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 San Juan

Well Name Huerfano No. 140 73-917

Unit C S 5 T 26 R 9 Pay Zone 6672 To 6848 Flow String Tubing

Casing O D 4.500 I D 4.052 Set at 6932 Tubing O D 2.375 I D 1.995 L 6825 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
		From 12-13-64	To 12-21-64	10-8-64

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 2017 (J) Tubing 1939 (k) _____(e) _____(f)

7 Day-Avg. Flowing Pres., psia

Chart 483 (g) Corrected 483 (h) P_f 483 (i) Gravity .645

G. L. = 4402 $1-e^{-s}$ = .274 Fc 9.402 $(F_cQ)^2$ 91.796

$(1-e^{-s})(F_cQ)^2 = R^2$ = 25152 P_f^2 = 233289 P_w^2 = 258441

$$Q = \frac{1019}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \quad = \quad}\right] = 1019$$

$$D = Q \quad 1019 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{3050208}{3809848}\right]^n = \left[\frac{.8006}{.8463}\right]^n = 862$$

REMARKS

RECEIVED
JAN 13 1965
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 2017

Q = 1019

P_w = 508

P_d = 1009

D = 862

Company EL PASO NATURAL GAS COMPANY

By _____

H. L. KENDRICK
SENIOR GAS ENGINEER

Title _____

Witnessed By _____

Company _____