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California Energy Commission

DOCKETED

11-AFC-02

TN # 67576

OCT 05 2012

Subject: Data Response, Set 2A-4
Hidden Hills Solar Electric Generating System (11-AFC-2)

Dear Mr. Monasmith:

On behalf of Hidden Hills Solar I, LLC; and Hidden Hills Solar II, LLC, please find attached electronic copies of Data Response, Set 2A-4.

Please call me if you have any questions.

Sincerely,

CH2M HILL

A handwritten signature in blue ink, reading "John L. Carrier".

John L. Carrier, J.D.
Program Manager

Encl.

c: POS List
Project file

Hidden Hills Solar Electric Generating System

(11-AFC-2)

**Data Response, Set 2A-4
(Response to Data Request 141)**

Submitted to the
California Energy Commission

Submitted by
**Hidden Hills Solar I, LLC; and
Hidden Hills Solar II, LLC**

October 5, 2012

With Assistance from
CH2MHILL
2485 Natomas Park Drive
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Attachment

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Introduction

Attached is Hidden Hills Solar I, LLC, and Hidden Hills Solar II, LLC (collectively, “Applicant”) response to the California Energy Commission (CEC) Staff’s data request number 141 for the Hidden Hills Solar Electric Generating System (HHSEGS) Project (11-AFC-2). The CEC Staff served this data request on January 9, 2012. The initial aquifer performance test was cut short due to vandalism. This report provides the results of additional aquifer testing.

Soil & Water Resources (141)

BACKGROUND

As stated in the HHSEGS AFC, Appendix 5.15: Water Resources, Hidden Hills Interim Assessment Report, dated May 2011, “Limited aquifer hydraulic testing has been conducted in the vicinity of the project site” (Cardno Entrix, 2011). The report cites two aquifer tests that yield very little useful information.

The first test is from 1966, when water levels were likely about 45 feet higher than today (see USGS well USGS 360359115573201 162 S22 E53 01DA 1). The exact location of the well was not included in the report. The reported pump rate was 275 gallons per minute (gpm).

The second pump test was conducted at a well in the direct vicinity of the proposed project in 2003, but only lasted 22 hours because of declining water levels. The reported transmissivity was significantly lower than the 1966 test, 7,225 gallons per day per foot (gpd/ft) versus 4,675 gpd/ft. No pump rate was reported from the 2003 test.

The applicant also indicates another pump test should be conducted and states, “The proposed aquifer testing will aid in determining aquifer barrier boundaries such as faults within the aquifer that can limit the expansion of the cone of depression and correspondingly increase drawdown” (Cardno Entrix, 2011). Staff agrees with the applicant, an aquifer test should be performed to evaluate whether a reliable supply of water can be produced for project construction and operation and to better characterize aquifer parameters for local drawdown impact analysis.

DATA REQUEST

141. Please provide the results of a pump test of sufficient duration and flow to demonstrate that the aquifer can provide a reliable supply for project construction and operation. The pump test should also provide sufficient data to evaluate whether any barriers to flow exist.

Response: An Aquifer Performance Test (APT) was conducted at the Hidden Hills SEGS project site from February 17 to February 21, 2012. An aquifer performance testing plan was provided on March 8, 2012 as part of Data Response Set 2A-2. The pump was vandalized during the initial aquifer performance test which caused the test to be shortened. The results of that test were included as Attachment DR141-1 in Data Response Set 2A-3, filed on March 30, 2012. Another comprehensive aquifer performance test was conducted over a 14-day period (between September 7 through 21, 2012), to develop improved understanding of aquifer hydraulic characteristics in response to pumping that simulates future pumping demands. The report of that testing is provided in Attachment DR141-2.

Attachment DR141-2
Long-Term Aquifer Performance Test Report 2

Long-Term Aquifer Performance Test Report 2

Hidden Hills Solar Electric Generating System Site



October 2012

Project Number: 33153001

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Long-Term Aquifer Performance Test 2 Report

OCTOBER 2012

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Executive Summary

This report summarizes activities and results of the second comprehensive aquifer performance test (APT-2) conducted at the Hidden Hills Solar Electric Generating System (HHSEGS) site (Figure 1-1). The purpose of APT-2 is to provide an extended test pumping duration that adds to the data and results associated with the first APT (APT-1).

Following the completion of the APT-1, Cardno ENTRIX (CE) was informed of an existing well, Well 3A, near well #3 that was not evaluated during the APT-1 preparations. Preliminary investigation of Well 3A identified it as a potential candidate for the APT-2 pumping well but sand production observed during a short step drawdown test made it unlikely that the well would sustain the planned pumping rate without destroying the test pump. Subsequently, a new well, Well 3B, was installed near Wells 3 and 3A. APT-2 was then conducted by pumping well 3B at a constant rate of 45 gallons per minute (gpm) over the 14-day period from September 7 through September 21, 2012.

The APT-2 test provided reliable measurements of the aquifer properties at the project site. The duration of the test was long enough to measure the transmissivity, storage, leakance, and boundary conditions of the aquifer and achieve stabilized water levels in the aquifer. The APT-2 data are consistent with the information collected from APT-1 and further demonstrate that the aquifer can sustainably supply the water needed to support the project for the 25 years of operation as well as for the 3-year construction period pumping. Moreover, based upon these data and also consistent with the results of APT-1, off-site water level drawdowns are not expected to occur and therefore there won't be project-associated drawdown caused at either the nearby private domestic wells or at Stump Spring.

While it is not possible to predict future development in the Pahrump Valley, the historic water level data provided by Nye County indicates that water levels west of the State Line Fault system have been relatively stable over the last 20 years. Barring unforeseen changes in the pumping pattern in the valley, it is unlikely that regional pumping could substantially impact the aquifer at the project site or substantially change the prediction of this analysis.

Introduction

Cardno ENTRIX, on behalf of BrightSource Energy, has prepared this report summarizing the activities and results of the second comprehensive aquifer performance test (APT-2) that was conducted at the HHSEGS Project site over the 14-day period from September 7 through September 21, 2012 (Figure 1-1).

1.1 PURPOSE AND OBJECTIVES

The purpose of APT-2 is to develop additional data on aquifer properties which can better establish aquifer yield and potential drawdown effects associated with proposed project pumping at the site. The objectives of this APT are:

1. Determine aquifer hydraulic coefficients (i.e., transmissivity, storativity, and leakance).
2. Assess the drawdown impacts to nearby users based on actual measured drawdown at selected locations.
3. Assess the potential for drawdown impacts at Stump Spring.
4. Determine the potential presence of hydraulic barrier boundaries within the aquifer.
5. Assess the potential biological drawdown impacts from the project on groundwater dependent vegetation around the site.

The projected water demand for the proposed project is approximately 140 acre-feet per year (AFY) to be provided from three proposed wells to be constructed at appropriate locations across the site.

1.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The HHSEGS site is located in the Pahrump Valley, near Calvada Springs, California, approximately 15 miles south of Pahrump, Nevada and 50 miles west of Las Vegas, Nevada. The site is separated from the Las Vegas Valley to the east by the Spring Mountains. The western boundary of the Pahrump Valley is formed by the Nopah and Kingston Ranges. The Nopah and Kingston Ranges extend to between 6,400 to 7,300 feet above mean sea level. The Spring Mountains of Nevada reach 11,900 feet above mean sea level and provide the principle source of recharge to the basin (Waring, 1920; DWR, 1964). The valley is relatively flat and up to approximately 15 miles wide (Flynn, et al, 2006). Elevations of the valley floor above mean sea level ranges from 2,457 feet at Stewart Lake (dry) to about 3,000 feet in the southwestern portion of the basin (DWR, 1975).

The Pahrump Valley is on the southwest margin of the Basin and Range Physiographic Province. The region has experienced multiple periods of deformation. The State Line Fault Zone is a zone of strike-slip faulting that strikes almost parallel to the border of California and Nevada in the center of the valley (Flynn, et al, 2006). The mountains bordering the Pahrump Valley are mostly composed of late Proterozoic and Paleozoic carbonate and siliciclastic rocks, which probably also underlie the valley. The subsurface bedrock of the Pahrump Valley is deformed and topographically complex. It is overlain by sedimentary deposits that are Oligocene and younger in age. These include Quaternary playa deposits and large alluvial fans on the northeast side of the valley (Flynn, et al, 2006).

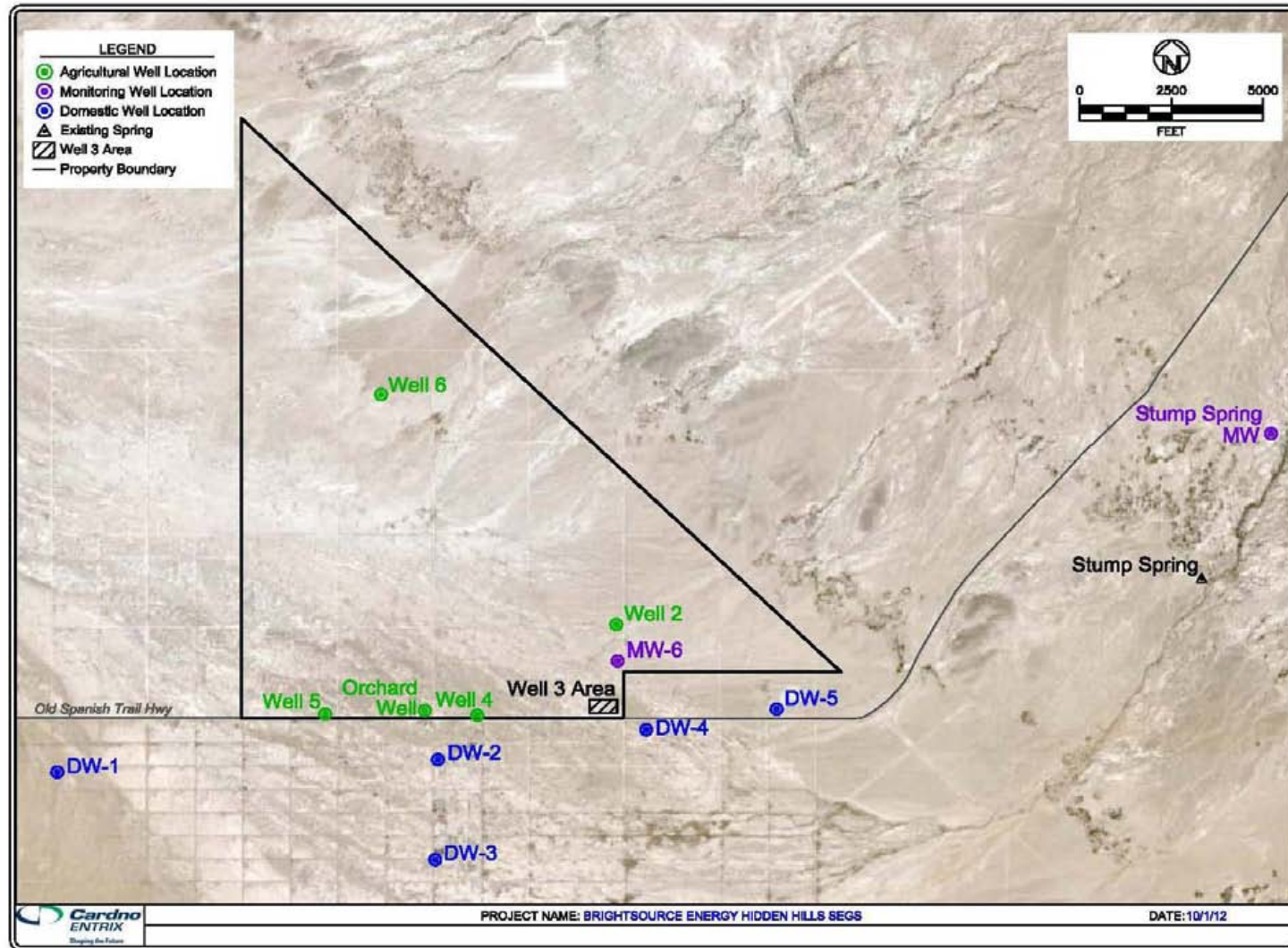


Figure 1-1 Map Showing Aquifer Performance Test Wells and Adjacent Monitoring Wells

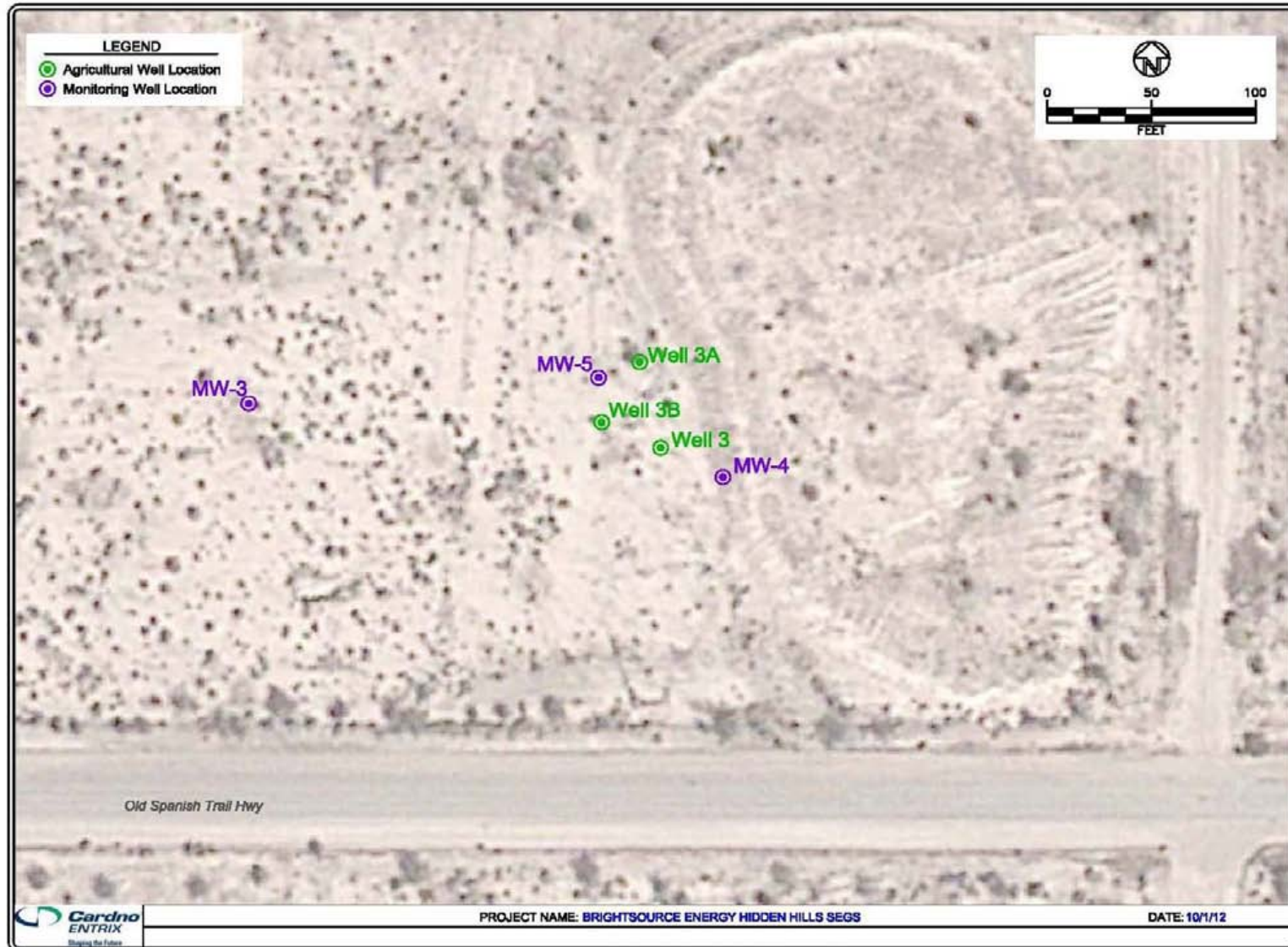


Figure 1-2 Well 3 Area and Nearby Monitoring Wells

The HHSEGS site is underlain by Quaternary sediments, which form the primary water-bearing units within the basin. Channel gravels become finer grained upward, becoming mudstone near the top of the sequence. The mudstones are overlain by silt and thin gravel beds. These deposits record a change from a fluvial and lacustrine condition during the most recent glacial cycle to the arid conditions found today (Flynn, et al, 2006). The maximum thickness of the alluvium is at least 800 feet (DWR, 1964).

Annual Precipitation ranges from about 4 to 6 inches. Surface runoff drains toward Stewart Lake to the west and towards Pahrump Lake to the north in Nevada (DWR, 1975).

Recharge to the basin is derived from the percolation of runoff through alluvial deposits at the base of the bordering mountains and from the infiltration of precipitation that falls on the valley floor. Groundwater in the alluvium moves towards either Stewart Lake or Pahrump Lake. Groundwater is confined near the margins of the dry lakes and along the base of the alluvial deposits originating from the Spring Mountains in the Nevada Portion of the basin. Groundwater discharge from the alluvial aquifer occurs mainly through pumpage and spring discharge, or through evapotranspiration (DWR, 1964).

The character of the groundwater in the basin varies from calcium-magnesium bicarbonate to magnesium-calcium bicarbonate. Total dissolved solid (TDS) concentrations range from about 150 milligrams per liter (mg/L) to 540 mg/L. Recent results from on site well sampling indicated TDS concentrations of 250 and 320 mg/L.

Existing Well Evaluation

1.3 OBJECTIVE

In an effort to conduct a longer duration APT that would provide additional aquifer characterization data, an evaluation was conducted to assess a previously unknown existing well near well #3 which was discovered following the completion of APT-1. Because this well is near well #3, it was named 'Well 3A'.

1.4 PERSONNEL AND PROCEDURES

All work was performed by a qualified Cardno ENTRIX field scientist working under the supervision of a California Professional Geologist. This person supervised the field activities and oversaw all phases of the work including managing subcontractors and report preparation. All field procedures (e.g., permitting, sampling protocol, chain-of-custody, preparation of a Health and Safety Plan, etc.) followed Inyo County and State of California guidelines at the time the work was performed. Biological monitors were also present during all phases of this activity.

1.5 SITE SAFETY

A site safety plan was developed for each phase of the field investigation. The document was reviewed and signed by all Cardno ENTRIX personnel and subcontractors performing work on the site. A copy was present on-site at all times and kept in an easily accessible location. Additionally, mandatory health and safety tailgate meetings were conducted daily and included all on-site personnel.

1.6 WELL 3A EVALUATION

An initial well evaluation was conducted at Well 3A in June and July of 2012. The depth to water was recorded at 130.68 feet below ground surface (ft bgs) and the bottom of the well was tagged at approximately 346 ft bgs. In addition to the above evaluations, video and gamma logging was conducted followed by a step-drawdown test to assess well production and efficiency.

1.7 WELL 3A STEP TEST

In order to fully assess the pumping capacity of Well 3A, Cardno ENTRIX conducted a step-drawdown pumping test on July 17, 2012. The step-drawdown test was conducted using a submersible pump set to approximately 315 ft bgs. The flow rate was controlled using the throttle on the pump control box and a valve installed on the discharge effluent line. Discharge from the step drawdown test was conveyed to a discharge point approximately 500 ft northwest of the well site.

The test was conducted with a series of increasing flow rates, each sustained for approximately one hour. The step-drawdown data is shown on Figure 2-1. A summary of the pumping rates, pumping levels and specific capacity are provided in the table below:

The depth to water was measured from the top of the casing (ft btoc) during the test with a manual water level meter. A totalizer with a flow meter was used to measure the rate of discharge and the total volume of water pumped from the well. During the test, the flow rates and totalizer readings were recorded at the same intervals as the water level measurements. If the pumping rate was not within 5 percent of the target flow rate, then the flow rate was adjusted until the desired rate was reached. During some pumping intervals, especially at the lower pumping rates, sand production from the well plugged the flow meter and readings were not available. To unplug the meter between rates the pump was shut down and the meter was flushed of sand and debris. These intervals are noted (Appendix F, Table F-3).

Table 2-1 Summary of Step Test conducted at Well 3A

Test Interval (minutes)	Measured Rate (gpm)	Pumping Level (ft btoc)	Drawdown (ft)	Specific Capacity (gpm/ft)
0	--	130.55	0	--
1-60	50	147.7	17.15	2.92
60-66	Pump off to clear totalizer			
66-128	90	204	73.45	1.22
128-136	Pump off to clear totalizer			
136-230	95	238.7	108.15	0.92
230-232	Pump off to clear totalizer			
232-301	100	245	114.45	0.87

The Well 3A data shown in Figure 2-1 indicate steady, increasing drawdown during the first two pumping rates. Water levels were beginning to stabilize at approximately 17.1 feet of drawdown during pumping at 50 gallons per minute (gpm) for one hour. When increased to 90 gpm, levels continued to drop reaching approximately 73.4 feet below the static water level after approximately 60 minutes of pumping. The pumping rate during the final two steps was unstable because of the interference caused by sand production and degradation of the pump performance. The third rate step began at approximately 135 gpm and had dropped to approximately 100 gpm after 20 minutes and 90 gpm from approximately 35 minutes into the test through the end of the step. The fourth rate step began at approximately 165 gpm, dropped to 138 gpm in 5 minutes and 93 gpm 30 minutes into the step.

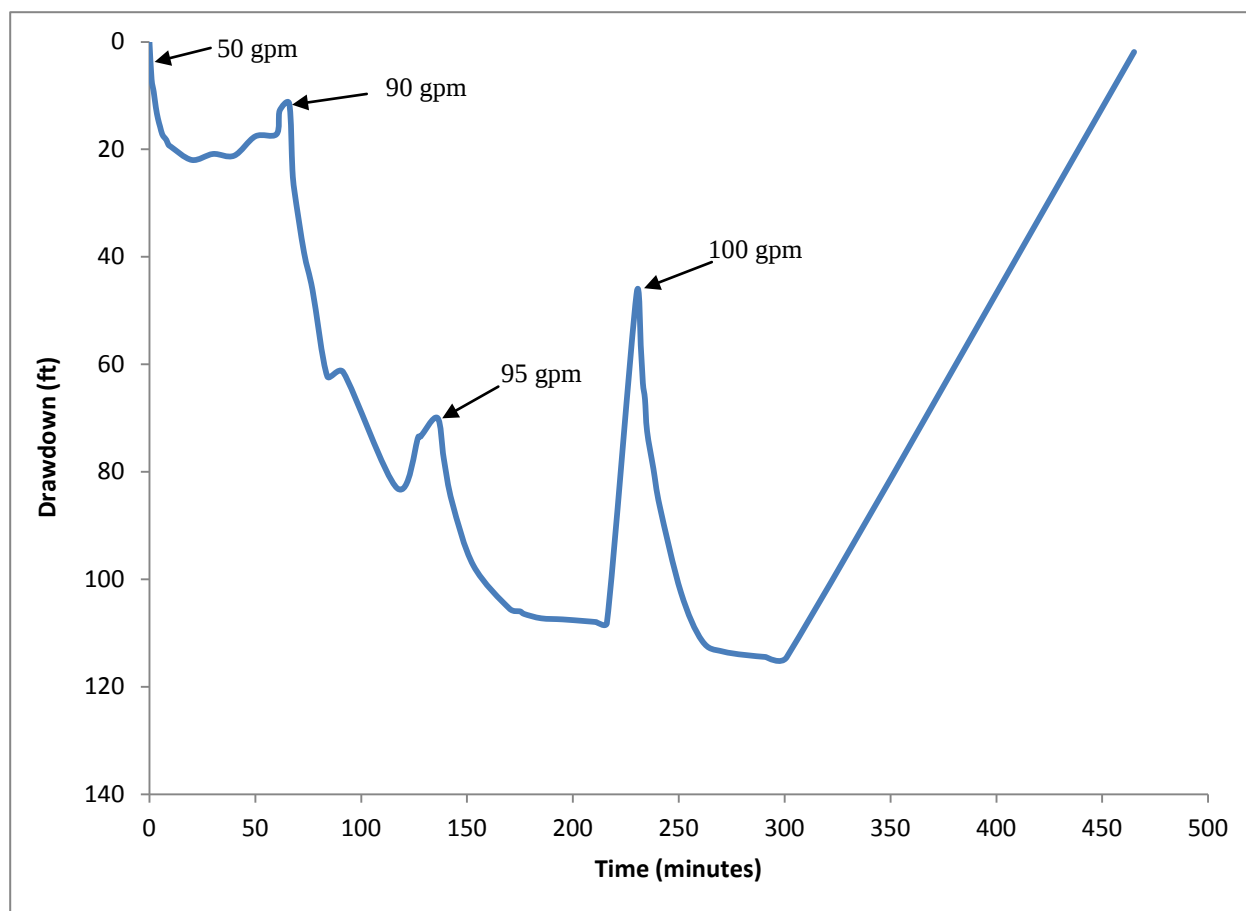


Figure 2-1 Well 3A Step Test Drawdown

1.8 SUMMARY

The results of the step-drawdown test completed at Well 3A indicate that the aquifer penetrated by the well has sufficient capacity to be yield groundwater at rates of 150 gpm or more. However, because of the original well construction, and also the age and deterioration of the well casing, abundant entrainment of fine sand from the aquifer formation precluded the use of the well for APT-2. Well development was considered along with a range of retro-fit options, although the costs and uncertainty of success were sufficiently large that the installation of a new well nearby was selected instead.

This section discussing the well 3A investigation is provided to document the potential high yield of well 3A and is valuable information regarding the potential of some of the areas of the on-site aquifer to produce high flow rates from wells of 350 ft depth. Contrasting the yield of well 3A, as tested, with that of other on-site wells evaluated (such as well 3, well 3B and the Orchard well), also provides important information regarding the need to carefully select well sites and incorporate as much site lithologic information as possible in that selection process.

Well 3B Installation

A new well, known as Well 3B, was installed from August 13 to August 21, 2012 at the location shown in Figure 1-2. The location of Well 3B, near wells 3, 3A, MW-5 and MW-4, allowed for collection of an array of drawdown data from nearby monitoring locations that are valuable in documenting aquifer characteristics from the pumping test.

1.9 PERSONNEL AND PROCEDURES

All work was performed by a qualified Cardno ENTRIX field scientist working under the supervision of a California Professional Geologist. This person supervised the field activities and oversaw all phases of the work including managing subcontractors and report preparation. All field procedures (e.g., permitting, sampling protocol, chain-of-custody, preparation of a Health and Safety Plan, etc.) followed Inyo County and State of California guidelines at the time the work was performed. Biological monitors were also present during all phases of this activity.

1.10 SITE SAFETY

A site safety plan was developed for each phase of the field investigation. The document was reviewed and signed by all Cardno ENTRIX personnel and subcontractors performing work on the site. A copy was present on-site at all times and kept in an easily accessible location. Additionally, mandatory health and safety tailgate meetings were held daily with all on-site personnel.

1.11 PERMITTING

Prior to conducting the field activities, permits for well installation were obtained from the Inyo County Department of Environmental Health. A copy of the permit is provided in Appendix A. Additionally, correspondence with Lahontan Regional Board staff was conducted to obtain approval for the proposed APT-2 discharge as was approved during the APT-1 testing.

1.12 UTILITY CLEARANCE

Underground Services Alert was notified more than 48 hours prior to the start of subsurface activities to assist in identifying subsurface utilities present in the vicinity of the proposed well locations. There were no underground utilities identified in the vicinity of the work areas or well locations.

1.13 DUST CONTROL

During all well installation activities dust control was conducted using a water truck provided by Water Pros, a Las Vegas, Nevada-based company.

1.14 WELL INSTALLATION METHODS

Well 3B was installed to a depth of approximately 355 ft bgs by Cascade Drilling; a State of California licensed driller (C-57 License No. 938110) using mud-rotary drilling. A boring log for Well 3B is provided in Appendix B. The well was constructed with 8-inch diameter steel blank casing and 0.030-inch slotted steel screen. Groundwater was encountered at approximately 130 ft bgs and the screened interval was set from 255 to 355 ft bgs. The sand filter pack was built with #3 Monterey sand from 193 ft to 355 feet bgs.

The wells were sealed with hydrated bentonite from the top of the sand filter pack to approximately 183 feet bgs. The annular space above the bentonite seal was filled with Portland cement to the ground surface and each well was finished at the surface with a secure well monument that extended approximately 3.5 feet above the ground surface. Geophysical logging consisted of deploying an e-log (resistivity and SP) and a gamma log – the logs are provided in Appendix C.

1.15 WELL DEVELOPMENT AND TESTING

Well 3B was developed using a variety of techniques including, surging, bailing, jetting, swabbing and pumping. Once development was completed the test pump was set in the well and a step-drawdown test was conducted using a submersible pump set at 350 ft bgs. The flow rate was controlled using the throttle on the pump control box and a valve installed on the discharge effluent line.

The depth to water was measured from the top of the casing (ft btoc) during the test with a manual water level meter at increasing intervals. A totalizer with a flow meter was used to measure the rate of discharge and the total volume of water pumped from the well. Discharge from the step drawdown tests were conveyed through lay flat hose to a point approximately 1,000 ft northwest of the well site.

The step test was conducted with a series of increasing flow rates (25, 35 and 45 gpm), each sustained for approximately one hour. The step-drawdown data is shown on Figure 3-1. A summary of the pumping rates, pumping levels and specific capacity are provided in the table below:

Table 3-1 Summary of Pumping Test conducted at Well 3B

Test Interval (minutes)	Measured Rate (gpm)	Pumping Level (ft btoc)	Drawdown (ft)	Specific Capacity (gpm/ft)
0	--	133.2	0	--
1-60	25	185.8	52.6	0.5
60-120	35	223.1	89.9	0.4
120-322	45	304.0	170.8	0.15

The data shown in Figure 3-1 indicate steady, increasing drawdown during the first two pumping rates. Water levels in the well were beginning to stabilize at approximately 52.6 feet of drawdown while pumping at 25 gpm for one hour. When increased to 35 gpm levels continued to drop after approximately

60 minutes of pumping, reaching approximately 89.9 feet below the static water level. Pumping at 45 gpm dropped levels to approximately 170.7 ft below static levels. Overall, the data indicate that the Well 3B can sustain pumping at 45 gpm as needed for APT-2.

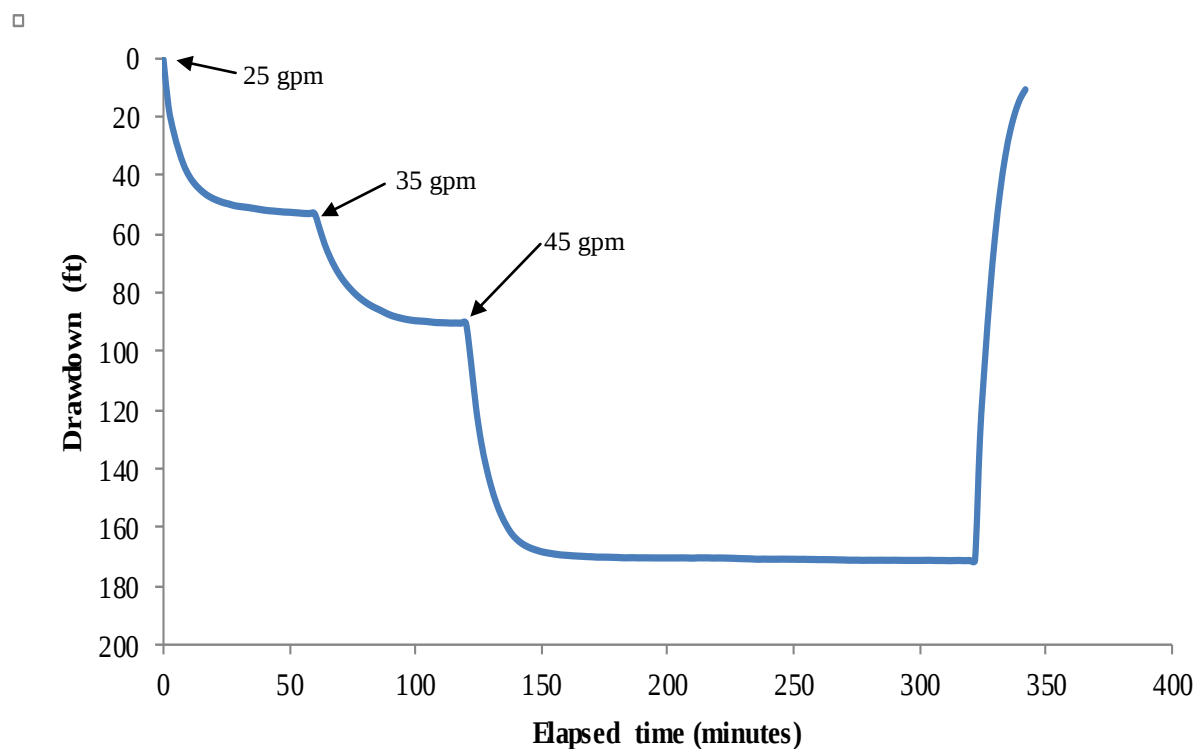


Figure 3-1 Drawdown during Well 3B Step Test

1.16 SUMMARY

The results of the step-drawdown test completed at Well 3B indicate that the well can sustain pumping at 45 gpm for a 14 day APT.

Regional Stratigraphic Analysis

A stratigraphic evaluation of the HHSEGS site was conducted to characterize location and extent of aquifer materials in support of the APT-2 analysis. Because of the limited geologic data available for the site, geophysical logging was conducted at a selection of the existing on-site and nearby wells, as described in this section.

Geophysical well logs can be used to determine the properties of the formation near a borehole. A variety of logging methods have been developed to measure different physical properties of the formation that can be used to determine the geologic properties of the formation. Most logging methods can only be run in uncased holes and therefore are not viable for the existing wells on site (which are all completed with steel casing). One of the standard geophysical methods is known as gamma logging. This technique measures the gamma ray radiation that naturally occurs from radioactive elements present in clay minerals of the formation. Strata with high gamma ray emissions generally contain clay and are relatively impermeable as aquifer material. Formations with low gamma ray emission generally have low clay content, and are typically sand and gravel units. In general, lower gamma log responses correspond with coarser deposits and therefore typically have greater permeability.

1.17 COLLECTION AND ANALYSIS OF GEOPHYSICAL DATA

Gamma logging was conducted at the following wells: Orchard Well, MW1, MW6, Well 3, and the Stump Spring monitoring well. These logs are attached as Appendix D. At Well 3B, both a gamma log and an electrical log were run. The gamma logs plotted on geologic cross-sections which are used to conduct stratigraphic correlations that illustrate key aquifer zones.

Figure 4-1 is a geologic cross-section from the Orchard Well, through the Well 3 area, to the Stump Spring monitoring well. The gamma logs show that the upper 100 to 130 feet on the project site generally consists of dense clay. The material between about 100 and 300 feet is a sand and gravel aquifer unit with a consistent 10 to 20 foot thick clay layer about 50 feet above the base of the aquifer. The log of Well 3 and the Orchard Well indicates that the formation below the aquifer is primarily fine-grained or clay-rich with occasional thin layers of silty sand. The log of the Stump Spring monitoring well indicates that the shallow clay layer is thicker in this area east of the site. Based on the elevation difference between the HH SEGS site and Stump Spring, and the assumed position of the faults under the spring mounds, it appears that the faults have a component of vertical motion that may juxtapose fine grained units against a portion of the aquifer.

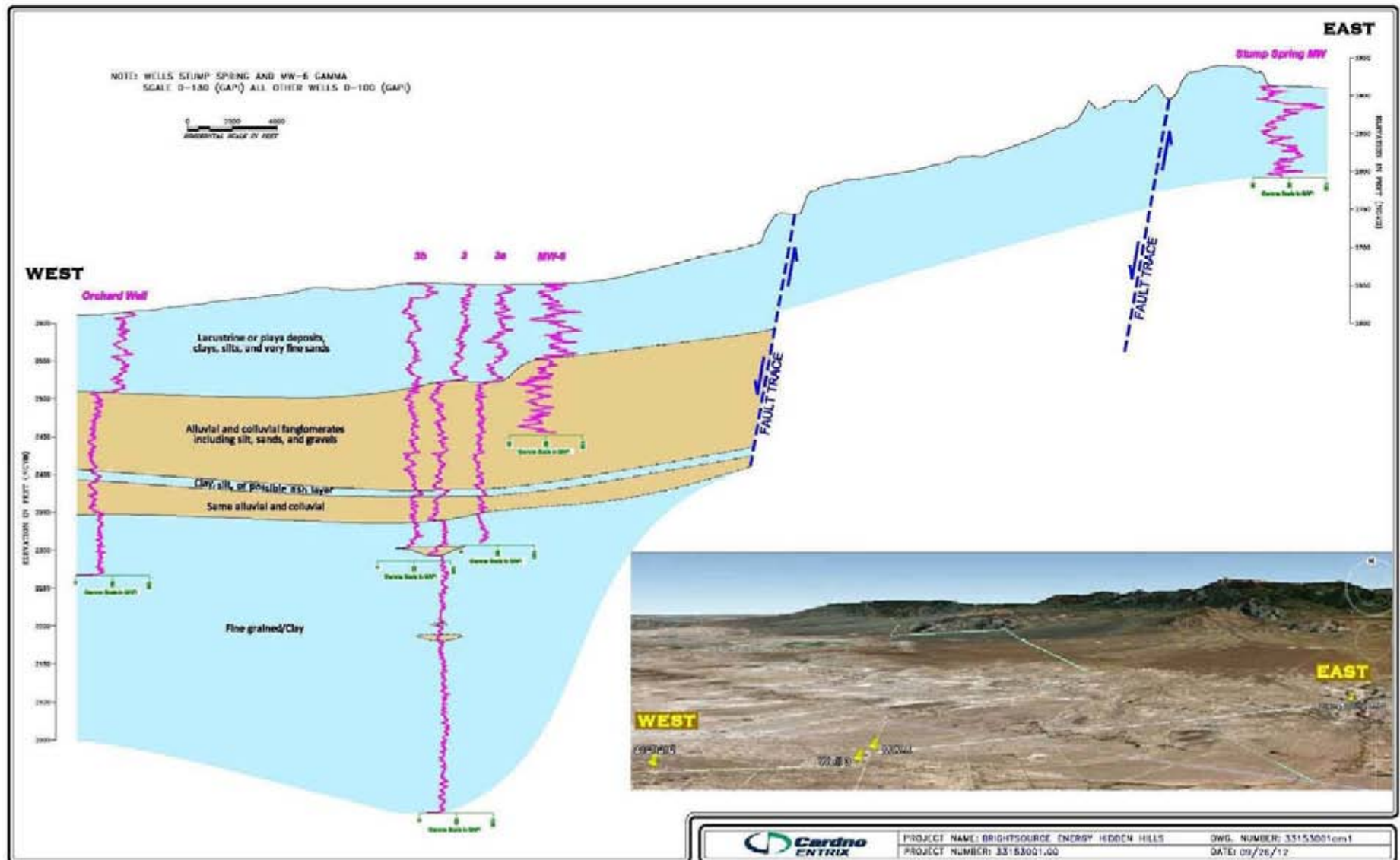


Figure 4-1 Geologic Cross-Section from Orchard Well to Stump Spring

Figure 4-2 is a geologic cross section focused on the wells located in the vicinity of Well 3. The logs show the upper clay unit is about 130 feet thick in the area. The material from 130 to about 220 feet consists of fine grained sand, probably with some silt. The material between 220 and 320 feet consists of layers of more coarse permeable sand and gravel and finer silty sand, with a consistent clay layer between about 270 and 280 feet. The material below 320 feet is generally fine-grained or clay with a few thin, isolated silty sand layers. The gamma response of the aquifer in Well 3B is about 20 GAPI units higher than in Well 3 or Well 3A. This indicates that the formation at Well 3B probably is finer grained and contains more silt and clay and is probably not as permeable as the formation at Wells 3 or 3A.

1.18 SUMMARY

These geologic cross-sections provide important information on the geometry of the aquifer not previously available. The gamma logs indicate that the general stratigraphy is fairly continuous from the Orchard Well to the area near Well 3. The logs indicate that the base of the aquifer lies about 300 to 350 feet below the surface, and the deeper parts of Well 3 and the Orchard Well are composed of clay and silt-rich sediments and probably do not contribute significant volumes of water to the wells. Based on this information, production wells do not have to be more than about 350 feet deep to produce from the main aquifer units. Similarly, monitoring wells do not need to be more than 350 feet deep to fully-penetrate the aquifer. The gamma logs indicate that the upper portion of the aquifer is finer grained and the lower portion of the aquifer consists of stratified units of coarse sand and gravel, finer sand or silty sand, and a deep clay layer. The permeability of the aquifer also appears to vary laterally over relatively short distances. It also appears that the faults of the State Line Fault System may at least partially juxtapose fine grained units against the aquifer and are likely to create a partial hydraulic barrier boundary that would limit the spread of a cone of depression across the faults.

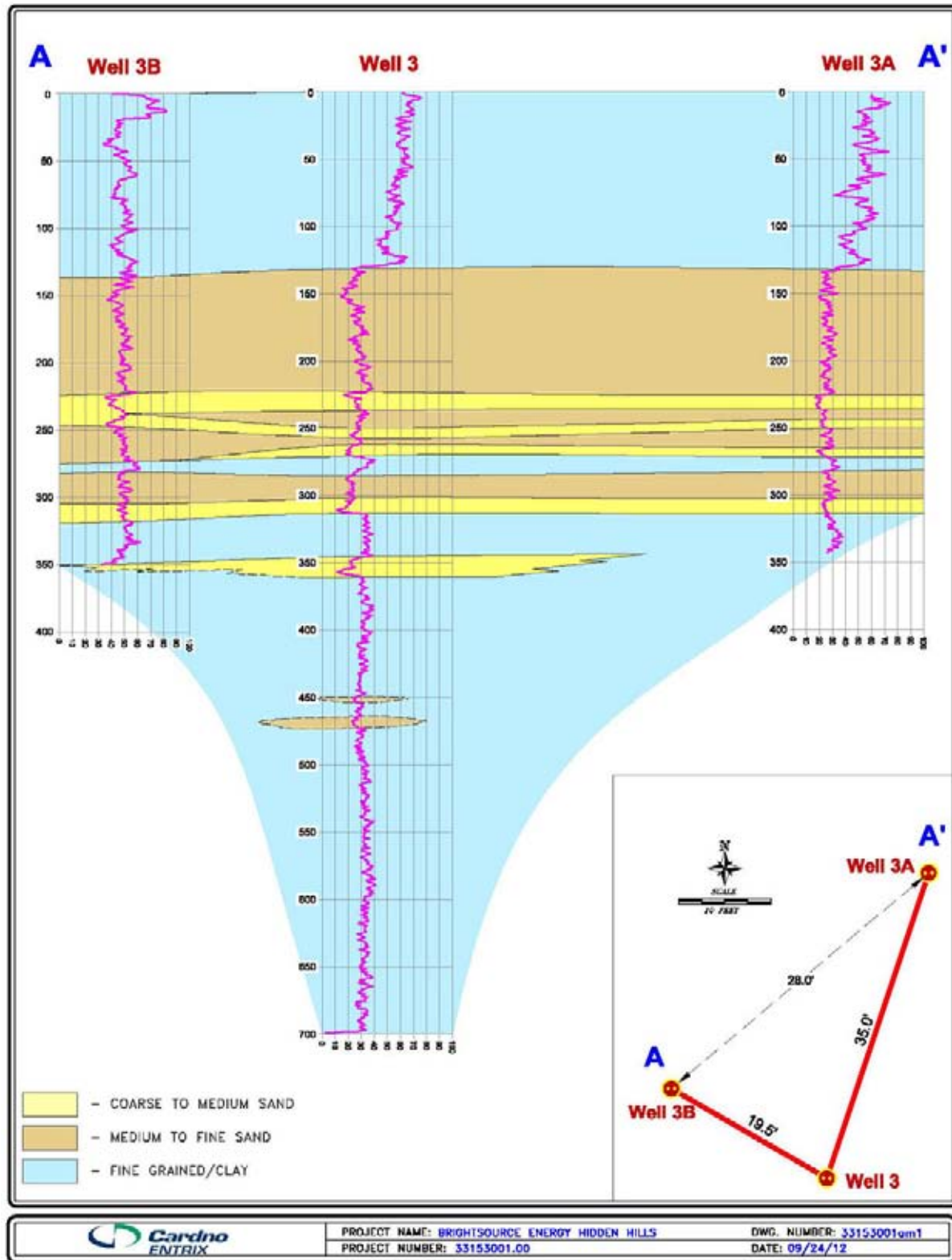


Figure 4-2 Geologic Cross-Section in Vicinity of Well 3

Aquifer Pumping Test

APT-2 was conducted at the HHSEGS site from September 7 to 21, 2012 employing the approach and methods described in the Long-Term Aquifer Performance Testing Plan (Cardno ENTRIX, 2012; Appendix H). The aquifer testing was conducted to determine aquifer properties such as transmissivity, storage and leakance and to compare with the results of an APT-1 conducted in February, 2012. The results of APT-1 are presented in the Long-Term Aquifer Performance Test Report, Hidden Hills Solar Electric Generating System Site report (Cardno ENTRIX, March, 2012). The primary objective of APT-1 was to demonstrate that the aquifer can provide a reliable supply for both project long-term operations and the initial construction period. A secondary objective of APT-1 was to determine if barrier boundaries such as faults are present within the aquifer. APT-1 was planned to pump a minimum of seven days but was terminated after four days due to vandalism of one of the pumping wells. APT-2 was conducted to confirm the aquifer properties measured by APT-1 and to demonstrate that water levels in the aquifer would stabilize within a few days of pumping.

The test consisted of pumping Well 3B at 45 gpm while monitoring water levels in an array of monitoring wells. Water level data were also collected manually at the Stump Spring monitoring well before, during and after APT-2.

1.19 SET UP

A submersible pump was installed in well 3B with the intake set at 350 ft bgs. The pump surface completion consisted of the gate valve, an in-line flow meter and totalizer, a sampling port, piping and hardware necessary to provide a leak proof-seal at the well head and along the discharge line to the point of discharge. The gate valve on the pump set up was used to help control the pumping rate, shut off flow and to stop gravity discharge.

The pumped groundwater was conveyed to a discharge area 1,000 feet northwest of the well. The location and offset distance of the discharge site was selected to: 1) avoid recirculation of water, 2) to avoid influencing the monitoring wells, 3) prevent offsite discharge of the produced water and 4) to protect sensitive plant and animal species. At the point of discharge (POD), a diffuser, plastic sheeting and straw wattles were used to dissipate the discharge flow to prevent erosion.

1.20 PERSONNEL AND PROCEDURES

All work was performed by a qualified Cardno ENTRIX field scientist working under the supervision of a California Professional Geologist. This person supervised the field activities and oversaw all phases of the work including managing subcontractors and report preparation. All field procedures (e.g., permitting, sampling protocol, chain-of-custody, preparation of a Health and Safety Plan, etc.) followed Inyo County and State of California guidelines at the time the work was performed. Biological monitors were also present during all phases of this activity.

1.21 SITE SAFETY PROCEDURES

A site safety plan was developed for each phase of the field investigation. The document was reviewed and signed by all Cardno ENTRIX personnel and subcontractors performing work on the site. A copy was present on-site at all times and kept in an easily accessible location. Additionally, mandatory health and safety tailgate meetings were held daily with all on-site personnel.

1.22 DUST CONTROL

During all well installation activities dust control was conducted using a water truck provided by Water Pros, a Las Vegas-based company.

1.23 WATER LEVEL MEASUREMENTS

Data logging pressure transducers (In-Situ Level Loggers) were installed in Well 3B, in monitoring wells (MW-1, MW-3, MW-4, MW-5 and MW-6), and in pre-existing on-site wells (Well 3, Well 3A and the Orchard Well). Additionally, manual measurements using an electronic water level tape were made at all wells during the test to verify and calibrate the transducer data. More than 72 hours of background data were collected before to the start of the test and the transducers were left in the wells for 3 days following the cessation of APT-2 to monitoring aquifer recovery. Water level data are provided in Appendix F.

1.23.1 Background Levels

Background water levels were measured using data logging pressure transducers in Well 3B, Well 3, Well 3A, MW-5, MW-4, MW-3, MW-6, MW-1 and the Orchard Well. Manual water level measurements were also made at existing on-site wells; MW-1, Well #2 and Well #4.

Background data collection was started on July 17, 2012 in wells MW-3, MW-4 and MW-5. Background data collection was started on August 22, 2012 at the pumping well and the remaining on-site wells. The manual measurements were made at various times during site visits. Overall background water levels were steady and level over the entire period of monitoring, except during well development and step test procedures.

1.23.2 Stump Spring Monitoring Well

A data logging pressure transducer was installed in the Stump Spring well by the BLM in Spring 2012 to measure long term background water levels. Manual water level data were collected from the Stump Spring well during and after APT-2 and is included in Appendix G.

1.24 AQUIFER PUMPING TEST

The APT was started at 8:00 am on September 7, 2012. Although Well 3B was pumped at a nominal rate of 45 gpm for the test. The gate valve was regularly adjusted as needed to keep the rate at 45 gpm. Water level and flow rate monitoring data are provided in Appendix F.

The discharge site was watched closely by the biological monitor throughout the test for signs of erosion, encroachment into sensitive plant and animal species habitat and for containment on-site. The discharge water spread quickly for a few hours at the beginning of the test. After the first day of the test the area of visible water at the surface did not appear to expand, though the soft wetted ground did noticeably expand a small amount each day. There was no erosion observed at the discharge points during the test.

1.25 WATER QUALITY SAMPLES

Water quality samples were collected from Well 3B, the Stump Spring monitoring well and MW-6 and sent to CalScience Laboratories, a State of California Certified Lab, for chemical analysis. Sample collection procedures and an analysis of the data will be presented when the results are provided by the analytical laboratory.

Analysis of APT-2 Data

1.26 APT RESULTS SUMMARY

The monitoring data collected during the course of APT-2 was used to determine the magnitude and lateral extent of drawdown as well as to calculate aquifer parameters and boundary conditions. Drawdown at the closest monitoring well, MW-5 (13 feet away from well 3B) was 4.6 feet at the end of the test, indicating that most of the drawdown in Well 3B was due to well loss associated with poor formation permeability. The drawdown in the farthest monitoring well within the radius of influence, MW-3 (184 feet away), was 2.1 feet at the end of the test. A map view of the drawdown in the wells near Well 3B is provided as Figure 6-1.

The water level changes observed in monitoring wells during the course of the test are illustrated in Figure 6-2. Figure 6-3 presents the change in water level for the pumping well and monitoring wells prior to the test, during the testing period, and during the recovery period. Water levels in all of the wells were essentially stable preceding APT-2. Water levels in Well 3, Well 3A, MW-3, MW-4, and MW-5 stabilized by the end of the APT.

No drawdown was observed in any other monitored wells more distant than MW-3 from the pumping well. Water levels were remarkably stable in MW-1 and the Orchard well, showing only minor short term fluctuations in water level of less than 0.1 feet for the period before, during and after the test. MW-1 experienced two short duration apparent rises in water level of about 0.2 feet during the pumping period. These events coincide with times that manual water level measurements were made in the well suggesting that the spikes are due to the manual water level probe disturbing the transducer setting and do not indicate an actual change in water level. Water levels in MW-6 showed a consistent linear decline of 0.2 feet from three days prior to the test and through the duration of the test. The pumping test did not change the slope of this linear trend, which demonstrates that the change in water level was from external factors and not from the pumping well. The water level data from these monitoring wells demonstrates that the cone of depression from the pumping well was limited to the area around the well and did not propagate as far as MW-6. Water levels in all wells affected by the pumping recovered to approximately their pre-pumping water levels within a day following the termination of the APT.

Water levels at the Stump Springs monitoring well (Figure 6-4) show short duration variations of up to a foot or more that are consistent with changes in water due to changes in atmospheric barometric pressure (barometric efficiency of the well). A longer term trend in water levels is present in addition to the short period oscillations. The water level rose approximately a foot from February through June and then followed a declining trend without significant change during and after the pumping test. The change in water level in this monitoring well is consistent to longer term monitoring data that indicates that water levels rise several feet in response to natural recharge events and slowly return to normal levels over periods of months to years. The rapid response in the well to natural recharge events is somewhat surprising given the gamma log data that suggests the well is completed in strata that contains an abundance of clay. The low hydraulic conductivity of clay generally retards vertical migration of water and suppresses the response of an aquifer to recharge. The rapid response of this well suggests that the shallow aquifer in this area is receiving focused recharge either from the surface or from other sources such as the fault system.

The Stump Springs monitoring well data demonstrates that the pumping test produced no drawdown in the well. It also demonstrates that water levels in this well respond much more quickly to recharge events and shows much greater variability than the monitoring wells on the HH SEGS site. This suggests that

the shallow aquifer in the area around the Stump Spring monitoring well is more connected to recharge sources and not well connected to the shallow aquifer as on the HH SEGS site. The cause for this difference is not conclusively known but is likely due to a partial hydraulic barrier and stratigraphic variations caused by the State Line Fault System and its influences on the depositional patterns of the aquifer. Water level sampling conducted by Nye County has demonstrated that the State Line Fault system appears to affect the response of water levels in wells in the area as discussed in the APT-1 report.

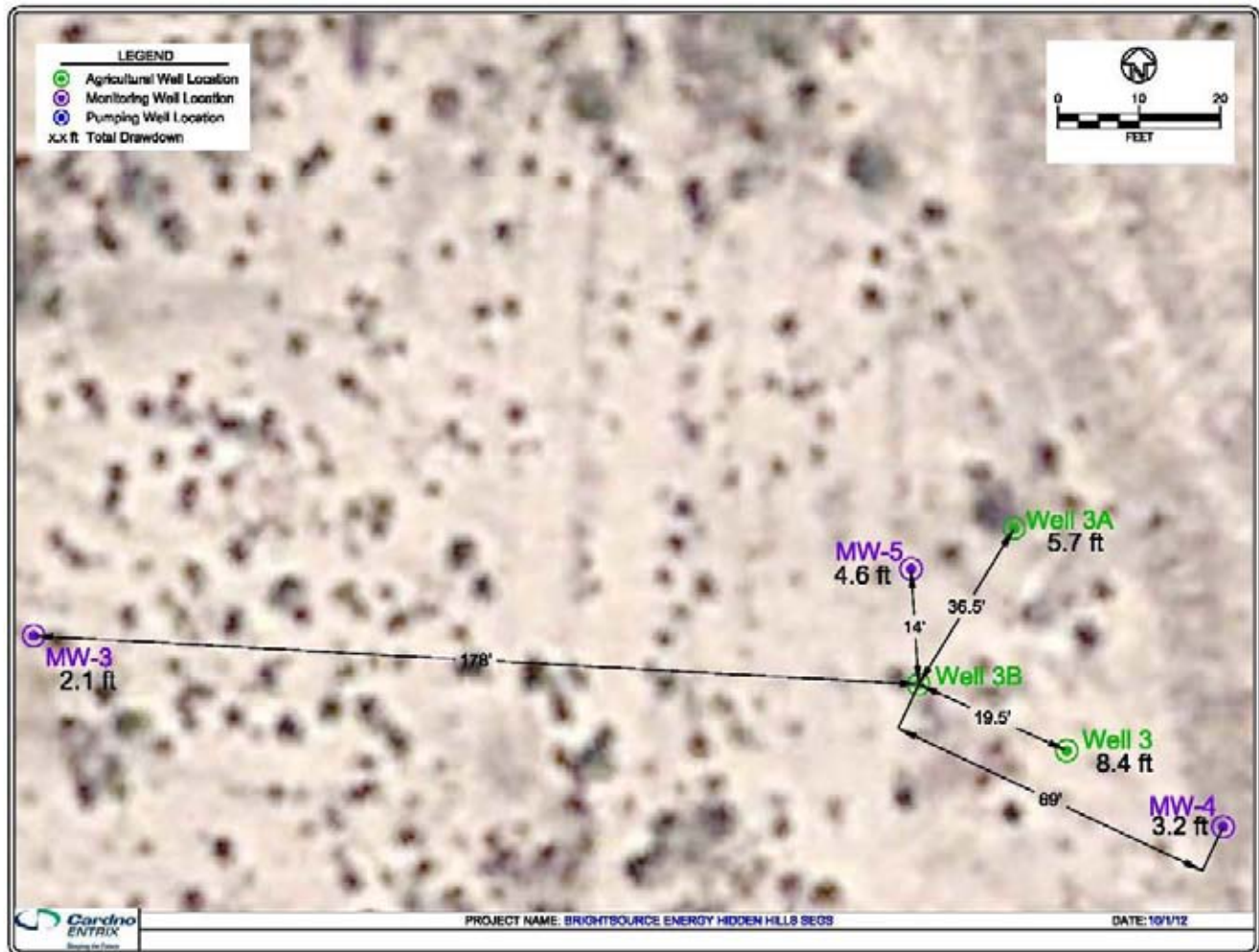


Figure 6-1 Schematic diagram of observed drawdowns in monitoring wells

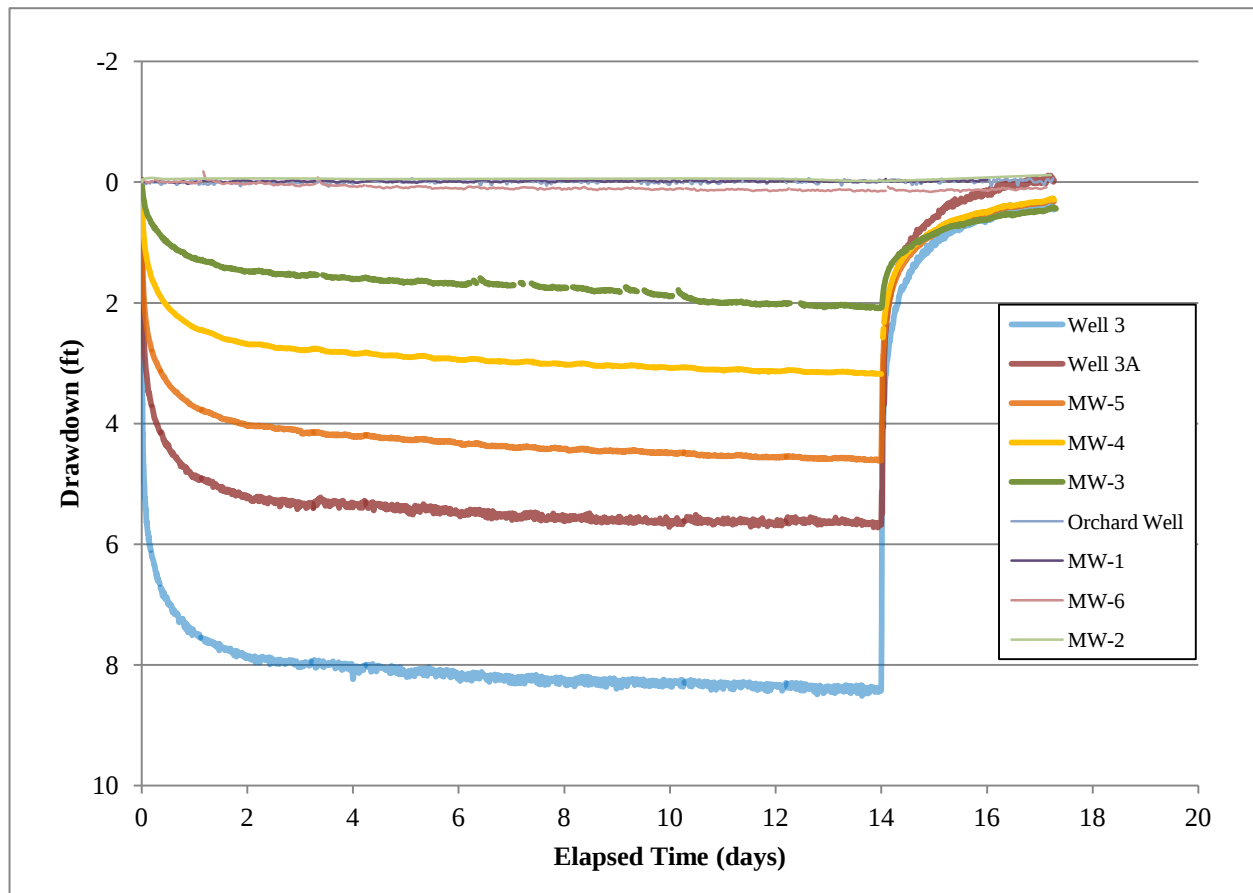


Figure 6-2 Observed water levels in monitoring wells during APT 2

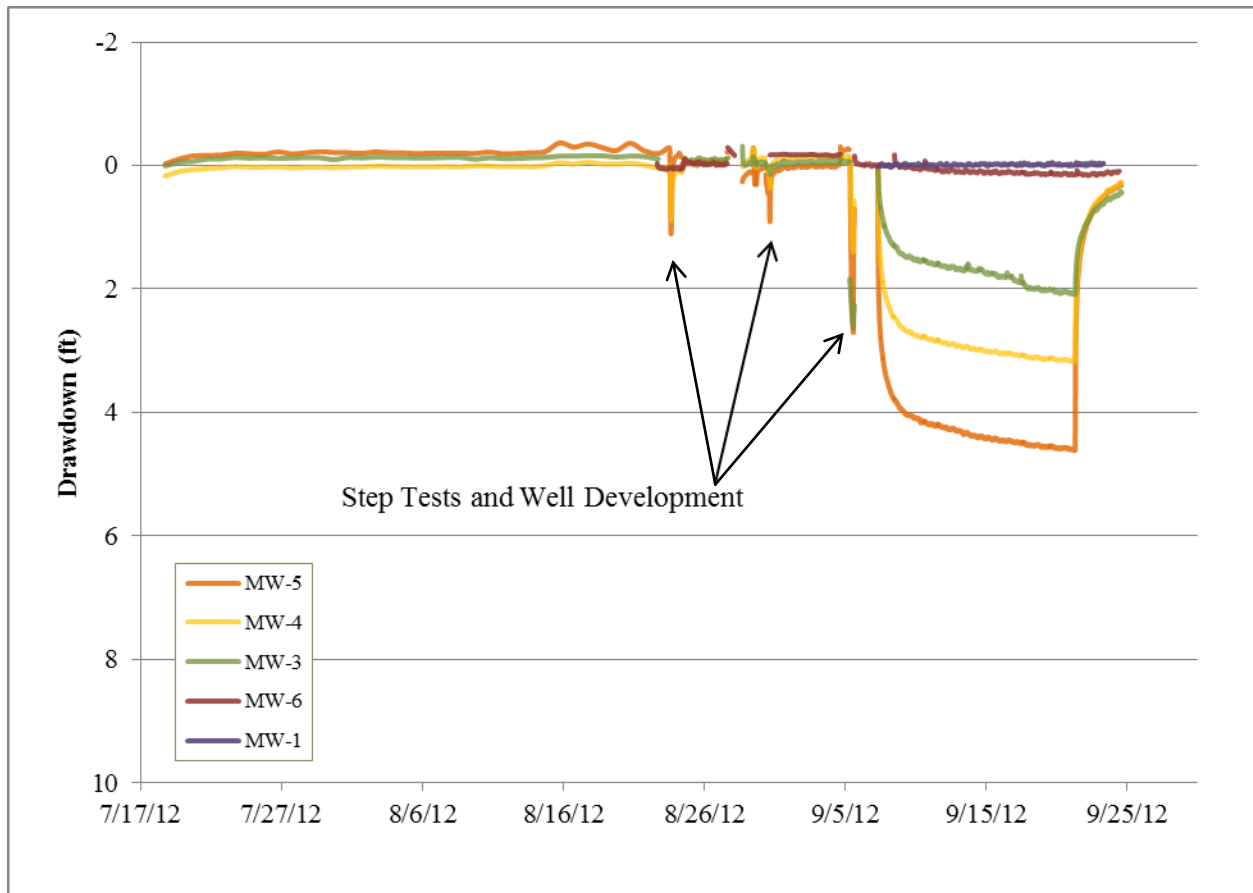


Figure 6-3 Observed water levels in monitoring wells, July 17, 2012 to end of APT-2

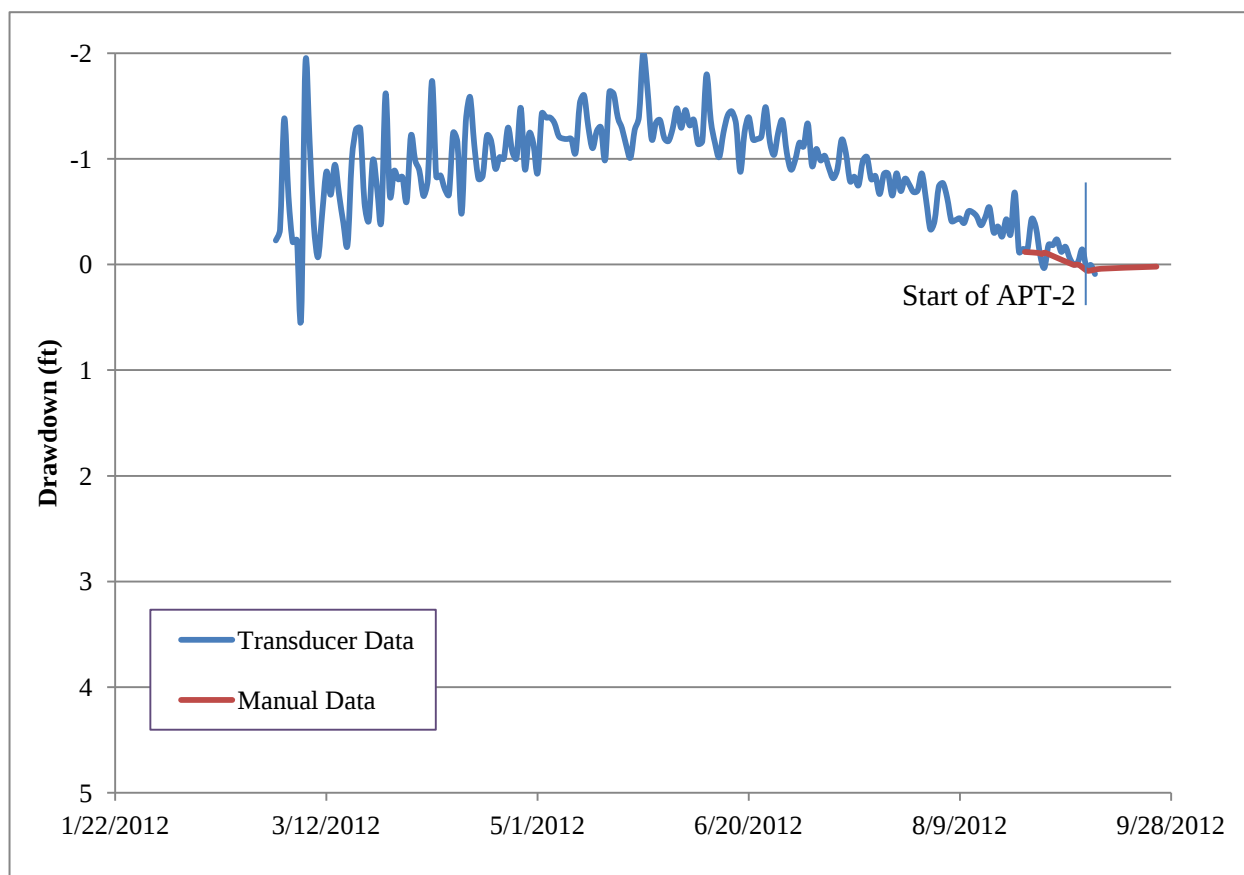


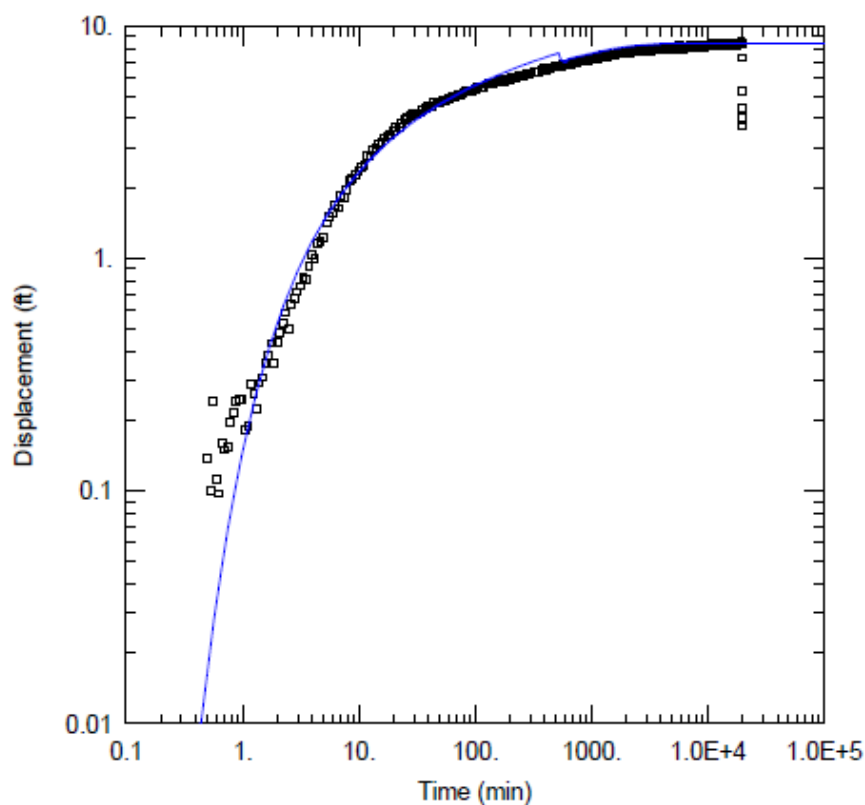
Figure 6-4 Drawdown measured in the Stump Spring Monitoring Well, March to September, 2012

1.27 APT DRAWDOWN ANALYSIS

The monitoring well drawdown data document that the cone of depression created around the pumping well during APT-2 did not extend far. The pumping test data from the wells that showed drawdown response to pumping were analyzed using AQTESOLV™ (Version Pro4), an industry standard aquifer analysis package. The drawdown data for each monitoring well was plotted against time and fitted to the appropriate 'type curve' to determine the transmissivity, storage, and boundary conditions of the aquifer at each monitoring well. All five monitoring wells in which drawdown was detected followed drawdown curves associated with 'leaky artesian' aquifer characteristics indicating that the aquifer sediments are bounded above and below by a semi-permeable confining unit that allows a slow release of recharge to the aquifer in response to pumping.

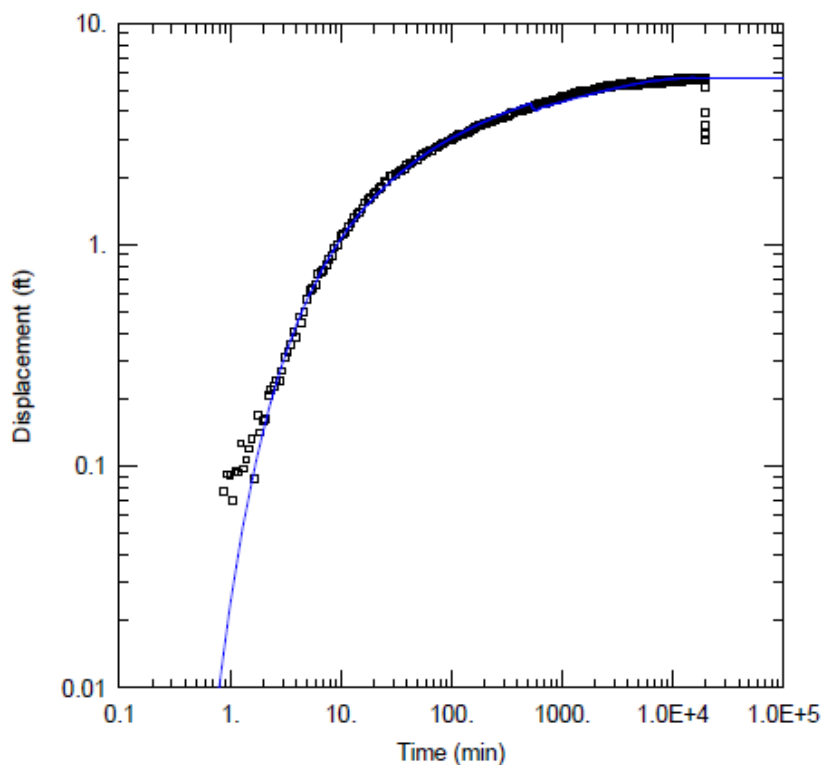
Figures 6-5 and 6-6 illustrate the best fitting curves for the drawdown vs. time plot for Well 3 and Well 3A, located 20 feet and 37 feet from the pumping well, respectively. Well 3 is completed with slotted casing from 157 to 773 feet below the surface, and is uncased (i.e., open hole) to a depth of greater than 975 feet. Well 3A is completed with slotted casing from the surface to 346 feet below the surface. These two wells fully penetrate the aquifer and are completed in the same units that Well 3B is pumping from. The data were fitted to various type curves and found to fit the Hantush (leaky artesian aquifer with storage in the confining unit) family of curves.

Water levels in both wells stabilized after about a week of pumping and did not change more than 0.2 feet over the second week of pumping. Projecting the type curves forward in time indicates that water levels will not increase with continued pumping unless the pumping rate is increased or some other external change, such as pumping from another source, is imposed on the aquifer. The test data demonstrates the aquifer reaches steady state after about one week of pumping at 45 gpm and that the aquifer can sustain this rate with no additional drawdown indefinitely. The results of the analysis are summarized in Table 6.1.



WELL TEST ANALYSIS					
Data Set: <u>C:\...\BSE Well 3 Hantush.aqt</u>			Time: <u>14:45:50</u>		
Date: <u>09/23/12</u>					
AQUIFER DATA					
Saturated Thickness: <u>250. ft</u>			Anisotropy Ratio (Kz/Kr): <u>0.1</u>		
Aquitard Thickness (b'): <u>1. ft</u>			Aquitard Thickness (b''): <u>1. ft</u>		
WELL DATA					
Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
Well 3B	0	0	□ Well 3	20	0
SOLUTION					
Aquifer Model: <u>Leaky</u>			Solution Method: <u>Hantush</u>		
T = 2637.8 gal/day/ft			S = <u>0.003992</u>		
r/B' = <u>0.1318</u>			β' = <u>0.1</u>		
r/B'' = <u>0.</u>			β'' = <u>0.</u>		

Figure 6-5 Drawdown vs. time plot for Well 3, located 20 feet from Well 3B



WELL TEST ANALYSIS					
Data Set: <u>C:\...\BSE Well 3A Hantush.aqt</u>			Time: <u>14:39:39</u>		
Date: <u>09/23/12</u>					
AQUIFER DATA					
Saturated Thickness: <u>250</u> . ft			Anisotropy Ratio (Kz/Kr): <u>0.1</u>		
Aquitard Thickness (b'): <u>1</u> . ft			Aquitard Thickness (b''): <u>1</u> . ft		
WELL DATA					
Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
Well 3B	0	0	Well 3A	37	0
SOLUTION					
Aquifer Model: <u>Leaky</u>			Solution Method: <u>Hantush</u>		
T = <u>4273</u> . gal/day/ft			S = <u>0.003045</u>		
r/B' = <u>0.1072</u>			B' = <u>0.1</u>		
r/B'' = <u>0.</u>			B'' = <u>0.</u>		

Figure 6-6 Drawdown vs. time plot for Well 3A, located 37 feet from Well 3B.

Figures 6-7 to 6-9 present best fitting curves for the drawdown vs. time plot for MW-3, located 178 feet from the Well 3B, MW-4, located 69 feet from Well 3B, and MW-5, located 14 feet from Well 3B. All

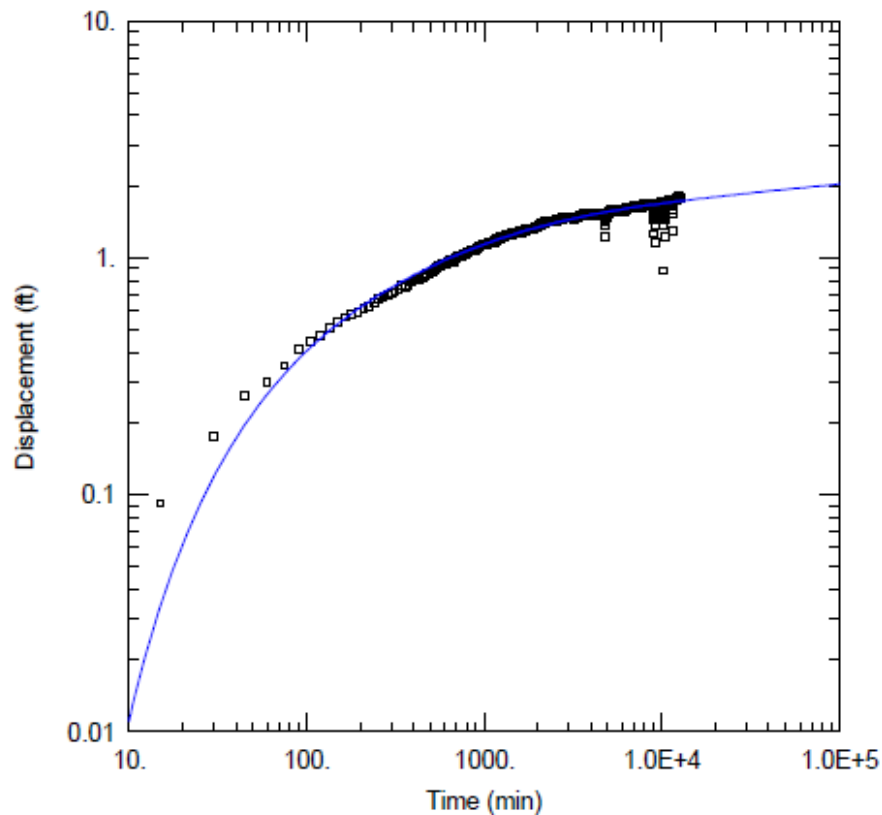
three of these monitoring wells are 200 feet deep. The gamma logs indicate that these wells are completed in a finer grained portion of the aquifer and do not penetrate the more permeable deeper zones of the aquifer that Wells 3, 3A and 3B penetrate. Well 3B pumps from slotted casing 250 to 350 feet deep, 50 feet below the bottom of the monitoring wells. Well 3B is pumping from a deeper part of the aquifer that is generally more permeable than the upper zone.

We used the Neumann-Witherspoon leaky artesian solution to account for the vertical variation of the aquifer properties and the partial penetration effects of the monitoring well completions. The Neumann-Witherspoon solution estimates the hydraulic properties of an aquifer-aquitard system for monitoring wells completed in an aquitard above a pumped aquifer. Although it was originally derived for aquifers with low leakance (the so called slightly leaky aquifer) Neumann and Witherspoon showed that it can be used for aquitards with high leakance values (the so called very leaky aquifer) (Kruseman and deRidder 1990). Although the monitoring wells are not completed in the tightest portion of the aquitard, they are completed in a finer grained portion of the aquifer that is probably transitional in nature to the overlying dense clay aquitard. We used this method to account for the lower permeability of the upper portion of the aquifer and the partial penetration effects of the monitoring wells.

The transducer in MW-3 produced several short duration spikes in the data of several inches to about one foot after about 3 days of pumping. The transducer experienced a static shift of several inches after about 9 days of pumping. These events correlate to manual measurements made with an electric water level indicator in the well. None of the changes in transducer data were confirmed by changes in water level from the manual measurements. It appears that transducer was disturbed when the manual measurements were made, possibly by snagging the cable. The transducer position seems to have been permanently shifted after the event on the 9th day of pumping making the last part of the curve useless for curve fitting. We removed the data after 13,000 minutes of pumping (9.03 days) for the curve fitting process but left the short duration spikes in the data because they did not seem to result in a long term shift in the data and could easily be ignored when fitting the curves.

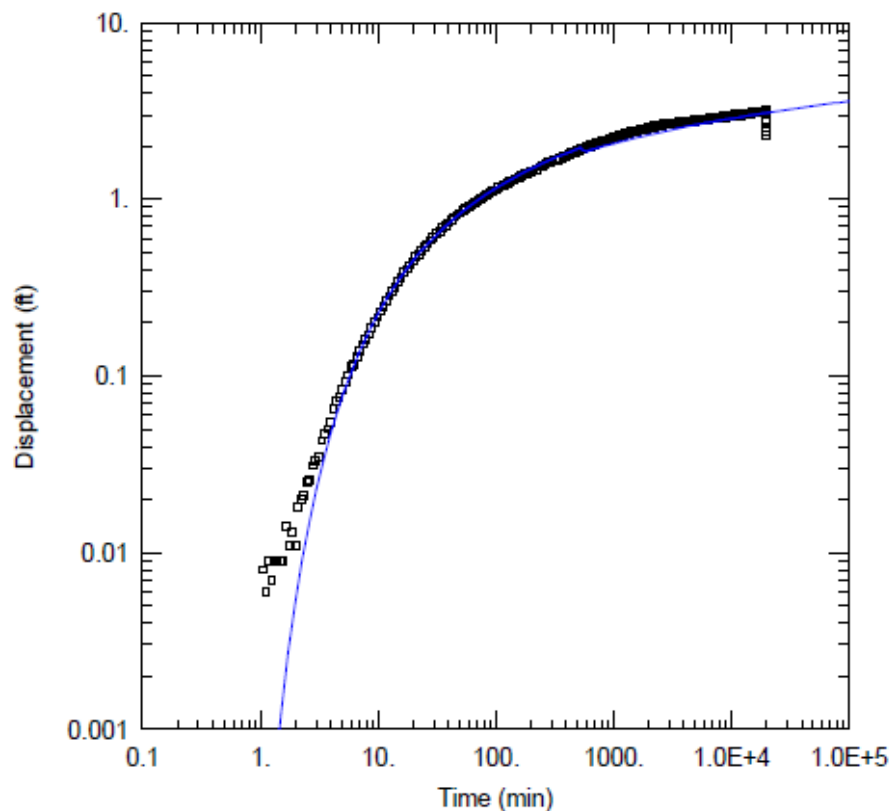
The monitoring wells behaved differently than the fully penetrating wells (Well 3 and Well 3A) due to the slower vertical drainage of the finer grained material in the upper portion of the aquifer, the partial penetration of the monitoring wells, and the vertical gradients created by pumping Well 3B. Water levels in MW-4 had nearly stabilized by the end of the test. The data from MW-3 and MW-5 indicates that water levels were still declining at a very small rate, but that the water levels were getting close to stabilizing. Projecting the type curves forward indicates that water levels in MW4 would not experience any additional drawdown with prolonged pumping and the water levels in MW3 and MW5 would experience additional drawdown of a few tenths of a foot at most. The results of the curve fitting using the Neumann-Witherspoon curves are summarized in Table 5-1. The results from the Neumann-Jacob curves fits from APT-1 using Well 3 as the pumping well are also listed on Table 5-1.

The average transmissivity for the aquifer based upon the results of APT-2 is about 4,800 gpd/ft. This is about 45% lower than the average value from APT-1 (8,700 gpd/ft). This difference is significant, but within the range of variability typically seen in multiple pumping tests from an aquifer. A large part of this difference is probably caused by the less permeable nature of the aquifer in the vicinity of Well 3B relative to Well 3 as demonstrated by the gamma logs and the wells' different specific capacities.



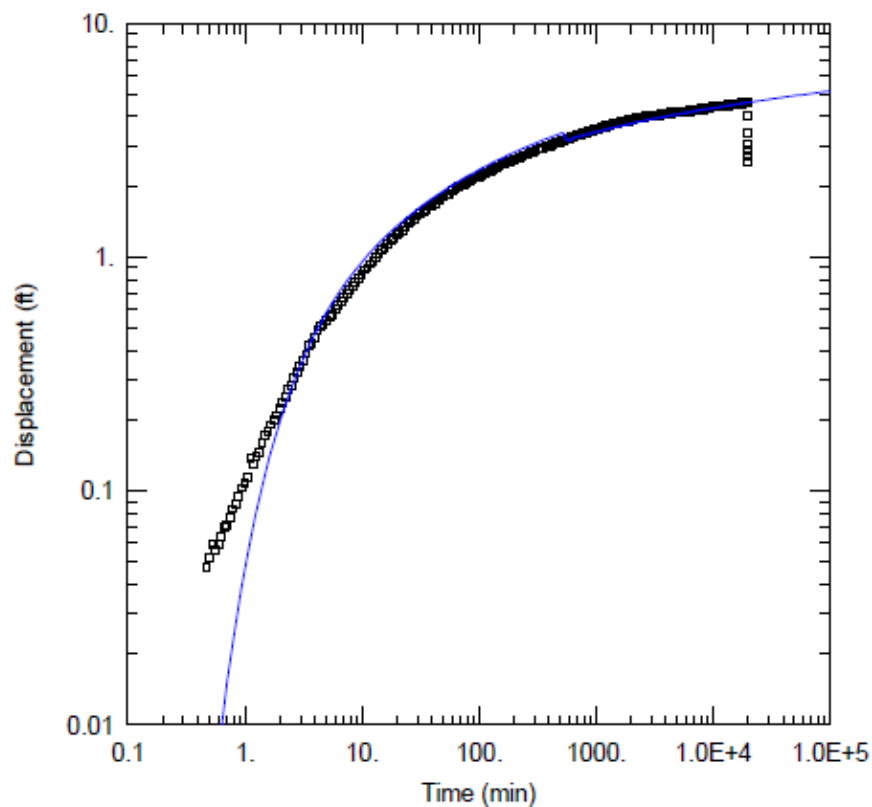
WELL TEST ANALYSIS					
Data Set: C:\...\BSE MW3 Neumann-Witherspoon 9 days.aqt					
Date: 09/28/12			Time: 11:59:37		
AQUIFER DATA					
Saturated Thickness: 150. ft			Anisotropy Ratio (Kz/Kr): 0.1		
Aquitard Thickness (b'): 70. ft			Aquitard Thickness (b''): 700. ft		
WELL DATA					
Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
Well 3B	0	0	□ MW3	178	0
SOLUTION					
Aquifer Model: Leaky			Solution Method: Neuman-Witherspoon		
T = 6888.3 gal/day/ft			S = 0.001914		
r/B = 0.1516			B = 1.0E-5		
T2 = 2.913E+4 gal/day/ft			S2 = 0.005111		

Figure 6-7 Drawdown vs. time plot for MW-3, located 178 feet from Well 3B



WELL TEST ANALYSIS					
Data Set: C:\...\BSE MW4 Neumann-Witherspoon.agt					
Date: 09/23/12			Time: 15:58:15		
AQUIFER DATA					
Saturated Thickness: 150. ft			Anisotropy Ratio (Kz/Kr): 0.1		
Aquitard Thickness (b'): 70. ft			Aquitard Thickness (b''): 700. ft		
WELL DATA					
Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
Well 3B	0	0	□ MW4	69.5	0
SOLUTION					
Aquifer Model: Leaky			Solution Method: Neuman-Witherspoon		
T = 5690.7 gal/day/ft			S = 0.00267		
r/B = 0.151			B = 0.001		
T2 = 1.077E+4 gal/day/ft			S2 = 0.001		

Figure 6-8 Drawdown vs. time plot for MW-4, located 69.5 feet from Well 3B



WELL TEST ANALYSIS					
Data Set: <u>C:\...\BSE MW5 Neumann-Witherspoon.aqt</u>					
Date: <u>09/24/12</u>			Time: <u>08:56:10</u>		
AQUIFER DATA					
Saturated Thickness: <u>150</u> ft			Anisotropy Ratio (Kz/Kr): <u>0.1</u>		
Aquitard Thickness (b'): <u>70</u> ft			Aquitard Thickness (b''): <u>700</u> ft		
WELL DATA					
Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
Well 3B	0	0	□ MW5	13	0
SOLUTION					
Aquifer Model: <u>Leaky</u>			Solution Method: <u>Neuman-Witherspoon</u>		
T = <u>4522.4</u> gal/day/ft			S = <u>0.01411</u>		
r/B = <u>0.07568</u>			β = <u>0.001</u>		
T2 = <u>1.077E+4</u> gal/day/ft			S2 = <u>0.001</u>		

Figure 6-9 Drawdown vs. time plot for MW-5, located 13 feet from the Well 3.

Well	Distance (ft)	T (gpd/ft)	S	r/B	APT-2 Solution	APT-1 T value	APT-1 Solution
Well 3	20	2,640	0.003	0.13	Hantush	NA	
Well 3A	37	4,273	0.003	0.11	Hantush	NA	
MW-3	69.5	6,888	0.002	0.08	Neumann-Witherspoon	11,750	Hantush-Jacob
MW-4	13	5,690	0.002	0.151	Neumann-Witherspoon	7,342	Hantush-Jacob
MW-5	178	4,522	0.014	0.07	Neumann-Witherspoon	6,984	Hantush-Jacob
Average		4,802	0.005	0.108		8,692	

NA=Not Applicable

Table 6-1 Summary of transmissivity values from curve fitting.

1.28 PROJECTION OF DRAWDOWN OVER PROJECT DURATION

The project is expected to have an operational life of 25 years. While it is not possible to pump wells for 25 years to directly observe the response of the aquifer, it is possible to project future drawdown in the aquifer from the pumping test data.

In a perfectly confined, homogeneous aquifer with no gradient (no regional flow), the cone of depression created by a pumping well would theoretically expand for as long as the well was pumped. In nature, no aquifers are perfectly confined and there is almost always some regional flow within the aquifer. In real world conditions, the cone of depression around a pumping well grows until it intercepts enough recharge or regional flow to replace the water being extracted, at which point the cone stabilizes and ceases to expand. This creates a new steady-state condition within the aquifer where recharge and discharge are balanced and the flow pattern does not change unless there is some other disturbance in the system.

APT-1 and APT-2 both demonstrated that the aquifer receives recharge from leakance from the fine grained units above and below the aquifer. APT-1 demonstrated that the Orchard Well reached steady state conditions after about one day of pumping. APT-2 demonstrated that the aquifer around Well 3B reached steady state after about one week of pumping.

Figure 6-10 is a distance drawdown plot for APT-2 after 14 days of pumping. The data points represent the drawdown measured in the three monitoring wells and in Wells 3 and 3A at the end of the pumping test. The data show some scatter due to the variations in aquifer properties, both laterally and vertically, and the differences in well construction. The blue line passes through Well 3 and Well 3A, the two fully penetrating monitoring wells. The blue line also passes through MW-4, the monitoring well that had reached steady state. MW-3 and MW-5 do not fall on this line. The red line passes through MW-3, MW-4, and MW-5. All three monitoring wells fit closely to the line but Well 3 and Well 3A do not. The discrepancy in the data fits indicates that aquifer properties for the shallow monitoring wells are different than for the fully penetrating monitoring wells. Looking at the red line as the most conservative indicator, the cone of depression from Well 3B is not expected to extend beyond about 1,000 feet. This means that pumping Well 3B at 45 gpm at steady state will not cause measureable drawdown in the aquifer beyond about 1,000 feet from the pumping well. This is largely consistent with the projections made from the APT-1 data that estimated a radius of influence of about 1,500 feet using projected water levels from non-

steady state data. This estimate is also confirmed by the field observations that did not measure any APT-related drawdown in MW-6 (approximately 1,500 feet away), nor at any of the other more distant wells being monitored during APT-2.

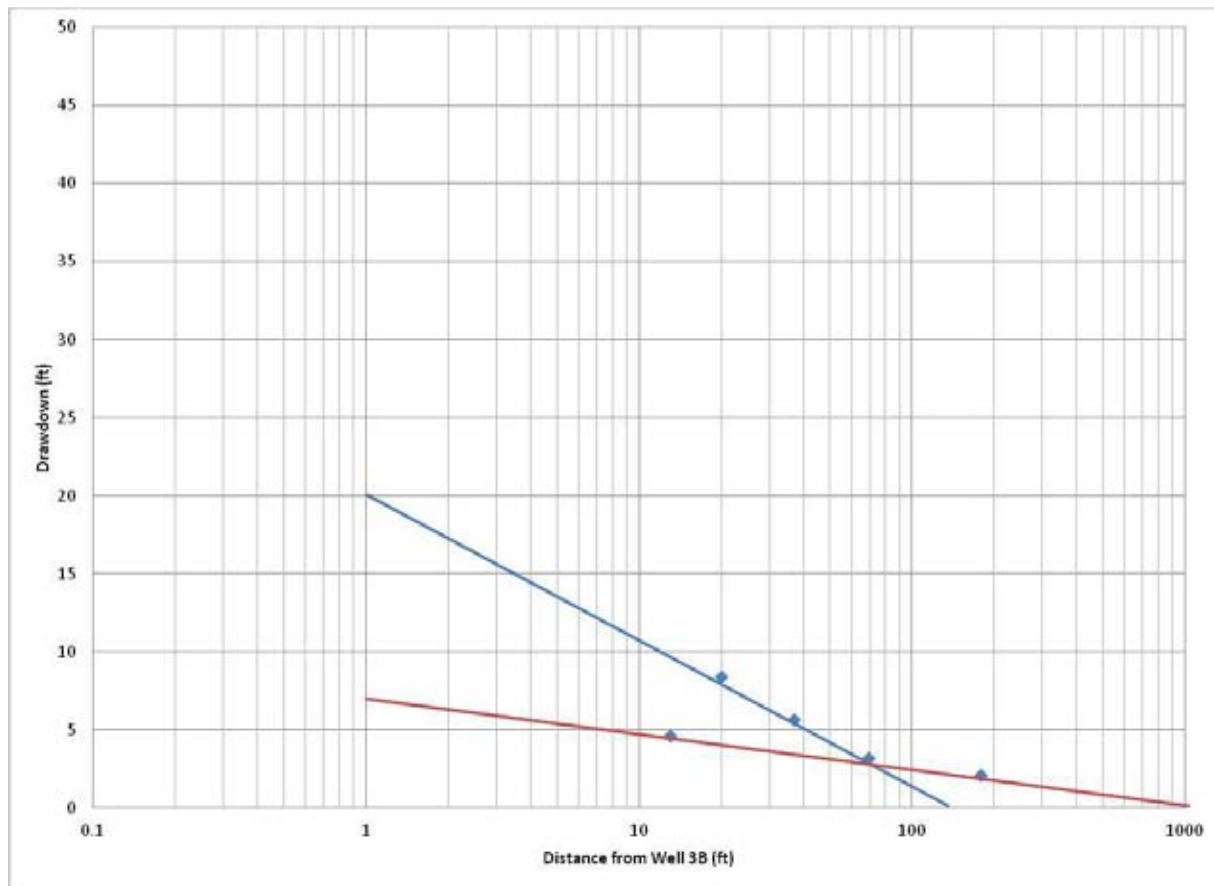


Figure 6-10 Drawdown vs. distance from Well 3B after 14 days of pumping at 45 gpm

1.29 SUMMARY

APT-2 was conducted for 14 days from September 7 to 21, 2012. Well 3B was installed for this purpose and was pumped at a nominal rate of 45 gpm while water levels were recorded in two fully penetrating monitoring wells (Well 3 and Well 3A) as well as three partially penetrating monitoring wells. Several additional wells and monitoring wells were monitored during the test but no drawdown was observed.

Analysis of the test data demonstrated that the measured aquifer properties were similar, though the transmissivity was lower than, the results from APT-1. The lower transmissivity values are probably a function of the finer grained aquifer material discovered in the vicinity of Well 3B.

APT-2 confirmed that the aquifer behaves as a leaky confined aquifer. The data from the fully penetrating observation wells indicates that the aquifer reached steady state conditions after about one week of pumping. The monitoring wells are completed in a finer grained portion of the aquifer. One of the three monitoring wells had reached steady state by the end of the test. The other two monitoring wells were within about 0.2 feet of steady state conditions.

The geometry of the aquifer was better defined by running gamma logs in several wells on site. The logging showed that the aquifer lies between approximately 130 and 350 feet below the surface, with the most permeable zones below about 220 feet. The production wells for the facility are expected to be approximately 350 deep and any monitoring wells will only need to be constructed to this depth to fully penetrate the aquifer. The lower portion of Well 3 is completed in predominantly fine grained deposits and contributed minimal amounts of water during APT-1.

Well 3A was evaluated and determined to be approximately 350 feet deep and can produce over 100 gpm. Heavy sand production related to the age and simple construction of the well prevented it from being used as a pumping well. Well 3B was drilled to 360 feet and was completed with slotted casing from 255 to 355 feet. The production of the well was limited by a combination of formation damage from the drilling process (which was partially restored by aggressive development efforts) and the presence of less permeable formation around Well 3B as compared to wells 3 or 3A. The well was able to produce 45 gpm for the duration of APT-2 but water levels in adjacent wells indicates that the majority of the drawdown in Well 3B was due in part to poor well efficiency and that a more efficient well could have produced several times as much water.

The data indicates that the aquifer can support two wells pumping 45 gpm each indefinitely with a cone of depression that will not propagate beyond about 1,000 feet away from each well. The data from APT-2 supports the conclusions reached by the APT-1 report.

- The aquifer on the project site can easily produce the water needed for the project.
- The cone of depression will not extend off site
- Pumping from the project wells will not cause additional drawdown in off-site wells.
- Pumping from the project wells will not affect Stump Spring.
- Retiring active water rights in the basin equal to the project pumping will mitigate the impacts of the project and render the project water-neutral for the basin water balance.

- The project will not affect groundwater dependent vegetation because there is no groundwater dependent vegetation within the projected cone of depression of the project wells.

References

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- California Department of Water Resources (DWR), 1975. California's Ground Water. Bulletin No. 118.
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Down to Earth.

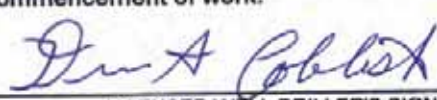
Down to Business.™

Inyo County Well Installation Permit

P. O. Box 427, Independence, CA 93526
(760) 878-0238 • Fax (760) 878-0239

207 W. South Street, Bishop, CA 93514
(760) 873-7888 • Fax (760) 873-3236

Permit No. _____

TYPE OF WORK (Check) New Well ☒ Repair or Modification ☐ Destruction ☐	USE Domestic ☐ Test Well ☐ Irrigation ☒ Municipal ☐ Monitoring ☐ Other ☐	EQUIPMENT (Check) Rotary ☒ Cable Tool ☐ Other ☐
PROPOSED WELL DEPTH 350 Feet	PROPOSED CASING Steel ☒ Other _____ Diameter 8" Wall or Gage _____	
PROPOSED SEALING ZONE From 0 to 230 Feet	SEALING MATERIAL (Check) Neat Cement ☐ Bentonite Clay ☐ Cement Grout ☒ Concrete ☐	
PHYSICAL SITE ADDRESS: Legal Description - 5252, Sec 27, T22N, R10E ASSESSOR'S PARCEL NO. 048-690-09	DATE OF WORK Start 08/06/12 Completion 08/10/12	
NAME OF WELL OWNER: Mary Jane McMonigle and Linda Ekins as Co-Trustees of the Mary Lee Wiley Trust MAILING ADDRESS: 612 South 7th Street Las Vegas Nevada 89101 PHONE NUMBER:	NAME OF WELL DRILLER: Cascade Drilling, L.P. BUSINESS ADDRESS: 555 South Harbor Blvd. La Habra, California 90631 PHONE NUMBER: (562) 929-8176	
(FOR OFFICE USE ONLY) DISPOSITION OF APPLICATION ☐ APPROVED ☐ DENIED ☐ APPROVED WITH CONDITIONS LISTED: ☐ Minimum _____ ft. seal of annular space (minimum 2 inches) is required and must be witnessed by Inyo County Environmental Health Services. ☐ A concrete pad shall be placed around the well casing that extends at least two feet laterally in all directions from the outside of the well boring and is a minimum of 4 inches thick. The pad must be sloped away from the well casing. ☐ Well driller's log shall be submitted to Inyo County Environmental Health Services within 30 days of completion of the well. ☐ _____ 	C-57 LICENSE NUMBER: 938110 Cash Deposit ☐ Bond Posted ☐ \$ _____ Fee paid on _____ Receipt No. _____ I hereby agree to comply with all regulations of the Department of Environmental Health Services and with all ordinances and laws of Inyo County and of the State of California pertaining to well construction, repair, modification and destruction at the time of commencement of work.  _____ LICENSED WELL DRILLER'S SIGNATURE 8/2/12 _____ DATE Site Approval/Permit Application Approval _____ Date Construction Inspection _____ Date Final Approval _____ Date	
Inyo County Environmental Health Services recommends that an acceptable bacteriological sample be obtained after the well is completed.		

Well 3B Boring Logs

WELL NUMBER Well 3B

PROJECT BrightSource- Hidden Hills OWNER Mary Lee Wiley Trust

LOCATION N of Tecopa Road PROJECT NO. 33153001

TOTAL DEPTH 360 ft SURFACE ELEV. ~2260 ft msl BOREHOLE DIA. 15-inch

WATER FIRST ENCOUNTERED ~130 ft bgs AT COMPLETION _____

SCREEN DIA. 8-inch ID LENGTH 100 ft SLOT SIZE 0.030- inch

CASING DIA. 8-inch ID LENGTH ~255 ft TYPE Steel

SCREENED INTERVAL 255-355 ft bgs OTHER _____

DRILLING COMPANY Cascade Drilling DRILLING METHOD Mud Rotary

DRILLER Gary GEOLOGIST Adam O'Connor DATE DRILLED 8/13/12 to 8/18/12



DEPTH (feet)	GRAPHIC LOG	WELL CONSTRUCTION	DRIVE INTERVAL	RECOVERED INTERVAL	SOIL SYMBOL	DESCRIPTION/SOIL CLASSIFICATION
						Surface:
0						
10					SW	Sand (well graded) with fine gravel (10%) and silt (5%)
20						
30						
40						
50					SW	Sand (well graded) with fine gravel (15%) and silt (5%)
60						
70					SW	Sand (fine to medium) with fine gravel (5%) and silt (5%)
80						
90					SC	Sand (fine to medium) with fine gravel (5%) and silt/clay (15%)



Shaping the Future

WELL NUMBER Well 3BPROJECT BrightSource- Hidden HillsOWNER Mary Lee Wiley TrustLOCATION N of Tecopa RoadPROJECT NO. 33153001TOTAL DEPTH 360 ftSURFACE ELEV. ~2260 ft mslBOREHOLE DIA. 15-inchWATER FIRST ENCOUNTERED ~130 ft bgs

AT COMPLETION

SCREEN DIA. 8-inch IDLENGTH 100 ftSLOT SIZE 0.030- inchCASING DIA. 8-inch IDLENGTH ~255 ftTYPE SteelSCREENED INTERVAL 255-355 ft bgs

OTHER

DRILLING COMPANY Cascade DrillingDRILLING METHOD Mud RotaryDRILLER GaryGEOLOGIST Adam O'ConnorDATE DRILLED 8/13/12 to 8/18/12

DEPTH (feet)	GRAPHIC LOG	WELL CONSTRUCTION	DRIVE INTERVAL	RECOVERED INTERVAL	SOIL SYMBOL	DESCRIPTION/SOIL CLASSIFICATION
100						
110						
120						
130					SC	Sand (fine, poorly graded) with silt/clay (30%)
140						
150						
160						
170					SC	Sand (fine, poorly graded) with fine gravel (5%) and silt/clay (30%)
180						
190						

WELL NUMBER Well 3B

PROJECT BrightSource- Hidden Hills

OWNER Mary Lee Wiley Trust

LOCATION N of Tecopa Road

PROJECT NO. 33153001

TOTAL DEPTH 360 ft

SURFACE ELEV. ~2260 ft msl

BOREHOLE DIA. 15-inch

WATER FIRST ENCOUNTERED ~130 ft bgs

AT COMPLETION

SCREEN DIA. 8-inch ID

LENGTH 100 ft

SLOT SIZE 0.030- inch

CASING DIA. 8-inch ID

LENGTH ~255 ft

TYPE Steel

SCREENED INTERVAL 255-355 ft bgs

OTHER

DRILLING COMPANY Cascade Drilling

DRILLING METHOD Mud Rotary

DRILLER Gary

GEOLOGIST Adam O'Connor

DATE DRILLED 8/13/12 to 8/18/12



DEPTH (feet)	GRAPHIC LOG	WELL CONSTRUCTION	DRIVE INTERVAL	RECOVERED INTERVAL	SOIL SYMBOL	DESCRIPTION/SOIL CLASSIFICATION
						Surface:
200					SC	Sand (fine to medium) with fine gravel (5%) and silt/clay (15%)
210						
220						
230						
240						
250						
260						
270						
280						
290						
					SC	Sand (fine to coarse, well graded) with fine gravel (5%) and silt/clay (15%)

WELL NUMBER Well 3B

PROJECT BrightSource- Hidden Hills OWNER Mary Lee Wiley Trust

LOCATION N of Tecopa Road PROJECT NO. 33153001

TOTAL DEPTH 360 ft SURFACE ELEV. ~2260 ft msl BOREHOLE DIA. 15-inch

WATER FIRST ENCOUNTERED ~130 ft bgs AT COMPLETION _____

SCREEN DIA. 8-inch ID LENGTH 100 ft SLOT SIZE 0.030- inch

CASING DIA. 8-inch ID LENGTH ~255 ft TYPE Steel

SCREENED INTERVAL 255-355 ft bgs OTHER _____

DRILLING COMPANY Cascade Drilling DRILLING METHOD Mud Rotary

DRILLER Gary GEOLOGIST Adam O'Connor DATE DRILLED 8/13/12 to 8/18/12



DEPTH (feet)	GRAPHIC LOG	WELL CONSTRUCTION	DRIVE INTERVAL	RECOVERED INTERVAL	SOIL SYMBOL	DESCRIPTION/SOIL CLASSIFICATION
						Surface:
300						
310					SC	Sand (fine to medium) with silt/clay (20%)
320						
330					CH	Clay with fine sand (10%)
340						
350						
360					SW	Sand (fine to coarse, well graded) with fine to medium gravel (black to dark gray in color)
						borehole terminus at 360 ft bgs
370						
380						
390						

Well 3B Geophysical Logs

ELECTRIC LOG
GAMMA-RAY

Job No. 16672	Company CASCAD DRILLING		
	Well	WELL 3B	
	Field	HIDDEN HILLS	
File No.	County	INYO	State CA
Location:		Other Services:	
GPS: N 350 58.344' W 1150 52.951'		GR CALIPER	
Sec.	Twp.	Rge.	
Permanent Datum	G.L.		Elevation
Log Measured From	G.L.	0'	above perm. datum
Drilling Measured From	G.L.		K.B. D.F. G.L.
Date	08-18-2012		
Run Number	ONE		
Depth Driller	360'		
Depth Logger	361'		
Bottom Logged Interval	361'		
Top Log Interval	0'		
Casing Driller	15 1/4" @ 5'		
Casing Logger	5'		
Bit Size	14 3/4"		
Type Fluid in Hole	BENTONITE		
Density / Viscosity	N/A		
pH / Fluid Loss	N/A		
Source of Sample	PIT		
Rm @ Meas. Temp	12.0 @ 77F		
Rmf @ Meas. Temp	12.8 @ 77F		
Rmc @ Meas. Temp	N/A		
Source of Rmf / Rmc	MEAS		
Rm @ BHT	N/A		
Time Circulation Stopped	1 HOUR		
Time Logger on Bottom	0915		
Max. Recorded Temperature	N/A		
Equipment Number	PS-5		
Location	LA		
Recorded By	SCHUMACHER		
Witnessed By	A. O'CONNOR		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Calibration Report

Database File 16672.db
Dataset Pathname well3A/run1/ELOG2
Dataset Creation Sat Aug 18 09:29:29 2012

Serial:
Model:

D1
DTQ

Shop Calibration Performed:
Before Survey Verification Performed:
After Survey Verification Performed:

Fri Sep 02 10:21:35 2011
Wed May 18 15:44:28 2011
Wed May 18 15:45:08 2011

Shop Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		Gain	Offset
Short	8.723	99.406		10.200	102.200	Ohm-m	1.015	1.350
Long	7.680	96.048		10.200	102.200	Ohm-m	1.041	-17.600
IEE	52.920	3270.320	counts	0.058	3.579	A		
VSN	49.080	5373.320	counts	0.936	102.490	V		
VLN	204.820	45711.480	counts	3.907	871.891	V		

Before Survey Verification

	Readings			References			Results	
	Zero	Cal		Zero	Cal		Gain	Offset
Short	80.215	146.194		82.548	146.243	Ohm-m	0.965	5.112
Long	1342.350	4974.190		4976.440	4976.440	Ohm-m	0.991	47.934
IEE	54.260	3251.500	counts	0.059	3.558	A		
VSN	48.900	5340.600	counts	0.933	101.865	V		
VLN	204.580	45427.860	counts	3.902	866.481	V		

After Survey Verification

	Readings			References			Results	
	Zero	Cal		Zero	Cal		Gain	Offset
Short	79.445	146.186		80.215	146.194	Ohm-m	0.989	1.677
Long	1341.850	4973.840		4974.190	4974.190	Ohm-m	1.000	0.554
IEE	54.360	3249.300	counts	0.059	3.556	A		
VSN	48.520	5336.700	counts	0.925	101.791	V		
VLN	204.880	45393.900	counts	3.908	865.833	V		

After Survey Verification compared to Before Survey Calibration

	Zero			Cal		
	Before	After		Before	After	
Short	82.548	80.215	Ohm-m	146.243	146.194	Ohm-m
Long	1377.960	1342.350	Ohm-m	4976.440	4974.190	Ohm-m

Gamma Ray Calibration Report

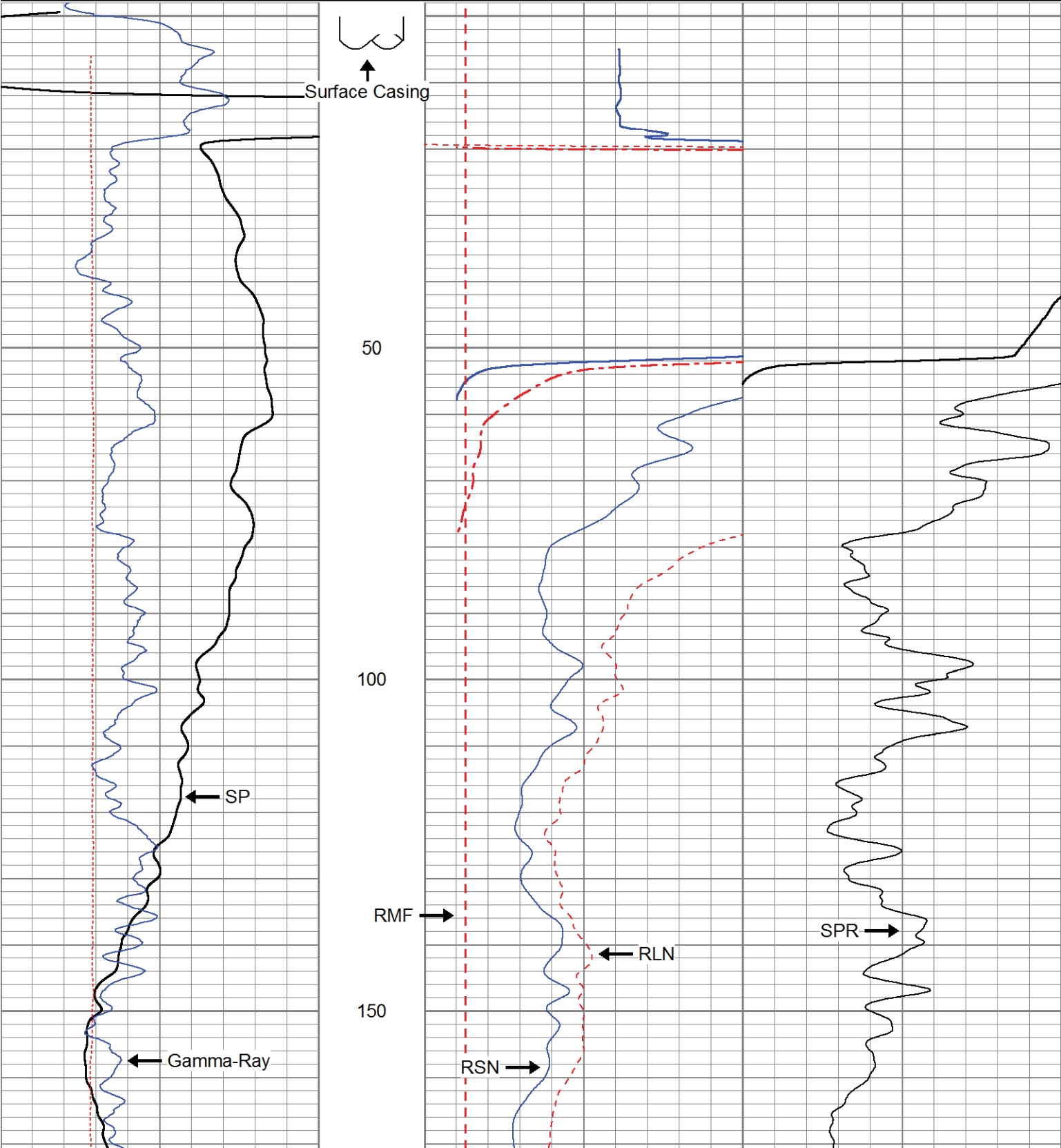
Serial Number: D4
Tool Model: ELOG
Performed: Sat Apr 09 12:21:07 2011

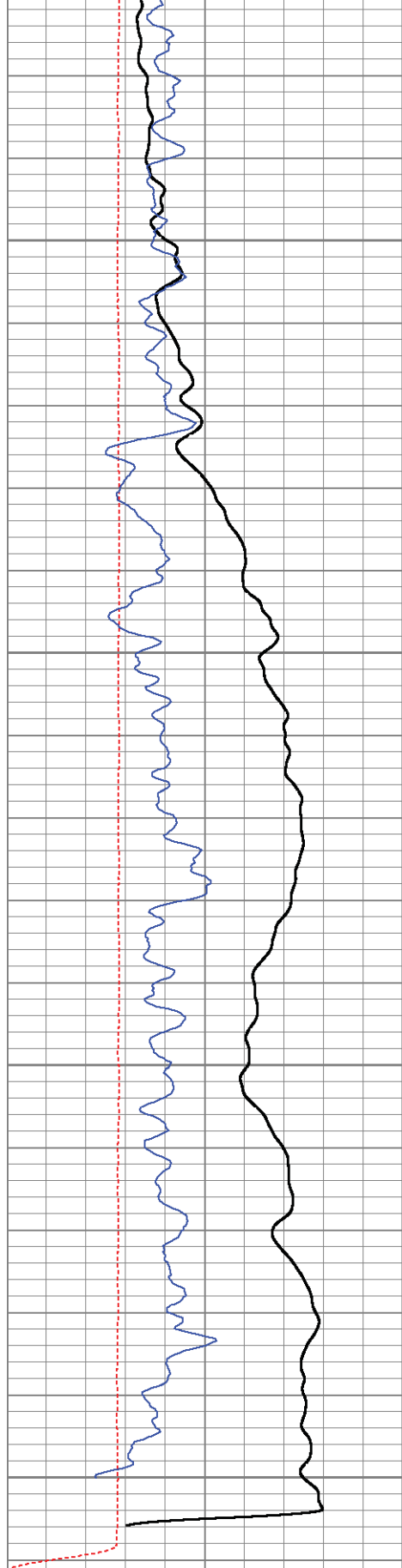
Calibrator Value: 162.0 GAPI

Background Reading: 212.4 cps
Calibrator Reading: 707.5 cps

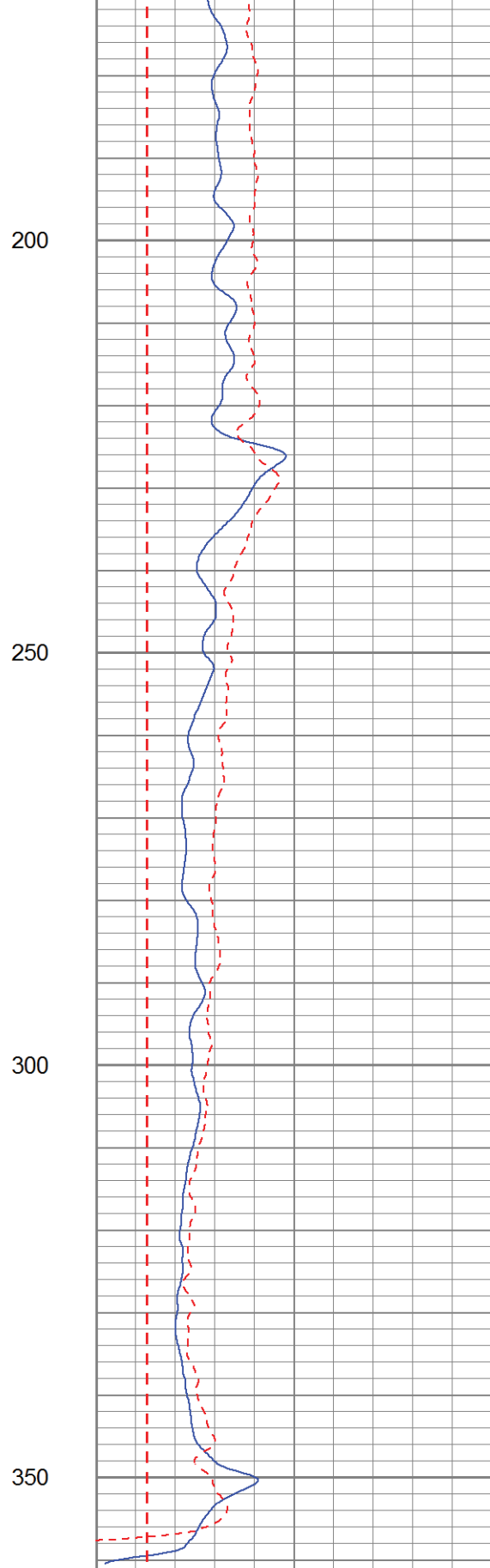
Sensitivity: 0.3272 GAPI/cps

-30	SP (mV)	70	0	RSN (Ohm-m)	100	25	SPR (Ohm-m)	75
0	Line Speed (ft/min)	-100	0	RLN (Ohm-m)	100	75	SPR back-up (Ohm-m)	575
10	Gamma Ray (GAPI)	110	0	RMF (Ohm-m)	100			
			100	RSN x 10 (Ohm-m)	1000			
			100	RLN x 10 (Ohm-m)	1000			

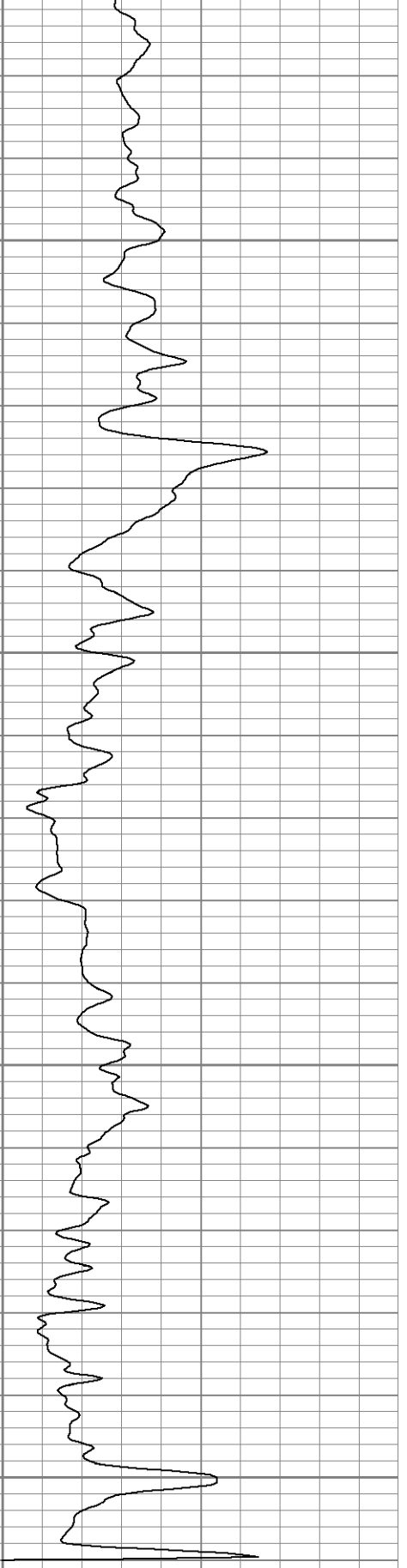




-30	SP (mV)	70
0	Line Speed (ft/min)	-100
10	Gamma Ray (GAPI)	110



0	RSN (Ohm-m)	100
0	RLN (Ohm-m)	100
0	RMF (Ohm-m)	100
100	RSN x 10 (Ohm-m)	1000
100	RLN x 10 (Ohm-m)	1000



25	SPR (Ohm-m)	75
75	SPR back-up (Ohm-m)	575

CALIPER BOREHOLE VOLUMES

Job No. 16672		Company CASCADE DRILLING	
Well WELL 3B		Field HIDDEN HILLS	
File No.		County INYO	State CA
Location:		Other Services:	
GPS: N 350 58.344' W 1150 52.951'		GRELOG	
Sec.	Twp.	Rge.	
Permanent Datum	G.L.	Elevation	Elevation
Log Measured From	G.L.	above perm. datum	K.B. D.F. G.L.
Drilling Measured From	G.L.		
Date	08-18-2012		
Run Number	ONE		
Depth Driller	360'		
Depth Logger	361'		
Bottom Logged Interval	361'		
Top Log Interval	0'		
Casing Driller	15 1/4" @ 5'		
Casing Logger	5'		
Bit Size	14 3/4"		
Type Fluid in Hole	BENTONITE		
Density / Viscosity	N/A		
pH / Fluid Loss	N/A		
Source of Sample	PIT		
Rm @ Meas. Temp	12.0 @ 77F		
Rmf @ Meas. Temp	12.8 @ 77F		
Rmc @ Meas. Temp	N/A		
Source of Rmf / Rmc	MEAS		
Rm @ BHT	N/A		
Time Circulation Stopped	1 HOUR		
Time Logger on Bottom	0915		
Max. Recorded Temperature	N/A		
Equipment Number	PS-5		
Location	LA		
Recorded By	SCHUMACHER		
Witnessed By	A. O'CONNOR		

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Comments

Calibration Report

Database File 16672.db
 Dataset Pathname well3A/CAL/CAL
 Dataset Creation Sat Aug 18 10:01:10 2012

Serial Number:
Tool Model:
Performed:

PS-4_Short
GRPH_CAL
Fri Jun 29 11:45:25 2012

Point #	Reading		Reference	
1	250.88	cps	4.00	degF
2	1458.28	cps	10.00	degF
3		cps		degF
4		cps		degF
5		cps		degF
6		cps		degF
7		cps		degF
8		cps		degF
9		cps		degF
10		cps		degF

XY Caliper Calibration Report

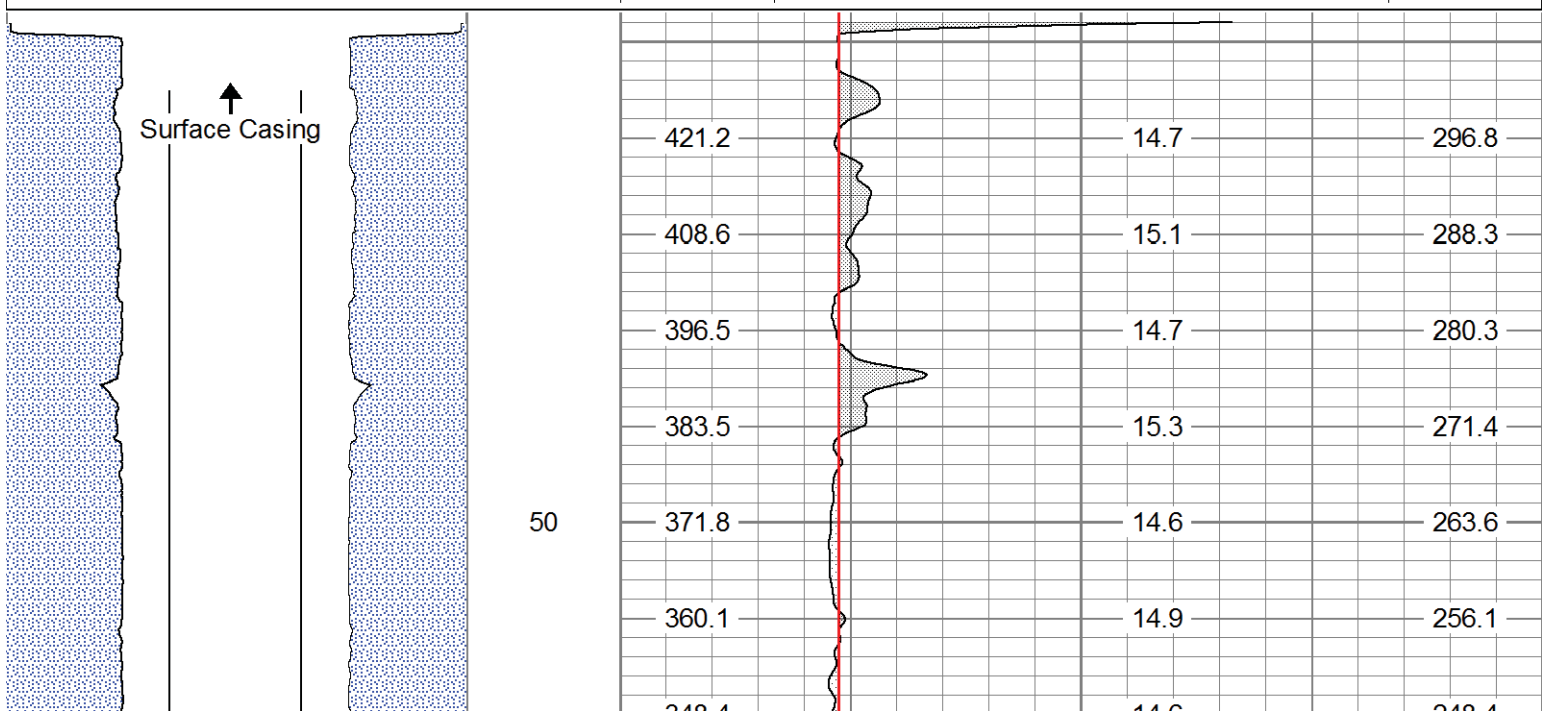
Serial Number/Model:
Performed:

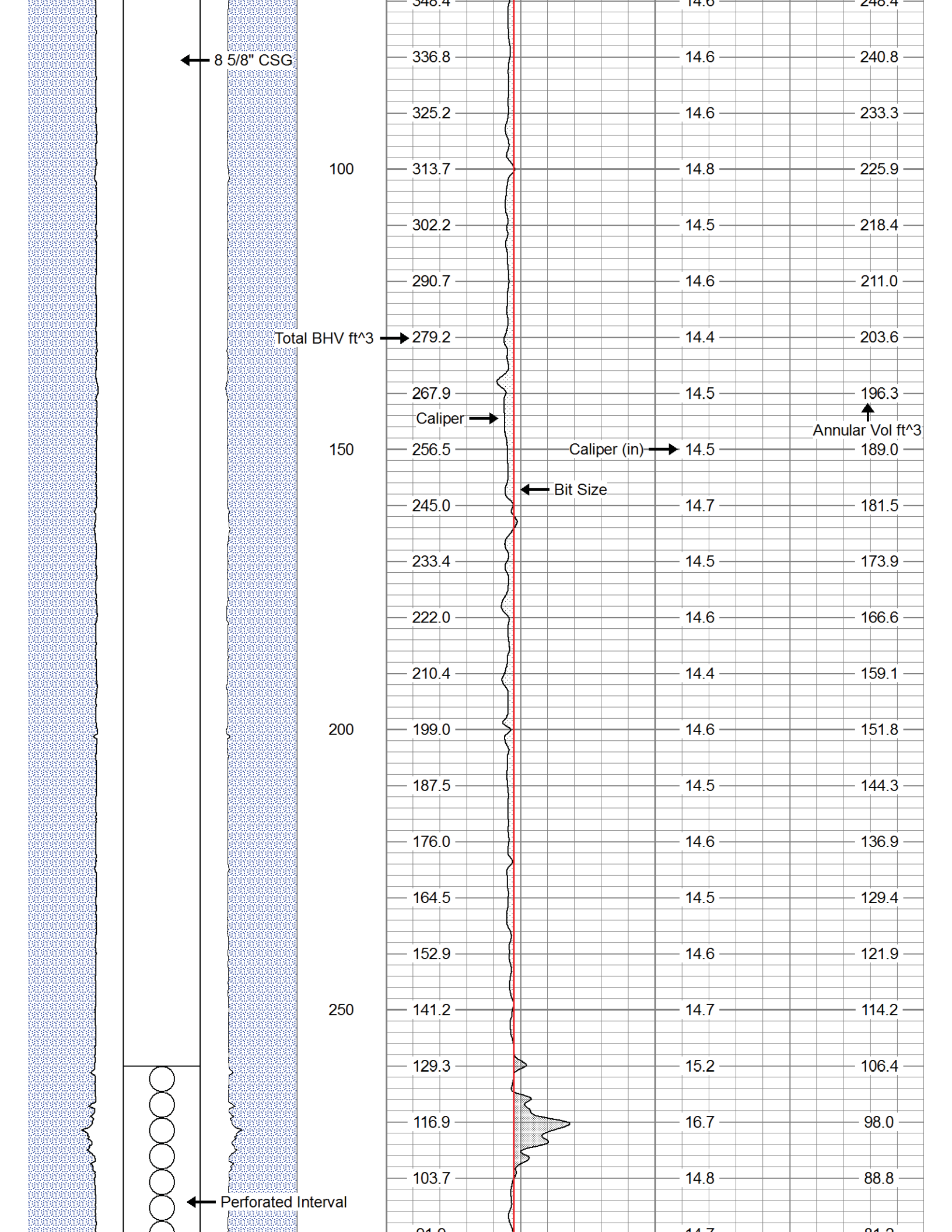
PS4-Short-Comprobe
Tue Apr 19 13:20:44 2011

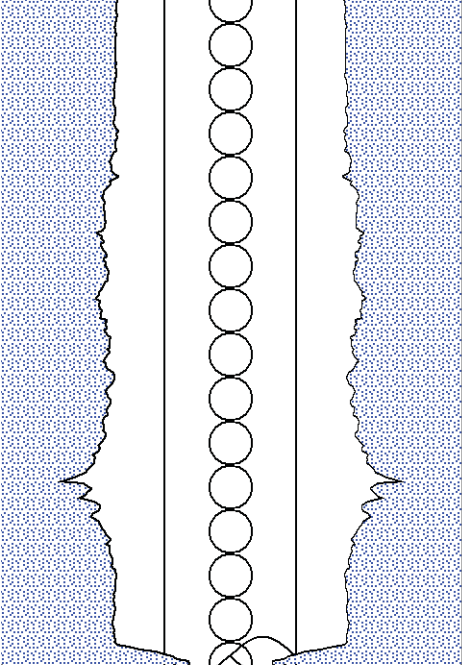
Ring			X Caliper		Y Caliper	
1:	8	in	331.77	cps	331.77	cps
2:	14	in	882.68	cps	882.68	cps
3:	20	in	1491.38	cps	1491.38	cps
4:		in		cps		cps
5:		in		cps		cps
6:		in		cps		cps

Database File 16672.db
Dataset Pathname well3A/CAL/CAL
Presentation Format xyc_gph
Dataset Creation Sat Aug 18 10:01:10 2012
Charted by Depth in Feet scaled 1:240

CSG SCHEDULE		10	Caliper (in)		30
Pipe(s) proportional to Hole Size		10	Bit Size (in)		30
		Total BHV ft^3 (ft3)	Caliper (in)		Annular Vol ft^3 (ft3)

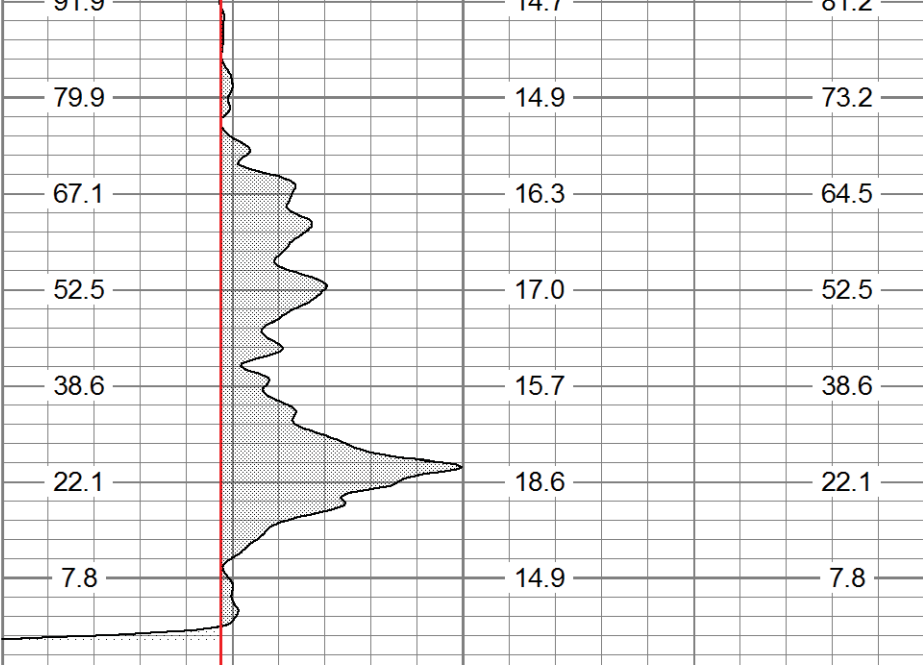






300

350



CSG SCHEDULE

Pipe(s) proportional to Hole Size

10	Caliper (in)		30
10	Bit Size (in)		30
Total BHV ft^3 (ft3)	Caliper (in)	Annular Vol ft^3 (ft3)	

Gamma Logs from On-site Wells

Job No. 16671		Company CASCADE DRILLING		Well WELL 3		Field HIDDEN HILLS		County INYO		State CA	
Location: N 35o 58.342' W 115o 52.950'				Other Services: NONE							
Sec. Twp.		Rge.		TOC TOC TOC		Elevation above perm. datum		K.B. D.F. G.L.			
Permanent Datum Log Measured From Drilling Measured From		TOC TOC TOC		Elevation above perm. datum		K.B. D.F. G.L.					
Date		08-16-2012									
Run Number		ONE									
Depth Driller		N/A									
Depth Logger		N/A									
Bottom Logged Interval		700'									
Top Log Interval		0'									
Pump Set @		N/A									
Time Pumping Prior to Survey		N/A									
Density / Viscosity		N/A									
Max. Recorded Temp.		N/A									
Pump Rate (GPM)		N/A									
Time Well Ready		N/A									
Time Logger on Bottom		1130									
Equipment Number		PS-3									
Location		LA									
Recorded By		SCHUMACHER									
Witnessed By		A. O'CONNOR									
Borehole Record				Tubing Record							
Run Number		Bit		From		To		Size		Weight	
Casing Record		Size		Wgt/Ft		Top		Bottom			
Surface String											
Prot. String											
Production String		20"		N/A		0'		N/A			
Liner											

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Comments

NOTE: ACCORDING TO A. O'CONNOR, A DROPPED COLUMN PIPE WAS OBSERVED AROUND 710' DURING A SUBSEQUENT VIDEO SURVEY.

Calibration Report

Database File: 16671.db
 Dataset Pathname: well3/run1/GR
 Dataset Creation: Thu Aug 16 11:35:03 2012 by Log Open-Cased 090629

Serial Number:	12	
Tool Model:	GROH	
Performed:	Wed Aug 31 18:41:03 2011	
Calibrator Value:	162.0	GAPI
Background Reading:	41.2	
Calibrator Reading:	182.5	
Sensitivity:	1.1460	GAPI/

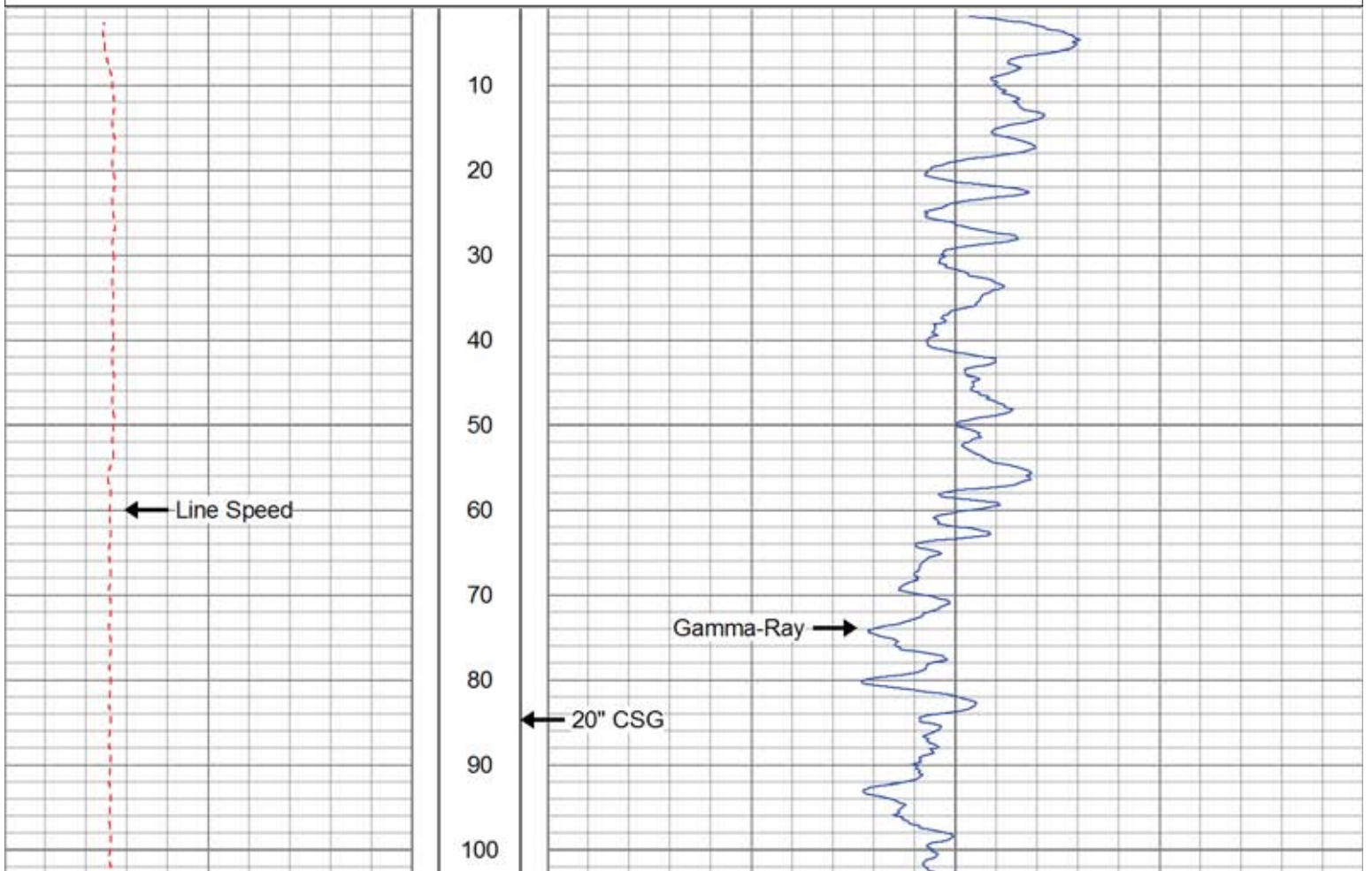
RLL3 (Resistivity Laterolog 3) Calibration Report:

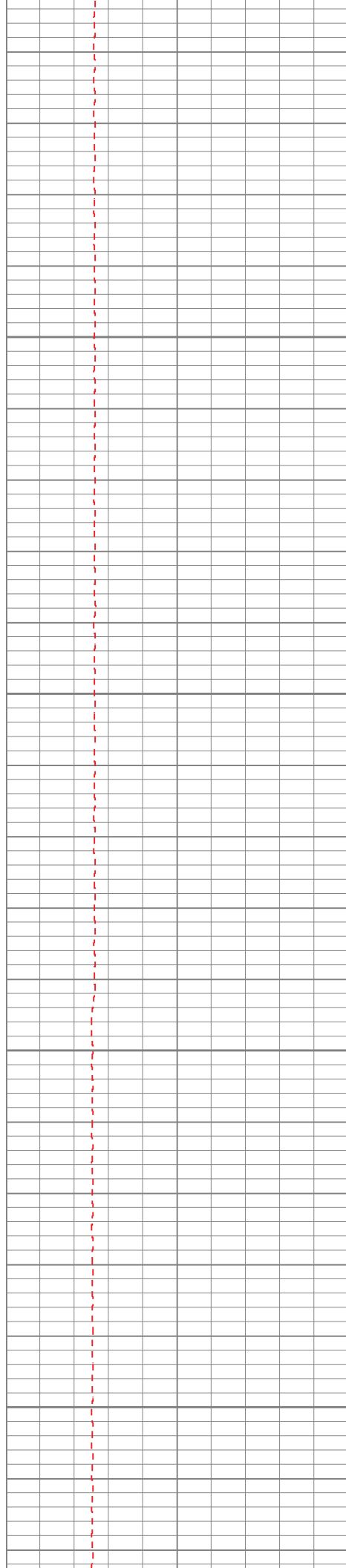
Serial Number:	231
Tool Model:	M&W
Performed:	Wed Aug 31 18:40:12 2011

System Reading	Calibration Reference
0.005	2.500 Ohm-m
0.009	5.000
0.101	50.000
0.535	250.000
0.942	500.000

Database File: 16671.db
Dataset Pathname: well3/run1/GR
Presentation Format: guard
Dataset Creation: Thu Aug 16 11:35:03 2012 by Log Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

0	Line Speed (ft/min)	-100	10	Gamma-Ray (GAPI)	110
---	---------------------	------	----	------------------	-----





110

120

130

140

150

160

170

180

190

200

210

220

230

240

250

260

270

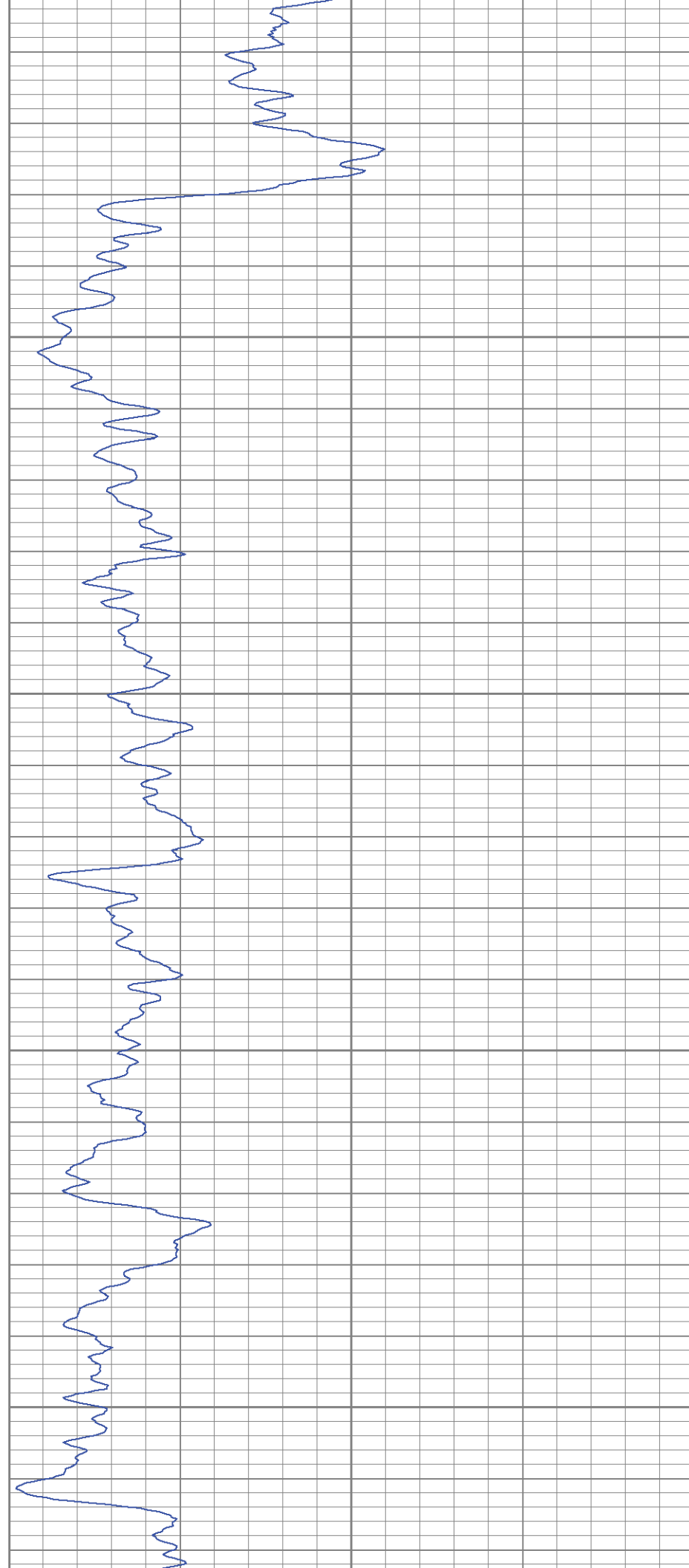
280

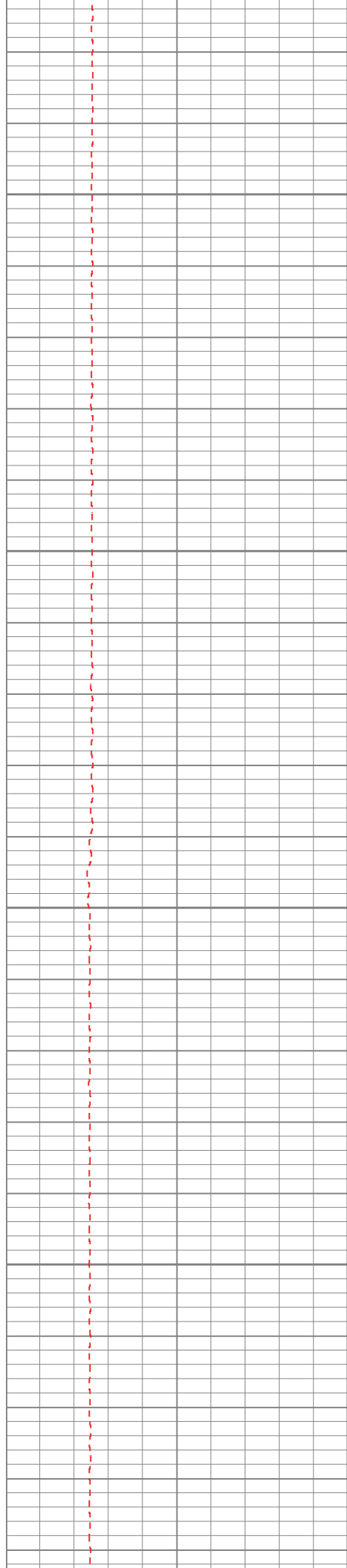
290

300

310

320





330

340

350

360

370

380

390

400

410

420

430

440

450

460

470

480

490

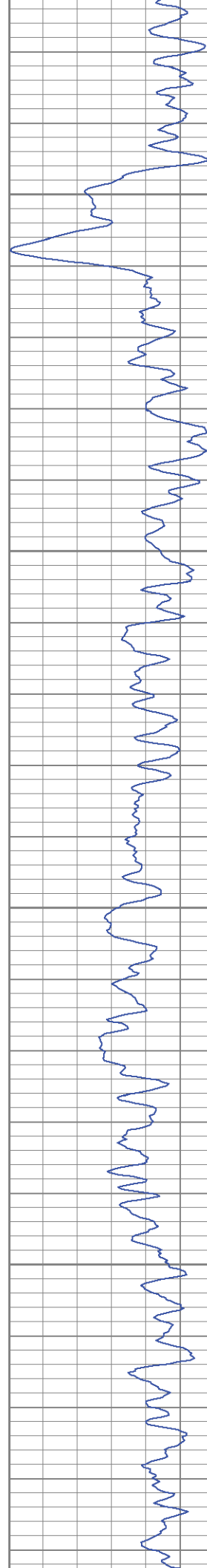
500

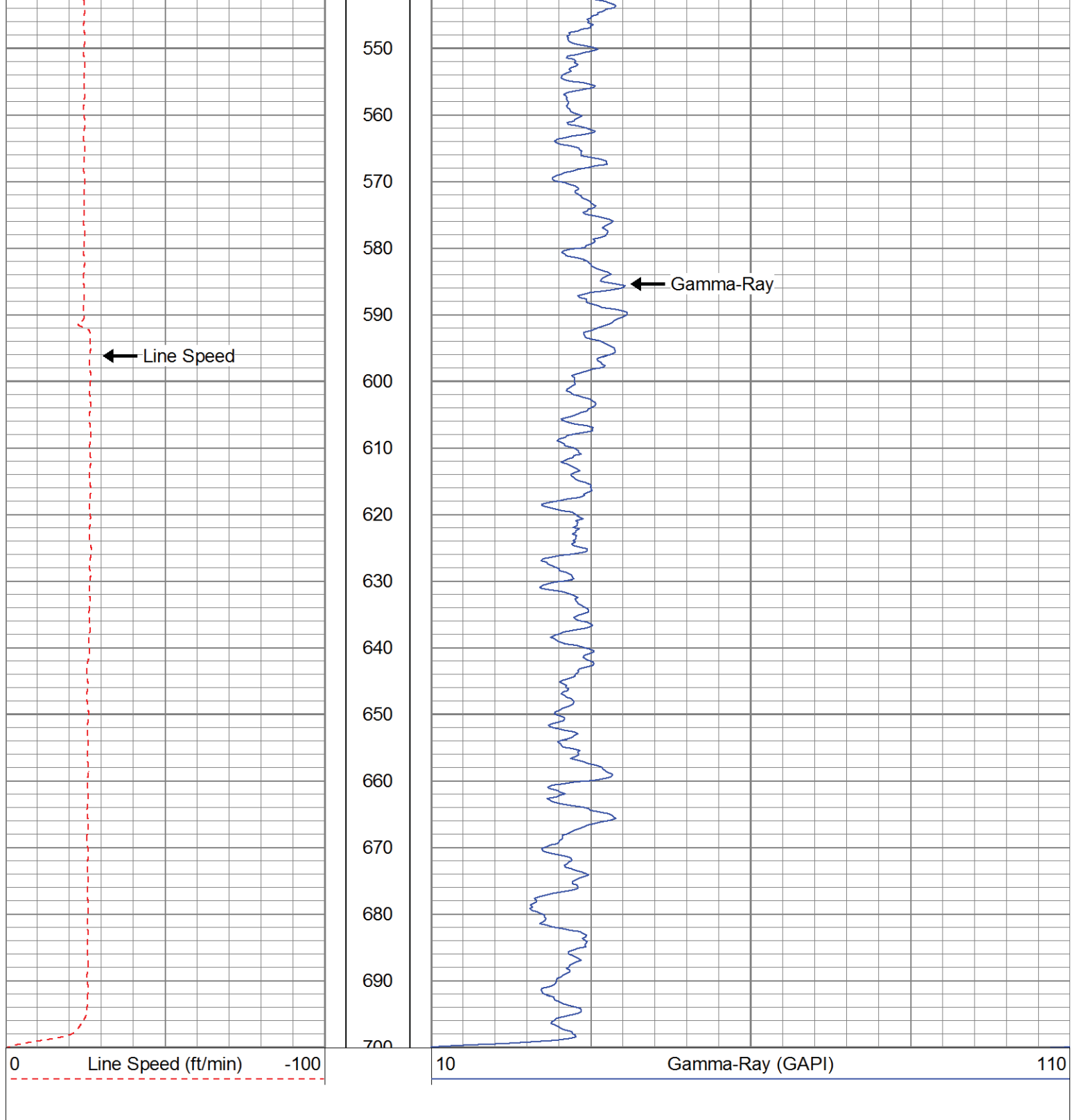
510

520

530

540





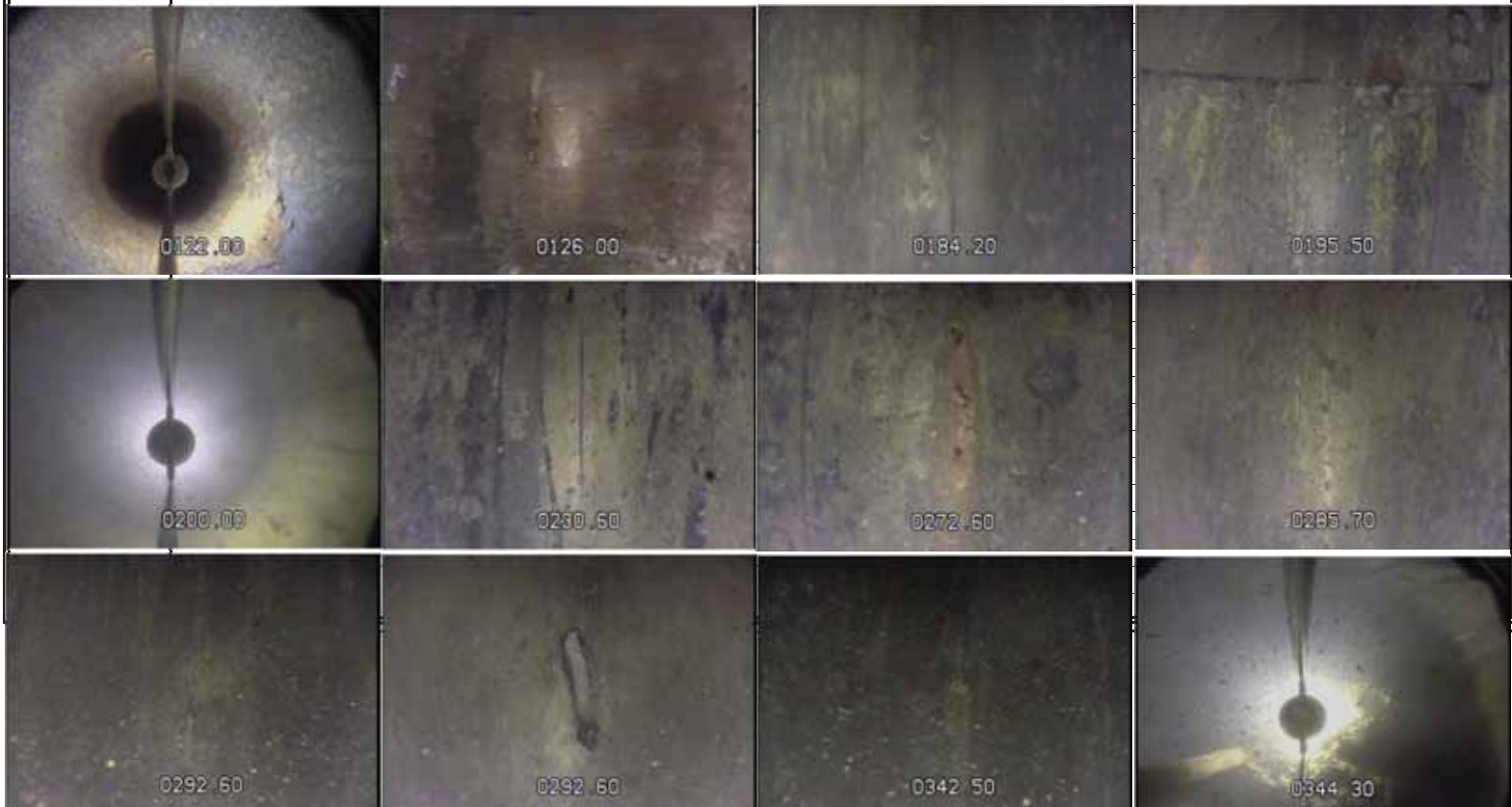
Pacific Surveys

a full service geophysical well logging company

Video Survey Report

Company:	Cascade Drilling	Date:	02-Jul-12
Well:	3-A	Run No.	One Truck PS-5
Field:	Hidden Hills	Job Ticket:	16643
State:	California	Total Depth:	346 ft
Location:	GPS: N 35o 58.352' W 115o 52.958'	Water Level:	130 ft SWL
Zero Datum:	Top of CSG	Oil on Water:	No Amount: N/A
Reason for Survey:	General Inspection	Operator:	Schumacher
		Side-Scan	Dead Space 1.75 ft
		Guides Set @	18 in

Depth	Observations	Perforation:	From Survey
0.0 ft	Begin survey from top of casing. The casing seam appears to be riveted.	Vertical Mill Slot	156.00 ft to ?
122.0 ft	Minor scale observed on casing just above SWL.		
130.3 ft	SWL; water appears cloudy with suspended particles. Visibility is poor through down-view lens and fair through side-scan lens. Minor bio-fouling observed on casing wall once in water.		
156.2 ft	Estimated top of perforations: Vertical slots, appear plugged with possible partial plugging locally.		
272.0 ft	Small holes observed in casing.		
292.6 ft	Two medium-sized holes observed in casing.		
310.0 ft	Casing appears to tighten around centralizers; however, no reduction was identified.		
320.0 ft	Casing becomes dark in color.	Casing Size	From Survey
342.5 ft	Pipe/rod observed at bottom of well.	20 in	0.00 ft to 346.00ft
346.0 ft	Soft fill encountered, end survey.		
		Casing Material	Mild Steel
		Screen Material	Mild Steel



Job No. 16643		Company CASCADE DRILLING		Well 3-A		Field HIDDEN HILLS		County INYO		State CA	
Location:				GPS: N 35o 58.352' W 115o 52.958'				Other Services: VIDEO			
Sec.		Twp.		Rge.							
Permanent Datum		TOC		Elevation above perm. datum		Elevation					
Log Measured From		TOC				K.B. D.F. G.L.					
Drilling Measured From		TOC									
Date		07-02-2012									
Run Number		ONE									
Depth Driller		350'									
Depth Logger		346'									
Bottom Logged Interval		345'									
Top Log Interval		0'									
Pump Set @		N/A									
Time Pumping Prior to Survey		N/A									
Density / Viscosity		N/A									
Max. Recorded Temp.		N/A									
Pump Rate (GPM)		N/A									
Time Well Ready		N/A									
Time Logger on Bottom		1130									
Equipment Number		PS-5									
Location		LA									
Recorded By		SCHUMACHER									
Witnessed By		A. O'CONNOR									
Borehole Record				Tubing Record							
Run Number		Bit From To		Size		Weight		From		To	
Casing Record		Size		Wgt/Ft		Top		Bottom			
Surface String											
Prot. String											
Production String		20"		N/A		0'		346'			
Liner											

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Comments

Calibration Report

Database File 16643.db
 Dataset Pathname GR2.2
 Dataset Creation Mon Jul 02 14:06:07 2012

Serial Number: 12
Tool Model: GROH
Performed: Fri Apr 15 07:10:16 2011

Calibrator Value: 162.0 GAPI

Background Reading: 43.7
Calibrator Reading: 168.2

Sensitivity: 1.3020 GAPI/

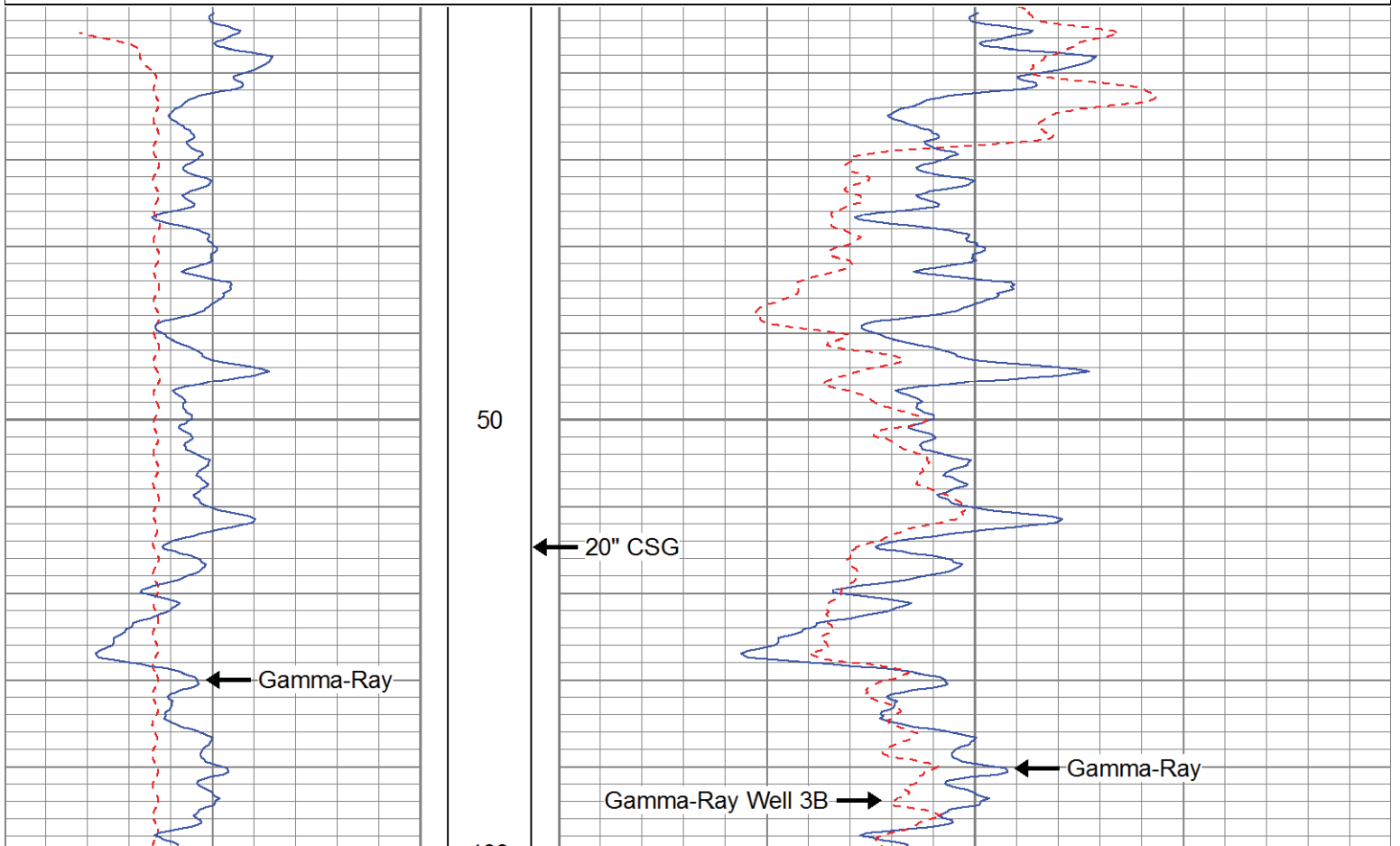
RLL3 (Resistivity Laterolog 3) Calibration Report:

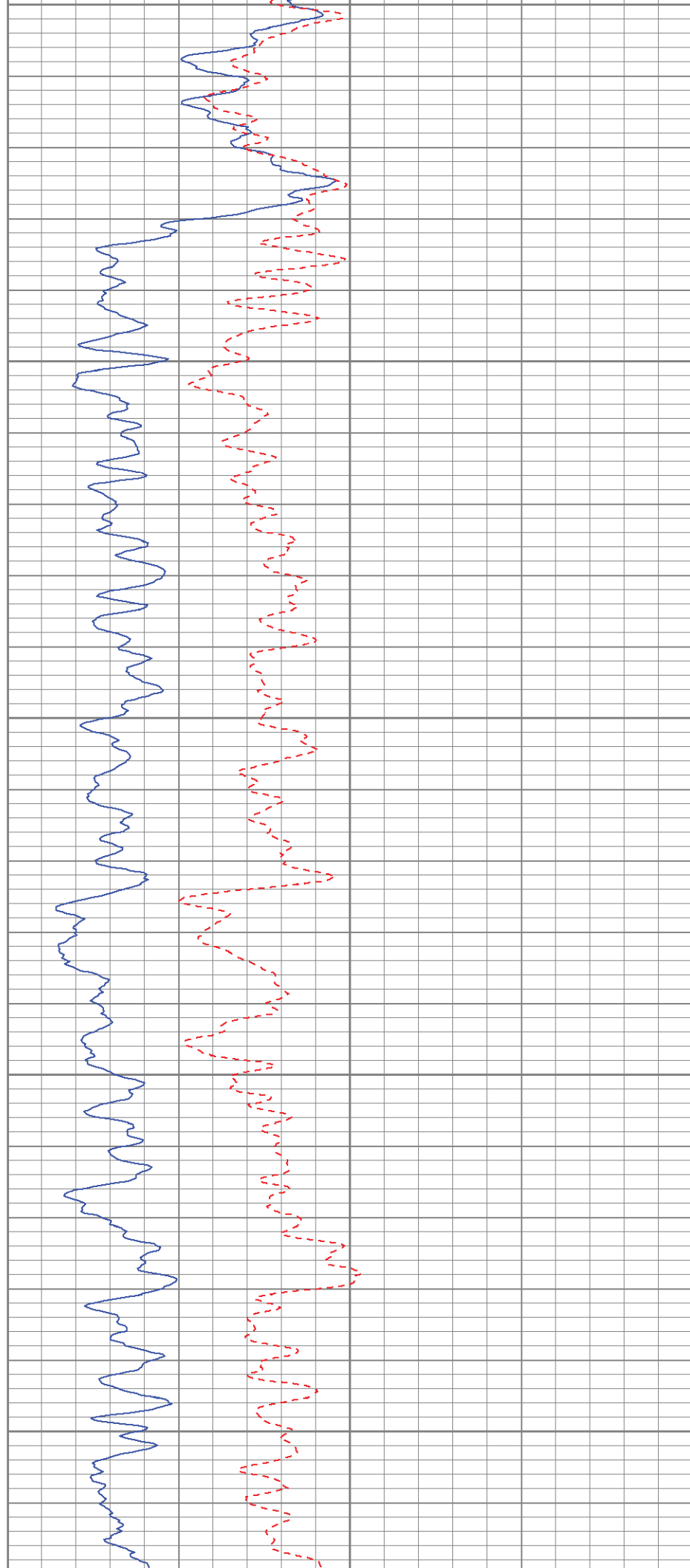
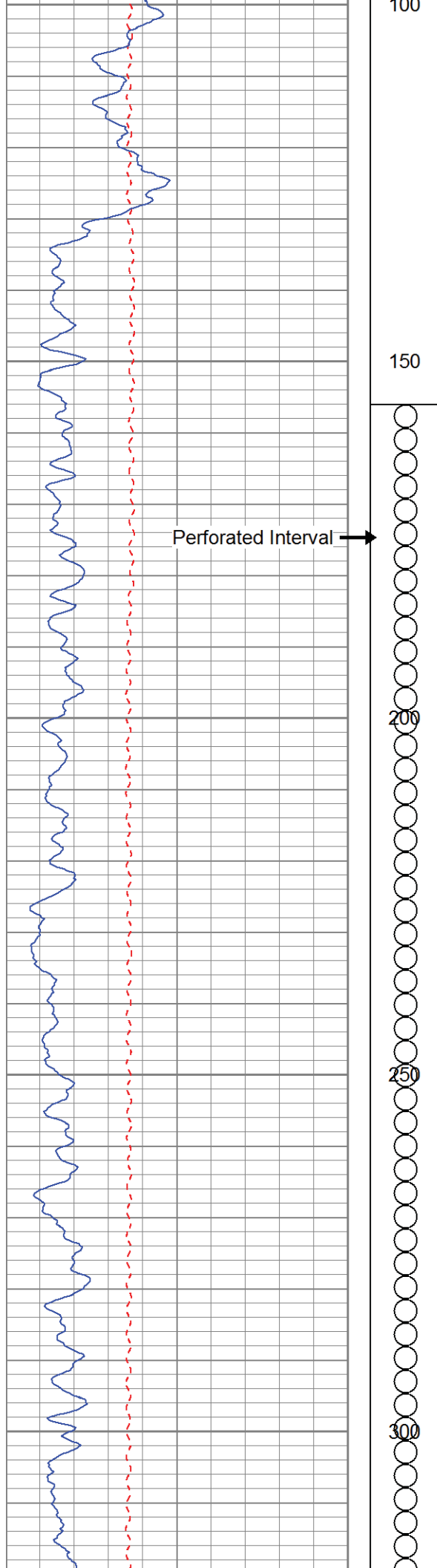
Serial Number: 130
Tool Model: M&W
Performed: Sat Apr 09 11:30:57 2011

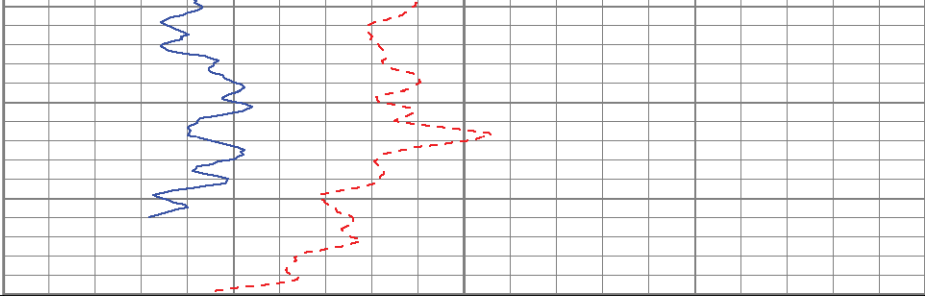
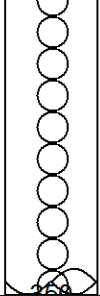
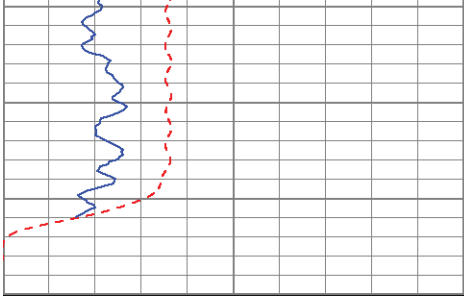
System Reading	Calibration Reference
0.004	2.500 Ohm-m
0.007	5.000
0.068	50.000
0.361	250.000
0.712	500.000

Database File 16643.db
Dataset Pathname GR2.2
Presentation Format guard
Dataset Creation Mon Jul 02 14:06:07 2012
Charted by Depth in Feet scaled 1:240

0	Line Speed (ft/min)	-100	10	Gamma-Ray (GAPI)	110
10	Gamma-Ray (GAPI)	110	10	Gamma-Ray Well3B (GAPI)	110







0	Line Speed (ft/min)	-100
10	Gamma-Ray (GAPI)	110

10	Gamma-Ray (GAPI)	110
10	Gamma-Ray Well3B (GAPI)	110

Job No. 16671		Company CASCAD DRILLING		Well ORCHARD WELL		Field HIDDEN HILLS		County INYO		State CA	
Location: N 35o 58.354' W 115o 53.995'		Sec. Twp.		Rge. NONE		Other Services:					
Permanent Datum Log Measured From Drilling Measured From		TOC TOC TOC		Elevation above perm. datum		K.B. D.F. G.L.					
Date 08-16-2012											
Run Number		ONE									
Depth Driller		N/A									
Depth Logger		N/A									
Bottom Logged Interval		350'									
Top Log Interval		0'									
Pump Set @		N/A									
Time Pumping Prior to Survey		N/A									
Density / Viscosity		N/A									
Max. Recorded Temp.		N/A									
Pump Rate (GPM)		N/A									
Time Well Ready		N/A									
Time Logger on Bottom		1030									
Equipment Number		PS-3									
Location		LA									
Recorded By		SCHUMACHER									
Witnessed By		A. O'CONNOR									
Borehole Record				Tubing Record							
Run Number	Bit	From	To	Size	Weight	From	To				
Casing Record	Size	Wgt/Ft		Top		Bottom					
Surface String											
Prot. String											
Production String	20"	N/A		0'		N/A					
Liner											

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Comments

NOTE: ACCORDING TO A. O'CONNOR, AN OBSTRUCTION WAS OBSERVED AROUND 360' DURING A SUBSEQUENT VIDEO SURVEY.

