

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

Pool Blanco Formation Mesa Verde County Rio Arriba
Well Name BJ 29-6 Unit No. 44 86-269
Unit N 26 T 29 R 6 Pay Zone 5080 To 5560 Flow String Tubing
Casing O D 5.500 I D 5.012 Set at 5630 Tubing O D 1.660 I D 1.380 L 5547 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 80 Period Of Test Flow From 3-10-65 To 3-18-65 SIP Measured 5-26-64

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

Deadweight Shut-In Pressures, psia
Casing 674 (j) Tubing 604 (k) Meter Error 000 + (e) Friction Loss 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 504 (g) Corrected 504 (h) P_f 504 (i) Gravity .688

G. L. = 3816 1-e^{-s} = .242 F_c 24.621 (F_cQ)² 21.428

(1-e^{-s}) (F_cQ)² = R² = 5186 P_f² = 254016 P_w² = 259202

$$Q = \frac{188}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 188$$

$$D=Q \frac{188}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[\frac{163755}{195074} \right]^n = \left(\frac{.8394}{.8770} \right)^n = 165$$

REMARKS

SUMMARY

P_c = 674
Q = 188
P_w = 509
P_d = 539
D = 165

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS COMPANY

H. L. KENDRICK
SENIOR GAS ENGINEER



