Initial Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

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

(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 San Juan

Well Name Thompson No. 2 (6990) 70-501

Unit M S 34 T 30 R 8 Pay Zone 4797 To 5572 Flow String Tubing

Casing O D 7 Wt 20 Set at 4670 Tubing O D 1.660 Wt 2.4 L 5323 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 12-7-61	To 12-15-61	7-29-60

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 895 (j) Tubing 767 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

Chart 479 (g) Corrected 479 (h) P_t 479 (i) Gravity .662

G. L. = 3980 $1-e^{-s}$ = .226 $(F_cQ)^2$ = 167.981

$(1-e^{-s})(F_cQ)^2 = R^2$ = 37760 P_t^2 = 229441 P_w^2 = 267201

Q = 325 (integrated) X $\sqrt{\frac{(c)}{(d)}}$ = _____ = _____ = 325

$D = Q$ 325 X $\left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{440833}{321088}\right)^N$ = 1.3729 / 1.2683 = 666

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

SUMMARY

P_c = 767 psia

Q = 325 MCF/D

P_w = 517 psia

P_d = 384 psia

D = 666 MCF/D

Company EL PASO NATURAL GAS COMPANY

By R. L. Kendrick

Title Sr. Gas Engineer

Witnessed By _____

Company _____