

**Schlumberger**

COMPENSATED  
**FORMATION DENSITY LOG**  
SCHLUMBERGER OF CANADA  
Calgary, Alberta

PROVINCE YUKON TERRITORIES  
FIELD IOE SPRING RIVER YT  
WELL N-58  
COMPANY IMPERIAL OIL ENTERPRISES LTD.

COMPANY IMPERIAL OIL ENTERPRISES LTD.  
WELL IOE SPRING RIVER YT  
FIELD N-58  
PROVINCE YUKON TERRITORIES  
LOCATION 69° 07' 53" N LAT  
138° 44' 05" W LONG  
Permanent Datum GL Elev. 304  
Log Measured From KB 14 Ft. Above Perm. Datum  
Other Services: DIL, SLC-GR, HRT, HDT, LCS, DCS  
ELEV: KB 318  
GL 304  
CBF

Date	14 MAR 71
Run No.	ONE
First Reading	6992
Last Reading	1978
Feel Measured	5014
Depth Reached	6993
Bottom Driller	7009
Csg. SOC	1978
Csg. Driller	1979
Mud Nature	GEL
Dens. Visc.	9.2
Mud pH	9.5
Water Loss	
Res.	1.97 @ 89 of
Rnt	1.94 @ 81 of
BHT	1.87 @ 84 of
ppm-Cl	
Bit Size	RMKS
Source to Detector	
Spacing	
Equipment Type	PGT-D
Op. Rig Time	5 HRS
Truck No.	OSU-C 363 REM
Recorded By	NICKERSON
Witness	KAP JACK & STAPLES

1 of

5 APR 71 CAL EMP

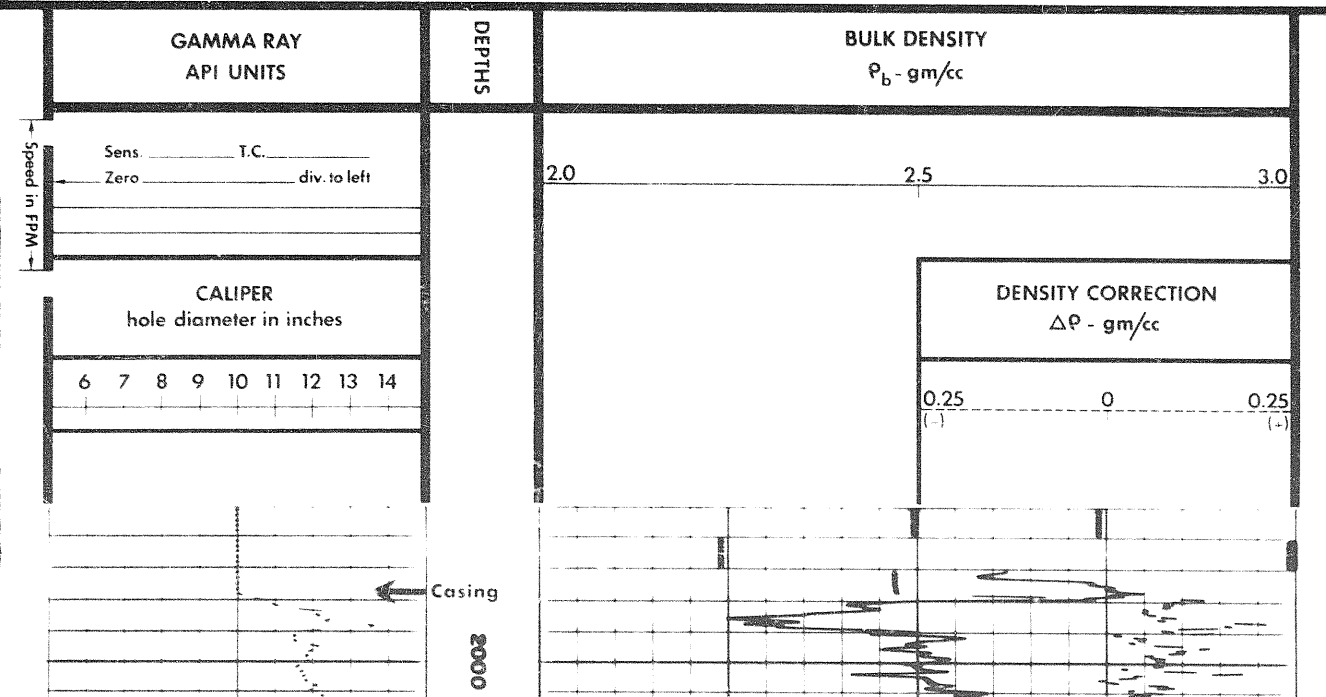
REMARKS  
Drilling Stopped 1900 / 13th : Circulation Stopped 1900 / 13th : Tool on Bottom 1500 / 14th : 1st Run Service Order # 5697  
B.H.T. RMKS of

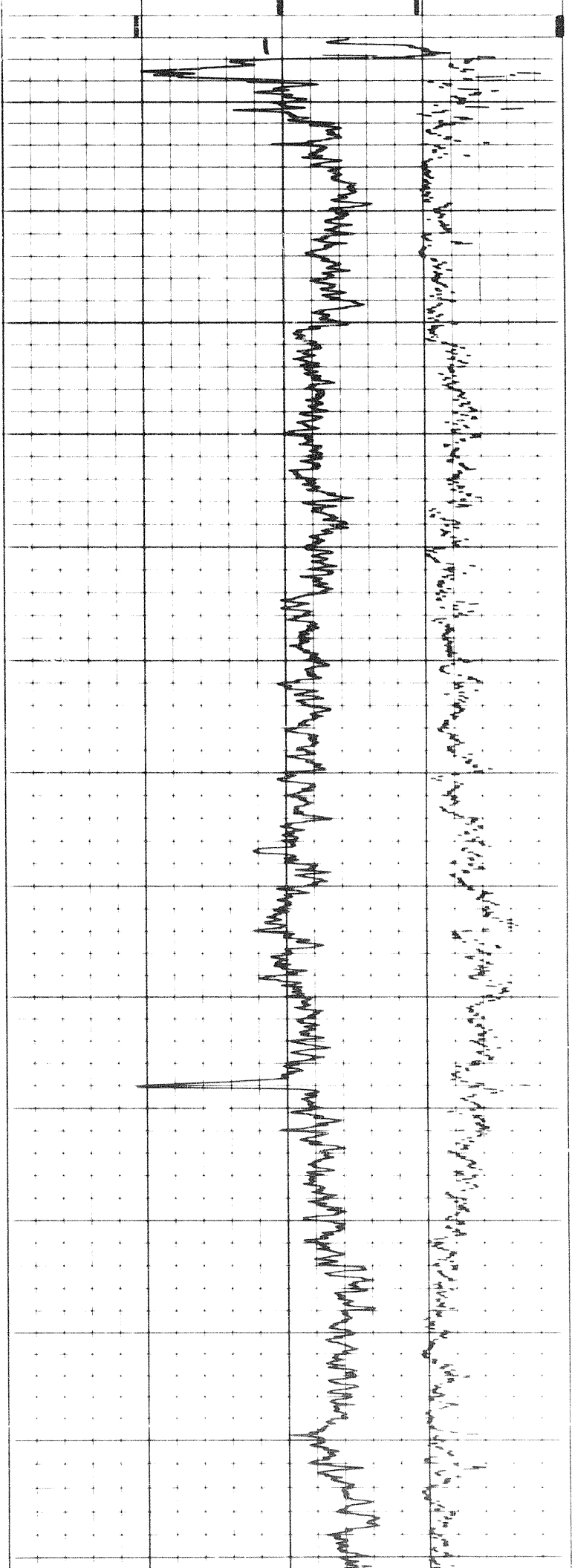
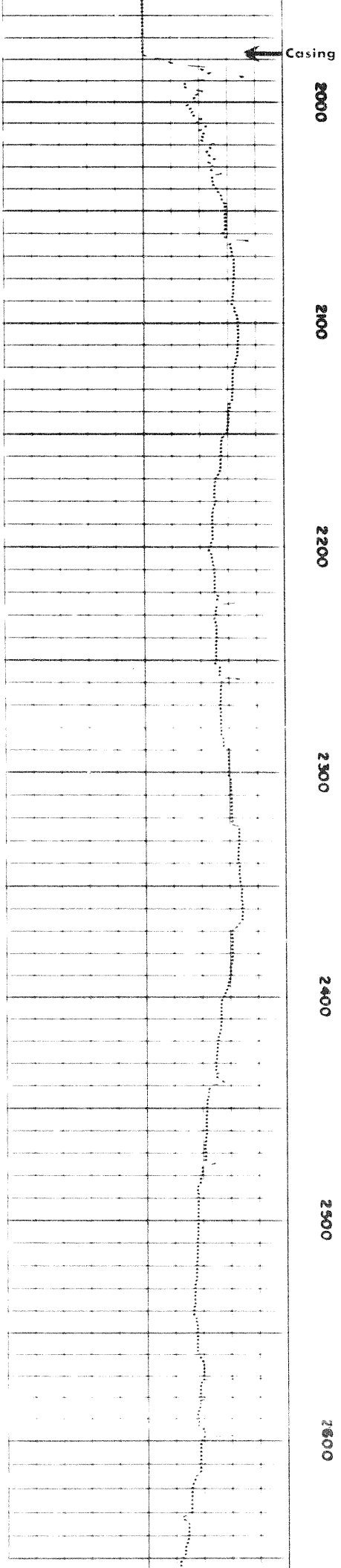
Panel No. D 302  
Cartridge No. A 268  
Sonde No. E 88  
Detector No. D 390

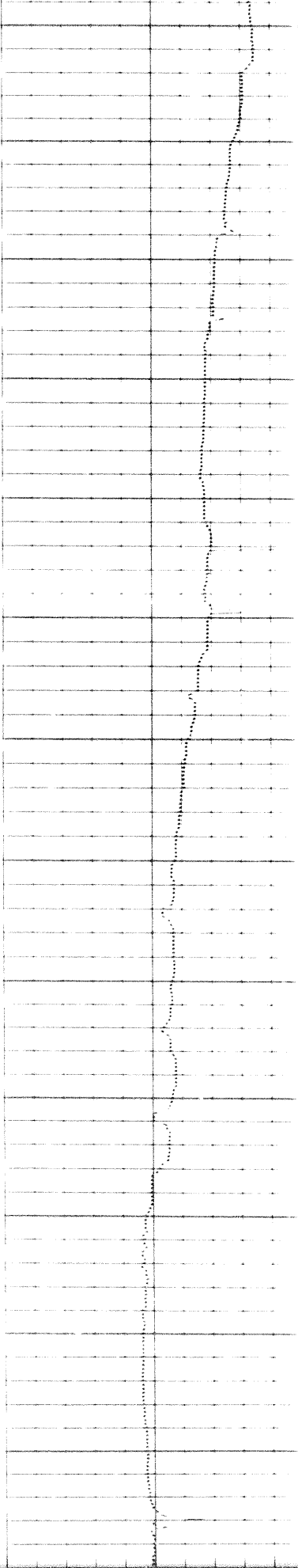
BHT:  
TEMPERATURE RECORDED 20° ABOVE FIRST READING = 1555 / 14th.  
TEMPERATURE FROM VELOCITY SURVEY 117°F = 6950' = 1245 / 14th

BIT SIZE:  
9 1/2" - 6998  
8 11/16" - 7009

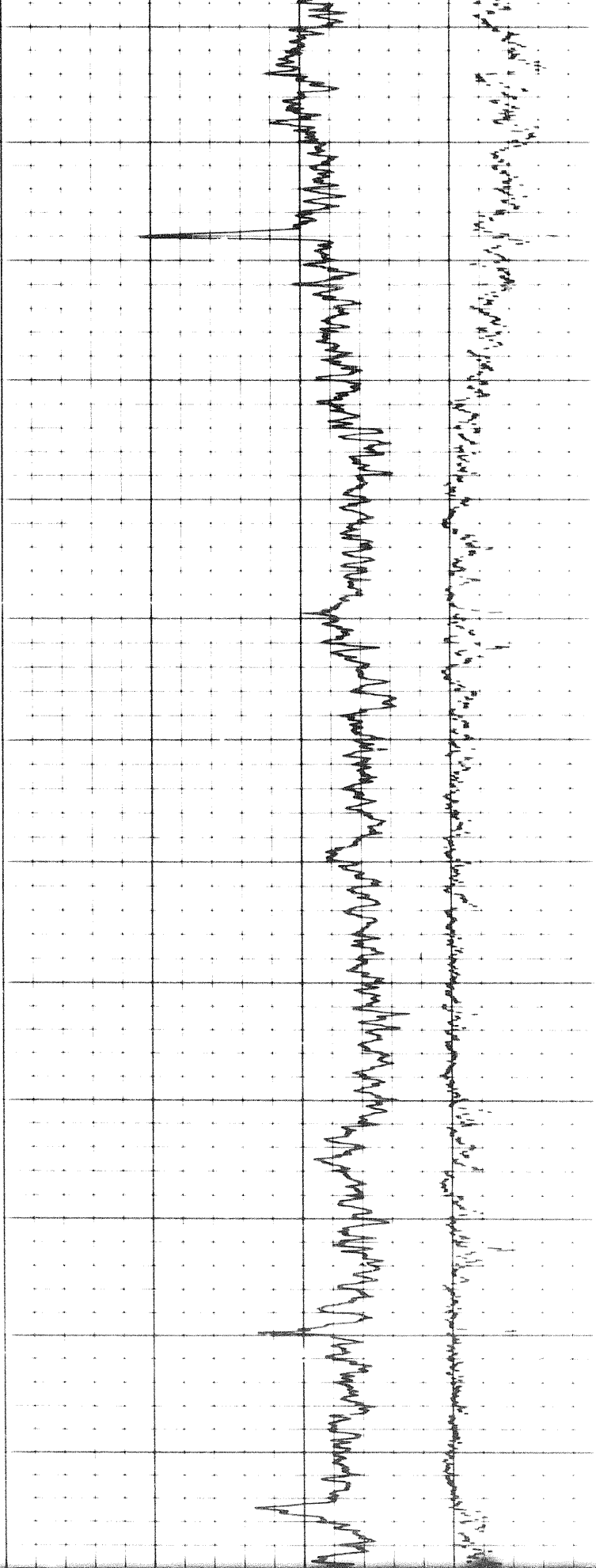
CALIBRATION: Background CPS Test Source CPS Galvanometer Deflection Div. Panel Sens. Tap for Cal.  
Gamma Ray



