

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

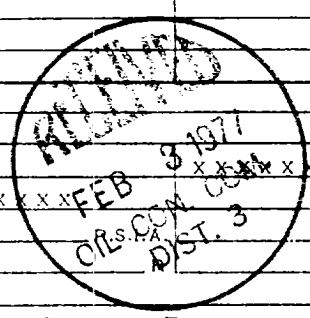
Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 1/31/77	
Company Northwest Pipeline Corporation				Connection New Completion	
Pool Blanco				Formation Mesa Verde	
Completion Date 1/22/77		Total Depth 5857		Plug Back TD 5821	
				Elevation 6487 Gr.	
Csg. Size 7.000 4.500		Wt. 20# 11.6#		Set At 3753 3584-5854	
Perforations: From 5398 To 5732				Well No. #57	
Tbg. Size 2.375		Wt. 4.7		Set At 5718	
Perforations: From To				Unit Sec. Twp. Rge. A 28 30 5	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single				Packer Set At None	
Producing Thru Tubing				County Rio Arriba	
Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
State New Mexico					
L	H	Gg .595	% CO ₂	% N ₂	% H ₂ S
				Prover positive choke	
				Meter Run	
				Taps	

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	of Flow
SI							1162		1158		SIP
1.	2	X	.750	223		65°	223		602		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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	9.604		235	.995	1.296	1.020	2,969
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcfd/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deq.
2.					Specific Gravity Separator Gas	X X X X X X X X
3.					Specific Gravity Flowing Fluid	X X X X X X X X
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R



P _c 1174	P _c ² 1378276	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3765$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2708$
NO.	P _t ²	P _w	P _w ²
1		614	376996
2			
3			
4			
5			

Absolute Open Flow 3,772 Mcfd @ 15.025		Angle of Slope θ	Slope, n .75
Remarks:			
Approved By Commission:	Conducted By: Fred Hamrick	Calculated By: B. Broughton	Checked By: