



RCP, Inc

801 Louisiana, Ste.200
Houston, Texas 77002

Redacted

August 10, 2011

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

Test Contractor: Milbar Hydro-test Incorporated -- FY12-112
Asset Owner: Pacific Gas and Electric Company -- 41497318
Construction Contractor: Snelson -- 41474005-T-60
Test Section: PG&E T-60 Line 300A, MP 256.22 - 257.0763
Test Date: August 9, 2011
Certificate Number: RCP 61362 - T-60, L-300A MP 256.22 - 257.0763

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 Incorporated met the requirements of the Code of Federal Regulations, Title 49, Part 192, Subpart J (Class 1).

The test segment was subjected to a spike pressure test of 1041 psig for 30 minutes, without observed leakage or yielding of the pipe segment. The 30 minute spike test and subsequent pressure reduction with volume bleed was included and is part of the 8.5 hour test duration period.

This hydrostatic test was completed successfully. Pressure was maintained on the test facilities in excess of 8.5 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 967 psig and the established MAOP is 879 psig.

Pressure decreased 71 psi during the test. 12,480.81 ounces of fluid was intentionally released from the test section. Net corrected volumetric change from beginning of the test to the end of the test is calculated to be 2,009.67 ounces, loss, which is equivalent to a 0.53 °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,

Redacted

cc. file

C:\Users\Redac\Documents\PG&E Pressure tests\T-60\
RCP 61362 L-300A MP 256.22-257.0763a

Letter



Hydrostatic Test Certification

Company	Pacific Gas and Electric Company	Job Number	41497318
Construction Co.	Snelson	Job Number	41474005-T-60
Hydro. Test Co.	Milbar Hydro-test Incorporated	Project No.	FY12-112
Test Section	PG&E T-60 Line 300A, MP 256.22 - 257.0763		
File Name	RCP 61362 - T-60, L-300A MP 256.22 - 257.0763		

Hydrostatic Test Pressure

APPLICABLE CODE FOR CERTIFICATION:

Test Date:

9-Aug-11

Code of Federal Regulations, Title 49, Part 192, Subpart J (Class 1)

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-60 Line 300A, MP 256.22 - 257.0763

From: 0+00

To: 45+18

Pipe Data

Segment	Length	Diameter	Wall Thickness	Specification	100% SMYS
1	25 ft	34.000 in.	0.505 in.	API5L-X60, DSAW, Arc Weld, Steel	1,782 psi
2	51 ft	34.000 in.	0.375 in.	API5L-X65, DSAW, Arc Weld, Steel	1,434 psi
3	4,510 ft	34.000 in.	0.375 in.	API5L-X52, DSAW, Arc Weld, Steel	1,147 psi
4	44 ft	34.000 in.	0.500 in.	API5L-X60, DSAW, Arc Weld, Steel	1,765 psi

Initial Test Conditions

Pressure at Test Point:	1,038 psig	Date/Time:	8/9/11 11:30 AM	Pipe Temperature	
Ambient Temperature:	91.0 °F	Elevation @ Test Point:	455.0 ft	Unrestrained:	86.0 °F
Pressure @ High Point (Cal/Measure):	1,038 psig	Elevation @ High Point:	455.0 ft	Restrained:	87.0 °F
Pressure @ Low Point (Cal/Measure):	1,053 psig	Elevation @ Low Point:	421.0 ft	Location:	0+00
				Location:	0+00
				Location:	45+18

Final Test Conditions

Pressure at Test Point:	967 psig	Date/Time:	8/9/11 8:00 PM	Pipe Temperature	
Ambient Temperature:	84.0 °F	Elevation @ Test Point:	455.0 ft	Unrestrained:	85.0 °F
Pressure @ High Point (Cal/Measure):	967 psig	Elevation @ High Point:	455.0 ft	Restrained:	88.0 °F
Pressure @ Low Point (Cal/Measure):	982 psig	Elevation @ Low Point:	421.0 ft	Location:	0+00
				Location:	0+00
				Location:	45+18

Total Fluid Injected:		Volume loss	
Total Fluid Withdrawn:	12480.81 fluid ounces		
Net Change in Volume of the Test Section ± (+ Gain, - Loss):	(2,009.67) oz	loss	(0.0075)% (0.535) °F equivalent

Test Duration: 8.50 hours

Minimum Test Pressure:	963 psig	963 psig	978 psig
Maximum Test Pressure:	1,039 psig	1,039 psig	1,054 psig
% SMYS :	90.6%	90.6%	91.9%