Calibration Report

Database File: 16671.db
 Dataset Pathname: GR2
 Dataset Creation: Thu Aug 16 10:38:06 2012 by Log Open-Cased 090629

Serial Number:	12	
Tool Model:	GROH	
Performed:	Wed Aug 31 18:41:03 2011	
Calibrator Value:	162.0	GAPI
Background Reading:	41.2	
Calibrator Reading:	182.5	
Sensitivity:	1.1460	GAPI/

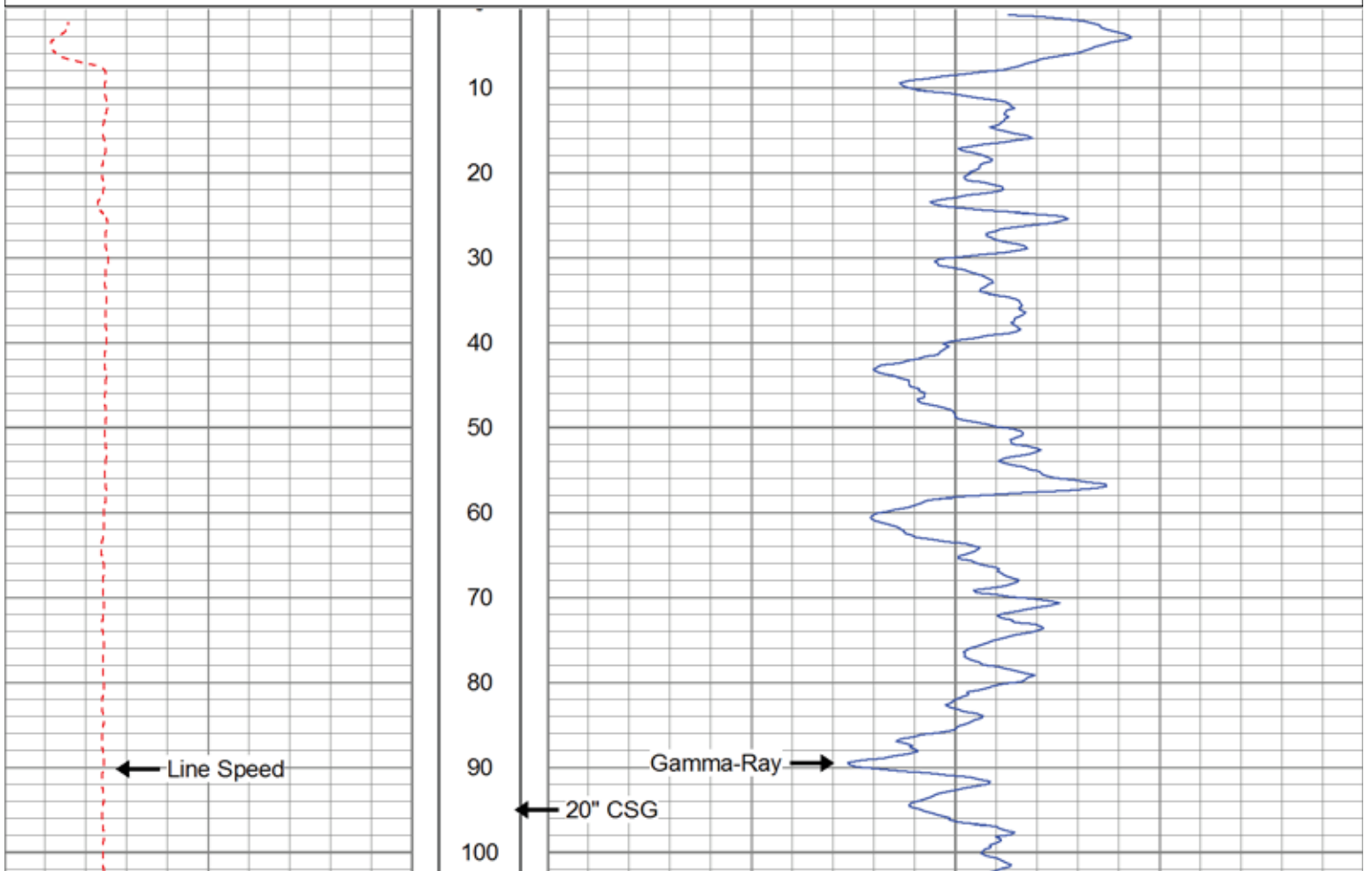
RLL3 (Resistivity Laterolog 3) Calibration Report:

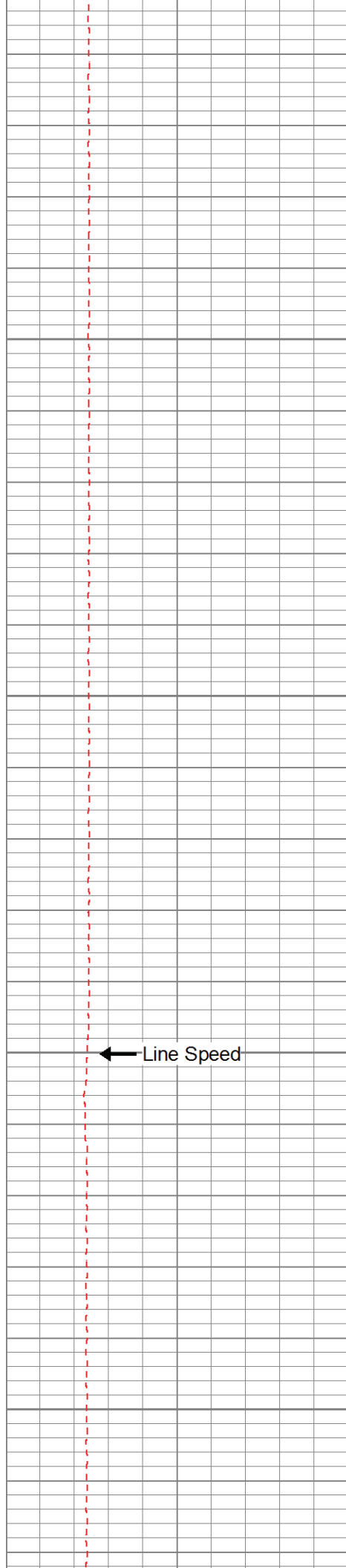
Serial Number:	231
Tool Model:	M&W
Performed:	Wed Aug 31 18:40:12 2011

System Reading	Calibration Reference
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0.009	5.000
0.101	50.000
0.535	250.000
0.942	500.000

Database File: 16671.db
Dataset Pathname: GR2
Presentation Format: guard
Dataset Creation: Thu Aug 16 10:38:06 2012 by Log Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

0	Line Speed (ft/min)	-100	10	Gamma-Ray (GAPI)	110
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← Line Speed

110

120

130

140

150

160

170

180

190

200

210

220

230

240

250

260

270

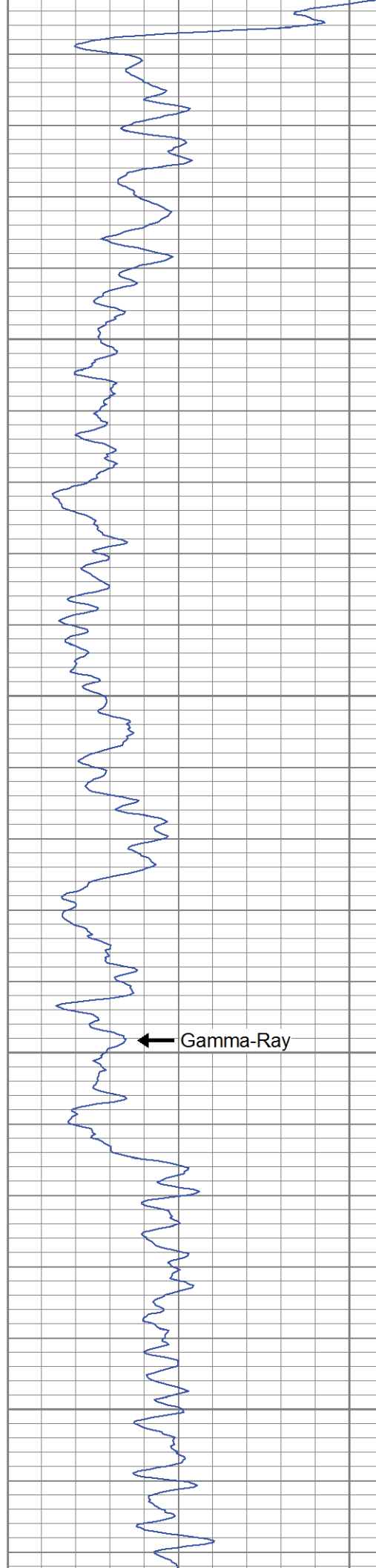
280

290

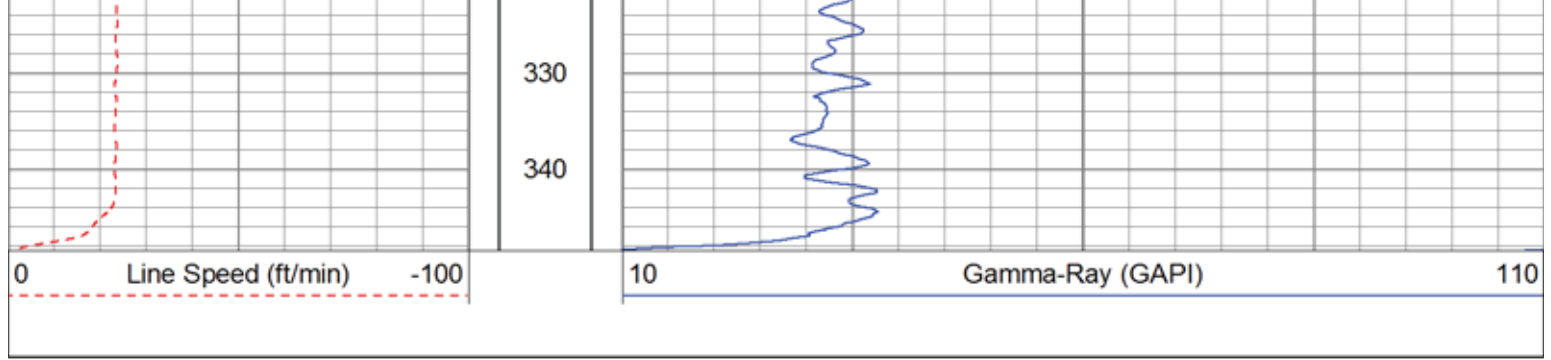
300

310

320



← Gamma-Ray



Job No. 16672		Company CASCAD DRILLING					
		Well MW6					
		Field HIDDEN HILLS					
		County INYO		State CA			
Location: GPS: N 35o 58.583' W 115o 52.896'		Other Services: NONE					
Sec.	Twp.	Rge.					
Permanent Datum	TOC	Elevation above perm. datum		Elevation			
Log Measured From	TOC			K.B. D.F. G.L.			
Drilling Measured From	TOC						
Date	08-17-2012						
Run Number	ONE						
Depth Driller	200'						
Depth Logger	199'						
Bottom Logged Interval	199'						
Top Log Interval	0'						
Pump Set @	N/A						
Time Pumping Prior to Survey	N/A						
Density / Viscosity	N/A						
Max. Recorded Temp.	N/A						
Pump Rate (GPM)	N/A						
Time Well Ready	N/A						
Time Logger on Bottom	1015						
Equipment Number	PS-5						
Location	LA						
Recorded By	SCHUMACHER						
Witnessed By	A. O'CONNOR						
Borehole Record		Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	Size	Wgt/Ft		Top	Bottom		
Surface String							
Prot. String							
Production String	2" SCH 80 PVC	N/A		0'	200'		
Liner							

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Comments

Calibration Report

Database File 16672.db
 Dataset Pathname gr1
 Dataset Creation Fri Aug 17 10:23:38 2012

Serial Number:	comprobe_s
Tool Model:	Comprobe_small
Performed:	Wed Dec 09 11:00:11 2009

Calibrator Value:	162.0	GAPI
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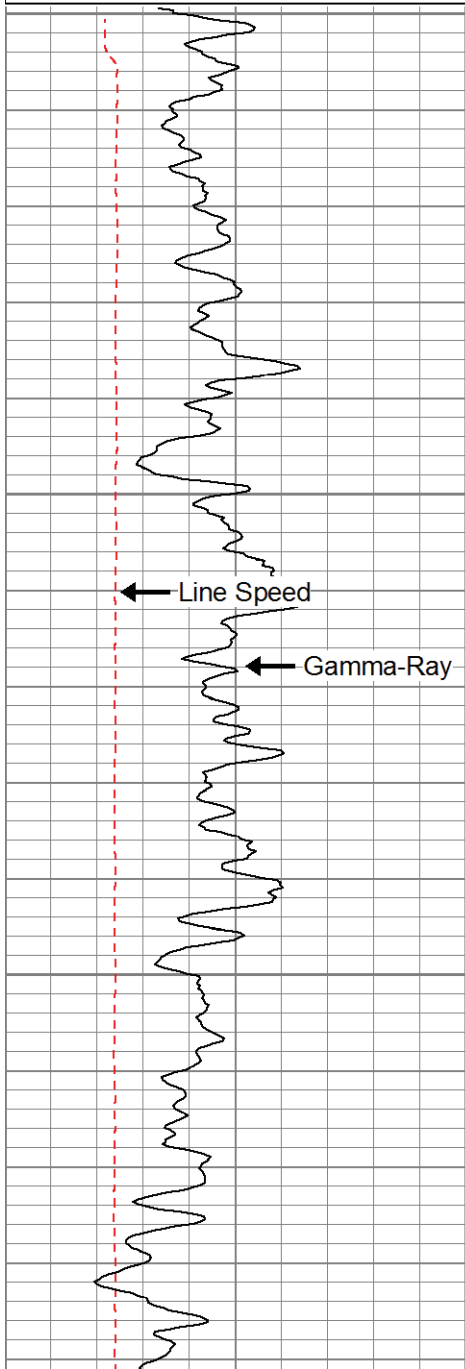
Background Reading:	19.1	cps
Calibrator Reading:	64.3	cps

Sensitivity:	3.5814	GAPI/cps
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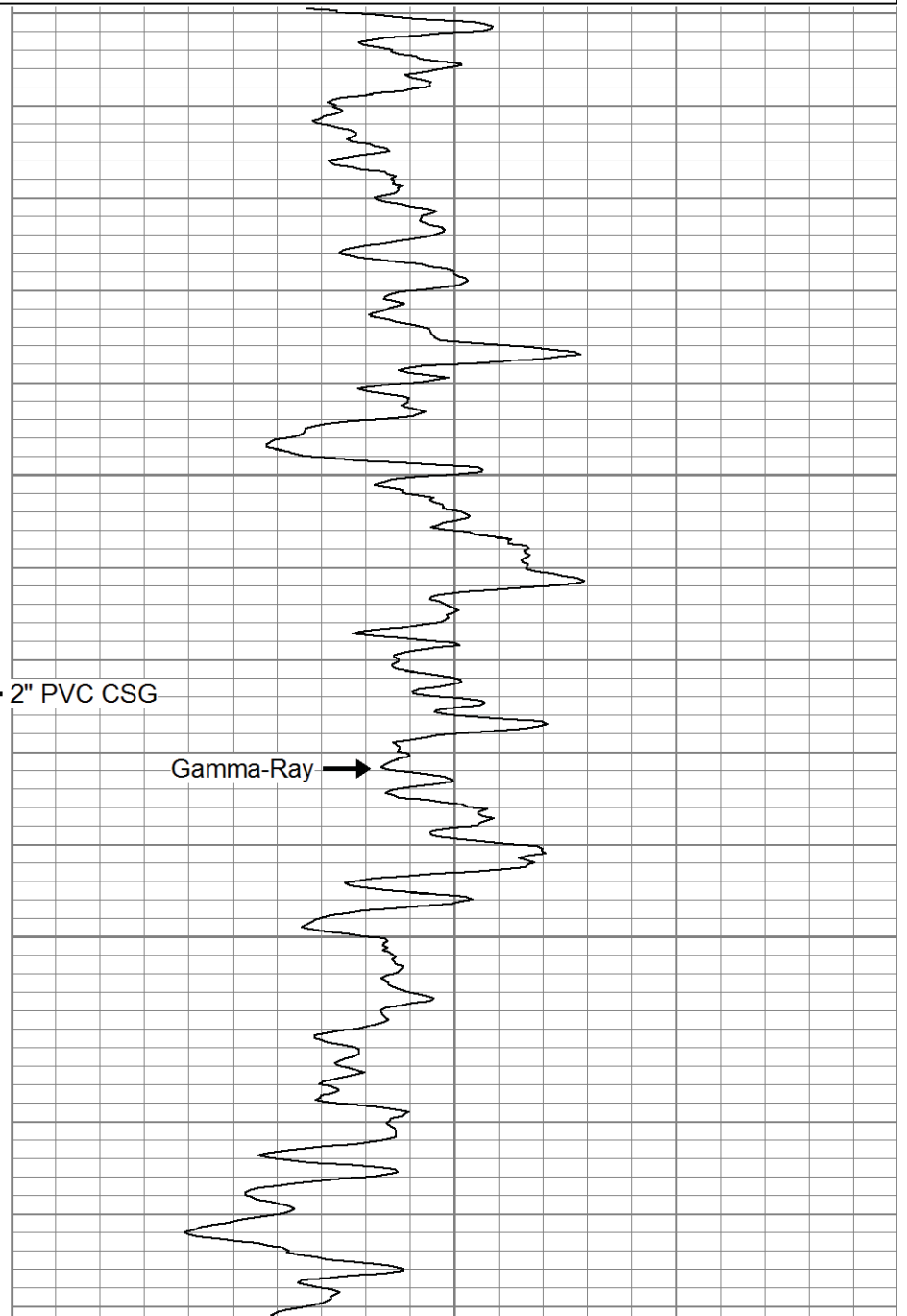
Database File	16672.db
Dataset Pathname	gr1
Presentation Format	gr
Dataset Creation	Fri Aug 17 10:23:38 2012
Charted by	Depth in Feet scaled 1:240

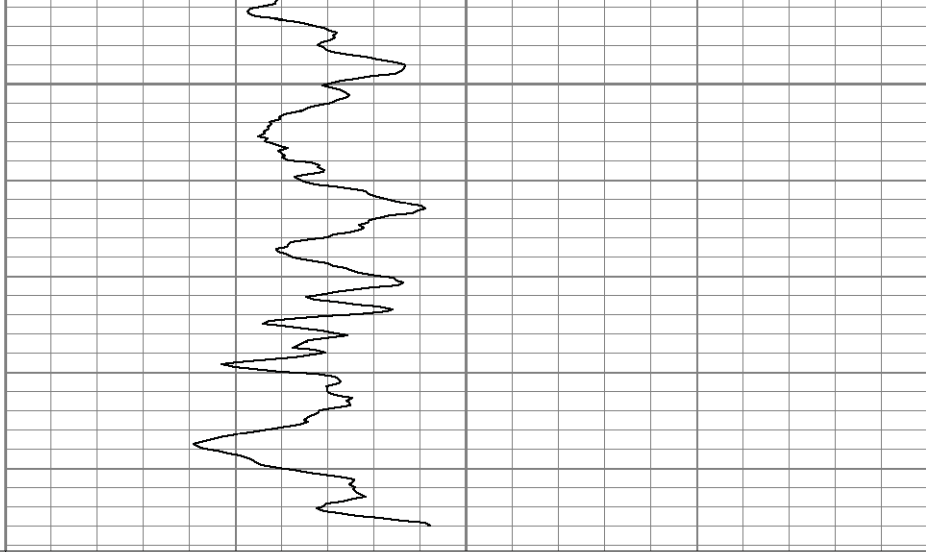
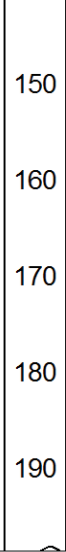
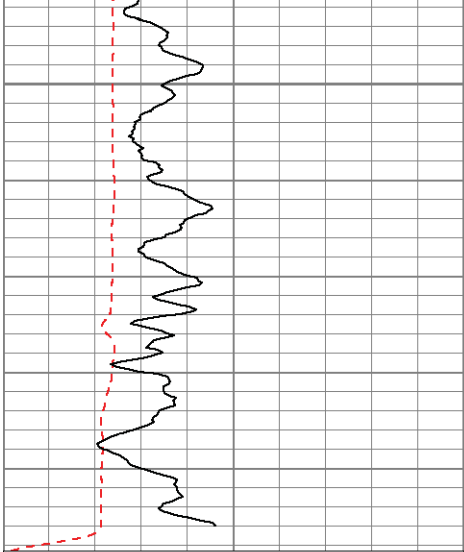
0	Line Speed (ft/min)	-100
0	Gamma-Ray (GAPI)	200

0	Gamma-Ray (GAPI)	200
---	------------------	-----



10
20
30
40
50
60
70
80
90
100
110
120
130
140





0	Line Speed (ft/min)	-100
0	Gamma-Ray (GAPI)	200

0	Gamma-Ray (GAPI)	200
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Gamma Log from Stump Spring Well

Job No. 16672		Company CASCADE DRILLING					
		Well STUMP SPRINGS WELL					
		Field HIDDEN HILLS					
		County CLARK		State NV			
Location: GPS: N 35o 59.686' W 115o49.190'		Other Services: NONE					
Sec.	Twp.	Rge.					
Permanent Datum Log Measured From Drilling Measured From	TOC TOC TOC	Elevation above perm. datum		Elevation K.B. D.F. G.L.			
Date	08-17-2012						
Run Number	ONE						
Depth Driller	120'						
Depth Logger	122.5'						
Bottom Logged Interval	122.5'						
Top Log Interval	0'						
Pump Set @	N/A						
Time Pumping Prior to Survey	N/A						
Density / Viscosity	N/A						
Max. Recorded Temp.	N/A						
Pump Rate (GPM)	N/A						
Time Well Ready	N/A						
Time Logger on Bottom	1415						
Equipment Number	PS-5						
Location	LA						
Recorded By	SCHUMACHER						
Witnessed By	A. O'CONNOR						
Borehole Record		Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	Size	Wgt/Ft		Top	Bottom		
Surface String							
Prot. String							
Production String	2" SCH 80 PVC	N/A		0'	120'		
Liner							

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Comments

Calibration Report

Database File 16672.db
 Dataset Pathname stump/run1/gr
 Dataset Creation Fri Aug 17 14:09:17 2012

Serial Number: comprobe_s
Tool Model: Comprobe_small
Performed: Wed Dec 09 11:00:11 2009

Calibrator Value: 162.0 GAPI

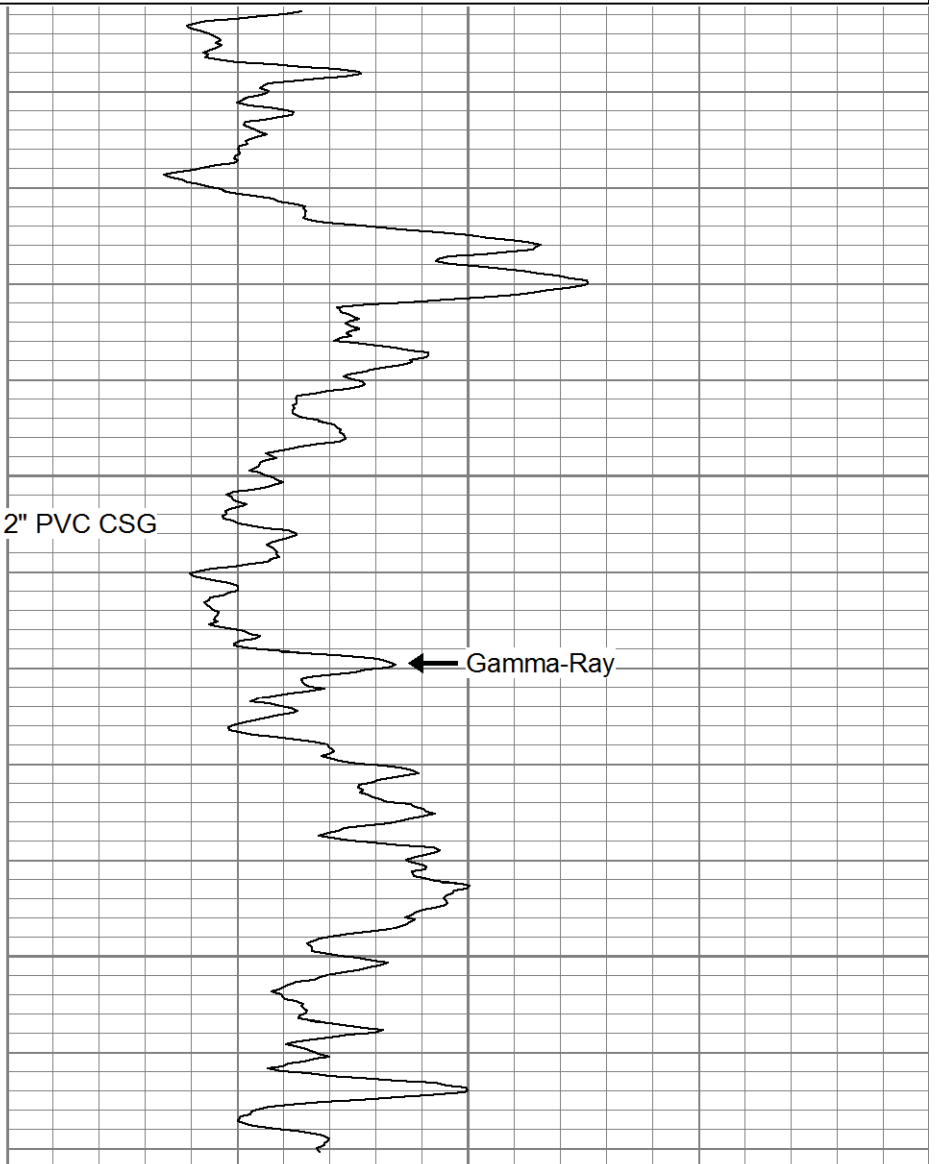
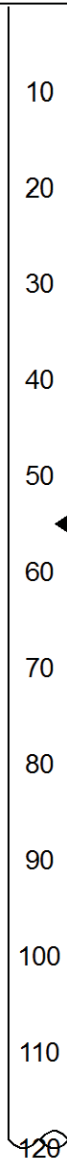
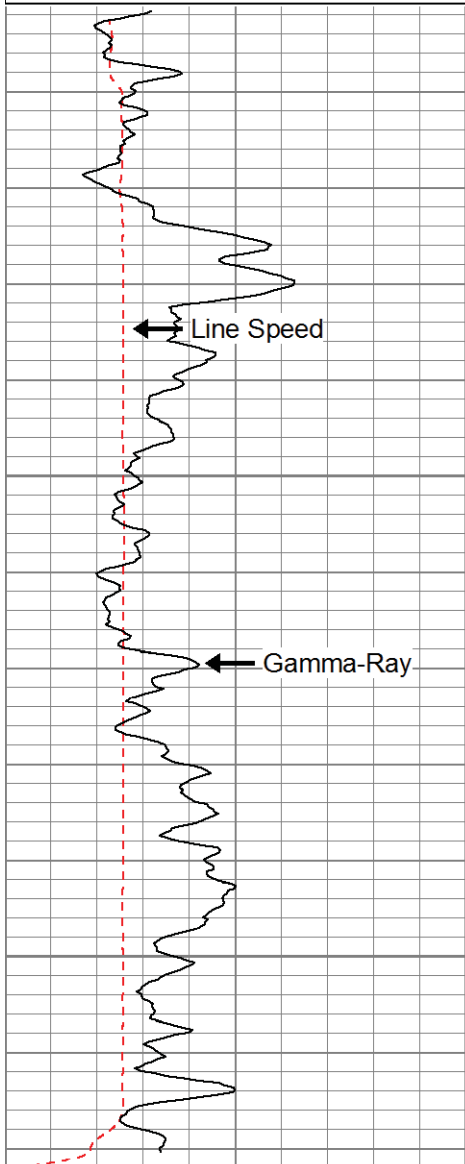
Background Reading: 19.1 cps
Calibrator Reading: 64.3 cps

Sensitivity: 3.5814 GAPI/cps

Database File 16672.db
Dataset Pathname stump/run1/gr
Presentation Format gr
Dataset Creation Fri Aug 17 14:09:17 2012
Charted by Depth in Feet scaled 1:240

0	Line Speed (ft/min)	-100
0	Gamma-Ray (GAPI)	200

0	Gamma-Ray (GAPI)	200
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0	Line Speed (ft/min)	-100
0	Gamma-Ray (GAPI)	200

0	Gamma-Ray (GAPI)	200
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Water Leve Data Tables

**Long Term Aquifer Performance Test Report
Hidden Hills Solar Electric Generating System Site
Appendix F- Table of Contents**

Table F-1	Well 3B Water Levels
Table F-2	Well 3 Water Levels
Table F-3	Well 3A Water Levels
Table F-4	MW-5 Water Levels
Table F-5	MW-4 Water Levels
Table F-6	MW-3 Water Levels
Table F-7	MW-1 Water Levels
Table F-8	MW-6 Water Levels
Table F-9	Orchard Well Water Levels
Table F-10	Well #2Water Levels
Table F-11	Well #4 Water Levels
Table F-12	MW-2 Water Levels

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
8/23/12 13:27			91.086	22.483	134.047	1.329		Development Pumping
8/23/12 13:29			91.057	22.472	134.114	1.396		Development Pumping
8/23/12 13:31			91.06	22.469	134.108	1.39		Development Pumping
8/23/12 13:33			91.059	22.468	134.109	1.391		Development Pumping
8/23/12 13:35			91.069	22.466	134.086	1.368		Development Pumping
8/23/12 13:37			91.053	22.465	134.123	1.405		Development Pumping
8/23/12 13:39			91.068	22.466	134.089	1.371		Development Pumping
8/23/12 13:41			91.059	22.467	134.109	1.391		Development Pumping
8/23/12 13:43			91.072	22.463	134.08	1.362		Development Pumping
8/23/12 13:45			91.074	22.462	134.074	1.356		Development Pumping
8/23/12 13:47			91.065	22.461	134.096	1.378		Development Pumping
8/23/12 13:49			58.687	22.657	208.855	76.137		Development Pumping
8/23/12 13:51			46.299	23.212	237.458	104.74		Development Pumping
8/23/12 13:53			58.638	23.781	208.968	76.25		Development Pumping
8/23/12 13:55			68.138	24.042	187.034	54.316		Development Pumping
8/23/12 13:57			75.256	24.141	170.598	37.88		Development Pumping
8/23/12 13:59			80.436	24.154	158.638	25.92		Development Pumping
8/23/12 14:01			80.464	24.126	158.573	25.855		Development Pumping
8/23/12 14:03			73.004	23.974	175.797	43.079		Development Pumping
8/23/12 14:05			79.065	23.898	161.804	29.086		Development Pumping
8/23/12 14:07			68.16	23.785	186.982	54.264		Development Pumping
8/23/12 14:09			75.556	23.573	169.905	37.187		Development Pumping
8/23/12 14:11			80.851	23.478	157.679	24.961		Development Pumping
8/23/12 14:13			84.453	23.434	149.363	16.645		Development Pumping
8/23/12 14:15			86.799	23.403	143.946	11.228		Development Pumping
8/23/12 14:17			88.238	23.381	140.624	7.906		Development Pumping
8/23/12 14:19			89.102	23.36	138.628	5.91		Development Pumping
8/23/12 14:21			82.579	23.339	153.69	20.972		Development Pumping
8/23/12 14:23			53.537	23.099	220.747	88.029		Development Pumping

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
8/23/12 14:25			33.47	22.993	267.081	134.363		Development Pumping
8/23/12 14:27			17.844	23.192	303.161	170.443		Development Pumping
8/23/12 14:29			4.459	23.047	334.065	201.347		Development Pumping
8/23/12 14:31			0.083	23.066	344.171	211.453		Development Pumping
8/23/12 14:33			0.069	23.091	344.203	211.485		Development Pumping
8/23/12 14:35			0.048	23.055	344.251	211.533		Development Pumping
8/23/12 14:37			0.061	23.019	344.222	211.504		Development Pumping
8/23/12 14:39			0.057	22.987	344.229	211.511		Development Pumping
8/23/12 14:41			0.063	22.954	344.216	211.498		Development Pumping
8/23/12 14:43			0.061	22.958	344.221	211.503		Development Pumping
8/23/12 14:45			0.065	22.956	344.213	211.495		Development Pumping
8/23/12 14:47			0.05	22.965	344.247	211.529		Development Pumping
8/23/12 14:49			0.071	22.936	344.198	211.48		Development Pumping
8/23/12 14:51			10.765	22.703	319.505	186.787		Development Pumping
8/23/12 14:53			28.154	22.495	279.355	146.637		Development Pumping
8/23/12 14:55			43.976	22.395	242.822	110.104		Development Pumping
8/23/12 14:57			57.377	22.356	211.88	79.162		Development Pumping
8/23/12 14:59			67.687	22.47	188.075	55.357		Development Pumping
8/23/12 15:01			75.24	22.656	170.635	37.917		Development Pumping
8/23/12 15:03			71.182	22.808	180.004	47.286		Development Pumping
8/23/12 15:05			45.961	22.265	238.24	105.522		Development Pumping
8/23/12 15:07			28.651	22.003	278.208	145.49		Development Pumping
8/23/12 15:09			13.991	21.969	312.057	179.339		Development Pumping
8/23/12 15:11			0.886	21.909	342.317	209.599		Development Pumping
8/23/12 15:13			9.299	22.042	322.89	190.172		Development Pumping
8/23/12 15:15			27.237	22.064	281.473	148.755		Development Pumping
8/23/12 15:17			43.488	22.098	243.949	111.231		Development Pumping
8/23/12 15:19			57.14	22.182	212.428	79.71		Development Pumping
8/23/12 15:21			67.612	22.206	188.247	55.529		Development Pumping

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
8/23/12 15:23			75.26	22.503	170.589	37.871		Development Pumping
8/23/12 15:25			77.435	22.856	165.567	32.849		Development Pumping
8/23/12 15:27			47.099	22.207	235.613	102.895		Development Pumping
8/23/12 15:29			26.223	21.84	283.814	151.096		Development Pumping
8/23/12 15:31			8.507	21.753	324.719	192.001		Development Pumping
8/23/12 15:33			0.064	21.845	344.214	211.496		Development Pumping
8/23/12 15:35			17.567	21.874	303.801	171.083		Development Pumping
8/23/12 15:37			34.986	21.894	263.581	130.863		Development Pumping
8/23/12 15:39			50.517	21.933	227.719	95.001		Development Pumping
8/23/12 15:41			62.646	21.945	199.714	66.996		Development Pumping
8/23/12 15:43			71.693	22.229	178.825	46.107		Development Pumping
8/23/12 15:45			78.095	22.594	164.043	31.325		Development Pumping
8/23/12 15:47			82.466	22.901	153.951	21.233		Development Pumping
8/23/12 15:49			85.294	23.125	147.42	14.702		Development Pumping
8/23/12 15:51			87.049	23.222	143.368	10.65		Development Pumping
8/23/12 15:53			88.088	23.27	140.969	8.251		Development Pumping
8/23/12 15:55			88.684	23.353	139.593	6.875		Development Pumping
8/23/12 15:57			81.44	23.306	156.319	23.601		Development Pumping
8/23/12 15:59			47.002	22.294	235.835	103.117		Development Pumping
8/23/12 16:01			24.157	21.916	288.583	155.865		Development Pumping
8/23/12 16:03			4.617	21.805	333.7	200.982		Development Pumping
8/23/12 16:05			4.804	21.829	333.269	200.551		Development Pumping
8/23/12 16:07			23.512	21.816	290.074	157.356		Development Pumping
8/23/12 16:09			40.946	21.83	249.819	117.101		Development Pumping
8/23/12 16:11			55.627	21.873	215.921	83.203		Development Pumping
8/23/12 16:13			66.738	22.259	190.266	57.548		Development Pumping
8/23/12 16:15			74.771	22.54	171.717	38.999		Development Pumping
8/23/12 16:17			80.322	22.736	158.902	26.184		Development Pumping
8/23/12 16:19			84.01	22.863	150.386	17.668		End of Development

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
8/27/12 13:10							133.35	
8/28/12 9:35							133.41	*Taken from top of metal plate - 10 in ab
8/28/12 17:25							133.26	
9/1/12 7:15							265.19	45.16
9/5/12 7:45							133.39	
9/5/12 8:00			88.702	20.645	133.153	0.435		
9/5/12 8:02			88.661	20.646	133.248	0.53		
9/5/12 8:04			88.66	20.645	133.251	0.533		
9/5/12 8:06			88.683	20.649	133.198	0.48		
9/5/12 8:08			88.679	20.65	133.207	0.489		
9/5/12 8:10			88.679	20.645	133.207	0.489		
9/5/12 8:12			88.658	20.646	133.255	0.537		
9/5/12 8:14			88.66	20.646	133.249	0.531		
9/5/12 8:16			88.696	20.643	133.167	0.449		
9/5/12 8:18			88.658	20.645	133.256	0.538		
9/5/12 8:20			88.674	20.643	133.218	0.5		
9/5/12 8:22			88.656	20.646	133.259	0.541		
9/5/12 8:24			88.668	20.646	133.232	0.514		
9/5/12 8:26			88.682	20.643	133.2	0.482		
9/5/12 8:28			88.663	20.643	133.242	0.524		
9/5/12 8:30			88.708	20.642	133.14	0.422		
9/5/12 8:32			88.692	20.644	133.177	0.459		
9/5/12 8:34			88.66	20.644	133.251	0.533		
9/5/12 8:36			88.661	20.642	133.247	0.529		
9/5/12 8:38			88.692	20.641	133.177	0.459		
9/5/12 8:40			88.688	20.645	133.185	0.467		
9/5/12 8:42			81.71	20.71	149.297	16.579		Step Test Start
9/5/12 8:44			78.054	20.777	157.74	25.022		
9/5/12 8:46			75.356	20.811	163.969	31.251		25 gpm

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/5/12 8:48			73.159	20.798	169.043	36.325		
9/5/12 8:50			71.618	20.779	172.599	39.881		
9/5/12 8:52			70.519	20.784	175.137	42.419		
9/5/12 8:54			69.696	20.808	177.038	44.32		
9/5/12 8:56			69.035	20.821	178.565	45.847		
9/5/12 8:58			68.514	20.82	179.767	47.049		
9/5/12 9:00			68.12	20.809	180.677	47.959		
9/5/12 9:02			67.811	20.807	181.389	48.671		
9/5/12 9:04			67.551	20.802	181.99	49.272		
9/5/12 9:06			67.369	20.798	182.41	49.692		
9/5/12 9:08			67.145	20.794	182.927	50.209		
9/5/12 9:10			67.025	20.796	183.204	50.486		
9/5/12 9:12			66.93	20.792	183.423	50.705		
9/5/12 9:14			66.832	20.792	183.65	50.932		
9/5/12 9:16			66.712	20.784	183.927	51.209		
9/5/12 9:18			66.585	20.793	184.222	51.504		
9/5/12 9:20			66.467	20.789	184.492	51.774		
9/5/12 9:22			66.383	20.783	184.688	51.97		
9/5/12 9:24			66.324	20.781	184.824	52.106		
9/5/12 9:26			66.256	20.776	184.981	52.263		
9/5/12 9:28			66.186	20.775	185.143	52.425		
9/5/12 9:30			66.159	20.778	185.205	52.487		
9/5/12 9:32			66.099	20.774	185.342	52.624		
9/5/12 9:34			66.044	20.771	185.47	52.752		
9/5/12 9:36			65.975	20.767	185.629	52.911		
9/5/12 9:38			65.963	20.766	185.656	52.938		
9/5/12 9:40			65.904	20.765	185.792	53.074		
9/5/12 9:42			63.674	20.701	190.941	58.223		35 gpm
9/5/12 9:44			61.393	20.615	196.209	63.491		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/5/12 9:46			59.579	20.561	200.397	67.679		
9/5/12 9:48			58.07	20.533	203.882	71.164		
9/5/12 9:50			56.812	20.522	206.786	74.068		
9/5/12 9:52			55.775	20.517	209.181	76.463		
9/5/12 9:54			54.901	20.509	211.198	78.48		
9/5/12 9:56			54.127	20.52	212.987	80.269		
9/5/12 9:58			53.474	20.521	214.494	81.776		
9/5/12 10:00			52.908	20.522	215.8	83.082		
9/5/12 10:02			52.43	20.526	216.903	84.185		
9/5/12 10:04			52.034	20.523	217.818	85.1		
9/5/12 10:06			51.69	20.525	218.612	85.894		
9/5/12 10:08			51.307	20.522	219.498	86.78		
9/5/12 10:10			50.976	20.518	220.262	87.544		
9/5/12 10:12			50.727	20.511	220.836	88.118		
9/5/12 10:14			50.534	20.506	221.281	88.563		
9/5/12 10:16			50.363	20.505	221.676	88.958		
9/5/12 10:18			50.236	20.505	221.969	89.251		
9/5/12 10:20			50.14	20.501	222.193	89.475		
9/5/12 10:22			50.087	20.501	222.313	89.595		
9/5/12 10:24			50.036	20.495	222.431	89.713		
9/5/12 10:26			49.955	20.491	222.62	89.902		
9/5/12 10:28			49.872	20.485	222.811	90.093		
9/5/12 10:30			49.85	20.475	222.861	90.143		
9/5/12 10:32			49.827	20.472	222.915	90.197		
9/5/12 10:34			49.79	20.465	223.001	90.283		
9/5/12 10:36			49.799	20.459	222.98	90.262		
9/5/12 10:38			49.774	20.455	223.037	90.319		
9/5/12 10:40			49.759	20.451	223.072	90.354		
9/5/12 10:42			44.075	20.4	236.196	103.478		45 gpm

Table F-1

Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/5/12 10:44			37.333	20.326	251.763	119.045		
9/5/12 10:46			32.315	20.323	263.349	130.631		
9/5/12 10:48			28.639	20.348	271.838	139.12		
9/5/12 10:50			25.673	20.358	278.686	145.968		
9/5/12 10:52			23.29	20.351	284.187	151.469		
9/5/12 10:54			21.424	20.355	288.496	155.778		
9/5/12 10:56			19.952	20.361	291.896	159.178		
9/5/12 10:58			18.755	20.367	294.658	161.94		
9/5/12 11:00			17.912	20.369	296.604	163.886		
9/5/12 11:02			17.296	20.366	298.027	165.309		
9/5/12 11:04			16.847	20.372	299.064	166.346		
9/5/12 11:06			16.509	20.368	299.846	167.128		
9/5/12 11:08			16.253	20.368	300.436	167.718		
9/5/12 11:10			16.027	20.366	300.957	168.239		
9/5/12 11:12			15.872	20.366	301.316	168.598		
9/5/12 11:14			15.751	20.366	301.596	168.878		
9/5/12 11:16			15.632	20.363	301.87	169.152		
9/5/12 11:18			15.543	20.361	302.076	169.358		
9/5/12 11:20			15.493	20.365	302.192	169.474		
9/5/12 11:22			15.434	20.361	302.328	169.61		
9/5/12 11:24			15.386	20.361	302.436	169.718		
9/5/12 11:26			15.352	20.356	302.516	169.798		
9/5/12 11:28			15.301	20.356	302.633	169.915		
9/5/12 11:30			15.281	20.355	302.68	169.962		
9/5/12 11:32			15.228	20.354	302.802	170.084		
9/5/12 11:34			15.227	20.35	302.805	170.087		
9/5/12 11:36			15.218	20.349	302.826	170.108		
9/5/12 11:38			15.194	20.345	302.88	170.162		
9/5/12 11:40			15.178	20.344	302.918	170.2		

Table F-1

Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/5/12 11:42			15.134	20.342	303.019	170.301		
9/5/12 11:44			15.126	20.343	303.037	170.319		
9/5/12 11:46			15.144	20.34	302.997	170.279		
9/5/12 11:48			15.12	20.336	303.053	170.335		
9/5/12 11:50			15.122	20.336	303.046	170.328		
9/5/12 11:52			15.118	20.336	303.057	170.339		
9/5/12 11:54			15.111	20.331	303.072	170.354		
9/5/12 11:56			15.106	20.329	303.084	170.366		
9/5/12 11:58			15.108	20.329	303.08	170.362		
9/5/12 12:00			15.105	20.33	303.087	170.369		
9/5/12 12:02			15.108	20.324	303.08	170.362		
9/5/12 12:04			15.109	20.323	303.078	170.36		
9/5/12 12:06			15.116	20.32	303.06	170.342		
9/5/12 12:08			15.103	20.321	303.092	170.374		
9/5/12 12:10			15.077	20.321	303.151	170.433		
9/5/12 12:12			15.122	20.32	303.048	170.33		
9/5/12 12:14			15.113	20.313	303.068	170.35		
9/5/12 12:16			15.12	20.315	303.051	170.333		
9/5/12 12:18			15.088	20.309	303.126	170.408		
9/5/12 12:20			15.102	20.311	303.093	170.375		
9/5/12 12:22			15.092	20.311	303.117	170.399		
9/5/12 12:24			15.075	20.307	303.155	170.437		
9/5/12 12:26			15.054	20.304	303.203	170.485		
9/5/12 12:28			15.021	20.302	303.281	170.563		
9/5/12 12:30			15.001	20.305	303.327	170.609		
9/5/12 12:32			14.98	20.304	303.374	170.656		
9/5/12 12:34			14.95	20.301	303.443	170.725		
9/5/12 12:36			14.91	20.295	303.537	170.819		
9/5/12 12:38			14.937	20.297	303.474	170.756		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/5/12 12:40			14.918	20.298	303.519	170.801		
9/5/12 12:42			14.918	20.3	303.518	170.8		
9/5/12 12:44			14.918	20.295	303.518	170.8		
9/5/12 12:46			14.929	20.293	303.492	170.774		
9/5/12 12:48			14.914	20.289	303.528	170.81		
9/5/12 12:50			14.916	20.291	303.524	170.806		
9/5/12 12:52			14.897	20.292	303.566	170.848		
9/5/12 12:54			14.907	20.285	303.543	170.825		
9/5/12 12:56			14.886	20.288	303.593	170.875		
9/5/12 12:58			14.881	20.288	303.604	170.886		
9/5/12 13:00			14.856	20.284	303.661	170.943		
9/5/12 13:02			14.864	20.282	303.643	170.925		
9/5/12 13:04			14.849	20.279	303.678	170.96		
9/5/12 13:06			14.842	20.281	303.694	170.976		
9/5/12 13:08			14.818	20.279	303.749	171.031		
9/5/12 13:10			14.808	20.281	303.773	171.055		
9/5/12 13:12			14.771	20.278	303.859	171.141		
9/5/12 13:14			14.779	20.274	303.839	171.121		
9/5/12 13:16			14.767	20.277	303.866	171.148		
9/5/12 13:18			14.752	20.274	303.902	171.184		
9/5/12 13:20			14.768	20.274	303.865	171.147		
9/5/12 13:22			14.759	20.272	303.886	171.168		
9/5/12 13:24			14.769	20.269	303.863	171.145		
9/5/12 13:26			14.764	20.267	303.874	171.156		
9/5/12 13:28			14.758	20.27	303.887	171.169		
9/5/12 13:30			14.768	20.266	303.865	171.147		
9/5/12 13:32			14.752	20.263	303.902	171.184		
9/5/12 13:34			14.743	20.264	303.922	171.204		
9/5/12 13:36			14.74	20.264	303.93	171.212		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/5/12 13:38			14.743	20.261	303.922	171.204		
9/5/12 13:40			14.739	20.26	303.933	171.215		
9/5/12 13:42			14.75	20.261	303.907	171.189		
9/5/12 13:44			14.757	20.259	303.889	171.171		
9/5/12 13:46			14.733	20.26	303.945	171.227		
9/5/12 13:48			14.731	20.256	303.951	171.233		
9/5/12 13:50			14.725	20.256	303.963	171.245		
9/5/12 13:52			14.702	20.254	304.017	171.299		
9/5/12 13:54			14.725	20.252	303.963	171.245		
9/5/12 13:56			14.733	20.249	303.945	171.227		
9/5/12 13:58			14.705	20.249	304.01	171.292		
9/5/12 14:00			14.733	20.249	303.945	171.227		
9/5/12 14:02			14.723	20.247	303.969	171.251		End of step test
9/5/12 14:04			33.028	20.375	261.702	128.984		
9/5/12 14:06			44.551	20.469	235.097	102.379		
9/5/12 14:08			54.538	20.571	212.037	79.319		
9/5/12 14:10			62.773	20.663	193.022	60.304		
9/5/12 14:12			69.31	20.721	177.928	45.21		
9/5/12 14:14			74.391	20.747	166.198	33.48		
9/5/12 14:16			78.201	20.765	157.399	24.681		
9/5/12 14:18			80.979	20.764	150.986	18.268		
9/5/12 14:20			82.981	20.758	146.363	13.645		
9/5/12 14:22			84.256	20.764	143.42	10.702		
9/5/12 14:24			75.973	20.597	162.544	29.826		
9/5/12 14:26			76.56	20.459	161.188	28.47		
9/5/12 14:28			67.945	20.312	181.08	48.362		
9/5/12 14:30			65.034	20.218	187.802	55.084		
9/5/12 14:32			59.43	20.107	200.741	68.023		
9/5/12 14:34			50.075	20.028	222.343	89.625		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/5/12 14:36			50.503	19.932	221.353	88.635		
9/5/12 14:38			41.197	19.89	242.841	110.123		
9/5/12 14:40			41.503	19.883	242.135	109.417		
9/5/12 14:42			32.514	19.925	262.89	130.172		
9/5/12 14:44			24.316	19.967	281.818	149.1		
9/5/12 14:46			23.395	20.06	283.946	151.228		
9/5/12 14:48			14.413	20.192	304.685	171.967		
9/5/12 14:50			5.244	20.352	325.855	193.137		
9/5/12 14:52			0.062	20.498	337.82	205.102		
9/5/12 14:54			0.044	20.627	337.862	205.144		
9/5/12 14:56			0.038	20.734	337.876	205.158		
9/5/12 14:58			0.044	20.812	337.863	205.145		
9/5/12 15:00			0.035	20.892	337.883	205.165		
9/5/12 15:02			0.009	20.965	337.942	205.224		
9/5/12 15:04			0.025	21.03	337.907	205.189		
9/5/12 15:06			0.03	21.079	337.895	205.177		
9/5/12 15:08			0.046	21.133	337.857	205.139		
9/5/12 15:10			0.026	21.437	337.904	205.186		
9/5/12 15:12			0	22.218	337.963	205.245		
9/5/12 15:14			0.014	25.808	337.932	205.214		
9/5/12 15:16			0.011	29.21	337.938	205.22		
9/5/12 15:18			0.011	31.664	337.939	205.221		
9/5/12 15:20			0.025	33.423	337.906	205.188		
9/5/12 15:22			0.029	34.663	337.895	205.177		
9/5/12 15:24			0.032	35.446	337.89	205.172		
9/5/12 15:26			0.042	35.904	337.867	205.149		
9/5/12 15:28			0.036	36.275	337.88	205.162		
9/5/12 15:30			0.038	36.495	337.876	205.158		
9/5/12 15:32			0.036	36.661	337.881	205.163		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/5/12 15:34			0.047	36.781	337.854	205.136		
9/5/12 15:36			0.045	36.846	337.86	205.142		
9/5/12 15:38			0.032	36.89	337.888	205.17		
9/5/12 15:40			0.03	36.868	337.893	205.175		
9/5/12 15:42			0.038	36.95	337.876	205.158		
9/5/12 15:44			0.038	37.06	337.876	205.158		
9/5/12 15:46			0.026	37.232	337.903	205.185		
9/5/12 15:48			0.05	37.366	337.848	205.13		
9/5/12 15:50			0.044	37.353	337.862	205.144		
9/5/12 15:52			0.042	37.347	337.867	205.149		
9/5/12 15:54			0.045	37.173	337.859	205.141		
9/5/12 15:56			0.073	36.893	337.796	205.078		
9/5/12 15:58			0.047	36.689	337.854	205.136		
9/5/12 16:00			0.055	36.542	337.835	205.117		
9/5/12 16:02			0.041	36.409	337.868	205.15		
9/5/12 16:04			0.053	36.463	337.842	205.124		
9/6/12 15:15							133.97	
9/7/12 7:59							134.53	*10 in offset
9/7/12 8:00	0	0	92.867	20.491	132.718	0		Start of APT 2
9/7/12 8:00	0.251	0.004183333	87.257	20.511	145.672	12.954		50 gpm
9/7/12 8:00	0.501	0.00835	85.314	20.525	150.159	17.441		Flow readings below in gpm
9/7/12 8:00	0.751	0.012516667	87.65	20.536	144.766	12.048		
9/7/12 8:00	1.001	0.016683333	92.072	20.543	134.553	1.835		
9/7/12 8:00	1.251	0.02085	94.978	20.551	127.845	-4.873		
9/7/12 8:00	1.501	0.025016667	93.995	20.553	130.114	-2.604		
9/7/12 8:00	1.751	0.029183333	90.52	20.561	138.137	5.419		
9/7/12 8:00	2.001	0.03335	87.626	20.564	144.82	12.102		
9/7/12 8:00	2.251	0.037516667	87.119	20.567	145.992	13.274		
9/7/12 8:00	2.501	0.041683333	89.02	20.567	141.602	8.884		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/7/12 8:00	2.751	0.04585	91.54	20.572	135.783	3.065		
9/7/12 8:00	3.001	0.050016667	92.57	20.576	133.405	0.687		
9/7/12 8:00	3.251	0.054183333	91.412	20.578	136.078	3.36		
9/7/12 8:00	3.501	0.05835	89.219	20.577	141.141	8.423		
9/7/12 8:00	3.751	0.062516667	87.793	20.579	144.434	11.716		
9/7/12 8:00	4.001	0.066683333	87.937	20.582	144.102	11.384		
9/7/12 8:00	4.251	0.07085	89.302	20.581	140.951	8.233		
9/7/12 8:00	4.501	0.075016667	90.611	20.584	137.927	5.209		
9/7/12 8:00	4.751	0.079183333	90.766	20.587	137.569	4.851		
9/7/12 8:00	5.001	0.08335	89.787	20.588	139.83	7.112		
9/7/12 8:00	5.251	0.087516667	88.455	20.589	142.905	10.187		
9/7/12 8:00	5.501	0.091683333	87.785	20.592	144.452	11.734		
9/7/12 8:00	5.751	0.09585	88.119	20.589	143.681	10.963		
9/7/12 8:00	6.001	0.100016667	89.016	20.591	141.611	8.893		
9/7/12 8:00	6.36	0.106	89.65	20.584	140.146	7.428		
9/7/12 8:00	6.72	0.112	88.763	20.578	142.195	9.477		
9/7/12 8:00	7.14	0.119	87.644	20.572	144.778	12.06		
9/7/12 8:00	7.56	0.126	88.103	20.568	143.719	11.001		
9/7/12 8:00	7.98	0.133	88.736	20.565	142.257	9.539		
9/7/12 8:00	8.46	0.141	87.902	20.561	144.183	11.465		
9/7/12 8:00	9	0.15	87.086	20.555	146.068	13.35		
9/7/12 8:00	9.48	0.158	87.854	20.557	144.293	11.575		
9/7/12 8:00	10.08	0.168	87.405	20.552	145.329	12.611		
9/7/12 8:00	10.68	0.178	86.704	20.549	146.95	14.232		
9/7/12 8:00	11.28	0.188	87.17	20.548	145.873	13.155		
9/7/12 8:00	11.94	0.199	86.475	20.544	147.479	14.761		
9/7/12 8:00	12.66	0.211	86.369	20.543	147.721	15.003		
9/7/12 8:00	13.44	0.224	86.103	20.541	148.336	15.618		
9/7/12 8:00	14.22	0.237	85.75	20.537	149.152	16.434		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/7/12 8:00	15.06	0.251	85.502	20.539	149.723	17.005		
9/7/12 8:00	15.96	0.266	85.193	20.535	150.437	17.719		
9/7/12 8:00	16.92	0.282	84.799	20.535	151.346	18.628		
9/7/12 8:00	17.88	0.298	84.549	20.534	151.924	19.206		
9/7/12 8:00	18.96	0.316	84.095	20.535	152.974	20.256		
9/7/12 8:00	20.1	0.335	83.736	20.533	153.802	21.084		
9/7/12 8:00	21.3	0.355	83.362	20.531	154.666	21.948		
9/7/12 8:00	22.56	0.376	82.863	20.528	155.817	23.099		
9/7/12 8:00	23.88	0.398	82.428	20.529	156.823	24.105		
9/7/12 8:00	25.32	0.422	81.932	20.527	157.968	25.25		
9/7/12 8:00	26.82	0.447	81.459	20.527	159.06	26.342		
9/7/12 8:00	28.38	0.473	80.901	20.525	160.347	27.629		
9/7/12 8:00	30.06	0.501	80.378	20.526	161.556	28.838		
9/7/12 8:00	31.86	0.531	79.854	20.524	162.765	30.047		
9/7/12 8:00	33.72	0.562	79.165	20.522	164.357	31.639		
9/7/12 8:00	35.76	0.596	78.538	20.521	165.803	33.085		
9/7/12 8:00	37.86	0.631	77.879	20.519	167.325	34.607		
9/7/12 8:00	40.08	0.668	77.192	20.52	168.912	36.194		
9/7/12 8:00	42.48	0.708	76.41	20.519	170.718	38		
9/7/12 8:00	45	0.75	75.647	20.512	172.48	39.762		
9/7/12 8:00	47.64	0.794	74.839	20.512	174.346	41.628		
9/7/12 8:00	50.46	0.841	74.031	20.512	176.21	43.492		
9/7/12 8:00	53.46	0.891	73.224	20.507	178.074	45.356		
9/7/12 8:00	56.64	0.944	72.283	20.504	180.247	47.529		
9/7/12 8:01	60	1	71.214	20.501	182.715	49.997		
9/7/12 8:01	63.6	1.06	70.159	20.498	185.152	52.434		
9/7/12 8:01	67.2	1.12	69.195	20.497	187.376	54.658		
9/7/12 8:01	71.4	1.19	68.086	20.493	189.938	57.22		
9/7/12 8:01	75.6	1.26	66.879	20.484	192.725	60.007		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/7/12 8:01	79.8	1.33	65.77	20.48	195.284	62.566		
9/7/12 8:01	84.6	1.41	64.516	20.475	198.18	65.462		
9/7/12 8:01	90	1.5	63.184	20.469	201.255	68.537		
9/7/12 8:01	94.8	1.58	62.089	20.462	203.783	71.065		
9/7/12 8:01	100.8	1.68	60.486	20.451	207.484	74.766		
9/7/12 8:01	106.8	1.78	59.089	20.442	210.71	77.992		
9/7/12 8:01	112.8	1.88	57.765	20.434	213.769	81.051		
9/7/12 8:01	119.4	1.99	56.326	20.417	217.09	84.372		
9/7/12 8:02	126.6	2.11	54.703	20.407	220.839	88.121		
9/7/12 8:02	134.4	2.24	53.065	20.393	224.619	91.901		
9/7/12 8:02	142.2	2.37	51.209	20.38	228.906	96.188		
9/7/12 8:02	150.6	2.51	49.622	20.371	232.571	99.853		
9/7/12 8:02	159.6	2.66	47.911	20.356	236.521	103.803		
9/7/12 8:02	169.2	2.82	46.136	20.344	240.618	107.9		
9/7/12 8:02	178.8	2.98	44.4	20.343	244.627	111.909		
9/7/12 8:03	189.6	3.16	42.541	20.334	248.92	116.202		
9/7/12 8:03	201	3.35	40.533	20.334	253.556	120.838		
9/7/12 8:03	213	3.55	38.61	20.333	257.997	125.279		
9/7/12 8:03	225.6	3.76	36.643	20.335	262.538	129.82		
9/7/12 8:03	238.8	3.98	34.655	20.341	267.128	134.41		
9/7/12 8:04	253.2	4.22	36.45	20.35	262.983	130.265		
9/7/12 8:04	268.2	4.47	37.858	20.358	259.734	127.016		
9/7/12 8:04	283.8	4.73	38.148	20.398	259.062	126.344		
9/7/12 8:05	300.6	5.01	37.995	20.432	259.415	126.697		
9/7/12 8:05	318.6	5.31	37.868	20.449	259.708	126.99		
9/7/12 8:05	337.2	5.62	37.755	20.472	259.971	127.253		
9/7/12 8:05	357.6	5.96	37.611	20.494	260.302	127.584		
9/7/12 8:06	378.6	6.31	37.483	20.513	260.598	127.88		
9/7/12 8:06	400.8	6.68	37.364	20.538	260.873	128.155		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/7/12 8:07	424.8	7.08	37.223	20.557	261.198	128.48		
9/7/12 8:07	450	7.5	37.063	20.57	261.569	128.851		
9/7/12 8:07	476.4	7.94	36.97	20.581	261.782	129.064		
9/7/12 8:08	504.6	8.41	36.841	20.581	262.081	129.363		
9/7/12 8:08	534.6	8.91	36.739	20.574	262.316	129.598		
9/7/12 8:09	566.4	9.44	36.639	20.566	262.547	129.829		
9/7/12 8:10	600	10	36.374	20.556	263.159	130.441		
9/7/12 8:10	636	10.6	35.994	20.541	264.035	131.317		
9/7/12 8:11	672	11.2	35.614	20.532	264.914	132.196		
9/7/12 8:11	714	11.9	35.179	20.514	265.918	133.2		
9/7/12 8:12	756	12.6	34.778	20.503	266.844	134.126		
9/7/12 8:13	798	13.3	34.404	20.487	267.709	134.991		
9/7/12 8:14	846	14.1	34.011	20.478	268.616	135.898		
9/7/12 8:15	900	15	33.517	20.466	269.755	137.037		
9/7/12 8:15	948	15.8	33.124	20.46	270.664	137.946		
9/7/12 8:16	1008	16.8	32.605	20.455	271.862	139.144		
9/7/12 8:17	1068	17.8	32.134	20.456	272.95	140.232		
9/7/12 8:18	1128	18.8	31.652	20.455	274.061	141.343		
9/7/12 8:19	1194	19.9	31.106	20.459	275.324	142.606		
9/7/12 8:21	1266	21.1	30.564	20.467	276.574	143.856		
9/7/12 8:22	1344	22.4	30.026	20.475	277.817	145.099		
9/7/12 8:23	1422	23.7	29.448	20.485	279.152	146.434		
9/7/12 8:25	1506	25.1	28.84	20.494	280.554	147.836		
9/7/12 8:26	1596	26.6	28.233	20.503	281.956	149.238		
9/7/12 8:28	1692	28.2	27.59	20.512	283.442	150.724		
9/7/12 8:29	1788	29.8	26.956	20.52	284.906	152.188		
9/7/12 8:31	1896	31.6	26.281	20.529	286.464	153.746		
9/7/12 8:33	2010	33.5	25.649	20.538	287.923	155.205		
9/7/12 8:35	2130	35.5	24.972	20.546	289.485	156.767		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/7/12 8:37	2256	37.6	24.305	20.551	291.027	158.309		
9/7/12 8:39	2388	39.8	23.642	20.552	292.557	159.839		
9/7/12 8:42	2532	42.2	22.976	20.557	294.095	161.377		
9/7/12 8:44	2682	44.7	22.308	20.561	295.637	162.919		
9/7/12 8:47	2838	47.3	21.668	20.566	297.114	164.396		
9/7/12 8:50	3006	50.1	21.043	20.573	298.557	165.839		
9/7/12 8:53	3186	53.1	20.126	20.572	300.676	167.958		
9/7/12 8:56	3372	56.2	18.65	20.57	304.083	171.365		
9/7/12 8:59	3576	59.6	17.226	20.573	307.372	174.654		
9/7/12 9:03	3786	63.1	15.923	20.579	310.379	177.661		
9/7/12 9:06	4008	66.8	13.824	20.583	315.226	182.508		
9/7/12 9:10	4248	70.8	11.526	20.583	320.533	187.815		
9/7/12 9:15	4500	75	9.402	20.596	325.437	192.719		
9/7/12 9:19	4764	79.4	7.31	20.582	330.266	197.548		
9/7/12 9:24	5046	84.1	5.443	20.588	334.578	201.86		
9/7/12 9:29	5346	89.1	3.837	20.589	338.287	205.569		
9/7/12 9:34	5664	94.4	2.535	20.578	341.292	208.574		
9/7/12 9:40	6000	100	0.561	20.555	345.851	213.133		
9/7/12 9:46	6360	106	0.037	21.286	347.06	214.342		
9/7/12 9:52	6720	112	0.025	21.38	347.087	214.369		
9/7/12 9:59	7140	119	0.043	21.382	347.047	214.329		
9/7/12 10:06	7560	126	0.031	21.334	347.073	214.355		
9/7/12 10:13	7980	133	0.025	21.204	347.088	214.37		
9/7/12 10:21	8460	141	0.026	21.186	347.087	214.369		
9/7/12 10:30	9000	150	0.013	21.179	347.115	214.397		
9/7/12 10:38	9480	158	0.032	21.176	347.073	214.355		
9/7/12 10:48	10080	168	0.01	21.172	347.123	214.405		
9/7/12 10:58	10680	178	0.024	21.169	347.091	214.373		
9/7/12 11:08	11280	188	0.022	21.161	347.096	214.378		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/7/12 11:19	11940	199	0.027	21.158	347.084	214.366		
9/7/12 11:31	12660	211	0.033	21.159	347.068	214.35		
9/7/12 11:44	13440	224	0.035	21.15	347.065	214.347		
9/7/12 11:57	14220	237	0.026	21.145	347.087	214.369		
9/7/12 12:00							262.73	48
9/7/12 12:11	15060	251	0.02	21.145	347.1	214.382		
9/7/12 12:26	15960	266	0.028	21.145	347.081	214.363		
9/7/12 12:41	16860	281	0.032	21.141	347.072	214.354		
9/7/12 12:56	17760	296	0.037	21.132	347.059	214.341		
9/7/12 13:00							262.72	47
9/7/12 13:11	18660	311	0.014	21.131	347.114	214.396		
9/7/12 13:26	19560	326	0.01	21.097	347.122	214.404		
9/7/12 13:41	20460	341	0.028	21.08	347.081	214.363		
9/7/12 13:56	21360	356	0.029	21.078	347.078	214.36		
9/7/12 14:00							262.71	48
9/7/12 14:11	22260	371	0.023	21.073	347.093	214.375		
9/7/12 14:26	23160	386	0.021	21.069	347.098	214.38		
9/7/12 14:41	24060	401	0.021	21.067	347.096	214.378		
9/7/12 14:56	24960	416	0.025	21.065	347.089	214.371		
9/7/12 15:00							262.69	48
9/7/12 15:11	25860	431	0.025	21.062	347.087	214.369		
9/7/12 15:26	26760	446	0.008	21.018	347.127	214.409		
9/7/12 15:41	27660	461	0.014	20.999	347.113	214.395		
9/7/12 15:56	28560	476	0.017	21.04	347.107	214.389		
9/7/12 16:11	29460	491	0.022	21.037	347.095	214.377		
9/7/12 16:15							262.40	48.45
9/7/12 16:26	30360	506	0.027	21.045	347.083	214.365		
9/7/12 16:41	31260	521	0.013	21.04	347.116	214.398		
9/7/12 16:56	32160	536	0.02	21.022	347.099	214.381		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/7/12 17:11	33060	551	0.009	21.058	347.125	214.407		
9/7/12 17:26	33960	566	0.03	21.016	347.077	214.359		
9/7/12 17:41	34860.093	581.00155	9.056	20.826	326.236	193.518		
9/7/12 17:56	35760	596	23.106	20.656	293.794	161.076		
9/7/12 18:11	36660	611	30.029	20.504	277.811	145.093		
9/7/12 18:26	37560	626	31.858	20.461	273.587	140.869		
9/7/12 18:41	38460	641	29.293	20.426	279.51	146.792		
9/7/12 18:56	39360	656	27.901	20.45	282.724	150.006		
9/7/12 19:11	40260	671	27.337	20.458	284.024	151.306		
9/7/12 19:26	41160.065	686.0010833	27.318	20.499	284.07	151.352		
9/7/12 19:41	42060	701	27.704	20.466	283.179	150.461		
9/7/12 19:56	42960	716	28.274	20.457	281.862	149.144		
9/7/12 20:11	43860	731	28.67	20.425	280.947	148.229		
9/7/12 20:26	44760	746	29.019	20.42	280.143	147.425		
9/7/12 20:41	45660	761	29.2	20.421	279.723	147.005		
9/7/12 20:56	46560	776	29.359	20.415	279.356	146.638		
9/7/12 21:11	47460	791	29.464	20.408	279.114	146.396		
9/7/12 21:26	48360	806	29.575	20.409	278.858	146.14		
9/7/12 21:41	49260	821	29.729	20.403	278.501	145.783		
9/7/12 21:56	50160	836	29.974	20.405	277.937	145.219		
9/7/12 22:11	51060	851	30.207	20.396	277.398	144.68		
9/7/12 22:26	51960	866	30.368	20.391	277.027	144.309		
9/7/12 22:41	52860	881	30.485	20.385	276.758	144.04		
9/7/12 22:56	53760	896	30.581	20.384	276.536	143.818		
9/7/12 23:11	54660	911	30.689	20.383	276.287	143.569		
9/7/12 23:26	55560	926	30.672	20.382	276.324	143.606		
9/7/12 23:41	56460	941	30.681	20.381	276.305	143.587		
9/7/12 23:56	57360	956	30.651	20.381	276.374	143.656		
9/8/12 0:11	58260	971	30.637	20.381	276.406	143.688		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/8/12 0:26	59160	986	30.628	20.38	276.427	143.709		
9/8/12 0:41	60060	1001	30.582	20.374	276.533	143.815		
9/8/12 0:56	60960	1016	30.629	20.372	276.424	143.706		
9/8/12 1:11	61860	1031	30.643	20.374	276.393	143.675		
9/8/12 1:26	62760	1046	30.636	20.374	276.409	143.691		
9/8/12 1:41	63660	1061	30.6	20.37	276.492	143.774		
9/8/12 1:56	64560	1076	30.579	20.372	276.54	143.822		
9/8/12 2:11	65460	1091	30.581	20.369	276.534	143.816		
9/8/12 2:26	66360	1106	30.549	20.369	276.608	143.89		
9/8/12 2:41	67260	1121	30.551	20.369	276.604	143.886		
9/8/12 2:56	68160	1136	30.643	20.367	276.391	143.673		
9/8/12 3:11	69060	1151	30.683	20.362	276.3	143.582		
9/8/12 3:26	69960	1166	30.813	20.364	275.998	143.28		
9/8/12 3:41	70860	1181	30.911	20.362	275.773	143.055		
9/8/12 3:56	71760	1196	30.981	20.362	275.611	142.893		
9/8/12 4:11	72660	1211	31.027	20.357	275.505	142.787		
9/8/12 4:26	73560	1226	31.019	20.356	275.523	142.805		
9/8/12 4:41	74460	1241	31.042	20.356	275.47	142.752		
9/8/12 4:56	75360	1256	31.077	20.356	275.39	142.672		
9/8/12 5:11	76260	1271	31.089	20.353	275.361	142.643		
9/8/12 5:26	77160	1286	31.087	20.352	275.366	142.648		
9/8/12 5:41	78060	1301	31.07	20.35	275.406	142.688		
9/8/12 5:56	78960	1316	31.104	20.352	275.327	142.609		
9/8/12 6:11	79860	1331	31.176	20.351	275.161	142.443		
9/8/12 6:26	80760	1346	31.218	20.351	275.064	142.346		
9/8/12 6:41	81660	1361	31.21	20.342	275.083	142.365		
9/8/12 6:56	82560	1376	31.201	20.349	275.105	142.387		
9/8/12 7:11	83460	1391	31.192	20.345	275.124	142.406		
9/8/12 7:26	84360	1406	31.181	20.344	275.15	142.432		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/8/12 7:30								45.41
9/8/12 7:41	85260	1421	31.223	20.346	275.053	142.335		
9/8/12 7:56	86160	1436	31.312	20.344	274.846	142.128		
9/8/12 8:00								45.41
9/8/12 8:11	87060	1451	31.36	20.341	274.736	142.018		
9/8/12 8:26	87960	1466	31.384	20.341	274.68	141.962		
9/8/12 8:41	88860	1481	31.407	20.34	274.628	141.91		
9/8/12 8:56	89760	1496	31.38	20.339	274.691	141.973		
9/8/12 9:00								45.53
9/8/12 9:11	90660	1511	31.323	20.335	274.821	142.103		
9/8/12 9:26	91560	1526	31.304	20.336	274.866	142.148		
9/8/12 9:41	92460	1541	31.302	20.338	274.869	142.151		
9/8/12 9:56	93360	1556	31.287	20.334	274.904	142.186		
9/8/12 10:00								45.41
9/8/12 10:11	94260	1571	31.282	20.331	274.916	142.198		
9/8/12 10:26	95160	1586	31.307	20.334	274.858	142.14		
9/8/12 10:41	96060	1601	31.31	20.33	274.853	142.135		
9/8/12 10:56	96960	1616	31.417	20.36	274.605	141.887		
9/8/12 11:00							274.65	45.41
9/8/12 11:11	97860	1631	31.499	20.335	274.416	141.698		
9/8/12 11:26	98760	1646	31.65	20.33	274.066	141.348		
9/8/12 11:41	99660	1661	31.76	20.331	273.814	141.096		
9/8/12 11:56	100560	1676	31.835	20.326	273.639	140.921		
9/8/12 12:00								45.41
9/8/12 12:11	101460	1691	31.863	20.325	273.575	140.857		
9/8/12 12:26	102360	1706	31.911	20.32	273.464	140.746		
9/8/12 12:41	103260	1721	31.956	20.321	273.361	140.643		
9/8/12 12:56	104160	1736	32.007	20.322	273.243	140.525		
9/8/12 13:00								45.41

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/8/12 13:11	105060	1751	31.999	20.32	273.261	140.543		
9/8/12 13:26	105960	1766	31.992	20.318	273.277	140.559		
9/8/12 13:41	106860	1781	31.987	20.317	273.289	140.571		
9/8/12 13:56	107760	1796	31.949	20.321	273.376	140.658		
9/8/12 14:00							273.48	45.41
9/8/12 14:11	108660	1811	31.967	20.319	273.334	140.616		
9/8/12 14:26	109560	1826	31.975	20.312	273.317	140.599		
9/8/12 14:41	110460	1841	31.903	20.314	273.482	140.764		
9/8/12 14:56	111360	1856	31.914	20.315	273.456	140.738		
9/8/12 15:00							273.58	45.29
9/8/12 15:11	112260	1871	31.91	20.318	273.467	140.749		
9/8/12 15:26	113160	1886	31.897	20.313	273.497	140.779		
9/8/12 15:41	114060	1901	31.885	20.315	273.524	140.806		
9/8/12 15:56	114960	1916	31.893	20.315	273.505	140.787		
9/8/12 16:00							273.60	45.29
9/8/12 16:11	115860	1931	31.874	20.316	273.55	140.832		
9/8/12 16:26	116760	1946	31.855	20.31	273.594	140.876		
9/8/12 16:41	117660	1961	31.827	20.312	273.658	140.94		
9/8/12 16:56	118560	1976	31.933	20.311	273.412	140.694		
9/8/12 17:00							273.45	45.41
9/8/12 17:11	119460	1991	31.969	20.338	273.329	140.611		
9/8/12 17:26	120360	2006	32.039	20.308	273.168	140.45		
9/8/12 17:41	121260	2021	32.007	20.306	273.242	140.524		
9/8/12 17:56	122160	2036	32.394	20.31	272.348	139.63		
9/8/12 18:00							273.34	45.41
9/8/12 18:11	123060	2051	33.643	20.303	269.465	136.747		
9/8/12 18:26	123960	2066	34.401	20.289	267.715	134.997		
9/8/12 18:41	124860	2081	34.891	20.28	266.583	133.865		
9/8/12 18:56	125760	2096	35.159	20.27	265.964	133.246		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/8/12 19:11	126660	2111	35.304	20.267	265.629	132.911		
9/8/12 19:26	127560	2126	35.413	20.262	265.378	132.66		
9/8/12 19:41	128460	2141	35.416	20.261	265.372	132.654		
9/8/12 19:56	129360	2156	35.435	20.259	265.327	132.609		
9/8/12 20:11	130260	2171	35.404	20.261	265.399	132.681		
9/8/12 20:26	131160	2186	35.419	20.26	265.365	132.647		
9/8/12 20:41	132060	2201	35.425	20.261	265.351	132.633		
9/8/12 20:56	132960	2216	35.416	20.255	265.371	132.653		
9/8/12 21:11	133860	2231	35.401	20.25	265.407	132.689		
9/8/12 21:26	134760	2246	35.44	20.254	265.315	132.597		
9/8/12 21:41	135660	2261	35.44	20.258	265.315	132.597		
9/8/12 21:56	136560	2276	35.448	20.255	265.297	132.579		
9/8/12 22:11	137460	2291	35.448	20.249	265.298	132.58		
9/8/12 22:26	138360	2306	35.423	20.256	265.354	132.636		
9/8/12 22:41	139260	2321	35.442	20.248	265.312	132.594		
9/8/12 22:56	140160	2336	35.471	20.253	265.244	132.526		
9/8/12 23:11	141060	2351	35.425	20.251	265.35	132.632		
9/8/12 23:26	141960	2366	35.485	20.251	265.212	132.494		
9/8/12 23:41	142860	2381	35.461	20.246	265.267	132.549		
9/8/12 23:56	143760	2396	35.447	20.251	265.299	132.581		
9/9/12 0:11	144660	2411	35.455	20.25	265.282	132.564		
9/9/12 0:26	145560	2426	35.449	20.249	265.295	132.577		
9/9/12 0:41	146460	2441	35.438	20.251	265.321	132.603		
9/9/12 0:56	147360	2456	35.407	20.25	265.392	132.674		
9/9/12 1:11	148260	2471	35.423	20.246	265.354	132.636		
9/9/12 1:26	149160	2486	35.401	20.247	265.406	132.688		
9/9/12 1:41	150060	2501	35.416	20.244	265.372	132.654		
9/9/12 1:56	150960	2516	35.404	20.249	265.398	132.68		
9/9/12 2:11	151860	2531	35.401	20.243	265.406	132.688		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/9/12 2:26	152760	2546	35.38	20.244	265.455	132.737		
9/9/12 2:41	153660	2561	35.389	20.246	265.433	132.715		
9/9/12 2:56	154560	2576	35.372	20.245	265.473	132.755		
9/9/12 3:11	155460	2591	35.405	20.247	265.396	132.678		
9/9/12 3:26	156360	2606	35.383	20.244	265.447	132.729		
9/9/12 3:41	157260	2621	35.383	20.243	265.446	132.728		
9/9/12 3:56	158160	2636	35.394	20.242	265.422	132.704		
9/9/12 4:11	159060	2651	35.397	20.245	265.416	132.698		
9/9/12 4:26	159960	2666	35.384	20.246	265.445	132.727		
9/9/12 4:41	160860	2681	35.375	20.243	265.466	132.748		
9/9/12 4:56	161760	2696	35.384	20.241	265.445	132.727		
9/9/12 5:11	162660	2711	35.408	20.24	265.389	132.671		
9/9/12 5:26	163560	2726	35.436	20.241	265.326	132.608		
9/9/12 5:41	164460	2741	35.474	20.239	265.236	132.518		
9/9/12 5:56	165360	2756	35.475	20.239	265.235	132.517		
9/9/12 6:11	166260	2771	35.549	20.239	265.063	132.345		
9/9/12 6:26	167160	2786	35.554	20.236	265.053	132.335		
9/9/12 6:41	168060	2801	35.537	20.236	265.092	132.374		
9/9/12 6:56	168960	2816	35.591	20.234	264.968	132.25		
9/9/12 7:00							266.39	45.65
9/9/12 7:11	169860	2831	34.739	20.272	266.934	134.216		
9/9/12 7:26	170760	2846	34.459	20.252	267.58	134.862		
9/9/12 7:41	171660	2861	34.346	20.252	267.841	135.123		
9/9/12 7:56	172560	2876	34.291	20.25	267.97	135.252		
9/9/12 8:00							268.08	45.29
9/9/12 8:11	173460	2891	34.266	20.25	268.026	135.308		
9/9/12 8:26	174360	2906	34.292	20.252	267.967	135.249		
9/9/12 8:41	175260	2921	34.332	20.251	267.875	135.157		
9/9/12 8:56	176160	2936	34.362	20.25	267.805	135.087		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/9/12 9:00							267.90	45.29
9/9/12 9:11	177060	2951	34.376	20.249	267.773	135.055		
9/9/12 9:26	177960	2966	34.419	20.251	267.674	134.956		
9/9/12 9:41	178860	2981	34.465	20.245	267.567	134.849		
9/9/12 9:56	179760	2996	34.506	20.246	267.471	134.753		
9/9/12 10:00							267.55	45.29
9/9/12 10:11	180660	3011	34.53	20.248	267.417	134.699		
9/9/12 10:26	181560	3026	34.578	20.245	267.306	134.588		
9/9/12 10:41	182460	3041	34.622	20.244	267.204	134.486		
9/9/12 10:56	183360	3056	34.63	20.242	267.185	134.467		
9/9/12 11:00							267.30	45.29
9/9/12 11:11	184260	3071	34.638	20.249	267.167	134.449		
9/9/12 11:26	185160	3086	34.649	20.247	267.141	134.423		
9/9/12 11:41	186060	3101	34.634	20.243	267.176	134.458		
9/9/12 11:56	186960	3116	34.62	20.242	267.209	134.491		
9/9/12 12:00							267.33	45.29
9/9/12 12:11	187860	3131	34.59	20.244	267.278	134.56		
9/9/12 12:26	188760	3146	34.646	20.246	267.15	134.432		
9/9/12 12:41	189660	3161	34.696	20.243	267.034	134.316		
9/9/12 12:56	190560	3176	34.687	20.243	267.053	134.335		
9/9/12 13:00							267.11	45.29
9/9/12 13:11	191460	3191	34.718	20.242	266.982	134.264		
9/9/12 13:26	192360	3206	34.755	20.236	266.897	134.179		
9/9/12 13:41	193260	3221	34.803	20.241	266.786	134.068		
9/9/12 13:56	194160	3236	34.846	20.235	266.687	133.969		
9/9/12 14:00							266.77	45.29
9/9/12 14:11	195060	3251	34.838	20.236	266.705	133.987		
9/9/12 14:26	195960	3266	34.829	20.236	266.726	134.008		
9/9/12 14:41	196860	3281	34.862	20.235	266.65	133.932		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/9/12 14:56	197760	3296	34.859	20.233	266.657	133.939		
9/9/12 15:00							266.74	45.29
9/9/12 15:11	198660	3311	34.864	20.235	266.646	133.928		
9/9/12 15:26	199560	3326	34.898	20.233	266.566	133.848		
9/9/12 15:41	200460	3341	34.945	20.237	266.459	133.741		
9/9/12 15:56	201360	3356	34.936	20.231	266.48	133.762		
9/9/12 16:00							266.57	45.29
9/9/12 16:11	202260	3371	34.94	20.234	266.471	133.753		
9/9/12 16:26	203160	3386	34.948	20.233	266.452	133.734		
9/9/12 16:41	204060	3401	34.925	20.229	266.506	133.788		
9/9/12 16:56	204960	3416	34.927	20.232	266.5	133.782		
9/9/12 17:00							266.67	45.29
9/9/12 17:11	205860	3431	34.93	20.237	266.494	133.776		
9/9/12 17:26	206760	3446	34.887	20.227	266.592	133.874		
9/9/12 17:41	207660	3461	34.38	20.237	267.763	135.045		
9/9/12 17:56	208560	3476	34.957	20.244	266.432	133.714		
9/9/12 18:00							266.80	45.29
9/9/12 18:11	209460	3491	35.202	20.231	265.866	133.148		
9/9/12 18:26	210360	3506	35.333	20.225	265.563	132.845		
9/9/12 18:41	211260	3521	35.362	20.226	265.495	132.777		
9/9/12 18:56	212160	3536	35.403	20.219	265.401	132.683		
9/9/12 19:11	213060	3551	35.418	20.223	265.366	132.648		
9/9/12 19:26	213960	3566	35.464	20.225	265.259	132.541		
9/9/12 19:41	214860	3581	35.447	20.222	265.299	132.581		
9/9/12 19:56	215760	3596	35.442	20.218	265.311	132.593		
9/9/12 20:11	216660	3611	35.452	20.221	265.288	132.57		
9/9/12 20:26	217560	3626	35.462	20.224	265.265	132.547		
9/9/12 20:41	218460	3641	35.453	20.222	265.285	132.567		
9/9/12 20:56	219360	3656	35.444	20.223	265.306	132.588		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/9/12 21:11	220260	3671	35.463	20.221	265.262	132.544		
9/9/12 21:26	221160	3686	35.451	20.219	265.291	132.573		
9/9/12 21:41	222060	3701	35.442	20.223	265.311	132.593		
9/9/12 21:56	222960	3716	35.445	20.218	265.305	132.587		
9/9/12 22:11	223860	3731	35.468	20.216	265.25	132.532		
9/9/12 22:26	224760	3746	35.455	20.216	265.28	132.562		
9/9/12 22:41	225660	3761	35.467	20.219	265.253	132.535		
9/9/12 22:56	226560	3776	35.474	20.217	265.237	132.519		
9/9/12 23:11	227460	3791	35.513	20.214	265.148	132.43		
9/9/12 23:26	228360	3806	35.521	20.216	265.128	132.41		
9/9/12 23:41	229260	3821	35.54	20.214	265.084	132.366		
9/9/12 23:56	230160	3836	35.523	20.214	265.123	132.405		
9/10/12 0:11	231060	3851	35.545	20.212	265.074	132.356		
9/10/12 0:26	231960	3866	35.543	20.218	265.078	132.36		
9/10/12 0:41	232860	3881	35.557	20.215	265.045	132.327		
9/10/12 0:56	233760	3896	35.555	20.215	265.051	132.333		
9/10/12 1:11	234660	3911	35.526	20.214	265.116	132.398		
9/10/12 1:26	235560	3926	35.534	20.214	265.098	132.38		
9/10/12 1:41	236460	3941	35.542	20.212	265.081	132.363		
9/10/12 1:56	237360	3956	35.523	20.211	265.125	132.407		
9/10/12 2:11	238260	3971	35.517	20.217	265.137	132.419		
9/10/12 2:26	239160	3986	35.53	20.213	265.108	132.39		
9/10/12 2:41	240060	4001	35.514	20.214	265.145	132.427		
9/10/12 2:56	240960	4016	35.511	20.215	265.151	132.433		
9/10/12 3:11	241860	4031	35.525	20.213	265.121	132.403		
9/10/12 3:26	242760	4046	35.555	20.212	265.05	132.332		
9/10/12 3:41	243660	4061	35.533	20.211	265.101	132.383		
9/10/12 3:56	244560	4076	35.569	20.213	265.018	132.3		
9/10/12 4:11	245460	4091	35.534	20.212	265.099	132.381		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/10/12 4:26	246360	4106	35.533	20.21	265.101	132.383		
9/10/12 4:41	247260	4121	35.538	20.211	265.09	132.372		
9/10/12 4:56	248160	4136	35.515	20.212	265.141	132.423		
9/10/12 5:11	249060	4151	35.495	20.212	265.188	132.47		
9/10/12 5:26	249960	4166	35.493	20.214	265.193	132.475		
9/10/12 5:41	250860	4181	35.495	20.211	265.19	132.472		
9/10/12 5:56	251760	4196	35.5	20.214	265.178	132.46		
9/10/12 6:11	252660	4211	35.486	20.214	265.21	132.492		
9/10/12 6:26	253560	4226	35.495	20.212	265.19	132.472		
9/10/12 6:41	254460	4241	35.535	20.209	265.096	132.378		
9/10/12 6:56	255360	4256	35.564	20.21	265.03	132.312		
9/10/12 7:11	256260	4271	35.538	20.211	265.09	132.372		
9/10/12 7:26	257160	4286	35.547	20.21	265.068	132.35		
9/10/12 7:41	258060	4301	35.528	20.209	265.113	132.395		
9/10/12 7:56	258960	4316	35.527	20.206	265.114	132.396		
9/10/12 8:00							265.17	45.16
9/10/12 8:11	259860	4331	35.532	20.208	265.102	132.384		
9/10/12 8:26	260760	4346	35.561	20.206	265.036	132.318		
9/10/12 8:41	261660	4361	35.566	20.204	265.025	132.307		
9/10/12 8:56	262560	4376	35.561	20.205	265.037	132.319		
9/10/12 9:00							265.17	45.29
9/10/12 9:11	263460	4391	35.552	20.212	265.057	132.339		
9/10/12 9:26	264360	4406	35.539	20.207	265.087	132.369		
9/10/12 9:41	265260	4421	35.568	20.204	265.019	132.301		
9/10/12 9:56	266160	4436	35.58	20.203	264.992	132.274		
9/10/12 10:00							265.19	45.16
9/10/12 10:11	267060	4451	35.598	20.204	264.95	132.232		
9/10/12 10:26	267960	4466	35.613	20.209	264.917	132.199		
9/10/12 10:41	268860	4481	35.646	20.204	264.84	132.122		

Table F-1
Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/10/12 10:56	269760	4496	35.642	20.206	264.85	132.132		
9/10/12 11:00							264.93	45.16
9/10/12 11:11	270660	4511	35.671	20.204	264.783	132.065		
9/10/12 11:26	271560	4526	35.65	20.207	264.831	132.113		
9/10/12 11:41	272460	4541	35.655	20.201	264.82	132.102		
9/10/12 11:56	273360	4556	35.669	20.205	264.787	132.069		
9/10/12 12:00							264.88	45.16
9/10/12 12:11	274260	4571	35.66	20.203	264.807	132.089		
9/10/12 12:26	275160	4586	35.681	20.208	264.758	132.04		
9/10/12 12:41	276060	4601	35.675	20.205	264.773	132.055		
9/10/12 12:56	276960	4616	35.698	20.204	264.719	132.001		
9/10/12 13:11	277860	4631	35.7	20.203	264.715	131.997		
9/10/12 13:26	278760	4646	35.713	20.202	264.684	131.966		
9/10/12 13:41	279660	4661	35.681	20.202	264.76	132.042		
9/10/12 13:56	280560	4676	35.727	20.205	264.653	131.935		
9/10/12 14:00							264.79	45.04
9/10/12 14:11	281460	4691	35.741	20.203	264.621	131.903		
9/10/12 14:26	282360	4706	35.738	20.206	264.627	131.909		
9/10/12 14:41	283260	4721	35.733	20.203	264.639	131.921		
9/10/12 14:56	284160	4736	35.74	20.205	264.624	131.906		
9/10/12 15:11	285060	4751	35.719	20.202	264.671	131.953		
9/10/12 15:26	285960	4766	35.744	20.201	264.613	131.895		
9/10/12 15:41	286860	4781	35.732	20.204	264.642	131.924		
9/10/12 16:00								45.04
9/10/12 17:00								45.04
9/11/12 7:30								45.04
9/11/12 8:00								45.04
9/11/12 9:00								45.04
9/11/12 10:00								45.04

Table F-1

Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/11/12 11:00								45.04
9/11/12 12:00								45.04
9/11/12 13:00								45.04
9/11/12 15:00							263.50	45.04
9/11/12 17:00								45.04
9/12/12 7:00								45.41
9/12/12 8:00								45.41
9/12/12 9:00								45.04
9/12/12 10:00								45.04
9/12/12 11:00								45.04
9/12/12 14:00								45.04
9/12/12 15:00							266.92	45.04
9/12/12 16:00							265.77	45.04
9/12/12 17:00							265.80	45.04
9/13/12 7:00							265.17	45.41
9/13/12 8:00							271.09	45.16
9/13/12 9:00							272.00	45.04
9/13/12 10:00							272.27	45.04
9/13/12 11:00							272.37	45.04
9/13/12 12:00							272.38	45.16
9/13/12 13:00							272.06	45.04
9/13/12 14:00							272.38	45.04
9/13/12 16:00							271.41	45.16
9/14/12 7:00								Lost Communication with probe
9/14/12 9:00								Water Level meter tangled in well
9/14/12 10:00								45.16
9/14/12 11:00								45.16
9/14/12 12:00								45.16
9/14/12 13:00								45.16

Table F-1

Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/14/12 14:00								45.16
9/14/12 15:00								45.16
9/14/12 17:00								45.16
9/15/12 7:00								45.16
9/15/12 8:00								45.16
9/15/12 9:00								45.16
9/15/12 10:00								45.16
9/15/12 11:00								45.16
9/15/12 12:00								45.16
9/15/12 13:00								45.29
9/15/12 14:00								45.16
9/15/12 15:00								45.16
9/15/12 17:00								45.16
9/16/12 7:15								45.04
9/16/12 8:00								45.04
9/16/12 9:15								45.04
9/16/12 10:00								45.04
9/16/12 11:00								45.04
9/16/12 12:00								45.04
9/16/12 13:00								45.04
9/16/12 14:00								45.16

Table F-1

Well 3B Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments (flow in gpm)
9/16/12 16:00								45.04
9/16/12 17:00								45.04
9/17/12 7:15								45.16
9/17/12 8:00								45.04
9/17/12 9:00								45.04
9/17/12 10:00								45.04
9/17/12 11:00								45.04
9/17/12 16:00								45.04
9/17/12 17:00								45.04
9/18/12 8:00								45.04
9/18/12 9:00								45.04
9/18/12 10:00								45.04
9/18/12 11:00								45.04
9/18/12 12:00								45.04
9/18/12 13:00								45.04
9/18/12 14:15								45.04
9/19/12 8:00								45.04
9/19/12 10:00								45.04
9/19/12 17:00								45.04
9/20/12 7:00								45.04
9/20/12 9:00								45.04
9/20/12 12:00								45.04
9/20/12 14:00								45.04
9/20/12 16:00								45.16
9/20/12 17:00								45.16
9/21/12 8:00								Pump off: End of APT 2

Notes:

PSI: Pounds per square inch

ft btoc: feet below top of casing

gpm: gallons per minute

PROBLEM WITH PROBE: Communication dead after 9/13. Manual probe hung up in well.

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/22/12 16:00			132.485	19.372	131.2	-0.343		
8/22/12 17:00			132.379	19.372	131.2	-0.343		
8/22/12 18:00			132.463	19.375	131.2	-0.343		
8/22/12 19:00			132.469	19.375	131.2	-0.343		
8/22/12 20:00			132.485	19.369	131.2	-0.343		
8/22/12 21:00			132.487	19.37	131.2	-0.343		
8/22/12 22:00			132.478	19.371	131.2	-0.343		
8/22/12 23:00			132.471	19.371	131.2	-0.343		
8/23/12 0:00			132.471	19.37	131.2	-0.343		
8/23/12 1:00			132.48	19.371	131.2	-0.343		
8/23/12 2:00			132.471	19.373	131.2	-0.343		
8/23/12 3:00			132.476	19.371	131.2	-0.343		
8/23/12 4:00			132.48	19.375	131.2	-0.343		
8/23/12 5:00			132.483	19.375	131.2	-0.343		
8/23/12 6:00			132.484	19.37	131.2	-0.343		
8/23/12 7:00			132.465	19.369	131.2	-0.343		
8/23/12 8:00			132.437	19.371	131.2	-0.343		
8/23/12 9:00			132.439	19.371	131.2	-0.343		
8/23/12 10:00			132.445	19.371	131.2	-0.343		
8/23/12 10:19			132.489	19.384	131.212	-0.331		
8/23/12 10:19			132.471	19.406	131.254	-0.289		
8/23/12 10:19			132.484	19.422	131.223	-0.32		
8/23/12 10:19			132.471	19.428	131.254	-0.289		
8/23/12 10:19			132.461	19.439	131.275	-0.268		
8/23/12 10:19			132.456	19.444	131.287	-0.256		
8/23/12 10:19			132.452	19.452	131.297	-0.246		
8/23/12 10:19			132.488	19.454	131.215	-0.328		
8/23/12 10:19			132.47	19.459	131.256	-0.287		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/23/12 10:19			132.444	19.464	131.316	-0.227		
8/23/12 10:19			132.576	19.492	131.011	-0.532		
8/23/12 10:19			132.493	19.486	131.201	-0.342		
8/23/12 10:19			132.485	19.487	131.222	-0.321		
8/23/12 10:19			132.483	19.489	131.224	-0.319		
8/23/12 10:19			132.477	19.484	131.239	-0.304		
8/23/12 10:19			132.464	19.485	131.27	-0.273		
8/23/12 10:19			132.466	19.485	131.264	-0.279		
8/23/12 10:19			132.468	19.487	131.261	-0.282		
8/23/12 10:19			132.47	19.487	131.255	-0.288		
8/23/12 10:19			132.468	19.485	131.259	-0.284		
8/23/12 10:19			132.475	19.489	131.245	-0.298		
8/23/12 10:19			132.47	19.485	131.255	-0.288		
8/23/12 10:19			132.473	19.488	131.248	-0.295		
8/23/12 10:19			132.475	19.489	131.245	-0.298		
8/23/12 10:19			132.461	19.491	131.275	-0.268		
8/23/12 10:19			132.464	19.483	131.27	-0.273		
8/23/12 10:19			132.458	19.477	131.283	-0.26		
8/23/12 10:19			132.461	19.469	131.277	-0.266		
8/23/12 10:19			132.455	19.466	131.291	-0.252		
8/23/12 10:19			132.469	19.464	131.258	-0.285		
8/23/12 10:19			132.45	19.457	131.302	-0.241		
8/23/12 10:19			132.467	19.453	131.262	-0.281		
8/23/12 10:19			132.461	19.453	131.277	-0.266		
8/23/12 10:19			132.455	19.449	131.29	-0.253		
8/23/12 10:19			132.44	19.445	131.325	-0.218		
8/23/12 10:19			132.425	19.444	131.36	-0.183		
8/23/12 10:19			132.483	19.443	131.224	-0.319		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/23/12 10:19			132.438	19.438	131.329	-0.214		
8/23/12 10:19			132.429	19.437	131.349	-0.194		
8/23/12 10:19			132.431	19.436	131.345	-0.198		
8/23/12 10:19			132.432	19.437	131.344	-0.199		
8/23/12 10:19			132.443	19.432	131.318	-0.225		
8/23/12 10:19			132.426	19.431	131.358	-0.185		
8/23/12 10:19			132.453	19.431	131.294	-0.249		
8/23/12 10:19			132.437	19.429	131.332	-0.211		
8/23/12 10:19			132.422	19.432	131.367	-0.176		
8/23/12 10:20			132.466	19.424	131.265	-0.278		
8/23/12 10:20			132.451	19.424	131.299	-0.244		
8/23/12 10:20			132.443	19.425	131.319	-0.224		
8/23/12 10:20			132.461	19.424	131.277	-0.266		
8/23/12 10:20			132.448	19.423	131.307	-0.236		
8/23/12 10:20			132.455	19.421	131.291	-0.252		
8/23/12 10:20			132.449	19.423	131.303	-0.24		
8/23/12 10:20			132.462	19.42	131.274	-0.269		
8/23/12 10:20			132.456	19.42	131.288	-0.255		
8/23/12 10:20			132.471	19.419	131.252	-0.291		
8/23/12 10:20			132.454	19.416	131.293	-0.25		
8/23/12 10:20			132.453	19.418	131.296	-0.247		
8/23/12 10:20			132.466	19.416	131.265	-0.278		
8/23/12 10:20			132.463	19.418	131.273	-0.27		
8/23/12 10:20			132.463	19.41	131.273	-0.27		
8/23/12 10:20			132.453	19.409	131.294	-0.249		
8/23/12 10:20			132.457	19.41	131.286	-0.257		
8/23/12 10:20			132.448	19.409	131.306	-0.237		
8/23/12 10:20			132.456	19.41	131.288	-0.255		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/23/12 10:20			132.465	19.407	131.267	-0.276		
8/23/12 10:20			132.458	19.408	131.283	-0.26		
8/23/12 10:20			132.464	19.405	131.269	-0.274		
8/23/12 10:20			132.457	19.405	131.286	-0.257		
8/23/12 10:20			132.466	19.403	131.264	-0.279		
8/23/12 10:21			132.469	19.402	131.258	-0.285		
8/23/12 10:21			132.462	19.4	131.274	-0.269		
8/23/12 10:21			132.463	19.401	131.271	-0.272		
8/23/12 10:21			132.475	19.398	131.245	-0.298		
8/23/12 10:21			132.455	19.392	131.29	-0.253		
8/23/12 10:21			132.468	19.395	131.259	-0.284		
8/23/12 10:21			132.474	19.394	131.246	-0.297		
8/23/12 10:21			132.465	19.392	131.267	-0.276		
8/23/12 10:21			132.465	19.393	131.268	-0.275		
8/23/12 10:22			132.475	19.39	131.244	-0.299		
8/23/12 10:22			132.478	19.387	131.236	-0.307		
8/23/12 10:22			132.449	19.39	131.303	-0.24		
8/23/12 10:22			132.476	19.385	131.241	-0.302		
8/23/12 10:22			132.468	19.387	131.259	-0.284		
8/23/12 10:22			132.476	19.386	131.242	-0.301		
8/23/12 10:23			132.475	19.387	131.245	-0.298		
8/23/12 10:23			132.479	19.387	131.235	-0.308		
8/23/12 10:23			132.466	19.386	131.264	-0.279		
8/23/12 10:23			132.451	19.385	131.3	-0.243		
8/23/12 10:23			132.455	19.382	131.29	-0.253		
8/23/12 10:24			132.469	19.385	131.258	-0.285		
8/23/12 10:24			132.461	19.382	131.275	-0.268		
8/23/12 10:24			132.452	19.383	131.297	-0.246		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/23/12 10:24			132.461	19.382	131.277	-0.266		
8/23/12 10:25			132.458	19.382	131.283	-0.26		
8/23/12 10:25			132.488	19.379	131.215	-0.328		
8/23/12 10:25			132.455	19.381	131.291	-0.252		
8/23/12 10:26			132.473	19.377	131.248	-0.295		
8/23/12 10:26			132.455	19.378	131.291	-0.252		
8/23/12 10:27			132.47	19.379	131.255	-0.288		
8/23/12 10:27			132.451	19.379	131.299	-0.244		
8/23/12 10:28			132.463	19.375	131.271	-0.272		
8/23/12 10:28			132.476	19.374	131.241	-0.302		
8/23/12 10:29			132.476	19.376	131.241	-0.302		
8/23/12 10:29			132.471	19.377	131.252	-0.291		
8/23/12 10:30			132.418	19.373	131.376	-0.167		
8/23/12 10:30			132.472	19.371	131.251	-0.292		
8/23/12 10:31			132.46	19.372	131.278	-0.265		
8/23/12 10:32			132.459	19.374	131.281	-0.262		
8/23/12 10:32			132.476	19.375	131.241	-0.302		
8/23/12 10:33			132.468	19.375	131.259	-0.284		
8/23/12 10:34			132.458	19.374	131.283	-0.26		
8/23/12 10:35			132.461	19.376	131.277	-0.266		
8/23/12 10:36			132.462	19.374	131.274	-0.269		
8/23/12 10:37			132.48	19.374	131.232	-0.311		
8/23/12 10:38			132.456	19.371	131.288	-0.255		
8/23/12 10:39			132.481	19.37	131.23	-0.313		
8/23/12 10:40			132.47	19.374	131.257	-0.286		
8/23/12 10:42			132.473	19.37	131.248	-0.295		
8/23/12 10:43			132.455	19.375	131.291	-0.252		
8/23/12 10:44			132.467	19.373	131.262	-0.281		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/23/12 10:46			132.471	19.375	131.254	-0.289		
8/23/12 10:47			132.471	19.376	131.254	-0.289		
8/23/12 10:49			132.439	19.376	131.326	-0.217		
8/23/12 10:51			132.473	19.375	131.249	-0.294		
8/23/12 10:53			132.473	19.378	131.249	-0.294		
8/23/12 10:55			132.482	19.373	131.228	-0.315		
8/23/12 10:57			132.468	19.375	131.261	-0.282		
8/23/12 10:59			132.475	19.371	131.244	-0.299		
8/23/12 11:01			132.475	19.373	131.244	-0.299		
8/23/12 11:04			132.474	19.372	131.246	-0.297		
8/23/12 11:06			132.463	19.371	131.271	-0.272		
8/23/12 11:09			132.468	19.379	131.259	-0.284		
8/23/12 11:12			132.473	19.375	131.249	-0.294		
8/23/12 11:15			132.47	19.376	131.257	-0.286		
8/23/12 11:19			132.469	19.373	131.258	-0.285		
8/23/12 11:22			132.478	19.374	131.238	-0.305		
8/23/12 11:26			132.463	19.373	131.273	-0.27		
8/23/12 11:30			132.47	19.369	131.255	-0.288		
8/23/12 11:34			132.481	19.368	131.23	-0.313		
8/23/12 11:39			132.488	19.374	131.215	-0.328		
8/23/12 11:43			132.476	19.371	131.241	-0.302		
8/23/12 11:48			132.483	19.373	131.225	-0.318		
8/23/12 11:54			132.487	19.372	131.216	-0.327		
8/23/12 11:59			132.488	19.372	131.213	-0.33		
8/23/12 12:05			132.497	19.369	131.193	-0.35		
8/23/12 12:11			132.499	19.372	131.189	-0.354		
8/23/12 12:18			132.504	19.372	131.177	-0.366		
8/23/12 12:25			132.508	19.369	131.168	-0.375		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/23/12 12:32			132.487	19.372	131.216	-0.327		
8/23/12 12:40			132.498	19.375	131.19	-0.353		
8/23/12 12:49			132.478	19.369	131.238	-0.305		
8/23/12 12:57			132.474	19.371	131.246	-0.297		
8/23/12 13:07			132.507	19.369	131.171	-0.372		
8/23/12 13:17			132.504	19.371	131.178	-0.365		
8/23/12 13:27			132.492	19.373	131.205	-0.338		
8/23/12 13:38			132.48	19.371	131.233	-0.31		
8/23/12 13:50			132.257	19.372	131.747	0.204		
8/23/12 14:03			131.928	19.376	132.508	0.965		
8/23/12 14:16			131.991	19.37	132.362	0.819		
8/23/12 14:30			131.447	19.374	133.617	2.074		
8/23/12 14:45			130.89	19.371	134.903	3.36		
8/23/12 15:01			130.966	19.373	134.727	3.184		
8/23/12 15:17			130.722	19.372	135.292	3.749		
8/23/12 15:35			130.721	19.376	135.293	3.75		
8/23/12 15:54			131.461	19.375	133.585	2.042		
8/23/12 16:14			130.862	19.372	134.969	3.426		
8/23/12 16:35			131.836	19.369	132.719	1.176		
8/23/12 16:57			132.092	19.372	132.129	0.586		
8/23/12 17:21			132.167	19.371	131.955	0.412		
8/23/12 17:46			132.253	19.372	131.757	0.214		
8/23/12 18:12			132.291	19.369	131.67	0.127		
8/23/12 18:40			132.319	19.372	131.603	0.06		
8/23/12 19:10			132.346	19.376	131.541	-0.002		
8/23/12 19:41			132.36	19.378	131.51	-0.033		
8/23/12 20:15			132.389	19.376	131.442	-0.101		
8/23/12 20:50			132.395	19.375	131.428	-0.115		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/23/12 21:27			132.404	19.376	131.409	-0.134		
8/23/12 22:07			132.415	19.376	131.383	-0.16		
8/23/12 22:49			132.426	19.376	131.358	-0.185		
8/23/12 23:33			132.433	19.374	131.342	-0.201		
8/24/12 0:20			132.434	19.374	131.339	-0.204		
8/24/12 1:10			132.429	19.371	131.351	-0.192		
8/24/12 2:03			132.443	19.373	131.319	-0.224		
8/24/12 2:59			132.44	19.37	131.325	-0.218		
8/24/12 3:59			132.463	19.375	131.273	-0.27		
8/24/12 4:59			132.448	19.374	131.306	-0.237		
8/24/12 5:59			132.448	19.372	131.307	-0.236		
8/24/12 6:59			132.451	19.371	131.3	-0.243		
8/24/12 7:59			132.427	19.369	131.355	-0.188		
8/24/12 8:59			132.414	19.369	131.384	-0.159		
8/24/12 9:59			132.444	19.373	131.316	-0.227		
8/24/12 10:59			132.449	19.376	131.303	-0.24		
8/24/12 11:59			132.478	19.376	131.238	-0.305		
8/27/12 12:55						-0.13	131.41	
8/28/12 9:30						-0.13	131.41	
8/28/12 17:20						0.11	131.65	
8/28/12 17:28			144.803	19.403	131.443	-0.1		
8/28/12 18:28			144.815	19.391	131.414	-0.129		
8/28/12 19:28			144.824	19.393	131.394	-0.149		
8/28/12 20:28			144.829	19.391	131.383	-0.16		
8/28/12 21:28			144.844	19.39	131.347	-0.196		
8/28/12 22:28			144.846	19.391	131.343	-0.2		
8/28/12 23:28			144.846	19.389	131.343	-0.2		
8/29/12 0:28			144.849	19.39	131.336	-0.207		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/29/12 1:28			144.859	19.389	131.312	-0.231		
8/29/12 2:28			144.873	19.394	131.281	-0.262		
8/29/12 3:28			144.873	19.389	131.281	-0.262		
8/29/12 4:28			144.864	19.39	131.302	-0.241		
8/29/12 5:28			144.887	19.388	131.249	-0.294		
8/29/12 6:28			144.88	19.394	131.264	-0.279		
8/29/12 7:28			144.864	19.393	131.302	-0.241		
8/29/12 8:28			144.869	19.391	131.289	-0.254		
8/29/12 9:28			144.894	19.395	131.231	-0.312		
8/29/12 9:30						-0.10	131.44	
8/29/12 10:28			145.17	19.388	130.594	-0.949		
8/29/12 11:28			145.178	19.392	130.576	-0.967		
8/29/12 12:28			145.041	19.392	130.893	-0.65		
8/29/12 13:28			145.28	19.389	130.341	-1.202		
8/29/12 14:28			144.333	19.387	132.529	0.986		
8/29/12 15:28			144.87	19.388	131.286	-0.257		
8/29/12 16:28			144.936	19.387	131.136	-0.407		
8/29/12 17:28			144.688	19.386	131.707	0.164		
8/29/12 18:28			144.927	19.386	131.156	-0.387		
8/29/12 19:28			144.956	19.38	131.088	-0.455		
8/29/12 20:28			144.94	19.384	131.125	-0.418		
8/29/12 21:28			144.951	19.381	131.1	-0.443		
8/29/12 22:28			144.96	19.383	131.079	-0.464		
8/29/12 23:28			144.923	19.382	131.165	-0.378		
8/30/12 0:28			144.916	19.389	131.181	-0.362		
8/30/12 1:28			144.965	19.388	131.067	-0.476		
8/30/12 2:28			144.978	19.387	131.039	-0.504		
8/30/12 3:28			144.985	19.385	131.021	-0.522		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/30/12 4:28			144.977	19.383	131.041	-0.502		
8/30/12 5:28			144.978	19.385	131.039	-0.504		
8/30/12 6:28			144.981	19.388	131.031	-0.512		
8/30/12 7:28			144.968	19.384	131.062	-0.481		
8/30/12 8:28			144.788	19.382	131.478	-0.065		
8/30/12 9:28			144.465	19.389	132.223	0.68		
8/30/12 10:28			144.495	19.385	132.154	0.611		
8/30/12 11:28			144.412	19.391	132.346	0.803		
8/30/12 12:28			144.393	19.385	132.388	0.845		
8/30/12 13:28			144.4	19.388	132.372	0.829		
8/30/12 14:28			144.318	19.383	132.562	1.019		
8/30/12 15:28			144.372	19.386	132.437	0.894		
8/30/12 16:28			144.528	19.39	132.076	0.533		
8/30/12 17:28			144.91	19.39	131.195	-0.348		
8/30/12 18:28			144.846	19.388	131.343	-0.2		
8/30/12 19:28			144.88	19.387	131.264	-0.279		
8/30/12 20:28			144.906	19.387	131.205	-0.338		
8/30/12 21:28			144.896	19.39	131.227	-0.316		
8/30/12 22:28			144.929	19.388	131.15	-0.393		
8/30/12 23:28			144.916	19.387	131.182	-0.361		
8/31/12 0:28			144.911	19.39	131.194	-0.349		
8/31/12 1:28			144.929	19.391	131.15	-0.393		
8/31/12 2:28			144.892	19.385	131.236	-0.307		
8/31/12 3:28			144.946	19.39	131.111	-0.432		
8/31/12 4:28			144.951	19.387	131.1	-0.443		
8/31/12 5:28			144.953	19.387	131.097	-0.446		
8/31/12 6:28			144.953	19.388	131.095	-0.448		
8/31/12 7:28			144.918	19.385	131.176	-0.367		

