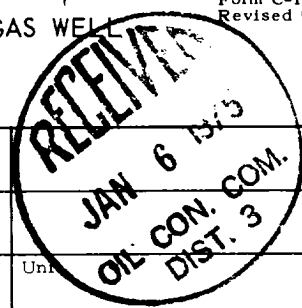


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

Form C-122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 12-30-74	
Company Aztec Oil & Gas Company				Connection Southern Union Gas Company			
Pool Tapacitos				Formation Pictured Cliffs			
Completion Date 12-19-74		Total Depth 3290'		Plug Back TD 3290'		Elevation 6521 GR	
Farm or Lease Name Arizona Jicarilla "B"						Well No. #7	
Csq. Size 4 1/2"	Wt. 10.50#	d 3290'	Set At 3290'	Perforations: From 3212' To 3226		Unit Sec. Twp. Rge. E 4 26N 5W	
Thq. Size 1 1/4"	Wt. 2.33#	d 3197'	Set At 3197'	Perforations: From ---- To ----		County Rio Arriba State New Mexico	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At ----		Meter Run Taps	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	

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							842		843		
1.	2"		3/4"				112		403		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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		124	1.0000	.9258	1.0000	1,419
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 855	P _c ² 731,025	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0780$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0659$
NO.	P _t ²	P _w	P _w ²
1		230	52,900
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1,512$	
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Absolute Open Flow	1,512	Mcf/d @ 15.025	Angle of Slope @ _____	Slope, n _____
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Remarks: _____			
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Approved By Commission:	Conducted By:	Calculated By:	Checked By:
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