Notice: This report is required by 49 CFR Part 191. Failure to report may result in a civil penalty not to exceed \$100,000 for each violation	Form Approved
for each day the violation continues up to a maximum of \$1,000,000 as provided in 49 USC 60122.	OMB No. 2137-0522
	Expires: 1/31/2023

			L^	51103. 1/01/2020
9	U.S. Department of Transportation	ANNUAL REPORT FOR CALENDAR YEAR 2015	Initial Date Submitted	03/15/2016
	Pipeline and Hazardous Materials Safety Administration	NATURAL OR OTHER GAS TRANSMISSION and GATHERING SYSTEMS	Report Submission Type	SUPPLEME NTAL
			Date Submitted	10/05/2017

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	20164804 - 33336	
1. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER (OPID)	2. NAME OF OPERATOR: SOUTHWEST GAS CORP		
10550			
3. RESERVED	4. HEADQUARTERS	ADDRESS:	
	5241 SPRING MOUN Street Address	ITAIN ROAD	
	LAS VEGAS City State: NV Zip Code: 89150		
5. THIS REPORT PERTAINS TO THE FOLLOWING COMMODITY G and complete the report for that Commodity Group. File a separate re Natural Gas			
6. RESERVED			
7. FOR THE DESIGNATED "COMMODITY GROUP", THE PIPELINI (Select one or both)	ES AND/OR PIPELINE	FACILITIES INCLUDED WITHIN THIS OPID ARE:	
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 facilities included under this OPID exist. A			

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 125.123				
Offshore 0				
Total Miles	125.123			

PART C - VOLUME TRANSPORTED IN TRAN PIPELINES (ONLY) IN MILLION SCF PER YEA (excludesTransmission lines of Gas Distribu	AR	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 Steel Cathodically protected unprotected									
	Bare	Coated	Bare	Coated	Cast Iron	Wrought Iron	Plastic	Composite ¹	Other	Total Miles
Transmission										
Onshore	15.66 8	614.227	0	0	0	0	0	0	0	629.895
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Transmission	15.66 8	614.227	0	0	0	0	0	0	0	629.895
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	15.66 8	614.227	0	0	0	0	0	0	0	629.895

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

PART E – RESERVED

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) \boxtimes

IILEAGE 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	0
e. Total tool mileage inspected in calendar year using in-line inspection tools. (Lines a + b + c + d)	0
CTIONS 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
ILEAGE 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
ILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON DA (Direct Assessment methods)	
a. Total mileage inspected by each DA method in calendar year.	112.5
1. ECDA	10.6
2. ICDA	101.9
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.	4
1. ECDA	3
2. ICDA	1
3. SCCDA	0
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	4

Notice: This report is required by 49 CFR Part 191. Failure to report may result in a civil penalty not to exceed \$100,000 for each violation	
for each day the violation continues up to a maximum of \$1,000,000 as provided in 49 USC 60122.	0

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2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	2
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	0
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)	112.5
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)	4
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)	4
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 Second	jment miles
a. Baseline assessment miles completed during the calendar year.	1.2
b. Reassessment miles completed during the calendar year.	9
c. Total assessment and reassessment miles completed during the calendar year.	10.2

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)

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
ACTIONS TAKEN IN CALENDAR YEAR BASED ON IN-LINE INSPECTIONS	

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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
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
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:	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
MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON OTHER INSPECTION TECHNIQUE	S
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
OTAL 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)	0
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:	

ONLY)

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

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	0
e. Total tool mileage inspected in calendar year using in-line inspection tools. (Lines a + b + c + d)	0
ACTIONS TAKEN IN CALENDAR YEAR BASED ON IN-LINE INSPECTIONS	1
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
. 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
. 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.	8.6
1. ECDA	8.6
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

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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)]	1
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	0
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	
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)	8.6
	8.6 1
 a. Total mileage inspected in calendar year. (Lines 1.e + 3.a + 4.a.1 + 4.a.2 + 4.a.3 + 5.a) b. Total number of anomalies repaired in calendar year both within an HCA Segment and outside of an HCA 	
 a. Total mileage inspected in calendar year. (Lines 1.e + 3.a + 4.a.1 + 4.a.2 + 4.a.3 + 5.a) 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) c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT. (Lines 2.c.1 + 2.c.2 + 2.c.3 + 	1
 a. Total mileage inspected in calendar year. (Lines 1.e + 3.a + 4.a.1 + 4.a.2 + 4.a.3 + 5.a) 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) 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 	1
 a. Total mileage inspected in calendar year. (Lines 1.e + 3.a + 4.a.1 + 4.a.2 + 4.a.3 + 5.a) 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) 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 	1 1 0 0
 a. Total mileage inspected in calendar year. (Lines 1.e + 3.a + 4.a.1 + 4.a.2 + 4.a.3 + 5.a) 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) 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) 	1 1 0 0
 a. Total mileage inspected in calendar year. (Lines 1.e + 3.a + 4.a.1 + 4.a.2 + 4.a.3 + 5.a) 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) 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) 	1 1 0 0 ment miles

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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)

					0	- ()				
	NPS 4 or less	6	8	10	12	14	16	18	20	
	73.764	77.904	50.985	36.188	26	0	19.697	0	0	
	22	24	26	28	30	32	34	36	38	
Onshore	0	0	0	0	0	0	0	0	0	
Olisilore	40	42	44	46	48	52	56	58 and over		
	0	0	0	0	0	0	0	0		
	Additional S 5 - 22.479;	izes and Miles 0 - 0; 0 - 0; 0 -	(Size – Miles;) 0; 0 - 0; 0 - 0; (: D - 0; 0 - 0; 0 -	0;					
307.017		of Onshore Pip	e – Transmissi	on						
	NPS 4 or less	6	8	10	12	14	16	18	20	
	22	24	26	28	30	32	34	36	38	
Offshore	40	42	44	46	48	52	56	58 and over		
	Additional Sizes and Miles (Size – Miles;): -; -; -; -; -; -; -; -; -; -;									
	Total Miles of	of Offshore Pip	e – Transmissi	on						
PART I - MII	LES OF GA	THERING F	PIPE BY NO	MINAL PIF	PE SIZE (NF	PS)				
	NPS 4 or less	6	8	10	12	14	16	18	20	
Onshore Type A	22	24	26	28	30	32	34	36	38	
туре А			20	20		02				
	40	42	44	46	48	52		8 and ver		

