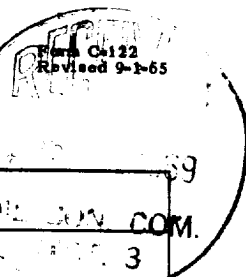


**NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 3-20-69			
Company Aztec Oil and Gas				Connection El Paso Natural Gas			
Pool Ballard				Formation Pictured Cliffs		Unit	
Completion Date 3-12-69		Total Depth 2310		Plug Back TD 2288		Elevation 6461 Gr	
Csg. Size 4-1/2		Wt. 10.5		Set At 2288		Perforations: From 2320 To 2238	
Tbg. Size 1		Wt. 1.7		Set At 2226		Perforations: From open ended To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single				Packer Set At		Farm or Lease Name State 575	
Producing Thru casing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a	
L		H		Gg		County San Juan	
				% CO ₂		State New Mexico	
				% N ₂		Prover	
				% H ₂ S		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		3/4				338		545	
2.							49		28	
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1.	12.365		61	1.000	.9258	1.009	704
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	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.
5.					Critical Temperature _____ R

NO.	P _c	P _w	P _r ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0136$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0114$
1.	557	310.240	3721	4175		
2.						
3.						
4.						
5.						

Absolute Open Flow 712 Mcfd @ 15.025				Angle of Slope @ _____		Slope, n _____	
Remarks: _____							
Approved By Commission:		Conducted By:		Calculated By:		Checked By:	