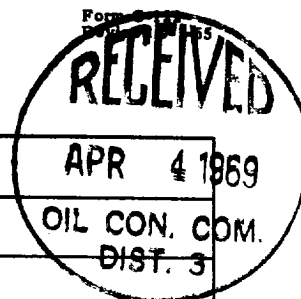


**NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 4-1-69	
Company Aztec Oil and Gas				Connection Southern Union Gas	
Pool Aztec				Formation Pictured Cliffs	
Completion Date 3-23-69		Total Depth 2500		Plug Back TD 2492	
Csg. Size 4-1/2		Wt. 9.5		Elevation 5944 Gr	
Thq. Size 1		Wt. 1.7		Set At 2394	
Perforations: From 2392 To 2408		Perforations: From open ended To		Farm or Lease Name Grenier B	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single				Packer Set At	
Producing Thru casing		Reservoir Temp. °F @		Mean Annual Temp. °F	
L		H		Baro. Press. - P _g	
G _g		% CO ₂		% N ₂	
Prover		Meter Run		Taps	
State New Mexico					
County San Juan					

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				480		579		
1.							354		33		3 hr
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		45	1.000	.9258	1.004	517
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 _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _t ²	P _w ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0062$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0052$
1	2025	46	2145	347136		
2						
3						
4						
5						

Absolute Open Flow _____ 520 _____ Mcfd @ 15.025				Angle of Slope @ _____		Slope, n _____	
Remarks: _____							
Approved By Commission: _____ Conducted By: _____ Calculated By: <i>[Signature]</i> Checked By: _____							