



RCP, Inc

801 Louisiana, Ste.200
Houston, Texas 77002
(713)655-8080

Redacted

August 28, 2011

Pacific Gas and Electric Company
350 N. Wiget
Walnut Creek, CA 94598
Attention: Redacted

Test Contractor: MilBar Hydro-Testing Inc. -- FY12-212
Asset Owner: Pacific Gas and Electric Company -- 414197332-4
Construction Contractor: Snelson -- 41497332-4-T-76C
Test Section: PG&E T-76-4 L-300B, MP 256.66 - 257.5096
Test Date: August 28, 2011
Certificate Number: RCP 61362 - T-76-4, L-300B, MP 256.66- 257.5096

To whom it may concern,

This letter is to certify that the hydrostatic test performed on pipe owned by Pacific Gas and Electric Company and tested by MilBar Hydro-Testing Inc. met the requirements of the Code of Federal Regulations, Title 49, Part 192, Subpart J (Class 1 - Roads/Facility).

This hydrostatic test was completed successfully. Pressure was maintained on the test facilities in excess of 8.42 continuous hours without evidence of a leak failure. Water was the test medium. At the highest elevation point in the test section, the calculated test pressure was 889 psig and the established MAOP is 808 psig.

Pressure decreased 11 psi during the test. No fluid was intentionally injected or released from the test section. Net corrected volumetric change from beginning of the test to the end of the test is calculated to be 1,870.14 ounces, gain, which is equivalent to a 5.22 °F change in pipe temperature and larger than the anticipated error attributed to the temperature measurement instrumentation utilized.

Test pressure did not remain steady even though no leaks were observed. The volumetric gain is attributed to the inherent error associated with physically attempting to measure the average temperature of 432 feet of buried and 2 feet of exposed pipe from a single point on the line.

Sincerely,

Redacted

cc. file



Hydrostatic Test Certification

Company	Pacific Gas and Electric Company	Job Number	414197332-4
Construction Co.	Snelson	Job Number	41497332-4-T-76C
Hydro. Test Co.	MilBar Hydro-Testing Inc.	Project No.	FY12-212
Test Section	PG&E T-76-4 L-300B, MP 256.66 - 257.5096		
File Name	RCP 61362 - T-76-4, L-300B, MP 256.66- 257.5096		

Hydrostatic Test Pressure

APPLICABLE CODE FOR CERTIFICATION: _____ Test Date: 28-Aug-11

Code of Federal Regulations, Title 49, Part 192, Subpart J (Class 1 - Roads/Facility)

This is to certify that the pipeline or pipeline section(s) described below was hydrostatically pressure tested in accordance with the following procedure:

Pipeline: PG&E T-76-4 L-300B, MP 256.66 - 257.5096
 From: 0+00 To: 4+03

Pipe Data

Segment	Length	Diameter	Wall Thickness	Specification	100% SMYS
1	2 ft	34.000 in.	0.500 in.	API5L-X65, DSAW, Arc Weld, Steel	1,912 psi
2	403 ft	34.000 in.	0.500 in.	API5L-X52, DSAW, Arc Weld, Steel	1,529 psi
3	8 ft	24.000 in.	0.500 in.	API5L-X52, DSAW, Arc Weld, Steel	2,167 psi
4	21 ft	2.375 in.	0.218 in.	API5L-Grade B, SM, Arc Weld, Steel	6,425 psi

Initial Test Conditions

Pressure at Test Point:	900 psig	Date/Time:	8/28/11 7:50 AM	Pipe Temperature	
Ambient Temperature:	92.0 °F	Elevation @ Test Point:	509.0 ft	Unrestrained:	103.0 °F
Pressure @ High Point (Cal/Measure):	900 psig	Elevation @ High Point:	509.0 ft	Restrained:	96.0 °F
Pressure @ Low Point (Cal/Measure):	909 psig	Elevation @ Low Point:	489.0 ft	Location:	0+00
				Location:	0+00
				Location:	1+00

Final Test Conditions

Pressure at Test Point:	889 psig	Date/Time:	8/28/11 4:15 PM	Pipe Temperature	
Ambient Temperature:	108.0 °F	Elevation @ Test Point:	509.0 ft	Unrestrained:	109.0 °F
Pressure @ High Point (Cal/Measure):	889 psig	Elevation @ High Point:	509.0 ft	Restrained:	91.0 °F
Pressure @ Low Point (Cal/Measure):	898 psig	Elevation @ Low Point:	489.0 ft	Location:	0+00
				Location:	0+00
				Location:	1+00
Total Fluid Injected:			Volume gain		
Total Fluid Withdrawn:			Net Change in Volume of the Test Section ± (+ Gain, - Loss):		
			1,870.14 oz	gain	0.0804%
			5.220 °F equivalent		

