

Initial
Deliverability Test

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

Pool BLANCO Formation MV County SJ
Well Name RIDDLE A #3 70878
Unit M S 24 T 30 R 9 Pay Zone 4141 To 4738 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 4805 Tubing O D 2.375 I D 1.995 L 4675 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c Comm. Designated P_c, psia Period Of Test Flow SIP Measured
80 From 10-15-67 To 10-22-67 08-30-67

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 796 (j) Tubing 775 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) P_f 490 (i) Gravity .671

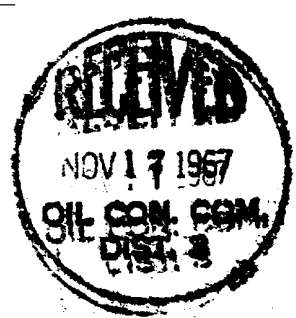
G. L. = 3137 1-e^{-s} = .204 F_c 9.402 (F_cQ)² 32.890

(1-e^{-s}) (F_cQ)² = R² = 6710 P_f² = 240100 P_d² = 246810

Q = $\frac{610}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{610}{1}$

D=Q $\frac{610}{1} \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_f^2)} \right]^n = \left[\frac{227847}{386806} \right]^n = \frac{(.5890)^n}{.6723} = \frac{410}{1}$

REMARKS
UNABLE TO OBTAIN 25% DRAWDOWN.
First Delivered after OWWO 9-28-67



SUMMARY

P_c = 796
Q = 610
P_w = 497
P_d = 637
D = 410

Company EL PASO NATURAL GAS CO
By H.L. Kendrick, P.E.
Title AREA GAS WELL TEST ENGINEER
Witnessed By _____
Company _____

67318

70878
3543



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