

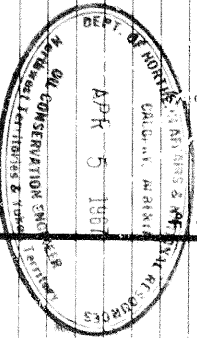
SCHLUMBERGER

MICROLOG CALIPER
 SCHLUMBERGER OF CANADA Calgary, Alberta

PROVINCE YUKON TERRITORY
 FIELD PEEL RIVER
 WELL SHELL PEEL R YI K-9
 COMPANY SHELL CANADA LIMITED

COMPANY SHELL CANADA LIMITED
 WELL SHELL PEEL R YI K-9
 FIELD PEEL RIVER
 PROVINCE YUKON TERRITORY
 LOCATION 66° 18' 35.72"N 134° 01' 02.22"W
 Permanent Datum GL Elev 1134.3
 Log Measured From KB 12.5 Ft Above Perm Datum
 Other Services:
 BS-CR, LES, FDD, G1S, CST
 ELEV KB 1134.3
 GL 1134.3
 CBF

Date	2 MAR 67
Run No.	ONE
First Reading	5013
Last Reading	563
Depth Measured	1450
Depth Reached	5014
Bottom Driller	5027
Csg. SOC	563
Csg. Driller	562
Mud Nature	CEL
Dens. Visc.	9.7 70
Mud pH	-
Water Loss	5.4
Res. @ BHT	11 @ 123 °F
Rmi	0.99 @ 64 °F
Rmc	1.30 @ 64 °F
Bit Size	6 3/4"
Mud log:	
Rm	0.85
Lmrl	UPPER
Depth	14980
Op. Rig Time	3 HRS
Truck No.	SKW-M 1576
Recorded By	PHILLIPS
Witness	MILLER



MAR 15 1967 CAL PH

REMARKS
 Drilling Stopped 1400 2nd Circulation Stopped 0900 2nd Tool on Bottom 1400 2nd 1st Run Service Order # 36383 B.H.T. 123 °F

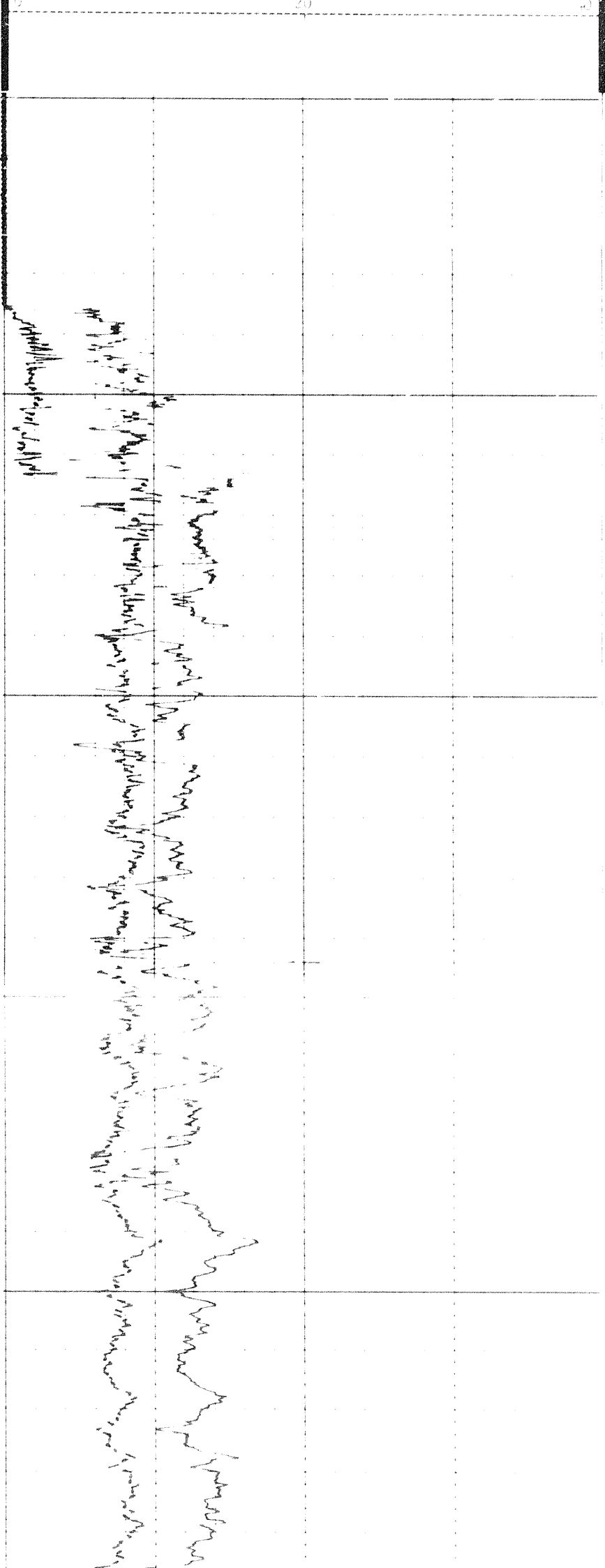
MCP #: 0262 MUD SAMPLES
 PMS #:
 Pad Type - hydraulic
 R1 - 1.1 64°F - 0.58 - 123°F (BHT)
 R2 - 1.1 58°F - 0.58 - 123°F (BHT)
 R3 - 1.1 65°F - 0.58 - 123°F (BHT)

NOTE: BOTTOM JOINT OF SURFACE PIPE APPEARS TO BE SPLIT.

CALIPER		DEPTHS	MICROLOG							
hole diameter in inches			resistivity in ohms m/m							
6	7	8	9	10	11	12	13	14	Micro Inverse 1' x 1'	20
									Micro Normal 2'	20

Speed in FPM

100

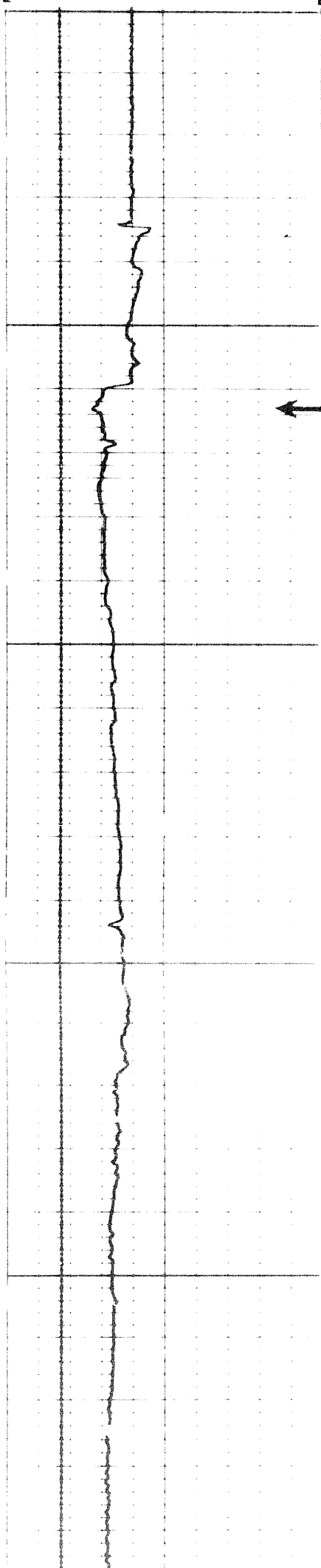


100

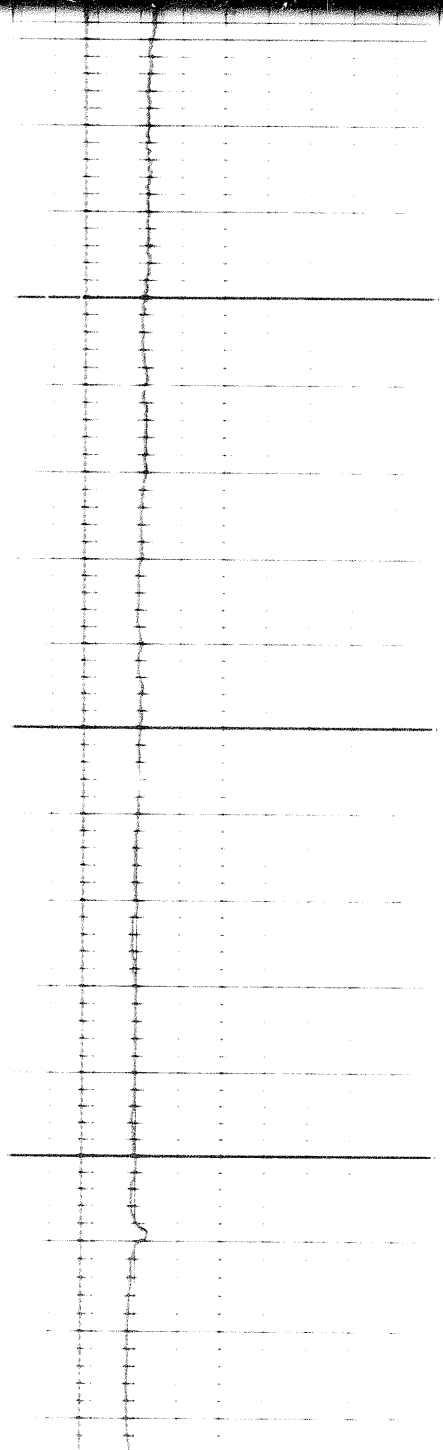
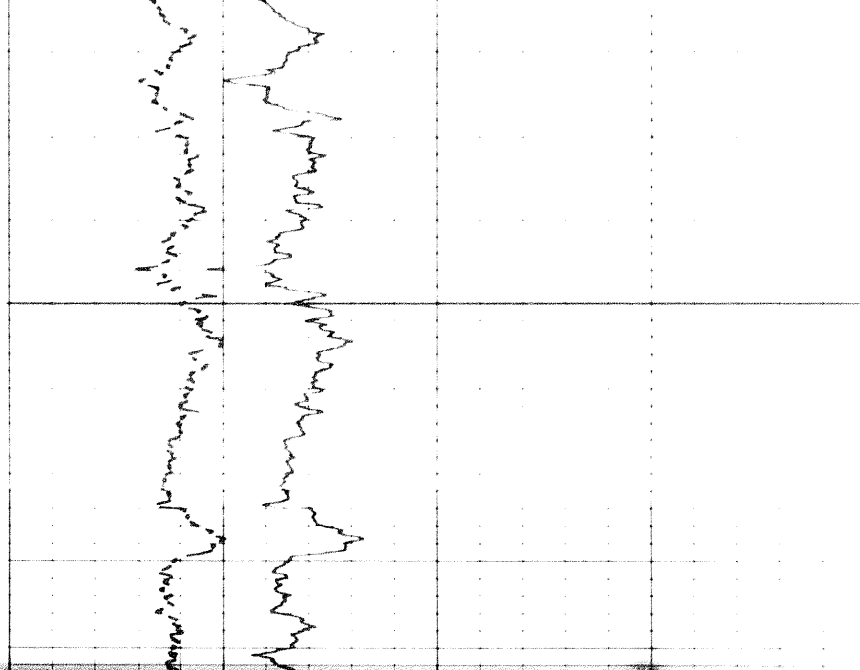
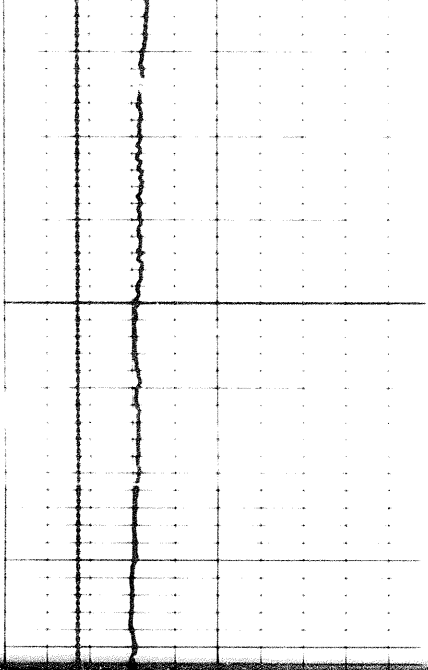
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0700

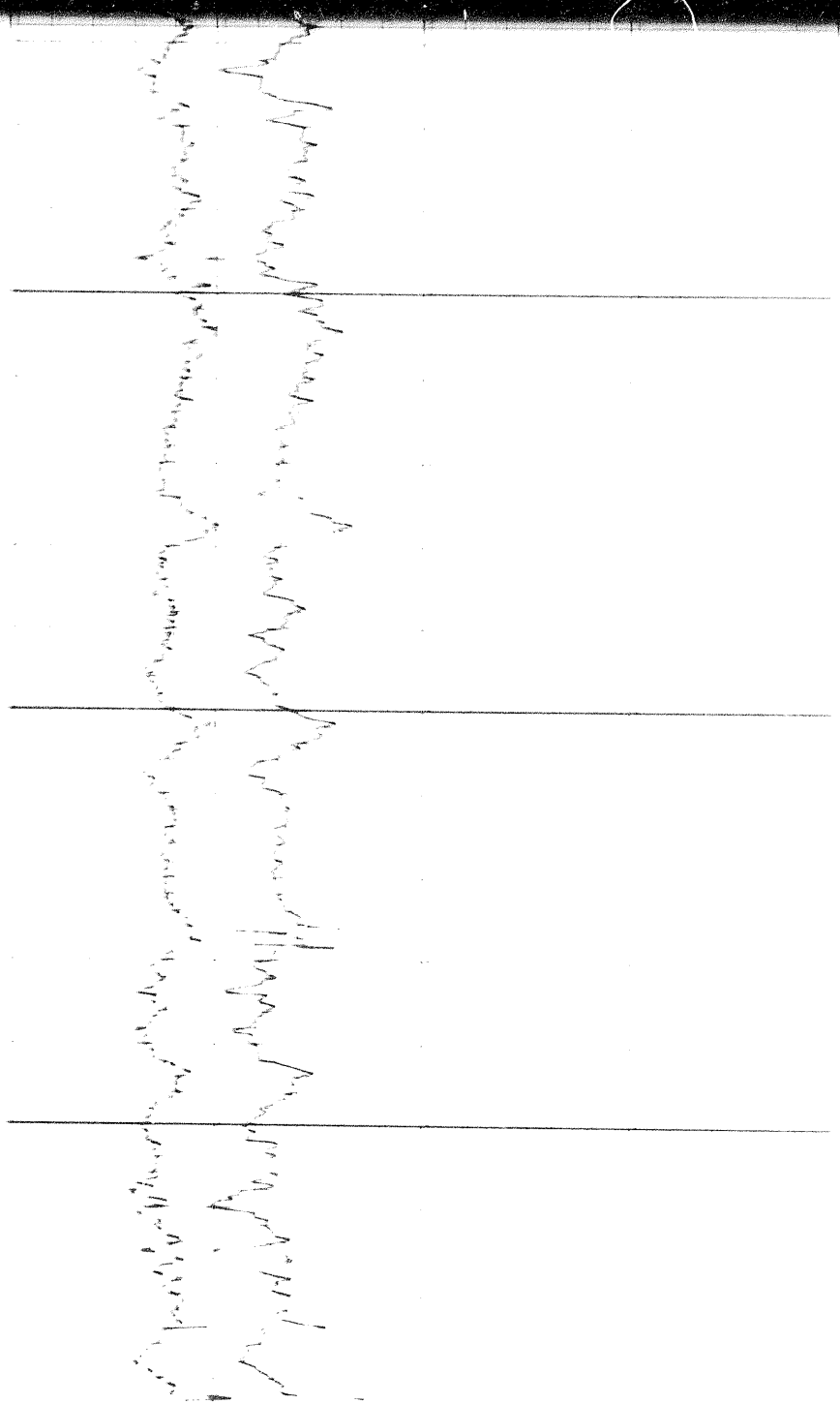
Casing

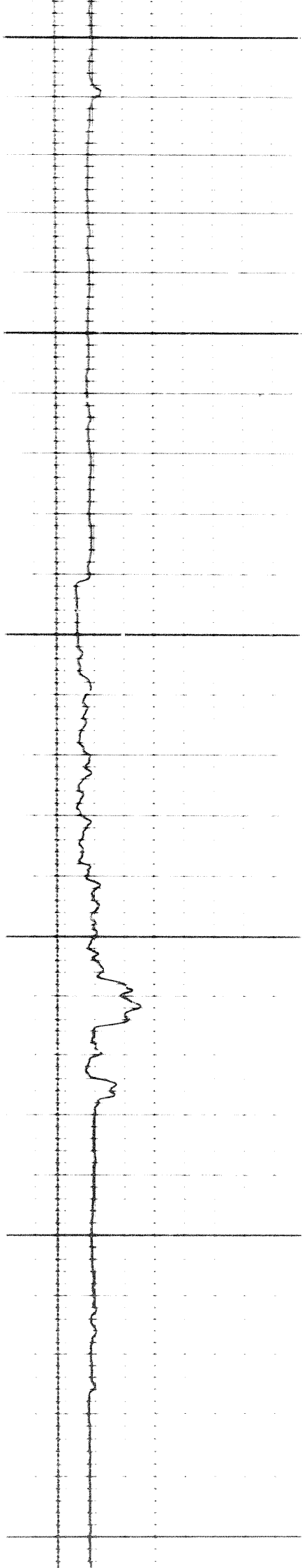


108



VII/BI

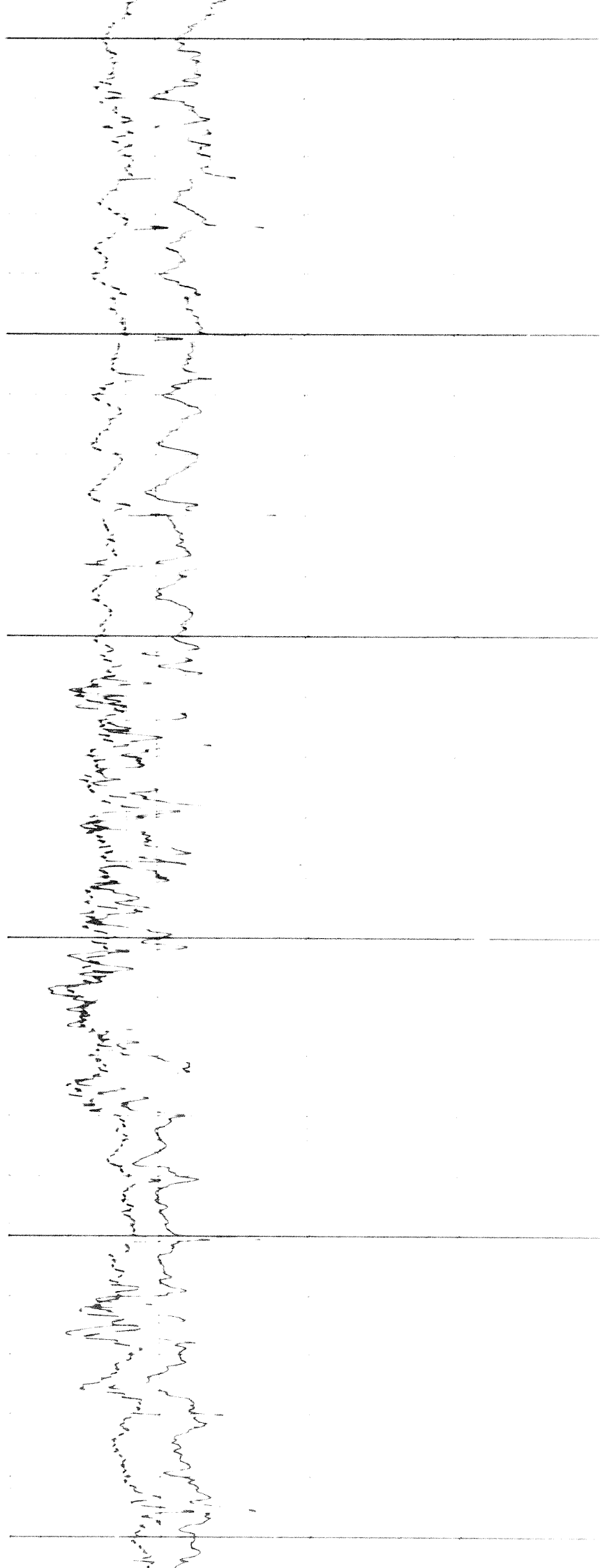


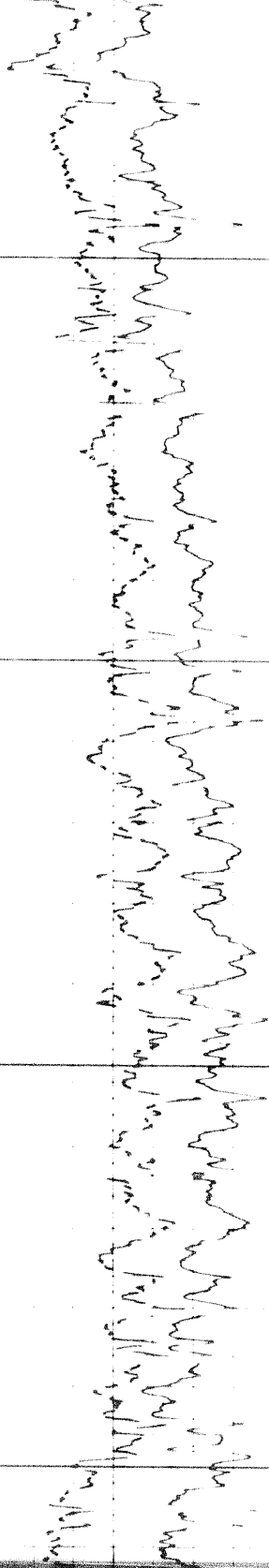


10000

10000

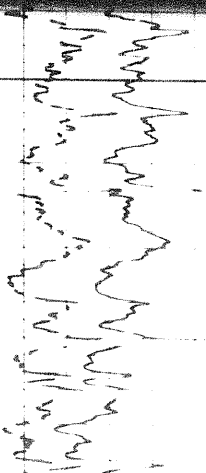
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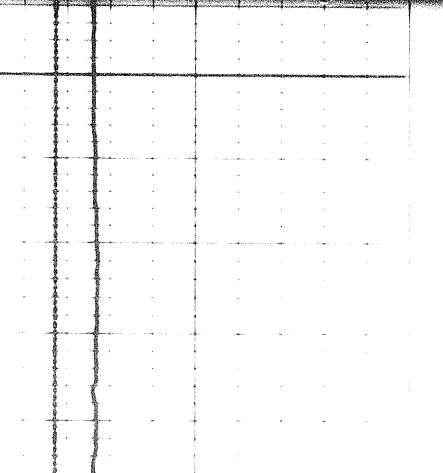
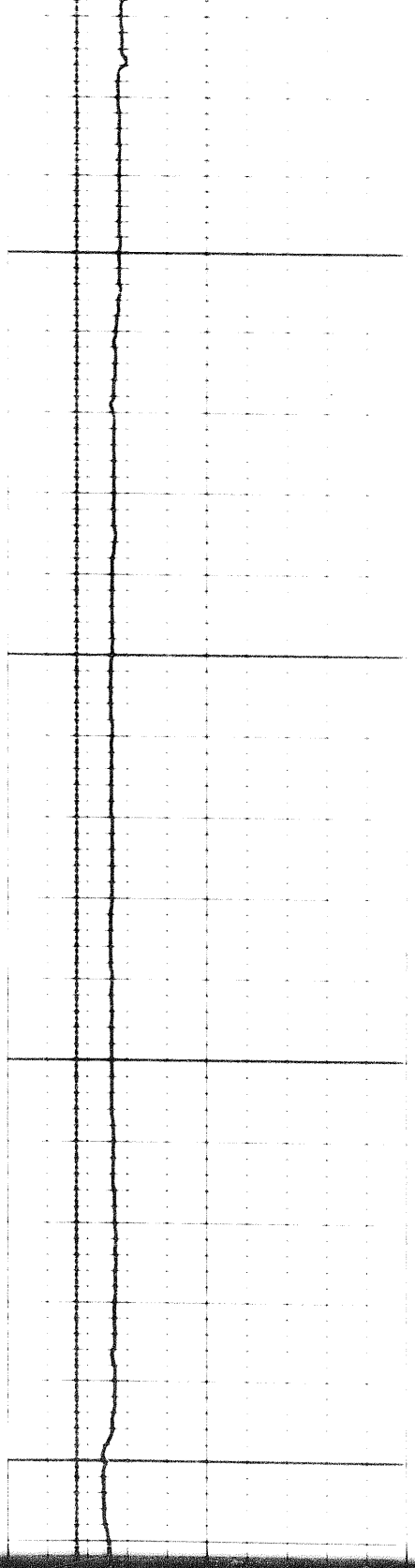


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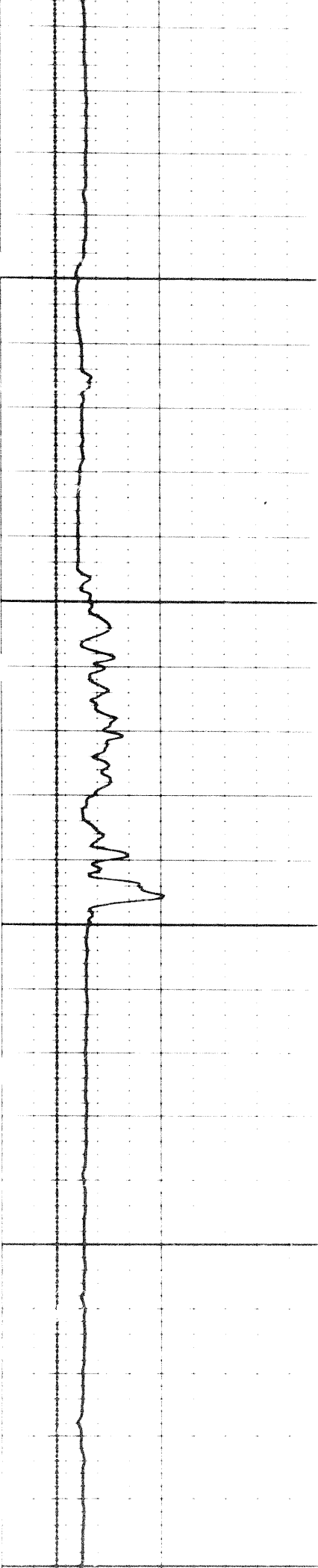
1200



1200

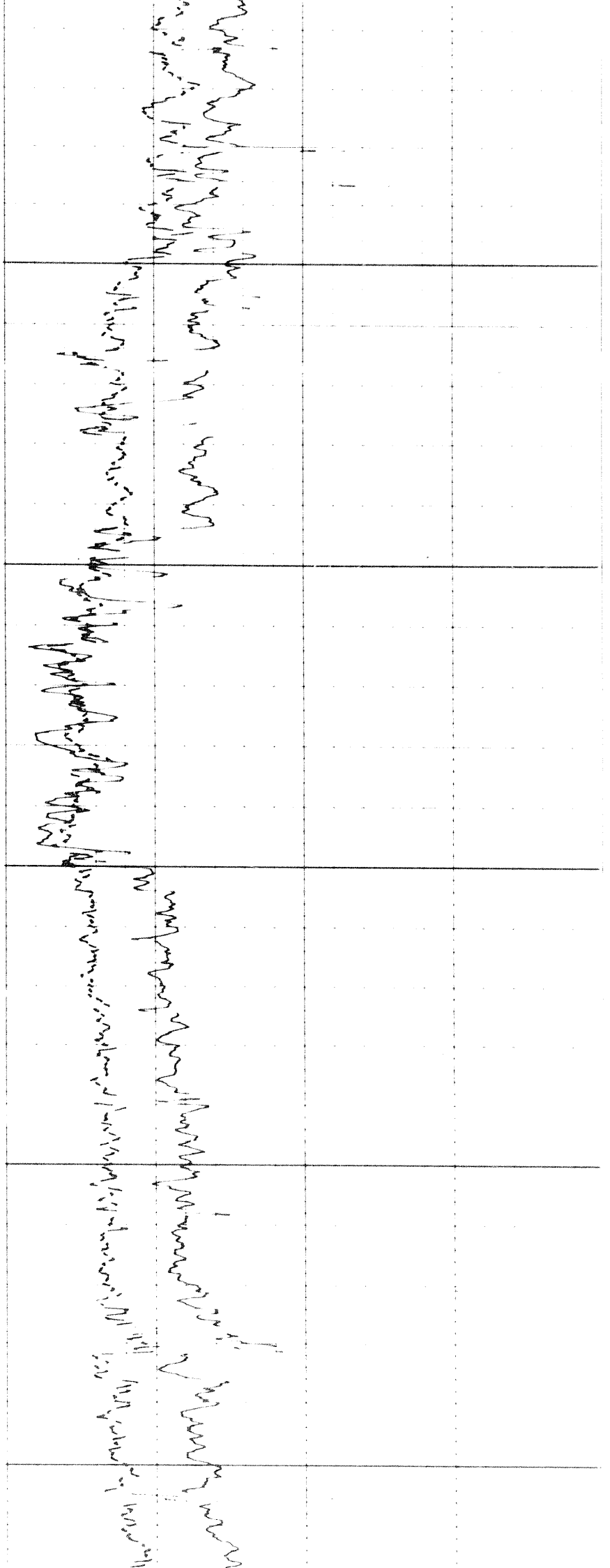


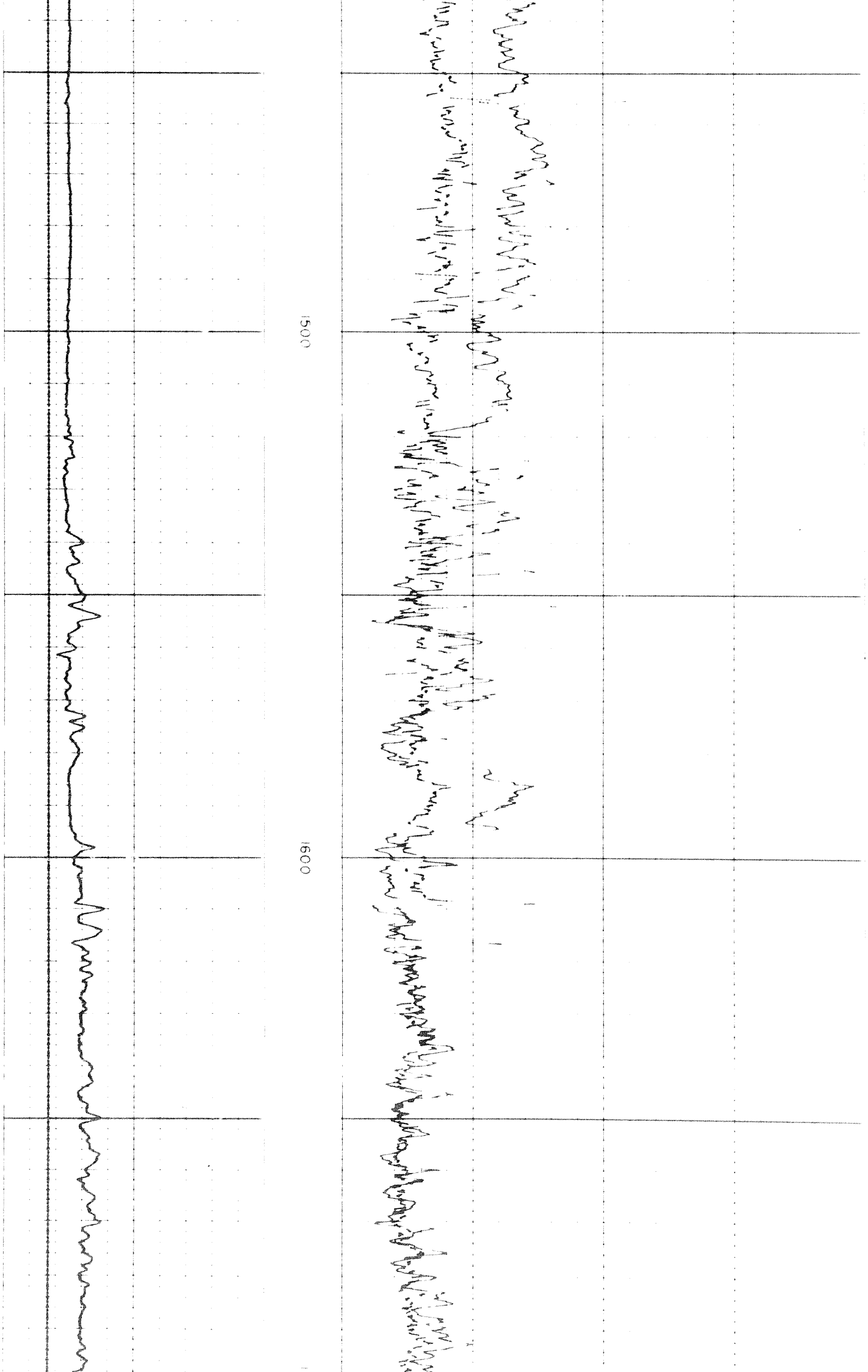
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1400

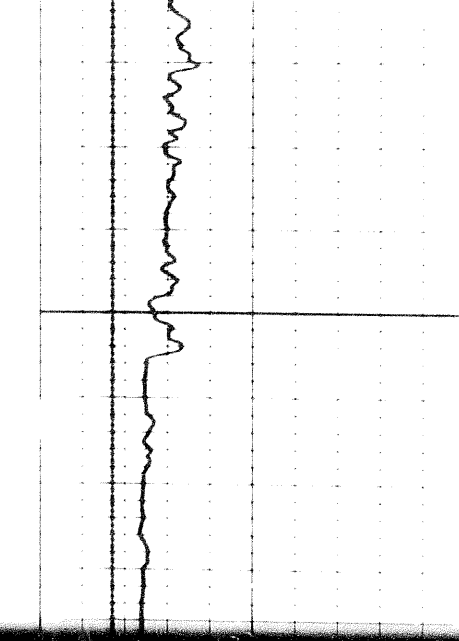




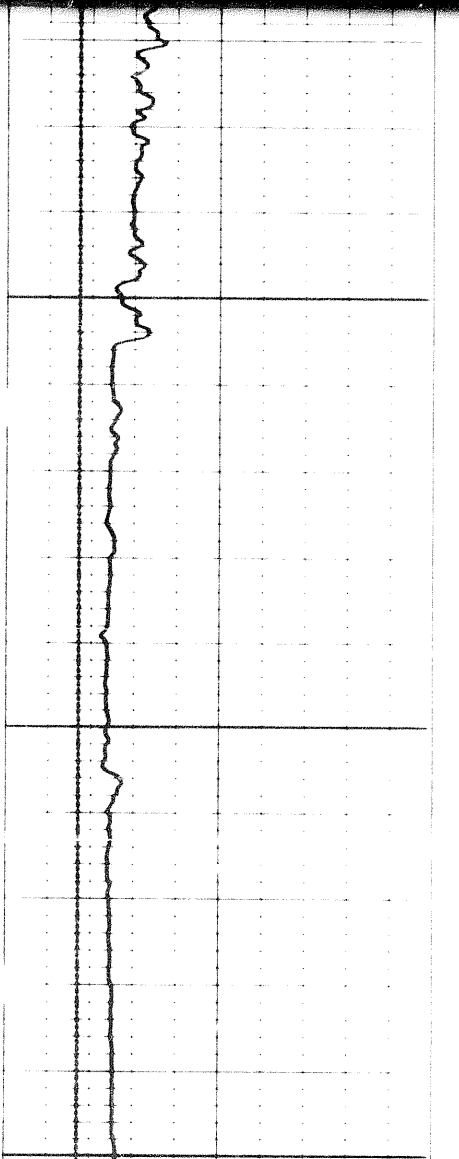
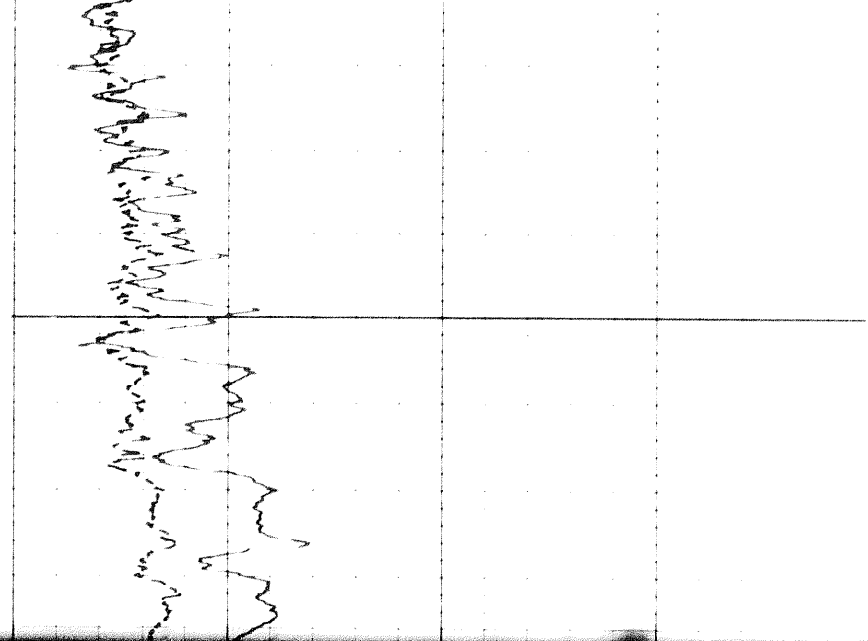
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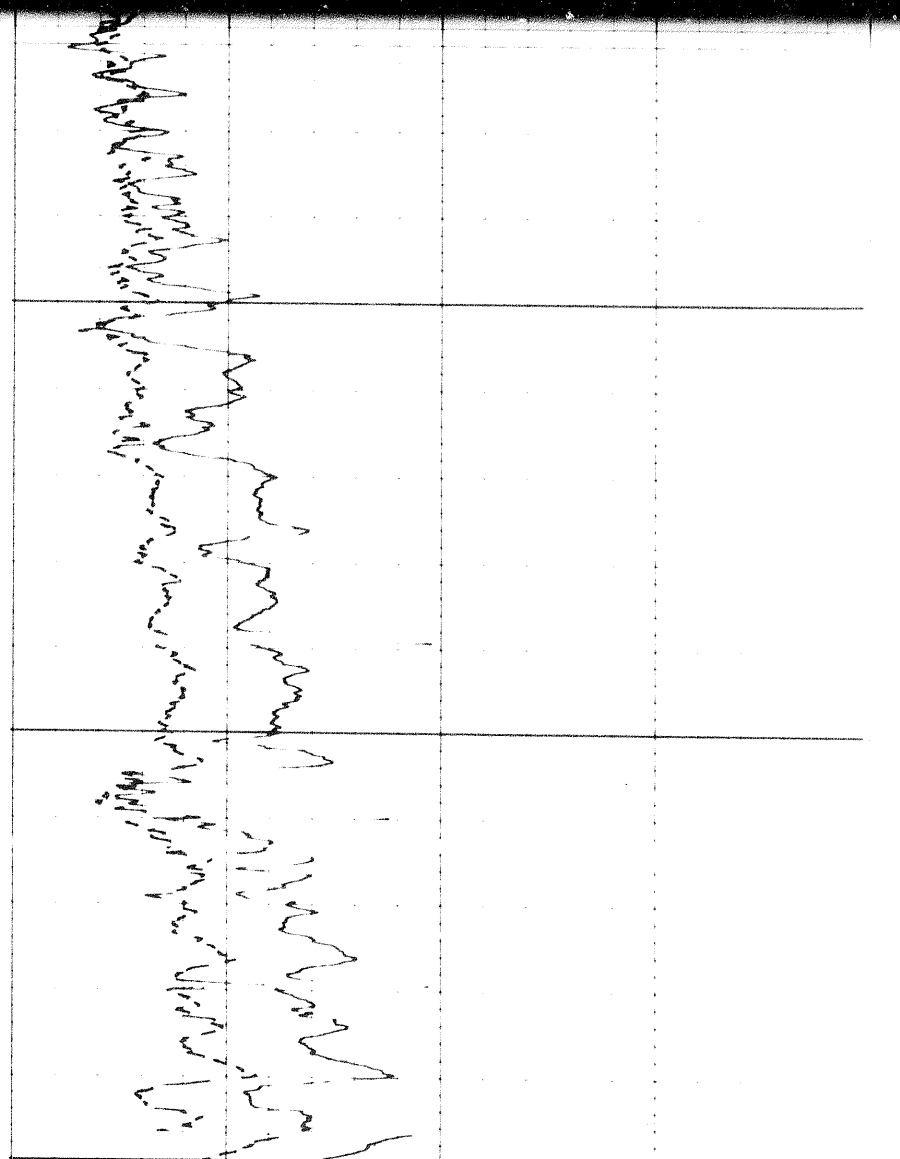
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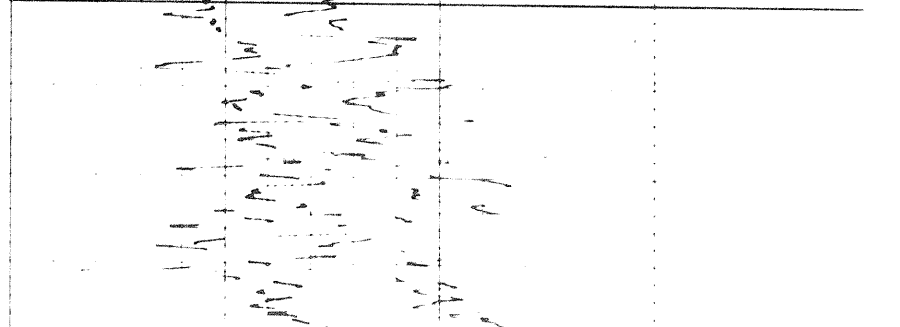
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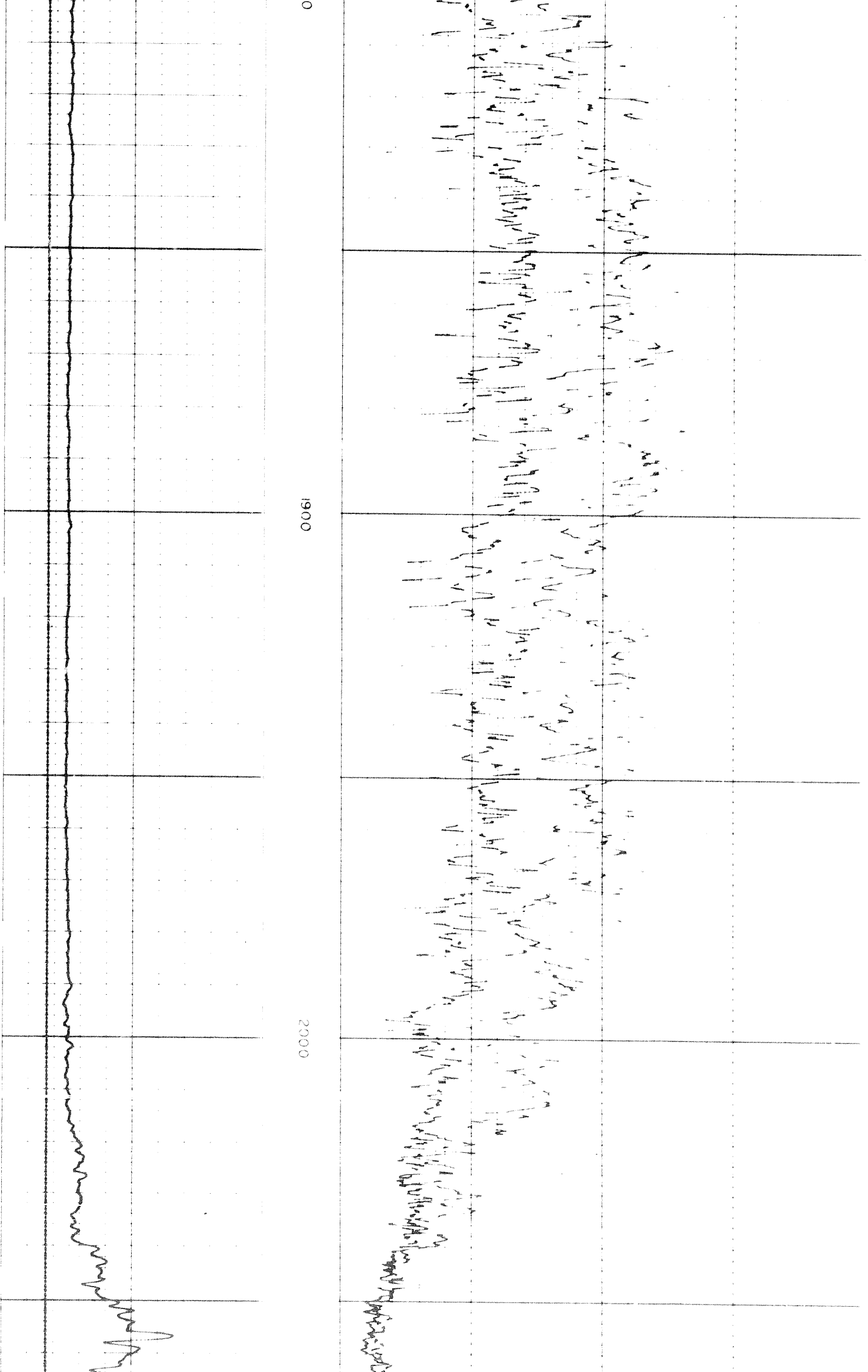