Test Duration: 8.42 hours

Minimum Test Pressure:	887 psig	887 psig	896 psig
Maximum Test Pressure:	900 psig	900 psig	909 psig
% SMYS :		47.1%	59.4%
Test Segment Observed % SMYS :	Minimum	14.1%	Maximum
			59.4%

Minimum Test Pressure (Calculated/Measured): 889 psig

Maximum Allowable Operating Pressure: DOT Part 192 Test Factor= 1.10 808 psig

Were leaks observed?	No	Explain:
Acceptable Hydrostatic Test?	Yes	No leaks were observed during the test period. The test section included 432 feet of buried and 2 feet of exposed pipe. Pressure lost 11 psi during the test. The buried pipe segment lost 5°F fluid temperature and the exposed pipe segment gained 6°F. No fluid was intentionally injected or released from the test section. Net corrected volumetric change from beginning of the test to the end of the test is calculated to be 1,870.14 ounces, gain, which is equivalent to a 5.22 °F change in pipe temperature and larger than the anticipated error attributed to the temperature measurement instrumentation utilized. Test pressure did not remain steady even though no leaks were observed. The volumetric gain is attributed to the inherent error associated with physically attempting to measure the average temperature of 432 feet of buried and 2 feet of exposed pipe from a single point on the line.

Remarks: This test includes 20' of .840 dia., .147 wall thickness, API 5L, GR B, SMLS pipe.

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28-Aug-11



Dead Weight Log Sheet

Owner Company	Pacific Gas and Electric Company	Job Number	414197332-4
Construction Co.	Snelson	Job Number	41497332-4-T-76C
Testing Co.	MilBar Hydro-Testing Inc.	Project No.	FY12-212
Test Section	PG&E T-76-4 L-300B, MP 256.66 - 257.5096		
File Name	RCP 61362 - T-76-4, L-300B, MP 256.66- 257.5096		

Date 28-Aug-11

Test Log

Log No.	Test Period		Test Pressure	Temperature °F			Remarks		
	Date	Time		Ambient	Pipe		Comment	Bleed	Inject
					Unrestrained	Restrained			
1	8/28/11	7:10 AM	656 psig	92 °F	103 °F	97 °F			
2	8/28/11	7:12 AM	666 psig	92 °F	103 °F	97 °F	Inject		141 oz.
3	8/28/11	7:14 AM	676 psig	92 °F	103 °F	97 °F	Inject		147 oz.
4	8/28/11	7:16 AM	686 psig	92 °F	103 °F	97 °F	Inject		135 oz.
5	8/28/11	7:18 AM	696 psig	92 °F	103 °F	97 °F	Inject		147 oz.
6	8/28/11	7:20 AM	706 psig	92 °F	103 °F	97 °F	Inject		141 oz.
7	8/28/11	7:22 AM	716 psig	92 °F	103 °F	97 °F	Inject		147 oz.
8	8/28/11	7:24 AM	726 psig	92 °F	103 °F	97 °F	Inject		147 oz.
9	8/28/11	7:26 AM	736 psig	92 °F	103 °F	97 °F	Inject		135 oz.
10	8/28/11	7:28 AM	746 psig	92 °F	103 °F	97 °F	Inject		147 oz.
11	8/28/11	7:30 AM	756 psig	92 °F	103 °F	97 °F	Inject		147 oz.
12	8/28/11	7:32 AM	766 psig	92 °F	103 °F	97 °F	Inject		141 oz.
13	8/28/11	7:34 AM	776 psig	92 °F	103 °F	97 °F	Inject		141 oz.
14	8/28/11	7:36 AM	786 psig	92 °F	103 °F	97 °F	Inject		141 oz.
15	8/28/11	7:38 AM	796 psig	92 °F	103 °F	97 °F	Inject		147 oz.
16	8/28/11	7:39 AM	806 psig	92 °F	103 °F	97 °F	Inject		135 oz.
17	8/28/11	7:40 AM	816 psig	92 °F	103 °F	97 °F	Inject		141 oz.
18	8/28/11	7:41 AM	826 psig	92 °F	103 °F	97 °F	Inject		135 oz.
19	8/28/11	7:42 AM	836 psig	92 °F	103 °F	97 °F	Inject		141 oz.
20	8/28/11	7:43 AM	846 psig	92 °F	103 °F	97 °F	Inject		130 oz.
21	8/28/11	7:44 AM	856 psig	92 °F	103 °F	97 °F	Inject		147 oz.
22	8/28/11	7:45 AM	866 psig	92 °F	103 °F	96 °F	Inject		141 oz.
23	8/28/11	7:46 AM	876 psig	92 °F	103 °F	96 °F	Inject		130 oz.
24	8/28/11	7:47 AM	886 psig	92 °F	103 °F	96 °F	Inject		135 oz.
25	8/28/11	7:48 AM	896 psig	92 °F	103 °F	96 °F	Inject		135 oz.
26	8/28/11	7:49 AM	900 psig	92 °F	103 °F	96 °F			62 oz.
27	8/28/11	7:50 AM	900 psig	92 °F	103 °F	96 °F	On Test		
28	8/28/11	8:00 AM	900 psig	92 °F	103 °F	94 °F			
29	8/28/11	8:15 AM	900 psig	95 °F	104 °F	92 °F	Cloud Cover		
30	8/28/11	8:30 AM	898 psig	96 °F	104 °F	94 °F			
31	8/28/11	8:45 AM	898 psig	96 °F	105 °F	94 °F			
32	8/28/11	9:00 AM	897 psig	95 °F	105 °F	94 °F	Cloud Cover		
33	8/28/11	9:15 AM	896 psig	94 °F	105 °F	94 °F			
34	8/28/11	9:30 AM	896 psig	94 °F	105 °F	94 °F			
35	8/28/11	9:45 AM	896 psig	96 °F	105 °F	94 °F	Cloud Cover		
36	8/28/11	10:00 AM	895 psig	97 °F	105 °F	94 °F			
37	8/28/11	10:15 AM	895 psig	97 °F	105 °F	94 °F			
38	8/28/11	10:30 AM	894 psig	95 °F	105 °F	94 °F			
39	8/28/11	10:45 AM	893 psig	95 °F	105 °F	94 °F			
40	8/28/11	11:00 AM	893 psig	96 °F	105 °F	94 °F			
41	8/28/11	11:15 AM	892 psig	96 °F	105 °F	94 °F			
42	8/28/11	11:30 AM	892 psig	96 °F	105 °F	94 °F			
43	8/28/11	11:45 AM	892 psig	96 °F	105 °F	94 °F			



