

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 12-19-66					
Company Tenneco Oil Company					Connection					
Pool Basin Dakota					Formation Dakota					
Completion Date			Total Depth		Plug Back TD		Elevation		Farm or Lease Name	
					7591		6875		Florance	
Csg. Size	Wt.	d	Set At	Perforations:		Well No.				
4.5			7627	From 7355 To 7501		63				
Tbg. Size	Wt.	d	Set At	Perforations:		Unit		Sec.	Twp.	Rge.
2.375			7476	From To		17		27	8	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple					Packer Set At		County			
Single							San Juan			
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a		State		
TBG.						12.0		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.	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
1.	2	x	3/4			1957	60	1971		3 hrs.
2.										
3.										
4.										
5.										

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
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	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

NO.	P _c	P _w	P _c ²	P _w ²	P _c ² - P _w ²
1	1983	845	3932289	714029	3218260
2.					
3.					
4.					
5.					

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.2219}{1.2219 - 0.7140} = 1.2219$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.1621}{1.1621 - 0.7140} = 1.1621$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{4009}{1.1621 - 0.7140} = 4009$

Absolute Open Flow **4009** Mcfd @ 15.025

Angle of Slope θ **.75**

Remarks:

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
		Neil Tefteller	<i>G. E. Massey</i>

Company TENNECO OIL COMPANY Lease FLORANCE Well No. 63
 Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
 Formation DAKOTA Test Date DECEMBER 19, 1966