	Additiona	al Sizes and Miles	(Size – Miles;)	:							
	Total Mile	es of Onshore Typ	e A Pipe – Gat	thering							
	NPS 4	6	8	10	12	14	1	6	1	18	20
	or less										
	22	24	26	28	30	32	3	4	3	36	38
Onshore											
Туре В	40	42	44	46	48	52	56	58 ove	and er		
	Additiona	al Sizes and Miles	(Size – Miles;)	:							
	Total Mile	es of Onshore Typ	e B Pipe – Gat	thering							
	NPS 4 or less		8	10	12	14	1	6	1	18	20
	22	24	26	28	30	32	3	4	3	36	38
Offshore								59	and		
	40	42	44	46	48	52	56	0V6			
	Additiona	al Sizes and Miles	(Size – Miles:)	-							
				•							
	I otal Mile	es of Offshore Pipe	e – Gathering								
PART J – M	ILES OF	PIPE BY DEC		ALLED							
Decade Pipe Installed		Unknown	Pre-40	1940 -	1949	1950 - 1959	1960 -	1969		1	970 - 1979
Transmissio	on			L							
Onshore		0.744	0	14.1	33	100.816	68.2	32			38.652
Offshore											
Subtotal Trans	mission	0.744	0	14.1	33	100.816	68.2	32			38.652
Gathering											
Onshore Typ									_		
Onshore Typ	be B										
Offshore Subtotal G	othoring										
Total Miles	autening	0.744	0	14.1	33	100.816	68.2	32			38.652
Decade Pipe Installed		1980 - 1989	1990 - 199			2010 - 2019	2020 -				Total Miles
Transmissio	on										
Onshore	Γ	18.051	5.743	29.5	14	31.132					307.017
Offshore	1										
Subtotal Trans	mission	18.051	5.743	29.5	14	31.132					307.017
Gathering											

Onshore Type A								
Onshore Type B								
Offshore								
Subtotal Gathering								
Total Miles	18.051	5.743	29.514	31.1	32			307.017
						-		
PART K- MILES OF	TRANSMISSIO	N PIPE BY SI	PECIFIED MI	NIMUM `	YIELD ST	RENGTH		
ONSHO	RE		CL	ASS LOO	CATION			Total Miles
		Class I	Class	2	Class 3	Clas	s 4	
Steel pipe Less than 2	0% SMYS	23.907	3.16	5	71.866	1.9	46	100.884
Steel pipe Greater tha 20% SMYS but less th	an 30% SMYS	1.073	0.53	3	42.218	1.7	73	45.554
Steel pipe Greater tha 30% SMYS but less th 40% SMYS		0	0.119	9	1.747	0		1.866
Steel pipe Greater that but less than or equal	to 50% SMYS	0	0		0	0		0
Steel pipe Greater that but less than or equal	to 60% SMYS	0	0		0	0	1	0
Steel pipe Greater that but less than or equal		0	0		0	0	1	0
Steel pipe Greater that but less than or equal	an 72% SMYS to 80% SMYS	0	0		0	0	1	0
Steel pipe Greater that	an 80% SMYS	0	0		0	0	1	0
Steel pipe Unknown	percent of SMYS	65.805	1.45	1	89.719	1.73	38	158.713
All Non-Steel pipe		0	0		0	0	1	0
	Onshore Totals	90.785	5.268	В	205.55	5.4	14	307.017
OFFSHORE		Class I						
Less than or equal to	50% SMYS							
Greater than 50% SM or equal to 72% SMYS								
Steel pipe Greater tha								
Steel Pipe Unknown p			_					
All non-steel pipe								
	Offshore Total							
	Total Miles	90.785						307.017
PART L - MILES OF	PIPE BY CLAS	S LOCATION						
		Clas	s Location			Total Class Locati	ion	HCA Miles in the IMP
	Class I	Class 2	Class 3		Class 4	Miles		Program
Transmission								
Onshore	90.785	5.268	205.55		5.414	307.017		57.536
Offshore		0	0		0	0		
Subtotal Transmissio	n 90.785	5.268	205.55		5.414	307.017		
Gathering								

	•							Expires: 1/31/2023
Onshore Type A								
Onshore Type B								
Offshore								
Subtotal Gathering								
Total Miles	90.785	5.268	:	205.55	5.414	30	7.017	57.536
	00.100	0.200		200.00	0.111			01.000
PART M – FAILURES, LE PART M1 – ALL LEAKS ELIMIN			ENDAR YI	EAR; INCIDE	NTS & FAILURE	S IN HCA S	EGMENTS IN	N CALENDAR YEAR
		Transmissi	on Leaks	and Failures		[Gatherin	n Looks
				and Failures				-
		Lea	-		Failures in HCA	Onsho	re Leaks	Offshore Leaks
Course		ore Leaks		ore Leaks	Segments	T	T	
Cause	HCA	Non-HCA	HCA	Non-HCA	_	Туре А	Туре В	
External Corrosion	0	0	0	0	0			
Internal Corrosion	0	0	0	0	0			
Stress Corrosion Cracking	0	0	0	0	0			
Manufacturing	0	1	0	0	0			
Construction	1	0	0	0	3			
Equipment	0	1	0	0	0			
Incorrect Operations	0	0	0	0	0			
Third Party Damage/Med						r	1	
Excavation Damage	0	0	0	0	2			
Previous Damage (due to Excavation Activity)	0	0	0	0	0			
Vandalism (includes all	0	0	0	0	0			
Intentional Damage)			I					
Weather Related/Other C		· · · · · · · · · · · · · · · · · · ·	0	0	<u>^</u>	T T	1	I
Natural Force Damage (all)	0	0	0	0	0			
Other Outside Force Damage (excluding Vandalism and all Intentional Damage)	0	0	0	0	0			
Other	0	0	0	0	0			
Tota	al 1	2	0	0	5			
PART M2 – KNOWN SYSTEM L		ID OF YEAR S		ED FOR REP	AIR			
Transmission	0	1	Gathe	ring	0			
PART M3 – LEAKS ON FEDER		OCS REPAIR						
Transmission	1		G	athering				
		Onsho	re Type A	•		1		
Onshore	0		re Type E			1		
OCS	0	OCS]		
Subtotal Transmission	0	Sub	total Gath	ering				
Total		-	0			1		
i otai			•					