Pipe Segment Volume Calculations

Company	Pacific Gas and Electric Company	Job Number	414197332-4
Construction Co.	Snelson	Job Number	41497332-4-T-76C
Hydro. Test Co.	MillBar Hydro-Testing Inc.	Project No.	FY12-212
Test Section	PG&E T-76-4 L-300B, MP 256.66 - 257.5096	WATER	
File Name	RCP 61362 - T-76-4, L-300B, MP 256.66- 257.5096		

General Pipe Data

Description	Segment									
	1	2	3	4						
Restrained or Unrestrained?	Unrestrained	Restrained	Restrained	Restrained						
Outside Diameter	34.000 in.	34.000 in.	24.000 in.	2.375 in.						
Wall Thickness	0.500 in.	0.500 in.	0.500 in.	0.218 in.						
Inside Diameter	33.000 in.	33.000 in.	23.000 in.	1.939 in.						
Spec./Grade	API5L-X65	API5L-X52	API5L-X52	API5L-Grade B						
Length Unrestrained	2 ft									
Length Restrained		403 ft	8 ft	21 ft						
Temperature -- On Test	103 °F	96 °F	96.0 °F	96.0 °F						
Temperature -- End of Test	109 °F	91 °F	91.0 °F	91.0 °F						
Pressure -- On Test	900 psig	900 psig	900 psig	900 psig						
Pressure -- End of Test	889 psig	889 psig	889 psig	889 psig						

Unrestrained Pipe

Sum:	Vo	88.86 gal 11,374 oz.	Vtp1	88.81 gal 11,368 oz.	Vtp2	88.67 gal 11,350 oz.
Vo Unrestrained	89 gal					
Fwp 1	1.002757					
Fpp 1	1.002475					
Fpt 1	1.000783					
Fwt 1	1.006611					
Fpwt 1 = Fpt/Fwt	0.994210					
Vtp 1 = Vo(Fwp)(Fpp)(Fpwt)	88.81 gal					
Fwp 2	1.002723					
Fpp 2	1.002445					
Fpt 2	1.000892					
Fwt 2	1.008254					
Fpwt = Fpt/Fwt	0.992698					
Vtp = Vo(Fwp)(Fpp)(Fpwt)	88.67 gal					

