

SCHLUMBERGER

INDUCTION ELECTRICAL LOG
 SCHLUMBERGER OF CANADA Calgary, Alberta

PROVINCE YUKON TERRITORY
 FIELD WILDCAT
 WELL SOCONY MOBIL WESTERN MINERALS BLACKIE #1 YT M-59
 COMPANY SOCONY MOBIL OIL OF CANADA LTD

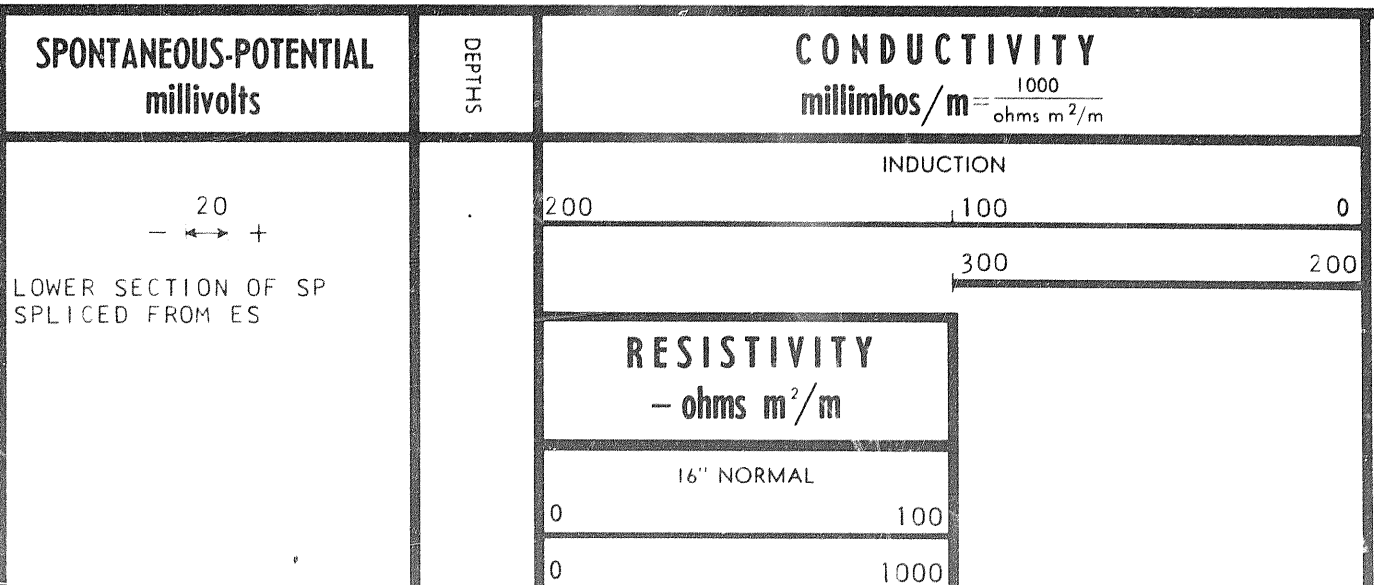
COMPANY SOCONY MOBIL OIL OF CANADA LTD
 WELL SOCONY MOBIL WESTERN MINERALS BLACKIE #1 YT M-59
 FIELD WILDCAT
 PROVINCE YUKON TERRITORY
 LOCATION 65° 58' 55" N 137° 11' 08.7" W
 Permanent Datum GL Elev. 1829
 Log Measured From KB 15 Ft. Above Perm. Datum
 Other Services: IES; SGR, C/S
 ELEV. KB 1844
 GL 1829
 CBF

Date	16MAR64
Run No.	ONE
First reading	6257
Last reading	1103
Feet measured	5154
Depth reached	6258
Bottom Driller	6250
Csg. SDC	1103
Csg. Driller	1100
Mud Nature	GEL
Dens. Visc.	10.6 68
Mud pH	9.5
Water Loss	4.8
Res.	1.88 @ 70 F
" " @ BHT	.865 @ 152 F
" " Rmf	1.63 @ 70 F
" " Rmc	2.07 @ 68 F
Bit Size	8 5/8"
Spacing - AM	16"
" - MN	3 1/2" 6"
Ind. Type	6EE40
Op. Rig Time	15 HRS
Truck No.	SKW-E-115
Recorded By	HAINES
Witness	CLARE

104

SA/14/4/64/DC
 REMARKS B.H.T. 152 F Measured 12 HOURS AFTER CIRCULATION

Stand Off = 1.5 Inches
 Cartridge No. G
 Panel No. F-160
 Sonde No. K-286
 IAP.D No. 300
 SBR 4



LOWER SECTION OF SP
SPLICED FROM ES

RESISTIVITY

- ohms m²/m

16" NORMAL

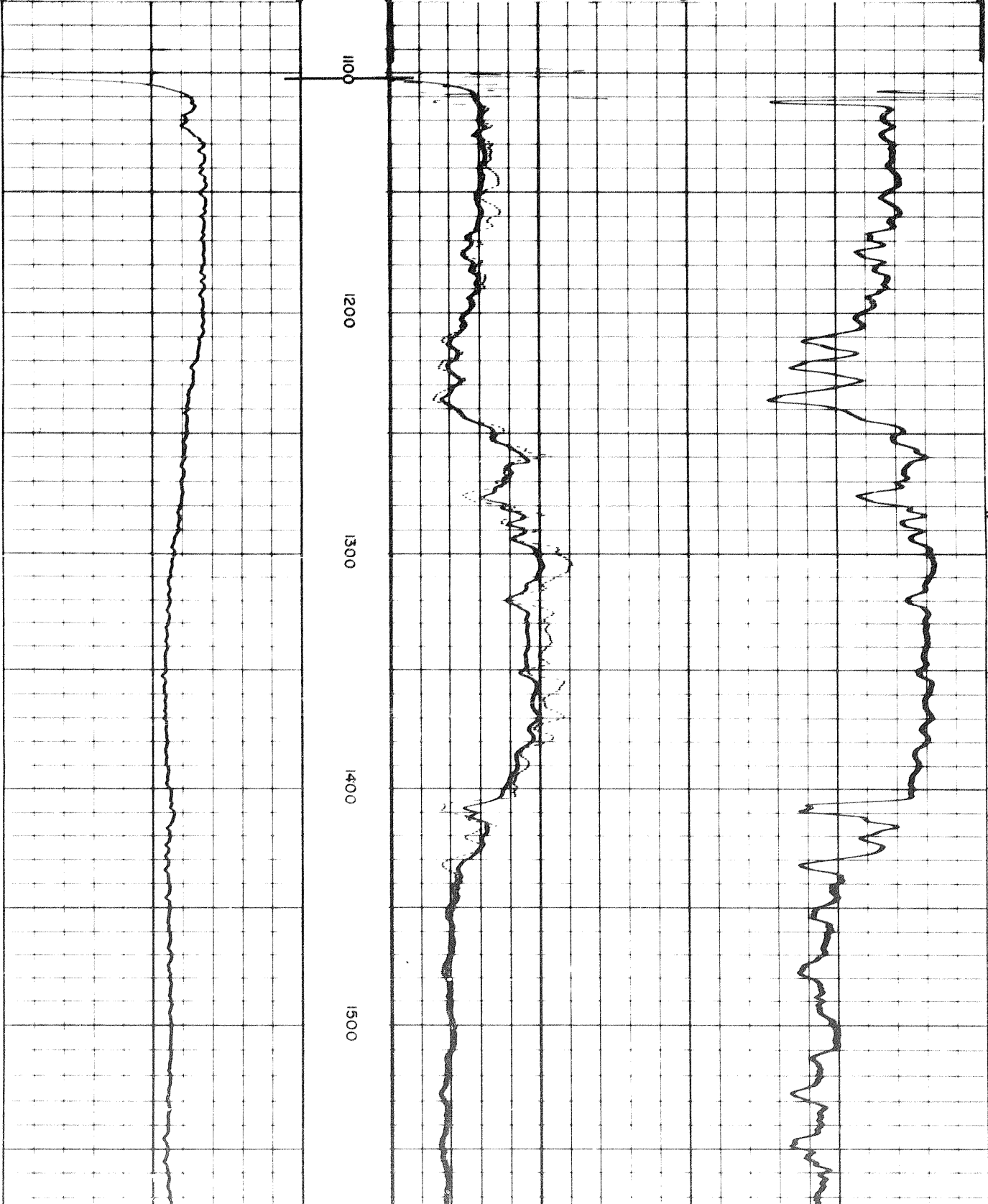
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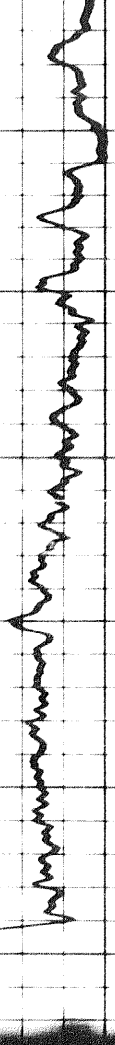
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INDUCTION

0 100

0 1000





1500

1600

1700



1700

1800

1900

28

1985
Form 11/10

1900

2000

2100

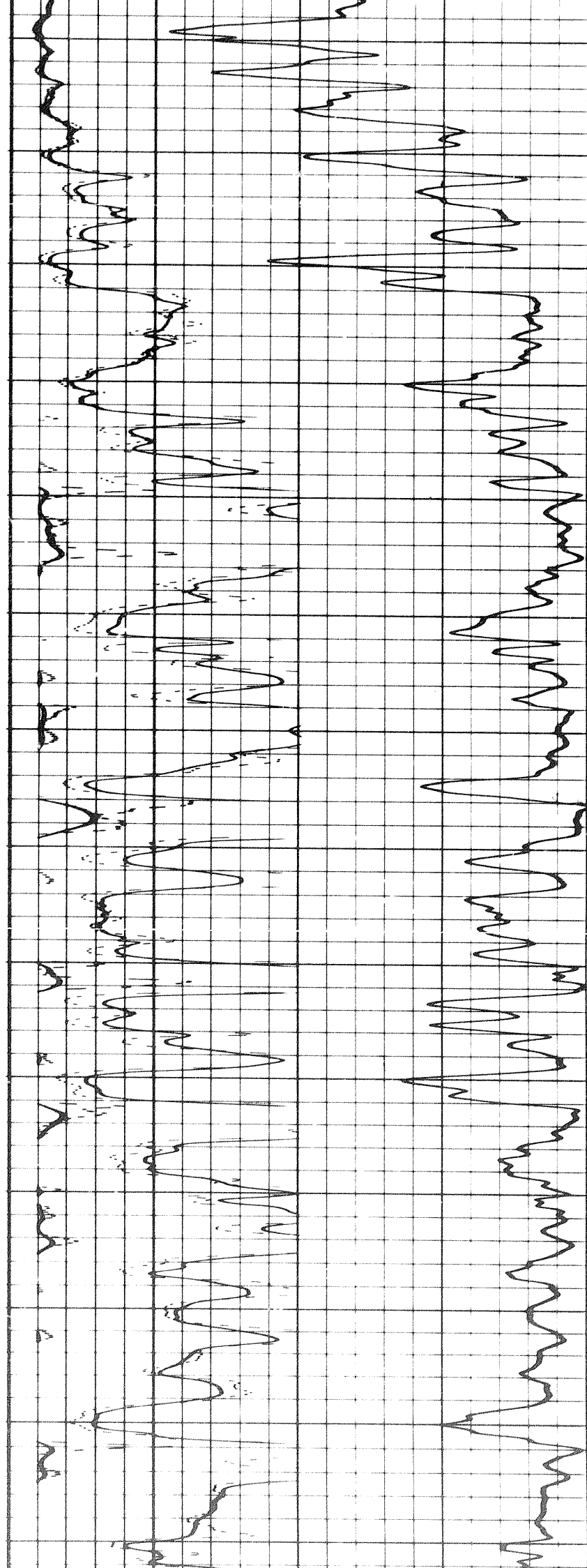
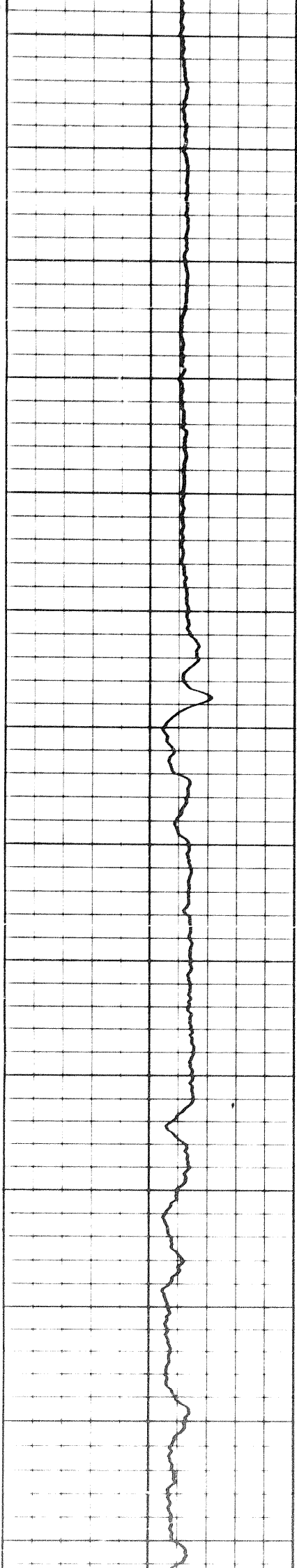
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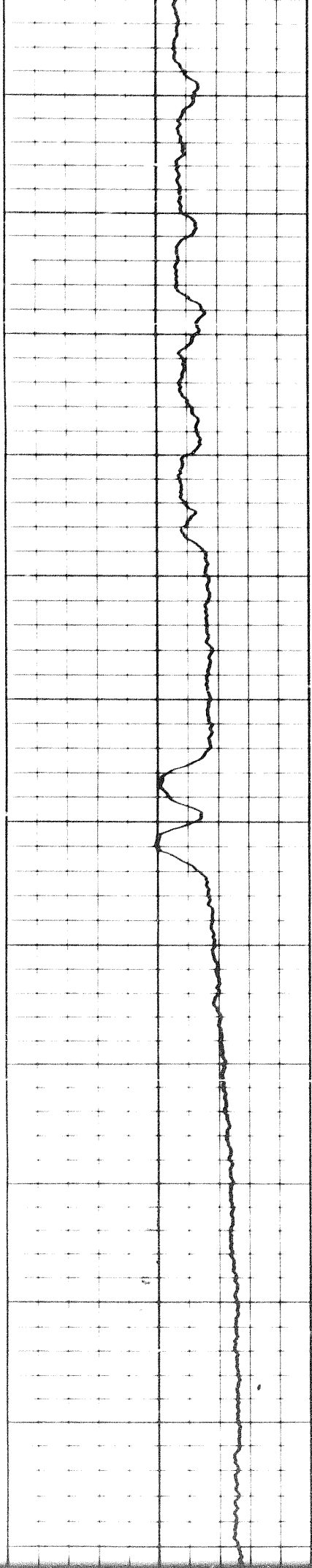
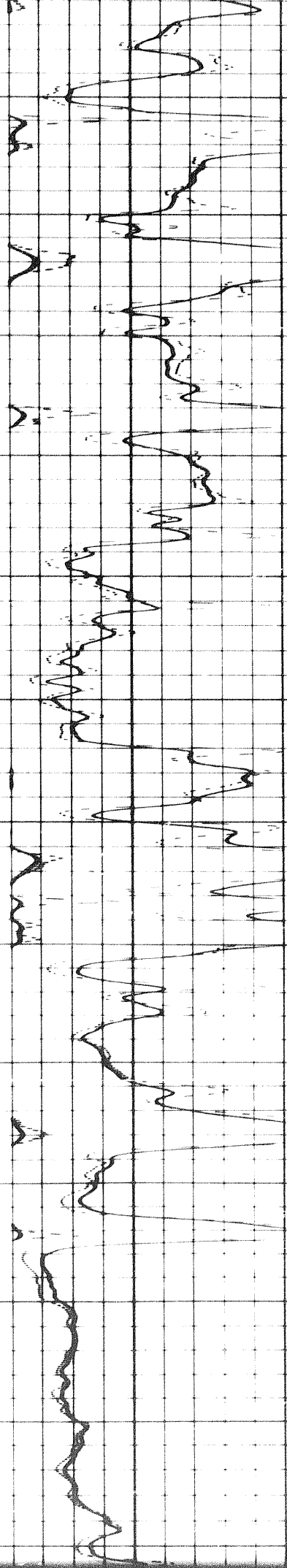
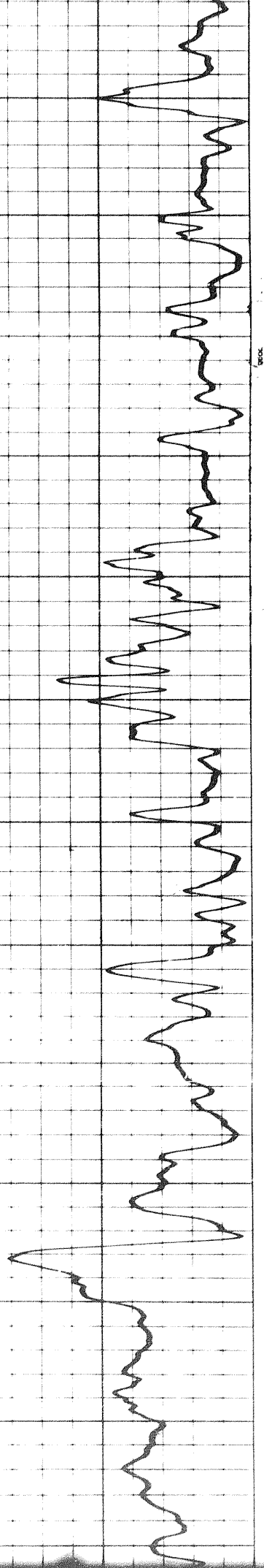
2200

2300

2400

2500





2500

2600

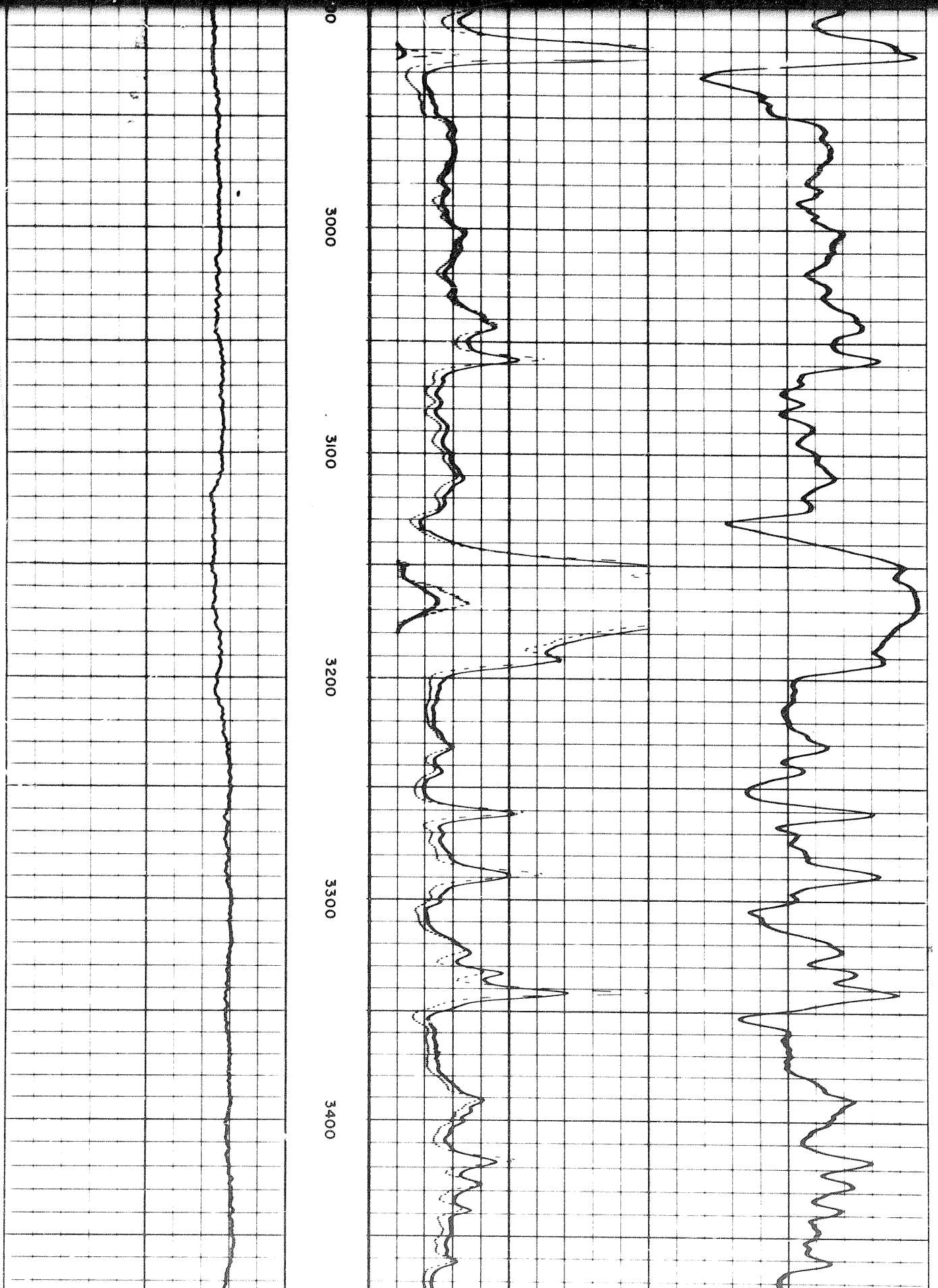
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2800

2900

3000

352



0000

3000

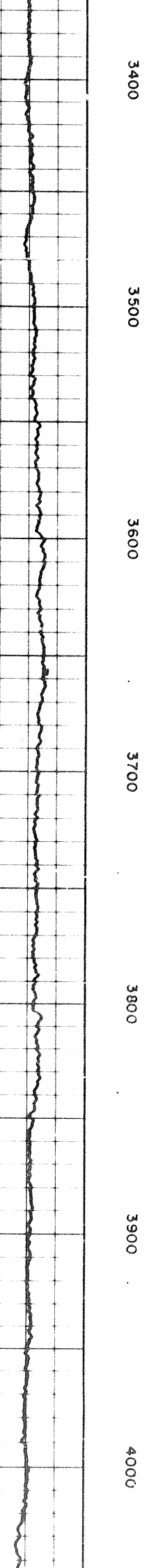
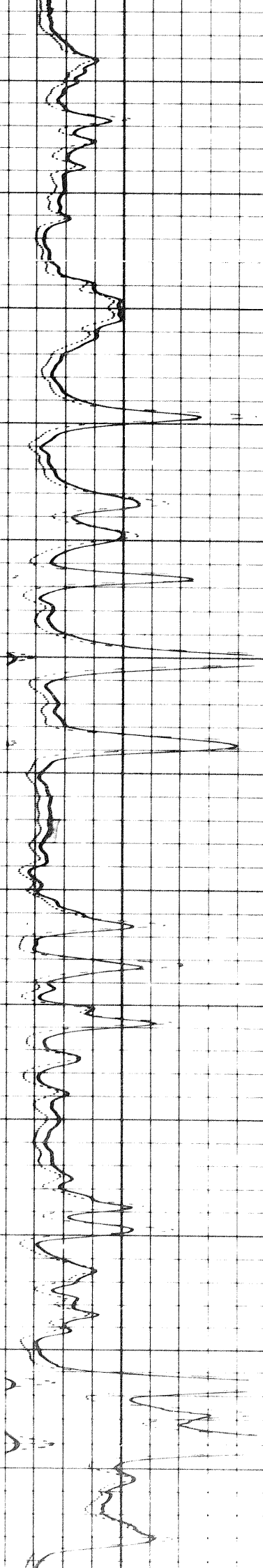
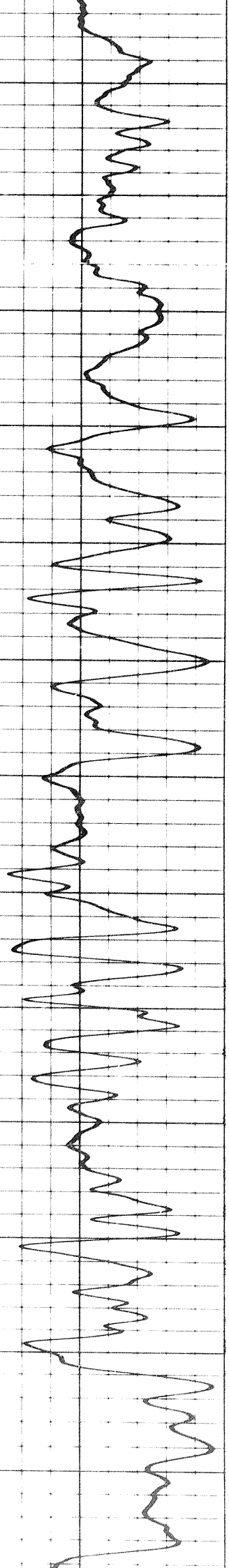
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3100

3200

3300

3400



3400

3500

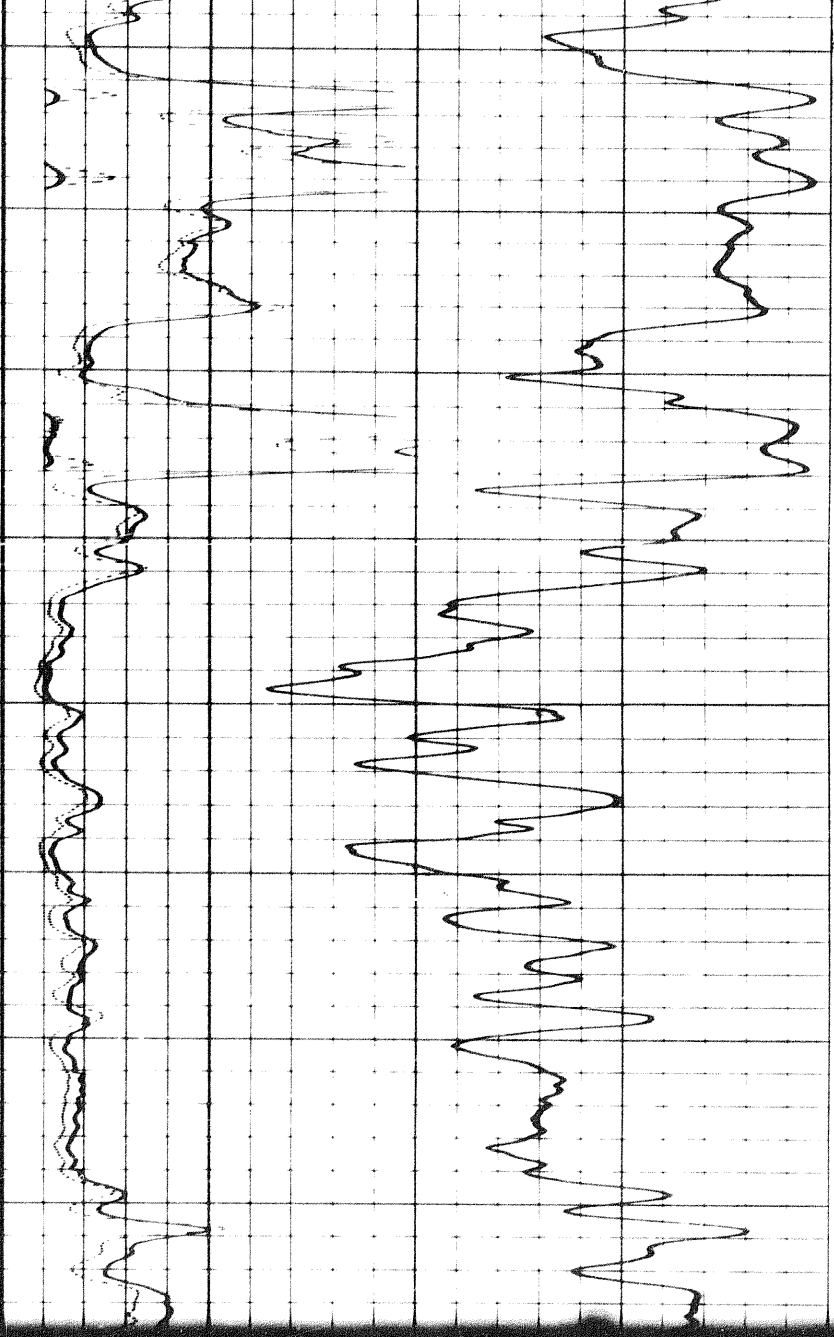
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3700

