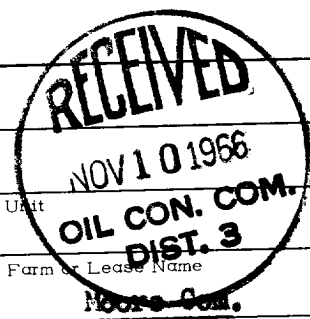
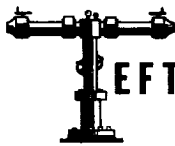


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 10-26-66	
Company Tenneco Oil Co.				Connection		
Pool Basin Dakota				Formation Dakota		
Completion Date		Total Depth		Plug Back TD		Elevation
Csg. Size 4.5		Wt. 2.375		Set At 7776		Perforations: From 7628 To 7710
Tbg. Size 2.375		Wt. 2.375		Set At 7709		Perforations: From To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		Well No. 1
Producing Thru TBG		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0
L		H		Gg		% CO ₂ % N ₂ % H ₂ S
Prover		Meter Run		Taps		
FLOW DATA				TUBING DATA		CASING DATA
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F
SI						
1.	2	x	3/4			
2.						
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}
1	12.3650		292	1.000	.9608	1.030
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 _____ 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 1915	P _c ² 3667225	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.3113}$				
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.2253}$	
1		933	870489	2796736		
2						
3						
4						
5						
Absolute Open Flow 4380 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>
Tenneco Oil Company						





EFTELLER, INC.

reservoir engineering data
MIDLAND, TEXAS

Page 2 of 2
File 2-2224-AOF

Company TENNECO OIL COMPANY Lease MOORE COM. Well No. 1
Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
Formation DAKOTA Test Date OCTOBER 26, 1966

