Form Approved
OMB No. 2137-0522
Expires: 1/31/2023

U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration	**ANNUAL REPORT FOR CALENDAR YEAR 2019 NATURAL OR OTHER GAS TRANSMISSION and GATHERING SYSTEMS**	**Initial Date Submitted**	**03/11/2020**
		Report Submission Type	**INITIAL**
		Date Submitted	

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	**20200853 - 37545**

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

18536

2. NAME OF OPERATOR:

SOUTHWEST GAS CORP

3. RESERVED

4. HEADQUARTERS ADDRESS:

5241 SPRING MOUNTAIN ROAD
Street Address

LAS VEGAS
City

State: **NV** Zip Code: **89150**

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. **ARIZONA, CALIFORNIA, NEVADA** etc.

8. RESERVED

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	108.321
Offshore	0
Total Miles	108.321

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	15.236	510.185	0	0	0	0	0	0	0	*525.421*
Offshore	0	0	0	0	0	0	0	0	0	*0*
Subtotal Transmission	*15.236*	*510.185*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*525.421*
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	*15.236*	*510.185*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*525.421*

[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 ARIZONA** *(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	0
b. Dent or deformation tools	0
c. Crack or long seam defect detection tools	0
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)	*0*
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.	0
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.	0
c. Total number of conditions repaired 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(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.	8.78
1. ECDA	8.78
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:	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(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)	*8.78*
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)	1
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)	0
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.	1.442
b. Reassessment miles completed during the calendar year.	7.337
c. Total assessment and reassessment miles completed during the calendar year.	8.779

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	0
b. Dent or deformation tools	0
c. Crack or long seam defect detection tools	0
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)	*0*
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.	0

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.	0
c. Total number of conditions repaired WITHIN AN HCA SEGMENT meeting the definition of:	
1. "Immediate repair conditions" [192.933(d)(1)]	
2. "One-year conditions" [192.933(d)(2)]	
3. "Monitored conditions" [192.933(d)(3)]	
4. Other "Scheduled conditions" [192.933(c)]	
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.	
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.	
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.	0
1. ECDA	0
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.	0
1. ECDA	0
2. ICDA	0
3. SCCDA	0
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	
1. "Immediate repair conditions" [192.933(d)(1)]	
2. "One-year conditions" [192.933(d)(2)]	
3. "Monitored conditions" [192.933(d)(3)]	
4. Other "Scheduled conditions" [192.933(c)]	
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:	
1. "Immediate repair conditions" [192.933(d)(1)]	
2. "One-year conditions" [192.933(d)(2)]	
3. "Monitored conditions" [192.933(d)(3)]	
4. Other "Scheduled conditions" [192.933©]	
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)	*0*
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)	0
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)	
d. Total number of actionable anomalies eliminated by pipe replacement in calendar year WITHIN AN HCA SEGMENT:	
e. Total number of actionable anomalies eliminated by pipe abandonment in calendar year WITHIN AN HCA SEGMENT:	

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.	0
b. Reassessment miles completed during the calendar year.	0
c. Total assessment and reassessment miles completed during the calendar year.	0

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 NEVADA** *(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	24.255
b. Dent or deformation tools	24.255
c. Crack or long seam defect detection tools	0
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)	*48.51*
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.	1
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.	1
c. Total number of conditions repaired 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
3. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON PRESSURE TESTING	
a. Total mileage inspected by pressure testing in calendar year.	0.2
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.	200.067
1. ECDA	11.029
2. ICDA	189.038
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)]	0
2. "One-year conditions" [192.933(d)(2)]	1
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)	*248.777*
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)	2
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)	2
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.	1.844
b. Reassessment miles completed during the calendar year.	39.662
c. Total assessment and reassessment miles completed during the calendar year.	41.506

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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 ARIZONA