Restrained Pipe

Sum:	Vo	18,081.62 gal 2,314,447 oz.	Vtp1	18,080.03 gal 2,314,244 oz.	Vtp2	18,094.78 gal 2,316,132 oz.
Vo Unrestrained		17,908 gal	173 gal	3 gal		
Fwp 1	1.002757		1.002757	1.002757		
Fpp 1	1.001931		1.001385	1.000372		
Fpt 1	1.000436		1.000436	1.000436		
Fwt 1	1.005214		1.005214	1.005214		
Fpwt 1 = Fpt/Fwt	0.995246		0.995246	0.995246		
Vtp 1 = Vo(Fwp)(Fpp)(Fpwt)		17,904 gal	173 gal	3 gal		
Fwp 2	1.002723		1.002723	1.002723		
Fpp 2	1.001891		1.001352	1.000351		
Fpt 2	1.000375		1.000375	1.000375		
Fwt 2	1.004260		1.004260	1.004260		
Fpwt = Fpt/Fwt	0.996131		0.996131	0.996131		
Vtp = Vo(Fwp)(Fpp)(Fpwt)		17,919 gal	173 gal	3 gal		

Combined Pipe

Sum:	Vo	18,170.48 gal 2,325,821 oz.	Vtp1	18,168.84 gal 2,325,612 oz.	Vtp2	18,183.45 gal 2,327,482 oz.
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Pipe Segment Volume Allowance Calculations

Company	Pacific Gas and Electric Company	Job Number	414197332-4
Construction Co.	Snelson	Job Number	41497332-4-T-76C
Hydro. Test Co.	MilBar Hydro-Testing Inc.	Project No.	FY12-212
Test Section	PG&E T-76-4 L-300B, MP 256.66 - 257.5096	WATER	
File Name	RCP 61362 - T-76-4, L-300B, MP 256.66 - 257.5096		

General Pipe Data									
Description	Segment								
	1	2	3	4					
Restrained or Unrestrained?	Unrestrained	Restrained	Restrained	Restrained					
Outside Diameter	34.000 in.	34.000 in.	24.000 in.	2.375 in.					
Wall Thickness	0.500 in.	0.500 in.	0.500 in.	0.218 in.					
Inside Diameter	33.000 in.	33.000 in.	23.000 in.	1.939 in.					
Spec./Grade	API5L-X65	API5L-X52	API5L-X52	API5L-Grade B					
Length Unstrained	2.00 ft								
Length Restrained		403 ft	8 ft	21 ft					
Temperature -- On Test	105 °F	93 °F	93 °F	93 °F					
Temperature -- End of Test	106 °F	94 °F	94 °F	94 °F					
Pressure -- On Test	894 psig	894 psig	894 psig	894 psig					
Pressure -- End of Test	894 psig	894 psig	894 psig	894 psig					

Unrestrained Pipe						
Sum:	Vo	88.86 gal 11,374 oz.		Vtp1	88.75 gal 11,360 oz.	
				Vtp2	88.73 gal 11,358 oz.	
Vo Unrestrained	89 gal					
Fwp 1	1.002739					
Fpp 1	1.002459					
Fpt 1	1.000819					
Fwt 1	1.007256					
Fpwt 1 = Fpt/Fwt	0.993609					
Vtp 1 = Vo(Fwp)(Fpp)(Fpwt)	88.75 gal					
Fwp 2	1.002739					
Fpp 2	1.002459					
Fpt 2	1.000837					
Fwt 2	1.007506					
Fpwt = Fpt/Fwt	0.993381					
Vtp = Vo(Fwp)(Fpp)(Fpwt)	88.73 gal					

Restrained Pipe						
Sum:	Vo	18,081.62 gal 2,314,447 oz.		Vtp1	18,089.20 gal 2,315,417 oz.	
				Vtp2	18,086.42 gal 2,315,061 oz.	
Vo Restrained		17,906 gal	173 gal	3 gal		
Fwp 1		1.002739	1.002739	1.002739		
Fpp 1		1.001909	1.001366	1.000360		
Fpt 1		1.000399	1.000399	1.000399		
Fwt 1		1.004627	1.004627	1.004627		
Fpwt 1 = Fpt/Fwt		0.995792	0.995792	0.995792		
Vtp 1 = Vo(Fwp)(Fpp)(Fpwt)		17,913 gal	173 gal	3 gal		
Fwp 2		1.002739	1.002739	1.002739		
Fpp 2		1.001912	1.001370	1.000364		
Fpt 2		1.000411	1.000411	1.000411		
Fwt 2		1.004797	1.004797	1.004797		
Fpwt = Fp/Fwt		0.995635	0.995635	0.995635		
Vtp = Vo(Fwp)(Fpp)(Fpwt)		17,911 gal	173 gal	3 gal		

Combined Pipe						
Sum:	Vo	18,170.48 gal 2,325,821 oz.		Vtp1	18,177.95 gal 2,326,778 oz.	
				Vtp2	18,175.15 gal 2,326,419 oz.	
1 °F Change	2.80 gal	358.26 oz.				