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Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/4/12 15:20						-0.16	131.38	
9/5/12 7:50						-0.13	131.41	
9/5/12 8:00			29.334	20.05	131.248	-0.295		
9/5/12 8:05			29.293	19.354	131.343	-0.2		
9/5/12 8:10			29.285	19.219	131.362	-0.181		
9/5/12 8:15			29.295	19.185	131.337	-0.206		
9/5/12 8:20			29.296	19.181	131.336	-0.207		
9/5/12 8:25			29.293	19.179	131.343	-0.2		
9/5/12 8:30			29.288	19.178	131.355	-0.188		
9/5/12 8:35			29.293	19.172	131.343	-0.2		
9/5/12 8:40			29.312	19.171	131.298	-0.245		Step Test- 25 gpm
9/5/12 8:45			29.147	19.173	131.679	0.136		
9/5/12 8:50			28.926	19.173	132.19	0.647		
9/5/12 8:55			28.754	19.173	132.588	1.045		
9/5/12 9:00			28.62	19.169	132.897	1.354		
9/5/12 9:05			28.523	19.17	133.119	1.576		
9/5/12 9:10			28.453	19.172	133.282	1.739		
9/5/12 9:15			28.401	19.171	133.403	1.86		
9/5/12 9:20			28.365	19.162	133.485	1.942		
9/5/12 9:25			28.318	19.164	133.594	2.051		
9/5/12 9:30			28.299	19.167	133.638	2.095		
9/5/12 9:35			28.271	19.168	133.703	2.16		
9/5/12 9:40			28.241	19.166	133.771	2.228		35 gpm
9/5/12 9:45			28.21	19.164	133.844	2.301		
9/5/12 9:50			28.11	19.165	134.074	2.531		
9/5/12 9:55			28.024	19.167	134.273	2.73		
9/5/12 10:00			27.963	19.164	134.413	2.87		
9/5/12 10:05			27.885	19.165	134.594	3.051		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/5/12 10:10			27.843	19.164	134.69	3.147		
9/5/12 10:15			27.783	19.164	134.829	3.286		
9/5/12 10:20			27.752	19.164	134.902	3.359		
9/5/12 10:25			27.716	19.165	134.983	3.44		
9/5/12 10:30			27.71	19.164	134.999	3.456		
9/5/12 10:35			27.679	19.163	135.07	3.527		
9/5/12 10:40			27.648	19.162	135.141	3.598		45 gpm
9/5/12 10:45			27.561	19.167	135.341	3.798		
9/5/12 10:50			27.417	19.165	135.674	4.131		
9/5/12 10:55			27.326	19.168	135.885	4.342		
9/5/12 11:00			27.241	19.167	136.081	4.538		
9/5/12 11:05			27.213	19.17	136.145	4.602		
9/5/12 11:10			27.182	19.167	136.216	4.673		
9/5/12 11:15			27.143	19.168	136.306	4.763		
9/5/12 11:20			27.124	19.171	136.351	4.808		
9/5/12 11:25			27.084	19.172	136.444	4.901		
9/5/12 11:30			27.078	19.168	136.457	4.914		
9/5/12 11:35			27.064	19.171	136.489	4.946		
9/5/12 11:40			27.055	19.167	136.511	4.968		
9/5/12 11:45			27.04	19.17	136.544	5.001		
9/5/12 11:50			27.017	19.169	136.598	5.055		
9/5/12 11:55			26.986	19.168	136.669	5.126		
9/5/12 12:00			26.97	19.17	136.705	5.162		
9/5/12 12:05			26.97	19.172	136.707	5.164		
9/5/12 12:10			26.948	19.172	136.756	5.213		
9/5/12 12:15			26.95	19.172	136.753	5.21		
9/5/12 12:20			26.925	19.173	136.81	5.267		
9/5/12 12:25			26.901	19.173	136.867	5.324		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/5/12 12:30			26.899	19.18	136.869	5.326		
9/5/12 12:35			26.886	19.183	136.901	5.358		
9/5/12 12:40			26.882	19.184	136.909	5.366		
9/5/12 12:45			26.871	19.183	136.936	5.393		
9/5/12 12:50			26.877	19.183	136.92	5.377		
9/5/12 12:55			26.87	19.184	136.938	5.395		
9/5/12 13:00			26.852	19.187	136.98	5.437		
9/5/12 13:05			26.838	19.186	137.01	5.467		
9/5/12 13:10			26.839	19.187	137.009	5.466		
9/5/12 13:15			26.818	19.185	137.057	5.514		
9/5/12 13:20			26.822	19.186	137.048	5.505		
9/5/12 13:25			26.82	19.18	137.054	5.511		
9/5/12 13:30			26.792	19.18	137.116	5.573		
9/5/12 13:35			26.793	19.182	137.115	5.572		
9/5/12 13:40			26.803	19.183	137.093	5.55		
9/5/12 13:45			26.785	19.182	137.134	5.591		
9/5/12 13:50			26.78	19.184	137.145	5.602		
9/5/12 13:55			26.78	19.182	137.145	5.602		
9/5/12 14:00			26.76	19.182	137.192	5.649		
9/5/12 14:05			26.746	19.182	137.224	5.681		End of APT 2
9/5/12 14:10			26.943	19.184	136.768	5.225		
9/5/12 14:15			27.226	19.183	136.116	4.573		
9/5/12 14:20			27.571	19.182	135.32	3.777		
9/5/12 14:25			27.839	19.182	134.7	3.157		
9/5/12 14:30			28.063	19.181	134.184	2.641		
9/5/12 14:35			28.198	19.184	133.872	2.329		
9/5/12 14:40			28.317	19.188	133.597	2.054		
9/5/12 14:45			28.407	19.185	133.388	1.845		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/5/12 14:50			28.464	19.187	133.257	1.714		
9/5/12 14:55			28.498	19.191	133.178	1.635		
9/5/12 15:00			28.553	19.194	133.051	1.508		
9/5/12 15:05			28.588	19.193	132.97	1.427		
9/5/12 15:10			28.618	19.192	132.902	1.359		
9/5/12 15:15			28.651	19.192	132.826	1.283		
9/5/12 15:20			28.682	19.19	132.753	1.21		
9/5/12 15:25			28.713	19.192	132.682	1.139		
9/5/12 15:30			28.737	19.189	132.627	1.084		
9/5/12 15:35			28.741	19.193	132.617	1.074		
9/5/12 15:40			28.753	19.19	132.589	1.046		
9/5/12 15:45			28.768	19.191	132.556	1.013		
9/5/12 15:50			28.796	19.191	132.489	0.946		
9/5/12 17:00			28.967	19.191	132.129	0.586		
9/5/12 18:00			29.012	19.189	132.025	0.482		
9/5/12 19:00			29.055	19.191	131.926	0.383		
9/5/12 20:00			29.073	19.191	131.885	0.342		
9/5/12 21:00			29.111	19.196	131.797	0.254		
9/5/12 22:00			29.135	19.196	131.741	0.198		
9/5/12 23:00			29.15	19.193	131.707	0.164		
9/6/12 0:00			29.163	19.197	131.676	0.133		
9/6/12 1:00			29.167	19.198	131.667	0.124		
9/6/12 2:00			29.179	19.192	131.64	0.097		
9/6/12 3:00			29.188	19.19	131.618	0.075		
9/6/12 4:00			29.205	19.19	131.579	0.036		
9/6/12 5:00			29.219	19.195	131.547	0.004		
9/6/12 6:00			29.215	19.194	131.557	0.014		
9/6/12 7:00			29.217	19.196	131.553	0.01		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/6/12 8:00			29.256	19.198	131.461	-0.082		
9/6/12 9:00			29.228	19.192	131.527	-0.016		
9/6/12 10:00			28.413	19.187	133.409	1.866		
9/6/12 11:00			27.126	19.189	136.38	4.837		
9/6/12 12:00			28.698	19.189	132.751	1.208		
9/6/12 13:00			28.972	19.193	132.118	0.575		
9/6/12 14:00			29.046	19.197	131.948	0.405		
9/7/12 7:30						0.04	131.58	
9/7/12 8:00	0		118.808	19.339	131.543	0		Start of APT 2
9/7/12 8:00	0.251	0.004183333	118.799	19.359	131.564	0.021		
9/7/12 8:00	0.501	0.00835	118.78	19.375	131.609	0.066		
9/7/12 8:00	0.751	0.012516667	118.771	19.388	131.629	0.086		
9/7/12 8:00	1.001	0.016683333	118.788	19.393	131.591	0.048		
9/7/12 8:00	1.251	0.02085	118.78	19.398	131.61	0.067		
9/7/12 8:00	1.501	0.025016667	118.752	19.404	131.674	0.131		
9/7/12 8:00	1.751	0.029183333	118.781	19.409	131.605	0.062		
9/7/12 8:00	2.001	0.03335	118.77	19.413	131.632	0.089		
9/7/12 8:00	2.251	0.037516667	118.768	19.415	131.637	0.094		
9/7/12 8:00	2.501	0.041683333	118.755	19.417	131.666	0.123		
9/7/12 8:00	2.751	0.04585	118.766	19.424	131.642	0.099		
9/7/12 8:00	3.001	0.050016667	118.775	19.425	131.62	0.077		
9/7/12 8:00	3.251	0.054183333	118.759	19.428	131.658	0.115		
9/7/12 8:00	3.501	0.05835	118.775	19.432	131.62	0.077		
9/7/12 8:00	3.751	0.062516667	118.795	19.427	131.574	0.031		
9/7/12 8:00	4.001	0.066683333	118.748	19.432	131.682	0.139		
9/7/12 8:00	4.251	0.07085	118.779	19.436	131.612	0.069		
9/7/12 8:00	4.501	0.075016667	118.759	19.435	131.656	0.113		
9/7/12 8:00	4.751	0.079183333	118.785	19.437	131.598	0.055		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:00	5.001	0.08335	118.761	19.438	131.652	0.109		
9/7/12 8:00	5.251	0.087516667	118.756	19.439	131.665	0.122		
9/7/12 8:00	5.501	0.091683333	118.793	19.441	131.579	0.036		
9/7/12 8:00	5.751	0.09585	118.781	19.442	131.606	0.063		
9/7/12 8:00	6.001	0.100016667	118.742	19.441	131.697	0.154		
9/7/12 8:00	6.36	0.106	118.735	19.432	131.713	0.17		
9/7/12 8:00	6.72	0.112	118.739	19.426	131.704	0.161		
9/7/12 8:00	7.14	0.119	118.768	19.424	131.637	0.094		
9/7/12 8:00	7.56	0.126	118.732	19.418	131.719	0.176		
9/7/12 8:00	7.98	0.133	118.744	19.417	131.693	0.15		
9/7/12 8:00	8.46	0.141	118.742	19.411	131.697	0.154		
9/7/12 8:00	9	0.15	118.752	19.406	131.672	0.129		
9/7/12 8:00	9.48	0.158	118.743	19.407	131.694	0.151		
9/7/12 8:00	10.08	0.168	118.756	19.402	131.665	0.122		
9/7/12 8:00	10.68	0.178	118.745	19.398	131.69	0.147		
9/7/12 8:00	11.28	0.188	118.744	19.399	131.693	0.15		
9/7/12 8:00	11.94	0.199	118.752	19.395	131.674	0.131		
9/7/12 8:00	12.66	0.211	118.756	19.395	131.664	0.121		
9/7/12 8:00	13.44	0.224	118.749	19.392	131.68	0.137		
9/7/12 8:00	14.22	0.237	118.749	19.388	131.68	0.137		
9/7/12 8:00	15.06	0.251	118.735	19.391	131.713	0.17		
9/7/12 8:00	15.96	0.266	118.757	19.385	131.662	0.119		
9/7/12 8:00	16.92	0.282	118.762	19.384	131.65	0.107		
9/7/12 8:00	17.88	0.298	118.738	19.387	131.706	0.163		
9/7/12 8:00	18.96	0.316	118.752	19.381	131.672	0.129		
9/7/12 8:00	20.1	0.335	118.764	19.379	131.645	0.102		
9/7/12 8:00	21.3	0.355	118.754	19.381	131.669	0.126		
9/7/12 8:00	22.56	0.376	118.768	19.38	131.636	0.093		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:00	23.88	0.398	118.759	19.38	131.658	0.115		
9/7/12 8:00	25.32	0.422	118.764	19.378	131.645	0.102		
9/7/12 8:00	26.82	0.447	118.754	19.381	131.668	0.125		
9/7/12 8:00	28.38	0.473	118.751	19.376	131.677	0.134		
9/7/12 8:00	30.06	0.501	118.749	19.375	131.681	0.138		
9/7/12 8:00	31.86	0.531	118.765	19.372	131.643	0.1		
9/7/12 8:00	33.72	0.562	118.704	19.375	131.785	0.242		
9/7/12 8:00	35.76	0.596	118.76	19.371	131.655	0.112		
9/7/12 8:00	37.86	0.631	118.766	19.373	131.64	0.097		
9/7/12 8:00	40.08	0.668	118.739	19.373	131.704	0.161		
9/7/12 8:00	42.48	0.708	118.744	19.37	131.693	0.15		
9/7/12 8:00	45	0.75	118.741	19.372	131.699	0.156		
9/7/12 8:00	47.64	0.794	118.723	19.367	131.74	0.197		
9/7/12 8:00	50.46	0.841	118.714	19.37	131.761	0.218		
9/7/12 8:00	53.46	0.891	118.704	19.367	131.785	0.242		
9/7/12 8:00	56.64	0.944	118.701	19.365	131.79	0.247		
9/7/12 8:01	60	1	118.701	19.366	131.79	0.247		
9/7/12 8:01	63.6	1.06	118.729	19.365	131.726	0.183		
9/7/12 8:01	67.2	1.12	118.726	19.367	131.733	0.19		
9/7/12 8:01	71.4	1.19	118.684	19.363	131.83	0.287		
9/7/12 8:01	75.6	1.26	118.695	19.362	131.805	0.262		
9/7/12 8:01	79.8	1.33	118.71	19.363	131.769	0.226		
9/7/12 8:01	84.6	1.41	118.682	19.36	131.834	0.291		
9/7/12 8:01	90	1.5	118.676	19.361	131.85	0.307		
9/7/12 8:01	94.8	1.58	118.655	19.358	131.896	0.353		
9/7/12 8:01	100.8	1.68	118.642	19.355	131.927	0.384		
9/7/12 8:01	106.8	1.78	118.622	19.357	131.973	0.43		
9/7/12 8:01	112.8	1.88	118.655	19.355	131.897	0.354		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:01	119.4	1.99	118.621	19.357	131.976	0.433		
9/7/12 8:02	126.6	2.11	118.599	19.354	132.026	0.483		
9/7/12 8:02	134.4	2.24	118.582	19.353	132.066	0.523		
9/7/12 8:02	142.2	2.37	118.556	19.352	132.125	0.582		
9/7/12 8:02	150.6	2.51	118.592	19.352	132.042	0.499		
9/7/12 8:02	159.6	2.66	118.533	19.346	132.178	0.635		
9/7/12 8:02	169.2	2.82	118.518	19.347	132.214	0.671		
9/7/12 8:02	178.8	2.98	118.497	19.35	132.262	0.719		
9/7/12 8:03	189.6	3.16	118.478	19.347	132.305	0.762		
9/7/12 8:03	201	3.35	118.449	19.348	132.373	0.83		
9/7/12 8:03	213	3.55	118.454	19.347	132.361	0.818		
9/7/12 8:03	225.6	3.76	118.406	19.346	132.473	0.93		
9/7/12 8:03	238.8	3.98	118.36	19.346	132.578	1.035		
9/7/12 8:04	253.2	4.22	118.376	19.343	132.542	0.999		
9/7/12 8:04	268.2	4.47	118.302	19.346	132.711	1.168		
9/7/12 8:04	283.8	4.73	118.295	19.346	132.729	1.186		
9/7/12 8:05	300.6	5.01	118.274	19.343	132.778	1.235		
9/7/12 8:05	318.6	5.31	118.197	19.344	132.955	1.412		
9/7/12 8:05	337.2	5.62	118.157	19.345	133.047	1.504		
9/7/12 8:05	357.6	5.96	118.123	19.344	133.126	1.583		
9/7/12 8:06	378.6	6.31	118.081	19.346	133.223	1.68		
9/7/12 8:06	400.8	6.68	118.094	19.344	133.192	1.649		
9/7/12 8:07	424.8	7.08	118.008	19.341	133.391	1.848		
9/7/12 8:07	450	7.5	118.02	19.337	133.364	1.821		
9/7/12 8:07	476.4	7.94	117.959	19.342	133.504	1.961		
9/7/12 8:08	504.6	8.41	117.873	19.339	133.703	2.16		
9/7/12 8:08	534.6	8.91	117.847	19.338	133.763	2.22		
9/7/12 8:09	566.4	9.44	117.824	19.34	133.816	2.273		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:10	600	10	117.783	19.339	133.912	2.369		
9/7/12 8:10	636	10.6	117.742	19.339	134.006	2.463		
9/7/12 8:11	672	11.2	117.713	19.342	134.073	2.53		
9/7/12 8:11	714	11.9	117.617	19.339	134.295	2.752		
9/7/12 8:12	756	12.6	117.609	19.34	134.312	2.769		
9/7/12 8:13	798	13.3	117.539	19.339	134.473	2.93		
9/7/12 8:14	846	14.1	117.511	19.341	134.538	2.995		
9/7/12 8:15	900	15	117.479	19.335	134.614	3.071		
9/7/12 8:15	948	15.8	117.432	19.342	134.721	3.178		
9/7/12 8:16	1008	16.8	117.381	19.339	134.839	3.296		
9/7/12 8:17	1068	17.8	117.348	19.343	134.915	3.372		
9/7/12 8:18	1128	18.8	117.322	19.34	134.975	3.432		
9/7/12 8:19	1194	19.9	117.277	19.338	135.079	3.536		
9/7/12 8:21	1266	21.1	117.213	19.336	135.227	3.684		
9/7/12 8:22	1344	22.4	117.215	19.335	135.221	3.678		
9/7/12 8:23	1422	23.7	117.169	19.333	135.327	3.784		
9/7/12 8:25	1506	25.1	117.105	19.333	135.477	3.934		
9/7/12 8:26	1596	26.6	117.065	19.334	135.569	4.026		
9/7/12 8:28	1692	28.2	117.036	19.336	135.635	4.092		
9/7/12 8:29	1788	29.8	116.984	19.335	135.756	4.213		
9/7/12 8:31	1896	31.6	117.006	19.336	135.704	4.161		
9/7/12 8:33	2010	33.5	116.977	19.337	135.771	4.228		
9/7/12 8:35	2130	35.5	116.947	19.339	135.842	4.299		
9/7/12 8:37	2256	37.6	116.882	19.341	135.991	4.448		
9/7/12 8:39	2388	39.8	116.848	19.336	136.07	4.527		
9/7/12 8:42	2532	42.2	116.853	19.334	136.058	4.515		
9/7/12 8:44	2682	44.7	116.793	19.339	136.196	4.653		
9/7/12 8:47	2838	47.3	116.776	19.334	136.235	4.692		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:50	3006	50.1	116.778	19.337	136.232	4.689		
9/7/12 8:53	3186	53.1	116.749	19.334	136.298	4.755		
9/7/12 8:56	3372	56.2	116.739	19.335	136.322	4.779		
9/7/12 8:59	3576	59.6	116.7	19.339	136.411	4.868		
9/7/12 9:03	3786	63.1	116.66	19.34	136.503	4.96		
9/7/12 9:06	4008	66.8	116.66	19.337	136.504	4.961		
9/7/12 9:10	4248	70.8	116.637	19.335	136.557	5.014		
9/7/12 9:15	4500	75	116.625	19.336	136.584	5.041		
9/7/12 9:19	4764	79.4	116.568	19.336	136.715	5.172		
9/7/12 9:24	5046	84.1	116.54	19.344	136.78	5.237		
9/7/12 9:29	5346	89.1	116.544	19.336	136.772	5.229		
9/7/12 9:34	5664	94.4	116.524	19.339	136.817	5.274		
9/7/12 9:40	6000	100	116.502	19.336	136.868	5.325		
9/7/12 9:46	6360	106	116.455	19.339	136.976	5.433		
9/7/12 9:52	6720	112	116.464	19.335	136.956	5.413		
9/7/12 9:59	7140	119	116.431	19.335	137.033	5.49		
9/7/12 10:06	7560	126	116.384	19.337	137.14	5.597		
9/7/12 10:13	7980	133	116.36	19.34	137.196	5.653		
9/7/12 10:21	8460	141	116.372	19.338	137.168	5.625		
9/7/12 10:30	9000	150	116.33	19.34	137.267	5.724		
9/7/12 10:38	9480	158	116.311	19.341	137.309	5.766		
9/7/12 10:48	10080	168	116.283	19.336	137.374	5.831		
9/7/12 10:58	10680	178	116.294	19.34	137.349	5.806		
9/7/12 11:08	11280	188	116.241	19.34	137.472	5.929		
9/7/12 11:19	11940	199	116.262	19.336	137.422	5.879		
9/7/12 11:31	12660	211	116.199	19.339	137.568	6.025		
9/7/12 11:44	13440	224	116.207	19.337	137.55	6.007		
9/7/12 11:57	14220	237	116.17	19.342	137.635	6.092		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 12:11	15060	251	116.169	19.339	137.638	6.095		
9/7/12 12:25						6.01	137.55	
9/7/12 12:26	15960	266	116.147	19.338	137.689	6.146		
9/7/12 12:41	16860	281	116.116	19.339	137.759	6.216		
9/7/12 12:56	17760	296	116.112	19.343	137.768	6.225		
9/7/12 13:11	18660	311	116.095	19.338	137.809	6.266		
9/7/12 13:26	19560	326	116.081	19.346	137.839	6.296		
9/7/12 13:41	20460	341	116.056	19.341	137.898	6.355		
9/7/12 13:56	21360	356	116.056	19.345	137.898	6.355		
9/7/12 14:11	22260	371	116.019	19.342	137.983	6.44		
9/7/12 14:26	23160	386	116.014	19.344	137.996	6.453		
9/7/12 14:41	24060	401	115.978	19.344	138.078	6.535		
9/7/12 14:56	24960	416	115.998	19.339	138.032	6.489		
9/7/12 15:11	25860	431	115.949	19.342	138.146	6.603		
9/7/12 15:26	26760	446	115.965	19.339	138.109	6.566		
9/7/12 15:41	27660	461	115.946	19.343	138.151	6.608		
9/7/12 15:56	28560	476	115.94	19.337	138.166	6.623		
9/7/12 16:11	29460	491	115.925	19.344	138.201	6.658		
9/7/12 16:25						6.54	138.08	
9/7/12 16:26	30360	506	115.9	19.344	138.258	6.715		
9/7/12 16:41	31260	521	115.9	19.347	138.259	6.716		
9/7/12 16:56	32160	536	115.876	19.345	138.313	6.77		
9/7/12 17:11	33060	551	115.889	19.344	138.284	6.741		
9/7/12 17:26	33960	566	115.842	19.34	138.393	6.85		
9/7/12 17:41	34860	581	115.837	19.334	138.403	6.86		
9/7/12 17:56	35760	596	115.867	19.338	138.335	6.792		
9/7/12 18:11	36660	611	115.859	19.344	138.353	6.81		
9/7/12 18:26	37560	626	115.822	19.341	138.439	6.896		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 18:41	38460	641	115.817	19.343	138.449	6.906		
9/7/12 18:56	39360	656	115.832	19.343	138.415	6.872		
9/7/12 19:11	40260	671	115.832	19.343	138.415	6.872		
9/7/12 19:26	41160	686	115.826	19.34	138.428	6.885		
9/7/12 19:41	42060	701	115.81	19.34	138.466	6.923		
9/7/12 19:56	42960	716	115.78	19.339	138.535	6.992		
9/7/12 20:11	43860	731	115.79	19.349	138.511	6.968		
9/7/12 20:26	44760	746	115.786	19.344	138.523	6.98		
9/7/12 20:41	45660	761	115.769	19.34	138.561	7.018		
9/7/12 20:56	46560	776	115.781	19.343	138.533	6.99		
9/7/12 21:11	47460	791	115.775	19.342	138.546	7.003		
9/7/12 21:26	48360	806	115.772	19.344	138.553	7.01		
9/7/12 21:41	49260	821	115.755	19.342	138.592	7.049		
9/7/12 21:56	50160	836	115.723	19.341	138.667	7.124		
9/7/12 22:11	51060	851	115.737	19.345	138.636	7.093		
9/7/12 22:26	51960	866	115.742	19.344	138.623	7.08		
9/7/12 22:41	52860	881	115.739	19.342	138.63	7.087		
9/7/12 22:56	53760	896	115.708	19.339	138.703	7.16		
9/7/12 23:11	54660	911	115.715	19.342	138.685	7.142		
9/7/12 23:26	55560	926	115.719	19.343	138.676	7.133		
9/7/12 23:41	56460	941	115.718	19.344	138.679	7.136		
9/7/12 23:56	57360	956	115.717	19.351	138.681	7.138		
9/8/12 0:11	58260	971	115.698	19.342	138.726	7.183		
9/8/12 0:26	59160	986	115.705	19.342	138.71	7.167		
9/8/12 0:41	60060	1001	115.692	19.341	138.739	7.196		
9/8/12 0:56	60960	1016	115.65	19.339	138.835	7.292		
9/8/12 1:11	61860	1031	115.656	19.346	138.822	7.279		
9/8/12 1:26	62760	1046	115.676	19.346	138.775	7.232		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 1:41	63660	1061	115.664	19.346	138.802	7.259		
9/8/12 1:56	64560	1076	115.676	19.345	138.777	7.234		
9/8/12 2:11	65460	1091	115.67	19.344	138.789	7.246		
9/8/12 2:26	66360	1106	115.659	19.341	138.814	7.271		
9/8/12 2:41	67260	1121	115.675	19.342	138.778	7.235		
9/8/12 2:56	68160	1136	115.658	19.346	138.817	7.274		
9/8/12 3:11	69060	1151	115.636	19.34	138.868	7.325		
9/8/12 3:26	69960	1166	115.613	19.341	138.921	7.378		
9/8/12 3:41	70860	1181	115.633	19.348	138.875	7.332		
9/8/12 3:56	71760	1196	115.644	19.346	138.85	7.307		
9/8/12 4:11	72660	1211	115.599	19.339	138.954	7.411		
9/8/12 4:26	73560	1226	115.637	19.34	138.865	7.322		
9/8/12 4:41	74460	1241	115.619	19.349	138.908	7.365		
9/8/12 4:56	75360	1256	115.585	19.347	138.985	7.442		
9/8/12 5:11	76260	1271	115.577	19.339	139.003	7.46		
9/8/12 5:26	77160	1286	115.619	19.346	138.908	7.365		
9/8/12 5:41	78060	1301	115.605	19.349	138.939	7.396		
9/8/12 5:56	78960	1316	115.608	19.348	138.932	7.389		
9/8/12 6:11	79860	1331	115.596	19.342	138.961	7.418		
9/8/12 6:26	80760	1346	115.588	19.35	138.978	7.435		
9/8/12 6:41	81660	1361	115.599	19.344	138.953	7.41		
9/8/12 6:56	82560	1376	115.557	19.347	139.05	7.507		
9/8/12 7:11	83460	1391	115.6	19.344	138.95	7.407		
9/8/12 7:26	84360	1406	115.589	19.345	138.977	7.434		
9/8/12 7:41	85260	1421	115.573	19.345	139.014	7.471		
9/8/12 7:56	86160	1436	115.569	19.348	139.023	7.48		
9/8/12 8:11	87060	1451	115.57	19.354	139.02	7.477		
9/8/12 8:26	87960	1466	115.564	19.348	139.035	7.492		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 8:41	88860	1481	115.564	19.35	139.035	7.492		
9/8/12 8:56	89760	1496	115.57	19.342	139.02	7.477		
9/8/12 9:11	90660	1511	115.561	19.348	139.042	7.499		
9/8/12 9:26	91560	1526	115.554	19.353	139.056	7.513		
9/8/12 9:41	92460	1541	115.548	19.348	139.072	7.529		
9/8/12 9:56	93360	1556	115.554	19.345	139.056	7.513		
9/8/12 10:11	94260	1571	115.564	19.347	139.035	7.492		
9/8/12 10:26	95160	1586	115.539	19.348	139.091	7.548		
9/8/12 10:41	96060	1601	115.538	19.345	139.094	7.551		
9/8/12 10:55						7.45	138.99	
9/8/12 10:56	96960	1616	115.542	19.346	139.085	7.542		
9/8/12 11:11	97860	1631	115.539	19.351	139.093	7.55		
9/8/12 11:26	98760	1646	115.534	19.347	139.103	7.56		
9/8/12 11:41	99660	1661	115.53	19.342	139.112	7.569		
9/8/12 11:56	100560	1676	115.534	19.345	139.103	7.56		
9/8/12 12:11	101460	1691	115.53	19.347	139.113	7.57		
9/8/12 12:26	102360	1706	115.529	19.342	139.115	7.572		
9/8/12 12:41	103260	1721	115.51	19.345	139.158	7.615		
9/8/12 12:56	104160	1736	115.526	19.347	139.122	7.579		
9/8/12 13:11	105060	1751	115.522	19.352	139.132	7.589		
9/8/12 13:26	105960	1766	115.528	19.347	139.117	7.574		
9/8/12 13:41	106860	1781	115.512	19.348	139.155	7.612		
9/8/12 13:56	107760	1796	115.501	19.35	139.18	7.637		
9/8/12 14:11	108660	1811	115.503	19.355	139.176	7.633		
9/8/12 14:26	109560	1826	115.521	19.349	139.135	7.592		
9/8/12 14:41	110460	1841	115.502	19.347	139.178	7.635		
9/8/12 14:56	111360	1856	115.508	19.35	139.164	7.621		
9/8/12 15:11	112260	1871	115.511	19.344	139.157	7.614		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 15:26	113160	1886	115.509	19.349	139.162	7.619		
9/8/12 15:41	114060	1901	115.506	19.348	139.168	7.625		
9/8/12 15:56	114960	1916	115.513	19.348	139.152	7.609		
9/8/12 16:11	115860	1931	115.494	19.351	139.196	7.653		
9/8/12 16:26	116760	1946	115.504	19.354	139.173	7.63		
9/8/12 16:41	117660	1961	115.504	19.347	139.174	7.631		
9/8/12 16:56	118560	1976	115.488	19.349	139.21	7.667		
9/8/12 17:11	119460	1991	115.502	19.347	139.178	7.635		
9/8/12 17:26	120360	2006	115.495	19.349	139.194	7.651		
9/8/12 17:41	121260	2021	115.493	19.347	139.199	7.656		
9/8/12 17:56	122160	2036	115.473	19.349	139.245	7.702		
9/8/12 18:11	123060	2051	115.49	19.348	139.204	7.661		
9/8/12 18:26	123960	2066	115.478	19.351	139.234	7.691		
9/8/12 18:41	124860	2081	115.477	19.351	139.236	7.693		
9/8/12 18:56	125760	2096	115.496	19.351	139.19	7.647		
9/8/12 19:11	126660	2111	115.448	19.35	139.302	7.759		
9/8/12 19:26	127560	2126	115.494	19.344	139.196	7.653		
9/8/12 19:41	128460	2141	115.48	19.348	139.229	7.686		
9/8/12 19:56	129360	2156	115.466	19.352	139.261	7.718		
9/8/12 20:11	130260	2171	115.475	19.353	139.239	7.696		
9/8/12 20:26	131160	2186	115.463	19.344	139.267	7.724		
9/8/12 20:41	132060	2201	115.468	19.353	139.255	7.712		
9/8/12 20:56	132960	2216	115.465	19.351	139.264	7.721		
9/8/12 21:11	133860	2231	115.468	19.354	139.257	7.714		
9/8/12 21:26	134760	2246	115.468	19.35	139.257	7.714		
9/8/12 21:41	135660	2261	115.45	19.349	139.297	7.754		
9/8/12 21:56	136560	2276	115.461	19.35	139.271	7.728		
9/8/12 22:11	137460	2291	115.456	19.35	139.283	7.74		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 22:26	138360	2306	115.463	19.348	139.268	7.725		
9/8/12 22:41	139260	2321	115.454	19.351	139.289	7.746		
9/8/12 22:56	140160	2336	115.461	19.354	139.271	7.728		
9/8/12 23:11	141060	2351	115.447	19.355	139.305	7.762		
9/8/12 23:26	141960	2366	115.449	19.354	139.299	7.756		
9/8/12 23:41	142860	2381	115.456	19.353	139.283	7.74		
9/8/12 23:56	143760	2396	115.463	19.351	139.268	7.725		
9/9/12 0:11	144660	2411	115.456	19.349	139.284	7.741		
9/9/12 0:26	145560	2426	115.46	19.358	139.274	7.731		
9/9/12 0:41	146460	2441	115.435	19.353	139.332	7.789		
9/9/12 0:56	147360	2456	115.449	19.347	139.299	7.756		
9/9/12 1:11	148260	2471	115.434	19.354	139.334	7.791		
9/9/12 1:26	149160	2486	115.438	19.35	139.326	7.783		
9/9/12 1:41	150060	2501	115.438	19.355	139.325	7.782		
9/9/12 1:56	150960	2516	115.413	19.352	139.383	7.84		
9/9/12 2:11	151860	2531	115.436	19.351	139.331	7.788		
9/9/12 2:26	152760	2546	115.434	19.357	139.335	7.792		
9/9/12 2:41	153660	2561	115.446	19.352	139.307	7.764		
9/9/12 2:56	154560	2576	115.405	19.353	139.401	7.858		
9/9/12 3:11	155460	2591	115.41	19.352	139.39	7.847		
9/9/12 3:26	156360	2606	115.441	19.347	139.318	7.775		
9/9/12 3:41	157260	2621	115.438	19.353	139.326	7.783		
9/9/12 3:56	158160	2636	115.418	19.352	139.371	7.828		
9/9/12 4:11	159060	2651	115.426	19.348	139.352	7.809		
9/9/12 4:26	159960	2666	115.423	19.356	139.361	7.818		
9/9/12 4:41	160860	2681	115.423	19.348	139.36	7.817		
9/9/12 4:56	161760	2696	115.415	19.354	139.378	7.835		
9/9/12 5:11	162660	2711	115.432	19.348	139.34	7.797		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 5:26	163560	2726	115.423	19.348	139.361	7.818		
9/9/12 5:41	164460	2741	115.43	19.354	139.343	7.8		
9/9/12 5:56	165360	2756	115.406	19.352	139.399	7.856		
9/9/12 6:11	166260	2771	115.42	19.351	139.367	7.824		
9/9/12 6:26	167160	2786	115.414	19.351	139.38	7.837		
9/9/12 6:41	168060	2801	115.414	19.352	139.38	7.837		
9/9/12 6:56	168960	2816	115.395	19.348	139.423	7.88		
9/9/12 7:11	169860	2831	115.411	19.353	139.387	7.844		
9/9/12 7:26	170760	2846	115.414	19.354	139.381	7.838		
9/9/12 7:41	171660	2861	115.394	19.354	139.426	7.883		
9/9/12 7:56	172560	2876	115.402	19.353	139.408	7.865		
9/9/12 8:11	173460	2891	115.393	19.348	139.429	7.886		
9/9/12 8:26	174360	2906	115.402	19.352	139.409	7.866		
9/9/12 8:41	175260	2921	115.391	19.353	139.435	7.892		
9/9/12 8:56	176160	2936	115.407	19.35	139.396	7.853		
9/9/12 9:11	177060	2951	115.391	19.354	139.434	7.891		
9/9/12 9:26	177960	2966	115.405	19.351	139.402	7.859		
9/9/12 9:41	178860	2981	115.382	19.355	139.454	7.911		
9/9/12 9:56	179760	2996	115.385	19.353	139.448	7.905		
9/9/12 10:11	180660	3011	115.383	19.35	139.452	7.909		
9/9/12 10:26	181560	3026	115.394	19.355	139.426	7.883		
9/9/12 10:41	182460	3041	115.392	19.352	139.431	7.888		
9/9/12 10:56	183360	3056	115.402	19.351	139.408	7.865		
9/9/12 11:11	184260	3071	115.389	19.356	139.438	7.895		
9/9/12 11:26	185160	3086	115.407	19.353	139.397	7.854		
9/9/12 11:41	186060	3101	115.362	19.354	139.501	7.958		
9/9/12 11:56	186960	3116	115.366	19.347	139.491	7.948		
9/9/12 12:11	187860	3131	115.398	19.349	139.418	7.875		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 12:26	188760	3146	115.379	19.346	139.461	7.918		
9/9/12 12:41	189660	3161	115.386	19.349	139.445	7.902		
9/9/12 12:56	190560	3176	115.366	19.347	139.492	7.949		
9/9/12 13:11	191460	3191	115.369	19.352	139.485	7.942		
9/9/12 13:26	192360	3206	115.366	19.35	139.491	7.948		
9/9/12 13:41	193260	3221	115.36	19.354	139.505	7.962		
9/9/12 13:56	194160	3236	115.399	19.351	139.416	7.873		
9/9/12 14:11	195060	3251	115.394	19.357	139.428	7.885		
9/9/12 14:26	195960	3266	115.397	19.352	139.419	7.876		
9/9/12 14:41	196860	3281	115.392	19.351	139.432	7.889		
9/9/12 14:56	197760	3296	115.405	19.354	139.402	7.859		
9/9/12 15:11	198660	3311	115.39	19.353	139.436	7.893		
9/9/12 15:26	199560	3326	115.391	19.356	139.434	7.891		
9/9/12 15:41	200460	3341	115.395	19.356	139.425	7.882		
9/9/12 15:56	201360	3356	115.382	19.351	139.455	7.912		
9/9/12 16:11	202260	3371	115.379	19.352	139.461	7.918		
9/9/12 16:26	203160	3386	115.392	19.351	139.431	7.888		
9/9/12 16:41	204060	3401	115.384	19.35	139.45	7.907		
9/9/12 16:56	204960	3416	115.39	19.354	139.436	7.893		
9/9/12 17:11	205860	3431	115.392	19.347	139.432	7.889		
9/9/12 17:26	206760	3446	115.375	19.35	139.47	7.927		
9/9/12 17:41	207660	3461	115.4	19.354	139.413	7.87		
9/9/12 17:56	208560	3476	115.38	19.358	139.46	7.917		
9/9/12 18:11	209460	3491	115.348	19.354	139.534	7.991		
9/9/12 18:26	210360	3506	115.377	19.355	139.466	7.923		
9/9/12 18:41	211260	3521	115.397	19.359	139.42	7.877		
9/9/12 18:56	212160	3536	115.358	19.355	139.51	7.967		
9/9/12 19:11	213060	3551	115.374	19.354	139.473	7.93		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 19:26	213960	3566	115.374	19.354	139.473	7.93		
9/9/12 19:41	214860	3581	115.384	19.354	139.45	7.907		
9/9/12 19:56	215760	3596	115.374	19.354	139.474	7.931		
9/9/12 20:11	216660	3611	115.38	19.357	139.46	7.917		
9/9/12 20:26	217560	3626	115.375	19.357	139.471	7.928		
9/9/12 20:41	218460	3641	115.363	19.354	139.497	7.954		
9/9/12 20:56	219360	3656	115.353	19.355	139.522	7.979		
9/9/12 21:11	220260	3671	115.374	19.345	139.473	7.93		
9/9/12 21:26	221160	3686	115.36	19.352	139.506	7.963		
9/9/12 21:41	222060	3701	115.361	19.348	139.503	7.96		
9/9/12 21:56	222960	3716	115.382	19.352	139.454	7.911		
9/9/12 22:11	223860	3731	115.37	19.352	139.483	7.94		
9/9/12 22:26	224760	3746	115.349	19.349	139.531	7.988		
9/9/12 22:41	225660	3761	115.374	19.353	139.473	7.93		
9/9/12 22:56	226560	3776	115.384	19.354	139.451	7.908		
9/9/12 23:11	227460	3791	115.376	19.353	139.469	7.926		
9/9/12 23:26	228360	3806	115.375	19.351	139.47	7.927		
9/9/12 23:41	229260	3821	115.365	19.352	139.494	7.951		
9/9/12 23:56	230160	3836	115.369	19.355	139.484	7.941		
9/10/12 0:11	231060	3851	115.369	19.353	139.484	7.941		
9/10/12 0:26	231960	3866	115.371	19.354	139.48	7.937		
9/10/12 0:41	232860	3881	115.365	19.352	139.493	7.95		
9/10/12 0:56	233760	3896	115.37	19.348	139.481	7.938		
9/10/12 1:11	234660	3911	115.349	19.355	139.53	7.987		
9/10/12 1:26	235560	3926	115.366	19.356	139.49	7.947		
9/10/12 1:41	236460	3941	115.37	19.346	139.483	7.94		
9/10/12 1:56	237360	3956	115.374	19.361	139.473	7.93		
9/10/12 2:11	238260	3971	115.363	19.348	139.497	7.954		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 2:26	239160	3986	115.361	19.353	139.503	7.96		
9/10/12 2:41	240060	4001	115.366	19.35	139.492	7.949		
9/10/12 2:56	240960	4016	115.371	19.353	139.48	7.937		
9/10/12 3:11	241860	4031	115.381	19.357	139.457	7.914		
9/10/12 3:26	242760	4046	115.363	19.348	139.499	7.956		
9/10/12 3:41	243660	4061	115.37	19.356	139.481	7.938		
9/10/12 3:56	244560	4076	115.368	19.357	139.487	7.944		
9/10/12 4:11	245460	4091	115.368	19.35	139.486	7.943		
9/10/12 4:26	246360	4106	115.358	19.355	139.51	7.967		
9/10/12 4:41	247260	4121	115.378	19.353	139.464	7.921		
9/10/12 4:56	248160	4136	115.36	19.354	139.505	7.962		
9/10/12 5:11	249060	4151	115.369	19.356	139.484	7.941		
9/10/12 5:26	249960	4166	115.346	19.355	139.539	7.996		
9/10/12 5:41	250860	4181	115.362	19.348	139.5	7.957		
9/10/12 5:56	251760	4196	115.351	19.354	139.526	7.983		
9/10/12 6:11	252660	4211	115.372	19.35	139.479	7.936		
9/10/12 6:26	253560	4226	115.363	19.359	139.497	7.954		
9/10/12 6:41	254460	4241	115.347	19.361	139.536	7.993		
9/10/12 6:56	255360	4256	115.354	19.358	139.519	7.976		
9/10/12 7:11	256260	4271	115.327	19.353	139.581	8.038		
9/10/12 7:26	257160	4286	115.345	19.357	139.539	7.996		
9/10/12 7:41	258060	4301	115.345	19.355	139.541	7.998		
9/10/12 7:56	258960	4316	115.353	19.354	139.521	7.978		
9/10/12 8:11	259860	4331	115.348	19.352	139.532	7.989		
9/10/12 8:26	260760	4346	115.329	19.353	139.578	8.035		
9/10/12 8:41	261660	4361	115.358	19.353	139.509	7.966		
9/10/12 8:56	262560	4376	115.34	19.357	139.553	8.01		
9/10/12 9:11	263460	4391	115.347	19.351	139.536	7.993		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 9:26	264360	4406	115.334	19.353	139.566	8.023		
9/10/12 9:41	265260	4421	115.34	19.351	139.551	8.008		
9/10/12 9:56	266160	4436	115.36	19.353	139.505	7.962		
9/10/12 10:11	267060	4451	115.357	19.354	139.512	7.969		
9/10/12 10:26	267960	4466	115.365	19.351	139.493	7.95		
9/10/12 10:41	268860	4481	115.352	19.349	139.524	7.981		
9/10/12 10:56	269760	4496	115.357	19.355	139.513	7.97		
9/10/12 11:11	270660	4511	115.357	19.355	139.513	7.97		
9/10/12 11:26	271560	4526	115.356	19.35	139.515	7.972		
9/10/12 11:41	272460	4541	115.356	19.359	139.515	7.972		
9/10/12 11:56	273360	4556	115.34	19.355	139.553	8.01		
9/10/12 12:11	274260	4571	115.341	19.354	139.55	8.007		
9/10/12 12:26	275160	4586	115.342	19.36	139.547	8.004		
9/10/12 12:41	276060	4601	115.368	19.354	139.486	7.943		
9/10/12 12:56	276960	4616	115.372	19.359	139.479	7.936		
9/10/12 13:10						7.87	139.41	
9/10/12 13:11	277860	4631	115.363	19.355	139.499	7.956		
9/10/12 13:26	278760	4646	115.363	19.35	139.499	7.956		
9/10/12 13:41	279660	4661	115.369	19.356	139.484	7.941		
9/10/12 13:56	280560	4676	115.357	19.353	139.512	7.969		
9/10/12 14:11	281460	4691	115.366	19.348	139.49	7.947		
9/10/12 14:26	282360	4706	115.38	19.352	139.458	7.915		
9/10/12 14:41	283260	4721	115.356	19.353	139.515	7.972		
9/10/12 14:56	284160	4736	115.324	19.35	139.588	8.045		
9/10/12 15:11	285060	4751	115.326	19.353	139.584	8.041		
9/10/12 15:26	285960	4766	115.327	19.352	139.581	8.038		
9/10/12 15:41	286860	4781	115.348	19.35	139.532	7.989		
9/10/12 15:56	287760	4796	115.358	19.355	139.51	7.967		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 16:11	288660	4811	115.368	19.354	139.486	7.943		
9/10/12 16:26	289560	4826	115.377	19.355	139.467	7.924		
9/10/12 16:41	290460	4841	115.37	19.351	139.483	7.94		
9/10/12 16:56	291360	4856	115.367	19.354	139.489	7.946		
9/10/12 17:11	292260	4871	115.354	19.354	139.519	7.976		
9/10/12 17:26	293160	4886	115.339	19.353	139.554	8.011		
9/10/12 17:41	294060	4901	115.36	19.35	139.506	7.963		
9/10/12 17:56	294960	4916	115.358	19.353	139.51	7.967		
9/10/12 18:11	295860	4931	115.352	19.353	139.524	7.981		
9/10/12 18:26	296760	4946	115.372	19.354	139.479	7.936		
9/10/12 18:41	297660	4961	115.327	19.355	139.581	8.038		
9/10/12 18:56	298560	4976	115.349	19.356	139.531	7.988		
9/10/12 19:11	299460	4991	115.355	19.347	139.516	7.973		
9/10/12 19:26	300360	5006	115.349	19.357	139.531	7.988		
9/10/12 19:41	301260	5021	115.355	19.356	139.518	7.975		
9/10/12 19:56	302160	5036	115.349	19.352	139.53	7.987		
9/10/12 20:11	303060	5051	115.349	19.358	139.531	7.988		
9/10/12 20:26	303960	5066	115.352	19.357	139.525	7.982		
9/10/12 20:41	304860	5081	115.344	19.354	139.542	7.999		
9/10/12 20:56	305760	5096	115.36	19.355	139.506	7.963		
9/10/12 21:11	306660	5111	115.342	19.357	139.547	8.004		
9/10/12 21:26	307560	5126	115.346	19.354	139.538	7.995		
9/10/12 21:41	308460	5141	115.348	19.352	139.532	7.989		
9/10/12 21:56	309360	5156	115.355	19.356	139.518	7.975		
9/10/12 22:11	310260	5171	115.348	19.354	139.532	7.989		
9/10/12 22:26	311160	5186	115.357	19.356	139.513	7.97		
9/10/12 22:41	312060	5201	115.354	19.355	139.519	7.976		
9/10/12 22:56	312960	5216	115.37	19.351	139.481	7.938		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 23:11	313860	5231	115.346	19.354	139.538	7.995		
9/10/12 23:26	314760	5246	115.343	19.355	139.545	8.002		
9/10/12 23:41	315660	5261	115.337	19.354	139.558	8.015		
9/10/12 23:56	316560	5276	115.318	19.353	139.602	8.059		
9/11/12 0:11	317460	5291	115.324	19.353	139.588	8.045		
9/11/12 0:26	318360	5306	115.341	19.357	139.548	8.005		
9/11/12 0:41	319260	5321	115.349	19.356	139.53	7.987		
9/11/12 0:56	320160	5336	115.34	19.355	139.551	8.008		
9/11/12 1:11	321060	5351	115.351	19.357	139.526	7.983		
9/11/12 1:26	321960	5366	115.364	19.353	139.496	7.953		
9/11/12 1:41	322860	5381	115.347	19.356	139.536	7.993		
9/11/12 1:56	323760	5396	115.352	19.354	139.524	7.981		
9/11/12 2:11	324660	5411	115.331	19.354	139.572	8.029		
9/11/12 2:26	325560	5426	115.321	19.352	139.595	8.052		
9/11/12 2:41	326460	5441	115.343	19.357	139.544	8.001		
9/11/12 2:56	327360	5456	115.308	19.352	139.626	8.083		
9/11/12 3:11	328260	5471	115.34	19.35	139.551	8.008		
9/11/12 3:26	329160	5486	115.313	19.358	139.614	8.071		
9/11/12 3:41	330060	5501	115.354	19.348	139.519	7.976		
9/11/12 3:56	330960	5516	115.33	19.352	139.574	8.031		
9/11/12 4:11	331860	5531	115.35	19.353	139.528	7.985		
9/11/12 4:26	332760	5546	115.343	19.353	139.544	8.001		
9/11/12 4:41	333660	5561	115.354	19.35	139.519	7.976		
9/11/12 4:56	334560	5576	115.32	19.358	139.598	8.055		
9/11/12 5:11	335460	5591	115.347	19.353	139.535	7.992		
9/11/12 5:26	336360	5606	115.316	19.35	139.607	8.064		
9/11/12 5:41	337260	5621	115.345	19.358	139.539	7.996		
9/11/12 5:56	338160	5636	115.337	19.355	139.558	8.015		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 6:11	339060	5651	115.341	19.353	139.55	8.007		
9/11/12 6:26	339960	5666	115.352	19.354	139.525	7.982		
9/11/12 6:41	340860	5681	115.343	19.351	139.545	8.002		
9/11/12 6:56	341760	5696	115.304	19.354	139.634	8.091		
9/11/12 7:11	342660	5711	115.312	19.358	139.615	8.072		
9/11/12 7:26	343560	5726	115.352	19.352	139.524	7.981		
9/11/12 7:41	344460	5741	115.318	19.351	139.603	8.06		
9/11/12 7:56	345360	5756	115.241	19.354	139.779	8.236		
9/11/12 8:11	346260	5771	115.26	19.355	139.737	8.194		
9/11/12 8:26	347160	5786	115.328	19.358	139.58	8.037		
9/11/12 8:41	348060	5801	115.331	19.353	139.572	8.029		
9/11/12 8:56	348960	5816	115.298	19.353	139.649	8.106		
9/11/12 9:11	349860	5831	115.327	19.361	139.582	8.039		
9/11/12 9:26	350760	5846	115.331	19.349	139.573	8.03		
9/11/12 9:41	351660	5861	115.335	19.354	139.564	8.021		
9/11/12 9:56	352560	5876	115.318	19.35	139.602	8.059		
9/11/12 10:11	353460	5891	115.321	19.361	139.594	8.051		
9/11/12 10:26	354360	5906	115.33	19.354	139.575	8.032		
9/11/12 10:41	355260	5921	115.286	19.356	139.677	8.134		
9/11/12 10:56	356160	5936	115.306	19.352	139.63	8.087		
9/11/12 11:11	357060	5951	115.299	19.352	139.646	8.103		
9/11/12 11:26	357960	5966	115.328	19.354	139.58	8.037		
9/11/12 11:41	358860	5981	115.305	19.351	139.631	8.088		
9/11/12 11:56	359760	5996	115.305	19.356	139.631	8.088		
9/11/12 12:11	360660	6011	115.331	19.357	139.573	8.03		
9/11/12 12:26	361560	6026	115.335	19.355	139.564	8.021		
9/11/12 12:41	362460	6041	115.307	19.354	139.628	8.085		
9/11/12 12:56	363360	6056	115.333	19.358	139.568	8.025		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 13:11	364260	6071	115.34	19.36	139.551	8.008		
9/11/12 13:26	365160	6086	115.341	19.358	139.548	8.005		
9/11/12 13:41	366060	6101	115.341	19.353	139.55	8.007		
9/11/12 13:45						7.95	139.49	
9/11/12 13:56	366960	6116	115.346	19.353	139.538	7.995		
9/11/12 14:11	367860	6131	115.345	19.356	139.541	7.998		
9/11/12 14:26	368760	6146	115.335	19.356	139.564	8.021		
9/11/12 14:41	369660	6161	115.333	19.354	139.567	8.024		
9/11/12 14:56	370560	6176	115.333	19.354	139.568	8.025		
9/11/12 15:11	371460	6191	115.328	19.358	139.58	8.037		
9/11/12 15:26	372360	6206	115.341	19.354	139.548	8.005		
9/11/12 15:41	373260	6221	115.346	19.352	139.538	7.995		
9/11/12 15:56	374160	6236	115.336	19.358	139.561	8.018		
9/11/12 16:11	375060	6251	115.295	19.357	139.656	8.113		
9/11/12 16:26	375960	6266	115.329	19.354	139.577	8.034		
9/11/12 16:41	376860	6281	115.3	19.359	139.643	8.1		
9/11/12 16:56	377760	6296	115.352	19.354	139.525	7.982		
9/11/12 17:11	378660	6311	115.337	19.353	139.558	8.015		
9/11/12 17:26	379560	6326	115.324	19.351	139.589	8.046		
9/11/12 17:41	380460	6341	115.331	19.349	139.572	8.029		
9/11/12 17:56	381360	6356	115.314	19.352	139.612	8.069		
9/11/12 18:11	382260	6371	115.327	19.354	139.582	8.039		
9/11/12 18:26	383160	6386	115.306	19.352	139.63	8.087		
9/11/12 18:41	384060	6401	115.299	19.357	139.647	8.104		
9/11/12 18:56	384960	6416	115.333	19.355	139.567	8.024		
9/11/12 19:11	385860	6431	115.325	19.358	139.586	8.043		
9/11/12 19:26	386760	6446	115.34	19.353	139.551	8.008		
9/11/12 19:41	387660	6461	115.33	19.353	139.574	8.031		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 19:56	388560	6476	115.333	19.349	139.567	8.024		
9/11/12 20:11	389460	6491	115.324	19.352	139.587	8.044		
9/11/12 20:26	390360	6506	115.33	19.35	139.574	8.031		
9/11/12 20:41	391260	6521	115.334	19.35	139.566	8.023		
9/11/12 20:56	392160	6536	115.323	19.355	139.59	8.047		
9/11/12 21:11	393060	6551	115.321	19.352	139.594	8.051		
9/11/12 21:26	393960	6566	115.323	19.356	139.592	8.049		
9/11/12 21:41	394860	6581	115.324	19.351	139.589	8.046		
9/11/12 21:56	395760	6596	115.326	19.352	139.585	8.042		
9/11/12 22:11	396660	6611	115.328	19.354	139.58	8.037		
9/11/12 22:26	397560	6626	115.312	19.354	139.615	8.072		
9/11/12 22:41	398460	6641	115.315	19.353	139.61	8.067		
9/11/12 22:56	399360	6656	115.307	19.356	139.627	8.084		
9/11/12 23:11	400260	6671	115.31	19.356	139.622	8.079		
9/11/12 23:26	401160	6686	115.318	19.351	139.602	8.059		
9/11/12 23:41	402060	6701	115.315	19.352	139.61	8.067		
9/11/12 23:56	402960	6716	115.311	19.356	139.619	8.076		
9/12/12 0:11	403860	6731	115.312	19.353	139.616	8.073		
9/12/12 0:26	404760	6746	115.318	19.352	139.602	8.059		
9/12/12 0:41	405660	6761	115.285	19.355	139.678	8.135		
9/12/12 0:56	406560	6776	115.324	19.351	139.589	8.046		
9/12/12 1:11	407460	6791	115.285	19.356	139.679	8.136		
9/12/12 1:26	408360	6806	115.336	19.357	139.561	8.018		
9/12/12 1:41	409260	6821	115.325	19.354	139.586	8.043		
9/12/12 1:56	410160	6836	115.29	19.358	139.666	8.123		
9/12/12 2:11	411060	6851	115.311	19.357	139.618	8.075		
9/12/12 2:26	411960	6866	115.326	19.351	139.583	8.04		
9/12/12 2:41	412860	6881	115.301	19.349	139.642	8.099		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 2:56	413760	6896	115.309	19.351	139.624	8.081		
9/12/12 3:11	414660	6911	115.328	19.35	139.578	8.035		
9/12/12 3:26	415560	6926	115.287	19.356	139.673	8.13		
9/12/12 3:41	416460	6941	115.321	19.355	139.596	8.053		
9/12/12 3:56	417360	6956	115.323	19.353	139.592	8.049		
9/12/12 4:11	418260	6971	115.311	19.351	139.619	8.076		
9/12/12 4:26	419160	6986	115.312	19.353	139.616	8.073		
9/12/12 4:41	420060	7001	115.281	19.358	139.687	8.144		
9/12/12 4:56	420960	7016	115.28	19.353	139.689	8.146		
9/12/12 5:11	421860	7031	115.276	19.354	139.699	8.156		
9/12/12 5:26	422760	7046	115.329	19.349	139.577	8.034		
9/12/12 5:41	423660	7061	115.277	19.349	139.697	8.154		
9/12/12 5:56	424560	7076	115.319	19.355	139.601	8.058		
9/12/12 6:11	425460	7091	115.29	19.352	139.666	8.123		
9/12/12 6:26	426360	7106	115.308	19.353	139.625	8.082		
9/12/12 6:41	427260	7121	115.311	19.351	139.618	8.075		
9/12/12 6:56	428160	7136	115.305	19.349	139.632	8.089		
9/12/12 7:11	429060	7151	115.277	19.35	139.697	8.154		
9/12/12 7:26	429960	7166	115.294	19.356	139.657	8.114		
9/12/12 7:41	430860	7181	115.294	19.348	139.658	8.115		
9/12/12 7:56	431760	7196	115.286	19.348	139.676	8.133		
9/12/12 8:11	432660	7211	115.269	19.354	139.715	8.172		
9/12/12 8:26	433560	7226	115.256	19.352	139.744	8.201		
9/12/12 8:41	434460	7241	115.297	19.349	139.651	8.108		
9/12/12 8:56	435360	7256	115.266	19.354	139.723	8.18		
9/12/12 9:11	436260	7271	115.29	19.353	139.667	8.124		
9/12/12 9:26	437160	7286	115.299	19.35	139.646	8.103		
9/12/12 9:41	438060	7301	115.26	19.351	139.735	8.192		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 9:56	438960	7316	115.299	19.352	139.647	8.104		
9/12/12 10:11	439860	7331	115.287	19.352	139.673	8.13		
9/12/12 10:26	440760	7346	115.306	19.352	139.631	8.088		
9/12/12 10:41	441660	7361	115.287	19.352	139.673	8.13		
9/12/12 10:56	442560	7376	115.281	19.355	139.689	8.146		
9/12/12 11:11	443460	7391	115.303	19.352	139.637	8.094		
9/12/12 11:26	444360	7406	115.3	19.354	139.644	8.101		
9/12/12 11:41	445260	7421	115.287	19.352	139.673	8.13		
9/12/12 11:56	446160	7436	115.262	19.348	139.731	8.188		
9/12/12 12:11	447060	7451	115.29	19.35	139.667	8.124		
9/12/12 12:26	447960	7466	115.31	19.349	139.622	8.079		
9/12/12 12:41	448860	7481	115.302	19.35	139.638	8.095		
9/12/12 12:56	449760	7496	115.311	19.351	139.618	8.075		
9/12/12 13:11	450660	7511	115.31	19.351	139.621	8.078		
9/12/12 13:26	451560	7526	115.304	19.355	139.635	8.092		
9/12/12 13:41	452460	7541	115.294	19.356	139.657	8.114		
9/12/12 13:56	453360	7556	115.312	19.354	139.616	8.073		
9/12/12 14:11	454260	7571	115.285	19.354	139.679	8.136		
9/12/12 14:26	455160	7586	115.315	19.353	139.609	8.066		
9/12/12 14:41	456060	7601	115.316	19.356	139.608	8.065		
9/12/12 14:56	456960	7616	115.298	19.349	139.648	8.105		
9/12/12 15:11	457860	7631	115.312	19.354	139.616	8.073		
9/12/12 15:26	458760	7646	115.314	19.353	139.612	8.069		
9/12/12 15:41	459660	7661	115.31	19.355	139.622	8.079		
9/12/12 15:56	460560	7676	115.27	19.349	139.713	8.17		
9/12/12 16:11	461460	7691	115.275	19.351	139.702	8.159		
9/12/12 16:26	462360	7706	115.311	19.353	139.618	8.075		
9/12/12 16:41	463260	7721	115.318	19.357	139.603	8.06		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 16:56	464160	7736	115.294	19.355	139.657	8.114		
9/12/12 17:11	465060	7751	115.319	19.354	139.601	8.058		
9/12/12 17:26	465960	7766	115.304	19.354	139.634	8.091		
9/12/12 17:41	466860	7781	115.266	19.352	139.723	8.18		
9/12/12 17:56	467760	7796	115.292	19.358	139.661	8.118		
9/12/12 18:11	468660	7811	115.285	19.35	139.678	8.135		
9/12/12 18:26	469560	7826	115.329	19.353	139.577	8.034		
9/12/12 18:41	470460	7841	115.307	19.357	139.627	8.084		
9/12/12 18:56	471360	7856	115.311	19.354	139.619	8.076		
9/12/12 19:11	472260	7871	115.301	19.346	139.642	8.099		
9/12/12 19:26	473160	7886	115.296	19.35	139.652	8.109		
9/12/12 19:41	474060	7901	115.284	19.355	139.681	8.138		
9/12/12 19:56	474960	7916	115.295	19.355	139.655	8.112		
9/12/12 20:11	475860	7931	115.313	19.357	139.613	8.07		
9/12/12 20:26	476760	7946	115.292	19.354	139.663	8.12		
9/12/12 20:41	477660	7961	115.299	19.352	139.647	8.104		
9/12/12 20:56	478560	7976	115.294	19.352	139.658	8.115		
9/12/12 21:11	479460	7991	115.302	19.353	139.638	8.095		
9/12/12 21:26	480360	8006	115.278	19.353	139.695	8.152		
9/12/12 21:41	481260	8021	115.26	19.354	139.737	8.194		
9/12/12 21:56	482160	8036	115.292	19.35	139.663	8.12		
9/12/12 22:11	483060	8051	115.291	19.351	139.666	8.123		
9/12/12 22:26	483960	8066	115.27	19.352	139.713	8.17		
9/12/12 22:41	484860	8081	115.297	19.354	139.65	8.107		
9/12/12 22:56	485760	8096	115.307	19.354	139.627	8.084		
9/12/12 23:11	486660	8111	115.302	19.353	139.64	8.097		
9/12/12 23:26	487560	8126	115.293	19.352	139.66	8.117		
9/12/12 23:41	488460	8141	115.306	19.353	139.631	8.088		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 23:56	489360	8156	115.308	19.349	139.625	8.082		
9/13/12 0:11	490260	8171	115.277	19.349	139.697	8.154		
9/13/12 0:26	491160	8186	115.265	19.35	139.724	8.181		
9/13/12 0:41	492060	8201	115.3	19.356	139.644	8.101		
9/13/12 0:56	492960	8216	115.293	19.354	139.66	8.117		
9/13/12 1:11	493860	8231	115.26	19.35	139.737	8.194		
9/13/12 1:26	494760	8246	115.289	19.349	139.67	8.127		
9/13/12 1:41	495660	8261	115.296	19.353	139.654	8.111		
9/13/12 1:56	496560	8276	115.293	19.351	139.66	8.117		
9/13/12 2:11	497460	8291	115.305	19.354	139.632	8.089		
9/13/12 2:26	498360	8306	115.296	19.355	139.652	8.109		
9/13/12 2:41	499260	8321	115.31	19.353	139.622	8.079		
9/13/12 2:56	500160	8336	115.3	19.355	139.644	8.101		
9/13/12 3:11	501060	8351	115.29	19.349	139.667	8.124		
9/13/12 3:26	501960	8366	115.3	19.354	139.644	8.101		
9/13/12 3:41	502860	8381	115.299	19.351	139.646	8.103		
9/13/12 3:56	503760	8396	115.261	19.356	139.733	8.19		
9/13/12 4:11	504660	8411	115.29	19.354	139.667	8.124		
9/13/12 4:26	505560	8426	115.254	19.352	139.749	8.206		
9/13/12 4:41	506460	8441	115.291	19.355	139.664	8.121		
9/13/12 4:56	507360	8456	115.299	19.356	139.646	8.103		
9/13/12 5:11	508260	8471	115.294	19.351	139.658	8.115		
9/13/12 5:26	509160	8486	115.302	19.348	139.638	8.095		
9/13/12 5:41	510060	8501	115.265	19.351	139.724	8.181		
9/13/12 5:56	510960	8516	115.289	19.357	139.669	8.126		
9/13/12 6:11	511860	8531	115.281	19.358	139.687	8.144		
9/13/12 6:26	512760	8546	115.289	19.351	139.67	8.127		
9/13/12 6:41	513660	8561	115.283	19.352	139.683	8.14		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 6:56	514560	8576	115.292	19.357	139.663	8.12		
9/13/12 7:11	515460	8591	115.278	19.352	139.695	8.152		
9/13/12 7:26	516360	8606	115.248	19.352	139.765	8.222		
9/13/12 7:41	517260	8621	115.253	19.35	139.753	8.21		
9/13/12 7:56	518160	8636	115.275	19.352	139.702	8.159		
9/13/12 8:11	519060	8651	115.277	19.351	139.698	8.155		
9/13/12 8:26	519960	8666	115.275	19.357	139.701	8.158		
9/13/12 8:41	520860	8681	115.229	19.353	139.808	8.265		
9/13/12 8:56	521760	8696	115.275	19.353	139.702	8.159		
9/13/12 9:11	522660	8711	115.285	19.354	139.678	8.135		
9/13/12 9:26	523560	8726	115.275	19.348	139.701	8.158		
9/13/12 9:41	524460	8741	115.284	19.352	139.682	8.139		
9/13/12 9:56	525360	8756	115.243	19.354	139.775	8.232		
9/13/12 10:11	526260	8771	115.275	19.354	139.702	8.159		
9/13/12 10:26	527160	8786	115.258	19.355	139.741	8.198		
9/13/12 10:41	528060	8801	115.264	19.354	139.728	8.185		
9/13/12 10:56	528960	8816	115.257	19.353	139.743	8.2		
9/13/12 11:11	529860	8831	115.252	19.354	139.754	8.211		
9/13/12 11:26	530760	8846	115.262	19.354	139.732	8.189		
9/13/12 11:41	531660	8861	115.238	19.351	139.786	8.243		
9/13/12 11:56	532560	8876	115.278	19.353	139.695	8.152		
9/13/12 12:11	533460	8891	115.276	19.353	139.699	8.156		
9/13/12 12:26	534360	8906	115.281	19.351	139.689	8.146		
9/13/12 12:41	535260	8921	115.281	19.351	139.687	8.144		
9/13/12 12:56	536160	8936	115.265	19.353	139.724	8.181		
9/13/12 13:11	537060	8951	115.24	19.356	139.783	8.24		
9/13/12 13:26	537960	8966	115.282	19.353	139.684	8.141		
9/13/12 13:41	538860	8981	115.238	19.35	139.786	8.243		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 13:56	539760	8996	115.232	19.352	139.801	8.258		
9/13/12 14:11	540660	9011	115.284	19.356	139.682	8.139		
9/13/12 14:26	541560	9026	115.277	19.354	139.696	8.153		
9/13/12 14:41	542460	9041	115.291	19.347	139.666	8.123		
9/13/12 14:56	543360	9056	115.248	19.353	139.765	8.222		
9/13/12 15:11	544260	9071	115.27	19.353	139.712	8.169		
9/13/12 15:26	545160	9086	115.282	19.35	139.684	8.141		
9/13/12 15:41	546060	9101	115.273	19.354	139.706	8.163		
9/13/12 15:56	546960	9116	115.283	19.354	139.683	8.14		
9/13/12 16:11	547860	9131	115.249	19.349	139.762	8.219		
9/13/12 16:26	548760	9146	115.288	19.347	139.672	8.129		
9/13/12 16:41	549660	9161	115.27	19.355	139.713	8.17		
9/13/12 16:56	550560	9176	115.276	19.351	139.699	8.156		
9/13/12 17:11	551460	9191	115.274	19.356	139.703	8.16		
9/13/12 17:26	552360	9206	115.245	19.354	139.772	8.229		
9/13/12 17:41	553260	9221	115.271	19.354	139.711	8.168		
9/13/12 17:56	554160	9236	115.277	19.352	139.696	8.153		
9/13/12 18:11	555060	9251	115.282	19.351	139.686	8.143		
9/13/12 18:26	555960	9266	115.294	19.354	139.657	8.114		
9/13/12 18:41	556860	9281	115.277	19.357	139.696	8.153		
9/13/12 18:56	557760	9296	115.267	19.351	139.719	8.176		
9/13/12 19:11	558660	9311	115.276	19.354	139.699	8.156		
9/13/12 19:26	559560	9326	115.27	19.352	139.713	8.17		
9/13/12 19:41	560460	9341	115.262	19.357	139.731	8.188		
9/13/12 19:56	561360	9356	115.26	19.352	139.735	8.192		
9/13/12 20:11	562260	9371	115.268	19.349	139.718	8.175		
9/13/12 20:26	563160	9386	115.251	19.356	139.757	8.214		
9/13/12 20:41	564060	9401	115.238	19.348	139.788	8.245		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 20:56	564960	9416	115.24	19.351	139.783	8.24		
9/13/12 21:11	565860	9431	115.252	19.35	139.756	8.213		
9/13/12 21:26	566760	9446	115.258	19.352	139.741	8.198		
9/13/12 21:41	567660	9461	115.266	19.353	139.722	8.179		
9/13/12 21:56	568560	9476	115.222	19.35	139.824	8.281		
9/13/12 22:11	569460	9491	115.258	19.35	139.741	8.198		
9/13/12 22:26	570360	9506	115.272	19.351	139.709	8.166		
9/13/12 22:41	571260	9521	115.266	19.353	139.722	8.179		
9/13/12 22:56	572160	9536	115.265	19.354	139.724	8.181		
9/13/12 23:11	573060	9551	115.259	19.348	139.738	8.195		
9/13/12 23:26	573960	9566	115.267	19.354	139.721	8.178		
9/13/12 23:41	574860	9581	115.262	19.35	139.732	8.189		
9/13/12 23:56	575760	9596	115.263	19.356	139.73	8.187		
9/14/12 0:11	576660	9611	115.27	19.352	139.712	8.169		
9/14/12 0:26	577560	9626	115.276	19.354	139.699	8.156		
9/14/12 0:41	578460	9641	115.231	19.35	139.803	8.26		
9/14/12 0:56	579360	9656	115.254	19.354	139.75	8.207		
9/14/12 1:11	580260	9671	115.265	19.353	139.724	8.181		
9/14/12 1:26	581160	9686	115.26	19.351	139.737	8.194		
9/14/12 1:41	582060	9701	115.268	19.353	139.718	8.175		
9/14/12 1:56	582960	9716	115.272	19.349	139.709	8.166		
9/14/12 2:11	583860	9731	115.237	19.352	139.789	8.246		
9/14/12 2:26	584760	9746	115.267	19.349	139.719	8.176		
9/14/12 2:41	585660	9761	115.248	19.356	139.763	8.22		
9/14/12 2:56	586560	9776	115.266	19.355	139.722	8.179		
9/14/12 3:11	587460	9791	115.238	19.355	139.788	8.245		
9/14/12 3:26	588360	9806	115.257	19.345	139.744	8.201		
9/14/12 3:41	589260	9821	115.262	19.353	139.731	8.188		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 3:56	590160	9836	115.254	19.348	139.75	8.207		
9/14/12 4:11	591060	9851	115.257	19.35	139.743	8.2		
9/14/12 4:26	591960	9866	115.252	19.353	139.754	8.211		
9/14/12 4:41	592860	9881	115.229	19.353	139.807	8.264		
9/14/12 4:56	593760	9896	115.24	19.353	139.783	8.24		
9/14/12 5:11	594660	9911	115.266	19.353	139.722	8.179		
9/14/12 5:26	595560	9926	115.258	19.345	139.741	8.198		
9/14/12 5:41	596460	9941	115.268	19.354	139.718	8.175		
9/14/12 5:56	597360	9956	115.255	19.354	139.747	8.204		
9/14/12 6:11	598260	9971	115.238	19.35	139.786	8.243		
9/14/12 6:26	599160	9986	115.242	19.352	139.777	8.234		
9/14/12 6:41	600060	10001	115.267	19.351	139.721	8.178		
9/14/12 6:56	600960	10016	115.219	19.352	139.83	8.287		
9/14/12 7:11	601860	10031	115.216	19.356	139.839	8.296		
9/14/12 7:26	602760	10046	115.26	19.352	139.737	8.194		
9/14/12 7:41	603660	10061	115.256	19.348	139.745	8.202		
9/14/12 7:56	604560	10076	115.222	19.35	139.824	8.281		
9/14/12 8:11	605460	10091	115.262	19.35	139.731	8.188		
9/14/12 8:26	606360	10106	115.215	19.35	139.84	8.297		
9/14/12 8:41	607260	10121	115.212	19.354	139.846	8.303		
9/14/12 8:56	608160	10136	115.252	19.353	139.756	8.213		
9/14/12 9:11	609060	10151	115.249	19.354	139.762	8.219		
9/14/12 9:26	609960	10166	115.243	19.351	139.776	8.233		
9/14/12 9:41	610860	10181	115.21	19.352	139.852	8.309		
9/14/12 9:56	611760	10196	115.244	19.357	139.773	8.23		
9/14/12 10:11	612660	10211	115.225	19.35	139.818	8.275		
9/14/12 10:26	613560	10226	115.252	19.348	139.754	8.211		
9/14/12 10:41	614460	10241	115.212	19.353	139.847	8.304		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 10:56	615360	10256	115.259	19.355	139.738	8.195		
9/14/12 11:11	616260	10271	115.248	19.353	139.764	8.221		
9/14/12 11:26	617160	10286	115.238	19.354	139.787	8.244		
9/14/12 11:41	618060	10301	115.246	19.356	139.769	8.226		
9/14/12 11:56	618960	10316	115.216	19.352	139.837	8.294		
9/14/12 12:11	619860	10331	115.214	19.354	139.843	8.3		
9/14/12 12:26	620760	10346	115.257	19.353	139.744	8.201		
9/14/12 12:41	621660	10361	115.261	19.349	139.734	8.191		
9/14/12 12:56	622560	10376	115.226	19.348	139.814	8.271		
9/14/12 13:11	623460	10391	115.248	19.351	139.763	8.22		
9/14/12 13:26	624360	10406	115.25	19.35	139.76	8.217		
9/14/12 13:41	625260	10421	115.227	19.353	139.813	8.27		
9/14/12 13:56	626160	10436	115.21	19.351	139.852	8.309		
9/14/12 14:11	627060	10451	115.23	19.354	139.805	8.262		
9/14/12 14:26	627960	10466	115.258	19.355	139.741	8.198		
9/14/12 14:41	628860	10481	115.246	19.354	139.769	8.226		
9/14/12 14:56	629760	10496	115.265	19.348	139.724	8.181		
9/14/12 15:11	630660	10511	115.245	19.354	139.771	8.228		
9/14/12 15:26	631560	10526	115.238	19.35	139.786	8.243		
9/14/12 15:41	632460	10541	115.236	19.358	139.792	8.249		
9/14/12 15:56	633360	10556	115.267	19.354	139.719	8.176		
9/14/12 16:11	634260	10571	115.244	19.356	139.774	8.231		
9/14/12 16:26	635160	10586	115.256	19.357	139.745	8.202		
9/14/12 16:41	636060	10601	115.248	19.354	139.764	8.221		
9/14/12 16:56	636960	10616	115.229	19.349	139.807	8.264		
9/14/12 17:11	637860	10631	115.269	19.35	139.716	8.173		
9/14/12 17:26	638760	10646	115.264	19.353	139.728	8.185		
9/14/12 17:41	639660	10661	115.251	19.354	139.757	8.214		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 17:56	640560	10676	115.25	19.352	139.76	8.217		
9/14/12 18:11	641460	10691	115.252	19.357	139.754	8.211		
9/14/12 18:26	642360	10706	115.262	19.354	139.732	8.189		
9/14/12 18:41	643260	10721	115.229	19.357	139.807	8.264		
9/14/12 18:56	644160	10736	115.263	19.354	139.73	8.187		
9/14/12 19:11	645060	10751	115.272	19.348	139.708	8.165		
9/14/12 19:26	645960	10766	115.216	19.348	139.837	8.294		
9/14/12 19:41	646860	10781	115.251	19.346	139.757	8.214		
9/14/12 19:56	647760	10796	115.242	19.352	139.779	8.236		
9/14/12 20:11	648660	10811	115.257	19.358	139.743	8.2		
9/14/12 20:26	649560	10826	115.225	19.35	139.817	8.274		
9/14/12 20:41	650460	10841	115.204	19.351	139.866	8.323		
9/14/12 20:56	651360	10856	115.232	19.354	139.801	8.258		
9/14/12 21:11	652260	10871	115.255	19.353	139.747	8.204		
9/14/12 21:26	653160	10886	115.209	19.355	139.855	8.312		
9/14/12 21:41	654060	10901	115.262	19.352	139.731	8.188		
9/14/12 21:56	654960	10916	115.218	19.352	139.833	8.29		
9/14/12 22:11	655860	10931	115.253	19.353	139.752	8.209		
9/14/12 22:26	656760	10946	115.237	19.355	139.789	8.246		
9/14/12 22:41	657660	10961	115.222	19.352	139.823	8.28		
9/14/12 22:56	658560	10976	115.252	19.357	139.756	8.213		
9/14/12 23:11	659460	10991	115.2	19.354	139.875	8.332		
9/14/12 23:26	660360	11006	115.229	19.358	139.808	8.265		
9/14/12 23:41	661260	11021	115.237	19.356	139.789	8.246		
9/14/12 23:56	662160	11036	115.24	19.357	139.783	8.24		
9/15/12 0:11	663060	11051	115.25	19.355	139.76	8.217		
9/15/12 0:26	663960	11066	115.246	19.355	139.767	8.224		
9/15/12 0:41	664860	11081	115.204	19.356	139.866	8.323		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 0:56	665760	11096	115.24	19.354	139.782	8.239		
9/15/12 1:11	666660	11111	115.238	19.362	139.786	8.243		
9/15/12 1:26	667560	11126	115.242	19.362	139.777	8.234		
9/15/12 1:41	668460	11141	115.242	19.358	139.779	8.236		
9/15/12 1:56	669360	11156	115.247	19.359	139.766	8.223		
9/15/12 2:11	670260	11171	115.228	19.355	139.809	8.266		
9/15/12 2:26	671160	11186	115.227	19.358	139.814	8.271		
9/15/12 2:41	672060	11201	115.24	19.363	139.782	8.239		
9/15/12 2:56	672960	11216	115.238	19.36	139.786	8.243		
9/15/12 3:11	673860	11231	115.239	19.36	139.785	8.242		
9/15/12 3:26	674760	11246	115.248	19.357	139.764	8.221		
9/15/12 3:41	675660	11261	115.246	19.361	139.767	8.224		
9/15/12 3:56	676560	11276	115.236	19.355	139.792	8.249		
9/15/12 4:11	677460	11291	115.255	19.36	139.747	8.204		
9/15/12 4:26	678360	11306	115.211	19.356	139.85	8.307		
9/15/12 4:41	679260	11321	115.246	19.357	139.769	8.226		
9/15/12 4:56	680160	11336	115.254	19.359	139.751	8.208		
9/15/12 5:11	681060	11351	115.224	19.362	139.82	8.277		
9/15/12 5:26	681960	11366	115.243	19.36	139.774	8.231		
9/15/12 5:41	682860	11381	115.206	19.353	139.862	8.319		
9/15/12 5:56	683760	11396	115.247	19.358	139.766	8.223		
9/15/12 6:11	684660	11411	115.225	19.361	139.816	8.273		
9/15/12 6:26	685560	11426	115.255	19.359	139.748	8.205		
9/15/12 6:41	686460	11441	115.234	19.362	139.796	8.253		
9/15/12 6:56	687360	11456	115.244	19.354	139.773	8.23		
9/15/12 7:11	688260	11471	115.243	19.359	139.774	8.231		
9/15/12 7:26	689160	11486	115.236	19.362	139.792	8.249		
9/15/12 7:41	690060	11501	115.237	19.361	139.789	8.246		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 7:56	690960	11516	115.232	19.358	139.801	8.258		
9/15/12 8:11	691860	11531	115.242	19.361	139.779	8.236		
9/15/12 8:26	692760	11546	115.202	19.359	139.869	8.326		
9/15/12 8:41	693660	11561	115.221	19.354	139.827	8.284		
9/15/12 8:56	694560	11576	115.208	19.36	139.856	8.313		
9/15/12 9:11	695460	11591	115.197	19.356	139.882	8.339		
9/15/12 9:26	696360	11606	115.234	19.36	139.796	8.253		
9/15/12 9:41	697260	11621	115.227	19.358	139.814	8.271		
9/15/12 9:56	698160	11636	115.235	19.358	139.795	8.252		
9/15/12 10:11	699060	11651	115.204	19.358	139.865	8.322		
9/15/12 10:26	699960	11666	115.232	19.355	139.801	8.258		
9/15/12 10:41	700860	11681	115.206	19.359	139.86	8.317		
9/15/12 10:56	701760	11696	115.237	19.358	139.79	8.247		
9/15/12 11:11	702660	11711	115.235	19.356	139.794	8.251		
9/15/12 11:26	703560	11726	115.236	19.348	139.792	8.249		
9/15/12 11:41	704460	11741	115.235	19.349	139.794	8.251		
9/15/12 11:56	705360	11756	115.217	19.348	139.835	8.292		
9/15/12 12:11	706260	11771	115.236	19.349	139.792	8.249		
9/15/12 12:26	707160	11786	115.199	19.348	139.878	8.335		
9/15/12 12:41	708060	11801	115.19	19.348	139.898	8.355		
9/15/12 12:56	708960	11816	115.228	19.348	139.811	8.268		
9/15/12 13:11	709860	11831	115.248	19.348	139.763	8.22		
9/15/12 13:26	710760	11846	115.22	19.348	139.829	8.286		
9/15/12 13:41	711660	11861	115.21	19.349	139.852	8.309		
9/15/12 13:56	712560	11876	115.245	19.35	139.771	8.228		
9/15/12 14:11	713460	11891	115.242	19.353	139.777	8.234		
9/15/12 14:26	714360	11906	115.225	19.348	139.818	8.275		
9/15/12 14:41	715260	11921	115.253	19.35	139.752	8.209		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 14:56	716160	11936	115.216	19.348	139.837	8.294		
9/15/12 15:11	717060	11951	115.247	19.35	139.766	8.223		
9/15/12 15:26	717960	11966	115.248	19.355	139.764	8.221		
9/15/12 15:41	718860	11981	115.259	19.348	139.738	8.195		
9/15/12 15:56	719760	11996	115.216	19.345	139.837	8.294		
9/15/12 16:11	720660	12011	115.255	19.345	139.748	8.205		
9/15/12 16:26	721560	12026	115.249	19.352	139.762	8.219		
9/15/12 16:41	722460	12041	115.26	19.344	139.737	8.194		
9/15/12 16:56	723360	12056	115.211	19.352	139.849	8.306		
9/15/12 17:11	724260	12071	115.219	19.351	139.831	8.288		
9/15/12 17:26	725160	12086	115.203	19.354	139.868	8.325		
9/15/12 17:41	726060	12101	115.235	19.356	139.795	8.252		
9/15/12 17:56	726960	12116	115.206	19.353	139.862	8.319		
9/15/12 18:11	727860	12131	115.224	19.349	139.82	8.277		
9/15/12 18:26	728760	12146	115.26	19.345	139.737	8.194		
9/15/12 18:41	729660	12161	115.243	19.349	139.776	8.233		
9/15/12 18:56	730560	12176	115.2	19.347	139.875	8.332		
9/15/12 19:11	731460	12191	115.253	19.349	139.752	8.209		
9/15/12 19:26	732360	12206	115.252	19.351	139.756	8.213		
9/15/12 19:41	733260	12221	115.254	19.349	139.75	8.207		
9/15/12 19:56	734160	12236	115.235	19.35	139.795	8.252		
9/15/12 20:11	735060	12251	115.204	19.348	139.866	8.323		
9/15/12 20:26	735960	12266	115.214	19.346	139.842	8.299		
9/15/12 20:41	736860	12281	115.242	19.351	139.777	8.234		
9/15/12 20:56	737760	12296	115.235	19.351	139.794	8.251		
9/15/12 21:11	738660	12311	115.242	19.35	139.779	8.236		
9/15/12 21:26	739560	12326	115.244	19.35	139.773	8.23		
9/15/12 21:41	740460	12341	115.238	19.35	139.786	8.243		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 21:56	741360	12356	115.245	19.353	139.77	8.227		
9/15/12 22:11	742260	12371	115.227	19.354	139.812	8.269		
9/15/12 22:26	743160	12386	115.204	19.347	139.866	8.323		
9/15/12 22:41	744060	12401	115.201	19.35	139.873	8.33		
9/15/12 22:56	744960	12416	115.206	19.351	139.86	8.317		
9/15/12 23:11	745860	12431	115.233	19.351	139.799	8.256		
9/15/12 23:26	746760	12446	115.24	19.349	139.782	8.239		
9/15/12 23:41	747660	12461	115.201	19.347	139.872	8.329		
9/15/12 23:56	748560	12476	115.23	19.351	139.806	8.263		
9/16/12 0:11	749460	12491	115.204	19.35	139.865	8.322		
9/16/12 0:26	750360	12506	115.195	19.35	139.885	8.342		
9/16/12 0:41	751260	12521	115.23	19.349	139.806	8.263		
9/16/12 0:56	752160	12536	115.225	19.347	139.818	8.275		
9/16/12 1:11	753060	12551	115.24	19.346	139.782	8.239		
9/16/12 1:26	753960	12566	115.223	19.354	139.822	8.279		
9/16/12 1:41	754860	12581	115.194	19.354	139.888	8.345		
9/16/12 1:56	755760	12596	115.242	19.349	139.779	8.236		
9/16/12 2:11	756660	12611	115.222	19.353	139.823	8.28		
9/16/12 2:26	757560	12626	115.228	19.351	139.811	8.268		
9/16/12 2:41	758460	12641	115.242	19.345	139.777	8.234		
9/16/12 2:56	759360	12656	115.186	19.353	139.907	8.364		
9/16/12 3:11	760260	12671	115.199	19.349	139.878	8.335		
9/16/12 3:26	761160	12686	115.219	19.348	139.831	8.288		
9/16/12 3:41	762060	12701	115.208	19.348	139.856	8.313		
9/16/12 3:56	762960	12716	115.24	19.351	139.783	8.24		
9/16/12 4:11	763860	12731	115.229	19.353	139.808	8.265		
9/16/12 4:26	764760	12746	115.235	19.352	139.795	8.252		
9/16/12 4:41	765660	12761	115.249	19.344	139.762	8.219		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 4:56	766560	12776	115.24	19.349	139.782	8.239		
9/16/12 5:11	767460	12791	115.24	19.357	139.782	8.239		
9/16/12 5:26	768360	12806	115.242	19.346	139.777	8.234		
9/16/12 5:41	769260	12821	115.207	19.354	139.857	8.314		
9/16/12 5:56	770160	12836	115.218	19.353	139.834	8.291		
9/16/12 6:11	771060	12851	115.208	19.35	139.856	8.313		
9/16/12 6:26	771960	12866	115.237	19.348	139.79	8.247		
9/16/12 6:41	772860	12881	115.248	19.35	139.764	8.221		
9/16/12 6:56	773760	12896	115.239	19.351	139.785	8.242		
9/16/12 7:11	774660	12911	115.23	19.348	139.805	8.262		
9/16/12 7:26	775560	12926	115.219	19.353	139.83	8.287		
9/16/12 7:41	776460	12941	115.172	19.346	139.939	8.396		
9/16/12 7:56	777360	12956	115.195	19.348	139.885	8.342		
9/16/12 8:11	778260	12971	115.222	19.35	139.824	8.281		
9/16/12 8:26	779160	12986	115.23	19.346	139.806	8.263		
9/16/12 8:41	780060	13001	115.201	19.349	139.872	8.329		
9/16/12 8:56	780960	13016	115.23	19.348	139.805	8.262		
9/16/12 9:11	781860	13031	115.221	19.349	139.827	8.284		
9/16/12 9:26	782760	13046	115.23	19.349	139.806	8.263		
9/16/12 9:41	783660	13061	115.2	19.346	139.875	8.332		
9/16/12 9:56	784560	13076	115.182	19.346	139.917	8.374		
9/16/12 10:11	785460	13091	115.201	19.35	139.873	8.33		
9/16/12 10:26	786360	13106	115.221	19.346	139.825	8.282		
9/16/12 10:41	787260	13121	115.24	19.346	139.782	8.239		
9/16/12 10:56	788160	13136	115.228	19.357	139.809	8.266		
9/16/12 11:11	789060	13151	115.226	19.353	139.815	8.272		
9/16/12 11:26	789960	13166	115.234	19.351	139.796	8.253		
9/16/12 11:41	790860	13181	115.226	19.349	139.815	8.272		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 11:56	791760	13196	115.197	19.352	139.882	8.339		
9/16/12 12:11	792660	13211	115.233	19.348	139.799	8.256		
9/16/12 12:26	793560	13226	115.192	19.35	139.894	8.351		
9/16/12 12:41	794460	13241	115.201	19.342	139.872	8.329		
9/16/12 12:56	795360	13256	115.232	19.348	139.801	8.258		
9/16/12 13:11	796260	13271	115.24	19.346	139.782	8.239		
9/16/12 13:26	797160	13286	115.227	19.349	139.812	8.269		
9/16/12 13:41	798060	13301	115.23	19.344	139.806	8.263		
9/16/12 13:56	798960	13316	115.224	19.35	139.819	8.276		
9/16/12 14:11	799860	13331	115.228	19.354	139.809	8.266		
9/16/12 14:26	800760	13346	115.237	19.348	139.789	8.246		
9/16/12 14:41	801660	13361	115.242	19.35	139.777	8.234		
9/16/12 14:56	802560	13376	115.244	19.348	139.773	8.23		
9/16/12 15:11	803460	13391	115.237	19.347	139.79	8.247		
9/16/12 15:26	804360	13406	115.242	19.346	139.777	8.234		
9/16/12 15:41	805260	13421	115.229	19.344	139.808	8.265		
9/16/12 15:56	806160	13436	115.199	19.348	139.876	8.333		
9/16/12 16:11	807060	13451	115.214	19.354	139.842	8.299		
9/16/12 16:26	807960	13466	115.228	19.345	139.809	8.266		
9/16/12 16:41	808860	13481	115.205	19.346	139.863	8.32		
9/16/12 16:56	809760	13496	115.243	19.344	139.776	8.233		
9/16/12 17:11	810660	13511	115.216	19.347	139.839	8.296		
9/16/12 17:26	811560	13526	115.211	19.349	139.849	8.306		
9/16/12 17:41	812460	13541	115.232	19.346	139.801	8.258		
9/16/12 17:56	813360	13556	115.204	19.351	139.866	8.323		
9/16/12 18:11	814260	13571	115.205	19.351	139.863	8.32		
9/16/12 18:26	815160	13586	115.211	19.349	139.849	8.306		
9/16/12 18:41	816060	13601	115.238	19.35	139.787	8.244		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 18:56	816960	13616	115.228	19.347	139.809	8.266		
9/16/12 19:11	817860	13631	115.203	19.344	139.868	8.325		
9/16/12 19:26	818760	13646	115.225	19.347	139.816	8.273		
9/16/12 19:41	819660	13661	115.199	19.349	139.878	8.335		
9/16/12 19:56	820560	13676	115.242	19.352	139.779	8.236		
9/16/12 20:11	821460	13691	115.21	19.349	139.852	8.309		
9/16/12 20:26	822360	13706	115.194	19.353	139.889	8.346		
9/16/12 20:41	823260	13721	115.209	19.353	139.855	8.312		
9/16/12 20:56	824160	13736	115.197	19.354	139.882	8.339		
9/16/12 21:11	825060	13751	115.228	19.351	139.811	8.268		
9/16/12 21:26	825960	13766	115.208	19.343	139.856	8.313		
9/16/12 21:41	826860	13781	115.203	19.349	139.868	8.325		
9/16/12 21:56	827760	13796	115.196	19.344	139.884	8.341		
9/16/12 22:11	828660	13811	115.195	19.352	139.887	8.344		
9/16/12 22:26	829560	13826	115.221	19.351	139.827	8.284		
9/16/12 22:41	830460	13841	115.23	19.352	139.805	8.262		
9/16/12 22:56	831360	13856	115.193	19.349	139.891	8.348		
9/16/12 23:11	832260	13871	115.199	19.346	139.878	8.335		
9/16/12 23:26	833160	13886	115.226	19.349	139.815	8.272		
9/16/12 23:41	834060	13901	115.221	19.348	139.825	8.282		
9/16/12 23:56	834960	13916	115.209	19.352	139.855	8.312		
9/17/12 0:11	835860	13931	115.233	19.352	139.798	8.255		
9/17/12 0:26	836760	13946	115.201	19.346	139.873	8.33		
9/17/12 0:41	837660	13961	115.211	19.352	139.848	8.305		
9/17/12 0:56	838560	13976	115.223	19.353	139.822	8.279		
9/17/12 1:11	839460	13991	115.196	19.349	139.884	8.341		
9/17/12 1:26	840360	14006	115.226	19.349	139.815	8.272		
9/17/12 1:41	841260	14021	115.213	19.348	139.844	8.301		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 1:56	842160	14036	115.229	19.353	139.808	8.265		
9/17/12 2:11	843060	14051	115.227	19.347	139.814	8.271		
9/17/12 2:26	843960	14066	115.195	19.343	139.887	8.344		
9/17/12 2:41	844860	14081	115.22	19.346	139.828	8.285		
9/17/12 2:56	845760	14096	115.193	19.349	139.891	8.348		
9/17/12 3:11	846660	14111	115.193	19.348	139.891	8.348		
9/17/12 3:26	847560	14126	115.222	19.35	139.824	8.281		
9/17/12 3:41	848460	14141	115.206	19.346	139.86	8.317		
9/17/12 3:56	849360	14156	115.19	19.346	139.898	8.355		
9/17/12 4:11	850260	14171	115.199	19.349	139.878	8.335		
9/17/12 4:26	851160	14186	115.23	19.346	139.806	8.263		
9/17/12 4:41	852060	14201	115.188	19.348	139.903	8.36		
9/17/12 4:56	852960	14216	115.227	19.349	139.814	8.271		
9/17/12 5:11	853860	14231	115.24	19.347	139.783	8.24		
9/17/12 5:26	854760	14246	115.2	19.35	139.875	8.332		
9/17/12 5:41	855660	14261	115.205	19.349	139.863	8.32		
9/17/12 5:56	856560	14276	115.204	19.349	139.866	8.323		
9/17/12 6:11	857460	14291	115.225	19.355	139.816	8.273		
9/17/12 6:26	858360	14306	115.201	19.346	139.873	8.33		
9/17/12 6:41	859260	14321	115.197	19.351	139.881	8.338		
9/17/12 6:56	860160	14336	115.21	19.348	139.851	8.308		
9/17/12 7:11	861060	14351	115.214	19.352	139.843	8.3		
9/17/12 7:26	861960	14366	115.23	19.349	139.806	8.263		
9/17/12 7:41	862860	14381	115.218	19.35	139.834	8.291		
9/17/12 7:56	863760	14396	115.2	19.35	139.875	8.332		
9/17/12 8:11	864660	14411	115.19	19.352	139.898	8.355		
9/17/12 8:26	865560	14426	115.229	19.354	139.808	8.265		
9/17/12 8:41	866460	14441	115.19	19.348	139.898	8.355		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 8:56	867360	14456	115.187	19.35	139.904	8.361		
9/17/12 9:11	868260	14471	115.224	19.346	139.819	8.276		
9/17/12 9:26	869160	14486	115.223	19.352	139.821	8.278		
9/17/12 9:41	870060	14501	115.223	19.348	139.821	8.278		
9/17/12 9:56	870960	14516	115.216	19.348	139.838	8.295		
9/17/12 10:11	871860	14531	115.23	19.352	139.805	8.262		
9/17/12 10:26	872760	14546	115.213	19.363	139.845	8.302		
9/17/12 10:41	873660	14561	115.223	19.349	139.822	8.279		
9/17/12 10:56	874560	14576	115.229	19.351	139.808	8.265		
9/17/12 11:11	875460	14591	115.218	19.355	139.834	8.291		
9/17/12 11:26	876360	14606	115.215	19.349	139.841	8.298		
9/17/12 11:41	877260	14621	115.223	19.35	139.822	8.279		
9/17/12 11:56	878160	14636	115.221	19.354	139.825	8.282		
9/17/12 12:11	879060	14651	115.223	19.346	139.822	8.279		
9/17/12 12:26	879960	14666	115.225	19.347	139.818	8.275		
9/17/12 12:41	880860	14681	115.193	19.343	139.891	8.348		
9/17/12 12:56	881760	14696	115.237	19.349	139.789	8.246		
9/17/12 13:11	882660	14711	115.224	19.343	139.819	8.276		
9/17/12 13:26	883560	14726	115.22	19.353	139.83	8.287		
9/17/12 13:41	884460	14741	115.235	19.348	139.794	8.251		
9/17/12 13:56	885360	14756	115.187	19.35	139.905	8.362		
9/17/12 14:11	886260	14771	115.221	19.351	139.827	8.284		
9/17/12 14:15						8.24	139.78	
9/17/12 14:26	887160	14786	115.219	19.349	139.831	8.288		
9/17/12 14:41	888060	14801	115.215	19.343	139.841	8.298		
9/17/12 14:56	888960	14816	115.22	19.348	139.83	8.287		
9/17/12 15:11	889860	14831	115.225	19.35	139.818	8.275		
9/17/12 15:26	890760	14846	115.225	19.35	139.816	8.273		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 15:41	891660	14861	115.226	19.353	139.815	8.272		
9/17/12 15:56	892560	14876	115.211	19.348	139.85	8.307		
9/17/12 16:11	893460	14891	115.226	19.348	139.815	8.272		
9/17/12 16:26	894360	14906	115.223	19.346	139.821	8.278		
9/17/12 16:41	895260	14921	115.223	19.344	139.821	8.278		
9/17/12 16:56	896160	14936	115.192	19.352	139.894	8.351		
9/17/12 17:11	897060	14951	115.209	19.348	139.855	8.312		
9/17/12 17:26	897960	14966	115.237	19.356	139.79	8.247		
9/17/12 17:41	898860	14981	115.22	19.356	139.83	8.287		
9/17/12 17:56	899760	14996	115.189	19.351	139.901	8.358		
9/17/12 18:11	900660	15011	115.226	19.347	139.815	8.272		
9/17/12 18:26	901560	15026	115.222	19.346	139.824	8.281		
9/17/12 18:41	902460	15041	115.205	19.347	139.863	8.32		
9/17/12 18:56	903360	15056	115.218	19.349	139.832	8.289		
9/17/12 19:11	904260	15071	115.23	19.343	139.805	8.262		
9/17/12 19:26	905160	15086	115.218	19.346	139.832	8.289		
9/17/12 19:41	906060	15101	115.218	19.355	139.834	8.291		
9/17/12 19:56	906960	15116	115.222	19.357	139.824	8.281		
9/17/12 20:11	907860	15131	115.221	19.35	139.827	8.284		
9/17/12 20:26	908760	15146	115.219	19.349	139.831	8.288		
9/17/12 20:41	909660	15161	115.202	19.355	139.871	8.328		
9/17/12 20:56	910560	15176	115.215	19.349	139.839	8.296		
9/17/12 21:11	911460	15191	115.229	19.353	139.808	8.265		
9/17/12 21:26	912360	15206	115.208	19.348	139.857	8.314		
9/17/12 21:41	913260	15221	115.192	19.353	139.892	8.349		
9/17/12 21:56	914160	15236	115.216	19.352	139.838	8.295		
9/17/12 22:11	915060	15251	115.219	19.354	139.831	8.288		
9/17/12 22:26	915960	15266	115.203	19.353	139.867	8.324		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 22:41	916860	15281	115.216	19.348	139.837	8.294		
9/17/12 22:56	917760	15296	115.189	19.351	139.901	8.358		
9/17/12 23:11	918660	15311	115.203	19.351	139.867	8.324		
9/17/12 23:26	919560	15326	115.207	19.358	139.859	8.316		
9/17/12 23:41	920460	15341	115.226	19.346	139.815	8.272		
9/17/12 23:56	921360	15356	115.218	19.344	139.834	8.291		
9/18/12 0:11	922260	15371	115.201	19.348	139.873	8.33		
9/18/12 0:26	923160	15386	115.199	19.35	139.877	8.334		
9/18/12 0:41	924060	15401	115.213	19.351	139.845	8.302		
9/18/12 0:56	924960	15416	115.191	19.345	139.895	8.352		
9/18/12 1:11	925860	15431	115.224	19.345	139.819	8.276		
9/18/12 1:26	926760	15446	115.203	19.352	139.867	8.324		
9/18/12 1:41	927660	15461	115.208	19.349	139.857	8.314		
9/18/12 1:56	928560	15476	115.204	19.346	139.866	8.323		
9/18/12 2:11	929460	15491	115.203	19.348	139.869	8.326		
9/18/12 2:26	930360	15506	115.213	19.354	139.845	8.302		
9/18/12 2:41	931260	15521	115.165	19.353	139.956	8.413		
9/18/12 2:56	932160	15536	115.213	19.346	139.845	8.302		
9/18/12 3:11	933060	15551	115.199	19.354	139.877	8.334		
9/18/12 3:26	933960	15566	115.194	19.355	139.889	8.346		
9/18/12 3:41	934860	15581	115.211	19.354	139.848	8.305		
9/18/12 3:56	935760	15596	115.22	19.348	139.828	8.285		
9/18/12 4:11	936660	15611	115.216	19.345	139.837	8.294		
9/18/12 4:26	937560	15626	115.198	19.346	139.879	8.336		
9/18/12 4:41	938460	15641	115.2	19.352	139.875	8.332		
9/18/12 4:56	939360	15656	115.165	19.346	139.956	8.413		
9/18/12 5:11	940260	15671	115.2	19.352	139.876	8.333		
9/18/12 5:26	941160	15686	115.208	19.348	139.856	8.313		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 5:41	942060	15701	115.209	19.345	139.853	8.31		
9/18/12 5:56	942960	15716	115.205	19.353	139.863	8.32		
9/18/12 6:11	943860	15731	115.215	19.352	139.841	8.298		
9/18/12 6:26	944760	15746	115.211	19.347	139.85	8.307		
9/18/12 6:41	945660	15761	115.183	19.349	139.914	8.371		
9/18/12 6:56	946560	15776	115.196	19.35	139.885	8.342		
9/18/12 7:11	947460	15791	115.222	19.35	139.824	8.281		
9/18/12 7:26	948360	15806	115.199	19.346	139.877	8.334		
9/18/12 7:41	949260	15821	115.213	19.351	139.845	8.302		
9/18/12 7:56	950160	15836	115.2	19.348	139.876	8.333		
9/18/12 8:11	951060	15851	115.172	19.351	139.941	8.398		
9/18/12 8:26	951960	15866	115.196	19.357	139.883	8.34		
9/18/12 8:41	952860	15881	115.198	19.348	139.879	8.336		
9/18/12 8:56	953760	15896	115.219	19.353	139.831	8.288		
9/18/12 9:11	954660	15911	115.209	19.34	139.853	8.31		
9/18/12 9:26	955560	15926	115.209	19.349	139.854	8.311		
9/18/12 9:41	956460	15941	115.198	19.355	139.879	8.336		
9/18/12 9:56	957360	15956	115.206	19.354	139.861	8.318		
9/18/12 10:11	958260	15971	115.215	19.349	139.839	8.296		
9/18/12 10:26	959160	15986	115.204	19.343	139.866	8.323		
9/18/12 10:41	960060	16001	115.201	19.343	139.873	8.33		
9/18/12 10:56	960960	16016	115.21	19.351	139.851	8.308		
9/18/12 11:11	961860	16031	115.21	19.351	139.851	8.308		
9/18/12 11:26	962760	16046	115.173	19.347	139.936	8.393		
9/18/12 11:41	963660	16061	115.185	19.352	139.909	8.366		
9/18/12 11:56	964560	16076	115.21	19.353	139.851	8.308		
9/18/12 12:11	965460	16091	115.173	19.349	139.936	8.393		
9/18/12 12:26	966360	16106	115.188	19.347	139.904	8.361		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 12:41	967260	16121	115.203	19.351	139.869	8.326		
9/18/12 12:56	968160	16136	115.167	19.349	139.95	8.407		
9/18/12 13:11	969060	16151	115.221	19.35	139.827	8.284		
9/18/12 13:26	969960	16166	115.213	19.349	139.844	8.301		
9/18/12 13:41	970860	16181	115.206	19.348	139.86	8.317		
9/18/12 13:56	971760	16196	115.201	19.345	139.872	8.329		
9/18/12 14:11	972660	16211	115.214	19.349	139.843	8.3		
9/18/12 14:26	973560	16226	115.209	19.342	139.853	8.31		
9/18/12 14:41	974460	16241	115.205	19.345	139.863	8.32		
9/18/12 14:56	975360	16256	115.208	19.347	139.857	8.314		
9/18/12 15:11	976260	16271	115.211	19.348	139.85	8.307		
9/18/12 15:26	977160	16286	115.218	19.35	139.832	8.289		
9/18/12 15:41	978060	16301	115.185	19.349	139.909	8.366		
9/18/12 15:56	978960	16316	115.209	19.353	139.853	8.31		
9/18/12 16:11	979860	16331	115.181	19.347	139.918	8.375		
9/18/12 16:26	980760	16346	115.21	19.352	139.851	8.308		
9/18/12 16:41	981660	16361	115.189	19.351	139.901	8.358		
9/18/12 16:56	982560	16376	115.209	19.352	139.854	8.311		
9/18/12 17:11	983460	16391	115.223	19.353	139.822	8.279		
9/18/12 17:26	984360	16406	115.218	19.345	139.832	8.289		
9/18/12 17:41	985260	16421	115.206	19.349	139.861	8.318		
9/18/12 17:56	986160	16436	115.215	19.353	139.839	8.296		
9/18/12 18:11	987060	16451	115.203	19.354	139.867	8.324		
9/18/12 18:26	987960	16466	115.205	19.358	139.863	8.32		
9/18/12 18:41	988860	16481	115.206	19.352	139.861	8.318		
9/18/12 18:56	989760	16496	115.208	19.346	139.856	8.313		
9/18/12 19:11	990660	16511	115.214	19.352	139.843	8.3		
9/18/12 19:26	991560	16526	115.187	19.353	139.905	8.362		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 19:41	992460	16541	115.202	19.348	139.87	8.327		
9/18/12 19:56	993360	16556	115.201	19.347	139.873	8.33		
9/18/12 20:11	994260	16571	115.221	19.349	139.827	8.284		
9/18/12 20:26	995160	16586	115.209	19.34	139.854	8.311		
9/18/12 20:41	996060	16601	115.194	19.347	139.889	8.346		
9/18/12 20:56	996960	16616	115.19	19.348	139.898	8.355		
9/18/12 21:11	997860	16631	115.184	19.346	139.911	8.368		
9/18/12 21:26	998760	16646	115.176	19.354	139.93	8.387		
9/18/12 21:41	999660	16661	115.209	19.345	139.853	8.31		
9/18/12 21:56	1000560	16676	115.173	19.343	139.936	8.393		
9/18/12 22:11	1001460	16691	115.201	19.352	139.873	8.33		
9/18/12 22:26	1002360	16706	115.2	19.35	139.875	8.332		
9/18/12 22:41	1003260	16721	115.194	19.347	139.887	8.344		
9/18/12 22:56	1004160	16736	115.211	19.348	139.848	8.305		
9/18/12 23:11	1005060	16751	115.184	19.354	139.911	8.368		
9/18/12 23:26	1005960	16766	115.201	19.356	139.872	8.329		
9/18/12 23:41	1006860	16781	115.163	19.354	139.959	8.416		
9/18/12 23:56	1007760	16796	115.187	19.354	139.905	8.362		
9/19/12 0:11	1008660	16811	115.19	19.345	139.898	8.355		
9/19/12 0:26	1009560	16826	115.206	19.351	139.861	8.318		
9/19/12 0:41	1010460	16841	115.192	19.346	139.893	8.35		
9/19/12 0:56	1011360	16856	115.199	19.344	139.877	8.334		
9/19/12 1:11	1012260	16871	115.173	19.343	139.937	8.394		
9/19/12 1:26	1013160	16886	115.207	19.354	139.859	8.316		
9/19/12 1:41	1014060	16901	115.181	19.347	139.918	8.375		
9/19/12 1:56	1014960	16916	115.203	19.354	139.869	8.326		
9/19/12 2:11	1015860	16931	115.191	19.354	139.896	8.353		
9/19/12 2:26	1016760	16946	115.199	19.344	139.877	8.334		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 2:41	1017660	16961	115.196	19.349	139.883	8.34		
9/19/12 2:56	1018560	16976	115.193	19.349	139.892	8.349		
9/19/12 3:11	1019460	16991	115.163	19.35	139.959	8.416		
9/19/12 3:26	1020360	17006	115.193	19.346	139.892	8.349		
9/19/12 3:41	1021260	17021	115.158	19.354	139.971	8.428		
9/19/12 3:56	1022160	17036	115.209	19.348	139.853	8.31		
9/19/12 4:11	1023060	17051	115.191	19.348	139.895	8.352		
9/19/12 4:26	1023960	17066	115.168	19.352	139.949	8.406		
9/19/12 4:41	1024860	17081	115.158	19.345	139.972	8.429		
9/19/12 4:56	1025760	17096	115.199	19.343	139.877	8.334		
9/19/12 5:11	1026660	17111	115.201	19.35	139.873	8.33		
9/19/12 5:26	1027560	17126	115.207	19.348	139.859	8.316		
9/19/12 5:41	1028460	17141	115.163	19.347	139.961	8.418		
9/19/12 5:56	1029360	17156	115.2	19.349	139.875	8.332		
9/19/12 6:11	1030260	17171	115.2	19.345	139.876	8.333		
9/19/12 6:26	1031160	17186	115.197	19.348	139.882	8.339		
9/19/12 6:41	1032060	17201	115.205	19.353	139.864	8.321		
9/19/12 6:56	1032960	17216	115.203	19.345	139.869	8.326		
9/19/12 7:11	1033860	17231	115.194	19.349	139.887	8.344		
9/19/12 7:26	1034760	17246	115.201	19.343	139.873	8.33		
9/19/12 7:41	1035660	17261	115.194	19.345	139.889	8.346		
9/19/12 7:56	1036560	17276	115.198	19.352	139.879	8.336		
9/19/12 8:11	1037460	17291	115.194	19.355	139.887	8.344		
9/19/12 8:26	1038360	17306	115.203	19.347	139.867	8.324		
9/19/12 8:41	1039260	17321	115.189	19.356	139.899	8.356		
9/19/12 8:56	1040160	17336	115.185	19.352	139.909	8.366		
9/19/12 9:11	1041060	17351	115.199	19.345	139.877	8.334		
9/19/12 9:26	1041960	17366	115.198	19.35	139.88	8.337		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 9:41	1042860	17381	115.19	19.351	139.898	8.355		
9/19/12 9:56	1043760	17396	115.2	19.354	139.875	8.332		
9/19/12 10:11	1044660	17411	115.194	19.348	139.889	8.346		
9/19/12 10:26	1045560	17426	115.198	19.356	139.879	8.336		
9/19/12 10:41	1046460	17441	115.197	19.353	139.882	8.339		
9/19/12 10:56	1047360	17456	115.158	19.353	139.971	8.428		
9/19/12 11:11	1048260	17471	115.191	19.343	139.896	8.353		
9/19/12 11:26	1049160	17486	115.17	19.354	139.943	8.4		
9/19/12 11:41	1050060	17501	115.196	19.347	139.885	8.342		
9/19/12 11:56	1050960	17516	115.195	19.349	139.886	8.343		
9/19/12 12:11	1051860	17531	115.193	19.347	139.89	8.347		
9/19/12 12:26	1052760	17546	115.199	19.351	139.877	8.334		
9/19/12 12:41	1053660	17561	115.216	19.348	139.837	8.294		
9/19/12 12:45						8.29	139.83	
9/19/12 12:56	1054560	17576	115.205	19.348	139.863	8.32		
9/19/12 13:11	1055460	17591	115.199	19.349	139.877	8.334		
9/19/12 13:26	1056360	17606	115.18	19.351	139.921	8.378		
9/19/12 13:41	1057260	17621	115.209	19.344	139.854	8.311		
9/19/12 13:56	1058160	17636	115.187	19.351	139.905	8.362		
9/19/12 14:11	1059060	17651	115.184	19.351	139.911	8.368		
9/19/12 14:26	1059960	17666	115.206	19.347	139.86	8.317		
9/19/12 14:41	1060860	17681	115.211	19.353	139.848	8.305		
9/19/12 14:56	1061760	17696	115.177	19.344	139.929	8.386		
9/19/12 15:11	1062660	17711	115.191	19.354	139.895	8.352		
9/19/12 15:26	1063560	17726	115.208	19.354	139.857	8.314		
9/19/12 15:41	1064460	17741	115.215	19.346	139.839	8.296		
9/19/12 15:56	1065360	17756	115.189	19.347	139.899	8.356		
9/19/12 16:11	1066260	17771	115.191	19.355	139.896	8.353		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 16:26	1067160	17786	115.204	19.35	139.866	8.323		
9/19/12 16:41	1068060	17801	115.2	19.353	139.876	8.333		
9/19/12 16:56	1068960	17816	115.189	19.349	139.901	8.358		
9/19/12 17:11	1069860	17831	115.171	19.35	139.942	8.399		
9/19/12 17:26	1070760	17846	115.216	19.353	139.838	8.295		
9/19/12 17:41	1071660	17861	115.202	19.353	139.87	8.327		
9/19/12 17:56	1072560	17876	115.194	19.353	139.889	8.346		
9/19/12 18:11	1073460	17891	115.204	19.35	139.866	8.323		
9/19/12 18:26	1074360	17906	115.174	19.353	139.936	8.393		
9/19/12 18:41	1075260	17921	115.175	19.347	139.932	8.389		
9/19/12 18:56	1076160	17936	115.165	19.351	139.956	8.413		
9/19/12 19:11	1077060	17951	115.191	19.345	139.896	8.353		
9/19/12 19:26	1077960	17966	115.214	19.348	139.843	8.3		
9/19/12 19:41	1078860	17981	115.159	19.349	139.969	8.426		
9/19/12 19:56	1079760	17996	115.193	19.347	139.89	8.347		
9/19/12 20:11	1080660	18011	115.191	19.349	139.896	8.353		
9/19/12 20:26	1081560	18026	115.199	19.347	139.877	8.334		
9/19/12 20:41	1082460	18041	115.206	19.345	139.861	8.318		
9/19/12 20:56	1083360	18056	115.16	19.349	139.968	8.425		
9/19/12 21:11	1084260	18071	115.179	19.348	139.923	8.38		
9/19/12 21:26	1085160	18086	115.169	19.349	139.947	8.404		
9/19/12 21:41	1086060	18101	115.207	19.341	139.859	8.316		
9/19/12 21:56	1086960	18116	115.193	19.35	139.892	8.349		
9/19/12 22:11	1087860	18131	115.191	19.349	139.895	8.352		
9/19/12 22:26	1088760	18146	115.189	19.349	139.901	8.358		
9/19/12 22:41	1089660	18161	115.173	19.349	139.937	8.394		
9/19/12 22:56	1090560	18176	115.196	19.353	139.883	8.34		
9/19/12 23:11	1091460	18191	115.175	19.347	139.933	8.39		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 23:26	1092360	18206	115.175	19.347	139.933	8.39		
9/19/12 23:41	1093260	18221	115.197	19.354	139.882	8.339		
9/19/12 23:56	1094160	18236	115.174	19.352	139.934	8.391		
9/20/12 0:11	1095060	18251	115.178	19.352	139.927	8.384		
9/20/12 0:26	1095960	18266	115.197	19.353	139.882	8.339		
9/20/12 0:41	1096860	18281	115.193	19.347	139.892	8.349		
9/20/12 0:56	1097760	18296	115.185	19.35	139.909	8.366		
9/20/12 1:11	1098660	18311	115.194	19.349	139.889	8.346		
9/20/12 1:26	1099560	18326	115.152	19.354	139.986	8.443		
9/20/12 1:41	1100460	18341	115.195	19.35	139.886	8.343		
9/20/12 1:56	1101360	18356	115.179	19.352	139.924	8.381		
9/20/12 2:11	1102260	18371	115.19	19.352	139.898	8.355		
9/20/12 2:26	1103160	18386	115.193	19.349	139.89	8.347		
9/20/12 2:41	1104060	18401	115.141	19.345	140.01	8.467		
9/20/12 2:56	1104960	18416	115.133	19.348	140.03	8.487		
9/20/12 3:11	1105860	18431	115.18	19.349	139.921	8.378		
9/20/12 3:26	1106760	18446	115.176	19.342	139.931	8.388		
9/20/12 3:41	1107660	18461	115.157	19.348	139.974	8.431		
9/20/12 3:56	1108560	18476	115.184	19.35	139.912	8.369		
9/20/12 4:11	1109460	18491	115.196	19.341	139.883	8.34		
9/20/12 4:26	1110360	18506	115.185	19.346	139.909	8.366		
9/20/12 4:41	1111260	18521	115.183	19.351	139.914	8.371		
9/20/12 4:56	1112160	18536	115.185	19.351	139.909	8.366		
9/20/12 5:11	1113060	18551	115.155	19.345	139.978	8.435		
9/20/12 5:26	1113960	18566	115.183	19.357	139.914	8.371		
9/20/12 5:41	1114860	18581	115.141	19.349	140.011	8.468		
9/20/12 5:56	1115760	18596	115.159	19.347	139.969	8.426		
9/20/12 6:11	1116660	18611	115.148	19.347	139.995	8.452		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/20/12 6:26	1117560	18626	115.182	19.355	139.917	8.374		
9/20/12 6:41	1118460	18641	115.155	19.347	139.979	8.436		
9/20/12 6:56	1119360	18656	115.189	19.353	139.899	8.356		
9/20/12 7:11	1120260	18671	115.179	19.35	139.923	8.38		
9/20/12 7:26	1121160	18686	115.181	19.353	139.919	8.376		
9/20/12 7:41	1122060	18701	115.174	19.351	139.934	8.391		
9/20/12 7:56	1122960	18716	115.192	19.347	139.893	8.35		
9/20/12 8:11	1123860	18731	115.186	19.35	139.908	8.365		
9/20/12 8:26	1124760	18746	115.184	19.345	139.912	8.369		
9/20/12 8:41	1125660	18761	115.158	19.347	139.972	8.429		
9/20/12 8:56	1126560	18776	115.184	19.349	139.912	8.369		
9/20/12 9:11	1127460	18791	115.15	19.351	139.991	8.448		
9/20/12 9:26	1128360	18806	115.155	19.345	139.978	8.435		
9/20/12 9:41	1129260	18821	115.176	19.341	139.93	8.387		
9/20/12 9:56	1130160	18836	115.168	19.349	139.949	8.406		
9/20/12 10:11	1131060	18851	115.187	19.342	139.905	8.362		
9/20/12 10:26	1131960	18866	115.188	19.345	139.904	8.361		
9/20/12 10:41	1132860	18881	115.194	19.347	139.889	8.346		
9/20/12 10:56	1133760	18896	115.141	19.348	140.01	8.467		
9/20/12 11:11	1134660	18911	115.184	19.346	139.911	8.368		
9/20/12 11:26	1135560	18926	115.185	19.345	139.909	8.366		
9/20/12 11:41	1136460	18941	115.154	19.354	139.981	8.438		
9/20/12 11:56	1137360	18956	115.164	19.343	139.958	8.415		
9/20/12 12:11	1138260	18971	115.194	19.352	139.887	8.344		
9/20/12 12:26	1139160	18986	115.193	19.35	139.89	8.347		
9/20/12 12:41	1140060	19001	115.184	19.348	139.912	8.369		
9/20/12 12:56	1140960	19016	115.159	19.35	139.969	8.426		
9/20/12 13:11	1141860	19031	115.184	19.35	139.912	8.369		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/20/12 13:26	1142760	19046	115.185	19.346	139.909	8.366		
9/20/12 13:41	1143660	19061	115.162	19.35	139.963	8.42		
9/20/12 13:56	1144560	19076	115.17	19.351	139.944	8.401		
9/20/12 14:11	1145460	19091	115.174	19.353	139.934	8.391		
9/20/12 14:26	1146360	19106	115.158	19.351	139.972	8.429		
9/20/12 14:41	1147260	19121	115.187	19.346	139.905	8.362		
9/20/12 14:56	1148160	19136	115.152	19.345	139.985	8.442		
9/20/12 15:11	1149060	19151	115.154	19.351	139.981	8.438		
9/20/12 15:26	1149960	19166	115.188	19.343	139.904	8.361		
9/20/12 15:41	1150860	19181	115.198	19.35	139.88	8.337		
9/20/12 15:56	1151760	19196	115.155	19.347	139.978	8.435		
9/20/12 16:11	1152660	19211	115.197	19.352	139.882	8.339		
9/20/12 16:26	1153560	19226	115.184	19.353	139.911	8.368		
9/20/12 16:41	1154460	19241	115.193	19.346	139.89	8.347		
9/20/12 16:56	1155360	19256	115.182	19.354	139.917	8.374		
9/20/12 17:11	1156260	19271	115.153	19.351	139.984	8.441		
9/20/12 17:26	1157160	19286	115.157	19.351	139.975	8.432		
9/20/12 17:41	1158060	19301	115.193	19.351	139.89	8.347		
9/20/12 17:56	1158960	19316	115.192	19.345	139.893	8.35		
9/20/12 18:11	1159860	19331	115.141	19.348	140.01	8.467		
9/20/12 18:26	1160760	19346	115.187	19.351	139.905	8.362		
9/20/12 18:41	1161660	19361	115.183	19.348	139.915	8.372		
9/20/12 18:56	1162560	19376	115.191	19.344	139.896	8.353		
9/20/12 19:11	1163460	19391	115.158	19.355	139.972	8.429		
9/20/12 19:26	1164360	19406	115.178	19.345	139.927	8.384		
9/20/12 19:41	1165260	19421	115.183	19.344	139.914	8.371		
9/20/12 19:56	1166160	19436	115.173	19.35	139.937	8.394		
9/20/12 20:11	1167060	19451	115.183	19.347	139.914	8.371		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/20/12 20:26	1167960	19466	115.176	19.344	139.93	8.387		
9/20/12 20:41	1168860	19481	115.197	19.347	139.882	8.339		
9/20/12 20:56	1169760	19496	115.147	19.343	139.998	8.455		
9/20/12 21:11	1170660	19511	115.141	19.351	140.011	8.468		
9/20/12 21:26	1171560	19526	115.146	19.35	140	8.457		
9/20/12 21:41	1172460	19541	115.183	19.348	139.915	8.372		
9/20/12 21:56	1173360	19556	115.188	19.352	139.902	8.359		
9/20/12 22:11	1174260	19571	115.192	19.346	139.893	8.35		
9/20/12 22:26	1175160	19586	115.174	19.349	139.936	8.393		
9/20/12 22:41	1176060	19601	115.145	19.343	140.003	8.46		
9/20/12 22:56	1176960	19616	115.2	19.349	139.875	8.332		
9/20/12 23:11	1177860	19631	115.122	19.35	140.056	8.513		
9/20/12 23:26	1178760	19646	115.173	19.352	139.937	8.394		
9/20/12 23:41	1179660	19661	115.191	19.348	139.896	8.353		
9/20/12 23:56	1180560	19676	115.171	19.353	139.943	8.4		
9/21/12 0:11	1181460	19691	115.168	19.355	139.949	8.406		
9/21/12 0:26	1182360	19706	115.139	19.351	140.016	8.473		
9/21/12 0:41	1183260	19721	115.141	19.348	140.011	8.468		
9/21/12 0:56	1184160	19736	115.142	19.347	140.009	8.466		
9/21/12 1:11	1185060	19751	115.18	19.35	139.921	8.378		
9/21/12 1:26	1185960	19766	115.158	19.351	139.972	8.429		
9/21/12 1:41	1186860	19781	115.175	19.348	139.932	8.389		
9/21/12 1:56	1187760	19796	115.139	19.354	140.015	8.472		
9/21/12 2:11	1188660	19811	115.162	19.354	139.962	8.419		
9/21/12 2:26	1189560	19826	115.154	19.351	139.981	8.438		
9/21/12 2:41	1190460	19841	115.147	19.348	139.998	8.455		
9/21/12 2:56	1191360	19856	115.164	19.35	139.958	8.415		
9/21/12 3:11	1192260	19871	115.188	19.348	139.902	8.359		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 3:26	1193160	19886	115.173	19.343	139.937	8.394		
9/21/12 3:41	1194060	19901	115.185	19.353	139.909	8.366		
9/21/12 3:56	1194960	19916	115.186	19.347	139.906	8.363		
9/21/12 4:11	1195860	19931	115.182	19.351	139.917	8.374		
9/21/12 4:26	1196760	19946	115.17	19.343	139.944	8.401		
9/21/12 4:41	1197660	19961	115.176	19.345	139.93	8.387		
9/21/12 4:56	1198560	19976	115.167	19.345	139.95	8.407		
9/21/12 5:11	1199460	19991	115.15	19.343	139.991	8.448		
9/21/12 5:26	1200360	20006	115.172	19.345	139.938	8.395		
9/21/12 5:41	1201260	20021	115.164	19.349	139.958	8.415		
9/21/12 5:56	1202160	20036	115.18	19.351	139.921	8.378		
9/21/12 6:11	1203060	20051	115.168	19.346	139.949	8.406		
9/21/12 6:26	1203960	20066	115.172	19.354	139.938	8.395		
9/21/12 6:41	1204860	20081	115.149	19.345	139.992	8.449		
9/21/12 6:56	1205760	20096	115.174	19.344	139.936	8.393		
9/21/12 7:11	1206660	20111	115.175	19.345	139.932	8.389		
9/21/12 7:26	1207560	20126	115.179	19.344	139.923	8.38		
9/21/12 7:41	1208460	20141	115.157	19.344	139.975	8.432		
9/21/12 7:56	1209360	20156	115.161	19.348	139.964	8.421		
9/21/12 8:11	1210260	20171	115.646	19.354	138.846	7.303		End of APT2
9/21/12 8:11		20171				6.91	138.45	
9/21/12 8:22		20181				5.46	137.00	
9/21/12 8:26	1211160	20186	116.544	19.346	136.772	5.229		
9/21/12 8:32		20192				4.70	136.24	
9/21/12 8:41	1212060	20201	116.891	19.343	135.971	4.428		
9/21/12 8:43		20203				4.22	135.76	
9/21/12 8:56	1212960	20216	117.058	19.346	135.584	4.041		
9/21/12 9:01		20221				3.85	135.39	

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 9:11	1213860	20231	117.205	19.348	135.246	3.703		
9/21/12 9:26	1214760	20246	117.244	19.351	135.156	3.613		
9/21/12 9:41	1215660	20261	117.347	19.343	134.917	3.374		
9/21/12 9:56	1216560	20276	117.417	19.351	134.756	3.213		
9/21/12 10:11	1217460	20291	117.428	19.347	134.73	3.187		
9/21/12 10:26	1218360	20306	117.508	19.346	134.545	3.002		
9/21/12 10:41	1219260	20321	117.524	19.341	134.508	2.965		
9/21/12 10:56	1220160	20336	117.548	19.348	134.454	2.911		
9/21/12 11:11	1221060	20351	117.582	19.347	134.375	2.832		
9/21/12 11:26	1221960	20366	117.621	19.349	134.285	2.742		
9/21/12 11:41	1222860	20381	117.691	19.345	134.122	2.579		
9/21/12 11:56	1223760	20396	117.663	19.344	134.189	2.646		
9/21/12 12:11	1224660	20411	117.707	19.344	134.086	2.543		
9/21/12 12:26	1225560	20426	117.749	19.349	133.99	2.447		
9/21/12 12:41	1226460	20441	117.784	19.337	133.909	2.366		
9/21/12 12:56	1227360	20456	117.748	19.341	133.992	2.449		
9/21/12 13:11	1228260	20471	117.79	19.339	133.894	2.351		
9/21/12 13:26	1229160	20486	117.794	19.346	133.886	2.343		
9/21/12 13:41	1230060	20501	117.842	19.343	133.775	2.232		
9/21/12 13:56	1230960	20516	117.854	19.345	133.748	2.205		
9/21/12 14:11	1231860	20531	117.884	19.346	133.678	2.135		
9/21/12 14:26	1232760	20546	117.91	19.349	133.618	2.075		
9/21/12 14:41	1233660	20561	117.89	19.34	133.664	2.121		
9/21/12 14:56	1234560	20576	117.912	19.344	133.613	2.07		
9/21/12 15:11	1235460	20591	117.921	19.337	133.593	2.05		
9/21/12 15:26	1236360	20606	117.932	19.341	133.567	2.024		
9/21/12 15:41	1237260	20621	117.938	19.344	133.554	2.011		
9/21/12 15:56	1238160	20636	117.982	19.347	133.45	1.907		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 16:11	1239060	20651	117.997	19.349	133.417	1.874		
9/21/12 16:26	1239960	20666	118.008	19.344	133.391	1.848		
9/21/12 16:41	1240860	20681	118.029	19.341	133.343	1.8		
9/21/12 16:56	1241760	20696	118.041	19.341	133.316	1.773		
9/21/12 17:11	1242660	20711	118.055	19.345	133.283	1.74		
9/21/12 17:26	1243560	20726	118.032	19.339	133.336	1.793		
9/21/12 17:41	1244460	20741	118.061	19.338	133.269	1.726		
9/21/12 17:56	1245360	20756	118.043	19.345	133.31	1.767		
9/21/12 18:11	1246260	20771	118.06	19.341	133.271	1.728		
9/21/12 18:26	1247160	20786	118.061	19.346	133.268	1.725		
9/21/12 18:41	1248060	20801	118.074	19.342	133.239	1.696		
9/21/12 18:56	1248960	20816	118.09	19.343	133.201	1.658		
9/21/12 19:11	1249860	20831	118.108	19.34	133.16	1.617		
9/21/12 19:26	1250760	20846	118.093	19.344	133.195	1.652		
9/21/12 19:41	1251660	20861	118.093	19.345	133.194	1.651		
9/21/12 19:56	1252560	20876	118.114	19.341	133.146	1.603		
9/21/12 20:11	1253460	20891	118.117	19.339	133.139	1.596		
9/21/12 20:26	1254360	20906	118.148	19.338	133.068	1.525		
9/21/12 20:41	1255260	20921	118.124	19.343	133.124	1.581		
9/21/12 20:56	1256160	20936	118.168	19.345	133.021	1.478		
9/21/12 21:11	1257060	20951	118.163	19.34	133.034	1.491		
9/21/12 21:26	1257960	20966	118.166	19.339	133.027	1.484		
9/21/12 21:41	1258860	20981	118.163	19.344	133.033	1.49		
9/21/12 21:56	1259760	20996	118.168	19.339	133.021	1.478		
9/21/12 22:11	1260660	21011	118.202	19.336	132.943	1.4		
9/21/12 22:26	1261560	21026	118.218	19.348	132.905	1.362		
9/21/12 22:41	1262460	21041	118.193	19.341	132.965	1.422		
9/21/12 22:56	1263360	21056	118.199	19.34	132.95	1.407		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 23:11	1264260	21071	118.2	19.342	132.947	1.404		
9/21/12 23:26	1265160	21086	118.203	19.342	132.94	1.397		
9/21/12 23:41	1266060	21101	118.226	19.337	132.888	1.345		
9/21/12 23:56	1266960	21116	118.216	19.343	132.91	1.367		
9/22/12 0:11	1267860	21131	118.243	19.34	132.849	1.306		
9/22/12 0:26	1268760	21146	118.269	19.344	132.788	1.245		
9/22/12 0:41	1269660	21161	118.236	19.339	132.864	1.321		
9/22/12 0:56	1270560	21176	118.241	19.344	132.853	1.31		
9/22/12 1:11	1271460	21191	118.253	19.346	132.824	1.281		
9/22/12 1:26	1272360	21206	118.249	19.343	132.835	1.292		
9/22/12 1:41	1273260	21221	118.273	19.343	132.779	1.236		
9/22/12 1:56	1274160	21236	118.264	19.34	132.8	1.257		
9/22/12 2:11	1275060	21251	118.266	19.334	132.795	1.252		
9/22/12 2:26	1275960	21266	118.3	19.344	132.717	1.174		
9/22/12 2:41	1276860	21281	118.272	19.343	132.782	1.239		
9/22/12 2:56	1277760	21296	118.313	19.342	132.686	1.143		
9/22/12 3:11	1278660	21311	118.283	19.339	132.756	1.213		
9/22/12 3:26	1279560	21326	118.289	19.339	132.742	1.199		
9/22/12 3:41	1280460	21341	118.293	19.337	132.733	1.19		
9/22/12 3:56	1281360	21356	118.301	19.345	132.716	1.173		
9/22/12 4:11	1282260	21371	118.293	19.345	132.733	1.19		
9/22/12 4:26	1283160	21386	118.303	19.34	132.71	1.167		
9/22/12 4:41	1284060	21401	118.352	19.339	132.596	1.053		
9/22/12 4:56	1284960	21416	118.3	19.338	132.717	1.174		
9/22/12 5:11	1285860	21431	118.313	19.337	132.687	1.144		
9/22/12 5:26	1286760	21446	118.349	19.332	132.603	1.06		
9/22/12 5:41	1287660	21461	118.351	19.337	132.599	1.056		
9/22/12 5:56	1288560	21476	118.341	19.346	132.622	1.079		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 6:11	1289460	21491	118.358	19.342	132.583	1.04		
9/22/12 6:26	1290360	21506	118.324	19.337	132.662	1.119		
9/22/12 6:41	1291260	21521	118.345	19.336	132.614	1.071		
9/22/12 6:56	1292160	21536	118.375	19.341	132.544	1.001		
9/22/12 7:11	1293060	21551	118.349	19.338	132.603	1.06		
9/22/12 7:26	1293960	21566	118.373	19.336	132.548	1.005		
9/22/12 7:41	1294860	21581	118.372	19.342	132.551	1.008		
9/22/12 7:56	1295760	21596	118.355	19.343	132.589	1.046		
9/22/12 8:11	1296660	21611	118.381	19.335	132.53	0.987		
9/22/12 8:26	1297560	21626	118.353	19.34	132.595	1.052		
9/22/12 8:41	1298460	21641	118.406	19.34	132.473	0.93		
9/22/12 8:56	1299360	21656	118.362	19.338	132.573	1.03		
9/22/12 9:11	1300260	21671	118.378	19.34	132.536	0.993		
9/22/12 9:26	1301160	21686	118.408	19.339	132.469	0.926		
9/22/12 9:41	1302060	21701	118.411	19.339	132.46	0.917		
9/22/12 9:56	1302960	21716	118.418	19.336	132.445	0.902		
9/22/12 10:11	1303860	21731	118.403	19.342	132.479	0.936		
9/22/12 10:26	1304760	21746	118.384	19.341	132.524	0.981		
9/22/12 10:41	1305660	21761	118.416	19.34	132.45	0.907		
9/22/12 10:56	1306560	21776	118.395	19.34	132.498	0.955		
9/22/12 11:11	1307460	21791	118.397	19.338	132.494	0.951		
9/22/12 11:26	1308360	21806	118.428	19.345	132.42	0.877		
9/22/12 11:41	1309260	21821	118.4	19.345	132.487	0.944		
9/22/12 11:56	1310160	21836	118.416	19.338	132.449	0.906		
9/22/12 12:11	1311060	21851	118.407	19.335	132.471	0.928		
9/22/12 12:26	1311960	21866	118.418	19.337	132.444	0.901		
9/22/12 12:41	1312860	21881	118.402	19.341	132.482	0.939		
9/22/12 12:56	1313760	21896	118.41	19.341	132.462	0.919		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 13:11	1314660	21911	118.434	19.333	132.407	0.864		
9/22/12 13:26	1315560	21926	118.419	19.339	132.442	0.899		
9/22/12 13:41	1316460	21941	118.46	19.336	132.347	0.804		
9/22/12 13:56	1317360	21956	118.474	19.342	132.316	0.773		
9/22/12 14:11	1318260	21971	118.436	19.339	132.404	0.861		
9/22/12 14:26	1319160	21986	118.435	19.338	132.405	0.862		
9/22/12 14:41	1320060	22001	118.442	19.34	132.389	0.846		
9/22/12 14:56	1320960	22016	118.446	19.333	132.381	0.838		
9/22/12 15:11	1321860	22031	118.448	19.346	132.376	0.833		
9/22/12 15:26	1322760	22046	118.439	19.344	132.395	0.852		
9/22/12 15:41	1323660	22061	118.448	19.34	132.376	0.833		
9/22/12 15:56	1324560	22076	118.449	19.339	132.373	0.83		
9/22/12 16:11	1325460	22091	118.491	19.335	132.277	0.734		
9/22/12 16:26	1326360	22106	118.453	19.337	132.363	0.82		
9/22/12 16:41	1327260	22121	118.456	19.336	132.357	0.814		
9/22/12 16:56	1328160	22136	118.461	19.34	132.346	0.803		
9/22/12 17:11	1329060	22151	118.458	19.34	132.353	0.81		
9/22/12 17:26	1329960	22166	118.486	19.34	132.288	0.745		
9/22/12 17:41	1330860	22181	118.496	19.337	132.265	0.722		
9/22/12 17:56	1331760	22196	118.474	19.345	132.314	0.771		
9/22/12 18:11	1332660	22211	118.481	19.343	132.299	0.756		
9/22/12 18:26	1333560	22226	118.487	19.34	132.286	0.743		
9/22/12 18:41	1334460	22241	118.488	19.34	132.283	0.74		
9/22/12 18:56	1335360	22256	118.5	19.345	132.254	0.711		
9/22/12 19:11	1336260	22271	118.461	19.334	132.346	0.803		
9/22/12 19:26	1337160	22286	118.483	19.339	132.295	0.752		
9/22/12 19:41	1338060	22301	118.475	19.34	132.312	0.769		
9/22/12 19:56	1338960	22316	118.471	19.34	132.323	0.78		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 20:11	1339860	22331	118.47	19.341	132.324	0.781		
9/22/12 20:26	1340760	22346	118.49	19.344	132.279	0.736		
9/22/12 20:41	1341660	22361	118.485	19.335	132.29	0.747		
9/22/12 20:56	1342560	22376	118.513	19.336	132.226	0.683		
9/22/12 21:11	1343460	22391	118.486	19.341	132.286	0.743		
9/22/12 21:26	1344360	22406	118.5	19.338	132.254	0.711		
9/22/12 21:41	1345260	22421	118.499	19.339	132.258	0.715		
9/22/12 21:56	1346160	22436	118.497	19.336	132.263	0.72		
9/22/12 22:11	1347060	22451	118.493	19.345	132.27	0.727		
9/22/12 22:26	1347960	22466	118.503	19.344	132.247	0.704		
9/22/12 22:41	1348860	22481	118.507	19.334	132.238	0.695		
9/22/12 22:56	1349760	22496	118.498	19.339	132.259	0.716		
9/22/12 23:11	1350660	22511	118.497	19.342	132.262	0.719		
9/22/12 23:26	1351560	22526	118.504	19.34	132.246	0.703		
9/22/12 23:41	1352460	22541	118.502	19.343	132.251	0.708		
9/22/12 23:56	1353360	22556	118.498	19.343	132.26	0.717		
9/23/12 0:11	1354260	22571	118.546	19.334	132.15	0.607		
9/23/12 0:26	1355160	22586	118.507	19.341	132.24	0.697		
9/23/12 0:41	1356060	22601	118.512	19.338	132.227	0.684		
9/23/12 0:56	1356960	22616	118.508	19.337	132.237	0.694		
9/23/12 1:11	1357860	22631	118.507	19.343	132.238	0.695		
9/23/12 1:26	1358760	22646	118.517	19.333	132.217	0.674		
9/23/12 1:41	1359660	22661	118.519	19.341	132.211	0.668		
9/23/12 1:56	1360560	22676	118.512	19.34	132.227	0.684		
9/23/12 2:11	1361460	22691	118.551	19.345	132.137	0.594		
9/23/12 2:26	1362360	22706	118.564	19.343	132.107	0.564		
9/23/12 2:41	1363260	22721	118.534	19.338	132.176	0.633		
9/23/12 2:56	1364160	22736	118.522	19.339	132.205	0.662		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 3:11	1365060	22751	118.531	19.335	132.183	0.64		
9/23/12 3:26	1365960	22766	118.566	19.336	132.103	0.56		
9/23/12 3:41	1366860	22781	118.528	19.341	132.191	0.648		
9/23/12 3:56	1367760	22796	118.536	19.342	132.173	0.63		
9/23/12 4:11	1368660	22811	118.536	19.342	132.171	0.628		
9/23/12 4:26	1369560	22826	118.564	19.341	132.107	0.564		
9/23/12 4:41	1370460	22841	118.54	19.332	132.163	0.62		
9/23/12 4:56	1371360	22856	118.541	19.341	132.16	0.617		
9/23/12 5:11	1372260	22871	118.529	19.334	132.189	0.646		
9/23/12 5:26	1373160	22886	118.531	19.338	132.183	0.64		
9/23/12 5:41	1374060	22901	118.565	19.336	132.106	0.563		
9/23/12 5:56	1374960	22916	118.566	19.335	132.103	0.56		
9/23/12 6:11	1375860	22931	118.536	19.332	132.171	0.628		
9/23/12 6:26	1376760	22946	118.53	19.335	132.185	0.642		
9/23/12 6:41	1377660	22961	118.547	19.335	132.147	0.604		
9/23/12 6:56	1378560	22976	118.572	19.343	132.09	0.547		
9/23/12 7:11	1379460	22991	118.519	19.341	132.211	0.668		
9/23/12 7:26	1380360	23006	118.587	19.338	132.054	0.511		
9/23/12 7:41	1381260	23021	118.533	19.333	132.179	0.636		
9/23/12 7:56	1382160	23036	118.554	19.339	132.129	0.586		
9/23/12 8:11	1383060	23051	118.54	19.335	132.163	0.62		
9/23/12 8:26	1383960	23066	118.536	19.334	132.173	0.63		
9/23/12 8:41	1384860	23081	118.544	19.339	132.153	0.61		
9/23/12 8:56	1385760	23096	118.549	19.335	132.142	0.599		
9/23/12 9:11	1386660	23111	118.55	19.337	132.14	0.597		
9/23/12 9:26	1387560	23126	118.536	19.339	132.173	0.63		
9/23/12 9:41	1388460	23141	118.55	19.339	132.14	0.597		
9/23/12 9:56	1389360	23156	118.561	19.341	132.114	0.571		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 10:11	1390260	23171	118.588	19.339	132.052	0.509		
9/23/12 10:26	1391160	23186	118.544	19.342	132.154	0.611		
9/23/12 10:41	1392060	23201	118.563	19.341	132.111	0.568		
9/23/12 10:56	1392960	23216	118.566	19.336	132.103	0.56		
9/23/12 11:11	1393860	23231	118.554	19.333	132.129	0.586		
9/23/12 11:26	1394760	23246	118.564	19.335	132.108	0.565		
9/23/12 11:41	1395660	23261	118.56	19.336	132.117	0.574		
9/23/12 11:56	1396560	23276	118.604	19.336	132.016	0.473		
9/23/12 12:11	1397460	23291	118.572	19.334	132.088	0.545		
9/23/12 12:26	1398360	23306	118.561	19.335	132.115	0.572		
9/23/12 12:41	1399260	23321	118.574	19.343	132.083	0.54		
9/23/12 12:56	1400160	23336	118.591	19.339	132.044	0.501		
9/23/12 13:11	1401060	23351	118.566	19.335	132.102	0.559		
9/23/12 13:26	1401960	23366	118.572	19.336	132.088	0.545		
9/23/12 13:41	1402860	23381	118.611	19.345	132	0.457		
9/23/12 13:56	1403760	23396	118.576	19.341	132.079	0.536		
9/23/12 14:11	1404660	23411	118.578	19.335	132.075	0.532		
9/23/12 14:26	1405560	23426	118.579	19.346	132.073	0.53		
9/23/12 14:41	1406460	23441	118.593	19.336	132.04	0.497		
9/23/12 14:56	1407360	23456	118.593	19.332	132.04	0.497		
9/23/12 15:11	1408260	23471	118.585	19.338	132.06	0.517		
9/23/12 15:26	1409160	23486	118.624	19.339	131.97	0.427		
9/23/12 15:41	1410060	23501	118.601	19.341	132.022	0.479		
9/23/12 15:56	1410960	23516	118.581	19.346	132.069	0.526		
9/23/12 16:11	1411860	23531	118.597	19.346	132.03	0.487		
9/23/12 16:26	1412760	23546	118.587	19.335	132.054	0.511		
9/23/12 16:41	1413660	23561	118.595	19.333	132.035	0.492		
9/23/12 16:56	1414560	23576	118.628	19.339	131.959	0.416		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 17:11	1415460	23591	118.591	19.341	132.044	0.501		
9/23/12 17:26	1416360	23606	118.627	19.338	131.962	0.419		
9/23/12 17:41	1417260	23621	118.579	19.339	132.072	0.529		
9/23/12 17:56	1418160	23636	118.625	19.338	131.967	0.424		
9/23/12 18:11	1419060	23651	118.583	19.34	132.063	0.52		
9/23/12 18:26	1419960	23666	118.646	19.337	131.919	0.376		
9/23/12 18:41	1420860	23681	118.592	19.339	132.043	0.5		
9/23/12 18:56	1421760	23696	118.63	19.339	131.955	0.412		
9/23/12 19:11	1422660	23711	118.627	19.34	131.962	0.419		
9/23/12 19:26	1423560	23726	118.598	19.339	132.028	0.485		
9/23/12 19:41	1424460	23741	118.624	19.334	131.968	0.425		
9/23/12 19:56	1425360	23756	118.608	19.339	132.006	0.463		
9/23/12 20:11	1426260	23771	118.598	19.342	132.028	0.485		
9/23/12 20:26	1427160	23786	118.591	19.343	132.044	0.501		
9/23/12 20:41	1428060	23801	118.602	19.339	132.021	0.478		
9/23/12 20:56	1428960	23816	118.612	19.342	131.996	0.453		
9/23/12 21:11	1429860	23831	118.606	19.342	132.011	0.468		
9/23/12 21:26	1430760	23846	118.635	19.333	131.943	0.4		
9/23/12 21:41	1431660	23861	118.6	19.336	132.024	0.481		
9/23/12 21:56	1432560	23876	118.63	19.34	131.955	0.412		
9/23/12 22:11	1433460	23891	118.608	19.341	132.007	0.464		
9/23/12 22:26	1434360	23906	118.618	19.334	131.982	0.439		
9/23/12 22:41	1435260	23921	118.605	19.339	132.013	0.47		
9/23/12 22:56	1436160	23936	118.632	19.35	131.95	0.407		
9/23/12 23:11	1437060	23951	118.588	19.338	132.052	0.509		
9/23/12 23:26	1437960	23966	118.61	19.342	132.001	0.458		
9/23/12 23:41	1438860	23981	118.594	19.336	132.038	0.495		
9/23/12 23:56	1439760	23996	118.605	19.332	132.013	0.47		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/24/12 0:11	1440660	24011	118.6	19.335	132.024	0.481		
9/24/12 0:26	1441560	24026	118.606	19.337	132.011	0.468		
9/24/12 0:41	1442460	24041	118.646	19.341	131.917	0.374		
9/24/12 0:56	1443360	24056	118.628	19.335	131.96	0.417		
9/24/12 1:11	1444260	24071	118.626	19.333	131.964	0.421		
9/24/12 1:26	1445160	24086	118.616	19.334	131.988	0.445		
9/24/12 1:41	1446060	24101	118.617	19.339	131.986	0.443		
9/24/12 1:56	1446960	24116	118.618	19.337	131.982	0.439		
9/24/12 2:11	1447860	24131	118.618	19.341	131.982	0.439		
9/24/12 2:26	1448760	24146	118.614	19.339	131.992	0.449		
9/24/12 2:41	1449660	24161	118.625	19.344	131.968	0.425		
9/24/12 2:56	1450560	24176	118.614	19.337	131.992	0.449		
9/24/12 3:11	1451460	24191	118.623	19.339	131.972	0.429		
9/24/12 3:26	1452360	24206	118.636	19.336	131.942	0.399		
9/24/12 3:41	1453260	24221	118.623	19.343	131.972	0.429		
9/24/12 3:56	1454160	24236	118.617	19.337	131.985	0.442		
9/24/12 4:11	1455060	24251	118.614	19.334	131.992	0.449		
9/24/12 4:26	1455960	24266	118.656	19.343	131.896	0.353		
9/24/12 4:41	1456860	24281	118.655	19.345	131.898	0.355		
9/24/12 4:56	1457760	24296	118.627	19.337	131.962	0.419		
9/24/12 5:11	1458660	24311	118.623	19.343	131.97	0.427		
9/24/12 5:26	1459560	24326	118.624	19.339	131.969	0.426		
9/24/12 5:41	1460460	24341	118.657	19.338	131.893	0.35		
9/24/12 5:56	1461360	24356	118.633	19.336	131.947	0.404		
9/24/12 6:11	1462260	24371	118.631	19.333	131.953	0.41		
9/24/12 6:26	1463160	24386	118.637	19.339	131.938	0.395		
9/24/12 6:41	1464060	24401	118.632	19.342	131.95	0.407		
9/24/12 6:56	1464960	24416	118.66	19.333	131.885	0.342		

Table F-2

Well 3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/24/12 7:11	1465860	24431	118.612	19.336	131.996	0.453		
9/24/12 7:26	1466760	24446	118.625	19.344	131.968	0.425		
9/24/12 7:41	1467660	24461	118.632	19.335	131.951	0.408		
9/24/12 7:56	1468560	24476	118.625	19.344	131.966	0.423		
9/24/12 8:11	1469460	24491	118.632	19.339	131.951	0.408		
9/24/12 8:26	1470360	24506	118.617	19.333	131.986	0.443		
9/24/12 8:41	1471260	24521	118.614	19.338	131.992	0.449		
9/24/12 8:56	1472160	24536	118.633	19.339	131.948	0.405		
9/24/12 9:11	1473060	24551	118.617	19.337	131.986	0.443		
9/24/12 9:26	1473960	24566	118.623	19.342	131.97	0.427		
9/24/12 9:41	1474860	24581	118.632	19.336	131.95	0.407		
9/24/12 9:56	1475760	24596	118.638	19.339	131.937	0.394		
9/24/12 10:11	1476660	24611	118.659	19.348	131.888	0.345		
9/24/12 10:26	1477560	24626	118.632	19.346	131.951	0.408		
9/24/12 10:41	1478460	24641	118.626	19.346	131.964	0.421		
9/24/12 10:56	1479360	24656	118.649	19.342	131.911	0.368		
9/24/12 11:11	1480260	24671	118.647	19.339	131.917	0.374		
9/24/12 11:26	1481160	24686	118.632	19.339	131.95	0.407		
9/24/12 11:41	1482060	24701	118.621	19.338	131.976	0.433		
9/24/12 11:56	1482960	24716	118.676	19.334	131.849	0.306		
9/24/12 12:11	1483860	24731	118.638	19.337	131.936	0.393		
9/24/12 12:26	1484760	24746	118.642	19.339	131.928	0.385		
9/24/12 12:41	1485660	24761	118.686	19.343	131.826	0.283		
9/24/12 12:56	1486560	24776	118.66	19.336	131.885	0.342		

Table F-2

Well 3 Water Level Data
 Long Term Aquifer Performance Test 2
 BrightSource Energy
 Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/24/12 13:11	1487460	24791	118.648	19.339	131.912	0.369		
9/24/12 13:26	1488360	24806	118.654	19.338	131.901	0.358		
9/24/12 13:41	1489260	24821	118.651	19.334	131.906	0.363		
9/24/12 13:56	1490160	24836	118.627	19.34	131.963	0.42		
9/24/12 14:11	1491060	24851	118.609	19.338	132.002	0.459		
Notes: PSI: Pounds per square inch C: Degrees Celcius ft btoc: feet below top of casing gpm: gallons per minute								

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
7/17/2012 9:45						0	130.55	Start of Step Test
7/17/2012 9:46						6.95	137.5	50 gpm
7/17/2012 9:47						9.25	139.8	
7/17/2012 9:48						12.15	142.7	
7/17/2012 9:49						14.25	144.8	
7/17/2012 9:50						15.75	146.3	
7/17/2012 9:51						17.15	147.7	
7/17/2012 9:52						17.75	148.3	
7/17/2012 9:53						18.25	148.8	
7/17/2012 9:54						19.15	149.7	
7/17/2012 9:55						19.45	150	
7/17/2012 10:05						21.95	152.5	
7/17/2012 10:15						20.83	151.38	
7/17/2012 10:25						21.15	151.7	Pump off to adjust rate
7/17/2012 10:35						17.55	148.1	
7/17/2012 10:45						17.15	147.7	
7/17/2012 10:46						12.75	143.3	
7/17/2012 10:51						11.45	142	Pump on 90 gpm
7/17/2012 10:52						23.8	154.35	
7/17/2012 10:53						27.85	158.4	
7/17/2012 10:58						39.2	169.75	
7/17/2012 11:03						46.15	176.7	
7/17/2012 11:09						62.25	192.8	
7/17/2012 11:16						61.45	192	
7/17/2012 11:42						83.05	213.6	Pump of to adjust rate
7/17/2012 11:52						73.45	204	pump on ~95 gpm
7/17/2012 11:53						73.45	204	

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
7/17/2012 12:01						69.95	200.5	
7/17/2012 12:04						77.56	208.11	
7/17/2012 12:08						85.75	216.3	
7/17/2012 12:18						97.45	228	
7/17/2012 12:35						105.45	236	
7/17/2012 12:40						105.95	236.5	
7/17/2012 12:42						106.45	237	
7/17/2012 12:50						107.25	237.8	
7/17/2012 13:00						107.45	238	
7/17/2012 13:10						107.75	238.3	
7/17/2012 13:16						107.95	238.5	
7/17/2012 13:21						108.15	238.7	Pump off to adjust rate
7/17/2012 13:35						46.95	177.5	
7/17/2012 13:37						56.45	187	Pump on ~100 gpm
7/17/2012 13:38						63.45	194	
7/17/2012 13:39						66.45	197	
7/17/2012 13:40						72.45	203	
7/17/2012 13:43						79.45	210	
7/17/2012 13:46						86.45	217	
7/17/2012 13:56						102.45	233	
7/17/2012 14:06						111.45	242	
7/17/2012 14:16						113.45	244	
7/17/2012 14:36						114.45	245	
7/17/2012 14:46						114.45	245	End of test
7/17/2012 17:29						1.85	132.4	
8/22/12 17:00			4.735	19.135	132.3	1.658		
8/22/12 18:00			4.767	19.134	132.225	1.583		Well Development

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/22/12 19:00			4.769	19.132	132.219	1.577		
8/22/12 20:00			4.781	19.132	132.192	1.55		
8/22/12 21:00			4.766	19.134	132.227	1.585		
8/22/12 22:00			4.768	19.133	132.222	1.58		
8/22/12 23:00			4.779	19.135	132.197	1.555		
8/23/12 0:00			4.785	19.133	132.185	1.543		
8/23/12 1:00			4.759	19.129	132.244	1.602		
8/23/12 2:00			4.775	19.132	132.207	1.565		
8/23/12 3:00			4.781	19.133	132.192	1.55		
8/23/12 4:00			4.79	19.131	132.172	1.53		
8/23/12 5:00			4.799	19.132	132.151	1.509		
8/23/12 6:00			4.78	19.135	132.195	1.553		
8/23/12 7:00			4.771	19.133	132.215	1.573		
8/23/12 8:00			4.781	19.131	132.192	1.55		
8/23/12 9:00			4.745	19.137	132.275	1.633		
8/23/12 10:00			4.76	19.134	132.241	1.599		
8/23/12 11:00			4.775	19.133	132.207	1.565		
8/23/12 12:00			4.804	19.135	132.141	1.499		
8/23/12 13:00			4.792	19.132	132.166	1.524		
8/23/12 14:00			4.551	19.137	132.724	2.082		
8/23/12 17:00			63.125	19.475	132.3	1.658		
8/23/12 18:00			63.242	19.481	132.029	1.387		
8/23/12 19:00			63.292	19.479	131.914	1.272		
8/23/12 20:00			63.288	19.482	131.923	1.281		
8/23/12 21:00			63.349	19.479	131.784	1.142		
8/23/12 22:00			63.321	19.481	131.847	1.205		
8/23/12 23:00			63.345	19.478	131.793	1.151		

Table F-3

Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/24/12 0:00			63.368	19.479	131.738	1.096		
8/24/12 1:00			63.387	19.48	131.694	1.052		
8/24/12 2:00			63.387	19.476	131.694	1.052		
8/24/12 3:00			63.391	19.473	131.687	1.045		
8/24/12 4:00			63.382	19.473	131.708	1.066		
8/24/12 5:00			63.395	19.466	131.676	1.034		
8/24/12 6:00			63.386	19.477	131.697	1.055		
8/24/12 7:00			63.397	19.471	131.672	1.03		
8/24/12 8:00			63.395	19.479	131.678	1.036		
8/24/12 9:00			63.361	19.475	131.756	1.114		
8/24/12 10:00			63.397	19.475	131.672	1.03		
8/24/12 11:00			63.391	19.476	131.687	1.045		
8/24/12 12:00			63.399	19.469	131.667	1.025		
8/27/12 13:00							130.70	
8/28/12 9:20							130.71	
8/28/12 17:00							130.94	
8/28/12 17:06			70.462	19.527	130.695	0.053		
8/28/12 18:06			70.446	19.51	130.731	0.089		
8/28/12 19:06			70.461	19.522	130.696	0.054		
8/28/12 20:06			70.474	19.513	130.666	0.024		
8/28/12 21:06			70.47	19.515	130.675	0.033		
8/28/12 22:06			70.479	19.517	130.655	0.013		
8/28/12 23:06			70.497	19.521	130.614	-0.028		
8/29/12 0:06			70.498	19.516	130.611	-0.031		
8/29/12 1:06			70.495	19.515	130.618	-0.024		
8/29/12 2:06			70.515	19.516	130.572	-0.07		
8/29/12 3:06			70.499	19.521	130.61	-0.032		

Table F-3

Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/29/12 4:06			70.51	19.516	130.584	-0.058		
8/29/12 5:06			70.515	19.51	130.572	-0.07		
8/29/12 6:06			70.509	19.509	130.587	-0.055		
8/29/12 7:06			70.517	19.516	130.567	-0.075		
8/29/12 8:06			70.51	19.51	130.584	-0.058		
8/29/12 9:06			70.53	19.512	130.537	-0.105		
8/29/12 9:15							130.75	
8/29/12 10:06			70.678	19.52	130.197	-0.445		
8/29/12 11:06			70.749	19.519	130.032	-0.61		
8/29/12 12:06			70.662	19.515	130.233	-0.409		
8/29/12 13:06			70.576	19.518	130.431	-0.211		
8/29/12 14:06			70.305	19.513	131.057	0.415		
8/29/12 15:06			70.406	19.512	130.823	0.181		
8/29/12 16:06			70.502	19.52	130.602	-0.04		
8/29/12 16:40							130.79	
8/29/12 17:06			70.328	19.518	131.004	0.362		
8/29/12 18:06			70.477	19.514	130.66	0.018		
8/29/12 19:06			70.507	19.517	130.59	-0.052		
8/29/12 20:06			70.51	19.523	130.584	-0.058		
8/29/12 21:06			70.522	19.514	130.555	-0.087		
8/29/12 22:06			70.539	19.52	130.517	-0.125		
8/29/12 23:06			70.519	19.511	130.563	-0.079		
8/30/12 0:06			70.531	19.517	130.536	-0.106		
8/30/12 1:06			70.532	19.516	130.534	-0.108		
8/30/12 2:06			70.537	19.517	130.521	-0.121		
8/30/12 3:06			70.535	19.519	130.527	-0.115		
8/30/12 4:06			70.547	19.516	130.499	-0.143		

Table F-3

Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/30/12 5:06			70.539	19.515	130.516	-0.126		
8/30/12 6:06			70.545	19.515	130.502	-0.14		
8/30/12 7:06			70.541	19.518	130.511	-0.131		
8/30/12 8:06			70.549	19.52	130.493	-0.149		
8/30/12 8:40							131.15	
8/30/12 9:06			70.501	19.517	130.605	-0.037		
8/30/12 10:06			70.394	19.515	130.851	0.209		
8/30/12 11:06			70.409	19.516	130.817	0.175		
8/30/12 12:06			70.339	19.518	130.978	0.336		
8/30/12 13:06			70.362	19.52	130.926	0.284		
8/30/12 14:06			70.318	19.512	131.028	0.386		
8/30/12 15:06			70.346	19.512	130.963	0.321		
8/30/12 16:06			69.996	19.513	131.771	1.129		
8/30/12 17:06			70.402	19.517	130.833	0.191		
8/30/12 18:06			70.408	19.515	130.82	0.178		
8/30/12 19:06			70.459	19.514	130.702	0.06		
8/30/12 20:06			70.472	19.513	130.67	0.028		
8/30/12 21:06			70.489	19.514	130.633	-0.009		
8/30/12 22:06			70.473	19.514	130.669	0.027		
8/30/12 23:06			70.492	19.518	130.625	-0.017		
8/31/12 0:06			70.499	19.514	130.61	-0.032		
8/31/12 1:06			70.507	19.517	130.592	-0.05		
8/31/12 2:06			70.506	19.52	130.593	-0.049		
8/31/12 3:06			70.512	19.514	130.578	-0.064		
8/31/12 4:06			70.522	19.508	130.557	-0.085		
8/31/12 5:06			70.524	19.508	130.552	-0.09		
8/31/12 6:06			70.527	19.509	130.545	-0.097		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/31/12 7:06			70.514	19.512	130.575	-0.067		
9/4/12 15:15							130.68	
9/5/12 7:25							130.73	
9/5/12 8:05			73.674	19.538	130.533	-0.109		
9/5/12 8:10			73.616	19.53	130.666	0.024		
9/5/12 8:15			73.653	19.531	130.58	-0.062		
9/5/12 8:20			73.649	19.532	130.591	-0.051		
9/5/12 8:25			73.631	19.528	130.632	-0.01		
9/5/12 8:30			73.64	19.527	130.612	-0.03		
9/5/12 8:35			73.653	19.53	130.582	-0.06		
9/5/12 8:40			73.639	19.532	130.613	-0.029		Step Test
9/5/12 8:45			73.581	19.538	130.747	0.105		25 gpm
9/5/12 8:50			73.482	19.533	130.977	0.335		
9/5/12 8:55			73.396	19.535	131.175	0.533		
9/5/12 9:00			73.326	19.534	131.337	0.695		
9/5/12 9:05			73.266	19.534	131.475	0.833		
9/5/12 9:10			73.243	19.535	131.528	0.886		
9/5/12 9:15			73.2	19.536	131.626	0.984		
9/5/12 9:20			73.194	19.537	131.64	0.998		
9/5/12 9:25			73.141	19.537	131.762	1.12		
9/5/12 9:30			73.133	19.533	131.782	1.14		
9/5/12 9:35			73.103	19.534	131.852	1.21		
9/5/12 9:40			73.071	19.537	131.926	1.284		35 gpm
9/5/12 9:45			73.057	19.531	131.956	1.314		
9/5/12 9:50			73.008	19.534	132.071	1.429		
9/5/12 9:55			72.965	19.536	132.17	1.528		
9/5/12 10:00			72.92	19.534	132.274	1.632		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/5/12 10:05			72.91	19.538	132.296	1.654		
9/5/12 10:10			72.863	19.539	132.404	1.762		
9/5/12 10:15			72.828	19.537	132.486	1.844		
9/5/12 10:20			72.811	19.533	132.526	1.884		
9/5/12 10:25			72.787	19.535	132.58	1.938		
9/5/12 10:30			72.761	19.532	132.641	1.999		
9/5/12 10:35			72.751	19.535	132.665	2.023		
9/5/12 10:40			72.712	19.536	132.754	2.112		45 gpm
9/5/12 10:45			72.701	19.539	132.78	2.138		
9/5/12 10:50			72.627	19.536	132.95	2.308		
9/5/12 10:55			72.573	19.538	133.075	2.433		
9/5/12 11:00			72.514	19.539	133.21	2.568		
9/5/12 11:05			72.485	19.537	133.278	2.636		
9/5/12 11:10			72.472	19.539	133.308	2.666		
9/5/12 11:15			72.47	19.54	133.313	2.671		
9/5/12 11:20			72.41	19.538	133.451	2.809		
9/5/12 11:25			72.421	19.535	133.426	2.784		
9/5/12 11:30			72.402	19.536	133.469	2.827		
9/5/12 11:35			72.371	19.537	133.54	2.898		
9/5/12 11:40			72.367	19.539	133.551	2.909		
9/5/12 11:45			72.339	19.543	133.614	2.972		
9/5/12 11:50			72.328	19.538	133.64	2.998		
9/5/12 11:55			72.312	19.539	133.676	3.034		
9/5/12 12:00			72.306	19.534	133.692	3.05		
9/5/12 12:05			72.306	19.536	133.69	3.048		
9/5/12 12:10			72.293	19.535	133.722	3.08		
9/5/12 12:15			72.277	19.533	133.758	3.116		

Table F-3

Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/5/12 12:20			72.261	19.535	133.796	3.154		
9/5/12 12:25			72.241	19.536	133.841	3.199		
9/5/12 12:30			72.251	19.531	133.819	3.177		
9/5/12 12:35			72.236	19.532	133.853	3.211		
9/5/12 12:40			72.233	19.535	133.86	3.218		
9/5/12 12:45			72.221	19.534	133.888	3.246		
9/5/12 12:50			72.238	19.541	133.848	3.206		
9/5/12 12:55			72.199	19.54	133.938	3.296		
9/5/12 13:00			72.179	19.537	133.984	3.342		
9/5/12 13:05			72.173	19.534	133.997	3.355		
9/5/12 13:10			72.187	19.535	133.967	3.325		
9/5/12 13:15			72.177	19.53	133.988	3.346		
9/5/12 13:20			72.172	19.532	134	3.358		
9/5/12 13:25			72.161	19.532	134.026	3.384		
9/5/12 13:30			72.141	19.537	134.073	3.431		
9/5/12 13:35			72.145	19.537	134.062	3.42		
9/5/12 13:40			72.141	19.538	134.073	3.431		
9/5/12 13:45			72.124	19.534	134.112	3.47		
9/5/12 13:50			72.131	19.534	134.096	3.454		
9/5/12 13:55			72.124	19.536	134.112	3.47		
9/5/12 14:00			72.139	19.535	134.077	3.435		
9/5/12 14:05			72.109	19.534	134.146	3.504		
9/5/12 14:10			72.16	19.532	134.029	3.387		
9/5/12 14:15			72.308	19.534	133.687	3.045		
9/5/12 14:20			72.463	19.537	133.33	2.688		
9/5/12 14:25			72.61	19.541	132.989	2.347		
9/5/12 14:30			72.714	19.537	132.748	2.106		

Table F-3

Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/5/12 14:35			72.794	19.535	132.563	1.921		
9/5/12 14:40			72.853	19.537	132.429	1.787		
9/5/12 14:45			72.923	19.537	132.267	1.625		
9/5/12 14:50			72.954	19.534	132.196	1.554		
9/5/12 14:55			72.987	19.534	132.12	1.478		
9/5/12 15:00			73.031	19.533	132.018	1.376		
9/5/12 15:05			73.049	19.533	131.975	1.333		
9/5/12 15:10			73.083	19.535	131.897	1.255		
9/5/12 15:15			73.096	19.536	131.867	1.225		
9/5/12 15:20			73.118	19.535	131.817	1.175		
9/5/12 15:25			73.137	19.534	131.773	1.131		
9/5/12 15:30			73.153	19.534	131.735	1.093		
9/5/12 15:35			73.162	19.536	131.714	1.072		
9/5/12 15:40			73.189	19.537	131.654	1.012		
9/5/12 15:45			73.202	19.537	131.622	0.98		
9/5/12 15:50			73.21	19.533	131.604	0.962		
9/5/12 15:50							131.70	
9/5/12 17:00			73.37	19.535	131.232	0.59		
9/5/12 18:00			73.392	19.536	131.181	0.539		
9/5/12 19:00			73.418	19.54	131.122	0.48		
9/5/12 20:00			73.452	19.536	131.043	0.401		
9/5/12 21:00			73.484	19.533	130.969	0.327		
9/5/12 22:00			73.486	19.535	130.964	0.322		
9/5/12 23:00			73.505	19.537	130.922	0.28		
9/6/12 0:00			73.526	19.537	130.873	0.231		
9/6/12 1:00			73.511	19.541	130.908	0.266		
9/6/12 2:00			73.535	19.535	130.851	0.209		Set up for APT 2

Table F-3

Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/6/12 3:00			73.562	19.53	130.79	0.148		
9/6/12 4:00			73.56	19.529	130.793	0.151		
9/6/12 5:00			73.564	19.533	130.785	0.143		
9/6/12 6:00			73.574	19.527	130.761	0.119		
9/6/12 7:00			73.579	19.533	130.751	0.109		
9/6/12 8:00			73.605	19.527	130.69	0.048		
9/6/12 8:45							130.88	
9/6/12 9:00			73.57	19.533	130.77	0.128		
9/6/12 10:00			73.087	19.536	131.886	1.244		
9/6/12 11:00			72.446	19.533	133.365	2.723		
9/6/12 12:00			73.154	19.533	131.732	1.09		
9/6/12 13:00			73.354	19.533	131.269	0.627		
9/6/12 14:00			73.448	19.529	131.052	0.41		
9/7/12 7:40							130.87	
9/7/12 8:00	0	0	73.621	19.524	130.642	0		Start of APT 2
9/7/12 8:00	0.251	0.004183333	73.612	19.545	130.662	0.02		
9/7/12 8:00	0.501	0.00835	73.632	19.56	130.616	-0.026		
9/7/12 8:00	0.751	0.012516667	73.604	19.568	130.681	0.039		
9/7/12 8:00	1.001	0.016683333	73.637	19.576	130.604	-0.038		
9/7/12 8:00	1.251	0.02085	73.605	19.582	130.678	0.036		
9/7/12 8:00	1.501	0.025016667	73.627	19.588	130.628	-0.014		
9/7/12 8:00	1.751	0.029183333	73.623	19.588	130.637	-0.005		
9/7/12 8:00	2.001	0.03335	73.617	19.595	130.651	0.009		
9/7/12 8:00	2.251	0.037516667	73.611	19.597	130.664	0.022		
9/7/12 8:00	2.501	0.041683333	73.628	19.6	130.625	-0.017		
9/7/12 8:00	2.751	0.04585	73.61	19.605	130.667	0.025		
9/7/12 8:00	3.001	0.050016667	73.633	19.605	130.614	-0.028		

Table F-3

Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:00	3.251	0.054183333	73.609	19.608	130.669	0.027		
9/7/12 8:00	3.501	0.05835	73.611	19.609	130.664	0.022		
9/7/12 8:00	3.751	0.062516667	73.61	19.609	130.667	0.025		
9/7/12 8:00	4.001	0.066683333	73.61	19.614	130.666	0.024		
9/7/12 8:00	4.251	0.07085	73.602	19.612	130.686	0.044		
9/7/12 8:00	4.501	0.075016667	73.608	19.615	130.672	0.03		
9/7/12 8:00	4.751	0.079183333	73.597	19.615	130.696	0.054		
9/7/12 8:00	5.001	0.08335	73.607	19.618	130.674	0.032		
9/7/12 8:00	5.251	0.087516667	73.603	19.619	130.683	0.041		
9/7/12 8:00	5.501	0.091683333	73.621	19.618	130.642	0		
9/7/12 8:00	5.751	0.09585	73.621	19.619	130.642	0		
9/7/12 8:00	6.001	0.100016667	73.625	19.622	130.631	-0.011		
9/7/12 8:00	6.36	0.106	73.609	19.611	130.669	0.027		
9/7/12 8:00	6.72	0.112	73.606	19.607	130.677	0.035		
9/7/12 8:00	7.14	0.119	73.594	19.601	130.704	0.062		
9/7/12 8:00	7.56	0.126	73.598	19.599	130.693	0.051		
9/7/12 8:00	7.98	0.133	73.604	19.597	130.68	0.038		
9/7/12 8:00	8.46	0.141	73.592	19.592	130.708	0.066		
9/7/12 8:00	9	0.15	73.596	19.587	130.698	0.056		
9/7/12 8:00	9.48	0.158	73.6	19.589	130.69	0.048		
9/7/12 8:00	10.08	0.168	73.598	19.585	130.695	0.053		
9/7/12 8:00	10.68	0.178	73.59	19.583	130.713	0.071		
9/7/12 8:00	11.28	0.188	73.606	19.58	130.677	0.035		
9/7/12 8:00	11.94	0.199	73.606	19.576	130.675	0.033		
9/7/12 8:00	12.66	0.211	73.606	19.575	130.677	0.035		
9/7/12 8:00	13.44	0.224	73.599	19.574	130.692	0.05		
9/7/12 8:00	14.22	0.237	73.603	19.572	130.683	0.041		

Table F-3

Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:00	15.06	0.251	73.594	19.573	130.704	0.062		
9/7/12 8:00	15.96	0.266	73.581	19.567	130.734	0.092		
9/7/12 8:00	16.92	0.282	73.606	19.568	130.675	0.033		
9/7/12 8:00	17.88	0.298	73.61	19.571	130.666	0.024		
9/7/12 8:00	18.96	0.316	73.618	19.567	130.648	0.006		
9/7/12 8:00	20.1	0.335	73.571	19.564	130.757	0.115		
9/7/12 8:00	21.3	0.355	73.587	19.566	130.721	0.079		
9/7/12 8:00	22.56	0.376	73.594	19.562	130.702	0.06		
9/7/12 8:00	23.88	0.398	73.6	19.564	130.689	0.047		
9/7/12 8:00	25.32	0.422	73.591	19.562	130.71	0.068		
9/7/12 8:00	26.82	0.447	73.627	19.562	130.627	-0.015		
9/7/12 8:00	28.38	0.473	73.583	19.562	130.728	0.086		
9/7/12 8:00	30.06	0.501	73.593	19.561	130.705	0.063		
9/7/12 8:00	31.86	0.531	73.57	19.559	130.758	0.116		
9/7/12 8:00	33.72	0.562	73.587	19.561	130.721	0.079		
9/7/12 8:00	35.76	0.596	73.579	19.559	130.739	0.097		
9/7/12 8:00	37.86	0.631	73.592	19.556	130.707	0.065		
9/7/12 8:00	40.08	0.668	73.591	19.556	130.71	0.068		
9/7/12 8:00	42.48	0.708	73.585	19.558	130.724	0.082		
9/7/12 8:00	45	0.75	73.583	19.553	130.73	0.088		
9/7/12 8:00	47.64	0.794	73.575	19.551	130.746	0.104		
9/7/12 8:00	50.46	0.841	73.575	19.555	130.748	0.106		
9/7/12 8:00	53.46	0.891	73.587	19.552	130.719	0.077		
9/7/12 8:00	56.64	0.944	73.581	19.554	130.734	0.092		
9/7/12 8:01	60	1	73.581	19.551	130.733	0.091		
9/7/12 8:01	63.6	1.06	73.59	19.548	130.712	0.07		
9/7/12 8:01	67.2	1.12	73.579	19.547	130.737	0.095		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:01	71.4	1.19	73.58	19.544	130.736	0.094		
9/7/12 8:01	75.6	1.26	73.566	19.545	130.769	0.127		
9/7/12 8:01	79.8	1.33	73.579	19.544	130.739	0.097		
9/7/12 8:01	84.6	1.41	73.574	19.546	130.749	0.107		
9/7/12 8:01	90	1.5	73.569	19.544	130.762	0.12		
9/7/12 8:01	94.8	1.58	73.564	19.543	130.774	0.132		
9/7/12 8:01	100.8	1.68	73.583	19.541	130.73	0.088		
9/7/12 8:01	106.8	1.78	73.547	19.541	130.811	0.169		
9/7/12 8:01	112.8	1.88	73.559	19.542	130.784	0.142		
9/7/12 8:01	119.4	1.99	73.551	19.541	130.802	0.16		
9/7/12 8:02	126.6	2.11	73.549	19.54	130.807	0.165		
9/7/12 8:02	134.4	2.24	73.53	19.538	130.851	0.209		
9/7/12 8:02	142.2	2.37	73.525	19.538	130.863	0.221		
9/7/12 8:02	150.6	2.51	73.521	19.537	130.872	0.23		
9/7/12 8:02	159.6	2.66	73.514	19.537	130.887	0.245		
9/7/12 8:02	169.2	2.82	73.515	19.537	130.886	0.244		
9/7/12 8:02	178.8	2.98	73.504	19.534	130.911	0.269		
9/7/12 8:03	189.6	3.16	73.487	19.532	130.951	0.309		
9/7/12 8:03	201	3.35	73.479	19.53	130.969	0.327		
9/7/12 8:03	213	3.55	73.467	19.532	130.998	0.356		
9/7/12 8:03	225.6	3.76	73.447	19.53	131.043	0.401		
9/7/12 8:03	238.8	3.98	73.455	19.529	131.025	0.383		
9/7/12 8:04	253.2	4.22	73.415	19.531	131.116	0.474		
9/7/12 8:04	268.2	4.47	73.429	19.53	131.084	0.442		
9/7/12 8:04	283.8	4.73	73.406	19.531	131.139	0.497		
9/7/12 8:05	300.6	5.01	73.373	19.53	131.214	0.572		
9/7/12 8:05	318.6	5.31	73.349	19.529	131.269	0.627		

Table F-3

Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:05	337.2	5.62	73.345	19.529	131.278	0.636		
9/7/12 8:05	357.6	5.96	73.337	19.531	131.296	0.654		
9/7/12 8:06	378.6	6.31	73.303	19.528	131.375	0.733		
9/7/12 8:06	400.8	6.68	73.297	19.529	131.39	0.748		
9/7/12 8:07	424.8	7.08	73.289	19.529	131.408	0.766		
9/7/12 8:07	450	7.5	73.27	19.529	131.452	0.81		
9/7/12 8:07	476.4	7.94	73.251	19.529	131.496	0.854		
9/7/12 8:08	504.6	8.41	73.235	19.528	131.532	0.89		
9/7/12 8:08	534.6	8.91	73.2	19.526	131.612	0.97		
9/7/12 8:09	566.4	9.44	73.185	19.527	131.647	1.005		
9/7/12 8:10	600	10	73.143	19.53	131.746	1.104		
9/7/12 8:10	636	10.6	73.137	19.524	131.759	1.117		
9/7/12 8:11	672	11.2	73.125	19.527	131.787	1.145		
9/7/12 8:11	714	11.9	73.097	19.526	131.85	1.208		
9/7/12 8:12	756	12.6	73.078	19.528	131.894	1.252		
9/7/12 8:13	798	13.3	73.048	19.529	131.965	1.323		
9/7/12 8:14	846	14.1	73.025	19.528	132.017	1.375		
9/7/12 8:15	900	15	73.012	19.527	132.047	1.405		
9/7/12 8:15	948	15.8	72.986	19.529	132.107	1.465		
9/7/12 8:16	1008	16.8	72.946	19.528	132.2	1.558		
9/7/12 8:17	1068	17.8	72.928	19.53	132.242	1.6		
9/7/12 8:18	1128	18.8	72.914	19.53	132.272	1.63		
9/7/12 8:19	1194	19.9	72.893	19.53	132.322	1.68		
9/7/12 8:21	1266	21.1	72.865	19.53	132.387	1.745		
9/7/12 8:22	1344	22.4	72.842	19.529	132.439	1.797		
9/7/12 8:23	1422	23.7	72.834	19.529	132.457	1.815		
9/7/12 8:25	1506	25.1	72.785	19.529	132.571	1.929		

Table F-3

Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:26	1596	26.6	72.794	19.531	132.551	1.909		
9/7/12 8:28	1692	28.2	72.739	19.532	132.678	2.036		
9/7/12 8:29	1788	29.8	72.737	19.531	132.683	2.041		
9/7/12 8:31	1896	31.6	72.717	19.533	132.728	2.086		
9/7/12 8:33	2010	33.5	72.696	19.532	132.777	2.135		
9/7/12 8:35	2130	35.5	72.688	19.531	132.796	2.154		
9/7/12 8:37	2256	37.6	72.66	19.53	132.86	2.218		
9/7/12 8:39	2388	39.8	72.636	19.527	132.916	2.274		
9/7/12 8:42	2532	42.2	72.61	19.528	132.975	2.333		
9/7/12 8:44	2682	44.7	72.599	19.527	133.001	2.359		
9/7/12 8:47	2838	47.3	72.581	19.529	133.042	2.4		
9/7/12 8:50	3006	50.1	72.566	19.525	133.076	2.434		
9/7/12 8:53	3186	53.1	72.535	19.529	133.148	2.506		
9/7/12 8:56	3372	56.2	72.511	19.522	133.204	2.562		
9/7/12 8:59	3576	59.6	72.497	19.529	133.235	2.593		
9/7/12 9:03	3786	63.1	72.471	19.531	133.296	2.654		
9/7/12 9:06	4008	66.8	72.465	19.531	133.31	2.668		
9/7/12 9:10	4248	70.8	72.434	19.531	133.382	2.74		
9/7/12 9:15	4500	75	72.417	19.531	133.422	2.78		
9/7/12 9:19	4764	79.4	72.403	19.531	133.453	2.811		
9/7/12 9:24	5046	84.1	72.377	19.525	133.513	2.871		
9/7/12 9:29	5346	89.1	72.366	19.525	133.538	2.896		
9/7/12 9:34	5664	94.4	72.343	19.529	133.593	2.951		
9/7/12 9:40	6000	100	72.321	19.526	133.643	3.001		
9/7/12 9:46	6360	106	72.303	19.523	133.684	3.042		
9/7/12 9:52	6720	112	72.284	19.525	133.728	3.086		
9/7/12 9:59	7140	119	72.265	19.523	133.773	3.131		

Table F-3

Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 10:06	7560	126	72.257	19.53	133.79	3.148		
9/7/12 10:13	7980	133	72.244	19.527	133.821	3.179		
9/7/12 10:21	8460	141	72.224	19.527	133.867	3.225		
9/7/12 10:30	9000	150	72.204	19.526	133.914	3.272		
9/7/12 10:38	9480	158	72.178	19.525	133.973	3.331		
9/7/12 10:48	10080	168	72.156	19.525	134.023	3.381		
9/7/12 10:58	10680	178	72.114	19.528	134.121	3.479		
9/7/12 11:08	11280	188	72.124	19.529	134.099	3.457		
9/7/12 11:19	11940	199	72.097	19.527	134.161	3.519		
9/7/12 11:31	12660	211	72.101	19.526	134.151	3.509		
9/7/12 11:44	13440	224	72.066	19.528	134.232	3.59		
9/7/12 11:57	14220	237	72.059	19.53	134.248	3.606		
9/7/12 12:11	15060	251	72.032	19.529	134.31	3.668		
9/7/12 12:26	15960	266	72.022	19.532	134.333	3.691		
9/7/12 12:35							134.45	
9/7/12 12:41	16860	281	72.01	19.533	134.36	3.718		
9/7/12 12:56	17760	296	71.998	19.527	134.389	3.747		
9/7/12 13:11	18660	311	71.975	19.524	134.442	3.8		
9/7/12 13:26	19560	326	71.957	19.525	134.483	3.841		
9/7/12 13:41	20460	341	71.932	19.527	134.541	3.899		
9/7/12 13:56	21360	356	71.921	19.524	134.566	3.924		
9/7/12 14:11	22260	371	71.918	19.526	134.574	3.932		
9/7/12 14:26	23160	386	71.896	19.522	134.624	3.982		
9/7/12 14:41	24060	401	71.895	19.525	134.627	3.985		
9/7/12 14:56	24960	416	71.88	19.529	134.66	4.018		
9/7/12 15:11	25860	431	71.878	19.523	134.665	4.023		
9/7/12 15:26	26760	446	71.863	19.527	134.7	4.058		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 15:41	27660	461	71.853	19.528	134.724	4.082		
9/7/12 15:56	28560	476	71.839	19.526	134.756	4.114		
9/7/12 16:11	29460	491	71.834	19.529	134.768	4.126		
9/7/12 16:26	30360	506	71.824	19.533	134.79	4.148		
9/7/12 16:30							135.26	
9/7/12 16:41	31260	521	71.819	19.533	134.801	4.159		
9/7/12 16:56	32160	536	71.827	19.526	134.784	4.142		
9/7/12 17:11	33060	551	71.81	19.527	134.824	4.182		
9/7/12 17:26	33960	566	71.806	19.525	134.833	4.191		
9/7/12 17:41	34860	581	71.783	19.526	134.884	4.242		
9/7/12 17:56	35760	596	71.77	19.526	134.916	4.274		
9/7/12 18:11	36660	611	71.773	19.518	134.909	4.267		
9/7/12 18:26	37560	626	71.749	19.523	134.963	4.321		
9/7/12 18:41	38460	641	71.758	19.526	134.943	4.301		
9/7/12 18:56	39360	656	71.732	19.523	135.004	4.362		
9/7/12 19:11	40260	671	71.751	19.518	134.959	4.317		
9/7/12 19:26	41160	686	71.73	19.526	135.008	4.366		
9/7/12 19:41	42060	701	71.722	19.524	135.025	4.383		
9/7/12 19:56	42960	716	71.718	19.522	135.036	4.394		
9/7/12 20:11	43860	731	71.735	19.518	134.996	4.354		
9/7/12 20:26	44760	746	71.706	19.521	135.063	4.421		
9/7/12 20:41	45660	761	71.705	19.523	135.066	4.424		
9/7/12 20:56	46560	776	71.697	19.519	135.084	4.442		
9/7/12 21:11	47460	791	71.683	19.522	135.116	4.474		
9/7/12 21:26	48360	806	71.682	19.523	135.119	4.477		
9/7/12 21:41	49260	821	71.687	19.52	135.107	4.465		
9/7/12 21:56	50160	836	71.664	19.52	135.16	4.518		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 22:11	51060	851	71.676	19.522	135.131	4.489		
9/7/12 22:26	51960	866	71.671	19.527	135.143	4.501		
9/7/12 22:41	52860	881	71.661	19.526	135.167	4.525		
9/7/12 22:56	53760	896	71.655	19.528	135.181	4.539		
9/7/12 23:11	54660	911	71.65	19.524	135.193	4.551		
9/7/12 23:26	55560	926	71.642	19.524	135.21	4.568		
9/7/12 23:41	56460	941	71.65	19.522	135.192	4.55		
9/7/12 23:56	57360	956	71.641	19.524	135.213	4.571		
9/8/12 0:11	58260	971	71.63	19.519	135.239	4.597		
9/8/12 0:26	59160	986	71.623	19.521	135.254	4.612		
9/8/12 0:41	60060	1001	71.625	19.525	135.251	4.609		
9/8/12 0:56	60960	1016	71.617	19.521	135.267	4.625		
9/8/12 1:11	61860	1031	71.609	19.52	135.287	4.645		
9/8/12 1:26	62760	1046	71.611	19.519	135.282	4.64		
9/8/12 1:41	63660	1061	71.581	19.522	135.351	4.709		
9/8/12 1:56	64560	1076	71.598	19.523	135.313	4.671		
9/8/12 2:11	65460	1091	71.597	19.517	135.314	4.672		
9/8/12 2:26	66360	1106	71.59	19.522	135.331	4.689		
9/8/12 2:41	67260	1121	71.576	19.521	135.363	4.721		
9/8/12 2:56	68160	1136	71.58	19.512	135.354	4.712		
9/8/12 3:11	69060	1151	71.583	19.514	135.346	4.704		
9/8/12 3:26	69960	1166	71.576	19.518	135.363	4.721		
9/8/12 3:41	70860	1181	71.574	19.52	135.367	4.725		
9/8/12 3:56	71760	1196	71.577	19.517	135.361	4.719		
9/8/12 4:11	72660	1211	71.541	19.523	135.445	4.803		
9/8/12 4:26	73560	1226	71.569	19.518	135.379	4.737		
9/8/12 4:41	74460	1241	71.554	19.52	135.414	4.772		