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

Onshore	NPS 4 or less	6	8	10	12	14	16	18	20
	56.842	44.332	27.81	32.351	36.926	0	19.801	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;): 5 - 21.034; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;								
239.096	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	0	5.505	59.074	56.502	35.592
Offshore						
Subtotal Transmission	0	0	5.505	59.074	56.502	35.592
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*	*0*	*5.505*	*59.074*	*56.502*	*35.592*

Decade Pipe Installed	1980 - 1989	1990 - 1999	2000 - 2009	2010 - 2019	2020 - 2029	Total Miles
Transmission						
Onshore	12.9	0.98	26.79	41.753		*239.096*
Offshore						
Subtotal Transmission	12.9	0.98	26.79	41.753		*239.096*
Gathering						

Onshore Type A	0	0	0	0		*0*
Onshore Type B	0	0	0	0		*0*
Offshore						
Subtotal Gathering	0	0	0	0		*0*
Total Miles	*12.9*	*0.98*	*26.79*	*41.753*		*239.096*

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	14.955	3.225	75.748	1.221	95.149
Steel pipe Greater than or equal to 20% SMYS but less than 30% SMYS	1.069	0	38.536	1.267	40.872
Steel pipe Greater than or equal to 30% SMYS but less than or equal to 40% SMYS	0	0	0.934	0	0.934
Steel pipe Greater than 40% SMYS but less than or equal to 50% SMYS	0	0	0	0	0
Steel pipe Greater than 50% SMYS but less than or equal to 60% SMYS	0	0	0	0	0
Steel pipe Greater than 60% SMYS but less than or equal to 72% SMYS	0	0	0	0	0
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	56.191	1.01	44.244	0.696	102.141
All Non-Steel pipe	0	0	0	0	0
Onshore Totals	72.215	4.235	159.462	3.184	239.096
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				*0*
Total Miles	72.215				*239.096*

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	72.215	4.235	159.462	3.184	239.096	*46.391*
Offshore	0	0	0	0	0	
Subtotal Transmission	72.215	4.235	159.462	3.184	239.096	
Gathering						

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	72.215	4.235	159.462	3.184	239.096	*46.391*

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	0	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	0	0	0	0	0	0	0	0
Equipment	0	1	0	0	1	0	0	0
Incorrect Operations	0	0	0	0	0	0	0	0
Third Party Damage/Mechanical Damage								
Excavation Damage	0	0	0	0	1	0	0	0
Previous Damage (due to Excavation Activity)	0	0	0	0	1	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)	0	0	0	0	0	0	0	0
Other Outside Force Damage (excluding Vandalism and all Intentional Damage)	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total	*0*	*1*	*0*	*0*	*3*	*0*	*0*	*0*

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

Transmission	0	**Gathering**	0

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

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

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	15.236	223.86	0	0	0	0	0	0	0	239.096
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Transmission	15.236	223.86	0	0	*0*	*0*	*0*	0	*0*	239.096
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	*15.236*	*223.86*	*0*	*0*	*0*	*0*	*0*	0	*0*	*239.096*

[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)	0	0	0.395	0	0	0	0	0	0	0	0	0	0	0
Class 1 (not in HCA)	0		12.175		0		59.645		0		0		0	
Class 2 (in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 2 (not in HCA)	0		1.83		0		2.405		0		0		0	
Class 3 (in HCA)	0	0	18.172	0	0	0	25.992	0	0	0	0	0	0	0
Class 3 (not in HCA)	0	0	45.582	0	0	0	69.716	0	0	0	0	0	0	0
Class 4 (in HCA)	0	0	1.017	0	0	0	0.815	0	0	0	0	0	0	0
Class 4 (not in HCA)	0	0	0.359	0	0	0	0.993	0	0	0	0	0	0	
Total	0	0	79.53	0	0	0	159.566	0	0	0	0	0	0	0

Grand Total	239.096
Sum of Total row for all "Incomplete Records" columns	0

[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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OMB No. 2137-0522
Expires: 1/31/2023

