

Schlumberger

**BOREHOLE COMPENSATED
SONIC LOG**

SCHLUMBERGER OF CANADA Calgary Alberta

PROVINCE YUKON TERRITORY
 FIELD WILDCAT
 WELL MURPHY MESA EP 5 WHITESTONE
47 N-58
 COMPANY MURPHY OIL COMPANY LTD.

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 WELL MURPHY MESA EP 5 WHITESTONE
 FIELD WILDCAT
 PROVINCE YUKON TERRITORY
 LOCATION 65° 17' 50" N LAT
138° 25' 30" W LONG
 Permanent Datum GL Elev. 4927
 Log Measured From KE Ft Above Perm. Datum
 Other Services EDC-GR, DIL
 ELEV. KB 4927
 GL 07
 CBF

Date	19 APR 73
Run No.	ONE
First Reading	6947
Last Reading	951
Feet Measured	5993
Depth Reached	6949
Bottom Driller	6993
Csg. SOC	951
Csg. Driller	957
Mud Nature	CHEM SE
Dens. Visc.	2.00
Mud pH	9.2
Water Loss	5.2
Res. @ BHT	9F
Kmf	2.26 @ 62.9F
Kmc	2.45 @ 65.9F
Bit Size	8 7/8
Span	2
Oper Rig Time	3.5 HRS
Truck No.	05-108 FRONT
Recorded By	WILKINSON
Witness	CLARK

REMARKS _____ 1st Run Service Order # _____

Drilling Stopped _____ Circulation Stopped _____ Tool on Bottom _____ B.H.T. _____

Caliper No.	_____
Cartridge No.	_____
Panel No.	_____
Sonde No.	_____
Centralizer Type	_____
CSG Size	In _____
CSG Wt.	lb/Ft _____

GAP. MA RAY CALIBRATION
 Background CPS _____ Test Source CPS _____ Galv. Increase Divisions _____ Panel Sens. Tap for Cal _____

GAMMA RAY API UNITS	DEPTHS	SONIC INTERVAL TRANSIT TIME microseconds per foot
Sens. TC _____		
Zero _____ div to left		
CALIPER hole diameter in inches		
6 7 8 9 10 11 12 13 14		

Calibration after Survey

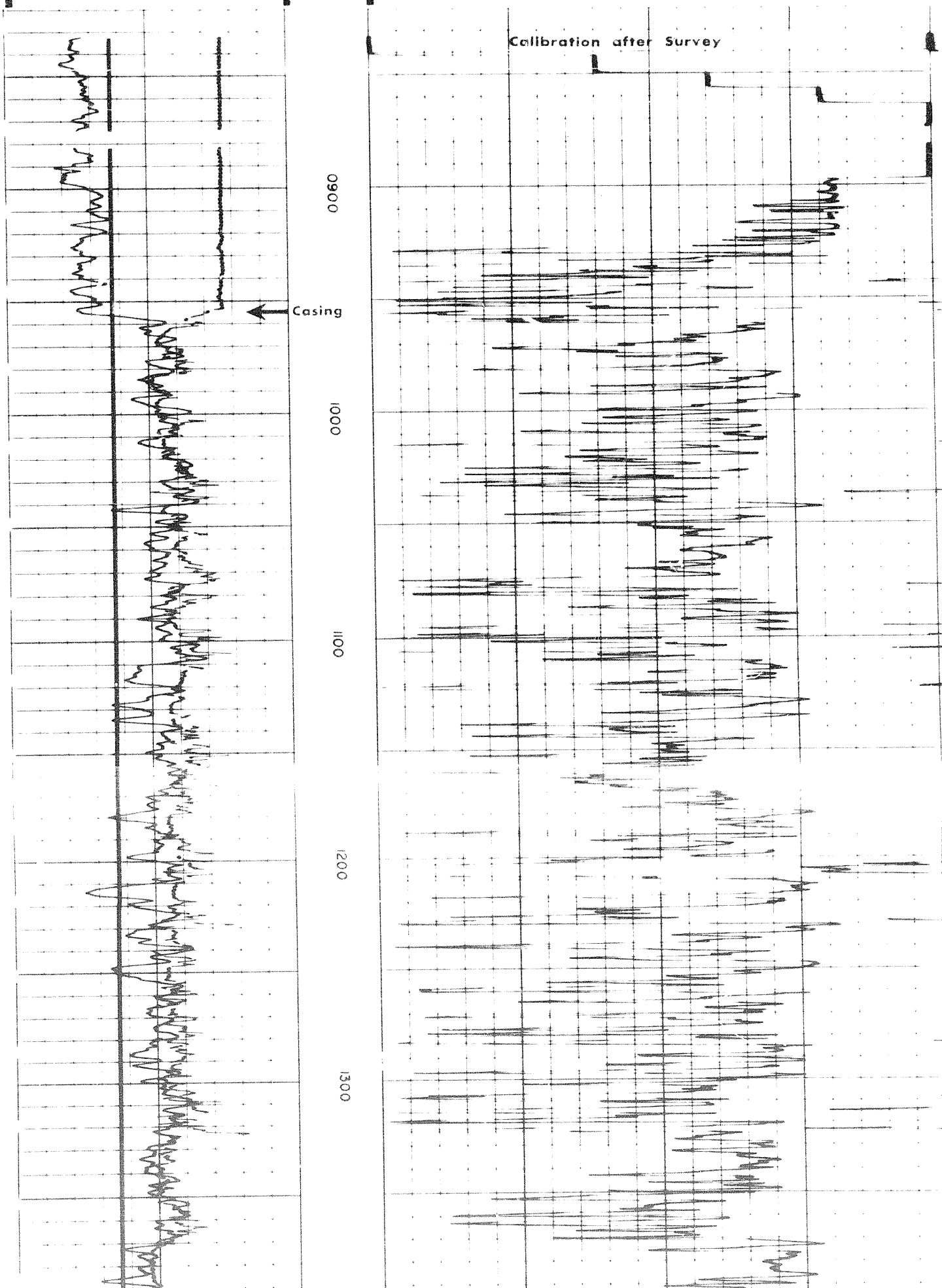
FPM

2-10

CALIPER
hole diameter in inches

6 7 8 9 10 11 12 13 14

Calibration after Survey



0900

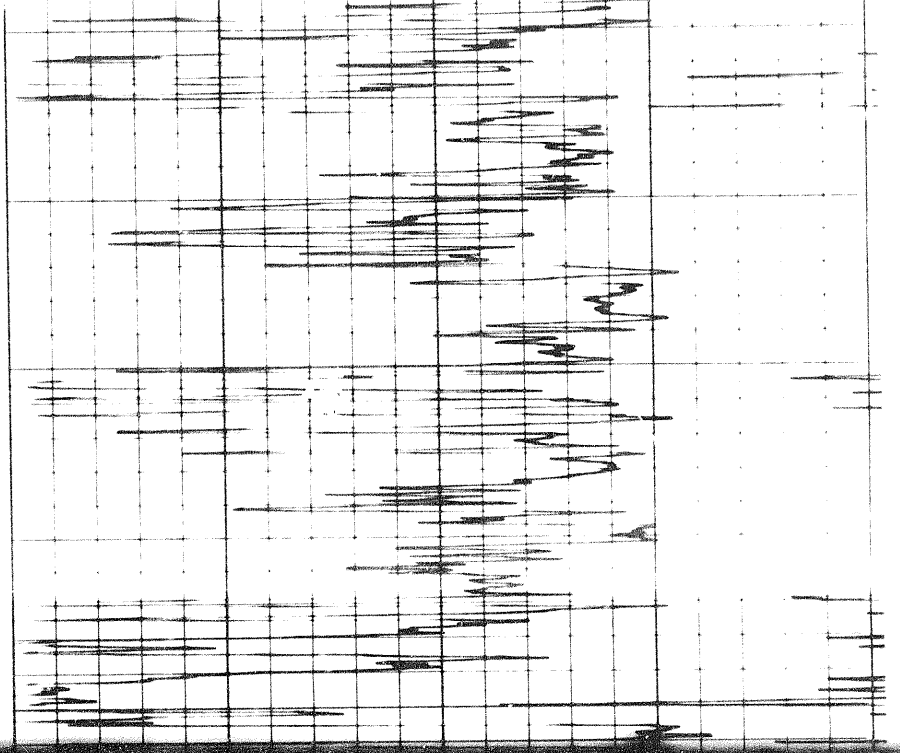
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1200

1300

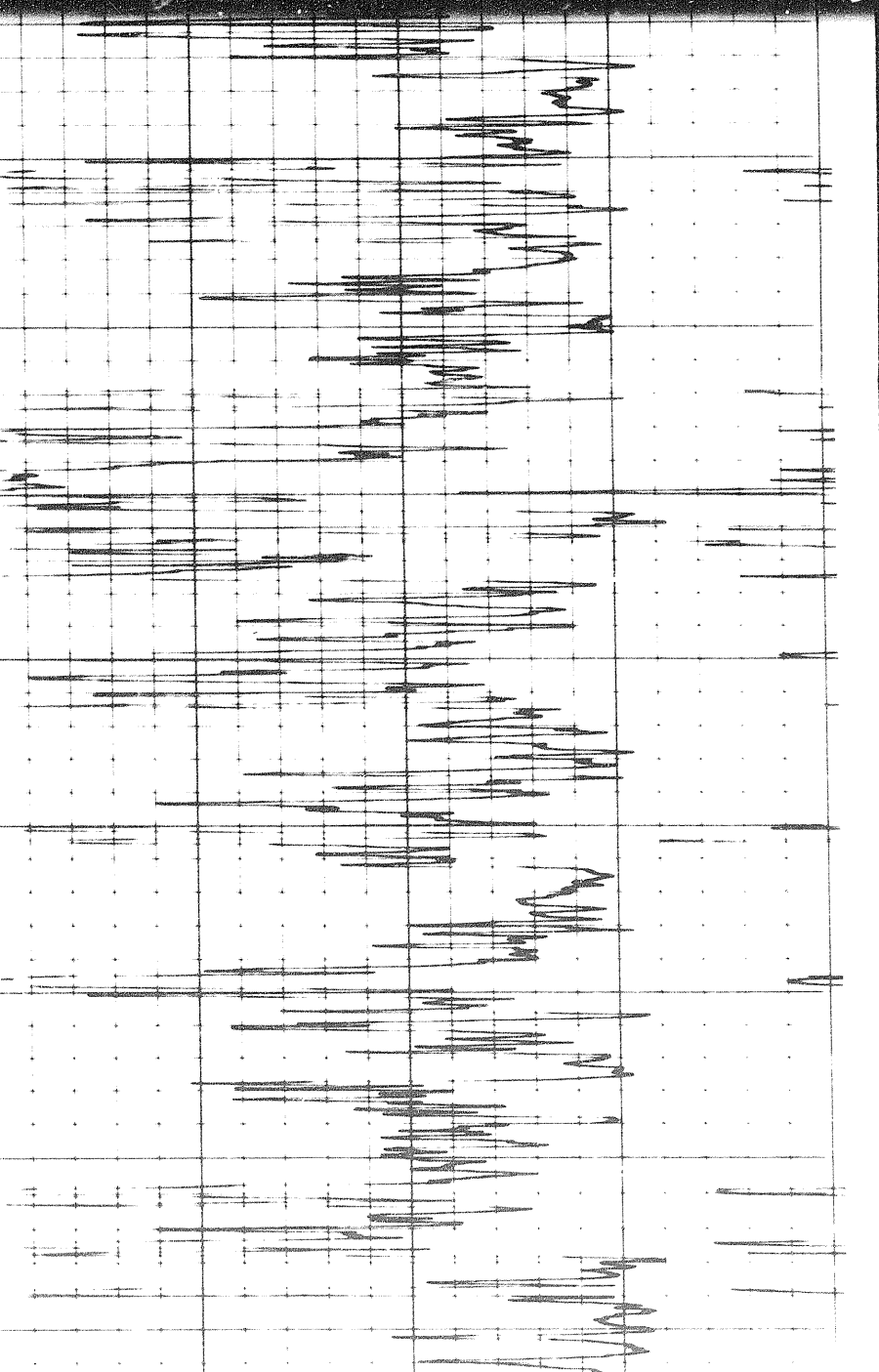
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1400

1500

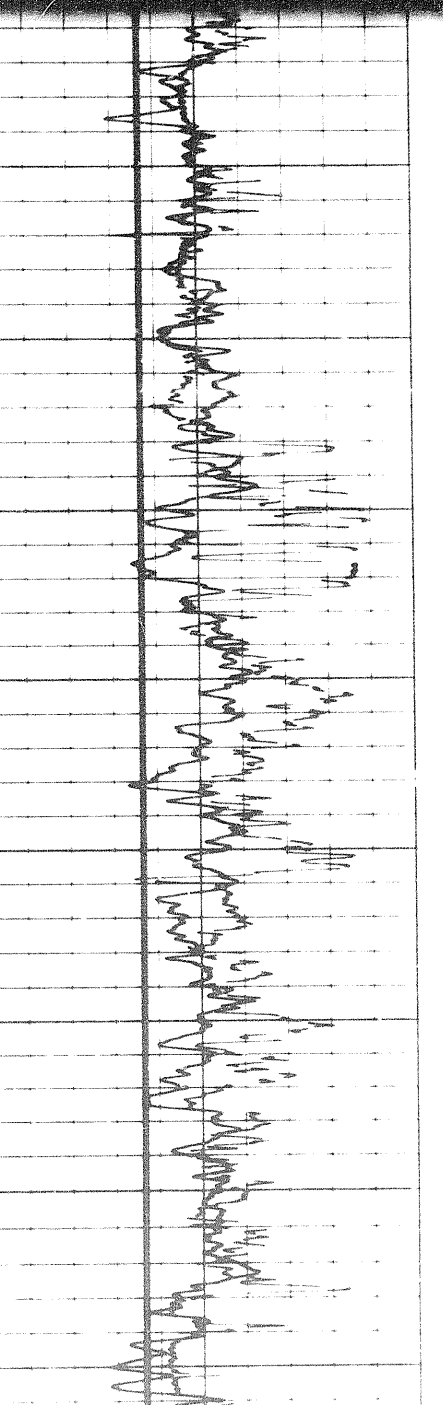
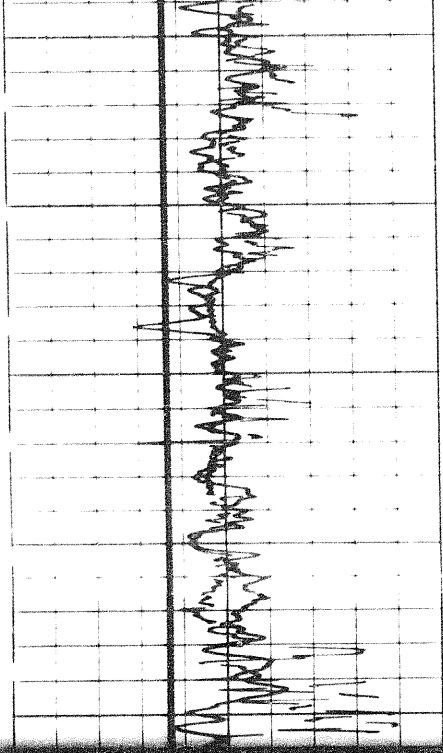


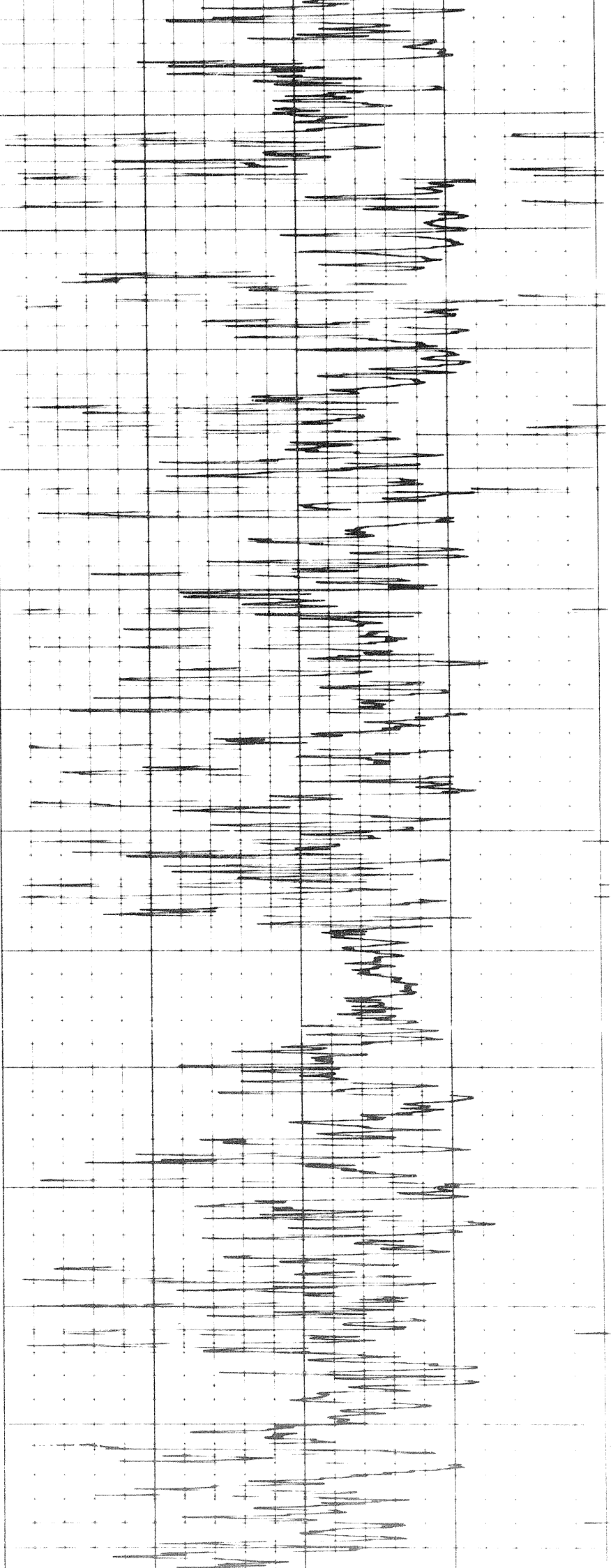
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1700





1700

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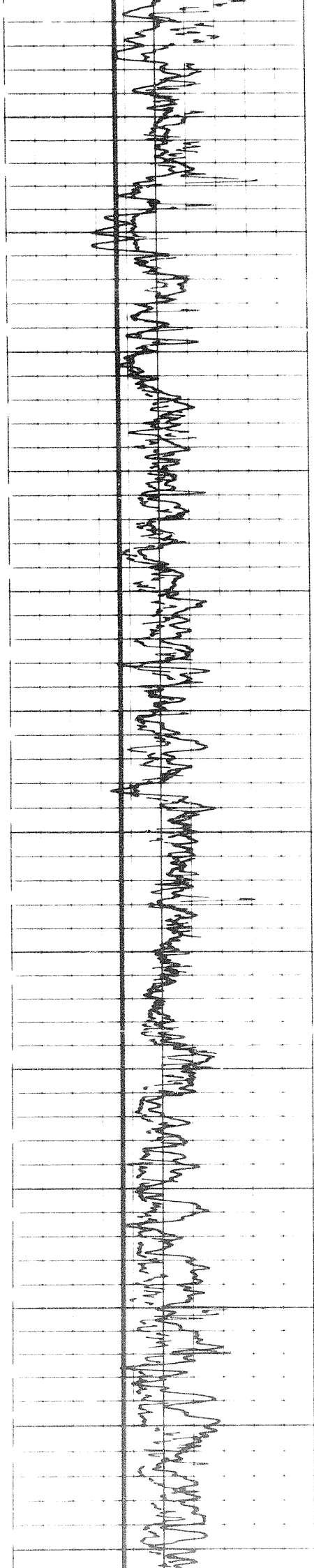
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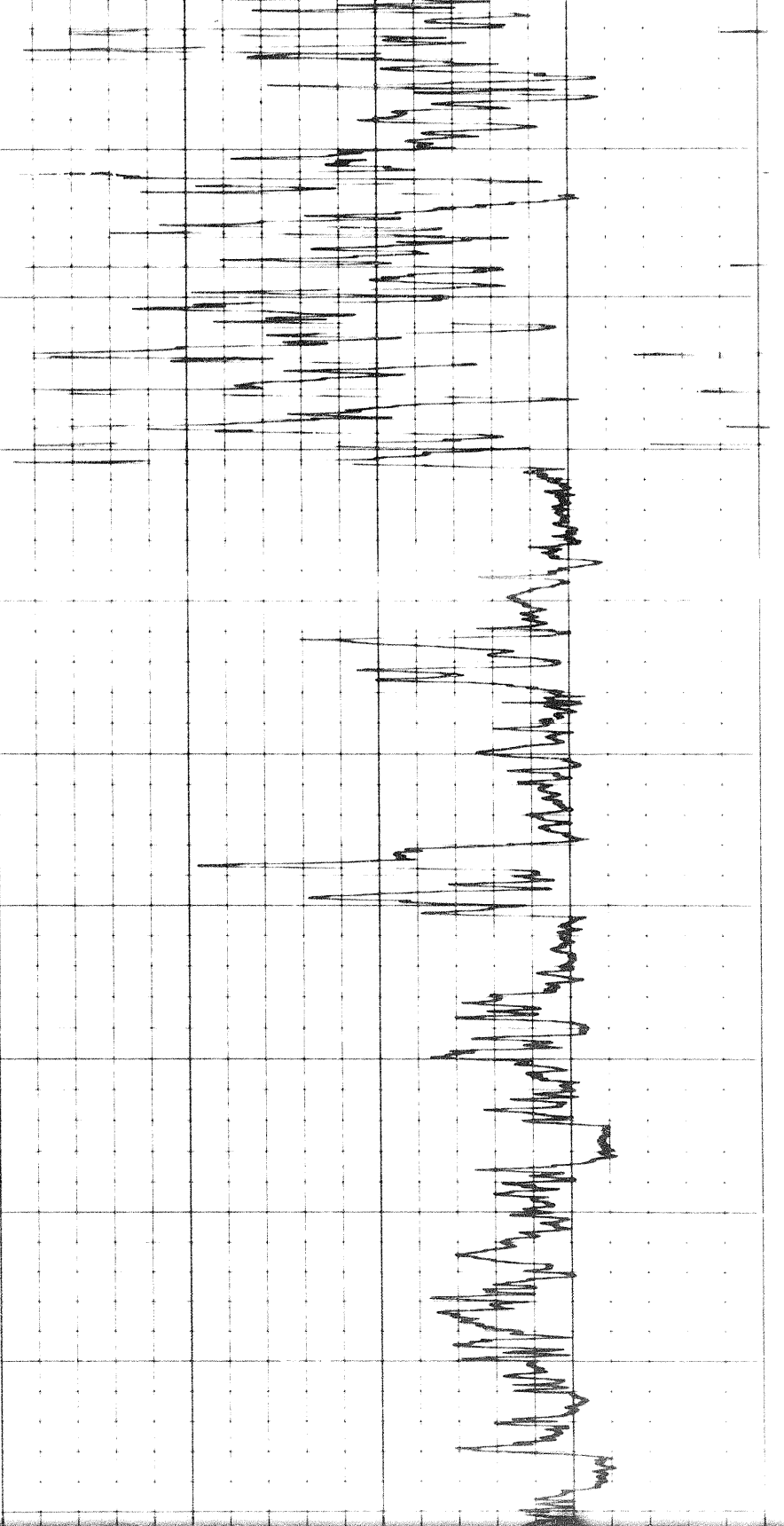
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2300

