

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 5-9-69	
Company Aztec Oil and Gas			Connection Southern Union Gas		
Pool Pictured Cliffs			Unit Cain B		
Completion Date 5-2-69		Total Depth 2900		Elevation 6004 Gr	
Csg. Size 4 1/2		Set At 2900		Perforations: From 2715 To 2256	
Tbg. Size 1.315		Set At 2709		Perforations: From open ended To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single				Packer Set At	
Producing Thru L		Reservoir Temp. °F #		Mean Annual Temp. °F	
Baro. Press. - P _a		State New Mexico			
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				884		884	
2							137		127	
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		139	1.000	.9258	1.014	1613
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 _____ XXXXXXXXXX
3					Specific Gravity Flowing Fluid _____ XXXXX
4					Critical Pressure _____ P.S.I.A.
5					Critical Temperature _____ R

P _c 896	P _c ² 802816	(1) $\frac{P_c^2}{P_c^2 - R_w^2} = 1.0265$	(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.0216$
NO.	P _t ²	P _w	R _w ²
1	19321		20717
2			
3			
4			
5			

Absolute Open Flow _____ 1648 _____ Mcfd @ 15.025		Angle of Slope @ _____	
Remarks: _____			
Approved By Commission:	Conducted By:	Calculated By:	Checked By:

