

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)

72-281-01

Pool Undesignated Formation Pictured Cliffs County Rio Arriba
Purchasing Pipeline El Paso Natural Gas Date Test Filed _____

Operator El Paso Natural Gas Lease Canyon Largo Unit Well No. 12
Unit A Sec. 10 Twp. 25 Rge. 6 Pay Zone: From 2870 To 2912
Casing: OD 5-1/2 WT. 15.5 Set At 2923 Tubing: OD 1-1/4 WT. 2.4 T. Perf. 2862
Produced Through: Casing _____ Tubing X Gas Gravity: Measured 667 Estimated _____
Date of Flow Test: From 11/7/58 To 11/15/58* Date S.I.P. Measured 7/31/58 (31 days)
Meter Run Size _____ Orifice Size 1.000 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 (6.80)² x sp. const. 5 = 231 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = 231 psia (h)
P_t = (h) + (f) _____ = 231 psia (i)
Wellhead casing shut-in pressure (Dwt) _____ 863 psig + 12 = _____ psia (j)
Wellhead tubing shut-in pressure (Dwt) _____ 863 psig + 12 = _____ psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 875 psia (l)
Flowing Temp. (Meter Run) _____ 53 °F + 460 _____ = 513 °Abs (m)
P_d = ½ P_c = ½ (l) _____ = 438 psia (n)

Q = _____ X $\left(\frac{\text{FLOW RATE CALCULATION}}{\frac{\sqrt{(c)}}{\sqrt{(d)}}} \right)^* = \underline{252} \text{ MCF/da}$
(integrated)

DELIVERABILITY CALCULATION

D = Q 252 $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n \frac{8112}{8370} = \underline{211} \text{ MCF/da.}$

SUMMARY

P_c = 875 psia
Q = 252 Mcf/day
P_w = 242 psia
P_d = 438 psia
D = 211 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
1909	.130	38.490	5.004	53361	58365	242

D at 250 = 247

