

Form C-122
Revised 9-1-65

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		10-26-81	
Company				Connection							
Northwest Pipeline Corporation				New Completion							
Pool				Formation				Unit			
Blanco				Mesa Verde				San Juan 29-5			
Completion Date		Total Depth		Plug Back TD		Elevation		Farm or Lease Name			
10-13-81		5720'		5650'		5705'		San Juan 29-5 Unit			
Cg. 000		Wt. 20.0		d 6.456		Set At 3620'		Perforations:		Well No.	
4.500		10.5		4.052		3423'-5702'		From 5137' To 5638'		#37A	
Tag. Size		Wt.		d		Set At		Perforations:		Unit Sec. Twp. Rgn.	
2.375		4.7		1.995		5505'		From To		E 31 29N 5W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple						Packer Set At		County			
Gas - Single Completion						None		Rio Arriba			
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a		State			
Tubing		B				12.0		New Mexico			
L		H		G _g est.		% CO ₂		% N ₂		% H ₂ S	
				.680						positive choke	
FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							833		833		SIP
1.	2"	X .750			238	60	238		574		3 hrs.
2.											
3.											
4.											
5.											
RATE OF FLOW CALCULATIONS											
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd				
1	9.604		250	.994	1.213	1.024	2964				
2.											
3.											
4.											
5.											
NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio				Mcft/bbl.		
1					A.P.I. Gravity of Liquid Hydrocarbons				Deg.		
2					Specific Gravity Separator Gas				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 845 P _c ² 714025					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.9265$				(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.6352$		
NO	P _t ²	P _w	P _w ²	P _c ² - P _w ²							
1		586	343396	370629							
2											
3											
4											
5											
Absolute Open Flow 4847					Mcft @ 15.025			Angle of Slope °		Slope, n .75	
Remarks: Produced light mist of water with a trace of condensate. Vented 408 MCF.											
Approved by Commission:				Conducted By: Fred S. Hamrick				Calculated By: B.J. Broughton			
								Checked By: 12-22			