

**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 10-9-66	
Company Tenneco Oil Co.				Connection		
Pool Basin Dakota				Formation Dakota		Unit
Completion Date		Total Depth		Plug Back TD		Elevation 6106
Farm or Lease Name Bolack B						
Csg. Size 4.5	Wt.	d	Set At 6698	Perforations: From 6402 To 6624		Well No. B-4
Tbg. Size 2 3/8	Wt.	d	Set At 6593	Perforations: From To		Unit Sec. Twp. Rge. 0 30 27 8
Type Well - Single - Bradenhead - G.G. or G.O. Multiple				Packer Set At		County San Juan
Producing Thru		Reservoir Temp. °F a		Mean Annual Temp. °F		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				201	60	586		3 hr.
2.											
3.											
4.											
5.											

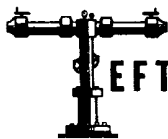
RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.	12.3650		213	1.000	.9608	1.022	2584
2.							
3.							
4.							
5.							

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
3.					Specific Gravity Flowing Fluid	X X X X X X X
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 1913	P _c ² 3659569	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.1083}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0802}$
NO.	P _t ²	P _w	P _w ²
1.		593	357604
2.			
3.			
4.			
5.			

Absolute Open Flow 2791 Mcfd @ 15.025		Angle of Slope θ	Slope, n .75
Remarks:			

Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By: <i>J. F. Massey</i> J. F. Massey Tenneco Oil Company
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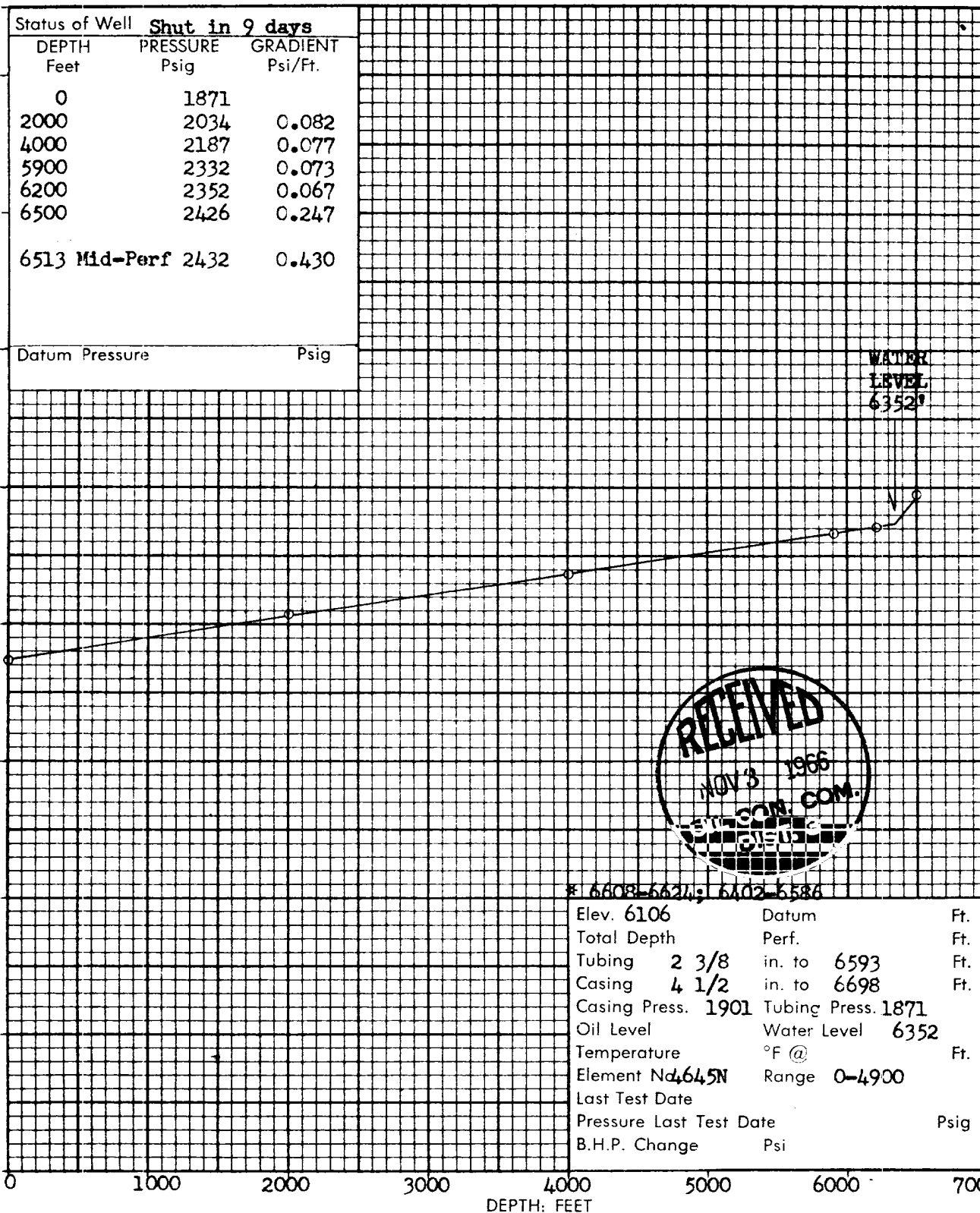


EFTELLER, INC.

reservoir engineering data
MIDLAND, TEXAS

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File 2-2206-ACF

Company TENNECO OIL COMPANY Lease BOLACK Well No. B-4
Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
Formation DAKOTA Test Date OCTOBER 9, 1966



PRESSURE POUNDS PER SQUARE INCH GAUGE