

NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT AND ONE POINT BACK PRESSURE TEST FORM

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 12-2-76			
Company Tenneco Oil Company				Connection					
Pool Blanco Mesa Verde				Formation Mesa Verde				Unit XXXXXXXX C	
Completion Date 11-21-76		Total Depth 5320'		Plug Back TD 5302'		Elevation 6100' GL		Farm or Lease Name XXX Florence	
Csq. Size 4 1/2"	Wt. 10.5#	d	Set At 5318'	Perforations: From 5287' To 4859'		Well No. 4-A			
Tbg. Size 2-3/8"	Wt. 4.7#	d	Set At 5279'	Perforations: From 4755' To 4437'		Unit Soc. Twp. Rge. C 10 T30N R9W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None Set		County San Juan			
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	
		.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	
SI							650		650		
1.	2x6x.75			217		45	212	45	547	-	3 Hr.
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	11		229	1.015	1.213	1.028	3188
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.	.34	505	1.31	.946	A.P.I. Gravity of Liquid Hydrocarbons	Dist. 3
2.					Specific Gravity Separator Gas	XXXXXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A. P.S.I.A.
5.					Critical Temperature	R R

P _c 662	P _c ² 438244	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.4847$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.5504$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1				
2				
3				
4				
5				

Absolute Open Flow		8131	Mcf/d @ 15.025	Angle of Slope @	Slope, n .75
Remarks:					
Approved By Commission:		Conducted By:		Calculated By:	
				Checked By:	