

U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration

ANNUAL REPORT FOR CALENDAR YEAR 2010 NATURAL OR OTHER GAS TRANSMISSION and GATHERING SYSTEMS

Report Submission Type

SUPPLEMENTAL

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 22 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.

PART A - OPERATOR INFORMATION	DOT USE ONLY	20110470 - 25674
OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER (OPID)		ANY OR ESTABLISHMENT: AS CORPORATION
18536	IF SUBSIDIARY, N	AME OF PARENT:
3. INDIVIDUAL WHERE ADDITIONAL INFORMATION MAY BE OBTAINED: Name: Joel Martell Title: Supervisor/Engineering Email Address: Joel.Martell@swgas.com	4. HEADQUARTERS Southwest Gas Corp Company Name 5241 SPRING MOUN Street Address	poration
Telephone Number: (702) 876-7283	State: NV Zip Code: 8 (702) 876-7011 Telephone Number	39102

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. CHARACTERIZE THE PIPELINES AND/OR PIPELINE FACILITIES COVERED BY THIS OPID AND COMMODITY GROUP WITH RESPECT TO COMPLIANCE WITH PHMSA'S INTEGRITY MANAGEMENT PROGRAM REGULATIONS (49 CFR 192 Subpart O).

Portions of SOME OR ALL of the pipelines and/or pipeline facilities covered by this OPID and Commodity Group are included in an Integrity Management Program subject to 49 CFR 192. If this box is checked, complete all PARTs of this form in accordance with PART A, Question 8.

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 in which INTERstate pipelines and/or pipeline facilities included under this OPID exist: **ARIZONA** 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. DOES THIS REPORT REPRESENT A CHANGE FROM LAST YEAR'S FINAL REPORTED NUMBERS FOR ONE OR MORE OF THE FOLLOWING PARTS: PART B, D, E, H, I, J, K, or L? (For calendar year 2010 reporting or if this is a first-time Report for an operator or OPID, Commodity Group(s), or pipelines and/or pipeline facilities, select the first box only. For subsequent years' reporting, select either No or one or both of the Yes choices.)
- This report is FOR CALENDAR YEAR 2010 reporting or is a FIRST-TIME REPORT and, therefore, the remaining choices in this Question 8 do not apply. Complete all remaining PARTS of this form as applicable

NO, there are **NO CHANGES** from last year's final reported information for PARTs B, D, E, H, I, J, K, or L. Complete PARTs A, C, M, and N, along with PARTs F, G, and O when applicable.

YES, this report represents a **CHANGE FROM LAST YEAR'S FINAL REPORTED INFORMATION** for one or more of PARTs B, D, E, H, I, J, K, or L *due to corrected information*; *however, the pipelines and/or pipeline facilities and operations are the same* as those which were covered under last year's report. Complete PARTs A, C, M, and N, along with only those other PARTs which changed (including PARTs B, F, G, and O when applicable).

YES, this report represents a **CHANGE FROM LAST YEAR'S FINAL REPORTED INFORMATION** for PARTs B, D, E, H, I, J, K, or L because of one or more of the following **change(s)** in **pipelines and/or pipeline facilities and/or operations** from those which were covered under last year's report. Complete PARTs A, C, M, and N, along with only those other PARTs which changed (including PARTs B, F, G, and O when applicable). (Select all reasons for these changes from the following list)

Merger of companies and/or operations, acquisition of pipelines and/or pipeline facilities Divestiture of pipelines and/or pipeline facilities

New construction or new installation of pipelines and/or pipeline facilities

Conversion to service, change in commodity transported, or c change in MAOP (maximum allowable operating pressure)

Abandonment of existing pipelines and/or pipeline facilities

Change in HCA's identified, HCA Segments, or other changes to Operator's Integrity Management Program

Change in OPID

Other - Describe: ,

For the designated Commodity Group, complete PARTs B, C, D, and E 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 in the IMP Program	
Onshore	192	
Offshore	0	
Total Miles	192	

PART C - VOLUME TRANSPORTED IN TRANSMISSION PIPELINES (ONLY) IN MILLION SCF PER YEAR (excludesTransmission lines of Gas Distribution systems)		Check this box and proceed to PART D without completing this PART if this report only includes gathering pipelines or transmission lines o gas distribution systems.	
		Onshore	Offshore
Natural Gas		18943	
Propane Gas			
Synthetic Gas			
Hydrogen Gas			
Other Gas - Name: N			

PART D - MILES OF STEEL	. PIPE BY CORRO	SION PROTECTION			
	Cathodica	Cathodically protected		Cathodically unprotected	
	Bare	Coated	Bare	Coated	Total Miles
Transmission					
Onshore	16.1	824.3	0	0	840.4
Offshore	0	0	0	0	0
Subtotal Transmission	16.1	824.3	0	0	840.4
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	16.1	824.3	0	0	840.4

PART E - MILES OF non-	PART E - MILES OF non-STEEL PIPE BY TYPE AND LOCATION				
	Cast Iron Pipe	Wrought Iron Pipe	Plastic Pipe	Other Pipe	Total Miles
Transmission					
Onshore	0	0	0	0	0
Offshore	0	0	0	0	0
Subtotal Transmission	0	0	0	0	0
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	0	0	0	0

For the designated Commodity Group, complete PARTs F and G one time for all INTERstate pipelines and/or pipeline facilities included within this OPID and multiple times as needed for the designated Commodity Group for each State in which INTRAstate pipelines and/or pipeline facilities included within this OPID exist. Each time these sections are completed, designate the State to which the data applies for INTRAstate pipelines and/or pipeline facilities, or that it applies to all INTERstate pipelines included within this Commodity Group and OPID.

