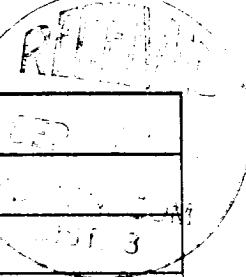


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 8-25-69	
Company Aztec Oil & Gas Company				Connection Southern Union Gathering	
Pool Pictured Cliffs				Unit #2	
Completion Date 8-18-69		Total Depth 2574		Elevation 5721 Gr	
Csg. Size 4.5		Set At 2489		Perforations: From 2416 To 2402	
Teg. Size 1.315		Set At 2373		Perforations: From Opened To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At	
Producing Thru		Reservoir Temp. °F		Baro. Press. - P _a	
L		H		New Mexico	
Gg		% CO 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	
1.	2		3/4				759		759		
2.							148		134		
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		146	1,000	.9258	1,000	1671
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 _____ 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 _t	P _w	P _c	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.1550$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.1415$ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.578$
1		160	25600	568841	
2.					
3.					
4.					

Absolute Open Flow <u>3528</u> Mcfd @ 15.025		Angle of Slope Θ _____	Slope, n _____
Remarks: _____			
Approved By Commission:	Conducted By:	Calculated By:	Checked By: