RCP

Actual Pressure Volume Plot Data			Predicted Pressure Volume Plot Data	Slope	
Pressure	Strokes	Gallons	Gallons	Actual	Predicted
760 psig	0	0.00 gal		0	0.00 gal
770 psig	56	29.51 gal	29.86 gal	2.951	2.986
780 psig	117	61.65 gal	59.71 gal	3.214	2.986
790 psig	172	90.64 gal	89.57 gal	2.898	2.986
800 psig	233	122.78 gal	119.43 gal	3.214	2.986
810 psig	289	152.29 gal	149.30 gal	2.951	2.986
820 psig	348	183.38 gal	179.16 gal	3.109	2.986
830 psig	404	212.89 gal	209.03 gal	2.951	2.987
840 psig	462	243.45 gal	238.90 gal	3.056	2.987
850 psig	520	274.02 gal	268.77 gal	3.056	2.987
860 psig	577	304.05 gal	298.64 gal	3.004	2.987
870 psig	636	335.14 gal	328.51 gal	3.109	2.987
880 psig	692	364.65 gal	358.39 gal	2.951	2.988
890 psig	749	394.69 gal	388.26 gal	3.004	2.988
900 psig	806	424.72 gal	418.14 gal	3.004	2.988
910 psig	864	455.29 gal	448.03 gal	3.056	2.988
920 psig	922	485.85 gal	477.91 gal	3.056	2.988
930 psig	979	515.89 gal	507.79 gal	3.004	2.988
940 psig	1036	545.92 gal	537.68 gal	3.004	2.989
950 psig	1096	577.54 gal	567.57 gal	3.162	2.989
960 psig	1154	608.10 gal	597.46 gal	3.056	2.989
970 psig	1211	638.14 gal	627.35 gal	3.004	2.989
980 psig	1268	668.18 gal	657.24 gal	3.004	2.989
990 psig	1327	699.27 gal	687.14 gal	3.109	2.990
1,000 psig	1384	729.30 gal	717.04 gal	3.004	2.990
1,010 psig	1442	759.87 gal	746.94 gal	3.056	2.990
1,020 psig	1499	789.90 gal	776.84 gal	3.004	2.990
1,030 psig	1557	820.47 gal	806.74 gal	3.056	2.990
1,040 psig	1614	850.50 gal	836.65 gal	3.004	2.990
1,050 psig	1672	881.07 gal	866.55 gal	3.056	2.991
1,060 psig	1730	911.63 gal	896.46 gal	3.056	2.991
1,070 psig	1787	941.67 gal	926.37 gal	3.004	2.991
1,080 psig	1845	972.23 gal	956.28 gal	3.056	2.991
1,090 psig	1901	1,001.74 gal	986.20 gal	2.951	2.991
1,100 psig	1959	1,032.30 gal	1,016.11 gal	3.056	2.992
1,110 psig	2018	1,063.39 gal	1,046.03 gal	3.109	2.992
1,115 psig	2048	1,079.20 gal	1,060.99 gal	3.162	2.992
1,115 psig		1,079.20 gal	1,060.99 gal	0.000	0.000
1,115 psig		1,079.20 gal	1,060.99 gal	0.000	0.000
1,115 psig		1,079.20 gal	1,060.99 gal	0.000	0.000
1,115 psig		1,079.20 gal	1,060.99 gal	0.000	0.000
1,115 psig		1,079.20 gal	1,060.99 gal	0.000	0.000
1,115 psig		1,079.20 gal	1,060.99 gal	0.000	0.000

Spike Pressure Test
Stress Strain Curve -- PG&E T-72 Line 300A, MP 493.59 - 496.05

Pump gal per stroke	0.551 gal/stroke
Pump Piston Diameter	3.000 in
Pump Piston Stroke	6.00 in
Pump Cylinders	3 ea
Volume check gal per stroke	0.527 gal/stroke
Volume Released (gallons)	30.40 gal
Pressure Reduced (psi)	10 psi
Maximum2	1,140 gal
Minimum2	0 gal
Maximum1	1,424 psig
Minimum1	700 psig
Gallons/Stroke Used	0.527 gal/stroke
Predicted Gallons/Stroke	0.518 gal/stroke
1160	10 psi
Max Pressure	1,115 psig
Buried Pipe Temperature	77 °F
Exposed Pipe Temperature	78 °F

