



RCP, Inc

Redacted

August 26, 2011

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

Test Contractor:	Milbar hydro-test inc. – FY12-112
Asset Owner:	Pacific Gas and Electric Company – 414197335-T80
Construction Contractor:	Snelson – 41474005 -T80
Test Section:	PG&E T-80 L-300B, MP 237.49 - 240.56
Test Date:	August 26, 2011
Certificate Number:	RCP 61362 - T-80, L-300B, MP 237.49 - 240.56

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-test inc. met the requirements of the Code of Federal Regulations, Title 49, Part 192, Subpart J (Class 2).

This hydrostatic test was completed successfully. Pressure was maintained on the test facilities in excess of 8.17 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 1008 psig and the established MAOP is 806 psig.

Pressure decreased 4 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 1,687.28 ounces, loss, which is equivalent to a 0.16 °F change in pipe temperature and within the error attributed to the temperature measurement instrumentation utilized.

Test pressure did not remain steady even though no leaks were observed. The volumetric loss is attributed to the error characteristic of the temperature measurement instrumentation utilized.

Sincerely,
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Hydrostatic Test Certification

Company	Pacific Gas and Electric Company	Job Number	414197335-T80
Construction Co.	Snelson	Job Number	41474005-T80
Hydro. Test Co.	Milbar hydro-test inc.	Project No.	FY12-112
Test Section	PG&E T-80 L-300B, MP 237.49 - 240.56		
File Name	RCP 61362 - T-80, L-300B, MP 237.49 - 240.56		

Hydrostatic Test Pressure

APPLICABLE CODE FOR CERTIFICATION: _____ Test Date: 26-Aug-11

Code of Federal Regulations, Title 49, Part 192, Subpart J (Class 2)

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-80 L-300B, MP 237.49 - 240.56

From: 0+00

To: 167+59

Pipe Data

Segment	Length	Diameter	Wall Thickness	Specification	100% SMYS
1	95 ft	34.000 in.	0.500 in.	API5L-X46, DSAW, Arc Weld, Steel	1,353 psi
2	16,631 ft	34.000 in.	0.375 in.	API5L-X52, DSAW, Arc Weld, Steel	1,147 psi
3	81 ft	34.000 in.	0.500 in.	API5L-X65, DSAW, Arc Weld, Steel	1,912 psi
4	40 ft	34.000 in.	0.500 in.	API5L-X65, DSAW, Arc Weld, Steel	1,912 psi
5	41 ft	12.750 in.	0.500 in.	API5L-Grade B, SM, Arc Weld, Steel	2,745 psi
6	32 ft	1.315 in.	0.113 in.	API5L-Grade B, SM, Arc Weld, Steel	6,015 psi
7	33 ft	34.000 in.	0.375 in.	API5L-X52, DSAW, Arc Weld, Steel	1,147 psi
8	4 ft	34.000 in.	0.500 in.	API5L-X65, DSAW, Arc Weld, Steel	1,912 psi
9	6 ft	34.000 in.	0.375 in.	API5L-X65, DSAW, Arc Weld, Steel	1,434 psi
10	14 ft	34.000 in.	0.500 in.	API5L-X60, DSAW, Arc Weld, Steel	1,765 psi
11	20 ft	34.000 in.	0.505 in.	API5L-X60, DSAW, Arc Weld, Steel	1,782 psi

Initial Test Conditions

Pressure at Test Point:	1,035 psig	Date/Time:	8/26/11 10:35 AM	Pipe Temperature	
Ambient Temperature:	93.0 °F	Elevation @ Test Point:	4,344.0 ft	Unrestrained:	83.0 °F
Pressure @ High Point (Cal/Measure):	1,012 psig	Elevation @ High Point:	4,396.0 ft	Restrained:	76.0 °F
Pressure @ Low Point (Cal/Measure):	1,129 psig	Elevation @ Low Point:	4,127.0 ft	Location:	0+00
				Location:	84+00
				Location:	167+59

