

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 6-22-70	
Company Aztec Oil & Gas Company		Connection Southern Union Gathering	
Pool Blanco		Formation Mesaverde	
Completion Date 6-15-70		Total Depth 5319	Plug Back TD 5290
Elevation 6139 Gr		Farm or Lease Name Vanderslice	
Csg. Size 3 1/2"	Wt. 7.70#	Set At 5309	Perforations: From 4766 To 5240
Tbg. Size 1 1/2"	Wt. 2.90#	Set At 5193	Perforations: From ---- To ----
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At ----	Well No. #1
Producing Thru Tubing	Reservoir Temp. °F #	Mean Annual Temp. °F #	Baro. Press. - P _a #
L	H	G _g	% 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.	
1.	2		3/4				864		869	
2.							109		758	
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		109	1.0000	.9258	1.000	1248
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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 876	P _c ² 767,376					
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 4.3982$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.0371$
1.		770	592,900	174,476		
2.						
3.						
4.						
5.						

Absolute Open Flow 2542 Mcfd @ 15.025		Angle of Slope @ _____
Remarks: _____		
Approved By Commission:	Conducted By: <i>[Signature]</i>	Checked By: <i>[Signature]</i>

RECEIVED
 JUL 6 1970
 OIL CON. COM.
 DIST. 3