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

PART F - MILES OF FIFE BT MATERIAL AND CORROSION PROTECTION STATUS										
		thodically ected	Steel Cathodically unprotected							
	Bare	Coated	Bare	Coated	Cast Iron	Wrought Iron	Plastic	Composite ¹	Other ²	Total Miles
Transmission										
Onshore	15.668	291.349	0	0	0	0	0	0	0	307.017
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Transmission	15.66 8	291.34 9	0	0	0	0	0	0	0	307.017
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	15.66 8	291.34 9	0	0	0	0	0	0	0	307.017

¹Use of Composite pipe requires PHMSA Special Permit or waiver from a State ²specify 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	0.16	0	0	0	0	0	0	0	0	0	0	0
Class 1 (not in HCA)	0		21.15 1		0		69.47 4		0		0		0	
Class 2 (in HCA)	0	0	0.053	0	0	0	0.083	0	0	0	0	0	0	0
Class 2 (not in HCA)	0		2.225		0		2.907		0		0		0	
Class 3 (in HCA)	0	0	12.55 4	0	0	41.80 2	0	0	0	0	0	0	0	
Class 3 (not in HCA)	0.003	0	38.98 7	0	0	0	112.2 04	0	0	0	0	0	0	0
Class 4 (in HCA)	0	0	0.952	0	0	0	1.932	0	0	0	0	0	0	0
Class 4 (not in HCA)	0	0	0.67	0.67 0 0 0 1.86					0	0	0	0	0	
Total	0.003	0	76.75 2	0	0	0	230.2 62	0	0	0	0	0	0	0
Grand Total								307.017						
Sum of Total row	for all "	Incomple	ete Rec	cords" colu	mns			0						
¹ Specify Other me	ethod(s)	:												
Class 1 (in HCA)	uss 1 (in HCA)							1 (not in HC	A)					
Class 2 (in HCA)							Class	2 (not in HC	A)					
Class 3 (in HCA)							Class	3 (not in HC	A)					
Class 4 (in HCA)							Class	4 (not in HC	A)					

	PT ≥ 1.	25 MAOP	1.25 MAO	P > PT ≥ 1.1 MAOP	PT < 1.1 or	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 Interna Inspection NOT ABLE		
Class 1 in HCA	0	0.16	0	0	0	0		
Class 2 in HCA	0	0.053	0	0	0	0.083		
Class 3 in HCA	0	12.554	0	0	0	41.802		
Class 4 in HCA	0	0.952	0	0	0	1.932		
in HCA subTotal	0	13.719	0	0	0	43.817		
Class 1 not in HCA	0	21.151	0	0	0	69.474		
Class 2 not in HCA	0	2.225	0	0	0	2.907		
Class 3 not in HCA	0	38.987	0	0	0	112.207		
Class 4 not in HCA	0	0.67	0	0	0	1.86		
not in HCA subTotal	0	63.033	0	0	0	186.448		
Total	0	76.752	0	0	0	230.265		
PT ≥ 1.25 MAOP Tota	al		76.752	Total Miles Internal In	spection ABLE	0		
1.25 MAOP > PT ≥ 1.	1 MAOP Total		0	Total Miles Internal In	spection NOT ABLE	307.017		
PT < 1.1 or No PT To	tal		230.265		Grand Total	307.017		
		Grand Total	307.017					

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

	NPS 4 or less	6	8	10	12	14	16	18	20			
	0.077	0.02	0.079	0.349	1.052	0	6.781	0	0			
	22	24	26	28	30	32	34	36	38			
Onshore	0	0	0	0	0	0	0	0	0			
Unshore	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;										
8.358	Total Miles of	of Onshore Pip	e – Transmissi	on								
	NPS 4 or less	6	8	10	12	14	16	18	20			
Offshore												
	22	24	26	28	30	32	34	36	38			

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	_							Expir	es: 1/31/2023
	40	42	44	46	48	52	56	58 and over	
								00001	
		izes and Miles):		1			
	Total Miles o	of Offshore Pip	e – Transmiss	ion					
PART I - M	ILES OF GA	THERING F	PIPE BY NO	OMINAL PIF	PE SIZE (NF	PS)			1
	NPS 4 or less	6	8	10	12	14	16	18	20
Onshore	22	24	26	28	30	32	34	36	38
Туре А	40	42	44	46	48	52	56	58 and over	
	Additional Si	izes and Miles	(Sizo Miloc)	\					
		of Onshore Typ							
	NPS 4 or less	6	8	10	12	14	16	18	20
	22	24	26	28	30	32	34	36	38
Onshore Type B	40	42	44	46	48	52	56	58 and over	
	Additional Si	izes and Miles	(Size – Miles;)):					
		of Onshore Typ	oe B Pipe – Ga	thering			_		1
	NPS 4 or less	6	8	10	12	14	16	18	20
0//-1	22	24	26	28	30	32	34	36	38
Offshore	40	42	44	46	48	52	56	58 and over	
	Additional Si	izes and Miles	(Size – Miles;)):					
		of Offshore Pip							

