

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

Pool Blanco Formation Mesa Verde County San Juan
Well Name Riddle No. 2 70-395
Unit L S 3 T 30 R 9 Pay Zone 4590 To 5160 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 5252 Tubing O D 2.375 I D 1.995 L 5051 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of Pc 50 Comm. Designated Pc, psia Period Of Test Flow From 1-14-64 To 1-12-64 SIP Measured 11-25-63

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 858 (j) Tubing 858 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 555 (g) Corrected 555 (h) p_1 555 (i) Gravity .654

G. L. = 3303 $1-e^{-s}$ = .213 F_c 9.402 $(F_c Q)^2$ 155.900

$(1-e^{-s}) (F_c Q)^2 = R^2 =$ 33207 $p_1^2 =$ 308025 $p_2^2 =$ 341232

$Q = \frac{1328}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{1328}{1} = 1328$

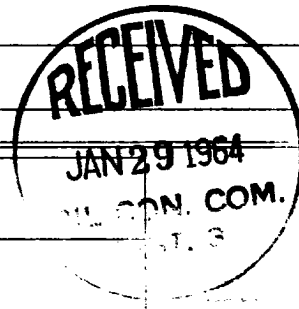
$D=Q \frac{1328}{1} \times \left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n = \frac{552123}{394932} = \frac{(1.3980)^n}{1.2855} = 1707$

REMARKS

SUMMARY

$P_c =$ 858
 $Q =$ 1328
 $P_w =$ 584
 $P_d =$ 429
 $D =$ 1707

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



$P_d = 50\% P_c$