

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

Pool Blanco Formation Mesa Verde County San Juan
Well Name Lucerne No. 4-A-X 73695
Unit H S 10 T 31 R 10 Pay Zone 4667 To 5230 Flow String Tubing
Casing O D 7.000 I D 6.456 Set at 4610 Tubing O D 2.375 I D 1.995 L 5159 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia Period Of Test Flow From 1-25-64 To 2-2-64 SIP Measured 11-12-63

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 244 (j) Tubing 900 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 533 (g) Corrected 533 (h) P₁ 533 (i) Gravity .658

G. L. = 3395 1-e^{-s} = .219 F_c 9.402 (F_cQ)² 119.356

(1-e^{-s}) (F_cQ)² = R² = 26139 P₁² = 284089 P₂² = 310228

Q = 1162 (integrated) x $\left[\sqrt{\frac{(c)}{(d)}} \right] = \underline{\hspace{2cm}} = \underline{1162}$

D=Q 1162 x $\left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n = \left[\frac{291600}{499772} \right]^n = \frac{(.5834)}{.6679}^n = \underline{776}$

REMARKS

SUMMARY

P_c = 900
Q = 1162
P_w = 557
P_d = 720
D = 776

Company

By

Title

Witnessed By

Company



EL PASO NATURAL GAS COMPANY

H. L. KENDRICK
SENIOR GAS ENGINEER
