

Initial
Deliverability Test

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

Pool BLANCO Formation MV County RA
Well Name SJ 29-7 UNIT #50 71664
Unit G S 21 T 29 R 7 Pay Zone 5282 To 5808 Flow String TUBING
Casing O D 5.500 I D 4.950 Set at 5887 Tubing O D 2.375 I D 1.995 L 5621 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia Period Of Test Flow From 03-28-67 To 04-05-67 SIP Measured 03-03-67

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 713 (j) Tubing 713 (k) 0008 (e) 0 (l)

7-Day-Avg. Flowing Pres., psia
Chart 563 (g) Corrected 563 (h) P₁ 563 (i) Gravity .677

G. L. = 3805 1-e⁻³ = .242 F_c 9.402 (F_cQ)² 37.003

(1-e⁻³) (F_cQ)² = R² = 8955 P₁² = 316969 P₂² = 325924

$$Q = \frac{647}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{647}{1.0000}$$

$$D=Q \frac{647}{\left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_d^2)} \right]^n} = \frac{183469}{182445} \left[\frac{1.0056}{1.0042} \right]^n = \frac{650}{1.0042}$$

REMARKS

UNABLE TO OBTAIN 25% DRAWDOWN.

Installed intermitter 3-14-67.



SUMMARY

P_c = 713
Q = 647
P_w = 571
P_d = 570
D = 650

Company EL PASO NATURAL GAS CO
By [Signature]
Title W. L. KENDRICK, P.E.
Area Gas Well Test Engineer
Witnessed By
Company