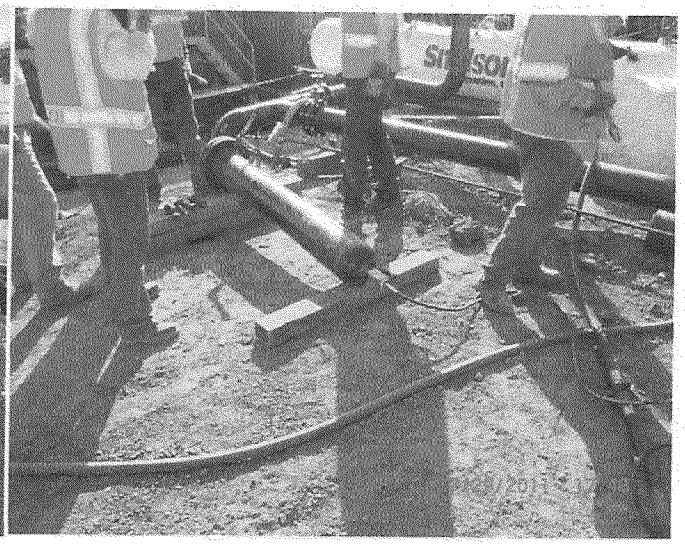
ASME B31.8 Appendix N-5

Average Actual Elastic Slope	3.037
Average Predicted Elastic Slope	2.989
Code Prescribed Minimum Yield Slope (less 10%) B31.8 N-5 (c)(2)	5.770
Established Minimum Yield Pressure B31.8 N-5 (c)(2)	1,115 psig
Maximum Allowed Volume (After Slope Deviation) B31.8 N-5 (c)(2)	418 gal
Volume (After Slope Deviation) B31.8 N-5 (c)(2)	0 gal

