Form C-122-A
Revised April 20, 1958

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)

70-189-CL

Pool [illegible] Formation [illegible] County [illegible]

Purchasing Pipeline [illegible] Date Test Filed

Operator [illegible] Lease [illegible] Well No. 3-A

Unit L Sec. 17 Twp. 29 Rge. 7 Pay Zone: From [illegible] To [illegible]

Casing: OD 7 WT. 20 Set At 5197 Tubing: OD 2 WT. 4.7 T. Perf. [illegible]

Produced Through: Casing ____ Tubing X Gas Gravity: Measured .689 Estimated ____

Date of Flow Test: From 6/23/59 To 6/29/59 * Date S.I.P. Measured 3/30/59

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 (6.95) ^{2} x sp. const. 10	= 483	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	= 483	psia	(h)
P_t = (h) + (f)	= 483	psia	(i)
Wellhead casing shut-in pressure (Dwt)	psig + 12 =	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 900	psig + 12 = 912	psia	(k)
P_c = (j) or (k) whichever well flowed through	= 912	psia	(l)
Flowing Temp. (Meter Run) 75 °F + 460	= 535	°Abs	(m)
P_d = ½ P_c = ½ (l)	= 456	psia	(n)

FLOW RATE CALCULATION

Q = ____ (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad \right)^*$ = 325 MCF/da

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n$ = 325 [illegible] = 1.0466 / 1.0367 = 336 MCF/da.

SUMMARY

P_c = 912 psia
Q = 325 Mcf/day
P_w = 486 psia
P_d = 456 psia
D = 336 Mcf/day

Company [illegible]
By Original Signed
Title Harold L. Kendrick
Witnessed by ____
Company ____

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

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-S})$	$(F_cQ)^2$	$\frac{(FcQ)^2 (1-e^{-S})}{R^2}$	P_t^2 (Column i)	$P_t^2 + R^2$	P_w
4199	.263	9.339	2,456	[illegible]	[illegible]	486

D at 900 = 313

OK Submitted, 3/30/59

RECEIVED
JUL 27 1959
OIL CON. COM.
DIST. 3