

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)

74-637-01

Pool Canyon Largo 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. 34
Unit D Sec. 12 Twp. 25 Rge. 6 Pay Zone: From 2900 To 2948
Casing: OD 3-1/2 WT. 15.5 Set At 2975 Tubing: OD 2-1/2 WT. 6.4 T. Perf. 2906
Produced Through: Casing X Tubing _____ Gas Gravity: Measured .668 Estimated _____
Date of Flow Test: From 6/21/58 To 6/29/58 * Date S.I.P. Measured 11/26/57
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 (7.75) ² x sp. const. 500 = 300 psia (g)
Corrected seven day avge. meter press. (c) (g) + (e) = 300 psia (h)
P_t = (h) + (f) = 300 psia (i)
Wellhead casing shut-in pressure (Dwt) 865 psig + 12 = 877 psia (j)
Wellhead tubing shut-in pressure (Dwt) 865 psig + 12 = 877 psia (k)
P_c = (j) or (k) whichever well flowed through = 877 psia (l)
Flowing Temp. (Meter Run) 63 °F + 460 = 423 ° Abs (m)
P_d = 1/2 P_c = 1/2 (l) = 439 psia (n)

Q = _____ X $\left(\frac{\text{FLOW RATE CALCULATION}}{\frac{\sqrt{(c)}}{\sqrt{(d)}}} \right)^* = \underline{677} \text{ MCF/da}$
(integrated)

DELIVERABILITY CALCULATION

D = Q 677 $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = \underline{589} \text{ MCF/da.}$
 $\frac{576408}{679129}$ $\frac{.8487}{.8696}$

SUMMARY

P_c = 877 psia
Q = 677 Mcf/day
P_w = 300 psia
P_d = 439 psia
D = 589 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 1)	P _t ² + R ²	P _w
			Friction Negligible			

D at 250 = 695



