FORMATION DENSITY LOG
Run 2"

263

SCHLUMBERGER

COMPENSATED FORMATION DENSITY LOG

Gamma-Gamma

COUNTY
FIELD or LOCATION
WELL
COMPANY

COMPANY Shell Oil Company

CONFIDENTIAL

WELL Shell-Trambitas 1-28 (strat test 14)

FIELD Ocean City Area

COUNTY Grays Harbor STATE Washington

Location: NE/4, SE/4 of

Sec. 28 Twp. 19N Rge. 12W

Other Services:

Permanent Datum: GL ; Elev.: 12

Log Measured From KB, 12 Ft. Above Perm. Datum

Drilling Measured From KB

Elev.: K.B. 24
D.F.
G.L.

Date	5-29-70		
Run No.	1		
Type Log	GR-GG		
Depth—Driller	3111		
Depth—Logger	3120		
Bottom logged interval	3119		
Top logged interval	1035		
Type fluid in hole	Fresh		
Salinity, PPM Cl.			
Density	105		
Level	Full		
Max rec. temp., deg F.	105		
Operating rig time			
Recorded by	Andersen		
Witnessed by	DYER		

RUN No.	BORE-HOLE RECORD Bit	From	To	CASING RECORD Size	Wgt.	From	To
1	8 3/4	1035	3111	9 5/8	[illegible]	0	1035

FOLD HERE

The well name, location and borehole reference data were furnished by the customer.

EQUIPMENT DATA

Run No.	PG P-D	PDH-A	PGH-A	PGS-E	Source No.	SFT-106	SGH	Logging Unit	Location
1	372	156	138	179	2427	213		3716	SAC
2									
3									

CALIBRATION DATA

Run No.	Gamma Ray API Scale	Gamma Ray Background CPS	FDC—Before Log—ACPS P_1	Total CPS	FDC—Before Log—ACPS P_2	FDC—After Log—ACPS P_1	FDC—After Log—ACPS P_2
1	0-100	96	344	488	672		
2							
3							

LOGGING DATA

Run No.	General Depths From	To	Speed Ft./Min.	Tc	Gamma Ray API Scale	Liquid Density	FDC Selectors Grain Density	Hole Fluid	Porosity Scale
1	2800	3119	[illegible]	2	30-120	1.00	2.65	Liquid	
1	1035	3111	[illegible]	2	0-100				

