

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 5-17-67	
Company Tenneco Oil Co.				Connection		
Pool Basin Dakota				Formation Dakota		Unit
Completion Date		Total Depth		Plug Back TD 7239	Elevation 6990 GL	Farm or Lease Name State
Csg. Size 4.5	Wt. d	Set At 7240	Perforations: From 6990 To 7204		Well No. E-6	
Tbg. Size 2.375	Wt. d	Set At 7189	Perforations: From To		Unit Sec. Twp. Rge. J 32 27 8	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas				Packer Set At		County San Juan
Producing Thru Tbg		Reservoir Temp. °F @	Mean Annual Temp. °F		Baro. Press. - P _a 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	
SI							1302		1873		
1.	2 - 3/4						256	60	588		3 Hrs
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		268	1.000	.9608	1.027	3264
2.							
3.							
4.							
5.							

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

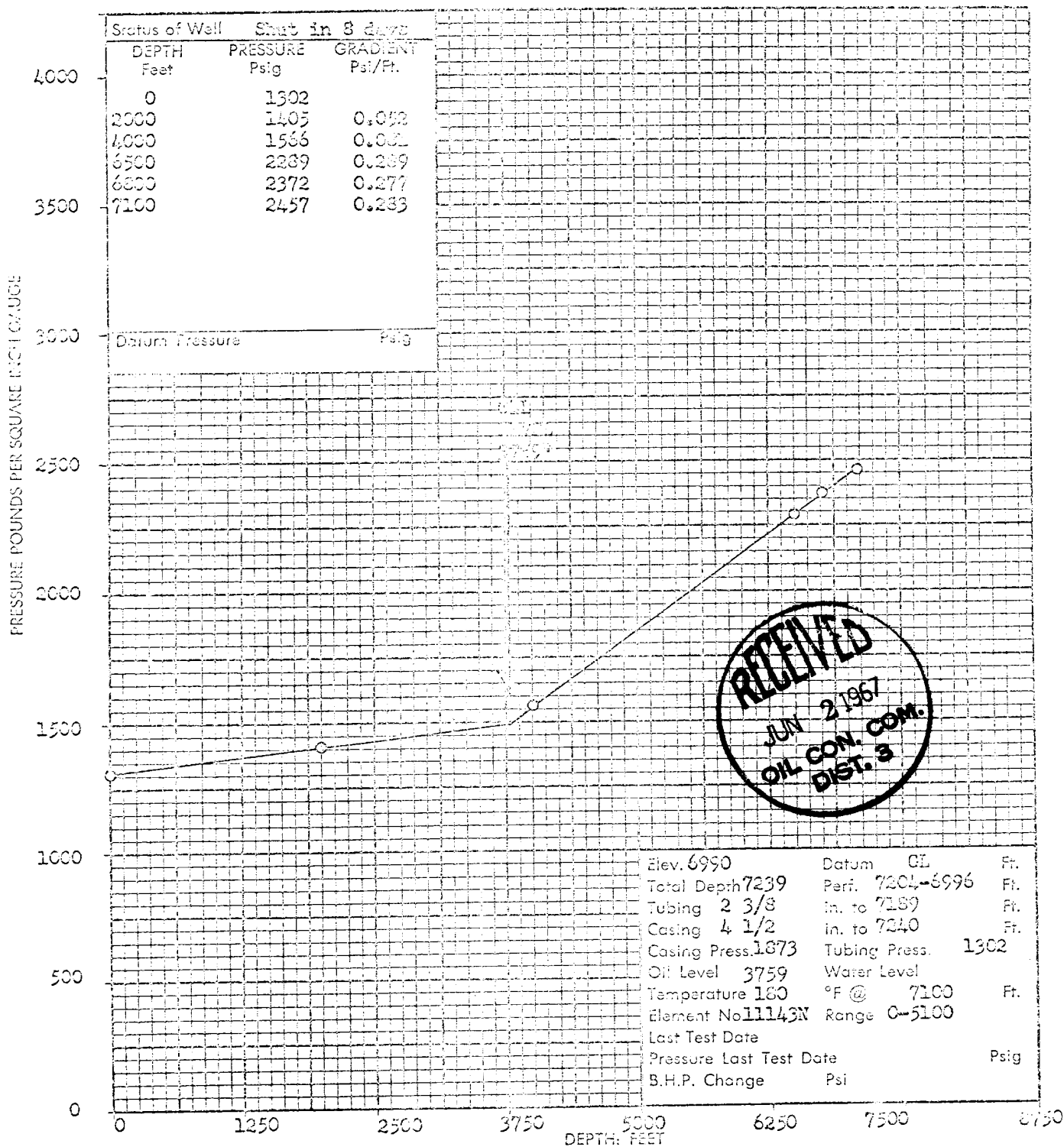
P _c 1314	P _c ² 1726596	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2634$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1916$
NO.	P _w ²	P _w	P _w ² - P _w ²
1	600	360000	1366596
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3889$

Absolute Open Flow	3889	Mcf/d @ 15.025	Angle of Slope ϕ	Slope, n .75
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Remarks:			
Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By:

Company TRINCO OIL COMPANY Lease STATE "E" Well No. 6
 Field EAST DAKOTA County SAN JUAN State NEW MEXICO
 Formation DAKOTA Test Date MAY 17, 1967



RECEIVED

JULY 1 1967

TENNECO OIL COMPANY
DURANGO, COLORADO
