

DOCKETED


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2020 SoCalGas Storage DOT Submitted Report-1259772

Additional submitted attachment is included below.

Notice: This report is required by 49 CFR Part 191. Failure to report may result in a civil penalty as provided in 49 USC 60122.

	U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration	UNDERGROUND NATURAL GAS STORAGE FACILITY ANNUAL REPORT FOR CALENDAR YEAR 2020	Original Date Submitted	03/12/2021
			Report Type	SUPPLEMENTAL
			Date Submitted	03/15/2021

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0522. Public reporting for this collection of information is estimated to be approximately 20 hours per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

INSTRUCTIONS

Important: Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at <http://www.phmsa.dot.gov/pipeline/library/forms>

PART A - OPERATOR INFORMATION	DOT USE ONLY	20210102 - 02062
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A1. Operator's OPS-issued Operator Identification Number (OPID): **18484**

A2. Name of Operator: **SOUTHERN CALIFORNIA GAS CO**

A3. Address of Operator

A3a. Street Address: **555 WEST FIFTH STREET**

A3b. City: **LOS ANGELES**

A3c. State: **CA**

A3d. Zip Code: **90013**

SUMMARY OF FACILITY/RESERVOIR

Facility	Inter/Intra	State	County	Reservoir	Type
Honor Rancho	Intra	California	LOS ANGELES	Wayside 13	Hydrocarbon Reservoir

SUMMARY OF FACILITY/RESERVOIR

Facility	Inter/Intra	State	County	Reservoir	Type
La Goleta	Intra	California	SANTA BARBARA	Vaqueros	Hydrocarbon Reservoir

SUMMARY OF FACILITY/RESERVOIR

Facility	Inter/Intra	State	County	Reservoir	Type
Aliso Canyon	Intra	California	LOS ANGELES	Sesnon-Frew	Hydrocarbon Reservoir

SUMMARY OF FACILITY/RESERVOIR

Facility	Inter/Intra	State	County	Reservoir	Type
Playa Del Rey	Intra	California	LOS ANGELES	Puente Schist Conglomerate	Hydrocarbon Reservoir

PART B – STORAGE FACILITY (Complete Part B once for each independent storage facility)

FACILITY INFORMATION FOR Honor Rancho	
B1.	Facility Name (chosen by operator): Honor Rancho

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B2.	Select only one: <input type="checkbox"/> INTERState <input checked="" type="checkbox"/> INTRAstare
	PHMSA USE ONLY Unit ID: 88720
B3.	Facility Location:
	Latitude: 34.44743
	Longitude: - 118.58690
	State: California
	County: LOS ANGELES
B4.	Energy Information Administration Gas Field Code: 330773 Names of Reservoirs within this facility: Wayside 13,
GAS VOLUMES	
B5.	Working gas capacity (billion standard cubic feet (BCF)), <i>include two decimal places</i> : 22.11
B6.	Base (also known as Cushion or Pad) gas (billion standard cubic feet (BCF)), <i>include two decimal places</i> : 21
B7.	Total gas capacity (billion standard cubic feet (BCF)): 43.11
B8.	Volume of natural gas withdrawn from the facility for calendar year (billion standard cubic feet (BCF)), <i>include two decimal places</i> : 18.8
B9.	Volume of natural gas injected into the facility for calendar year (billion standard cubic feet (BCF)), <i>include two decimal places</i> : 18.06

PART C – RESERVOIRS AND WELLS (Complete Part C once for each reservoir or geologic storage formation within a facility)	
RESERVOIR 1: Wayside 13	
C1.	Reservoir name (chosen by operator): Wayside 13
C2.	Year reservoir placed in storage service: 1975
C3.	Type (select only one): <input type="checkbox"/> Salt Cavern <input checked="" type="checkbox"/> Hydrocarbon Reservoir <input type="checkbox"/> Aquifer Reservoir <input type="checkbox"/> Other Description of type:
C4.	Maximum Wellhead Surface Pressure
C4a.	Text identifying the indicator well: WEZU 17 - API 0403707609
C4b.	Maximum surface pressure (pounds per square inch gauge (psig)) at the indicator well: 3479
RESERVOIR OR GEOLOGIC STORAGE FORMATION DEPTH	
C5.	Approximate Maximum Depth (feet): 11253
C6.	Approximate Minimum Depth (feet): 8784
WELLS	
C7.	Number of Injection and/or Withdraw Wells: 25
C8.	Number of Monitoring and/or Observation Wells: 0
C9.	Number of Wells drilled during the calendar year: 0
C10.	Number of Wells plugged and abandoned during the calendar year: 8
WELL SAFETY VALVES	
C11.	Number of Wells with surface safety valves: 16
C12.	Number of Wells with subsurface safety valves: 1
WELLS GAS FLOW	
C13.	Number of Wells with gas flow only through production tubing: 17

