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 Blanco Formation Mesa Verde County San Juan

Well Name San Juan Unit 32-9 No. 24 (OWWO) 70-801

Unit A S 5 T 31 R 9 Pay Zone 5492 To 5896 Flow String Tubing

Casing O D 5.500 I D 4.950 Set at 5941 Tubing O D 2.375 I D 1.995 L 5846 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 12-23-63	To 12-31-63	11-20-63

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 ---(J) Tubing 828(k) _____(e) _____(f)

7 Day-Avg. Flowing Pres., psia

Chart 497(g) Corrected 497(h) P_f 497(i) Gravity .630

G. L. = 3683 $1-e^{-s}$ = .235 Fc 9.402 $(F_cQ)^2$ 3.787

$(1-e^{-s})$ $(F_cQ)^2 = R^2$ = 890 P_f^2 = 247009 P_w^2 = 247899

$$Q = \frac{207}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \quad = \quad}\right] = 207$$

$$D = Q \quad 207 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{514188}{437685}\right]^n = \frac{(1.1747)^n}{1.1282} = 234$$

REMARKS

SUMMARY

P_c = 828

Q = 207

P_w = 498

P_d = 414

D = 234

Company EL PASO NATURAL GAS COMPANY

By H. L. Kendrick

Title H. L. KENDRICK
SENIOR GAS ENGINEER

Witnessed By _____

Company _____

$P_d = 50\% P_c$