

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 8-25-73	
Company Aztec Oil & Gas Company				Connection	
Pool Blanco				Formation Mesaverde	
Completion Date 8-13-73		Total Depth 8707'		Plug Back TD 8707'	
		Elevation 7048 GR		Farm or Lease Name Reese Mesa	
Casing Size 4 1/2"		20# & 23# 11.60#		Set At 6529' 8707'	
Perforations: From 6042 To 6320				Well No. #4	
20# & 23# 4.70# 2.90#		Set At 8500' 6191'		Perforations: From ---- To ----	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Multiple				Packer Set At 8500	
Producing Thru Casing				Reservoir Temp. °F @	
Mean Annual Temp. °F				Baro. Press. - P _g	
State New Mexico				County San Juan	
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.	
SI							1092		1092	
1.	2"		3/4				78		132	
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 F _g	Super. Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12,365		78	1.0000	.9258	1.0000	896
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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

NO.	P _t ²	P _w	P _w ²	P _e ² - P _w ²	(1) $\frac{P_e^2}{P_e^2 - P_w^2} = 1.0148$	(2) $\left[\frac{P_e^2}{P_e^2 - P_w^2} \right]^n = 1.0109$
1		132	17,424	1,175,040		
2						
3						
4						
5						

Absolute Open Flow 906 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n _____

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By: <i>Joe C. Simon</i>	Checked By:
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