

Form C-122
Revised 9-1-65

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		10-10-78		Tract 257 000154											
Company				Connection				Formation				Unit											
Malheur Oil Co.				CHA CRA								Jicarilla Apache											
Pool				Completion Date				Total Depth				Plug Back TD											
				10-17-78				4100.00'				4052											
Casing Size				Set At				Perforations:				Elevation KB											
4 1/2				4052				From 3957 To 3965				6674' GL											
Tub. Size				Set At				Perforations:				Well No.											
2 3/8				3403				From To				20											
Type Well - Single - Blindness - G.G. or G.O. Multiple								Packer Set At				County											
2.0.0.0 GAS								3380				Rio Arriba											
Producing Thru				Reservoir Temp. °F				Mean Annual Temp. °F				Baro. Press. - P _c											
TUBING				172° 2350				12.0				State											
L				H				Gg				% CO ₂											
				650																			
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		Duration of Flow	
1		2		2		2		2		2		2		2		2		2		2		2	
2		2		2		2		2		2		2		2		2		2		2		2	
3		2		2		2		2		2		2		2		2		2		2		2	
4		2		2		2		2		2		2		2		2		2		2		2	
5		2		2		2		2		2		2		2		2		2		2		2	
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		9.453				1.2		1.000		1.200		1.000		727									
2																							
3																							
4																							
5																							
NO.		P _r		Temp. °R		T _r		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 Y											
3										Specific Gravity Flowing Fluid		X X X X X											
4										Critical Pressure		P.S.I.A.											
5										Critical Temperature		R											
P _c		P _w		P _w		P _w		P _w		(1) P _c ²		1.0048											
1		1.0048		1.0048		1.0048		1.0048		P _c ² - P _w ²		1.0048											
2		1.0048		1.0048		1.0048		1.0048		P _c ² - P _w ²		1.0048											
3		1.0048		1.0048		1.0048		1.0048		P _c ² - P _w ²		1.0048											
4		1.0048		1.0048		1.0048		1.0048		P _c ² - P _w ²		1.0048											
5		1.0048		1.0048		1.0048		1.0048		P _c ² - P _w ²		1.0048											
ACF = Q		[P _c ² - P _w ²] ⁿ		= 730																			
Absolute Open Flow		730		Mcf @ 15.025		Angle of Slope		°															
Remarks:																							
Approved By Commission:		Conducted By:		Calculated By:		Checked By:																	
				NEW TESTER		M.E. O'Neil																	