Form C-122-A
Revised April 20, 1955

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)

72-221-01

Pool Blanco Formation Mesa Verde County San Juan

Purchasing Pipeline El Paso Natural Gas Date Test Filed ____

Operator El Paso Natural Gas Lease Florence Well No. 12-D (M)

Unit B Sec. 19 Twp. 27 Rge. 8 Pay Zone: From 4412 To 4578

Casing: OD 7-5/8 WT. 26.4 Set At 2327 Tubing: OD 2" WT. 4.7 T. Perf. 4538

Produced Through: Casing ____ Tubing X Gas Gravity: Measured .734 Estimated ____

Date of Flow Test: From 10/30/58 To 11/7/58 * Date S.I.P. Measured 7/8/58 (19)

Meter Run Size ____ Orifice Size 1.500 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 =	490	psia	(g)
Square root chart average reading (7.00) ^{2} x sp. const. 10	=	490	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	490	psia	(h)
P_t = (h) + (f)	=		psia	(i)
Wellhead casing shut-in pressure (Dwt)	psig + 12 =		psia	(j)
Wellhead tubing shut-in pressure (Dwt) 919	psig + 12 =	931	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	931	psia	(l)
Flowing Temp. (Meter Run) 82 °F + 460	=	542	°Abs	(m)
$P_d = ½ P_c = ½$ (1)	=	466	psia	(n)

FLOW RATE CALCULATION

Q = ____ (integrated) X ($\sqrt{(c)}$ / $\sqrt{(d)}$ = ____ = ____) * = 1283 MCF/da

DELIVERABILITY CALCULATION

D = Q 1283 $\left[\frac{(P_c^2 - P_d^2) = 649605}{(P_c^2 - P_w^2) = 595376} \right]^n$ $\frac{1.0910}{1.0675}$ = 1570 MCF/da.

SUMMARY

P_c =	931	psia
Q =	1283	Mcf/day
P_w =	521	psia
P_d =	466	psia
D =	1570	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	$(1-e^{-s})$	$(F_cQ)2$	$(F_cQ)^2$ $(1-e^{-s})$ R^2	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
3331	.215	145.516	31.285	240100	271385	521

D at 500 = 1249