Hydrostatic Test Pipe Data Table

Pipe Type	Length	Restrained / Unrestrained	Outside Diameter	Wall Thickness	Specification & Grade	Pipe Yield Pressure	Material	Joint Type	Seam Type
1	2 ft	Unrestrained	34.000 in.	0.5000 in.	API5L-X65	1,912 psig	Steel	Arc Weld	DSAW
2	403 ft	Restrained	34.000 in.	0.5000 in.	API5L-X52	1,529 psig	Steel	Arc Weld	DSAW
3	8 ft	Restrained	24.000 in.	0.5000 in.	API5L-X52	2,167 psig	Steel	Arc Weld	DSAW
4	21 ft	Restrained	2.375 in.	0.2180 in.	API5L-Grade B	6,425 psig	Steel	Arc Weld	SM

Hydrostatic Test Project Owner & Participants

Owner Company	Pacific Gas and Electric Company	Job Number
Address	350 N. Wiget Walnut Creek, CA 94598 Attention: Redacted	414197332-4
Construction Company	Snelson	Job Number
Address	601 State Street Sedro-Valley, WA 98284 Attention: J. Elliot	41497332-4-T-76C
Hydrostatic Test Co.	MilBar Hydro-Testing Inc.	Project No.
Address	P.O. Box 7701 Shreveport, LA 71137-7701 Attention:	FY12-212
Test Section	PG&E T-76-4 L-300B, MP 256.66 - 257.5096 From: 0+00 To: 4+03	
File Name	RCP 61362 - T-76-4, L-300B, MP 256.66- 257.5096	

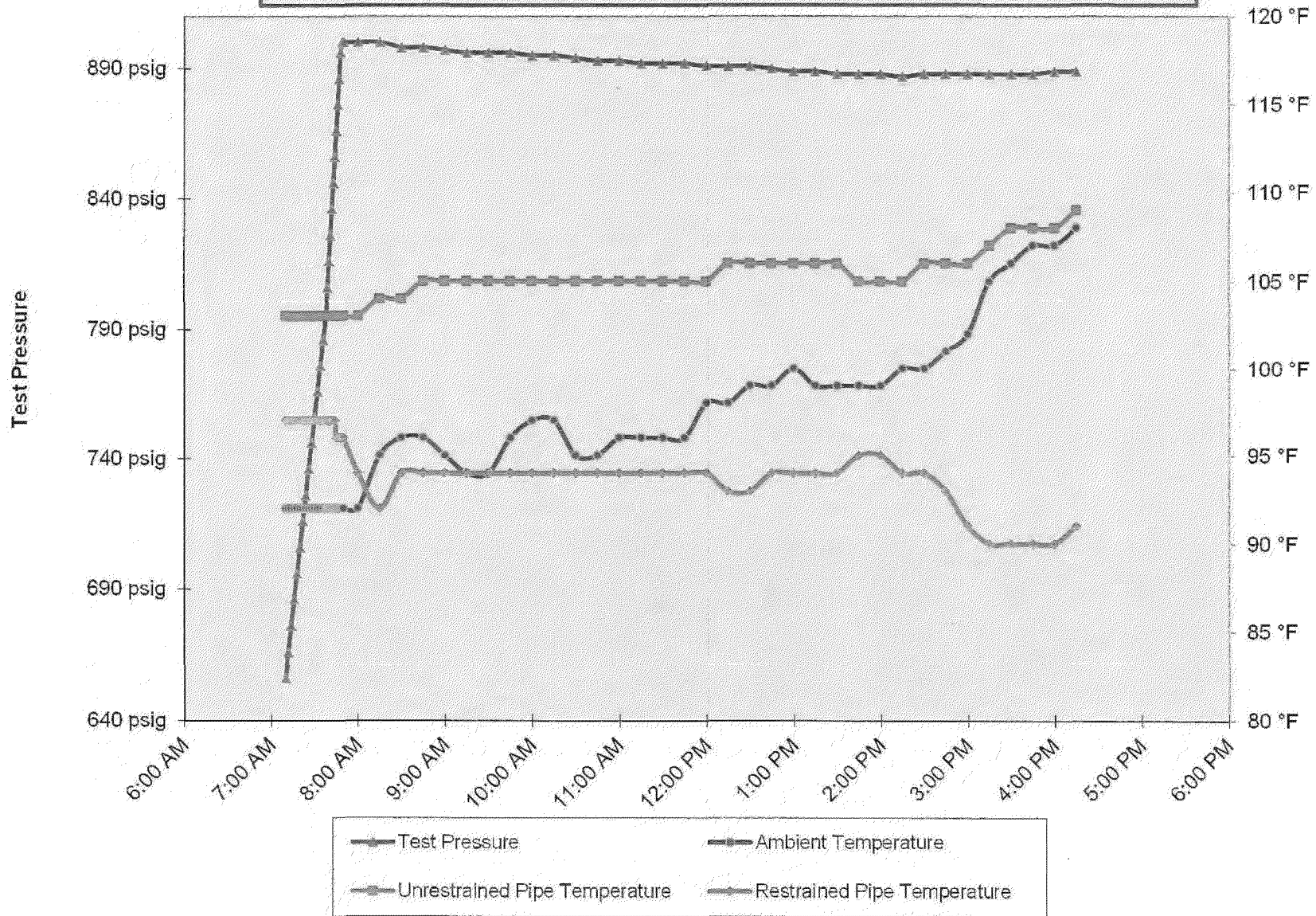
Part II - Test Data (TO BE PREPARED BY PERSON SUPERVISING TEST AT TIME OF TEST)

