

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

Pool Basin Formation Dakota County Rio Arriba
Well Name San Juan Unit 29-6 No. 85 86-531
Unit A S 27 T 29 R 6 Pay Zone 7562 To 7744 Flow String Tubing
Casing O D 4.500 I D 4.000 Set at 7775 Tubing O D 2.375 I D 1.995 L 7674 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 6-6-65 To 6-14-65 SIP Measured 3-22-65
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 2723 (j) Tubing 2674 (k) (e) (f)
7 Day-Avg. Flowing Pres., psia
Chart 483 (g) Corrected 483 (h) P_f 483 (i) Gravity 591
G. L. = 4535 / 1-e^{-s} = .281 F_c 9.402 (F_cQ)² 7.182 /
(1-e^{-s}) (F_cQ)² = R² = 2018 / P_i² = 233289 / P_w² = 235307 /
Q = $\frac{285}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{285}{\quad}$
D=Q $\frac{285}{\quad} \times \left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n = \left[\frac{5559685}{7179422} \right]^n = \frac{(.7743)^n}{.8257} = \frac{235}{\quad}$

REMARKS

SUMMARY

P_c = 2723
Q = 285
P_w = 485
P_d = 1362
D = 235

Company

By

Title

Witnessed By

Company



EL PASO NATURAL GAS COMPANY

H. L. Kendrick
H. L. KENDRICK
SENIOR GAS ENGINEER