

62-4921 REV. 1-73

PGARDE

(USE IN ACCORDANCE WITH
GAS STD. A-34 AND GO 112)

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

SHEET 3 OF 5

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

DIST. MAIN OR LINE NO. <u>306</u>	DIVISION <u>PLO</u>	DISTRICT <u>SOUTHERN AREA</u>	W.O. OR G.M. NO. <u>178216</u>	DATE APPROVED
DESCRIPTION OF JOB - INCLUDE REFERENCE DRAWING NUMBERS <u>REPLACE AND LOWER LINE 306 NEAR ATRASCADERO FOR SUBDIVISION</u>				
LOCATION CLASS <u>I</u>	DESIGN FACTOR (F) <u>60%</u>	PRESENT MAOP OF LINE (PSIG) <u>840</u>	DESIGN PRESSURE - THIS SECTION <u>840</u>	PLANNED FUTURE MAOP <u>840</u>
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 <u>100</u> FT. MIN. ELEVATION <u>128</u> FT. DIFF. <u>2</u> FT.	STATIC HEAD CALCULATION FOR WATER 0.433 X DIFF. <u>0</u> PSIG OTHER (SPECIFY) <u>0</u> X DIFF. <u>0</u> PSIG	
PIPE SIZE O.D. <u>20"</u> W.T. <u>.500</u>		PIPE SPECIFICATION API GR. ERW, DSAW, SEAMLESS <u>API 5L X 52</u> <u>DSAW</u>	% OF S.M.Y.S. AT DESIGN PRESS. <u>32.3</u> AT MIN. TEST PRESS. <u>48.5</u> AT MAX. TEST PRESS. <u>50</u>	PRESS. TO GIVE 90% SMYS <u>2340</u>
O.D. <u>20"</u> W.T. <u>.500</u>		VERIFIED IN FIELD	FOOTAGE TO BE TESTED	VERIFIED IN FIELD
MINIMUM PRESSURE FOR TEST <u>1.5 MAOP</u> <u>1260</u> PSIG		TEST FLUID TO BE USED <u>WATER</u>		MINIMUM TEST DURATION UNDER 30% SMYS (1 HR. MIN.) 30% SMYS & OVER (8 HR. MIN.) PREINSTALLATION TEST (SEE 192.505(B) GO 112) <u>4</u> HRS.
MAXIMUM PERMISSIBLE TEST PRESSURE <u>1300</u> PSIG				
PREPARED BY: <u>D. J. Aron</u>		DATE: <u>5/16/73</u>		FOR INFORMATION OR CHANGES, CALL <u>723-772</u>
				APPROVED

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 <u>1015 5/19/73</u>	ELEVATION AT TEST POINT <u>11/2</u> FT.	INDICATED TEST PRESSURE <u>1275-1260</u> PSIG.
TIME AND DATE TEST ENDED <u>1425 5/19/73</u>	MAX. ELEVATION IN TEST SECTION <u>11/2</u> FT.	MINIMUM TEST PRESSURE <u>1260-1260</u> PSIG.
ACTUAL DURATION OF TEST <u>1 HR. 10 MIN.</u>	MIN. ELEVATION IN TEST SECTION <u>11/2</u> FT.	MAXIMUM TEST PRESSURE <u>1280-1280</u> PSIG.
TEST FLUID USED	PIPE SPEC. VERIFIED (SEE PART I) <u>500</u> <u>OK</u>	PIPE FOOTAGE VERIFIED (SEE PART I) <u>50.5</u>
MAKE, RANGE & SERIAL NO. OF RECORDING GAUGE <u>11-00 1420</u> <u>604741</u> <u>2000 #</u>	DATE LAST CALIBRATION	MAKE, RANGE & SERIAL NO. OF DEAD WEIGHT TESTER <u>11/2</u>
TEST SUPERVISED BY: <u>David C. Lamm</u>	APPROVED BY: <u>AKL</u>	DATE: <u>5/16/73</u>

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)

SEE ATTACHED SKETCH

* NO SIGNIFICANT ELEVATION CHANGE.

** See 142.505(c) For full test unit and short section of pipe

DISTRIBUTION
DIST. GAS COPY, JOB FILE
DIV. GAS SUPT.
CC 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.

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