

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

Operator El Paso Natural Gas Lease Rincon Unit Well No. 69
Unit L Sec. 27 Twp. 27 Rge. 7 Pay Zone: From 2957 To 3008
Casing: OD 5-1/2 WT. 13.5 Set At 3075 Tubing: OD 1-1/4 WT. 2.3 T. Perf. 2932
Produced Through: Casing _____ Tubing X Gas Gravity: Measured .700 Estimated _____
Date of Flow Test: From 9/22/57 To 9/30/57 Date S.I.P. Measured 1/9/57
Meter Run Size _____ Orifice Size _____ Type Chart _____ Type Taps _____

OBSERVED DATA

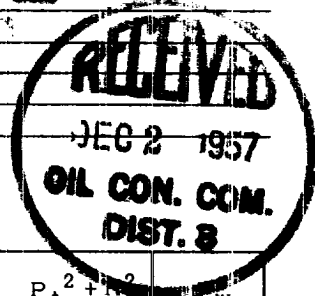
Flowing casing pressure (Dwt) _____ psig + 12 = _____ psia (a)
Flowing tubing pressure (Dwt) _____ psig + 12 = _____ psia (b)
Flowing meter pressure (Dwt) _____ psig + 12 = _____ psia (c)
Flowing meter pressure (meter reading when Dwt. measurement taken:
Normal chart reading _____ psig + 12 = _____ psia (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 (7.50) ² x sp. const. .5 _____ = 281 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = 281 psia (h)
P_t = (h) + (f) _____ = 281 psia (i)
Wellhead casing shut-in pressure (Dwt) 832 psig + 12 = 844 psia (j)
Wellhead tubing shut-in pressure (Dwt) 833 psig + 12 = 845 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 845 psia (l)
Flowing Temp. (Meter Run) 62 °F + 460 _____ = 522 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) _____ = 423 psia (n)

Q = _____ X $\left(\frac{\text{FLOW RATE CALCULATION}}{\sqrt{(c)} = \dots = \dots} \right)^* = \underline{324}$ MCF/day
(integrated) $\sqrt{(d)} = \dots$

DELIVERABILITY CALCULATION
D = Q 324 $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \underline{283}$ MCF/day
 $\frac{535,096}{626,219} \cdot \frac{.8544}{.5747}$

SUMMARY
P_c = 845 psia
Q = 324 Mcf/day
P_w = 296 psia
P_d = 423 psia
D = 283 Mcf/day

Company El Paso Natural Gas
By _____ Original Signed _____
Title _____
Witnessed by Lewis D. Galloway
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 + P _w ²	P _w
2066	.139	63.633	8.845	78,961	87,806	296

D at 250 = 328

OPC