

Initial
Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool BLANCO Formation MV County SJ
Well Name NEIL #2 70535
Unit H S 15 T 31 R 11 Pay Zone 4388 To 5126 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 5168 Tubing O D 2.375 I D 1.995 L 5054 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia Period Of Test Flow From 01-02-66 To 01-10-66 SIP Measured 12-01-65
Deadweight Flowing Pressure, psia Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Chart (d)
Deadweight Shut-In Pressures, psia Meter Error Friction Loss
Casing 805 (j) Tubing 805 (k) 0008 (e) 0 (f)
7 Day-Avg. Flowing Pres., psia
Chart 533 (g) Corrected 533 (h) p_f 533 (i) Gravity .694
G. L. = 3507 1-e^{-s} = .225 F_c 9.402 (F_cQ)² 7.182
(1-e^{-s}) (F_cQ)² = R² = 1616 P_f² = 284089 P_w² = 285705

$$Q = \frac{285}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 285$$
$$D=Q \quad 285 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \left[\frac{233289}{362320} \right]^n = \frac{(.6438)^n}{.7187} = 205$$

REMARKS

OWWO - First Delivered 12-09-65.



SUMMARY

P_c = 805
Q = 285
P_w = 535
P_d = 644
D = 205

Company EL PASO NATURAL GAS CO
By H. L. Kendrick
Title AREA GAS WELL TEST ENGINEER
Witnessed By
Company

66033

1999