

Initial
Deliverability Test

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

Pool BASIN Formation DAKOTA County RA
Well Name S J 28-6 UNIT #137 86566
Unit N S 14 T 28 R 6 Pay Zone 7582 To 7780 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 7839 Tubing O D 2.375 I D 1.995 L 7575 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 10-17-67 To 10-25-67 08-21-67

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 2701 (j) Tubing 2699 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) P_1 490 (i) Gravity .678

G. L. = 5136 $1-e^{-s}$ = .312 F_c 9.402 $(F_c Q)^2$ 45.064

$(1-e^{-s}) (F_c Q)^2 = R^2$ = 14060 P_1^2 = 240100 P_2^2 = 254160

$Q = \frac{714}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{714}{1}$

$D=Q \frac{714}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{5470200}{7041241} = \frac{(.7768)^n}{.8274} = \frac{591}{1}$

REMARKS

New Well - First Delivered 9-25-67



SUMMARY

P_c = 2701
 Q = 714
 P_w = 504
 P_d = 1351
 D = 591

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

67318

86566
3520

