

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

Date August 29, 1962

Job No. GM 148721

1. Project Description: Construct 20-inch gas transmission main - Kettleman to Morro Bay
(Mainline valve #3 to angle M-99 section) (Pipeline station 2286+53 to 2923+82)

2. Pipeline Data:

	Size	Wall Thickness	Pipe Specifications
(a) Mainline	20"	1,705.14' of 0.281"	X-52
	20"	2,180.22' of 0.344"	X-52
	20"	59,844. ' of 0.250"	X-52

(b) Design Operating Pressure, maximum 900 psig

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

(d) Location class _____ Type construction _____
" " " "

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

(f) Stress at Test Pressure _____ psi; as % of yield _____
" " " "

(g) Period of Test (See Instruction 3) 4 hours 36 minutes. Pressure stable at 1,292 psi
from 3:15 PM to 5:15 PM 7/29/62

3. Test Data

(a) Date and time started test 7/29/62, 10:43 AM fluid used water

(b) Date and time reached test pressure 7/29/62, 12:39 PM at 1,300 psi

(c) Date and time concluded test 7/29/62, 5:15 PM actual test pressure 1,296 psi

(d) Date and time Purging started _____ concluded _____

(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
Division - Pipe Line Operations
Contractor (Indicate Name) -

P. E. Long and J. W. Paxton

River Construction Corporation

GM148721

- 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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