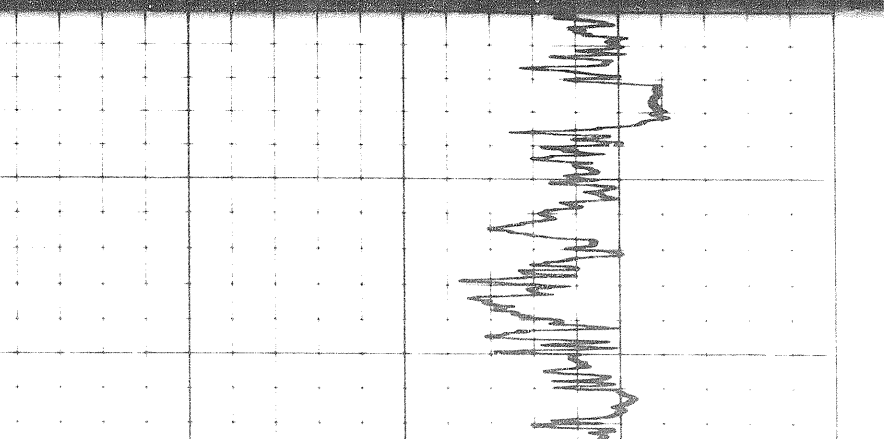
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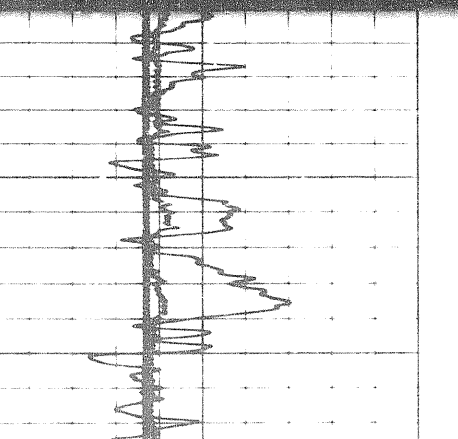
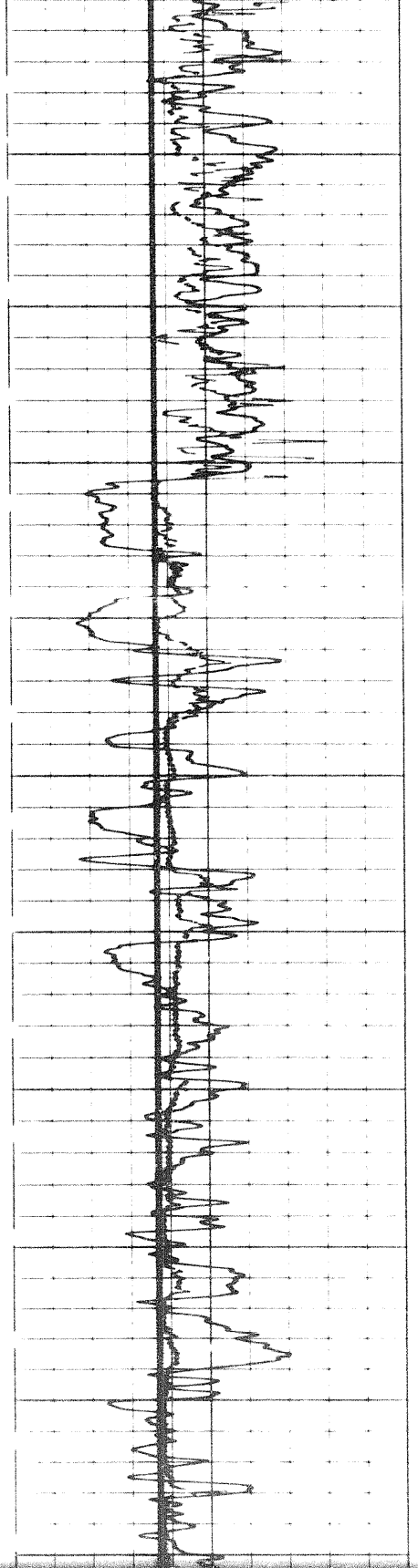
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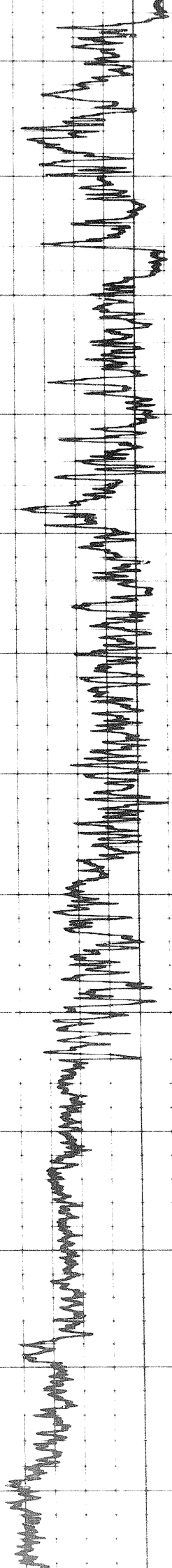
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2600





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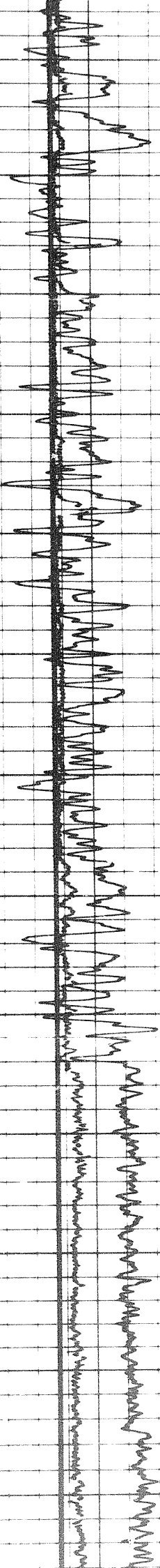
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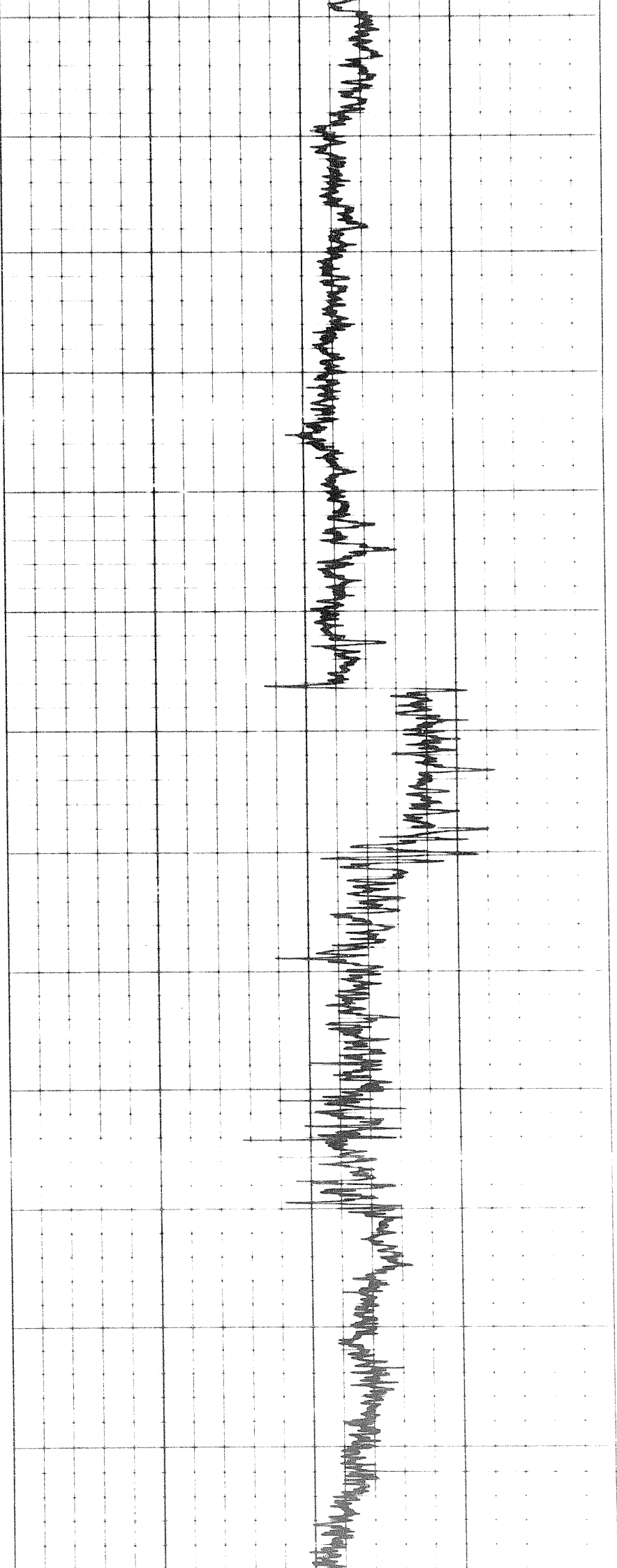
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3200

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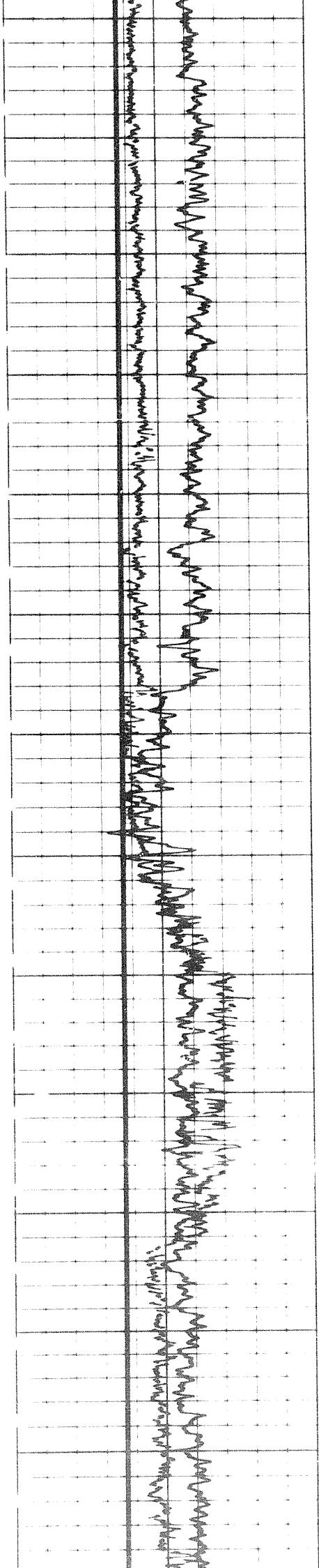
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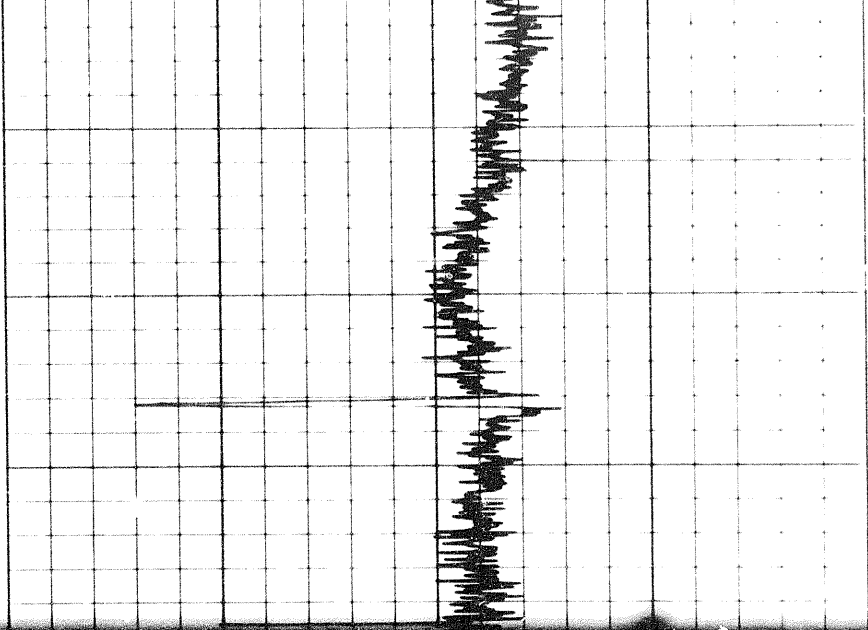
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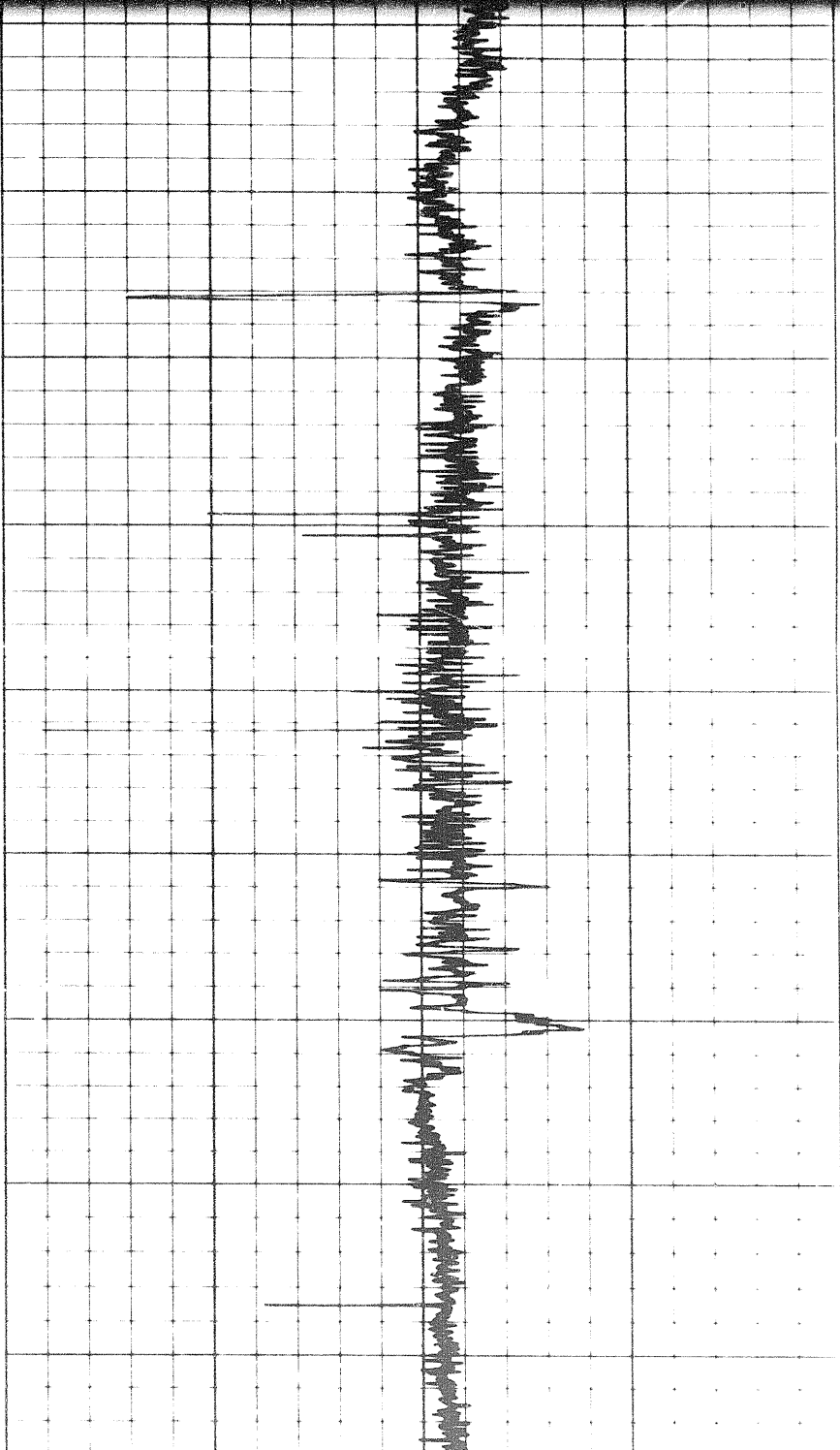
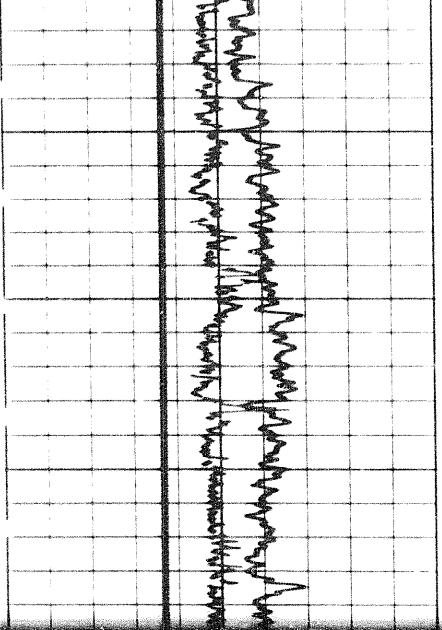
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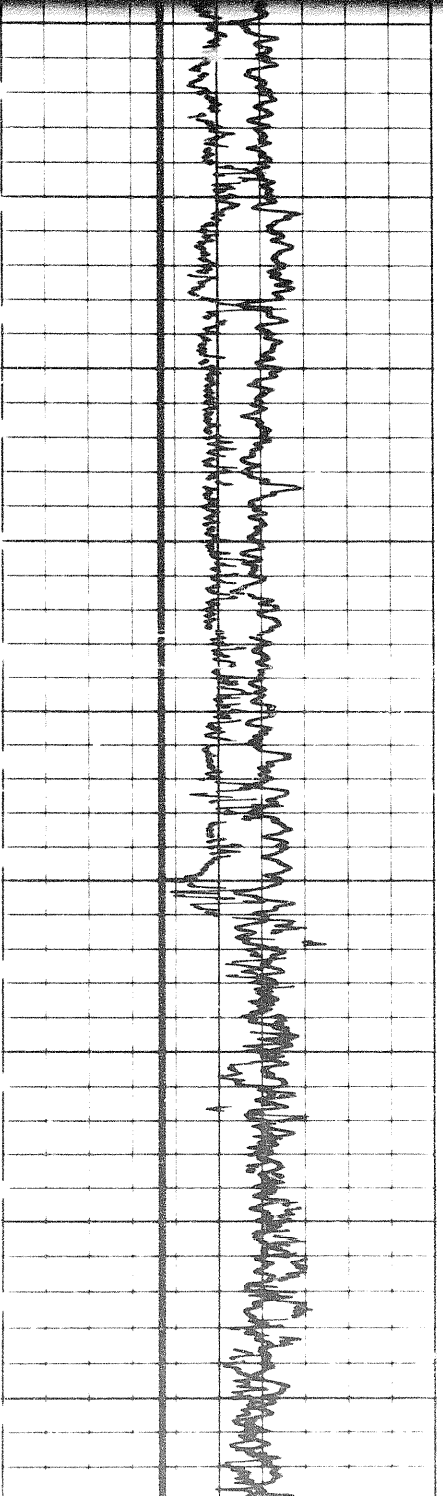


