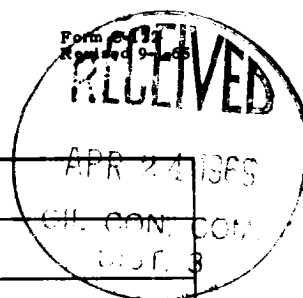


**NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**



Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 4-17-69	
Company Aztec Oil and Gas				Connection Southern Union Gathering			
Pool Aztec				Formation Pictured Cliff		Unit	
Completion Date 4-10-69		Total Depth 2715		Plug Back TD 2715		Elevation 5923 Gr	
Farm or Lease Name Pierce				Well No. # 6			
Csq. Size 4 1/2	Wt. 9.5	d 4.09	Set At 2715	Perforations: From 2600 To 2624		Unit Sec. Twp. Rge. H 30 31N 10W	
Tbg. Size 1	Wt. 1.7	d 1.049	Set At 2583	Perforations: From open ended To		County San Juan	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single				Packer Set At		State New Mexico	
Producing Thru		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a	
L	H	Gg	% 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				852		852		
1.							207		191		3 hr
2.											
3.											
4.											
5.											

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		203	1.000	.9258	1.025	2382
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 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 864	P _c ² 746496	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0628$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0531$	
NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²
1	41209	210	44124	702372
2				
3				
4				
5				

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2508$

Absolute Open Flow **2508** Mcfd @ 15.025 Angle of Slope θ _____ Slope, n _____

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By: <i>[Signature]</i>	Checked By:
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