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							Expi	res: 1/31/2023
Decade Pipe Installed	Unknown	Pre-40	1940 - 1949	1950 - 1959	1960 -	1969		1970 - 1979
Transmission								
Onshore	0	0	0	0	C)		0
Offshore								
Subtotal Transmission	0	0	0	0	C)		0
Gathering								
Onshore Type A								
Onshore Type B								
Offshore								
Subtotal Gathering								
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	8.19	0.027	0.057	0.084				8.358
Offshore								
Subtotal Transmission	8.19	0.027	0.057	0.084				8.358
Gathering								
Onshore Type A								
Onshore Type B								
Offshore								
Subtotal Gathering								
Total Miles	8.19	0.027	0.057	0.084				8.358
PART K- MILES OF	TRANSMISSIO					GTH	ī	TableMiss
ONSHO	DRE							Total Miles
		Class I	Class	2 Cla	ss 3	Class 4	_	
Steel pipe Less than	20% SMYS	0	0)	0		0
Steel pipe Greater tha 20% SMYS but less the					0.108			
Steel pipe Greater th	han 30% SMYS	0.145	0	0.1	08	0		0.253
40% SMYS but less ti		6.181	0		08 024	0		0.253 8.105
	an or equal to han or equal to an 40% SMYS			1.5				
40% SMYS Steel pipe Greater th	an or equal to han or equal to an 40% SMYS I to 50% SMYS an 50% SMYS	6.181	0	1.5)24	0		8.105
40% SMYS Steel pipe Greater th but less than or equa Steel pipe Greater th	an or equal to han or equal to an 40% SMYS I to 50% SMYS an 50% SMYS I to 60% SMYS an 60% SMYS	6.181	0	1.5)24	0		8.105 0
40% SMYS Steel pipe Greater th but less than or equa Steel pipe Greater th but less than or equa Steel pipe Greater th	an or equal to han or equal to an 40% SMYS I to 50% SMYS an 50% SMYS I to 60% SMYS an 60% SMYS I to 72% SMYS an 72% SMYS	6.181 0 0	0)24	0 0 0		8.105 0 0
40% SMYS Steel pipe Greater th but less than or equa Steel pipe Greater th but less than or equa Steel pipe Greater th but less than or equa Steel pipe Greater th	an or equal to han or equal to an 40% SMYS I to 50% SMYS an 50% SMYS I to 60% SMYS I to 60% SMYS I to 72% SMYS an 72% SMYS I to 80% SMYS	6.181 0 0 0	0 0 0 0)24	0 0 0 0		8.105 0 0 0
40% SMYS Steel pipe Greater th but less than or equa Steel pipe Greater th but less than or equa Steel pipe Greater th but less than or equa Steel pipe Greater th but less than or equa	an or equal to han or equal to an 40% SMYS I to 50% SMYS an 50% SMYS I to 60% SMYS an 60% SMYS I to 72% SMYS an 72% SMYS I to 80% SMYS an 80% SMYS	6.181 0 0 0 0	0 0 0 0 0 0)24)))	0 0 0 0 0		8.105 0 0 0 0
40% SMYS Steel pipe Greater th but less than or equa Steel pipe Greater th but less than or equa Steel pipe Greater th but less than or equa Steel pipe Greater th but less than or equa	an or equal to han or equal to an 40% SMYS I to 50% SMYS an 50% SMYS I to 60% SMYS an 60% SMYS I to 72% SMYS an 72% SMYS I to 80% SMYS an 80% SMYS	6.181 0 0 0 0 0 0	0 0 0 0 0 0 0 0)24))))	0 0 0 0 0 0 0		8.105 0 0 0 0 0 0