Table F-3

Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 4:56	75360	1256	71.553	19.515	135.416	4.774		
9/8/12 5:11	76260	1271	71.545	19.515	135.435	4.793		
9/8/12 5:26	77160	1286	71.541	19.513	135.445	4.803		
9/8/12 5:41	78060	1301	71.547	19.518	135.431	4.789		
9/8/12 5:56	78960	1316	71.536	19.52	135.455	4.813		
9/8/12 6:11	79860	1331	71.522	19.522	135.487	4.845		
9/8/12 6:26	80760	1346	71.528	19.52	135.475	4.833		
9/8/12 6:41	81660	1361	71.522	19.519	135.488	4.846		
9/8/12 6:56	82560	1376	71.505	19.517	135.526	4.884		
9/8/12 7:11	83460	1391	71.516	19.519	135.502	4.86		
9/8/12 7:26	84360	1406	71.504	19.52	135.529	4.887		
9/8/12 7:41	85260	1421	71.501	19.516	135.535	4.893		
9/8/12 7:56	86160	1436	71.512	19.513	135.51	4.868		
9/8/12 8:11	87060	1451	71.518	19.515	135.496	4.854		
9/8/12 8:26	87960	1466	71.514	19.516	135.505	4.863		
9/8/12 8:41	88860	1481	71.493	19.518	135.555	4.913		
9/8/12 8:56	89760	1496	71.505	19.52	135.526	4.884		
9/8/12 9:11	90660	1511	71.502	19.512	135.534	4.892		
9/8/12 9:26	91560	1526	71.51	19.516	135.516	4.874		
9/8/12 9:41	92460	1541	71.495	19.516	135.55	4.908		
9/8/12 9:56	93360	1556	71.482	19.52	135.581	4.939		
9/8/12 10:11	94260	1571	71.496	19.515	135.548	4.906		
9/8/12 10:26	95160	1586	71.493	19.513	135.553	4.911		
9/8/12 10:41	96060	1601	71.488	19.504	135.567	4.925		
9/8/12 10:56	96960	1616	71.498	19.511	135.543	4.901		
9/8/12 11:00							135.73	
9/8/12 11:11	97860	1631	71.497	19.516	135.546	4.904		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 11:26	98760	1646	71.491	19.51	135.56	4.918		
9/8/12 11:41	99660	1661	71.491	19.508	135.56	4.918		
9/8/12 11:56	100560	1676	71.48	19.508	135.584	4.942		
9/8/12 12:11	101460	1691	71.49	19.507	135.561	4.919		
9/8/12 12:26	102360	1706	71.488	19.514	135.567	4.925		
9/8/12 12:41	103260	1721	71.479	19.512	135.587	4.945		
9/8/12 12:56	104160	1736	71.473	19.511	135.6	4.958		
9/8/12 13:11	105060	1751	71.478	19.51	135.588	4.946		
9/8/12 13:26	105960	1766	71.476	19.512	135.594	4.952		
9/8/12 13:41	106860	1781	71.466	19.512	135.617	4.975		
9/8/12 13:56	107760	1796	71.484	19.51	135.576	4.934		
9/8/12 14:11	108660	1811	71.465	19.503	135.619	4.977		
9/8/12 14:26	109560	1826	71.481	19.509	135.582	4.94		
9/8/12 14:41	110460	1841	71.463	19.508	135.623	4.981		
9/8/12 14:56	111360	1856	71.47	19.51	135.608	4.966		
9/8/12 15:11	112260	1871	71.474	19.511	135.598	4.956		
9/8/12 15:26	113160	1886	71.461	19.512	135.628	4.986		
9/8/12 15:41	114060	1901	71.463	19.511	135.625	4.983		
9/8/12 15:56	114960	1916	71.463	19.506	135.623	4.981		
9/8/12 16:11	115860	1931	71.472	19.507	135.602	4.96		
9/8/12 16:26	116760	1946	71.432	19.503	135.694	5.052		
9/8/12 16:41	117660	1961	71.444	19.512	135.669	5.027		
9/8/12 16:56	118560	1976	71.449	19.509	135.656	5.014		
9/8/12 17:11	119460	1991	71.442	19.505	135.673	5.031		
9/8/12 17:26	120360	2006	71.454	19.51	135.644	5.002		
9/8/12 17:41	121260	2021	71.455	19.511	135.643	5.001		
9/8/12 17:56	122160	2036	71.44	19.511	135.678	5.036		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 18:11	123060	2051	71.442	19.506	135.673	5.031		
9/8/12 18:26	123960	2066	71.43	19.511	135.699	5.057		
9/8/12 18:41	124860	2081	71.438	19.506	135.682	5.04		
9/8/12 18:56	125760	2096	71.43	19.508	135.699	5.057		
9/8/12 19:11	126660	2111	71.431	19.507	135.697	5.055		
9/8/12 19:26	127560	2126	71.43	19.509	135.699	5.057		
9/8/12 19:41	128460	2141	71.425	19.512	135.711	5.069		
9/8/12 19:56	129360	2156	71.41	19.512	135.746	5.104		
9/8/12 20:11	130260	2171	71.415	19.51	135.734	5.092		
9/8/12 20:26	131160	2186	71.436	19.512	135.685	5.043		
9/8/12 20:41	132060	2201	71.406	19.51	135.755	5.113		
9/8/12 20:56	132960	2216	71.42	19.502	135.723	5.081		
9/8/12 21:11	133860	2231	71.424	19.5	135.714	5.072		
9/8/12 21:26	134760	2246	71.42	19.502	135.723	5.081		
9/8/12 21:41	135660	2261	71.402	19.505	135.766	5.124		
9/8/12 21:56	136560	2276	71.413	19.503	135.738	5.096		
9/8/12 22:11	137460	2291	71.41	19.503	135.747	5.105		
9/8/12 22:26	138360	2306	71.398	19.505	135.775	5.133		
9/8/12 22:41	139260	2321	71.401	19.5	135.767	5.125		
9/8/12 22:56	140160	2336	71.416	19.504	135.732	5.09		
9/8/12 23:11	141060	2351	71.399	19.503	135.772	5.13		
9/8/12 23:26	141960	2366	71.398	19.508	135.775	5.133		
9/8/12 23:41	142860	2381	71.413	19.505	135.74	5.098		
9/8/12 23:56	143760	2396	71.399	19.508	135.772	5.13		
9/9/12 0:11	144660	2411	71.404	19.505	135.76	5.118		
9/9/12 0:26	145560	2426	71.396	19.505	135.779	5.137		
9/9/12 0:41	146460	2441	71.408	19.503	135.752	5.11		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 0:56	147360	2456	71.381	19.505	135.813	5.171		
9/9/12 1:11	148260	2471	71.406	19.504	135.755	5.113		
9/9/12 1:26	149160	2486	71.405	19.502	135.758	5.116		
9/9/12 1:41	150060	2501	71.393	19.502	135.785	5.143		
9/9/12 1:56	150960	2516	71.402	19.498	135.764	5.122		
9/9/12 2:11	151860	2531	71.396	19.507	135.778	5.136		
9/9/12 2:26	152760	2546	71.382	19.504	135.811	5.169		
9/9/12 2:41	153660	2561	71.371	19.502	135.837	5.195		
9/9/12 2:56	154560	2576	71.392	19.499	135.787	5.145		
9/9/12 3:11	155460	2591	71.377	19.495	135.823	5.181		
9/9/12 3:26	156360	2606	71.387	19.506	135.799	5.157		
9/9/12 3:41	157260	2621	71.374	19.499	135.829	5.187		
9/9/12 3:56	158160	2636	71.396	19.505	135.778	5.136		
9/9/12 4:11	159060	2651	71.39	19.497	135.793	5.151		
9/9/12 4:26	159960	2666	71.38	19.503	135.815	5.173		
9/9/12 4:41	160860	2681	71.387	19.502	135.799	5.157		
9/9/12 4:56	161760	2696	71.374	19.499	135.83	5.188		
9/9/12 5:11	162660	2711	71.373	19.497	135.832	5.19		
9/9/12 5:26	163560	2726	71.361	19.501	135.859	5.217		
9/9/12 5:41	164460	2741	71.368	19.504	135.844	5.202		
9/9/12 5:56	165360	2756	71.378	19.495	135.82	5.178		
9/9/12 6:11	166260	2771	71.366	19.504	135.849	5.207		
9/9/12 6:26	167160	2786	71.371	19.502	135.835	5.193		
9/9/12 6:41	168060	2801	71.362	19.502	135.858	5.216		
9/9/12 6:56	168960	2816	71.363	19.493	135.855	5.213		
9/9/12 7:11	169860	2831	71.376	19.498	135.825	5.183		
9/9/12 7:26	170760	2846	71.359	19.505	135.864	5.222		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 7:41	171660	2861	71.35	19.501	135.884	5.242		
9/9/12 7:56	172560	2876	71.364	19.497	135.852	5.21		
9/9/12 8:11	173460	2891	71.356	19.504	135.87	5.228		
9/9/12 8:26	174360	2906	71.368	19.503	135.844	5.202		
9/9/12 8:41	175260	2921	71.365	19.506	135.85	5.208		
9/9/12 8:56	176160	2936	71.36	19.502	135.862	5.22		
9/9/12 9:11	177060	2951	71.35	19.503	135.885	5.243		
9/9/12 9:26	177960	2966	71.354	19.506	135.876	5.234		
9/9/12 9:41	178860	2981	71.335	19.502	135.918	5.276		
9/9/12 9:56	179760	2996	71.35	19.495	135.884	5.242		
9/9/12 10:11	180660	3011	71.334	19.501	135.921	5.279		
9/9/12 10:26	181560	3026	71.348	19.499	135.89	5.248		
9/9/12 10:41	182460	3041	71.331	19.501	135.929	5.287		
9/9/12 10:56	183360	3056	71.346	19.497	135.894	5.252		
9/9/12 11:11	184260	3071	71.351	19.506	135.882	5.24		
9/9/12 11:26	185160	3086	71.35	19.492	135.885	5.243		
9/9/12 11:41	186060	3101	71.358	19.504	135.867	5.225		
9/9/12 11:56	186960	3116	71.351	19.501	135.882	5.24		
9/9/12 12:11	187860	3131	71.354	19.499	135.875	5.233		
9/9/12 12:26	188760	3146	71.365	19.493	135.85	5.208		
9/9/12 12:41	189660	3161	71.362	19.49	135.858	5.216		
9/9/12 12:56	190560	3176	71.334	19.49	135.922	5.28		
9/9/12 13:11	191460	3191	71.332	19.494	135.927	5.285		
9/9/12 13:26	192360	3206	71.359	19.502	135.864	5.222		
9/9/12 13:41	193260	3221	71.334	19.498	135.922	5.28		
9/9/12 13:56	194160	3236	71.365	19.495	135.85	5.208		
9/9/12 14:11	195060	3251	71.342	19.507	135.903	5.261		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 14:26	195960	3266	71.352	19.502	135.881	5.239		
9/9/12 14:41	196860	3281	71.337	19.495	135.914	5.272		
9/9/12 14:56	197760	3296	71.358	19.5	135.865	5.223		
9/9/12 15:11	198660	3311	71.35	19.493	135.884	5.242		
9/9/12 15:26	199560	3326	71.341	19.497	135.906	5.264		
9/9/12 15:41	200460	3341	71.323	19.491	135.948	5.306		
9/9/12 15:56	201360	3356	71.336	19.496	135.918	5.276		
9/9/12 16:11	202260	3371	71.343	19.503	135.902	5.26		
9/9/12 16:26	203160	3386	71.341	19.498	135.906	5.264		
9/9/12 16:41	204060	3401	71.35	19.499	135.884	5.242		
9/9/12 16:56	204960	3416	71.331	19.497	135.928	5.286		
9/9/12 17:11	205860	3431	71.315	19.493	135.966	5.324		
9/9/12 17:26	206760	3446	71.325	19.491	135.943	5.301		
9/9/12 17:41	207660	3461	71.341	19.498	135.906	5.264		
9/9/12 17:56	208560	3476	71.356	19.495	135.872	5.23		
9/9/12 18:11	209460	3491	71.331	19.501	135.927	5.285		
9/9/12 18:26	210360	3506	71.337	19.498	135.914	5.272		
9/9/12 18:41	211260	3521	71.332	19.494	135.926	5.284		
9/9/12 18:56	212160	3536	71.339	19.499	135.909	5.267		
9/9/12 19:11	213060	3551	71.345	19.497	135.896	5.254		
9/9/12 19:26	213960	3566	71.338	19.496	135.912	5.27		
9/9/12 19:41	214860	3581	71.342	19.501	135.903	5.261		
9/9/12 19:56	215760	3596	71.322	19.499	135.949	5.307		
9/9/12 20:11	216660	3611	71.321	19.49	135.952	5.31		
9/9/12 20:26	217560	3626	71.328	19.497	135.935	5.293		
9/9/12 20:41	218460	3641	71.315	19.491	135.964	5.322		
9/9/12 20:56	219360	3656	71.341	19.495	135.906	5.264		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 21:11	220260	3671	71.328	19.488	135.935	5.293		
9/9/12 21:26	221160	3686	71.328	19.489	135.937	5.295		
9/9/12 21:41	222060	3701	71.33	19.492	135.93	5.288		
9/9/12 21:56	222960	3716	71.331	19.502	135.927	5.285		
9/9/12 22:11	223860	3731	71.331	19.494	135.927	5.285		
9/9/12 22:26	224760	3746	71.34	19.487	135.908	5.266		
9/9/12 22:41	225660	3761	71.293	19.486	136.016	5.374		
9/9/12 22:56	226560	3776	71.319	19.489	135.957	5.315		
9/9/12 23:11	227460	3791	71.301	19.495	135.998	5.356		
9/9/12 23:26	228360	3806	71.337	19.499	135.915	5.273		
9/9/12 23:41	229260	3821	71.327	19.486	135.938	5.296		
9/9/12 23:56	230160	3836	71.343	19.493	135.902	5.26		
9/10/12 0:11	231060	3851	71.342	19.499	135.903	5.261		
9/10/12 0:26	231960	3866	71.325	19.495	135.943	5.301		
9/10/12 0:41	232860	3881	71.335	19.496	135.918	5.276		
9/10/12 0:56	233760	3896	71.336	19.489	135.917	5.275		
9/10/12 1:11	234660	3911	71.333	19.493	135.925	5.283		
9/10/12 1:26	235560	3926	71.341	19.486	135.906	5.264		
9/10/12 1:41	236460	3941	71.326	19.487	135.94	5.298		
9/10/12 1:56	237360	3956	71.315	19.494	135.965	5.323		
9/10/12 2:11	238260	3971	71.304	19.486	135.992	5.35		
9/10/12 2:26	239160	3986	71.334	19.49	135.921	5.279		
9/10/12 2:41	240060	4001	71.332	19.497	135.926	5.284		
9/10/12 2:56	240960	4016	71.307	19.488	135.984	5.342		
9/10/12 3:11	241860	4031	71.331	19.494	135.929	5.287		
9/10/12 3:26	242760	4046	71.299	19.49	136.003	5.361		
9/10/12 3:41	243660	4061	71.313	19.486	135.969	5.327		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 3:56	244560	4076	71.326	19.492	135.941	5.299		
9/10/12 4:11	245460	4091	71.336	19.493	135.917	5.275		
9/10/12 4:26	246360	4106	71.326	19.494	135.94	5.298		
9/10/12 4:41	247260	4121	71.324	19.5	135.946	5.304		
9/10/12 4:56	248160	4136	71.312	19.495	135.971	5.329		
9/10/12 5:11	249060	4151	71.33	19.491	135.93	5.288		
9/10/12 5:26	249960	4166	71.314	19.492	135.967	5.325		
9/10/12 5:41	250860	4181	71.314	19.481	135.967	5.325		
9/10/12 5:56	251760	4196	71.303	19.492	135.993	5.351		
9/10/12 6:11	252660	4211	71.311	19.488	135.974	5.332		
9/10/12 6:26	253560	4226	71.325	19.489	135.943	5.301		
9/10/12 6:41	254460	4241	71.274	19.499	136.061	5.419		
9/10/12 6:56	255360	4256	71.305	19.489	135.989	5.347		
9/10/12 7:11	256260	4271	71.302	19.492	135.996	5.354		
9/10/12 7:26	257160	4286	71.326	19.492	135.94	5.298		
9/10/12 7:41	258060	4301	71.29	19.49	136.024	5.382		
9/10/12 7:56	258960	4316	71.303	19.491	135.994	5.352		
9/10/12 8:11	259860	4331	71.306	19.495	135.987	5.345		
9/10/12 8:26	260760	4346	71.319	19.495	135.956	5.314		
9/10/12 8:41	261660	4361	71.308	19.484	135.982	5.34		
9/10/12 8:56	262560	4376	71.309	19.49	135.979	5.337		
9/10/12 9:11	263460	4391	71.304	19.497	135.991	5.349		
9/10/12 9:26	264360	4406	71.314	19.495	135.967	5.325		
9/10/12 9:41	265260	4421	71.312	19.496	135.971	5.329		
9/10/12 9:56	266160	4436	71.315	19.489	135.965	5.323		
9/10/12 10:11	267060	4451	71.313	19.499	135.97	5.328		
9/10/12 10:26	267960	4466	71.31	19.498	135.976	5.334		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 10:41	268860	4481	71.282	19.491	136.042	5.4		
9/10/12 10:56	269760	4496	71.305	19.491	135.988	5.346		
9/10/12 11:11	270660	4511	71.301	19.495	135.999	5.357		
9/10/12 11:26	271560	4526	71.289	19.491	136.027	5.385		
9/10/12 11:41	272460	4541	71.302	19.488	135.996	5.354		
9/10/12 11:56	273360	4556	71.32	19.495	135.953	5.311		
9/10/12 12:11	274260	4571	71.304	19.492	135.991	5.349		
9/10/12 12:26	275160	4586	71.313	19.495	135.97	5.328		
9/10/12 12:41	276060	4601	71.318	19.485	135.958	5.316		
9/10/12 12:56	276960	4616	71.305	19.487	135.99	5.348		
9/10/12 13:11	277860	4631	71.317	19.491	135.961	5.319		
9/10/12 13:26	278760	4646	71.314	19.499	135.968	5.326		
9/10/12 13:41	279660	4661	71.311	19.487	135.974	5.332		
9/10/12 13:56	280560	4676	71.281	19.484	136.045	5.403		
9/10/12 14:00							136.15	
9/10/12 14:11	281460	4691	71.288	19.487	136.028	5.386		
9/10/12 14:26	282360	4706	71.302	19.482	135.995	5.353		
9/10/12 14:41	283260	4721	71.331	19.489	135.929	5.287		
9/10/12 14:56	284160	4736	71.319	19.49	135.956	5.314		
9/10/12 15:11	285060	4751	71.307	19.492	135.984	5.342		
9/10/12 15:26	285960	4766	71.303	19.485	135.993	5.351		
9/10/12 15:41	286860	4781	71.305	19.492	135.99	5.348		
9/10/12 15:56	287760	4796	71.337	19.488	135.914	5.272		
9/10/12 16:11	288660	4811	71.341	19.487	135.905	5.263		
9/10/12 16:26	289560	4826	71.35	19.488	135.885	5.243		
9/10/12 16:41	290460	4841	71.329	19.493	135.934	5.292		
9/10/12 16:56	291360	4856	71.328	19.49	135.935	5.293		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 17:11	292260	4871	71.359	19.493	135.864	5.222		
9/10/12 17:26	293160	4886	71.348	19.49	135.89	5.248		
9/10/12 17:41	294060	4901	71.347	19.495	135.891	5.249		
9/10/12 17:56	294960	4916	71.34	19.487	135.908	5.266		
9/10/12 18:11	295860	4931	71.335	19.487	135.92	5.278		
9/10/12 18:26	296760	4946	71.343	19.497	135.9	5.258		
9/10/12 18:41	297660	4961	71.321	19.49	135.952	5.31		
9/10/12 18:56	298560	4976	71.338	19.495	135.912	5.27		
9/10/12 19:11	299460	4991	71.334	19.495	135.921	5.279		
9/10/12 19:26	300360	5006	71.298	19.492	136.005	5.363		
9/10/12 19:41	301260	5021	71.316	19.495	135.962	5.32		
9/10/12 19:56	302160	5036	71.314	19.49	135.968	5.326		
9/10/12 20:11	303060	5051	71.317	19.487	135.96	5.318		
9/10/12 20:26	303960	5066	71.301	19.494	135.998	5.356		
9/10/12 20:41	304860	5081	71.332	19.493	135.926	5.284		
9/10/12 20:56	305760	5096	71.318	19.492	135.959	5.317		
9/10/12 21:11	306660	5111	71.326	19.487	135.941	5.299		
9/10/12 21:26	307560	5126	71.294	19.491	136.013	5.371		
9/10/12 21:41	308460	5141	71.32	19.493	135.955	5.313		
9/10/12 21:56	309360	5156	71.318	19.492	135.958	5.316		
9/10/12 22:11	310260	5171	71.305	19.493	135.988	5.346		
9/10/12 22:26	311160	5186	71.33	19.49	135.93	5.288		
9/10/12 22:41	312060	5201	71.32	19.491	135.955	5.313		
9/10/12 22:56	312960	5216	71.324	19.497	135.946	5.304		
9/10/12 23:11	313860	5231	71.326	19.49	135.94	5.298		
9/10/12 23:26	314760	5246	71.335	19.493	135.918	5.276		
9/10/12 23:41	315660	5261	71.313	19.489	135.969	5.327		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 23:56	316560	5276	71.332	19.493	135.926	5.284		
9/11/12 0:11	317460	5291	71.333	19.497	135.925	5.283		
9/11/12 0:26	318360	5306	71.325	19.497	135.943	5.301		
9/11/12 0:41	319260	5321	71.319	19.495	135.956	5.314		
9/11/12 0:56	320160	5336	71.313	19.492	135.971	5.329		
9/11/12 1:11	321060	5351	71.321	19.494	135.952	5.31		
9/11/12 1:26	321960	5366	71.325	19.496	135.943	5.301		
9/11/12 1:41	322860	5381	71.283	19.493	136.04	5.398		
9/11/12 1:56	323760	5396	71.316	19.491	135.964	5.322		
9/11/12 2:11	324660	5411	71.314	19.491	135.967	5.325		
9/11/12 2:26	325560	5426	71.33	19.491	135.93	5.288		
9/11/12 2:41	326460	5441	71.322	19.494	135.949	5.307		
9/11/12 2:56	327360	5456	71.315	19.494	135.965	5.323		
9/11/12 3:11	328260	5471	71.321	19.494	135.951	5.309		
9/11/12 3:26	329160	5486	71.335	19.492	135.918	5.276		
9/11/12 3:41	330060	5501	71.316	19.491	135.962	5.32		
9/11/12 3:56	330960	5516	71.324	19.491	135.946	5.304		
9/11/12 4:11	331860	5531	71.313	19.489	135.97	5.328		
9/11/12 4:26	332760	5546	71.301	19.488	135.998	5.356		
9/11/12 4:41	333660	5561	71.305	19.488	135.989	5.347		
9/11/12 4:56	334560	5576	71.289	19.494	136.027	5.385		
9/11/12 5:11	335460	5591	71.312	19.488	135.973	5.331		
9/11/12 5:26	336360	5606	71.302	19.492	135.996	5.354		
9/11/12 5:41	337260	5621	71.295	19.487	136.011	5.369		
9/11/12 5:56	338160	5636	71.288	19.49	136.028	5.386		
9/11/12 6:11	339060	5651	71.314	19.494	135.968	5.326		
9/11/12 6:26	339960	5666	71.309	19.488	135.979	5.337		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 6:41	340860	5681	71.287	19.488	136.03	5.388		
9/11/12 6:56	341760	5696	71.298	19.491	136.004	5.362		
9/11/12 7:11	342660	5711	71.295	19.487	136.011	5.369		
9/11/12 7:26	343560	5726	71.323	19.488	135.947	5.305		
9/11/12 7:41	344460	5741	71.293	19.492	136.017	5.375		
9/11/12 7:56	345360	5756	71.287	19.492	136.031	5.389		
9/11/12 8:11	346260	5771	71.319	19.493	135.956	5.314		
9/11/12 8:26	347160	5786	71.312	19.489	135.973	5.331		
9/11/12 8:41	348060	5801	71.308	19.491	135.982	5.34		
9/11/12 8:56	348960	5816	71.309	19.493	135.98	5.338		
9/11/12 9:11	349860	5831	71.311	19.49	135.974	5.332		
9/11/12 9:26	350760	5846	71.313	19.491	135.97	5.328		
9/11/12 9:41	351660	5861	71.309	19.489	135.98	5.338		
9/11/12 9:56	352560	5876	71.301	19.494	135.999	5.357		
9/11/12 10:11	353460	5891	71.31	19.484	135.977	5.335		
9/11/12 10:26	354360	5906	71.31	19.486	135.977	5.335		
9/11/12 10:41	355260	5921	71.307	19.484	135.985	5.343		
9/11/12 10:56	356160	5936	71.284	19.493	136.037	5.395		
9/11/12 11:11	357060	5951	71.301	19.49	135.999	5.357		
9/11/12 11:26	357960	5966	71.305	19.49	135.988	5.346		
9/11/12 11:41	358860	5981	71.305	19.487	135.988	5.346		
9/11/12 11:56	359760	5996	71.323	19.484	135.947	5.305		
9/11/12 12:11	360660	6011	71.283	19.489	136.039	5.397		
9/11/12 12:26	361560	6026	71.307	19.489	135.984	5.342		
9/11/12 12:41	362460	6041	71.303	19.486	135.993	5.351		
9/11/12 12:56	363360	6056	71.316	19.49	135.962	5.32		
9/11/12 13:11	364260	6071	71.335	19.489	135.918	5.276		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 13:26	365160	6086	71.312	19.495	135.973	5.331		
9/11/12 13:41	366060	6101	71.318	19.494	135.959	5.317		
9/11/12 13:50							136.24	
9/11/12 13:56	366960	6116	71.326	19.49	135.941	5.299		
9/11/12 14:11	367860	6131	71.299	19.49	136.002	5.36		
9/11/12 14:26	368760	6146	71.309	19.492	135.98	5.338		
9/11/12 14:41	369660	6161	71.291	19.487	136.022	5.38		
9/11/12 14:56	370560	6176	71.281	19.486	136.043	5.401		
9/11/12 15:11	371460	6191	71.314	19.484	135.967	5.325		
9/11/12 15:26	372360	6206	71.31	19.486	135.977	5.335		
9/11/12 15:41	373260	6221	71.291	19.48	136.022	5.38		
9/11/12 15:56	374160	6236	71.303	19.483	135.993	5.351		
9/11/12 16:11	375060	6251	71.318	19.489	135.958	5.316		
9/11/12 16:26	375960	6266	71.317	19.493	135.961	5.319		
9/11/12 16:41	376860	6281	71.291	19.488	136.02	5.378		
9/11/12 16:56	377760	6296	71.326	19.484	135.94	5.298		
9/11/12 17:11	378660	6311	71.28	19.491	136.046	5.404		
9/11/12 17:26	379560	6326	71.266	19.484	136.08	5.438		
9/11/12 17:41	380460	6341	71.313	19.483	135.97	5.328		
9/11/12 17:56	381360	6356	71.31	19.485	135.976	5.334		
9/11/12 18:11	382260	6371	71.314	19.485	135.968	5.326		
9/11/12 18:26	383160	6386	71.312	19.483	135.973	5.331		
9/11/12 18:41	384060	6401	71.307	19.488	135.985	5.343		
9/11/12 18:56	384960	6416	71.304	19.484	135.991	5.349		
9/11/12 19:11	385860	6431	71.305	19.48	135.99	5.348		
9/11/12 19:26	386760	6446	71.314	19.483	135.967	5.325		
9/11/12 19:41	387660	6461	71.311	19.49	135.974	5.332		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 19:56	388560	6476	71.302	19.491	135.996	5.354		
9/11/12 20:11	389460	6491	71.299	19.485	136.002	5.36		
9/11/12 20:26	390360	6506	71.291	19.487	136.022	5.38		
9/11/12 20:41	391260	6521	71.311	19.491	135.974	5.332		
9/11/12 20:56	392160	6536	71.291	19.491	136.021	5.379		
9/11/12 21:11	393060	6551	71.292	19.49	136.018	5.376		
9/11/12 21:26	393960	6566	71.306	19.484	135.987	5.345		
9/11/12 21:41	394860	6581	71.284	19.481	136.037	5.395		
9/11/12 21:56	395760	6596	71.296	19.486	136.009	5.367		
9/11/12 22:11	396660	6611	71.309	19.487	135.98	5.338		
9/11/12 22:26	397560	6626	71.292	19.484	136.018	5.376		
9/11/12 22:41	398460	6641	71.276	19.48	136.055	5.413		
9/11/12 22:56	399360	6656	71.309	19.484	135.979	5.337		
9/11/12 23:11	400260	6671	71.271	19.489	136.067	5.425		
9/11/12 23:26	401160	6686	71.301	19.488	135.997	5.355		
9/11/12 23:41	402060	6701	71.276	19.484	136.056	5.414		
9/11/12 23:56	402960	6716	71.287	19.482	136.031	5.389		
9/12/12 0:11	403860	6731	71.279	19.487	136.048	5.406		
9/12/12 0:26	404760	6746	71.282	19.482	136.042	5.4		
9/12/12 0:41	405660	6761	71.28	19.482	136.046	5.404		
9/12/12 0:56	406560	6776	71.277	19.483	136.054	5.412		
9/12/12 1:11	407460	6791	71.284	19.486	136.037	5.395		
9/12/12 1:26	408360	6806	71.301	19.486	135.999	5.357		
9/12/12 1:41	409260	6821	71.307	19.484	135.985	5.343		
9/12/12 1:56	410160	6836	71.279	19.487	136.048	5.406		
9/12/12 2:11	411060	6851	71.277	19.479	136.052	5.41		
9/12/12 2:26	411960	6866	71.268	19.483	136.074	5.432		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 2:41	412860	6881	71.266	19.483	136.078	5.436		
9/12/12 2:56	413760	6896	71.28	19.48	136.046	5.404		
9/12/12 3:11	414660	6911	71.281	19.481	136.043	5.401		
9/12/12 3:26	415560	6926	71.265	19.483	136.081	5.439		
9/12/12 3:41	416460	6941	71.291	19.485	136.021	5.379		
9/12/12 3:56	417360	6956	71.304	19.486	135.991	5.349		
9/12/12 4:11	418260	6971	71.307	19.484	135.984	5.342		
9/12/12 4:26	419160	6986	71.297	19.489	136.008	5.366		
9/12/12 4:41	420060	7001	71.272	19.486	136.066	5.424		
9/12/12 4:56	420960	7016	71.297	19.479	136.006	5.364		
9/12/12 5:11	421860	7031	71.279	19.478	136.049	5.407		
9/12/12 5:26	422760	7046	71.262	19.484	136.089	5.447		
9/12/12 5:41	423660	7061	71.286	19.484	136.032	5.39		
9/12/12 5:56	424560	7076	71.272	19.478	136.066	5.424		
9/12/12 6:11	425460	7091	71.295	19.482	136.012	5.37		
9/12/12 6:26	426360	7106	71.298	19.484	136.005	5.363		
9/12/12 6:41	427260	7121	71.267	19.482	136.076	5.434		
9/12/12 6:56	428160	7136	71.281	19.484	136.044	5.402		
9/12/12 7:11	429060	7151	71.288	19.484	136.027	5.385		
9/12/12 7:26	429960	7166	71.295	19.478	136.012	5.37		
9/12/12 7:41	430860	7181	71.295	19.481	136.012	5.37		
9/12/12 7:56	431760	7196	71.263	19.486	136.086	5.444		
9/12/12 8:11	432660	7211	71.297	19.489	136.006	5.364		
9/12/12 8:26	433560	7226	71.293	19.484	136.015	5.373		
9/12/12 8:41	434460	7241	71.285	19.475	136.035	5.393		
9/12/12 8:56	435360	7256	71.249	19.475	136.119	5.477		
9/12/12 9:11	436260	7271	71.265	19.482	136.08	5.438		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 9:26	437160	7286	71.284	19.482	136.037	5.395		
9/12/12 9:41	438060	7301	71.241	19.483	136.137	5.495		
9/12/12 9:56	438960	7316	71.26	19.48	136.093	5.451		
9/12/12 10:11	439860	7331	71.253	19.483	136.11	5.468		
9/12/12 10:26	440760	7346	71.256	19.486	136.102	5.46		
9/12/12 10:41	441660	7361	71.26	19.481	136.093	5.451		
9/12/12 10:56	442560	7376	71.254	19.481	136.107	5.465		
9/12/12 11:11	443460	7391	71.235	19.478	136.149	5.507		
9/12/12 11:26	444360	7406	71.282	19.488	136.041	5.399		
9/12/12 11:41	445260	7421	71.254	19.483	136.106	5.464		
9/12/12 11:56	446160	7436	71.274	19.483	136.059	5.417		
9/12/12 12:11	447060	7451	71.301	19.482	135.999	5.357		
9/12/12 12:26	447960	7466	71.275	19.481	136.058	5.416		
9/12/12 12:41	448860	7481	71.288	19.483	136.027	5.385		
9/12/12 12:56	449760	7496	71.291	19.484	136.02	5.378		
9/12/12 13:11	450660	7511	71.26	19.484	136.092	5.45		
9/12/12 13:26	451560	7526	71.287	19.488	136.031	5.389		
9/12/12 13:41	452460	7541	71.295	19.481	136.011	5.369		
9/12/12 13:56	453360	7556	71.278	19.483	136.05	5.408		
9/12/12 14:11	454260	7571	71.284	19.491	136.037	5.395		
9/12/12 14:26	455160	7586	71.253	19.48	136.108	5.466		
9/12/12 14:41	456060	7601	71.285	19.484	136.036	5.394		
9/12/12 14:56	456960	7616	71.284	19.484	136.037	5.395		
9/12/12 15:11	457860	7631	71.287	19.479	136.031	5.389		
9/12/12 15:26	458760	7646	71.295	19.48	136.012	5.37		
9/12/12 15:41	459660	7661	71.284	19.483	136.038	5.396		
9/12/12 15:56	460560	7676	71.31	19.484	135.976	5.334		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 16:11	461460	7691	71.288	19.484	136.029	5.387		
9/12/12 16:26	462360	7706	71.301	19.481	135.997	5.355		
9/12/12 16:41	463260	7721	71.273	19.484	136.063	5.421		
9/12/12 16:56	464160	7736	71.268	19.489	136.075	5.433		
9/12/12 17:11	465060	7751	71.264	19.483	136.084	5.442		
9/12/12 17:26	465960	7766	71.28	19.484	136.047	5.405		
9/12/12 17:41	466860	7781	71.287	19.484	136.031	5.389		
9/12/12 17:56	467760	7796	71.293	19.483	136.015	5.373		
9/12/12 18:11	468660	7811	71.289	19.481	136.026	5.384		
9/12/12 18:26	469560	7826	71.268	19.481	136.074	5.432		
9/12/12 18:41	470460	7841	71.293	19.487	136.017	5.375		
9/12/12 18:56	471360	7856	71.29	19.472	136.023	5.381		
9/12/12 19:11	472260	7871	71.295	19.487	136.011	5.369		
9/12/12 19:26	473160	7886	71.282	19.48	136.041	5.399		
9/12/12 19:41	474060	7901	71.294	19.476	136.014	5.372		
9/12/12 19:56	474960	7916	71.265	19.477	136.08	5.438		
9/12/12 20:11	475860	7931	71.258	19.476	136.096	5.454		
9/12/12 20:26	476760	7946	71.247	19.472	136.122	5.48		
9/12/12 20:41	477660	7961	71.243	19.473	136.131	5.489		
9/12/12 20:56	478560	7976	71.284	19.478	136.038	5.396		
9/12/12 21:11	479460	7991	71.291	19.478	136.02	5.378		
9/12/12 21:26	480360	8006	71.277	19.48	136.053	5.411		
9/12/12 21:41	481260	8021	71.251	19.475	136.114	5.472		
9/12/12 21:56	482160	8036	71.288	19.483	136.029	5.387		
9/12/12 22:11	483060	8051	71.246	19.475	136.125	5.483		
9/12/12 22:26	483960	8066	71.251	19.477	136.113	5.471		
9/12/12 22:41	484860	8081	71.257	19.484	136.099	5.457		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 22:56	485760	8096	71.283	19.477	136.04	5.398		
9/12/12 23:11	486660	8111	71.264	19.48	136.083	5.441		
9/12/12 23:26	487560	8126	71.241	19.483	136.136	5.494		
9/12/12 23:41	488460	8141	71.261	19.48	136.091	5.449		
9/12/12 23:56	489360	8156	71.27	19.488	136.07	5.428		
9/13/12 0:11	490260	8171	71.266	19.481	136.079	5.437		
9/13/12 0:26	491160	8186	71.254	19.48	136.107	5.465		
9/13/12 0:41	492060	8201	71.282	19.483	136.043	5.401		
9/13/12 0:56	492960	8216	71.276	19.477	136.056	5.414		
9/13/12 1:11	493860	8231	71.251	19.48	136.114	5.472		
9/13/12 1:26	494760	8246	71.256	19.484	136.102	5.46		
9/13/12 1:41	495660	8261	71.255	19.48	136.105	5.463		
9/13/12 1:56	496560	8276	71.284	19.479	136.037	5.395		
9/13/12 2:11	497460	8291	71.278	19.478	136.05	5.408		
9/13/12 2:26	498360	8306	71.28	19.476	136.046	5.404		
9/13/12 2:41	499260	8321	71.253	19.486	136.11	5.468		
9/13/12 2:56	500160	8336	71.262	19.475	136.089	5.447		
9/13/12 3:11	501060	8351	71.277	19.486	136.053	5.411		
9/13/12 3:26	501960	8366	71.247	19.477	136.123	5.481		
9/13/12 3:41	502860	8381	71.267	19.49	136.077	5.435		
9/13/12 3:56	503760	8396	71.241	19.484	136.137	5.495		
9/13/12 4:11	504660	8411	71.278	19.487	136.05	5.408		
9/13/12 4:26	505560	8426	71.251	19.48	136.113	5.471		
9/13/12 4:41	506460	8441	71.241	19.491	136.136	5.494		
9/13/12 4:56	507360	8456	71.264	19.48	136.084	5.442		
9/13/12 5:11	508260	8471	71.26	19.481	136.092	5.45		
9/13/12 5:26	509160	8486	71.252	19.479	136.111	5.469		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 5:41	510060	8501	71.249	19.477	136.119	5.477		
9/13/12 5:56	510960	8516	71.244	19.479	136.129	5.487		
9/13/12 6:11	511860	8531	71.261	19.472	136.09	5.448		
9/13/12 6:26	512760	8546	71.262	19.48	136.088	5.446		
9/13/12 6:41	513660	8561	71.269	19.478	136.073	5.431		
9/13/12 6:56	514560	8576	71.241	19.474	136.137	5.495		
9/13/12 7:11	515460	8591	71.255	19.479	136.105	5.463		
9/13/12 7:26	516360	8606	71.249	19.48	136.118	5.476		
9/13/12 7:41	517260	8621	71.251	19.478	136.114	5.472		
9/13/12 7:56	518160	8636	71.247	19.476	136.122	5.48		
9/13/12 8:11	519060	8651	71.252	19.474	136.111	5.469		
9/13/12 8:26	519960	8666	71.226	19.484	136.17	5.528		
9/13/12 8:41	520860	8681	71.222	19.487	136.179	5.537		
9/13/12 8:56	521760	8696	71.243	19.481	136.133	5.491		
9/13/12 9:11	522660	8711	71.245	19.483	136.128	5.486		
9/13/12 9:26	523560	8726	71.257	19.477	136.1	5.458		
9/13/12 9:41	524460	8741	71.239	19.477	136.142	5.5		
9/13/12 9:56	525360	8756	71.234	19.477	136.152	5.51		
9/13/12 10:11	526260	8771	71.239	19.474	136.142	5.5		
9/13/12 10:26	527160	8786	71.231	19.472	136.16	5.518		
9/13/12 10:41	528060	8801	71.249	19.475	136.117	5.475		
9/13/12 10:56	528960	8816	71.238	19.471	136.143	5.501		
9/13/12 11:11	529860	8831	71.239	19.47	136.142	5.5		
9/13/12 11:26	530760	8846	71.235	19.477	136.151	5.509		
9/13/12 11:41	531660	8861	71.263	19.482	136.087	5.445		
9/13/12 11:56	532560	8876	71.251	19.49	136.112	5.47		
9/13/12 12:11	533460	8891	71.257	19.484	136.099	5.457		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 12:26	534360	8906	71.233	19.475	136.154	5.512		
9/13/12 12:41	535260	8921	71.253	19.476	136.11	5.468		
9/13/12 12:56	536160	8936	71.241	19.48	136.137	5.495		
9/13/12 13:11	537060	8951	71.273	19.484	136.062	5.42		
9/13/12 13:26	537960	8966	71.259	19.488	136.096	5.454		
9/13/12 13:41	538860	8981	71.259	19.481	136.096	5.454		
9/13/12 13:56	539760	8996	71.247	19.482	136.122	5.48		
9/13/12 14:11	540660	9011	71.245	19.484	136.128	5.486		
9/13/12 14:26	541560	9026	71.247	19.483	136.122	5.48		
9/13/12 14:41	542460	9041	71.246	19.477	136.125	5.483		
9/13/12 14:56	543360	9056	71.27	19.486	136.068	5.426		
9/13/12 15:11	544260	9071	71.264	19.486	136.083	5.441		
9/13/12 15:26	545160	9086	71.242	19.481	136.134	5.492		
9/13/12 15:41	546060	9101	71.238	19.481	136.143	5.501		
9/13/12 15:56	546960	9116	71.251	19.476	136.113	5.471		
9/13/12 16:11	547860	9131	71.264	19.478	136.083	5.441		
9/13/12 16:26	548760	9146	71.269	19.485	136.073	5.431		
9/13/12 16:41	549660	9161	71.265	19.486	136.08	5.438		
9/13/12 16:56	550560	9176	71.266	19.487	136.079	5.437		
9/13/12 17:11	551460	9191	71.272	19.489	136.065	5.423		
9/13/12 17:26	552360	9206	71.238	19.487	136.144	5.502		
9/13/12 17:41	553260	9221	71.269	19.484	136.073	5.431		
9/13/12 17:56	554160	9236	71.245	19.483	136.126	5.484		
9/13/12 18:11	555060	9251	71.247	19.486	136.122	5.48		
9/13/12 18:26	555960	9266	71.235	19.484	136.149	5.507		
9/13/12 18:41	556860	9281	71.259	19.477	136.094	5.452		
9/13/12 18:56	557760	9296	71.232	19.477	136.157	5.515		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 19:11	558660	9311	71.244	19.479	136.129	5.487		
9/13/12 19:26	559560	9326	71.243	19.479	136.131	5.489		
9/13/12 19:41	560460	9341	71.263	19.475	136.085	5.443		
9/13/12 19:56	561360	9356	71.25	19.483	136.117	5.475		
9/13/12 20:11	562260	9371	71.218	19.479	136.19	5.548		
9/13/12 20:26	563160	9386	71.248	19.477	136.121	5.479		
9/13/12 20:41	564060	9401	71.226	19.478	136.172	5.53		
9/13/12 20:56	564960	9416	71.226	19.484	136.17	5.528		
9/13/12 21:11	565860	9431	71.212	19.479	136.204	5.562		
9/13/12 21:26	566760	9446	71.264	19.481	136.083	5.441		
9/13/12 21:41	567660	9461	71.239	19.475	136.14	5.498		
9/13/12 21:56	568560	9476	71.226	19.481	136.17	5.528		
9/13/12 22:11	569460	9491	71.244	19.48	136.129	5.487		
9/13/12 22:26	570360	9506	71.231	19.48	136.16	5.518		
9/13/12 22:41	571260	9521	71.25	19.479	136.117	5.475		
9/13/12 22:56	572160	9536	71.207	19.483	136.216	5.574		
9/13/12 23:11	573060	9551	71.215	19.475	136.196	5.554		
9/13/12 23:26	573960	9566	71.262	19.48	136.088	5.446		
9/13/12 23:41	574860	9581	71.227	19.481	136.169	5.527		
9/13/12 23:56	575760	9596	71.217	19.482	136.192	5.55		
9/14/12 0:11	576660	9611	71.23	19.478	136.163	5.521		
9/14/12 0:26	577560	9626	71.248	19.484	136.121	5.479		
9/14/12 0:41	578460	9641	71.236	19.484	136.147	5.505		
9/14/12 0:56	579360	9656	71.22	19.482	136.186	5.544		
9/14/12 1:11	580260	9671	71.213	19.478	136.201	5.559		
9/14/12 1:26	581160	9686	71.237	19.472	136.145	5.503		
9/14/12 1:41	582060	9701	71.229	19.477	136.164	5.522		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 1:56	582960	9716	71.237	19.479	136.146	5.504		
9/14/12 2:11	583860	9731	71.227	19.484	136.169	5.527		
9/14/12 2:26	584760	9746	71.222	19.483	136.181	5.539		
9/14/12 2:41	585660	9761	71.236	19.479	136.149	5.507		
9/14/12 2:56	586560	9776	71.242	19.478	136.135	5.493		
9/14/12 3:11	587460	9791	71.221	19.479	136.182	5.54		
9/14/12 3:26	588360	9806	71.219	19.475	136.187	5.545		
9/14/12 3:41	589260	9821	71.226	19.473	136.17	5.528		
9/14/12 3:56	590160	9836	71.228	19.472	136.166	5.524		
9/14/12 4:11	591060	9851	71.223	19.475	136.178	5.536		
9/14/12 4:26	591960	9866	71.239	19.479	136.141	5.499		
9/14/12 4:41	592860	9881	71.24	19.486	136.14	5.498		
9/14/12 4:56	593760	9896	71.231	19.475	136.159	5.517		
9/14/12 5:11	594660	9911	71.234	19.475	136.152	5.51		
9/14/12 5:26	595560	9926	71.214	19.476	136.199	5.557		
9/14/12 5:41	596460	9941	71.212	19.475	136.204	5.562		
9/14/12 5:56	597360	9956	71.24	19.478	136.138	5.496		
9/14/12 6:11	598260	9971	71.232	19.477	136.158	5.516		
9/14/12 6:26	599160	9986	71.217	19.478	136.192	5.55		
9/14/12 6:41	600060	10001	71.223	19.482	136.178	5.536		
9/14/12 6:56	600960	10016	71.245	19.476	136.127	5.485		
9/14/12 7:11	601860	10031	71.217	19.477	136.191	5.549		
9/14/12 7:26	602760	10046	71.238	19.484	136.144	5.502		
9/14/12 7:41	603660	10061	71.234	19.486	136.153	5.511		
9/14/12 7:56	604560	10076	71.24	19.473	136.138	5.496		
9/14/12 8:11	605460	10091	71.197	19.479	136.239	5.597		
9/14/12 8:26	606360	10106	71.246	19.481	136.124	5.482		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 8:41	607260	10121	71.225	19.479	136.173	5.531		
9/14/12 8:56	608160	10136	71.22	19.479	136.186	5.544		
9/14/12 9:11	609060	10151	71.239	19.486	136.141	5.499		
9/14/12 9:26	609960	10166	71.236	19.484	136.147	5.505		
9/14/12 9:41	610860	10181	71.238	19.489	136.142	5.5		
9/14/12 9:56	611760	10196	71.224	19.482	136.175	5.533		
9/14/12 10:11	612660	10211	71.201	19.479	136.228	5.586		
9/14/12 10:26	613560	10226	71.212	19.478	136.204	5.562		
9/14/12 10:41	614460	10241	71.225	19.472	136.173	5.531		
9/14/12 10:56	615360	10256	71.224	19.48	136.176	5.534		
9/14/12 11:11	616260	10271	71.228	19.484	136.167	5.525		
9/14/12 11:26	617160	10286	71.206	19.484	136.217	5.575		
9/14/12 11:41	618060	10301	71.217	19.486	136.192	5.55		
9/14/12 11:56	618960	10316	71.229	19.484	136.164	5.522		
9/14/12 12:11	619860	10331	71.224	19.481	136.176	5.534		
9/14/12 12:26	620760	10346	71.213	19.483	136.201	5.559		
9/14/12 12:41	621660	10361	71.205	19.482	136.22	5.578		
9/14/12 12:56	622560	10376	71.233	19.484	136.155	5.513		
9/14/12 13:11	623460	10391	71.231	19.48	136.159	5.517		
9/14/12 13:26	624360	10406	71.225	19.48	136.173	5.531		
9/14/12 13:41	625260	10421	71.221	19.483	136.182	5.54		
9/14/12 13:56	626160	10436	71.247	19.484	136.123	5.481		
9/14/12 14:11	627060	10451	71.22	19.482	136.186	5.544		
9/14/12 14:26	627960	10466	71.212	19.476	136.202	5.56		
9/14/12 14:41	628860	10481	71.224	19.477	136.175	5.533		
9/14/12 14:56	629760	10496	71.246	19.476	136.124	5.482		
9/14/12 15:11	630660	10511	71.246	19.477	136.124	5.482		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 15:26	631560	10526	71.216	19.476	136.195	5.553		
9/14/12 15:41	632460	10541	71.224	19.477	136.176	5.534		
9/14/12 15:56	633360	10556	71.222	19.473	136.181	5.539		
9/14/12 16:11	634260	10571	71.23	19.48	136.163	5.521		
9/14/12 16:26	635160	10586	71.226	19.473	136.172	5.53		
9/14/12 16:41	636060	10601	71.251	19.478	136.112	5.47		
9/14/12 16:56	636960	10616	71.227	19.479	136.169	5.527		
9/14/12 17:11	637860	10631	71.222	19.477	136.179	5.537		
9/14/12 17:26	638760	10646	71.218	19.481	136.189	5.547		
9/14/12 17:41	639660	10661	71.222	19.479	136.179	5.537		
9/14/12 17:56	640560	10676	71.232	19.481	136.156	5.514		
9/14/12 18:11	641460	10691	71.246	19.479	136.124	5.482		
9/14/12 18:26	642360	10706	71.201	19.483	136.229	5.587		
9/14/12 18:41	643260	10721	71.252	19.479	136.111	5.469		
9/14/12 18:56	644160	10736	71.227	19.478	136.169	5.527		
9/14/12 19:11	645060	10751	71.234	19.477	136.152	5.51		
9/14/12 19:26	645960	10766	71.244	19.478	136.13	5.488		
9/14/12 19:41	646860	10781	71.213	19.478	136.2	5.558		
9/14/12 19:56	647760	10796	71.245	19.471	136.127	5.485		
9/14/12 20:11	648660	10811	71.221	19.48	136.182	5.54		
9/14/12 20:26	649560	10826	71.202	19.484	136.226	5.584		
9/14/12 20:41	650460	10841	71.201	19.472	136.228	5.586		
9/14/12 20:56	651360	10856	71.209	19.478	136.21	5.568		
9/14/12 21:11	652260	10871	71.229	19.486	136.164	5.522		
9/14/12 21:26	653160	10886	71.192	19.486	136.249	5.607		
9/14/12 21:41	654060	10901	71.236	19.484	136.148	5.506		
9/14/12 21:56	654960	10916	71.225	19.483	136.173	5.531		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 22:11	655860	10931	71.213	19.478	136.2	5.558		
9/14/12 22:26	656760	10946	71.205	19.479	136.22	5.578		
9/14/12 22:41	657660	10961	71.205	19.48	136.219	5.577		
9/14/12 22:56	658560	10976	71.213	19.477	136.201	5.559		
9/14/12 23:11	659460	10991	71.199	19.484	136.233	5.591		
9/14/12 23:26	660360	11006	71.198	19.48	136.235	5.593		
9/14/12 23:41	661260	11021	71.208	19.477	136.213	5.571		
9/14/12 23:56	662160	11036	71.195	19.478	136.242	5.6		
9/15/12 0:11	663060	11051	71.197	19.481	136.239	5.597		
9/15/12 0:26	663960	11066	71.212	19.48	136.204	5.562		
9/15/12 0:41	664860	11081	71.227	19.473	136.17	5.528		
9/15/12 0:56	665760	11096	71.209	19.478	136.211	5.569		
9/15/12 1:11	666660	11111	71.21	19.477	136.208	5.566		
9/15/12 1:26	667560	11126	71.218	19.478	136.189	5.547		
9/15/12 1:41	668460	11141	71.209	19.475	136.21	5.568		
9/15/12 1:56	669360	11156	71.205	19.477	136.219	5.577		
9/15/12 2:11	670260	11171	71.204	19.475	136.222	5.58		
9/15/12 2:26	671160	11186	71.223	19.477	136.179	5.537		
9/15/12 2:41	672060	11201	71.224	19.487	136.176	5.534		
9/15/12 2:56	672960	11216	71.244	19.477	136.129	5.487		
9/15/12 3:11	673860	11231	71.21	19.477	136.208	5.566		
9/15/12 3:26	674760	11246	71.197	19.471	136.239	5.597		
9/15/12 3:41	675660	11261	71.22	19.476	136.186	5.544		
9/15/12 3:56	676560	11276	71.195	19.477	136.242	5.6		
9/15/12 4:11	677460	11291	71.207	19.472	136.214	5.572		
9/15/12 4:26	678360	11306	71.225	19.476	136.173	5.531		
9/15/12 4:41	679260	11321	71.222	19.48	136.179	5.537		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 4:56	680160	11336	71.203	19.475	136.223	5.581		
9/15/12 5:11	681060	11351	71.211	19.475	136.207	5.565		
9/15/12 5:26	681960	11366	71.224	19.477	136.175	5.533		
9/15/12 5:41	682860	11381	71.215	19.476	136.195	5.553		
9/15/12 5:56	683760	11396	71.205	19.478	136.22	5.578		
9/15/12 6:11	684660	11411	71.199	19.48	136.233	5.591		
9/15/12 6:26	685560	11426	71.209	19.48	136.21	5.568		
9/15/12 6:41	686460	11441	71.228	19.484	136.167	5.525		
9/15/12 6:56	687360	11456	71.2	19.479	136.231	5.589		
9/15/12 7:11	688260	11471	71.234	19.479	136.153	5.511		
9/15/12 7:26	689160	11486	71.217	19.475	136.191	5.549		
9/15/12 7:41	690060	11501	71.204	19.486	136.222	5.58		
9/15/12 7:56	690960	11516	71.187	19.481	136.261	5.619		
9/15/12 8:11	691860	11531	71.209	19.484	136.211	5.569		
9/15/12 8:26	692760	11546	71.209	19.484	136.21	5.568		
9/15/12 8:41	693660	11561	71.227	19.483	136.17	5.528		
9/15/12 8:56	694560	11576	71.193	19.476	136.247	5.605		
9/15/12 9:11	695460	11591	71.196	19.484	136.24	5.598		
9/15/12 9:26	696360	11606	71.197	19.478	136.237	5.595		
9/15/12 9:41	697260	11621	71.201	19.473	136.228	5.586		
9/15/12 9:56	698160	11636	71.214	19.481	136.199	5.557		
9/15/12 10:11	699060	11651	71.193	19.48	136.247	5.605		
9/15/12 10:26	699960	11666	71.22	19.486	136.185	5.543		
9/15/12 10:41	700860	11681	71.227	19.478	136.17	5.528		
9/15/12 10:56	701760	11696	71.199	19.472	136.234	5.592		
9/15/12 11:11	702660	11711	71.217	19.484	136.193	5.551		
9/15/12 11:26	703560	11726	71.219	19.483	136.188	5.546		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 11:41	704460	11741	71.207	19.479	136.216	5.574		
9/15/12 11:56	705360	11756	71.225	19.47	136.174	5.532		
9/15/12 12:11	706260	11771	71.201	19.478	136.228	5.586		
9/15/12 12:26	707160	11786	71.226	19.48	136.171	5.529		
9/15/12 12:41	708060	11801	71.208	19.477	136.213	5.571		
9/15/12 12:56	708960	11816	71.225	19.481	136.173	5.531		
9/15/12 13:11	709860	11831	71.204	19.475	136.222	5.58		
9/15/12 13:26	710760	11846	71.209	19.479	136.211	5.569		
9/15/12 13:41	711660	11861	71.211	19.481	136.205	5.563		
9/15/12 13:56	712560	11876	71.207	19.475	136.216	5.574		
9/15/12 14:11	713460	11891	71.212	19.476	136.204	5.562		
9/15/12 14:26	714360	11906	71.215	19.476	136.196	5.554		
9/15/12 14:41	715260	11921	71.224	19.48	136.176	5.534		
9/15/12 14:56	716160	11936	71.219	19.476	136.187	5.545		
9/15/12 15:11	717060	11951	71.207	19.476	136.216	5.574		
9/15/12 15:26	717960	11966	71.203	19.471	136.223	5.581		
9/15/12 15:41	718860	11981	71.197	19.478	136.237	5.595		
9/15/12 15:56	719760	11996	71.196	19.474	136.24	5.598		
9/15/12 16:11	720660	12011	71.228	19.478	136.167	5.525		
9/15/12 16:26	721560	12026	71.205	19.474	136.22	5.578		
9/15/12 16:41	722460	12041	71.221	19.478	136.182	5.54		
9/15/12 16:56	723360	12056	71.221	19.486	136.182	5.54		
9/15/12 17:11	724260	12071	71.232	19.478	136.158	5.516		
9/15/12 17:26	725160	12086	71.199	19.474	136.233	5.591		
9/15/12 17:41	726060	12101	71.207	19.47	136.214	5.572		
9/15/12 17:56	726960	12116	71.211	19.473	136.207	5.565		
9/15/12 18:11	727860	12131	71.24	19.475	136.14	5.498		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 18:26	728760	12146	71.206	19.48	136.217	5.575		
9/15/12 18:41	729660	12161	71.193	19.475	136.247	5.605		
9/15/12 18:56	730560	12176	71.203	19.47	136.223	5.581		
9/15/12 19:11	731460	12191	71.205	19.476	136.22	5.578		
9/15/12 19:26	732360	12206	71.246	19.474	136.126	5.484		
9/15/12 19:41	733260	12221	71.191	19.479	136.252	5.61		
9/15/12 19:56	734160	12236	71.198	19.475	136.235	5.593		
9/15/12 20:11	735060	12251	71.184	19.474	136.267	5.625		
9/15/12 20:26	735960	12266	71.223	19.478	136.177	5.535		
9/15/12 20:41	736860	12281	71.201	19.478	136.228	5.586		
9/15/12 20:56	737760	12296	71.19	19.474	136.255	5.613		
9/15/12 21:11	738660	12311	71.197	19.48	136.237	5.595		
9/15/12 21:26	739560	12326	71.201	19.471	136.229	5.587		
9/15/12 21:41	740460	12341	71.192	19.478	136.249	5.607		
9/15/12 21:56	741360	12356	71.195	19.473	136.243	5.601		
9/15/12 22:11	742260	12371	71.182	19.476	136.272	5.63		
9/15/12 22:26	743160	12386	71.217	19.475	136.191	5.549		
9/15/12 22:41	744060	12401	71.21	19.481	136.209	5.567		
9/15/12 22:56	744960	12416	71.184	19.484	136.269	5.627		
9/15/12 23:11	745860	12431	71.197	19.475	136.239	5.597		
9/15/12 23:26	746760	12446	71.201	19.476	136.229	5.587		
9/15/12 23:41	747660	12461	71.188	19.477	136.26	5.618		
9/15/12 23:56	748560	12476	71.196	19.475	136.24	5.598		
9/16/12 0:11	749460	12491	71.188	19.479	136.26	5.618		
9/16/12 0:26	750360	12506	71.208	19.479	136.214	5.572		
9/16/12 0:41	751260	12521	71.188	19.476	136.26	5.618		
9/16/12 0:56	752160	12536	71.178	19.48	136.283	5.641		

Table F-3

Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 1:11	753060	12551	71.203	19.482	136.224	5.582		
9/16/12 1:26	753960	12566	71.185	19.479	136.266	5.624		
9/16/12 1:41	754860	12581	71.182	19.482	136.273	5.631		
9/16/12 1:56	755760	12596	71.216	19.472	136.194	5.552		
9/16/12 2:11	756660	12611	71.192	19.473	136.251	5.609		
9/16/12 2:26	757560	12626	71.215	19.474	136.197	5.555		
9/16/12 2:41	758460	12641	71.21	19.476	136.208	5.566		
9/16/12 2:56	759360	12656	71.195	19.464	136.243	5.601		
9/16/12 3:11	760260	12671	71.191	19.473	136.252	5.61		
9/16/12 3:26	761160	12686	71.18	19.477	136.278	5.636		
9/16/12 3:41	762060	12701	71.184	19.472	136.267	5.625		
9/16/12 3:56	762960	12716	71.183	19.475	136.27	5.628		
9/16/12 4:11	763860	12731	71.203	19.472	136.223	5.581		
9/16/12 4:26	764760	12746	71.191	19.47	136.252	5.61		
9/16/12 4:41	765660	12761	71.189	19.471	136.257	5.615		
9/16/12 4:56	766560	12776	71.206	19.464	136.217	5.575		
9/16/12 5:11	767460	12791	71.191	19.473	136.252	5.61		
9/16/12 5:26	768360	12806	71.194	19.483	136.246	5.604		
9/16/12 5:41	769260	12821	71.211	19.478	136.205	5.563		
9/16/12 5:56	770160	12836	71.201	19.481	136.229	5.587		
9/16/12 6:11	771060	12851	71.183	19.474	136.27	5.628		
9/16/12 6:26	771960	12866	71.197	19.48	136.239	5.597		
9/16/12 6:41	772860	12881	71.201	19.48	136.229	5.587		
9/16/12 6:56	773760	12896	71.201	19.472	136.228	5.586		
9/16/12 7:11	774660	12911	71.204	19.484	136.221	5.579		
9/16/12 7:26	775560	12926	71.185	19.474	136.266	5.624		
9/16/12 7:41	776460	12941	71.203	19.47	136.225	5.583		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 7:56	777360	12956	71.186	19.48	136.264	5.622		
9/16/12 8:11	778260	12971	71.204	19.484	136.223	5.581		
9/16/12 8:26	779160	12986	71.219	19.48	136.188	5.546		
9/16/12 8:41	780060	13001	71.198	19.476	136.235	5.593		
9/16/12 8:56	780960	13016	71.18	19.484	136.278	5.636		
9/16/12 9:11	781860	13031	71.221	19.48	136.182	5.54		
9/16/12 9:26	782760	13046	71.191	19.471	136.252	5.61		
9/16/12 9:41	783660	13061	71.211	19.473	136.206	5.564		
9/16/12 9:56	784560	13076	71.183	19.479	136.27	5.628		
9/16/12 10:11	785460	13091	71.202	19.473	136.226	5.584		
9/16/12 10:26	786360	13106	71.19	19.481	136.255	5.613		
9/16/12 10:41	787260	13121	71.199	19.478	136.234	5.592		
9/16/12 10:56	788160	13136	71.192	19.473	136.251	5.609		
9/16/12 11:11	789060	13151	71.189	19.471	136.257	5.615		
9/16/12 11:26	789960	13166	71.182	19.475	136.272	5.63		
9/16/12 11:41	790860	13181	71.192	19.478	136.249	5.607		
9/16/12 11:56	791760	13196	71.19	19.47	136.255	5.613		
9/16/12 12:11	792660	13211	71.208	19.48	136.214	5.572		
9/16/12 12:26	793560	13226	71.192	19.468	136.249	5.607		
9/16/12 12:41	794460	13241	71.201	19.484	136.228	5.586		
9/16/12 12:56	795360	13256	71.203	19.477	136.224	5.582		
9/16/12 13:11	796260	13271	71.176	19.47	136.287	5.645		
9/16/12 13:26	797160	13286	71.197	19.466	136.237	5.595		
9/16/12 13:41	798060	13301	71.201	19.475	136.228	5.586		
9/16/12 13:56	798960	13316	71.219	19.48	136.188	5.546		
9/16/12 14:11	799860	13331	71.206	19.476	136.217	5.575		
9/16/12 14:26	800760	13346	71.188	19.476	136.258	5.616		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 14:41	801660	13361	71.194	19.472	136.245	5.603		
9/16/12 14:56	802560	13376	71.182	19.479	136.272	5.63		
9/16/12 15:11	803460	13391	71.175	19.477	136.29	5.648		
9/16/12 15:26	804360	13406	71.194	19.482	136.245	5.603		
9/16/12 15:41	805260	13421	71.197	19.476	136.239	5.597		
9/16/12 15:56	806160	13436	71.209	19.469	136.211	5.569		
9/16/12 16:11	807060	13451	71.183	19.468	136.27	5.628		
9/16/12 16:26	807960	13466	71.178	19.476	136.281	5.639		
9/16/12 16:41	808860	13481	71.211	19.479	136.205	5.563		
9/16/12 16:56	809760	13496	71.203	19.473	136.223	5.581		
9/16/12 17:11	810660	13511	71.19	19.475	136.255	5.613		
9/16/12 17:26	811560	13526	71.213	19.48	136.2	5.558		
9/16/12 17:41	812460	13541	71.219	19.479	136.188	5.546		
9/16/12 17:56	813360	13556	71.206	19.473	136.217	5.575		
9/16/12 18:11	814260	13571	71.19	19.476	136.255	5.613		
9/16/12 18:26	815160	13586	71.193	19.467	136.247	5.605		
9/16/12 18:41	816060	13601	71.192	19.471	136.249	5.607		
9/16/12 18:56	816960	13616	71.19	19.478	136.254	5.612		
9/16/12 19:11	817860	13631	71.199	19.478	136.234	5.592		
9/16/12 19:26	818760	13646	71.185	19.474	136.266	5.624		
9/16/12 19:41	819660	13661	71.199	19.475	136.233	5.591		
9/16/12 19:56	820560	13676	71.186	19.473	136.264	5.622		
9/16/12 20:11	821460	13691	71.2	19.48	136.23	5.588		
9/16/12 20:26	822360	13706	71.191	19.474	136.252	5.61		
9/16/12 20:41	823260	13721	71.201	19.477	136.228	5.586		
9/16/12 20:56	824160	13736	71.213	19.482	136.202	5.56		
9/16/12 21:11	825060	13751	71.194	19.48	136.246	5.604		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 21:26	825960	13766	71.182	19.478	136.272	5.63		
9/16/12 21:41	826860	13781	71.197	19.476	136.239	5.597		
9/16/12 21:56	827760	13796	71.176	19.474	136.285	5.643		
9/16/12 22:11	828660	13811	71.184	19.481	136.267	5.625		
9/16/12 22:26	829560	13826	71.181	19.475	136.275	5.633		
9/16/12 22:41	830460	13841	71.186	19.473	136.264	5.622		
9/16/12 22:56	831360	13856	71.179	19.476	136.279	5.637		
9/16/12 23:11	832260	13871	71.182	19.472	136.272	5.63		
9/16/12 23:26	833160	13886	71.184	19.47	136.269	5.627		
9/16/12 23:41	834060	13901	71.194	19.472	136.246	5.604		
9/16/12 23:56	834960	13916	71.18	19.476	136.276	5.634		
9/17/12 0:11	835860	13931	71.18	19.471	136.276	5.634		
9/17/12 0:26	836760	13946	71.176	19.477	136.285	5.643		
9/17/12 0:41	837660	13961	71.193	19.477	136.247	5.605		
9/17/12 0:56	838560	13976	71.177	19.469	136.284	5.642		
9/17/12 1:11	839460	13991	71.184	19.481	136.267	5.625		
9/17/12 1:26	840360	14006	71.195	19.467	136.242	5.6		
9/17/12 1:41	841260	14021	71.176	19.473	136.285	5.643		
9/17/12 1:56	842160	14036	71.18	19.478	136.278	5.636		
9/17/12 2:11	843060	14051	71.182	19.473	136.272	5.63		
9/17/12 2:26	843960	14066	71.186	19.473	136.264	5.622		
9/17/12 2:41	844860	14081	71.178	19.479	136.283	5.641		
9/17/12 2:56	845760	14096	71.186	19.471	136.264	5.622		
9/17/12 3:11	846660	14111	71.182	19.477	136.273	5.631		
9/17/12 3:26	847560	14126	71.209	19.482	136.211	5.569		
9/17/12 3:41	848460	14141	71.19	19.485	136.255	5.613		
9/17/12 3:56	849360	14156	71.186	19.481	136.264	5.622		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 4:11	850260	14171	71.172	19.469	136.296	5.654		
9/17/12 4:26	851160	14186	71.188	19.473	136.26	5.618		
9/17/12 4:41	852060	14201	71.186	19.466	136.264	5.622		
9/17/12 4:56	852960	14216	71.17	19.465	136.301	5.659		
9/17/12 5:11	853860	14231	71.182	19.465	136.273	5.631		
9/17/12 5:26	854760	14246	71.179	19.469	136.279	5.637		
9/17/12 5:41	855660	14261	71.191	19.482	136.252	5.61		
9/17/12 5:56	856560	14276	71.178	19.474	136.281	5.639		
9/17/12 6:11	857460	14291	71.218	19.477	136.189	5.547		
9/17/12 6:26	858360	14306	71.179	19.474	136.279	5.637		
9/17/12 6:41	859260	14321	71.173	19.474	136.293	5.651		
9/17/12 6:56	860160	14336	71.203	19.469	136.224	5.582		
9/17/12 7:11	861060	14351	71.183	19.474	136.27	5.628		
9/17/12 7:26	861960	14366	71.178	19.463	136.281	5.639		
9/17/12 7:41	862860	14381	71.146	19.466	136.355	5.713		
9/17/12 7:56	863760	14396	71.172	19.466	136.296	5.654		
9/17/12 8:11	864660	14411	71.189	19.466	136.257	5.615		
9/17/12 8:26	865560	14426	71.186	19.469	136.263	5.621		
9/17/12 8:41	866460	14441	71.19	19.474	136.254	5.612		
9/17/12 8:56	867360	14456	71.163	19.479	136.316	5.674		
9/17/12 9:11	868260	14471	71.184	19.476	136.269	5.627		
9/17/12 9:26	869160	14486	71.187	19.472	136.261	5.619		
9/17/12 9:41	870060	14501	71.19	19.478	136.254	5.612		
9/17/12 9:56	870960	14516	71.179	19.479	136.279	5.637		
9/17/12 10:11	871860	14531	71.194	19.475	136.246	5.604		
9/17/12 10:26	872760	14546	71.175	19.476	136.288	5.646		
9/17/12 10:41	873660	14561	71.174	19.475	136.291	5.649		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 10:56	874560	14576	71.202	19.478	136.226	5.584		
9/17/12 11:11	875460	14591	71.211	19.476	136.206	5.564		
9/17/12 11:26	876360	14606	71.166	19.48	136.31	5.668		
9/17/12 11:41	877260	14621	71.186	19.476	136.263	5.621		
9/17/12 11:56	878160	14636	71.187	19.466	136.261	5.619		
9/17/12 12:11	879060	14651	71.178	19.471	136.281	5.639		
9/17/12 12:26	879960	14666	71.189	19.47	136.257	5.615		
9/17/12 12:41	880860	14681	71.183	19.481	136.27	5.628		
9/17/12 12:56	881760	14696	71.18	19.481	136.276	5.634		
9/17/12 13:11	882660	14711	71.166	19.481	136.31	5.668		
9/17/12 13:26	883560	14726	71.176	19.476	136.285	5.643		
9/17/12 13:41	884460	14741	71.165	19.478	136.311	5.669		
9/17/12 13:56	885360	14756	71.179	19.479	136.279	5.637		
9/17/12 14:11	886260	14771	71.19	19.475	136.255	5.613		
9/17/12 14:20							136.53	
9/17/12 14:26	887160	14786	71.191	19.475	136.252	5.61		
9/17/12 14:41	888060	14801	71.19	19.478	136.254	5.612		
9/17/12 14:56	888960	14816	71.188	19.473	136.258	5.616		
9/17/12 15:11	889860	14831	71.197	19.474	136.237	5.595		
9/17/12 15:26	890760	14846	71.203	19.475	136.225	5.583		
9/17/12 15:41	891660	14861	71.22	19.478	136.185	5.543		
9/17/12 15:56	892560	14876	71.211	19.472	136.205	5.563		
9/17/12 16:11	893460	14891	71.213	19.469	136.201	5.559		
9/17/12 16:26	894360	14906	71.203	19.469	136.225	5.583		
9/17/12 16:41	895260	14921	71.197	19.472	136.239	5.597		
9/17/12 16:56	896160	14936	71.203	19.475	136.225	5.583		
9/17/12 17:11	897060	14951	71.219	19.476	136.187	5.545		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 17:26	897960	14966	71.195	19.478	136.242	5.6		
9/17/12 17:41	898860	14981	71.19	19.478	136.254	5.612		
9/17/12 17:56	899760	14996	71.196	19.473	136.24	5.598		
9/17/12 18:11	900660	15011	71.211	19.477	136.206	5.564		
9/17/12 18:26	901560	15026	71.186	19.471	136.263	5.621		
9/17/12 18:41	902460	15041	71.195	19.474	136.242	5.6		
9/17/12 18:56	903360	15056	71.184	19.477	136.267	5.625		
9/17/12 19:11	904260	15071	71.219	19.475	136.186	5.544		
9/17/12 19:26	905160	15086	71.176	19.469	136.285	5.643		
9/17/12 19:41	906060	15101	71.234	19.478	136.152	5.51		
9/17/12 19:56	906960	15116	71.201	19.478	136.228	5.586		
9/17/12 20:11	907860	15131	71.216	19.475	136.194	5.552		
9/17/12 20:26	908760	15146	71.206	19.479	136.218	5.576		
9/17/12 20:41	909660	15161	71.173	19.481	136.293	5.651		
9/17/12 20:56	910560	15176	71.18	19.476	136.276	5.634		
9/17/12 21:11	911460	15191	71.216	19.479	136.194	5.552		
9/17/12 21:26	912360	15206	71.189	19.479	136.257	5.615		
9/17/12 21:41	913260	15221	71.191	19.48	136.252	5.61		
9/17/12 21:56	914160	15236	71.186	19.474	136.264	5.622		
9/17/12 22:11	915060	15251	71.204	19.47	136.222	5.58		
9/17/12 22:26	915960	15266	71.174	19.477	136.291	5.649		
9/17/12 22:41	916860	15281	71.19	19.477	136.255	5.613		
9/17/12 22:56	917760	15296	71.184	19.474	136.267	5.625		
9/17/12 23:11	918660	15311	71.186	19.479	136.263	5.621		
9/17/12 23:26	919560	15326	71.188	19.482	136.26	5.618		
9/17/12 23:41	920460	15341	71.19	19.47	136.255	5.613		
9/17/12 23:56	921360	15356	71.197	19.474	136.237	5.595		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 0:11	922260	15371	71.184	19.478	136.269	5.627		
9/18/12 0:26	923160	15386	71.196	19.477	136.24	5.598		
9/18/12 0:41	924060	15401	71.183	19.479	136.27	5.628		
9/18/12 0:56	924960	15416	71.178	19.473	136.281	5.639		
9/18/12 1:11	925860	15431	71.2	19.479	136.231	5.589		
9/18/12 1:26	926760	15446	71.176	19.474	136.285	5.643		
9/18/12 1:41	927660	15461	71.19	19.476	136.255	5.613		
9/18/12 1:56	928560	15476	71.185	19.475	136.266	5.624		
9/18/12 2:11	929460	15491	71.181	19.477	136.274	5.632		
9/18/12 2:26	930360	15506	71.195	19.476	136.243	5.601		
9/18/12 2:41	931260	15521	71.178	19.475	136.281	5.639		
9/18/12 2:56	932160	15536	71.185	19.475	136.266	5.624		
9/18/12 3:11	933060	15551	71.175	19.472	136.288	5.646		
9/18/12 3:26	933960	15566	71.163	19.47	136.317	5.675		
9/18/12 3:41	934860	15581	71.171	19.471	136.299	5.657		
9/18/12 3:56	935760	15596	71.182	19.473	136.272	5.63		
9/18/12 4:11	936660	15611	71.167	19.472	136.308	5.666		
9/18/12 4:26	937560	15626	71.183	19.469	136.27	5.628		
9/18/12 4:41	938460	15641	71.182	19.476	136.272	5.63		
9/18/12 4:56	939360	15656	71.188	19.473	136.258	5.616		
9/18/12 5:11	940260	15671	71.188	19.47	136.26	5.618		
9/18/12 5:26	941160	15686	71.183	19.468	136.27	5.628		
9/18/12 5:41	942060	15701	71.199	19.475	136.233	5.591		
9/18/12 5:56	942960	15716	71.182	19.475	136.273	5.631		
9/18/12 6:11	943860	15731	71.185	19.477	136.266	5.624		
9/18/12 6:26	944760	15746	71.186	19.475	136.264	5.622		
9/18/12 6:41	945660	15761	71.183	19.474	136.27	5.628		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 6:56	946560	15776	71.182	19.481	136.273	5.631		
9/18/12 7:11	947460	15791	71.178	19.476	136.283	5.641		
9/18/12 7:26	948360	15806	71.173	19.482	136.295	5.653		
9/18/12 7:41	949260	15821	71.177	19.475	136.284	5.642		
9/18/12 7:56	950160	15836	71.191	19.475	136.252	5.61		
9/18/12 8:11	951060	15851	71.208	19.469	136.212	5.57		
9/18/12 8:26	951960	15866	71.169	19.478	136.302	5.66		
9/18/12 8:41	952860	15881	71.188	19.471	136.26	5.618		
9/18/12 8:56	953760	15896	71.178	19.472	136.283	5.641		
9/18/12 9:11	954660	15911	71.178	19.46	136.283	5.641		
9/18/12 9:26	955560	15926	71.188	19.462	136.258	5.616		
9/18/12 9:41	956460	15941	71.18	19.47	136.278	5.636		
9/18/12 9:56	957360	15956	71.176	19.474	136.287	5.645		
9/18/12 10:11	958260	15971	71.21	19.472	136.208	5.566		
9/18/12 10:26	959160	15986	71.175	19.472	136.29	5.648		
9/18/12 10:41	960060	16001	71.191	19.474	136.252	5.61		
9/18/12 10:56	960960	16016	71.186	19.472	136.264	5.622		
9/18/12 11:11	961860	16031	71.189	19.48	136.257	5.615		
9/18/12 11:26	962760	16046	71.173	19.475	136.293	5.651		
9/18/12 11:41	963660	16061	71.186	19.473	136.263	5.621		
9/18/12 11:56	964560	16076	71.187	19.475	136.261	5.619		
9/18/12 12:11	965460	16091	71.188	19.477	136.26	5.618		
9/18/12 12:26	966360	16106	71.163	19.471	136.317	5.675		
9/18/12 12:41	967260	16121	71.202	19.477	136.227	5.585		
9/18/12 12:56	968160	16136	71.188	19.48	136.258	5.616		
9/18/12 13:11	969060	16151	71.193	19.471	136.247	5.605		
9/18/12 13:26	969960	16166	71.19	19.475	136.254	5.612		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 13:41	970860	16181	71.18	19.473	136.276	5.634		
9/18/12 13:56	971760	16196	71.17	19.47	136.301	5.659		
9/18/12 14:11	972660	16211	71.182	19.479	136.273	5.631		
9/18/12 14:26	973560	16226	71.192	19.47	136.249	5.607		
9/18/12 14:41	974460	16241	71.189	19.478	136.257	5.615		
9/18/12 14:56	975360	16256	71.194	19.469	136.245	5.603		
9/18/12 15:11	976260	16271	71.184	19.476	136.267	5.625		
9/18/12 15:26	977160	16286	71.186	19.471	136.263	5.621		
9/18/12 15:41	978060	16301	71.195	19.473	136.243	5.601		
9/18/12 15:56	978960	16316	71.208	19.479	136.214	5.572		
9/18/12 16:11	979860	16331	71.187	19.484	136.261	5.619		
9/18/12 16:26	980760	16346	71.178	19.471	136.283	5.641		
9/18/12 16:41	981660	16361	71.184	19.475	136.267	5.625		
9/18/12 16:56	982560	16376	71.185	19.475	136.266	5.624		
9/18/12 17:11	983460	16391	71.19	19.48	136.255	5.613		
9/18/12 17:26	984360	16406	71.201	19.48	136.228	5.586		
9/18/12 17:41	985260	16421	71.179	19.475	136.279	5.637		
9/18/12 17:56	986160	16436	71.182	19.47	136.272	5.63		
9/18/12 18:11	987060	16451	71.182	19.481	136.272	5.63		
9/18/12 18:26	987960	16466	71.183	19.484	136.27	5.628		
9/18/12 18:41	988860	16481	71.179	19.478	136.279	5.637		
9/18/12 18:56	989760	16496	71.197	19.473	136.237	5.595		
9/18/12 19:11	990660	16511	71.186	19.473	136.264	5.622		
9/18/12 19:26	991560	16526	71.189	19.475	136.257	5.615		
9/18/12 19:41	992460	16541	71.18	19.471	136.278	5.636		
9/18/12 19:56	993360	16556	71.176	19.472	136.287	5.645		
9/18/12 20:11	994260	16571	71.188	19.466	136.26	5.618		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 20:26	995160	16586	71.18	19.469	136.278	5.636		
9/18/12 20:41	996060	16601	71.148	19.467	136.351	5.709		
9/18/12 20:56	996960	16616	71.175	19.468	136.29	5.648		
9/18/12 21:11	997860	16631	71.194	19.474	136.246	5.604		
9/18/12 21:26	998760	16646	71.175	19.468	136.29	5.648		
9/18/12 21:41	999660	16661	71.203	19.484	136.224	5.582		
9/18/12 21:56	1000560	16676	71.182	19.473	136.273	5.631		
9/18/12 22:11	1001460	16691	71.162	19.472	136.319	5.677		
9/18/12 22:26	1002360	16706	71.161	19.471	136.322	5.68		
9/18/12 22:41	1003260	16721	71.196	19.478	136.241	5.599		
9/18/12 22:56	1004160	16736	71.169	19.477	136.304	5.662		
9/18/12 23:11	1005060	16751	71.177	19.468	136.284	5.642		
9/18/12 23:26	1005960	16766	71.178	19.471	136.283	5.641		
9/18/12 23:41	1006860	16781	71.178	19.473	136.281	5.639		
9/18/12 23:56	1007760	16796	71.172	19.476	136.296	5.654		
9/19/12 0:11	1008660	16811	71.155	19.475	136.334	5.692		
9/19/12 0:26	1009560	16826	71.175	19.471	136.288	5.646		
9/19/12 0:41	1010460	16841	71.197	19.48	136.238	5.596		
9/19/12 0:56	1011360	16856	71.184	19.471	136.267	5.625		
9/19/12 1:11	1012260	16871	71.185	19.473	136.266	5.624		
9/19/12 1:26	1013160	16886	71.174	19.476	136.291	5.649		
9/19/12 1:41	1014060	16901	71.181	19.478	136.274	5.632		
9/19/12 1:56	1014960	16916	71.211	19.477	136.206	5.564		
9/19/12 2:11	1015860	16931	71.182	19.472	136.273	5.631		
9/19/12 2:26	1016760	16946	71.167	19.477	136.307	5.665		
9/19/12 2:41	1017660	16961	71.178	19.469	136.283	5.641		
9/19/12 2:56	1018560	16976	71.168	19.477	136.305	5.663		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 3:11	1019460	16991	71.18	19.486	136.278	5.636		
9/19/12 3:26	1020360	17006	71.171	19.468	136.299	5.657		
9/19/12 3:41	1021260	17021	71.177	19.469	136.284	5.642		
9/19/12 3:56	1022160	17036	71.174	19.473	136.291	5.649		
9/19/12 4:11	1023060	17051	71.151	19.469	136.344	5.702		
9/19/12 4:26	1023960	17066	71.169	19.475	136.302	5.66		
9/19/12 4:41	1024860	17081	71.176	19.481	136.287	5.645		
9/19/12 4:56	1025760	17096	71.188	19.482	136.26	5.618		
9/19/12 5:11	1026660	17111	71.173	19.475	136.293	5.651		
9/19/12 5:26	1027560	17126	71.176	19.469	136.285	5.643		
9/19/12 5:41	1028460	17141	71.18	19.48	136.278	5.636		
9/19/12 5:56	1029360	17156	71.17	19.476	136.301	5.659		
9/19/12 6:11	1030260	17171	71.167	19.47	136.307	5.665		
9/19/12 6:26	1031160	17186	71.18	19.471	136.276	5.634		
9/19/12 6:41	1032060	17201	71.17	19.474	136.301	5.659		
9/19/12 6:56	1032960	17216	71.163	19.479	136.316	5.674		
9/19/12 7:11	1033860	17231	71.174	19.476	136.291	5.649		
9/19/12 7:26	1034760	17246	71.168	19.472	136.305	5.663		
9/19/12 7:41	1035660	17261	71.157	19.466	136.329	5.687		
9/19/12 7:56	1036560	17276	71.162	19.476	136.319	5.677		
9/19/12 8:11	1037460	17291	71.167	19.468	136.308	5.666		
9/19/12 8:26	1038360	17306	71.173	19.469	136.295	5.653		
9/19/12 8:41	1039260	17321	71.198	19.473	136.236	5.594		
9/19/12 8:56	1040160	17336	71.165	19.476	136.311	5.669		
9/19/12 9:11	1041060	17351	71.165	19.47	136.311	5.669		
9/19/12 9:26	1041960	17366	71.158	19.473	136.328	5.686		
9/19/12 9:41	1042860	17381	71.188	19.469	136.26	5.618		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 9:56	1043760	17396	71.169	19.472	136.302	5.66		
9/19/12 10:11	1044660	17411	71.194	19.479	136.244	5.602		
9/19/12 10:26	1045560	17426	71.185	19.466	136.266	5.624		
9/19/12 10:41	1046460	17441	71.156	19.469	136.332	5.69		
9/19/12 10:56	1047360	17456	71.182	19.479	136.272	5.63		
9/19/12 11:11	1048260	17471	71.172	19.472	136.296	5.654		
9/19/12 11:26	1049160	17486	71.175	19.475	136.29	5.648		
9/19/12 11:41	1050060	17501	71.177	19.467	136.284	5.642		
9/19/12 11:56	1050960	17516	71.184	19.466	136.267	5.625		
9/19/12 12:11	1051860	17531	71.188	19.472	136.258	5.616		
9/19/12 12:26	1052760	17546	71.18	19.47	136.278	5.636		
9/19/12 12:41	1053660	17561	71.175	19.472	136.288	5.646		
9/19/12 12:50							136.59	
9/19/12 12:56	1054560	17576	71.2	19.474	136.231	5.589		
9/19/12 13:11	1055460	17591	71.194	19.472	136.246	5.604		
9/19/12 13:26	1056360	17606	71.218	19.475	136.189	5.547		
9/19/12 13:41	1057260	17621	71.188	19.475	136.258	5.616		
9/19/12 13:56	1058160	17636	71.171	19.474	136.299	5.657		
9/19/12 14:11	1059060	17651	71.185	19.476	136.266	5.624		
9/19/12 14:26	1059960	17666	71.179	19.465	136.279	5.637		
9/19/12 14:41	1060860	17681	71.19	19.469	136.254	5.612		
9/19/12 14:56	1061760	17696	71.212	19.472	136.204	5.562		
9/19/12 15:11	1062660	17711	71.188	19.471	136.258	5.616		
9/19/12 15:26	1063560	17726	71.206	19.476	136.217	5.575		
9/19/12 15:41	1064460	17741	71.201	19.478	136.229	5.587		
9/19/12 15:56	1065360	17756	71.211	19.477	136.207	5.565		
9/19/12 16:11	1066260	17771	71.182	19.47	136.273	5.631		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 16:26	1067160	17786	71.188	19.472	136.26	5.618		
9/19/12 16:41	1068060	17801	71.198	19.476	136.235	5.593		
9/19/12 16:56	1068960	17816	71.218	19.477	136.189	5.547		
9/19/12 17:11	1069860	17831	71.176	19.475	136.285	5.643		
9/19/12 17:26	1070760	17846	71.2	19.477	136.231	5.589		
9/19/12 17:41	1071660	17861	71.197	19.472	136.237	5.595		
9/19/12 17:56	1072560	17876	71.203	19.478	136.225	5.583		
9/19/12 18:11	1073460	17891	71.19	19.473	136.254	5.612		
9/19/12 18:26	1074360	17906	71.194	19.473	136.246	5.604		
9/19/12 18:41	1075260	17921	71.191	19.48	136.252	5.61		
9/19/12 18:56	1076160	17936	71.194	19.471	136.246	5.604		
9/19/12 19:11	1077060	17951	71.196	19.474	136.24	5.598		
9/19/12 19:26	1077960	17966	71.186	19.473	136.263	5.621		
9/19/12 19:41	1078860	17981	71.192	19.479	136.25	5.608		
9/19/12 19:56	1079760	17996	71.2	19.477	136.23	5.588		
9/19/12 20:11	1080660	18011	71.178	19.475	136.281	5.639		
9/19/12 20:26	1081560	18026	71.175	19.472	136.29	5.648		
9/19/12 20:41	1082460	18041	71.175	19.477	136.29	5.648		
9/19/12 20:56	1083360	18056	71.204	19.48	136.223	5.581		
9/19/12 21:11	1084260	18071	71.188	19.477	136.258	5.616		
9/19/12 21:26	1085160	18086	71.175	19.475	136.29	5.648		
9/19/12 21:41	1086060	18101	71.192	19.471	136.249	5.607		
9/19/12 21:56	1086960	18116	71.194	19.476	136.245	5.603		
9/19/12 22:11	1087860	18131	71.179	19.483	136.279	5.637		
9/19/12 22:26	1088760	18146	71.189	19.48	136.257	5.615		
9/19/12 22:41	1089660	18161	71.184	19.48	136.267	5.625		
9/19/12 22:56	1090560	18176	71.187	19.475	136.261	5.619		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 23:11	1091460	18191	71.179	19.472	136.279	5.637		
9/19/12 23:26	1092360	18206	71.181	19.472	136.275	5.633		
9/19/12 23:41	1093260	18221	71.217	19.477	136.193	5.551		
9/19/12 23:56	1094160	18236	71.215	19.475	136.197	5.555		
9/20/12 0:11	1095060	18251	71.193	19.476	136.247	5.605		
9/20/12 0:26	1095960	18266	71.194	19.472	136.245	5.603		
9/20/12 0:41	1096860	18281	71.201	19.474	136.229	5.587		
9/20/12 0:56	1097760	18296	71.195	19.471	136.243	5.601		
9/20/12 1:11	1098660	18311	71.21	19.471	136.208	5.566		
9/20/12 1:26	1099560	18326	71.196	19.472	136.24	5.598		
9/20/12 1:41	1100460	18341	71.178	19.479	136.281	5.639		
9/20/12 1:56	1101360	18356	71.184	19.477	136.269	5.627		
9/20/12 2:11	1102260	18371	71.206	19.481	136.217	5.575		
9/20/12 2:26	1103160	18386	71.175	19.477	136.288	5.646		
9/20/12 2:41	1104060	18401	71.19	19.474	136.254	5.612		
9/20/12 2:56	1104960	18416	71.164	19.47	136.314	5.672		
9/20/12 3:11	1105860	18431	71.163	19.475	136.316	5.674		
9/20/12 3:26	1106760	18446	71.176	19.476	136.287	5.645		
9/20/12 3:41	1107660	18461	71.167	19.475	136.307	5.665		
9/20/12 3:56	1108560	18476	71.196	19.474	136.24	5.598		
9/20/12 4:11	1109460	18491	71.173	19.473	136.295	5.653		
9/20/12 4:26	1110360	18506	71.174	19.476	136.291	5.649		
9/20/12 4:41	1111260	18521	71.164	19.476	136.314	5.672		
9/20/12 4:56	1112160	18536	71.169	19.478	136.302	5.66		
9/20/12 5:11	1113060	18551	71.182	19.474	136.272	5.63		
9/20/12 5:26	1113960	18566	71.176	19.476	136.287	5.645		
9/20/12 5:41	1114860	18581	71.183	19.482	136.27	5.628		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/20/12 5:56	1115760	18596	71.192	19.471	136.251	5.609		
9/20/12 6:11	1116660	18611	71.182	19.474	136.273	5.631		
9/20/12 6:26	1117560	18626	71.18	19.475	136.276	5.634		
9/20/12 6:41	1118460	18641	71.177	19.479	136.284	5.642		
9/20/12 6:56	1119360	18656	71.172	19.478	136.296	5.654		
9/20/12 7:11	1120260	18671	71.176	19.476	136.285	5.643		
9/20/12 7:26	1121160	18686	71.178	19.479	136.281	5.639		
9/20/12 7:41	1122060	18701	71.188	19.472	136.258	5.616		
9/20/12 7:56	1122960	18716	71.187	19.471	136.261	5.619		
9/20/12 8:11	1123860	18731	71.184	19.475	136.267	5.625		
9/20/12 8:26	1124760	18746	71.176	19.478	136.287	5.645		
9/20/12 8:41	1125660	18761	71.187	19.471	136.261	5.619		
9/20/12 8:56	1126560	18776	71.185	19.476	136.266	5.624		
9/20/12 9:11	1127460	18791	71.174	19.469	136.291	5.649		
9/20/12 9:26	1128360	18806	71.174	19.47	136.291	5.649		
9/20/12 9:41	1129260	18821	71.174	19.473	136.291	5.649		
9/20/12 9:56	1130160	18836	71.182	19.471	136.273	5.631		
9/20/12 10:11	1131060	18851	71.18	19.475	136.276	5.634		
9/20/12 10:26	1131960	18866	71.186	19.477	136.264	5.622		
9/20/12 10:41	1132860	18881	71.191	19.477	136.252	5.61		
9/20/12 10:56	1133760	18896	71.176	19.473	136.285	5.643		
9/20/12 11:11	1134660	18911	71.215	19.476	136.197	5.555		
9/20/12 11:26	1135560	18926	71.181	19.47	136.275	5.633		
9/20/12 11:41	1136460	18941	71.19	19.481	136.254	5.612		
9/20/12 11:56	1137360	18956	71.19	19.476	136.254	5.612		
9/20/12 12:11	1138260	18971	71.183	19.476	136.27	5.628		
9/20/12 12:26	1139160	18986	71.174	19.478	136.291	5.649		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/20/12 12:41	1140060	19001	71.182	19.475	136.273	5.631		
9/20/12 12:56	1140960	19016	71.181	19.475	136.275	5.633		
9/20/12 13:11	1141860	19031	71.189	19.478	136.257	5.615		
9/20/12 13:26	1142760	19046	71.178	19.474	136.283	5.641		
9/20/12 13:41	1143660	19061	71.192	19.475	136.249	5.607		
9/20/12 13:56	1144560	19076	71.186	19.475	136.264	5.622		
9/20/12 14:11	1145460	19091	71.204	19.476	136.222	5.58		
9/20/12 14:26	1146360	19106	71.186	19.477	136.264	5.622		
9/20/12 14:41	1147260	19121	71.18	19.475	136.276	5.634		
9/20/12 14:56	1148160	19136	71.179	19.473	136.279	5.637		
9/20/12 15:11	1149060	19151	71.199	19.476	136.234	5.592		
9/20/12 15:26	1149960	19166	71.192	19.477	136.249	5.607		
9/20/12 15:41	1150860	19181	71.172	19.471	136.296	5.654		
9/20/12 15:56	1151760	19196	71.186	19.473	136.263	5.621		
9/20/12 16:11	1152660	19211	71.194	19.475	136.246	5.604		
9/20/12 16:26	1153560	19226	71.188	19.468	136.258	5.616		
9/20/12 16:41	1154460	19241	71.185	19.478	136.266	5.624		
9/20/12 16:56	1155360	19256	71.188	19.479	136.258	5.616		
9/20/12 17:11	1156260	19271	71.175	19.47	136.288	5.646		
9/20/12 17:26	1157160	19286	71.186	19.478	136.263	5.621		
9/20/12 17:41	1158060	19301	71.175	19.477	136.29	5.648		
9/20/12 17:56	1158960	19316	71.182	19.472	136.273	5.631		
9/20/12 18:11	1159860	19331	71.174	19.475	136.291	5.649		
9/20/12 18:26	1160760	19346	71.181	19.476	136.275	5.633		
9/20/12 18:41	1161660	19361	71.168	19.479	136.305	5.663		
9/20/12 18:56	1162560	19376	71.171	19.479	136.299	5.657		
9/20/12 19:11	1163460	19391	71.173	19.474	136.295	5.653		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/20/12 19:26	1164360	19406	71.172	19.478	136.296	5.654		
9/20/12 19:41	1165260	19421	71.186	19.479	136.264	5.622		
9/20/12 19:56	1166160	19436	71.175	19.473	136.29	5.648		
9/20/12 20:11	1167060	19451	71.177	19.475	136.284	5.642		
9/20/12 20:26	1167960	19466	71.192	19.473	136.249	5.607		
9/20/12 20:41	1168860	19481	71.164	19.478	136.314	5.672		
9/20/12 20:56	1169760	19496	71.202	19.481	136.226	5.584		
9/20/12 21:11	1170660	19511	71.184	19.476	136.267	5.625		
9/20/12 21:26	1171560	19526	71.174	19.469	136.291	5.649		
9/20/12 21:41	1172460	19541	71.195	19.475	136.242	5.6		
9/20/12 21:56	1173360	19556	71.18	19.477	136.276	5.634		
9/20/12 22:11	1174260	19571	71.182	19.486	136.273	5.631		
9/20/12 22:26	1175160	19586	71.179	19.477	136.279	5.637		
9/20/12 22:41	1176060	19601	71.177	19.477	136.284	5.642		
9/20/12 22:56	1176960	19616	71.192	19.477	136.25	5.608		
9/20/12 23:11	1177860	19631	71.16	19.472	136.323	5.681		
9/20/12 23:26	1178760	19646	71.169	19.479	136.304	5.662		
9/20/12 23:41	1179660	19661	71.169	19.472	136.302	5.66		
9/20/12 23:56	1180560	19676	71.184	19.479	136.269	5.627		
9/21/12 0:11	1181460	19691	71.169	19.477	136.302	5.66		
9/21/12 0:26	1182360	19706	71.18	19.476	136.276	5.634		
9/21/12 0:41	1183260	19721	71.175	19.475	136.288	5.646		
9/21/12 0:56	1184160	19736	71.176	19.472	136.287	5.645		
9/21/12 1:11	1185060	19751	71.165	19.473	136.313	5.671		
9/21/12 1:26	1185960	19766	71.178	19.476	136.283	5.641		
9/21/12 1:41	1186860	19781	71.176	19.469	136.287	5.645		
9/21/12 1:56	1187760	19796	71.177	19.471	136.284	5.642		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 2:11	1188660	19811	71.165	19.471	136.311	5.669		
9/21/12 2:26	1189560	19826	71.168	19.469	136.305	5.663		
9/21/12 2:41	1190460	19841	71.169	19.474	136.302	5.66		
9/21/12 2:56	1191360	19856	71.171	19.474	136.299	5.657		
9/21/12 3:11	1192260	19871	71.168	19.469	136.305	5.663		
9/21/12 3:26	1193160	19886	71.179	19.47	136.279	5.637		
9/21/12 3:41	1194060	19901	71.175	19.474	136.288	5.646		
9/21/12 3:56	1194960	19916	71.171	19.476	136.299	5.657		
9/21/12 4:11	1195860	19931	71.182	19.475	136.273	5.631		
9/21/12 4:26	1196760	19946	71.144	19.472	136.36	5.718		
9/21/12 4:41	1197660	19961	71.166	19.469	136.31	5.668		
9/21/12 4:56	1198560	19976	71.171	19.471	136.298	5.656		
9/21/12 5:11	1199460	19991	71.158	19.471	136.328	5.686		
9/21/12 5:26	1200360	20006	71.176	19.473	136.287	5.645		
9/21/12 5:41	1201260	20021	71.173	19.476	136.295	5.653		
9/21/12 5:56	1202160	20036	71.163	19.473	136.317	5.675		
9/21/12 6:11	1203060	20051	71.175	19.474	136.288	5.646		
9/21/12 6:26	1203960	20066	71.142	19.469	136.364	5.722		
9/21/12 6:41	1204860	20081	71.159	19.474	136.325	5.683		
9/21/12 6:56	1205760	20096	71.164	19.47	136.314	5.672		
9/21/12 7:11	1206660	20111	71.167	19.471	136.308	5.666		
9/21/12 7:26	1207560	20126	71.175	19.469	136.288	5.646		
9/21/12 7:41	1208460	20141	71.175	19.476	136.288	5.646		
9/21/12 7:56	1209360	20156	71.161	19.474	136.32	5.678		
9/21/12 8:11	1210260	20171	71.397	19.471	135.777	5.135		
9/21/12 8:14		20174				5.17	135.81	
9/21/12 8:24		20184				5.49	136.13	

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 8:26	1211160	20186	71.905	19.47	134.604	3.962		
9/21/12 8:35		20197				4.07	134.71	
9/21/12 8:41	1212060	20201	72.126	19.469	134.093	3.451		
9/21/12 8:46		20206				3.83	134.47	
9/21/12 8:56	1212960	20216	72.252	19.47	133.803	3.161		
9/21/12 9:04		20224				3.70	134.34	
9/21/12 9:11	1213860	20231	72.324	19.474	133.636	2.994		
9/21/12 9:26	1214760	20246	72.394	19.475	133.474	2.832		
9/21/12 9:41	1215660	20261	72.499	19.474	133.232	2.59		
9/21/12 9:56	1216560	20276	72.543	19.475	133.131	2.489		
9/21/12 10:11	1217460	20291	72.579	19.473	133.046	2.404		
9/21/12 10:26	1218360	20306	72.629	19.477	132.931	2.289		
9/21/12 10:41	1219260	20321	72.649	19.474	132.885	2.243		
9/21/12 10:56	1220160	20336	72.69	19.476	132.792	2.15		
9/21/12 11:11	1221060	20351	72.722	19.474	132.716	2.074		
9/21/12 11:26	1221960	20366	72.735	19.475	132.687	2.045		
9/21/12 11:41	1222860	20381	72.777	19.476	132.59	1.948		
9/21/12 11:56	1223760	20396	72.799	19.479	132.539	1.897		
9/21/12 12:11	1224660	20411	72.805	19.48	132.525	1.883		
9/21/12 12:26	1225560	20426	72.85	19.472	132.422	1.78		
9/21/12 12:41	1226460	20441	72.85	19.477	132.422	1.78		
9/21/12 12:56	1227360	20456	72.867	19.472	132.381	1.739		
9/21/12 13:11	1228260	20471	72.922	19.476	132.254	1.612		
9/21/12 13:26	1229160	20486	72.901	19.477	132.303	1.661		
9/21/12 13:41	1230060	20501	72.913	19.474	132.277	1.635		
9/21/12 13:56	1230960	20516	72.93	19.475	132.238	1.596		
9/21/12 14:11	1231860	20531	72.96	19.474	132.168	1.526		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 14:26	1232760	20546	72.962	19.475	132.162	1.52		
9/21/12 14:41	1233660	20561	72.962	19.474	132.162	1.52		
9/21/12 14:56	1234560	20576	72.977	19.473	132.127	1.485		
9/21/12 15:11	1235460	20591	72.993	19.475	132.092	1.45		
9/21/12 15:26	1236360	20606	73.011	19.473	132.05	1.408		
9/21/12 15:41	1237260	20621	73.027	19.478	132.012	1.37		
9/21/12 15:56	1238160	20636	73.033	19.48	131.998	1.356		
9/21/12 16:11	1239060	20651	73.042	19.474	131.979	1.337		
9/21/12 16:26	1239960	20666	73.053	19.478	131.952	1.31		
9/21/12 16:41	1240860	20681	73.058	19.474	131.941	1.299		
9/21/12 16:56	1241760	20696	73.055	19.477	131.947	1.305		
9/21/12 17:11	1242660	20711	73.095	19.481	131.855	1.213		
9/21/12 17:26	1243560	20726	73.094	19.475	131.858	1.216		
9/21/12 17:41	1244460	20741	73.09	19.475	131.867	1.225		
9/21/12 17:56	1245360	20756	73.105	19.476	131.833	1.191		
9/21/12 18:11	1246260	20771	73.119	19.471	131.8	1.158		
9/21/12 18:26	1247160	20786	73.099	19.475	131.846	1.204		
9/21/12 18:41	1248060	20801	73.148	19.48	131.733	1.091		
9/21/12 18:56	1248960	20816	73.131	19.478	131.773	1.131		
9/21/12 19:11	1249860	20831	73.126	19.474	131.783	1.141		
9/21/12 19:26	1250760	20846	73.135	19.479	131.764	1.122		
9/21/12 19:41	1251660	20861	73.136	19.478	131.761	1.119		
9/21/12 19:56	1252560	20876	73.167	19.473	131.69	1.048		
9/21/12 20:11	1253460	20891	73.156	19.472	131.714	1.072		
9/21/12 20:26	1254360	20906	73.172	19.471	131.678	1.036		
9/21/12 20:41	1255260	20921	73.171	19.473	131.68	1.038		
9/21/12 20:56	1256160	20936	73.175	19.474	131.67	1.028		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 21:11	1257060	20951	73.198	19.473	131.617	0.975		
9/21/12 21:26	1257960	20966	73.219	19.476	131.57	0.928		
9/21/12 21:41	1258860	20981	73.186	19.477	131.646	1.004		
9/21/12 21:56	1259760	20996	73.211	19.481	131.587	0.945		
9/21/12 22:11	1260660	21011	73.201	19.479	131.611	0.969		
9/21/12 22:26	1261560	21026	73.21	19.475	131.59	0.948		
9/21/12 22:41	1262460	21041	73.219	19.478	131.569	0.927		
9/21/12 22:56	1263360	21056	73.221	19.478	131.564	0.922		
9/21/12 23:11	1264260	21071	73.23	19.478	131.543	0.901		
9/21/12 23:26	1265160	21086	73.238	19.475	131.525	0.883		
9/21/12 23:41	1266060	21101	73.251	19.475	131.494	0.852		
9/21/12 23:56	1266960	21116	73.238	19.48	131.526	0.884		
9/22/12 0:11	1267860	21131	73.28	19.479	131.429	0.787		
9/22/12 0:26	1268760	21146	73.257	19.483	131.481	0.839		
9/22/12 0:41	1269660	21161	73.261	19.481	131.472	0.83		
9/22/12 0:56	1270560	21176	73.259	19.481	131.476	0.834		
9/22/12 1:11	1271460	21191	73.264	19.48	131.466	0.824		
9/22/12 1:26	1272360	21206	73.283	19.477	131.422	0.78		
9/22/12 1:41	1273260	21221	73.271	19.478	131.449	0.807		
9/22/12 1:56	1274160	21236	73.286	19.477	131.416	0.774		
9/22/12 2:11	1275060	21251	73.282	19.478	131.425	0.783		
9/22/12 2:26	1275960	21266	73.293	19.479	131.399	0.757		
9/22/12 2:41	1276860	21281	73.297	19.477	131.39	0.748		
9/22/12 2:56	1277760	21296	73.305	19.473	131.372	0.73		
9/22/12 3:11	1278660	21311	73.294	19.476	131.396	0.754		
9/22/12 3:26	1279560	21326	73.289	19.484	131.408	0.766		
9/22/12 3:41	1280460	21341	73.312	19.484	131.355	0.713		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 3:56	1281360	21356	73.318	19.484	131.34	0.698		
9/22/12 4:11	1282260	21371	73.323	19.487	131.329	0.687		
9/22/12 4:26	1283160	21386	73.321	19.481	131.334	0.692		
9/22/12 4:41	1284060	21401	73.331	19.481	131.31	0.668		
9/22/12 4:56	1284960	21416	73.337	19.478	131.296	0.654		
9/22/12 5:11	1285860	21431	73.318	19.482	131.341	0.699		
9/22/12 5:26	1286760	21446	73.328	19.484	131.317	0.675		
9/22/12 5:41	1287660	21461	73.337	19.479	131.296	0.654		
9/22/12 5:56	1288560	21476	73.332	19.483	131.308	0.666		
9/22/12 6:11	1289460	21491	73.343	19.479	131.284	0.642		
9/22/12 6:26	1290360	21506	73.341	19.48	131.287	0.645		
9/22/12 6:41	1291260	21521	73.343	19.479	131.283	0.641		
9/22/12 6:56	1292160	21536	73.351	19.478	131.264	0.622		
9/22/12 7:11	1293060	21551	73.348	19.482	131.27	0.628		
9/22/12 7:26	1293960	21566	73.367	19.48	131.226	0.584		
9/22/12 7:41	1294860	21581	73.367	19.473	131.226	0.584		
9/22/12 7:56	1295760	21596	73.367	19.473	131.226	0.584		
9/22/12 8:11	1296660	21611	73.369	19.477	131.223	0.581		
9/22/12 8:26	1297560	21626	73.364	19.476	131.234	0.592		
9/22/12 8:41	1298460	21641	73.377	19.475	131.205	0.563		
9/22/12 8:56	1299360	21656	73.379	19.48	131.199	0.557		
9/22/12 9:11	1300260	21671	73.371	19.47	131.217	0.575		
9/22/12 9:26	1301160	21686	73.375	19.484	131.21	0.568		
9/22/12 9:41	1302060	21701	73.376	19.481	131.207	0.565		
9/22/12 9:56	1302960	21716	73.37	19.484	131.22	0.578		
9/22/12 10:11	1303860	21731	73.418	19.481	131.11	0.468		
9/22/12 10:26	1304760	21746	73.407	19.481	131.134	0.492		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 10:41	1305660	21761	73.4	19.484	131.152	0.51		
9/22/12 10:56	1306560	21776	73.405	19.482	131.139	0.497		
9/22/12 11:11	1307460	21791	73.404	19.48	131.142	0.5		
9/22/12 11:26	1308360	21806	73.402	19.482	131.146	0.504		
9/22/12 11:41	1309260	21821	73.425	19.479	131.093	0.451		
9/22/12 11:56	1310160	21836	73.406	19.482	131.137	0.495		
9/22/12 12:11	1311060	21851	73.434	19.48	131.074	0.432		
9/22/12 12:26	1311960	21866	73.425	19.476	131.095	0.453		
9/22/12 12:41	1312860	21881	73.44	19.483	131.058	0.416		
9/22/12 12:56	1313760	21896	73.431	19.481	131.08	0.438		
9/22/12 13:11	1314660	21911	73.452	19.484	131.031	0.389		
9/22/12 13:26	1315560	21926	73.433	19.479	131.075	0.433		
9/22/12 13:41	1316460	21941	73.439	19.484	131.061	0.419		
9/22/12 13:56	1317360	21956	73.442	19.483	131.054	0.412		
9/22/12 14:11	1318260	21971	73.467	19.486	130.996	0.354		
9/22/12 14:26	1319160	21986	73.442	19.484	131.054	0.412		
9/22/12 14:41	1320060	22001	73.469	19.478	130.992	0.35		
9/22/12 14:56	1320960	22016	73.461	19.485	131.01	0.368		
9/22/12 15:11	1321860	22031	73.452	19.486	131.031	0.389		
9/22/12 15:26	1322760	22046	73.461	19.482	131.01	0.368		
9/22/12 15:41	1323660	22061	73.445	19.483	131.048	0.406		
9/22/12 15:56	1324560	22076	73.455	19.478	131.025	0.383		
9/22/12 16:11	1325460	22091	73.484	19.48	130.958	0.316		
9/22/12 16:26	1326360	22106	73.446	19.481	131.045	0.403		
9/22/12 16:41	1327260	22121	73.443	19.478	131.052	0.41		
9/22/12 16:56	1328160	22136	73.451	19.49	131.034	0.392		
9/22/12 17:11	1329060	22151	73.472	19.486	130.984	0.342		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 17:26	1329960	22166	73.499	19.481	130.922	0.28		
9/22/12 17:41	1330860	22181	73.462	19.483	131.008	0.366		
9/22/12 17:56	1331760	22196	73.472	19.483	130.984	0.342		
9/22/12 18:11	1332660	22211	73.463	19.485	131.005	0.363		
9/22/12 18:26	1333560	22226	73.482	19.485	130.961	0.319		
9/22/12 18:41	1334460	22241	73.482	19.484	130.963	0.321		
9/22/12 18:56	1335360	22256	73.466	19.483	130.999	0.357		
9/22/12 19:11	1336260	22271	73.476	19.485	130.977	0.335		
9/22/12 19:26	1337160	22286	73.487	19.483	130.951	0.309		
9/22/12 19:41	1338060	22301	73.48	19.488	130.966	0.324		
9/22/12 19:56	1338960	22316	73.476	19.48	130.977	0.335		
9/22/12 20:11	1339860	22331	73.504	19.484	130.912	0.27		
9/22/12 20:26	1340760	22346	73.486	19.486	130.954	0.312		
9/22/12 20:41	1341660	22361	73.493	19.486	130.937	0.295		
9/22/12 20:56	1342560	22376	73.488	19.49	130.948	0.306		
9/22/12 21:11	1343460	22391	73.495	19.486	130.933	0.291		
9/22/12 21:26	1344360	22406	73.486	19.486	130.953	0.311		
9/22/12 21:41	1345260	22421	73.48	19.487	130.968	0.326		
9/22/12 21:56	1346160	22436	73.482	19.488	130.963	0.321		
9/22/12 22:11	1347060	22451	73.497	19.488	130.928	0.286		
9/22/12 22:26	1347960	22466	73.501	19.484	130.918	0.276		
9/22/12 22:41	1348860	22481	73.514	19.486	130.887	0.245		
9/22/12 22:56	1349760	22496	73.508	19.482	130.901	0.259		
9/22/12 23:11	1350660	22511	73.497	19.485	130.928	0.286		
9/22/12 23:26	1351560	22526	73.508	19.483	130.901	0.259		
9/22/12 23:41	1352460	22541	73.51	19.483	130.896	0.254		
9/22/12 23:56	1353360	22556	73.512	19.485	130.893	0.251		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 0:11	1354260	22571	73.514	19.482	130.887	0.245		
9/23/12 0:26	1355160	22586	73.499	19.488	130.924	0.282		
9/23/12 0:41	1356060	22601	73.514	19.484	130.887	0.245		
9/23/12 0:56	1356960	22616	73.535	19.486	130.84	0.198		
9/23/12 1:11	1357860	22631	73.508	19.483	130.901	0.259		
9/23/12 1:26	1358760	22646	73.513	19.489	130.89	0.248		
9/23/12 1:41	1359660	22661	73.51	19.485	130.896	0.254		
9/23/12 1:56	1360560	22676	73.535	19.486	130.839	0.197		
9/23/12 2:11	1361460	22691	73.516	19.483	130.883	0.241		
9/23/12 2:26	1362360	22706	73.516	19.484	130.883	0.241		
9/23/12 2:41	1363260	22721	73.51	19.486	130.896	0.254		
9/23/12 2:56	1364160	22736	73.52	19.485	130.875	0.233		
9/23/12 3:11	1365060	22751	73.541	19.488	130.825	0.183		
9/23/12 3:26	1365960	22766	73.533	19.482	130.843	0.201		
9/23/12 3:41	1366860	22781	73.527	19.488	130.857	0.215		
9/23/12 3:56	1367760	22796	73.543	19.484	130.821	0.179		
9/23/12 4:11	1368660	22811	73.536	19.482	130.837	0.195		
9/23/12 4:26	1369560	22826	73.518	19.488	130.878	0.236		
9/23/12 4:41	1370460	22841	73.528	19.489	130.856	0.214		
9/23/12 4:56	1371360	22856	73.542	19.489	130.823	0.181		
9/23/12 5:11	1372260	22871	73.545	19.489	130.818	0.176		
9/23/12 5:26	1373160	22886	73.514	19.489	130.887	0.245		
9/23/12 5:41	1374060	22901	73.541	19.492	130.827	0.185		
9/23/12 5:56	1374960	22916	73.522	19.481	130.871	0.229		
9/23/12 6:11	1375860	22931	73.528	19.484	130.856	0.214		
9/23/12 6:26	1376760	22946	73.558	19.486	130.786	0.144		
9/23/12 6:41	1377660	22961	73.534	19.49	130.842	0.2		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 6:56	1378560	22976	73.545	19.489	130.818	0.176		
9/23/12 7:11	1379460	22991	73.551	19.486	130.804	0.162		
9/23/12 7:26	1380360	23006	73.543	19.479	130.822	0.18		
9/23/12 7:41	1381260	23021	73.564	19.49	130.774	0.132		
9/23/12 7:56	1382160	23036	73.551	19.488	130.803	0.161		
9/23/12 8:11	1383060	23051	73.529	19.489	130.854	0.212		
9/23/12 8:26	1383960	23066	73.527	19.486	130.857	0.215		
9/23/12 8:41	1384860	23081	73.553	19.486	130.798	0.156		
9/23/12 8:56	1385760	23096	73.546	19.486	130.815	0.173		
9/23/12 9:11	1386660	23111	73.554	19.486	130.795	0.153		
9/23/12 9:26	1387560	23126	73.546	19.481	130.813	0.171		
9/23/12 9:41	1388460	23141	73.578	19.483	130.74	0.098		
9/23/12 9:56	1389360	23156	73.528	19.49	130.856	0.214		
9/23/12 10:11	1390260	23171	73.557	19.488	130.789	0.147		
9/23/12 10:26	1391160	23186	73.558	19.49	130.787	0.145		
9/23/12 10:41	1392060	23201	73.565	19.489	130.769	0.127		
9/23/12 10:56	1392960	23216	73.554	19.49	130.795	0.153		
9/23/12 11:11	1393860	23231	73.55	19.482	130.806	0.164		
9/23/12 11:26	1394760	23246	73.554	19.483	130.795	0.153		
9/23/12 11:41	1395660	23261	73.555	19.484	130.793	0.151		
9/23/12 11:56	1396560	23276	73.568	19.488	130.763	0.121		
9/23/12 12:11	1397460	23291	73.575	19.491	130.746	0.104		
9/23/12 12:26	1398360	23306	73.563	19.49	130.775	0.133		
9/23/12 12:41	1399260	23321	73.597	19.487	130.696	0.054		
9/23/12 12:56	1400160	23336	73.565	19.484	130.769	0.127		
9/23/12 13:11	1401060	23351	73.558	19.491	130.787	0.145		
9/23/12 13:26	1401960	23366	73.579	19.489	130.739	0.097		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 13:41	1402860	23381	73.591	19.491	130.71	0.068		
9/23/12 13:56	1403760	23396	73.565	19.494	130.769	0.127		
9/23/12 14:11	1404660	23411	73.591	19.488	130.71	0.068		
9/23/12 14:26	1405560	23426	73.592	19.497	130.709	0.067		
9/23/12 14:41	1406460	23441	73.584	19.496	130.727	0.085		
9/23/12 14:56	1407360	23456	73.608	19.494	130.672	0.03		
9/23/12 15:11	1408260	23471	73.579	19.491	130.739	0.097		
9/23/12 15:26	1409160	23486	73.595	19.494	130.701	0.059		
9/23/12 15:41	1410060	23501	73.585	19.489	130.724	0.082		
9/23/12 15:56	1410960	23516	73.581	19.489	130.733	0.091		
9/23/12 16:11	1411860	23531	73.616	19.492	130.653	0.011		
9/23/12 16:26	1412760	23546	73.58	19.487	130.736	0.094		
9/23/12 16:41	1413660	23561	73.602	19.484	130.684	0.042		
9/23/12 16:56	1414560	23576	73.588	19.49	130.718	0.076		
9/23/12 17:11	1415460	23591	73.601	19.49	130.688	0.046		
9/23/12 17:26	1416360	23606	73.604	19.487	130.68	0.038		
9/23/12 17:41	1417260	23621	73.611	19.493	130.663	0.021		
9/23/12 17:56	1418160	23636	73.617	19.493	130.651	0.009		
9/23/12 18:11	1419060	23651	73.605	19.49	130.678	0.036		
9/23/12 18:26	1419960	23666	73.617	19.496	130.651	0.009		
9/23/12 18:41	1420860	23681	73.592	19.492	130.709	0.067		
9/23/12 18:56	1421760	23696	73.588	19.491	130.718	0.076		
9/23/12 19:11	1422660	23711	73.606	19.486	130.675	0.033		
9/23/12 19:26	1423560	23726	73.623	19.493	130.636	-0.006		
9/23/12 19:41	1424460	23741	73.592	19.495	130.709	0.067		
9/23/12 19:56	1425360	23756	73.603	19.495	130.682	0.04		
9/23/12 20:11	1426260	23771	73.585	19.495	130.724	0.082		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 20:26	1427160	23786	73.594	19.497	130.704	0.062		
9/23/12 20:41	1428060	23801	73.6	19.495	130.689	0.047		
9/23/12 20:56	1428960	23816	73.609	19.498	130.668	0.026		
9/23/12 21:11	1429860	23831	73.617	19.493	130.651	0.009		
9/23/12 21:26	1430760	23846	73.617	19.489	130.65	0.008		
9/23/12 21:41	1431660	23861	73.623	19.492	130.637	-0.005		
9/23/12 21:56	1432560	23876	73.596	19.491	130.698	0.056		
9/23/12 22:11	1433460	23891	73.61	19.492	130.666	0.024		
9/23/12 22:26	1434360	23906	73.613	19.486	130.66	0.018		
9/23/12 22:41	1435260	23921	73.589	19.493	130.715	0.073		
9/23/12 22:56	1436160	23936	73.602	19.491	130.684	0.042		
9/23/12 23:11	1437060	23951	73.594	19.491	130.704	0.062		
9/23/12 23:26	1437960	23966	73.611	19.491	130.665	0.023		
9/23/12 23:41	1438860	23981	73.627	19.489	130.627	-0.015		
9/23/12 23:56	1439760	23996	73.592	19.495	130.709	0.067		
9/24/12 0:11	1440660	24011	73.592	19.489	130.707	0.065		
9/24/12 0:26	1441560	24026	73.583	19.491	130.728	0.086		
9/24/12 0:41	1442460	24041	73.604	19.494	130.68	0.038		
9/24/12 0:56	1443360	24056	73.614	19.494	130.657	0.015		
9/24/12 1:11	1444260	24071	73.619	19.492	130.647	0.005		
9/24/12 1:26	1445160	24086	73.632	19.492	130.615	-0.027		
9/24/12 1:41	1446060	24101	73.629	19.492	130.624	-0.018		
9/24/12 1:56	1446960	24116	73.627	19.498	130.627	-0.015		
9/24/12 2:11	1447860	24131	73.604	19.495	130.68	0.038		
9/24/12 2:26	1448760	24146	73.613	19.49	130.66	0.018		
9/24/12 2:41	1449660	24161	73.638	19.491	130.601	-0.041		
9/24/12 2:56	1450560	24176	73.624	19.491	130.633	-0.009		

Table F-3
Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/24/12 3:11	1451460	24191	73.619	19.493	130.645	0.003		
9/24/12 3:26	1452360	24206	73.616	19.493	130.653	0.011		
9/24/12 3:41	1453260	24221	73.639	19.497	130.599	-0.043		
9/24/12 3:56	1454160	24236	73.64	19.497	130.598	-0.044		
9/24/12 4:11	1455060	24251	73.625	19.494	130.631	-0.011		
9/24/12 4:26	1455960	24266	73.644	19.496	130.587	-0.055		
9/24/12 4:41	1456860	24281	73.65	19.497	130.574	-0.068		
9/24/12 4:56	1457760	24296	73.613	19.492	130.66	0.018		
9/24/12 5:11	1458660	24311	73.643	19.494	130.59	-0.052		
9/24/12 5:26	1459560	24326	73.614	19.491	130.657	0.015		
9/24/12 5:41	1460460	24341	73.649	19.491	130.577	-0.065		
9/24/12 5:56	1461360	24356	73.639	19.492	130.599	-0.043		
9/24/12 6:11	1462260	24371	73.624	19.49	130.635	-0.007		
9/24/12 6:26	1463160	24386	73.617	19.494	130.651	0.009		
9/24/12 6:41	1464060	24401	73.613	19.494	130.659	0.017		
9/24/12 6:56	1464960	24416	73.642	19.492	130.592	-0.05		
9/24/12 7:11	1465860	24431	73.617	19.489	130.651	0.009		
9/24/12 7:26	1466760	24446	73.632	19.49	130.615	-0.027		
9/24/12 7:41	1467660	24461	73.631	19.491	130.618	-0.024		
9/24/12 7:56	1468560	24476	73.619	19.492	130.645	0.003		
9/24/12 8:11	1469460	24491	73.636	19.494	130.607	-0.035		
9/24/12 8:26	1470360	24506	73.622	19.493	130.639	-0.003		
9/24/12 8:41	1471260	24521	73.612	19.491	130.662	0.02		
9/24/12 8:56	1472160	24536	73.636	19.496	130.607	-0.035		
9/24/12 9:11	1473060	24551	73.64	19.496	130.596	-0.046		
9/24/12 9:26	1473960	24566	73.647	19.497	130.581	-0.061		
9/24/12 9:41	1474860	24581	73.65	19.498	130.574	-0.068		

Table F-3

Well 3A Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/24/12 9:56	1475760	24596	73.659	19.495	130.553	-0.089		
9/24/12 10:11	1476660	24611	73.628	19.49	130.624	-0.018		
9/24/12 10:26	1477560	24626	73.642	19.494	130.592	-0.05		
9/24/12 10:41	1478460	24641	73.611	19.501	130.665	0.023		
9/24/12 10:56	1479360	24656	73.634	19.501	130.61	-0.032		
9/24/12 11:11	1480260	24671	73.636	19.491	130.607	-0.035		
9/24/12 11:26	1481160	24686	73.651	19.494	130.572	-0.07		
9/24/12 11:41	1482060	24701	73.668	19.495	130.533	-0.109		
9/24/12 11:56	1482960	24716	73.659	19.495	130.553	-0.089		
9/24/12 12:11	1483860	24731	73.665	19.494	130.54	-0.102		
9/24/12 12:26	1484760	24746	73.639	19.495	130.6	-0.042		
9/24/12 12:41	1485660	24761	73.64	19.491	130.598	-0.044		
9/24/12 12:56	1486560	24776	73.667	19.498	130.534	-0.108		
9/24/12 13:11	1487460	24791	73.644	19.494	130.588	-0.054		
9/24/12 13:26	1488360	24806	73.647	19.493	130.582	-0.06		
9/24/12 13:41	1489260	24821	73.653	19.494	130.568	-0.074		
9/24/12 13:56	1490160	24836	73.631	19.491	130.618	-0.024		
9/24/12 14:11	1491060	24851	73.622	19.494	130.638	-0.004		
9/24/12 14:26	1491960	24866	73.634	19.493	130.612	-0.03		
Notes: PSI: Pounds per square inch C: Degrees Celcius ft btoc: feet below top of casing gpm: gallons per minute								

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
								Background data collection
7/18/12 18:00			30.386	19.182	132.527	-0.028		
7/19/12 18:00			30.421	19.194	132.448	-0.107		
7/20/12 18:00			30.443	19.198	132.396	-0.159		
7/21/12 18:00			30.446	19.2	132.389	-0.166		
7/22/12 18:00			30.449	19.201	132.383	-0.172		
7/23/12 18:00			30.462	19.204	132.352	-0.203		
7/24/12 18:00			30.458	19.204	132.362	-0.193		
7/25/12 18:00			30.454	19.204	132.372	-0.183		
7/26/12 18:00			30.47	19.205	132.333	-0.222		
7/27/12 18:00			30.457	19.205	132.365	-0.19		
7/28/12 18:00			30.465	19.205	132.346	-0.209		
7/29/12 18:00			30.472	19.205	132.329	-0.226		
7/30/12 18:00			30.466	19.205	132.343	-0.212		
7/31/12 18:00			30.465	19.205	132.346	-0.209		
8/1/12 18:00			30.46	19.206	132.356	-0.199		
8/2/12 18:00			30.472	19.207	132.33	-0.225		
8/3/12 18:00			30.464	19.206	132.349	-0.206		
8/4/12 18:00			30.463	19.207	132.35	-0.205		
8/5/12 18:00			30.459	19.208	132.359	-0.196		
8/6/12 18:00			30.462	19.206	132.352	-0.203		
8/7/12 18:00			30.463	19.207	132.351	-0.204		
8/8/12 18:00			30.462	19.209	132.352	-0.203		
8/9/12 18:00			30.46	19.209	132.358	-0.197		
8/10/12 18:00			30.47	19.208	132.334	-0.221		
8/11/12 18:00			30.457	19.211	132.365	-0.19		
8/12/12 18:00			30.461	19.208	132.356	-0.199		
8/13/12 18:00			30.464	19.211	132.348	-0.207		
8/14/12 18:00			30.474	19.208	132.325	-0.23		
8/15/12 18:00			30.534	19.212	132.187	-0.368		
8/16/12 18:00			30.504	19.21	132.255	-0.3		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/17/12 18:00			30.526	19.214	132.205	-0.35		
8/18/12 18:00			30.501	19.212	132.262	-0.293		
8/19/12 18:00			30.48	19.21	132.311	-0.244		
8/20/12 18:00			30.531	19.213	132.193	-0.362		
8/21/12 18:00			30.478	19.215	132.316	-0.239		
8/22/12 18:00			30.458	19.214	132.362	-0.193		
8/23/12 10:25			30.47	19.234	132.264	-0.291		probe repositioned- New Log
8/23/12 11:25			30.461	19.221	132.284	-0.271		start of development
8/23/12 12:25			30.471	19.22	132.262	-0.293		
8/23/12 13:25			30.462	19.217	132.282	-0.273		
8/23/12 14:25			30.214	19.219	132.854	0.299		pump on- development
8/23/12 15:25			29.871	19.217	133.647	1.092		
8/23/12 16:25			29.969	19.207	133.42	0.865		pump off
8/23/12 17:25			30.262	19.201	132.745	0.19		
8/23/12 18:25			30.324	19.2	132.601	0.046		
8/23/12 19:25			30.363	19.204	132.512	-0.043		
8/23/12 20:25			30.374	19.203	132.486	-0.069		
8/23/12 21:25			30.388	19.206	132.453	-0.102		
8/23/12 22:25			30.396	19.207	132.435	-0.12		
8/23/12 23:25			30.407	19.208	132.411	-0.144		
8/24/12 0:25			30.408	19.208	132.407	-0.148		
8/24/12 1:25			30.412	19.21	132.397	-0.158		
8/24/12 2:25			30.414	19.214	132.394	-0.161		
8/24/12 3:25			30.421	19.214	132.378	-0.177		
8/24/12 4:25			30.418	19.214	132.384	-0.171		
8/24/12 5:25			30.433	19.216	132.35	-0.205		
8/24/12 6:25			30.423	19.217	132.373	-0.182		
8/24/12 7:25			30.424	19.218	132.371	-0.184		
8/24/12 8:25			30.407	19.217	132.411	-0.144		
8/24/12 9:25			30.404	19.214	132.418	-0.137		
8/24/12 10:00							132.41	

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/24/12 10:25			30.426	19.216	132.366	-0.028		
8/24/12 11:25			30.438	19.217	132.337	0		
8/24/12 12:25			30.438	19.217	132.337	-0.03		
8/24/12 16:00			29.92	19.26	130.585	-0.023		probe repositioned- New log
8/24/12 17:00			29.908	19.261	130.585	-0.029		
8/24/12 18:00			29.921	19.264	130.611	-0.028		
8/24/12 19:00			29.918	19.265	130.618	-0.029		
8/24/12 20:00			29.92	19.264	130.612	-0.023		
8/24/12 21:00			29.92	19.264	130.613	-0.035		
8/24/12 22:00			29.92	19.265	130.612	-0.041		
8/24/12 23:00			29.917	19.267	130.618	-0.029		
8/25/12 0:00			29.923	19.269	130.606	-0.04		
8/25/12 1:00			29.926	19.266	130.6	-0.037		
8/25/12 2:00			29.92	19.269	130.612	-0.041		
8/25/12 3:00			29.925	19.266	130.601	-0.04		
8/25/12 4:00			29.924	19.269	130.604	-0.02		
8/25/12 5:00			29.925	19.271	130.6	-0.038		
8/25/12 6:00			29.925	19.271	130.601	-0.038		
8/25/12 7:00			29.916	19.273	130.621	-0.044		
8/25/12 8:00			29.924	19.273	130.603	-0.054		
8/25/12 9:00			29.924	19.272	130.603	-0.058		
8/25/12 10:00			29.927	19.274	130.597	-0.063		
8/25/12 11:00			29.931	19.273	130.587	-0.072		
8/25/12 12:00			29.933	19.274	130.583	0		
8/25/12 13:00			29.935	19.272	130.578	-0.06		
8/25/12 14:00			29.939	19.272	130.569	-0.082		
8/25/12 15:00			29.933	19.274	130.581	-0.074		
8/25/12 16:00			29.943	19.276	130.559	-0.075		
8/25/12 17:00			29.94	19.273	130.567	-0.067		
8/25/12 18:00			29.945	19.276	130.555	-0.065		
8/25/12 19:00			29.94	19.275	130.566	-0.063		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/25/12 20:00			29.936	19.275	130.574	-0.07		
8/25/12 21:00			29.936	19.277	130.576	-0.065		
8/25/12 22:00			29.935	19.276	130.578	-0.053		
8/25/12 23:00			29.938	19.276	130.571	-0.068		
8/26/12 0:00			29.936	19.278	130.576	-0.067		
8/26/12 1:00			29.931	19.274	130.588	-0.064		
8/26/12 2:00			29.937	19.276	130.573	-0.063		
8/26/12 3:00			29.937	19.277	130.574	-0.058		
8/26/12 4:00			29.935	19.28	130.577	-0.042		
8/26/12 5:00			29.935	19.28	130.578	-0.056		
8/26/12 6:00			29.933	19.279	130.583	-0.057		
8/26/12 7:00			29.926	19.278	130.599	-0.053		
8/26/12 8:00			29.932	19.279	130.585	-0.048		
8/26/12 9:00			29.932	19.282	130.584	-0.069		
8/26/12 10:00			29.93	19.28	130.588	-0.077		
8/26/12 11:00			29.928	19.282	130.593	-0.032		
8/26/12 12:00			29.938	19.284	130.572	-0.086		
8/26/12 13:00			29.941	19.28	130.564	-0.085		
8/26/12 14:00			29.921	19.282	130.609	-0.084		
8/26/12 15:00			29.945	19.281	130.555	-0.081		
8/26/12 16:00			29.945	19.284	130.556	-0.062		
8/26/12 17:00			29.944	19.282	130.557	-0.074		
8/26/12 18:00			29.943	19.285	130.56	-0.067		
8/26/12 19:00			29.934	19.286	130.579	-0.06		
8/26/12 20:00			29.939	19.285	130.567	-0.062		
8/26/12 21:00			29.937	19.283	130.574	-0.067		
8/26/12 22:00			29.934	19.286	130.581	-0.067		
8/26/12 23:00			29.934	19.284	130.579	-0.067		
8/27/12 0:00			29.937	19.285	130.574	-0.068		
8/27/12 1:00			29.937	19.286	130.574	-0.067		
8/27/12 2:00			29.937	19.286	130.574	-0.066		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/27/12 3:00			29.937	19.285	130.573	-0.058		
8/27/12 4:00			29.937	19.286	130.574	-0.052		
8/27/12 5:00			29.936	19.288	130.575	-0.053		
8/27/12 6:00			29.933	19.288	130.583	-0.053		
8/27/12 7:00			29.93	19.288	130.589	-0.067		
8/27/12 8:00			29.931	19.289	130.588	-0.045		
8/27/12 9:00			29.93	19.291	130.588	-0.066		
8/27/12 10:00			29.937	19.289	130.574	-0.078		
8/27/12 11:00			29.927	19.288	130.596	-0.078		
8/27/12 12:00			29.936	19.288	130.575	-0.093		
8/27/12 13:00			29.941	19.29	130.563	-0.104		
8/27/12 13:05							132.44	
8/27/12 14:00			29.942	19.29	130.563			
8/27/12 15:00			29.948	19.292	130.548	-0.218		
8/27/12 16:00			29.953	19.29	130.537	-0.218		
8/27/12 17:00			29.948	19.29	130.548	-0.218		
8/27/12 17:21			29.924	19.292	130.603	-0.218		
8/28/12 9:15							132.44	
8/28/12 16:55							132.81	
8/28/12 17:01			29.864	19.267	132.815	0.26		
8/28/12 18:01			29.88	19.269	132.779	0.224		
8/28/12 19:01			29.888	19.272	132.76	0.205		
8/28/12 20:01			29.897	19.275	132.74	0.185		
8/28/12 21:01			29.902	19.28	132.728	0.173		
8/28/12 22:01			29.906	19.281	132.718	0.163		
8/28/12 23:01			29.911	19.288	132.707	0.152		
8/29/12 0:01			29.914	19.288	132.699	0.144		
8/29/12 1:01			29.918	19.291	132.691	0.136		
8/29/12 2:01			29.923	19.288	132.678	0.123		
8/29/12 3:01			29.924	19.29	132.677	0.122		
8/29/12 4:01			29.927	19.295	132.669	0.114		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/29/12 5:01			29.934	19.294	132.654	0.099		
8/29/12 6:01			29.929	19.295	132.666	0.111		
8/29/12 7:01			29.929	19.296	132.666	0.111		
8/29/12 8:01			29.927	19.297	132.67	0.115		
8/29/12 9:01			29.934	19.299	132.654	0.099		
8/29/12 9:20							132.49	
8/29/12 10:01			30.03	19.297	132.432	-0.123		
8/29/12 11:01			30.081	19.303	132.313	-0.242		
8/29/12 12:01			30.099	19.306	132.272	-0.283		
8/29/12 13:01			30.004	19.308	132.492	-0.063		
8/29/12 14:01			29.845	19.303	132.86	0.305		
8/29/12 15:01			29.864	19.289	132.815	0.26		
8/29/12 16:01			29.947	19.289	132.624	0.069		
8/29/12 16:45							132.52	
8/29/12 17:01			29.844	19.293	132.863	0.308		
8/29/12 18:01			29.915	19.293	132.697	0.142		
8/29/12 19:01			29.939	19.291	132.643	0.088		
8/29/12 20:01			29.942	19.296	132.635	0.08		
8/29/12 21:01			29.944	19.299	132.632	0.077		
8/29/12 22:01			29.948	19.301	132.621	0.066		
8/29/12 23:01			29.953	19.302	132.609	0.054		
8/30/12 0:01			29.954	19.303	132.608	0.053		
8/30/12 1:01			29.956	19.302	132.604	0.049		
8/30/12 2:01			29.952	19.305	132.612	0.057		
8/30/12 3:01			29.96	19.305	132.594	0.039		
8/30/12 4:01			29.963	19.307	132.587	0.032		
8/30/12 5:01			29.962	19.305	132.59	0.035		
8/30/12 6:01			29.962	19.307	132.59	0.035		
8/30/12 7:01			29.96	19.308	132.593	0.038		
8/30/12 8:01			29.96	19.306	132.593	0.038		
8/30/12 8:45							132.66	

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/30/12 9:01			29.914	19.308	132.7	0.145		
8/30/12 10:01			29.84	19.291	132.87	0.315		
8/30/12 11:01			29.845	19.287	132.858	0.303		
8/30/12 12:01			29.789	19.272	132.99	0.435		
8/30/12 13:01			29.821	19.267	132.914	0.359		
8/30/12 14:01			29.771	19.262	133.03	0.475		
8/30/12 15:01			29.791	19.26	132.983	0.428		
8/30/12 16:01			29.582	19.25	133.467	0.912		
8/30/12 17:01			29.804	19.245	132.953	0.398		
8/30/12 18:01			29.87	19.263	132.801	0.246		
8/30/12 19:01			29.899	19.274	132.735	0.18		
8/30/12 20:01			29.91	19.28	132.709	0.154		
8/30/12 21:01			29.915	19.287	132.697	0.142		
8/30/12 22:01			29.922	19.292	132.681	0.126		
8/30/12 23:01			29.927	19.296	132.671	0.116		
8/31/12 0:01			29.93	19.3	132.662	0.107		
8/31/12 1:01			29.935	19.301	132.652	0.097		
8/31/12 2:01			29.94	19.306	132.639	0.084		
8/31/12 3:01			29.943	19.305	132.634	0.079		
8/31/12 4:01			29.943	19.304	132.633	0.078		
8/31/12 5:01			29.953	19.307	132.61	0.055		
8/31/12 6:01			29.946	19.307	132.626	0.071		
8/31/12 7:01			29.946	19.307	132.626	0.071		
8/31/12 8:01			29.94	19.308	132.639	0.084		
8/31/12 9:01			29.952	19.312	132.612	0.057		
8/31/12 10:01			29.947	19.312	132.623	0.068		
8/31/12 11:01			29.951	19.313	132.615	0.06		
8/31/12 12:01			29.954	19.315	132.607	0.052		
8/31/12 13:01			29.956	19.318	132.602	0.047		
8/31/12 14:01			29.958	19.314	132.597	0.042		
8/31/12 15:01			29.964	19.314	132.584	0.029		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/31/12 16:01			29.97	19.314	132.57	0.015		
8/31/12 17:01			29.966	19.316	132.579	0.024		
8/31/12 18:01			29.966	19.317	132.579	0.024		
8/31/12 19:01			29.963	19.319	132.586	0.031		
8/31/12 20:01			29.966	19.318	132.579	0.024		
8/31/12 21:01			29.958	19.32	132.597	0.042		
8/31/12 22:01			29.958	19.321	132.597	0.042		
8/31/12 23:01			29.956	19.322	132.603	0.048		
9/1/12 0:01			29.966	19.32	132.581	0.026		
9/1/12 1:01			29.959	19.322	132.595	0.04		
9/1/12 2:01			29.963	19.324	132.586	0.031		
9/1/12 3:01			29.963	19.326	132.588	0.033		
9/1/12 4:01			29.963	19.325	132.588	0.033		
9/1/12 5:01			29.97	19.325	132.571	0.016		
9/1/12 6:01			29.962	19.326	132.589	0.034		
9/1/12 7:01			29.96	19.323	132.594	0.039		
9/1/12 8:01			29.96	19.329	132.594	0.039		
9/1/12 9:01			29.963	19.328	132.587	0.032		
9/1/12 10:01			29.963	19.329	132.587	0.032		
9/1/12 11:01			29.963	19.329	132.587	0.032		
9/1/12 12:01			29.972	19.328	132.566	0.011		
9/1/12 13:01			29.969	19.332	132.574	0.019		
9/1/12 14:01			29.97	19.329	132.572	0.017		
9/1/12 15:01			29.978	19.33	132.553	-0.002		
9/1/12 16:01			29.979	19.333	132.551	-0.004		
9/1/12 17:01			29.971	19.332	132.567	0.012		
9/1/12 18:01			29.978	19.331	132.551	-0.004		
9/1/12 19:01			29.971	19.332	132.569	0.014		
9/1/12 20:01			29.972	19.332	132.567	0.012		
9/1/12 21:01			29.965	19.334	132.582	0.027		
9/1/12 22:01			29.965	19.337	132.582	0.027		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/1/12 23:01			29.965	19.333	132.581	0.026		
9/2/12 0:01			29.971	19.337	132.568	0.013		
9/2/12 1:01			29.966	19.335	132.579	0.024		
9/2/12 2:01			29.967	19.336	132.577	0.022		
9/2/12 3:01			29.975	19.338	132.558	0.003		
9/2/12 4:01			29.974	19.336	132.562	0.007		
9/2/12 5:01			29.975	19.337	132.559	0.004		
9/2/12 6:01			29.967	19.337	132.577	0.022		
9/2/12 7:01			29.964	19.34	132.585	0.03		
9/2/12 8:01			29.966	19.34	132.58	0.025		
9/2/12 9:01			29.968	19.339	132.576	0.021		
9/2/12 10:01			29.969	19.34	132.574	0.019		
9/2/12 11:01			29.97	19.34	132.57	0.015		
9/2/12 12:01			29.976	19.34	132.556	0.001		
9/2/12 13:01			29.979	19.339	132.551	-0.004		
9/2/12 14:01			29.981	19.341	132.546	-0.009		
9/2/12 15:01			29.975	19.341	132.559	0.004		
9/2/12 16:01			29.981	19.341	132.546	-0.009		
9/2/12 17:01			29.983	19.343	132.541	-0.014		
9/2/12 18:01			29.985	19.343	132.536	-0.019		
9/2/12 19:01			29.975	19.345	132.559	0.004		
9/2/12 20:01			29.97	19.342	132.571	0.016		
9/2/12 21:01			29.968	19.346	132.576	0.021		
9/2/12 22:01			29.966	19.345	132.579	0.024		
9/2/12 23:01			29.972	19.345	132.566	0.011		
9/3/12 0:01			29.974	19.345	132.562	0.007		
9/3/12 1:01			29.968	19.347	132.576	0.021		
9/3/12 2:01			29.967	19.347	132.577	0.022		
9/3/12 3:01			29.975	19.346	132.559	0.004		
9/3/12 4:01			29.976	19.347	132.558	0.003		
9/3/12 5:01			29.976	19.348	132.558	0.003		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/3/12 6:01			29.969	19.347	132.573	0.018		
9/3/12 7:01			29.972	19.349	132.566	0.011		
9/3/12 8:01			29.972	19.349	132.565	0.01		
9/3/12 9:01			29.972	19.346	132.565	0.01		
9/3/12 10:01			29.967	19.349	132.577	0.022		
9/3/12 11:01			29.969	19.349	132.572	0.017		
9/3/12 12:01			29.97	19.348	132.57	0.015		
9/3/12 13:01			29.973	19.35	132.565	0.01		
9/3/12 14:01			29.982	19.354	132.544	-0.011		
9/3/12 15:01			29.978	19.354	132.553	-0.002		
9/3/12 16:01			29.976	19.354	132.556	0.001		
9/3/12 17:01			29.983	19.354	132.542	-0.013		
9/3/12 18:01			29.974	19.353	132.56	0.005		
9/3/12 19:01			29.981	19.35	132.546	-0.009		
9/3/12 20:01			29.979	19.353	132.549	-0.006		
9/3/12 21:01			29.975	19.354	132.559	0.004		
9/3/12 22:01			29.969	19.353	132.572	0.017		
9/3/12 23:01			29.974	19.357	132.561	0.006		
9/4/12 0:01			29.967	19.354	132.578	0.023		
9/4/12 1:01			29.965	19.356	132.581	0.026		
9/4/12 2:01			29.968	19.356	132.576	0.021		
9/4/12 3:01			29.975	19.356	132.559	0.004		
9/4/12 4:01			29.975	19.358	132.559	0.004		
9/4/12 5:01			29.975	19.358	132.559	0.004		
9/4/12 6:01			29.966	19.357	132.58	0.025		
9/4/12 7:01			29.969	19.358	132.572	0.017		
9/4/12 8:01			29.967	19.361	132.578	0.023		
9/4/12 9:01			29.97	19.358	132.571	0.016		
9/4/12 10:01			29.976	19.357	132.557	0.002		
9/4/12 11:01			29.978	19.359	132.553	-0.002		
9/4/12 12:01			29.98	19.358	132.548	-0.007		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/4/12 13:01			29.983	19.363	132.54	-0.015		
9/4/12 14:01			29.985	19.36	132.536	-0.019		
9/4/12 15:01			29.984	19.363	132.538	-0.017		
9/4/12 15:25							132.42	
9/4/12 16:01			30.11	19.365	132.248	-0.307		
9/4/12 17:01			30.022	19.364	132.451	-0.104		
9/4/12 18:01			30.076	19.361	132.326	-0.229		
9/4/12 19:01			30.081	19.363	132.315	-0.24		
9/4/12 20:01			30.086	19.36	132.302	-0.253		
9/4/12 21:01			30.087	19.36	132.301	-0.254		
9/4/12 22:01			30.083	19.364	132.309	-0.246		
9/4/12 23:01			30.088	19.365	132.298	-0.257		
9/5/12 0:01			30.085	19.363	132.304	-0.251		
9/5/12 1:01			30.088	19.366	132.298	-0.257		
9/5/12 2:01			30.089	19.366	132.297	-0.258		
9/5/12 3:01			30.092	19.367	132.29	-0.265		
9/5/12 4:01			30.091	19.367	132.291	-0.264		
9/5/12 5:01			30.096	19.368	132.279	-0.276		
9/5/12 6:01			30.091	19.365	132.292	-0.263		
9/5/12 7:01			30.089	19.369	132.296	-0.259		
9/5/12 7:30							132.47	
9/5/12 8:00			30.079	19.375	132.484	-0.071		
9/5/12 8:05			30.062	19.371	132.524	-0.031		
9/5/12 8:10			30.057	19.37	132.535	-0.02		
9/5/12 8:15			30.055	19.371	132.541	-0.014		
9/5/12 8:20			30.054	19.37	132.544	-0.011		
9/5/12 8:25			30.052	19.371	132.547	-0.008		
9/5/12 8:30			30.051	19.37	132.55	-0.005		
9/5/12 8:35			30.045	19.371	132.563	0.008		
9/5/12 8:40			30.048	19.37	132.556	0.001		Step Test- 25 gpm
9/5/12 8:45			30.003	19.368	132.661	0.106		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/5/12 8:50			29.948	19.37	132.788	0.233		
9/5/12 8:55			29.892	19.367	132.917	0.362		
9/5/12 9:00			29.845	19.372	133.026	0.471		
9/5/12 9:05			29.805	19.37	133.118	0.563		
9/5/12 9:10			29.779	19.368	133.179	0.624		
9/5/12 9:15			29.746	19.365	133.255	0.7		
9/5/12 9:20			29.722	19.364	133.31	0.755		
9/5/12 9:25			29.701	19.366	133.358	0.803		
9/5/12 9:30			29.686	19.36	133.393	0.838		
9/5/12 9:35			29.667	19.359	133.437	0.882		
9/5/12 9:40			29.656	19.354	133.462	0.907		35 gpm
9/5/12 9:45			29.615	19.351	133.556	1.001		
9/5/12 9:50			29.579	19.348	133.639	1.084		
9/5/12 9:55			29.544	19.344	133.72	1.165		
9/5/12 10:00			29.508	19.342	133.804	1.249		
9/5/12 10:05			29.485	19.334	133.857	1.302		
9/5/12 10:10			29.454	19.33	133.929	1.374		
9/5/12 10:15			29.437	19.327	133.967	1.412		
9/5/12 10:20			29.416	19.321	134.016	1.461		
9/5/12 10:25			29.399	19.313	134.056	1.501		
9/5/12 10:30			29.379	19.315	134.101	1.546		
9/5/12 10:35			29.37	19.309	134.122	1.567		
9/5/12 10:40			29.352	19.303	134.164	1.609		45 gpm
9/5/12 10:45			29.305	19.298	134.272	1.717		
9/5/12 10:50			29.248	19.295	134.404	1.849		
9/5/12 10:55			29.221	19.292	134.466	1.911		
9/5/12 11:00			29.185	19.287	134.549	1.994		
9/5/12 11:05			29.164	19.283	134.599	2.044		
9/5/12 11:10			29.143	19.28	134.647	2.092		
9/5/12 11:15			29.125	19.277	134.689	2.134		
9/5/12 11:20			29.107	19.27	134.728	2.173		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/5/12 11:25			29.096	19.267	134.756	2.201		
9/5/12 11:30			29.076	19.266	134.801	2.246		
9/5/12 11:35			29.073	19.26	134.807	2.252		
9/5/12 11:40			29.059	19.257	134.841	2.286		
9/5/12 11:45			29.05	19.254	134.86	2.305		
9/5/12 11:50			29.04	19.252	134.885	2.33		
9/5/12 11:55			29.029	19.25	134.909	2.354		
9/5/12 12:00			29.022	19.249	134.926	2.371		
9/5/12 12:05			29.005	19.244	134.964	2.409		
9/5/12 12:10			29.003	19.243	134.97	2.415		
9/5/12 12:15			28.997	19.243	134.983	2.428		
9/5/12 12:20			28.988	19.242	135.004	2.449		
9/5/12 12:25			28.972	19.237	135.041	2.486		
9/5/12 12:30			28.973	19.236	135.039	2.484		
9/5/12 12:35			28.964	19.234	135.059	2.504		
9/5/12 12:40			28.948	19.232	135.097	2.542		
9/5/12 12:45			28.952	19.234	135.088	2.533		
9/5/12 12:50			28.94	19.232	135.115	2.56		
9/5/12 12:55			28.931	19.23	135.136	2.581		
9/5/12 13:00			28.934	19.23	135.129	2.574		
9/5/12 13:05			28.938	19.227	135.119	2.564		
9/5/12 13:10			28.929	19.229	135.142	2.587		
9/5/12 13:15			28.917	19.225	135.169	2.614		
9/5/12 13:20			28.912	19.224	135.181	2.626		
9/5/12 13:25			28.912	19.223	135.18	2.625		
9/5/12 13:30			28.902	19.222	135.203	2.648		
9/5/12 13:35			28.907	19.223	135.19	2.635		
9/5/12 13:40			28.897	19.223	135.215	2.66		
9/5/12 13:45			28.898	19.22	135.212	2.657		
9/5/12 13:50			28.888	19.219	135.236	2.681		
9/5/12 13:55			28.887	19.219	135.237	2.682		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/5/12 14:00			28.877	19.218	135.261	2.706		end of step test
9/5/12 14:05			28.889	19.215	135.234	2.679		
9/5/12 14:10			28.978	19.215	135.027	2.472		
9/5/12 14:15			29.097	19.213	134.753	2.198		
9/5/12 14:20			29.207	19.217	134.499	1.944		
9/5/12 14:25			29.302	19.216	134.279	1.724		
9/5/12 14:30			29.374	19.217	134.112	1.557		
9/5/12 14:35			29.423	19.217	134.001	1.446		
9/5/12 14:40			29.473	19.219	133.884	1.329		
9/5/12 14:45			29.502	19.222	133.818	1.263		
9/5/12 14:50			29.533	19.226	133.747	1.192		
9/5/12 14:55			29.562	19.226	133.68	1.125		
9/5/12 15:00			29.579	19.228	133.639	1.084		
9/5/12 15:05			29.609	19.231	133.57	1.015		
9/5/12 15:10			29.622	19.23	133.541	0.986		
9/5/12 15:15			29.645	19.234	133.488	0.933		
9/5/12 15:20			29.654	19.234	133.467	0.912		
9/5/12 15:25			29.675	19.237	133.418	0.863		
9/5/12 15:30			29.681	19.238	133.405	0.85		
9/5/12 15:35			29.701	19.243	133.359	0.804		
9/5/12 15:40			29.705	19.245	133.348	0.793		
9/5/12 15:45			29.716	19.248	133.324	0.769		
9/5/12 15:50			29.726	19.248	133.3	0.745		
9/5/12 15:55			29.734	19.247	133.283	0.728		
9/5/12 16:00			29.746	19.257	133.255	0.7		End of Development and Step Test
9/5/12 16:00							133.18	
9/6/12 8:48							132.60	
9/6/12 14:55							132.78	
9/7/12 7:35							132.59	
9/7/12 8:00	0	0	30.017	19.359	132.555	0		Start of APT 2
9/7/12 8:00	0.251	0.004183333	30.016	19.382	132.556	0.001		

