

SCHLUMBERGER

DUAL INDUCTION-LATEROLOG
SCHLUMBERGER OF CANADA Calgary, Alberta

PROVINCE YUKON TERRITORIES
FIELD WILD CAT
WELL 10E BLOW RIVER YT
E47-68-20-137-15
COMPANY IMPERIAL OIL ENTERPRISES LTD.

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WELL 10E BLOW RIVER YT
FIELD WILD CAT
PROVINCE YUKON TERRITORIES
LOCATION 68° 46' 20" N LAT. 137° 27' 13" W LONG.
Permanent Datum G.L. Elev. 358
Log Measured From K.E. 15 Ft Above Perm Datum Elev. K.B. 384
Other Services: SLP-SR, SNP-SR, FDC-SR, HDT, CIS
Elev. G.L. 358
Elev. K.B. 384
G.L. 358
K.B. 384

Date	Run No	First Reading	Last Reading	Feet Measured	Depth Reached	Bottom Driller	Csg SDC	Csg Driller	Mud Nature	Mud Visc	Mud pH	Water Loss	Res	Km	at BHT	Number of Samples	Other Remarks
22 JUNE 70	4136	9997	9992	4046	5949						9.2	10.0	9.4	62	2.05	2	2 HRS USO-C 362 REV PUNTS CARPARK
28 AUG 70	4137	9997	9992	4046	5949						9.2	17.0	9.4	62	2.05	2	2 HRS USO-C 362 REV PICKFORD MAGNOL
9 NOV 70	4138	9997	9992	4046	5949						9.2	13.2	9.4	62	2.05	2	2 HRS USO-C 362 REV CHADBUCK MAGNOL

REMARKS
Drilling Stopped 0630 / 22nd
Circulation Stopped 0800 / 22nd
Tool on Bottom 1230 / 22nd
1st Run Service Order #: 2942
B.H.T. 90
1700 / 26th
0100 / 27th
161 F

RUN #1 DRILL STEM TEST DST # 1 = 0.605 45°F

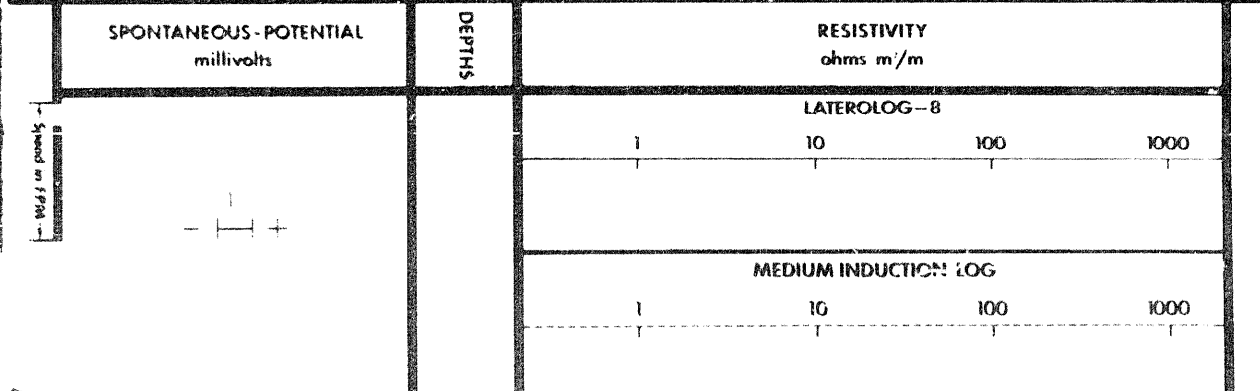
Stand Off = 1.2 Inches	SL - BHT	0300 / 27th	161°F
Cartridge No. 117	SLC-SR - BHT	2200 / 27th	163°F
Panel No. 205	FDC-SR - BHT	0200 / 28th	168°F
Sands No. 30	SNP-SR - BHT	0600 / 28th	172°F
IAP-D No. 124	HDT - BHT	1100 / 28th	175°F
SBR			

RUN #2 ILD APPEARS TO READ TOO LOW

REMARKS
Drilling Stopped 1136 / 25th
Circulation Stopped 2300 / 25th
Tool on Bottom 2700 / 25th
1st Run Service Order #: 2942
B.H.T. 201

TEMPERATURE THERM. # 1 = 198°F
2 = 204°F

Stand Off = 1.2 Inches		
Cartridge No. 117		
Panel No. 205		
Sands No. 30		
IAP-D No. 124		
SBR		

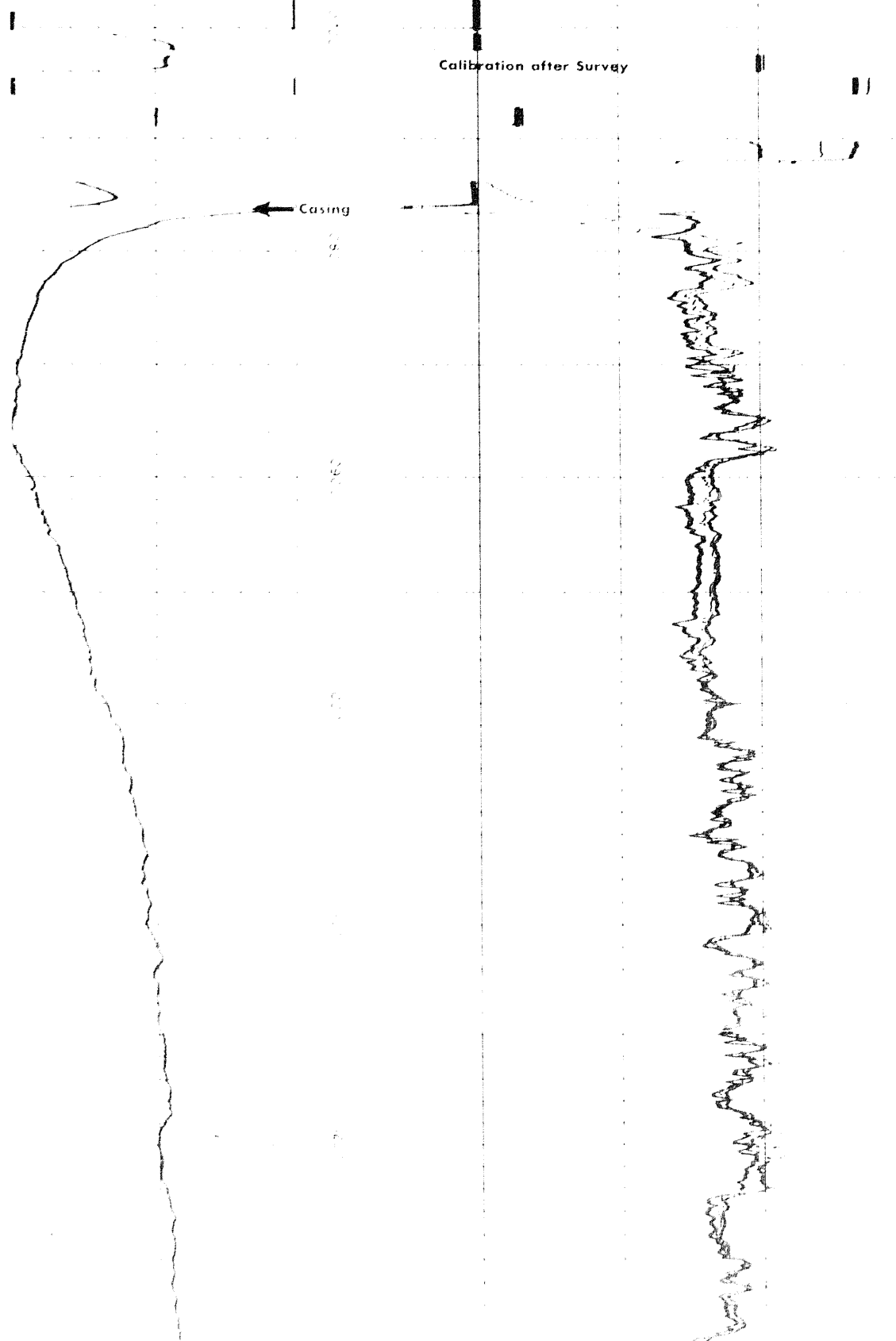


10410

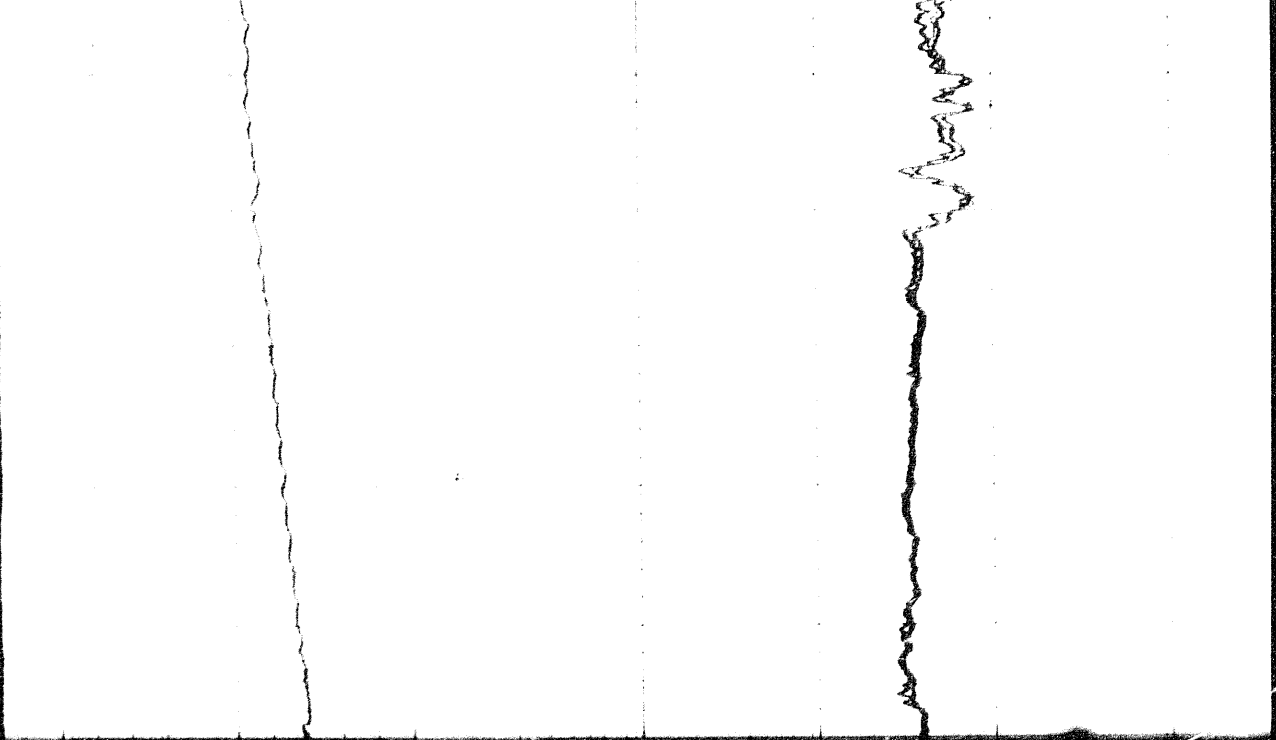
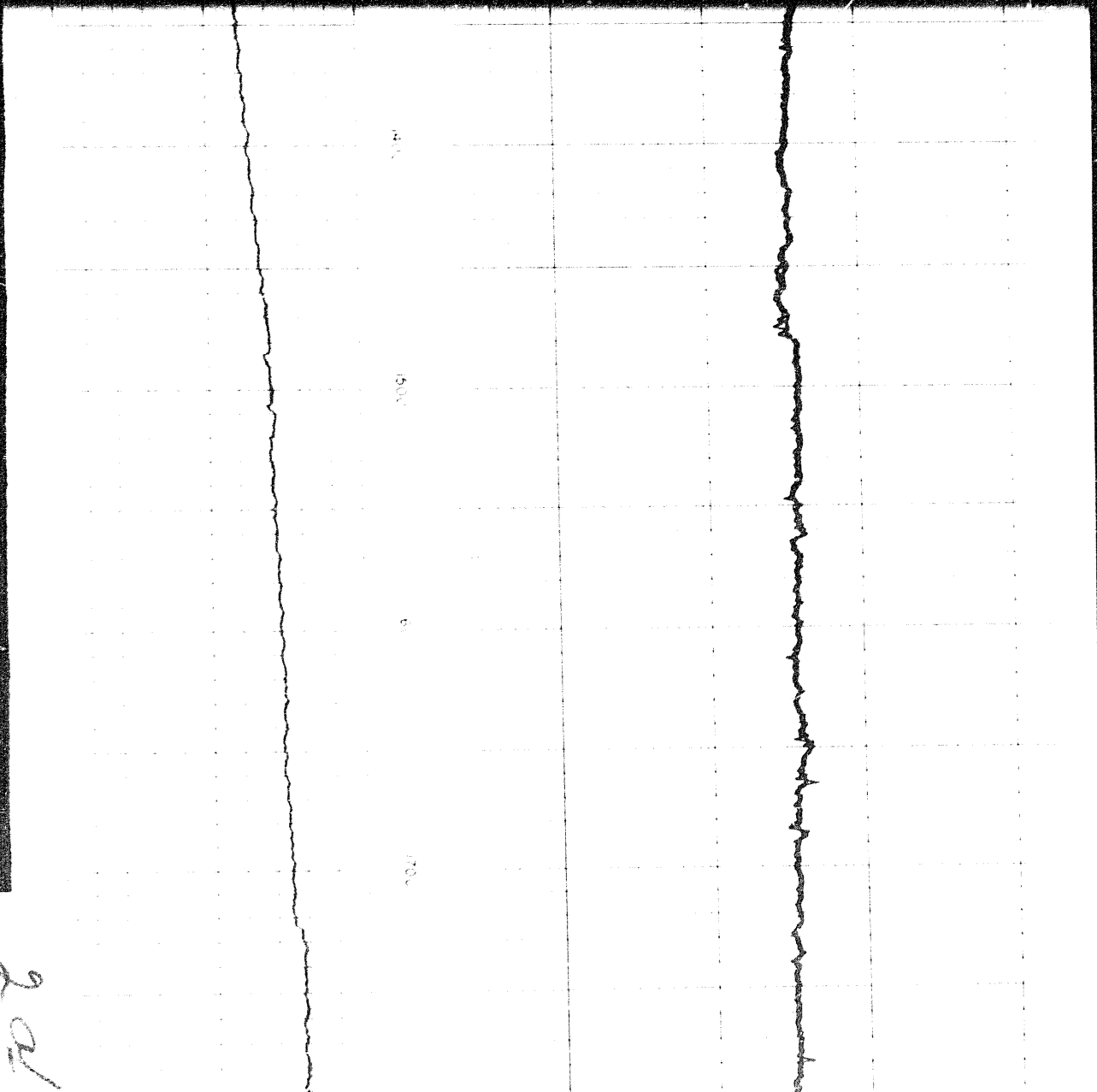
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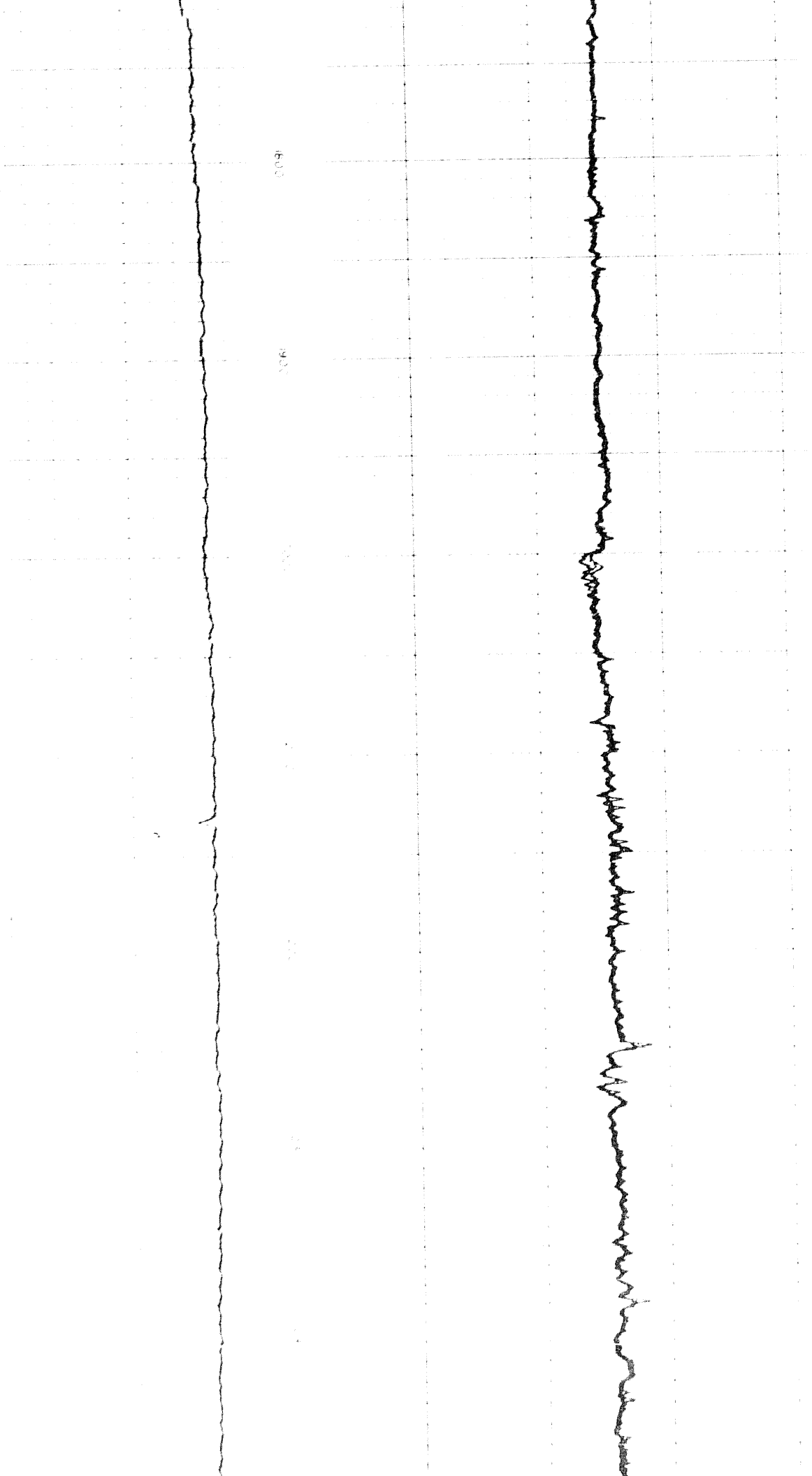
MEDIUM INDUCTION LOG			
1	10	100	1000
DEEP INDUCTION LOG			
1	10	100	1000



706



702



009

006

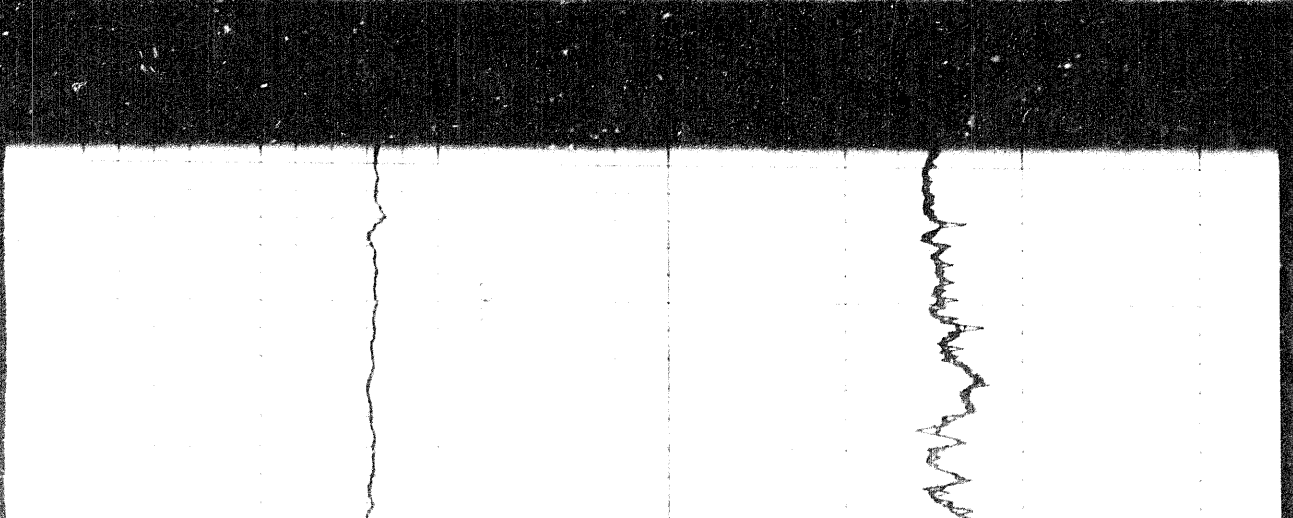
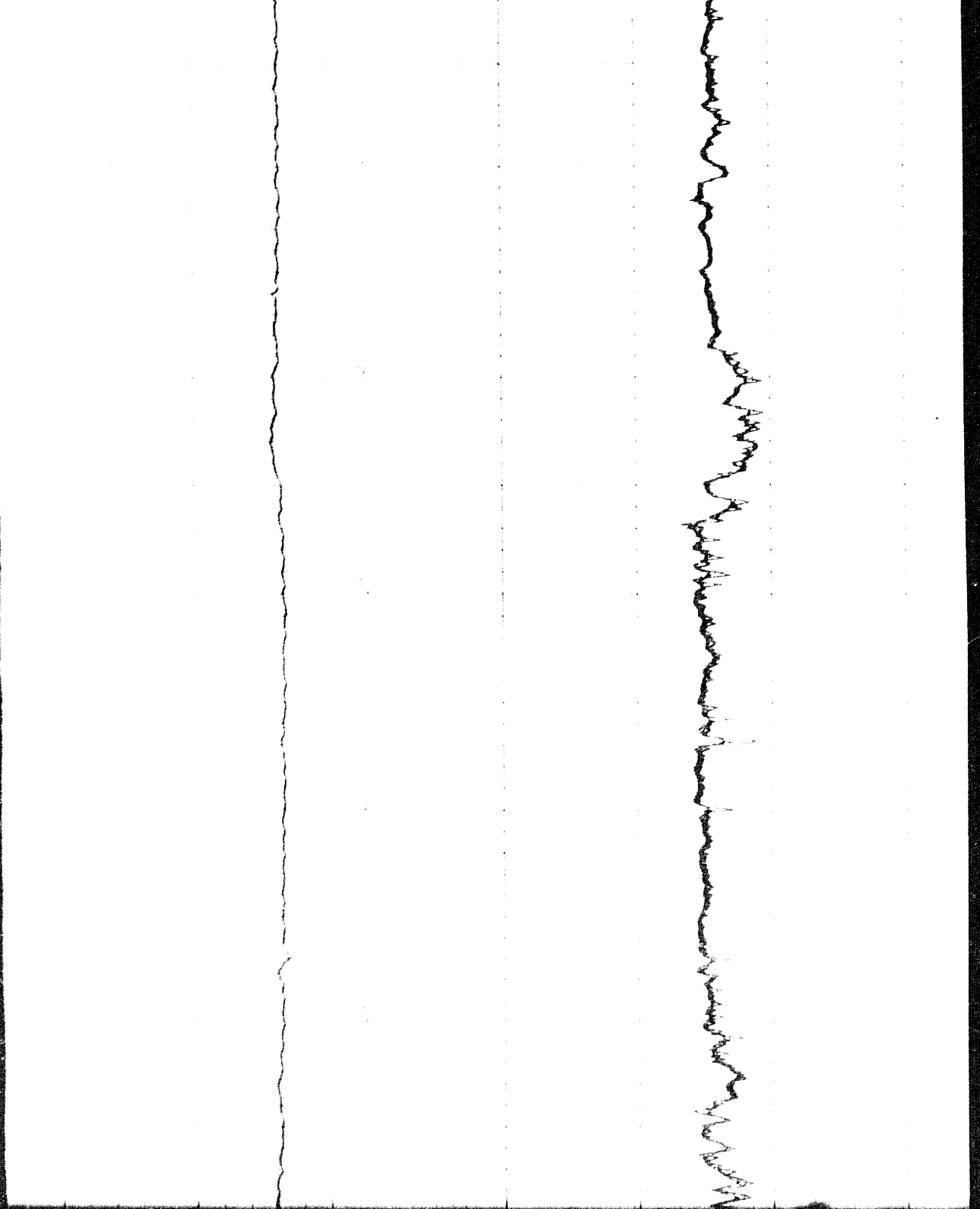
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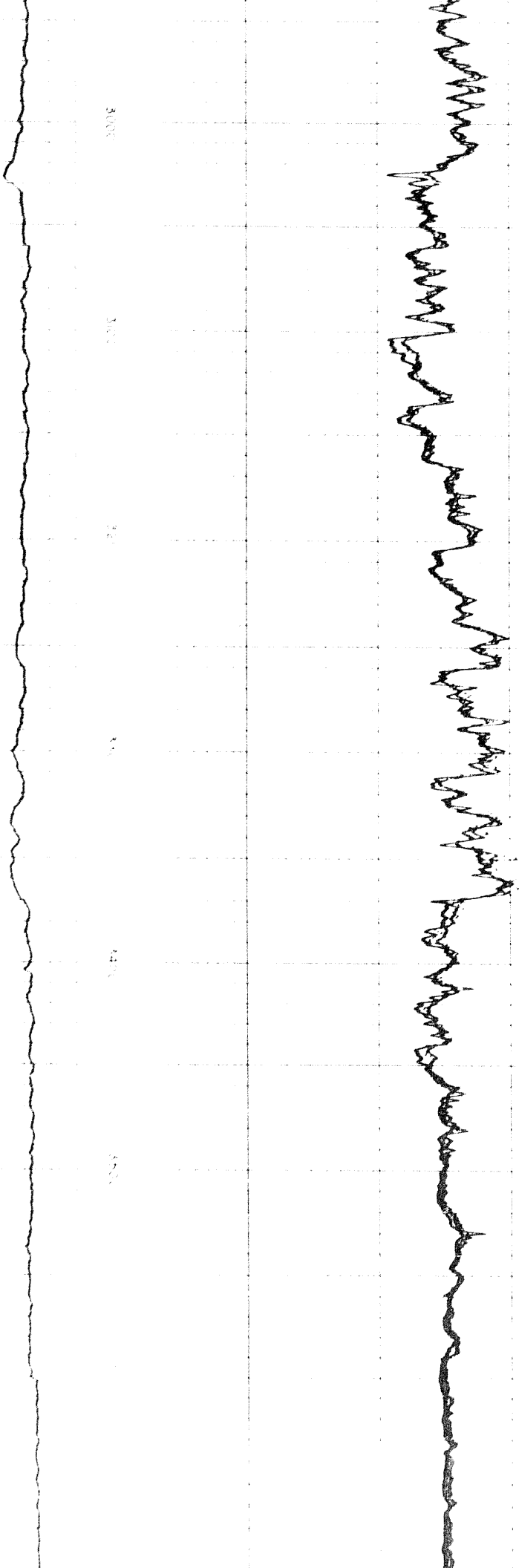
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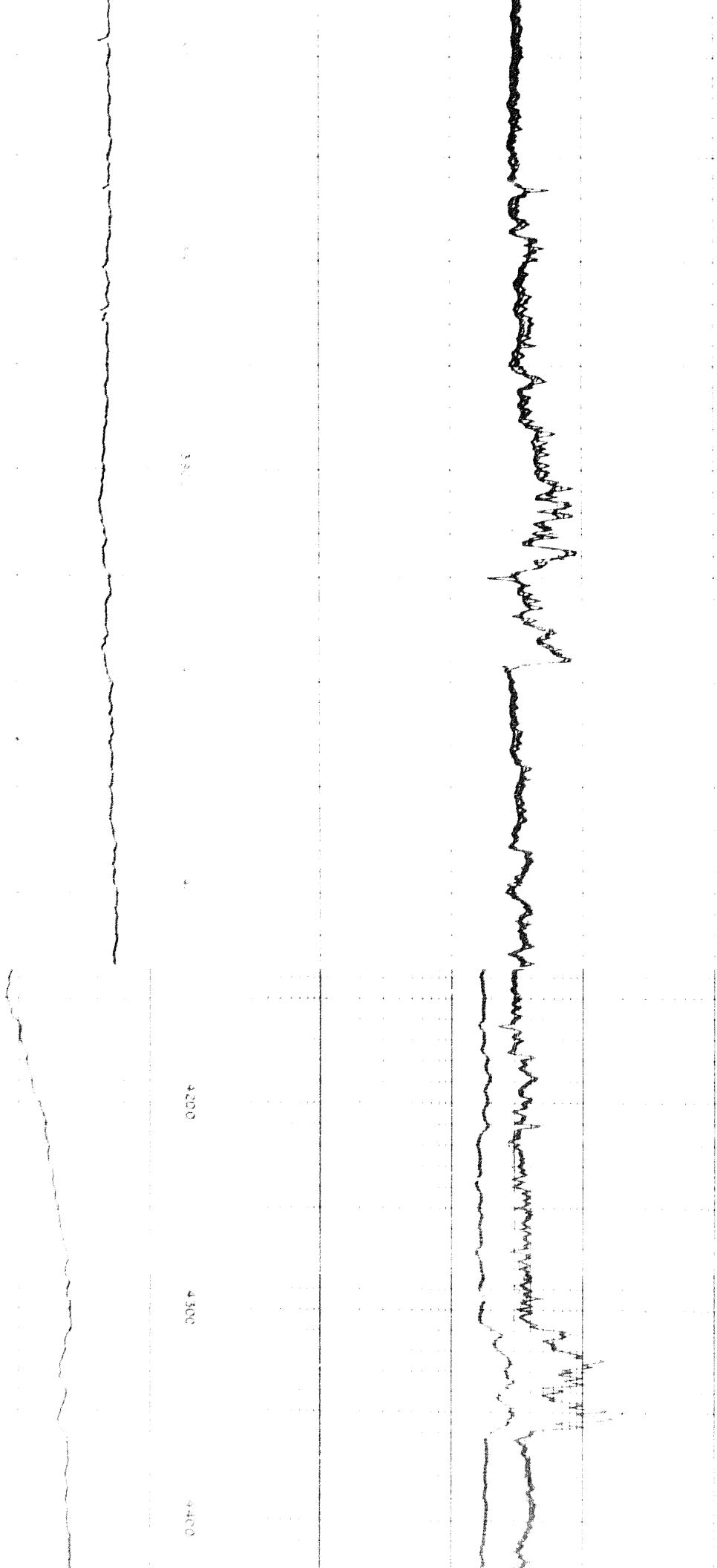
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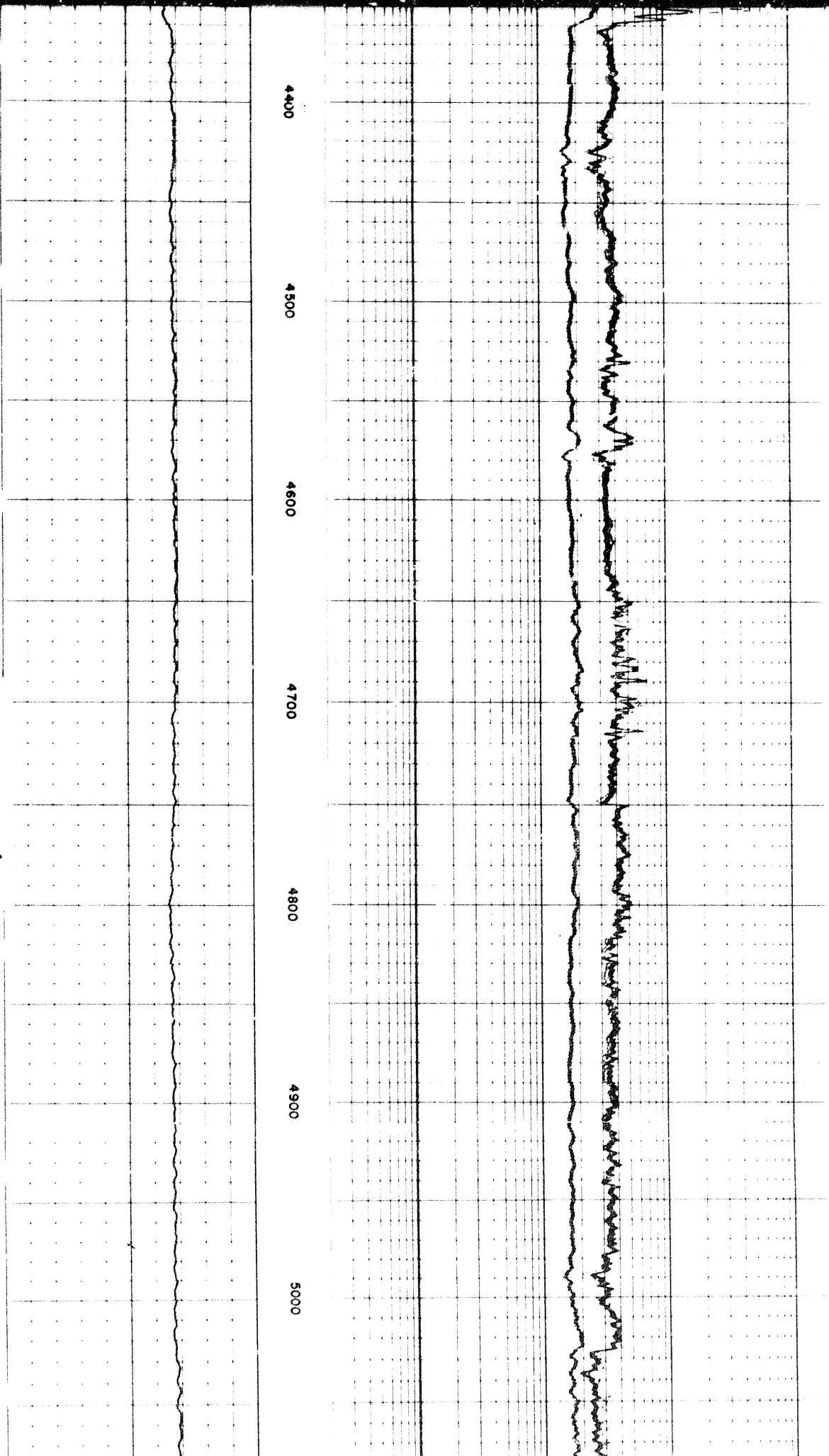
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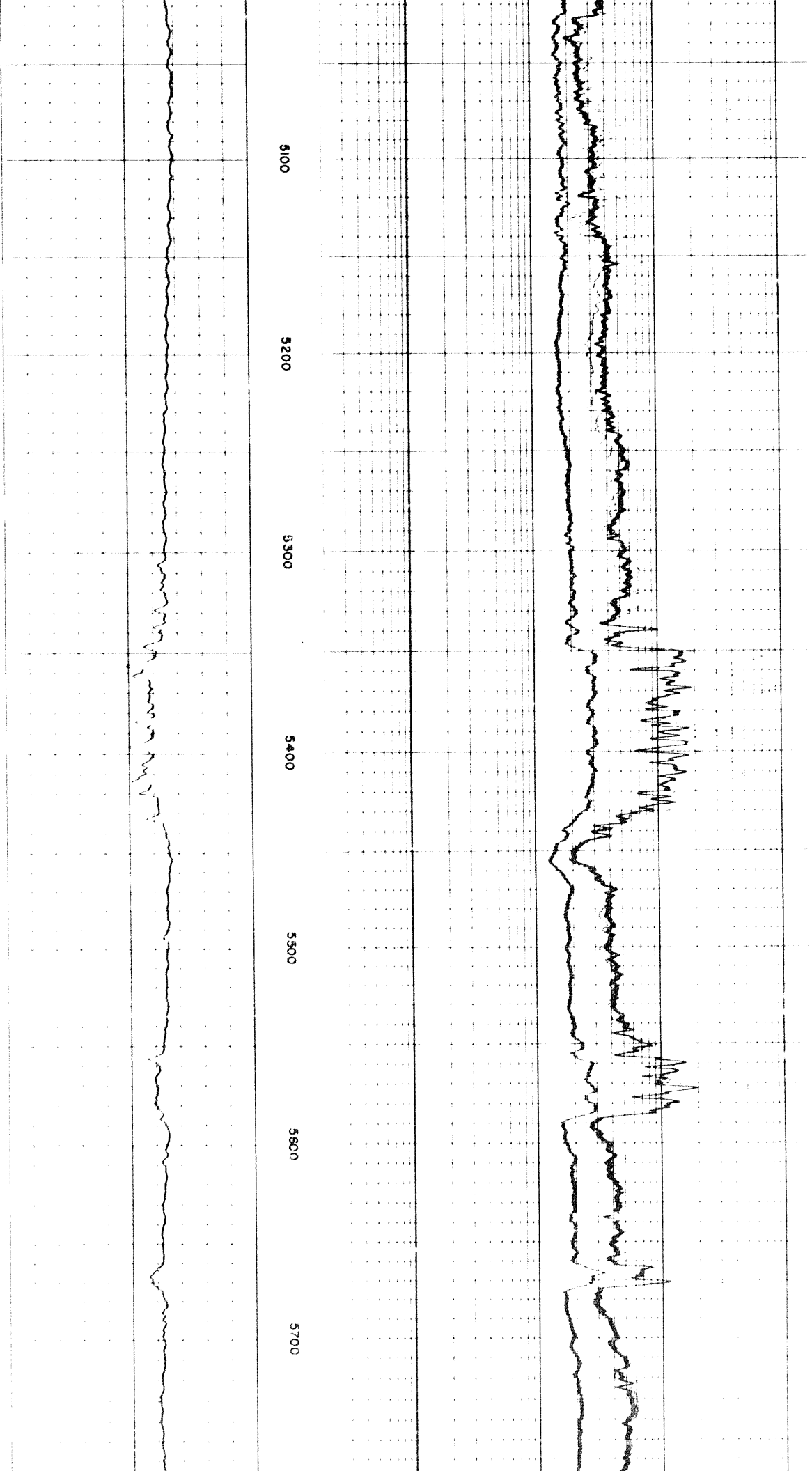