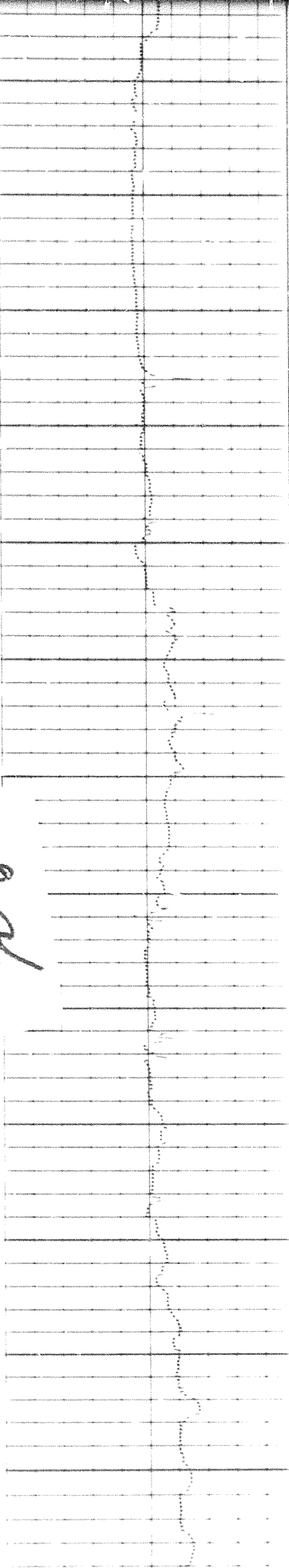




2400 2500 2600 2700 2800 2900 30



207



2800

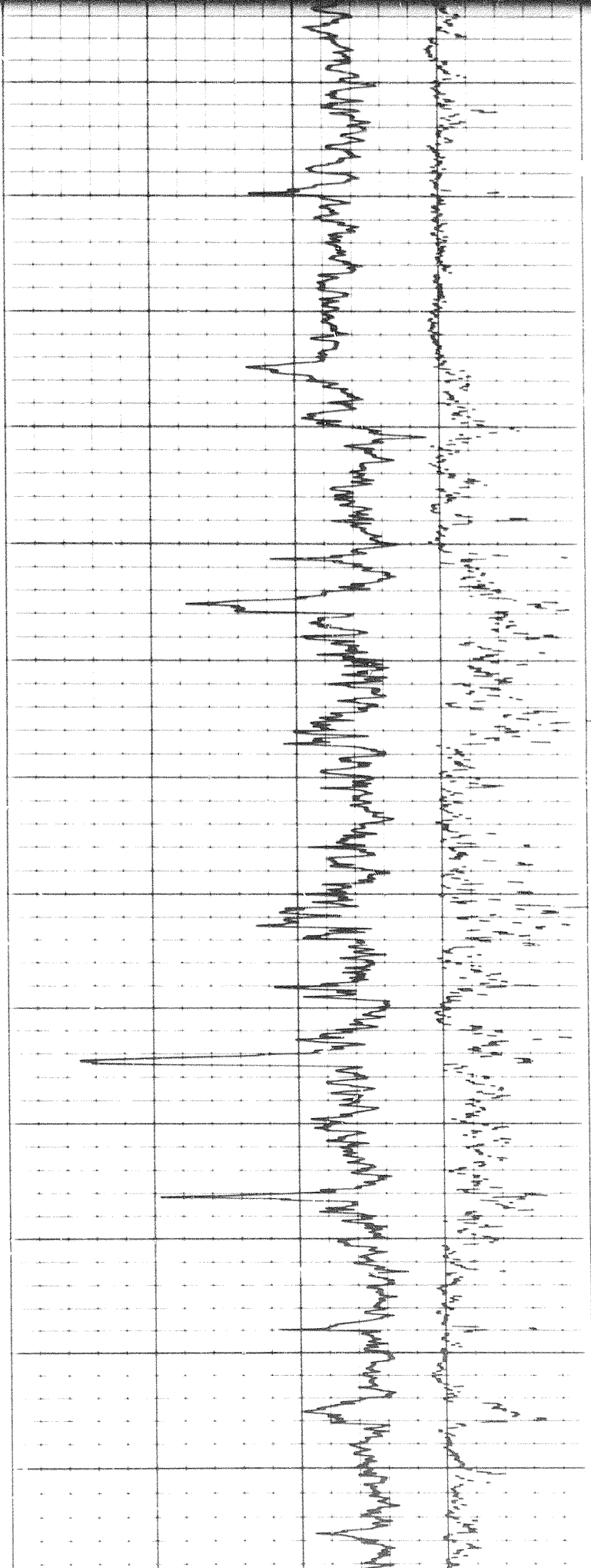
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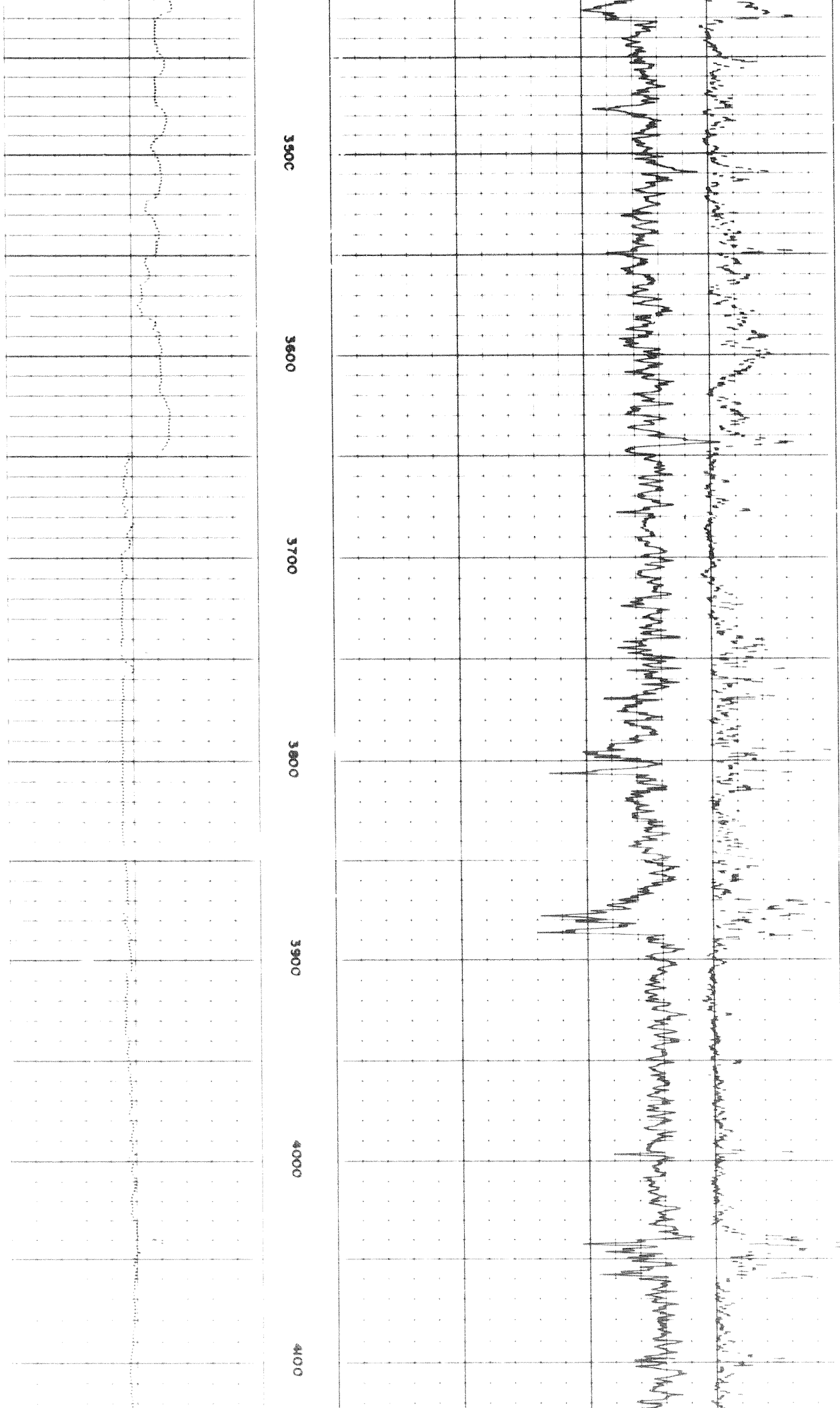
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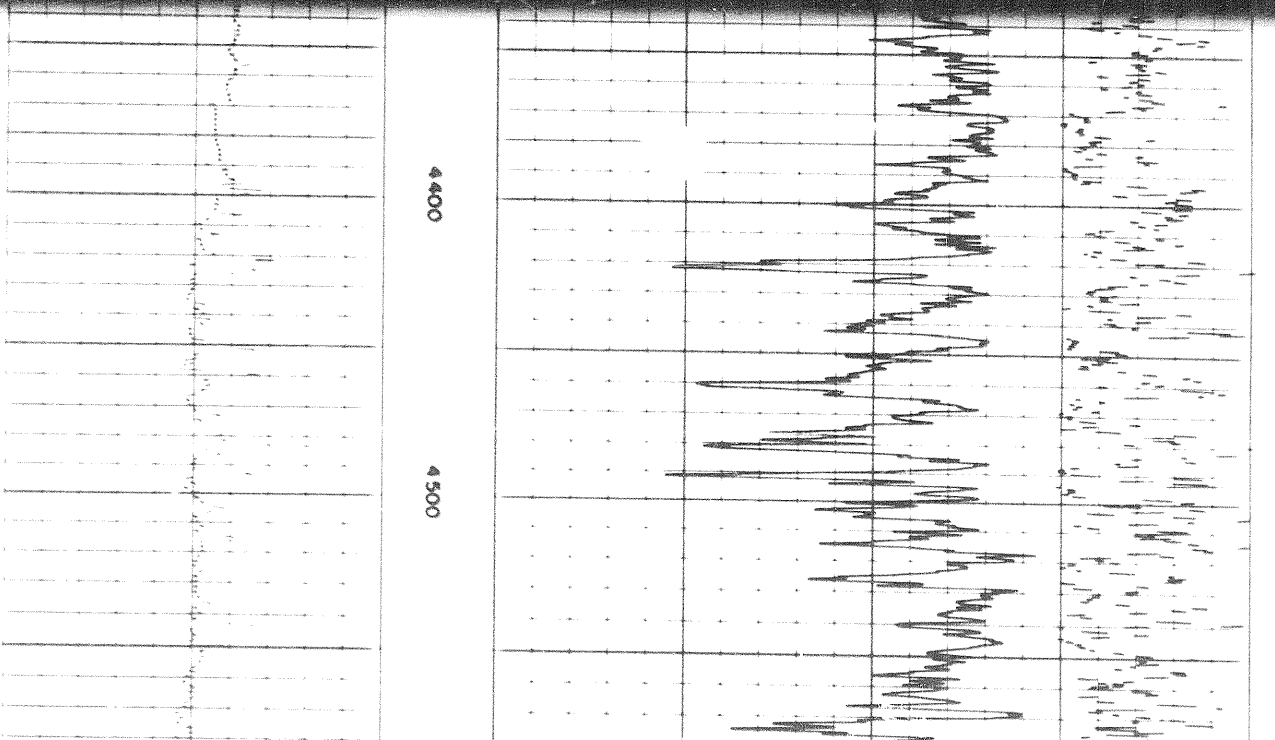
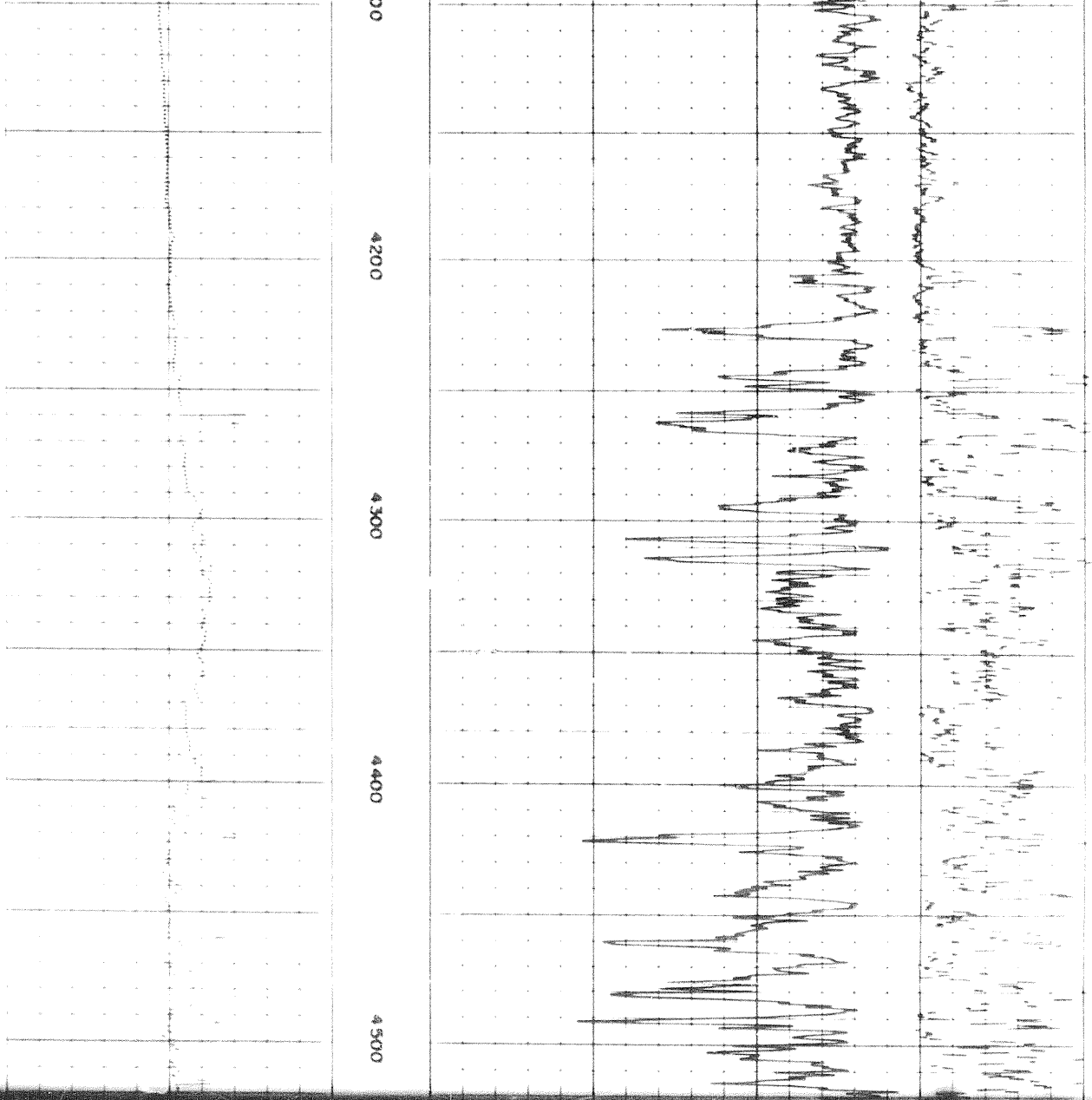
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3300

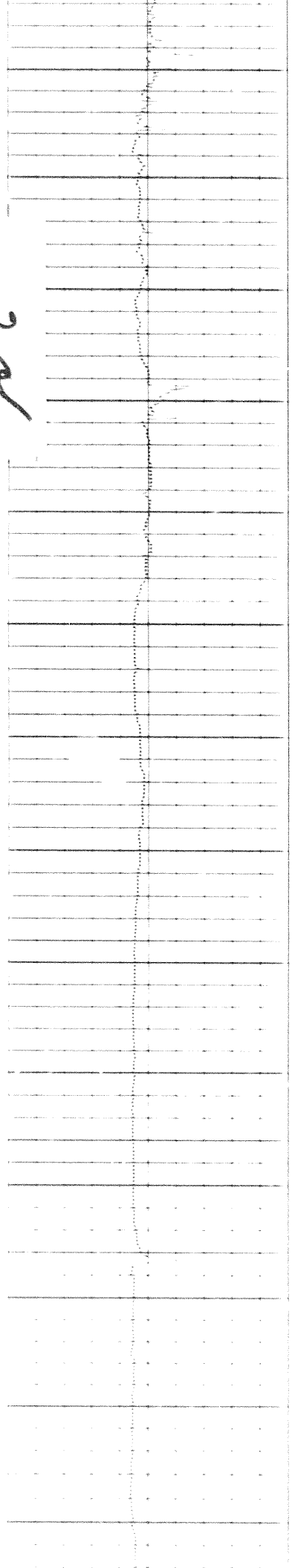
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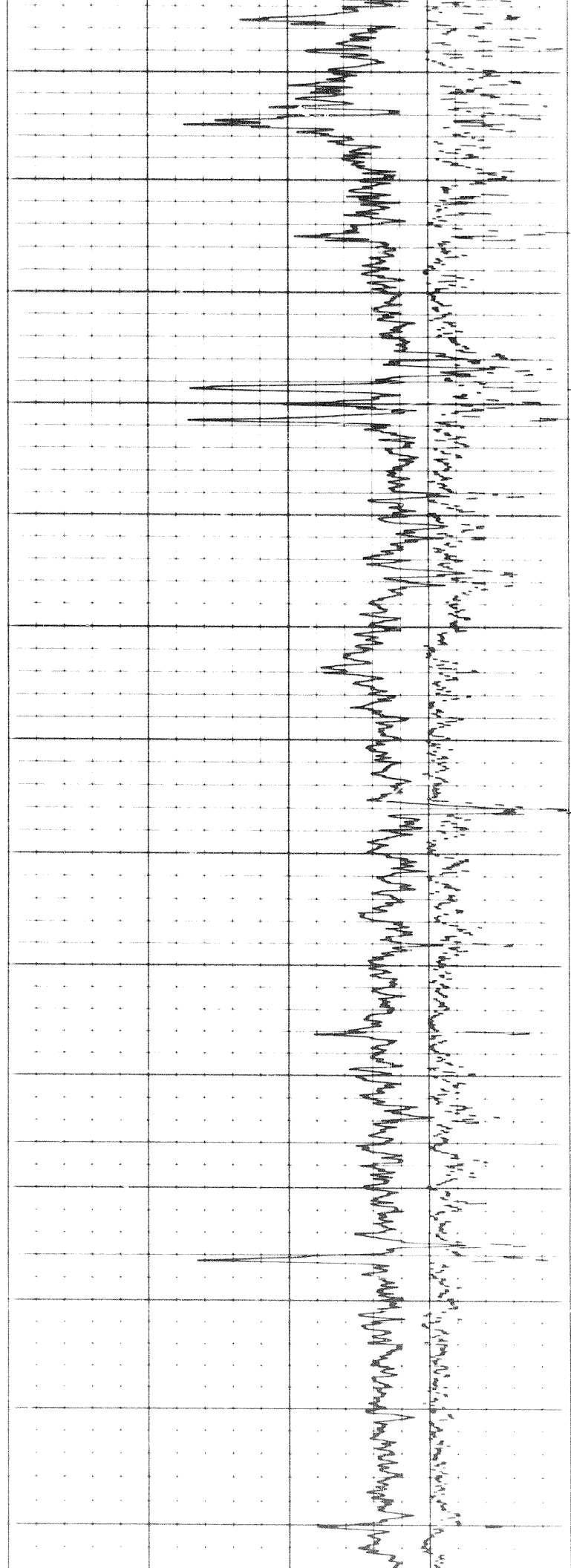


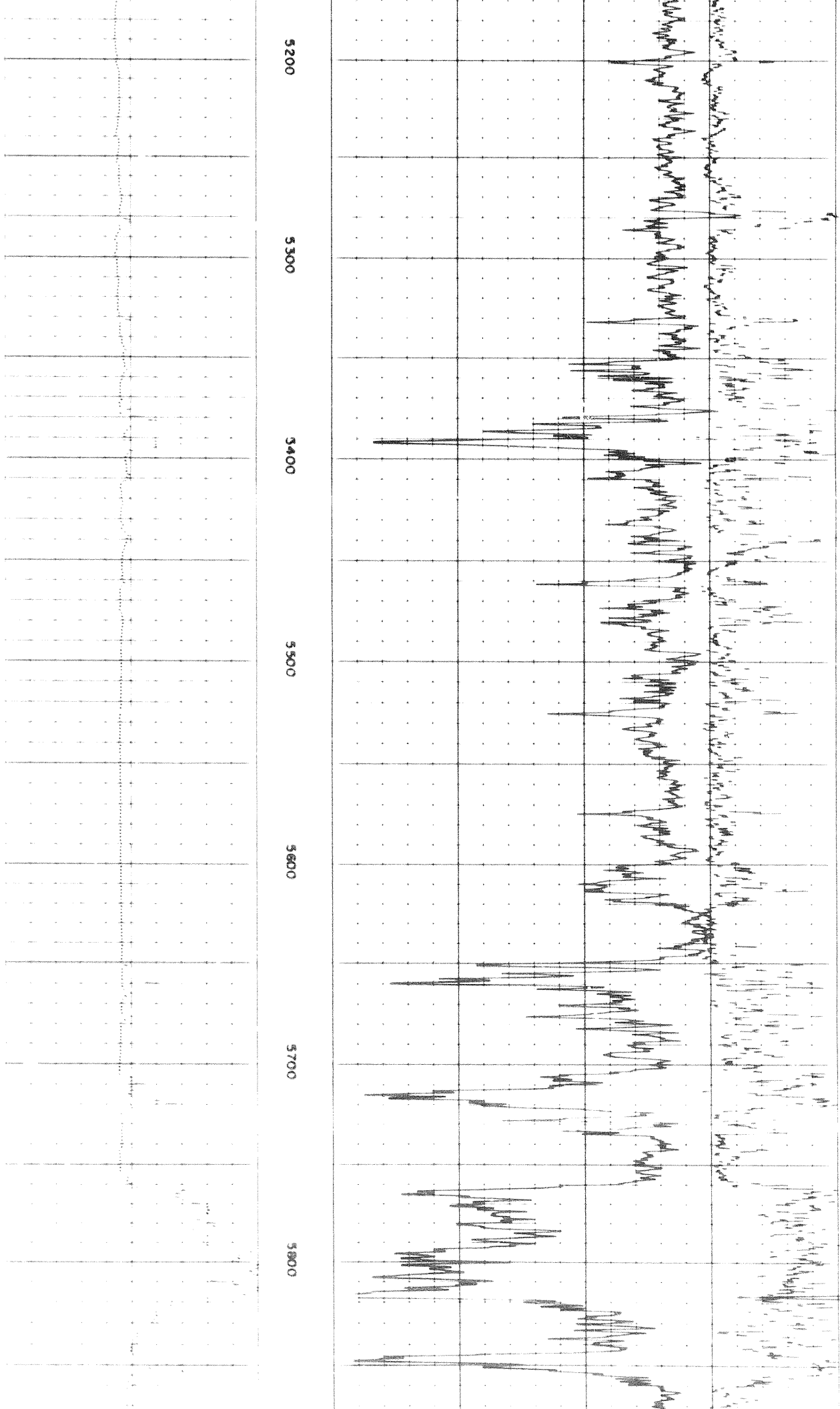


3 of



4600 4700 4800 4900 5000 5100 5200





5200

5300

5400

5500

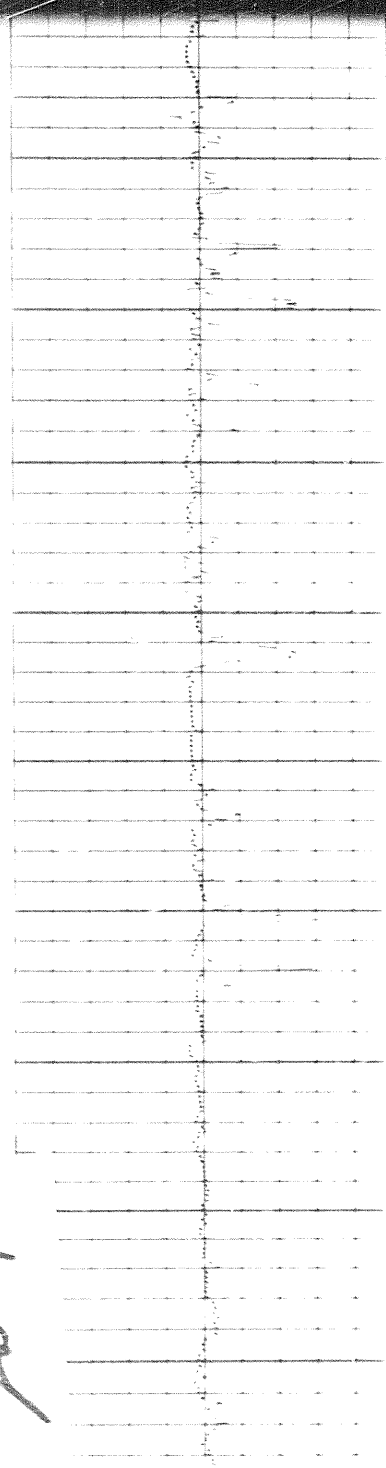
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5700

5800



4-07

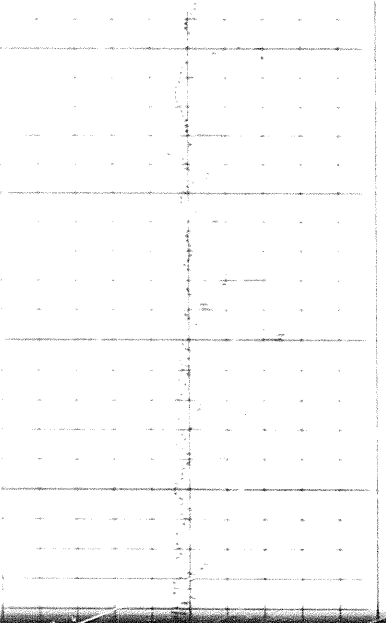
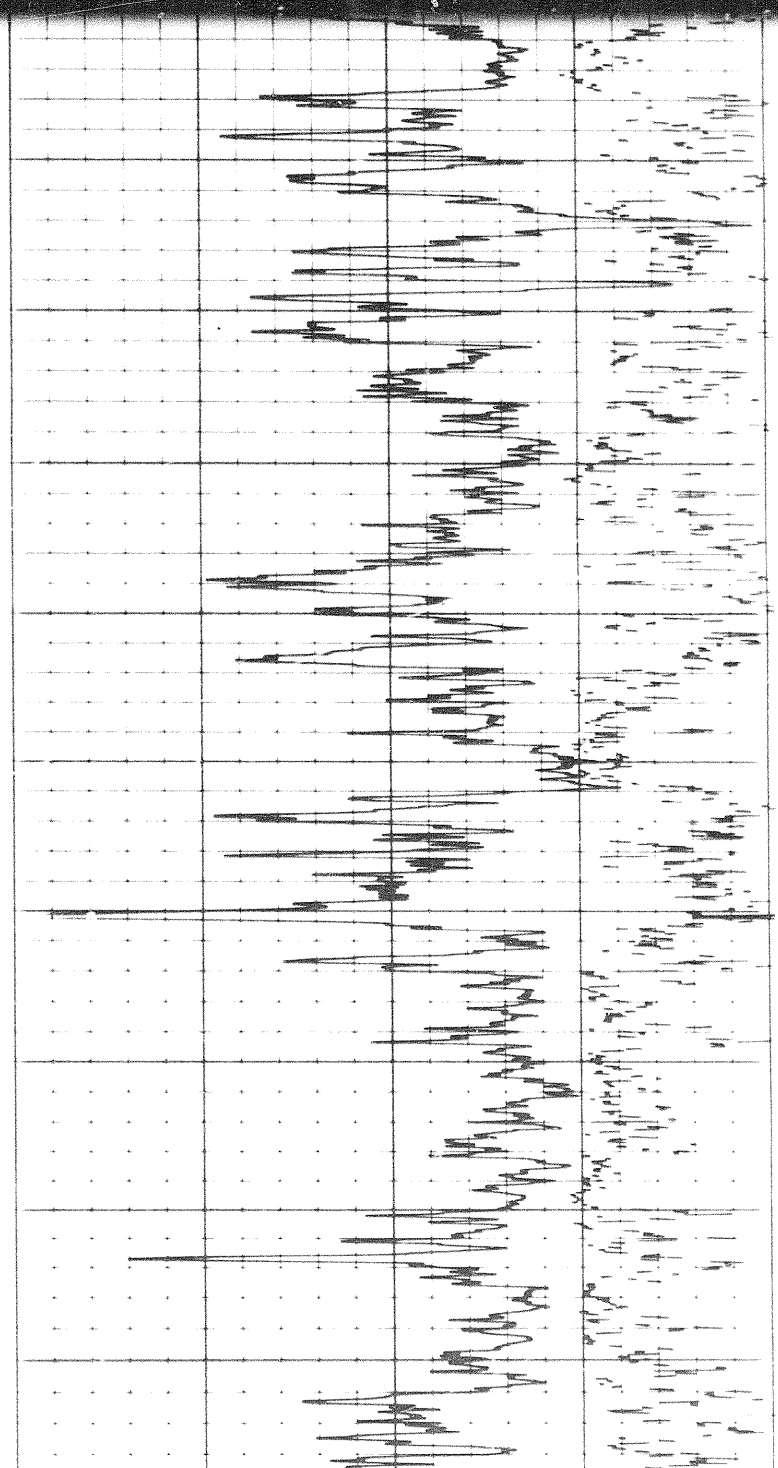


