

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 10-25-66				
Company Tenneco Oil Co.					Connection				
Pool Basin Bakota					Formation Dakota				
Completion Date			Total Depth		Plug Back TD 6748		Elevation 6083		Farm or Lease Name Florance
Csg. Size 4.5	Wt.	d	Set At 6776	Perforations: From 6686 To 6594		Well No. 67			
Tbg. Size 2 3/8	Wt.	d	Set At 6695	Perforations: From To		Unit Sec. Twp. Rge. 0 19 27 8			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At			County San Juan	
Producing Thru TBG		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0		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	
1.	2	x	3/4				1828		1836		
2.							100	60	154		3 hr.
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		112	1.000	.9608	1.011	1348
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

P _c 1846	P _c ² 3415104			(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.0081}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0060}$
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		166	27556	3287548	
2					
3					
4					
5					

ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1356}$

Absolute Open Flow **1356** Mcfd @ 15.025

Angle of Slope θ _____ Slope, n **.75**

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By: Neil Teftaller	Checked By: <i>J. E. Massey</i> J. E. Massey Tenneco Oil Company
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Company TENNECO OIL COMPANY Lease FLORANCE Well No. 67
 Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
 Formation DAKOTA Test Date OCTOBER 25, 1966