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	0	0.395	0	0	0	0
Class 2 in HCA	0	0	0	0	0	0
Class 3 in HCA	1.866	16.306	0	0	0.002	25.99
Class 4 in HCA	0.378	0.639	0	0	0	0.815
in HCA subTotal	*2.244*	*17.34*	*0*	*0*	*0.002*	*26.805*
Class 1 not in HCA	0	12.175	0	0	0	59.645
Class 2 not in HCA	0	1.83	0	0	0	2.405
Class 3 not in HCA	0.463	45.119	0	0	0	69.716
Class 4 not in HCA	0.107	0.252	0	0	0	0.993
not in HCA subTotal	*0.57*	*59.376*	*0*	*0*	*0*	*132.759*
Total	*2.814*	*76.716*	*0*	*0*	*0.002*	*159.564*

PT ≥ 1.25 MAOP Total	79.53	Total Miles Internal Inspection ABLE	2.816
1.25 MAOP > PT ≥ 1.1 MAOP Total	0	Total Miles Internal Inspection NOT ABLE	236.28
PT < 1.1 or No PT Total	159.566	Grand Total	239.096
Grand Total	239.096		

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
	0.03	0.018	0.075	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;								
0.123	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	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	0	0	0	0	0
Offshore						
Subtotal Transmission	0	0	0	0	0	0
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*	*0*	*0*	*0*	*0*	*0*

Decade Pipe Installed	1980 - 1989	1990 - 1999	2000 - 2009	2010 - 2019	2020 - 2029	Total Miles
Transmission						
Onshore	0.078	0.007	0.03	0.008		*0.123*
Offshore						
Subtotal Transmission	0.078	0.007	0.03	0.008		*0.123*
Gathering						
Onshore Type A	0	0	0	0		*0*
Onshore Type B	0	0	0	0		*0*
Offshore						
Subtotal Gathering	0	0	0	0		*0*
Total Miles	*0.078*	*0.007*	*0.03*	*0.008*		*0.123*

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	0	0	0	0	0
Steel pipe Greater than or equal to 20% SMYS but less than 30% SMYS	0.104	0	0.019	0	0.123
Steel pipe Greater than or equal to 30% SMYS but less than or equal to 40% SMYS	0	0	0	0	0
Steel pipe Greater than 40% SMYS but less than or equal to 50% SMYS	0	0	0	0	0
Steel pipe Greater than 50% SMYS but less than or equal to 60% SMYS	0	0	0	0	0
Steel pipe Greater than 60% SMYS but less than or equal to 72% SMYS	0	0	0	0	0
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	0.104	0	0.019	0	0.123

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		*0*
Total Miles	0.104		*0.123*

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	0.104	0	0.019	0	0.123	*0*
Offshore	0	0	0	0	0	
Subtotal Transmission	0.104	0	0.019	0	0.123	
Gathering						
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	0.104	0	0.019	0	0.123	*0*

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	0	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	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0
Incorrect Operations	0	0	0	0	0	0	0	0
Third Party Damage/Mechanical Damage								
Excavation Damage	0	0	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)	0	0	0	0	0	0	0	0
Other Outside Force Damage (excluding Vandalism and all Intentional Damage)	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*

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OMB No. 2137-0522
Expires: 1/31/2023

PART M2 – KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR			
Transmission	1	**Gathering**	0

PART M3 – LEAKS ON FEDERAL LAND OR OCS REPAIRED OR SCHEDULED FOR REPAIR			
Transmission		**Gathering**	
Onshore	0	Onshore Type A	0
		Onshore Type B	0
OCS	0	OCS	0
Subtotal Transmission	0	Subtotal Gathering	0
Total	0		

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	0	0.123	0	0	0	0	0	0	0	0.123
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Transmission	0	0.123	0	0	*0*	*0*	*0*	0	*0*	0.123
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	*0*	*0.123*	*0*	*0*	*0*	*0*	*0*	0	*0*	*0.123*

