

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 Riddle No. 1-C (OWO) 70-152

Unit L 30 T 31 R 9 Pay Zone 5223 To 5903 Flow String Tubing

Casing O D 7.000 I D 6.456 Set at 517' Tubing O D 2.375 I D 2.995 L 4953 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 6/1/64 To 6/12/64 SIP Measured 1/27/64

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 492 (j) Tubing (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 456. (g) Corrected 456 (h) P₁ 456 (i) Gravity .650

G. L. = 3219 1-e -s= .209 F_c 9.402 (F_cQ)² 6.022

(1-e -s) (F_cQ)² = R² = 1259 P₁² = 207936 P₂² = 209195

$$Q = \frac{261}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{261}{\quad}$$

$$D=Q \frac{261}{\quad} \times \left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n = \left[\frac{86828}{32869} \right]^n = \frac{(\quad)^n}{2.0000} = \frac{522}{\quad}$$

REMARKS

Run new tubing. Turned back on production 5-8-64.



SUMMARY

P_c = 492
Q = 261
P_w = 457
P_d = 394
D = 522

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

OK
