

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)

72-255-01

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 Well No. 2
Unit F Sec. 4 Twp. 24 Rge. 6 Pay Zone: From 2368 To 2458
Casing: OD 5-1/2 WT. 15.5 Set At 2476 Tubing: OD 1-1/4 WT. 2.4 T. Perf. 2367
Produced Through: Casing X Tubing _____ Gas Gravity: Measured .670 Estimated _____
Date of Flow Test: From 11/21/58 To 11/29/58 * Date S.I.P. Measured 7/30/58 (390)
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 (6.55) ² x sp. const. 5 = 215 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) = 215 psia (h)
P_t = (h) + (f) = 215 psia (i)
Wellhead casing shut-in pressure (Dwt) 638 psig + 12 = 650 psia (j)
Wellhead tubing shut-in pressure (Dwt) 638 psig + 12 = 650 psia (k)
P_c = (j) or (k) whichever well flowed through = 650 psia (l)
Flowing Temp. (Meter Run) 42 °F + 460 = 502 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) = 325 psia (n)

Q = _____ X $\left(\frac{\text{FLOW RATE CALCULATION}}{\sqrt{(c)} = \text{_____} = \text{_____}} \right)^* = \text{28} \text{ MCF/da}$
(integrated) $\sqrt{(d)} = \text{_____}$

DELIVERABILITY CALCULATION

D = Q 28 $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{316875}{376275} \right]^n \frac{.8421}{.8642} = \text{24} \text{ MCF/da.}$

SUMMARY

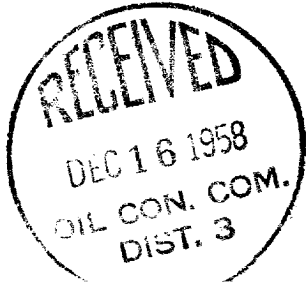
P_c = 650 psia
Q = 28 Mcf/day
P_w = 215 psia
P_d = 325 psia
D = 24 Mcf/day
Company El Paso Natural Gas
By _____
Title _____
Witnessed by _____
Company _____

* 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
			Friction Negligible			

D at 250 = 27



OK