Final Test Conditions

Pressure at Test Point:	1,031 psig	Date/Time:	8/26/11 6:45 PM	Pipe Temperature	
Ambient Temperature:	84.0 °F	Elevation @ Test Point:	4,344.0 ft	Unrestrained:	79.0 °F
Pressure @ High Point (Cal/Measure):	1,008 psig	Elevation @ High Point:	4,396.0 ft	Restrained:	76.0 °F
Pressure @ Low Point (Cal/Measure):	1,125 psig	Elevation @ Low Point:	4,127.0 ft	Location:	0+00
				Location:	84+00
				Location:	167+59

Total Fluid Injected:		Volume loss	
Total Fluid Withdrawn:			
Net Change in Volume of the Test Section ± (+ Gain, - Loss):	(1,687.28) oz	loss	(0.0017)% (0.158) °F equivalent

Test Duration: 8.17 hours

Minimum Test Pressure:	1,031 psig	1,008 psig	1,125 psig	
Maximum Test Pressure:	1,035 psig	1,012 psig	1,129 psig	
% SMYS:	90.2%	74.8%	98.4%	
Test Segment Observed % SMYS:	Minimum	17.2%	Maximum	98.4%

Minimum Test Pressure (Calculated/Measured): 1,008 psig

Maximum Allowable Operating Pressure: DOT Part 192 Test Factor= 1.25 806 psig

Were leaks observed?	No	Explain:
Acceptable Hydrostatic Test?	Yes	<p>No leaks were observed during the test period. The test section included 16,726 feet of buried and 251 feet of exposed pipe. Pressure lost 4 psi during the test. The buried pipe segment fluid temperature remained steady and the exposed pipe segment lost 4°F.</p> <p>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 1,687.28 ounces, loss, which is equivalent to a 0.16 °F change in pipe temperature and within the error attributed to the temperature measurement instrumentation utilized.</p> <p>Test pressure did not remain steady even though no leaks were observed. The volumetric loss is attributed to the error characteristic of the temperature measurement instrumentation utilized.</p>

Remarks

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Dead Weight Log Sheet

Owner Company	Pacific Gas and Electric Company	Job Number	414197335-T80
Construction Co.	Snelson	Job Number	41474005 -T80
Testing Co.	Milbar hydro-test inc.	Project No.	FY12-112
Test Section	PG&E T-80 L-300B, MP 237.49 - 240.56		
File Name	RCP 61362 - T-80, L-300B, MP 237.49 - 240.56		

