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)

72-210

Pool Blanco Formation Mesa Verde County Rio Arriba

Purchasing Pipeline El Paso Natural Gas Date Test Filed

Operator El Paso Natural Gas Lease Rincon Unit Well No. 113

Unit H Sec. 20 Twp. 27N Rge. 6W Pay Zone: From 4842 To 5554

Casing: OD 5.5 WT. 15.5 Set At 5582 Tubing: OD 2 WT. 4.7 T. Perf. 5500

Produced Through: Casing ____ Tubing X Gas Gravity: Measured .687 Estimated ____

Date of Flow Test: From 9/21/58 To 10/1/58 * Date S.I.P. Measured 5/21/58 (12 days)

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 (6.9)^2 x sp. const. 10	=	476	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	476	psia	(h)
P_t = (h) + (f)	=	476	psia	(i)
Wellhead casing shut-in pressure (Dwt) 1080	psig + 12 =	1092	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 1080	psig + 12 =	1092	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	1092	psia	(l)
Flowing Temp. (Meter Run) 67 °F + 460	=	527	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	546	psia	(n)

FLOW RATE CALCULATION

Q = ____ (integrated) $\times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad \right)^* =$ 824 MCF/da

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n$

D = 824 $\left[\frac{894348}{951484} \right]^{.9547}$ = 787 MCF/da.

SUMMARY

P_c =	1092	psia	
Q =	824	Mcf/day	
P_w =	491	psia	
P_d =	546	psia	
D =	787	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	$(1-e^{-S})$	$(F_cQ)^2$	$\frac{(F_cQ)^2 (1-e^{-S})}{R^2}$	P_t^2 (Column i)	$P_t^2 + R^2$	P_w
3779	.240	60.016	14,404	226,576	240,980	491

D at 500 = 801

RECEIVED
OCT 16 1958
OIL CON. COM.
DIST. 3