

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

Pool BASI Formation DAKOTA County EL PASO
Well Name H. L. HENDRICK UNIT #79 OK 75049
Unit H S 26 T 27 R 9 Pay Zone 6645 To 6672 Flow String TUBING
Casing O D 5.52 I D 4.950 Set at 6810 Tubing O D 20.625 I D 1.750 L 63.5 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of Pc Comm. Designated Pc, psia Period Of Test Flow SIP Measured
30 From 04-04-65 To 04-12-65 12-1-64

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 (J) Tubing 2072 (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) 490 (i) Gravity .670

G. L. = 4265 1-e⁻⁵ = .267 Fc 13.239 (FcQ)² 6.222

(1-e⁻⁵) (FcQ)² R² = 17414 P₁² = 240100 P₂ = 25514

$$Q = \frac{10}{(\text{integrated})} \times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} = 10$$

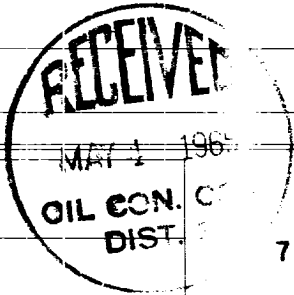
$$D=Q \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \left[\frac{3219888}{4035670} \right]^n = \frac{(.7978)^n}{.8442} = 15$$

REMARKS

SUMMARY

P_c = 2072
Q = 10
P_w = 507
P_d = 1036
D = 15

Company EL PASO NATURAL GAS CO
By H. L. HENDRICK
Title AREA GAS WELL TEST ENGINEER
Witnessed By _____
Company _____



75049
2904