

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

Pool Blanco Formation Mesa Verde County San Juan
Well Name Riddle No. 3 70-498
Unit B S 10 T 30 R 9 Pay Zone 4574 To 5134 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 5212 Tubing O D 2.375 I D 1.995 L 5099 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 1-4-64 To 1-12-64 SIP Measured 12-9-63

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 864 (j) Tubing 864 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 555 (g) Corrected 555 (h) P₁ 555 (i) Gravity .646

G. L. = 3294 1-e^{-s} = .213 Fc 9.402 (F_cQ)² 157.553

(1-e^{-s}) (F_cQ)² = R² = 33559 P₁² = 308025 P₂² = 341584

Q = 1335 (integrated) X $\sqrt{\frac{(c)}{(d)}}$ = = 1335

D=Q 1335 X $\left[\frac{(P_2^2 - P_3^2)}{(P_1^2 - P_2^2)} \right]^n = \left[\frac{269015}{404912} \right]^n = \frac{(1.6643)}{.7360}^n = \underline{983}$

REMARKS

SUMMARY

P_c = 864
Q = 1335
P_w = 584
P_d = 691
D = 983

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

RECEIVED

JAN 29 1964

OIL CON. COM.
DIST. 3