



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

Feeder Main Number, Line Number, or Station Name L-300A	Area Central	Division/District Fresno	Job Number 41497307-T62	Date Job Authorized 6-14-11
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Description of Job -- Include Reference Drawing Numbers, and Pipeline Mileposts
REVISION 1 - Test 1 - 34" L-300A tie-in and hydrostatic test piping - Existing 34" pipe from the "Material of Record" (refer to DWG 41497307-T62, sheet 5)

Hydrotest L-300A from MP 345.02 - 345.299 Kettleman, CA (Test section 62)
REVISION 1 - Changed maximum test pressure from 950 to 955 psig

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 376 Ft.	Static Head Calculation	0.433 X Elev. Diff. = 16.00 PSIG
	Min. Elevation 339 Ft.	For Water	
	Elev. Diff. 37 Ft.	Other (Specify)	X Elev. Diff. = PSIG

Size		Pipe Specification	Footage to Be Tested	Pipe Spec. and Footage Verified In Field	% of SMYS			Pressure to Give 90% SMYS
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)	60'	116.6' A	38.60	48.25	53.58	1604
34.00	.375	API 5L, GR X-60, DSAW (item#102)	38'	26.3' A	51.98	64.98	72.16	1192
34.00	.3125	API 5L, GR X-52, DSAW (item#5)	1371'	1327.4' A	71.98	89.97	99.91	861
12.75	.500	GR B SMLS (item#109)	2"	23.5" A	25.06	31.33	34.79	2471
12.75	.375	GR B SMLS (item#156)	1 ea	10.5 A	33.42	41.77	46.39	1853
34.00	.375	API 5L, GR X 65/70 DSAW (FIELD SUBSTITUTION)		17.0 A				

Minimum Test Pressure @ Max. Elevation 860 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 955 PSIG			

Prepared By: Richard Avery Date: 06/15/11 (3) Date: 7/19/11
 For Information or Changes, Call: Mark Cabral (925) 588-3640
 Approved By: Mark Cabral (4) Date: 7-15-11

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 9:17 am, 6-26-11 937 PSI	Elevation at Test Point 368 FT	Min. Required Test Press. At Test Point (1) 863 PSIG	Max. Allowable Test Press at Test Point (4) 942 PSIG
Time and Date Test Ended 5:55 pm, 6-26-11 879 PSI	Max. Elevation in Test Section 376 FT	Min. Indicated Test Pressure (2) 868 PSIG	Max. Indicated Test Pressure (5) 937 PSIG
Actual Duration of Test 8 hrs, 22 min	Min. Elevation in Test Section 339 FT	Min. Test Pressure at Max. Elevation (3) 864 PSIG	Max. Test Pressure at Min. Elevation (6) 950 PSIG

Test Fluid Used: **Water**
 Pipe Specification and Footage Verified (See Part I): **TM A-A.TRESPANDO**

Make, Range, and Serial No. of Pressure Recording Gauge Barton 0-3000 62H086	Date Last Calibrated 2-18-11	Make, Range, and Serial No. of Dead Weight Tester (See Note 7) Chandler 50-8000 7850	Date Last Calibrated 2-18-11
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Test Supervised By: [Signature] Date: 7-13-11
 Approved By: [Signature] Date: 7-11-13

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 DOCUMENTS SIGNED 6-30-11
 2. ORIGINAL DOCUMENTS SIGNED 6-26-11
 3. ORIGINAL DOCUMENT SIGNED 6-15-11
 (4) ORIGINAL DOCUMENT SIGNED 6-15-11 @