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 Blanco Formation Mesa Verde County San Juan

Purchasing Pipeline EL PASO NATURAL GAS COMPANY Date Test Filed 7-21-58

Operator PACIFIC NORTHWEST Lease Blanco 31-8 Well No. 5-26

Unit G Sec. 26 Twp. 31N Rge. 8W Pay Zone: From 5130' To 5640'

Casing: OD 5½" WT. ____ Set At 5740' Tubing: OD 1½" WT. 2.3 T. Perf. 5618'

Produced Through: Casing ____ Tubing xx Gas Gravity: Measured .599 Estimated ____

Date of Flow Test: From 6-15-58 To 6-22-58 * Date S.I.P. Measured 2-28-58

Meter Run Size ____ Orifice Size 1.500 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 (7.40)² x sp. const. 10.00	=	548 psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	____ psia	(h)
	=	548 psia	(i)
P_t = (h) + (f)			
Wellhead casing shut-in pressure (Dwt) 1101	psig + 12 =	1113 psia	(j)
Wellhead tubing shut-in pressure (Dwt) 1077	psig + 12 =	1089 psia	(k)
P_c = (j) or (k) whichever well flowed through	=	1113 psia	(l)
Flowing Temp. (Meter Run) 84 °F + 460	=	544 °Abs	(m)
P_d = ½ P_c = ½ (l)	=	557 556.5 psia	(n)

FLOW RATE CALCULATION

Q = 1,270 (integrated) x $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad\right)^{*}$ = ____ MCF/da

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{909,077}{786,320}\right]^{n}$ 1.279 / 1.203 = 1,588 MCF/da.

SUMMARY

P_c =	1113	psia
Q =	1,270	Mcf/day
P_w =	716	psia
P_d =	556.5 557	psia
D =	1,588	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	$(1-e^{-S})$	$(F_cQ)^2$	$\frac{(FcQ)^2 \quad (1-e^{-S})}{R^2}$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
3365	0.217	977.685	212.145	300.304	512.449	716

RECEIVED
JUL 22 1958
OIL CON. COM.
DIST. 3