Minimum Test Pressure (Calculated/Measured): 967 psig

Maximum Allowable Operating Pressure:

DOT Part 192

Test Factor= 1.10

879 psig

Were leaks observed?	No	Explain:
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Acceptable Hydrostatic Test?	Yes	<p>The test segment was subjected to a spike pressure test of 1041 psig for 30 minutes, without observed leakage or yielding of the pipe segment. The 30 minute spike test and subsequent pressure reduction with volume bleed was included and is part of the 8.5 hour test duration period.</p> <p>No leaks were observed during the test period. The test section included 4,510 feet of buried and 120 feet of exposed pipe. Pressure lost 71 psi during the test. The buried pipe segment gained 1°F fluid temperature and the exposed pipe segment lost 1°F.</p> <p>12,480.81 ounces of fluid was intentionally released from the test section Net corrected volumetric change from beginning of the test to the end of the test is calculated to be 2,009.67 ounces, loss, which is equivalent to a 0.53 °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>
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Remarks	
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Dedacted

10-Aug-11



Dead Weight Log Sheet

Owner Company	Pacific Gas and Electric Company	Job Number	41497318
Construction Co.	Snelson	Job Number	41474005-T-60
Testing Co.	Milbar Hydro-test Incorporated	Project No.	FY12-112
Test Section	PG&E T-60 Line 300A, MP 256.22 - 257.0763		
File Name	RCP 61362 - T-60, L-300A MP 256.22 - 257.0763		

Date		9-Aug-11		Test Log					
Log No.	Test Period		Test Pressure	Temperature °F			Remarks		
	Date	Time		Ambient	Pipe		Comment	Bleed	Inject
					Unrestrained	Restrained			
1	8/9/11	11:00 AM	710 psig	91 °F	85 °F	87 °F	Start Spike		
2	8/9/11	11:00 AM	720 psig	91 °F	85 °F	87 °F	Inject		1,692 oz.
3	8/9/11	11:00 AM	730 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
4	8/9/11	11:00 AM	740 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
5	8/9/11	11:00 AM	750 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
6	8/9/11	11:00 AM	760 psig	91 °F	85 °F	87 °F	Inject		1,692 oz.
7	8/9/11	11:01 AM	770 psig	91 °F	85 °F	87 °F	Inject		1,551 oz.
8	8/9/11	11:02 AM	780 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
9	8/9/11	11:03 AM	790 psig	91 °F	85 °F	87 °F	Inject		1,692 oz.
10	8/9/11	11:04 AM	800 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
11	8/9/11	11:05 AM	810 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
12	8/9/11	11:06 AM	820 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
13	8/9/11	11:07 AM	830 psig	91 °F	85 °F	87 °F	Inject		1,692 oz.
14	8/9/11	11:08 AM	840 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
15	8/9/11	11:09 AM	850 psig	91 °F	85 °F	87 °F	Inject		1,692 oz.
16	8/9/11	11:10 AM	860 psig	91 °F	85 °F	87 °F	Inject		1,692 oz.
17	8/9/11	11:11 AM	870 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
18	8/9/11	11:12 AM	880 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
19	8/9/11	11:13 AM	890 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
20	8/9/11	11:14 AM	900 psig	91 °F	85 °F	87 °F	Inject		1,551 oz.
21	8/9/11	11:15 AM	910 psig	91 °F	85 °F	87 °F	Inject		1,692 oz.
22	8/9/11	11:16 AM	920 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
23	8/9/11	11:17 AM	930 psig	91 °F	85 °F	87 °F	Inject		1,692 oz.
24	8/9/11	11:18 AM	940 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
25	8/9/11	11:19 AM	950 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
26	8/9/11	11:20 AM	960 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
27	8/9/11	11:21 AM	970 psig	91 °F	85 °F	87 °F	Inject		1,692 oz.
28	8/9/11	11:22 AM	980 psig	91 °F	85 °F	87 °F	Inject		1,692 oz.
29	8/9/11	11:23 AM	990 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
30	8/9/11	11:24 AM	1,000 psig	91 °F	85 °F	87 °F	Inject		1,692 oz.
31	8/9/11	11:25 AM	1,010 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
32	8/9/11	11:26 AM	1,020 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
33	8/9/11	11:27 AM	1,030 psig	91 °F	85 °F	87 °F	Inject		1,692 oz.
34	8/9/11	11:28 AM	1,035 psig	91 °F	85 °F	87 °F	Inject		1,622 oz.
35	8/9/11	11:29 AM	1,038 psig	91 °F	85 °F	87 °F	Inject		141 oz.
36	8/9/11	11:30 AM	1,038 psig	91 °F	86 °F	87 °F	On Test		
37	8/9/11	11:40 AM	1,038 psig	91 °F	86 °F	87 °F			
38	8/9/11	11:50 AM	1,038 psig	91 °F	86 °F	87 °F			
39	8/9/11	12:00 PM	1,039 psig	91 °F	87 °F	87 °F	End Spike		
40	8/9/11	12:04 PM	1,029 psig	91 °F	87 °F	87 °F		1,642 oz.	
41	8/9/11	12:08 PM	1,019 psig	91 °F	87 °F	87 °F		1,642 oz.	
42	8/9/11	12:12 PM	1,009 psig	91 °F	87 °F	87 °F		1,642 oz.	
43	8/9/11	12:16 PM	999 psig	91 °F	87 °F	87 °F		1,642 oz.	



