

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

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

DIST. MAIN OR LINE NO. 12" M1 & 8" OFM	DIVISION EAST BAY	DISTRICT DIABLO	W.O. OR G.M. NO. 01-33-65-7685	DATE W.O. OR GM APPROVED
DESCRIPTION OF JOB - INCLUDE REFERENCE DRAWING NUMBERS INSTALL 8" OFM CROSS TIE TO 12" LINE 191, AT PLAZA				
REG'S. LA FAYETTE. OPERATING MAP 384512 & OPERATING DIAGRAM 082936				
LOCATION CLASS 3	DESIGN FACTOR (F) .50	PRESENT MAP OF FACILITIES (PSIG) 8" = 182 12" = 283	MAP TO BE ESTABLISHED BY THIS TEST 400	DESIGN PRESSURE - THIS SECTION (FUTURE DESIGN PRESSURE) 400

SPECIAL PROTECTION REQUIRED WHERE COVER OVER PIPE IS LESS THAN SPECIFIED IN PAR. 152.327 - S. O. 112 - SEE PAR. 140.280 GIVE M.P. & REF. DWG. NO. FOR EACH LOCATION.

N/A

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

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 OR ERW OR SEAMLESS	VERIFIED IN FIELD	AT DESIGN PRESS.	AT MIN. TEST PRESS.	AT MAX. TEST PRESS.			
8.625	.322	API 5L GRB, SMLS	LMD	15.3	23.0	26.8	2352	10'	10' lmd
12.750	.375	API 5L GRB, SMLS	LMD	19.4	29.1	34.0	1853	21'	10' lmd

MINIMUM PRESSURE FOR TEST	600	PSIG	TEST FLUID TO BE USED WATER OR INERT GAS	MINIMUM TEST DURATION UNDER 30% SMYS (1 HR. MIN.) 30% SMYS & OVER (8 HR. MIN.) PREINSTALLATION TEST (SEE 152.327) GO 112	1	HRS.
MAXIMUM PERMISSIBLE TEST PRESSURE	700	PSIG				

PREPARED BY **R. HOLMBERG** DATE **6-30-82** FOR INFORMATION OR CHANGES, CALL **D. LEONARD** DATE **8-29-82**

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	1400 10-11-82	ELEVATION AT TEST POINT	—	FT.	INDICATED TEST PRESSURE (1)	630	PSIG.
TIME AND DATE TEST ENDED	1515 10-11-82	MAX. ELEVATION IN TEST SECTION	—	FT.	TEST PRESSURE AT MAX. ELEVATION (2)	—	PSIG.
ACTUAL DURATION OF TEST	1 HR 15 MIN	MIN. ELEVATION IN TEST SECTION	—	FT.	TEST PRESSURE AT MIN. ELEVATION (3)	—	PSIG.

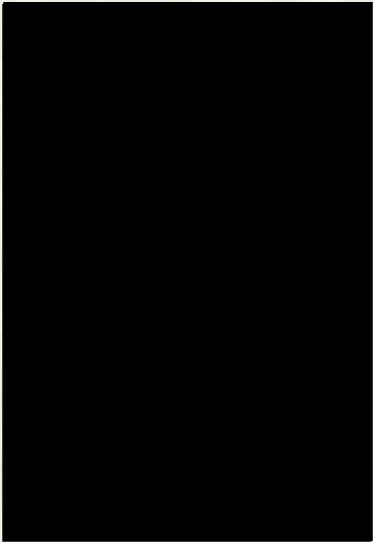
TEST FLUID USED WATER	PIPE SPEC. VERIFIED (SEE PART I) LMD	PIPE FOOTAGE VERIFIED (SEE PART I) 0105
MAKE, RANGE & SERIAL NO. OF RECORDING GAUGE FOXBORO 0-5000 3076472	DATE LAST CALIBRATION 10-5-82	MAKE, RANGE & SERIAL NO. OF DEAD WEIGHT TESTER
TEST SUPERVISED BY Finis Ray Holbert	APPROVED BY John R. Galusoff	DATE 11-8-82

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	
DWG. GAS SUPT.	
GC GAS - ASSIGNED JOBS	
GAS SYSTEM DESIGN (2)	
PLANT ACCTS. (WITH FOREMAN'S COPY OF JOB PRELIMINARY HISTORY FILE)	
WRENCHY FAILURES UNDER TEST TO GAS SYSTEM DESIGN AND GAS DISTRIBUTION DEPT'S.	

- LOWEST PRESSURE ON TEST GAUGE AT ANY TIME DURING TEST.
- SUBTRACT STATIC HEAD DUE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MAX. ELEVATION) FROM INDICATED TEST PRESSURE.
- ADD STATIC HEAD DUE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MIN. ELEVATION) TO INDICATED TEST PRESSURE.



TEST INFORMATION

1. JOB SA [REDACTED] LAFAYETTE
 2. LOCATION [REDACTED]
 3. DATE 1400 - 10-0
 4. TIME 1400 - 10-0
 5. LENGTH APISL GEB SMLS 15 MIN
 6. RECORDING GAUGE FORBORD SER 3076074 T. 375
 7. RANGE 0-5000 LAST CALIBRATED 10-5-82
 8. DEAD WGT. SER. LAST CALIBRATED
 9. RANGE WATER DATE 10-11-82
 10. TEST FLUID WATER DATE 11-8-82
 11. SUPERVISOR [REDACTED] GEB: B.625 WT. 322
 12. APPROVED [REDACTED] GEB SMLS
 SA LENGTH: 10'-0"
 GA PIPE SPEC: APISL GEB SMLS

