

4409-4432

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

Date August 29, 1962Job No. GM 148721

1. Project Description: Construct 20-inch gas transmission main - Kettleman to Morro Bay
(Offset drip test) (Pipeline station 3696+50)

2. Pipeline Data:

| | Size | Wall Thickness | Pipe Specifications |
|--|--|----------------|---------------------|
| (a) Mainline | 20" | 12' of 0.344" | X-52 |
| | 20" | 12' of 0.500" | |
| | 24" | 50' of 0.500" | |
| (b) Design Operating Pressure, maximum | 900 | psig | |
| (c) Stress at Max. D.O.P. | psi; as % of yield | | |
| | " " " " | | |
| (d) Location class | Type construction | C | |
| | " " | | |
| (e) Test Pressure | 1,773 maximum | psig; fluid | water |
| | | psig; " | |
| (f) Stress at Test Pressure | psi; as % of yield | | |
| | psi; " " " " | | |
| (g) Period of Test (See Instruction 3) | 2 hours 15 minutes. Pressure stable at 1,750 psi from 5:00 PM to 7:00 PM, 8/3/62 | | |

3. Test Data

| | | | |
|--|--------------------------------|----------------------|-----------|
| (a) Date and time started test | 8/3/62, 4:30 PM | fluid used | water |
| (b) Date and time reached test pressure | 8/3/62, 4:45 PM at 1,780 psi | | |
| (c) Date and time concluded test | 8/3/62, 7:00 PM | actual test pressure | 1,765 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 | J. W. Paxton | | |
| (h) Who made test? | River Construction Corporation | | |

General Construction Department
Division - Pipe Line Operations
Contractor (Indicate Name) -

J. W. Paxton

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.

maop05432893.jpg