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)

Pool Blanco Formation Mesa Verde County San Juan

Purchasing Pipeline El Paso Natural Gas Date Test Filed

Operator El Paso Natural Gas Lease San Juan 32-9 Unit Well No. 64

Unit M Sec. 2 Twp. 31 Rge. 9 Pay Zone: From 5610 To 5824

Casing: OD 7-5/8 WT. 26.4 Set At 3586 Tubing: OD 2 WT. 4.7 T. Perf. 5777

Produced Through: Casing ____ Tubing X Gas Gravity: Measured .580 Estimated ____

Date of Flow Test: From 9/7/58 To 9/15/58 * Date S.I.P. Measured 5/16/58

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 (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) 1032	1044 psig + 12 =	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 1034	1046 psig + 12 =	psia	(k)
P_c = (j) or (k) whichever well flowed through	= 1046	psia	(l)
Flowing Temp. (Meter Run) 76 °F + 460	= 536	°Abs	(m)
P_d = ½ P_c = ½ (l)	= 523	psia	(n)

FLOW RATE CALCULATION

Q = ____ (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \frac{\quad}{\quad}\right)^*$ = 806 MCF/da

DELIVERABILITY CALCULATION

$D = Q \left[\frac{(P_c^2 - P_d^2) = 820587}{(P_c^2 - P_w^2) = 834703}\right]^n \frac{.9830}{.9872} = 796$ MCF/da.

SUMMARY

P_c =	1046	psia
Q =	806	Mcf/day
P_w =	509	psia
P_d =	523	psia
D =	796	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
3351	.216	57.426	12,404	247,009	259,413	509

D at 500 = 795

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