Dead Weight Log Sheet

Owner Company	Pacific Gas and Electric Company	Job Number	41497318
Construction Co.	Snelson	Job Number	41474005-T-60
Testing Co.	Milbar Hydro-test Incorporated	Project No.	FY12-112
Test Section	PG&E T-60 Line 300A, MP 256.22 - 257.0763		
File Name	RCP 61362 - T-60, L-300A MP 256.22 - 257.0763		

Date	9-Aug-11	<h2>Test Log</h2>

Log No.	Test Period		Test Pressure	Temperature °F			Remarks		
	Date	Time		Ambient	Pipe		Comment	Bleed	Inject
					Unrestrained	Restrained			
44	8/9/11	12:20 PM	989 psig	91 °F	87 °F	87 °F		1,642 oz.	
45	8/9/11	12:24 PM	979 psig	91 °F	87 °F	87 °F		1,642 oz.	
46	8/9/11	12:27 PM	969 psig	91 °F	87 °F	87 °F		1,642 oz.	
47	8/9/11	12:29 PM	963 psig	91 °F	87 °F	87 °F		985 oz.	
48	8/9/11	12:30 PM	963 psig	92 °F	88 °F	88 °F			
49	8/9/11	12:45 PM	963 psig	92 °F	88 °F	88 °F			
50	8/9/11	1:00 PM	963 psig	92 °F	88 °F	88 °F			
51	8/9/11	1:15 PM	964 psig	92 °F	89 °F	89 °F			
52	8/9/11	1:30 PM	964 psig	92 °F	90 °F	90 °F			
53	8/9/11	1:45 PM	964 psig	92 °F	90 °F	90 °F	Sun Shine		
54	8/9/11	2:00 PM	964 psig	93 °F	90 °F	90 °F			
55	8/9/11	2:15 PM	965 psig	93 °F	90 °F	91 °F			
56	8/9/11	2:30 PM	965 psig	93 °F	90 °F	92 °F			
57	8/9/11	2:45 PM	965 psig	93 °F	90 °F	91 °F	Hot		
58	8/9/11	3:00 PM	965 psig	93 °F	91 °F	90 °F			
59	8/9/11	3:15 PM	966 psig	93 °F	91 °F	90 °F			
60	8/9/11	3:30 PM	966 psig	93 °F	91 °F	90 °F	Sun Shine		
61	8/9/11	3:45 PM	966 psig	94 °F	91 °F	90 °F	Hot		
62	8/9/11	4:00 PM	966 psig	94 °F	91 °F	90 °F			
63	8/9/11	4:15 PM	967 psig	94 °F	91 °F	90 °F			
64	8/9/11	4:30 PM	967 psig	95 °F	91 °F	90 °F	Hot		
65	8/9/11	4:45 PM	967 psig	95 °F	91 °F	90 °F			
66	8/9/11	5:00 PM	967 psig	95 °F	91 °F	90 °F	Sun Shine		
67	8/9/11	5:15 PM	967 psig	95 °F	91 °F	90 °F	Hot		
68	8/9/11	5:30 PM	967 psig	96 °F	91 °F	90 °F			
69	8/9/11	5:45 PM	967 psig	96 °F	90 °F	89 °F			
70	8/9/11	6:00 PM	968 psig	97 °F	90 °F	89 °F			
71	8/9/11	6:15 PM	968 psig	96 °F	89 °F	89 °F			
72	8/9/11	6:30 PM	968 psig	96 °F	89 °F	89 °F	Hot		
73	8/9/11	6:45 PM	968 psig	96 °F	88 °F	89 °F			
74	8/9/11	7:00 PM	967 psig	94 °F	87 °F	89 °F			
75	8/9/11	7:15 PM	967 psig	92 °F	87 °F	89 °F			
76	8/9/11	7:30 PM	967 psig	90 °F	86 °F	88 °F			
77	8/9/11	7:45 PM	967 psig	87 °F	85 °F	88 °F			
78	8/9/11	8:00 PM	967 psig	84 °F	85 °F	88 °F	End of Test		
							Spike Test		54,357.2 oz.
							Hydrostatic Test	12,480.8 oz.	