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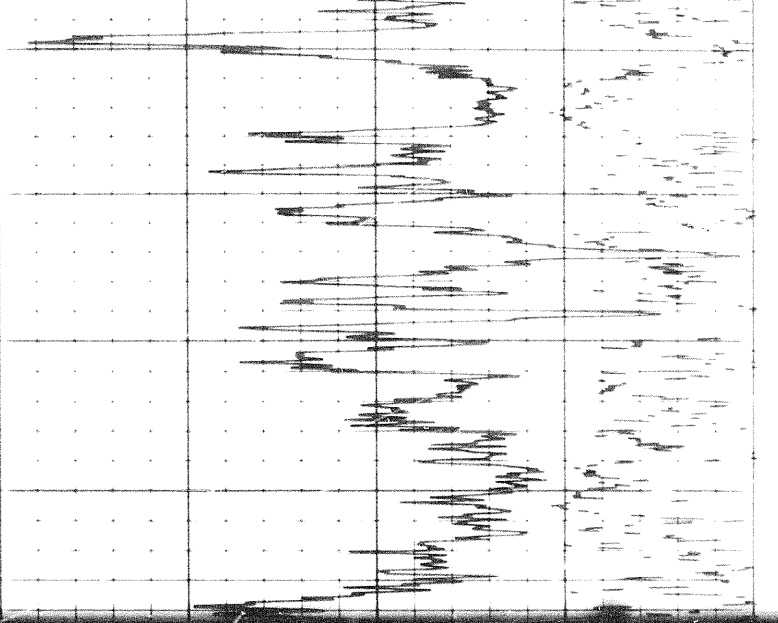
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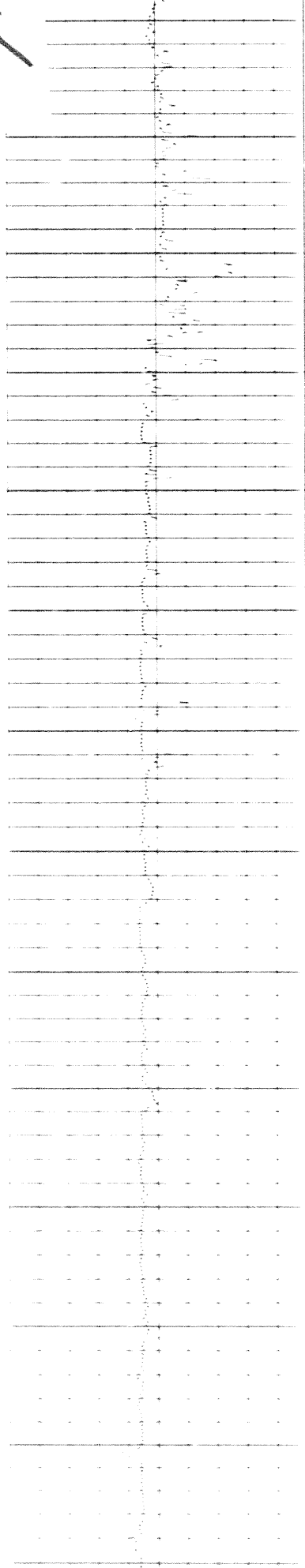
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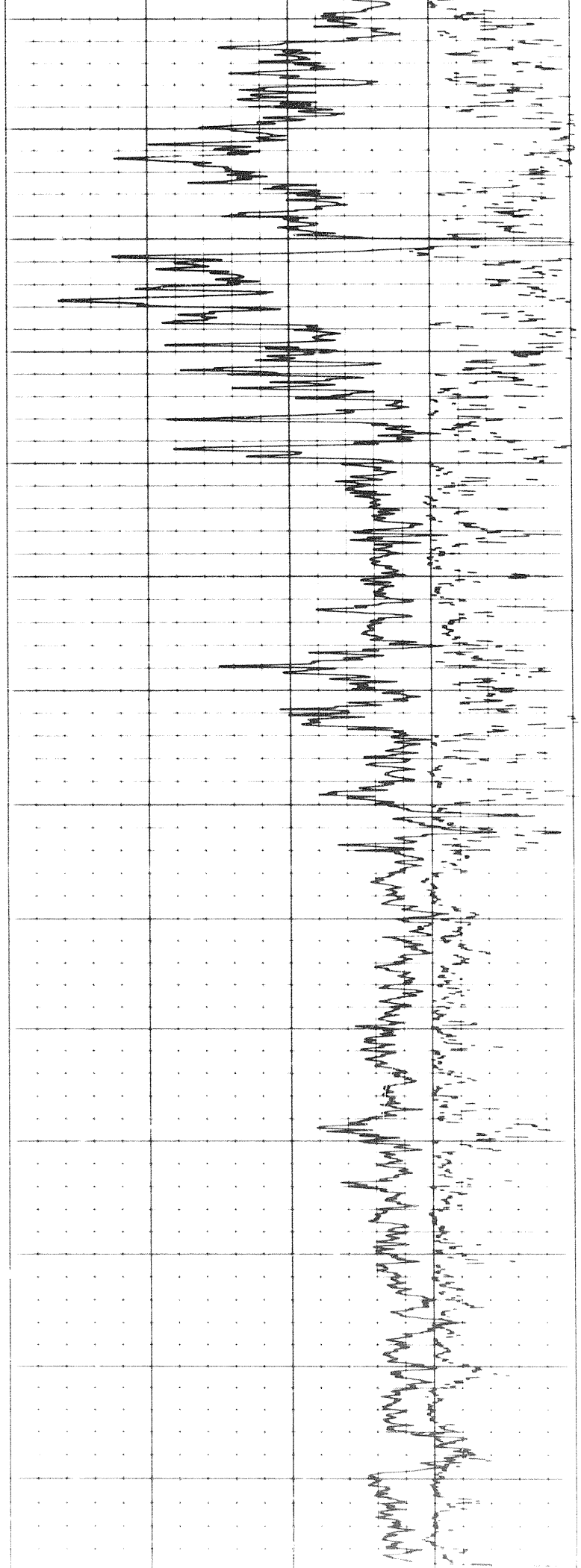
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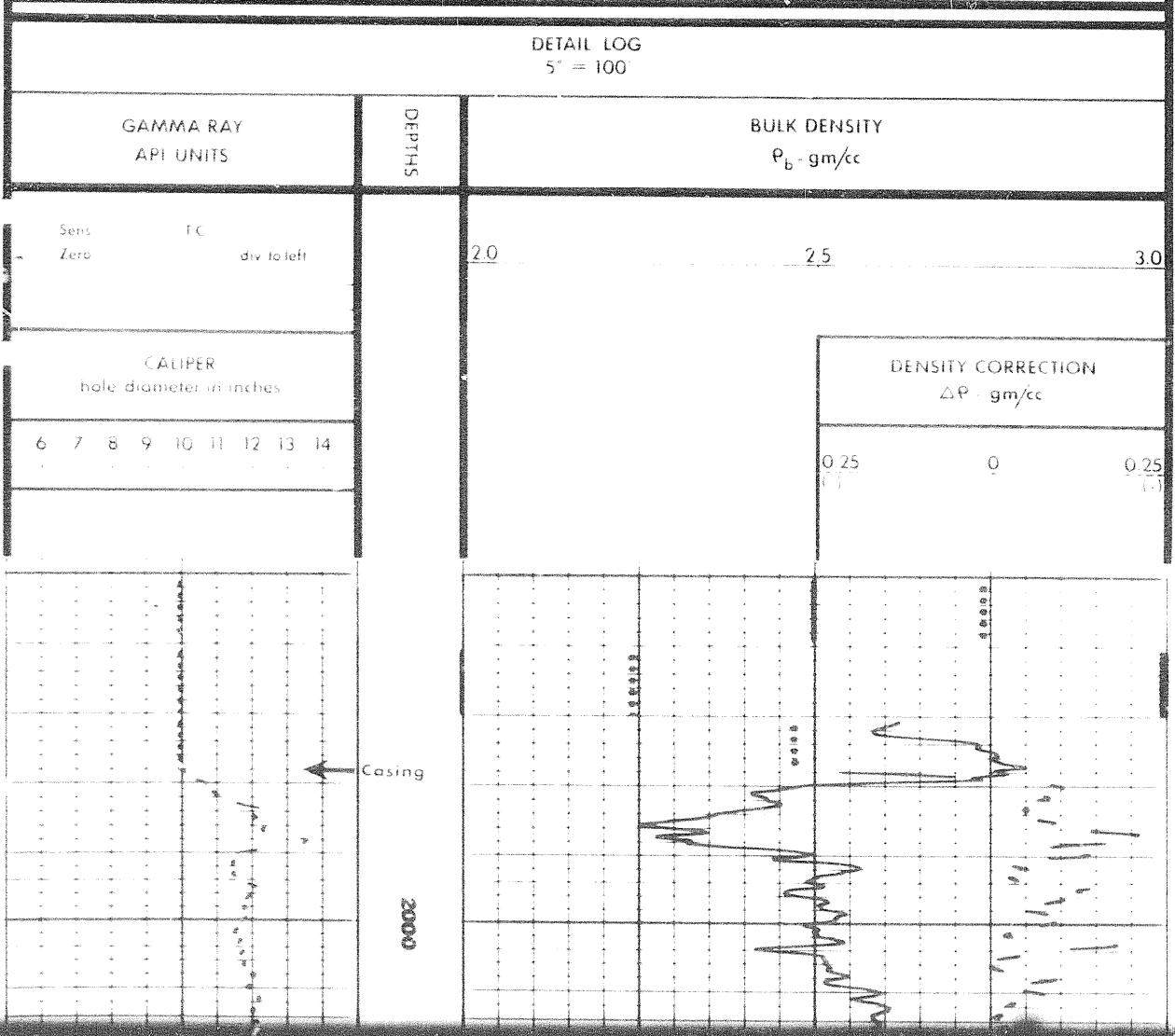
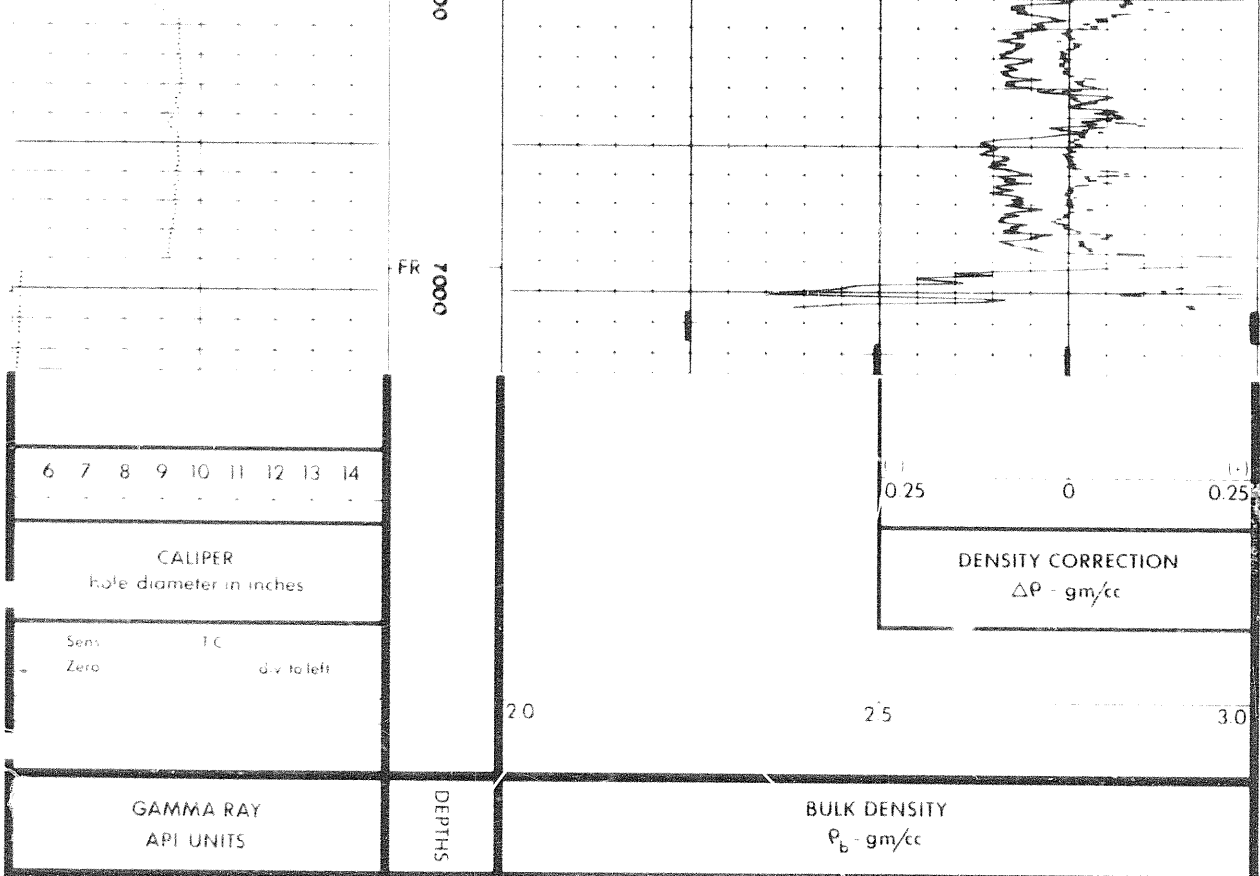
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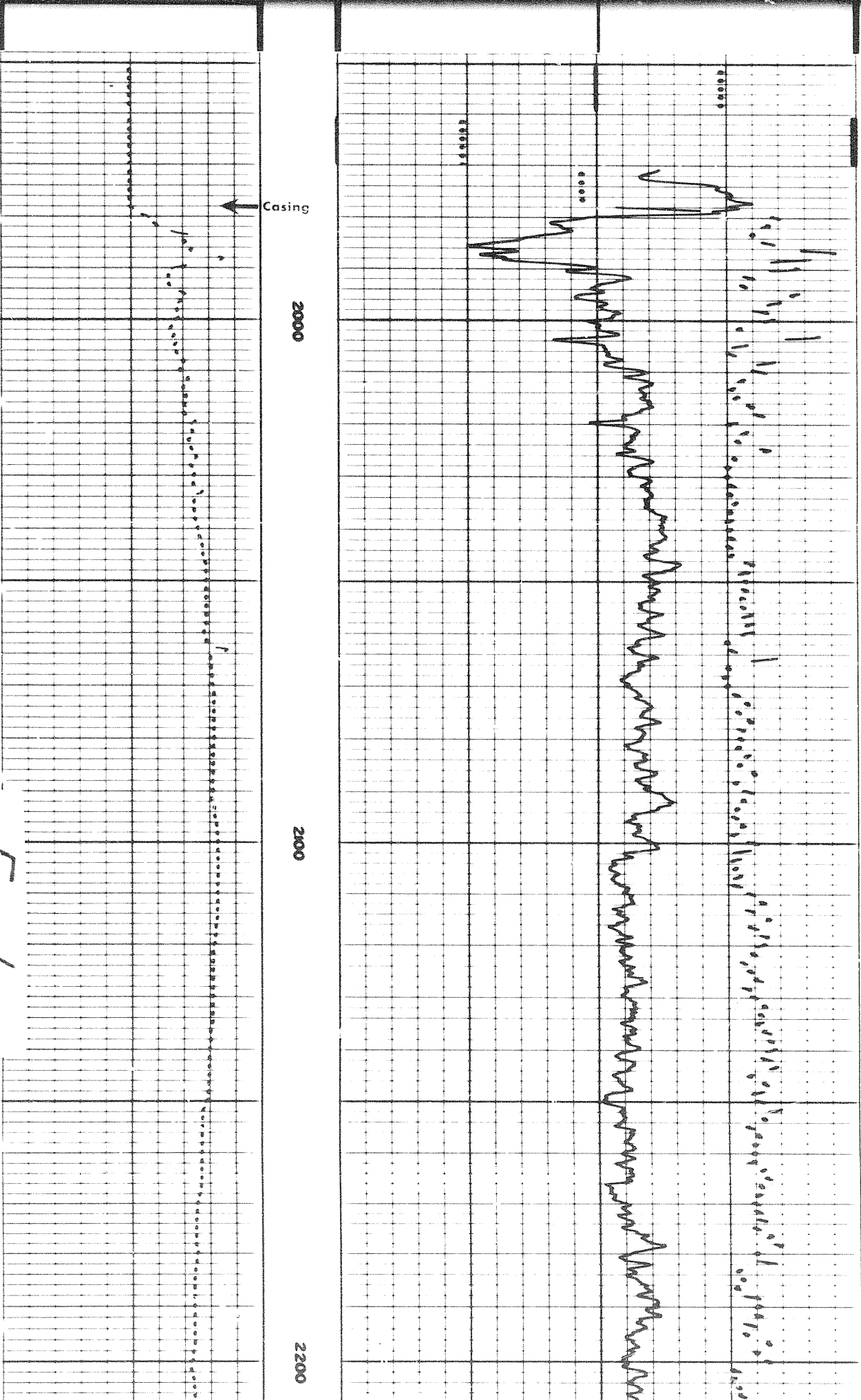




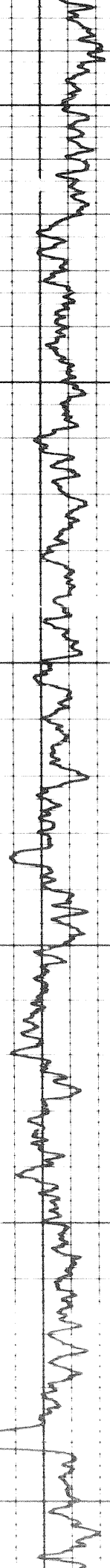
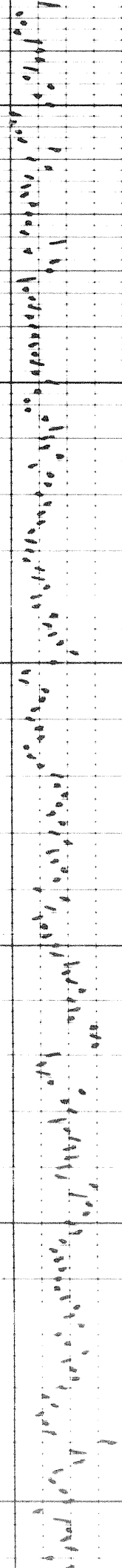
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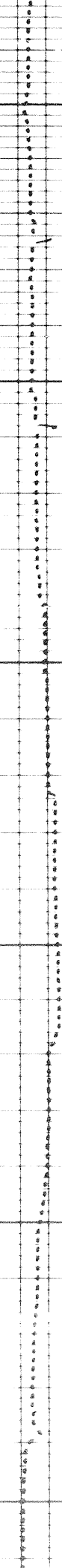
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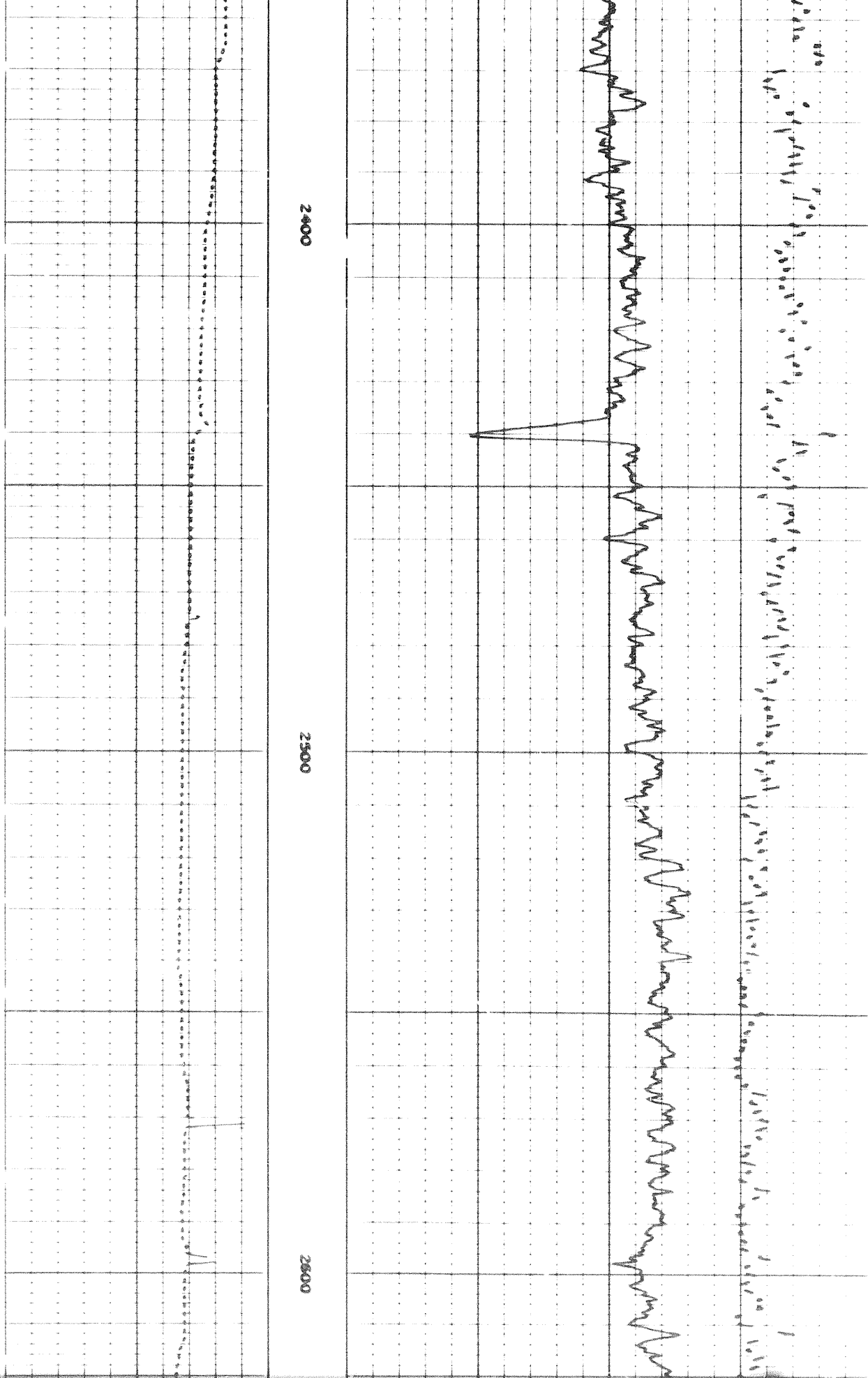


