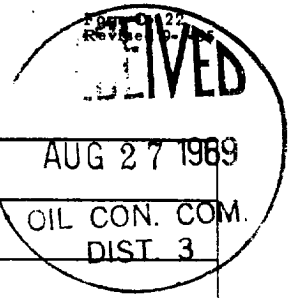


**NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 8-19-69		AUG 27 1969 OIL CON. COM. DIST 3	
Company <i>Aztec Oil & Gas Company</i>				Connection <i>Southern Union Gathering</i>			
Pool <i>Basin</i>				Formation <i>Dakota</i>			
Completion Date 8-12-69		Total Depth 7490		Plug Back TD 7490		Elevation 6254 Gr	
Farm or Lease Name <i>Patterson A Corn</i>							
Csg. Size 4 1/2	Wt. 9.5	d 4.090	Set At 7490	Perforations: From 7295 To 7427		Well No. #1	
Reg. Size 1 1/2	Wt. 2.75	d 1.610	Set At 7260	Perforations: From <i>opened</i> To		Unit Sec. Twp. Rge. 0 2 31 12	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple <i>GG Dual</i>				Packer Set At 7260		County <i>San Juan</i>	
Producing Thru		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a <i>New Mexico</i>	
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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							1575				7 day
1.	2 x 3/4						298				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		310	1.000	.9636	1.000	3694
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

NO.	P _c 1587	P _c ² 2518569	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.9577$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.6550$
1	96100	1110	1232100	1286469			
2.							
3.							
4.							
5.							

Absolute Open Flow <u>6114</u> Mcfd @ 15.025				Angle of Slope @ _____		Slope, n _____	
Remarks: _____							
Approved By Commission:		Conducted By:		Calculated By:		Checked By:	