Pacific Gas and Electric Company

Gas Pipeline Facilities Strength Test Pressure Report
(For Pipeline Facilities Designed to Operate over 100 PSIG)

62-4921 (Rev. 1/94)
Gas Supply
(Use in Accordance with Gas Standard A-34 and GO 112-D)

Sheet _____ of _____

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

Feeder Main, Line Number, or Station	Region/Area	Division	Job Number	Date Job Authorized

Description of Job -- Include Reference Drawing Numbers

Location Class	Design Factor (F)	MAOP of Existing Facilities	MAOP to be Established for this Section by this Test	Design Pressure -- This Section (Use Future Design Pressure Whenever Possible)
		PSIG	PSIG	PSIG

STATIC HEAD DUE TO ELEVATION DIFFERENCE (WHERE APPLICABLE)

Max. Elevation _____ Ft.
Min. Elevation _____ Ft.
Elev. Diff. Ft.

Static Head Calculation
for Water 0.433 X Elev. Diff. = _____ PSIG
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			At Design Pressure	At Min. Test Press.	At Max. Test Press.	
O.D.	W.T.	Long Seam (ERW, DSAW, Seamless, Etc.)						

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

Prepared By: Date:	For Information or Changes, Call:	Approved By: Date:

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		Elevation at Test Point	FT	Min. Required Test Press. at Test Point (1)	PSIG	Max. Allowable Test Press at Test Point (4)	PSIG
Time and Date Test Ended		Max. Elevation in Test Section	FT	Min. Indicated Test Pressure (2)	PSIG	Max. Indicated Test Pressure (5)	PSIG
Actual Duration of Test		Min. Elevation in Test Section	FT	Min. Test Pressure at Max. Elevation (3)	PSIG	Max. Test Pressure at Min. Elevation (6)	PSIG

Test Fluid Used	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

Test Supervised By: Date:	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)
GAS SUPPLY AREA MANAGER
PROJECT MANAGER/PROJECT ENGINEER
TECHNICAL & CONSTRUCTION SERVICES - ASSIGNED JOBS ONLY
CAPITAL ACCOUNTING (FOREMAN'S COPY OF JOB)
PIPELINE HISTORY FILE
REPORT FAILURES UNDER TEST TO GAS DISTRIBUTION

Material Redacted