- [illegible]
- [illegible]
4 - [illegible]
2 - [illegible]
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 JAN 17 1957

Operator [illegible] Lease [illegible] Well No. [illegible]

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

Casing: OD [illegible] WT. [illegible] Set At 5770 Tubing: OD 2-3/8 WT. 4.7 T. Perf. [illegible]

Produced Through: Casing ______ Tubing X Gas Gravity: Measured ______ Estimated .690

Date of Flow Test: From [illegible] To [illegible] * 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	psig + 12 =	psia	(g)
Square root chart average reading ( ) ^{2} x sp. const. 565	= 577	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	psia	(h)
P_t = (h) + (f)	= 577	psia	(i)
Wellhead casing shut-in pressure (Dwt) 1111	psig + 12 = [illegible]	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 1103	psig + 12 = 1115	psia	(k)
P_c = (j) or (k) whichever well flowed through	= 1115	psia	(l)
Flowing Temp. (Meter Run) 73 °F + 460	= 533	°Abs	(m)
P_d = ½ P_c = ½ (l)	= 558	psia	(n)

FLOW RATE CALCULATION

Q = 1516 (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \_\_\_ = \_\_\_ \right)$ * = ______ MCF/da

DELIVERABILITY CALCULATION

D = Q 1516 $\left[\frac{\left(P_c^2 - P_d^2\right) = \text{[illegible]}}{\left(P_c^2 - P_w^2\right) = \text{[illegible]}} \right]^n$ $\frac{(1.0809)^{.75}}{1.060}$ = 1607 MCF/da.

SUMMARY

P_c =	1115	psia
Q =	1516	Mcf/day
P_w =	617	psia
P_d =	558	psia
D =	1607	Mcf/day

Company [illegible]
By [illegible]
Title [illegible]
Witnessed by ______
Company ______

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

REMARKS OR FRICTION CALCULATIONS

GL	(1-e^{-s})	$(F_cQ)^2$	$(FcQ)^2$ (1-e^{-s}) / R^2	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
[illegible]	.037	[illegible]	48,146	[illegible]	[illegible]	617

OK