Initial Deliverability Test

FORM C-122-A
EL PASO 11-1-62

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool Basin Formation Dakota County Rio Arriba

Well Name Rincon No. 186 73-688

Unit O S 33 T 27 R 7 Pay Zone 7300 To 7448 Flow String Tubing

Casing O D 5.500 I D 4.950 Set at 7548 Tubing O D 2.0625 I D 1.750 L 7410 Top Perf.

Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c	Comm. Designated P_c, psia	Period Of Test Flow		SIP Measured
50		From 1-5-64	To 1-13-64	10-17-63

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 1978 (j) Tubing 1510 (k) _____ (e) _____ (f)

7 Day-Avg. Flowing Pres., psia

Chart 476 (g) Corrected 476 (h) P_f 476 (i) Gravity .708

G. L. = 5246 $1-e^{-s}$ = .317 Fc 13.24 $(F_cQ)^2$ 5.679

$(1-e^{-s})$ $(F_cQ)^2 = R^2$ = 1800 P_t^2 = 226576 P_c^2 = 228376

$$Q = \frac{180}{\text{(integrated)}} \times \left[\sqrt{\frac{\text{(c)}}{\text{(d)}} = \quad = \quad}\right] = 180$$

$$D = Q \quad \frac{180}{} \times \left[\frac{(P_c^2 - P_3^2)}{(P_c^2 - P_2^2)}\right]^n = \left[\frac{2934363}{3684108}\right]^n = \frac{(.7964)^n}{.8432} = 152$$

REMARKS

SUMMARY

P_c = 1978

Q = 180

P_w = 478

P_d = 989

D = 152

Company EL PASO NATURAL GAS COMPANY

By _____

H. L. KENDRICK
SENIOR GAS ENGINEER

Title

Witnessed By

Company

RECEIVED
JAN 29 1964
OIL CON. COM.
DIST. 3