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 North Los Pinos Formation Dakota County San Juan

Purchasing Pipeline El Paso Natural Gas Date Test Filed

Operator El Paso Natural Gas Lease Allison Well No. 1

Unit E Sec. 17 Twp. 32 Rge. 6 Pay Zone: From 7930 To 8084

Casing: OD 7 WT. 20 Set At 7930 Tubing: OD 2 WT. 4.7 T. Perf. 7992

Produced Through: Casing ____ Tubing X Gas Gravity: Measured .590 Estimated ____

Date of Flow Test: From 4/7/59 To 4/15/59 Date S.I.P. Measured 11/14/58 (7)

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 (6.98)^2 x sp. const. 10	=	487	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	487	psia	(h)
P_t = (h) + (f)	=	487	psia	(i)
Wellhead casing shut-in pressure (Dwt) 666	psig + 12 =	678	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 666	psig + 12 =	678	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	678	psia	(l)
Flowing Temp. (Meter Run) 51 °F + 460	=	511	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	339	psia	(n)

FLOW RATE CALCULATION

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

DELIVERABILITY CALCULATION

$D = Q \left[\frac{(P_c^2 - P_d^2) = 344763}{(P_c^2 - P_w^2) = 214099}\right]^n \frac{1.6102}{1.4295}$ = 819 MCF/da.

SUMMARY

P_c =	678	psia
Q =	573	Mcf/day
P_w =	496	psia
P_d =	339	psia
D =	819	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	$(1-e^{-s})$	$(F_cQ)^2$	$\frac{(FcQ)^2}{R^2}$ $(1-e^{-s})$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
4715	.290	29,020	8,416	237169	245585	496

D at 500 = 524

Test after workover

RECEIVED
APR 27 1959
OIL CON. COM.
DIST. 3