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] Lease San Juan 29-6 Well No. [illegible]

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

Casing: OD [illegible] WT. [illegible] Set At 5670' Tubing: OD [illegible] WT. [illegible] T. Perf. [illegible]

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

Date of Flow Test: From 6-21-58 To 6-29-58 * 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 449	psig + 12 =	461	psia	(g)
Square root chart average reading ( ) ^{2} x sp. const.	=		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) 1065	psig + 12 =	1077	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 1059	psig + 12 =	[illegible]	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	[illegible]	psia	(l)
Flowing Temp. (Meter Run) 81 °F + 460	=	[illegible]	°Abs	(m)
$P_d = \frac{1}{2} P_c = \frac{1}{2}$ (l)	=	[illegible]	psia	(n)

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{586} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \_\_\_ = \_\_\_ \right)^{*} = \_\_\_ \text{ MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q\ 586 \left[\frac{\left(P_c^2 - P_d^2\right) = [illegible]}{\left(P_c^2 - P_w^2\right) = [illegible]} \right]^n \frac{0.9478}{0.9453} = [illegible] \text{ MCF/da.}$$

SUMMARY

P_c =	1071	psia
Q =	586	Mcf/day
P_w =	449	psia
P_d =	535.5	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	$(1-e^{-s})$	$(F_cQ)2$	$(F_cQ)^2 \quad (1-e^{-s})$ / R^2	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
3781	0.440	30.360	7.286	[illegible]	[illegible]	449

RECEIVED
JUL 16 1958
OIL CON. COM.
DIST. 3