

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 4-17-77	
Company Aztec Oil & Gas Company			Connection Southern Union Gathering		
Pool Blanco			Formation Mesa Verde		Unit
Completion Date 4-16-77		Total Depth 5341'	Plug Back TD 5321'		Elevation 6125' KB
Farm or Lease Name Grenier					
Csg. Size 7.000 4.500	Wt. 20.00 10.50	Set At 2989' 2886-5340'	Perforations: From 4970' To 5224'		Well No. #6-A
Tbg. Size 2.375	Wt. 4.70	Set At 5224'	Perforations: From To		Unit Sec. Twp. Rge. D 20 31N 11W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single			Packer Set At ---		County San Juan
Producing Thru Tbg.		Reservoir Temp. °F @	Mean Annual Temp. °F		State New Mexico
L	H	Gg	% CO ₂	% N ₂	% H ₂ S
Prover		Meter Run		Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow hrs
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.							992		945	
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.							
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 <td>Deg.</td>	Deg.
2.					Specific Gravity Separator Gas <td>XXXXXXX</td>	XXXXXXX
3.					Specific Gravity Flowing Fluid <td>XXXXXXX</td>	XXXXXXX
4.					Critical Pressure <td>P.S.I.A.</td>	P.S.I.A.
5.					Critical Temperature <td>R</td>	R

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1.						
2.						
3.						
4.						
5.						

Absolute Open Flow _____ Mcfd @ 15.025				Angle of Slope θ _____	Slope, n _____
Remarks: Pitot Test - '15# on 2-1/2" line = 3599 Mcf/d					
FTP 74, FCP 637, SITP 992, SICP 945					
Approved By Commission:		Conducted By: James Smith		Calculated By:	Checked By: