

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

Pool Blanco Formation Nogah Verde County San Juan
Well Name Milliken No. 16 (37) 72-245
Unit II S 15 T 32 R 7 Pay Zone 6008 To 6098 Flow String Tubing
Casing O D 5.500 I D 4.950 Set at 0 00 Tubing O D 1.660 I D 1.380 L 6042 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 Period Of Test Flow From 9-30-64 To 10-8-64 SIP Measured 8-31-64

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 1086 (j) Tubing 1086 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 449 (g) Corrected 449 (h) P_f 449 (i) Gravity .595

G. L. = 3595 1-e^{-s} = .230 F_c 24.621 (F_cQ)² 554.037

(1-e^{-s}) (F_cQ)² = R² = 127429 P_i² = 201601 P_e² = 329030

$$Q = \frac{956}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{956}{1} = 956$$

$$D=Q \frac{956}{1} \times \left[\frac{(P_e^2 - P_i^2)}{(P_i^2 - P_w^2)} \right]^n = \frac{(1.4988)}{.5940}^n = 568$$

REMARKS



SUMMARY

P_c = 1086
Q = 956
P_w = 574
P_d = 869
D = 568

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS COMPANY

H. L. KENDRICK
SENIOR GAS ENGINEER