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4100



4100

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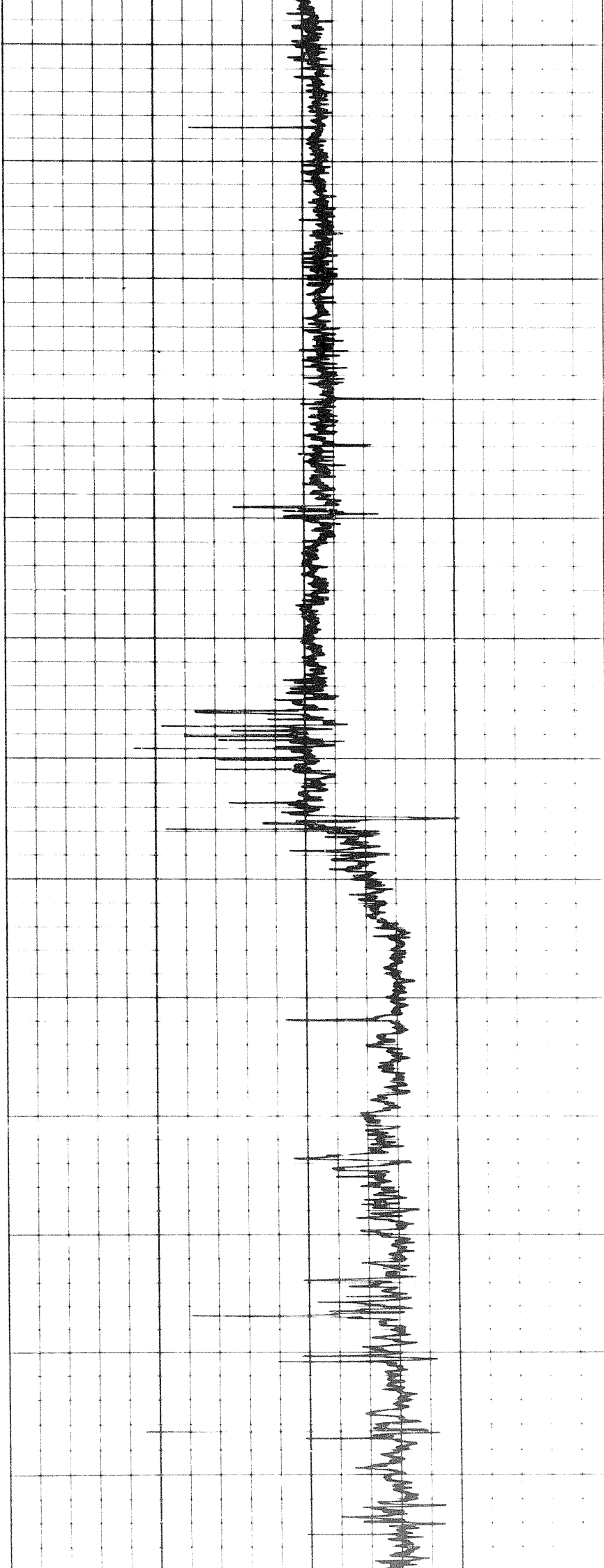
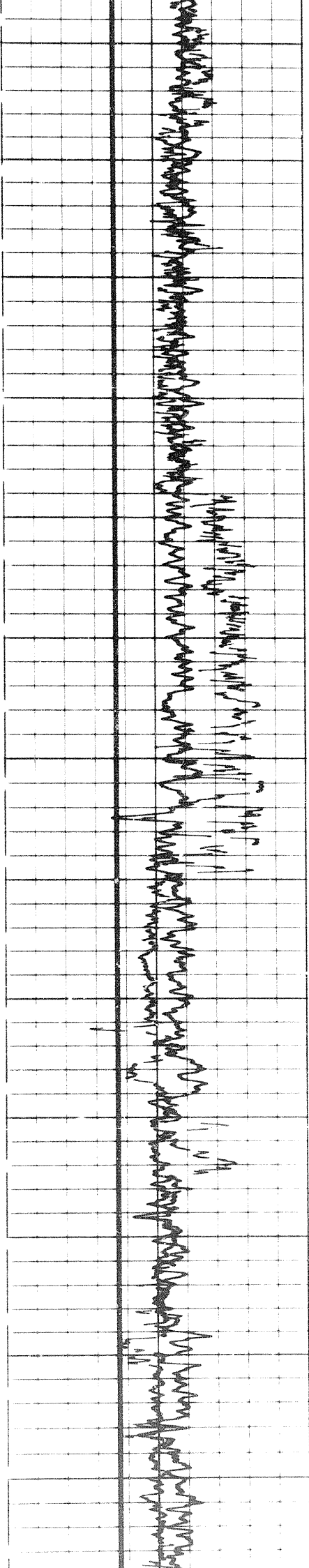
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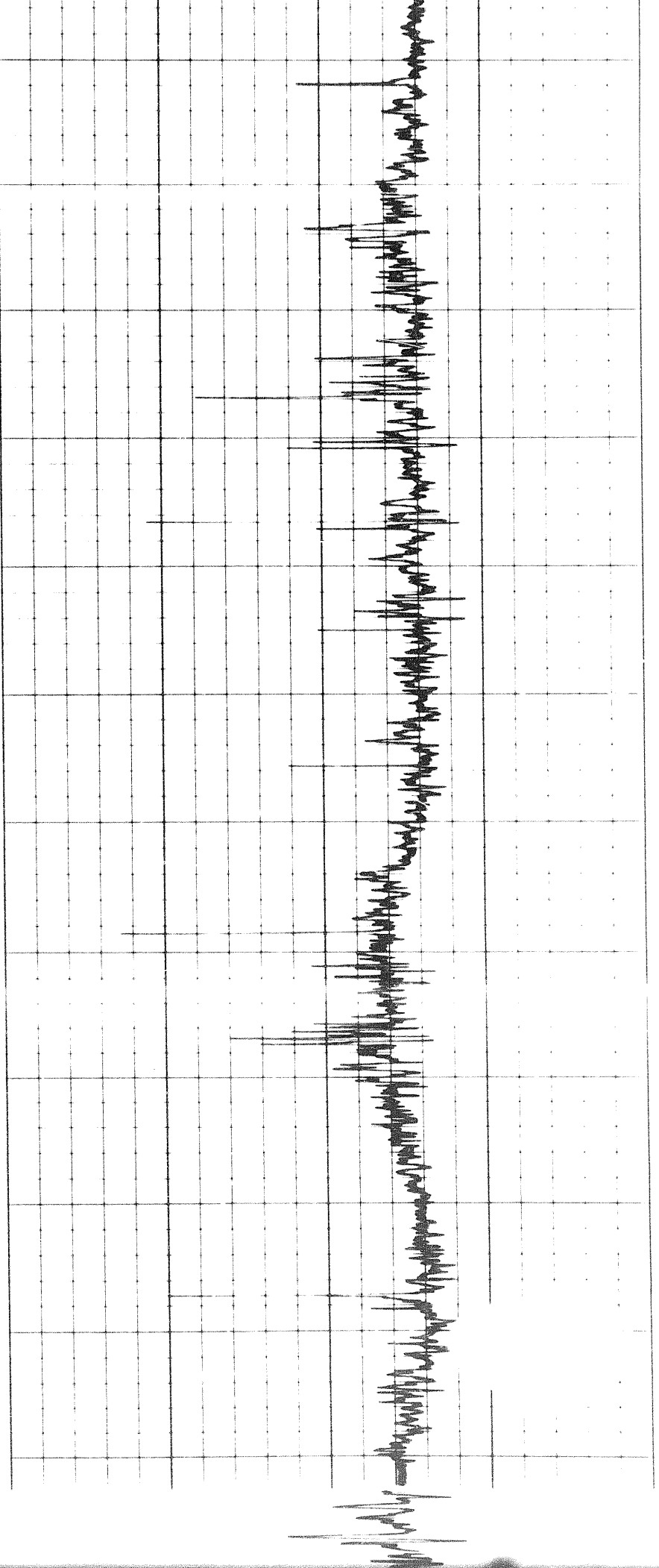
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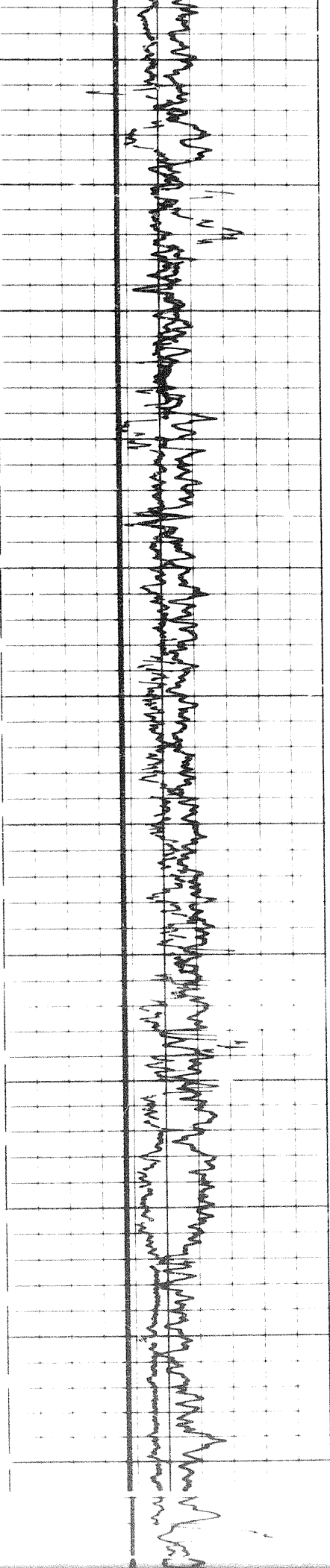
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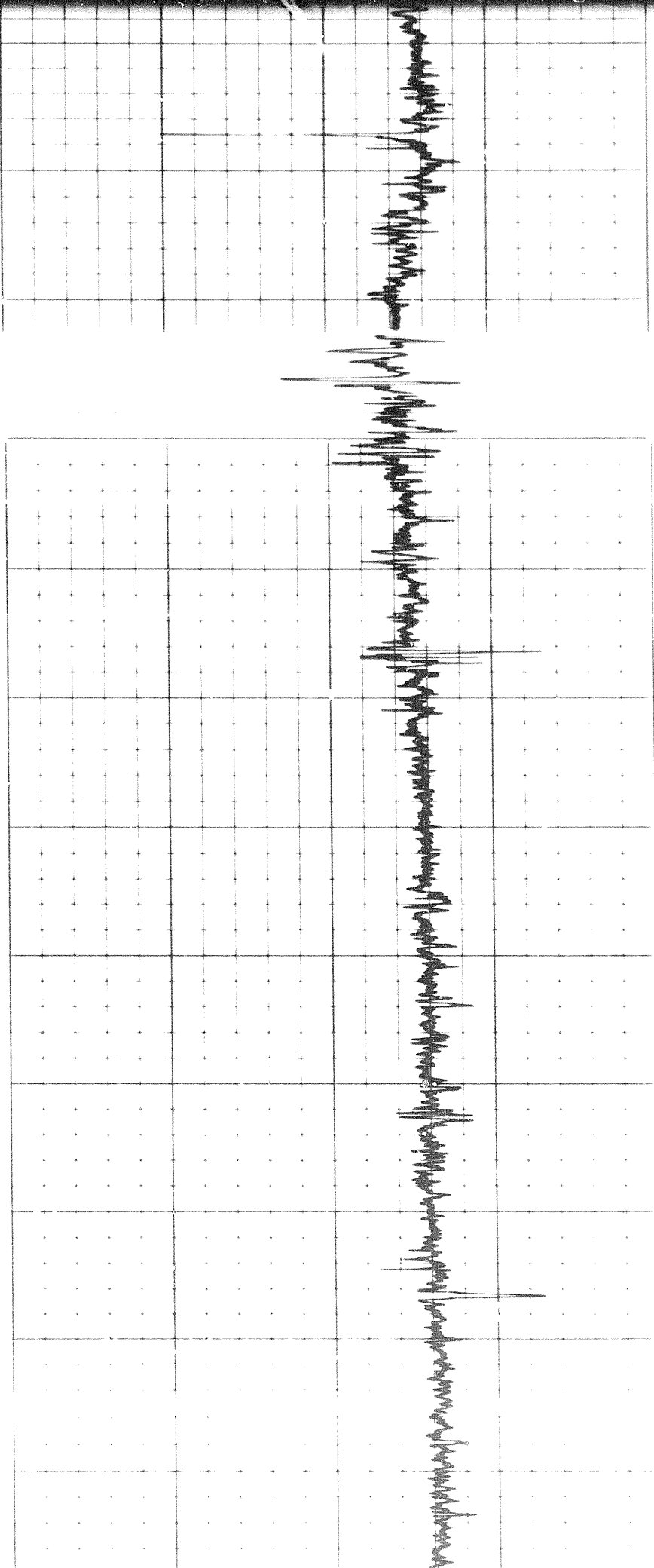
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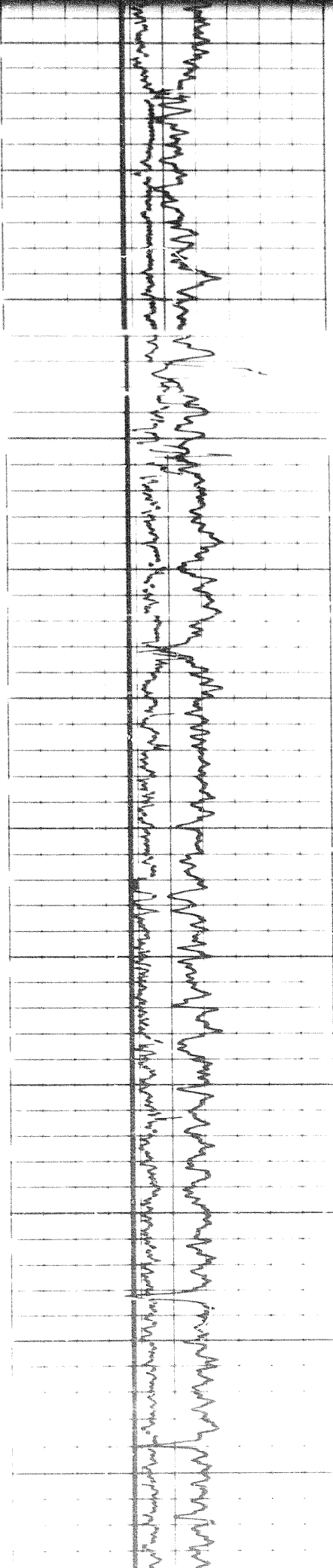
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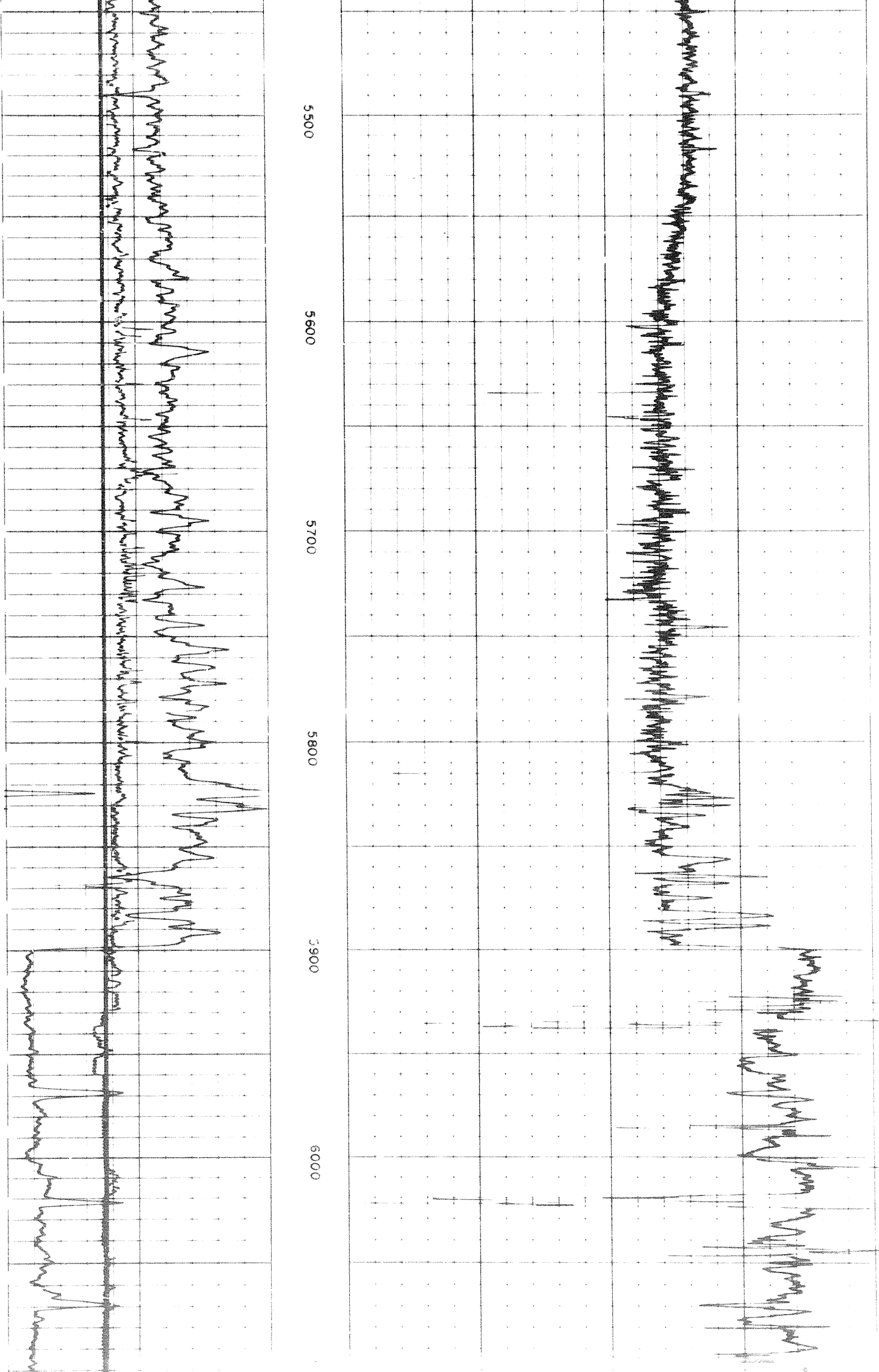
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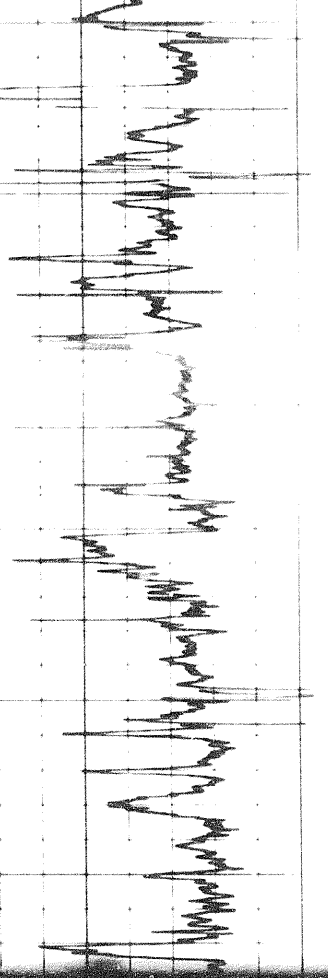
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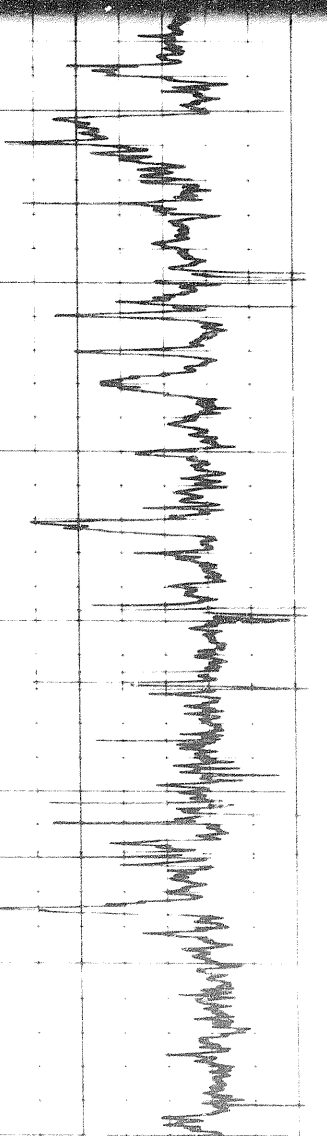
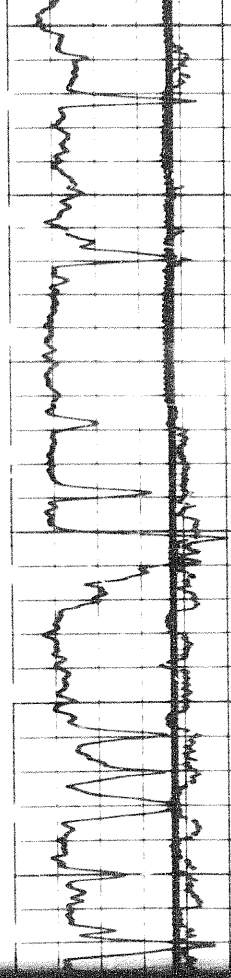
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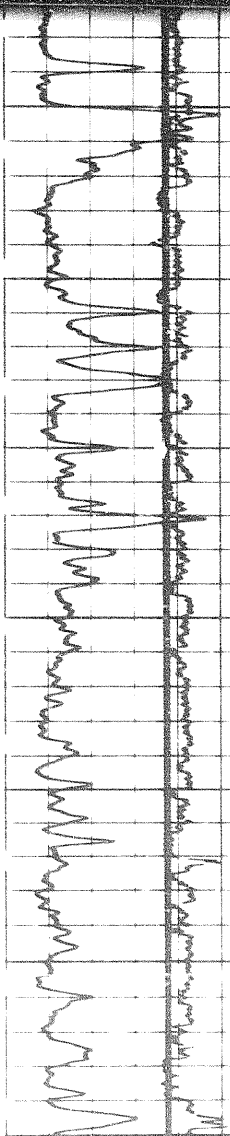
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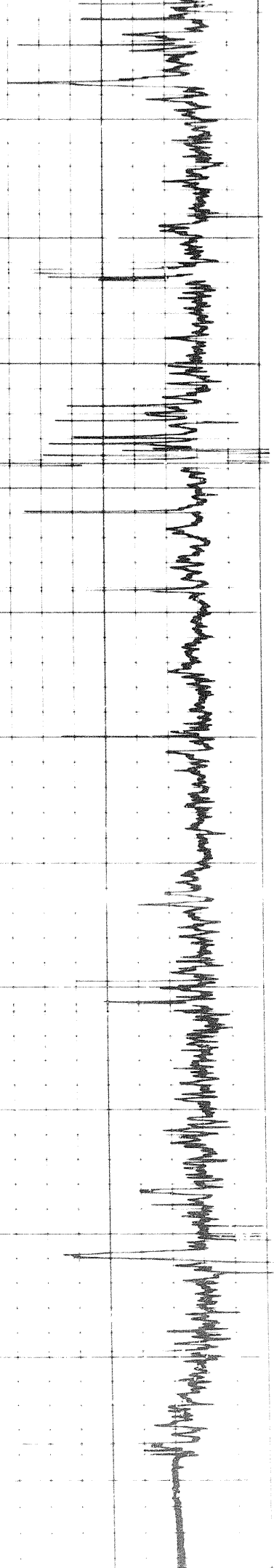
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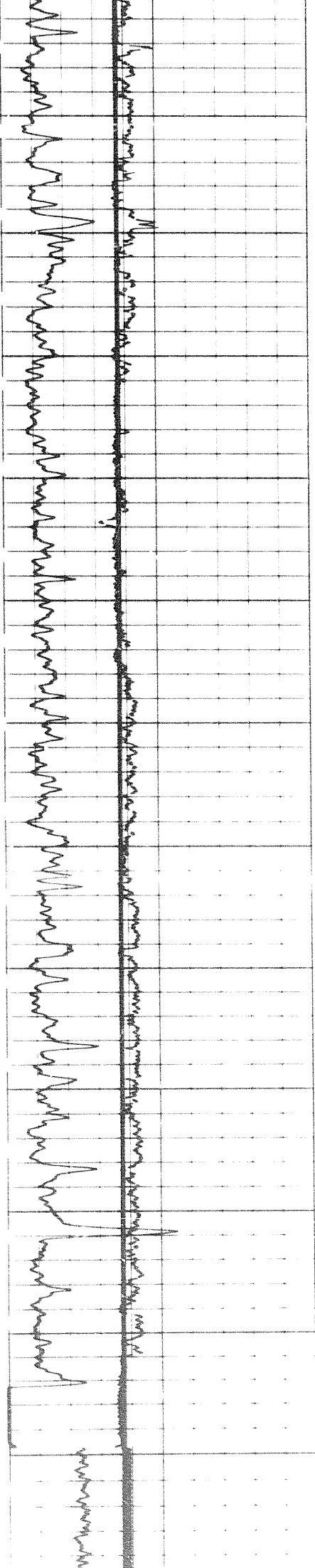
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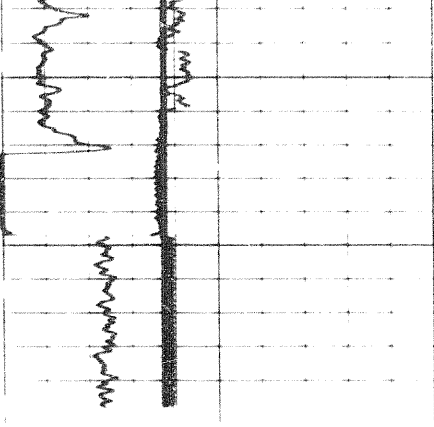


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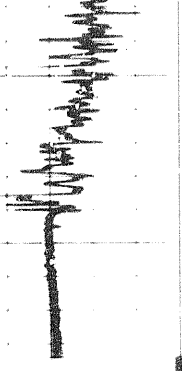
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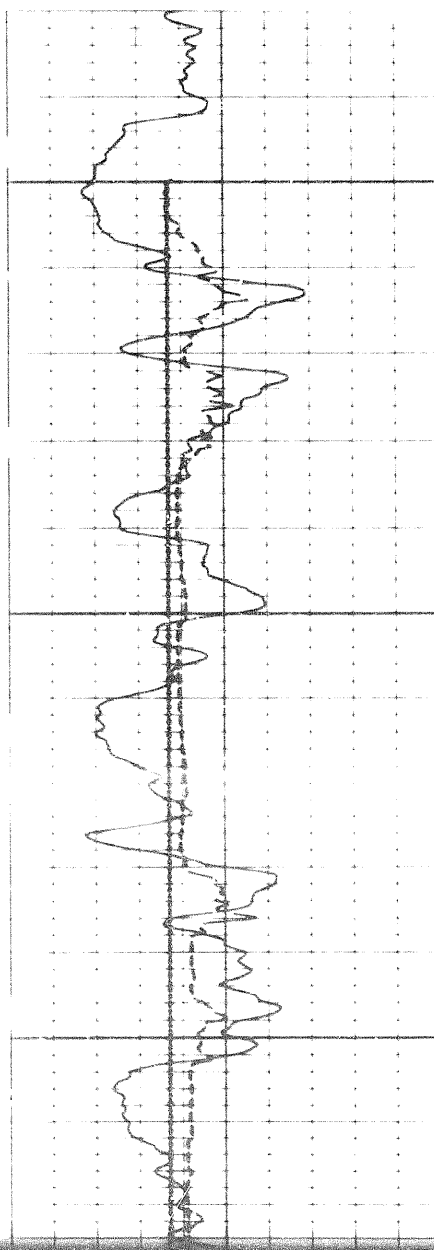


