Form Approved
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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**

Important: Please read the separate instructions for completing this form before you begin.

PART A - OPERATOR INFORMATION	DOT USE ONLY	**20110470 - 25674**

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

18536

2. NAME OF COMPANY OR ESTABLISHMENT:

SOUTHWEST GAS CORPORATION

IF SUBSIDIARY, NAME OF PARENT:

3. INDIVIDUAL WHERE ADDITIONAL INFORMATION MAY BE OBTAINED:

Name: **Joel Martell**

Title: **Supervisor/Engineering**

Email Address: **Joel.Martell@swgas.com**

Telephone Number: **(702) 876-7283**

4. HEADQUARTERS ADDRESS:

Southwest Gas Corporation
Company Name

5241 SPRING MOUNTAIN ROAD
Street Address

State: **NV** Zip Code: **89102**

(702) 876-7011
Telephone Number

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 C if this report only includes gathering pipelines or transmission lines of 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 CORROSION PROTECTION					
	Cathodically protected		Cathodically unprotected		Total Miles
	Bare	Coated	Bare	Coated	
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-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 <u>one time for all INTERstate pipelines and/or pipeline facilities</u> included within this OPID and multiple times as needed for the designated Commodity Group <u>for each State in which INTRAstate pipelines and/or pipeline facilities</u> 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)*

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

INTRASTATE pipelines/pipeline facilities ARIZONA

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	
a. Based on ILI data, total number of anomalies excavated in calendar year because they met the operator's criteria for excavation.	0
b. Total number of anomalies repaired in calendar year that were identified by ILI based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of conditions repaired WITHIN AN HCA SEGMENT meeting the definition of:	0
1. "Immediate repair conditions" [192.933(d)(1)]	0
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	0
3. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON PRESSURE TESTING	
a. Total mileage inspected by pressure testing in calendar year.	0
b. Total number of pressure test failures (ruptures and leaks) repaired in calendar year, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of pressure test ruptures (complete failure of pipe wall) repaired in calendar year WITHIN AN HCA SEGMENT.	0
d. Total number of pressure test leaks (less than complete wall failure but including escape of test medium) repaired in calendar year WITHIN AN HCA SEGMENT.	0
4. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON DA (Direct Assessment methods)	
a. Total mileage inspected by each DA method in calendar year.	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
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)]	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
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(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 Segment miles ONLY)	
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	
a. Based on ILI data, total number of anomalies excavated in calendar year because they met the operator's criteria for excavation.	0
b. Total number of anomalies repaired in calendar year that were identified by ILI based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of conditions repaired WITHIN AN HCA SEGMENT meeting the definition of:	0
1. "Immediate repair conditions" [192.933(d)(1)]	0
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	0
3. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON PRESSURE TESTING	
a. Total mileage inspected by pressure testing in calendar year.	0
b. Total number of pressure test failures (ruptures and leaks) repaired in calendar year, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of pressure test ruptures (complete failure of pipe wall) repaired in calendar year WITHIN AN HCA SEGMENT.	0
d. Total number of pressure test leaks (less than complete wall failure but including escape of test medium) repaired in calendar year WITHIN AN HCA SEGMENT.	0

4. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON DA (Direct Assessment methods)	
a. Total mileage inspected by each DA method in calendar year.	.4
1. ECDA	.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.	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
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
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(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)	*.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.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.	.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	
a. Based on ILI data, total number of anomalies excavated in calendar year because they met the operator's criteria for excavation.	0
b. Total number of anomalies repaired in calendar year that were identified by ILI based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	0

c. Total number of conditions repaired WITHIN AN HCA SEGMENT meeting the definition of:	0
1. "Immediate repair conditions" [192.933(d)(1)]	0
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	0
3. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON PRESSURE TESTING	
a. Total mileage inspected by pressure testing in calendar year.	0
b. Total number of pressure test failures (ruptures and leaks) repaired in calendar year, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of pressure test ruptures (complete failure of pipe wall) repaired in calendar year WITHIN AN HCA SEGMENT.	0
d. Total number of pressure test leaks (less than complete wall failure but including escape of test medium) repaired in calendar year WITHIN AN HCA SEGMENT.	0
4. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON DA (Direct Assessment methods)	
a. Total mileage inspected by each DA method in calendar year.	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.	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 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
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)	*1.4*
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)	1
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT. (Lines 2.c.1 + 2.c.2 + 2.c.3 + 2.c.4 + 3.c + 3.d + 4.c.1 + 4.c.2 + 4.c.3 + 4.c.4 + 5.c.1 + 5.c.2 + 5.c.3 + 5.c.4)	1

