



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)

Sheet 1 of 1

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

Feeder Main Number, Line Number, or Station Name L-300A	Area Central	Division/District Hollister	Job Number 41497305-T65	Date Job Authorized 8-10-11
Description of Job -- Include Reference Drawing Numbers, and Pipeline Mileposts Test 2 - Segment A-B - Existing 34" materials listed are from the "Material of Record" (refer to DWG 41497305, sheet 5). Hydrostatically test 34" lie-in piping, hydrostatic test piping and existing 34" L-300A. REV 1: Changed Max Test Pressure to 1046 psig to reflect added Ramp test. Hydrotest L-300B from MP 445.5937 - 446.4777 Segment A-B Tres Pinos, CA (Test section 65B)				

Location Class 2	Design Factor (F) .60	MAOP to be Established for this Piping by this Test 631 PSIG	Future Design Pressure 631 PSIG
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STATIC HEAD DUE TO ELEVATION DIFFERENCE (WHERE APPLICABLE)	Max. Elevation 568 Ft.	Static Head Calculation	0.433 X Elev. Diff. = 13.42 PSIG
	Min. Elevation 537 Ft.	For Water	
	Elev. Diff. 31 Ft.	Other (Specify)	X Elev. Diff. = PSIG

Pipe Specification		Footage to Be Tested	Pipe Spec. and Footage Verified In Field	% of SMYS			Pressure to Give 90% SMYS
Size	API or ASTM Grade Long Seam (ERW, DSAW, Seamless, Etc.)			At MAOP	At Min. Test Press.	At Max. Test Press.	
O.D.	W.T.						
34.00	.375	54	K.L.G. 62.5'	44.01	66.05	72.95	1291
34.00	.344	464	K.L.G. 4782' NR	59.97	90.00	99.41	947
34.00"	0.500"		K.L.G. 43.8'	30.01	49.54	54.71	1721
34.00"	0.505"		K.L.G. 4 EA.	35.40	53.13	58.69	1604

Minimum Test Pressure @ Max. Elevation 947 PSIG	Test Fluid To Be Used WATER	MINIMUM TEST DURATION - UNDER 30% SMYS (1 HR. MINIMUM) - 30% SMYS & OVER (8 HRS. MINIMUM) - PREINSTALLATION TEST (SEE ATTACHMENT 'A' GAS STD. A-34)	8 HOURS
Maximum Test Pressure @ Min. Elevation 1046 PSIG			

Prepared By: Mark Cabral	Date: 9-13-11	For Information or Change Call: Redacted	Approved By: <i>[Signature]</i>	Date: 9/20/11
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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 11:36 am 9-23-2011	Elevation at Test Point 555 FT	Min. Required Test Press. At Test Point (1) 952 PSIG	Max. Allowable Test Press at Test Point (4) 1038 PSIG
Time and Date Test Ended 8:15 am 9-23-2011	Max. Elevation in Test Section 568 FT	Min. Indicated Test Pressure (2) 969 PSIG	Max. Indicated Test Pressure (5) 1038 PSIG
Actual Duration of Test 8 hr 39 min	Min. Elevation in Test Section 537 FT	Min. Test Pressure at Max. Elevation (3) 963 PSIG	Max. Test Pressure at Min. Elevation (6) 1045.8 PSIG

Test Fluid Used water	Pipe Specification and Footage Verified (See Part I) K.L.G. A-603
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Make, Range, and Serial No. of Pressure Recording Gauge Barton 0-3000 202A-178572	Date Last Calibrated 6-7-2011	Make, Range, and Serial No. of Dead Weight Tester (See Note 7) Chandler 50-3000 6106	Date Last Calibrated 5-19-2011
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Test Supervised By Redacted	Date: 9-23-2011	Approved By: <i>[Signature]</i>	Date: 9-25-11
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PUT SCHEMATIC
 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:**
- Add the static head due to elevation difference (between test point and maximum elevation) to "minimum test pressure at maximum elevation" from PART I.
 - Use lowest pressure on test gauge at any time during test.
 - Subtract static head due to elevation difference (between test point and maximum elevation) from minimum indicated test pressure.
 - Subtract static head due to elevation difference (between test point and minimum elevation) from "maximum test pressure at minimum elevation" from PART I.
 - Highest pressure on test gauge at any time during test.
 - Add static head due to elevation difference (between test point and minimum elevation) to maximum indicated test pressure.
 - 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), GSM&TS
 - REPORT FAILURES UNDER TEST TO GAS ENGINEERING & PLANNING

FINAL