

NEW MEXICO OIL CONSERVATION COMMISSION

Pool BLANCO Formation MV County SJ
Well Name SMYERS COM #1 70381
Unit M 2 S 31 11 T R Pay Zone 4354 To 5166 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 5220 Tubing O D 2.375 I D 1.995 L 5150 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c Comm. Designated P_c, psia Period Of Test Flow SIP Measured

80 _____ From 01-21-67 To 01-29-67 12-28-66

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	<u>877</u> (j)	<u>0006</u> (e)	<u>0</u> (f)
Tubing	<u>877</u> (k)		

7 Day-Avg. Flowing Pres., psia

Chart 511 (g) Corrected 511 (h) P_t 511 (i) Gravity .700

$$G.L. = \frac{3605}{1-e^{-s}} = \frac{.231}{F_c} = \frac{9.402}{(F_c Q)^2} = \frac{96.531}{}$$
$$(1 - e^{-5}) (F_C Q)^2 = R^2 = \frac{22299}{P_f^2} = \frac{261121}{P_2^2} = \frac{283420}{P_2^2}$$
$$Q = \frac{1045}{(\text{integrated})} \times \left[\frac{\text{Peak (c)}}{\text{Peak (d)}} = \frac{1.0000}{1.0000} \right] = \frac{1045}{1.0000} = 1045$$
$$D=Q \quad \frac{1045}{\quad} \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \frac{276325}{485709}^n = \frac{(.5689)^n}{.6551} = \frac{685}{\quad}$$

REMARKS

First Delivered after OWWO 1-3-67.



SUMMARY

$P_c = 877$
 $Q = 1045$
 $P_w = 532$
 $P_d = 702$
 $D = 685$

Company EL PASO NATURAL GAS CO

By *H.L. Kendrick*
H.L. KENDRICK

Title AREA GAS WELL TEST ENGINEER

Witnessed By _____

Company _____

67039

70381

396