Were leaks observed during the test period?	Exposed and buried pipe, no leaks observed.	<table border="1"> <tr> <td>High Test Pressure:</td> <td>1,039 psig</td> </tr> <tr> <td>Low Test Pressure:</td> <td>963 psig</td> </tr> </table>	High Test Pressure:	1,039 psig	Low Test Pressure:	963 psig
High Test Pressure:	1,039 psig					
Low Test Pressure:	963 psig					



Pipe Segment Volume Calculations

Company	Pacific Gas and Electric Company	Job Number	41497318
Construction Co.	Snelson	Job Number	41474005-T-60
Hydro. Test Co.	Milbar Hydro-test Incorporated	Project No.	FY12-112
Test Section	PG&E T-60 Line 300A, MP 256.22 - 257.0763	WATER	
File Name	RCP 61362 - T-60, L-300A MP 256.22 - 257.0763		

General Pipe Data

Description	Segment							
	1	2	3	4				
Restrained or Unrestrained?	Unrestrained	Unrestrained	Restrained	Unrestrained				
Outside Diameter	34.000 in.	34.000 in.	34.000 in.	34.000 in.				
Wall Thickness	0.505 in.	0.375 in.	0.375 in.	0.500 in.				
Inside Diameter	32.990 in.	33.250 in.	33.250 in.	33.000 in.				
Spec./Grade	API5L-X60	API5L-X65	API5L-X52	API5L-X60				
Length Unrestrained	25 ft	51 ft		44 ft				
Length Restrained			4,510 ft					
Temperature -- On Test	86 °F	86 °F	87.0 °F	86.0 °F				
Temperature -- End of Test	85 °F	85 °F	88.0 °F	85.0 °F				
Pressure -- On Test	1,038 psig	1,038 psig	1,038 psig	1,038 psig				
Pressure -- End of Test	967 psig	967 psig	967 psig	967 psig				

Unrestrained Pipe

Sum:	Vo	5,347.55 gal 684,486 oz.	Vtp1	5,366.54 gal 686,917 oz.	Vtp2	5,365.04 gal 686,726 oz.
Vo Unrestrained	1,106 gal	2,287 gal	1,955 gal			
Fwp 1	1.003181	1.003181	1.003181			
Fpp 1	1.002825	1.003835	1.002855			
Fpt 1	1.000473	1.000473	1.000473			
Fwt 1	1.003373	1.003373	1.003373			
Fpwt 1 = Fpt/Fwt	0.997110	0.997110	0.997110			
Vtp 1 = Vo(Fwp)(Fpp)(Fpwt)	1,109.10 gal	2,296.33 gal	1,961.10 gal			
Fwp 2	1.002963	1.002963	1.002963			
Fpp 2	1.002632	1.003573	1.002659			
Fpt 2	1.000455	1.000455	1.000455			
Fwt 2	1.003192	1.003192	1.003192			
Fpwt = Fpt/Fwt	0.997272	0.997272	0.997272			
Vtp = Vo(Fwp)(Fpp)(Fpwt)	1,108.83 gal	2,295.61 gal	1,960.61 gal			

Restrained Pipe

Sum:	Vo	203,431.87 gal 26,039,279 oz.	Vtp1	204,009.74 gal 26,113,246 oz.	Vtp2	203,898.02 gal 26,098,947 oz.
Vo Unrestrained		203,432 gal				
Fwp 1		1.003181				
Fpp 1		1.002889				
Fpt 1		1.000327				
Fwt 1		1.003557				
Fpwt 1 = Fpt/Fwt		0.996781				
Vtp 1 = Vo(Fwp)(Fpp)(Fpwt)		204,010 gal				
Fwp 2		1.002963				
Fpp 2		1.002702				
Fpt 2		1.000339				
Fwt 2		1.003713				
Fpwt = Fpt/Fwt		0.996638				
Vtp = Vo(Fwp)(Fpp)(Fpwt)		203,898 gal				