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C14.	Number of Wells with gas flow only through production casing: 0
C15.	Number of Wells with gas flow through both production tubing and production casing: 0
C16.	Number of Wells with some "other type" of gas flow: 8 Describe the "other type" of gas flow through the well: These wells are plugged and/or isolated and out of service. As of the end of 2020, these wells either have a rig on the well or have a rig scheduled, to complete the following: 1. Inspect the well; and 2. Convert the well to tubing flow-only flow OR plug and abandon the well.
MAINTENANCE	
C17.	Number of Wells with new production tubing installed during the calendar year: 8
C18.	Number of Wells with new production casing, new liner, or repairs to casing or liner during the calendar year: 2
C19.	Number of Wells with wellhead remediation or repair during the calendar year: 0
C20.	Number of Wells with casing, wellhead, or tubing leaks during the calendar year: 0
C21.	Number of Wells with Pressure Test Mechanical Integrity Tests (MIT) during the calendar year: 12
C22.	Number of Wells with Logged for Corrosion/wall loss MIT during the calendar year: 13
C23.	Number of Wells with MIT other than "Pressure Test" and "Logged for Corrosion/wall loss" during the calendar year*: 25 * Describe other MIT: Noise and/or Temp surveys

PART B – STORAGE FACILITY (Complete Part B once for each independent storage facility)

FACILITY INFORMATION FOR La Goleta	
B1.	Facility Name (chosen by operator): La Goleta
B2.	Select only one: <input type="checkbox"/> INTERState <input checked="" type="checkbox"/> INTRAsate PHMSA USE ONLY Unit ID: 88719
B3.	Facility Location: Latitude: 34.42130 Longitude: - 119.81960 State: California County: SANTA BARBARA
B4.	Energy Information Administration Gas Field Code: 391270 Names of Reservoirs within this facility: Vaqueros,
GAS VOLUMES	
B5.	Working gas capacity (billion standard cubic feet (BCF)), include two decimal places: 19.82
B6.	Base (also known as Cushion or Pad) gas (billion standard cubic feet (BCF)), include two decimal places: 24.59
B7.	Total gas capacity (billion standard cubic feet (BCF)): 44.41
B8.	Volume of natural gas withdrawn from the facility for calendar year (billion standard cubic feet (BCF)), include two decimal places: 7.32
B9.	Volume of natural gas injected into the facility for calendar year (billion standard cubic feet (BCF)), include two decimal places: 9.79

PART C – RESERVOIRS AND WELLS (Complete Part C once for each reservoir or geologic storage formation within a facility)

RESERVOIR 1: Vaqueros

Notice: This report is required by 49 CFR Part 191. Failure to report may result in a civil penalty as provided in 49 USC 60122.

C1.	Reservoir name (chosen by operator): Vaqueros
C2.	Year reservoir placed in storage service: 1941
C3.	Type (select only one): <input type="checkbox"/> Salt Cavern <input checked="" type="checkbox"/> Hydrocarbon Reservoir <input type="checkbox"/> Aquifer Reservoir <input type="checkbox"/> Other Description of type:
C4.	Maximum Wellhead Surface Pressure
C4a.	Text identifying the indicator well: Miller 8 - API 08303411
C4b.	Maximum surface pressure (pounds per square inch gauge (psig)) at the indicator well: 1844
RESERVOIR OR GEOLOGIC STORAGE FORMATION DEPTH	
C5.	Approximate Maximum Depth (feet): 4455
C6.	Approximate Minimum Depth (feet): 3734
WELLS	
C7.	Number of Injection and/or Withdraw Wells: 12
C8.	Number of Monitoring and/or Observation Wells: 2
C9.	Number of Wells drilled during the calendar year: 0
C10.	Number of Wells plugged and abandoned during the calendar year: 7
WELL SAFETY VALVES	
C11.	Number of Wells with surface safety valves: 9
C12.	Number of Wells with subsurface safety valves: 7
WELLS GAS FLOW	
C13.	Number of Wells with gas flow only through production tubing: 9
C14.	Number of Wells with gas flow only through production casing: 0
C15.	Number of Wells with gas flow through both production tubing and production casing: 0
C16.	Number of Wells with some "other type" of gas flow: 3 Describe the "other type" of gas flow through the well: These wells are plugged and/or isolated and out of service. As of the end of 2020, these wells either have a rig on the well or have a rig scheduled, to complete the following: 1. Inspect the well; and 2. Convert the well to tubing flow-only flow OR plug and abandon the well.
MAINTENANCE	
C17.	Number of Wells with new production tubing installed during the calendar year: 1
C18.	Number of Wells with new production casing, new liner, or repairs to casing or liner during the calendar year: 0
C19.	Number of Wells with wellhead remediation or repair during the calendar year: 0
C20.	Number of Wells with casing, wellhead, or tubing leaks during the calendar year: 0
C21.	Number of Wells with Pressure Test Mechanical Integrity Tests (MIT) during the calendar year: 4
C22.	Number of Wells with Logged for Corrosion/wall loss MIT during the calendar year: 8
C23.	Number of Wells with MIT other than "Pressure Test" and "Logged for Corrosion/wall loss" during the calendar year*: 13 * Describe other MIT: Noise and/or Temperature surveys