PARTs F and G

The data reported in these PARTs F and G applies to: (select only one)

ART F - INTEGRITY INSPECTIONS CONDUCTED AND ACTIONS TAKEN BASED ON INSPECTION	
NTRASTATE pipelines/pipeline facilities ARIZONA	
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	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	
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.	12.8
1. ECDA	12.8
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.	4
1. ECDA	4
2. ICDA	0
3. SCCDA	0
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	4
5. Total hamber of conditions repaired in calcinual year within Air Flory Scottlere infecting the definition of.	
"Immediate repair conditions" [192.933(d)(1)]	0

	Expires: 01/13/2014
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	4
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
 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(c)]	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)	12.8
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
PART G- MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED IN CALENDAR YEAR (HCA Segonly)	gment miles
a. Baseline assessment miles completed during the calendar year.	12.8
b. Reassessment miles completed during the calendar year.	0
c. Total assessment and reassessment miles completed during the calendar year.	12.8

PART F - INTEGRITY INSPECTIONS CONDUCTED AND ACTIONS TAKEN BASED ON INSPECTION	
INTRASTATE pipelines/pipeline facilities CALIFORNIA	
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	0
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	
 Based on ILI data, total number of anomalies excavated in calendar year because they met the operator's criteria for excavation. 	0
 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

MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON DA (Direct Assessment metho	ods)
a. Total mileage inspected by each DA method in calendar year.	.4
1. ECDA	.4
2. ICDA	0
3. SCCDA	0
 Total number of anomalies identified by each DA method and repaired in calendar year based on the operatoriteria, both within an HCA Segment and outside of an HCA Segment. 	or's 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 TECHNIC	QUES
a. Total mileage inspected by inspection techniques other than those listed above in calendar year.	0
b. Total number of anomalies identified by other inspection techniques and repaired in calendar year based on operator's criteria, both within an HCA Segment and outside of an HCA Segment.	the 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
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)	.4
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 $2.c.4 + 3.c + 3.d + 4.c.1 + 4.c.2 + 4.c.3 + 4.c.4 + 5.c.1 + 5.c.2 + 5.c.3 + 5.c.4$)	0.3+
RT G- MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED IN CALENDAR YEAR (HC.	A Segment miles
a. Baseline assessment miles completed during the calendar year.	.4
b. Reassessment miles completed during the calendar year.	0
c. Total assessment and reassessment miles completed during the calendar year.	.4

PART F - INTEGRITY INSPECTIONS CONDUCTED AND ACTIONS TAKEN BASED ON INSPECTION	
INTERSTATE pipelines/pipeline facilities	
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	0
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	
 Based on ILI data, total number of anomalies excavated in calendar year because they met the operator's criteria for excavation. 	0
 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

	Expires: 01/13/2014
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 HC. SEGMENT.	A 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	s)
a. Total mileage inspected by each DA method in calendar year.	1.4
1. ECDA	1.4
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.	s 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)]	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 TECHNIQU	JES
a. Total mileage inspected by inspection techniques other than those listed above in calendar year.	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.	e 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
	0
3. "Monitored conditions" [192.933(d)(3)]	
3. "Monitored conditions" [192.933(d)(3)] 4. Other "Scheduled conditions" [192.933(c)]	1 ()
4. Other "Scheduled conditions" [192.933(c)]	0
4. Other "Scheduled conditions" [192.933(c)] 5. TOTAL MILEAGE INSPECTED (ALL METHODS) AND ACTIONS TAKEN IN CALENDAR YEAR	
4. Other "Scheduled conditions" [192.933(c)] 5. 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) b. Total number of anomalies repaired in calendar year both within an HCA Segment and outside of an HCA	1.4
4. Other "Scheduled conditions" [192.933(c)] 5. 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)	1.4
4. Other "Scheduled conditions" [192.933(c)] 5. 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) 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) PART G- MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED IN CALENDAR YEAR (HCA segment)	1.4
4. Other "Scheduled conditions" [192.933(c)] 5. 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) 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) PART G- MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED IN CALENDAR YEAR (HCA 5.c.2 + 5.c.3 + 5.c.4)	1.4
4. Other "Scheduled conditions" [192.933(c)] 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) 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) PART G- MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED IN CALENDAR YEAR (HCA SONLY)	1.4 1 + 1 Segment miles

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

. 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	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	
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.	10.1
1. ECDA	10.1
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
The introductions repaired in calendar year Within ANTICA SEGMENT meeting the definition of: 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 TECHNIQUES	
a. Total mileage inspected by inspection techniques other than those listed above in calendar year.	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
- 1717-	0
3. "Monitored conditions" [192.933(d)(3)]	· ·
	0

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.

