



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

Feeder Main Number, Line Number, or Station Name L-300A	Area Southern	Division/District Hinkley	Job Number 41474053-T52	Date Job Authorized 5-19-11
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Description of Job -- Include Reference Drawing Numbers, and Pipeline Mileposts
 Test 1 - 34" L-300A tie-in and hydrostatic test piping - Existing 34" pipe from the "Material of Record" (refer to DWG 41474053-T52, sheet 5)

Hydrotest L-300A from MP Redacted (Test section 52)

Location Class 1	Design Factor (F) .72	MAOP to be Established for this Piping by this Test 688 PSIG	Future Design Pressure 688 PSIG
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STATIC HEAD DUE TO ELEVATION DIFFERENCE (WHERE APPLICABLE)	Max. Elevation 1794 Ft.	Static Head Calculation	
	Min. Elevation 1792 Ft.	For Water	0.433 X Elev. Diff. = 0.866 PSIG
	Elev. Diff. 2 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 O.D.	W.T.	API or ASTM Grade Long Seam (ERW, DSAW, Seamless, Etc.)			At MAOP	At Min. Test Press.	At Max. Test Press.	
34.00	.505	API 5L, GR X60, DSAW (item#101)	40'	67'	38.60	48.31	53.14	1604
34.00	.375	API 5L, GR X-60, DSAW (item#102)	16'	35'	51.98	65.05	71.56	1192
34.00	.3125	API 5L, GR X-52, DSAW (item#5)	4745'	4741'	71.98	90.07	99.08	861

Minimum Test Pressure @ Max. Elevation	861 PSIG	Test Fluid To Be Used	WATER	MINIMUM TEST DURATION	8 HOURS
Maximum Test Pressure @ Min. Elevation	947 PSIG			- UNDER 30% SMYS (1 HR. MINIMUM) - 30% SMYS & OVER (8 HRS. MINIMUM) - PREINSTALLATION TEST (SEE ATTACHMENT 'A', GAS STD. A-34)	

Redacted Date: 5/19/11 8/2/11 For Information or Changes, Call: **Mark Cabral (925) 588-3640** Approved By: Mark Cabral Date: 8-2-11

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	11:46 am 6-6-11 = Spike	Elevation at Test Point	1793 FT	Min. Required Test Press. At Test Point (1)	861 PSIG	Max. Allowable Test Press at Test Point (4)	946 PSIG
Time and Date Test Ended	08:03 pm 6-6-11	Max. Elevation in Test Section	1794 FT	Min. Indicated Test Pressure (2)	878 PSIG	Max. Indicated Test Pressure (5)	940 PSIG
Actual Duration of Test	8 hrs 17 mins	Min. Elevation in Test Section	1792 FT	Min. Test Pressure at Max. Elevation (3)	878 PSIG	Max. Test Pressure at Min. Elevation (6)	940 PSIG

Test Fluid Used: **Water** Pipe Specification and Footage Verified (See Part I): **Atrespando**

Make, Range, and Serial No. of Pressure Recording Gauge Barton 0-3000# - 319715	Date Last Calibrated 5-18-11	Make, Range, and Serial No. of Dead Weight Tester (See Note 7) Chandler 0-3000# - 6106	Date Last Calibrated 5-19-11
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Test Supervised By: Redacted Date: 7-30-2011 Approved By: Redacted Date: 8-1-11

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:	DISTRIBUTION
(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.	JOB FILE (AT SPONSORING ORGANIZATION)
(2) Use lowest pressure on test gauge at any time during test.	GSM&TS RESPONSIBLE DISTRICT SUPERINTENDENT
(3) Subtract static head due to elevation difference (between test point and maximum elevation) from minimum indicated test pressure.	PROJECT MANAGER/PROJECT ENGINEER
(4) Subtract static head due to elevation difference (between test point and minimum elevation) from "maximum test pressure at minimum elevation" from PART I.	TECHNICAL & CONSTRUCTION SERVICES - ASSIGNED JOBS ONLY
(5) Highest pressure on test gauge at any time during test.	CAPITAL ACCOUNTING (FOREMAN'S COPY OF JOB)
(6) Add static head due to elevation difference (between test point and minimum elevation) to maximum indicated test pressure.	RECORDS SECTION (WC), GSM&TS
(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.	REPORT FAILURES UNDER TEST TO GAS ENGINEERING & PLANNING

- ① Original signed 6-6-2011
- ② ORIGINAL DOCUMENT SIGNED 6-30-11
- ③ Original signed 05/18/2011
- ④ Original signed 5/19/11 @