

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

Pool Blanco Formation Mesa Verde County San Juan
Well Name Hughes A No. 6 70-578
Unit N S 33 T 29 R 8 Pay Zone 4506 To 5142 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 5176 Tubing O D 2.375 I D 1.995 L 5077 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 12-10-65 To 12-18-65 SIP Measured 10-27-65

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 879 (j) Tubing 879 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 555 (g) Corrected 555 (h) P_f 555 (i) Gravity .699

G. L. = 3549 1-e^{-s} = .227 F_c 9.402 (F_cQ)² 47.624

(1-e^{-s}) (F_cQ)² = R² = 10811 P_i² = 308025 P_e² = 318836

Q = 734 (integrated) X $\left[\sqrt{\frac{(c)}{(d)}} \right] = \underline{\hspace{2cm}} = \underline{734}$

D=Q 734 X $\left[\frac{(P_e^2 - P_d^2)}{(P_c^2 - P_d^2)} \right]^n = \left[\frac{278432}{453805} \right]^n = \frac{(.6135)}{.6935}^n = \underline{509}$

REMARKS

OWWO - 1st Delivered 11-10-65.



SUMMARY

P_c = 879
Q = 734
P_w = 565
P_d = 703
D = 509

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