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 Hall No. 5 70-460

Unit M S 24 T 31N R 11W Pay Zone 4307 To 4900 Flow String Tubing

Casing O D 7.000 Wt 23.0 Set at 4576 Tubing O D 2.375 Wt 4.7 L 4818 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 4-9-63	To 4-17-63	4-13-62

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 839 (j) Tubing 844 (k) ---- (e) ---- (f)

7 Day Avg. Flowing Pres., psia

Chart 490 (g) Corrected 490 (h) P_t 490 (i) Gravity .678

G. L. = 2729 $1-e^{-s}$ = .215 $(F_cQ)^2$ = 5.498

$(1-e^{-s})(F_cQ)^2 = R^2$ = 1169 P_t^2 = 240100 P_w^2 = 241269

$$Q = \frac{248}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \quad = \quad}\right] = 248$$

$$D = Q \; 248 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{240692}{241067}\right]^N = \frac{1.1561}{1.0990}\right) = 272$$

Intermitter was installed. Turned back on production 3-06-63.

RECEIVED MAY 3 1963 OIL CON. COM. DIST. 3

SUMMARY

P_c = 844 psia

Q = 248 MCF/D

P_w = 491 psia

P_d = 422 psia

D = 272 MCF/D

Company EL PASO NATURAL GAS COMPANY

By _____

Title R. L. Hendrick Sr. Gas Engineer

Witnessed By _____

Company _____
