

Type Test		☒ Initial	☐ Annual	☐ Special	Test Date 1-29-86	
Company TENNECO OIL CO.			Correction			
Pool BLANCO			Formation MESA VERDE		Unit	
Completion Date		Total Depth 5100		Plug Back TD 4969	Elevation	
Csg. Size 7" ID 4 1/2"		Set At 2914 5085	Perforations: From 4290 To 4767		Farm or Lease Name STOREY C LS	
Tng. Size 2 3/8"		Set At 4752	Perforations: From To		Well No. 9A	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple			Packer Set At		County SAN JUAN	
Producing Thru		Reservoir Temp. °F	Mean Annual Temp. °F		State NEW MEXICO	
L	H	Gg .700	% CO₂	% N₂	% H₂S	
					Prover	
					Meter Run	
					Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
ID	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							350		620	
1.	2x6x.75						106		424	52
2.										3 hours
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
ID	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		118	1.008	1.195	1.0127	1583
2.							
3.							
4.							
5.							

ID	R _i	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1	.17	512	1.33	.975	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 X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

ID	P _t ²	P _w ²	P _w ²	P _c ² - P _w ²
1		436	190096	209328
2.				
3.				
4.				
5.				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.9081}{1.6235}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.6235$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2570$

Absolute Open Flow <u>2570</u> Mcfd @ 15.025		Angle of Slope @ _____	Slope, n <u>.75</u>
Remarks: _____			

Approved By Division _____	Conducted By _____	Calculated By _____	Checked By _____
----------------------------	--------------------	---------------------	------------------