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2300

2400



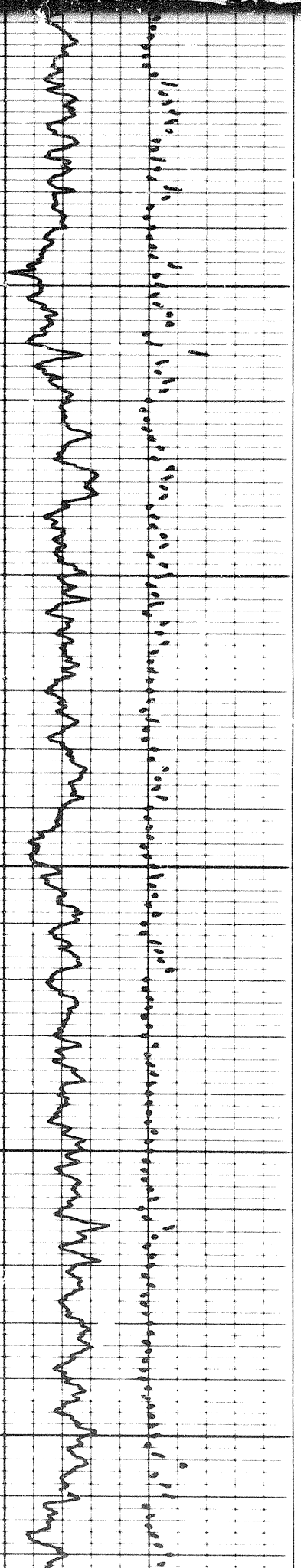


2400

2500

2600

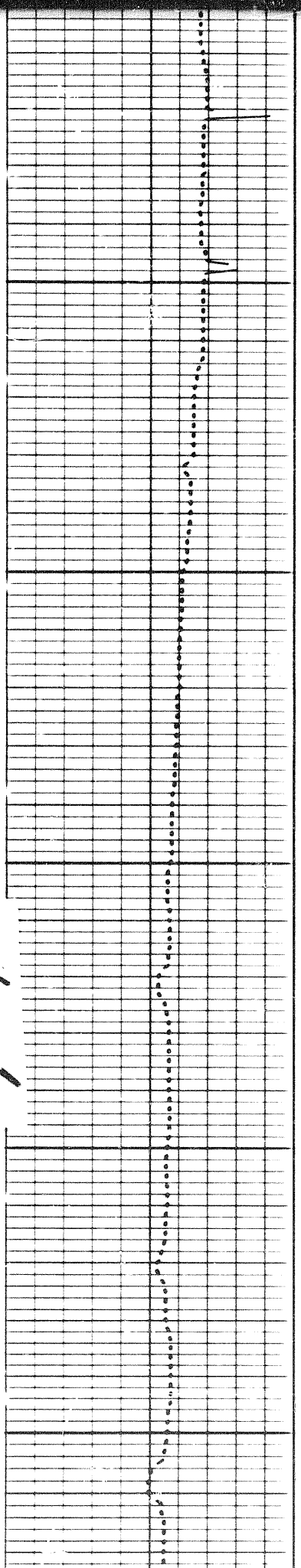
Handwritten scribble or mark on the left margin.



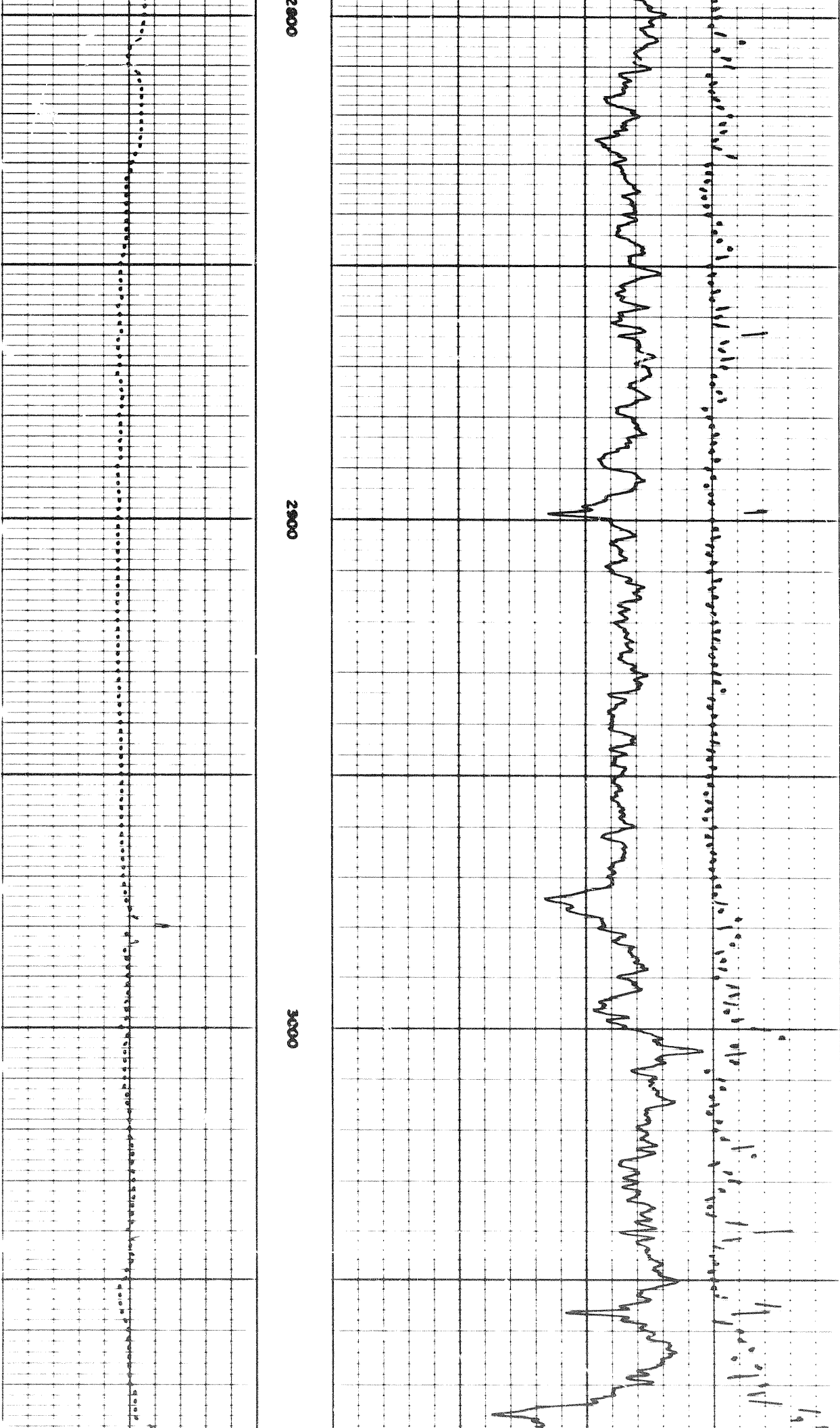
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2700

2800



6 of

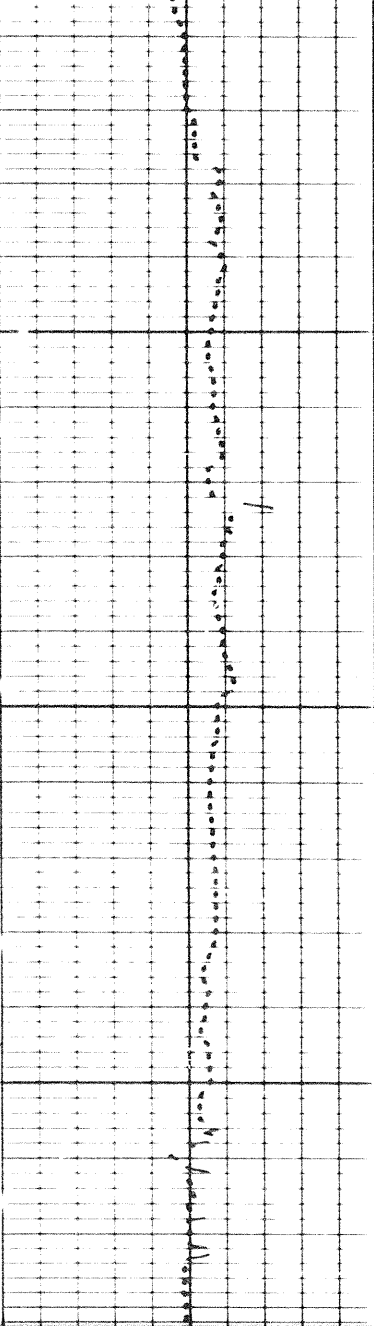


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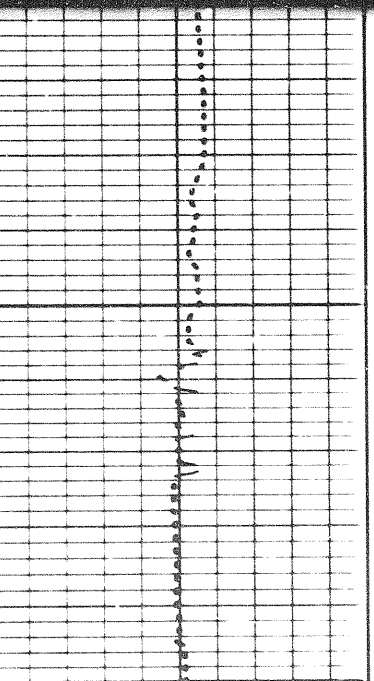
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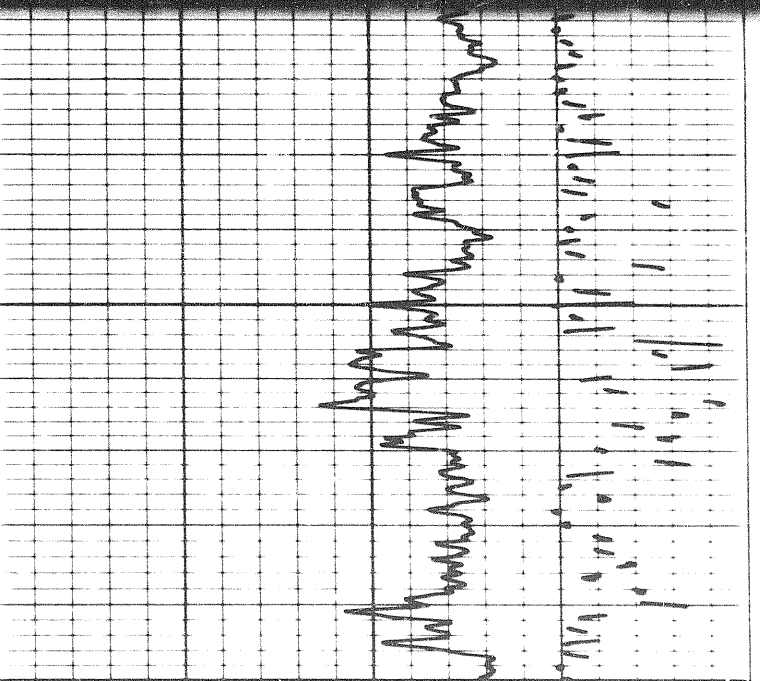
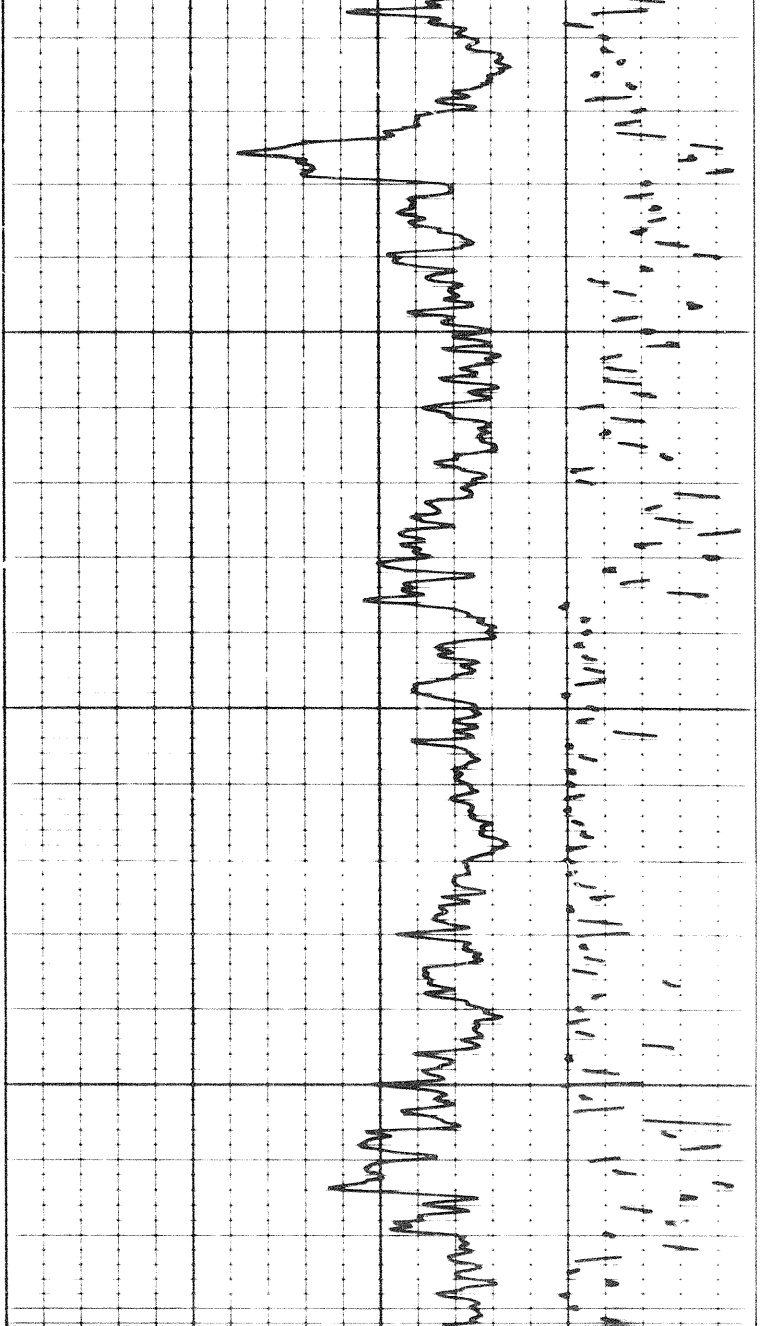


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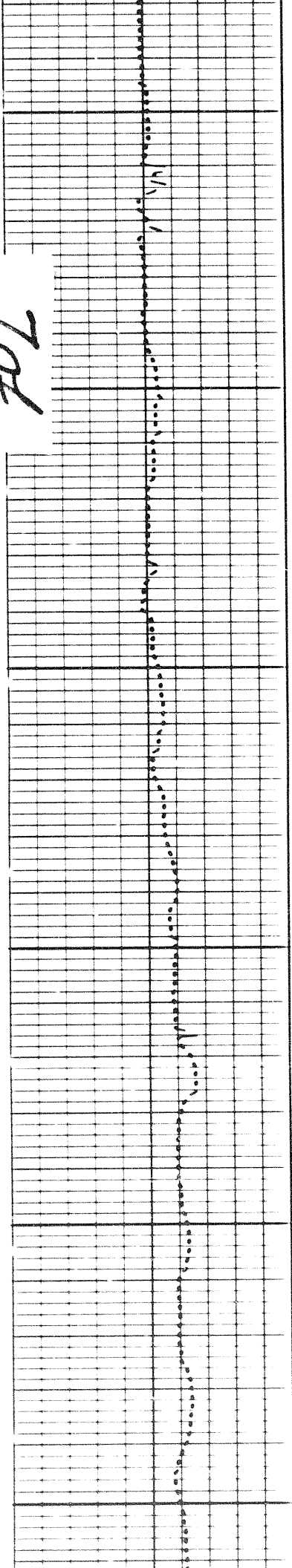
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3200



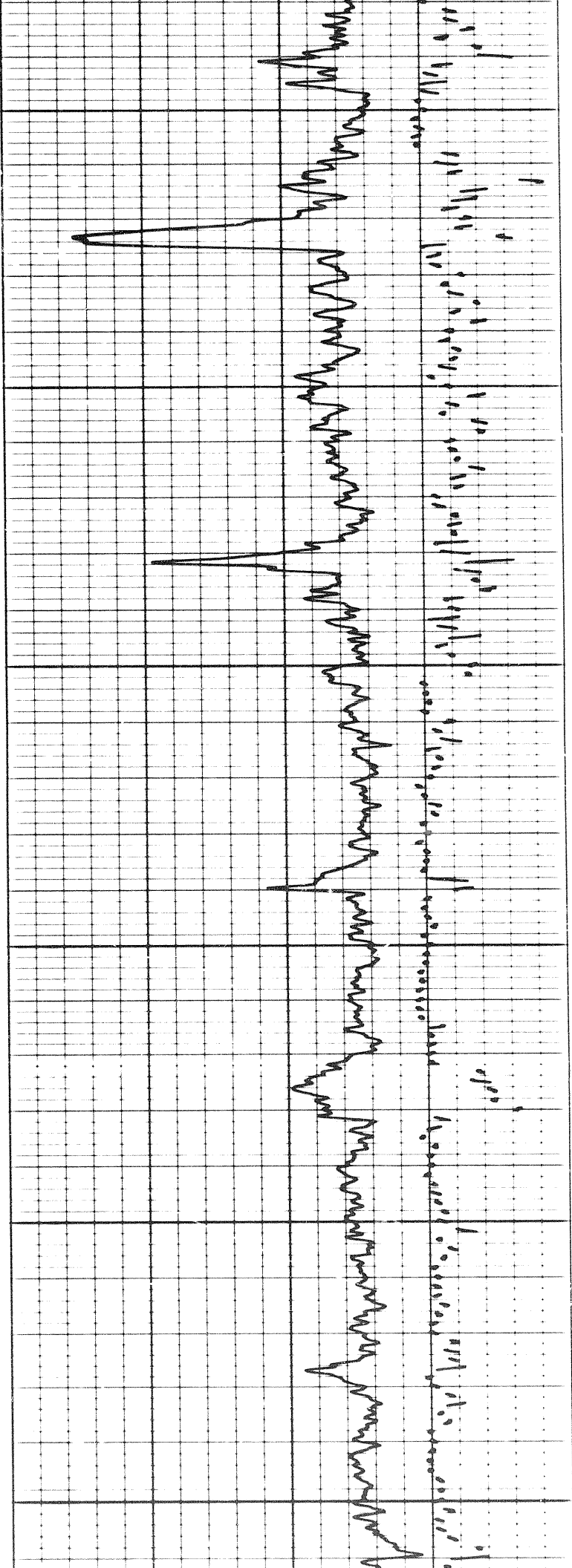
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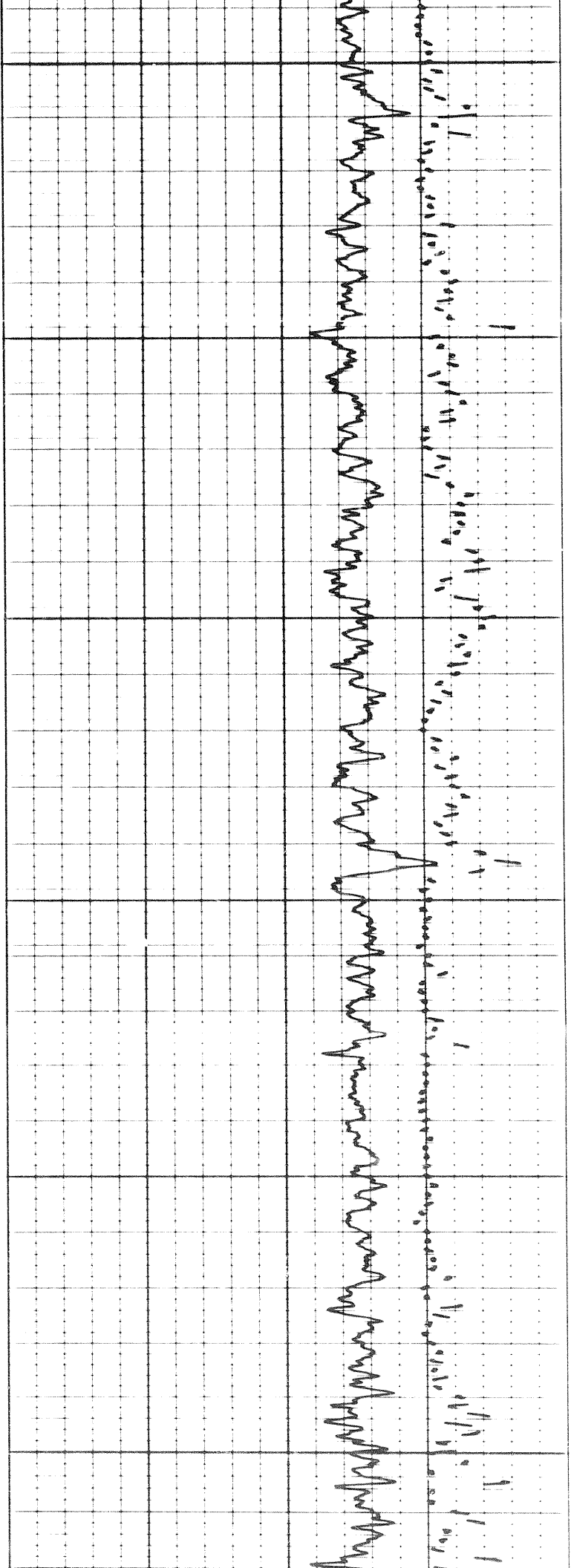


