

**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 9-20-75			
Company Aztec Oil & Gas Company				Connection Southern Union Gathering			
Pool Blanco				Formation Mesaverde		Unit	
Completion Date 9-9-75		Total Depth 5150'		Plug Back TD 5110'		Elevation 5970 GR	
Farm or Lease Name Pierce							
Csq. Size 4 1/2"	Wt. 23#	d	Set At 2900	Perforations: From 4352 To 4442		Well No. #1-A	
Tbg. Size 1 1/2"	Wt. 2.90#	d	Set At 4858	Perforations: From 4910 To 4990		Unit Sec. Twp. Rge. 0 30 31N 10W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a	
State New Mexico							
L	H	G _q	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run Taps

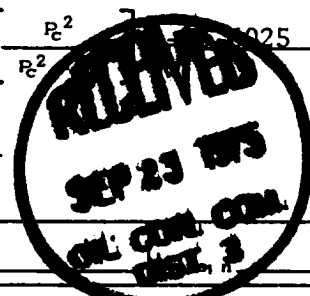
FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	2"		3/4"				834		834		7.2
1.							178		708		3 Hours
2.											
3.											
4.											
5.											

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 _{pv}	Rate of Flow Q, Mcfd
1	12,365		178	1.0000	.9258	1.0000	2,038
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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 _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 834	P _c ² 695,556	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.5799$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 7,342$
NO	P _t ²	P _w	P _w ²
1		708	501,264
2			
3			
4			
5			

Absolute Open Flow 7,342 Mcfd @ 15.025		Angle of Slope @ _____
Remarks: _____		
Approved By Commission:	Conducted By:	Calculated By: <i>[Signature]</i>
		Checked By:



CHARTER

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