

Form C-122
Revised 9-1-65

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		5-24-73		
Company				Connection								
Aztec Oil & Gas Company				Southern Union Gathering								
Pool				Formation				Unit				
Blanco				Mesaverde								
Completion Date		Total Depth		Plug Back TD		Elevation		Farm or Lease Name				
5-13-73		5512'		5512'		6408 GR		Waller				
Csg. Size	Wt.	d	Set At	Perforations:		Well No.						
4 1/2"	10.50#		5512'	From 4980' To 5488'		#1						
Tbg. Size	Wt.	d	Set At	Perforations:		Unit		Sec.		Twp.		
1 1/2"	2.90#		5365'	From ---- To ----		M		11		32N 11W		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple						Packer Set At		County				
Single						----		San Juan				
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a		State				
Tubing		@						New Mexico				
L	H	G _g	% 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		
SI							453		453		7	
1.	2"		3/4"				89		407		3 hours	
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 F _g	Super Compress. Factor, F _{spv}	Rate of Flow Q, Mcfd					
1	12.365		89	1.0000	.9258	1.0000	1018					
2.												
3.												
4.												
5.												
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____							
1					A.P.I. Gravity of Liquid Hydrocarbons _____							
2.					Specific Gravity Separator Gas _____							
3.					Specific Gravity Flowing Fluid _____							
4.					Critical Pressure _____ P.S.I.A.							
5.					Critical Temperature _____ R							
P _c 465 P _c ² 216,225					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4918$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3498$							
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1374$							
1		267	71,289	144,936								
2												
3												
4												
Absolute Open Flow 1374					Mcfd @ 15.025					Angle of Slope @ _____		Slope, n _____
Remarks: _____												
Approved By Commission:			Conducted By:			Calculated By:			Checked By:			
						Joe C. Armer						