

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

Pool Blanco Formation Mesa Verde County San Juan
Well Name Burroughs St. No. 4 73-121
Unit M S 2 T 27 R 9 Pay Zone 4608 To 4670 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 4797 Tubing O D 2.0625 I D 1.750 L 4624 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 50 Comm. Designated P_c, psia Period Of Test Flow From 12-17-64 To 12-25-64 SIP Measured 9-10-64

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 1025 (j) Tubing 1025 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) p_i 490 (i) Gravity .670

G. L. = 3098 1-e^{-s} = .202 Fc 13.239 (FcQ)² 3.686

(1-e^{-s}) (FcQ)² = R² = 745 P_i² = 240100 P₂² = 240845

$$Q = \frac{145}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{145}{1} = 145$$

$$D=Q \frac{145}{1} \times \left[\frac{(P_i^2 - P_d^2)}{(P_i^2 - P_2^2)} \right]^n = \left[\frac{378225}{809780} \right]^n = \left(\frac{.4670}{.5647} \right)^n = 82$$

REMARKS

CORRECTED COPY



SUMMARY

P_c = 1025
Q = 145
P_w = 491
P_d = 820
D = 82

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

