

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, & ALL DAKOTA
EXCEPT BARKER DOME STORAGE AREA)

Pool South Blanco Formation Pictured Cliff County Rio Arriba
Purchasing Pipeline El Paso Natural Gas Company Date Test Filed _____
Operator El Paso Natural Gas Co. Lease Rincón Well No. 53
Unit 1 Sec. 22 Twp. 27 Rge. 6 Pay Zone: From 3062 To 3137
Casing: OD 5 1/2 WT. 15.5 Set At 3067 Tubing: OD 1 WT. 1.68 T. Perf. 3105
Produced Through: Casing _____ Tubing X Gas Gravity: Measured _____ Estimated .655
Date of Flow Test: From 11/30 To 12/8 * Date S.I.P. Measured 9/27/55
Meter Run Size 4 Orifice Size _____ Type Chart Sq. Rt. Type Taps Flange

OBSERVED DATA

Flowing casing pressure (Dwt) _____ psig + 12 = _____ psia (a)
Flowing tubing pressure (Dwt) _____ psig + 12 = _____ psia (b)
Flowing meter pressure (Dwt) _____ psig + 12 = _____ psia (c)
Flowing meter pressure (meter reading when Dwt. measurement taken):
Normal chart reading _____ psig + 12 = _____ psia (d)
Square root chart reading (_____) ² x spring constant _____ = _____ psia (d)
Meter error (c) - (d) or (d) - (c) _____ ± _____ = _____ psi (e)
Friction loss, Flowing column to meter:
(b) - (c) Flow through tubing: (a) - (c) Flow through casing _____ = _____ psi (f)
Seven day average static meter pressure (from meter chart):
Normal chart average reading _____ psig + 12 = _____ psia (g)
Square root chart average reading (7.10) ² x sp. const. 5 _____ = 252 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = 252 psia (h)
P_t = (h) + (f) _____ = 252 psia (i)
Wellhead casing shut-in pressure (Dwt) 1065 psig + 12 = 1077 psia (j)
Wellhead tubing shut-in pressure (Dwt) 1065 psig + 12 = 1077 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 1077 psia (l)
Flowing Temp. (Meter Run) 53 °F + 460 _____ = 513 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) _____ = 539 psia (n)

FLOW RATE CALCULATION

Q = _____ X $\left(\frac{\sqrt{P_c}}{\sqrt{P_d}} \right) = \frac{604}{\sqrt{P_d}} = \frac{604}{\sqrt{539}} = 604$ MCF/ca
(integrated)

DELIVERABILITY CALCULATION

D = Q 604 $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = \frac{869,408}{968,538} \cdot \frac{.8976}{.9123} = 551$ MCF/da.

SUMMARY

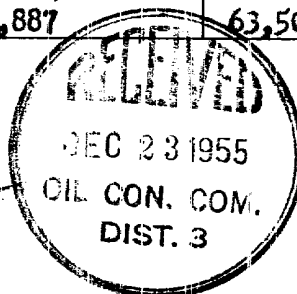
P_c = 1077 psia
Q = 604 Mcf/day
P_w = 437 psia
P_d = 539 psia
D = 551 Mcf/day
Company El Paso Natural Gas Company
By Original Signed
Title Lewis D. Galloway
Witnessed by _____
Company _____

* This is date of completion test.
* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	(1-e ^{-S})	(F _c Q) ²	(F _c Q) ² (1-e ^{-S}) R ²	P _t ² (Column i)	P _t ² + R ²	P _w
<u>2034</u>	<u>.138</u>	<u>926.715</u>	<u>127,887</u>	<u>63,504</u>	<u>191,391</u>	<u>437</u>

D @ 250 = 602

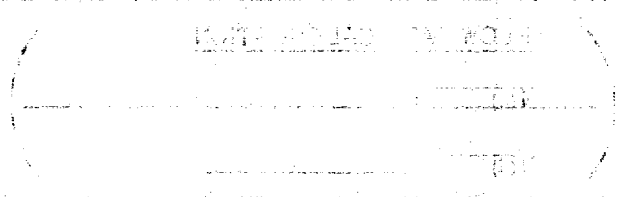


REPORT ON THE PROGRESS OF THE WORK OF THE COMMISSION DURING THE YEAR 1934

REPORT MADE AT THE ANNUAL MEETING OF THE COMMISSION HELD AT SANTA FE, NEW MEXICO, ON JANUARY 15, 1935

The Commission was organized on July 1, 1933, under the provisions of the Act of Congress approved March 3, 1933, entitled "An Act to conserve the oil resources of the United States, and for other purposes." The Commission was organized to study the oil resources of the United States, and to make recommendations to the Secretary of the Interior for the conservation of these resources.

The Commission has since that time been engaged in a study of the oil resources of the United States, and has made numerous recommendations to the Secretary of the Interior. The Commission has also been engaged in a study of the oil resources of the United States, and has made numerous recommendations to the Secretary of the Interior. The Commission has also been engaged in a study of the oil resources of the United States, and has made numerous recommendations to the Secretary of the Interior.



The Commission has since that time been engaged in a study of the oil resources of the United States, and has made numerous recommendations to the Secretary of the Interior. The Commission has also been engaged in a study of the oil resources of the United States, and has made numerous recommendations to the Secretary of the Interior.

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Copies Received 3		
DISTRIBUTION		
	NO.	DATE
Operator		
Santa Fe	1	
Proration Office		
State Land Office		
U. S. G. S.	1	
Transporter		
File	1	