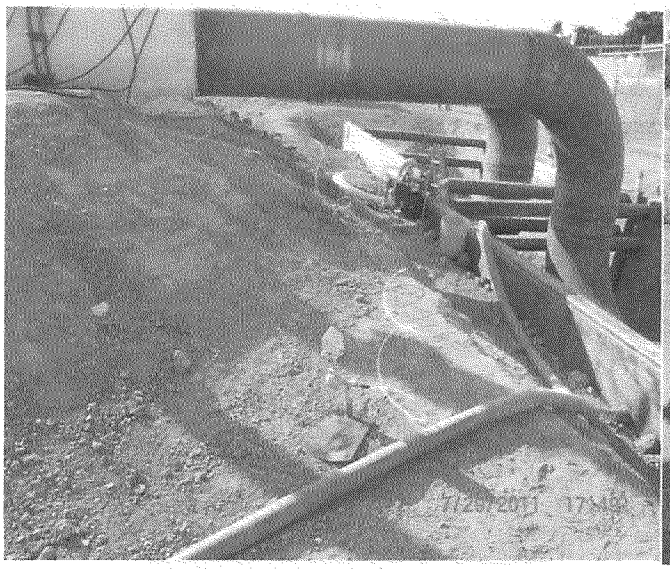
Redacted

8-2-11
Date

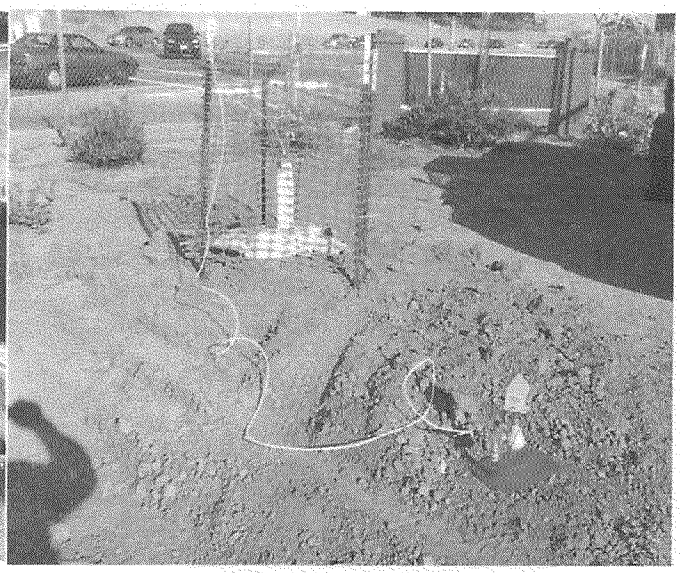
Test Location Test Header



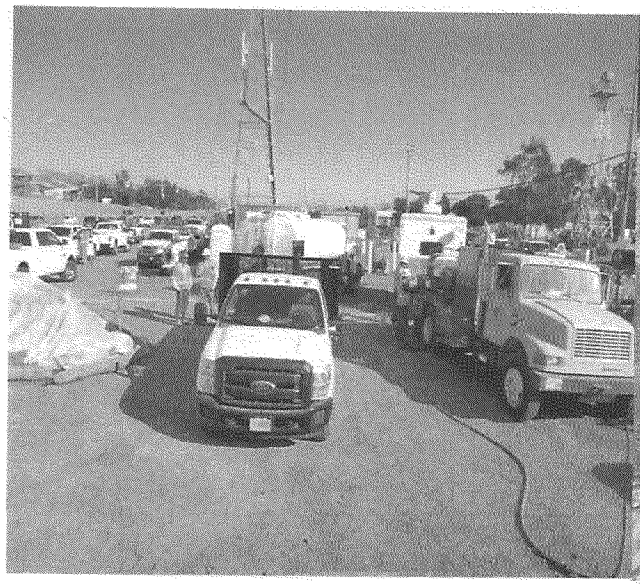
Test Location Test Header Crossover



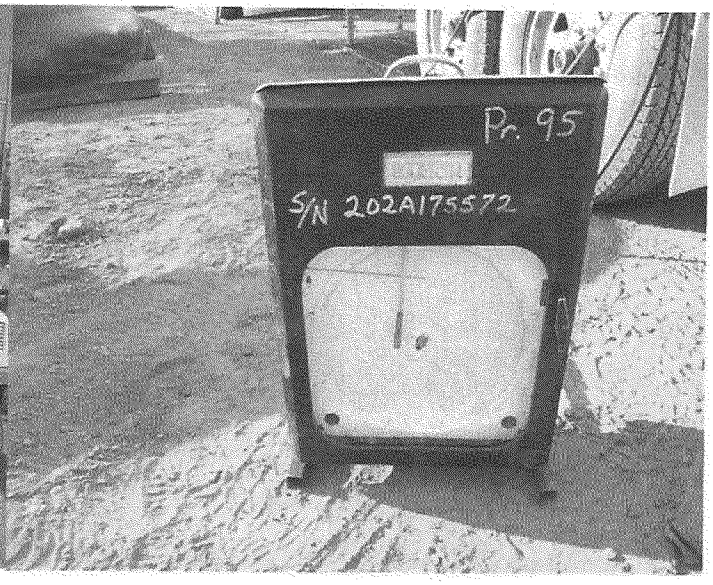
Test location Test Head
Unrestrained Temp. Transmitter



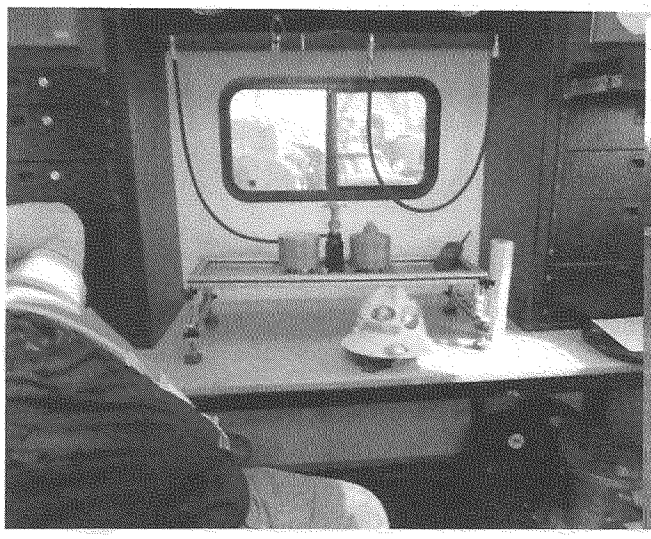
Restrained Temp. Transmitter



Injection pump



Pressure Recorder



Deadweight and Pressure Recorder

End of test segment header

RCP

Hydrostatic Test Log Sheet

Owner Company	Pacific Gas and Eletric	Job Number	41497310
Construction Co.	Snelson	Job Number	41474005 - T72
Testing Co.	MilBar Hydro Test	Job Number	Fy 12-112

Test Section

	Station (0+00)	Elevation (Feet)
Name	L-300A T-72 MP 493.59 — 496.05	
Test Location	0+00	126
Begin	0+00	126
End	129+37	122
High Elevation	0+00	126
Low Elevation	69+10	99

Pipe Data

Section	Length (ft.)	O. D. (in.)	W.T. (in.)	Restrained (ft.)	Unrestrained (ft.)	Grade	Seam/Joint Type
1	52	34	.505		52	X-60	DSAW arcweld
2	15 ~~[illegible]~~	34	.375		15	X-65	DSAW arc weld
3	11,759	34	.500	11759		X-48	DSAW arc weld
4	953.2	34	.380	953		X-60	DSAW arc weld
5	212	34	.505	212		X-60	DSAW arc weld
6	2.4	34	.375		2.4	X-60	DSAW arc weld
7	20	12.75	.375		20	B	SMLS arc weld
8	40	34	.500		40	X65	DSAW arc weld
9							
10							
11							
12							

