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)

72-247

Pool Blanco Formation Mesa Verde County Rio Arriba

Purchasing Pipeline El Paso Natural Gas Date Test Filed

Operator El Paso Natural Gas Lease San Juan 29-7 Well No. 60

Unit A Sec. 34 Twp. 29N Rge. 7W Pay Zone: From 4846 To 5497

Casing: OD 5.5 WT. 15.5 Set At 5599 Tubing: OD 2" WT. 4.7 T. Perf. 5081

Produced Through: Casing ____ Tubing X Gas Gravity: Measured .702 Estimated ____

Date of Flow Test: From 9/21/58 To 10/1/58 * Date S.I.P. Measured ____

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 (7.05) ^{2} x sp. const. 10	=	497 psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	497 psia	(h)
P_t = (h) + (f)	=	497 psia	(i)
Wellhead casing shut-in pressure (Dwt) 1072	1084 psig + 12 =	1084 psia	(j)
Wellhead tubing shut-in pressure (Dwt) 1046	1058 psig + 12 =	1058 psia	(k)
P_c = (j) or (k) whichever well flowed through	=	1058 psia	(l)
Flowing Temp. (Meter Run) 82 °F + 460	=	542 °Abs	(m)
P_d = ½ P_c = ½ (l)	=	529 psia	(n)

FLOW RATE CALCULATION

Q = ____ (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad\right)^*$ = 1886 MCF/da

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{839523}{800666}\right]^n \frac{1.0485}{1.0362}$ = 1954 MCF/da.

SUMMARY

P_c =	1058	psia	
Q =	1886	Mcf/day	
P_w =	565	psia	
P_d =	529	psia	
D =	1954	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	$(1-e^{-S})$	$(F_cQ)^2$	$\frac{(FcQ)^2 \quad (1-e^{-S})}{R^2}$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
3567	.228	314.424	71,689	247,009	318,698	565

D at 500 = 1861

RECEIVED
OCT 17 1958
OIL CON. COM.
DIST. 3