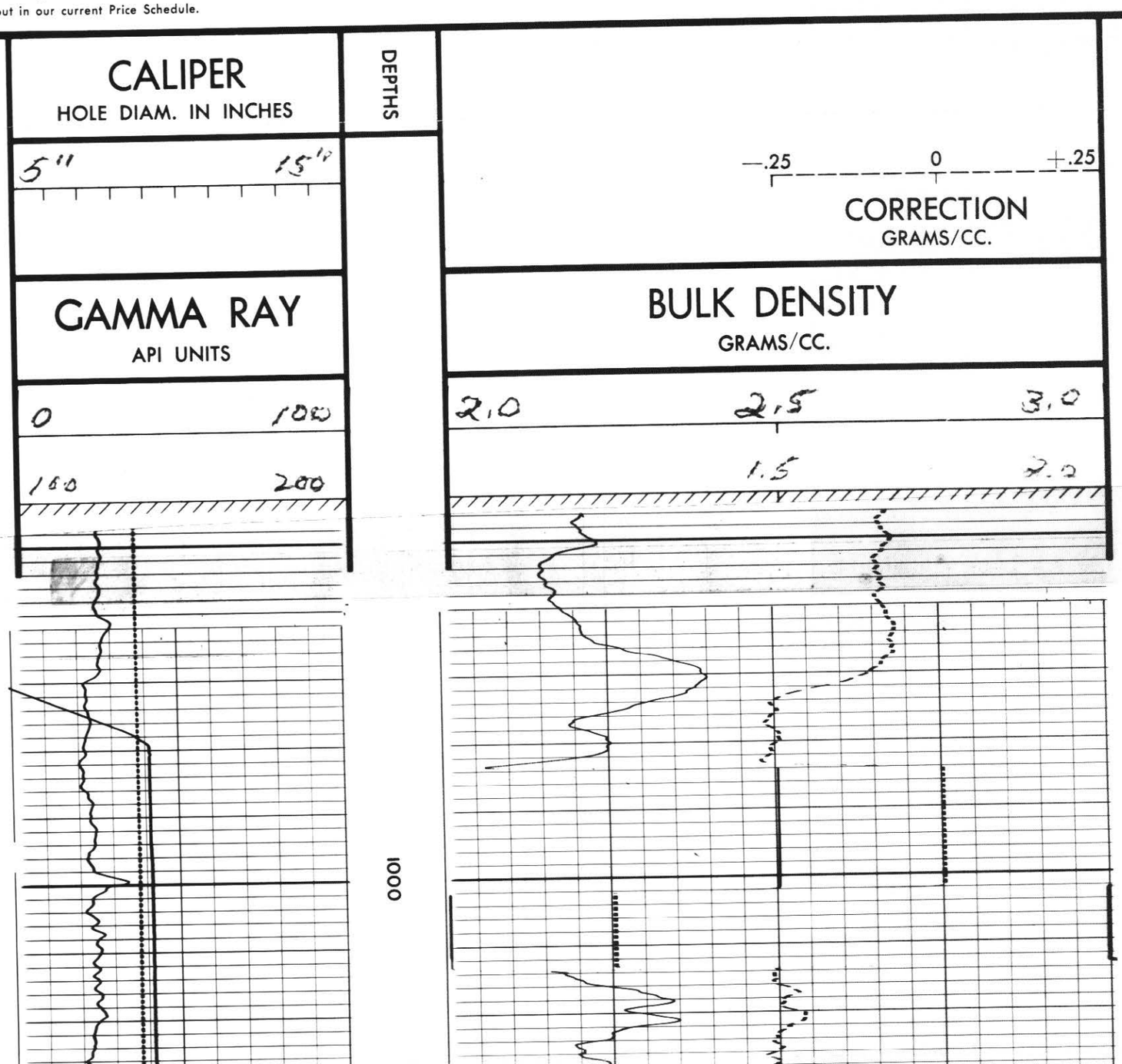
SWS—1381-D

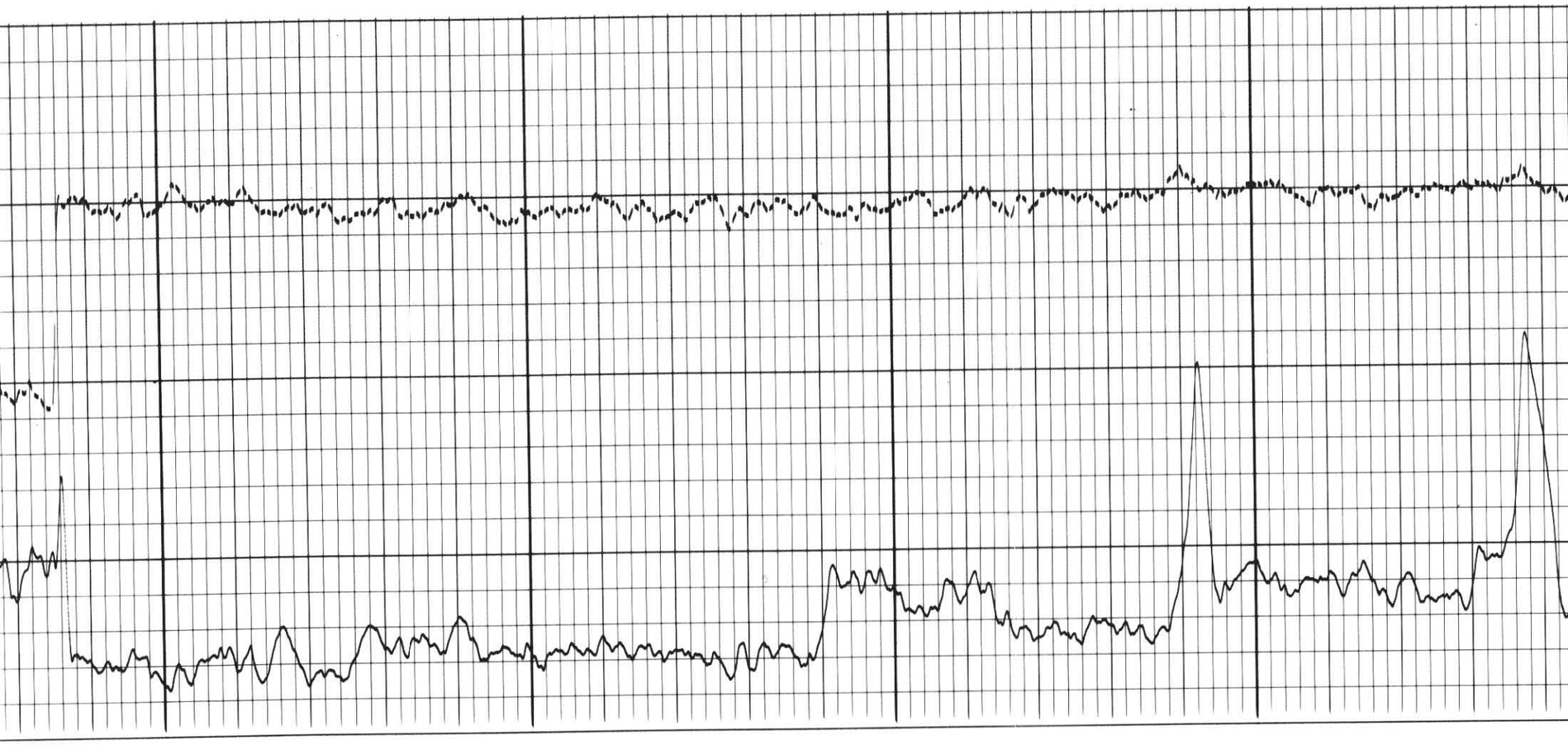
MUD DATA

Run No.	Rm. @ °F	% Solids by Vol.	% Oil by Vol.	% Water by Vol.	Viscosity, Sec/Qt @ °F	Solids, Av. Sp. Gr.
1	1.11 @ 63 °F				@ °F	
2	@ °F				@ °F	
3	@ °F				@ °F	

Remarks:

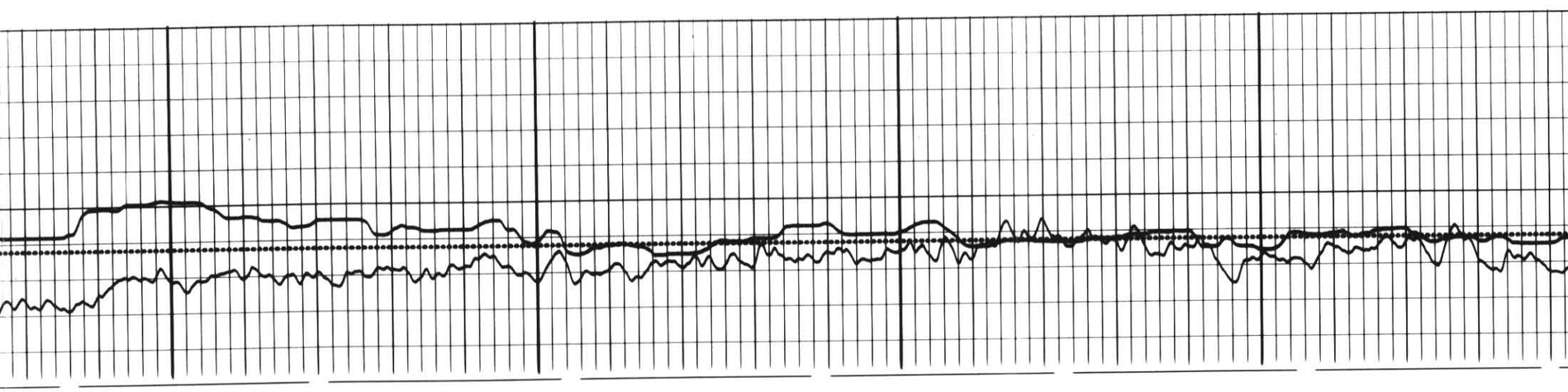
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpreations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 7 of our General Terms and Conditions as set out in our current Price Schedule.