Combined Pipe

Sum:	Vo	208,779.42 gal 26,723,765 oz.	Vtp1	209,376.27 gal 26,800,163 oz.	Vtp2	209,263.07 gal 26,785,672 oz.
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Pipe Segment Volume Allowance Calculations

Company	Pacific Gas and Electric Company	Job Number	41497318
Construction Co.	Snelson	Job Number	41474005-T-60
Hydro. Test Co.	Milbar Hydro-test Incorporated	Project No.	FY12-112
Test Section	PG&E T-60 Line 300A, MP 256.22 - 257.0763	WATER	
File Name	RCP 61362 - T-60, L-300A MP 256.22 - 257.0763		

General Pipe Data									
Description	Segment								
	1	2	3	4					
Restrained or Unrestrained?	Unrestrained	Unrestrained	Restrained	Unrestrained					
Outside Diameter	34.000 in.	34.000 in.	34.000 in.	34.000 in.					
Wall Thickness	0.505 in.	0.375 in.	0.375 in.	0.500 in.					
Inside Diameter	32.990 in.	33.250 in.	33.250 in.	33.000 in.					
Spec./Grade	API5L-X60	API5L-X65	API5L-X52	API5L-X60					
Length Unstrained	24.90 ft	50.70 ft		44 ft					
Length Restrained			4,510 ft						
Temperature -- On Test	85 °F	85 °F	87 °F	85 °F					
Temperature -- End of Test	86 °F	86 °F	88 °F	86 °F					
Pressure -- On Test	1,002 psig	1,002 psig	1,002 psig	1,002 psig					
Pressure -- End of Test	1,002 psig	1,002 psig	1,002 psig	1,002 psig					

Unrestrained Pipe									
Sum:	Vo			Vtp1			Vtp2		
		5,347.55 gal			5,366.21 gal			5,365.34 gal	
		684,486 oz.			686,875 oz.			686,763 oz.	
Vo Unrestrained	1,106 gal	2,287 gal		1,955 gal					
Fwp 1	1.003070	1.003070		1.003070					
Fpp 1	1.002727	1.003702		1.002756					
Fpt 1	1.000455	1.000455		1.000455					
Fwt 1	1.003192	1.003192		1.003192					
Fpwt 1 = Fpt/Fwt	0.997272	0.997272		0.997272					
Vtp 1 = Vo(Fwp)(Fpp)(Fpwt)	1,109.05 gal	2,296.15 gal		1,961.01 gal					
Fwp 2	1.003070	1.003070		1.003070					
Fpp 2	1.002727	1.003702		1.002756					
Fpt 2	1.000473	1.000473		1.000473					
Fwt 2	1.003373	1.003373		1.003373					
Fpwt = Fpt/Fwt	0.997110	0.997110		0.997110					
Vtp = Vo(Fwp)(Fpp)(Fpwt)	1,108.87 gal	2,295.78 gal		1,960.69 gal					

Restrained Pipe									
Sum:	Vo			Vtp1			Vtp2		
		203,431.87 gal			203,967.54 gal			203,939.03 gal	
		26,039,279 oz.			26,107,845 oz.			26,104,196 oz.	
Vo Restrained			203,432 gal						
Fwp 1			1.003070						
Fpp 1			1.002792						
Fpt 1			1.000327						
Fwt 1			1.003557						
Fpwt 1 = Fpt/Fwt			0.996781						
Vtp 1 = Vo(Fwp)(Fpp)(Fpwt)			203,968 gal						
Fwp 2			1.003070						
Fpp 2			1.002796						
Fpt 2			1.000339						
Fwt 2			1.003713						
Fpwt = Fpt/Fwt			0.996638						
Vtp = Vo(Fwp)(Fpp)(Fpwt)			203,939 gal						

Combined Pipe									
Sum:	Vo			Vtp1			Vtp2		
		208,779.42 gal			209,333.75 gal			209,304.37 gal	
		26,723,765 oz.			26,794,719 oz.			26,790,960 oz.	
1 °F Change	29.37 gal		3,759.77 oz.						