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OFFSHORE								
		Class	1					
Less than or equal to 50%	SMYS							
Greater than 50% SMYS b								
or equal to 72% SMYS								
Steel pipe Greater than 72	2% SMYS							
Steel Pipe Unknown perc	ent of SMYS							
All non-steel pipe								
	<u> </u>							1
C	offshore Total							
	Total Miles	6.326	;					8.358
PART L - MILES OF PIF	PE BY CLASS	S LOCATIO	DN					
		C	Class Loca	ation			otal Location	HCA Miles in the IMP
Γ	Class I	Class	2	Class 3	Class 4		Viles	Program
Transmission								
Onshore	6.326	0		2.032	0	8	3.358	0.199
Offshore	3.020	0		0	0		0	000
Subtotal Transmission	6.326			-	0		-	
	0.320	0		2.032	0	8	8.358	
Gathering								
Onshore Type A								
Onshore Type B								
Offshore								
Subtotal Gathering								
Total Miles PART M – FAILURES, L	6.326	0 REPAIRS		2.032	0	8	3.358	0.199
PART M – FAILURES, L	EAKS, AND	REPAIRS	ENDAR Y					
	EAKS, AND	REPAIRS		EAR; INCIDEN	ITS & FAILURE		EGMENTS	N CALENDAR YEAR
PART M – FAILURES, L	EAKS, AND	REPAIRS RED IN CALE Transmissio	on Leaks		ITS & FAILURE	S IN HCA SI	EGMENTS I Gatherir	N CALENDAR YEAR
PART M – FAILURES, L	EAKS, AND	REPAIRS RED IN CALE Transmissie Lea	on Leaks ks	EAR; INCIDEN	ITS & FAILURE	S IN HCA SI	EGMENTS	N CALENDAR YEAR
PART M – FAILURES, L PART M1 – ALL LEAKS ELIN	EAKS, AND	REPAIRS RED IN CALE Transmissio	on Leaks ks	EAR; INCIDEN	ITS & FAILURE	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR
PART M – FAILURES, L	EAKS, AND	REPAIRS RED IN CALE Transmissio Lea re Leaks	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI	EGMENTS I Gatherir	N CALENDAR YEAR
PART M – FAILURES, L PART M1 – ALL LEAKS ELIN Cause	EAKS, AND	REPAIRS RED IN CALE Transmissio Lea re Leaks	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR
PART M – FAILURES, L PART M1 – ALL LEAKS ELIN Cause External Corrosion	EAKS, AND	REPAIRS RED IN CALE Transmissio Lea re Leaks	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR
PART M – FAILURES, L PART M1 – ALL LEAKS ELIN Cause External Corrosion Internal Corrosion Stress Corrosion Cracking Manufacturing	EAKS, AND	REPAIRS RED IN CALE Transmissio Lea re Leaks	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR
PART M – FAILURES, L PART M1 – ALL LEAKS ELIN Cause External Corrosion Internal Corrosion Stress Corrosion Cracking Manufacturing Construction	EAKS, AND	REPAIRS RED IN CALE Transmissio Lea re Leaks	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR
PART M – FAILURES, L PART M1 – ALL LEAKS ELIN Cause External Corrosion Internal Corrosion Stress Corrosion Cracking Manufacturing Construction Equipment	EAKS, AND	REPAIRS RED IN CALE Transmissio Lea re Leaks	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR
PART M – FAILURES, L PART M1 – ALL LEAKS ELIN Cause External Corrosion Internal Corrosion Stress Corrosion Cracking Manufacturing Construction Equipment Incorrect Operations	EAKS, AND	REPAIRS RED IN CALE Transmissie Lea re Leaks Non-HCA	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR
PART M – FAILURES, L PART M1 – ALL LEAKS ELIN Cause External Corrosion Internal Corrosion Stress Corrosion Cracking Manufacturing Construction Equipment Incorrect Operations Third Party Damage/Me	EAKS, AND	REPAIRS RED IN CALE Transmissie Lea re Leaks Non-HCA	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR
PART M – FAILURES, L PART M1 – ALL LEAKS ELIN Cause External Corrosion Internal Corrosion Stress Corrosion Cracking Manufacturing Construction Equipment Incorrect Operations Third Party Damage/Me Excavation Damage	EAKS, AND	REPAIRS RED IN CALE Transmissie Lea re Leaks Non-HCA	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR
PART M – FAILURES, L PART M1 – ALL LEAKS ELIN Cause External Corrosion Internal Corrosion Stress Corrosion Cracking Manufacturing Construction Equipment Incorrect Operations Third Party Damage/Me Excavation Damage Previous Damage (due to	EAKS, AND	REPAIRS RED IN CALE Transmissie Lea re Leaks Non-HCA	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR
PART M – FAILURES, L PART M1 – ALL LEAKS ELIN Cause External Corrosion Internal Corrosion Stress Corrosion Cracking Manufacturing Construction Equipment Incorrect Operations Third Party Damage/Me Excavation Damage Previous Damage (due to Excavation Activity)	EAKS, AND	REPAIRS RED IN CALE Transmissie Lea re Leaks Non-HCA	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR
PART M – FAILURES, L PART M1 – ALL LEAKS ELIN Cause External Corrosion Internal Corrosion Stress Corrosion Cracking Manufacturing Construction Equipment Incorrect Operations Third Party Damage/Me Excavation Damage Previous Damage (due to	EAKS, AND	REPAIRS RED IN CALE Transmissie Lea re Leaks Non-HCA	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR
PART M – FAILURES, L PART M1 – ALL LEAKS ELIN Cause External Corrosion Internal Corrosion Stress Corrosion Cracking Manufacturing Construction Equipment Incorrect Operations Third Party Damage/Me Excavation Damage Previous Damage (due to Excavation Activity) Vandalism (includes all	EAKS, AND	REPAIRS RED IN CALE Transmissie Lea re Leaks Non-HCA	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR
PART M – FAILURES, L PART M1 – ALL LEAKS ELIN Cause External Corrosion Internal Corrosion Stress Corrosion Cracking Manufacturing Construction Equipment Incorrect Operations Third Party Damage/Me Excavation Damage Previous Damage (due to Excavation Activity) Vandalism (includes all Intentional Damage) Weather Related/Other Natural Force Damage (a	EAKS, AND	REPAIRS RED IN CALE Transmissie Lea re Leaks Non-HCA	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR
PART M – FAILURES, L PART M1 – ALL LEAKS ELIN Cause External Corrosion Internal Corrosion Stress Corrosion Cracking Manufacturing Construction Equipment Incorrect Operations Third Party Damage/Me Excavation Damage Previous Damage (due to Excavation Activity) Vandalism (includes all Intentional Damage) Weather Related/Other Natural Force Damage (a Other Outside Force	EAKS, AND	REPAIRS RED IN CALE Transmissie Lea re Leaks Non-HCA	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR
PART M – FAILURES, L PART M1 – ALL LEAKS ELIN Cause External Corrosion Internal Corrosion Stress Corrosion Cracking Manufacturing Construction Equipment Incorrect Operations Third Party Damage/Me Excavation Damage Previous Damage (due to Excavation Activity) Vandalism (includes all Intentional Damage) Weather Related/Other Natural Force Damage (a Other Outside Force Damage (excluding	EAKS, AND	REPAIRS RED IN CALE Transmissie Lea re Leaks Non-HCA	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR
PART M – FAILURES, L PART M1 – ALL LEAKS ELIN Cause External Corrosion Internal Corrosion Stress Corrosion Cracking Manufacturing Construction Equipment Incorrect Operations Third Party Damage/Me Excavation Damage Previous Damage (due to Excavation Activity) Vandalism (includes all Intentional Damage) Weather Related/Other Natural Force Damage (a Other Outside Force Damage (excluding Vandalism and all	EAKS, AND	REPAIRS RED IN CALE Transmissie Lea re Leaks Non-HCA	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR
PART M – FAILURES, L PART M1 – ALL LEAKS ELIN Cause External Corrosion Internal Corrosion Stress Corrosion Cracking Manufacturing Construction Equipment Incorrect Operations Third Party Damage/Me Excavation Damage Previous Damage (due to Excavation Activity) Vandalism (includes all Intentional Damage) Weather Related/Other Natural Force Damage (a Other Outside Force Damage (excluding Vandalism and all Intentional Damage)	EAKS, AND	REPAIRS RED IN CALE Transmissie Lea re Leaks Non-HCA	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR
PART M – FAILURES, I PART M1 – ALL LEAKS ELIN External Corrosion Internal Corrosion Stress Corrosion Cracking Manufacturing Construction Equipment Incorrect Operations Third Party Damage/Med Excavation Damage Previous Damage (due to Excavation Activity) Vandalism (includes all Intentional Damage) Weather Related/Other Natural Force Damage (a Other Outside Force Damage (excluding Vandalism and all Intentional Damage) Other	EAKS, AND	REPAIRS RED IN CALE Transmissie Lea re Leaks Non-HCA	on Leaks ks Offsh	EAR; INCIDEN , and Failures hore Leaks	ITS & FAILURES Failures in HCA	S IN HCA SI Onshor	EGMENTS I Gatherir re Leaks	N CALENDAR YEAR

