

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 #101 86567
Unit H S 14 T 28 R 6 Pay Zone 7532 To 7726 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 7810 Tubing O D 2.375 I D 1.995 L 7529 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 08-18-67

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 2818 (j) Tubing 2818 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 504 (g) Corrected 504 (h) P_f 504 (i) Gravity .678

G. L. = 5105 $1-e^{-s}$ = .310 F_c 9.402 $(F_c Q)^2$ 39.213

$(1-e^{-s}) (F_c Q)^2 = R^2$ = 12156 P_i^2 = 254016 P_w^2 = 266172

$Q = \frac{666}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 666$

$D=Q \frac{666}{\left[\frac{(P_i^2 - P_w^2)}{(P_i^2 - P_w^2)} \right]^n} = \frac{5955843}{7674952} = \frac{(.7760)^n}{.8268} = 551$

REMARKS

New Well - First Delivered 9-29-67



SUMMARY

P_c = 2818
 Q = 666
 P_w = 516
 P_d = 1409
 D = 551

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

67318

86567

3517