3800

3900

4000

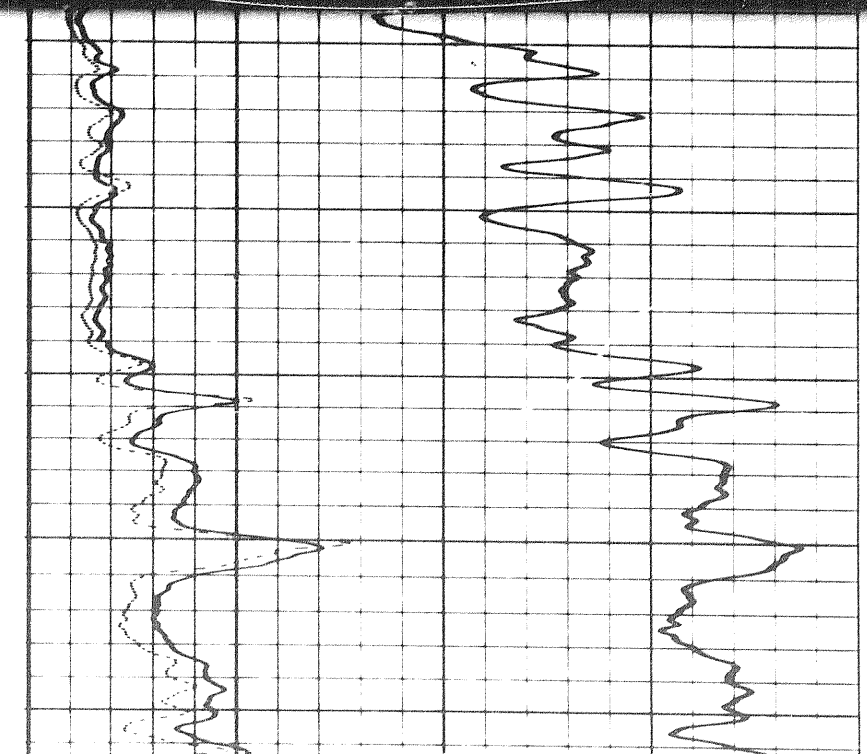


4000

4100

4200

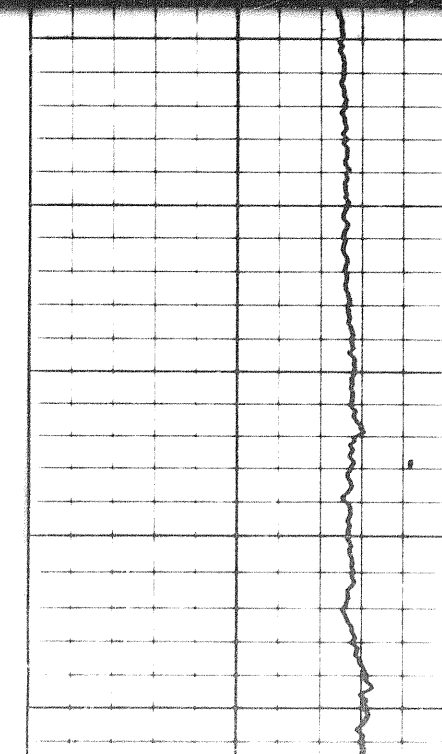
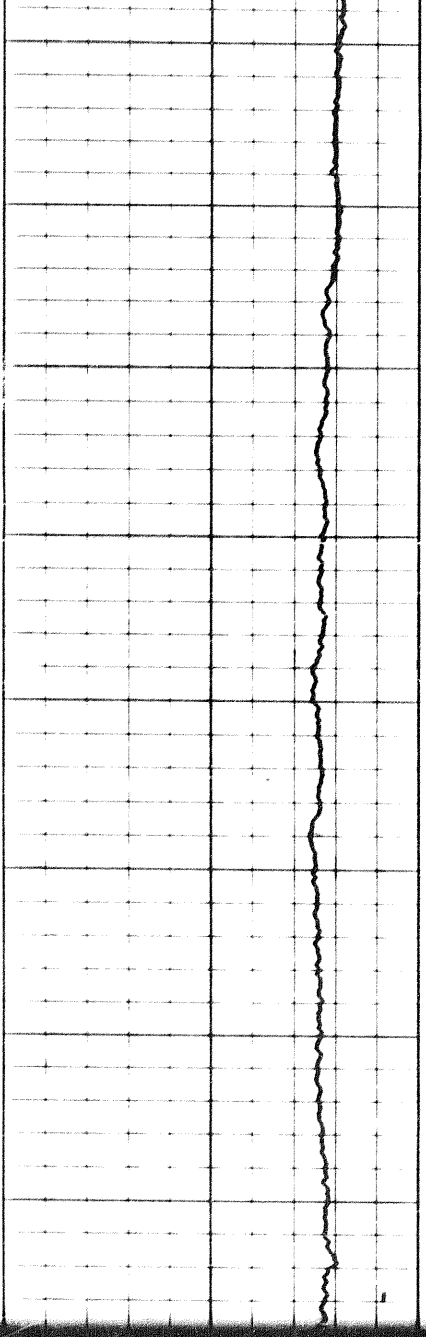
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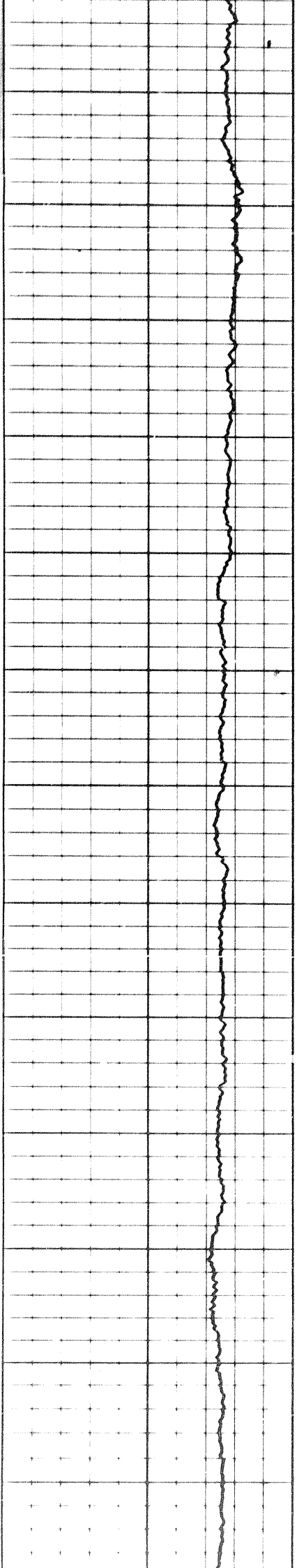
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4400



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4400

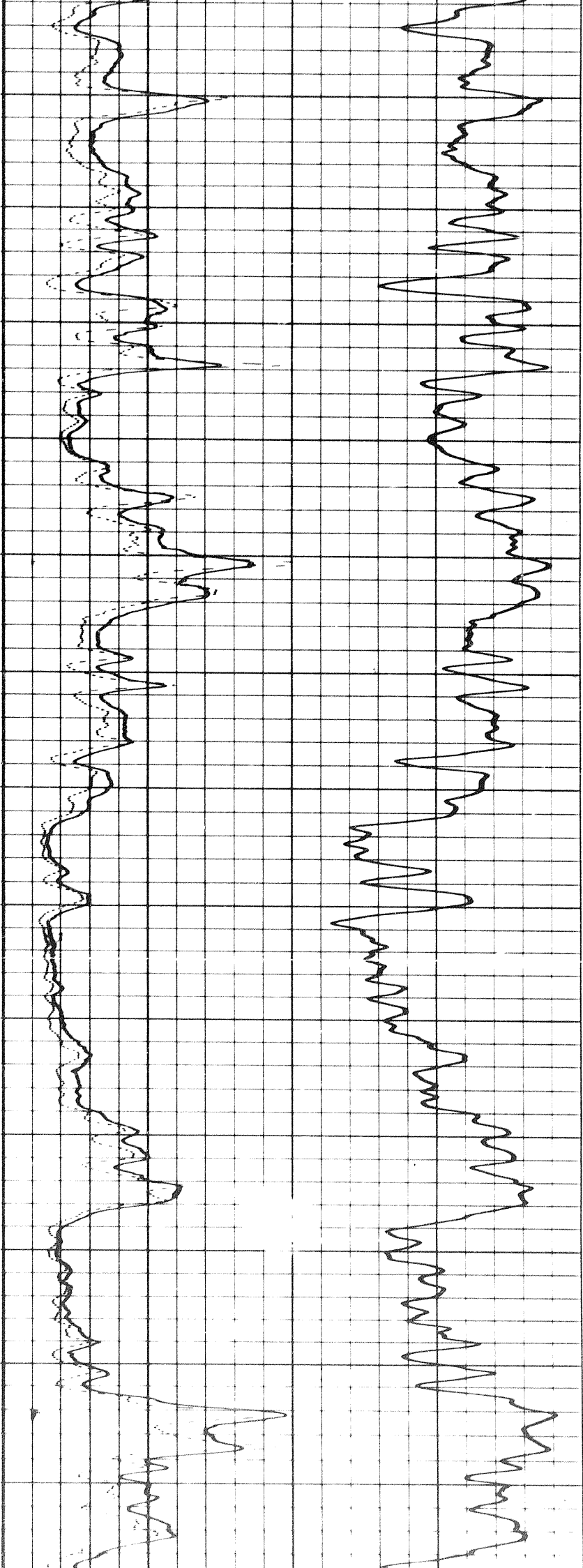
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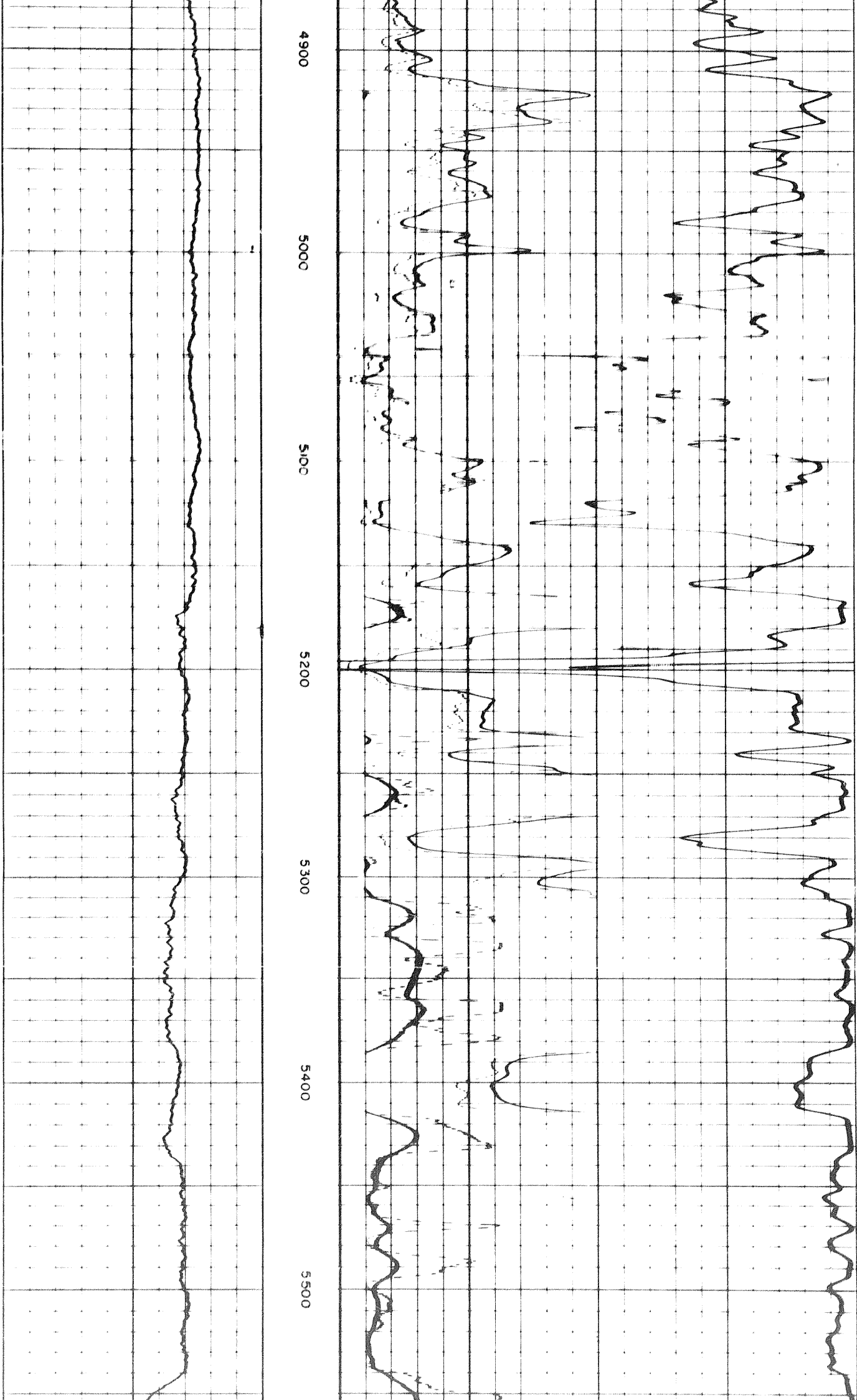
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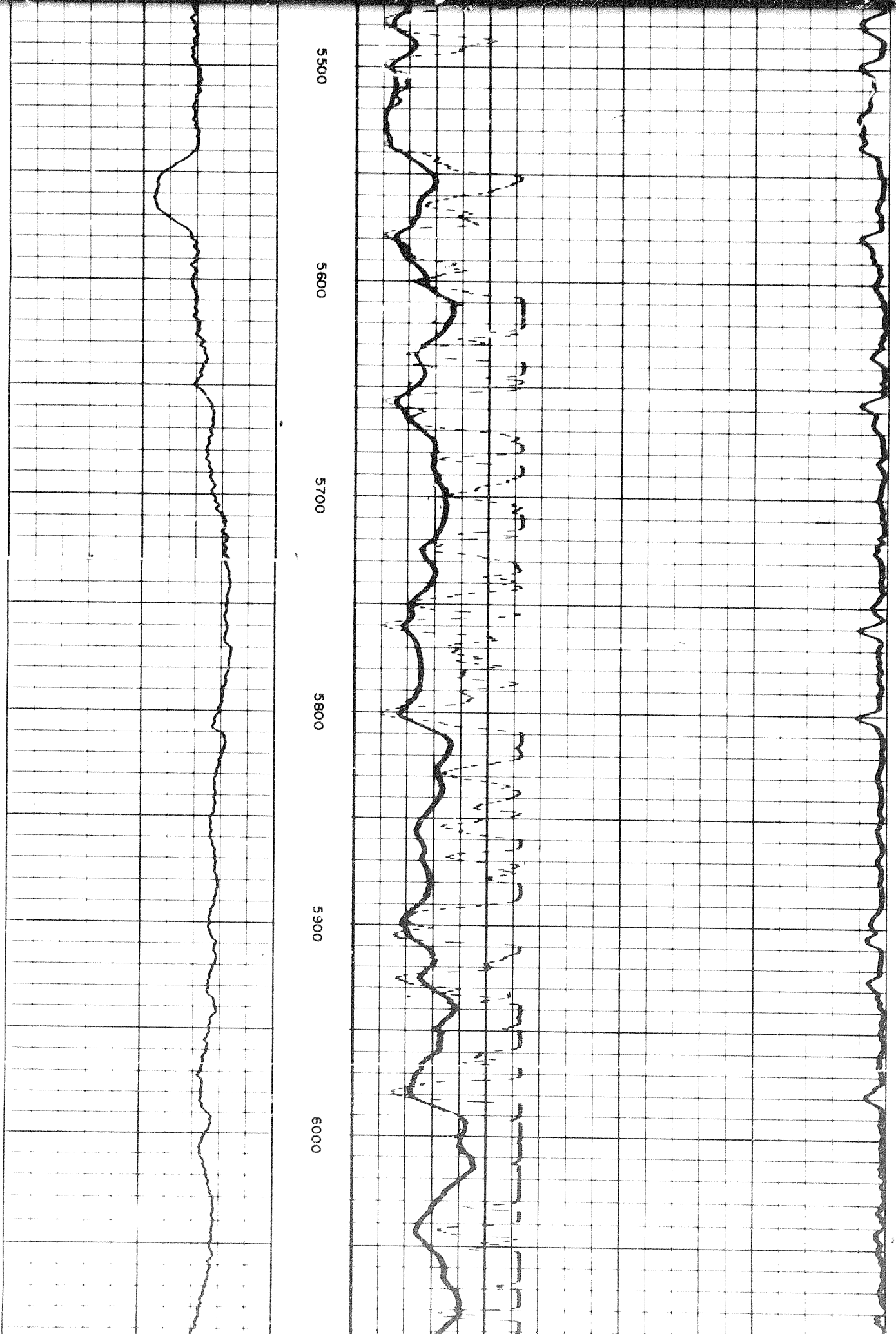
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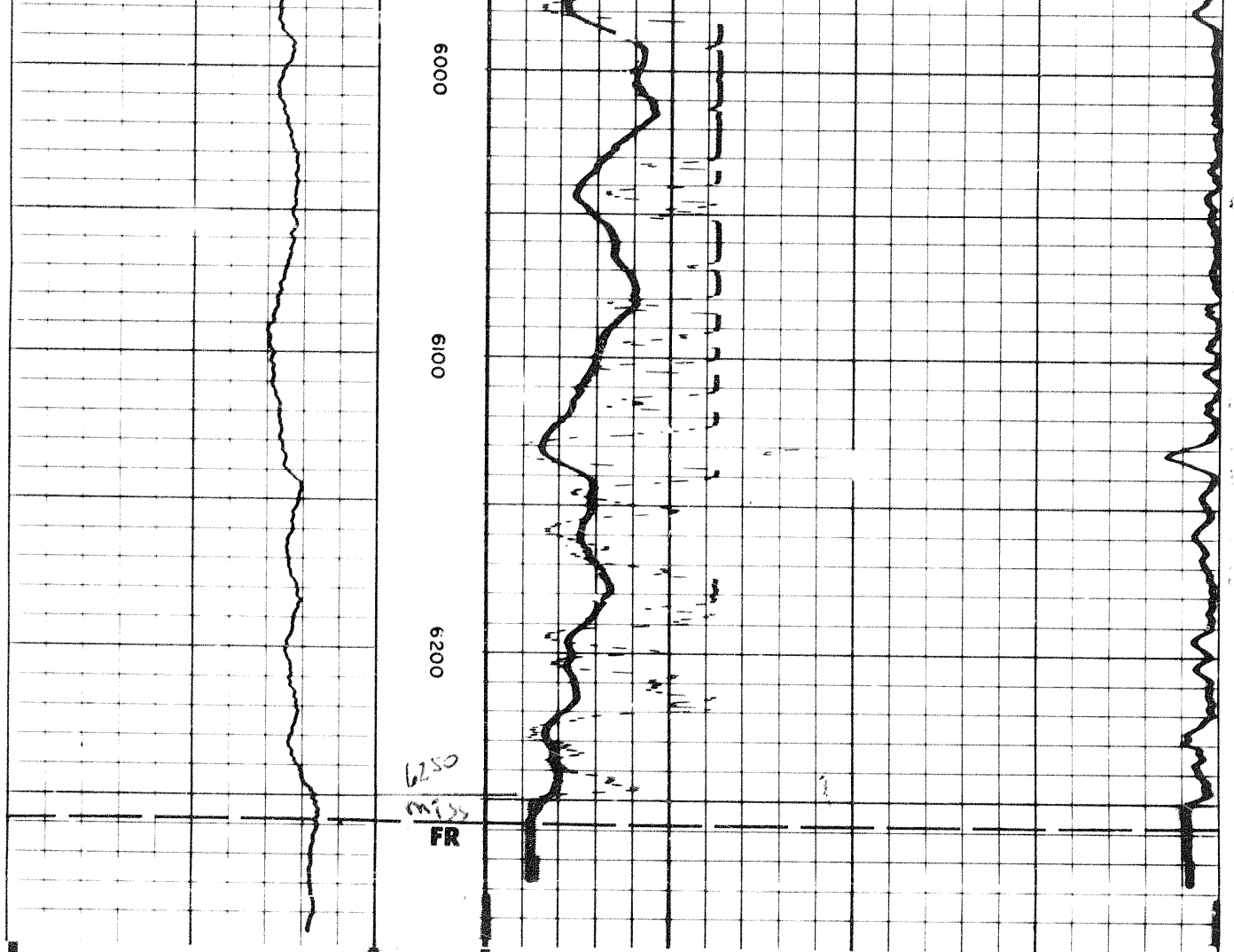




5-0

1





0	100
0	1000
0	100
0	1000

RESISTIVITY
- ohms m²/m

200	INDUCTION	100	0
		300	200

20
↔

SPONTANEOUS-POTENTIAL
millivolts

DEPTH

CONDUCTIVITY
millimhos / m = $\frac{1000}{\text{ohms m}^2/\text{m}}$

DETAIL LOG
5 - 100

SPONTANEOUS-POTENTIAL
millivolts

DEPTH

CONDUCTIVITY
millimhos / m = $\frac{1000}{\text{ohms m}^2/\text{m}}$

20
↔

200	INDUCTION	100	0
		300	200

SPONTANEOUS-POTENTIAL
millivoits

DEPTHS

CONDUCTIVITY
millimhos / m = $\frac{1000}{\text{ohms m}^2/\text{m}}$

20
↔

200

INDUCTION
100

0

300

200

RESISTIVITY
- ohms m²/m

16" NORMAL

0

100

0

1000

INDUCTION

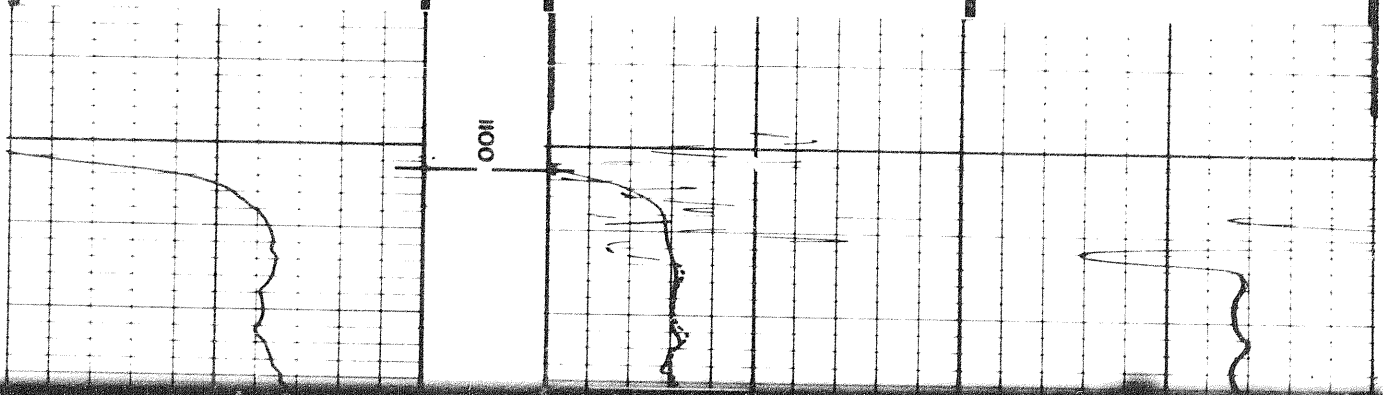
0

100

0

1000

1100



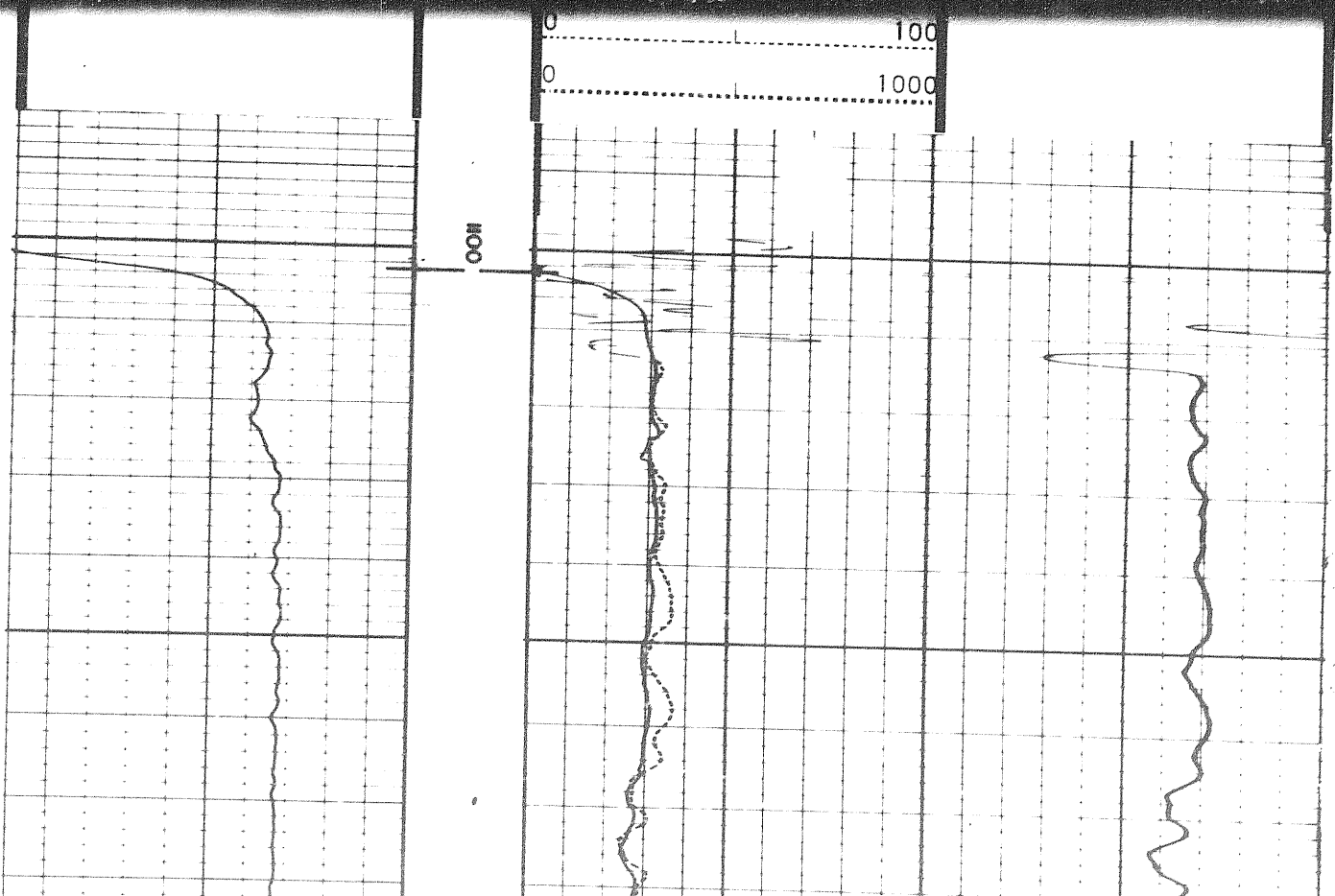
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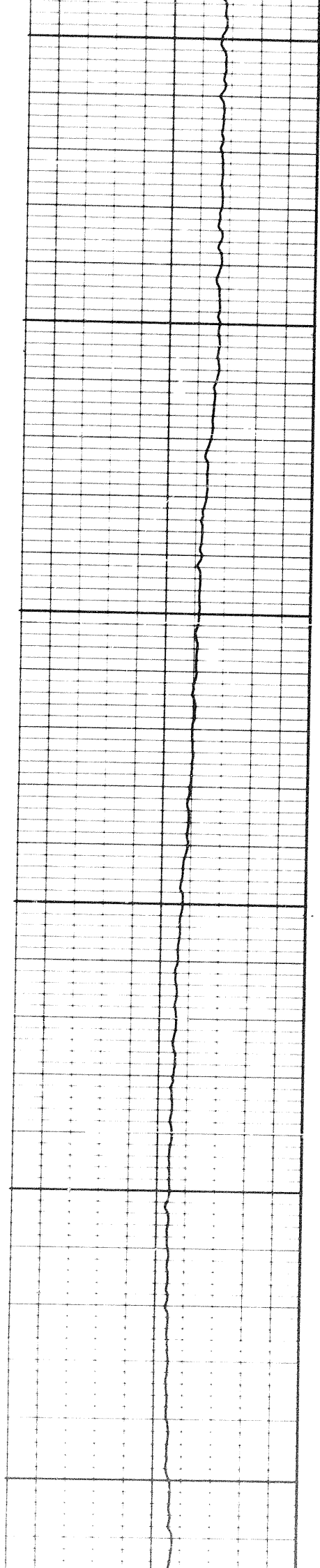
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1000