Test Period	Date	Time	Test Medium	
Begin	8-1-2011	5:25 pm	Water	☒
End	8-2-2011	2:15 Am	Nitrogen	☐
			Other	☐

Test Instrumentation

Description	Calibration Checked	Serial Number	Date Calibrated/Certified	Installation Correct
Dead Weight Pressure Tester		6106	5-14-2011	☑ Yes
Pressure Recorder	☑ Yes	202A-175572	6-7-2011	☑ Yes
Ambient Temperature Recorder	☑ Yes	0A042809	5-20-2011	☑ Yes
Restrained Pipe Temperature Recorder	☑ Yes	0A042809	5-20-2011	☑ Yes
Unrestrained Pipe Temperature Recorder	☑ Yes	0A042809	5-20-2011	☑ Yes

Hydrostatic Test Log

Log No.	Time	Test Pressure (psig)	Temperature (°F) Ambient	Pipe Restrained	Pipe Unrestrained	Volume (☐ Ounces ☑ Gallons) Bleed	Inject	Comments	Model Check: Is test good?
1	11:15 Am	150	72	76	78				
2	3:18 pm	152	77	76	81			Pumping	☑ Yes ☐ No
3	3:52	760	78	76	80		1925	75% 3494 strokes	☑ Yes ☐ No
4	4:07	760	77	77	78				☑ Yes ☐ No
5	4:22	760	77	76	78				☑ Yes ☐ No
6	4:37	760	78	77	78				☑ Yes ☐ No
7	4:52	760	77	77	79				☑ Yes ☐ No
8	4:54	760	78	77	79			Pumping	☑ Yes ☐ No
9	5:25	1115	78	77	79		1128	1st spike 2048 strokes	☑ Yes ☐ No
10	5:35	1115	76	77	78				☑ Yes ☐ No

RCP

Hydrostatic Test Log

Log No.	Time	Test Pressure (psig)	Temperature (°F)			Volume		Comments	Model Check: Is test good?
			Ambient	Pipe		☐ Ounces ☑ Gallons			
				Restrained	Unrestrained	Bleed	Inject		
11	5:45	1115	77	77	78				☑ Yes ☐ No
12	5:55	1115	77	77	77				☑ Yes ☐ No
13	5:57	1115	77	77	77			Bleed to Test	☑ Yes ☐ No
14	6:15	1105	76	77	77	39.4		10 pounds Bleed	☑ Yes ☐ No
15	6:21	1105	76	77	77			Bleed to Test	☑ Yes ☐ No
16	6:25	1031	76	77	77	248.2		at Pressure	☑ Yes ☐ No
17	6:30	1031	76	77	77				☑ Yes ☐ No
18	6:45	1031	75	76	78				☑ Yes ☐ No
19	7:00	1031	74	77	78				☑ Yes ☐ No
20	7:15	1031	73	77	77				☑ Yes ☐ No
21	7:30	1031	73	77	77				☑ Yes ☐ No
22	7:45	1031	72	77	77				☑ Yes ☐ No
23	8:00	1031	70	77	76				☑ Yes ☐ No
24	8:15	1031	69	77	76				☑ Yes ☐ No
25	8:30	1030	68	77	75				☑ Yes ☐ No
26	8:45	1030	68	77	75				☑ Yes ☐ No
27	9:00	1030	67	77	74				☑ Yes ☐ No
28	9:15	1030	67	77	74				☑ Yes ☐ No
29	9:30	1030	66	77	74				☑ Yes ☐ No
30	9:45	1030	66	77	74				☑ Yes ☐ No
31	10:00	1029	65	77	73				☑ Yes ☐ No
32	10:15	1029	65	77	73				☑ Yes ☐ No
33	10:30	1029	65	77	73				☑ Yes ☐ No
34	10:45	1029	64	77	73				☑ Yes ☐ No
35	11:00	1029	64	77	73				☑ Yes ☐ No
36	11:15	1029	63	76	73				☑ Yes ☐ No
37	11:30	1029	63	77	72				☑ Yes ☐ No
38	11:45	1029	63	76	72				☑ Yes ☐ No
39	18:00	1029	62	77	72				☑ Yes ☐ No
40	12:15	1029	62	76	72				☑ Yes ☐ No
41	12:30	1029	62	76	72				☑ Yes ☐ No
42	12:45	1028	62	76	71				☑ Yes ☐ No
43	1:00	1028	61	76	71				☑ Yes ☐ No
44	1:15	1028	61	76	71				☑ Yes ☐ No
45	1:30	1028	60	76	71				☑ Yes ☐ No
46	1:45	1028	60	76	71				☑ Yes ☐ No
47	2:00	1028	60	76	71				☑ Yes ☐ No
48	2:15	1028	60	76	71			End Test	☑ Yes ☐ No

