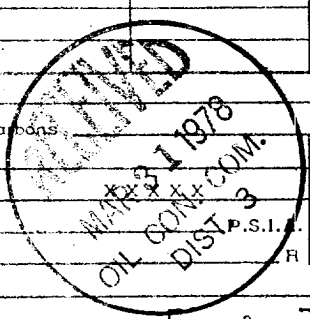


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 3/17/78	
Company Northwest Pipeline Corp.				Connection New Completion			
Pool Blanco				Formation Mesa Verde		Unit San Juan 29-6	
Completion Date 3/6/78		Total Depth 5988		Plug Back TD 5950		Elevation 6671 GR	
Casing Size 7.000		Wt. 20.0#		Set At 3889		Perforations: From 5388 To 5900	
Thg. Size 4.500		Wt. 11.6#		Set At 3690-5985		Well No. #3A	
Thg. Size 2.375		Wt. 4.7		Set At 1.995		Perforations: From To	
						Unit Sec. Twp. Rge. D 25 29 6	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single						Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F @		Baro. Press. - P _a 12.0	
L H		Gg .690		% CO ₂ % N ₂ % H ₂ S		County Rio Arriba	
						State New Mexico	
						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.
1.	2	x	.750	218		63°	940
2.							218
3.							920
4.							679
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		230	.997	1.204	1.024	2715
2.							
3.							
4.							
5.							
NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.		
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.		
2.					Specific Gravity Separator Gas _____ XXXXXXXXXX		
3.					Specific Gravity Flowing Fluid _____		
4.					Critical Pressure _____ P.S.I.A.		
5.					Critical Temperature _____ R		
							
$P_c = 952$ $P_c^2 = 906304$							
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.1135$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.7529$		
1.		691	477481	428823			
2.							
3.							
4.							
5.							
$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$							
Absolute Open Flow 4759 Mcfd @ 15.025				Angle of Slope θ _____ Slope, n .75			
Remarks: Well produced medium mist of water with a trace of condensate.							
Approved By Commission:		Conducted By: Wilford Charley		Calculated By: B.J. Broughton		Checked By:	