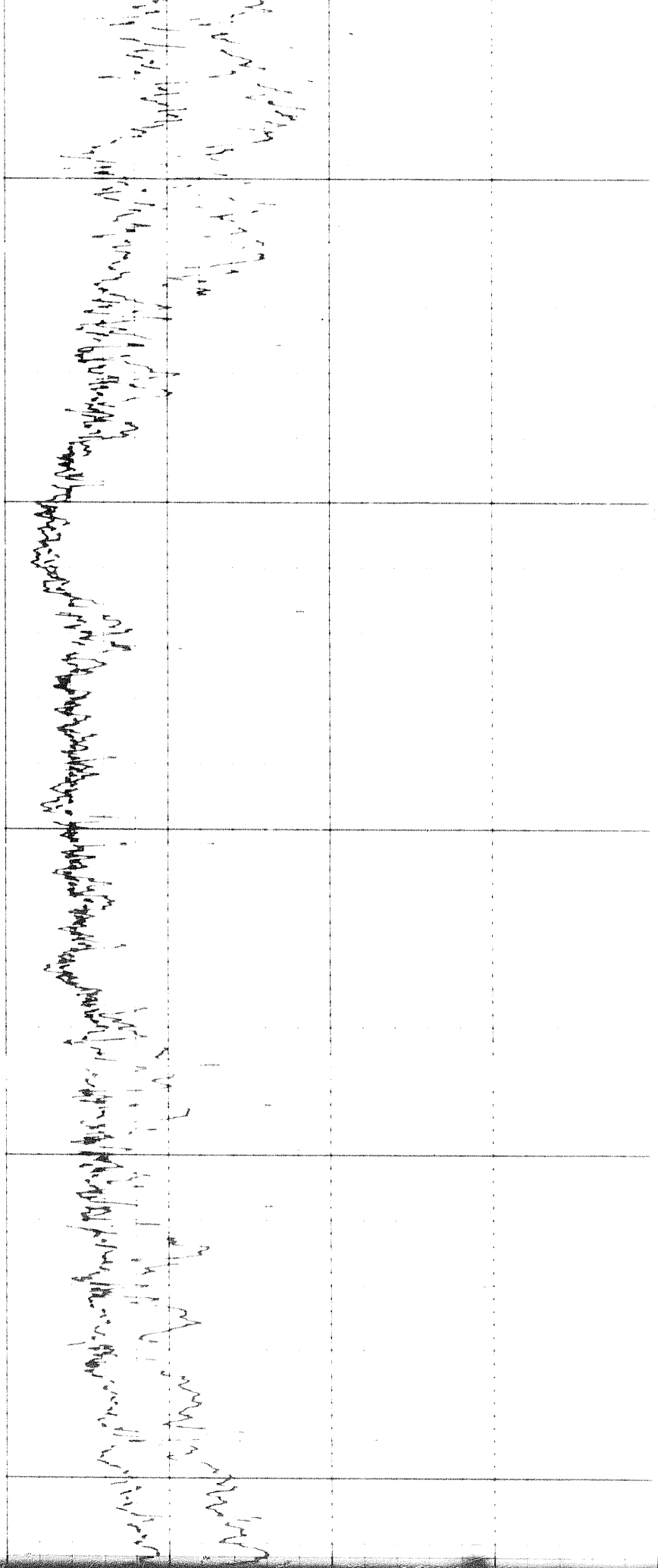
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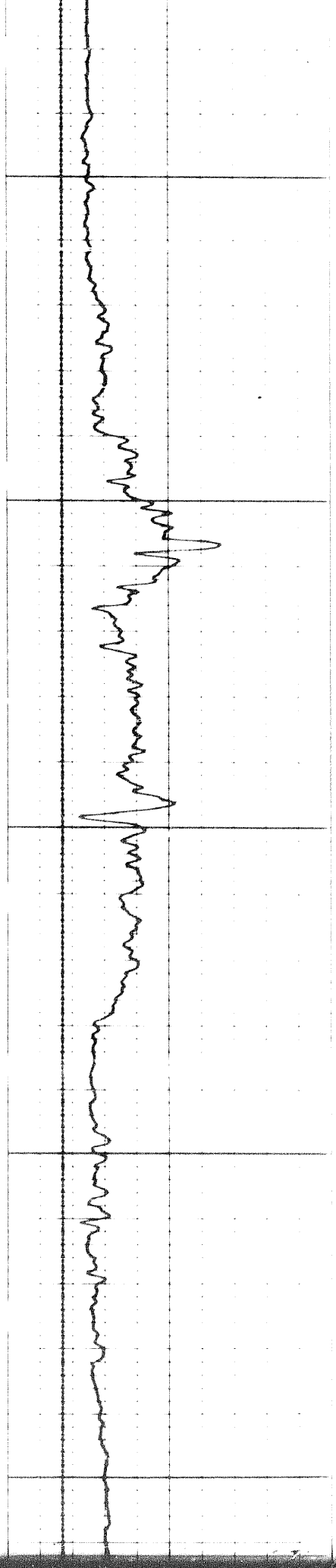


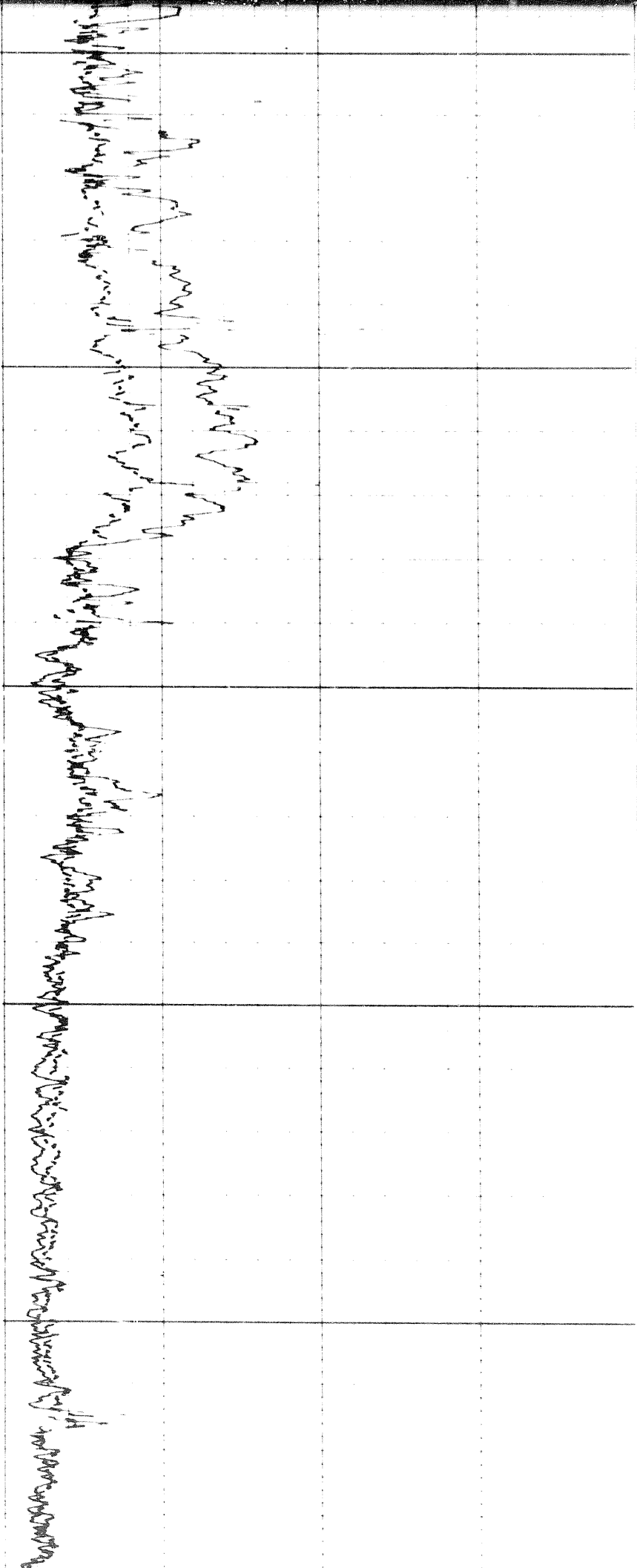


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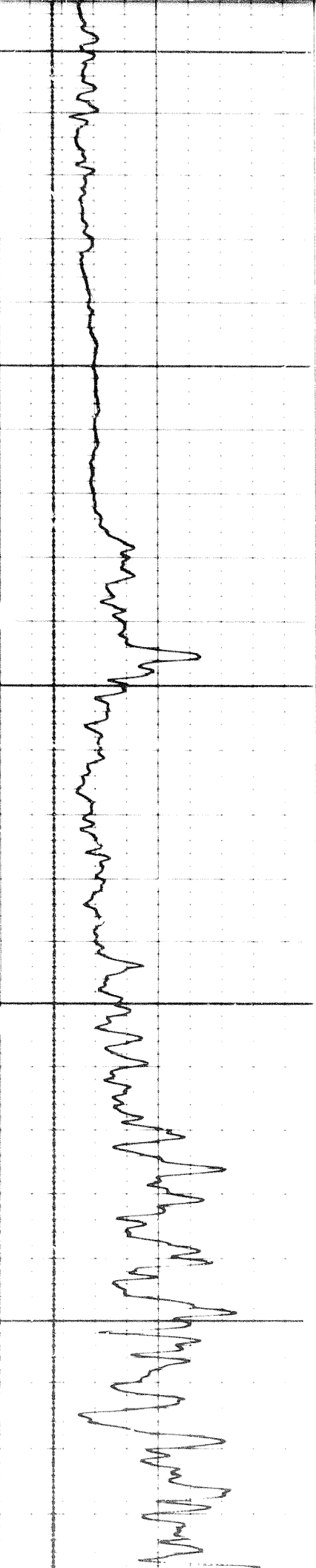
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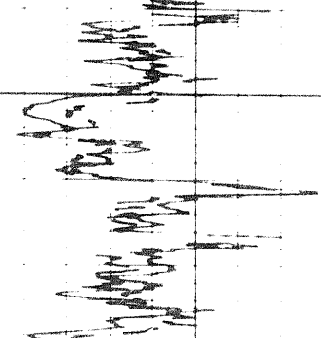
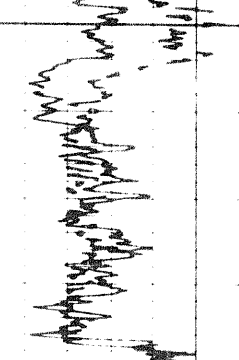
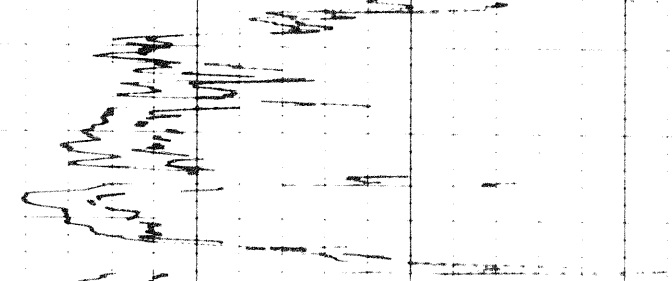


2200

2300



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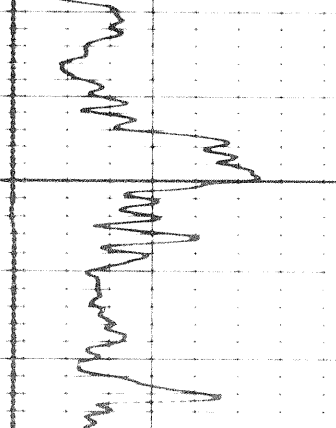
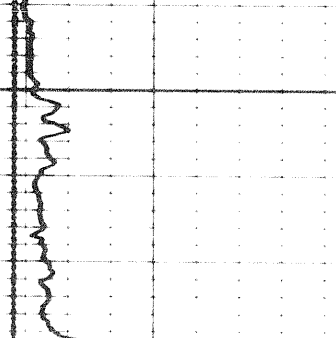
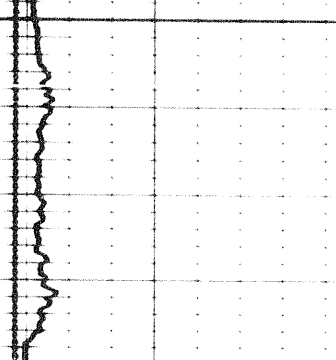
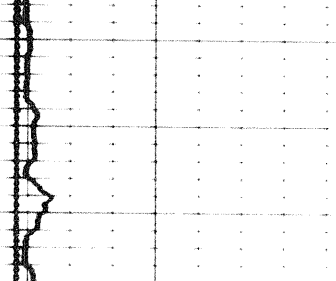
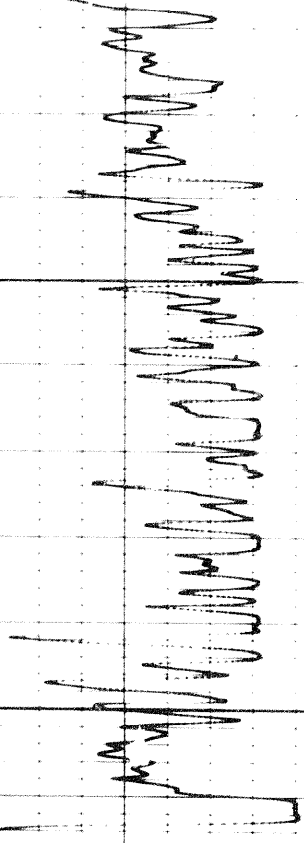


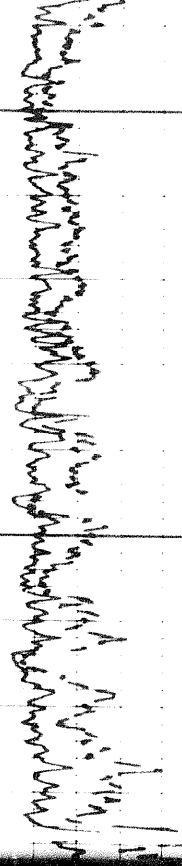
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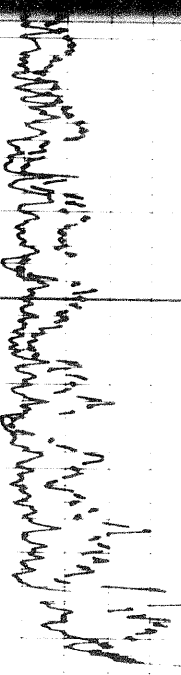
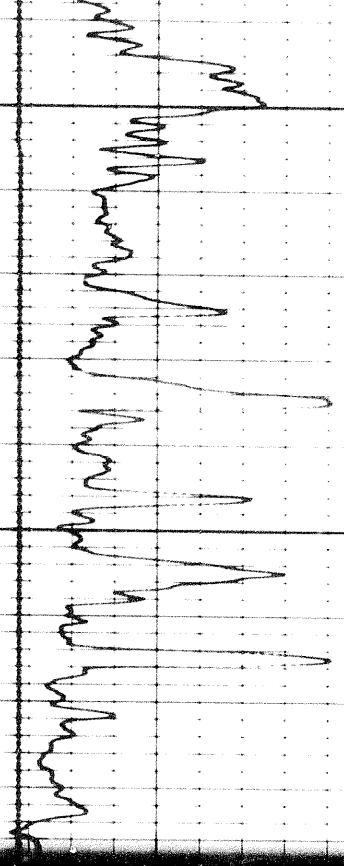
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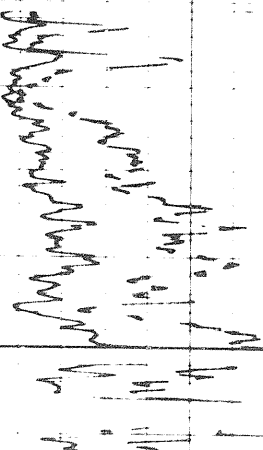
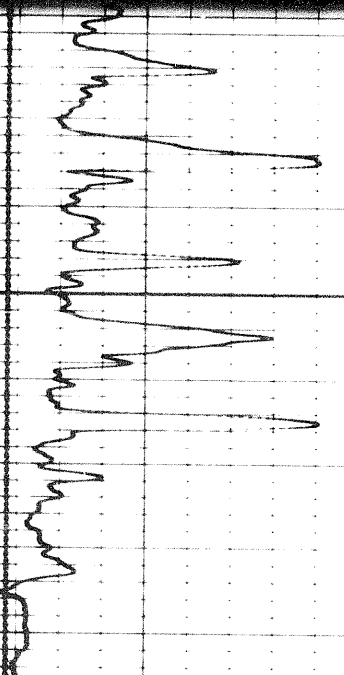




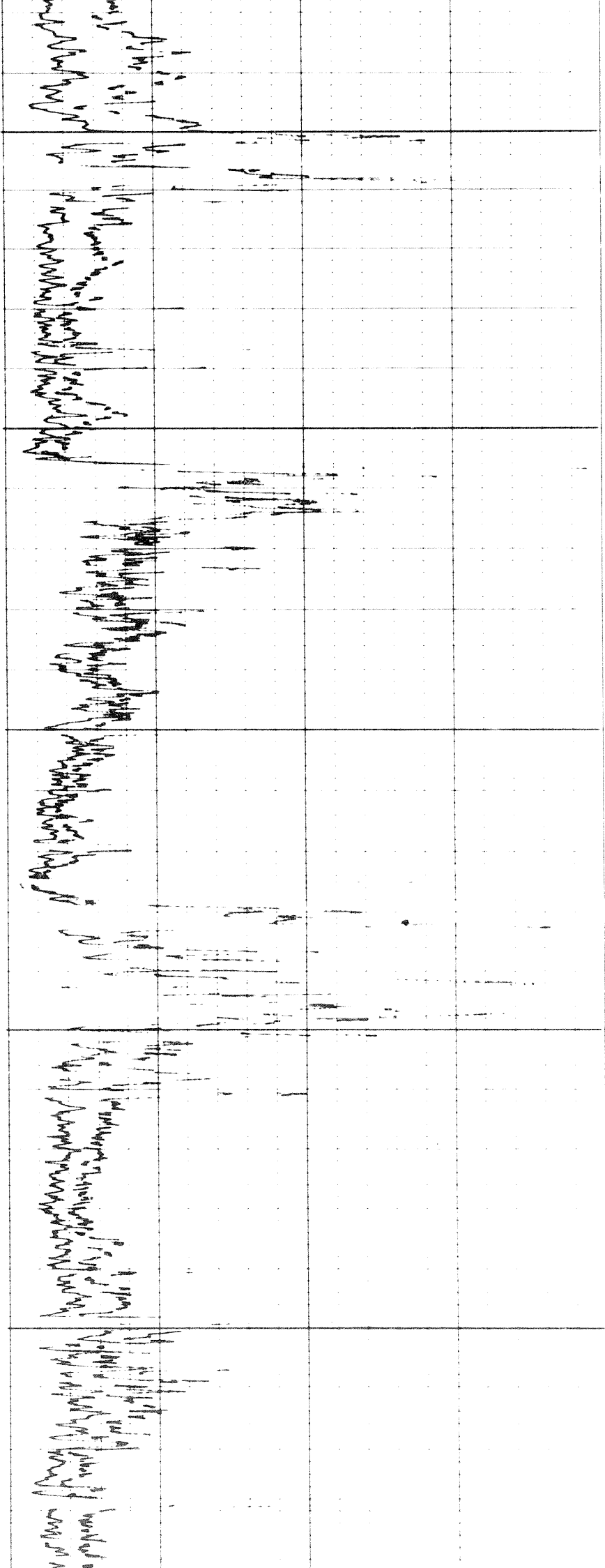
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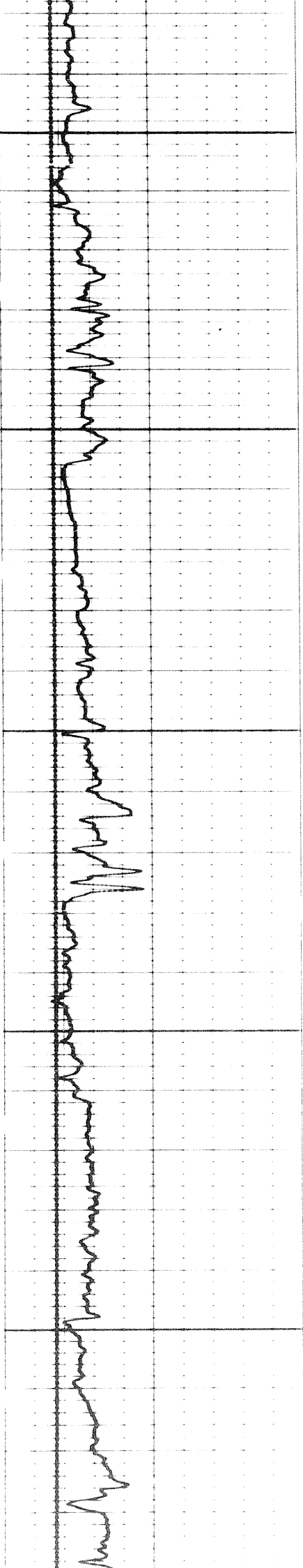


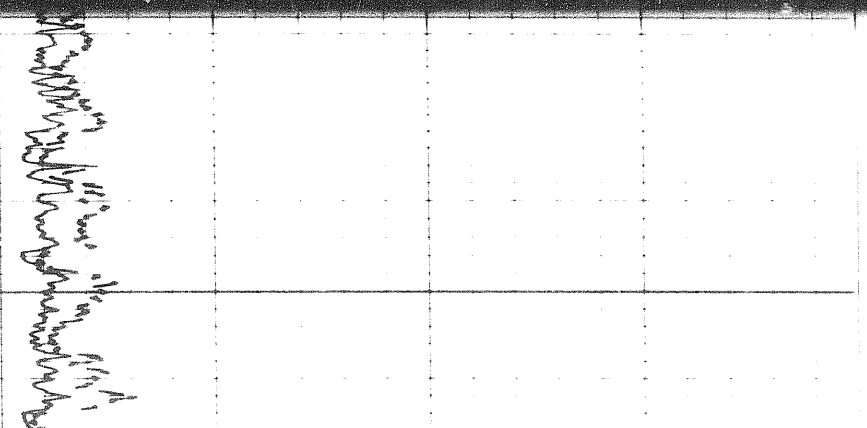
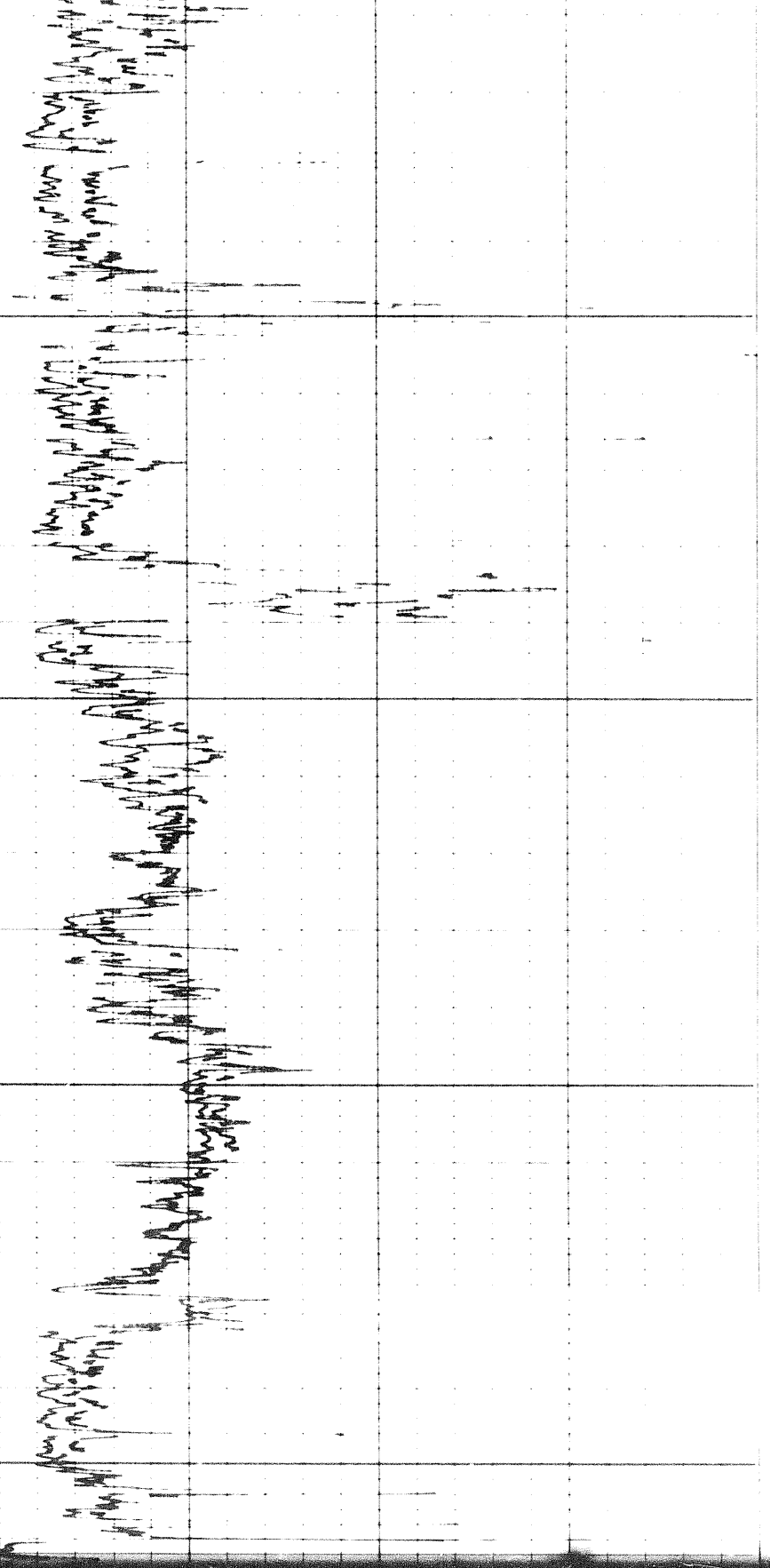
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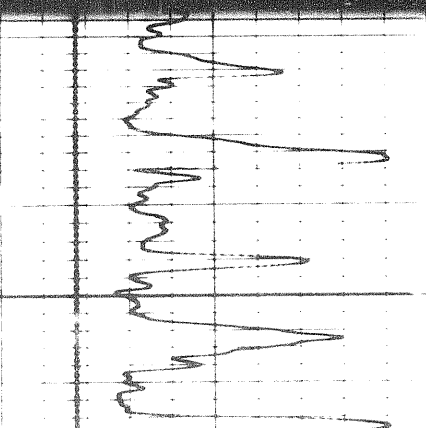
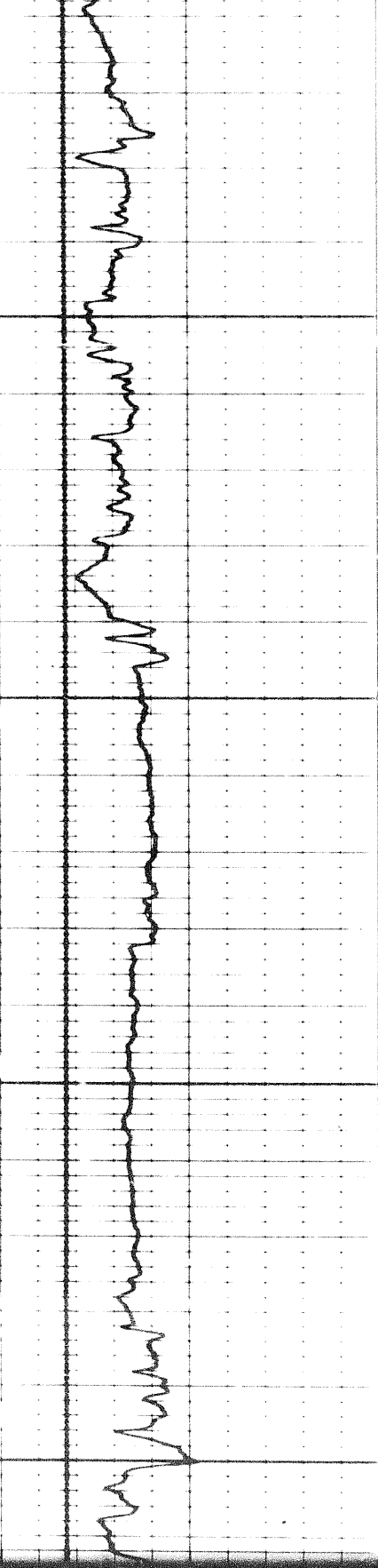
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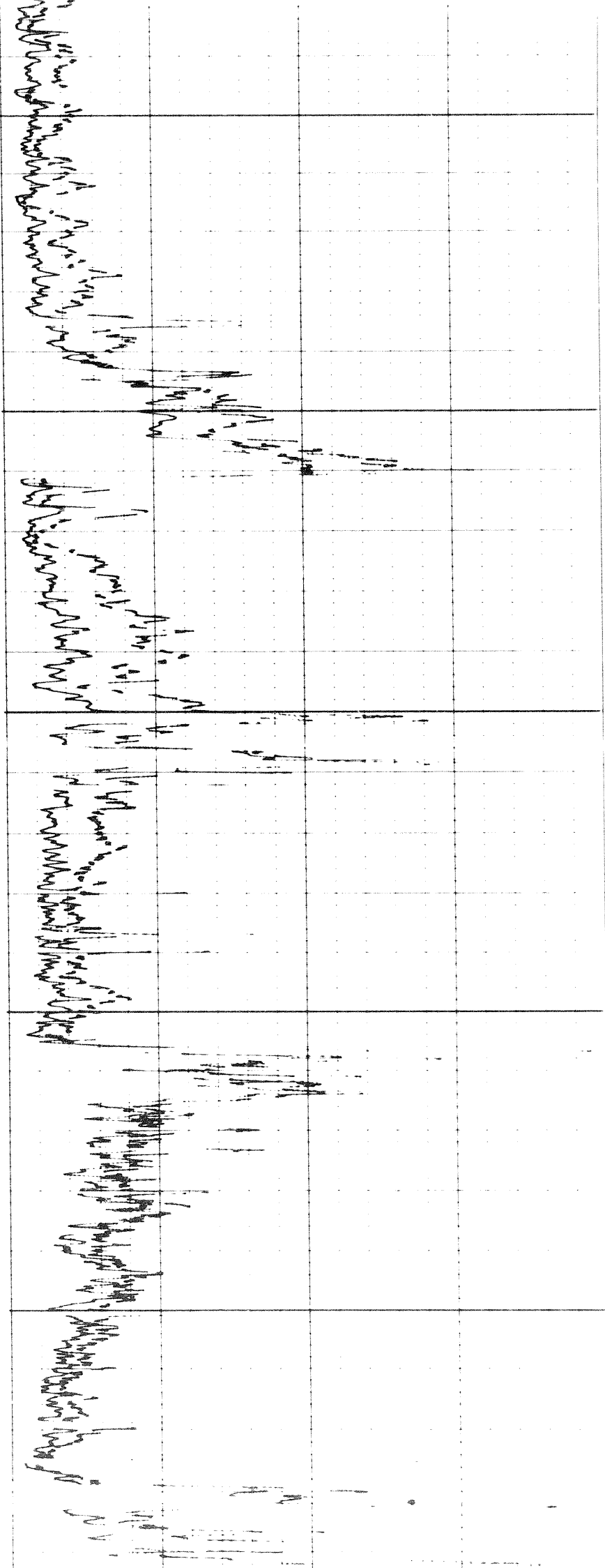




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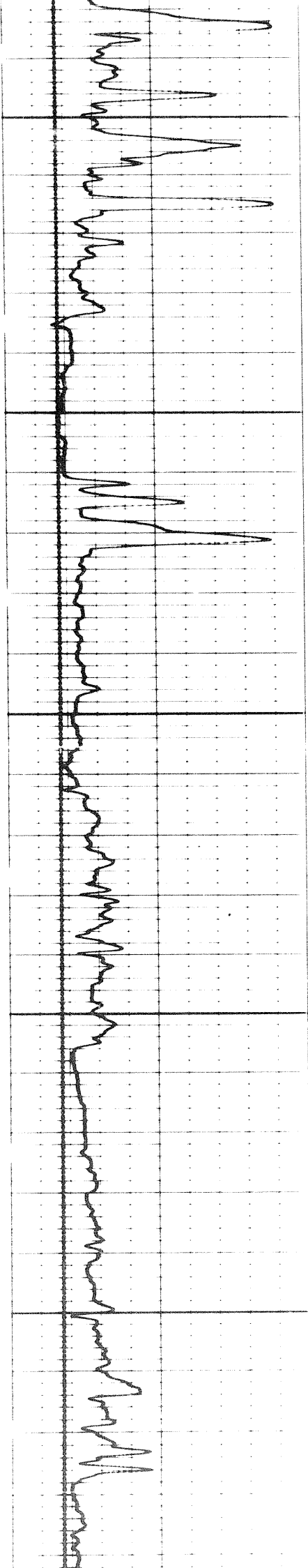
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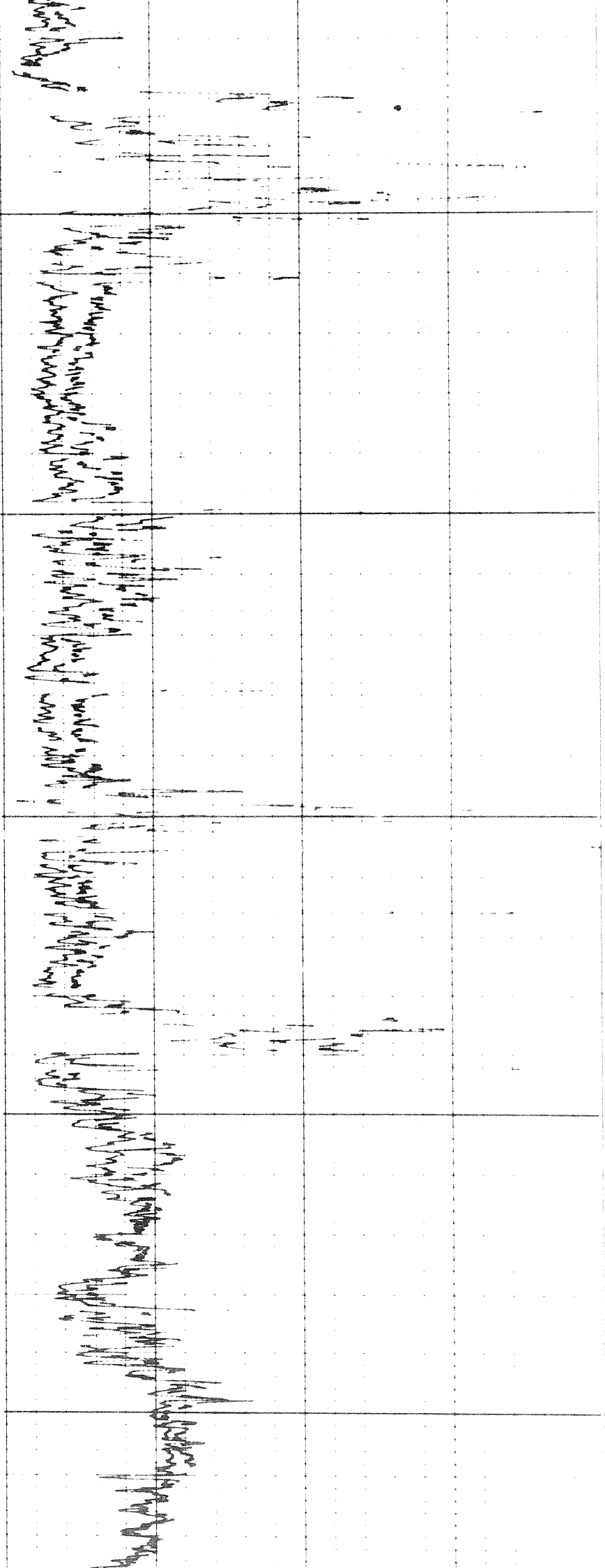




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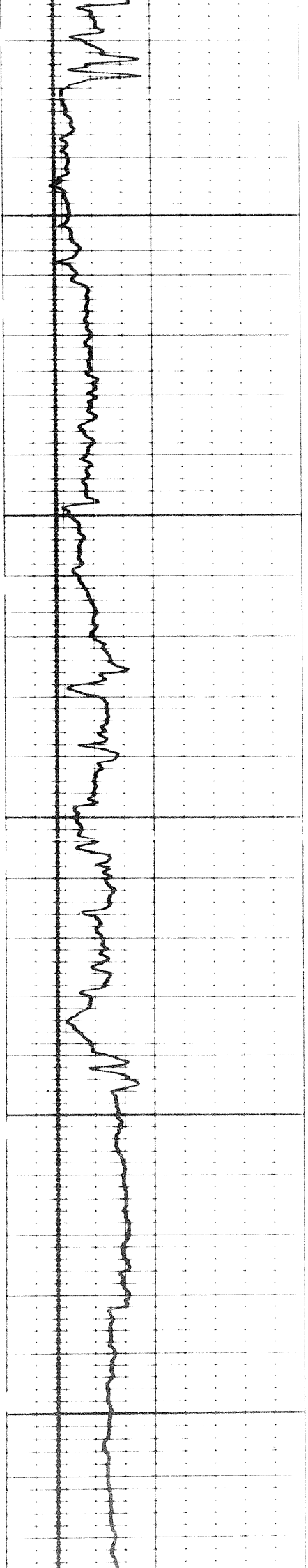


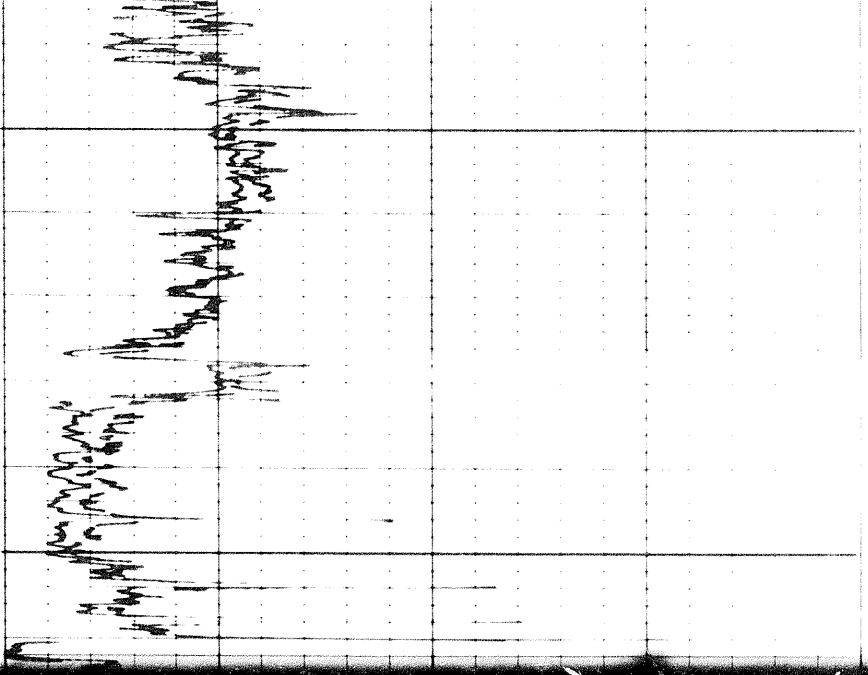


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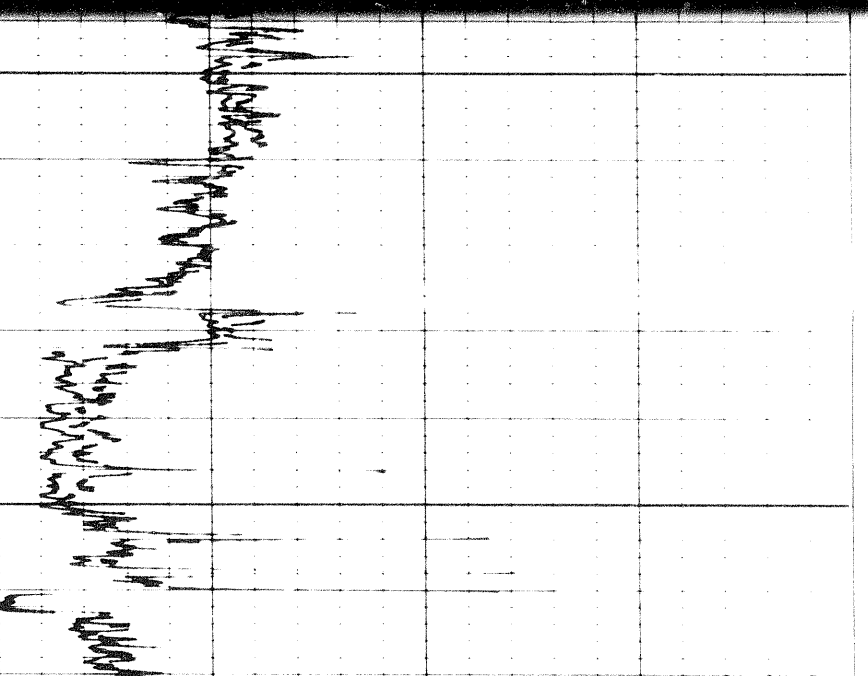
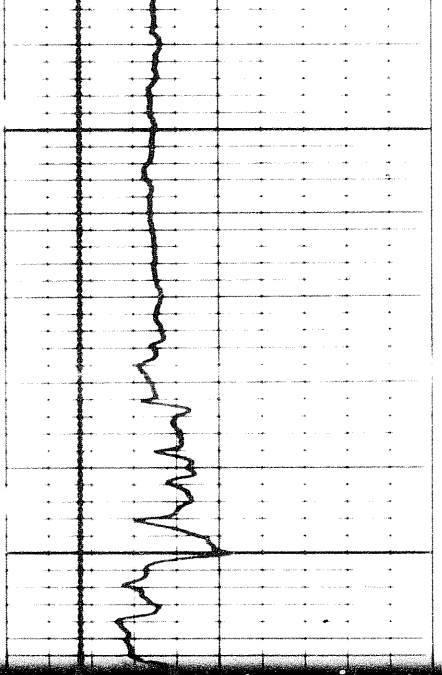
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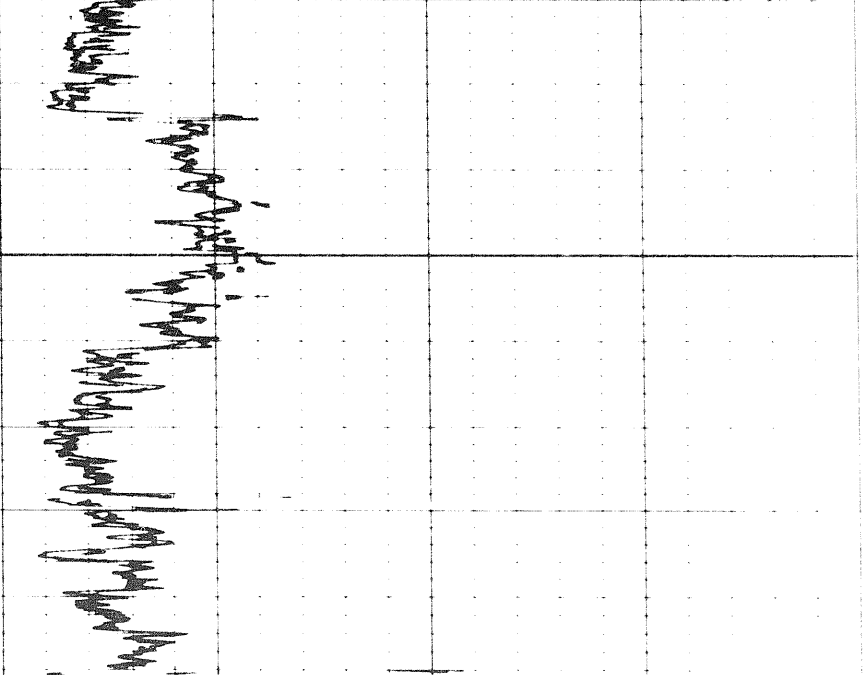




