

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 10-23-72	
Company Aztec Oil & Gas Company			Connection Southern Union Gathering		
Well Blanco			Formation Mesaverde		
Completion Date 10-6-72		Total Depth 5531		Plug Back TD 5454	
				Elevation 6334 GR	
Farm or Lease Name Vanderslice					
Well No. #2-Y					
Gr. Size 3-1/2"	Wt. 14#	Gr. Size 3-1/2"	Wt. 14#	Set At 4720	Perforations: From 5368 To 5430
Gr. Size 1-1/2"	Wt. 1.90#	Gr. Size 1-1/2"	Wt. 1.90#	Set At 5390	Perforations: From To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At -----	
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F	
				Baro. Press. - P _a	
L		H		Prover	
		G _g		Meter Run	
		% CO ₂		Taps	
		% N ₂			
		% H ₂ S			

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
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	
2"		3/4				875		875		7 days
						61		370		3 hrs

RATE OF FLOW CALCULATIONS

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
12.365		73	1.0000	.9258	1.000	836

R _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcft/bbl.
				A.P.I. Gravity of Liquid Hydrocarbons	Deg.
				Specific Gravity Separator Gas	XXXXXXX
				Specific Gravity Flowing Fluid	XXXXXXX
				Critical Pressure	P.S.I.A.
				Critical Temperature	R

$$\frac{887}{P_t^2} \frac{P_c^2}{P_w^2} = \frac{786,769}{145,924} = 5.4$$

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.2277$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1663$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 975$$

Absolute Open Flow 975 Mcfd @ 15.025 Angle of Slope @ 75 Slope, 75
 Remarks: _____

Approved By Commission:	Conducted By:	Calculated By: <i>[Signature]</i>	Checked By:
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