[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)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 1 (not in HCA)	0		0.104		0		0		0		0		0	
Class 2 (in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 2 (not in HCA)	0		0		0		0		0		0		0	
Class 3 (in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 3 (not in HCA)	0	0	0.019	0	0	0	0	0	0	0	0	0	0	0
Class 4 (in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 4 (not in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	0	0	0.123	0	0	0	0	0	0	0	0	0	0	0

Grand Total	0.123
Sum of Total row for all "Incomplete Records" columns	0

[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)	

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	0	0	0	0	0	0
Class 2 in HCA	0	0	0	0	0	0
Class 3 in HCA	0	0	0	0	0	0
Class 4 in HCA	0	0	0	0	0	0
in HCA subTotal	*0*	*0*	*0*	*0*	*0*	*0*
Class 1 not in HCA	0	0.104	0	0	0	0
Class 2 not in HCA	0	0	0	0	0	0
Class 3 not in HCA	0	0.019	0	0	0	0
Class 4 not in HCA	0	0	0	0	0	0
not in HCA subTotal	*0*	*0.123*	*0*	*0*	*0*	*0*
Total	*0*	*0.123*	*0*	*0*	*0*	*0*

PT ≥ 1.25 MAOP Total	0.123	Total Miles Internal Inspection ABLE	0
1.25 MAOP > PT ≥ 1.1 MAOP Total	0	Total Miles Internal Inspection NOT ABLE	0.123
PT < 1.1 or No PT Total	0	Grand Total	0.123
Grand Total	0.123		

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OMB No. 2137-0522
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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 NEVADA

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

Onshore	NPS 4 or less	6	8	10	12	14	16	18	20
	0.21	8.54	9.625	18.037	64.629	0	113.925	0	21.31
	22	24	26	28	30	32	34	36	38
	0	49.926	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;								
286.202	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	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 - 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 - 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	0	0	80.066	72.462	19.092
Offshore						
Subtotal Transmission	0	0	0	80.066	72.462	19.092
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*	*0*	*0*	*80.066*	*72.462*	*19.092*

Decade Pipe Installed	1980 - 1989	1990 - 1999	2000 - 2009	2010 - 2019	2020 - 2029	Total Miles
Transmission						
Onshore	1.364	78.499	32.541	2.178		*286.202*
Offshore						
Subtotal Transmission	1.364	78.499	32.541	2.178		*286.202*
Gathering						
Onshore Type A	0	0	0	0		*0*
Onshore Type B	0	0	0	0		*0*
Offshore						

Subtotal Gathering	0	0	0	0		*0*
Total Miles	*1.364*	*78.499*	*32.541*	*2.178*		*286.202*

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	0.183	0	4.878	0.003	5.064
Steel pipe Greater than or equal to 20% SMYS but less than 30% SMYS	38.535	0.171	30.195	1.189	70.09
Steel pipe Greater than or equal to 30% SMYS but less than or equal to 40% SMYS	43.057	0.763	41.2	2.193	87.213
Steel pipe Greater than 40% SMYS but less than or equal to 50% SMYS	58.316	0.466	32.308	0.05	91.14
Steel pipe Greater than 50% SMYS but less than or equal to 60% SMYS	9.377	0	0.016	0	9.393
Steel pipe Greater than 60% SMYS but less than or equal to 72% SMYS	0	0	0	0	0
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	22.832	0.465	0.005	0	23.302
All Non-Steel pipe	0	0	0	0	0
Onshore Totals	172.3	1.865	108.602	3.435	286.202

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	172.3

0

286.202

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	172.3	1.865	108.602	3.435	286.202	*61.93*
Offshore	0	0	0	0	0	
Subtotal Transmission	172.3	1.865	108.602	3.435	286.202	
Gathering						
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	172.3	1.865	108.602	3.435	286.202	*61.93*