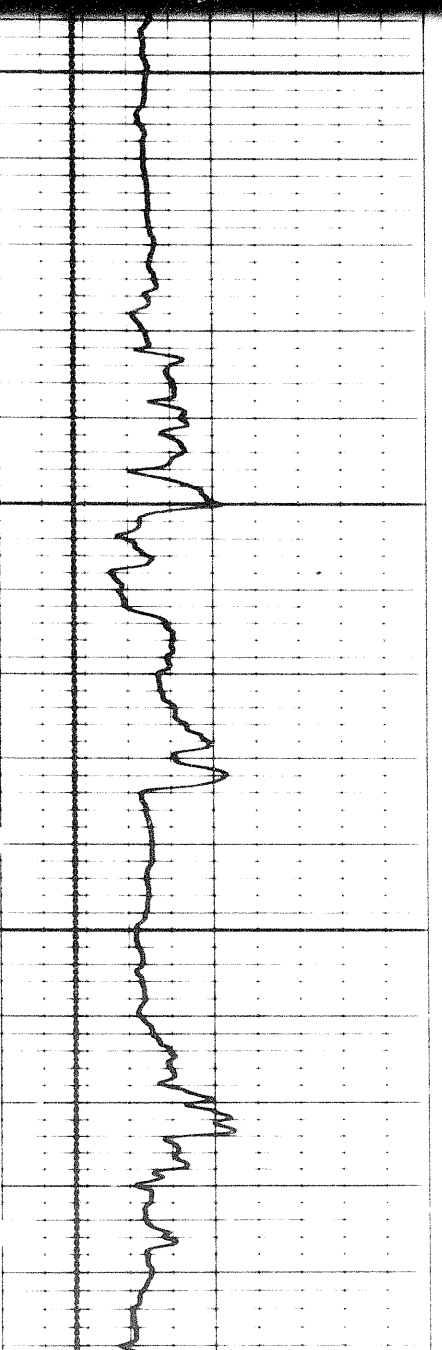
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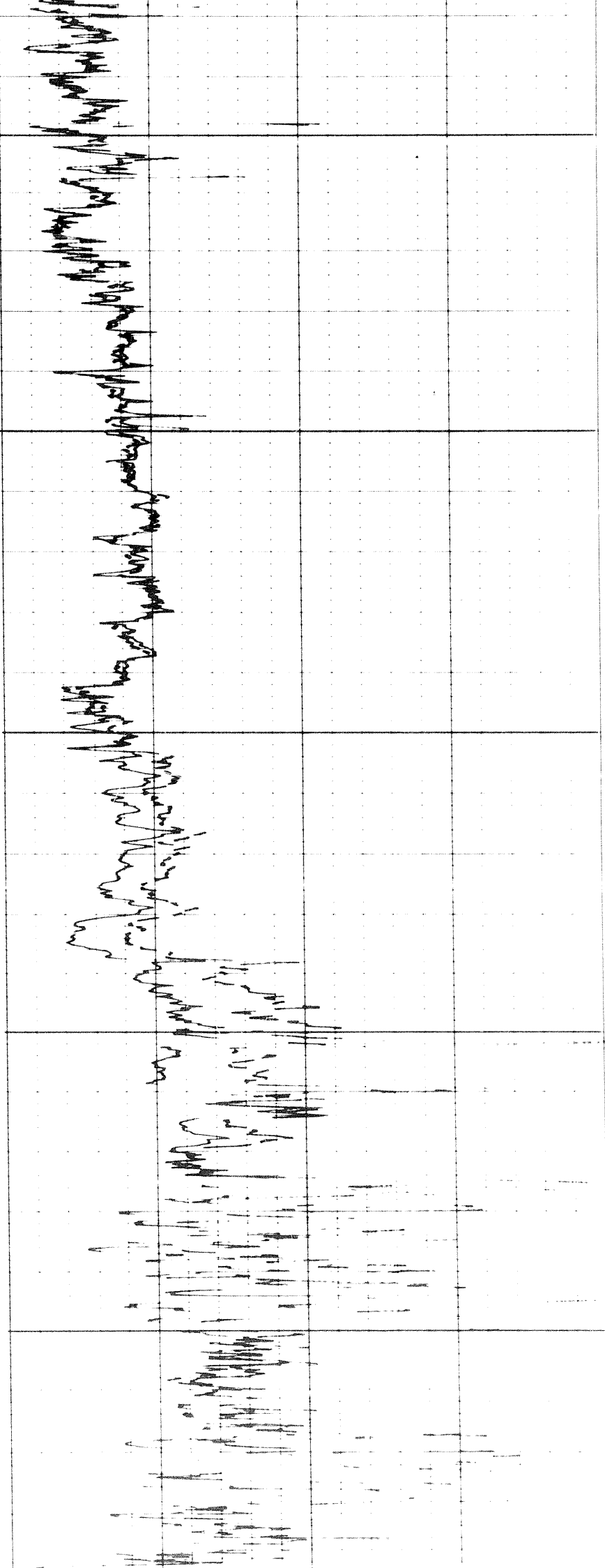
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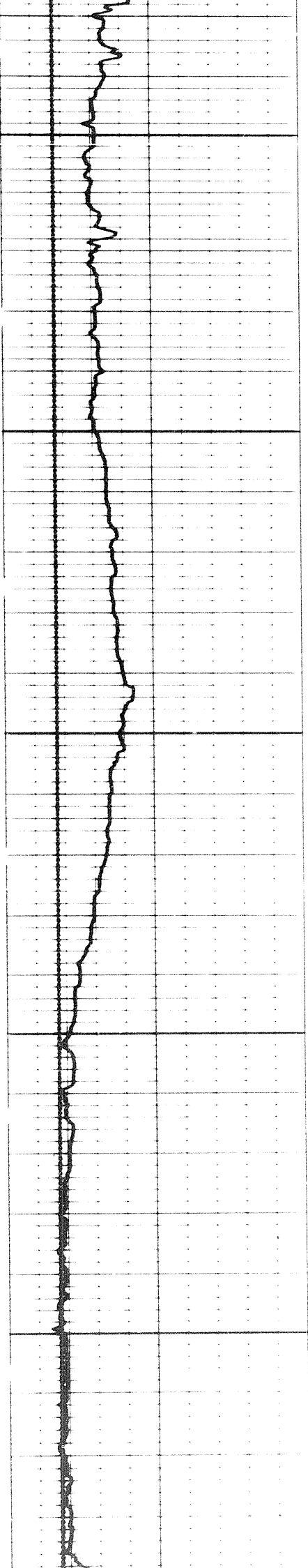
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Lead

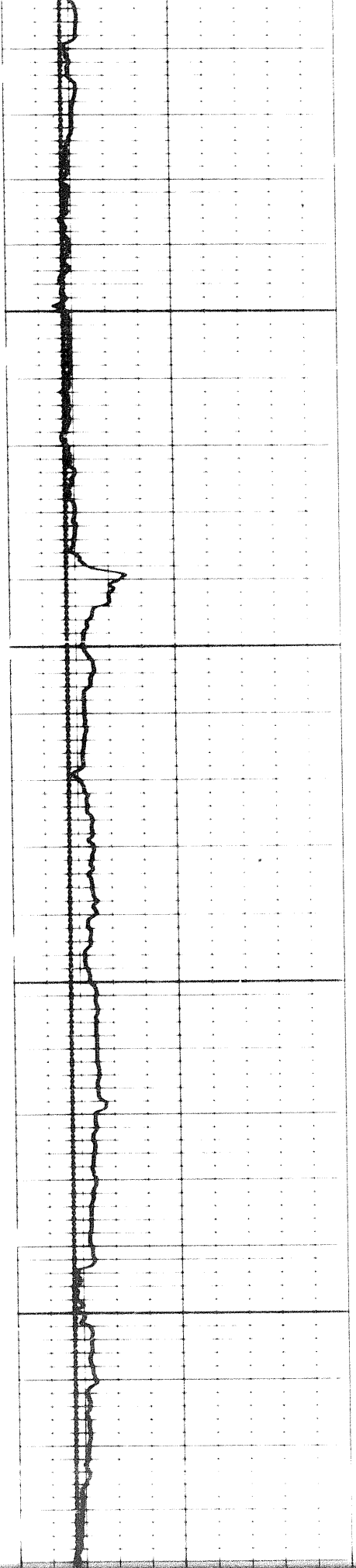


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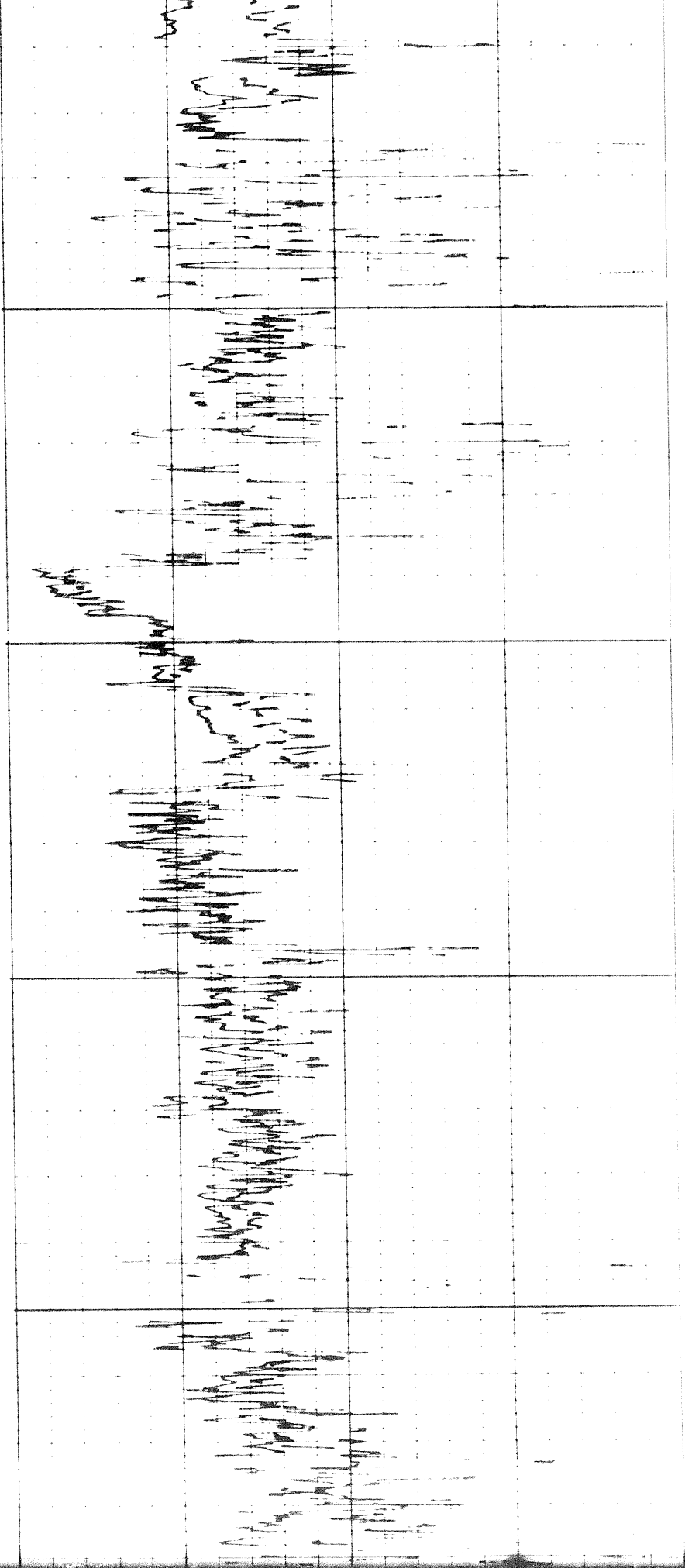
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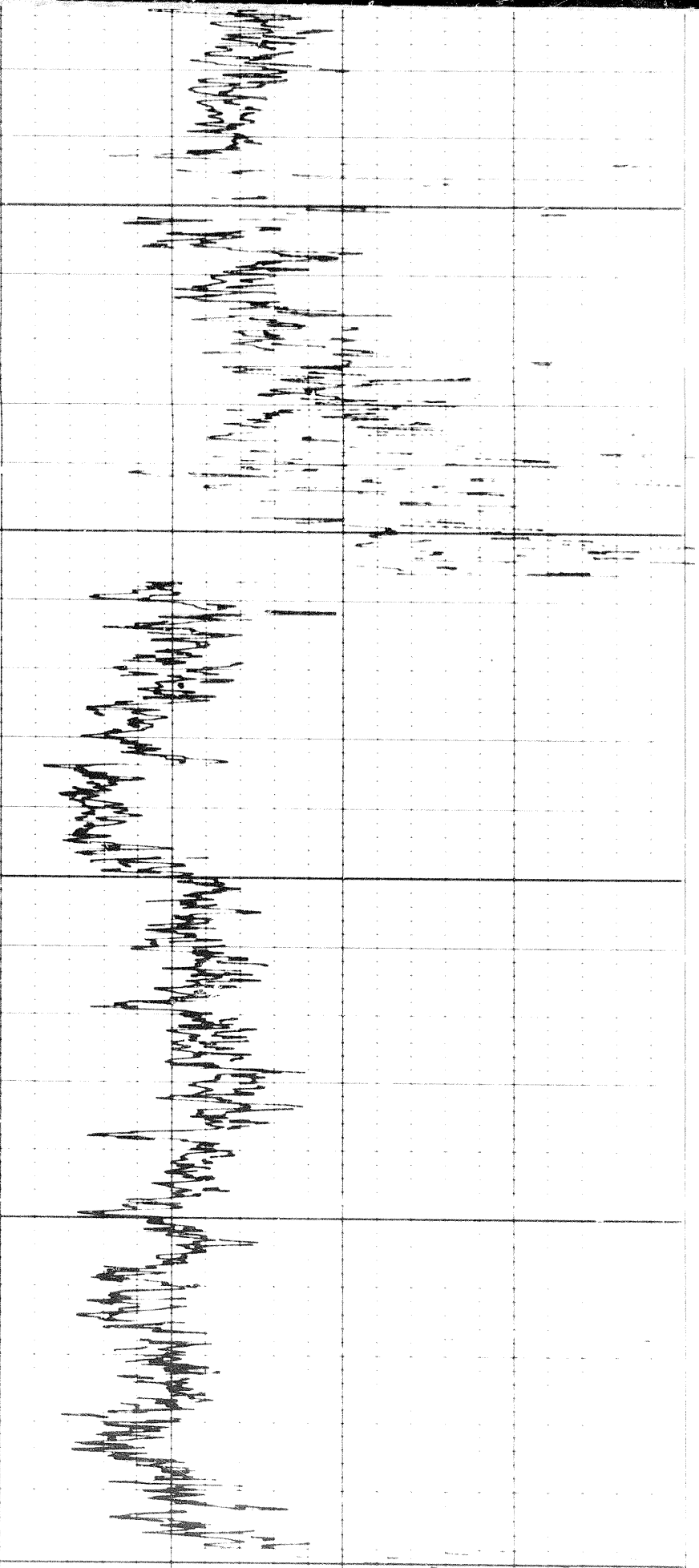
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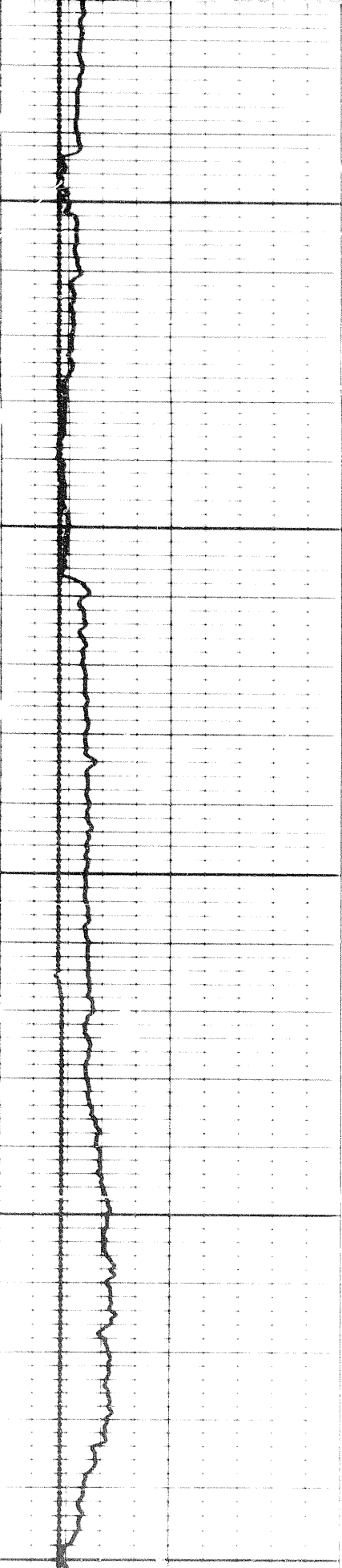


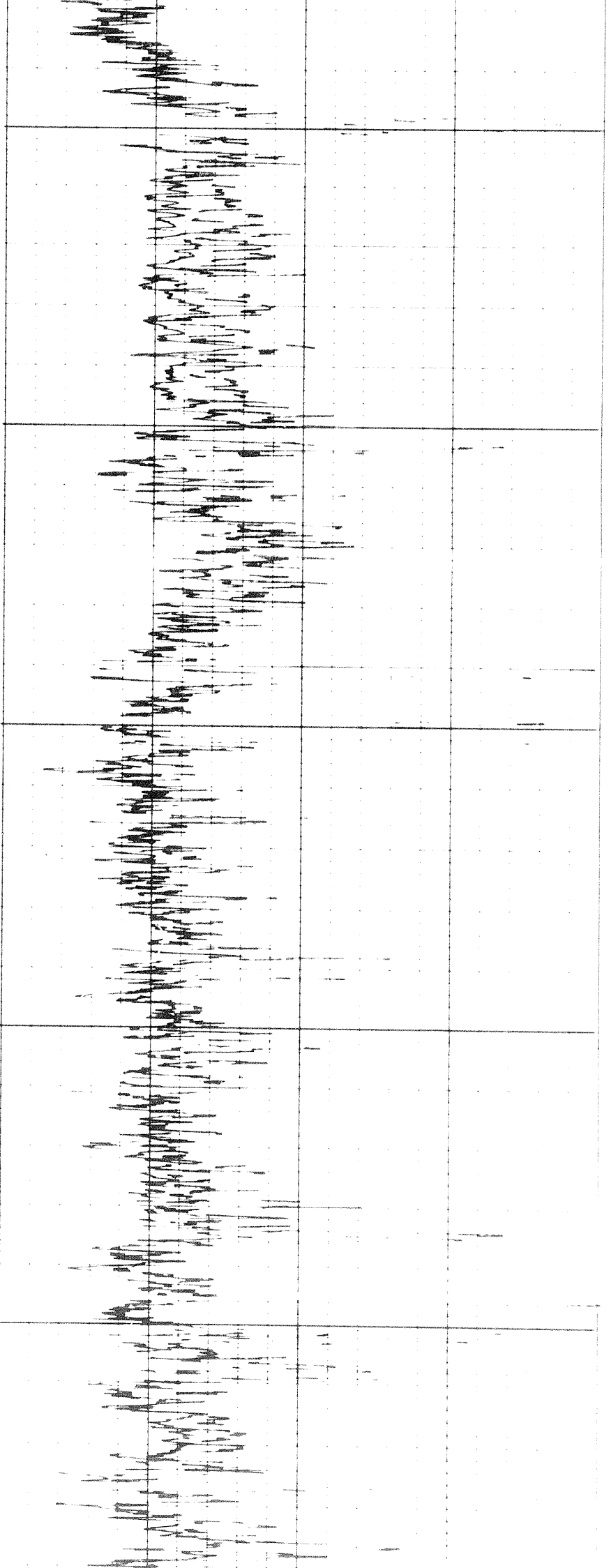


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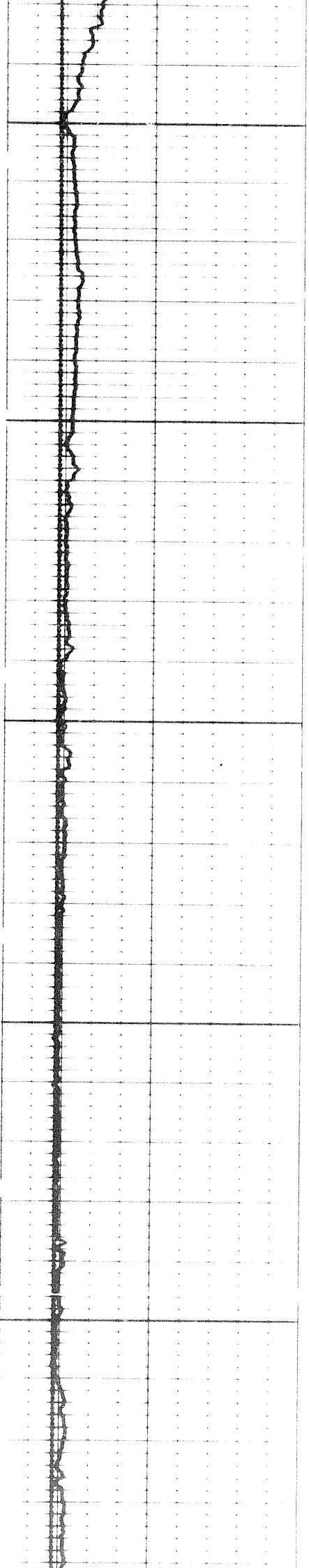




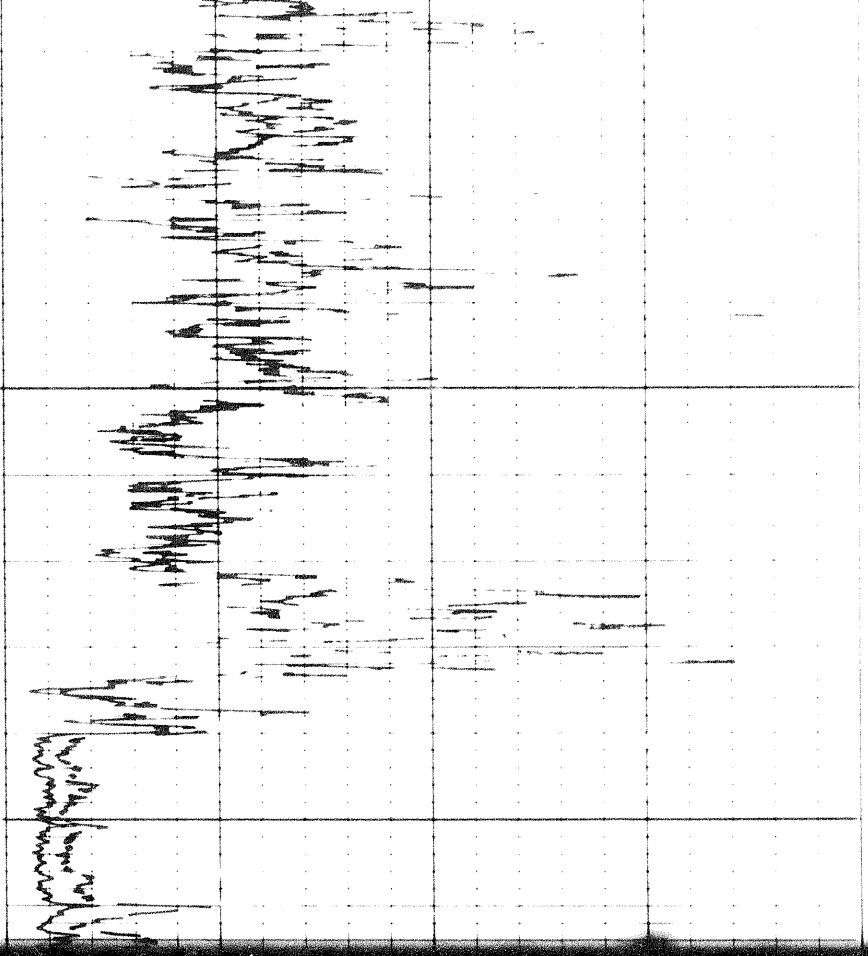
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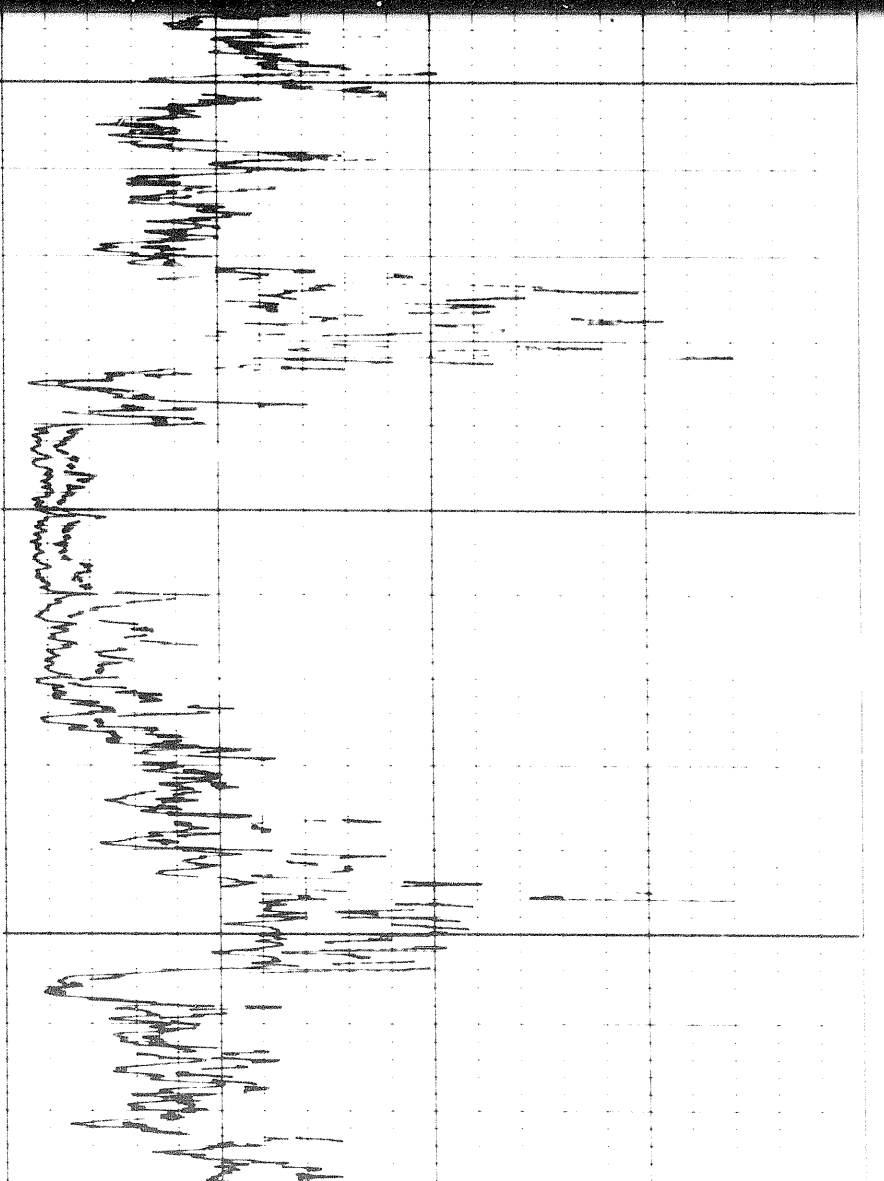
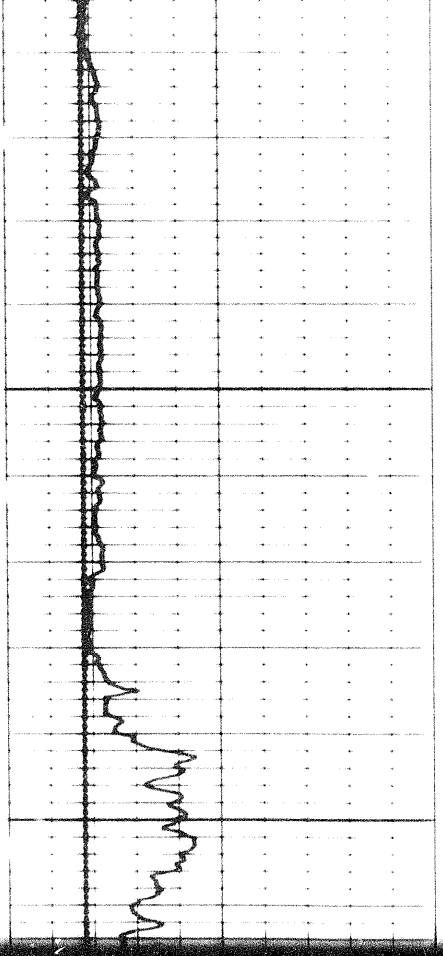
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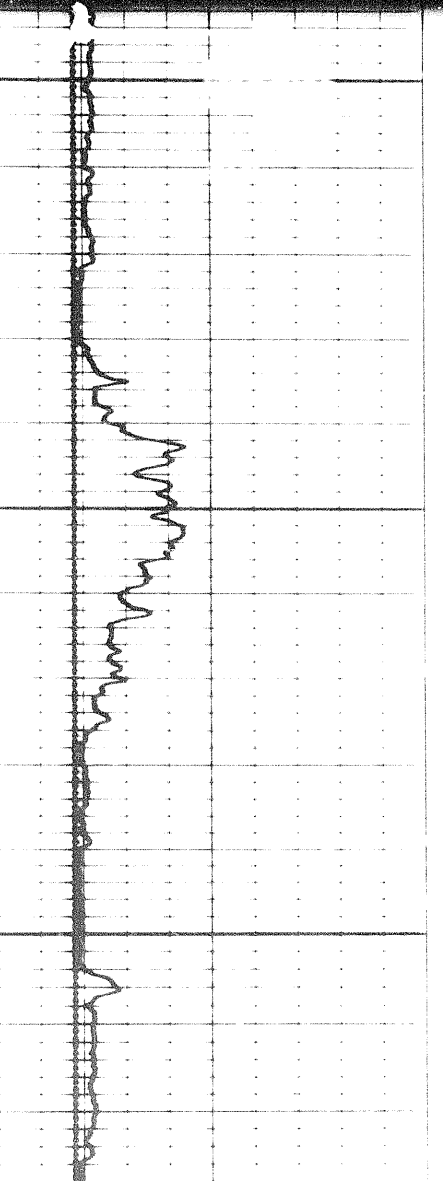
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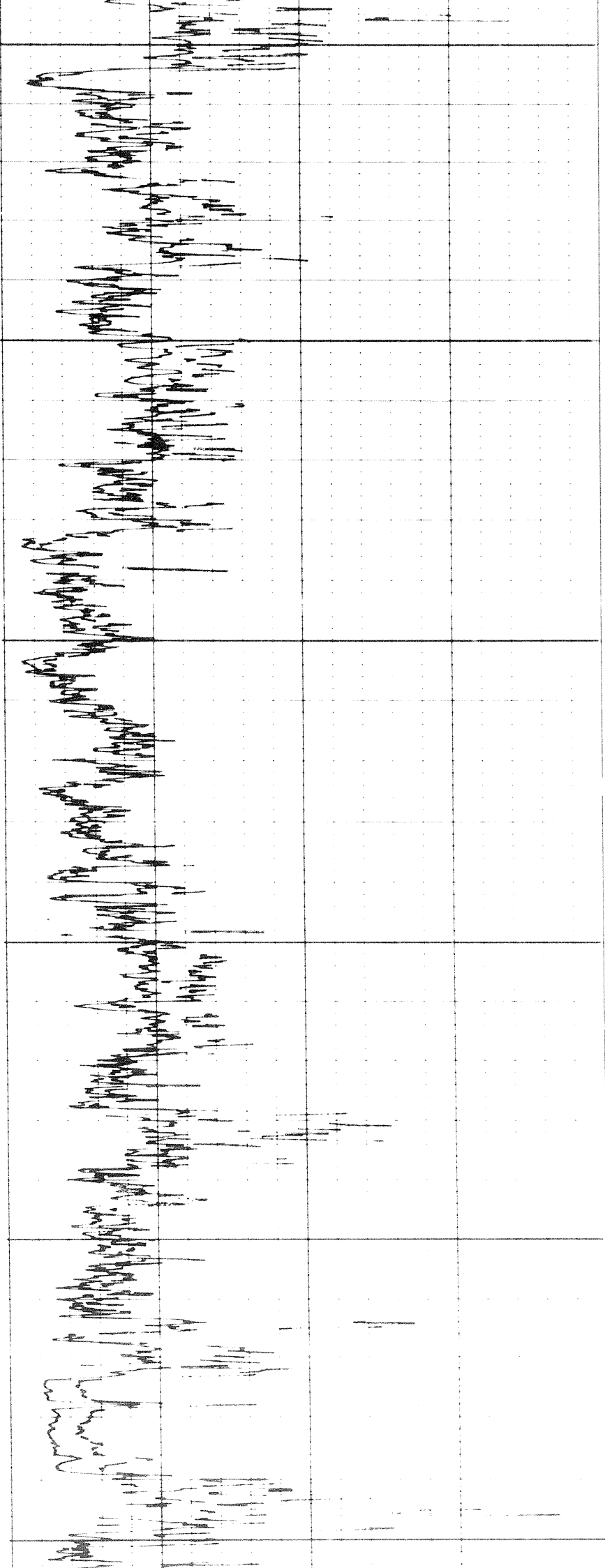


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4100

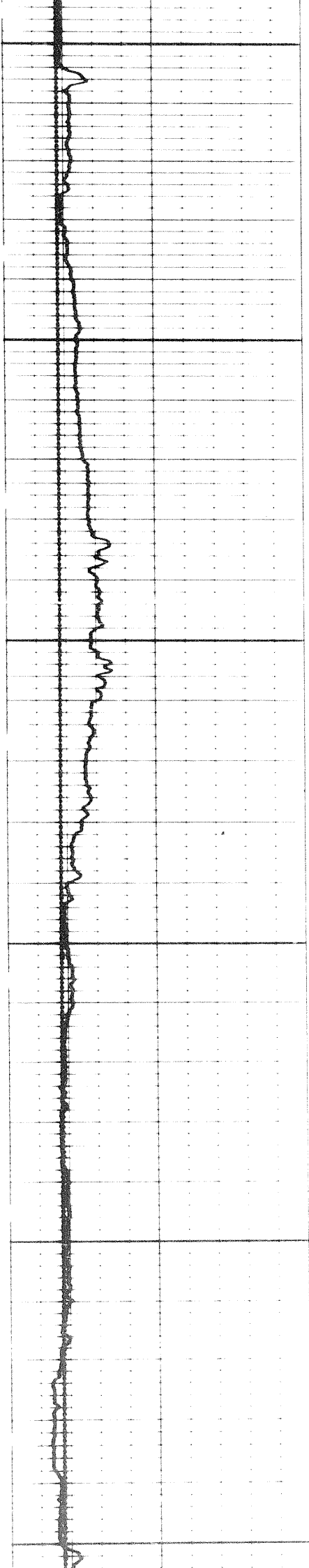


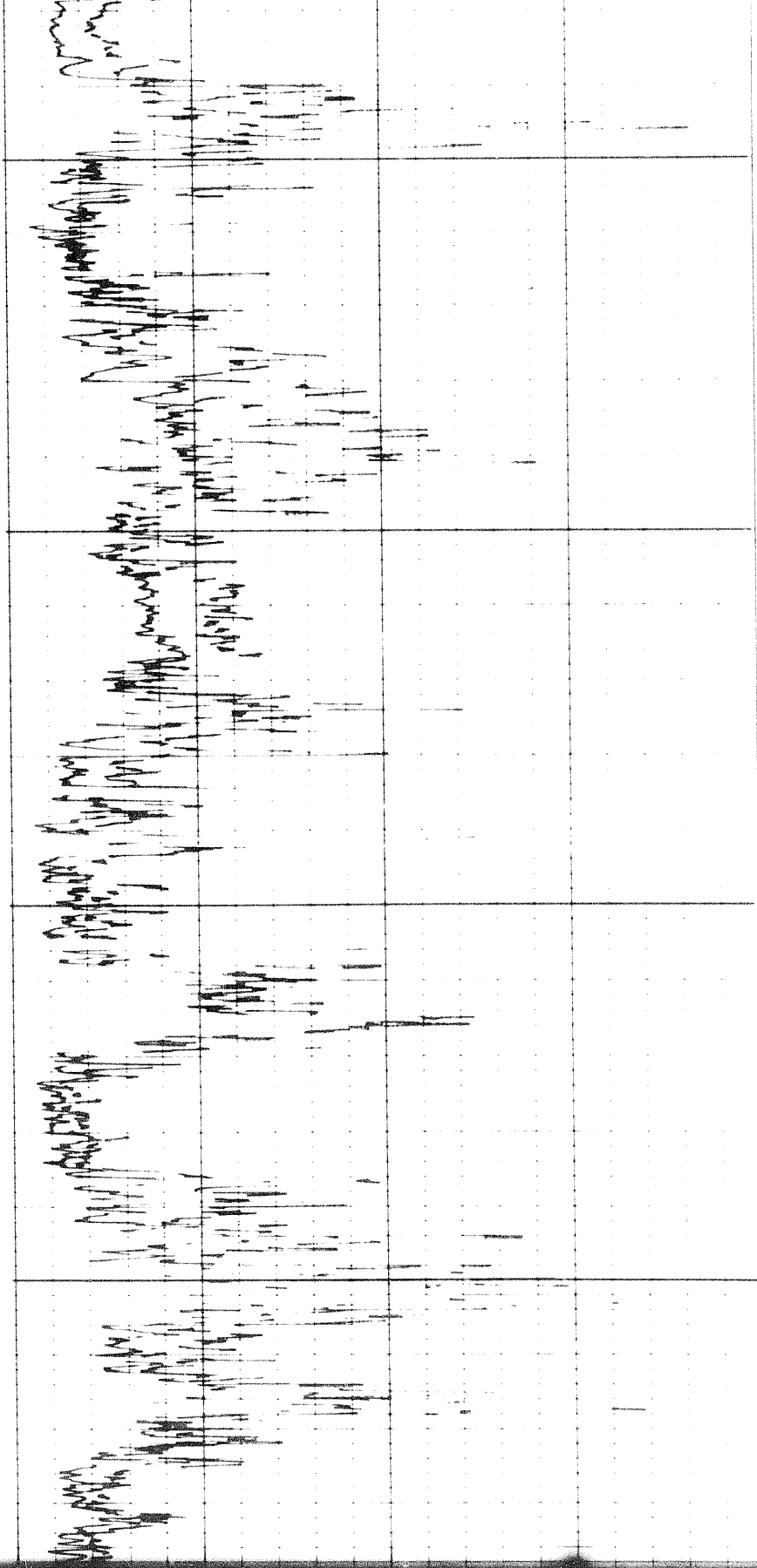


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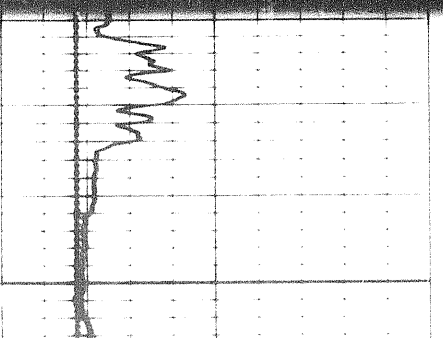
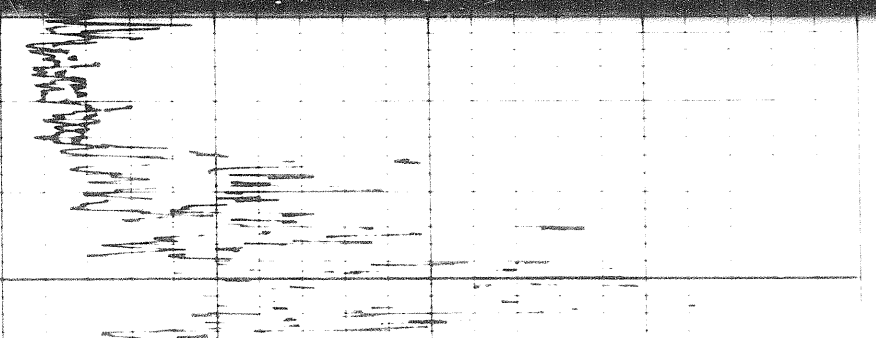
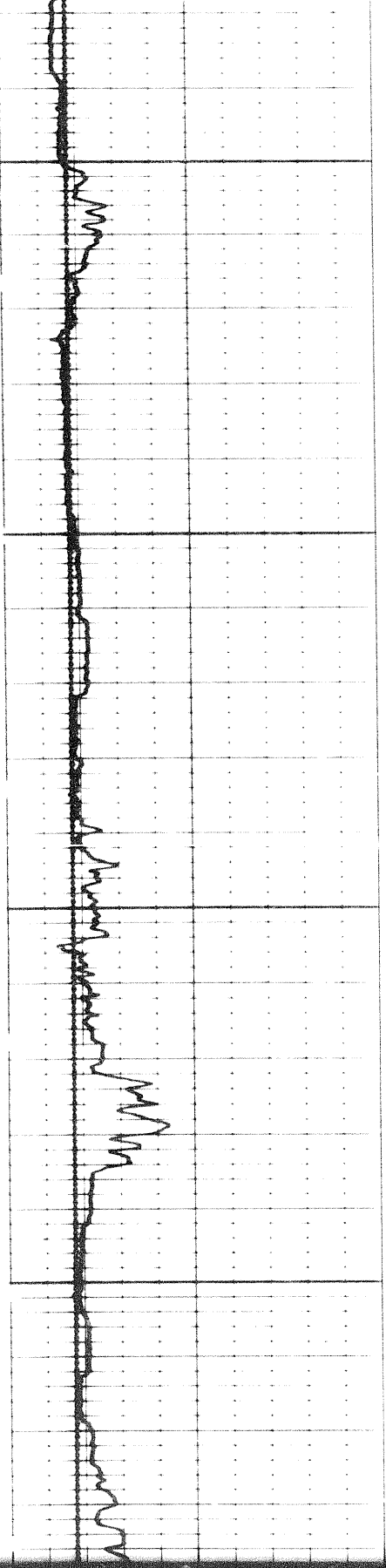
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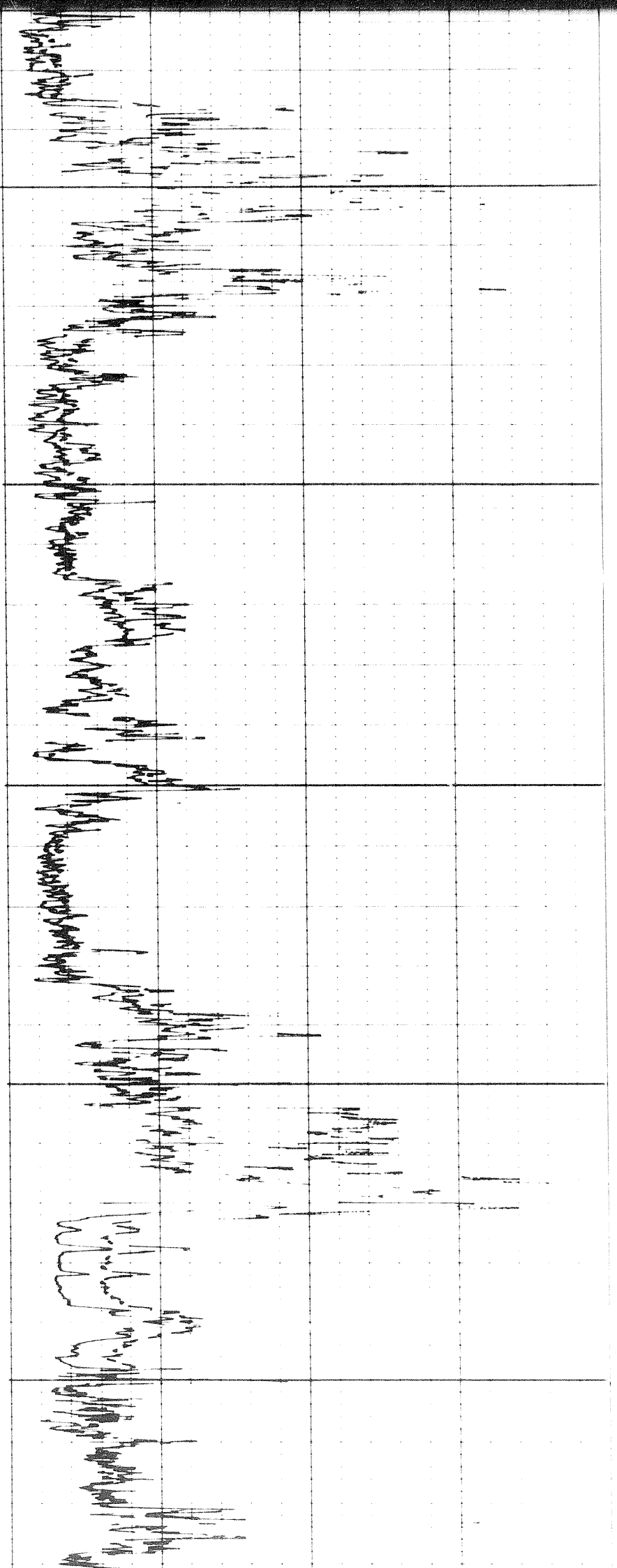


