

Initial
Deliverability Test

FORM C-122-A
EL PASO 8-1-65

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 #128 86573
Unit H S 17 T 28 R 6 Pay Zone 7844 To 8038 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 11-24-67 To 12-02-67 09-21-67
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 2668 (j) Tubing 2669 (k) 0008 (e) 0 (f)
7 Day-Avg. Flowing Pres., psia
Chart 512 (g) Corrected 512 (h) P_1 512 (i) Gravity .678
G. L. = 5275 $1-e^{-S} =$.319 F_c 9.402 $(F_c Q)^2$ 33.212
 $(1-e^{-S}) (F_c Q)^2 = R^2$ 10595 $P_1^2 =$ 262144 $P_w^2 =$ 272739
 $Q = \frac{613}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{613}{1}$
 $D=Q \frac{613}{1} \times \left[\frac{(P_1^2 - P_d^2)}{(P_1^2 - P_w^2)} \right]^{\frac{1}{n}} = \left[\frac{5341336}{6850822} \right]^{\frac{1}{.7796}} = \frac{509}{.8297}$

REMARKS

New Well - First Delivered 11/3/67



SUMMARY

$P_c =$ 2669
 $Q =$ 613
 $P_w =$ 522
 $P_d =$ 1335
 $D =$ 509

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

67354

86573

3650

