Form C-122-A

Revised April 20, 1955

Initial Deliverability Test

CORRECTED

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 Flora Vista Formation Fruitland County San Juan

Purchasing Pipeline El Paso Natural Gas Company Date Test Filed 7-1-57

Operator Northwest Production Corp. Lease Blanco 30-12 Well No. 3-10

Unit L Sec. 10 Twp. 30N Rge. 12W Pay Zone: From 1756 To 1774

Casing: OD 5½ WT. 15.5 Set At 1786 PB Tubing: OD 2-3/8 WT. 4.7 T. Perf. 1717

Produced Through: Casing ____ Tubing X Gas Gravity: Measured .660 Estimated ____

Date of Flow Test: From 5-17-57 To 5-24-57* Date S.I.P. Measured 1-7-57

Meter Run Size 2" Orifice Size 1.00 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 400	psig + 12 =	412	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)	=	412	psia	(i)
Wellhead casing shut-in pressure (Dwt) 643	psig + 12 =	655	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 642	psig + 12 =	654	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	654	psia	(l)
Flowing Temp. (Meter Run) 53 °F + 460	=	____	°Abs	(m)
P_d = ½ P_c = ½ (1)	=	327	psia	(n)

FLOW RATE CALCULATION

Q = 397 (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad\right)^*$ = ____

RECEIVED JUL 2 1957 OIL CON. COM. DIST. 3

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{320.787}{256.899}\right]^n$ 1.2078 = 479 MCF/D.

SUMMARY

P_c =	654	psia
Q =	397	Mcf/day
P_w =	413.3	psia
P_d =	327	psia
D =	479	Mcf/day

Company Northwest Production Corp.

By Ray Phillips RAY PHILLIPS

Title Asst Mgr, Prod Opr

Witnessed by ____

Company ____

* This is date of completion test.

* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-S})$	$(F_cQ)2$	$\frac{(FcQ)^2}{R^2}$ $(1-e^{-S})$	P_t^2 (Column i)	$P_t^2 + R^2$	P_w
1133	0.079	13.935	1.101	169.744	170.845	413.3