DOCKETED	
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TN #:	238052
Document Title:	2020 SoCalGas Transmission DOT Report
Description:	N/A
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Form Approved
OMB No. 2137-0522
Expires: 8/31/2020

U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration	**ANNUAL REPORT FOR CALENDAR YEAR 2020 NATURAL OR OTHER GAS TRANSMISSION and GATHERING SYSTEMS**	**Initial Date Submitted**	
		Report Submission Type	**INITIAL**
		Date Submitted	

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 42 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.

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	-

1. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER (OPID)

18484

2. NAME OF OPERATOR:

SOUTHERN CALIFORNIA GAS CO

3. RESERVED

4. HEADQUARTERS ADDRESS:

555 WEST FIFTH STREET
Street Address

LOS ANGELES
City

State: **CA** Zip Code: **90013**

5. THIS REPORT PERTAINS TO THE FOLLOWING COMMODITY GROUP: *(Select Commodity Group based on the predominant gas carried and complete the report for that Commodity Group. File a separate report for each Commodity Group included in this OPID.)*

Natural Gas

6. RESERVED

7. FOR THE DESIGNATED "COMMODITY GROUP", THE PIPELINES AND/OR PIPELINE FACILITIES INCLUDED WITHIN THIS OPID ARE: *(Select one or both)*

INTERstate pipeline – List all of the States and OSC portions in which INTERstate pipelines and/or pipeline facilities included under this OPID exist. etc.

INTRAstate pipeline – List all of the States in which INTRAstate pipelines and or pipeline facilities included under this OPID exist. **CALIFORNIA** etc.

8. RESERVED

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For the designated Commodity Group, PARTs B and D will be calculated based on the data entered in Parts L and P respectively. Complete Part C one time for all pipelines and/or pipeline facilities – both INTERstate and INTRAstate - included within this OPID.

PART B – TRANSMISSION PIPELINE HCA MILES

	Number of HCA Miles
Onshore	1116
Offshore	0
Total Miles	1116

PART C - VOLUME TRANSPORTED IN TRANSMISSION PIPELINES (ONLY) IN MILLION SCF PER YEAR (excludesTransmission lines of Gas Distribution systems)

☒ **Check this box and do not complete PART C if this report only includes gathering pipelines or transmission lines of gas distribution systems.**

	Onshore	Offshore
Natural Gas		
Propane Gas		
Synthetic Gas		
Hydrogen Gas		
Landfill Gas		
Other Gas - Name:		

PART D - MILES OF STEEL PIPE BY CORROSION PROTECTION

	Steel Cathodically protected		Steel Cathodically unprotected							
	Bare	Coated	Bare	Coated	Cast Iron	Wrought Iron	Plastic	Composite[1]	Other	Total Miles
Transmission										
Onshore	1	3340	0	0	0	0	0	0	0	*3341*
Offshore	0	0	0	0	0	0	0	0	0	*0*
Subtotal Transmission	*1*	*3340*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3341*
Gathering										
Onshore Type A	0	0	0	0	0	0	0	0	0	*0*
Onshore Type B	0	0	0	0	0	0	0	0	0	*0*
Offshore	0	0	0	0	0	0	0	0	0	*0*
Subtotal Gathering	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Total Miles	*1*	*3340*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3341*

[1]Use of Composite pipe requires a PHMSA Special Permit or waiver from a State

PART E – RESERVED

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For the designated Commodity Group, complete PARTs F and G one time for all INTERstate pipeline facilities included within this OPID and multiple times as needed for the designated Commodity Group for each State in which INTRAstate pipeline facilities included within this OPID exist. Part F "WITHIN AN HCA SEGMENT" data and Part G may be completed only if HCA Miles in Part L is greater than zero.

PARTs F and G

The data reported in these PARTs applies to: *(select only one)*

☐ **Interstate pipelines/pipeline facilities**

☒ **Intrastate pipelines/pipeline facilities in the State of CALIFORNIA** *(complete for each State)*