Transn	nission	0		Gathe	ring	0				
ART M3 – LEAKS C	N FEDER	AL LAND O	R OCS REF	PAIRED OR S	CHEDULE	D FOR REF	PAIR			
Trans	mission	1		G	atherin	g				
Onshore		0		shore Type A shore Type E						
OCS		0	OC	S						
Subtotal Trar	nsmission	0		Subtotal Gath	ering					
	Total			0						
	prot	thodically ected		tected	Cast	Wrought				
	Bare	Coated	Bare	Coated	Cast	Wrought	Plastic	Composite ¹	Other ²	Total Miles
	Dale	obalcu	Darc	Obaleu	Iron	Iron	1 100110	Composite	Outor	rotar mileo
Transmission	Dale	Coalcu	Dare	Coaled	Iron	Iron	1 100110	Composite	Other	rotar mileo
Onshore	0	8.358	0	0	0	Iron 0	0	0	0	8.358
Onshore Offshore										
Onshore	0	8.358	0	0	0	0	0	0	0	8.358
Onshore Offshore Subtotal Transmission Gathering	0 0 0	8.358 0 8.358	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0	0 0 0	8.358 0 8.358
Onshore Offshore Subtotal Transmission Gathering Onshore Type A	0 0 0	8.358 0 8.358 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	8.358 0 8.358 0
Onshore Offshore Subtotal Transmission Gathering Onshore Type A Onshore Type B	0 0 0 0	8.358 0 8.358 0 0	0 0 0 0	0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	8.358 0 8.358 0 0
Onshore Offshore Subtotal Transmission Gathering Onshore Type A Onshore Type B Offshore	0 0 0	8.358 0 8.358 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	8.358 0 8.358 0
Onshore Offshore Subtotal Transmission Gathering Onshore Type A Onshore Type B	0 0 0 0	8.358 0 8.358 0 0	0 0 0 0	0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	8.358 0 8.358 0 0

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		6.326		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	0.199	0	0	0	0	0	0	0	0	0	0	0
Class 3 (not in HCA)	0	0	1.833	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	8.358	0							0	0	0	
Grand Total				8.358										
Sum of Total row f	or all	"Incomple	ete Rec	e Records" columns 0										
¹ Specify Other met	thod(s	s):												
Class 1 (in HCA)							Class	1 (not in HC	A)					
Class 2 (in HCA)							Class	2 (not in HC	A)					
Class 3 (in HCA)							Class	3 (not in HC	A)					
Class 4 (in HCA)							Class	4 (not in HC	A)					
Part R – Gas Tra	insmi			Pressure	Test (Internal In: > PT ≥ 1.1	-	on 🛛	PT	< 1.1 or	No PT	
Location		Miles Inter Inspectio ABLE		Miles Intern Inspectio NOT ABL	n	Miles Inter Inspectio ABLE		Miles Int Inspec NOT A	tion		iles Inter pection A		Miles Interna 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		0.199		0		0			0			0
Class 4 in HCA		0		0		0		0			0			0
in HCA subTo	otal	0		0.199		0		0			0			0
Class 1 not in HC	A	0		6.326		0		0			0			0
Class 2 not in HC	A	0		0		0		0			0			0
Class 3 not in HC	A	0		1.833		0		0			0			0
Class 4 not in HC	A	0		0		0		0			0			0
not in HCA subTe	otal	0		8.159		0		0			0			0
Т	otal	0		8.358		0		0			0			0
PT ≥ 1.25 MAOP	Total					8.358	·	Total Miles	Internal	Inspectio	n ABLE			0
1.25 MAOP > PT	≥ 1.1	MAOP To	otal			0	•	Total Miles	Internal	Inspectio				358
PT < 1.1 or No P	T Tota	al				0					Gran	d Total	8.	358
				Grand T	Γotal	8.358								

