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 Basin Formation Dakota County San Juan

Well Name Lindrick No. 15 72-898

Unit A S 19 T 30 R 10 Pay Zone 7258 To 7445 Flow String Tubing

Casing O D 5.500 Wt 17.0 Set at 7484 Tubing O D 2.375 Wt 4.7 L 7316 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 11-20-62	To 11-28-62	4-9-62

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 1187 (j) Tubing 1187 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

Chart 456 (g) Corrected 456 (h) P_t 456 (i) Gravity .659

G. L. = 4821 $1-e^{-s}$ = .896 $(F_cQ)^2$ = 86.061

$(1-e^{-s})(F_cQ)^2 = R^2$ = 7714 P_t^2 = 207936 P_w^2 = 215650

Q = 543 (integrated) X $\left[\sqrt{\frac{(c)}{(d)} = \quad = \quad}\right]$ = 543

$D = Q$ 543 X $\left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{1056133}{1195319}\right]^N = \frac{.8850}{.9125}\right)$ = 495

Installed Intermitter. Turned back on production 11-1-62.

RECEIVED
DEC 14 1962
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 1187 psia

Q = 543 MCF/D

P_w = 464 psia

P_d = 594 psia

D = 495 MCF/D

Company EL PASO NATURAL GAS COMPANY

By* _____

Title H. L. Kendrick
Sr. Gas Engineer

Witnessed By _____

Company _____