Note: Minimum test pressure and duration are not to be charged without written approval.

Time and Date Test Pressure Reached	8/28/11 7:50 AM	Elevation at Test Point	509 ft	Min. Required Test Press At Test Point (1)	875.00 psig	Max. Allowable Test Press at Test Point (4)	999.33 psig
Time and Date Test Ended	8/28/11 4:15 PM	Max. Elevation in Test Section	509 ft	Min. Indicated Test Pressure (2)	887.00 psig	Max. Indicated Test Pressure (5)	900.00 psig
Actual Duration of Test	8 hours 25 minutes	Min. Elevation in Test Section	489 ft	Min. Test Pressure at Max. Elevation (3)	887.00 psig	Max. Test Pressure at Min. Elevation (6)	908.67 psig

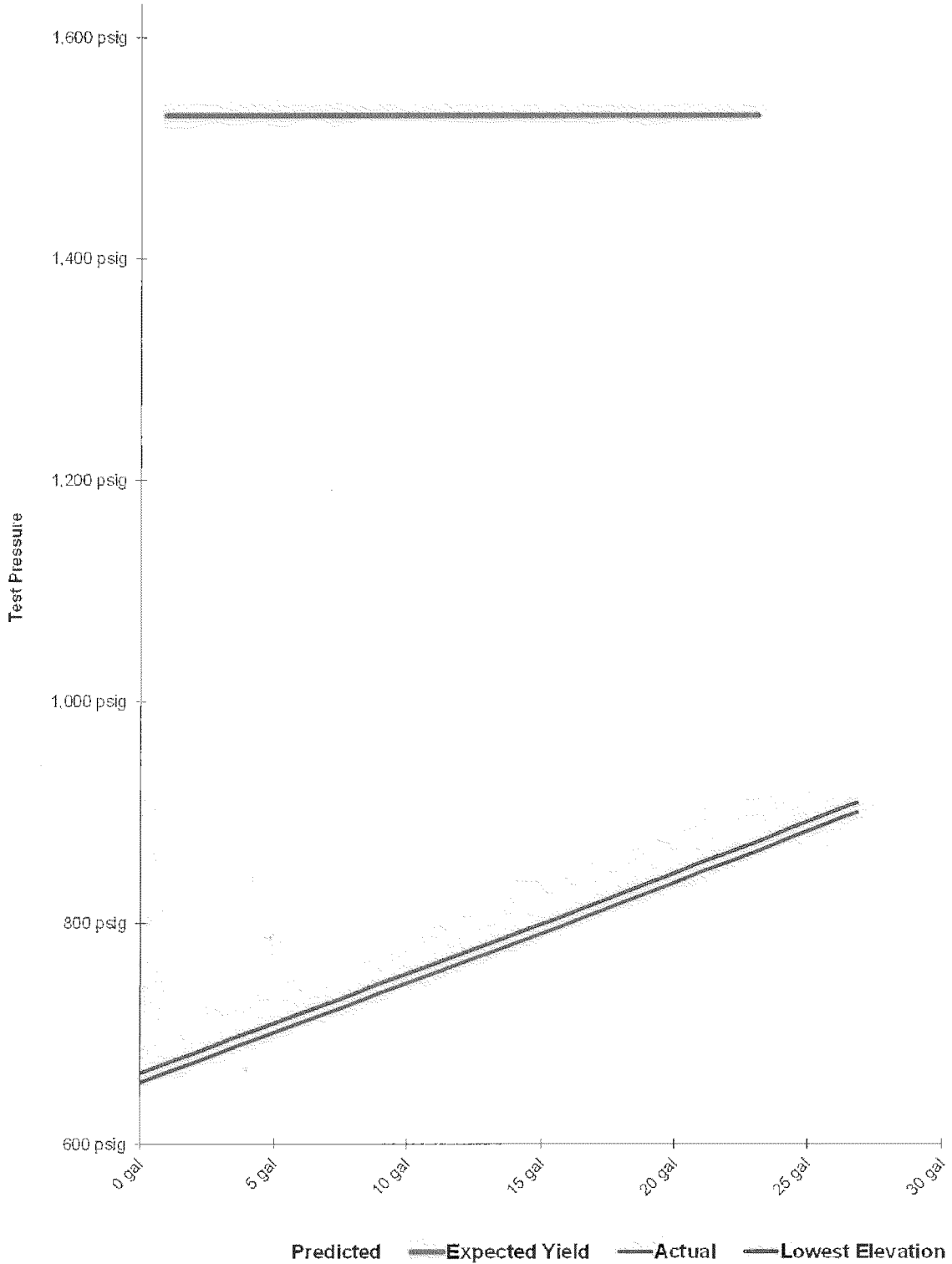


PG&E T-76-4 L-300B, MP 256.66 - 257.5096



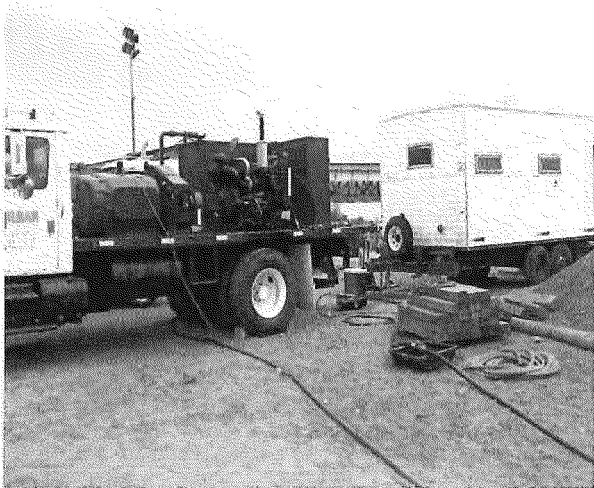


Spike Pressure Test
Stress Strain Curve -- PG&E T-76-4 L-300B, MP 256.66 - 257.5096





Actual Pressure Volume Plot Data			Predicted Pressure Volume Plot Data	Slope		Spike Pressure Test Stress Strain Curve -- PG&E T-76-4 L-300B, MP 256.66 - 257.5096	
Pressure	Strokes	Gallons	Gallons	Actual	Predicted		
656 psig	0	0.00 gal		0	0.000	Pump gal per stroke	0.138 gal/stroke
666 psig	25	1.10 gal	0.95 gal	0.110	0.095	Pump Piston Diameter	1.500 in
676 psig	51	2.25 gal	1.89 gal	0.115	0.095	Pump Piston Stroke	6.00 in
686 psig	75	3.31 gal	2.84 gal	0.106	0.095	Pump Cylinders	3 ea
696 psig	101	4.45 gal	3.78 gal	0.115	0.095	Volume check gal per stroke	0.044 gal/stroke
706 psig	126	5.55 gal	4.73 gal	0.110	0.095	Volume Released (gallons)	1.10 gal
716 psig	152	6.70 gal	5.67 gal	0.115	0.095	Pressure Reduced (psi)	10 psi
726 psig	178	7.84 gal	6.62 gal	0.115	0.095	Maximum2	30 gal
736 psig	202	8.90 gal	7.56 gal	0.106	0.095	Minimum2	0 gal
746 psig	228	10.05 gal	8.51 gal	0.115	0.095	Maximum1	1,630 psig
756 psig	254	11.19 gal	9.46 gal	0.115	0.095	Minimum1	600 psig
766 psig	279	12.30 gal	10.40 gal	0.110	0.095	Gallons/Stroke Used	0.044 gal/stroke