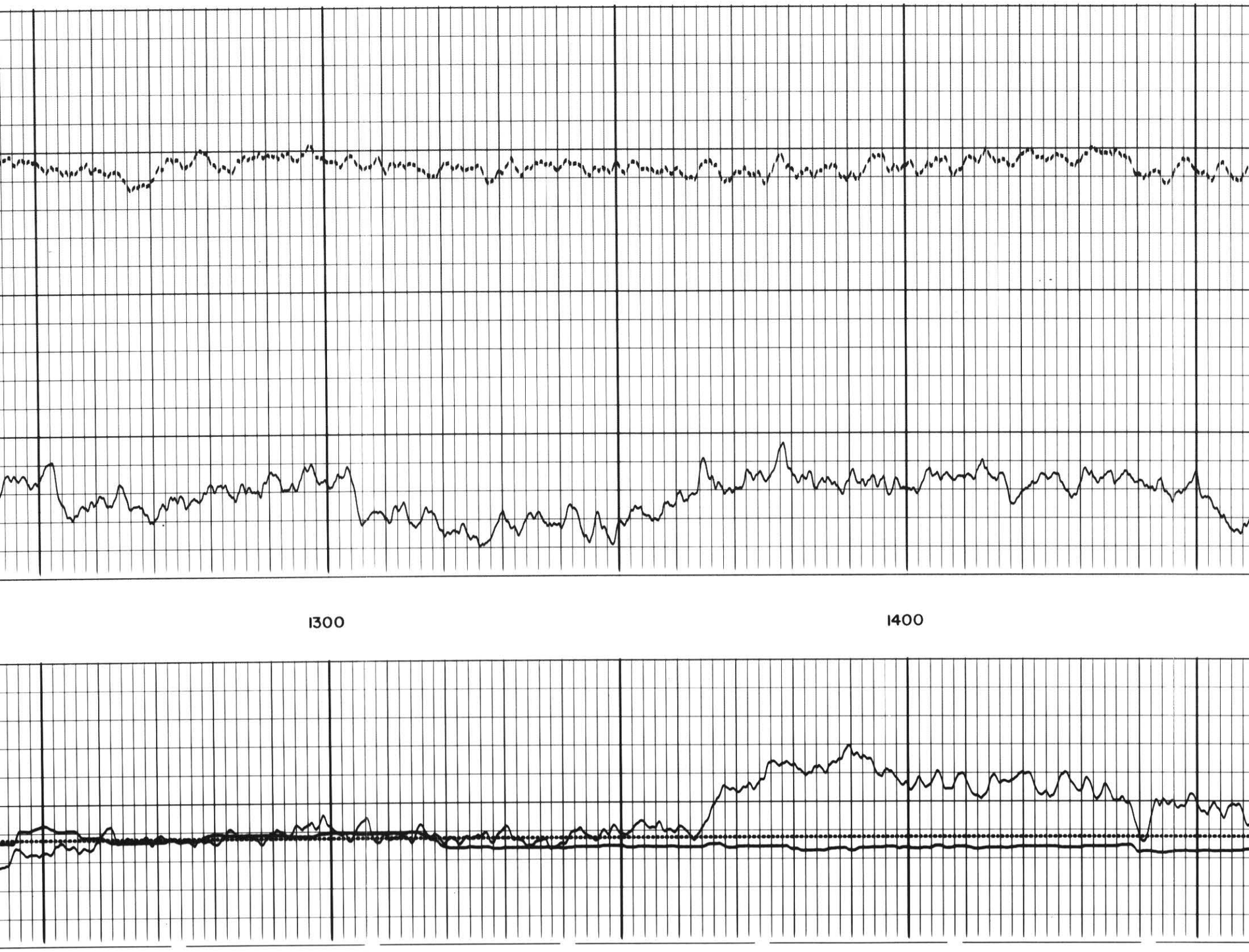


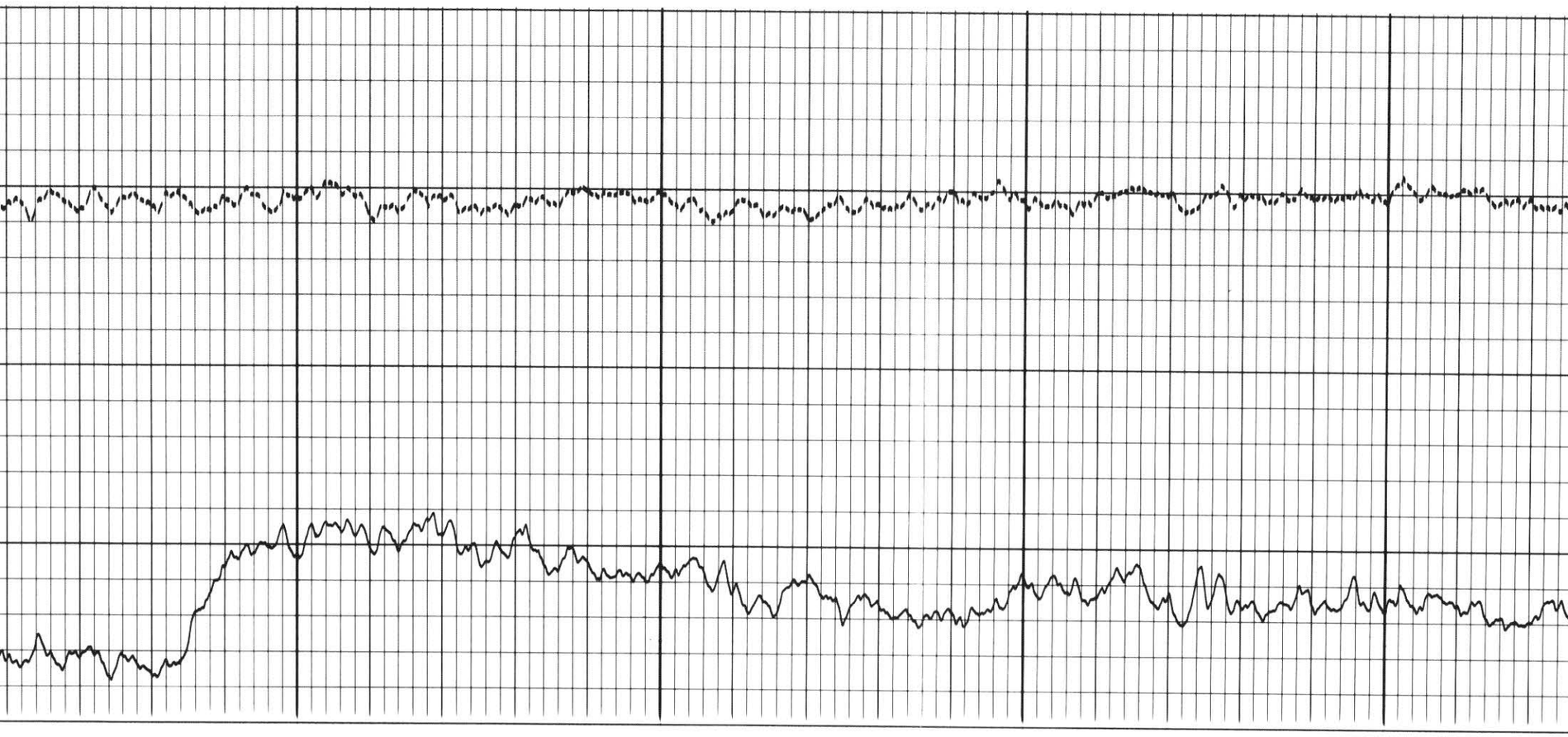


1100

1200




1300
1400



1500

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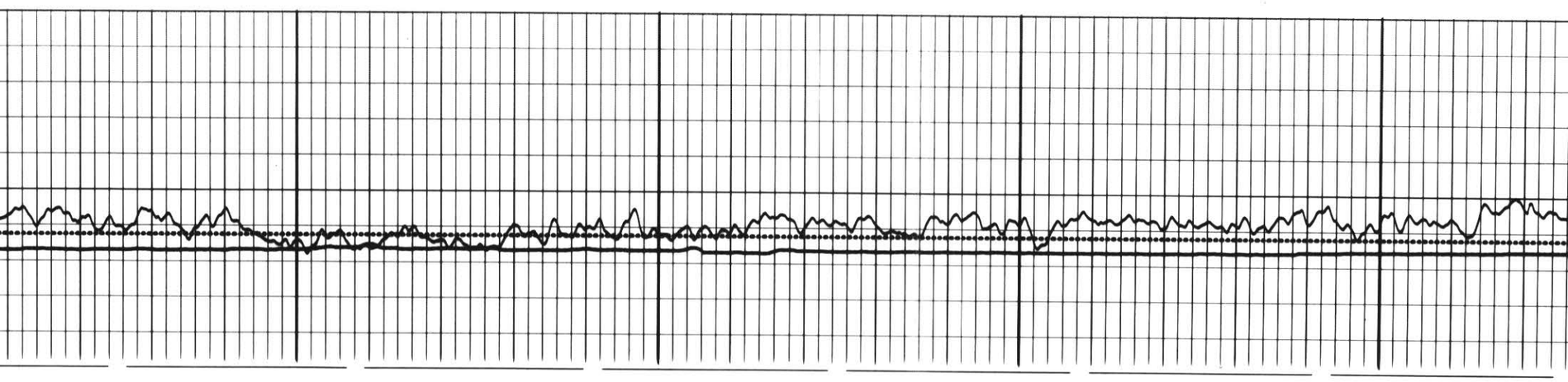

