

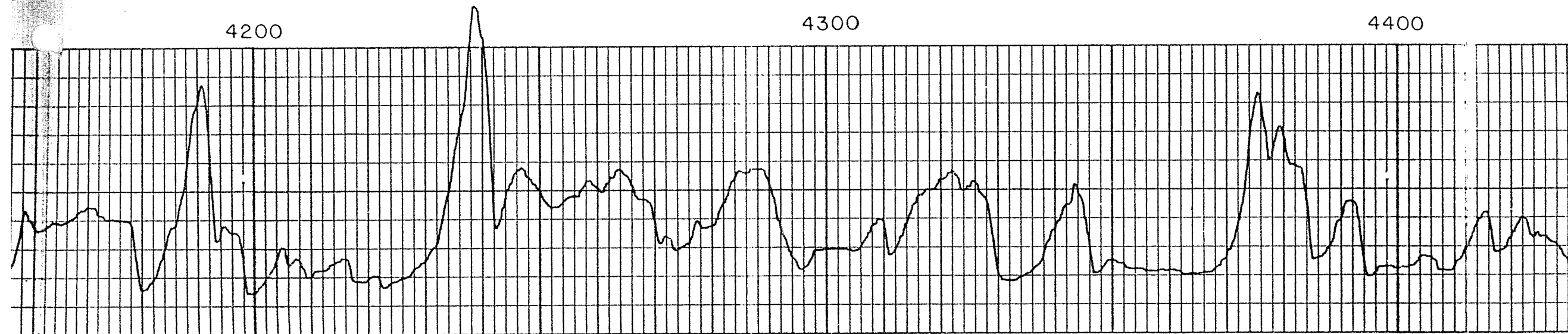
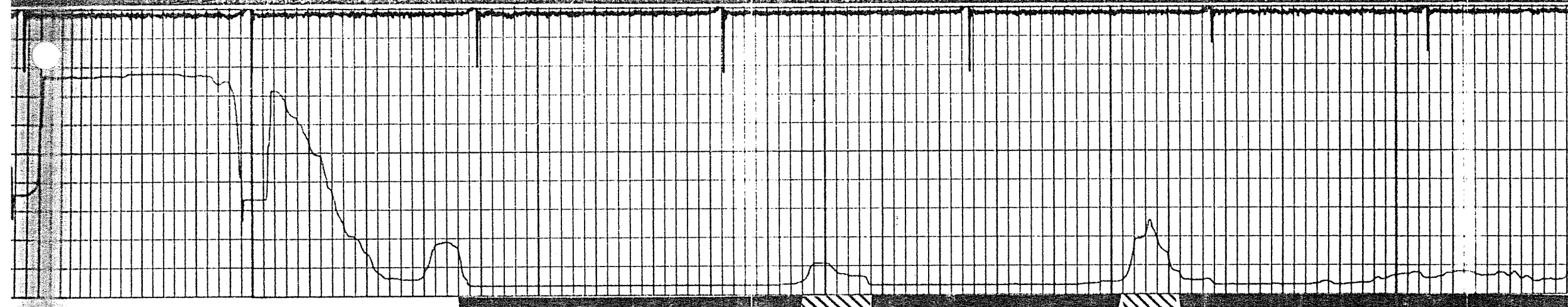
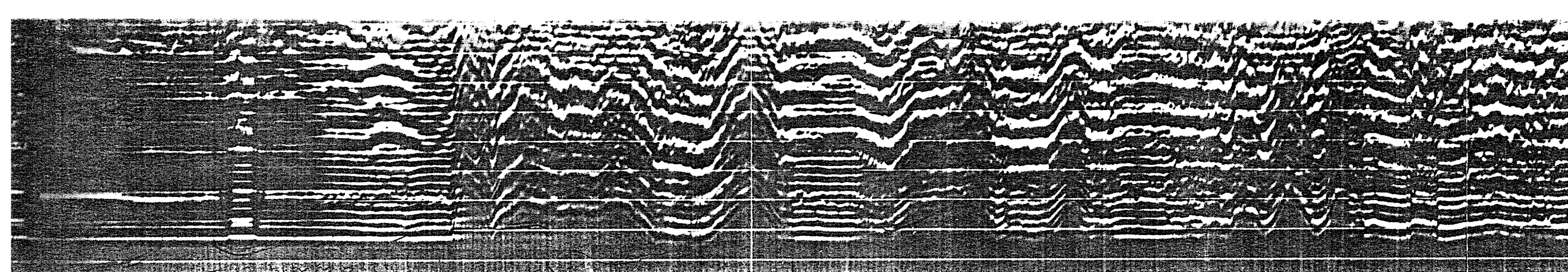


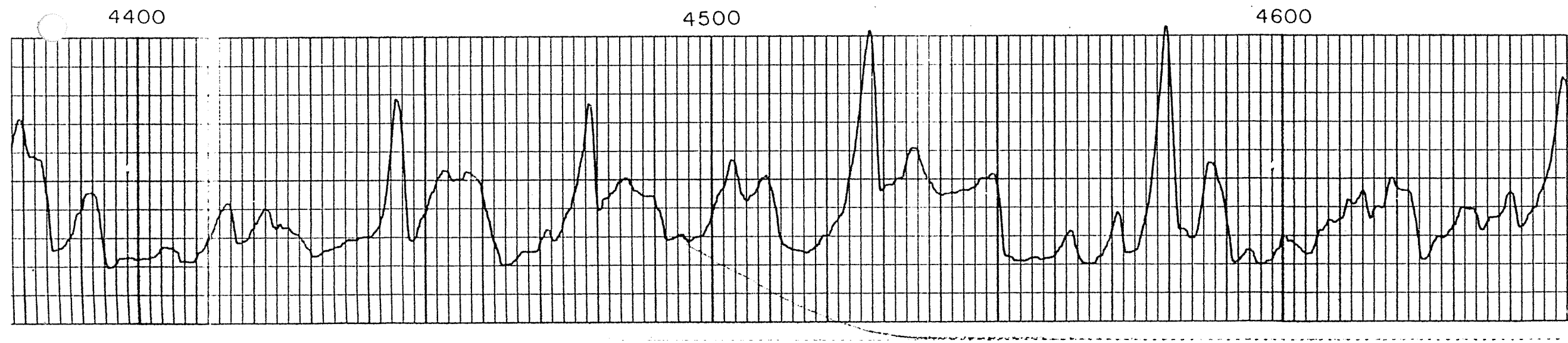
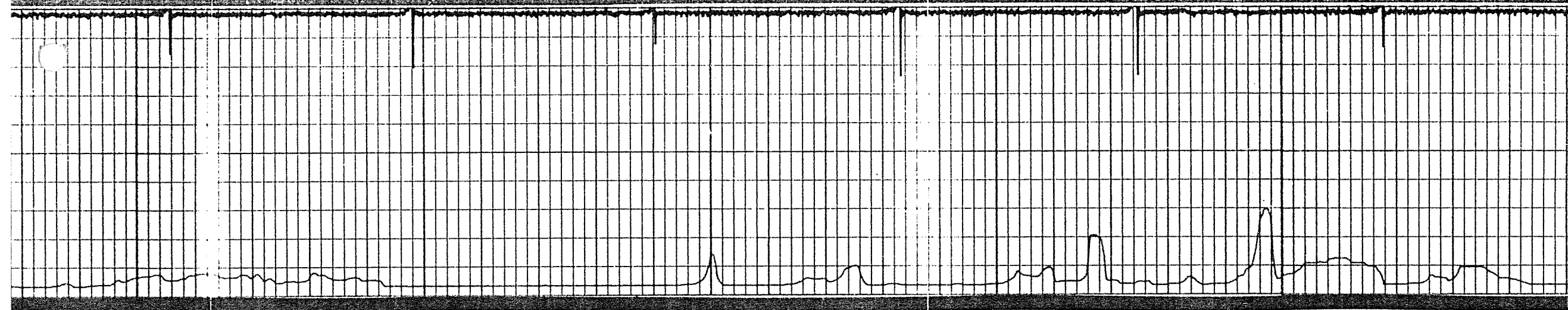
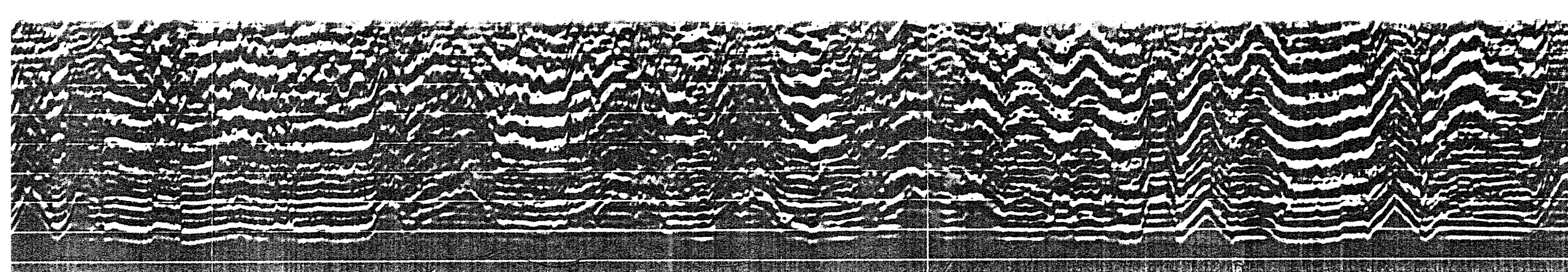
Gamma Ray

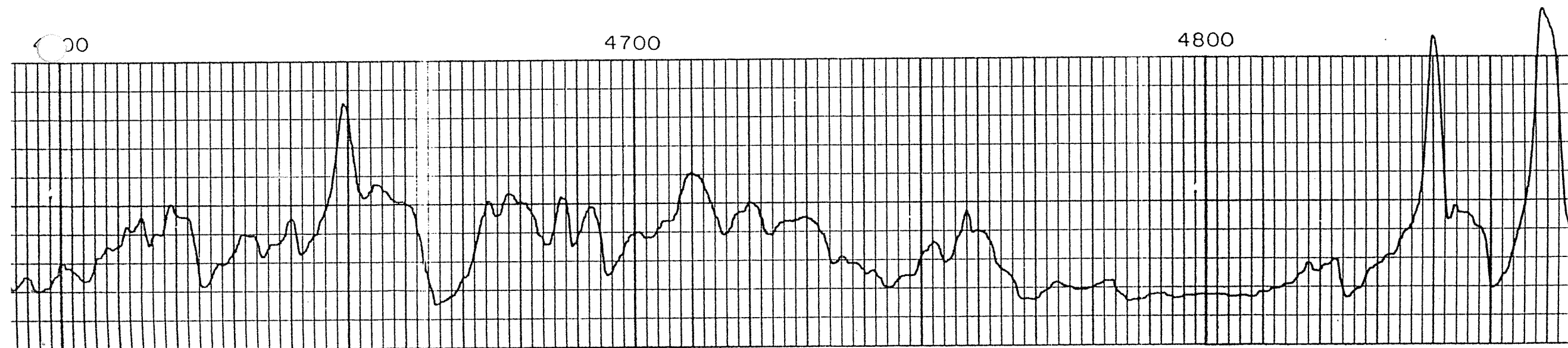
