

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		12/30/85			
Company						Connection							
TENNECO OIL CO.													
Pool						Formation							
BLANCO						MESA VERDE							
Completion Date				Total Depth		Plug Back TD		Elevation		Farm or Lease Name			
				5450		5398				BOLACK LS			
Csg. Size		7" 4 1/2"		Set At		3340		Perforations:		Well No.			
						5447		From 5038 To 5352		12A			
Tng. Size		2 3/8"		Set At		5320		Perforations:		Unit Sec. Twp. Rge.			
								From To		J 29 27 8			
Type Well - Single - Bordenhead - G.C. or G.O. Multiple								Packer Set At		County			
										SAN JUAN			
Producing Thru			Reservoir Temp. °F			Mean Annual Temp. °F			Baro. Press. - P _a			State	
												NEW MEXICO	
L		H		Cg		% CO ₂		% N ₂		% H ₂ S		Prover	
				.680									
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			
1.	2x6x.75						935		940				
2.							103		648	52	3 hours		
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd						
1.	11		115	1.008	1.213	1.0127	1566						
2.													
3.													
4.													
5.													
NO.	R	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio		Mcfd/bbl.						
1.	.17	512	1.33	.975	A.P.J. Gravity of Liquid Hydrocarbons		Dsg.						
2.					Specific Gravity Separator Gas		XXXXXX						
3.					Specific Gravity Flowing Fluid		XXXXXX						
4.					Critical Pressure		P.S.I.A. P.S.I.A.						
5.					Critical Temperature		R R						
$P_r = 952$ $P_c^2 = 906304$													
NO.	P_r^2	P_w^2	P_c^2	$P_c^2 - P_w^2$	$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.9254$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.7452$								
1.	660	435600	470704										
2.													
3.													
4.													
5.													
$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2732$													
Absolute Crust Flow					2732		Mcf @ 15.025						
Angle of Slope							Slope, n .85						
Remarks:													
Approved by Division			Conducted by			Checked by							