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 So. Blanco Pictured Cliffs Formation Pictured Cliffs County Rio Arriba

Purchasing Pipeline El Paso Natural Gas Co. Date Test Filed 1/14/58

Operator The Ohio Oil Company Lease Jicarilla Apache Well No. 1

Unit [illegible] Sec. [illegible] Twp. [illegible] Rge. [illegible] Pay Zone: From [illegible] To [illegible]

Casing: OD 7" WT. [illegible] Set At [illegible] Tubing: OD 2-3/8 WT. 4.7 T. Perf. [illegible]

Produced Through: Casing ______ Tubing X Gas Gravity: Measured [illegible] Estimated ______

Date of Flow Test: From ______ To ______ * Date S.I.P. Measured [illegible]

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 7.38 [illegible]	psig + 12 =	[illegible]	psia	(g)
Square root chart average reading ( ) ^{2} x sp. const.	=	[illegible]	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	[illegible]	psia	(h)
P_t = (h) + (f) [illegible]	=	[illegible]	psia	(i)
Wellhead casing shut-in pressure (Dwt) [illegible]	psig + 12 =	[illegible]	psia	(j)
Wellhead tubing shut-in pressure (Dwt)	psig + 12 =	[illegible]	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	[illegible]	psia	(l)
Flowing Temp. (Meter Run) 67 °F + 460	=	[illegible]	°Abs	(m)
$P_d = ½ P_c = ½$ (l)	=	[illegible]	psia	(n)

FLOW RATE CALCULATION

Q = ______ (integrated) X ($\sqrt{(c)}$ / $\sqrt{(d)}$ = ______ = ______) * = 2,048 MCF/da

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DELIVERABILITY CALCULATION

D = Q 2,048 $\left[\dfrac{P_c^2 - P_d^2 = \text{[illegible]}}{P_c^2 - P_w^2 = \text{[illegible]}}\right]^n$ 2,048 x .872 = 1,785 MCF/da.

SUMMARY

P_c = [illegible] psia

Q = 2048 Mcf/day

P_w = [illegible] psia

P_d = [illegible] psia

D = 1785 Mcf/day

Company The Ohio Oil Company

By W. A. Poe

Title Production Foreman

Witnessed by ______

Company ______

* This is date of completion test.
* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	(1-e^{-s})	(F_cQ)2	$(FcQ)^2$ (1-e^{-s}) / R^2	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
2102	0.143	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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