

**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 4-15-68	
Company Aztec Oil and Gas		Connection Southern Union Gathering	
Pool Basin		Formation Dakota	
Completion Date 4-1-68		Total Depth 7180	Plug Back TD 7158
		Elevation 5880 GL	Farm or Lease Name Pierce
Csg. Size 3 1/2	Wt. 7.7	Set At 7179	Perforations: From 6898 To 7070
Tbg. Size 1 1/2	Wt. 2.75	Set At 7036	Perforations: From open ended To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Multiple		Packer Set At 6880	Well No. 2
Producing Thru tubing	Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. - P _a
State New Mexico		County San Juan	
L	H	G _a	% 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.	
SI	2		3/4"				1481			
1.							6	60(est.)		
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		18	1.000	.9258	1.005	208
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 _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 1492	P _c ² 2,226,064	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.001$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.007$
NO.	P _t ²	P _w	P _w ²
1			
2			
3			
4			
5			

Absolute Open Flow		209	Mcf/d @ 15.025	Angle of Slope @ _____
Remarks: _____				
Approved By Commission:		Conducted By:	Calculated By: <i>Mac E. Johnson</i>	Checked By:

