Form C-122-A
Revised April 28, 1958

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 [illegible] Formation [illegible] County [illegible]

Purchasing Pipeline El Paso Natural Gas Date Test Filed

Operator El Paso Natural Gas Lease [illegible] Well No. [illegible]

Unit [illegible] Sec. 35 Twp. 29 Rge. 7 Pay Zone: From [illegible] To [illegible]

Casing: OD 5-1/2 WT. 15.5 Set At [illegible] Tubing: OD 2" WT. 4.7 T. Perf. [illegible]

Produced Through: Casing ____ Tubing T Gas Gravity: Measured [illegible] Estimated ____

Date of Flow Test: From 6/29/58 To 7/9/58 * Date S.I.P. Measured [illegible]

Meter Run Size ____ Orifice Size [illegible] 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 (7.25) ^{2} x sp. const. 10	=	[illegible]	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	[illegible]	psia	(h)
P_t = (h) + (f)	=	[illegible]	psia	(i)
Wellhead casing shut-in pressure (Dwt) 1075	psig + 12 =	[illegible]	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 1075	psig + 12 =	[illegible]	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	[illegible]	psia	(l)
Flowing Temp. (Meter Run) 75 °F + 460	=	[illegible]	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	[illegible]	psia	(n)

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{\_\_\_\_} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \_\_\_\_ = \_\_\_\_ \right)^n = 1798 \text{ MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q\ 1798 \left[\frac{P_c^2 - P_d^2 = 885633}{P_c^2 - P_w^2 = 830590} \right]^n \ 1.0660 / 1.0632 = 1886 \text{ MCF/da.}$$

SUMMARY

P_c =	1087	psia	Company	El Paso Natural Gas
Q =	1798	Mcf/day	By	Original Signed Harold L. Kendrick
P_w =	[illegible]	psia	Title	
P_d =	[illegible]	psia	Witnessed by	
D =	1886	Mcf/day	Company	

* This is date of completion test.

* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-s})$	$(F_cQ)^2$	$\frac{(F_cQ)^2 (1-e^{-s})}{R^2}$	P_t^2 (Column i)	$P_t^2 + R^2$	P_w
1135	.269	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

D at 500 = [illegible]

RECEIVED
JUL 18 1958
OIL CON. COM.
DIST. 3