NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA)

Pool __Blanco__ Formation __Mesa Verde__ County __San Juan__

Purchasing Pipeline __El Paso Natural Gas__ Date Test Filed _____

Operator __El Paso Natural Gas__ Lease __Sharp__ Well No. __1__

Unit __B__ Sec. __18__ Twp. __28__ Rge. __8__ Pay Zone: From __3815__ To __4636__

Casing: OD __7__ WT. __26__ Set At __3820__ Tubing: OD __2__ WT. __4.7__ T. Perf. __3771__

Produced Through: Casing _____ Tubing __X__ Gas Gravity: Measured __.712__ Estimated _____

Date of Flow Test: From __4-7-58__ To __4-15-58__ * Date S.I.P. Measured __5-23-57__

Meter Run Size _____ Orifice Size _____ Type Chart _____ Type Taps _____

OBSERVED DATA

Flowing casing pressure (Dwt) _____ psig + 12 = _____ psia	(a)
Flowing tubing pressure (Dwt) _____ psig + 12 = _____ psia	(b)
Flowing meter pressure (Dwt) _____ psig + 12 = _____ psia	(c)

Flowing meter pressure (meter reading when Dwt. measurement taken:

Normal chart reading _____ psig + 12 = _____ psia (d)

Square root chart reading (_____)^2 x spring constant _____ = _____ psia (d)

Meter error (c) - (d) or (d) - (c) ± = _____ psi (e)

Friction loss, Flowing column to meter:

(b) - (c) Flow through tubing: (a) - (c) Flow through casing = _____ psi (f)

Seven day average static meter pressure (from meter chart):

Normal chart average reading _____ psig + 12 = _____ psia (g)

Square root chart average reading (__5.75__)^2 x sp. const. __1500__ = __496__ psia (g)

Corrected seven day avge. meter press. (p$_f$) (g) + (e) = __496__ psia (h)

P_t = (h) + (f) = __496__ psia (i)

Wellhead casing shut-in pressure (Dwt) __981__ psig + 12 = __993__ psia (j)

Wellhead tubing shut-in pressure (Dwt) __773__ psig + 12 = __785__ psia (k)

P_c = (j) or (k) whichever well flowed through = __993__ + psia (l)

Flowing Temp. (Meter Run) __64__ °F + 460 = __524__ °Abs (m)

P_d = ½ P_c = ½ (l) = __497__ psia (n)

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{_____} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} \_\_\_ = \_\_\_ = \_\_\_ \right)^* = \underline{433} \text{ MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q \underline{433} \left[\begin{array}{l} \left(P_c^2 - P_d^2\right) = \underline{739040} \\ \left(P_c^2 - P_w^2\right) = \underline{737100} \end{array} \right]^n \frac{(1.0026)^{.73}}{(1.0019)} = \underline{433} \text{ MCF/da.}$$

SUMMARY

P_c = __993__ psia

Q = __433__ Mcf/day

P_w = __499__ psia

P_d = __497__ psia

D = __433__ Mcf/day

Company __El Paso Natural Gas__

By __Original Signed__

Title __Harold L. Kendrick__

Witnessed by _____

Company _____

* This is date of completion test.

* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-s})$	$(F_cQ)2$	$\frac{(F_cQ)^2 \quad (1-e^{-s})}{R^2}$	P_t^2 (Column i)	$P_t^2 + R^2$	P_w
2685	.177	16.573	2,933	246,016	248,949	499

+ SIPC used for Pc because tubing was perforated 3-20-58.

B at 500 = 426