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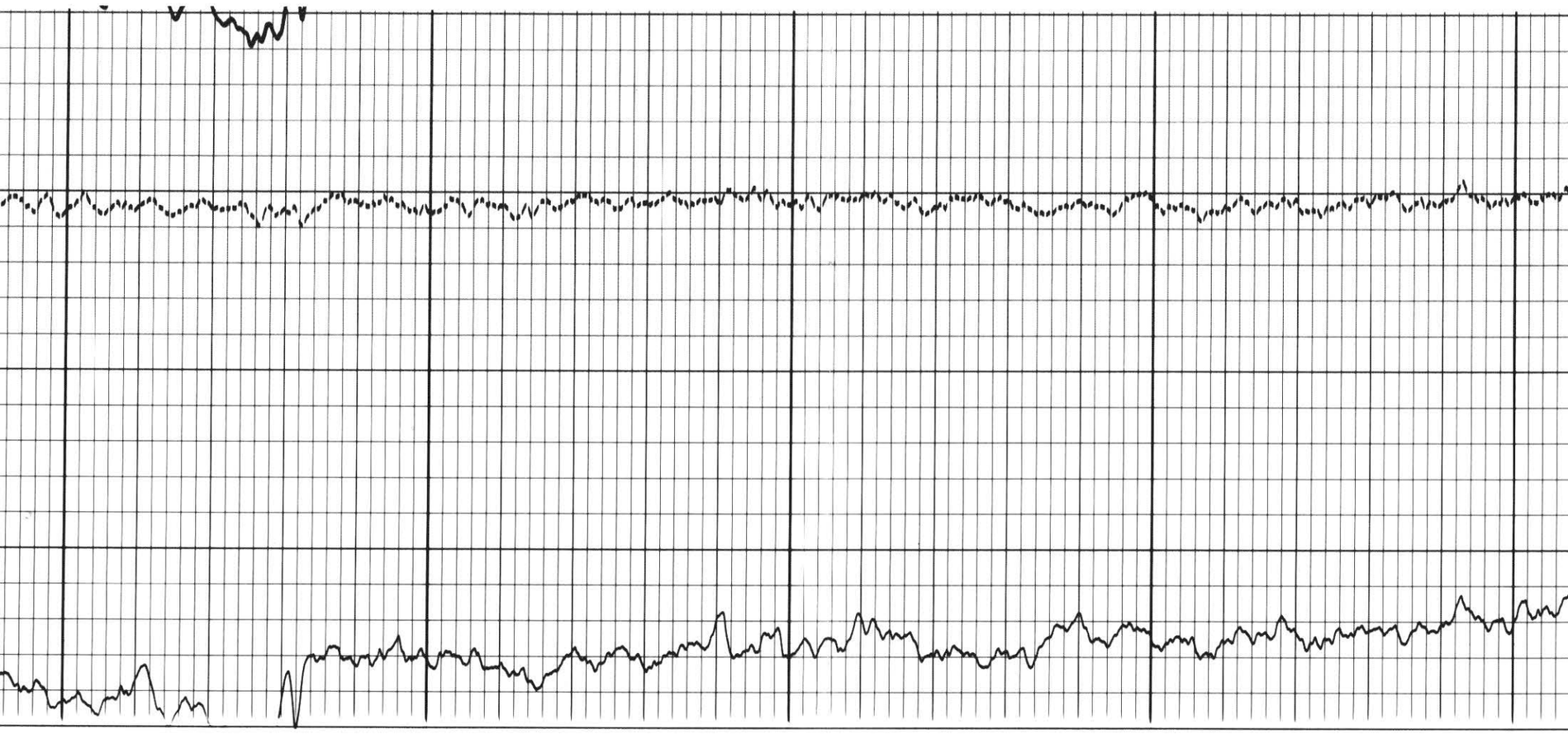