776 psig	304	13.40 gal	11.35 gal	0.110	0.095	Predicted Gallons/Stroke	0.038 gal/stroke
786 psig	329	14.50 gal	12.29 gal	0.110	0.095	Pressure Increment	10 psi
796 psig	355	15.65 gal	13.24 gal	0.115	0.095		
806 psig	379	16.70 gal	14.19 gal	0.106	0.095	Max Pressure	900 psig
816 psig	404	17.81 gal	15.13 gal	0.110	0.095		
826 psig	428	18.86 gal	16.08 gal	0.106	0.095	Buried Pipe Temperature	100 °F
836 psig	453	19.96 gal	17.02 gal	0.110	0.095	Exposed Pipe Temperature	95 °F
846 psig	476	20.96 gal	17.97 gal	0.101	0.095		
856 psig	502	22.12 gal	18.92 gal	0.115	0.095	ASME B31.8 Appendix N-5	
866 psig	527	23.23 gal	19.86 gal	0.110	0.095		
876 psig	550	24.24 gal	20.81 gal	0.101	0.095	Average Actual Elastic Slope	0.110
886 psig	574	25.30 gal	21.76 gal	0.106	0.095	Average Predicted Elastic Slope	0.095
896 psig	598	26.36 gal	22.70 gal	0.106	0.095		
900 psig	609	26.84 gal	23.08 gal	0.121	0.095	Code Prescribed Minimum Yield Slope (less 10%) B31.8 N-5 (c)(2)	0.210
900 psig		26.84 gal	23.08 gal	0.000	0.000	Established Minimum Yield Pressure B31.8 N-5 (c)(2)	900 psig
900 psig		26.84 gal	23.08 gal	0.000	0.000		
900 psig		26.84 gal	23.08 gal	0.000	0.000	Maximum Allowed Volume (After Slope Deviation) B31.8 N-5 (c)(2)	418 gal
900 psig		26.84 gal	23.08 gal	0.000	0.000	Volume (After Slope Deviation) B31.8 N-5 (c)(2)	0 gal
900 psig		26.84 gal	23.08 gal	0.000	0.000		
900 psig		26.84 gal	23.08 gal	0.000	0.000	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Redacted </div> <div style="margin-left: 20px; text-align: right;"> <i>8/28/14</i> Date </div>	
900 psig		26.84 gal	23.08 gal	0.000	0.000		
900 psig		26.84 gal	23.08 gal	0.000	0.000		
900 psig		26.84 gal	23.08 gal	0.000	0.000		
900 psig		26.84 gal	23.08 gal	0.000	0.000		
900 psig		26.84 gal	23.08 gal	0.000	0.000		
900 psig		26.84 gal	23.08 gal	0.000	0.000		
900 psig		26.84 gal	23.08 gal	0.000	0.000		
900 psig		26.84 gal	23.08 gal	0.000	0.000		
900 psig		26.84 gal	23.08 gal	0.000	0.000		