Date 26-Aug-11

Test Log

Log No.	Test Period		Test Pressure	Temperature °F			Remarks		
	Date	Time		Ambient	Pipe		Comment	Bleed	Inject
					Unrestrained	Restrained			
1	8/26/11	10:03 AM	753 psig	90 °F	81 °F	75 °F			
2	8/26/11	10:04 AM	763 psig	90 °F	81 °F	75 °F	Inject		6,909 oz.
3	8/26/11	10:05 AM	773 psig	90 °F	81 °F	75 °F	Inject		5,993 oz.
4	8/26/11	10:06 AM	783 psig	90 °F	81 °F	75 °F	Inject		5,711 oz.
5	8/26/11	10:07 AM	793 psig	90 °F	81 °F	75 °F	Inject		6,204 oz.
6	8/26/11	10:08 AM	803 psig	90 °F	81 °F	75 °F	Inject		5,922 oz.
7	8/26/11	10:09 AM	813 psig	90 °F	81 °F	75 °F	Inject		5,922 oz.
8	8/26/11	10:10 AM	823 psig	90 °F	81 °F	75 °F	Inject		6,063 oz.
9	8/26/11	10:11 AM	833 psig	90 °F	81 °F	75 °F	Inject		5,922 oz.
10	8/26/11	10:12 AM	843 psig	90 °F	81 °F	75 °F	Inject		6,063 oz.
11	8/26/11	10:13 AM	853 psig	90 °F	81 °F	75 °F	Inject		6,063 oz.
12	8/26/11	10:14 AM	863 psig	90 °F	81 °F	75 °F	Inject		5,993 oz.
13	8/26/11	10:15 AM	873 psig	90 °F	81 °F	75 °F	Inject		6,063 oz.
14	8/26/11	10:16 AM	883 psig	90 °F	81 °F	75 °F	Inject		5,922 oz.
15	8/26/11	10:17 AM	893 psig	90 °F	81 °F	75 °F	Inject		6,063 oz.
16	8/26/11	10:18 AM	903 psig	90 °F	81 °F	75 °F	Inject		5,993 oz.
17	8/26/11	10:19 AM	913 psig	90 °F	81 °F	75 °F	Inject		5,922 oz.
18	8/26/11	10:20 AM	923 psig	90 °F	81 °F	75 °F	Inject		6,063 oz.
19	8/26/11	10:21 AM	933 psig	90 °F	81 °F	75 °F	Inject		5,993 oz.
20	8/26/11	10:22 AM	943 psig	90 °F	81 °F	75 °F	Inject		5,993 oz.
21	8/26/11	10:23 AM	953 psig	90 °F	81 °F	75 °F	Inject		6,204 oz.
22	8/26/11	10:24 AM	963 psig	90 °F	81 °F	75 °F	Inject		5,922 oz.
23	8/26/11	10:25 AM	973 psig	90 °F	81 °F	75 °F	Inject		5,993 oz.
24	8/26/11	10:26 AM	983 psig	90 °F	81 °F	75 °F	Inject		6,063 oz.
25	8/26/11	10:27 AM	993 psig	90 °F	81 °F	75 °F	Inject		5,993 oz.
26	8/26/11	10:28 AM	1,003 psig	90 °F	81 °F	75 °F	Inject		6,134 oz.
27	8/26/11	10:29 AM	1,013 psig	90 °F	81 °F	75 °F	Inject		5,922 oz.
28	8/26/11	10:30 AM	1,023 psig	90 °F	81 °F	75 °F	Inject		6,134 oz.
29	8/26/11	10:31 AM	1,033 psig	90 °F	81 °F	75 °F	Inject		5,852 oz.
30	8/26/11	10:32 AM	1,035 psig	90 °F	81 °F	75 °F	Inject		1,269 oz.
31	8/26/11	10:35 AM	1,035 psig	93 °F	83 °F	76 °F	On Test		
32	8/26/11	10:45 AM	1,034 psig	95 °F	84 °F	76 °F			
33	8/26/11	11:00 AM	1,034 psig	96 °F	85 °F	76 °F			
34	8/26/11	11:15 AM	1,034 psig	97 °F	86 °F	76 °F			
35	8/26/11	11:30 AM	1,034 psig	97 °F	86 °F	76 °F			
36	8/26/11	11:45 AM	1,034 psig	97 °F	87 °F	76 °F			
37	8/26/11	12:00 PM	1,034 psig	97 °F	88 °F	76 °F			
38	8/26/11	12:15 PM	1,034 psig	96 °F	88 °F	76 °F			
39	8/26/11	12:30 PM	1,034 psig	95 °F	87 °F	76 °F			
40	8/26/11	12:45 PM	1,034 psig	92 °F	87 °F	76 °F			
41	8/26/11	1:00 PM	1,034 psig	91 °F	86 °F	76 °F			
42	8/26/11	1:15 PM	1,034 psig	91 °F	87 °F	76 °F			
43	8/26/11	1:30 PM	1,034 psig	92 °F	87 °F	76 °F			

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Pipe Segment Volume Calculations

Company	Pacific Gas and Electric Company	Job Number	414197335-T80
Construction Co.	Snelson	Job Number	41474005 -T80
Hydro. Test Co.	Milbar hydro-test inc.	Project No.	FY12-112
Test Section	PG&E T-80 L-300B, MP 237.49 - 240.56	WATER	
File Name	RCP 61362 - T-80, L-300B, MP 237.49 - 240.58		