Hydrostatic Test Pipe Data Table

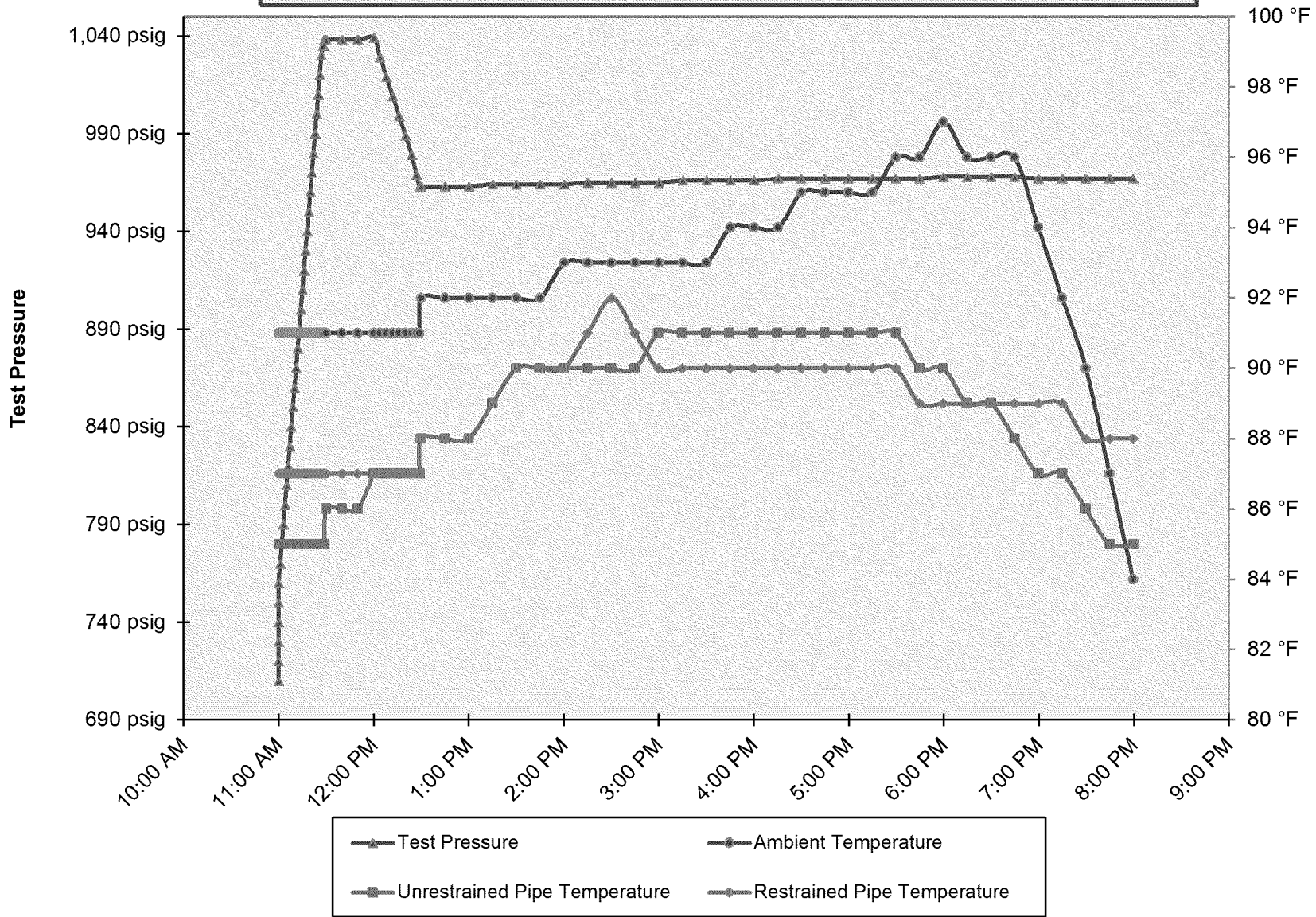
Pipe Type	Length	Restrained / Unrestrained	Outside Diameter	Wall Thickness	Specification & Grade	Pipe Yield Pressure	Material	Joint Type	Seam Type
1	25 ft	Unrestrained	34.000 in.	0.5050 in.	API5L-X60	1,782 psig	Steel	Arc Weld	DSAW
2	51 ft	Unrestrained	34.000 in.	0.3750 in.	API5L-X65	1,434 psig	Steel	Arc Weld	DSAW
3	4,510 ft	Restrained	34.000 in.	0.3750 in.	API5L-X52	1,147 psig	Steel	Arc Weld	DSAW
4	44 ft	Unrestrained	34.000 in.	0.5000 in.	API5L-X60	1,765 psig	Steel	Arc Weld	DSAW