PART G– MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED IN CALENDAR YEAR (HCA Segment miles ONLY)

a. Baseline assessment miles completed during the calendar year.	1.4
b. Reassessment miles completed during the calendar year.	0
c. Total assessment and reassessment miles completed during the calendar year.	1.4

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

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INTRASTATE pipelines/pipeline facilities NEVADA

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	
a. Based on ILI data, total number of anomalies excavated in calendar year because they met the operator's criteria for excavation.	0
b. Total number of anomalies repaired in calendar year that were identified by ILI based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of conditions repaired WITHIN AN HCA SEGMENT meeting the definition of:	0
1. "Immediate repair conditions" [192.933(d)(1)]	0
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	0
3. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON PRESSURE TESTING	
a. Total mileage inspected by pressure testing in calendar year.	0
b. Total number of pressure test failures (ruptures and leaks) repaired in calendar year, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of pressure test ruptures (complete failure of pipe wall) repaired in calendar year WITHIN AN HCA SEGMENT.	0
d. Total number of pressure test leaks (less than complete wall failure but including escape of test medium) repaired in calendar year WITHIN AN HCA SEGMENT.	0
4. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON DA (Direct Assessment methods)	
a. Total mileage inspected by each DA method in calendar year.	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
1. "Immediate repair conditions" [192.933(d)(1)]	0
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	0
5. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON OTHER INSPECTION TECHNIQUES	
a. Total mileage inspected by inspection techniques other than those listed above in calendar year.	0
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(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)	*10.1*

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.

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

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

INTERSTATE pipelines/pipeline facilities ARIZONA

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

Onshore	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"
	0	0	0	.1	.1	0	.1	0	9.5
	22"	24"	26"	28"	30"	32"	34"	36"	38"
	0	0	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 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	Total Miles of Onshore Pipe – Transmission								
Offshore	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"
	22"	24"	26"	28"	30"	32"	34"	36"	38"
	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)

Onshore Type A	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"	
	22"	24"	26"	28"	30"	32"	34"	36"	38"	
	40"	42"	44"	46"	48"	50"	52"	54"	56"	58" and over
	Additional Sizes and Miles (Size – Miles;):									
	Total Miles of Onshore Type A Pipe – Gathering									
Onshore Type B	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"	
	22"	24"	26"	28"	30"	32"	34"	36"	38"	
	40"	42"	44"	46"	48"	50"	52"	54"	56"	58" and over
	Additional Sizes and Miles (Size – Miles;):									
	Total Miles of Onshore Type B Pipe – Gathering									
Offshore	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"	
	22"	24"	26"	28"	30"	32"	34"	36"	38"	
	40"	42"	44"	46"	48"	50"	52"	54"	56"	58" and over
	Additional Sizes and Miles (Size – Miles;):									
	Total Miles of Offshore Pipe – Gathering									

PART J – MILES OF PIPE BY DECADE INSTALLED

Decade Pipe Installed	Pre-40 or Unknown	1940 - 1949	1950 - 1959	1960 - 1969	1970 - 1979	1980 - 1989
Transmission						
Onshore	0	0	0	0	9.5	0
Offshore						
Subtotal Transmission	0	0	0	0	9.5	0
Gathering						
Onshore Type A						
Onshore Type B						
Offshore						
Subtotal Gathering						

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Total Miles	*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*

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

ONSHORE	**CLASS LOCATION**				Total Miles
	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

	Class Location				Total Class Location Miles	HCA Miles in the IMP Program
	Class I	Class 2	Class 3	Class 4		