Run 1 → ← Run 2



14 of





5100

5200

5300

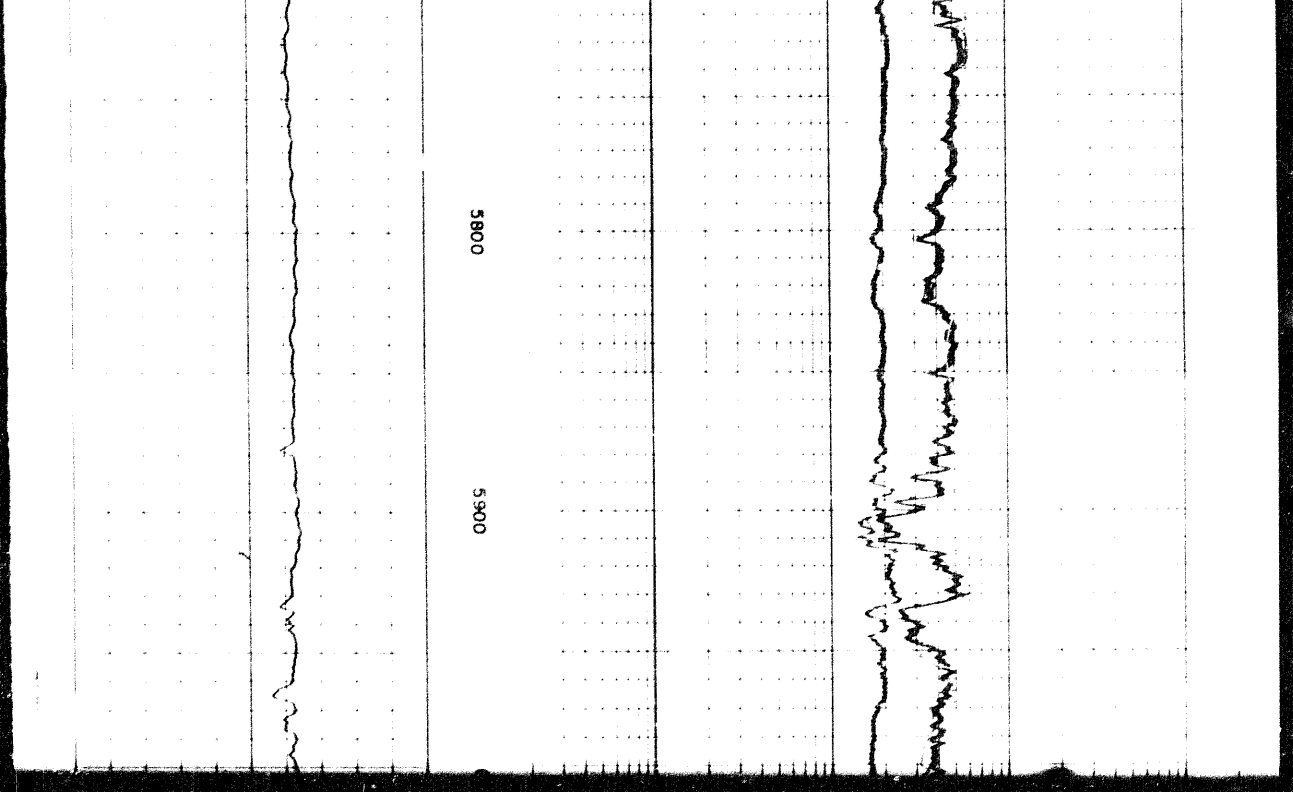
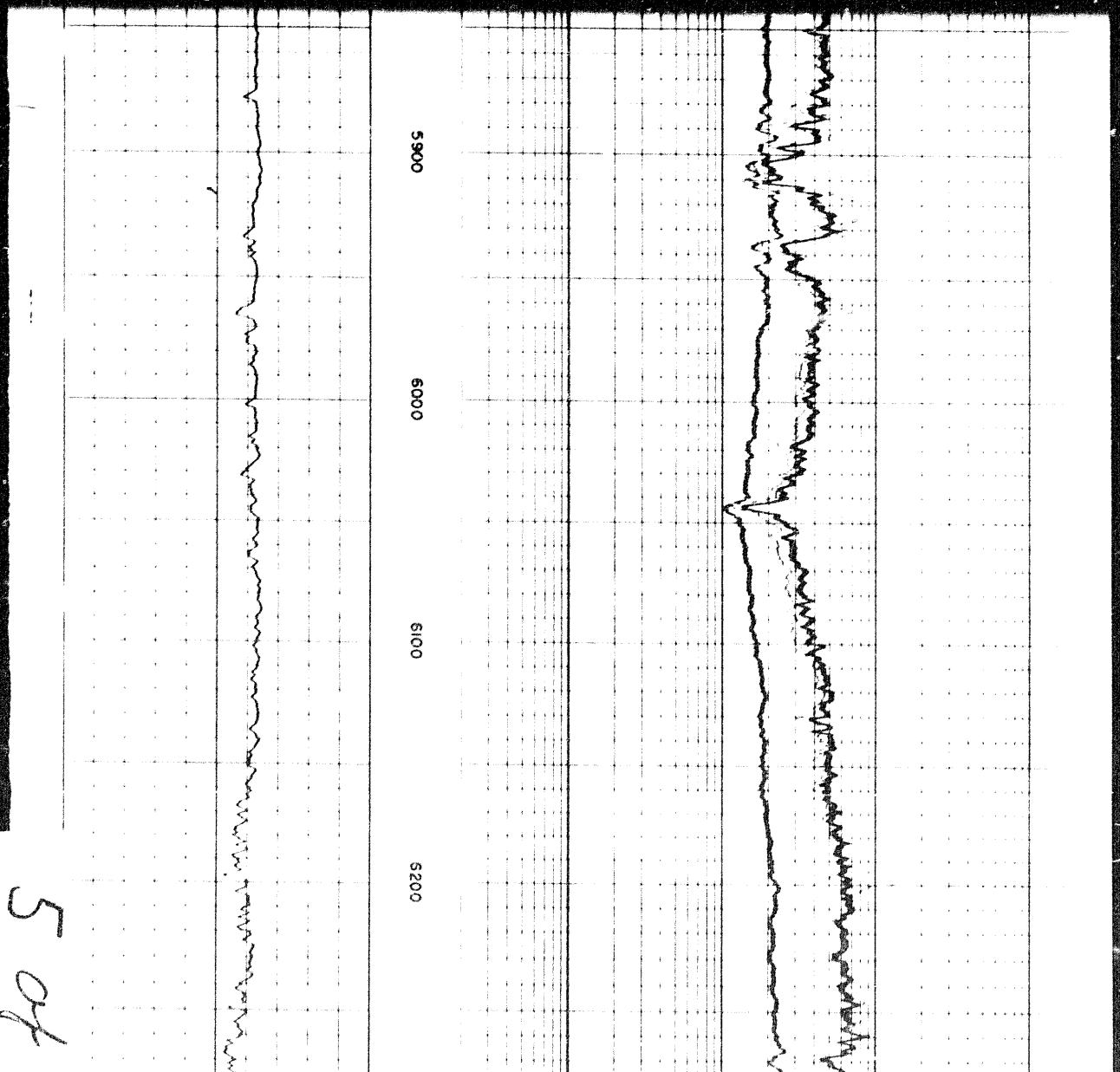
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5500

5600

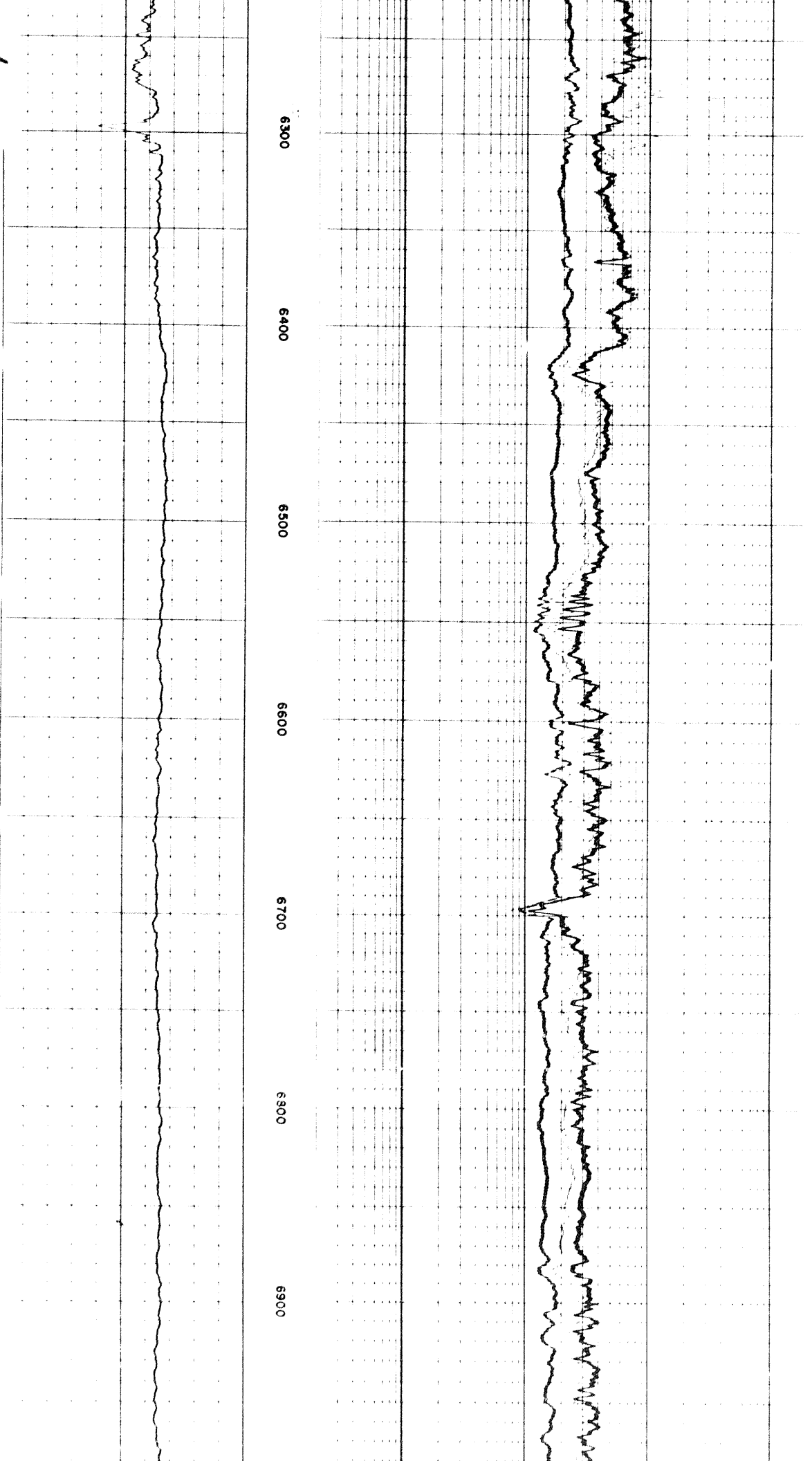
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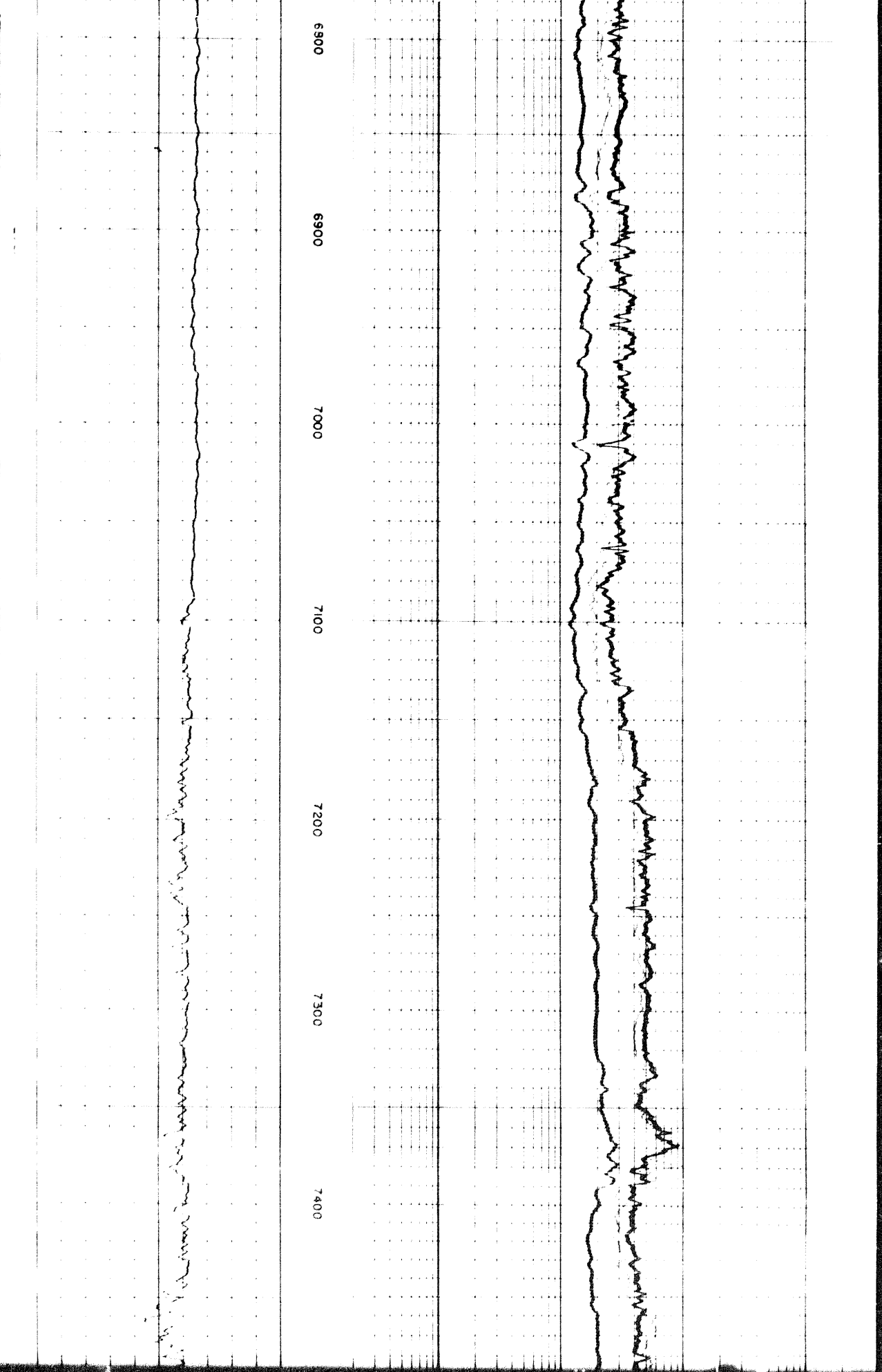
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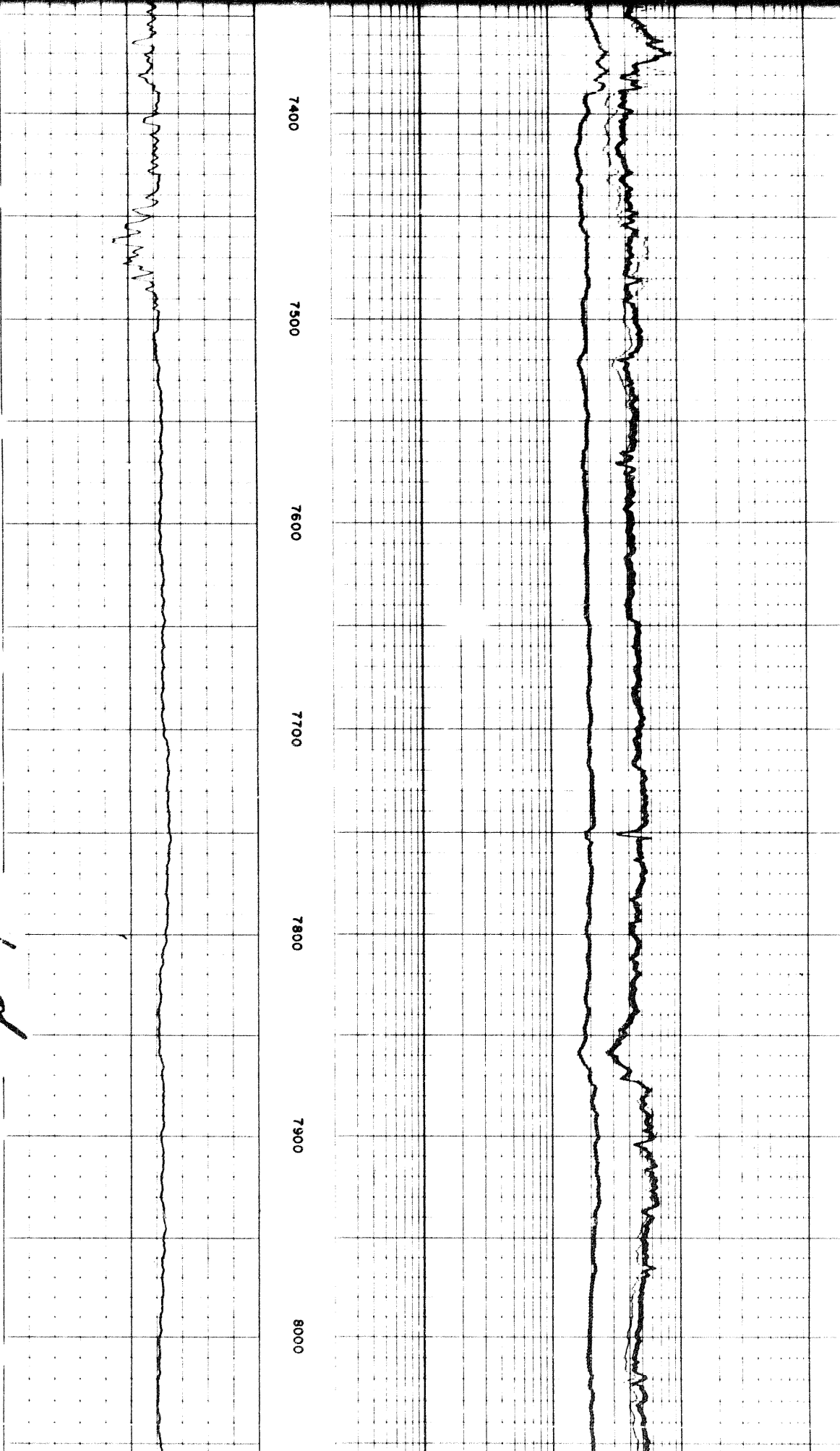


A

of







7400

7500

7600

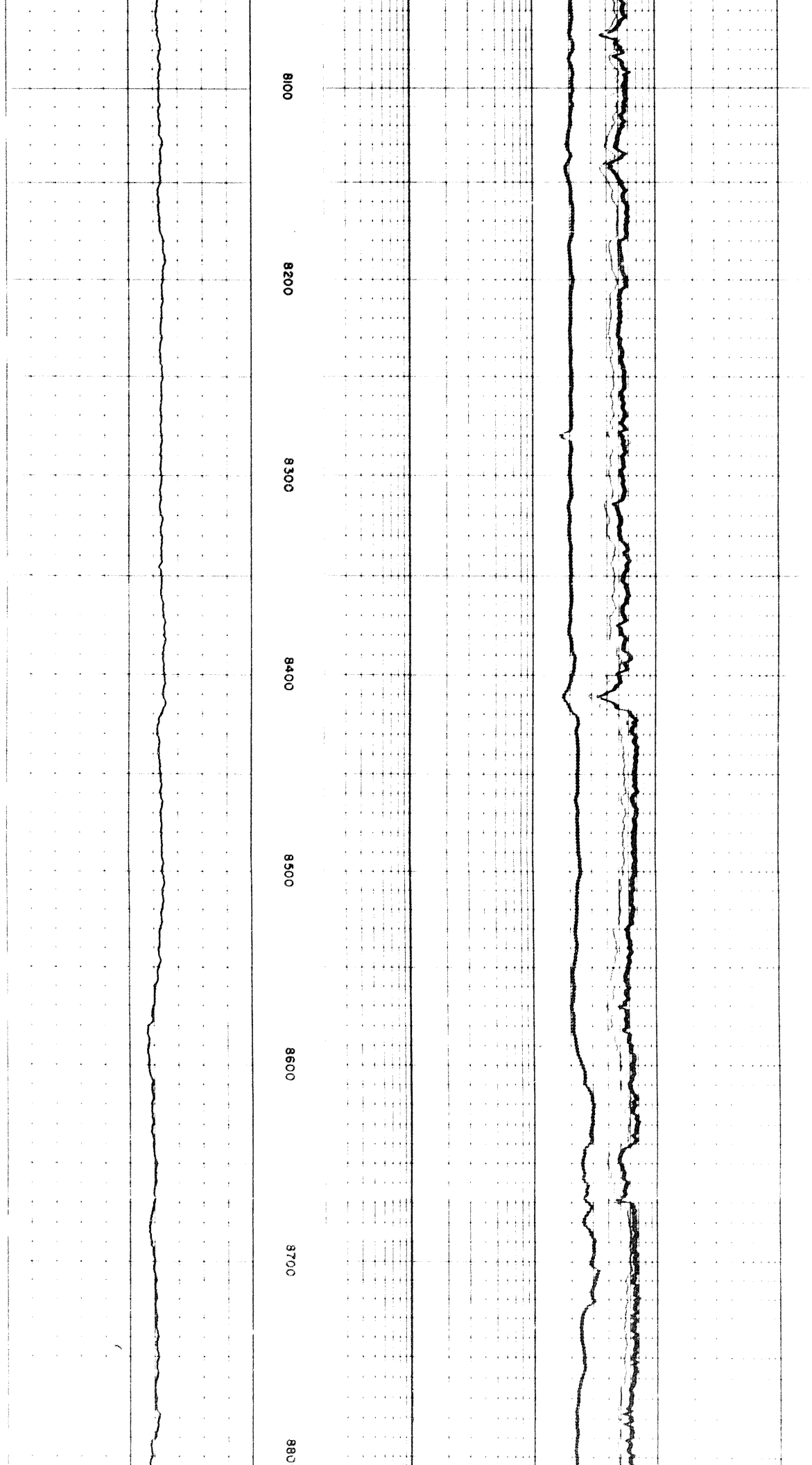
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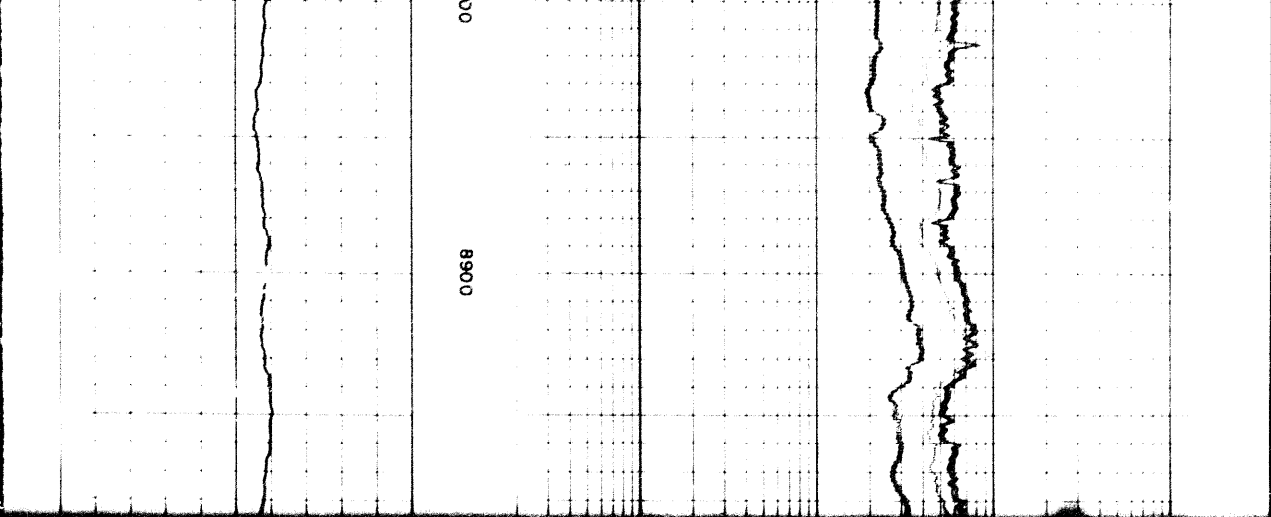
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7900

8000

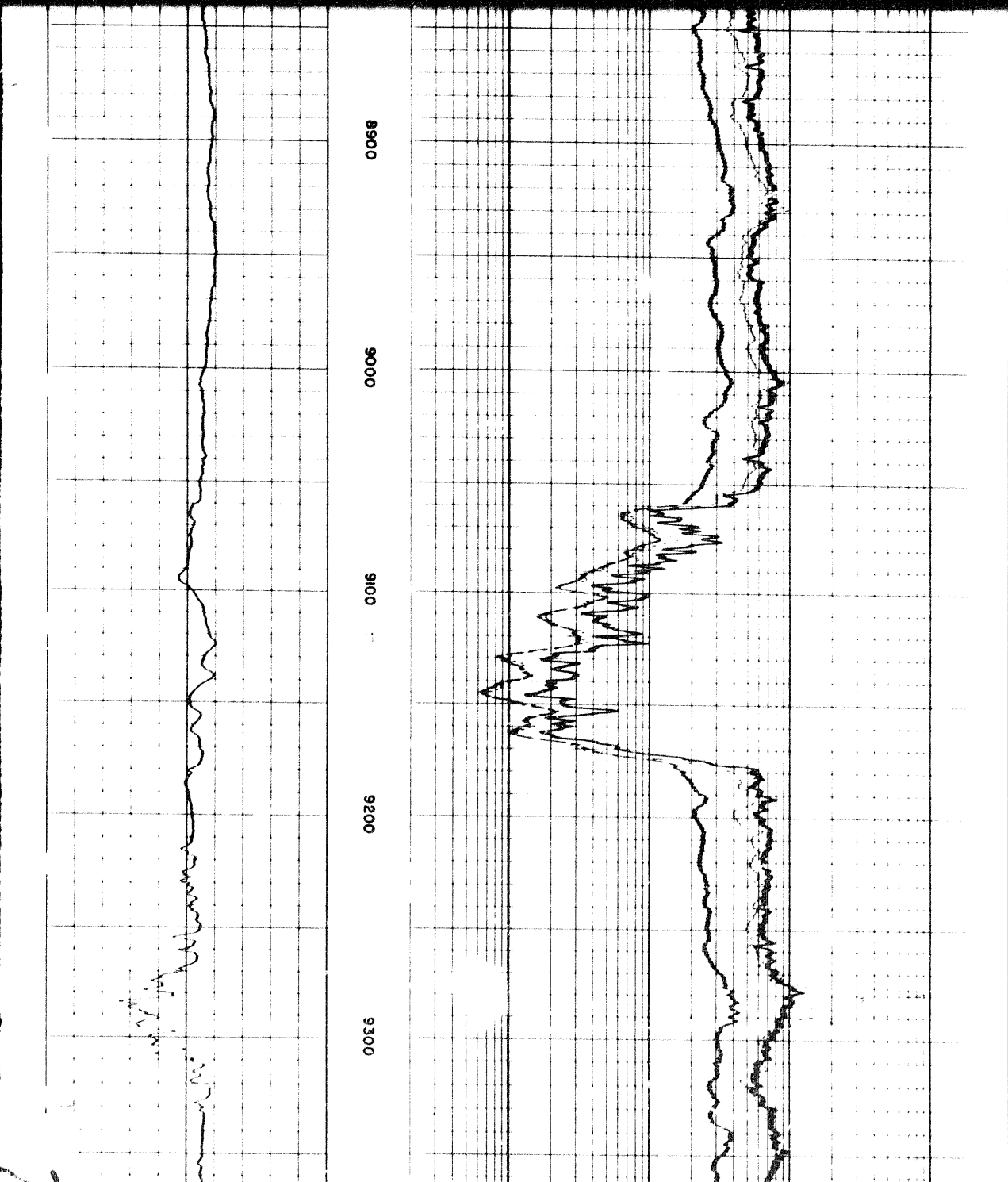
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8900



8900

9000

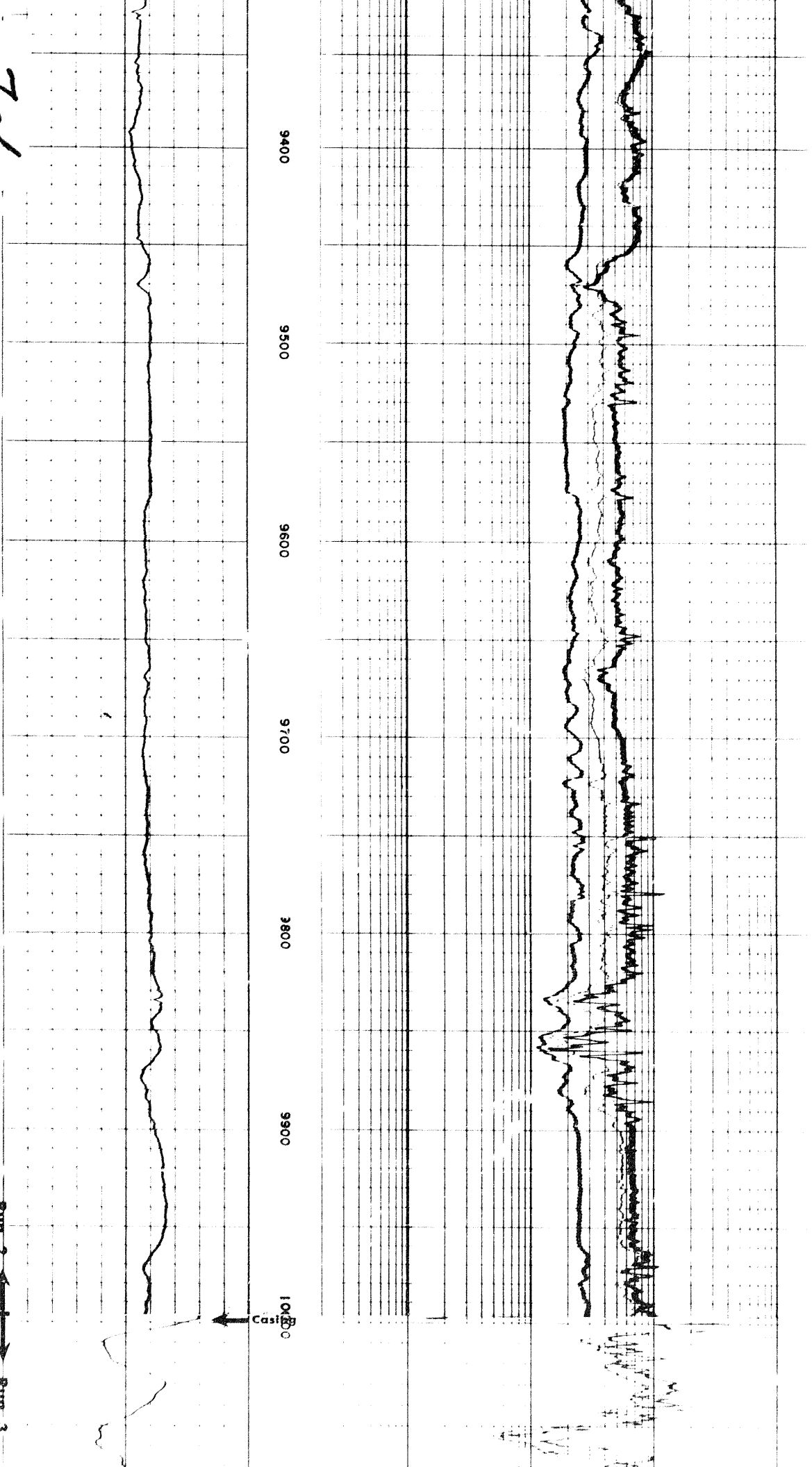
9100

9200

9300

707

Run 2 → ← Run 3



9400

9500

9600

9700

9800

9900

Casing →

Run 2 ← | → Run 3

9800

9900

10000

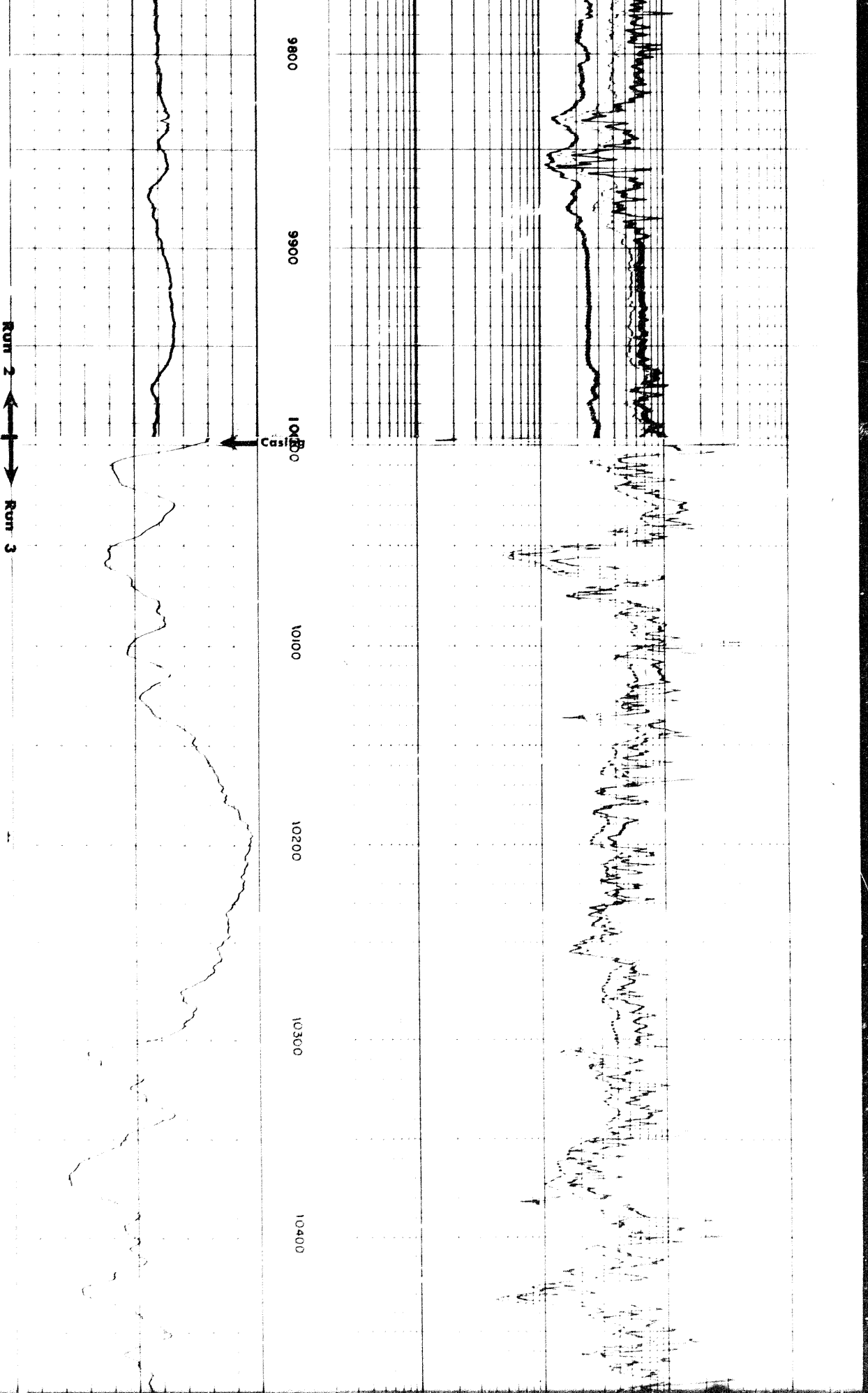
10100

10200

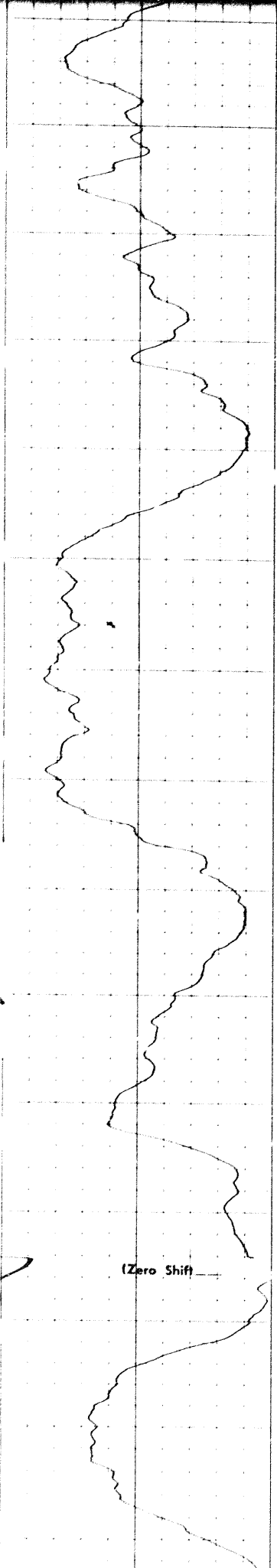
10300

10400

Cas



807



10400

10500

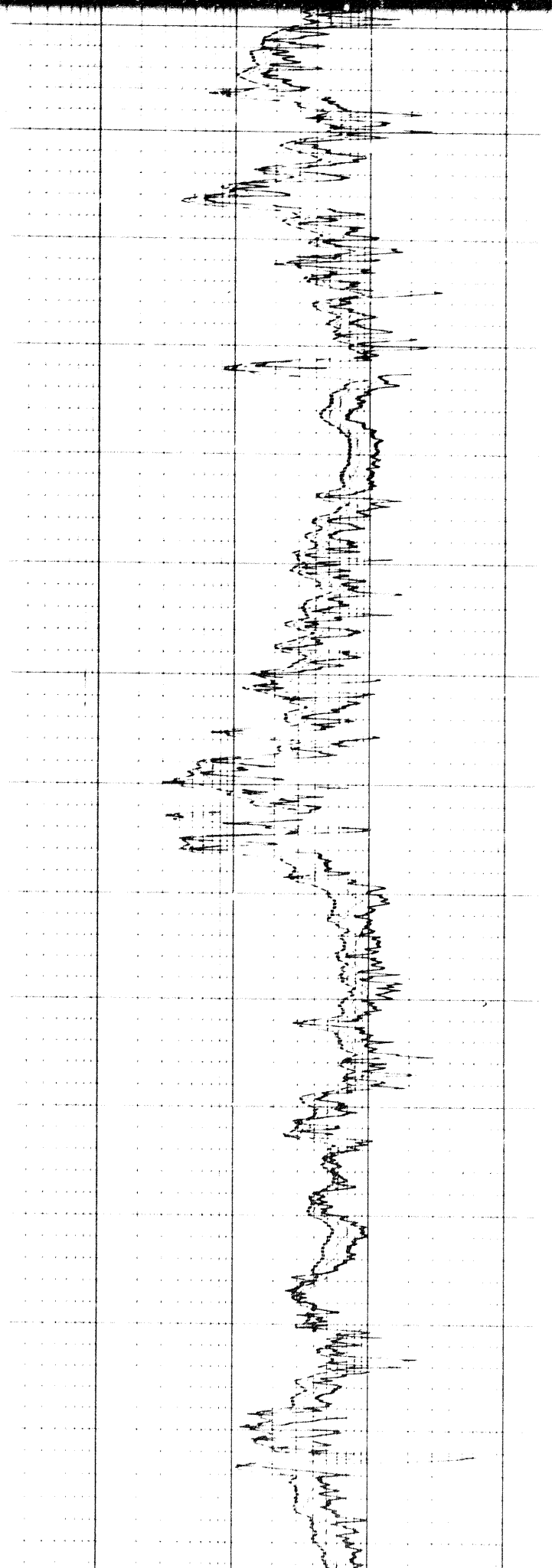
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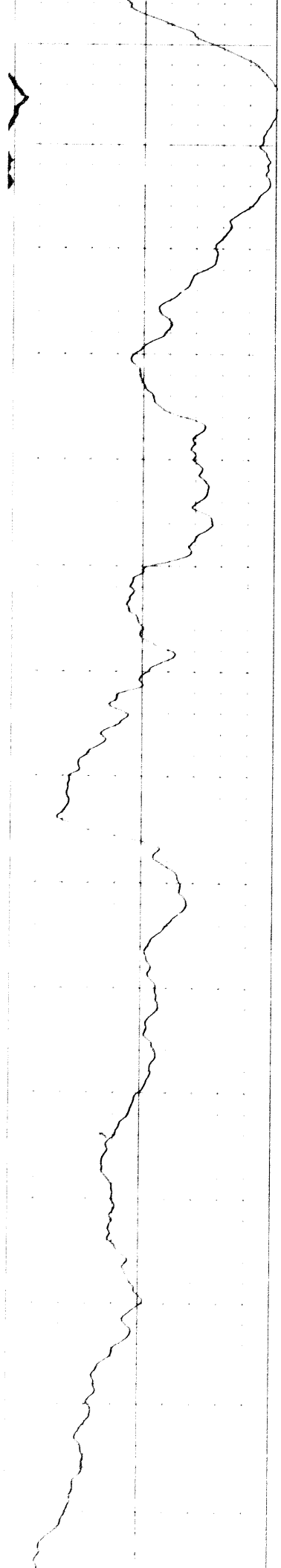
10700

