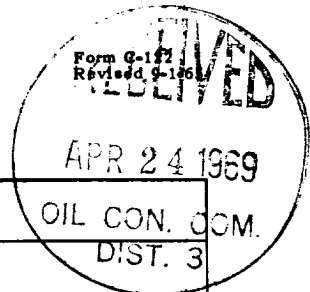


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 4-14-69	
Company Aztec Oil and Gas			Connection Southern Union Gathering		
Pool Aztec Undis.			Formation Pictured Cliffs		Unit
Completion Date 4-5-69		Total Depth 2720	Plug Back TD 2720	Elevation 5954 Gr	Farm or Lease Name Pierce
Csg. Size 4 1/2	Wt. 9.5	d	Set At 2720	Perforations: From 2625 To 2659	Well No. 3
Tbg. Size 1	Wt.	d	Set At 2625	Perforations: From open ended To	Unit Sec. Twp. Rge. 0 30 31N 10W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single				Packer Set At	County San Juan
Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. - P _g		State New Mexico
L	H	G _g	% CO ₂	% N ₂	% H ₂ S

NO.	FLOW DATA			TUBING DATA		CASING DATA		Duration of Flow
	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	
SI	2		3/4				889	889
1.							357	337
2.								
3.								
4.								
5.								

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		349	1.000	.9258	1.037	4143
2.							
3.							
4.							
5.							

NO.	P _f	Temp. °R	T _f	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 901	P _c ² 811,801	(1) $\frac{P_c^2}{P_c^2 - R_w^2} = 1.1780$	(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.1491$	
NO	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1	121801		122693	689108
2				
3				
4				
5				

AOF = Q $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 6177$

Absolute Open Flow 6177 Mcfd @ 15.025 Angle of Slope \ominus _____ Slope, n _____

Remarks: _____

Approved By Commission: _____ Conducted By: _____ Calculated By: *J. C. Anderson* Checked By: _____