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)

Pool Blanco Mesa Verde Formation Mesa Verde County SJ

Purchasing Pipeline El Paso Natural Gas Co. Date Test Filed May 22, 1958

Operator Tennessee Gas Trans. Co. Lease Blanco State Unit 1 Well No. 1

Unit G 5" Liner Sec. 2 11.5 Twp. 30N 4353-4813 Rge. 11W Pay Zone: From 4706 To 4795

Casing: OD 5½" WT. 14.0 Set At 4350 Tubing: OD 2" WT. 4.7 T. Perf. 4664-4670

Produced Through: Casing ____ Tubing X Gas Gravity: Measured .685 Estimated ____

Date of Flow Test: From 4-18 To 4-26 * Date S.I.P. Measured 12-16-57

Meter Run Size 4" Orifice Size 1.250 Type Chart SR Type Taps Flange

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 (7.35) ^{2} x sp. const. 1000 = 540 psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e) = 540 psia	(h)
P_t = (h) + (f) = 540 psia	(i)
Wellhead casing shut-in pressure (Dwt) 1031 psig + 12 = 1043 psia	(j)
Wellhead tubing shut-in pressure (Dwt) ____ psig + 12 = ____ psia	(k)
P_c = (j) or (k) whichever well flowed through = 1043 psia	(l)
Flowing Temp. (Meter Run) 75 °F + 460 = 535 °Abs	(m)
P_d = ½ P_c = ½ (l) = 521 psia	(n)

FLOW RATE CALCULATION

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

DELIVERABILITY CALCULATION

$$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{816,408}{789,329}\right]^n = 615 \left[\quad\right]^{1.02638} = 631 \text{ MCF/da.}$$

SUMMARY

P_c = 1043 psia
Q = 615 Mcf/day
P_w = 546 psia
P_d = 521 psia
D = 631 Mcf/day

Company Tennessee Gas Transmission Company
By Patterson Lay (Original Signed PATTERSON LAY)
Title District Production Superintendent
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
394	.287	33 434	6 980	281 600	298 580	546

RECEIVED
JUL 14 1958
OIL CON. COM.
DIST. 3