

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

Pool BASIN Formation DAKOTA County RA
Well Name SJ 28-6 UNIT #125 86571
Unit H S 21 T 28R 6 Pay Zone 7530 To 7734 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 7819 Tubing O D 2.375 I D 1.995 L 7510 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 11-18-67 To 11-26-67 09-13-67
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 2727 (j) Tubing 2722 (k) 0008 (e) 0 (f)
7 Day-Avg. Flowing Pres., psia
Chart 504 (g) Corrected 504 (h) P_t 504 (i) Gravity .678
G. L. = 5092 $1-e^{-s}$ = .309 F_c 9.402 $(F_c Q)^2$ 200.223
 $(1-e^{-s}) (F_c Q)^2 = R^2$ 61869 P_1^2 254016 P_w^2 315885
 $Q = \frac{1505}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{1505}{1.0000}$
 $D=Q \frac{1505}{\left[\frac{(P_c^2 - P_1^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{1505}{\left[\frac{5576033}{7120644} \right]^n} = \frac{1505}{(.7830)^n} = \frac{1505}{.8324} = 1253$

REMARKS

New Well First Delivered 11-3-67.



SUMMARY

P_c = 2727
 Q = 1505
 P_w = 562
 P_d = 1364
 D = 1253

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

67345

86571

3645

