

21 REV. 1-77

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

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

SHEET 1 OF 3

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

MAIN OR LINE NO.	DIVISION	DISTRICT	W.O. OR G.M. NO.	DATE APPROVED
306	PLO	Southern	178216	

DESCRIPTION OF JOB - INCLUDE REFERENCE DRAWING NUMBERS

CLANCE AND LOWER LINE 306 NEAR ATASCADERO FOR SUBDIVISION

DESIGN CLASS	DESIGN FACTOR (F)	PRESENT MAOP OF LINE (PSIG)	DESIGN PRESSURE - THIS SECTION	PLANNED FUTURE MAOP
I	60%	840	840	840

ADDITIONAL PROTECTION REQUIRED WHERE COVER OVER PIPE IS LESS THAN SPECIFIED  
PAR. 192.527 - G.O. 112 - SEE PAR. 141.2(B)  
C.M.P. & REF. DWG. NO. FOR EACH LOCATION.

STATIC HEAD DUE TO ELEVATION DIFFERENCE (WHERE APPLICABLE)	MAX. ELEVATION	MIN. ELEVATION	DIFF.	STATIC HEAD CALCULATION FOR WATER OTHER (SPECIFY)	0.433 X DIFF.	PSIG
	100 FT.	100 FT.	0 FT.	0		

PIPE SIZE		PIPE SPECIFICATION		% OF S.M.Y.S.			PRESS. TO GIVE 90% SMYS	FOOTAGE TO BE TESTED	VERIFIED IN FIELD
O.D.	W.T.	API, GR, ERW, OSAW, SEAMLESS	VERIFIED IN FIELD	AT DESIGN PRESS.	AT MIN. TEST PRESS.	AT MAX. TEST PRESS.			
20"	.250	API 5L X 52		64.6	90	100	1170		
		OSAW			97.5	100			

MINIMUM PRESSURE FOR TEST	PSIG	TEST FLUID TO BE USED	MINIMUM TEST DURATION UNDER 30% SMYS (1 HR. MIN)	30% SMYS & OVER (8 HR. MIN)	PREINSTALLATION TEST (SEE 192.505 (D) GO 112)
1260	PSIG	WATER	4	HR.	
MAXIMUM PERMISSIBLE TEST PRESSURE	PSIG				
1300	PSIG				

PREPARED BY	DATE	FOR INFORMATION OR CHANGES, CALL	APPROVED
R.W. AGEE	5/11/73	533-728	

RT 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	ELEVATION AT TEST POINT	INDICATED TEST PRESSURE
1015 - 5/11/73	11 1/2 FT.	1175 1260 PSIG.
TIME AND DATE TEST ENDED	MAX. ELEVATION IN TEST SECTION	MINIMUM TEST PRESSURE
1425 5/11/73	11 1/2 FT.	1150 1260 PSIG.
TOTAL DURATION OF TEST	MIN. ELEVATION IN TEST SECTION	MAXIMUM TEST PRESSURE
4 HRS. 10 MIN.	11 1/2 FT.	1280 PSIG.

TEST FLUID USED WATER		PIPE SPEC. VERIFIED (SEE PART I) OK		PIPE FOOTAGE VERIFIED (SEE PART I) 34'	
MAKE, RANGE & SERIAL NO. RECORDING GAUGE 2000# 281701		DATE LAST CALIBRATION	MAKE, RANGE & SERIAL NO. OF DEAD WEIGHT TESTER N/A		DATE LAST CALIBRATION
TEST SUPERVISED David C. Korman			APPROVED BY:		DATE:

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)  
GO BACK OR AN ADDITIONAL SHEET IF NECESSARY (SHOW REFERENCE NUMBERS ON BACK OF ALL DRAWINGS AND ATTACHMENTS)

\* NO SIGNIFICANT ELEVATION CHANGE

SEE ATTACHED SKETCH

4092, 4112,  
4118, 4180,  
4190

MAOP04173153.JPG

\*\* See 192.505 (e) For Elevated units and shut section of pipe

DISTRIBUTION
1. GAS SUPT. JOB FILE
2. GAS SUPT.
3. GAS ASSIGNED JOBS
4. SYSTEM DESIGN (2)
5. INT. ACCTG. (WITH FOREMAN'S COPY OF JOB)
6. LINE HISTORY FILE
7. PORT FAILURES ORDER
8. TO GAS SYSTEM DESIGN
9. GAS DISTRIBUTION DEPT'S