

**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 7-4-67		CIL CON. COM. DIST. 3	
Company Tenneco Oil Co.					Connection			
Pool Blanco					Formation Pictured Cliffs		Unit	
Completion Date			Total Depth		Plug Back TD 2488		Elevation 5726	
Farm or Lease Name Florance					Well No. 100			
Csg. Size 3.5	Wt.	d	Set At 2488	Perforations: From 2428 To 2462		Unit Sec. Twp. Rge. P 30 30 8		
Thq. Size	Wt.	d	Set At	Perforations: From To				
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At		County San Juan	
Producing Thru Csg		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.	
SI									1082	
1.	2 x 3/4								105	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 Fg	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		117	1.000	.9608	1.010	1410
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 _____ XXXXXXXXXX	
3.					Specific Gravity Flowing Fluid _____ XXXXX	
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.	
5.					Critical Temperature _____ R _____ R	

P _c 1094 P _c ² 1196836					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.0133}$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0112}$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1426}$			
1	13689	125	15693	1181143				
2								
3								
4								
5								

Absolute Open Flow 1426 _____ Mcfd @ 15.025		Angle of Slope θ _____		Slope, n .85	
Remarks: _____					
Approved By Commission:		Conducted By:		Calculated By: Neil Tefteller	
				Checked By: <i>[Signature]</i>	



EFTTELLER, INC.

reservoir engineering data

MIDLAND, TEXAS

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File 2-2421-AOF

Company TENNECO OIL COMPANY Lease FLORANCE Well No. 100
Field _____ County SAN JUAN State NEW MEXICO
Formation PICTURED CLIFFS Test Date JULY 4, 1967