	Expires. 01/13/2014						
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						
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.	10.1						
b. Reassessment miles completed during the calendar year.	0						
c. Total assessment and reassessment miles completed during the calendar year.	10.1						

For the designated Commodity Group, complete PARTs H, I, J, K, L, and M 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.

	, J, K, L and												
		hese PARTs s/pipeline fa		_	oplies to:								
PART H - N	IILES OF TI	RANSMISSI	ON PIPE B	Y NOMINA	L PIPE SIZI	E (NPS)							
	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"				
	0	0	0	.1	.1	0	.1	0	9.5				
Onshore	22"	24"	26"	28"	30"	32"	34"	36"	38"				
	0	0	0	0	0	0	0	0	0				
Olishore	40"	42"	44"	46"	48"	50"	52"	54"	56"				
	0	0	0	0	0	0	0	0	0				
	58" and over	Over 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;								
9.8		of Onshore Pip	e – Transmissi	on				ı					
	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"				
	22"	24"	26"	28"	30"	32"	34"	36"	38"				
O#-1	40"	42"	44"	46"	48"	50"	52"	54"	56"				
Offshore	40	42	44	40	40	30	32	34	30				
	58" and over		zes and Miles		:								
	Total Miles	of Offshore Pip	e – Transmissi	on									

PART I - MIL	ES OF	GATHERING I	PIPE BY NOM	IINAL PIF	PE SIZE	(NP	PS)							
	NPS 4 or les		8"	10"	12"		14"	16"		18"	20"			
Onshore	22"	24"	26"	28"	30"		32"	34"		36"	38"			
Type A	40"	42"	44"	46"	48"	1	50"	52"	54"	' 56"	58" and over			
	Addition	nal Sizes and Miles	(Size – Miles;):											
		Fotal Miles of Onshore Type A Pipe – Gathering												
	NPS 4 or les		8"	10"	12"		14"	16"		18"	20"			
	22" 24" 26" 28" 30" 32" 34" 36"						36"	38"						
Onshore Type B	40"	42"	44"	46"	48"	1	50"	52"	54"	' 56"	58" and over			
	Addition	and Sizon and Milan	(Size Milee):											
	Additional Sizes and Miles (Size – Miles;): Total Miles of Onshore Type B Pipe – Gathering													
	NPS 4		8"	10"	12"		14"	16"		18"	20"			
	or les	s	0	10	12		14	10		10	20"			
	22"	24"	26"	28"	30"		32"	34"		36"	38"			
Offshore	40"	42"	44"	46"	48"	'	50"	52"	54"	' 56"	58" and over			
	Addition	nal Sizes and Miles	(Size – Miles:):											
		iles of Offshore Pip												
	1 Otal IVI		- Janienny											
PART J – MI	ILES O	PIPE BY DEC	CADE INSTAL	LED										
Decade Pipe Installed		Pre-40 or Unknown	1940 - 1949	1950 -	1959	1960	0 - 1969	1970 - 19	979	1980) - 1989			
Transmissio	n													
Onshore		0	0	0			0	9.5			0			
Offshore														
Subtotal Trans	mission	0	0	0			0	9.5			0			
Gathering Onshore Ty	me A													
Onshore Ty														
Offshore	, po D													
Subtotal Ga	athering													

	0	0	0	0	9.5	0
Decade Pipe Installed	1990 - 1999	2000 - 2009	2010 - 2019			Total Miles
Transmission						
Onshore	0	.3	0			9.8
Offshore						
Subtotal Transmission	0	.3	0			9.8
Gathering						
Onshore Type A						
Onshore Type B						
Offshore						
Subtotal Gathering						
Total Miles	0	.3	0			9.8

ONOUGE		CLASS L	OCATION		Total Miles
ONSHORE	Class I	Class 2	Class 3	Class 4	
Less than 20% SMYS	0	0	0	0	0
Greater than or equal to 20% SMYS but less than 30% SMYS	0	0	0	0	0
Greater than or equal to 30% SMYS but less than or equal to 40% SMYS	0	0	0	0	0
Greater than 40% SMYS but less than or equal to 50% SMYS	5.3	.6	3.9	0	9.8
Greater than 50% SMYS but less than or equal to 60% SMYS	0	0	0	0	0
Greater than 60% SMYS but less than or equal to 72% SMYS	0	0	0	0	0
Greater than 72% SMYS but less than or equal to 80% SMYS	0	0	0	0	0
Greater than 80% SMYS	0	0	0	0	0
Unknown percent of SMYS	0	0	0	0	0
All Non-Steel pipe	0	0	0	0	0
Onshore Totals	5.3	.6	3.9	0	9.8
OFFSHORE	Class I				
Less than or equal to 50% SMYS					
Greater than 50% SMYS but less than or equal to 72% SMYS					
Offshore Total					
Total Miles	5.3				9.8

