

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

Pool Blanco Formation Mesa Verde County SJ
Well Name Neil No. 9 70700
Unit N S 4 T 31 R 11 Pay Zone 4510 To 5252 Flow String Tubing
Casing O D 7.000 I D 6.456 Set at 4500 Tubing O D 2.375 I D 1.995 L 5200 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 01-13-67 To 01-21-67 SIP Measured 12-7-66

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 739 (j) Tubing 530 (k) 000+ (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 533 (g) Corrected 533 (h) P_f 533 (i) Gravity .693

G. L. = 3604 1-e^{-s} = .231 F_c 9.402 (F_cQ)² 11.016

(1-e^{-s}) (F_cQ)² = R² = 2545 P_i² = 284089 P_w² = 286634

Q = $\frac{353}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 353$

D=Q 353 $\times \left[\frac{(P_i^2 - P_w^2)}{(P_i^2 - P_w^2)} \right]^n = \left[\frac{196840}{259487} \right]^n = \frac{(.7585)^n}{.8128} = 287$

REMARKS

First Delivered after OWWO 12-23-66.



SUMMARY

P_c = 739
Q = 353
P_w = 535
P_d = 591
D = 287

Company EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title SENIOR GAS ENGINEER
Witnessed By
Company