Description	General Pipe Data									
	Segment									
	1	2	3	4	5	6	7	8	9	10
Restrainted or Unrestrainted?	Restrainted	Restrainted	Unrestrainted	Unrestrainted	Unrestrainted	Unrestrainted	Unrestrainted	Unrestrainted	Unrestrainted	Unrestrainted
Outside Diameter	34.000 in.	34.000 in.	34.000 in.	34.000 in.	12.750 in.	1.315 in.	34.000 in.	34.000 in.	34.000 in.	34.000 in.
Wall Thickness	0.500 in.	0.375 in.	0.500 in.	0.500 in.	0.500 in.	0.113 in.	0.375 in.	0.500 in.	0.375 in.	0.500 in.
Inside Diameter	33.000 in.	33.250 in.	33.000 in.	33.000 in.	11.750 in.	1.089 in.	33.250 in.	33.000 in.	33.250 in.	33.000 in.
Spec./Grade	API5L-X46	API5L-X52	API5L-X65	API5L-X65	API5L-Grade B	API5L-Grade B	API5L-X52	API5L-X65	API5L-X65	API5L-X60
Length Unrestrainted			81 ft	40 ft	41 ft	32 ft	33 ft	4 ft	6 ft	14 ft
Length Restrainted	95 ft	16,631 ft								
Temperature -- On Test	76 °F	76 °F	83.0 °F	83.0 °F	83.0 °F	83.0 °F	83.0 °F	83.0 °F	83.0 °F	83.0 °F
Temperature -- End of Test	76 °F	76 °F	79.0 °F	79.0 °F	79.0 °F	79.0 °F	79.0 °F	79.0 °F	79.0 °F	79.0 °F
Pressure -- On Test	1,035 psig	1,035 psig	1,035 psig	1,035 psig	1,035 psig	1,035 psig	1,035 psig	1,035 psig	1,035 psig	1,035 psig
Pressure -- End of Test	1,031 psig	1,031 psig	1,031 psig	1,031 psig	1,031 psig	1,031 psig	1,031 psig	1,031 psig	1,031 psig	1,031 psig

Unrestrainted Pipe										
Sum:	Vo	8,167.59 gal 1,045,451 oz.		Vtp1	8,198.04 gal 1,049,349 oz.		Vtp2	8,202.26 gal 1,049,889 oz.		
Vo Unrestrainted			3,599 gal	1,777 gal	231 gal	2 gal	1,489 gal	178 gal	271 gal	622 gal
Fwp 1			1.003172	1.003172	1.003172	1.003172	1.003172	1.003172	1.003172	1.003172
Fpp 1			1.002846	1.002846	1.001013	1.000416	1.003824	1.002846	1.003824	1.002846
Fpt 1			1.000419	1.000419	1.000419	1.000419	1.000419	1.000419	1.000419	1.000419
Fwt 1			1.002868	1.002868	1.002868	1.002868	1.002868	1.002868	1.002868	1.002868
Fpwt 1 = Fpt/Fwt			0.997557	0.997557	0.997557	0.997557	0.997557	0.997557	0.997557	0.997557
Vtp 1 = Vo(Fwp)(Fpp)(Fpwt)			3,611.77 gal	1,783.59 gal	231.35 gal	1.55 gal	1,495.30 gal	178.36 gal	271.87 gal	624.26 gal
Fwp 2			1.003160	1.003160	1.003160	1.003160	1.003160	1.003160	1.003160	1.003160
Fpp 2			1.002835	1.002835	1.001010	1.000414	1.003809	1.002835	1.003809	1.002835
Fpt 2			1.000346	1.000346	1.000346	1.000346	1.000346	1.000346	1.000346	1.000346
Fwt 2			1.002255	1.002255	1.002255	1.002255	1.002255	1.002255	1.002255	1.002255
Fpwt = Fpt/Fwt			0.998095	0.998095	0.998095	0.998095	0.998095	0.998095	0.998095	0.998095
Vtp = Vo(Fwp)(Fpp)(Fpwt)			3,613.63 gal	1,784.51 gal	231.47 gal	1.55 gal	1,496.06 gal	178.45 gal	272.01 gal	624.58 gal

Restrainted Pipe										
Sum:	Vo	754,392.89 gal 96,562,289 oz.		Vtp1	757,706.22 gal 96,986,396 oz.		Vtp2	757,688.81 gal 96,984,168 oz.		
Vo Unrestrainted	4,221 gal		750,172 gal							
Fwp 1	1.003172		1.003172							
Fpp 1	1.002130		1.002841							
Fpt 1	1.000194		1.000194							
Fwt 1	1.001813		1.001813							
Fpwt 1 = Fpt/Fwt	0.998384		0.998384							
Vtp 1 = Vo(Fwp)(Fpp)(Fpwt)	4,237 gal		753,470 gal							
Fwp 2	1.003160		1.003160							
Fpp 2	1.002122		1.002831							
Fpt 2	1.000194		1.000194							
Fwt 2	1.001813		1.001813							
Fpwt = Fpt/Fwt	0.998384		0.998384							
Vtp = Vo(Fwp)(Fpp)(Fpwt)	4,236 gal		753,452 gal							

Combined Pipe										
Sum:	Vo	762,560.47 gal 97,607,741 oz.		Vtp1	765,904.26 gal 98,035,745 oz.		Vtp2	765,891.08 gal 98,034,056 oz.		

