

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

Pool Blanco Formation Mesa Verde County RA
Well Name SJ 29-7 Unit No. 59 72142
Unit L S 27 T 29 R 7 Pay Zone 5353 To 5914 Flow String Tubing
Casing O D 5.500 I D 4.950 Set at 6009 Tubing O D 2.375 I D 1.995 L 5690 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c Comm. Designated P_c, psia Period Of Test Flow SIP Measured
80 From 01-31-67 To 02-08-67 02-28-66
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 652 (j) Tubing 652 (k) 000+ (e) 0 (f)
7 Day-Avg. Flowing Pres., psia
Chart 541 (g) Corrected 541 (h) P_i 541 (i) Gravity .667
G. L. = 3795 1-e^{-s} = .241 F_c 9.402 (F_cQ)² 3.360
(1-e^{-s}) (F_cQ)² = R² = 810 P_i² = 292681 P_w² = 293491
$$Q = \frac{195}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 195$$
$$D=Q \frac{195}{195} \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \left[\frac{152620}{131613} \right]^n = \frac{(1.1596)^n}{1.1175} = 218$$

REMARKS

Unable to obtain 25% drawdown.

Perforated Tubing 1-10-67



SUMMARY

P_c = 652Q = 195P_w = 542P_d = 522

Company

By

Title

Witnessed By

EL PASO NATURAL GAS COMPANY

H. L. KENDRICK
SENIOR GAS ENGINEER