1100



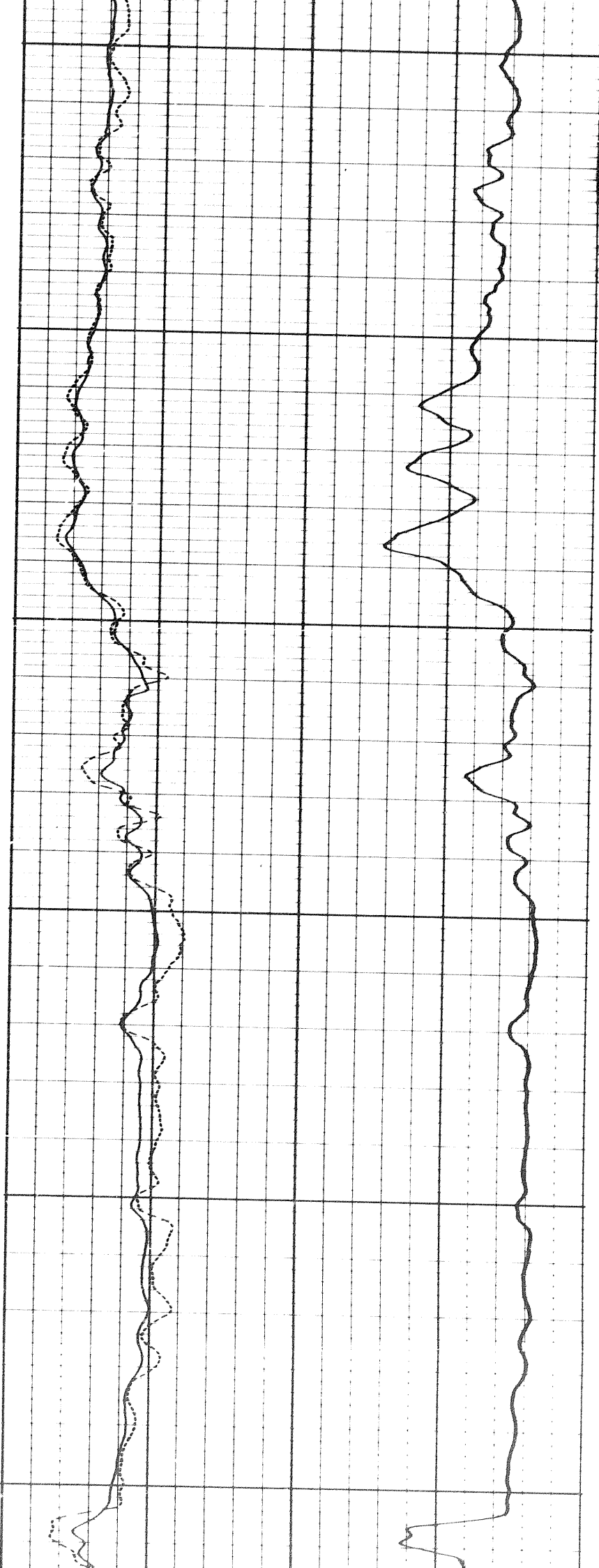
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1200

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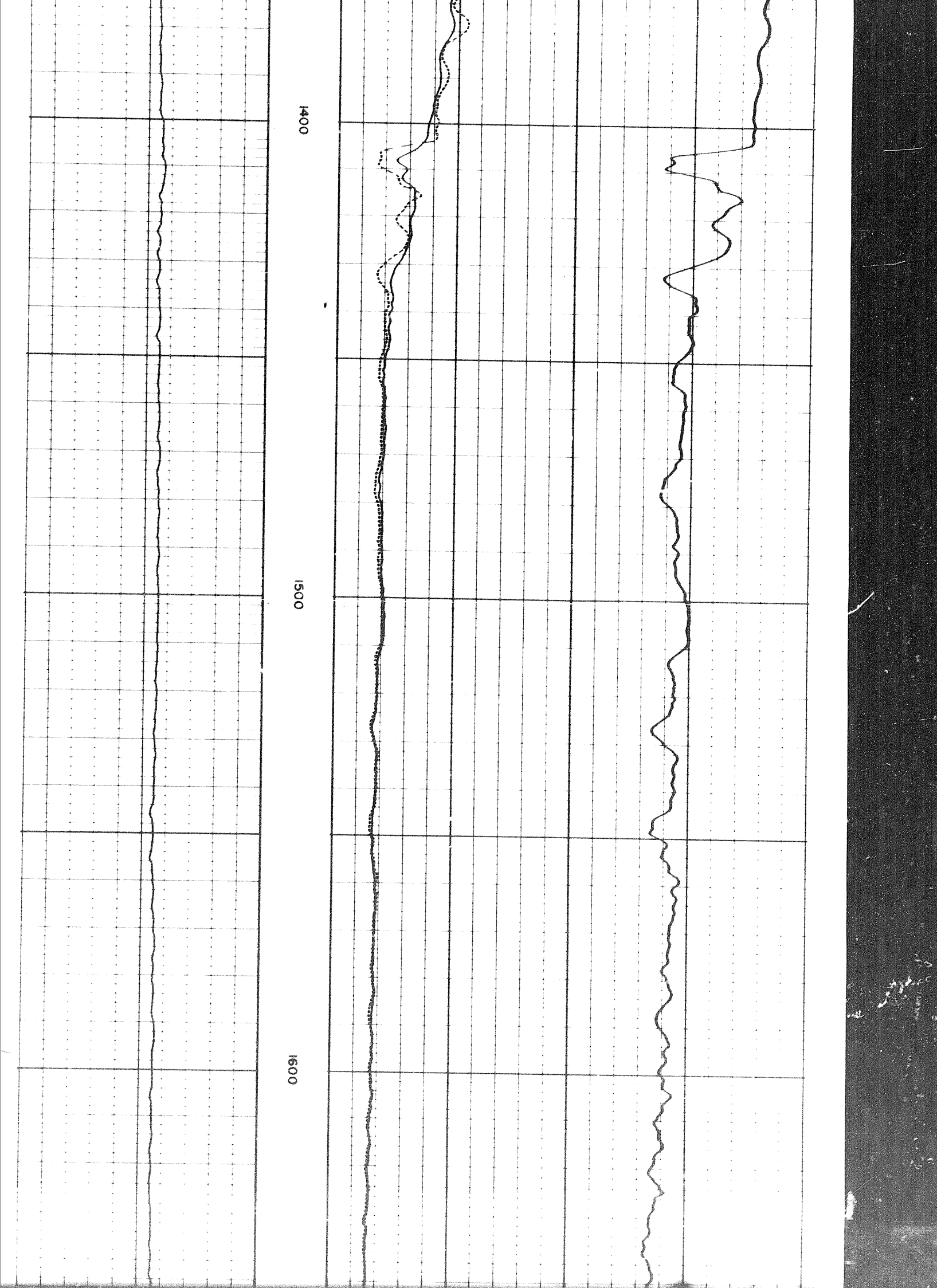
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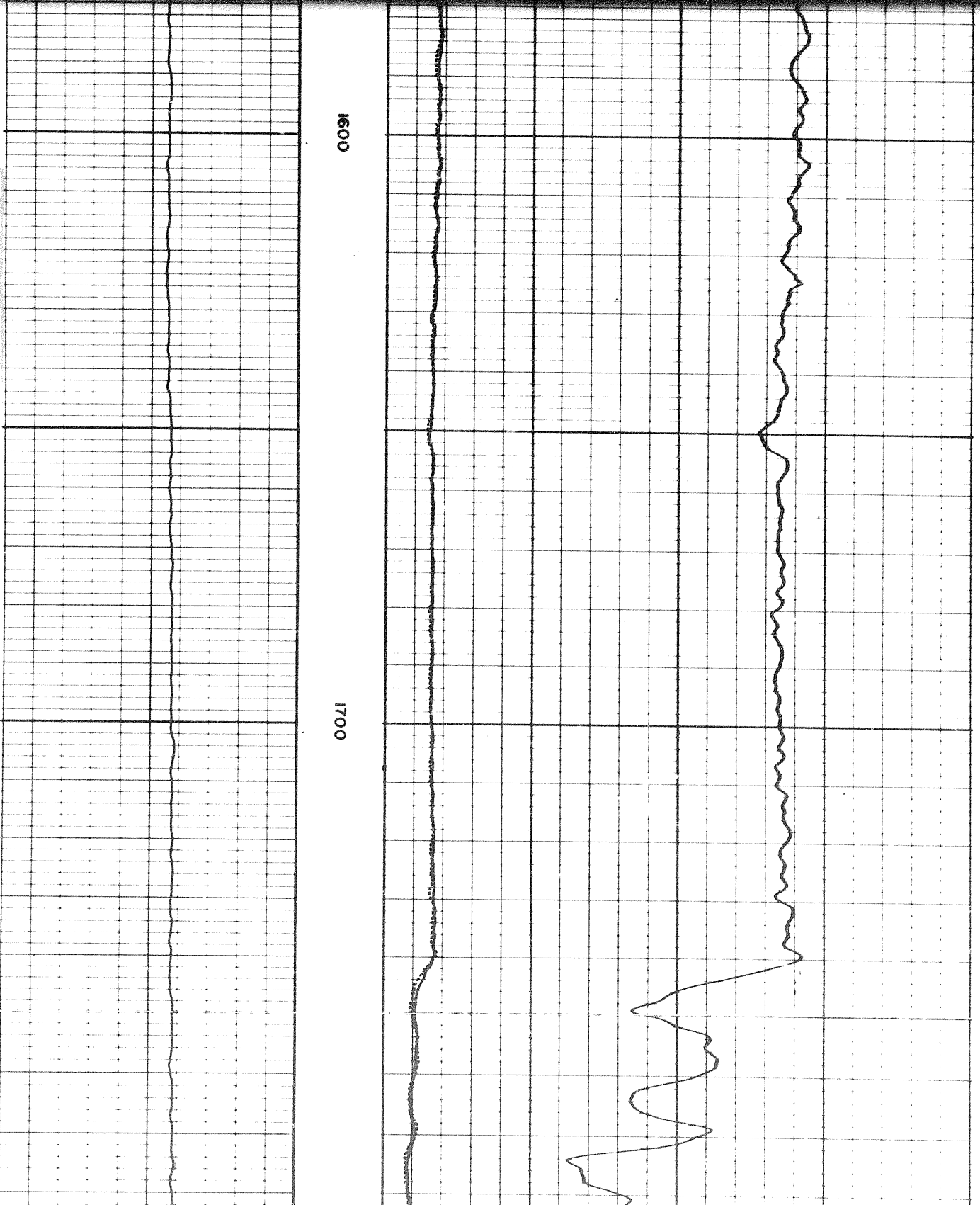


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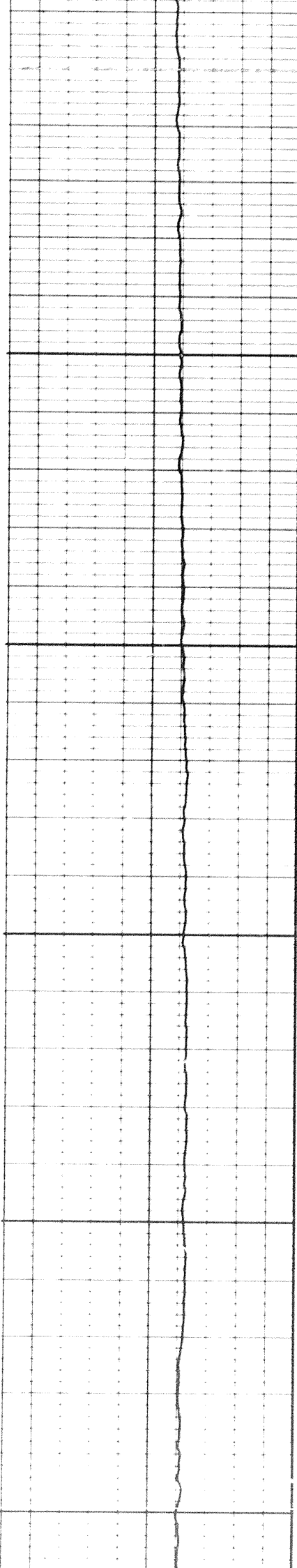
1600





1600

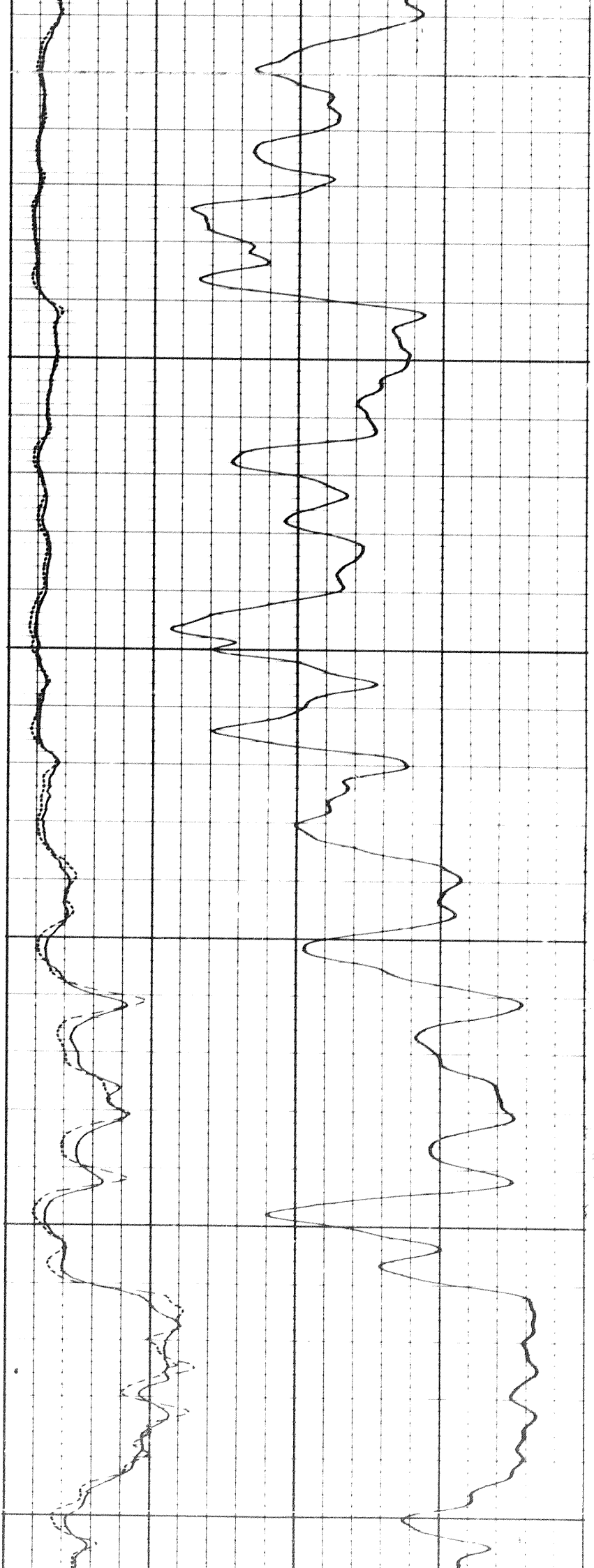
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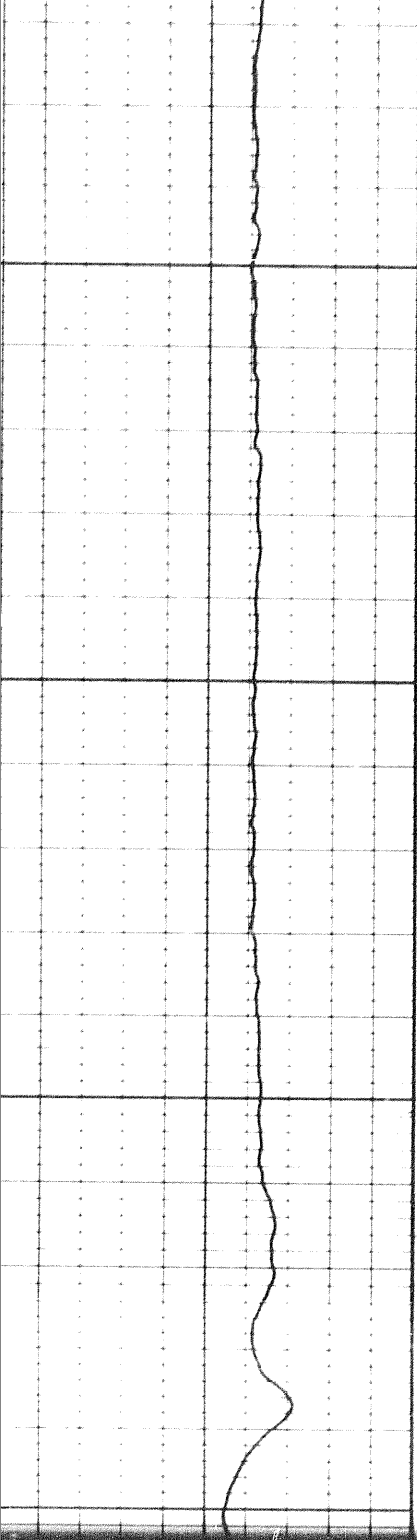


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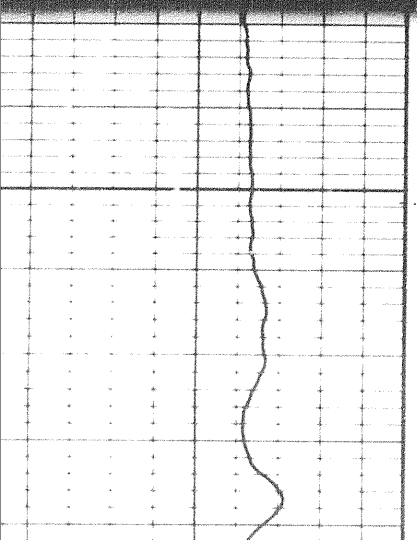
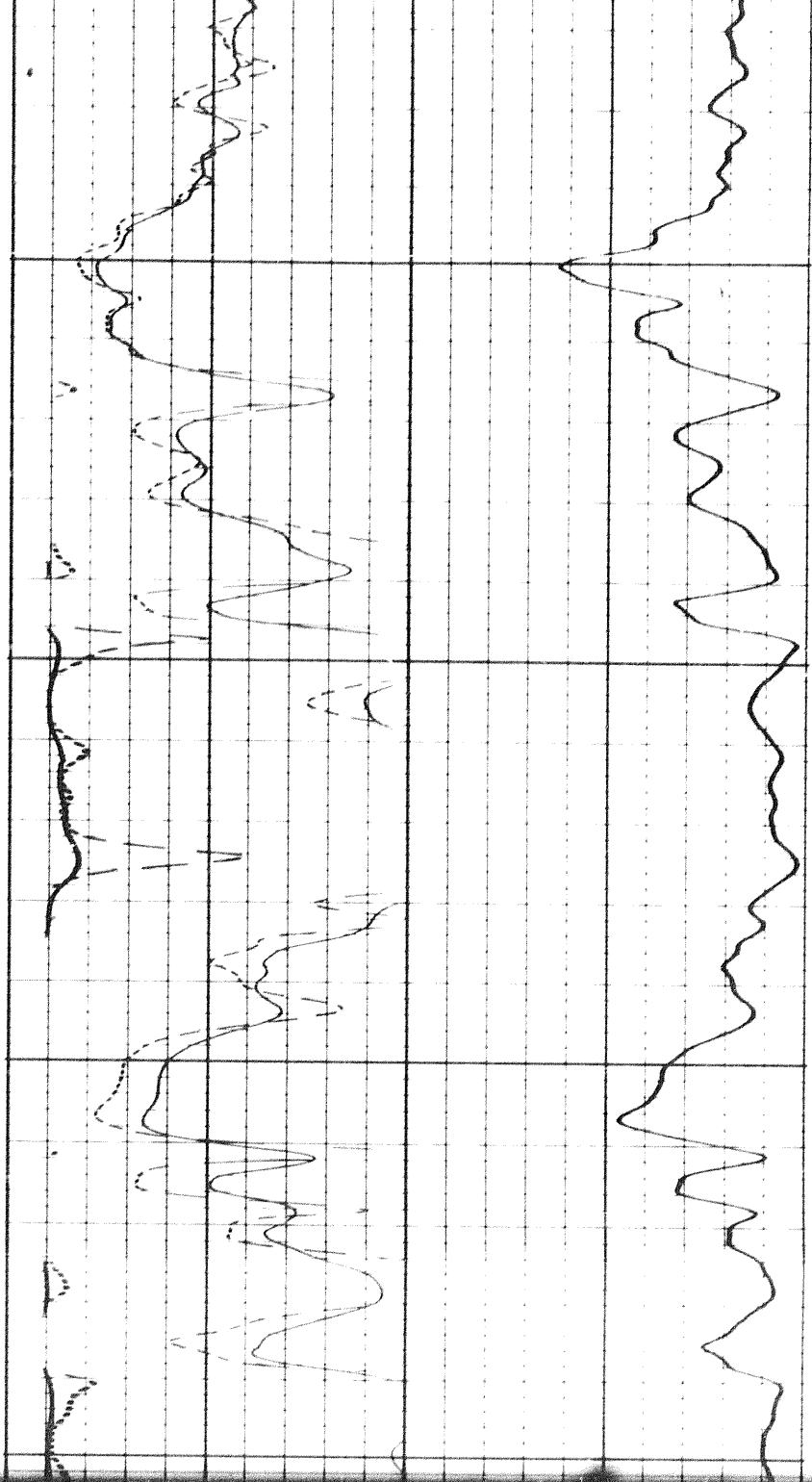
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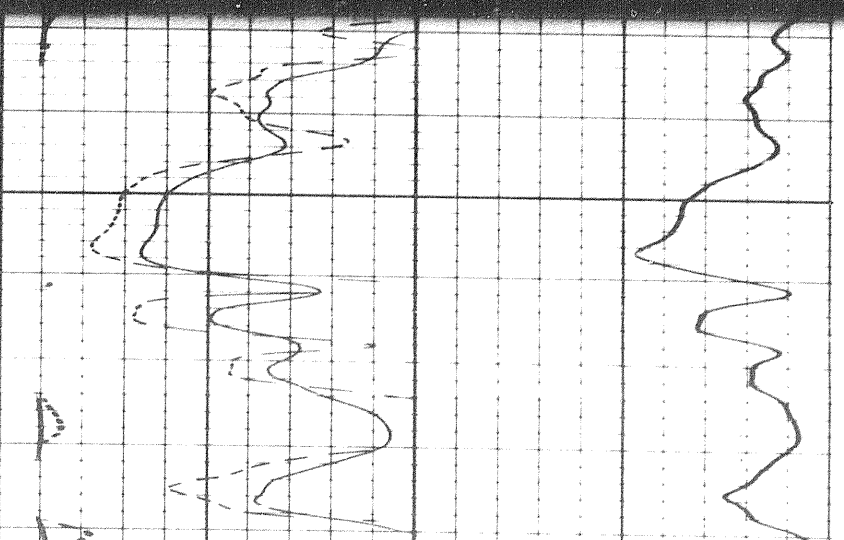




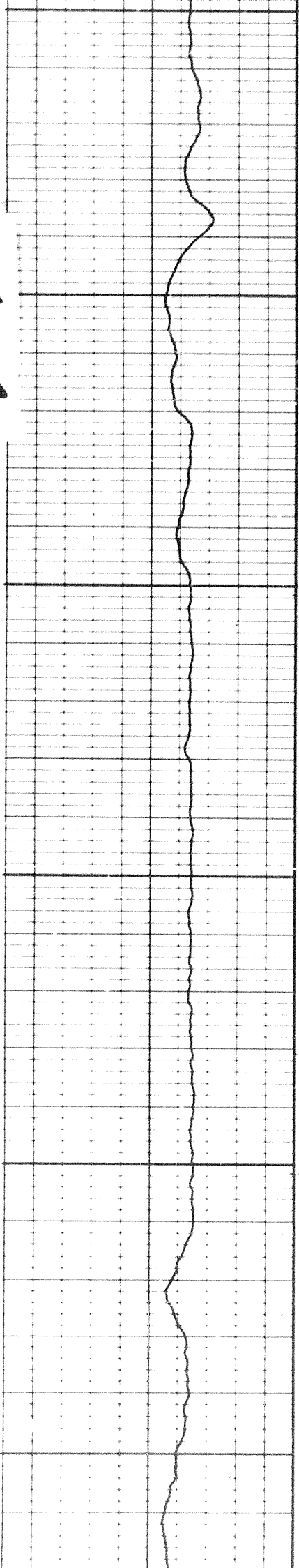
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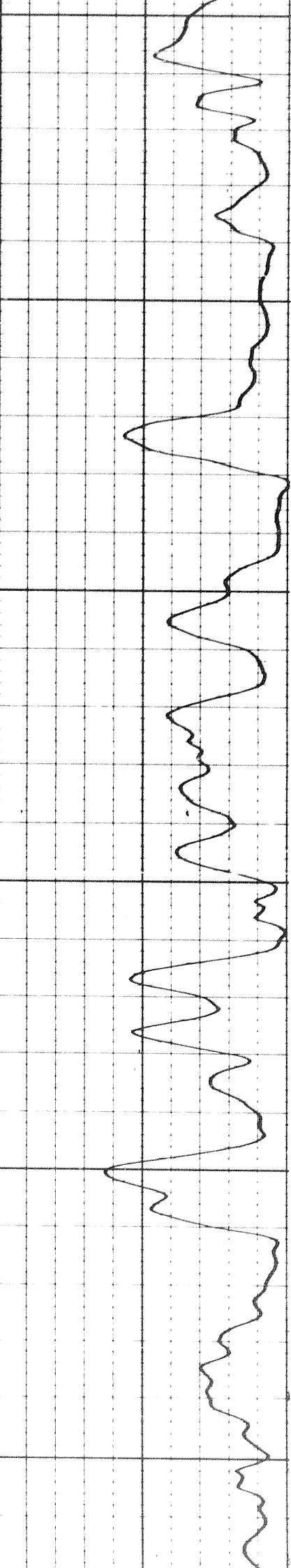
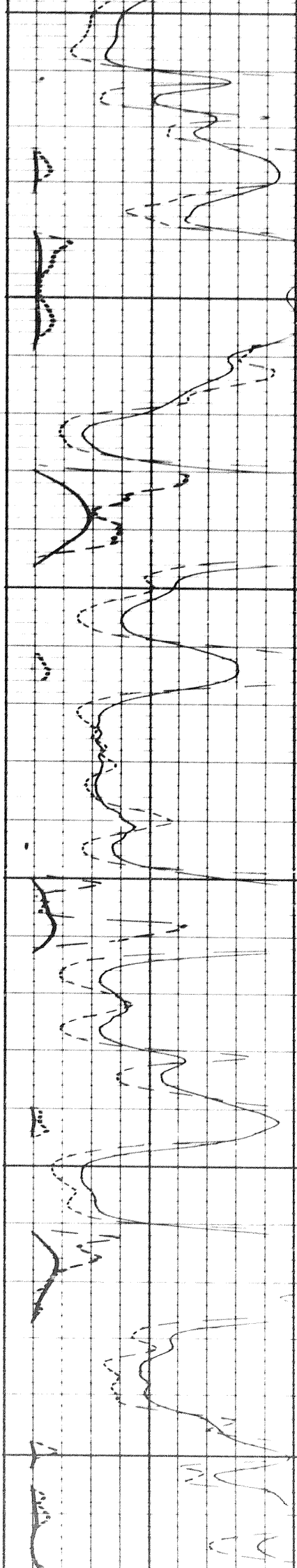
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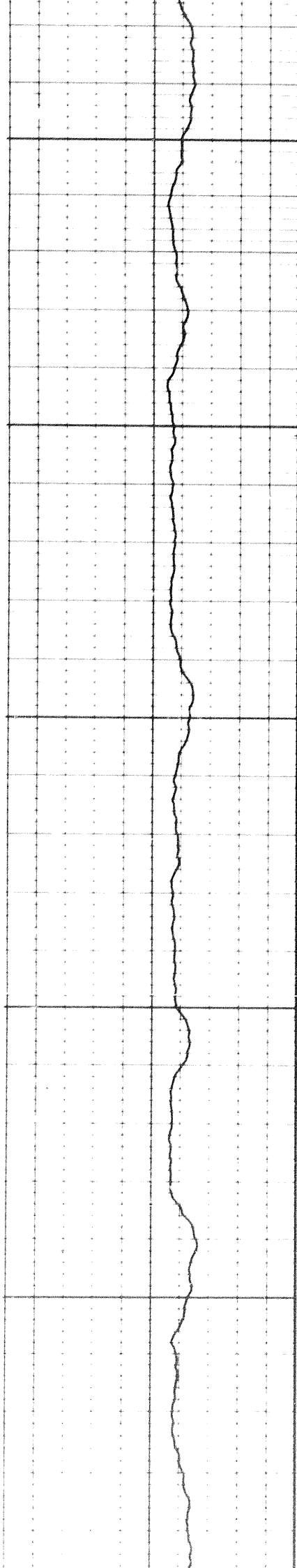