PART B – STORAGE FACILITY (Complete Part B once for each independent storage facility)

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FACILITY INFORMATION FOR Aliso Canyon	
B1.	Facility Name (chosen by operator): Aliso Canyon
B2.	Select only one: <input type="checkbox"/> INTERState <input checked="" type="checkbox"/> INTRAsate
	PHMSA USE ONLY Unit ID: 88721
B3.	Facility Location:
	Latitude: 34.30911
	Longitude: - 118.55263
	State: California
	County: LOS ANGELES
B4.	Energy Information Administration Gas Field Code: 10456 Names of Reservoirs within this facility: Sesnon-Frew,
GAS VOLUMES	
B5.	Working gas capacity (billion standard cubic feet (BCF)), include two decimal places: 30.04
B6.	Base (also known as Cushion or Pad) gas (billion standard cubic feet (BCF)), include two decimal places: 81.53
B7.	Total gas capacity (billion standard cubic feet (BCF)): 111.57
B8.	Volume of natural gas withdrawn from the facility for calendar year (billion standard cubic feet (BCF)), include two decimal places: 18.69
B9.	Volume of natural gas injected into the facility for calendar year (billion standard cubic feet (BCF)), include two decimal places: 23.53

PART C – RESERVOIRS AND WELLS (Complete Part C once for each reservoir or geologic storage formation within a facility)	
RESERVOIR 1: Sesnon-Frew	
C1.	Reservoir name (chosen by operator): Sesnon-Frew
C2.	Year reservoir placed in storage service: 1973
C3.	Type (select only one): <input type="checkbox"/> Salt Cavern <input checked="" type="checkbox"/> Hydrocarbon Reservoir <input type="checkbox"/> Aquifer Reservoir <input type="checkbox"/> Other Description of type:
C4.	Maximum Wellhead Surface Pressure
C4a.	Text identifying the indicator well: Porter 69G - API 03724225
C4b.	Maximum surface pressure (pounds per square inch gauge (psig)) at the indicator well: 1865
RESERVOIR OR GEOLOGIC STORAGE FORMATION DEPTH	
C5.	Approximate Maximum Depth (feet): 9646
C6.	Approximate Minimum Depth (feet): 6797
WELLS	
C7.	Number of Injection and/or Withdraw Wells: 65
C8.	Number of Monitoring and/or Observation Wells: 7
C9.	Number of Wells drilled during the calendar year: 0
C10.	Number of Wells plugged and abandoned during the calendar year: 3
WELL SAFETY VALVES	
C11.	Number of Wells with surface safety valves: 44
C12.	Number of Wells with subsurface safety valves: 3

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WELLS GAS FLOW	
C13.	Number of Wells with gas flow only through production tubing: 44
C14.	Number of Wells with gas flow only through production casing: 0
C15.	Number of Wells with gas flow through both production tubing and production casing: 0
C16.	Number of Wells with some "other type" of gas flow: 21 Describe the "other type" of gas flow through the well: These wells are plugged and/or isolated and out of service. As of the end of 2020, these wells either have a rig on the well or have a rig scheduled, to complete the following: 1. Inspect the well; and 2. Convert the well to tubing flow-only flow OR plug and abandon the well.
MAINTENANCE	
C17.	Number of Wells with new production tubing installed during the calendar year: 45
C18.	Number of Wells with new production casing, new liner, or repairs to casing or liner during the calendar year: 1
C19.	Number of Wells with wellhead remediation or repair during the calendar year: 10
C20.	Number of Wells with casing, wellhead, or tubing leaks during the calendar year: 0
C21.	Number of Wells with Pressure Test Mechanical Integrity Tests (MIT) during the calendar year: 54
C22.	Number of Wells with Logged for Corrosion/wall loss MIT during the calendar year: 58
C23.	Number of Wells with MIT other than "Pressure Test" and "Logged for Corrosion/wall loss" during the calendar year*: 65 * Describe other MIT: Noise and/or Temp surveys