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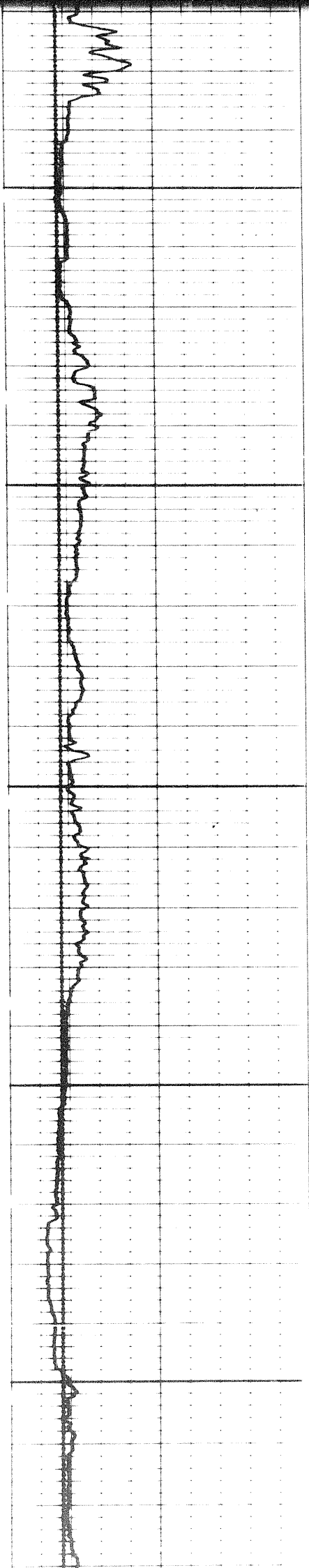


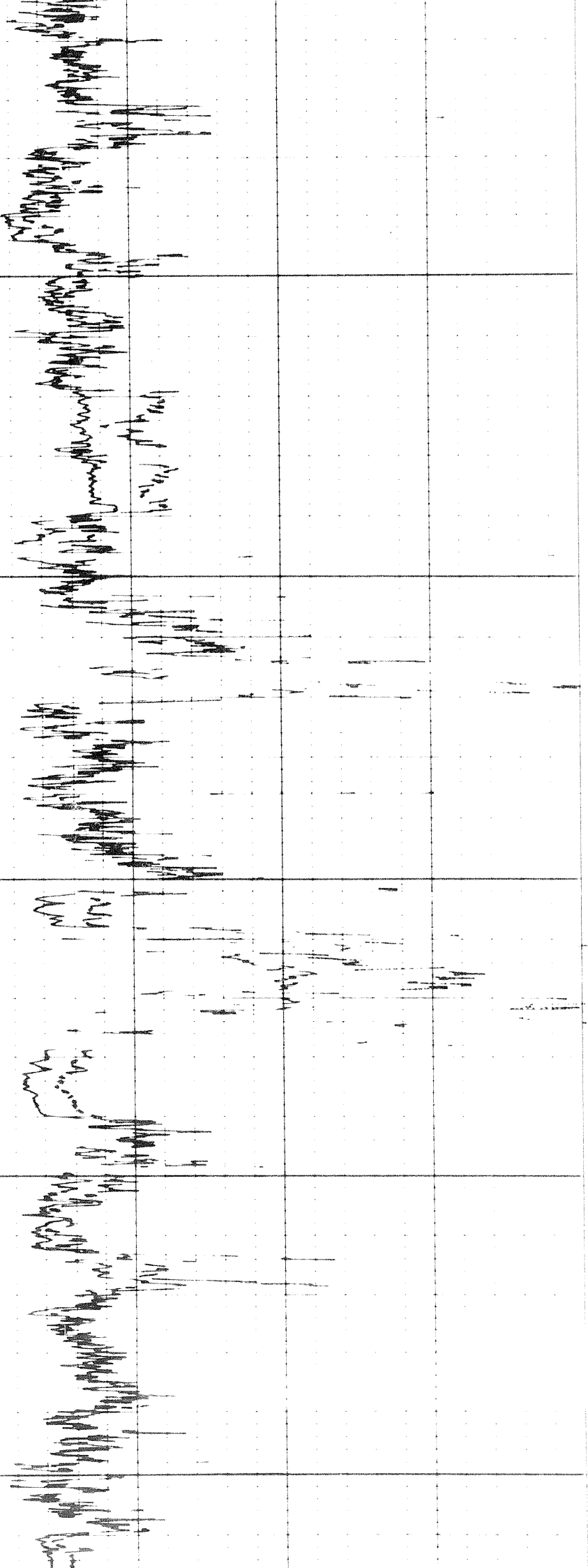
7b



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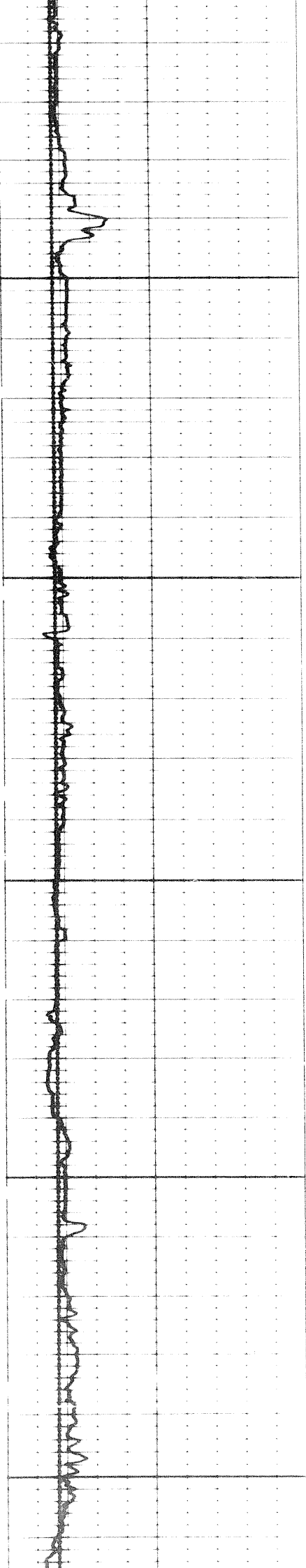


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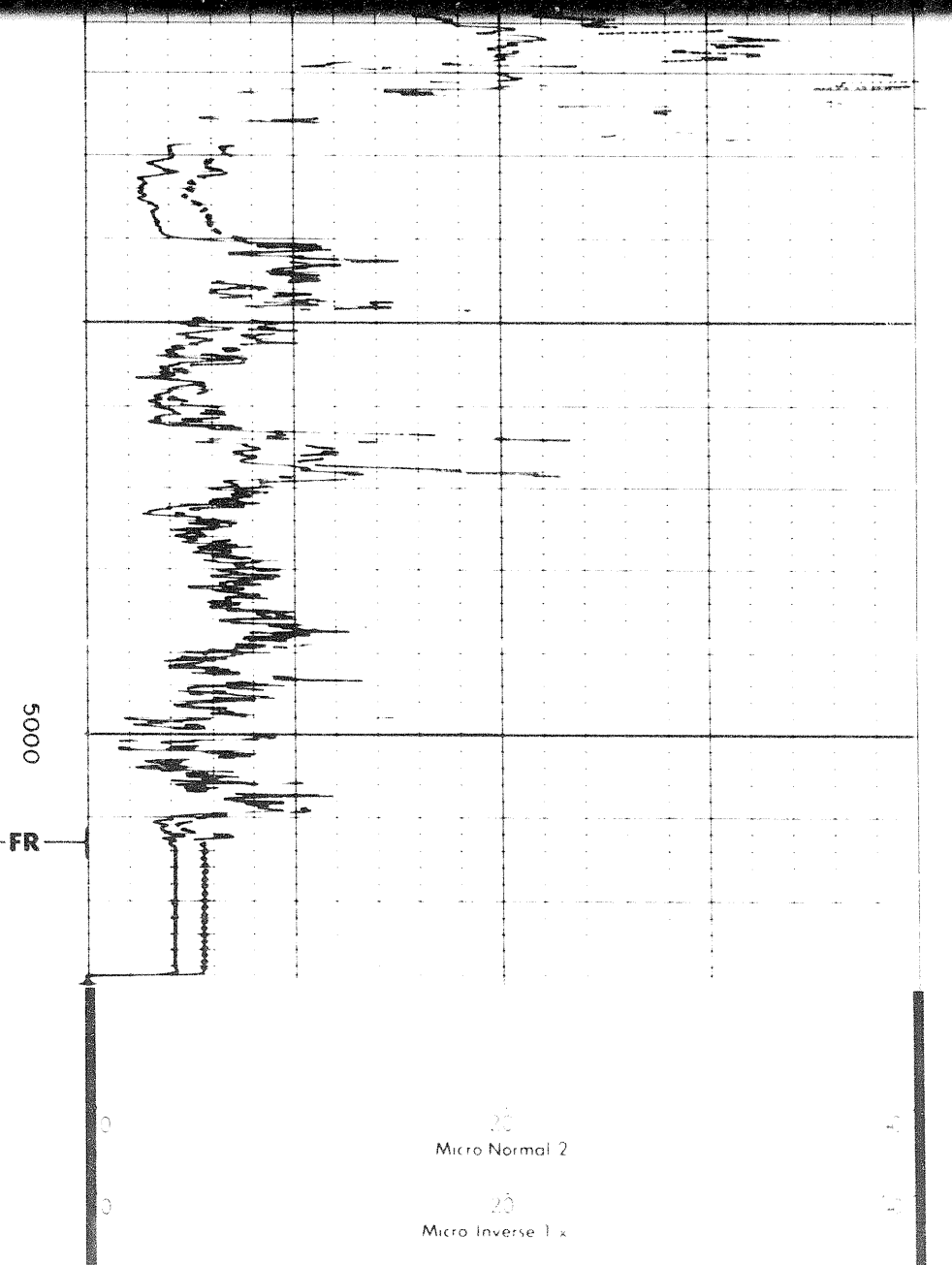
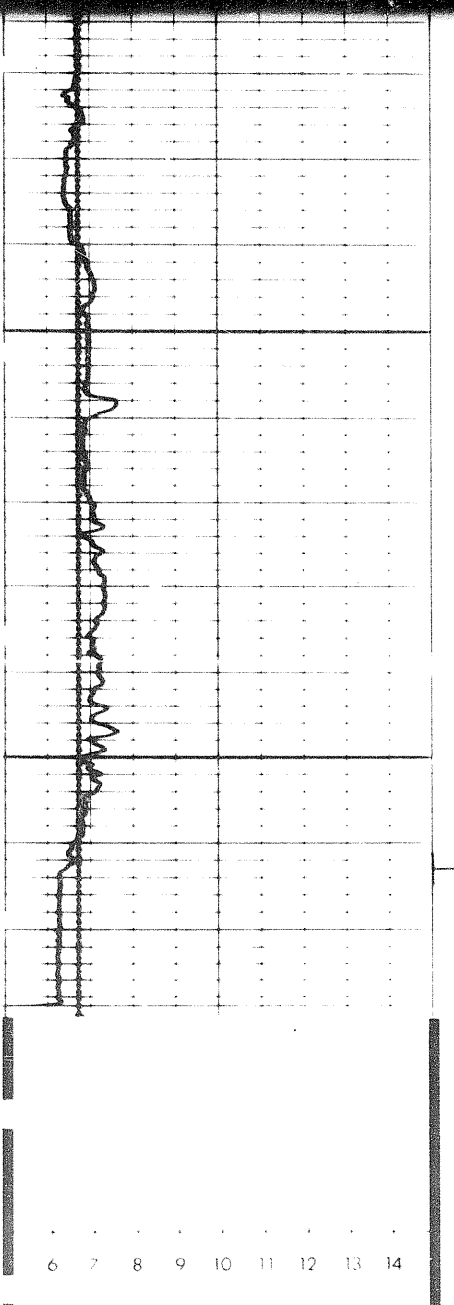
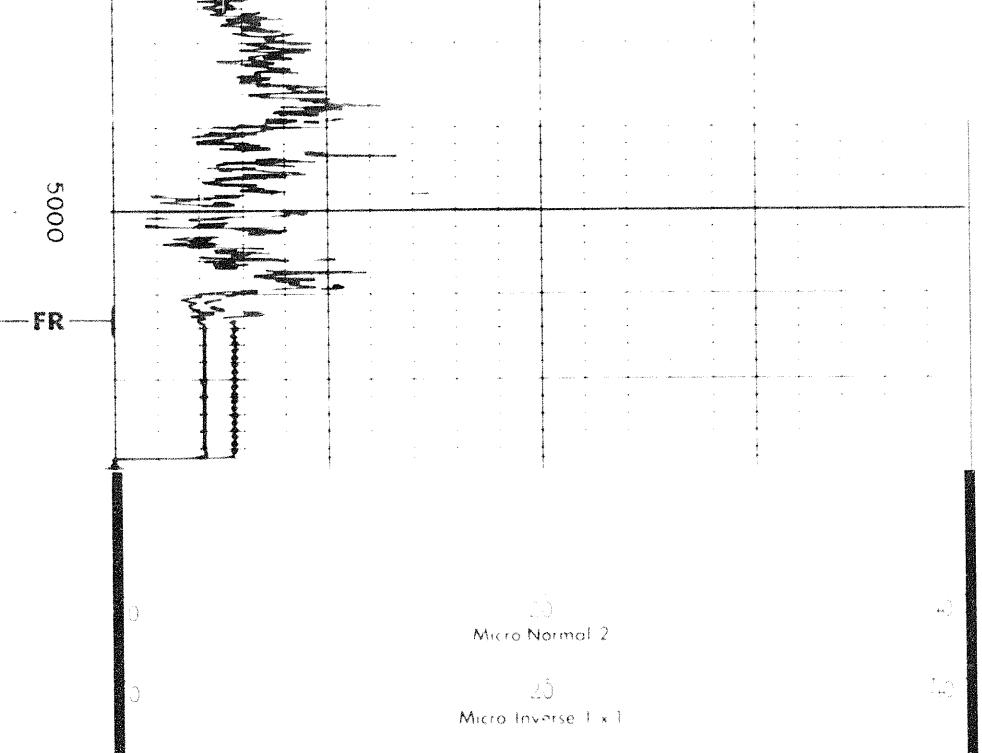
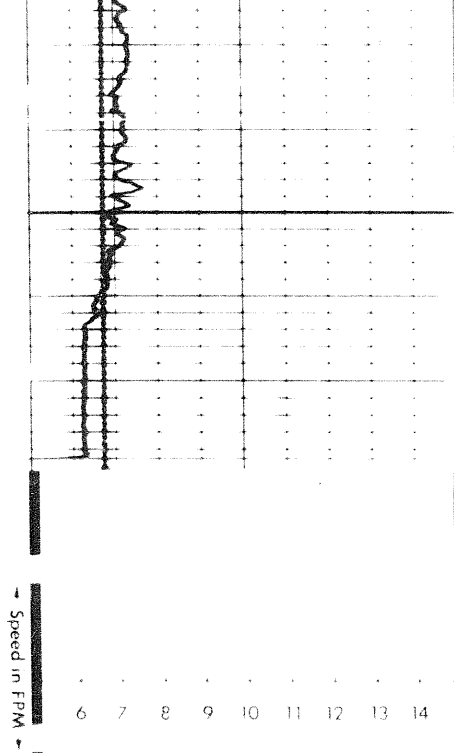
4900

5000

FR



108



CALIPER

DE

MICROLOG

Speed in FPM

6 7 8 9 10 11 12 13 14

0
0

20
Micro Normal 2

40

20
Micro Inverse 1x

40

CALIPER
hole diameter in inches

DEPTH

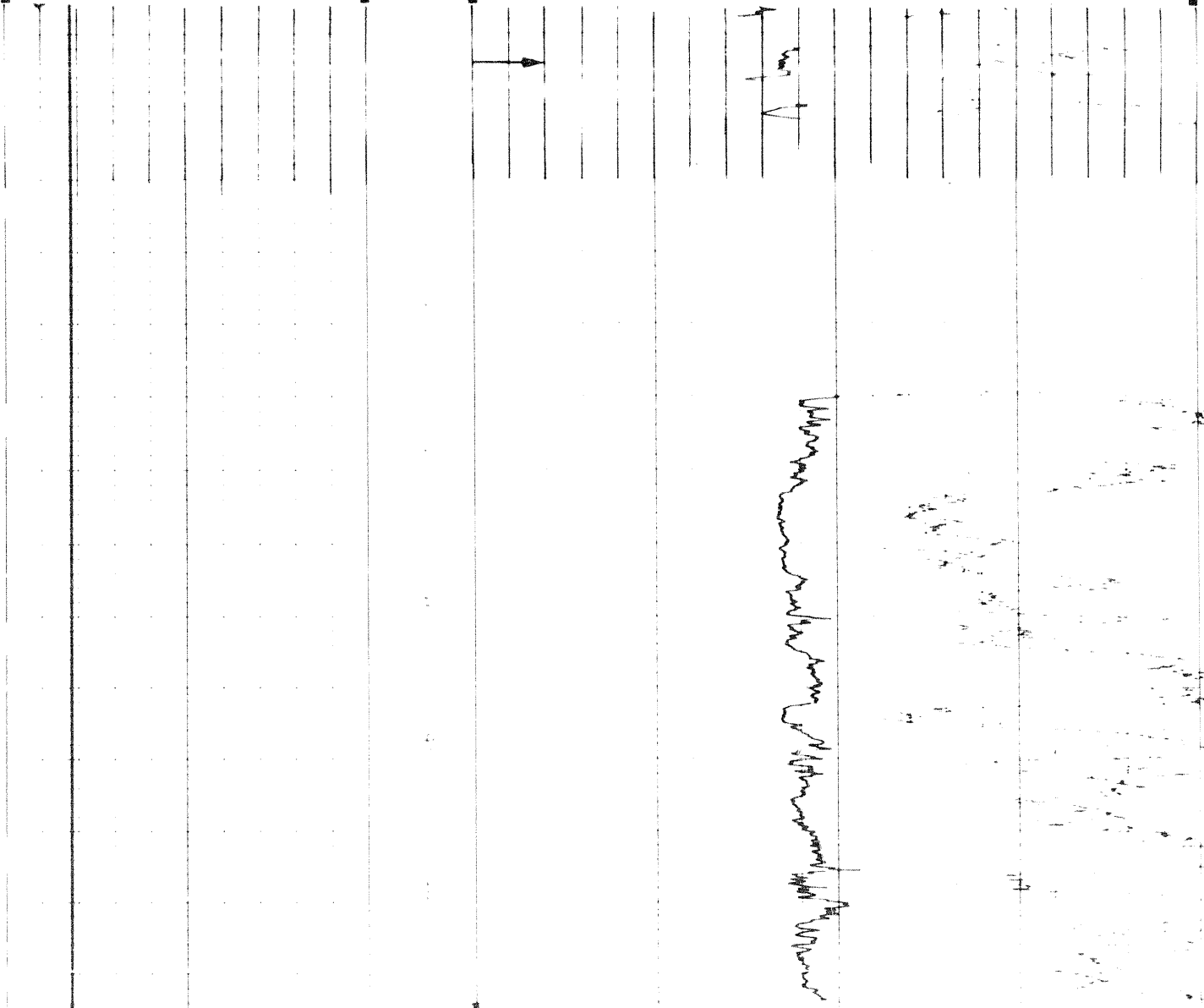
MICROLOG
resistivity in ohms m /m

MUD LOG WITH SONDE COLLAPSED

Apparent Rm 0.85 Ω m /m
Depth 4980 ft.

RESISTIVITY
ohms m /m

0



COMPANY

WELL

FIELD PROVINCE





COMPANY

WELL SHELL PEEL RIVER

FIELD

PEEL RIVER

PROVINCE

DATE YEAR

11 of 11

Casing

0600

0700

0800

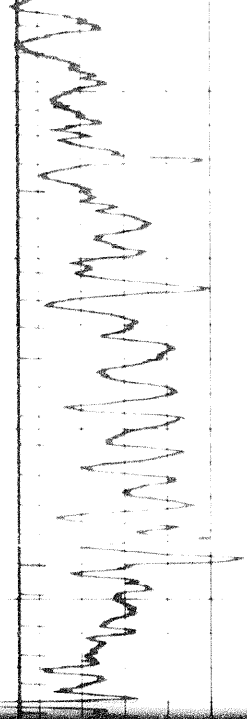
0900

1000

1100

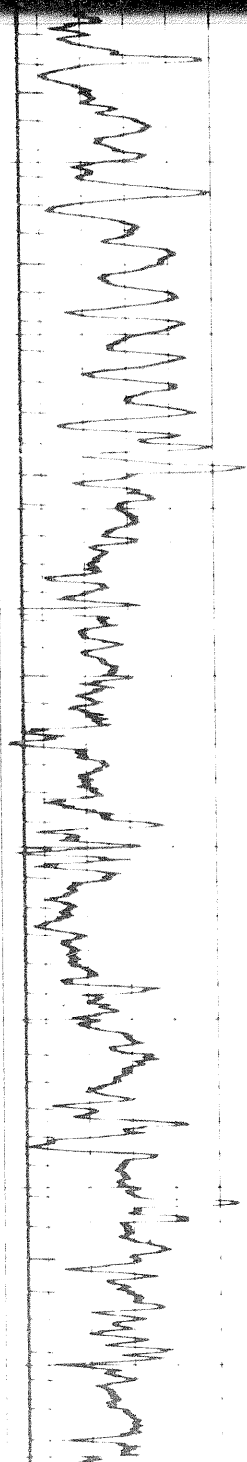
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1 of



1100

1200

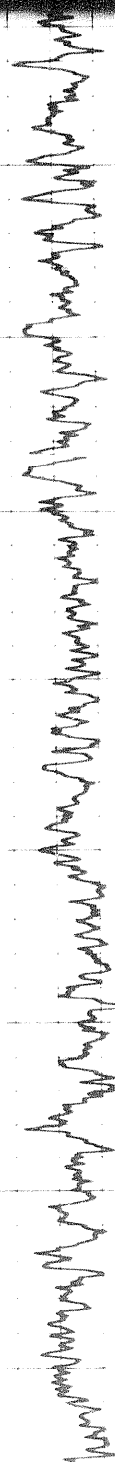
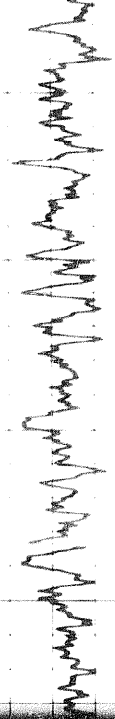


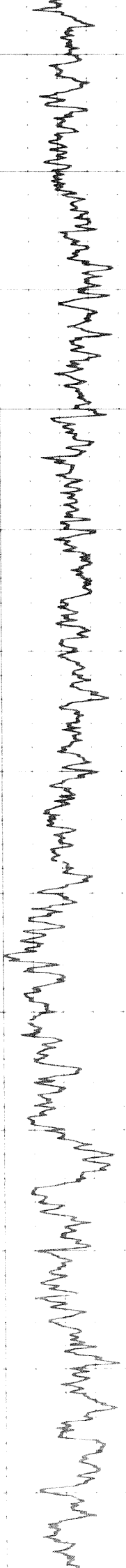
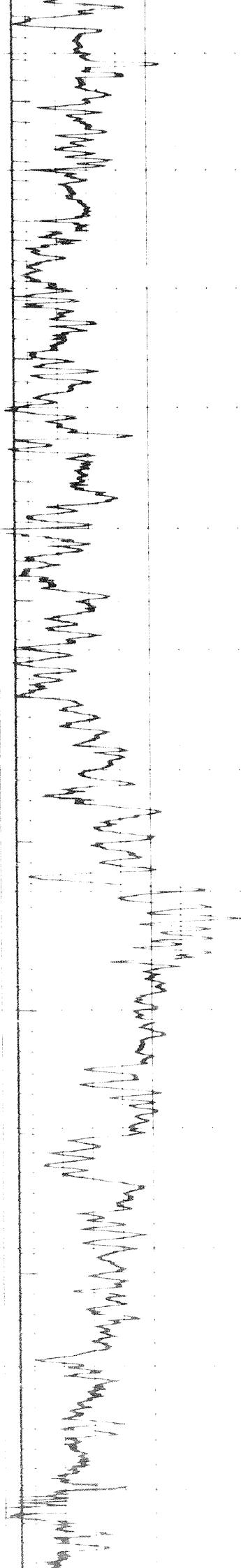
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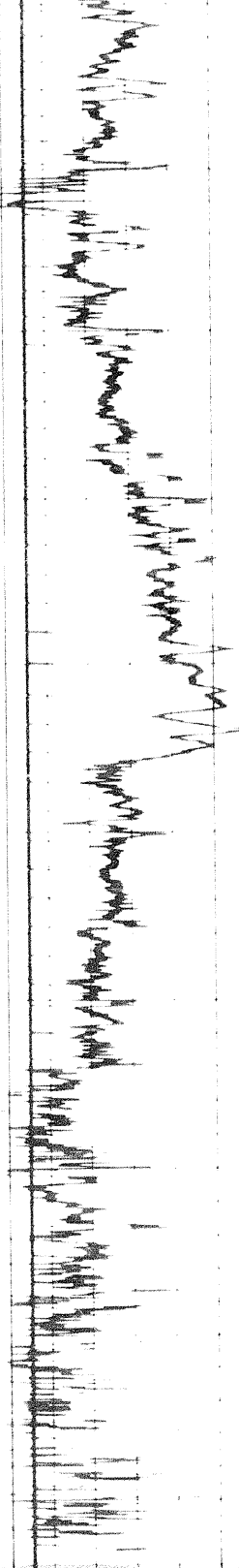
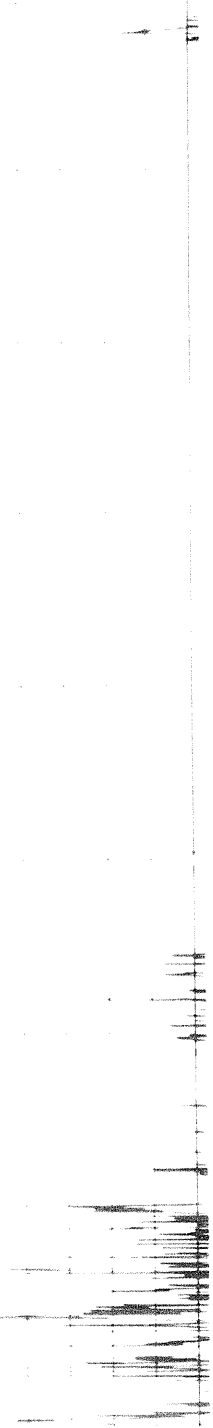
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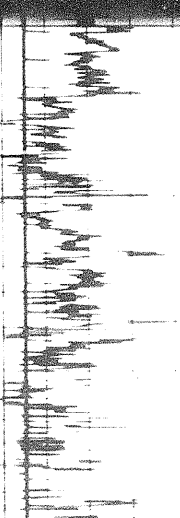
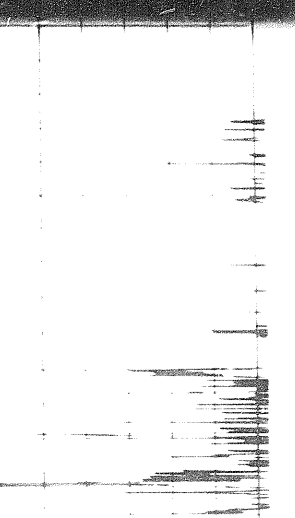
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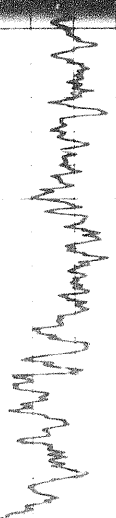




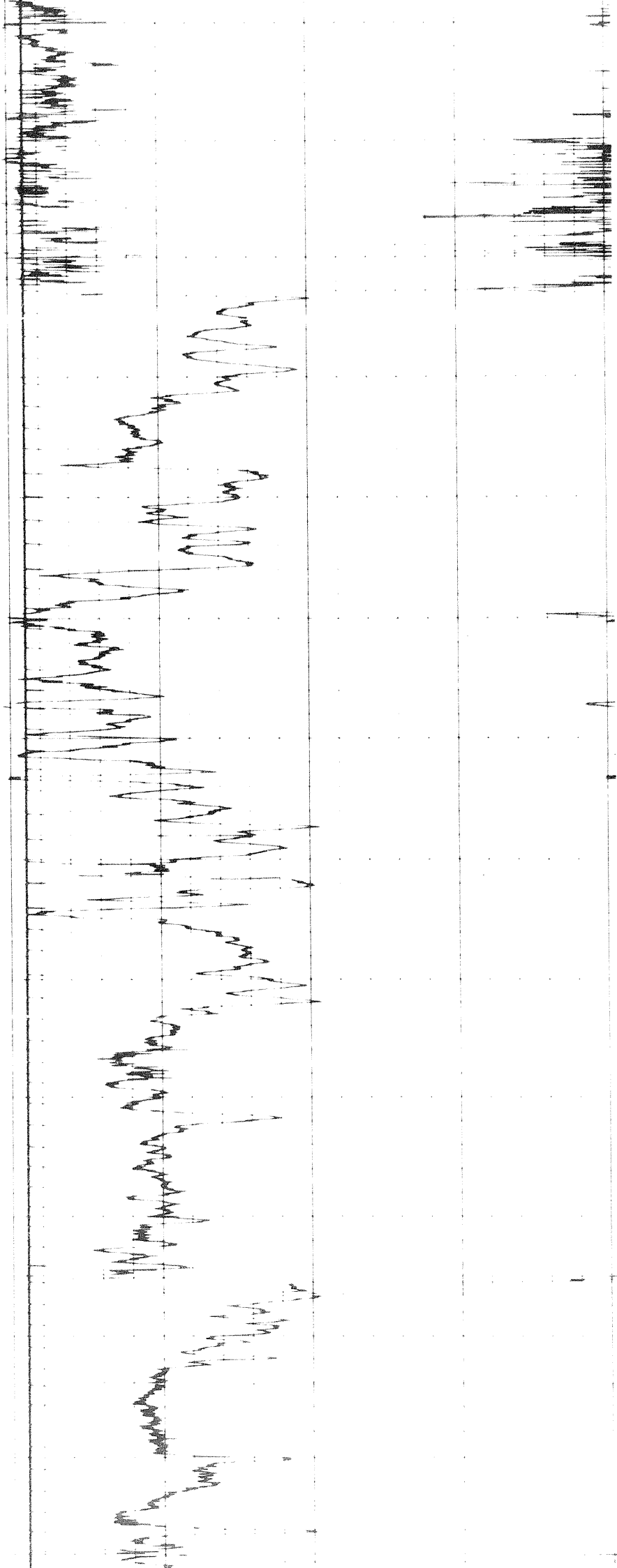
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2100
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2300
2400



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2600



20f



2400

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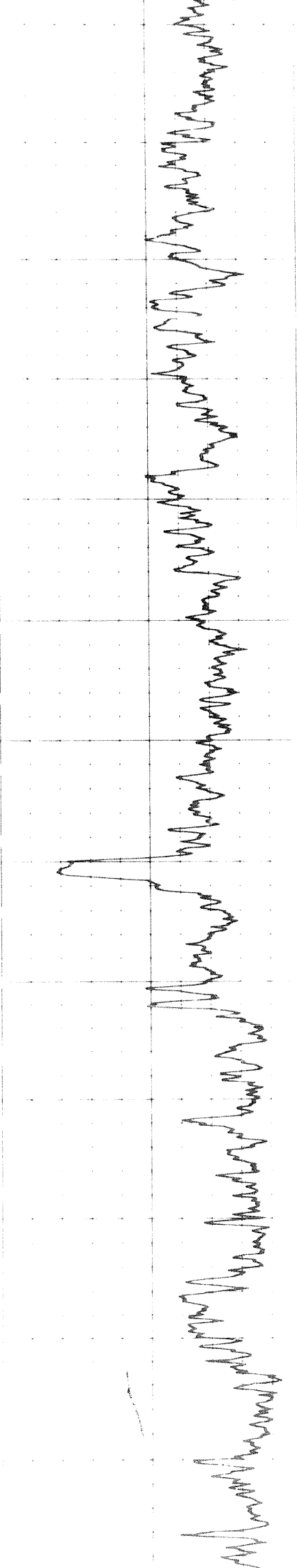
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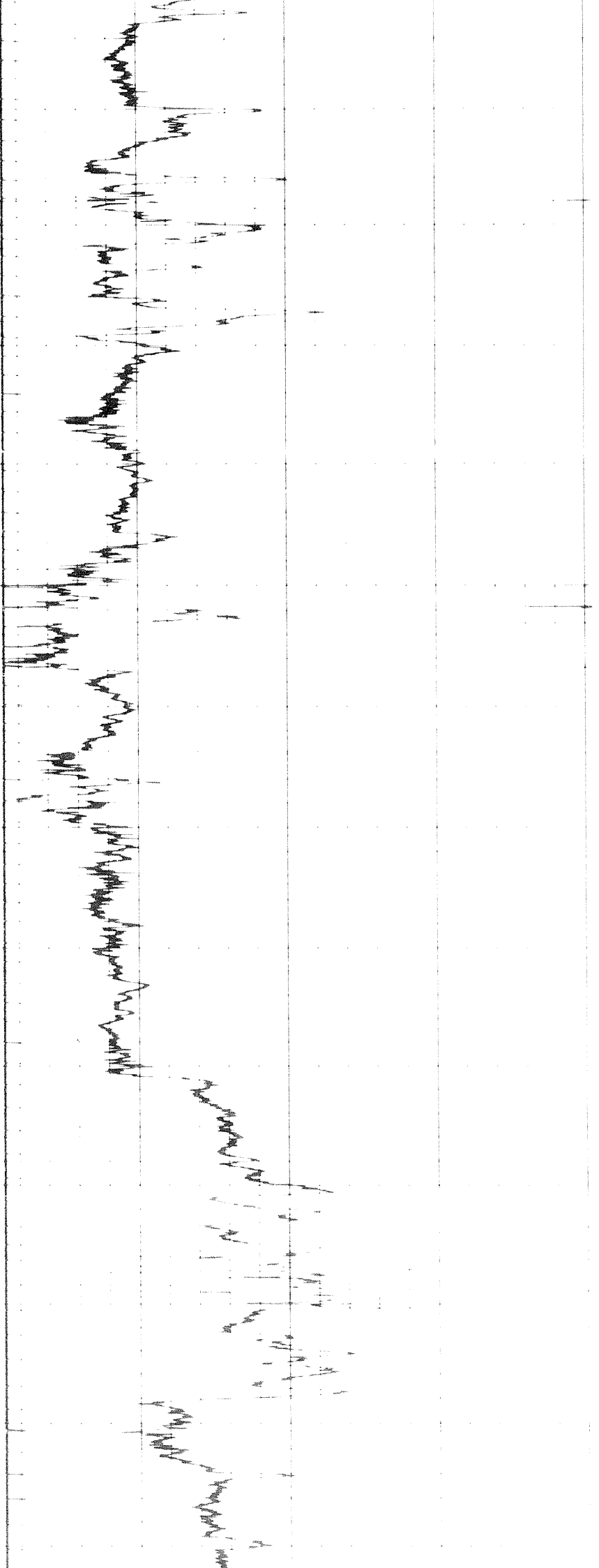
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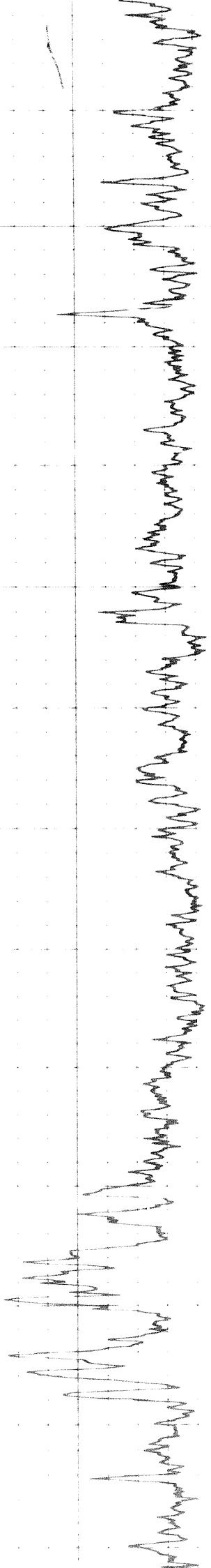
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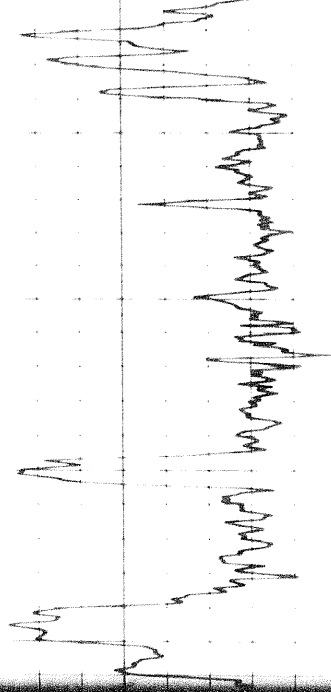
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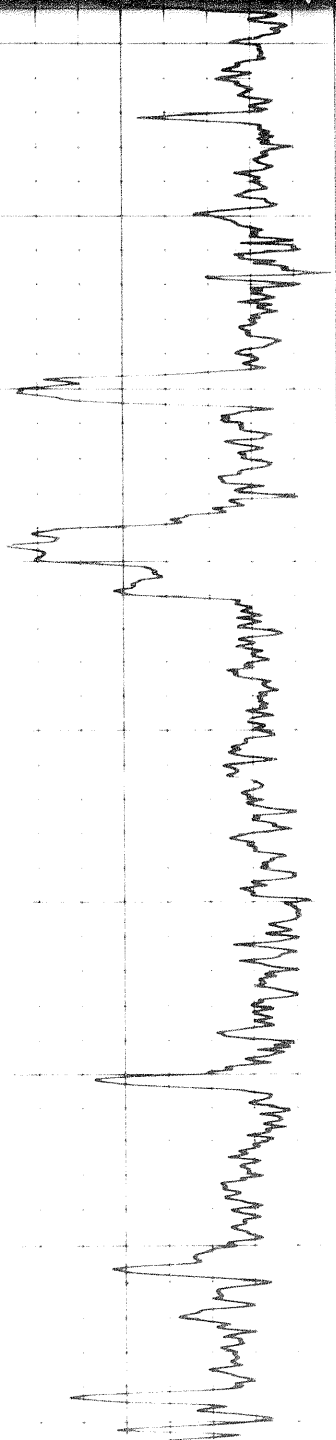
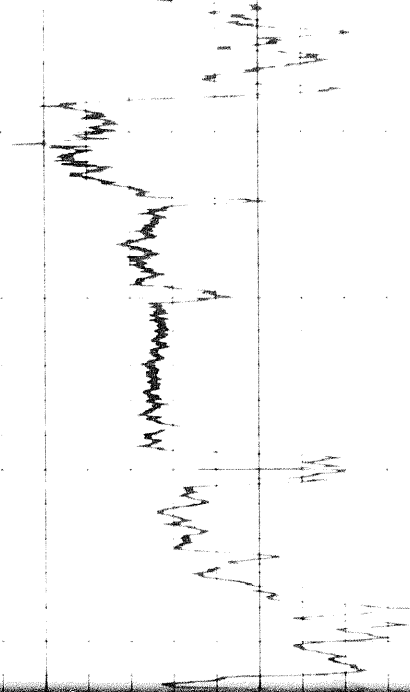
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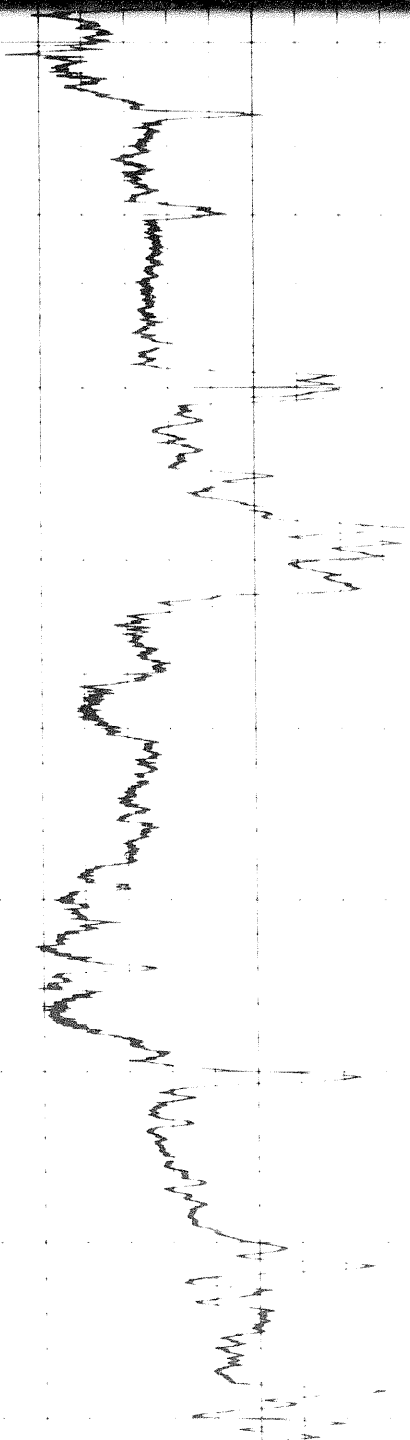


