

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

Pool BLANCO Formation MV County SJ
Well Name KERNAGHAN #1 70516
Unit N S 33 T 31 R 8 Pay Zone 4479 To 5558 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 5600 Tubing O D 2.375 I D 1.995 L 5504 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 09-27-65 To 10-05-65 SIP Measured 08-25-65

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 816 (j) Tubing 816 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 497 (g) Corrected 497 (h) P_t 497 (i) Gravity .648

G. L. = 3567 1-e^{-s} = .228 F_c 9.402 (F_cQ)² 193.878

(1-e^{-s}) (F_cQ)² = R² = 44204 P_i² = 247009 P_w² = 291213

Q = $\frac{1481}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1481$

D=Q $\frac{1481}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[\frac{239447}{374643} \right]^n = \frac{(.6391)^n}{.7148} = 1059$

REMARKS

OWWO 1st Delivery 9-4-65



SUMMARY

P_c = 816
Q = 1481
P_w = 540
P_d = 653
D = 1059

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

65292

70516

5016

