

## Pacific Gas and Electric Company Gas Pipeline Facilities Strength Test Pressure Report

(For Pipeline Facilities Designed to Operate over 100 psig)

62-4921 (Rev. 6/03) California Gas Transmission (Use according to Gas Standard A-34 and 49CFR Part 192)

Sheet	of
-------	----

Possible	mai   Call   1	'	9	'		٥,							Sileet	OI
Location Class		7				Division/District			Job Number	Job Number		Date Job Authorized		
The Test    Pelig   Pe	Description of Job — Incl	ude Reference Dra	wing Number	ers										
The Test    Pelig   Pe														
STATIC HEAD DUE TO LEVATION DIFFERENCE Min Elevation Pt. Static Head Cabulation 0.433 x Ew. Diff. = paig paig (WHERE APPLICABLE) Elev Diff. Pt. Other (Spoofs)	Location Class	n Class Design Factor (F) MAOF			P of Existing Facilities									
ELEVATION DIFFERENCE (WHERE APPLICABLE) (WHERE APPLICABLE) (Per Diff. Pt. Other (Specify) (WHERE APPLICABLE) (Per Diff. Pt. Other (Specify) (Per Specification API or ASTM Grade API or ASTM Gra									psig				psig	
Pipe Specification		00000000000000000000000000000000000000			The state of the s									
Pipe Specification  Size API or ASTM Grade DD WIT Long Seem (ERW, DSAW, Seemless, Etc.)  Footage to Be Tested API or ASTM Grade Be Tested API or ASTM Grade DD WIT Long Seem (ERW, DSAW, Seemless, Etc.)  Footage to Be Tested API or ASTM Grade Be Tested API or ASTM Grade ARIAM. At Miax. Gw 90 90 At Min. At Miax. Gw 90 90 At Min. At Miax. Gw 90 90 At Min. At Miax. At Miax. At Miax. Gw 90 90 At Min. At Miax. At Miax. At Miax. Gw 90 90 At Min. At Miax. At Miax. At Miax. At Miax. At Miax. Gw 90 90 At Min. At Miax. At				ion						-				
Size API or ASTM Grade Footage to (Pipe Spec. Al Design At Min. At Max. Give 90% On WT Long Seam (ERW, DSAW, Seamless, Etc.) Be Tested and Footage) Pressure Test Press. Test Press. SM/TS SM/TS AVERAGE AND AVERA	(WILLIAM I E	,		on	11.	o in o	Ороспу		Verif	ied in Field	A LOV. DIII.	% of SMYS		Pressure to
Minimum Test Pressure @ Max, Elevation psig To Be Used Uniformation or Changes, Call:    Point   Point	Size	Ì	AF	PI or ASTM Grade	•		Foot	age to	(Pi	pe Spec.	At Design	At Min.	At Max.	Give 90%
Minimum Test Pressure @ Max. Elevation	OD WT	1	ong Seam (F	ERW, DSAW, Sea	amless, Etc.)		Be T	ested	and	Footage)	Pressure	Test Press.	Test Press	. SMYS
Minimum Test Pressure @ Max. Elevation														
Minimum Test Pressure @ Max. Elevation														
Minimum Test Pressure @ Max. Elevation														
Minimum Test Pressure @ Max. Elevation														
Maximum Test Pressure @ Min. Elevation psig	Minimum Test Proceure @ May Floyation					0.00	Control (State Contro				HOURS			
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  Test Point  Time and Date Test Point  Time and Date Test Pressure Reached  Test Pressure  Test P	William Foot Flood	TO GE WAX. Eleve				poig						,		Hoorto
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 Test Press. at Test Point Time and Date Test Press. at Test Point Test Pressure Test Pres		ure @ Min. Eleva	ıtion							- PRE-INS	STALLATION TEST	(See Attachmer	nt "A", Gas Std.	
Time and Date Test Pressure Reached  Elevation at Test Point  Min. Required Test Press. at Test Point (1)  Max. Allowable Test Press. at Test Point (4)  Max. Elevation in Test Pressure Test Ended  Min. Indicated Test Pressure (2)  Min. Elevation  Min. Test Pressure (3)  Min. Elevation  Min. Elevation  Min. Elevation  Min. Test Pressure (3)  Min. Elevation  Min. El	Prepared By: Date:			Date:	For Information or Changes, Call:					Approved By: Date				
Test Pressure Reached Point Press at Test Point (1) Press at Test Point (4)  Time and Date Test Ended Max. Elevation in Test Section Test Pressure (2) Test Pressure (5)  Actual Duration of Test Pressure Max. Test Pressure (5)  Actual Duration of Test Pressure Max. Test Pressure Max. Test Pressure at Max. Te	PART II - TEST DATA (T	O BE PREPARED	BY PERSON	N SUPERVISING	TEST AT TIME	OF TES	ST)			Note:			on are not to be	changed
Test Ended  Test Section  Test Pressure  (2)  Test Pressure  (5)  Actual Duration of Test  Min. Elevation in Test Pressure at Max. Test Pressure at Max. Test Pressure at Max. Test Pressure at Min. Elevation (3)  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	Time and Date Test Pressure Reached		ALLOYS									(4)		
of Test	Time and Date Test Ended					156							(5)	
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  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	Actual Duration of Test								(3)				(6)	
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	Test Fluid Used	<u>I</u>			l	- 10	Pipe	Specification	. ,	cotage Ve	rified (See Part I)			
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	Make, Range, and Serial No. of Pressure Recording Gauge				Date Last Calibrated N			ə, Range, a	, and Serial No. of Dead Weight Tester (See Note 7)				Date Last Calibrated	
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	Test Supervised By:				Date:			oved By:	ed By:				Date:	
NOTES: DISTRIBUTION	SHOW LOCATION OF F. NECESSARY (SHOW RE	ACILITY TESTED, EFERENCE NUME	MINIMUM AI BERS ON FAC	ND MAXIMUM EL					I PIPINO	G, FABRICA	TED UNITS AND S			

- (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.
- Subtract static head due to elevation difference (between test point and minimum elevation) from "maximum test pressure at minimum elevation" from PART I.

   Highest pressure on test gauge at any time during test.
   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

JOB FILE (AT SPONSORING ORGANIZATION)

GAS SYSTEM MAINTENANCE and TECHNICAL SUPPORT SUPERINTENDENT

PROJECT MANAGER/PROJECT ENGINEER

CAPITAL ACCOUNTING (FOREMANS COPY OF JOB)

RECORDS, GAS SYSTEM MAINTENANCE and TECHNICAL SUPPORT

- TRANSMISSION JOBS ONLY

REPORT FAILURES UNDER TEST TO GAS ENGINEERING & PLANNING

GTR0047146 Material Redacted