

Initial
Deliverability Test

FORM C-23-A
EL PASO 11-1-65

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

Pool Blanco Formation Mesa Verde County San Juan
Well Name Turner No. 2 70-027
Unit G S 13 T 30 R 10 Pay Zone 5434 To 5538 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 5582 Tubing O D 2.375 I D 1.995 L 5453 Top Perf
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia 935 Period Of Test Flow From 10-23-64 To 10-31-64 SIP Measured 7-29-64

Deadweight Flowing Pressure, psia
Casing 935 (a) Tubing 537 (b) Meter 476 (c) Chart 476 (d)

Deadweight Shut-In Pressures, psia
Casing 935 (j) Tubing 537 (k) Meter Error 476 (e) Friction Loss 696 (f)

7 Day-Avg. Flowing Pres., psia
Chart 476 (g) Corrected 476 (h) P_i 476 (i) Gravity .696

G. L. = 3795 1-e^{-s} = .241 F_c 9.402 (F_cQ)² 279.124

(1-e^{-s}) (F_cQ)² = R² = 67269 P_i² = 226576 P_d² = 293845

$$Q = \frac{1777}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = 1777$$

$$D=Q \frac{1777}{\left[\frac{(P_i^2 - P_d^2)}{(P_i^2 - P_j^2)} \right]^n} = \frac{(1.5422)^n}{.6320} = 1123$$

REMARKS

SUMMARY

P_c = 935
Q = 1777
P_w = 542
P_d = 748
D = 1123

Company EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title SENIOR GAS ENGINEER
Witnessed By _____
Company _____


