

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

Form C-122
Revised 9-1-65

RECEIVED

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**OIL CON COM
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Type Test ☒ Initial ☐ Annual ☐ Special				Test Date			
Company <i>Aztec Oil and Gas</i>				Connection <i>Southern Union Gathering</i>			
Pool <i>Blanco</i>				Formation <i>Mesaverde</i>		Unit	
Completion Date <i>5-31-69</i>		Total Depth <i>7200</i>		Plug Back TD <i>7200</i>		Elevation <i>6055 Gr</i>	
Farm or Lease Name <i>Decker</i>				Well No.			
Csg. Size <i>7-5/8-4 1/2</i>	Wt. <i>26.4-10.5</i>	d <i>1.61</i>	Set At <i>4660-7200</i>	Perforations: From <i>4868</i> To <i>4760</i>		Well No. <i>4</i>	
Tub. Size <i>1 1/2"</i>	Wt. <i>2.9#</i>	d <i>1.61</i>	Set At <i>4777</i>	Perforations: From <i>4777</i> To <i>open ended</i>		Unit Sec. Twp. Rge. <i>M 10 32 12</i>	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple <i>GG Dual</i>				Packer Set At <i>6614</i>		County <i>San Juan</i>	
Producing Thru		Reservoir Temp. °F <i>@</i>		Mean Annual Temp. °F		State <i>New Mexico</i>	
L	H	Gg	% 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.	Temp. °F	
SI	<i>2</i>		<i>3/4</i>				<i>857</i>		<i>857</i>		
1.							<i>182</i>		<i>728</i>		
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	<i>12.365</i>		<i>194</i>	<i>1.000</i>	<i>.9258</i>	<i>1.020</i>	<i>2265</i>
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	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 _____ P.

P _c <i>869</i>	P _c ² <i>755161</i>			(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.8068}{}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.5583}{}$
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1	<i>37636</i>		<i>337220</i>	<i>417941</i>	
2					
3					
4					
5					

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{3530}{}$			
Absolute Open Flow <i>3530</i> Mcfd @ 15.025		Angle of Slope Θ _____	
Slope, n _____			
Remarks: _____			
Approved By Commission: _____ Conducted By: _____ Calculated By: <i>[Signature]</i> Checked By: _____			