

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 Pictured Cliff Formation Pictured Cliff County San Juan
Purchasing Pipeline El Paso Natural Gas Company Date Test Filed _____
Operator El Paso Natural Gas Lease White-Rate Well No. 1
Unit 1 Sec. 12 Twp. 28 Rge. 10 Pay Zone: From 112 1957 To 1981
Casing: OD 5 1/2 WT. 1 1/4 Set At 1957 Tubing: OD 1 WT. 1.7 T. Perf. 1961
Produced Through: Casing X Tubing _____ Gas Gravity: Measured .665 Estimated _____
Date of Flow Test: From 5/31 To 6/8 * Date S.I.P. Measured _____
Meter Run Size 1/4 Orifice Size _____ Type Chart 24, 31 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 (7.30) ² x sp. const. .500 _____ = 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) 573 psig + 12 = 585 psia (j)
Wellhead tubing shut-in pressure (Dwt) _____ psig + 12 = _____ psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 585 psia (l)
Flowing Temp. (Meter Run) 63 °F + 460 _____ = _____ °Abs (m)
P_d = 1/2 P_c = 1/2 (l) _____ = 293 psia (n)

FLOW RATE CALCULATION

Q = _____ X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} \right) = \underline{248} \text{ MCF/da}$
(integrated)

DELIVERABILITY CALCULATION

D = Q 248 $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = \underline{231} \text{ MCF/da.}$
 $\frac{256,376}{270,721}$ $\frac{.9190}{.9313}$

SUMMARY

P_c = 585 psia Company El Paso Natural Gas Company
Q = 248 Mcf/day By _____
P_w = 293 psia Title Original Signed
P_d = 293 psia Witnessed by Lewis D. Galloway
D = 231 Mcf/day 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

D = 231 = 244

OK



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Section 1: Introduction
This document is a report on the results of the survey conducted in the area of the project. The survey was carried out by the team of experts in the field of research. The results of the survey are presented in the following sections.

Section 2: Methodology
The methodology used in this study is based on the principles of scientific research. The data was collected through a series of interviews and observations. The results of the survey are presented in the following sections.

Section 3: Results
The results of the survey are presented in the following sections. The data shows that the majority of the respondents are in the age group of 18-25 years. The results of the survey are presented in the following sections.

Section 4: Conclusion
The conclusion of the survey is that the majority of the respondents are in the age group of 18-25 years. The results of the survey are presented in the following sections.