

Form C-122
Revised 9-1-65

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		9-16-74		SEP 25 1974											
Company				Connection				D. C. C.															
Perry R. Bass				None				ARTESIA, OFFICE															
Pool				Formation				Unit															
Wine Lake				Atoka				Poker Lake															
Completion Date		Total Depth		Plug Buck TD		Elevation		Farm or Lease Name															
9-16-74		15,350'		14,452'		3303 G.L.		Poker Lake Unit															
Csg. Size		Wt.		d		Set At		Perforations:		Well No.													
7-5/8		43.5#		8.755		11.100		13,732 To 13,740		42													
7-5/8		39#		6.625		10,900-14,500																	
Tub. Size		Wt.		d		Set At		Perforations:		Unit Sec. Twp. Rye.													
2-7/8		6.5#		2.441		13,662		From To		10 25-S 30-E													
Type Well - Single - Bradenhead - G.G. or G.O. Multiple								Packer Set At		County													
Single								13,662'		Eddy													
Producing Thru Tubing		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a		State															
		183@ 13,662		60		13.2		New Mexico															
L		H		Gg		% CO ₂		% N ₂		% H ₂ S		Prover		Meter Run		Taps							
13,662		13,662		.585		.610		.784		Nil				4.026		Flange							
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	
SI														7262		70		Packer					
1.		4.026 x 2.500						745		5		90		6663		78		"				1 hr.	
2.		4.026 x 2.500						808		17		78		6037		80		"				1 hr.	
3.		4.026 x 2.500						800		60		76		4497		79		"				1 hr.	
4.		4.026 x 2.500						810		70		68		3662		84		"				.75 hr.	
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, Mc/d									
1		32.64		61.571		758.2		.9723		1.307		1.048		2677									
2		32.64		118.154		821.2		.9831		1.307		1.057		5238									
3		32.64		220.889		813.2		.9850		1.307		1.058		9820									
4		32.64		240.050		823.2		.9924		1.307		1.062		10793									
5																							
NO.		P _r		Temp. °R		T _r		Z		Gas Liquid Hydrocarbon Ratio		Dry		Mcf/bbl									
1.		1.13		550		1.58		.910		A.P.I. Gravity of Liquid Hydrocarbons		---		Deg									
2.		1.22		538		1.55		.895		Specific Gravity Separator Gas		.585		XXXXXXX									
3.		1.21		536		1.54		.893		Specific Gravity Flowing Fluid		XXXXX		.585									
4.		1.22		528		1.52		.887		Critical Pressure		673 P.S.I.A.		673 P.S.I.A.									
5.										Critical Temperature		348 R		348 R									
P _c		7275.2		P _c ²		52928.5		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.7099$		[$\frac{P_c^2}{P_c^2 - P_w^2}]^n = 1.6898$													
NO		P _r ²		P _w		P _w ²		P _c ² - P _w ²		AOF = Q		[$\frac{P_c^2}{P_c^2 - P_w^2}]^n =$											
1		6688.3		44,733.4		8,195.2																	
2		6096.9		37,172.2		15,756.3																	
3		4687.6		21,973.6		30,954.9																	
4		3909.5		15,284.2		37,644.3																	
5																							
Absolute Open Flow		16,594		Mcf/d @ 15.025		Angle of Slope @		45.000															