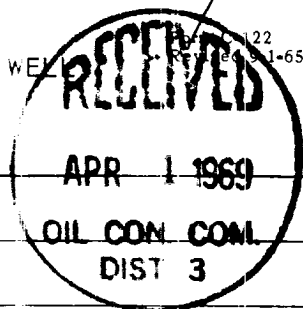


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 3-10-69	
Company Tenneco Oil Co.				Connection	
Pool Pictured Cliffs				Formation Pictured Cliffs	
Completion Date		Total Depth 2703		Plug Back TD 2651	
				Elevation 5906	
Csg. Size 3.5	Wt. 7.7	d	Set At 2681	Perforations: From 2587 To 2599	
Tbg. Size	Wt.	d	Set At	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At	
Producing Thru Casing		Reservoir Temp. °F a		Baro. Press. - P _a 12.0	
L		H	Gg	% CO ₂	% N ₂
				% H ₂ S	Prover
				Meter Run	gals

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									628		
1.	2 x 3/4								233	60	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, F _{spv}	Rate of Flow Q, Mcfd
1	12.3650		245	1.000	.9608	1.025	2980
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	$\bar{r}_r$	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 640		P _c ² 609600			
NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²	
1		264	69557	340043	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2046$
2					(2) $\left[\frac{P_c}{P_c^2 - P_w^2} \right]^n = 1.1714$
3					
4					AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3491$
5					

Absolute Open Flow 3491 Mcfd @ 15.025		Angle of Slope θ _____		Slope, n .85	
Remarks: _____					
Approved By Commission:		Conducted By:		Calculated By: Neil Testteller	
				Checked By:	



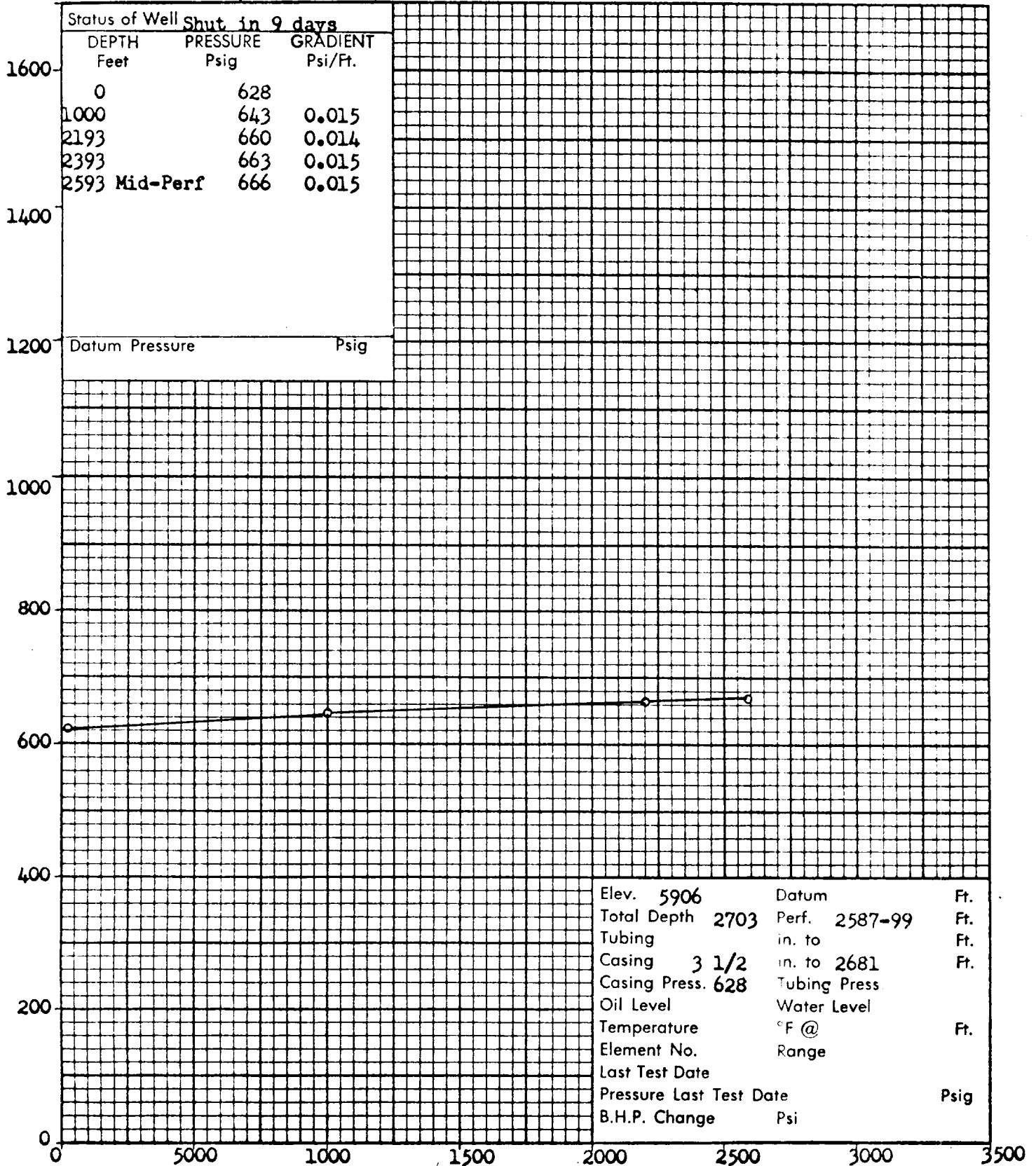
Company TENNECO OIL COMPANY Lease GIOMI COM. Well No. A-1
 Field PICTURED CLIFFS County SAN JUAN State NEW MEXICO
 Formation PICTURED CLIFFS Test Date MARCH 10, 1969

Status of Well Shut in 9 days

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	628	
1000	643	0.015
2193	660	0.014
2393	663	0.015
2593 Mid-Perf	666	0.015

Datum Pressure _____ Psig _____

PRESSURE POUNDS PER SQUARE INCH GAUGE



Elev. 5906	Datum	Ft.
Total Depth 2703	Perf. 2587-99	Ft.
Tubing	in. to	Ft.
Casing 3 1/2	in. to 2681	Ft.
Casing Press. 628	Tubing Press.	
Oil Level	Water Level	
Temperature	°F @	Ft.
Element No.	Range	
Last Test Date		
Pressure Last Test Date		Psig
B.H.P. Change	Psi	