

Initial
Deliverability Test

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

OWWO

Pool BLANCO Formation MV County SJ
Well Name RCELOFS #1 70080
Unit B S 22 T 29R 8 Pay Zone 4920 To 5796 Flow String TUBING
Casing O D 7.000 I D 6.456 Set at 5490 Tubing O D 2.375 I D 1.995 L 5006 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
80 From 10-18-66 To 10-26-66 09-06-66
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 831 (j) Tubing 600 (k) 0008 (e) 0 (f)
7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) P_f 490 (i) Gravity .687
G. L. = 3439 $1-e^{-s}$ = .221 F_c 9.402 $(F_c Q)^2$ 17.506

$(1-e^{-s}) (F_c Q)^2 = R^2$ = 3869 P_1^2 = 240100 P_2^2 = 243969

$$Q = \frac{445}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 445$$

$$D=Q \times \frac{445}{\left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n} = \frac{248336}{446592}^n = \frac{(.5560)^n}{.6439} = 287$$

REMARKS

First Delivered After OWWO 9-27-66.

OWWO



SUMMARY

P_c = 831
 Q = 445
 P_w = 494
 P_d = 665
 D = 287

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

66318

70080

5480