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Pipe Segment Volume Allowance Calculations

Company	Pacific Gas and Electric Company	Job Number	414197335-T80
Construction Co.	Snelson	Job Number	41474005-T80
Hydro. Test Co.	Milbar hydro-test inc.	Project No.	FY12-112
Test Section	PG&E T-80 L-300B, MP 237.49 - 240.56		
File Name	RCP 61362 - T-80, L-300B, MP 237.49 - 240.56		WATER

General Pipe Data

Description	Segment									
	1	2	3	4	5	6	7	8	9	10
Restrainted or Unrestrainted?	Restrainted	Restrainted	Unrestrainted	Unrestrainted	Unrestrainted	Unrestrainted	Unrestrainted	Unrestrainted	Unrestrainted	Unrestrainted
Outside Diameter	34.000 in.	34.000 in.	34.000 in.	34.000 in.	12.750 in.	1.315 in.	34.000 in.	34.000 in.	34.000 in.	34.000 in.
Wall Thickness	0.500 in.	0.375 in.	0.500 in.	0.500 in.	0.500 in.	0.113 in.	0.375 in.	0.500 in.	0.375 in.	0.500 in.
Inside Diameter	33.000 in.	33.250 in.	33.000 in.	33.000 in.	11.750 in.	1.089 in.	33.250 in.	33.000 in.	33.250 in.	33.000 in.
Spec./Grade	API5L-X46	API5L-X52	API5L-X65	API5L-X65	API5L-Grade B	API5L-Grade B	API5L-X52	API5L-X65	API5L-X65	API5L-X60
Length Unrestrainted			81.00 ft	40 ft	41 ft	32 ft	33 ft	4 ft	6 ft	14 ft
Length Restrainted	95 ft	16,631 ft								
Temperature -- On Test	75 °F	75 °F	80 °F	80 °F	80 °F	80 °F	80 °F	80 °F	80 °F	80 °F
Temperature -- End of Test	76 °F	76 °F	81 °F	81 °F	81 °F	81 °F	81 °F	81 °F	81 °F	81 °F
Pressure -- On Test	1,033 psig	1,033 psig	1,033 psig	1,033 psig	1,033 psig	1,033 psig	1,033 psig	1,033 psig	1,033 psig	1,033 psig
Pressure -- End of Test	1,033 psig	1,033 psig	1,033 psig	1,033 psig	1,033 psig	1,033 psig	1,033 psig	1,033 psig	1,033 psig	1,033 psig

Unrestrainted Pipe

Sum:	Vo	8,167.59 gal 1,045,451 oz.	Vtp1	8,201.18 gal 1,049,751 oz.	Vtp2	8,200.20 gal 1,049,625 oz.
Vo Unrestrainted		3,599 gal	1,777 gal	231 gal	2 gal	1,489 gal
Fwp 1		1.003166	1.003166	1.003166	1.003166	1.003166
Fpp 1		1.002841	1.002841	1.001011	1.000415	1.003816
Fpt 1		1.000364	1.000364	1.000364	1.000364	1.000364
Fwt 1		1.002418	1.002418	1.002418	1.002418	1.002418
Fpwt 1 = Fpt/Fwt		0.997951	0.997951	0.997951	0.997951	0.997951
Vtp 1 = Vo(Fwp)(Fpp)(Fpwt)		3,613.15 gal	1,784.27 gal	231.44 gal	1.55 gal	1,495.87 gal
Fwp 2		1.003166	1.003166	1.003166	1.003166	1.003166
Fpp 2		1.002841	1.002841	1.001011	1.000415	1.003816
Fpt 2		1.000382	1.000382	1.000382	1.000382	1.000382
Fwt 2		1.002556	1.002556	1.002556	1.002556	1.002556
Fpwt = Fpt/Fwt		0.997832	0.997832	0.997832	0.997832	0.997832
Vtp = Vo(Fwp)(Fpp)(Fpwt)		3,612.72 gal	1,784.06 gal	231.41 gal	1.55 gal	1,495.69 gal