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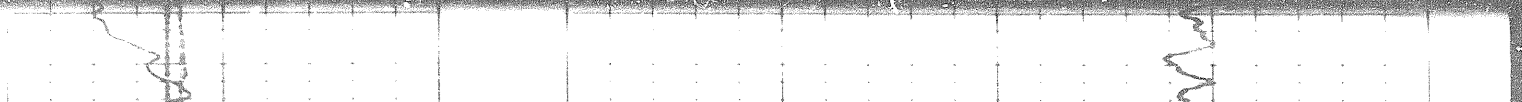
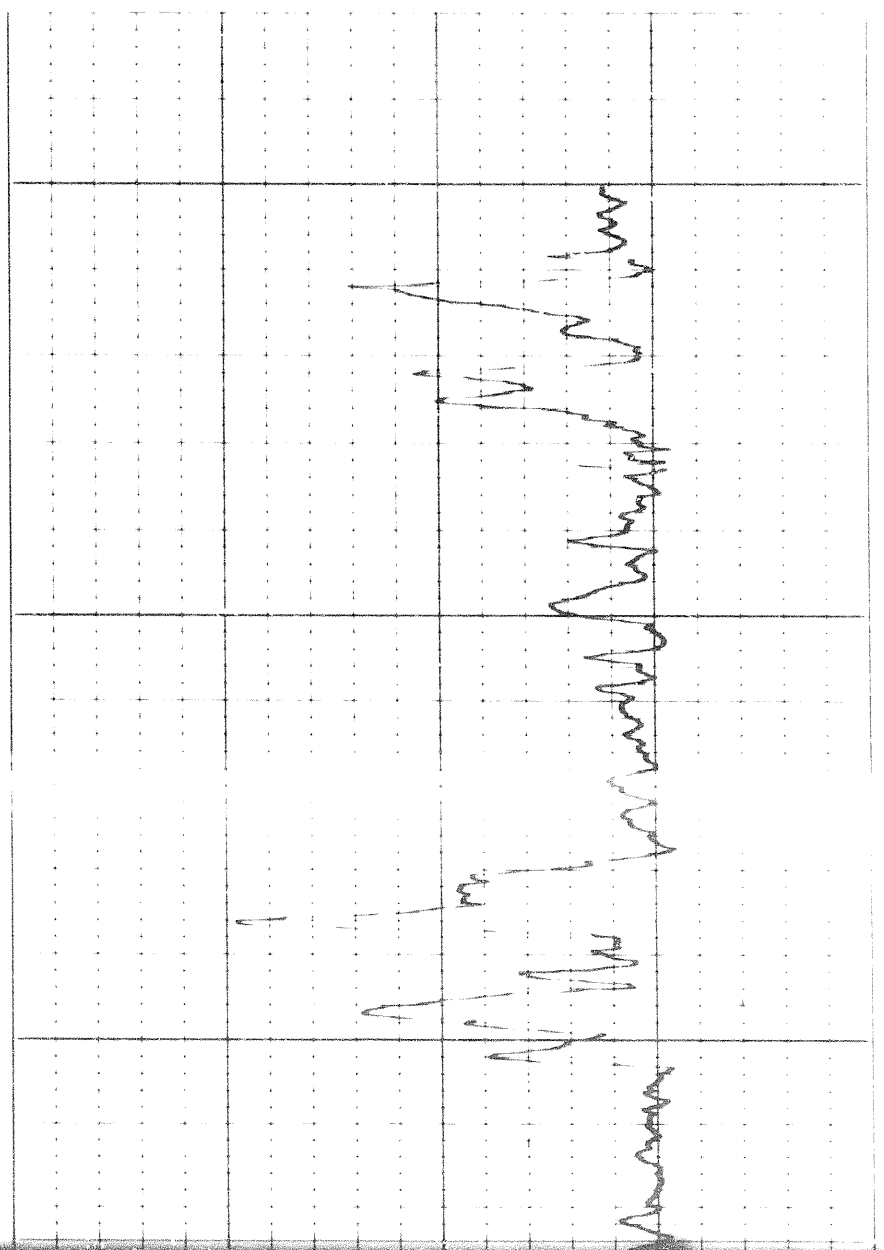


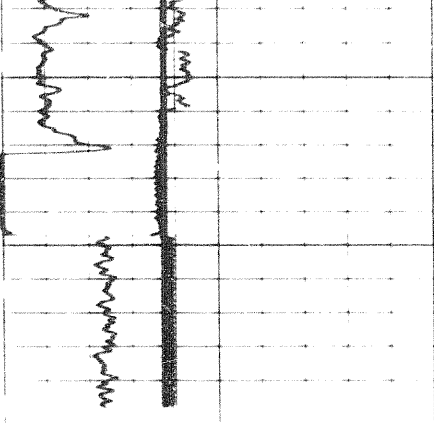
DETAIL LOG
5" = 100'



2400

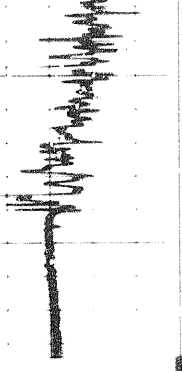
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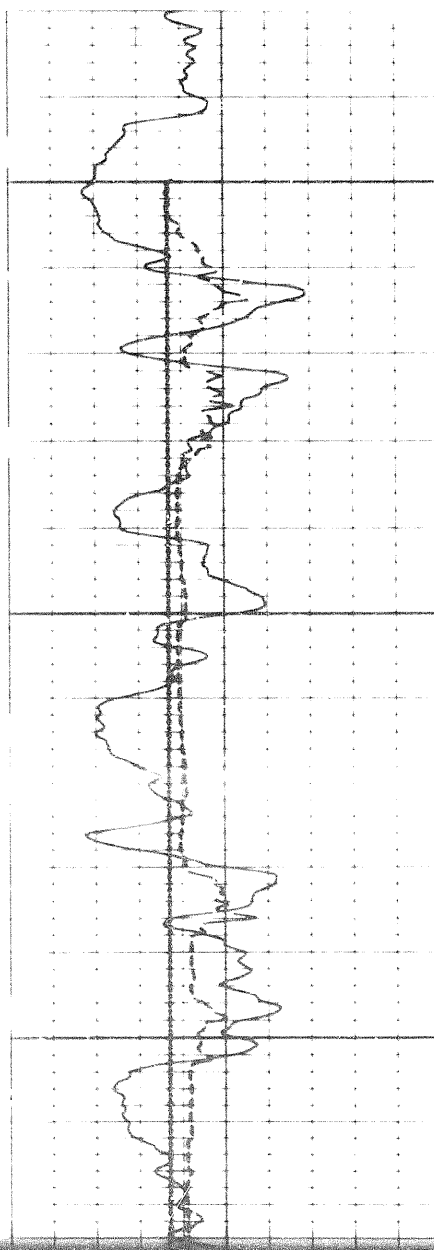


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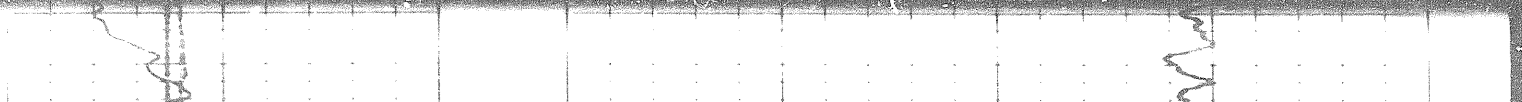
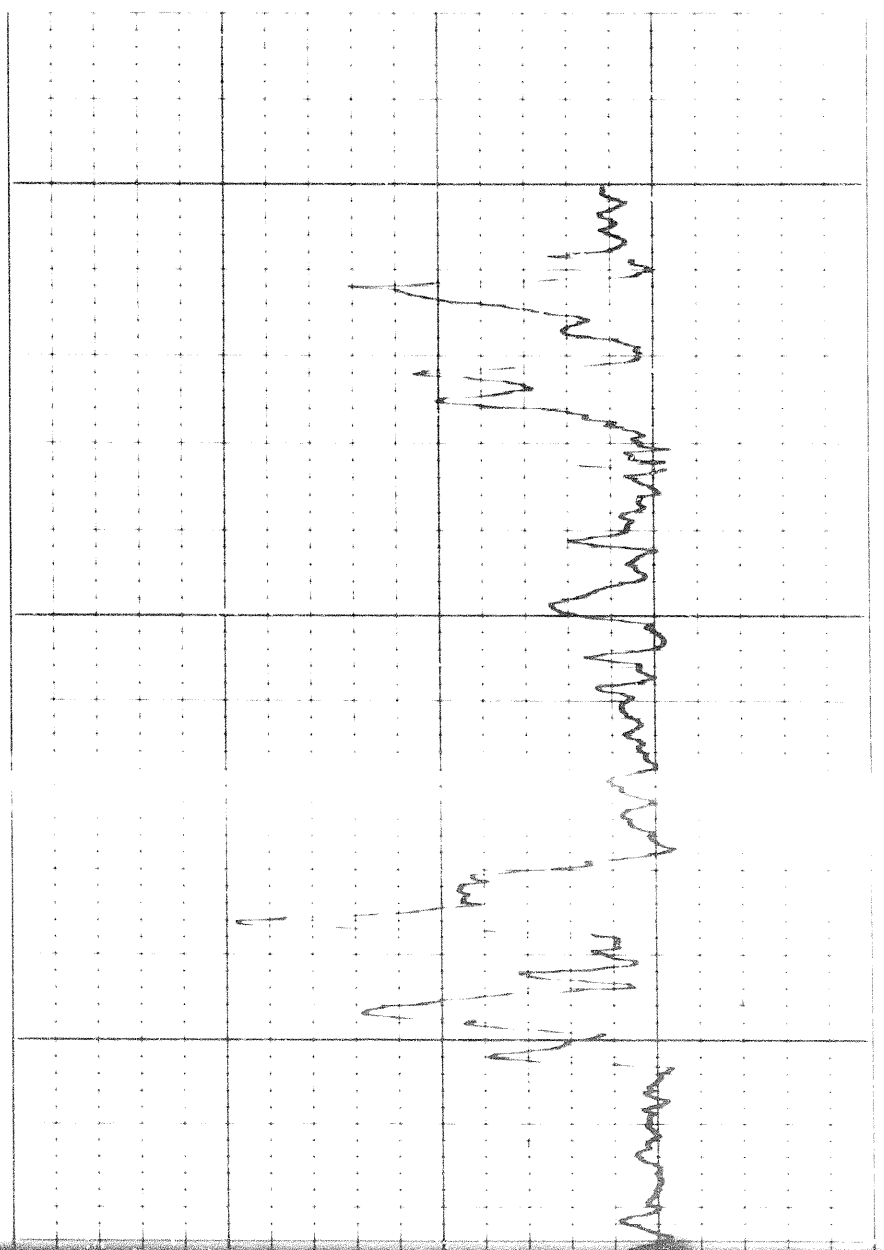


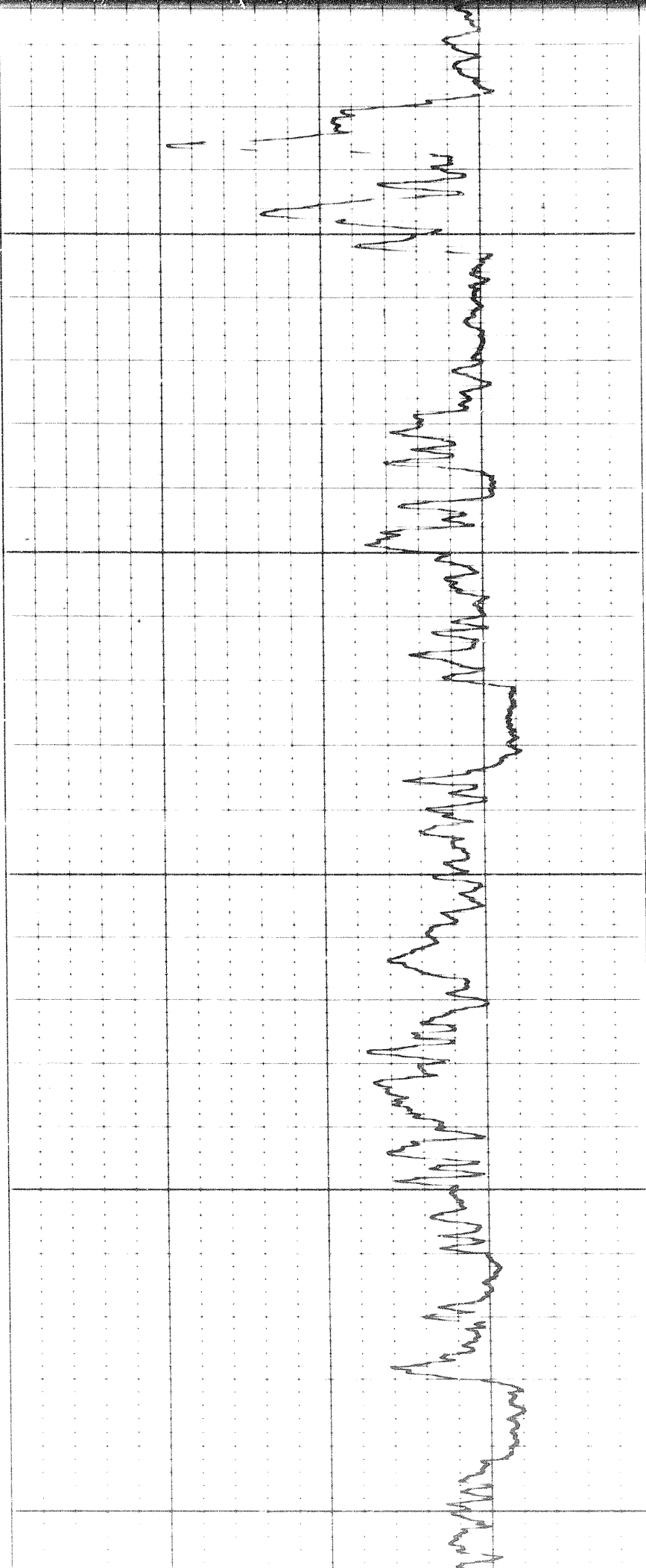
DETAIL LOG
5" = 100'



2400

2500

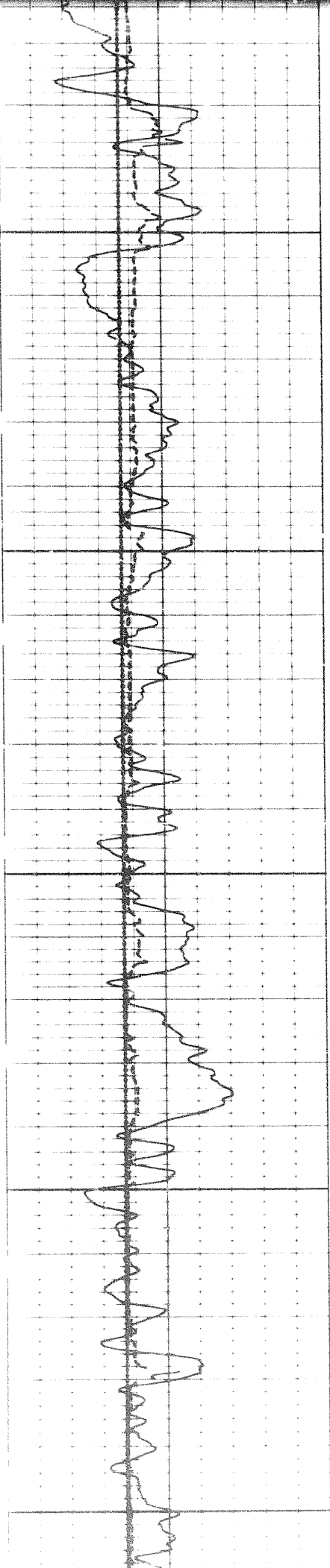


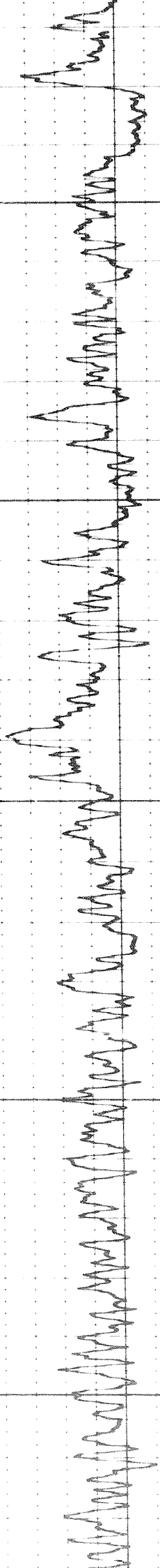


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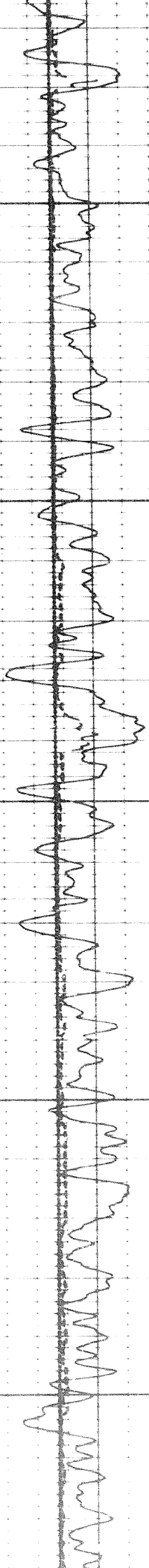




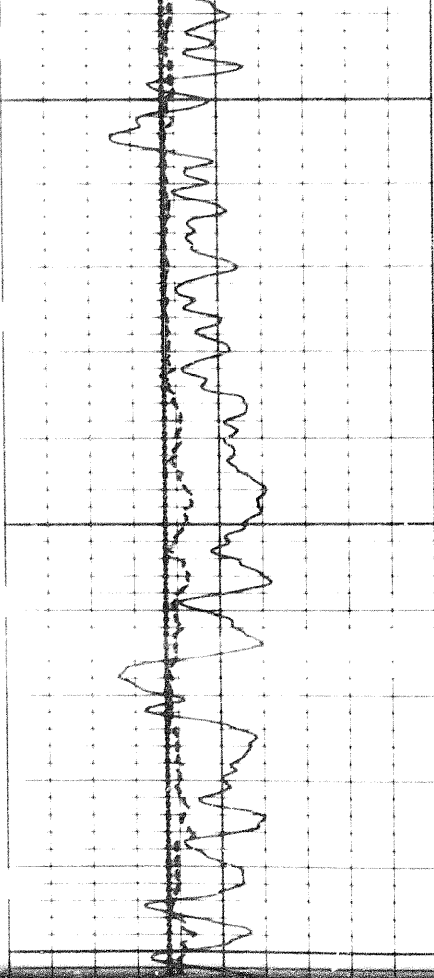
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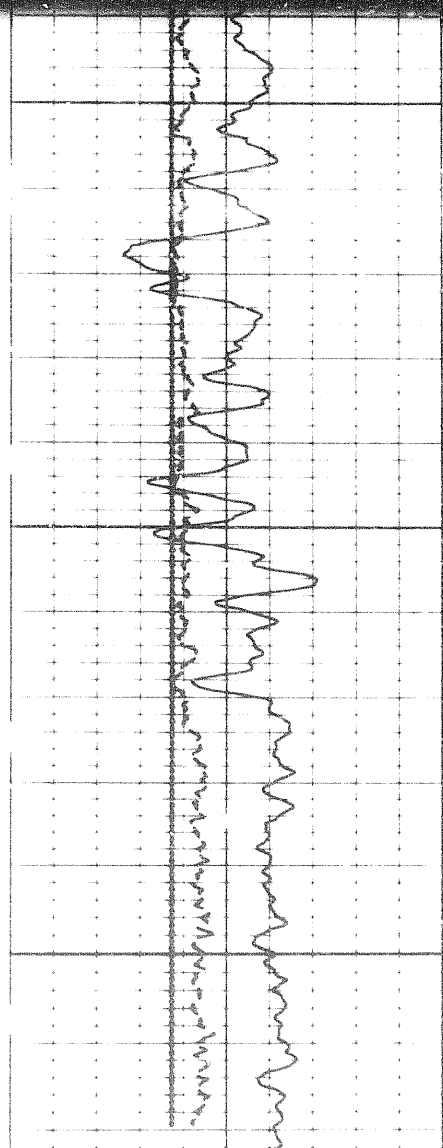
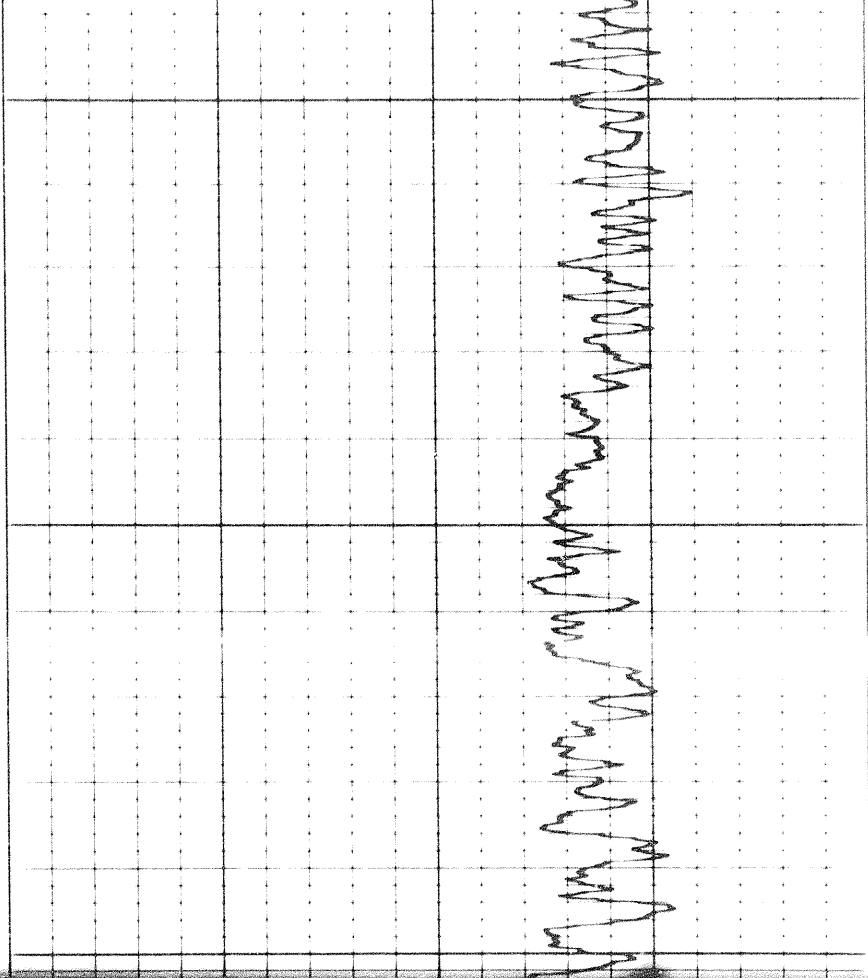


