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 San Juan

Well Name Hamill No. 4-B (GRNO) 70-042

Unit G S 33 T 31 R 8 Pay Zone 4838 To 5563 Flow String Tubing

Casing O D 4-1/2 Wt 10.5 Set at 5536 Tubing O D 2-3/8 Wt 4.7 L 5439 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 11-27-61	To 12-5-61	4-13-61

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 ---- (j) Tubing 851 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

Chart 521 (g) Corrected 521 (h) P_t 521 (i) Gravity .651

G. L. = 3541 $1-e^{-s}$ = .227 $(F_cQ)^2$ = 196.504

$(1-e^{-s})(F_cQ)^2 = R^2$ = 44606 P_t^2 = 271441 P_w^2 = 312047

$Q = \underset{\text{(integrated)}}{1491} \times \left[\sqrt{\frac{(c)}{(d)} = \quad = \quad}\right] = 1491$

$D = Q \; 1491 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{542725}{408154}\right]^N = \frac{1.3297}{1.2382}\right) = 1846$

RECEIVED
DEC 22 1961
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 851 psia

Q = 1491 MCF/D

P_w = 562 psia

P_d = 426 psia

D = 1846 MCF/D

Company EL PASO NATURAL GAS COMPANY

By H. L. Kendrick

Title Sr. Gas Engineer

Witnessed By _____

Company _____