Restrainted Pipe

Sum:	Vo	754,392.89 gal 96,562,289 oz.	Vtp1	757,779.96 gal 96,995,834 oz.	Vtp2	757,697.52 gal 96,985,282 oz.
Vo Restrainted	4,221 gal	750,172 gal				
Fwp 1	1.003166	1.003166				
Fpp 1	1.002122	1.002832				
Fpt 1	1.000182	1.000182				
Fwt 1	1.001688	1.001688				
Fpwt 1 = Fpt/Fwt	0.998496	0.998496				
Vtp 1 = Vo(Fwp)(Fpp)(Fpwt)	4,237 gal	753,543 gal				
Fwp 2	1.003166	1.003166				
Fpp 2	1.002126	1.002836				
Fpt 2	1.000194	1.000194				
Fwt 2	1.001813	1.001813				
Fpwt = Fpt/Fwt	0.998384	0.998384				
Vtp = Vo(Fwp)(Fpp)(Fpwt)	4,236 gal	753,461 gal				

Combined Pipe

Sum:	Vo	782,560.47 gal 97,607,741 oz.	Vtp1	765,981.13 gal 98,045,585 oz.	Vtp2	765,897.71 gal 98,034,907 oz.
1 °F Change	83.42 gal					10,677.75 oz.

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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	95 ft	Restrained	34.000 in.	0.5000 in.	API5L-X46	1,353 psig	Steel	Arc Weld	DSAW
2	16,631 ft	Restrained	34.000 in.	0.3750 in.	API5L-X52	1,147 psig	Steel	Arc Weld	DSAW
3	81 ft	Unrestrained	34.000 in.	0.5000 in.	API5L-X65	1,912 psig	Steel	Arc Weld	DSAW
4	40 ft	Unrestrained	34.000 in.	0.5000 in.	API5L-X65	1,912 psig	Steel	Arc Weld	DSAW
5	41 ft	Unrestrained	12.750 in.	0.5000 in.	API5L-Grade B	2,745 psig	Steel	Arc Weld	SM
6	32 ft	Unrestrained	1.315 in.	0.1130 in.	API5L-Grade B	6,015 psig	Steel	Arc Weld	SM
7	33 ft	Unrestrained	34.000 in.	0.3750 in.	API5L-X52	1,147 psig	Steel	Arc Weld	DSAW
8	4 ft	Unrestrained	34.000 in.	0.5000 in.	API5L-X65	1,912 psig	Steel	Arc Weld	DSAW
9	6 ft	Unrestrained	34.000 in.	0.3750 in.	API5L-X65	1,434 psig	Steel	Arc Weld	DSAW
10	14 ft	Unrestrained	34.000 in.	0.5000 in.	API5L-X60	1,765 psig	Steel	Arc Weld	DSAW
11	20 ft	Unrestrained	34.000 in.	0.5050 in.	API5L-X60	1,782 psig	Steel	Arc Weld	DSAW

Hydrostatic Test Project Owner & Participants

Owner Company	Pacific Gas and Electric Company	Job Number
Address	350 N. Wiget Walnut Creek, CA 94598 Attention: [Redacted]	414197335-T80
Construction Company	Snelson	Job Number
Address	601 West State Street Sedro-Wooley, WA 98284 Attention: [Redacted]	41474005-T80
Hydrostatic Test Co.	Milbar hydro-test inc.	Project No.
Address	P O Box 7701 Shreveport, La. 71137-7701	FY12-112
Test Section	PG&E T-80 L-300B, MP 237.49 - 240.56 From: 0+00 To: 167+59	
File Name	RCP 61362 - T-80, L-300B, MP 237.49 - 240.56	

