

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 9-22-81	
Company Northwest Pipeline Corporation				Connection New Completion			
Pool Undesignated				Formation Pictured Cliffs		Unit San Juan 29-5	
Completion Date 7-21-81		Total Depth 3704'		Plug Back TD 3695'		Elevation 6466'	
Csg. Size 2.875		Wt. 6.4		Set At 3704'		Perforations: From 3426' To 3456'	
Trq. Size None		Wt. d		Set At d		Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Tubingless Completion						Packer Set At None	
Producing Thru Casing		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
L		H		G _g		% CO ₂	
				.60		% N ₂	
						% H ₂ S	
						positive choke	
						Meter Run	
						Tcps	
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.
NO.						Temp. °F	Press. p.s.i.g.
1.	2"	X	.750	7		53°	7
2.							
3.							
4.							
5.							
RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow O, Mcfd
1.	9.604		19	1.007	1.291	1.003	238
2.							
3.							
4.							
5.							
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio		
1.					A.P.I. Gravity of Liquid Hydrocarbons		
2.					Specific Gravity Separator Gas		
3.					Specific Gravity Flowing Fluid		
4.					Critical Pressure		
5.					Critical Temperature		
					RECEIVED NOV 6 - 1981 OIL CON. COM. DIST. 3		
NO.	P _r	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ 238		
1.							
2.							
3.							
4.							
5.							
Absolute Open Flow 238					Mcfd @ 15.025		Angle of Slope @
							Slope, n 85
Remarks: Produced heavy mist of water throughout test. Vented 59 MCF.							
Approved By Commission:		Conducted By:		Calculated By:		Checked By:	
		Fred S. Hamrick		B.J. Broughton		B.B.B.	