10800

10900

10000





1100

1200

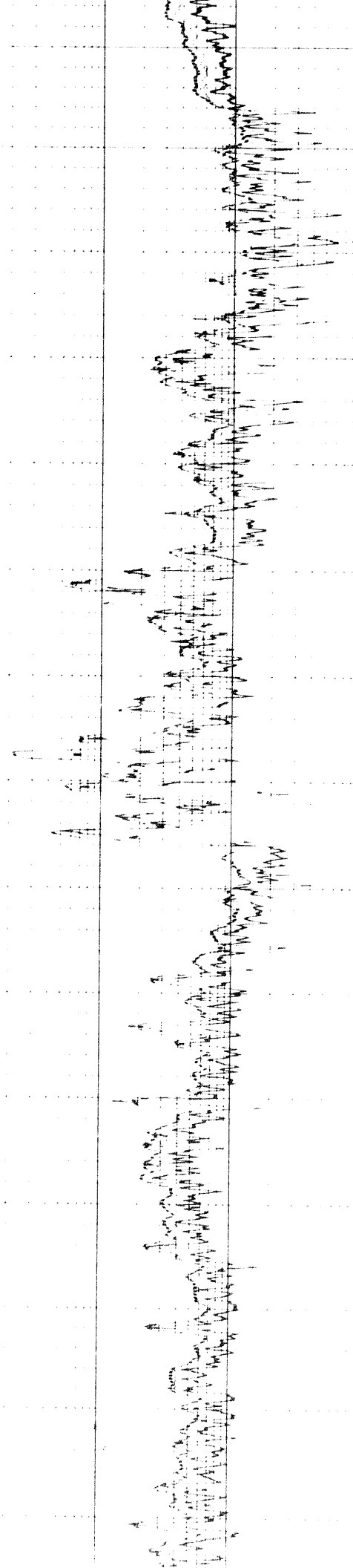
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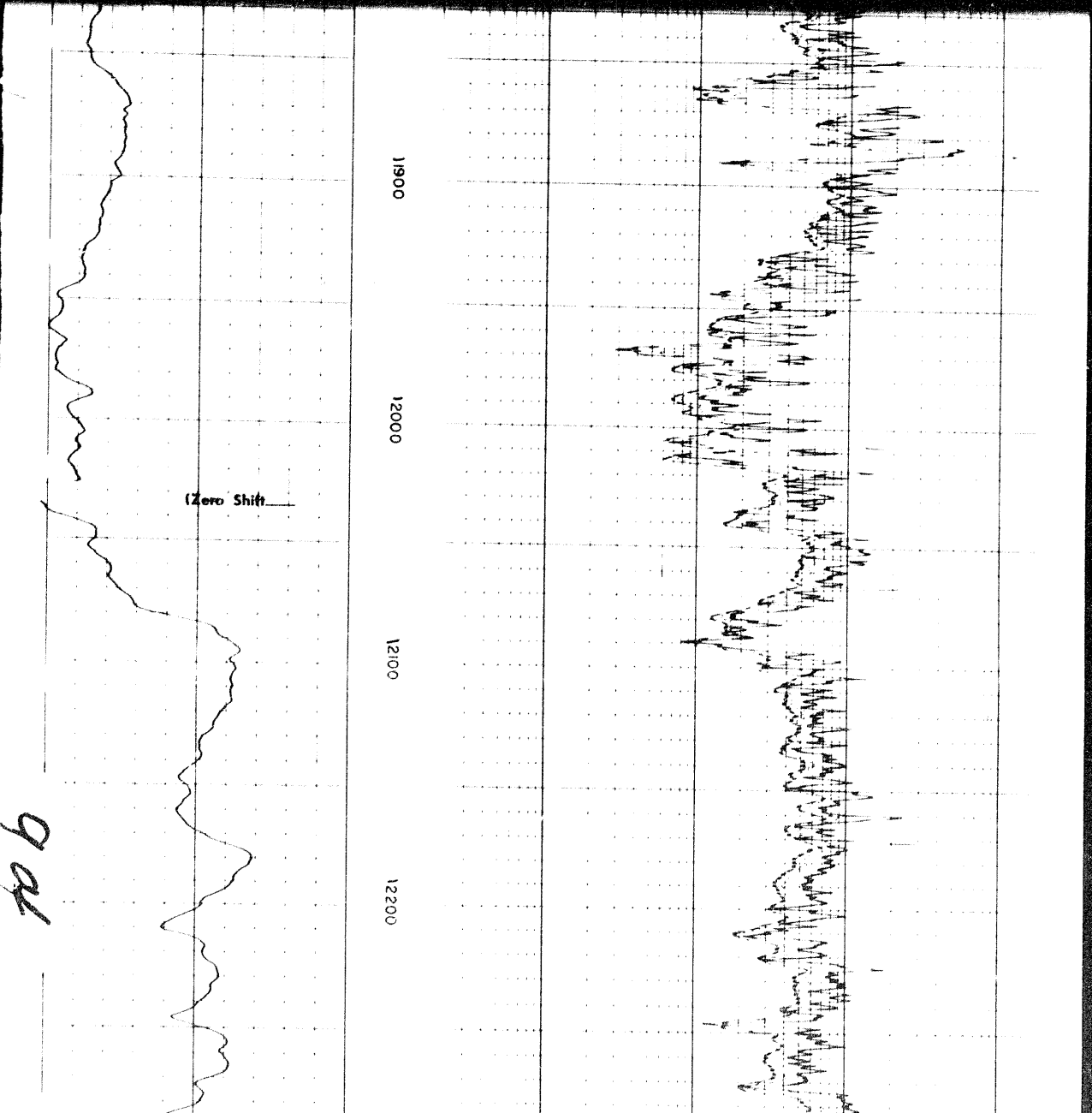
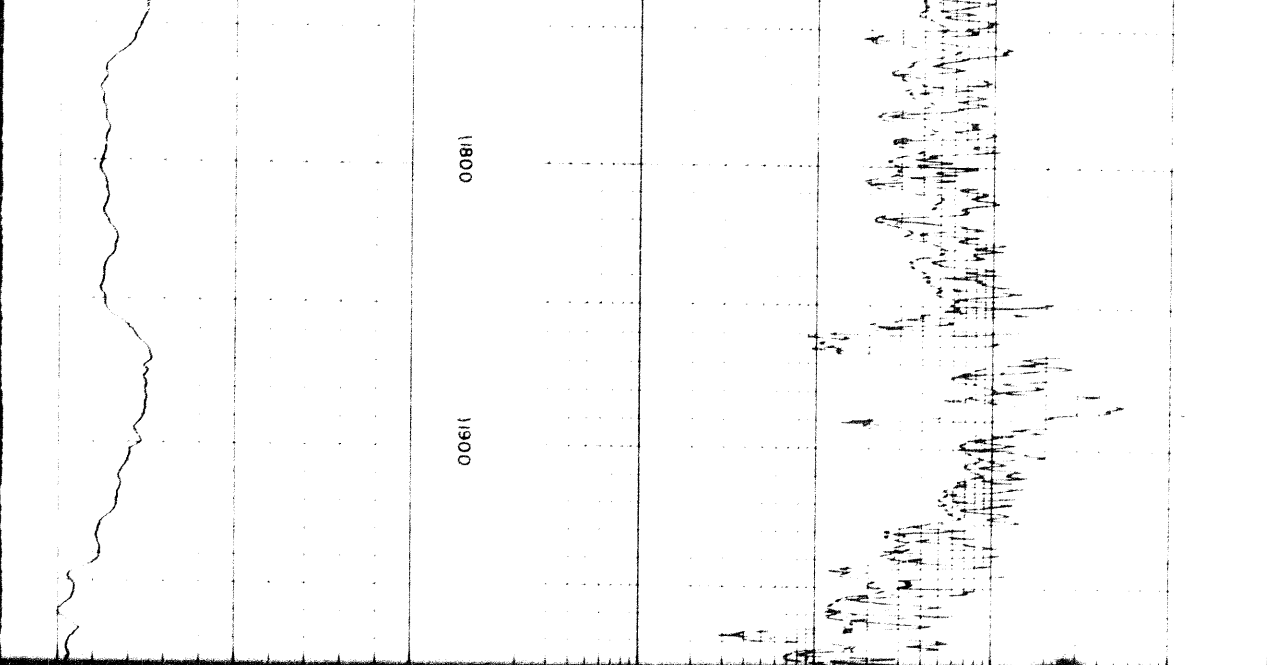
1400

1500

1600

1700





(Zero Shift)

to b

11800

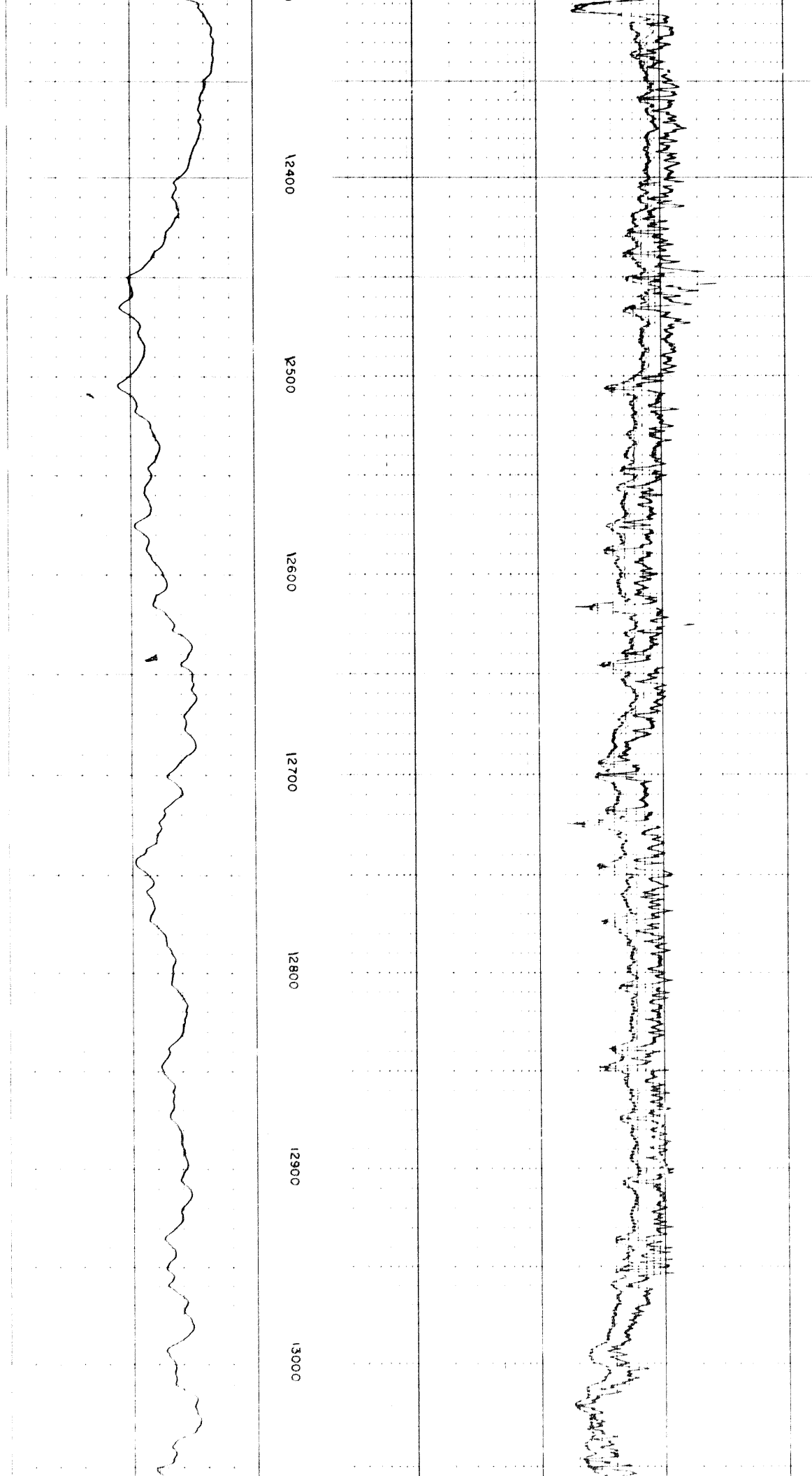
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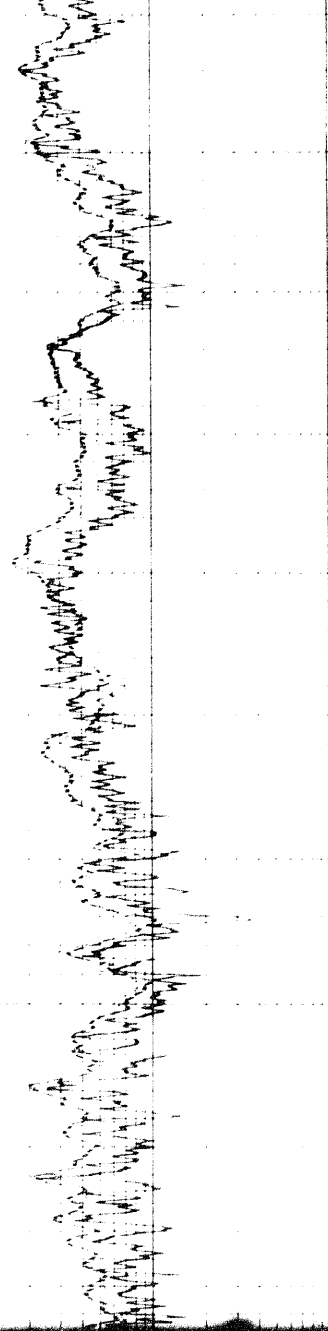
11900

12000

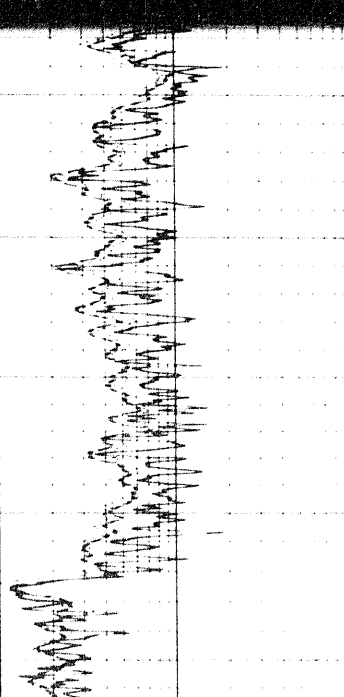
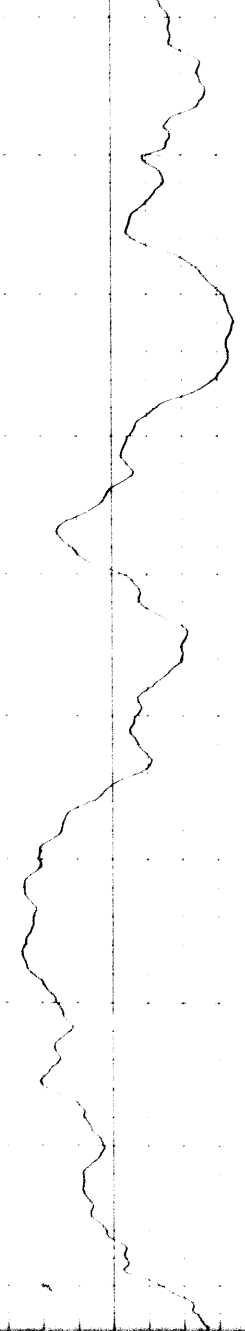
12100

12200

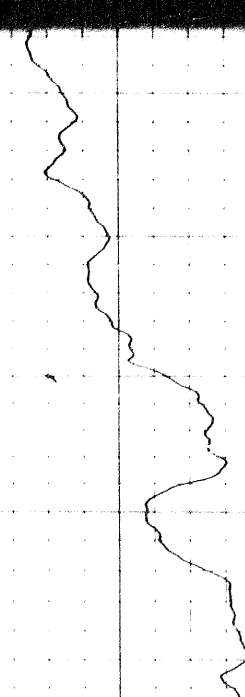




13000 13100 13200 13300 13400

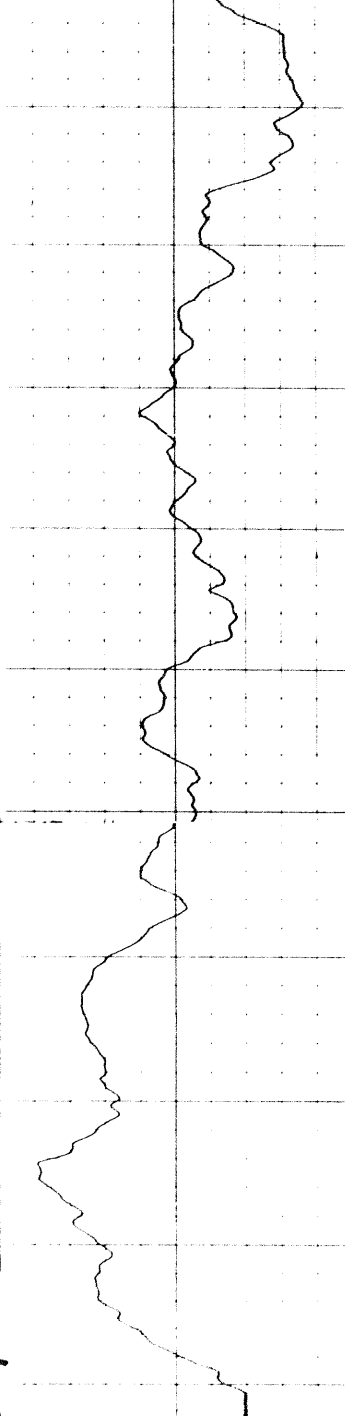


13400 13500

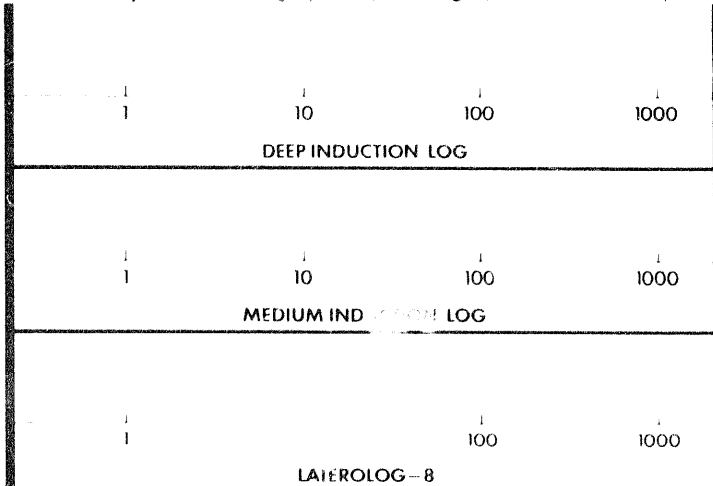
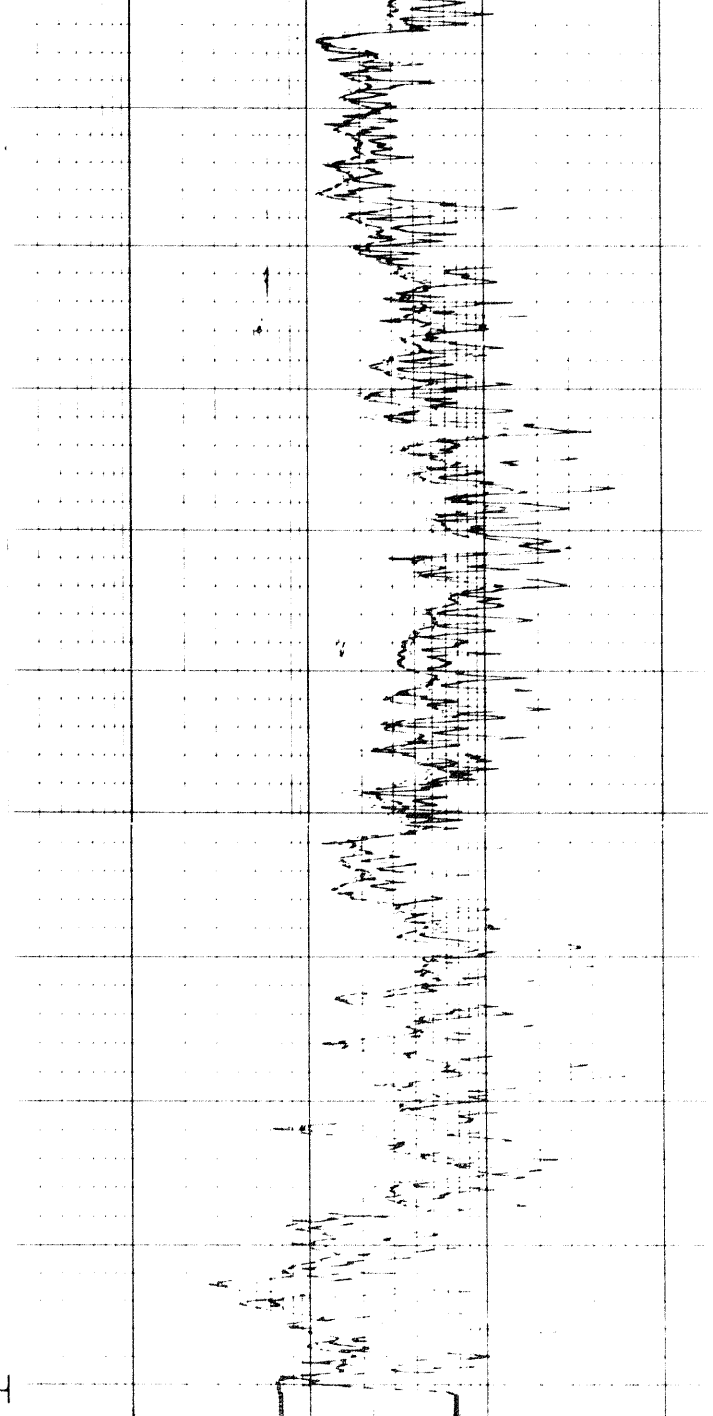


1007

Speed in fpm



13600
13700
13800
13900
FR 14000



SPONTANEOUS - POTENTIAL millivolts	DEPTHS	RESISTIVITY ohms m/m
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DETAIL LOG 5" = 100' RUN 1

SPONTANEOUS - POTENTIAL	DE	RESISTIVITY
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SPONTANEOUS - POTENTIAL
millivolts

DEPTHS

RESISTIVITY
ohms m/m

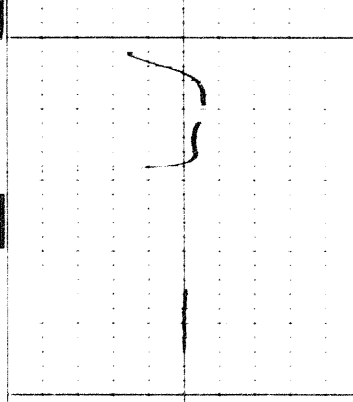
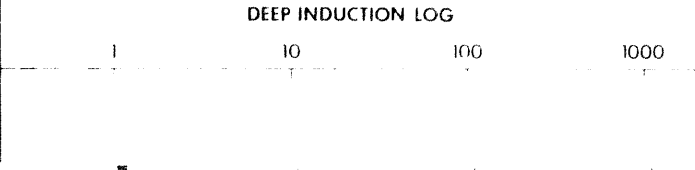
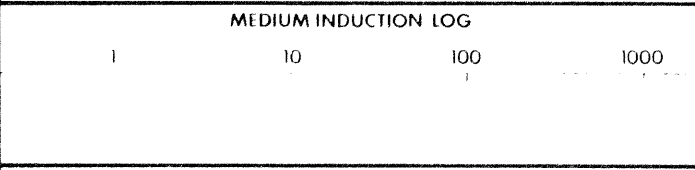
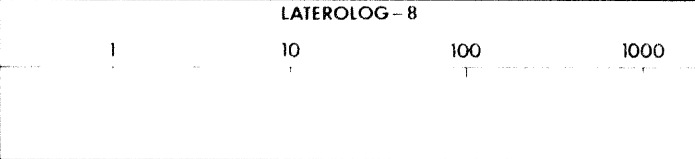
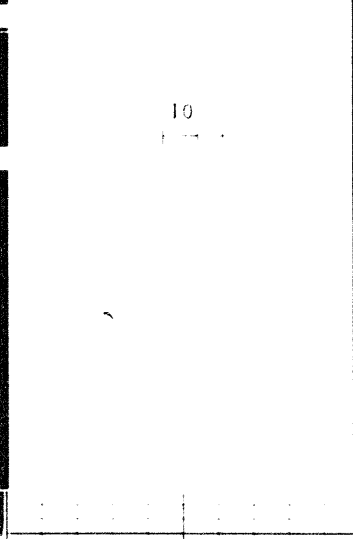
DETAIL LOG 5" = 100' RUN 1

SPONTANEOUS - POTENTIAL
millivolts

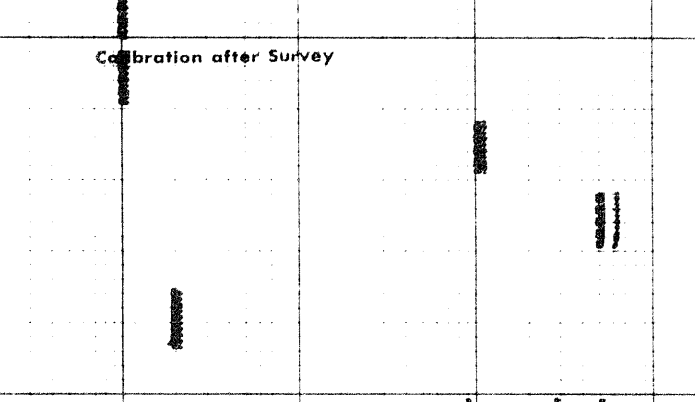
DEPTHS

RESISTIVITY
ohms m/m

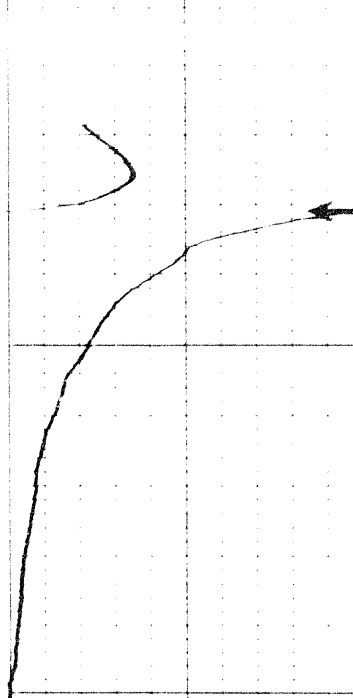
Speed in FPM



0.7000

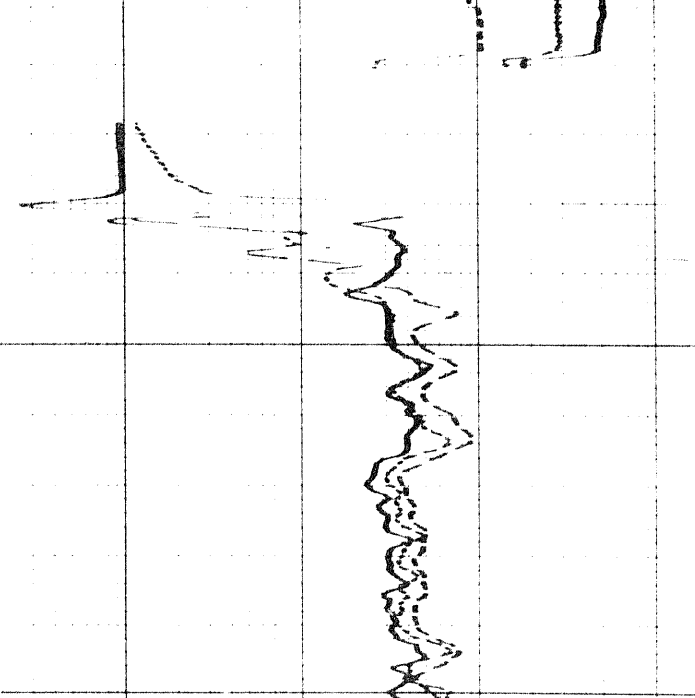


Calibration after Survey

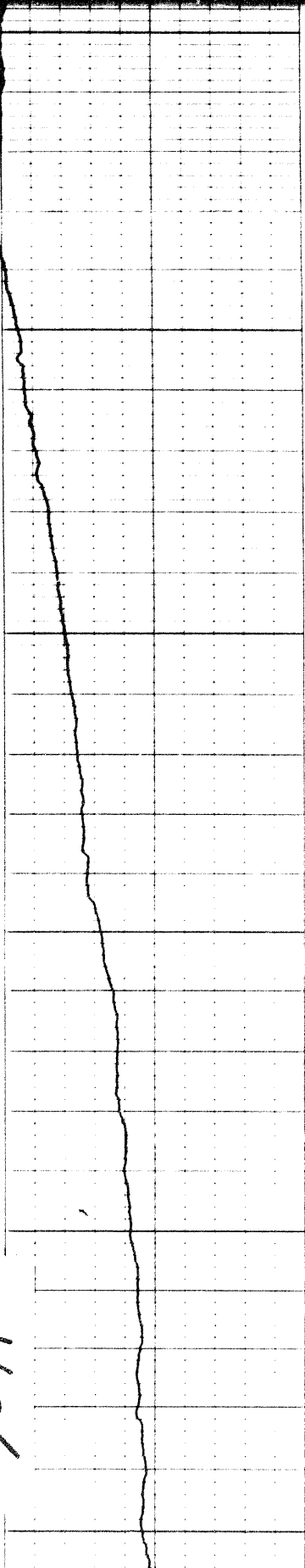


Casing

0.8000



7011

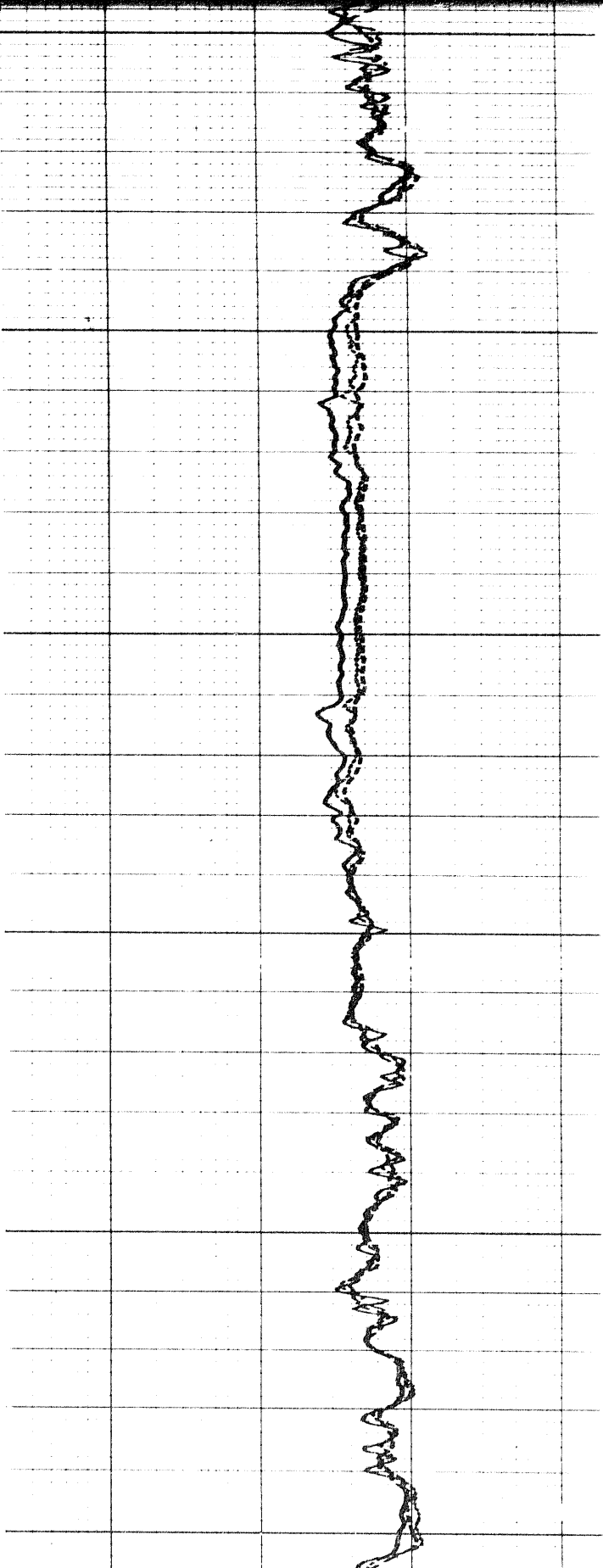


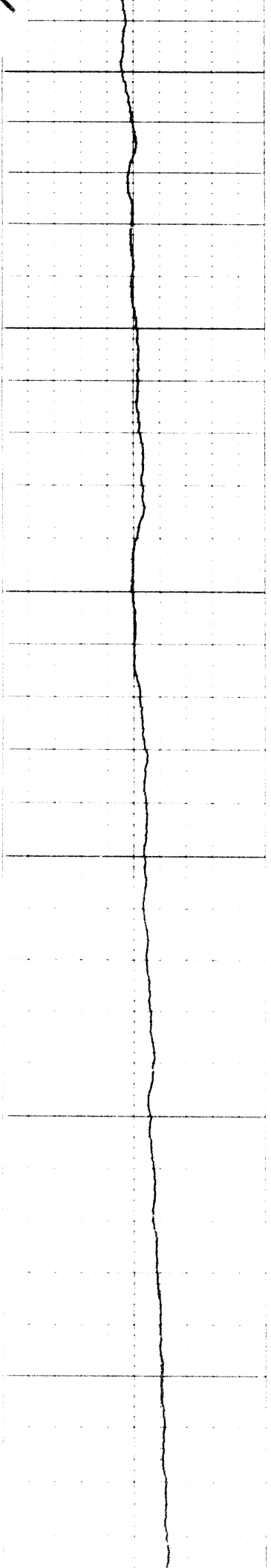
0011

0001

0900

50

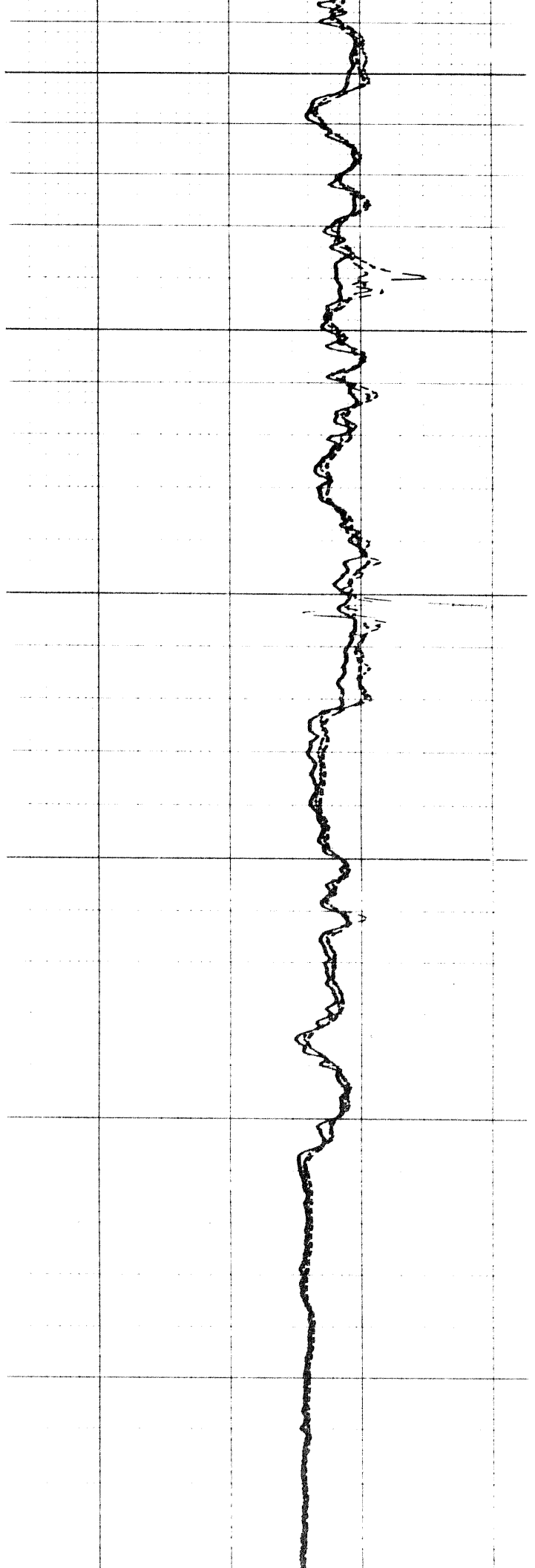


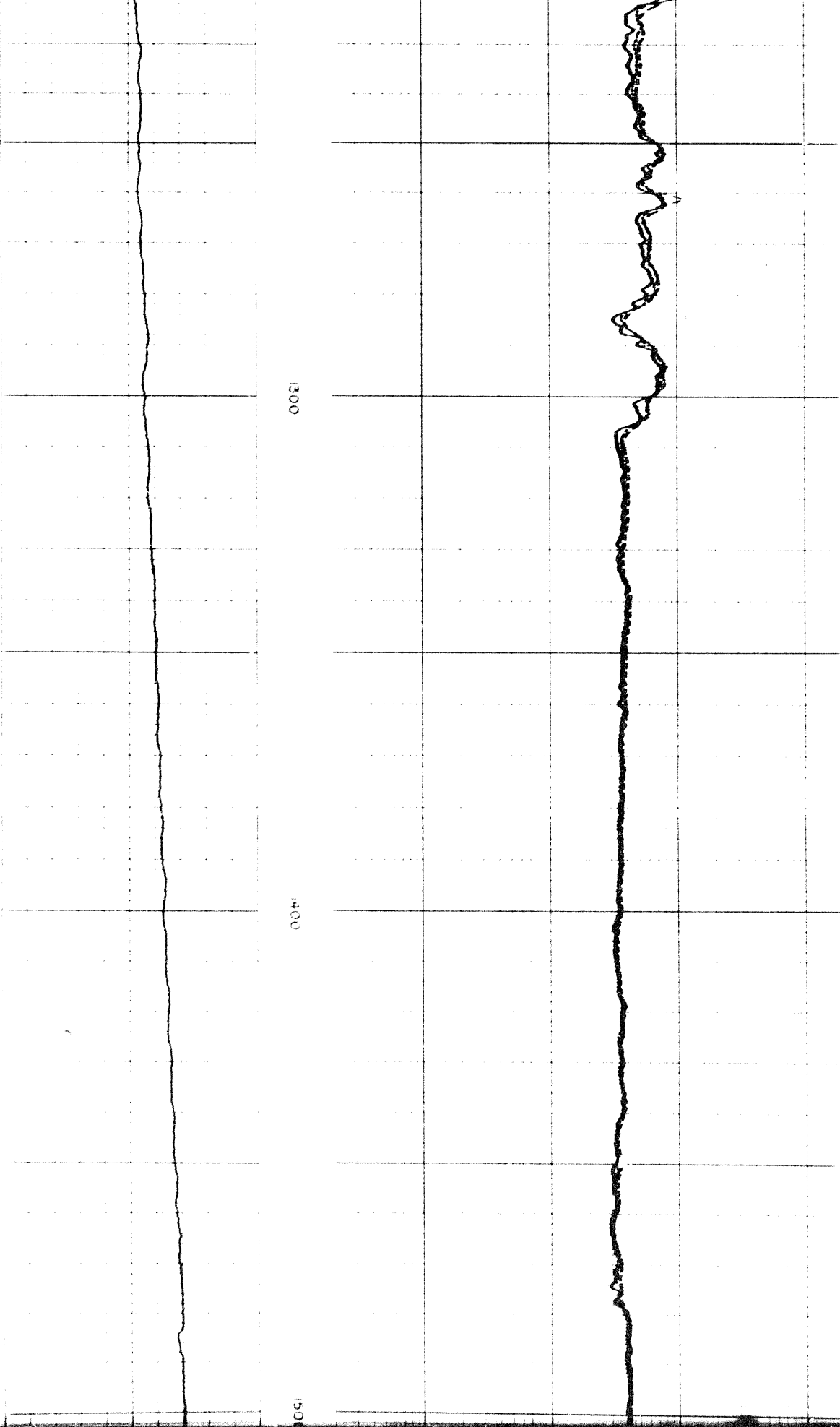


1100

1200

1300



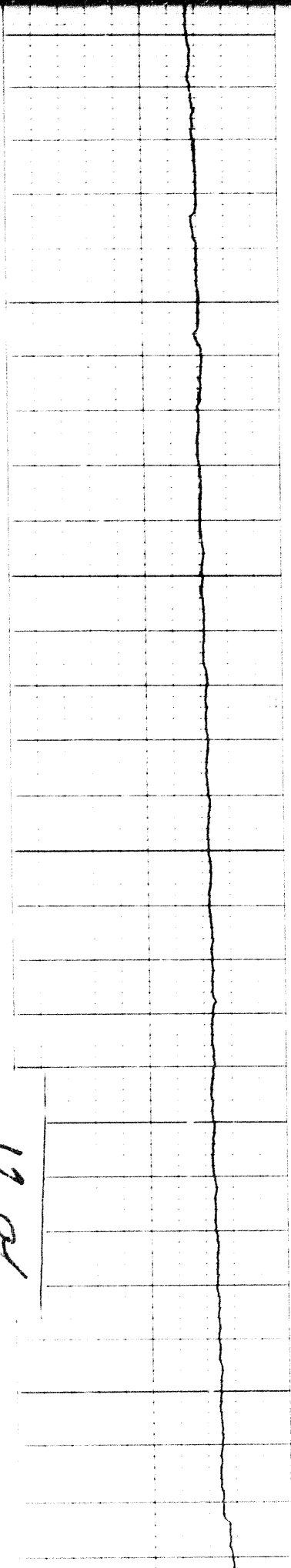


1300

1400

1500

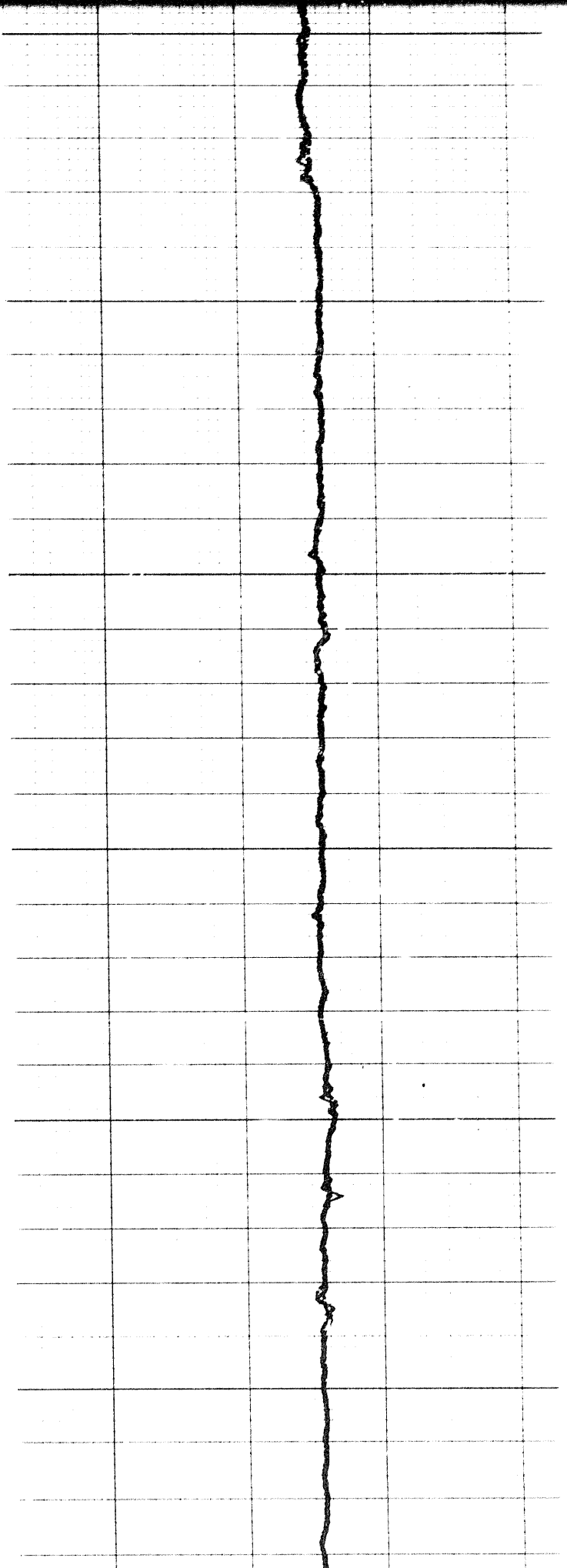
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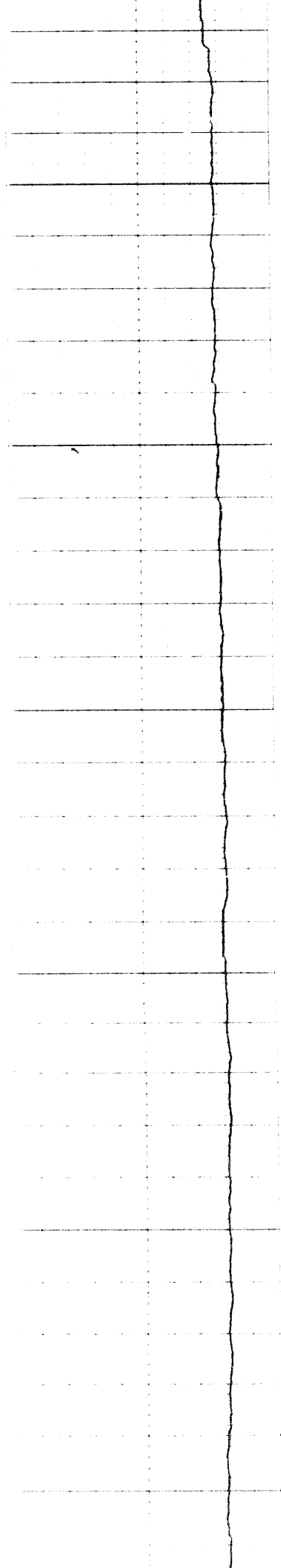


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1600

1700

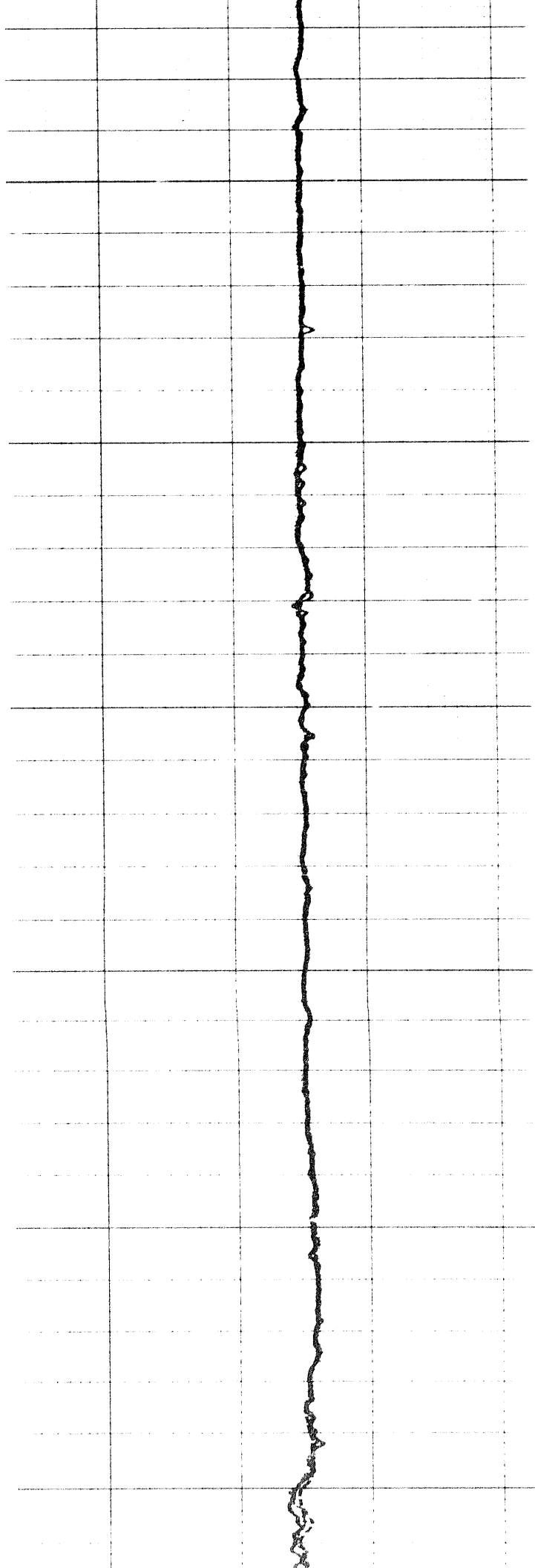


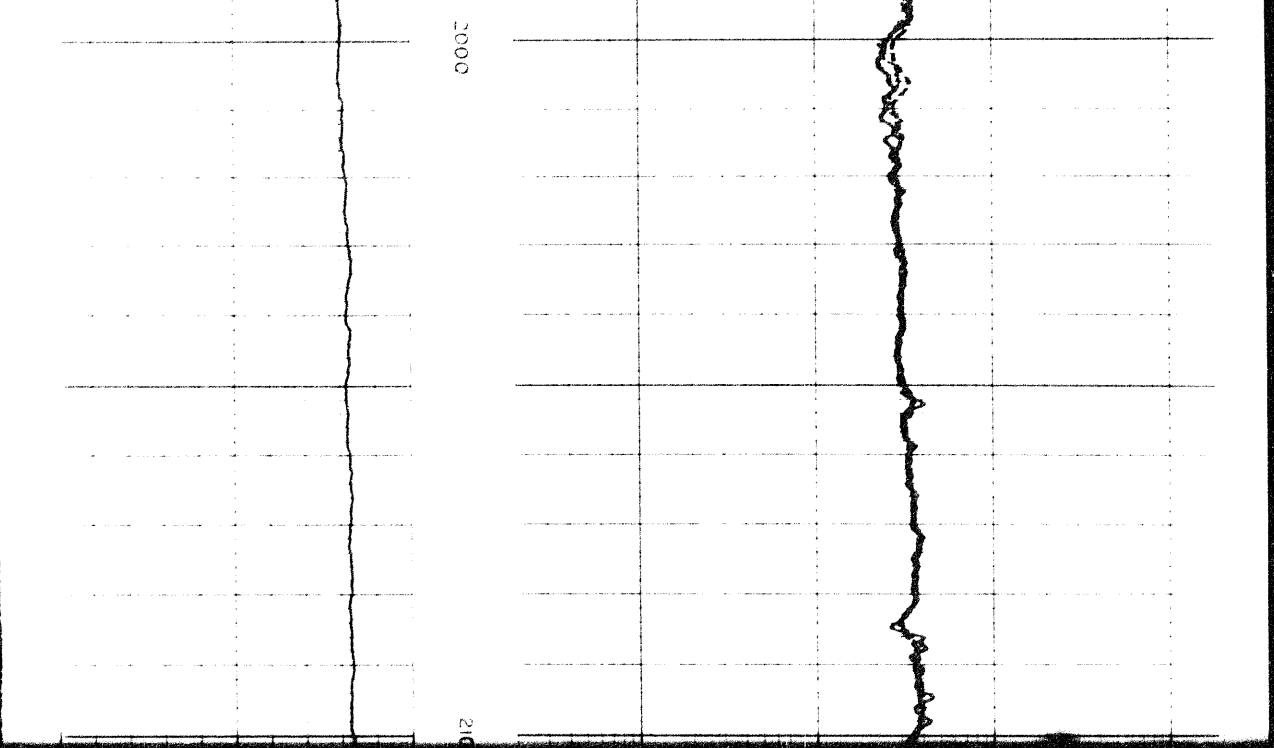


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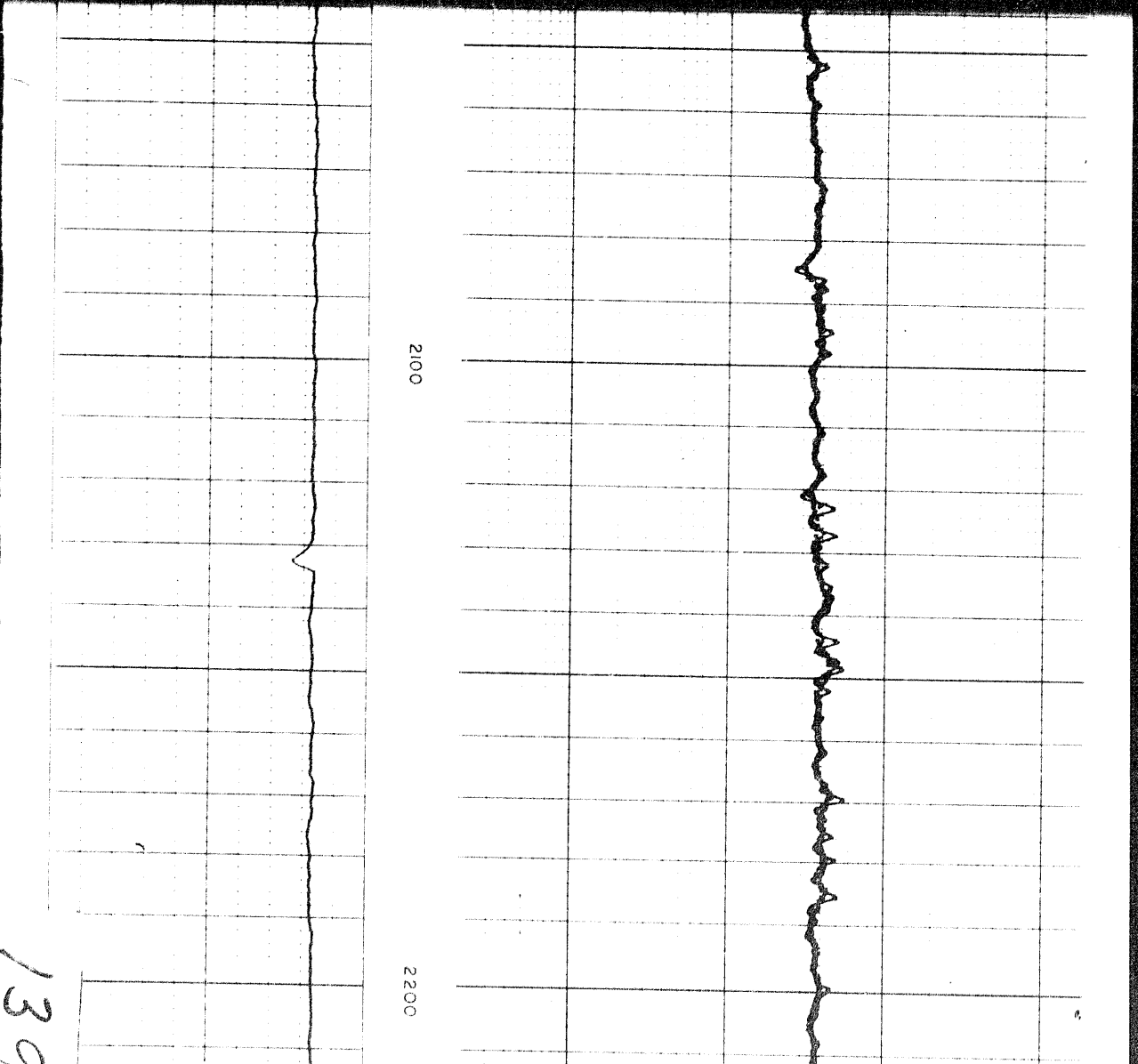
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2000

2100

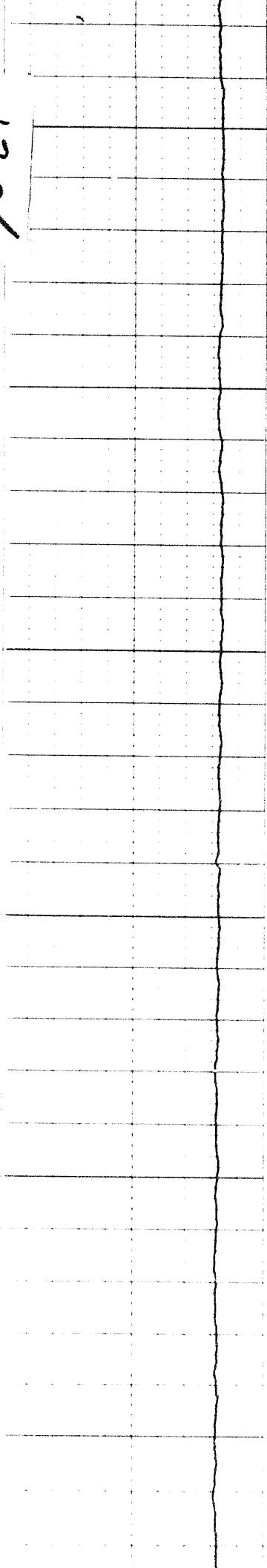


2100

2200

139

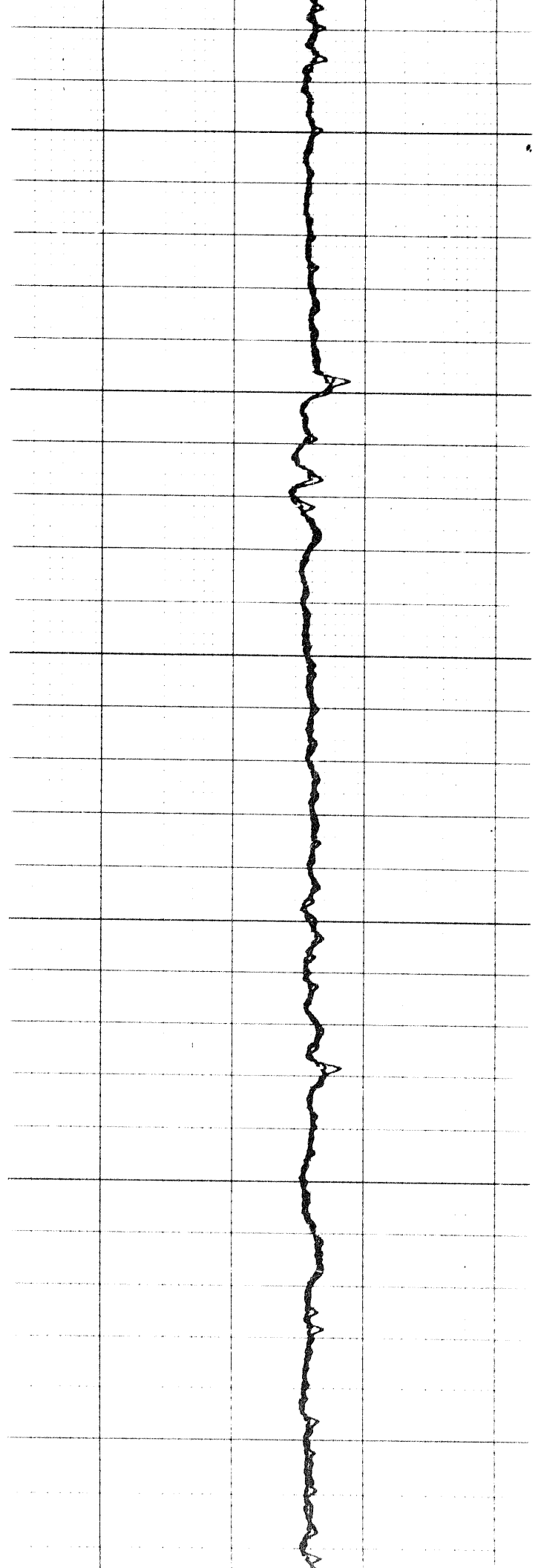
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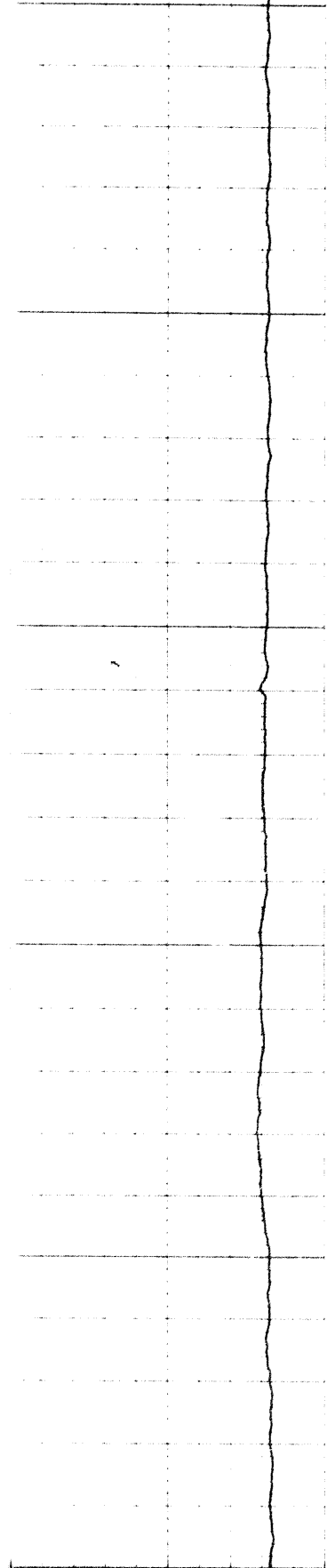


2200

2300

2400

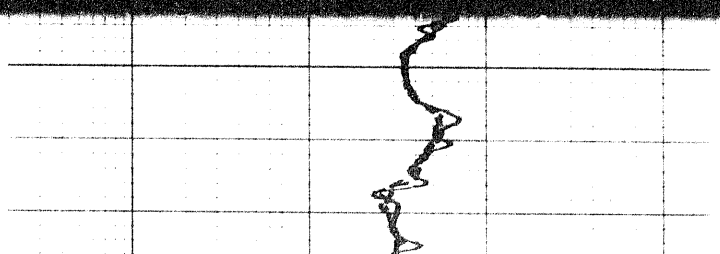
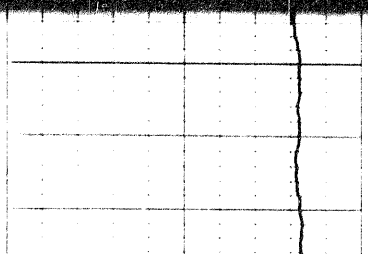
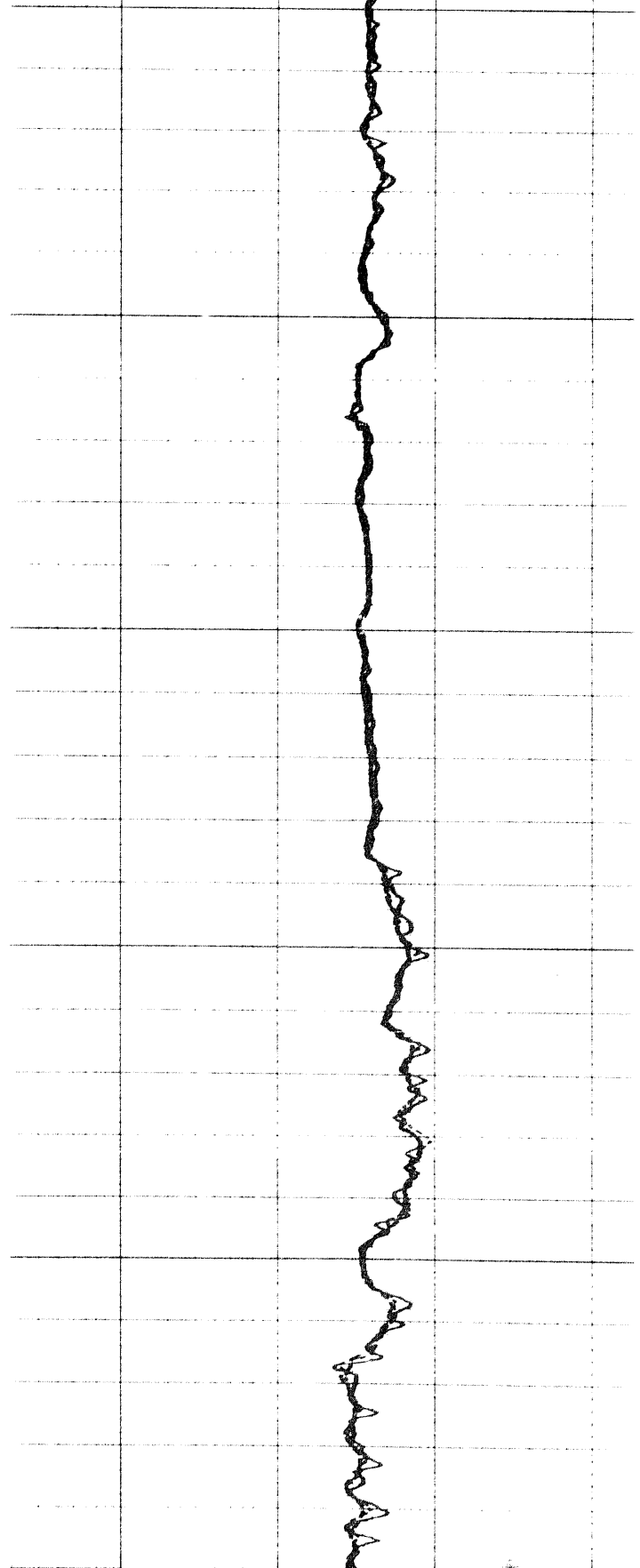




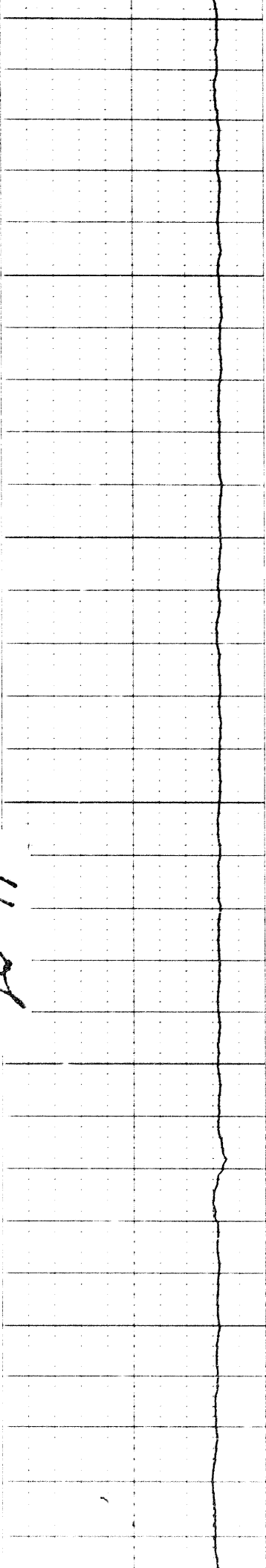
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2600

27



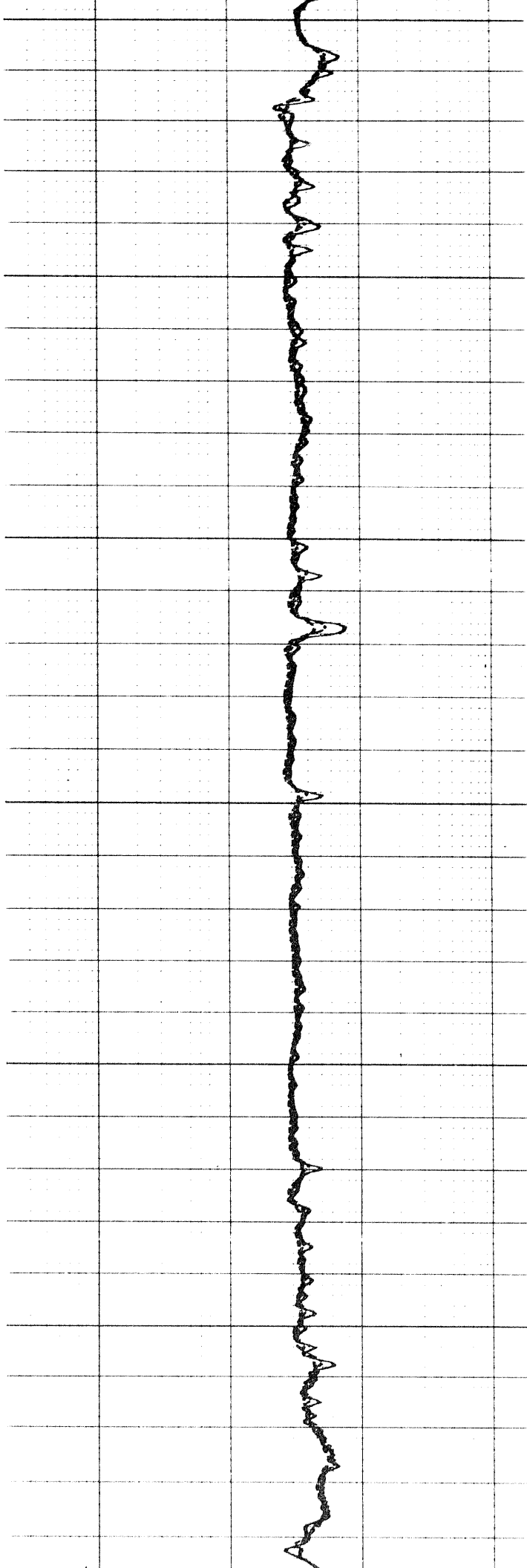
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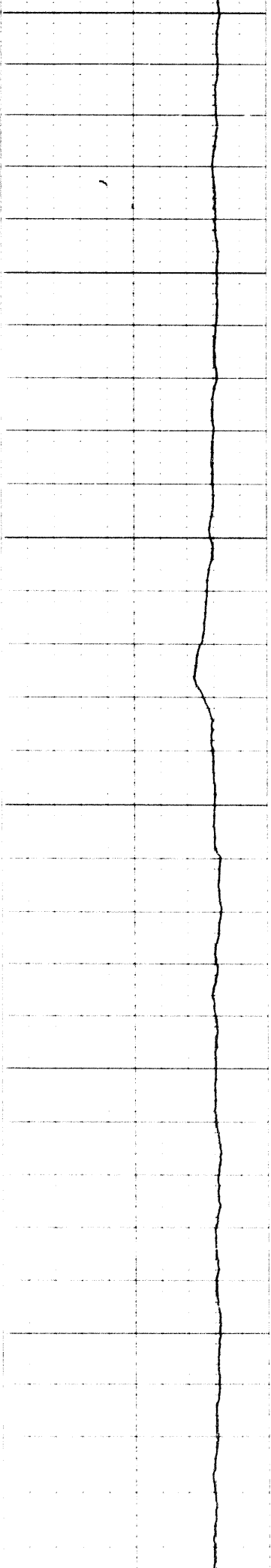


