

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 28-6 UNIT #136 86570
Unit P S 11 T 28 R 6 Pay Zone 7792 To 8036 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 8121 Tubing O D 2.375 I D 1.995 L 7780 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 07-19-67

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 2725 (j) Tubing 2735 (k) 0008 (e) 0 (f)

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

G. L. = 5275 $1-e^{-s}$ = .319 F_c 9.402 $(F_c Q)^2$ 31.081

$(1-e^{-s}) (F_c Q)^2 = R^2$ = 9915 P_i^2 = 240100 P_2^2 = 250015

$Q = \frac{593}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{593}{1.0000}$

$D=Q \frac{593}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_2^2)} \right]^n} = \frac{5608801}{7230210} = \frac{.7757}{.8266} = 490$

REMARKS

New Well - First Delivered 9-29-67



SUMMARY

P_c = 2735
 Q = 593
 P_w = 500
 P_d = 1368
 D = 490

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

67318

86570

3519

