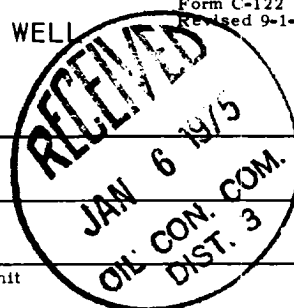


**NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 12-31-74	
Company Aztec Oil & Gas Company			Connection Southern Union Gas Company		
Pool Tapacitos			Formation Pictured Cliffs		Unit
Completion Date 12-17-74		Total Depth 3670'		Plug Back TD 3670'	Elevation 6982 GR
Csg. Size 4 1/2"	Wt. 10.50#	d	Set At 3670'	Perforations: From 3574' To 3614'	
Tbg. Size 1 1/4"	Wt. 2.40#	d	Set At 3589'	Perforations: From ---- To ----	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At ----	
Producing Thru Tubing		Reservoir Temp. °F @		Baro. Press. - P _g	
L		H	G _g	% CO ₂	% N ₂
				% H ₂ S	Prover
					Meter Run
					Taps
Farm or Lease Name Arizona Jicarilla "B"			Well No. #6		
Unit J			Sec. 9	Twp. 26N	Rge. 5W
County Rio Arriba			State New Mexico		

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.	Temp. °F	
SI							907		907		
1.	2"		3/4"				136		583		3 Hrs.
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		136	1.0000	.9258	1.0000	1,557
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 _____ 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 907	P _c ² 822,649	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0732$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0618$
NO.	P _t ²	P _w	P _w ²
1		237	56,169
2			
3			
4			
5			

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1,653$

Absolute Open Flow <u>1,653</u> Mcfd @ 15.025	Angle of Slope θ _____	Slope, n _____
---	-------------------------------	----------------

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By: <i>Joe E. McNamee</i>	Checked By:
-------------------------	---------------	--------------------------------------	-------------