Table F-4
MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:00	0.501	0.00835	30.012	19.395	132.566	0.011		
9/7/12 8:00	0.751	0.012516667	30.019	19.403	132.55	-0.005		
9/7/12 8:00	1.001	0.016683333	30.018	19.411	132.553	-0.002		
9/7/12 8:00	1.251	0.02085	30.016	19.421	132.556	0.001		
9/7/12 8:00	1.501	0.025016667	30.014	19.427	132.56	0.005		
9/7/12 8:00	1.751	0.029183333	30.015	19.426	132.56	0.005		
9/7/12 8:00	2.001	0.03335	30.014	19.43	132.561	0.006		
9/7/12 8:00	2.251	0.037516667	30.014	19.436	132.561	0.006		
9/7/12 8:00	2.501	0.041683333	30.012	19.437	132.566	0.011		
9/7/12 8:00	2.751	0.04585	30.012	19.439	132.565	0.01		
9/7/12 8:00	3.001	0.050016667	30.012	19.443	132.565	0.01		
9/7/12 8:00	3.251	0.054183333	30.013	19.447	132.564	0.009		
9/7/12 8:00	3.501	0.05835	30.012	19.448	132.566	0.011		
9/7/12 8:00	3.751	0.062516667	30.011	19.446	132.569	0.014		
9/7/12 8:00	4.001	0.066683333	30.009	19.45	132.572	0.017		
9/7/12 8:00	4.251	0.07085	30.009	19.452	132.573	0.018		
9/7/12 8:00	4.501	0.075016667	30.009	19.452	132.572	0.017		
9/7/12 8:00	4.751	0.079183333	30.015	19.455	132.559	0.004		
9/7/12 8:00	5.001	0.08335	30.014	19.456	132.561	0.006		
9/7/12 8:00	5.251	0.087516667	30.015	19.457	132.559	0.004		
9/7/12 8:00	5.501	0.091683333	30.015	19.46	132.56	0.005		
9/7/12 8:00	5.751	0.09585	30.014	19.459	132.561	0.006		
9/7/12 8:00	6.001	0.100016667	30.007	19.463	132.577	0.022		
9/7/12 8:00	6.361	0.106016667	30.013	19.45	132.563	0.008		
9/7/12 8:00	6.721	0.112016667	30.014	19.449	132.562	0.007		
9/7/12 8:00	7.141	0.119016667	30.008	19.44	132.575	0.02		
9/7/12 8:00	7.561	0.126016667	30.015	19.44	132.558	0.003		
9/7/12 8:00	7.981	0.133016667	30.012	19.434	132.565	0.01		
9/7/12 8:00	8.461	0.141016667	30.01	19.43	132.571	0.016		
9/7/12 8:00	9.001	0.150016667	30.009	19.424	132.574	0.019		
9/7/12 8:00	9.481	0.158016667	30.009	19.425	132.573	0.018		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:00	10.081	0.168016667	30.01	19.423	132.57	0.015		
9/7/12 8:00	10.681	0.178016667	30.008	19.418	132.575	0.02		
9/7/12 8:00	11.281	0.188016667	30.01	19.419	132.571	0.016		
9/7/12 8:00	11.94	0.199	30.01	19.416	132.57	0.015		
9/7/12 8:00	12.66	0.211	30.008	19.415	132.575	0.02		
9/7/12 8:00	13.44	0.224	30.009	19.41	132.573	0.018		
9/7/12 8:00	14.22	0.237	30.008	19.41	132.575	0.02		
9/7/12 8:00	15.061	0.251016667	30.009	19.407	132.572	0.017		
9/7/12 8:00	15.96	0.266	30.007	19.404	132.579	0.024		
9/7/12 8:00	16.92	0.282	30.007	19.405	132.578	0.023		
9/7/12 8:00	17.88	0.298	30.007	19.403	132.577	0.022		
9/7/12 8:00	18.96	0.316	30.001	19.401	132.592	0.037		
9/7/12 8:00	20.101	0.335016667	30.008	19.401	132.575	0.02		
9/7/12 8:00	21.301	0.355016667	30.001	19.399	132.592	0.037		
9/7/12 8:00	22.561	0.376016667	30.006	19.4	132.581	0.026		
9/7/12 8:00	23.88	0.398	29.999	19.398	132.595	0.04		
9/7/12 8:00	25.321	0.422016667	29.998	19.396	132.6	0.045		
9/7/12 8:00	26.821	0.447016667	29.997	19.394	132.601	0.046		
9/7/12 8:00	28.38	0.473	29.997	19.394	132.602	0.047		
9/7/12 8:00	30.061	0.501016667	29.994	19.393	132.607	0.052		
9/7/12 8:00	31.86	0.531	29.991	19.392	132.614	0.059		
9/7/12 8:00	33.72	0.562	29.992	19.389	132.611	0.056		
9/7/12 8:00	35.761	0.596016667	29.991	19.391	132.614	0.059		
9/7/12 8:00	37.86	0.631	29.989	19.391	132.619	0.064		
9/7/12 8:00	40.08	0.668	29.987	19.39	132.625	0.07		
9/7/12 8:00	42.481	0.708016667	29.986	19.39	132.626	0.071		
9/7/12 8:00	45	0.75	29.983	19.387	132.632	0.077		
9/7/12 8:00	47.64	0.794	29.98	19.387	132.639	0.084		
9/7/12 8:00	50.46	0.841	29.979	19.386	132.643	0.088		
9/7/12 8:00	53.46	0.891	29.975	19.384	132.65	0.095		
9/7/12 8:00	56.64	0.944	29.972	19.383	132.658	0.103		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:01	60	1	29.97	19.383	132.663	0.108		
9/7/12 8:01	63.6	1.06	29.967	19.381	132.67	0.115		
9/7/12 8:01	67.2	1.12	29.957	19.382	132.693	0.138		
9/7/12 8:01	71.4	1.19	29.96	19.379	132.686	0.131		
9/7/12 8:01	75.6	1.26	29.956	19.38	132.695	0.14		
9/7/12 8:01	79.8	1.33	29.953	19.379	132.701	0.146		
9/7/12 8:01	84.6	1.41	29.947	19.379	132.716	0.161		
9/7/12 8:01	90	1.5	29.941	19.378	132.729	0.174		
9/7/12 8:01	94.8	1.58	29.939	19.376	132.734	0.179		
9/7/12 8:01	100.8	1.68	29.934	19.377	132.747	0.192		
9/7/12 8:01	106.8	1.78	29.929	19.375	132.757	0.202		
9/7/12 8:01	112.8	1.88	29.926	19.375	132.766	0.211		
9/7/12 8:01	119.4	1.99	29.92	19.376	132.779	0.224		
9/7/12 8:02	126.6	2.11	29.913	19.374	132.794	0.239		
9/7/12 8:02	134.4	2.24	29.907	19.37	132.808	0.253		
9/7/12 8:02	142.2	2.37	29.899	19.373	132.827	0.272		
9/7/12 8:02	150.6	2.51	29.894	19.372	132.838	0.283		
9/7/12 8:02	159.6	2.66	29.885	19.368	132.859	0.304		
9/7/12 8:02	169.2	2.82	29.878	19.37	132.876	0.321		
9/7/12 8:02	178.8	2.98	29.87	19.37	132.893	0.338		
9/7/12 8:03	189.6	3.16	29.86	19.369	132.917	0.362		
9/7/12 8:03	201	3.35	29.85	19.37	132.941	0.386		
9/7/12 8:03	213	3.55	29.834	19.368	132.977	0.422		
9/7/12 8:03	225.6	3.76	29.831	19.366	132.984	0.429		
9/7/12 8:03	238.8	3.98	29.82	19.365	133.008	0.453		
9/7/12 8:04	253.2	4.22	29.805	19.369	133.044	0.489		
9/7/12 8:04	268.2	4.47	29.796	19.367	133.064	0.509		
9/7/12 8:04	283.8	4.73	29.793	19.365	133.071	0.516		
9/7/12 8:05	300.6	5.01	29.786	19.367	133.089	0.534		
9/7/12 8:05	318.6	5.31	29.777	19.369	133.109	0.554		
9/7/12 8:05	337.2	5.62	29.769	19.366	133.127	0.572		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:05	357.6	5.96	29.758	19.363	133.152	0.597		
9/7/12 8:06	378.6	6.31	29.749	19.364	133.174	0.619		
9/7/12 8:06	400.8	6.68	29.738	19.366	133.199	0.644		
9/7/12 8:07	424.8	7.08	29.725	19.363	133.229	0.674		
9/7/12 8:07	450	7.5	29.714	19.365	133.254	0.699		
9/7/12 8:07	476.4	7.94	29.702	19.364	133.281	0.726		
9/7/12 8:08	504.6	8.41	29.693	19.363	133.303	0.748		
9/7/12 8:08	534.6	8.91	29.678	19.363	133.337	0.782		
9/7/12 8:09	566.4	9.44	29.667	19.364	133.363	0.808		
9/7/12 8:10	600	10	29.653	19.362	133.395	0.84		
9/7/12 8:10	636	10.6	29.634	19.364	133.439	0.884		
9/7/12 8:11	672	11.2	29.627	19.365	133.454	0.899		
9/7/12 8:11	714	11.9	29.612	19.362	133.489	0.934		
9/7/12 8:12	756	12.6	29.599	19.362	133.521	0.966		
9/7/12 8:13	798	13.3	29.584	19.362	133.554	0.999		
9/7/12 8:14	846	14.1	29.57	19.361	133.587	1.032		
9/7/12 8:15	900	15	29.548	19.361	133.638	1.083		
9/7/12 8:15	948	15.8	29.54	19.359	133.655	1.1		
9/7/12 8:16	1008	16.8	29.524	19.36	133.693	1.138		
9/7/12 8:17	1068	17.8	29.509	19.36	133.728	1.173		
9/7/12 8:18	1128	18.8	29.495	19.362	133.761	1.206		
9/7/12 8:19	1194	19.9	29.48	19.359	133.795	1.24		
9/7/12 8:21	1266	21.1	29.465	19.359	133.829	1.274		
9/7/12 8:22	1344	22.4	29.449	19.357	133.865	1.31		
9/7/12 8:23	1422	23.7	29.434	19.357	133.9	1.345		
9/7/12 8:25	1506	25.1	29.411	19.357	133.955	1.4		
9/7/12 8:26	1596	26.6	29.402	19.356	133.975	1.42		
9/7/12 8:28	1692	28.2	29.386	19.354	134.012	1.457		
9/7/12 8:29	1788	29.8	29.371	19.353	134.047	1.492		
9/7/12 8:31	1896	31.6	29.35	19.349	134.094	1.539		
9/7/12 8:33	2010	33.5	29.34	19.347	134.117	1.562		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:35	2130	35.5	29.325	19.346	134.152	1.597		
9/7/12 8:37	2256	37.6	29.303	19.343	134.202	1.647		
9/7/12 8:39	2388	39.8	29.295	19.34	134.222	1.667		
9/7/12 8:42	2532	42.2	29.28	19.338	134.256	1.701		
9/7/12 8:44	2682	44.7	29.264	19.332	134.293	1.738		
9/7/12 8:47	2838	47.3	29.249	19.331	134.328	1.773		
9/7/12 8:50	3006	50.1	29.236	19.325	134.359	1.804		
9/7/12 8:53	3186	53.1	29.22	19.32	134.396	1.841		
9/7/12 8:56	3372	56.2	29.206	19.315	134.426	1.871		
9/7/12 8:59	3576	59.6	29.186	19.31	134.474	1.919		
9/7/12 9:03	3786	63.1	29.17	19.303	134.51	1.955		
9/7/12 9:06	4008	66.8	29.155	19.305	134.544	1.989		
9/7/12 9:10	4248	70.8	29.142	19.297	134.575	2.02		
9/7/12 9:15	4500	75	29.128	19.294	134.607	2.052		
9/7/12 9:19	4764	79.4	29.113	19.287	134.641	2.086		
9/7/12 9:24	5046	84.1	29.1	19.285	134.672	2.117		
9/7/12 9:29	5346	89.1	29.084	19.278	134.708	2.153		
9/7/12 9:34	5664	94.4	29.071	19.276	134.739	2.184		
9/7/12 9:40	6000	100	29.056	19.267	134.774	2.219		
9/7/12 9:46	6360	106	29.037	19.263	134.818	2.263		
9/7/12 9:52	6720	112	29.029	19.26	134.837	2.282		
9/7/12 9:59	7140	119	29.015	19.258	134.868	2.313		
9/7/12 10:06	7560	126	29	19.255	134.903	2.348		
9/7/12 10:13	7980	133	28.987	19.25	134.933	2.378		
9/7/12 10:21	8460	141	28.974	19.245	134.962	2.407		
9/7/12 10:30	9000	150	28.959	19.243	134.999	2.444		
9/7/12 10:38	9480	158	28.939	19.239	135.044	2.489		
9/7/12 10:48	10080	168	28.926	19.236	135.074	2.519		
9/7/12 10:58	10680	178	28.912	19.233	135.107	2.552		
9/7/12 11:08	11280	188	28.904	19.23	135.123	2.568		
9/7/12 11:19	11940	199	28.885	19.228	135.168	2.613		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 11:31	12660	211	28.877	19.225	135.187	2.632		
9/7/12 11:44	13440	224	28.863	19.225	135.219	2.664		
9/7/12 11:57	14220	237	28.848	19.221	135.253	2.698		
9/7/12 12:11	15060	251	28.835	19.219	135.284	2.729		
9/7/12 12:26	15960	266	28.814	19.217	135.332	2.777		
9/7/12 12:30							134.92	
9/7/12 12:41	16860	281	28.801	19.219	135.362	2.807		
9/7/12 12:56	17760	296	28.793	19.214	135.381	2.826		
9/7/12 13:11	18660	311	28.777	19.218	135.419	2.864		
9/7/12 13:26	19560	326	28.765	19.214	135.446	2.891		
9/7/12 13:41	20460	341	28.755	19.214	135.47	2.915		
9/7/12 13:56	21360	356	28.744	19.21	135.493	2.938		
9/7/12 14:11	22260	371	28.737	19.212	135.511	2.956		
9/7/12 14:26	23160	386	28.727	19.21	135.532	2.977		
9/7/12 14:41	24060	401	28.721	19.207	135.548	2.993		
9/7/12 14:56	24960	416	28.717	19.205	135.555	3		
9/7/12 15:11	25860	431	28.702	19.206	135.591	3.036		
9/7/12 15:26	26760	446	28.694	19.209	135.61	3.055		
9/7/12 15:41	27660	461	28.686	19.207	135.628	3.073		
9/7/12 15:56	28560	476	28.679	19.204	135.644	3.089		
9/7/12 16:11	29460	491	28.671	19.204	135.662	3.107		
9/7/12 16:26	30360	506	28.664	19.203	135.678	3.123		
9/7/12 16:35							135.26	
9/7/12 16:41	31260	521	28.655	19.211	135.7	3.145		
9/7/12 16:56	32160	536	28.646	19.205	135.72	3.165		
9/7/12 17:11	33060	551	28.64	19.201	135.734	3.179		
9/7/12 17:26	33960	566	28.634	19.204	135.748	3.193		
9/7/12 17:41	34860	581	28.627	19.2	135.765	3.21		
9/7/12 17:56	35760	596	28.618	19.2	135.786	3.231		
9/7/12 18:11	36660	611	28.621	19.2	135.777	3.222		
9/7/12 18:26	37560	626	28.608	19.199	135.807	3.252		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 18:41	38460	641	28.604	19.2	135.818	3.263		
9/7/12 18:56	39360	656	28.598	19.198	135.831	3.276		
9/7/12 19:11	40260	671	28.589	19.197	135.851	3.296		
9/7/12 19:26	41160	686	28.583	19.199	135.866	3.311		
9/7/12 19:41	42060	701	28.576	19.195	135.881	3.326		
9/7/12 19:56	42960	716	28.574	19.199	135.886	3.331		
9/7/12 20:11	43860	731	28.567	19.195	135.902	3.347		
9/7/12 20:26	44760	746	28.562	19.197	135.913	3.358		
9/7/12 20:41	45660	761	28.555	19.196	135.93	3.375		
9/7/12 20:56	46560	776	28.55	19.196	135.942	3.387		
9/7/12 21:11	47460	791	28.546	19.197	135.95	3.395		
9/7/12 21:26	48360	806	28.542	19.195	135.96	3.405		
9/7/12 21:41	49260	821	28.539	19.193	135.967	3.412		
9/7/12 21:56	50160	836	28.534	19.194	135.98	3.425		
9/7/12 22:11	51060	851	28.529	19.192	135.99	3.435		
9/7/12 22:26	51960	866	28.526	19.19	135.997	3.442		
9/7/12 22:41	52860	881	28.521	19.194	136.008	3.453		
9/7/12 22:56	53760	896	28.515	19.193	136.022	3.467		
9/7/12 23:11	54660	911	28.514	19.194	136.024	3.469		
9/7/12 23:26	55560	926	28.511	19.192	136.032	3.477		
9/7/12 23:41	56460	941	28.507	19.192	136.042	3.487		
9/7/12 23:56	57360	956	28.509	19.192	136.036	3.481		
9/8/12 0:11	58260	971	28.499	19.189	136.059	3.504		
9/8/12 0:26	59160	986	28.497	19.193	136.063	3.508		
9/8/12 0:41	60060	1001	28.493	19.191	136.074	3.519		
9/8/12 0:56	60960	1016	28.488	19.192	136.084	3.529		
9/8/12 1:11	61860	1031	28.485	19.188	136.092	3.537		
9/8/12 1:26	62760	1046	28.482	19.192	136.099	3.544		
9/8/12 1:41	63660	1061	28.477	19.189	136.11	3.555		
9/8/12 1:56	64560	1076	28.47	19.187	136.126	3.571		
9/8/12 2:11	65460	1091	28.473	19.192	136.119	3.564		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 2:26	66360	1106	28.469	19.189	136.129	3.574		
9/8/12 2:41	67260	1121	28.466	19.19	136.136	3.581		
9/8/12 2:56	68160	1136	28.461	19.188	136.148	3.593		
9/8/12 3:11	69060	1151	28.458	19.187	136.155	3.6		
9/8/12 3:26	69960	1166	28.455	19.189	136.161	3.606		
9/8/12 3:41	70860	1181	28.452	19.187	136.168	3.613		
9/8/12 3:56	71760	1196	28.449	19.188	136.175	3.62		
9/8/12 4:11	72660	1211	28.447	19.187	136.18	3.625		
9/8/12 4:26	73560	1226	28.442	19.189	136.191	3.636		
9/8/12 4:41	74460	1241	28.445	19.187	136.184	3.629		
9/8/12 4:56	75360	1256	28.435	19.192	136.207	3.652		
9/8/12 5:11	76260	1271	28.434	19.186	136.21	3.655		
9/8/12 5:26	77160	1286	28.43	19.186	136.218	3.663		
9/8/12 5:41	78060	1301	28.421	19.188	136.238	3.683		
9/8/12 5:56	78960	1316	28.425	19.187	136.23	3.675		
9/8/12 6:11	79860	1331	28.422	19.185	136.237	3.682		
9/8/12 6:26	80760	1346	28.419	19.185	136.245	3.69		
9/8/12 6:41	81660	1361	28.416	19.184	136.252	3.697		
9/8/12 6:56	82560	1376	28.414	19.184	136.257	3.702		
9/8/12 7:11	83460	1391	28.41	19.185	136.265	3.71		
9/8/12 7:26	84360	1406	28.41	19.185	136.266	3.711		
9/8/12 7:41	85260	1421	28.406	19.185	136.273	3.718		
9/8/12 7:56	86160	1436	28.403	19.187	136.28	3.725		
9/8/12 8:11	87060	1451	28.402	19.185	136.284	3.729		
9/8/12 8:26	87960	1466	28.399	19.184	136.29	3.735		
9/8/12 8:41	88860	1481	28.396	19.184	136.296	3.741		
9/8/12 8:56	89760	1496	28.397	19.183	136.296	3.741		
9/8/12 9:11	90660	1511	28.395	19.183	136.3	3.745		
9/8/12 9:26	91560	1526	28.392	19.184	136.306	3.751		
9/8/12 9:41	92460	1541	28.387	19.183	136.319	3.764		
9/8/12 9:56	93360	1556	28.39	19.183	136.311	3.756		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 10:11	94260	1571	28.387	19.184	136.319	3.764		
9/8/12 10:26	95160	1586	28.385	19.181	136.322	3.767		
9/8/12 10:41	96060	1601	28.385	19.183	136.323	3.768		
9/8/12 10:56	96960	1616	28.383	19.179	136.328	3.773		
9/8/12 11:05							135.93	
9/8/12 11:11	97860	1631	28.376	19.187	136.344	3.789		
9/8/12 11:26	98760	1646	28.381	19.184	136.333	3.778		
9/8/12 11:41	99660	1661	28.384	19.184	136.326	3.771		
9/8/12 11:56	100560	1676	28.375	19.182	136.345	3.79		
9/8/12 12:11	101460	1691	28.375	19.18	136.347	3.792		
9/8/12 12:26	102360	1706	28.374	19.184	136.348	3.793		
9/8/12 12:41	103260	1721	28.365	19.184	136.37	3.815		
9/8/12 12:56	104160	1736	28.372	19.18	136.354	3.799		
9/8/12 13:11	105060	1751	28.369	19.183	136.36	3.805		
9/8/12 13:26	105960	1766	28.369	19.181	136.36	3.805		
9/8/12 13:41	106860	1781	28.368	19.183	136.363	3.808		
9/8/12 13:56	107760	1796	28.367	19.181	136.364	3.809		
9/8/12 14:11	108660	1811	28.367	19.18	136.364	3.809		
9/8/12 14:26	109560	1826	28.366	19.182	136.366	3.811		
9/8/12 14:41	110460	1841	28.358	19.181	136.385	3.83		
9/8/12 14:56	111360	1856	28.364	19.177	136.372	3.817		
9/8/12 15:11	112260	1871	28.358	19.181	136.384	3.829		
9/8/12 15:26	113160	1886	28.357	19.179	136.386	3.831		
9/8/12 15:41	114060	1901	28.358	19.178	136.385	3.83		
9/8/12 15:56	114960	1916	28.351	19.179	136.402	3.847		
9/8/12 16:11	115860	1931	28.354	19.178	136.395	3.84		
9/8/12 16:26	116760	1946	28.347	19.18	136.41	3.855		
9/8/12 16:41	117660	1961	28.343	19.179	136.421	3.866		
9/8/12 16:56	118560	1976	28.345	19.182	136.415	3.86		
9/8/12 17:11	119460	1991	28.346	19.179	136.413	3.858		
9/8/12 17:26	120360	2006	28.344	19.18	136.418	3.863		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 17:41	121260	2021	28.342	19.181	136.421	3.866		
9/8/12 17:56	122160	2036	28.339	19.18	136.428	3.873		
9/8/12 18:11	123060	2051	28.339	19.18	136.43	3.875		
9/8/12 18:26	123960	2066	28.339	19.179	136.43	3.875		
9/8/12 18:41	124860	2081	28.336	19.178	136.436	3.881		
9/8/12 18:56	125760	2096	28.334	19.179	136.44	3.885		
9/8/12 19:11	126660	2111	28.333	19.18	136.442	3.887		
9/8/12 19:26	127560	2126	28.332	19.178	136.446	3.891		
9/8/12 19:41	128460	2141	28.325	19.179	136.462	3.907		
9/8/12 19:56	129360	2156	28.327	19.178	136.456	3.901		
9/8/12 20:11	130260	2171	28.32	19.177	136.473	3.918		
9/8/12 20:26	131160	2186	28.318	19.179	136.478	3.923		
9/8/12 20:41	132060	2201	28.317	19.177	136.479	3.924		
9/8/12 20:56	132960	2216	28.315	19.177	136.485	3.93		
9/8/12 21:11	133860	2231	28.318	19.179	136.478	3.923		
9/8/12 21:26	134760	2246	28.317	19.176	136.479	3.924		
9/8/12 21:41	135660	2261	28.317	19.175	136.48	3.925		
9/8/12 21:56	136560	2276	28.316	19.178	136.482	3.927		
9/8/12 22:11	137460	2291	28.315	19.177	136.483	3.928		
9/8/12 22:26	138360	2306	28.313	19.173	136.488	3.933		
9/8/12 22:41	139260	2321	28.306	19.176	136.505	3.95		
9/8/12 22:56	140160	2336	28.311	19.173	136.493	3.938		
9/8/12 23:11	141060	2351	28.311	19.177	136.494	3.939		
9/8/12 23:26	141960	2366	28.312	19.175	136.492	3.937		
9/8/12 23:41	142860	2381	28.31	19.177	136.495	3.94		
9/8/12 23:56	143760	2396	28.308	19.176	136.5	3.945		
9/9/12 0:11	144660	2411	28.308	19.173	136.5	3.945		
9/9/12 0:26	145560	2426	28.308	19.176	136.501	3.946		
9/9/12 0:41	146460	2441	28.3	19.175	136.52	3.965		
9/9/12 0:56	147360	2456	28.306	19.176	136.505	3.95		
9/9/12 1:11	148260	2471	28.304	19.175	136.509	3.954		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 1:26	149160	2486	28.304	19.176	136.511	3.956		
9/9/12 1:41	150060	2501	28.303	19.177	136.512	3.957		
9/9/12 1:56	150960	2516	28.301	19.173	136.516	3.961		
9/9/12 2:11	151860	2531	28.294	19.175	136.532	3.977		
9/9/12 2:26	152760	2546	28.299	19.172	136.521	3.966		
9/9/12 2:41	153660	2561	28.298	19.177	136.525	3.97		
9/9/12 2:56	154560	2576	28.298	19.175	136.523	3.968		
9/9/12 3:11	155460	2591	28.295	19.175	136.53	3.975		
9/9/12 3:26	156360	2606	28.289	19.174	136.546	3.991		
9/9/12 3:41	157260	2621	28.293	19.173	136.534	3.979		
9/9/12 3:56	158160	2636	28.293	19.171	136.535	3.98		
9/9/12 4:11	159060	2651	28.285	19.176	136.554	3.999		
9/9/12 4:26	159960	2666	28.284	19.173	136.555	4		
9/9/12 4:41	160860	2681	28.284	19.174	136.555	4		
9/9/12 4:56	161760	2696	28.281	19.173	136.563	4.008		
9/9/12 5:11	162660	2711	28.287	19.173	136.55	3.995		
9/9/12 5:26	163560	2726	28.286	19.172	136.551	3.996		
9/9/12 5:41	164460	2741	28.285	19.175	136.554	3.999		
9/9/12 5:56	165360	2756	28.279	19.175	136.568	4.013		
9/9/12 6:11	166260	2771	28.284	19.174	136.557	4.002		
9/9/12 6:26	167160	2786	28.282	19.175	136.562	4.007		
9/9/12 6:41	168060	2801	28.274	19.172	136.58	4.025		
9/9/12 6:56	168960	2816	28.279	19.177	136.567	4.012		
9/9/12 7:11	169860	2831	28.277	19.169	136.573	4.018		
9/9/12 7:26	170760	2846	28.274	19.173	136.578	4.023		
9/9/12 7:41	171660	2861	28.268	19.175	136.594	4.039		
9/9/12 7:56	172560	2876	28.272	19.173	136.583	4.028		
9/9/12 8:11	173460	2891	28.267	19.174	136.596	4.041		
9/9/12 8:26	174360	2906	28.268	19.172	136.594	4.039		
9/9/12 8:41	175260	2921	28.271	19.174	136.587	4.032		
9/9/12 8:56	176160	2936	28.265	19.171	136.599	4.044		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 9:11	177060	2951	28.272	19.172	136.583	4.028		
9/9/12 9:26	177960	2966	28.27	19.173	136.588	4.033		
9/9/12 9:41	178860	2981	28.27	19.17	136.588	4.033		
9/9/12 9:56	179760	2996	28.271	19.172	136.587	4.032		
9/9/12 10:11	180660	3011	28.27	19.171	136.588	4.033		
9/9/12 10:26	181560	3026	28.268	19.172	136.592	4.037		
9/9/12 10:41	182460	3041	28.263	19.17	136.604	4.049		
9/9/12 10:56	183360	3056	28.269	19.171	136.59	4.035		
9/9/12 11:11	184260	3071	28.269	19.17	136.59	4.035		
9/9/12 11:26	185160	3086	28.269	19.173	136.592	4.037		
9/9/12 11:41	186060	3101	28.262	19.173	136.606	4.051		
9/9/12 11:56	186960	3116	28.268	19.17	136.594	4.039		
9/9/12 12:11	187860	3131	28.263	19.171	136.604	4.049		
9/9/12 12:26	188760	3146	28.269	19.171	136.591	4.036		
9/9/12 12:41	189660	3161	28.268	19.173	136.593	4.038		
9/9/12 12:56	190560	3176	28.263	19.17	136.605	4.05		
9/9/12 13:11	191460	3191	28.268	19.17	136.592	4.037		
9/9/12 13:26	192360	3206	28.27	19.171	136.589	4.034		
9/9/12 13:41	193260	3221	28.262	19.17	136.606	4.051		
9/9/12 13:56	194160	3236	28.268	19.171	136.592	4.037		
9/9/12 14:11	195060	3251	28.268	19.17	136.594	4.039		
9/9/12 14:26	195960	3266	28.266	19.172	136.597	4.042		
9/9/12 14:41	196860	3281	28.265	19.171	136.599	4.044		
9/9/12 14:56	197760	3296	28.265	19.17	136.601	4.046		
9/9/12 15:11	198660	3311	28.264	19.173	136.602	4.047		
9/9/12 15:26	199560	3326	28.258	19.17	136.615	4.06		
9/9/12 15:41	200460	3341	28.263	19.17	136.604	4.049		
9/9/12 15:56	201360	3356	28.262	19.17	136.606	4.051		
9/9/12 16:11	202260	3371	28.263	19.175	136.605	4.05		
9/9/12 16:26	203160	3386	28.257	19.171	136.617	4.062		
9/9/12 16:41	204060	3401	28.259	19.171	136.615	4.06		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 16:56	204960	3416	28.258	19.173	136.616	4.061		
9/9/12 17:11	205860	3431	28.264	19.169	136.602	4.047		
9/9/12 17:26	206760	3446	28.262	19.17	136.606	4.051		
9/9/12 17:41	207660	3461	28.264	19.167	136.603	4.048		
9/9/12 17:56	208560	3476	28.262	19.171	136.606	4.051		
9/9/12 18:11	209460	3491	28.26	19.17	136.611	4.056		
9/9/12 18:26	210360	3506	28.261	19.17	136.608	4.053		
9/9/12 18:41	211260	3521	28.261	19.17	136.61	4.055		
9/9/12 18:56	212160	3536	28.258	19.17	136.616	4.061		
9/9/12 19:11	213060	3551	28.259	19.171	136.614	4.059		
9/9/12 19:26	213960	3566	28.255	19.167	136.622	4.067		
9/9/12 19:41	214860	3581	28.249	19.169	136.637	4.082		
9/9/12 19:56	215760	3596	28.252	19.171	136.629	4.074		
9/9/12 20:11	216660	3611	28.253	19.168	136.628	4.073		
9/9/12 20:26	217560	3626	28.247	19.172	136.642	4.087		
9/9/12 20:41	218460	3641	28.244	19.169	136.647	4.092		
9/9/12 20:56	219360	3656	28.244	19.168	136.649	4.094		
9/9/12 21:11	220260	3671	28.249	19.169	136.636	4.081		
9/9/12 21:26	221160	3686	28.244	19.172	136.648	4.093		
9/9/12 21:41	222060	3701	28.244	19.171	136.649	4.094		
9/9/12 21:56	222960	3716	28.25	19.169	136.634	4.079		
9/9/12 22:11	223860	3731	28.244	19.167	136.649	4.094		
9/9/12 22:26	224760	3746	28.251	19.171	136.633	4.078		
9/9/12 22:41	225660	3761	28.251	19.17	136.633	4.078		
9/9/12 22:56	226560	3776	28.251	19.169	136.632	4.077		
9/9/12 23:11	227460	3791	28.25	19.172	136.635	4.08		
9/9/12 23:26	228360	3806	28.249	19.167	136.636	4.081		
9/9/12 23:41	229260	3821	28.248	19.171	136.639	4.084		
9/9/12 23:56	230160	3836	28.247	19.168	136.641	4.086		
9/10/12 0:11	231060	3851	28.242	19.168	136.654	4.099		
9/10/12 0:26	231960	3866	28.248	19.169	136.638	4.083		

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MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 0:41	232860	3881	28.242	19.17	136.653	4.098		
9/10/12 0:56	233760	3896	28.24	19.17	136.657	4.102		
9/10/12 1:11	234660	3911	28.246	19.169	136.644	4.089		
9/10/12 1:26	235560	3926	28.245	19.17	136.647	4.092		
9/10/12 1:41	236460	3941	28.243	19.167	136.65	4.095		
9/10/12 1:56	237360	3956	28.245	19.167	136.645	4.09		
9/10/12 2:11	238260	3971	28.246	19.168	136.643	4.088		
9/10/12 2:26	239160	3986	28.246	19.168	136.643	4.088		
9/10/12 2:41	240060	4001	28.241	19.166	136.655	4.1		
9/10/12 2:56	240960	4016	28.245	19.168	136.645	4.09		
9/10/12 3:11	241860	4031	28.246	19.168	136.644	4.089		
9/10/12 3:26	242760	4046	28.241	19.168	136.656	4.101		
9/10/12 3:41	243660	4061	28.245	19.17	136.645	4.09		
9/10/12 3:56	244560	4076	28.245	19.17	136.647	4.092		
9/10/12 4:11	245460	4091	28.244	19.168	136.649	4.094		
9/10/12 4:26	246360	4106	28.237	19.167	136.666	4.111		
9/10/12 4:41	247260	4121	28.237	19.169	136.665	4.11		
9/10/12 4:56	248160	4136	28.237	19.169	136.663	4.108		
9/10/12 5:11	249060	4151	28.243	19.166	136.651	4.096		
9/10/12 5:26	249960	4166	28.242	19.167	136.653	4.098		
9/10/12 5:41	250860	4181	28.241	19.167	136.656	4.101		
9/10/12 5:56	251760	4196	28.24	19.167	136.659	4.104		
9/10/12 6:11	252660	4211	28.237	19.169	136.665	4.11		
9/10/12 6:26	253560	4226	28.236	19.17	136.666	4.111		
9/10/12 6:41	254460	4241	28.23	19.167	136.68	4.125		
9/10/12 6:56	255360	4256	28.234	19.167	136.672	4.117		
9/10/12 7:11	256260	4271	28.229	19.168	136.684	4.129		
9/10/12 7:26	257160	4286	28.234	19.168	136.672	4.117		
9/10/12 7:41	258060	4301	28.233	19.168	136.673	4.118		
9/10/12 7:56	258960	4316	28.228	19.168	136.685	4.13		
9/10/12 8:11	259860	4331	28.234	19.168	136.672	4.117		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 8:26	260760	4346	28.22	19.169	136.704	4.149		
9/10/12 8:41	261660	4361	28.211	19.17	136.725	4.17		
9/10/12 8:56	262560	4376	28.21	19.17	136.726	4.171		
9/10/12 9:11	263460	4391	28.211	19.17	136.724	4.169		
9/10/12 9:26	264360	4406	28.211	19.169	136.724	4.169		
9/10/12 9:41	265260	4421	28.217	19.169	136.71	4.155		
9/10/12 9:56	266160	4436	28.213	19.167	136.72	4.165		
9/10/12 10:11	267060	4451	28.218	19.166	136.708	4.153		
9/10/12 10:26	267960	4466	28.218	19.169	136.708	4.153		
9/10/12 10:41	268860	4481	28.214	19.168	136.719	4.164		
9/10/12 10:56	269760	4496	28.219	19.169	136.705	4.15		
9/10/12 11:11	270660	4511	28.22	19.168	136.704	4.149		
9/10/12 11:26	271560	4526	28.221	19.168	136.702	4.147		
9/10/12 11:41	272460	4541	28.217	19.169	136.711	4.156		
9/10/12 11:56	273360	4556	28.211	19.169	136.724	4.169		
9/10/12 12:11	274260	4571	28.213	19.17	136.72	4.165		
9/10/12 12:26	275160	4586	28.22	19.168	136.703	4.148		
9/10/12 12:41	276060	4601	28.22	19.168	136.703	4.148		
9/10/12 12:56	276960	4616	28.216	19.169	136.714	4.159		
9/10/12 13:11	277860	4631	28.221	19.169	136.702	4.147		
9/10/12 13:26	278760	4646	28.222	19.169	136.7	4.145		
9/10/12 13:41	279660	4661	28.224	19.168	136.695	4.14		
9/10/12 13:56	280560	4676	28.216	19.165	136.714	4.159		
9/10/12 14:05							136.28	
9/10/12 14:11	281460	4691	28.223	19.168	136.697	4.142		
9/10/12 14:26	282360	4706	28.223	19.168	136.696	4.141		
9/10/12 14:41	283260	4721	28.216	19.166	136.713	4.158		
9/10/12 14:56	284160	4736	28.222	19.166	136.698	4.143		
9/10/12 15:11	285060	4751	28.221	19.17	136.701	4.146		
9/10/12 15:26	285960	4766	28.219	19.166	136.705	4.15		
9/10/12 15:41	286860	4781	28.224	19.167	136.695	4.14		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 15:56	287760	4796	28.215	19.167	136.715	4.16		
9/10/12 16:11	288660	4811	28.222	19.166	136.7	4.145		
9/10/12 16:26	289560	4826	28.221	19.17	136.7	4.145		
9/10/12 16:41	290460	4841	28.22	19.165	136.705	4.15		
9/10/12 16:56	291360	4856	28.219	19.165	136.705	4.15		
9/10/12 17:11	292260	4871	28.218	19.167	136.708	4.153		
9/10/12 17:26	293160	4886	28.218	19.165	136.709	4.154		
9/10/12 17:41	294060	4901	28.212	19.165	136.721	4.166		
9/10/12 17:56	294960	4916	28.209	19.166	136.728	4.173		
9/10/12 18:11	295860	4931	28.208	19.169	136.731	4.176		
9/10/12 18:26	296760	4946	28.215	19.164	136.715	4.16		
9/10/12 18:41	297660	4961	28.206	19.164	136.735	4.18		
9/10/12 18:56	298560	4976	28.212	19.163	136.723	4.168		
9/10/12 19:11	299460	4991	28.205	19.162	136.738	4.183		
9/10/12 19:26	300360	5006	28.207	19.163	136.733	4.178		
9/10/12 19:41	301260	5021	28.204	19.166	136.742	4.187		
9/10/12 19:56	302160	5036	28.204	19.164	136.741	4.186		
9/10/12 20:11	303060	5051	28.201	19.162	136.747	4.192		
9/10/12 20:26	303960	5066	28.207	19.166	136.733	4.178		
9/10/12 20:41	304860	5081	28.206	19.165	136.736	4.181		
9/10/12 20:56	305760	5096	28.201	19.166	136.748	4.193		
9/10/12 21:11	306660	5111	28.205	19.164	136.739	4.184		
9/10/12 21:26	307560	5126	28.201	19.166	136.748	4.193		
9/10/12 21:41	308460	5141	28.2	19.163	136.751	4.196		
9/10/12 21:56	309360	5156	28.199	19.167	136.752	4.197		
9/10/12 22:11	310260	5171	28.206	19.162	136.736	4.181		
9/10/12 22:26	311160	5186	28.204	19.163	136.741	4.186		
9/10/12 22:41	312060	5201	28.205	19.163	136.739	4.184		
9/10/12 22:56	312960	5216	28.206	19.166	136.736	4.181		
9/10/12 23:11	313860	5231	28.2	19.166	136.75	4.195		
9/10/12 23:26	314760	5246	28.199	19.163	136.753	4.198		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 23:41	315660	5261	28.2	19.165	136.75	4.195		
9/10/12 23:56	316560	5276	28.207	19.163	136.733	4.178		
9/11/12 0:11	317460	5291	28.198	19.162	136.755	4.2		
9/11/12 0:26	318360	5306	28.2	19.164	136.75	4.195		
9/11/12 0:41	319260	5321	28.199	19.163	136.752	4.197		
9/11/12 0:56	320160	5336	28.206	19.162	136.736	4.181		
9/11/12 1:11	321060	5351	28.199	19.162	136.752	4.197		
9/11/12 1:26	321960	5366	28.206	19.163	136.737	4.182		
9/11/12 1:41	322860	5381	28.199	19.161	136.751	4.196		
9/11/12 1:56	323760	5396	28.2	19.163	136.751	4.196		
9/11/12 2:11	324660	5411	28.2	19.164	136.751	4.196		
9/11/12 2:26	325560	5426	28.2	19.166	136.75	4.195		
9/11/12 2:41	326460	5441	28.199	19.161	136.751	4.196		
9/11/12 2:56	327360	5456	28.198	19.164	136.753	4.198		
9/11/12 3:11	328260	5471	28.201	19.166	136.747	4.192		
9/11/12 3:26	329160	5486	28.198	19.166	136.754	4.199		
9/11/12 3:41	330060	5501	28.205	19.163	136.739	4.184		
9/11/12 3:56	330960	5516	28.202	19.164	136.746	4.191		
9/11/12 4:11	331860	5531	28.208	19.161	136.732	4.177		
9/11/12 4:26	332760	5546	28.201	19.162	136.747	4.192		
9/11/12 4:41	333660	5561	28.2	19.165	136.75	4.195		
9/11/12 4:56	334560	5576	28.205	19.166	136.739	4.184		
9/11/12 5:11	335460	5591	28.204	19.164	136.741	4.186		
9/11/12 5:26	336360	5606	28.199	19.163	136.752	4.197		
9/11/12 5:41	337260	5621	28.204	19.161	136.74	4.185		
9/11/12 5:56	338160	5636	28.197	19.162	136.757	4.202		
9/11/12 6:11	339060	5651	28.195	19.163	136.762	4.207		
9/11/12 6:26	339960	5666	28.2	19.163	136.75	4.195		
9/11/12 6:41	340860	5681	28.197	19.163	136.756	4.201		
9/11/12 6:56	341760	5696	28.198	19.162	136.755	4.2		
9/11/12 7:11	342660	5711	28.194	19.166	136.763	4.208		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 7:26	343560	5726	28.189	19.165	136.774	4.219		
9/11/12 7:41	344460	5741	28.196	19.16	136.759	4.204		
9/11/12 7:56	345360	5756	28.19	19.161	136.773	4.218		
9/11/12 8:11	346260	5771	28.19	19.166	136.773	4.218		
9/11/12 8:26	347160	5786	28.195	19.161	136.762	4.207		
9/11/12 8:41	348060	5801	28.188	19.162	136.777	4.222		
9/11/12 8:56	348960	5816	28.188	19.16	136.778	4.223		
9/11/12 9:11	349860	5831	28.188	19.163	136.778	4.223		
9/11/12 9:26	350760	5846	28.188	19.161	136.779	4.224		
9/11/12 9:41	351660	5861	28.194	19.164	136.764	4.209		
9/11/12 9:56	352560	5876	28.188	19.163	136.779	4.224		
9/11/12 10:11	353460	5891	28.194	19.162	136.764	4.209		
9/11/12 10:26	354360	5906	28.196	19.16	136.759	4.204		
9/11/12 10:41	355260	5921	28.195	19.159	136.761	4.206		
9/11/12 10:56	356160	5936	28.191	19.163	136.772	4.217		
9/11/12 11:11	357060	5951	28.191	19.165	136.771	4.216		
9/11/12 11:26	357960	5966	28.188	19.163	136.777	4.222		
9/11/12 11:41	358860	5981	28.192	19.164	136.769	4.214		
9/11/12 11:56	359760	5996	28.189	19.163	136.774	4.219		
9/11/12 12:11	360660	6011	28.192	19.164	136.769	4.214		
9/11/12 12:26	361560	6026	28.191	19.159	136.77	4.215		
9/11/12 12:41	362460	6041	28.191	19.16	136.771	4.216		
9/11/12 12:56	363360	6056	28.198	19.162	136.754	4.199		
9/11/12 13:11	364260	6071	28.202	19.165	136.746	4.191		
9/11/12 13:26	365160	6086	28.202	19.162	136.746	4.191		
9/11/12 13:41	366060	6101	28.201	19.163	136.747	4.192		
9/11/12 13:55							136.36	
9/11/12 13:56	366960	6116	28.197	19.161	136.756	4.201		
9/11/12 14:11	367860	6131	28.202	19.164	136.745	4.19		
9/11/12 14:26	368760	6146	28.196	19.161	136.76	4.205		
9/11/12 14:41	369660	6161	28.199	19.163	136.752	4.197		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 14:56	370560	6176	28.202	19.16	136.746	4.191		
9/11/12 15:11	371460	6191	28.195	19.161	136.761	4.206		
9/11/12 15:26	372360	6206	28.193	19.162	136.766	4.211		
9/11/12 15:41	373260	6221	28.192	19.161	136.769	4.214		
9/11/12 15:56	374160	6236	28.192	19.16	136.769	4.214		
9/11/12 16:11	375060	6251	28.195	19.164	136.76	4.205		
9/11/12 16:26	375960	6266	28.188	19.163	136.777	4.222		
9/11/12 16:41	376860	6281	28.195	19.16	136.76	4.205		
9/11/12 16:56	377760	6296	28.195	19.162	136.762	4.207		
9/11/12 17:11	378660	6311	28.192	19.163	136.768	4.213		
9/11/12 17:26	379560	6326	28.188	19.161	136.777	4.222		
9/11/12 17:41	380460	6341	28.192	19.16	136.768	4.213		
9/11/12 17:56	381360	6356	28.193	19.162	136.766	4.211		
9/11/12 18:11	382260	6371	28.184	19.161	136.786	4.231		
9/11/12 18:26	383160	6386	28.185	19.162	136.783	4.228		
9/11/12 18:41	384060	6401	28.19	19.16	136.773	4.218		
9/11/12 18:56	384960	6416	28.185	19.161	136.784	4.229		
9/11/12 19:11	385860	6431	28.189	19.161	136.776	4.221		
9/11/12 19:26	386760	6446	28.183	19.163	136.788	4.233		
9/11/12 19:41	387660	6461	28.183	19.161	136.789	4.234		
9/11/12 19:56	388560	6476	28.181	19.16	136.795	4.24		
9/11/12 20:11	389460	6491	28.186	19.163	136.781	4.226		
9/11/12 20:26	390360	6506	28.181	19.162	136.795	4.24		
9/11/12 20:41	391260	6521	28.18	19.158	136.796	4.241		
9/11/12 20:56	392160	6536	28.183	19.159	136.789	4.234		
9/11/12 21:11	393060	6551	28.177	19.158	136.802	4.247		
9/11/12 21:26	393960	6566	28.178	19.158	136.802	4.247		
9/11/12 21:41	394860	6581	28.183	19.161	136.79	4.235		
9/11/12 21:56	395760	6596	28.178	19.16	136.801	4.246		
9/11/12 22:11	396660	6611	28.18	19.161	136.796	4.241		
9/11/12 22:26	397560	6626	28.18	19.157	136.795	4.24		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 22:41	398460	6641	28.184	19.158	136.788	4.233		
9/11/12 22:56	399360	6656	28.182	19.161	136.792	4.237		
9/11/12 23:11	400260	6671	28.179	19.162	136.799	4.244		
9/11/12 23:26	401160	6686	28.179	19.16	136.799	4.244		
9/11/12 23:41	402060	6701	28.178	19.158	136.801	4.246		
9/11/12 23:56	402960	6716	28.181	19.159	136.793	4.238		
9/12/12 0:11	403860	6731	28.182	19.161	136.792	4.237		
9/12/12 0:26	404760	6746	28.176	19.16	136.804	4.249		
9/12/12 0:41	405660	6761	28.177	19.159	136.802	4.247		
9/12/12 0:56	406560	6776	28.183	19.159	136.789	4.234		
9/12/12 1:11	407460	6791	28.175	19.159	136.807	4.252		
9/12/12 1:26	408360	6806	28.185	19.161	136.785	4.23		
9/12/12 1:41	409260	6821	28.183	19.159	136.79	4.235		
9/12/12 1:56	410160	6836	28.177	19.161	136.802	4.247		
9/12/12 2:11	411060	6851	28.182	19.159	136.792	4.237		
9/12/12 2:26	411960	6866	28.177	19.157	136.804	4.249		
9/12/12 2:41	412860	6881	28.175	19.158	136.807	4.252		
9/12/12 2:56	413760	6896	28.175	19.16	136.808	4.253		
9/12/12 3:11	414660	6911	28.176	19.16	136.806	4.251		
9/12/12 3:26	415560	6926	28.175	19.16	136.807	4.252		
9/12/12 3:41	416460	6941	28.181	19.16	136.793	4.238		
9/12/12 3:56	417360	6956	28.175	19.16	136.807	4.252		
9/12/12 4:11	418260	6971	28.178	19.16	136.802	4.247		
9/12/12 4:26	419160	6986	28.175	19.161	136.807	4.252		
9/12/12 4:41	420060	7001	28.181	19.16	136.794	4.239		
9/12/12 4:56	420960	7016	28.179	19.158	136.798	4.243		
9/12/12 5:11	421860	7031	28.178	19.158	136.801	4.246		
9/12/12 5:26	422760	7046	28.172	19.159	136.814	4.259		
9/12/12 5:41	423660	7061	28.172	19.161	136.814	4.259		
9/12/12 5:56	424560	7076	28.172	19.161	136.816	4.261		
9/12/12 6:11	425460	7091	28.169	19.158	136.821	4.266		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 6:26	426360	7106	28.169	19.161	136.823	4.268		
9/12/12 6:41	427260	7121	28.174	19.16	136.81	4.255		
9/12/12 6:56	428160	7136	28.166	19.16	136.83	4.275		
9/12/12 7:11	429060	7151	28.168	19.159	136.824	4.269		
9/12/12 7:26	429960	7166	28.164	19.16	136.832	4.277		
9/12/12 7:41	430860	7181	28.167	19.161	136.826	4.271		
9/12/12 7:56	431760	7196	28.17	19.158	136.818	4.263		
9/12/12 8:11	432660	7211	28.164	19.158	136.832	4.277		
9/12/12 8:26	433560	7226	28.164	19.159	136.832	4.277		
9/12/12 8:41	434460	7241	28.164	19.159	136.834	4.279		
9/12/12 8:56	435360	7256	28.17	19.158	136.819	4.264		
9/12/12 9:11	436260	7271	28.163	19.161	136.836	4.281		
9/12/12 9:26	437160	7286	28.168	19.158	136.824	4.269		
9/12/12 9:41	438060	7301	28.163	19.158	136.836	4.281		
9/12/12 9:56	438960	7316	28.168	19.158	136.823	4.268		
9/12/12 10:11	439860	7331	28.167	19.159	136.825	4.27		
9/12/12 10:26	440760	7346	28.167	19.158	136.826	4.271		
9/12/12 10:41	441660	7361	28.162	19.157	136.837	4.282		
9/12/12 10:56	442560	7376	28.162	19.158	136.838	4.283		
9/12/12 11:11	443460	7391	28.163	19.159	136.836	4.281		
9/12/12 11:26	444360	7406	28.163	19.156	136.836	4.281		
9/12/12 11:41	445260	7421	28.164	19.159	136.833	4.278		
9/12/12 11:56	446160	7436	28.169	19.158	136.822	4.267		
9/12/12 12:11	447060	7451	28.163	19.158	136.835	4.28		
9/12/12 12:26	447960	7466	28.172	19.158	136.815	4.26		
9/12/12 12:41	448860	7481	28.172	19.16	136.815	4.26		
9/12/12 12:56	449760	7496	28.166	19.157	136.829	4.274		
9/12/12 13:11	450660	7511	28.171	19.157	136.818	4.263		
9/12/12 13:26	451560	7526	28.167	19.156	136.826	4.271		
9/12/12 13:41	452460	7541	28.168	19.161	136.823	4.268		
9/12/12 13:56	453360	7556	28.174	19.159	136.809	4.254		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 14:11	454260	7571	28.169	19.161	136.821	4.266		
9/12/12 14:26	455160	7586	28.174	19.159	136.81	4.255		
9/12/12 14:41	456060	7601	28.17	19.158	136.82	4.265		
9/12/12 14:56	456960	7616	28.169	19.155	136.822	4.267		
9/12/12 15:11	457860	7631	28.169	19.154	136.822	4.267		
9/12/12 15:26	458760	7646	28.169	19.16	136.821	4.266		
9/12/12 15:41	459660	7661	28.176	19.158	136.806	4.251		
9/12/12 15:56	460560	7676	28.168	19.158	136.824	4.269		
9/12/12 16:11	461460	7691	28.173	19.159	136.813	4.258		
9/12/12 16:26	462360	7706	28.174	19.157	136.81	4.255		
9/12/12 16:41	463260	7721	28.168	19.157	136.825	4.27		
9/12/12 16:56	464160	7736	28.167	19.16	136.827	4.272		
9/12/12 17:11	465060	7751	28.173	19.158	136.812	4.257		
9/12/12 17:26	465960	7766	28.166	19.158	136.829	4.274		
9/12/12 17:41	466860	7781	28.165	19.159	136.832	4.277		
9/12/12 17:56	467760	7796	28.164	19.159	136.834	4.279		
9/12/12 18:11	468660	7811	28.163	19.159	136.836	4.281		
9/12/12 18:26	469560	7826	28.163	19.157	136.835	4.28		
9/12/12 18:41	470460	7841	28.168	19.159	136.825	4.27		
9/12/12 18:56	471360	7856	28.168	19.157	136.824	4.269		
9/12/12 19:11	472260	7871	28.161	19.157	136.841	4.286		
9/12/12 19:26	473160	7886	28.165	19.157	136.83	4.275		
9/12/12 19:41	474060	7901	28.157	19.156	136.849	4.294		
9/12/12 19:56	474960	7916	28.163	19.156	136.836	4.281		
9/12/12 20:11	475860	7931	28.16	19.158	136.841	4.286		
9/12/12 20:26	476760	7946	28.158	19.159	136.847	4.292		
9/12/12 20:41	477660	7961	28.153	19.159	136.859	4.304		
9/12/12 20:56	478560	7976	28.158	19.157	136.847	4.292		
9/12/12 21:11	479460	7991	28.159	19.158	136.846	4.291		
9/12/12 21:26	480360	8006	28.156	19.158	136.851	4.296		
9/12/12 21:41	481260	8021	28.156	19.156	136.851	4.296		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 21:56	482160	8036	28.152	19.156	136.862	4.307		
9/12/12 22:11	483060	8051	28.152	19.159	136.862	4.307		
9/12/12 22:26	483960	8066	28.159	19.159	136.844	4.289		
9/12/12 22:41	484860	8081	28.157	19.158	136.849	4.294		
9/12/12 22:56	485760	8096	28.153	19.155	136.859	4.304		
9/12/12 23:11	486660	8111	28.153	19.159	136.859	4.304		
9/12/12 23:26	487560	8126	28.158	19.159	136.846	4.291		
9/12/12 23:41	488460	8141	28.153	19.159	136.858	4.303		
9/12/12 23:56	489360	8156	28.157	19.158	136.849	4.294		
9/13/12 0:11	490260	8171	28.159	19.158	136.845	4.29		
9/13/12 0:26	491160	8186	28.152	19.159	136.861	4.306		
9/13/12 0:41	492060	8201	28.152	19.156	136.861	4.306		
9/13/12 0:56	492960	8216	28.151	19.156	136.862	4.307		
9/13/12 1:11	493860	8231	28.159	19.153	136.845	4.29		
9/13/12 1:26	494760	8246	28.153	19.16	136.858	4.303		
9/13/12 1:41	495660	8261	28.158	19.156	136.846	4.291		
9/13/12 1:56	496560	8276	28.158	19.157	136.846	4.291		
9/13/12 2:11	497460	8291	28.153	19.156	136.859	4.304		
9/13/12 2:26	498360	8306	28.153	19.158	136.857	4.302		
9/13/12 2:41	499260	8321	28.153	19.156	136.858	4.303		
9/13/12 2:56	500160	8336	28.153	19.159	136.859	4.304		
9/13/12 3:11	501060	8351	28.158	19.157	136.846	4.291		
9/13/12 3:26	501960	8366	28.153	19.157	136.858	4.303		
9/13/12 3:41	502860	8381	28.154	19.158	136.857	4.302		
9/13/12 3:56	503760	8396	28.159	19.157	136.846	4.291		
9/13/12 4:11	504660	8411	28.156	19.158	136.851	4.296		
9/13/12 4:26	505560	8426	28.151	19.159	136.862	4.307		
9/13/12 4:41	506460	8441	28.156	19.158	136.852	4.297		
9/13/12 4:56	507360	8456	28.148	19.156	136.87	4.315		
9/13/12 5:11	508260	8471	28.15	19.156	136.866	4.311		
9/13/12 5:26	509160	8486	28.15	19.155	136.866	4.311		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 5:41	510060	8501	28.155	19.157	136.854	4.299		
9/13/12 5:56	510960	8516	28.148	19.157	136.871	4.316		
9/13/12 6:11	511860	8531	28.148	19.158	136.87	4.315		
9/13/12 6:26	512760	8546	28.145	19.159	136.876	4.321		
9/13/12 6:41	513660	8561	28.146	19.158	136.875	4.32		
9/13/12 6:56	514560	8576	28.144	19.157	136.879	4.324		
9/13/12 7:11	515460	8591	28.144	19.156	136.88	4.325		
9/13/12 7:26	516360	8606	28.143	19.156	136.881	4.326		
9/13/12 7:41	517260	8621	28.142	19.158	136.884	4.329		
9/13/12 7:56	518160	8636	28.142	19.156	136.884	4.329		
9/13/12 8:11	519060	8651	28.145	19.156	136.876	4.321		
9/13/12 8:26	519960	8666	28.142	19.156	136.883	4.328		
9/13/12 8:41	520860	8681	28.138	19.159	136.893	4.338		
9/13/12 8:56	521760	8696	28.143	19.156	136.881	4.326		
9/13/12 9:11	522660	8711	28.144	19.156	136.879	4.324		
9/13/12 9:26	523560	8726	28.129	19.156	136.913	4.358		
9/13/12 9:41	524460	8741	28.13	19.159	136.912	4.357		
9/13/12 9:56	525360	8756	28.131	19.162	136.909	4.354		
9/13/12 10:11	526260	8771	28.13	19.159	136.912	4.357		
9/13/12 10:26	527160	8786	28.132	19.159	136.907	4.352		
9/13/12 10:41	528060	8801	28.132	19.16	136.908	4.353		
9/13/12 10:56	528960	8816	28.129	19.161	136.913	4.358		
9/13/12 11:11	529860	8831	28.138	19.16	136.894	4.339		
9/13/12 11:26	530760	8846	28.138	19.156	136.894	4.339		
9/13/12 11:41	531660	8861	28.134	19.159	136.902	4.347		
9/13/12 11:56	532560	8876	28.14	19.157	136.889	4.334		
9/13/12 12:11	533460	8891	28.135	19.157	136.901	4.346		
9/13/12 12:26	534360	8906	28.14	19.157	136.888	4.333		
9/13/12 12:41	535260	8921	28.142	19.159	136.883	4.328		
9/13/12 12:56	536160	8936	28.137	19.158	136.896	4.341		
9/13/12 13:11	537060	8951	28.137	19.157	136.895	4.34		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 13:26	537960	8966	28.136	19.156	136.899	4.344		
9/13/12 13:41	538860	8981	28.139	19.156	136.892	4.337		
9/13/12 13:56	539760	8996	28.138	19.156	136.893	4.338		
9/13/12 14:11	540660	9011	28.139	19.156	136.892	4.337		
9/13/12 14:26	541560	9026	28.138	19.155	136.893	4.338		
9/13/12 14:41	542460	9041	28.137	19.156	136.897	4.342		
9/13/12 14:56	543360	9056	28.137	19.158	136.894	4.339		
9/13/12 15:11	544260	9071	28.137	19.155	136.894	4.339		
9/13/12 15:26	545160	9086	28.138	19.158	136.892	4.337		
9/13/12 15:41	546060	9101	28.146	19.156	136.875	4.32		
9/13/12 15:56	546960	9116	28.138	19.156	136.894	4.339		
9/13/12 16:11	547860	9131	28.143	19.155	136.881	4.326		
9/13/12 16:26	548760	9146	28.142	19.156	136.884	4.329		
9/13/12 16:41	549660	9161	28.137	19.158	136.896	4.341		
9/13/12 16:56	550560	9176	28.134	19.157	136.901	4.346		
9/13/12 17:11	551460	9191	28.142	19.158	136.884	4.329		
9/13/12 17:26	552360	9206	28.135	19.156	136.899	4.344		
9/13/12 17:41	553260	9221	28.132	19.157	136.908	4.353		
9/13/12 17:56	554160	9236	28.139	19.157	136.891	4.336		
9/13/12 18:11	555060	9251	28.132	19.158	136.907	4.352		
9/13/12 18:26	555960	9266	28.134	19.156	136.903	4.348		
9/13/12 18:41	556860	9281	28.13	19.159	136.911	4.356		
9/13/12 18:56	557760	9296	28.132	19.155	136.908	4.353		
9/13/12 19:11	558660	9311	28.128	19.157	136.917	4.362		
9/13/12 19:26	559560	9326	28.127	19.156	136.918	4.363		
9/13/12 19:41	560460	9341	28.13	19.157	136.912	4.357		
9/13/12 19:56	561360	9356	28.131	19.158	136.91	4.355		
9/13/12 20:11	562260	9371	28.125	19.156	136.922	4.367		
9/13/12 20:26	563160	9386	28.121	19.157	136.931	4.376		
9/13/12 20:41	564060	9401	28.121	19.158	136.933	4.378		
9/13/12 20:56	564960	9416	28.122	19.156	136.93	4.375		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 21:11	565860	9431	28.123	19.158	136.929	4.374		
9/13/12 21:26	566760	9446	28.122	19.156	136.931	4.376		
9/13/12 21:41	567660	9461	28.121	19.156	136.932	4.377		
9/13/12 21:56	568560	9476	28.12	19.156	136.936	4.381		
9/13/12 22:11	569460	9491	28.121	19.155	136.932	4.377		
9/13/12 22:26	570360	9506	28.121	19.155	136.933	4.378		
9/13/12 22:41	571260	9521	28.12	19.156	136.934	4.379		
9/13/12 22:56	572160	9536	28.119	19.157	136.936	4.381		
9/13/12 23:11	573060	9551	28.127	19.155	136.919	4.364		
9/13/12 23:26	573960	9566	28.127	19.155	136.918	4.363		
9/13/12 23:41	574860	9581	28.122	19.156	136.931	4.376		
9/13/12 23:56	575760	9596	28.122	19.157	136.929	4.374		
9/14/12 0:11	576660	9611	28.12	19.156	136.935	4.38		
9/14/12 0:26	577560	9626	28.119	19.156	136.937	4.382		
9/14/12 0:41	578460	9641	28.126	19.152	136.922	4.367		
9/14/12 0:56	579360	9656	28.12	19.157	136.935	4.38		
9/14/12 1:11	580260	9671	28.125	19.156	136.924	4.369		
9/14/12 1:26	581160	9686	28.119	19.158	136.937	4.382		
9/14/12 1:41	582060	9701	28.125	19.155	136.924	4.369		
9/14/12 1:56	582960	9716	28.12	19.155	136.934	4.379		
9/14/12 2:11	583860	9731	28.12	19.156	136.934	4.379		
9/14/12 2:26	584760	9746	28.12	19.156	136.934	4.379		
9/14/12 2:41	585660	9761	28.12	19.156	136.935	4.38		
9/14/12 2:56	586560	9776	28.119	19.158	136.936	4.381		
9/14/12 3:11	587460	9791	28.126	19.155	136.922	4.367		
9/14/12 3:26	588360	9806	28.119	19.156	136.937	4.382		
9/14/12 3:41	589260	9821	28.125	19.153	136.924	4.369		
9/14/12 3:56	590160	9836	28.12	19.155	136.935	4.38		
9/14/12 4:11	591060	9851	28.12	19.156	136.936	4.381		
9/14/12 4:26	591960	9866	28.12	19.154	136.935	4.38		
9/14/12 4:41	592860	9881	28.124	19.154	136.925	4.37		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 4:56	593760	9896	28.123	19.155	136.927	4.372		
9/14/12 5:11	594660	9911	28.123	19.155	136.928	4.373		
9/14/12 5:26	595560	9926	28.117	19.155	136.942	4.387		
9/14/12 5:41	596460	9941	28.124	19.157	136.925	4.37		
9/14/12 5:56	597360	9956	28.122	19.156	136.93	4.375		
9/14/12 6:11	598260	9971	28.116	19.155	136.943	4.388		
9/14/12 6:26	599160	9986	28.115	19.155	136.946	4.391		
9/14/12 6:41	600060	10001	28.113	19.156	136.951	4.396		
9/14/12 6:56	600960	10016	28.114	19.156	136.95	4.395		
9/14/12 7:11	601860	10031	28.114	19.156	136.948	4.393		
9/14/12 7:26	602760	10046	28.11	19.155	136.957	4.402		
9/14/12 7:41	603660	10061	28.112	19.157	136.953	4.398		
9/14/12 7:56	604560	10076	28.113	19.155	136.952	4.397		
9/14/12 8:11	605460	10091	28.111	19.155	136.956	4.401		
9/14/12 8:26	606360	10106	28.118	19.155	136.939	4.384		
9/14/12 8:41	607260	10121	28.117	19.155	136.942	4.387		
9/14/12 8:56	608160	10136	28.11	19.155	136.958	4.403		
9/14/12 9:11	609060	10151	28.11	19.156	136.958	4.403		
9/14/12 9:26	609960	10166	28.106	19.155	136.967	4.412		
9/14/12 9:41	610860	10181	28.107	19.156	136.964	4.409		
9/14/12 9:56	611760	10196	28.112	19.157	136.954	4.399		
9/14/12 10:11	612660	10211	28.107	19.155	136.964	4.409		
9/14/12 10:26	613560	10226	28.107	19.155	136.964	4.409		
9/14/12 10:41	614460	10241	28.114	19.155	136.949	4.394		
9/14/12 10:56	615360	10256	28.106	19.153	136.966	4.411		
9/14/12 11:11	616260	10271	28.11	19.157	136.958	4.403		
9/14/12 11:26	617160	10286	28.11	19.154	136.958	4.403		
9/14/12 11:41	618060	10301	28.109	19.154	136.96	4.405		
9/14/12 11:56	618960	10316	28.118	19.155	136.94	4.385		
9/14/12 12:11	619860	10331	28.109	19.156	136.96	4.405		
9/14/12 12:26	620760	10346	28.109	19.156	136.959	4.404		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 12:41	621660	10361	28.111	19.154	136.956	4.401		
9/14/12 12:56	622560	10376	28.111	19.154	136.956	4.401		
9/14/12 13:11	623460	10391	28.112	19.156	136.953	4.398		
9/14/12 13:26	624360	10406	28.119	19.152	136.936	4.381		
9/14/12 13:41	625260	10421	28.112	19.156	136.953	4.398		
9/14/12 13:56	626160	10436	28.113	19.154	136.95	4.395		
9/14/12 14:11	627060	10451	28.113	19.156	136.95	4.395		
9/14/12 14:26	627960	10466	28.119	19.156	136.936	4.381		
9/14/12 14:41	628860	10481	28.114	19.155	136.948	4.393		
9/14/12 14:56	629760	10496	28.121	19.157	136.933	4.378		
9/14/12 15:11	630660	10511	28.121	19.156	136.933	4.378		
9/14/12 15:26	631560	10526	28.114	19.155	136.949	4.394		
9/14/12 15:41	632460	10541	28.114	19.156	136.947	4.392		
9/14/12 15:56	633360	10556	28.114	19.156	136.949	4.394		
9/14/12 16:11	634260	10571	28.113	19.157	136.952	4.397		
9/14/12 16:26	635160	10586	28.114	19.154	136.949	4.394		
9/14/12 16:41	636060	10601	28.113	19.156	136.951	4.396		
9/14/12 16:56	636960	10616	28.112	19.156	136.954	4.399		
9/14/12 17:11	637860	10631	28.113	19.154	136.951	4.396		
9/14/12 17:26	638760	10646	28.112	19.155	136.953	4.398		
9/14/12 17:41	639660	10661	28.11	19.154	136.957	4.402		
9/14/12 17:56	640560	10676	28.117	19.156	136.942	4.387		
9/14/12 18:11	641460	10691	28.111	19.152	136.956	4.401		
9/14/12 18:26	642360	10706	28.116	19.155	136.944	4.389		
9/14/12 18:41	643260	10721	28.115	19.153	136.945	4.39		
9/14/12 18:56	644160	10736	28.114	19.156	136.948	4.393		
9/14/12 19:11	645060	10751	28.108	19.153	136.962	4.407		
9/14/12 19:26	645960	10766	28.105	19.153	136.968	4.413		
9/14/12 19:41	646860	10781	28.104	19.156	136.973	4.418		
9/14/12 19:56	647760	10796	28.103	19.153	136.973	4.418		
9/14/12 20:11	648660	10811	28.103	19.156	136.975	4.42		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 20:26	649560	10826	28.11	19.154	136.958	4.403		
9/14/12 20:41	650460	10841	28.107	19.154	136.965	4.41		
9/14/12 20:56	651360	10856	28.102	19.156	136.977	4.422		
9/14/12 21:11	652260	10871	28.102	19.155	136.976	4.421		
9/14/12 21:26	653160	10886	28.101	19.155	136.979	4.424		
9/14/12 21:41	654060	10901	28.105	19.154	136.97	4.415		
9/14/12 21:56	654960	10916	28.106	19.152	136.967	4.412		
9/14/12 22:11	655860	10931	28.1	19.155	136.98	4.425		
9/14/12 22:26	656760	10946	28.1	19.157	136.981	4.426		
9/14/12 22:41	657660	10961	28.105	19.158	136.968	4.413		
9/14/12 22:56	658560	10976	28.099	19.156	136.984	4.429		
9/14/12 23:11	659460	10991	28.1	19.154	136.982	4.427		
9/14/12 23:26	660360	11006	28.1	19.154	136.98	4.425		
9/14/12 23:41	661260	11021	28.098	19.154	136.985	4.43		
9/14/12 23:56	662160	11036	28.1	19.158	136.981	4.426		
9/15/12 0:11	663060	11051	28.105	19.153	136.969	4.414		
9/15/12 0:26	663960	11066	28.101	19.153	136.979	4.424		
9/15/12 0:41	664860	11081	28.1	19.155	136.982	4.427		
9/15/12 0:56	665760	11096	28.1	19.154	136.98	4.425		
9/15/12 1:11	666660	11111	28.101	19.152	136.979	4.424		
9/15/12 1:26	667560	11126	28.1	19.153	136.981	4.426		
9/15/12 1:41	668460	11141	28.101	19.156	136.979	4.424		
9/15/12 1:56	669360	11156	28.107	19.153	136.965	4.41		
9/15/12 2:11	670260	11171	28.11	19.153	136.957	4.402		
9/15/12 2:26	671160	11186	28.106	19.152	136.968	4.413		
9/15/12 2:41	672060	11201	28.109	19.152	136.959	4.404		
9/15/12 2:56	672960	11216	28.107	19.156	136.964	4.409		
9/15/12 3:11	673860	11231	28.106	19.152	136.968	4.413		
9/15/12 3:26	674760	11246	28.112	19.154	136.953	4.398		
9/15/12 3:41	675660	11261	28.11	19.155	136.957	4.402		
9/15/12 3:56	676560	11276	28.105	19.153	136.969	4.414		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 4:11	677460	11291	28.111	19.155	136.956	4.401		
9/15/12 4:26	678360	11306	28.105	19.154	136.97	4.415		
9/15/12 4:41	679260	11321	28.103	19.154	136.973	4.418		
9/15/12 4:56	680160	11336	28.105	19.153	136.969	4.414		
9/15/12 5:11	681060	11351	28.103	19.153	136.973	4.418		
9/15/12 5:26	681960	11366	28.102	19.156	136.975	4.42		
9/15/12 5:41	682860	11381	28.109	19.154	136.961	4.406		
9/15/12 5:56	683760	11396	28.103	19.156	136.973	4.418		
9/15/12 6:11	684660	11411	28.1	19.155	136.98	4.425		
9/15/12 6:26	685560	11426	28.106	19.152	136.966	4.411		
9/15/12 6:41	686460	11441	28.101	19.154	136.98	4.425		
9/15/12 6:56	687360	11456	28.102	19.155	136.976	4.421		
9/15/12 7:11	688260	11471	28.1	19.155	136.981	4.426		
9/15/12 7:26	689160	11486	28.099	19.154	136.982	4.427		
9/15/12 7:41	690060	11501	28.1	19.153	136.982	4.427		
9/15/12 7:56	690960	11516	28.099	19.153	136.983	4.428		
9/15/12 8:11	691860	11531	28.106	19.156	136.968	4.413		
9/15/12 8:26	692760	11546	28.1	19.153	136.982	4.427		
9/15/12 8:41	693660	11561	28.098	19.156	136.985	4.43		
9/15/12 8:56	694560	11576	28.103	19.153	136.973	4.418		
9/15/12 9:11	695460	11591	28.097	19.153	136.989	4.434		
9/15/12 9:26	696360	11606	28.098	19.155	136.986	4.431		
9/15/12 9:41	697260	11621	28.09	19.156	137.005	4.45		
9/15/12 9:56	698160	11636	28.095	19.157	136.993	4.438		
9/15/12 10:11	699060	11651	28.089	19.156	137.006	4.451		
9/15/12 10:26	699960	11666	28.089	19.154	137.006	4.451		
9/15/12 10:41	700860	11681	28.09	19.154	137.004	4.449		
9/15/12 10:56	701760	11696	28.089	19.154	137.006	4.451		
9/15/12 11:11	702660	11711	28.09	19.156	137.003	4.448		
9/15/12 11:26	703560	11726	28.09	19.156	137.003	4.448		
9/15/12 11:41	704460	11741	28.091	19.156	137.002	4.447		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 11:56	705360	11756	28.097	19.154	136.987	4.432		
9/15/12 12:11	706260	11771	28.092	19.156	136.999	4.444		
9/15/12 12:26	707160	11786	28.094	19.156	136.995	4.44		
9/15/12 12:41	708060	11801	28.098	19.152	136.986	4.431		
9/15/12 12:56	708960	11816	28.096	19.154	136.991	4.436		
9/15/12 13:11	709860	11831	28.094	19.153	136.994	4.439		
9/15/12 13:26	710760	11846	28.096	19.152	136.991	4.436		
9/15/12 13:41	711660	11861	28.094	19.154	136.994	4.439		
9/15/12 13:56	712560	11876	28.1	19.154	136.98	4.425		
9/15/12 14:11	713460	11891	28.103	19.156	136.975	4.42		
9/15/12 14:26	714360	11906	28.098	19.155	136.986	4.431		
9/15/12 14:41	715260	11921	28.098	19.153	136.985	4.43		
9/15/12 14:56	716160	11936	28.096	19.154	136.991	4.436		
9/15/12 15:11	717060	11951	28.098	19.154	136.987	4.432		
9/15/12 15:26	717960	11966	28.106	19.154	136.967	4.412		
9/15/12 15:41	718860	11981	28.099	19.154	136.984	4.429		
9/15/12 15:56	719760	11996	28.099	19.155	136.984	4.429		
9/15/12 16:11	720660	12011	28.099	19.158	136.983	4.428		
9/15/12 16:26	721560	12026	28.099	19.154	136.983	4.428		
9/15/12 16:41	722460	12041	28.106	19.155	136.968	4.413		
9/15/12 16:56	723360	12056	28.096	19.157	136.99	4.435		
9/15/12 17:11	724260	12071	28.099	19.155	136.984	4.429		
9/15/12 17:26	725160	12086	28.095	19.154	136.991	4.436		
9/15/12 17:41	726060	12101	28.096	19.153	136.989	4.434		
9/15/12 17:56	726960	12116	28.102	19.155	136.975	4.42		
9/15/12 18:11	727860	12131	28.101	19.156	136.978	4.423		
9/15/12 18:26	728760	12146	28.094	19.156	136.995	4.44		
9/15/12 18:41	729660	12161	28.1	19.152	136.981	4.426		
9/15/12 18:56	730560	12176	28.1	19.155	136.981	4.426		
9/15/12 19:11	731460	12191	28.092	19.154	136.999	4.444		
9/15/12 19:26	732360	12206	28.091	19.154	137.001	4.446		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 19:41	733260	12221	28.096	19.154	136.991	4.436		
9/15/12 19:56	734160	12236	28.089	19.154	137.005	4.45		
9/15/12 20:11	735060	12251	28.088	19.154	137.009	4.454		
9/15/12 20:26	735960	12266	28.094	19.153	136.996	4.441		
9/15/12 20:41	736860	12281	28.093	19.151	136.998	4.443		
9/15/12 20:56	737760	12296	28.086	19.155	137.014	4.459		
9/15/12 21:11	738660	12311	28.086	19.152	137.013	4.458		
9/15/12 21:26	739560	12326	28.086	19.155	137.012	4.457		
9/15/12 21:41	740460	12341	28.092	19.156	137	4.445		
9/15/12 21:56	741360	12356	28.09	19.155	137.004	4.449		
9/15/12 22:11	742260	12371	28.089	19.155	137.006	4.451		
9/15/12 22:26	743160	12386	28.083	19.154	137.019	4.464		
9/15/12 22:41	744060	12401	28.083	19.152	137.019	4.464		
9/15/12 22:56	744960	12416	28.086	19.155	137.014	4.459		
9/15/12 23:11	745860	12431	28.084	19.156	137.017	4.462		
9/15/12 23:26	746760	12446	28.082	19.153	137.022	4.467		
9/15/12 23:41	747660	12461	28.084	19.156	137.017	4.462		
9/15/12 23:56	748560	12476	28.085	19.154	137.015	4.46		
9/16/12 0:11	749460	12491	28.084	19.154	137.019	4.464		
9/16/12 0:26	750360	12506	28.082	19.154	137.023	4.468		
9/16/12 0:41	751260	12521	28.084	19.154	137.019	4.464		
9/16/12 0:56	752160	12536	28.083	19.154	137.019	4.464		
9/16/12 1:11	753060	12551	28.089	19.153	137.007	4.452		
9/16/12 1:26	753960	12566	28.084	19.153	137.018	4.463		
9/16/12 1:41	754860	12581	28.09	19.152	137.005	4.45		
9/16/12 1:56	755760	12596	28.085	19.156	137.015	4.46		
9/16/12 2:11	756660	12611	28.09	19.153	137.003	4.448		
9/16/12 2:26	757560	12626	28.086	19.156	137.013	4.458		
9/16/12 2:41	758460	12641	28.09	19.152	137.003	4.448		
9/16/12 2:56	759360	12656	28.09	19.152	137.004	4.449		
9/16/12 3:11	760260	12671	28.091	19.155	137.002	4.447		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 3:26	761160	12686	28.086	19.153	137.014	4.459		
9/16/12 3:41	762060	12701	28.087	19.152	137.011	4.456		
9/16/12 3:56	762960	12716	28.086	19.153	137.014	4.459		
9/16/12 4:11	763860	12731	28.086	19.153	137.014	4.459		
9/16/12 4:26	764760	12746	28.092	19.154	136.999	4.444		
9/16/12 4:41	765660	12761	28.085	19.155	137.015	4.46		
9/16/12 4:56	766560	12776	28.092	19.154	136.999	4.444		
9/16/12 5:11	767460	12791	28.093	19.153	136.998	4.443		
9/16/12 5:26	768360	12806	28.091	19.155	137.001	4.446		
9/16/12 5:41	769260	12821	28.084	19.154	137.018	4.463		
9/16/12 5:56	770160	12836	28.084	19.155	137.018	4.463		
9/16/12 6:11	771060	12851	28.083	19.154	137.021	4.466		
9/16/12 6:26	771960	12866	28.09	19.153	137.004	4.449		
9/16/12 6:41	772860	12881	28.089	19.155	137.006	4.451		
9/16/12 6:56	773760	12896	28.086	19.151	137.012	4.457		
9/16/12 7:11	774660	12911	28.084	19.155	137.019	4.464		
9/16/12 7:26	775560	12926	28.083	19.153	137.019	4.464		
9/16/12 7:41	776460	12941	28.083	19.153	137.02	4.465		
9/16/12 7:56	777360	12956	28.089	19.153	137.005	4.45		
9/16/12 8:11	778260	12971	28.09	19.156	137.005	4.45		
9/16/12 8:26	779160	12986	28.082	19.152	137.022	4.467		
9/16/12 8:41	780060	13001	28.083	19.152	137.019	4.464		
9/16/12 8:56	780960	13016	28.087	19.154	137.011	4.456		
9/16/12 9:11	781860	13031	28.087	19.151	137.012	4.457		
9/16/12 9:26	782760	13046	28.086	19.156	137.012	4.457		
9/16/12 9:41	783660	13061	28.081	19.154	137.025	4.47		
9/16/12 9:56	784560	13076	28.081	19.154	137.025	4.47		
9/16/12 10:11	785460	13091	28.081	19.154	137.024	4.469		
9/16/12 10:26	786360	13106	28.087	19.153	137.011	4.456		
9/16/12 10:41	787260	13121	28.077	19.157	137.033	4.478		
9/16/12 10:56	788160	13136	28.086	19.155	137.014	4.459		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 11:11	789060	13151	28.081	19.156	137.025	4.47		
9/16/12 11:26	789960	13166	28.083	19.151	137.02	4.465		
9/16/12 11:41	790860	13181	28.079	19.155	137.029	4.474		
9/16/12 11:56	791760	13196	28.085	19.155	137.016	4.461		
9/16/12 12:11	792660	13211	28.085	19.154	137.016	4.461		
9/16/12 12:26	793560	13226	28.09	19.155	137.004	4.449		
9/16/12 12:41	794460	13241	28.087	19.156	137.011	4.456		
9/16/12 12:56	795360	13256	28.088	19.152	137.008	4.453		
9/16/12 13:11	796260	13271	28.09	19.153	137.005	4.45		
9/16/12 13:26	797160	13286	28.083	19.155	137.02	4.465		
9/16/12 13:41	798060	13301	28.086	19.154	137.014	4.459		
9/16/12 13:56	798960	13316	28.091	19.154	137.001	4.446		
9/16/12 14:11	799860	13331	28.087	19.153	137.011	4.456		
9/16/12 14:26	800760	13346	28.083	19.155	137.019	4.464		
9/16/12 14:41	801660	13361	28.091	19.155	137.003	4.448		
9/16/12 14:56	802560	13376	28.092	19.153	137	4.445		
9/16/12 15:11	803460	13391	28.086	19.154	137.014	4.459		
9/16/12 15:26	804360	13406	28.092	19.155	136.998	4.443		
9/16/12 15:41	805260	13421	28.087	19.152	137.01	4.455		
9/16/12 15:56	806160	13436	28.092	19.152	136.999	4.444		
9/16/12 16:11	807060	13451	28.085	19.154	137.016	4.461		
9/16/12 16:26	807960	13466	28.091	19.154	137.002	4.447		
9/16/12 16:41	808860	13481	28.09	19.157	137.004	4.449		
9/16/12 16:56	809760	13496	28.085	19.155	137.015	4.46		
9/16/12 17:11	810660	13511	28.087	19.155	137.01	4.455		
9/16/12 17:26	811560	13526	28.087	19.153	137.01	4.455		
9/16/12 17:41	812460	13541	28.084	19.155	137.018	4.463		
9/16/12 17:56	813360	13556	28.088	19.156	137.008	4.453		
9/16/12 18:11	814260	13571	28.086	19.158	137.013	4.458		
9/16/12 18:26	815160	13586	28.081	19.156	137.025	4.47		
9/16/12 18:41	816060	13601	28.082	19.155	137.021	4.466		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 18:56	816960	13616	28.087	19.153	137.011	4.456		
9/16/12 19:11	817860	13631	28.081	19.155	137.025	4.47		
9/16/12 19:26	818760	13646	28.086	19.153	137.014	4.459		
9/16/12 19:41	819660	13661	28.083	19.151	137.02	4.465		
9/16/12 19:56	820560	13676	28.077	19.153	137.035	4.48		
9/16/12 20:11	821460	13691	28.082	19.156	137.022	4.467		
9/16/12 20:26	822360	13706	28.082	19.155	137.023	4.468		
9/16/12 20:41	823260	13721	28.078	19.153	137.032	4.477		
9/16/12 20:56	824160	13736	28.082	19.154	137.023	4.468		
9/16/12 21:11	825060	13751	28.081	19.154	137.025	4.47		
9/16/12 21:26	825960	13766	28.081	19.154	137.025	4.47		
9/16/12 21:41	826860	13781	28.074	19.154	137.04	4.485		
9/16/12 21:56	827760	13796	28.079	19.153	137.029	4.474		
9/16/12 22:11	828660	13811	28.079	19.153	137.029	4.474		
9/16/12 22:26	829560	13826	28.08	19.155	137.026	4.471		
9/16/12 22:41	830460	13841	28.08	19.154	137.026	4.471		
9/16/12 22:56	831360	13856	28.073	19.154	137.042	4.487		
9/16/12 23:11	832260	13871	28.073	19.154	137.043	4.488		
9/16/12 23:26	833160	13886	28.079	19.154	137.03	4.475		
9/16/12 23:41	834060	13901	28.072	19.153	137.044	4.489		
9/16/12 23:56	834960	13916	28.072	19.152	137.044	4.489		
9/17/12 0:11	835860	13931	28.078	19.151	137.031	4.476		
9/17/12 0:26	836760	13946	28.072	19.152	137.046	4.491		
9/17/12 0:41	837660	13961	28.077	19.153	137.033	4.478		
9/17/12 0:56	838560	13976	28.077	19.154	137.033	4.478		
9/17/12 1:11	839460	13991	28.071	19.154	137.048	4.493		
9/17/12 1:26	840360	14006	28.074	19.154	137.042	4.487		
9/17/12 1:41	841260	14021	28.071	19.152	137.048	4.493		
9/17/12 1:56	842160	14036	28.076	19.153	137.035	4.48		
9/17/12 2:11	843060	14051	28.07	19.155	137.049	4.494		
9/17/12 2:26	843960	14066	28.079	19.151	137.03	4.475		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 2:41	844860	14081	28.079	19.152	137.029	4.474		
9/17/12 2:56	845760	14096	28.074	19.155	137.042	4.487		
9/17/12 3:11	846660	14111	28.079	19.152	137.028	4.473		
9/17/12 3:26	847560	14126	28.074	19.153	137.04	4.485		
9/17/12 3:41	848460	14141	28.072	19.154	137.044	4.489		
9/17/12 3:56	849360	14156	28.08	19.152	137.027	4.472		
9/17/12 4:11	850260	14171	28.074	19.153	137.041	4.486		
9/17/12 4:26	851160	14186	28.073	19.153	137.043	4.488		
9/17/12 4:41	852060	14201	28.074	19.153	137.042	4.487		
9/17/12 4:56	852960	14216	28.076	19.155	137.037	4.482		
9/17/12 5:11	853860	14231	28.079	19.151	137.03	4.475		
9/17/12 5:26	854760	14246	28.074	19.15	137.04	4.485		
9/17/12 5:41	855660	14261	28.073	19.155	137.043	4.488		
9/17/12 5:56	856560	14276	28.071	19.152	137.048	4.493		
9/17/12 6:11	857460	14291	28.079	19.153	137.029	4.474		
9/17/12 6:26	858360	14306	28.08	19.153	137.027	4.472		
9/17/12 6:41	859260	14321	28.071	19.156	137.048	4.493		
9/17/12 6:56	860160	14336	28.07	19.153	137.05	4.495		
9/17/12 7:11	861060	14351	28.077	19.153	137.035	4.48		
9/17/12 7:26	861960	14366	28.07	19.153	137.05	4.495		
9/17/12 7:41	862860	14381	28.07	19.155	137.05	4.495		
9/17/12 7:56	863760	14396	28.071	19.153	137.047	4.492		
9/17/12 8:11	864660	14411	28.075	19.148	137.038	4.483		
9/17/12 8:26	865560	14426	28.071	19.154	137.048	4.493		
9/17/12 8:41	866460	14441	28.072	19.152	137.047	4.492		
9/17/12 8:56	867360	14456	28.076	19.153	137.036	4.481		
9/17/12 9:11	868260	14471	28.07	19.154	137.051	4.496		
9/17/12 9:26	869160	14486	28.073	19.152	137.044	4.489		
9/17/12 9:41	870060	14501	28.071	19.154	137.048	4.493		
9/17/12 9:56	870960	14516	28.066	19.156	137.059	4.504		
9/17/12 10:11	871860	14531	28.067	19.155	137.057	4.502		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 10:26	872760	14546	28.072	19.152	137.047	4.492		
9/17/12 10:41	873660	14561	28.073	19.153	137.044	4.489		
9/17/12 10:56	874560	14576	28.066	19.155	137.06	4.505		
9/17/12 11:11	875460	14591	28.068	19.157	137.055	4.5		
9/17/12 11:26	876360	14606	28.073	19.155	137.043	4.488		
9/17/12 11:41	877260	14621	28.067	19.153	137.057	4.502		
9/17/12 11:56	878160	14636	28.069	19.151	137.052	4.497		
9/17/12 12:11	879060	14651	28.075	19.154	137.038	4.483		
9/17/12 12:26	879960	14666	28.076	19.153	137.037	4.482		
9/17/12 12:41	880860	14681	28.07	19.154	137.049	4.494		
9/17/12 12:56	881760	14696	28.075	19.153	137.038	4.483		
9/17/12 13:11	882660	14711	28.07	19.151	137.05	4.495		
9/17/12 13:26	883560	14726	28.069	19.155	137.052	4.497		
9/17/12 13:41	884460	14741	28.076	19.152	137.037	4.482		
9/17/12 13:56	885360	14756	28.075	19.153	137.04	4.485		
9/17/12 14:11	886260	14771	28.077	19.151	137.033	4.478		
9/17/12 14:25							136.64	
9/17/12 14:26	887160	14786	28.069	19.154	137.053	4.498		
9/17/12 14:41	888060	14801	28.074	19.153	137.04	4.485		
9/17/12 14:56	888960	14816	28.075	19.154	137.038	4.483		
9/17/12 15:11	889860	14831	28.072	19.153	137.045	4.49		
9/17/12 15:26	890760	14846	28.065	19.152	137.062	4.507		
9/17/12 15:41	891660	14861	28.071	19.153	137.048	4.493		
9/17/12 15:56	892560	14876	28.065	19.154	137.062	4.507		
9/17/12 16:11	893460	14891	28.066	19.152	137.059	4.504		
9/17/12 16:26	894360	14906	28.07	19.151	137.05	4.495		
9/17/12 16:41	895260	14921	28.066	19.152	137.059	4.504		
9/17/12 16:56	896160	14936	28.072	19.155	137.045	4.49		
9/17/12 17:11	897060	14951	28.066	19.153	137.059	4.504		
9/17/12 17:26	897960	14966	28.064	19.153	137.064	4.509		
9/17/12 17:41	898860	14981	28.065	19.15	137.061	4.506		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 17:56	899760	14996	28.069	19.153	137.052	4.497		
9/17/12 18:11	900660	15011	28.064	19.152	137.064	4.509		
9/17/12 18:26	901560	15026	28.065	19.152	137.062	4.507		
9/17/12 18:41	902460	15041	28.071	19.153	137.047	4.492		
9/17/12 18:56	903360	15056	28.07	19.152	137.05	4.495		
9/17/12 19:11	904260	15071	28.063	19.154	137.065	4.51		
9/17/12 19:26	905160	15086	28.069	19.153	137.054	4.499		
9/17/12 19:41	906060	15101	28.06	19.156	137.072	4.517		
9/17/12 19:56	906960	15116	28.064	19.153	137.063	4.508		
9/17/12 20:11	907860	15131	28.06	19.152	137.074	4.519		
9/17/12 20:26	908760	15146	28.058	19.153	137.078	4.523		
9/17/12 20:41	909660	15161	28.057	19.155	137.081	4.526		
9/17/12 20:56	910560	15176	28.057	19.154	137.081	4.526		
9/17/12 21:11	911460	15191	28.056	19.152	137.083	4.528		
9/17/12 21:26	912360	15206	28.053	19.152	137.089	4.534		
9/17/12 21:41	913260	15221	28.056	19.154	137.081	4.526		
9/17/12 21:56	914160	15236	28.056	19.154	137.083	4.528		
9/17/12 22:11	915060	15251	28.063	19.15	137.067	4.512		
9/17/12 22:26	915960	15266	28.061	19.152	137.071	4.516		
9/17/12 22:41	916860	15281	28.055	19.15	137.084	4.529		
9/17/12 22:56	917760	15296	28.055	19.152	137.085	4.53		
9/17/12 23:11	918660	15311	28.06	19.154	137.072	4.517		
9/17/12 23:26	919560	15326	28.052	19.155	137.091	4.536		
9/17/12 23:41	920460	15341	28.058	19.154	137.077	4.522		
9/17/12 23:56	921360	15356	28.058	19.151	137.079	4.524		
9/18/12 0:11	922260	15371	28.054	19.153	137.087	4.532		
9/18/12 0:26	923160	15386	28.06	19.155	137.073	4.518		
9/18/12 0:41	924060	15401	28.053	19.152	137.089	4.534		
9/18/12 0:56	924960	15416	28.059	19.152	137.075	4.52		
9/18/12 1:11	925860	15431	28.053	19.15	137.089	4.534		
9/18/12 1:26	926760	15446	28.052	19.153	137.091	4.536		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 1:41	927660	15461	28.059	19.15	137.076	4.521		
9/18/12 1:56	928560	15476	28.051	19.154	137.093	4.538		
9/18/12 2:11	929460	15491	28.052	19.153	137.092	4.537		
9/18/12 2:26	930360	15506	28.052	19.152	137.092	4.537		
9/18/12 2:41	931260	15521	28.052	19.152	137.091	4.536		
9/18/12 2:56	932160	15536	28.052	19.152	137.092	4.537		
9/18/12 3:11	933060	15551	28.053	19.152	137.09	4.535		
9/18/12 3:26	933960	15566	28.052	19.15	137.092	4.537		
9/18/12 3:41	934860	15581	28.054	19.152	137.088	4.533		
9/18/12 3:56	935760	15596	28.057	19.154	137.08	4.525		
9/18/12 4:11	936660	15611	28.058	19.15	137.078	4.523		
9/18/12 4:26	937560	15626	28.058	19.151	137.078	4.523		
9/18/12 4:41	938460	15641	28.057	19.152	137.08	4.525		
9/18/12 4:56	939360	15656	28.05	19.149	137.096	4.541		
9/18/12 5:11	940260	15671	28.052	19.152	137.092	4.537		
9/18/12 5:26	941160	15686	28.051	19.154	137.095	4.54		
9/18/12 5:41	942060	15701	28.05	19.153	137.097	4.542		
9/18/12 5:56	942960	15716	28.05	19.153	137.097	4.542		
9/18/12 6:11	943860	15731	28.052	19.15	137.093	4.538		
9/18/12 6:26	944760	15746	28.052	19.153	137.092	4.537		
9/18/12 6:41	945660	15761	28.051	19.151	137.094	4.539		
9/18/12 6:56	946560	15776	28.056	19.151	137.082	4.527		
9/18/12 7:11	947460	15791	28.049	19.153	137.098	4.543		
9/18/12 7:26	948360	15806	28.049	19.153	137.098	4.543		
9/18/12 7:41	949260	15821	28.056	19.15	137.083	4.528		
9/18/12 7:56	950160	15836	28.05	19.152	137.097	4.542		
9/18/12 8:11	951060	15851	28.05	19.15	137.095	4.54		
9/18/12 8:26	951960	15866	28.048	19.152	137.1	4.545		
9/18/12 8:41	952860	15881	28.05	19.154	137.097	4.542		
9/18/12 8:56	953760	15896	28.05	19.151	137.096	4.541		
9/18/12 9:11	954660	15911	28.049	19.151	137.098	4.543		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 9:26	955560	15926	28.049	19.153	137.099	4.544		
9/18/12 9:41	956460	15941	28.048	19.151	137.101	4.546		
9/18/12 9:56	957360	15956	28.052	19.153	137.091	4.536		
9/18/12 10:11	958260	15971	28.049	19.15	137.098	4.543		
9/18/12 10:26	959160	15986	28.056	19.153	137.083	4.528		
9/18/12 10:41	960060	16001	28.051	19.153	137.095	4.54		
9/18/12 10:56	960960	16016	28.05	19.152	137.096	4.541		
9/18/12 11:11	961860	16031	28.052	19.152	137.092	4.537		
9/18/12 11:26	962760	16046	28.05	19.151	137.097	4.542		
9/18/12 11:41	963660	16061	28.05	19.151	137.097	4.542		
9/18/12 11:56	964560	16076	28.05	19.152	137.096	4.541		
9/18/12 12:11	965460	16091	28.052	19.152	137.091	4.536		
9/18/12 12:26	966360	16106	28.05	19.152	137.096	4.541		
9/18/12 12:41	967260	16121	28.052	19.152	137.091	4.536		
9/18/12 12:56	968160	16136	28.053	19.151	137.09	4.535		
9/18/12 13:11	969060	16151	28.051	19.151	137.093	4.538		
9/18/12 13:26	969960	16166	28.053	19.153	137.089	4.534		
9/18/12 13:41	970860	16181	28.054	19.152	137.088	4.533		
9/18/12 13:56	971760	16196	28.054	19.151	137.086	4.531		
9/18/12 14:11	972660	16211	28.059	19.15	137.075	4.52		
9/18/12 14:26	973560	16226	28.06	19.153	137.073	4.518		
9/18/12 14:41	974460	16241	28.055	19.153	137.084	4.529		
9/18/12 14:56	975360	16256	28.054	19.152	137.087	4.532		
9/18/12 15:11	976260	16271	28.059	19.148	137.075	4.52		
9/18/12 15:26	977160	16286	28.059	19.151	137.076	4.521		
9/18/12 15:41	978060	16301	28.054	19.152	137.087	4.532		
9/18/12 15:56	978960	16316	28.061	19.152	137.072	4.517		
9/18/12 16:11	979860	16331	28.06	19.151	137.074	4.519		
9/18/12 16:26	980760	16346	28.059	19.153	137.075	4.52		
9/18/12 16:41	981660	16361	28.053	19.149	137.09	4.535		
9/18/12 16:56	982560	16376	28.053	19.153	137.09	4.535		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 17:11	983460	16391	28.051	19.15	137.095	4.54		
9/18/12 17:26	984360	16406	28.051	19.151	137.093	4.538		
9/18/12 17:41	985260	16421	28.05	19.149	137.097	4.542		
9/18/12 17:56	986160	16436	28.056	19.153	137.083	4.528		
9/18/12 18:11	987060	16451	28.052	19.152	137.091	4.536		
9/18/12 18:26	987960	16466	28.049	19.151	137.098	4.543		
9/18/12 18:41	988860	16481	28.057	19.154	137.081	4.526		
9/18/12 18:56	989760	16496	28.051	19.152	137.094	4.539		
9/18/12 19:11	990660	16511	28.05	19.151	137.097	4.542		
9/18/12 19:26	991560	16526	28.048	19.149	137.101	4.546		
9/18/12 19:41	992460	16541	28.048	19.151	137.101	4.546		
9/18/12 19:56	993360	16556	28.046	19.153	137.106	4.551		
9/18/12 20:11	994260	16571	28.051	19.152	137.093	4.538		
9/18/12 20:26	995160	16586	28.046	19.15	137.105	4.55		
9/18/12 20:41	996060	16601	28.05	19.152	137.097	4.542		
9/18/12 20:56	996960	16616	28.048	19.151	137.1	4.545		
9/18/12 21:11	997860	16631	28.044	19.151	137.109	4.554		
9/18/12 21:26	998760	16646	28.044	19.151	137.109	4.554		
9/18/12 21:41	999660	16661	28.042	19.152	137.116	4.561		
9/18/12 21:56	1000560	16676	28.044	19.155	137.111	4.556		
9/18/12 22:11	1001460	16691	28.044	19.152	137.11	4.555		
9/18/12 22:26	1002360	16706	28.048	19.152	137.101	4.546		
9/18/12 22:41	1003260	16721	28.049	19.15	137.099	4.544		
9/18/12 22:56	1004160	16736	28.042	19.15	137.115	4.56		
9/18/12 23:11	1005060	16751	28.048	19.15	137.101	4.546		
9/18/12 23:26	1005960	16766	28.041	19.151	137.116	4.561		
9/18/12 23:41	1006860	16781	28.04	19.154	137.12	4.565		
9/18/12 23:56	1007760	16796	28.041	19.152	137.116	4.561		
9/19/12 0:11	1008660	16811	28.042	19.15	137.115	4.56		
9/19/12 0:26	1009560	16826	28.04	19.15	137.119	4.564		
9/19/12 0:41	1010460	16841	28.041	19.15	137.118	4.563		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 0:56	1011360	16856	28.041	19.147	137.117	4.562		
9/19/12 1:11	1012260	16871	28.041	19.152	137.117	4.562		
9/19/12 1:26	1013160	16886	28.041	19.151	137.118	4.563		
9/19/12 1:41	1014060	16901	28.04	19.151	137.119	4.564		
9/19/12 1:56	1014960	16916	28.041	19.149	137.116	4.561		
9/19/12 2:11	1015860	16931	28.046	19.151	137.106	4.551		
9/19/12 2:26	1016760	16946	28.04	19.153	137.118	4.563		
9/19/12 2:41	1017660	16961	28.04	19.152	137.118	4.563		
9/19/12 2:56	1018560	16976	28.041	19.152	137.117	4.562		
9/19/12 3:11	1019460	16991	28.041	19.152	137.118	4.563		
9/19/12 3:26	1020360	17006	28.048	19.15	137.101	4.546		
9/19/12 3:41	1021260	17021	28.041	19.153	137.117	4.562		
9/19/12 3:56	1022160	17036	28.042	19.152	137.115	4.56		
9/19/12 4:11	1023060	17051	28.047	19.152	137.103	4.548		
9/19/12 4:26	1023960	17066	28.042	19.151	137.115	4.56		
9/19/12 4:41	1024860	17081	28.04	19.153	137.12	4.565		
9/19/12 4:56	1025760	17096	28.039	19.152	137.121	4.566		
9/19/12 5:11	1026660	17111	28.041	19.148	137.117	4.562		
9/19/12 5:26	1027560	17126	28.04	19.148	137.118	4.563		
9/19/12 5:41	1028460	17141	28.04	19.15	137.118	4.563		
9/19/12 5:56	1029360	17156	28.041	19.15	137.118	4.563		
9/19/12 6:11	1030260	17171	28.041	19.15	137.117	4.562		
9/19/12 6:26	1031160	17186	28.045	19.149	137.107	4.552		
9/19/12 6:41	1032060	17201	28.041	19.154	137.118	4.563		
9/19/12 6:56	1032960	17216	28.04	19.153	137.119	4.564		
9/19/12 7:11	1033860	17231	28.04	19.153	137.12	4.565		
9/19/12 7:26	1034760	17246	28.044	19.149	137.111	4.556		
9/19/12 7:41	1035660	17261	28.043	19.149	137.112	4.557		
9/19/12 7:56	1036560	17276	28.039	19.152	137.122	4.567		
9/19/12 8:11	1037460	17291	28.045	19.151	137.108	4.553		
9/19/12 8:26	1038360	17306	28.038	19.15	137.123	4.568		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 8:41	1039260	17321	28.045	19.15	137.108	4.553		
9/19/12 8:56	1040160	17336	28.043	19.151	137.112	4.557		
9/19/12 9:11	1041060	17351	28.046	19.15	137.106	4.551		
9/19/12 9:26	1041960	17366	28.039	19.147	137.121	4.566		
9/19/12 9:41	1042860	17381	28.04	19.151	137.119	4.564		
9/19/12 9:56	1043760	17396	28.039	19.15	137.121	4.566		
9/19/12 10:11	1044660	17411	28.046	19.15	137.106	4.551		
9/19/12 10:26	1045560	17426	28.046	19.152	137.105	4.55		
9/19/12 10:41	1046460	17441	28.04	19.149	137.119	4.564		
9/19/12 10:56	1047360	17456	28.04	19.153	137.12	4.565		
9/19/12 11:11	1048260	17471	28.042	19.148	137.115	4.56		
9/19/12 11:26	1049160	17486	28.048	19.148	137.102	4.547		
9/19/12 11:41	1050060	17501	28.043	19.152	137.113	4.558		
9/19/12 11:56	1050960	17516	28.042	19.151	137.114	4.559		
9/19/12 12:11	1051860	17531	28.05	19.152	137.096	4.541		
9/19/12 12:26	1052760	17546	28.043	19.149	137.112	4.557		
9/19/12 12:41	1053660	17561	28.045	19.151	137.109	4.554		
9/19/12 12:55							136.70	
9/19/12 12:56	1054560	17576	28.044	19.148	137.11	4.555		
9/19/12 13:11	1055460	17591	28.045	19.152	137.109	4.554		
9/19/12 13:26	1056360	17606	28.05	19.151	137.095	4.54		
9/19/12 13:41	1057260	17621	28.049	19.147	137.099	4.544		
9/19/12 13:56	1058160	17636	28.046	19.15	137.106	4.551		
9/19/12 14:11	1059060	17651	28.05	19.149	137.096	4.541		
9/19/12 14:26	1059960	17666	28.046	19.152	137.106	4.551		
9/19/12 14:41	1060860	17681	28.045	19.15	137.109	4.554		
9/19/12 14:56	1061760	17696	28.043	19.15	137.112	4.557		
9/19/12 15:11	1062660	17711	28.045	19.15	137.108	4.553		
9/19/12 15:26	1063560	17726	28.046	19.151	137.107	4.552		
9/19/12 15:41	1064460	17741	28.05	19.152	137.097	4.542		
9/19/12 15:56	1065360	17756	28.05	19.151	137.096	4.541		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 16:11	1066260	17771	28.042	19.148	137.115	4.56		
9/19/12 16:26	1067160	17786	28.044	19.15	137.11	4.555		
9/19/12 16:41	1068060	17801	28.042	19.152	137.116	4.561		
9/19/12 16:56	1068960	17816	28.043	19.153	137.111	4.556		
9/19/12 17:11	1069860	17831	28.042	19.149	137.115	4.56		
9/19/12 17:26	1070760	17846	28.042	19.149	137.114	4.559		
9/19/12 17:41	1071660	17861	28.042	19.149	137.115	4.56		
9/19/12 17:56	1072560	17876	28.042	19.15	137.114	4.559		
9/19/12 18:11	1073460	17891	28.042	19.15	137.116	4.561		
9/19/12 18:26	1074360	17906	28.045	19.151	137.107	4.552		
9/19/12 18:41	1075260	17921	28.046	19.15	137.105	4.55		
9/19/12 18:56	1076160	17936	28.04	19.152	137.119	4.564		
9/19/12 19:11	1077060	17951	28.044	19.152	137.11	4.555		
9/19/12 19:26	1077960	17966	28.044	19.152	137.111	4.556		
9/19/12 19:41	1078860	17981	28.036	19.15	137.128	4.573		
9/19/12 19:56	1079760	17996	28.035	19.151	137.13	4.575		
9/19/12 20:11	1080660	18011	28.035	19.152	137.132	4.577		
9/19/12 20:26	1081560	18026	28.035	19.15	137.132	4.577		
9/19/12 20:41	1082460	18041	28.033	19.153	137.135	4.58		
9/19/12 20:56	1083360	18056	28.034	19.149	137.133	4.578		
9/19/12 21:11	1084260	18071	28.04	19.152	137.119	4.564		
9/19/12 21:26	1085160	18086	28.04	19.148	137.12	4.565		
9/19/12 21:41	1086060	18101	28.033	19.151	137.135	4.58		
9/19/12 21:56	1086960	18116	28.033	19.15	137.136	4.581		
9/19/12 22:11	1087860	18131	28.038	19.152	137.125	4.57		
9/19/12 22:26	1088760	18146	28.039	19.152	137.123	4.568		
9/19/12 22:41	1089660	18161	28.032	19.152	137.138	4.583		
9/19/12 22:56	1090560	18176	28.034	19.151	137.134	4.579		
9/19/12 23:11	1091460	18191	28.038	19.15	137.123	4.568		
9/19/12 23:26	1092360	18206	28.033	19.152	137.136	4.581		
9/19/12 23:41	1093260	18221	28.039	19.149	137.121	4.566		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 23:56	1094160	18236	28.034	19.149	137.134	4.579		
9/20/12 0:11	1095060	18251	28.033	19.15	137.136	4.581		
9/20/12 0:26	1095960	18266	28.034	19.151	137.132	4.577		
9/20/12 0:41	1096860	18281	28.034	19.15	137.133	4.578		
9/20/12 0:56	1097760	18296	28.033	19.148	137.136	4.581		
9/20/12 1:11	1098660	18311	28.03	19.152	137.142	4.587		
9/20/12 1:26	1099560	18326	28.036	19.152	137.127	4.572		
9/20/12 1:41	1100460	18341	28.033	19.152	137.135	4.58		
9/20/12 1:56	1101360	18356	28.032	19.149	137.137	4.582		
9/20/12 2:11	1102260	18371	28.031	19.15	137.14	4.585		
9/20/12 2:26	1103160	18386	28.033	19.153	137.136	4.581		
9/20/12 2:41	1104060	18401	28.037	19.148	137.127	4.572		
9/20/12 2:56	1104960	18416	28.033	19.15	137.136	4.581		
9/20/12 3:11	1105860	18431	28.031	19.149	137.141	4.586		
9/20/12 3:26	1106760	18446	28.032	19.152	137.139	4.584		
9/20/12 3:41	1107660	18461	28.029	19.15	137.144	4.589		
9/20/12 3:56	1108560	18476	28.037	19.151	137.127	4.572		
9/20/12 4:11	1109460	18491	28.032	19.153	137.139	4.584		
9/20/12 4:26	1110360	18506	28.036	19.151	137.128	4.573		
9/20/12 4:41	1111260	18521	28.031	19.149	137.141	4.586		
9/20/12 4:56	1112160	18536	28.032	19.15	137.139	4.584		
9/20/12 5:11	1113060	18551	28.037	19.147	137.126	4.571		
9/20/12 5:26	1113960	18566	28.03	19.152	137.142	4.587		
9/20/12 5:41	1114860	18581	28.03	19.15	137.143	4.588		
9/20/12 5:56	1115760	18596	28.037	19.15	137.126	4.571		
9/20/12 6:11	1116660	18611	28.03	19.15	137.141	4.586		
9/20/12 6:26	1117560	18626	28.03	19.15	137.142	4.587		
9/20/12 6:41	1118460	18641	28.028	19.149	137.146	4.591		
9/20/12 6:56	1119360	18656	28.035	19.15	137.13	4.575		
9/20/12 7:11	1120260	18671	28.028	19.152	137.147	4.592		
9/20/12 7:26	1121160	18686	28.029	19.15	137.146	4.591		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/20/12 7:41	1122060	18701	28.027	19.15	137.149	4.594		
9/20/12 7:56	1122960	18716	28.029	19.149	137.145	4.59		
9/20/12 8:11	1123860	18731	28.03	19.151	137.143	4.588		
9/20/12 8:26	1124760	18746	28.029	19.148	137.144	4.589		
9/20/12 8:41	1125660	18761	28.03	19.151	137.143	4.588		
9/20/12 8:56	1126560	18776	28.031	19.149	137.141	4.586		
9/20/12 9:11	1127460	18791	28.03	19.153	137.143	4.588		
9/20/12 9:26	1128360	18806	28.028	19.15	137.146	4.591		
9/20/12 9:41	1129260	18821	28.031	19.149	137.141	4.586		
9/20/12 9:56	1130160	18836	28.036	19.151	137.128	4.573		
9/20/12 10:11	1131060	18851	28.035	19.148	137.131	4.576		
9/20/12 10:26	1131960	18866	28.035	19.149	137.13	4.575		
9/20/12 10:41	1132860	18881	28.038	19.15	137.125	4.57		
9/20/12 10:56	1133760	18896	28.038	19.148	137.124	4.569		
9/20/12 11:11	1134660	18911	28.039	19.15	137.123	4.568		
9/20/12 11:26	1135560	18926	28.039	19.151	137.123	4.568		
9/20/12 11:41	1136460	18941	28.033	19.148	137.136	4.581		
9/20/12 11:56	1137360	18956	28.039	19.151	137.122	4.567		
9/20/12 12:11	1138260	18971	28.034	19.153	137.134	4.579		
9/20/12 12:26	1139160	18986	28.033	19.151	137.135	4.58		
9/20/12 12:41	1140060	19001	28.033	19.151	137.135	4.58		
9/20/12 12:56	1140960	19016	28.034	19.15	137.133	4.578		
9/20/12 13:11	1141860	19031	28.034	19.15	137.134	4.579		
9/20/12 13:26	1142760	19046	28.035	19.152	137.13	4.575		
9/20/12 13:41	1143660	19061	28.039	19.15	137.122	4.567		
9/20/12 13:56	1144560	19076	28.04	19.149	137.12	4.565		
9/20/12 14:11	1145460	19091	28.035	19.15	137.131	4.576		
9/20/12 14:26	1146360	19106	28.034	19.151	137.133	4.578		
9/20/12 14:41	1147260	19121	28.034	19.15	137.133	4.578		
9/20/12 14:56	1148160	19136	28.033	19.152	137.135	4.58		
9/20/12 15:11	1149060	19151	28.039	19.15	137.121	4.566		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/20/12 15:26	1149960	19166	28.033	19.149	137.135	4.58		
9/20/12 15:41	1150860	19181	28.034	19.148	137.133	4.578		
9/20/12 15:56	1151760	19196	28.032	19.152	137.139	4.584		
9/20/12 16:11	1152660	19211	28.034	19.15	137.133	4.578		
9/20/12 16:26	1153560	19226	28.035	19.149	137.132	4.577		
9/20/12 16:41	1154460	19241	28.033	19.15	137.135	4.58		
9/20/12 16:56	1155360	19256	28.038	19.149	137.123	4.568		
9/20/12 17:11	1156260	19271	28.034	19.152	137.134	4.579		
9/20/12 17:26	1157160	19286	28.032	19.149	137.137	4.582		
9/20/12 17:41	1158060	19301	28.033	19.152	137.136	4.581		
9/20/12 17:56	1158960	19316	28.036	19.149	137.129	4.574		
9/20/12 18:11	1159860	19331	28.031	19.147	137.14	4.585		
9/20/12 18:26	1160760	19346	28.03	19.15	137.142	4.587		
9/20/12 18:41	1161660	19361	28.029	19.149	137.145	4.59		
9/20/12 18:56	1162560	19376	28.036	19.15	137.129	4.574		
9/20/12 19:11	1163460	19391	28.036	19.149	137.128	4.573		
9/20/12 19:26	1164360	19406	28.029	19.149	137.144	4.589		
9/20/12 19:41	1165260	19421	28.028	19.149	137.147	4.592		
9/20/12 19:56	1166160	19436	28.028	19.149	137.147	4.592		
9/20/12 20:11	1167060	19451	28.027	19.151	137.15	4.595		
9/20/12 20:26	1167960	19466	28.024	19.149	137.155	4.6		
9/20/12 20:41	1168860	19481	28.024	19.149	137.155	4.6		
9/20/12 20:56	1169760	19496	28.031	19.149	137.139	4.584		
9/20/12 21:11	1170660	19511	28.025	19.15	137.154	4.599		
9/20/12 21:26	1171560	19526	28.03	19.15	137.142	4.587		
9/20/12 21:41	1172460	19541	28.032	19.147	137.139	4.584		
9/20/12 21:56	1173360	19556	28.03	19.149	137.143	4.588		
9/20/12 22:11	1174260	19571	28.025	19.149	137.155	4.6		
9/20/12 22:26	1175160	19586	28.025	19.148	137.154	4.599		
9/20/12 22:41	1176060	19601	28.026	19.151	137.151	4.596		
9/20/12 22:56	1176960	19616	28.026	19.149	137.151	4.596		

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MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/20/12 23:11	1177860	19631	28.025	19.149	137.153	4.598		
9/20/12 23:26	1178760	19646	28.025	19.152	137.153	4.598		
9/20/12 23:41	1179660	19661	28.025	19.148	137.153	4.598		
9/20/12 23:56	1180560	19676	28.031	19.153	137.14	4.585		
9/21/12 0:11	1181460	19691	28.024	19.152	137.155	4.6		
9/21/12 0:26	1182360	19706	28.029	19.147	137.145	4.59		
9/21/12 0:41	1183260	19721	28.024	19.151	137.156	4.601		
9/21/12 0:56	1184160	19736	28.021	19.15	137.162	4.607		
9/21/12 1:11	1185060	19751	28.022	19.149	137.161	4.606		
9/21/12 1:26	1185960	19766	28.022	19.146	137.162	4.607		
9/21/12 1:41	1186860	19781	28.021	19.15	137.163	4.608		
9/21/12 1:56	1187760	19796	28.02	19.15	137.165	4.61		
9/21/12 2:11	1188660	19811	28.022	19.151	137.161	4.606		
9/21/12 2:26	1189560	19826	28.021	19.146	137.163	4.608		
9/21/12 2:41	1190460	19841	28.021	19.147	137.164	4.609		
9/21/12 2:56	1191360	19856	28.022	19.151	137.16	4.605		
9/21/12 3:11	1192260	19871	28.028	19.148	137.147	4.592		
9/21/12 3:26	1193160	19886	28.021	19.149	137.162	4.607		
9/21/12 3:41	1194060	19901	28.022	19.148	137.162	4.607		
9/21/12 3:56	1194960	19916	28.02	19.149	137.166	4.611		
9/21/12 4:11	1195860	19931	28.021	19.147	137.164	4.609		
9/21/12 4:26	1196760	19946	28.021	19.151	137.162	4.607		
9/21/12 4:41	1197660	19961	28.022	19.148	137.162	4.607		
9/21/12 4:56	1198560	19976	28.026	19.15	137.152	4.597		
9/21/12 5:11	1199460	19991	28.024	19.151	137.157	4.602		
9/21/12 5:26	1200360	20006	28.026	19.147	137.151	4.596		
9/21/12 5:41	1201260	20021	28.021	19.151	137.163	4.608		
9/21/12 5:56	1202160	20036	28.024	19.145	137.156	4.601		
9/21/12 6:11	1203060	20051	28.025	19.148	137.154	4.599		
9/21/12 6:26	1203960	20066	28.017	19.146	137.172	4.617		
9/21/12 6:41	1204860	20081	28.025	19.15	137.154	4.599		

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MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 6:56	1205760	20096	28.018	19.149	137.17	4.615		
9/21/12 7:11	1206660	20111	28.019	19.148	137.167	4.612		
9/21/12 7:26	1207560	20126	28.019	19.149	137.168	4.613		
9/21/12 7:41	1208460	20141	28.018	19.148	137.169	4.614		
9/21/12 7:56	1209360	20156	28.018	19.148	137.169	4.614		
9/21/12 8:11	1210260	20171	28.267	19.15	136.596	4.041		End of APT 2
9/21/12 8:17		20177				3.83	136.39	
9/21/12 8:26	1211160	20186	28.547	19.149	135.948	3.393		
9/21/12 8:27		20187				3.26	135.82	
9/21/12 8:41	1212060	20201	28.703	19.153	135.589	3.034		
9/21/12 8:49		20209				2.85	135.41	
9/21/12 8:56	1212960	20216	28.786	19.157	135.396	2.841		
9/21/12 9:07		20227				2.63	135.18	
9/21/12 9:11	1213860	20231	28.847	19.162	135.256	2.701		
9/21/12 9:26	1214760	20246	28.912	19.167	135.107	2.552		
9/21/12 9:41	1215660	20261	28.949	19.176	135.02	2.465		
9/21/12 9:56	1216560	20276	28.987	19.177	134.933	2.378		
9/21/12 10:11	1217460	20291	29.024	19.182	134.847	2.292		
9/21/12 10:26	1218360	20306	29.047	19.186	134.795	2.24		
9/21/12 10:41	1219260	20321	29.074	19.189	134.731	2.176		
9/21/12 10:56	1220160	20336	29.098	19.198	134.676	2.121		
9/21/12 11:11	1221060	20351	29.125	19.197	134.614	2.059		
9/21/12 11:26	1221960	20366	29.146	19.201	134.565	2.01		
9/21/12 11:41	1222860	20381	29.166	19.207	134.52	1.965		
9/21/12 11:56	1223760	20396	29.183	19.21	134.48	1.925		
9/21/12 12:11	1224660	20411	29.198	19.212	134.446	1.891		
9/21/12 12:26	1225560	20426	29.216	19.214	134.404	1.849		
9/21/12 12:41	1226460	20441	29.23	19.216	134.372	1.817		
9/21/12 12:56	1227360	20456	29.245	19.221	134.337	1.782		
9/21/12 13:11	1228260	20471	29.257	19.221	134.31	1.755		
9/21/12 13:26	1229160	20486	29.27	19.224	134.279	1.724		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 13:41	1230060	20501	29.283	19.226	134.25	1.695		
9/21/12 13:56	1230960	20516	29.294	19.228	134.223	1.668		
9/21/12 14:11	1231860	20531	29.304	19.229	134.202	1.647		
9/21/12 14:26	1232760	20546	29.315	19.236	134.174	1.619		
9/21/12 14:41	1233660	20561	29.323	19.232	134.156	1.601		
9/21/12 14:56	1234560	20576	29.339	19.237	134.119	1.564		
9/21/12 15:11	1235460	20591	29.343	19.238	134.111	1.556		
9/21/12 15:26	1236360	20606	29.352	19.237	134.091	1.536		
9/21/12 15:41	1237260	20621	29.359	19.242	134.074	1.519		
9/21/12 15:56	1238160	20636	29.374	19.243	134.039	1.484		
9/21/12 16:11	1239060	20651	29.382	19.244	134.021	1.466		
9/21/12 16:26	1239960	20666	29.391	19.245	134	1.445		
9/21/12 16:41	1240860	20681	29.392	19.244	133.997	1.442		
9/21/12 16:56	1241760	20696	29.399	19.249	133.981	1.426		
9/21/12 17:11	1242660	20711	29.406	19.249	133.965	1.41		
9/21/12 17:26	1243560	20726	29.414	19.253	133.947	1.392		
9/21/12 17:41	1244460	20741	29.42	19.253	133.934	1.379		
9/21/12 17:56	1245360	20756	29.427	19.252	133.918	1.363		
9/21/12 18:11	1246260	20771	29.431	19.254	133.907	1.352		
9/21/12 18:26	1247160	20786	29.438	19.254	133.891	1.336		
9/21/12 18:41	1248060	20801	29.45	19.257	133.864	1.309		
9/21/12 18:56	1248960	20816	29.451	19.257	133.861	1.306		
9/21/12 19:11	1249860	20831	29.455	19.256	133.851	1.296		
9/21/12 19:26	1250760	20846	29.468	19.258	133.822	1.267		
9/21/12 19:41	1251660	20861	29.466	19.26	133.827	1.272		
9/21/12 19:56	1252560	20876	29.475	19.26	133.806	1.251		
9/21/12 20:11	1253460	20891	29.48	19.259	133.794	1.239		
9/21/12 20:26	1254360	20906	29.486	19.262	133.78	1.225		
9/21/12 20:41	1255260	20921	29.488	19.264	133.775	1.22		
9/21/12 20:56	1256160	20936	29.489	19.262	133.773	1.218		
9/21/12 21:11	1257060	20951	29.5	19.265	133.749	1.194		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 21:26	1257960	20966	29.498	19.266	133.752	1.197		
9/21/12 21:41	1258860	20981	29.508	19.268	133.729	1.174		
9/21/12 21:56	1259760	20996	29.514	19.266	133.715	1.16		
9/21/12 22:11	1260660	21011	29.516	19.269	133.711	1.156		
9/21/12 22:26	1261560	21026	29.518	19.27	133.707	1.152		
9/21/12 22:41	1262460	21041	29.522	19.271	133.698	1.143		
9/21/12 22:56	1263360	21056	29.532	19.272	133.673	1.118		
9/21/12 23:11	1264260	21071	29.532	19.273	133.675	1.12		
9/21/12 23:26	1265160	21086	29.542	19.272	133.652	1.097		
9/21/12 23:41	1266060	21101	29.539	19.273	133.657	1.102		
9/21/12 23:56	1266960	21116	29.549	19.273	133.634	1.079		
9/22/12 0:11	1267860	21131	29.552	19.274	133.628	1.073		
9/22/12 0:26	1268760	21146	29.557	19.276	133.617	1.062		
9/22/12 0:41	1269660	21161	29.562	19.276	133.604	1.049		
9/22/12 0:56	1270560	21176	29.564	19.276	133.601	1.046		
9/22/12 1:11	1271460	21191	29.559	19.281	133.611	1.056		
9/22/12 1:26	1272360	21206	29.563	19.275	133.603	1.048		
9/22/12 1:41	1273260	21221	29.573	19.279	133.579	1.024		
9/22/12 1:56	1274160	21236	29.571	19.281	133.584	1.029		
9/22/12 2:11	1275060	21251	29.576	19.281	133.573	1.018		
9/22/12 2:26	1275960	21266	29.579	19.282	133.565	1.01		
9/22/12 2:41	1276860	21281	29.583	19.282	133.556	1.001		
9/22/12 2:56	1277760	21296	29.593	19.283	133.534	0.979		
9/22/12 3:11	1278660	21311	29.593	19.282	133.533	0.978		
9/22/12 3:26	1279560	21326	29.597	19.282	133.525	0.97		
9/22/12 3:41	1280460	21341	29.601	19.285	133.516	0.961		
9/22/12 3:56	1281360	21356	29.605	19.285	133.507	0.952		
9/22/12 4:11	1282260	21371	29.606	19.285	133.505	0.95		
9/22/12 4:26	1283160	21386	29.608	19.285	133.499	0.944		
9/22/12 4:41	1284060	21401	29.611	19.288	133.493	0.938		
9/22/12 4:56	1284960	21416	29.615	19.288	133.483	0.928		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 5:11	1285860	21431	29.616	19.287	133.48	0.925		
9/22/12 5:26	1286760	21446	29.621	19.288	133.47	0.915		
9/22/12 5:41	1287660	21461	29.624	19.289	133.462	0.907		
9/22/12 5:56	1288560	21476	29.626	19.288	133.457	0.902		
9/22/12 6:11	1289460	21491	29.626	19.289	133.457	0.902		
9/22/12 6:26	1290360	21506	29.622	19.288	133.466	0.911		
9/22/12 6:41	1291260	21521	29.632	19.291	133.444	0.889		
9/22/12 6:56	1292160	21536	29.634	19.289	133.438	0.883		
9/22/12 7:11	1293060	21551	29.637	19.29	133.433	0.878		
9/22/12 7:26	1293960	21566	29.641	19.292	133.424	0.869		
9/22/12 7:41	1294860	21581	29.637	19.292	133.431	0.876		
9/22/12 7:56	1295760	21596	29.644	19.291	133.416	0.861		
9/22/12 8:11	1296660	21611	29.647	19.291	133.41	0.855		
9/22/12 8:26	1297560	21626	29.65	19.294	133.402	0.847		
9/22/12 8:41	1298460	21641	29.652	19.296	133.397	0.842		
9/22/12 8:56	1299360	21656	29.654	19.295	133.392	0.837		
9/22/12 9:11	1300260	21671	29.658	19.292	133.383	0.828		
9/22/12 9:26	1301160	21686	29.659	19.295	133.38	0.825		
9/22/12 9:41	1302060	21701	29.662	19.296	133.374	0.819		
9/22/12 9:56	1302960	21716	29.666	19.294	133.364	0.809		
9/22/12 10:11	1303860	21731	29.668	19.298	133.36	0.805		
9/22/12 10:26	1304760	21746	29.671	19.298	133.353	0.798		
9/22/12 10:41	1305660	21761	29.676	19.298	133.341	0.786		
9/22/12 10:56	1306560	21776	29.677	19.296	133.339	0.784		
9/22/12 11:11	1307460	21791	29.682	19.298	133.328	0.773		
9/22/12 11:26	1308360	21806	29.683	19.298	133.325	0.77		
9/22/12 11:41	1309260	21821	29.686	19.3	133.319	0.764		
9/22/12 11:56	1310160	21836	29.688	19.301	133.313	0.758		
9/22/12 12:11	1311060	21851	29.689	19.299	133.311	0.756		
9/22/12 12:26	1311960	21866	29.697	19.301	133.292	0.737		
9/22/12 12:41	1312860	21881	29.696	19.303	133.295	0.74		

Table F-4

MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 12:56	1313760	21896	29.697	19.302	133.293	0.738		
9/22/12 13:11	1314660	21911	29.7	19.302	133.287	0.732		
9/22/12 13:26	1315560	21926	29.701	19.302	133.284	0.729		
9/22/12 13:41	1316460	21941	29.704	19.303	133.278	0.723		
9/22/12 13:56	1317360	21956	29.707	19.306	133.27	0.715		
9/22/12 14:11	1318260	21971	29.708	19.301	133.268	0.713		
9/22/12 14:26	1319160	21986	29.709	19.304	133.265	0.71		
9/22/12 14:41	1320060	22001	29.711	19.306	133.262	0.707		
9/22/12 14:56	1320960	22016	29.715	19.303	133.252	0.697		
9/22/12 15:11	1321860	22031	29.715	19.306	133.253	0.698		
9/22/12 15:26	1322760	22046	29.717	19.304	133.247	0.692		
9/22/12 15:41	1323660	22061	29.72	19.305	133.241	0.686		
9/22/12 15:56	1324560	22076	29.718	19.308	133.245	0.69		
9/22/12 16:11	1325460	22091	29.721	19.306	133.237	0.682		
9/22/12 16:26	1326360	22106	29.72	19.308	133.24	0.685		
9/22/12 16:41	1327260	22121	29.723	19.308	133.234	0.679		
9/22/12 16:56	1328160	22136	29.733	19.307	133.211	0.656		
9/22/12 17:11	1329060	22151	29.727	19.308	133.224	0.669		
9/22/12 17:26	1329960	22166	29.729	19.308	133.22	0.665		
9/22/12 17:41	1330860	22181	29.73	19.31	133.216	0.661		
9/22/12 17:56	1331760	22196	29.731	19.312	133.215	0.66		
9/22/12 18:11	1332660	22211	29.732	19.31	133.213	0.658		
9/22/12 18:26	1333560	22226	29.734	19.312	133.208	0.653		
9/22/12 18:41	1334460	22241	29.735	19.312	133.206	0.651		
9/22/12 18:56	1335360	22256	29.736	19.311	133.203	0.648		
9/22/12 19:11	1336260	22271	29.737	19.312	133.2	0.645		
9/22/12 19:26	1337160	22286	29.741	19.31	133.193	0.638		
9/22/12 19:41	1338060	22301	29.739	19.314	133.195	0.64		
9/22/12 19:56	1338960	22316	29.739	19.313	133.195	0.64		
9/22/12 20:11	1339860	22331	29.739	19.315	133.196	0.641		
9/22/12 20:26	1340760	22346	29.741	19.309	133.192	0.637		

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MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 20:41	1341660	22361	29.743	19.314	133.187	0.632		
9/22/12 20:56	1342560	22376	29.745	19.314	133.182	0.627		
9/22/12 21:11	1343460	22391	29.746	19.316	133.18	0.625		
9/22/12 21:26	1344360	22406	29.747	19.313	133.179	0.624		
9/22/12 21:41	1345260	22421	29.749	19.316	133.174	0.619		
9/22/12 21:56	1346160	22436	29.75	19.317	133.171	0.616		
9/22/12 22:11	1347060	22451	29.752	19.313	133.166	0.611		
9/22/12 22:26	1347960	22466	29.755	19.316	133.159	0.604		
9/22/12 22:41	1348860	22481	29.755	19.316	133.159	0.604		
9/22/12 22:56	1349760	22496	29.757	19.315	133.155	0.6		
9/22/12 23:11	1350660	22511	29.753	19.316	133.163	0.608		
9/22/12 23:26	1351560	22526	29.759	19.316	133.15	0.595		
9/22/12 23:41	1352460	22541	29.76	19.317	133.148	0.593		
9/22/12 23:56	1353360	22556	29.762	19.318	133.143	0.588		
9/23/12 0:11	1354260	22571	29.763	19.317	133.142	0.587		
9/23/12 0:26	1355160	22586	29.764	19.319	133.14	0.585		
9/23/12 0:41	1356060	22601	29.765	19.317	133.136	0.581		
9/23/12 0:56	1356960	22616	29.774	19.318	133.116	0.561		
9/23/12 1:11	1357860	22631	29.767	19.318	133.132	0.577		
9/23/12 1:26	1358760	22646	29.768	19.321	133.13	0.575		
9/23/12 1:41	1359660	22661	29.768	19.319	133.129	0.574		
9/23/12 1:56	1360560	22676	29.771	19.321	133.123	0.568		
9/23/12 2:11	1361460	22691	29.77	19.321	133.125	0.57		
9/23/12 2:26	1362360	22706	29.773	19.321	133.119	0.564		
9/23/12 2:41	1363260	22721	29.773	19.321	133.118	0.563		
9/23/12 2:56	1364160	22736	29.776	19.32	133.111	0.556		
9/23/12 3:11	1365060	22751	29.778	19.322	133.107	0.552		
9/23/12 3:26	1365960	22766	29.778	19.323	133.106	0.551		
9/23/12 3:41	1366860	22781	29.779	19.32	133.103	0.548		
9/23/12 3:56	1367760	22796	29.779	19.319	133.103	0.548		
9/23/12 4:11	1368660	22811	29.782	19.322	133.097	0.542		

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MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 4:26	1369560	22826	29.787	19.323	133.084	0.529		
9/23/12 4:41	1370460	22841	29.78	19.323	133.101	0.546		
9/23/12 4:56	1371360	22856	29.788	19.323	133.082	0.527		
9/23/12 5:11	1372260	22871	29.784	19.322	133.093	0.538		
9/23/12 5:26	1373160	22886	29.791	19.324	133.077	0.522		
9/23/12 5:41	1374060	22901	29.783	19.323	133.095	0.54		
9/23/12 5:56	1374960	22916	29.785	19.324	133.091	0.536		
9/23/12 6:11	1375860	22931	29.787	19.322	133.086	0.531		
9/23/12 6:26	1376760	22946	29.786	19.326	133.088	0.533		
9/23/12 6:41	1377660	22961	29.786	19.325	133.087	0.532		
9/23/12 6:56	1378560	22976	29.789	19.325	133.082	0.527		
9/23/12 7:11	1379460	22991	29.788	19.327	133.082	0.527		
9/23/12 7:26	1380360	23006	29.788	19.325	133.084	0.529		
9/23/12 7:41	1381260	23021	29.789	19.326	133.081	0.526		
9/23/12 7:56	1382160	23036	29.789	19.325	133.08	0.525		
9/23/12 8:11	1383060	23051	29.79	19.325	133.079	0.524		
9/23/12 8:26	1383960	23066	29.793	19.327	133.071	0.516		
9/23/12 8:41	1384860	23081	29.795	19.327	133.066	0.511		
9/23/12 8:56	1385760	23096	29.796	19.326	133.065	0.51		
9/23/12 9:11	1386660	23111	29.797	19.327	133.063	0.508		
9/23/12 9:26	1387560	23126	29.798	19.327	133.059	0.504		
9/23/12 9:41	1388460	23141	29.804	19.329	133.046	0.491		
9/23/12 9:56	1389360	23156	29.801	19.328	133.053	0.498		
9/23/12 10:11	1390260	23171	29.802	19.327	133.052	0.497		
9/23/12 10:26	1391160	23186	29.802	19.329	133.051	0.496		
9/23/12 10:41	1392060	23201	29.804	19.326	133.046	0.491		
9/23/12 10:56	1392960	23216	29.805	19.328	133.044	0.489		
9/23/12 11:11	1393860	23231	29.808	19.328	133.037	0.482		
9/23/12 11:26	1394760	23246	29.811	19.331	133.03	0.475		
9/23/12 11:41	1395660	23261	29.811	19.332	133.029	0.474		
9/23/12 11:56	1396560	23276	29.811	19.329	133.03	0.475		

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MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 12:11	1397460	23291	29.814	19.332	133.023	0.468		
9/23/12 12:26	1398360	23306	29.814	19.331	133.023	0.468		
9/23/12 12:41	1399260	23321	29.818	19.328	133.014	0.459		
9/23/12 12:56	1400160	23336	29.819	19.332	133.011	0.456		
9/23/12 13:11	1401060	23351	29.82	19.331	133.009	0.454		
9/23/12 13:26	1401960	23366	29.821	19.333	133.008	0.453		
9/23/12 13:41	1402860	23381	29.822	19.33	133.005	0.45		
9/23/12 13:56	1403760	23396	29.822	19.332	133.004	0.449		
9/23/12 14:11	1404660	23411	29.825	19.332	132.998	0.443		
9/23/12 14:26	1405560	23426	29.833	19.332	132.98	0.425		
9/23/12 14:41	1406460	23441	29.828	19.331	132.991	0.436		
9/23/12 14:56	1407360	23456	29.829	19.332	132.988	0.433		
9/23/12 15:11	1408260	23471	29.828	19.331	132.99	0.435		
9/23/12 15:26	1409160	23486	29.829	19.332	132.988	0.433		
9/23/12 15:41	1410060	23501	29.833	19.333	132.978	0.423		
9/23/12 15:56	1410960	23516	29.833	19.333	132.979	0.424		
9/23/12 16:11	1411860	23531	29.833	19.336	132.979	0.424		
9/23/12 16:26	1412760	23546	29.833	19.336	132.979	0.424		
9/23/12 16:41	1413660	23561	29.839	19.333	132.964	0.409		
9/23/12 16:56	1414560	23576	29.834	19.331	132.976	0.421		
9/23/12 17:11	1415460	23591	29.835	19.332	132.974	0.419		
9/23/12 17:26	1416360	23606	29.835	19.334	132.976	0.421		
9/23/12 17:41	1417260	23621	29.843	19.335	132.957	0.402		
9/23/12 17:56	1418160	23636	29.837	19.336	132.971	0.416		
9/23/12 18:11	1419060	23651	29.842	19.336	132.959	0.404		
9/23/12 18:26	1419960	23666	29.836	19.335	132.973	0.418		
9/23/12 18:41	1420860	23681	29.837	19.336	132.971	0.416		
9/23/12 18:56	1421760	23696	29.837	19.335	132.971	0.416		
9/23/12 19:11	1422660	23711	29.837	19.337	132.97	0.415		
9/23/12 19:26	1423560	23726	29.842	19.336	132.959	0.404		
9/23/12 19:41	1424460	23741	29.844	19.336	132.955	0.4		

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MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 19:56	1425360	23756	29.842	19.336	132.958	0.403		
9/23/12 20:11	1426260	23771	29.837	19.338	132.971	0.416		
9/23/12 20:26	1427160	23786	29.842	19.337	132.958	0.403		
9/23/12 20:41	1428060	23801	29.843	19.337	132.957	0.402		
9/23/12 20:56	1428960	23816	29.843	19.336	132.956	0.401		
9/23/12 21:11	1429860	23831	29.84	19.335	132.964	0.409		
9/23/12 21:26	1430760	23846	29.846	19.337	132.95	0.395		
9/23/12 21:41	1431660	23861	29.847	19.339	132.947	0.392		
9/23/12 21:56	1432560	23876	29.842	19.339	132.959	0.404		
9/23/12 22:11	1433460	23891	29.849	19.337	132.943	0.388		
9/23/12 22:26	1434360	23906	29.842	19.338	132.958	0.403		
9/23/12 22:41	1435260	23921	29.844	19.338	132.955	0.4		
9/23/12 22:56	1436160	23936	29.851	19.341	132.938	0.383		
9/23/12 23:11	1437060	23951	29.845	19.343	132.951	0.396		
9/23/12 23:26	1437960	23966	29.852	19.336	132.936	0.381		
9/23/12 23:41	1438860	23981	29.847	19.343	132.947	0.392		
9/23/12 23:56	1439760	23996	29.854	19.339	132.93	0.375		
9/24/12 0:11	1440660	24011	29.849	19.34	132.943	0.388		
9/24/12 0:26	1441560	24026	29.849	19.339	132.942	0.387		
9/24/12 0:41	1442460	24041	29.85	19.342	132.94	0.385		
9/24/12 0:56	1443360	24056	29.857	19.338	132.923	0.368		
9/24/12 1:11	1444260	24071	29.851	19.343	132.938	0.383		
9/24/12 1:26	1445160	24086	29.858	19.343	132.922	0.367		
9/24/12 1:41	1446060	24101	29.852	19.343	132.936	0.381		
9/24/12 1:56	1446960	24116	29.854	19.343	132.932	0.377		
9/24/12 2:11	1447860	24131	29.854	19.343	132.932	0.377		
9/24/12 2:26	1448760	24146	29.857	19.342	132.925	0.37		
9/24/12 2:41	1449660	24161	29.856	19.342	132.927	0.372		
9/24/12 2:56	1450560	24176	29.858	19.344	132.923	0.368		
9/24/12 3:11	1451460	24191	29.861	19.342	132.915	0.36		
9/24/12 3:26	1452360	24206	29.865	19.342	132.905	0.35		

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MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/24/12 3:41	1453260	24221	29.86	19.341	132.918	0.363		
9/24/12 3:56	1454160	24236	29.864	19.344	132.908	0.353		
9/24/12 4:11	1455060	24251	29.866	19.344	132.903	0.348		
9/24/12 4:26	1455960	24266	29.857	19.342	132.923	0.368		
9/24/12 4:41	1456860	24281	29.866	19.343	132.903	0.348		
9/24/12 4:56	1457760	24296	29.858	19.342	132.922	0.367		
9/24/12 5:11	1458660	24311	29.86	19.342	132.917	0.362		
9/24/12 5:26	1459560	24326	29.862	19.346	132.913	0.358		
9/24/12 5:41	1460460	24341	29.867	19.347	132.901	0.346		
9/24/12 5:56	1461360	24356	29.864	19.346	132.909	0.354		
9/24/12 6:11	1462260	24371	29.865	19.346	132.906	0.351		
9/24/12 6:26	1463160	24386	29.864	19.344	132.907	0.352		
9/24/12 6:41	1464060	24401	29.862	19.348	132.912	0.357		
9/24/12 6:56	1464960	24416	29.87	19.343	132.894	0.339		
9/24/12 7:11	1465860	24431	29.864	19.347	132.909	0.354		
9/24/12 7:26	1466760	24446	29.87	19.344	132.894	0.339		

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MW-5 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/24/12 7:41	1467660	24461	29.872	19.347	132.889	0.334		
9/24/12 7:56	1468560	24476	29.863	19.345	132.91	0.355		
9/24/12 8:11	1469460	24491	29.864	19.344	132.908	0.353		
9/24/12 8:26	1470360	24506	29.872	19.345	132.888	0.333		
9/24/12 8:41	1471260	24521	29.87	19.346	132.893	0.338		
9/24/12 8:56	1472160	24536	29.871	19.347	132.89	0.335		
9/24/12 9:11	1473060	24551	29.868	19.345	132.899	0.344		
9/24/12 9:26	1473960	24566	29.873	19.346	132.887	0.332		
9/24/12 9:41	1474860	24581	29.868	19.349	132.898	0.343		
9/24/12 9:56	1475760	24596	29.868	19.347	132.898	0.343		
9/24/12 10:11	1476660	24611	29.869	19.348	132.896	0.341		
9/24/12 10:26	1477560	24626	29.871	19.348	132.891	0.336		
9/24/12 10:41	1478460	24641	29.872	19.349	132.889	0.334		
9/24/12 10:56	1479360	24656	29.879	19.347	132.873	0.318		
9/24/12 11:11	1480260	24671	29.883	19.346	132.864	0.309		
9/24/12 11:26	1481160	24686	29.879	19.351	132.874	0.319		
9/24/12 11:41	1482060	24701	29.886	19.348	132.856	0.301		
9/24/12 11:56	1482960	24716	29.887	19.348	132.855	0.3		
9/24/12 12:11	1483860	24731	29.888	19.347	132.852	0.297		
9/24/12 12:26	1484760	24746	29.889	19.349	132.851	0.296		
9/24/12 12:41	1485660	24761	29.89	19.347	132.849	0.294		
9/24/12 12:56	1486560	24776	29.884	19.35	132.861	0.306		
9/24/12 13:11	1487460	24791	29.889	19.347	132.849	0.294		
9/24/12 13:26	1488360	24806	29.896	19.35	132.834	0.279		
9/24/12 13:41	1489260	24821	29.892	19.351	132.842	0.287		
9/24/12 13:56	1490160	24836	29.885	19.349	132.86	0.305		
9/24/12 14:11	1491060	24851	29.877	19.349	132.878	0.323		
9/24/12 14:26	1491960	24866	29.877	19.35	132.878	0.323		

Notes:

PSI: Pounds per square inch

ft btoc: feet below top of casing

C: Degrees Celcius

gpm: gallons per minute

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
7/18/12 18:00	86400		30.542	19.249	132.373	0.17		
7/19/12 18:00	172800		30.574	19.252	132.299	0.096		
7/20/12 18:00	259200		30.588	19.263	132.266	0.063		
7/21/12 18:00	345600		30.596	19.261	132.248	0.045		
7/22/12 18:00	432000		30.6	19.261	132.238	0.035		
7/23/12 18:00	518400		30.608	19.266	132.219	0.016		
7/24/12 18:00	604800		30.605	19.267	132.228	0.025		
7/25/12 18:00	691200		30.604	19.263	132.229	0.026		
7/26/12 18:00	777600		30.605	19.265	132.226	0.023		
7/27/12 18:00	864000		30.599	19.267	132.241	0.038		
7/28/12 18:00	950400		30.603	19.265	132.231	0.028		
7/29/12 18:00	1036800		30.603	19.267	132.232	0.029		
7/30/12 18:00	1123200		30.601	19.264	132.235	0.032		
7/31/12 18:00	1209600		30.605	19.267	132.228	0.025		
8/1/12 18:00	1296000		30.607	19.264	132.223	0.02		
8/2/12 18:00	1382400		30.613	19.266	132.209	0.006		
8/3/12 18:00	1468800		30.61	19.266	132.216	0.013		
8/4/12 18:00	1555200		30.606	19.267	132.225	0.022		
8/5/12 18:00	1641600		30.605	19.266	132.228	0.025		
8/6/12 18:00	1728000		30.606	19.268	132.225	0.022		
8/7/12 18:00	1814400		30.609	19.27	132.218	0.015		
8/8/12 18:00	1900800		30.606	19.268	132.224	0.021		
8/9/12 18:00	1987200		30.614	19.271	132.206	0.003		
8/10/12 18:00	2073600		30.613	19.269	132.209	0.006		
8/11/12 18:00	2160000		30.607	19.272	132.222	0.019		
8/12/12 18:00	2246400		30.609	19.269	132.217	0.014		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/13/12 18:00	2332800		30.606	19.27	132.224	0.021		
8/14/12 18:00	2419200		30.616	19.272	132.201	-0.002		
8/15/12 18:00	2505600		30.636	19.274	132.156	-0.047		
8/16/12 18:00	2592000		30.627	19.275	132.177	-0.026		
8/17/12 18:00	2678400		30.64	19.276	132.147	-0.056		
8/18/12 18:00	2764800		30.627	19.275	132.176	-0.027		
8/19/12 18:00	2851200		30.625	19.274	132.181	-0.022		
8/20/12 18:00	2937600		30.632	19.277	132.164	-0.039		
8/21/12 18:00	3024000		30.619	19.276	132.194	-0.009		
8/22/12 18:00	3110400		30.599	19.277	132.241	0.038		
8/23/12 10:13	0		30.603	19.295	132.218	0.015		Start of Development
8/23/12 11:13	3600.001		30.605	19.278	132.215	0.012		
8/23/12 12:13	7200.001		30.611	19.278	132.2	-0.003		
8/23/12 13:13	10800.001		30.61	19.279	132.203	0		
8/23/12 14:13	14400.001		30.524	19.277	132.402	0.199		
8/23/12 15:13	18000.001		30.299	19.274	132.921	0.718		
8/23/12 16:13	21600.001		30.227	19.256	133.088	0.885		
8/23/12 17:13	25200.001		30.429	19.245	132.621	0.418		
8/23/12 18:13	28800.001		30.485	19.246	132.491	0.288		
8/23/12 19:13	32400.001		30.513	19.249	132.427	0.224		
8/23/12 20:13	36000.001		30.527	19.255	132.395	0.192		
8/23/12 21:13	39600.001		30.542	19.255	132.359	0.156		
8/23/12 22:13	43200.001		30.549	19.261	132.345	0.142		
8/23/12 23:13	46800.001		30.552	19.259	132.337	0.134		
8/24/12 0:13	50400.001		30.558	19.261	132.323	0.12		
8/24/12 1:13	54000.001		30.566	19.263	132.305	0.102		
8/24/12 2:13	57600.001		30.563	19.263	132.312	0.109		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/24/12 3:13	61200.001		30.573	19.263	132.289	0.086		
8/24/12 4:13	64800.001		30.575	19.264	132.284	0.081		
8/24/12 5:13	68400.001		30.575	19.267	132.283	0.08		
8/24/12 6:13	72000.001		30.573	19.267	132.288	0.085		
8/24/12 7:13	75600.001		30.571	19.27	132.292	0.089		
8/24/12 8:13	79200.001		30.574	19.27	132.286	0.083		
8/24/12 9:13	82800.001		30.56	19.268	132.319	0.116		
8/24/12 9:40							132.06	
8/24/12 10:13	86400.001		30.575	19.271	132.283	0.08		
8/24/12 11:13	90000.001		30.581	19.271	132.27	0.067		
8/24/12 12:13	93600.001		30.578	19.294	132.276	0.073		
8/27/12 12:40							132.10	
8/28/12 9:00							132.10	
8/28/12 16:50							132.25	
8/28/12 17:19	0		30.367	19.214	132.222	0.019		
8/28/12 18:19	3600.001		30.378	19.206	132.196	-0.007		
8/28/12 19:19	7200.001		30.383	19.207	132.184	-0.019		
8/28/12 20:19	10800.001		30.389	19.209	132.171	-0.032		
8/28/12 21:19	14400.001		30.391	19.21	132.165	-0.038		
8/28/12 22:19	18000.001		30.396	19.209	132.154	-0.049		
8/28/12 23:19	21600.001		30.401	19.211	132.143	-0.06		
8/29/12 0:19	25200.001		30.403	19.211	132.137	-0.066		
8/29/12 1:19	28800.001		30.409	19.211	132.125	-0.078		
8/29/12 2:19	32400.001		30.412	19.212	132.117	-0.086		
8/29/12 3:19	36000.001		30.415	19.212	132.111	-0.092		
8/29/12 4:19	39600.001		30.416	19.215	132.107	-0.096		
8/29/12 5:19	43200.001		30.417	19.217	132.106	-0.097		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/29/12 6:19	46800.001		30.416	19.213	132.107	-0.096		
8/29/12 7:19	50400.001		30.418	19.218	132.103	-0.1		
8/29/12 8:19	54000.001		30.417	19.217	132.104	-0.099		
8/29/12 9:10							132.12	
8/29/12 9:19	57600.001		30.42	19.217	132.098	-0.105		
8/29/12 10:19	61200.001		30.467	19.218	131.99	-0.213		
8/29/12 11:19	64800.001		30.492	19.221	131.932	-0.271		
8/29/12 12:19	68400.001		30.479	19.219	131.962	-0.241		
8/29/12 13:19	72000.001		30.49	19.222	131.936	-0.267		
8/29/12 14:19	75600.001		30.375	19.219	132.202	-0.001		
8/29/12 15:19	79200.001		30.398	19.22	132.15	-0.053		
8/29/12 16:19	82800.001		30.424	19.218	132.09	-0.113		
8/29/12 16:30							132.12	
8/29/12 17:19	86400.001		30.359	19.218	132.239	0.036		
8/29/12 18:19	90000.001		30.409	19.217	132.123	-0.08		
8/29/12 19:19	93600.001		30.411	19.219	132.119	-0.084		
8/29/12 20:19	97200.001		30.411	19.217	132.119	-0.084		
8/29/12 21:19	100800.001		30.42	19.221	132.1	-0.103		
8/29/12 22:19	104400.001		30.417	19.221	132.106	-0.097		
8/29/12 23:19	108000.001		30.426	19.22	132.084	-0.119		
8/30/12 0:19	111600.001		30.43	19.218	132.076	-0.127		
8/30/12 1:19	115200.001		30.427	19.222	132.082	-0.121		
8/30/12 2:19	118800.001		30.429	19.219	132.077	-0.126		
8/30/12 3:19	122400.001		30.43	19.222	132.076	-0.127		
8/30/12 4:19	126000.001		30.431	19.217	132.074	-0.129		
8/30/12 5:19	129600.001		30.429	19.218	132.078	-0.125		
8/30/12 6:19	133200.001		30.428	19.221	132.081	-0.122		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/30/12 7:19	136800.001		30.429	19.222	132.079	-0.124		
8/30/12 8:19	140400.001		30.428	19.22	132.08	-0.123		
8/30/12 8:30							132.18	
8/30/12 9:19	144000.001		30.381	19.221	132.189	-0.014		
8/30/12 10:19	147600.001		30.369	19.219	132.216	0.013		
8/30/12 11:19	151200.001		30.358	19.219	132.241	0.038		
8/30/12 12:19	154800.001		30.333	19.215	132.299	0.096		
8/30/12 13:19	158400.001		30.334	19.215	132.298	0.095		
8/30/12 14:19	162000.001		30.323	19.213	132.323	0.12		
8/30/12 15:19	165600.001		30.325	19.21	132.319	0.116		
8/30/12 16:19	169200.001		30.217	19.207	132.568	0.365		
8/30/12 17:19	172800.001		30.314	19.204	132.342	0.139		
8/30/12 18:19	176400.001		30.356	19.205	132.246	0.043		
8/30/12 19:19	180000.001		30.375	19.207	132.203	0		
8/30/12 20:19	183600.001		30.388	19.211	132.173	-0.03		
8/30/12 21:19	187200.001		30.39	19.209	132.167	-0.036		
8/30/12 22:19	190800.001		30.395	19.211	132.156	-0.047		
8/30/12 23:19	194400.001		30.402	19.211	132.14	-0.063		
8/31/12 0:19	198000.001		30.399	19.211	132.146	-0.057		
8/31/12 1:19	201600.001		30.405	19.212	132.134	-0.069		
8/31/12 2:19	205200.001		30.41	19.214	132.122	-0.081		
8/31/12 3:19	208800.001		30.416	19.213	132.108	-0.095		
8/31/12 4:19	212400.001		30.411	19.214	132.119	-0.084		
8/31/12 5:19	216000.001		30.415	19.214	132.111	-0.092		
8/31/12 6:19	219600.001		30.412	19.214	132.116	-0.087		
8/31/12 7:19	223200.001		30.413	19.214	132.115	-0.088		
8/31/12 8:19	226800.001		30.41	19.216	132.121	-0.082		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/31/12 9:19	230400.001		30.413	19.214	132.115	-0.088		
8/31/12 10:19	234000.001		30.415	19.217	132.111	-0.092		
8/31/12 11:19	237600.001		30.417	19.213	132.104	-0.099		
8/31/12 12:19	241200.001		30.423	19.217	132.092	-0.111		
8/31/12 13:19	244800.001		30.425	19.218	132.087	-0.116		
8/31/12 14:19	248400.001		30.426	19.218	132.085	-0.118		
8/31/12 15:19	252000.001		30.436	19.219	132.062	-0.141		
8/31/12 16:19	255600.001		30.433	19.218	132.07	-0.133		
8/31/12 17:19	259200.001		30.439	19.217	132.056	-0.147		
8/31/12 18:19	262800.001		30.431	19.22	132.073	-0.13		
8/31/12 19:19	266400.001		30.429	19.218	132.079	-0.124		
8/31/12 20:19	270000.001		30.424	19.217	132.09	-0.113		
8/31/12 21:19	273600.001		30.425	19.219	132.088	-0.115		
8/31/12 22:19	277200.001		30.429	19.219	132.078	-0.125		
8/31/12 23:19	280800.001		30.424	19.22	132.09	-0.113		
9/1/12 0:19	284400.001		30.426	19.217	132.084	-0.119		
9/1/12 1:19	288000.001		30.426	19.222	132.085	-0.118		
9/1/12 2:19	291600.001		30.43	19.219	132.076	-0.127		
9/1/12 3:19	295200.001		30.429	19.221	132.079	-0.124		
9/1/12 4:19	298800.001		30.435	19.221	132.064	-0.139		
9/1/12 5:19	302400.001		30.43	19.218	132.075	-0.128		
9/1/12 6:19	306000.001		30.425	19.218	132.087	-0.116		
9/1/12 7:19	309600.001		30.427	19.219	132.083	-0.12		
9/1/12 8:19	313200.001		30.426	19.219	132.084	-0.119		
9/1/12 9:19	316800.001		30.429	19.222	132.079	-0.124		
9/1/12 10:19	320400.001		30.428	19.22	132.08	-0.123		
9/1/12 11:19	324000.001		30.43	19.219	132.075	-0.128		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/1/12 12:19	327600.001		30.431	19.22	132.073	-0.13		
9/1/12 13:19	331200.001		30.433	19.219	132.068	-0.135		
9/1/12 14:19	334800.001		30.435	19.22	132.065	-0.138		
9/1/12 15:19	338400.001		30.439	19.222	132.055	-0.148		
9/1/12 16:19	342000.001		30.437	19.222	132.059	-0.144		
9/1/12 17:19	345600.001		30.436	19.22	132.062	-0.141		
9/1/12 18:19	349200.001		30.438	19.222	132.058	-0.145		
9/1/12 19:19	352800.001		30.435	19.221	132.064	-0.139		
9/1/12 20:19	356400.001		30.432	19.221	132.071	-0.132		
9/1/12 21:19	360000.001		30.432	19.222	132.07	-0.133		
9/1/12 22:19	363600.001		30.431	19.221	132.073	-0.13		
9/1/12 23:19	367200.001		30.432	19.222	132.072	-0.131		
9/2/12 0:19	370800.001		30.432	19.222	132.07	-0.133		
9/2/12 1:19	374400.001		30.432	19.22	132.07	-0.133		
9/2/12 2:19	378000.001		30.435	19.222	132.064	-0.139		
9/2/12 3:19	381600.001		30.436	19.222	132.061	-0.142		
9/2/12 4:19	385200.001		30.434	19.219	132.065	-0.138		
9/2/12 5:19	388800.001		30.433	19.221	132.068	-0.135		
9/2/12 6:19	392400.001		30.431	19.223	132.074	-0.129		
9/2/12 7:19	396000.001		30.429	19.222	132.077	-0.126		
9/2/12 8:19	399600.001		30.439	19.222	132.055	-0.148		
9/2/12 9:19	403200.001		30.435	19.222	132.065	-0.138		
9/2/12 10:19	406800.001		30.434	19.222	132.067	-0.136		
9/2/12 11:19	410400.001		30.437	19.22	132.06	-0.143		
9/2/12 12:19	414000.001		30.445	19.224	132.041	-0.162		
9/2/12 13:19	417600.001		30.446	19.219	132.038	-0.165		
9/2/12 14:19	421200.001		30.448	19.223	132.033	-0.17		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/2/12 15:19	424800.001		30.443	19.224	132.046	-0.157		
9/2/12 16:19	428400.001		30.443	19.223	132.046	-0.157		
9/2/12 17:19	432000.001		30.45	19.222	132.03	-0.173		
9/2/12 18:19	435600.001		30.443	19.218	132.045	-0.158		
9/2/12 19:19	439200.001		30.441	19.223	132.051	-0.152		
9/2/12 20:19	442800.001		30.436	19.222	132.062	-0.141		
9/2/12 21:19	446400.001		30.432	19.221	132.072	-0.131		
9/2/12 22:19	450000.001		30.433	19.223	132.068	-0.135		
9/2/12 23:19	453600.001		30.439	19.22	132.054	-0.149		
9/3/12 0:19	457200.001		30.434	19.222	132.066	-0.137		
9/3/12 1:19	460800.001		30.436	19.223	132.063	-0.14		
9/3/12 2:19	464400.001		30.436	19.224	132.063	-0.14		
9/3/12 3:19	468000.001		30.436	19.222	132.062	-0.141		
9/3/12 4:19	471600.001		30.436	19.222	132.063	-0.14		
9/3/12 5:19	475200.001		30.442	19.223	132.049	-0.154		
9/3/12 6:19	478800.001		30.439	19.223	132.054	-0.149		
9/3/12 7:19	482400.001		30.432	19.223	132.07	-0.133		
9/3/12 8:19	486000.001		30.434	19.22	132.067	-0.136		
9/3/12 9:19	489600.001		30.434	19.224	132.066	-0.137		
9/3/12 10:19	493200.001		30.436	19.223	132.063	-0.14		
9/3/12 11:19	496800.001		30.437	19.224	132.059	-0.144		
9/3/12 12:19	500400.001		30.439	19.221	132.055	-0.148		
9/3/12 13:19	504000.001		30.446	19.225	132.039	-0.164		
9/3/12 14:19	507600.001		30.45	19.222	132.03	-0.173		
9/3/12 15:19	511200.001		30.444	19.221	132.042	-0.161		
9/3/12 16:19	514800.001		30.445	19.222	132.041	-0.162		
9/3/12 17:19	518400.001		30.443	19.225	132.046	-0.157		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/3/12 18:19	522000.001		30.45	19.222	132.03	-0.173		
9/3/12 19:19	525600.001		30.442	19.222	132.047	-0.156		
9/3/12 20:19	529200.001		30.436	19.222	132.061	-0.142		
9/3/12 21:19	532800.001		30.434	19.223	132.066	-0.137		
9/3/12 22:19	536400.001		30.436	19.219	132.062	-0.141		
9/3/12 23:19	540000.001		30.433	19.221	132.068	-0.135		
9/4/12 0:19	543600.001		30.436	19.223	132.062	-0.141		
9/4/12 1:19	547200.001		30.434	19.223	132.066	-0.137		
9/4/12 2:19	550800.001		30.437	19.225	132.06	-0.143		
9/4/12 3:19	554400.001		30.437	19.223	132.059	-0.144		
9/4/12 4:19	558000.001		30.438	19.223	132.058	-0.145		
9/4/12 5:19	561600.001		30.438	19.222	132.057	-0.146		
9/4/12 6:19	565200.001		30.434	19.223	132.066	-0.137		
9/4/12 7:19	568800.001		30.441	19.219	132.051	-0.152		
9/4/12 8:19	572400.001		30.437	19.222	132.058	-0.145		
9/4/12 9:19	576000.001		30.444	19.222	132.042	-0.161		
9/4/12 10:19	579600.001		30.439	19.223	132.054	-0.149		
9/4/12 11:19	583200.001		30.439	19.223	132.054	-0.149		
9/4/12 12:19	586800.001		30.45	19.224	132.029	-0.174		
9/4/12 13:19	590400.001		30.446	19.222	132.038	-0.165		
9/4/12 14:19	594000.001		30.447	19.223	132.035	-0.168		
9/4/12 15:19	597600.001		30.448	19.221	132.035	-0.168		
9/4/12 15:30							132.07	
9/4/12 16:19	601200.001		30.452	19.223	132.025	-0.178		
9/4/12 17:19	604800.001		30.421	19.222	132.096	-0.107		
9/4/12 18:19	608400.001		30.433	19.222	132.068	-0.135		
9/4/12 19:19	612000.001		30.442	19.222	132.048	-0.155		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/4/12 20:19	615600.001		30.433	19.224	132.068	-0.135		
9/4/12 21:19	619200.001		30.434	19.222	132.067	-0.136		
9/4/12 22:19	622800.001		30.435	19.222	132.064	-0.139		
9/4/12 23:19	626400.001		30.435	19.222	132.064	-0.139		
9/5/12 0:19	630000.001		30.436	19.223	132.063	-0.14		
9/5/12 1:19	633600.001		30.437	19.224	132.06	-0.143		
9/5/12 2:19	637200.001		30.437	19.223	132.059	-0.144		
9/5/12 3:19	640800.001		30.444	19.224	132.043	-0.16		
9/5/12 4:19	644400.001		30.439	19.223	132.055	-0.148		
9/5/12 5:19	648000.001		30.438	19.222	132.058	-0.145		
9/5/12 6:19	651600.001		30.439	19.224	132.055	-0.148		
9/5/12 7:19	655200.001		30.438	19.223	132.056	-0.147		
9/5/12 7:20							132.10	
9/5/12 8:05	0		30.449	19.229	132.075	0		
9/5/12 8:10	300		30.438	19.227	132.1	-0.103		
9/5/12 8:15	600		30.439	19.225	132.097	-0.106		
9/5/12 8:20	900		30.439	19.223	132.098	-0.105		
9/5/12 8:25	1200		30.44	19.224	132.096	-0.107		
9/5/12 8:30	1500		30.447	19.223	132.08	-0.123		
9/5/12 8:35	1800		30.439	19.224	132.098	-0.105		start of step test
9/5/12 8:40	2100		30.439	19.224	132.098	-0.105		25 gpm
9/5/12 8:45	2400		30.43	19.223	132.12	-0.083		
9/5/12 8:50	2700		30.408	19.221	132.169	-0.034		
9/5/12 8:55	3000		30.389	19.223	132.215	0.012		
9/5/12 9:00	3300		30.366	19.225	132.266	0.063		
9/5/12 9:05	3600		30.347	19.224	132.311	0.108		
9/5/12 9:10	3900		30.333	19.224	132.342	0.139		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/5/12 9:15	4200		30.319	19.225	132.376	0.173		
9/5/12 9:20	4500		30.306	19.224	132.404	0.201		
9/5/12 9:25	4800		30.294	19.223	132.434	0.231		
9/5/12 9:30	5100		30.275	19.223	132.476	0.273		
9/5/12 9:35	5400		30.264	19.221	132.503	0.3		
9/5/12 9:40	5700		30.254	19.219	132.525	0.322		35 gpm
9/5/12 9:45	6000		30.245	19.223	132.547	0.344		
9/5/12 9:50	6300		30.23	19.223	132.581	0.378		
9/5/12 9:55	6600		30.213	19.222	132.619	0.416		
9/5/12 10:00	6900		30.196	19.223	132.659	0.456		
9/5/12 10:05	7200		30.181	19.222	132.694	0.491		
9/5/12 10:10	7500		30.165	19.218	132.731	0.528		
9/5/12 10:15	7800		30.15	19.221	132.766	0.563		
9/5/12 10:20	8100		30.138	19.22	132.794	0.591		
9/5/12 10:25	8400		30.125	19.218	132.823	0.62		
9/5/12 10:30	8700		30.113	19.216	132.851	0.648		
9/5/12 10:35	9000		30.103	19.217	132.873	0.67		
9/5/12 10:40	9300		30.094	19.216	132.894	0.691		45 gpm
9/5/12 10:45	9600		30.081	19.213	132.924	0.721		
9/5/12 10:50	9900		30.06	19.214	132.974	0.771		
9/5/12 10:55	10200		30.037	19.212	133.027	0.824		
9/5/12 11:00	10500		30.015	19.212	133.077	0.874		
9/5/12 11:05	10800		29.998	19.208	133.116	0.913		
9/5/12 11:10	11100		29.983	19.208	133.15	0.947		
9/5/12 11:15	11400		29.974	19.204	133.171	0.968		
9/5/12 11:20	11700		29.964	19.203	133.195	0.992		
9/5/12 11:25	12000		29.955	19.201	133.217	1.014		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/5/12 11:30	12300		29.947	19.199	133.234	1.031		
9/5/12 11:35	12600		29.938	19.197	133.256	1.053		
9/5/12 11:40	12900		29.928	19.196	133.278	1.075		
9/5/12 11:45	13200		29.919	19.194	133.3	1.097		
9/5/12 11:50	13500		29.91	19.187	133.321	1.118		
9/5/12 11:55	13800		29.9	19.186	133.343	1.14		
9/5/12 12:00	14100		29.891	19.187	133.364	1.161		
9/5/12 12:05	14400		29.883	19.184	133.382	1.179		
9/5/12 12:10	14700		29.876	19.182	133.398	1.195		
9/5/12 12:15	15000		29.867	19.177	133.418	1.215		
9/5/12 12:20	15300		29.857	19.176	133.441	1.238		
9/5/12 12:25	15600		29.85	19.173	133.459	1.256		
9/5/12 12:30	15900		29.845	19.17	133.469	1.266		
9/5/12 12:35	16200		29.84	19.169	133.481	1.278		
9/5/12 12:40	16500		29.833	19.166	133.497	1.294		
9/5/12 12:45	16800		29.83	19.165	133.505	1.302		
9/5/12 12:50	17100		29.824	19.161	133.518	1.315		
9/5/12 12:55	17400		29.818	19.163	133.533	1.33		
9/5/12 13:00	17700		29.815	19.16	133.539	1.336		
9/5/12 13:05	18000		29.809	19.162	133.552	1.349		
9/5/12 13:10	18300		29.799	19.16	133.576	1.373		
9/5/12 13:15	18600		29.803	19.156	133.566	1.363		
9/5/12 13:20	18900		29.802	19.155	133.568	1.365		
9/5/12 13:25	19200		29.799	19.152	133.575	1.372		
9/5/12 13:30	19500		29.798	19.151	133.578	1.375		
9/5/12 13:35	19800		29.797	19.155	133.581	1.378		
9/5/12 13:40	20100		29.791	19.151	133.595	1.392		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/5/12 13:45	20400		29.795	19.149	133.585	1.382		
9/5/12 13:50	20700		29.793	19.148	133.59	1.387		
9/5/12 13:55	21000		29.791	19.149	133.595	1.392		
9/5/12 14:00	21300		29.788	19.147	133.602	1.399		End of Step Test
9/5/12 14:05	21600		29.785	19.145	133.607	1.404		
9/5/12 14:10	21900		29.792	19.147	133.593	1.39		
9/5/12 14:15	22200		29.818	19.147	133.533	1.33		
9/5/12 14:20	22500		29.855	19.142	133.447	1.244		
9/5/12 14:25	22800		29.902	19.145	133.337	1.134		
9/5/12 14:30	23100		29.937	19.144	133.257	1.054		
9/5/12 14:35	23400		29.971	19.139	133.18	0.977		
9/5/12 14:40	23700		29.991	19.143	133.133	0.93		
9/5/12 14:45	24000		30.018	19.142	133.071	0.868		
9/5/12 14:50	24300		30.037	19.143	133.026	0.823		
9/5/12 14:55	24600		30.046	19.142	133.005	0.802		
9/5/12 15:00	24900		30.06	19.141	132.973	0.77		
9/5/12 15:05	25200		30.081	19.14	132.926	0.723		
9/5/12 15:10	25500		30.085	19.143	132.915	0.712		
9/5/12 15:15	25800		30.103	19.145	132.874	0.671		
9/5/12 15:20	26100		30.113	19.145	132.851	0.648		
9/5/12 15:25	26400		30.122	19.146	132.831	0.628		
9/5/12 15:30	26700		30.13	19.146	132.811	0.608		
9/5/12 15:35	27000		30.139	19.145	132.791	0.588		
9/5/12 15:40	27300		30.146	19.149	132.774	0.571		
9/5/12 15:40							132.75	
9/5/12 15:45	27600		30.153	19.149	132.759	0.556		
9/5/12 16:00	0		30.168	19.151	132.22	0.017		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/5/12 17:00	3600		30.227	19.161	132.08	-0.119		
9/5/12 18:00	7200		30.257	19.172	132.01	-0.19		
9/5/12 19:00	10800		30.286	19.18	131.95	-0.256		
9/5/12 20:00	14400		30.301	19.182	131.91	-0.291		
9/5/12 21:00	18000		30.318	19.186	131.87	-0.329		
9/5/12 22:00	21600		30.329	19.19	131.85	-0.354		
9/5/12 23:00	25200		30.341	19.194	131.82	-0.383		
9/6/12 0:00	28800		30.349	19.196	131.80	-0.4		
9/6/12 1:00	32400		30.357	19.195	131.78	-0.419		
9/6/12 2:00	36000		30.361	19.2	131.78	-0.428		
9/6/12 3:00	39600		30.367	19.199	131.76	-0.442		
9/6/12 4:00	43200		30.372	19.199	131.75	-0.454		
9/6/12 5:00	46800		30.375	19.205	131.74	-0.462		
9/6/12 6:00	50400		30.377	19.204	131.74	-0.466		
9/6/12 7:00	54000		30.381	19.204	131.73	-0.474		
9/6/12 8:00	57600		30.386	19.206	131.72	-0.486		
9/6/12 8:40							132.22	
9/6/12 9:00	61200		30.456	19.206	131.56	-0.647		
9/6/12 10:00	64800		30.245	19.207	132.04	-0.161		
9/6/12 11:00	68400		30.036	19.2	132.52	0.321		
9/6/12 12:00	72000		30.201	19.177	132.15	-0.058		
9/6/12 13:00	75600		30.296	19.172	131.92	-0.279		
9/6/12 14:00	79200		30.34	19.175	131.82	-0.381	End of Development	
9/6/12 15:00	82800		30.369	19.181	131.76	-0.446		
9/6/12 15:05							132.39	
9/7/12 7:25							132.23	
9/7/12 8:00	0	0	30.447	19.21	132.203	0		APT 2 Start

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:00	0.251	0.004183333	30.447	19.231	132.203	0		
9/7/12 8:00	0.501	0.00835	30.447	19.242	132.204	0.001		
9/7/12 8:00	0.751	0.012516667	30.446	19.253	132.205	0.002		
9/7/12 8:00	1.001	0.016683333	30.451	19.261	132.194	-0.009		
9/7/12 8:00	1.251	0.02085	30.451	19.27	132.194	-0.009		
9/7/12 8:00	1.501	0.025016667	30.45	19.273	132.196	-0.007		
9/7/12 8:00	1.751	0.029183333	30.45	19.278	132.195	-0.008		
9/7/12 8:00	2.001	0.03335	30.449	19.282	132.198	-0.005		
9/7/12 8:00	2.251	0.037516667	30.447	19.285	132.203	0		
9/7/12 8:00	2.501	0.041683333	30.449	19.288	132.198	-0.005		
9/7/12 8:00	2.751	0.04585	30.448	19.287	132.201	-0.002		
9/7/12 8:00	3.001	0.050016667	30.448	19.293	132.201	-0.002		
9/7/12 8:00	3.251	0.054183333	30.448	19.292	132.201	-0.002		
9/7/12 8:00	3.501	0.05835	30.448	19.294	132.201	-0.002		
9/7/12 8:00	3.751	0.062516667	30.449	19.296	132.199	-0.004		
9/7/12 8:00	4.001	0.066683333	30.447	19.298	132.203	0		
9/7/12 8:00	4.251	0.07085	30.446	19.299	132.205	0.002		
9/7/12 8:00	4.501	0.075016667	30.446	19.301	132.206	0.003		
9/7/12 8:00	4.751	0.079183333	30.447	19.302	132.204	0.001		
9/7/12 8:00	5.001	0.08335	30.445	19.303	132.207	0.004		
9/7/12 8:00	5.251	0.087516667	30.445	19.304	132.207	0.004		
9/7/12 8:00	5.501	0.091683333	30.446	19.306	132.205	0.002		
9/7/12 8:00	5.751	0.09585	30.445	19.306	132.206	0.003		
9/7/12 8:00	6.001	0.100016667	30.445	19.304	132.208	0.005		
9/7/12 8:00	6.36	0.106	30.445	19.299	132.208	0.005		
9/7/12 8:00	6.72	0.112	30.446	19.294	132.206	0.003		
9/7/12 8:00	7.14	0.119	30.444	19.287	132.209	0.006		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:00	7.56	0.126	30.446	19.284	132.206	0.003		
9/7/12 8:00	7.98	0.133	30.446	19.281	132.205	0.002		
9/7/12 8:00	8.46	0.141	30.446	19.279	132.206	0.003		
9/7/12 8:00	9	0.15	30.446	19.273	132.204	0.001		
9/7/12 8:00	9.48	0.158	30.447	19.273	132.204	0.001		
9/7/12 8:00	10.08	0.168	30.446	19.269	132.205	0.002		
9/7/12 8:00	10.68	0.178	30.445	19.266	132.207	0.004		
9/7/12 8:00	11.28	0.188	30.447	19.264	132.204	0.001		
9/7/12 8:00	11.94	0.199	30.447	19.266	132.202	-0.001		
9/7/12 8:00	12.66	0.211	30.448	19.264	132.201	-0.002		
9/7/12 8:00	13.44	0.224	30.448	19.261	132.201	-0.002		
9/7/12 8:00	14.22	0.237	30.447	19.257	132.203	0		
9/7/12 8:00	15.06	0.251	30.447	19.256	132.203	0		
9/7/12 8:00	15.96	0.266	30.448	19.255	132.2	-0.003		
9/7/12 8:00	16.92	0.282	30.448	19.252	132.2	-0.003		
9/7/12 8:00	17.88	0.298	30.449	19.253	132.198	-0.005		
9/7/12 8:00	18.96	0.316	30.45	19.253	132.197	-0.006		
9/7/12 8:00	20.1	0.335	30.449	19.25	132.198	-0.005		
9/7/12 8:00	21.3	0.355	30.45	19.25	132.197	-0.006		
9/7/12 8:00	22.56	0.376	30.448	19.248	132.2	-0.003		
9/7/12 8:00	23.88	0.398	30.444	19.249	132.21	0.007		
9/7/12 8:00	25.32	0.422	30.45	19.247	132.195	-0.008		
9/7/12 8:00	26.82	0.447	30.444	19.246	132.21	0.007		
9/7/12 8:00	28.38	0.473	30.444	19.246	132.209	0.006		
9/7/12 8:00	30.06	0.501	30.449	19.243	132.199	-0.004		
9/7/12 8:00	31.86	0.531	30.451	19.245	132.193	-0.01		
9/7/12 8:00	33.72	0.562	30.451	19.245	132.193	-0.01		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:00	35.76	0.596	30.451	19.246	132.194	-0.009		
9/7/12 8:00	37.86	0.631	30.452	19.243	132.192	-0.011		
9/7/12 8:00	40.08	0.668	30.444	19.242	132.21	0.007		
9/7/12 8:00	42.48	0.708	30.444	19.24	132.209	0.006		
9/7/12 8:00	45	0.75	30.444	19.239	132.209	0.006		
9/7/12 8:00	47.64	0.794	30.444	19.236	132.209	0.006		
9/7/12 8:00	50.46	0.841	30.445	19.237	132.207	0.004		
9/7/12 8:00	53.46	0.891	30.446	19.24	132.205	0.002		
9/7/12 8:00	56.64	0.944	30.444	19.237	132.209	0.006		
9/7/12 8:01	60	1	30.451	19.239	132.194	-0.009		
9/7/12 8:01	63.6	1.06	30.443	19.235	132.211	0.008		
9/7/12 8:01	67.2	1.12	30.444	19.234	132.209	0.006		
9/7/12 8:01	71.4	1.19	30.443	19.231	132.212	0.009		
9/7/12 8:01	75.6	1.26	30.444	19.23	132.21	0.007		
9/7/12 8:01	79.8	1.33	30.443	19.235	132.212	0.009		
9/7/12 8:01	84.6	1.41	30.443	19.23	132.212	0.009		
9/7/12 8:01	90	1.5	30.443	19.229	132.212	0.009		
9/7/12 8:01	94.8	1.58	30.443	19.226	132.212	0.009		
9/7/12 8:01	100.8	1.68	30.441	19.226	132.217	0.014		
9/7/12 8:01	106.8	1.78	30.442	19.224	132.214	0.011		
9/7/12 8:01	112.8	1.88	30.441	19.228	132.216	0.013		
9/7/12 8:01	119.4	1.99	30.442	19.224	132.214	0.011		
9/7/12 8:02	126.6	2.11	30.439	19.223	132.221	0.018		
9/7/12 8:02	134.4	2.24	30.438	19.22	132.223	0.02		
9/7/12 8:02	142.2	2.37	30.438	19.222	132.224	0.021		
9/7/12 8:02	150.6	2.51	30.436	19.222	132.228	0.025		
9/7/12 8:02	159.6	2.66	30.436	19.222	132.229	0.026		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:02	169.2	2.82	30.433	19.221	132.234	0.031		
9/7/12 8:02	178.8	2.98	30.433	19.219	132.236	0.033		
9/7/12 8:03	189.6	3.16	30.432	19.221	132.238	0.035		
9/7/12 8:03	201	3.35	30.428	19.218	132.246	0.043		
9/7/12 8:03	213	3.55	30.427	19.217	132.25	0.047		
9/7/12 8:03	225.6	3.76	30.425	19.219	132.253	0.05		
9/7/12 8:03	238.8	3.98	30.423	19.217	132.258	0.055		
9/7/12 8:04	253.2	4.22	30.419	19.217	132.268	0.065		
9/7/12 8:04	268.2	4.47	30.415	19.216	132.276	0.073		
9/7/12 8:04	283.8	4.73	30.414	19.215	132.279	0.076		
9/7/12 8:05	300.6	5.01	30.411	19.217	132.287	0.084		
9/7/12 8:05	318.6	5.31	30.407	19.213	132.295	0.092		
9/7/12 8:05	337.2	5.62	30.403	19.212	132.304	0.101		
9/7/12 8:05	357.6	5.96	30.398	19.216	132.316	0.113		
9/7/12 8:06	378.6	6.31	30.397	19.212	132.319	0.116		
9/7/12 8:06	400.8	6.68	30.392	19.212	132.33	0.127		
9/7/12 8:07	424.8	7.08	30.388	19.214	132.34	0.137		
9/7/12 8:07	450	7.5	30.381	19.212	132.354	0.151		
9/7/12 8:07	476.4	7.94	30.377	19.214	132.365	0.162		
9/7/12 8:08	504.6	8.41	30.372	19.213	132.375	0.172		
9/7/12 8:08	534.6	8.91	30.366	19.213	132.391	0.188		
9/7/12 8:09	566.4	9.44	30.36	19.211	132.404	0.201		
9/7/12 8:10	600	10	30.354	19.208	132.418	0.215		
9/7/12 8:10	636	10.6	30.346	19.212	132.436	0.233		
9/7/12 8:11	672	11.2	30.34	19.21	132.45	0.247		
9/7/12 8:11	714	11.9	30.332	19.212	132.469	0.266		
9/7/12 8:12	756	12.6	30.324	19.212	132.487	0.284		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 8:13	798	13.3	30.316	19.209	132.505	0.302		
9/7/12 8:14	846	14.1	30.309	19.213	132.522	0.319		
9/7/12 8:15	900	15	30.3	19.208	132.543	0.34		
9/7/12 8:15	948	15.8	30.291	19.21	132.562	0.359		
9/7/12 8:16	1008	16.8	30.28	19.207	132.587	0.384		
9/7/12 8:17	1068	17.8	30.272	19.211	132.606	0.403		
9/7/12 8:18	1128	18.8	30.264	19.211	132.626	0.423		
9/7/12 8:19	1194	19.9	30.254	19.21	132.649	0.446		
9/7/12 8:21	1266	21.1	30.243	19.212	132.674	0.471		
9/7/12 8:22	1344	22.4	30.235	19.209	132.691	0.488		
9/7/12 8:23	1422	23.7	30.225	19.21	132.715	0.512		
9/7/12 8:25	1506	25.1	30.215	19.208	132.739	0.536		
9/7/12 8:26	1596	26.6	30.204	19.21	132.763	0.56		
9/7/12 8:28	1692	28.2	30.193	19.21	132.79	0.587		
9/7/12 8:29	1788	29.8	30.183	19.208	132.812	0.609		
9/7/12 8:31	1896	31.6	30.171	19.21	132.839	0.636		
9/7/12 8:33	2010	33.5	30.161	19.208	132.863	0.66		
9/7/12 8:35	2130	35.5	30.148	19.208	132.893	0.69		
9/7/12 8:37	2256	37.6	30.137	19.208	132.919	0.716		
9/7/12 8:39	2388	39.8	30.128	19.209	132.94	0.737		
9/7/12 8:42	2532	42.2	30.117	19.209	132.966	0.763		
9/7/12 8:44	2682	44.7	30.103	19.208	132.997	0.794		
9/7/12 8:47	2838	47.3	30.095	19.211	133.016	0.813		
9/7/12 8:50	3006	50.1	30.084	19.207	133.042	0.839		
9/7/12 8:53	3186	53.1	30.072	19.208	133.068	0.865		
9/7/12 8:56	3372	56.2	30.062	19.207	133.092	0.889		
9/7/12 8:59	3576	59.6	30.051	19.208	133.118	0.915		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 9:03	3786	63.1	30.039	19.208	133.145	0.942		
9/7/12 9:06	4008	66.8	30.029	19.207	133.167	0.964		
9/7/12 9:10	4248	70.8	30.017	19.206	133.195	0.992		
9/7/12 9:15	4500	75	30.014	19.204	133.202	0.999		
9/7/12 9:19	4764	79.4	29.997	19.2	133.242	1.039		
9/7/12 9:24	5046	84.1	29.986	19.2	133.268	1.065		
9/7/12 9:29	5346	89.1	29.977	19.198	133.288	1.085		
9/7/12 9:34	5664	94.4	29.966	19.194	133.314	1.111		
9/7/12 9:40	6000	100	29.956	19.191	133.337	1.134		
9/7/12 9:46	6360	106	29.943	19.189	133.367	1.164		
9/7/12 9:52	6720	112	29.935	19.185	133.385	1.182		
9/7/12 9:59	7140	119	29.924	19.184	133.41	1.207		
9/7/12 10:06	7560	126	29.913	19.178	133.436	1.233		
9/7/12 10:13	7980	133	29.903	19.174	133.46	1.257		
9/7/12 10:21	8460	141	29.892	19.171	133.484	1.281		
9/7/12 10:30	9000	150	29.879	19.169	133.514	1.311		
9/7/12 10:38	9480	158	29.869	19.167	133.536	1.333		
9/7/12 10:48	10080	168	29.856	19.159	133.567	1.364		
9/7/12 10:58	10680	178	29.838	19.156	133.609	1.406		
9/7/12 11:08	11280	188	29.837	19.152	133.612	1.409		
9/7/12 11:19	11940	199	29.825	19.152	133.64	1.437		
9/7/12 11:31	12660	211	29.816	19.145	133.661	1.458		
9/7/12 11:44	13440	224	29.804	19.143	133.688	1.485		
9/7/12 11:57	14220	237	29.785	19.14	133.73	1.527		
9/7/12 12:11	15060	251	29.774	19.137	133.757	1.554		
9/7/12 12:20							133.55	
9/7/12 12:26	15960	266	29.761	19.137	133.786	1.583		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 12:41	16860	281	29.75	19.133	133.811	1.608		
9/7/12 12:56	17760	296	29.74	19.135	133.835	1.632		
9/7/12 13:11	18660	311	29.731	19.128	133.857	1.654		
9/7/12 13:26	19560	326	29.721	19.129	133.878	1.675		
9/7/12 13:41	20460	341	29.72	19.126	133.882	1.679		
9/7/12 13:56	21360	356	29.706	19.127	133.913	1.71		
9/7/12 14:11	22260	371	29.699	19.127	133.93	1.727		
9/7/12 14:26	23160	386	29.689	19.125	133.953	1.75		
9/7/12 14:41	24060	401	29.682	19.12	133.969	1.766		
9/7/12 14:56	24960	416	29.673	19.122	133.989	1.786		
9/7/12 15:11	25860	431	29.663	19.122	134.013	1.81		
9/7/12 15:26	26760	446	29.654	19.12	134.033	1.83		
9/7/12 15:41	27660	461	29.648	19.117	134.048	1.845		
9/7/12 15:56	28560	476	29.641	19.118	134.064	1.861		
9/7/12 16:11	29460	491	29.633	19.12	134.082	1.879		
9/7/12 16:20							133.87	
9/7/12 16:26	30360	506	29.628	19.121	134.094	1.891		
9/7/12 16:41	31260	521	29.622	19.117	134.108	1.905		
9/7/12 16:56	32160	536	29.615	19.117	134.123	1.92		
9/7/12 17:11	33060	551	29.608	19.119	134.14	1.937		
9/7/12 17:26	33960	566	29.602	19.118	134.154	1.951		
9/7/12 17:41	34860	581	29.596	19.114	134.168	1.965		
9/7/12 17:56	35760	596	29.592	19.114	134.178	1.975		
9/7/12 18:11	36660	611	29.586	19.114	134.192	1.989		
9/7/12 18:26	37560	626	29.581	19.117	134.203	2		
9/7/12 18:41	38460	641	29.576	19.115	134.214	2.011		
9/7/12 18:56	39360	656	29.57	19.112	134.227	2.024		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 19:11	40260	671	29.565	19.116	134.24	2.037		
9/7/12 19:26	41160	686	29.559	19.113	134.253	2.05		
9/7/12 19:41	42060	701	29.554	19.114	134.265	2.062		
9/7/12 19:56	42960	716	29.551	19.112	134.271	2.068		
9/7/12 20:11	43860	731	29.547	19.109	134.28	2.077		
9/7/12 20:26	44760	746	29.54	19.109	134.296	2.093		
9/7/12 20:41	45660	761	29.537	19.111	134.304	2.101		
9/7/12 20:56	46560	776	29.532	19.113	134.317	2.114		
9/7/12 21:11	47460	791	29.529	19.111	134.323	2.12		
9/7/12 21:26	48360	806	29.526	19.11	134.33	2.127		
9/7/12 21:41	49260	821	29.521	19.11	134.341	2.138		
9/7/12 21:56	50160	836	29.518	19.109	134.347	2.144		
9/7/12 22:11	51060	851	29.515	19.11	134.356	2.153		
9/7/12 22:26	51960	866	29.511	19.11	134.364	2.161		
9/7/12 22:41	52860	881	29.507	19.111	134.373	2.17		
9/7/12 22:56	53760	896	29.505	19.108	134.377	2.174		
9/7/12 23:11	54660	911	29.502	19.11	134.385	2.182		
9/7/12 23:26	55560	926	29.493	19.108	134.406	2.203		
9/7/12 23:41	56460	941	29.491	19.106	134.411	2.208		
9/7/12 23:56	57360	956	29.488	19.11	134.417	2.214		
9/8/12 0:11	58260	971	29.486	19.108	134.423	2.22		
9/8/12 0:26	59160	986	29.483	19.109	134.429	2.226		
9/8/12 0:41	60060	1001	29.48	19.108	134.435	2.232		
9/8/12 0:56	60960	1016	29.477	19.105	134.442	2.239		
9/8/12 1:11	61860	1031	29.475	19.105	134.448	2.245		
9/8/12 1:26	62760	1046	29.471	19.107	134.457	2.254		
9/8/12 1:41	63660	1061	29.468	19.107	134.464	2.261		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 1:56	64560	1076	29.466	19.105	134.468	2.265		
9/8/12 2:11	65460	1091	29.463	19.108	134.475	2.272		
9/8/12 2:26	66360	1106	29.46	19.105	134.482	2.279		
9/8/12 2:41	67260	1121	29.456	19.108	134.49	2.287		
9/8/12 2:56	68160	1136	29.454	19.104	134.497	2.294		
9/8/12 3:11	69060	1151	29.45	19.103	134.506	2.303		
9/8/12 3:26	69960	1166	29.448	19.105	134.51	2.307		
9/8/12 3:41	70860	1181	29.444	19.107	134.519	2.316		
9/8/12 3:56	71760	1196	29.443	19.105	134.521	2.318		
9/8/12 4:11	72660	1211	29.44	19.104	134.528	2.325		
9/8/12 4:26	73560	1226	29.438	19.103	134.533	2.33		
9/8/12 4:41	74460	1241	29.434	19.102	134.541	2.338		
9/8/12 4:56	75360	1256	29.431	19.108	134.549	2.346		
9/8/12 5:11	76260	1271	29.428	19.103	134.555	2.352		
9/8/12 5:26	77160	1286	29.426	19.103	134.56	2.357		
9/8/12 5:41	78060	1301	29.423	19.101	134.566	2.363		
9/8/12 5:56	78960	1316	29.421	19.105	134.573	2.37		
9/8/12 6:11	79860	1331	29.418	19.102	134.58	2.377		
9/8/12 6:26	80760	1346	29.416	19.104	134.584	2.381		
9/8/12 6:41	81660	1361	29.412	19.102	134.592	2.389		
9/8/12 6:56	82560	1376	29.409	19.103	134.599	2.396		
9/8/12 7:11	83460	1391	29.408	19.104	134.601	2.398		
9/8/12 7:26	84360	1406	29.405	19.103	134.608	2.405		
9/8/12 7:41	85260	1421	29.406	19.102	134.607	2.404		
9/8/12 7:56	86160	1436	29.401	19.104	134.617	2.414		
9/8/12 8:11	87060	1451	29.4	19.104	134.621	2.418		
9/8/12 8:26	87960	1466	29.398	19.099	134.625	2.422		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 8:41	88860	1481	29.397	19.105	134.627	2.424		
9/8/12 8:56	89760	1496	29.396	19.101	134.63	2.427		
9/8/12 9:11	90660	1511	29.393	19.103	134.636	2.433		
9/8/12 9:26	91560	1526	29.391	19.102	134.641	2.438		
9/8/12 9:41	92460	1541	29.39	19.102	134.643	2.44		
9/8/12 9:56	93360	1556	29.39	19.104	134.644	2.441		
9/8/12 10:11	94260	1571	29.386	19.101	134.653	2.45		
9/8/12 10:26	95160	1586	29.387	19.1	134.649	2.446		
9/8/12 10:41	96060	1601	29.386	19.102	134.652	2.449		
9/8/12 10:50							134.45	
9/8/12 10:56	96960	1616	29.387	19.103	134.65	2.447		
9/8/12 11:11	97860	1631	29.386	19.102	134.652	2.449		
9/8/12 11:26	98760	1646	29.384	19.101	134.657	2.454		
9/8/12 11:41	99660	1661	29.382	19.106	134.663	2.46		
9/8/12 11:56	100560	1676	29.383	19.105	134.659	2.456		
9/8/12 12:11	101460	1691	29.381	19.104	134.665	2.462		
9/8/12 12:26	102360	1706	29.38	19.101	134.667	2.464		
9/8/12 12:41	103260	1721	29.378	19.101	134.671	2.468		
9/8/12 12:56	104160	1736	29.376	19.103	134.675	2.472		
9/8/12 13:11	105060	1751	29.376	19.102	134.676	2.473		
9/8/12 13:26	105960	1766	29.375	19.105	134.678	2.475		
9/8/12 13:41	106860	1781	29.372	19.099	134.686	2.483		
9/8/12 13:56	107760	1796	29.372	19.101	134.686	2.483		
9/8/12 14:11	108660	1811	29.372	19.102	134.686	2.483		
9/8/12 14:26	109560	1826	29.369	19.101	134.691	2.488		
9/8/12 14:41	110460	1841	29.368	19.103	134.694	2.491		
9/8/12 14:56	111360	1856	29.366	19.1	134.699	2.496		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 15:11	112260	1871	29.364	19.103	134.703	2.5		
9/8/12 15:26	113160	1886	29.364	19.103	134.703	2.5		
9/8/12 15:41	114060	1901	29.362	19.1	134.707	2.504		
9/8/12 15:56	114960	1916	29.362	19.101	134.709	2.506		
9/8/12 16:11	115860	1931	29.361	19.1	134.711	2.508		
9/8/12 16:26	116760	1946	29.357	19.099	134.719	2.516		
9/8/12 16:41	117660	1961	29.357	19.099	134.721	2.518		
9/8/12 16:56	118560	1976	29.354	19.102	134.727	2.524		
9/8/12 17:11	119460	1991	29.352	19.102	134.732	2.529		
9/8/12 17:26	120360	2006	29.351	19.102	134.733	2.53		
9/8/12 17:41	121260	2021	29.348	19.102	134.741	2.538		
9/8/12 17:56	122160	2036	29.345	19.098	134.747	2.544		
9/8/12 18:11	123060	2051	29.345	19.1	134.748	2.545		
9/8/12 18:26	123960	2066	29.342	19.1	134.754	2.551		
9/8/12 18:41	124860	2081	29.341	19.1	134.757	2.554		
9/8/12 18:56	125760	2096	29.339	19.102	134.762	2.559		
9/8/12 19:11	126660	2111	29.338	19.101	134.763	2.56		
9/8/12 19:26	127560	2126	29.337	19.1	134.767	2.564		
9/8/12 19:41	128460	2141	29.334	19.103	134.772	2.569		
9/8/12 19:56	129360	2156	29.332	19.098	134.776	2.573		
9/8/12 20:11	130260	2171	29.33	19.098	134.782	2.579		
9/8/12 20:26	131160	2186	29.328	19.102	134.787	2.584		
9/8/12 20:41	132060	2201	29.326	19.101	134.791	2.588		
9/8/12 20:56	132960	2216	29.325	19.102	134.794	2.591		
9/8/12 21:11	133860	2231	29.324	19.103	134.796	2.593		
9/8/12 21:26	134760	2246	29.322	19.099	134.801	2.598		
9/8/12 21:41	135660	2261	29.322	19.099	134.801	2.598		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 21:56	136560	2276	29.32	19.099	134.804	2.601		
9/8/12 22:11	137460	2291	29.32	19.099	134.806	2.603		
9/8/12 22:26	138360	2306	29.319	19.1	134.807	2.604		
9/8/12 22:41	139260	2321	29.318	19.099	134.81	2.607		
9/8/12 22:56	140160	2336	29.318	19.098	134.809	2.606		
9/8/12 23:11	141060	2351	29.316	19.099	134.815	2.612		
9/8/12 23:26	141960	2366	29.317	19.099	134.813	2.61		
9/8/12 23:41	142860	2381	29.315	19.099	134.816	2.613		
9/8/12 23:56	143760	2396	29.316	19.098	134.814	2.611		
9/9/12 0:11	144660	2411	29.313	19.101	134.821	2.618		
9/9/12 0:26	145560	2426	29.313	19.1	134.821	2.618		
9/9/12 0:41	146460	2441	29.312	19.1	134.823	2.62		
9/9/12 0:56	147360	2456	29.312	19.099	134.824	2.621		
9/9/12 1:11	148260	2471	29.311	19.098	134.825	2.622		
9/9/12 1:26	149160	2486	29.31	19.098	134.829	2.626		
9/9/12 1:41	150060	2501	29.31	19.098	134.828	2.625		
9/9/12 1:56	150960	2516	29.309	19.097	134.831	2.628		
9/9/12 2:11	151860	2531	29.307	19.099	134.834	2.631		
9/9/12 2:26	152760	2546	29.308	19.098	134.834	2.631		
9/9/12 2:41	153660	2561	29.304	19.098	134.842	2.639		
9/9/12 2:56	154560	2576	29.305	19.101	134.839	2.636		
9/9/12 3:11	155460	2591	29.304	19.1	134.843	2.64		
9/9/12 3:26	156360	2606	29.301	19.097	134.85	2.647		
9/9/12 3:41	157260	2621	29.3	19.099	134.852	2.649		
9/9/12 3:56	158160	2636	29.3	19.097	134.851	2.648		
9/9/12 4:11	159060	2651	29.299	19.1	134.854	2.651		
9/9/12 4:26	159960	2666	29.299	19.1	134.854	2.651		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 4:41	160860	2681	29.296	19.101	134.86	2.657		
9/9/12 4:56	161760	2696	29.296	19.101	134.861	2.658		
9/9/12 5:11	162660	2711	29.297	19.097	134.859	2.656		
9/9/12 5:26	163560	2726	29.294	19.098	134.865	2.662		
9/9/12 5:41	164460	2741	29.294	19.095	134.865	2.662		
9/9/12 5:56	165360	2756	29.293	19.099	134.868	2.665		
9/9/12 6:11	166260	2771	29.29	19.097	134.873	2.67		
9/9/12 6:26	167160	2786	29.29	19.098	134.874	2.671		
9/9/12 6:41	168060	2801	29.288	19.098	134.879	2.676		
9/9/12 6:56	168960	2816	29.288	19.097	134.879	2.676		
9/9/12 7:11	169860	2831	29.288	19.1	134.879	2.676		
9/9/12 7:26	170760	2846	29.286	19.098	134.884	2.681		
9/9/12 7:41	171660	2861	29.285	19.1	134.887	2.684		
9/9/12 7:56	172560	2876	29.283	19.098	134.891	2.688		
9/9/12 8:11	173460	2891	29.284	19.098	134.888	2.685		
9/9/12 8:26	174360	2906	29.283	19.098	134.891	2.688		
9/9/12 8:41	175260	2921	29.282	19.096	134.892	2.689		
9/9/12 8:56	176160	2936	29.282	19.095	134.892	2.689		
9/9/12 9:11	177060	2951	29.281	19.096	134.895	2.692		
9/9/12 9:26	177960	2966	29.282	19.097	134.892	2.689		
9/9/12 9:41	178860	2981	29.283	19.099	134.89	2.687		
9/9/12 9:56	179760	2996	29.283	19.098	134.892	2.689		
9/9/12 10:11	180660	3011	29.283	19.097	134.89	2.687		
9/9/12 10:26	181560	3026	29.284	19.095	134.888	2.685		
9/9/12 10:41	182460	3041	29.283	19.096	134.891	2.688		
9/9/12 10:56	183360	3056	29.282	19.099	134.893	2.69		
9/9/12 11:11	184260	3071	29.281	19.096	134.895	2.692		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 11:26	185160	3086	29.282	19.096	134.892	2.689		
9/9/12 11:41	186060	3101	29.282	19.097	134.893	2.69		
9/9/12 11:56	186960	3116	29.281	19.099	134.894	2.691		
9/9/12 12:11	187860	3131	29.282	19.096	134.893	2.69		
9/9/12 12:26	188760	3146	29.282	19.096	134.893	2.69		
9/9/12 12:41	189660	3161	29.282	19.096	134.893	2.69		
9/9/12 12:56	190560	3176	29.283	19.097	134.891	2.688		
9/9/12 13:11	191460	3191	29.284	19.097	134.888	2.685		
9/9/12 13:26	192360	3206	29.283	19.096	134.891	2.688		
9/9/12 13:41	193260	3221	29.283	19.098	134.891	2.688		
9/9/12 13:56	194160	3236	29.283	19.095	134.891	2.688		
9/9/12 14:11	195060	3251	29.282	19.095	134.892	2.689		
9/9/12 14:26	195960	3266	29.282	19.1	134.893	2.69		
9/9/12 14:41	196860	3281	29.281	19.1	134.894	2.691		
9/9/12 14:56	197760	3296	29.276	19.099	134.907	2.704		
9/9/12 15:11	198660	3311	29.276	19.098	134.908	2.705		
9/9/12 15:26	199560	3326	29.276	19.096	134.907	2.704		
9/9/12 15:41	200460	3341	29.275	19.099	134.909	2.706		
9/9/12 15:56	201360	3356	29.276	19.097	134.907	2.704		
9/9/12 16:11	202260	3371	29.275	19.095	134.909	2.706		
9/9/12 16:26	203160	3386	29.274	19.097	134.911	2.708		
9/9/12 16:41	204060	3401	29.276	19.095	134.907	2.704		
9/9/12 16:56	204960	3416	29.276	19.096	134.907	2.704		
9/9/12 17:11	205860	3431	29.273	19.099	134.913	2.71		
9/9/12 17:26	206760	3446	29.273	19.099	134.914	2.711		
9/9/12 17:41	207660	3461	29.271	19.099	134.918	2.715		
9/9/12 17:56	208560	3476	29.268	19.1	134.924	2.721		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 18:11	209460	3491	29.269	19.095	134.923	2.72		
9/9/12 18:26	210360	3506	29.269	19.096	134.923	2.72		
9/9/12 18:41	211260	3521	29.268	19.098	134.925	2.722		
9/9/12 18:56	212160	3536	29.267	19.098	134.928	2.725		
9/9/12 19:11	213060	3551	29.267	19.096	134.928	2.725		
9/9/12 19:26	213960	3566	29.264	19.1	134.934	2.731		
9/9/12 19:41	214860	3581	29.263	19.097	134.936	2.733		
9/9/12 19:56	215760	3596	29.262	19.098	134.939	2.736		
9/9/12 20:11	216660	3611	29.259	19.098	134.947	2.744		
9/9/12 20:26	217560	3626	29.259	19.095	134.946	2.743		
9/9/12 20:41	218460	3641	29.258	19.098	134.947	2.744		
9/9/12 20:56	219360	3656	29.257	19.096	134.951	2.748		
9/9/12 21:11	220260	3671	29.256	19.099	134.953	2.75		
9/9/12 21:26	221160	3686	29.258	19.098	134.948	2.745		
9/9/12 21:41	222060	3701	29.257	19.098	134.95	2.747		
9/9/12 21:56	222960	3716	29.259	19.095	134.946	2.743		
9/9/12 22:11	223860	3731	29.257	19.096	134.95	2.747		
9/9/12 22:26	224760	3746	29.259	19.097	134.946	2.743		
9/9/12 22:41	225660	3761	29.258	19.096	134.948	2.745		
9/9/12 22:56	226560	3776	29.258	19.098	134.948	2.745		
9/9/12 23:11	227460	3791	29.259	19.096	134.946	2.743		
9/9/12 23:26	228360	3806	29.257	19.095	134.951	2.748		
9/9/12 23:41	229260	3821	29.256	19.095	134.952	2.749		
9/9/12 23:56	230160	3836	29.255	19.097	134.956	2.753		
9/10/12 0:11	231060	3851	29.255	19.101	134.956	2.753		
9/10/12 0:26	231960	3866	29.255	19.099	134.955	2.752		
9/10/12 0:41	232860	3881	29.256	19.095	134.952	2.749		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 0:56	233760	3896	29.254	19.096	134.956	2.753		
9/10/12 1:11	234660	3911	29.254	19.096	134.958	2.755		
9/10/12 1:26	235560	3926	29.253	19.099	134.959	2.756		
9/10/12 1:41	236460	3941	29.252	19.1	134.962	2.759		
9/10/12 1:56	237360	3956	29.254	19.099	134.957	2.754		
9/10/12 2:11	238260	3971	29.253	19.097	134.959	2.756		
9/10/12 2:26	239160	3986	29.254	19.096	134.957	2.754		
9/10/12 2:41	240060	4001	29.255	19.095	134.956	2.753		
9/10/12 2:56	240960	4016	29.254	19.096	134.957	2.754		
9/10/12 3:11	241860	4031	29.255	19.096	134.954	2.751		
9/10/12 3:26	242760	4046	29.254	19.096	134.958	2.755		
9/10/12 3:41	243660	4061	29.252	19.097	134.962	2.759		
9/10/12 3:56	244560	4076	29.253	19.095	134.961	2.758		
9/10/12 4:11	245460	4091	29.253	19.097	134.96	2.757		
9/10/12 4:26	246360	4106	29.251	19.098	134.965	2.762		
9/10/12 4:41	247260	4121	29.251	19.094	134.964	2.761		
9/10/12 4:56	248160	4136	29.251	19.094	134.964	2.761		
9/10/12 5:11	249060	4151	29.251	19.098	134.964	2.761		
9/10/12 5:26	249960	4166	29.25	19.095	134.967	2.764		
9/10/12 5:41	250860	4181	29.249	19.098	134.969	2.766		
9/10/12 5:56	251760	4196	29.248	19.095	134.971	2.768		
9/10/12 6:11	252660	4211	29.246	19.096	134.976	2.773		
9/10/12 6:26	253560	4226	29.246	19.098	134.976	2.773		
9/10/12 6:41	254460	4241	29.244	19.094	134.981	2.778		
9/10/12 6:56	255360	4256	29.243	19.096	134.982	2.779		
9/10/12 7:11	256260	4271	29.243	19.096	134.982	2.779		
9/10/12 7:26	257160	4286	29.242	19.094	134.985	2.782		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 7:41	258060	4301	29.243	19.093	134.983	2.78		
9/10/12 7:56	258960	4316	29.242	19.095	134.986	2.783		
9/10/12 8:11	259860	4331	29.241	19.098	134.987	2.784		
9/10/12 8:26	260760	4346	29.242	19.097	134.984	2.781		
9/10/12 8:41	261660	4361	29.24	19.097	134.99	2.787		
9/10/12 8:56	262560	4376	29.241	19.098	134.987	2.784		
9/10/12 9:11	263460	4391	29.241	19.098	134.988	2.785		
9/10/12 9:26	264360	4406	29.242	19.096	134.985	2.782		
9/10/12 9:41	265260	4421	29.242	19.097	134.984	2.781		
9/10/12 9:56	266160	4436	29.24	19.095	134.99	2.787		
9/10/12 10:11	267060	4451	29.239	19.097	134.991	2.788		
9/10/12 10:26	267960	4466	29.244	19.095	134.982	2.779		
9/10/12 10:41	268860	4481	29.242	19.099	134.985	2.782		
9/10/12 10:56	269760	4496	29.242	19.098	134.984	2.781		
9/10/12 11:11	270660	4511	29.243	19.095	134.983	2.78		
9/10/12 11:26	271560	4526	29.244	19.095	134.98	2.777		
9/10/12 11:41	272460	4541	29.244	19.095	134.981	2.778		
9/10/12 11:56	273360	4556	29.241	19.095	134.986	2.783		
9/10/12 12:11	274260	4571	29.244	19.097	134.98	2.777		
9/10/12 12:26	275160	4586	29.245	19.095	134.978	2.775		
9/10/12 12:41	276060	4601	29.246	19.095	134.975	2.772		
9/10/12 12:56	276960	4616	29.246	19.095	134.976	2.773		
9/10/12 13:05							134.78	
9/10/12 13:11	277860	4631	29.247	19.096	134.973	2.77		
9/10/12 13:26	278760	4646	29.251	19.095	134.965	2.762		
9/10/12 13:41	279660	4661	29.251	19.097	134.964	2.761		
9/10/12 13:56	280560	4676	29.252	19.097	134.962	2.759		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 14:11	281460	4691	29.252	19.097	134.963	2.76		
9/10/12 14:26	282360	4706	29.253	19.099	134.96	2.757		
9/10/12 14:41	283260	4721	29.25	19.098	134.967	2.764		
9/10/12 14:56	284160	4736	29.25	19.095	134.967	2.764		
9/10/12 15:11	285060	4751	29.253	19.097	134.96	2.757		
9/10/12 15:26	285960	4766	29.251	19.096	134.965	2.762		
9/10/12 15:41	286860	4781	29.25	19.096	134.967	2.764		
9/10/12 15:56	287760	4796	29.249	19.097	134.968	2.765		
9/10/12 16:11	288660	4811	29.249	19.097	134.97	2.767		
9/10/12 16:26	289560	4826	29.248	19.095	134.97	2.767		
9/10/12 16:41	290460	4841	29.249	19.098	134.969	2.766		
9/10/12 16:56	291360	4856	29.246	19.097	134.975	2.772		
9/10/12 17:11	292260	4871	29.245	19.094	134.977	2.774		
9/10/12 17:26	293160	4886	29.246	19.095	134.976	2.773		
9/10/12 17:41	294060	4901	29.242	19.095	134.986	2.783		
9/10/12 17:56	294960	4916	29.243	19.096	134.983	2.78		
9/10/12 18:11	295860	4931	29.239	19.096	134.991	2.788		
9/10/12 18:26	296760	4946	29.239	19.095	134.992	2.789		
9/10/12 18:41	297660	4961	29.237	19.095	134.996	2.793		
9/10/12 18:56	298560	4976	29.236	19.096	134.999	2.796		
9/10/12 19:11	299460	4991	29.233	19.093	135.005	2.802		
9/10/12 19:26	300360	5006	29.232	19.096	135.008	2.805		
9/10/12 19:41	301260	5021	29.233	19.096	135.005	2.802		
9/10/12 19:56	302160	5036	29.232	19.096	135.008	2.805		
9/10/12 20:11	303060	5051	29.23	19.097	135.012	2.809		
9/10/12 20:26	303960	5066	29.231	19.099	135.01	2.807		
9/10/12 20:41	304860	5081	29.231	19.096	135.01	2.807		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 20:56	305760	5096	29.23	19.096	135.012	2.809		
9/10/12 21:11	306660	5111	29.229	19.095	135.015	2.812		
9/10/12 21:26	307560	5126	29.23	19.095	135.014	2.811		
9/10/12 21:41	308460	5141	29.229	19.094	135.014	2.811		
9/10/12 21:56	309360	5156	29.229	19.097	135.016	2.813		
9/10/12 22:11	310260	5171	29.228	19.098	135.017	2.814		
9/10/12 22:26	311160	5186	29.229	19.099	135.015	2.812		
9/10/12 22:41	312060	5201	29.228	19.095	135.017	2.814		
9/10/12 22:56	312960	5216	29.227	19.096	135.02	2.817		
9/10/12 23:11	313860	5231	29.228	19.1	135.017	2.814		
9/10/12 23:26	314760	5246	29.228	19.097	135.017	2.814		
9/10/12 23:41	315660	5261	29.229	19.095	135.014	2.811		
9/10/12 23:56	316560	5276	29.23	19.096	135.013	2.81		
9/11/12 0:11	317460	5291	29.229	19.095	135.015	2.812		
9/11/12 0:26	318360	5306	29.228	19.095	135.018	2.815		
9/11/12 0:41	319260	5321	29.228	19.095	135.017	2.814		
9/11/12 0:56	320160	5336	29.229	19.094	135.015	2.812		
9/11/12 1:11	321060	5351	29.228	19.095	135.018	2.815		
9/11/12 1:26	321960	5366	29.23	19.094	135.013	2.81		
9/11/12 1:41	322860	5381	29.229	19.097	135.015	2.812		
9/11/12 1:56	323760	5396	29.229	19.095	135.015	2.812		
9/11/12 2:11	324660	5411	29.23	19.099	135.014	2.811		
9/11/12 2:26	325560	5426	29.229	19.095	135.016	2.813		
9/11/12 2:41	326460	5441	29.229	19.098	135.016	2.813		
9/11/12 2:56	327360	5456	29.228	19.098	135.016	2.813		
9/11/12 3:11	328260	5471	29.227	19.094	135.019	2.816		
9/11/12 3:26	329160	5486	29.228	19.096	135.017	2.814		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 3:41	330060	5501	29.228	19.097	135.017	2.814		
9/11/12 3:56	330960	5516	29.228	19.094	135.017	2.814		
9/11/12 4:11	331860	5531	29.228	19.094	135.018	2.815		
9/11/12 4:26	332760	5546	29.226	19.094	135.021	2.818		
9/11/12 4:41	333660	5561	29.226	19.094	135.021	2.818		
9/11/12 4:56	334560	5576	29.225	19.093	135.024	2.821		
9/11/12 5:11	335460	5591	29.223	19.094	135.029	2.826		
9/11/12 5:26	336360	5606	29.226	19.095	135.023	2.82		
9/11/12 5:41	337260	5621	29.224	19.094	135.027	2.824		
9/11/12 5:56	338160	5636	29.222	19.096	135.031	2.828		
9/11/12 6:11	339060	5651	29.222	19.091	135.032	2.829		
9/11/12 6:26	339960	5666	29.22	19.092	135.036	2.833		
9/11/12 6:41	340860	5681	29.218	19.096	135.04	2.837		
9/11/12 6:56	341760	5696	29.217	19.097	135.042	2.839		
9/11/12 7:11	342660	5711	29.217	19.095	135.044	2.841		
9/11/12 7:26	343560	5726	29.217	19.095	135.043	2.84		
9/11/12 7:41	344460	5741	29.217	19.095	135.042	2.839		
9/11/12 7:56	345360	5756	29.217	19.095	135.044	2.841		
9/11/12 8:11	346260	5771	29.214	19.095	135.05	2.847		
9/11/12 8:26	347160	5786	29.216	19.095	135.046	2.843		
9/11/12 8:41	348060	5801	29.216	19.093	135.046	2.843		
9/11/12 8:56	348960	5816	29.214	19.095	135.049	2.846		
9/11/12 9:11	349860	5831	29.213	19.095	135.051	2.848		
9/11/12 9:26	350760	5846	29.214	19.094	135.05	2.847		
9/11/12 9:41	351660	5861	29.214	19.095	135.049	2.846		
9/11/12 9:56	352560	5876	29.215	19.093	135.047	2.844		
9/11/12 10:11	353460	5891	29.215	19.093	135.046	2.843		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 10:26	354360	5906	29.216	19.095	135.046	2.843		
9/11/12 10:41	355260	5921	29.216	19.095	135.044	2.841		
9/11/12 10:56	356160	5936	29.219	19.096	135.039	2.836		
9/11/12 11:11	357060	5951	29.217	19.095	135.042	2.839		
9/11/12 11:26	357960	5966	29.218	19.095	135.042	2.839		
9/11/12 11:41	358860	5981	29.217	19.094	135.043	2.84		
9/11/12 11:56	359760	5996	29.218	19.095	135.04	2.837		
9/11/12 12:11	360660	6011	29.218	19.097	135.04	2.837		
9/11/12 12:26	361560	6026	29.219	19.097	135.038	2.835		
9/11/12 12:41	362460	6041	29.221	19.094	135.034	2.831		
9/11/12 12:56	363360	6056	29.221	19.095	135.033	2.83		
9/11/12 13:11	364260	6071	29.223	19.095	135.029	2.826		
9/11/12 13:26	365160	6086	29.225	19.096	135.025	2.822		
9/11/12 13:40							134.86	
9/11/12 13:41	366060	6101	29.224	19.095	135.027	2.824		
9/11/12 13:56	366960	6116	29.223	19.093	135.029	2.826		
9/11/12 14:11	367860	6131	29.222	19.095	135.032	2.829		
9/11/12 14:26	368760	6146	29.22	19.097	135.035	2.832		
9/11/12 14:41	369660	6161	29.223	19.096	135.028	2.825		
9/11/12 14:56	370560	6176	29.219	19.094	135.039	2.836		
9/11/12 15:11	371460	6191	29.217	19.097	135.043	2.84		
9/11/12 15:26	372360	6206	29.218	19.096	135.04	2.837		
9/11/12 15:41	373260	6221	29.217	19.095	135.042	2.839		
9/11/12 15:56	374160	6236	29.217	19.097	135.044	2.841		
9/11/12 16:11	375060	6251	29.217	19.095	135.043	2.84		
9/11/12 16:26	375960	6266	29.215	19.094	135.048	2.845		
9/11/12 16:41	376860	6281	29.214	19.095	135.051	2.848		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 16:56	377760	6296	29.213	19.095	135.053	2.85		
9/11/12 17:11	378660	6311	29.212	19.095	135.053	2.85		
9/11/12 17:26	379560	6326	29.212	19.094	135.054	2.851		
9/11/12 17:41	380460	6341	29.213	19.093	135.052	2.849		
9/11/12 17:56	381360	6356	29.212	19.095	135.055	2.852		
9/11/12 18:11	382260	6371	29.211	19.094	135.056	2.853		
9/11/12 18:26	383160	6386	29.211	19.094	135.057	2.854		
9/11/12 18:41	384060	6401	29.212	19.095	135.055	2.852		
9/11/12 18:56	384960	6416	29.211	19.097	135.057	2.854		
9/11/12 19:11	385860	6431	29.21	19.095	135.059	2.856		
9/11/12 19:26	386760	6446	29.21	19.094	135.06	2.857		
9/11/12 19:41	387660	6461	29.208	19.092	135.064	2.861		
9/11/12 19:56	388560	6476	29.206	19.095	135.068	2.865		
9/11/12 20:11	389460	6491	29.206	19.093	135.068	2.865		
9/11/12 20:26	390360	6506	29.205	19.096	135.07	2.867		
9/11/12 20:41	391260	6521	29.206	19.094	135.069	2.866		
9/11/12 20:56	392160	6536	29.205	19.096	135.071	2.868		
9/11/12 21:11	393060	6551	29.203	19.095	135.076	2.873		
9/11/12 21:26	393960	6566	29.203	19.095	135.075	2.872		
9/11/12 21:41	394860	6581	29.203	19.093	135.076	2.873		
9/11/12 21:56	395760	6596	29.204	19.095	135.074	2.871		
9/11/12 22:11	396660	6611	29.203	19.095	135.075	2.872		
9/11/12 22:26	397560	6626	29.203	19.094	135.076	2.873		
9/11/12 22:41	398460	6641	29.203	19.098	135.075	2.872		
9/11/12 22:56	399360	6656	29.202	19.093	135.077	2.874		
9/11/12 23:11	400260	6671	29.202	19.094	135.077	2.874		
9/11/12 23:26	401160	6686	29.204	19.095	135.073	2.87		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 23:41	402060	6701	29.203	19.092	135.075	2.872		
9/11/12 23:56	402960	6716	29.204	19.096	135.073	2.87		
9/12/12 0:11	403860	6731	29.203	19.093	135.074	2.871		
9/12/12 0:26	404760	6746	29.204	19.094	135.073	2.87		
9/12/12 0:41	405660	6761	29.203	19.091	135.075	2.872		
9/12/12 0:56	406560	6776	29.204	19.095	135.074	2.871		
9/12/12 1:11	407460	6791	29.203	19.096	135.076	2.873		
9/12/12 1:26	408360	6806	29.205	19.098	135.071	2.868		
9/12/12 1:41	409260	6821	29.204	19.096	135.073	2.87		
9/12/12 1:56	410160	6836	29.204	19.093	135.074	2.871		
9/12/12 2:11	411060	6851	29.203	19.092	135.076	2.873		
9/12/12 2:26	411960	6866	29.204	19.094	135.074	2.871		
9/12/12 2:41	412860	6881	29.203	19.094	135.075	2.872		
9/12/12 2:56	413760	6896	29.203	19.095	135.074	2.871		
9/12/12 3:11	414660	6911	29.204	19.094	135.073	2.87		
9/12/12 3:26	415560	6926	29.202	19.091	135.077	2.874		
9/12/12 3:41	416460	6941	29.203	19.095	135.076	2.873		
9/12/12 3:56	417360	6956	29.201	19.095	135.079	2.876		
9/12/12 4:11	418260	6971	29.203	19.094	135.074	2.871		
9/12/12 4:26	419160	6986	29.202	19.093	135.077	2.874		
9/12/12 4:41	420060	7001	29.2	19.096	135.081	2.878		
9/12/12 4:56	420960	7016	29.199	19.097	135.086	2.883		
9/12/12 5:11	421860	7031	29.198	19.095	135.087	2.884		
9/12/12 5:26	422760	7046	29.198	19.093	135.088	2.885		
9/12/12 5:41	423660	7061	29.199	19.095	135.086	2.883		
9/12/12 5:56	424560	7076	29.198	19.092	135.087	2.884		
9/12/12 6:11	425460	7091	29.197	19.094	135.089	2.886		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 6:26	426360	7106	29.194	19.095	135.095	2.892		
9/12/12 6:41	427260	7121	29.194	19.094	135.095	2.892		
9/12/12 6:56	428160	7136	29.192	19.095	135.1	2.897		
9/12/12 7:11	429060	7151	29.193	19.093	135.099	2.896		
9/12/12 7:26	429960	7166	29.191	19.094	135.102	2.899		
9/12/12 7:41	430860	7181	29.193	19.093	135.099	2.896		
9/12/12 7:56	431760	7196	29.193	19.094	135.098	2.895		
9/12/12 8:11	432660	7211	29.193	19.095	135.099	2.896		
9/12/12 8:26	433560	7226	29.192	19.093	135.101	2.898		
9/12/12 8:41	434460	7241	29.191	19.096	135.103	2.9		
9/12/12 8:56	435360	7256	29.192	19.093	135.101	2.898		
9/12/12 9:11	436260	7271	29.19	19.095	135.105	2.902		
9/12/12 9:26	437160	7286	29.19	19.095	135.105	2.902		
9/12/12 9:41	438060	7301	29.191	19.095	135.103	2.9		
9/12/12 9:56	438960	7316	29.191	19.095	135.104	2.901		
9/12/12 10:11	439860	7331	29.191	19.092	135.102	2.899		
9/12/12 10:26	440760	7346	29.19	19.094	135.105	2.902		
9/12/12 10:41	441660	7361	29.191	19.094	135.102	2.899		
9/12/12 10:56	442560	7376	29.193	19.094	135.099	2.896		
9/12/12 11:11	443460	7391	29.193	19.091	135.098	2.895		
9/12/12 11:26	444360	7406	29.192	19.095	135.101	2.898		
9/12/12 11:41	445260	7421	29.192	19.096	135.101	2.898		
9/12/12 11:56	446160	7436	29.193	19.095	135.097	2.894		
9/12/12 12:11	447060	7451	29.194	19.092	135.095	2.892		
9/12/12 12:26	447960	7466	29.195	19.094	135.093	2.89		
9/12/12 12:41	448860	7481	29.196	19.094	135.091	2.888		
9/12/12 12:56	449760	7496	29.195	19.092	135.093	2.89		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 13:11	450660	7511	29.195	19.096	135.093	2.89		
9/12/12 13:26	451560	7526	29.199	19.093	135.085	2.882		
9/12/12 13:41	452460	7541	29.197	19.093	135.088	2.885		
9/12/12 13:56	453360	7556	29.199	19.095	135.085	2.882		
9/12/12 14:11	454260	7571	29.198	19.093	135.087	2.884		
9/12/12 14:26	455160	7586	29.199	19.095	135.085	2.882		
9/12/12 14:41	456060	7601	29.201	19.094	135.08	2.877		
9/12/12 14:56	456960	7616	29.199	19.095	135.083	2.88		
9/12/12 15:11	457860	7631	29.199	19.094	135.085	2.882		
9/12/12 15:26	458760	7646	29.201	19.094	135.08	2.877		
9/12/12 15:41	459660	7661	29.199	19.095	135.084	2.881		
9/12/12 15:56	460560	7676	29.2	19.097	135.082	2.879		
9/12/12 16:11	461460	7691	29.199	19.095	135.085	2.882		
9/12/12 16:26	462360	7706	29.199	19.092	135.085	2.882		
9/12/12 16:41	463260	7721	29.199	19.094	135.085	2.882		
9/12/12 16:56	464160	7736	29.197	19.095	135.088	2.885		
9/12/12 17:11	465060	7751	29.197	19.093	135.088	2.885		
9/12/12 17:26	465960	7766	29.196	19.091	135.092	2.889		
9/12/12 17:41	466860	7781	29.194	19.094	135.095	2.892		
9/12/12 17:56	467760	7796	29.193	19.092	135.099	2.896		
9/12/12 18:11	468660	7811	29.193	19.095	135.099	2.896		
9/12/12 18:26	469560	7826	29.192	19.092	135.102	2.899		
9/12/12 18:41	470460	7841	29.19	19.093	135.105	2.902		
9/12/12 18:56	471360	7856	29.191	19.098	135.103	2.9		
9/12/12 19:11	472260	7871	29.19	19.096	135.104	2.901		
9/12/12 19:26	473160	7886	29.187	19.091	135.111	2.908		
9/12/12 19:41	474060	7901	29.187	19.093	135.113	2.91		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 19:56	474960	7916	29.184	19.093	135.119	2.916		
9/12/12 20:11	475860	7931	29.182	19.095	135.123	2.92		
9/12/12 20:26	476760	7946	29.183	19.094	135.121	2.918		
9/12/12 20:41	477660	7961	29.18	19.092	135.127	2.924		
9/12/12 20:56	478560	7976	29.181	19.095	135.127	2.924		
9/12/12 21:11	479460	7991	29.182	19.093	135.124	2.921		
9/12/12 21:26	480360	8006	29.179	19.094	135.13	2.927		
9/12/12 21:41	481260	8021	29.18	19.092	135.128	2.925		
9/12/12 21:56	482160	8036	29.179	19.094	135.13	2.927		
9/12/12 22:11	483060	8051	29.182	19.094	135.124	2.921		
9/12/12 22:26	483960	8066	29.182	19.093	135.123	2.92		
9/12/12 22:41	484860	8081	29.182	19.092	135.124	2.921		
9/12/12 22:56	485760	8096	29.182	19.092	135.123	2.92		
9/12/12 23:11	486660	8111	29.181	19.092	135.126	2.923		
9/12/12 23:26	487560	8126	29.183	19.094	135.121	2.918		
9/12/12 23:41	488460	8141	29.181	19.095	135.126	2.923		
9/12/12 23:56	489360	8156	29.181	19.091	135.127	2.924		
9/13/12 0:11	490260	8171	29.182	19.094	135.123	2.92		
9/13/12 0:26	491160	8186	29.183	19.092	135.121	2.918		
9/13/12 0:41	492060	8201	29.183	19.093	135.121	2.918		
9/13/12 0:56	492960	8216	29.182	19.095	135.124	2.921		
9/13/12 1:11	493860	8231	29.182	19.093	135.123	2.92		
9/13/12 1:26	494760	8246	29.182	19.093	135.123	2.92		
9/13/12 1:41	495660	8261	29.183	19.093	135.122	2.919		
9/13/12 1:56	496560	8276	29.182	19.09	135.124	2.921		
9/13/12 2:11	497460	8291	29.181	19.095	135.125	2.922		
9/13/12 2:26	498360	8306	29.184	19.095	135.12	2.917		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 2:41	499260	8321	29.183	19.09	135.122	2.919		
9/13/12 2:56	500160	8336	29.184	19.094	135.12	2.917		
9/13/12 3:11	501060	8351	29.183	19.094	135.122	2.919		
9/13/12 3:26	501960	8366	29.182	19.092	135.124	2.921		
9/13/12 3:41	502860	8381	29.182	19.094	135.124	2.921		
9/13/12 3:56	503760	8396	29.181	19.095	135.127	2.924		
9/13/12 4:11	504660	8411	29.182	19.094	135.124	2.921		
9/13/12 4:26	505560	8426	29.179	19.095	135.131	2.928		
9/13/12 4:41	506460	8441	29.178	19.093	135.132	2.929		
9/13/12 4:56	507360	8456	29.179	19.095	135.132	2.929		
9/13/12 5:11	508260	8471	29.179	19.094	135.13	2.927		
9/13/12 5:26	509160	8486	29.177	19.097	135.135	2.932		
9/13/12 5:41	510060	8501	29.176	19.093	135.137	2.934		
9/13/12 5:56	510960	8516	29.177	19.094	135.135	2.932		
9/13/12 6:11	511860	8531	29.177	19.089	135.135	2.932		
9/13/12 6:26	512760	8546	29.176	19.094	135.137	2.934		
9/13/12 6:41	513660	8561	29.175	19.095	135.139	2.936		
9/13/12 6:56	514560	8576	29.173	19.098	135.144	2.941		
9/13/12 7:11	515460	8591	29.172	19.093	135.146	2.943		
9/13/12 7:26	516360	8606	29.173	19.094	135.143	2.94		
9/13/12 7:41	517260	8621	29.171	19.093	135.148	2.945		
9/13/12 7:56	518160	8636	29.171	19.094	135.149	2.946		
9/13/12 8:11	519060	8651	29.171	19.093	135.149	2.946		
9/13/12 8:26	519960	8666	29.172	19.093	135.147	2.944		
9/13/12 8:41	520860	8681	29.17	19.089	135.151	2.948		
9/13/12 8:56	521760	8696	29.171	19.093	135.149	2.946		
9/13/12 9:11	522660	8711	29.17	19.094	135.152	2.949		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 9:26	523560	8726	29.17	19.095	135.151	2.948		
9/13/12 9:41	524460	8741	29.171	19.091	135.149	2.946		
9/13/12 9:56	525360	8756	29.171	19.095	135.148	2.945		
9/13/12 10:11	526260	8771	29.17	19.09	135.151	2.948		
9/13/12 10:26	527160	8786	29.169	19.092	135.153	2.95		
9/13/12 10:41	528060	8801	29.169	19.093	135.154	2.951		
9/13/12 10:56	528960	8816	29.171	19.094	135.149	2.946		
9/13/12 11:11	529860	8831	29.171	19.091	135.149	2.946		
9/13/12 11:26	530760	8846	29.171	19.095	135.149	2.946		
9/13/12 11:41	531660	8861	29.173	19.093	135.145	2.942		
9/13/12 11:56	532560	8876	29.173	19.095	135.144	2.941		
9/13/12 12:11	533460	8891	29.175	19.091	135.141	2.938		
9/13/12 12:26	534360	8906	29.175	19.096	135.14	2.937		
9/13/12 12:41	535260	8921	29.176	19.095	135.137	2.934		
9/13/12 12:56	536160	8936	29.177	19.093	135.136	2.933		
9/13/12 13:11	537060	8951	29.178	19.092	135.133	2.93		
9/13/12 13:26	537960	8966	29.178	19.093	135.133	2.93		
9/13/12 13:41	538860	8981	29.178	19.096	135.133	2.93		
9/13/12 13:56	539760	8996	29.179	19.094	135.13	2.927		
9/13/12 14:11	540660	9011	29.177	19.09	135.134	2.931		
9/13/12 14:26	541560	9026	29.178	19.092	135.133	2.93		
9/13/12 14:41	542460	9041	29.178	19.093	135.134	2.931		
9/13/12 14:56	543360	9056	29.178	19.095	135.133	2.93		
9/13/12 15:11	544260	9071	29.179	19.094	135.132	2.929		
9/13/12 15:26	545160	9086	29.179	19.091	135.131	2.928		
9/13/12 15:41	546060	9101	29.178	19.093	135.133	2.93		
9/13/12 15:56	546960	9116	29.177	19.091	135.136	2.933		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 16:11	547860	9131	29.178	19.094	135.134	2.931		
9/13/12 16:26	548760	9146	29.176	19.093	135.137	2.934		
9/13/12 16:41	549660	9161	29.176	19.094	135.138	2.935		
9/13/12 16:56	550560	9176	29.176	19.092	135.137	2.934		
9/13/12 17:11	551460	9191	29.174	19.093	135.143	2.94		
9/13/12 17:26	552360	9206	29.174	19.093	135.142	2.939		
9/13/12 17:41	553260	9221	29.173	19.095	135.145	2.942		
9/13/12 17:56	554160	9236	29.172	19.093	135.148	2.945		
9/13/12 18:11	555060	9251	29.174	19.093	135.142	2.939		
9/13/12 18:26	555960	9266	29.173	19.094	135.145	2.942		
9/13/12 18:41	556860	9281	29.171	19.095	135.15	2.947		
9/13/12 18:56	557760	9296	29.17	19.092	135.152	2.949		
9/13/12 19:11	558660	9311	29.169	19.095	135.154	2.951		
9/13/12 19:26	559560	9326	29.168	19.092	135.156	2.953		
9/13/12 19:41	560460	9341	29.165	19.095	135.162	2.959		
9/13/12 19:56	561360	9356	29.164	19.092	135.164	2.961		
9/13/12 20:11	562260	9371	29.164	19.094	135.166	2.963		
9/13/12 20:26	563160	9386	29.161	19.09	135.172	2.969		
9/13/12 20:41	564060	9401	29.162	19.091	135.169	2.966		
9/13/12 20:56	564960	9416	29.161	19.094	135.172	2.969		
9/13/12 21:11	565860	9431	29.161	19.096	135.171	2.968		
9/13/12 21:26	566760	9446	29.161	19.095	135.171	2.968		
9/13/12 21:41	567660	9461	29.16	19.095	135.174	2.971		
9/13/12 21:56	568560	9476	29.16	19.096	135.174	2.971		
9/13/12 22:11	569460	9491	29.161	19.094	135.172	2.969		
9/13/12 22:26	570360	9506	29.161	19.095	135.172	2.969		
9/13/12 22:41	571260	9521	29.159	19.091	135.176	2.973		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 22:56	572160	9536	29.162	19.092	135.171	2.968		
9/13/12 23:11	573060	9551	29.161	19.095	135.172	2.969		
9/13/12 23:26	573960	9566	29.161	19.094	135.172	2.969		
9/13/12 23:41	574860	9581	29.162	19.093	135.169	2.966		
9/13/12 23:56	575760	9596	29.162	19.093	135.17	2.967		
9/14/12 0:11	576660	9611	29.162	19.092	135.169	2.966		
9/14/12 0:26	577560	9626	29.162	19.091	135.17	2.967		
9/14/12 0:41	578460	9641	29.161	19.096	135.172	2.969		
9/14/12 0:56	579360	9656	29.161	19.091	135.172	2.969		
9/14/12 1:11	580260	9671	29.159	19.094	135.177	2.974		
9/14/12 1:26	581160	9686	29.16	19.091	135.174	2.971		
9/14/12 1:41	582060	9701	29.162	19.092	135.17	2.967		
9/14/12 1:56	582960	9716	29.163	19.093	135.168	2.965		
9/14/12 2:11	583860	9731	29.162	19.093	135.169	2.966		
9/14/12 2:26	584760	9746	29.163	19.092	135.167	2.964		
9/14/12 2:41	585660	9761	29.156	19.093	135.183	2.98		
9/14/12 2:56	586560	9776	29.161	19.095	135.172	2.969		
9/14/12 3:11	587460	9791	29.161	19.093	135.172	2.969		
9/14/12 3:26	588360	9806	29.159	19.094	135.176	2.973		
9/14/12 3:41	589260	9821	29.16	19.092	135.175	2.972		
9/14/12 3:56	590160	9836	29.161	19.095	135.173	2.97		
9/14/12 4:11	591060	9851	29.161	19.093	135.173	2.97		
9/14/12 4:26	591960	9866	29.161	19.09	135.171	2.968		
9/14/12 4:41	592860	9881	29.16	19.095	135.174	2.971		
9/14/12 4:56	593760	9896	29.16	19.091	135.174	2.971		
9/14/12 5:11	594660	9911	29.16	19.094	135.175	2.972		
9/14/12 5:26	595560	9926	29.161	19.093	135.172	2.969		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 5:41	596460	9941	29.158	19.092	135.178	2.975		
9/14/12 5:56	597360	9956	29.157	19.093	135.181	2.978		
9/14/12 6:11	598260	9971	29.156	19.095	135.185	2.982		
9/14/12 6:26	599160	9986	29.157	19.094	135.182	2.979		
9/14/12 6:41	600060	10001	29.154	19.094	135.187	2.984		
9/14/12 6:56	600960	10016	29.155	19.093	135.187	2.984		
9/14/12 7:11	601860	10031	29.154	19.094	135.189	2.986		
9/14/12 7:26	602760	10046	29.152	19.091	135.192	2.989		
9/14/12 7:41	603660	10061	29.154	19.094	135.189	2.986		
9/14/12 7:56	604560	10076	29.153	19.093	135.19	2.987		
9/14/12 8:11	605460	10091	29.153	19.091	135.191	2.988		
9/14/12 8:26	606360	10106	29.154	19.095	135.189	2.986		
9/14/12 8:41	607260	10121	29.153	19.094	135.19	2.987		
9/14/12 8:56	608160	10136	29.153	19.095	135.192	2.989		
9/14/12 9:11	609060	10151	29.152	19.092	135.193	2.99		
9/14/12 9:26	609960	10166	29.152	19.096	135.194	2.991		
9/14/12 9:41	610860	10181	29.153	19.095	135.191	2.988		
9/14/12 9:56	611760	10196	29.153	19.091	135.191	2.988		
9/14/12 10:11	612660	10211	29.153	19.093	135.19	2.987		
9/14/12 10:26	613560	10226	29.153	19.091	135.19	2.987		
9/14/12 10:41	614460	10241	29.151	19.094	135.194	2.991		
9/14/12 10:56	615360	10256	29.154	19.093	135.188	2.985		
9/14/12 11:11	616260	10271	29.153	19.094	135.19	2.987		
9/14/12 11:26	617160	10286	29.153	19.096	135.19	2.987		
9/14/12 11:41	618060	10301	29.155	19.094	135.186	2.983		
9/14/12 11:56	618960	10316	29.155	19.092	135.186	2.983		
9/14/12 12:11	619860	10331	29.156	19.093	135.183	2.98		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 12:26	620760	10346	29.157	19.093	135.181	2.978		
9/14/12 12:41	621660	10361	29.157	19.092	135.181	2.978		
9/14/12 12:56	622560	10376	29.157	19.094	135.182	2.979		
9/14/12 13:11	623460	10391	29.158	19.092	135.18	2.977		
9/14/12 13:26	624360	10406	29.156	19.092	135.183	2.98		
9/14/12 13:41	625260	10421	29.159	19.095	135.177	2.974		
9/14/12 13:56	626160	10436	29.161	19.095	135.173	2.97		
9/14/12 14:11	627060	10451	29.159	19.092	135.176	2.973		
9/14/12 14:26	627960	10466	29.16	19.092	135.175	2.972		
9/14/12 14:41	628860	10481	29.161	19.095	135.173	2.97		
9/14/12 14:56	629760	10496	29.161	19.092	135.173	2.97		
9/14/12 15:11	630660	10511	29.161	19.095	135.172	2.969		
9/14/12 15:26	631560	10526	29.16	19.091	135.174	2.971		
9/14/12 15:41	632460	10541	29.16	19.093	135.174	2.971		
9/14/12 15:56	633360	10556	29.16	19.093	135.176	2.973		
9/14/12 16:11	634260	10571	29.159	19.092	135.178	2.975		
9/14/12 16:26	635160	10586	29.158	19.095	135.179	2.976		
9/14/12 16:41	636060	10601	29.159	19.091	135.177	2.974		
9/14/12 16:56	636960	10616	29.159	19.094	135.176	2.973		
9/14/12 17:11	637860	10631	29.159	19.093	135.178	2.975		
9/14/12 17:26	638760	10646	29.157	19.096	135.181	2.978		
9/14/12 17:41	639660	10661	29.156	19.094	135.185	2.982		
9/14/12 17:56	640560	10676	29.149	19.095	135.199	2.996		
9/14/12 18:11	641460	10691	29.155	19.094	135.186	2.983		
9/14/12 18:26	642360	10706	29.154	19.092	135.189	2.986		
9/14/12 18:41	643260	10721	29.153	19.091	135.19	2.987		
9/14/12 18:56	644160	10736	29.154	19.095	135.189	2.986		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 19:11	645060	10751	29.153	19.094	135.192	2.989		
9/14/12 19:26	645960	10766	29.152	19.091	135.193	2.99		
9/14/12 19:41	646860	10781	29.15	19.092	135.198	2.995		
9/14/12 19:56	647760	10796	29.149	19.096	135.2	2.997		
9/14/12 20:11	648660	10811	29.146	19.092	135.208	3.005		
9/14/12 20:26	649560	10826	29.147	19.093	135.205	3.002		
9/14/12 20:41	650460	10841	29.146	19.093	135.208	3.005		
9/14/12 20:56	651360	10856	29.145	19.093	135.209	3.006		
9/14/12 21:11	652260	10871	29.146	19.093	135.206	3.003		
9/14/12 21:26	653160	10886	29.143	19.091	135.214	3.011		
9/14/12 21:41	654060	10901	29.143	19.092	135.215	3.012		
9/14/12 21:56	654960	10916	29.144	19.092	135.212	3.009		
9/14/12 22:11	655860	10931	29.145	19.092	135.209	3.006		
9/14/12 22:26	656760	10946	29.143	19.094	135.214	3.011		
9/14/12 22:41	657660	10961	29.144	19.091	135.212	3.009		
9/14/12 22:56	658560	10976	29.145	19.091	135.208	3.005		
9/14/12 23:11	659460	10991	29.145	19.094	135.21	3.007		
9/14/12 23:26	660360	11006	29.143	19.092	135.213	3.01		
9/14/12 23:41	661260	11021	29.144	19.094	135.212	3.009		
9/14/12 23:56	662160	11036	29.143	19.095	135.215	3.012		
9/15/12 0:11	663060	11051	29.144	19.093	135.212	3.009		
9/15/12 0:26	663960	11066	29.142	19.091	135.216	3.013		
9/15/12 0:41	664860	11081	29.144	19.09	135.212	3.009		
9/15/12 0:56	665760	11096	29.144	19.091	135.21	3.007		
9/15/12 1:11	666660	11111	29.144	19.092	135.212	3.009		
9/15/12 1:26	667560	11126	29.143	19.093	135.213	3.01		
9/15/12 1:41	668460	11141	29.143	19.094	135.213	3.01		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 1:56	669360	11156	29.144	19.092	135.211	3.008		
9/15/12 2:11	670260	11171	29.145	19.092	135.209	3.006		
9/15/12 2:26	671160	11186	29.145	19.093	135.208	3.005		
9/15/12 2:41	672060	11201	29.147	19.094	135.206	3.003		
9/15/12 2:56	672960	11216	29.147	19.094	135.205	3.002		
9/15/12 3:11	673860	11231	29.147	19.095	135.206	3.003		
9/15/12 3:26	674760	11246	29.147	19.093	135.204	3.001		
9/15/12 3:41	675660	11261	29.146	19.093	135.207	3.004		
9/15/12 3:56	676560	11276	29.146	19.09	135.207	3.004		
9/15/12 4:11	677460	11291	29.146	19.094	135.208	3.005		
9/15/12 4:26	678360	11306	29.146	19.091	135.206	3.003		
9/15/12 4:41	679260	11321	29.145	19.09	135.209	3.006		
9/15/12 4:56	680160	11336	29.141	19.094	135.219	3.016		
9/15/12 5:11	681060	11351	29.145	19.092	135.208	3.005		
9/15/12 5:26	681960	11366	29.143	19.094	135.213	3.01		
9/15/12 5:41	682860	11381	29.144	19.091	135.211	3.008		
9/15/12 5:56	683760	11396	29.144	19.094	135.212	3.009		
9/15/12 6:11	684660	11411	29.142	19.091	135.216	3.013		
9/15/12 6:26	685560	11426	29.143	19.094	135.214	3.011		
9/15/12 6:41	686460	11441	29.142	19.093	135.216	3.013		
9/15/12 6:56	687360	11456	29.141	19.093	135.218	3.015		
9/15/12 7:11	688260	11471	29.139	19.094	135.222	3.019		
9/15/12 7:26	689160	11486	29.14	19.093	135.222	3.019		
9/15/12 7:41	690060	11501	29.139	19.095	135.222	3.019		
9/15/12 7:56	690960	11516	29.138	19.092	135.226	3.023		
9/15/12 8:11	691860	11531	29.138	19.093	135.226	3.023		
9/15/12 8:26	692760	11546	29.14	19.093	135.222	3.019		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 8:41	693660	11561	29.137	19.093	135.227	3.024		
9/15/12 8:56	694560	11576	29.136	19.091	135.23	3.027		
9/15/12 9:11	695460	11591	29.136	19.094	135.229	3.026		
9/15/12 9:26	696360	11606	29.138	19.093	135.226	3.023		
9/15/12 9:41	697260	11621	29.136	19.092	135.229	3.026		
9/15/12 9:56	698160	11636	29.136	19.093	135.229	3.026		
9/15/12 10:11	699060	11651	29.137	19.092	135.228	3.025		
9/15/12 10:26	699960	11666	29.138	19.096	135.225	3.022		
9/15/12 10:41	700860	11681	29.137	19.09	135.228	3.025		
9/15/12 10:56	701760	11696	29.137	19.093	135.227	3.024		
9/15/12 11:11	702660	11711	29.138	19.094	135.226	3.023		
9/15/12 11:26	703560	11726	29.137	19.094	135.227	3.024		
9/15/12 11:41	704460	11741	29.139	19.092	135.223	3.02		
9/15/12 11:56	705360	11756	29.138	19.091	135.226	3.023		
9/15/12 12:11	706260	11771	29.14	19.091	135.222	3.019		
9/15/12 12:26	707160	11786	29.14	19.089	135.221	3.018		
9/15/12 12:41	708060	11801	29.14	19.09	135.221	3.018		
9/15/12 12:56	708960	11816	29.142	19.091	135.216	3.013		
9/15/12 13:11	709860	11831	29.143	19.094	135.213	3.01		
9/15/12 13:26	710760	11846	29.143	19.094	135.214	3.011		
9/15/12 13:41	711660	11861	29.144	19.093	135.211	3.008		
9/15/12 13:56	712560	11876	29.144	19.092	135.212	3.009		
9/15/12 14:11	713460	11891	29.145	19.093	135.209	3.006		
9/15/12 14:26	714360	11906	29.145	19.093	135.21	3.007		
9/15/12 14:41	715260	11921	29.145	19.094	135.209	3.006		
9/15/12 14:56	716160	11936	29.144	19.089	135.211	3.008		
9/15/12 15:11	717060	11951	29.143	19.092	135.214	3.011		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 15:26	717960	11966	29.145	19.095	135.208	3.005		
9/15/12 15:41	718860	11981	29.144	19.093	135.211	3.008		
9/15/12 15:56	719760	11996	29.145	19.094	135.208	3.005		
9/15/12 16:11	720660	12011	29.145	19.094	135.21	3.007		
9/15/12 16:26	721560	12026	29.146	19.092	135.206	3.003		
9/15/12 16:41	722460	12041	29.146	19.094	135.207	3.004		
9/15/12 16:56	723360	12056	29.146	19.092	135.207	3.004		
9/15/12 17:11	724260	12071	29.145	19.093	135.208	3.005		
9/15/12 17:26	725160	12086	29.145	19.092	135.21	3.007		
9/15/12 17:41	726060	12101	29.144	19.093	135.212	3.009		
9/15/12 17:56	726960	12116	29.142	19.091	135.215	3.012		
9/15/12 18:11	727860	12131	29.141	19.094	135.219	3.016		
9/15/12 18:26	728760	12146	29.141	19.091	135.218	3.015		
9/15/12 18:41	729660	12161	29.141	19.095	135.218	3.015		
9/15/12 18:56	730560	12176	29.14	19.093	135.221	3.018		
9/15/12 19:11	731460	12191	29.14	19.092	135.222	3.019		
9/15/12 19:26	732360	12206	29.138	19.092	135.224	3.021		
9/15/12 19:41	733260	12221	29.137	19.094	135.228	3.025		
9/15/12 19:56	734160	12236	29.137	19.095	135.229	3.026		
9/15/12 20:11	735060	12251	29.135	19.09	135.233	3.03		
9/15/12 20:26	735960	12266	29.134	19.092	135.235	3.032		
9/15/12 20:41	736860	12281	29.134	19.093	135.235	3.032		
9/15/12 20:56	737760	12296	29.131	19.095	135.241	3.038		
9/15/12 21:11	738660	12311	29.131	19.092	135.242	3.039		
9/15/12 21:26	739560	12326	29.132	19.092	135.238	3.035		
9/15/12 21:41	740460	12341	29.13	19.092	135.243	3.04		
9/15/12 21:56	741360	12356	29.129	19.092	135.245	3.042		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 22:11	742260	12371	29.129	19.092	135.246	3.043		
9/15/12 22:26	743160	12386	29.13	19.091	135.244	3.041		
9/15/12 22:41	744060	12401	29.129	19.093	135.246	3.043		
9/15/12 22:56	744960	12416	29.13	19.092	135.244	3.041		
9/15/12 23:11	745860	12431	29.127	19.091	135.25	3.047		
9/15/12 23:26	746760	12446	29.129	19.091	135.246	3.043		
9/15/12 23:41	747660	12461	29.128	19.09	135.248	3.045		
9/15/12 23:56	748560	12476	29.129	19.093	135.246	3.043		
9/16/12 0:11	749460	12491	29.129	19.09	135.245	3.042		
9/16/12 0:26	750360	12506	29.131	19.093	135.242	3.039		
9/16/12 0:41	751260	12521	29.129	19.095	135.245	3.042		
9/16/12 0:56	752160	12536	29.129	19.094	135.247	3.044		
9/16/12 1:11	753060	12551	29.129	19.094	135.246	3.043		
9/16/12 1:26	753960	12566	29.129	19.09	135.246	3.043		
9/16/12 1:41	754860	12581	29.125	19.093	135.255	3.052		
9/16/12 1:56	755760	12596	29.13	19.094	135.243	3.04		
9/16/12 2:11	756660	12611	29.131	19.093	135.242	3.039		
9/16/12 2:26	757560	12626	29.132	19.095	135.239	3.036		
9/16/12 2:41	758460	12641	29.132	19.094	135.238	3.035		
9/16/12 2:56	759360	12656	29.131	19.093	135.241	3.038		
9/16/12 3:11	760260	12671	29.131	19.092	135.242	3.039		
9/16/12 3:26	761160	12686	29.133	19.092	135.237	3.034		
9/16/12 3:41	762060	12701	29.133	19.094	135.237	3.034		
9/16/12 3:56	762960	12716	29.132	19.09	135.239	3.036		
9/16/12 4:11	763860	12731	29.132	19.091	135.238	3.035		
9/16/12 4:26	764760	12746	29.132	19.092	135.24	3.037		
9/16/12 4:41	765660	12761	29.133	19.091	135.238	3.035		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 4:56	766560	12776	29.132	19.093	135.24	3.037		
9/16/12 5:11	767460	12791	29.132	19.093	135.239	3.036		
9/16/12 5:26	768360	12806	29.131	19.095	135.241	3.038		
9/16/12 5:41	769260	12821	29.131	19.091	135.241	3.038		
9/16/12 5:56	770160	12836	29.124	19.094	135.258	3.055		
9/16/12 6:11	771060	12851	29.13	19.089	135.244	3.041		
9/16/12 6:26	771960	12866	29.129	19.091	135.247	3.044		
9/16/12 6:41	772860	12881	29.129	19.091	135.246	3.043		
9/16/12 6:56	773760	12896	29.128	19.09	135.247	3.044		
9/16/12 7:11	774660	12911	29.128	19.092	135.248	3.045		
9/16/12 7:26	775560	12926	29.128	19.09	135.249	3.046		
9/16/12 7:41	776460	12941	29.128	19.09	135.249	3.046		
9/16/12 7:56	777360	12956	29.127	19.091	135.25	3.047		
9/16/12 8:11	778260	12971	29.128	19.095	135.248	3.045		
9/16/12 8:26	779160	12986	29.127	19.095	135.25	3.047		
9/16/12 8:41	780060	13001	29.126	19.094	135.254	3.051		
9/16/12 8:56	780960	13016	29.125	19.092	135.255	3.052		
9/16/12 9:11	781860	13031	29.126	19.094	135.254	3.051		
9/16/12 9:26	782760	13046	29.125	19.087	135.255	3.052		
9/16/12 9:41	783660	13061	29.125	19.093	135.255	3.052		
9/16/12 9:56	784560	13076	29.125	19.092	135.254	3.051		
9/16/12 10:11	785460	13091	29.126	19.093	135.254	3.051		
9/16/12 10:26	786360	13106	29.127	19.093	135.251	3.048		
9/16/12 10:41	787260	13121	29.126	19.094	135.253	3.05		
9/16/12 10:56	788160	13136	29.126	19.092	135.252	3.049		
9/16/12 11:11	789060	13151	29.125	19.092	135.255	3.052		
9/16/12 11:26	789960	13166	29.126	19.092	135.252	3.049		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 11:41	790860	13181	29.128	19.093	135.25	3.047		
9/16/12 11:56	791760	13196	29.13	19.092	135.243	3.04		
9/16/12 12:11	792660	13211	29.129	19.091	135.246	3.043		
9/16/12 12:26	793560	13226	29.129	19.092	135.245	3.042		
9/16/12 12:41	794460	13241	29.129	19.092	135.246	3.043		
9/16/12 12:56	795360	13256	29.129	19.092	135.247	3.044		
9/16/12 13:11	796260	13271	29.13	19.093	135.244	3.041		
9/16/12 13:26	797160	13286	29.131	19.093	135.242	3.039		
9/16/12 13:41	798060	13301	29.131	19.093	135.242	3.039		
9/16/12 13:56	798960	13316	29.131	19.092	135.241	3.038		
9/16/12 14:11	799860	13331	29.133	19.093	135.237	3.034		
9/16/12 14:26	800760	13346	29.13	19.09	135.243	3.04		
9/16/12 14:41	801660	13361	29.132	19.093	135.238	3.035		
9/16/12 14:56	802560	13376	29.132	19.095	135.24	3.037		
9/16/12 15:11	803460	13391	29.132	19.092	135.24	3.037		
9/16/12 15:26	804360	13406	29.133	19.089	135.236	3.033		
9/16/12 15:41	805260	13421	29.132	19.093	135.239	3.036		
9/16/12 15:56	806160	13436	29.131	19.092	135.241	3.038		
9/16/12 16:11	807060	13451	29.131	19.093	135.241	3.038		
9/16/12 16:26	807960	13466	29.131	19.091	135.242	3.039		
9/16/12 16:41	808860	13481	29.13	19.09	135.244	3.041		
9/16/12 16:56	809760	13496	29.13	19.092	135.244	3.041		
9/16/12 17:11	810660	13511	29.13	19.092	135.243	3.04		
9/16/12 17:26	811560	13526	29.13	19.091	135.243	3.04		
9/16/12 17:41	812460	13541	29.122	19.093	135.261	3.058		
9/16/12 17:56	813360	13556	29.13	19.092	135.244	3.041		
9/16/12 18:11	814260	13571	29.128	19.094	135.248	3.045		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 18:26	815160	13586	29.128	19.093	135.248	3.045		
9/16/12 18:41	816060	13601	29.128	19.09	135.249	3.046		
9/16/12 18:56	816960	13616	29.127	19.092	135.25	3.047		
9/16/12 19:11	817860	13631	29.125	19.094	135.255	3.052		
9/16/12 19:26	818760	13646	29.126	19.094	135.254	3.051		
9/16/12 19:41	819660	13661	29.124	19.094	135.257	3.054		
9/16/12 19:56	820560	13676	29.125	19.093	135.256	3.053		
9/16/12 20:11	821460	13691	29.122	19.093	135.263	3.06		
9/16/12 20:26	822360	13706	29.122	19.093	135.261	3.058		
9/16/12 20:41	823260	13721	29.123	19.093	135.261	3.058		
9/16/12 20:56	824160	13736	29.122	19.095	135.262	3.059		
9/16/12 21:11	825060	13751	29.12	19.093	135.267	3.064		
9/16/12 21:26	825960	13766	29.122	19.093	135.263	3.06		
9/16/12 21:41	826860	13781	29.121	19.094	135.265	3.062		
9/16/12 21:56	827760	13796	29.121	19.091	135.266	3.063		
9/16/12 22:11	828660	13811	29.12	19.092	135.267	3.064		
9/16/12 22:26	829560	13826	29.119	19.092	135.268	3.065		
9/16/12 22:41	830460	13841	29.119	19.093	135.269	3.066		
9/16/12 22:56	831360	13856	29.118	19.091	135.271	3.068		
9/16/12 23:11	832260	13871	29.119	19.093	135.268	3.065		
9/16/12 23:26	833160	13886	29.119	19.092	135.27	3.067		
9/16/12 23:41	834060	13901	29.119	19.094	135.27	3.067		
9/16/12 23:56	834960	13916	29.117	19.091	135.274	3.071		
9/17/12 0:11	835860	13931	29.119	19.094	135.27	3.067		
9/17/12 0:26	836760	13946	29.118	19.093	135.272	3.069		
9/17/12 0:41	837660	13961	29.119	19.093	135.27	3.067		
9/17/12 0:56	838560	13976	29.116	19.093	135.276	3.073		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 1:11	839460	13991	29.119	19.094	135.27	3.067		
9/17/12 1:26	840360	14006	29.117	19.092	135.274	3.071		
9/17/12 1:41	841260	14021	29.116	19.092	135.277	3.074		
9/17/12 1:56	842160	14036	29.115	19.095	135.279	3.076		
9/17/12 2:11	843060	14051	29.117	19.091	135.274	3.071		
9/17/12 2:26	843960	14066	29.119	19.093	135.269	3.066		
9/17/12 2:41	844860	14081	29.12	19.091	135.267	3.064		
9/17/12 2:56	845760	14096	29.118	19.094	135.273	3.07		
9/17/12 3:11	846660	14111	29.119	19.093	135.27	3.067		
9/17/12 3:26	847560	14126	29.119	19.092	135.269	3.066		
9/17/12 3:41	848460	14141	29.12	19.091	135.266	3.063		
9/17/12 3:56	849360	14156	29.12	19.092	135.266	3.063		
9/17/12 4:11	850260	14171	29.119	19.093	135.268	3.065		
9/17/12 4:26	851160	14186	29.12	19.09	135.267	3.064		
9/17/12 4:41	852060	14201	29.12	19.095	135.268	3.065		
9/17/12 4:56	852960	14216	29.12	19.091	135.267	3.064		
9/17/12 5:11	853860	14231	29.119	19.094	135.269	3.066		
9/17/12 5:26	854760	14246	29.118	19.092	135.271	3.068		
9/17/12 5:41	855660	14261	29.119	19.094	135.269	3.066		
9/17/12 5:56	856560	14276	29.118	19.095	135.272	3.069		
9/17/12 6:11	857460	14291	29.118	19.092	135.272	3.069		
9/17/12 6:26	858360	14306	29.117	19.09	135.274	3.071		
9/17/12 6:41	859260	14321	29.115	19.089	135.279	3.076		
9/17/12 6:56	860160	14336	29.114	19.092	135.281	3.078		
9/17/12 7:11	861060	14351	29.114	19.093	135.281	3.078		
9/17/12 7:26	861960	14366	29.114	19.094	135.282	3.079		
9/17/12 7:41	862860	14381	29.114	19.092	135.282	3.079		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 7:56	863760	14396	29.115	19.091	135.279	3.076		
9/17/12 8:11	864660	14411	29.115	19.092	135.279	3.076		
9/17/12 8:26	865560	14426	29.115	19.092	135.277	3.074		
9/17/12 8:41	866460	14441	29.114	19.092	135.282	3.079		
9/17/12 8:56	867360	14456	29.113	19.091	135.283	3.08		
9/17/12 9:11	868260	14471	29.114	19.094	135.281	3.078		
9/17/12 9:26	869160	14486	29.112	19.092	135.285	3.082		
9/17/12 9:41	870060	14501	29.113	19.091	135.283	3.08		
9/17/12 9:56	870960	14516	29.114	19.093	135.282	3.079		
9/17/12 10:11	871860	14531	29.114	19.091	135.281	3.078		
9/17/12 10:26	872760	14546	29.115	19.092	135.278	3.075		
9/17/12 10:41	873660	14561	29.116	19.091	135.277	3.074		
9/17/12 10:56	874560	14576	29.116	19.09	135.277	3.074		
9/17/12 11:11	875460	14591	29.114	19.093	135.28	3.077		
9/17/12 11:26	876360	14606	29.114	19.093	135.28	3.077		
9/17/12 11:41	877260	14621	29.115	19.09	135.278	3.075		
9/17/12 11:56	878160	14636	29.115	19.093	135.278	3.075		
9/17/12 12:11	879060	14651	29.116	19.094	135.276	3.073		
9/17/12 12:26	879960	14666	29.117	19.091	135.274	3.071		
9/17/12 12:41	880860	14681	29.117	19.091	135.275	3.072		
9/17/12 12:56	881760	14696	29.119	19.09	135.27	3.067		
9/17/12 13:11	882660	14711	29.118	19.093	135.272	3.069		
9/17/12 13:26	883560	14726	29.116	19.093	135.276	3.073		
9/17/12 13:41	884460	14741	29.117	19.093	135.273	3.07		
9/17/12 13:56	885360	14756	29.118	19.095	135.273	3.07		
9/17/12 14:10							135.12	
9/17/12 14:11	886260	14771	29.118	19.091	135.272	3.069		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 14:26	887160	14786	29.118	19.092	135.272	3.069		
9/17/12 14:41	888060	14801	29.118	19.091	135.272	3.069		
9/17/12 14:56	888960	14816	29.118	19.092	135.27	3.067		
9/17/12 15:11	889860	14831	29.117	19.093	135.274	3.071		
9/17/12 15:26	890760	14846	29.119	19.092	135.27	3.067		
9/17/12 15:41	891660	14861	29.116	19.092	135.275	3.072		
9/17/12 15:56	892560	14876	29.115	19.092	135.278	3.075		
9/17/12 16:11	893460	14891	29.116	19.092	135.277	3.074		
9/17/12 16:26	894360	14906	29.116	19.091	135.276	3.073		
9/17/12 16:41	895260	14921	29.115	19.092	135.278	3.075		
9/17/12 16:56	896160	14936	29.116	19.091	135.277	3.074		
9/17/12 17:11	897060	14951	29.116	19.095	135.277	3.074		
9/17/12 17:26	897960	14966	29.115	19.091	135.279	3.076		
9/17/12 17:41	898860	14981	29.115	19.093	135.279	3.076		
9/17/12 17:56	899760	14996	29.115	19.092	135.278	3.075		
9/17/12 18:11	900660	15011	29.114	19.092	135.281	3.078		
9/17/12 18:26	901560	15026	29.112	19.092	135.284	3.081		
9/17/12 18:41	902460	15041	29.114	19.094	135.282	3.079		
9/17/12 18:56	903360	15056	29.112	19.093	135.286	3.083		
9/17/12 19:11	904260	15071	29.113	19.095	135.283	3.08		
9/17/12 19:26	905160	15086	29.112	19.091	135.286	3.083		
9/17/12 19:41	906060	15101	29.109	19.092	135.293	3.09		
9/17/12 19:56	906960	15116	29.108	19.092	135.295	3.092		
9/17/12 20:11	907860	15131	29.108	19.094	135.294	3.091		
9/17/12 20:26	908760	15146	29.106	19.091	135.3	3.097		
9/17/12 20:41	909660	15161	29.107	19.092	135.297	3.094		
9/17/12 20:56	910560	15176	29.104	19.092	135.303	3.1		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 21:11	911460	15191	29.105	19.09	135.301	3.098		
9/17/12 21:26	912360	15206	29.103	19.095	135.305	3.102		
9/17/12 21:41	913260	15221	29.104	19.094	135.304	3.101		
9/17/12 21:56	914160	15236	29.105	19.092	135.301	3.098		
9/17/12 22:11	915060	15251	29.106	19.094	135.299	3.096		
9/17/12 22:26	915960	15266	29.104	19.093	135.304	3.101		
9/17/12 22:41	916860	15281	29.103	19.094	135.306	3.103		
9/17/12 22:56	917760	15296	29.101	19.095	135.31	3.107		
9/17/12 23:11	918660	15311	29.102	19.091	135.309	3.106		
9/17/12 23:26	919560	15326	29.101	19.092	135.31	3.107		
9/17/12 23:41	920460	15341	29.102	19.091	135.309	3.106		
9/17/12 23:56	921360	15356	29.102	19.091	135.309	3.106		
9/18/12 0:11	922260	15371	29.102	19.09	135.308	3.105		
9/18/12 0:26	923160	15386	29.102	19.093	135.308	3.105		
9/18/12 0:41	924060	15401	29.102	19.091	135.308	3.105		
9/18/12 0:56	924960	15416	29.1	19.095	135.312	3.109		
9/18/12 1:11	925860	15431	29.101	19.096	135.31	3.107		
9/18/12 1:26	926760	15446	29.101	19.093	135.31	3.107		
9/18/12 1:41	927660	15461	29.102	19.094	135.309	3.106		
9/18/12 1:56	928560	15476	29.1	19.092	135.313	3.11		
9/18/12 2:11	929460	15491	29.102	19.092	135.309	3.106		
9/18/12 2:26	930360	15506	29.102	19.093	135.308	3.105		
9/18/12 2:41	931260	15521	29.101	19.092	135.31	3.107		
9/18/12 2:56	932160	15536	29.102	19.093	135.308	3.105		
9/18/12 3:11	933060	15551	29.103	19.09	135.306	3.103		
9/18/12 3:26	933960	15566	29.102	19.094	135.308	3.105		
9/18/12 3:41	934860	15581	29.103	19.091	135.307	3.104		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 3:56	935760	15596	29.101	19.091	135.31	3.107		
9/18/12 4:11	936660	15611	29.101	19.092	135.311	3.108		
9/18/12 4:26	937560	15626	29.1	19.093	135.314	3.111		
9/18/12 4:41	938460	15641	29.102	19.095	135.309	3.106		
9/18/12 4:56	939360	15656	29.1	19.092	135.312	3.109		
9/18/12 5:11	940260	15671	29.101	19.094	135.31	3.107		
9/18/12 5:26	941160	15686	29.1	19.09	135.313	3.11		
9/18/12 5:41	942060	15701	29.1	19.09	135.312	3.109		
9/18/12 5:56	942960	15716	29.101	19.093	135.311	3.108		
9/18/12 6:11	943860	15731	29.101	19.092	135.311	3.108		
9/18/12 6:26	944760	15746	29.101	19.091	135.312	3.109		
9/18/12 6:41	945660	15761	29.099	19.094	135.315	3.112		
9/18/12 6:56	946560	15776	29.1	19.094	135.314	3.111		
9/18/12 7:11	947460	15791	29.099	19.092	135.316	3.113		
9/18/12 7:26	948360	15806	29.1	19.094	135.314	3.111		
9/18/12 7:41	949260	15821	29.1	19.092	135.314	3.111		
9/18/12 7:56	950160	15836	29.1	19.09	135.313	3.11		
9/18/12 8:11	951060	15851	29.098	19.091	135.318	3.115		
9/18/12 8:26	951960	15866	29.092	19.09	135.33	3.127		
9/18/12 8:41	952860	15881	29.099	19.09	135.316	3.113		
9/18/12 8:56	953760	15896	29.099	19.093	135.315	3.112		
9/18/12 9:11	954660	15911	29.098	19.092	135.317	3.114		
9/18/12 9:26	955560	15926	29.099	19.091	135.315	3.112		
9/18/12 9:41	956460	15941	29.1	19.092	135.312	3.109		
9/18/12 9:56	957360	15956	29.101	19.093	135.312	3.109		
9/18/12 10:11	958260	15971	29.1	19.093	135.312	3.109		
9/18/12 10:26	959160	15986	29.101	19.091	135.311	3.108		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 10:41	960060	16001	29.1	19.096	135.313	3.11		
9/18/12 10:56	960960	16016	29.101	19.094	135.311	3.108		
9/18/12 11:11	961860	16031	29.102	19.092	135.309	3.106		
9/18/12 11:26	962760	16046	29.101	19.092	135.311	3.108		
9/18/12 11:41	963660	16061	29.102	19.093	135.309	3.106		
9/18/12 11:56	964560	16076	29.101	19.092	135.312	3.109		
9/18/12 12:11	965460	16091	29.102	19.09	135.308	3.105		
9/18/12 12:26	966360	16106	29.102	19.095	135.309	3.106		
9/18/12 12:41	967260	16121	29.102	19.092	135.309	3.106		
9/18/12 12:56	968160	16136	29.103	19.091	135.307	3.104		
9/18/12 13:11	969060	16151	29.103	19.095	135.306	3.103		
9/18/12 13:26	969960	16166	29.104	19.092	135.303	3.1		
9/18/12 13:41	970860	16181	29.104	19.092	135.303	3.1		
9/18/12 13:56	971760	16196	29.104	19.095	135.303	3.1		
9/18/12 14:11	972660	16211	29.104	19.094	135.304	3.101		
9/18/12 14:26	973560	16226	29.106	19.09	135.299	3.096		
9/18/12 14:41	974460	16241	29.104	19.091	135.304	3.101		
9/18/12 14:56	975360	16256	29.098	19.094	135.317	3.114		
9/18/12 15:11	976260	16271	29.105	19.089	135.301	3.098		
9/18/12 15:26	977160	16286	29.106	19.09	135.3	3.097		
9/18/12 15:41	978060	16301	29.106	19.093	135.3	3.097		
9/18/12 15:56	978960	16316	29.104	19.09	135.303	3.1		
9/18/12 16:11	979860	16331	29.105	19.092	135.303	3.1		
9/18/12 16:26	980760	16346	29.105	19.09	135.302	3.099		
9/18/12 16:41	981660	16361	29.103	19.093	135.305	3.102		
9/18/12 16:56	982560	16376	29.103	19.091	135.306	3.103		
9/18/12 17:11	983460	16391	29.103	19.094	135.307	3.104		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 17:26	984360	16406	29.101	19.091	135.311	3.108		
9/18/12 17:41	985260	16421	29.101	19.094	135.31	3.107		
9/18/12 17:56	986160	16436	29.1	19.093	135.314	3.111		
9/18/12 18:11	987060	16451	29.1	19.091	135.313	3.11		
9/18/12 18:26	987960	16466	29.099	19.092	135.316	3.113		
9/18/12 18:41	988860	16481	29.099	19.092	135.314	3.111		
9/18/12 18:56	989760	16496	29.1	19.091	135.312	3.109		
9/18/12 19:11	990660	16511	29.099	19.093	135.316	3.113		
9/18/12 19:26	991560	16526	29.099	19.09	135.316	3.113		
9/18/12 19:41	992460	16541	29.097	19.092	135.321	3.118		
9/18/12 19:56	993360	16556	29.095	19.093	135.324	3.121		
9/18/12 20:11	994260	16571	29.096	19.093	135.323	3.12		
9/18/12 20:26	995160	16586	29.094	19.094	135.328	3.125		
9/18/12 20:41	996060	16601	29.094	19.094	135.327	3.124		
9/18/12 20:56	996960	16616	29.093	19.092	135.329	3.126		
9/18/12 21:11	997860	16631	29.093	19.093	135.329	3.126		
9/18/12 21:26	998760	16646	29.093	19.091	135.33	3.127		
9/18/12 21:41	999660	16661	29.092	19.091	135.332	3.129		
9/18/12 21:56	1000560	16676	29.091	19.089	135.334	3.131		
9/18/12 22:11	1001460	16691	29.092	19.095	135.331	3.128		
9/18/12 22:26	1002360	16706	29.093	19.092	135.33	3.127		
9/18/12 22:41	1003260	16721	29.092	19.094	135.332	3.129		
9/18/12 22:56	1004160	16736	29.091	19.093	135.333	3.13		
9/18/12 23:11	1005060	16751	29.093	19.093	135.329	3.126		
9/18/12 23:26	1005960	16766	29.092	19.09	135.331	3.128		
9/18/12 23:41	1006860	16781	29.091	19.091	135.333	3.13		
9/18/12 23:56	1007760	16796	29.091	19.094	135.333	3.13		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 0:11	1008660	16811	29.092	19.093	135.332	3.129		
9/19/12 0:26	1009560	16826	29.085	19.093	135.347	3.144		
9/19/12 0:41	1010460	16841	29.091	19.093	135.334	3.131		
9/19/12 0:56	1011360	16856	29.092	19.091	135.331	3.128		
9/19/12 1:11	1012260	16871	29.092	19.092	135.332	3.129		
9/19/12 1:26	1013160	16886	29.091	19.093	135.333	3.13		
9/19/12 1:41	1014060	16901	29.092	19.09	135.331	3.128		
9/19/12 1:56	1014960	16916	29.092	19.092	135.33	3.127		
9/19/12 2:11	1015860	16931	29.09	19.091	135.335	3.132		
9/19/12 2:26	1016760	16946	29.092	19.093	135.332	3.129		
9/19/12 2:41	1017660	16961	29.091	19.092	135.333	3.13		
9/19/12 2:56	1018560	16976	29.093	19.091	135.33	3.127		
9/19/12 3:11	1019460	16991	29.092	19.093	135.332	3.129		
9/19/12 3:26	1020360	17006	29.093	19.093	135.329	3.126		
9/19/12 3:41	1021260	17021	29.091	19.092	135.333	3.13		
9/19/12 3:56	1022160	17036	29.09	19.093	135.335	3.132		
9/19/12 4:11	1023060	17051	29.092	19.095	135.331	3.128		
9/19/12 4:26	1023960	17066	29.092	19.092	135.332	3.129		
9/19/12 4:41	1024860	17081	29.084	19.091	135.35	3.147		
9/19/12 4:56	1025760	17096	29.092	19.092	135.333	3.13		
9/19/12 5:11	1026660	17111	29.092	19.092	135.332	3.129		
9/19/12 5:26	1027560	17126	29.092	19.091	135.331	3.128		
9/19/12 5:41	1028460	17141	29.089	19.09	135.338	3.135		
9/19/12 5:56	1029360	17156	29.091	19.094	135.335	3.132		
9/19/12 6:11	1030260	17171	29.091	19.089	135.334	3.131		
9/19/12 6:26	1031160	17186	29.09	19.09	135.335	3.132		
9/19/12 6:41	1032060	17201	29.091	19.092	135.334	3.131		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 6:56	1032960	17216	29.09	19.092	135.335	3.132		
9/19/12 7:11	1033860	17231	29.088	19.092	135.341	3.138		
9/19/12 7:26	1034760	17246	29.089	19.093	135.338	3.135		
9/19/12 7:41	1035660	17261	29.089	19.092	135.338	3.135		
9/19/12 7:56	1036560	17276	29.089	19.09	135.338	3.135		
9/19/12 8:11	1037460	17291	29.088	19.093	135.341	3.138		
9/19/12 8:26	1038360	17306	29.09	19.093	135.337	3.134		
9/19/12 8:41	1039260	17321	29.09	19.088	135.337	3.134		
9/19/12 8:56	1040160	17336	29.09	19.09	135.337	3.134		
9/19/12 9:11	1041060	17351	29.09	19.094	135.337	3.134		
9/19/12 9:26	1041960	17366	29.089	19.092	135.338	3.135		
9/19/12 9:41	1042860	17381	29.09	19.092	135.337	3.134		
9/19/12 9:56	1043760	17396	29.09	19.093	135.337	3.134		
9/19/12 10:11	1044660	17411	29.09	19.093	135.337	3.134		
9/19/12 10:26	1045560	17426	29.09	19.091	135.335	3.132		
9/19/12 10:41	1046460	17441	29.091	19.092	135.334	3.131		
9/19/12 10:56	1047360	17456	29.091	19.093	135.333	3.13		
9/19/12 11:11	1048260	17471	29.092	19.092	135.331	3.128		
9/19/12 11:26	1049160	17486	29.092	19.092	135.331	3.128		
9/19/12 11:41	1050060	17501	29.092	19.09	135.331	3.128		
9/19/12 11:56	1050960	17516	29.092	19.09	135.331	3.128		
9/19/12 12:11	1051860	17531	29.093	19.093	135.329	3.126		
9/19/12 12:26	1052760	17546	29.093	19.092	135.328	3.125		
9/19/12 12:40							135.16	
9/19/12 12:41	1053660	17561	29.095	19.091	135.325	3.122		
9/19/12 12:56	1054560	17576	29.097	19.093	135.321	3.118		
9/19/12 13:11	1055460	17591	29.098	19.093	135.318	3.115		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 13:26	1056360	17606	29.096	19.092	135.322	3.119		
9/19/12 13:41	1057260	17621	29.098	19.094	135.317	3.114		
9/19/12 13:56	1058160	17636	29.098	19.093	135.318	3.115		
9/19/12 14:11	1059060	17651	29.097	19.092	135.319	3.116		
9/19/12 14:26	1059960	17666	29.098	19.095	135.317	3.114		
9/19/12 14:41	1060860	17681	29.097	19.098	135.319	3.116		
9/19/12 14:56	1061760	17696	29.097	19.091	135.32	3.117		
9/19/12 15:11	1062660	17711	29.098	19.092	135.319	3.116		
9/19/12 15:26	1063560	17726	29.098	19.094	135.317	3.114		
9/19/12 15:41	1064460	17741	29.098	19.093	135.318	3.115		
9/19/12 15:56	1065360	17756	29.097	19.092	135.32	3.117		
9/19/12 16:11	1066260	17771	29.098	19.09	135.319	3.116		
9/19/12 16:26	1067160	17786	29.096	19.095	135.322	3.119		
9/19/12 16:41	1068060	17801	29.095	19.094	135.324	3.121		
9/19/12 16:56	1068960	17816	29.096	19.092	135.323	3.12		
9/19/12 17:11	1069860	17831	29.094	19.093	135.326	3.123		
9/19/12 17:26	1070760	17846	29.096	19.091	135.323	3.12		
9/19/12 17:41	1071660	17861	29.094	19.092	135.327	3.124		
9/19/12 17:56	1072560	17876	29.095	19.092	135.325	3.122		
9/19/12 18:11	1073460	17891	29.093	19.09	135.33	3.127		
9/19/12 18:26	1074360	17906	29.093	19.093	135.328	3.125		
9/19/12 18:41	1075260	17921	29.093	19.093	135.329	3.126		
9/19/12 18:56	1076160	17936	29.093	19.094	135.33	3.127		
9/19/12 19:11	1077060	17951	29.093	19.093	135.33	3.127		
9/19/12 19:26	1077960	17966	29.091	19.094	135.334	3.131		
9/19/12 19:41	1078860	17981	29.089	19.091	135.339	3.136		
9/19/12 19:56	1079760	17996	29.087	19.095	135.343	3.14		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 20:11	1080660	18011	29.088	19.093	135.342	3.139		
9/19/12 20:26	1081560	18026	29.086	19.093	135.346	3.143		
9/19/12 20:41	1082460	18041	29.086	19.092	135.346	3.143		
9/19/12 20:56	1083360	18056	29.085	19.09	135.349	3.146		
9/19/12 21:11	1084260	18071	29.085	19.092	135.348	3.145		
9/19/12 21:26	1085160	18086	29.084	19.09	135.35	3.147		
9/19/12 21:41	1086060	18101	29.085	19.091	135.347	3.144		
9/19/12 21:56	1086960	18116	29.085	19.095	135.348	3.145		
9/19/12 22:11	1087860	18131	29.084	19.095	135.35	3.147		
9/19/12 22:26	1088760	18146	29.085	19.092	135.349	3.146		
9/19/12 22:41	1089660	18161	29.085	19.09	135.347	3.144		
9/19/12 22:56	1090560	18176	29.084	19.094	135.351	3.148		
9/19/12 23:11	1091460	18191	29.084	19.092	135.349	3.146		
9/19/12 23:26	1092360	18206	29.086	19.093	135.345	3.142		
9/19/12 23:41	1093260	18221	29.085	19.092	135.348	3.145		
9/19/12 23:56	1094160	18236	29.085	19.091	135.348	3.145		
9/20/12 0:11	1095060	18251	29.086	19.093	135.346	3.143		
9/20/12 0:26	1095960	18266	29.085	19.091	135.348	3.145		
9/20/12 0:41	1096860	18281	29.085	19.091	135.348	3.145		
9/20/12 0:56	1097760	18296	29.085	19.093	135.348	3.145		
9/20/12 1:11	1098660	18311	29.083	19.092	135.352	3.149		
9/20/12 1:26	1099560	18326	29.084	19.094	135.35	3.147		
9/20/12 1:41	1100460	18341	29.084	19.089	135.349	3.146		
9/20/12 1:56	1101360	18356	29.084	19.091	135.349	3.146		
9/20/12 2:11	1102260	18371	29.085	19.092	135.347	3.144		
9/20/12 2:26	1103160	18386	29.084	19.091	135.351	3.148		
9/20/12 2:41	1104060	18401	29.085	19.093	135.348	3.145		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/20/12 2:56	1104960	18416	29.084	19.092	135.351	3.148		
9/20/12 3:11	1105860	18431	29.084	19.091	135.349	3.146		
9/20/12 3:26	1106760	18446	29.083	19.094	135.353	3.15		
9/20/12 3:41	1107660	18461	29.084	19.094	135.35	3.147		
9/20/12 3:56	1108560	18476	29.084	19.091	135.351	3.148		
9/20/12 4:11	1109460	18491	29.083	19.091	135.352	3.149		
9/20/12 4:26	1110360	18506	29.083	19.093	135.353	3.15		
9/20/12 4:41	1111260	18521	29.083	19.092	135.352	3.149		
9/20/12 4:56	1112160	18536	29.082	19.094	135.355	3.152		
9/20/12 5:11	1113060	18551	29.083	19.092	135.352	3.149		
9/20/12 5:26	1113960	18566	29.082	19.093	135.354	3.151		
9/20/12 5:41	1114860	18581	29.082	19.092	135.354	3.151		
9/20/12 5:56	1115760	18596	29.083	19.091	135.352	3.149		
9/20/12 6:11	1116660	18611	29.082	19.092	135.355	3.152		
9/20/12 6:26	1117560	18626	29.083	19.091	135.353	3.15		
9/20/12 6:41	1118460	18641	29.081	19.089	135.357	3.154		
9/20/12 6:56	1119360	18656	29.082	19.091	135.355	3.152		
9/20/12 7:11	1120260	18671	29.08	19.091	135.359	3.156		
9/20/12 7:26	1121160	18686	29.081	19.091	135.356	3.153		
9/20/12 7:41	1122060	18701	29.081	19.092	135.357	3.154		
9/20/12 7:56	1122960	18716	29.082	19.092	135.354	3.151		
9/20/12 8:11	1123860	18731	29.081	19.092	135.357	3.154		
9/20/12 8:26	1124760	18746	29.081	19.093	135.357	3.154		
9/20/12 8:41	1125660	18761	29.081	19.091	135.356	3.153		
9/20/12 8:56	1126560	18776	29.081	19.094	135.356	3.153		
9/20/12 9:11	1127460	18791	29.082	19.089	135.354	3.151		
9/20/12 9:26	1128360	18806	29.081	19.089	135.357	3.154		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/20/12 9:41	1129260	18821	29.082	19.092	135.355	3.152		
9/20/12 9:56	1130160	18836	29.081	19.094	135.357	3.154		
9/20/12 10:11	1131060	18851	29.082	19.092	135.354	3.151		
9/20/12 10:26	1131960	18866	29.082	19.097	135.355	3.152		
9/20/12 10:41	1132860	18881	29.081	19.092	135.356	3.153		
9/20/12 10:56	1133760	18896	29.084	19.093	135.35	3.147		
9/20/12 11:11	1134660	18911	29.086	19.092	135.346	3.143		
9/20/12 11:26	1135560	18926	29.085	19.087	135.348	3.145		
9/20/12 11:41	1136460	18941	29.086	19.093	135.346	3.143		
9/20/12 11:56	1137360	18956	29.085	19.092	135.347	3.144		
9/20/12 12:11	1138260	18971	29.086	19.093	135.346	3.143		
9/20/12 12:26	1139160	18986	29.085	19.093	135.347	3.144		
9/20/12 12:41	1140060	19001	29.087	19.092	135.344	3.141		
9/20/12 12:56	1140960	19016	29.085	19.091	135.348	3.145		
9/20/12 13:11	1141860	19031	29.086	19.093	135.345	3.142		
9/20/12 13:26	1142760	19046	29.086	19.092	135.346	3.143		
9/20/12 13:41	1143660	19061	29.085	19.092	135.348	3.145		
9/20/12 13:56	1144560	19076	29.086	19.09	135.345	3.142		
9/20/12 14:11	1145460	19091	29.087	19.093	135.343	3.14		
9/20/12 14:26	1146360	19106	29.088	19.093	135.341	3.138		
9/20/12 14:41	1147260	19121	29.087	19.094	135.344	3.141		
9/20/12 14:56	1148160	19136	29.086	19.093	135.345	3.142		
9/20/12 15:11	1149060	19151	29.087	19.093	135.344	3.141		
9/20/12 15:26	1149960	19166	29.085	19.093	135.348	3.145		
9/20/12 15:41	1150860	19181	29.085	19.092	135.347	3.144		
9/20/12 15:56	1151760	19196	29.084	19.093	135.349	3.146		
9/20/12 16:11	1152660	19211	29.087	19.092	135.343	3.14		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/20/12 16:26	1153560	19226	29.086	19.094	135.346	3.143		
9/20/12 16:41	1154460	19241	29.086	19.09	135.345	3.142		
9/20/12 16:56	1155360	19256	29.086	19.093	135.345	3.142		
9/20/12 17:11	1156260	19271	29.083	19.094	135.351	3.148		
9/20/12 17:26	1157160	19286	29.082	19.095	135.354	3.151		
9/20/12 17:41	1158060	19301	29.083	19.093	135.353	3.15		
9/20/12 17:56	1158960	19316	29.083	19.092	135.353	3.15		
9/20/12 18:11	1159860	19331	29.083	19.092	135.353	3.15		
9/20/12 18:26	1160760	19346	29.082	19.089	135.356	3.153		
9/20/12 18:41	1161660	19361	29.081	19.093	135.357	3.154		
9/20/12 18:56	1162560	19376	29.081	19.095	135.357	3.154		
9/20/12 19:11	1163460	19391	29.08	19.092	135.359	3.156		
9/20/12 19:26	1164360	19406	29.083	19.091	135.353	3.15		
9/20/12 19:41	1165260	19421	29.079	19.093	135.361	3.158		
9/20/12 19:56	1166160	19436	29.078	19.093	135.363	3.16		
9/20/12 20:11	1167060	19451	29.079	19.091	135.362	3.159		
9/20/12 20:26	1167960	19466	29.077	19.094	135.367	3.164		
9/20/12 20:41	1168860	19481	29.075	19.091	135.37	3.167		
9/20/12 20:56	1169760	19496	29.077	19.094	135.367	3.164		
9/20/12 21:11	1170660	19511	29.076	19.091	135.368	3.165		
9/20/12 21:26	1171560	19526	29.076	19.091	135.368	3.165		
9/20/12 21:41	1172460	19541	29.078	19.091	135.365	3.162		
9/20/12 21:56	1173360	19556	29.077	19.091	135.366	3.163		
9/20/12 22:11	1174260	19571	29.078	19.093	135.365	3.162		
9/20/12 22:26	1175160	19586	29.079	19.093	135.362	3.159		
9/20/12 22:41	1176060	19601	29.079	19.091	135.362	3.159		
9/20/12 22:56	1176960	19616	29.079	19.094	135.362	3.159		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/20/12 23:11	1177860	19631	29.077	19.091	135.365	3.162		
9/20/12 23:26	1178760	19646	29.077	19.092	135.365	3.162		
9/20/12 23:41	1179660	19661	29.077	19.095	135.365	3.162		
9/20/12 23:56	1180560	19676	29.077	19.089	135.367	3.164		
9/21/12 0:11	1181460	19691	29.075	19.092	135.372	3.169		
9/21/12 0:26	1182360	19706	29.076	19.091	135.368	3.165		
9/21/12 0:41	1183260	19721	29.074	19.09	135.373	3.17		
9/21/12 0:56	1184160	19736	29.076	19.092	135.369	3.166		
9/21/12 1:11	1185060	19751	29.074	19.091	135.373	3.17		
9/21/12 1:26	1185960	19766	29.073	19.093	135.375	3.172		
9/21/12 1:41	1186860	19781	29.073	19.094	135.374	3.171		
9/21/12 1:56	1187760	19796	29.073	19.092	135.374	3.171		
9/21/12 2:11	1188660	19811	29.073	19.091	135.375	3.172		
9/21/12 2:26	1189560	19826	29.074	19.091	135.372	3.169		
9/21/12 2:41	1190460	19841	29.076	19.092	135.368	3.165		
9/21/12 2:56	1191360	19856	29.075	19.095	135.371	3.168		
9/21/12 3:11	1192260	19871	29.075	19.092	135.371	3.168		
9/21/12 3:26	1193160	19886	29.076	19.092	135.368	3.165		
9/21/12 3:41	1194060	19901	29.076	19.093	135.369	3.166		
9/21/12 3:56	1194960	19916	29.073	19.095	135.375	3.172		
9/21/12 4:11	1195860	19931	29.076	19.094	135.368	3.165		
9/21/12 4:26	1196760	19946	29.075	19.092	135.371	3.168		
9/21/12 4:41	1197660	19961	29.073	19.089	135.376	3.173		
9/21/12 4:56	1198560	19976	29.073	19.094	135.375	3.172		
9/21/12 5:11	1199460	19991	29.071	19.092	135.381	3.178		
9/21/12 5:26	1200360	20006	29.073	19.094	135.376	3.173		
9/21/12 5:41	1201260	20021	29.074	19.09	135.374	3.171		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 5:56	1202160	20036	29.071	19.092	135.379	3.176		
9/21/12 6:11	1203060	20051	29.071	19.095	135.379	3.176		
9/21/12 6:26	1203960	20066	29.073	19.091	135.376	3.173		
9/21/12 6:41	1204860	20081	29.072	19.091	135.378	3.175		
9/21/12 6:56	1205760	20096	29.071	19.091	135.381	3.178		
9/21/12 7:11	1206660	20111	29.072	19.091	135.379	3.176		
9/21/12 7:26	1207560	20126	29.071	19.092	135.38	3.177		
9/21/12 7:41	1208460	20141	29.07	19.091	135.381	3.178		
9/21/12 7:56	1209360	20156	29.07	19.092	135.383	3.18		End of APT 2
9/21/12 8:08		20168				3.03	135.23	
9/21/12 8:11	1210260	20171	29.118	19.094	135.271	3.068		
9/21/12 8:19		20179				2.83	135.03	
9/21/12 8:26	1211160	20186	29.252	19.091	134.963	2.76		
9/21/12 8:30		20190				2.63	134.83	
9/21/12 8:40		20200				2.50	134.70	
9/21/12 8:41	1212060	20201	29.332	19.094	134.778	2.575		
9/21/12 8:56	1212960	20216	29.397	19.091	134.628	2.425		
9/21/12 8:58		20218				2.34	134.54	
9/21/12 9:11	1213860	20231	29.439	19.097	134.531	2.328		
9/21/12 9:26	1214760	20246	29.473	19.099	134.452	2.249		
9/21/12 9:41	1215660	20261	29.506	19.1	134.377	2.174		
9/21/12 9:56	1216560	20276	29.534	19.104	134.311	2.108		
9/21/12 10:11	1217460	20291	29.557	19.103	134.257	2.054		
9/21/12 10:26	1218360	20306	29.581	19.107	134.203	2		
9/21/12 10:41	1219260	20321	29.602	19.109	134.153	1.95		
9/21/12 10:56	1220160	20336	29.622	19.108	134.108	1.905		
9/21/12 11:11	1221060	20351	29.639	19.108	134.068	1.865		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 11:26	1221960	20366	29.658	19.112	134.025	1.822		
9/21/12 11:41	1222860	20381	29.675	19.114	133.985	1.782		
9/21/12 11:56	1223760	20396	29.689	19.115	133.953	1.75		
9/21/12 12:11	1224660	20411	29.704	19.116	133.919	1.716		
9/21/12 12:26	1225560	20426	29.717	19.12	133.889	1.686		
9/21/12 12:41	1226460	20441	29.729	19.119	133.86	1.657		
9/21/12 12:56	1227360	20456	29.742	19.12	133.831	1.628		
9/21/12 13:11	1228260	20471	29.756	19.119	133.799	1.596		
9/21/12 13:26	1229160	20486	29.766	19.122	133.775	1.572		
9/21/12 13:41	1230060	20501	29.775	19.121	133.755	1.552		
9/21/12 13:56	1230960	20516	29.785	19.122	133.731	1.528		
9/21/12 14:11	1231860	20531	29.796	19.122	133.706	1.503		
9/21/12 14:26	1232760	20546	29.805	19.122	133.685	1.482		
9/21/12 14:41	1233660	20561	29.813	19.127	133.667	1.464		
9/21/12 14:56	1234560	20576	29.822	19.125	133.647	1.444		
9/21/12 15:11	1235460	20591	29.83	19.126	133.627	1.424		
9/21/12 15:26	1236360	20606	29.836	19.126	133.613	1.41		
9/21/12 15:41	1237260	20621	29.844	19.126	133.594	1.391		
9/21/12 15:56	1238160	20636	29.853	19.129	133.574	1.371		
9/21/12 16:11	1239060	20651	29.864	19.13	133.549	1.346		
9/21/12 16:26	1239960	20666	29.867	19.13	133.543	1.34		
9/21/12 16:41	1240860	20681	29.873	19.131	133.528	1.325		
9/21/12 16:56	1241760	20696	29.885	19.13	133.5	1.297		
9/21/12 17:11	1242660	20711	29.885	19.131	133.5	1.297		
9/21/12 17:26	1243560	20726	29.891	19.131	133.487	1.284		
9/21/12 17:41	1244460	20741	29.895	19.132	133.478	1.275		
9/21/12 17:56	1245360	20756	29.902	19.133	133.46	1.257		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 18:11	1246260	20771	29.908	19.137	133.448	1.245		
9/21/12 18:26	1247160	20786	29.913	19.133	133.436	1.233		
9/21/12 18:41	1248060	20801	29.92	19.133	133.419	1.216		
9/21/12 18:56	1248960	20816	29.925	19.133	133.409	1.206		
9/21/12 19:11	1249860	20831	29.929	19.134	133.4	1.197		
9/21/12 19:26	1250760	20846	29.935	19.136	133.384	1.181		
9/21/12 19:41	1251660	20861	29.938	19.133	133.378	1.175		
9/21/12 19:56	1252560	20876	29.941	19.132	133.371	1.168		
9/21/12 20:11	1253460	20891	29.946	19.134	133.359	1.156		
9/21/12 20:26	1254360	20906	29.95	19.138	133.35	1.147		
9/21/12 20:41	1255260	20921	29.956	19.137	133.336	1.133		
9/21/12 20:56	1256160	20936	29.96	19.136	133.327	1.124		
9/21/12 21:11	1257060	20951	29.963	19.137	133.32	1.117		
9/21/12 21:26	1257960	20966	29.968	19.137	133.309	1.106		
9/21/12 21:41	1258860	20981	29.972	19.137	133.3	1.097		
9/21/12 21:56	1259760	20996	29.975	19.14	133.294	1.091		
9/21/12 22:11	1260660	21011	29.986	19.14	133.267	1.064		
9/21/12 22:26	1261560	21026	29.991	19.138	133.256	1.053		
9/21/12 22:41	1262460	21041	29.995	19.139	133.247	1.044		
9/21/12 22:56	1263360	21056	29.994	19.141	133.249	1.046		
9/21/12 23:11	1264260	21071	29.998	19.138	133.24	1.037		
9/21/12 23:26	1265160	21086	30.001	19.139	133.232	1.029		
9/21/12 23:41	1266060	21101	30.01	19.14	133.212	1.009		
9/21/12 23:56	1266960	21116	30.006	19.145	133.221	1.018		
9/22/12 0:11	1267860	21131	30.008	19.14	133.217	1.014		
9/22/12 0:26	1268760	21146	30.018	19.14	133.193	0.99		
9/22/12 0:41	1269660	21161	30.023	19.142	133.181	0.978		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 0:56	1270560	21176	30.019	19.142	133.19	0.987		
9/22/12 1:11	1271460	21191	30.026	19.14	133.174	0.971		
9/22/12 1:26	1272360	21206	30.029	19.142	133.169	0.966		
9/22/12 1:41	1273260	21221	30.027	19.144	133.173	0.97		
9/22/12 1:56	1274160	21236	30.031	19.144	133.164	0.961		
9/22/12 2:11	1275060	21251	30.035	19.145	133.154	0.951		
9/22/12 2:26	1275960	21266	30.037	19.144	133.149	0.946		
9/22/12 2:41	1276860	21281	30.047	19.144	133.126	0.923		
9/22/12 2:56	1277760	21296	30.044	19.147	133.133	0.93		
9/22/12 3:11	1278660	21311	30.047	19.145	133.127	0.924		
9/22/12 3:26	1279560	21326	30.049	19.146	133.121	0.918		
9/22/12 3:41	1280460	21341	30.054	19.146	133.111	0.908		
9/22/12 3:56	1281360	21356	30.054	19.147	133.109	0.906		
9/22/12 4:11	1282260	21371	30.064	19.146	133.087	0.884		
9/22/12 4:26	1283160	21386	30.065	19.143	133.085	0.882		
9/22/12 4:41	1284060	21401	30.062	19.146	133.092	0.889		
9/22/12 4:56	1284960	21416	30.07	19.147	133.072	0.869		
9/22/12 5:11	1285860	21431	30.068	19.15	133.077	0.874		
9/22/12 5:26	1286760	21446	30.077	19.148	133.058	0.855		
9/22/12 5:41	1287660	21461	30.08	19.15	133.049	0.846		
9/22/12 5:56	1288560	21476	30.074	19.149	133.064	0.861		
9/22/12 6:11	1289460	21491	30.082	19.146	133.046	0.843		
9/22/12 6:26	1290360	21506	30.085	19.151	133.04	0.837		
9/22/12 6:41	1291260	21521	30.088	19.148	133.032	0.829		
9/22/12 6:56	1292160	21536	30.089	19.15	133.03	0.827		
9/22/12 7:11	1293060	21551	30.086	19.151	133.036	0.833		
9/22/12 7:26	1293960	21566	30.087	19.146	133.033	0.83		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 7:41	1294860	21581	30.089	19.15	133.029	0.826		
9/22/12 7:56	1295760	21596	30.1	19.15	133.004	0.801		
9/22/12 8:11	1296660	21611	30.101	19.149	133.001	0.798		
9/22/12 8:26	1297560	21626	30.105	19.151	132.993	0.79		
9/22/12 8:41	1298460	21641	30.1	19.15	133.005	0.802		
9/22/12 8:56	1299360	21656	30.103	19.148	132.998	0.795		
9/22/12 9:11	1300260	21671	30.103	19.153	132.997	0.794		
9/22/12 9:26	1301160	21686	30.107	19.152	132.989	0.786		
9/22/12 9:41	1302060	21701	30.116	19.152	132.968	0.765		
9/22/12 9:56	1302960	21716	30.119	19.151	132.961	0.758		
9/22/12 10:11	1303860	21731	30.122	19.15	132.954	0.751		
9/22/12 10:26	1304760	21746	30.126	19.152	132.944	0.741		
9/22/12 10:41	1305660	21761	30.122	19.153	132.954	0.751		
9/22/12 10:56	1306560	21776	30.131	19.152	132.933	0.73		
9/22/12 11:11	1307460	21791	30.133	19.15	132.929	0.726		
9/22/12 11:26	1308360	21806	30.136	19.152	132.921	0.718		
9/22/12 11:41	1309260	21821	30.131	19.153	132.933	0.73		
9/22/12 11:56	1310160	21836	30.142	19.153	132.908	0.705		
9/22/12 12:11	1311060	21851	30.143	19.152	132.904	0.701		
9/22/12 12:26	1311960	21866	30.143	19.152	132.905	0.702		
9/22/12 12:41	1312860	21881	30.145	19.153	132.9	0.697		
9/22/12 12:56	1313760	21896	30.149	19.152	132.89	0.687		
9/22/12 13:11	1314660	21911	30.145	19.156	132.901	0.698		
9/22/12 13:26	1315560	21926	30.154	19.152	132.88	0.677		
9/22/12 13:41	1316460	21941	30.154	19.154	132.88	0.677		
9/22/12 13:56	1317360	21956	30.151	19.155	132.887	0.684		
9/22/12 14:11	1318260	21971	30.152	19.155	132.884	0.681		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 14:26	1319160	21986	30.161	19.154	132.862	0.659		
9/22/12 14:41	1320060	22001	30.162	19.155	132.861	0.658		
9/22/12 14:56	1320960	22016	30.164	19.156	132.857	0.654		
9/22/12 15:11	1321860	22031	30.165	19.152	132.854	0.651		
9/22/12 15:26	1322760	22046	30.167	19.154	132.85	0.647		
9/22/12 15:41	1323660	22061	30.162	19.157	132.86	0.657		
9/22/12 15:56	1324560	22076	30.164	19.153	132.857	0.654		
9/22/12 16:11	1325460	22091	30.171	19.155	132.839	0.636		
9/22/12 16:26	1326360	22106	30.172	19.158	132.837	0.634		
9/22/12 16:41	1327260	22121	30.174	19.156	132.834	0.631		
9/22/12 16:56	1328160	22136	30.175	19.158	132.831	0.628		
9/22/12 17:11	1329060	22151	30.176	19.155	132.828	0.625		
9/22/12 17:26	1329960	22166	30.179	19.157	132.822	0.619		
9/22/12 17:41	1330860	22181	30.179	19.156	132.822	0.619		
9/22/12 17:56	1331760	22196	30.18	19.158	132.82	0.617		
9/22/12 18:11	1332660	22211	30.182	19.159	132.815	0.612		
9/22/12 18:26	1333560	22226	30.182	19.157	132.814	0.611		
9/22/12 18:41	1334460	22241	30.182	19.159	132.814	0.611		
9/22/12 18:56	1335360	22256	30.178	19.157	132.825	0.622		
9/22/12 19:11	1336260	22271	30.18	19.159	132.819	0.616		
9/22/12 19:26	1337160	22286	30.187	19.16	132.803	0.6		
9/22/12 19:41	1338060	22301	30.181	19.158	132.818	0.615		
9/22/12 19:56	1338960	22316	30.182	19.16	132.815	0.612		
9/22/12 20:11	1339860	22331	30.188	19.161	132.801	0.598		
9/22/12 20:26	1340760	22346	30.191	19.159	132.794	0.591		
9/22/12 20:41	1341660	22361	30.191	19.159	132.795	0.592		
9/22/12 20:56	1342560	22376	30.191	19.158	132.794	0.591		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 21:11	1343460	22391	30.188	19.16	132.8	0.597		
9/22/12 21:26	1344360	22406	30.195	19.161	132.785	0.582		
9/22/12 21:41	1345260	22421	30.196	19.161	132.783	0.58		
9/22/12 21:56	1346160	22436	30.198	19.161	132.778	0.575		
9/22/12 22:11	1347060	22451	30.193	19.16	132.789	0.586		
9/22/12 22:26	1347960	22466	30.195	19.162	132.784	0.581		
9/22/12 22:41	1348860	22481	30.202	19.159	132.768	0.565		
9/22/12 22:56	1349760	22496	30.197	19.161	132.779	0.576		
9/22/12 23:11	1350660	22511	30.204	19.158	132.764	0.561		
9/22/12 23:26	1351560	22526	30.2	19.159	132.774	0.571		
9/22/12 23:41	1352460	22541	30.2	19.161	132.774	0.571		
9/22/12 23:56	1353360	22556	30.203	19.163	132.767	0.564		
9/23/12 0:11	1354260	22571	30.208	19.164	132.755	0.552		
9/23/12 0:26	1355160	22586	30.211	19.162	132.748	0.545		
9/23/12 0:41	1356060	22601	30.213	19.16	132.744	0.541		
9/23/12 0:56	1356960	22616	30.213	19.162	132.743	0.54		
9/23/12 1:11	1357860	22631	30.213	19.163	132.742	0.539		
9/23/12 1:26	1358760	22646	30.214	19.16	132.74	0.537		
9/23/12 1:41	1359660	22661	30.215	19.163	132.738	0.535		
9/23/12 1:56	1360560	22676	30.217	19.16	132.735	0.532		
9/23/12 2:11	1361460	22691	30.218	19.165	132.731	0.528		
9/23/12 2:26	1362360	22706	30.219	19.161	132.73	0.527		
9/23/12 2:41	1363260	22721	30.215	19.162	132.739	0.536		
9/23/12 2:56	1364160	22736	30.223	19.163	132.72	0.517		
9/23/12 3:11	1365060	22751	30.225	19.163	132.716	0.513		
9/23/12 3:26	1365960	22766	30.225	19.165	132.715	0.512		
9/23/12 3:41	1366860	22781	30.226	19.162	132.713	0.51		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 3:56	1367760	22796	30.22	19.162	132.727	0.524		
9/23/12 4:11	1368660	22811	30.225	19.162	132.714	0.511		
9/23/12 4:26	1369560	22826	30.227	19.163	132.711	0.508		
9/23/12 4:41	1370460	22841	30.228	19.165	132.707	0.504		
9/23/12 4:56	1371360	22856	30.229	19.163	132.706	0.503		
9/23/12 5:11	1372260	22871	30.23	19.165	132.705	0.502		
9/23/12 5:26	1373160	22886	30.229	19.162	132.706	0.503		
9/23/12 5:41	1374060	22901	30.229	19.164	132.706	0.503		
9/23/12 5:56	1374960	22916	30.224	19.163	132.719	0.516		
9/23/12 6:11	1375860	22931	30.231	19.165	132.701	0.498		
9/23/12 6:26	1376760	22946	30.232	19.165	132.698	0.495		
9/23/12 6:41	1377660	22961	30.234	19.166	132.696	0.493		
9/23/12 6:56	1378560	22976	30.233	19.165	132.697	0.494		
9/23/12 7:11	1379460	22991	30.233	19.166	132.698	0.495		
9/23/12 7:26	1380360	23006	30.227	19.166	132.711	0.508		
9/23/12 7:41	1381260	23021	30.233	19.166	132.697	0.494		
9/23/12 7:56	1382160	23036	30.229	19.163	132.707	0.504		
9/23/12 8:11	1383060	23051	30.237	19.164	132.689	0.486		
9/23/12 8:26	1383960	23066	30.237	19.165	132.688	0.485		
9/23/12 8:41	1384860	23081	30.238	19.165	132.685	0.482		
9/23/12 8:56	1385760	23096	30.241	19.166	132.679	0.476		
9/23/12 9:11	1386660	23111	30.235	19.166	132.693	0.49		
9/23/12 9:26	1387560	23126	30.243	19.165	132.674	0.471		
9/23/12 9:41	1388460	23141	30.238	19.166	132.686	0.483		
9/23/12 9:56	1389360	23156	30.246	19.165	132.668	0.465		
9/23/12 10:11	1390260	23171	30.246	19.168	132.667	0.464		
9/23/12 10:26	1391160	23186	30.248	19.167	132.663	0.46		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 10:41	1392060	23201	30.25	19.165	132.657	0.454		
9/23/12 10:56	1392960	23216	30.252	19.167	132.654	0.451		
9/23/12 11:11	1393860	23231	30.252	19.165	132.653	0.45		
9/23/12 11:26	1394760	23246	30.254	19.164	132.648	0.445		
9/23/12 11:41	1395660	23261	30.254	19.166	132.647	0.444		
9/23/12 11:56	1396560	23276	30.255	19.165	132.646	0.443		
9/23/12 12:11	1397460	23291	30.256	19.167	132.644	0.441		
9/23/12 12:26	1398360	23306	30.259	19.167	132.637	0.434		
9/23/12 12:41	1399260	23321	30.262	19.165	132.629	0.426		
9/23/12 12:56	1400160	23336	30.262	19.167	132.631	0.428		
9/23/12 13:11	1401060	23351	30.264	19.166	132.625	0.422		
9/23/12 13:26	1401960	23366	30.265	19.167	132.624	0.421		
9/23/12 13:41	1402860	23381	30.266	19.167	132.621	0.418		
9/23/12 13:56	1403760	23396	30.265	19.167	132.622	0.419		
9/23/12 14:11	1404660	23411	30.269	19.166	132.613	0.41		
9/23/12 14:26	1405560	23426	30.269	19.169	132.613	0.41		
9/23/12 14:41	1406460	23441	30.271	19.169	132.61	0.407		
9/23/12 14:56	1407360	23456	30.272	19.167	132.607	0.404		
9/23/12 15:11	1408260	23471	30.272	19.166	132.606	0.403		
9/23/12 15:26	1409160	23486	30.268	19.166	132.616	0.413		
9/23/12 15:41	1410060	23501	30.277	19.17	132.596	0.393		
9/23/12 15:56	1410960	23516	30.276	19.17	132.598	0.395		
9/23/12 16:11	1411860	23531	30.277	19.17	132.596	0.393		
9/23/12 16:26	1412760	23546	30.276	19.168	132.597	0.394		
9/23/12 16:41	1413660	23561	30.277	19.17	132.596	0.393		
9/23/12 16:56	1414560	23576	30.277	19.171	132.595	0.392		
9/23/12 17:11	1415460	23591	30.278	19.169	132.594	0.391		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 17:26	1416360	23606	30.278	19.17	132.593	0.39		
9/23/12 17:41	1417260	23621	30.278	19.169	132.592	0.389		
9/23/12 17:56	1418160	23636	30.279	19.17	132.59	0.387		
9/23/12 18:11	1419060	23651	30.279	19.17	132.59	0.387		
9/23/12 18:26	1419960	23666	30.28	19.168	132.589	0.386		
9/23/12 18:41	1420860	23681	30.272	19.17	132.606	0.403		
9/23/12 18:56	1421760	23696	30.279	19.172	132.591	0.388		
9/23/12 19:11	1422660	23711	30.279	19.169	132.59	0.387		
9/23/12 19:26	1423560	23726	30.279	19.168	132.59	0.387		
9/23/12 19:41	1424460	23741	30.278	19.167	132.593	0.39		
9/23/12 19:56	1425360	23756	30.278	19.168	132.594	0.391		
9/23/12 20:11	1426260	23771	30.279	19.168	132.591	0.388		
9/23/12 20:26	1427160	23786	30.279	19.17	132.591	0.388		
9/23/12 20:41	1428060	23801	30.28	19.174	132.589	0.386		
9/23/12 20:56	1428960	23816	30.28	19.169	132.589	0.386		
9/23/12 21:11	1429860	23831	30.281	19.17	132.586	0.383		
9/23/12 21:26	1430760	23846	30.283	19.17	132.582	0.379		
9/23/12 21:41	1431660	23861	30.283	19.168	132.581	0.378		
9/23/12 21:56	1432560	23876	30.284	19.167	132.578	0.375		
9/23/12 22:11	1433460	23891	30.285	19.168	132.578	0.375		
9/23/12 22:26	1434360	23906	30.284	19.172	132.578	0.375		
9/23/12 22:41	1435260	23921	30.286	19.168	132.574	0.371		
9/23/12 22:56	1436160	23936	30.286	19.169	132.575	0.372		
9/23/12 23:11	1437060	23951	30.288	19.169	132.57	0.367		
9/23/12 23:26	1437960	23966	30.288	19.17	132.571	0.368		
9/23/12 23:41	1438860	23981	30.29	19.17	132.565	0.362		
9/23/12 23:56	1439760	23996	30.284	19.173	132.579	0.376		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/24/12 0:11	1440660	24011	30.291	19.168	132.564	0.361		
9/24/12 0:26	1441560	24026	30.291	19.173	132.562	0.359		
9/24/12 0:41	1442460	24041	30.292	19.17	132.561	0.358		
9/24/12 0:56	1443360	24056	30.292	19.172	132.56	0.357		
9/24/12 1:11	1444260	24071	30.293	19.17	132.558	0.355		
9/24/12 1:26	1445160	24086	30.293	19.173	132.558	0.355		
9/24/12 1:41	1446060	24101	30.293	19.174	132.557	0.354		
9/24/12 1:56	1446960	24116	30.294	19.171	132.555	0.352		
9/24/12 2:11	1447860	24131	30.295	19.17	132.553	0.35		
9/24/12 2:26	1448760	24146	30.297	19.172	132.549	0.346		
9/24/12 2:41	1449660	24161	30.298	19.176	132.548	0.345		
9/24/12 2:56	1450560	24176	30.298	19.171	132.546	0.343		
9/24/12 3:11	1451460	24191	30.299	19.17	132.544	0.341		
9/24/12 3:26	1452360	24206	30.299	19.171	132.545	0.342		
9/24/12 3:41	1453260	24221	30.301	19.172	132.54	0.337		
9/24/12 3:56	1454160	24236	30.301	19.173	132.54	0.337		
9/24/12 4:11	1455060	24251	30.301	19.176	132.54	0.337		
9/24/12 4:26	1455960	24266	30.301	19.172	132.541	0.338		
9/24/12 4:41	1456860	24281	30.301	19.173	132.539	0.336		
9/24/12 4:56	1457760	24296	30.301	19.174	132.54	0.337		
9/24/12 5:11	1458660	24311	30.302	19.174	132.539	0.336		
9/24/12 5:26	1459560	24326	30.302	19.172	132.537	0.334		
9/24/12 5:41	1460460	24341	30.301	19.173	132.54	0.337		
9/24/12 5:56	1461360	24356	30.305	19.17	132.532	0.329		
9/24/12 6:11	1462260	24371	30.306	19.175	132.528	0.325		
9/24/12 6:26	1463160	24386	30.305	19.171	132.53	0.327		
9/24/12 6:41	1464060	24401	30.305	19.173	132.532	0.329		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/24/12 6:56	1464960	24416	30.304	19.177	132.534	0.331		
9/24/12 7:11	1465860	24431	30.305	19.172	132.531	0.328		
9/24/12 7:26	1466760	24446	30.305	19.172	132.53	0.327		
9/24/12 7:41	1467660	24461	30.306	19.175	132.528	0.325		
9/24/12 7:56	1468560	24476	30.305	19.174	132.532	0.329		
9/24/12 8:11	1469460	24491	30.306	19.176	132.528	0.325		
9/24/12 8:26	1470360	24506	30.305	19.173	132.53	0.327		
9/24/12 8:41	1471260	24521	30.306	19.173	132.528	0.325		
9/24/12 8:56	1472160	24536	30.305	19.176	132.53	0.327		
9/24/12 9:11	1473060	24551	30.307	19.175	132.525	0.322		
9/24/12 9:26	1473960	24566	30.308	19.172	132.525	0.322		
9/24/12 9:41	1474860	24581	30.308	19.172	132.523	0.32		
9/24/12 9:56	1475760	24596	30.31	19.173	132.519	0.316		
9/24/12 10:11	1476660	24611	30.311	19.173	132.517	0.314		
9/24/12 10:26	1477560	24626	30.312	19.175	132.514	0.311		
9/24/12 10:41	1478460	24641	30.315	19.174	132.508	0.305		
9/24/12 10:56	1479360	24656	30.314	19.175	132.509	0.306		
9/24/12 11:11	1480260	24671	30.316	19.176	132.506	0.303		
9/24/12 11:26	1481160	24686	30.318	19.172	132.501	0.298		
9/24/12 11:41	1482060	24701	30.32	19.173	132.496	0.293		
9/24/12 11:56	1482960	24716	30.32	19.173	132.496	0.293		
9/24/12 12:11	1483860	24731	30.322	19.173	132.493	0.29		
9/24/12 12:26	1484760	24746	30.323	19.175	132.488	0.285		
9/24/12 12:41	1485660	24761	30.322	19.176	132.491	0.288		
9/24/12 12:56	1486560	24776	30.326	19.174	132.482	0.279		
9/24/12 13:11	1487460	24791	30.323	19.176	132.49	0.287		
9/24/12 13:26	1488360	24806	30.323	19.172	132.488	0.285		

Table F-5

MW-4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/24/12 13:41	1489260	24821	30.331	19.176	132.47	0.267		
9/24/12 13:56	1490160	24836	30.329	19.177	132.476	0.273		
9/24/12 14:11	1491060	24851	30.32	19.177	132.495	0.292		
9/24/12 14:26	1491960	24866	30.322	19.173	132.492	0.289		
Notes: PSI: Pounds per square inch ft btoc: feet below top of casing C: Degrees Celcius gpm: gallons per minute								

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
7/18/12 18:00			31.371	19.155	130.676	0.007		
7/19/12 18:00			31.398	19.161	130.615	-0.054		
7/20/12 18:00			31.404	19.166	130.599	-0.07		
7/21/12 18:00			31.42	19.165	130.563	-0.106		
7/22/12 18:00			31.422	19.167	130.559	-0.11		
7/23/12 18:00			31.433	19.169	130.535	-0.134		
7/24/12 18:00			31.426	19.169	130.55	-0.119		
7/25/12 18:00			31.429	19.166	130.542	-0.127		
7/26/12 18:00			31.424	19.168	130.554	-0.115		
7/27/12 18:00			31.428	19.169	130.545	-0.124		
7/28/12 18:00			31.429	19.171	130.542	-0.127		
7/29/12 18:00			31.429	19.169	130.543	-0.126		
7/30/12 18:00			31.417	19.17	130.57	-0.099		
7/31/12 18:00			31.431	19.169	130.537	-0.132		
8/1/12 18:00			31.428	19.172	130.544	-0.125		
8/2/12 18:00			31.434	19.169	130.53	-0.139		
8/3/12 18:00			31.431	19.175	130.538	-0.131		
8/4/12 18:00			31.431	19.173	130.539	-0.13		
8/5/12 18:00			31.427	19.174	130.548	-0.121		
8/6/12 18:00			31.428	19.17	130.544	-0.125		
8/7/12 18:00			31.432	19.173	130.536	-0.133		
8/8/12 18:00			31.431	19.176	130.538	-0.131		
8/9/12 18:00			31.419	19.174	130.565	-0.104		
8/10/12 18:00			31.43	19.176	130.541	-0.128		
8/11/12 18:00			31.424	19.176	130.555	-0.114		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/12/12 18:00			31.425	19.175	130.553	-0.116		
8/13/12 18:00			31.429	19.177	130.543	-0.126		
8/14/12 18:00			31.432	19.176	130.536	-0.133		
8/15/12 18:00			31.441	19.177	130.516	-0.153		
8/16/12 18:00			31.441	19.177	130.516	-0.153		
8/17/12 18:00			31.444	19.178	130.508	-0.161		
8/18/12 18:00			31.444	19.18	130.508	-0.161		
8/19/12 18:00			31.434	19.176	130.53	-0.139		
8/20/12 18:00			31.441	19.181	130.514	-0.155		
8/21/12 18:00			31.438	19.182	130.522	-0.147		
8/22/12 18:00			31.421	19.177	130.562	-0.107		
8/24/12 9:50							130.34	
8/24/12 16:00			31.43	19.177	130.548	-0.121		Development
8/24/12 17:00			31.419	19.179	130.573	-0.096		
8/24/12 18:00			31.407	19.176	130.6	-0.069		
8/24/12 19:00			31.408	19.179	130.597	-0.072		
8/24/12 20:00			31.41	19.177	130.594	-0.075		
8/24/12 21:00			31.412	19.177	130.589	-0.08		
8/24/12 22:00			31.412	19.178	130.589	-0.08		
8/24/12 23:00			31.408	19.178	130.597	-0.072		
8/25/12 0:00			31.41	19.178	130.593	-0.076		
8/25/12 1:00			31.407	19.179	130.6	-0.069		
8/25/12 2:00			31.418	19.181	130.575	-0.094		
8/25/12 3:00			31.419	19.178	130.572	-0.097		
8/25/12 4:00			31.403	19.18	130.61	-0.059		
8/25/12 5:00			31.414	19.182	130.583	-0.086		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/25/12 6:00			31.412	19.177	130.588	-0.081		
8/25/12 7:00			31.41	19.18	130.593	-0.076		
8/25/12 8:00			31.409	19.179	130.596	-0.073		
8/25/12 9:00			31.415	19.177	130.581	-0.088		
8/25/12 10:00			31.418	19.18	130.575	-0.094		
8/25/12 11:00			31.421	19.18	130.569	-0.1		
8/25/12 12:00			31.425	19.181	130.558	-0.111		
8/25/12 13:00			31.425	19.181	130.559	-0.11		
8/25/12 14:00			31.429	19.18	130.55	-0.119		
8/25/12 15:00			31.433	19.181	130.541	-0.128		
8/25/12 16:00			31.428	19.179	130.552	-0.117		
8/25/12 17:00			31.427	19.18	130.555	-0.114		
8/25/12 18:00			31.43	19.183	130.546	-0.123		
8/25/12 19:00			31.424	19.179	130.56	-0.109		
8/25/12 20:00			31.421	19.182	130.569	-0.1		
8/25/12 21:00			31.418	19.181	130.575	-0.094		
8/25/12 22:00			31.417	19.183	130.577	-0.092		
8/25/12 23:00			31.42	19.183	130.569	-0.1		
8/26/12 0:00			31.416	19.179	130.579	-0.09		
8/26/12 1:00			31.421	19.181	130.569	-0.1		
8/26/12 2:00			31.408	19.182	130.597	-0.072		
8/26/12 3:00			31.416	19.184	130.58	-0.089		
8/26/12 4:00			31.409	19.182	130.596	-0.073		
8/26/12 5:00			31.412	19.181	130.588	-0.081		
8/26/12 6:00			31.416	19.182	130.58	-0.089		
8/26/12 7:00			31.413	19.182	130.586	-0.083		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/26/12 8:00			31.415	19.184	130.581	-0.088		
8/26/12 9:00			31.409	19.18	130.596	-0.073		
8/26/12 10:00			31.417	19.182	130.576	-0.093		
8/26/12 11:00			31.418	19.181	130.575	-0.094		
8/26/12 12:00			31.424	19.182	130.562	-0.107		
8/26/12 13:00			31.413	19.184	130.585	-0.084		
8/26/12 14:00			31.417	19.179	130.576	-0.093		
8/26/12 15:00			31.413	19.178	130.587	-0.082		
8/26/12 16:00			31.422	19.182	130.565	-0.104		
8/26/12 17:00			31.42	19.182	130.57	-0.099		
8/26/12 18:00			31.428	19.182	130.551	-0.118		
8/26/12 19:00			31.421	19.184	130.568	-0.101		
8/26/12 20:00			31.419	19.182	130.573	-0.096		
8/26/12 21:00			31.417	19.184	130.577	-0.092		
8/26/12 22:00			31.407	19.183	130.599	-0.07		
8/26/12 23:00			31.42	19.183	130.569	-0.1		
8/27/12 0:00			31.411	19.184	130.591	-0.078		
8/27/12 1:00			31.414	19.184	130.584	-0.085		
8/27/12 2:00			31.418	19.183	130.575	-0.094		
8/27/12 3:00			31.409	19.181	130.595	-0.074		
8/27/12 4:00			31.417	19.181	130.576	-0.093		
8/27/12 5:00			31.423	19.183	130.564	-0.105		
8/27/12 6:00			31.417	19.183	130.577	-0.092		
8/27/12 7:00			31.413	19.184	130.587	-0.082		
8/27/12 8:00			31.405	19.182	130.605	-0.064		
8/27/12 9:00			31.415	19.182	130.581	-0.088		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/27/12 10:00			31.417	19.183	130.576	-0.093		
8/27/12 11:00			31.419	19.181	130.572	-0.097		
8/27/12 12:00			31.419	19.181	130.573	-0.096		
8/27/12 13:00			31.421	19.184	130.569	-0.1		
8/27/12 13:15							130.37	
8/27/12 14:00			31.425	19.182	130.558	-0.111		
8/27/12 15:00			31.43	19.181	130.547	-0.122		
8/27/12 16:00			31.429	19.183	130.55	-0.119		
8/27/12 17:00			31.432	19.184	130.542	-0.127		
8/28/12 9:40							130.28	
8/28/12 17:05							130.41	
8/28/12 17:14			31.523	19.187	130.354	-0.315		
8/28/12 18:14			31.404	19.173	130.628	-0.041		
8/28/12 19:14			31.398	19.17	130.643	-0.026		
8/28/12 20:14			31.394	19.173	130.651	-0.018		
8/28/12 21:14			31.397	19.176	130.646	-0.023		
8/28/12 22:14			31.386	19.176	130.671	0.002		
8/28/12 23:14			31.393	19.174	130.655	-0.014		
8/29/12 0:14			31.392	19.176	130.657	-0.012		
8/29/12 1:14			31.391	19.176	130.659	-0.01		
8/29/12 2:14			31.395	19.176	130.65	-0.019		
8/29/12 3:14			31.402	19.176	130.634	-0.035		
8/29/12 4:14			31.404	19.179	130.628	-0.041		
8/29/12 5:14			31.409	19.178	130.617	-0.052		
8/29/12 6:14			31.407	19.178	130.621	-0.048		
8/29/12 7:14			31.404	19.18	130.629	-0.04		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/29/12 8:14			31.397	19.18	130.645	-0.024		
8/29/12 9:14			31.409	19.18	130.617	-0.052		
8/29/12 9:40							130.41	
8/29/12 10:14			31.443	19.18	130.54	-0.129		
8/29/12 11:14			31.438	19.184	130.551	-0.118		
8/29/12 12:14			31.445	19.183	130.533	-0.136		
8/29/12 13:14			31.433	19.183	130.561	-0.108		
8/29/12 14:14			31.403	19.186	130.63	-0.039		
8/29/12 15:14			31.399	19.18	130.641	-0.028		
8/29/12 16:14			31.414	19.181	130.606	-0.063		
8/29/12 16:50							130.37	
8/29/12 17:14			31.387	19.181	130.667	-0.002		
8/29/12 18:14			31.405	19.18	130.627	-0.042		
8/29/12 19:14			31.41	19.177	130.616	-0.053		
8/29/12 20:14			31.398	19.179	130.643	-0.026		
8/29/12 21:14			31.401	19.182	130.635	-0.034		
8/29/12 22:14			31.397	19.177	130.644	-0.025		
8/29/12 23:14			31.397	19.179	130.644	-0.025		
8/30/12 0:14			31.398	19.178	130.643	-0.026		
8/30/12 1:14			31.415	19.182	130.604	-0.065		
8/30/12 2:14			31.404	19.181	130.628	-0.041		
8/30/12 3:14			31.413	19.179	130.608	-0.061		
8/30/12 4:14			31.412	19.183	130.61	-0.059		
8/30/12 5:14			31.401	19.183	130.635	-0.034		
8/30/12 6:14			31.412	19.183	130.61	-0.059		
8/30/12 7:14			31.409	19.182	130.617	-0.052		

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MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/30/12 8:14			31.41	19.185	130.614	-0.055		
8/30/12 8:50							130.41	
8/30/12 9:14			31.4	19.184	130.637	-0.032		
8/30/12 10:14			31.373	19.18	130.7	0.031		
8/30/12 11:14			31.38	19.182	130.685	0.016		
8/30/12 12:14			31.363	19.177	130.723	0.054		
8/30/12 13:14			31.383	19.178	130.677	0.008		
8/30/12 14:14			31.356	19.175	130.74	0.071		
8/30/12 15:14			31.355	19.175	130.743	0.074		
8/30/12 16:14			31.324	19.176	130.814	0.145		
8/30/12 17:14			31.336	19.172	130.786	0.117		
8/30/12 18:14			31.367	19.171	130.715	0.046		
8/30/12 19:14			31.379	19.17	130.687	0.018		
8/30/12 20:14			31.389	19.175	130.664	-0.005		
8/30/12 21:14			31.372	19.174	130.703	0.034		
8/30/12 22:14			31.384	19.176	130.675	0.006		
8/30/12 23:14			31.378	19.176	130.689	0.02		
8/31/12 0:14			31.382	19.176	130.679	0.01		
8/31/12 1:14			31.381	19.175	130.682	0.013		
8/31/12 2:14			31.392	19.178	130.657	-0.012		
8/31/12 3:14			31.391	19.177	130.66	-0.009		
8/31/12 4:14			31.4	19.18	130.638	-0.031		
8/31/12 5:14			31.396	19.178	130.648	-0.021		
8/31/12 6:14			31.39	19.177	130.662	-0.007		
8/31/12 7:14			31.394	19.179	130.651	-0.018		
8/31/12 8:14			31.384	19.179	130.674	0.005		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/31/12 9:14			31.39	19.179	130.662	-0.007		
8/31/12 10:14			31.391	19.177	130.659	-0.01		
8/31/12 11:14			31.398	19.18	130.642	-0.027		
8/31/12 12:14			31.412	19.181	130.611	-0.058		
8/31/12 13:14			31.408	19.18	130.619	-0.05		
8/31/12 14:14			31.397	19.182	130.646	-0.023		
8/31/12 15:14			31.419	19.184	130.593	-0.076		
8/31/12 16:14			31.421	19.182	130.589	-0.08		
8/31/12 17:14			31.403	19.179	130.632	-0.037		
8/31/12 18:14			31.412	19.184	130.611	-0.058		
8/31/12 19:14			31.411	19.184	130.613	-0.056		
8/31/12 20:14			31.393	19.179	130.655	-0.014		
8/31/12 21:14			31.397	19.182	130.646	-0.023		
8/31/12 22:14			31.408	19.183	130.619	-0.05		
8/31/12 23:14			31.399	19.181	130.64	-0.029		
9/1/12 0:14			31.407	19.183	130.622	-0.047		
9/1/12 1:14			31.411	19.186	130.612	-0.057		
9/1/12 2:14			31.411	19.182	130.613	-0.056		
9/1/12 3:14			31.408	19.182	130.62	-0.049		
9/1/12 4:14			31.403	19.182	130.632	-0.037		
9/1/12 5:14			31.403	19.181	130.632	-0.037		
9/1/12 6:14			31.408	19.182	130.619	-0.05		
9/1/12 7:14			31.393	19.184	130.653	-0.016		
9/1/12 8:14			31.4	19.182	130.639	-0.03		
9/1/12 9:14			31.404	19.184	130.628	-0.041		
9/1/12 10:14			31.402	19.183	130.633	-0.036		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/1/12 11:14			31.407	19.182	130.621	-0.048		
9/1/12 12:14			31.402	19.18	130.634	-0.035		
9/1/12 13:14			31.414	19.183	130.606	-0.063		
9/1/12 14:14			31.416	19.187	130.601	-0.068		
9/1/12 15:14			31.413	19.182	130.608	-0.061		
9/1/12 16:14			31.41	19.184	130.614	-0.055		
9/1/12 17:14			31.412	19.184	130.611	-0.058		
9/1/12 18:14			31.414	19.184	130.605	-0.064		
9/1/12 19:14			31.413	19.185	130.608	-0.061		
9/1/12 20:14			31.412	19.186	130.611	-0.058		
9/1/12 21:14			31.414	19.184	130.606	-0.063		
9/1/12 22:14			31.41	19.184	130.615	-0.054		
9/1/12 23:14			31.404	19.186	130.629	-0.04		
9/2/12 0:14			31.403	19.184	130.632	-0.037		
9/2/12 1:14			31.402	19.185	130.634	-0.035		
9/2/12 2:14			31.406	19.183	130.623	-0.046		
9/2/12 3:14			31.41	19.189	130.616	-0.053		
9/2/12 4:14			31.415	19.185	130.603	-0.066		
9/2/12 5:14			31.408	19.184	130.619	-0.05		
9/2/12 6:14			31.404	19.188	130.629	-0.04		
9/2/12 7:14			31.409	19.185	130.618	-0.051		
9/2/12 8:14			31.41	19.187	130.615	-0.054		
9/2/12 9:14			31.415	19.185	130.604	-0.065		
9/2/12 10:14			31.418	19.186	130.597	-0.072		
9/2/12 11:14			31.418	19.182	130.596	-0.073		
9/2/12 12:14			31.408	19.186	130.62	-0.049		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/2/12 13:14			31.417	19.186	130.599	-0.07		
9/2/12 14:14			31.413	19.187	130.607	-0.062		
9/2/12 15:14			31.414	19.183	130.606	-0.063		
9/2/12 16:14			31.42	19.183	130.591	-0.078		
9/2/12 17:14			31.411	19.183	130.613	-0.056		
9/2/12 18:14			31.412	19.187	130.61	-0.059		
9/2/12 19:14			31.408	19.187	130.619	-0.05		
9/2/12 20:14			31.409	19.187	130.618	-0.051		
9/2/12 21:14			31.402	19.183	130.633	-0.036		
9/2/12 22:14			31.408	19.185	130.62	-0.049		
9/2/12 23:14			31.409	19.187	130.618	-0.051		
9/3/12 0:14			31.409	19.186	130.618	-0.051		
9/3/12 1:14			31.413	19.185	130.608	-0.061		
9/3/12 2:14			31.406	19.186	130.624	-0.045		
9/3/12 3:14			31.42	19.189	130.593	-0.076		
9/3/12 4:14			31.417	19.185	130.6	-0.069		
9/3/12 5:14			31.419	19.186	130.595	-0.074		
9/3/12 6:14			31.402	19.184	130.633	-0.036		
9/3/12 7:14			31.413	19.186	130.608	-0.061		
9/3/12 8:14			31.406	19.185	130.623	-0.046		
9/3/12 9:14			31.414	19.186	130.607	-0.062		
9/3/12 10:14			31.409	19.185	130.618	-0.051		
9/3/12 11:14			31.42	19.185	130.593	-0.076		
9/3/12 12:14			31.421	19.182	130.589	-0.08		
9/3/12 13:14			31.421	19.186	130.589	-0.08		
9/3/12 14:14			31.423	19.188	130.586	-0.083		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/3/12 15:14			31.416	19.185	130.601	-0.068		
9/3/12 16:14			31.427	19.19	130.575	-0.094		
9/3/12 17:14			31.416	19.187	130.602	-0.067		
9/3/12 18:14			31.41	19.187	130.614	-0.055		
9/3/12 19:14			31.423	19.186	130.585	-0.084		
9/3/12 20:14			31.406	19.188	130.624	-0.045		
9/3/12 21:14			31.399	19.187	130.64	-0.029		
9/3/12 22:14			31.402	19.187	130.633	-0.036		
9/3/12 23:14			31.41	19.186	130.615	-0.054		
9/4/12 0:14			31.416	19.185	130.602	-0.067		
9/4/12 1:14			31.421	19.189	130.59	-0.079		
9/4/12 2:14			31.403	19.185	130.631	-0.038		
9/4/12 3:14			31.404	19.191	130.629	-0.04		
9/4/12 4:14			31.42	19.189	130.593	-0.076		
9/4/12 5:14			31.407	19.186	130.622	-0.047		
9/4/12 6:14			31.405	19.186	130.626	-0.043		
9/4/12 7:14			31.405	19.186	130.626	-0.043		
9/4/12 8:14			31.417	19.187	130.6	-0.069		
9/4/12 9:14			31.42	19.186	130.592	-0.077		
9/4/12 10:14			31.404	19.186	130.629	-0.04		
9/4/12 11:14			31.421	19.183	130.59	-0.079		
9/4/12 12:14			31.415	19.191	130.604	-0.065		
9/4/12 13:14			31.43	19.187	130.57	-0.099		
9/4/12 14:14			31.426	19.187	130.578	-0.091		
9/4/12 15:14			31.419	19.185	130.593	-0.076		
9/4/12 15:40							130.37	

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/4/12 16:14			31.431	19.187	130.566	-0.103		
9/4/12 17:14			31.41	19.185	130.614	-0.055		
9/4/12 18:14			31.418	19.185	130.597	-0.072		
9/4/12 19:14			31.416	19.186	130.6	-0.069		
9/4/12 20:14			31.404	19.188	130.628	-0.041		
9/4/12 21:14			31.417	19.187	130.599	-0.07		
9/4/12 22:14			31.416	19.184	130.601	-0.068		
9/4/12 23:14			31.404	19.19	130.628	-0.041		
9/5/12 0:14			31.418	19.188	130.597	-0.072		
9/5/12 1:14			31.403	19.188	130.631	-0.038		
9/5/12 2:14			31.416	19.187	130.6	-0.069		
9/5/12 3:14			31.407	19.185	130.621	-0.048		
9/5/12 4:14			31.408	19.186	130.62	-0.049		
9/5/12 5:14			31.412	19.186	130.61	-0.059		
9/5/12 6:14			31.408	19.19	130.62	-0.049		
9/5/12 7:14			31.417	19.189	130.598	-0.071		
9/5/12 7:35							130.39	
9/5/12 8:00			31.39	19.187	132.506	0		
9/5/12 8:10			31.369	19.187	132.555	0.049		
9/5/12 8:20			31.359	19.187	132.579	0.073		
9/5/12 8:30			31.357	19.187	132.583	0.077		
9/5/12 8:40			31.349	19.186	132.601	0.095		Step Test
9/5/12 8:50			31.349	19.184	132.601	0.095		25 gpm
9/5/12 9:00			31.338	19.189	132.627	0.121		
9/5/12 9:10			31.323	19.186	132.661	0.155		
9/5/12 9:20			31.304	19.187	132.706	0.2		

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MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/5/12 9:30			31.296	19.185	132.724	0.218		
9/5/12 9:40			31.281	19.184	132.758	0.252		35 gpm
9/5/12 9:50			31.28	19.186	132.762	0.256		
9/5/12 10:00			31.257	19.185	132.813	0.307		
9/5/12 10:10			31.255	19.186	132.82	0.314		
9/5/12 10:20			31.238	19.184	132.859	0.353		
9/5/12 10:30			31.228	19.181	132.882	0.376		
9/5/12 10:40			31.21	19.18	132.924	0.418		45 gpm
9/5/12 10:50			31.208	19.179	132.927	0.421		
9/5/12 11:00			31.2	19.178	132.945	0.439		
9/5/12 11:10			31.178	19.178	132.997	0.491		
9/5/12 11:20			31.176	19.175	133.001	0.495		
9/5/12 11:30			31.155	19.176	133.05	0.544		
9/5/12 11:40			31.146	19.172	133.072	0.566		
9/5/12 11:50			31.14	19.169	133.085	0.579		
9/5/12 12:00			31.124	19.165	133.121	0.615		
9/5/12 12:10			31.118	19.164	133.135	0.629		
9/5/12 12:20			31.11	19.161	133.153	0.647		
9/5/12 12:30			31.101	19.157	133.174	0.668		
9/5/12 12:40			31.101	19.153	133.175	0.669		
9/5/12 12:50			31.092	19.148	133.196	0.69		
9/5/12 13:00			31.093	19.146	133.193	0.687		
9/5/12 13:10			31.082	19.143	133.219	0.713		
9/5/12 13:20			31.076	19.144	133.233	0.727		
9/5/12 13:30			31.075	19.136	133.235	0.729		
9/5/12 13:40			31.069	19.131	133.248	0.742		

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MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/5/12 13:50			31.062	19.133	133.264	0.758		
9/5/12 14:00			31.057	19.125	133.275	0.769		end of Step Test
9/5/12 14:10			31.047	19.129	133.299	0.793		
9/5/12 14:20			31.064	19.123	133.259	0.753		
9/5/12 14:30			31.089	19.125	133.202	0.696		
9/5/12 14:40			31.115	19.119	133.142	0.636		
9/5/12 14:50			31.137	19.121	133.091	0.585		
9/5/12 15:00			31.148	19.118	133.066	0.56		
9/5/12 15:10			31.162	19.117	133.033	0.527		
9/5/12 15:20			31.172	19.117	133.01	0.504		
9/5/12 15:30			31.184	19.117	132.983	0.477		
9/5/12 15:40			31.196	19.116	132.955	0.449		
9/5/12 15:50			31.201	19.121	132.945	0.439		End of Development
9/5/12 16:00			31.205	19.119	132.935	0.429		
9/5/12 16:07							130.61	
9/6/12 8:52							130.48	
9/6/12 15:20							130.52	
9/7/12 7:45							130.49	
9/7/12 8:00	0	0	31.32	19.175	130.669	0		Start of APT 2
9/7/12 8:15	900	15	31.28	19.177	130.761	0.092		
9/7/12 8:30	1800	30	31.243	19.176	130.845	0.176		
9/7/12 8:45	2700	45	31.207	19.175	130.93	0.261		
9/7/12 9:00	3600	60	31.191	19.174	130.965	0.296		
9/7/12 9:15	4500	75	31.167	19.171	131.021	0.352		
9/7/12 9:30	5400	90	31.141	19.169	131.082	0.413		
9/7/12 9:45	6300	105	31.126	19.168	131.116	0.447		

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MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 10:00	7200	120	31.117	19.166	131.137	0.468		
9/7/12 10:15	8100	135	31.101	19.162	131.173	0.504		
9/7/12 10:30	9000	150	31.089	19.156	131.202	0.533		
9/7/12 10:45	9900	165	31.076	19.149	131.23	0.561		
9/7/12 11:00	10800	180	31.069	19.144	131.246	0.577		
9/7/12 11:15	11700	195	31.064	19.141	131.258	0.589		
9/7/12 11:30	12600	210	31.056	19.136	131.278	0.609		
9/7/12 11:45	13500	225	31.048	19.132	131.295	0.626		
9/7/12 12:00	14400	240	31.04	19.128	131.314	0.645		
9/7/12 12:15	15300	255	31.026	19.124	131.346	0.677		
9/7/12 12:30	16200	270	31.023	19.119	131.354	0.685		
9/7/12 12:40							130.84	
9/7/12 12:45	17100	285	31.02	19.115	131.361	0.692		
9/7/12 13:00	18000	300	31.009	19.111	131.386	0.717		
9/7/12 13:15	18900	315	31.008	19.109	131.388	0.719		
9/7/12 13:30	19800	330	30.999	19.108	131.41	0.741		
9/7/12 13:45	20700	345	30.986	19.102	131.438	0.769		
9/7/12 14:00	21600	360	30.995	19.103	131.418	0.749		
9/7/12 14:15	22500	375	30.985	19.101	131.442	0.773		
9/7/12 14:30	23400	390	30.978	19.097	131.458	0.789		
9/7/12 14:45	24300	405	30.97	19.096	131.475	0.806		
9/7/12 15:00	25200	420	30.969	19.096	131.478	0.809		
9/7/12 15:15	26100	435	30.966	19.093	131.484	0.815		
9/7/12 15:30	27000	450	30.962	19.092	131.495	0.826		
9/7/12 15:45	27900	465	30.953	19.091	131.514	0.845		
9/7/12 16:00	28800	480	30.948	19.09	131.526	0.857		

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MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 16:15	29700	495	30.946	19.088	131.532	0.863		
9/7/12 16:30	30600	510	30.939	19.093	131.548	0.879		
9/7/12 16:45	31500	525	30.934	19.087	131.56	0.891		
9/7/12 17:00	32400	540	30.929	19.088	131.572	0.903		
9/7/12 17:15	33300	555	30.92	19.086	131.591	0.922		
9/7/12 17:30	34200	570	30.921	19.085	131.588	0.919		
9/7/12 17:45	35100	585	30.912	19.084	131.61	0.941		
9/7/12 18:00	36000	600	30.907	19.086	131.622	0.953		
9/7/12 18:15	36900	615	30.913	19.083	131.607	0.938		
9/7/12 18:30	37800	630	30.899	19.082	131.641	0.972		
9/7/12 18:45	38700	645	30.893	19.081	131.655	0.986		
9/7/12 19:00	39600	660	30.899	19.083	131.639	0.97		
9/7/12 19:10							131.09	
9/7/12 19:15	40500	675	30.9	19.08	131.637	0.968		
9/7/12 19:30	41400	690	30.887	19.08	131.668	0.999		
9/7/12 19:45	42300	705	30.882	19.079	131.679	1.01		
9/7/12 20:00	43200	720	30.879	19.079	131.686	1.017		
9/7/12 20:15	44100	735	30.881	19.079	131.681	1.012		
9/7/12 20:30	45000	750	30.878	19.077	131.689	1.02		
9/7/12 20:45	45900	765	30.872	19.075	131.703	1.034		
9/7/12 21:00	46800	780	30.87	19.075	131.706	1.037		
9/7/12 21:15	47700	795	30.863	19.076	131.723	1.054		
9/7/12 21:30	48600	810	30.859	19.075	131.732	1.063		
9/7/12 21:45	49500	825	30.858	19.074	131.736	1.067		
9/7/12 22:00	50400	840	30.852	19.072	131.748	1.079		
9/7/12 22:15	51300	855	30.854	19.074	131.744	1.075		

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MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 22:30	52200	870	30.859	19.072	131.733	1.064		
9/7/12 22:45	53100	885	30.849	19.072	131.754	1.085		
9/7/12 23:00	54000	900	30.849	19.071	131.754	1.085		
9/7/12 23:15	54900	915	30.845	19.071	131.765	1.096		
9/7/12 23:30	55800	930	30.84	19.071	131.777	1.108		
9/7/12 23:45	56700	945	30.839	19.069	131.779	1.11		
9/8/12 0:00	57600	960	30.83	19.07	131.798	1.129		
9/8/12 0:15	58500	975	30.828	19.069	131.803	1.134		
9/8/12 0:30	59400	990	30.831	19.068	131.797	1.128		
9/8/12 0:45	60300	1005	30.83	19.07	131.8	1.131		
9/8/12 1:00	61200	1020	30.829	19.07	131.801	1.132		
9/8/12 1:15	62100	1035	30.826	19.067	131.808	1.139		
9/8/12 1:30	63000	1050	30.824	19.067	131.813	1.144		
9/8/12 1:45	63900	1065	30.819	19.069	131.824	1.155		
9/8/12 2:00	64800	1080	30.817	19.066	131.829	1.16		
9/8/12 2:15	65700	1095	30.818	19.064	131.826	1.157		
9/8/12 2:30	66600	1110	30.816	19.066	131.832	1.163		
9/8/12 2:45	67500	1125	30.819	19.066	131.824	1.155		
9/8/12 3:00	68400	1140	30.816	19.064	131.832	1.163		
9/8/12 3:15	69300	1155	30.809	19.063	131.847	1.178		
9/8/12 3:30	70200	1170	30.808	19.064	131.851	1.182		
9/8/12 3:45	71100	1185	30.796	19.066	131.878	1.209		
9/8/12 4:00	72000	1200	30.802	19.063	131.865	1.196		
9/8/12 4:15	72900	1215	30.799	19.066	131.87	1.201		
9/8/12 4:30	73800	1230	30.795	19.064	131.879	1.21		
9/8/12 4:45	74700	1245	30.789	19.065	131.894	1.225		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 5:00	75600	1260	30.786	19.063	131.901	1.232		
9/8/12 5:15	76500	1275	30.791	19.061	131.889	1.22		
9/8/12 5:30	77400	1290	30.787	19.063	131.898	1.229		
9/8/12 5:45	78300	1305	30.786	19.062	131.9	1.231		
9/8/12 6:00	79200	1320	30.785	19.063	131.903	1.234		
9/8/12 6:15	80100	1335	30.781	19.062	131.911	1.242		
9/8/12 6:30	81000	1350	30.78	19.062	131.914	1.245		
9/8/12 6:45	81900	1365	30.774	19.065	131.928	1.259		
9/8/12 7:00	82800	1380	30.773	19.065	131.93	1.261		
9/8/12 7:15	83700	1395	30.774	19.062	131.928	1.259		
9/8/12 7:30	84600	1410	30.773	19.059	131.93	1.261		
9/8/12 7:45	85500	1425	30.77	19.063	131.939	1.27		
9/8/12 8:00	86400	1440	30.768	19.062	131.942	1.273		
9/8/12 8:15	87300	1455	30.778	19.063	131.919	1.25		
9/8/12 8:30	88200	1470	30.772	19.061	131.933	1.264		
9/8/12 8:45	89100	1485	30.763	19.062	131.954	1.285		
9/8/12 9:00	90000	1500	30.762	19.06	131.957	1.288		
9/8/12 9:15	90900	1515	30.765	19.061	131.95	1.281		
9/8/12 9:30	91800	1530	30.765	19.061	131.95	1.281		
9/8/12 9:45	92700	1545	30.763	19.059	131.953	1.284		
9/8/12 10:00	93600	1560	30.762	19.061	131.957	1.288		
9/8/12 10:15	94500	1575	30.765	19.06	131.95	1.281		
9/8/12 10:30	95400	1590	30.757	19.059	131.967	1.298		
9/8/12 10:45	96300	1605	30.76	19.059	131.96	1.291		
9/8/12 11:00	97200	1620	30.757	19.059	131.968	1.299		
9/8/12 11:15	98100	1635	30.759	19.062	131.963	1.294		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 11:20							131.36	Data download/ manual measurement- probe repositioned
9/8/12 11:30	99000	1650	30.764	19.059	131.952	1.283		
9/8/12 11:45	99900	1665	30.757	19.059	131.967	1.298		
9/8/12 12:00	100800	1680	30.752	19.06	131.98	1.311		
9/8/12 12:15	101700	1695	30.755	19.058	131.973	1.304		
9/8/12 12:30	102600	1710	30.754	19.056	131.974	1.305		
9/8/12 12:45	103500	1725	30.749	19.058	131.986	1.317		
9/8/12 13:00	104400	1740	30.75	19.059	131.984	1.315		
9/8/12 13:15	105300	1755	30.749	19.06	131.986	1.317		
9/8/12 13:30	106200	1770	30.746	19.058	131.993	1.324		
9/8/12 13:45	107100	1785	30.746	19.057	131.994	1.325		
9/8/12 14:00	108000	1800	30.749	19.056	131.987	1.318		
9/8/12 14:15	108900	1815	30.747	19.057	131.99	1.321		
9/8/12 14:30	109800	1830	30.749	19.057	131.986	1.317		
9/8/12 14:45	110700	1845	30.745	19.059	131.995	1.326		
9/8/12 15:00	111600	1860	30.747	19.059	131.991	1.322		
9/8/12 15:15	112500	1875	30.744	19.057	131.997	1.328		
9/8/12 15:30	113400	1890	30.74	19.058	132.007	1.338		
9/8/12 15:45	114300	1905	30.75	19.055	131.985	1.316		
9/8/12 16:00	115200	1920	30.737	19.056	132.014	1.345		
9/8/12 16:15	116100	1935	30.739	19.055	132.01	1.341		
9/8/12 16:30	117000	1950	30.74	19.057	132.008	1.339		
9/8/12 16:45	117900	1965	30.734	19.057	132.021	1.352		
9/8/12 17:00	118800	1980	30.733	19.057	132.024	1.355		
9/8/12 17:15	119700	1995	30.731	19.054	132.028	1.359		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 17:30	120600	2010	30.731	19.057	132.029	1.36		
9/8/12 17:45	121500	2025	30.722	19.059	132.049	1.38		
9/8/12 18:00	122400	2040	30.726	19.055	132.04	1.371		
9/8/12 18:15	123300	2055	30.723	19.057	132.047	1.378		
9/8/12 18:30	124200	2070	30.722	19.056	132.049	1.38		
9/8/12 18:45	125100	2085	30.722	19.057	132.048	1.379		
9/8/12 19:00	126000	2100	30.721	19.054	132.052	1.383		
9/8/12 19:15	126900	2115	30.717	19.055	132.059	1.39		
9/8/12 19:30	127800	2130	30.717	19.056	132.061	1.392		
9/8/12 19:45	128700	2145	30.713	19.054	132.069	1.4		
9/8/12 20:00	129600	2160	30.71	19.057	132.077	1.408		
9/8/12 20:15	130500	2175	30.709	19.054	132.078	1.409		
9/8/12 20:30	131400	2190	30.709	19.055	132.078	1.409		
9/8/12 20:45	132300	2205	30.711	19.056	132.075	1.406		
9/8/12 21:00	133200	2220	30.706	19.055	132.087	1.418		
9/8/12 21:15	134100	2235	30.708	19.056	132.082	1.413		
9/8/12 21:30	135000	2250	30.701	19.055	132.096	1.427		
9/8/12 21:45	135900	2265	30.7	19.055	132.099	1.43		
9/8/12 22:00	136800	2280	30.705	19.055	132.087	1.418		
9/8/12 22:15	137700	2295	30.706	19.052	132.085	1.416		
9/8/12 22:30	138600	2310	30.706	19.056	132.085	1.416		
9/8/12 22:45	139500	2325	30.703	19.055	132.092	1.423		
9/8/12 23:00	140400	2340	30.705	19.052	132.089	1.42		
9/8/12 23:15	141300	2355	30.703	19.056	132.091	1.422		
9/8/12 23:30	142200	2370	30.703	19.055	132.093	1.424		
9/8/12 23:45	143100	2385	30.7	19.052	132.099	1.43		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 0:00	144000	2400	30.705	19.054	132.088	1.419		
9/9/12 0:15	144900	2415	30.703	19.054	132.093	1.424		
9/9/12 0:30	145800	2430	30.698	19.056	132.104	1.435		
9/9/12 0:45	146700	2445	30.699	19.054	132.101	1.432		
9/9/12 1:00	147600	2460	30.702	19.053	132.094	1.425		
9/9/12 1:15	148500	2475	30.695	19.052	132.11	1.441		
9/9/12 1:30	149400	2490	30.698	19.053	132.104	1.435		
9/9/12 1:45	150300	2505	30.698	19.054	132.103	1.434		
9/9/12 2:00	151200	2520	30.694	19.054	132.114	1.445		
9/9/12 2:15	152100	2535	30.698	19.056	132.103	1.434		
9/9/12 2:30	153000	2550	30.694	19.054	132.113	1.444		
9/9/12 2:45	153900	2565	30.693	19.051	132.116	1.447		
9/9/12 3:00	154800	2580	30.692	19.055	132.119	1.45		
9/9/12 3:15	155700	2595	30.692	19.052	132.119	1.45		
9/9/12 3:30	156600	2610	30.692	19.051	132.118	1.449		
9/9/12 3:45	157500	2625	30.691	19.051	132.119	1.45		
9/9/12 4:00	158400	2640	30.69	19.054	132.123	1.454		
9/9/12 4:15	159300	2655	30.689	19.054	132.124	1.455		
9/9/12 4:30	160200	2670	30.688	19.052	132.126	1.457		
9/9/12 4:45	161100	2685	30.69	19.054	132.123	1.454		
9/9/12 5:00	162000	2700	30.685	19.052	132.134	1.465		
9/9/12 5:15	162900	2715	30.688	19.055	132.126	1.457		
9/9/12 5:30	163800	2730	30.688	19.05	132.127	1.458		
9/9/12 5:45	164700	2745	30.684	19.049	132.136	1.467		
9/9/12 6:00	165600	2760	30.684	19.054	132.137	1.468		
9/9/12 6:15	166500	2775	30.679	19.05	132.148	1.479		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 6:30	167400	2790	30.682	19.051	132.14	1.471		
9/9/12 6:45	168300	2805	30.676	19.052	132.155	1.486		
9/9/12 7:00	169200	2820	30.679	19.053	132.147	1.478		
9/9/12 7:15	170100	2835	30.679	19.053	132.148	1.479		
9/9/12 7:30	171000	2850	30.681	19.051	132.143	1.474		
9/9/12 7:45	171900	2865	30.68	19.051	132.145	1.476		
9/9/12 8:00	172800	2880	30.68	19.051	132.146	1.477		
9/9/12 8:15	173700	2895	30.679	19.052	132.148	1.479		
9/9/12 8:30	174600	2910	30.68	19.049	132.145	1.476		
9/9/12 8:45	175500	2925	30.679	19.051	132.147	1.478		
9/9/12 9:00	176400	2940	30.681	19.052	132.143	1.474		
9/9/12 9:15	177300	2955	30.674	19.052	132.159	1.49		
9/9/12 9:30	178200	2970	30.678	19.052	132.15	1.481		
9/9/12 9:45	179100	2985	30.679	19.051	132.148	1.479		
9/9/12 10:00	180000	3000	30.678	19.05	132.149	1.48		
9/9/12 10:15	180900	3015	30.676	19.048	132.155	1.486		
9/9/12 10:30	181800	3030	30.679	19.051	132.149	1.48		
9/9/12 10:45	182700	3045	30.68	19.047	132.145	1.476		
9/9/12 11:00	183600	3060	30.674	19.053	132.159	1.49		
9/9/12 11:15	184500	3075	30.683	19.052	132.138	1.469		
9/9/12 11:30	185400	3090	30.678	19.051	132.151	1.482		
9/9/12 11:45	186300	3105	30.682	19.053	132.141	1.472		
9/9/12 12:00	187200	3120	30.684	19.052	132.137	1.468		
9/9/12 12:15	188100	3135	30.679	19.051	132.148	1.479		
9/9/12 12:30	189000	3150	30.683	19.049	132.139	1.47		
9/9/12 12:45	189900	3165	30.68	19.053	132.145	1.476		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 13:00	190800	3180	30.686	19.05	132.132	1.463		
9/9/12 13:15	191700	3195	30.685	19.048	132.133	1.464		
9/9/12 13:30	192600	3210	30.684	19.051	132.136	1.467		
9/9/12 13:45	193500	3225	30.68	19.052	132.145	1.476		
9/9/12 14:00	194400	3240	30.682	19.05	132.141	1.472		
9/9/12 14:15	195300	3255	30.682	19.048	132.14	1.471		
9/9/12 14:30	196200	3270	30.681	19.049	132.144	1.475		
9/9/12 14:45	197100	3285	30.682	19.051	132.141	1.472		
9/9/12 15:00	198000	3300	30.672	19.051	132.165	1.496		
9/9/12 15:15	198900	3315	30.676	19.05	132.156	1.487		
9/9/12 15:30	199800	3330	30.676	19.052	132.154	1.485		
9/9/12 15:45	200700	3345	30.676	19.052	132.155	1.486		
9/9/12 16:00	201600	3360	30.677	19.051	132.153	1.484		
9/9/12 16:15	202500	3375	30.675	19.054	132.157	1.488		
9/9/12 16:30	203400	3390	30.676	19.052	132.155	1.486		
9/9/12 16:45	204300	3405	30.678	19.055	132.15	1.481		
9/9/12 17:00	205200	3420	30.672	19.05	132.164	1.495		
9/9/12 17:15	206100	3435	30.674	19.051	132.159	1.49		
9/9/12 17:30	207000	3450	30.674	19.049	132.16	1.491		
9/9/12 17:45	207900	3465	30.671	19.05	132.166	1.497		
9/9/12 18:00	208800	3480	30.673	19.048	132.162	1.493		
9/9/12 18:15	209700	3495	30.667	19.052	132.175	1.506		
9/9/12 18:30	210600	3510	30.674	19.05	132.16	1.491		
9/9/12 18:45	211500	3525	30.671	19.051	132.166	1.497		
9/9/12 19:00	212400	3540	30.665	19.05	132.181	1.512		
9/9/12 19:15	213300	3555	30.666	19.049	132.178	1.509		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 19:30	214200	3570	30.665	19.051	132.181	1.512		
9/9/12 19:45	215100	3585	30.659	19.05	132.195	1.526		
9/9/12 20:00	216000	3600	30.662	19.049	132.187	1.518		
9/9/12 20:15	216900	3615	30.663	19.049	132.184	1.515		
9/9/12 20:30	217800	3630	30.661	19.051	132.189	1.52		
9/9/12 20:45	218700	3645	30.658	19.048	132.197	1.528		
9/9/12 21:00	219600	3660	30.656	19.051	132.201	1.532		
9/9/12 21:15	220500	3675	30.658	19.047	132.197	1.528		
9/9/12 21:30	221400	3690	30.66	19.051	132.191	1.522		
9/9/12 21:45	222300	3705	30.658	19.047	132.196	1.527		
9/9/12 22:00	223200	3720	30.663	19.05	132.185	1.516		
9/9/12 22:15	224100	3735	30.661	19.05	132.189	1.52		
9/9/12 22:30	225000	3750	30.66	19.049	132.192	1.523		
9/9/12 22:45	225900	3765	30.659	19.049	132.195	1.526		
9/9/12 23:00	226800	3780	30.662	19.048	132.188	1.519		
9/9/12 23:15	227700	3795	30.659	19.051	132.194	1.525		
9/9/12 23:30	228600	3810	30.662	19.049	132.188	1.519		
9/9/12 23:45	229500	3825	30.659	19.05	132.194	1.525		
9/10/12 0:00	230400	3840	30.658	19.049	132.196	1.527		
9/10/12 0:15	231300	3855	30.658	19.048	132.196	1.527		
9/10/12 0:30	232200	3870	30.66	19.048	132.191	1.522		
9/10/12 0:45	233100	3885	30.657	19.051	132.198	1.529		
9/10/12 1:00	234000	3900	30.658	19.05	132.197	1.528		
9/10/12 1:15	234900	3915	30.659	19.05	132.194	1.525		
9/10/12 1:30	235800	3930	30.656	19.047	132.202	1.533		
9/10/12 1:45	236700	3945	30.654	19.049	132.205	1.536		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 2:00	237600	3960	30.652	19.048	132.21	1.541		
9/10/12 2:15	238500	3975	30.661	19.048	132.19	1.521		
9/10/12 2:30	239400	3990	30.66	19.05	132.191	1.522		
9/10/12 2:45	240300	4005	30.665	19.048	132.18	1.511		
9/10/12 3:00	241200	4020	30.659	19.049	132.195	1.526		
9/10/12 3:15	242100	4035	30.655	19.049	132.204	1.535		
9/10/12 3:30	243000	4050	30.657	19.048	132.199	1.53		
9/10/12 3:45	243900	4065	30.654	19.051	132.205	1.536		
9/10/12 4:00	244800	4080	30.657	19.048	132.198	1.529		
9/10/12 4:15	245700	4095	30.659	19.048	132.194	1.525		
9/10/12 4:30	246600	4110	30.658	19.052	132.196	1.527		
9/10/12 4:45	247500	4125	30.657	19.05	132.198	1.529		
9/10/12 5:00	248400	4140	30.659	19.049	132.195	1.526		
9/10/12 5:15	249300	4155	30.66	19.048	132.191	1.522		
9/10/12 5:30	250200	4170	30.653	19.049	132.207	1.538		
9/10/12 5:45	251100	4185	30.652	19.048	132.21	1.541		
9/10/12 6:00	252000	4200	30.646	19.047	132.224	1.555		
9/10/12 6:15	252900	4215	30.65	19.047	132.214	1.545		
9/10/12 6:30	253800	4230	30.649	19.048	132.218	1.549		
9/10/12 6:45	254700	4245	30.652	19.049	132.211	1.542		
9/10/12 7:00	255600	4260	30.648	19.05	132.219	1.55		
9/10/12 7:15	256500	4275	30.645	19.049	132.226	1.557		
9/10/12 7:30	257400	4290	30.648	19.049	132.22	1.551		
9/10/12 7:45	258300	4305	30.644	19.047	132.228	1.559		
9/10/12 8:00	259200	4320	30.647	19.049	132.221	1.552		
9/10/12 8:15	260100	4335	30.65	19.049	132.215	1.546		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 8:30	261000	4350	30.654	19.05	132.207	1.538		
9/10/12 8:45	261900	4365	30.653	19.047	132.208	1.539		
9/10/12 9:00	262800	4380	30.65	19.05	132.214	1.545		
9/10/12 9:15	263700	4395	30.653	19.049	132.207	1.538		
9/10/12 9:30	264600	4410	30.65	19.047	132.216	1.547		
9/10/12 9:45	265500	4425	30.65	19.048	132.215	1.546		
9/10/12 10:00	266400	4440	30.652	19.046	132.211	1.542		
9/10/12 10:15	267300	4455	30.648	19.047	132.219	1.55		
9/10/12 10:30	268200	4470	30.651	19.046	132.213	1.544		
9/10/12 10:45	269100	4485	30.651	19.048	132.212	1.543		
9/10/12 11:00	270000	4500	30.647	19.046	132.221	1.552		
9/10/12 11:15	270900	4515	30.646	19.049	132.224	1.555		
9/10/12 11:30	271800	4530	30.651	19.048	132.212	1.543		
9/10/12 11:45	272700	4545	30.652	19.047	132.21	1.541		
9/10/12 12:00	273600	4560	30.658	19.047	132.197	1.528		
9/10/12 12:15	274500	4575	30.653	19.049	132.209	1.54		
9/10/12 12:30	275400	4590	30.661	19.047	132.19	1.521		
9/10/12 12:45	276300	4605	30.656	19.048	132.201	1.532		
9/10/12 13:00	277200	4620	30.655	19.045	132.202	1.533		
9/10/12 13:15	278100	4635	30.658	19.047	132.196	1.527		
9/10/12 13:30	279000	4650	30.653	19.05	132.208	1.539		
9/10/12 13:45	279900	4665	30.656	19.045	132.2	1.531		
9/10/12 14:00	280800	4680	30.653	19.049	132.208	1.539		
9/10/12 14:10							131.60	
9/10/12 14:15	281700	4695	30.659	19.05	132.193	1.524		
9/10/12 14:30	282600	4710	30.655	19.046	132.203	1.534		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 14:45	283500	4725	30.657	19.045	132.198	1.529		
9/10/12 15:00	284400	4740	30.656	19.049	132.201	1.532		
9/10/12 15:15	285300	4755	30.653	19.048	132.208	1.539		
9/10/12 15:30	286200	4770	30.651	19.048	132.212	1.543		
9/10/12 15:45	287100	4785	30.654	19.047	132.207	1.538		
9/10/12 16:00	288000	4800	30.79	19.048	131.891	1.222		Data download/ manual measurement- probe repositioned
9/10/12 16:15	288900	4815	30.724	19.046	132.043	1.374		
9/10/12 16:30	289800	4830	30.701	19.048	132.097	1.428		
9/10/12 16:45	290700	4845	30.692	19.049	132.118	1.449		
9/10/12 17:00	291600	4860	30.68	19.046	132.146	1.477		
9/10/12 17:15	292500	4875	30.676	19.048	132.156	1.487		
9/10/12 17:30	293400	4890	30.665	19.05	132.18	1.511		
9/10/12 17:45	294300	4905	30.666	19.046	132.177	1.508		
9/10/12 18:00	295200	4920	30.66	19.046	132.192	1.523		
9/10/12 18:15	296100	4935	30.654	19.049	132.206	1.537		
9/10/12 18:30	297000	4950	30.652	19.05	132.211	1.542		
9/10/12 18:45	297900	4965	30.651	19.046	132.213	1.544		
9/10/12 19:00	298800	4980	30.65	19.048	132.216	1.547		
9/10/12 19:15	299700	4995	30.649	19.048	132.218	1.549		
9/10/12 19:30	300600	5010	30.648	19.051	132.22	1.551		
9/10/12 19:45	301500	5025	30.642	19.047	132.233	1.564		
9/10/12 20:00	302400	5040	30.637	19.048	132.244	1.575		
9/10/12 20:15	303300	5055	30.642	19.047	132.234	1.565		
9/10/12 20:30	304200	5070	30.639	19.046	132.24	1.571		
9/10/12 20:45	305100	5085	30.637	19.047	132.244	1.575		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 21:00	306000	5100	30.64	19.045	132.239	1.57		
9/10/12 21:15	306900	5115	30.641	19.048	132.235	1.566		
9/10/12 21:30	307800	5130	30.637	19.046	132.246	1.577		
9/10/12 21:45	308700	5145	30.641	19.048	132.237	1.568		
9/10/12 22:00	309600	5160	30.638	19.048	132.243	1.574		
9/10/12 22:15	310500	5175	30.633	19.048	132.254	1.585		
9/10/12 22:30	311400	5190	30.633	19.048	132.255	1.586		
9/10/12 22:45	312300	5205	30.633	19.045	132.253	1.584		
9/10/12 23:00	313200	5220	30.631	19.048	132.258	1.589		
9/10/12 23:15	314100	5235	30.638	19.047	132.242	1.573		
9/10/12 23:30	315000	5250	30.638	19.049	132.244	1.575		
9/10/12 23:45	315900	5265	30.636	19.047	132.246	1.577		
9/11/12 0:00	316800	5280	30.638	19.05	132.243	1.574		
9/11/12 0:15	317700	5295	30.639	19.047	132.241	1.572		
9/11/12 0:30	318600	5310	30.637	19.049	132.246	1.577		
9/11/12 0:45	319500	5325	30.636	19.045	132.248	1.579		
9/11/12 1:00	320400	5340	30.633	19.049	132.254	1.585		
9/11/12 1:15	321300	5355	30.635	19.048	132.251	1.582		
9/11/12 1:30	322200	5370	30.632	19.045	132.256	1.587		
9/11/12 1:45	323100	5385	30.634	19.047	132.253	1.584		
9/11/12 2:00	324000	5400	30.637	19.047	132.244	1.575		
9/11/12 2:15	324900	5415	30.637	19.046	132.245	1.576		
9/11/12 2:30	325800	5430	30.634	19.047	132.252	1.583		
9/11/12 2:45	326700	5445	30.636	19.046	132.248	1.579		
9/11/12 3:00	327600	5460	30.637	19.046	132.246	1.577		
9/11/12 3:15	328500	5475	30.64	19.048	132.239	1.57		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 3:30	329400	5490	30.635	19.046	132.251	1.582		
9/11/12 3:45	330300	5505	30.637	19.048	132.244	1.575		
9/11/12 4:00	331200	5520	30.638	19.046	132.243	1.574		
9/11/12 4:15	332100	5535	30.636	19.048	132.247	1.578		
9/11/12 4:30	333000	5550	30.634	19.048	132.252	1.583		
9/11/12 4:45	333900	5565	30.633	19.047	132.254	1.585		
9/11/12 5:00	334800	5580	30.632	19.048	132.256	1.587		
9/11/12 5:15	335700	5595	30.631	19.045	132.259	1.59		
9/11/12 5:30	336600	5610	30.631	19.047	132.258	1.589		
9/11/12 5:45	337500	5625	30.632	19.046	132.256	1.587		
9/11/12 6:00	338400	5640	30.633	19.045	132.253	1.584		
9/11/12 6:15	339300	5655	30.631	19.045	132.259	1.59		
9/11/12 6:30	340200	5670	30.631	19.045	132.259	1.59		
9/11/12 6:45	341100	5685	30.628	19.045	132.266	1.597		
9/11/12 7:00	342000	5700	30.624	19.046	132.275	1.606		
9/11/12 7:15	342900	5715	30.623	19.046	132.277	1.608		
9/11/12 7:30	343800	5730	30.622	19.043	132.279	1.61		
9/11/12 7:45	344700	5745	30.629	19.048	132.264	1.595		
9/11/12 8:00	345600	5760	30.621	19.045	132.281	1.612		
9/11/12 8:15	346500	5775	30.623	19.045	132.276	1.607		
9/11/12 8:30	347400	5790	30.625	19.046	132.272	1.603		
9/11/12 8:45	348300	5805	30.625	19.045	132.272	1.603		
9/11/12 9:00	349200	5820	30.623	19.046	132.278	1.609		
9/11/12 9:15	350100	5835	30.625	19.046	132.272	1.603		
9/11/12 9:30	351000	5850	30.627	19.049	132.267	1.598		
9/11/12 9:45	351900	5865	30.624	19.045	132.275	1.606		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 10:00	352800	5880	30.626	19.044	132.27	1.601		
9/11/12 10:15	353700	5895	30.626	19.044	132.269	1.6		
9/11/12 10:30	354600	5910	30.622	19.046	132.279	1.61		
9/11/12 10:45	355500	5925	30.624	19.047	132.275	1.606		
9/11/12 11:00	356400	5940	30.624	19.045	132.275	1.606		
9/11/12 11:15	357300	5955	30.628	19.045	132.267	1.598		
9/11/12 11:30	358200	5970	30.628	19.048	132.267	1.598		
9/11/12 11:45	359100	5985	30.628	19.045	132.265	1.596		
9/11/12 12:00	360000	6000	30.628	19.047	132.267	1.598		
9/11/12 12:15	360900	6015	30.627	19.047	132.269	1.6		
9/11/12 12:30	361800	6030	30.631	19.043	132.258	1.589		
9/11/12 12:45	362700	6045	30.633	19.045	132.254	1.585		
9/11/12 13:00	363600	6060	30.634	19.044	132.251	1.582		
9/11/12 13:15	364500	6075	30.631	19.047	132.258	1.589		
9/11/12 13:30	365400	6090	30.633	19.045	132.255	1.586		
9/11/12 13:45	366300	6105	30.637	19.044	132.245	1.576		
9/11/12 14:00	367200	6120	30.632	19.045	132.256	1.587		
9/11/12 14:00							130.70	
9/11/12 14:15	368100	6135	30.632	19.042	132.257	1.588		
9/11/12 14:30	369000	6150	30.627	19.046	132.268	1.599		
9/11/12 14:45	369900	6165	30.633	19.046	132.254	1.585		
9/11/12 15:00	370800	6180	30.628	19.045	132.266	1.597		
9/11/12 15:15	371700	6195	30.629	19.046	132.264	1.595		
9/11/12 15:30	372600	6210	30.626	19.046	132.27	1.601		
9/11/12 15:45	373500	6225	30.622	19.044	132.281	1.612		
9/11/12 16:00	374400	6240	30.624	19.048	132.274	1.605		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 16:15	375300	6255	30.622	19.045	132.28	1.611		
9/11/12 16:30	376200	6270	30.622	19.046	132.281	1.612		
9/11/12 16:45	377100	6285	30.621	19.046	132.282	1.613		
9/11/12 17:00	378000	6300	30.618	19.047	132.289	1.62		
9/11/12 17:15	378900	6315	30.625	19.048	132.272	1.603		
9/11/12 17:30	379800	6330	30.62	19.047	132.285	1.616		
9/11/12 17:45	380700	6345	30.623	19.046	132.278	1.609		
9/11/12 18:00	381600	6360	30.618	19.048	132.288	1.619		
9/11/12 18:15	382500	6375	30.621	19.046	132.282	1.613		
9/11/12 18:30	383400	6390	30.622	19.045	132.28	1.611		
9/11/12 18:45	384300	6405	30.62	19.046	132.285	1.616		
9/11/12 19:00	385200	6420	30.619	19.045	132.287	1.618		
9/11/12 19:15	386100	6435	30.616	19.046	132.292	1.623		
9/11/12 19:30	387000	6450	30.621	19.045	132.282	1.613		
9/11/12 19:45	387900	6465	30.614	19.049	132.299	1.63		
9/11/12 20:00	388800	6480	30.614	19.045	132.297	1.628		
9/11/12 20:15	389700	6495	30.613	19.046	132.299	1.63		
9/11/12 20:30	390600	6510	30.617	19.047	132.29	1.621		
9/11/12 20:45	391500	6525	30.612	19.044	132.304	1.635		
9/11/12 21:00	392400	6540	30.615	19.045	132.295	1.626		
9/11/12 21:15	393300	6555	30.611	19.048	132.304	1.635		
9/11/12 21:30	394200	6570	30.61	19.044	132.306	1.637		
9/11/12 21:45	395100	6585	30.613	19.047	132.299	1.63		
9/11/12 22:00	396000	6600	30.612	19.045	132.302	1.633		
9/11/12 22:15	396900	6615	30.611	19.047	132.306	1.637		
9/11/12 22:30	397800	6630	30.61	19.044	132.307	1.638		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 22:45	398700	6645	30.613	19.045	132.3	1.631		
9/11/12 23:00	399600	6660	30.613	19.043	132.301	1.632		
9/11/12 23:15	400500	6675	30.611	19.047	132.305	1.636		
9/11/12 23:30	401400	6690	30.614	19.044	132.299	1.63		
9/11/12 23:45	402300	6705	30.612	19.044	132.302	1.633		
9/12/12 0:00	403200	6720	30.61	19.047	132.307	1.638		
9/12/12 0:15	404100	6735	30.617	19.046	132.291	1.622		
9/12/12 0:30	405000	6750	30.611	19.046	132.305	1.636		
9/12/12 0:45	405900	6765	30.615	19.047	132.295	1.626		
9/12/12 1:00	406800	6780	30.615	19.045	132.297	1.628		
9/12/12 1:15	407700	6795	30.614	19.046	132.298	1.629		
9/12/12 1:30	408600	6810	30.616	19.047	132.293	1.624		
9/12/12 1:45	409500	6825	30.614	19.044	132.297	1.628		
9/12/12 2:00	410400	6840	30.615	19.046	132.296	1.627		
9/12/12 2:15	411300	6855	30.611	19.044	132.304	1.635		
9/12/12 2:30	412200	6870	30.615	19.045	132.296	1.627		
9/12/12 2:45	413100	6885	30.611	19.044	132.306	1.637		
9/12/12 3:00	414000	6900	30.608	19.044	132.312	1.643		
9/12/12 3:15	414900	6915	30.615	19.048	132.297	1.628		
9/12/12 3:30	415800	6930	30.608	19.047	132.312	1.643		
9/12/12 3:45	416700	6945	30.611	19.046	132.305	1.636		
9/12/12 4:00	417600	6960	30.615	19.043	132.297	1.628		
9/12/12 4:15	418500	6975	30.615	19.044	132.296	1.627		
9/12/12 4:30	419400	6990	30.607	19.047	132.314	1.645		
9/12/12 4:45	420300	7005	30.609	19.047	132.308	1.639		
9/12/12 5:00	421200	7020	30.605	19.045	132.319	1.65		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 5:15	422100	7035	30.605	19.044	132.318	1.649		
9/12/12 5:30	423000	7050	30.605	19.046	132.319	1.65		
9/12/12 5:45	423900	7065	30.603	19.045	132.323	1.654		
9/12/12 6:00	424800	7080	30.607	19.045	132.314	1.645		
9/12/12 6:15	425700	7095	30.61	19.045	132.307	1.638		
9/12/12 6:30	426600	7110	30.602	19.045	132.325	1.656		
9/12/12 6:45	427500	7125	30.597	19.046	132.337	1.668		
9/12/12 7:00	428400	7140	30.603	19.044	132.324	1.655		
9/12/12 7:15	429300	7155	30.599	19.047	132.334	1.665		
9/12/12 7:30	430200	7170	30.603	19.046	132.323	1.654		
9/12/12 7:45	431100	7185	30.604	19.047	132.321	1.652		
9/12/12 8:00	432000	7200	30.604	19.044	132.321	1.652		
9/12/12 8:15	432900	7215	30.602	19.045	132.326	1.657		
9/12/12 8:30	433800	7230	30.607	19.046	132.315	1.646		
9/12/12 8:45	434700	7245	30.605	19.045	132.318	1.649		
9/12/12 9:00	435600	7260	30.606	19.048	132.316	1.647		
9/12/12 9:15	436500	7275	30.603	19.045	132.322	1.653		
9/12/12 9:30	437400	7290	30.602	19.048	132.325	1.656		
9/12/12 9:45	438300	7305	30.603	19.046	132.324	1.655		
9/12/12 10:00	439200	7320	30.599	19.047	132.332	1.663		
9/12/12 10:15	440100	7335	30.607	19.047	132.314	1.645		
9/12/12 10:30	441000	7350	30.604	19.043	132.322	1.653		
9/12/12 10:45	441900	7365	30.599	19.043	132.333	1.664		
9/12/12 11:00	442800	7380	30.603	19.045	132.324	1.655		
9/12/12 11:15	443700	7395	30.605	19.045	132.318	1.649		
9/12/12 11:30	444600	7410	30.606	19.045	132.315	1.646		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 11:45	445500	7425	30.601	19.043	132.329	1.66		
9/12/12 12:00	446400	7440	30.603	19.041	132.324	1.655		
9/12/12 12:15	447300	7455	30.605	19.045	132.319	1.65		
9/12/12 12:30	448200	7470	30.605	19.043	132.32	1.651		
9/12/12 12:45	449100	7485	30.61	19.045	132.306	1.637		
9/12/12 13:00	450000	7500	30.613	19.046	132.301	1.632		
9/12/12 13:15	450900	7515	30.608	19.047	132.312	1.643		
9/12/12 13:30	451800	7530	30.614	19.042	132.297	1.628		
9/12/12 13:45	452700	7545	30.615	19.045	132.296	1.627		
9/12/12 14:00	453600	7560	30.611	19.046	132.306	1.637		
9/12/12 14:15	454500	7575	30.609	19.042	132.308	1.639		
9/12/12 14:30	455400	7590	30.612	19.043	132.302	1.633		
9/12/12 14:45	456300	7605	30.611	19.045	132.305	1.636		
9/12/12 15:00	457200	7620	30.611	19.046	132.304	1.635		
9/12/12 15:15	458100	7635	30.615	19.041	132.297	1.628		
9/12/12 15:30	459000	7650	30.611	19.043	132.305	1.636		
9/12/12 15:45	459900	7665	30.608	19.044	132.311	1.642		
9/12/12 16:00	460800	7680	30.611	19.043	132.304	1.635		
9/12/12 16:15	461700	7695	30.61	19.044	132.306	1.637		
9/12/12 16:30	462600	7710	30.611	19.045	132.306	1.637		
9/12/12 16:45	463500	7725	30.612	19.046	132.304	1.635		
9/12/12 17:00	464400	7740	30.609	19.046	132.308	1.639		
9/12/12 17:15	465300	7755	30.61	19.044	132.308	1.639		
9/12/12 17:30	466200	7770	30.611	19.045	132.304	1.635		
9/12/12 17:45	467100	7785	30.609	19.045	132.309	1.64		
9/12/12 18:00	468000	7800	30.606	19.047	132.315	1.646		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 18:15	468900	7815	30.603	19.043	132.324	1.655		
9/12/12 18:30	469800	7830	30.6	19.046	132.33	1.661		
9/12/12 18:45	470700	7845	30.603	19.044	132.323	1.654		
9/12/12 19:00	471600	7860	30.602	19.047	132.325	1.656		
9/12/12 19:15	472500	7875	30.6	19.043	132.331	1.662		
9/12/12 19:30	473400	7890	30.599	19.045	132.332	1.663		
9/12/12 19:45	474300	7905	30.595	19.047	132.341	1.672		
9/12/12 20:00	475200	7920	30.597	19.045	132.337	1.668		
9/12/12 20:15	476100	7935	30.595	19.046	132.342	1.673		
9/12/12 20:30	477000	7950	30.588	19.045	132.357	1.688		
9/12/12 20:45	477900	7965	30.594	19.044	132.345	1.676		
9/12/12 21:00	478800	7980	30.594	19.046	132.344	1.675		
9/12/12 21:15	479700	7995	30.595	19.043	132.341	1.672		
9/12/12 21:30	480600	8010	30.596	19.044	132.339	1.67		
9/12/12 21:45	481500	8025	30.595	19.044	132.341	1.672		
9/12/12 22:00	482400	8040	30.595	19.045	132.343	1.674		
9/12/12 22:15	483300	8055	30.595	19.045	132.341	1.672		
9/12/12 22:30	484200	8070	30.594	19.047	132.343	1.674		
9/12/12 22:45	485100	8085	30.592	19.043	132.349	1.68		
9/12/12 23:00	486000	8100	30.595	19.047	132.343	1.674		
9/12/12 23:15	486900	8115	30.594	19.047	132.343	1.674		
9/12/12 23:30	487800	8130	30.595	19.043	132.341	1.672		
9/12/12 23:45	488700	8145	30.595	19.044	132.342	1.673		
9/13/12 0:00	489600	8160	30.599	19.046	132.334	1.665		
9/13/12 0:15	490500	8175	30.594	19.044	132.344	1.675		
9/13/12 0:30	491400	8190	30.596	19.047	132.339	1.67		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 0:45	492300	8205	30.597	19.045	132.336	1.667		
9/13/12 1:00	493200	8220	30.591	19.043	132.35	1.681		
9/13/12 1:15	494100	8235	30.59	19.044	132.352	1.683		
9/13/12 1:30	495000	8250	30.596	19.044	132.34	1.671		
9/13/12 1:45	495900	8265	30.599	19.045	132.333	1.664		
9/13/12 2:00	496800	8280	30.597	19.044	132.337	1.668		
9/13/12 2:15	497700	8295	30.598	19.044	132.334	1.665		
9/13/12 2:30	498600	8310	30.595	19.047	132.342	1.673		
9/13/12 2:45	499500	8325	30.594	19.046	132.343	1.674		
9/13/12 3:00	500400	8340	30.589	19.045	132.355	1.686		
9/13/12 3:15	501300	8355	30.598	19.046	132.336	1.667		
9/13/12 3:30	502200	8370	30.595	19.045	132.342	1.673		
9/13/12 3:45	503100	8385	30.594	19.045	132.345	1.676		
9/13/12 4:00	504000	8400	30.598	19.045	132.335	1.666		
9/13/12 4:15	504900	8415	30.597	19.046	132.337	1.668		
9/13/12 4:30	505800	8430	30.592	19.043	132.349	1.68		
9/13/12 4:45	506700	8445	30.59	19.042	132.353	1.684		
9/13/12 5:00	507600	8460	30.592	19.045	132.348	1.679		
9/13/12 5:15	508500	8475	30.595	19.044	132.343	1.674		
9/13/12 5:30	509400	8490	30.597	19.043	132.338	1.669		
9/13/12 5:45	510300	8505	30.59	19.045	132.354	1.685		
9/13/12 6:00	511200	8520	30.589	19.047	132.356	1.687		
9/13/12 6:15	512100	8535	30.592	19.045	132.349	1.68		
9/13/12 6:30	513000	8550	30.59	19.048	132.354	1.685		
9/13/12 6:45	513900	8565	30.59	19.044	132.352	1.683		
9/13/12 7:00	514800	8580	30.583	19.043	132.369	1.7		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 7:15	515700	8595	30.588	19.042	132.358	1.689		
9/13/12 7:30	516600	8610	30.585	19.042	132.364	1.695		
9/13/12 7:45	517500	8625	30.586	19.043	132.362	1.693		
9/13/12 8:00	518400	8640	30.587	19.043	132.361	1.692		
9/13/12 8:15	519300	8655	30.587	19.044	132.361	1.692		
9/13/12 8:30	520200	8670	30.587	19.046	132.36	1.691		
9/13/12 8:45	521100	8685	30.587	19.044	132.359	1.69		
9/13/12 9:00	522000	8700	30.582	19.043	132.372	1.703		
9/13/12 9:15	522900	8715	30.581	19.045	132.374	1.705		
9/13/12 9:30	523800	8730	30.586	19.043	132.363	1.694		
9/13/12 9:45	524700	8745	30.583	19.044	132.369	1.7		
9/13/12 10:00	525600	8760	30.586	19.046	132.363	1.694		
9/13/12 10:15	526500	8775	30.582	19.045	132.373	1.704		
9/13/12 10:30	527400	8790	30.582	19.046	132.372	1.703		
9/13/12 10:45	528300	8805	30.586	19.04	132.362	1.693		
9/13/12 11:00	529200	8820	30.587	19.045	132.36	1.691		
9/13/12 11:15	530100	8835	30.581	19.047	132.375	1.706		
9/13/12 11:30	531000	8850	30.586	19.046	132.363	1.694		
9/13/12 11:45	531900	8865	30.593	19.045	132.346	1.677		
9/13/12 12:00	532800	8880	30.594	19.043	132.344	1.675		
9/13/12 12:15	533700	8895	30.594	19.042	132.345	1.676		
9/13/12 12:30	534600	8910	30.594	19.042	132.345	1.676		
9/13/12 12:45	535500	8925	30.599	19.044	132.334	1.665		
9/13/12 13:00	536400	8940	30.591	19.045	132.351	1.682		
9/13/12 13:15	537300	8955	30.773	19.045	131.932	1.263		Data download/ manual measurement- probe repositioned

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 13:30	538200	8970	30.693	19.05	132.115	1.446		
9/13/12 13:45	539100	8985	30.663	19.046	132.185	1.516		
9/13/12 14:00	540000	9000	30.65	19.045	132.215	1.546		
9/13/12 14:15	540900	9015	30.621	19.046	132.282	1.613		
9/13/12 14:30	541800	9030	30.626	19.044	132.27	1.601		
9/13/12 14:45	542700	9045	30.615	19.046	132.296	1.627		
9/13/12 15:00	543600	9060	30.613	19.045	132.301	1.632		
9/13/12 15:15	544500	9075	30.603	19.042	132.324	1.655		
9/13/12 15:30	545400	9090	30.603	19.046	132.324	1.655		
9/13/12 15:45	546300	9105	30.599	19.043	132.333	1.664		
9/13/12 16:00	547200	9120	30.593	19.044	132.345	1.676		
9/13/12 16:15	548100	9135	30.814	19.042	131.837	1.168		
9/13/12 16:30	549000	9150	30.723	19.045	132.047	1.378		
9/13/12 16:45	549900	9165	30.679	19.044	132.149	1.48		
9/13/12 17:00	550800	9180	30.656	19.047	132.201	1.532		
9/13/12 17:15	551700	9195	30.645	19.047	132.227	1.558		
9/13/12 17:30	552600	9210	30.639	19.048	132.24	1.571		
9/13/12 17:45	553500	9225	30.632	19.049	132.257	1.588		
9/13/12 18:00	554400	9240	30.623	19.045	132.278	1.609		
9/13/12 18:15	555300	9255	30.612	19.045	132.302	1.633		
9/13/12 18:30	556200	9270	30.621	19.045	132.282	1.613		
9/13/12 18:45	557100	9285	30.615	19.045	132.295	1.626		
9/13/12 19:00	558000	9300	30.611	19.045	132.304	1.635		
9/13/12 19:15	558900	9315	30.612	19.045	132.303	1.634		
9/13/12 19:30	559800	9330	30.606	19.048	132.317	1.648		
9/13/12 19:45	560700	9345	30.604	19.045	132.321	1.652		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 20:00	561600	9360	30.599	19.045	132.333	1.664		
9/13/12 20:15	562500	9375	30.593	19.047	132.346	1.677		
9/13/12 20:30	563400	9390	30.595	19.044	132.342	1.673		
9/13/12 20:45	564300	9405	30.594	19.044	132.344	1.675		
9/13/12 21:00	565200	9420	30.597	19.044	132.336	1.667		
9/13/12 21:15	566100	9435	30.595	19.044	132.342	1.673		
9/13/12 21:30	567000	9450	30.589	19.046	132.356	1.687		
9/13/12 21:45	567900	9465	30.585	19.046	132.366	1.697		
9/13/12 22:00	568800	9480	30.593	19.044	132.346	1.677		
9/13/12 22:15	569700	9495	30.59	19.044	132.354	1.685		
9/13/12 22:30	570600	9510	30.59	19.046	132.354	1.685		
9/13/12 22:45	571500	9525	30.588	19.043	132.357	1.688		
9/13/12 23:00	572400	9540	30.591	19.046	132.352	1.683		
9/13/12 23:15	573300	9555	30.59	19.045	132.353	1.684		
9/13/12 23:30	574200	9570	30.586	19.045	132.362	1.693		
9/13/12 23:45	575100	9585	30.584	19.045	132.368	1.699		
9/14/12 0:00	576000	9600	30.587	19.044	132.359	1.69		
9/14/12 0:15	576900	9615	30.587	19.046	132.361	1.692		
9/14/12 0:30	577800	9630	30.59	19.042	132.354	1.685		
9/14/12 0:45	578700	9645	30.585	19.044	132.365	1.696		
9/14/12 1:00	579600	9660	30.586	19.044	132.363	1.694		
9/14/12 1:15	580500	9675	30.584	19.042	132.367	1.698		
9/14/12 1:30	581400	9690	30.583	19.042	132.369	1.7		
9/14/12 1:45	582300	9705	30.589	19.044	132.355	1.686		
9/14/12 2:00	583200	9720	30.585	19.041	132.364	1.695		
9/14/12 2:15	584100	9735	30.586	19.048	132.362	1.693		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 2:30	585000	9750	30.584	19.045	132.368	1.699		
9/14/12 2:45	585900	9765	30.583	19.045	132.371	1.702		
9/14/12 3:00	586800	9780	30.586	19.044	132.363	1.694		
9/14/12 3:15	587700	9795	30.585	19.044	132.364	1.695		
9/14/12 3:30	588600	9810	30.586	19.042	132.363	1.694		
9/14/12 3:45	589500	9825	30.585	19.044	132.365	1.696		
9/14/12 4:00	590400	9840	30.585	19.046	132.365	1.696		
9/14/12 4:15	591300	9855	30.58	19.044	132.378	1.709		
9/14/12 4:30	592200	9870	30.581	19.045	132.375	1.706		
9/14/12 4:45	593100	9885	30.58	19.042	132.376	1.707		
9/14/12 5:00	594000	9900	30.583	19.042	132.369	1.7		
9/14/12 5:15	594900	9915	30.58	19.045	132.376	1.707		
9/14/12 5:30	595800	9930	30.584	19.043	132.366	1.697		
9/14/12 5:45	596700	9945	30.579	19.043	132.38	1.711		
9/14/12 6:00	597600	9960	30.58	19.045	132.378	1.709		
9/14/12 6:15	598500	9975	30.578	19.044	132.382	1.713		
9/14/12 6:30	599400	9990	30.576	19.044	132.386	1.717		
9/14/12 6:45	600300	10005	30.578	19.044	132.381	1.712		
9/14/12 7:00	601200	10020	30.579	19.042	132.38	1.711		
9/14/12 7:15	602100	10035	30.577	19.043	132.382	1.713		
9/14/12 7:30	603000	10050	30.577	19.046	132.383	1.714		
9/14/12 7:45	603900	10065	30.579	19.046	132.38	1.711		
9/14/12 8:00	604800	10080	30.579	19.046	132.38	1.711		
9/14/12 8:15	605700	10095	30.581	19.044	132.373	1.704		
9/14/12 8:30	606600	10110	30.581	19.044	132.374	1.705		
9/14/12 8:45	607500	10125	30.577	19.043	132.382	1.713		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 9:00	608400	10140	30.582	19.046	132.373	1.704		
9/14/12 9:15	609300	10155	30.938	19.046	131.551	0.882		Data download/ manual measurement- probe repositioned
9/14/12 9:30	610200	10170	30.724	19.045	132.045	1.376		
9/14/12 9:45	611100	10185	30.674	19.043	132.16	1.491		
9/14/12 10:00	612000	10200	30.652	19.044	132.211	1.542		
9/14/12 10:15	612900	10215	30.633	19.042	132.253	1.584		
9/14/12 10:30	613800	10230	30.616	19.046	132.292	1.623		
9/14/12 10:45	614700	10245	30.617	19.043	132.292	1.623		
9/14/12 11:00	615600	10260	30.61	19.044	132.308	1.639		
9/14/12 11:15	616500	10275	30.601	19.044	132.329	1.66		
9/14/12 11:30	617400	10290	30.602	19.043	132.325	1.656		
9/14/12 11:45	618300	10305	30.6	19.042	132.331	1.662		
9/14/12 12:00	619200	10320	30.598	19.046	132.335	1.666		
9/14/12 12:15	620100	10335	30.597	19.043	132.338	1.669		
9/14/12 12:30	621000	10350	30.593	19.043	132.346	1.677		
9/14/12 12:45	621900	10365	30.598	19.043	132.335	1.666		
9/14/12 13:00	622800	10380	30.594	19.045	132.344	1.675		
9/14/12 13:15	623700	10395	30.585	19.045	132.364	1.695		
9/14/12 13:30	624600	10410	30.788	19.045	131.896	1.227		
9/14/12 13:45	625500	10425	30.694	19.046	132.113	1.444		
9/14/12 14:00	626400	10440	30.661	19.045	132.189	1.52		
9/14/12 14:15	627300	10455	30.643	19.041	132.232	1.563		
9/14/12 14:30	628200	10470	30.629	19.044	132.264	1.595		
9/14/12 14:45	629100	10485	30.625	19.043	132.272	1.603		
9/14/12 15:00	630000	10500	30.613	19.043	132.299	1.63		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 15:15	630900	10515	30.609	19.044	132.308	1.639		
9/14/12 15:30	631800	10530	30.608	19.042	132.311	1.642		
9/14/12 15:45	632700	10545	30.605	19.046	132.318	1.649		
9/14/12 16:00	633600	10560	30.6	19.043	132.331	1.662		
9/14/12 16:15	634500	10575	30.597	19.044	132.338	1.669		
9/14/12 16:30	635400	10590	30.596	19.042	132.339	1.67		
9/14/12 16:45	636300	10605	30.597	19.044	132.337	1.668		
9/14/12 17:00	637200	10620	30.593	19.045	132.346	1.677		
9/14/12 17:15	638100	10635	30.593	19.043	132.346	1.677		
9/14/12 17:30	639000	10650	30.591	19.045	132.35	1.681		
9/14/12 17:45	639900	10665	30.586	19.042	132.362	1.693		
9/14/12 18:00	640800	10680	30.583	19.044	132.369	1.7		
9/14/12 18:15	641700	10695	30.58	19.043	132.376	1.707		
9/14/12 18:30	642600	10710	30.581	19.042	132.375	1.706		
9/14/12 18:45	643500	10725	30.576	19.048	132.386	1.717		
9/14/12 19:00	644400	10740	30.58	19.046	132.376	1.707		
9/14/12 19:15	645300	10755	30.578	19.046	132.382	1.713		
9/14/12 19:30	646200	10770	30.575	19.042	132.387	1.718		
9/14/12 19:45	647100	10785	30.576	19.043	132.386	1.717		
9/14/12 20:00	648000	10800	30.571	19.044	132.396	1.727		
9/14/12 20:15	648900	10815	30.568	19.046	132.405	1.736		
9/14/12 20:30	649800	10830	30.572	19.044	132.396	1.727		
9/14/12 20:45	650700	10845	30.568	19.043	132.404	1.735		
9/14/12 21:00	651600	10860	30.569	19.043	132.402	1.733		
9/14/12 21:15	652500	10875	30.57	19.044	132.4	1.731		
9/14/12 21:30	653400	10890	30.568	19.04	132.405	1.736		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 21:45	654300	10905	30.564	19.043	132.413	1.744		
9/14/12 22:00	655200	10920	30.567	19.045	132.407	1.738		
9/14/12 22:15	656100	10935	30.567	19.043	132.407	1.738		
9/14/12 22:30	657000	10950	30.567	19.044	132.407	1.738		
9/14/12 22:45	657900	10965	30.563	19.042	132.417	1.748		
9/14/12 23:00	658800	10980	30.566	19.044	132.408	1.739		
9/14/12 23:15	659700	10995	30.56	19.042	132.422	1.753		
9/14/12 23:30	660600	11010	30.563	19.044	132.417	1.748		
9/14/12 23:45	661500	11025	30.564	19.044	132.413	1.744		
9/15/12 0:00	662400	11040	30.563	19.045	132.417	1.748		
9/15/12 0:15	663300	11055	30.558	19.044	132.427	1.758		
9/15/12 0:30	664200	11070	30.564	19.044	132.413	1.744		
9/15/12 0:45	665100	11085	30.563	19.042	132.416	1.747		
9/15/12 1:00	666000	11100	30.563	19.042	132.416	1.747		
9/15/12 1:15	666900	11115	30.56	19.044	132.422	1.753		
9/15/12 1:30	667800	11130	30.563	19.044	132.416	1.747		
9/15/12 1:45	668700	11145	30.559	19.044	132.425	1.756		
9/15/12 2:00	669600	11160	30.564	19.042	132.413	1.744		
9/15/12 2:15	670500	11175	30.558	19.043	132.428	1.759		
9/15/12 2:30	671400	11190	30.569	19.044	132.401	1.732		
9/15/12 2:45	672300	11205	30.571	19.045	132.397	1.728		
9/15/12 3:00	673200	11220	30.568	19.043	132.405	1.736		
9/15/12 3:15	674100	11235	30.567	19.04	132.406	1.737		
9/15/12 3:30	675000	11250	30.564	19.043	132.414	1.745		
9/15/12 3:45	675900	11265	30.563	19.048	132.415	1.746		
9/15/12 4:00	676800	11280	30.564	19.042	132.414	1.745		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 4:15	677700	11295	30.563	19.048	132.416	1.747		
9/15/12 4:30	678600	11310	30.565	19.041	132.411	1.742		
9/15/12 4:45	679500	11325	30.564	19.042	132.413	1.744		
9/15/12 5:00	680400	11340	30.555	19.044	132.435	1.766		
9/15/12 5:15	681300	11355	30.562	19.044	132.417	1.748		
9/15/12 5:30	682200	11370	30.563	19.044	132.415	1.746		
9/15/12 5:45	683100	11385	30.566	19.04	132.409	1.74		
9/15/12 6:00	684000	11400	30.565	19.043	132.412	1.743		
9/15/12 6:15	684900	11415	30.555	19.04	132.434	1.765		
9/15/12 6:30	685800	11430	30.558	19.044	132.427	1.758		
9/15/12 6:45	686700	11445	30.56	19.042	132.424	1.755		
9/15/12 7:00	687600	11460	30.565	19.045	132.411	1.742		
9/15/12 7:15	688500	11475	30.56	19.042	132.423	1.754		
9/15/12 7:30	689400	11490	30.558	19.04	132.427	1.758		
9/15/12 7:45	690300	11505	30.565	19.044	132.412	1.743		
9/15/12 8:00	691200	11520	30.562	19.044	132.417	1.748		
9/15/12 8:15	692100	11535	30.562	19.047	132.418	1.749		
9/15/12 8:30	693000	11550	30.564	19.044	132.414	1.745		
9/15/12 8:45	693900	11565	30.565	19.045	132.412	1.743		
9/15/12 9:00	694800	11580	30.559	19.041	132.424	1.755		
9/15/12 9:15	695700	11595	30.752	19.045	131.98	1.311		
9/15/12 9:30	696600	11610	30.657	19.044	132.2	1.531		
9/15/12 9:45	697500	11625	30.627	19.042	132.268	1.599		
9/15/12 10:00	698400	11640	30.601	19.046	132.328	1.659		
9/15/12 10:15	699300	11655	30.597	19.047	132.338	1.669		
9/15/12 10:30	700200	11670	30.583	19.047	132.37	1.701		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 10:45	701100	11685	30.576	19.047	132.386	1.717		
9/15/12 11:00	702000	11700	30.572	19.046	132.394	1.725		
9/15/12 11:15	702900	11715	30.571	19.045	132.397	1.728		
9/15/12 11:30	703800	11730	30.567	19.045	132.406	1.737		
9/15/12 11:45	704700	11745	30.567	19.045	132.407	1.738		
9/15/12 12:00	705600	11760	30.566	19.043	132.409	1.74		
9/15/12 12:15	706500	11775	30.564	19.046	132.413	1.744		
9/15/12 12:30	707400	11790	30.564	19.044	132.414	1.745		
9/15/12 12:45	708300	11805	30.561	19.042	132.421	1.752		
9/15/12 13:00	709200	11820	30.565	19.043	132.411	1.742		
9/15/12 13:15	710100	11835	30.563	19.044	132.416	1.747		
9/15/12 13:30	711000	11850	30.56	19.041	132.422	1.753		
9/15/12 13:45	711900	11865	30.561	19.045	132.421	1.752		
9/15/12 14:00	712800	11880	30.554	19.043	132.437	1.768		
9/15/12 14:15	713700	11895	30.562	19.044	132.417	1.748		
9/15/12 14:30	714600	11910	30.563	19.044	132.415	1.746		
9/15/12 14:45	715500	11925	30.561	19.044	132.421	1.752		
9/15/12 15:00	716400	11940	30.557	19.044	132.429	1.76		
9/15/12 15:15	717300	11955	30.558	19.044	132.428	1.759		
9/15/12 15:30	718200	11970	30.56	19.042	132.422	1.753		
9/15/12 15:45	719100	11985	30.559	19.042	132.425	1.756		
9/15/12 16:00	720000	12000	30.56	19.042	132.422	1.753		
9/15/12 16:15	720900	12015	30.552	19.042	132.441	1.772		
9/15/12 16:30	721800	12030	30.558	19.045	132.427	1.758		
9/15/12 16:45	722700	12045	30.553	19.045	132.438	1.769		
9/15/12 17:00	723600	12060	30.555	19.043	132.434	1.765		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 17:15	724500	12075	30.555	19.044	132.435	1.766		
9/15/12 17:30	725400	12090	30.557	19.045	132.43	1.761		
9/15/12 17:45	726300	12105	30.552	19.043	132.442	1.773		
9/15/12 18:00	727200	12120	30.554	19.04	132.437	1.768		
9/15/12 18:15	728100	12135	30.556	19.042	132.433	1.764		
9/15/12 18:30	729000	12150	30.544	19.041	132.461	1.792		
9/15/12 18:45	729900	12165	30.547	19.047	132.453	1.784		
9/15/12 19:00	730800	12180	30.548	19.044	132.451	1.782		
9/15/12 19:15	731700	12195	30.548	19.043	132.451	1.782		
9/15/12 19:30	732600	12210	30.544	19.045	132.459	1.79		
9/15/12 19:45	733500	12225	30.542	19.046	132.465	1.796		
9/15/12 20:00	734400	12240	30.546	19.043	132.455	1.786		
9/15/12 20:15	735300	12255	30.544	19.047	132.46	1.791		
9/15/12 20:30	736200	12270	30.54	19.04	132.47	1.801		
9/15/12 20:45	737100	12285	30.542	19.043	132.464	1.795		
9/15/12 21:00	738000	12300	30.54	19.044	132.469	1.8		
9/15/12 21:15	738900	12315	30.541	19.043	132.467	1.798		
9/15/12 21:30	739800	12330	30.533	19.046	132.484	1.815		
9/15/12 21:45	740700	12345	30.54	19.045	132.469	1.8		
9/15/12 22:00	741600	12360	30.541	19.042	132.468	1.799		
9/15/12 22:15	742500	12375	30.537	19.042	132.477	1.808		
9/15/12 22:30	743400	12390	30.539	19.044	132.471	1.802		
9/15/12 22:45	744300	12405	30.543	19.042	132.462	1.793		
9/15/12 23:00	745200	12420	30.541	19.042	132.467	1.798		
9/15/12 23:15	746100	12435	30.537	19.046	132.476	1.807		
9/15/12 23:30	747000	12450	30.543	19.042	132.463	1.794		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 23:45	747900	12465	30.537	19.044	132.475	1.806		
9/16/12 0:00	748800	12480	30.543	19.044	132.462	1.793		
9/16/12 0:15	749700	12495	30.542	19.042	132.464	1.795		
9/16/12 0:30	750600	12510	30.538	19.045	132.474	1.805		
9/16/12 0:45	751500	12525	30.542	19.042	132.465	1.796		
9/16/12 1:00	752400	12540	30.545	19.043	132.457	1.788		
9/16/12 1:15	753300	12555	30.545	19.045	132.458	1.789		
9/16/12 1:30	754200	12570	30.544	19.043	132.461	1.792		
9/16/12 1:45	755100	12585	30.545	19.043	132.457	1.788		
9/16/12 2:00	756000	12600	30.544	19.042	132.461	1.792		
9/16/12 2:15	756900	12615	30.537	19.045	132.475	1.806		
9/16/12 2:30	757800	12630	30.546	19.042	132.456	1.787		
9/16/12 2:45	758700	12645	30.544	19.042	132.459	1.79		
9/16/12 3:00	759600	12660	30.54	19.042	132.469	1.8		
9/16/12 3:15	760500	12675	30.544	19.044	132.46	1.791		
9/16/12 3:30	761400	12690	30.546	19.042	132.455	1.786		
9/16/12 3:45	762300	12705	30.547	19.045	132.454	1.785		
9/16/12 4:00	763200	12720	30.545	19.043	132.456	1.787		
9/16/12 4:15	764100	12735	30.544	19.039	132.459	1.79		
9/16/12 4:30	765000	12750	30.538	19.042	132.472	1.803		
9/16/12 4:45	765900	12765	30.544	19.042	132.46	1.791		
9/16/12 5:00	766800	12780	30.546	19.041	132.455	1.786		
9/16/12 5:15	767700	12795	30.545	19.043	132.458	1.789		
9/16/12 5:30	768600	12810	30.543	19.043	132.461	1.792		
9/16/12 5:45	769500	12825	30.542	19.045	132.464	1.795		
9/16/12 6:00	770400	12840	30.544	19.045	132.46	1.791		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 6:15	771300	12855	30.542	19.043	132.463	1.794		
9/16/12 6:30	772200	12870	30.54	19.044	132.47	1.801		
9/16/12 6:45	773100	12885	30.536	19.044	132.478	1.809		
9/16/12 7:00	774000	12900	30.54	19.042	132.468	1.799		
9/16/12 7:15	774900	12915	30.54	19.046	132.469	1.8		
9/16/12 7:30	775800	12930	30.536	19.044	132.479	1.81		
9/16/12 7:45	776700	12945	30.536	19.043	132.477	1.808		
9/16/12 8:00	777600	12960	30.537	19.044	132.476	1.807		
9/16/12 8:15	778500	12975	30.537	19.042	132.476	1.807		
9/16/12 8:30	779400	12990	30.539	19.044	132.471	1.802		
9/16/12 8:45	780300	13005	30.533	19.043	132.484	1.815		
9/16/12 9:00	781200	13020	30.536	19.041	132.477	1.808		
9/16/12 9:15	782100	13035	30.532	19.044	132.488	1.819		
9/16/12 9:30	783000	13050	30.798	19.043	131.874	1.205		Data download/ manual measurement- probe repositioned
9/16/12 9:45	783900	13065	30.662	19.042	132.188	1.519		
9/16/12 10:00	784800	13080	30.616	19.044	132.294	1.625		
9/16/12 10:15	785700	13095	30.61	19.046	132.308	1.639		
9/16/12 10:30	786600	13110	30.597	19.046	132.337	1.668		
9/16/12 10:45	787500	13125	30.578	19.046	132.382	1.713		
9/16/12 11:00	788400	13140	30.574	19.045	132.39	1.721		
9/16/12 11:15	789300	13155	30.573	19.045	132.392	1.723		
9/16/12 11:30	790200	13170	30.563	19.042	132.417	1.748		
9/16/12 11:45	791100	13185	30.566	19.043	132.41	1.741		
9/16/12 12:00	792000	13200	30.568	19.044	132.404	1.735		
9/16/12 12:15	792900	13215	30.559	19.045	132.424	1.755		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 12:30	793800	13230	30.55	19.044	132.445	1.776		
9/16/12 12:45	794700	13245	30.56	19.045	132.423	1.754		
9/16/12 13:00	795600	13260	30.553	19.044	132.439	1.77		
9/16/12 13:15	796500	13275	30.552	19.043	132.44	1.771		
9/16/12 13:30	797400	13290	30.548	19.044	132.45	1.781		
9/16/12 13:45	798300	13305	30.541	19.043	132.466	1.797		
9/16/12 14:00	799200	13320	30.549	19.044	132.448	1.779		
9/16/12 14:15	800100	13335	30.542	19.045	132.465	1.796		
9/16/12 14:30	801000	13350	30.542	19.043	132.464	1.795		
9/16/12 14:45	801900	13365	30.545	19.044	132.457	1.788		
9/16/12 15:00	802800	13380	30.544	19.04	132.459	1.79		
9/16/12 15:15	803700	13395	30.542	19.046	132.465	1.796		
9/16/12 15:30	804600	13410	30.541	19.043	132.466	1.797		
9/16/12 15:45	805500	13425	30.546	19.041	132.455	1.786		
9/16/12 16:00	806400	13440	30.544	19.046	132.459	1.79		
9/16/12 16:15	807300	13455	30.539	19.042	132.471	1.802		
9/16/12 16:30	808200	13470	30.537	19.044	132.476	1.807		
9/16/12 16:45	809100	13485	30.537	19.045	132.476	1.807		
9/16/12 17:00	810000	13500	30.536	19.042	132.479	1.81		
9/16/12 17:15	810900	13515	30.851	19.044	131.75	1.081		Data download/ manual measurement- probe repositioned
9/16/12 17:30	811800	13530	30.831	19.041	131.798	1.129		
9/16/12 17:45	812700	13545	30.658	19.044	132.195	1.526		
9/16/12 18:00	813600	13560	30.776	19.044	131.923	1.254		
9/16/12 18:15	814500	13575	30.673	19.044	132.162	1.493		
9/16/12 18:30	815400	13590	30.631	19.044	132.258	1.589		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 18:45	816300	13605	30.604	19.043	132.321	1.652		
9/16/12 19:00	817200	13620	30.577	19.045	132.382	1.713		
9/16/12 19:15	818100	13635	30.568	19.046	132.404	1.735		
9/16/12 19:30	819000	13650	30.563	19.045	132.415	1.746		
9/16/12 19:45	819900	13665	30.553	19.041	132.438	1.769		
9/16/12 20:00	820800	13680	30.548	19.042	132.45	1.781		
9/16/12 20:15	821700	13695	30.545	19.043	132.457	1.788		
9/16/12 20:30	822600	13710	30.537	19.044	132.475	1.806		
9/16/12 20:45	823500	13725	30.538	19.042	132.474	1.805		
9/16/12 21:00	824400	13740	30.537	19.043	132.477	1.808		
9/16/12 21:15	825300	13755	30.53	19.043	132.492	1.823		
9/16/12 21:30	826200	13770	30.533	19.042	132.486	1.817		
9/16/12 21:45	827100	13785	30.528	19.041	132.497	1.828		
9/16/12 22:00	828000	13800	30.527	19.04	132.499	1.83		
9/16/12 22:15	828900	13815	30.522	19.042	132.511	1.842		
9/16/12 22:30	829800	13830	30.522	19.043	132.511	1.842		
9/16/12 22:45	830700	13845	30.525	19.042	132.505	1.836		
9/16/12 23:00	831600	13860	30.522	19.047	132.51	1.841		
9/16/12 23:15	832500	13875	30.518	19.047	132.52	1.851		
9/16/12 23:30	833400	13890	30.518	19.044	132.519	1.85		
9/16/12 23:45	834300	13905	30.523	19.045	132.509	1.84		
9/17/12 0:00	835200	13920	30.516	19.044	132.524	1.855		
9/17/12 0:15	836100	13935	30.516	19.043	132.524	1.855		
9/17/12 0:30	837000	13950	30.51	19.043	132.538	1.869		
9/17/12 0:45	837900	13965	30.513	19.044	132.531	1.862		
9/17/12 1:00	838800	13980	30.517	19.045	132.523	1.854		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 1:15	839700	13995	30.516	19.041	132.524	1.855		
9/17/12 1:30	840600	14010	30.516	19.042	132.524	1.855		
9/17/12 1:45	841500	14025	30.515	19.042	132.526	1.857		
9/17/12 2:00	842400	14040	30.511	19.043	132.536	1.867		
9/17/12 2:15	843300	14055	30.511	19.043	132.535	1.866		
9/17/12 2:30	844200	14070	30.51	19.046	132.537	1.868		
9/17/12 2:45	845100	14085	30.515	19.04	132.527	1.858		
9/17/12 3:00	846000	14100	30.508	19.041	132.543	1.874		
9/17/12 3:15	846900	14115	30.509	19.041	132.542	1.873		
9/17/12 3:30	847800	14130	30.512	19.044	132.534	1.865		
9/17/12 3:45	848700	14145	30.513	19.042	132.53	1.861		
9/17/12 4:00	849600	14160	30.511	19.043	132.535	1.866		
9/17/12 4:15	850500	14175	30.512	19.042	132.534	1.865		
9/17/12 4:30	851400	14190	30.51	19.046	132.539	1.87		
9/17/12 4:45	852300	14205	30.51	19.039	132.537	1.868		
9/17/12 5:00	853200	14220	30.511	19.044	132.536	1.867		
9/17/12 5:15	854100	14235	30.504	19.042	132.552	1.883		
9/17/12 5:30	855000	14250	30.51	19.043	132.539	1.87		
9/17/12 5:45	855900	14265	30.508	19.043	132.542	1.873		
9/17/12 6:00	856800	14280	30.507	19.045	132.546	1.877		
9/17/12 6:15	857700	14295	30.51	19.044	132.538	1.869		
9/17/12 6:30	858600	14310	30.508	19.044	132.542	1.873		
9/17/12 6:45	859500	14325	30.505	19.042	132.55	1.881		
9/17/12 7:00	860400	14340	30.503	19.044	132.555	1.886		
9/17/12 7:15	861300	14355	30.501	19.043	132.558	1.889		
9/17/12 7:30	862200	14370	30.5	19.044	132.562	1.893		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 7:45	863100	14385	30.499	19.042	132.563	1.894		
9/17/12 8:00	864000	14400	30.502	19.045	132.556	1.887		
9/17/12 8:15	864900	14415	30.502	19.042	132.556	1.887		
9/17/12 8:30	865800	14430	30.504	19.046	132.551	1.882		
9/17/12 8:45	866700	14445	30.5	19.043	132.562	1.893		
9/17/12 9:00	867600	14460	30.504	19.042	132.552	1.883		
9/17/12 9:15	868500	14475	30.867	19.046	131.714	1.045		Data download/ manual measurement- probe repositioned
9/17/12 9:30	869400	14490	30.784	19.045	131.904	1.235		
9/17/12 9:45	870300	14505	30.764	19.041	131.951	1.282		
9/17/12 10:00	871200	14520	30.708	19.045	132.08	1.411		
9/17/12 10:15	872100	14535	30.679	19.047	132.147	1.478		
9/17/12 10:30	873000	14550	30.633	19.045	132.255	1.586		
9/17/12 10:45	873900	14565	30.611	19.046	132.304	1.635		
9/17/12 11:00	874800	14580	30.586	19.046	132.363	1.694		
9/17/12 11:15	875700	14595	30.572	19.042	132.394	1.725		
9/17/12 11:30	876600	14610	30.561	19.043	132.42	1.751		
9/17/12 11:45	877500	14625	30.546	19.044	132.454	1.785		
9/17/12 12:00	878400	14640	30.533	19.046	132.486	1.817		
9/17/12 12:15	879300	14655	30.528	19.041	132.498	1.829		
9/17/12 12:30	880200	14670	30.522	19.043	132.511	1.842		
9/17/12 12:45	881100	14685	30.522	19.043	132.511	1.842		
9/17/12 13:00	882000	14700	30.515	19.042	132.525	1.856		
9/17/12 13:15	882900	14715	30.516	19.045	132.525	1.856		
9/17/12 13:30	883800	14730	30.513	19.044	132.531	1.862		
9/17/12 13:45	884700	14745	30.507	19.044	132.545	1.876		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 14:00	885600	14760	30.51	19.045	132.538	1.869		
9/17/12 14:15	886500	14775	30.501	19.043	132.559	1.89		
9/17/12 14:30	887400	14790	30.495	19.044	132.573	1.904		
9/17/12 14:45	888300	14805	30.499	19.045	132.564	1.895		
9/17/12 15:00	889200	14820	30.498	19.04	132.565	1.896		
9/17/12 15:00							131.87	Data download/ manual measurement- probe repositioned
9/17/12 15:15	890100	14835	30.502	19.042	132.557	1.888		
9/17/12 15:30	891000	14850	30.49	19.042	132.584	1.915		
9/17/12 15:45	891900	14865	30.491	19.046	132.582	1.913		
9/17/12 16:00	892800	14880	30.489	19.045	132.587	1.918		
9/17/12 16:15	893700	14895	30.487	19.04	132.592	1.923		
9/17/12 16:30	894600	14910	30.486	19.046	132.594	1.925		
9/17/12 16:45	895500	14925	30.483	19.043	132.601	1.932		
9/17/12 17:00	896400	14940	30.485	19.042	132.597	1.928		
9/17/12 17:15	897300	14955	30.491	19.044	132.582	1.913		
9/17/12 17:30	898200	14970	30.485	19.043	132.595	1.926		
9/17/12 17:45	899100	14985	30.483	19.044	132.599	1.93		
9/17/12 18:00	900000	15000	30.484	19.043	132.598	1.929		
9/17/12 18:15	900900	15015	30.478	19.042	132.613	1.944		
9/17/12 18:30	901800	15030	30.476	19.043	132.616	1.947		
9/17/12 18:45	902700	15045	30.478	19.042	132.612	1.943		
9/17/12 19:00	903600	15060	30.476	19.044	132.617	1.948		
9/17/12 19:15	904500	15075	30.475	19.045	132.618	1.949		
9/17/12 19:30	905400	15090	30.475	19.039	132.618	1.949		
9/17/12 19:45	906300	15105	30.473	19.041	132.623	1.954		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 20:00	907200	15120	30.47	19.042	132.63	1.961		
9/17/12 20:15	908100	15135	30.467	19.045	132.638	1.969		
9/17/12 20:30	909000	15150	30.467	19.044	132.637	1.968		
9/17/12 20:45	909900	15165	30.469	19.042	132.632	1.963		
9/17/12 21:00	910800	15180	30.463	19.044	132.646	1.977		
9/17/12 21:15	911700	15195	30.464	19.043	132.644	1.975		
9/17/12 21:30	912600	15210	30.46	19.042	132.653	1.984		
9/17/12 21:45	913500	15225	30.459	19.042	132.655	1.986		
9/17/12 22:00	914400	15240	30.467	19.04	132.638	1.969		
9/17/12 22:15	915300	15255	30.465	19.044	132.641	1.972		
9/17/12 22:30	916200	15270	30.465	19.043	132.643	1.974		
9/17/12 22:45	917100	15285	30.461	19.046	132.651	1.982		
9/17/12 23:00	918000	15300	30.461	19.043	132.652	1.983		
9/17/12 23:15	918900	15315	30.461	19.044	132.652	1.983		
9/17/12 23:30	919800	15330	30.469	19.045	132.634	1.965		
9/17/12 23:45	920700	15345	30.464	19.042	132.644	1.975		
9/18/12 0:00	921600	15360	30.462	19.042	132.649	1.98		
9/18/12 0:15	922500	15375	30.459	19.043	132.655	1.986		
9/18/12 0:30	923400	15390	30.463	19.046	132.648	1.979		
9/18/12 0:45	924300	15405	30.461	19.042	132.652	1.983		
9/18/12 1:00	925200	15420	30.454	19.042	132.668	1.999		
9/18/12 1:15	926100	15435	30.458	19.039	132.659	1.99		
9/18/12 1:30	927000	15450	30.46	19.043	132.653	1.984		
9/18/12 1:45	927900	15465	30.459	19.044	132.657	1.988		
9/18/12 2:00	928800	15480	30.457	19.043	132.66	1.991		
9/18/12 2:15	929700	15495	30.457	19.041	132.66	1.991		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 2:30	930600	15510	30.461	19.043	132.652	1.983		
9/18/12 2:45	931500	15525	30.46	19.042	132.653	1.984		
9/18/12 3:00	932400	15540	30.463	19.043	132.646	1.977		
9/18/12 3:15	933300	15555	30.457	19.043	132.661	1.992		
9/18/12 3:30	934200	15570	30.465	19.042	132.642	1.973		
9/18/12 3:45	935100	15585	30.461	19.042	132.65	1.981		
9/18/12 4:00	936000	15600	30.46	19.043	132.654	1.985		
9/18/12 4:15	936900	15615	30.456	19.043	132.662	1.993		
9/18/12 4:30	937800	15630	30.457	19.044	132.661	1.992		
9/18/12 4:45	938700	15645	30.462	19.04	132.648	1.979		
9/18/12 5:00	939600	15660	30.459	19.043	132.656	1.987		
9/18/12 5:15	940500	15675	30.455	19.042	132.665	1.996		
9/18/12 5:30	941400	15690	30.455	19.041	132.664	1.995		
9/18/12 5:45	942300	15705	30.458	19.043	132.659	1.99		
9/18/12 6:00	943200	15720	30.454	19.043	132.668	1.999		
9/18/12 6:15	944100	15735	30.456	19.043	132.663	1.994		
9/18/12 6:30	945000	15750	30.458	19.045	132.659	1.99		
9/18/12 6:45	945900	15765	30.454	19.043	132.667	1.998		
9/18/12 7:00	946800	15780	30.456	19.041	132.663	1.994		
9/18/12 7:15	947700	15795	30.452	19.041	132.672	2.003		
9/18/12 7:30	948600	15810	30.454	19.045	132.667	1.998		
9/18/12 7:45	949500	15825	30.451	19.044	132.675	2.006		
9/18/12 8:00	950400	15840	30.456	19.043	132.663	1.994		
9/18/12 8:15	951300	15855	30.453	19.041	132.67	2.001		
9/18/12 8:30	952200	15870	30.454	19.041	132.667	1.998		
9/18/12 8:45	953100	15885	30.457	19.042	132.66	1.991		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 9:00	954000	15900	30.455	19.043	132.666	1.997		
9/18/12 9:15	954900	15915	30.456	19.044	132.662	1.993		
9/18/12 9:30	955800	15930	30.451	19.044	132.674	2.005		
9/18/12 9:45	956700	15945	30.452	19.043	132.672	2.003		
9/18/12 10:00	957600	15960	30.456	19.044	132.663	1.994		
9/18/12 10:15	958500	15975	30.46	19.041	132.654	1.985		
9/18/12 10:30	959400	15990	30.458	19.041	132.658	1.989		
9/18/12 10:45	960300	16005	30.455	19.041	132.666	1.997		
9/18/12 11:00	961200	16020	30.458	19.042	132.657	1.988		
9/18/12 11:15	962100	16035	30.461	19.044	132.652	1.983		
9/18/12 11:30	963000	16050	30.46	19.042	132.654	1.985		
9/18/12 11:45	963900	16065	30.455	19.042	132.666	1.997		
9/18/12 12:00	964800	16080	30.453	19.041	132.669	2		
9/18/12 12:15	965700	16095	30.457	19.043	132.661	1.992		
9/18/12 12:30	966600	16110	30.456	19.042	132.662	1.993		
9/18/12 12:45	967500	16125	30.462	19.042	132.65	1.981		
9/18/12 13:00	968400	16140	30.458	19.043	132.658	1.989		
9/18/12 13:15	969300	16155	30.461	19.043	132.652	1.983		
9/18/12 13:30	970200	16170	30.461	19.043	132.652	1.983		
9/18/12 13:45	971100	16185	30.455	19.045	132.665	1.996		
9/18/12 14:00	972000	16200	30.463	19.041	132.647	1.978		
9/18/12 14:15	972900	16215	30.456	19.042	132.663	1.994		
9/18/12 14:30	973800	16230	30.461	19.04	132.651	1.982		
9/18/12 14:45	974700	16245	30.456	19.042	132.662	1.993		
9/18/12 15:00	975600	16260	30.462	19.041	132.648	1.979		
9/18/12 15:15	976500	16275	30.459	19.042	132.657	1.988		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 15:30	977400	16290	30.458	19.042	132.659	1.99		
9/18/12 15:45	978300	16305	30.46	19.042	132.654	1.985		
9/18/12 16:00	979200	16320	30.459	19.04	132.655	1.986		
9/18/12 16:15	980100	16335	30.465	19.041	132.642	1.973		
9/18/12 16:30	981000	16350	30.458	19.043	132.659	1.99		
9/18/12 16:45	981900	16365	30.459	19.04	132.656	1.987		
9/18/12 17:00	982800	16380	30.456	19.041	132.662	1.993		
9/18/12 17:15	983700	16395	30.452	19.042	132.672	2.003		
9/18/12 17:30	984600	16410	30.455	19.042	132.665	1.996		
9/18/12 17:45	985500	16425	30.452	19.042	132.672	2.003		
9/18/12 18:00	986400	16440	30.455	19.041	132.665	1.996		
9/18/12 18:15	987300	16455	30.456	19.041	132.662	1.993		
9/18/12 18:30	988200	16470	30.459	19.042	132.656	1.987		
9/18/12 18:45	989100	16485	30.453	19.043	132.67	2.001		
9/18/12 19:00	990000	16500	30.455	19.041	132.664	1.995		
9/18/12 19:15	990900	16515	30.454	19.042	132.667	1.998		
9/18/12 19:30	991800	16530	30.456	19.043	132.664	1.995		
9/18/12 19:45	992700	16545	30.451	19.044	132.675	2.006		
9/18/12 20:00	993600	16560	30.449	19.045	132.678	2.009		
9/18/12 20:15	994500	16575	30.45	19.045	132.676	2.007		
9/18/12 20:30	995400	16590	30.448	19.045	132.682	2.013		
9/18/12 20:45	996300	16605	30.449	19.043	132.679	2.01		
9/18/12 21:00	997200	16620	30.445	19.042	132.689	2.02		
9/18/12 21:15	998100	16635	30.444	19.044	132.69	2.021		
9/18/12 21:30	999000	16650	30.447	19.045	132.684	2.015		
9/18/12 21:45	999900	16665	30.445	19.042	132.689	2.02		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 22:00	1000800	16680	30.445	19.043	132.687	2.018		
9/18/12 22:15	1001700	16695	30.448	19.045	132.682	2.013		
9/18/12 22:30	1002600	16710	30.444	19.042	132.691	2.022		
9/18/12 22:45	1003500	16725	30.452	19.044	132.672	2.003		
9/18/12 23:00	1004400	16740	30.441	19.042	132.698	2.029		
9/18/12 23:15	1005300	16755	30.44	19.042	132.699	2.03		
9/18/12 23:30	1006200	16770	30.446	19.042	132.686	2.017		
9/18/12 23:45	1007100	16785	30.446	19.041	132.686	2.017		
9/19/12 0:00	1008000	16800	30.447	19.043	132.684	2.015		
9/19/12 0:15	1008900	16815	30.444	19.041	132.691	2.022		
9/19/12 0:30	1009800	16830	30.44	19.042	132.699	2.03		
9/19/12 0:45	1010700	16845	30.443	19.041	132.692	2.023		
9/19/12 1:00	1011600	16860	30.44	19.04	132.699	2.03		
9/19/12 1:15	1012500	16875	30.442	19.043	132.694	2.025		
9/19/12 1:30	1013400	16890	30.448	19.044	132.682	2.013		
9/19/12 1:45	1014300	16905	30.448	19.041	132.68	2.011		
9/19/12 2:00	1015200	16920	30.45	19.042	132.678	2.009		
9/19/12 2:15	1016100	16935	30.446	19.044	132.686	2.017		
9/19/12 2:30	1017000	16950	30.447	19.046	132.683	2.014		
9/19/12 2:45	1017900	16965	30.45	19.042	132.678	2.009		
9/19/12 3:00	1018800	16980	30.448	19.044	132.682	2.013		
9/19/12 3:15	1019700	16995	30.449	19.042	132.68	2.011		
9/19/12 3:30	1020600	17010	30.445	19.043	132.687	2.018		
9/19/12 3:45	1021500	17025	30.449	19.039	132.679	2.01		
9/19/12 4:00	1022400	17040	30.453	19.04	132.67	2.001		
9/19/12 4:15	1023300	17055	30.449	19.045	132.678	2.009		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 4:30	1024200	17070	30.447	19.044	132.684	2.015		
9/19/12 4:45	1025100	17085	30.446	19.041	132.686	2.017		
9/19/12 5:00	1026000	17100	30.441	19.043	132.698	2.029		
9/19/12 5:15	1026900	17115	30.448	19.045	132.681	2.012		
9/19/12 5:30	1027800	17130	30.447	19.042	132.684	2.015		
9/19/12 5:45	1028700	17145	30.446	19.043	132.686	2.017		
9/19/12 6:00	1029600	17160	30.444	19.04	132.69	2.021		
9/19/12 6:15	1030500	17175	30.447	19.042	132.683	2.014		
9/19/12 6:30	1031400	17190	30.446	19.042	132.686	2.017		
9/19/12 6:45	1032300	17205	30.447	19.04	132.684	2.015		
9/19/12 7:00	1033200	17220	30.446	19.043	132.686	2.017		
9/19/12 7:15	1034100	17235	30.445	19.042	132.688	2.019		
9/19/12 7:30	1035000	17250	30.443	19.045	132.693	2.024		
9/19/12 7:45	1035900	17265	30.446	19.04	132.686	2.017		
9/19/12 8:00	1036800	17280	30.441	19.041	132.697	2.028		
9/19/12 8:15	1037700	17295	30.444	19.04	132.69	2.021		
9/19/12 8:30	1038600	17310	30.444	19.044	132.691	2.022		
9/19/12 8:45	1039500	17325	30.443	19.042	132.693	2.024		
9/19/12 9:00	1040400	17340	30.444	19.043	132.691	2.022		
9/19/12 9:15	1041300	17355	30.448	19.043	132.682	2.013		
9/19/12 9:30	1042200	17370	30.449	19.043	132.68	2.011		
9/19/12 9:45	1043100	17385	30.445	19.042	132.689	2.02		
9/19/12 10:00	1044000	17400	30.447	19.043	132.684	2.015		
9/19/12 10:15	1044900	17415	30.448	19.043	132.68	2.011		
9/19/12 10:30	1045800	17430	30.445	19.044	132.687	2.018		
9/19/12 10:45	1046700	17445	30.443	19.043	132.693	2.024		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 11:00	1047600	17460	30.448	19.045	132.681	2.012		
9/19/12 11:15	1048500	17475	30.452	19.04	132.672	2.003		
9/19/12 11:30	1049400	17490	30.45	19.042	132.676	2.007		
9/19/12 11:45	1050300	17505	30.451	19.039	132.674	2.005		
9/19/12 12:00	1051200	17520	30.452	19.043	132.673	2.004		
9/19/12 12:15	1052100	17535	30.45	19.043	132.677	2.008		
9/19/12 12:30	1053000	17550	30.454	19.044	132.666	1.997		
9/19/12 12:45	1053900	17565	30.445	19.041	132.689	2.02		
9/19/12 13:00	1054800	17580	30.449	19.044	132.679	2.01		
9/19/12 13:15	1055700	17595	30.45	19.044	132.677	2.008		
9/19/12 13:30	1056600	17610	30.447	19.041	132.684	2.015		
9/19/12 13:45	1057500	17625	30.452	19.042	132.672	2.003		
9/19/12 14:00	1058400	17640	30.45	19.04	132.676	2.007		
9/19/12 14:15	1059300	17655	30.451	19.042	132.675	2.006		
9/19/12 14:30	1060200	17670	30.451	19.043	132.674	2.005		
9/19/12 14:30							131.91	
9/19/12 14:45	1061100	17685	30.449	19.042	132.679	2.01		
9/19/12 15:00	1062000	17700	30.785	19.046	131.903	1.234		Data download/ manual measurement- probe repositioned
9/19/12 15:15	1062900	17715	30.741	19.04	132.005	1.336		
9/19/12 15:30	1063800	17730	30.651	19.045	132.212	1.543		
9/19/12 15:45	1064700	17745	30.585	19.041	132.366	1.697		
9/19/12 16:00	1065600	17760	30.537	19.043	132.475	1.806		
9/19/12 16:15	1066500	17775	30.517	19.047	132.522	1.853		
9/19/12 16:30	1067400	17790	30.497	19.046	132.569	1.9		
9/19/12 16:45	1068300	17805	30.488	19.043	132.588	1.919		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 17:00	1069200	17820	30.475	19.044	132.619	1.95		
9/19/12 17:15	1070100	17835	30.477	19.043	132.613	1.944		
9/19/12 17:30	1071000	17850	30.469	19.043	132.633	1.964		
9/19/12 17:45	1071900	17865	30.465	19.044	132.643	1.974		
9/19/12 18:00	1072800	17880	30.463	19.043	132.646	1.977		
9/19/12 18:15	1073700	17895	30.461	19.044	132.651	1.982		
9/19/12 18:30	1074600	17910	30.454	19.044	132.668	1.999		
9/19/12 18:45	1075500	17925	30.456	19.044	132.662	1.993		
9/19/12 19:00	1076400	17940	30.454	19.043	132.666	1.997		
9/19/12 19:15	1077300	17955	30.451	19.044	132.675	2.006		
9/19/12 19:30	1078200	17970	30.452	19.046	132.673	2.004		
9/19/12 19:45	1079100	17985	30.44	19.043	132.699	2.03		
9/19/12 20:00	1080000	18000	30.445	19.047	132.687	2.018		
9/19/12 20:15	1080900	18015	30.445	19.044	132.689	2.02		
9/19/12 20:30	1081800	18030	30.437	19.043	132.706	2.037		
9/19/12 20:45	1082700	18045	30.442	19.044	132.695	2.026		
9/19/12 21:00	1083600	18060	30.431	19.043	132.722	2.053		
9/19/12 21:15	1084500	18075	30.443	19.043	132.693	2.024		
9/19/12 21:30	1085400	18090	30.44	19.044	132.699	2.03		
9/19/12 21:45	1086300	18105	30.44	19.045	132.699	2.03		
9/19/12 22:00	1087200	18120	30.44	19.043	132.701	2.032		
9/19/12 22:15	1088100	18135	30.439	19.044	132.703	2.034		
9/19/12 22:30	1089000	18150	30.438	19.043	132.704	2.035		
9/19/12 22:45	1089900	18165	30.436	19.041	132.709	2.04		
9/19/12 23:00	1090800	18180	30.433	19.044	132.716	2.047		
9/19/12 23:15	1091700	18195	30.434	19.042	132.714	2.045		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 23:30	1092600	18210	30.434	19.046	132.713	2.044		
9/19/12 23:45	1093500	18225	30.437	19.042	132.708	2.039		
9/20/12 0:00	1094400	18240	30.436	19.042	132.71	2.041		
9/20/12 0:15	1095300	18255	30.434	19.044	132.713	2.044		
9/20/12 0:30	1096200	18270	30.436	19.04	132.71	2.041		
9/20/12 0:45	1097100	18285	30.434	19.041	132.714	2.045		
9/20/12 1:00	1098000	18300	30.434	19.046	132.713	2.044		
9/20/12 1:15	1098900	18315	30.436	19.041	132.71	2.041		
9/20/12 1:30	1099800	18330	30.433	19.046	132.717	2.048		
9/20/12 1:45	1100700	18345	30.435	19.045	132.711	2.042		
9/20/12 2:00	1101600	18360	30.432	19.042	132.718	2.049		
9/20/12 2:15	1102500	18375	30.428	19.043	132.727	2.058		
9/20/12 2:30	1103400	18390	30.434	19.043	132.714	2.045		
9/20/12 2:45	1104300	18405	30.428	19.041	132.727	2.058		
9/20/12 3:00	1105200	18420	30.434	19.045	132.714	2.045		
9/20/12 3:15	1106100	18435	30.432	19.043	132.718	2.049		
9/20/12 3:30	1107000	18450	30.433	19.044	132.716	2.047		
9/20/12 3:45	1107900	18465	30.43	19.043	132.723	2.054		
9/20/12 4:00	1108800	18480	30.43	19.043	132.722	2.053		
9/20/12 4:15	1109700	18495	30.433	19.042	132.715	2.046		
9/20/12 4:30	1110600	18510	30.429	19.044	132.725	2.056		
9/20/12 4:45	1111500	18525	30.433	19.042	132.715	2.046		
9/20/12 5:00	1112400	18540	30.435	19.041	132.71	2.041		
9/20/12 5:15	1113300	18555	30.436	19.044	132.71	2.041		
9/20/12 5:30	1114200	18570	30.427	19.045	132.729	2.06		
9/20/12 5:45	1115100	18585	30.433	19.041	132.716	2.047		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/20/12 6:00	1116000	18600	30.421	19.043	132.745	2.076		
9/20/12 6:15	1116900	18615	30.433	19.041	132.715	2.046		
9/20/12 6:30	1117800	18630	30.432	19.043	132.719	2.05		
9/20/12 6:45	1118700	18645	30.433	19.042	132.716	2.047		
9/20/12 7:00	1119600	18660	30.426	19.043	132.732	2.063		
9/20/12 7:15	1120500	18675	30.427	19.044	132.731	2.062		
9/20/12 7:30	1121400	18690	30.428	19.043	132.728	2.059		
9/20/12 7:45	1122300	18705	30.433	19.04	132.716	2.047		
9/20/12 8:00	1123200	18720	30.431	19.043	132.722	2.053		
9/20/12 8:15	1124100	18735	30.431	19.043	132.721	2.052		
9/20/12 8:30	1125000	18750	30.431	19.044	132.722	2.053		
9/20/12 8:45	1125900	18765	30.434	19.041	132.714	2.045		
9/20/12 9:00	1126800	18780	30.427	19.044	132.729	2.06		
9/20/12 9:15	1127700	18795	30.434	19.043	132.714	2.045		
9/20/12 9:30	1128600	18810	30.432	19.042	132.718	2.049		
9/20/12 9:45	1129500	18825	30.431	19.043	132.722	2.053		
9/20/12 10:00	1130400	18840	30.431	19.041	132.722	2.053		
9/20/12 10:15	1131300	18855	30.436	19.045	132.71	2.041		
9/20/12 10:30	1132200	18870	30.435	19.043	132.711	2.042		
9/20/12 10:45	1133100	18885	30.428	19.043	132.728	2.059		
9/20/12 11:00	1134000	18900	30.428	19.044	132.727	2.058		
9/20/12 11:15	1134900	18915	30.437	19.043	132.708	2.039		
9/20/12 11:30	1135800	18930	30.431	19.042	132.721	2.052		
9/20/12 11:45	1136700	18945	30.432	19.041	132.719	2.05		
9/20/12 12:00	1137600	18960	30.432	19.04	132.719	2.05		
9/20/12 12:15	1138500	18975	30.432	19.044	132.719	2.05		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/20/12 12:30	1139400	18990	30.439	19.042	132.702	2.033		
9/20/12 12:45	1140300	19005	30.438	19.042	132.705	2.036		
9/20/12 13:00	1141200	19020	30.438	19.043	132.705	2.036		
9/20/12 13:15	1142100	19035	30.437	19.043	132.706	2.037		
9/20/12 13:30	1143000	19050	30.442	19.043	132.696	2.027		
9/20/12 13:45	1143900	19065	30.441	19.044	132.698	2.029		
9/20/12 14:00	1144800	19080	30.44	19.042	132.7	2.031		
9/20/12 14:15	1145700	19095	30.438	19.042	132.704	2.035		
9/20/12 14:30	1146600	19110	30.436	19.043	132.708	2.039		
9/20/12 14:45	1147500	19125	30.439	19.039	132.702	2.033		
9/20/12 15:00	1148400	19140	30.432	19.044	132.719	2.05		
9/20/12 15:15	1149300	19155	30.441	19.045	132.698	2.029		
9/20/12 15:30	1150200	19170	30.44	19.042	132.699	2.03		
9/20/12 15:45	1151100	19185	30.435	19.043	132.712	2.043		
9/20/12 16:00	1152000	19200	30.434	19.044	132.714	2.045		
9/20/12 16:15	1152900	19215	30.434	19.042	132.714	2.045		
9/20/12 16:30	1153800	19230	30.435	19.042	132.71	2.041		
9/20/12 16:45	1154700	19245	30.437	19.04	132.706	2.037		
9/20/12 17:00	1155600	19260	30.435	19.042	132.711	2.042		
9/20/12 17:15	1156500	19275	30.435	19.043	132.711	2.042		
9/20/12 17:30	1157400	19290	30.435	19.043	132.711	2.042		
9/20/12 17:45	1158300	19305	30.432	19.045	132.718	2.049		
9/20/12 18:00	1159200	19320	30.435	19.041	132.712	2.043		
9/20/12 18:15	1160100	19335	30.431	19.042	132.721	2.052		
9/20/12 18:30	1161000	19350	30.429	19.042	132.725	2.056		
9/20/12 18:45	1161900	19365	30.432	19.044	132.719	2.05		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/20/12 19:00	1162800	19380	30.428	19.04	132.727	2.058		
9/20/12 19:15	1163700	19395	30.431	19.046	132.721	2.052		
9/20/12 19:30	1164600	19410	30.427	19.045	132.731	2.062		
9/20/12 19:45	1165500	19425	30.432	19.041	132.719	2.05		
9/20/12 20:00	1166400	19440	30.428	19.042	132.727	2.058		
9/20/12 20:15	1167300	19455	30.427	19.042	132.73	2.061		
9/20/12 20:30	1168200	19470	30.424	19.042	132.736	2.067		
9/20/12 20:45	1169100	19485	30.424	19.042	132.737	2.068		
9/20/12 21:00	1170000	19500	30.428	19.042	132.727	2.058		
9/20/12 21:15	1170900	19515	30.424	19.039	132.737	2.068		
9/20/12 21:30	1171800	19530	30.423	19.045	132.738	2.069		
9/20/12 21:45	1172700	19545	30.428	19.044	132.727	2.058		
9/20/12 22:00	1173600	19560	30.431	19.04	132.72	2.051		
9/20/12 22:15	1174500	19575	30.423	19.043	132.74	2.071		
9/20/12 22:30	1175400	19590	30.431	19.044	132.72	2.051		
9/20/12 22:45	1176300	19605	30.429	19.043	132.724	2.055		
9/20/12 23:00	1177200	19620	30.428	19.041	132.727	2.058		
9/20/12 23:15	1178100	19635	30.426	19.042	132.733	2.064		
9/20/12 23:30	1179000	19650	30.427	19.044	132.729	2.06		
9/20/12 23:45	1179900	19665	30.424	19.043	132.736	2.067		
9/21/12 0:00	1180800	19680	30.422	19.042	132.741	2.072		
9/21/12 0:15	1181700	19695	30.423	19.043	132.738	2.069		
9/21/12 0:30	1182600	19710	30.429	19.044	132.725	2.056		
9/21/12 0:45	1183500	19725	30.42	19.043	132.746	2.077		
9/21/12 1:00	1184400	19740	30.425	19.042	132.734	2.065		
9/21/12 1:15	1185300	19755	30.419	19.041	132.748	2.079		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 1:30	1186200	19770	30.425	19.043	132.734	2.065		
9/21/12 1:45	1187100	19785	30.425	19.042	132.734	2.065		
9/21/12 2:00	1188000	19800	30.42	19.044	132.746	2.077		
9/21/12 2:15	1188900	19815	30.423	19.042	132.74	2.071		
9/21/12 2:30	1189800	19830	30.424	19.041	132.737	2.068		
9/21/12 2:45	1190700	19845	30.421	19.041	132.744	2.075		
9/21/12 3:00	1191600	19860	30.417	19.043	132.753	2.084		
9/21/12 3:15	1192500	19875	30.427	19.043	132.729	2.06		
9/21/12 3:30	1193400	19890	30.428	19.041	132.727	2.058		
9/21/12 3:45	1194300	19905	30.427	19.041	132.729	2.06		
9/21/12 4:00	1195200	19920	30.428	19.042	132.728	2.059		
9/21/12 4:15	1196100	19935	30.423	19.045	132.739	2.07		
9/21/12 4:30	1197000	19950	30.425	19.044	132.735	2.066		
9/21/12 4:45	1197900	19965	30.424	19.044	132.738	2.069		
9/21/12 5:00	1198800	19980	30.418	19.041	132.749	2.08		
9/21/12 5:15	1199700	19995	30.419	19.042	132.748	2.079		
9/21/12 5:30	1200600	20010	30.417	19.042	132.754	2.085		
9/21/12 5:45	1201500	20025	30.42	19.042	132.746	2.077		
9/21/12 6:00	1202400	20040	30.419	19.042	132.748	2.079		
9/21/12 6:15	1203300	20055	30.421	19.04	132.744	2.075		
9/21/12 6:30	1204200	20070	30.414	19.043	132.76	2.091		
9/21/12 6:45	1205100	20085	30.42	19.044	132.747	2.078		
9/21/12 7:00	1206000	20100	30.421	19.043	132.744	2.075		
9/21/12 7:15	1206900	20115	30.417	19.045	132.753	2.084		
9/21/12 7:30	1207800	20130	30.418	19.041	132.75	2.081		
9/21/12 7:45	1208700	20145	30.422	19.043	132.741	2.072		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 8:00	1209600	20160	30.419	19.042	132.748	2.079		End of APT 2
9/21/12 8:15	1210500	20175	30.434	19.042	132.714	2.045		
9/21/12 8:30	1211400	20190	30.482	19.042	132.604	1.935		
9/21/12 8:45	1212300	20205	30.521	19.04	132.512	1.843		
9/21/12 9:00	1213200	20220	30.555	19.044	132.434	1.765		
9/21/12 9:15	1214100	20235	30.58	19.044	132.376	1.707		
9/21/12 9:30	1215000	20250	30.595	19.044	132.342	1.673		Data download/ manual measurement- probe repositioned
9/21/12 9:45	1215900	20265	30.62	19.045	132.284	1.615		
9/21/12 10:00	1216800	20280	30.634	19.047	132.253	1.584		
9/21/12 10:15	1217700	20295	30.644	19.051	132.228	1.559		
9/21/12 10:30	1218600	20310	30.658	19.053	132.195	1.526		
9/21/12 10:45	1219500	20325	30.67	19.055	132.169	1.5		
9/21/12 11:00	1220400	20340	30.682	19.055	132.142	1.473		
9/21/12 11:15	1221300	20355	30.687	19.058	132.129	1.46		
9/21/12 11:30	1222200	20370	30.704	19.06	132.091	1.422		
9/21/12 11:45	1223100	20385	30.708	19.059	132.081	1.412		
9/21/12 12:00	1224000	20400	30.713	19.06	132.068	1.399		
9/21/12 12:15	1224900	20415	30.72	19.059	132.054	1.385		
9/21/12 12:30	1225800	20430	30.736	19.067	132.016	1.347		
9/21/12 12:45	1226700	20445	30.734	19.064	132.021	1.352		
9/21/12 13:00	1227600	20460	30.742	19.067	132.003	1.334		
9/21/12 13:15	1228500	20475	30.748	19.068	131.989	1.32		
9/21/12 13:30	1229400	20490	30.754	19.067	131.974	1.305		
9/21/12 13:45	1230300	20505	30.759	19.071	131.963	1.294		
9/21/12 14:00	1231200	20520	30.763	19.07	131.953	1.284		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 14:15	1232100	20535	30.768	19.073	131.942	1.273		
9/21/12 14:30	1233000	20550	30.771	19.072	131.934	1.265		
9/21/12 14:45	1233900	20565	30.776	19.074	131.924	1.255		
9/21/12 15:00	1234800	20580	30.781	19.073	131.912	1.243		
9/21/12 15:15	1235700	20595	30.784	19.074	131.906	1.237		
9/21/12 15:30	1236600	20610	30.786	19.08	131.9	1.231		
9/21/12 15:45	1237500	20625	30.801	19.077	131.865	1.196		
9/21/12 16:00	1238400	20640	30.799	19.079	131.871	1.202		
9/21/12 16:15	1239300	20655	30.807	19.08	131.852	1.183		
9/21/12 16:30	1240200	20670	30.804	19.081	131.858	1.189		
9/21/12 16:45	1241100	20685	30.809	19.083	131.847	1.178		
9/21/12 17:00	1242000	20700	30.809	19.086	131.848	1.179		
9/21/12 17:15	1242900	20715	30.81	19.082	131.846	1.177		
9/21/12 17:30	1243800	20730	30.825	19.087	131.811	1.142		
9/21/12 17:45	1244700	20745	30.811	19.087	131.843	1.174		
9/21/12 18:00	1245600	20760	30.816	19.085	131.832	1.163		
9/21/12 18:15	1246500	20775	30.82	19.087	131.822	1.153		
9/21/12 18:30	1247400	20790	30.828	19.087	131.804	1.135		
9/21/12 18:45	1248300	20805	30.838	19.09	131.781	1.112		
9/21/12 19:00	1249200	20820	30.84	19.086	131.775	1.106		
9/21/12 19:15	1250100	20835	30.827	19.09	131.806	1.137		
9/21/12 19:30	1251000	20850	30.842	19.089	131.772	1.103		
9/21/12 19:45	1251900	20865	30.845	19.092	131.765	1.096		
9/21/12 20:00	1252800	20880	30.849	19.09	131.756	1.087		
9/21/12 20:15	1253700	20895	30.852	19.092	131.749	1.08		
9/21/12 20:30	1254600	20910	30.855	19.092	131.741	1.072		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 20:45	1255500	20925	30.856	19.097	131.739	1.07		
9/21/12 21:00	1256400	20940	30.856	19.095	131.739	1.07		
9/21/12 21:15	1257300	20955	30.858	19.094	131.735	1.066		
9/21/12 21:30	1258200	20970	30.855	19.096	131.742	1.073		
9/21/12 21:45	1259100	20985	30.857	19.094	131.737	1.068		
9/21/12 22:00	1260000	21000	30.861	19.097	131.728	1.059		
9/21/12 22:15	1260900	21015	30.873	19.097	131.699	1.03		
9/21/12 22:30	1261800	21030	30.874	19.098	131.698	1.029		
9/21/12 22:45	1262700	21045	30.879	19.097	131.687	1.018		
9/21/12 23:00	1263600	21060	30.88	19.097	131.683	1.014		
9/21/12 23:15	1264500	21075	30.885	19.099	131.673	1.004		
9/21/12 23:30	1265400	21090	30.888	19.102	131.666	0.997		
9/21/12 23:45	1266300	21105	30.89	19.1	131.66	0.991		
9/22/12 0:00	1267200	21120	30.886	19.099	131.67	1.001		
9/22/12 0:15	1268100	21135	30.897	19.101	131.645	0.976		
9/22/12 0:30	1269000	21150	30.896	19.097	131.647	0.978		
9/22/12 0:45	1269900	21165	30.902	19.103	131.632	0.963		
9/22/12 1:00	1270800	21180	30.889	19.103	131.663	0.994		
9/22/12 1:15	1271700	21195	30.889	19.104	131.663	0.994		
9/22/12 1:30	1272600	21210	30.893	19.102	131.653	0.984		
9/22/12 1:45	1273500	21225	30.903	19.102	131.63	0.961		
9/22/12 2:00	1274400	21240	30.907	19.105	131.622	0.953		
9/22/12 2:15	1275300	21255	30.9	19.106	131.638	0.969		
9/22/12 2:30	1276200	21270	30.914	19.106	131.606	0.937		
9/22/12 2:45	1277100	21285	30.917	19.107	131.598	0.929		
9/22/12 3:00	1278000	21300	30.916	19.107	131.601	0.932		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 3:15	1278900	21315	30.91	19.107	131.614	0.945		
9/22/12 3:30	1279800	21330	30.922	19.106	131.586	0.917		
9/22/12 3:45	1280700	21345	30.923	19.109	131.584	0.915		
9/22/12 4:00	1281600	21360	30.924	19.107	131.583	0.914		
9/22/12 4:15	1282500	21375	30.917	19.108	131.598	0.929		
9/22/12 4:30	1283400	21390	30.922	19.109	131.588	0.919		
9/22/12 4:45	1284300	21405	30.928	19.107	131.573	0.904		
9/22/12 5:00	1285200	21420	30.928	19.108	131.574	0.905		
9/22/12 5:15	1286100	21435	30.934	19.107	131.56	0.891		
9/22/12 5:30	1287000	21450	30.934	19.109	131.558	0.889		
9/22/12 5:45	1287900	21465	30.931	19.11	131.566	0.897		
9/22/12 6:00	1288800	21480	30.933	19.109	131.562	0.893		
9/22/12 6:15	1289700	21495	30.935	19.11	131.556	0.887		
9/22/12 6:30	1290600	21510	30.941	19.112	131.544	0.875		
9/22/12 6:45	1291500	21525	30.937	19.111	131.552	0.883		
9/22/12 7:00	1292400	21540	30.946	19.111	131.531	0.862		
9/22/12 7:15	1293300	21555	30.943	19.11	131.539	0.87		
9/22/12 7:30	1294200	21570	30.945	19.111	131.534	0.865		
9/22/12 7:45	1295100	21585	30.949	19.113	131.524	0.855		
9/22/12 8:00	1296000	21600	30.951	19.113	131.52	0.851		
9/22/12 8:15	1296900	21615	30.954	19.115	131.512	0.843		
9/22/12 8:30	1297800	21630	30.958	19.112	131.504	0.835		
9/22/12 8:45	1298700	21645	30.947	19.113	131.53	0.861		
9/22/12 9:00	1299600	21660	30.954	19.112	131.512	0.843		
9/22/12 9:15	1300500	21675	30.959	19.114	131.501	0.832		
9/22/12 9:30	1301400	21690	30.953	19.114	131.515	0.846		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 9:45	1302300	21705	30.961	19.113	131.497	0.828		
9/22/12 10:00	1303200	21720	30.965	19.114	131.487	0.818		
9/22/12 10:15	1304100	21735	30.969	19.115	131.479	0.81		
9/22/12 10:30	1305000	21750	30.968	19.115	131.481	0.812		
9/22/12 10:45	1305900	21765	30.968	19.118	131.48	0.811		
9/22/12 11:00	1306800	21780	30.975	19.115	131.465	0.796		
9/22/12 11:15	1307700	21795	30.972	19.119	131.471	0.802		
9/22/12 11:30	1308600	21810	30.977	19.116	131.459	0.79		
9/22/12 11:45	1309500	21825	30.979	19.118	131.454	0.785		
9/22/12 12:00	1310400	21840	30.983	19.118	131.447	0.778		
9/22/12 12:15	1311300	21855	30.978	19.117	131.456	0.787		
9/22/12 12:30	1312200	21870	30.985	19.117	131.442	0.773		
9/22/12 12:45	1313100	21885	30.986	19.119	131.44	0.771		
9/22/12 13:00	1314000	21900	30.987	19.119	131.437	0.768		
9/22/12 13:15	1314900	21915	30.987	19.12	131.437	0.768		
9/22/12 13:30	1315800	21930	30.992	19.119	131.426	0.757		
9/22/12 13:45	1316700	21945	30.987	19.116	131.437	0.768		
9/22/12 14:00	1317600	21960	30.994	19.117	131.421	0.752		
9/22/12 14:15	1318500	21975	30.994	19.12	131.42	0.751		
9/22/12 14:30	1319400	21990	30.995	19.117	131.418	0.749		
9/22/12 14:45	1320300	22005	30.996	19.119	131.415	0.746		
9/22/12 15:00	1321200	22020	31.002	19.122	131.403	0.734		
9/22/12 15:15	1322100	22035	31.001	19.117	131.404	0.735		
9/22/12 15:30	1323000	22050	30.997	19.121	131.413	0.744		
9/22/12 15:45	1323900	22065	31.002	19.12	131.401	0.732		
9/22/12 16:00	1324800	22080	31.004	19.122	131.396	0.727		

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MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 16:15	1325700	22095	31.004	19.119	131.399	0.73		
9/22/12 16:30	1326600	22110	31.002	19.123	131.402	0.733		
9/22/12 16:45	1327500	22125	31.004	19.123	131.399	0.73		
9/22/12 17:00	1328400	22140	31.01	19.124	131.384	0.715		
9/22/12 17:15	1329300	22155	31.006	19.122	131.393	0.724		
9/22/12 17:30	1330200	22170	31.008	19.122	131.389	0.72		
9/22/12 17:45	1331100	22185	31.005	19.123	131.395	0.726		
9/22/12 18:00	1332000	22200	31.008	19.122	131.389	0.72		
9/22/12 18:15	1332900	22215	31.01	19.118	131.383	0.714		
9/22/12 18:30	1333800	22230	31.012	19.121	131.38	0.711		
9/22/12 18:45	1334700	22245	31.01	19.121	131.384	0.715		
9/22/12 19:00	1335600	22260	31.002	19.123	131.403	0.734		
9/22/12 19:15	1336500	22275	31.013	19.123	131.377	0.708		
9/22/12 19:30	1337400	22290	31.019	19.123	131.363	0.694		
9/22/12 19:45	1338300	22305	31.011	19.121	131.38	0.711		
9/22/12 20:00	1339200	22320	31.013	19.125	131.376	0.707		
9/22/12 20:15	1340100	22335	31.012	19.124	131.378	0.709		
9/22/12 20:30	1341000	22350	31.015	19.126	131.372	0.703		
9/22/12 20:45	1341900	22365	31.015	19.125	131.372	0.703		
9/22/12 21:00	1342800	22380	31.019	19.126	131.362	0.693		
9/22/12 21:15	1343700	22395	31.007	19.125	131.39	0.721		
9/22/12 21:30	1344600	22410	31.021	19.128	131.359	0.69		
9/22/12 21:45	1345500	22425	31.018	19.126	131.366	0.697		
9/22/12 22:00	1346400	22440	31.02	19.124	131.36	0.691		
9/22/12 22:15	1347300	22455	31.022	19.124	131.356	0.687		
9/22/12 22:30	1348200	22470	31.025	19.127	131.348	0.679		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 22:45	1349100	22485	31.027	19.126	131.344	0.675		
9/22/12 23:00	1350000	22500	31.029	19.126	131.34	0.671		
9/22/12 23:15	1350900	22515	31.032	19.127	131.333	0.664		
9/22/12 23:30	1351800	22530	31.025	19.127	131.348	0.679		
9/22/12 23:45	1352700	22545	31.023	19.127	131.354	0.685		
9/23/12 0:00	1353600	22560	31.029	19.126	131.339	0.67		
9/23/12 0:15	1354500	22575	31.03	19.126	131.338	0.669		
9/23/12 0:30	1355400	22590	31.036	19.127	131.324	0.655		
9/23/12 0:45	1356300	22605	31.033	19.128	131.33	0.661		
9/23/12 1:00	1357200	22620	31.036	19.13	131.324	0.655		
9/23/12 1:15	1358100	22635	31.031	19.129	131.336	0.667		
9/23/12 1:30	1359000	22650	31.036	19.126	131.323	0.654		
9/23/12 1:45	1359900	22665	31.033	19.128	131.331	0.662		
9/23/12 2:00	1360800	22680	31.036	19.129	131.324	0.655		
9/23/12 2:15	1361700	22695	31.038	19.129	131.319	0.65		
9/23/12 2:30	1362600	22710	31.039	19.13	131.318	0.649		
9/23/12 2:45	1363500	22725	31.042	19.128	131.31	0.641		
9/23/12 3:00	1364400	22740	31.039	19.129	131.318	0.649		
9/23/12 3:15	1365300	22755	31.046	19.129	131.3	0.631		
9/23/12 3:30	1366200	22770	31.041	19.132	131.312	0.643		
9/23/12 3:45	1367100	22785	31.047	19.131	131.298	0.629		
9/23/12 4:00	1368000	22800	31.045	19.129	131.302	0.633		
9/23/12 4:15	1368900	22815	31.041	19.127	131.311	0.642		
9/23/12 4:30	1369800	22830	31.047	19.132	131.297	0.628		
9/23/12 4:45	1370700	22845	31.045	19.129	131.303	0.634		
9/23/12 5:00	1371600	22860	31.048	19.129	131.296	0.627		

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MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 5:15	1372500	22875	31.05	19.129	131.292	0.623		
9/23/12 5:30	1373400	22890	31.048	19.131	131.295	0.626		
9/23/12 5:45	1374300	22905	31.045	19.131	131.302	0.633		
9/23/12 6:00	1375200	22920	31.047	19.132	131.298	0.629		
9/23/12 6:15	1376100	22935	31.048	19.132	131.296	0.627		
9/23/12 6:30	1377000	22950	31.048	19.132	131.295	0.626		
9/23/12 6:45	1377900	22965	31.048	19.13	131.296	0.627		
9/23/12 7:00	1378800	22980	31.05	19.131	131.29	0.621		
9/23/12 7:15	1379700	22995	31.045	19.128	131.302	0.633		
9/23/12 7:30	1380600	23010	31.046	19.133	131.301	0.632		
9/23/12 7:45	1381500	23025	31.051	19.131	131.288	0.619		
9/23/12 8:00	1382400	23040	31.052	19.131	131.286	0.617		
9/23/12 8:15	1383300	23055	31.053	19.132	131.284	0.615		
9/23/12 8:30	1384200	23070	31.054	19.133	131.281	0.612		
9/23/12 8:45	1385100	23085	31.055	19.132	131.28	0.611		
9/23/12 9:00	1386000	23100	31.058	19.132	131.272	0.603		
9/23/12 9:15	1386900	23115	31.057	19.13	131.275	0.606		
9/23/12 9:30	1387800	23130	31.057	19.132	131.275	0.606		
9/23/12 9:45	1388700	23145	31.06	19.13	131.268	0.599		
9/23/12 10:00	1389600	23160	31.06	19.132	131.268	0.599		
9/23/12 10:15	1390500	23175	31.063	19.134	131.261	0.592		
9/23/12 10:30	1391400	23190	31.065	19.134	131.257	0.588		
9/23/12 10:45	1392300	23205	31.066	19.132	131.255	0.586		
9/23/12 11:00	1393200	23220	31.068	19.131	131.25	0.581		
9/23/12 11:15	1394100	23235	31.069	19.134	131.246	0.577		
9/23/12 11:30	1395000	23250	31.071	19.134	131.244	0.575		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 11:45	1395900	23265	31.069	19.133	131.246	0.577		
9/23/12 12:00	1396800	23280	31.071	19.134	131.244	0.575		
9/23/12 12:15	1397700	23295	31.071	19.133	131.244	0.575		
9/23/12 12:30	1398600	23310	31.072	19.133	131.24	0.571		
9/23/12 12:45	1399500	23325	31.075	19.133	131.234	0.565		
9/23/12 13:00	1400400	23340	31.079	19.134	131.225	0.556		
9/23/12 13:15	1401300	23355	31.077	19.136	131.228	0.559		
9/23/12 13:30	1402200	23370	31.074	19.136	131.235	0.566		
9/23/12 13:45	1403100	23385	31.082	19.135	131.218	0.549		
9/23/12 14:00	1404000	23400	31.08	19.133	131.223	0.554		
9/23/12 14:15	1404900	23415	31.078	19.134	131.226	0.557		
9/23/12 14:30	1405800	23430	31.079	19.137	131.225	0.556		
9/23/12 14:45	1406700	23445	31.082	19.134	131.217	0.548		
9/23/12 15:00	1407600	23460	31.084	19.137	131.212	0.543		
9/23/12 15:15	1408500	23475	31.086	19.134	131.208	0.539		
9/23/12 15:30	1409400	23490	31.085	19.134	131.21	0.541		
9/23/12 15:45	1410300	23505	31.088	19.136	131.204	0.535		
9/23/12 16:00	1411200	23520	31.089	19.138	131.201	0.532		
9/23/12 16:15	1412100	23535	31.081	19.136	131.221	0.552		
9/23/12 16:30	1413000	23550	31.09	19.136	131.199	0.53		
9/23/12 16:45	1413900	23565	31.089	19.134	131.201	0.532		
9/23/12 17:00	1414800	23580	31.088	19.135	131.204	0.535		
9/23/12 17:15	1415700	23595	31.089	19.134	131.2	0.531		
9/23/12 17:30	1416600	23610	31.092	19.137	131.194	0.525		
9/23/12 17:45	1417500	23625	31.086	19.14	131.209	0.54		
9/23/12 18:00	1418400	23640	31.085	19.137	131.21	0.541		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 18:15	1419300	23655	31.09	19.137	131.198	0.529		
9/23/12 18:30	1420200	23670	31.092	19.134	131.195	0.526		
9/23/12 18:45	1421100	23685	31.089	19.136	131.201	0.532		
9/23/12 19:00	1422000	23700	31.088	19.135	131.205	0.536		
9/23/12 19:15	1422900	23715	31.088	19.138	131.203	0.534		
9/23/12 19:30	1423800	23730	31.078	19.137	131.226	0.557		
9/23/12 19:45	1424700	23745	31.088	19.134	131.204	0.535		
9/23/12 20:00	1425600	23760	31.087	19.139	131.206	0.537		
9/23/12 20:15	1426500	23775	31.084	19.136	131.212	0.543		
9/23/12 20:30	1427400	23790	31.088	19.139	131.203	0.534		
9/23/12 20:45	1428300	23805	31.086	19.14	131.209	0.54		
9/23/12 21:00	1429200	23820	31.089	19.138	131.202	0.533		
9/23/12 21:15	1430100	23835	31.087	19.134	131.206	0.537		
9/23/12 21:30	1431000	23850	31.094	19.137	131.191	0.522		
9/23/12 21:45	1431900	23865	31.089	19.137	131.202	0.533		
9/23/12 22:00	1432800	23880	31.093	19.138	131.192	0.523		
9/23/12 22:15	1433700	23895	31.09	19.14	131.199	0.53		
9/23/12 22:30	1434600	23910	31.092	19.14	131.194	0.525		
9/23/12 22:45	1435500	23925	31.091	19.136	131.197	0.528		
9/23/12 23:00	1436400	23940	31.098	19.139	131.181	0.512		
9/23/12 23:15	1437300	23955	31.097	19.139	131.182	0.513		
9/23/12 23:30	1438200	23970	31.094	19.141	131.189	0.52		
9/23/12 23:45	1439100	23985	31.098	19.138	131.181	0.512		
9/24/12 0:00	1440000	24000	31.098	19.141	131.18	0.511		
9/24/12 0:15	1440900	24015	31.104	19.141	131.167	0.498		
9/24/12 0:30	1441800	24030	31.101	19.138	131.173	0.504		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/24/12 0:45	1442700	24045	31.101	19.139	131.174	0.505		
9/24/12 1:00	1443600	24060	31.1	19.139	131.177	0.508		
9/24/12 1:15	1444500	24075	31.096	19.139	131.185	0.516		
9/24/12 1:30	1445400	24090	31.1	19.137	131.175	0.506		
9/24/12 1:45	1446300	24105	31.103	19.141	131.17	0.501		
9/24/12 2:00	1447200	24120	31.106	19.14	131.162	0.493		
9/24/12 2:15	1448100	24135	31.105	19.137	131.164	0.495		
9/24/12 2:30	1449000	24150	31.101	19.142	131.174	0.505		
9/24/12 2:45	1449900	24165	31.102	19.14	131.172	0.503		
9/24/12 3:00	1450800	24180	31.102	19.14	131.171	0.502		
9/24/12 3:15	1451700	24195	31.109	19.138	131.155	0.486		
9/24/12 3:30	1452600	24210	31.109	19.14	131.156	0.487		
9/24/12 3:45	1453500	24225	31.108	19.142	131.157	0.488		
9/24/12 4:00	1454400	24240	31.103	19.138	131.169	0.5		
9/24/12 4:15	1455300	24255	31.108	19.141	131.158	0.489		
9/24/12 4:30	1456200	24270	31.108	19.139	131.158	0.489		
9/24/12 4:45	1457100	24285	31.106	19.14	131.163	0.494		
9/24/12 5:00	1458000	24300	31.102	19.139	131.171	0.502		
9/24/12 5:15	1458900	24315	31.103	19.141	131.17	0.501		
9/24/12 5:30	1459800	24330	31.111	19.143	131.15	0.481		
9/24/12 5:45	1460700	24345	31.104	19.141	131.166	0.497		
9/24/12 6:00	1461600	24360	31.112	19.144	131.148	0.479		
9/24/12 6:15	1462500	24375	31.114	19.141	131.143	0.474		
9/24/12 6:30	1463400	24390	31.114	19.141	131.144	0.475		
9/24/12 6:45	1464300	24405	31.107	19.142	131.159	0.49		
9/24/12 7:00	1465200	24420	31.109	19.14	131.154	0.485		

Table F-6
MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/24/12 7:15	1466100	24435	31.11	19.141	131.153	0.484		
9/24/12 7:30	1467000	24450	31.11	19.141	131.152	0.483		
9/24/12 7:45	1467900	24465	31.114	19.141	131.144	0.475		
9/24/12 8:00	1468800	24480	31.114	19.142	131.144	0.475		
9/24/12 8:15	1469700	24495	31.111	19.142	131.15	0.481		
9/24/12 8:30	1470600	24510	31.112	19.145	131.148	0.479		
9/24/12 8:45	1471500	24525	31.111	19.144	131.15	0.481		
9/24/12 9:00	1472400	24540	31.11	19.143	131.153	0.484		
9/24/12 9:15	1473300	24555	31.109	19.143	131.156	0.487		
9/24/12 9:30	1474200	24570	31.109	19.143	131.156	0.487		
9/24/12 9:45	1475100	24585	31.112	19.146	131.148	0.479		
9/24/12 10:00	1476000	24600	31.116	19.141	131.138	0.469		
9/24/12 10:15	1476900	24615	31.116	19.138	131.138	0.469		
9/24/12 10:30	1477800	24630	31.115	19.144	131.14	0.471		
9/24/12 10:45	1478700	24645	31.116	19.141	131.139	0.47		
9/24/12 11:00	1479600	24660	31.118	19.144	131.134	0.465		
9/24/12 11:15	1480500	24675	31.121	19.143	131.127	0.458		
9/24/12 11:30	1481400	24690	31.126	19.146	131.115	0.446		
9/24/12 11:45	1482300	24705	31.126	19.143	131.115	0.446		
9/24/12 12:00	1483200	24720	31.128	19.141	131.111	0.442		
9/24/12 12:15	1484100	24735	31.123	19.145	131.123	0.454		
9/24/12 12:30	1485000	24750	31.127	19.144	131.113	0.444		
9/24/12 12:45	1485900	24765	31.128	19.145	131.111	0.442		
9/24/12 13:00	1486800	24780	31.135	19.145	131.095	0.426		
9/24/12 13:15	1487700	24795	31.134	19.143	131.098	0.429		
9/24/12 13:30	1488600	24810	31.138	19.142	131.088	0.419		

Table F-6

MW-3 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/24/12 13:45	1489500	24825	31.138	19.144	131.088	0.419		
9/24/12 14:00	1490400	24840	31.134	19.144	131.097	0.428		
9/24/12 14:15	1491300	24855	31.13	19.143	131.106	0.437		
9/24/12 14:30	1492200	24870	31.132	19.144	131.102	0.433		
9/24/12 14:45	1493100	24885	31.132	19.142	131.102	0.433		
9/24/12 15:00	1494000	24900	31.134	19.142	131.097	0.428		
9/24/12 15:15	1494900	24915	31.128	19.144	131.112	0.443		
Notes: PSI: Pounds per square inch C: Degrees Celcius								
			ft btoc: feet below top of casing gpm: gallons per minute					

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/22/12 17:00			40.722	19.644	108.7	-0.05		Deployment
8/22/12 18:00			40.723	19.632	108.696	-0.054		
8/22/12 19:00			40.724	19.631	108.695	-0.055		
8/22/12 20:00			40.725	19.626	108.693	-0.057		
8/22/12 21:00			40.726	19.629	108.689	-0.061		Development- 3B
8/22/12 22:00			40.726	19.628	108.69	-0.06		
8/22/12 23:00			40.726	19.629	108.69	-0.06		
8/23/12 0:00			40.726	19.63	108.689	-0.061		
8/23/12 1:00			40.727	19.629	108.687	-0.063		
8/23/12 2:00			40.724	19.628	108.694	-0.056		
8/23/12 3:00			40.725	19.628	108.693	-0.057		
8/23/12 4:00			40.725	19.628	108.692	-0.058		
8/23/12 5:00			40.726	19.626	108.689	-0.061		
8/23/12 6:00			40.726	19.629	108.691	-0.059		
8/23/12 7:00			40.725	19.629	108.692	-0.058		
8/23/12 8:00			40.727	19.626	108.688	-0.062		
8/23/12 9:00			40.728	19.628	108.686	-0.064		
8/23/12 10:00			40.729	19.629	108.684	-0.066		
8/23/12 11:00			40.732	19.628	108.676	-0.074		
8/23/12 12:00			40.735	19.627	108.669	-0.081		
8/23/12 13:00			40.738	19.627	108.663	-0.087		
8/23/12 14:00			40.737	19.628	108.664	-0.086		
8/23/12 15:00			40.739	19.628	108.66	-0.09		
8/23/12 16:00			40.741	19.63	108.656	-0.094		
8/23/12 17:00			40.742	19.629	108.652	-0.098		
8/23/12 18:00			40.743	19.625	108.651	-0.099		
8/23/12 19:00			40.743	19.629	108.65	-0.1		
8/23/12 20:00			40.741	19.629	108.654	-0.096		
8/23/12 21:00			40.739	19.629	108.659	-0.091		
8/23/12 22:00			40.74	19.628	108.658	-0.092		

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/23/12 23:00			40.739	19.629	108.659	-0.091		
8/24/12 0:00			40.739	19.63	108.659	-0.091		
8/24/12 1:00			40.739	19.629	108.66	-0.09		
8/24/12 2:00			40.74	19.628	108.658	-0.092		
8/24/12 3:00			40.739	19.627	108.66	-0.09		
8/24/12 4:00			40.738	19.628	108.662	-0.088		
8/24/12 5:00			40.739	19.629	108.66	-0.09		
8/24/12 6:00			40.738	19.629	108.663	-0.087		
8/24/12 7:00			40.736	19.625	108.667	-0.083		
8/24/12 8:00			40.736	19.632	108.666	-0.084		
8/24/12 8:15							108.40	
8/24/12 9:00			40.74	19.629	108.657	-0.093		
8/24/12 10:00			40.74	19.63	108.649	-0.101		
8/24/12 11:00			40.744	19.629	108.64	-0.11		
8/24/12 12:00			40.747	19.629	108.638	-0.112		
8/24/12 13:00			40.748	19.626	108.64	-0.11		
8/24/12 13:37			41.02	23.049				Reprogrammed and depth reset
8/24/12 14:37			40.888	19.74	108.645	-0.105		
8/24/12 15:37			40.863	19.7	108.704	-0.046		
8/24/12 16:37			40.852	19.692	108.729	-0.021		
8/24/12 17:37			40.856	19.688	108.719	-0.031		
8/24/12 18:37			40.854	19.687	108.725	-0.025		
8/24/12 19:37			40.849	19.685	108.737	-0.013		
8/24/12 20:37			40.848	19.685	108.739	-0.011		
8/24/12 21:37			40.847	19.685	108.74	-0.01		
8/24/12 22:37			40.848	19.684	108.737	-0.013		
8/24/12 23:37			40.853	19.682	108.726	-0.024		
8/25/12 0:37			40.851	19.685	108.731	-0.019		
8/25/12 1:37			40.847	19.685	108.742	-0.008		

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/25/12 2:37			40.847	19.684	108.742	-0.008		
8/25/12 3:37			40.85	19.684	108.733	-0.017		
8/25/12 4:37			40.85	19.683	108.734	-0.016		
8/25/12 5:37			40.844	19.684	108.747	-0.003		
8/25/12 6:37			40.846	19.685	108.744	-0.006		
8/25/12 7:37			40.844	19.686	108.747	-0.003		
8/25/12 8:37			40.846	19.682	108.743	-0.007		
8/25/12 9:37			40.843	19.685	108.75	0		
8/25/12 10:37			40.847	19.684	108.74	-0.01		
8/25/12 11:37			40.854	19.685	108.724	-0.026		
8/25/12 12:37			40.853	19.685	108.728	-0.022		
8/25/12 13:37			40.857	19.683	108.717	-0.033		
8/25/12 14:37			40.851	19.683	108.731	-0.019		
8/25/12 15:37			40.854	19.684	108.724	-0.026		
8/25/12 16:37			40.857	19.683	108.717	-0.033		
8/25/12 17:37			40.86	19.685	108.71	-0.04		
8/25/12 18:37			40.851	19.684	108.731	-0.019		
8/25/12 19:37			40.852	19.682	108.729	-0.021		
8/25/12 20:37			40.849	19.685	108.737	-0.013		
8/25/12 21:37			40.847	19.683	108.74	-0.01		
8/25/12 22:37			40.852	19.684	108.73	-0.02		
8/25/12 23:37			40.849	19.683	108.736	-0.014		
8/26/12 0:37			40.846	19.686	108.743	-0.007		
8/26/12 1:37			40.849	19.686	108.735	-0.015		
8/26/12 2:37			40.849	19.686	108.736	-0.014		
8/26/12 3:37			40.845	19.684	108.745	-0.005		
8/26/12 4:37			40.858	19.684	108.716	-0.034		
8/26/12 5:37			40.848	19.682	108.737	-0.013		
8/26/12 6:37			40.84	19.685	108.757	0.007		
8/26/12 7:37			40.841	19.684	108.754	0.004		

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/26/12 8:37			40.846	19.685	108.742	-0.008		
8/26/12 9:37			40.838	19.685	108.762	0.012		
8/26/12 10:37			40.841	19.685	108.754	0.004		
8/26/12 11:37			40.848	19.684	108.738	-0.012		
8/26/12 12:37			40.851	19.683	108.731	-0.019		
8/26/12 13:37			40.849	19.685	108.735	-0.015		
8/26/12 14:37			40.854	19.685	108.724	-0.026		
8/26/12 15:37			40.854	19.685	108.725	-0.025		
8/26/12 16:37			40.857	19.684	108.718	-0.032		
8/26/12 17:37			40.849	19.685	108.736	-0.014		
8/26/12 18:37			40.856	19.686	108.719	-0.031		
8/26/12 19:37			40.848	19.685	108.739	-0.011		
8/26/12 20:37			40.846	19.685	108.742	-0.008		
8/26/12 21:37			40.847	19.685	108.741	-0.009		
8/26/12 22:37			40.848	19.685	108.739	-0.011		
8/26/12 23:37			40.845	19.684	108.745	-0.005		
8/27/12 0:37			40.846	19.685	108.742	-0.008		
8/27/12 1:37			40.852	19.684	108.73	-0.02		
8/27/12 2:37			40.841	19.689	108.754	0.004		
8/27/12 3:37			40.849	19.688	108.737	-0.013		
8/27/12 4:37			40.847	19.685	108.74	-0.01		
8/27/12 5:37			40.837	19.683	108.765	0.015		
8/27/12 6:37			40.84	19.685	108.757	0.007		
8/27/12 7:37			40.842	19.685	108.753	0.003		
8/27/12 8:37			40.841	19.684	108.754	0.004		
8/27/12 9:37			40.839	19.685	108.759	0.009		
8/27/12 10:37			40.844	19.684	108.748	-0.002		
8/27/12 11:37			40.848	19.687	108.739	-0.011		
8/27/12 12:37			40.846	19.684	108.744	-0.006		
8/27/12 13:37			40.85	19.686	108.733	-0.017		

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/27/12 14:37			40.852	19.685	108.73	-0.02		
8/27/12 14:55							108.33	
8/27/12 15:00			40.964	19.689	108.537	-0.213		
8/28/12 3:00			40.858	19.683	108.782	0.032		
8/28/12 7:40							108.37	
8/28/12 15:00			40.859	19.685	108.78	0.03		
8/28/12 15:50							108.32	
8/29/12 3:00			40.856	19.686	108.788	0.038		
8/29/12 8:20							108.36	
8/29/12 15:00			40.852	19.687	108.796	0.046		
8/29/12 16:05							108.31	
8/30/12 3:00			40.828	19.685	108.853	0.103		
8/30/12 8:10							108.35	
8/30/12 15:00			40.826	19.685	108.858	0.108		
8/31/12 3:00			40.833	19.686	108.841	0.091		
8/31/12 15:00			40.828	19.688	108.852	0.102		
9/1/12 3:00			40.827	19.686	108.856	0.106		
9/1/12 15:00			40.834	19.69	108.839	0.089		
9/2/12 3:00			40.828	19.689	108.851	0.101		
9/2/12 15:00			40.835	19.69	108.837	0.087		
9/3/12 3:00			40.831	19.688	108.845	0.095		
9/3/12 15:00			40.833	19.689	108.84	0.09		
9/4/12 3:00			40.829	19.693	108.85	0.1		
9/4/12 15:00			40.835	19.69	108.837	0.087		
9/5/12 3:00			40.827	19.693	108.855	0.105		
9/5/12 15:00			40.836	19.695	108.834	0.084		
9/6/12 3:00			40.829	19.694	108.85	0.1		
9/6/12 9:14							108.34	
9/6/12 15:00			40.84	19.698	108.825	0.075		

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/6/12 16:00			40.942	19.698	108.511	-0.239		Data Download- Cable adjusted
9/6/12 17:00			40.876	19.698	108.663	-0.087		
9/6/12 18:00			40.861	19.699	108.698	-0.052		
9/6/12 19:00			40.855	19.7	108.711	-0.039		
9/6/12 20:00			40.853	19.697	108.717	-0.033		
9/6/12 21:00			40.849	19.699	108.726	-0.024		
9/6/12 22:00			40.847	19.698	108.73	-0.02		End of Development
9/6/12 23:00			40.849	19.699	108.727	-0.023		
9/7/12 0:00			40.843	19.702	108.739	-0.011		
9/7/12 1:00			40.841	19.701	108.745	-0.005		
9/7/12 2:00			40.839	19.698	108.749	-0.001		
9/7/12 3:00			40.843	19.699	108.739	-0.011		
9/7/12 4:00			40.837	19.7	108.753	0.003		
9/7/12 5:00			40.836	19.696	108.757	0.007		
9/7/12 6:00			40.835	19.698	108.759	0.009		
9/7/12 7:00			40.836	19.696	108.755	0.005		
9/7/12 8:00	0	0	40.839	19.697	108.75	0		Start of APT 2
9/7/12 8:55							108.28	
9/7/12 9:00	3600	60	40.839	19.698	108.749	-0.001		
9/7/12 10:00	7200	120	40.839	19.702	108.748	-0.002		
9/7/12 11:00	10800	180	40.838	19.702	108.752	0.002		
9/7/12 12:00	14400	240	40.84	19.7	108.748	-0.002		
9/7/12 13:00	18000	300	40.844	19.7	108.738	-0.012		
9/7/12 13:00							108.27	
9/7/12 14:00	21600	360	40.842	19.7	108.741	-0.009		
9/7/12 15:00	25200	420	40.844	19.7	108.738	-0.012		
9/7/12 16:00	28800	480	40.846	19.702	108.733	-0.017		
9/7/12 17:00	32400	540	40.84	19.701	108.747	-0.003		
9/7/12 18:00	36000	600	40.841	19.702	108.745	-0.005		

