

Initiation
Deliverability Test

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

Pool Basin Formation Dakota County Rio Arriba
Well Name SJU 29-6 No. 69 86-502
Unit A S 26 T 29R 6 Pay Zone 7672 To 7775 Flow String Tubing
Casing O D 4.500 I D 4.000 Set at 7798 Tubing O D 2.375 I D 1.995 L 7708 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 50 Comm. Designated P_c, psia _____ Period Of Test Flow From 5-16-64 To 5-24-64 SIP Measured 11-27-63

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 2791 (j) Tubing 2767 (k) _____ (e) _____ (f)

7 Day-Avg. Flowing Pres., psia _____
Chart 511 (g) Corrected 511 (h) P_f 511 (i) Gravity .592

G. L. = 4563 1-e = .282 F_c 9.402 (F_cQ)² 32.138

(1-e) (F_cQ)² = R² = 9063 P₁² = 261121 P₂² = 270184

$$Q = \frac{603}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{603}{1} = 603$$

$$D=Q \frac{603}{1} \times \left[\frac{(P_2^2 - P_3^2)}{(P_1^2 - P_2^2)} \right]^n = \left[\frac{5840865}{7519497} \right]^n = \frac{(.7767)}{.8275}^n = 499$$

REMARKS

SUMMARY

P_c = 2791
Q = 603
P_w = 520
P_d = 1396
D = 499

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


