

49.1 REV. 2-79

PG&E
GAS OPERATIONS
STRENGTH TEST PRESSURE REPORT
(FOR PIPE FACILITIES OPERATIONS OVER 100 PSIG)

[USE IN ACCORDANCE WITH
GAS STD. A-34 AND GO 112]

SHEET _____ OF _____

PART I - DESIGN DATA - (TO BE PREPARED BY PROJECT ENGINEER OR GAS SYSTEM DESIGN DEPT.)

POST, MAIN OR LINE NO.	DIVISION SAN JOAQUIN	DISTRICT FRESNO	W.O. OR G.M. NO. GM4549226	DATE W.O. OR GM APPROVED
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DESCRIPTION OF JOB - INCLUDE REFERENCE DRAWING NUMBERS

INSTALL 5,065'-3" STL TO SERVE

LOCATION CLASS III	DESIGN FACTOR (F) .72	PRESENT MAOP OF FACILITIES (PSIG) 840	MAOP TO BE ESTABLISHED BY THIS TEST 840	DESIGN PRESSURE - THIS SECTION (FUTURE DESIGN PRESSURE) 840
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SPECIAL PROTECTION REQUIRED WHERE COVER
OVER PIPE IS LESS THAN SPECIFIED IN PAR. 192.327-
C. O. 112 - SEE PAR. 141.2(B) GIVE M.P. & REF. DWG.
NO. FOR EACH LOCATION.

STATIC HEAD DUE TO ELEVATION DIFFERENCE (WHERE APPLICABLE)	MAX. ELEVATION _____ FT. MIN. ELEVATION _____ FT. DIFF. FT.	STATIC HEAD CALCULATION FOR WATER <div style="float: right; text-align: right;"> 0.433 X DIFF. = _____ PSFG </div> OTHER (SPECIFY) _____ X DIFF. _____
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[illegible]

MINIMUM PRESSURE FOR TEST	1260	PSIG	TEST FLUID TO BE USED. WATER	MINIMUM TEST DURATION UNDER 30% SMYS (1 HR. MIN.)	ONE	HRS.
MAXIMUM PERMISSIBLE TEST PRESSURE	1400	PSIG		30% SMYS & OVER (8 HR. MIN.)	PREINSTALLATION TEST (SEE 192.505(b) GO 112)	

PREPARED BY GLEN W DATE 8-18-86	FOR INFORMATION OR CHANGES, CALL GLEN 82-4114	APPROVED BY: M.L. Tawney DATE 12-10-86
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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

TIME AND DATE REACHED TEST PRESSURE	9:15 A.M. 12-19-86	242	ELEVATION AT TEST POINT	FT.	INDICATED TEST PRESSURE (1)	1300	PSIG.
TIME AND DATE TEST ENDED	11:35 A.M. 12-19-86		MAX. ELEVATION IN TEST SECTION	FT.	TEST PRESSURE AT MAX. ELEVATION (2)		PSIG.
ACTUAL DURATION OF TEST	2 HRS 20 MIN.		MIN. ELEVATION IN TEST SECTION	FT.	TEST PRESSURE AT MIN. ELEVATION (3)		PSIG.

TEST FLUID USED	WATER	PIPE SPEC. VERIFIED (SEE PART I)	06	PIPE FOOTAGE VERIFIED (SEE PART I)	02
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MAKE, RANGE & SERIAL NO. OF RECORDING GAUGE	Foxboro 78A 5900	DATE LAST CALIBRATION	0-2000" 10-8-86	MAKE, RANGE & SERIAL NO. OF DEAD WEIGHT TESTER	DATE LAST CALIBRATION
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EST SUPERVISED BY: M L TIDWELL L86

APPROVED BY: C. W. Hall DATE: 12-23-86

PUT SCHEMATIC SKETCH ON BACK OF THIS SHEET:

SHOW LOCATION OF FACILITY TESTED, MIN. & MAX. 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 SECTION OF PIPE, ALSO SHOW A DETAILED SKETCH OF EACH ASSEMBLY TESTED.

DISTRIBUTION	
DIST. GAS SUPT.-JOB FILE DIV. GAS SUPT. GC GAS - ASSIGNED JOBS GAS SYSTEM DESIGN (2) PLANT ACCTG. (WITH FOREMAN'S COPY OF JOB) PIPELINE HISTORY FILE *REPORT FAILURES UNDER TEST TO GAS SYSTEM DESIGN AND GAS DISTRIBUTION DEPT'S.	(1) LOWEST PRESSURE ON TEST GAUGE AT ANY TIME DURING TEST. (2) SUBTRACT STATIC HEAD DUE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MAX. ELEVATION) FROM INDICATED TEST PRESSURE. (3) ADD STATIC HEAD DUE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MIN. ELEVATION) TO INDICATED TEST PRESSURE.

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