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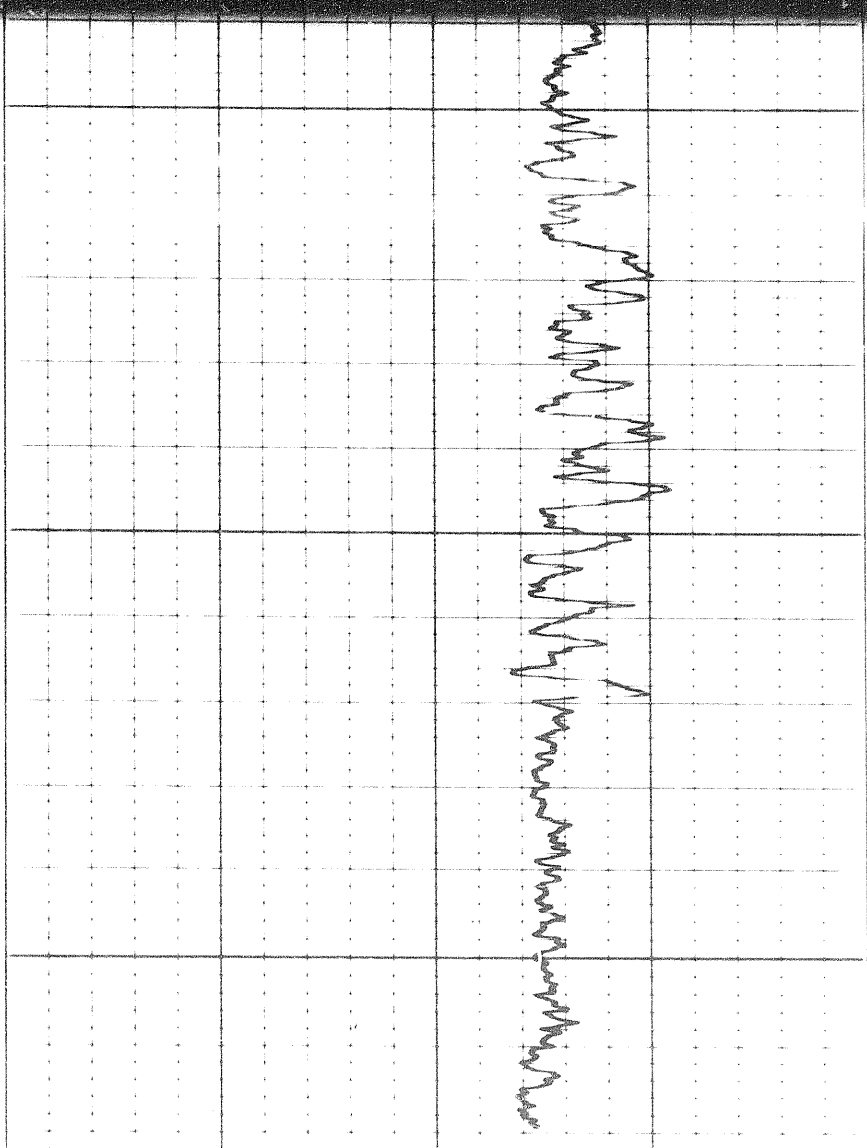


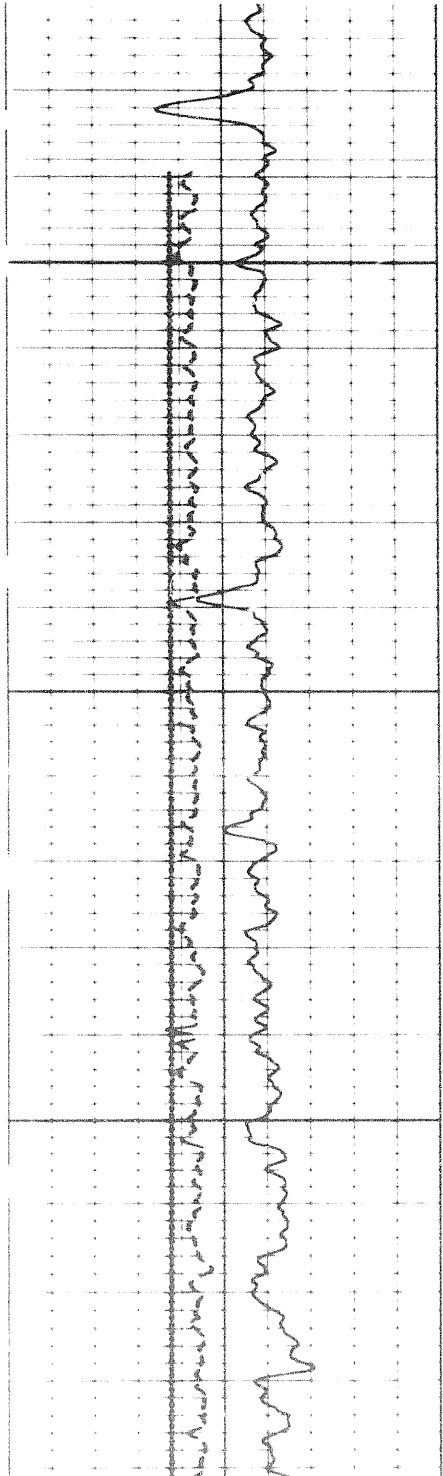
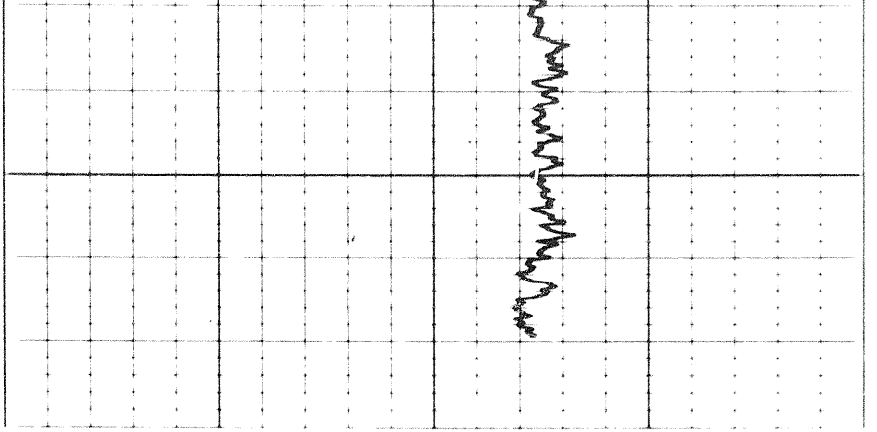
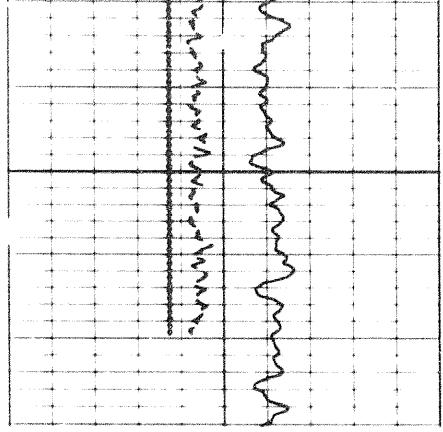
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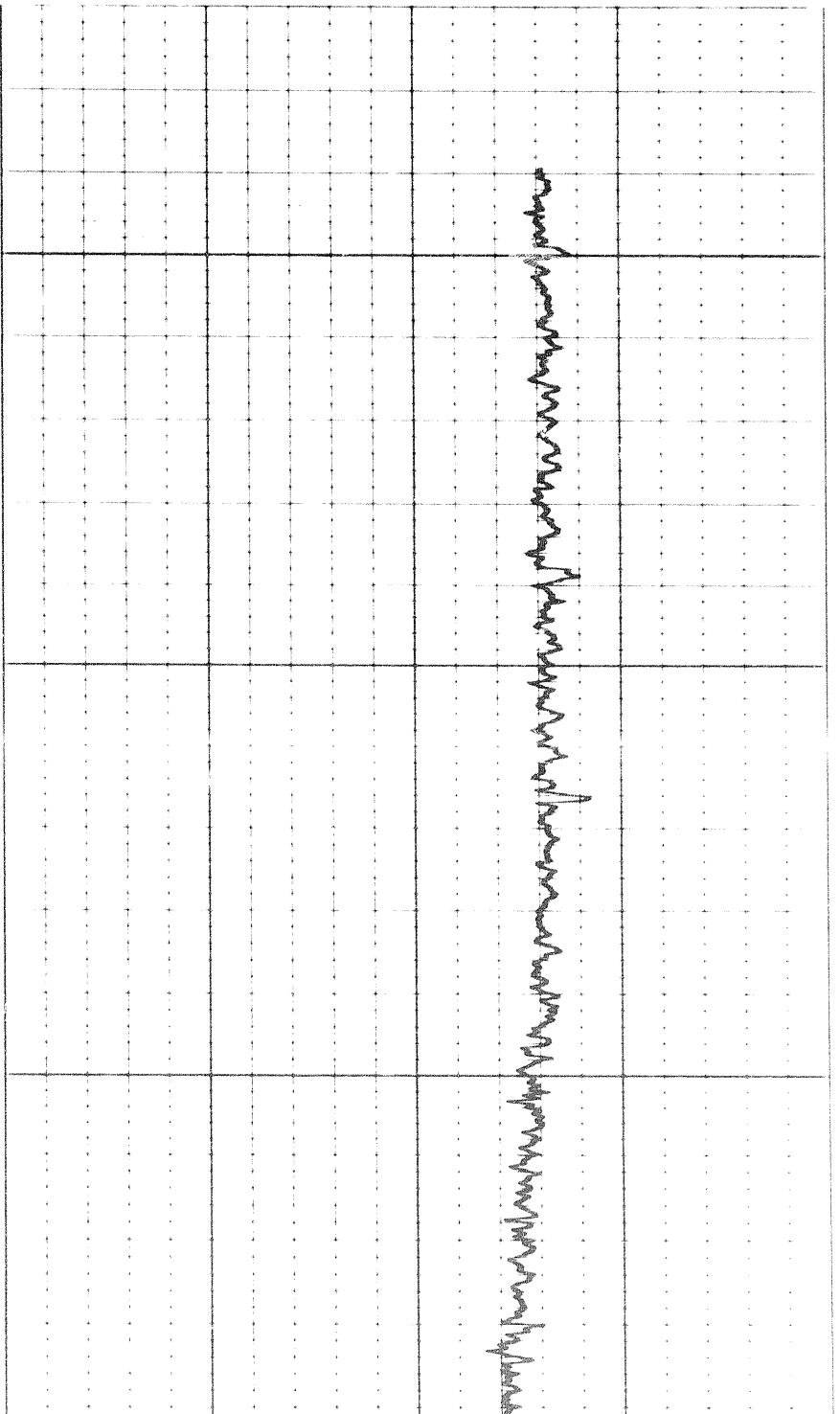


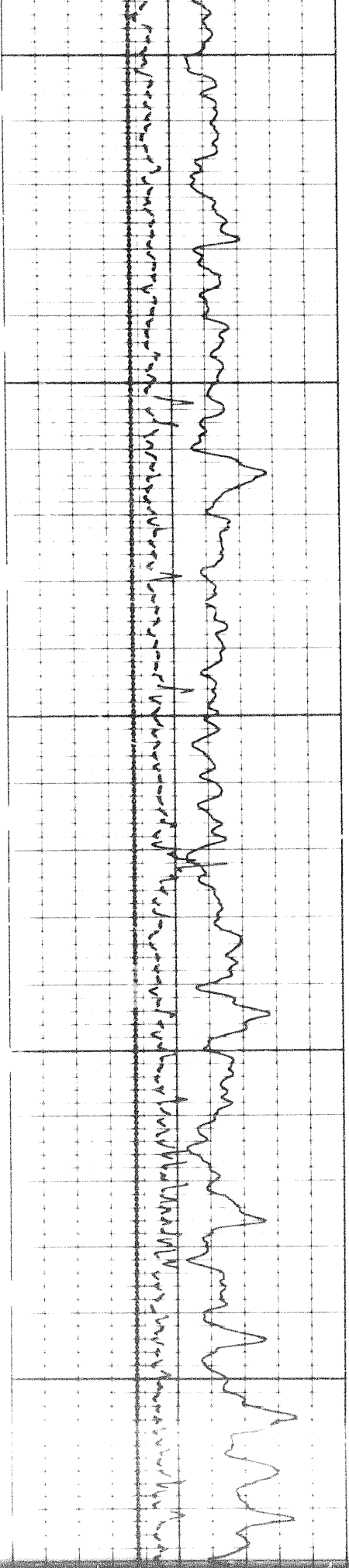
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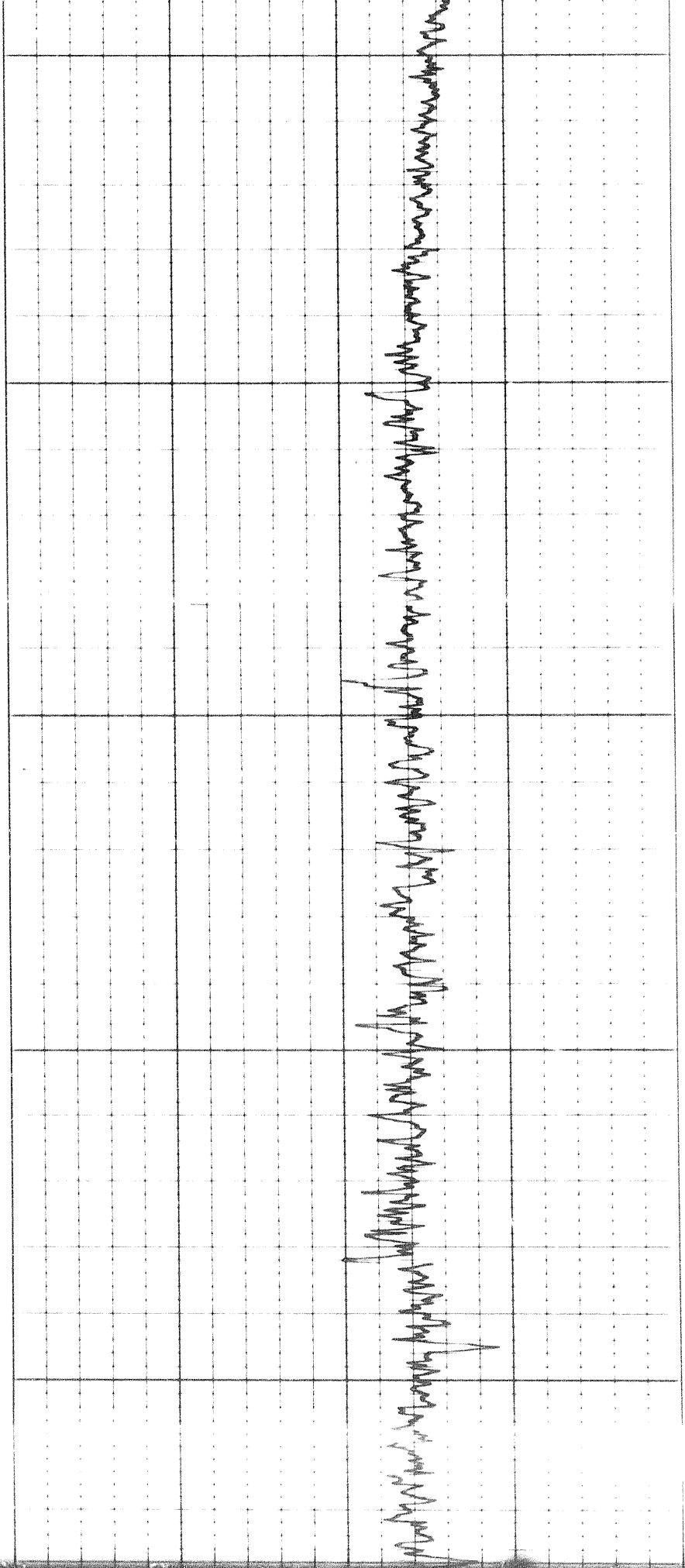
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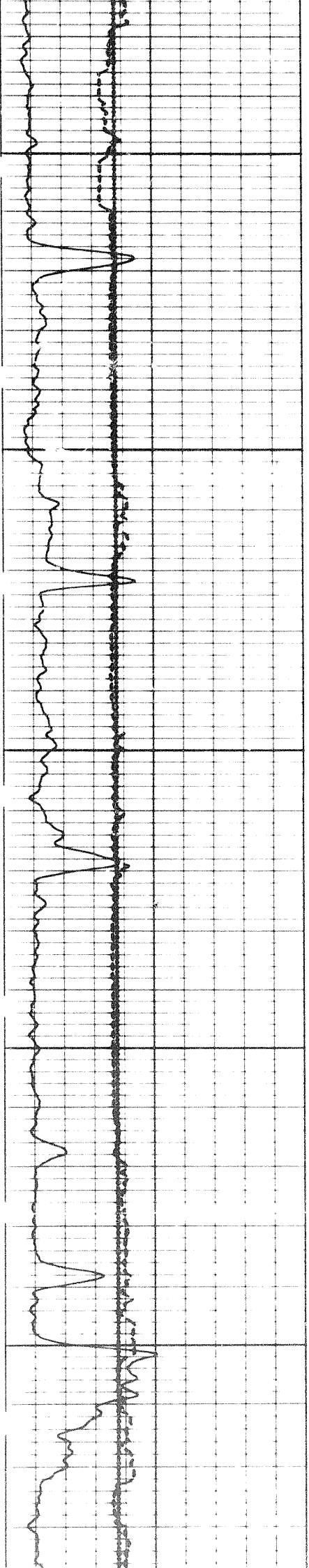




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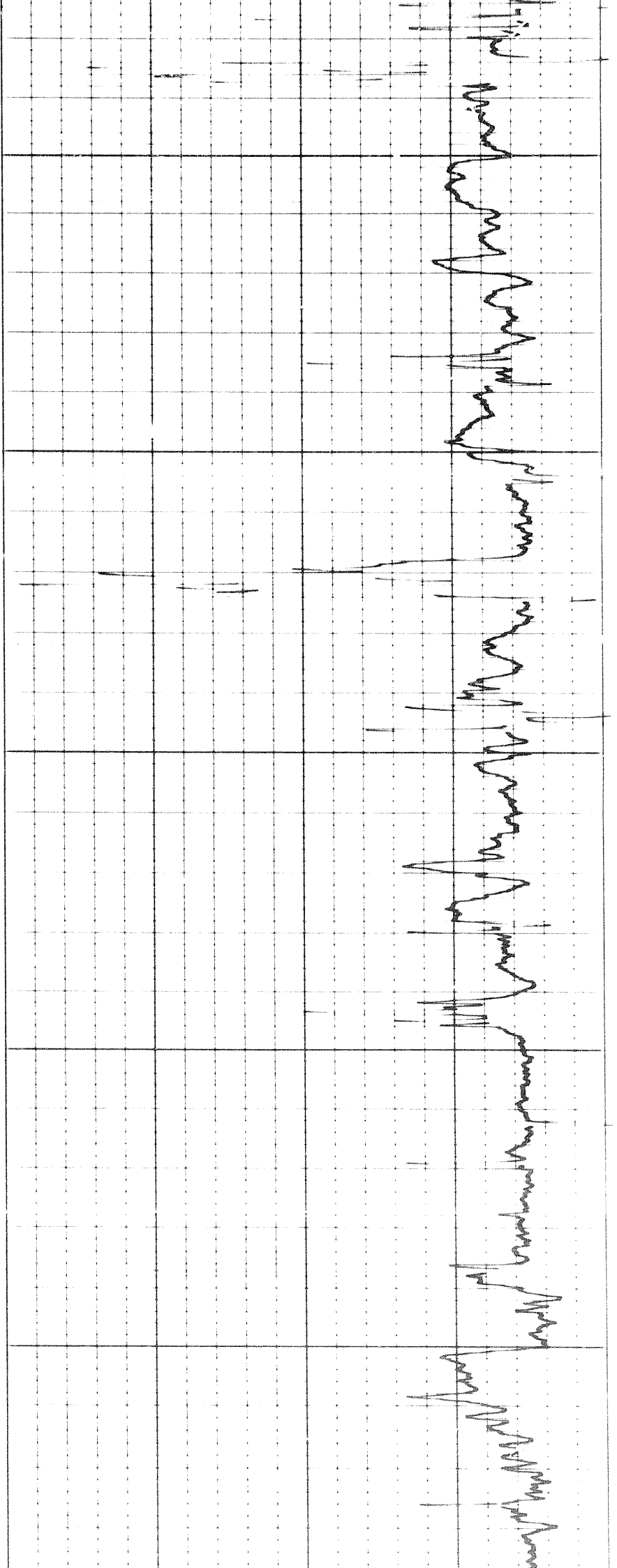
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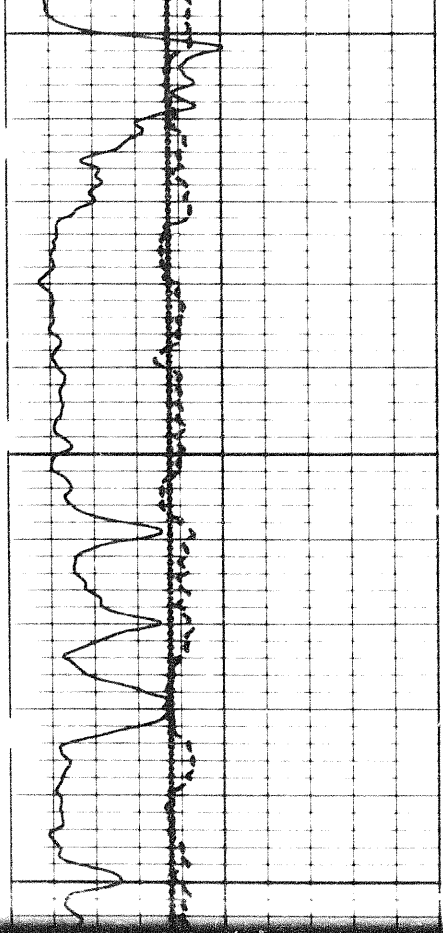


