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 Schumacher No. 11 72-967

Unit K S 18 T 30 R 10 Pay Zone 7164 To 7276 Flow String Tubing

Casing O D 5-1/2 Wt 15.5 Set at 7442 Tubing O D 2-3/8 Wt 4.7 L 7247 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 8-6-61	To 8-14-61	4-25-61

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 2039 (j) Tubing 2029 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

Chart 469 (g) Corrected 469 (h) P_t 469 (i) Gravity .639

G. L. = 4631 $1-e^{-s}$ = .286 $(F_cQ)^2$ = 21.483

$(1-e^{-s})(F_cQ)^2 = R^2$ = 6144 P_t^2 = 219961 P_w^2 = 226105

Q = 493 (integrated) X $\sqrt{\frac{(c)}{(d)}}$ = _____ = _____ = 493

$D = Q$ 493 X $\left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{3086616}{3890736}\right]^N$ = .7933 / .8406 = 414

RECEIVED
OCT 4 1961
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 2029 psia

Q = 493 MCF/D

P_w = 476 psia

P_d = 1015 psia

D = 414 MCF/D

Company EL PASO NATURAL GAS COMPANY

By H. L. Kendrick

Title Sr. Gas Engineer

Witnessed By _____

Company _____