

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FORM

Form C-122
Revised 9-1-66

RECEIVED

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date NOV 22 1985	
Company Northwest Pipeline Corporation		Connection New Completion	
Pool Blanco		Formation Mesa Verde	
Completion Date 10-15-85		Total Depth 6119'	
Csg. Size 4.500		Plug Back TD 6100'	
Wt. 10.5		Elevation 6646' KB	
Id 4.052		Perforations: From 5574' To 6054'	
Set At 6119'		Perforations: From To	
Thq. Size 2.375		Set At 5914'	
Wt. 4.7		Id 1.995	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Dual		Packer Set At 3690'	
Producing Thru Tubing		Reservoir Temp. °F Mean Annual Temp. °F	
Baro. Press. - P _a 12.0		County San Juan	
L H Gg Est. .600 % CO ₂ % N ₂ % H ₂ S		State New Mexico	
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	
1.	SIP						1122				
2.	2" X .750"					58°	180	58°			3 Hrs.
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.	9.604		192	1.002	1.291	1.016	2423
2.							
3.							
4.							
5.							

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

P _c 1134 P _c ² 1285956		(1) $\frac{P_c^2}{P_c^2 - R_w^2} = 1.1365$		(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.1007$	
NO.	P _t ²	P _w	P _w ²	P _c ² - R _w ²	
1		393	154449	1131507	
2		(Calc.)			
3					
4					
5					

Absolute Open Flow 2667 Mcfd @ 15.025		Angle of Slope θ		Slope, n .75	
Remarks: Produced light mist throughout test. Vented 303 MCF					
G _l	i-e-s	FcQ ²	R ²	Pt ²	R ² + Pt ²
3548	.227	518976	117808	36864	154672
Approved By Commission:		Conducted By: George Bryan		Calculated By: S.K. Liese	
				Checked By: M.J. Turabaugh	

skt