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 changed without written approval.			
Time and Date Test Pressure Reached	8/26/11 10:35 AM	Elevation at Test Point	4,344 ft	Min. Required Test Press At Test Point (1)	1,026.53 psig	Max. Allowable Test Press at Test Point (4)	1,052.97 psig
Time and Date Test Ended	8/26/11 6:45 PM	Max. Elevation in Test Section	4,396 ft	Min. Indicated Test Pressure (2)	1,031.00 psig	Max. Indicated Test Pressure (5)	1,035.00 psig
Actual Duration of Test	8 hours 10 minutes	Min. Elevation in Test Section	4,127 ft	Min. Test Pressure at Max. Elevation (3)	1,008.47 psig	Max. Test Pressure at Min. Elevation (6)	1,129.03 psig

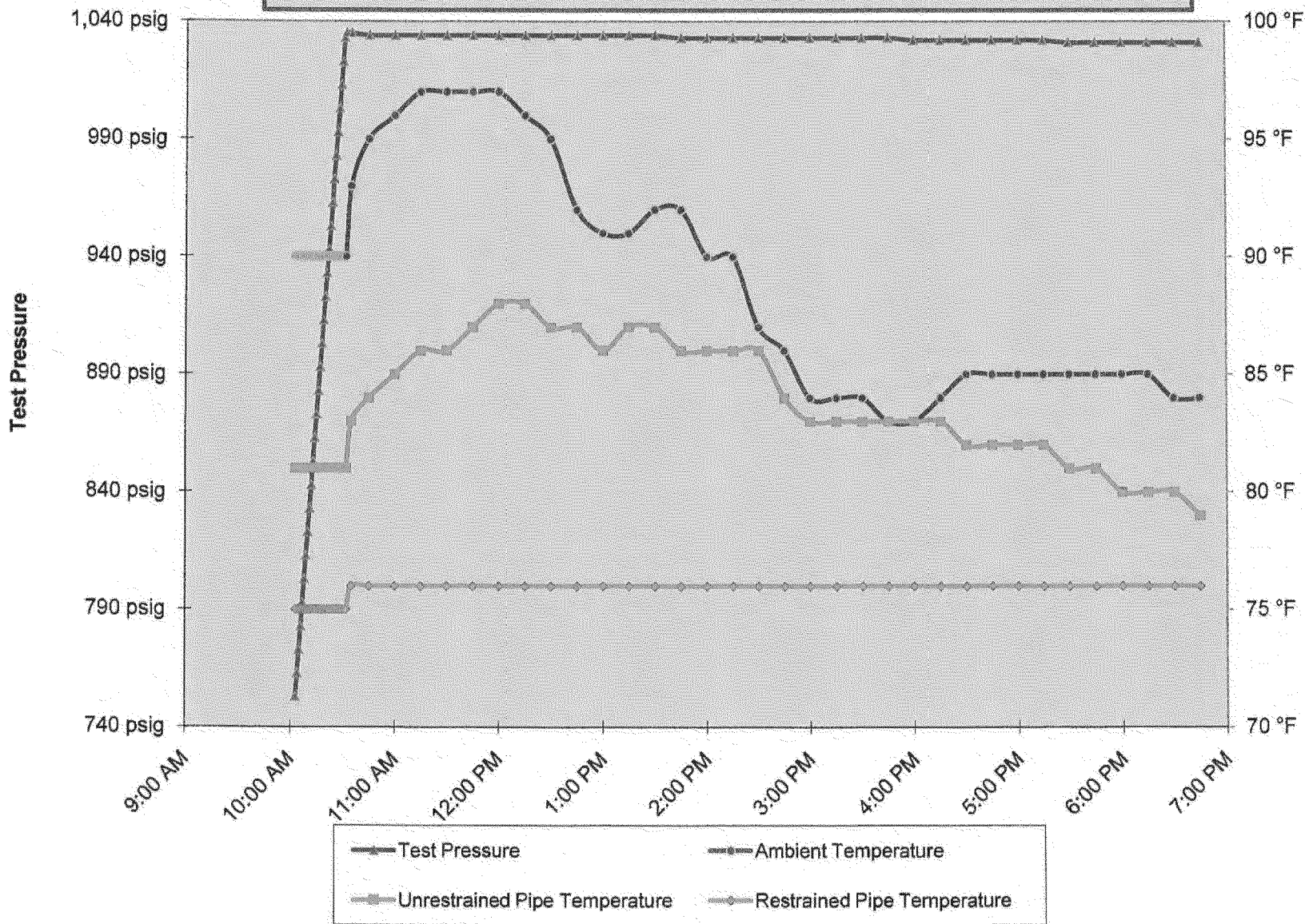
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8/26/2011

