

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

Pool San Juan Formation Permian, G. 2000 County Dona

Well Name San Juan No. 93 73-119

Unit S. 100' Pay Zone 100' To 100' Flow String Casing

Casing O.D. 10.0 I.D. 8.0 Set at 100' Tubing O.D. 4.0 I.D. 3.0 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 100 Period Of Test Flow From 1-26-64 To 2-3-64 SIP Measured 11-4-63

Deadweight Flowing Pressure, psia Flowing Pressure, psia

Casing 100 (a) Tubing 100 (b) Meter 100 (c) Chart 100 (d)

Deadweight Shut-in Pressures, psia Meter Error Friction Loss

Casing 100 (j) Tubing 100 (k) 100 (e) 100 (f)

7 Day-Avg. Flowing Pres., psia

Chart 100 (g) Corrected 259 (h) P₁ 259 (i) Gravity .650

G. L. = 100 1-e^{-s} = .139 Fc 5.551 (FcQ)² 6.402

(1-e^{-s}), (FcQ)² = R² = 602 P₁² = 67081 P₂ = 67905

$$Q = \frac{659}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(a)}} \right] = \frac{459}{1}$$

$$D=Q \times \left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n = \left[\frac{627025}{10366.8} \right]^n = \frac{(.7526)^n}{.8260} = \frac{270}{1}$$

REMARKS

CORRECTED COPY

SUMMARY

P_c = 100
Q = 459
P_w = 261
P_d = 505
D = 100

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