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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 - N	IILES OF TF	RANSMISSI	ON PIPE B	Y NOMINA	L PIPE SIZE	E (NPS)			
	NPS 4 or less	6	8	10	12	14	16	18	20
	0.236	9.119	9.638	34.05	74.653	0	120.397	0	21.31
	22	24	26	28	30	32	34	36	38
Onshore	0	45.117	0	0	0	0	0	0	0
Olisilore	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional S 0 - 0; 0 - 0;	izes and Miles 0 - 0; 0 - 0; 0 -	(Size – Miles;) 0; 0 - 0; 0 - 0;	: 0 - 0; 0 - 0;					
314.52		of Onshore Pip	e – Transmissi	on					
	NPS 4 or less	6	8	10	12	14	16	18	20
	22	24	26	28	30	32	34	36	38
Offshore	40	42	44	46	48	52	56	58 and over	
		izes and Miles ; - ; - ; - ; - ;		:					
	Total Miles of	of Offshore Pip	e – Transmissi	on					
PART I - MI	LES OF GA	THERING F	PIPE BY NO	MINAL PIF	PE SIZE (NF	PS)			
	NPS 4 or less	6	8	10	12	14	16	18	20
	22	24	26	28	30	32	34	36	38
Onshore Type A	40	42	44	46	48	52	56 58 6		
							ove	۲ 	
	Additional S	izes and Miles	(Size – Miles:)	:					
			,						

	Total Mi	les of Onshore Type	e A Pipe – Gathe	ering						_	_	
	NPS 4		8	10	1:	2	14	16		18		20
	0.100											
	22	24	26	28	3	0	32	34		36		38
Onshore												
Туре В	40	42	44	46	4	8	52	56	58 a ovei			
									010			
	Addition	al Sizes and Miles ((Size – Miles;):									
	Total Mi	les of Onshore Type	e B Pipe – Gathe	ering								
	NPS 4		8	10	1:	2	14	16		18		20
		5										
	22	24	26	28	3	0	32	34		36		38
Offshore												
••	40	42	44	46	4	8	52	56	58 a ovei			
									0101			
	Addition	al Sizes and Miles ((Size – Miles;):									
	Total Mi	les of Offshore Pipe	e – Gathering									
PARIJ-M	ILES OF	F PIPE BY DEC	ADE INSTAL	LED								
Decade Pipe Installed		Unknown	Pre-40	1940 - <i>1</i>	1949	1950	0 - 1959	1960 - 19	969		1970 - <i>1</i>	1979
Transmissio	on											
Onshore		0	0	0		8	8.342	88.13	2		24.38	34
Offshore												
Subtotal Trans	smission	0	0	0		8	8.342	88.13	2		24.38	34
Gathering												
Onshore Ty	pe A											
Onshore Ty	pe B											
Offshore												
Subtotal G	athering											
Total Miles		0	0	0		8	8.342	88.13	2		24.38	84
Decade Pipe Installed		1980 - 1989	1990 - 1999	2000 - 2	2009	2010	0 - 2019	2020 - 20	029		Total N	liles
Transmissio	on											
Onshore		1.733	80.259	29.85	52	1	.818				314.5	52
Offshore												
Subtotal Trans	mission	1.733	80.259	29.85	52	1	.818				314.3	52
Gathering												
Onshore Ty	pe A											
Onshore Ty	ре В						ľ					
Offshore												

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Subtotal Gathering							Expires: 1/31/2023
Total Miles	1.733	80.259	29.852	1.818		-	314.52
PART K- MILES OF 1	DANGMIGGION				STRENGTH		
	TANSINI SSICH						Total Miles
ONSHOP	RE	Olasal				N 4	
		Class I	Class		ss 3 C	lass 4	
Steel pipe Less than 20	0% SMYS	0.25	0	11.	729 (0.193	12.172
Steel pipe Greater than 20% SMYS but less that		41.975	1.693	45.	481	1.593	90.742
Steel pipe Greater that							
30% SMYS but less tha 40% SMYS		43.04	0.496	40.	103 2	2.265	85.904
Steel pipe Greater that but less than or equal t		58.963	0.471	29.	272 (0.692	89.398
Steel pipe Greater that but less than or equal t		9.377	0	0.0	028	0	9.405
Steel pipe Greater that but less than or equal t	o 72% SMYS	0.008	0		0	0	0.008
Steel pipe Greater that but less than or equal t		0.001	0		0	0	0.001
Steel pipe Greater that	n 80% SMYS	0	0		0	0	0
Steel pipe Unknown p	ercent of SMYS	23.32	1.209	2.3	361	0	26.89
All Non-Steel pipe		0	0		0	0	0
	Onshore Totals	176.934	3.869	128	.974 4	4.743	314.52
OFFSHORE		Class I					
Less than or equal to 5							
Greater than 50% SMY or equal to 72% SMYS	S but less than						
Steel pipe Greater than	72% SMYS						
Steel Pipe Unknown pe	ercent of SMYS						
All non-steel pipe							
	Offshore Total						
	Total Miles	176.934					314.52
PART L - MILES OF I	PIPE BY CLASS		I				
		Cla	ss Location		Tota Class Loo		HCA Miles in the IMP
	Class I	Class 2	Class 3	Class			Program
Transmission							
Onshore	176.934	3.869	128.974	4.743	314.5	52	67.388
Offshore	0	0	0	0	0		
Subtotal Transmission	176.934	3.869	128.974	4.743	314.5	52	
Gathering							
Onshore Type A							
Onshore Type B							
Offshore							
Subtotal Gathering							

