

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 10-11-77	
Company Northwest Pipeline Corp.				Connection New Completion			
Pool Blanco				Formation Pictured Cliffs		Unit Cox Canyon	
Completion Date 9-26-77		Total Depth 3559		Plug Back TD 3548		Elevation 6769 GR	
Csg. Size 2.875		Wt. 6.4		d 2.441		Set At 3557	
Thq. Size None		Wt. None		d None		Set At None	
Perforations: From 3428 To 3478				Well No. Com. #24			
Perforations: From None To None				Unit Sec. Twp. Rge. N 17 32 11			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Tubingless Completion						Packer Set At None	
Producing Thru Casing						State New Mexico	
Reservoir Temp. °F @		Mean Annual Temp. °F @		Baro. Press. - P _a 12.0		County San Juan	
L None		H None		G _g .665		% CO ₂ None	
G _g .665		% CO ₂ None		% N ₂ None		% H ₂ S None	
Prover Positive Choke		Meter Run None		Taps None			

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	8 day SIP									907		SIP
1.	2	X	.750	80		57°				80		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 Fg	Super Compress. Factor Fpv	Rate of Flow Q, Mcfd
1	9.402		92	1.003	1.226	1.009	1073
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	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

P _c 919	P _c ² 826281	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0396$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0336$
NO.	P _t ²	P _w	P _w ²
1		118	13924
2			
3			
4			
5			

Absolute Open Flow 1109 Mcfd @ 15.025				Angle of Slope θ _____ Slope, n .85	
Remarks: Well produced very light mist of water.					
G1	1-e-s	FcQ ²	R ²	Pt ²	Calc. PW
2280	.153	35477	5428	8464	118
Approved By Commission:		Conducted By: Wilfred Charley		Checked By: B.J. Broughton	