2700

2800

2900

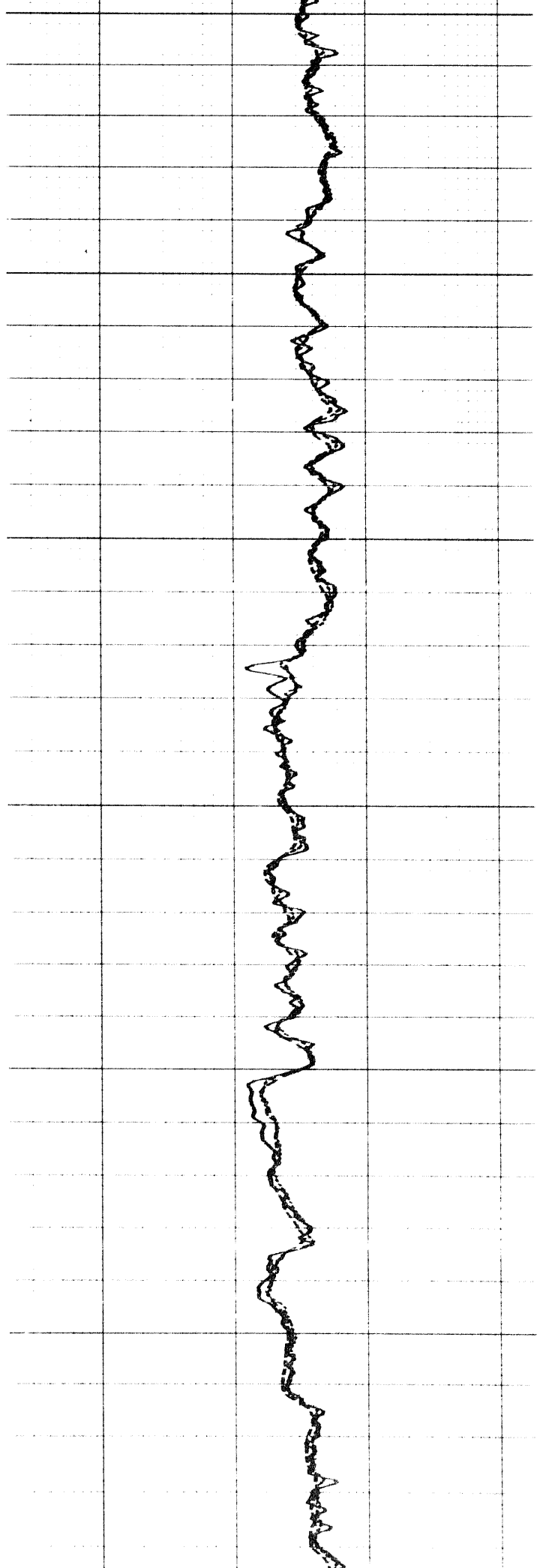


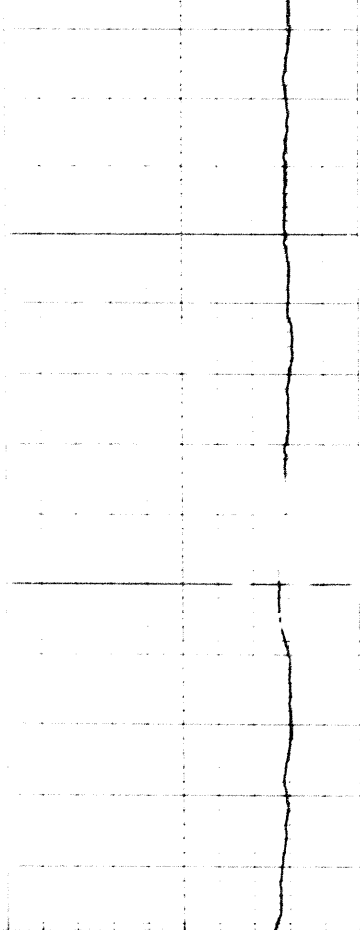


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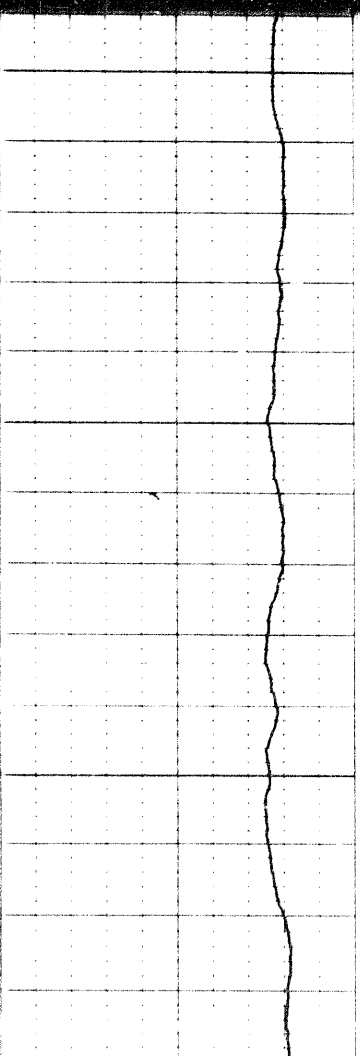
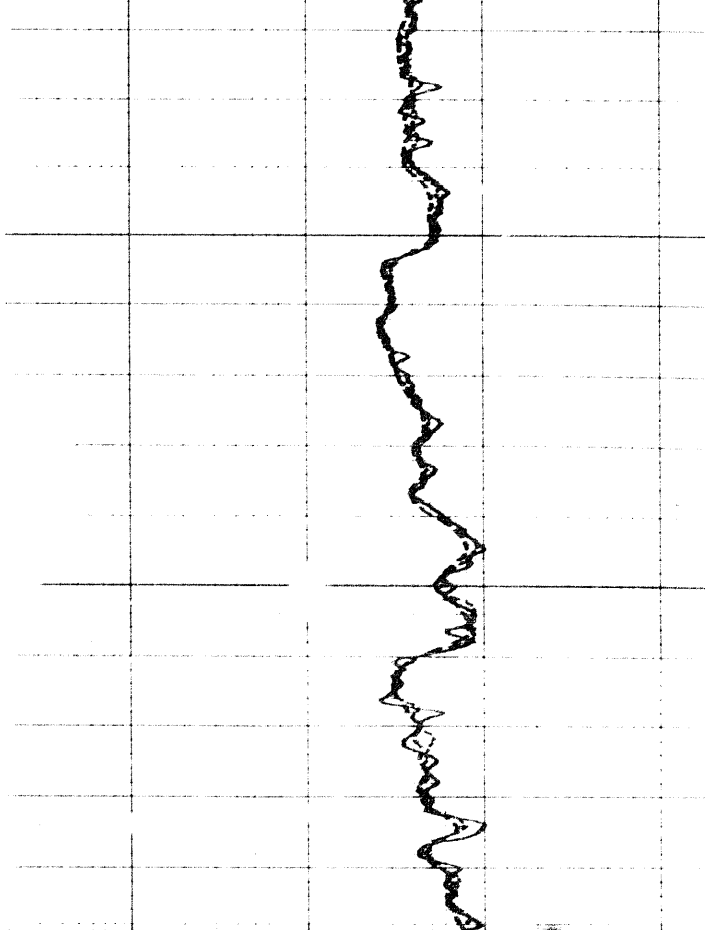
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3100

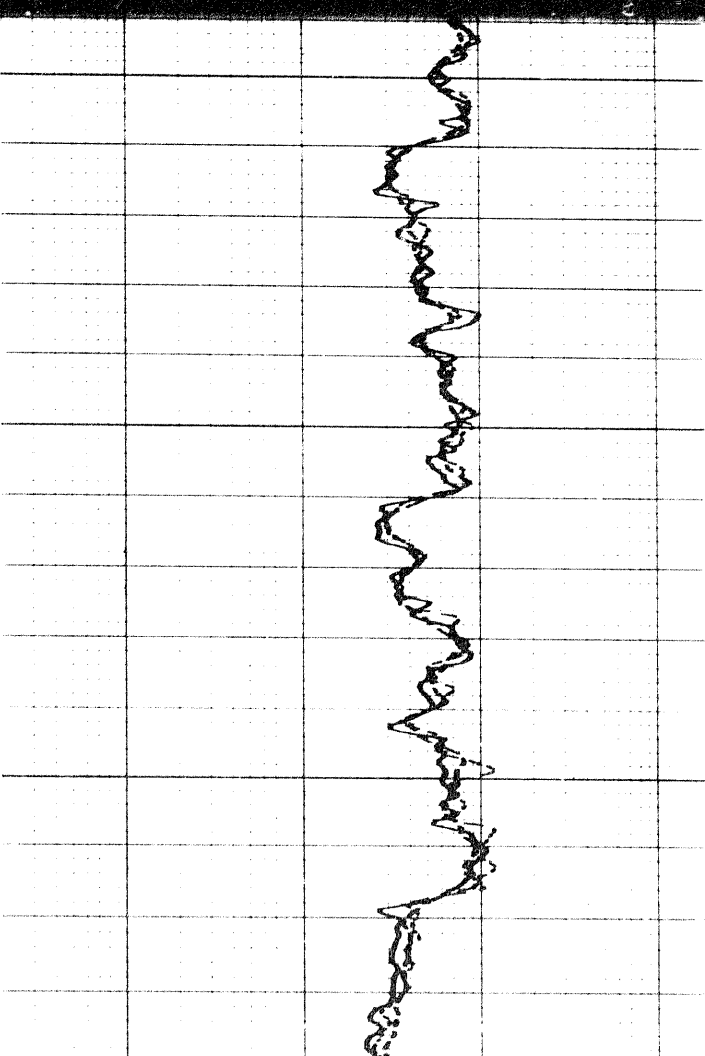




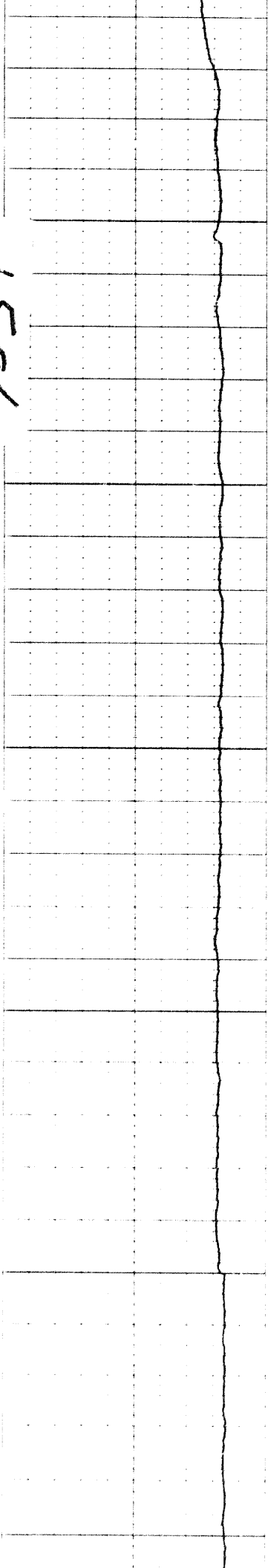
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3300



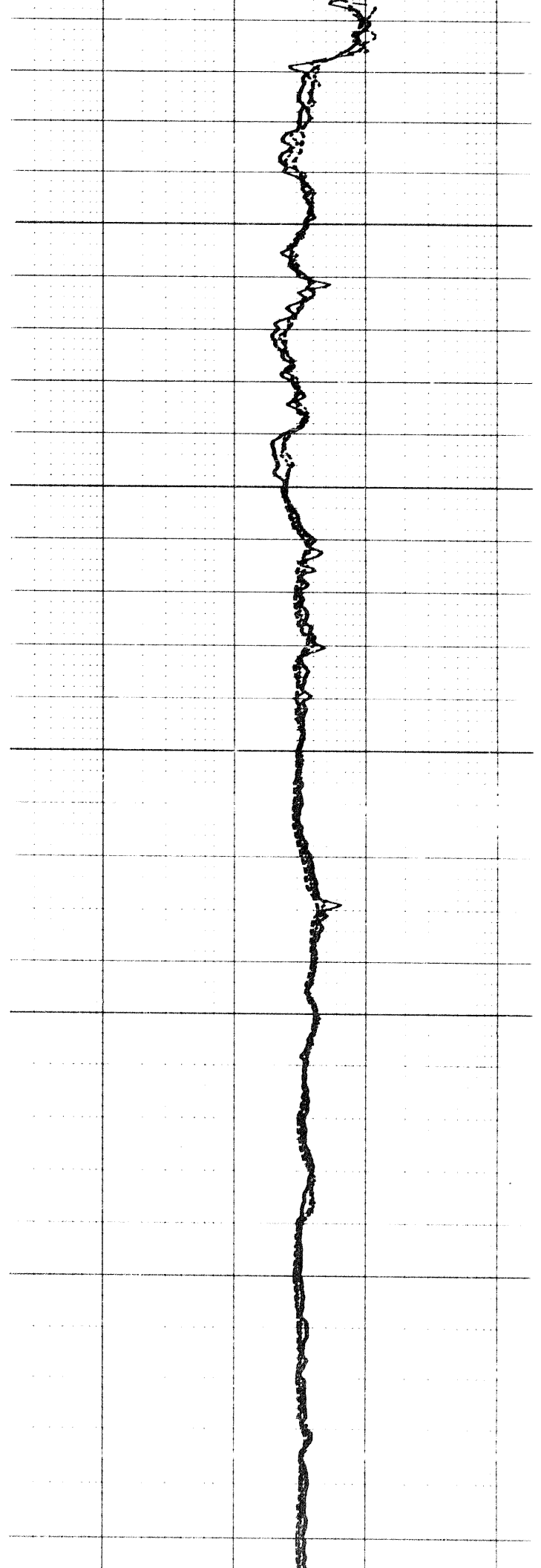
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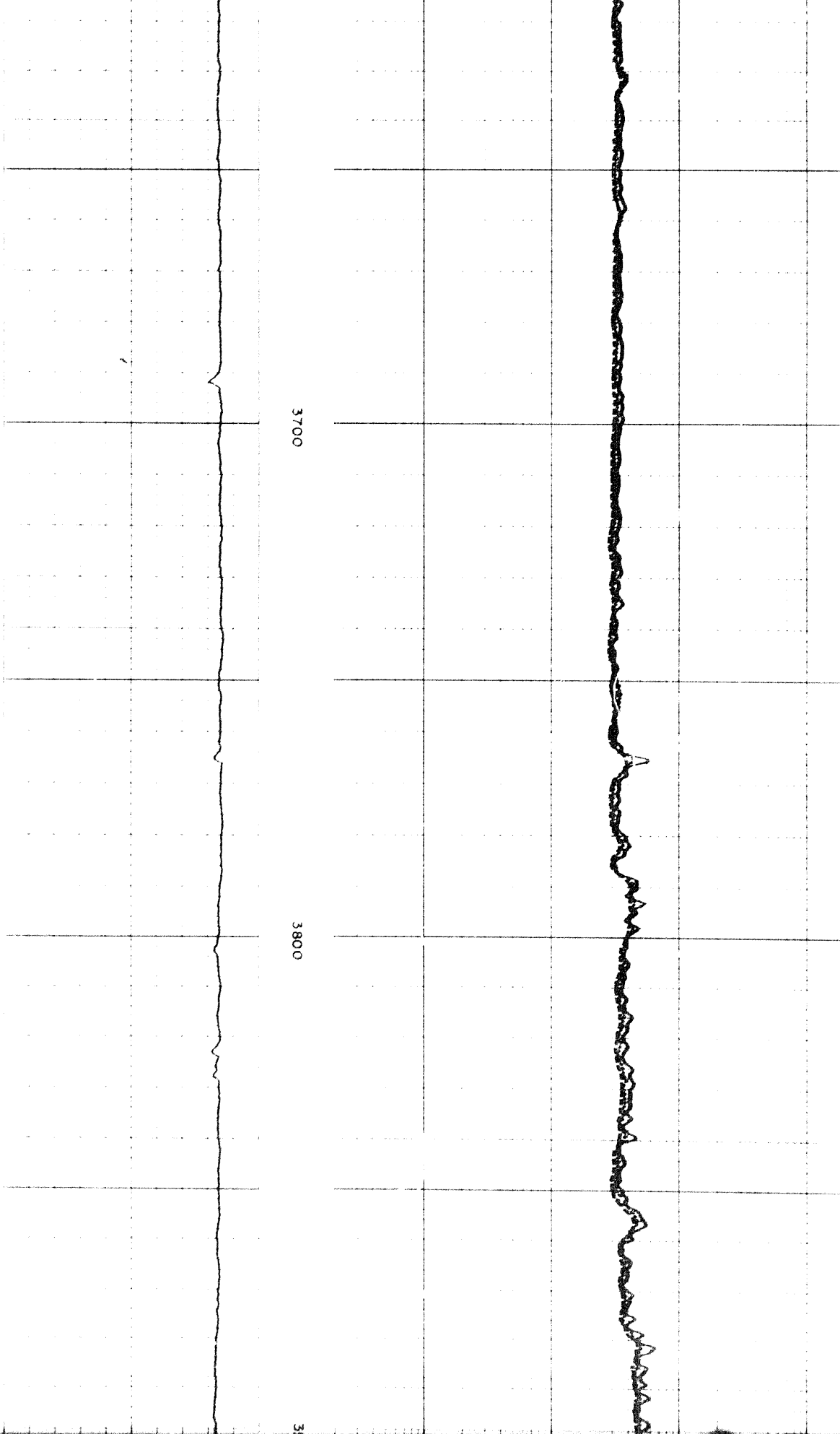


3400

3500

3600

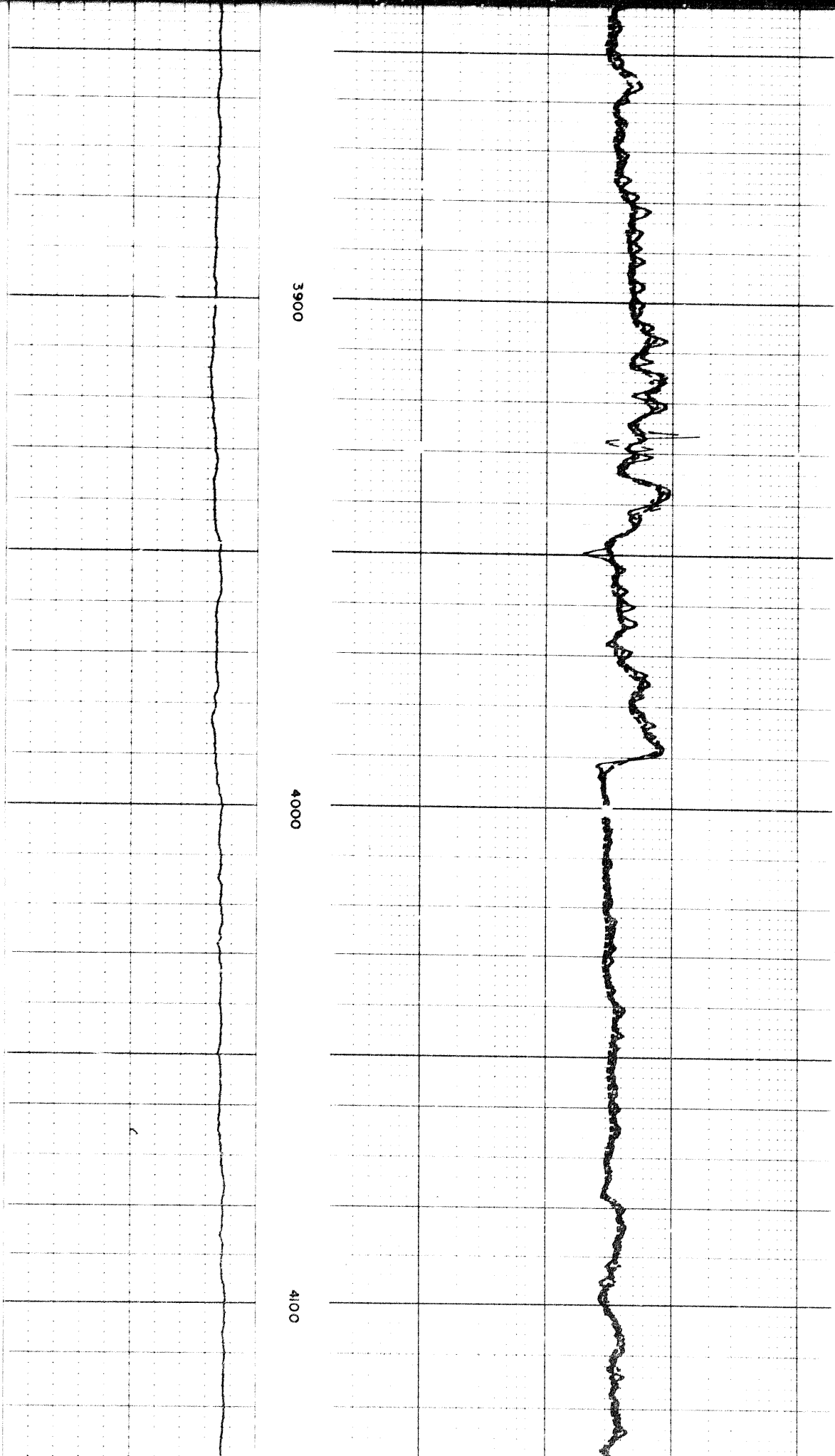


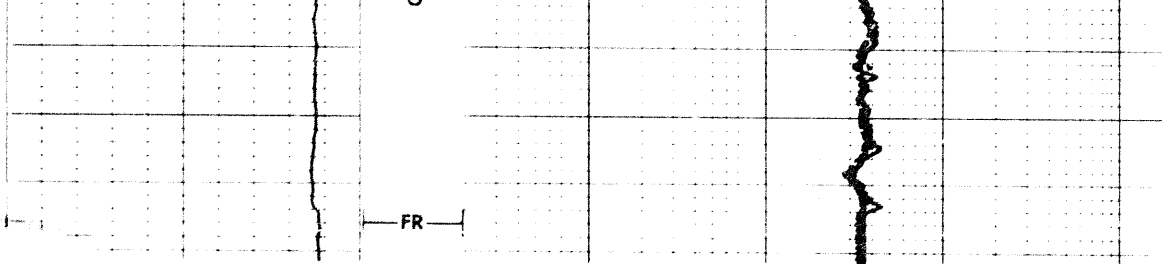


3700

3800

3

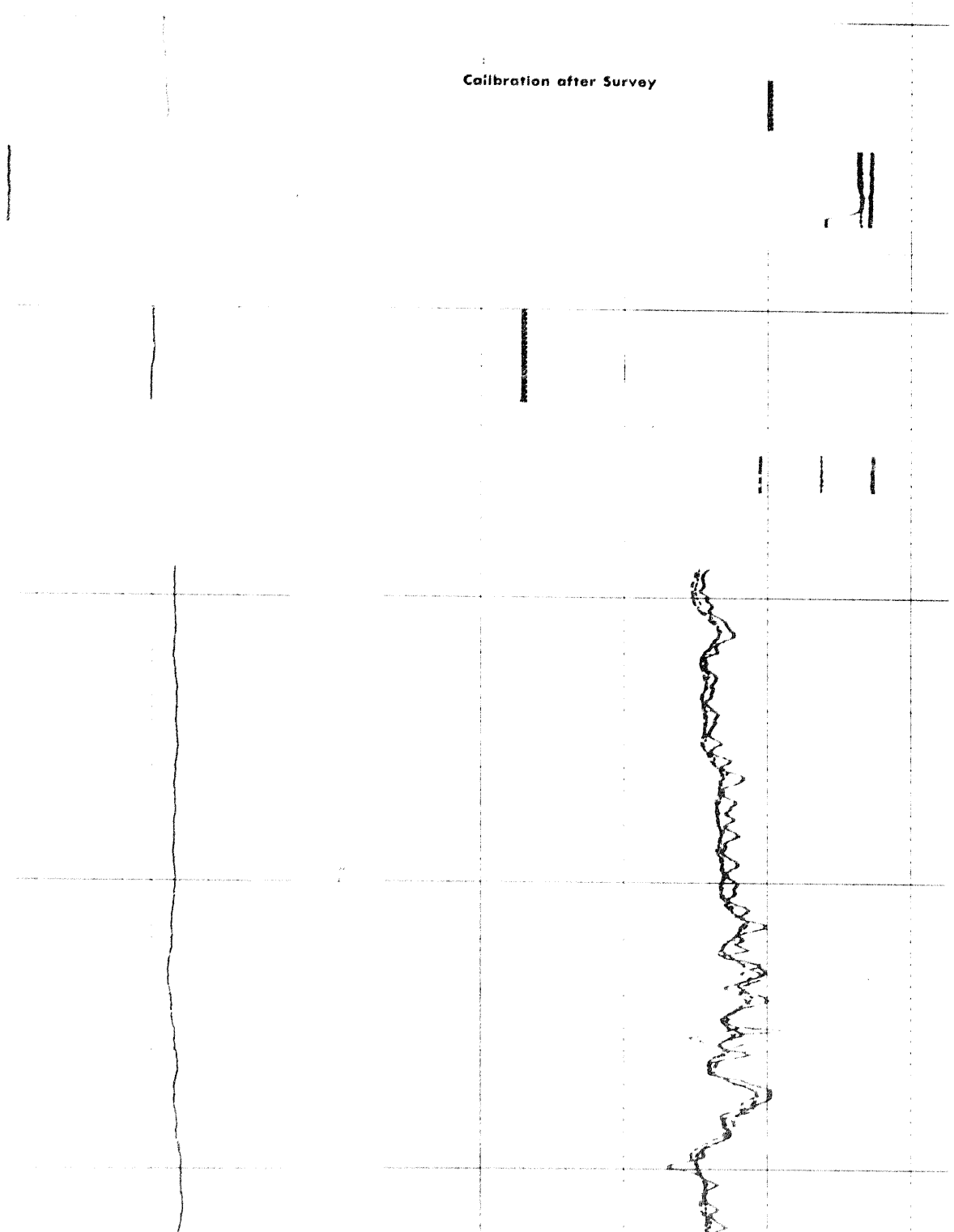


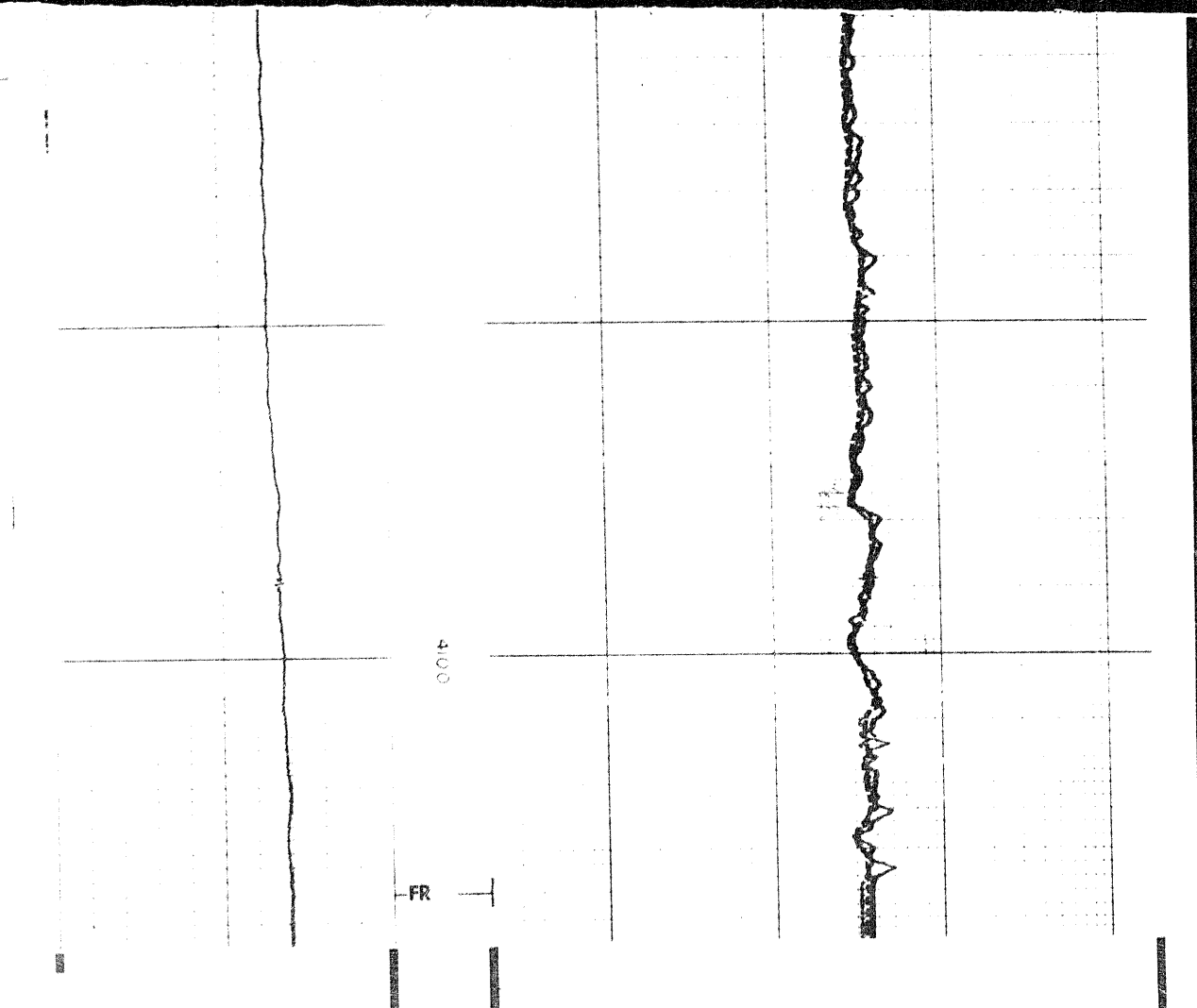
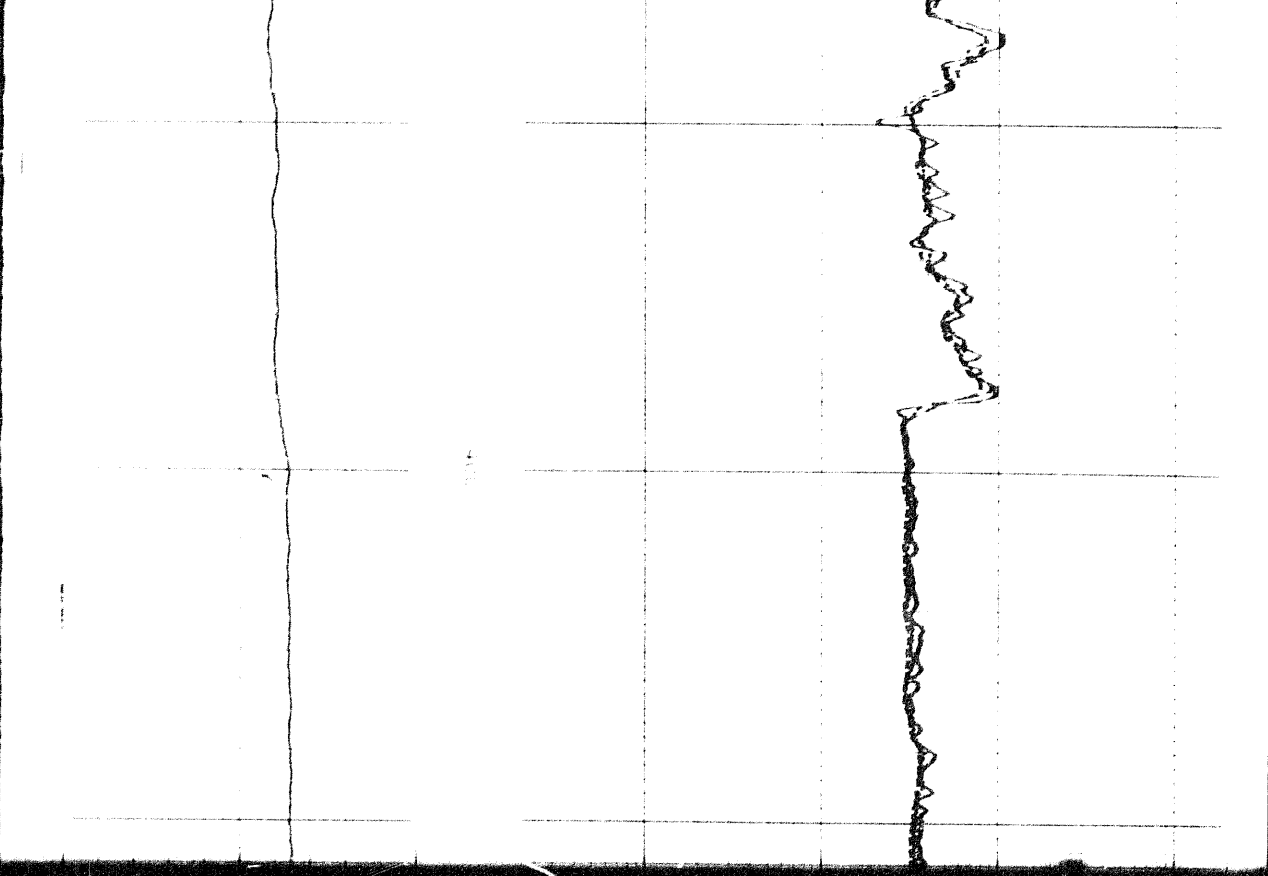


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REPEAT SECTION

Calibration after Survey



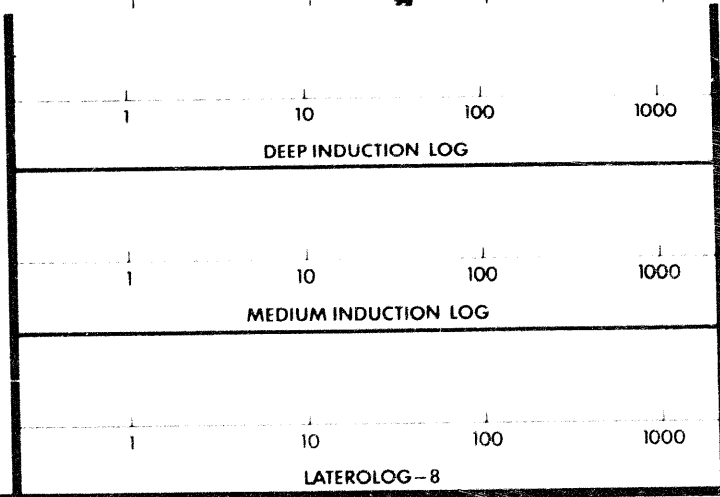


17 of 20

FR

Speed in FPM

10

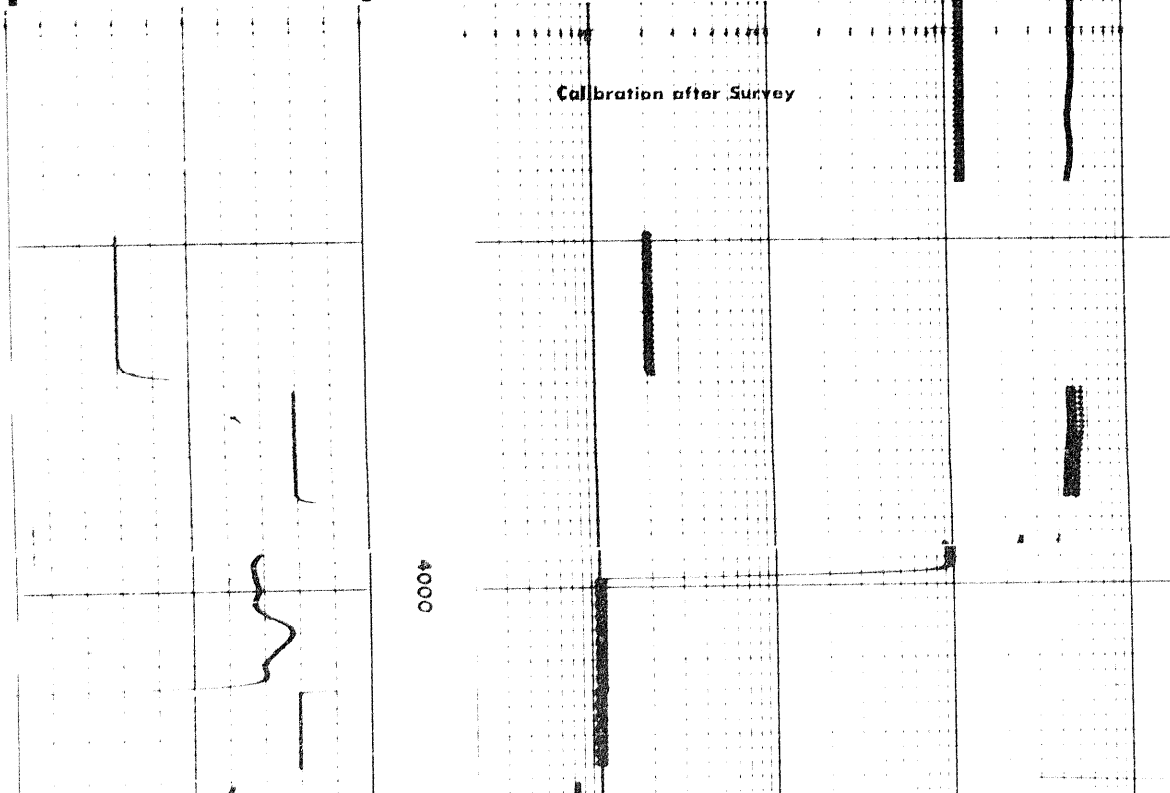
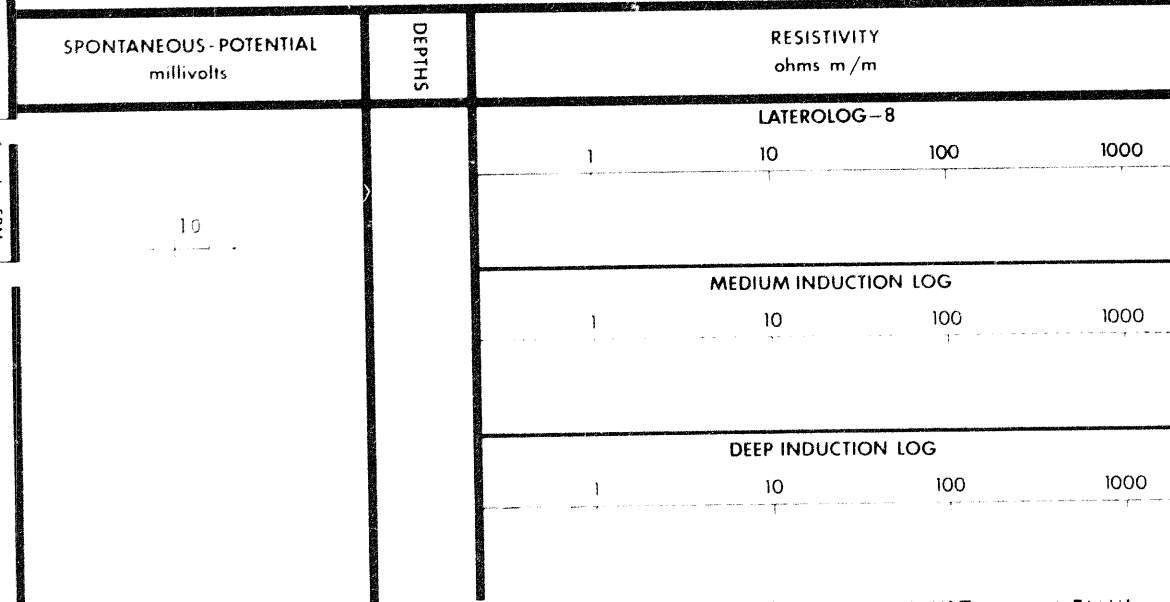