PART B – STORAGE FACILITY (Complete Part B once for each independent storage facility)	
FACILITY INFORMATION FOR Playa Del Rey	
B1.	Facility Name (chosen by operator): Playa Del Rey
B2.	Select only one: <input type="checkbox"/> INTERState <input checked="" type="checkbox"/> INTRAsate PHMSA USE ONLY Unit ID: 88718
B3.	Facility Location:
	Latitude: 33.96272
	Longitude: - 118.43803
	State: California
	County: LOS ANGELES
B4.	Energy Information Administration Gas Field Code: 559845 Names of Reservoirs within this facility: Puente Schist Conglomerate,
GAS VOLUMES	
B5.	Working gas capacity (billion standard cubic feet (BCF)), include two decimal places: 1.49
B6.	Base (also known as Cushion or Pad) gas (billion standard cubic feet (BCF)), include two decimal places: 4.46
B7.	Total gas capacity (billion standard cubic feet (BCF)): 5.95
B8.	Volume of natural gas withdrawn from the facility for calendar year (billion standard cubic feet (BCF)), include two decimal places: 3.66
B9.	Volume of natural gas injected into the facility for calendar year (billion standard cubic feet (BCF)), include two decimal places: 3.82

PART C – RESERVOIRS AND WELLS (Complete Part C once for each reservoir or geologic storage formation within a facility)	
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RESERVOIR 1: Puente Schist Conglomerate	
C1.	Reservoir name (chosen by operator): Puente Schist Conglomerate
C2.	Year reservoir placed in storage service: 1942
C3.	Type (select only one): <input type="checkbox"/> Salt Cavern <input checked="" type="checkbox"/> Hydrocarbon Reservoir <input type="checkbox"/> Aquifer Reservoir <input type="checkbox"/> Other Description of type:
C4.	Maximum Wellhead Surface Pressure
C4a.	Text identifying the indicator well: Vidor 13 - API 03714069
C4b.	Maximum surface pressure (pounds per square inch gauge (psig)) at the indicator well: 1491
RESERVOIR OR GEOLOGIC STORAGE FORMATION DEPTH	
C5.	Approximate Maximum Depth (feet): 6729
C6.	Approximate Minimum Depth (feet): 5729
WELLS	
C7.	Number of Injection and/or Withdraw Wells: 17
C8.	Number of Monitoring and/or Observation Wells: 21
C9.	Number of Wells drilled during the calendar year: 0
C10.	Number of Wells plugged and abandoned during the calendar year: 0
WELL SAFETY VALVES	
C11.	Number of Wells with surface safety valves: 20
C12.	Number of Wells with subsurface safety valves: 15
WELLS GAS FLOW	
C13.	Number of Wells with gas flow only through production tubing: 13
C14.	Number of Wells with gas flow only through production casing: 0
C15.	Number of Wells with gas flow through both production tubing and production casing: 0
C16.	Number of Wells with some "other type" of gas flow: 4 Describe the "other type" of gas flow through the well: These wells are plugged and/or isolated and out of service. As of the end of 2020, these wells either have a rig on the well or have a rig scheduled, to complete the following: 1. Inspect the well; and 2. Convert the well to tubing flow-only flow OR plug and abandon the well.
MAINTENANCE	
C17.	Number of Wells with new production tubing installed during the calendar year: 9
C18.	Number of Wells with new production casing, new liner, or repairs to casing or liner during the calendar year: 1
C19.	Number of Wells with wellhead remediation or repair during the calendar year: 1
C20.	Number of Wells with casing, wellhead, or tubing leaks during the calendar year: 0
C21.	Number of Wells with Pressure Test Mechanical Integrity Tests (MIT) during the calendar year: 19
C22.	Number of Wells with Logged for Corrosion/wall loss MIT during the calendar year: 11
C23.	Number of Wells with MIT other than "Pressure Test" and "Logged for Corrosion/wall loss" during the calendar year*: 37 * Describe other MIT: Noise and/or Temp surveys

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PART D – CONTACT INFORMATION

- D1. Name of person submitting report: **Leticia Ayala**
- D2. Title of person in D1: **Compliance Reporting PM**
- D3. Work e-mail address of person in D1: **layala@socalgas.com**
- D4. Work phone number of person in D1: **(310)266-9647**
- D5. Name of person to contact with questions about this report: **Thomas D. McMahon**
- D6. Title of person in D5: **SIMP Manager**
- D7. Email address of person in D5: **tmcmahon@socalgas.com**
- D8. Phone number of person in D5: **(714)273-4553**