

P & ANDE  
**GAS OPERATIONS**  
**STRENGTH TEST PRESSURE REPORT**  
 (FOR PIPE FACILITIES OPERATING OVER 100 PSIG)

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

SHEET 1 OF 1

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

DIST. MAIN OR LINE NO. <i>4" DFM</i>	DIVISION <i>EAST BAY</i>	DISTRICT <i>DIABLO</i>	W.O. OR G.M. NO. <i>69-4354</i>	DATE APPROVED
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DESCRIPTION OF JOB - INCLUDE REFERENCE DRAWING NUMBERS  
*RELOCATE 4" TP MAIN IN ST. MARYS RD, LAFAYETTE, TO ACCOMMODATE CONSTRUCTION OF LAS TRAMPAS CREEK BRIDGE*

LOCATION CLASS	DESIGN FACTOR (F)	PRESENT MAOP OF LINE (PSIG)	DESIGN PRESSURE - THIS SECTION	PLANNED FUTURE MAOP
<i>3</i>	<i>.50</i>	<i>170</i>	<i>230</i>	<i>-</i>

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 _____ FT. MIN. ELEVATION _____ FT. DIFF. _____ FT.	STATIC HEAD CALCULATION FOR WATER 0.433 X DIFF. _____ PSIG OTHER (SPECIFY) _____ X DIFF. _____
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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. DSAW.	SEAMLESS	AT DESIGN PRESS.	AT MIN. TEST PRESS.	AT MAX. TEST PRESS.			
<i>4.5</i>	<i>.237</i>	<i>API 5L</i>	<i>GB</i>	<i>SEAMLESS, SCH 40</i>	<i>J.A.W. 6.2</i>	<i>9.4</i>	<i>100</i>	<i>3318</i>	<i>177'</i>	<i>J.A.W.</i>

MINIMUM PRESSURE FOR TEST	<i>345</i> PSIG	TEST FLUID TO BE USED.	<i>WATER</i>	MINIMUM TEST DURATION UNDER 30% SMYS (1 HR. MIN)	<i>1</i> HRS.
MAXIMUM PERMISSABLE TEST PRESSURE	<i>3686</i> PSIG	PREINSTALLATION TEST (SEE 192.505(B) GO 112)			

PREPARED BY: *R. HOLMBERG* DATE: *1-27-75* FOR INFORMATION OR CHANGES, CALL *GW REIMERS* APPROVED *[Signature]*

**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	<i>10-15-75</i>	ELEVATION AT TEST POINT	FT.	INDICATED TEST PRESSURE	<i>500</i> PSIG.
TIME AND DATE TEST ENDED	<i>10-15-75</i>	MAX. ELEVATION IN TEST SECTION	FT.	MINIMUM TEST PRESSURE	PSIG.
ACTUAL DURATION OF TEST	<i>1 Hour</i>	MIN. ELEVATION IN TEST SECTION	FT.	MAXIMUM TEST PRESSURE	PSIG.

TEST FLUID USED <i>NITROGEN GAS</i>	PIPE SPEC. VERIFIED (SEE PART I)	PIPE FOOTAGE VERIFIED (SEE PART I)
MAKE, RANGE & SERIAL NO. OF RECORDING GAUGE <i>SPRING 0-600 # E.B. 1026</i>	DATE LAST CALIBRATION <i>10-13-75</i>	MAKE, RANGE & SERIAL NO. OF DEAD WEIGHT TESTER
		DATE LAST CALIBRATION

TEST SUPERVISED BY: *B.J. TONELLI* APPROVED BY: *J.A. Wicks* DATE: *12-10-75*

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 FOR SKETCH



**DISTRIBUTION**  
 DIST. GAS SUPT.-JOB FILE  
 DIV. GAS SUPT.  
 GC GAS-ASSIGNED JOBS  
 GAS SYSTEM DESIGN (2)  
 PLANT ACCTG. (WITH FOREMAN'S COPY OF PIPELINE HISTORY FILE)  
 \*REPORT FAILURES UNDER TEST TO GAS SYSTEM DESIGN AND GAS DISTRIBUTION