

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

Pool Basin Formation Dakota County San Juan
Well Name Huerfanito No. 74 73-701
Unit G S 34 T 27 R 9 Pay Zone 6644 To 6878 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 6915 Tubing O D 2.0625 I D 1.750 L 6573 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 4-22-63

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 1425 (j) Tubing 1504 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) P_f 490 (i) Gravity .682

G. L. = 4483 1-e⁻⁴ = .278 F_c 13.24 (F_cQ)² 218.715

(1-e⁻⁴) (F_cQ)² = R² = 60803 P_i² = 240100 P₂² = 300903

$$Q = \frac{1117}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{1117}{1} = 1117$$

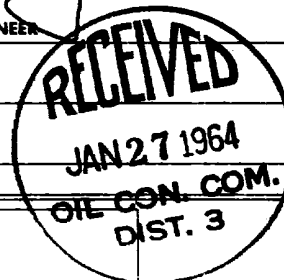
$$D=Q \frac{1117}{1} \times \left[\frac{(P_i^2 - P_2^2)}{(P_i^2 - P_1^2)} \right]^n = \left[\frac{1696512}{1961113} \right]^n = \frac{(.8650)^n}{.8970} = 1002$$

REMARKS

SUMMARY

P_c = 1504
Q = 1117
P_w = 549
P_d = 752
D = 1002

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



OK

