

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 8-23-74	
Company Northwest Pipeline Corporation				Connection Northwest Pipeline			
Pool Blanco				Formation Mesa Verde			
Completion Date 8-14-74		Total Depth 5723'		Plug Back TD 5695'		Elevation 6742'	
Casing Size 4-1/2"		Wt. 10.5#		d 4.052		Set At 5721	
Perforations: From 5142' To 5690'		Perforations: From To		Well No. #9 (OWNO)		Unit San Juan 29-6 Unit	
Teg. Size 2-3/8"		Wt. 4.7#		d 1.995		Set At 5652	
Type Well - Single - Broadhead - G.C. or G.O. Multiple Single				Packer Set At None		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F 12		State New Mexico	
L		H		Gg		Prover	
				.692		.750 choke	
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.
1.	.750 choke						787
2.							207
3.							81°
4.							607
5.							
RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor Fpv	Rate of Flow Q, Mcfd
1.	12.365		219	.9804	.9312	1.021	2524
2.							
3.							
4.							
5.							
NO.	P _t	Temp. °R	T _t	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		
NO.	P _t ²	P _w ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{644,809}{261,648}$		
1.					(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.9669$		
2.					ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4964$		
3.							
4.							
5.							
Absolute Open Flow 4964				Mcf/d @ 15.005		Angle of Slope @ _____	
Slope, n .75							
Remarks: Well blew dry gas throughout test							
Approved By Consultant:		Conducted By: Larry G. Moore		Calculated By: R.E. Fielder		Checked By: <i>[Signature]</i>	