

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 Wildcat Formation Pictured Cliff County Rio Arriba
Purchasing Pipeline El Paso Natural Gas Company Date Test Filed _____

Operator El Paso Natural Gas Lease Johnston State Well No. 1
Unit N Sec. 32 Twp. 26N Rge. 6W Pay Zone: From 2864 To 2871
Casing: OD 7 WT. 20 Set At 2864 Tubing: OD 1 WT. 1.68 T. Perf. 2876
Produced Through: Casing I Tubing _____ Gas Gravity: Measured _____ Estimated _____
Date of Flow Test: From See Below To _____ * Date S.I.P. Measured 11/29/55
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: _____ = _____ psi (f)
(b) - (c) Flow through tubing; (a) - (c) Flow through casing
Seven day average static meter pressure (from meter chart):
Normal chart average reading _____ psig + 12 = _____ psia (g)
Square root chart average reading (_____) ² x sp. const. _____ = _____ psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = _____ psia (h)
P_t = (h) + (f) _____ = _____ psia (i)
Wellhead casing shut-in pressure (Dwt) 853 psig + 12 = _____ psia (j)
Wellhead tubing shut-in pressure (Dwt) 853 psig + 12 = _____ psia (k)
P_c = (j) or (k) whichever well flowed through _____ = _____ psia (l)
Flowing Temp. (Meter Run) _____ °F + 460 _____ = _____ °Abs (m)
P_d = ½ P_c = ½ (l) _____ = _____ psia (n)

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

DELIVERABILITY CALCULATION

$$D = Q \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \text{_____} = \text{0 MCF/da.}$$

SUMMARY

P_c = _____ psia
Q = _____ Mcf/day
P_w = _____ psia
P_d = _____ psia
D = _____ Mcf/day

Company El Paso Natural Gas Company
By Original Signed
Title Lewis D. Galloway
Witnessed by _____
Company _____

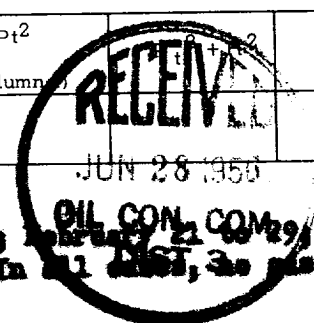
* This is date of completion test.
* Meter error correction factor

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 3) | P _w |
|----|----------------------|---------------------------------|--|---|----------------|
| | | | | | |

Tests were attempted as follows: February 8 to 16, 1956; February 29 to March 8; March 9 to 17; March 17 to 24. In all cases, no gas passed.

OK





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|-----------------------------|------------------|---|
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