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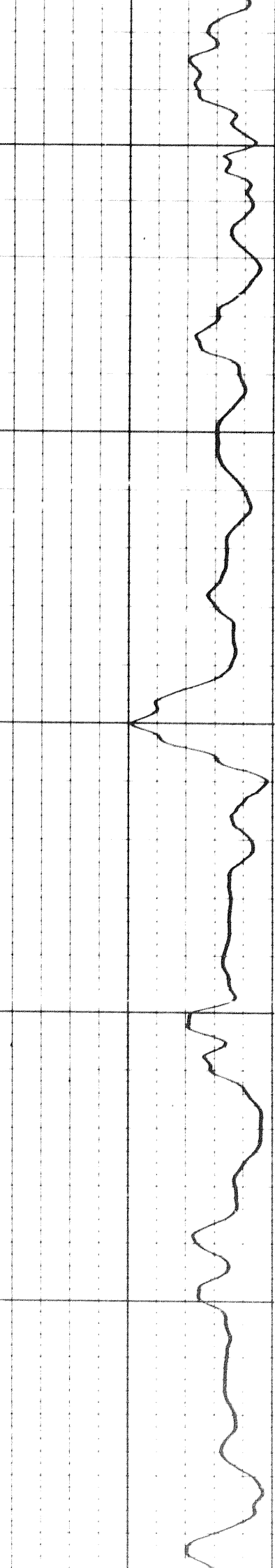
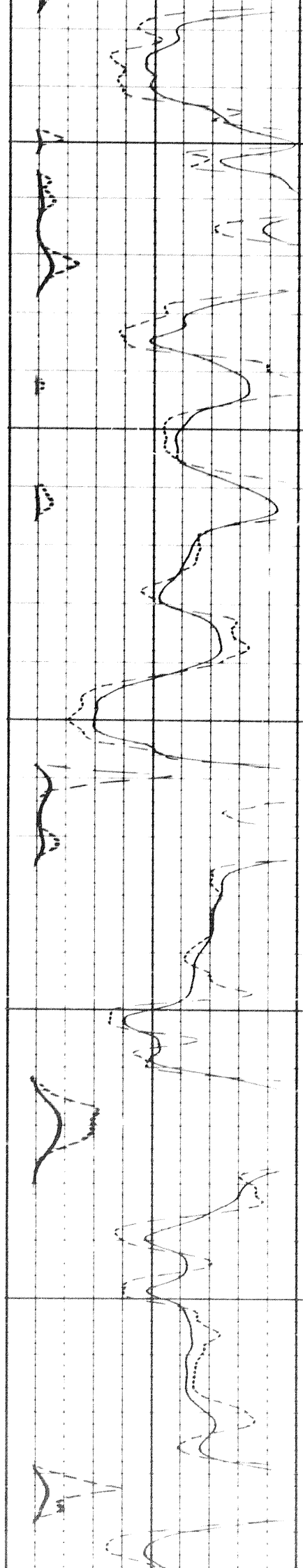
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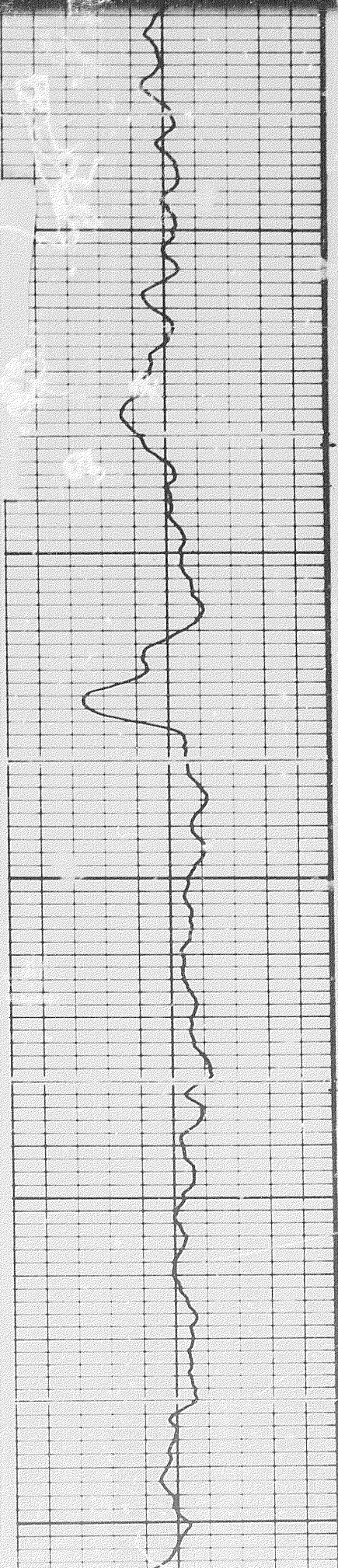


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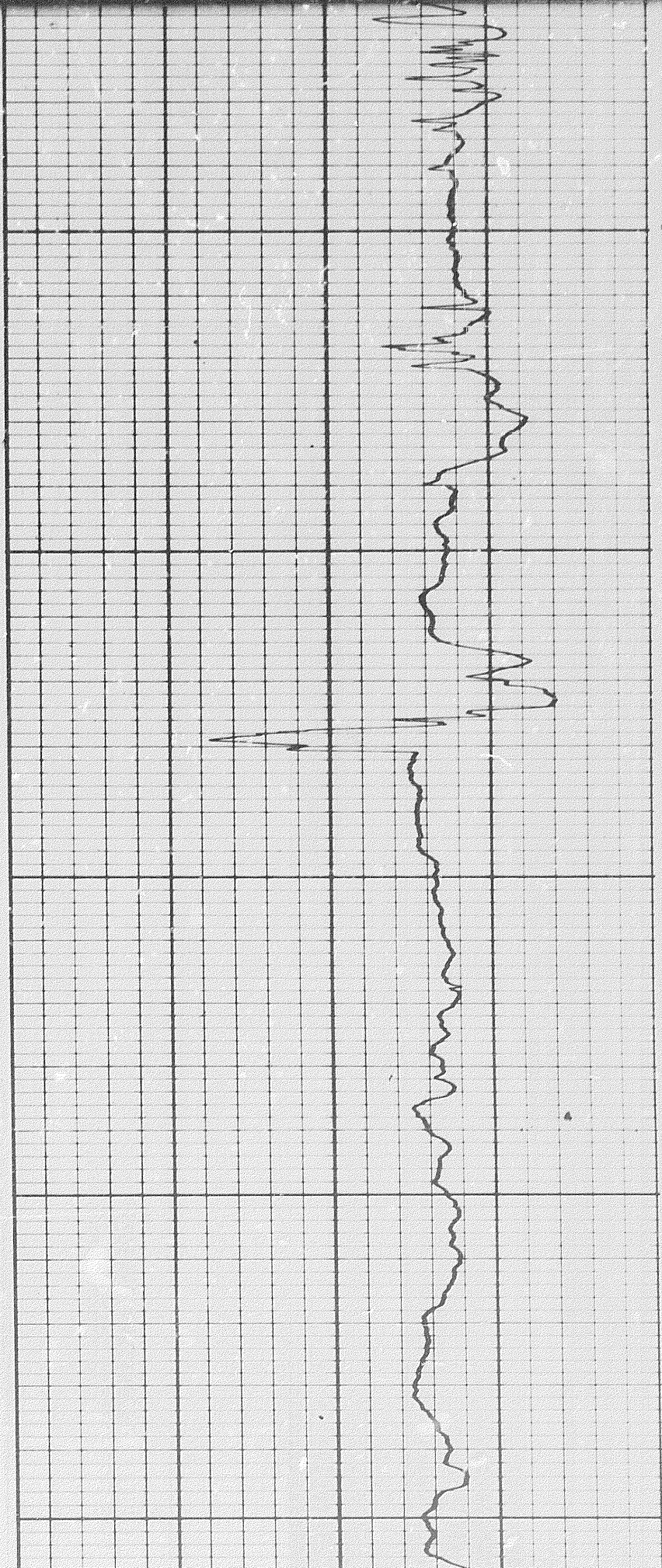


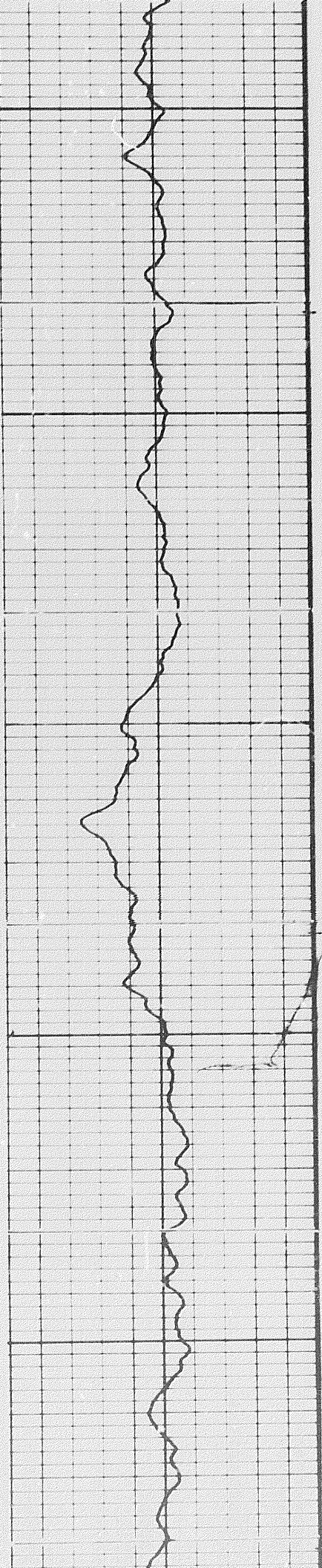
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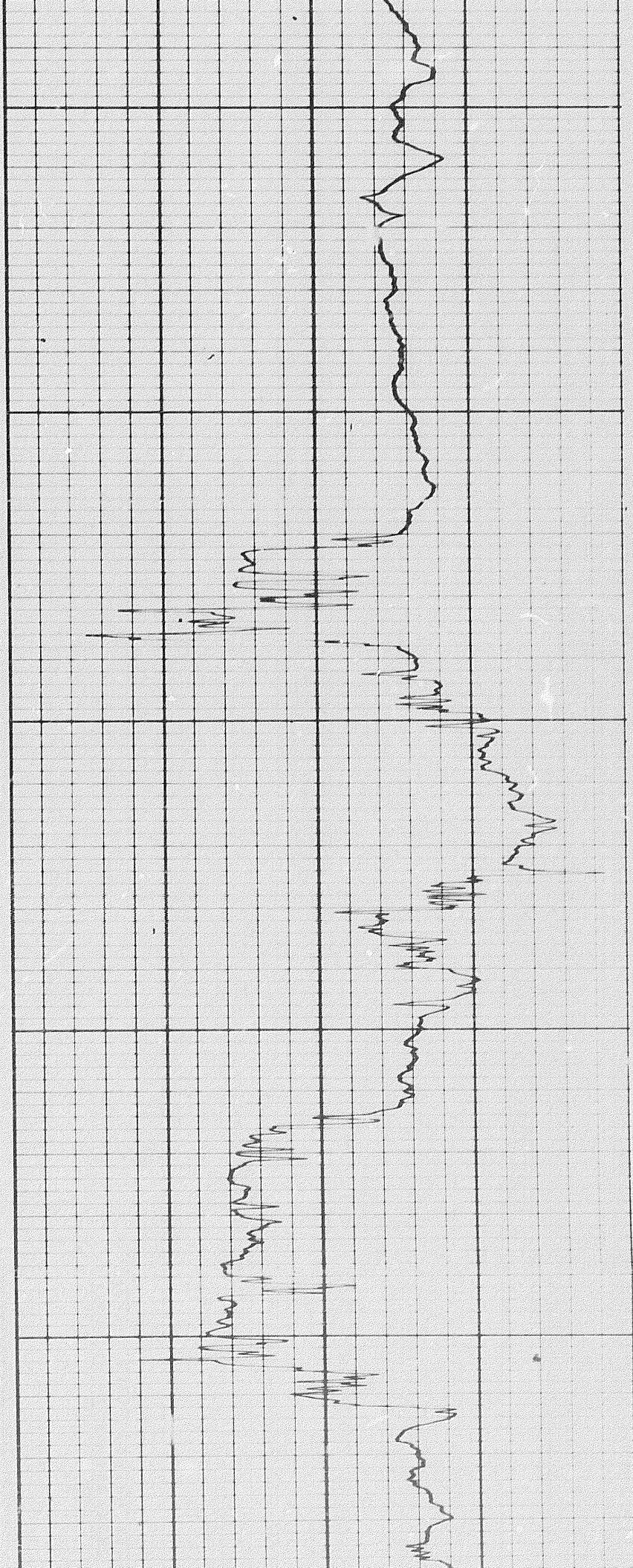
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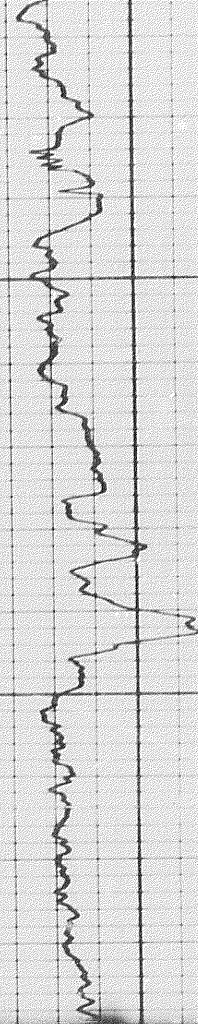




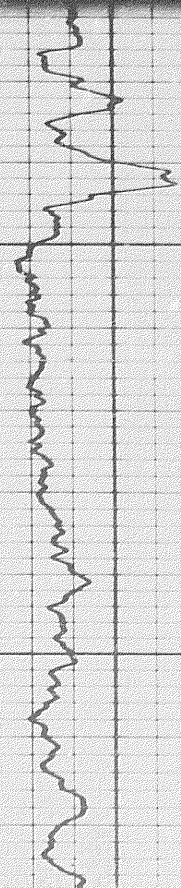
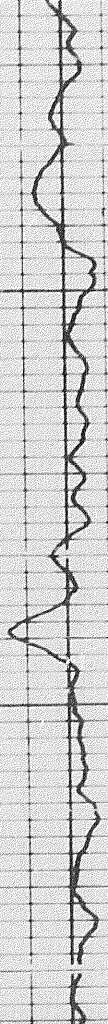
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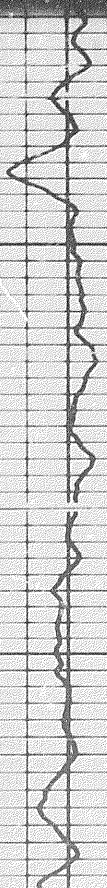




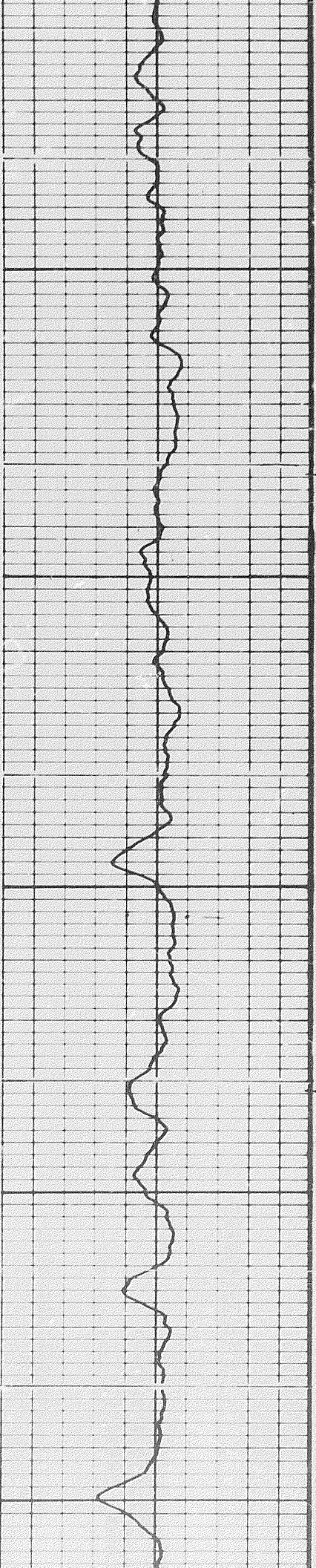
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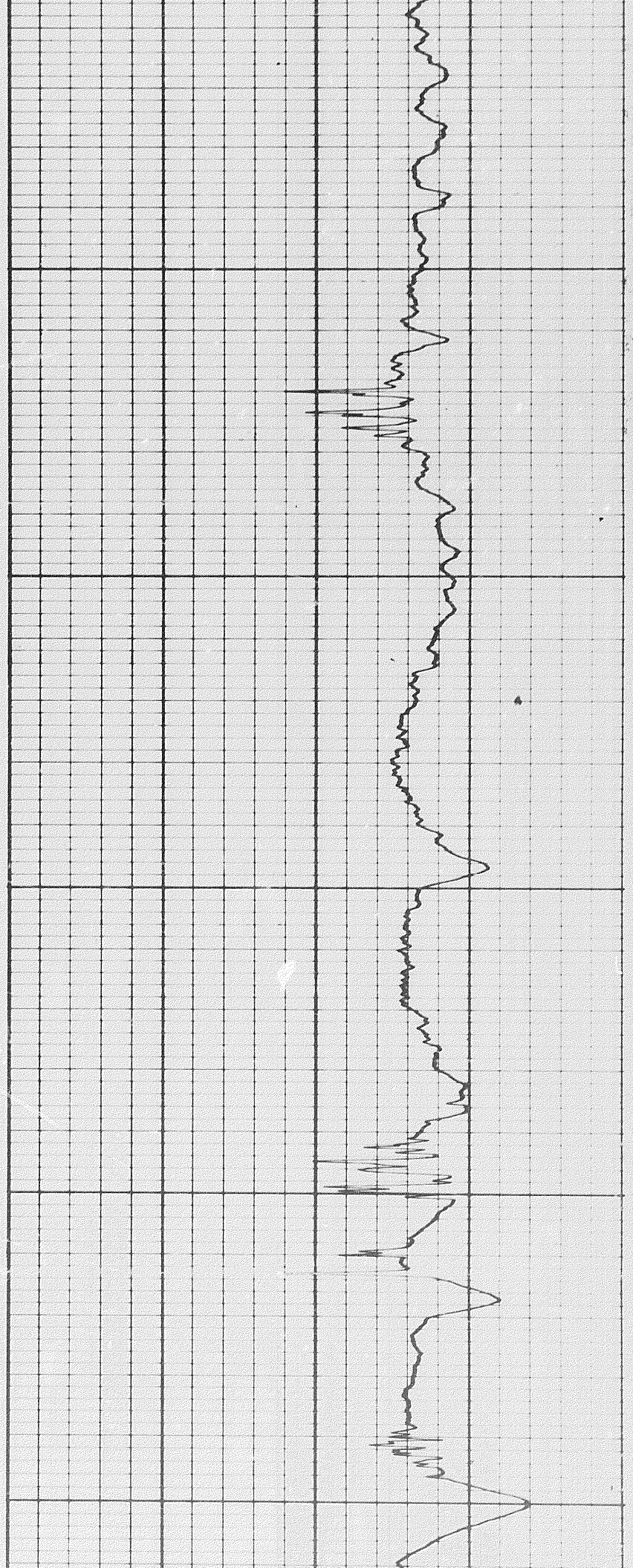


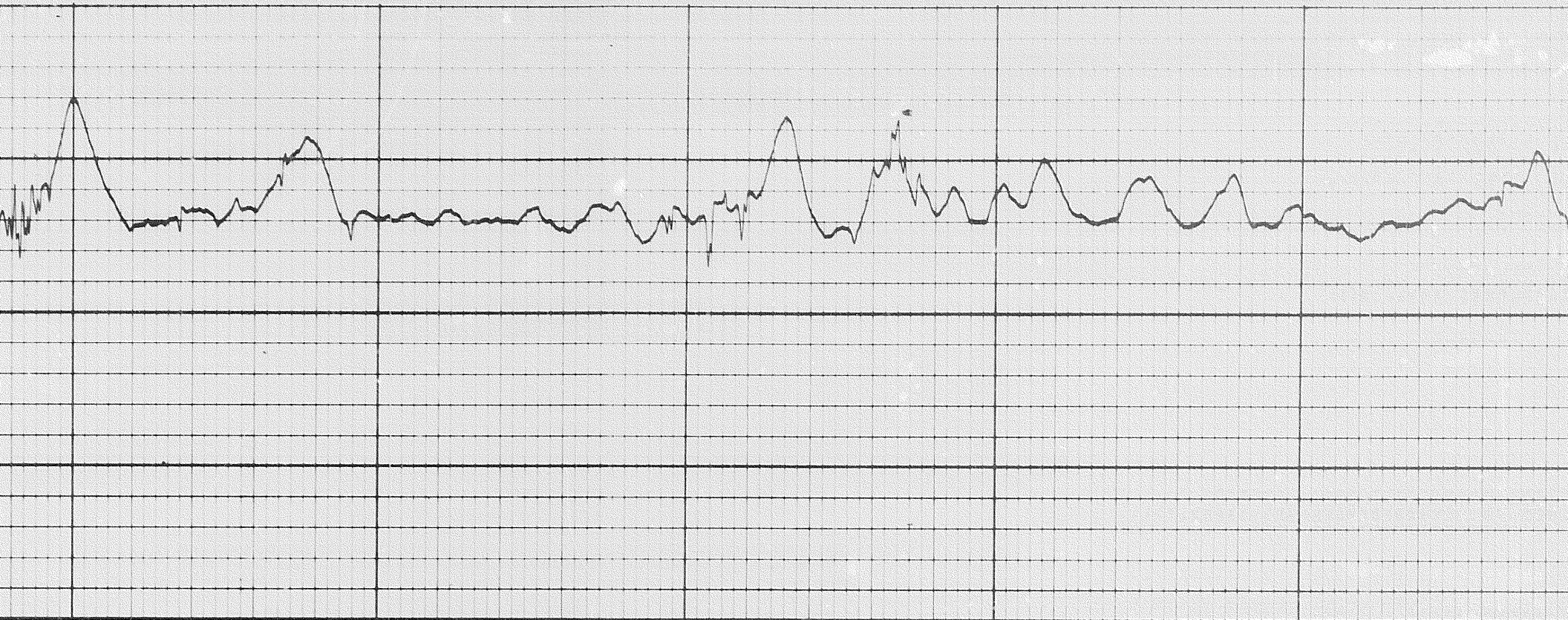
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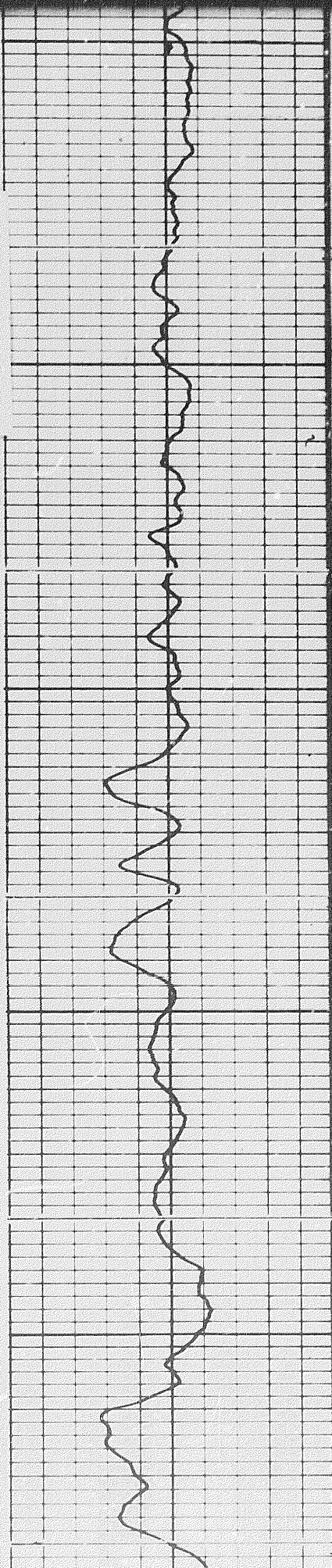


