

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 9-7-76	
Company Northwest Pipeline Corp.				Connection new well			
Pool Blanco				Formation Mesa Verde		Unit Cox Canyon	
Completion Date 8-29-76		Total Depth 5876		Plug Back TD --		Elevation 6632 GR	
Farm or Lease Name Cox Canyon Unit							
Casing Size 7.000 4.500		Wt. 20# 10.5#		d 6.456 4.052		Set At 3720 3564-5874	
Perforations: From 5160 To 5762				Well No. 1A			
Trg. Size 2.375		Wt. 4.7		d 1.995		Set At 5777	
Perforations: From To				Unit Sec. Twp. Rge. C 16 32 11			
Type Well - Single - Hindenhead - G.G. or G.O. Multiple Gas Single						Packer Set At none	
Producing Thru tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
State New Mexico							
L .		H .		G _g .668		% CO ₂ % N ₂ % H ₂ S	
Office meter		Meter Run 4"		Taps flange			

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Meter PSIG	Meter Diff.	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI	4	x	2.500	117	9.2	55°	978		994		SIP
1.							465		831		
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Meter Static	Meter Diff.	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	103.21	3.59	9.2	1.005	1.206	1.014	4189
2.							
3.							
4.							
5.							

NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 1006 P _c ² 1012036			
NO.	P _f ²	P _w	P _w ²
1		843	710649
2			
3			
4			
5			

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.3579$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.4806$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 10,392$

RECEIVED
 SEP 9 1976
 OIL CON. COM.
 DIST. 3

Absolute Open Flow 10,392 Mcfd @ 15.025		Angle of Slope @ _____
Remarks: Variable choke set at 48/64. Well produced a trace of condensate		

Approved By Commission:	Conducted By: F.S. Hamrick	Calculated By: F.S. Hamrick js	Checked By:
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