PG&E T-80 L-300B, MP 237.49 - 240.56

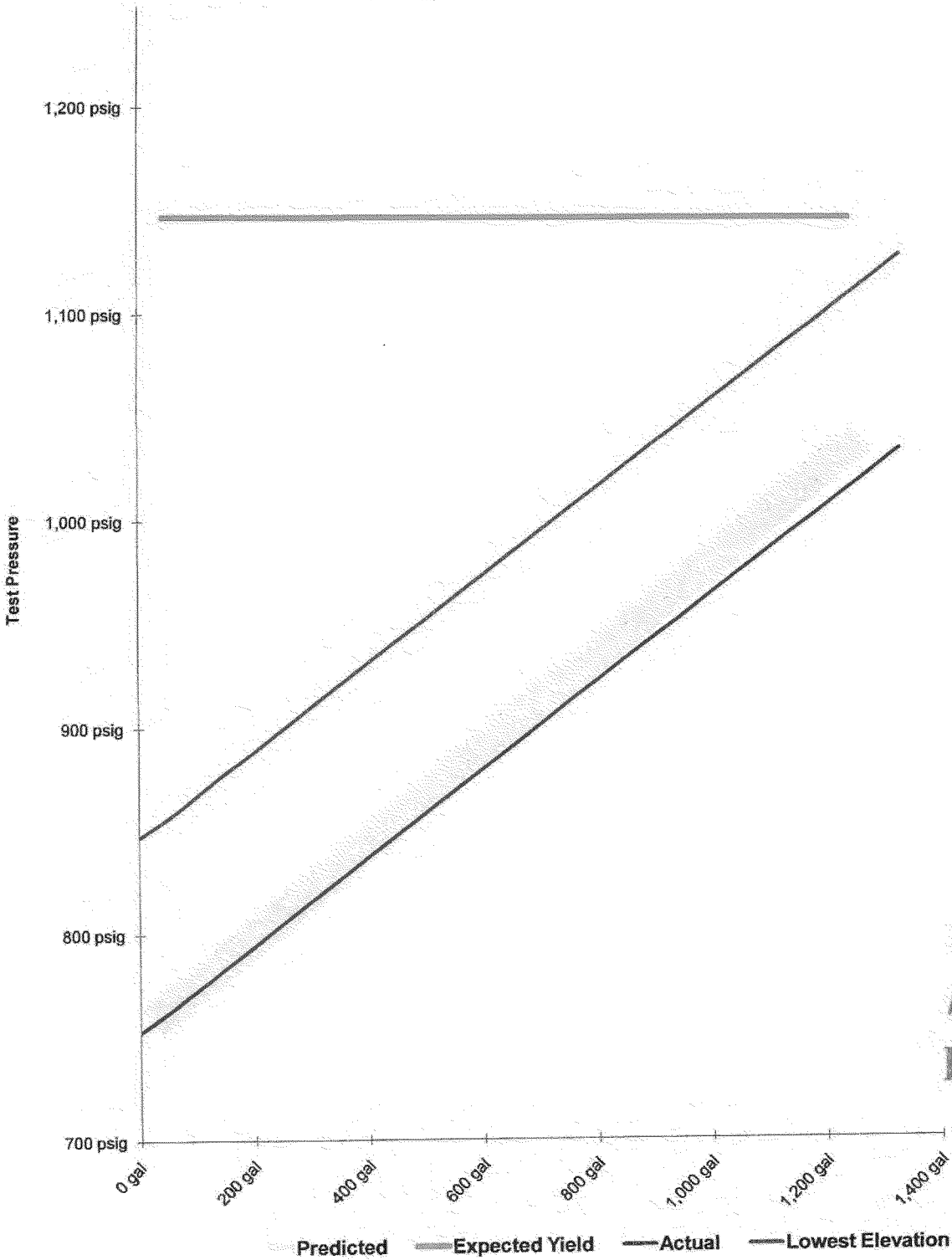


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Spike Pressure Test
Stress Strain Curve -- PG&E T-80 L-300B, MP 237.49 - 240.56



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