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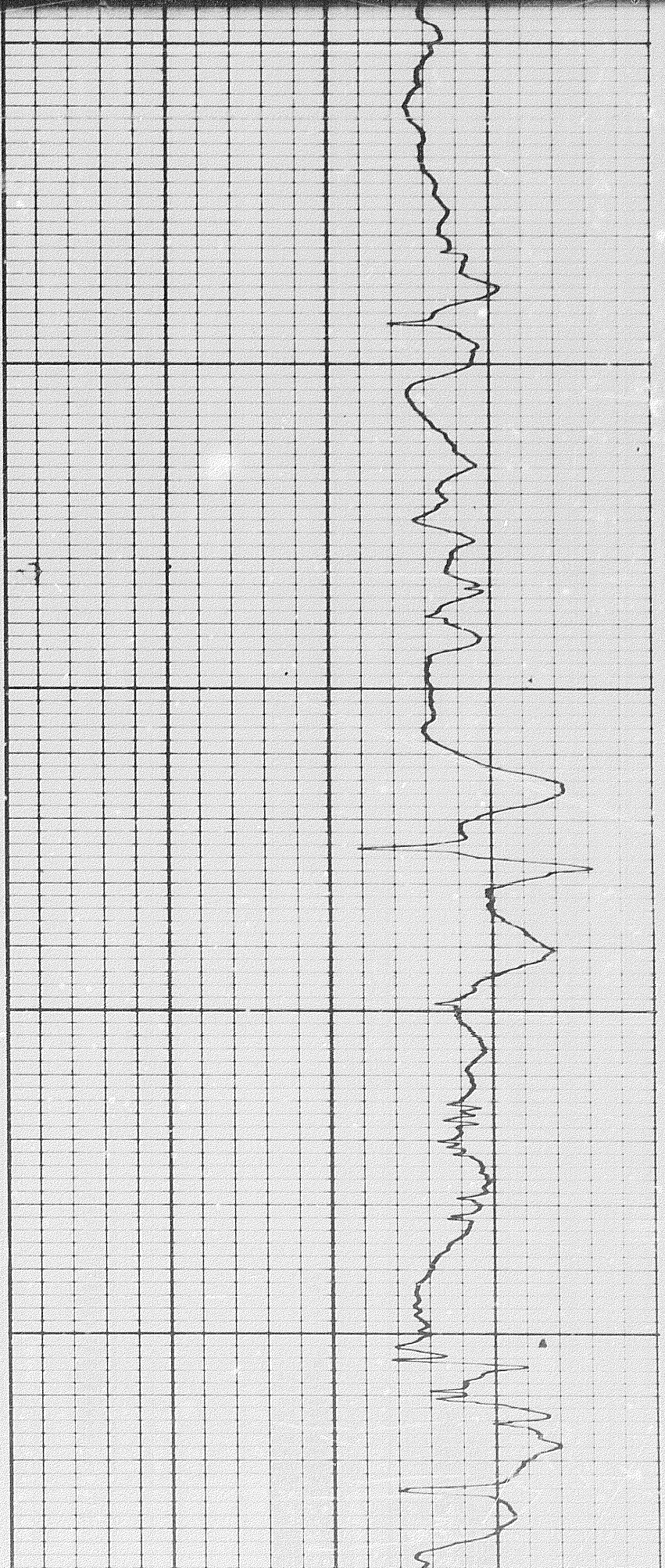


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3800

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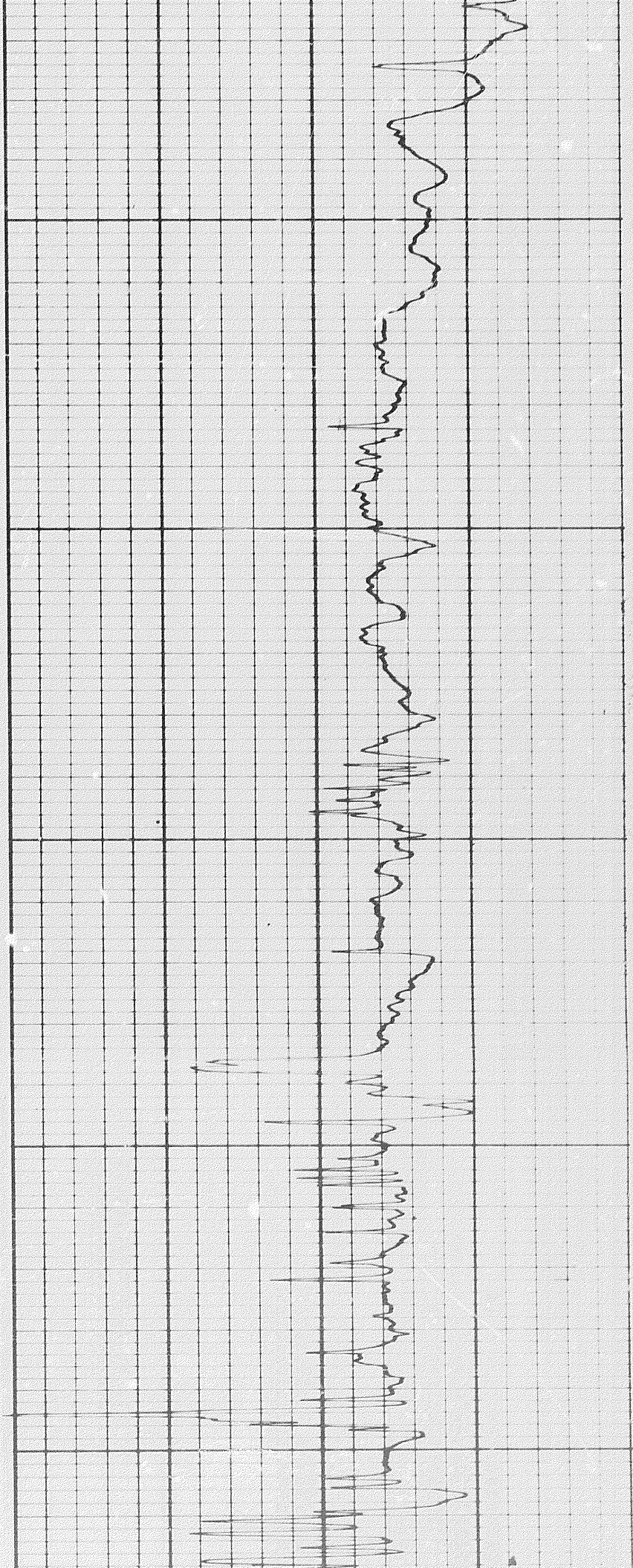




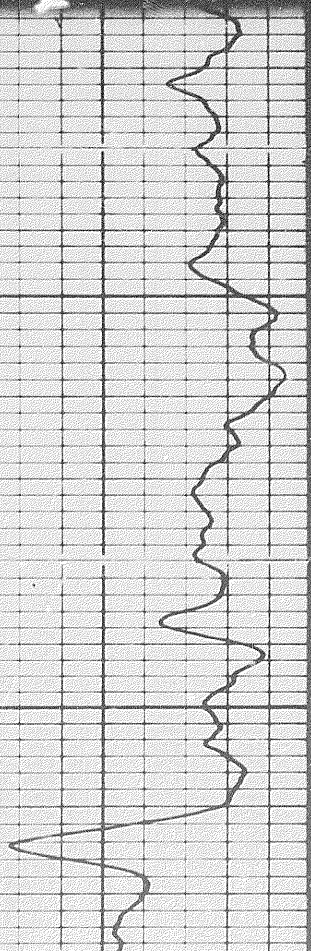
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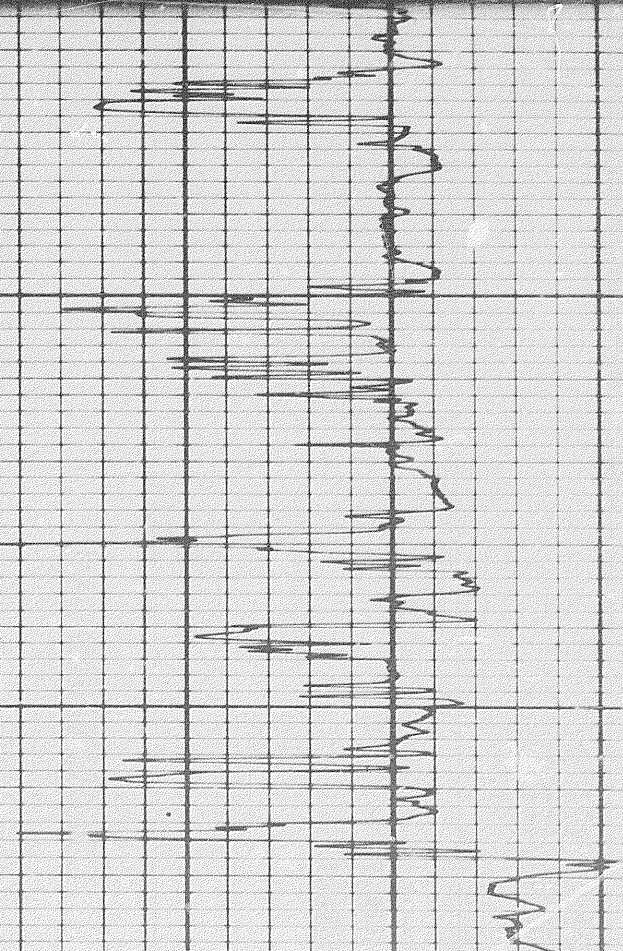
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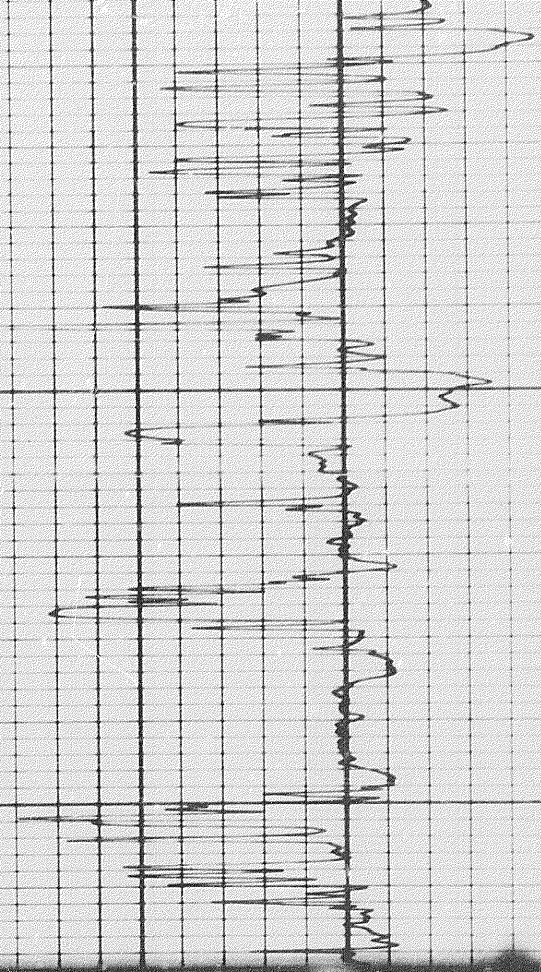
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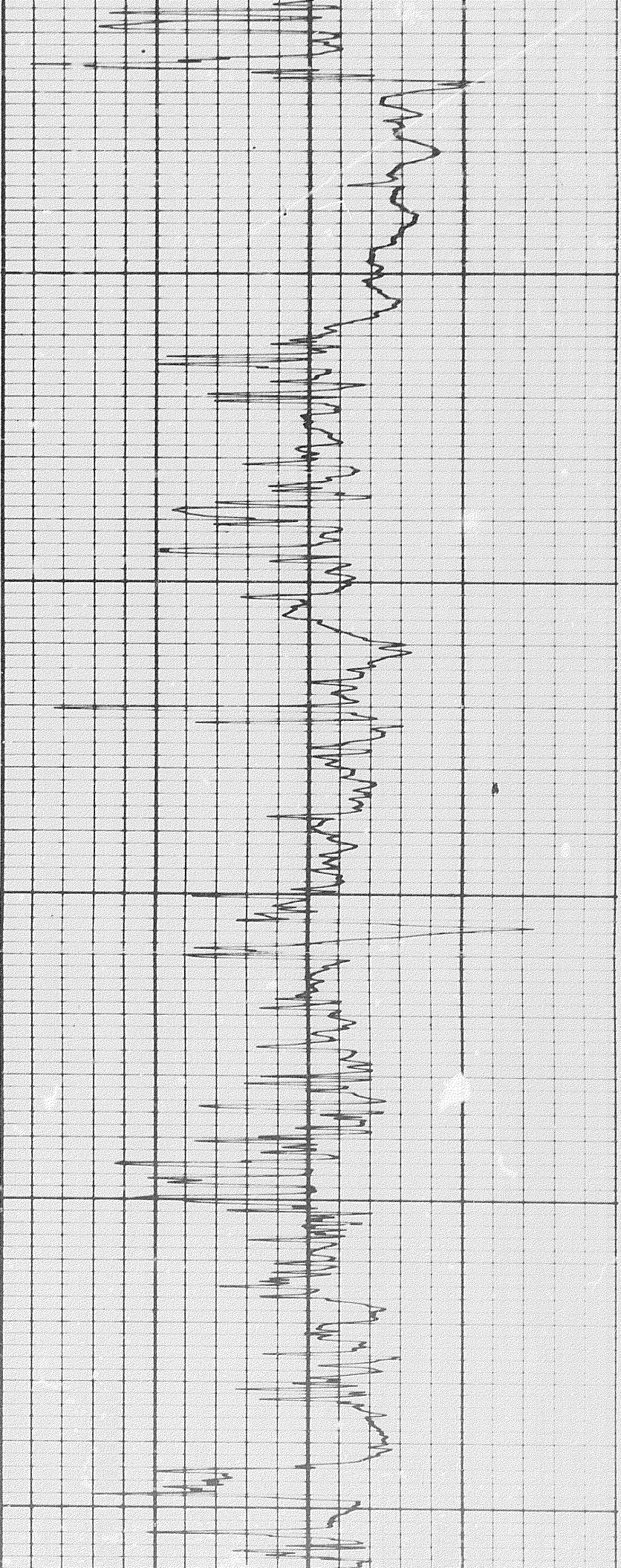


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4000

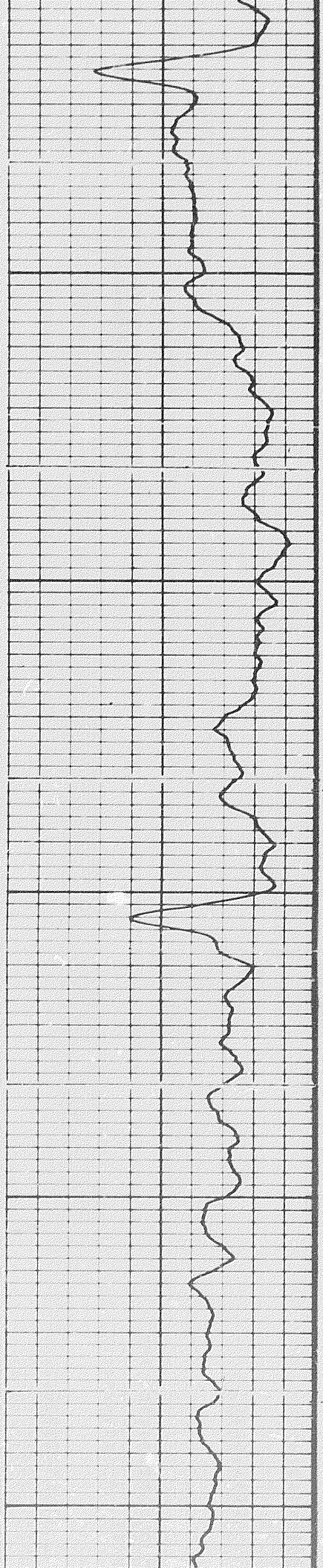




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4600

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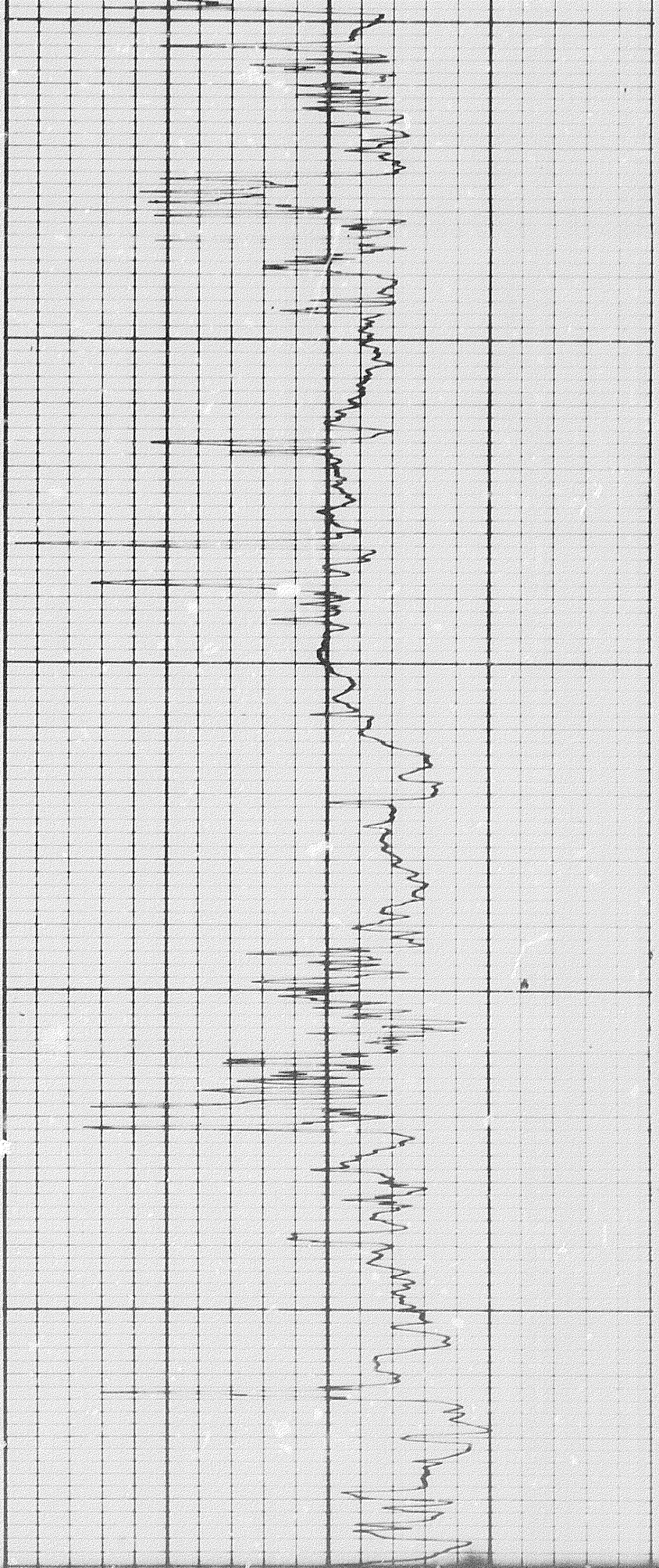




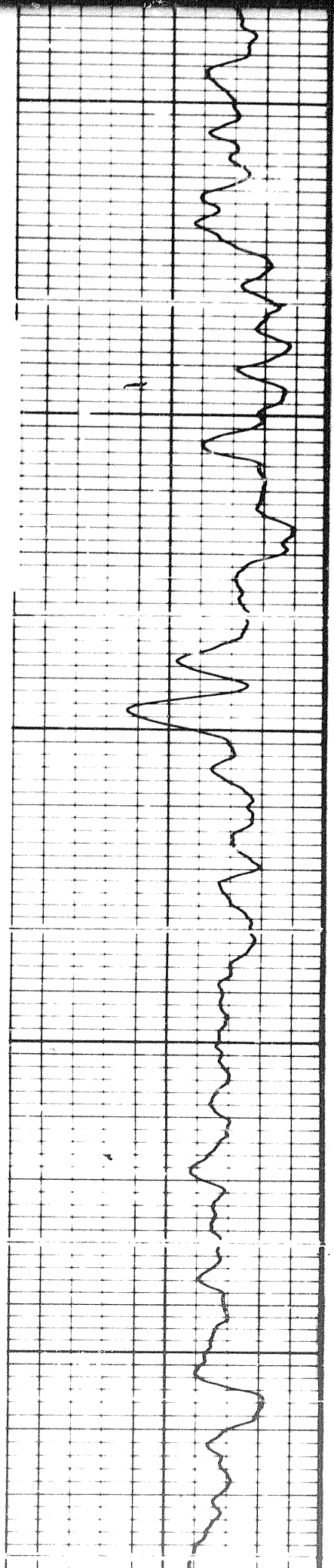
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4000



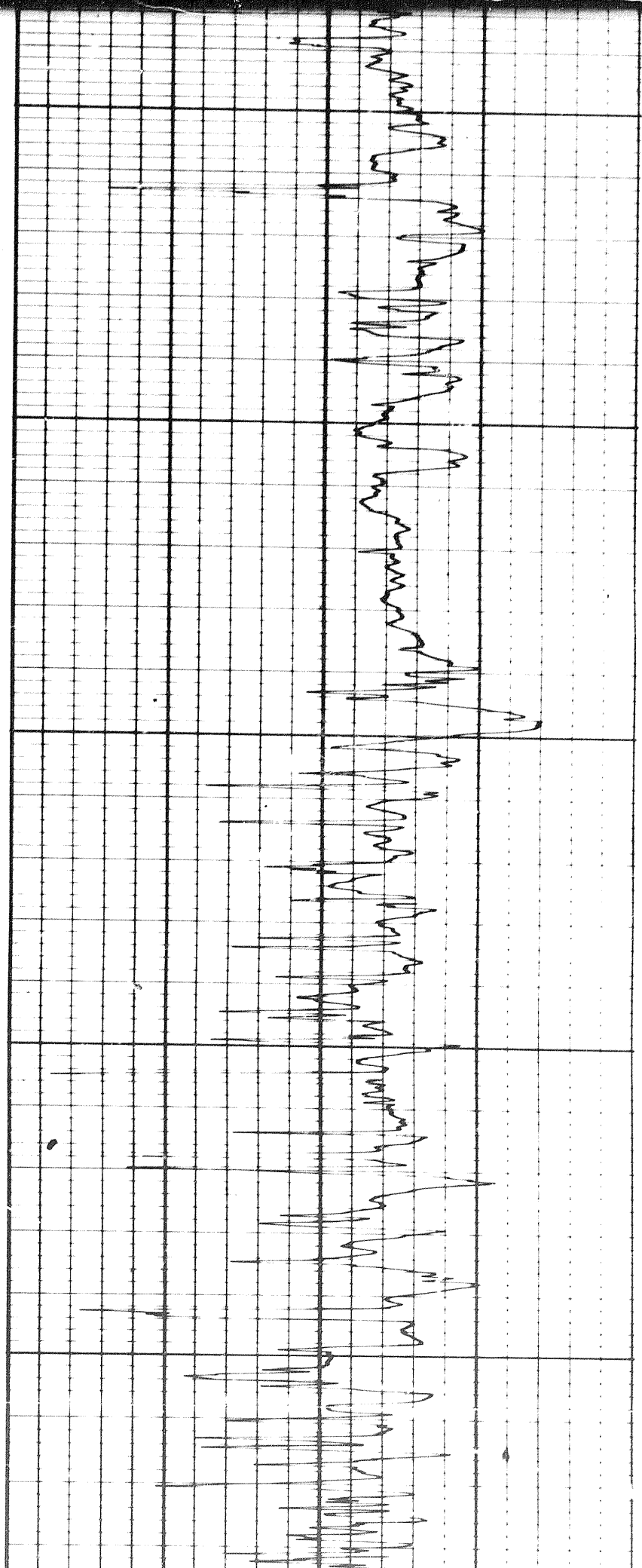
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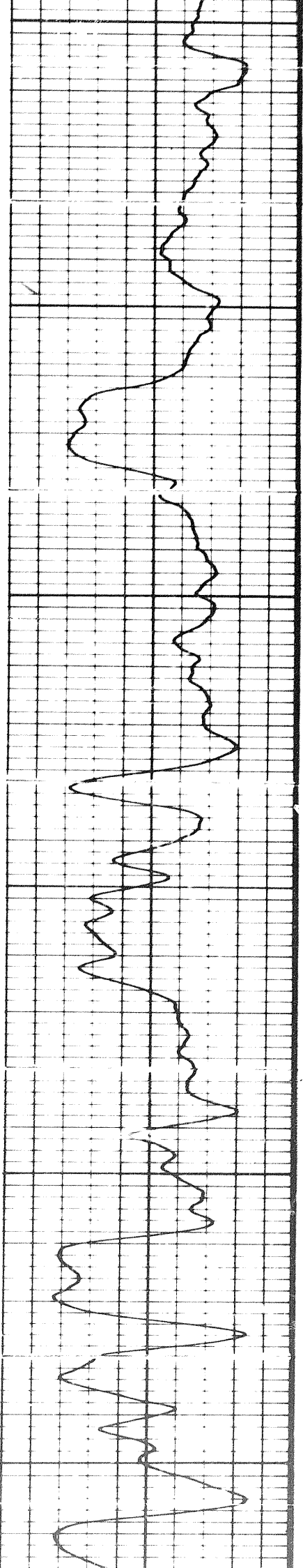


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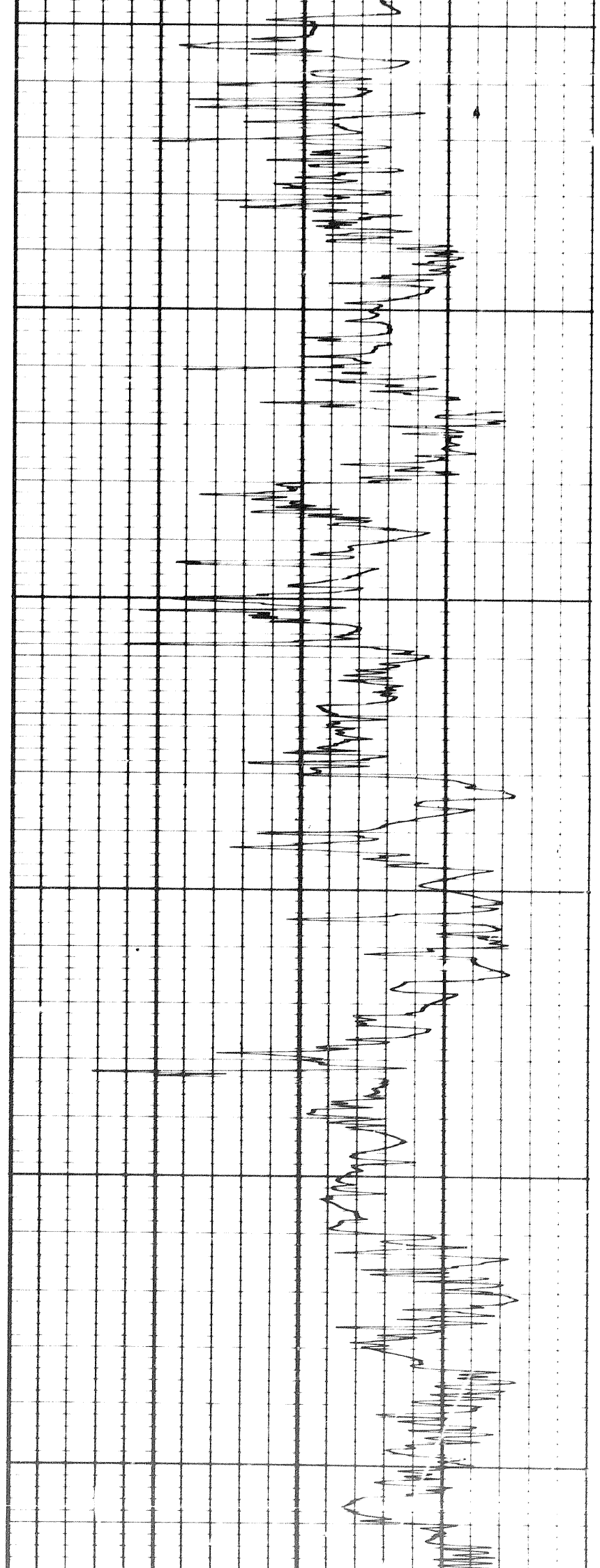