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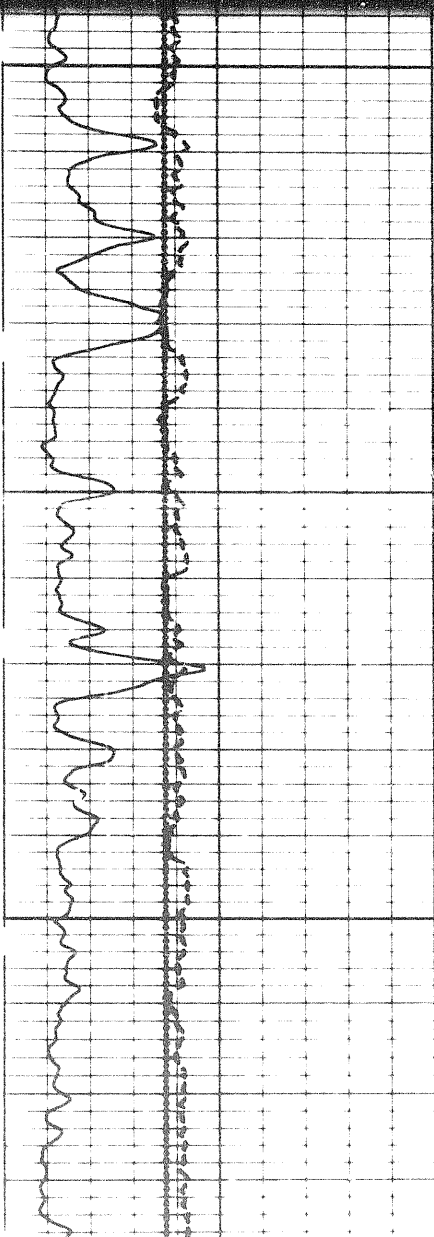
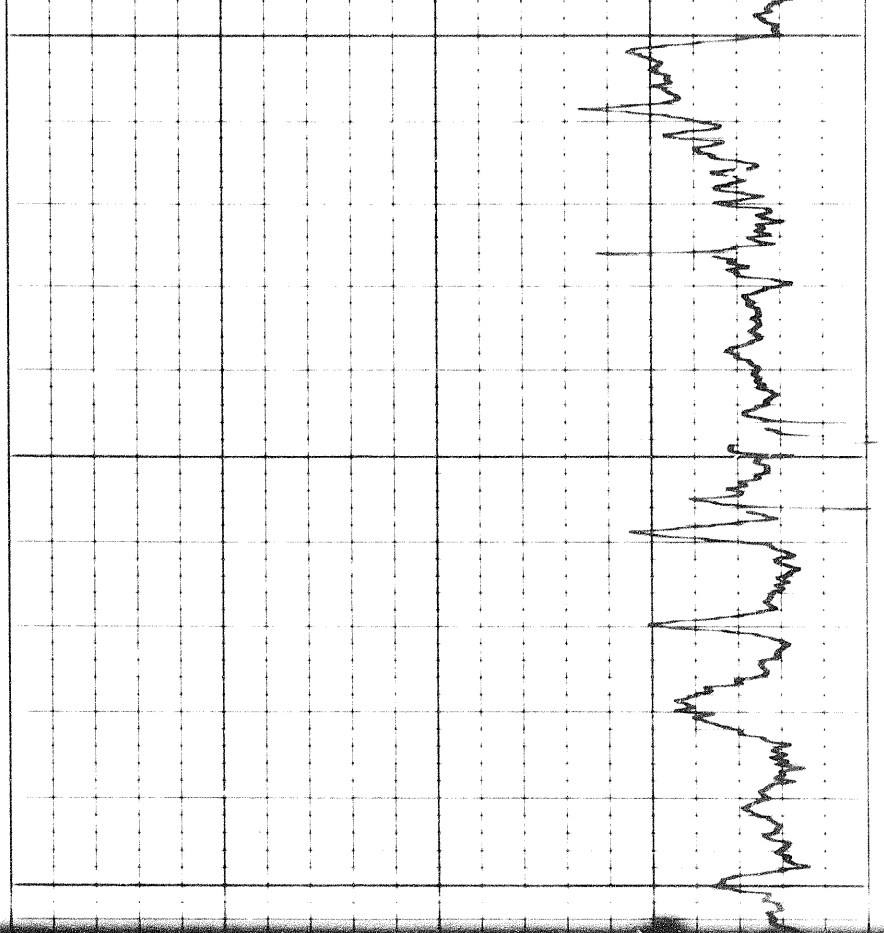
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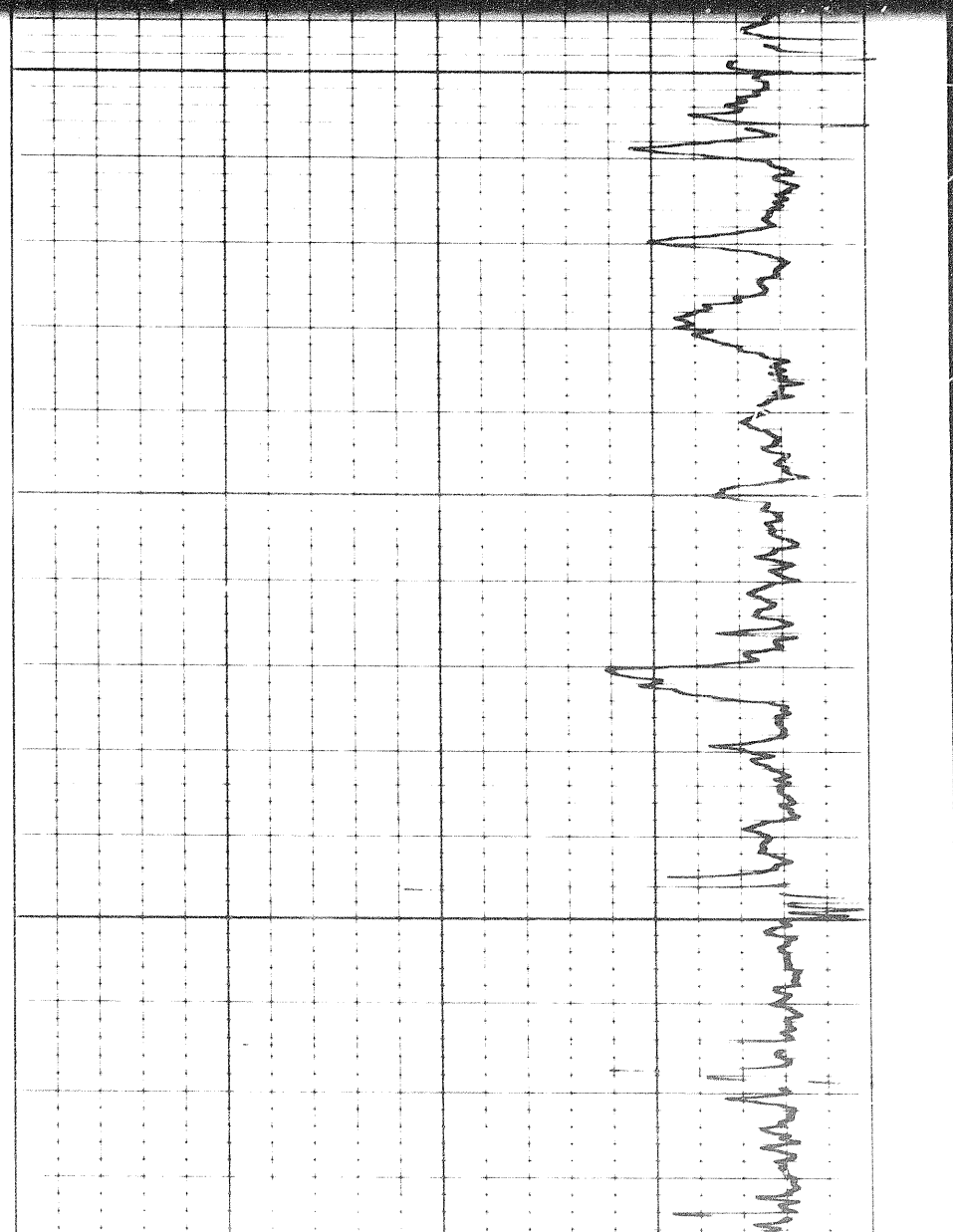
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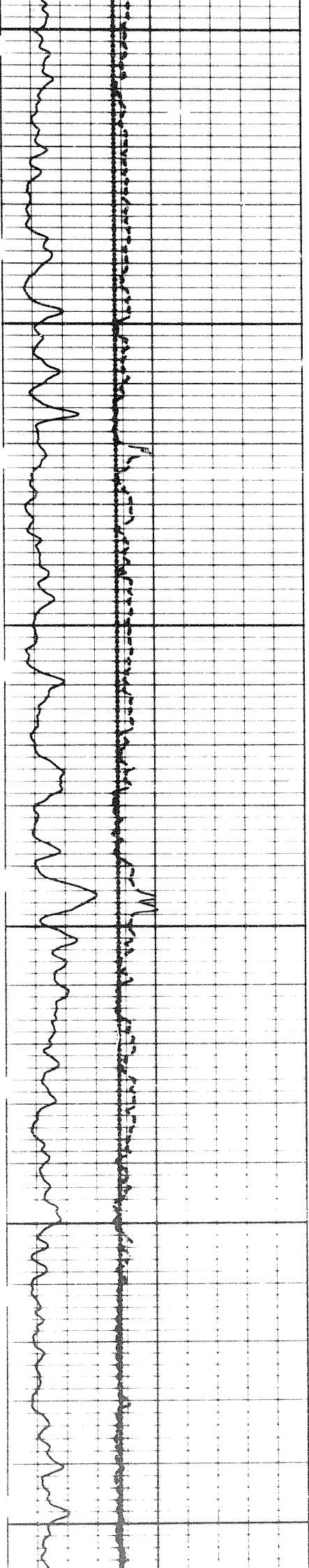


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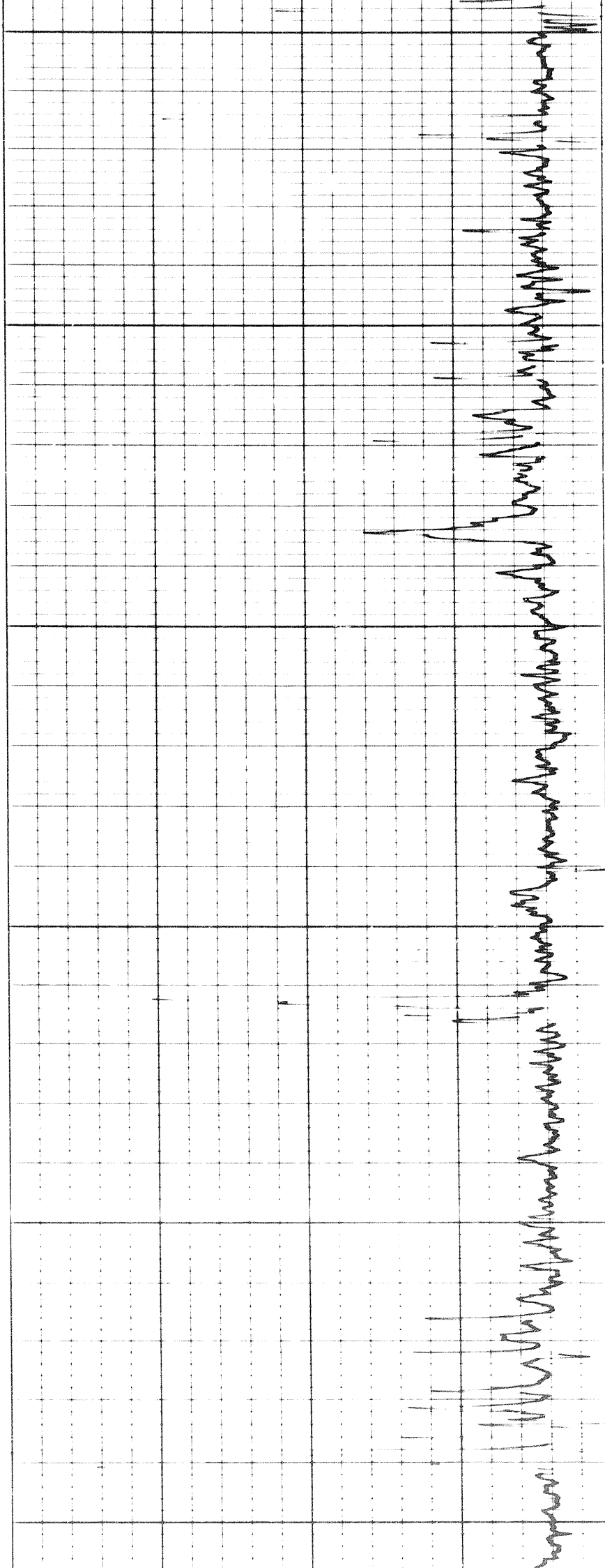




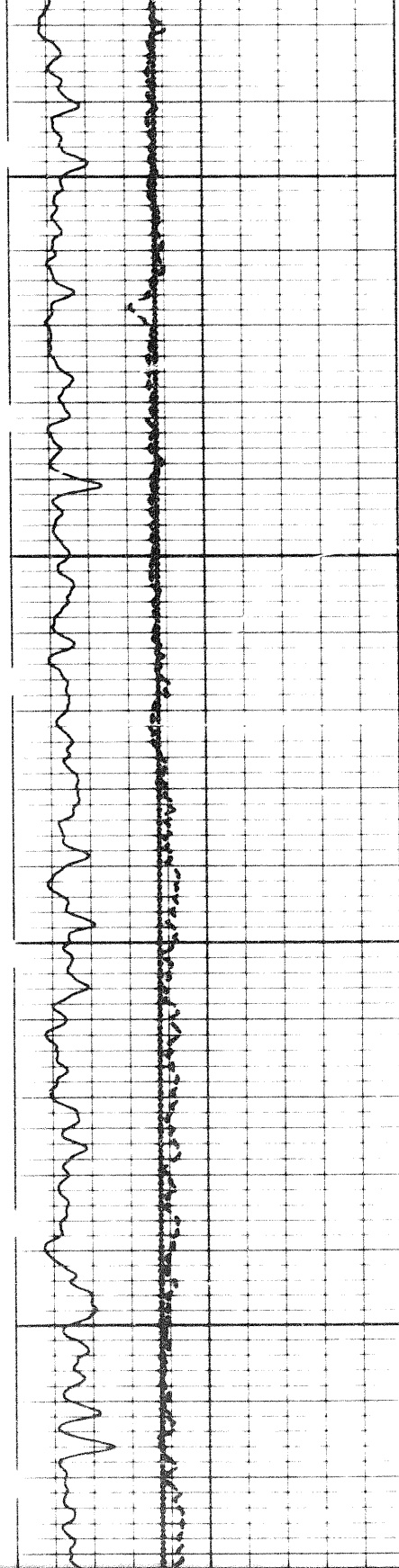
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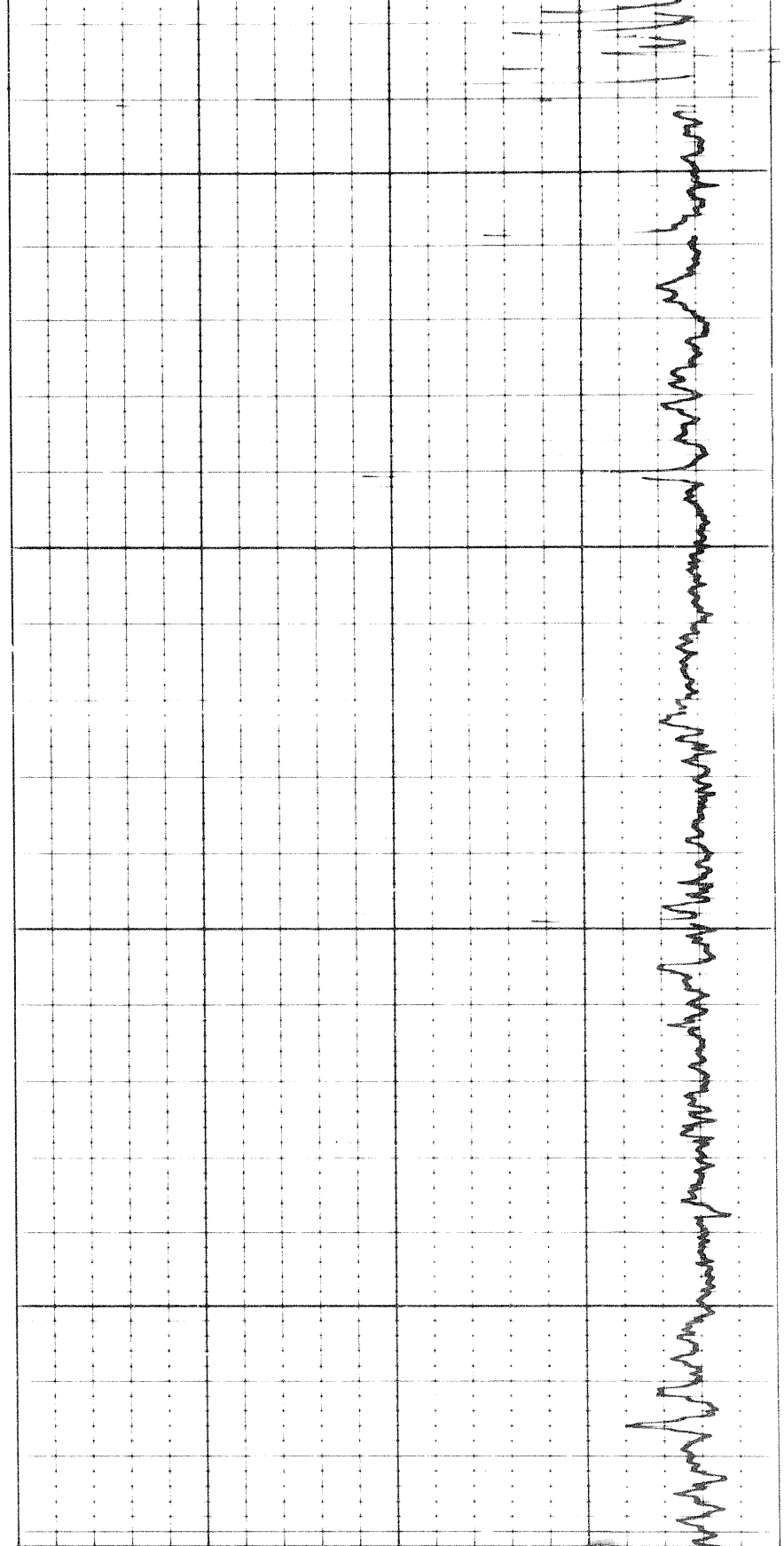
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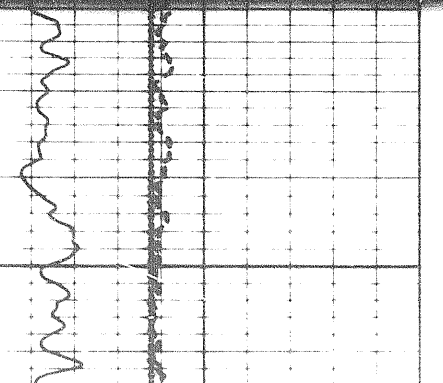
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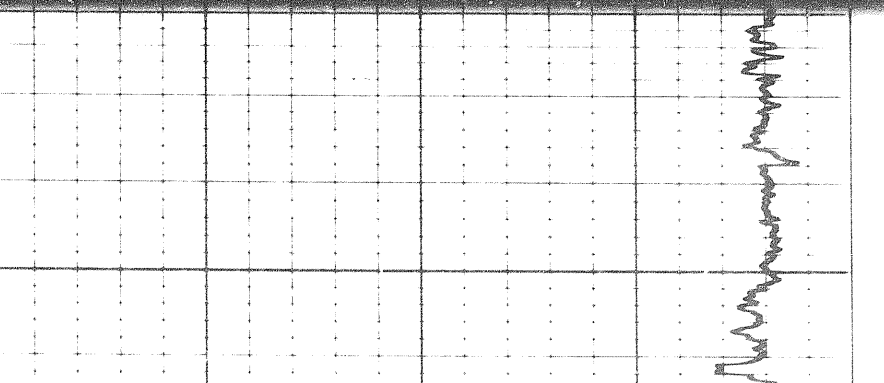
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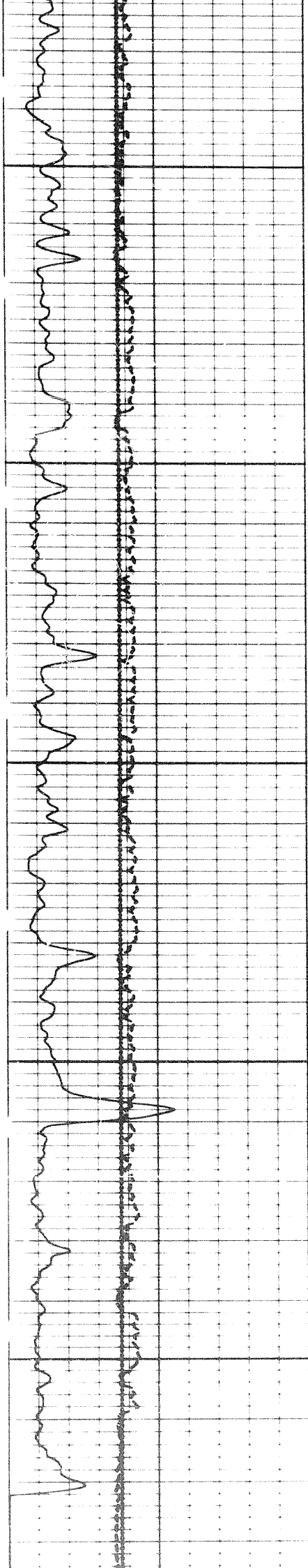
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67.00



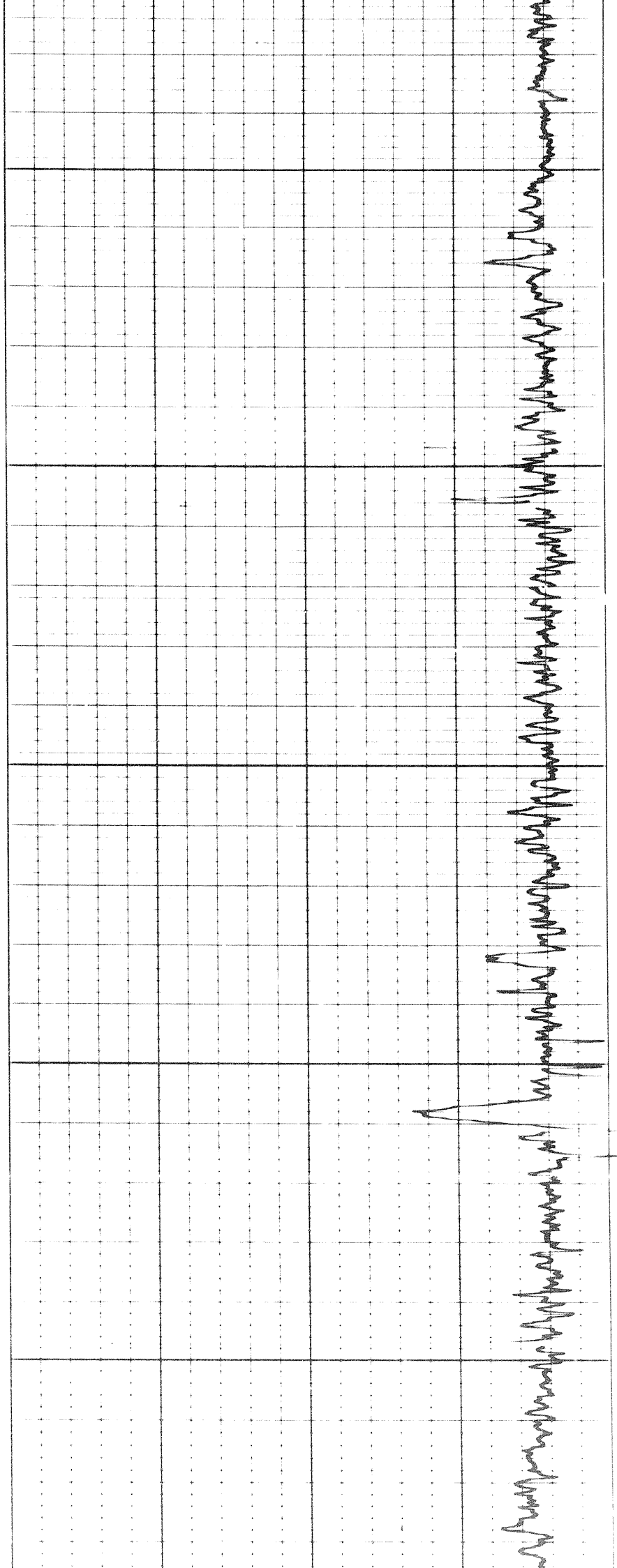
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6900