PART M – FAILURES, LEAKS, AND REPAIRS

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

Cause	Transmission Leaks, and Failures					Gathering Leaks		
	Leaks				Failures in HCA Segments	Onshore Leaks		Offshore Leaks
	Onshore Leaks		Offshore Leaks					
	HCA	Non-HCA	HCA	Non-HCA		Type A	Type B	
External Corrosion	0	0	0	0	1	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	0	0	0	0	1	0	0	0
Equipment	0	0	0	0	1	0	0	0
Incorrect Operations	0	0	0	0	0	0	0	0
Third Party Damage/Mechanical Damage								
Excavation Damage	0	0	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)	0	0	0	0	0	0	0	0
Other Outside Force Damage (excluding Vandalism and all Intentional Damage)	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total	*0*	*0*	*0*	*0*	*3*	*0*	*0*	*0*

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

Transmission	0	Gathering	0

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

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

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	0	286.202	0	0	0	0	0	0	0	286.202
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Transmission	0	286.202	0	0	*0*	*0*	*0*	0	*0*	286.202
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	*0*	*286.202*	*0*	*0*	*0*	*0*	*0*	0	*0*	*286.202*

[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)	0	0	0	0	0	0	0	0	0.286	0	0	0	0	0
Class 1 (not in HCA)	18.429		14.194		0		0		76.868		0		62.523	
Class 2 (in HCA)	0	0	0	0	0	0	0	0	0.228	0	0	0	0	0
Class 2 (not in HCA)	0.165		0.822		0		0		0.65		0		0	
Class 3 (in HCA)	39.414	0	18.505	0	0	0	0	0	0.613	0	0	0	0	0
Class 3 (not in HCA)	21.332	0	27.306	0	0	0	0	0	1.432	0	0	0	0	0
Class 4 (in HCA)	1.815	0	1.069	0	0	0	0	0	0	0	0	0	0	0
Class 4 (not in HCA)	0.068	0	0.483	0	0	0	0	0	0	0	0	0	0	
Total	81.223	0	62.379	0	0	0	0	0	80.077	0	0	0	62.523	0

Grand Total	286.202
Sum of Total row for all "Incomplete Records" columns	0

[1]Specify Other method(s):

Class 1 (in HCA)		Class 1 (not in HCA)	Subpart K
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)	

Form Approved
OMB No. 2137-0522
Expires: 1/31/2023

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	0	0	0	0	0	0.286
Class 2 in HCA	0	0	0	0	0	0.228
Class 3 in HCA	22.491	32.627	0	0	2.724	0.69
Class 4 in HCA	1.056	1.828	0	0	0	0
in HCA subTotal	*23.547*	*34.455*	*0*	*0*	*2.724*	*1.204*
Class 1 not in HCA	5.629	31.405	0	0	0	134.98
Class 2 not in HCA	0.165	0.821	0	0	0	0.651
Class 3 not in HCA	4.911	42.118	0	0	0.709	2.332
Class 4 not in HCA	0	0.551	0	0	0	0
not in HCA subTotal	*10.705*	*74.895*	*0*	*0*	*0.709*	*137.963*
Total	*34.252*	*109.35*	*0*	*0*	*3.433*	*139.167*

PT ≥ 1.25 MAOP Total	143.602	Total Miles Internal Inspection ABLE	37.685
1.25 MAOP > PT ≥ 1.1 MAOP Total	0	Total Miles Internal Inspection NOT ABLE	248.517
PT < 1.1 or No PT Total	142.6	Grand Total	286.202
Grand Total	286.202		

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

Daren S. Turner

Preparer's Name(type or print)

(702)365-2365
Telephone Number

Administrator/Compliance

Preparer's Title

daren.turner@swgas.com

Preparer's E-mail Address

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

(702)365-2218
Telephone Number

Chris Sohus

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

Vice President/Division Operations

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

Chris.Sohus@swgas.com

Senior Executive Officer's E-mail Address