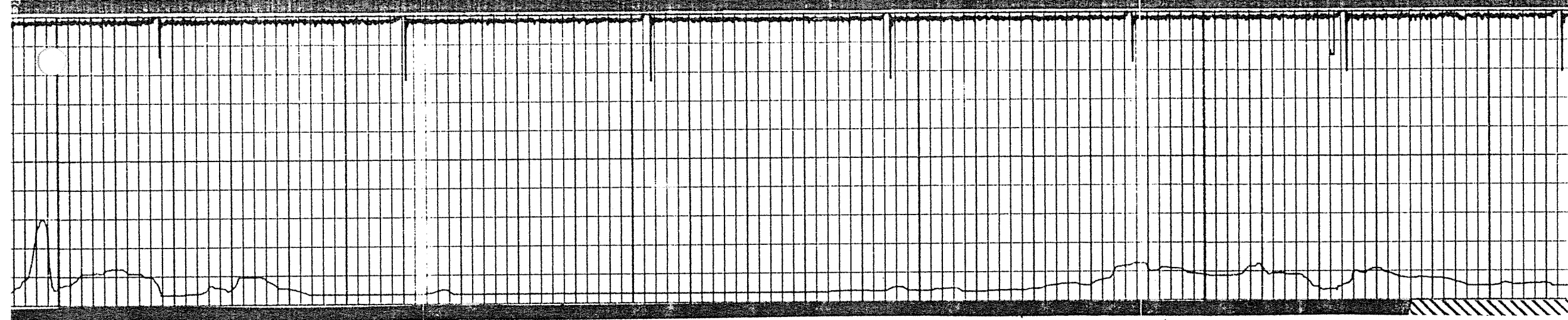
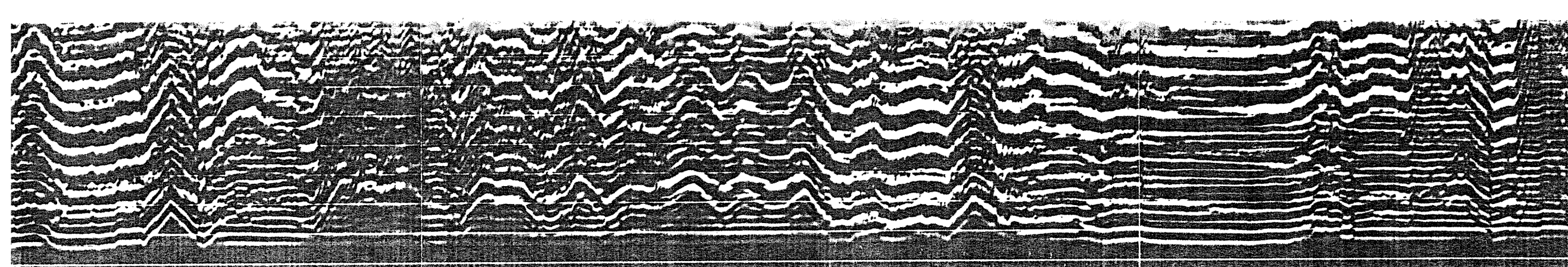
Date	CSG. RECORD	Surface	Production	Liner
Run No.	ONE	8 ⁵ / ₈	5 ¹ / ₂	
Service Order No.	-	Wt./Ft.	15.5	
Depth - Driller	5370	Grade		
Depth - Logger	5317	Type Joint		
Bottom Logged Int.	5311	Top	O	O
Top Logged Interval	4100	Bottom	620	N/A
Ft. Measured	-	PRIMARY CEMENTING DATA		
Type Mud in Csg.	WATER	Type Cement		
Fluid Level	FULL	Vol. of Cement		
Max. Temp. Deg. F.	-	Additive		
Tool Series No.	262	% Additive		
Tool Diam.	3.25	Retarder		
Standoff Size	5'	% Retarder		
Logging Speed	30 ft/min	Slurry Wt.		
R/A Log Type	-	Water Loss		
T.C.	2	Drig. Mud Type		
Sens. Setting	2.28	Drig. Mud Wt.		
API Units/Div.	20	PRIMARY CEMENTING PROCEDURE		
Truck or Unit No.	TR-1	Started Pumping	HR.	DATE
Location	C.W.	Plug on Bottom		Preceding Fluid
Opr. Rig Time	B.M.	Pres. Released		Vol. Bbls.
