



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

62-4921 (Rev. 1/98)
 California Gas Transmission
 (Use in Accordance with Gas Standard A-34 and 49CFR Part 192)

Sheet _____ of _____

PART I - DESIGN DATA (TO BE PREPARED BY PROJECT ENGINEER)											
Per Man, Line Number, or Station		Area		Division/District		Job Number		Date Job Authorized			
Description of Job - Include Reference Drawing Numbers											
Location Class		Design Factor (F)		MAOP of Existing Facilities PSIG		MAOP to be Established for this Section by this Test PSIG		Design Pressure - This Section (Use Future Design Pressure Whenever Possible) PSIG			
STATIC HEAD DUE TO ELEVATION DIFFERENCE (WHERE APPLICABLE)		Max. Elevation _____ Ft. Min Elevation _____ Ft. Elev Diff _____ Ft.		Static Head Calculation for Water Other (Specify) _____		0.433 X Elev Diff = _____ PSIG		X Elev Diff = _____ PSIG			
Pipe Specification											
Size		API or ASTM Grade		Footage to Be Tested		Pipe Spec and Footage Verified In Field		% of SMYS			
O.D.	W.T.	Long Seam (ERW, DSAW, Seamless, Etc.)						At Design Pressure	At Min Test Press		
								At Max Test Press	Pressure to Give 90% SMYS		
Minimum Test Pressure @ Max. Elevation		PSIG		Test Fluid To Be Used		MINIMUM TEST DURATION		HOURS			
Maximum Test Pressure @ Min Elevation		PSIG				- UNDER 30% SMYS (1 HR. MINIMUM) - 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 SYSTEM MAINTENANCE SUPERINTENDENT PROJECT MANAGER/PROJECT ENGINEER TECHNICAL & CONSTRUCTION SERVICES - ASSIGNED JOBS ONLY CAPITAL ACCOUNTING (FOREMAN'S COPY OF JOB) RECORDS, GAS SYSTEM TECHNICAL SUPPORT - TRANSMISSION JOBS ONLY REPORT FAILURES UNDER TEST TO GAS DISTRIBUTION						