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 [redacted] Formation [redacted] County [redacted]

Purchasing Pipeline [redacted] Date Test Filed: JAN 17 1957

Operator [redacted] Lease [redacted] Well No. [redacted]

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

Casing: OD [redacted] WT. [redacted] Set At [redacted] Tubing: OD [redacted] WT. [redacted] T. Perf. [redacted]

Produced Through: Casing [redacted] Tubing [redacted] Gas Gravity: Measured [redacted] Estimated [redacted]

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

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

OBSERVED DATA

Flowing casing pressure (Dwt)	[redacted] psig + 12 =	[redacted]	psia	(a)
Flowing tubing pressure (Dwt)	[redacted] psig + 12 =	[redacted]	psia	(b)
Flowing meter pressure (Dwt)	[redacted] psig + 12 =	[redacted]	psia	(c)
Flowing meter pressure (meter reading when Dwt. measurement taken):				
Normal chart reading	[redacted] psig + 12 =	[redacted]	psia	(d)
Square root chart reading ([redacted]) ^{2} x spring constant	[redacted] =	[redacted]	psia	(d)
Meter error (c) - (d) or (d) - (c)	± =	[redacted]	psi	(e)
Friction loss, Flowing column to meter:				
(b) - (c) Flow through tubing: (a) - (c) Flow through casing	=	[redacted]	psi	(f)
Seven day average static meter pressure (from meter chart):				
Normal chart average reading	[redacted] psig + 12 =	[redacted]	psia	(g)
Square root chart average reading ([redacted]) ^{2} x sp. const. [redacted]	=	[redacted]	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	[redacted]	psia	(h)
P_t = (h) + (f)	=	[redacted]	psia	(i)
Wellhead casing shut-in pressure (Dwt) [redacted]	[redacted] psig + 12 =	[redacted]	psia	(j)
Wellhead tubing shut-in pressure (Dwt) [redacted]	[redacted] psig + 12 =	[redacted]	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	[redacted]	psia	(l)
Flowing Temp. (Meter Run) [redacted]	°F + 460 =	[redacted]	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	[redacted]	psia	(n)

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{[redacted]} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{[redacted]}{[redacted]} = [redacted] \right)^{*} = [redacted] \text{ MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = [redacted] \left[\frac{1,657,633}{1,759,368} \right]^{.85} = \frac{(.9422)^{.85}}{.9563} = 199 \text{ MCF/da.}$$

SUMMARY

P_c = [redacted]	psia	Company [redacted]	
Q = [redacted]	Mcf/day	By [redacted]	
P_w = [redacted]	psia	Title [redacted]	
P_d = [redacted]	psia	Witnessed by [redacted]	
D = 199	Mcf/day	Company [redacted]	

* 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
1690	.116	1870	217	[redacted]	[redacted]	678

[redacted]

RECEIVED
JAN 18 1957
OIL CON. COM.
DIST. 3