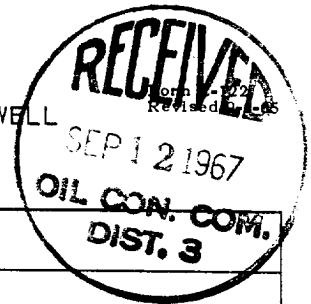


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 9/4/67			
Company Aztec Oil and Gas				Connection Southern Union Gathering				
Pool Basin				Formation Dakota				Unit
Completion Date 8/18/67		Total Depth 7585		Plug Back TD 7200		Elevation 6277 DF		Farm or Lease Name Chamberlin
Csg. Size 3 1/2"	Wt. 7.7#	d	Set At 7581	Perforations: From 7200 To 7502		Well No. 1		
Tbg. Size 1 1/2"	Wt. 2.75	d	Set At 7300	Perforations: From open ended To		Unit Sec. Twp. Rge. H 14 32N 12W		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual					Packer Set At 7300		County W San Juan	
Producing Thru tubing		Reservoir Temp. *F @		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						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.	
SI	2		3/4"				2061		563	
1.							36	60(est)	478	60(est)
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		48	1.000	.9258	1.004	552
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 _____ 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 2073	P _c ² 4,235,139					
NO.	P _t ²	P _w	R _w ²	P _c ² - R _w ²	(1) $\frac{P_c^2}{P_c^2 - R_w^2} = 1.0066$	(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.0049$
1	2304	167	27,896	4,207,243		
2						
3						
4						
5						

Absolute Open Flow 555 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: _____			
Approved By Commission	Conducted By: _____	Checked By: _____	Checked By: _____