

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



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 4-2-69	
Company Aztec Oil and Gas				Connection Southern Union Gas	
Pool Aztec				Formation Pictured Cliffs	
Completion Date 3-23-69		Total Depth 2404		Plug Back TD 2372	
Cag. Size 4-1/2		Wt. 9.5		Elevation 5829 Gr	
Tbg. Size 1		Wt. 1.7		Farm or Lease Name Grenier "B"	
Set At 2372		Perforations: From 2246 To 2269		Well No. 8	
Set At 2247		Perforations: From open ended To		Unit Sec. Twp. Rge. P 5 29N 10W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single				Packer Set At	
Producing Thru casing		Reservoir Temp. °F @		Baro. Press. - P _g	
L		H		State New Mexico	
G _g		% CO ₂		% N ₂	
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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	2		3/4				557		619		
1.							80		72		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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		84	1.000	.9258	1.009	971
2.							
3.							
4.							
5.							

NO.	P _t	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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 631	P _c ² 398,161					
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0283$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0239$
1	7056	105	10976	387185		
2						
3						
4						
5						

Absolute Open Flow 994 Mcfd @ 15.025				Angle of Slope @ _____		Slope, n _____	
Remarks: _____							
Approved By Commission: _____ Conducted By: _____ Calculated By: <i>E. C. Salazar</i> Checked By: _____							