PART L - MILES OF PIPE BY CLASS LOCATION											
		Total Class Location	HCA Miles in the								
	Class I	Class 2	Class 3	Class 4	Miles	IMP Program					

Transmission						
Onshore	5.3	.6	3.9	0	9.8	1.4
Offshore	0	0	0	0	0	
Subtotal Transmission	5.3	.6	3.9	0	9.8	
Gathering						
Onshore Type A						
Onshore Type B						
Offshore						
Subtotal Gathering						
Total Miles	5.3	.6	3.9	0	9.8	1.4

PART M - INCIDENTS, FAILURES, LEAKS, AND REPAIRS

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

	7	Transmissi	on Incidents,		Ga	athering	Leaks				
	Incidents		Lea	ks		Failures	Onsi		Offshore		
	in HCA Segments	Onsho	re Leaks	Offsh	ore Leaks	in HCA Segments	-	aks	Leaks		
Cause	Segments	HCA	Non-HCA	HCA	Non-HCA	oegments	Type A	Type B			
External Corrosion	0	0	0	0	0	0					
Internal Corrosion	0	0	0	0	0	0					
Stress Corrosion Cracking	0	0	0	0	0	0					
Manufacturing	0	0	0	0	0	0					
Construction	0	0	0	0	0	1					
Equipment	0	0	0	0	0	0					
Incorrect Operations	0	0	0	0	0	0					
Third Party Damage/Mechanical Damage											
Excavation Damage	0	0	0	0	0	0					
Previous Damage (due to Excavation Activity)	0	0	0	0	0	0					
Vandalism (includes all Intentional Damage)	0	0	0	0	0	0					
Weather Related/Other Outs	ide Force										
Natural Force Damage (all)	0	0	0	0	0	0					
Other Outside Force Damage (excluding Vandalism and all Intentional Damage)	0	0	0	0	0	0					
Other	0	0	0	0	0	0					
Total	0	0	0	0	0	1					

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

Transmission	0	Gathering	0			
PART M3 – LEAKS ON FEDERAREPAIR	AL LAND OR O	CS REPAIRED OR SCHED	ULED FOR			
Transmission)	Gathering				
Onchoro		Onshore Type A				
Onshore	0	Onshore Type B				
OCS	0	OCS				
Subtotal Transmission	0	Subtotal Gathering				
Total		0				

PARTs H, I, J, K, L and M

The data reported in these PARTs H, I, J, K, L and M applies to:

INTRASTATE pipelines/pipeline facilities ARIZONA

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

	NPS 4"	6"	8"	10"	12"	14"	16"	18"	20"				
	or less 171.9	110	46.8	48.1	32.4	0	17.5	0	0				
	22"	24"	26"	28"	30"	32"	34"	36"	38"				
Onchere	0	0	0	0	0	0	0	0	0				
Onshore	40"	42"	44"	46"	48"	50"	52"	54"	56"				
	0	0	0	0	0	0	0	0	0				
	58" and over Additional Sizes and Miles (Size – Miles;): 5 - 28.4; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;												
455.1	Total Miles	Total Miles of Onshore Pipe – Transmission											
	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"	50"	52"	54"	56"				
	58" and over		zes and Miles		:								
	Total Miles	of Offshore Pipe	a _ Transmissi	on									

PART I - MIL	ES OF	GATHERING	PIPE BY NOM	IINAL PIF	PE SIZE (I	NPS)								
	NPS 4 or les		8"	10"	12"	14"	16"		18"	20"				
Onshore	22"	24"	26"	28"	30"	32"	34"		36"	38"				
Type A	40"	42"	44"	46"	48"	50"	52"	54"	56"	58" and over				
	Addition	nal Sizes and Miles	(Size – Miles:)											
		otal Miles of Onshore Type A Pipe – Gathering												
	NPS 4 or les		8"	10"	12"	14"	16"		18"	20"				
	22" 24" 26" 28" 30" 32" 34" 36"						36"	38"						
Onshore Type B	40"	42"	44"	46"	48"	50"	52"	54"	56"	58" and over				
	A ddition	and Circo and Miles	(Size Milee)											
	Additional Sizes and Miles (Size – Miles;):													
		Total Miles of Onshore Type B Pipe – Gathering NPS 4"												
	or les	s 6"	8"	10"	12"	14"	16"		18"	20"				
	22"	24"	26"	28"	30"	32"	34"		36"	38"				
Offshore	40"	42"	44"	46"	48"	50"	52"	54"	56"	58" and over				
	Addition	nal Sizes and Miles	(Sizo Milos:):											
		iles of Offshore Pip												
	TOtal IVI	lies of Offshore Fig.	be – Gamening											
PART J – MI	ILES OI	F PIPE BY DE	CADE INSTAL	LED										
Decade Pipe Installed		Pre-40 or Unknown	1940 - 1949	1950 -	1959 1	960 - 1969	1970 - 19	979	1980	- 1989				
Transmissio	n													
Onshore		8.3	33.2	156	.1	136.9	53.2		2	5.7				
Offshore						105.5								
Subtotal Trans	mission	8.3	33.2	156	.1	136.9	53.2		2	5.7				
Gathering Onshore Ty	me A													
Onshore Ty			+											
Offshore	, אי													
Subtotal Ga	athering													