PART F - INTEGRITY INSPECTIONS CONDUCTED AND ACTIONS TAKEN BASED ON INSPECTION

1. MILEAGE INSPECTED IN CALENDAR YEAR USING THE FOLLOWING IN-LINE INSPECTION (ILI) TOOLS	
a. Corrosion or metal loss tools	442
b. Dent or deformation tools	442
c. Crack or long seam defect detection tools	156
d. Any other internal inspection tools, specify other tools:	0
1. Internal Inspection Tools - Other	
e. Total tool mileage inspected in calendar year using in-line inspection tools. (Lines a + b + c + d)	*1040*
2. ACTIONS TAKEN IN CALENDAR YEAR BASED ON IN-LINE INSPECTIONS	
a. Based on ILI data, total number of anomalies excavated in calendar year because they met the operator's criteria for excavation.	2931
b. Total number of anomalies repaired in calendar year that were identified by ILI based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	27
c. Total number of conditions repaired WITHIN AN HCA SEGMENT meeting the definition of:	10
1. "Immediate repair conditions" [192.933(d)(1)]	10
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	0
3. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON PRESSURE TESTING	
a. Total mileage inspected by pressure testing in calendar year.	0
b. Total number of pressure test failures (ruptures and leaks) repaired in calendar year, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of pressure test ruptures (complete failure of pipe wall) repaired in calendar year WITHIN AN HCA SEGMENT.	0
d. Total number of pressure test leaks (less than complete wall failure but including escape of test medium) repaired in calendar year WITHIN AN HCA SEGMENT.	0
4. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON DA (Direct Assessment methods)	
a. Total mileage inspected by each DA method in calendar year.	19
1. ECDA	19
2. ICDA	0
3. SCCDA	0
b. Total number of anomalies identified by each DA method and repaired in calendar year based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	1
1. ECDA	1
2. ICDA	0
3. SCCDA	0
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	1
1. "Immediate repair conditions" [192.933(d)(1)]	1

2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	0
5. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON OTHER INSPECTION TECHNIQUES	
a. Total mileage inspected by inspection techniques other than those listed above in calendar year.	0
1.Other Inspection Techniques	
b. Total number of anomalies identified by other inspection techniques and repaired in calendar year based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	0
1. "Immediate repair conditions" [192.933(d)(1)]	0
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933©]	0
6. TOTAL MILEAGE INSPECTED (ALL METHODS) AND ACTIONS TAKEN IN CALENDAR YEAR	
a. Total mileage inspected in calendar year. (Lines 1.e + 3.a + 4.a.1 + 4.a.2 + 4.a.3 + 5.a)	*1059*
b. Total number of anomalies repaired in calendar year both within an HCA Segment and outside of an HCA Segment. (Lines 2.b + 3.b + 4.b.1 + 4.b.2 + 4.b.3 + 5.b)	28
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT. (Lines 2.c.1 + 2.c.2 + 2.c.3 + 2.c.4 + 3.c + 3.d + 4.c.1 + 4.c.2 + 4.c.3 + 4.c.4 + 5.c.1 + 5.c.2 + 5.c.3 + 5.c.4)	11
d. Total number of actionable anomalies eliminated by pipe replacement in calendar year WITHIN AN HCA SEGMENT:	0
e. Total number of actionable anomalies eliminated by pipe abandonment in calendar year WITHIN AN HCA SEGMENT:	0
PART G– MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED IN CALENDAR YEAR (HCA Segment miles ONLY)	
a. Baseline assessment miles completed during the calendar year.	11
b. Reassessment miles completed during the calendar year.	192
c. Total assessment and reassessment miles completed during the calendar year.	203

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For the designated Commodity Group, complete PARTs H, I, J, K, L, M, P Q and R covering INTERstate pipelines and/or pipeline facilities for each State in which INTERstate systems exist within this OPID and again covering INTRAstate pipelines and/or pipeline facilities for each State in which INTRAstate systems exist within this OPID.

PARTs H, I, J, K, L, M, P, Q, and R

The data reported in these PARTs applies to: (*select only one*)

INTRASTATE pipelines/pipeline facilities CALIFORNIA

PART H - MILES OF TRANSMISSION PIPE BY NOMINAL PIPE SIZE (NPS)

Onshore	NPS 4 or less	6	8	10	12	14	16	18	20
	11	34	128	256	147	1	428	51	176
	22	24	26	28	30	32	34	36	38
	56	175	112	0	1070	0	271	402	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 15 - 23; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;								
3341	Total Miles of Onshore Pipe – Transmission								

Offshore	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;								
0	Total Miles of Offshore Pipe – Transmission								

PART I - MILES OF GATHERING PIPE BY NOMINAL PIPE SIZE (NPS)

Onshore Type A	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	

	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;
0	Total Miles of Onshore Type A Pipe – Gathering
Onshore Type B	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;
0	Total Miles of Onshore Type B Pipe – Gathering
Offshore	NPS 4 or less	6	8	10	12	14	16	18	20
	0	0	0	0	0	0	0	0	0
	22	24	26	28	30	32	34	36	38
	0	0	0	0	0	0	0	0	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;
0	Total Miles of Offshore Pipe – Gathering

PART J – MILES OF PIPE BY DECADE INSTALLED

Decade Pipe Installed	Unknown	Pre-40	1940 - 1949	1950 - 1959	1960 - 1969	1970 - 1979
Transmission						
Onshore	0	164	417	995	748	241
Offshore						
Subtotal Transmission	0	164	417	995	748	241
Gathering						
Onshore Type A	0	0	0	0	0	0
Onshore Type B	0	0	0	0	0	0
Offshore						
Subtotal Gathering	0	0	0	0	0	0
Total Miles	*0*	*164*	*417*	*995*	*748*	*241*

