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)

72-317

Pool Blanco Formation Mesa Verde County Rio Arriba

Purchasing Pipeline El Paso Natural Gas Date Test Filed

Operator El Paso Natural Gas Lease Abraham Well No. 2-B

Unit A Sec. 14 Twp. 30 Rge. 6 Pay Zone: From 5246 To 5706

Casing: OD 7-5/8 WT. 26.4 Set At 3462 Tubing: OD 2" WT. 4.7 T. Perf. 5649

Produced Through: Casing ____ Tubing X Gas Gravity: Measured .597 Estimated ____

Date of Flow Test: From 11/29/58 To 12/7/58 * Date S.I.P. Measured 8/18/58 (9)

Meter Run Size 4 Orifice Size 1.250 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 (7.15) ^{2} x sp. const. 10	=	511	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	511	psia	(h)
P_t = (h) + (f)	=	511	psia	(i)
Wellhead casing shut-in pressure (Dwt) 1051	psig + 12 =	1063	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 1058	psig + 12 =	1070	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	1070	psia	(l)
Flowing Temp. (Meter Run) 60 °F + 460	=	520	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	535	psia	(n)

FLOW RATE CALCULATION

Q = ____ (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \frac{\quad}{\quad} \right)^*$ = 481 MCF/da

DELIVERABILITY CALCULATION

$D = Q \left[\left(\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right) = \frac{858675}{879342} \right]^n$ .9764 / .9822 = 472 MCF/da.

SUMMARY

P_c =	1070	psia	
Q =	481	Mcf/day	
P_w =	515	psia	
P_d =	535	psia	
D =	472	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	$(1-e^{-s})$	$(F_cQ)^2$	$\frac{(F_cQ)^2}{R^2}$ $(1-e^{-s})$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
3372	.217	20.448	4,437	261,121	265,558	515

D at 500 = 481

RECEIVED
JAN 5 1959
OIL CON. COM.
DIST. 3