Total Miles	8.3	33.2	156.1	136.9	53.2	25.7
Decade Pipe Installed	1990 - 1999	2000 - 2009	2010 - 2019			Total Miles
Transmission						
Onshore	9.3	32.4	0			455.1
Offshore						
Subtotal Transmission	9.3	32.4	0			455.1
Gathering						
Onshore Type A						
Onshore Type B						
Offshore						
Subtotal Gathering						
Total Miles	9.3	32.4	0			455.1

ONOUGE		Total Miles			
ONSHORE	Class I	Class 2	Class 3	Class 4	
Less than 20% SMYS	44.2	7.8	77	1.8	130.8
Greater than or equal to 20% SMYS but less than 30% SMYS	63.8	2.9	132	3.8	202.5
Greater than or equal to 30% SMYS but less than or equal to 40% SMYS	19	2.5	35.7	.8	58
Greater than 40% SMYS but less than or equal to 50% SMYS	12.4	.1	20.4	.3	33.2
Greater than 50% SMYS but less than or equal to 60% SMYS	19.5	0	4.9	.2	24.6
Greater than 60% SMYS but less than or equal to 72% SMYS	0	0	5.7	.3	6
Greater than 72% SMYS but less than or equal to 80% SMYS	0	0	0	0	0
Greater than 80% SMYS	0	0	0	0	0
Unknown percent of SMYS	0	0	0	0	0
All Non-Steel pipe	0	0	0	0	0
Onshore Totals	158.9	13.3	275.7	7.2	455.1
OFFSHORE	Class I				
Less than or equal to 50% SMYS					
Greater than 50% SMYS but less than or equal to 72% SMYS					
Offshore Total					
Total Miles	158.9				455.1

PART L - MILES OF PIPE BY CLASS LOCATION										
		Class L	Total Class Location	HCA Miles in the						
	Class I	Class 4	Miles	IMP Program						

Transmission						
Onshore	158.9	13.3	275.7	7.2	455.1	88.5
Offshore	0	0	0	0	0	
Subtotal Transmission	158.9	13.3	275.7	7.2	455.1	
Gathering						
Onshore Type A						
Onshore Type B						
Offshore						
Subtotal Gathering						
Total Miles	158.9	13.3	275.7	7.2	455.1	88.5

PART M - INCIDENTS, FAILURES, LEAKS, AND REPAIRS

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

	7	Fransmissi	on Incidents,	Leaks, ar	nd Failures		Gathering Leaks		
	Incidents		Leaks			Failures	Onshore		Offshore
	in HCA Segments	Onsho	re Leaks	Offshore Leaks		in HCA Segments	Leaks		Leaks
Cause	Segments	HCA	Non-HCA	HCA	Non-HCA	Segments	Type A	Type B	
External Corrosion	0	0	2	0	0	2			
Internal Corrosion	0	0	0	0	0	0			
Stress Corrosion Cracking	0	0	0	0	0	0			
Manufacturing	0	0	0	0	0	0			
Construction	0	2	6	0	0	2			
Equipment	0	1	1	0	0	0			
Incorrect Operations	0	0	0	0	0	0			
	_ TI	nird Party	Damage/M	1echanic	al Damage		_		
Excavation Damage	0	0	0	0	0	0			
Previous Damage (due to Excavation Activity)	0	0	0	0	0	0			
Vandalism (includes all Intentional Damage)	0	0	0	0	0	0			
Weather Related/Other Outs	side Force								
Natural Force Damage (all)	0	0	0	0	0	0			
Other Outside Force Damage (excluding Vandalism and all Intentional Damage)	0	0	0	0	0	0			
Other	0	0	0	0	0	0			
Total	0	3	9	0	0	4			

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

Transmission	0	0	
PART M3 – LEAKS ON FEDER. REPAIR	AL LAND OR O	CS REPAIRED OR SCHED	ULED FOR
Transmission)	Gatheri	ing
Onshore		Onshore Type A	
	0	Onshore Type B	
OCS	0	OCS	
Subtotal Transmission	0	Subtotal Gathering	
Total		0	

PARTs H, I, J, K, L and M

The data reported in these PARTs H, I, J, K, L and M applies to:

