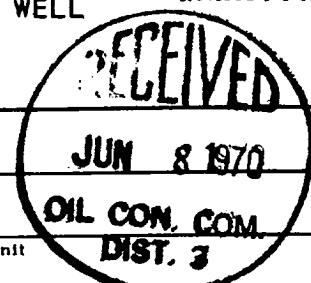


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 5-27-70	
Company Aztec Oil & Gas Company			Connection Southern Union Gathering			
Pool Blanco			Formation Pictured Cliffs			
Completion Date 5-20-70		Total Depth 2546	Plug Back TD 2546	Elevation 5767 Gr	Farm or Lease Name Ruple	
Csg. Size 4 1/2"	Wt. 4.9	d 4.090	Set At 2545	Perforations: From 2434 To 2460		Well No. #2
Thq. Size 1.315	Wt. 1.7	d 1.049	Set At 2427	Perforations: From ----- To -----		Unit Sec. Twp. Rge. 0 24 31 11
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At -----		County San Juan
Producing Thru Casing		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	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.	
1.	2		3/4				733		733	
2.							198		180	
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		192	1.0000	.9258	1.0000	2198
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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 745	P _c ² 555,025				(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0863$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0729$
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²		
1		210	44,100	510,925		
2						
3						
4						
5						

Absolute Open Flow 2579 Mcfd @ 15.025		Angle of Slope @ _____	Slope, n _____
Remarks: _____			
Approved By Commission:	Conducted By:	Calculated By: <i>Joe C. Sumner</i>	Checked By: