

Initial
Deliverability Test

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

Pool Blanco Formation Mesa Verde County Rio Arriba
Well Name Rincon No. 33 71-127
Unit M S 22 T 27 R 6 Pay Zone 3745 To 5320 Flow String Tubing
Casing O D 7.000 I D 6.366 Set at 4745 Tubing O D 2.375 I D 1.995 L 4846 Top Perforation 4846
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P. 50 Comm. Designated P., psia 50 Period Of Test Flow From 7-2-63 To 7-10-63 SIP Measured 5-13-63

Deadweight Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Chart (d)

Deadweight Shut-In Pressures, psia
Casing (j) 800 Tubing (k) 575 Meter Error (e) Friction Loss (f)

7 Day-Avg. Flowing Pres., psia
Chart (g) 497 Corrected (h) 497 P_f (i) 497 Gravity .672

G. L. = 3257 1-e^{-s} = .211 F_c 9.402 (F_cQ)² 17.665

(1-e^{-s}) (F_cQ)² - R² = 3727 P₁² = 247009 P₂ = 250736

Q = 447 (integrated) X $\sqrt{\frac{(c)}{(d)}}$ = 447

D=Q 447 X $\left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n = \left[\frac{480000}{389264} \right]^n = \frac{(1.2330)^n}{1.1700} = \underline{523}$

REMARKS

Perforated tubing with 1/4" Orifice at 4846'. Turned back on production 6-14-63.

INITIAL DELIVERABILITY

SUMMARY

P_c = 800
Q = 447
P_w = 501
P_d = 400
D = 523

OK

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

