

NEW MEXICO OIL CONSERVATION COMMISSION  
INITIAL POTENTIAL TEST-DATA SHEET

FORM C-122-B

This form must be used for reporting all pitot tube tests made in the State. It is particularly important that it be used for reporting Initial Potential Tests in the San Juan Basin as prescribed by Order No. R-333 and by the New Mexico Oil Conservation Commission Manual of Tables and Procedure for Initial Potential (Pitot Tube) Tests.

POOL Flamingo FORMATION Flamingo  
COUNTY San Juan DATE WELL TESTED 12-2-54

OPERATOR Southern Union Gas LEASE Quinn WELL NO. 5  
1/4 SECTION: SW UNIT LETTER N SEC. 28 TWP. 31N RGE. 3W  
CASING: 7 " O.D. SET AT 1905 TUBING 2-3/8 " WT. 4.70 SET AT 5224  
PAY ZONE: FROM 1865 TO 5245 GAS GRAVITY: MEAS. \_\_\_\_\_ EST. 0.690  
TESTED THROUGH: CASING \_\_\_\_\_ TUBING 28  
TEST NIPPLE 2" I.D. TYPE OF GAUGE USED ☐ (Spring) ☒ (Monometer)

OBSERVED DATA

SHUT IN PRESSURE: CASING 1002 TUBING: 770 S. I. PERIOD 24 days  
TIME WELL OPENED: 11:50 AM TIME WELL GAUGED: 2:50 PM  
IMPACT PRESSURE: 13.6" Hg  
VOLUME (Table I) .. .. . 1865.2 (a)  
MULTIPLIER FOR PIPE OR CASING (Table II) .. .. . 1.063 (b)  
MULTIPLIER FOR FLOWING TEMP. (Table III) .. 38°F. .. .. . 1.0281 (c)  
MULTIPLIER FOR SP. GRAVITY (Table IV) . . . . . 0.9705 (d)  
AVE. BAROMETER PRESSURE AT WELLHEAD (Table V) .. .. . 11.8 psia  
MULTIPLIER FOR BAROMETRIC PRESSURE (Table VI) .. .. . 0.992 (e)  
INITIAL POTENTIAL, MCF/24 Hrs. (a) x (b) x (c) x (d) x (e) = 1970

WITNESSED BY: \_\_\_\_\_  
COMPANY: \_\_\_\_\_  
TITLE: \_\_\_\_\_

TESTED BY: Edney Heath  
COMPANY: Southern Union Gas  
TITLE: Engineer



708# on casing at end of test

Note: See reverse side

When the well was first opened, it blew for approximately two minutes before it completely logged off. It took approximately five minutes for the well to build up enough pressure to start cleaning. During cleaning the well unloaded large quantities of thick black mud.

Thirty minutes, before the end of the test, the pressure on the casing was 730#. The pressure on the casing dropped steadily until it reached 700# at the end of the test. It seemed that the volume of the well was increasing at the end of the test instead of dropping off.