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

Cause	Transmission Incidents, Leaks, and Failures						Gathering Leaks		
	Incidents in HCA Segments	Leaks				Failures in HCA Segments	Onshore Leaks		Offshore Leaks
		Onshore Leaks		Offshore Leaks			Type A	Type B	
		HCA	Non-HCA	HCA	Non-HCA				
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 Outside 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 FEDERAL LAND OR OCS REPAIRED OR SCHEDULED FOR REPAIR

Transmission		Gathering	
Onshore	0	Onshore Type A	
		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)

Onshore

NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"
171.9	110	46.8	48.1	32.4	0	17.5	0	0
22"	24"	26"	28"	30"	32"	34"	36"	38"
0	0	0	0	0	0	0	0	0
40"	42"	44"	46"	48"	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; 0 - 0; 0 - 0;							
0								

455.1	Total Miles of Onshore Pipe – Transmission

Offshore

NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"
22"	24"	26"	28"	30"	32"	34"	36"	38"
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)

Onshore Type A

NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"
22"	24"	26"	28"	30"	32"	34"	36"	38"
40"	42"	44"	46"	48"	50"	52"	54"	56"	58" and over

Additional Sizes and Miles (Size – Miles;):

Total Miles of Onshore Type A Pipe – Gathering

Onshore Type B

NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"
22"	24"	26"	28"	30"	32"	34"	36"	38"
40"	42"	44"	46"	48"	50"	52"	54"	56"	58" and over

Additional Sizes and Miles (Size – Miles;):

Total Miles of Onshore Type B Pipe – Gathering

Offshore

NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"
22"	24"	26"	28"	30"	32"	34"	36"	38"
40"	42"	44"	46"	48"	50"	52"	54"	56"	58" and over

Additional Sizes and Miles (Size – Miles;):

Total Miles of Offshore Pipe – Gathering

PART J – MILES OF PIPE BY DECADE INSTALLED

Decade Pipe Installed	Pre-40 or Unknown	1940 - 1949	1950 - 1959	1960 - 1969	1970 - 1979	1980 - 1989
Transmission						
Onshore	8.3	33.2	156.1	136.9	53.2	25.7
Offshore						
Subtotal Transmission	8.3	33.2	156.1	136.9	53.2	25.7
Gathering						
Onshore Type A						
Onshore Type B						
Offshore						
Subtotal Gathering						

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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*

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

ONSHORE	CLASS LOCATION				Total Miles
	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 Location				Total Class Location Miles	HCA Miles in the IMP Program
	Class I	Class 2	Class 3	Class 4		

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

	Transmission Incidents, Leaks, and Failures						Gathering Leaks		
	Incidents in HCA Segments	Leaks				Failures in HCA Segments	Onshore Leaks		Offshore Leaks
		Onshore Leaks		Offshore Leaks					
Cause		HCA	Non-HCA	HCA	Non-HCA		Type A	Type B	
External Corrosion	0	0	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			
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 Outside 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	**Gathering**	0

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

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

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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)

Onshore

NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"
.1	.8	6.8	.5	.8	0	6.8	0	0
22"	24"	26"	28"	30"	32"	34"	36"	38"
0	0	0	0	0	0	0	0	0
40"	42"	44"	46"	48"	50"	52"	54"	56"
0	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								

15.8	Total Miles of Onshore Pipe – Transmission

Offshore

NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"
22"	24"	26"	28"	30"	32"	34"	36"	38"
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)

Onshore Type A	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"	
	22"	24"	26"	28"	30"	32"	34"	36"	38"	
	40"	42"	44"	46"	48"	50"	52"	54"	56"	58" and over
	Additional Sizes and Miles (Size – Miles;):									
	Total Miles of Onshore Type A Pipe – Gathering									
Onshore Type B	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"	
	22"	24"	26"	28"	30"	32"	34"	36"	38"	
	40"	42"	44"	46"	48"	50"	52"	54"	56"	58" and over
	Additional Sizes and Miles (Size – Miles;):									
	Total Miles of Onshore Type B Pipe – Gathering									
Offshore	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"	
	22"	24"	26"	28"	30"	32"	34"	36"	38"	
	40"	42"	44"	46"	48"	50"	52"	54"	56"	58" and over
	Additional Sizes and Miles (Size – Miles;):									
	Total Miles of Offshore Pipe – Gathering									