INTRASTATE pipelines/pipeline facilities CALIFORNIA

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

NPS 4" or less 6" 8" 10" 12" 14" 16" 18" .1 .8 6.8 .5 .8 0 6.8 0 22" 24" 26" 28" 30" 32" 34" 36" 0 0 0 0 0 0 0 0 40" 42" 44" 46" 48" 50" 52" 54" 0 0 0 0 0 0 0 0 0	20" 0 38" 0 56"									
Onshore 22" 24" 26" 28" 30" 32" 34" 36"	38" 0 56"									
Onshore 0 0 0 0 0 0 0 0 40" 42" 44" 46" 48" 50" 52" 54" 0 0 0 0 0 0 0 0	0 56"									
Onshore 40" 42" 44" 46" 48" 50" 52" 54" 0 0 0 0 0 0 0 0	56"									
40" 42" 44" 46" 48" 50" 52" 54" 0 0 0 0 0 0 0										
	0									
58" and over 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 - 0; 0 - 0; 0 - 0;	0 - 0 · 0 - 0 · 0 - 0 · 0 - 0 · 0 - 0 · 0 - 0 · 0 - 0 · 0 - 0 · 0									
15.8 Total Miles of Onshore Pipe – Transmission										
NPS 4" 6" 8" 10" 12" 14" 16" 18"	20"									
22" 24" 26" 28" 30" 32" 34" 36"	38"									
Offshore 40" 42" 44" 46" 48" 50" 52" 54"	56"									
58" and over Additional Sizes and Miles (Size – Miles;): -; -; -; -; -; -; -; -;										
Total Miles of Offshore Pipe – Transmission										

PART I - MILES OF GATHERING PIPE BY NOMINAL PIPE SIZE (NPS)											
	NPS 4 or les		8"	10"	12"		14"	16"		18"	20"
Onshore	22"	24"	26"	28"	30"		32"	34"		36"	38"
Type A	40"	42"	44"	46"	48"		50"	52"	54'	" 56"	58" and over
	Addition	nal Sizes and Miles	(Size – Miles:):								
Total Miles of Onshore Type A Pipe – Gathering											
	NPS 4 or les		8"	10"	12"		14"	16"		18"	20"
	22"	24"	26"	28"	30"		32"	34"		36"	38"
Onshore Type B	40"	42"	44"	46"	48"		50"	52"	54'	" 56"	58" and over
Additional Sizes and Miles (Size – Miles;):											
	NPS 4	iles of Onshore Typ									
	or les		8"	10"	12"		14"	16"		18"	20"
	22"	24"	26"	28"	30"		32"	34"		36"	38"
Offshore	40"	42"	44"	46"	48"		50"	52"	54'	" 56"	58" and over
	Addition	nal Sizes and Miles	(Siza – Milas:):								
		iles of Offshore Pipe									
	Total IVI	lies of Offshore Pipe									
PART J – M	ILES OF	F PIPE BY DEC	ADE INSTAL	LED							
Decade Pipe Installed		Pre-40 or Unknown	1940 - 1949	1950 -	1959	1960) - 1969	1970 - 1	979	1980) - 1989
Transmissio	on										
Onshore		0	0	6.8	3		.6	0			8.3
Offshore											
Subtotal Trans	mission	0	0	6.8	3		.6	0			8.3
Gathering	/DO ^										
Onshore Ty Onshore Ty											
Offshore	ype D										
										1	

Total Miles	0	0	6.8	.6	0	8.3
Decade Pipe Installed	1990 - 1999	2000 - 2009	2010 - 2019			Total Miles
Transmission						
Onshore	0	.1	0			15.8
Offshore						
Subtotal Transmission	0	.1	0			15.8
Gathering						
Onshore Type A						
Onshore Type B						
Offshore						
Subtotal Gathering						
Total Miles	0	.1	0			15.8

ONOLORE		Total Miles			
ONSHORE	Class I	Class 2	Class 3	Class 4	
Less than 20% SMYS	0	0	0	0	0
Greater than or equal to 20% SMYS but less than 30% SMYS	.5	0	7	0	7.5
Greater than or equal to 30% SMYS but less than or equal to 40% SMYS	7.7	0	.6	0	8.3
Greater than 40% SMYS but less than or equal to 50% SMYS	0	0	0	0	0
Greater than 50% SMYS but less than or equal to 60% SMYS	0	0	0	0	0
Greater than 60% SMYS but less than or equal to 72% SMYS	0	0	0	0	0
Greater than 72% SMYS but less than or equal to 80% SMYS	0	0	0	0	0
Greater than 80% SMYS	0	0	0	0	0
Unknown percent of SMYS	0	0	0	0	0
All Non-Steel pipe	0	0	0	0	0
Onshore Totals	8.2	0	7.6	0	15.8
OFFSHORE	Class I				
Less than or equal to 50% SMYS					
Greater than 50% SMYS but less than or equal to 72% SMYS					
Offshore Total					
Total Miles	8.2				15.8

Form PHMS	A F 7100.2-1	(Rev. 06-2011)	

