

Initial Deliverability
Test

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 Lft. Formation Pictured Cliff County San Juan
Purchasing Pipeline El Paso Natural Gas Company Date Test Filed _____

Operator El Paso Natural Gas Lease Blanco Well No. 4-8
Unit 1 Sec. 24 Twp. 22N Rge. 10W Pay Zone: From 2315 To 2352
Casing: OD 5 1/2 WT. 25.5 Set At 2400 Tubing: OD 1 1/2 WT. 2.3 T. Perf. 2307
Produced Through: Casing X Tubing _____ Gas Gravity: Measured .635 Estimated _____
Date of Flow Test: From 4/9 To 4/27/57 * Date S.I.P. Measured 12/5/56
Meter Run Size 4 Orifice Size 2.500 Type Chart Sq. Rt. Type Taps Flange

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. 500 = _____ psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = _____ psia (h)
P_t = (h) + (f) _____ = _____ psia (i)
Wellhead casing shut-in pressure (Dwt) 761 psig + 12 = _____ psia (j)
Wellhead tubing shut-in pressure (Dwt) 761 psig + 12 = _____ psia (k)
P_c = (i) or (k) whichever well flowed through _____ = _____ psia (l)
Flowing Temp. (Meter Run) 59 °F + 460 _____ = _____ °Abs (m)
P_d = 1/2 P_c = 1/2 (l) _____ = _____ psia (n)

Q = 662 (integrated) X $\left(\frac{\text{FLOW RATE CALCULATION}}{\frac{\sqrt{(c)}}{\sqrt{(d)}}} = \frac{\text{_____}}{\text{_____}} = \text{_____} \right)^* = \text{_____}$ MCF/da

D = Q 662 $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{117,360}{211,548} \right]^n \frac{.045}{.0008} = \text{504}$ MCF/da.

SUMMARY

P_c = 773 psia Company El Paso Natural Gas Company
Q = 662 Mcf/day By Original Signed
P_w = 201 psia Title Lewis D. Galloway
P_d = 207 psia Witnessed by _____
D = 504 Mcf/day Company _____

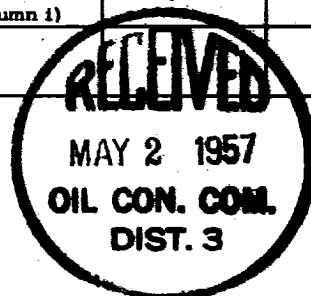
* This is date of completion test.
* Meter error correction factor

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 1)	P _t ² + R ²	P _w

20250 = 673

OK



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