

**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 2-27-67			
Company Tenneco Oil Co.				Connection					
Pool				Formation Mesa Verde				Unit	
Completion Date		Total Depth		Plug Back TD 8230		Elevation		Farm or Lease Name Jicarilla	
Csg. Size 4.5	Wt. d	Set At 8261	Perforations: From 6103 To 5462		Well No. C-8				
Tbg. Size 2.375	Wt. d	Set At 7925	Perforations: From To		Unit Sec. Twp. Rge. C 13 26 5				
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual Gas						Packer Set At 7925		County Rio Arriba	
Producing Thru		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	

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							P.R.		1060		
1.	2	x	3/4						308	60	3 hrs.
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	12.3650		320	1.000	.9608	1.032	3920
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					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
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 1072	P _c ² 1149184	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.1555}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.1145}$
NO.	P _t ²	P _w	P _w ²
1	102400	393	154627
2			
3			
4			
5			

Absolute Open Flow 4369 Mcfd @ 15.025		Angle of Slope θ	Slope, n .75
Remarks:			
Approved By Commission:			
Conducted By:		Calculated By: Neil Tefteller	Checked By: <i>J. E. Massey</i>

J. E. Massey