

Initial
Deliverability Test

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

Pool BASIN Formation DAKOTA County RA
Well Name SJ 28-5 UNIT #71 75662
Unit B S 34 T 28 R 5 Pay Zone 7836 To 8034 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 8131 Tubing O D 2.375 I D 1.995 L 7778 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of Pc Comm. Designated Pc, psia Period Of Test Flow SIP Measured
50 From 10-08-67 To 10-16-67 07-20-67

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 2658 (j) Tubing 2666 (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 505 (g) Corrected 505 (h) P_f 505 (i) Gravity .678

G. L. = 5273 1-e^{-s} = .318 F_c 9.402 (F_cQ)² 81.631

(1-e^{-s}) (F_cQ)² = R² = 25959 P_i² = 255025 P₂² = 280984

Q = $\frac{961}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{961}{1}$

D=Q $\frac{961}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_2^2)} \right]^n} = \frac{5330667}{6826572}^n = \frac{(.7308)^n}{.8306} = \frac{798}{1}$

REMARKS

New Well - First Delivered 9-22-67



SUMMARY

P_c = 2666
Q = 961
P_w = 530
P_d = 1333
D = 798

Company EL PASO NATURAL GAS CO
By H. L. Kendrick, P.E.
Title AREA GAS WELL TEST ENGINEER
Witnessed By
Company

67318

75662

3470