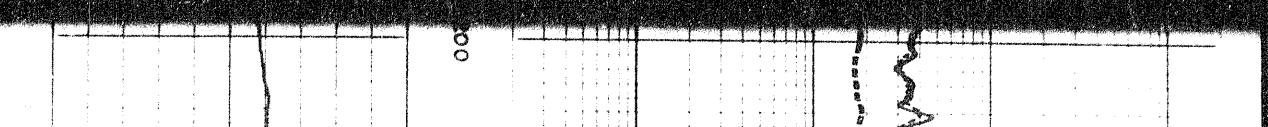
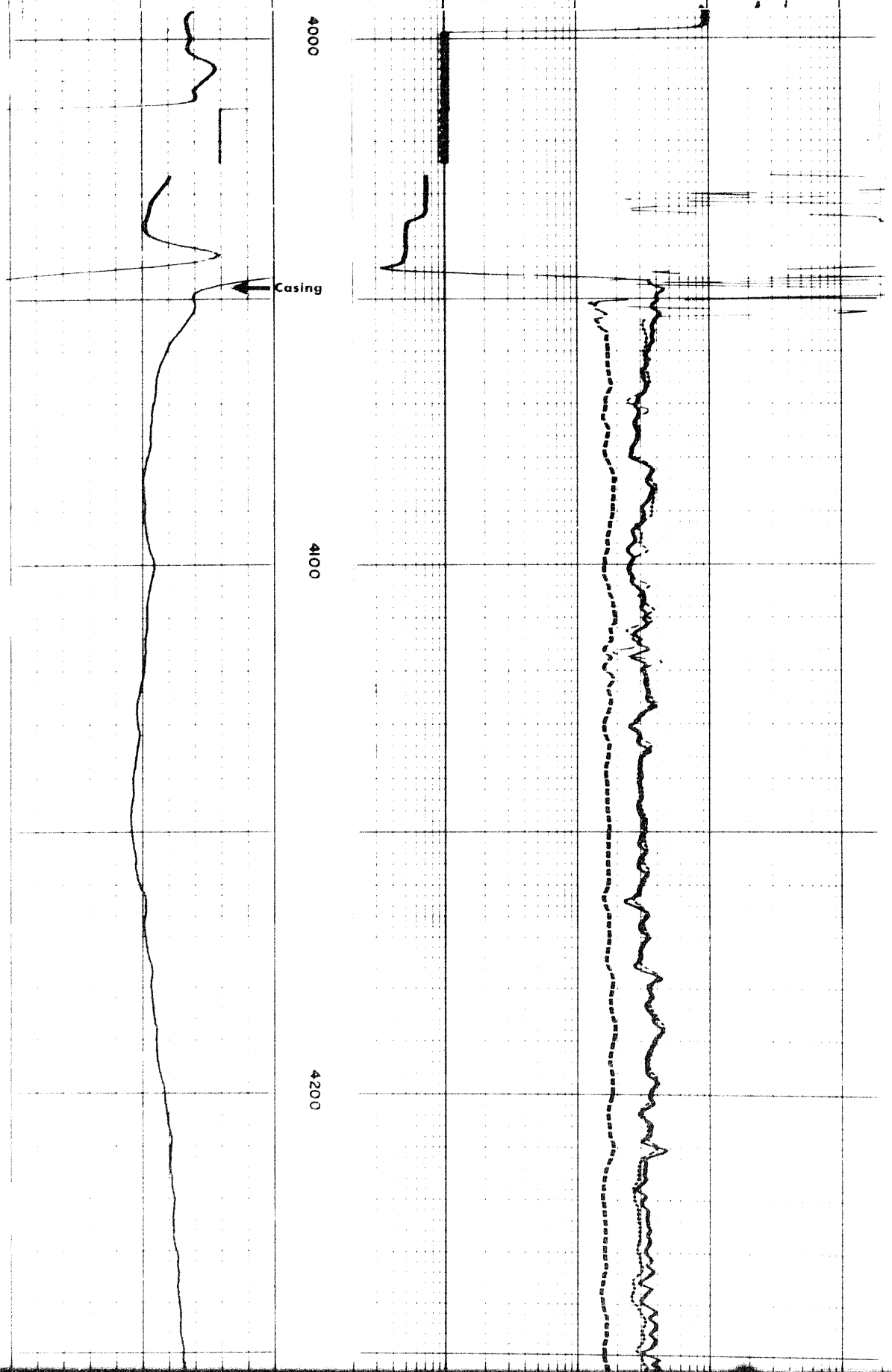
SPONTANEOUS - POTENTIAL millivolts	DEPTHS	RESISTIVITY ohms m/m
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DETAIL LOG 5" = 100' RUN 2

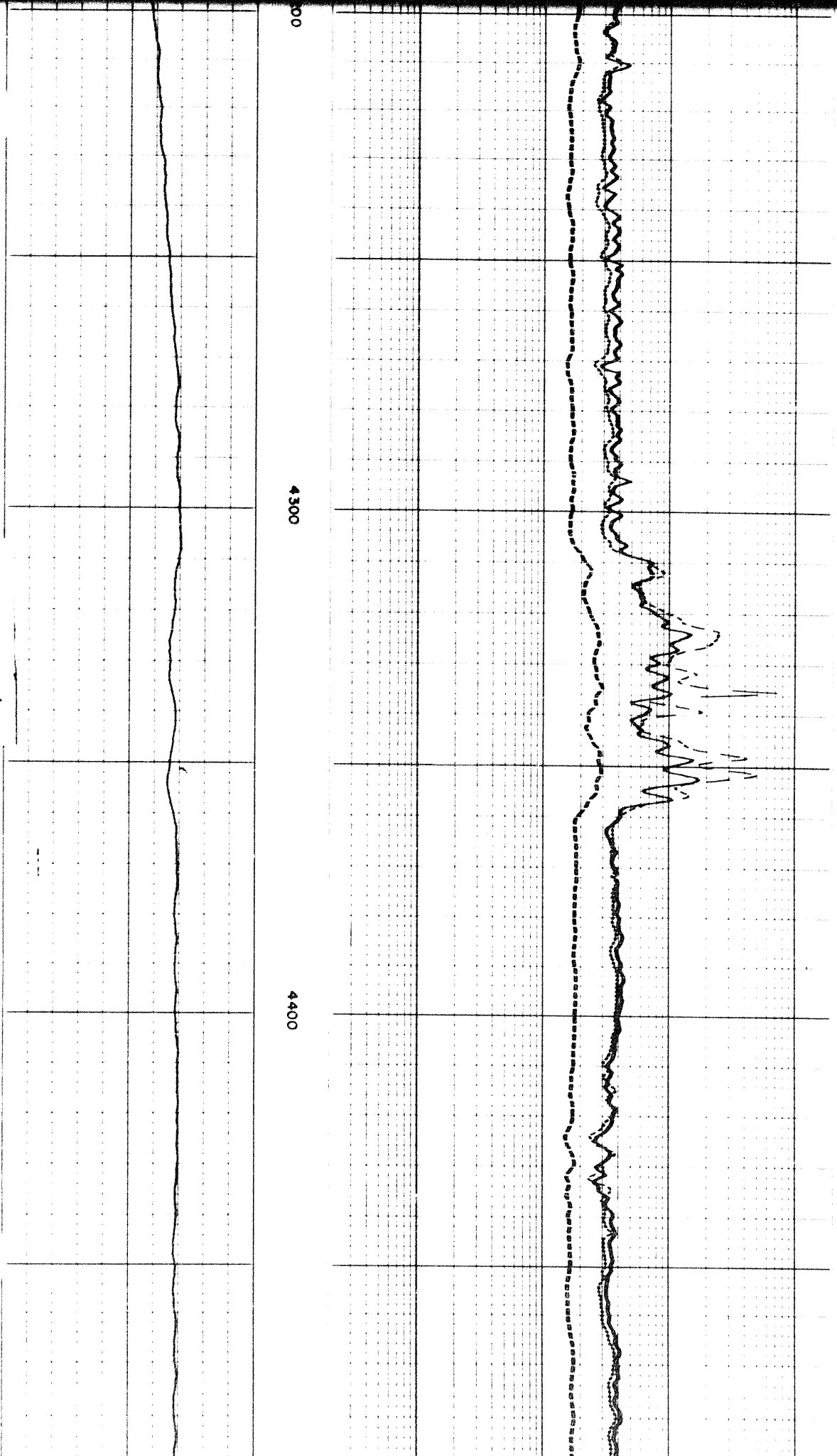
Speed in FPM

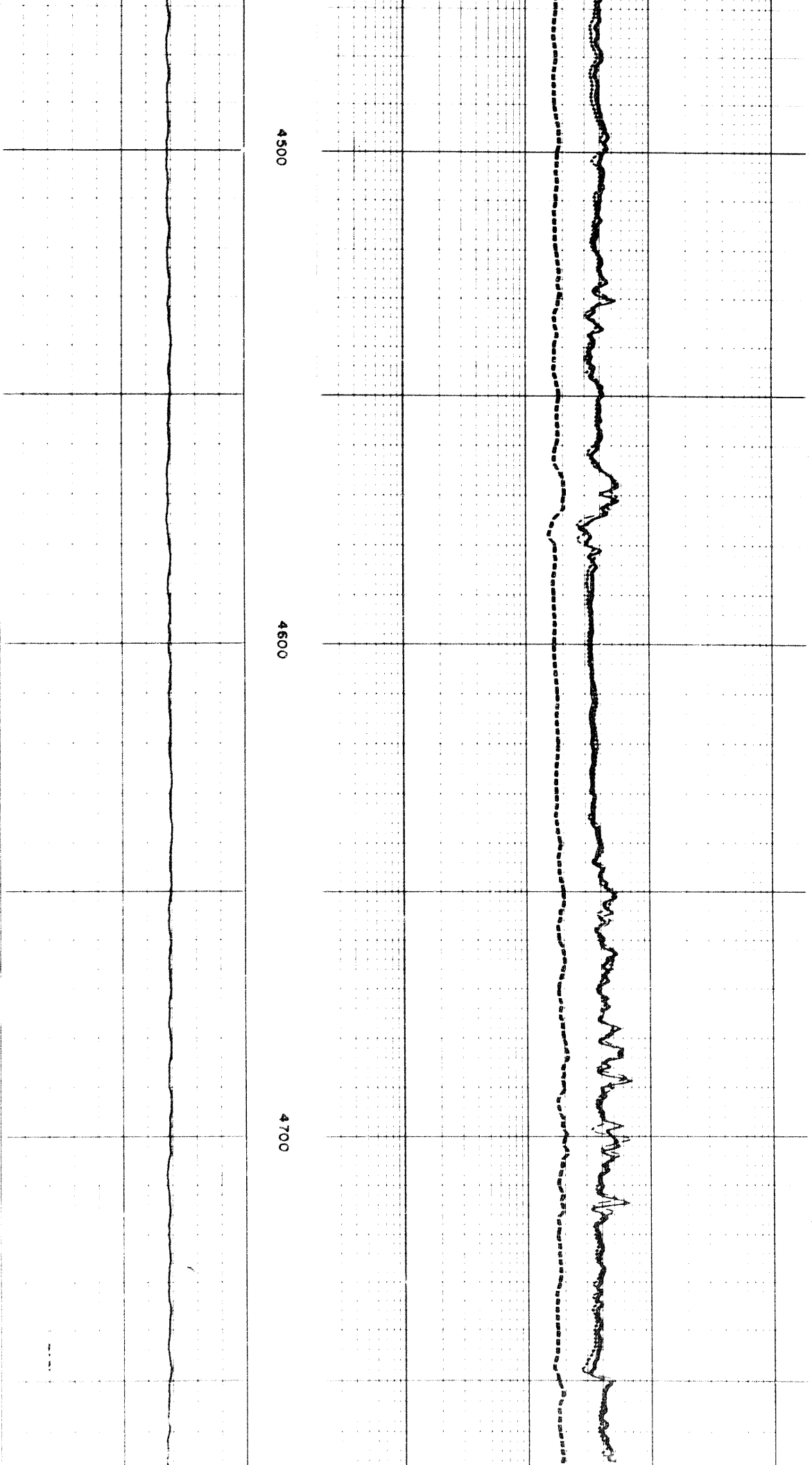
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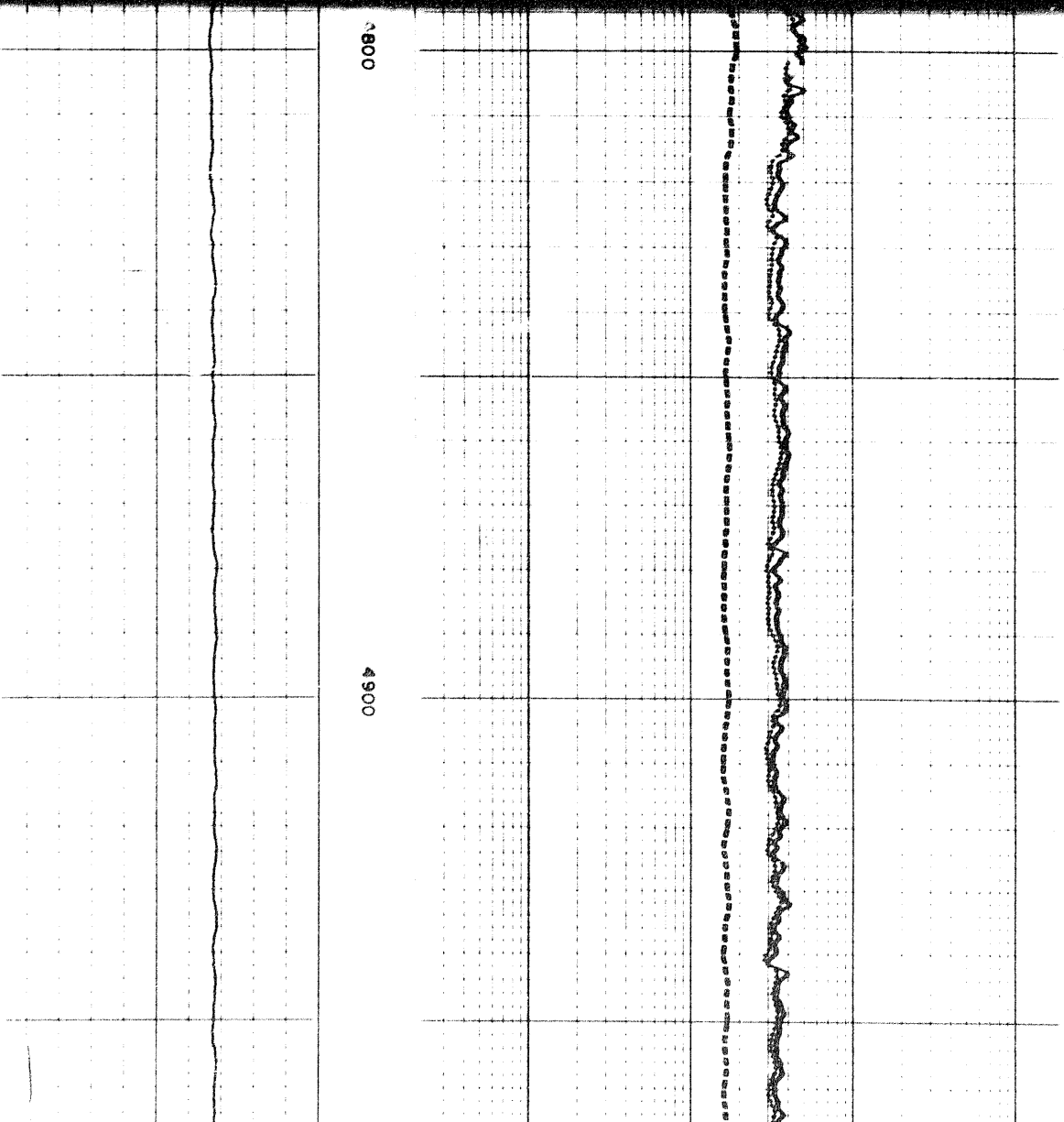
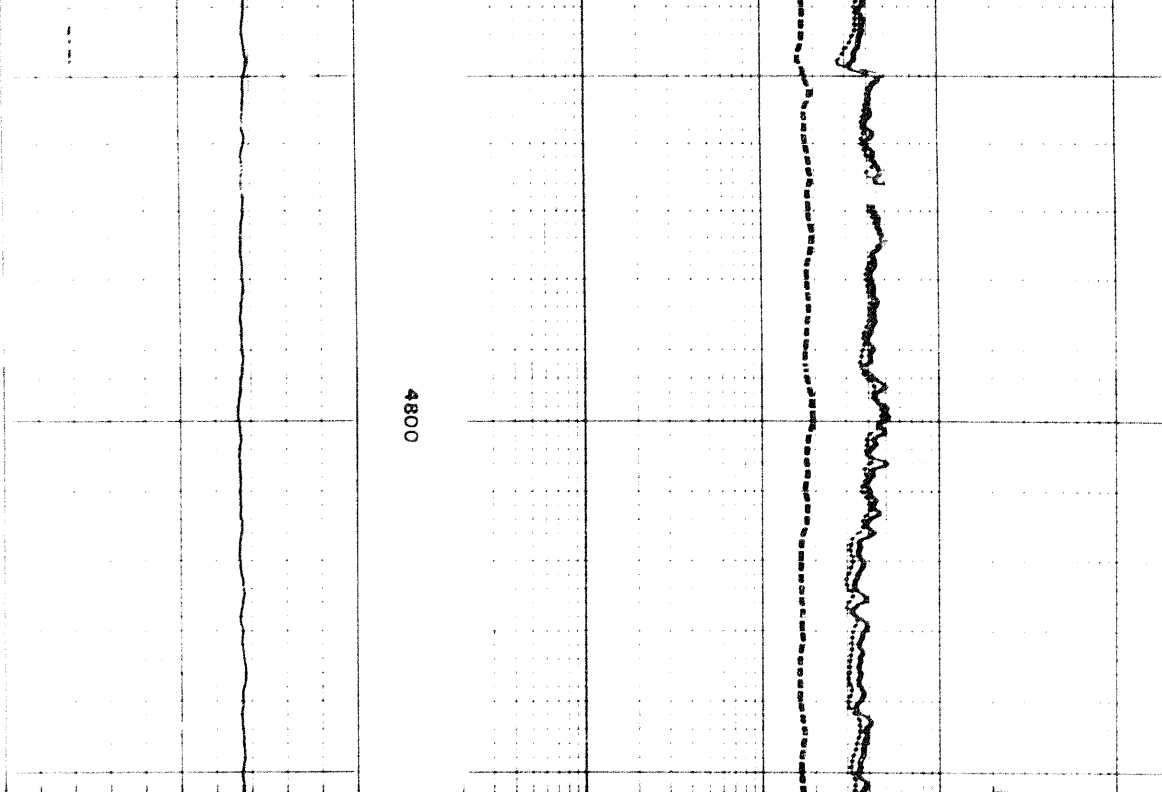




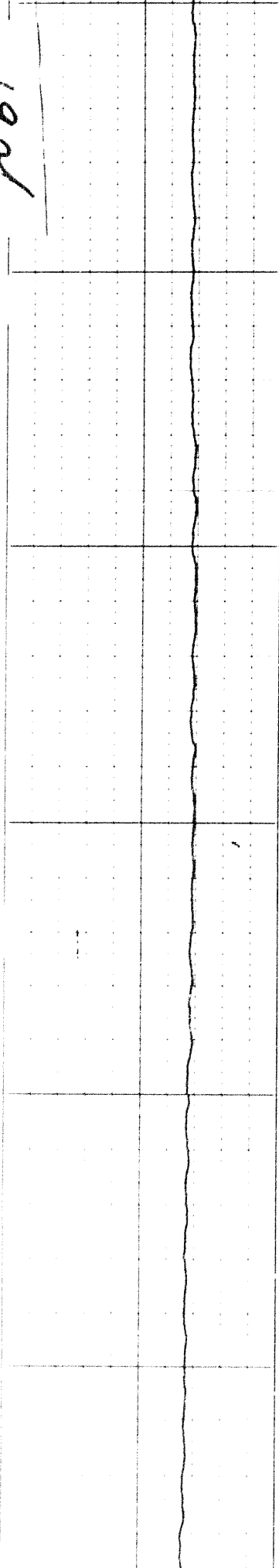
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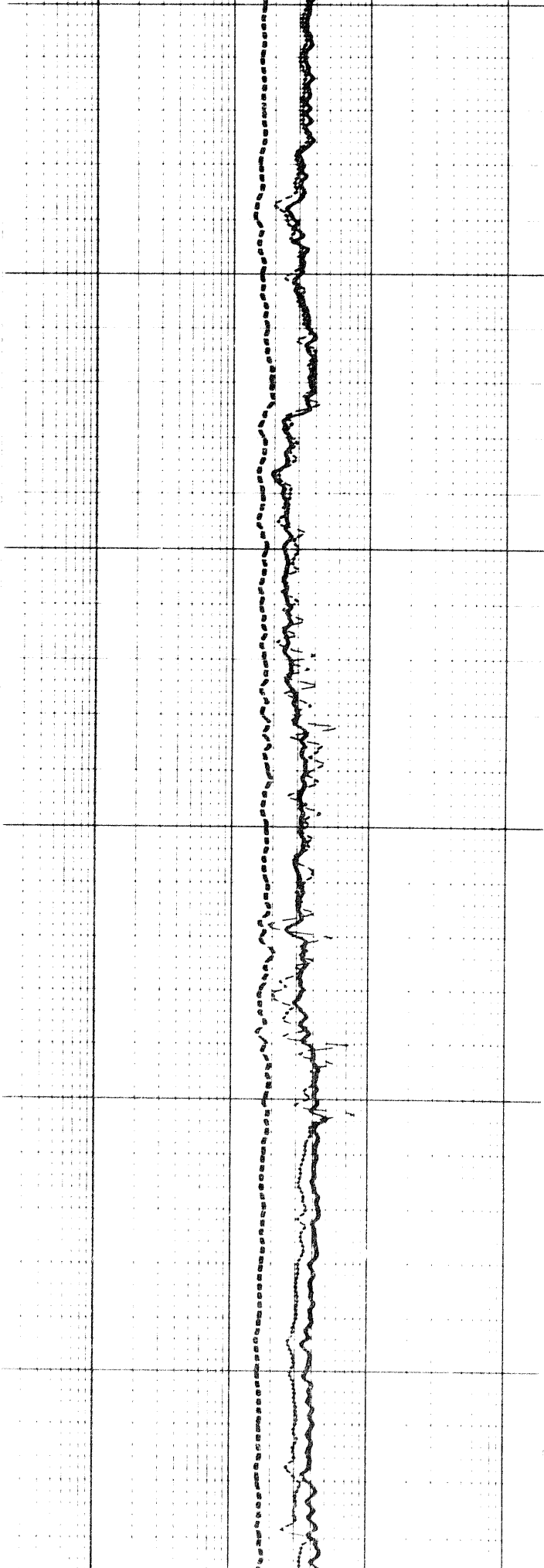
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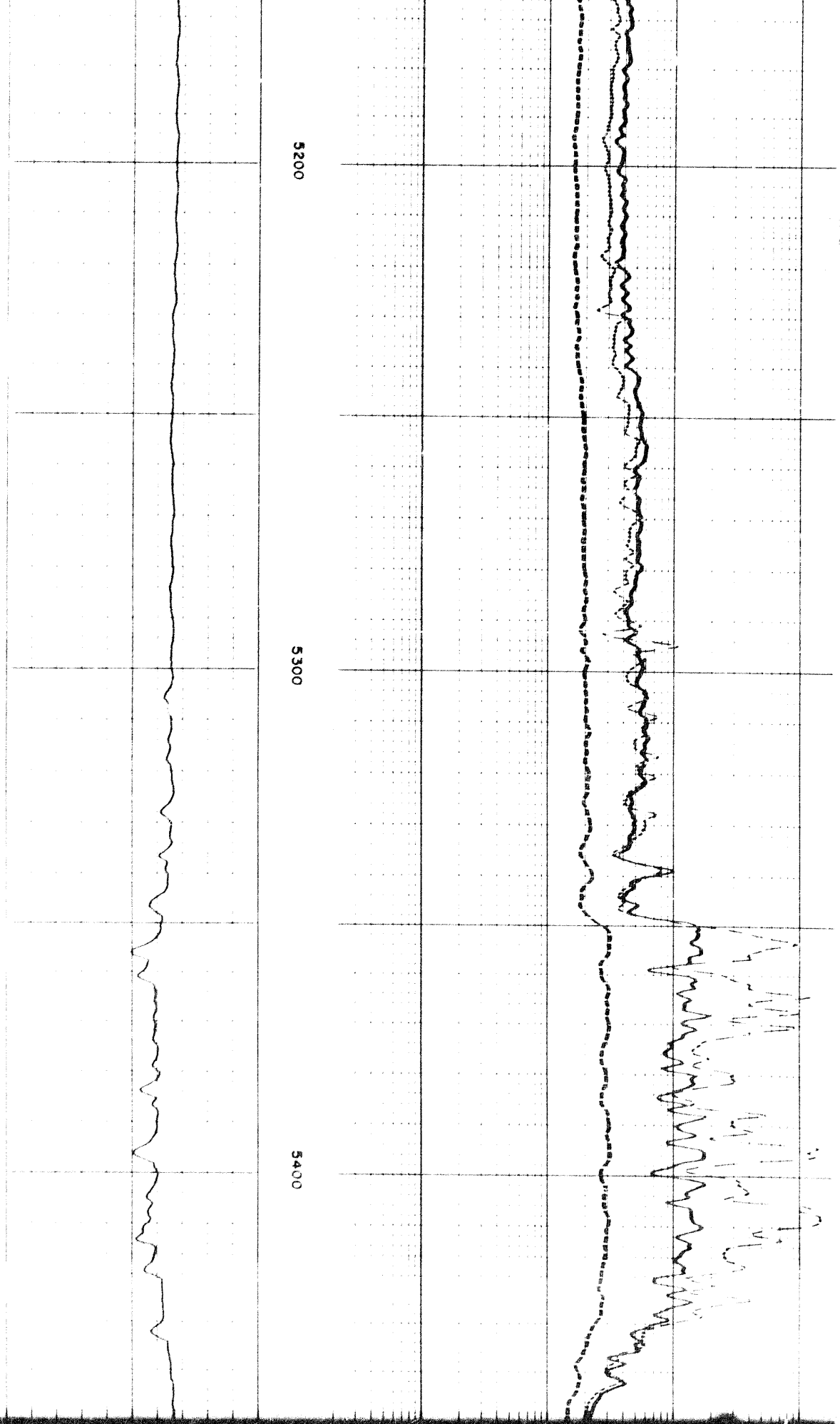


5000

5100

5200



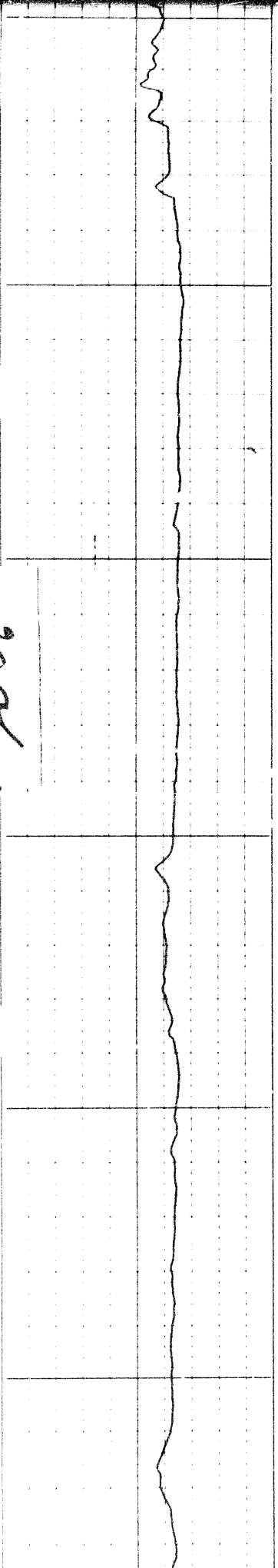


5200

5300

5400

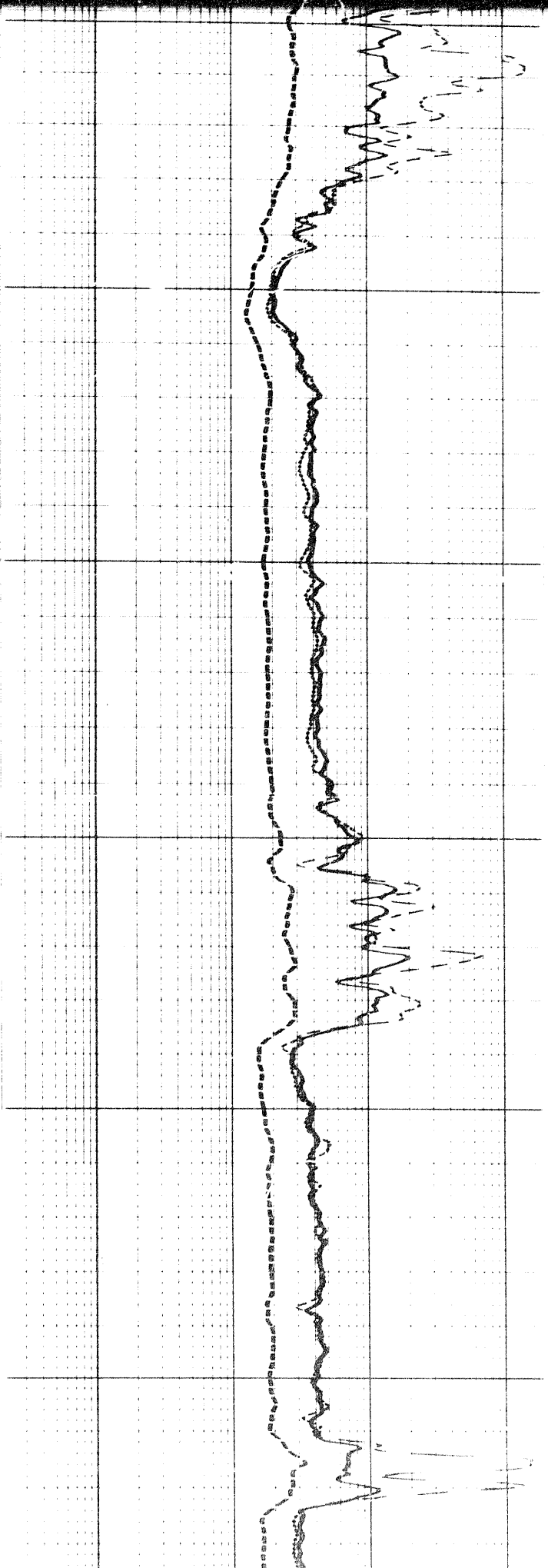
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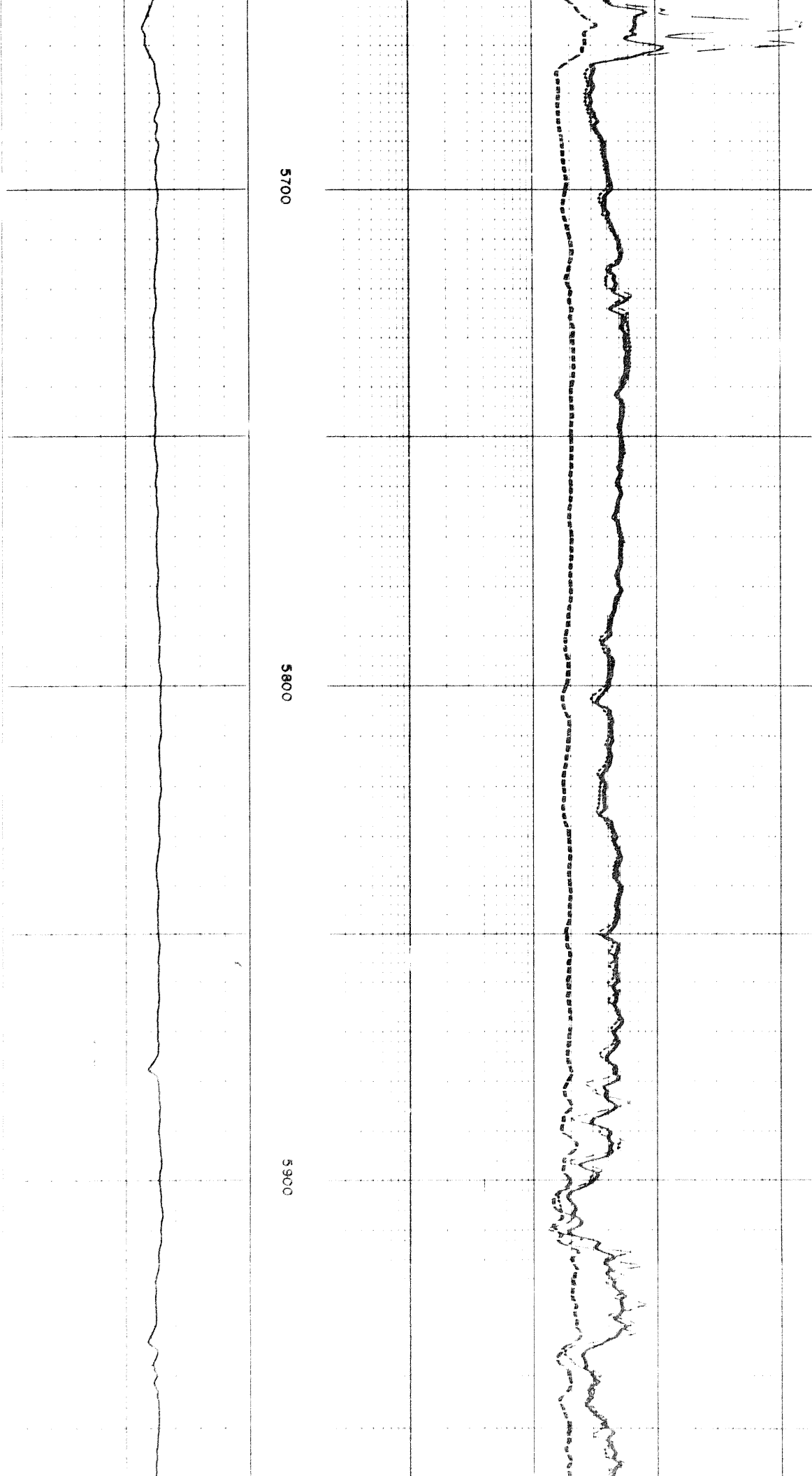