Recorded by	P. PATERSON	Started Bond Log	13:00	Returns: Full Partial None
Witnessed by	D. KUNSTON	Finished Bond Log	19:00	Pipe Rot. During Pumping: Yes No
				Pipe Rot. After Plugdown: Yes No

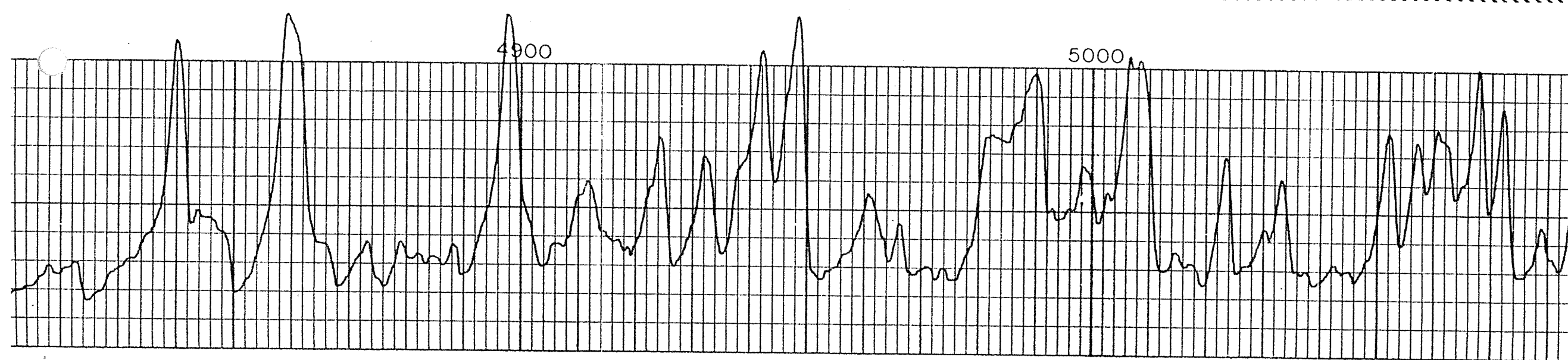
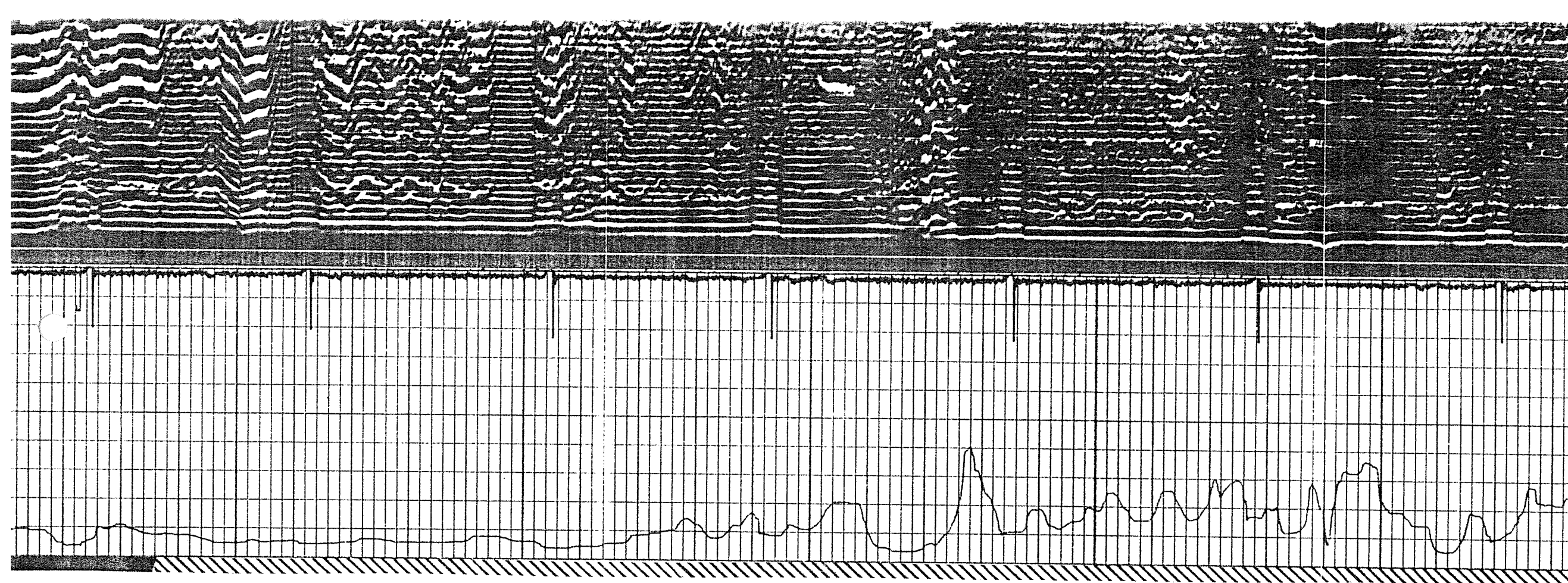
	GOOD BOND
	PARTIAL BOND

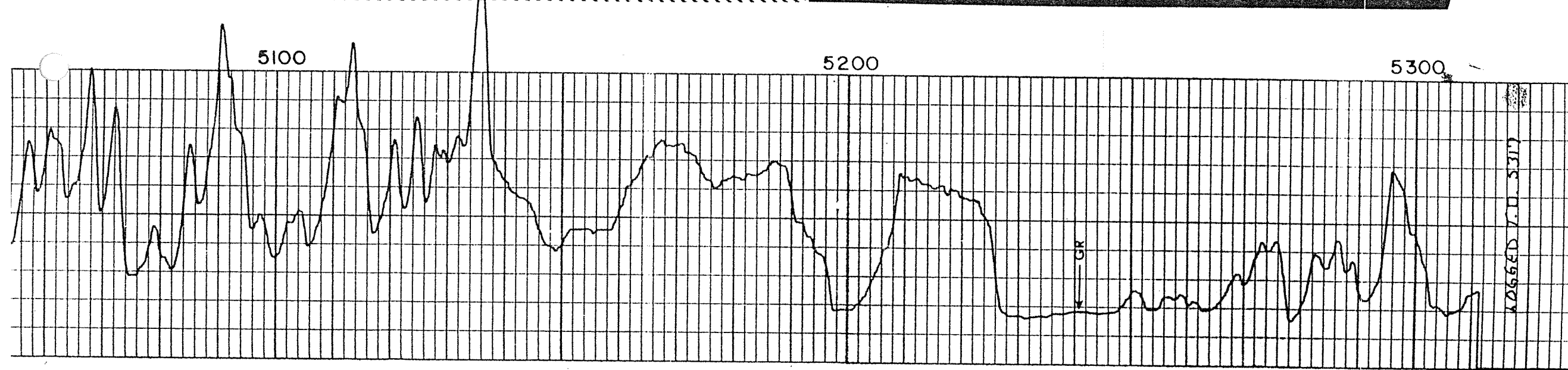
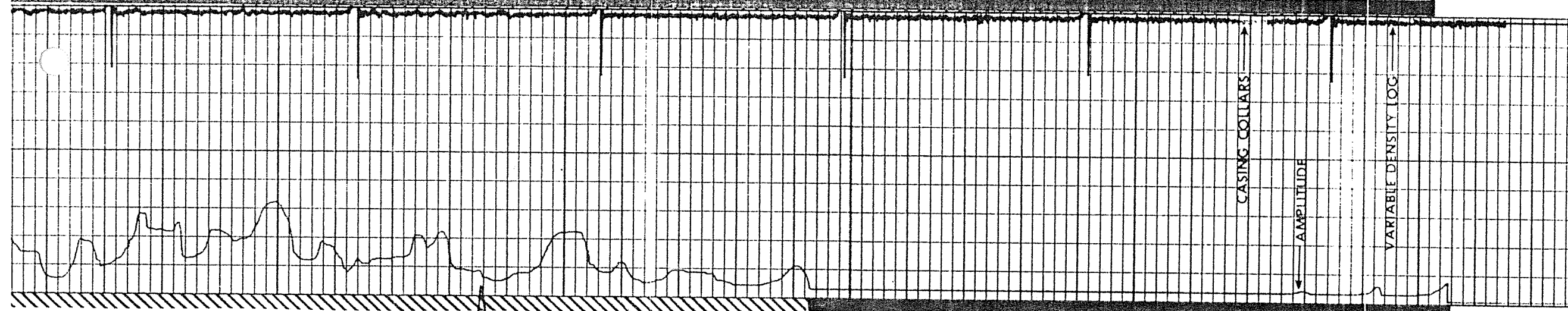
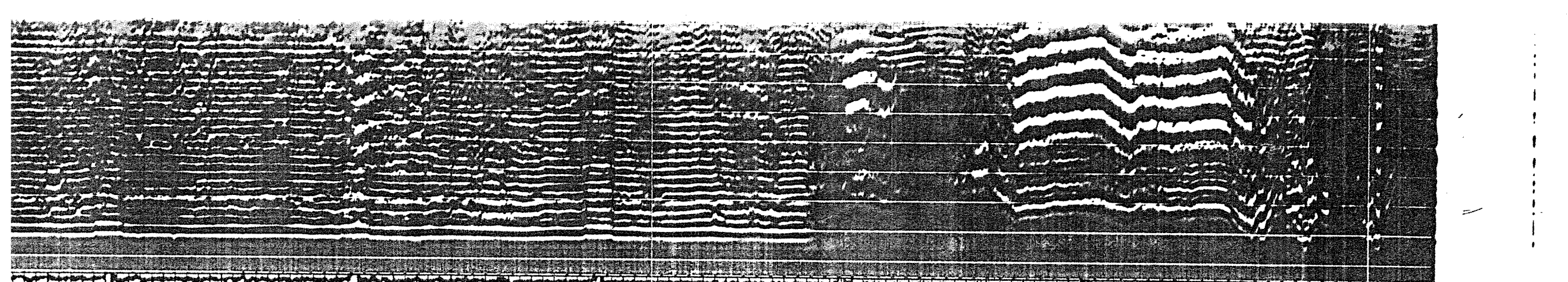
