

Revised April 20, 1955

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 Cliffs County Rio Arriba
Purchasing Pipeline El Paso Natural Gas Date Test Filed _____

Operator El Paso Natural Gas Lease Rincon Well No. 65
Unit 0 Sec. 25 Twp. 27 Rge. 7 Pay Zone: From 3112 To 3140
Casing: OD 5-1/2 WT. 15.5 Set At 3198 Tubing: OD 2 WT. 4.7 T. Perf. 3099
Produced Through: Casing X Tubing _____ Gas Gravity: Measured .645 Estimated _____
Date of Flow Test: From 10/23 To 10/31 * Date S.I.P. Measured 11/1/57
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 (7.20) ² x sp. const. .5 _____ = 295 psia (g)
Corrected seven day ave. meter press. (p_f) (g) + (e) _____ = 299 psia (h)
P_t = (h) + (f) _____ = 299 psia (i)
Wellhead casing shut-in pressure (Dwt) 954 psig + 12 = 966 psia (j)
Wellhead tubing shut-in pressure (Dwt) 953 psig + 12 = 965 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 966 psia (l)
Flowing Temp. (Meter Run) 68 °F + 460 _____ = 508 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) _____ = 483 psia (n)

FLOW RATE CALCULATION

Q = _____ X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} \right)^* = \underline{2646}$ MCF/day
(integrated)

DELIVERABILITY CALCULATION

D = Q 2646 $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = \underline{2213}$ MCF/day
 $\frac{699,867}{863,353}$ $\frac{.8106}{.8364}$

SUMMARY

P_c = 966 psia Company El Paso Natural Gas
Q = 2646 Mcf/day By Original Signed
P_w = 264 psia Title _____
P_d = 483 psia Witnessed by Lewis D. Galloway
D = 2213 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
1999	0.135	20,160	2722	67,081	69,803	264

D at 250 = 2641



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