

Initial
Deliverability Test

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

Pool BLANCO Formation MV County SJ
Well Name PRITCHARD 2 #3 70532
Unit K S 34 T 31 R 9 Pay Zone 4758 To 5304 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 5345 Tubing O D 2.375 I D 1.995 L 5256 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 06-15-65 To 06-23-65 SIP Measured 05-17-65

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 808 (j) Tubing 763 (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 518 (g) Corrected 518 (h) P_f 518 (i) Gravity .674

G. L. = 3543 1-e^{-s} = .227 F_c 9.402 (F_cQ)² 217.327

(1-e^{-s}) (F_cQ)² = R² = 49333 P_i² = 268324 P₂² = 917657

$$Q = \frac{1568}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1568$$

$$D=Q \frac{1568}{\left[\frac{(P_i^2 - P_d^2)}{(P_c^2 - P_d^2)} \right]^n} = \frac{235548}{335207} \left[\frac{.7026}{.7674} \right]^n = 1203$$

REMARKS

Old well worked over. Re-first Delivered.

SUMMARY

P_c = 808
Q = 1568
P_w = 564
P_d = 646
D = 1203

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



65197

70532
4197