

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

Pool Basin Formation Dakota County RA
Well Name SJ 27-5 Unit No. 101 86550
Unit L S 10 T 27 R 5 Pay Zone 8340 To 8552 Flow String Tubing
Casing O D 4.000 I D 3.428 Set at 8663 Tubing O D 2.375 I D 1.995 L 8360 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 01-09-67 To 01-17-67 SIP Measured 11-04-66

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 2327 (j) Tubing 2403 (k) 000+ (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 526 (g) Corrected 526 (h) p_f 526 (i) Gravity .628

G. L. = 5250 1-e^{-s} = .317 F_c 9.402 (F_cQ)² 49.985

(1-e^{-s}) (F_cQ)² = R² = 15845 P_i² = 276676 P_e² = 292521

Q = 752 (integrated) × $\sqrt{\frac{(c)}{(d)}}$ = 1.0000 = 1.0000 = 752

D=Q 752 × $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_i^2)} \right]^n = \left[\frac{4329605}{5481888} \right]^n = \left(\frac{.7898}{.8378} \right)^n = \underline{630}$

REMARKS

New Well First Delivered 12-20-66.

*Feed 770000
2.12.73
2-9-67*

SUMMARY

P_c = 2403
Q = 752
P_w = 541
P_d = 1202
D = 630

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