Initial Deliverability Test

FORM C-122-A
REVISED 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 Riddle No. 1-C (OWWO) 70-152

Unit L S 30 T 31 R 9 Pay Zone 5223 To 5903 Flow String Tubing

Casing O D 7.000 I D 6.456 Set at 5177 Tubing O D 2.375 I D 1.995 L 4953 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
80		From 6-4-64	To 6-12-64	1-27-64

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 661 (J) Tubing _____(k) _____(e) _____(f)

7 Day-Avg. Flowing Pres., psia

Chart 456 (g) Corrected 456 (h) P_f 456 (i) Gravity .650

G. L. = 3219 $1-e^{-s}$ = .209 Fc 9.402 $(F_cQ)^2$ 6.022

$(1-e^{-s})(F_cQ)^2 = R^2$ = 1259 P_f^2 = 207936 P_t^2 = 209195

$$Q = \frac{261}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \quad = \quad}\right] = 261$$

$$D = Q \quad 261 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_t^2)}\right]^n = \left[\frac{157080}{227726}\right]^n = \frac{(.6897)^n}{.7567} = 197$$

REMARKS

Ran new tubing. Turned back on production 5-8-64.

CORRECTED COPY

RECEIVED
AUG 26 1964
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 661

Q = 261

P_w = 457

P_d = 529

D = 197

Company EL PASO NATURAL GAS COMPANY

By H. L. Kendrick

Title SENIOR GAS ENGINEER

Witnessed By _____

Company _____