Was a leak observed during test Period? ☐ Yes ☐ No

If "Yes", Explain:

High Test Pressure: 1115

Low Test Pressure: 1028

Certification:

Test Supervisor: Redacted Signature

Date: 8-2-11

Company Representative: Redacted Signature

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PG&E

Pacific Gas and Electric Company

Gas Pipeline Facilities Strength Test Pressure Report

(For Pipeline Facilities Designed to Operate over 100 PSIG)

62-4921 (Rev. 2/04)
California Gas Transmission
(Use in Accordance with Gas Standard A-34 and GO 112-D)

PART I - DESIGN DATA (TO BE PREPARED BY PROJECT ENGINEER)

Feeder Main Number, Line Number, or Station Name	Area	Division/District	Job Number	Date Job Authorized
L-300A	3	San Jose	41497310	6/24/11

Description of Job -- Include Reference Drawing Numbers, and Pipeline Mileposts

TEST 2 -- Hydrostatically test tie-in piping, hydrostatic test piping and existing 34" and 12.75" L-300A. Existing pipeline material listed; ie. Pipe, elbows, sleeves, etc. are from the "Material of Record" (refer to Dwg. 41497310, Sheet 6)

Hydrotest L-300A from MP 493.59 – 496.05 San Jose, CA (Test section 72)

Location Class	Design Factor (F)	MAOP to be Established for this Piping by this Test	Future Design Pressure
3	0.5	676 PSIG	676 PSIG

STATIC HEAD DUE TO ELEVATION DIFFERENCE (WHERE APPLICABLE)	Max. Elevation	126 Ft.	Static Head Calculation For Water	0.433 X Elev. Diff. =	11.691 PSIG
	Min. Elevation	99 Ft.			
	Elev. Diff.	27 Ft.	Other (Specify)	X Elev. Diff. =	PSIG

Pipe Specification Size O.D.	W.T.	API or ASTM Grade Long Seam (ERW, DSAW, Seamless, Etc.)	Footage to Be Tested	Pipe Spec. and Footage Verified In Field	% of SMYS At MAOP	At Min. Test Press.	At Max. Test Press.	Pressure to Give 90% SMYS
34.00	0.505	API 5L, GR X-60, DSAW (item#101)	52'		37.93	56.89	64.52	1604
34.00	0.375	API 5L, GR X-65, DSAW (item#102)	14.5'		47.15	70.72	80.21	1290
34.00	0.500	API 5L, GR X-46 (item#1)	11759'		49.97	74.95	85.00	1218
34.00	0.380	API 5L, GR X-60, DSAW (item#2)	983.2'		50.40	75.61	85.75	1207
34.00	0.505	API 5L, GR X-60, DSAW (item#3)	212'		37.93	56.89	64.52	1604
34.00	0.500	Ell, Forged, LR, Y-46 (item#5)	3 Ea.		49.97	74.95	85.00	1218
34.00	0.380	Ell, Forged, LR, Y-60 (item#6)	2 Ea.		50.40	75.61	85.75	1207
34.00	0.505	Ell, Forged, LR, Y-60 (item#7)	4 Ea.		37.93	56.89	64.52	1604
34.00	0.375	API 5L, GR X-60, DSAW	2.4'		51.08	76.61	86.89	1191
12.75	0.375	API 5L, GR B, SMLS	20'		32.83	49.25	55.86	1853

		Test Fluid To Be Used	MINIMUM TEST DURATION	
Minimum Test Pressure @ Max. Elevation	1014 PSIG	WATER	- UNDER 30% SMYS (1 HR. MINIMUM)	8 HOURS
Maximum Test Pressure @ Min. Elevation	1150 PSIG		- 30% SMYS & OVER (8 HRS. MINIMUM)	
			- PREINSTALLATION TEST (SEE ATTACHMENT "A" GAS STD. A-34)	

Prepared By: Mark Cabral Date: 8-1-11 For Information or Changes, Call: Redacted Approved By: Date: 8/1/11

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	5:25pm 8-1-2011	Elevation at Test Point	126 FT	Min. Required Test Press. At Test Point (1)	1014 PSIG	Max. Allowable Test Press at Test Point (4)	1138 PSIG
Time and Date Test Ended	2:15Am 8-2-2011	Max. Elevation in Test Section	126 FT	Min. Indicated Test Pressure (2)	1025 PSIG	Max. Indicated Test Pressure (5)	1115 PSIG
Actual Duration of Test	5 hours 50 min	Min. Elevation in Test Section	99 FT	Min. Test Pressure at Max. Elevation (3)	1028 PSIG	Max. Test Pressure at Min. Elevation (6)	1126 PSIG

