

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

Pool BLANCO Formation MV County SJ
Well Name NEWBERRY #8 71760
Unit A S 9 T 31 R 12 Pay Zone 4908 To 5050 Flow String TUBING
Casing O D 5.500 I D 4.950 Set at 5117 Tubing O D 2.375 I D 1.995 L 5007 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia Period Of Test Flow From 03-22-65 To 03-30-65 SIP Measured 10-28-64

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 622 (J) Tubing 622 (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) P_f 490 (i) Gravity .682

G. L. = 3415 1-e^{-s} = .220 F_c 9.402 (F_cQ)² 10.278

(1-e^{-s}) (F_cQ)² = R² = 2261 P_i² = 240100 P_w² = 242361

Q = $\frac{341}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{1.0000}{1.0000} = 341$

D=Q $\frac{341}{\left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[\frac{138880}{144523} \right]^n = \frac{(.9609)^n}{.9705} = 331$

REMARKS

UNABLE TO OBTAIN 25% DRAWDOWN.



SUMMARY

P_c = 622
Q = 341
P_w = 492
P_d = 498
D = 331

Company EL PASO NATURAL GAS CO
By H.L. KENDRICK
Title AREA GAS WELL TEST ENGINEER
Witnessed By
Company

65109

71760
2774