

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 C No. 1 70-152
Unit L S 30 T 31 R 9 Pay Zone 5276 To 5858 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 5936 Tubing O D 2.375 I D 1.995 L 5846 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 2-10-66 To 2-18-66 SIP Measured 12-29-65

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

Deadweight Shut-In Pressures, psia
Casing 903 (j) Tubing 758 (k) Meter Error (e) Friction Loss (f)

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) P_f 490 (i) Gravity .676

G. L. = 3952 / I-e -s = .250 / F_c 9.402 (F_cQ)² 144.384 /

(1-e -s) (F_cQ)² = R² = 39096 / P_i² = 240100 / P₂² = 276196 /

$$Q = \frac{1278}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{1278}{1}$$

$$D=Q \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_i^2)} \right]^n = \left[\frac{294125}{539213} \right]^n = \left(\frac{5454}{6345} \right)^n = 811$$

REMARKS

OWWO - First Delivery 1-20-66.



SUMMARY

P_c = 903
Q = 1278
P_w = 526
P_d = 722
D = 811

Company El Paso Natural Gas Company
By H. L. Kendrick
Title Regional Gas Well Engineer
Witnessed By
Company