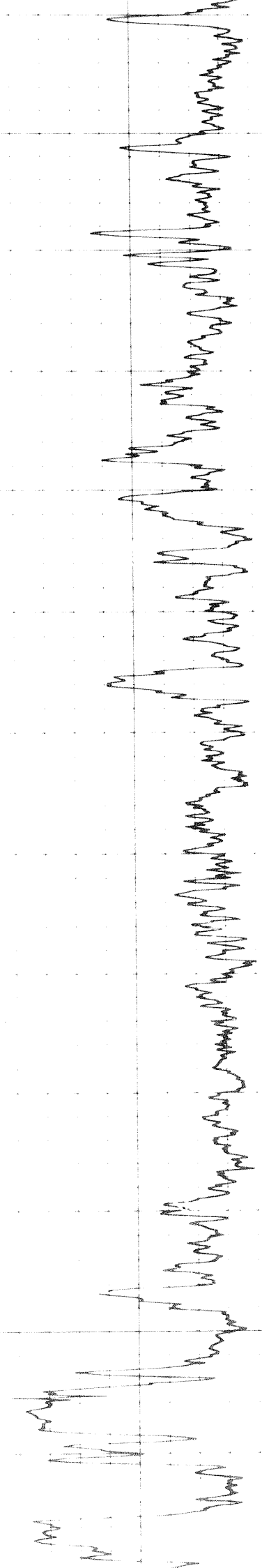
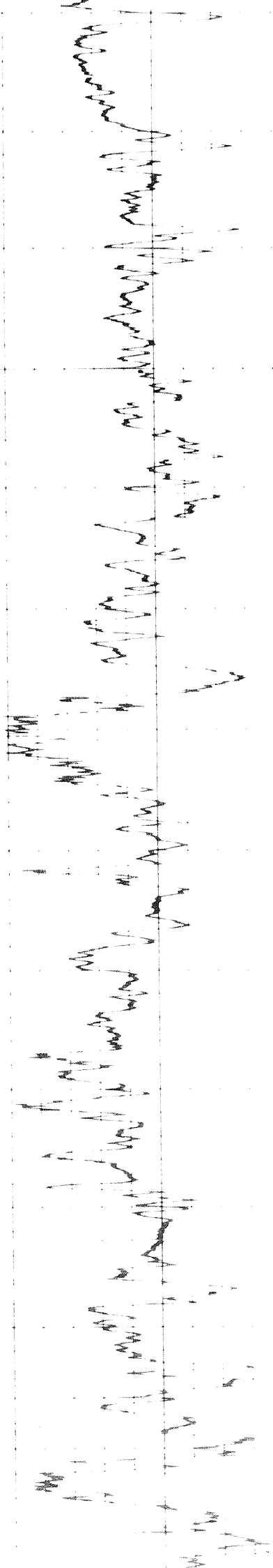
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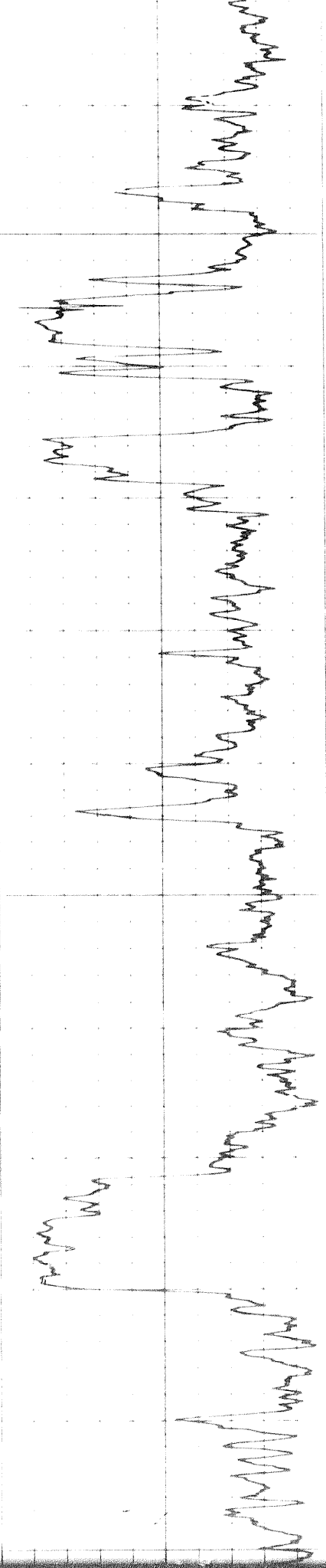
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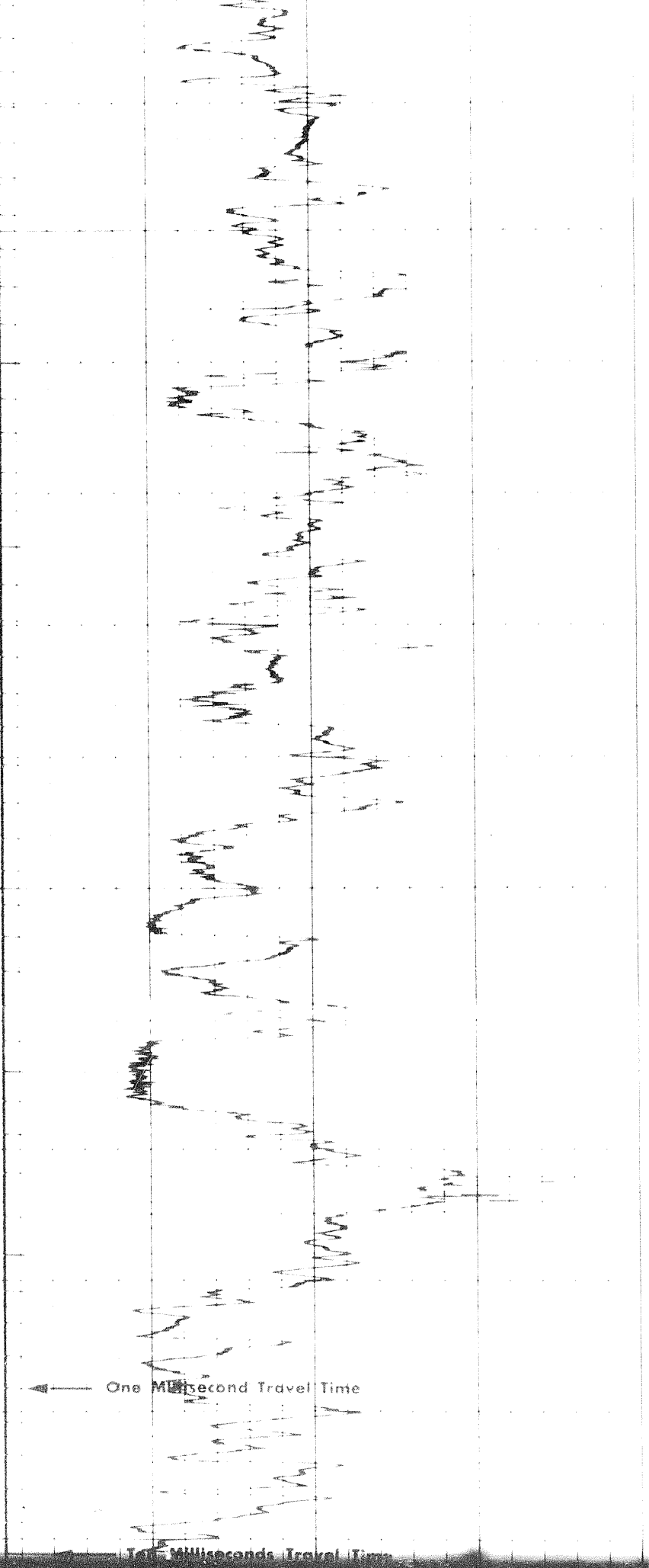
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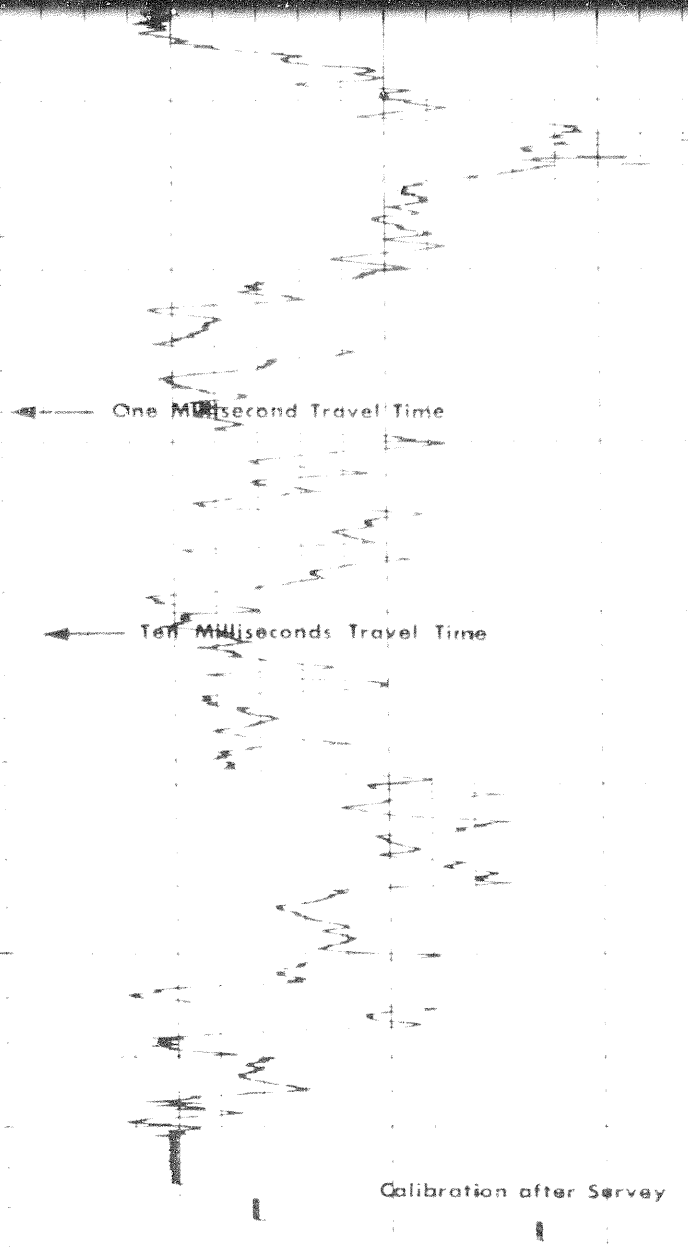
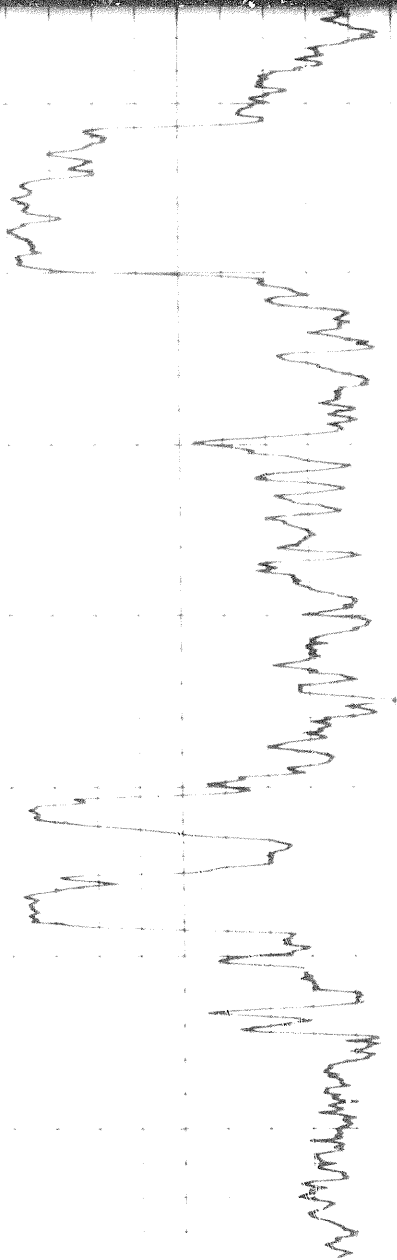


4300 4400 4500 4600 4700 4800



One Millisecond Travel Time

One Millisecond Travel Time



Speed in FPM
 Sens 30 TC
 Zero div to left

GAMMA RAY API UNITS	DEPTHS	SONIC INTERVAL TRANSIT TIME microseconds per foot
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DETAIL LOG
 5" = 100

GAMMA RAY API UNITS	DEPTHS	SONIC INTERVAL TRANSIT TIME microseconds per foot
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Speed in FPM
 Sens TC
 Zero div to left

GAMMA RAY
API UNITS

DEPTHS

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

Sens 300 T.C.
Zero div to left
1.0
2.5

Speed in fpm

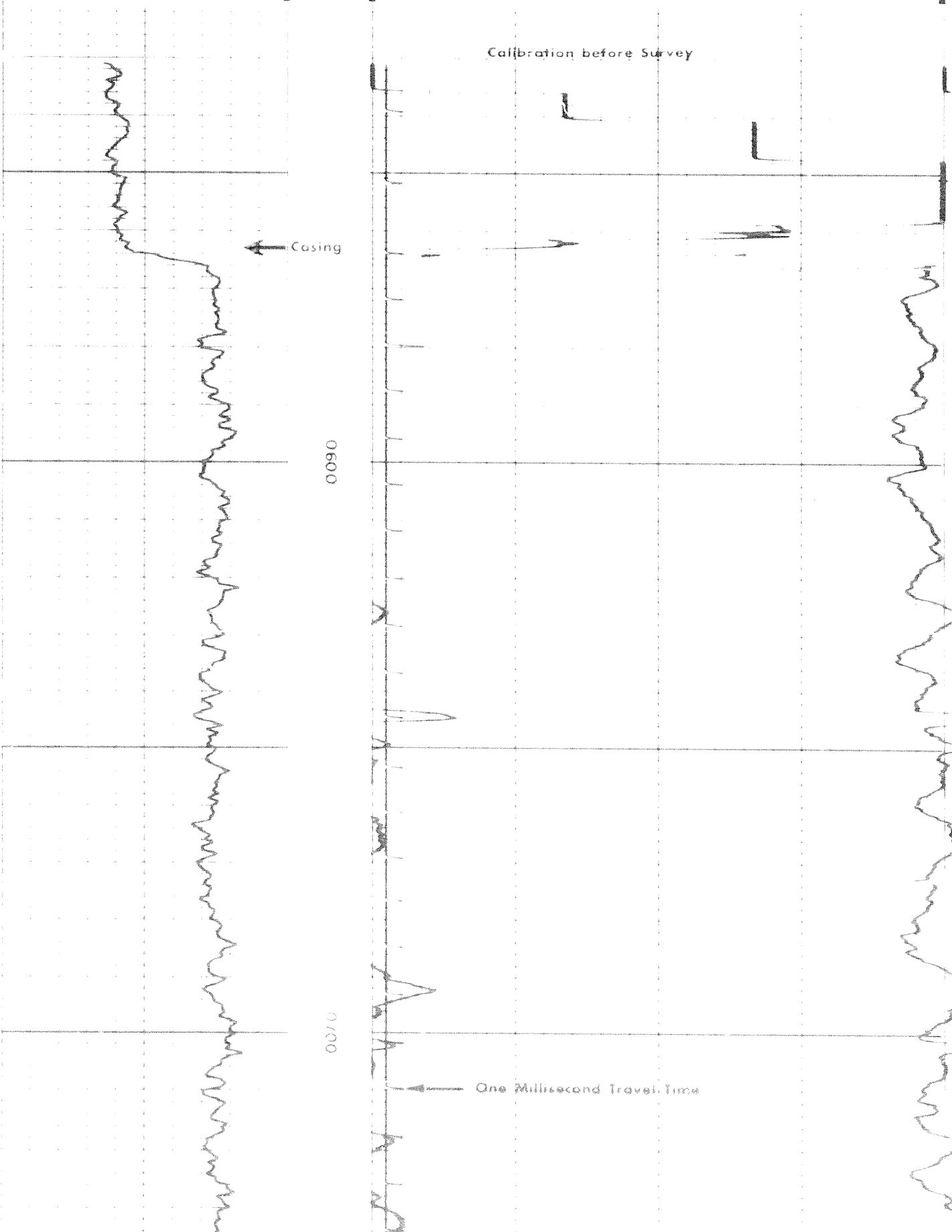
Calibration before Survey

Casing

0600

0100

One Millisecond Travel Time



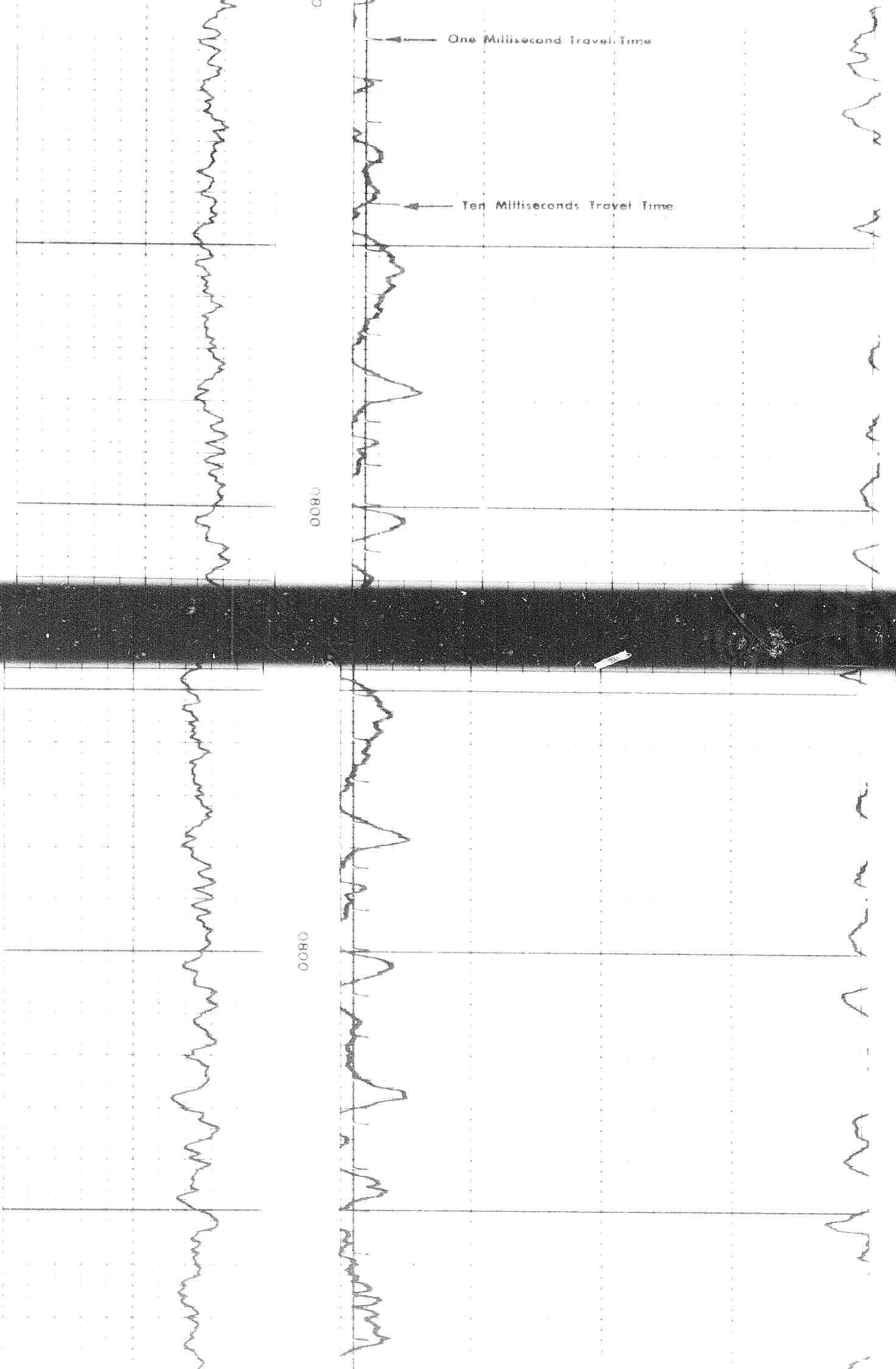
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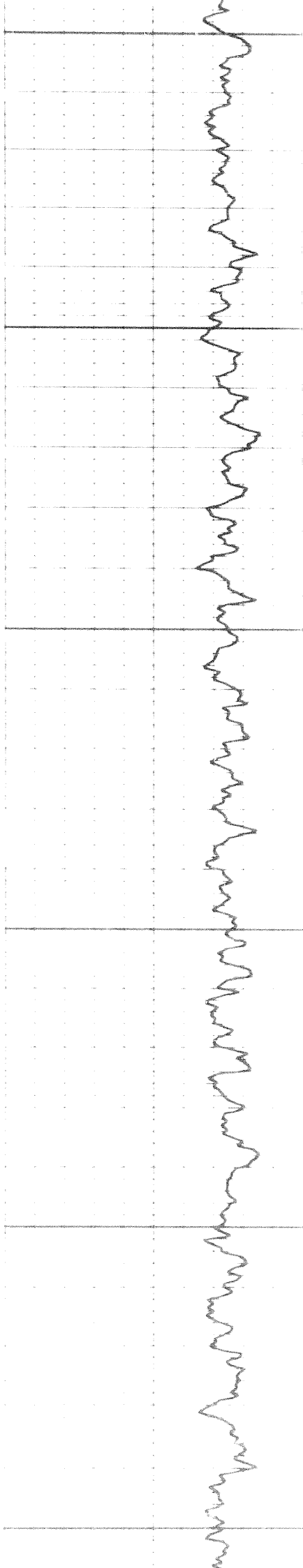
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One Millisecond Travel Time

Ten Milliseconds Travel Time

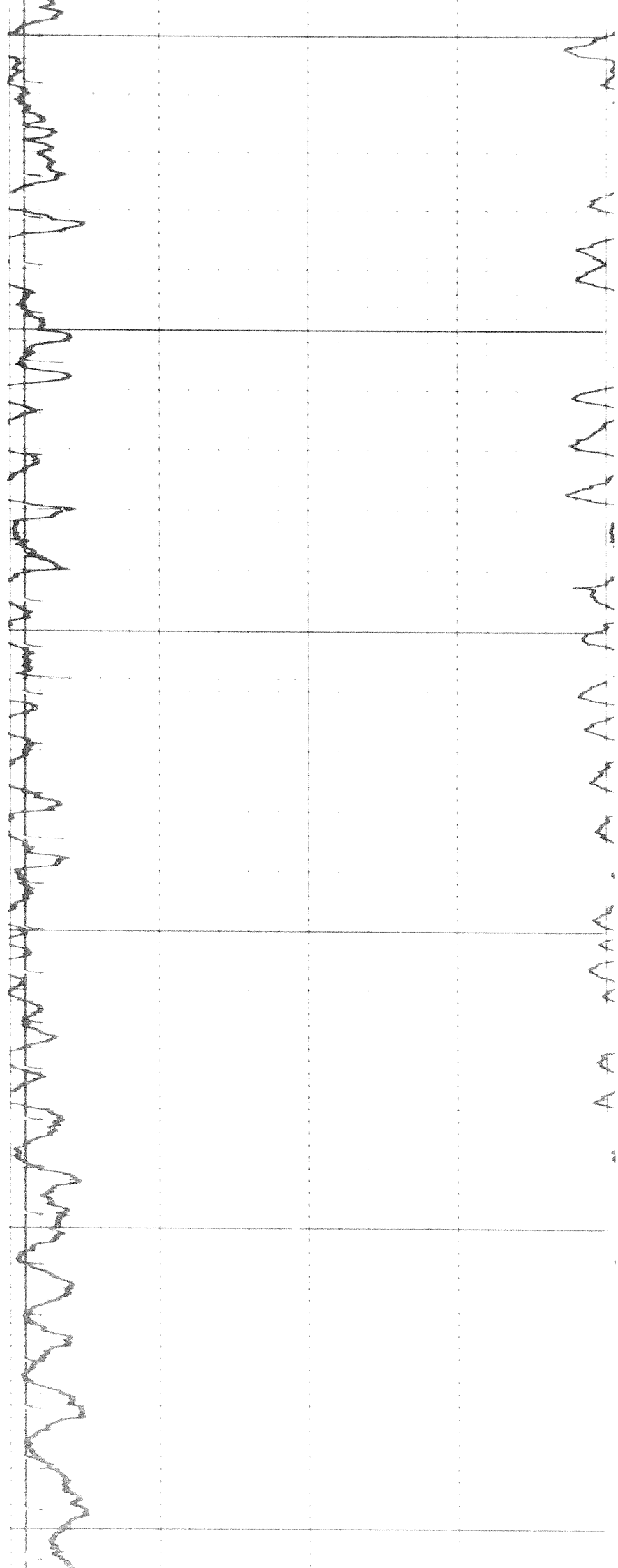




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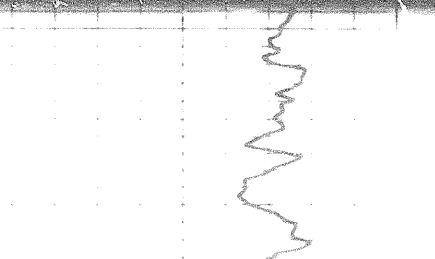
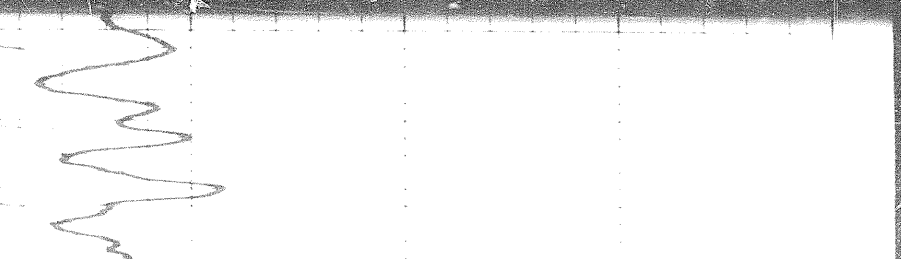
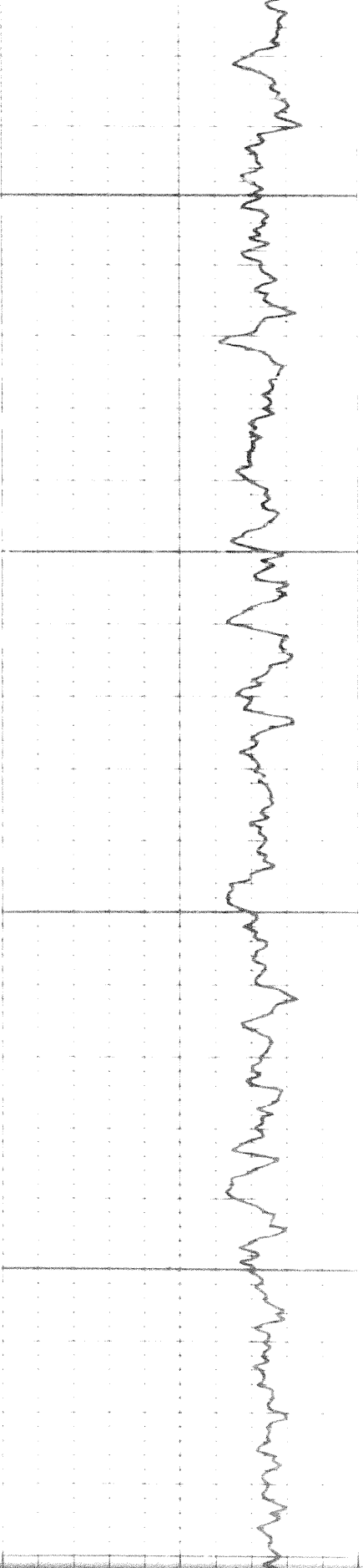
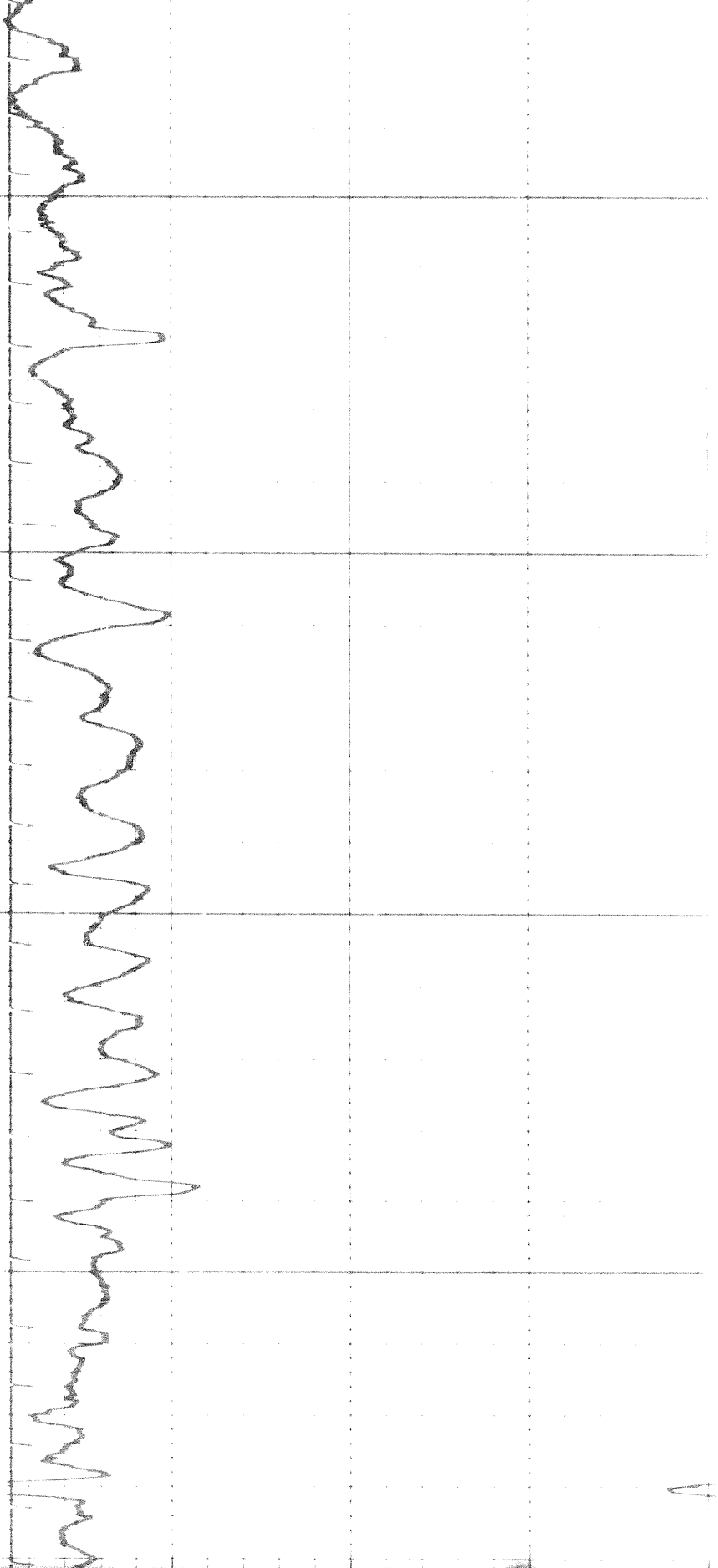
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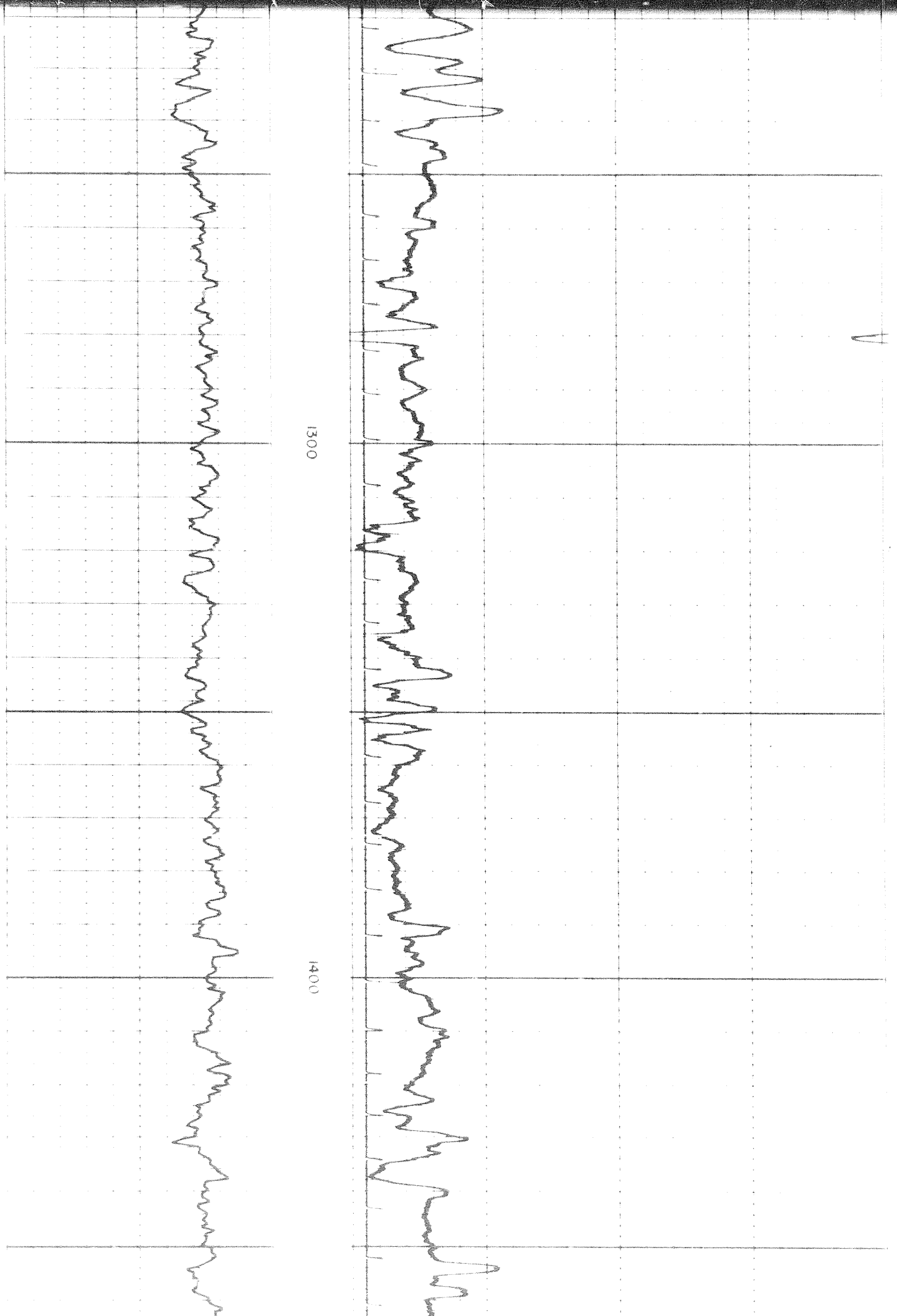


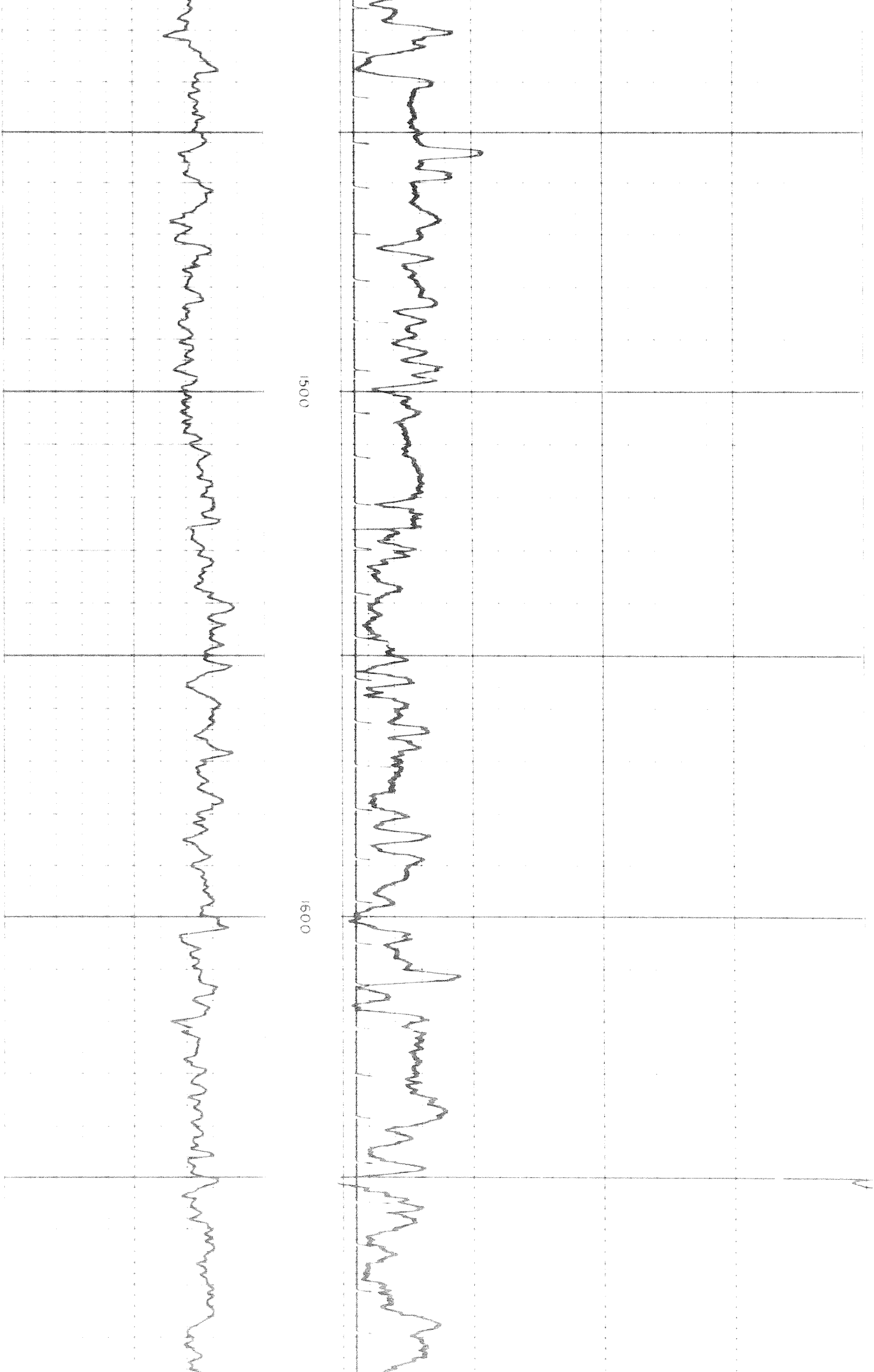
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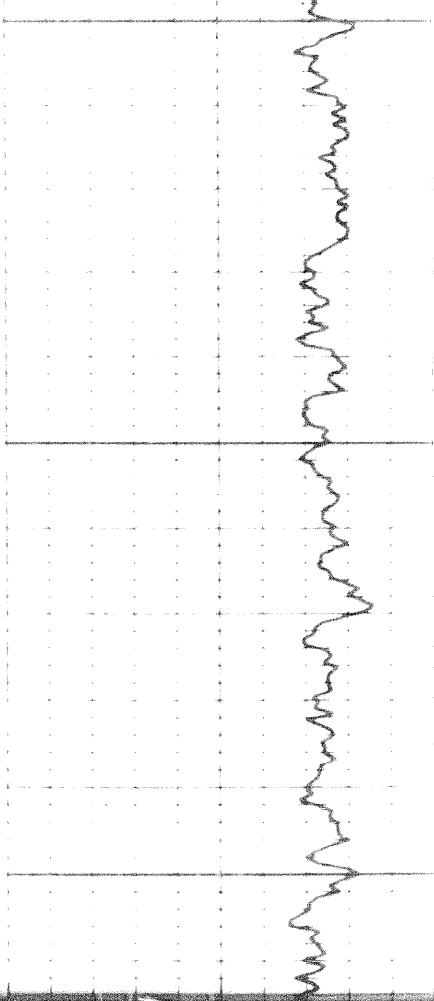
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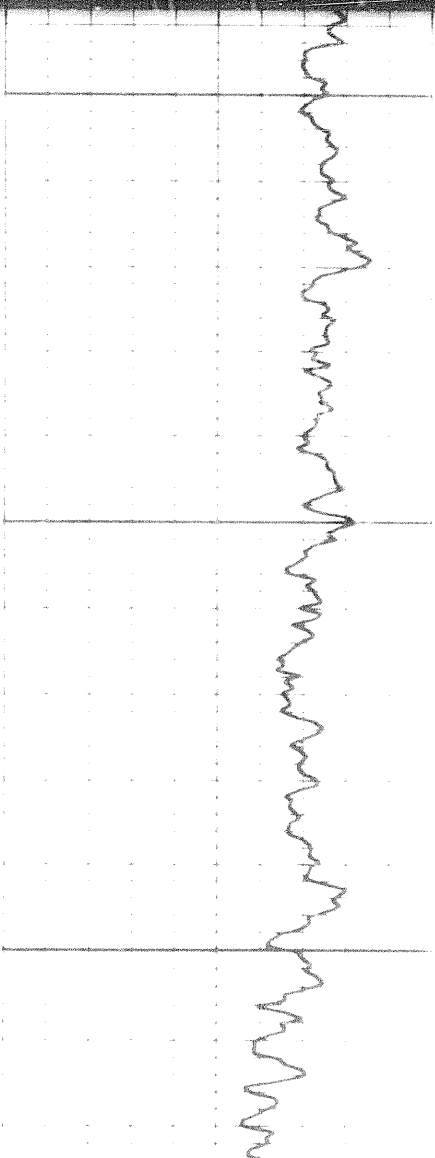
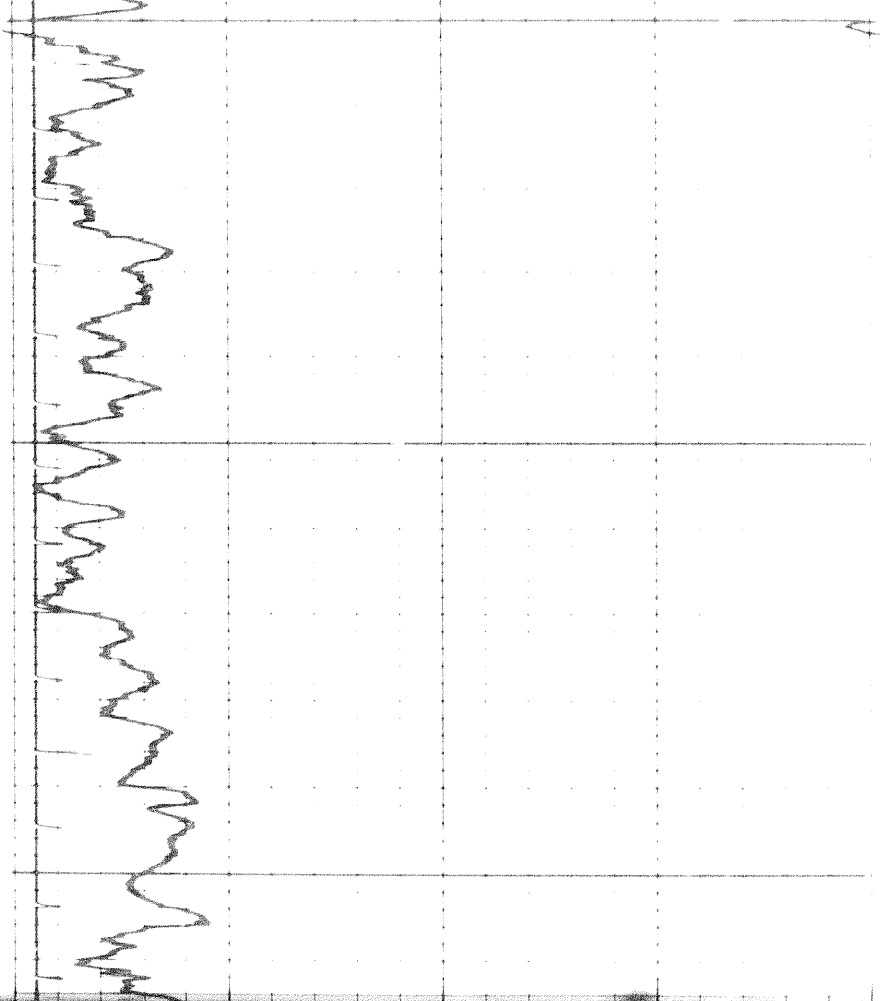