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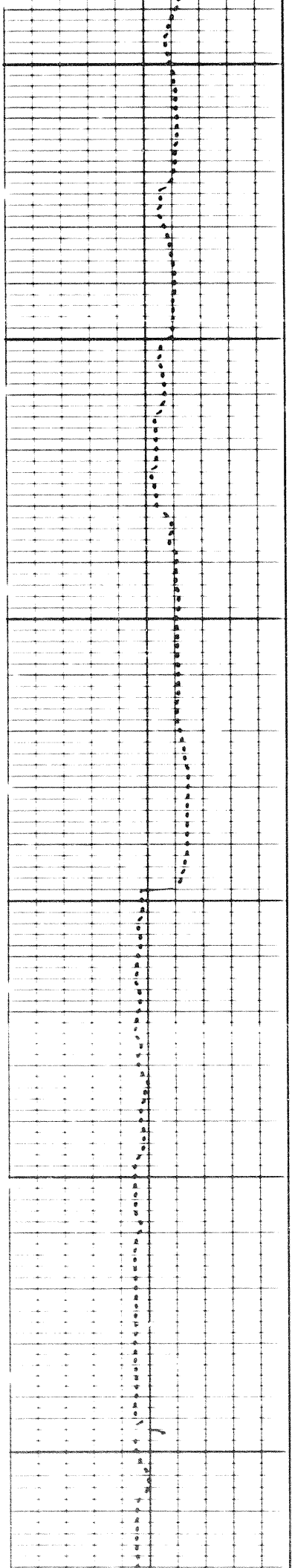


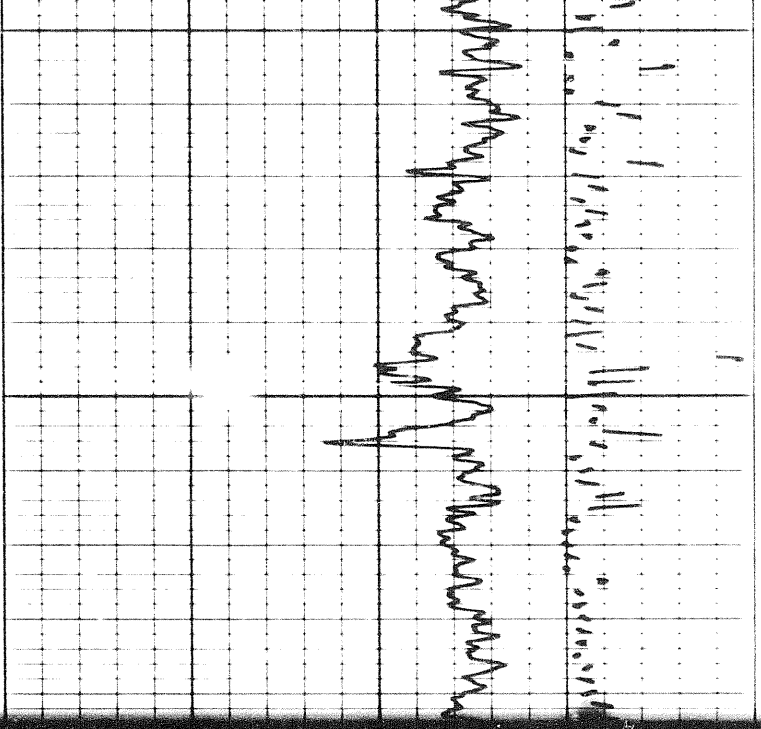


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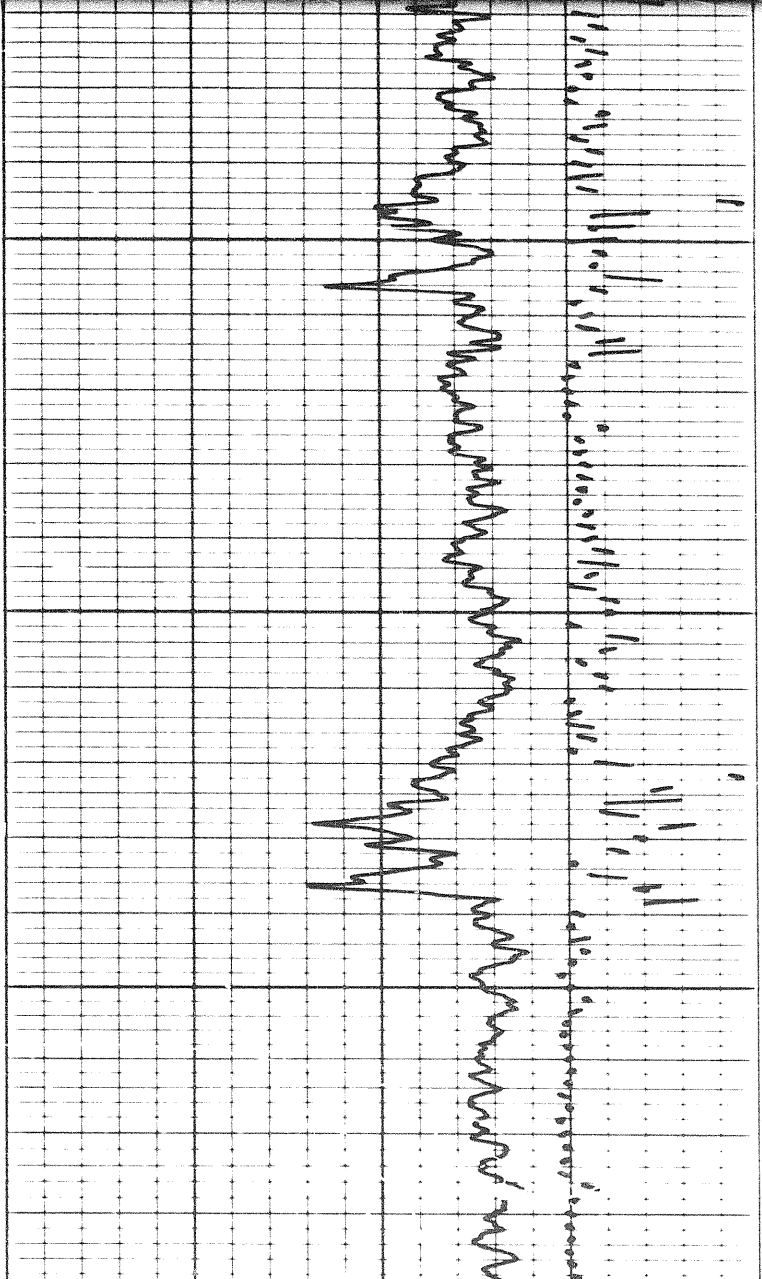
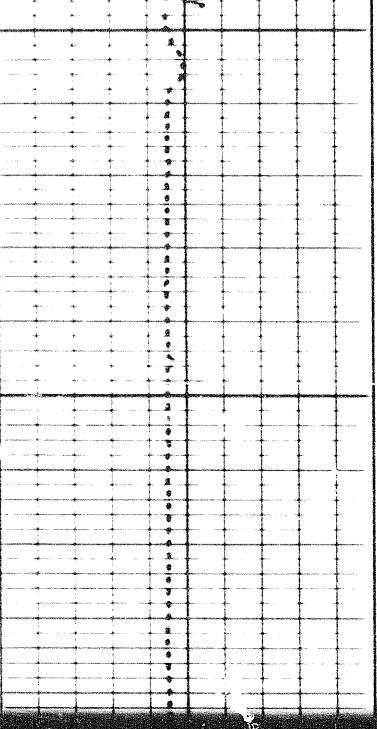
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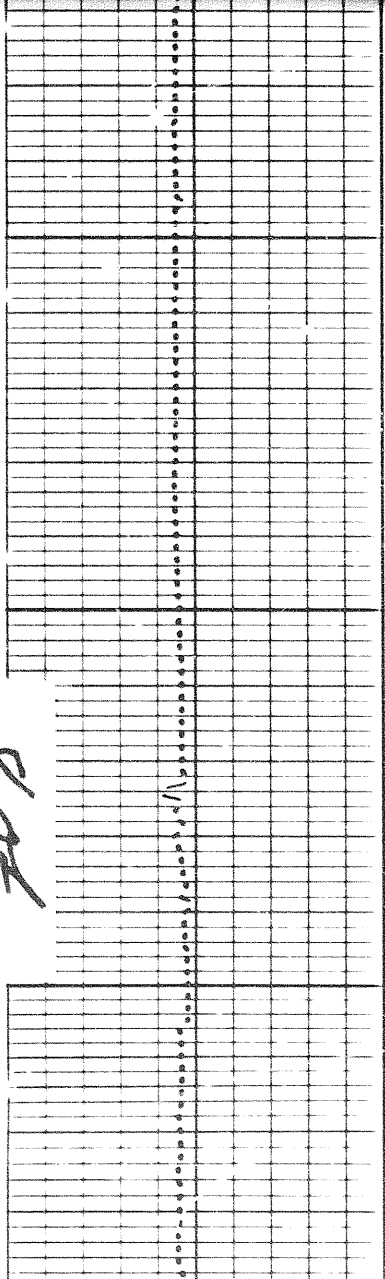




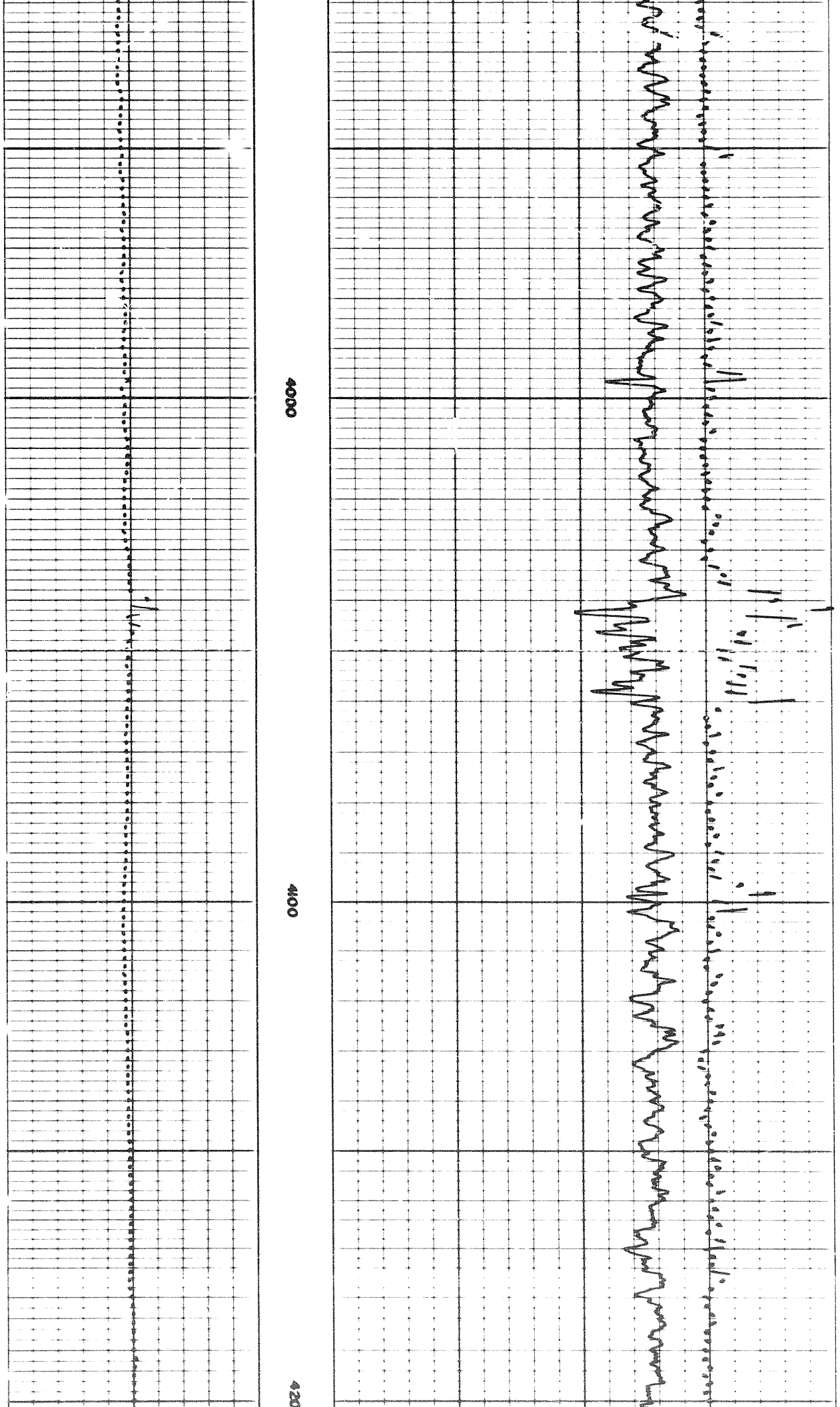
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3800



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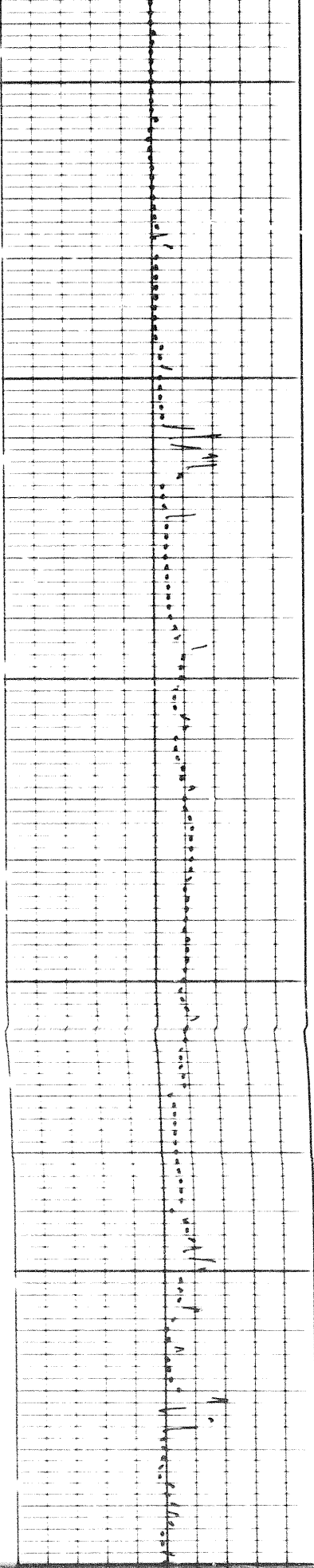


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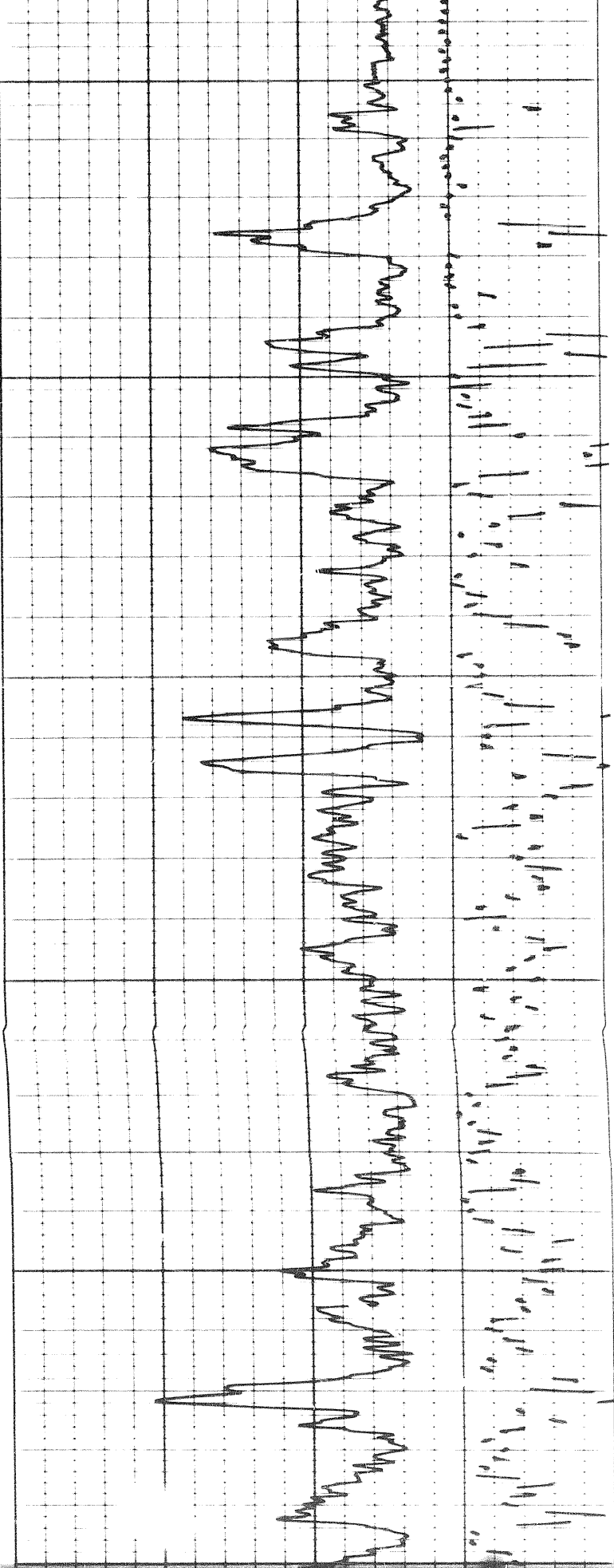
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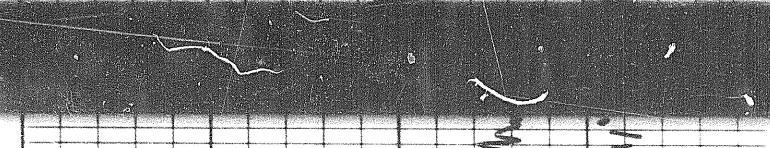
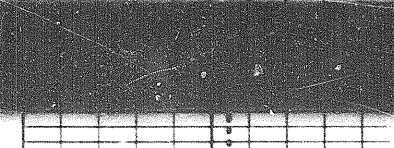
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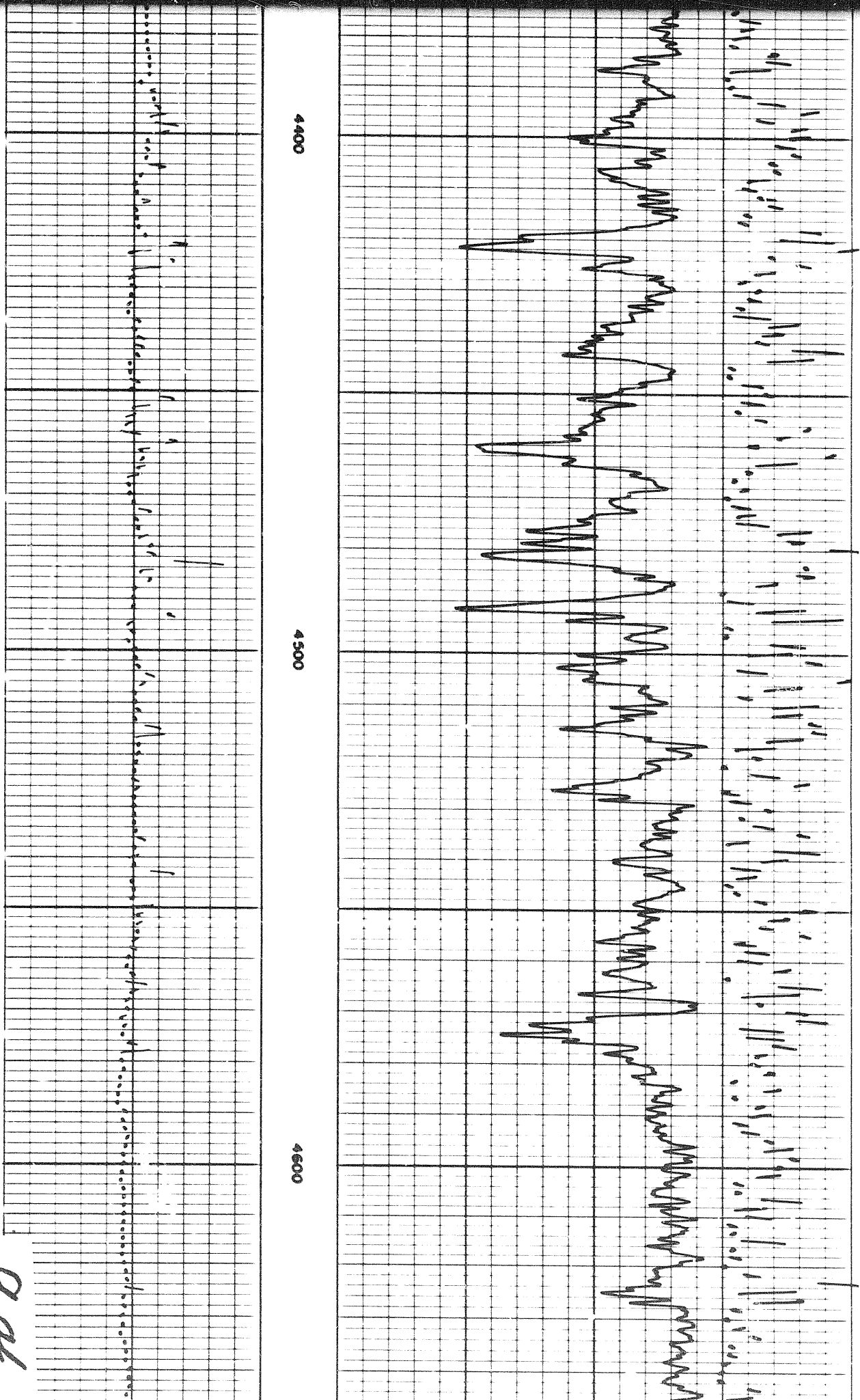