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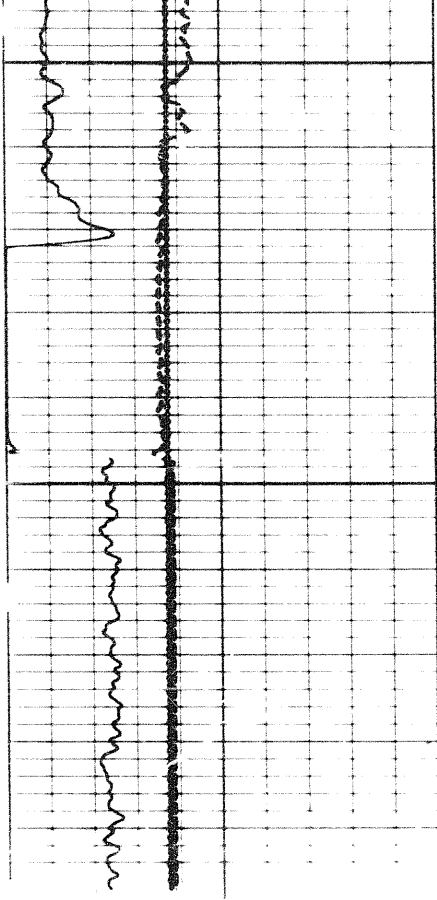
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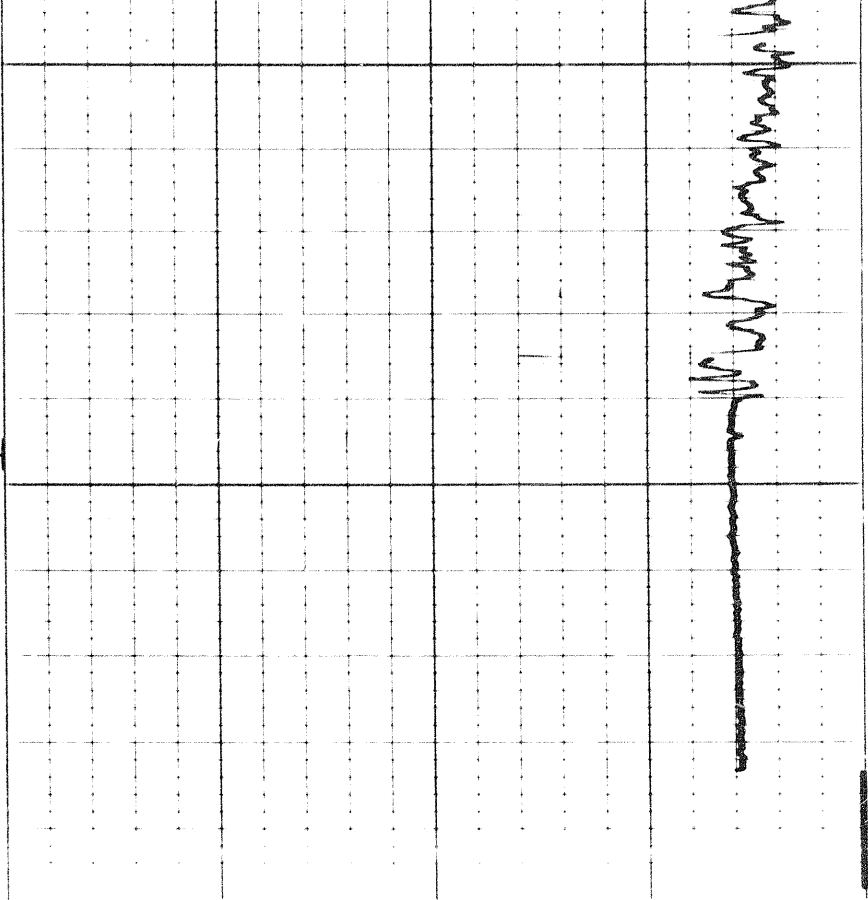
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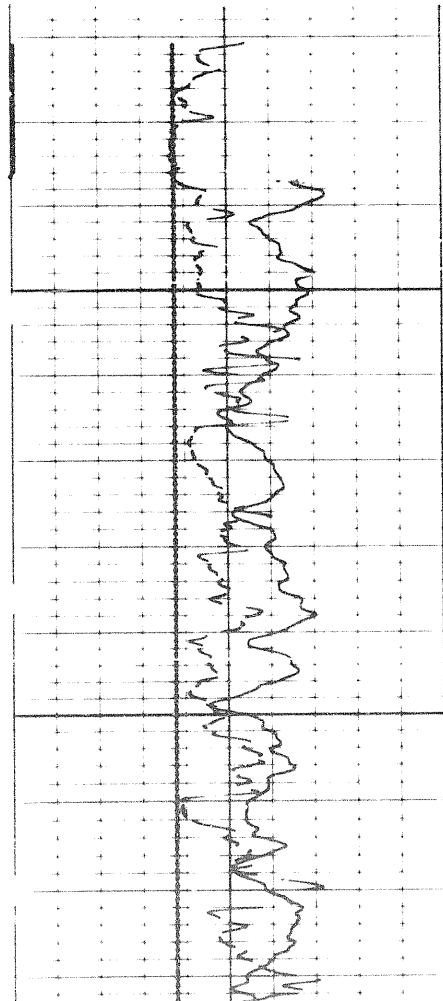


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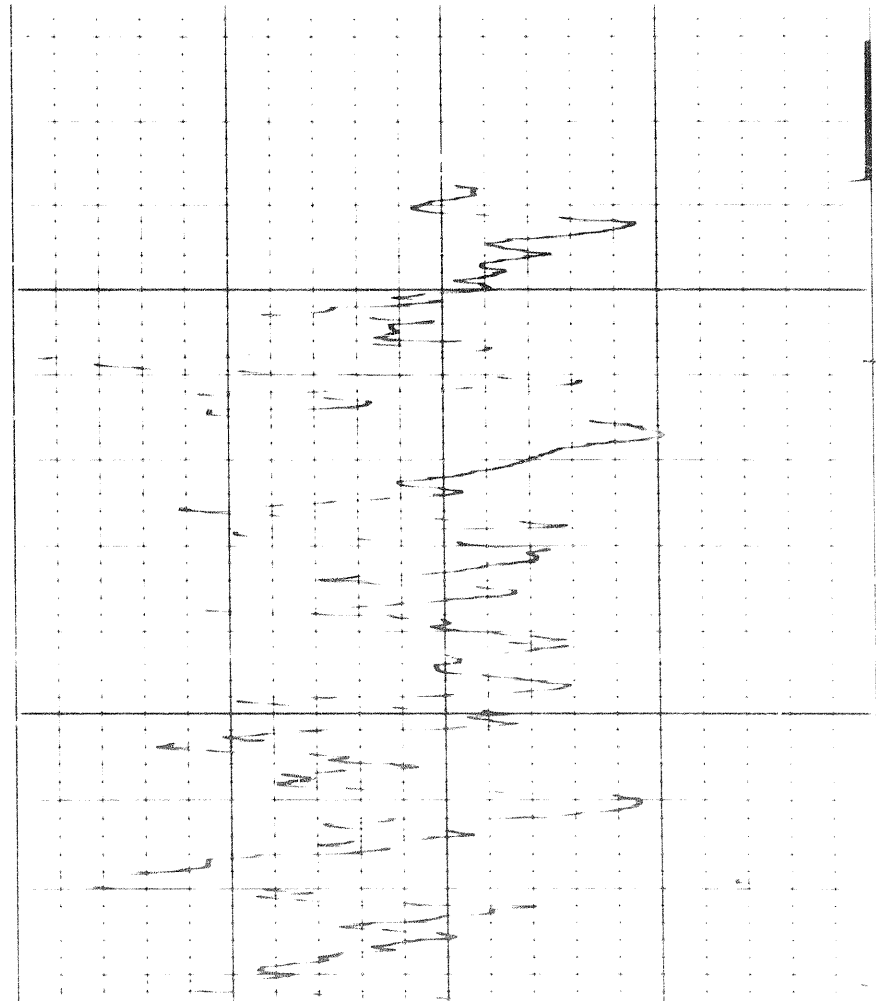
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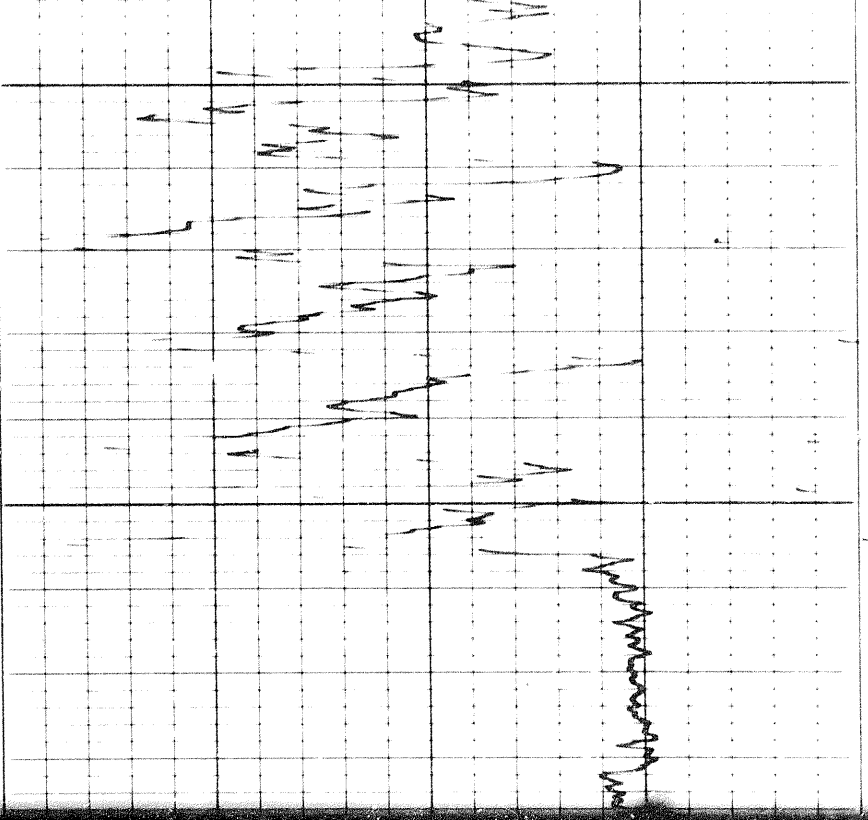


REPEAT SECTION

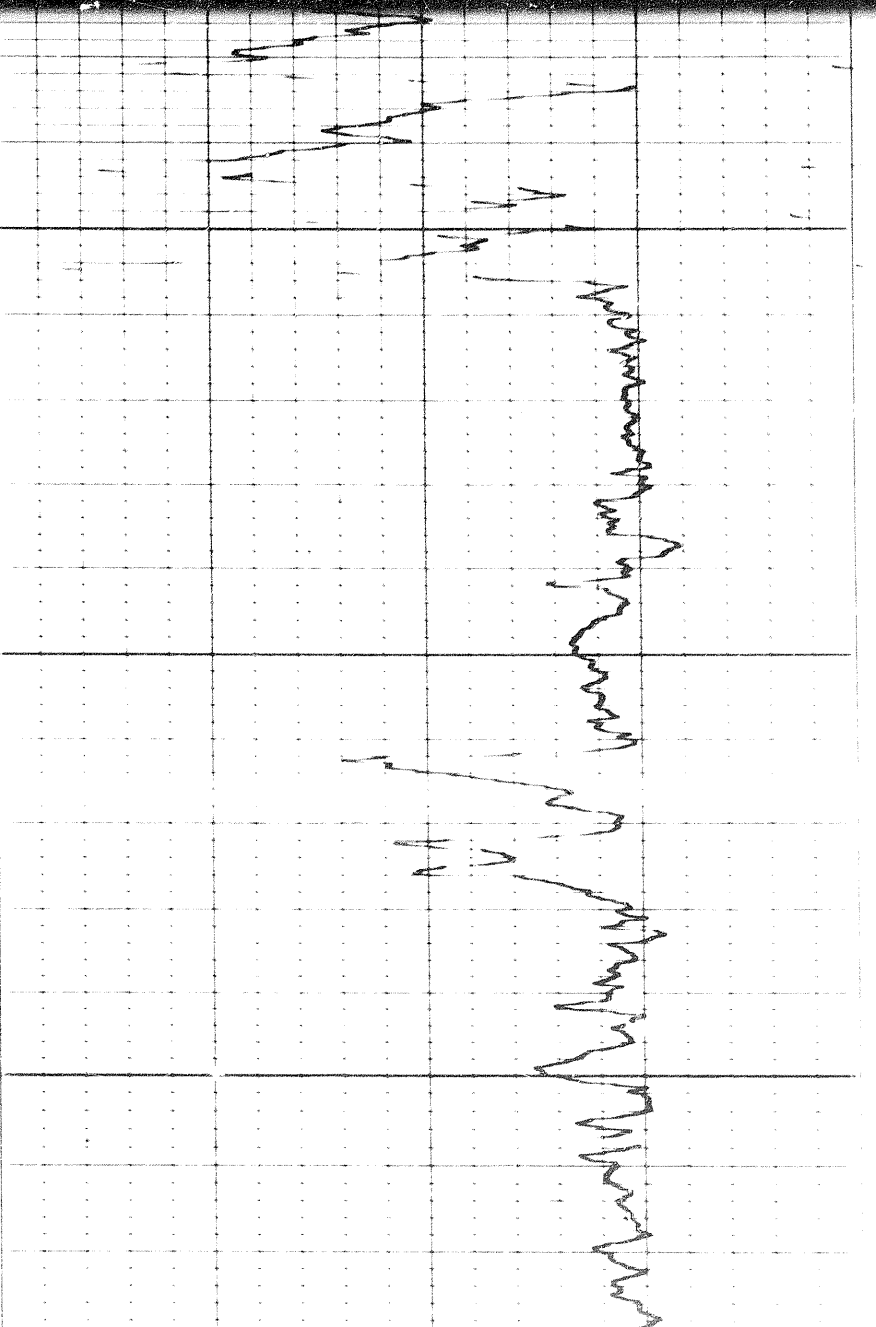


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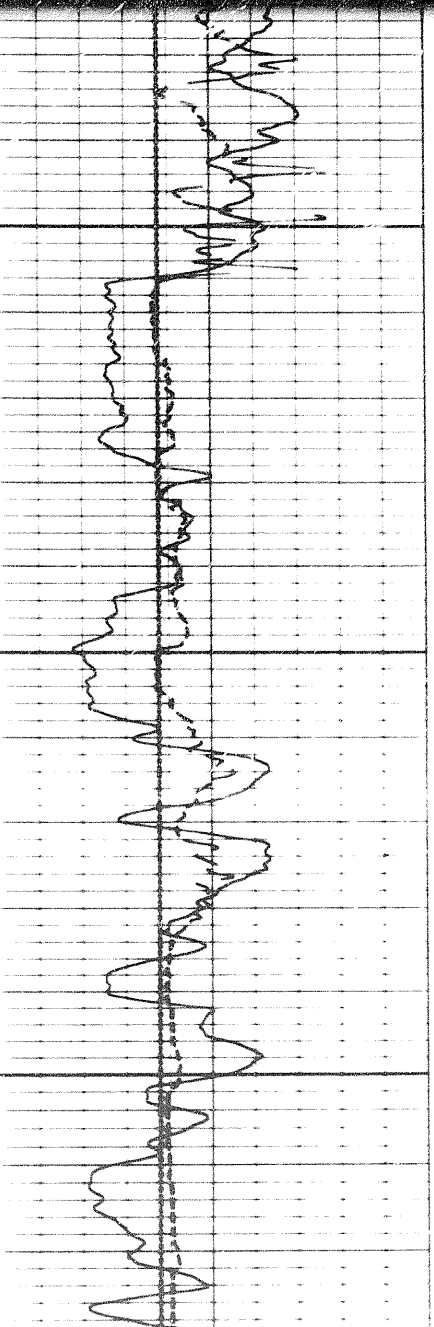
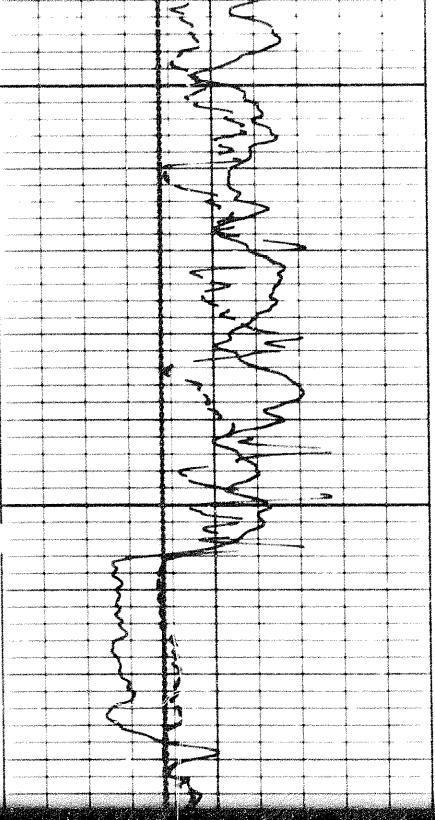


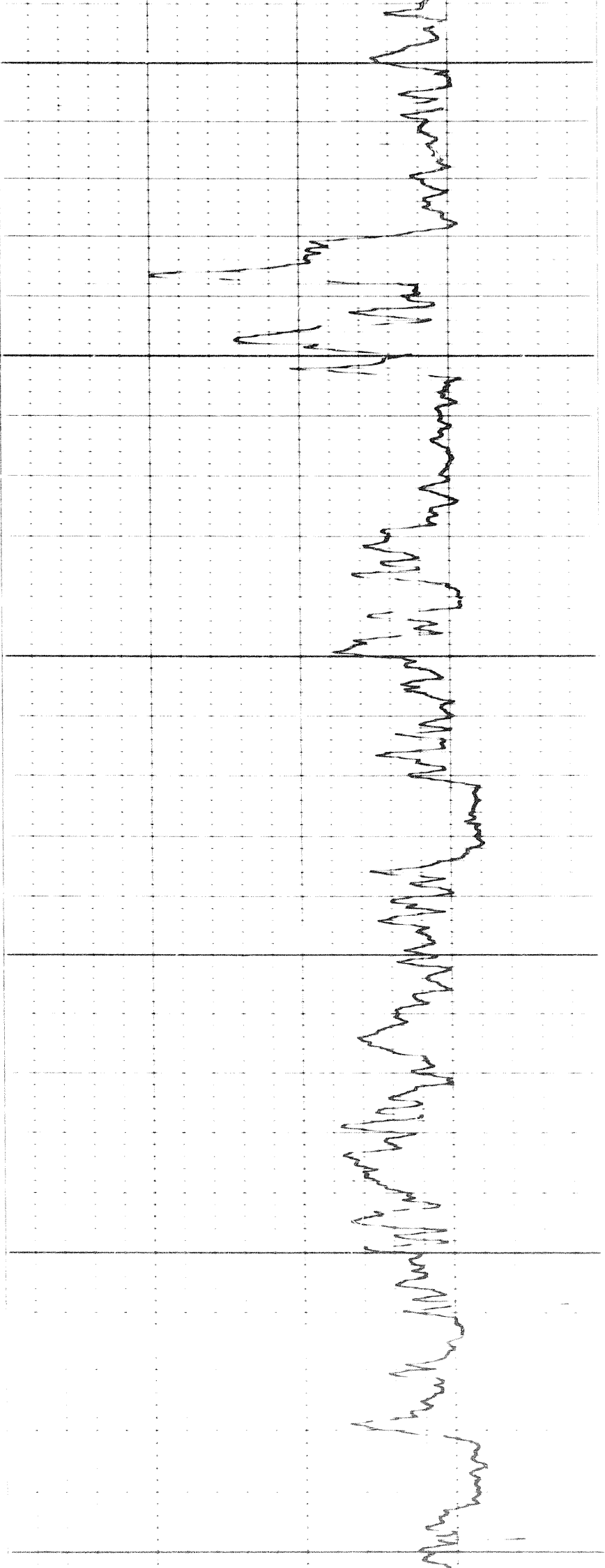


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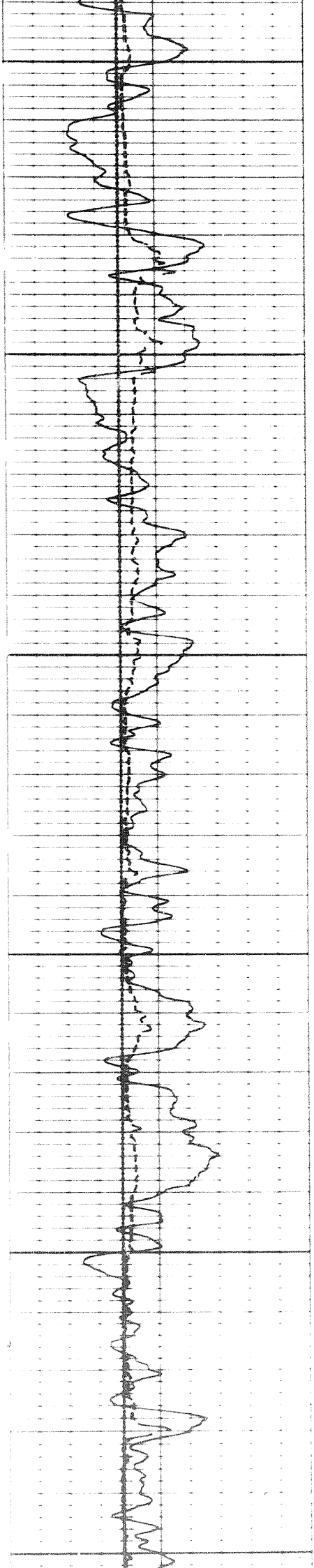


