3-N.M.O.C.C. Aztec
1-[illegible] Cutler
1-El Paso
1-Wayne Smith
1-File

Initial Deliverability Test

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 [illegible] Formation [illegible] County [illegible]

Purchasing Pipeline [illegible] Date Test Filed [illegible]

Operator [illegible] Well No. [illegible]

Unit [illegible] Sec. 6 Twp. [illegible] Rge. [illegible] Pay Zone: From [illegible] To [illegible]

Casing: OD 5 1/2 WT. 15.5 Set At [illegible] Tubing: OD [illegible] WT. 4.7 T. Perf. [illegible]

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

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

Meter Run Size [illegible] Orifice Size [illegible] Type Chart [illegible] Type Taps [illegible]

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 ([illegible]) ^{2} x sp. const.		=	[illegible]	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)		=		psia	(h)
P_t = (h) + (f)		=	[illegible]	psia	(i)
Wellhead casing shut-in pressure (Dwt)	[illegible]	psig + 12 =	[illegible]	psia	(j)
Wellhead tubing shut-in pressure (Dwt)	[illegible]	psig + 12 =	[illegible]	psia	(k)
P_c = (j) or (k) whichever well flowed through		=	[illegible]	psia	(l)
Flowing Temp. (Meter Run)	[illegible] °F + 460	=	[illegible]	°Abs	(m)
$P_d = \frac{1}{2} P_c = \frac{1}{2}$ (1)		=	[illegible]	psia	(n)

FLOW RATE CALCULATION

Q = 1,335 (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \underline{\quad} = \underline{\quad} \right)$ * = 1,335 MCF/da

DELIVERABILITY CALCULATION

D = Q 1,335 $\left[\frac{\left(P_c^2 - P_d^2\right) = \text{[illegible]}}{\left(P_c^2 - P_w^2\right) = \text{[illegible]}} \right]^n$ [illegible] = [illegible] MCF/da.

SUMMARY

P_c =	[illegible]	psia
Q =	[illegible]	Mcf/day
P_w =	[illegible]	psia
P_d =	[illegible]	psia
D =	[illegible]	Mcf/day

Company [illegible]
By Original signed by G. H. Peppin
Title [illegible]
Witnessed by ____
Company ____

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

REMARKS OR FRICTION CALCULATIONS

GL	(1-e^{-s})	(F_cQ)2	$\frac{(F_cQ)^2 (1-e^{-s})}{R^2}$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

RECEIVED JUL 1957 OIL CON. COM. DIST. 3

dk