

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

Pool Basin Formation Dakota County San Juan
Well Name Allison No. 16 (EX) 72-244
Unit W S 15 T 32 R 7 Pay Zone 8910 To 8430 Flow String Tubing
Casing O D 5.500 I D 4.950 Set at 2408 Tubing O D 2.900 I D 1.610 L 8381 Top Prod.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 50 Comm. Designated P_c, psia 1835 Period Of Test Flow From 9-30-64 To 10-8-64 SIP Measured 9-9-64

Deadweight Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Chart (d)
Deadweight Shut-In Pressures, psia
Casing (j) Tubing 1835 (k) Meter Error (e) Friction Loss (f)

7 Day-Avg. Flowing Pres., psia
Chart 456 (g) Corrected 456 (h) P_f 456 (i) Gravity .608

G. L. = 5096 1-e^{-s} = .310 Fc 16.46 (F_cQ)² 55.101

(1-e^{-s}) (F_cQ)² = R² = 17081 P₁² = 207936 P₂² = 225017

$$Q = \frac{151}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = 151$$

$$D=Q \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_d^2)} \right]^n = \left[\frac{2524501}{3142208} \right]^n = \frac{(.8031)}{.8188}^n = 383$$

REMARKS



SUMMARY

P_c = 1835
Q = 151
P_w = 474
P_d = 918
D = 383

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