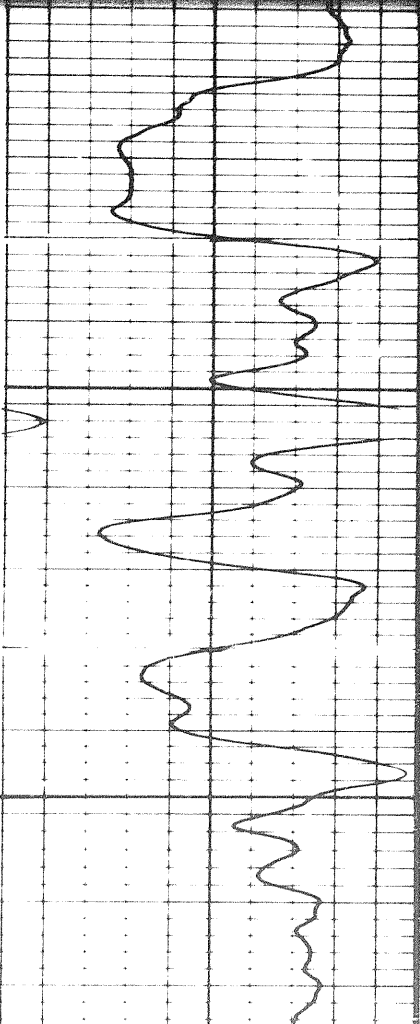
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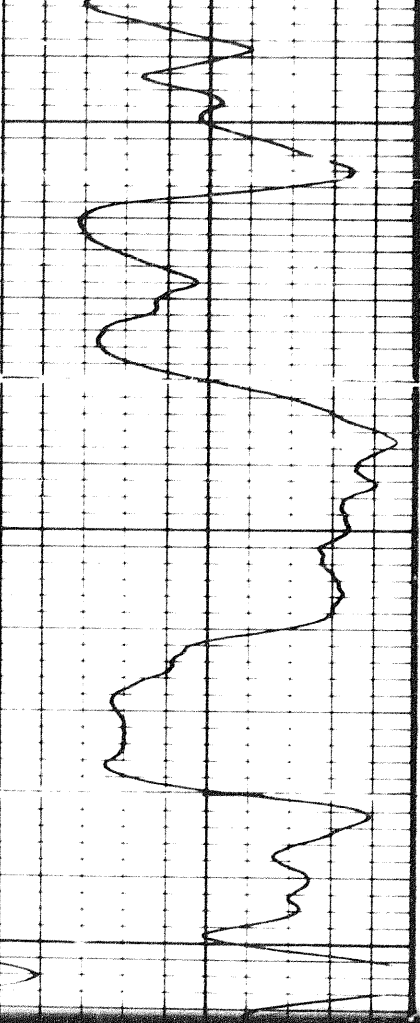
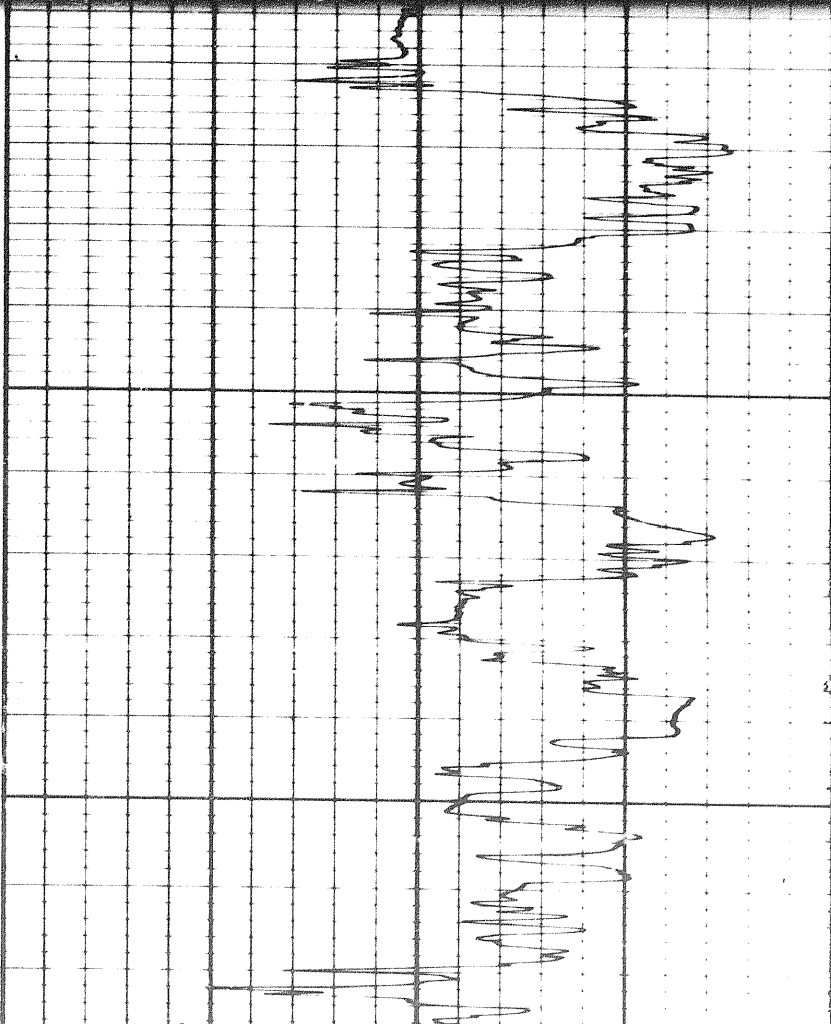
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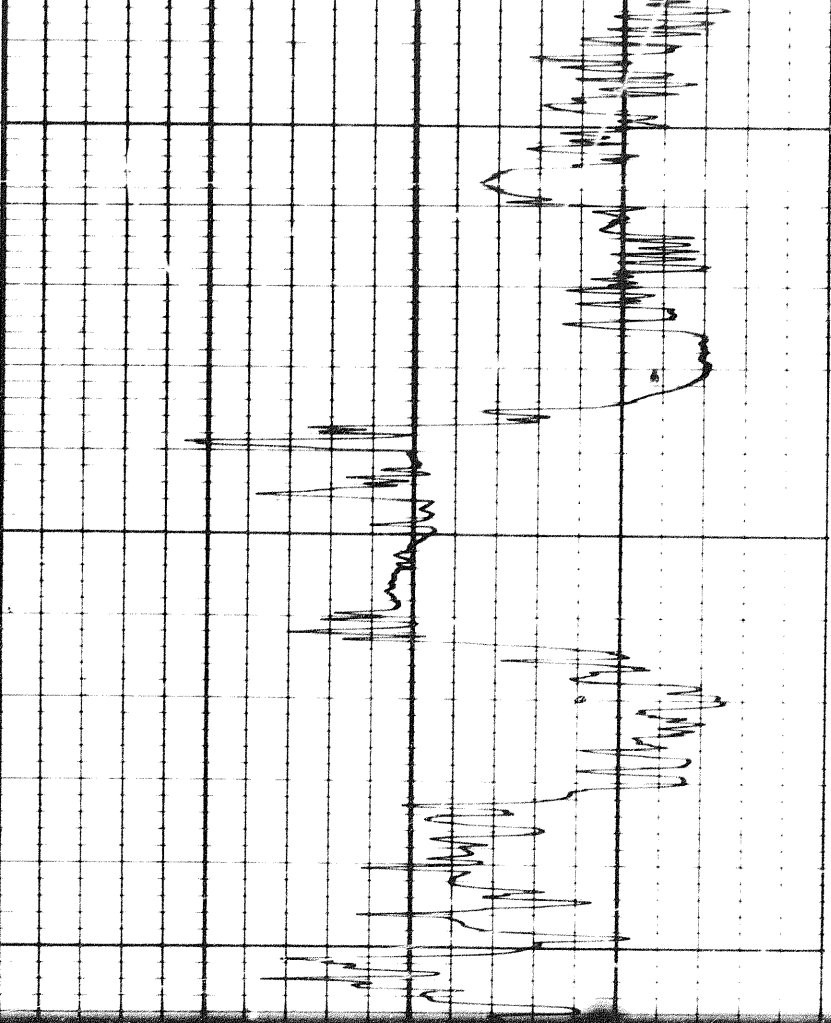
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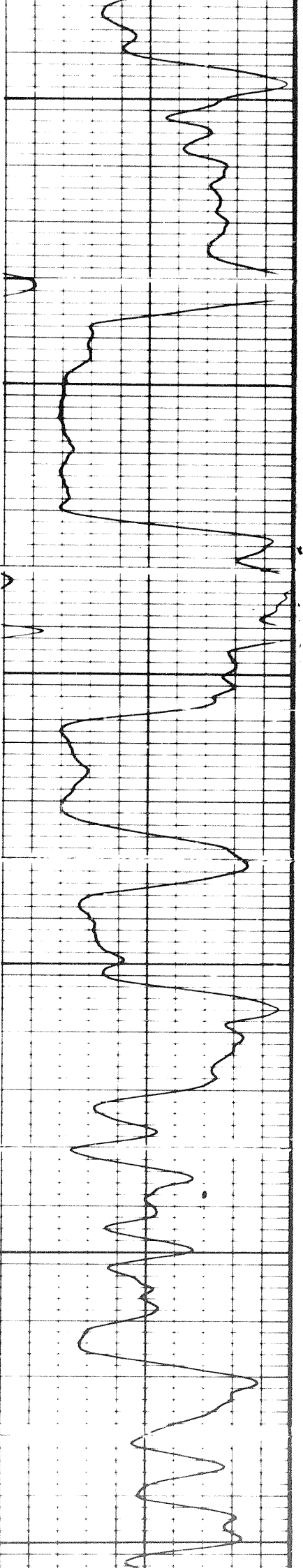


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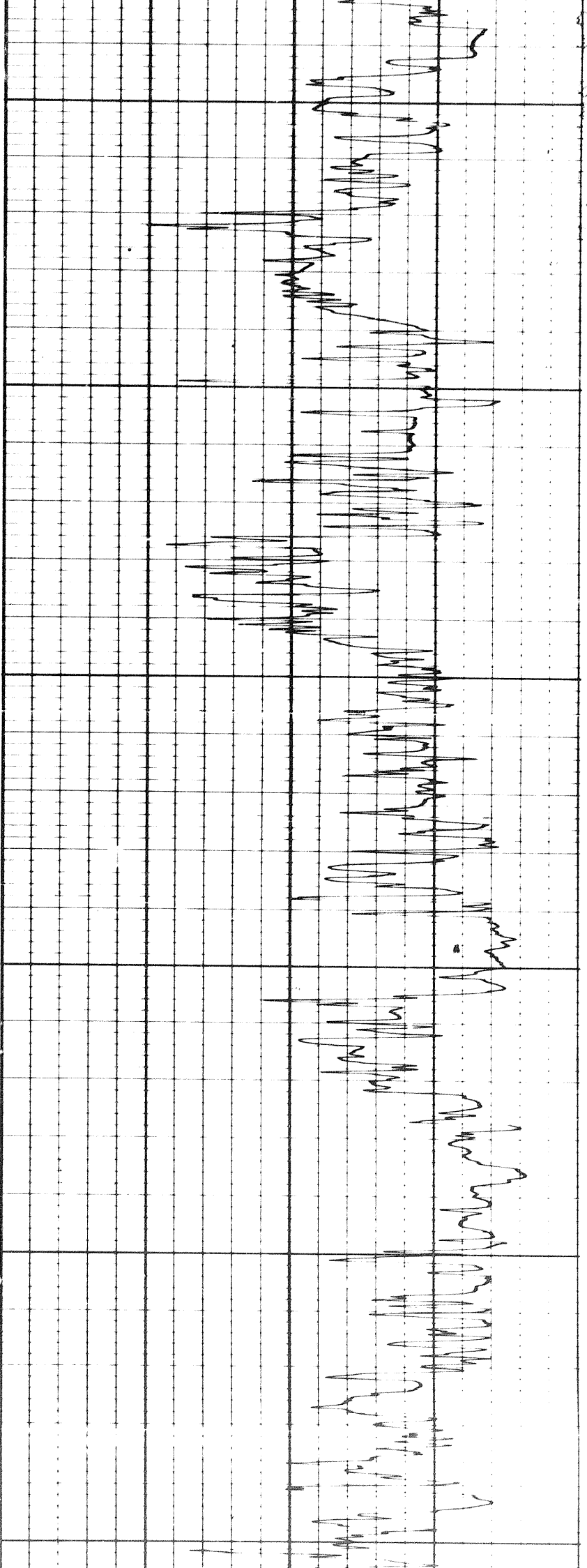


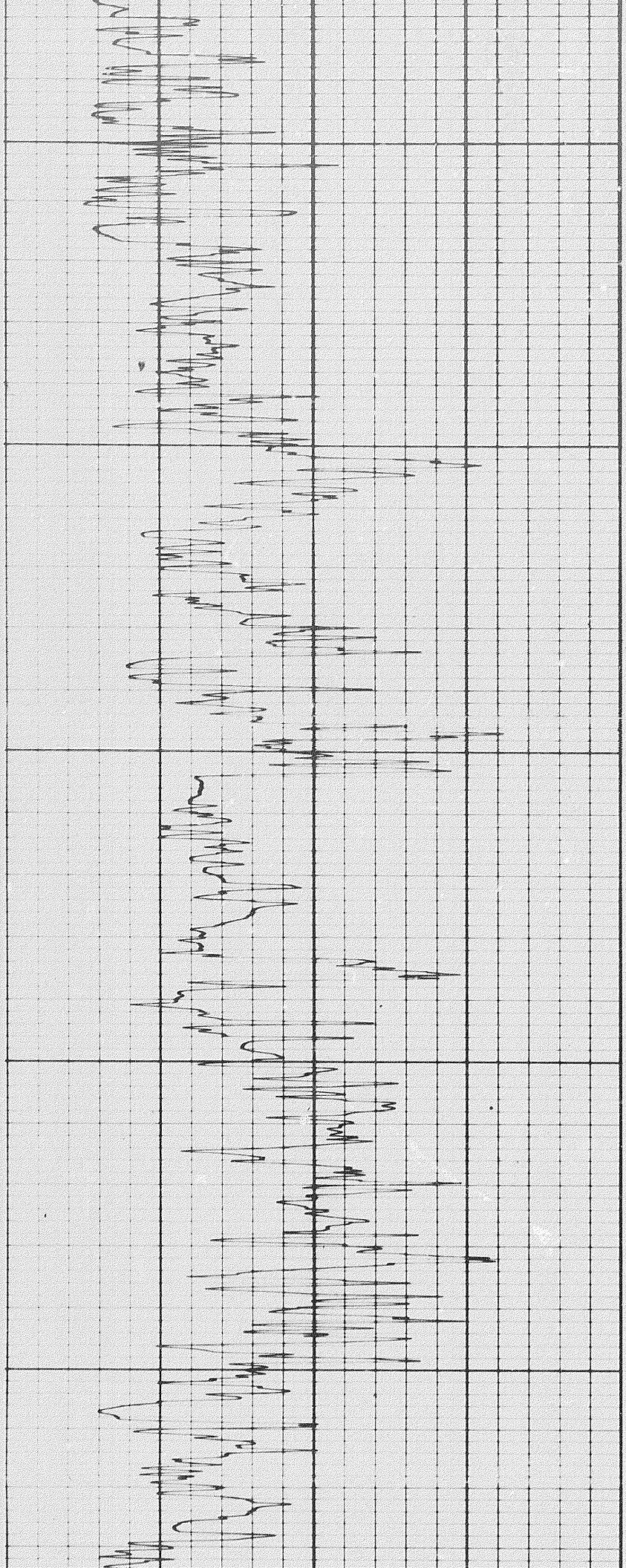


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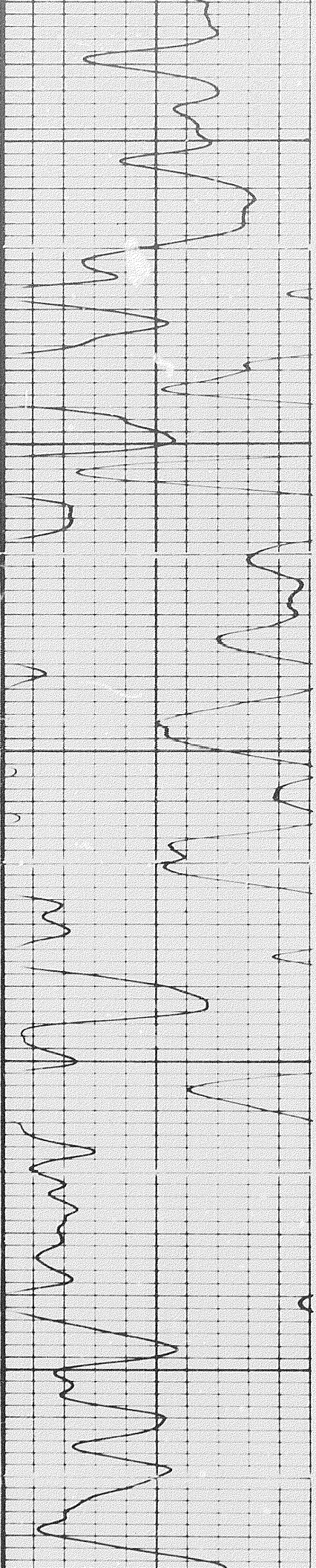
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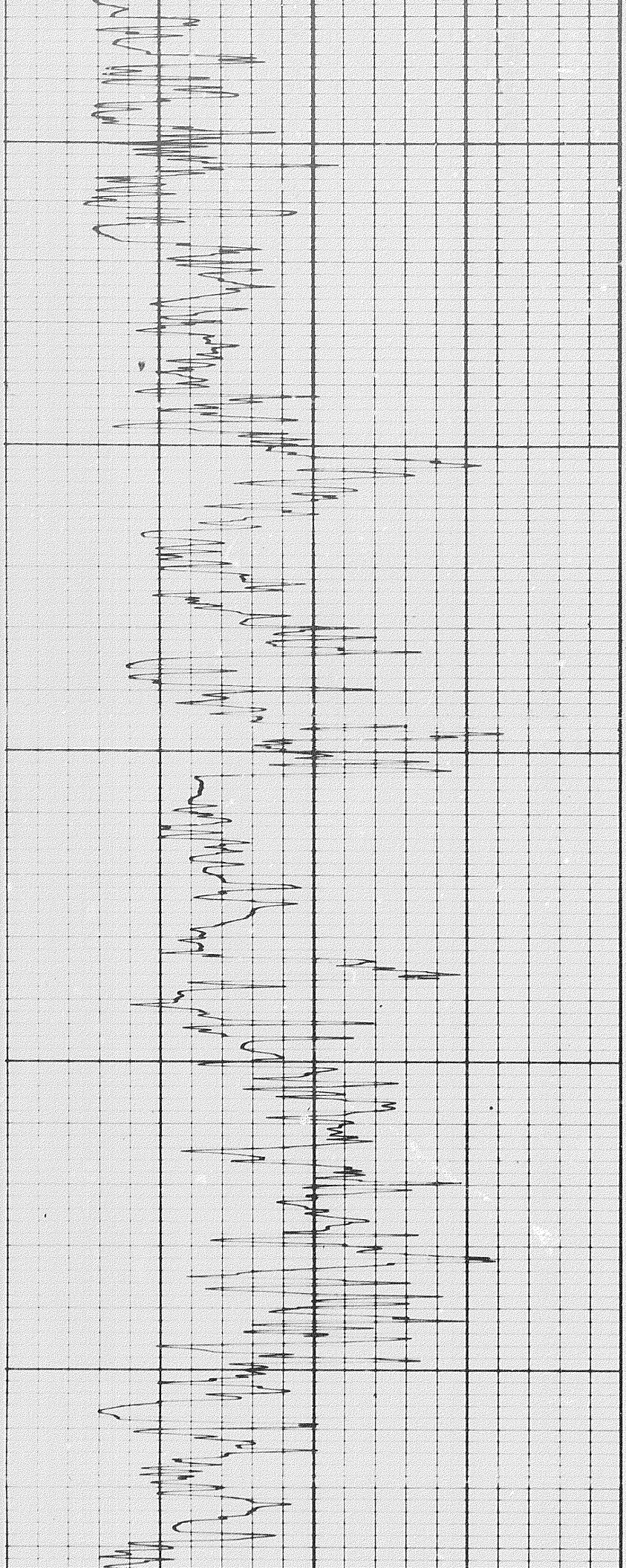




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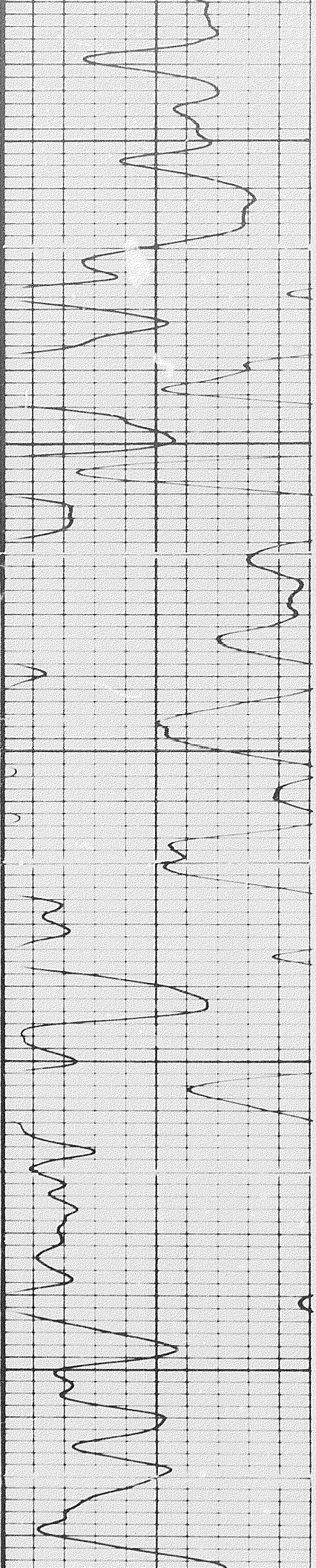
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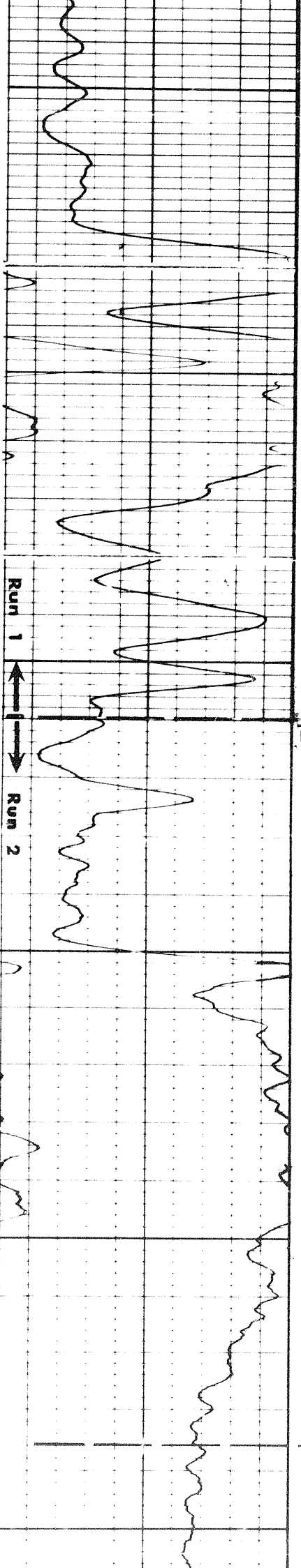




5800

5800





Run 1

Run 2

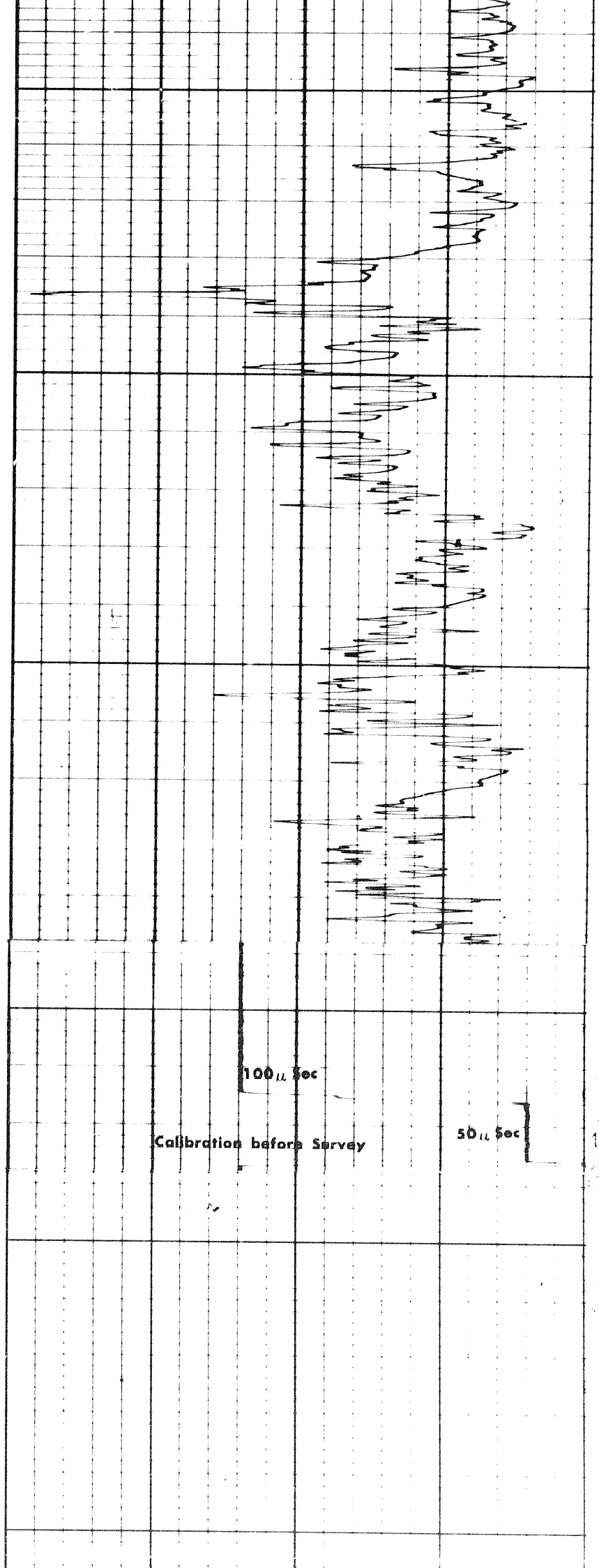
0008

0020

0030

FR

FR



100 μ Sec

Calibration before Survey

50 μ Sec

FR

DETAIL LOG

5" = 100'

DEPTHS

SONIC

GAMMA RAY
API UNITS



Spacing 3'

Pickup Span 1'

INTERVAL TRANSIT TIME
microseconds per foot

← Increases

Interval 1850 to 6250
 Spacing 400 TC 2
 gamma speed 30 ft/min
 ZER 0 div to left

0 160 320

100	.70	40
160	.130	100

Interval _____ to _____
 Spacing _____ TC _____
 gamma speed _____ ft/min
 ZER _____ div to left

Calibration after Survey

1' Span

100 μ Sec

100 μ Sec

50 μ Sec

DETAIL LOG

5" = 100'

DEPTHS

SONIC

GAMMA RAY
API UNITS



Spacing 3'

Pickup Span 1'

INTERVAL TRANSIT TIME
microseconds per foot

Interval 1850 to 6250
 Spacing 400 TC 2
 gamma speed 30 ft/min

199

DEPTH

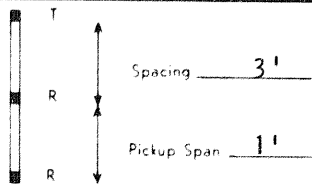
SONIC

GAMMA RAY API UNITS

Interval 1850 to 6250
 Sens 400 TC 2
 Logging Speed 30 ft min
 ZERO 0 div to left

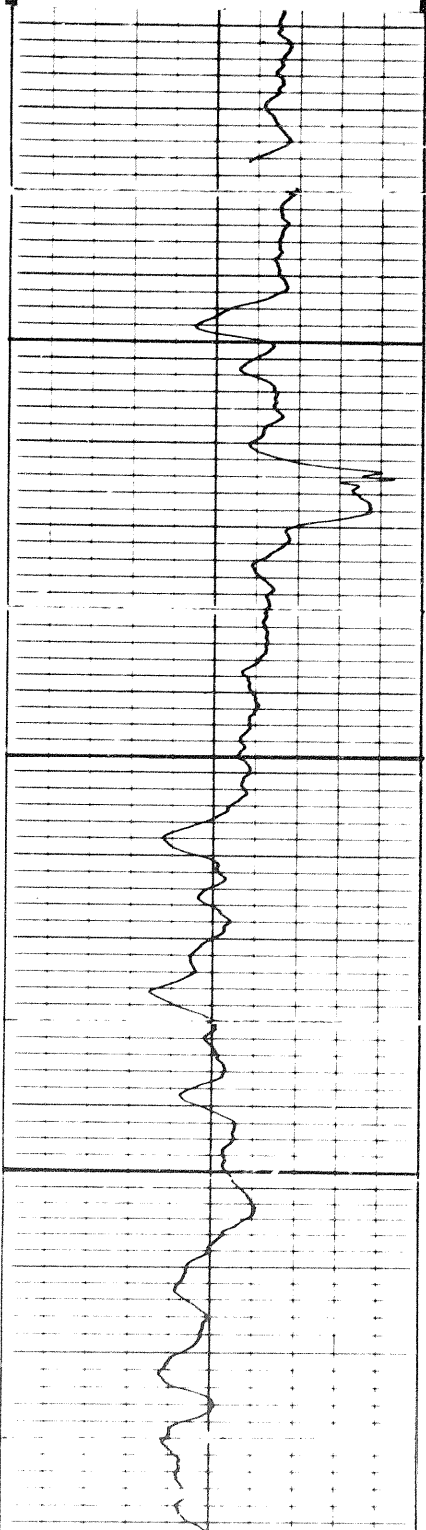
0 160
 160 320

Interval _____ to _____
 Sens _____ TC _____
 Logging Speed _____ ft min
 ZERO _____ div to left