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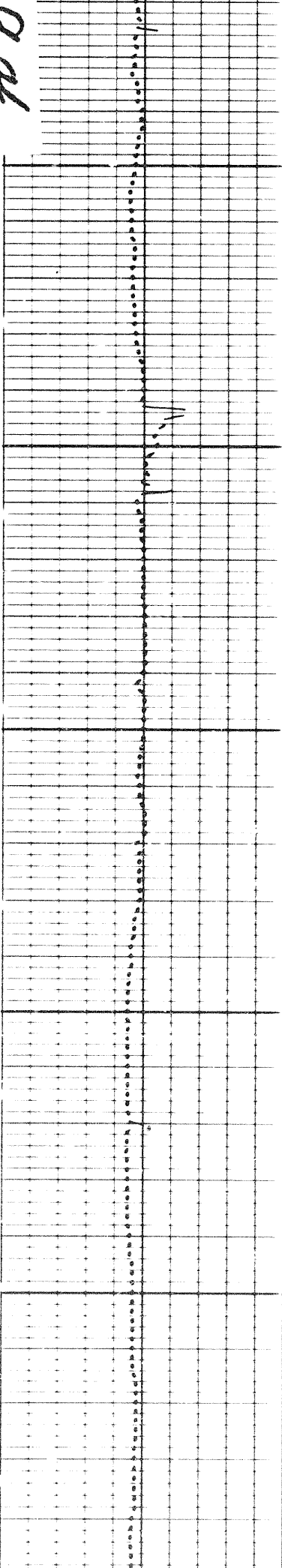
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gab

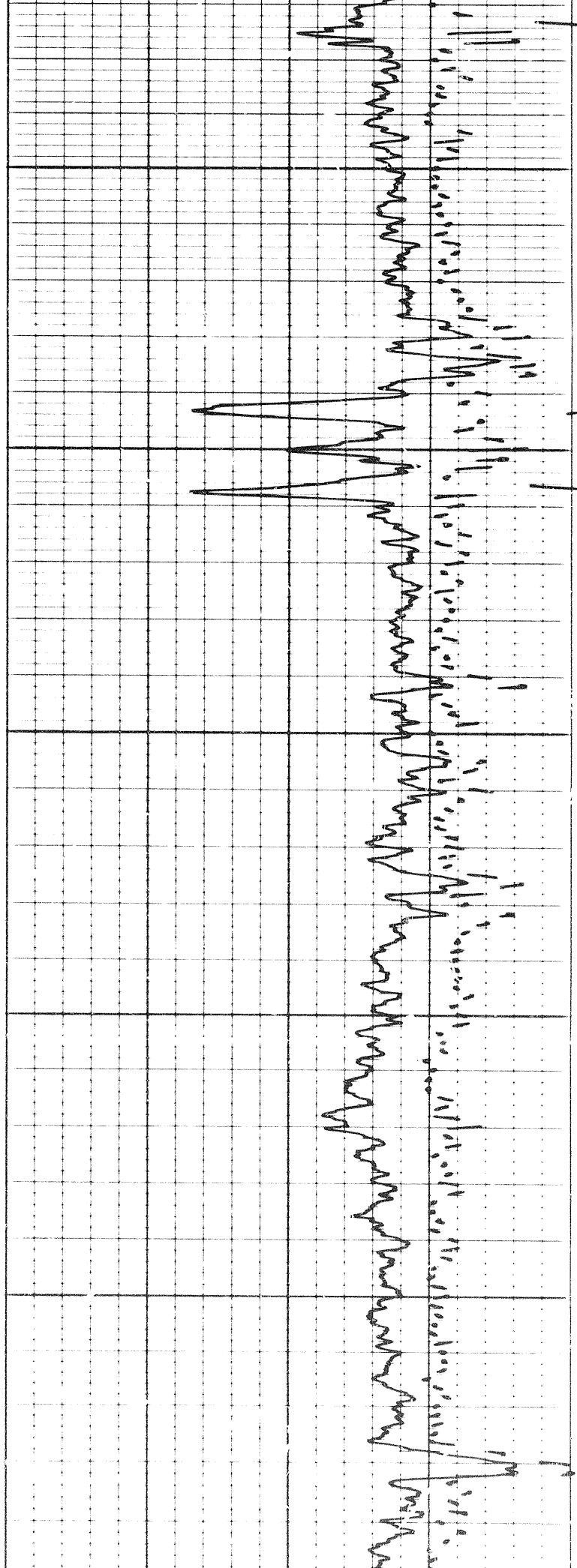
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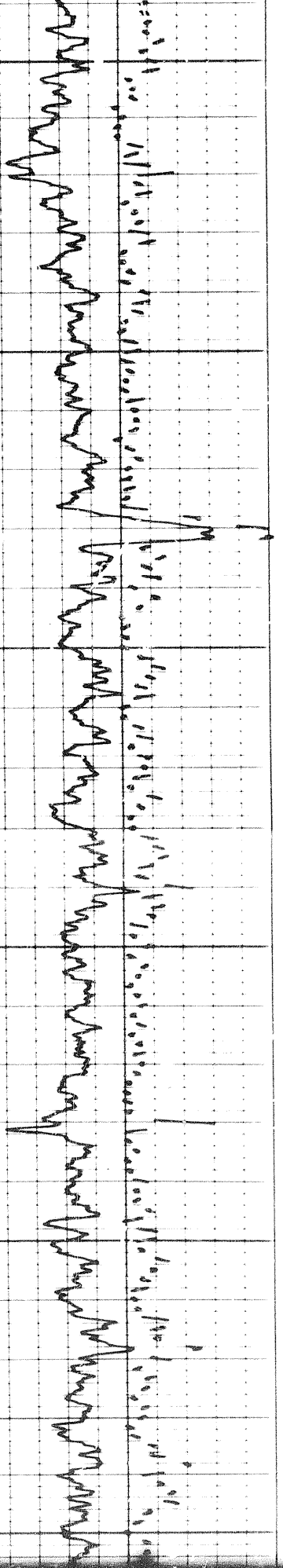
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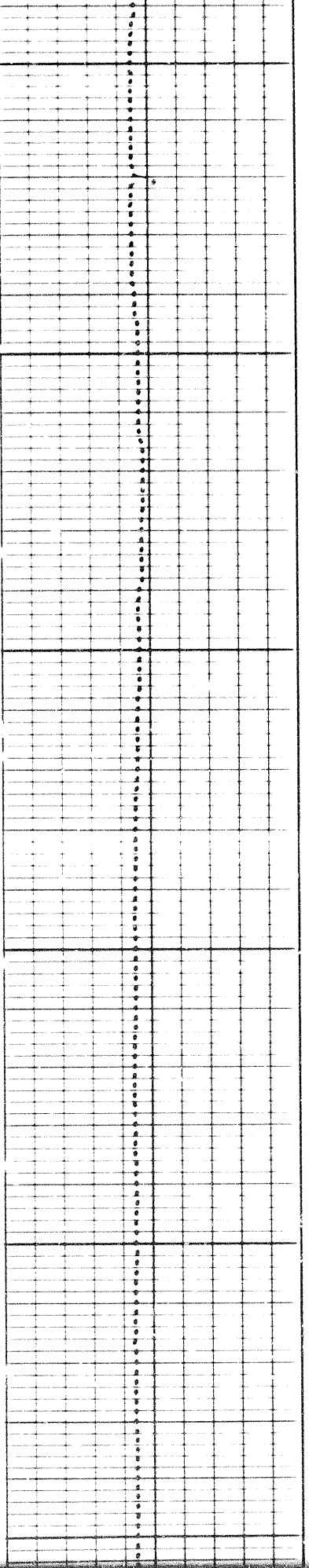




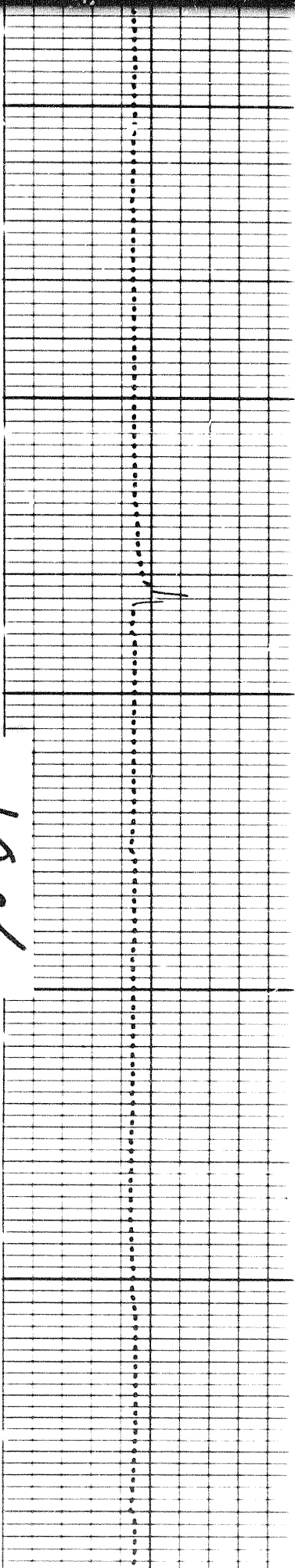
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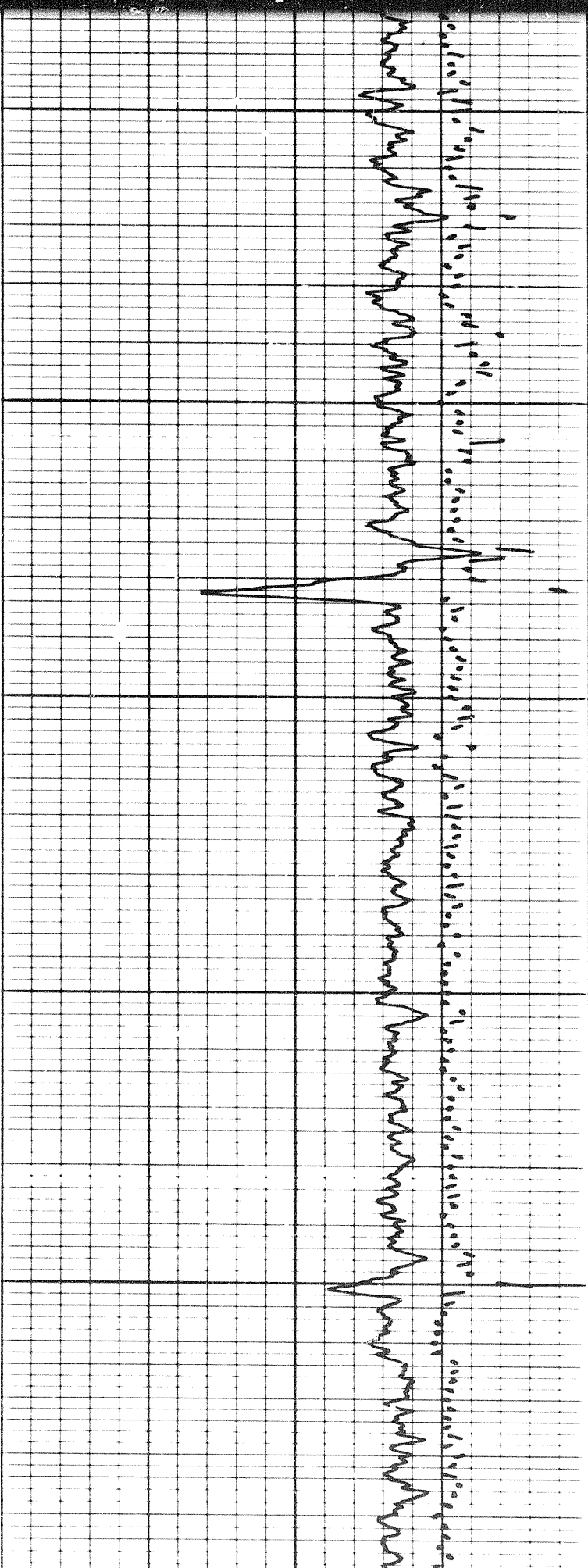
10 of

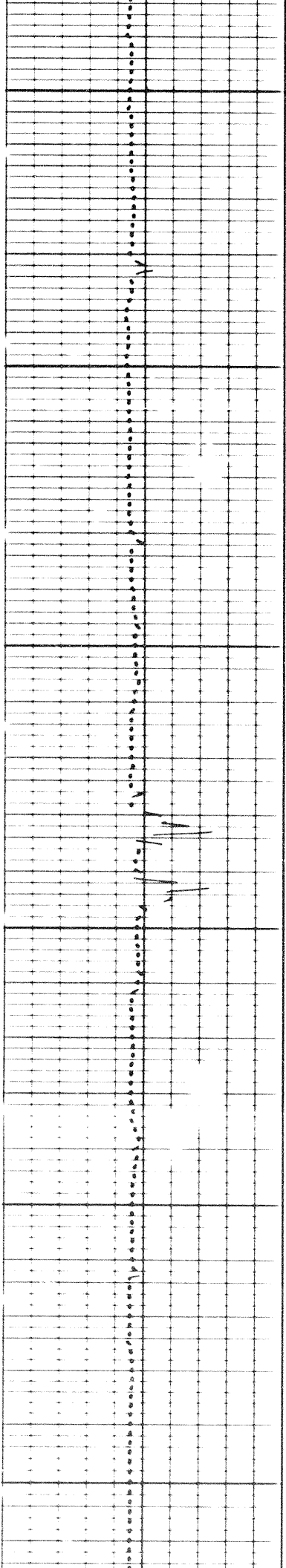


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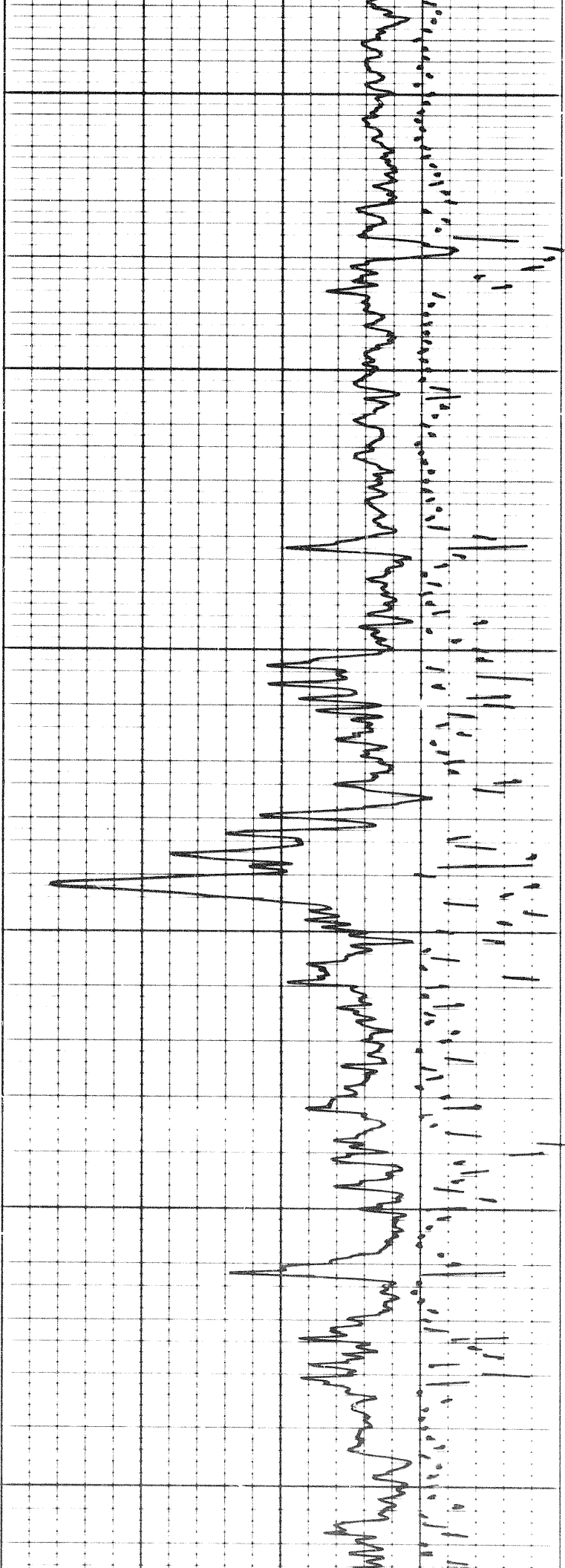


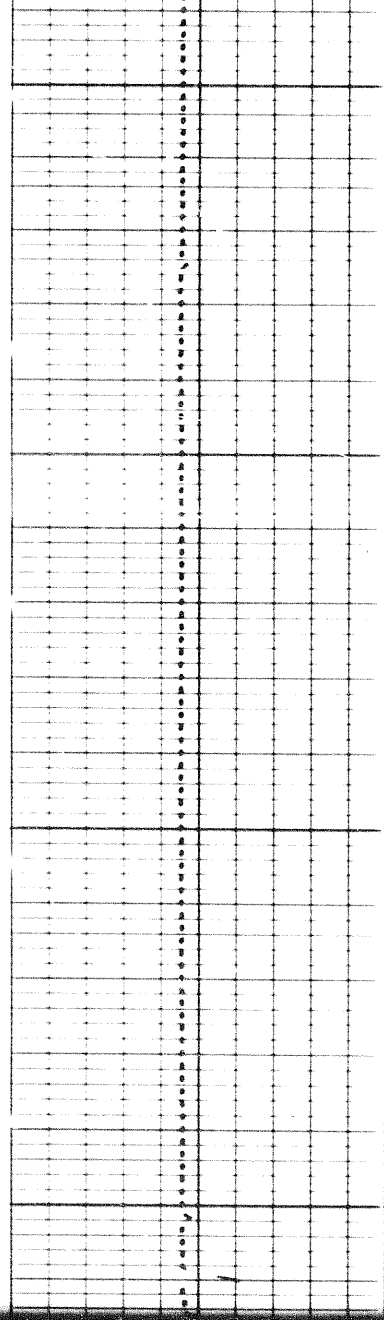


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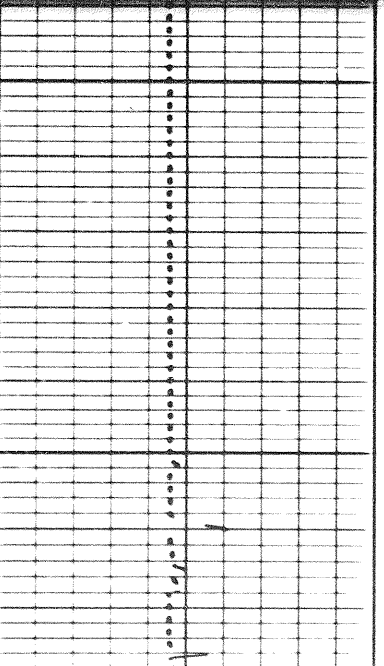
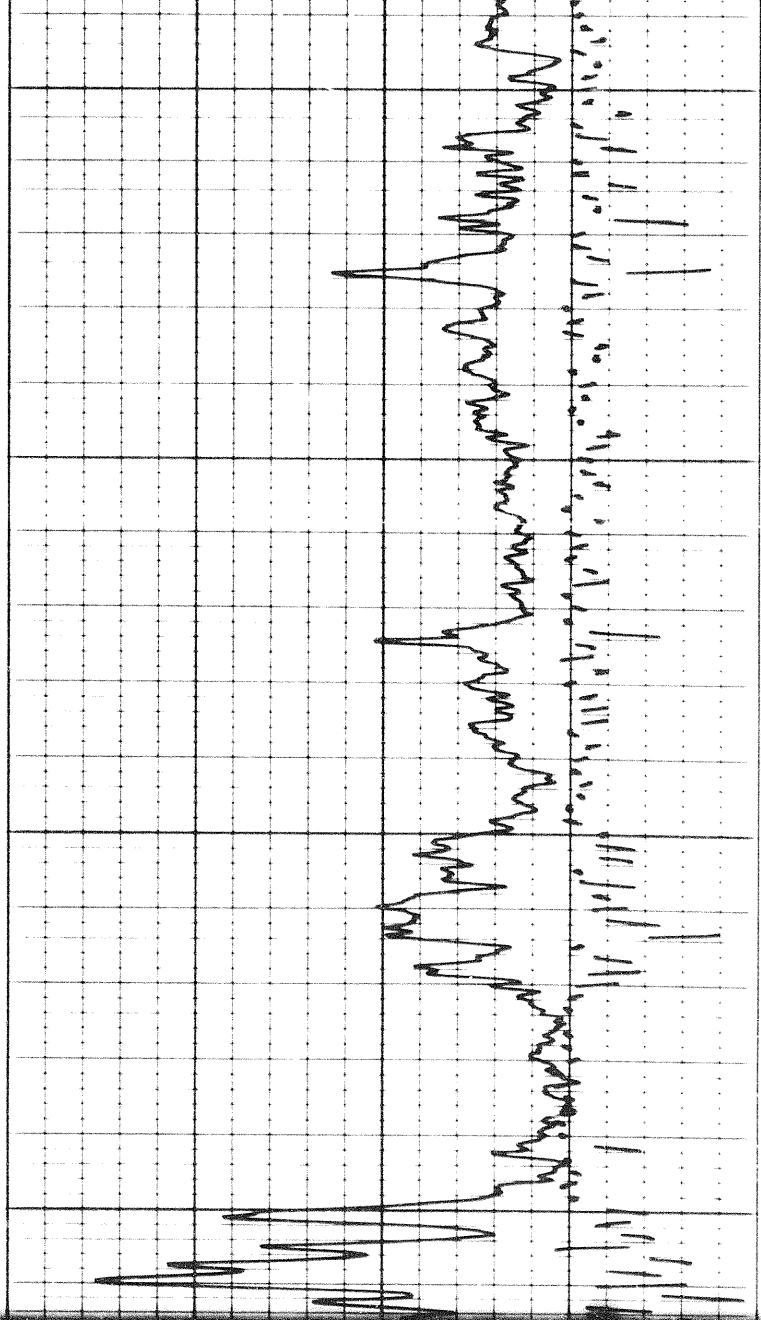
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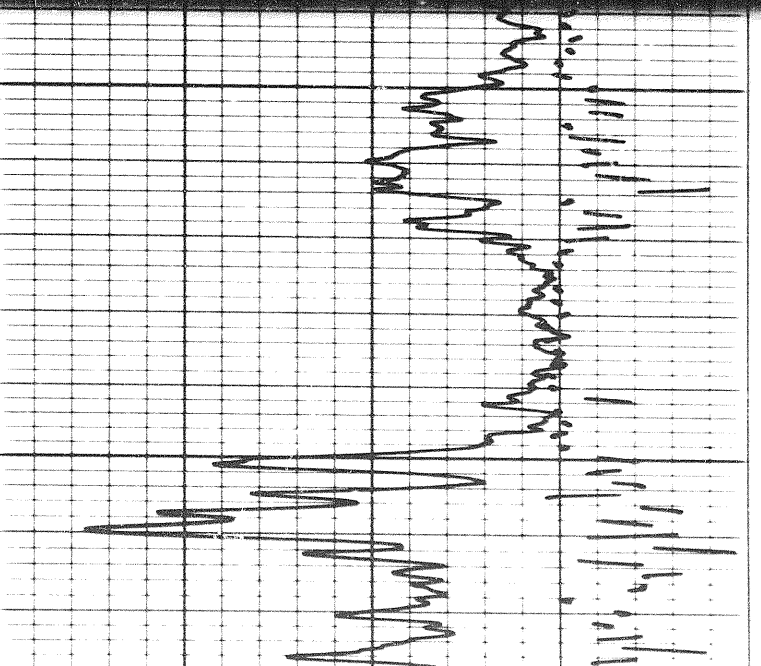


