

Initial
Deliverability Test

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

Pool Blanco Formation Mesa Verde County San Juan
Well Name Pritchard No. 2-1 70-127
Unit B S 34 T 31 R 9 Pay Zone 4606 To 5158 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 5226 Tubing O D 2.375 I D 1.995 L 5125 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 12-11-63 To 12-19-63 SIP Measured 11-14-63

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 867 (j) Tubing 866 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 586 (g) Corrected 586 (h) P₁ 586 (i) Gravity .664

G. L. = 3403 1-e^{-s} = .219 F_c 9.402 (F_cQ)² 340.292

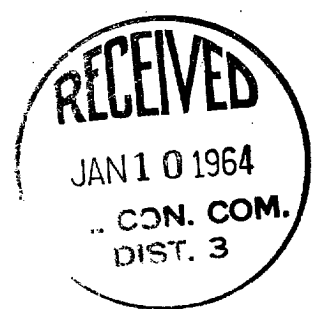
(1-e^{-s}) (F_cQ)² = R² = 74524 P₁² = 343396 P₂² = 417920

$$Q = \frac{1962}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = 1962$$

$$D=Q \times \left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n = \left[\frac{270053}{333769} \right]^n = \left(\frac{.8091}{.8530} \right)^n = 1674$$

REMARKS

- CORRECTED COPY -



SUMMARY

P_c = 867
Q = 1962
P_w = 646
P_d = 694
D = 1674

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

OK
