

1-27
4-2-62R

PIPELINE OPERATIONS
DEPARTMENT OF GAS SYSTEM DESIGN
STRENGTH TEST PRESSURE REPORT
(Per General Order 112, Paragraph 209)

SHEET 2 of 2

Date August 29, 1962

Job No. G.S. 148721

1. Project Description: Construct 0-inch gas transmission main - Kettleman to Morro Bay
(Section 1 - Pipeline station 0+00 to 159+25) (PIPE PRESSURE)

2. Pipeline Data:

	Size	Wall Thickness	Pipe Specifications
(a) Mainline	20"	80' of 0.341"	X-52
	20"	4,012' of 0.250"	XC-60
	20"	11,833' of 0.250"	X-52

(b) Design Operating Pressure, maximum 900 psig

(c) Stress at Max. D.O.P. 36,000 psi; as % of yield _____

(d) Location class II Type construction A (B on road crossings)

(e) Test Pressure 1,300 maximum psig; fluid water
1,070 minimum psig; "

(f) Stress at Test Pressure 52,000 MAX. psi; as % of yield 100
43,000 MIN. psi; " " " " 83

(g) Period of Test (See Instruction 3) 24 hours 55 minutes. Pressure stable at 1,282 psi for 2 hours 50 minutes

3. Test Data

(a) Date and time started test 7/16/62, 3:35 PM, fluid used water

(b) Date and time reached test pressure 7/16/62, 3:40 PM at 1,302 psi

(c) Date and time concluded test 7/17/62, 1:35 PM, actual test pressure 1,282 psi

(d) Date and time Purging started 8-8-62 6:50 AM, concluded 1:45 PM to 4:35 PM

(e) Date and time Pipeline tied into System 8/28/62, 8:00 PM

(f) Date and time Pipeline placed in Operation 8/28/62, 9:00 PM

(g) Name of PG&E Supervisor conducting test P. E. Long

(h) Who made test? River Construction Corporation

General Construction Department P. E. Long and J. W. Paxton

Division - Pipe Line Operations -

Contractor (Indicate Name) - River Construction Corporation

- Instructions:
- Strength test is required for all mains to operate at hoop stress of 20% or more of the specified minimum yield strength.
 - Test procedures are to conform to the requirements of paragraphs 841.3 and 841.4 (Section 209) of C.P.U.C. General Order No. 112.
 - The test period shall be suitable for the section of main to be tested; but in no instance shall it be less than 1 hour after stabilizing of pressure.
 - Retain one copy of completed report in job file. Send one copy to Division Operating Department and two to Department of Gas System Design.

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