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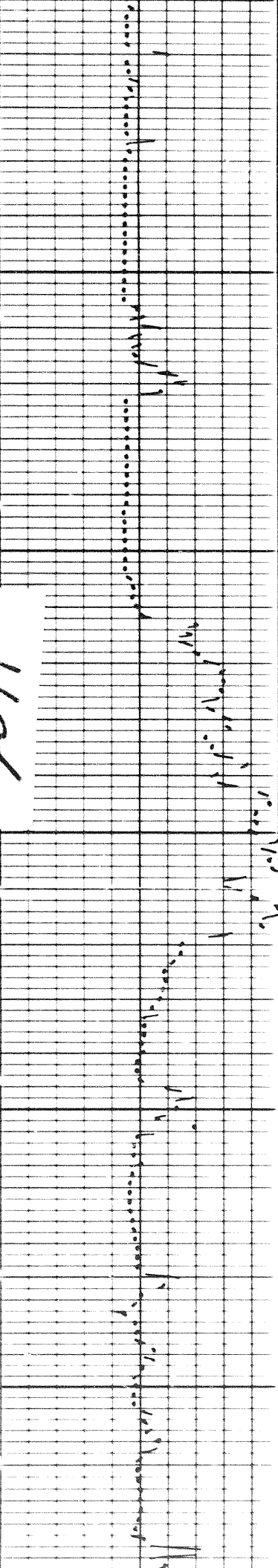
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5600



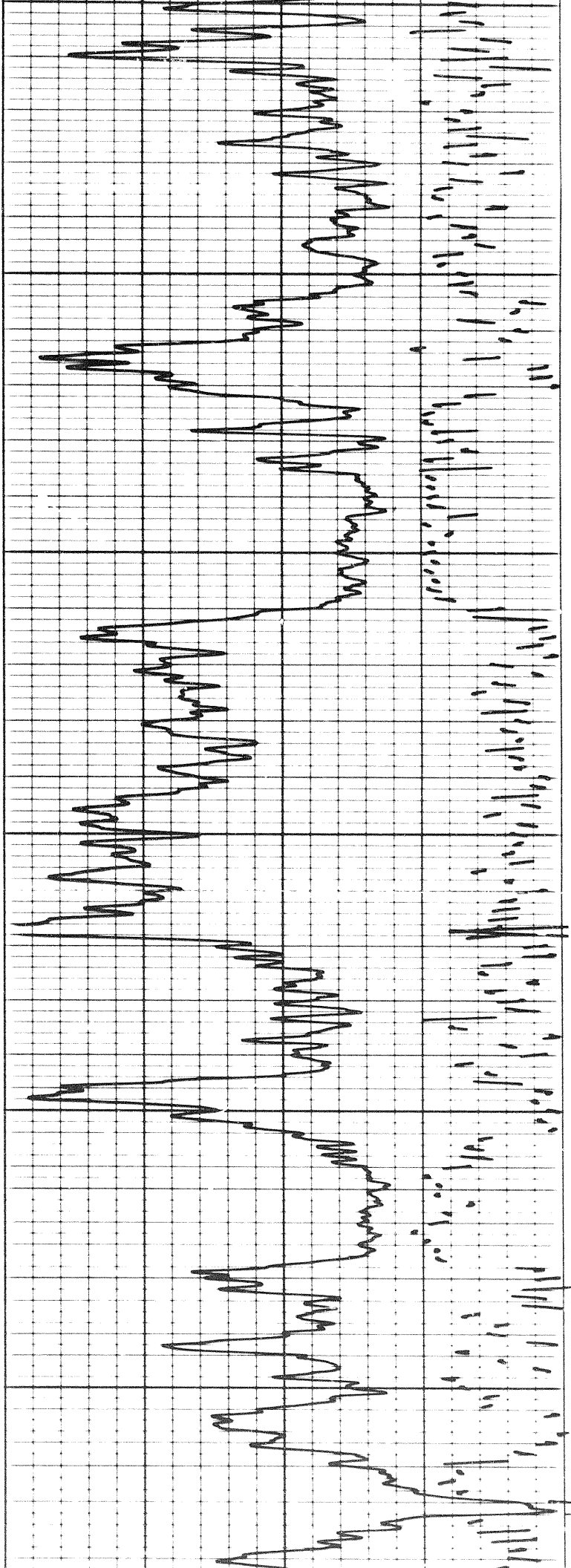
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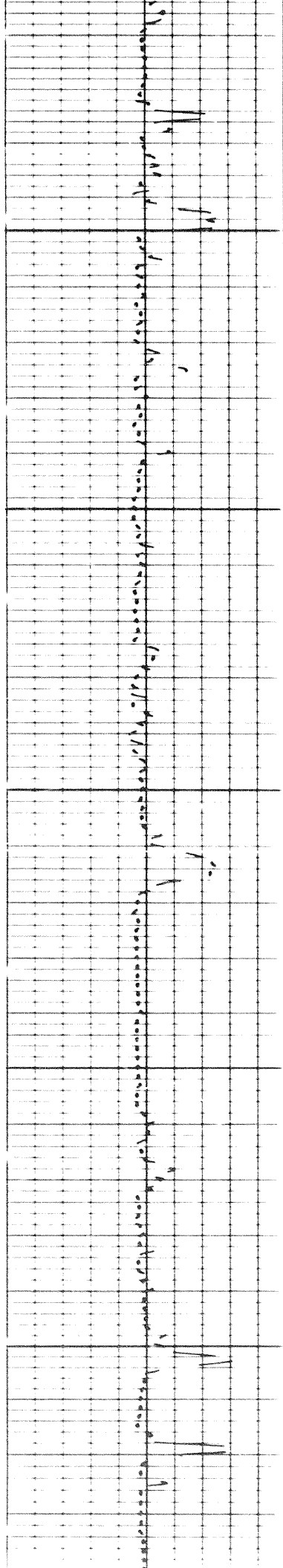


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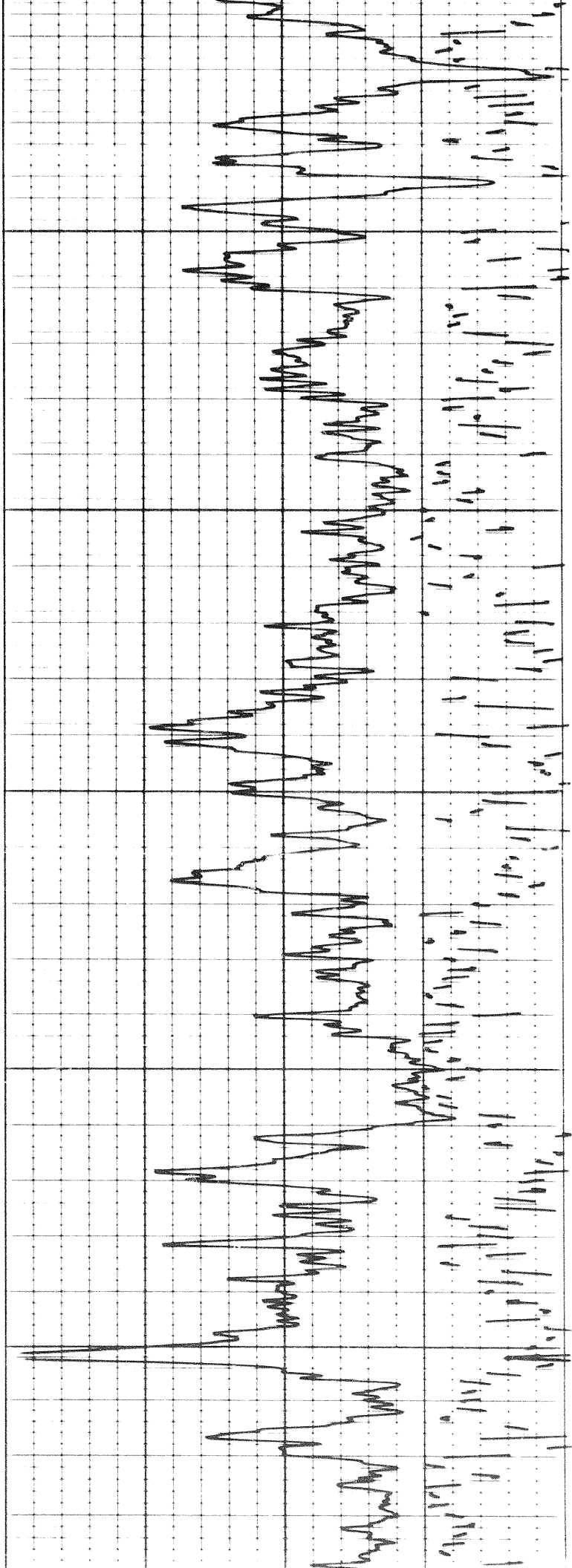
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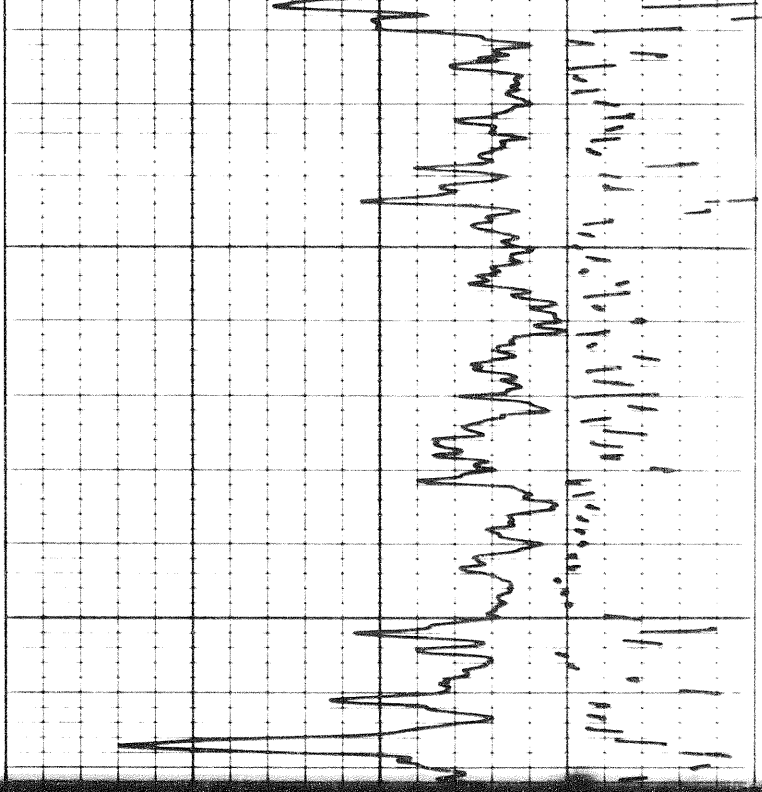




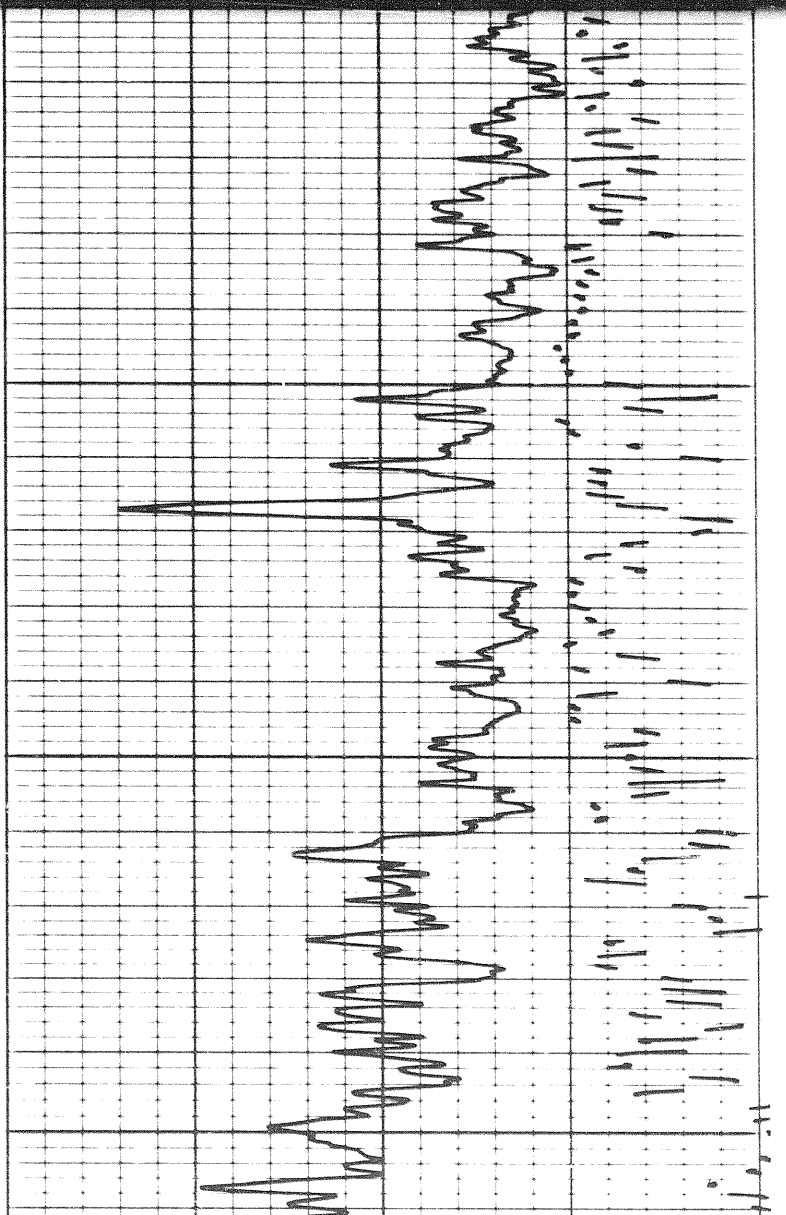
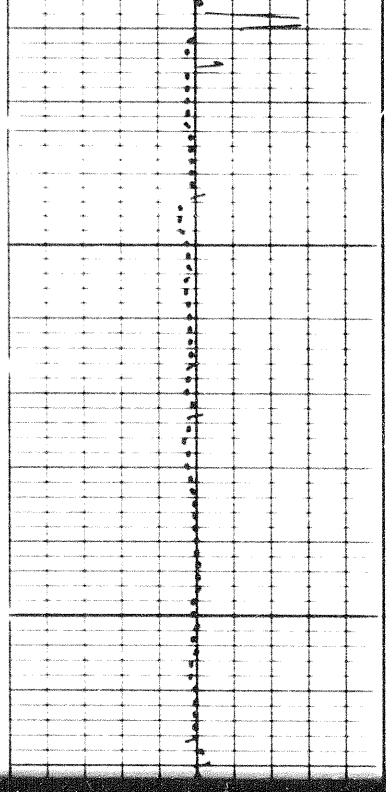
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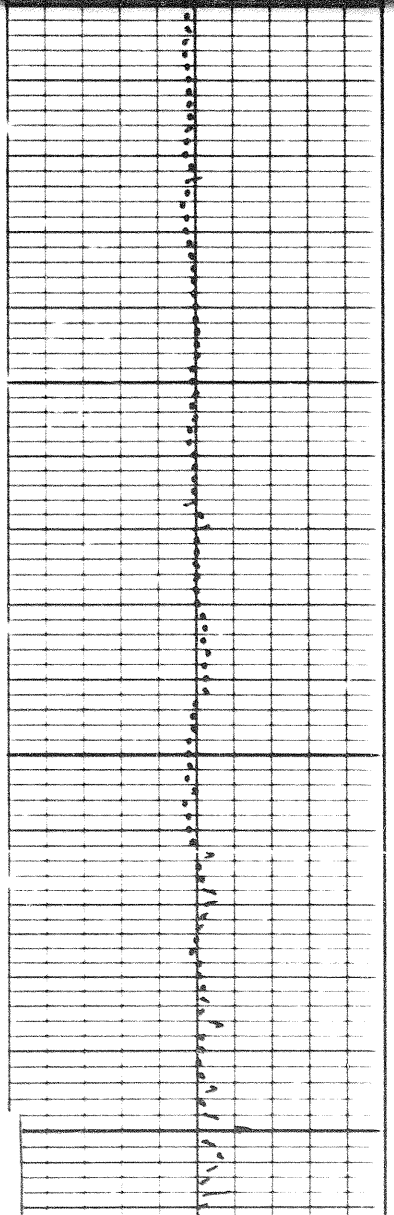




