Form C-122-A
Revised April 20, 1955

Initial Deliverability Test

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)

74-906 Ballard

Pool ~~South Blanco~~ Formation Pictured Cliffs County San Juan

Purchasing Pipeline El Paso Natural Gas Date Test Filed

Operator El Paso Natural Gas Lease Wright Well No. 1

Unit I Sec. 2 Twp. 25 Rge. 8 Pay Zone: From 2814 To 2890

Casing: OD 5-1/2 WT. 15.5 Set At 2920 Tubing: OD 1-1/4 WT. 2.4 T. Perf. 2771

Produced Through: Casing ____ Tubing X Gas Gravity: Measured .666 Estimated ____

Date of Flow Test: From 11/29/59 To 12/7/59 * Date S.I.P. Measured 9/10/59

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 (____)^2 x sp. const. 213 = 225 psia			(g)
Corrected seven day avge. meter press. (p_f) (g) + (e) = 225 psia			(h)
P_t = (h) + (f) = 225 psia			(i)
Wellhead casing shut-in pressure (Dwt) ____ psig + 12 = 465 psia			(j)
Wellhead tubing shut-in pressure (Dwt) ____ psig + 12 = 465 psia			(k)
P_c = (j) or (k) whichever well flowed through = 465 psia			(l)
Flowing Temp. (Meter Run) 54 °F + 460 = 514 °Abs			(m)
P_d = ½ P_c = ½ (l) = 233 psia			(n)

FLOW RATE CALCULATION

$$Q = \text{____ (integrated)} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad \right)^{*} = 454 \text{ MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q \left[\left\{ \frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right\} = \frac{161936}{149859} \right]^{n} \frac{1.0805}{1.0680} = 485 \text{ MCF/da.}$$

SUMMARY

P_c =	465	psia
Q =	454	Mcf/day
P_w =	258	psia
P_d =	233	psia
D =	485	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
1845	.126	124.925	15,741	50625	66366	258

D at 250 = 412

RECEIVED
JAN 18 1960
OIL CON. COM.
DIST. 3