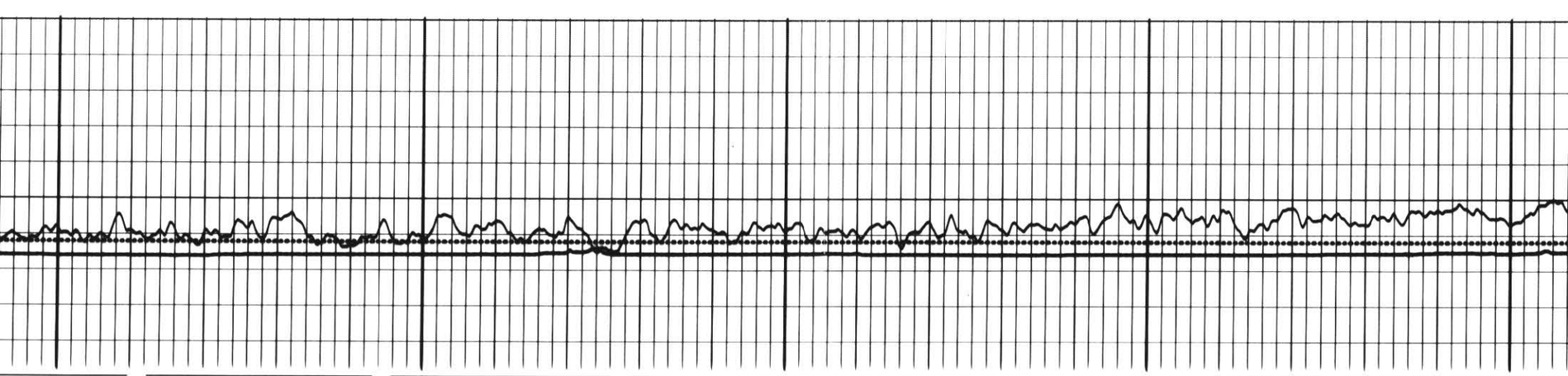
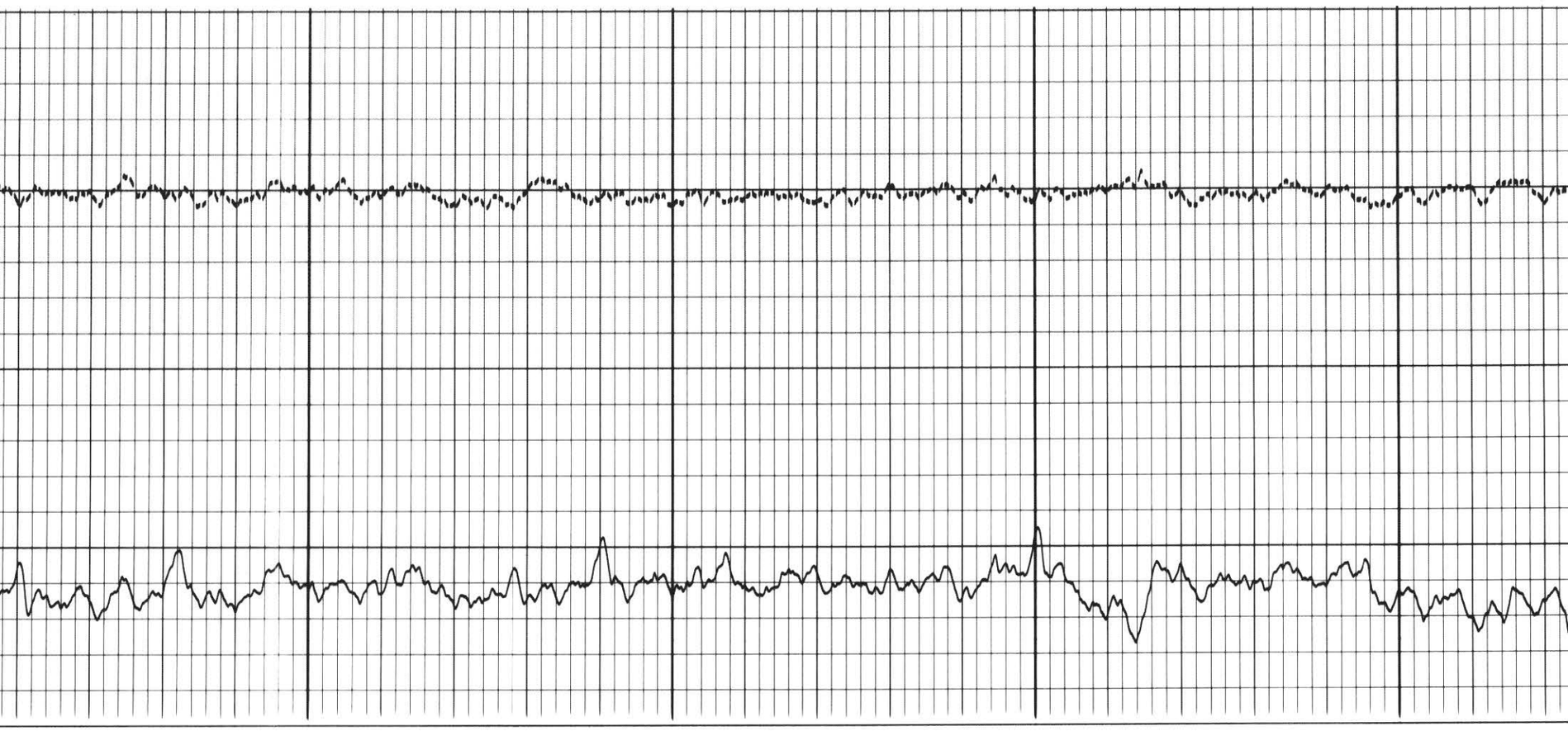
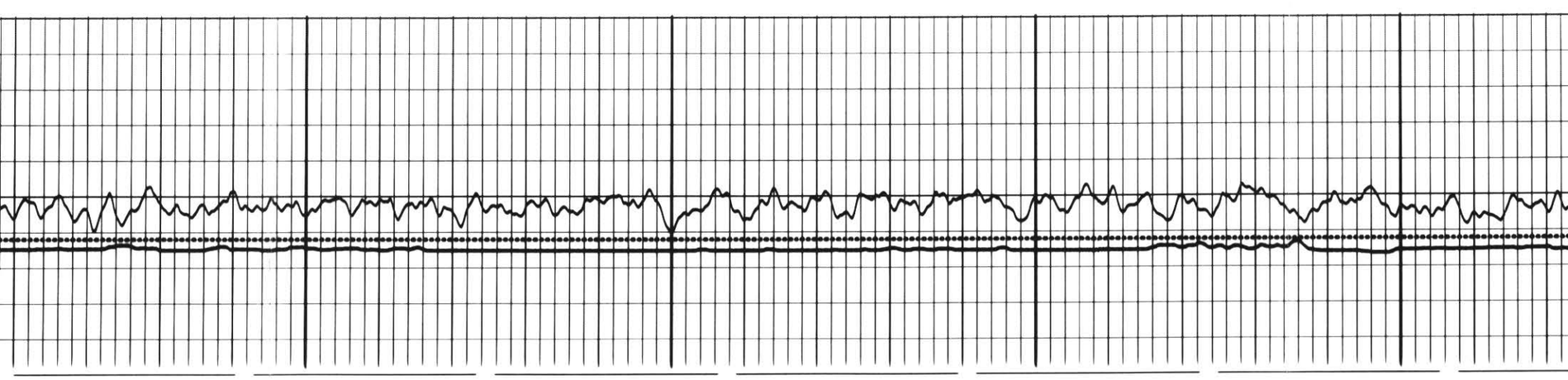