Hydrostatic Test Project Owner & Participants

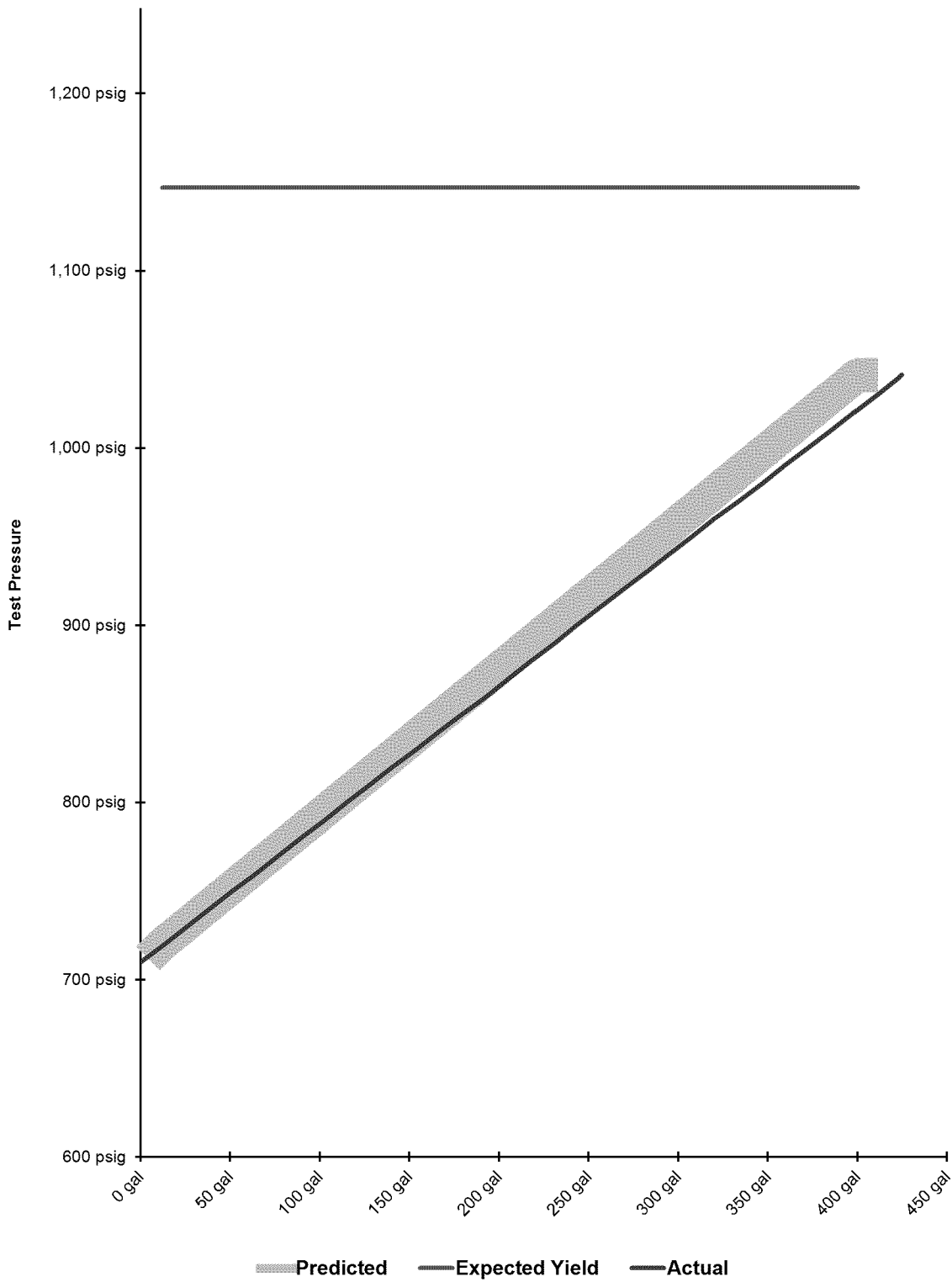
Owner Company	Pacific Gas and Electric Company	Job Number
Address	350 N. Wiget Walnut Creek, CA 94598 Attention: Redacted	41497318
Construction Company	Snelson	Job Number
Address	601 West State Street Sedro-Woolley WA 98284 Attention: Redacted	41474005-T-60
Hydrostatic Test Co.	Milbar Hydro-test Incorporated	Project No.
Address	P.O. Box 7701 Shreveport, Louisiana 71137-7701	FY12-112
Test Section	PG&E T-60 Line 300A, MP 256.22 - 257.0763 From: 0+00 To: 45+18	
File Name	RCP 61362 - T-60, L-300A MP 256.22 - 257.0763	

