

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 73-695
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 50 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) p_f 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 = $\frac{1162}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \underline{1162}$

D=Q $\frac{1162}{\left[\frac{(P_c^2 - P_2^2)}{(P_c^2 - P_1^2)} \right]^n} = \left[\frac{607500}{499772} \right]^n = \frac{(1.2155)^n}{1.1576} = \underline{1345}$

REMARKS

SUMMARY

P_c = 900
Q = 1162
P_w = 557
P_d = 450
D = 1345

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS COMPANY

H. L. KENDRICK
SENIOR GAS ENGINEER