1900 2000 2100

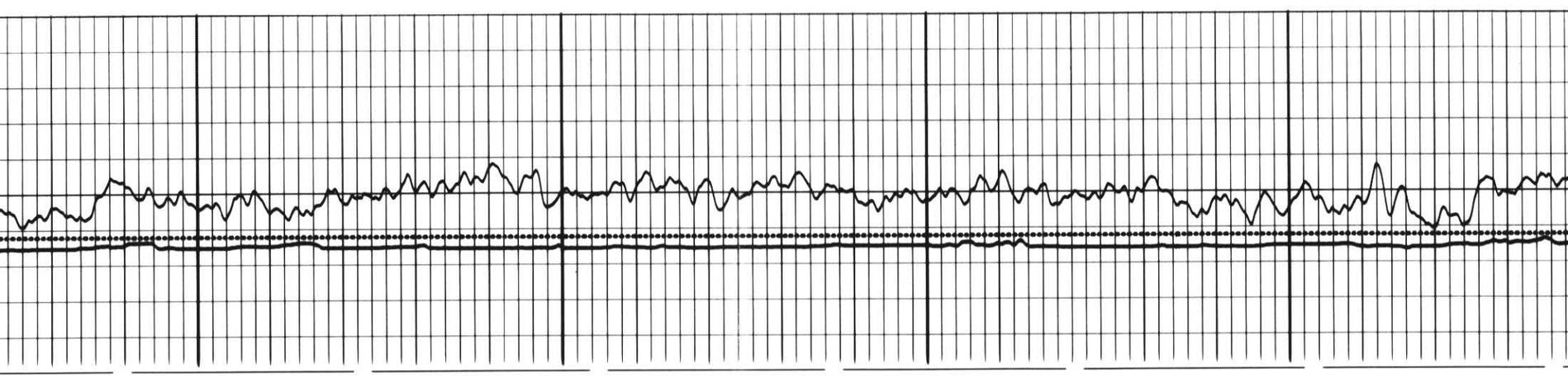


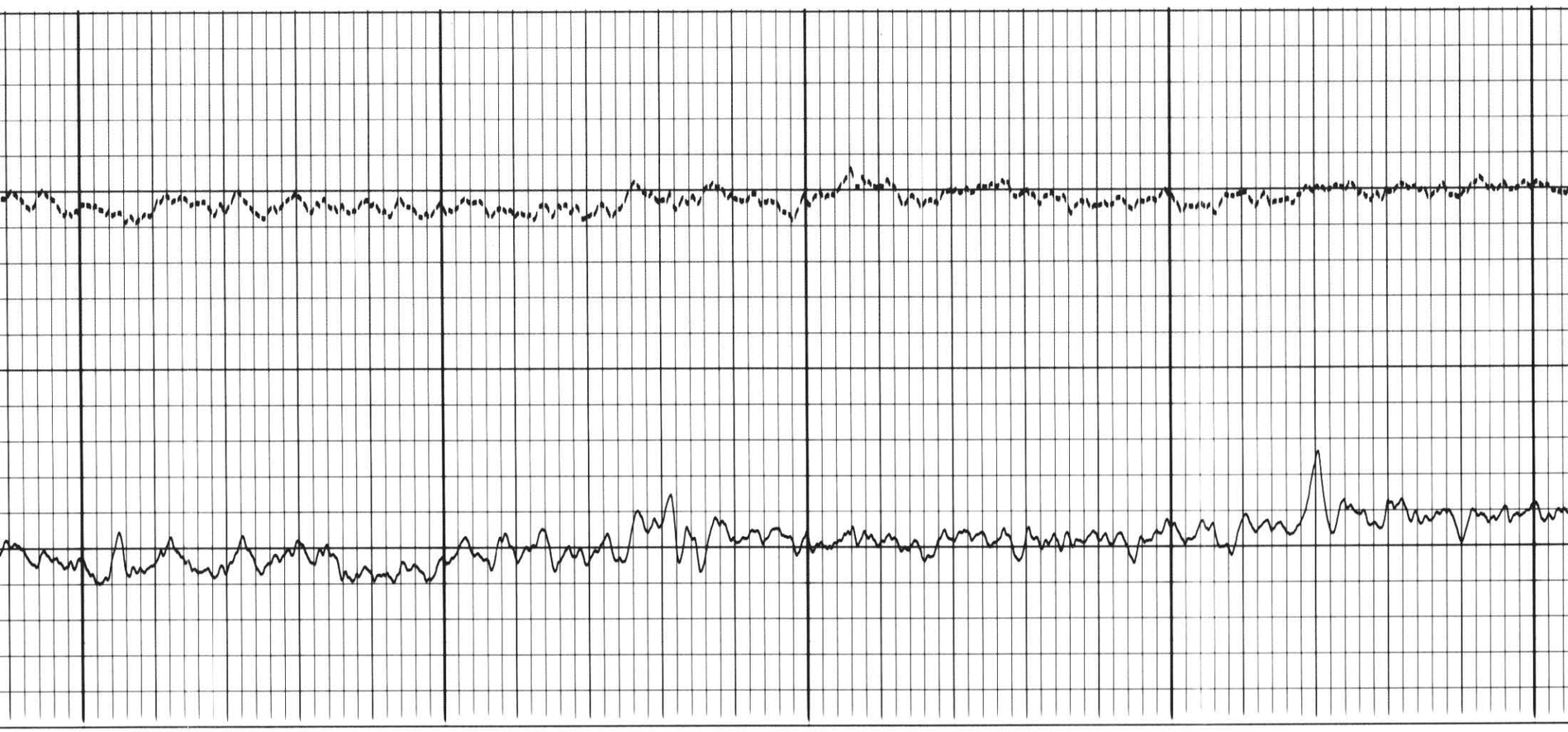


2200 2300



2400 2500





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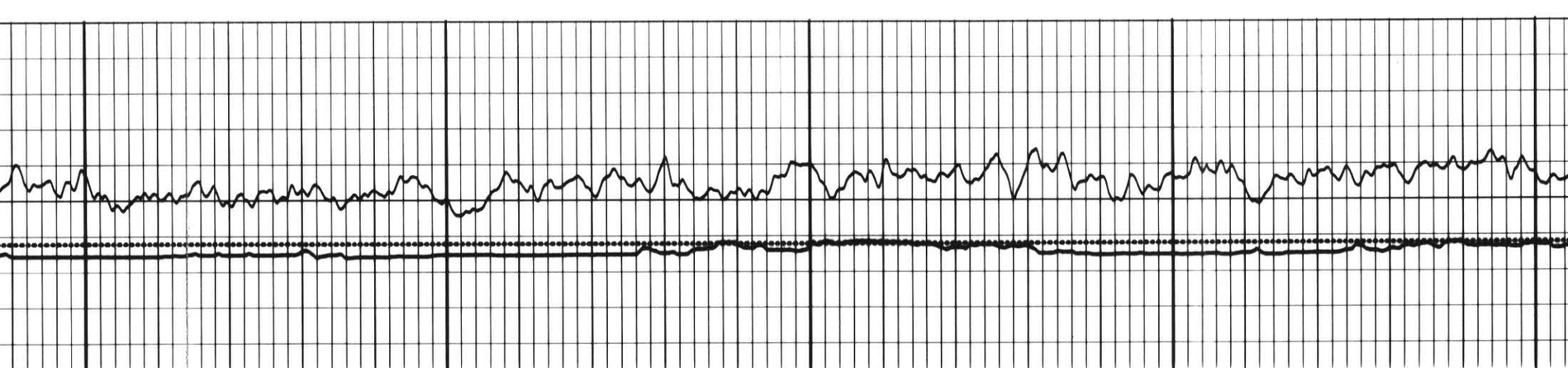

