

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 10-4-77	
Company Northwest Pipeline Corp.				Connection New Completion	
Pool Blanco				Formation Pictured Cliffs	
Completion Date 8-29-77		Total Depth 3338		Elevation 6546 GR	
Casing Size 2.875		Set At 3320		Perforations: From 3222 To 3254	
Tubg. Size 6.4		Set At		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 a		Baro. Press. - P _a 12.0	
L		H		Prover Positive Choke	
G _g		% CO ₂		% N ₂	
665					
Meter Run		Taps		County San Juan	
				State New Mexico	

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									755		3 hrs.
1.	2	X	.750	163		68°			163		
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 Q , Mcf/d
1	9.604		175	.992	1.226	1.019	2083
2							
3							
4							
5							

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

NO.	P _i	P _w	R _w	P _i ² - P _w ²	(1) $\frac{P_i^2}{P_i^2 - P_w^2} =$	(2) $\left[\frac{P_i^2 - P_w^2}{P_i^2 - P_w^2} \right]^n =$
1.	767	223	49729	538560	1.0923	1.0780
2.						
3.						
4.						
5.						

Absolute Open Flow 2245 Mcd @ 15.025 Angle of Slope 0 Slope, h_L .85

Remarks: CL L-c-s FeO₂ R² PL² PL²HR² Calculated PW

2143 .144 133697 19253 30625 49878 233

Well produced very small mist of water with trace of condensate.

Approved By: Conducted By: Calculated By: Checked By: