

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

Pool Blanco Formation Mesa Verde County San Juan
Well Name Huerfano No. 77 73-792
Unit K S 24 T 27 R 9 Pay Zone L351 To L423 Flow String Tubing
Casing O D 14.500 I D 14.563 Set at 1563 Tubing O D 2.375 I D 1.995 L 1364 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 1000 Period Of Test Flow From 5-27-64 To 6-4-64 SIP Measured 6-19-64

Deadweight Flowing Pressure, psia
Casing 1000 (a) Tubing 997 (b) Meter 1483 (c) Chart 1483 (d)
Deadweight Shut-In Pressures, psia
Casing 1000 (j) Tubing 997 (k) Meter Error 1483 (e) Friction Loss 1483 (f)

7 Day-Avg. Flowing Pres., psia
Chart 1483 (g) Corrected 1483 (h) P₁ 1483 (i) Gravity .722

FRICITION NEGLIGIBLE

G. I. = 1-e⁻⁴ 1-e⁻⁴ = 1-e⁻⁴ F_c 1483 (F_cQ)² 1483

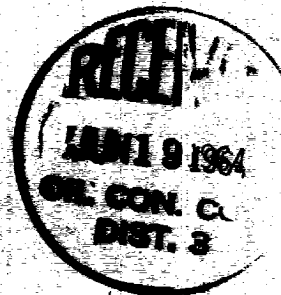
(1-e⁻⁴) (F_cQ)² = R² = 1483 P₁² = 1483 P₂² = Use Pt²

Q = $\frac{125}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = 125$

D=Q $\frac{125}{\left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]} = \left[\frac{360000}{766711} \right]^n = \frac{(.4695)}{.5675} = 71$

REMARKS

ILLEGIBLE



SUMMARY

P_c = 1000
Q = 125
P_w = 1483
P_d = 800
D = 71

Company EL PASO NATURAL GAS COMPANY
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Witnessed By For
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