

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 #73 75666
Unit G S 35 T 28 R 5 Pay Zone 7706 To 7914 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 8010 Tubing O D 2.375 I D 1.995 L 7694 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 08-17-67

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 2731 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 497 (g) Corrected 497 (h) P_t 497 (i) Gravity .678

G. L. = 5217 $1-e^{-s} =$.316 $F_c =$ 9.402 $(F_c Q)^2 =$ 33.547

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 10601 $P_i^2 =$ 247009 $P_w^2 =$ 257610

$Q = \frac{616}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{616}{1}$

$D=Q = \frac{616}{1} \times \left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n = \frac{5592405}{7200751} = \frac{.7766}{.8273} = \frac{510}{1}$

REMARKS

New Well - First Delivered 9-22-67



OK

SUMMARY

$P_c =$ 2731
 $Q =$ 616
 $P_w =$ 508
 $P_d =$ 1366
 $D =$ 510

Company EL PASO NATURAL GAS CO
By H. L. Kendrick
Title H. L. KENDRICK, P.E.
Area Gas Well Test Engineer
Witnessed By
Company

67318

75666

3471

