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)

72-231 A Blanco

Pool ~~Undesignated~~ Formation Pictured Cliffs County Rio Arriba

Purchasing Pipeline El Paso Natural Gas Date Test Filed

Operator El Paso Natural Gas Lease Rincon Well No. 105

Unit I Sec. 17 Twp. 27 Rge. 6 Pay Zone: From 3222 To 3244

Casing: OD 5-1/2 WT. 15.5 Set At 3318 Tubing: OD 1-1/4 WT. 2.4 T. Perf. 3195

Produced Through: Casing ____ Tubing X Gas Gravity: Measured .712 Estimated ____

Date of Flow Test: From 9/7/58 To 9/15/58 * Date S.I.P. Measured 5/20/58

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 (6.9) ^{2} x sp. const. 5	= 238	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	= 238	psia	(h)
P_t = (h) + (f)	= 238	psia	(i)
Wellhead casing shut-in pressure (Dwt) 1054	psig + 12 = 1066	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 1054	psig + 12 = 1066	psia	(k)
P_c = (j) or (k) whichever well flowed through	= 1066	psia	(l)
Flowing Temp. (Meter Run) 61 °F + 460	= 521	°Abs	(m)
P_d = ½ P_c = ½ (l)	= 533	psia	(n)

FLOW RATE CALCULATION

Q = ____ (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad \right)^*$ = 409 MCF/da

DELIVERABILITY CALCULATION

D = Q 409 $\left[\frac{(P_c^2 - P_d^2) = 852,267}{(P_c^2 - P_w^2) = 1,064,298} \right]^n$ .8007 / .8080 = 339 MCF/da.

SUMMARY

P_c =	1066 psia	Company	El Paso Natural Gas
Q =	409 Mcf/day	By	Original Signed
P_w =	269 psia	Title	Harold L. Kendrick
P_d =	533 psia	Witnessed by	
D =	339 Mcf/day	Company	

* This is date of completion test.

* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-S})$	$(F_cQ)^2$	$\frac{(FcQ)^2 \quad (1-e^{-S})}{R^2}$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
2275	.152	101.405	15,414	56,644	72,058	269

D at 250 = 405

RECEIVED
OCT 1 1958
OIL CON. COM.
DIST. 3