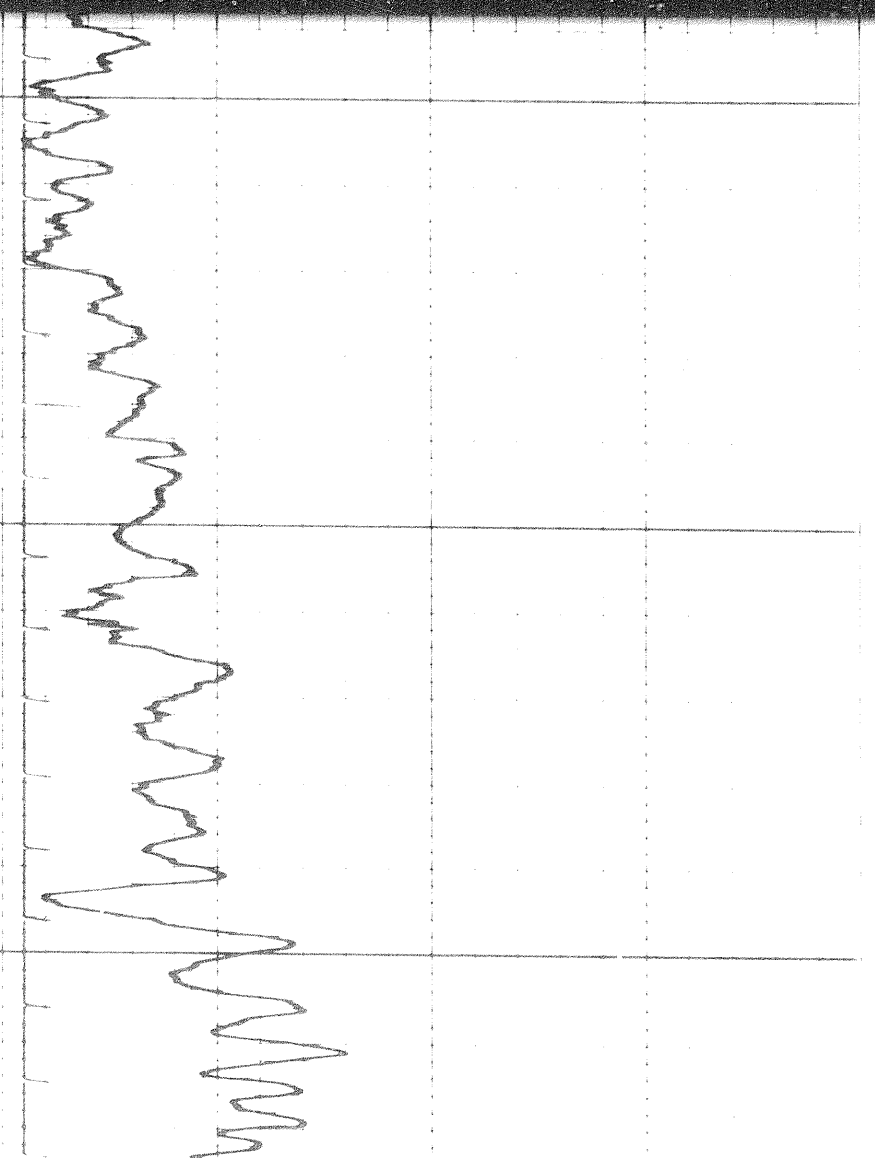
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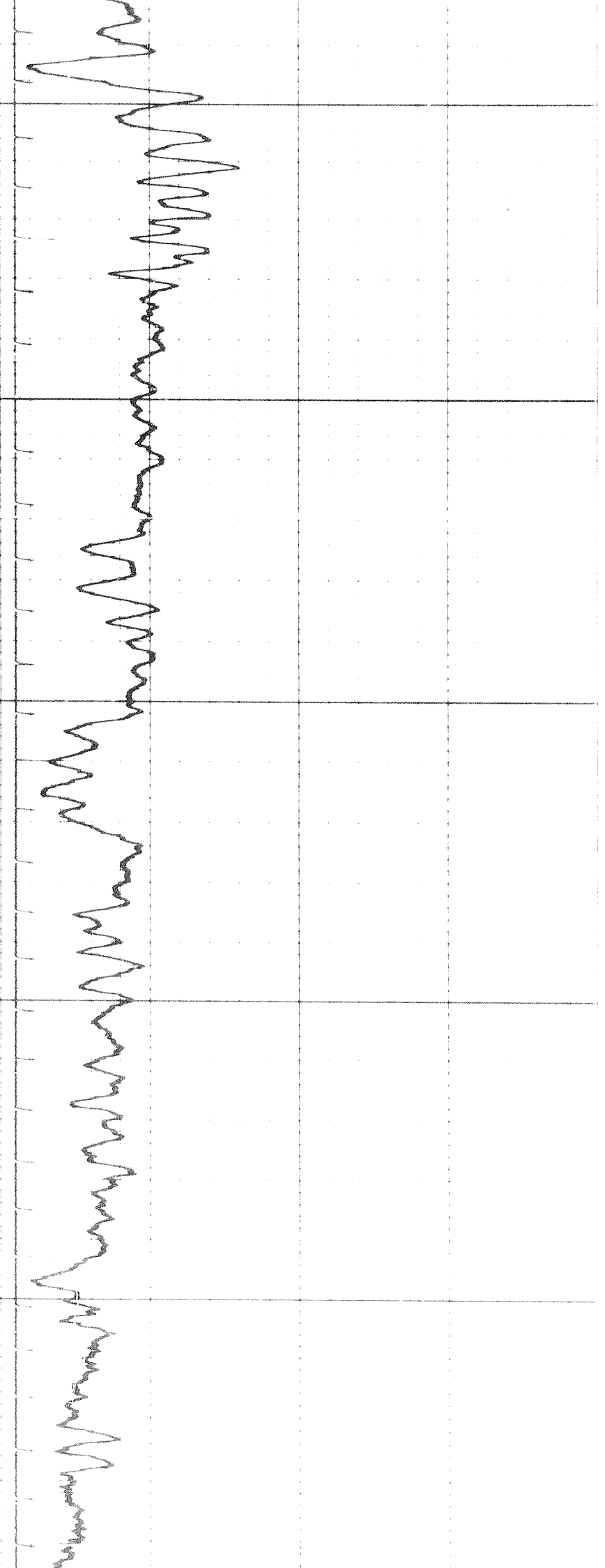
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1700



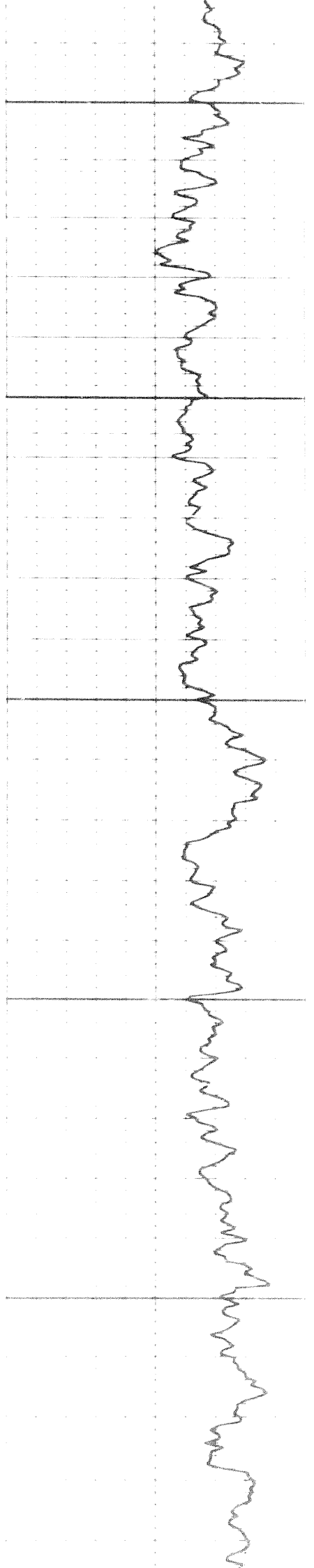
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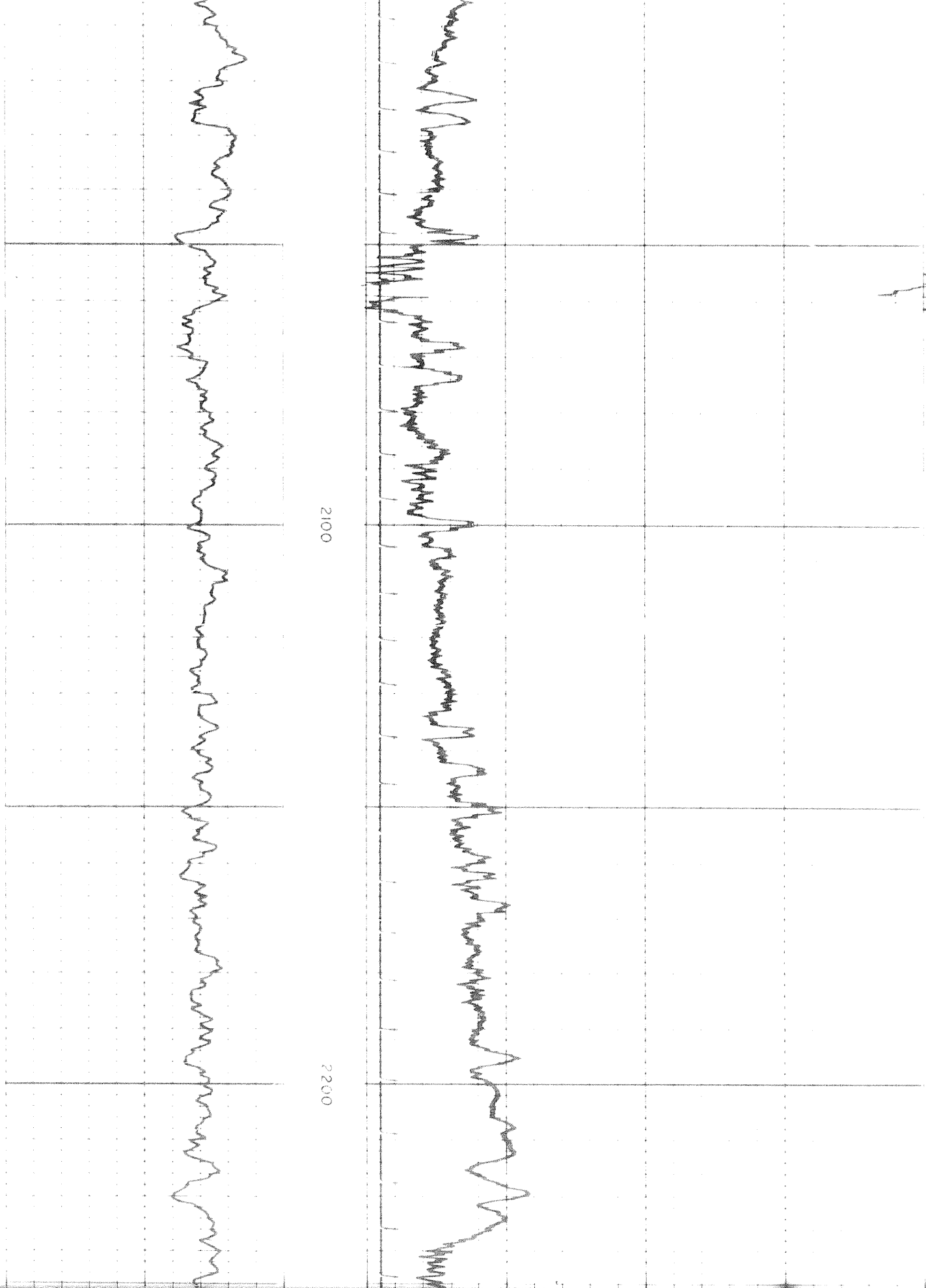
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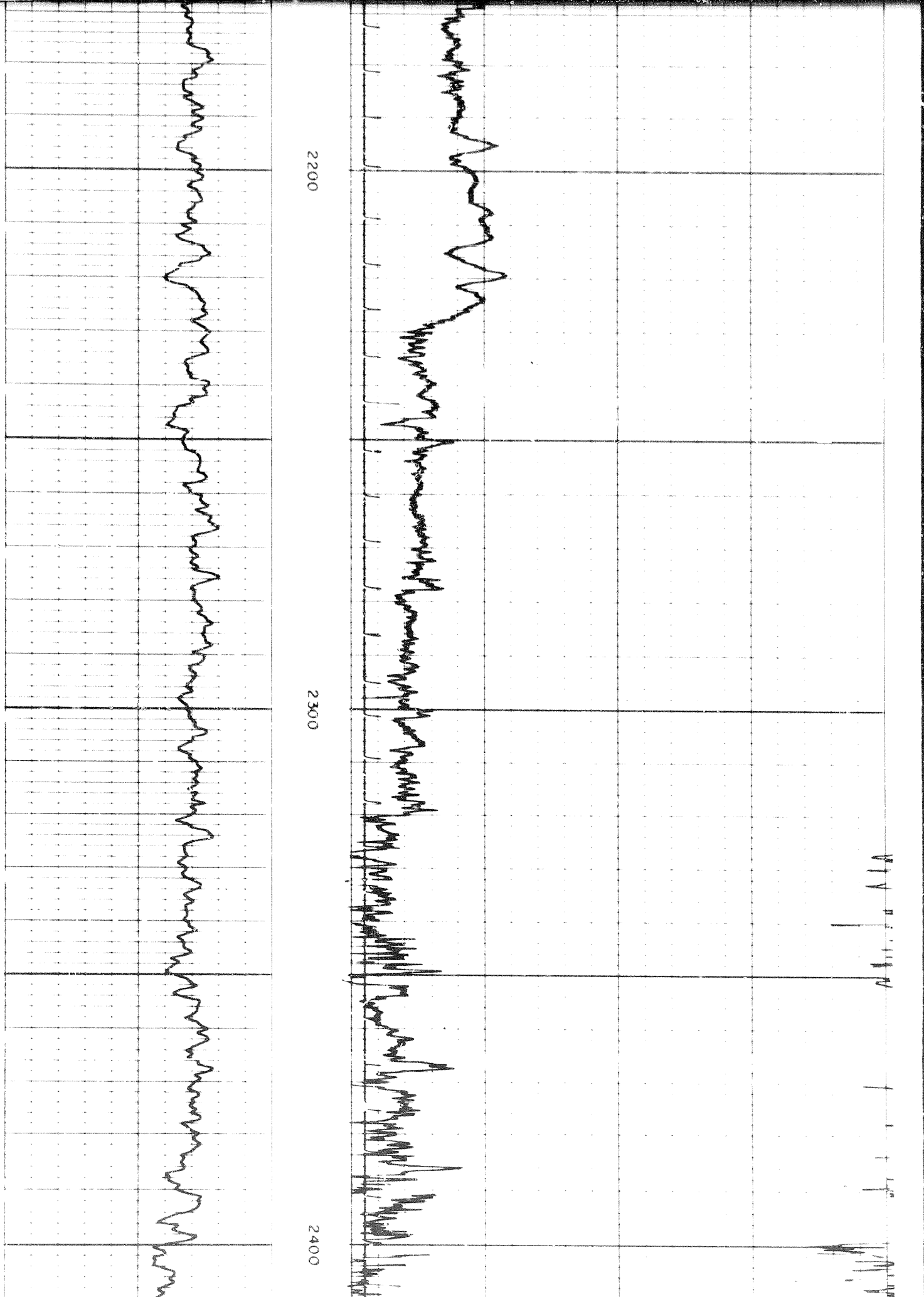
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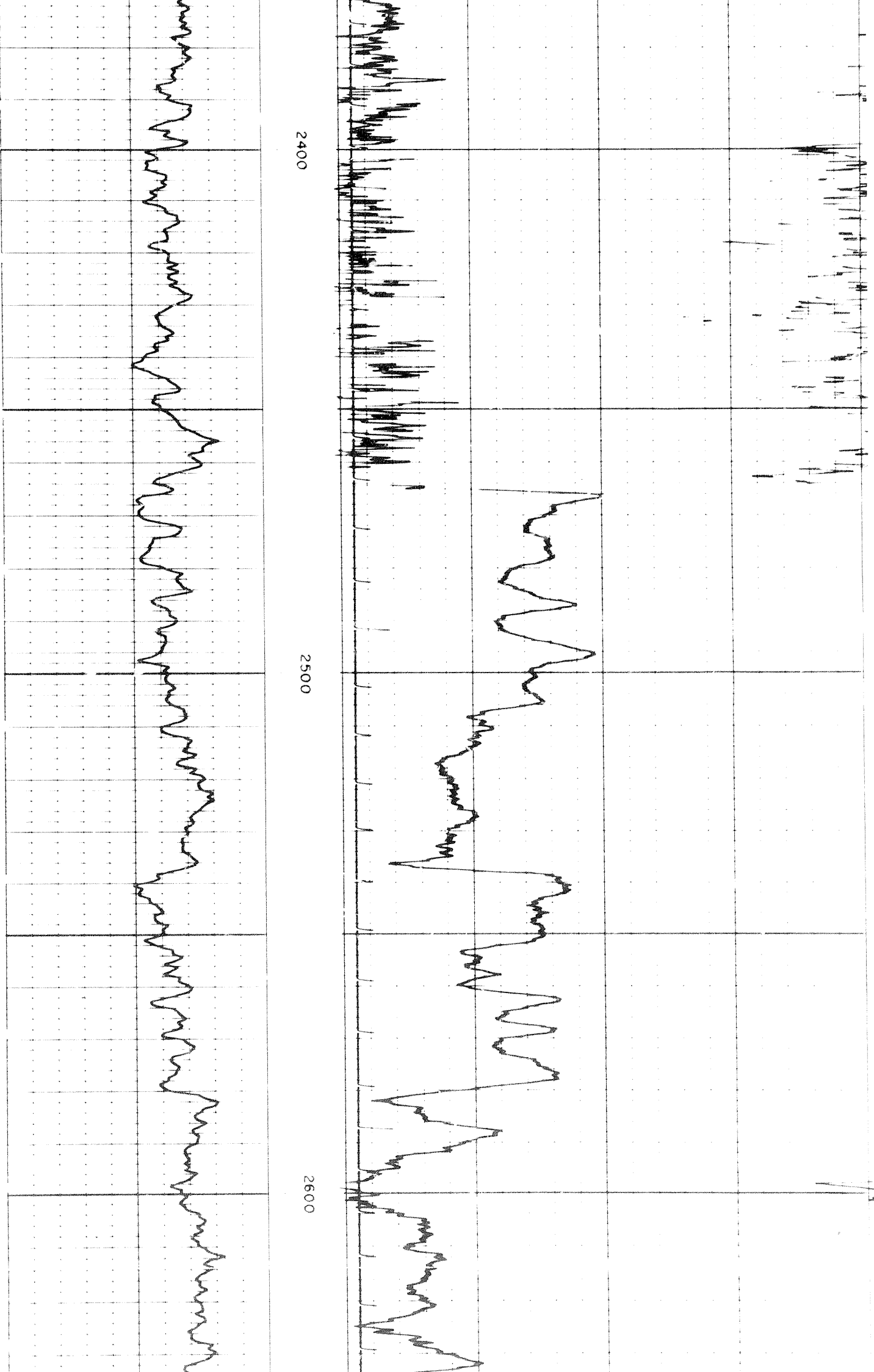


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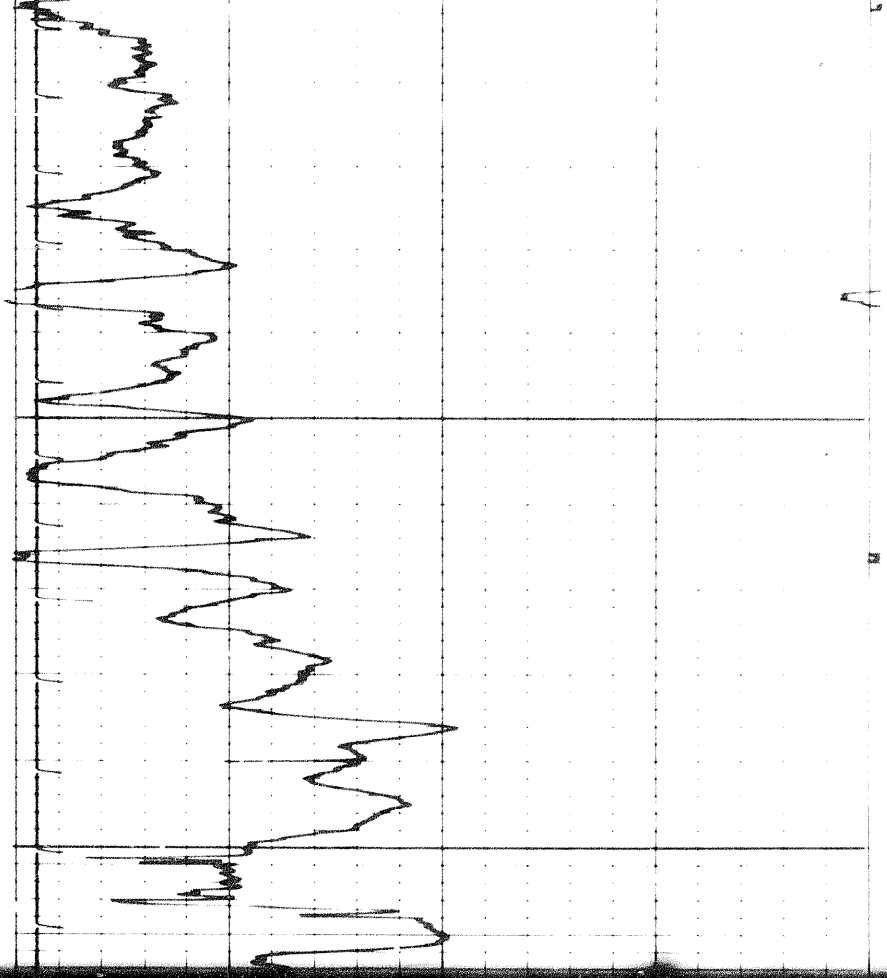




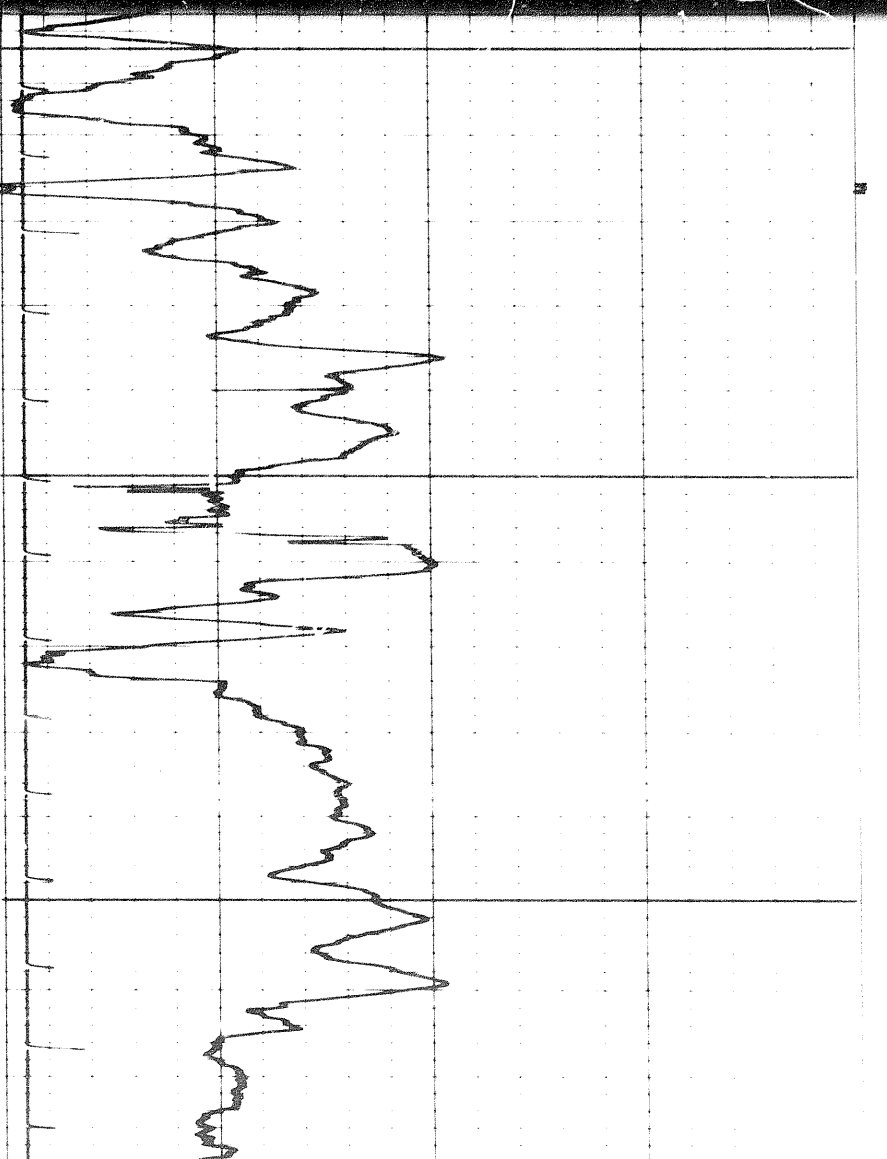
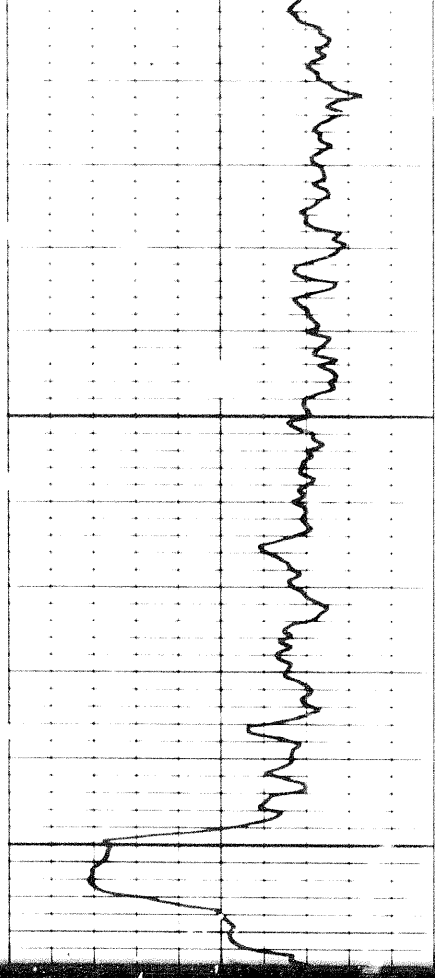
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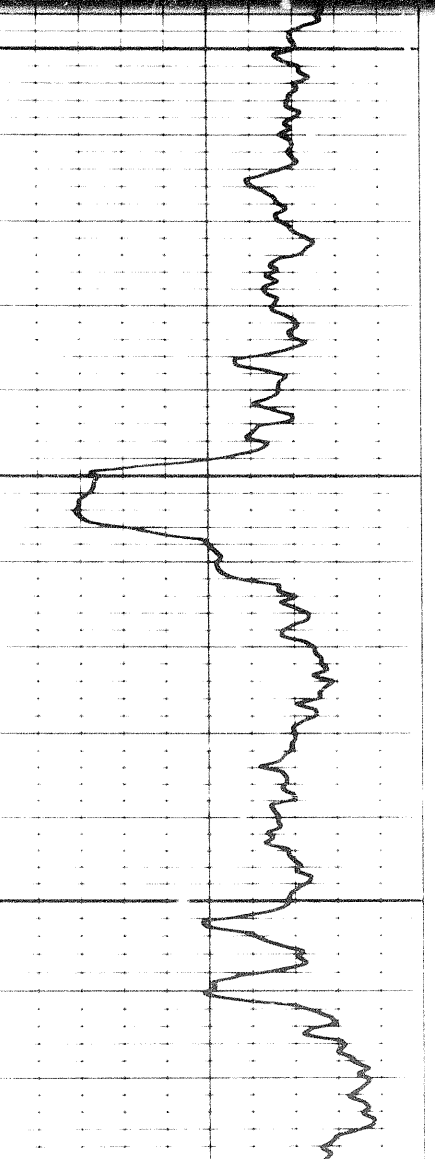
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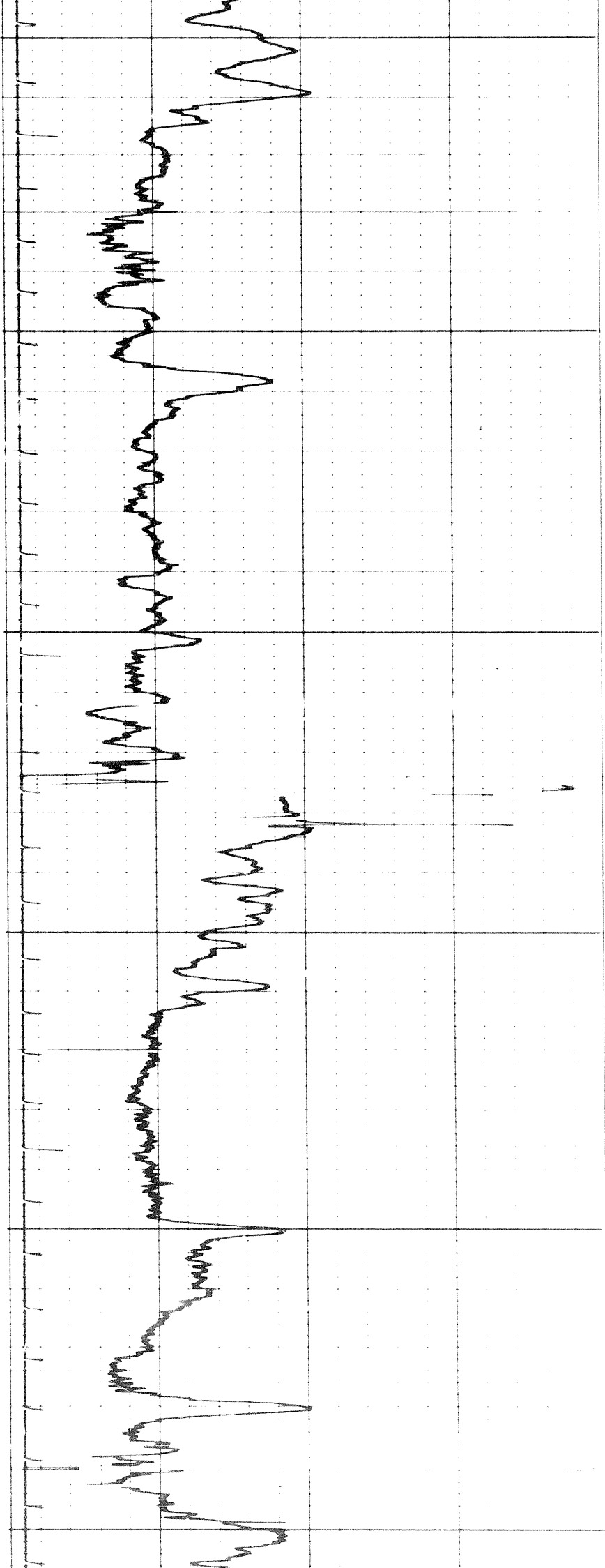
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2700



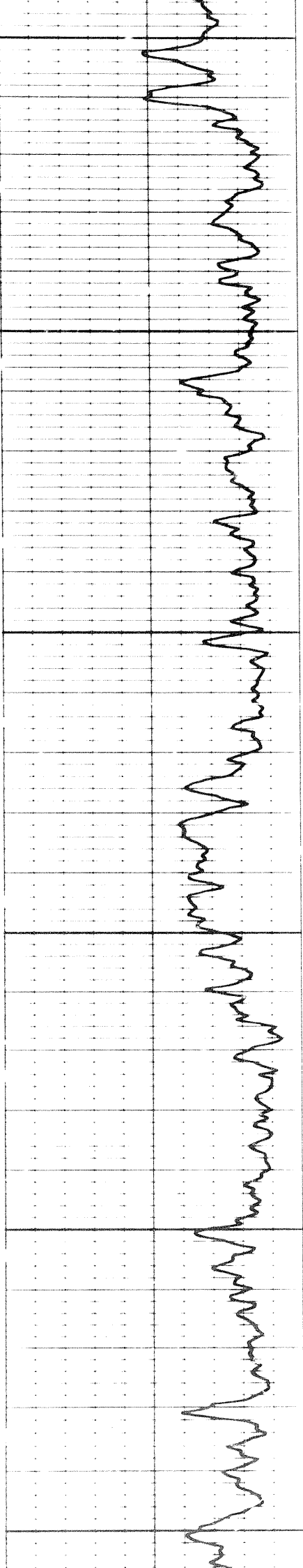
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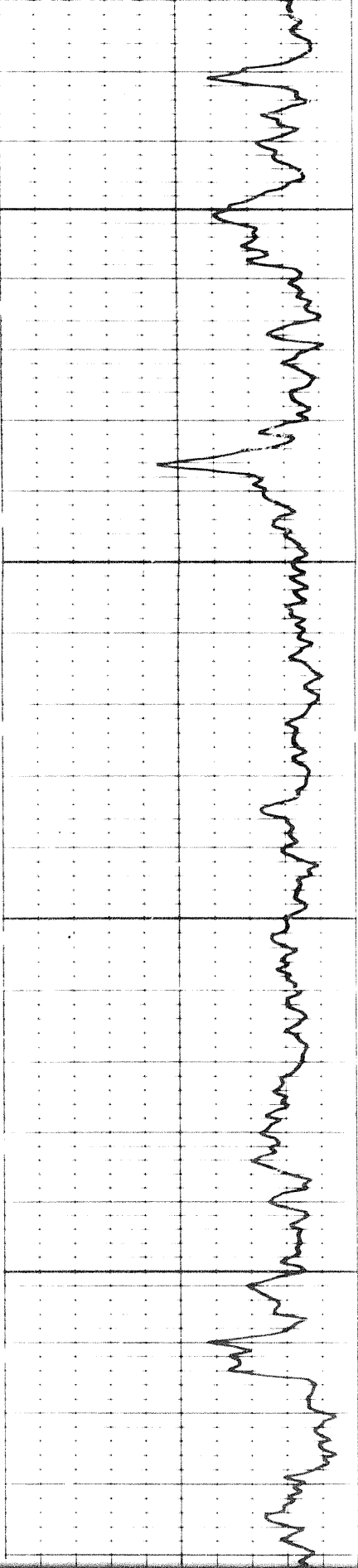
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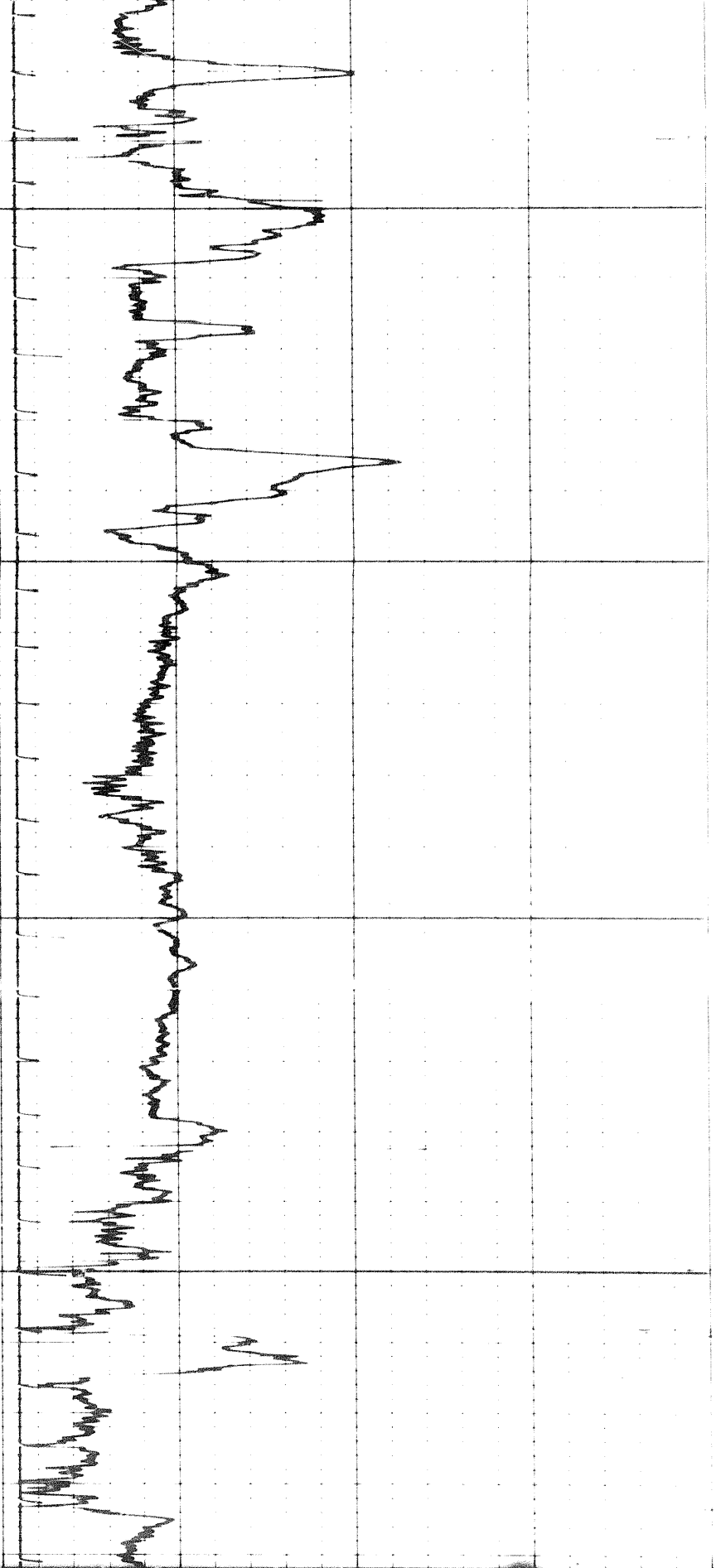
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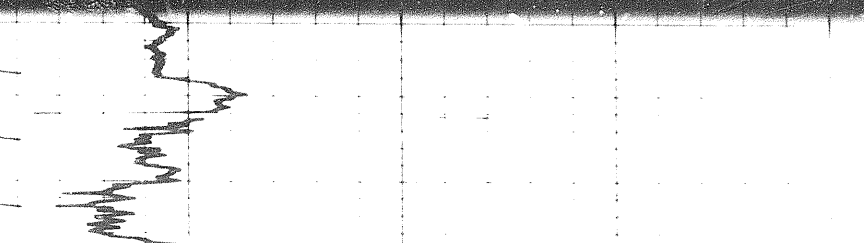
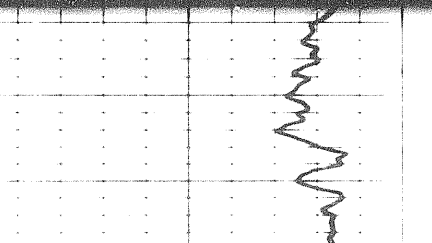
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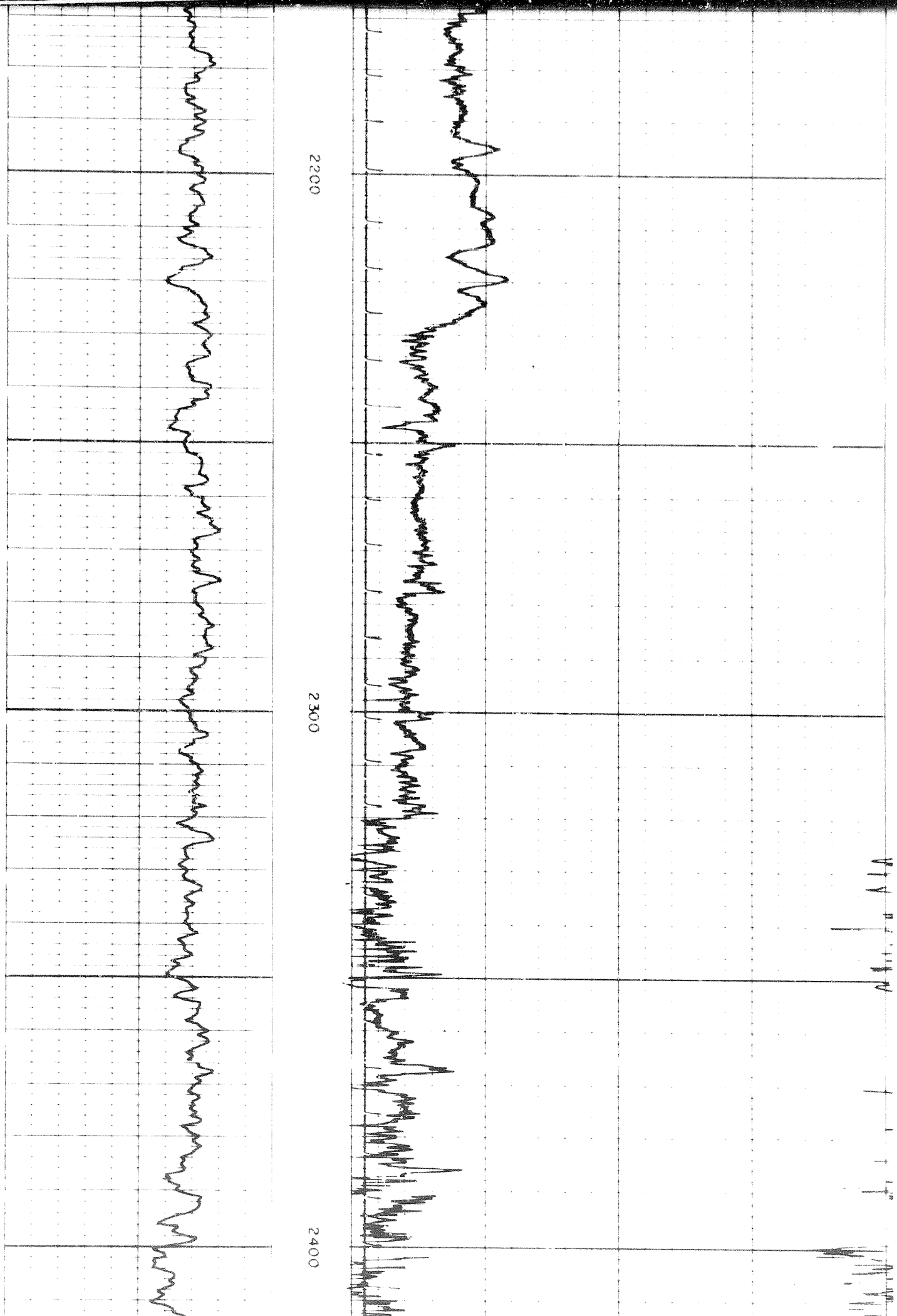


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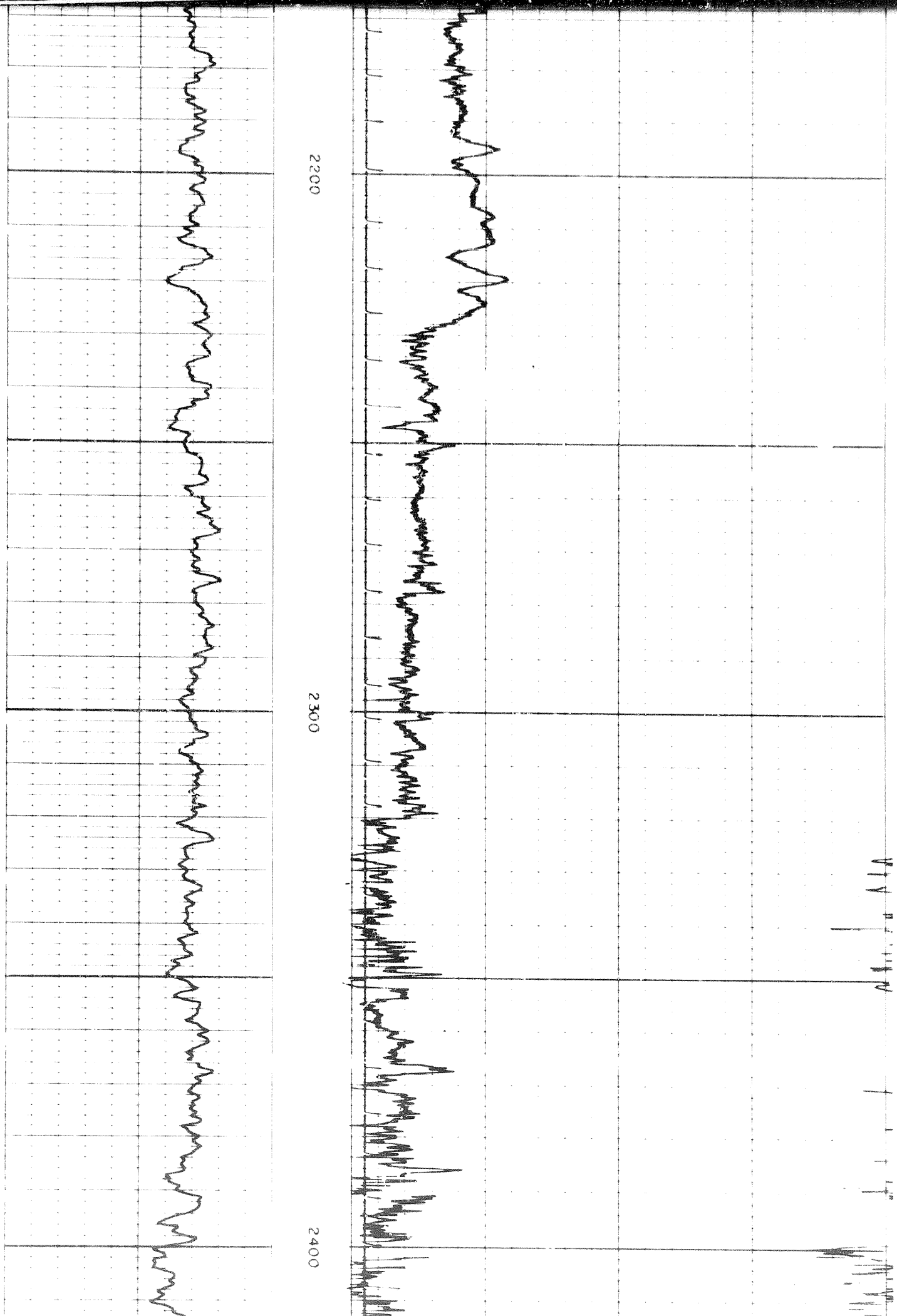


