3-N.M.O.C.C. Aztec
1-Bill Cutler
1-L.D.Calloway
2-File

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 Blanco Mesa Verde Formation Mesa Verde County Rio Arriba

Purchasing Pipeline PACIFIC NORTHWEST PIPELINE CORPORATION Date Test Filed 11-26-57

Operator PACIFIC NORTHWEST PIPELINE Lease San Juan 29-5 Well No. 9-26

Unit L Sec. 26 Twp. 29N Rge. 5W Pay Zone: From 6482' To 5978'

Casing: OD 5½" WT. 14# Set At 6534' Tubing: OD 2-3/8" WT. 4.7# T. Perf. 6482'

Produced Through: Casing ____ Tubing X X Gas Gravity: Measured ____ Estimated .650

Date of Flow Test: From 10-23-57 To 10-31-57 * Date S.I.P. Measured 9-18-55

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	549 psig + 12 =	561	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)	=	561	psia	(i)
Wellhead casing shut-in pressure (Dwt)	1008 psig + 12 =	1020	psia	(j)
Wellhead tubing shut-in pressure (Dwt)	787 psig + 12 =	799	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	1020	psia	(l)
Flowing Temp. (Meter Run)	74 °F + 460 =	534	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	510	psia	(n)

FLOW RATE CALCULATION

Q = 171 (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \frac{\quad}{\quad} \right)^{*}$ = ____ MCF/da

DELIVERABILITY CALCULATION

$D = Q \left[\left(\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right) = \frac{780,300}{724,996} \right]^{n} \frac{(1.076)^{.75}}{(1.056)}$ = 181 MCF/da.

SUMMARY

P_c =	1020	psia	
Q =	171	Mcf/day	
P_w =	562	psia	
P_d =	510	psia	
D =	181	Mcf/day	

Company PACIFIC NORTHWEST PIPELINE CORP.
By Original signed by G. H. Peppin
Title District Production Engineer
Witnessed by ____
Company ____

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

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-s})$	$(F_cQ)^2$	$\frac{(FcQ)^2}{R^2}$ $(1-e^{-s})$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
4213	0.864	2.586	.683	314.721	315.404	562

RECEIVED
NOV 27 1957
OIL CON. COM.
DIST. 3