Total Miles	176.934	3.869		128.974	4,743		4.52	67.388
Total Miles	176.934	3.869)	128.974	4.743	3	4.52	67.388
PART M – FAILURES, LEA	ks, and	REPAIRS						
PART M1 – ALL LEAKS ELIMINA	TED/REPAI	RED IN CALI	ENDAR YI	EAR; INCIDEI	NTS & FAILURE	S IN HCA SI	EGMENTS IN	I CALENDAR YEAR
		Transmissi	on Leaks,	and Failures			Gathering	g Leaks
		Lea	ks		Failures in	Onshor	e Leaks	Offshore Leaks
	Onsho	re Leaks	Offsh	ore Leaks	HCA			
Cause	HCA	Non-HCA	HCA	Non-HCA	Segments	Туре А	Туре В	
External Corrosion	0	0	0	0	0			
Internal Corrosion	0	0	0	0	0			
Stress Corrosion Cracking	0	0	0	0	0			
Manufacturing	0	0	0	0	0			
Construction	0	0	0	0	1			
Equipment	0	1	0	0	0			
Incorrect Operations	0	0	0	0	0			
Third Party Damage/Mech	anical Da	mage						
Excavation Damage	0	0	0	0	0			
Previous Damage (due to	0	0	0	0	0			
Excavation Activity)	0	0	0	0	0			
Vandalism (includes all	0	1	0	0	0			
Intentional Damage)	0	I	0	0	0			
Weather Related/Other Ou	tside For	се						
Natural Force Damage (all)	0	0	0	0	0			
Other Outside Force								
Damage (excluding	0	0	0	0	0			
Vandalism and all	0	0	0	0	0			
Intentional Damage)								
Other	0	0	0	0	0			
Total	0	2	0	0	1			
PART M2 – KNOWN SYSTEM LE	AKS AT EN	D OF YEAR S	SCHEDUL	ED FOR REP	AIR			
Transmission	0		Gathe	ring	0			
PART M3 – LEAKS ON FEDERAL	LAND OR	OCS REPAIR	ED OR S	CHEDULED F	OR REPAIR			
Transmission			G	athering				
		Onsho	re Type A	۸				
Onshore	0		re Type E					
OCS		Onsho	ie iyhe c	,				
	0	1 11/19						

Subtotal Transmission

Total

0

Subtotal Gathering

0

PART P -	MILES OF PIPE BY	MATERIAL AND CORRO	OSION PROTECTION STATUS	

PART P - MILES OF	RTP - MILES OF PIPE BY MATERIAL AND CORROSION PROTECTION STATUS												
		thodically tected	Steel Cat unpro	thodically tected									
	Bare	Coated	Bare	Coated	Cast Iron	Wrought Iron	Plastic	Composite ¹	Other ²	Total Miles			
Transmission													
Onshore	0	314.52	0	0	0	0	0	0	0	314.52			
Offshore	0	0	0	0	0	0	0	0	0	0			
Subtotal Transmission	0	314.52	0	0	0	0	0	0	0	314.52			
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	314.52	0	0	0	0	0	0	0	314.52			

¹Use of Composite pipe requires PHMSA Special Permit or waiver from a State ²specify 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	0.303	0	0	0	0	0
Class 1 (not in HCA)	19.046		8.763		0		0		105.49 8		0		43.32 4	
Class 2 (in HCA)	0	0	0	0	0	0	0	0	0.227	0	0	0	0	0
Class 2 (not in HCA)	0.168		0.669		0		0		2.805		0		0	
Class 3 (in HCA)	33.925	0	19.16 3	0	0	0	0	0	10.134	0	0	0	0	0
Class 3 (not in HCA)	23.254	0	29.99 3	0	0	0	0	0	12.472	0	0	0	0.033	0
Class 4 (in HCA)	2.236	0	1.095	0	0	0	0	0	0.305	0	0	0	0	0
Class 4 (not in HCA)	0.419	0	0.688	0	0	0	0	0	0	0	0	0	0	
Total	79.048	0	60.37 1	0	0	0	0	0	131.74 4	0	0	0	43.35 7	0
Grand Total								314.52						
Sum of Total row	for all "	Incomple	ete Rec	cords" colu	mns			0						
¹ Specify Other me	ethod(s)	:							•					
Class 1 (in HCA)							Class	1 (not in HC	A)		Part	192, Sub	part K -	Uprating
Class 2 (in HCA)							Class	2 (not in HC	A)					
Class 3 (in HCA)							Class	3 (not in HC	A)		Part 1	192, Subj	oart K	- Uprating
Class 4 (in HCA)							Class	4 (not in HC	A)					

Part R – Gas Transm	nission Miles b	y Pressure Test	(PT) Range an	d Internal Inspection		
	PT ≥ 1.	25 MAOP	1.25 MAO	P > 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	0.303
Class 2 in HCA	0	0	0	0	0	0.227
Class 3 in HCA	25.696	23.292	0	0	4.1	10.134
Class 4 in HCA	1.034	2.297	0	0	0	0.305
in HCA subTotal	26.73	25.589	0	0	4.1	10.969
Class 1 not in HCA	5.507	65.626	0	0	0	105.498
Class 2 not in HCA	0.168	0.669	0	0	0	2.805
Class 3 not in HCA	5.959	46.521	0	0	0.8	12.472
Class 4 not in HCA	0.249	0.858	0	0	0	0
not in HCA subTotal	11.883	113.674	0	0	0.8	120.775
Total	38.613	139.263	0	0	4.9	131.744
PT ≥ 1.25 MAOP Tota	al		177.876	Total Miles Internal In	spection ABLE	43.513
1.25 MAOP > PT ≥ 1.	1 MAOP Total		0	Total Miles Internal In	spection NOT ABLE	271.007
PT < 1.1 or No PT To	tal		136.644		Grand Total	314.52
		Grand Total	314.52			

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	
Roger Ragoonanan	(702) 876-7359 Telephone Number
Preparer's Name(type or print)	
Administrator/Compliance	
Preparer's Title	
Roger.Ragoonanan@swgas.com	
Preparer's E-mail Address	
PART O - CERTIFYING SIGNATURE (applicable only to PARTs B, F, G, and M1)	
	(702) 876-7112
	Telephone Number
Jerome T. Schmitz	
Senior Executive Officer's name certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)	
Senior Executive Officer's name certifying the information in PARTs B, F, G, and M as required by	
Senior Executive Officer's name certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)	
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/Engineering Senior Executive Officer's title certifying the information in PARTs B, F, G, and M as required by	