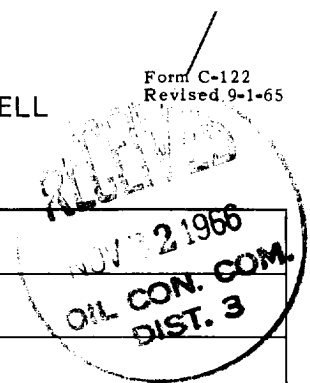


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 10-24-66	
Company Tenneco Oil Co.			Connection		
Pool Basin Dakota			Formation Dakota		Unit
Completion Date		Total Depth		Plug Back TD 7964	Elevation
Csg. Size 4.5	Wt. d	Set At 7998	Perforations: From 7692 To 7932		Well No. 8-2
Tbg. Size 2.375	Wt. d	Set At 7905	Perforations: From To		Unit Sec. Twp. Rge. M 14 26 5
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At	
Producing Thru TBG				Baro. Press. - P _a 12.0	
Reservoir Temp. *F @				Mean Annual Temp. *F	
County Rio Arriba				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	Duration of Flow
1.	2	x	3/4				2455		2473		3 hr.
2.							315	60	1077		
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		327	1.000	.9608	1.35	4019
2.							
3.							
4.							
5.							

NO.	P _r	Temp. *R	T _r	Z	Gas 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. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 2485	P _c ² 6175225			(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.2377}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.1734}$
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1.		1089	1185921	4989304	
2.					
3.					
4.					
5.					

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{4716}$

Absolute Open Flow **4716** 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>
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J. E. Massey
Tenneco Oil Company