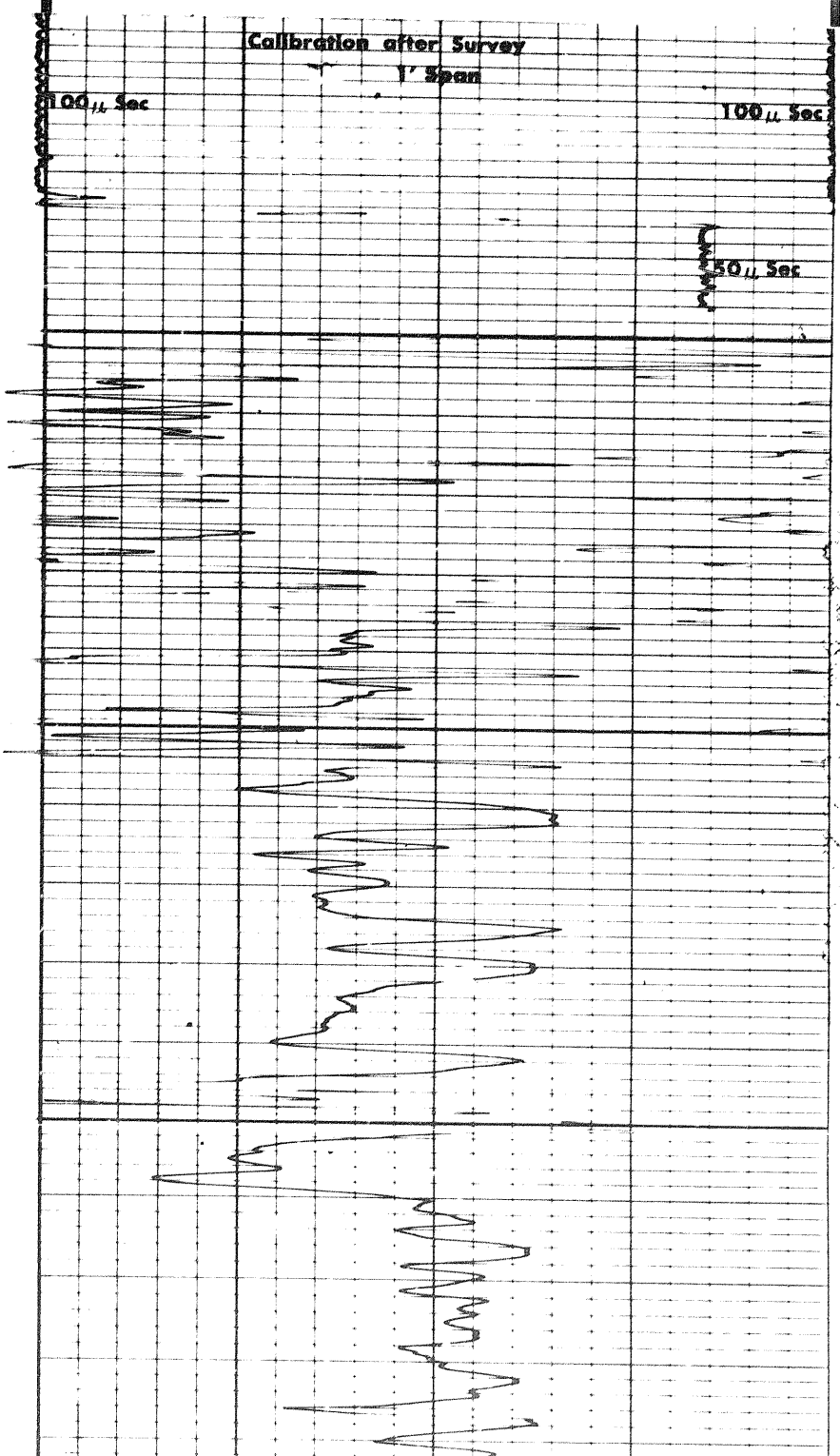


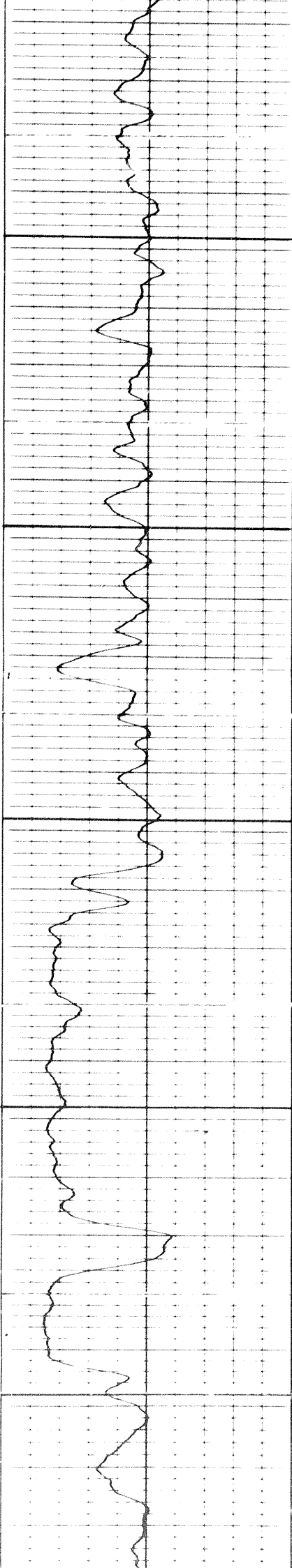
INTERVAL TRANSIT TIME
 microseconds per foot
 ← Increases

100	.70	40
160	.130	100



1900

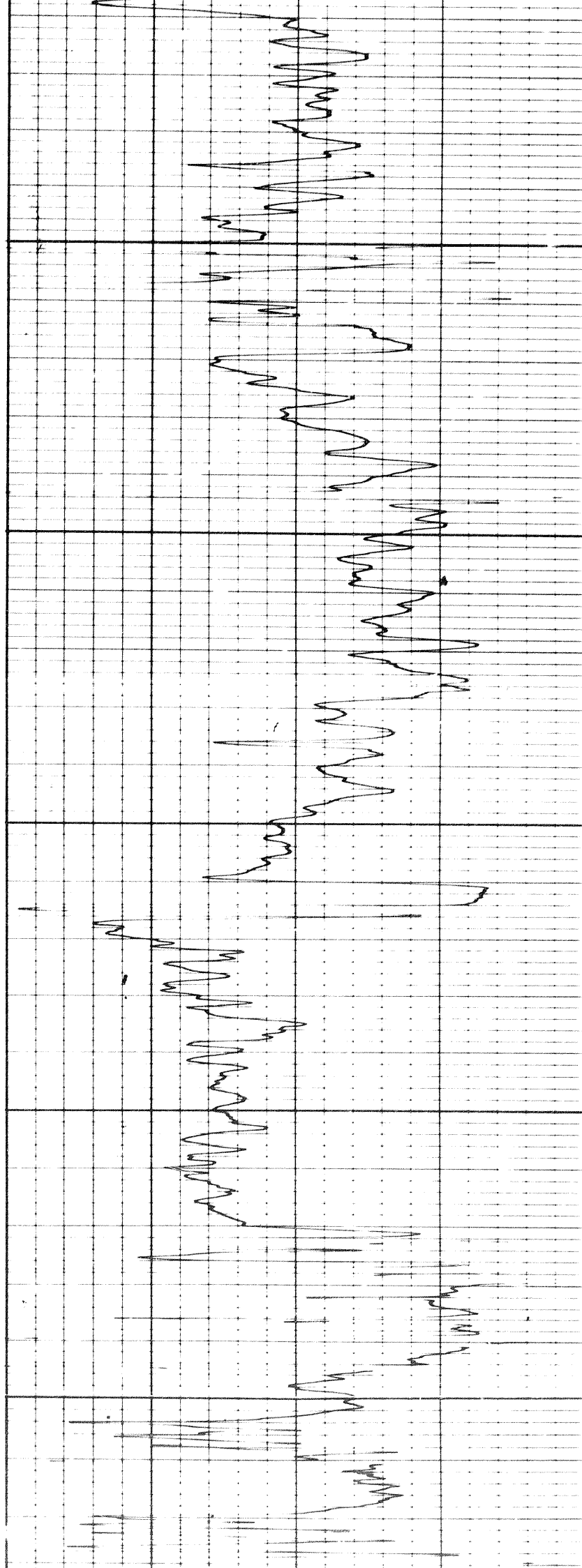


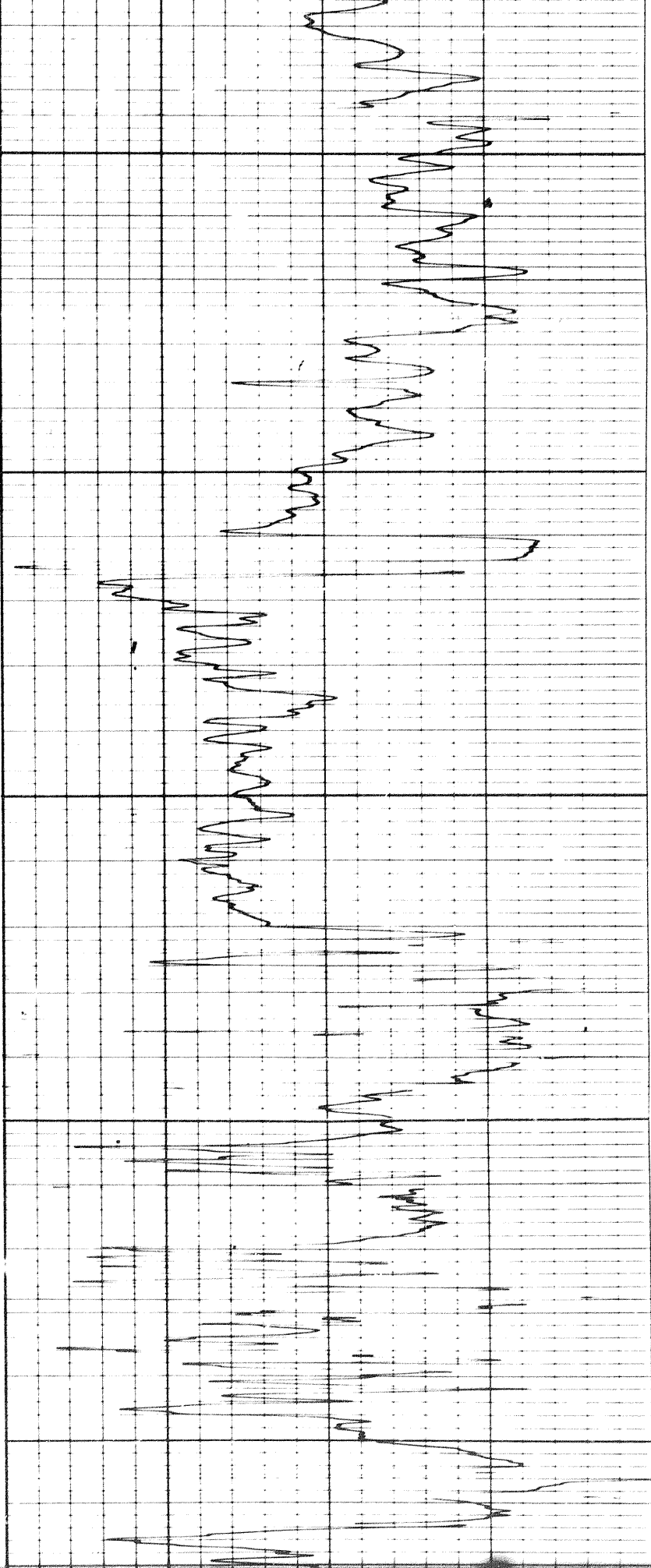


2000

2100

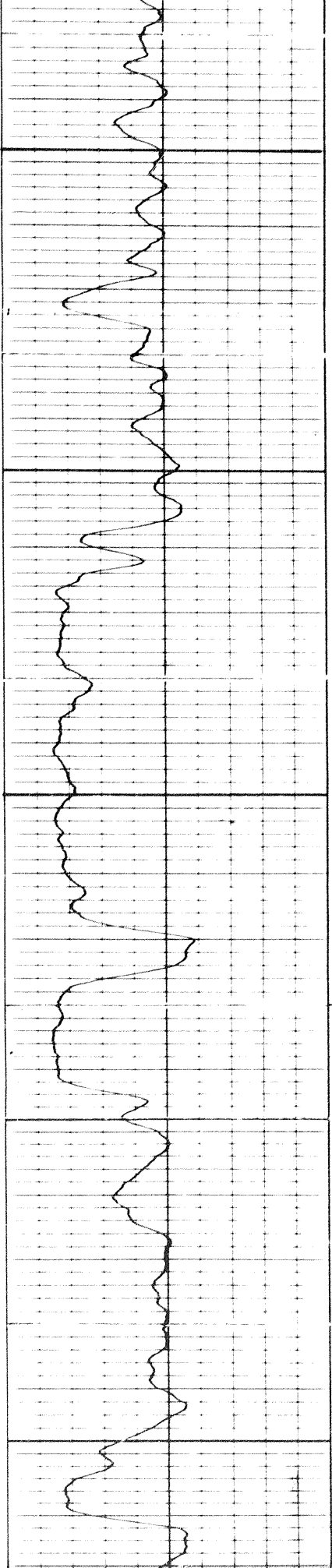
2200



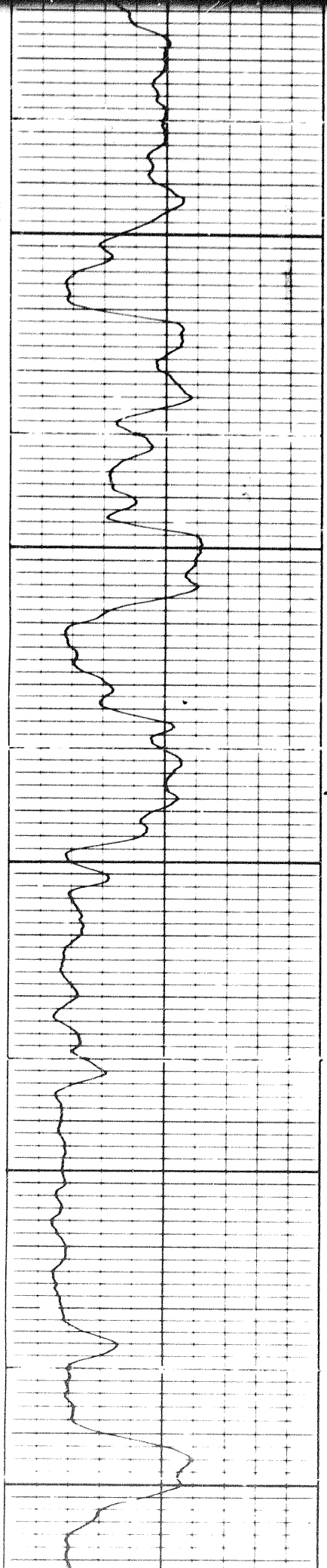


2100

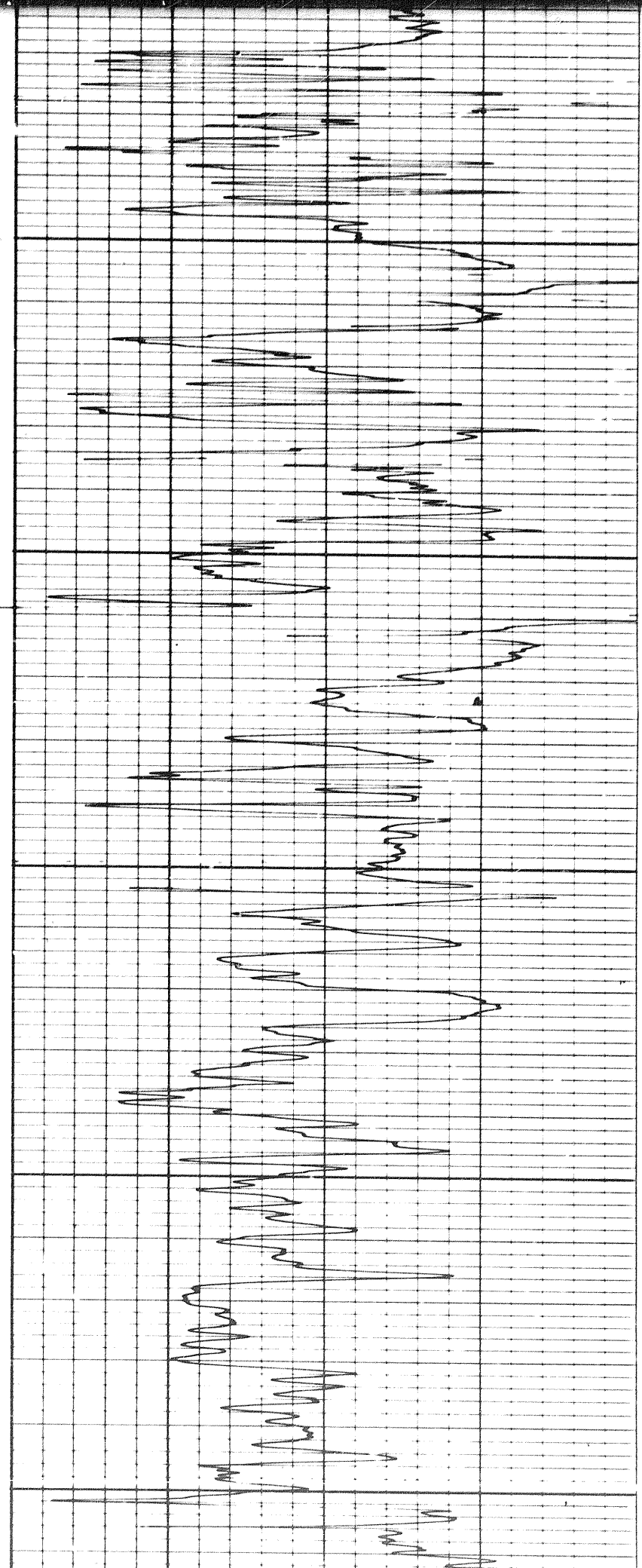
2200



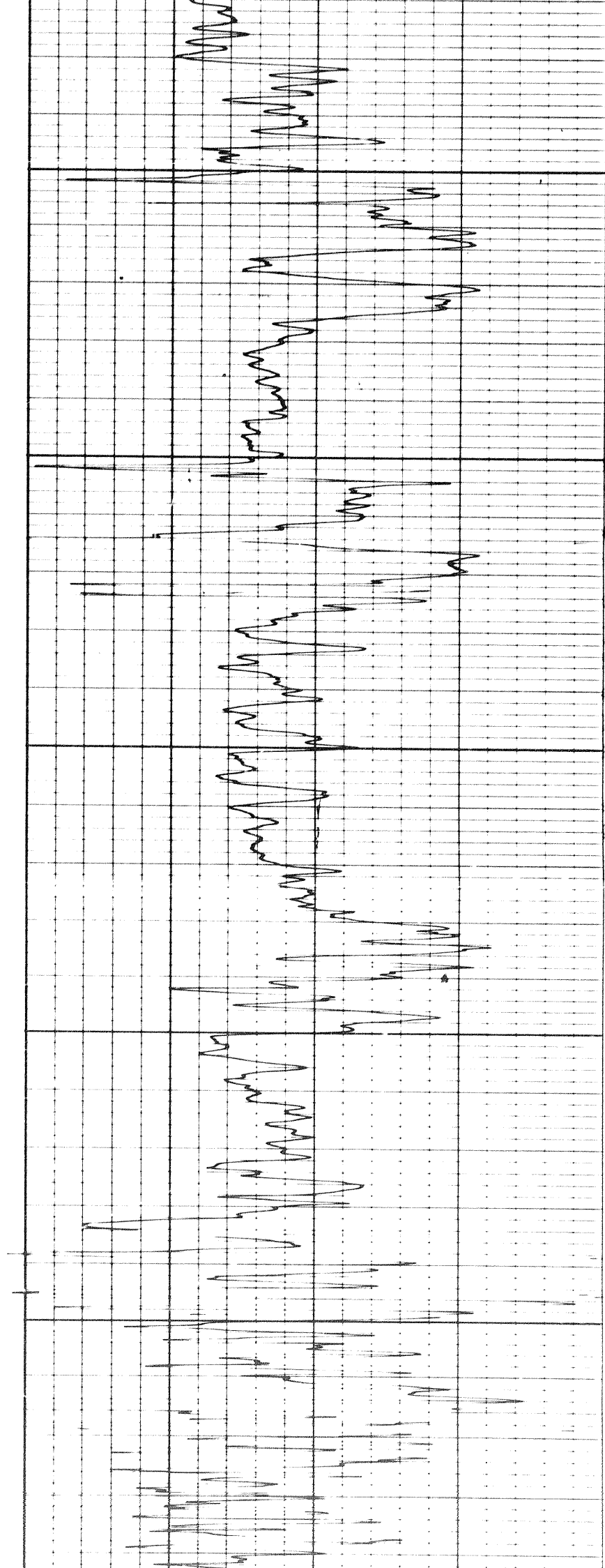
209



2300

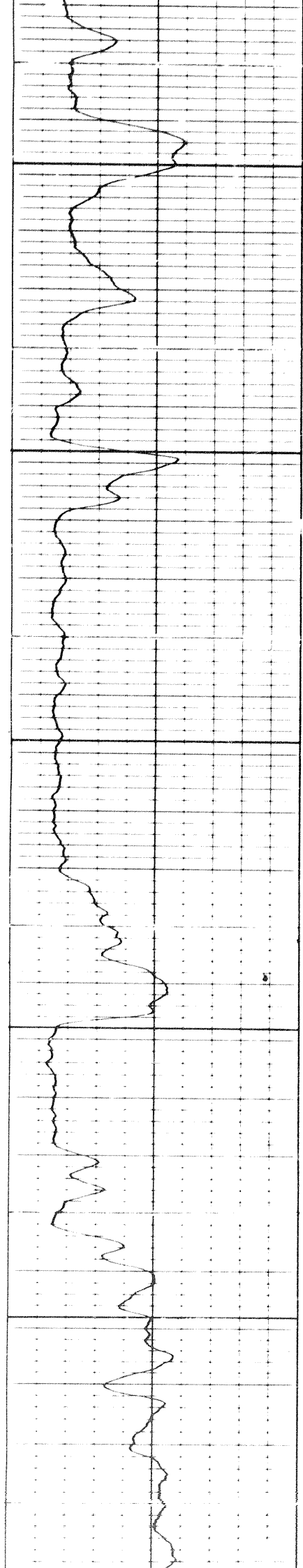


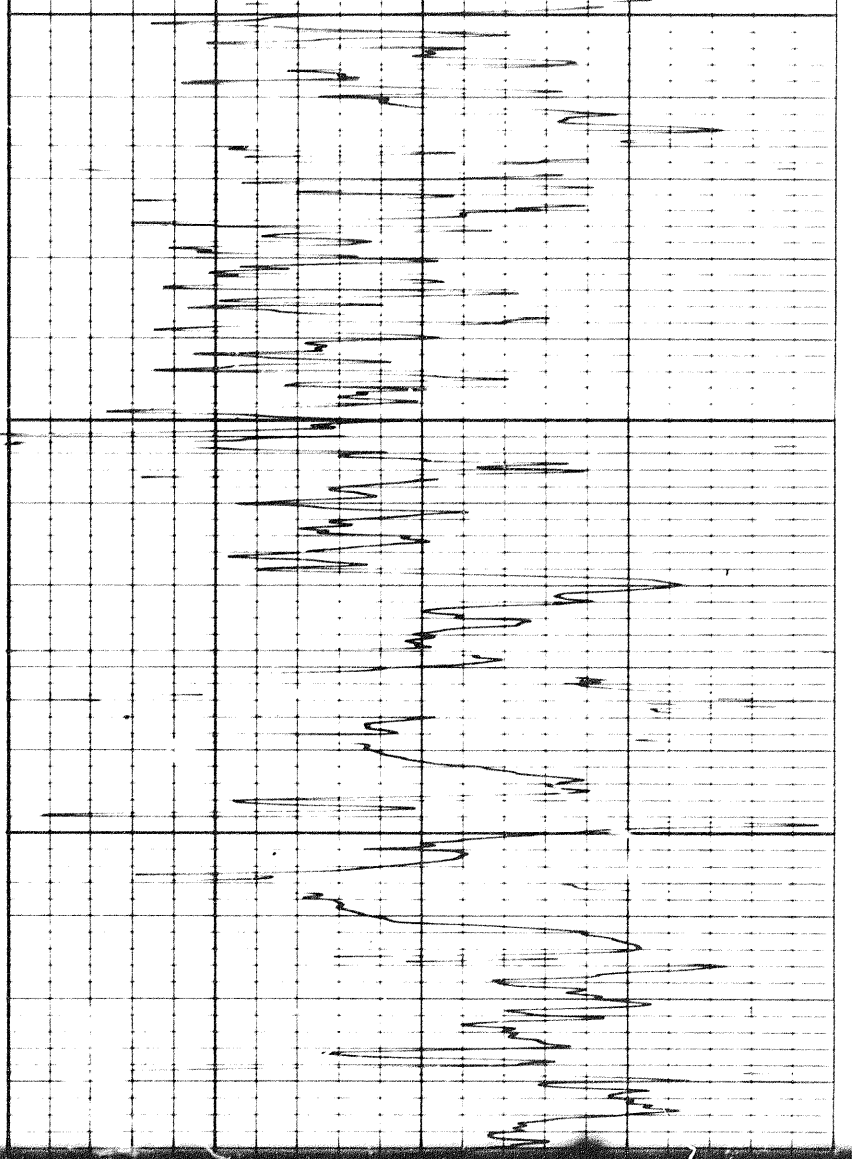
2400



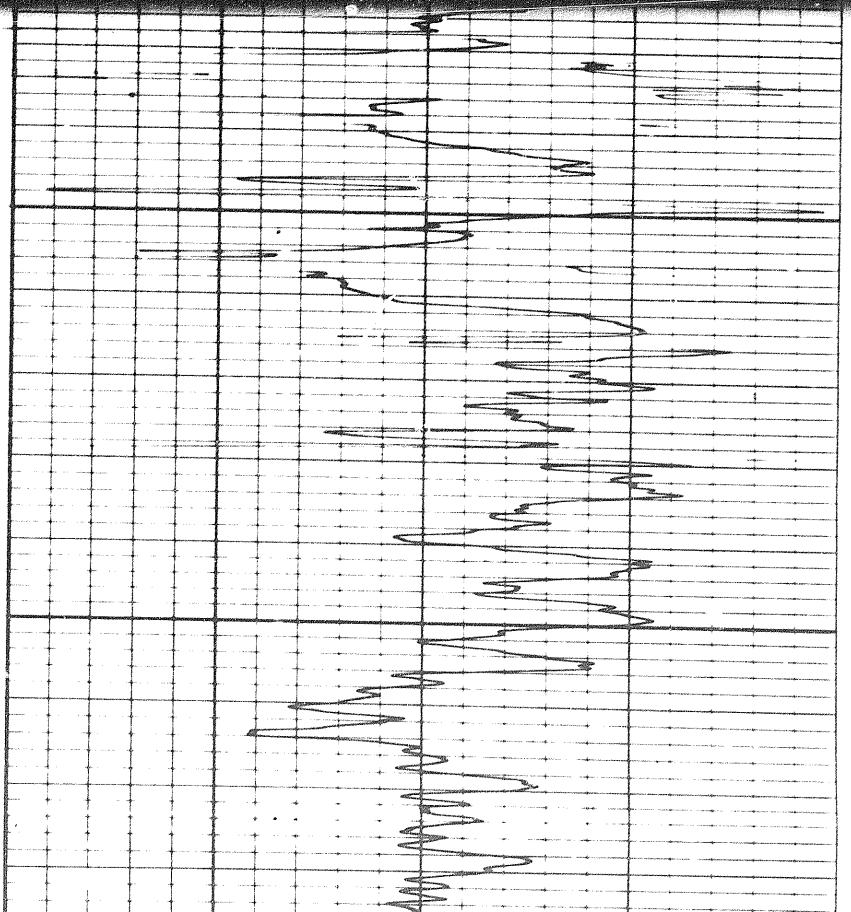
2500

2600

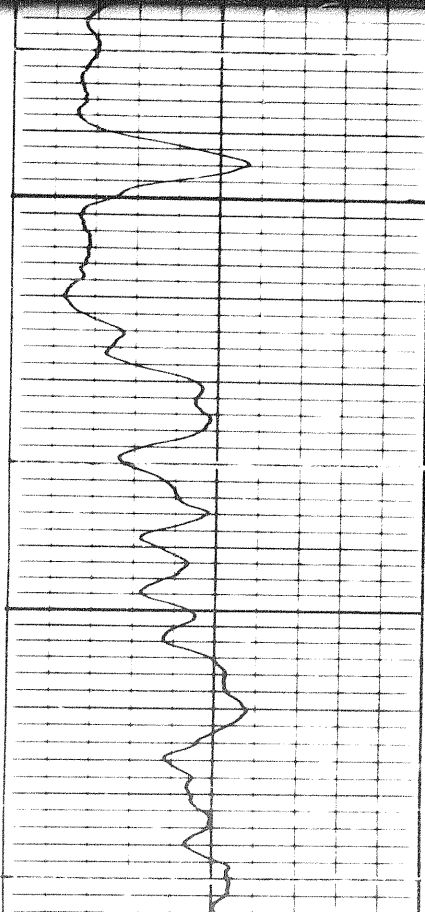
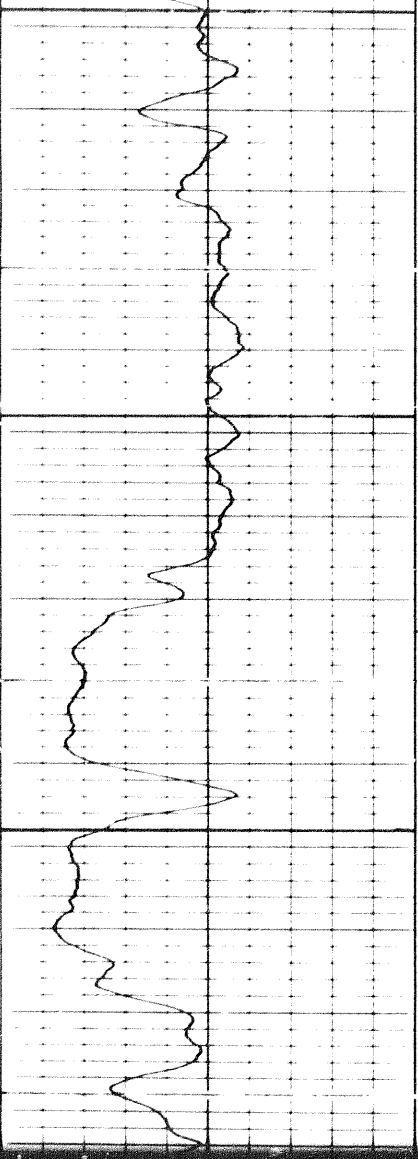




