



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

Feeder Main Number, Line Number, or Station Name SP5	Area 2	Division/District Diablo	Job Number 9715461	Date Job Authorized May 2, 2011
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Description of Job -- Include Reference Drawing Numbers, and Pipeline Mileposts

Redacted

Location Class 3	Design Factor (F) .5	MAOP to be Established for this Piping by this Test 390 PSIG	Future Design Pressure 600 PSIG
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STATIC HEAD DUE TO ELEVATION DIFFERENCE (WHERE APPLICABLE)	Max. Elevation 57 Ft.	Min. Elevation 19 Ft.	Elev. Diff. 38 Ft.	Static Head Calculation For Water 0.433 X Elev. Diff. = 16 PSIG	Other (Specify) X Elev. Diff. = PSIG
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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.	

Redacted

Minimum Test Pressure @ Max. Elevation 585 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 685 PSIG			

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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.

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Time and Date Test Pressure Reached 10:45 5-16-11	Elevation at Test Point 49 FT	Min. Required Test Press. At Test Point (1) 589 PSIG	Max. Allowable Test Press at Test Point (4) 672 PSIG
Time and Date Test Ended 18:45 5-16-11	Max. Elevation in Test Section 57 FT	Min. Indicated Test Pressure (2) 602 PSIG	Max. Indicated Test Pressure (5) 605 PSIG
Actual Duration of Test 8 hrs	Min. Elevation in Test Section 19 FT	Min. Test Pressure at Max. Elevation (3) 599 PSIG	Max. Test Pressure at Min. Elevation (6) 618 PSIG

Test Fluid Used Water	Pipe Specification and Footage Verified (See Part I) Above
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Make, Range, and Serial No. of Pressure Recording Gauge CPL 703 0-1000 PSI	Date Last Calibrated 5-2-11	Make, Range, and Serial No. of Dead Weight Tester (See Note 7) AMETEK 0-3500 PSI, S/N 2845	Date Last Calibrated 11-29-11
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Redacted Date: **7-13-11**

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: (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), GSM&TS REPORT FAILURES UNDER TEST TO GAS ENGINEERING & PLANNING
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1- ORIGINAL FIELD DOCUMENT SIGNED ON 6-21-11
 2- ORIGINAL DOCUMENT SIGNED 5-16-11
 3- ORIGINAL DOCUMENT SIGNED 4-19-11
 4- ORIGINAL DOCUMENT SIGNED 5/2/11