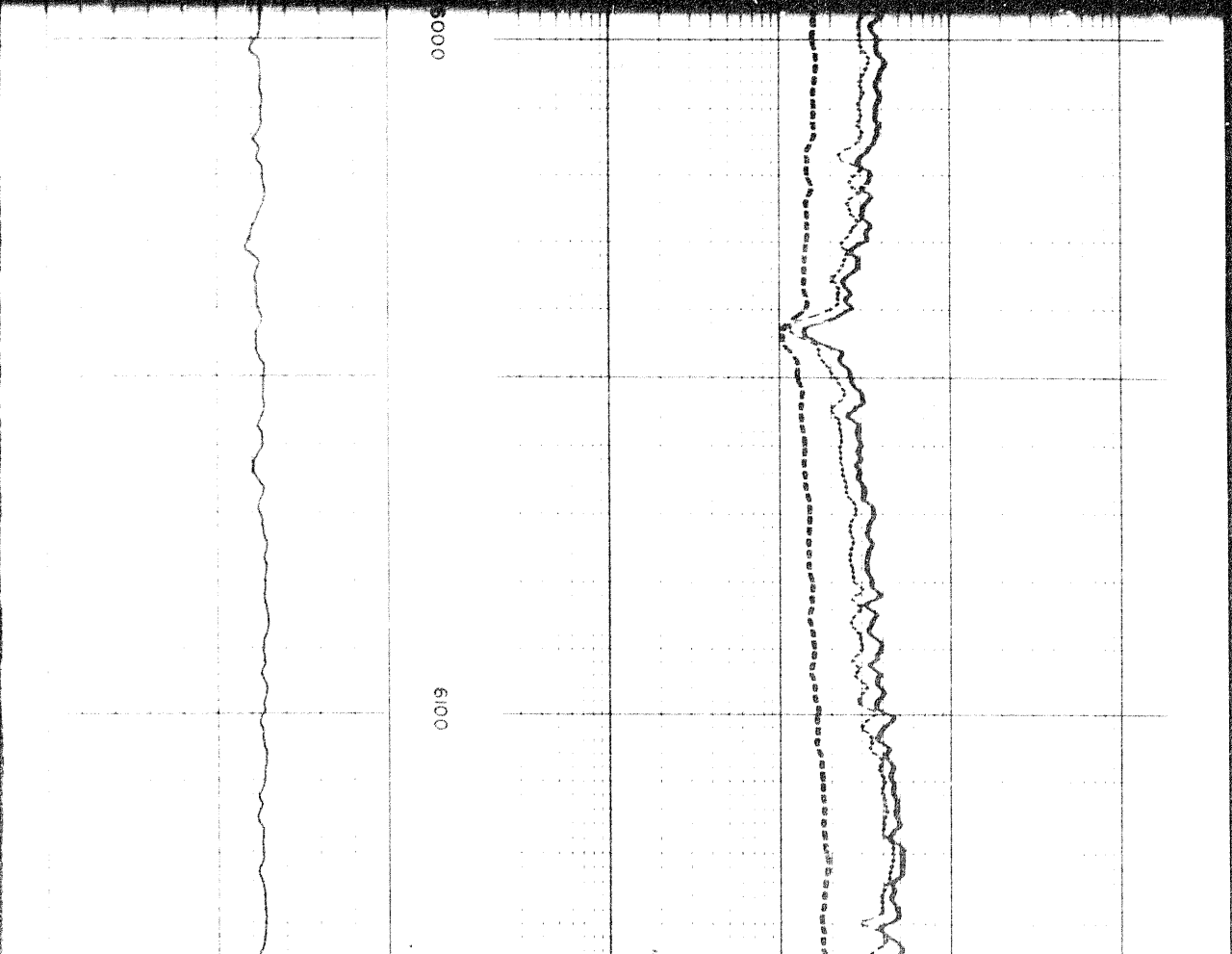
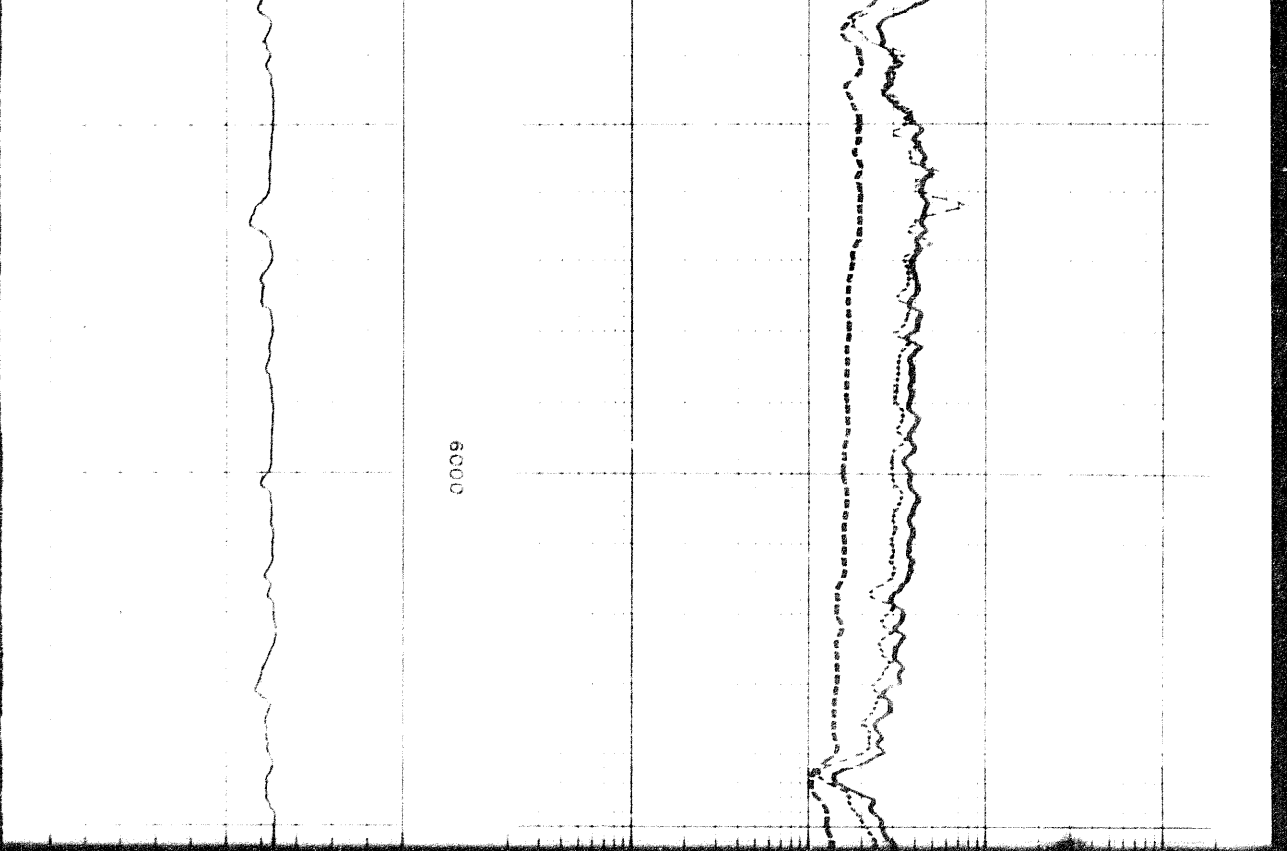
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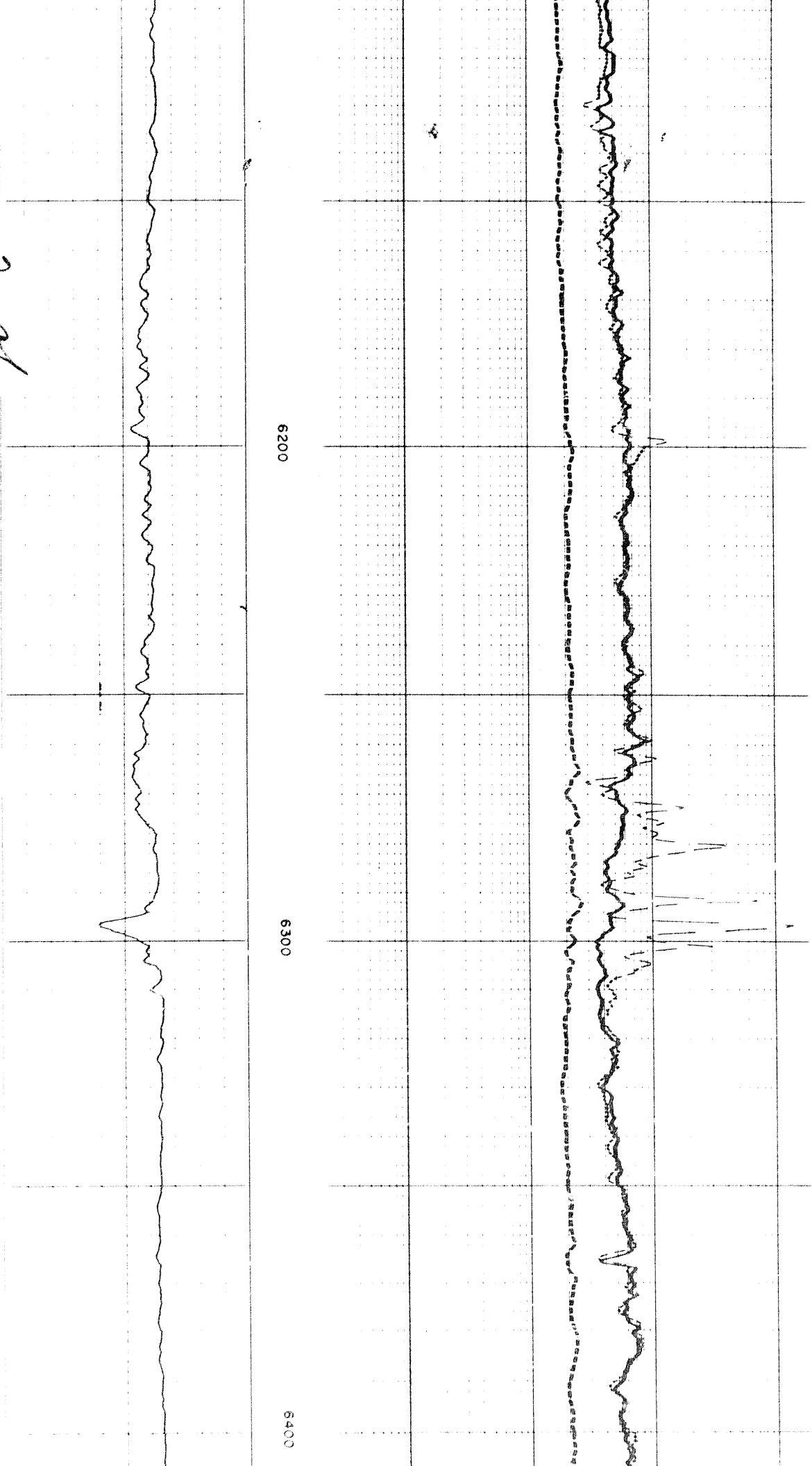
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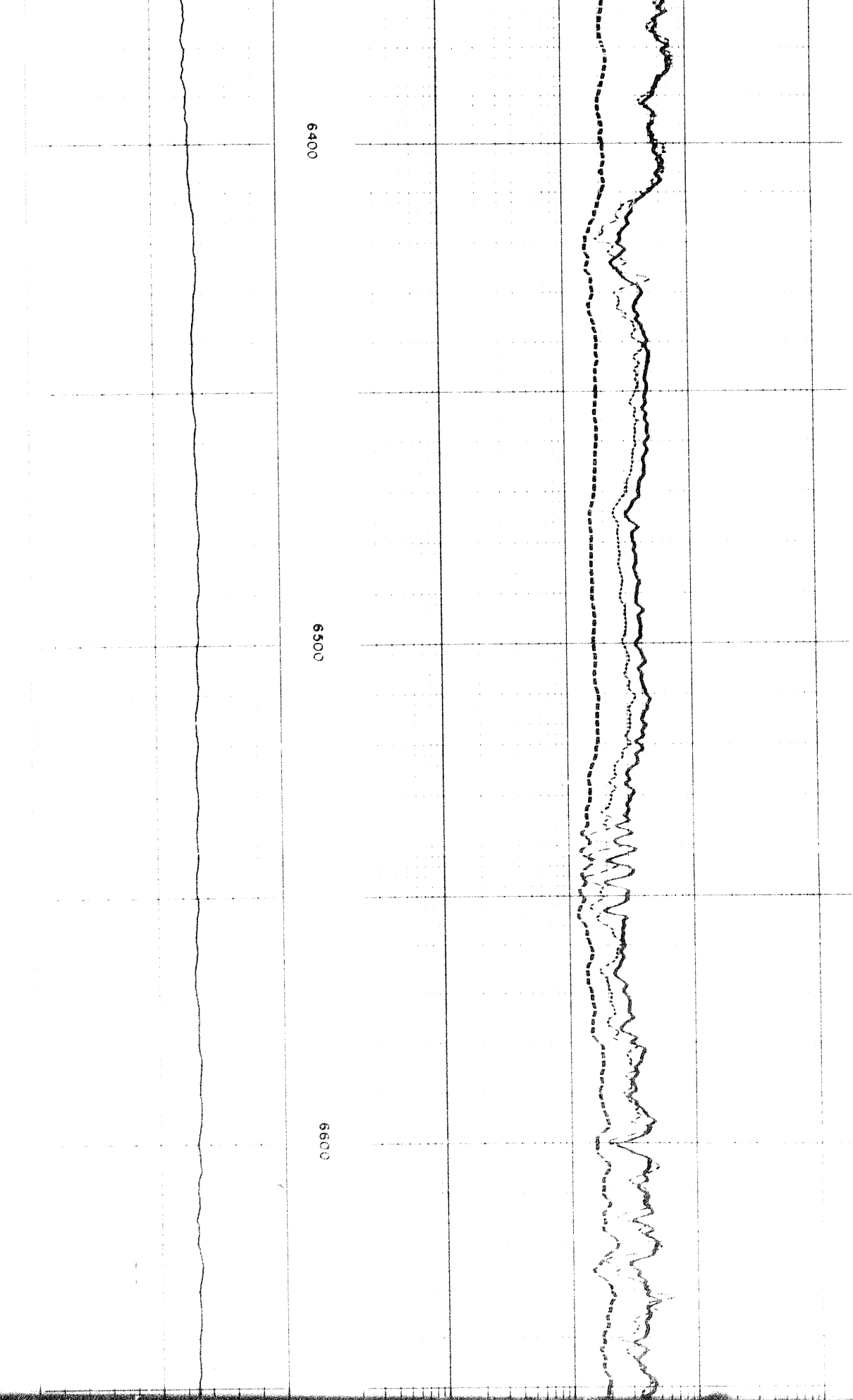
2107



6200

6300

6400



6400

6500

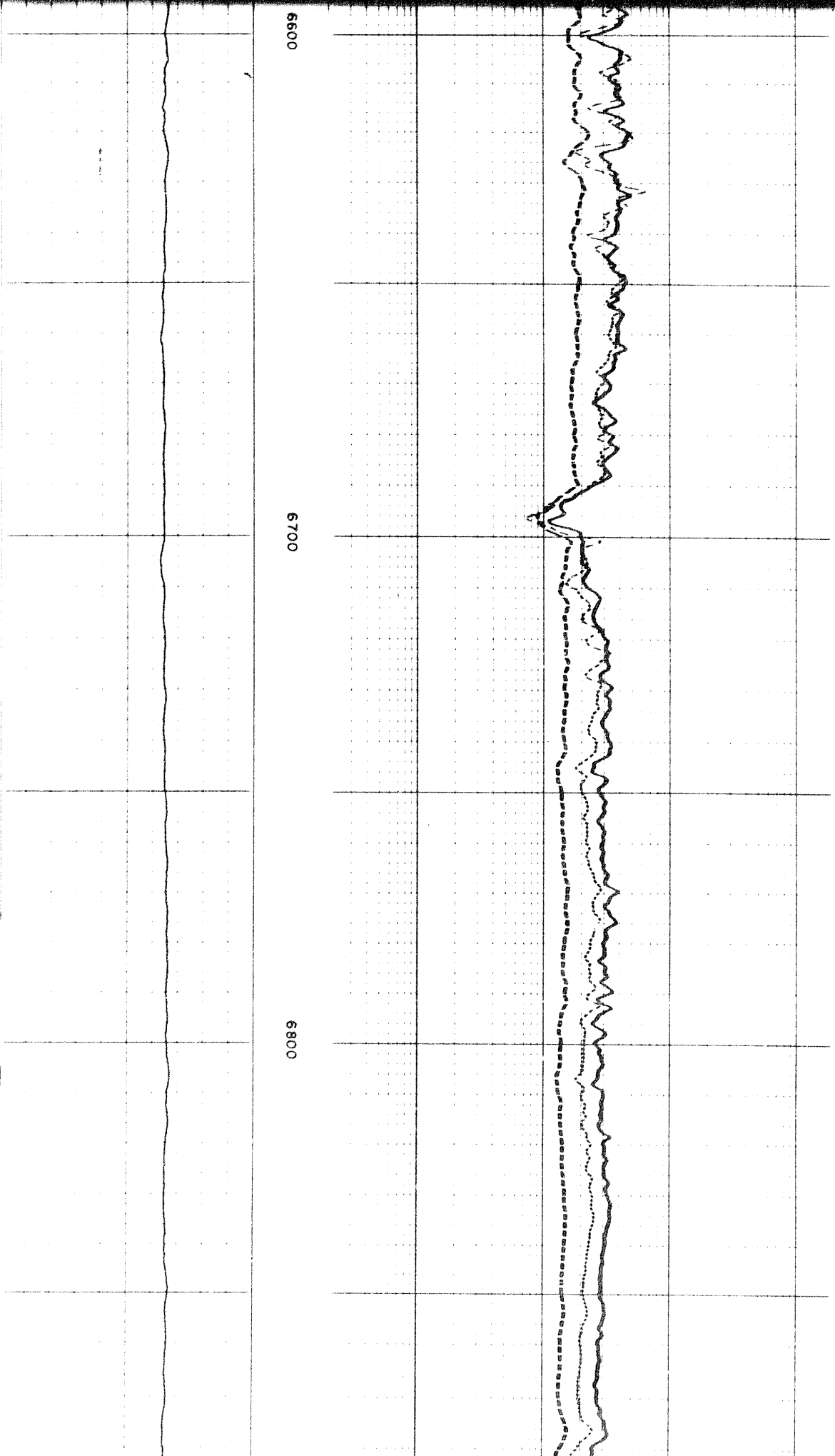
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66

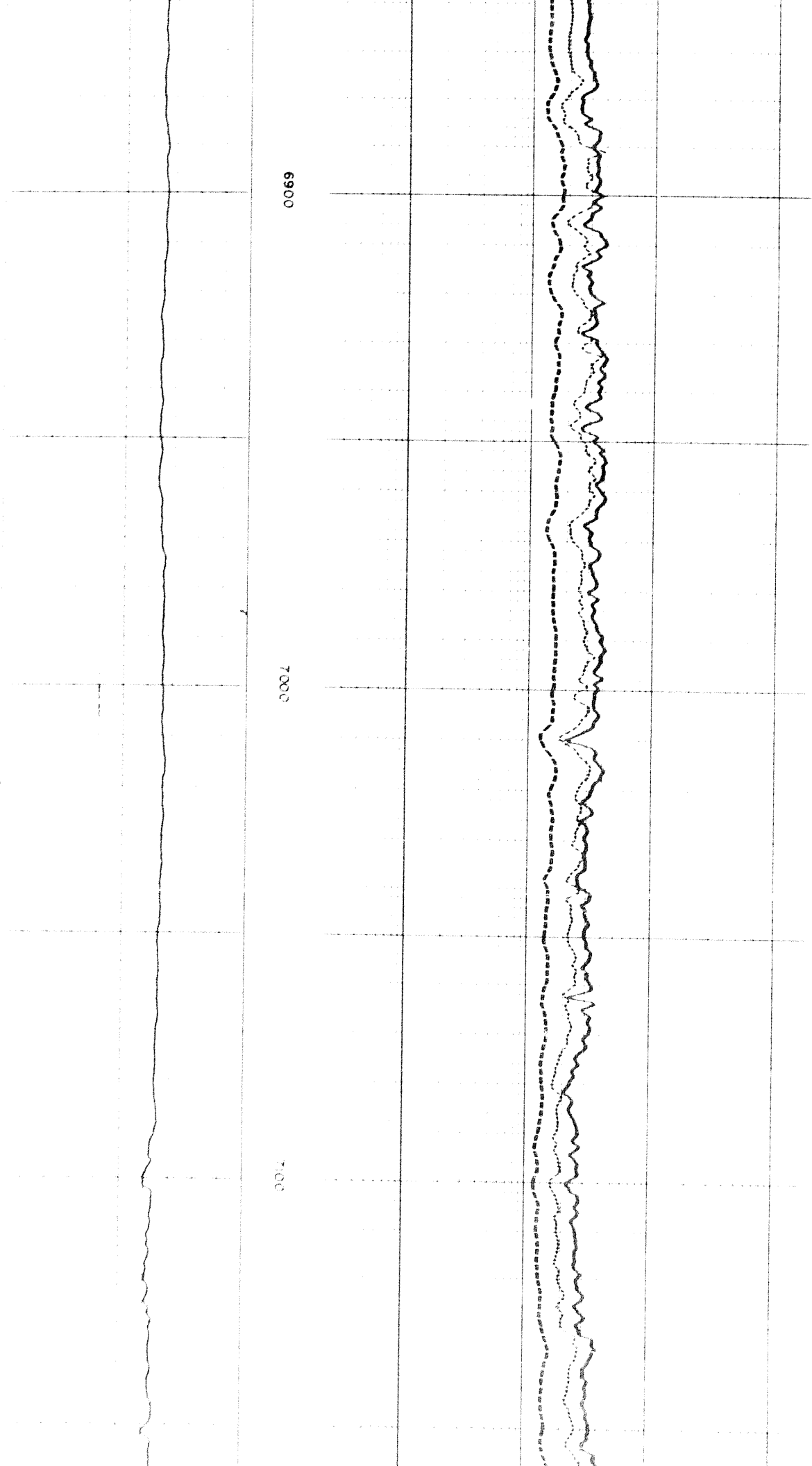
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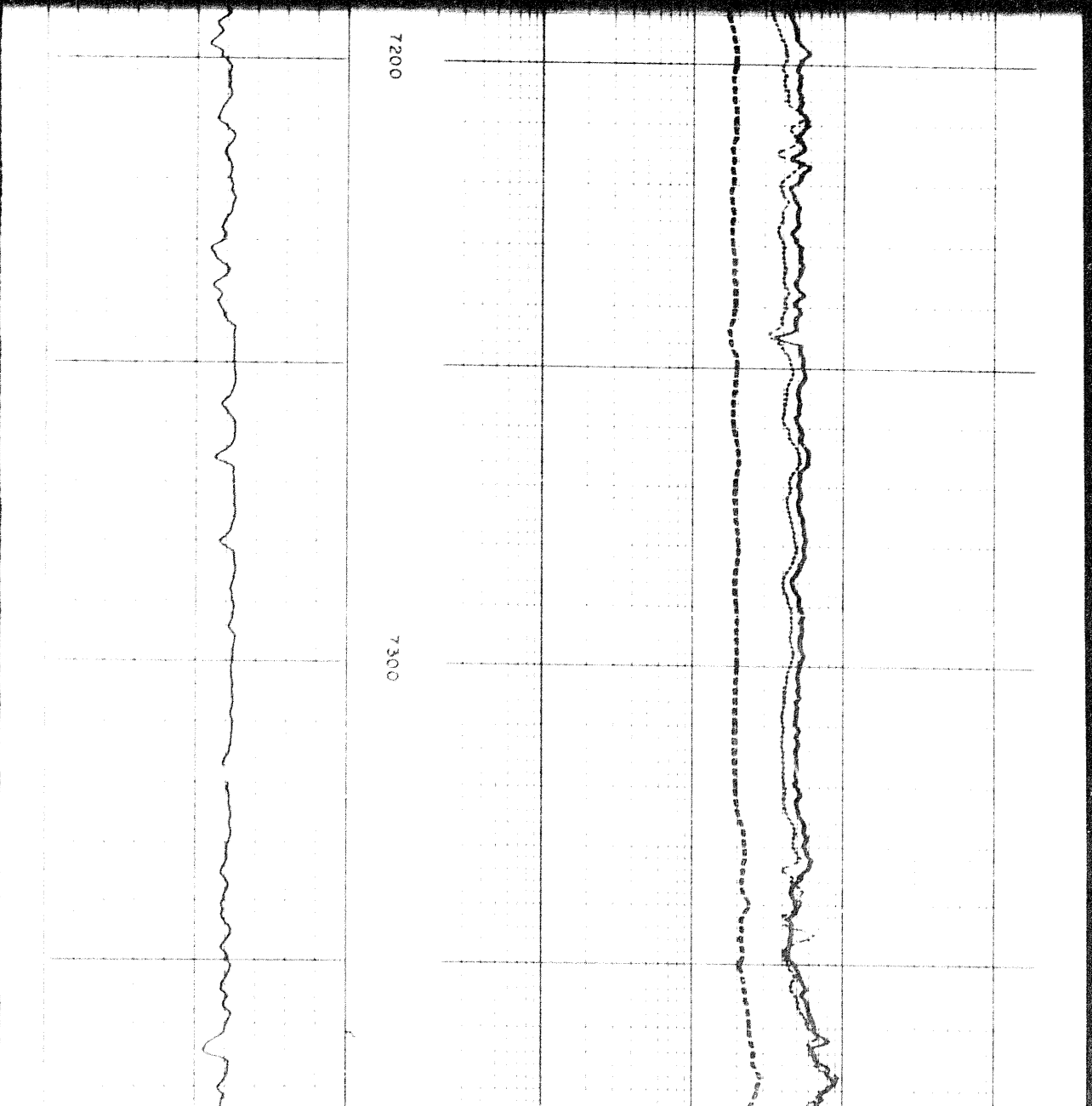
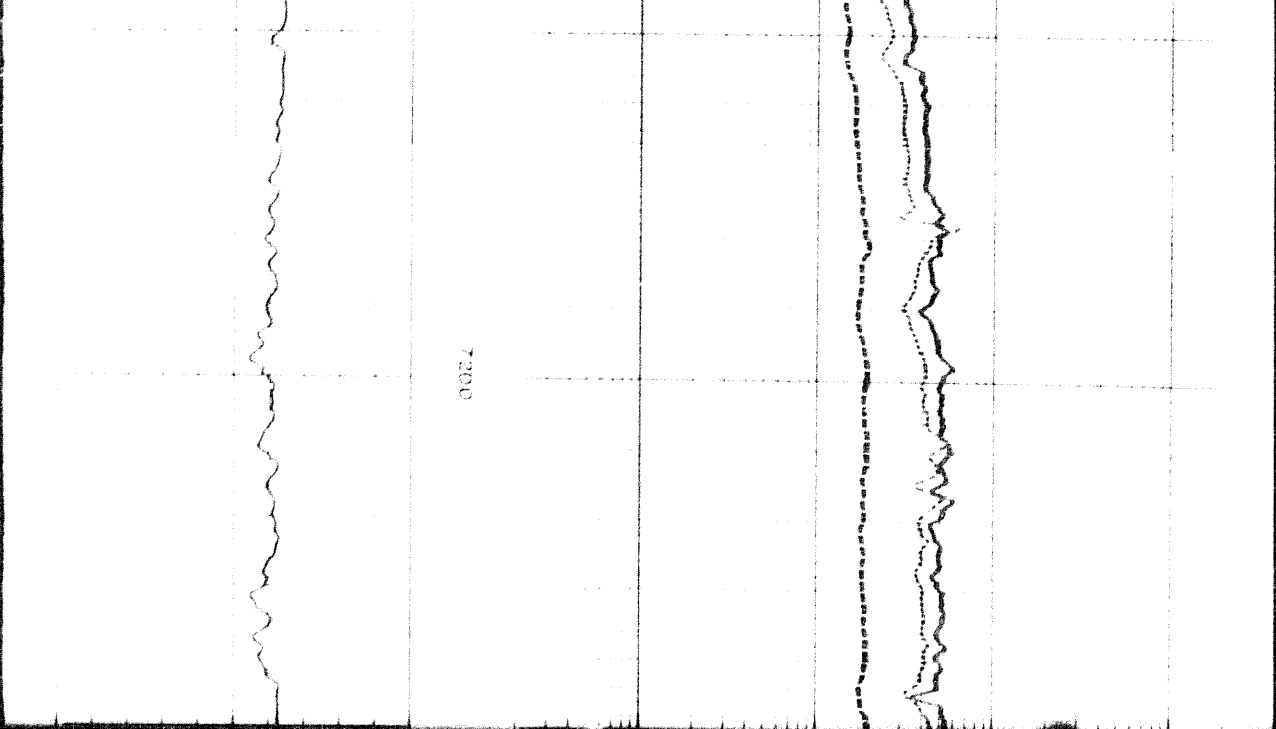
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6800

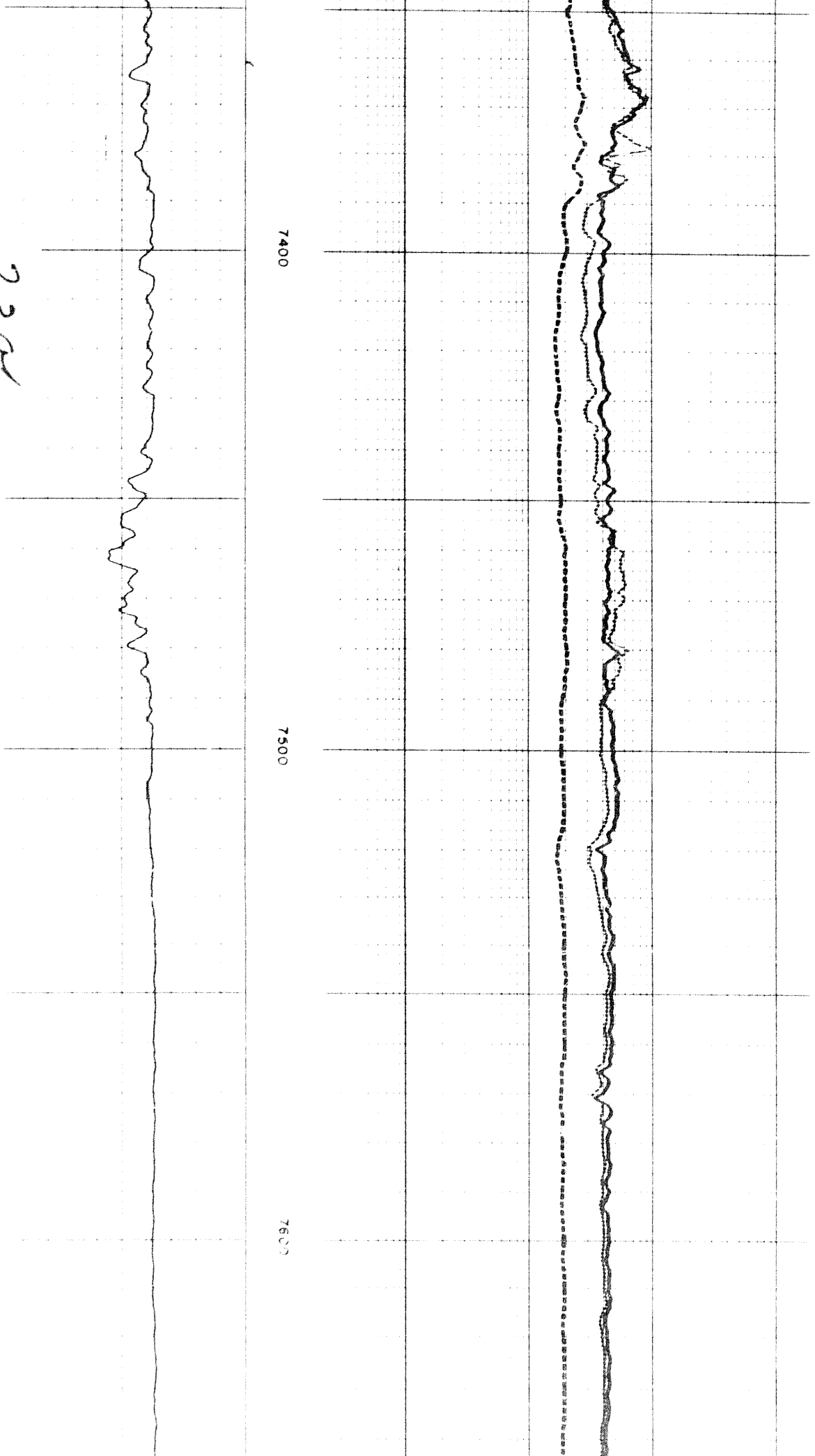


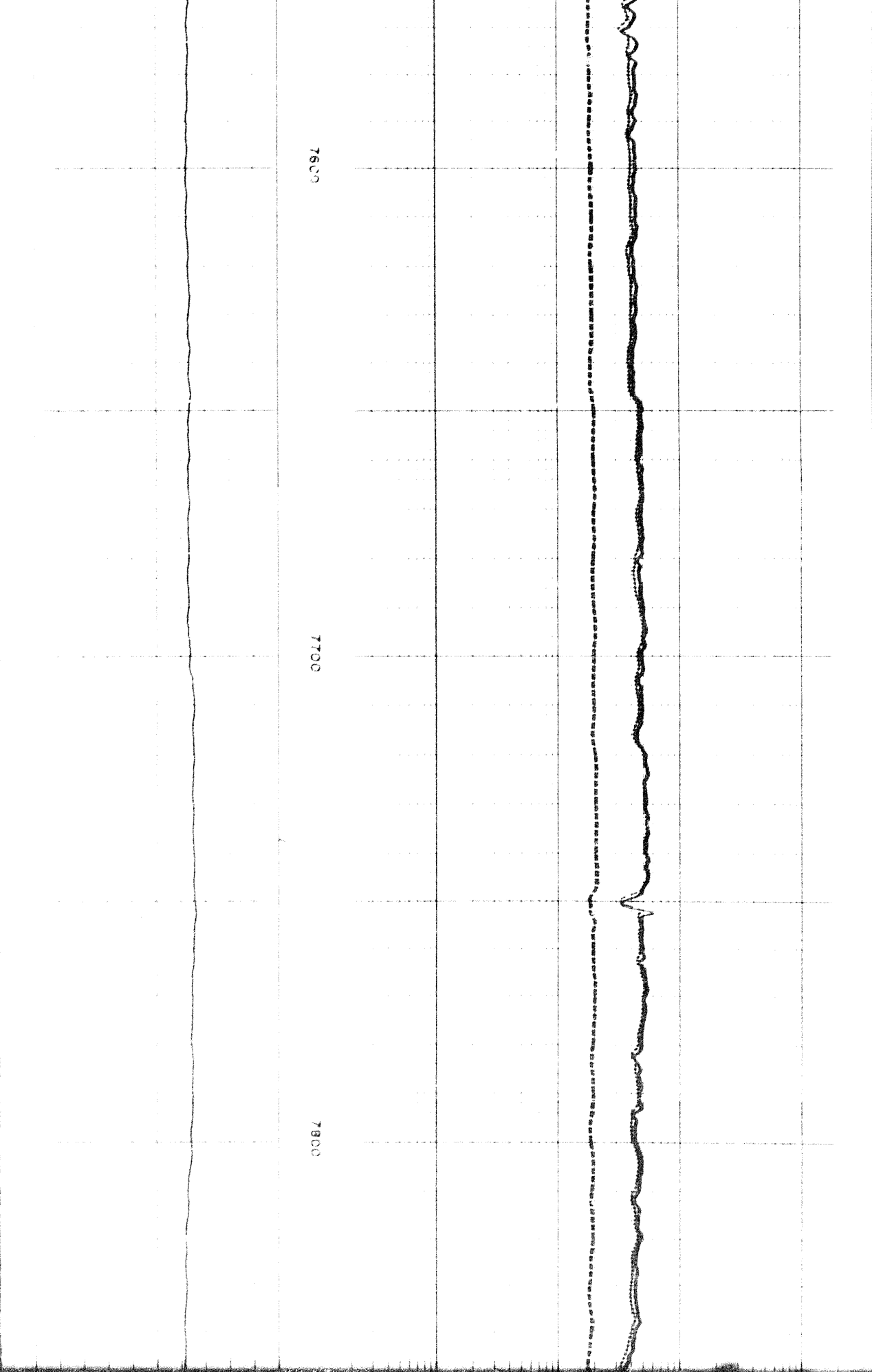
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2305

