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 Wildcat Formation Pictured Cliffs County San Juan

Purchasing Pipeline El Paso Natural Gas Company Date Test Filed 6-28-57

Operator Northwest Production Corp. Lease Blanco 30-12 Well No. 12-4

Unit O Sec. 4 Twp. 30N Rge. 12W Pay Zone: From 2076 To 2084

Casing: OD 4½ WT. 9.5 Set At 2133 Tubing: OD 1½ WT. 2.3 T. Perf.

Produced Through: Casing ^ Tubing X Gas Gravity: Measured .670 Estimated

Date of Flow Test: From 5-17-57 To 5-24-57 * Date S.I.P. Measured 4-11-57

Meter Run Size 2" Orifice Size .250 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 413	psig + 12 =	427	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)	=	427	psia	(i)
Wellhead casing shut-in pressure (Dwt) 629	psig + 12 =	641	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 629	psig + 12 =	641	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	641	psia	(l)
Flowing Temp. (Meter Run) 74 °F + 460	=		°Abs	(m)
P_d = ½ P_c = ½ (l)	=	321	psia	(n)

FLOW RATE CALCULATION

Q = 7 (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad \right)^*$ = _____ MCF/da

DELIVERABILITY CALCULATION

D = Q 7 $\left[\left(\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right) = \frac{307.840}{228.332} \right]^n$ 1.2880 = 9 MCF/da.

SUMMARY

P_c =	641	psia	
Q =	7	Mcf/day	
P_w =	427	psia	
P_d =	321	psia	
D =	9	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	$(1-e^{-s})$	$(F_cQ)^2$	$\frac{(F_cQ)^2}{R^2}$ $(1-e^{-s})$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
1394	0.096	.030	.003	182.329	182.332	427

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