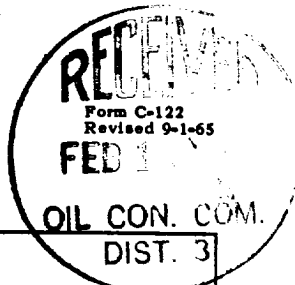


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 2-5-69	
Company Aztec Oil and Gas		Connection Southern Union Gathering	
Pool Blanco		Formation Mesaverde	
Completion Date 1-28-69		Total Depth 5080	Plug Back TD 5046
Elevation 5924		Farm or Lease Name Pierce	
Csg. Size 3 1/2	Wt. d	Set At 5079	Perforations: From 4864 To 4942
Thq. Size 1 1/2	Wt. d	Set At 4884	Perforations: From open ended To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single		Packer Set At	
Producing Thru tubing		Reservoir Temp. °F 8	Mean Annual Temp. °F
Baro. Press. - P _a		State New Mexico	
L	H	G _g	% CO ₂
		% N ₂	% H ₂ S
Prover		Meter Run	Taps
FLOW DATA			
NO.	Prover Line Size	X	Orifice Size
	Press. p.s.i.g.	Diff. h _w	Temp. °F
SI	2	3/4	
1.			
2.			
3.			
4.			
5.			
TUBING DATA			
	Press. p.s.i.g.	Temp. °F	
	768		
	170		
CASING DATA			
	Press. p.s.i.g.	Temp. °F	
	767		
	722		
Duration of Flow 3 hr			
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		182
2.			1.000
3.			.9258
4.			1.020
5.			2125
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 _____	
3.		Specific Gravity Flowing Fluid _____	
4.		Critical Pressure _____ P.S.I.A.	
5.		Critical Temperature _____ R	
P _c 780 P _c ² 608,400			
NO.	P _i ²	P _w	P _w ²
	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.8110$	
1	33124	522	272460
2			
3			
4			
5			
(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.5545$			
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3303$			
Absolute Open Flow 3303 Mcfd @ 15.025			
Angle of Slope @ _____ Slope, n _____			
Remarks:			
Approved By Commission: _____			
Conducted By: _____			
Calculated By: _____			
Checked By: _____			