

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

Pool SO BLANCO Formation PC County SJ
Well Name SCHWERTFEGER A #22 75474
Unit E S 6 T 27 R 8 Pay Zone 2836 To 2896 Flow String CASING
Casing O D 2.875 I D 2.441 Set at 2937 Tubing O D NONE I D L 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 01-18-67 To 01-26-67 SIP Measured 07-08-66

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

Deadweight Shut-In Pressures, psia
Casing 677 (j) Tubing (k) Meter Error 0008 (e) Friction Loss 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 259 (g) Corrected 259 (h) P_t 259 (i) Gravity .629

G. L. = 1784 1-e^{-s} = .122 F_c 5.551 (F_cQ)² 13.749

(1-e^{-s}) (F_cQ)² = R² = 1677 P_i² = 67081 P_e² = 68758

Q = $\frac{668}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 668$

D=Q 668 $\times \left[\frac{(P_i^2 - P_d^2)}{(P_i^2 - P_e^2)} \right]^n = \left[\frac{164565}{389571} \right]^n = \frac{(.4224)^n}{.4807} = 321$

REMARKS

New Well First Delivered 1-3-67.

OK



SUMMARY

P_c = 677
Q = 668
P_w = 262
P_d = 542
D = 321

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

67039

75474

361