

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

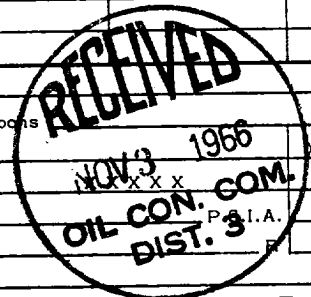
Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 10-4-66	
Company Termeco Oil Co.				Connection		
Pool Basin Dakota				Formation Dakota		Unit
Completion Date		Total Depth 7577		Plug Back TD 7517		Elevation 6640
Farm or Lease Name Reames Com.						Well No.
Csg. Size 4.5	Wt.	d	Set At 7577	Perforations: From 7256 To 7448		Well No. 1
Thg. Size 2.375	Wt.	d	Set At 7459	Perforations: From To		Unit B Sec. 25 Twp. 26 Rge. 6
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		County Rio Arriba
Producing Thru TBG		Reservoir Temp. °F @		Mean Annual Temp. °F		State New Mexico
L 7459	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							2082		2645	
1.	2	X	3/4				493	60	1462	3 hr.
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, Fpv	Rate of Flow Q, Mcfd
1	12.3650		505	1.000	.9608	1.053	6319
2.							
3.							
4.							
5.							

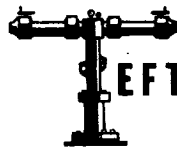
NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2.					Specific Gravity Separator Gas	X X X X X X X X
3.					Specific Gravity Flowing Fluid	X X X
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	°F



P _c 2657	P _c ² 7059649	(1) $\frac{P_c^2}{P_c^2 - R_w^2} = 1.4446$	(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.3176$
NO.	P _t ²	P _w	R _w ²
1		1474	2172676
2			
3			
4			
5			

Absolute Open Flow 8326 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>
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PFETTER, INC.

reservoir engineering data
MIDLAND, TEXAS

Page 1 of 1
File 2-2214-AOF

Company TENNECO OIL COMPANY Lease REAMES COM. Well No. 1
Field BASIN DAKOTA County RIO ARriba State NEW MEXICO
Formation DAKOTA Test Date OCTOBER 5, 1966

Status of Well **Shut in 7 days**

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	2082	
2000	2256	0.087
4000	2412	0.078
6952	3049	0.216
7152	3134	0.425
7352 Mid-Perf	3220	0.430