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 19:00	39600	660	40.838	19.7	108.751	0.001		
9/7/12 19:40							108.29	
9/7/12 20:00	43200	720	40.841	19.701	108.744	-0.006		
9/7/12 21:00	46800	780	40.839	19.702	108.75	0		
9/7/12 22:00	50400	840	40.837	19.703	108.753	0.003		
9/7/12 23:00	54000	900	40.835	19.702	108.759	0.009		
9/8/12 0:00	57600	960	40.84	19.703	108.747	-0.003		
9/8/12 1:00	61200	1020	40.835	19.703	108.758	0.008		
9/8/12 2:00	64800	1080	40.838	19.702	108.75	0		
9/8/12 3:00	68400	1140	40.846	19.702	108.733	-0.017		
9/8/12 4:00	72000	1200	40.836	19.703	108.756	0.006		
9/8/12 5:00	75600	1260	40.827	19.701	108.778	0.028		
9/8/12 6:00	79200	1320	40.832	19.704	108.765	0.015		
9/8/12 7:00	82800	1380	40.832	19.704	108.766	0.016		
9/8/12 8:00	86400	1440	40.836	19.703	108.756	0.006		
9/8/12 9:00	90000	1500	40.84	19.701	108.747	-0.003		
9/8/12 10:00	93600	1560	40.838	19.703	108.752	0.002		
9/8/12 11:00	97200	1620	40.843	19.703	108.741	-0.009		
9/8/12 11:37							108.27	Data Download- Cable adjusted
9/8/12 12:00	100800	1680	40.936	19.704	108.525	-0.225		
9/8/12 13:00	104400	1740	40.878	19.703	108.659	-0.091		
9/8/12 14:00	108000	1800	40.87	19.701	108.677	-0.073		
9/8/12 15:00	111600	1860	40.861	19.703	108.698	-0.052		
9/8/12 16:00	115200	1920	40.864	19.703	108.69	-0.06		
9/8/12 17:00	118800	1980	40.858	19.7	108.704	-0.046		
9/8/12 18:00	122400	2040	40.856	19.705	108.71	-0.04		
9/8/12 19:00	126000	2100	40.852	19.703	108.718	-0.032		
9/8/12 20:00	129600	2160	40.851	19.703	108.722	-0.028		
9/8/12 21:00	133200	2220	40.845	19.703	108.736	-0.014		

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 22:00	136800	2280	40.847	19.705	108.732	-0.018		
9/8/12 23:00	140400	2340	40.849	19.705	108.727	-0.023		
9/9/12 0:00	144000	2400	40.845	19.703	108.735	-0.015		
9/9/12 1:00	147600	2460	40.849	19.701	108.726	-0.024		
9/9/12 2:00	151200	2520	40.845	19.701	108.734	-0.016		
9/9/12 3:00	154800	2580	40.844	19.707	108.738	-0.012		
9/9/12 4:00	158400	2640	40.849	19.703	108.725	-0.025		
9/9/12 5:00	162000	2700	40.839	19.706	108.749	-0.001		
9/9/12 6:00	165600	2760	40.842	19.706	108.742	-0.008		
9/9/12 7:00	169200	2820	40.835	19.7	108.758	0.008		
9/9/12 8:00	172800	2880	40.84	19.702	108.748	-0.002		
9/9/12 9:00	176400	2940	40.838	19.707	108.752	0.002		
9/9/12 10:00	180000	3000	40.84	19.706	108.747	-0.003		
9/9/12 11:00	183600	3060	40.842	19.705	108.742	-0.008		
9/9/12 12:00	187200	3120	40.848	19.704	108.728	-0.022		
9/9/12 13:00	190800	3180	40.849	19.704	108.726	-0.024		
9/9/12 14:00	194400	3240	40.851	19.705	108.722	-0.028		
9/9/12 15:00	198000	3300	40.846	19.705	108.733	-0.017		
9/9/12 16:00	201600	3360	40.854	19.704	108.715	-0.035		
9/9/12 17:00	205200	3420	40.849	19.705	108.726	-0.024		
9/9/12 18:00	208800	3480	40.852	19.706	108.72	-0.03		
9/9/12 19:00	212400	3540	40.847	19.706	108.73	-0.02		
9/9/12 20:00	216000	3600	40.844	19.705	108.738	-0.012		
9/9/12 21:00	219600	3660	40.837	19.707	108.753	0.003		
9/9/12 22:00	223200	3720	40.841	19.706	108.745	-0.005		
9/9/12 23:00	226800	3780	40.843	19.704	108.741	-0.009		
9/10/12 0:00	230400	3840	40.841	19.703	108.745	-0.005		
9/10/12 1:00	234000	3900	40.845	19.705	108.735	-0.015		
9/10/12 2:00	237600	3960	40.843	19.705	108.74	-0.01		
9/10/12 3:00	241200	4020	40.845	19.705	108.735	-0.015		

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MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 4:00	244800	4080	40.843	19.706	108.741	-0.009		
9/10/12 5:00	248400	4140	40.843	19.706	108.739	-0.011		
9/10/12 6:00	252000	4200	40.848	19.706	108.729	-0.021		
9/10/12 7:00	255600	4260	40.842	19.705	108.741	-0.009		
9/10/12 8:00	259200	4320	40.839	19.706	108.749	-0.001		
9/10/12 9:00	262800	4380	40.84	19.706	108.747	-0.003		
9/10/12 10:00	266400	4440	40.841	19.708	108.744	-0.006		
9/10/12 11:00	270000	4500	40.841	19.704	108.745	-0.005		
9/10/12 12:00	273600	4560	40.847	19.705	108.729	-0.021		
9/10/12 13:00	277200	4620	40.846	19.704	108.732	-0.018		
9/10/12 14:00	280800	4680	40.852	19.705	108.72	-0.03		
9/10/12 15:00	284400	4740	40.853	19.708	108.716	-0.034		
9/10/12 15:20							108.28	Data Download- Cable adjusted
9/10/12 16:00	288000	4800	40.913	19.707	108.578	-0.172		
9/10/12 17:00	291600	4860	40.88	19.708	108.655	-0.095		
9/10/12 18:00	295200	4920	40.876	19.708	108.665	-0.085		
9/10/12 19:00	298800	4980	40.869	19.709	108.68	-0.07		
9/10/12 20:00	302400	5040	40.853	19.705	108.717	-0.033		
9/10/12 21:00	306000	5100	40.851	19.706	108.721	-0.029		
9/10/12 22:00	309600	5160	40.847	19.707	108.731	-0.019		
9/10/12 23:00	313200	5220	40.849	19.707	108.726	-0.024		
9/11/12 0:00	316800	5280	40.85	19.709	108.723	-0.027		
9/11/12 1:00	320400	5340	40.85	19.709	108.723	-0.027		
9/11/12 2:00	324000	5400	40.845	19.707	108.735	-0.015		
9/11/12 3:00	327600	5460	40.846	19.709	108.732	-0.018		
9/11/12 4:00	331200	5520	40.849	19.709	108.725	-0.025		
9/11/12 5:00	334800	5580	40.844	19.708	108.737	-0.013		
9/11/12 6:00	338400	5640	40.843	19.707	108.74	-0.01		
9/11/12 7:00	342000	5700	40.844	19.707	108.736	-0.014		

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 8:00	345600	5760	40.839	19.708	108.75	0		
9/11/12 9:00	349200	5820	40.841	19.706	108.744	-0.006		
9/11/12 10:00	352800	5880	40.843	19.708	108.74	-0.01		
9/11/12 11:00	356400	5940	40.843	19.711	108.739	-0.011		
9/11/12 12:00	360000	6000	40.847	19.708	108.73	-0.02		
9/11/12 13:00	363600	6060	40.848	19.707	108.728	-0.022		
9/11/12 13:10							108.30	Data Download- Cable adjusted
9/11/12 14:00	367200	6120	40.852	19.706	108.72	-0.03		
9/11/12 15:00	370800	6180	40.847	19.71	108.732	-0.018		
9/11/12 16:00	374400	6240	40.853	19.704	108.718	-0.032		
9/11/12 17:00	378000	6300	40.847	19.709	108.73	-0.02		
9/11/12 18:00	381600	6360	40.848	19.708	108.727	-0.023		
9/11/12 19:00	385200	6420	40.844	19.708	108.738	-0.012		
9/11/12 20:00	388800	6480	40.845	19.707	108.736	-0.014		
9/11/12 21:00	392400	6540	40.838	19.708	108.751	0.001		
9/11/12 22:00	396000	6600	40.837	19.71	108.753	0.003		
9/11/12 23:00	399600	6660	40.841	19.713	108.745	-0.005		
9/12/12 0:00	403200	6720	40.846	19.71	108.734	-0.016		
9/12/12 1:00	406800	6780	40.844	19.709	108.737	-0.013		
9/12/12 2:00	410400	6840	40.845	19.709	108.736	-0.014		
9/12/12 3:00	414000	6900	40.845	19.709	108.736	-0.014		
9/12/12 4:00	417600	6960	40.841	19.706	108.745	-0.005		
9/12/12 5:00	421200	7020	40.845	19.709	108.735	-0.015		
9/12/12 6:00	424800	7080	40.836	19.711	108.755	0.005		
9/12/12 7:00	428400	7140	40.834	19.709	108.76	0.01		
9/12/12 8:00	432000	7200	40.838	19.709	108.75	0		
9/12/12 9:00	435600	7260	40.84	19.709	108.747	-0.003		
9/12/12 10:00	439200	7320	40.842	19.709	108.742	-0.008		
9/12/12 11:00	442800	7380	40.841	19.708	108.744	-0.006		

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 12:00	446400	7440	40.845	19.71	108.734	-0.016		
9/12/12 13:00	450000	7500	40.846	19.712	108.732	-0.018		
9/12/12 14:00	453600	7560	40.849	19.708	108.726	-0.024		
9/12/12 15:00	457200	7620	40.851	19.712	108.721	-0.029		
9/12/12 16:00	460800	7680	40.854	19.711	108.714	-0.036		
9/12/12 17:00	464400	7740	40.852	19.71	108.718	-0.032		
9/12/12 18:00	468000	7800	40.849	19.711	108.726	-0.024		
9/12/12 19:00	471600	7860	40.847	19.71	108.731	-0.019		
9/12/12 20:00	475200	7920	40.842	19.711	108.742	-0.008		
9/12/12 21:00	478800	7980	40.839	19.709	108.748	-0.002		
9/12/12 22:00	482400	8040	40.838	19.709	108.751	0.001		
9/12/12 23:00	486000	8100	40.841	19.709	108.745	-0.005		
9/13/12 0:00	489600	8160	40.841	19.712	108.743	-0.007		
9/13/12 1:00	493200	8220	40.842	19.712	108.743	-0.007		
9/13/12 2:00	496800	8280	40.843	19.708	108.74	-0.01		
9/13/12 3:00	500400	8340	40.854	19.711	108.714	-0.036		
9/13/12 4:00	504000	8400	40.844	19.712	108.737	-0.013		
9/13/12 5:00	507600	8460	40.837	19.709	108.755	0.005		
9/13/12 6:00	511200	8520	40.839	19.71	108.749	-0.001		
9/13/12 7:00	514800	8580	40.838	19.708	108.752	0.002		
9/13/12 8:00	518400	8640	40.838	19.709	108.752	0.002		
9/13/12 9:00	522000	8700	40.836	19.713	108.755	0.005		
9/13/12 10:00	525600	8760	40.838	19.708	108.751	0.001		
9/13/12 11:00	529200	8820	40.834	19.714	108.761	0.011		
9/13/12 12:00	532800	8880	40.843	19.71	108.74	-0.01		
9/13/12 13:00	536400	8940	40.843	19.71	108.741	-0.009		
9/13/12 14:00	540000	9000	40.846	19.71	108.733	-0.017		
9/13/12 15:00	543600	9060	40.853	19.713	108.717	-0.033		
9/13/12 16:00	547200	9120	40.848	19.713	108.729	-0.021		
9/13/12 17:00	550800	9180	40.849	19.714	108.727	-0.023		

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 18:00	554400	9240	40.848	19.711	108.728	-0.022		
9/13/12 19:00	558000	9300	40.849	19.713	108.726	-0.024		
9/13/12 20:00	561600	9360	40.843	19.712	108.739	-0.011		
9/13/12 21:00	565200	9420	40.838	19.709	108.751	0.001		
9/13/12 22:00	568800	9480	40.837	19.711	108.753	0.003		
9/13/12 23:00	572400	9540	40.843	19.711	108.74	-0.01		
9/14/12 0:00	576000	9600	40.845	19.712	108.735	-0.015		
9/14/12 1:00	579600	9660	40.84	19.714	108.747	-0.003		
9/14/12 2:00	583200	9720	40.847	19.711	108.729	-0.021		
9/14/12 3:00	586800	9780	40.842	19.715	108.741	-0.009		
9/14/12 4:00	590400	9840	40.844	19.713	108.736	-0.014		
9/14/12 5:00	594000	9900	40.841	19.712	108.744	-0.006		
9/14/12 6:00	597600	9960	40.846	19.711	108.732	-0.018		
9/14/12 7:00	601200	10020	40.843	19.712	108.741	-0.009		
9/14/12 8:00	604800	10080	40.84	19.713	108.748	-0.002		
9/14/12 9:00	608400	10140	40.838	19.714	108.751	0.001		
9/14/12 10:00	612000	10200	40.837	19.713	108.753	0.003		
9/14/12 11:00	615600	10260	40.839	19.715	108.748	-0.002		
9/14/12 12:00	619200	10320	40.841	19.713	108.745	-0.005		
9/14/12 13:00	622800	10380	40.837	19.713	108.754	0.004		
9/14/12 14:00	626400	10440	40.848	19.713	108.729	-0.021		
9/14/12 15:00	630000	10500	40.849	19.714	108.725	-0.025		
9/14/12 16:00	633600	10560	40.852	19.713	108.718	-0.032		
9/14/12 17:00	637200	10620	40.851	19.714	108.721	-0.029		
9/14/12 18:00	640800	10680	40.853	19.709	108.717	-0.033		
9/14/12 19:00	644400	10740	40.85	19.715	108.723	-0.027		
9/14/12 20:00	648000	10800	40.844	19.713	108.738	-0.012		
9/14/12 21:00	651600	10860	40.84	19.714	108.748	-0.002		
9/14/12 22:00	655200	10920	40.841	19.713	108.745	-0.005		
9/14/12 23:00	658800	10980	40.842	19.717	108.742	-0.008		

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 0:00	662400	11040	40.839	19.715	108.748	-0.002		
9/15/12 1:00	666000	11100	40.838	19.713	108.751	0.001		
9/15/12 2:00	669600	11160	40.843	19.713	108.74	-0.01		
9/15/12 3:00	673200	11220	40.847	19.713	108.73	-0.02		
9/15/12 4:00	676800	11280	40.848	19.715	108.729	-0.021		
9/15/12 5:00	680400	11340	40.849	19.714	108.725	-0.025		
9/15/12 6:00	684000	11400	40.845	19.715	108.735	-0.015		
9/15/12 7:00	687600	11460	40.844	19.714	108.738	-0.012		
9/15/12 8:00	691200	11520	40.843	19.715	108.739	-0.011		
9/15/12 9:00	694800	11580	40.839	19.716	108.748	-0.002		
9/15/12 10:00	698400	11640	40.845	19.714	108.736	-0.014		
9/15/12 11:00	702000	11700	40.84	19.715	108.746	-0.004		
9/15/12 12:00	705600	11760	40.852	19.715	108.718	-0.032		
9/15/12 13:00	709200	11820	40.847	19.715	108.729	-0.021		
9/15/12 14:00	712800	11880	40.848	19.715	108.728	-0.022		
9/15/12 15:00	716400	11940	40.852	19.715	108.72	-0.03		
9/15/12 16:00	720000	12000	40.853	19.713	108.716	-0.034		
9/15/12 17:00	723600	12060	40.849	19.717	108.725	-0.025		
9/15/12 18:00	727200	12120	40.854	19.715	108.715	-0.035		
9/15/12 19:00	730800	12180	40.85	19.715	108.723	-0.027		
9/15/12 20:00	734400	12240	40.845	19.718	108.734	-0.016		
9/15/12 21:00	738000	12300	40.852	19.716	108.718	-0.032		
9/15/12 22:00	741600	12360	40.844	19.716	108.736	-0.014		
9/15/12 23:00	745200	12420	40.836	19.715	108.755	0.005		
9/16/12 0:00	748800	12480	40.842	19.715	108.742	-0.008		
9/16/12 1:00	752400	12540	40.84	19.716	108.746	-0.004		
9/16/12 2:00	756000	12600	40.838	19.716	108.752	0.002		
9/16/12 3:00	759600	12660	40.85	19.716	108.724	-0.026		
9/16/12 4:00	763200	12720	40.85	19.715	108.723	-0.027		
9/16/12 5:00	766800	12780	40.849	19.717	108.727	-0.023		

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 6:00	770400	12840	40.846	19.715	108.733	-0.017		
9/16/12 7:00	774000	12900	40.844	19.717	108.736	-0.014		
9/16/12 8:00	777600	12960	40.845	19.716	108.736	-0.014		
9/16/12 9:00	781200	13020	40.848	19.717	108.727	-0.023		
9/16/12 10:00	784800	13080	40.845	19.716	108.734	-0.016		
9/16/12 11:00	788400	13140	40.845	19.716	108.734	-0.016		
9/16/12 12:00	792000	13200	40.849	19.714	108.727	-0.023		
9/16/12 13:00	795600	13260	40.852	19.717	108.72	-0.03		
9/16/12 14:00	799200	13320	40.85	19.715	108.724	-0.026		
9/16/12 15:00	802800	13380	40.851	19.715	108.721	-0.029		
9/16/12 16:00	806400	13440	40.846	19.716	108.732	-0.018		
9/16/12 17:00	810000	13500	40.851	19.715	108.721	-0.029		
9/16/12 18:00	813600	13560	40.852	19.718	108.718	-0.032		
9/16/12 19:00	817200	13620	40.85	19.717	108.723	-0.027		
9/16/12 20:00	820800	13680	40.851	19.716	108.722	-0.028		
9/16/12 21:00	824400	13740	40.847	19.717	108.732	-0.018		
9/16/12 22:00	828000	13800	40.848	19.719	108.729	-0.021		
9/16/12 23:00	831600	13860	40.842	19.717	108.741	-0.009		
9/17/12 0:00	835200	13920	40.841	19.719	108.745	-0.005		
9/17/12 1:00	838800	13980	40.842	19.719	108.743	-0.007		
9/17/12 2:00	842400	14040	40.85	19.716	108.723	-0.027		
9/17/12 3:00	846000	14100	40.843	19.716	108.74	-0.01		
9/17/12 4:00	849600	14160	40.844	19.716	108.736	-0.014		
9/17/12 5:00	853200	14220	40.849	19.716	108.726	-0.024		
9/17/12 6:00	856800	14280	40.852	19.716	108.719	-0.031		
9/17/12 7:00	860400	14340	40.843	19.716	108.74	-0.01		
9/17/12 8:00	864000	14400	40.849	19.718	108.725	-0.025		
9/17/12 9:00	867600	14460	40.842	19.719	108.742	-0.008		
9/17/12 10:00	871200	14520	40.846	19.719	108.732	-0.018		
9/17/12 11:00	874800	14580	40.84	19.717	108.746	-0.004		

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 12:00	878400	14640	40.846	19.719	108.733	-0.017		
9/17/12 13:00	882000	14700	40.845	19.717	108.736	-0.014		
9/17/12 13:50							108.29	
9/17/12 14:00	885600	14760	40.852	19.717	108.719	-0.031		
9/17/12 15:00	889200	14820	40.848	19.718	108.727	-0.023		
9/17/12 16:00	892800	14880	40.851	19.72	108.721	-0.029		
9/17/12 17:00	896400	14940	40.854	19.716	108.715	-0.035		
9/17/12 18:00	900000	15000	40.852	19.715	108.718	-0.032		
9/17/12 19:00	903600	15060	40.852	19.717	108.719	-0.031		
9/17/12 20:00	907200	15120	40.847	19.718	108.732	-0.018		
9/17/12 21:00	910800	15180	40.846	19.719	108.733	-0.017		
9/17/12 22:00	914400	15240	40.846	19.72	108.732	-0.018		
9/17/12 23:00	918000	15300	40.84	19.719	108.746	-0.004		
9/18/12 0:00	921600	15360	40.843	19.718	108.739	-0.011		
9/18/12 1:00	925200	15420	40.85	19.721	108.724	-0.026		
9/18/12 2:00	928800	15480	40.838	19.72	108.752	0.002		
9/18/12 3:00	932400	15540	40.844	19.717	108.738	-0.012		
9/18/12 4:00	936000	15600	40.843	19.72	108.74	-0.01		
9/18/12 5:00	939600	15660	40.839	19.718	108.749	-0.001		
9/18/12 6:00	943200	15720	40.847	19.718	108.73	-0.02		
9/18/12 7:00	946800	15780	40.856	19.718	108.71	-0.04		
9/18/12 8:00	950400	15840	40.841	19.719	108.745	-0.005		
9/18/12 9:00	954000	15900	40.845	19.717	108.736	-0.014		
9/18/12 10:00	957600	15960	40.839	19.719	108.749	-0.001		
9/18/12 11:00	961200	16020	40.842	19.72	108.743	-0.007		
9/18/12 12:00	964800	16080	40.844	19.722	108.738	-0.012		
9/18/12 13:00	968400	16140	40.849	19.72	108.727	-0.023		
9/18/12 14:00	972000	16200	40.847	19.718	108.731	-0.019		
9/18/12 15:00	975600	16260	40.858	19.722	108.704	-0.046		
9/18/12 16:00	979200	16320	40.852	19.72	108.719	-0.031		

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 17:00	982800	16380	40.845	19.721	108.734	-0.016		
9/18/12 18:00	986400	16440	40.851	19.721	108.722	-0.028		
9/18/12 19:00	990000	16500	40.847	19.721	108.731	-0.019		
9/18/12 20:00	993600	16560	40.848	19.717	108.728	-0.022		
9/18/12 21:00	997200	16620	40.845	19.718	108.735	-0.015		
9/18/12 22:00	1000800	16680	40.855	19.722	108.713	-0.037		
9/18/12 23:00	1004400	16740	40.841	19.719	108.744	-0.006		
9/19/12 0:00	1008000	16800	40.839	19.722	108.749	-0.001		
9/19/12 1:00	1011600	16860	40.841	19.72	108.745	-0.005		
9/19/12 2:00	1015200	16920	40.843	19.723	108.739	-0.011		
9/19/12 3:00	1018800	16980	40.839	19.723	108.749	-0.001		
9/19/12 4:00	1022400	17040	40.842	19.723	108.743	-0.007		
9/19/12 5:00	1026000	17100	40.844	19.724	108.737	-0.013		
9/19/12 6:00	1029600	17160	40.846	19.72	108.733	-0.017		
9/19/12 7:00	1033200	17220	40.838	19.721	108.75	0		
9/19/12 8:00	1036800	17280	40.844	19.722	108.737	-0.013		
9/19/12 9:00	1040400	17340	40.842	19.722	108.743	-0.007		
9/19/12 10:00	1044000	17400	40.845	19.722	108.734	-0.016		
9/19/12 11:00	1047600	17460	40.845	19.721	108.735	-0.015		
9/19/12 12:00	1051200	17520	40.843	19.723	108.739	-0.011		
9/19/12 13:00	1054800	17580	40.85	19.72	108.723	-0.027		
9/19/12 14:00	1058400	17640	40.85	19.721	108.724	-0.026		
9/19/12 14:05							108.30	
9/19/12 15:00	1062000	17700	40.85	19.722	108.724	-0.026		
9/19/12 16:00	1065600	17760	40.849	19.723	108.727	-0.023		
9/19/12 17:00	1069200	17820	40.845	19.725	108.735	-0.015		
9/19/12 18:00	1072800	17880	40.851	19.723	108.722	-0.028		
9/19/12 19:00	1076400	17940	40.85	19.721	108.724	-0.026		
9/19/12 20:00	1080000	18000	40.843	19.723	108.741	-0.009		
9/19/12 21:00	1083600	18060	40.838	19.722	108.751	0.001		

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 22:00	1087200	18120	40.844	19.724	108.738	-0.012		
9/19/12 23:00	1090800	18180	40.842	19.725	108.742	-0.008		
9/20/12 0:00	1094400	18240	40.844	19.723	108.738	-0.012		
9/20/12 1:00	1098000	18300	40.837	19.722	108.755	0.005		
9/20/12 2:00	1101600	18360	40.842	19.724	108.742	-0.008		
9/20/12 3:00	1105200	18420	40.847	19.72	108.729	-0.021		
9/20/12 4:00	1108800	18480	40.843	19.726	108.739	-0.011		
9/20/12 5:00	1112400	18540	40.843	19.722	108.739	-0.011		
9/20/12 6:00	1116000	18600	40.845	19.724	108.736	-0.014		
9/20/12 7:00	1119600	18660	40.855	19.723	108.711	-0.039		
9/20/12 8:00	1123200	18720	40.843	19.726	108.739	-0.011		
9/20/12 9:00	1126800	18780	40.856	19.724	108.71	-0.04		
9/20/12 10:00	1130400	18840	40.847	19.723	108.729	-0.021		
9/20/12 11:00	1134000	18900	40.846	19.724	108.732	-0.018		
9/20/12 12:00	1137600	18960	40.849	19.725	108.725	-0.025		
9/20/12 13:00	1141200	19020	40.846	19.727	108.733	-0.017		
9/20/12 14:00	1144800	19080	40.852	19.723	108.718	-0.032		
9/20/12 15:00	1148400	19140	40.861	19.722	108.699	-0.051		
9/20/12 16:00	1152000	19200	40.853	19.724	108.718	-0.032		
9/20/12 17:00	1155600	19260	40.845	19.725	108.736	-0.014		
9/20/12 18:00	1159200	19320	40.849	19.724	108.725	-0.025		
9/20/12 19:00	1162800	19380	40.847	19.724	108.731	-0.019		
9/20/12 20:00	1166400	19440	40.85	19.725	108.724	-0.026		
9/20/12 21:00	1170000	19500	40.845	19.724	108.736	-0.014		
9/20/12 22:00	1173600	19560	40.845	19.722	108.736	-0.014		
9/20/12 23:00	1177200	19620	40.842	19.727	108.743	-0.007		
9/21/12 0:00	1180800	19680	40.85	19.723	108.723	-0.027		
9/21/12 1:00	1184400	19740	40.841	19.725	108.743	-0.007		
9/21/12 2:00	1188000	19800	40.843	19.725	108.739	-0.011		
9/21/12 3:00	1191600	19860	40.852	19.725	108.718	-0.032		

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 4:00	1195200	19920	40.841	19.728	108.745	-0.005		
9/21/12 5:00	1198800	19980	40.843	19.727	108.739	-0.011		
9/21/12 6:00	1202400	20040	40.84	19.724	108.746	-0.004		
9/21/12 7:00	1206000	20100	40.841	19.726	108.744	-0.006		
9/21/12 8:00	1209600	20160	40.84	19.726	108.746	-0.004		End of APT 2
9/21/12 9:00	1213200	20220	40.844	19.727	108.738	-0.012		
9/21/12 10:00	1216800	20280	40.846	19.727	108.734	-0.016		
9/21/12 10:10							108.33	Data Download- Cable adjusted
9/21/12 11:00	1220400	20340	40.884	19.727	108.646	-0.104		
9/21/12 12:00	1224000	20400	40.866	19.725	108.687	-0.063		
9/21/12 13:00	1227600	20460	40.859	19.725	108.703	-0.047		
9/21/12 14:00	1231200	20520	40.857	19.725	108.708	-0.042		
9/21/12 15:00	1234800	20580	40.858	19.729	108.704	-0.046		
9/21/12 16:00	1238400	20640	40.853	19.723	108.718	-0.032		
9/21/12 17:00	1242000	20700	40.852	19.727	108.72	-0.03		
9/21/12 18:00	1245600	20760	40.844	19.727	108.736	-0.014		
9/21/12 19:00	1249200	20820	40.844	19.729	108.737	-0.013		
9/21/12 20:00	1252800	20880	40.846	19.727	108.733	-0.017		
9/21/12 21:00	1256400	20940	40.846	19.728	108.732	-0.018		
9/21/12 22:00	1260000	21000	40.844	19.724	108.737	-0.013		
9/21/12 23:00	1263600	21060	40.848	19.728	108.727	-0.023		
9/22/12 0:00	1267200	21120	40.84	19.725	108.748	-0.002		
9/22/12 1:00	1270800	21180	40.841	19.727	108.745	-0.005		
9/22/12 2:00	1274400	21240	40.836	19.728	108.755	0.005		
9/22/12 3:00	1278000	21300	40.84	19.729	108.746	-0.004		
9/22/12 4:00	1281600	21360	40.842	19.727	108.742	-0.008		
9/22/12 5:00	1285200	21420	40.85	19.725	108.723	-0.027		
9/22/12 6:00	1288800	21480	40.838	19.725	108.75	0		
9/22/12 7:00	1292400	21540	40.838	19.729	108.75	0		

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 8:00	1296000	21600	40.838	19.73	108.752	0.002		
9/22/12 9:00	1299600	21660	40.842	19.73	108.742	-0.008		
9/22/12 10:00	1303200	21720	40.842	19.729	108.743	-0.007		
9/22/12 11:00	1306800	21780	40.844	19.73	108.738	-0.012		
9/22/12 12:00	1310400	21840	40.841	19.73	108.744	-0.006		
9/22/12 13:00	1314000	21900	40.847	19.73	108.732	-0.018		
9/22/12 14:00	1317600	21960	40.849	19.729	108.725	-0.025		
9/22/12 15:00	1321200	22020	40.861	19.727	108.699	-0.051		
9/22/12 16:00	1324800	22080	40.847	19.73	108.731	-0.019		
9/22/12 17:00	1328400	22140	40.848	19.73	108.727	-0.023		
9/22/12 18:00	1332000	22200	40.845	19.728	108.735	-0.015		
9/22/12 19:00	1335600	22260	40.843	19.729	108.739	-0.011		
9/22/12 20:00	1339200	22320	40.855	19.731	108.712	-0.038		
9/22/12 21:00	1342800	22380	40.844	19.729	108.737	-0.013		
9/22/12 22:00	1346400	22440	40.846	19.732	108.733	-0.017		
9/22/12 23:00	1350000	22500	40.852	19.731	108.718	-0.032		
9/23/12 0:00	1353600	22560	40.843	19.729	108.739	-0.011		
9/23/12 1:00	1357200	22620	40.852	19.73	108.719	-0.031		
9/23/12 2:00	1360800	22680	40.841	19.734	108.745	-0.005		
9/23/12 3:00	1364400	22740	40.846	19.731	108.732	-0.018		
9/23/12 4:00	1368000	22800	40.844	19.731	108.737	-0.013		
9/23/12 5:00	1371600	22860	40.842	19.732	108.743	-0.007		
9/23/12 6:00	1375200	22920	40.852	19.731	108.718	-0.032		
9/23/12 7:00	1378800	22980	40.849	19.73	108.727	-0.023		
9/23/12 8:00	1382400	23040	40.837	19.732	108.754	0.004		
9/23/12 9:00	1386000	23100	40.846	19.73	108.733	-0.017		
9/23/12 10:00	1389600	23160	40.841	19.731	108.745	-0.005		
9/23/12 11:00	1393200	23220	40.853	19.728	108.716	-0.034		

Table F-7

MW-1 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 12:00	1396800	23280	40.841	19.732	108.745	-0.005		
9/23/12 13:00	1400400	23340	40.845	19.733	108.735	-0.015		
9/23/12 14:00	1404000	23400	40.848	19.731	108.727	-0.023		
9/23/12 15:00	1407600	23460	40.846	19.732	108.733	-0.017		
9/23/12 16:00	1411200	23520	40.848	19.73	108.727	-0.023		
9/23/12 17:00	1414800	23580	40.86	19.734	108.701	-0.049		
9/23/12 18:00	1418400	23640	40.859	19.731	108.704	-0.046		
9/23/12 19:00	1422000	23700	40.856	19.733	108.71	-0.04		
9/23/12 20:00	1425600	23760	40.846	19.732	108.732	-0.018		
9/23/12 21:00	1429200	23820	40.845	19.732	108.735	-0.015		
9/23/12 22:00	1432800	23880	40.847	19.732	108.73	-0.02		
9/23/12 23:00	1436400	23940	40.856	19.731	108.71	-0.04		
9/24/12 0:00	1440000	24000	40.848	19.735	108.729	-0.021		
9/24/12 1:00	1443600	24060	40.841	19.733	108.744	-0.006		
9/24/12 2:00	1447200	24120	40.845	19.733	108.734	-0.016		
9/24/12 3:00	1450800	24180	40.853	19.734	108.717	-0.033		
9/24/12 4:00	1454400	24240	40.848	19.733	108.728	-0.022		
9/24/12 5:00	1458000	24300	40.841	19.734	108.745	-0.005		
9/24/12 6:00	1461600	24360	40.848	19.739	108.728	-0.022		
9/24/12 7:00	1465200	24420	40.857	19.735	108.707	-0.043		
9/24/12 8:00	1468800	24480	40.846	19.736	108.733	-0.017		
9/24/12 9:00	1472400	24540	40.847	19.737	108.732	-0.018		
9/24/12 10:00	1476000	24600	40.843	19.738	108.741	-0.009		
9/24/12 11:00	1479600	24660	40.851	19.734	108.721	-0.029		
9/24/12 12:00	1483200	24720	40.851	19.738	108.721	-0.029		
9/24/12 13:00	1486800	24780	40.851	19.735	108.722	-0.028		
9/24/12 14:00	1490400	24840	40.855	19.735	108.712	-0.038		
Notes:								
PSI: Pounds per square inch			ft btoc: feet below top of casing					
C: Degrees Celcius			gpm: gallons per minute					

Table F-8
MW-6 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/22/12 16:00			31.26	20.557	130.84	-0.038		
8/22/12 17:00			31.237	19.437	130.894	0.016		Development- 3B
8/22/12 18:00			31.231	19.421	130.909	0.031		
8/22/12 19:00			31.229	19.419	130.912	0.034		
8/22/12 20:00			31.229	19.415	130.912	0.034		
8/22/12 21:00			31.224	19.416	130.923	0.045		
8/22/12 22:00			31.227	19.417	130.918	0.04		
8/22/12 23:00			31.224	19.414	130.924	0.046		
8/23/12 0:00			31.227	19.416	130.916	0.038		
8/23/12 1:00			31.226	19.419	130.919	0.041		
8/23/12 2:00			31.22	19.417	130.934	0.056		
8/23/12 3:00			31.226	19.415	130.92	0.042		
8/23/12 4:00			31.221	19.415	130.931	0.053		
8/23/12 5:00			31.219	19.415	130.936	0.058		
8/23/12 6:00			31.221	19.414	130.93	0.052		
8/23/12 7:00			31.222	19.418	130.929	0.051		
8/23/12 8:00			31.217	19.416	130.939	0.061		
8/23/12 9:00			31.217	19.414	130.94	0.062		
8/23/12 10:00			31.224	19.413	130.923	0.045		
8/23/12 11:00			31.22	19.413	130.933	0.055		
8/23/12 12:00			31.223	19.414	130.925	0.047		
8/23/12 13:00			31.232	19.416	130.905	0.027		
8/23/12 14:00			31.227	19.415	130.917	0.039		
8/23/12 15:00			31.232	19.415	130.905	0.027		
8/23/12 16:00			31.228	19.414	130.915	0.037		
8/23/12 17:00			31.225	19.416	130.921	0.043		
8/23/12 18:00			31.231	19.413	130.908	0.03		
8/23/12 19:00			31.224	19.415	130.923	0.045		
8/23/12 20:00			31.221	19.415	130.931	0.053		
8/23/12 21:00			31.225	19.416	130.921	0.043		
8/23/12 22:00			31.22	19.414	130.934	0.056		
8/23/12 23:00			31.226	19.414	130.92	0.042		
8/24/12 0:00			31.221	19.415	130.931	0.053		
8/24/12 1:00			31.228	19.417	130.915	0.037		

Table F-8
 MW-6 Water Level Data
 Long Term Aquifer Performance Test 2
 BrightSource Energy
 Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/24/12 2:00			31.226	19.415	130.918	0.04		
8/24/12 3:00			31.222	19.414	130.928	0.05		
8/24/12 4:00			31.219	19.412	130.935	0.057		
8/24/12 5:00			31.225	19.417	130.92	0.042		
8/24/12 6:00			31.224	19.416	130.923	0.045		
8/24/12 7:00			31.221	19.415	130.93	0.052		
8/24/12 8:00			31.223	19.414	130.926	0.048		
8/24/12 8:40							130.65	
8/24/12 9:00			31.225	19.416	130.94	0.062		
8/24/12 10:00			31.217	19.414	130.916	0.038		
8/24/12 11:00			31.228	19.419	130.922	0.044		
8/24/12 12:00			31.225	19.416	130.917	0.039		
8/24/12 13:00			31.227	19.417	130.84	-0.038		
8/24/12 14:24			31.296	19.396	130.769	-0.109		Reprogrammed & Depth Reset
8/24/12 15:24			31.292	19.375	130.78	-0.098		
8/24/12 16:24			31.286	19.371	130.792	-0.086		
8/24/12 17:24			31.279	19.366	130.808	-0.07		
8/24/12 18:24			31.28	19.367	130.805	-0.073		
8/24/12 19:24			31.274	19.365	130.82	-0.058		
8/24/12 20:24			31.273	19.368	130.824	-0.054		
8/24/12 21:24			31.273	19.366	130.822	-0.056		
8/24/12 22:24			31.27	19.365	130.831	-0.047		
8/24/12 23:24			31.276	19.367	130.816	-0.062		
8/25/12 0:24			31.274	19.369	130.821	-0.057		
8/25/12 1:24			31.27	19.366	130.83	-0.048		
8/25/12 2:24			31.269	19.367	130.833	-0.045		
8/25/12 3:24			31.267	19.364	130.837	-0.041		
8/25/12 4:24			31.266	19.363	130.838	-0.04		
8/25/12 5:24			31.268	19.364	130.834	-0.044		
8/25/12 6:24			31.26	19.368	130.853	-0.025		
8/25/12 7:24			31.263	19.364	130.847	-0.031		
8/25/12 8:24			31.265	19.366	130.842	-0.036		
8/25/12 9:24			31.265	19.367	130.841	-0.037		
8/25/12 10:24			31.264	19.366	130.843	-0.035		

Table F-8
MW-6 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/25/12 11:24			31.269	19.365	130.833	-0.045		
8/25/12 12:24			31.268	19.365	130.834	-0.044		
8/25/12 13:24			31.273	19.366	130.823	-0.055		
8/25/12 14:24			31.273	19.365	130.823	-0.055		
8/25/12 15:24			31.274	19.366	130.821	-0.057		
8/25/12 16:24			31.27	19.363	130.83	-0.048		
8/25/12 17:24			31.26	19.366	130.853	-0.025		
8/25/12 18:24			31.268	19.368	130.834	-0.044		
8/25/12 19:24			31.267	19.367	130.836	-0.042		
8/25/12 20:24			31.262	19.367	130.849	-0.029		
8/25/12 21:24			31.261	19.364	130.85	-0.028		
8/25/12 22:24			31.263	19.364	130.845	-0.033		
8/25/12 23:24			31.253	19.363	130.868	-0.01		
8/26/12 0:24			31.258	19.366	130.858	-0.02		
8/26/12 1:24			31.263	19.364	130.847	-0.031		
8/26/12 2:24			31.259	19.364	130.856	-0.022		
8/26/12 3:24			31.261	19.367	130.851	-0.027		
8/26/12 4:24			31.257	19.364	130.86	-0.018		
8/26/12 5:24			31.254	19.365	130.867	-0.011		
8/26/12 6:24			31.255	19.364	130.864	-0.014		
8/26/12 7:24			31.259	19.366	130.854	-0.024		
8/26/12 8:24			31.258	19.368	130.858	-0.02		
8/26/12 9:24			31.257	19.367	130.86	-0.018		
8/26/12 10:24			31.26	19.365	130.852	-0.026		
8/26/12 11:24			31.257	19.367	130.859	-0.019		
8/26/12 12:24			31.26	19.367	130.853	-0.025		
8/26/12 13:24			31.264	19.366	130.845	-0.033		
8/26/12 14:24			31.266	19.365	130.84	-0.038		
8/26/12 15:24			31.272	19.365	130.826	-0.052		
8/26/12 16:24			31.267	19.365	130.837	-0.041		
8/26/12 17:24			31.264	19.367	130.843	-0.035		
8/26/12 18:24			31.263	19.364	130.845	-0.033		
8/26/12 19:24			31.263	19.367	130.845	-0.033		
8/26/12 20:24			31.251	19.366	130.874	-0.004		

Table F-8
 MW-6 Water Level Data
 Long Term Aquifer Performance Test 2
 BrightSource Energy
 Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/26/12 21:24			31.251	19.366	130.873	-0.005		
8/26/12 22:24			31.257	19.365	130.859	-0.019		
8/26/12 23:24			31.255	19.364	130.864	-0.014		
8/27/12 0:24			31.26	19.365	130.853	-0.025		
8/27/12 1:24			31.262	19.365	130.848	-0.03		
8/27/12 2:24			31.253	19.367	130.869	-0.009		
8/27/12 3:24			31.259	19.365	130.854	-0.024		
8/27/12 4:24			31.257	19.365	130.859	-0.019		
8/27/12 5:24			31.256	19.364	130.863	-0.015		
8/27/12 6:24			31.253	19.366	130.868	-0.01		
8/27/12 7:24			31.256	19.364	130.862	-0.016		
8/27/12 8:24			31.255	19.368	130.864	-0.014		
8/27/12 9:24			31.253	19.365	130.869	-0.009		
8/27/12 10:24			31.255	19.366	130.864	-0.014		
8/27/12 11:24			31.262	19.366	130.848	-0.03		
8/27/12 12:24			31.262	19.365	130.848	-0.03		
8/27/12 13:24			31.256	19.367	130.861	-0.017		
8/27/12 14:24			31.265	19.365	130.84	-0.038		
8/27/12 15:24			31.263	19.365	130.845	-0.033		
8/27/12 15:55							130.60	
8/27/12 16:00			31.315	19.367	130.584	-0.294		
8/28/12 4:00			31.259	19.366	130.716	-0.162		
8/28/12 8:25							130.65	
8/28/12 16:00			31.271	19.364	130.686	-0.192		
8/28/12 16:15							130.60	
8/29/12 4:00			31.267	19.365	130.697	-0.181		
8/29/12 8:35							130.63	
8/29/12 16:00			31.263	19.367	130.706	-0.172		
8/29/12 16:23							130.61	
8/30/12 4:00			31.262	19.366	130.708	-0.17		
8/30/12 8:25							130.86	
8/30/12 16:00			31.263	19.368	130.705	-0.173		
8/31/12 4:00			31.263	19.367	130.704	-0.174		
8/31/12 16:00			31.268	19.366	130.693	-0.185		

Table F-8
MW-6 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/1/12 4:00			31.263	19.368	130.704	-0.174		
9/1/12 16:00			31.265	19.369	130.7	-0.178		
9/2/12 4:00			31.265	19.368	130.702	-0.176		
9/2/12 16:00			31.267	19.368	130.697	-0.181		
9/3/12 4:00			31.261	19.369	130.71	-0.168		
9/3/12 16:00			31.264	19.368	130.703	-0.175		
9/4/12 4:00			31.257	19.367	130.718	-0.16		
9/4/12 16:00			31.268	19.369	130.693	-0.185		
9/4/12 16:15							130.62	
9/5/12 4:00			31.259	19.367	130.715	-0.163		
9/5/12 8:30							130.63	
9/5/12 15:30							130.62	
9/5/12 16:00			31.321	19.37	130.72	-0.158		
9/5/12 17:00			31.285	19.369	130.804	-0.074		
9/5/12 18:00			31.278	19.371	130.821	-0.057		
9/5/12 19:00			31.269	19.369	130.842	-0.036		
9/5/12 20:00			31.263	19.368	130.854	-0.024		
9/5/12 21:00			31.27	19.37	130.839	-0.039		
9/5/12 22:00			31.264	19.369	130.854	-0.024		
9/5/12 23:00			31.265	19.368	130.85	-0.028		
9/6/12 0:00			31.262	19.367	130.856	-0.022		
9/6/12 1:00			31.261	19.368	130.859	-0.019		
9/6/12 2:00			31.261	19.37	130.859	-0.019		
9/6/12 3:00			31.258	19.371	130.867	-0.011		
9/6/12 4:00			31.258	19.37	130.867	-0.011		
9/6/12 5:00			31.262	19.369	130.858	-0.02		
9/6/12 6:00			31.256	19.371	130.87	-0.008		
9/6/12 7:00			31.257	19.368	130.868	-0.01		
9/6/12 8:00			31.253	19.369	130.878	0		
9/6/12 9:00			31.253	19.37	130.878	0		
9/6/12 9:30							130.66	
9/6/12 10:00			31.258	19.37	130.867	-0.011		
9/6/12 11:00			31.264	19.371	130.853	-0.025		
9/6/12 12:00			31.266	19.369	130.848	-0.03		

Table F-8
 MW-6 Water Level Data
 Long Term Aquifer Performance Test 2
 BrightSource Energy
 Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/6/12 13:00			31.26	19.367	130.861	-0.017		
9/6/12 14:00			31.264	19.37	130.852	-0.026		
9/6/12 15:00			31.257	19.369	130.869	-0.009		
9/6/12 16:00			31.263	19.371	130.856	-0.022		
9/6/12 17:00			31.264	19.368	130.852	-0.026		
9/6/12 18:00			31.265	19.368	130.849	-0.029		
9/6/12 19:00			31.26	19.371	130.862	-0.016		
9/6/12 20:00			31.256	19.371	130.872	-0.006		
9/6/12 21:00			31.247	19.37	130.891	0.013		
9/6/12 22:00			31.248	19.369	130.889	0.011		
9/6/12 23:00			31.252	19.37	130.88	0.002		
9/7/12 0:00			31.255	19.371	130.874	-0.004		
9/7/12 1:00			31.258	19.371	130.866	-0.012		
9/7/12 2:00			31.261	19.367	130.86	-0.018		
9/7/12 3:00			31.253	19.37	130.878	0		
9/7/12 4:00			31.251	19.369	130.883	0.005		
9/7/12 5:00			31.253	19.373	130.879	0.001		
9/7/12 6:00			31.25	19.37	130.884	0.006		
9/7/12 7:00			31.245	19.37	130.897	0.019		
9/7/12 8:00	0	0	31.253	19.371	130.878	0		Start of APT 2
9/7/12 9:00	3600	60	31.261	19.369	130.86	-0.018		
9/7/12 9:05							130.59	
9/7/12 10:00	7200	120	31.255	19.369	130.874	-0.004		
9/7/12 11:00	10800	180	31.249	19.37	130.888	0.01		
9/7/12 12:00	14400	240	31.256	19.368	130.872	-0.006		
9/7/12 13:00	18000	300	31.259	19.37	130.865	-0.013		
9/7/12 13:10							130.56	
9/7/12 14:00	21600	360	31.267	19.371	130.845	-0.033		
9/7/12 15:00	25200	420	31.265	19.372	130.851	-0.027		
9/7/12 16:00	28800	480	31.255	19.369	130.872	-0.006		
9/7/12 17:00	32400	540	31.256	19.372	130.871	-0.007		
9/7/12 18:00	36000	600	31.255	19.37	130.874	-0.004		
9/7/12 19:00	39600	660	31.251	19.369	130.882	0.004		
9/7/12 19:50							130.60	

Table F-8
 MW-6 Water Level Data
 Long Term Aquifer Performance Test 2
 BrightSource Energy
 Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 20:00	43200	720	31.254	19.372	130.875	-0.003		
9/7/12 21:00	46800	780	31.251	19.369	130.882	0.004		
9/7/12 22:00	50400	840	31.252	19.37	130.88	0.002		
9/7/12 23:00	54000	900	31.258	19.369	130.867	-0.011		
9/8/12 0:00	57600	960	31.251	19.369	130.882	0.004		
9/8/12 1:00	61200	1020	31.255	19.37	130.873	-0.005		
9/8/12 2:00	64800	1080	31.258	19.37	130.867	-0.011		
9/8/12 3:00	68400	1140	31.25	19.368	130.884	0.006		
9/8/12 4:00	72000	1200	31.255	19.371	130.872	-0.006		
9/8/12 5:00	75600	1260	31.251	19.371	130.883	0.005		
9/8/12 6:00	79200	1320	31.248	19.371	130.89	0.012		
9/8/12 7:00	82800	1380	31.25	19.37	130.885	0.007		
9/8/12 8:00	86400	1440	31.245	19.371	130.896	0.018		
9/8/12 9:00	90000	1500	31.247	19.37	130.892	0.014		
9/8/12 10:00	93600	1560	31.255	19.37	130.874	-0.004		
9/8/12 11:00	97200	1620	31.256	19.37	130.87	-0.008		
9/8/12 11:49							130.58	
9/8/12 12:00	100800	1680	31.329	19.37	130.702	-0.176		
9/8/12 13:00	104400	1740	31.279	19.372	130.818	-0.06		
9/8/12 14:00	108000	1800	31.268	19.368	130.843	-0.035		
9/8/12 15:00	111600	1860	31.267	19.373	130.845	-0.033		
9/8/12 16:00	115200	1920	31.268	19.368	130.844	-0.034		
9/8/12 17:00	118800	1980	31.257	19.371	130.869	-0.009		
9/8/12 18:00	122400	2040	31.257	19.37	130.868	-0.01		
9/8/12 19:00	126000	2100	31.255	19.37	130.874	-0.004		
9/8/12 20:00	129600	2160	31.245	19.373	130.896	0.018		
9/8/12 21:00	133200	2220	31.239	19.372	130.91	0.032		
9/8/12 22:00	136800	2280	31.244	19.37	130.899	0.021		
9/8/12 23:00	140400	2340	31.25	19.372	130.884	0.006		
9/9/12 0:00	144000	2400	31.243	19.372	130.901	0.023		
9/9/12 1:00	147600	2460	31.245	19.371	130.897	0.019		
9/9/12 2:00	151200	2520	31.246	19.371	130.895	0.017		
9/9/12 3:00	154800	2580	31.242	19.369	130.903	0.025		
9/9/12 4:00	158400	2640	31.246	19.372	130.894	0.016		

Table F-8
 MW-6 Water Level Data
 Long Term Aquifer Performance Test 2
 BrightSource Energy
 Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 5:00	162000	2700	31.24	19.371	130.908	0.03		
9/9/12 6:00	165600	2760	31.238	19.37	130.914	0.036		
9/9/12 7:00	169200	2820	31.239	19.37	130.911	0.033		
9/9/12 8:00	172800	2880	31.241	19.372	130.905	0.027		
9/9/12 9:00	176400	2940	31.245	19.372	130.897	0.019		
9/9/12 10:00	180000	3000	31.243	19.37	130.901	0.023		
9/9/12 11:00	183600	3060	31.247	19.371	130.892	0.014		
9/9/12 12:00	187200	3120	31.241	19.372	130.905	0.027		
9/9/12 13:00	190800	3180	31.253	19.373	130.878	0		
9/9/12 14:00	194400	3240	31.249	19.37	130.888	0.01		
9/9/12 15:00	198000	3300	31.246	19.372	130.893	0.015		
9/9/12 16:00	201600	3360	31.239	19.372	130.91	0.032		
9/9/12 17:00	205200	3420	31.243	19.371	130.901	0.023		
9/9/12 18:00	208800	3480	31.248	19.369	130.89	0.012		
9/9/12 19:00	212400	3540	31.237	19.371	130.915	0.037		
9/9/12 20:00	216000	3600	31.23	19.37	130.931	0.053		
9/9/12 21:00	219600	3660	31.234	19.372	130.922	0.044		
9/9/12 22:00	223200	3720	31.232	19.372	130.926	0.048		
9/9/12 23:00	226800	3780	31.239	19.37	130.91	0.032		
9/10/12 0:00	230400	3840	31.237	19.373	130.915	0.037		
9/10/12 1:00	234000	3900	31.233	19.372	130.925	0.047		
9/10/12 2:00	237600	3960	31.235	19.371	130.919	0.041		
9/10/12 3:00	241200	4020	31.232	19.371	130.925	0.047		
9/10/12 4:00	244800	4080	31.24	19.371	130.908	0.03		
9/10/12 5:00	248400	4140	31.234	19.369	130.922	0.044		
9/10/12 6:00	252000	4200	31.225	19.372	130.942	0.064		
9/10/12 7:00	255600	4260	31.226	19.372	130.941	0.063		
9/10/12 8:00	259200	4320	31.224	19.37	130.945	0.067		
9/10/12 9:00	262800	4380	31.233	19.371	130.925	0.047		
9/10/12 10:00	266400	4440	31.232	19.373	130.926	0.048		
9/10/12 11:00	270000	4500	31.237	19.371	130.916	0.038		
9/10/12 12:00	273600	4560	31.232	19.371	130.926	0.048		
9/10/12 13:00	277200	4620	31.234	19.372	130.922	0.044		
9/10/12 14:00	280800	4680	31.237	19.37	130.915	0.037		

Table F-8
 MW-6 Water Level Data
 Long Term Aquifer Performance Test 2
 BrightSource Energy
 Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 15:00	284400	4740	31.241	19.371	130.906	0.028		
9/10/12 15:30							130.61	
9/10/12 16:00	288000	4800	31.287	19.371	130.8	-0.078		
9/10/12 17:00	291600	4860	31.256	19.372	130.871	-0.007		
9/10/12 18:00	295200	4920	31.242	19.372	130.903	0.025		
9/10/12 19:00	298800	4980	31.236	19.372	130.917	0.039		
9/10/12 20:00	302400	5040	31.229	19.371	130.934	0.056		
9/10/12 21:00	306000	5100	31.232	19.372	130.926	0.048		
9/10/12 22:00	309600	5160	31.229	19.372	130.933	0.055		
9/10/12 23:00	313200	5220	31.228	19.372	130.936	0.058		
9/11/12 0:00	316800	5280	31.227	19.372	130.937	0.059		
9/11/12 1:00	320400	5340	31.227	19.372	130.937	0.059		
9/11/12 2:00	324000	5400	31.23	19.372	130.931	0.053		
9/11/12 3:00	327600	5460	31.23	19.372	130.931	0.053		
9/11/12 4:00	331200	5520	31.231	19.372	130.928	0.05		
9/11/12 5:00	334800	5580	31.23	19.369	130.931	0.053		
9/11/12 6:00	338400	5640	31.223	19.37	130.947	0.069		
9/11/12 7:00	342000	5700	31.222	19.371	130.95	0.072		
9/11/12 8:00	345600	5760	31.221	19.37	130.951	0.073		
9/11/12 9:00	349200	5820	31.222	19.372	130.949	0.071		
9/11/12 10:00	352800	5880	31.218	19.371	130.959	0.081		
9/11/12 11:00	356400	5940	31.226	19.373	130.941	0.063		
9/11/12 12:00	360000	6000	31.223	19.372	130.948	0.07		
9/11/12 13:00	363600	6060	31.23	19.372	130.93	0.052		
9/11/12 13:30							130.63	
9/11/12 14:00	367200	6120	31.227	19.371	130.937	0.059		
9/11/12 15:00	370800	6180	31.223	19.372	130.946	0.068		
9/11/12 16:00	374400	6240	31.224	19.372	130.944	0.066		
9/11/12 17:00	378000	6300	31.219	19.373	130.956	0.078		
9/11/12 18:00	381600	6360	31.217	19.372	130.961	0.083		
9/11/12 19:00	385200	6420	31.217	19.372	130.962	0.084		
9/11/12 20:00	388800	6480	31.22	19.372	130.955	0.077		
9/11/12 21:00	392400	6540	31.212	19.371	130.972	0.094		
9/11/12 22:00	396000	6600	31.208	19.372	130.982	0.104		

Table F-8
 MW-6 Water Level Data
 Long Term Aquifer Performance Test 2
 BrightSource Energy
 Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 23:00	399600	6660	31.215	19.371	130.966	0.088		
9/12/12 0:00	403200	6720	31.215	19.372	130.967	0.089		
9/12/12 1:00	406800	6780	31.21	19.37	130.977	0.099		
9/12/12 2:00	410400	6840	31.216	19.372	130.963	0.085		
9/12/12 3:00	414000	6900	31.218	19.372	130.958	0.08		
9/12/12 4:00	417600	6960	31.224	19.371	130.946	0.068		
9/12/12 5:00	421200	7020	31.216	19.372	130.964	0.086		
9/12/12 6:00	424800	7080	31.214	19.37	130.969	0.091		
9/12/12 7:00	428400	7140	31.209	19.372	130.978	0.1		
9/12/12 8:00	432000	7200	31.214	19.371	130.967	0.089		
9/12/12 9:00	435600	7260	31.21	19.371	130.978	0.1		
9/12/12 10:00	439200	7320	31.217	19.372	130.962	0.084		
9/12/12 11:00	442800	7380	31.218	19.37	130.958	0.08		
9/12/12 12:00	446400	7440	31.218	19.372	130.958	0.08		
9/12/12 13:00	450000	7500	31.223	19.37	130.948	0.07		
9/12/12 14:00	453600	7560	31.222	19.372	130.95	0.072		
9/12/12 15:00	457200	7620	31.222	19.371	130.95	0.072		
9/12/12 16:00	460800	7680	31.219	19.373	130.957	0.079		
9/12/12 17:00	464400	7740	31.222	19.373	130.949	0.071		
9/12/12 18:00	468000	7800	31.215	19.372	130.966	0.088		
9/12/12 19:00	471600	7860	31.216	19.372	130.963	0.085		
9/12/12 20:00	475200	7920	31.205	19.371	130.988	0.11		
9/12/12 21:00	478800	7980	31.208	19.371	130.981	0.103		
9/12/12 22:00	482400	8040	31.209	19.372	130.98	0.102		
9/12/12 23:00	486000	8100	31.209	19.372	130.98	0.102		
9/13/12 0:00	489600	8160	31.212	19.372	130.973	0.095		
9/13/12 1:00	493200	8220	31.208	19.37	130.982	0.104		
9/13/12 2:00	496800	8280	31.214	19.371	130.969	0.091		
9/13/12 3:00	500400	8340	31.21	19.372	130.977	0.099		
9/13/12 4:00	504000	8400	31.209	19.372	130.98	0.102		
9/13/12 5:00	507600	8460	31.207	19.372	130.985	0.107		
9/13/12 6:00	511200	8520	31.209	19.37	130.978	0.1		
9/13/12 7:00	514800	8580	31.209	19.37	130.98	0.102		
9/13/12 8:00	518400	8640	31.205	19.37	130.988	0.11		

Table F-8
 MW-6 Water Level Data
 Long Term Aquifer Performance Test 2
 BrightSource Energy
 Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/13/12 9:00	522000	8700	31.209	19.372	130.979	0.101		
9/13/12 10:00	525600	8760	31.202	19.372	130.995	0.117		
9/13/12 11:00	529200	8820	31.206	19.369	130.986	0.108		
9/13/12 12:00	532800	8880	31.217	19.371	130.962	0.084		
9/13/12 13:00	536400	8940	31.221	19.373	130.952	0.074		
9/13/12 14:00	540000	9000	31.217	19.373	130.962	0.084		
9/13/12 15:00	543600	9060	31.215	19.372	130.967	0.089		
9/13/12 16:00	547200	9120	31.218	19.372	130.958	0.08		
9/13/12 17:00	550800	9180	31.218	19.371	130.96	0.082		
9/13/12 18:00	554400	9240	31.208	19.372	130.982	0.104		
9/13/12 19:00	558000	9300	31.211	19.372	130.975	0.097		
9/13/12 20:00	561600	9360	31.211	19.371	130.976	0.098		
9/13/12 21:00	565200	9420	31.202	19.371	130.995	0.117		
9/13/12 22:00	568800	9480	31.209	19.372	130.978	0.1		
9/13/12 23:00	572400	9540	31.21	19.372	130.978	0.1		
9/14/12 0:00	576000	9600	31.213	19.369	130.97	0.092		
9/14/12 1:00	579600	9660	31.208	19.371	130.983	0.105		
9/14/12 2:00	583200	9720	31.211	19.374	130.974	0.096		
9/14/12 3:00	586800	9780	31.208	19.371	130.981	0.103		
9/14/12 4:00	590400	9840	31.213	19.371	130.97	0.092		
9/14/12 5:00	594000	9900	31.206	19.372	130.987	0.109		
9/14/12 6:00	597600	9960	31.208	19.371	130.981	0.103		
9/14/12 7:00	601200	10020	31.202	19.371	130.995	0.117		
9/14/12 8:00	604800	10080	31.203	19.372	130.993	0.115		
9/14/12 9:00	608400	10140	31.201	19.372	130.998	0.12		
9/14/12 10:00	612000	10200	31.208	19.372	130.981	0.103		
9/14/12 11:00	615600	10260	31.207	19.37	130.985	0.107		
9/14/12 12:00	619200	10320	31.212	19.374	130.973	0.095		
9/14/12 13:00	622800	10380	31.215	19.371	130.965	0.087		
9/14/12 14:00	626400	10440	31.216	19.373	130.964	0.086		
9/14/12 15:00	630000	10500	31.214	19.37	130.969	0.091		
9/14/12 16:00	633600	10560	31.213	19.372	130.971	0.093		
9/14/12 17:00	637200	10620	31.214	19.371	130.968	0.09		
9/14/12 18:00	640800	10680	31.211	19.371	130.974	0.096		

Table F-8
 MW-6 Water Level Data
 Long Term Aquifer Performance Test 2
 BrightSource Energy
 Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 19:00	644400	10740	31.208	19.374	130.981	0.103		
9/14/12 20:00	648000	10800	31.199	19.372	131.003	0.125		
9/14/12 21:00	651600	10860	31.209	19.374	130.979	0.101		
9/14/12 22:00	655200	10920	31.204	19.371	130.991	0.113		
9/14/12 23:00	658800	10980	31.199	19.372	131.002	0.124		
9/15/12 0:00	662400	11040	31.205	19.372	130.99	0.112		
9/15/12 1:00	666000	11100	31.204	19.374	130.991	0.113		
9/15/12 2:00	669600	11160	31.208	19.372	130.981	0.103		
9/15/12 3:00	673200	11220	31.212	19.372	130.973	0.095		
9/15/12 4:00	676800	11280	31.206	19.372	130.986	0.108		
9/15/12 5:00	680400	11340	31.21	19.372	130.978	0.1		
9/15/12 6:00	684000	11400	31.209	19.374	130.98	0.102		
9/15/12 7:00	687600	11460	31.198	19.373	131.004	0.126		
9/15/12 8:00	691200	11520	31.205	19.373	130.989	0.111		
9/15/12 9:00	694800	11580	31.201	19.371	130.998	0.12		
9/15/12 10:00	698400	11640	31.209	19.373	130.979	0.101		
9/15/12 11:00	702000	11700	31.201	19.372	130.997	0.119		
9/15/12 12:00	705600	11760	31.21	19.371	130.978	0.1		
9/15/12 13:00	709200	11820	31.212	19.372	130.972	0.094		
9/15/12 14:00	712800	11880	31.209	19.373	130.979	0.101		
9/15/12 15:00	716400	11940	31.205	19.375	130.988	0.11		
9/15/12 16:00	720000	12000	31.212	19.37	130.974	0.096		
9/15/12 17:00	723600	12060	31.217	19.372	130.96	0.082		
9/15/12 18:00	727200	12120	31.209	19.371	130.979	0.101		
9/15/12 19:00	730800	12180	31.203	19.372	130.994	0.116		
9/15/12 20:00	734400	12240	31.205	19.372	130.989	0.111		
9/15/12 21:00	738000	12300	31.2	19.372	131.001	0.123		
9/15/12 22:00	741600	12360	31.199	19.371	131.002	0.124		
9/15/12 23:00	745200	12420	31.196	19.373	131.01	0.132		
9/16/12 0:00	748800	12480	31.205	19.372	130.989	0.111		
9/16/12 1:00	752400	12540	31.202	19.373	130.996	0.118		
9/16/12 2:00	756000	12600	31.207	19.373	130.985	0.107		
9/16/12 3:00	759600	12660	31.201	19.372	130.998	0.12		
9/16/12 4:00	763200	12720	31.209	19.372	130.98	0.102		

Table F-8
MW-6 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 5:00	766800	12780	31.206	19.371	130.986	0.108		
9/16/12 6:00	770400	12840	31.204	19.374	130.992	0.114		
9/16/12 7:00	774000	12900	31.202	19.372	130.995	0.117		
9/16/12 8:00	777600	12960	31.205	19.373	130.99	0.112		
9/16/12 9:00	781200	13020	31.205	19.372	130.989	0.111		
9/16/12 10:00	784800	13080	31.201	19.374	130.997	0.119		
9/16/12 11:00	788400	13140	31.207	19.372	130.984	0.106		
9/16/12 12:00	792000	13200	31.212	19.372	130.974	0.096		
9/16/12 13:00	795600	13260	31.211	19.372	130.974	0.096		
9/16/12 14:00	799200	13320	31.206	19.371	130.986	0.108		
9/16/12 15:00	802800	13380	31.214	19.372	130.969	0.091		
9/16/12 16:00	806400	13440	31.207	19.373	130.985	0.107		
9/16/12 17:00	810000	13500	31.206	19.372	130.986	0.108		
9/16/12 18:00	813600	13560	31.209	19.372	130.98	0.102		
9/16/12 19:00	817200	13620	31.207	19.375	130.985	0.107		
9/16/12 20:00	820800	13680	31.206	19.372	130.986	0.108		
9/16/12 21:00	824400	13740	31.203	19.369	130.994	0.116		
9/16/12 22:00	828000	13800	31.205	19.375	130.989	0.111		
9/16/12 23:00	831600	13860	31.2	19.372	131.001	0.123		
9/17/12 0:00	835200	13920	31.197	19.373	131.007	0.129		
9/17/12 1:00	838800	13980	31.2	19.372	131	0.122		
9/17/12 2:00	842400	14040	31.201	19.373	130.999	0.121		
9/17/12 3:00	846000	14100	31.202	19.372	130.996	0.118		
9/17/12 4:00	849600	14160	31.206	19.372	130.986	0.108		
9/17/12 5:00	853200	14220	31.205	19.372	130.989	0.111		
9/17/12 6:00	856800	14280	31.201	19.372	130.998	0.12		
9/17/12 7:00	860400	14340	31.199	19.372	131.003	0.125		
9/17/12 8:00	864000	14400	31.203	19.371	130.993	0.115		
9/17/12 9:00	867600	14460	31.199	19.371	131.002	0.124		
9/17/12 10:00	871200	14520	31.199	19.371	131.002	0.124		
9/17/12 11:00	874800	14580	31.206	19.372	130.987	0.109		
9/17/12 12:00	878400	14640	31.208	19.372	130.982	0.104		
9/17/12 13:00	882000	14700	31.207	19.372	130.984	0.106		
9/17/12 14:00	885600	14760	31.202	19.373	130.995	0.117		

Table F-8
MW-6 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 14:05							130.68	
9/17/12 15:00	889200	14820	31.207	19.372	130.983	0.105		
9/17/12 16:00	892800	14880	31.207	19.374	130.985	0.107		
9/17/12 17:00	896400	14940	31.202	19.372	130.996	0.118		
9/17/12 18:00	900000	15000	31.199	19.374	131.002	0.124		
9/17/12 19:00	903600	15060	31.204	19.372	130.99	0.112		
9/17/12 20:00	907200	15120	31.192	19.374	131.018	0.14		
9/17/12 21:00	910800	15180	31.192	19.372	131.018	0.14		
9/17/12 22:00	914400	15240	31.199	19.375	131.002	0.124		
9/17/12 23:00	918000	15300	31.194	19.373	131.013	0.135		
9/18/12 0:00	921600	15360	31.197	19.372	131.008	0.13		
9/18/12 1:00	925200	15420	31.191	19.374	131.02	0.142		
9/18/12 2:00	928800	15480	31.194	19.374	131.014	0.136		
9/18/12 3:00	932400	15540	31.196	19.371	131.009	0.131		
9/18/12 4:00	936000	15600	31.193	19.373	131.016	0.138		
9/18/12 5:00	939600	15660	31.197	19.373	131.008	0.13		
9/18/12 6:00	943200	15720	31.196	19.372	131.01	0.132		
9/18/12 7:00	946800	15780	31.197	19.372	131.008	0.13		
9/18/12 8:00	950400	15840	31.196	19.372	131.009	0.131		
9/18/12 9:00	954000	15900	31.197	19.371	131.008	0.13		
9/18/12 10:00	957600	15960	31.204	19.374	130.991	0.113		
9/18/12 11:00	961200	16020	31.199	19.374	131.002	0.124		
9/18/12 12:00	964800	16080	31.203	19.372	130.994	0.116		
9/18/12 13:00	968400	16140	31.199	19.371	131.002	0.124		
9/18/12 14:00	972000	16200	31.198	19.371	131.005	0.127		
9/18/12 15:00	975600	16260	31.204	19.371	130.991	0.113		
9/18/12 16:00	979200	16320	31.2	19.372	131	0.122		
9/18/12 17:00	982800	16380	31.202	19.376	130.996	0.118		
9/18/12 18:00	986400	16440	31.198	19.372	131.005	0.127		
9/18/12 19:00	990000	16500	31.2	19.372	131	0.122		
9/18/12 20:00	993600	16560	31.196	19.373	131.01	0.132		
9/18/12 21:00	997200	16620	31.192	19.374	131.019	0.141		
9/18/12 22:00	1000800	16680	31.189	19.374	131.026	0.148		
9/18/12 23:00	1004400	16740	31.194	19.374	131.015	0.137		

Table F-8
MW-6 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 0:00	1008000	16800	31.194	19.372	131.014	0.136		
9/19/12 1:00	1011600	16860	31.194	19.373	131.014	0.136		
9/19/12 2:00	1015200	16920	31.195	19.372	131.011	0.133		
9/19/12 3:00	1018800	16980	31.197	19.374	131.008	0.13		
9/19/12 4:00	1022400	17040	31.197	19.372	131.007	0.129		
9/19/12 5:00	1026000	17100	31.189	19.372	131.026	0.148		
9/19/12 6:00	1029600	17160	31.19	19.373	131.024	0.146		
9/19/12 7:00	1033200	17220	31.193	19.372	131.017	0.139		
9/19/12 8:00	1036800	17280	31.191	19.372	131.021	0.143		
9/19/12 9:00	1040400	17340	31.192	19.372	131.018	0.14		
9/19/12 10:00	1044000	17400	31.196	19.372	131.009	0.131		
9/19/12 11:00	1047600	17460	31.194	19.372	131.014	0.136		
9/19/12 12:00	1051200	17520	31.197	19.375	131.007	0.129		
9/19/12 13:00	1054800	17580	31.196	19.373	131.009	0.131		
9/19/12 14:00	1058400	17640	31.208	19.373	130.982	0.104		
9/19/12 14:15							130.69	
9/19/12 15:00	1062000	17700	31.2	19.37	131	0.122		
9/19/12 16:00	1065600	17760	31.198	19.374	131.004	0.126		
9/19/12 17:00	1069200	17820	31.198	19.372	131.004	0.126		
9/19/12 18:00	1072800	17880	31.194	19.372	131.013	0.135		
9/19/12 19:00	1076400	17940	31.2	19.373	131.001	0.123		
9/19/12 20:00	1080000	18000	31.19	19.373	131.024	0.146		
9/19/12 21:00	1083600	18060	31.191	19.373	131.022	0.144		
9/19/12 22:00	1087200	18120	31.192	19.37	131.019	0.141		
9/19/12 23:00	1090800	18180	31.196	19.372	131.01	0.132		
9/20/12 0:00	1094400	18240	31.191	19.372	131.02	0.142		
9/20/12 1:00	1098000	18300	31.197	19.371	131.006	0.128		
9/20/12 2:00	1101600	18360	31.191	19.373	131.021	0.143		
9/20/12 3:00	1105200	18420	31.198	19.372	131.005	0.127		
9/20/12 4:00	1108800	18480	31.19	19.371	131.023	0.145		
9/20/12 5:00	1112400	18540	31.194	19.37	131.015	0.137		
9/20/12 6:00	1116000	18600	31.189	19.374	131.026	0.148		
9/20/12 7:00	1119600	18660	31.191	19.372	131.021	0.143		
9/20/12 8:00	1123200	18720	31.195	19.372	131.013	0.135		

Table F-8
 MW-6 Water Level Data
 Long Term Aquifer Performance Test 2
 BrightSource Energy
 Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/20/12 9:00	1126800	18780	31.188	19.375	131.028	0.15		
9/20/12 10:00	1130400	18840	31.195	19.372	131.013	0.135		
9/20/12 11:00	1134000	18900	31.196	19.375	131.009	0.131		
9/20/12 12:00	1137600	18960	31.197	19.374	131.008	0.13		
9/20/12 13:00	1141200	19020	31.202	19.373	130.995	0.117		
9/20/12 14:00	1144800	19080	31.197	19.375	131.007	0.129		
9/20/12 15:00	1148400	19140	31.198	19.372	131.005	0.127		
9/20/12 16:00	1152000	19200	31.197	19.372	131.008	0.13		
9/20/12 17:00	1155600	19260	31.198	19.369	131.004	0.126		
9/20/12 18:00	1159200	19320	31.198	19.372	131.004	0.126		
9/20/12 19:00	1162800	19380	31.19	19.373	131.025	0.147		
9/20/12 20:00	1166400	19440	31.186	19.372	131.032	0.154		
9/20/12 21:00	1170000	19500	31.192	19.372	131.019	0.141		
9/20/12 22:00	1173600	19560	31.191	19.372	131.022	0.144		
9/20/12 23:00	1177200	19620	31.195	19.374	131.012	0.134		
9/21/12 0:00	1180800	19680	31.192	19.371	131.019	0.141		
9/21/12 1:00	1184400	19740	31.188	19.374	131.029	0.151		
9/21/12 2:00	1188000	19800	31.197	19.375	131.007	0.129		
9/21/12 3:00	1191600	19860	31.19	19.373	131.024	0.146		
9/21/12 4:00	1195200	19920	31.188	19.372	131.028	0.15		
9/21/12 5:00	1198800	19980	31.191	19.371	131.021	0.143		
9/21/12 6:00	1202400	20040	31.186	19.372	131.033	0.155		
9/21/12 7:00	1206000	20100	31.187	19.372	131.031	0.153		
9/21/12 8:00	1209600	20160	31.19	19.372	131.023	0.145		End of APT2
9/21/12 9:00	1213200	20220	31.189	19.373	131.026	0.148		
9/21/12 10:00	1216800	20280	31.19	19.373	131.023	0.145		
9/21/12 10:20							130.73	
9/21/12 11:00	1220400	20340	31.221	19.374	130.953	0.075		
9/21/12 12:00	1224000	20400	31.206	19.37	130.986	0.108		
9/21/12 13:00	1227600	20460	31.208	19.372	130.981	0.103		

Table F-8
 MW-6 Water Level Data
 Long Term Aquifer Performance Test 2
 BrightSource Energy
 Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 14:00	1231200	20520	31.199	19.374	131.002	0.124		
9/21/12 15:00	1234800	20580	31.193	19.372	131.018	0.14		
9/21/12 16:00	1238400	20640	31.196	19.373	131.01	0.132		
9/21/12 17:00	1242000	20700	31.195	19.372	131.013	0.135		
9/21/12 18:00	1245600	20760	31.196	19.374	131.01	0.132		
9/21/12 19:00	1249200	20820	31.193	19.372	131.016	0.138		
9/21/12 20:00	1252800	20880	31.19	19.375	131.024	0.146		
9/21/12 21:00	1256400	20940	31.185	19.374	131.035	0.157		
9/21/12 22:00	1260000	21000	31.191	19.374	131.022	0.144		
9/21/12 23:00	1263600	21060	31.19	19.372	131.024	0.146		
9/22/12 0:00	1267200	21120	31.192	19.372	131.019	0.141		
9/22/12 1:00	1270800	21180	31.19	19.372	131.023	0.145		
9/22/12 2:00	1274400	21240	31.188	19.373	131.028	0.15		
9/22/12 3:00	1278000	21300	31.192	19.375	131.019	0.141		
9/22/12 4:00	1281600	21360	31.188	19.373	131.029	0.151		
9/22/12 5:00	1285200	21420	31.186	19.374	131.032	0.154		
9/22/12 6:00	1288800	21480	31.182	19.372	131.041	0.163		
9/22/12 7:00	1292400	21540	31.184	19.373	131.037	0.159		
9/22/12 8:00	1296000	21600	31.186	19.376	131.032	0.154		
9/22/12 9:00	1299600	21660	31.189	19.373	131.027	0.149		
9/22/12 10:00	1303200	21720	31.19	19.372	131.023	0.145		
9/22/12 11:00	1306800	21780	31.194	19.371	131.014	0.136		
9/22/12 12:00	1310400	21840	31.192	19.375	131.018	0.14		
9/22/12 13:00	1314000	21900	31.192	19.374	131.019	0.141		
9/22/12 14:00	1317600	21960	31.199	19.373	131.002	0.124		
9/22/12 15:00	1321200	22020	31.198	19.374	131.006	0.128		
9/22/12 16:00	1324800	22080	31.201	19.375	130.998	0.12		
9/22/12 17:00	1328400	22140	31.193	19.372	131.017	0.139		
9/22/12 18:00	1332000	22200	31.194	19.372	131.014	0.136		
9/22/12 19:00	1335600	22260	31.194	19.374	131.014	0.136		
9/22/12 20:00	1339200	22320	31.183	19.372	131.039	0.161		
9/22/12 21:00	1342800	22380	31.194	19.372	131.013	0.135		
9/22/12 22:00	1346400	22440	31.194	19.372	131.015	0.137		
9/22/12 23:00	1350000	22500	31.194	19.374	131.013	0.135		

Table F-8
 MW-6 Water Level Data
 Long Term Aquifer Performance Test 2
 BrightSource Energy
 Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 0:00	1353600	22560	31.198	19.375	131.004	0.126		
9/23/12 1:00	1357200	22620	31.192	19.372	131.019	0.141		
9/23/12 2:00	1360800	22680	31.196	19.376	131.01	0.132		
9/23/12 3:00	1364400	22740	31.198	19.374	131.004	0.126		
9/23/12 4:00	1368000	22800	31.199	19.374	131.003	0.125		
9/23/12 5:00	1371600	22860	31.198	19.375	131.005	0.127		
9/23/12 6:00	1375200	22920	31.194	19.373	131.015	0.137		
9/23/12 7:00	1378800	22980	31.196	19.372	131.009	0.131		
9/23/12 8:00	1382400	23040	31.19	19.375	131.024	0.146		
9/23/12 9:00	1386000	23100	31.195	19.374	131.013	0.135		
9/23/12 10:00	1389600	23160	31.201	19.375	130.999	0.121		
9/23/12 11:00	1393200	23220	31.202	19.372	130.996	0.118		
9/23/12 12:00	1396800	23280	31.198	19.373	131.005	0.127		
9/23/12 13:00	1400400	23340	31.205	19.372	130.988	0.11		
9/23/12 14:00	1404000	23400	31.202	19.375	130.996	0.118		
9/23/12 15:00	1407600	23460	31.212	19.373	130.974	0.096		
9/23/12 16:00	1411200	23520	31.207	19.373	130.985	0.107		
9/23/12 17:00	1414800	23580	31.206	19.374	130.986	0.108		
9/23/12 18:00	1418400	23640	31.207	19.372	130.985	0.107		
9/23/12 19:00	1422000	23700	31.202	19.372	130.996	0.118		

Table F-8
 MW-6 Water Level Data
 Long Term Aquifer Performance Test 2
 BrightSource Energy
 Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 20:00	1425600	23760	31.2	19.374	131.001	0.123		
9/23/12 21:00	1429200	23820	31.194	19.372	131.013	0.135		
9/23/12 22:00	1432800	23880	31.199	19.372	131.002	0.124		
9/23/12 23:00	1436400	23940	31.206	19.372	130.986	0.108		
9/24/12 0:00	1440000	24000	31.208	19.374	130.983	0.105		
9/24/12 1:00	1443600	24060	31.203	19.375	130.994	0.116		
9/24/12 2:00	1447200	24120	31.208	19.376	130.981	0.103		
9/24/12 3:00	1450800	24180	31.21	19.373	130.978	0.1		
9/24/12 4:00	1454400	24240	31.206	19.375	130.986	0.108		
9/24/12 5:00	1458000	24300	31.207	19.375	130.985	0.107		
9/24/12 6:00	1461600	24360	31.211	19.373	130.974	0.096		
9/24/12 7:00	1465200	24420	31.208	19.375	130.981	0.103		
9/24/12 8:00	1468800	24480	31.204	19.377	130.992	0.114		
9/24/12 9:00	1472400	24540	31.205	19.374	130.988	0.11		
9/24/12 10:00	1476000	24600	31.213	19.374	130.971	0.093		
9/24/12 11:00	1479600	24660	31.214	19.37	130.967	0.089		
Notes: PSI: Pounds per square inch C: Degrees Celcius ft btoc: feet below top of casing gpm: gallons per minute								

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/22/12 16:00			80.502	19.629	108.471	-0.141		
8/22/12 17:00			80.486	19.633	108.507	-0.105		Development
8/22/12 18:00			80.513	19.631	108.445	-0.167		
8/22/12 19:00			80.507	19.635	108.46	-0.152		
8/22/12 20:00			80.509	19.63	108.456	-0.156		
8/22/12 21:00			80.518	19.631	108.433	-0.179		
8/22/12 22:00			80.518	19.629	108.435	-0.177		
8/22/12 23:00			80.522	19.628	108.426	-0.186		
8/23/12 0:00			80.498	19.635	108.481	-0.131		
8/23/12 1:00			80.507	19.633	108.46	-0.152		
8/23/12 2:00			80.501	19.636	108.474	-0.138		
8/23/12 3:00			80.504	19.631	108.467	-0.145		
8/23/12 4:00			80.505	19.631	108.465	-0.147		
8/23/12 5:00			80.508	19.636	108.458	-0.154		
8/23/12 6:00			80.511	19.636	108.45	-0.162		
8/23/12 7:00			80.516	19.634	108.44	-0.172		
8/23/12 8:00			80.509	19.633	108.456	-0.156		
8/23/12 9:00			80.519	19.63	108.432	-0.18		
8/23/12 10:00			80.512	19.634	108.448	-0.164		
8/23/12 11:00			80.518	19.634	108.435	-0.177		
8/23/12 12:00			80.532	19.639	108.401	-0.211		
8/23/12 13:00			80.517	19.639	108.436	-0.176		
8/23/12 14:00			80.53	19.635	108.407	-0.205		
8/23/12 15:00			80.534	19.637	108.398	-0.214		
8/23/12 16:00			80.544	19.638	108.374	-0.238		
8/23/12 17:00			80.537	19.639	108.39	-0.222		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/23/12 18:00			80.531	19.639	108.404	-0.208		
8/23/12 19:00			80.527	19.642	108.413	-0.199		
8/23/12 20:00			80.521	19.64	108.427	-0.185		
8/23/12 21:00			80.534	19.639	108.398	-0.214		
8/23/12 22:00			80.518	19.636	108.433	-0.179		
8/23/12 23:00			80.528	19.636	108.41	-0.202		
8/24/12 0:00			80.525	19.633	108.419	-0.193		
8/24/12 1:00			80.523	19.632	108.423	-0.189		
8/24/12 2:00			80.525	19.634	108.418	-0.194		
8/24/12 3:00			80.53	19.633	108.407	-0.205		
8/24/12 4:00			80.527	19.638	108.414	-0.198		
8/24/12 5:00			80.535	19.635	108.396	-0.216		
8/24/12 6:00			80.518	19.64	108.435	-0.177		
8/24/12 7:00			80.535	19.636	108.395	-0.217		
8/24/12 8:00			80.528	19.633	108.41	-0.202		
8/24/12 8:05							108.41	
8/24/12 9:00			80.55	19.63	108.366	-0.246		
8/24/12 10:00			80.548	19.632	108.351	-0.261		
8/24/12 11:00			80.554	19.641	108.296	-0.316		
8/24/12 12:00			80.578	19.638	108.318	-0.294		
8/24/12 13:00			80.568	19.641	108.41	-0.202		
8/27/12 13:45							108.76	
8/28/12 7:45							108.80	
8/28/12 15:40							108.75	
8/28/12 15:48			80.95	19.641	108.533	-0.079		
8/29/12 3:48			80.907	19.626	108.632	0.02		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
8/29/12 8:15							108.78	
8/29/12 15:48			80.917	19.631	108.607	-0.005		
8/29/12 15:50							108.75	
8/30/12 3:48			80.903	19.633	108.641	0.029		
8/30/12 8:00							108.78	
8/30/12 15:48			80.9	19.627	108.646	0.034		
8/31/12 3:48			80.926	19.637	108.587	-0.025		
8/31/12 15:48			80.946	19.633	108.541	-0.071		
9/1/12 3:48			80.925	19.632	108.59	-0.022		
9/1/12 15:48			80.936	19.629	108.564	-0.048		
9/2/12 3:48			80.929	19.632	108.581	-0.031		
9/2/12 15:48			80.947	19.635	108.539	-0.073		
9/3/12 3:48			80.948	19.632	108.538	-0.074		
9/3/12 15:48			80.955	19.632	108.52	-0.092		
9/4/12 3:48			80.954	19.627	108.524	-0.088		
9/4/12 15:48			80.962	19.63	108.504	-0.108		
9/4/12 16:00							108.74	
9/5/12 3:48			80.962	19.632	108.505	-0.107		
9/5/12 9:20							108.76	
9/5/12 15:10							108.75	
9/5/12 16:00			80.99	19.633	108.556	-0.056		
9/5/12 22:00			80.956	19.631	108.632	0.02		
9/6/12 4:00			80.961	19.639	108.623	0.011		
9/6/12 9:05							108.77	
9/6/12 10:00			80.951	19.634	108.644	0.032		
9/6/12 16:00			81.006	19.628	108.533	-0.079		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/6/12 17:00			80.961	19.628	108.638	0.026		
9/6/12 18:00			80.962	19.635	108.636	0.024		
9/6/12 19:00			80.968	19.629	108.62	0.008		
9/6/12 20:00			80.942	19.629	108.681	0.069		
9/6/12 21:00			80.964	19.63	108.63	0.018		
9/6/12 22:00			80.947	19.634	108.67	0.058		
9/6/12 23:00			80.955	19.63	108.65	0.038		
9/7/12 0:00			80.964	19.628	108.63	0.018		
9/7/12 1:00			80.938	19.632	108.691	0.079		
9/7/12 2:00			80.963	19.634	108.633	0.021		
9/7/12 3:00			80.967	19.633	108.624	0.012		
9/7/12 4:00			80.962	19.631	108.634	0.022		
9/7/12 5:00			80.954	19.636	108.654	0.042		
9/7/12 6:00			80.975	19.631	108.604	-0.008		
9/7/12 7:00			80.95	19.631	108.663	0.051		
9/7/12 8:00	0	0	80.972	19.636	108.612	0		Start of Test
9/7/12 8:45							108.71	
9/7/12 9:00	3600	60	80.968	19.635	108.62	0.008		
9/7/12 10:00	7200	120	80.959	19.633	108.642	0.03		
9/7/12 11:00	10800	180	80.969	19.633	108.619	0.007		
9/7/12 12:00	14400	240	80.963	19.633	108.633	0.021		
9/7/12 12:50							108.69	
9/7/12 13:00	18000	300	80.972	19.634	108.612	0		
9/7/12 14:00	21600	360	80.97	19.633	108.616	0.004		
9/7/12 15:00	25200	420	80.972	19.632	108.612	0		
9/7/12 16:00	28800	480	80.967	19.628	108.624	0.012		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/7/12 17:00	32400	540	80.954	19.632	108.653	0.041		
9/7/12 18:00	36000	600	80.966	19.631	108.626	0.014		
9/7/12 19:00	39600	660	80.965	19.631	108.628	0.016		
9/7/12 19:30							108.72	
9/7/12 20:00	43200	720	80.974	19.629	108.608	-0.004		
9/7/12 21:00	46800	780	80.969	19.635	108.62	0.008		
9/7/12 22:00	50400	840	80.971	19.632	108.614	0.002		
9/7/12 23:00	54000	900	80.974	19.631	108.608	-0.004		
9/8/12 0:00	57600	960	80.952	19.628	108.657	0.045		
9/8/12 1:00	61200	1020	80.965	19.635	108.628	0.016		
9/8/12 2:00	64800	1080	80.972	19.635	108.613	0.001		
9/8/12 3:00	68400	1140	80.967	19.633	108.624	0.012		
9/8/12 4:00	72000	1200	80.974	19.634	108.606	-0.006		
9/8/12 5:00	75600	1260	80.97	19.634	108.616	0.004		
9/8/12 6:00	79200	1320	80.979	19.633	108.596	-0.016		
9/8/12 7:00	82800	1380	80.994	19.635	108.561	-0.051		
9/8/12 8:00	86400	1440	80.984	19.63	108.585	-0.027		
9/8/12 9:00	90000	1500	80.986	19.63	108.58	-0.032		
9/8/12 10:00	93600	1560	80.956	19.63	108.649	0.037		
9/8/12 11:00	97200	1620	80.962	19.632	108.634	0.022		
9/8/12 11:30							108.70	
9/8/12 12:00	100800	1680	80.957	19.63	108.646	0.034		
9/8/12 13:00	104400	1740	80.962	19.636	108.636	0.024		
9/8/12 14:00	108000	1800	80.954	19.632	108.653	0.041		
9/8/12 15:00	111600	1860	80.96	19.634	108.641	0.029		
9/8/12 16:00	115200	1920	80.969	19.631	108.619	0.007		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/8/12 17:00	118800	1980	80.954	19.63	108.654	0.042		
9/8/12 18:00	122400	2040	80.972	19.632	108.613	0.001		
9/8/12 19:00	126000	2100	80.972	19.626	108.612	0		
9/8/12 20:00	129600	2160	80.977	19.628	108.6	-0.012		
9/8/12 21:00	133200	2220	80.971	19.626	108.615	0.003		
9/8/12 22:00	136800	2280	80.971	19.628	108.614	0.002		
9/8/12 23:00	140400	2340	80.966	19.629	108.625	0.013		
9/9/12 0:00	144000	2400	80.975	19.63	108.604	-0.008		
9/9/12 1:00	147600	2460	80.959	19.63	108.642	0.03		
9/9/12 2:00	151200	2520	80.972	19.636	108.613	0.001		
9/9/12 3:00	154800	2580	80.962	19.627	108.634	0.022		
9/9/12 4:00	158400	2640	80.968	19.633	108.62	0.008		
9/9/12 5:00	162000	2700	80.943	19.638	108.679	0.067		
9/9/12 6:00	165600	2760	80.974	19.633	108.606	-0.006		
9/9/12 7:00	169200	2820	80.96	19.632	108.641	0.029		
9/9/12 8:00	172800	2880	80.963	19.632	108.632	0.02		
9/9/12 9:00	176400	2940	80.958	19.629	108.644	0.032		
9/9/12 10:00	180000	3000	80.965	19.635	108.628	0.016		
9/9/12 11:00	183600	3060	80.974	19.633	108.606	-0.006		
9/9/12 12:00	187200	3120	80.977	19.634	108.601	-0.011		
9/9/12 13:00	190800	3180	80.968	19.639	108.62	0.008		
9/9/12 14:00	194400	3240	80.971	19.631	108.615	0.003		
9/9/12 15:00	198000	3300	80.986	19.626	108.58	-0.032		
9/9/12 16:00	201600	3360	80.965	19.636	108.628	0.016		
9/9/12 17:00	205200	3420	80.975	19.63	108.604	-0.008		
9/9/12 18:00	208800	3480	80.962	19.636	108.634	0.022		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/9/12 19:00	212400	3540	80.977	19.63	108.601	-0.011		
9/9/12 20:00	216000	3600	80.966	19.624	108.626	0.014		
9/9/12 21:00	219600	3660	80.964	19.631	108.63	0.018		
9/9/12 22:00	223200	3720	80.97	19.637	108.616	0.004		
9/9/12 23:00	226800	3780	80.969	19.636	108.619	0.007		
9/10/12 0:00	230400	3840	80.972	19.63	108.612	0		
9/10/12 1:00	234000	3900	80.971	19.626	108.615	0.003		
9/10/12 2:00	237600	3960	80.98	19.633	108.594	-0.018		
9/10/12 3:00	241200	4020	80.966	19.63	108.625	0.013		
9/10/12 4:00	244800	4080	80.961	19.63	108.638	0.026		
9/10/12 5:00	248400	4140	80.983	19.636	108.586	-0.026		
9/10/12 6:00	252000	4200	80.965	19.631	108.628	0.016		
9/10/12 7:00	255600	4260	80.969	19.631	108.62	0.008		
9/10/12 8:00	259200	4320	80.965	19.628	108.628	0.016		
9/10/12 9:00	262800	4380	80.963	19.628	108.632	0.02		
9/10/12 10:00	266400	4440	80.975	19.626	108.604	-0.008		
9/10/12 11:00	270000	4500	80.976	19.629	108.603	-0.009		
9/10/12 12:00	273600	4560	80.973	19.631	108.609	-0.003		
9/10/12 13:00	277200	4620	80.977	19.631	108.6	-0.012		
9/10/12 14:00	280800	4680	80.991	19.635	108.568	-0.044		
9/10/12 15:00	284400	4740	80.972	19.63	108.612	0		
9/10/12 15:10							108.70	
9/10/12 16:00	288000	4800	80.968	19.631	108.62	0.008		
9/10/12 17:00	291600	4860	80.991	19.631	108.568	-0.044		
9/10/12 18:00	295200	4920	80.962	19.635	108.636	0.024		
9/10/12 19:00	298800	4980	80.959	19.637	108.642	0.03		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/10/12 20:00	302400	5040	80.967	19.633	108.624	0.012		
9/10/12 21:00	306000	5100	80.94	19.633	108.686	0.074		
9/10/12 22:00	309600	5160	80.971	19.63	108.614	0.002		
9/10/12 23:00	313200	5220	80.973	19.63	108.609	-0.003		
9/11/12 0:00	316800	5280	80.976	19.628	108.603	-0.009		
9/11/12 1:00	320400	5340	80.958	19.63	108.645	0.033		
9/11/12 2:00	324000	5400	80.969	19.63	108.62	0.008		
9/11/12 3:00	327600	5460	80.972	19.631	108.613	0.001		
9/11/12 4:00	331200	5520	80.962	19.634	108.636	0.024		
9/11/12 5:00	334800	5580	80.98	19.628	108.594	-0.018		
9/11/12 6:00	338400	5640	80.969	19.637	108.619	0.007		
9/11/12 7:00	342000	5700	80.969	19.629	108.619	0.007		
9/11/12 8:00	345600	5760	80.962	19.63	108.636	0.024		
9/11/12 9:00	349200	5820	80.971	19.633	108.615	0.003		
9/11/12 10:00	352800	5880	80.969	19.636	108.62	0.008		
9/11/12 11:00	356400	5940	80.972	19.634	108.613	0.001		
9/11/12 12:00	360000	6000	80.977	19.636	108.601	-0.011		
9/11/12 13:00	363600	6060	80.973	19.635	108.609	-0.003		
9/11/12 13:00							108.71	
9/11/12 14:00	367200	6120	80.984	19.633	108.583	-0.029		
9/11/12 15:00	370800	6180	80.988	19.629	108.574	-0.038		
9/11/12 16:00	374400	6240	80.986	19.629	108.581	-0.031		
9/11/12 17:00	378000	6300	80.981	19.632	108.591	-0.021		
9/11/12 18:00	381600	6360	80.982	19.628	108.588	-0.024		
9/11/12 19:00	385200	6420	80.985	19.632	108.583	-0.029		
9/11/12 20:00	388800	6480	80.973	19.631	108.609	-0.003		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/11/12 21:00	392400	6540	80.976	19.633	108.603	-0.009		
9/11/12 22:00	396000	6600	80.975	19.632	108.604	-0.008		
9/11/12 23:00	399600	6660	80.974	19.631	108.608	-0.004		
9/12/12 0:00	403200	6720	80.977	19.633	108.601	-0.011		
9/12/12 1:00	406800	6780	80.989	19.635	108.573	-0.039		
9/12/12 2:00	410400	6840	80.967	19.629	108.624	0.012		
9/12/12 3:00	414000	6900	80.989	19.632	108.573	-0.039		
9/12/12 4:00	417600	6960	80.986	19.626	108.578	-0.034		
9/12/12 5:00	421200	7020	80.988	19.635	108.574	-0.038		
9/12/12 6:00	424800	7080	80.97	19.635	108.616	0.004		
9/12/12 7:00	428400	7140	80.981	19.629	108.591	-0.021		
9/12/12 8:00	432000	7200	80.99	19.628	108.57	-0.042		
9/12/12 9:00	435600	7260	80.98	19.631	108.594	-0.018		
9/12/12 10:00	439200	7320	80.988	19.638	108.574	-0.038		
9/12/12 11:00	442800	7380	81.001	19.633	108.545	-0.067		
9/12/12 12:00	446400	7440	80.979	19.634	108.596	-0.016		
9/12/12 13:00	450000	7500	80.973	19.637	108.61	-0.002		
9/12/12 14:00	453600	7560	80.972	19.632	108.613	0.001		
9/12/12 15:00	457200	7620	80.973	19.636	108.609	-0.003		
9/12/12 16:00	460800	7680	80.975	19.634	108.604	-0.008		
9/12/12 17:00	464400	7740	80.977	19.632	108.6	-0.012		
9/12/12 18:00	468000	7800	80.982	19.633	108.59	-0.022		
9/12/12 19:00	471600	7860	80.971	19.628	108.614	0.002		
9/12/12 20:00	475200	7920	80.982	19.634	108.588	-0.024		
9/12/12 21:00	478800	7980	80.965	19.637	108.628	0.016		
9/12/12 22:00	482400	8040	80.967	19.63	108.624	0.012		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/12/12 23:00	486000	8100	80.979	19.632	108.596	-0.016		
9/13/12 0:00	489600	8160	80.974	19.632	108.608	-0.004		
9/13/12 1:00	493200	8220	80.98	19.634	108.594	-0.018		
9/13/12 2:00	496800	8280	80.982	19.633	108.588	-0.024		
9/13/12 3:00	500400	8340	80.984	19.635	108.583	-0.029		
9/13/12 4:00	504000	8400	80.995	19.631	108.559	-0.053		
9/13/12 5:00	507600	8460	80.979	19.634	108.596	-0.016		
9/13/12 6:00	511200	8520	80.987	19.634	108.577	-0.035		
9/13/12 7:00	514800	8580	80.986	19.634	108.578	-0.034		
9/13/12 8:00	518400	8640	80.978	19.634	108.597	-0.015		
9/13/12 9:00	522000	8700	80.98	19.634	108.592	-0.02		
9/13/12 10:00	525600	8760	80.97	19.632	108.616	0.004		
9/13/12 11:00	529200	8820	80.985	19.629	108.583	-0.029		
9/13/12 12:00	532800	8880	80.973	19.628	108.61	-0.002		
9/13/12 13:00	536400	8940	80.975	19.633	108.604	-0.008		
9/13/12 14:00	540000	9000	80.973	19.629	108.609	-0.003		
9/13/12 15:00	543600	9060	80.98	19.633	108.592	-0.02		
9/13/12 16:00	547200	9120	80.982	19.63	108.59	-0.022		
9/13/12 17:00	550800	9180	80.977	19.63	108.601	-0.011		
9/13/12 18:00	554400	9240	80.948	19.634	108.666	0.054		
9/13/12 19:00	558000	9300	80.977	19.627	108.601	-0.011		
9/13/12 20:00	561600	9360	80.973	19.629	108.609	-0.003		
9/13/12 21:00	565200	9420	80.981	19.628	108.591	-0.021		
9/13/12 22:00	568800	9480	80.977	19.628	108.6	-0.012		
9/13/12 23:00	572400	9540	80.95	19.633	108.663	0.051		
9/14/12 0:00	576000	9600	80.981	19.631	108.591	-0.021		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/14/12 1:00	579600	9660	80.981	19.632	108.591	-0.021		
9/14/12 2:00	583200	9720	80.984	19.633	108.583	-0.029		
9/14/12 3:00	586800	9780	80.974	19.632	108.608	-0.004		
9/14/12 4:00	590400	9840	80.977	19.636	108.6	-0.012		
9/14/12 5:00	594000	9900	80.984	19.634	108.585	-0.027		
9/14/12 6:00	597600	9960	80.956	19.638	108.648	0.036		
9/14/12 7:00	601200	10020	80.99	19.634	108.571	-0.041		
9/14/12 8:00	604800	10080	80.972	19.638	108.613	0.001		
9/14/12 9:00	608400	10140	80.982	19.632	108.59	-0.022		
9/14/12 10:00	612000	10200	80.984	19.631	108.583	-0.029		
9/14/12 11:00	615600	10260	80.971	19.634	108.614	0.002		
9/14/12 12:00	619200	10320	80.973	19.641	108.61	-0.002		
9/14/12 13:00	622800	10380	80.979	19.638	108.596	-0.016		
9/14/12 14:00	626400	10440	80.988	19.637	108.574	-0.038		
9/14/12 15:00	630000	10500	80.984	19.634	108.585	-0.027		
9/14/12 16:00	633600	10560	80.974	19.634	108.606	-0.006		
9/14/12 17:00	637200	10620	80.992	19.633	108.565	-0.047		
9/14/12 18:00	640800	10680	80.973	19.636	108.609	-0.003		
9/14/12 19:00	644400	10740	80.981	19.635	108.591	-0.021		
9/14/12 20:00	648000	10800	80.981	19.636	108.591	-0.021		
9/14/12 21:00	651600	10860	80.966	19.636	108.626	0.014		
9/14/12 22:00	655200	10920	80.964	19.628	108.63	0.018		
9/14/12 23:00	658800	10980	80.986	19.634	108.58	-0.032		
9/15/12 0:00	662400	11040	80.948	19.632	108.668	0.056		
9/15/12 1:00	666000	11100	80.987	19.635	108.577	-0.035		
9/15/12 2:00	669600	11160	80.958	19.635	108.644	0.032		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/15/12 3:00	673200	11220	80.977	19.633	108.6	-0.012		
9/15/12 4:00	676800	11280	80.98	19.629	108.592	-0.02		
9/15/12 5:00	680400	11340	80.982	19.632	108.59	-0.022		
9/15/12 6:00	684000	11400	80.976	19.632	108.603	-0.009		
9/15/12 7:00	687600	11460	80.973	19.627	108.609	-0.003		
9/15/12 8:00	691200	11520	80.979	19.627	108.596	-0.016		
9/15/12 9:00	694800	11580	80.986	19.63	108.578	-0.034		
9/15/12 10:00	698400	11640	80.98	19.63	108.592	-0.02		
9/15/12 11:00	702000	11700	80.982	19.633	108.588	-0.024		
9/15/12 12:00	705600	11760	80.973	19.633	108.609	-0.003		
9/15/12 13:00	709200	11820	80.977	19.633	108.6	-0.012		
9/15/12 14:00	712800	11880	80.985	19.629	108.583	-0.029		
9/15/12 15:00	716400	11940	80.973	19.627	108.61	-0.002		
9/15/12 16:00	720000	12000	80.969	19.634	108.619	0.007		
9/15/12 17:00	723600	12060	80.981	19.632	108.591	-0.021		
9/15/12 18:00	727200	12120	80.977	19.63	108.6	-0.012		
9/15/12 19:00	730800	12180	80.962	19.63	108.634	0.022		
9/15/12 20:00	734400	12240	80.984	19.636	108.585	-0.027		
9/15/12 21:00	738000	12300	80.977	19.631	108.6	-0.012		
9/15/12 22:00	741600	12360	80.973	19.636	108.61	-0.002		
9/15/12 23:00	745200	12420	80.963	19.635	108.632	0.02		
9/16/12 0:00	748800	12480	80.975	19.631	108.604	-0.008		
9/16/12 1:00	752400	12540	80.984	19.631	108.585	-0.027		
9/16/12 2:00	756000	12600	80.986	19.631	108.581	-0.031		
9/16/12 3:00	759600	12660	80.987	19.628	108.577	-0.035		
9/16/12 4:00	763200	12720	80.99	19.631	108.57	-0.042		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/16/12 5:00	766800	12780	80.974	19.635	108.608	-0.004		
9/16/12 6:00	770400	12840	80.984	19.629	108.583	-0.029		
9/16/12 7:00	774000	12900	80.979	19.633	108.595	-0.017		
9/16/12 8:00	777600	12960	80.992	19.634	108.567	-0.045		
9/16/12 9:00	781200	13020	80.986	19.634	108.58	-0.032		
9/16/12 10:00	784800	13080	80.99	19.631	108.571	-0.041		
9/16/12 11:00	788400	13140	80.982	19.634	108.588	-0.024		
9/16/12 12:00	792000	13200	80.985	19.63	108.583	-0.029		
9/16/12 13:00	795600	13260	80.982	19.634	108.59	-0.022		
9/16/12 14:00	799200	13320	80.981	19.629	108.591	-0.021		
9/16/12 15:00	802800	13380	80.98	19.627	108.592	-0.02		
9/16/12 16:00	806400	13440	80.989	19.628	108.573	-0.039		
9/16/12 17:00	810000	13500	80.992	19.631	108.565	-0.047		
9/16/12 18:00	813600	13560	80.984	19.63	108.583	-0.029		
9/16/12 19:00	817200	13620	80.96	19.628	108.639	0.027		
9/16/12 20:00	820800	13680	80.984	19.632	108.585	-0.027		
9/16/12 21:00	824400	13740	80.973	19.629	108.61	-0.002		
9/16/12 22:00	828000	13800	80.954	19.628	108.654	0.042		
9/16/12 23:00	831600	13860	80.971	19.633	108.614	0.002		
9/17/12 0:00	835200	13920	80.973	19.628	108.61	-0.002		
9/17/12 1:00	838800	13980	80.965	19.626	108.628	0.016		
9/17/12 2:00	842400	14040	80.973	19.628	108.609	-0.003		
9/17/12 3:00	846000	14100	80.962	19.629	108.636	0.024		
9/17/12 4:00	849600	14160	80.984	19.627	108.585	-0.027		
9/17/12 5:00	853200	14220	80.982	19.63	108.588	-0.024		
9/17/12 6:00	856800	14280	80.973	19.628	108.609	-0.003		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/17/12 7:00	860400	14340	80.957	19.626	108.647	0.035		
9/17/12 8:00	864000	14400	80.955	19.629	108.65	0.038		
9/17/12 9:00	867600	14460	80.982	19.626	108.588	-0.024		
9/17/12 10:00	871200	14520	80.978	19.627	108.597	-0.015		
9/17/12 11:00	874800	14580	80.962	19.631	108.636	0.024		
9/17/12 12:00	878400	14640	80.978	19.635	108.597	-0.015		
9/17/12 13:00	882000	14700	80.971	19.631	108.614	0.002		
9/17/12 13:40							108.70	
9/17/12 14:00	885600	14760	80.966	19.633	108.626	0.014		
9/17/12 15:00	889200	14820	80.986	19.63	108.581	-0.031		
9/17/12 16:00	892800	14880	80.986	19.63	108.578	-0.034		
9/17/12 17:00	896400	14940	80.973	19.635	108.609	-0.003		
9/17/12 18:00	900000	15000	80.957	19.635	108.645	0.033		
9/17/12 19:00	903600	15060	80.977	19.636	108.6	-0.012		
9/17/12 20:00	907200	15120	80.973	19.632	108.609	-0.003		
9/17/12 21:00	910800	15180	80.975	19.633	108.604	-0.008		
9/17/12 22:00	914400	15240	80.955	19.631	108.65	0.038		
9/17/12 23:00	918000	15300	80.985	19.634	108.583	-0.029		
9/18/12 0:00	921600	15360	80.977	19.633	108.6	-0.012		
9/18/12 1:00	925200	15420	80.964	19.635	108.63	0.018		
9/18/12 2:00	928800	15480	80.966	19.631	108.625	0.013		
9/18/12 3:00	932400	15540	80.98	19.632	108.594	-0.018		
9/18/12 4:00	936000	15600	80.986	19.634	108.58	-0.032		
9/18/12 5:00	939600	15660	80.97	19.63	108.616	0.004		
9/18/12 6:00	943200	15720	80.96	19.63	108.641	0.029		
9/18/12 7:00	946800	15780	80.966	19.638	108.626	0.014		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/18/12 8:00	950400	15840	80.977	19.632	108.6	-0.012		
9/18/12 9:00	954000	15900	80.991	19.631	108.568	-0.044		
9/18/12 10:00	957600	15960	80.986	19.636	108.58	-0.032		
9/18/12 11:00	961200	16020	80.982	19.634	108.588	-0.024		
9/18/12 12:00	964800	16080	80.995	19.63	108.558	-0.054		
9/18/12 13:00	968400	16140	80.971	19.626	108.615	0.003		
9/18/12 14:00	972000	16200	80.974	19.632	108.606	-0.006		
9/18/12 15:00	975600	16260	80.991	19.634	108.568	-0.044		
9/18/12 16:00	979200	16320	80.98	19.632	108.592	-0.02		
9/18/12 17:00	982800	16380	80.974	19.633	108.608	-0.004		
9/18/12 18:00	986400	16440	80.988	19.633	108.575	-0.037		
9/18/12 19:00	990000	16500	80.976	19.634	108.603	-0.009		
9/18/12 20:00	993600	16560	80.992	19.635	108.567	-0.045		
9/18/12 21:00	997200	16620	80.986	19.637	108.578	-0.034		
9/18/12 22:00	1000800	16680	80.977	19.634	108.6	-0.012		
9/18/12 23:00	1004400	16740	80.977	19.635	108.6	-0.012		
9/19/12 0:00	1008000	16800	80.986	19.632	108.581	-0.031		
9/19/12 1:00	1011600	16860	80.972	19.629	108.613	0.001		
9/19/12 2:00	1015200	16920	80.98	19.636	108.592	-0.02		
9/19/12 3:00	1018800	16980	80.982	19.639	108.59	-0.022		
9/19/12 4:00	1022400	17040	80.961	19.634	108.638	0.026		
9/19/12 5:00	1026000	17100	80.979	19.636	108.596	-0.016		
9/19/12 6:00	1029600	17160	80.988	19.633	108.574	-0.038		
9/19/12 7:00	1033200	17220	80.978	19.635	108.597	-0.015		
9/19/12 8:00	1036800	17280	80.98	19.633	108.592	-0.02		
9/19/12 9:00	1040400	17340	80.982	19.633	108.59	-0.022		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/19/12 10:00	1044000	17400	80.992	19.63	108.565	-0.047		
9/19/12 11:00	1047600	17460	80.995	19.633	108.558	-0.054		
9/19/12 12:00	1051200	17520	80.992	19.634	108.565	-0.047		
9/19/12 13:00	1054800	17580	80.966	19.63	108.626	0.014		
9/19/12 13:55							108.70	
9/19/12 14:00	1058400	17640	80.983	19.635	108.586	-0.026		
9/19/12 15:00	1062000	17700	80.986	19.635	108.578	-0.034		
9/19/12 16:00	1065600	17760	80.985	19.636	108.583	-0.029		
9/19/12 17:00	1069200	17820	80.982	19.635	108.588	-0.024		
9/19/12 18:00	1072800	17880	80.969	19.635	108.62	0.008		
9/19/12 19:00	1076400	17940	80.973	19.635	108.61	-0.002		
9/19/12 20:00	1080000	18000	80.969	19.633	108.619	0.007		
9/19/12 21:00	1083600	18060	80.978	19.631	108.597	-0.015		
9/19/12 22:00	1087200	18120	80.972	19.633	108.613	0.001		
9/19/12 23:00	1090800	18180	81.001	19.631	108.545	-0.067		
9/20/12 0:00	1094400	18240	80.985	19.638	108.583	-0.029		
9/20/12 1:00	1098000	18300	80.973	19.635	108.609	-0.003		
9/20/12 2:00	1101600	18360	80.965	19.632	108.628	0.016		
9/20/12 3:00	1105200	18420	80.956	19.635	108.648	0.036		
9/20/12 4:00	1108800	18480	80.969	19.633	108.619	0.007		
9/20/12 5:00	1112400	18540	80.986	19.634	108.58	-0.032		
9/20/12 6:00	1116000	18600	80.988	19.634	108.575	-0.037		
9/20/12 7:00	1119600	18660	80.982	19.631	108.59	-0.022		
9/20/12 8:00	1123200	18720	80.984	19.632	108.583	-0.029		
9/20/12 9:00	1126800	18780	80.986	19.635	108.578	-0.034		
9/20/12 10:00	1130400	18840	80.977	19.626	108.6	-0.012		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/20/12 11:00	1134000	18900	80.984	19.631	108.583	-0.029		
9/20/12 12:00	1137600	18960	80.988	19.631	108.574	-0.038		
9/20/12 13:00	1141200	19020	80.98	19.63	108.594	-0.018		
9/20/12 14:00	1144800	19080	80.948	19.631	108.667	0.055		
9/20/12 15:00	1148400	19140	80.991	19.633	108.568	-0.044		
9/20/12 16:00	1152000	19200	80.986	19.633	108.58	-0.032		
9/20/12 17:00	1155600	19260	80.988	19.634	108.574	-0.038		
9/20/12 18:00	1159200	19320	80.978	19.632	108.597	-0.015		
9/20/12 19:00	1162800	19380	80.971	19.636	108.614	0.002		
9/20/12 20:00	1166400	19440	80.973	19.636	108.61	-0.002		
9/20/12 21:00	1170000	19500	80.979	19.634	108.596	-0.016		
9/20/12 22:00	1173600	19560	80.982	19.634	108.59	-0.022		
9/20/12 23:00	1177200	19620	80.986	19.635	108.578	-0.034		
9/21/12 0:00	1180800	19680	80.982	19.632	108.588	-0.024		
9/21/12 1:00	1184400	19740	80.986	19.632	108.58	-0.032		
9/21/12 2:00	1188000	19800	80.973	19.639	108.609	-0.003		
9/21/12 3:00	1191600	19860	80.983	19.634	108.586	-0.026		
9/21/12 4:00	1195200	19920	80.974	19.631	108.606	-0.006		
9/21/12 5:00	1198800	19980	80.972	19.634	108.612	0		
9/21/12 6:00	1202400	20040	80.969	19.634	108.619	0.007		
9/21/12 7:00	1206000	20100	80.991	19.635	108.568	-0.044		
9/21/12 8:00	1209600	20160	80.98	19.637	108.592	-0.02		
9/21/12 9:00	1213200	20220	80.976	19.636	108.603	-0.009		
9/21/12 10:00	1216800	20280	80.99	19.64	108.57	-0.042		
9/21/12 10:00							108.74	
9/21/12 11:00	1220400	20340	80.977	19.63	108.6	-0.012		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/21/12 12:00	1224000	20400	80.988	19.635	108.575	-0.037		
9/21/12 13:00	1227600	20460	80.992	19.634	108.565	-0.047		
9/21/12 14:00	1231200	20520	80.986	19.635	108.581	-0.031		
9/21/12 15:00	1234800	20580	80.989	19.637	108.573	-0.039		
9/21/12 16:00	1238400	20640	80.99	19.634	108.571	-0.041		
9/21/12 17:00	1242000	20700	80.986	19.63	108.581	-0.031		
9/21/12 18:00	1245600	20760	80.977	19.633	108.6	-0.012		
9/21/12 19:00	1249200	20820	80.967	19.638	108.624	0.012		
9/21/12 20:00	1252800	20880	80.981	19.63	108.591	-0.021		
9/21/12 21:00	1256400	20940	80.982	19.633	108.59	-0.022		
9/21/12 22:00	1260000	21000	80.952	19.632	108.657	0.045		
9/21/12 23:00	1263600	21060	80.972	19.638	108.612	0		
9/22/12 0:00	1267200	21120	80.955	19.633	108.65	0.038		
9/22/12 1:00	1270800	21180	80.983	19.635	108.586	-0.026		
9/22/12 2:00	1274400	21240	80.96	19.632	108.641	0.029		
9/22/12 3:00	1278000	21300	80.973	19.633	108.609	-0.003		
9/22/12 4:00	1281600	21360	80.982	19.631	108.59	-0.022		
9/22/12 5:00	1285200	21420	80.988	19.633	108.574	-0.038		
9/22/12 6:00	1288800	21480	80.976	19.628	108.603	-0.009		
9/22/12 7:00	1292400	21540	80.989	19.632	108.573	-0.039		
9/22/12 8:00	1296000	21600	80.986	19.631	108.578	-0.034		
9/22/12 9:00	1299600	21660	80.981	19.631	108.591	-0.021		
9/22/12 10:00	1303200	21720	80.966	19.632	108.625	0.013		
9/22/12 11:00	1306800	21780	80.966	19.636	108.625	0.013		
9/22/12 12:00	1310400	21840	80.994	19.631	108.562	-0.05		
9/22/12 13:00	1314000	21900	80.981	19.631	108.591	-0.021		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/22/12 14:00	1317600	21960	80.98	19.632	108.592	-0.02		
9/22/12 15:00	1321200	22020	80.982	19.633	108.59	-0.022		
9/22/12 16:00	1324800	22080	80.977	19.636	108.601	-0.011		
9/22/12 17:00	1328400	22140	80.975	19.633	108.604	-0.008		
9/22/12 18:00	1332000	22200	80.977	19.633	108.6	-0.012		
9/22/12 19:00	1335600	22260	80.99	19.631	108.571	-0.041		
9/22/12 20:00	1339200	22320	80.985	19.637	108.583	-0.029		
9/22/12 21:00	1342800	22380	80.983	19.636	108.586	-0.026		
9/22/12 22:00	1346400	22440	80.989	19.635	108.573	-0.039		
9/22/12 23:00	1350000	22500	80.978	19.634	108.597	-0.015		
9/23/12 0:00	1353600	22560	80.994	19.632	108.562	-0.05		
9/23/12 1:00	1357200	22620	80.986	19.632	108.578	-0.034		
9/23/12 2:00	1360800	22680	80.966	19.636	108.626	0.014		
9/23/12 3:00	1364400	22740	80.971	19.634	108.614	0.002		
9/23/12 4:00	1368000	22800	80.983	19.635	108.586	-0.026		
9/23/12 5:00	1371600	22860	80.991	19.633	108.568	-0.044		
9/23/12 6:00	1375200	22920	80.971	19.635	108.614	0.002		
9/23/12 7:00	1378800	22980	80.995	19.628	108.559	-0.053		
9/23/12 8:00	1382400	23040	80.985	19.634	108.583	-0.029		
9/23/12 9:00	1386000	23100	80.99	19.631	108.57	-0.042		
9/23/12 10:00	1389600	23160	80.942	19.631	108.682	0.07		
9/23/12 11:00	1393200	23220	80.991	19.633	108.568	-0.044		
9/23/12 12:00	1396800	23280	80.974	19.636	108.606	-0.006		
9/23/12 13:00	1400400	23340	81.004	19.635	108.539	-0.073		
9/23/12 14:00	1404000	23400	80.986	19.634	108.578	-0.034		
9/23/12 15:00	1407600	23460	80.986	19.635	108.581	-0.031		

Table F-9
Orchard Well Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Elapsed Time (seconds)	Elapsed Time (minutes)	Pressure (PSI)	Temp. (C)	Level Depth To Water (ft btoc)	Drawdown (ft)	Manual DTW (ft btoc)	Comments
9/23/12 16:00	1411200	23520	80.991	19.635	108.568	-0.044		
9/23/12 17:00	1414800	23580	81.001	19.635	108.545	-0.067		
9/23/12 18:00	1418400	23640	80.98	19.638	108.594	-0.018		
9/23/12 19:00	1422000	23700	80.986	19.636	108.58	-0.032		
9/23/12 20:00	1425600	23760	80.989	19.639	108.573	-0.039		
9/23/12 21:00	1429200	23820	80.994	19.64	108.562	-0.05		
9/23/12 22:00	1432800	23880	80.949	19.635	108.665	0.053		
9/23/12 23:00	1436400	23940	80.997	19.635	108.554	-0.058		
9/24/12 0:00	1440000	24000	80.981	19.635	108.591	-0.021		
9/24/12 1:00	1443600	24060	80.988	19.634	108.575	-0.037		
9/24/12 2:00	1447200	24120	80.985	19.632	108.583	-0.029		
9/24/12 3:00	1450800	24180	80.999	19.628	108.549	-0.063		
9/24/12 4:00	1454400	24240	80.994	19.631	108.562	-0.05		
9/24/12 5:00	1458000	24300	80.974	19.631	108.606	-0.006		
9/24/12 6:00	1461600	24360	80.971	19.627	108.614	0.002		
9/24/12 7:00	1465200	24420	80.974	19.637	108.608	-0.004		
9/24/12 8:00	1468800	24480	80.98	19.632	108.594	-0.018		
9/24/12 9:00	1472400	24540	80.971	19.633	108.613	0.001		
9/24/12 10:00	1476000	24600	80.955	19.631	108.65	0.038		
9/24/12 11:00	1479600	24660	80.989	19.627	108.573	-0.039		
9/24/12 12:00	1483200	24720	80.991	19.627	108.568	-0.044		
9/24/12 13:00	1486800	24780	80.972	19.629	108.612	0		
9/24/12 14:00	1490400	24840	81	19.634	108.548	-0.064		

Notes:

PSI: Pounds per square inch

ft btoc: feet below top of casing

C: Degrees Celcius

gpm: gallons per minute

Table F-10

Well 2 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Level Depth To Water (ft btoc)
8/24/2012 8:30	131.06
8/27/2012 14:30	131.08
8/28/2012 8:15	131.12
8/28/2012 15:10	131.40
8/29/2012 8:30	131.08
8/29/2012 16:15	131.04
8/30/2012 8:20	131.08
9/5/2012 9:33	131.08
9/6/2012 9:25	131.11
9/6/2012 14:50	131.14
9/7/2012 9:00	131.06
9/7/2012 13:05	131.05
9/8/2012 11:45	131.23
9/10/2012 15:25	131.42
9/11/2012 13:25	131.45
9/19/2012 14:10	131.50
9/21/2012 9:45	131.50
9/24/2012 13:30	131.48

Notes:

ft btoc: feet below top of casing

Table F-11

Well 4 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Level Depth To Water (ft btoc)
8/24/2012 8:00	113.98
8/27/2012 13:55	113.80
8/28/2012 8:00	114.00
8/28/2012 15:35	113.92
8/29/2012 8:00	113.92
8/29/2012 15:45	113.95
8/30/2012 7:55	113.97
9/4/2012 15:50	114.02
9/5/2012 9:15	113.97
9/5/2012 15:00	113.98
9/6/2012 9:00	113.97
9/7/2012 8:35	113.90
9/7/2012 13:05	113.90
9/7/2012 19:25	113.92
9/8/2012 11:26	114.04
9/10/2012 15:00	113.94
9/11/2012 12:50	113.96
9/17/2012 13:35	113.91
9/19/2012 13:50	113.95
9/21/2012 9:55	113.99
9/24/2012 13:15	113.91

Notes:

ft btoc: feet below top of casing

Table F-12

MW-2 Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Level Depth To Water (ft btoc)
8/24/2012 8:08	109.06
8/27/2012 13:50	109.02
8/28/2012 7:50	109.40
8/28/2012 15:55	109.35
8/29/2012 8:10	109.02
8/29/2012 15:55	108.99
8/30/2012 8:05	109.03
9/4/2012 15:55	108.98
9/5/2012 9:25	109.01
9/5/2012 15:15	109.00
9/6/2012 9:09	109.00
9/7/2012 8:50	108.95
9/7/2012 12:55	108.93
9/7/2012 19:35	108.95
9/8/2012 11:33	108.94
9/10/2012 15:15	108.94
9/11/2012 13:05	108.95
9/17/2012 13:45	108.94
9/19/2012 14:00	108.95
9/21/2012 10:05	108.98
9/24/2012 13:00	108.88

Notes:

ft btoc: feet below top of casing

Stump Spring Monitoring Well Water Level Data

Appendix G
Stump Spring Monitoring Well Water Level Data
Provided by United States Bureau of Land Management

Date	Time	Level (Height of water column above probe) (ft)	Temp. (F)	Drawdown (ft)	Comments
2/28/2012	14:34:18	16.139	65.933	5.9536	
2/29/2012	14:34:18	22.2262	65.511	-0.1336	
3/1/2012	14:34:18	22.3304	65.509	-0.2378	
3/2/2012	14:34:18	23.3787	65.509	-1.2861	
3/3/2012	14:34:18	22.6437	65.505	-0.5511	
3/4/2012	14:34:18	22.2108	65.504	-0.1182	
3/5/2012	14:34:18	22.229	65.509	-0.1364	
3/6/2012	14:34:18	21.495	65.508	0.5976	
3/7/2012	14:34:18	23.8906	65.511	-1.798	
3/8/2012	14:34:18	23.1708	65.506	-1.0782	
3/9/2012	14:34:18	22.3757	65.506	-0.2831	
3/10/2012	14:34:18	22.0675	65.507	0.0251	
3/11/2012	14:34:18	22.4868	65.508	-0.3942	
3/12/2012	14:34:18	22.8772	65.509	-0.7846	
3/13/2012	14:34:18	22.6582	65.508	-0.5656	
3/14/2012	14:34:18	22.9433	65.509	-0.8507	
3/15/2012	14:34:18	22.6552	65.51	-0.5626	
3/16/2012	14:34:18	22.3925	65.516	-0.2999	
3/17/2012	14:34:18	22.1874	65.508	-0.0948	
3/18/2012	14:34:18	22.9913	65.513	-0.8987	
3/19/2012	14:34:18	23.2792	65.513	-1.1866	
3/20/2012	14:34:18	23.2877	65.512	-1.1951	
3/21/2012	14:34:18	22.5824	65.511	-0.4898	
3/22/2012	14:34:18	22.4098	65.514	-0.3172	
3/23/2012	14:34:18	22.9873	65.514	-0.8947	
3/24/2012	14:34:18	22.7145	65.511	-0.6219	
3/25/2012	14:34:18	22.4144	65.515	-0.3218	
3/26/2012	14:34:18	23.6167	65.514	-1.5241	
3/27/2012	14:34:18	22.655	65.512	-0.5624	
3/28/2012	14:34:18	22.8843	65.516	-0.7917	
3/29/2012	14:34:18	22.8038	65.515	-0.7112	
3/30/2012	14:34:18	22.8255	65.514	-0.7329	
3/31/2012	14:34:18	22.596	65.519	-0.5034	
4/1/2012	14:34:18	23.217	65.514	-1.1244	
4/2/2012	14:34:18	22.9847	65.52	-0.8921	
4/3/2012	14:34:18	22.8858	65.515	-0.7932	
4/4/2012	14:34:18	22.6453	65.512	-0.5527	
4/5/2012	14:34:18	22.8017	65.518	-0.7091	
4/6/2012	14:34:18	23.7356	65.515	-1.643	
4/7/2012	14:34:18	22.8284	65.516	-0.7358	
4/8/2012	14:34:18	22.8423	65.517	-0.7497	

Appendix G
Stump Spring Monitoring Well Water Level Data
Provided by United States Bureau of Land Management

4/9/2012	14:34:18	22.715	65.518	-0.6224	
4/10/2012	14:34:18	22.6595	65.516	-0.5669	
4/11/2012	14:34:18	23.2437	65.52	-1.1511	
4/12/2012	14:34:18	23.1562	65.517	-1.0636	
4/13/2012	14:34:18	22.4804	65.522	-0.3878	
4/14/2012	14:34:18	23.3513	65.521	-1.2587	
4/15/2012	14:34:18	23.5831	65.518	-1.4905	
4/16/2012	14:34:18	23.1322	65.515	-1.0396	
4/17/2012	14:34:18	22.8097	65.514	-0.7171	
4/18/2012	14:34:18	22.8368	65.517	-0.7442	
4/19/2012	14:34:18	23.2165	65.517	-1.1239	
4/20/2012	14:34:18	23.1677	65.514	-1.0751	
4/21/2012	14:34:18	22.905	65.52	-0.8124	
4/22/2012	14:34:18	23.015	65.513	-0.9224	
4/23/2012	14:34:18	23.0004	65.515	-0.9078	
4/24/2012	14:34:18	23.2936	65.518	-1.201	
4/25/2012	14:34:18	23.0678	65.518	-0.9752	
4/26/2012	14:34:18	23.0051	65.521	-0.9125	
4/27/2012	14:34:18	23.4818	65.518	-1.3892	
4/28/2012	14:34:18	22.8977	65.516	-0.8051	
4/29/2012	14:34:18	23.2394	65.518	-1.1468	
4/30/2012	14:34:18	23.1411	65.518	-1.0485	
5/1/2012	14:34:18	22.8627	65.518	-0.7701	
5/2/2012	14:34:18	23.4283	65.519	-1.3357	
5/3/2012	14:34:18	23.3891	65.519	-1.2965	
5/4/2012	14:34:18	23.3878	65.521	-1.2952	
5/5/2012	14:34:18	23.3357	65.522	-1.2431	
5/6/2012	14:34:18	23.2138	65.521	-1.1212	
5/7/2012	14:34:18	23.19	65.52	-1.0974	
5/8/2012	14:34:18	23.1857	65.523	-1.0931	
5/9/2012	14:34:18	23.1853	65.519	-1.0927	
5/10/2012	14:34:18	23.0561	65.522	-0.9635	
5/11/2012	14:34:18	23.5252	65.52	-1.4326	
5/12/2012	14:34:18	23.5997	65.522	-1.5071	
5/13/2012	14:34:18	23.3022	65.521	-1.2096	
5/14/2012	14:34:18	23.0989	65.515	-1.0063	
5/15/2012	14:34:18	23.2591	65.518	-1.1665	
5/16/2012	14:34:18	23.295	65.524	-1.2024	
5/17/2012	14:34:18	22.9891	65.52	-0.8965	
5/18/2012	14:34:18	23.6323	65.521	-1.5397	
5/19/2012	14:34:18	23.6148	65.523	-1.5222	
5/20/2012	14:34:18	23.3892	65.517	-1.2966	
5/21/2012	14:34:18	23.2852	65.519	-1.1926	
5/22/2012	14:34:18	23.1227	65.521	-1.0301	

Appendix G
Stump Spring Monitoring Well Water Level Data
Provided by United States Bureau of Land Management

5/23/2012	14:34:18	23.0096	65.515	-0.917	
5/24/2012	14:34:18	23.2736	65.517	-1.181	
5/25/2012	14:34:18	23.3959	65.523	-1.3033	
5/26/2012	14:34:18	23.9949	65.52	-1.9023	
5/27/2012	14:34:18	23.6668	65.518	-1.5742	
5/28/2012	14:34:18	23.1856	65.52	-1.093	
5/29/2012	14:34:18	23.3362	65.523	-1.2436	
5/30/2012	14:34:18	23.3631	65.52	-1.2705	
5/31/2012	14:34:18	23.1948	65.52	-1.1022	
6/1/2012	14:34:18	23.1668	65.52	-1.0742	
6/2/2012	14:34:18	23.2867	65.523	-1.1941	
6/3/2012	14:34:18	23.4768	65.52	-1.3842	
6/4/2012	14:34:18	23.2914	65.523	-1.1988	
6/5/2012	14:34:18	23.46	65.521	-1.3674	
6/6/2012	14:34:18	23.3151	65.521	-1.2225	
6/7/2012	14:34:18	23.3667	65.519	-1.2741	
6/8/2012	14:34:18	23.1388	65.519	-1.0462	
6/9/2012	14:34:18	23.1644	65.522	-1.0718	
6/10/2012	14:34:18	23.796	65.521	-1.7034	
6/11/2012	14:34:18	23.365	65.52	-1.2724	
6/12/2012	14:34:18	23.149	65.519	-1.0564	
6/13/2012	14:34:18	23.014	65.519	-0.9214	
6/14/2012	14:34:18	23.2428	65.521	-1.1502	
6/15/2012	14:34:18	23.4078	65.516	-1.3152	
6/16/2012	14:34:18	23.4468	65.521	-1.3542	
6/17/2012	14:34:18	23.3267	65.52	-1.2341	
6/18/2012	14:34:18	22.8753	65.519	-0.7827	
6/19/2012	14:34:18	23.2469	65.522	-1.1543	
6/20/2012	14:34:18	23.3918	65.522	-1.2992	
6/21/2012	14:34:18	23.1824	65.52	-1.0898	
6/22/2012	14:34:18	23.1859	65.519	-1.0933	
6/23/2012	14:34:18	23.21	65.52	-1.1174	
6/24/2012	14:34:18	23.4879	65.517	-1.3953	
6/25/2012	14:34:18	23.1569	65.521	-1.0643	
6/26/2012	14:34:18	23.0359	65.522	-0.9433	
6/27/2012	14:34:18	23.2524	65.52	-1.1598	
6/28/2012	14:34:18	23.3592	65.526	-1.2666	
6/29/2012	14:34:18	23.0583	65.519	-0.9657	
6/30/2012	14:34:18	22.896	65.521	-0.8034	
7/1/2012	14:34:18	22.9865	65.519	-0.8939	
7/2/2012	14:34:18	23.1503	65.515	-1.0577	
7/3/2012	14:34:18	23.1155	65.52	-1.0229	
7/4/2012	14:34:18	23.3312	65.517	-1.2386	
7/5/2012	14:34:18	22.9302	65.522	-0.8376	

Appendix G
Stump Spring Monitoring Well Water Level Data
Provided by United States Bureau of Land Management

7/6/2012	14:34:18	23.0918	65.52	-0.9992	
7/7/2012	14:34:18	22.983	65.518	-0.8904	
7/8/2012	14:34:18	23.0272	65.517	-0.9346	
7/9/2012	14:34:18	22.9082	65.521	-0.8156	
7/10/2012	14:34:18	22.8141	65.521	-0.7215	
7/11/2012	14:34:18	22.902	65.518	-0.8094	
7/12/2012	14:34:18	23.1792	65.517	-1.0866	
7/13/2012	14:34:18	23.0546	65.523	-0.962	
7/14/2012	14:34:18	22.7861	65.517	-0.6935	
7/15/2012	14:34:18	22.8297	65.52	-0.7371	
7/16/2012	14:34:18	22.7481	65.522	-0.6555	
7/17/2012	14:34:18	22.9754	65.518	-0.8828	
7/18/2012	14:34:18	23.0154	65.515	-0.9228	
7/19/2012	14:34:18	22.8061	65.519	-0.7135	
7/20/2012	14:34:18	22.8359	65.517	-0.7433	
7/21/2012	14:34:18	22.6648	65.52	-0.5722	
7/22/2012	14:34:18	22.8537	65.518	-0.7611	
7/23/2012	14:34:18	22.8558	65.521	-0.7632	
7/24/2012	14:34:18	22.6504	65.519	-0.5578	
7/25/2012	14:34:18	22.8617	65.516	-0.7691	
7/26/2012	14:34:18	22.693	65.516	-0.6004	
7/27/2012	14:34:18	22.8109	65.518	-0.7183	
7/28/2012	14:34:18	22.756	65.516	-0.6634	
7/29/2012	14:34:18	22.6849	65.517	-0.5923	
7/30/2012	14:34:18	22.6985	65.519	-0.6059	
7/31/2012	14:34:18	22.8596	65.515	-0.767	
8/1/2012	14:34:18	22.6088	65.518	-0.5162	
8/2/2012	14:34:18	22.3323	65.519	-0.2397	
8/3/2012	14:34:18	22.408	65.518	-0.3154	
8/4/2012	14:34:18	22.7344	65.515	-0.6418	
8/5/2012	14:34:18	22.7685	65.513	-0.6759	
8/6/2012	14:34:18	22.6278	65.515	-0.5352	
8/7/2012	14:34:18	22.4111	65.516	-0.3185	
8/8/2012	14:34:18	22.4198	65.515	-0.3272	
8/9/2012	14:34:18	22.4356	65.516	-0.343	
8/10/2012	14:34:18	22.391	65.519	-0.2984	
8/11/2012	14:34:18	22.5001	65.514	-0.4075	
8/12/2012	14:34:18	22.4929	65.518	-0.4003	
8/13/2012	14:34:18	22.4532	65.516	-0.3606	
8/14/2012	14:34:18	22.3694	65.516	-0.2768	
8/15/2012	14:34:18	22.4432	65.519	-0.3506	
8/16/2012	14:34:18	22.5387	65.516	-0.4461	
8/17/2012	14:34:18	22.3025	65.683	-0.2099	
8/18/2012	14:34:18	22.3587	65.522	-0.2661	

Appendix G
Stump Spring Monitoring Well Water Level Data
Provided by United States Bureau of Land Management

8/19/2012	14:34:18	22.2619	65.522	-0.1693	
8/20/2012	14:34:18	22.4271	65.514	-0.3345	
8/21/2012	14:34:18	22.2817	65.514	-0.1891	
8/22/2012	14:34:18	22.6789	65.513	-0.5863	
8/23/2012	14:34:18	22.1168	65.516	-0.0242	
8/24/2012	14:34:18	22.1467	65.517	-0.0541	
8/25/2012	14:34:18	22.1428	65.512	-0.0502	
8/26/2012	14:34:18	22.4289	65.514	-0.3363	
8/27/2012	14:34:18	22.3504	65.511	-0.2578	
8/28/2012	14:34:18	22.0926	65.515	0	Drawdown data normalized to 8/28/12 level. Manual Measurement DTW = 28.8 ft btoc
8/29/2012	14:34:18	21.966	65.519	0.1266	
8/30/2012	14:34:18	22.1847	65.515	-0.0921	
8/31/2012	14:34:18	22.1812	65.514	-0.0886	
9/1/2012	14:34:18	22.2357	65.512	-0.1431	
9/2/2012	14:34:18	22.1185	65.51	-0.0259	
9/3/2012	14:34:18	22.1669	65.515	-0.0743	
9/4/2012	14:34:18	22.0602	65.515	0.0324	
9/5/2012	14:34:18	21.9973	65.512	0.0953	
9/6/2012	14:34:18	22.0244	65.51	0.0682	
9/7/2012	14:34:18	22.1418	65.509	-0.0492	
9/8/2012	14:34:18	21.9675	65.513	0.1251	
9/9/2012	14:34:18	21.9943	65.514	0.0983	
9/10/2012	14:34:18	21.9081	65.511	0.1845	
Notes: ft: feet ft btoc: feet below top of casing F: degrees Ferinheight					

Stump Spring MW Manual Water Level Data
Long Term Aquifer Performance Test 2
BrightSource Energy
Hidden Hills Ranch Site, Ca

Date and Time	Level Depth To Water (ft btoc)
8/24/2012 9:00	28.80
8/27/2012 15:30	28.80
9/28/2012 8:45	28.81
8/28/2012 16:35	28.80
8/29/2012 8:50	28.80
9/4/2012 16:25	28.91
9/5/2012 16:30	28.91
9/6/2012 9:50	28.92
9/7/2012 9:20	28.95
9/8/2012 10:10	28.97
9/11/2012 11:25	28.95
9/24/2012 12:00	28.93

Notes:

ft btoc: feet below top of casing

Long-Term Aquifer Performance Test-2 Plan



Long-Term Aquifer Performance Testing Plan #2

Hidden Hills Solar Electric Generating System

Date: August 13, 2012

Prepared By:

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1.0 Background

Cardno ENTRIX conducted an Aquifer Performance Test (APT) in February, 2012 at the Hidden Hills Solar Electric Generating System (HHSEGS) site to determine the project area aquifer yield and potential effects associated with groundwater. A second APT (APT-2) is now proposed to further evaluate the aquifer yield and potential effects associated with groundwater pumping at the site. The APT data will be used to:

- 1) determine the project area aquifer hydraulic coefficients (i.e., transmissivity, storativity, and leakance),
- 2) assess the drawdown impacts to nearby users based on actual measured drawdown at selected locations,
- 3) assess the potential for drawdown impacts at Stump Spring,
- 4) determine potential presence of hydraulic barrier boundaries within the aquifer and,
- 5) assess the potential biological drawdown impacts from the project on groundwater dependent vegetation around the site.

The projected water demand for the proposed project is approximately 140 acre-feet per year (AFY) to be provided from a series of wells to be installed on the site. For APT-2, a new pumping well (located near Well #3, and referred to as “Well #3B”) will be installed (Figure 1). Well #3, one of the wells pumped during the first APT, is over 990 feet deep and will be used as a monitoring well to measure effects of pumping across the full thickness of the aquifer. Well #3B will be installed to a depth of approximately 350 feet below ground surface (ft bgs), which is similar to the 350 ft depth of Well #3A.

Although Well #3B is not in the final location where the future production wells will be located, they are on the project site and will provide a sufficiently accurate determination of drawdown to understand potential effects of the future project pumping.

As part of the first APT, six 2-inch monitoring wells were installed near Well #3 and the Orchard Well (Figures 2 and 3). Prior to the installation of Well #3B, well installation permits will be obtained from Inyo County. Installing Well #3B close to Well #3 will allow the collection of accurate measurements of the drawdown field around the pumping well and thereby determination of the aquifer properties such as transmissivity, storage, and anisotropy.

The following wells in the immediate vicinity of the proposed location of Well #3B will be used as monitoring wells: Well #3, Well #3A, MW-3, MW-4, MW-5 and MW-6. These wells range from approximately 10 to 1,400 feet in distance from Well #3B. Additional on-site wells that will be monitored over the APT 2 include the Orchard Well, MW-1, MW-2, Well #2 and Well #4. Off-site monitoring will also be conducted at the Stump Springs Monitoring Well. With the configuration above monitoring will be conducted at various depths ranging from approximately 150 to approximately 1,000 ft bgs.

Cardno ENTRIX personnel will obtain the permits, oversee well construction and testing, collect lithologic and hydrogeologic data, and provide evaluation of site data and testing results. Dust control measures will be utilized to minimize dust generation during the phases of operations (primarily drilling activity) that could create dust.

Hidden Hills Solar Electric Generating System– Long-Term Aquifer Performance Testing Plan #2

Prepared for BrightSource Energy

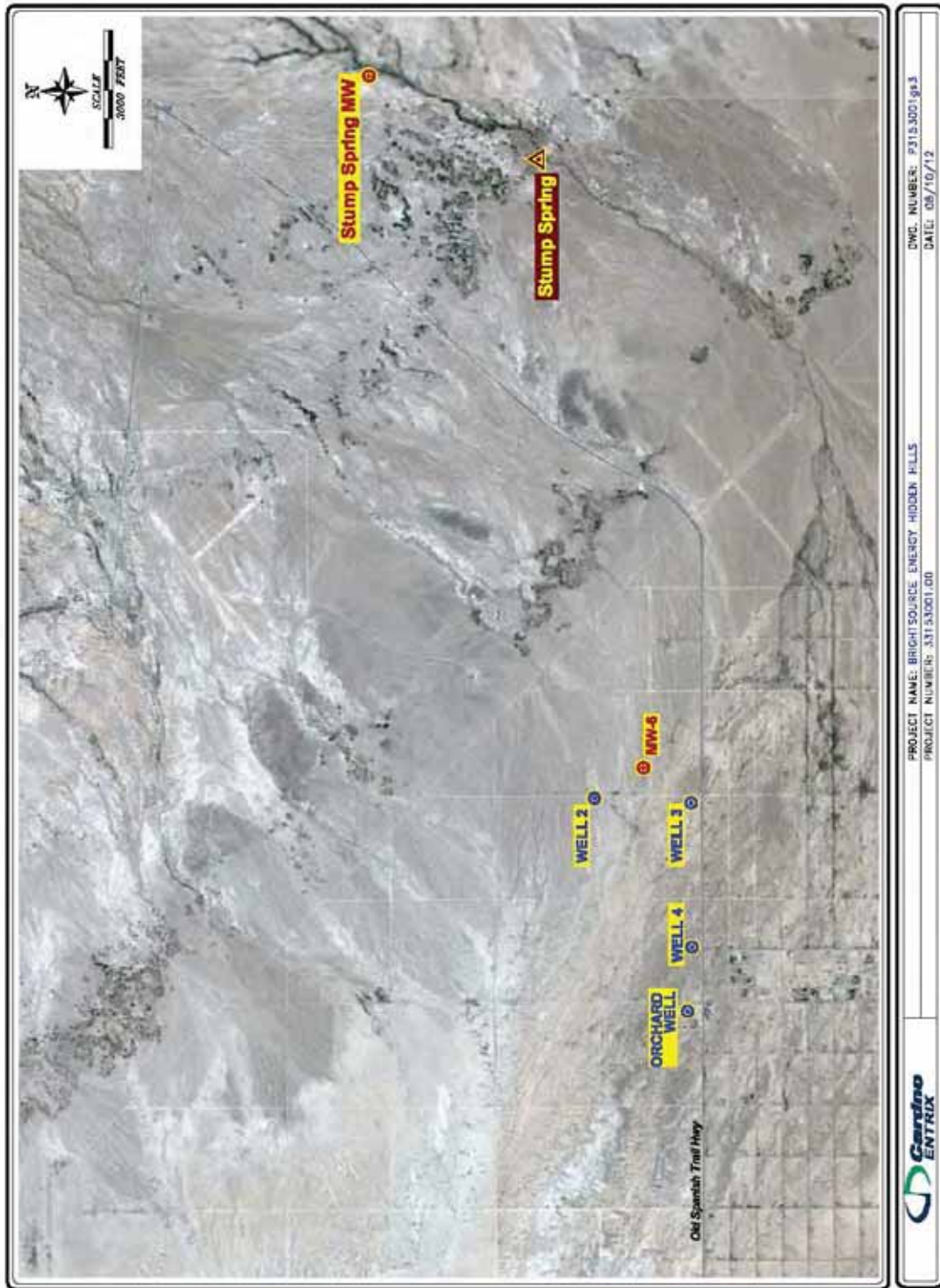


FIGURE 1. PUMPING WELL SITE LOCATION MAP.

Hidden Hills Solar Electric Generating System– Long-Term Aquifer Performance Testing Plan #2 Prepared for BrightSource Energy

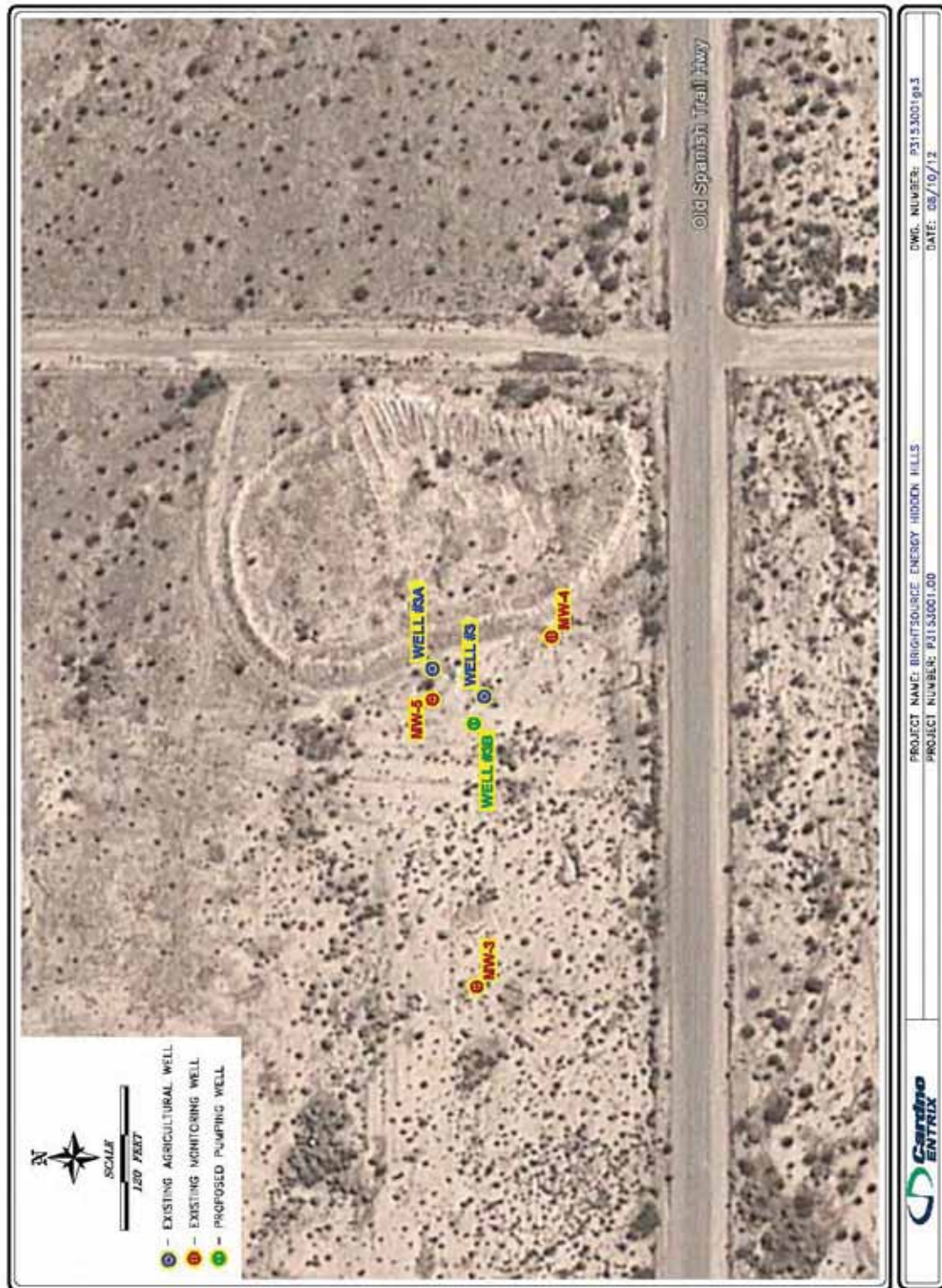


FIGURE 2. WELL 3 VICINITY MAP.



FIGURE 3. ORCHARD WELL VICINITY MAP.

2.0 Methods

2.1 Personnel and Procedures

All environmental work will be performed by a qualified environmental scientist or qualified subcontractor under the supervision of a State of California Professional Geologist. This person will supervise the field activities and oversee all phases of the work including managing subcontractors, data analysis, and report preparation.

2.2 Health and Safety Plan

A Health and Safety Plan (HASP) will be developed in conformance with the Occupational Safety and Health Administration (OSHA) and Hazardous Waste Operations and Emergency Response (HAZWOPER) guidelines and regulations. The document will be reviewed and signed by all Cardno ENTRIX personnel and subcontractors performing work on the site. A copy will be present on-site at all times and kept in an easily accessed location.

2.3 Groundwater Measurements

Groundwater level data will be collected using pressure transducers equipped with data-loggers and by manual measurements prior to, during and following each test. The transducers will be suspended from the surface within the pumping wells and selected monitoring wells. The transducers will be submerged to a sufficient depth to prevent emergence during maximum drawdown. The transducer depth below the top of the well casing will be recorded at each well location. Data from the transducers will be downloaded to a laptop or appropriate device periodically during the pumping test.

In addition to the data collected with pressure transducers, manual groundwater level data will be collected from various wells over the duration of the test. The manual data will be collected using a water level sounder. Manual data will also be collected from the wells monitored by transducers in order to calibrate and verify the accuracy of the transducer data.

2.4 Permitting

Prior to installing the pumping well an Installation Permit will be obtained from the Inyo County Department of Environmental Health.

2.5 Utility Clearance

Underground Services Alert will be notified 48 hours prior to the start of well installation activities in order to assist in the identification of any subsurface utilities present in the vicinity of the proposed well location.

2.6 Dust Control

During all on-site activities dust control will be conducted by a water truck provided by Water Pros, a Las Vegas, Nevada based company.

3.0 Well Installation

Prior to the start of the APT, Cardno ENTRIX will oversee the installation of a new pumping well in the vicinity of existing Wells #3 and #3A (Figure 2). The well will be installed to a depth of approximately 350 feet below ground surface (ft bgs) by Cascade Drilling (C57 License #938110) using a mud rotary drill rig.

During the well installation, the borehole will be logged from cuttings ejected on the mud shaker table and classified, to the extent possible, using the Unified Soil Classification System (USCS).

The pumping well will be constructed with 8-inch diameter blank steel casing and slotted screen (preliminary slot size estimate is 0.030). Groundwater has been recently measured around 130 ft bgs in the vicinity of the proposed well. The well will be completed with 100 feet of slotted casing from 250 to 350 ft bgs. The filter pack will be installed from approximately 230 to 350 ft bgs. The well will be sealed by placing hydrated bentonite from the top of the sand filter pack to approximately 225 ft bgs. The annular space above the bentonite seal will be filled with cement grout to the ground surface of the well. The well will be completed at the surface with a well monument that will extend approximately 3 feet above the ground surface.

Prior to installing the well casing the borehole, Pacific Surveys will run a series of logs (gamma log, e-log and caliper log) on the Well #3B borehole. Additionally, a gamma log will be run on each of the following wells: MW-6, the Orchard Well and Well #3, and the Stump Spring monitoring well (BLM authorization has been acquired).

4.0 Materials and Preparation for the APT

Cardno ENTRIX will coordinate the necessary site preparation and testing procedures. A licensed drilling contractor (Cascade Drilling) will provide/furnish the items listed below that are necessary to facilitate the completion of the APT.

- Furnish, install, and operate a generator to power the pump in the production well.
- Provide throttling device to adjust pumping rates as specified, and furnish and install a gate valve or equivalent on the discharge side of the pump to obtain the optimal discharge rate, shut off flow, and stop gravity drainage.
- Provide all necessary materials and personnel to ensure continuous operation of the pump for the duration of the test.
- Furnish and install an in-line flowmeter with a flow rate indicator and totalizer that has been calibrated within the last 90 days, and is capable of measuring discharge up to 200 gpm.
- Furnish and install all piping and hardware necessary to provide a leak-proof seal at the wellhead and along the discharge line to the point of discharge (POD).
- Furnish and install discharge line of sufficient capacity to convey the produced formation waters to the specified POD without reducing the flow below the target pumping rate.
- Install an access port on top of the production wellheads with a minimum inner diameter of 1-inch to permit installation of a pressure transducer. The transducer must be able to reach within 10 feet of the top of the pump bowl. (Transducers will be provided for the project by Cardno ENTRIX).
- Furnish and install flow diffusers, plastic sheeting and straw wattle, as needed to prevent erosion at the POD.
- Conduct dust control measures by deploying watering truck during dust generating components of the work.
- Demobilization

5.0 APT Set-Up and Execution

The constant rate APT will be performed by pumping the new well while monitoring pressure response data in the pumped well, and an array of on-site monitoring wells, and also the monitoring well at Stump Spring (Figure 1-1). The monitoring well locations will be strategically selected to enable delineation of the extent of the cone of depression induced by each individual well.

The APT will be conducted at a nominal rate of 200 gallons per minute (gpm) from Well #3B for 7 days. Following this initial period, if added duration is necessary to adequately determine aquifer performance characteristics, the APT may be extended up to 7 additional days longer. A minimum of 72 hours of background data will be collected before the test. Data loggers will be installed in the pumping wells and the following monitoring wells: Well #3, Well #3A, MW-3, MW-4, MW-5, MW-6, the Orchard Well and MW-1. The data loggers will remain in the monitoring wells for a minimum of 72 hours after the completion of the test to monitor recovery of the water levels in the wells. Manual water level measurements will be taken periodically before, during and after the test at the following wells: MW-2, Well #2 and Well #4.

Discharge control: Water discharged from the pumped wells will be conveyed to a POD, located approximately 1,000 feet northwest of the pumping well. The POD for each well will be selected at a significant distance from the well to avoid the recirculation of water, to avoid influence to the monitoring wells, and at a location to prevent offsite discharge of produced groundwater. The clay-rich sediments at the surface should aid in retarding recharge and will limit recirculation. Water conveyed to the POD will be discharged through a diffuser device, onto plastic and through straw wattles to spread the discharge in an effort to reduce ponding and erosion.

Cardno ENTRIX has provided Lahontan Regional Water Quality Control Board a description of the proposed testing with provisions for maintaining the water onsite and outline measures to avoid any offsite impacts in order to obtain their approval to conduct the test.

Water Quality Sampling: Water samples from the following wells will be collected from Well #3B for laboratory analysis of a full suite of major ions as summarized Table 3-1. These samples will be collected towards the end of the aquifer test from a sampling port in the discharge pipe.

Table 3-1 Selected Water Quality Parameters for Laboratory Testing

Calcium (Ca)	Hardness (CaCo ₃)
Magnesium (Mg)	Iron (Fe)
Sodium (Na)	Manganese (Mn)
Potassium (K)	Arsenic (As)
Bicarbonate (HCO ₃)	Mercury (Hg)
Carbonate (CO ₃)	Selenium (Se)
Total Dissolved Solids	pH
Gross Alpha/Beta	Radium 226/228
Uranium	Oxygen-18/Deuterium
Sulfate (SO ₄)	Pesticide Scan
Chloride (Cl)	Herbicide Scan
Nitrate as N	Volatile Organic Compound (VOC) Scan
CAM17 metals	

Additionally we will collect a sample for Oxygen-18/Deuterium analysis at MW-6.

We've been provided permission by BLM to collect water quality samples at Stump Springs (surface flow) and at the Stump Springs Monitoring Well. For these locations we will collect samples for analysis of Oxygen-18/Deuterium, and the major ions (i.e., Table 3-1 list without the pesticides, herbicides, radiological constituents and VOC's).

APT Operations: Cardno ENTRIX will execute the following specific requirements to facilitate the conductance of the APT and demobilization of selected equipment:

- Record 72 hours of background water-level readings from the site prior to initiating pumping.
- Collect water level monitoring data during the test.
- Collect water level monitoring data for approximately 72 hours after cessation of pumping, or until water-levels recover to pre-pumping conditions.
- Conduct and coordinate water quality sampling with laboratory.
- Oversee the removal of all equipment from the site and re-sealing of the wellheads at the production wells at the completion of the APT.
- Organize and deliver all data collected from each phase of testing to BrightSource Energy in Excel format.

6.0 Analyses of Monitoring Data and Summary Report

Subsequent to the completion of the APT, monitoring data collected from each well will be analyzed to estimate transmissivity, storage coefficient, and leakance of the aquifer of interest. The cone of depression will be compared to the location of Stump Spring and known groundwater dependent vegetation to evaluate the potential for pumping at the site to cause water level drawdown at the spring. Field data will be made available within seven days of completion of the test. The results will be provided in a letter report summarizing the testing procedures and data evaluation. The report will be completed within 30 days of completion of the test.

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**BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT
COMMISSION OF THE STATE OF CALIFORNIA
1516 NINTH STREET, SACRAMENTO, CA 95814
1-800-822-6228 – WWW.ENERGY.CA.GOV**

***APPLICATION FOR CERTIFICATION FOR THE
HIDDEN HILLS SOLAR ELECTRIC
GENERATING SYSTEM***

Docket No. 11-AFC-02

**PROOF OF SERVICE
(Revised 9/20/12)**

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DECLARATION OF SERVICE

I, Mary Finn, declare that on October 5, 2012, I served and filed copies of the attached Hidden Hills Data Response, Set 2A-4 dated October 5, 2012. This document is accompanied by the most recent Proof of Service list, located on the web page for this project at: www.energy.ca.gov/sitingcases/hiddenhills/index.html.

The document has been sent to the other parties in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit or Chief Counsel, as appropriate, in the following manner:

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- ☒ Served electronically to all e-mail addresses on the Proof of Service list;
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For filing with the Docket Unit at the Energy Commission:

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OR, if filing a Petition for Reconsideration of Decision or Order pursuant to Title 20, § 1720:

- ☐ Served by delivering on this date one electronic copy by e-mail, and an original paper copy to the Chief Counsel at the following address, either personally, or for mailing with the U.S. Postal Service with first class postage thereon fully prepaid:

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I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, that I am employed in the county where this mailing occurred, and that I am over the age of 18 years and not a party to the proceeding.



Mary Finn