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 BLANCO Formation MV County SJ

Well Name RIDDLE D #4 70466

Unit A S 22 T 31 R 9 Pay Zone 5116 To 5708 Flow String TUBING

Casing O D 7.000 I D 6.366 Set at 5047 Tubing O D 2.375 I D 1.995 L 5648 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 12-03-66	To 12-11-66	10-13-66

Deadweight Flowing Pressure, psia

Casing _____(a) Tubing _____(b) Meter _____(c) Flowing Pressure, psia Chart _____(d)

Deadweight Shut-In Pressures, psia

Casing 817 (J) Tubing 811 (k) Meter Error .0006 (e) Friction Loss 0 (f)

7 Day-Avg. Flowing Pres., psia

Chart 505 (g) Corrected 505 (h) P_t 505 (i) Gravity .650

G. L. = 3671 $1-e^{-s}$ = .234 F_c 9.402 $(F_cQ)^2$ 144.841

$(1-e^{-s})(F_cQ)^2 = R^2$ = 33893 P_t^2 = 255025 P_w^2 = 288918

$$Q = \frac{1280}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = 1.0000} = 1.0000\right] = 1280$$

$$D = Q\ 1280 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{239773}{378571}\right]^n = \frac{(.6333)^n}{.7099} = 909$$

REMARKS

First Delivered after OWWO 11-15-66.

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JAN 4 1967
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 817
Q = 1280
P_w = 538
P_d = 654
D = 909

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

66362

70466

5672

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