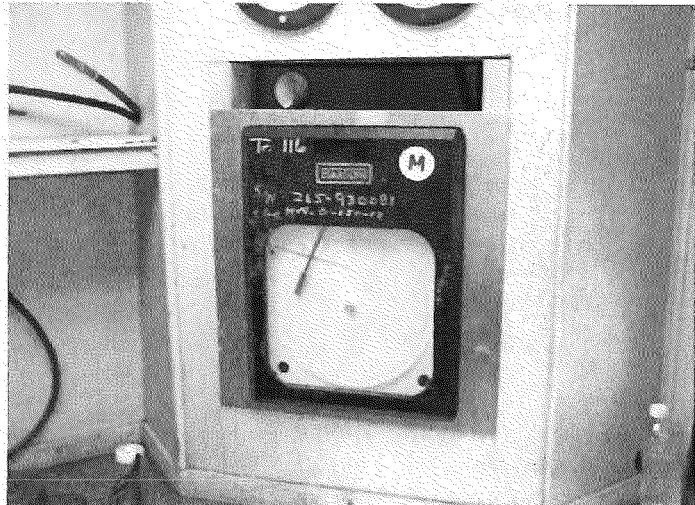
Pressue Pump and Test Trailer



Deadweight Testing Equipment



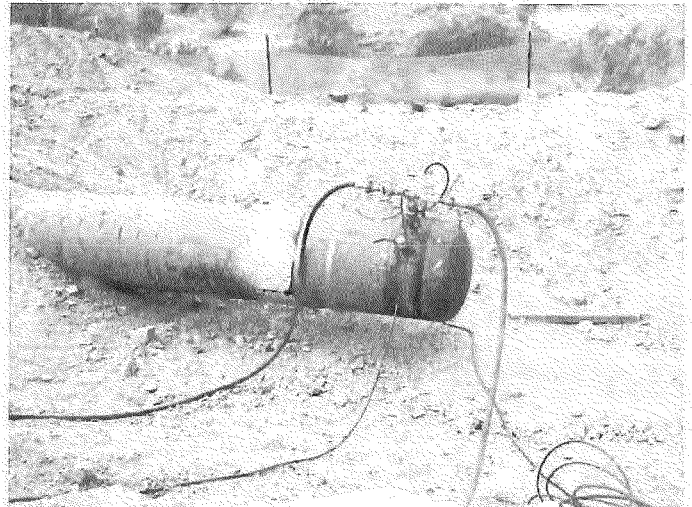
Pressure Chart Recorder



Ambient Temp. Chart Recorder



Restrained Temp Char Recorder



Test Location B

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