

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 9-26-77	
Company Aztec Oil & Gas Company				Connection Northwest Pipeline Corp.	
Well Blanco				Formation Mesa Verde	
Completion Date 9-14-77		Total Depth 6327'		Plug Back TD 6305'	
Elevation 6828'		Farm or Lease Name Reese, Mesa			
Gg. 7.000 Wt. 20# 4.500 10.5#		Set At 3992' 3845-6331'		Perforations: From 5707' To 5997'	
Well No. #1A					
Tbg. Size 1.900		Wt. 2.9#		Set At 6173	
Perforations: From 6063' To 6198'		Unit Sec. Twp. Rge. 0 12-T32N-R8W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At ---	
Producing thru Tbg.		Reservoir Temp. °F 9		Mean Annual Temp. °F 12.2	
County San Juan		State New Mexico			
L		H		Gg. .700	
% CO ₂		% N ₂		% H ₂ S	
Prover		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.	2"	X	3/4"				955		1271		
2.							160		962		1 hr
3.							141		852		2 hrs
4.							126		744		3 hrs
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	12.365		138.2	1.0000	.9258	1.0000	1,582
2							
3							
4							
5							

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

P _c 1,283.2 P _c ² 1,646,602		(1) $\frac{P_c^2}{P_e^2 - P_w^2} = 1.5320$		(2) $\left[\frac{P_c^2}{P_e^2 - P_w^2} \right]^n = 1.3771$	
NO.	P _e ²	P _w	P _w ²	P _e ² - P _w ²	
1		756.2	571,831	1,074,771	
2					
3					
4					
5					

Absolute Spec. Flow 2,179		Mcfd @ 15.025		Angle of Slope θ		Slope, n .75	
Remarks:							
Approved by Consultant		Conducted by Klee Terry		Calculated by James Smith		Checked by	