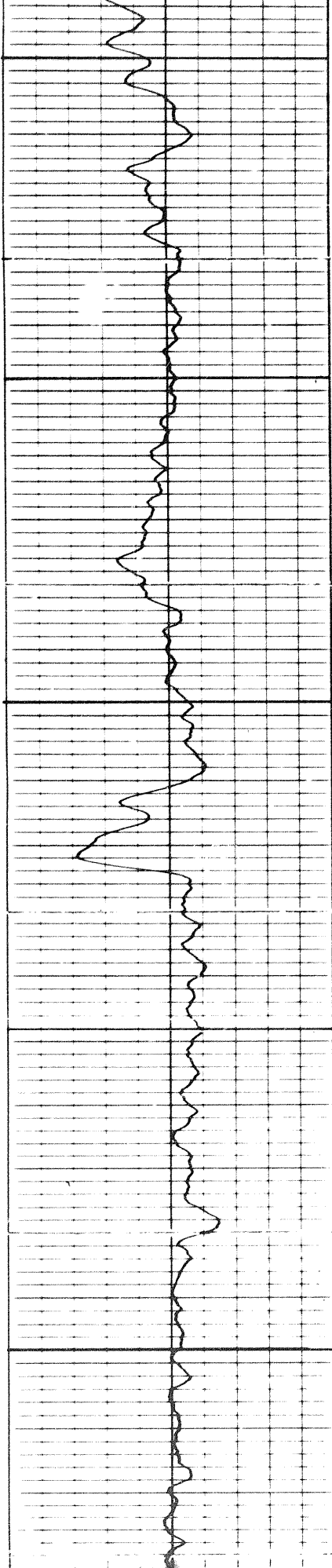
2700



2800



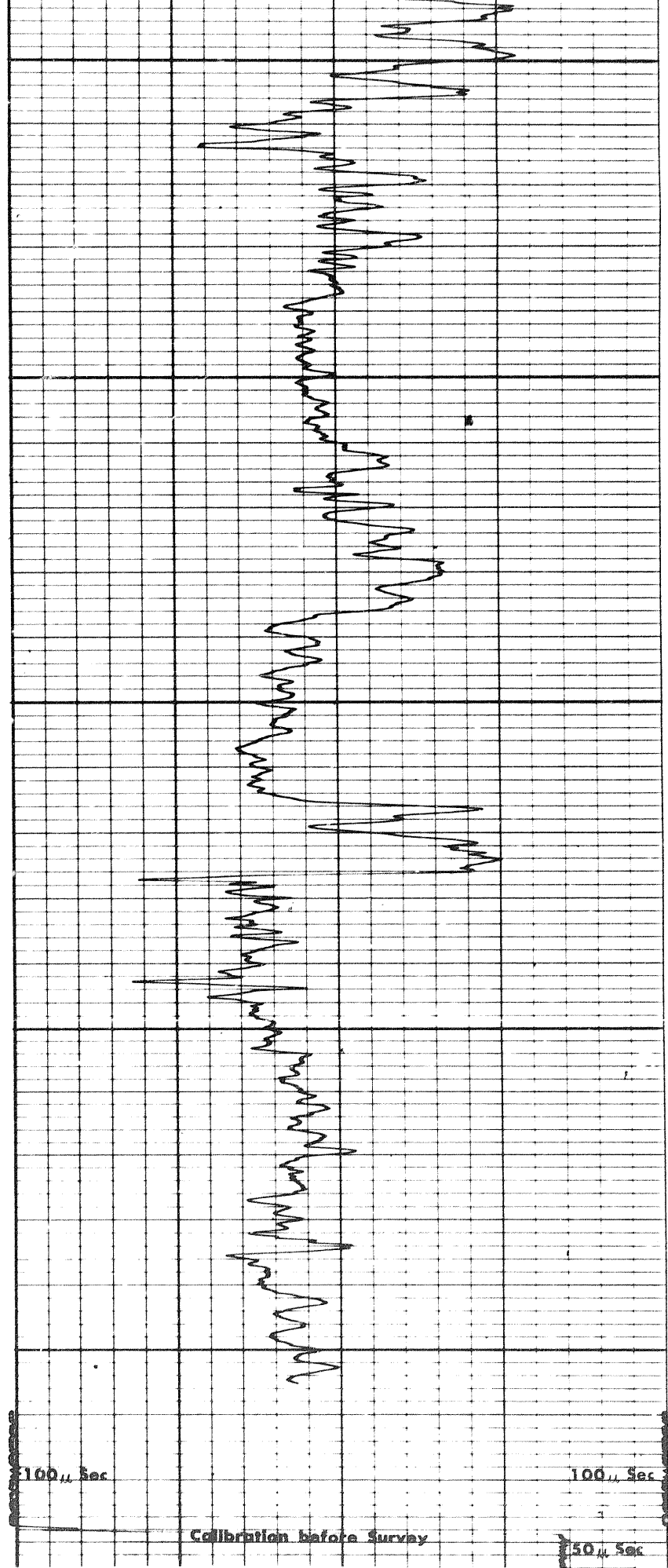
212



2800

2900

3000

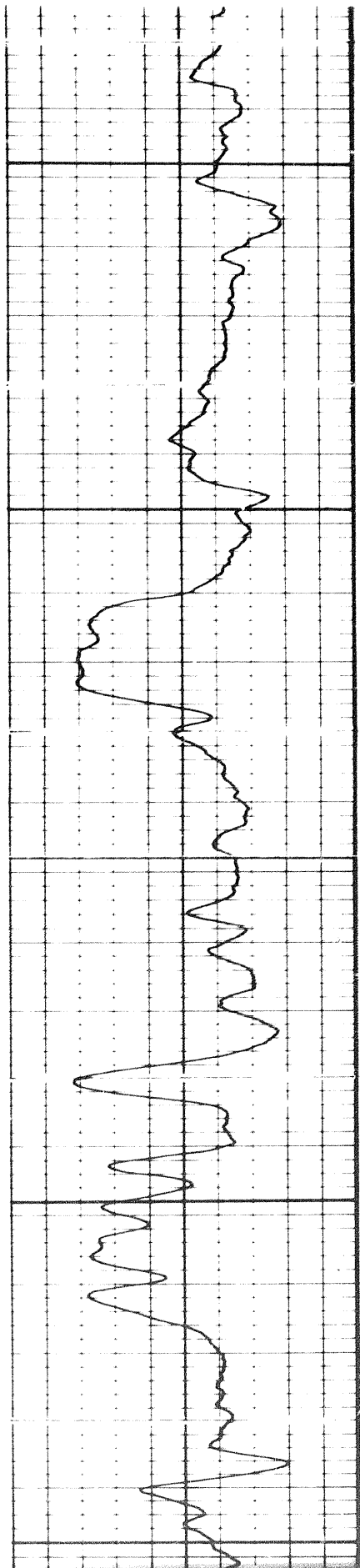


100 μ Sec

100 μ Sec

Calibration before Survey

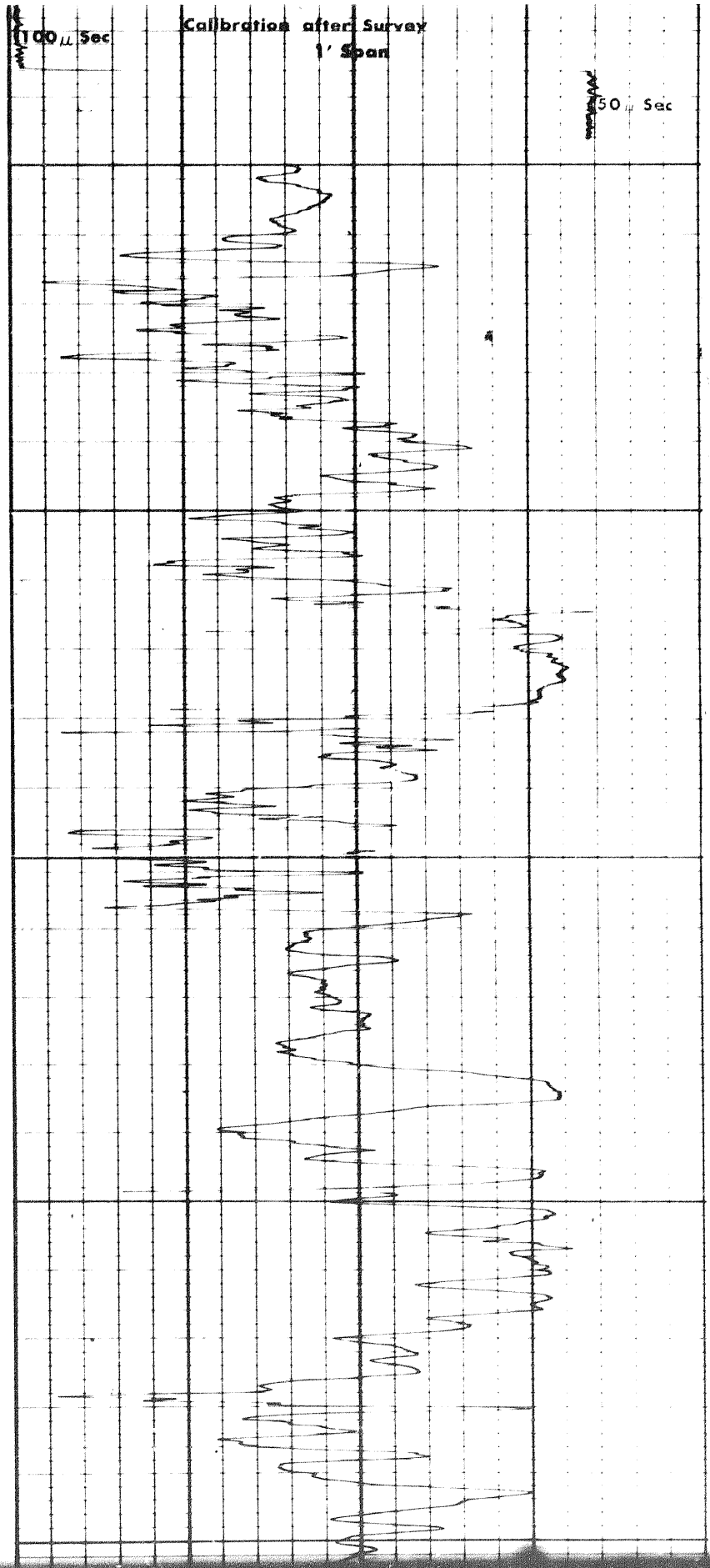
50 μ Sec



5300

0025

5300

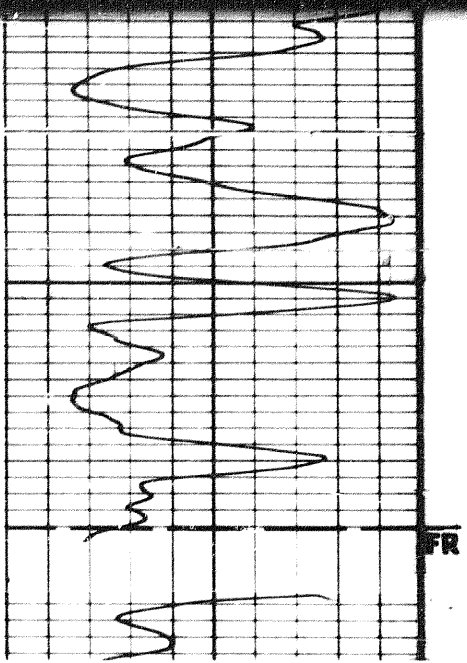


100 μ Sec

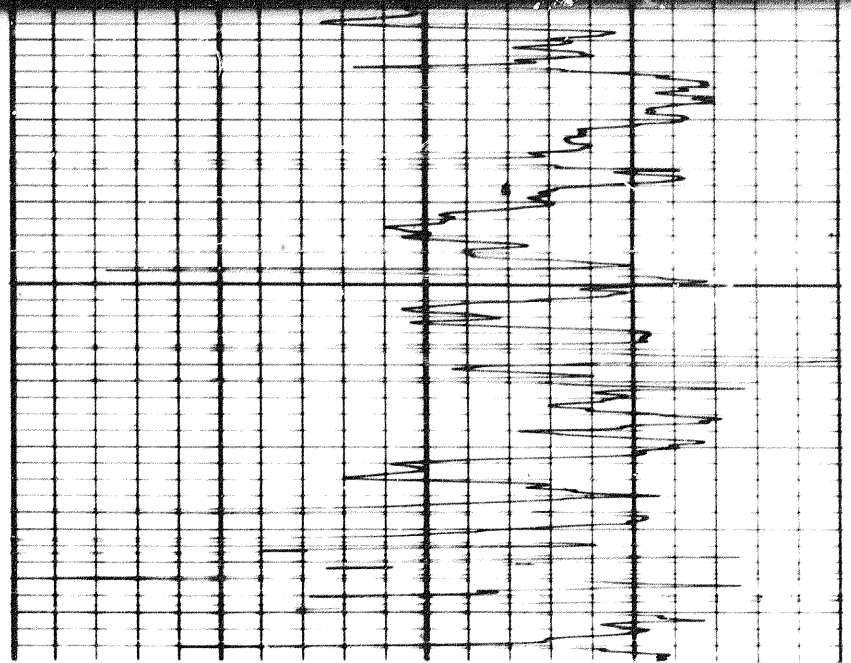
Calibration after Survey
1' Span

50 μ Sec

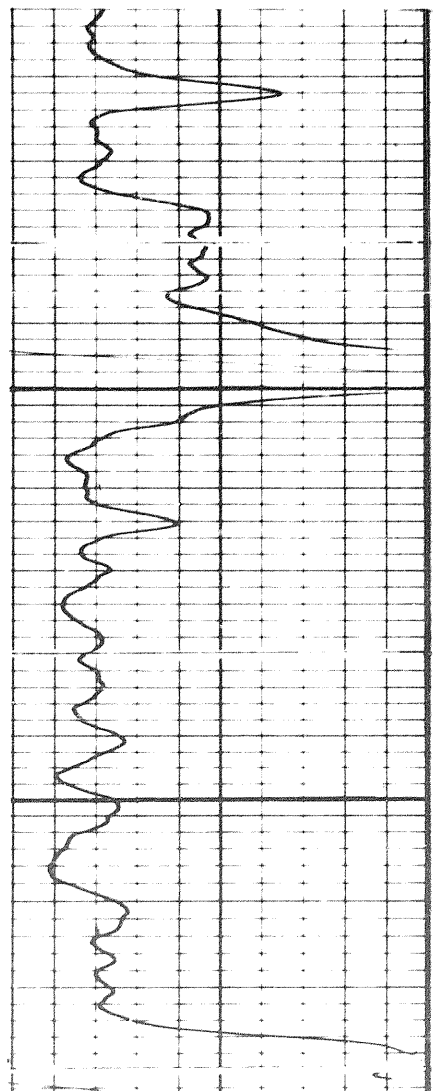
24924



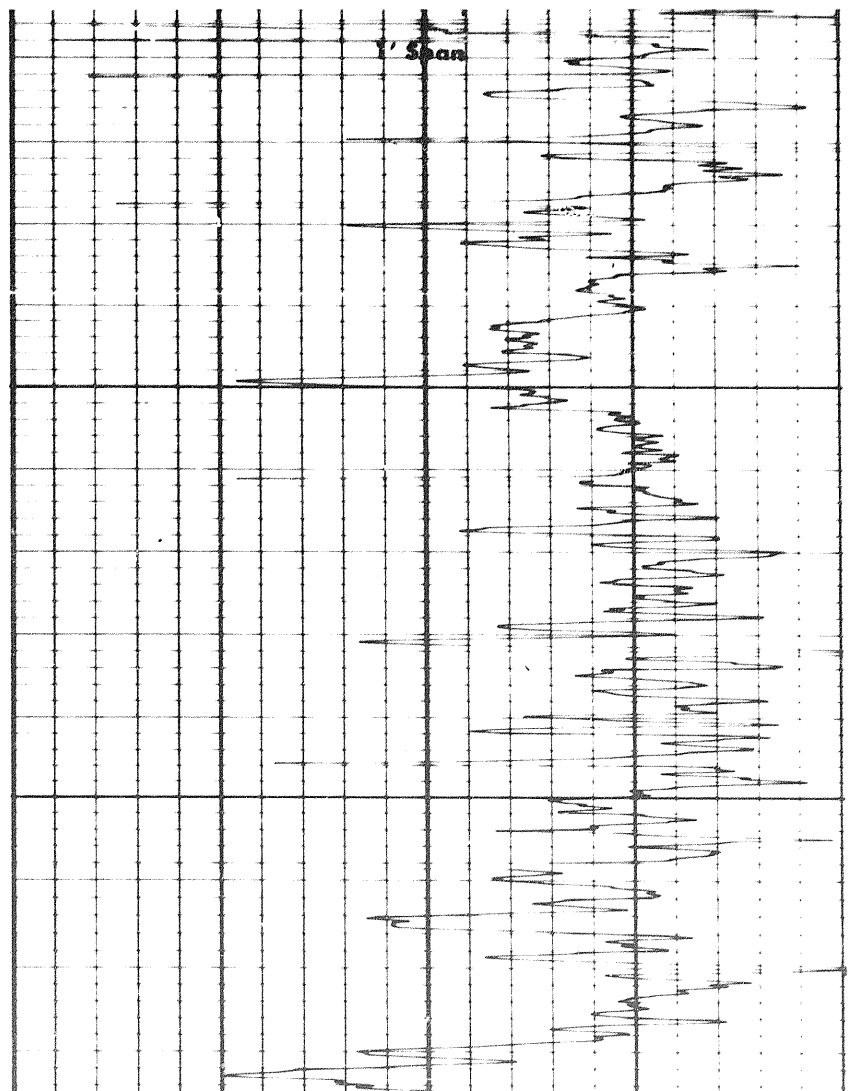
0019

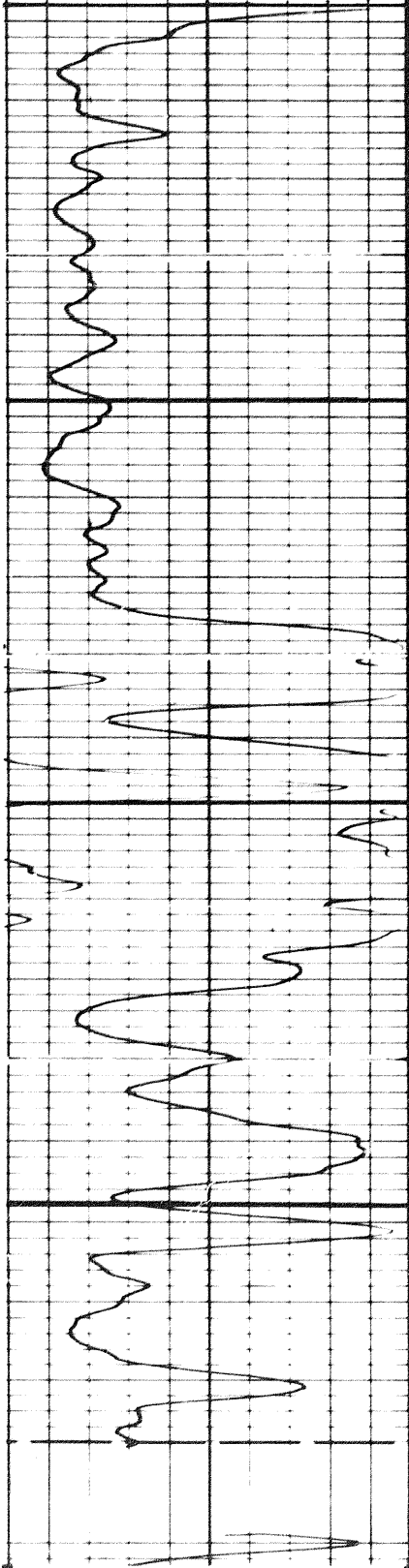


REPEAT SECTION



0019

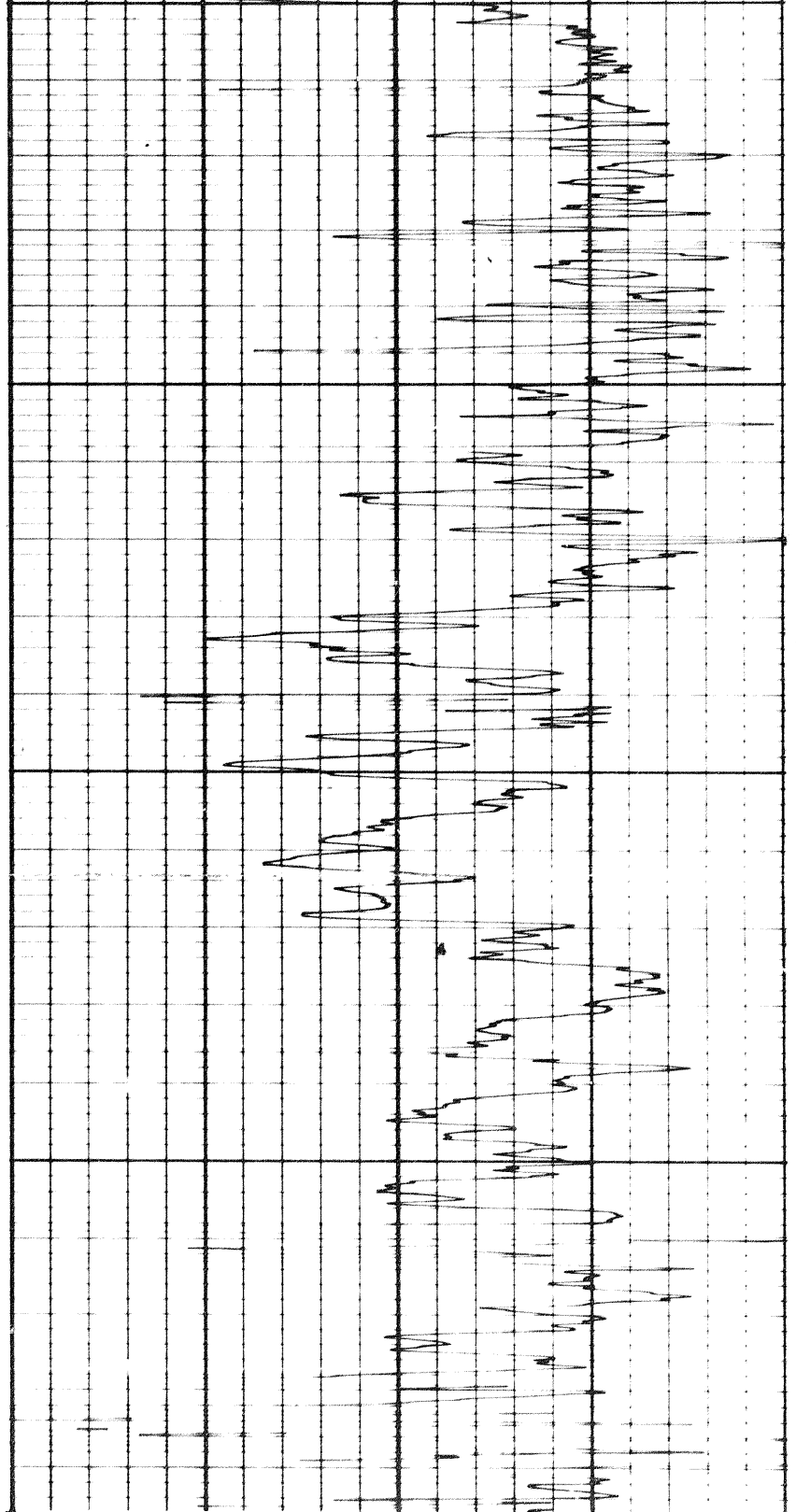




6400

6200

FR



Interval _____ to _____
 Sigs _____ TC _____
 Logging Speed _____ ft/min
 ZERO _____

Interval 1850 to 6250
 Sigs 400 TC 2
 Logging Speed 30
 ZERO 0

0	160
160	320

GAMMA RAY
 API UNITS

100	170	40
160	130	100

Interval _____ to _____
 Sigs _____ TC _____
 Logging Speed _____ ft/min
 ZERO _____