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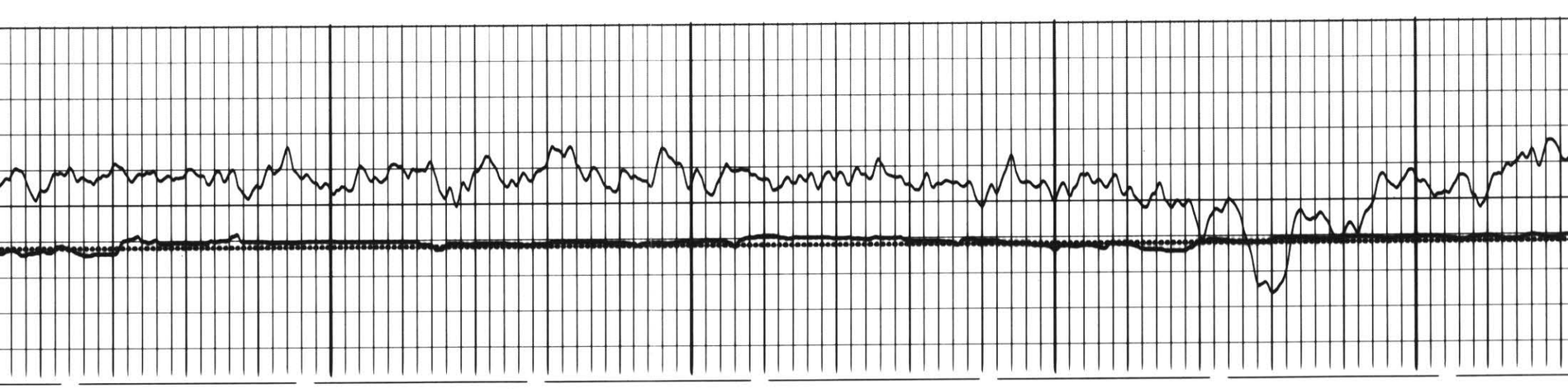
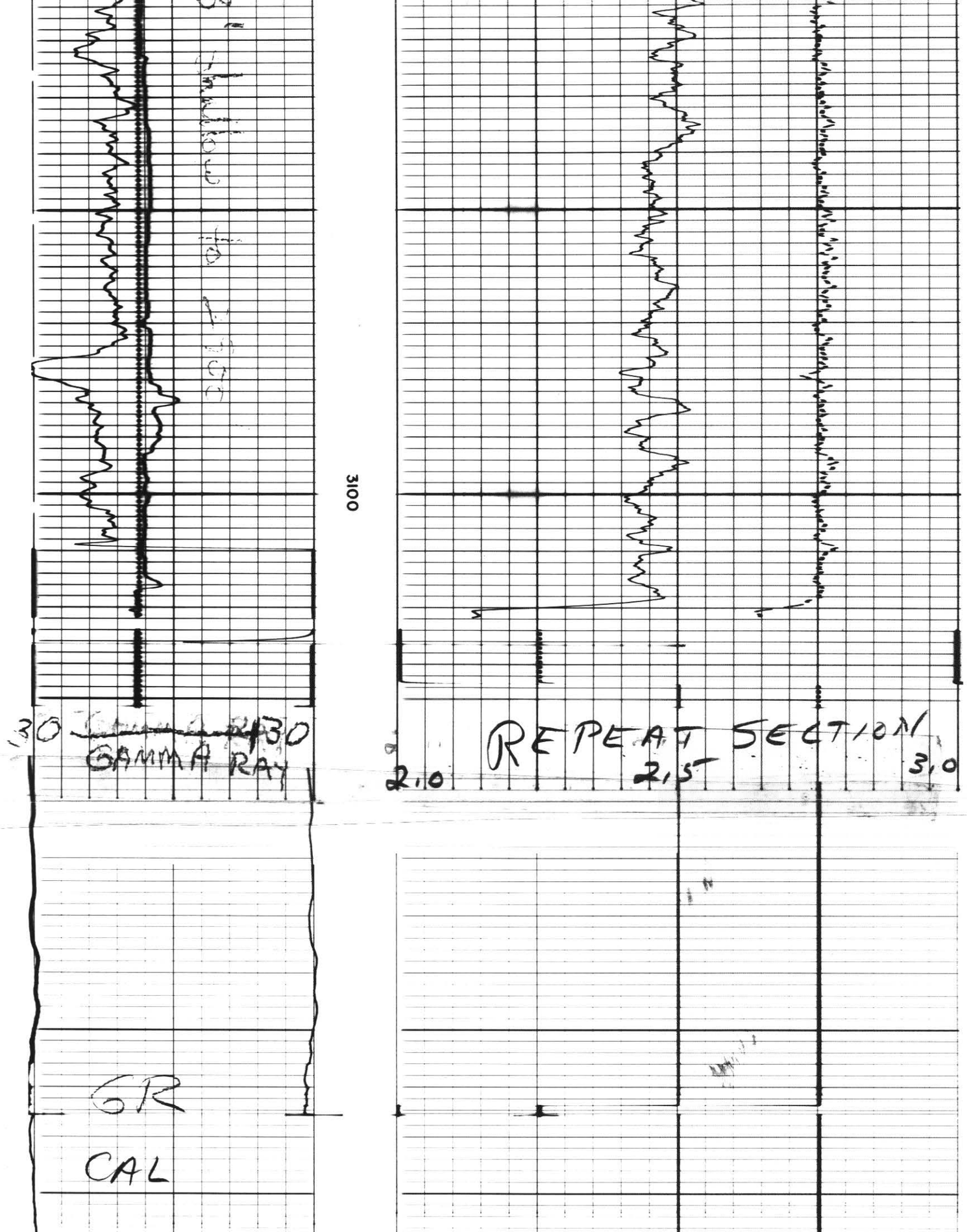
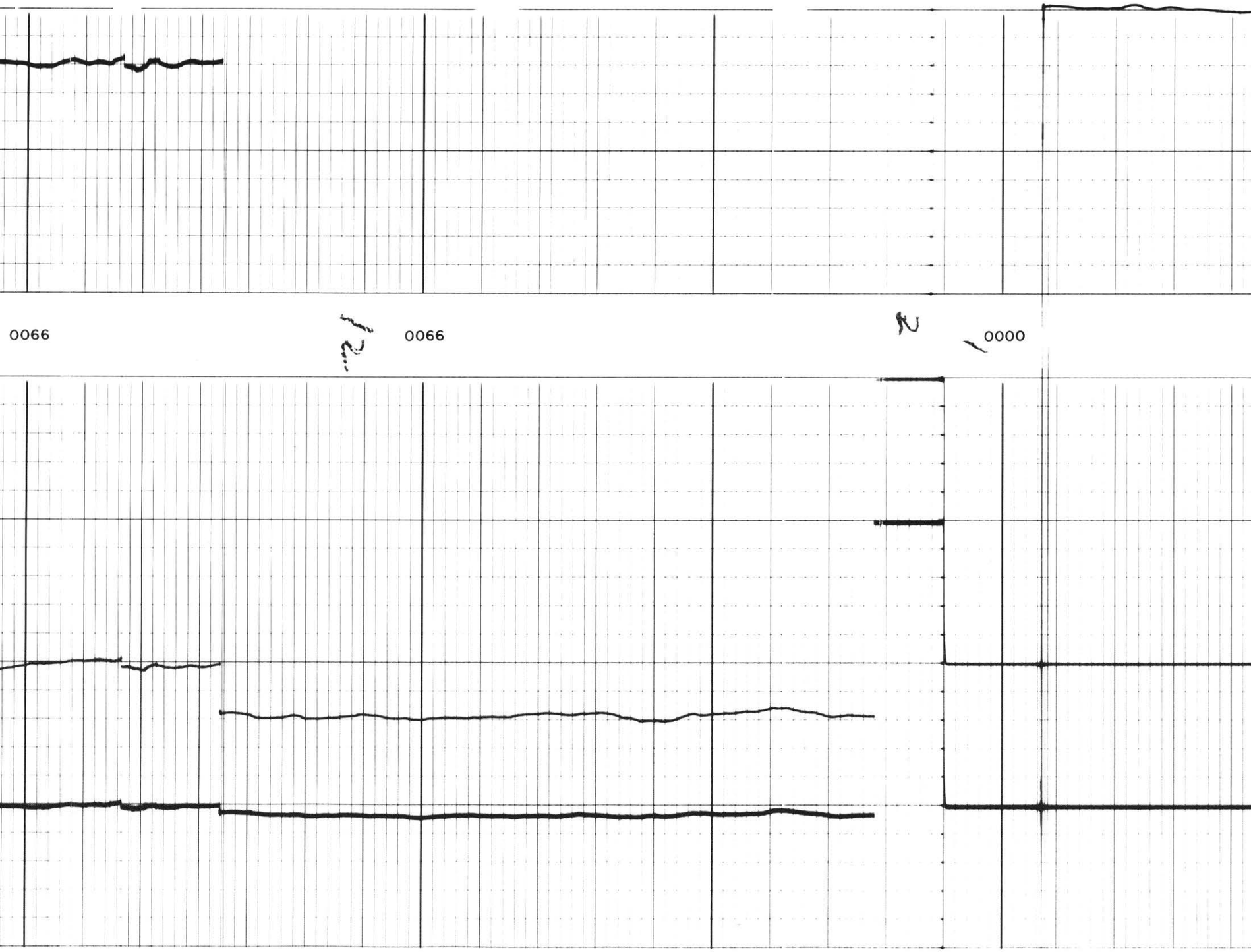


