

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

Pool Basin Formation Dakota County San Juan
Well Name Huerfano No. 76 73-698
Unit G S 2 T 26 R 9 Pay Zone 6414 To 6682 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 6763 Tubing O D 2.0625 I D 1.750 L 6368 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 50 Comm. Designated P_c, psia Period Of Test Flow From 12-27-63 To 1-4-64 SIP Measured 6-28-63

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 2093 (j) Tubing 2086 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 497 (g) Corrected 497 (h) P_f 497 (i) Gravity 575

G. L. = 4298 1-e^{-s} = .268 F_c 13.24 (F_cQ)² 154.555

(1-e^{-s}) (F_cQ)² = R² = 41421 P_i² = 247009 P_e² = 288430

Q = $\frac{939}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \underline{\hspace{2cm}} = \underline{939}$

D=Q 939 $\times \left[\frac{(P_i^2 - P_e^2)}{(P_e^2 - P_w^2)} \right]^n = \left[\frac{3284410}{4092219} \right]^n = \frac{(1.8026)^n}{.8480} = \underline{796}$

REMARKS

SUMMARY

P_c = 2093
Q = 939
P_w = 537
P_d = 1047
D = 796

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


