

Initial
Deliverability Test

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

Pool Blanco Formation MV County BJ
Well Name Hughes No. 6 70321
Unit G S 21 T 29 R 8 Pay Zone 4738 To 5440 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 5500 Tubing O D 2.375 I D 1.995 L 5426 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 06-14-67 To 06-22-67 SIP Measured 04-10-67

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 748 (j) Tubing 741 (k) 000% (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 483 (g) Corrected 483 (h) p₁ 483 (i) Gravity .697

G. L. = 3782 1-e⁻³ = .240 Fc 9.402 (FcQ)² 40.641

(1-e⁻³) (FcQ)² = R² = 9754 P₁² = 233289 P₂² = 243043

$$Q = \frac{678}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{1.0000}{1.0000} = 678$$

$$D=Q \frac{678}{1} \times \left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n = \left[\frac{201900}{316461} \right]^n = \frac{(.6379)^n}{.7138} = 484$$

REMARKS

Installed Piston Inst. 5-13-67.



SUMMARY

P_c = 748
Q = 678
P_w = 493
P_d = 598
D = 484

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

67191

70321
2750