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V1 V2 V3 V4 V5 V6

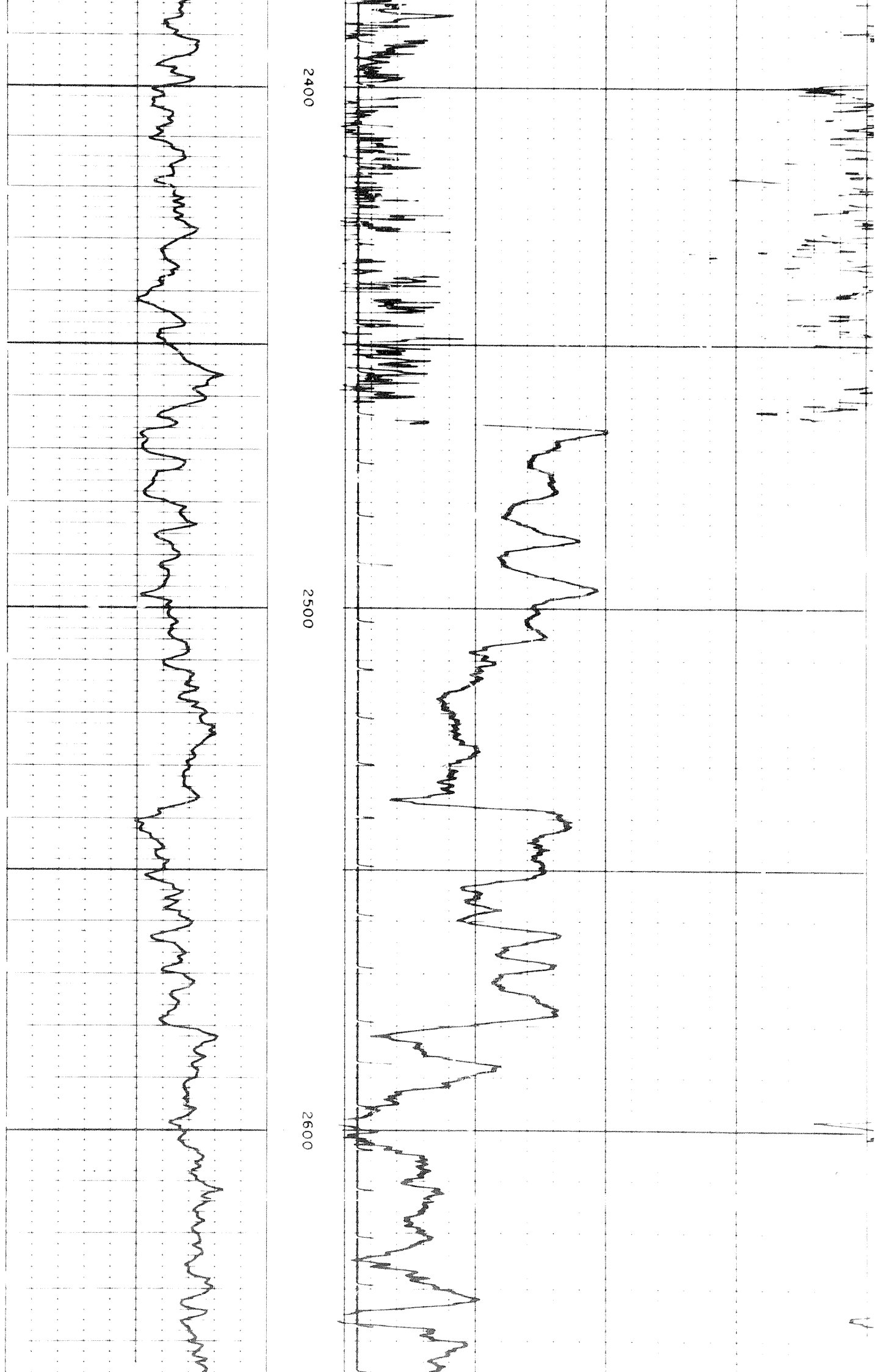


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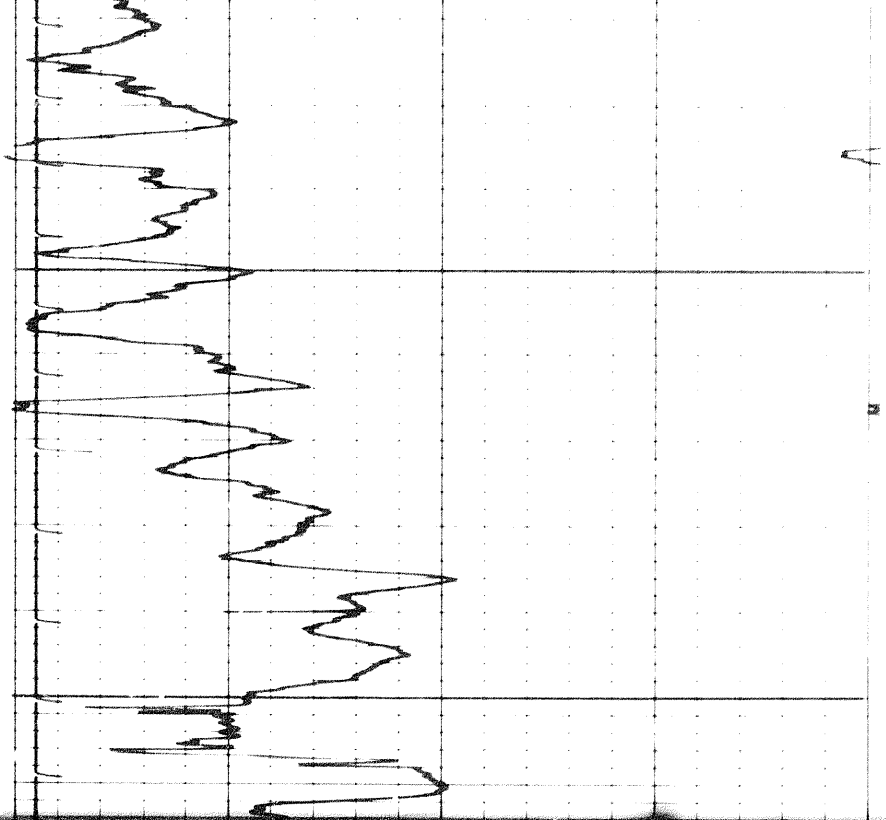
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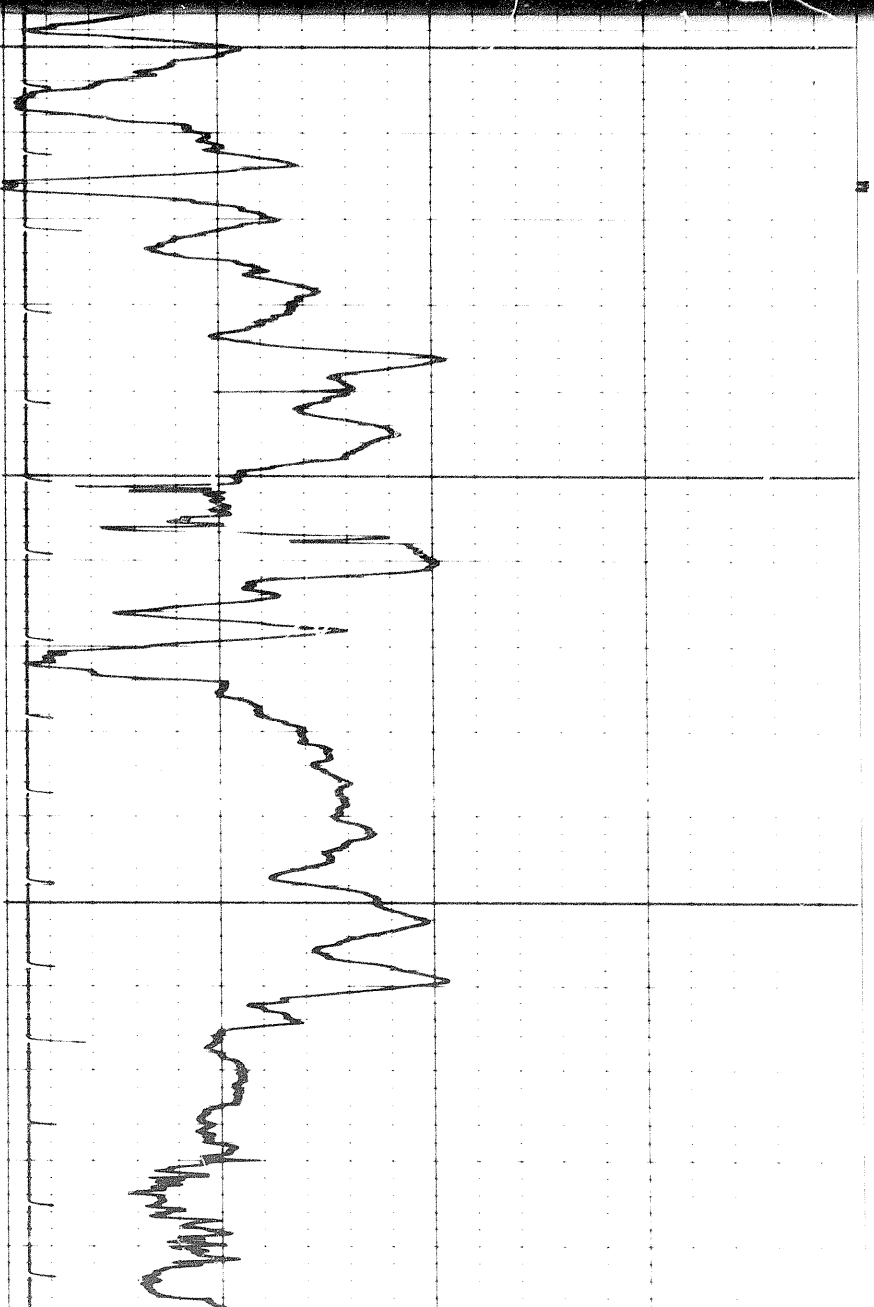
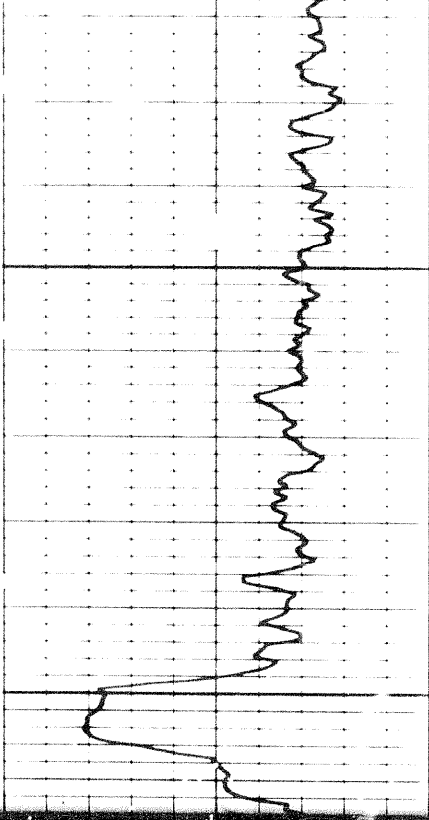
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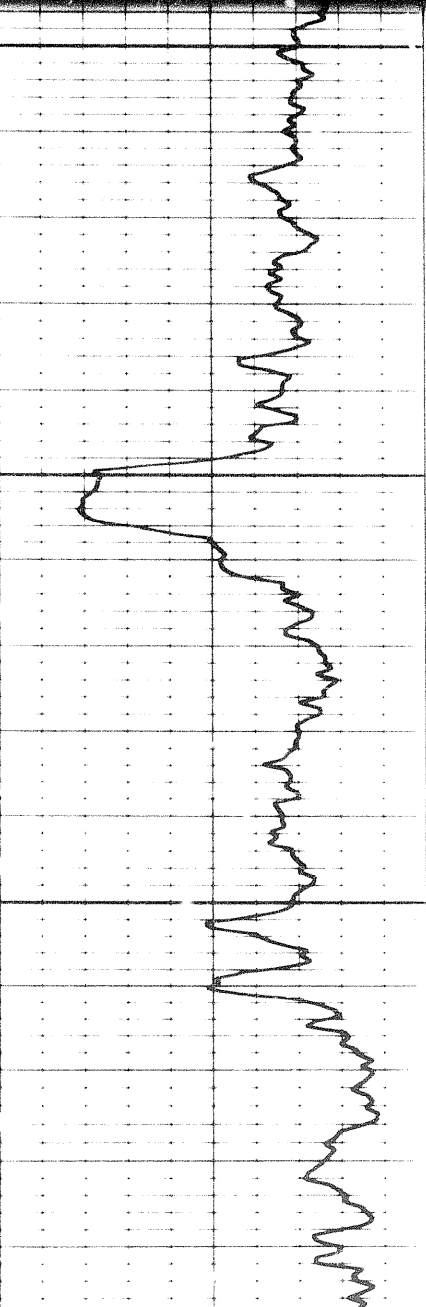
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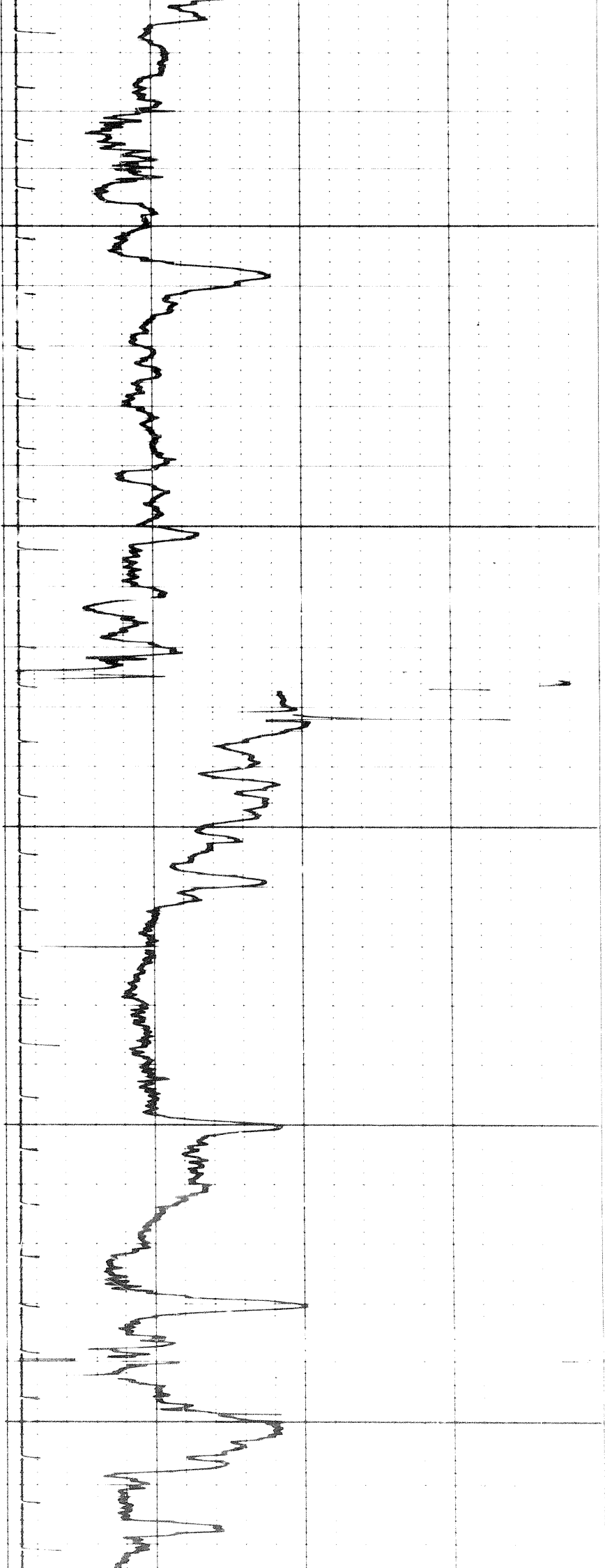


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2700

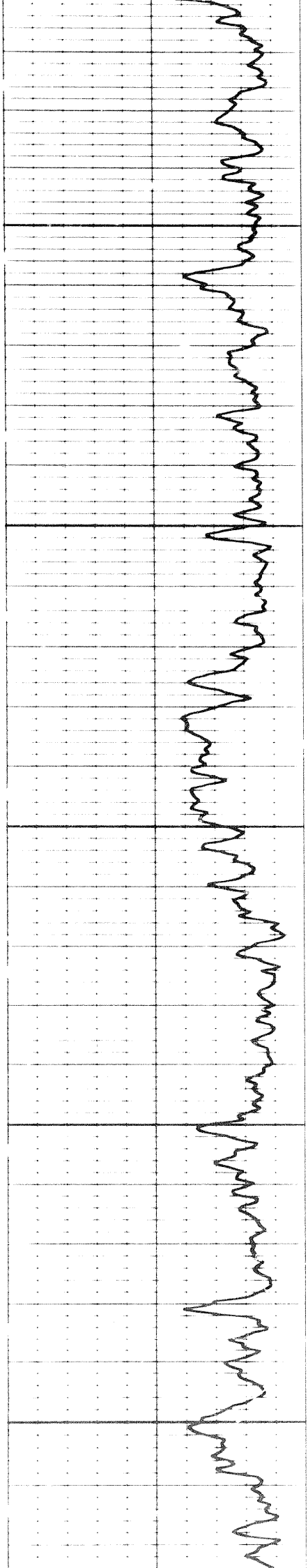




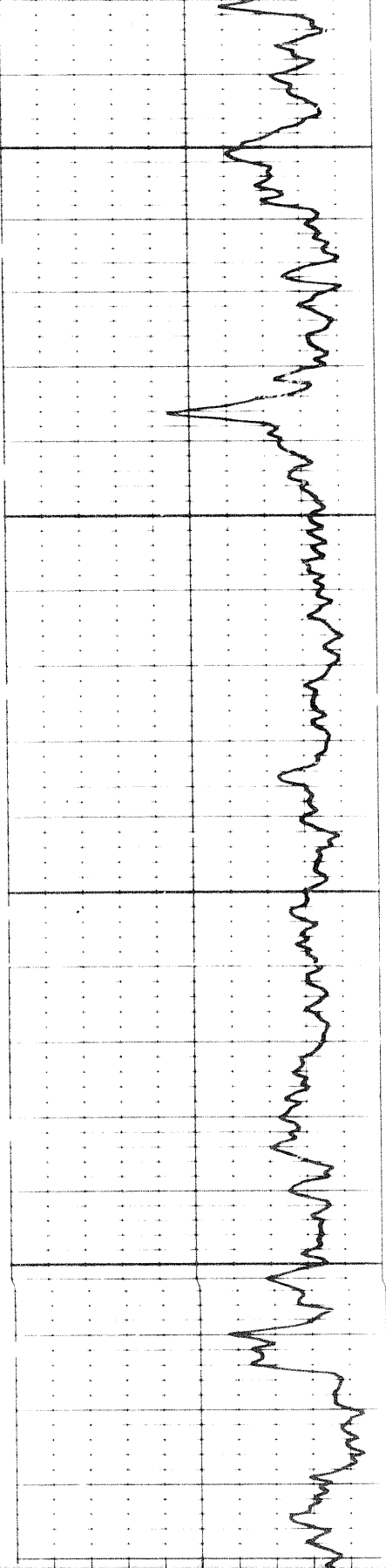
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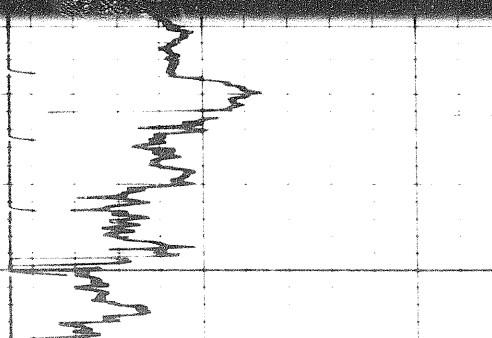
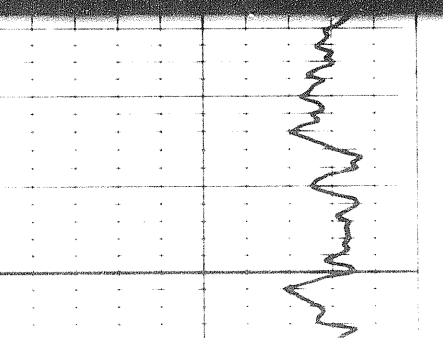
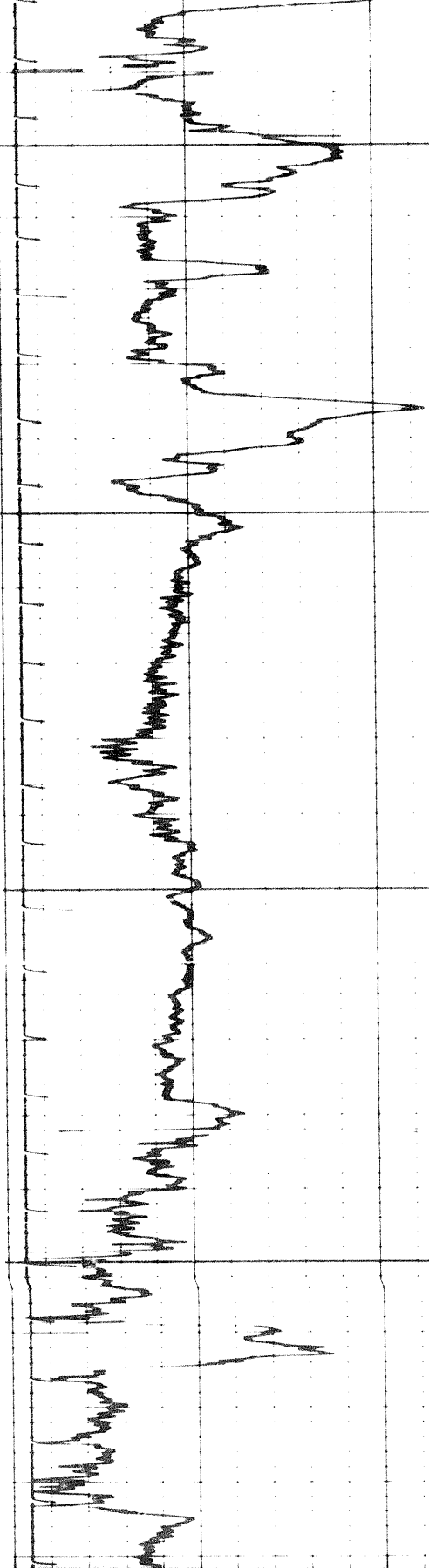


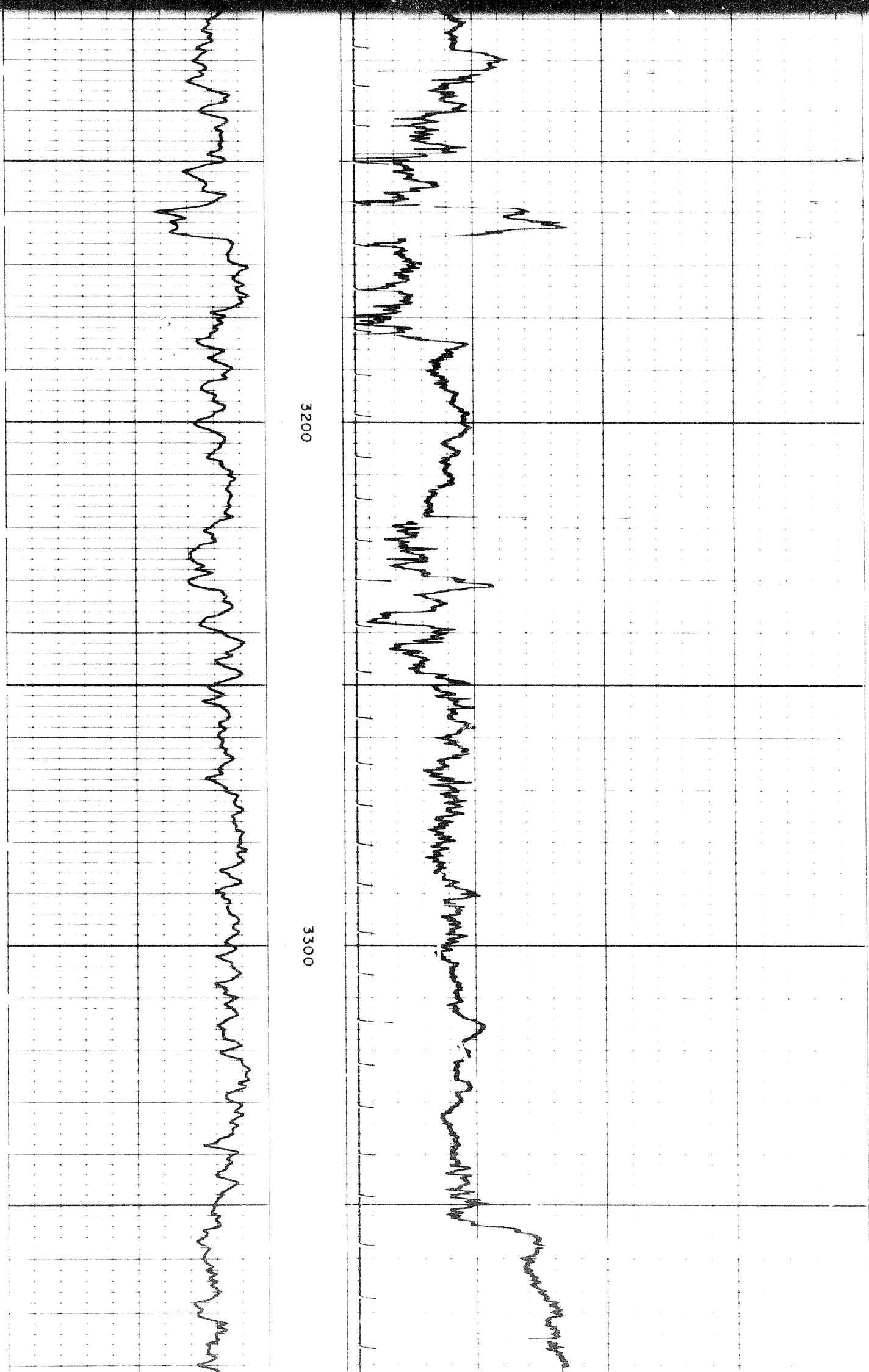
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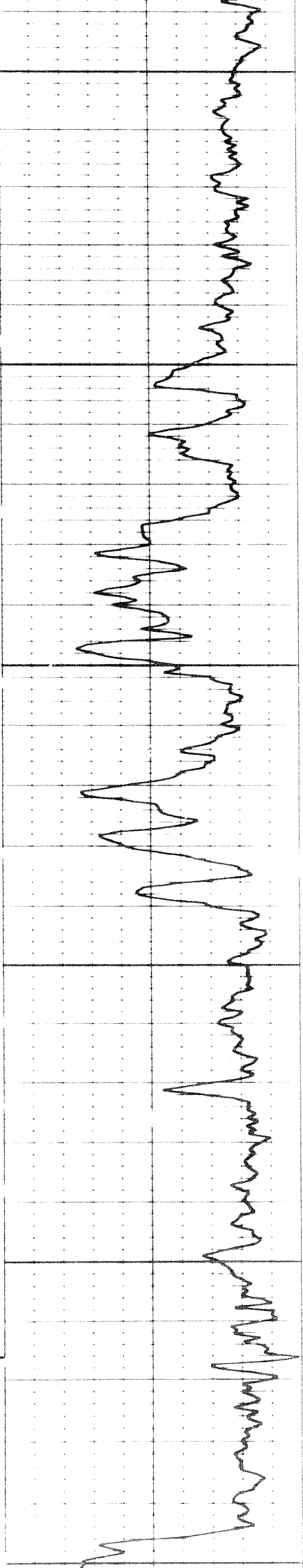


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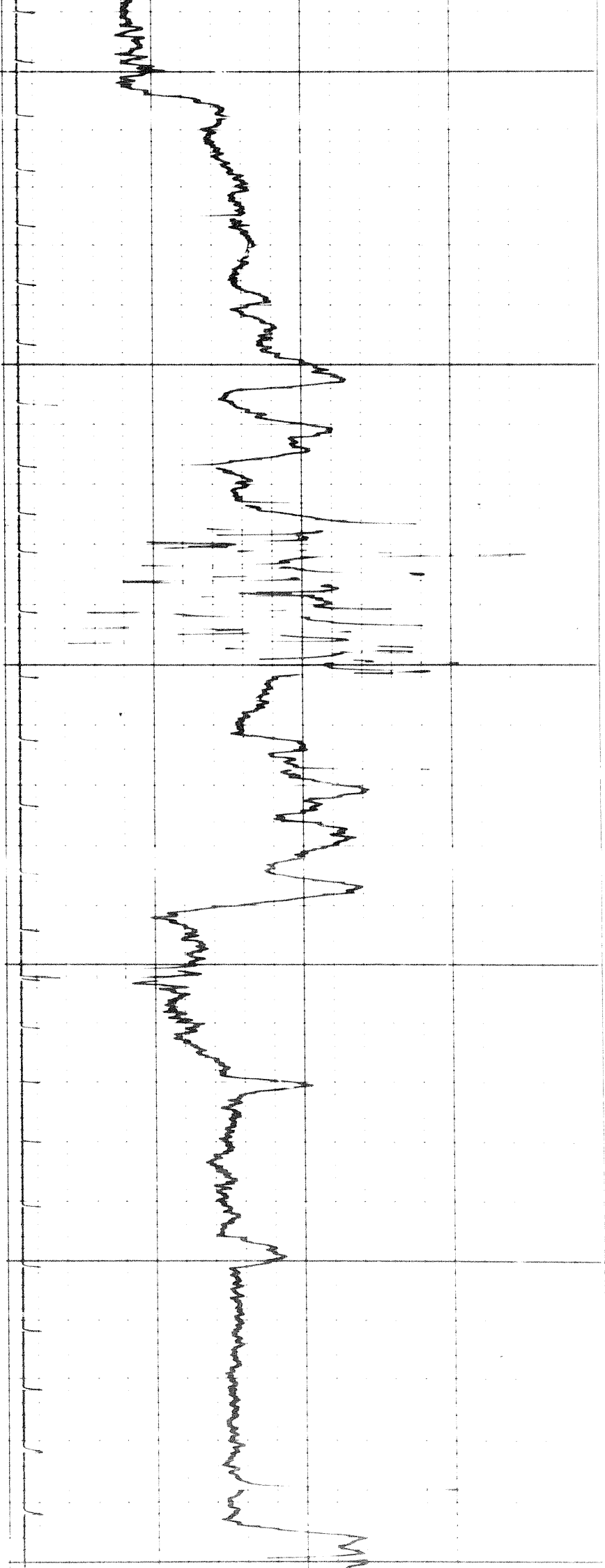




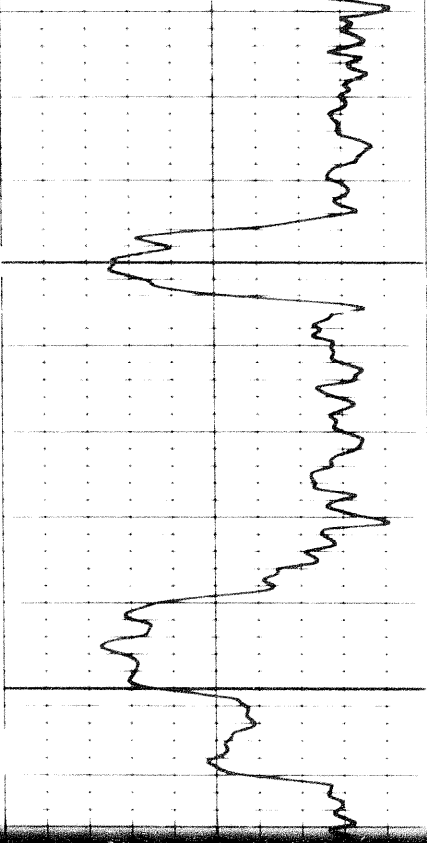
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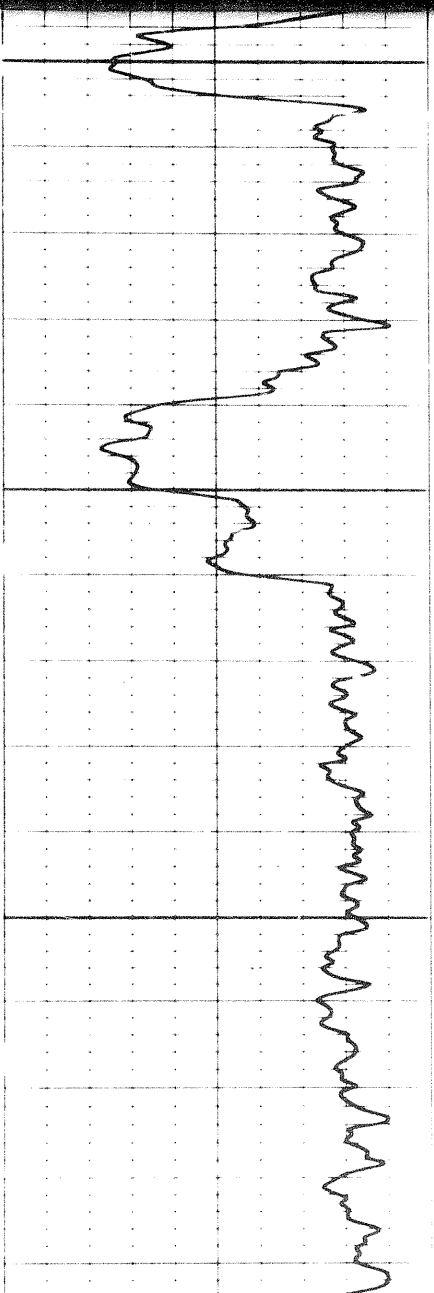
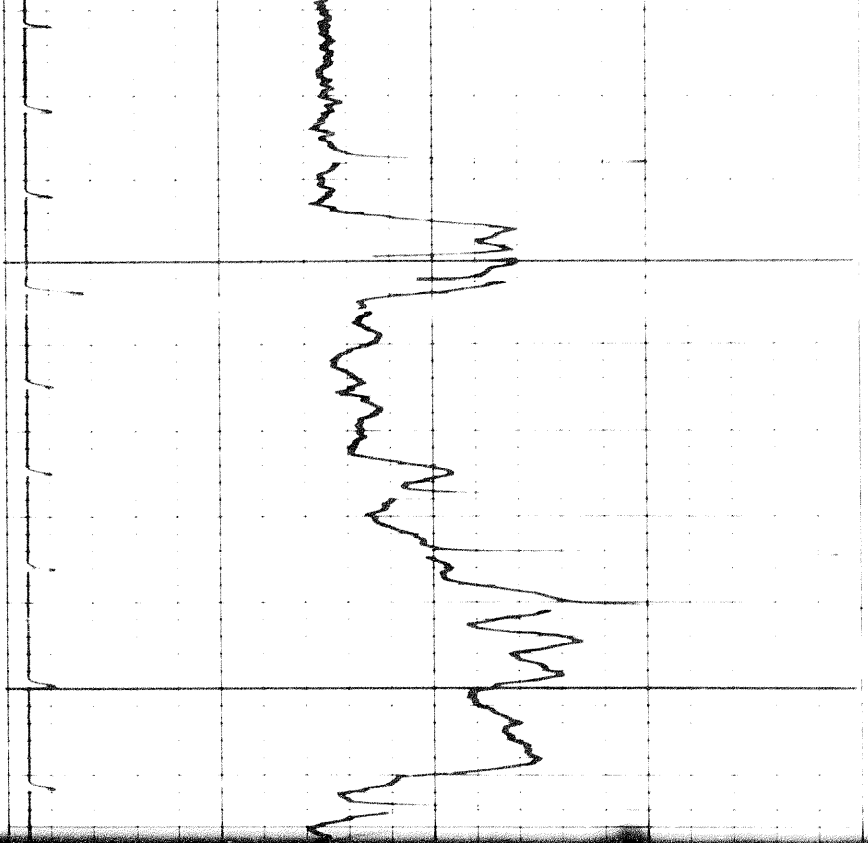
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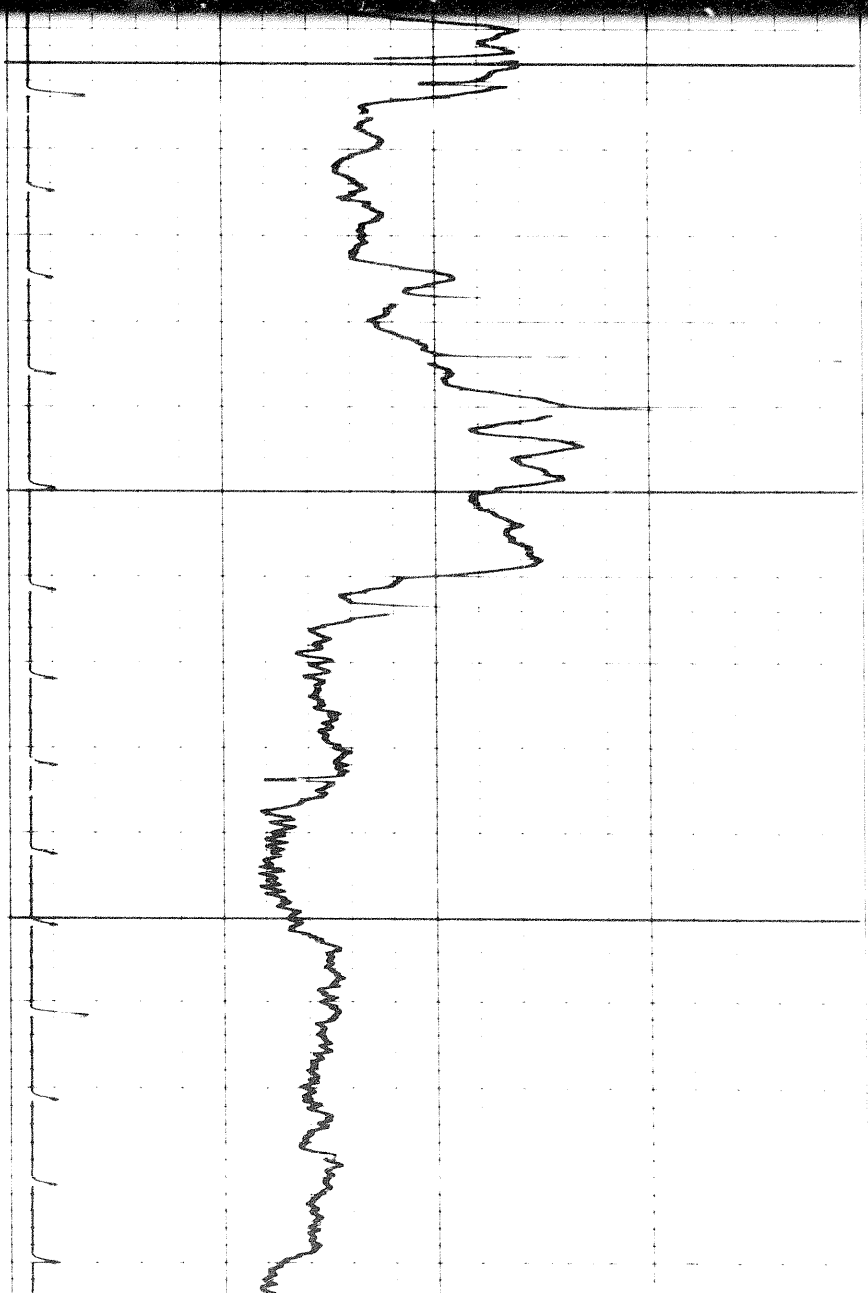
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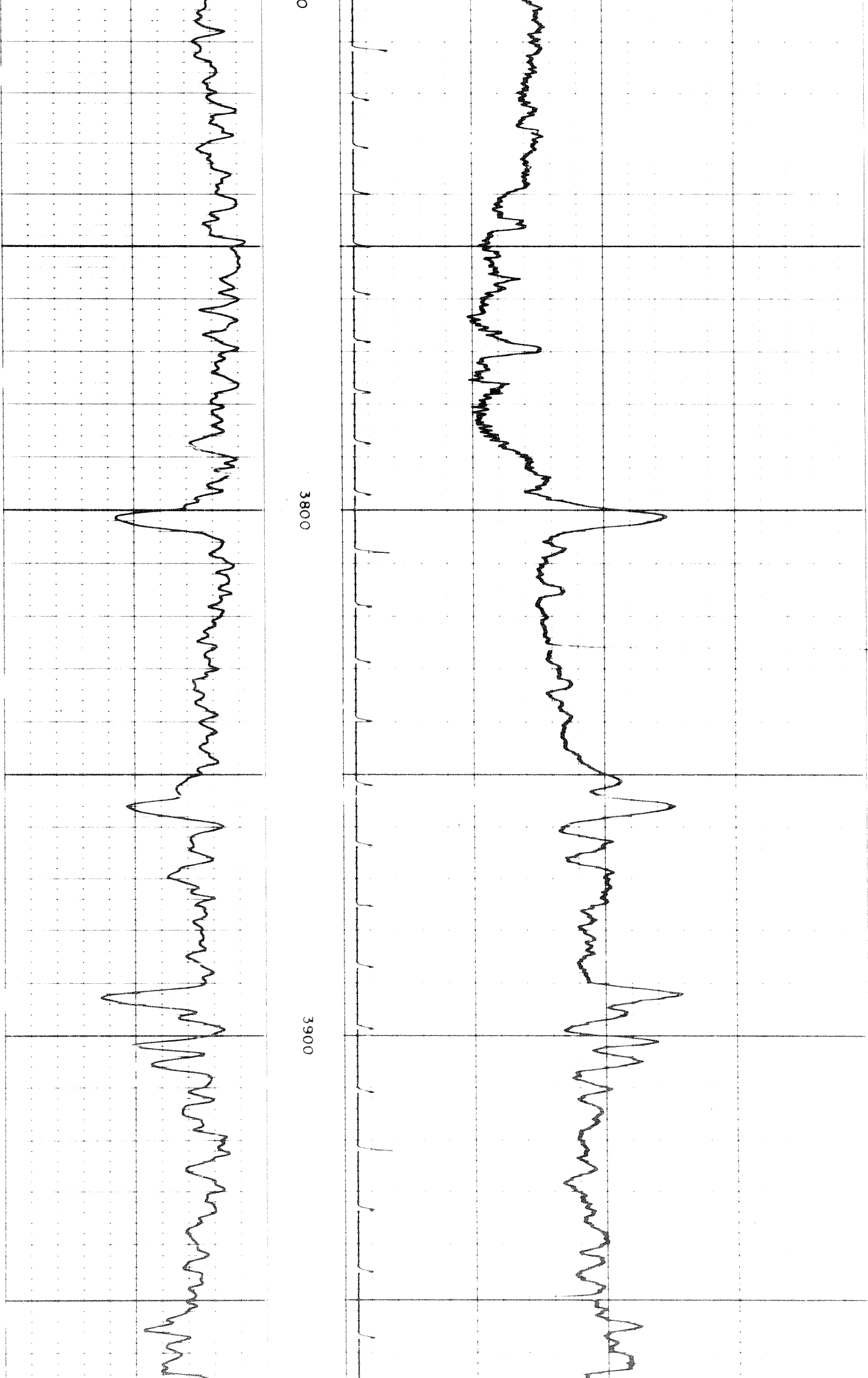
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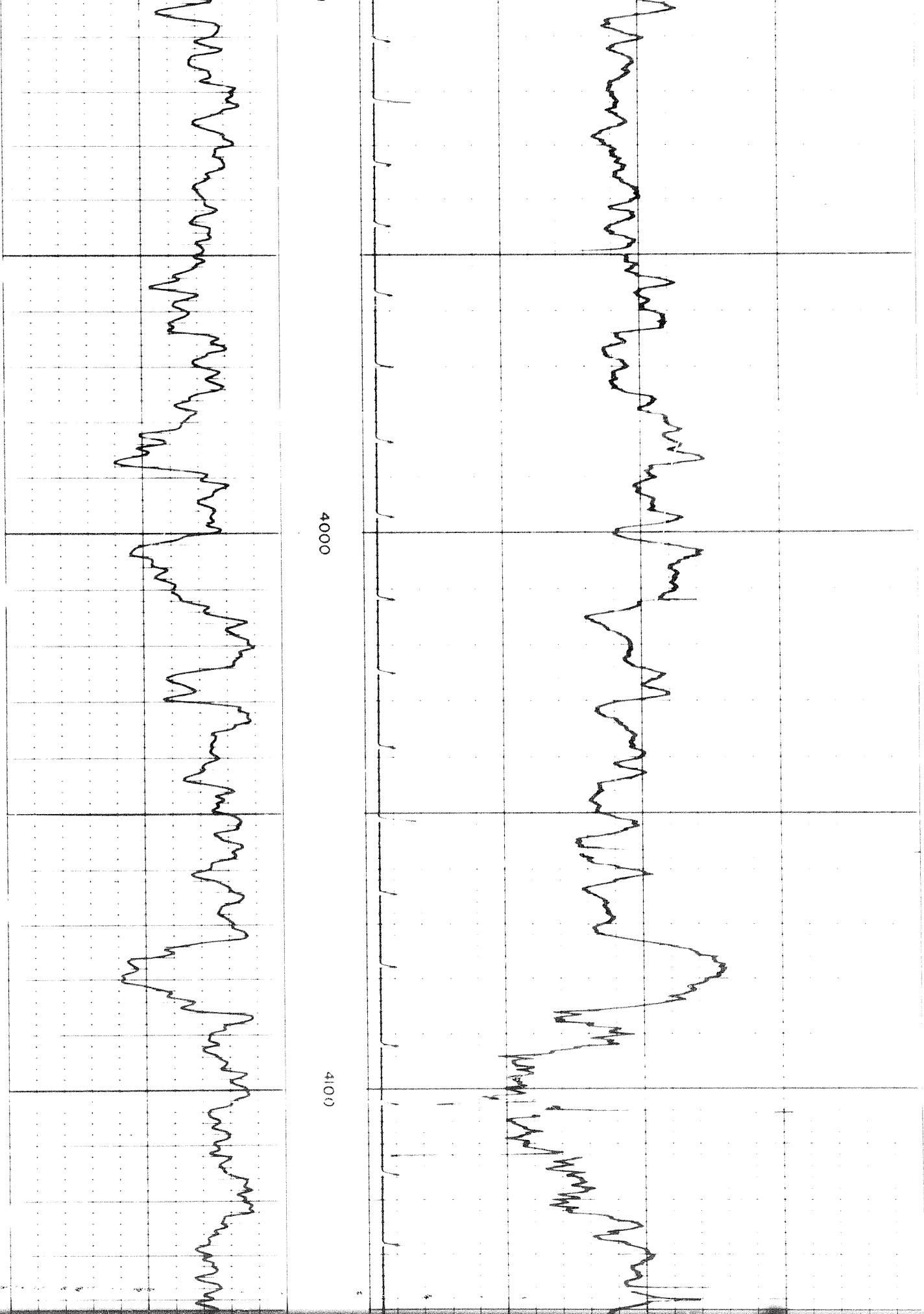
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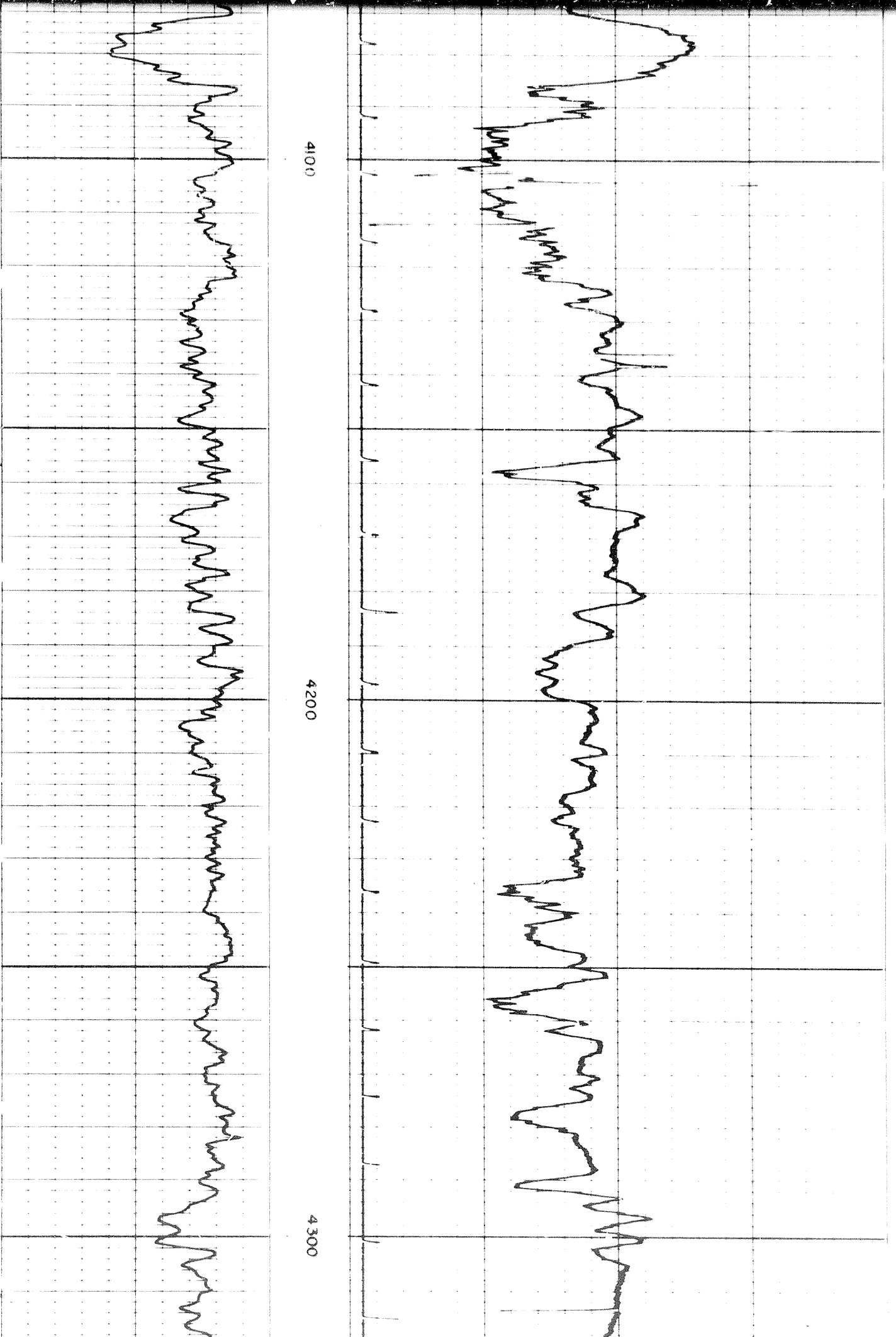