Decade Pipe Installed	1980 - 1989	1990 - 1999	2000 - 2009	2010 - 2019	2020 - 2029	Total Miles
Transmission						
Onshore	297	308	134	37	0	*3341*
Offshore						
Subtotal Transmission	297	308	134	37	0	*3341*
Gathering						

Onshore Type A	0	0	0	0	0	*0*
Onshore Type B	0	0	0	0	0	*0*
Offshore						
Subtotal Gathering	0	0	0	0	0	*0*
Total Miles	*297*	*308*	*134*	*37*	*0*	*3341*

PART K- MILES OF TRANSMISSION PIPE BY SPECIFIED MINIMUM YIELD STRENGTH

ONSHORE	CLASS LOCATION				Total Miles
	Class I	Class 2	Class 3	Class 4	
Steel pipe Less than 20% SMYS	1	0	0	0	1
Steel pipe Greater than or equal to 20% SMYS but less than 30% SMYS	300	34	183	8	525
Steel pipe Greater than or equal to 30% SMYS but less than or equal to 40% SMYS	195	11	283	48	537
Steel pipe Greater than 40% SMYS but less than or equal to 50% SMYS	402	39	440	8	889
Steel pipe Greater than 50% SMYS but less than or equal to 60% SMYS	583	40	142	0	765
Steel pipe Greater than 60% SMYS but less than or equal to 72% SMYS	618	6	0	0	624
Steel pipe Greater than 72% SMYS but less than or equal to 80% SMYS	0	0	0	0	0
Steel pipe Greater than 80% SMYS	0	0	0	0	0
Steel pipe Unknown percent of SMYS	0	0	0	0	0
All Non-Steel pipe	0	0	0	0	0
Onshore Totals	2099	130	1048	64	3341

OFFSHORE	Class I
Less than or equal to 50% SMYS	0
Greater than 50% SMYS but less than or equal to 72% SMYS	0
Steel pipe Greater than 72% SMYS	0
Steel Pipe Unknown percent of SMYS	0
All non-steel pipe	0
Offshore Total	0
Total Miles	2099

0

3341

PART L - MILES OF PIPE BY CLASS LOCATION

	Class Location				Total Class Location Miles	HCA Miles in the IMP Program
	Class I	Class 2	Class 3	Class 4		
Transmission						
Onshore	2099	130	1048	64	3341	*1116*
Offshore	0	0	0	0	0	
Subtotal Transmission	2099	130	1048	64	3341	
Gathering						

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Onshore Type A	0	0	0	0	0	
Onshore Type B	0	0	0	0	*0*	
Offshore	0	0	0	0	0	
Subtotal Gathering	0	0	0	0	0	
Total Miles	2099	130	1048	64	3341	*1116*

PART M – FAILURES, LEAKS, AND REPAIRS

PART M1 – ALL LEAKS ELIMINATED/REPAIRED IN CALENDAR YEAR; INCIDENTS & FAILURES IN HCA SEGMENTS IN CALENDAR YEAR

	Transmission Leaks, and Failures					Gathering Leaks		
	Leaks				Failures in HCA Segments	Onshore Leaks		Offshore Leaks
	Onshore Leaks		Offshore Leaks					
Cause	**HCA**	**Non-HCA**	**HCA**	**Non-HCA**		**Type A**	**Type B**	
External Corrosion	0	9	0	0	0	0	0	0
Internal Corrosion	0	0	0	0	0	0	0	0
Stress Corrosion Cracking	0	0	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0	0	0
Construction	1	2	0	0	0	0	0	0
Equipment	6	25	0	0	0	0	0	0
Incorrect Operations	0	0	0	0	0	0	0	0
Third Party Damage/Mechanical Damage								
Excavation Damage	0	1	0	0	0	0	0	0
Previous Damage (due to Excavation Activity)	0	0	0	0	0	0	0	0
Vandalism (includes all Intentional Damage)	0	0	0	0	0	0	0	0
Weather Related/Other Outside Force								
Natural Force Damage (all)	1	3	0	0	0	0	0	0
Other Outside Force Damage (excluding Vandalism and all Intentional Damage)	1	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total	*9*	*40*	*0*	*0*	*0*	*0*	*0*	*0*

PART M2 – KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR

Transmission	13	**Gathering**	0

PART M3 – LEAKS ON FEDERAL LAND OR OCS REPAIRED OR SCHEDULED FOR REPAIR

Transmission		**Gathering**	
Onshore	7	Onshore Type A	0
		Onshore Type B	0
OCS	0	OCS	0
Subtotal Transmission	7	Subtotal Gathering	0
Total	7		

