

#75-27
4-2-62R
9758

3801-3803

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- Morro

Bay MLV # 1 to State Hwy. # 41 Pipeline Station 702+94 to 2056+03

2. Pipeline Data:	<u>Size</u>	<u>Wall Thickness</u>	<u>Pipe Specifications</u>
(a) Mainline	<u>20"</u>	<u>.250</u>	<u>X-52</u>
(b) Design Operating Pressure, maximum	<u>900</u>	<u>psig</u>	
(c) Stress at Max. D.O.P. <u>36,000</u>	<u>psi; as % of yield</u>	<u>69</u>	
(d) Location class <u>1</u>	<u>Type construction</u>	<u>A</u>	
(e) Test Pressure <u>1000 Min.</u>	<u>psig; fluid</u>	<u>GAS</u>	
(f) Stress at Test Pressure <u>40,000</u>	<u>psi; as % of yield</u>	<u>77</u>	
(g) Period of Test (See Instruction 3)			

3. Test Data

(a) Date and time started test 8-9-62 11:00PM, fluid used GAS
 (b) Date and time reached test pressure 8-10-62 2:45 AM
 (c) Date and time concluded test 8-10-62 5:05AM, actual test pressure 1061
 (d) Date and time Purging started 8-8-62 6:50 AM, concluded 8-8-62 7:35 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 Gv. E. Shields
 (h) Who made test? J. W. Paxton

General Construction Department AC Fantozzi & JW Paxton
 Division - Pipeline Operations
 Contractor (Indicate Name) - River Construction Corporation

- Instructions:
1. Strength test is required for all mains to operate at hoop stress of 20% or more of the specified minimum yield strength.
 2. 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.
 3. 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.
 4. 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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