4100





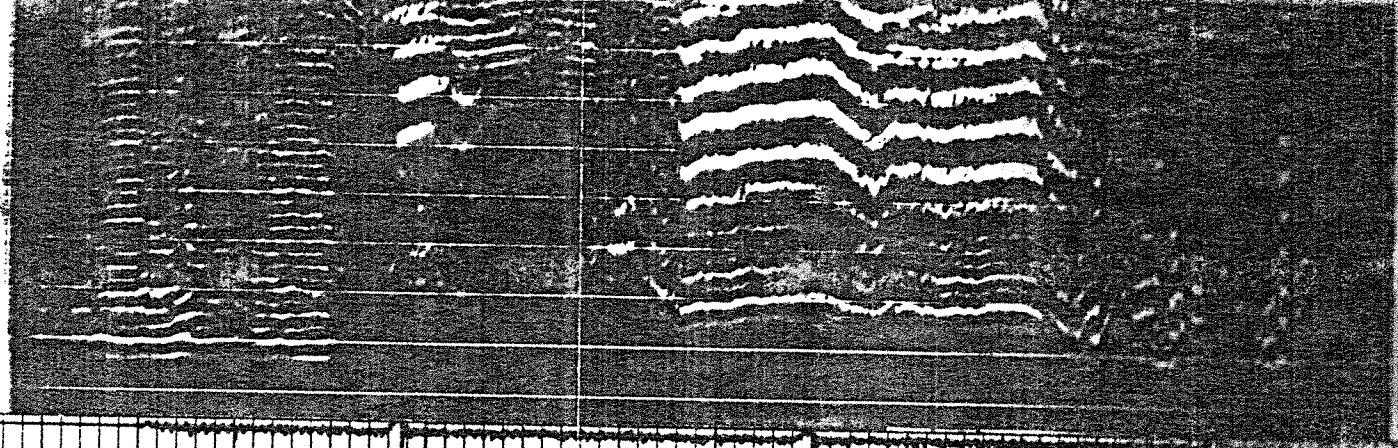
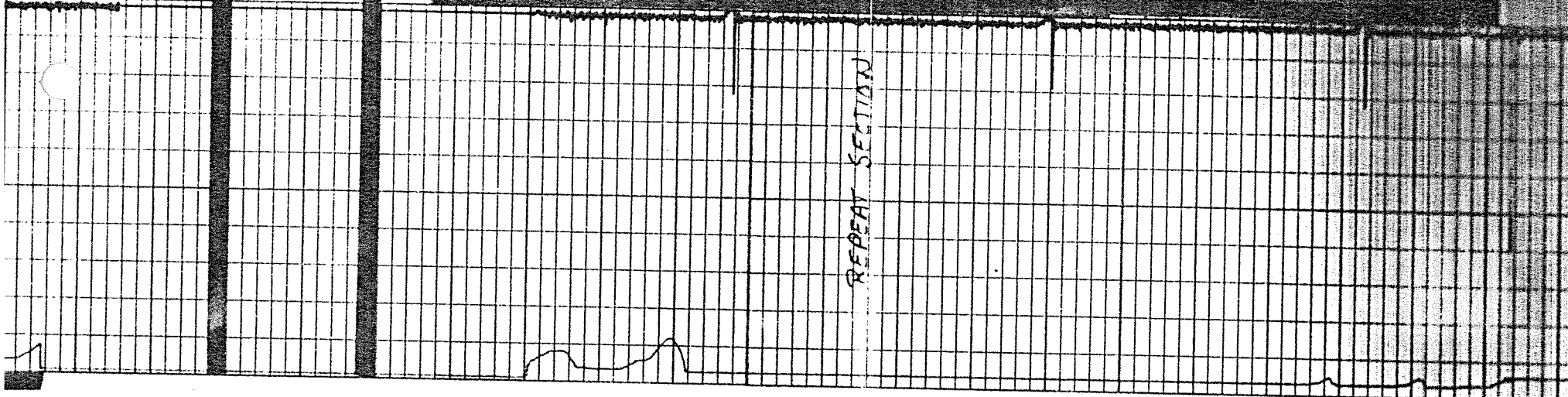
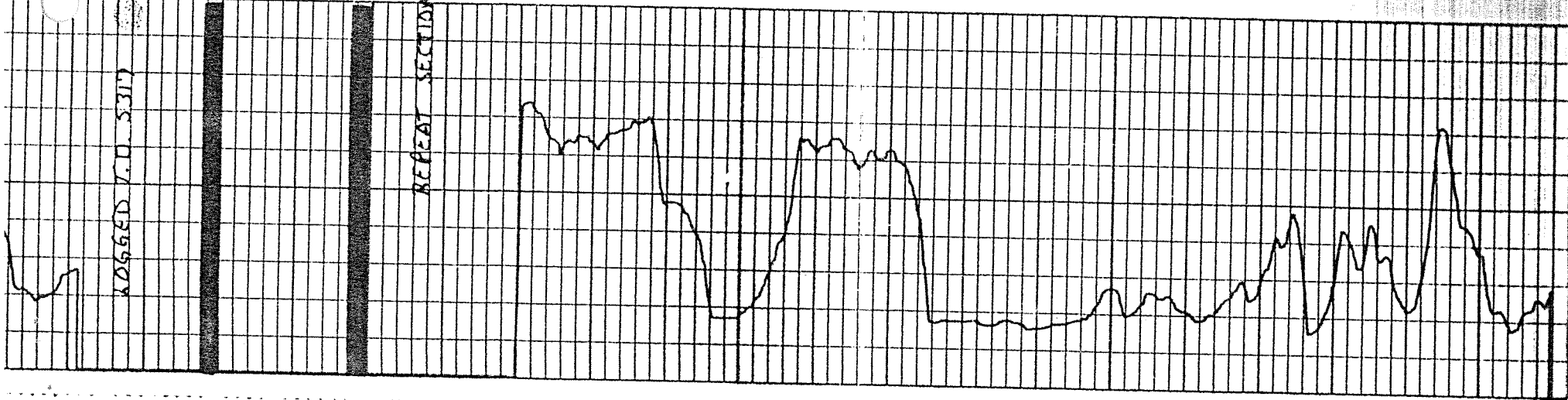






LOGGED T.D. 5312

CO



GAMMA RAY	DEPTH	COMPRESSION WAVE AMPLITUDE
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Company	UPRC	Drillers T.D.	5320
Well	No. 2 JOE 14-24	Log F.R.	5311
Field	NORTH ARAPAHOE	Log T.D.	5317
County	CHEYENNE	Elevations	
State	COLORADO	K.B.	4024
		DF.	G.L. 4014