

#75-27  
4-2-62R

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

FILE  
Date July 26, 1962

Job No. GM 1437211. Project Description: Construct 20-inch gas transmission main - Kettleman to Morro Bay(20-inch main downstream of 12-inch orifice meter tubes

## 2. Pipeline Data:

	Size	Wall Thickness	Pipe Specifications
(a) Mainline	20"	0.500"	X-42
(b) Design Operating Pressure, maximum	900	psig	
(c) Stress at Max. D.O.P. <u>18,000</u>	psi; as % of yield		43
(d) Location class <u>3</u>	Type construction	C	
(e) Test Pressure <u>1,350</u>	psig; fluid	Water	
(f) Stress at Test Pressure <u>27,000</u>	psi; as % of yield		64
(g) Period of Test (See Instruction 3)	one hour		

## 3. Test Data

(a) Date and time started test 7/26/62, 1:54 P.M., fluid used Water

(b) Date and time reached test pressure 7/26/62, 2:00 P.M.

(c) Date and time concluded test 7/26/62, 3:00 P.M., actual test pressure 1350

(d) Date and time Purging started 8-3-62 6:50 AM, concluded 8-3-62 7:35 PM

(e) Date and time Pipeline tied into System 8/6/62 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 \_\_\_\_\_

(h) Who made test? J. K. Taylor

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

J. K. Taylor  
H. E. Hancock

Filename: maop05271032.tif  
Route 306  
Pipe Features 35-41

- 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.

PLU  
KETTLER