

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

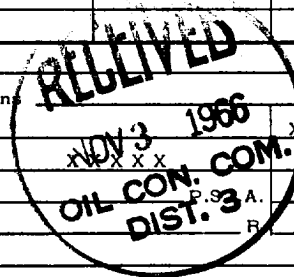
Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 10-6-66			
Company Tenneco Oil Co.				Connection					
Pool Basin Dakota				Formation Dakota				Unit	
Completion Date		Total Depth		Plug Back TD 7633		Elevation 6610		Farm or Lease Name Jicarilla	
Csg. Size 5.5	Wt. 5.5	d 5.5	Set At 7668	Perforations: From 7354 To 7563				Well No. B-7	
Tbg. Size 2.375	Wt. 2.375	d 2.375	Set At 7563	Perforations: From To				Unit Sec. Twp. Rge. H 16 26 5	
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		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.	
1.	2	X	3/4				2213	60	2233	
2.							211		755	3 hr.
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		223	1.000	.9608	1.023	2710
2.							
3.							
4.							
5.							

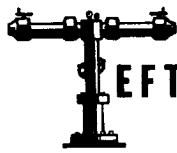
NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ °R



P _c 2245	P _c ² 5040025	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.1321}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0974}$
NO.	P _t ²	P _w	P _w ²
1.		767	588289
2.			
3.			
4.			
5.			

Absolute Open Flow 2974 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: _____			

Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By: J. E. Massey Tenneco Oil Company
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EFTTELLER, INC.

reservoir engineering data
MIDLAND, TEXAS

Page 2 of 2
File 2-2215-AOF

Company TENNECO OIL COMPANY Lease JICARILLA Well No. B-7
Field BASIN DAKOTA County RIO ARriba State NEW MEXICO
Formation DAKOTA Test Date OCTOBER 6, 1966

Status of Well **Shut in 7 days +**

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	2213	
2000	2393	0.090
4000	2564	0.086
6000	2698	0.067
7266	2787	0.070
7466 Mid-Perf	2844	0.285

