

#75-27  
6-30-61R  
92130

(AS OPERATIONS  
STRENGTH TEST PRESSURE REPORT  
(Per General Order 112, Paragraph 209)

SHEET 1 of 2

Date August 29, 1962

G.M. No. 118721

1. Project Description: Construct 20-inch gas transmission main - Kettelman to Morro Bay  
(Highway 11/166 section - Pipeline station 2056+03 to 2076+08)

Size	Wall Thickness	Steel Specifications
(a) Mainline <u>20"</u>	<u>1,813' of 0.250"</u>	<u>X-52</u>
(b) Design Operating Pressure, maximum <u>900</u> psi	<u>187' of 0.251"</u>	<u>X-52</u>
(c) Stress at Max. D.O.P. <u>36,000</u> psi; as % of yield <u>69</u>		
(d) Location class <u>1</u> Type construction <u>B</u>		
(e) Test Pressure <u>1,300 maximum</u> psi; fluid <u>water</u> <u>1,070 minimum</u> psi; " <u>water</u>		
(f) Stress at Test Pressure <u>52,000</u> psi; as % of yield <u>100</u> <u>43,000</u> psi; " " " " <u>83</u>		
(g) Period of Test (See Instruction 3) <u>4 hours 4 minutes (repressured - see sheet #2)</u>		

3. Test Data

(a) Date and time started test 7/25/62, 1:55 PM, fluid used water  
(b) Date and time reached test pressure 7/25/62, 4:16 PM at 1,292 psi  
(c) Date and time concluded test 7/25/62, 5:20 PM actual test pressure 1,263 psi  
(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 8/23/62, 8:00 PM  
(f) Date and time Pipeline placed in Operation 8/23/62, 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. J. Long and J. W. Paxton  
Division - Pipe Line 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 initial stabilizing of pressure.
  4. Retain one copy of completed report in job file. Send one copy to Division Operating Department and two to Vice President in Charge of Gas Operations.

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