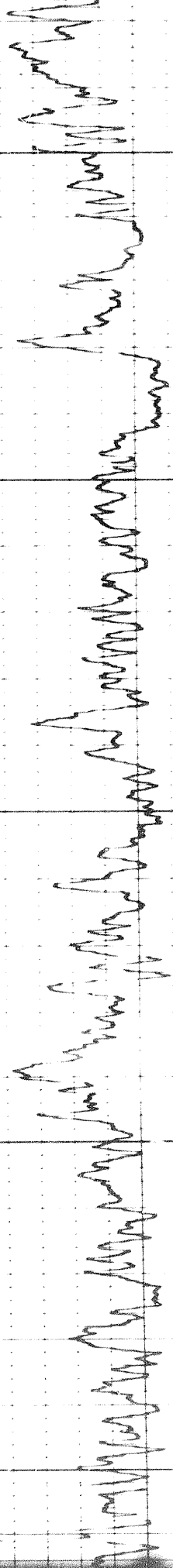


2500

2600

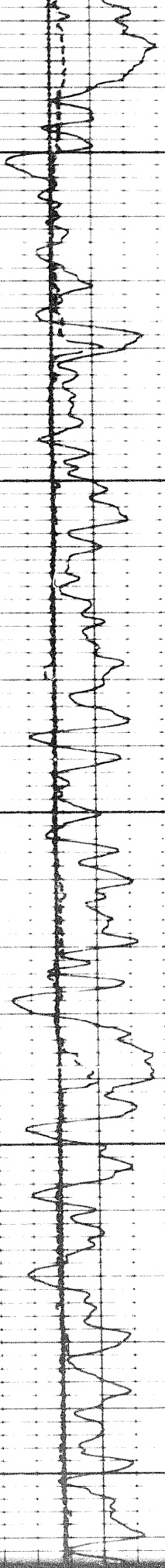
2700



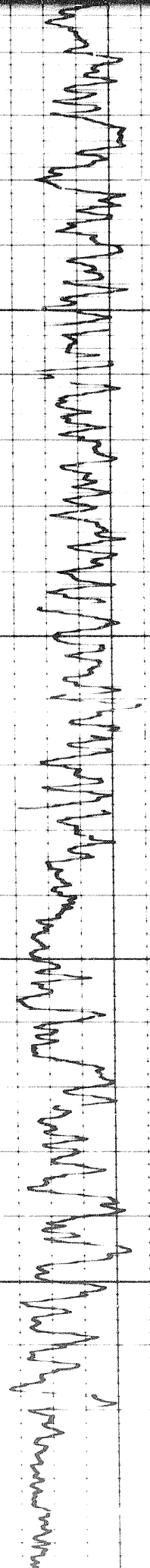


2700

2800



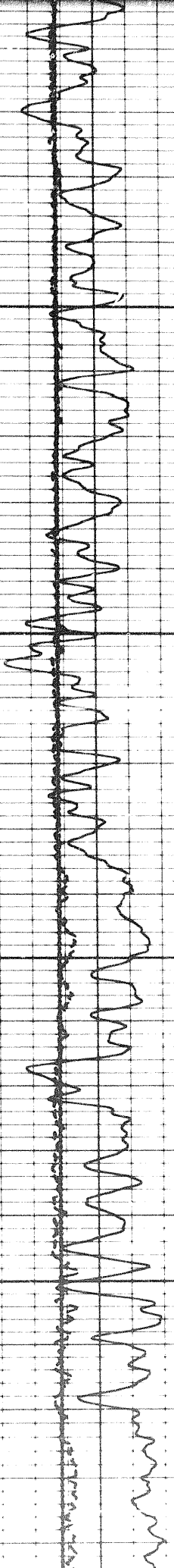
120f

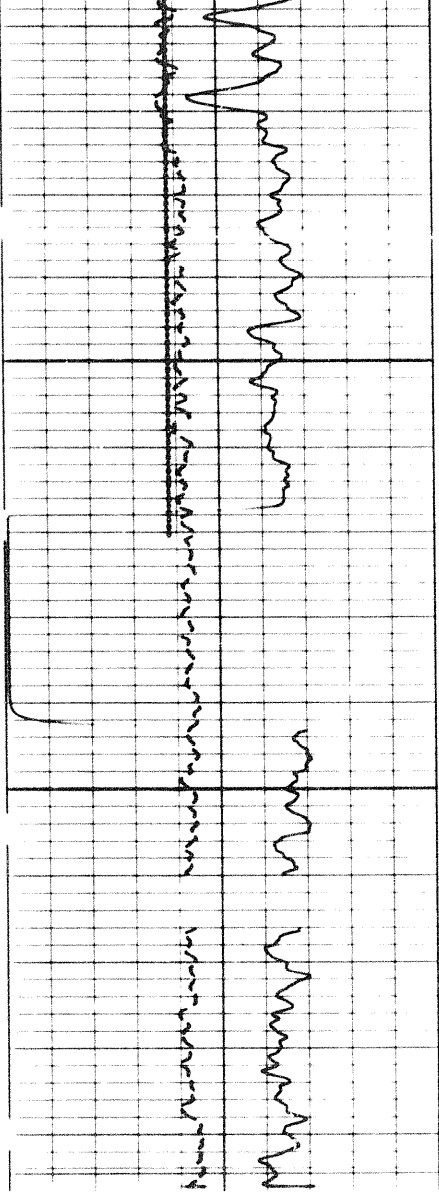


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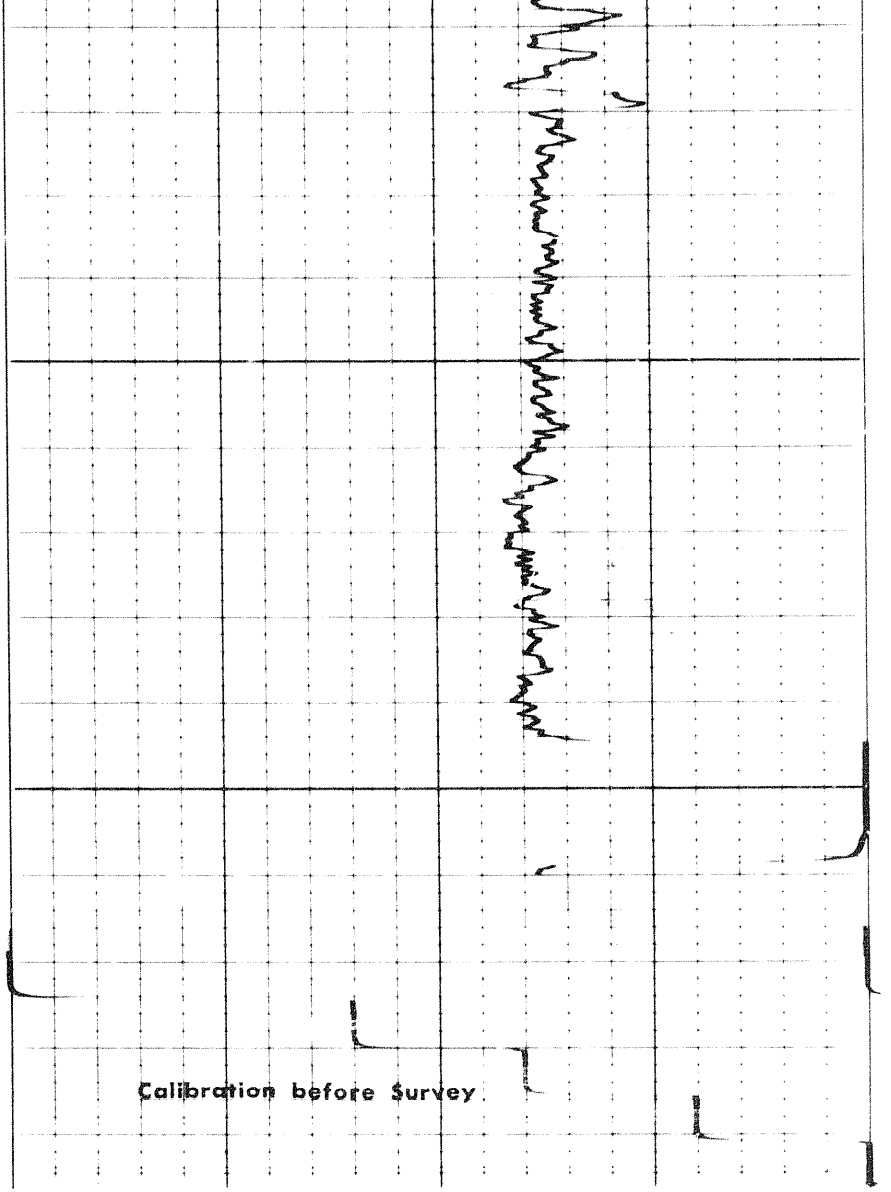
2900

3000

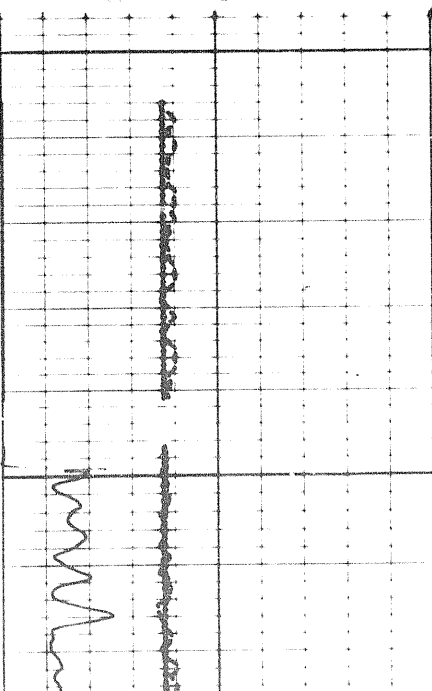




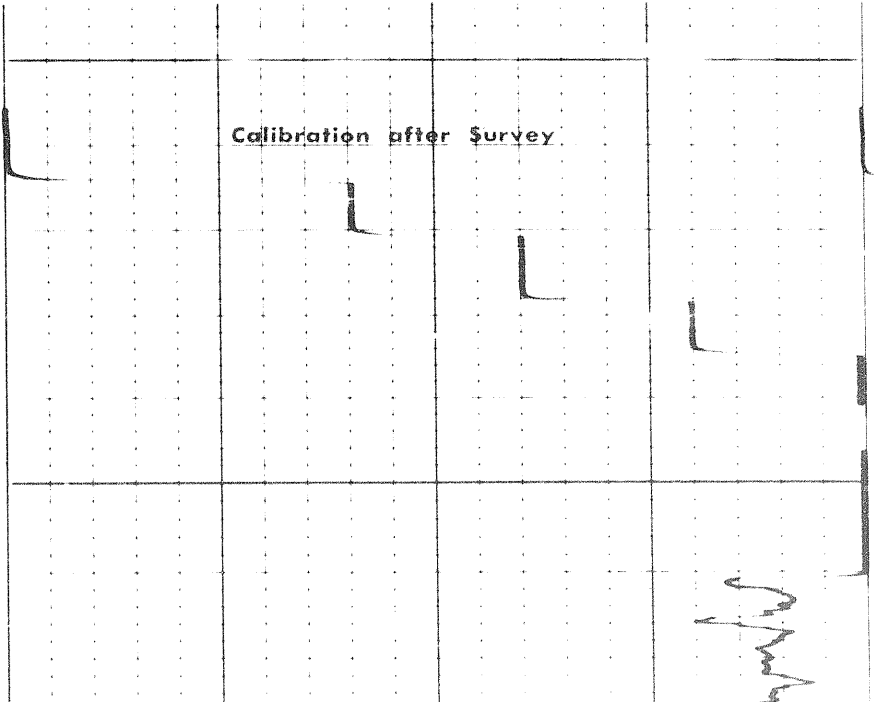
3100



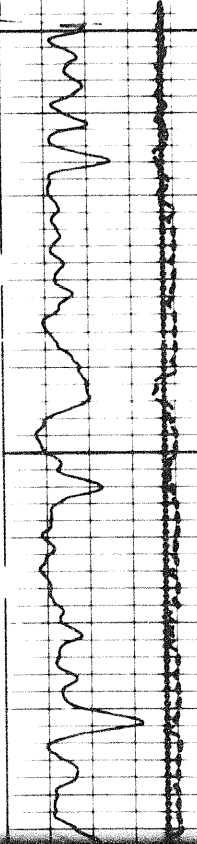
REPEAT SECTION



6700

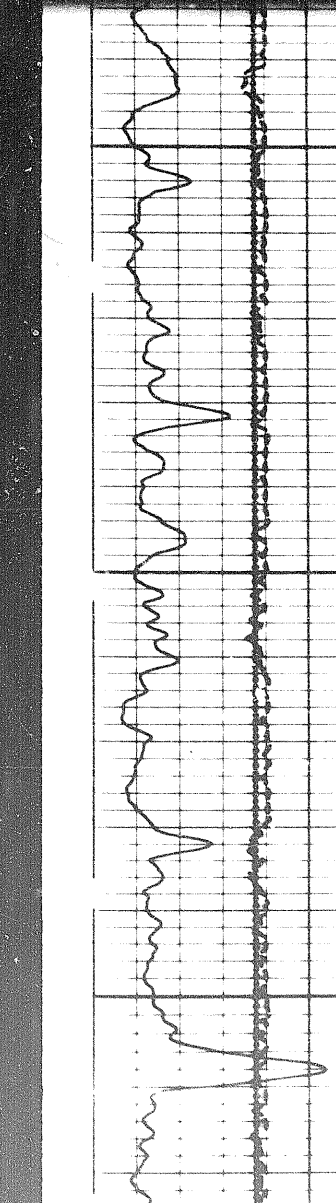


134



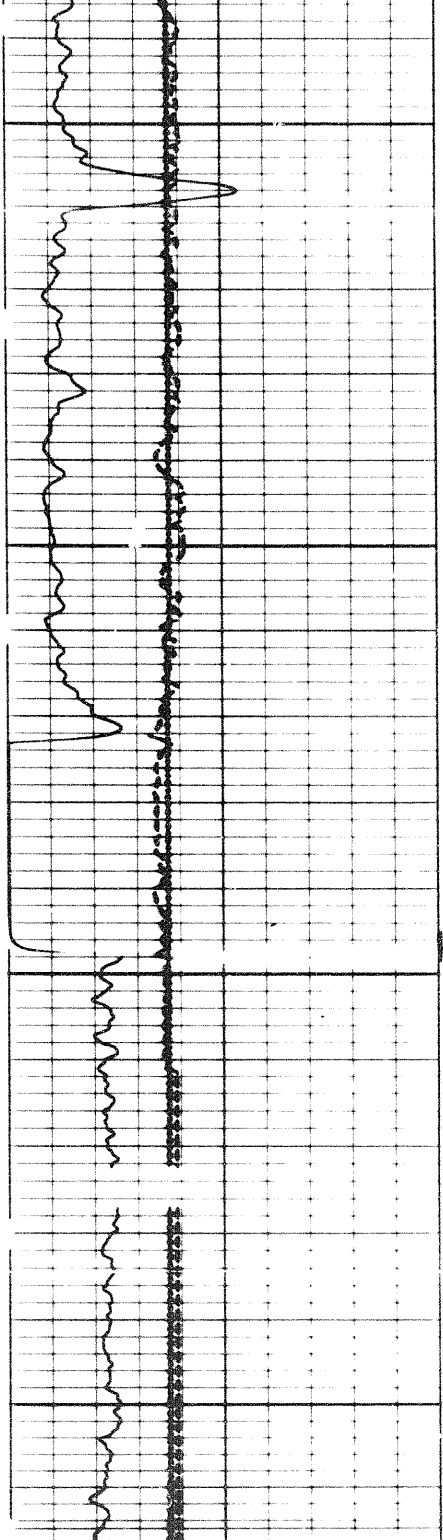
60/00

ECG tracing on grid paper showing a regular rhythm. The rate is indicated as 60/00. The tracing shows a regular sinus rhythm with a rate of approximately 60 bpm. The P waves are upright and followed by narrow QRS complexes. The ST segment is slightly elevated, and the T waves are upright.



60/00

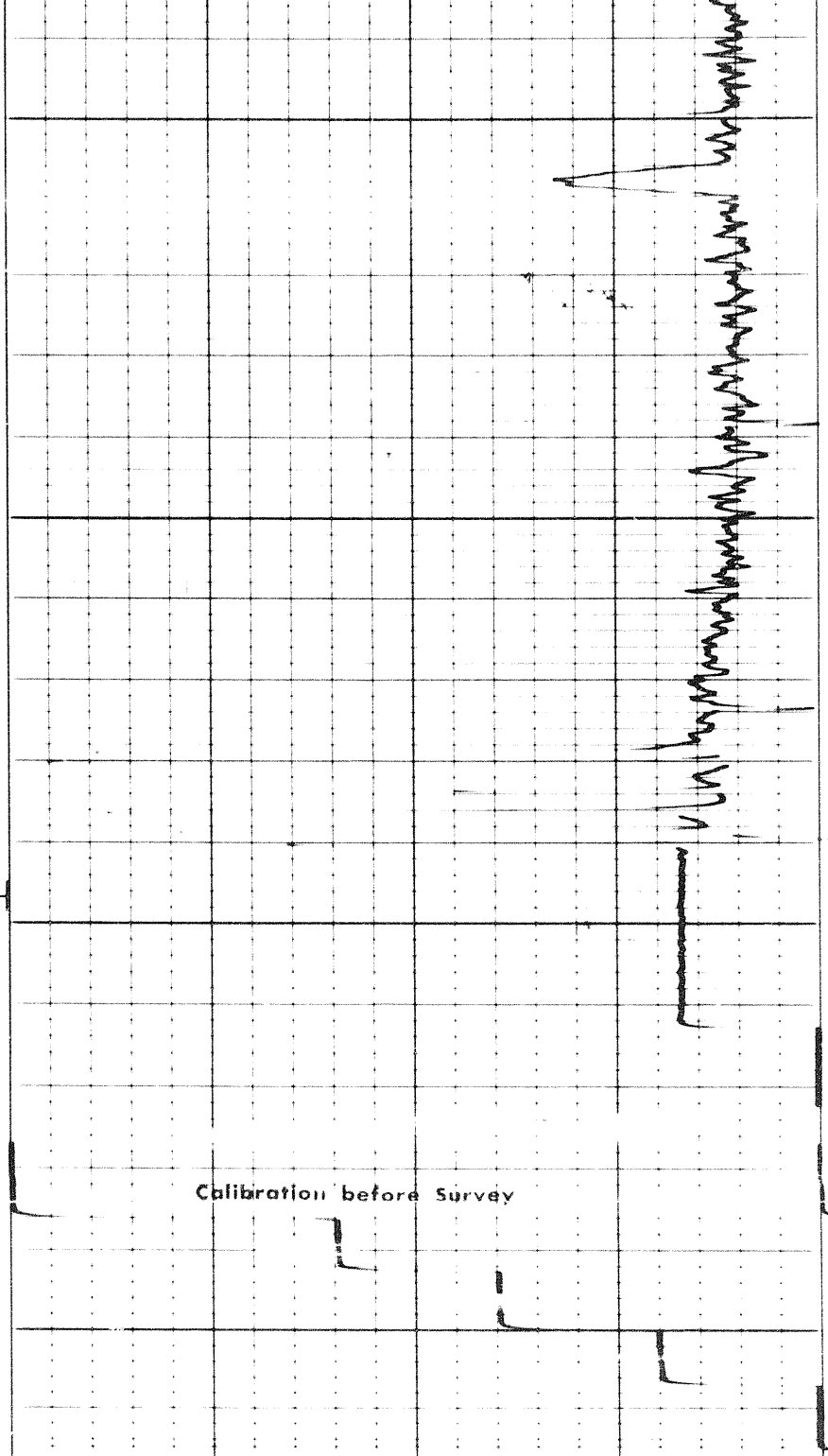
ECG tracing on grid paper showing a regular rhythm. The rate is indicated as 60/00. The tracing shows a regular sinus rhythm with a rate of approximately 60 bpm. The P waves are upright and followed by narrow QRS complexes. The ST segment is slightly elevated, and the T waves are upright.



6900

FR

7000



Calibration before Survey

6 7 8 9 10 11 12 13 14

CALIPER
hole diameter in inches

Sens. 150 T.C. 2
Zero 0 div. to left

Speed in FPM

GAMMA RAY
API UNITS

DEPTHS

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

GAMMA RAY
API UNITS

DEPTHS

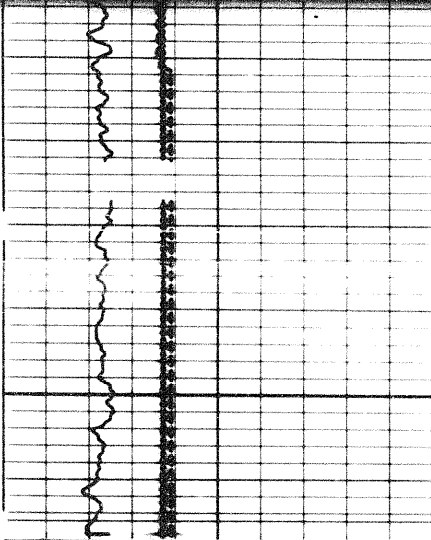
SONIC
INTERVAL TRANSIT TIME
microseconds per foot

Gamma Ray Cal
@ API Units

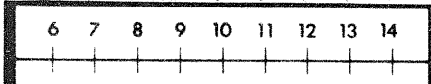
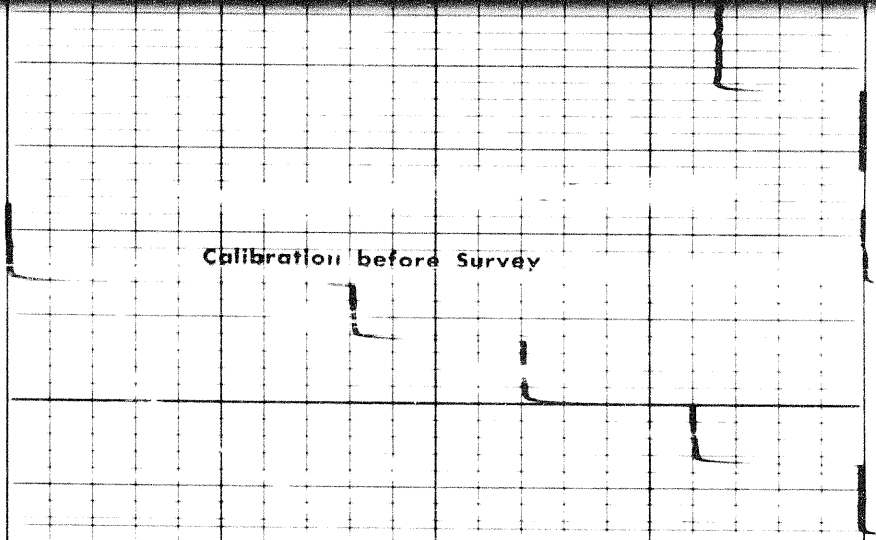
Gamma Ray Background

Gamma Ray Cal

Calibration before Survey



1000



CALIPER
hole diameter in inches

Sens.	150	T.C.	2
Zero	0	div. to left	
			150
			300

240	190	40
140	90	40

GAMMA RAY
API UNITS

DEPTH

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