Test Fluid Used: water

Pipe Specification and Footage Verified (See Part I)

Make, Range, and Serial No. of Pressure Recording Gauge	Date Last Calibrated	Make, Range, and Serial No. of Dead Weight Tester (See Note 7)	Date Last Calibrated
Barton 0-3000 202A-175512	6-7-2011	Chandler 50-3000 6106	5-19-2011

Test Supervised By: Redacted Date: 8-2-2011 Approved By: Date:

PUT SCHEMATIC PIPING SKETCH ON BACK OF THIS SHEET

SHOW LOCATION OF FACILITY TESTED, MINIMUM AND MAXIMUM ELEVATION IN FEET, MILE POINTS, VALVE NUMBERS AND INCORPORATED AREAS. USE AN ADDITIONAL SHEET IF NECESSARY (SHOW REFERENCE NUMBERS ON FACE OF ALL DRAWINGS AND ATTACHMENTS). FOR STATION PIPING, FABRICATED UNITS AND SHORT SECTIONS OF PIPE, ALSO SHOW A DETAILED SKETCH OF EACH ASSEMBLY TESTED.

NOTES:

(1) Add the static head due to elevation difference (between test point and maximum elevation) to "minimum test pressure at maximum elevation" from PART I.
(2) Use lowest pressure on test gauge at any time during test.
(3) Subtract static head due to elevation difference (between test point and maximum elevation) from minimum indicated test pressure.
(4) Subtract static head due to elevation difference (between test point and minimum elevation) from "maximum test pressure at minimum elevation" from PART I.
(5) Highest pressure on test gauge at any time during test.
(6) Add static head due to elevation difference (between test point and minimum elevation) to maximum indicated test pressure.
(7) A dead weight tester is only required when testing to a pressure which produces a stress level of 90% of SMYS or greater. However, if a dead weight tester is used on any test, enter the information in the space provided above.

DISTRIBUTION

JOB FILE (AT SPONSORING ORGANIZATION)
GSM&TS RESPONSIBLE DISTRICT SUPERINTENDENT
PROJECT MANAGER/PROJECT ENGINEER
TECHNICAL & CONSTRUCTION SERVICES - ASSIGNED JOBS ONLY
CAPITAL ACCOUNTING (FOREMAN'S COPY OF JOB)
RECORDS SECTION (WC), GMS&TS
REPORT FAILURES UNDER TEST TO GAS ENGINEERING & PLANNING

