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 A #3 70878

Unit M S 24 T 30 R 9 Pay Zone 4141 To 4738 Flow String TUBING

Casing O D 4.500 I D 4.052 Set at 4805 Tubing O D 2.375 I D 1.995 L 4675 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 10-15-67	To 10-22-67	08-30-67

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 796 (J) Tubing 775 (k) .0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia

Chart 490 (g) Corrected 490 (h) P_t 490 (i) Gravity .671

G. L. = 3137 $1-e^{-s}$ = .204 F_c 9.402 $(F_cQ)^2$ 32.890

$(1-e^{-s})(F_cQ)^2 = R^2$ = 6710 P_f^2 = 240100 P_c^2 = 246810

$$Q = \frac{610}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = 1.0000} = 1.0000\right] = 610$$

$$D = Q \quad 610 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{227847}{386806}\right]^n = \frac{(.5890)^n}{.6723} = 410$$

REMARKS

UNABLE TO OBTAIN 25% DRAWDOWN.

First Delivered after OWWO 9-28-67

RECEIVED
NOV 17 1967
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 796
Q = 610
P_w = 497
P_d = 637
D = 410

Company EL PASO NATURAL GAS CO

By H. L. KENDRICK, P.E.

Title AREA GAS WELL TEST ENGINEER

Witnessed By _____

Company _____

67318

70878

3543