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 27-4 No. 31 73-064

Unit M S 7 T 27N R 4 Pay Zone 5305 To 5752 Flow String Casing

Casing O D 4-1/2 Wt 11.5 Set at 5941 Tubing O D 1-1/4 Wt 2.4 L 5671 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 12-2-61	To 12-10-61	8-16-61

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 1129 (j) Tubing 1132 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

Chart 521 (g) Corrected 511 (h) P_t 511 (i) Gravity .703

FRICTION NEGLIGIBLE

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

$(1-e^{-s})(F_cQ)^2 = R^2$ = _____ P_t^2 = _____ P_w^2 = Use P_c^2

$$Q = \underset{\text{(integrated)}}{401} \times \left[\sqrt{\frac{(c)}{(d)} = \_\_\_\_ = \_\_\_\_}\right] = 400$$

$$D = Q\ 401 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{955416}{1013520}\right]^N = \frac{.9426}{.9466}\right) = 383$$

RECEIVED
JAN 3 1962
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 1129 psia

Q = 401 MCF/D

P_w = 511 psia

P_d = 565 psia

D = 383 MCF/D

Company EL PASO NATURAL GAS COMPANY

By R. L. Kendrick

Title Sr. Gas Engineer

Witnessed By _____

Company _____
