

**NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date <u>3-2-67</u>	
Company <u>Tenneco Oil Co.</u>				Connection			
Pool				Formation <u>Mesa Verde</u>		Unit	
Completion Date		Total Depth <u>8045</u>		Plug Back TD <u>8002</u>		Elevation <u>6939 GR.</u>	
Csg. Size <u>4.5</u>		Set At <u>8044</u>		Perforations: From <u>5216</u> To <u>5290</u>		Farm or Lease Name <u>Micavilla</u>	
Tbg. Size <u>2.375</u>		Set At <u>6770</u>		Perforations: From To		Well No. <u>C-6</u>	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple <u>Dual Gas</u>				Packer Set At <u>6770</u>		County <u>Rio Arriba</u>	
Producing Thru <u>CSG.</u>		Reservoir Temp. °F @		Mean Annual Temp. °F		State <u>New Mexico</u>	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run Taps

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.	2	x	3/4				HR.		1047		
2.							"		335	60	3 hrs.
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	12.3650		347	1.000	.9608	1.036	4266
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2.					Specific Gravity Separator Gas	XXXXXXX
3.					Specific Gravity Flowing Fluid	
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c <u>1059</u>	P _c ² <u>1121481</u>	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1010$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1400$
NO.	P _t ²	P _w	P _w ²
1	120409	424	179822
2			
3			
4			
5			

Absolute Open Flow <u>4863</u> Mcfd @ 15.025		Angle of Slope @	Slope, n <u>.75</u>
Remarks:			

Approved By Commission:	Conducted By:	Calculated By: <u>Neil Testaller</u>	Checked By: <u>J. E. Massey</u>
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Tenneco Oil Company