

Initial
Deliverability Test

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

Pool ELANCO Formation MV County SJ
Well Name RIDDLE A #3 70878
Unit M S24 T 30 R 9 Pay Zone 4052 To 4785 Flow String TUEING
Casing O D 7.000 I D 6.366 Set at 4015 Tubing O D 2.375 I D 1.995 L 4052 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 02-17-67 To 02-25-67 SIP Measured 09-15-66

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

Deadweight Shut-In Pressures, psia
Casing 564 (j) Tubing 564 (k) Meter Error 0008 (e) Friction Loss 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 526 (g) Corrected 526 (h) P_f 526 (i) Gravity .656

G. L. = 2658 1-e^{-s} = .170 F_c 9.402 (F_cQ)² 3.294

(1-e^{-s}) (F_cQ)² = R² = 580 P₁² = 270070 P₂² = 277256

Q = $\frac{193}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 193$

D=Q $\frac{193}{\left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n} = \left[\frac{114095}{40040} \right]^n = \frac{(2.8083)^n}{2.1694} = 419$

REMARKS

UNABLE TO OBTAIN 25% DRAWDOWN.

Perf. Tbg. 1-16-67.



SUMMARY

P_c = 564
Q = 193
P_w = 527
P_d = 451
D = 419

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

068

70878

672

