

**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 8-12-76			
Company Northwest Pipeline Corporation				Connection New completion					
Pool Blanco				Formation Mesa Verde				Unit Cox Canyon	
Completion Date 8-4-76		Total Depth 6008'		Plug Back TD 5937'		Elevation 6785' GR		Farm or Lease Name Cox Canyon Unit	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6004	Perforations: From 5244' To 5916'		Well No. 7A			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5908'	Perforations: From To		Unit Sec. Twp. Rge. 0 17 32 11			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single						Packer Set At None		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0		State New Mexico	
L	H	Gg .660	% CO ₂	% N ₂	% H ₂ S	Prover Orifice 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	7 day SIP						812		904		
1.	4 X 2.500			101	8.2	52°	428		816		3 hrs
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Meter Static	Meter Diff.	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	103.21	3.36	8.2	1.0078	1.231	1.015	3581
2.							
3.							
4.							
5.							

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

P _c 916	P _c ² 839056	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 5.4672$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.5754$
NO	P _t ²	P _w	P _w ²
1		828	685584
2			
3			
4			
5			

Absolute Open Flow 12,804 Mcfd @ 15.025		Angle of Slope @	Slope, n .75
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Remarks: Diff from L-10 chart. Coefficient from chart factor 3.162 and Orifice factor 32.64. Variable choke set @ 48/64 well produced 4 bbls. of water with a trace of condensate.	
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Approved By Commission:	Conducted By: Fred S. Hamrick	Calculated By: Fred S. Hamrick	Checked By: B.B.B.
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