3000
3100
0
100
2.0
2.5
3.0
REPEAT

2800
SECTION
2900
3000
GK. Depths


3100
30
130
GAMMA RAY
REPEAT SECTION
2.0
2.5
3.0
GR
CAL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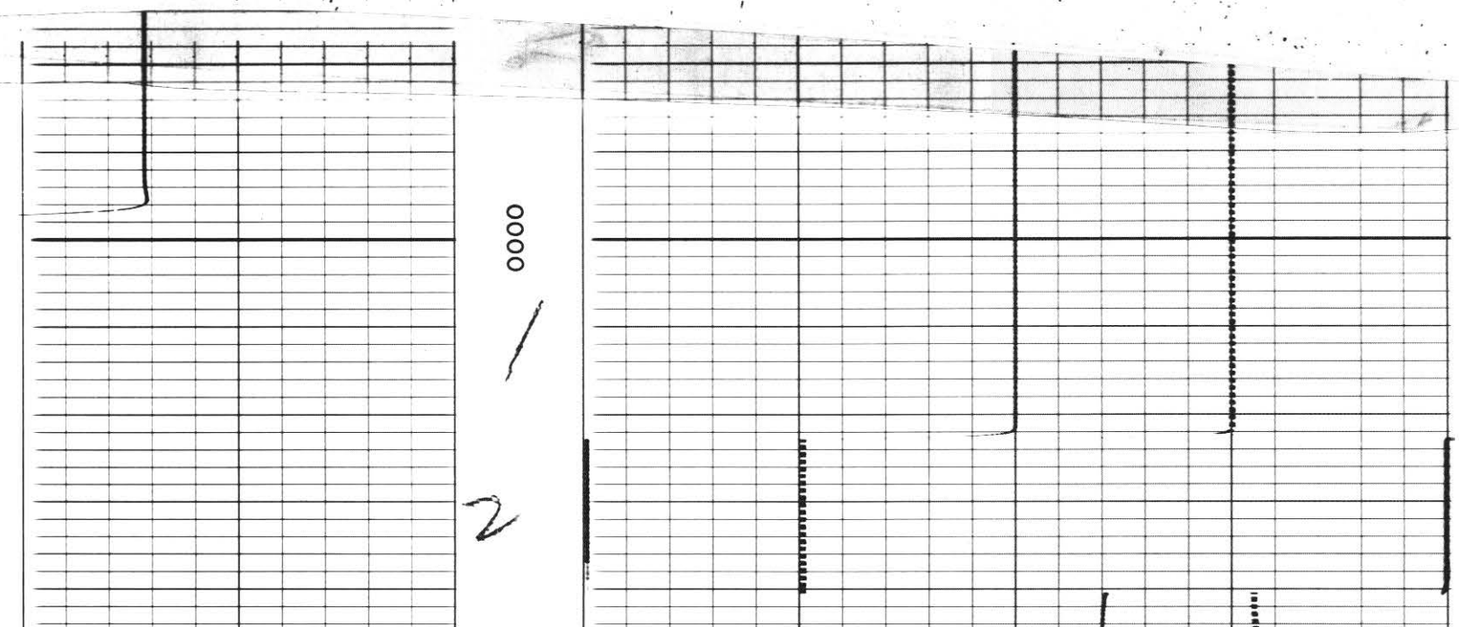
0066
0000

11
10
0000
2
1
BEFORE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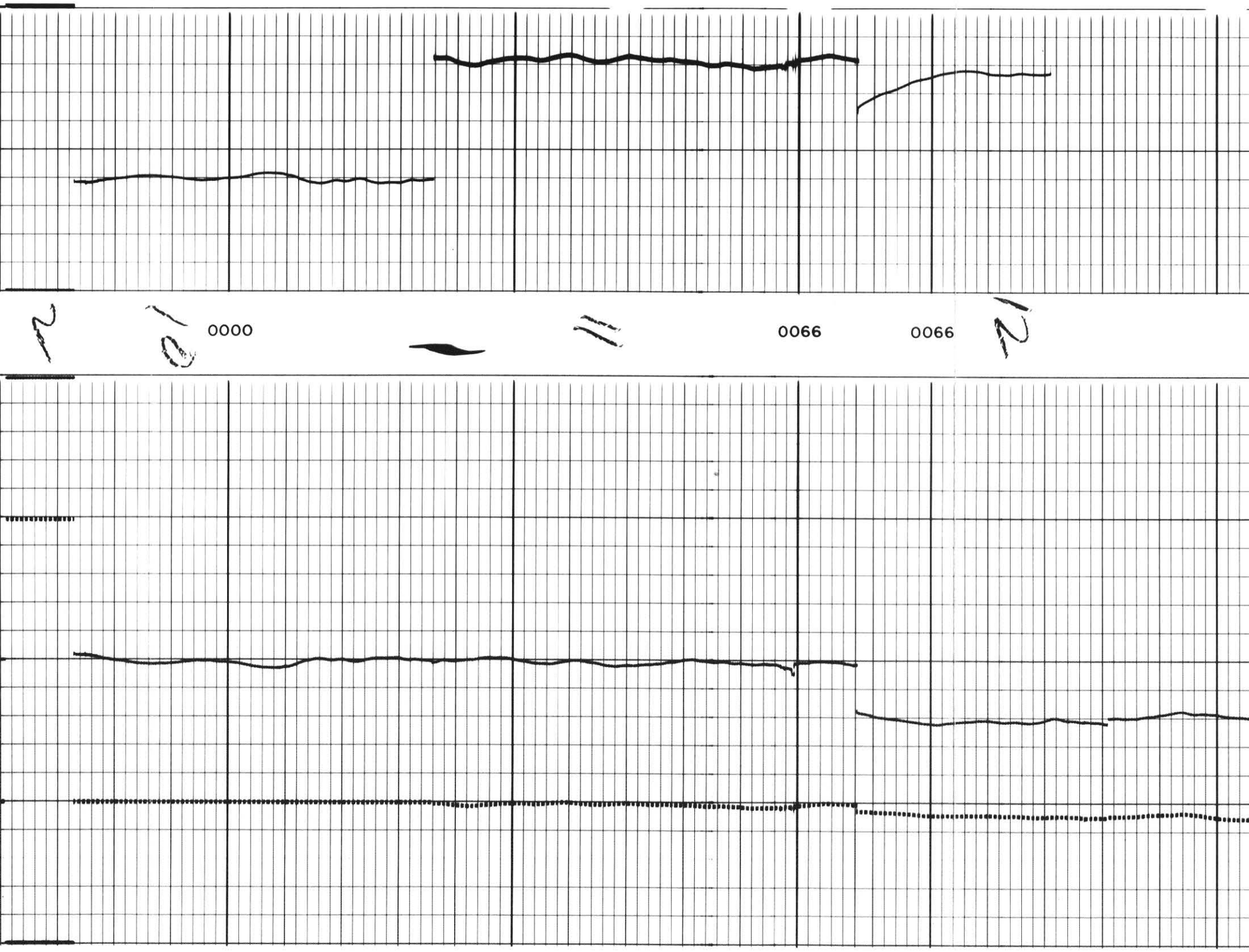
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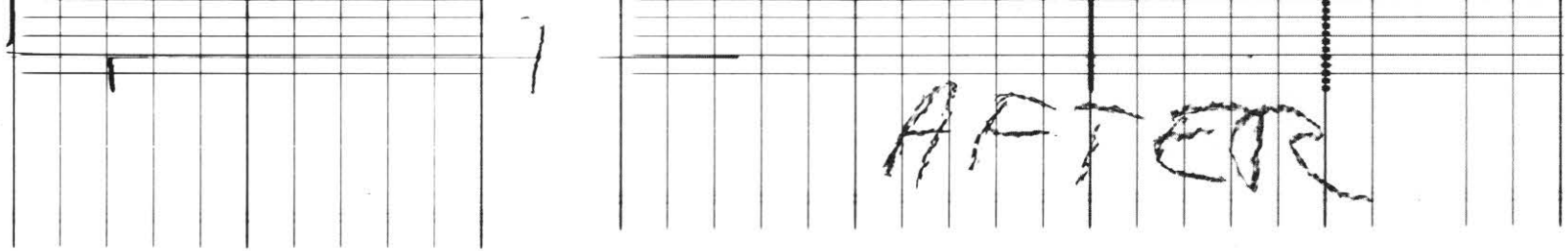
After