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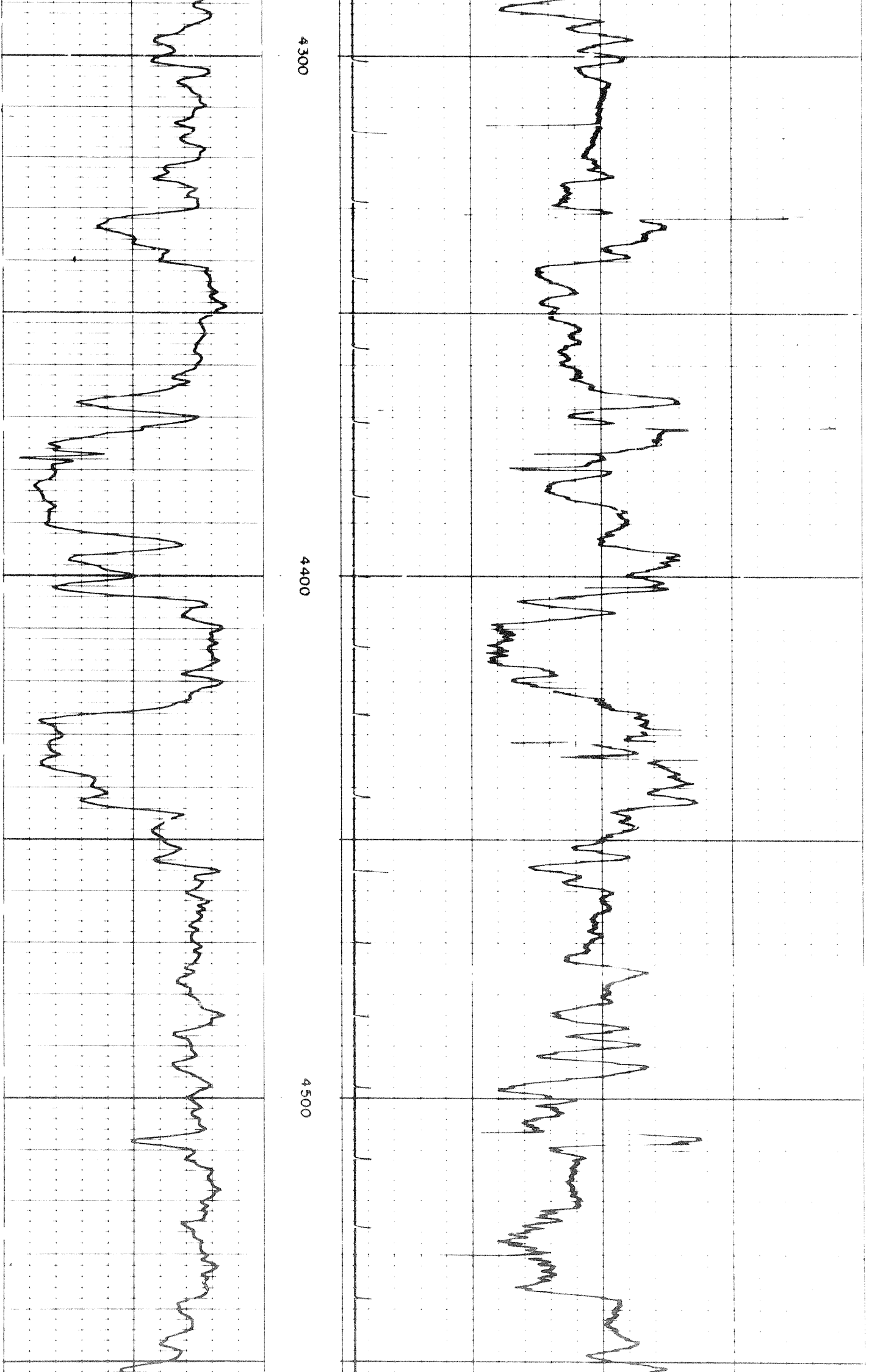
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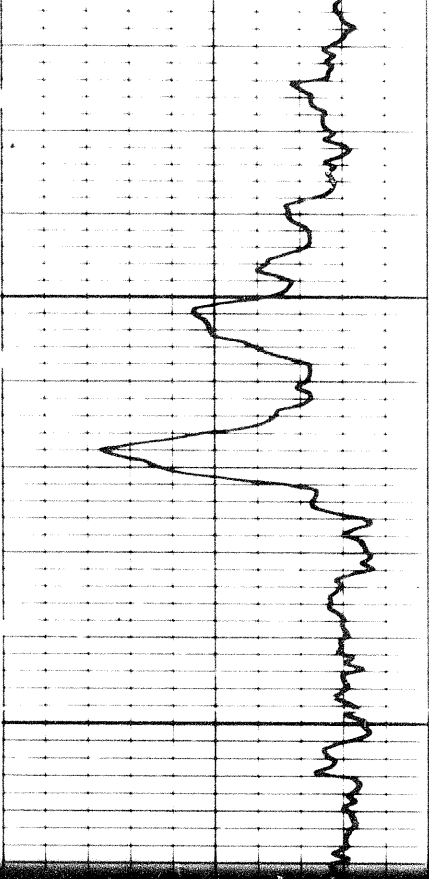
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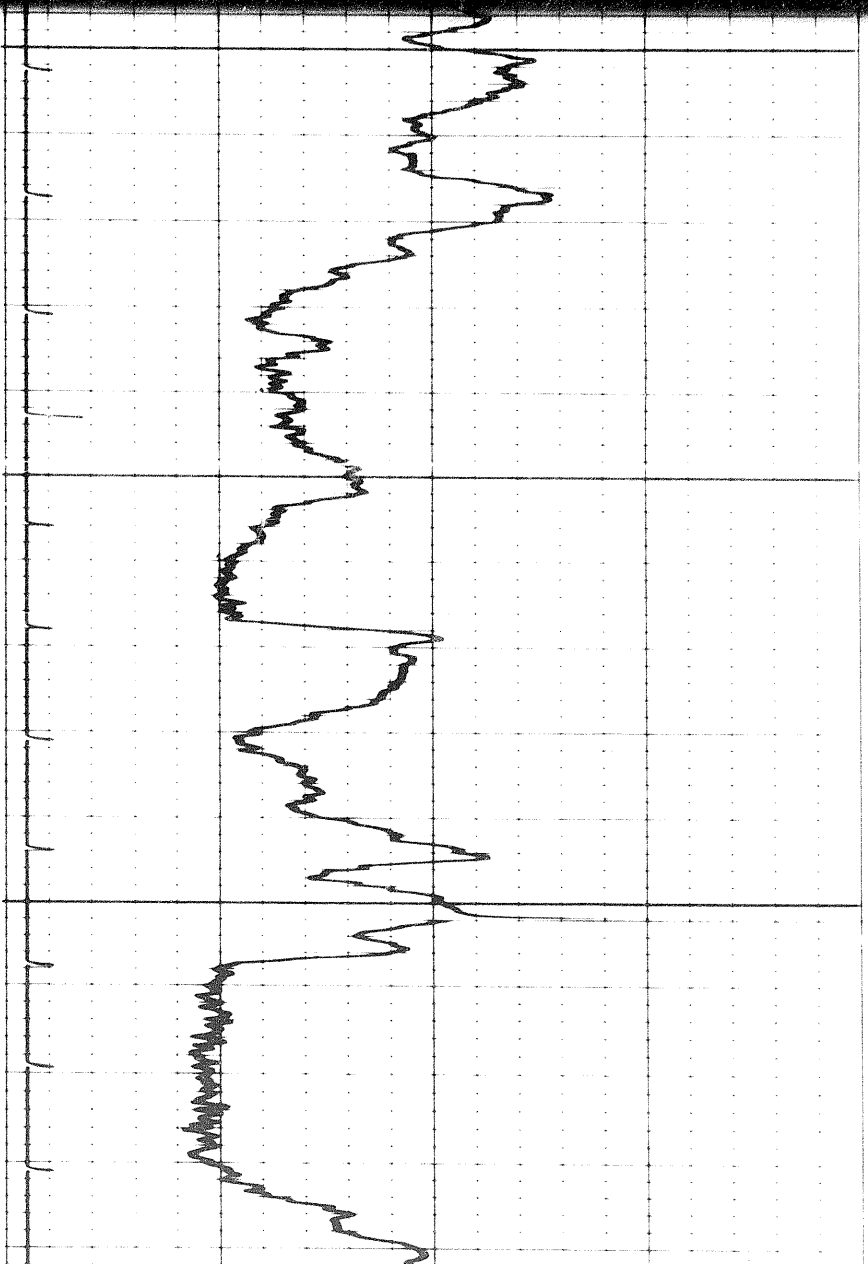
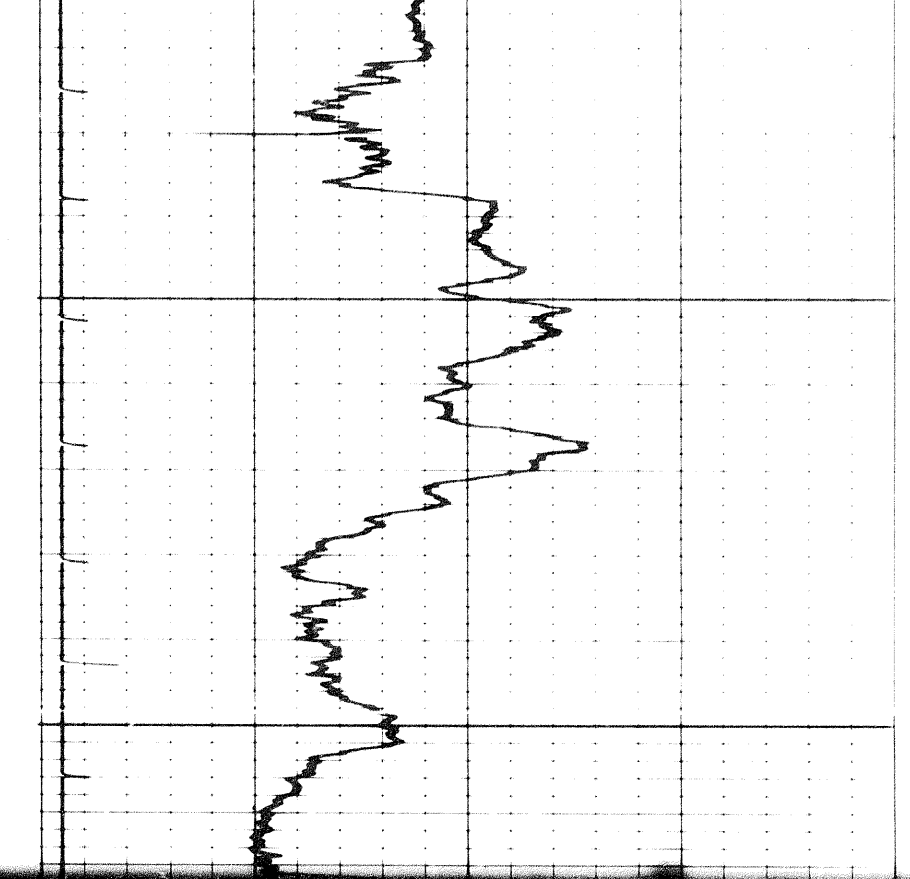
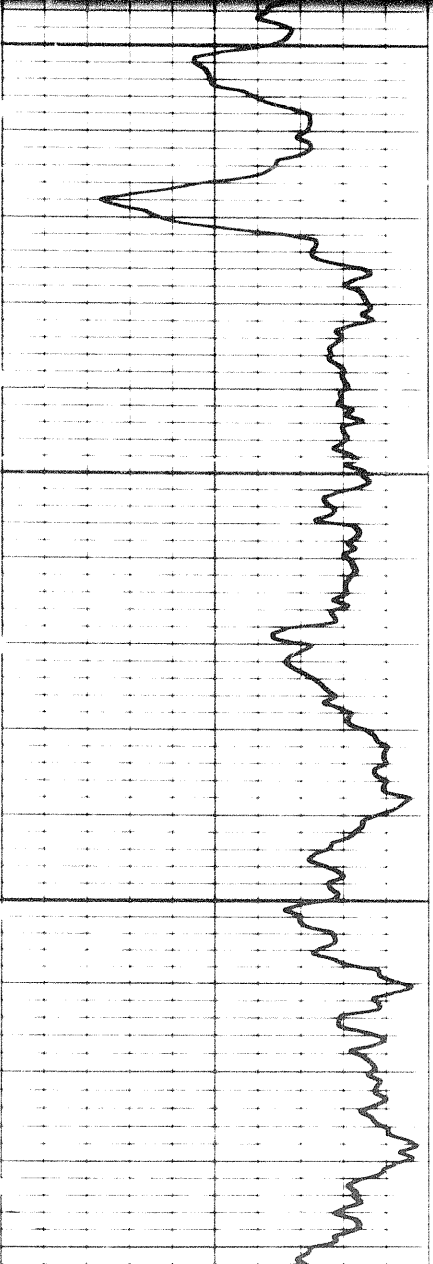
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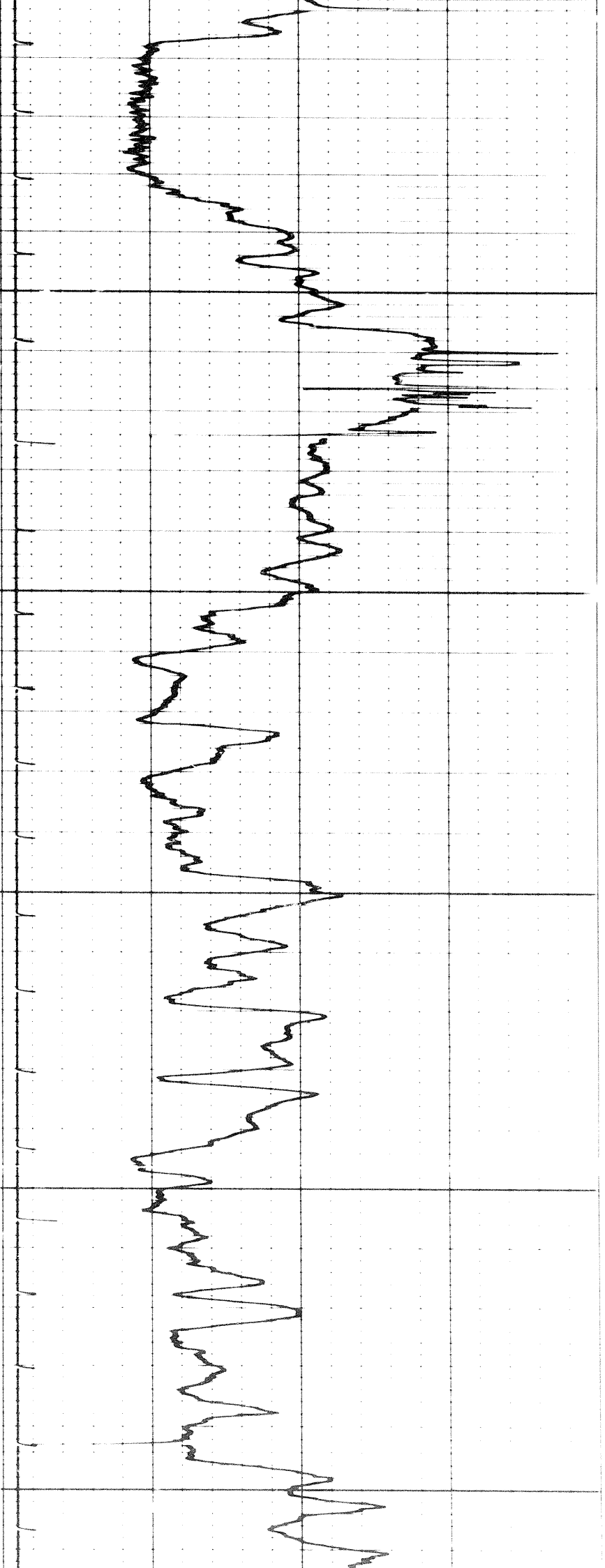


4.500



4.500

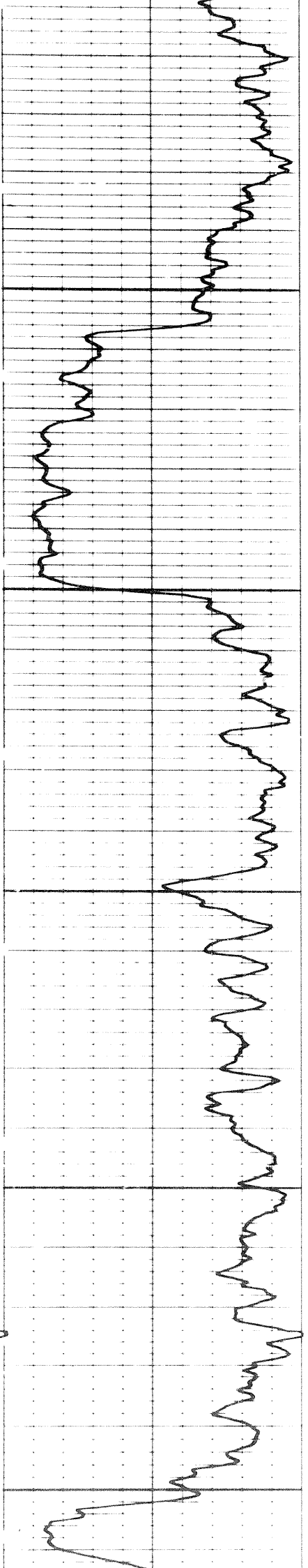


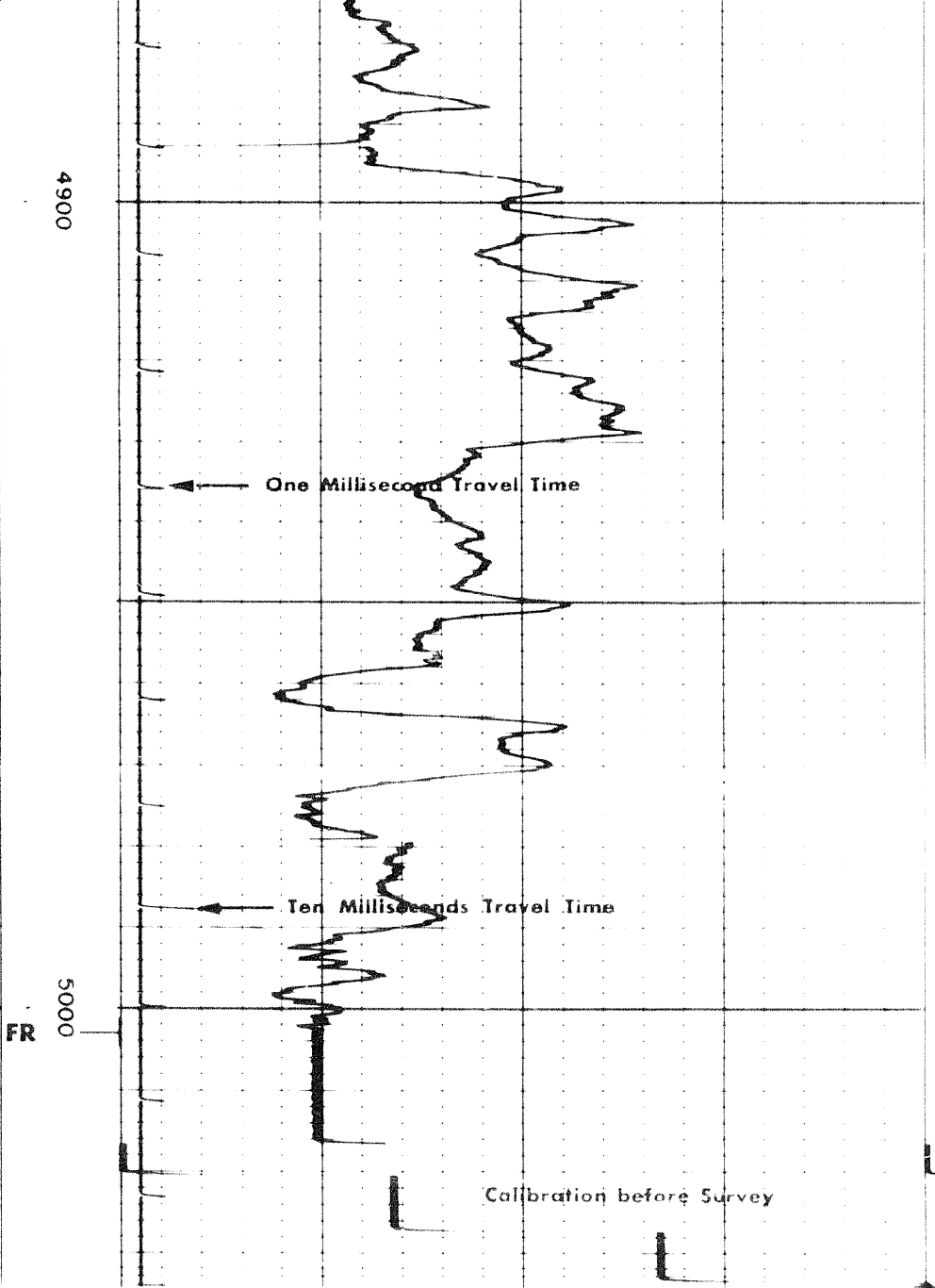
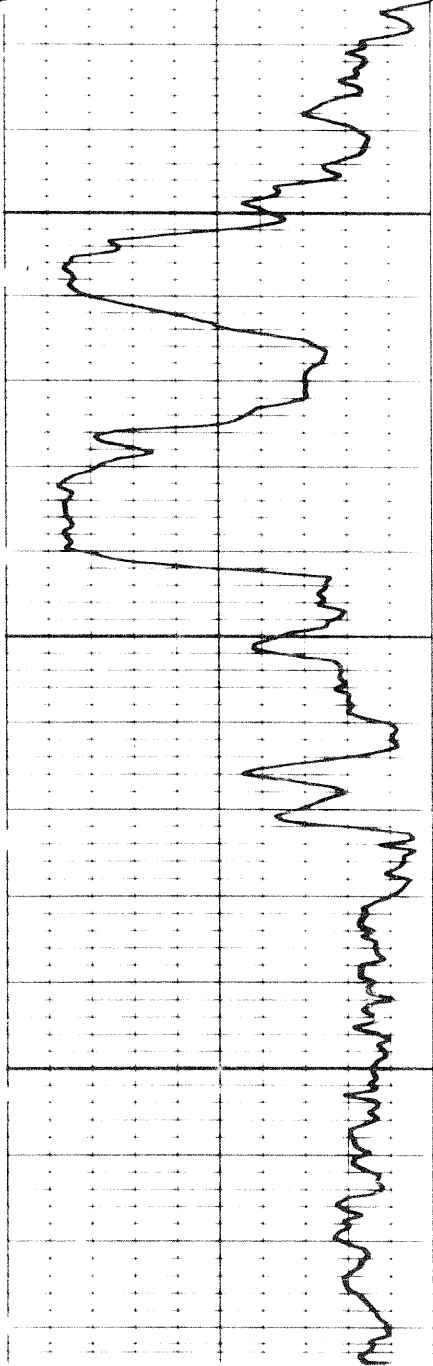


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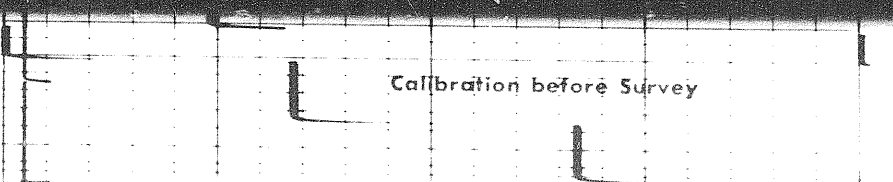
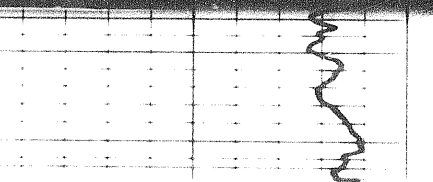
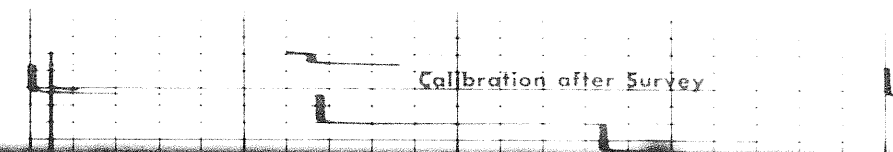
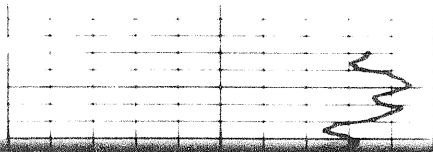
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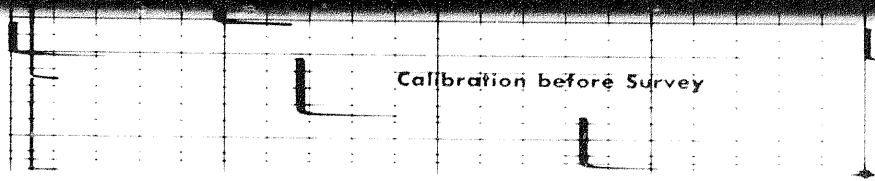
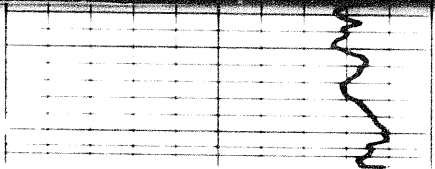
4900





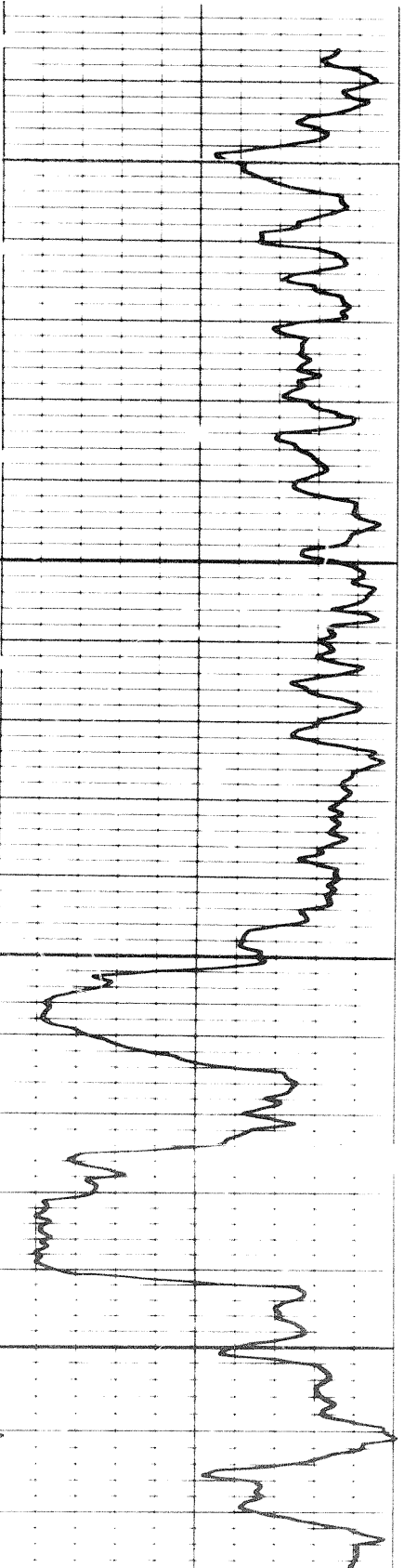
REPEAT SECTION





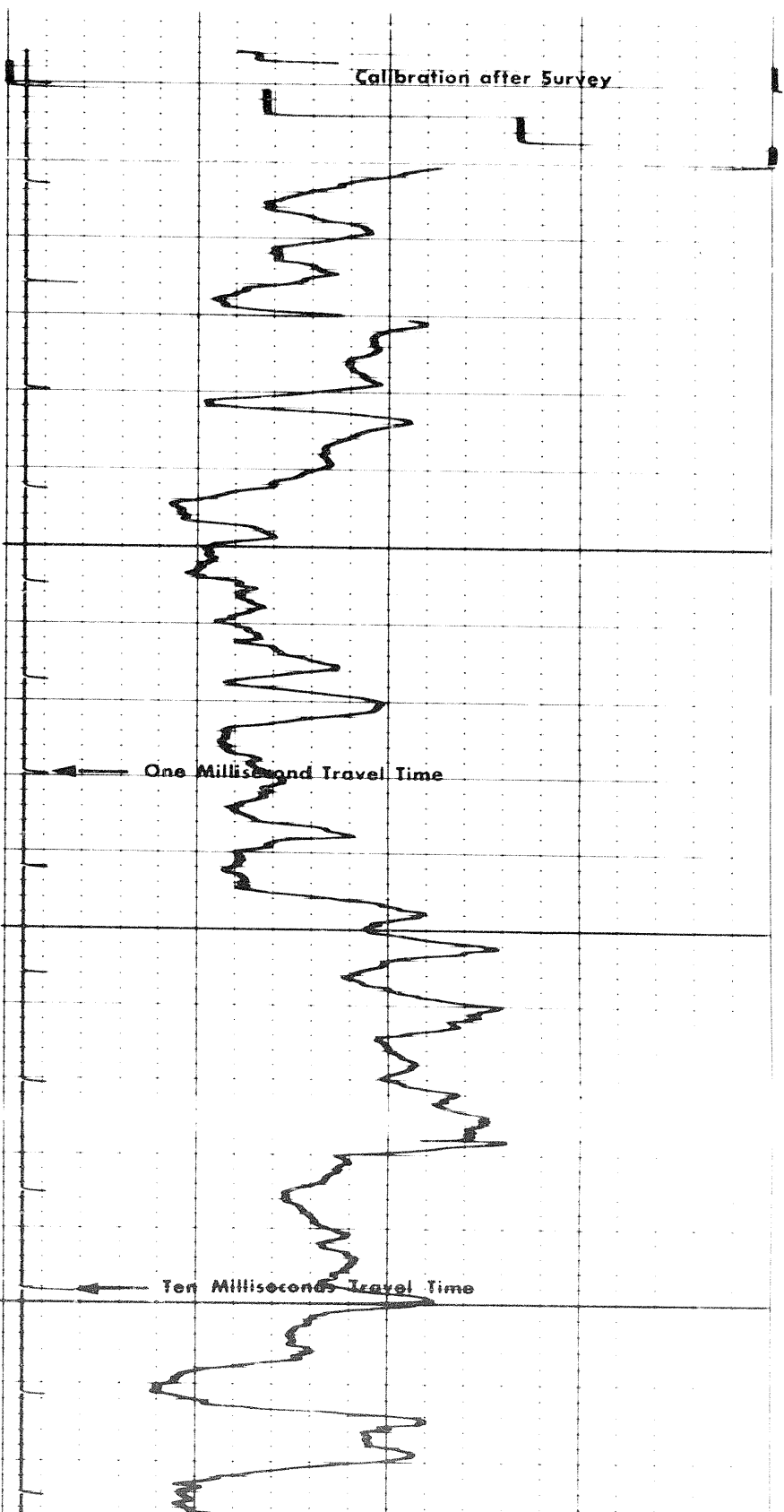
Calibration before Survey

REPEAT SECTION



4800

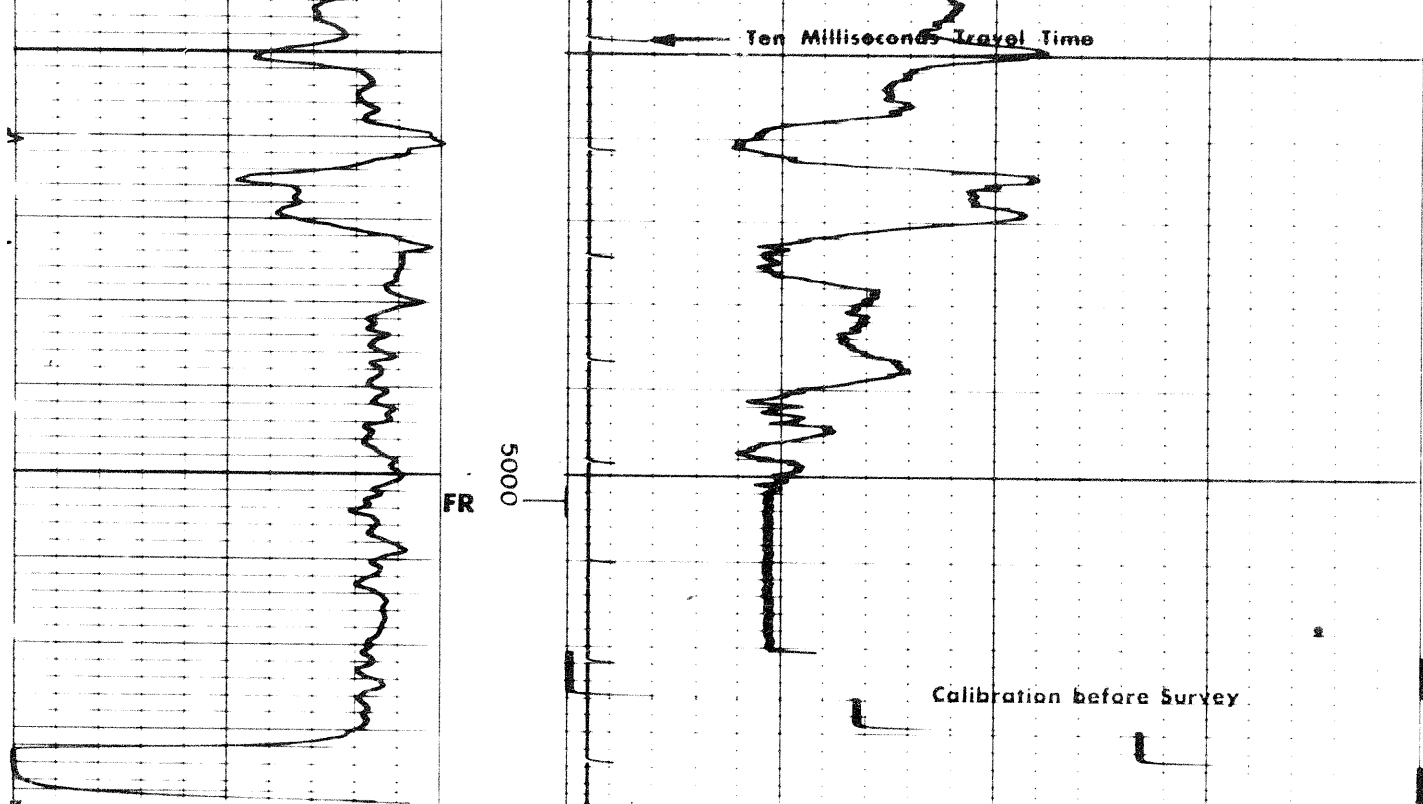
4900



Calibration after Survey

One Millisecond Travel Time

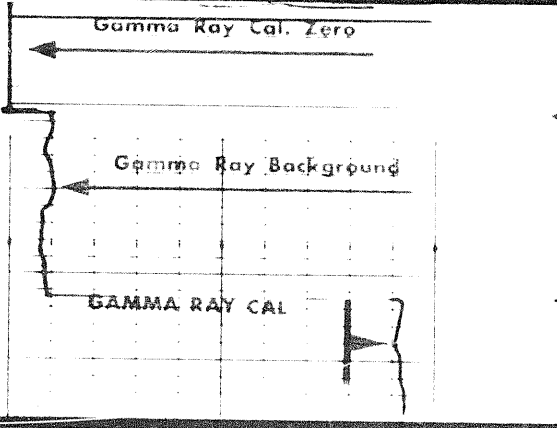
Ten Milliseconds Travel Time



Speed in FPM	Sens. 300	T.C. 2
	Zero 0	div. to left
	120	240

100	150	100
100	70	40

GAMMA RAY API UNITS	DEPTHS	SONIC INTERVAL TRANSIT TIME microseconds per foot
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COMPANY	SHELL OIL CO. LIMITED
WELL	SHELL PEEL R. AT K-3
FIELD	PEEL RIVER PROVINCE YUKON TERRITORY

57 76 51