

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 Cliff County Blanco Arriba
Purchasing Pipeline El Paso Natural Gas Date Test Filed _____

Operator El Paso Natural Gas Lease Rincon Unit Well No. 72
Unit P Sec. 33 Twp. 27 Rge. 7 Pay Zone: From 2902 To 2922
Casing: OD 5-1/2 WT. 15.5 Set At 2970 Tubing: OD 1-1/4 WT. 2.3 T. Perf. 2909
Produced Through: Casing X Tubing _____ Gas Gravity: Measured .665 Estimated _____
Date of Flow Test: From 9/22 To 9/30/57 * Date S.I.P. Measured 1/25/57
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: _____ = _____ 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. .5 = 285 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) = 285 psia (h)
P_t = (h) + (f) = 285 psia (i)
Wellhead casing shut-in pressure (Dwt) 810 psig + 12 = 822 psia (j)
Wellhead tubing shut-in pressure (Dwt) 810 psig + 12 = 822 psia (k)
P_c = (j) or (k) whichever well flowed through = 822 psia (l)
Flowing Temp. (Meter Run) 62 °F + 460 = 522 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) = 411 psia (n)

FLOW RATE CALCULATION

Q = _____ X $\left(\frac{V(c)}{V(d)} \right) = \underline{712}$ MCF/day
(integrated)

DELIVERABILITY CALCULATION

D = Q 712 $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = \underline{622}$ MCF/day
 $\left[\frac{506,763}{594,459} \right]^n = \frac{.8524}{.8731}$

SUMMARY

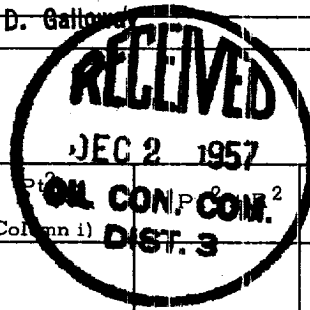
P_c = 822 psia
Q = 712 Mcf/day
P_w = 285 psia
P_d = 411 psia
D = 622 Mcf/day

Company El Paso Natural Gas
By _____
Title Original Signed
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 R ²	(1-e ^{-S})	P _c ² - P _w ² (Column i)	P _w
FRICTION NEGLIGIBLE						



OK

D at 250 = 725