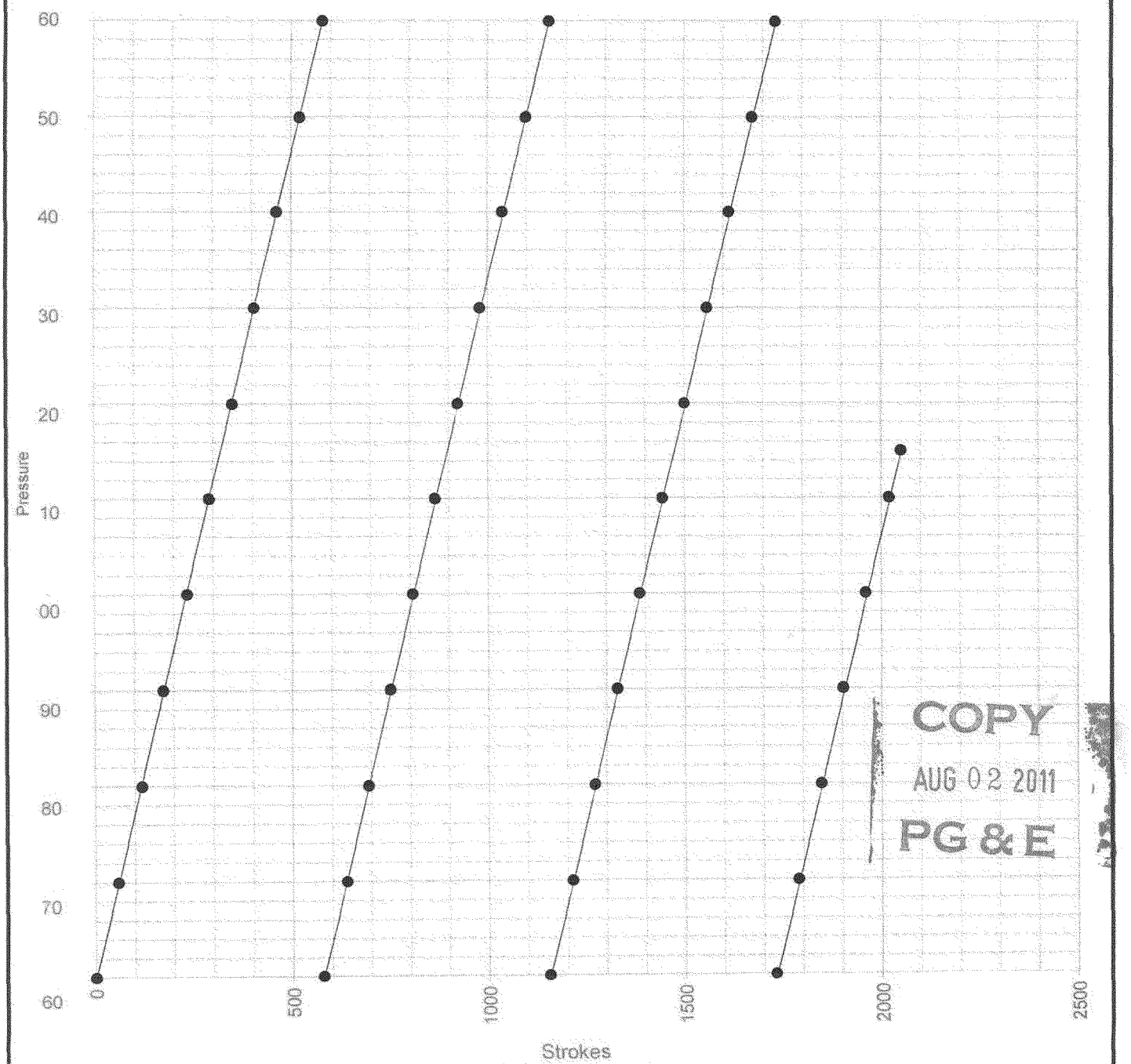
STROKE / PRESSURE PLOT

Date: 08/01/11

Page: 2 of 2

Company & Contractor: PG&E / Snelson		Project: PG&E Hydro Test Existing lines	
Contract Number: FY12-112	Location: San Jose ,CA	Pipe Description: 34 " O.D. 0.380 " W.T. X-60 Grade	
Section Number(s): 72	From: MP/STA 493.59 MP / 0+00	To: MP/STA 496.05 MP / 129+37	Length: 2.45

Gallons Deviation: -1.68 gallons	Elevation@HP 126.0 Stress: 49882 psi/83.1 %	Total Gallons Pumped: 1128	Gallons/Stroke: 0.551
Deviation/Mile: -0.68 gallons	Elevation@TS: 126.0 Stress: 49882 psi/83.1 %	Strokes/PSI: 5.77	Gallons/PSI: 3.18
Equation of Line: y=0.1731x+759.99	Elevation@LP: 99.0 Stress: 50405 psi/84 %	Strokes/Min: 65.96	PSI/Min: 11.43



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Redacted
Milbar Superintendent

8-1-2011
Date

Redacted
Company Representative

Date

MILBAR Hydro-Test, Incorporated

STROKE / PRESSURE LOG

Date: 8/1/11

Company & Contractor:	PG&E / Snelson	Project:	PG&E Hydro Test Existing lines
Contract Number: FY12-112	Location: San Jose ,CA	Pipe Description:	34 " O.D. 0.380 " W.T. X-60 Grade
Section Number(s): 72	From: MP/STA 493.59 MP / 0+00	To: MP/STA 496.05 MP / 129+37	Length: 2.45 Mi.
Pressure Unit Location:	0+00	Pressure Unit Number:	PT 930
Gallons/Stroke:	0.551		
Date & Time Start Pump:	8/1/11 4:54 PM	Pressure:	760
Date & Time Stop Pump:	8/1/11 5:25 PM	Pressure:	1115

Time	Pressure (psig)	Strokes	Difference	Time	Pressure (psig)	Strokes	Difference
4:54:56 PM	760	0	0	5:20:14 PM	1050	1672	58
4:55:47 PM	770	56	56	5:21:05 PM	1060	1730	58
4:56:42 PM	780	117	61	5:21:56 PM	1070	1787	57
4:57:34 PM	790	172	55	5:22:49 PM	1080	1845	58
4:58:29 PM	800	233	61	5:23:40 PM	1090	1901	56
4:59:21 PM	810	289	56	5:24:35 PM	1100	1959	58
5:00:15 PM	820	348	59	5:25:29 PM	1110	2018	59
5:01:08 PM	830	404	56	5:25:59 PM	1115	2048	30
5:01:59 PM	840	462	58				
5:02:50 PM	850	520	58				
5:03:42 PM	860	577	57				
5:04:36 PM	870	636	59				
5:05:26 PM	880	692	56				
5:06:18 PM	890	749	57				
5:07:08 PM	900	806	57				
5:08:00 PM	910	864	58				
5:08:50 PM	920	922	58				
5:09:41 PM	930	979	57				
5:10:33 PM	940	1036	57				
5:11:26 PM	950	1096	60				
5:12:18 PM	960	1154	58				
5:13:09 PM	970	1211	57				
5:14:01 PM	980	1268	57				
5:14:54 PM	990	1327	59				
5:15:48 PM	1000	1384	57				
5:16:40 PM	1010	1442	58				
5:17:33 PM	1020	1499	57				
5:18:27 PM	1030	1557	58				
5:19:21 PM	1040	1614	57	Log Continued: ☐ Yes ☒ No			