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	8/9/11 11:30 AM	Elevation at Test Point	455 ft	Min. Required Test Press At Test Point (1)	947.00 psig	Max. Allowable Test Press at Test Point (4)	1,045.27 psig
Time and Date Test Ended	8/9/11 8:00 PM	Max. Elevation in Test Section	455 ft	Min. Indicated Test Pressure (2)	963.00 psig	Max. Indicated Test Pressure (5)	1,039.00 psig
Actual Duration of Test	8 hours 30 minutes	Min. Elevation in Test Section	421 ft	Min. Test Pressure at Max. Elevation (3)	963.00 psig	Max. Test Pressure at Min. Elevation (6)	1,053.73 psig

PG&E T-60 Line 300A, MP 256.22 - 257.0763



Spike Pressure Test
Stress Strain Curve -- PG&E T-60 Line 300A, MP 256.22 - 257.0763

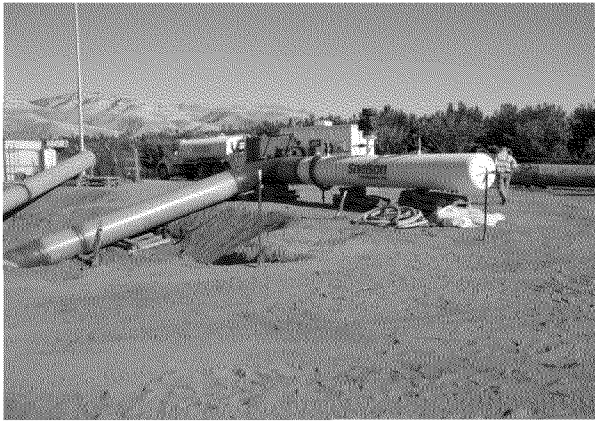




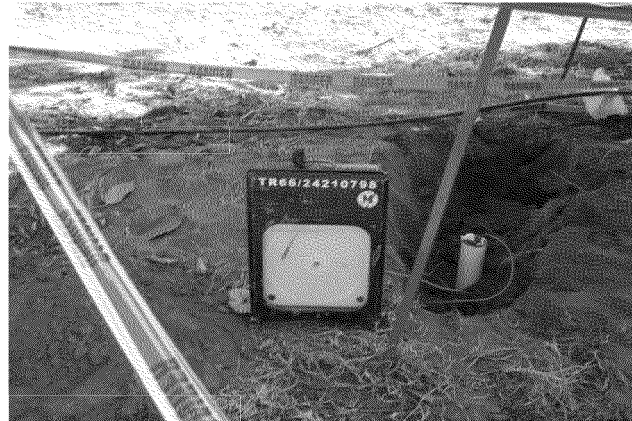
Test Header B



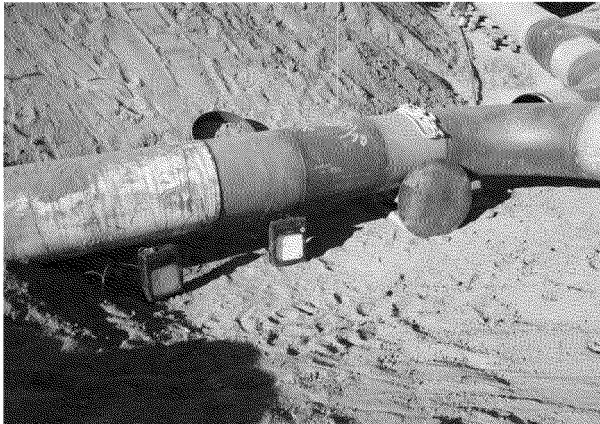
Test Header Test Tree



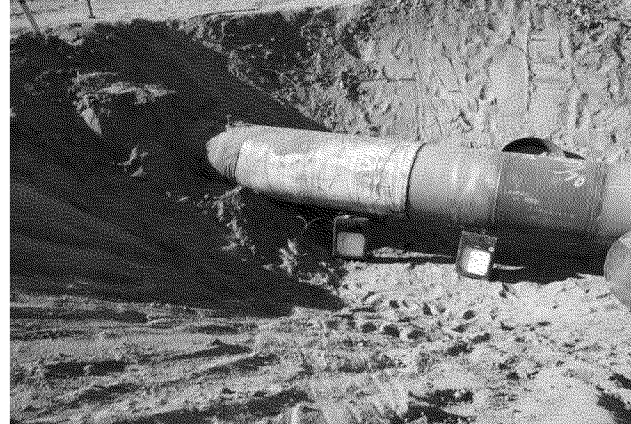
Test Header B



Restrained Temp. Recorder



Unrestrained Temp Recorder



Back up Restrained Temp Recorder



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