

PG AND G  
GAS OPERATIONS  
STRENGTH TEST PRESSURE REPORT  
(FOR PIPE FACILITIES OPERATING OVER 100 PSIG)

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

DIST. MAIN OR LINE NO. <b>OLL LINE 100</b>	DIVISION <b>SAN JOSE</b>	DISTRICT <b>CENTRAL</b>	NO. OR G.M. NO. <b>184322</b>	DATE APPROVED <b>8/13/75</b>
DESCRIPTION OF JOB - INCLUDE REFERENCE DRAWING NUMBERS <b>REPLACE 4200' OF 20" FP GAS MAIN WITH 110' OF 20" FP MAIN AND 5310' OF 34" FP MAIN ON 11653212. INST. ONE 20" BLOCK VALVE</b>				
LOCATION <b>3</b>	CLASS DESIGN FACTOR (F) <b>.5</b>	PRESENT MAOP OF LINE (PSIG) <b>200</b>	DESIGN PRESSURE - THIS SECTION <b>526</b>	PLANNED FUTURE MAOP <b>200</b>

SPECIAL PROTECTION REQUIRED WHERE COVER OVER PIPE IS LESS THAN SPECIFIED IN PAR. 192.327 - G.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 MIN. ELEVATION DIFF. <b>NA</b> FT.	STATIC HEAD CALCULATION FOR WATER OTHER (SPECIFY) <b>NA</b>	0.433 X DIFF. X DIFF.	PSIG
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PIPE SIZE O.D.	W.T.	PIPE SPECIFICATION API GR. ERW. DSAW SEAMLESS	VERIFIED IN FIELD	% OF S.M.Y.S.			PRESS. TO GIVE 90% SMYS	FOOTAGE TO BE TESTED	VERIFIED IN FIELD
				AT DESIGN PRESS.	AT MIN. TEST PRESS.	AT MAX. TEST PRESS.			
34"	.344	API 5LX GR X 52 DSAW	B.D.H.	50%	75%	90%	94.7	5370'	1654-18
34"	.380	API 5LX GR X 60 DSAW	B.D.H.	39.2%	58.6%	90%	1207	40'	22-9%
20"	.500	API 5LX GR X 42 DSAW	R.D.H.	25%	37.6%	90%	1890	110'	187-8%

MINIMUM PRESSURE FOR TEST <b>789</b> PSIG	TEST FLUID TO BE USED. <b>WATER</b>	MINIMUM TEST DURATION UNDER 30% SMYS (1 HR. MIN) 30% SMYS & OVER (8 HR. MIN) PREINSTALLATION TESTS (SEE 112.301(B) GO 112)	<b>8</b> HRS.
MAXIMUM PERMISSIBLE TEST PRESSURE <b>9476</b> PSIG			

PREPARED BY: \_\_\_\_\_ DATE: **10/21/76** FOR INFORMATION OR CHANGES, CALL \_\_\_\_\_

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 <b>2:55 P.M. 11-5-76</b>	ELEVATION AT TEST POINT <b>N.A.</b> FT.	INDICATED TEST PRESSURE <b>800</b> PSIG.
TIME AND DATE TEST ENDED <b>3:10 P.M. 11-6-76</b>	MAX. ELEVATION IN TEST SECTION <b>S</b> FT.	MINIMUM TEST PRESSURE <b>S</b> PSIG.
ACTUAL DURATION OF TEST <b>24 HRS. &amp; 15 MIN.</b>	MIN. ELEVATION IN TEST SECTION <b>S</b> FT.	MAXIMUM TEST PRESSURE <b>S</b> PSIG.

TEST FLUID USED <b>WATER</b>	PIPE SPEC. VERIFIED (SEE PART I) <b>B.D.H.</b>	PIPE FOOTAGE VERIFIED (SEE PART I) <b>B.D.H.</b>
MAKE, RANGE & SERIAL NO. OF RECORDING GAUGE <b>BRISTOL 0-2000 SR # 73A-16328</b>	DATE LAST CALIBRATION <b>9-22-76</b>	MAKE, RANGE & SERIAL NO. OF DEAD WEIGHT TESTER <b>CHANDLER ENGINEERING 0-2000 SR # 10676</b>
TEST SUPERVISED BY: _____	APPROVED BY: _____	DATE: <b>11-6-76</b>

SCHEMATIC SKETCH; SHOW LOCATION OF FACILITY TESTED, MIN. & MAX. ELEVATION IN FEET, MILE POINTS OR ENGINEERING STATIONS AND INCORPORATED AREAS. USE SPACE BELOW: (SHOW REFERENCE DRAWING NUMBERS) USE BACK OR AN ADDITIONAL SHEET IF NECESSARY (SHOW REFERENCE NUMBERS ON FACE OF ALL DRAWINGS AND ATTACHMENTS)