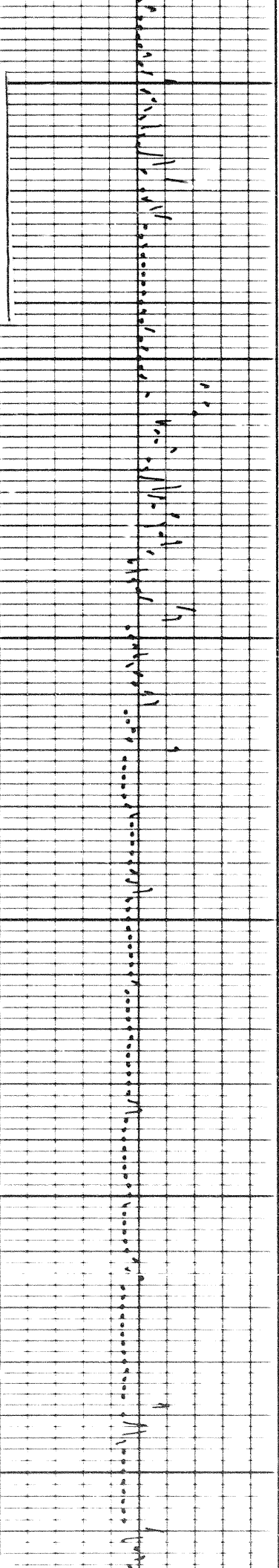
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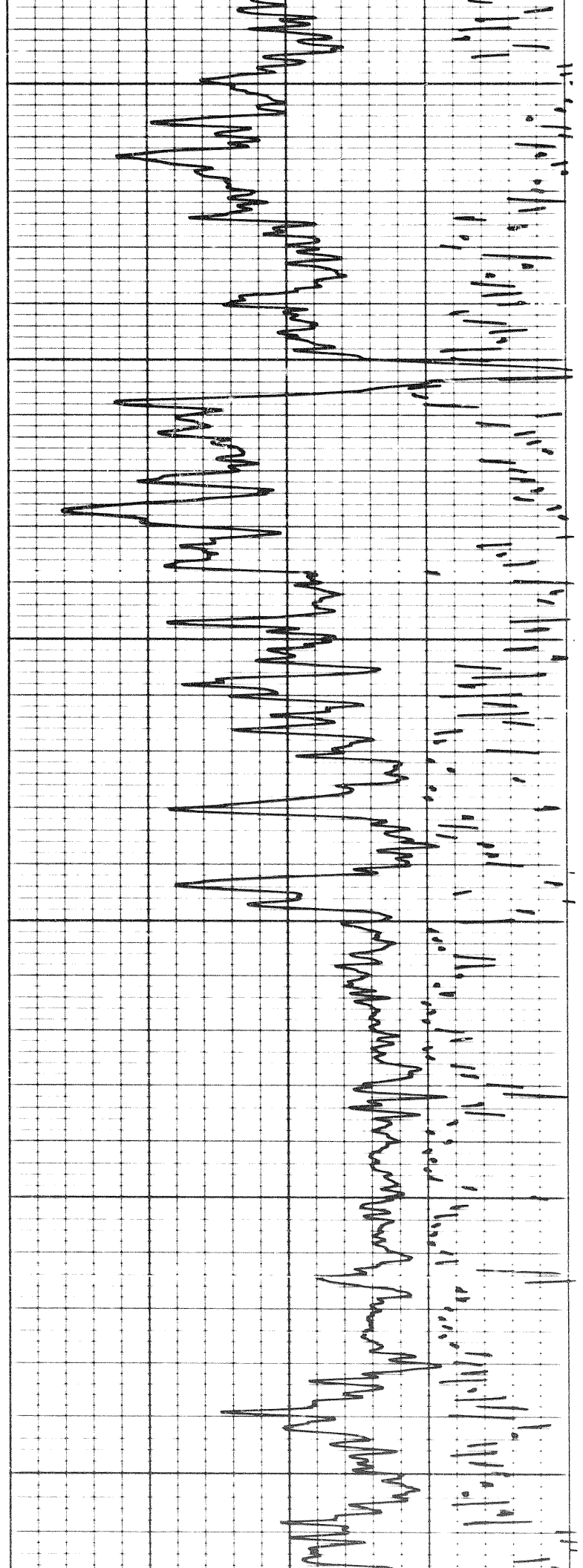
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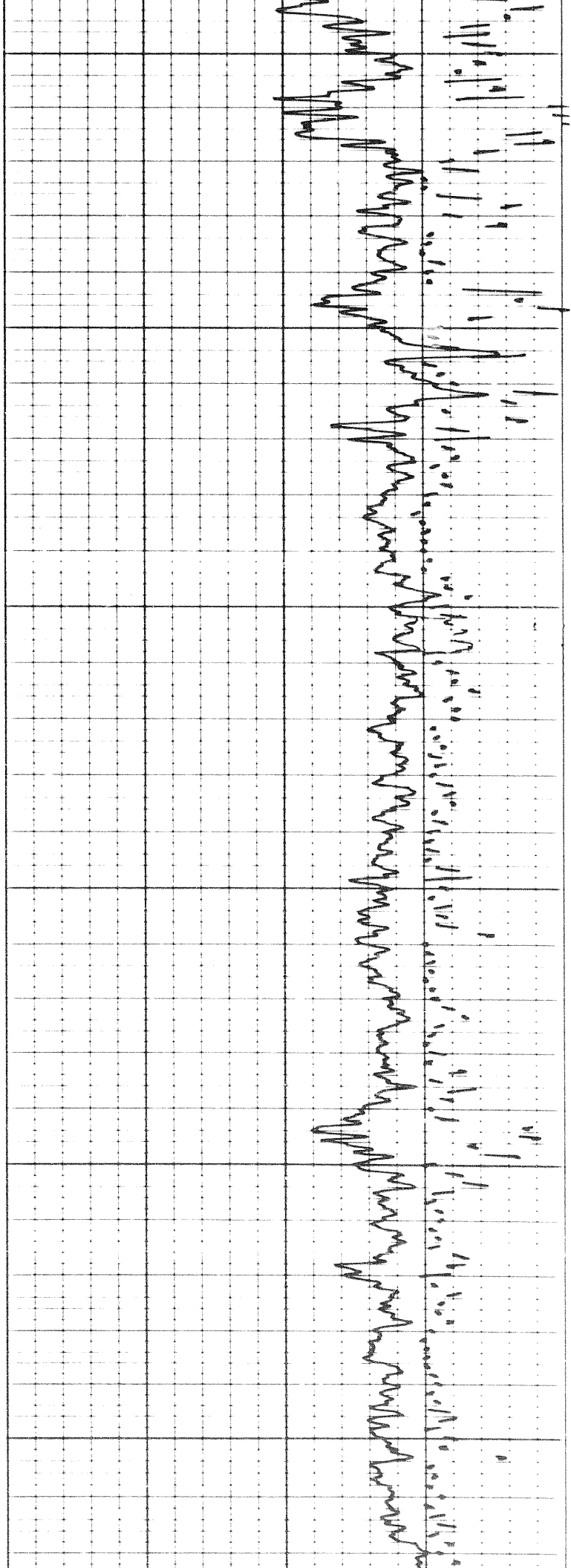
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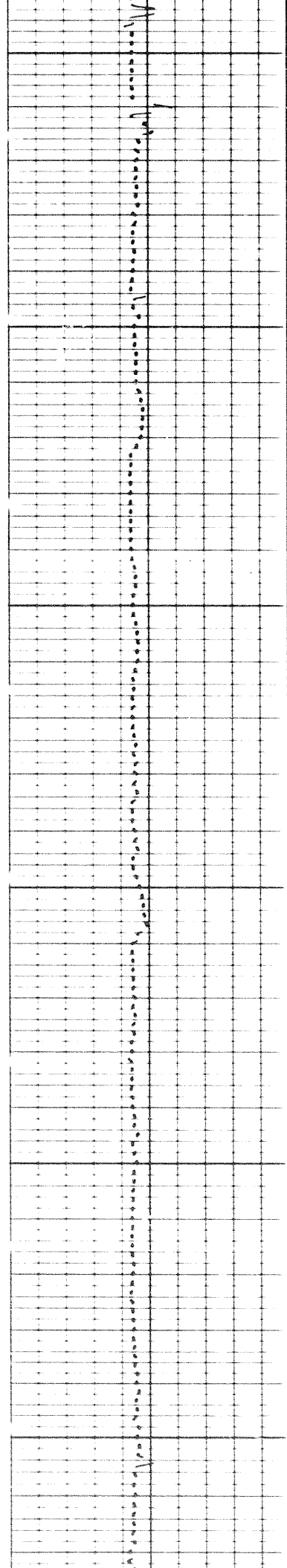


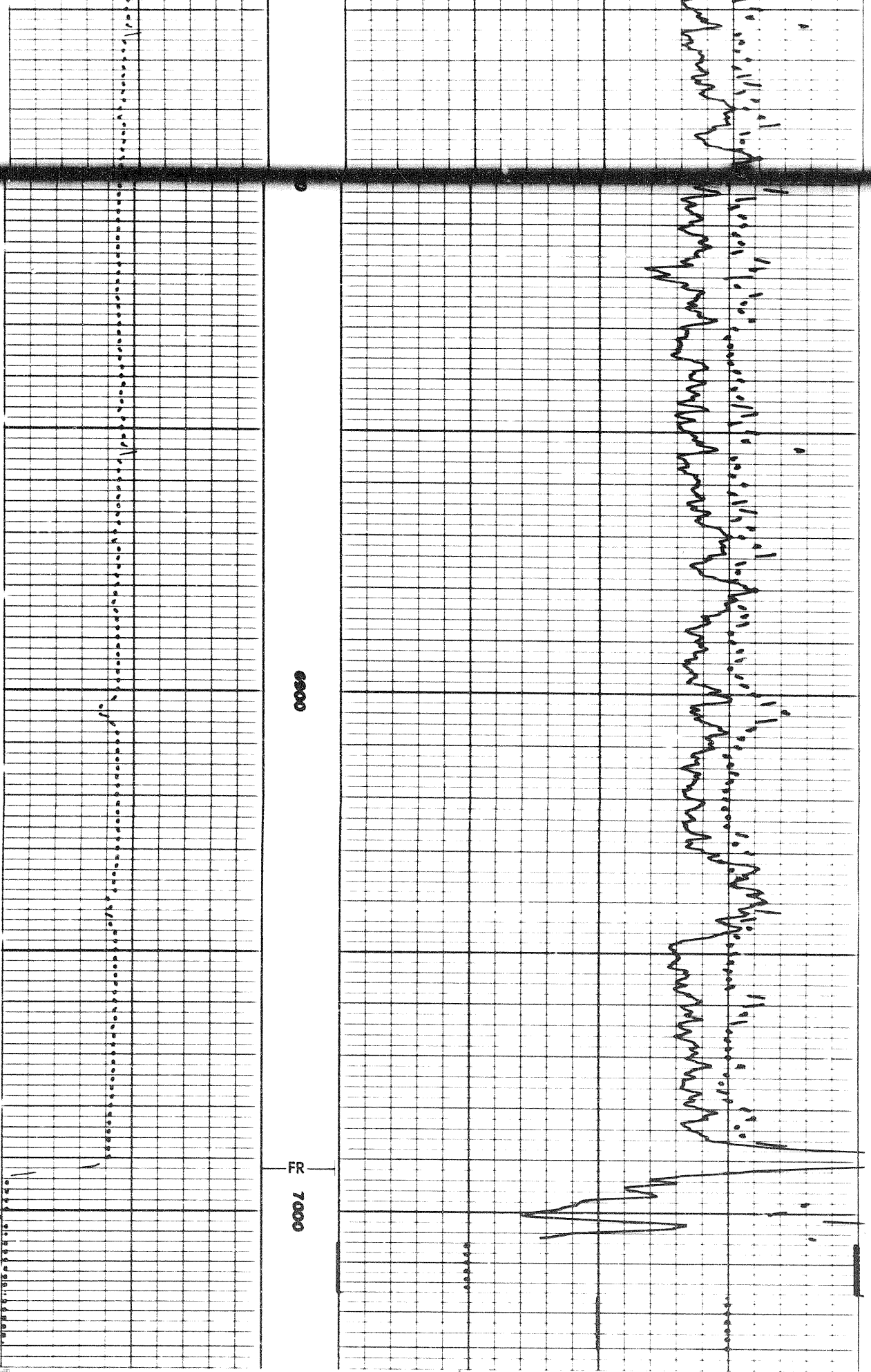


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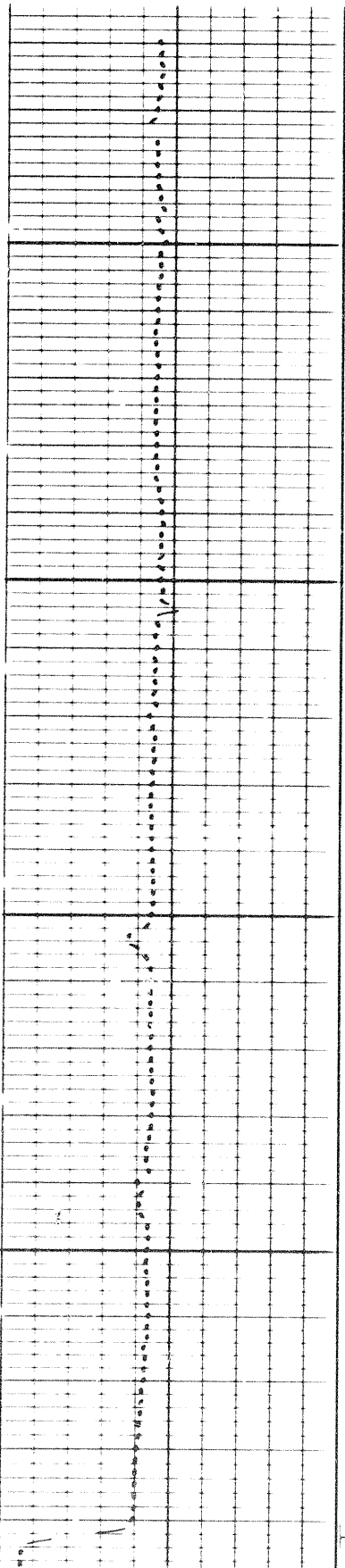
6600

FR 7000

13

13 of

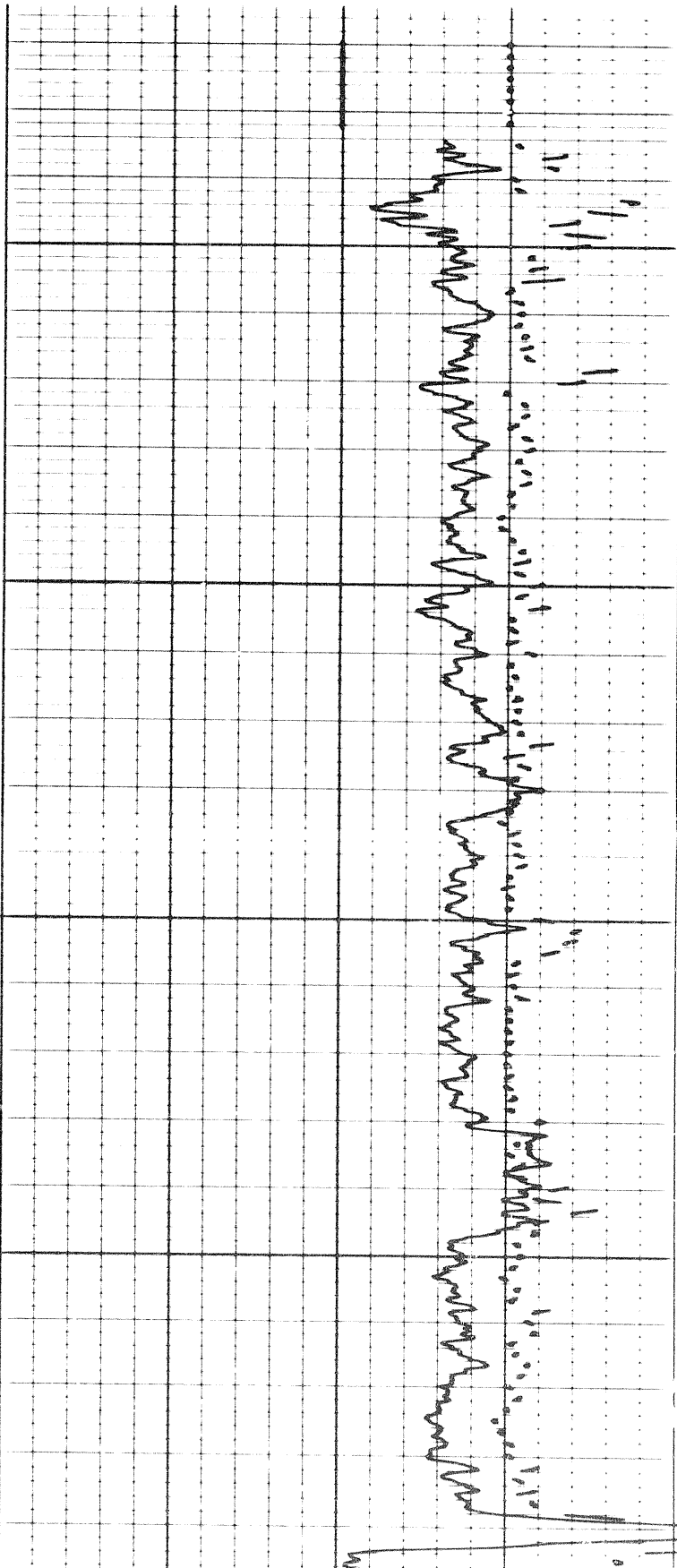
REPEAT SECTION

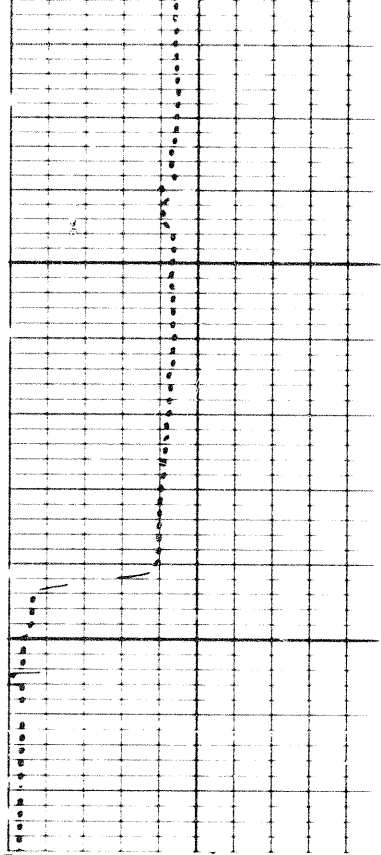


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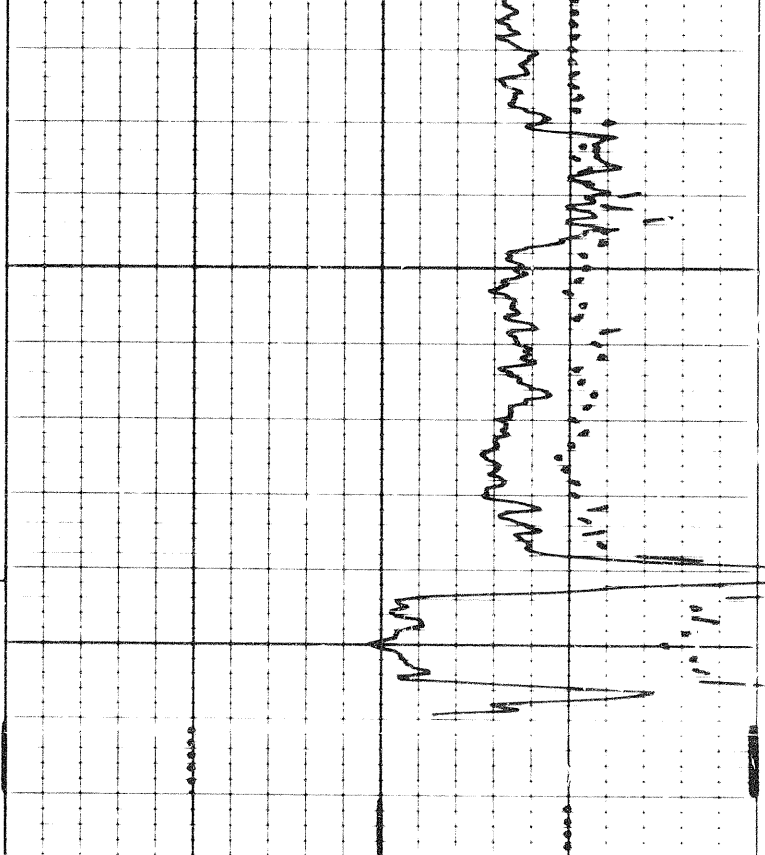
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FR





FR  
7000



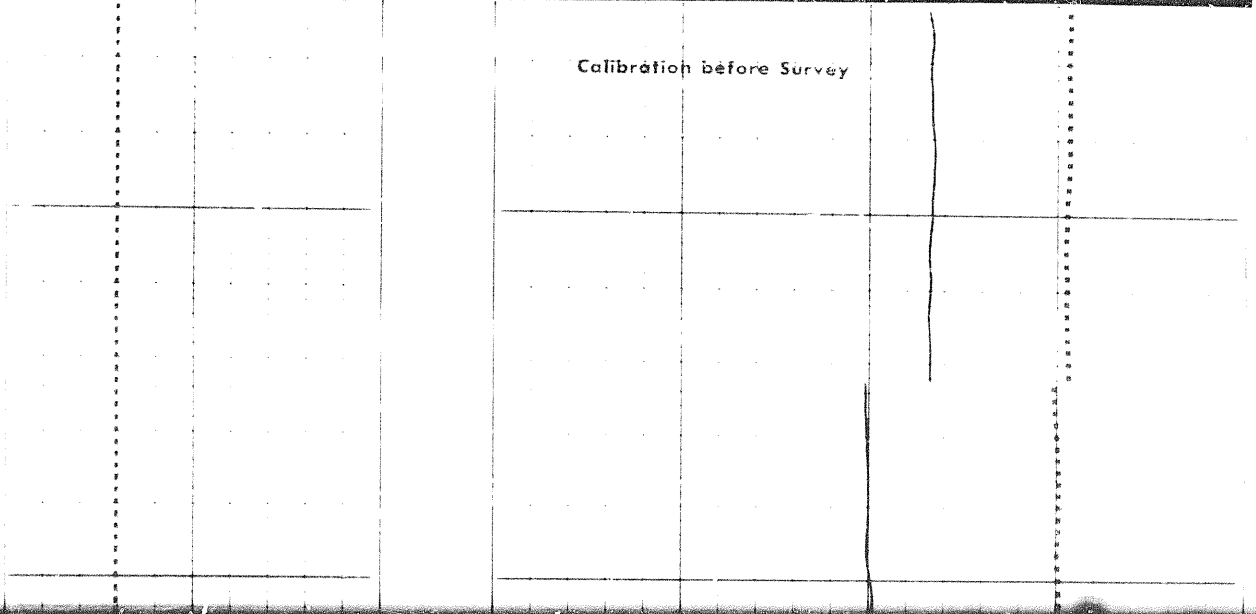
6	7	8	9	10	11	12	13	14
CALIPER hole diameter in inches								
Sens Zero				T.C div to left				

0.25	0	0.25
DENSITY CORRECTION $\Delta\rho$ - gm/cc		
2.0	2.5	3.0

GAMMA RAY API UNITS
------------------------

DEPTH
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BULK DENSITY $\rho_b$ - gm/cc
----------------------------------



		2.0	2.5	3.0
GAMMA RAY API UNITS	DEPTHS	BULK DENSITY $\rho_b$ - gm/cc		

Calibration before Survey

Test Panel

14914

8" RING

12" RING

Calibration after Survey

COMPANY IMPERIAL OIL ENTERPRISES LTD.

WELL ICE SPRING RIVER YT N-68

FIELD PROVINCE YUKON TERRITORIES

