

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

Pool Basin Formation Del:ota County San Juan
Well Name Huerfano No.129 73-704
Unit E S 9 T 26 R 9 Pay Zone 6560 To 6664 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 6792 Tubing O D 2.375 I D 1.995 L 6642 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c Comm. Designated P_c, psia Period Of Test Flow SIP Measured
50 From 12-27-63 To 1-4-64 7-24-63

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 2023 (j) Tubing 2022 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 497 (g) Corrected 497 (h) P_f 497 (i) Gravity .692

G. L. = 4596 1-e^{-s} = .284 F_c 9.402 (F_cQ)² 88.755

(1-e^{-s}) (F_cQ)² = R² = 25206 P_i² = 247009 P_d² = 272215

$$Q = \frac{1002}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = 1002$$

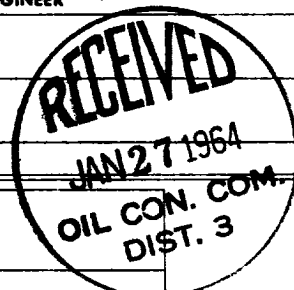
$$D=Q \times \left[\frac{(P_i^2 - P_d^2)}{(P_i^2 - P_w^2)} \right]^n = \left[\frac{3068385}{3820314} \right]^n = \left(\frac{.8031}{.8482} \right)^n = 850$$

REMARKS

SUMMARY

P_c = 2023
Q = 1002
P_w = 522
P_d = 1012
D = 850

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



OK

