3 - NMOCC
1 - L.G. Truby
2 - El Paso Natural Gas (Galloway)
2 - Wayne Smith
1 - 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 Mesaverde Formation Mesaverde County Rio Arriba

Purchasing Pipeline PACIFIC NORTHWEST PIPELINE CORPORATION Date Test Filed JAN 17 1957

Operator EL PASO NATURAL GAS Lease SAN JUAN UNIT 30-6 Well No. 13-32

Unit G Sec. 32 Twp. 30 Rge. 6W Pay Zone: From 5902 To 6100

Casing: OD 5½ WT. 15.5 Set At 6143 Tubing: OD 2-3/8 WT. 4.7 T. Perf. 6106

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

Date of Flow Test: From 12-9-56 To 12-17-56* Date S.I.P. Measured 3-21-56

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 (____)^2 x sp. const. 535	=	547	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	____	psia	(h)
P_t = (h) + (f)	=	547	psia	(i)
Wellhead casing shut-in pressure (Dwt) 1095	psig + 12 =	1107	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 1095	psig + 12 =	1107	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	1107	psia	(l)
Flowing Temp. (Meter Run) 55 °F + 460	=	415	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	554	psia	(n)

FLOW RATE CALCULATION

$Q =$ 819 (integrated) $\times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \_\_\_\_ = \_\_\_\_ \right)^{*} =$ ____ MCF/da

DELIVERABILITY CALCULATION

$$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n \frac{(1.0079)^{.75}}{1.0059} = \_\_\_\_ \text{ MCF/da.}$$

$P_c^2 - P_d^2 = 918,533$

$P_c^2 - P_w^2 = 911,398$

n = ____

SUMMARY

P_c =	1107 psia	Company	PACIFIC NORTHWEST PIPELINE CORPORATION
Q =	819 Mcf/day	By	Donald C. Adams
P_w =	560 psia	Title	Well Test Engineer
P_d =	554 psia	Witnessed by	____
D =	804 Mcf/day	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
3969	.251	59,290	14,882	[illegible]	314091	560

RECEIVED
JAN 18 1957
OIL CON. COM.
DIST. 3