Initial Deliverability Test

FORM C-122-A (EL PASO - 2-1-61)

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET — SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Pool Blanco Formation Mesa Verde County Rio Arriba

Well Name San Juan Unit 29-6 No. 68 73-117

Unit A S 29 T 29 R 6 Pay Zone 4986 To 5478 Flow String Tubing

Casing O D 7 Wt 20 Set at 3400 Tubing O D 2.375 Wt 4.7 L 5457 Top Perf.

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

Date Flow Press. Meas.	Period of test flow		SIP Measured
	From 2-3-62	To 2-11-62	10-18-61

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 1112 (j) Tubing 1109 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

Chart 563 (g) Corrected 563 (h) P_t 563 (i) Gravity .704

G. L. = 3828 $1-e^{-s}$ = .243 $(F_cQ)^2$ = 105.022

$(1-e^{-s})(F_cQ)^2 = R^2$ = 25.520 P_t^2 = 316969 P_w^2 = 342489

$$Q = \underset{\text{(integrated)}}{1090} \times \left[\sqrt{\frac{(c)}{(d)} = \quad = \quad}\right] = 1090$$

$$D = Q\ 1090 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = 1.0388\right]^N = 1.0290\right) = 1122$$

RECEIVED
MAR 20 1962
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 1109 psia

Q = 1090 MCF/D

P_w = 585 psia

P_d = 555 psia

D = 1122 MCF/D

Company EL PASO NATURAL GAS COMPANY

By H. L. Kendrick

Title Sr. Gas Engineer

Witnessed By _____

Company _____
