

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)

72-347-01

Pool East Blanco P.G. Formation Pictured Cliffs County Rio Arriba
Purchasing Pipeline El Paso Natural Gas Date Test Filed _____

Operator El Paso Natural Gas Lease San Juan 30-4 Well No. 22
Unit M Sec. 3 Twp. 30 Rge. 4 Pay Zone: From 4078 To 4151
Casing: OD 5-1/2 WT. 15.5 Set At 4360 Tubing: OD 1-1/4 WT. 2.4 T. Perf. 4298
Produced Through: Casing _____ Tubing X Gas Gravity: Measured .627 Estimated _____
Date of Flow Test: From 12/7/58 To 12/15/58 Date S.I.P. Measured 9/29/58 (12 days)
Meter Run Size _____ Orifice Size _____ Type Chart _____ Type Taps _____

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. 10 = 504 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = 504 psia (h)
P_t = (h) + (f) _____ = 504 psia (i)
Wellhead casing shut-in pressure (Dwt) 730 psig + 12 = 742 psia (j)
Wellhead tubing shut-in pressure (Dwt) 731 psig + 12 = 743 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 743 psia (l)
Flowing Temp. (Meter Run) 40 °F + 460 _____ = 500 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) _____ = 372 psia (n)

Q = _____ X $\left(\frac{\text{FLOW RATE CALCULATION}}{\frac{\sqrt{(c)}}{\sqrt{(d)}}} \right)^* = \underline{536} \text{ MCF/da}$
(integrated)

DELIVERABILITY CALCULATION

D = Q 536 $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = \frac{1.5490}{1.4520} = \underline{778} \text{ MCF/da.}$
 $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right] = \frac{413,665}{267,037}$

SUMMARY

P_c = 743 psia
Q = 536 Mcf/day
P_w = 534 psia
P_d = 372 psia
D = 778 Mcf/day

Company El Paso Natural Gas
By Original Signed
Title Harold L. Kendrick
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
2695	.178	174.134	30,996	254,016	285,012	534

D at 250 = 808

OK



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ROBERT BAKER DOWNS STORAGE AREA

1000

editors names addresses phone city state zip

2025 Internal Use Only

Figure 1

25

1-20-84 10:00

[illegible][illegible]

• **2007** – **100th Anniversary** of the **1907** **Declaration** of **Independence** of **India**

[illegible][illegible][illegible]
$$E_{\text{eff}} = \frac{E_0}{1 + \frac{1}{2} \frac{E_0}{E_{\text{eff}}}} \quad (1)$$

MAY 1968

4050-1-107-102-10

622

0.5-1.0
0.5-1.0

20-112
12-19

22

7-2-1974

... 2000 ...

2010年11月11日

1

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4

10

10

24. HALL, J. C. 1973. *Journal of Fish Biology* 5: 1-10.[illegible]

53 = 53 + 0