PART P - MILES OF PIPE BY MATERIAL AND CORROSION PROTECTION STATUS

	Steel Cathodically protected		Steel Cathodically unprotected							
	Bare	Coated	Bare	Coated	Cast Iron	Wrought Iron	Plastic	Composite[1]	Other[2]	Total Miles
Transmission										
Onshore	1	3340	0	0	0	0	0	0	0	3341
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Transmission	1	3340	0	0	*0*	*0*	*0*	0	*0*	3341
Gathering										
Onshore Type A	0	0	0	0	0	0	0	0	0	0
Onshore Type B	0	0	0	0	0	0	0	0	0	*0*
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Gathering	*0*	*0*	*0*	*0*	*0*	*0*	*0*	0	*0*	*0*
Total Miles	*1*	*3340*	*0*	*0*	*0*	*0*	*0*	0	*0*	*3341*

[1]Use of Composite pipe requires PHMSA Special Permit or waiver from a State
[2]specify Other material(s):

Part Q - Gas Transmission Miles by §192.619 MAOP Determination Method

	(a)(1) Total	(a)(1) Incomplete Records	(a)(2) Total	(a)(2) Incomplete Records	(a)(3) Total	(a)(3) Incomplete Records	(a)(4) Total	(a)(4) Incomplete Records	(c) Total	(c) Incomplete Records	(d) Total	(d) Incomplete Records	Other[1] Total	Other Incomplete Records
Class 1 (in HCA)	18	0	7	0	3	0	0	0	2	0	0	0	0	0
Class 1 (not in HCA)	746		438		361		0		521		0		0	
Class 2 (in HCA)	10	0	3	0	1	0	0	0	2	0	0	0	0	0
Class 2 (not in HCA)	54		25		21		0		14		0		0	
Class 3 (in HCA)	479	0	168	1	254	0	0	0	104	0	0	0	0	0
Class 3 (not in HCA)	11	0	14	0	13	0	0	0	4	0	0	0	0	0
Class 4 (in HCA)	25	0	9	0	29	0	0	0	1	0	0	0	0	0
Class 4 (not in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1343	0	664	1	682	0	0	0	648	0	0	0	0	0

Grand Total	3337
Sum of Total row for all "Incomplete Records" columns	4

[1]Specify Other method(s):

Class 1 (in HCA)		Class 1 (not in HCA)	
Class 2 (in HCA)		Class 2 (not in HCA)	
Class 3 (in HCA)		Class 3 (not in HCA)	
Class 4 (in HCA)		Class 4 (not in HCA)	

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Part R – Gas Transmission Miles by Pressure Test (PT) Range and Internal Inspection

	PT ≥ 1.25 MAOP		1.25 MAOP > PT ≥ 1.1 MAOP		PT < 1.1 or No PT	
Location	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE
Class 1 in HCA	23	3	1	0	2	1
Class 2 in HCA	13	2	0	0	0	1
Class 3 in HCA	803	194	0	0	3	6
Class 4 in HCA	58	6	0	0	0	0
in HCA subTotal	*897*	*205*	*1*	*0*	*5*	*8*
Class 1 not in HCA	728	655	345	38	221	82
Class 2 not in HCA	48	51	2	1	6	6
Class 3 not in HCA	0	37	0	0	0	5
Class 4 not in HCA	0	0	0	0	0	0
not in HCA subTotal	*776*	*743*	*347*	*39*	*227*	*93*
Total	*1673*	*948*	*348*	*39*	*232*	*101*

PT ≥ 1.25 MAOP Total	2621	Total Miles Internal Inspection ABLE	2253
1.25 MAOP > PT ≥ 1.1 MAOP Total	387	Total Miles Internal Inspection NOT ABLE	1088
PT < 1.1 or No PT Total	333	Grand Total	3341
Grand Total	3341		

For the designated Commodity Group, complete PART N one time for all of the pipelines and/or pipeline facilities included within this OPID, and then also PART O if any gas transmission pipeline facilities included within this OPID have Part L HCA mile value greater than zero.

PART N - PREPARER SIGNATURE

James Dewberry

Preparer's Name(type or print)

(213)244-4514
Telephone Number

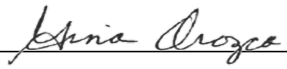
Pipeline Integrity - Reporting Management team leader

Preparer's Title

JDewberry@socalgas.com

Preparer's E-mail Address

PART O - CERTIFYING SIGNATURE (applicable only to PARTs B, F, G, and M1)



(213)244-5402
Telephone Number

Gina Orozco

Senior Executive Officer's name certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)

VP Gas Engineering and System Integrity

Senior Executive Officer's title certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)

GOrozco@socalgas.com

Senior Executive Officer's E-mail Address