

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

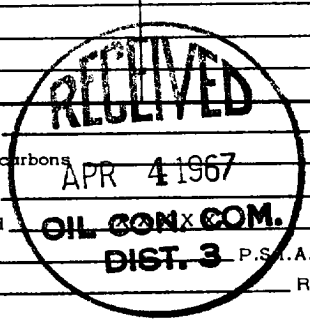
Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 3/2-67			
Company Tenneco Oil Company				Connection					
Pool Basin Dakota				Formation Dakota				Unit	
Completion Date		Total Depth		Plug Back TD 8230		Elevation		Farm or Lease Name Hearilla	
Csg. Size 1.5	Wt.	d	Set At 8251	Perforations: From 8022 To 8140		Well No. C-2			
Thg. Size 2.575	Wt.	d	Set At 7925	Perforations: From To		Unit Sec. Twp. Rge. 0 13 26 5			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual Gas						Packer Set At 7925		County Rio Arriba	
Producing Thru TRG		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.	
SI							2373		2373	
1.	2	4	3/4				367	60		
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		379	1.000	.9608	1.939	4574
2.							
3.							
4.							
5.							

NO.	P _t	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	XXXXXXXXXX
3.					Specific Gravity Flowing Fluid	
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R



P _c 2390	P _c ² 5712100			
NO	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1	379	864	746164	4965936
2				
3				
4				
5				

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.1503}$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.1107}$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{5191}$$

Absolute Open Flow 5191 Mcfd @ 15.025	Angle of Slope Θ	Slope, n .75
Remarks:		
Approved By Commission:	Conducted By:	Calculated By: Neil Testteller
		Checked By: J. E. Massey

TENNECO OIL COMPANY

Company TENNECO OIL COMPANY Lease JICARILLA APACHE Well No. C-8
 Field BASIN DAKOTA County RIO ARriba State NEW MEXICO
 Formation DAKOTA Test Date MARCH 2, 1967