PART J – MILES OF PIPE BY DECADE INSTALLED

Decade Pipe Installed	Pre-40 or Unknown	1940 - 1949	1950 - 1959	1960 - 1969	1970 - 1979	1980 - 1989
Transmission						
Onshore	0	0	6.8	.6	0	8.3
Offshore						
Subtotal Transmission	0	0	6.8	.6	0	8.3
Gathering						
Onshore Type A						
Onshore Type B						
Offshore						
Subtotal Gathering						

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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*

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

ONSHORE	CLASS LOCATION				Total Miles
	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*

PART L - MILES OF PIPE BY CLASS LOCATION

	Class Location				Total Class Location Miles	HCA Miles in the IMP Program
	Class I	Class 2	Class 3	Class 4		

Transmission						
Onshore	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

Cause	Transmission Incidents, Leaks, and Failures						Gathering Leaks		
	Incidents in HCA Segments	Leaks				Failures in HCA Segments	Onshore Leaks		Offshore Leaks
		Onshore Leaks		Offshore Leaks			Type A	Type B	
		HCA	Non-HCA	HCA	Non-HCA				
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			
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 Outside 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 FEDERAL LAND OR OCS REPAIRED OR SCHEDULED FOR REPAIR

Transmission		Gathering	
Onshore	0	Onshore Type A	
		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)

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

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

Onshore Type A	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"	
	22"	24"	26"	28"	30"	32"	34"	36"	38"	
	40"	42"	44"	46"	48"	50"	52"	54"	56"	58" and over
	Additional Sizes and Miles (Size – Miles;):									
	Total Miles of Onshore Type A Pipe – Gathering									
Onshore Type B	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"	
	22"	24"	26"	28"	30"	32"	34"	36"	38"	
	40"	42"	44"	46"	48"	50"	52"	54"	56"	58" and over
	Additional Sizes and Miles (Size – Miles;):									
	Total Miles of Onshore Type B Pipe – Gathering									
Offshore	NPS 4" or less	6"	8"	10"	12"	14"	16"	18"	20"	
	22"	24"	26"	28"	30"	32"	34"	36"	38"	
	40"	42"	44"	46"	48"	50"	52"	54"	56"	58" and over
	Additional Sizes and Miles (Size – Miles;):									
	Total Miles of Offshore Pipe – Gathering									

PART J – MILES OF PIPE BY DECADE INSTALLED

Decade Pipe Installed	Pre-40 or Unknown	1940 - 1949	1950 - 1959	1960 - 1969	1970 - 1979	1980 - 1989
Transmission						
Onshore	0	0	123.8	92.3	17.5	2.1
Offshore						
Subtotal Transmission	0	0	123.8	92.3	17.5	2.1
Gathering						
Onshore Type A						
Onshore Type B						
Offshore						
Subtotal Gathering						

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*

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

ONSHORE	CLASS LOCATION				Total Miles
	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 PIPE BY CLASS LOCATION

	Class Location				Total Class Location Miles	HCA Miles in the IMP Program
	Class I	Class 2	Class 3	Class 4		

Transmission						
Onshore	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

	Transmission Incidents, Leaks, and Failures						Gathering Leaks		
	Incidents in HCA Segments	Leaks				Failures in HCA Segments	Onshore Leaks		Offshore Leaks
		Onshore Leaks		Offshore Leaks					
Cause		HCA	Non-HCA	HCA	Non-HCA		Type A	Type B	
External Corrosion	0	0	0	0	0	0			
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			
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 Outside 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 FEDERAL LAND OR OCS REPAIRED OR SCHEDULED FOR REPAIR

Transmission		Gathering	
Onshore	0	Onshore Type A	
		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
Preparer's Name(type or print)

Administrator/Compliance
Preparer's Title

Jim.Mathews@SWGas.com
Preparer's E-mail Address

(702) 364-3350
Telephone Number

(702) 876-4238
Facsimile Number

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

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

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)

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Senior Executive Officer's E-mail Address

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