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 Hardie "D" No. 2 73-356

Unit E S 14 T 28 R 8 Pay Zone 4542 To 5224 Flow String Tubing

Casing O D 4.500 Wt 10.5 Set at 5278 Tubing O D 2.375 Wt 4.7 L 5214 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 12-2-62	To 12-10-62	7-4-62

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 1040 (j) Tubing 1024 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

Chart 511 (g) Corrected 511 (h) P_t 511 (i) Gravity .689

G. L. = 3592 $1-e^{-s}$ = .230 $(F_cQ)^2$ = 86.286

$(1-e^{-s})(F_cQ)^2 = R^2$ = 1984.6 P_t^2 = 261121 P_w^2 = 260967

Q = 988 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)} = \quad = \quad}\right]$ = 988

$D = Q$ 988 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{786432}{767609}\right]^N = \frac{1.0245}{1.0183}\right)$ = 1006

RECEIVED
JAN 4 1963
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 1024	psia	Company	EL PASO NATURAL GAS COMPANY
Q = 986	MCF/D	By	
P_w = 530	psia	Title	H. L. Kendrick Sr. Gas Engineer
P_d = 512	psia	Witnessed By	
D = 1006	MCF/D	Company	
