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)

72-152

Pool Blanco - Mesa Verde Formation Mesa Verde County San Juan

Purchasing Pipeline El Paso Natural Gas Date Test Filed

Operator El Paso Natural Gas Lease Florance Well No. 11-B (M)

Unit G Sec. 18 Twp. 27N Rge. 8W Pay Zone: From 5132 To 5264

Casing: OD 5-1/2 WT. 15.5 Set At 5311 Tubing: OD 2-3/8 WT. 4.7 T. Perf. 5224

Produced Through: Casing ____ Tubing X Gas Gravity: Measured .724 Estimated ____

Date of Flow Test: From 7/22/58 To 7/30/58 * Date S.I.P. Measured 4/16/58

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 (6.80)^2 x sp. const. 10	=	462 psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	462 psia	(h)
P_t = (h) + (f)	=	462 psia	(i)
Wellhead casing shut-in pressure (Dwt) 802	psig + 12 =	814 psia	(j)
Wellhead tubing shut-in pressure (Dwt) 1062	psig + 12 =	1074 psia	(k)
P_c = (j) or (k) whichever well flowed through	=	1074 psia	(l)
Flowing Temp. (Meter Run) 72 °F + 460	=	532 °Abs	(m)
P_d = ½ P_c = ½ (l)	=	537 psia	(n)

FLOW RATE CALCULATION

$$Q = \text{____ (integrated)} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad \right)^{*} = 943 \text{ MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q \left[\frac{\left(P_c^2 - P_d^2\right) = 865107}{\left(P_c^2 - P_w^2\right) = 921166} \right]^{n} \frac{.9391^{*78}}{.9540} = 900 \text{ MCF/da.}$$

SUMMARY

P_c =	1074	psia
Q =	943	Mcf/day
P_w =	482	psia
P_d =	537	psia
D =	900	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	$(1-e^{-s})$	$(F_cQ)^2$	$\frac{(FcQ)^2}{R^2}$ $(1-e^{-s})$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
3782	.240	78.608	18.866	213.444	232.310	482

D at 500 = 906

RECEIVED
AUG 12 1958
OIL CON. COM.
DIST.