Remarks:

Redacted	8-1-2011	Redacted	
Millbar Superintendent	Date	Company Representative	Date

TEST LOG

MILBAR HYDRO-TEST INCORPORATED

Date: 8-1-2011
Page: 1 of 1

Company & Contractor: PG&E / Snelson		Project: PG&E Hydro Test Existing lines	
Contract Number: Fy 12-112	Location: San Jose, CA	Pipe Description: 34 " O.D. .380 " W.T. X-60 Grade	
Section Number(s): 72	From: MP/STA 0+00 / 493.59	To: MP/STA 129+37 / 496.05	Length: 2.45 miles
Pressure Unit Location: 0+00	Pressure Unit #: PT 930	Gallons/Stroke: .551	Strokes/10psi: 57.7
Test Pressure Maximum: 1115	Test Pressure Minimum: 1014	Test Medium: water	Weather: sunny

Instruments	Dead Weight Gauge	Pressure	Temperature (Ambient)	Temperature (Pipe / Ground)	PT 95 (Other)	Temp 39 (Other)
Range	50-3000	0-3000	-40 - 140	-20 - 120	0-3000	0-150
Manufacturer	Chandler	Chessell	Chessell	Chessell	Barton	Barton
Serial #	6106	0404042809	0404042809	0404042809	202A-175512	242A-314945
Certification	5 / 19 / 2011	5 / 20 / 2011	5 / 20 / 2011	5 / 20 / 2011	6 / 7 / 2011	5 / 18 / 2011

Date & Time Test Started: 8 / 1 / 2011 5:25 ☐ AM ☑ PM

Date & Time Test Ended: 8 / 2 / 2011 2:15 ☒ AM ☐ PM

Time	Pressure (psig)	Temperature (°F) Ambient	Temperature (°F) Pipe / Ground	Remarks
11:15 PM	150	72	78/76	
3:18 PM	152	77	81/76	Bumping
3:52	760	78	80/76	75% 3HPH strokes
4:07	760	77	78/77	
4:22	760	77	78/76	
4:37	760	78	78/77	
4:52	760	77	79/77	
4:54	760	78	79/77	Bumping
5:25	1115	78	79/77	Gt spike 20HS start
5:35	1115	76	78/77	
5:45	1115	77	78/77	
5:55	1115	77	77/77	
5:57	1115	77	77/77	Bleed to Test
6:15	1105	76	77/77	First 10 pounds 38.5%
6:21	1105	76	77/77	Bleeding to Test
6:25	1031	76	77/77	Gt Pressure 2hrs
6:30	1031	76	77/77	
6:45	1031	75	78/76	
7:00	1031	74	78/76	
7:15	1031	73	77/77	
7:45	1031	72	77/77	
8:00	1031	70	76/77	
8:15	1031	69	76/77	
8:30	1030	68	75/77	
8:45	1030	68	75/77	
9:00	1030	67	74/77	
9:15	1030	67	74/77	
9:30	1030	66	74/77	
9:45	1030	66	74/77	
10:00	1029	65	73/77	
10:15	1029	65	73/77	
10:30	1029	65	73/77	
10:45	1029	64	73/77	
11:00	1029	64	73/77	
11:15	1029	63	73/76	
11:30	1029	63	72/77	
11:45	1029	63	72/76	
12:00	1029	62	72/77	
12:15	1029	62	72/77	
12:30	1029	62	72/76	
12:45	1028	62	71/76	
1:00	1028	61	71/76	
1:15	1028	61	71/76	
1:30	1028	60	71/76	
1:45	1028	60	71/76	
2:00	1028	60	71/76	
2:15	1028	60	71/76	End Test

Log Continued: ☐ Yes ☑ No

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Remarks: Total Bleed 243.2

Section Accepted ☑ Yes P-V Plot ☑ Yes Section Ruptured ☐ Yes Section Leaking ☐ Yes

Redacted — Milbar Superintendent — 8-1-2011 Date

Redacted — Company Representative — Date

White - Company Yellow - Milbar