PART L - MILES OF PIPE BY CLASS LOCATION

Class I

HCA Miles in the

IMP Program

Total

Class Location

Miles

Class 3

Class 4

Class Location

Class 2

Transmission						
Onshore	8.2	0	7.6	0	15.8	1.7
Offshore	0	0	0	0	0	
Subtotal Transmission	8.2	0	7.6	0	15.8	
Gathering						
Onshore Type A						
Onshore Type B						
Offshore						
Subtotal Gathering						
Total Miles	8.2	0	7.6	0	15.8	1.7

PART M - INCIDENTS, FAILURES, LEAKS, AND REPAIRS

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

	7	Transmissi	on Incidents,	Leaks, aı	nd Failures		Gathering Leaks		Leaks
	Incidents		Lea	ks		Failures	Onshore		Offshore
	in HCA Segments	Onsho	ore Leaks	Offsh	ore Leaks	in HCA Segments		aks	Leaks
Cause	ocginents	HCA	Non-HCA	HCA	Non-HCA	ocginents	Type A	Type B	
External Corrosion	0	0	0	0	0	0			
Internal Corrosion	0	0	0	0	0	0			
Stress Corrosion Cracking	0	0	0	0	0	0			
Manufacturing	0	0	0	0	0	0			
Construction	0	0	0	0	0	0			
Equipment	0	0	0	0	0	0			
Incorrect Operations	0	0	0	0	0	0			
	TI	nird Party	/ Damage/M	1echanic	al Damage				
Excavation Damage	0	0	0	0	0	0			
Previous Damage (due to Excavation Activity)	0	0	0	0	0	0			
Vandalism (includes all Intentional Damage)	0	0	0	0	0	0			
Weather Related/Other Outs	side Force								
Natural Force Damage (all)	0	0	0	0	0	0			
Other Outside Force Damage (excluding Vandalism and all Intentional Damage)	0	0	0	0	0	0			
Other	0	0	0	0	0	0			
Total	0	0	0	0	0	0			

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

Transmission	0	0				
PART M3 – LEAKS ON FEDERAL LAND OR OCS REPAIRED OR SCHEDULED FOR REPAIR						
Transmission	1	Gatheri	ng			
Onchore		Onshore Type A				
Onshore	0	Onshore Type B				
OCS	0	OCS				
Subtotal Transmission	0	Subtotal Gathering				
Total		0				

PARTs H, I, J, K, L and M

The data reported in these PARTs H, I, J, K, L and M applies to:

INTRASTATE pipelines/pipeline facilities NEVADA

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

1741411111		.,	<u> </u>			- (0)				
	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"	
	.2	10.1	9.6	67.5	69.5	0	125.5	0	23.8	
	22"	24"	26"	28"	30"	32"	34"	36"	38"	
Onshore	0	53.5	0	0	0	0	0	0	0	
	40"	42"	44"	46"	48"	50"	52"	54"	56"	
	0	0	0	0	0	0	0	0	0	
	58" and over	Additional Si	zes 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;					
359.7	Total Miles	of Onshore Pip	e – Transmissi	on						
	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"	
	22"	24"	24" 26" 28" 30" 32" 34" 36" 38"							
Offshore	40"	42"	44"	46"	48"	50"	52"	54"	56"	
	58" and over	Additional Si	zes and Miles	(Size – Miles;)						
			-; -; -; -;							
	Total Miles	of Offshore Pip	e – Transmissi	on						

PART I - MIL	ES OF	GATHERING I	PIPE BY NOM	INAL PIPE S	SIZE (NI	PS)				
	NPS 4 or les		8"	10"	12"	14"	16"		18"	20"
Onshore	22"	24"	26"	28"	30"	32"	34"		36"	38"
Type A	40"	40"	4.411	4011	40"	50"	50"	54 "	501	58" and
	40"	42"	44"	46"	48"	50"	52"	54"	56"	over
	Addition	nal Sizes and Miles	(Size – Miles;):	·					·	•
		iles of Onshore Typ	e A Pipe – Gathe	ring						
	NPS ² or les		8"	10"	12"	14"	16"		18"	20"
	22"	24"	26"	28"	30"	32"	34"		36"	38"
Onshore Type B										58" and
Туре Б	40"	42"	44"	46"	48"	50"	52"	54"	56"	over
	Addition	nal Sizes and Miles	(Size – Miles;):	<u> </u>		1	<u>, </u>		<u> </u>	1
	Total M	iles of Onshore Typ	e B Pipe – Gathe	ring						
	NPS 4		8"	10"	12"	14"	16"		18"	20"
	or les	S								
	22"	24"	26"	28"	30"	32"	34"		36"	38"
Offshore										58" and
	40"	42"	44"	46"	48"	50"	52"	54"	56"	over
	Addition	nal Sizes and Miles	(Size – Miles;):			1	<u> </u>			
		iles of Offshore Pip								
	1 0.001 1011		- Canoning							
PART J – MI	ILES OI	F PIPE BY DEC	ADE INSTAL	LED						
Decade Pipe Installed		Pre-40 or Unknown	1940 - 1949	1950 - 1959	196	60 - 1969	1970 - 19	979	1980	- 1989
Transmission	on									
Onshore		0	0	123.8		92.3	17.5		2	.1
Offshore										
Subtotal Trans	mission	0	0	123.8		92.3	17.5		2	1
Gathering										
Onshore Ty										
Onshore Ty	ype B									
Offshore Subtotal Ga	athering									
222.0101	9									

