

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 28-7 UNIT #54 71556
Unit N S 22 T 28 R 7 Pay Zone 5080 To 5740 Flow String TUBING
Casing O D 5.500 I D 4.950 Set at 5940 Tubing O D 2.375 I D 1.995 L 5616 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 80 Period Of Test Flow From 06-17-67 To 06-25-67 SIP Measured 11-04-66

Deadweight Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Chart (d)

Deadweight Shut-In Pressures, psia
Casing 611 (J) Tubing 613 (k) Meter Error 0008 (e) Friction Loss 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 491 (g) Corrected 491 (h) P_f 491 (i) Gravity .667

G. L. = 3746 1-e^{-s} = .238 F_c 9.402 (F_cQ)² 8.714

(1-e^{-s}) (F_cQ)² = R² = 2074 P_i² = 241081 P_w² = 243155

Q = $\frac{314}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{1.0000}{1.0000} = 314$

D=Q 314 x $\left[\frac{(P_i^2 - P_w^2)}{(P_i^2 - P_c^2)} \right]^n = \left[\frac{135669}{132614} \right]^n = \frac{(1.0230)^n}{1.0172} = 319$

REMARKS

UNABLE TO OBTAIN 25% DRAWDOWN.

Installed Intermittent, Turned Back on Production 5-27-67.



SUMMARY

P_c = 613 Company EL PASO NATURAL GAS CO
Q = 314 By H.L. KENDRICK, P.E.
P_w = 493 Title AREA GAS WELL TEST ENGINEER
P_d = 490 Witnessed By _____
D = 319 Company _____

67191

71556

2826