

Initial
Deliverability

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

Pool Basin Formation Dakota County San Juan
Well Name Hudson No. 1 73-709
Unit H S 8 T 29 R 12 Pay Zone 6191 To 6290 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 6399 Tubing O D 2.375 I D 1.995 L 6301 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 1-20-61 To 1-28-61 10-11-63

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 2020 (j) Tubing 2071 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 476 (g) Corrected 476 (h) P_f 476 (i) Gravity .653

G. L. = 4115 1-e^{-s} = .259 F_c 9.402 (F_cQ)² 180.768

(1-e^{-s}) (F_cQ)² = R² = 4.6819 P_i² = 226576 P₂² = 273395

$$Q = \frac{1430}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = 1430$$

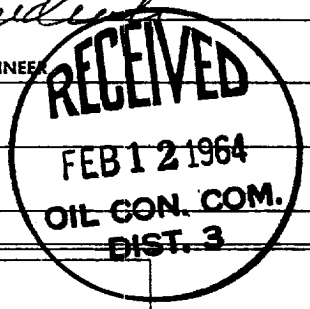
$$D=Q \times \left[\frac{(P_i^2 - P_2^2)}{(P_i^2 - P_c^2)} \right]^n = \left[\frac{321571.5}{401564.6} \right]^n = \left(\frac{.8008}{.8463} \right)^n = 1210$$

REMARKS

SUMMARY

P_c = 2071
Q = 1430
P_w = 523
P_d = 1036
D = 1210

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



OK