Total Miles	0	0	123.8	92.3	17.5	2.1
Decade Pipe Installed	1990 - 1999	2000 - 2009	2010 - 2019			Total Miles
Transmission						
Onshore	85.2	38.7	.1			359.7
Offshore						
Subtotal Transmission	85.2	38.7	.1			359.7
Gathering						
Onshore Type A						
Onshore Type B						
Offshore						
Subtotal Gathering						
Total Miles	85.2	38.7	.1			359.7

ONOUGE		Total Miles			
ONSHORE	Class I	Class 2	Class 3	Class 4	
Less than 20% SMYS	14.3	0	10	.6	24.9
Greater than or equal to 20% SMYS but less than 30% SMYS	2.6	0	50.3	3	55.9
Greater than or equal to 30% SMYS but less than or equal to 40% SMYS	56.4	6.4	45	.3	108.1
Greater than 40% SMYS but less than or equal to 50% SMYS	68.7	0	34	0	102.7
Greater than 50% SMYS but less than or equal to 60% SMYS	47	0	0	0	47
Greater than 60% SMYS but less than or equal to 72% SMYS	21.1	0	0	0	21.1
Greater than 72% SMYS but less than or equal to 80% SMYS	0	0	0	0	0
Greater than 80% SMYS	0	0	0	0	0
Unknown percent of SMYS	0	0	0	0	0
All Non-Steel pipe	0	0	0	0	0
Onshore Totals	210.1	6.4	139.3	3.9	359.7
OFFSHORE	Class I				
Less than or equal to 50% SMYS					
Greater than 50% SMYS but less than or equal to 72% SMYS					
Offshore Total					
Total Miles	210.1				359.7

PART L - MILES OF P	IPE BY CLASS	LOCATION				
		Class L	ocation		Total Class Location	HCA Miles in the
	Class I	Class 2	Class 3	Class 4	Miles	IMP Program

Transmission						
Onshore	210.1	6.4	139.3	3.9	359.7	100.4
Offshore	0	0	0	0	0	
Subtotal Transmission	210.1	6.4	139.3	3.9	359.7	
Gathering						
Onshore Type A						
Onshore Type B						
Offshore						
Subtotal Gathering						
Total Miles	210.1	6.4	139.3	3.9	359.7	100.4

PART M - INCIDENTS, FAILURES, LEAKS, AND REPAIRS

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

	7	Γransmissi	ion Incidents,	Leaks, ar	nd Failures		G	Leaks	
	Incidents			ks		Failures	Onshore		Offshore
	in HCA Segments	Onsho	re Leaks	Offsh	ore Leaks	in HCA Segments	Lea	aks	Leaks
Cause	Segments	HCA	Non-HCA	HCA	Non-HCA	Segments	Type A	Type B	
External Corrosion	0	0	0	0	0	0			
Internal Corrosion	0	0	0	0	0	0			
Stress Corrosion Cracking	0	0	0	0	0	0			
Manufacturing	0	0	0	0	0	0			
Construction	0	0	0	0	0	0			
Equipment	0	0	0	0	0	0			
Incorrect Operations	0	0	0	0	0	0			
	TI	nird Party	Damage/M	<u>lechanic</u>	al Damage				
Excavation Damage	0	0	0	0	0	0			
Previous Damage (due to Excavation Activity)	0	0	0	0	0	0			
Vandalism (includes all Intentional Damage)	0	0	0	0	0	0			
Weather Related/Other Outs	side Force								
Natural Force Damage (all)	0	0	0	0	0	0			
Other Outside Force Damage (excluding Vandalism and all Intentional Damage)	0	0	0	0	0	0			
Other	0	0	0	0	0	0			
Total	0	0	0	0	0	0			

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

Transmission	0	Gathering	0
PART M3 – LEAKS ON FEDER. REPAIR	AL LAND OR O	CS REPAIRED OR SCHED	ULED FOR
Transmission	1	Gatheri	ing
Onchoro		Onshore Type A	
Onshore	0	Onshore Type B	
OCS	0	OCS	
Subtotal Transmission	0	Subtotal Gathering	
Total		0	

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 portion(s) of the pipelines and/or pipeline facilities covered under this Commodity Group and OPID are included in an Integrity Management Program subject to 49 CFR 192.

PART N - PREPARER SIGNATURE (applicable to all PARTs A - M)	
Jim Mathews	(702) 364-3350 Telephone Number
Preparer's Name(type or print)	
Administrator/Compliance	(702) 876-4238 Facsimile Number
Preparer's Title	
Jim.Mathews@SWGas.com	
Preparer's E-mail Address	

Senior Executive Officer's signature certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)	(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)	
Vice President/Engineering	
Senior Executive Officer's title certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)	
jerry.schmitz@SWGas.com	