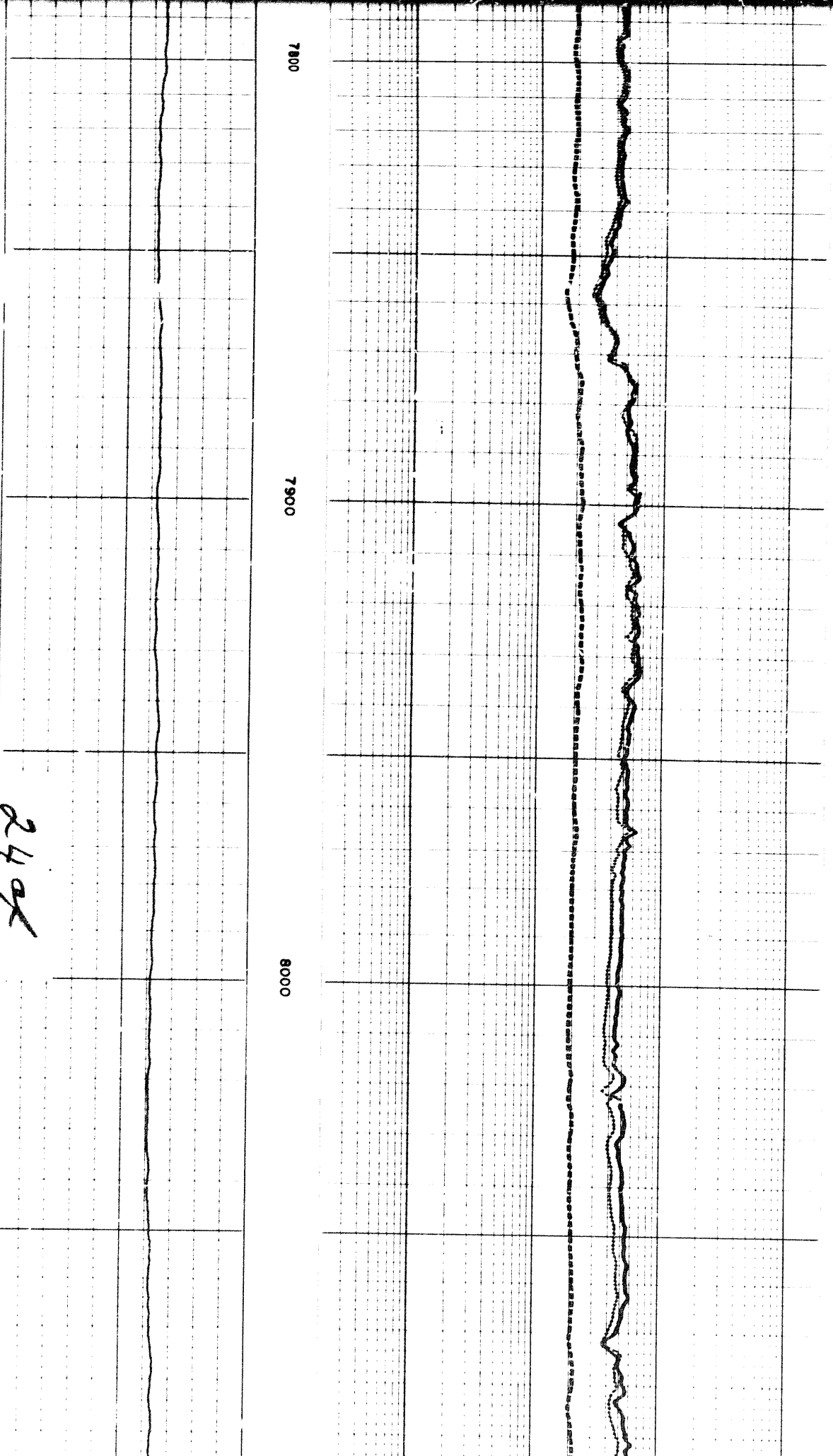


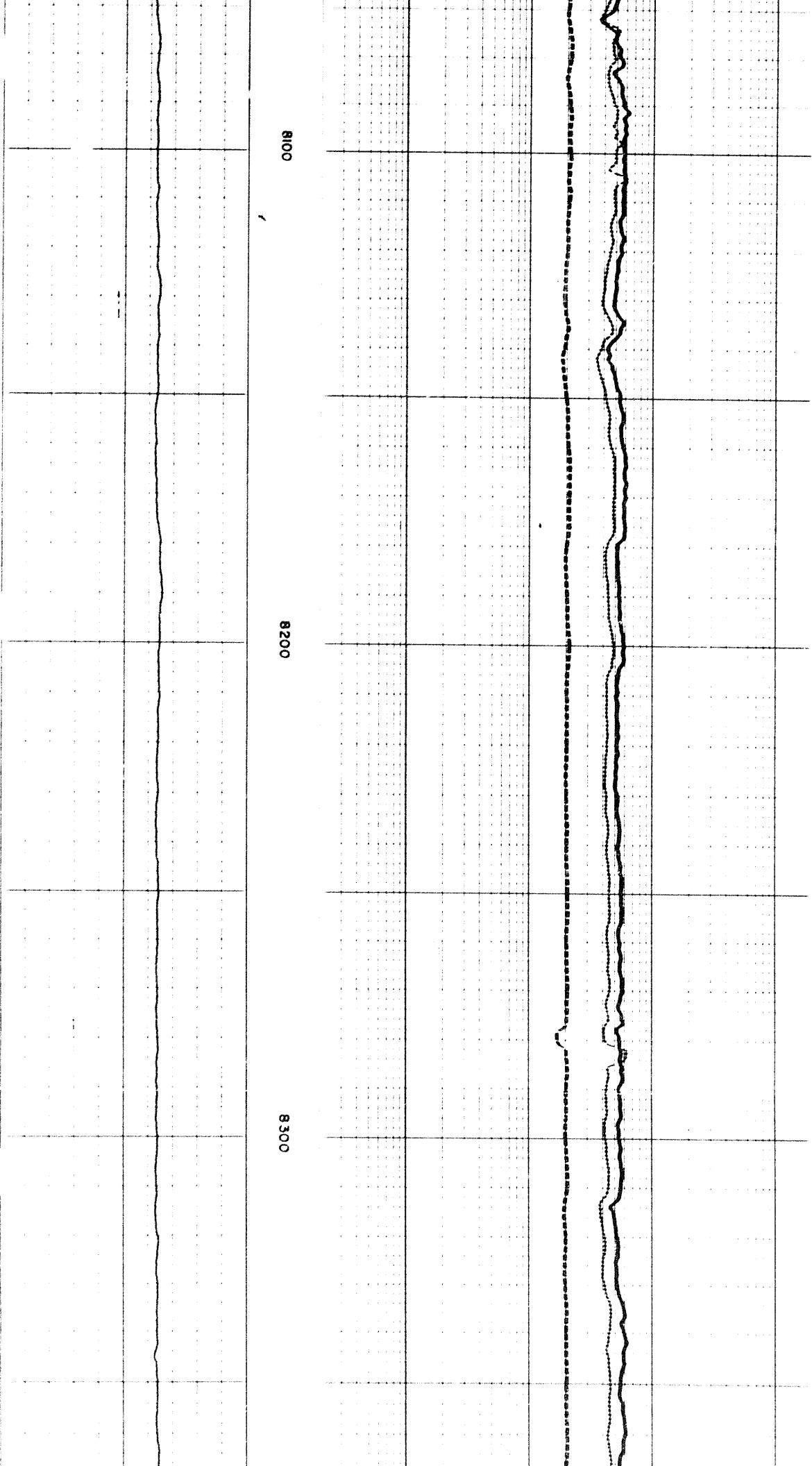


7600

7700

7800



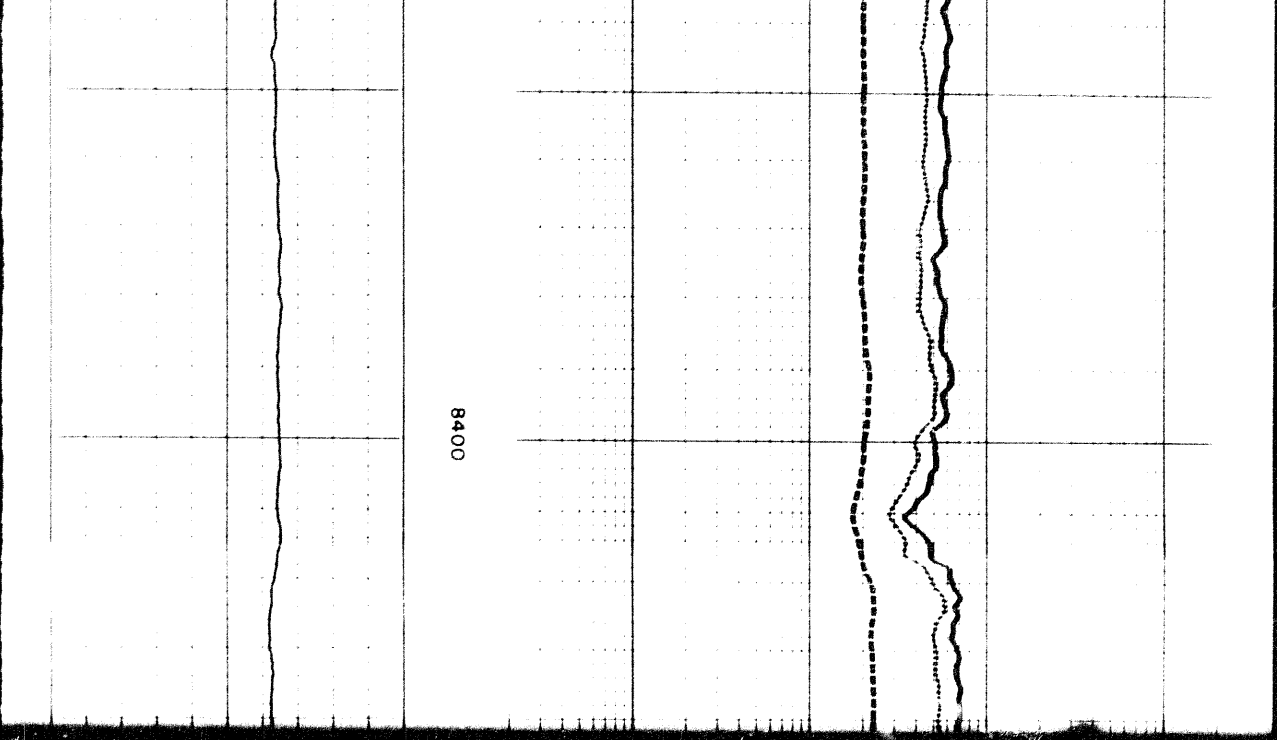


8100

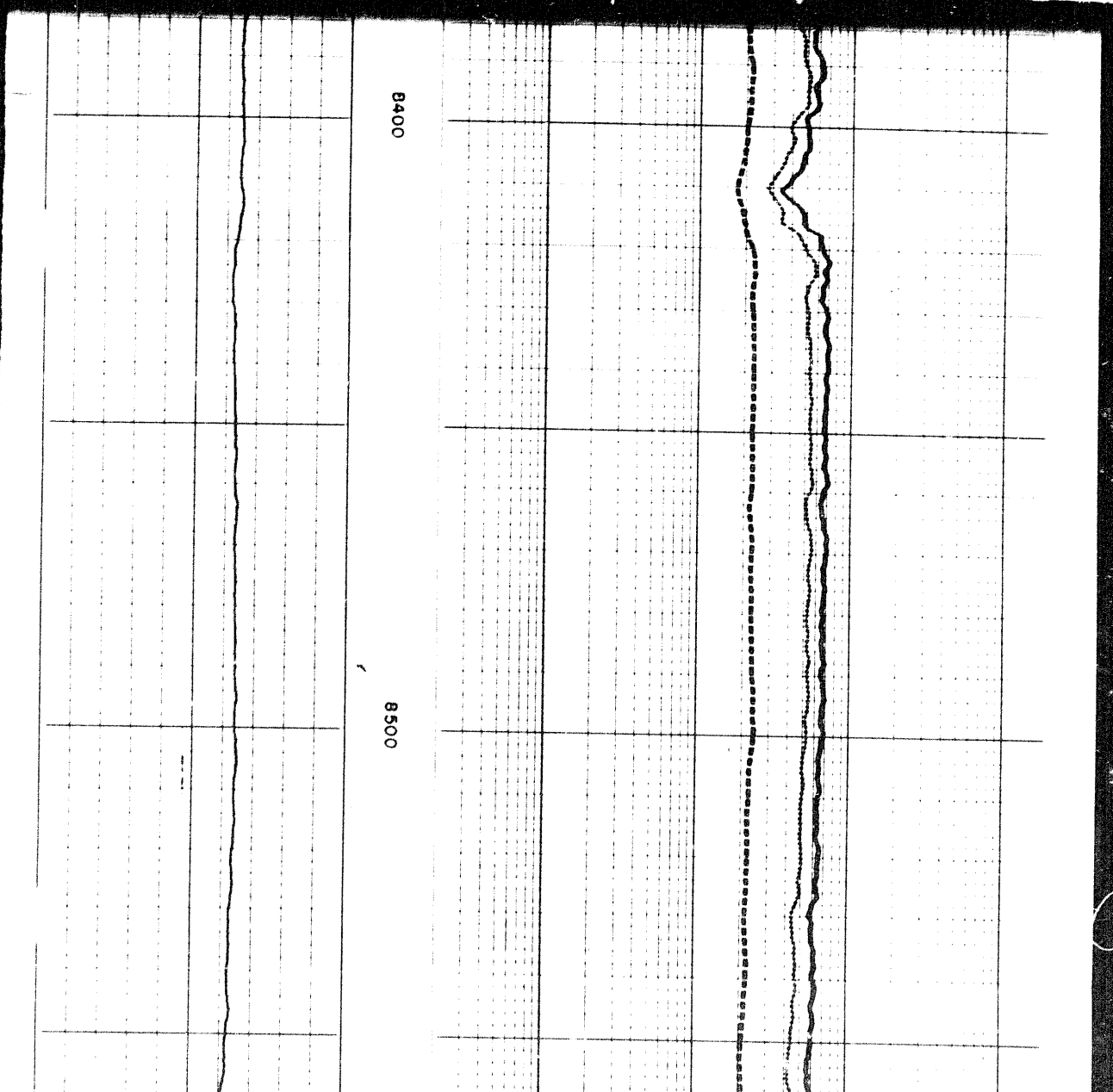
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8300

A



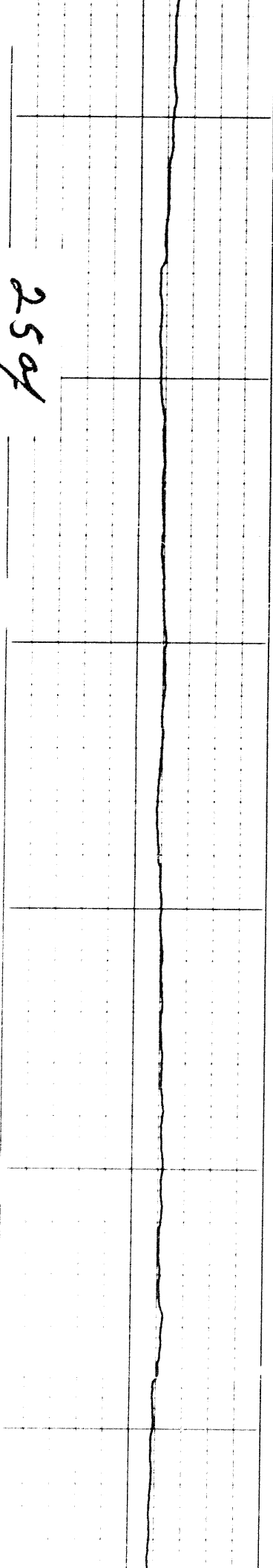
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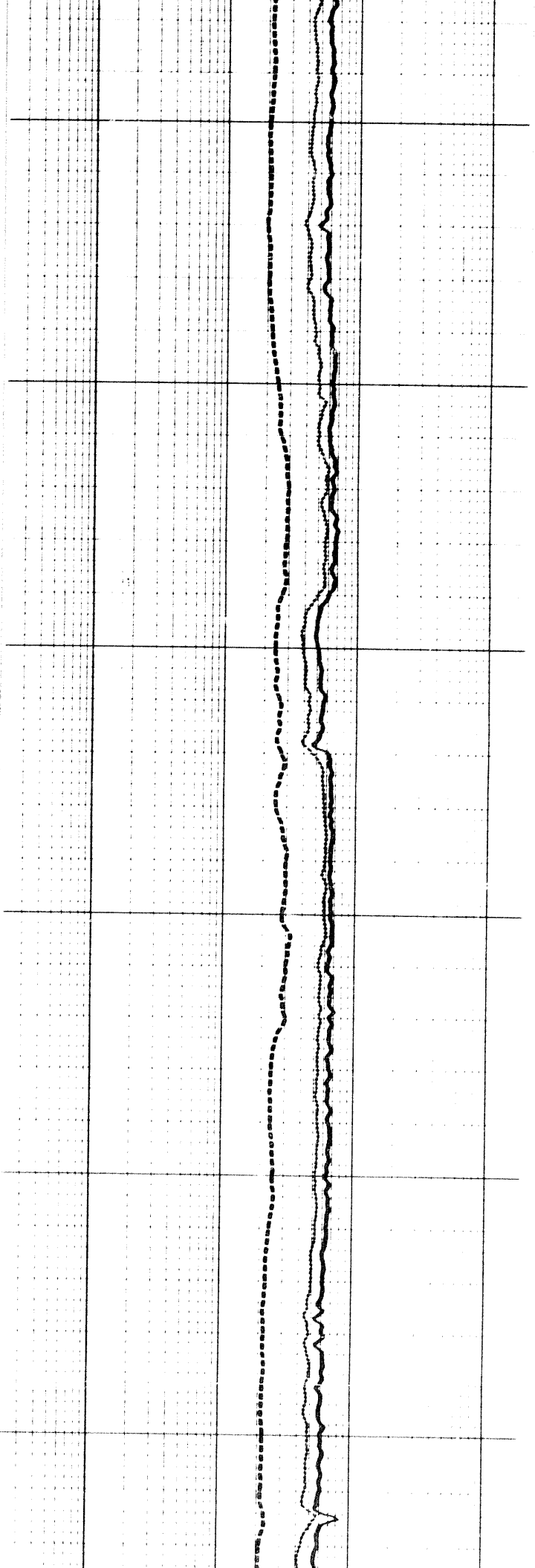
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8500

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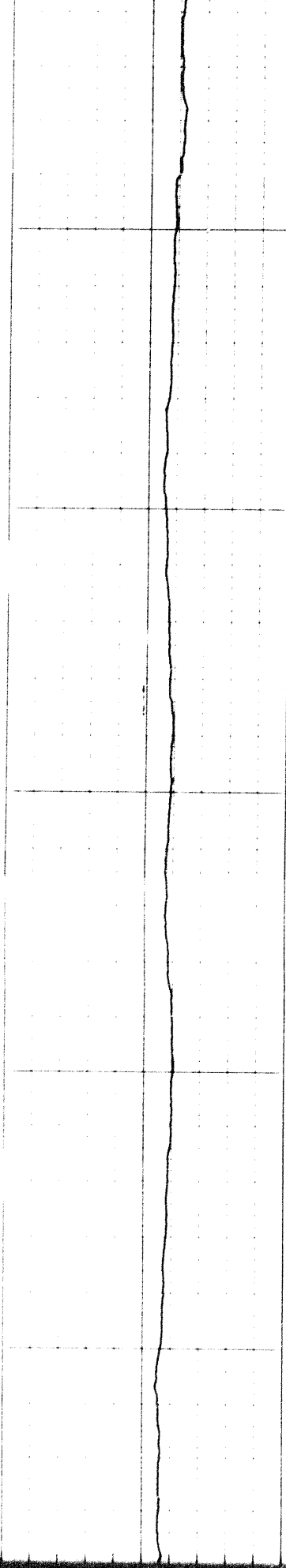


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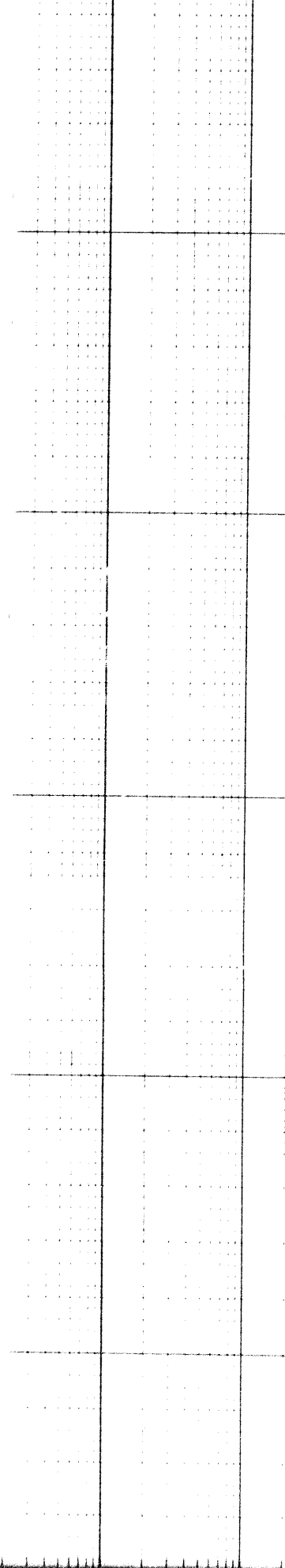


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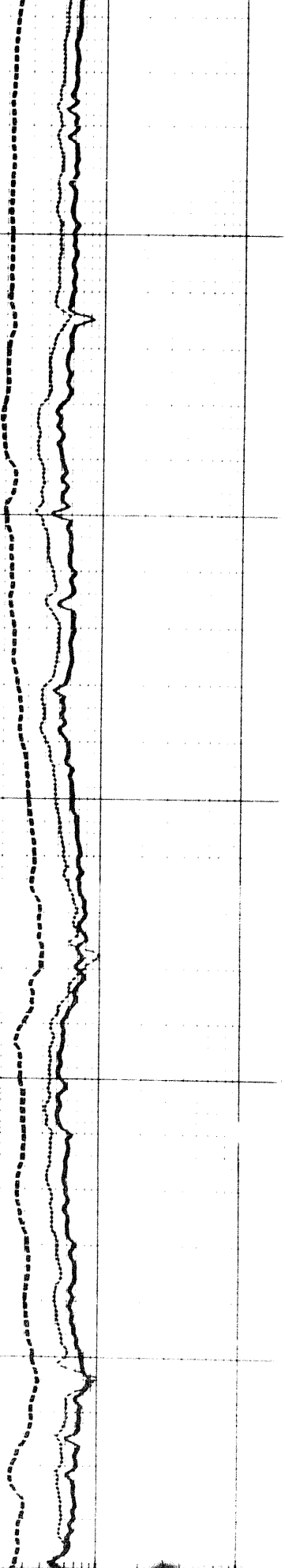
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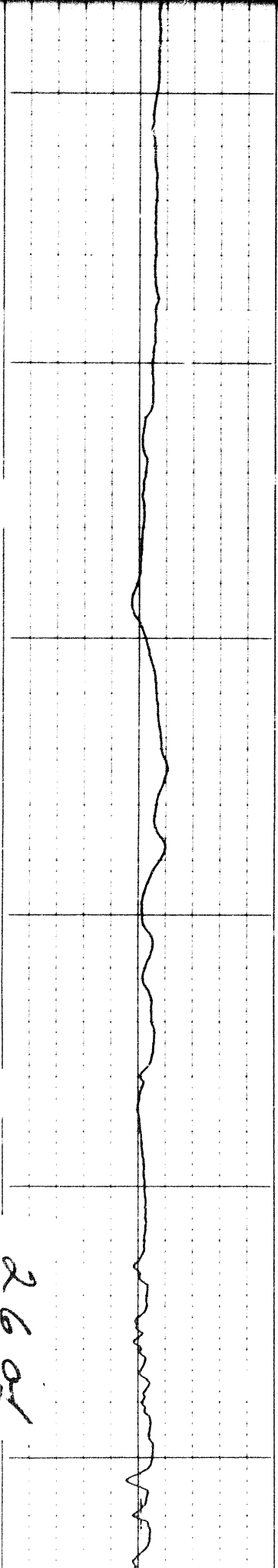


8900



9000

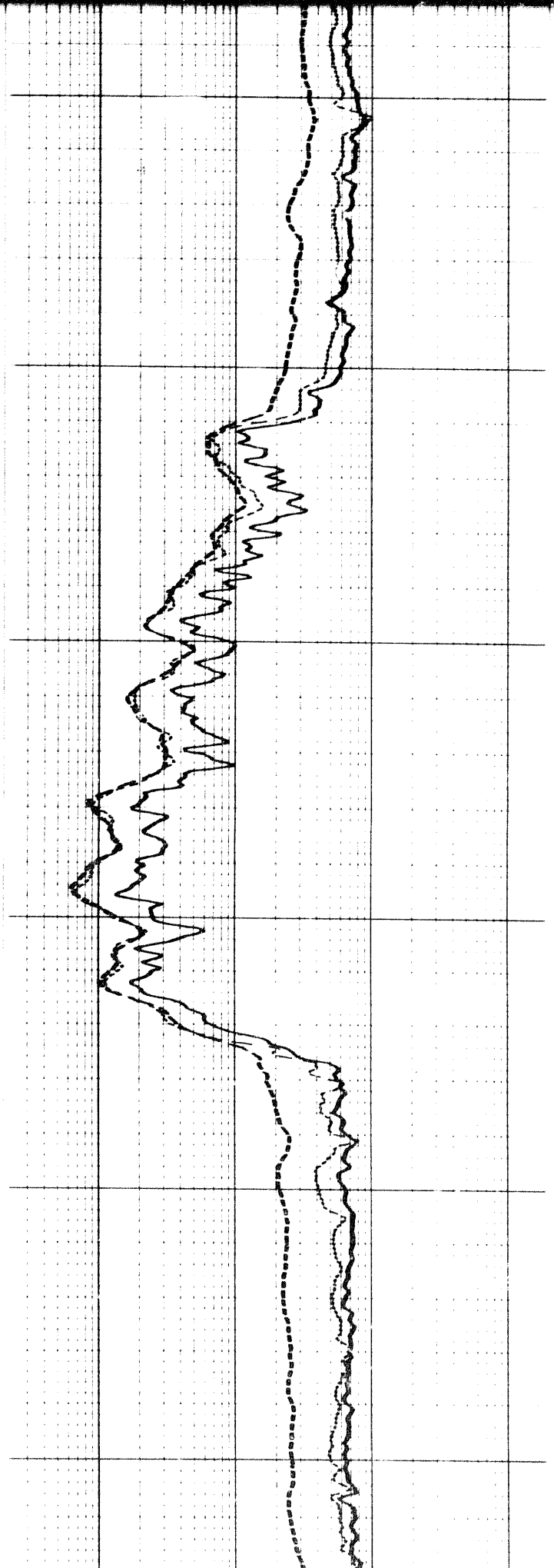
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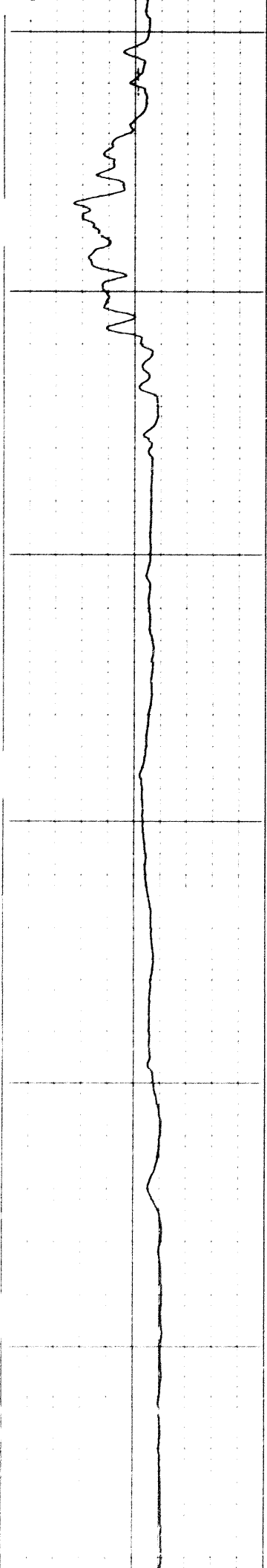


9000

9100

9200

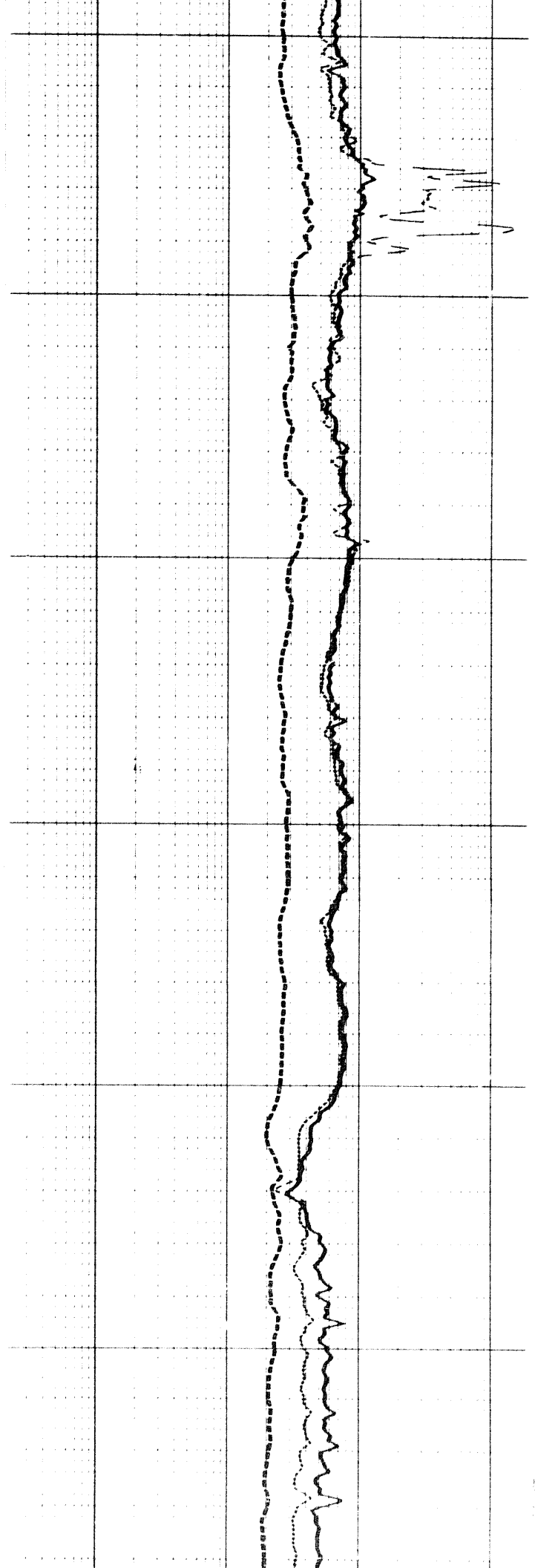


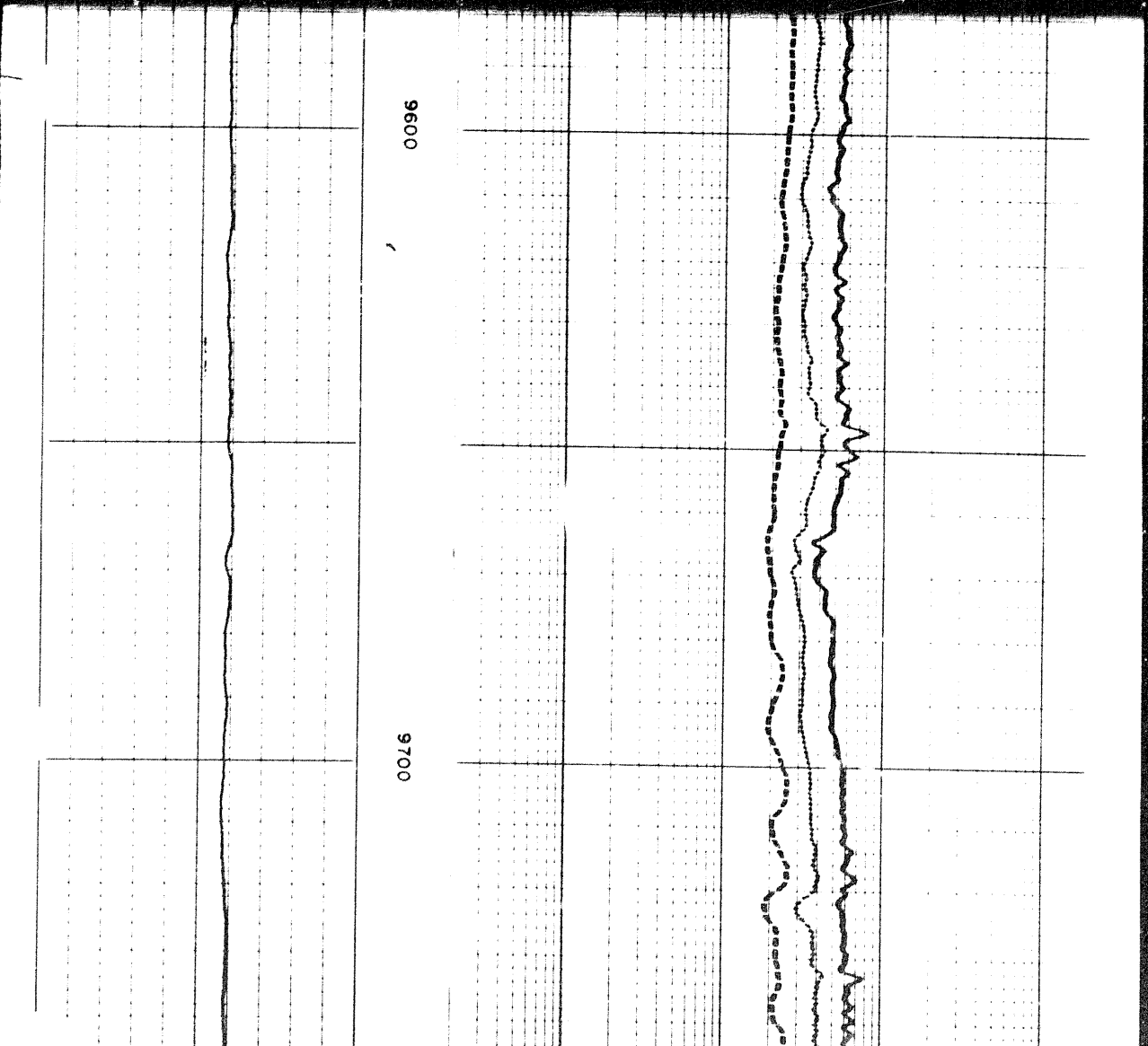
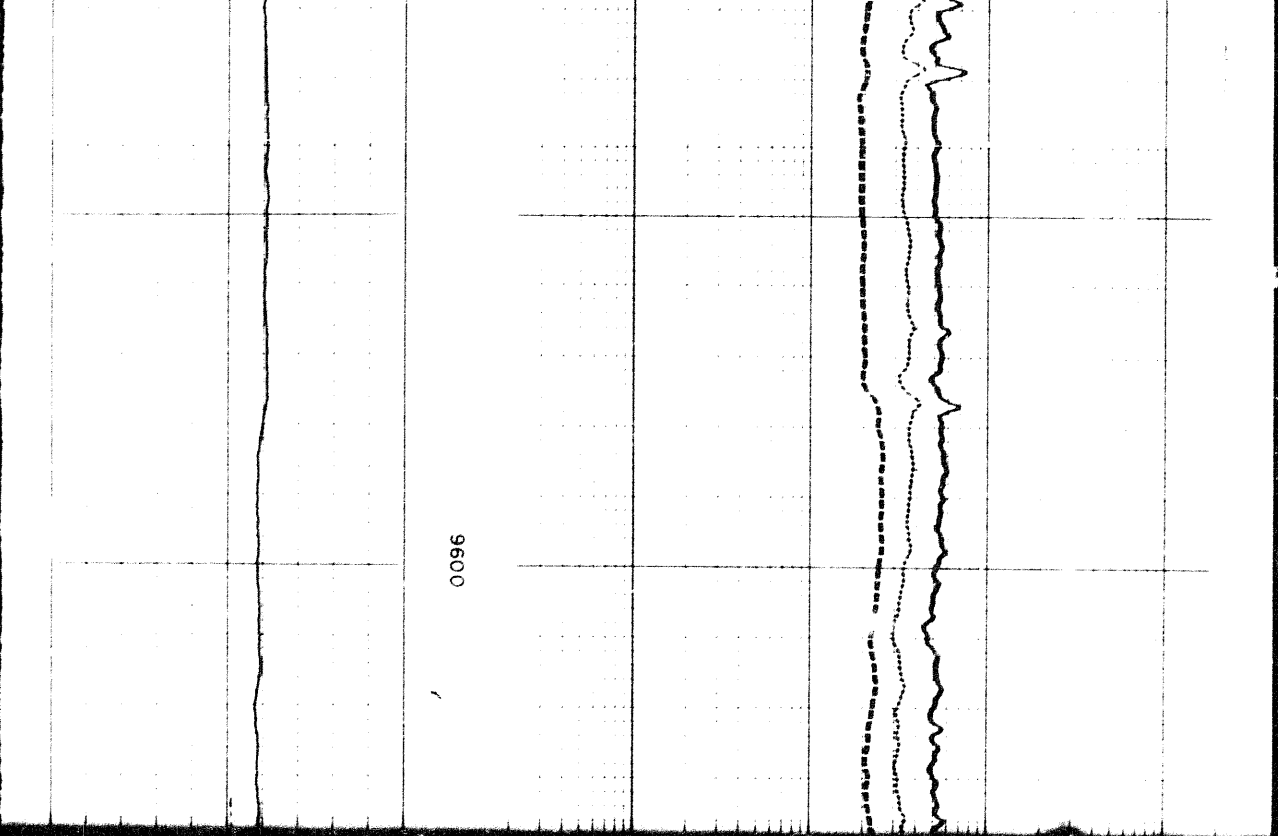


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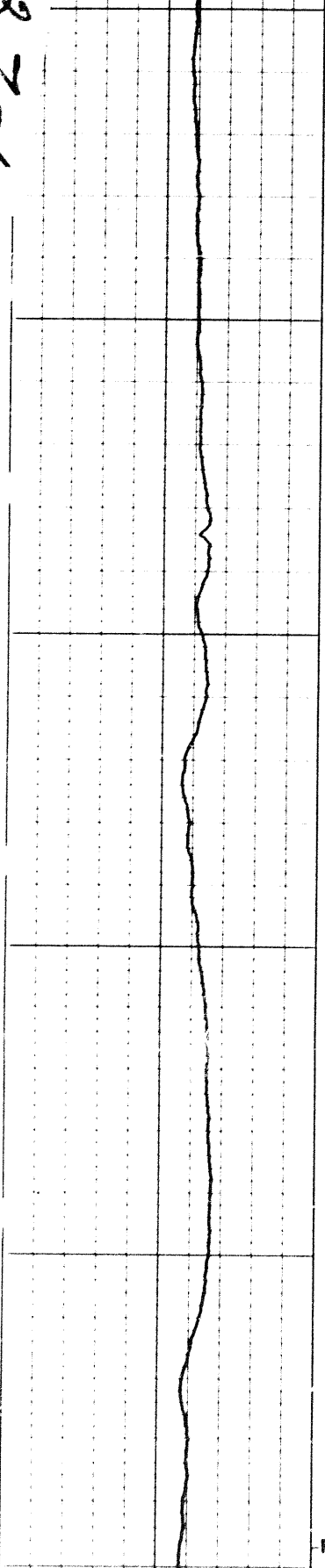
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9500





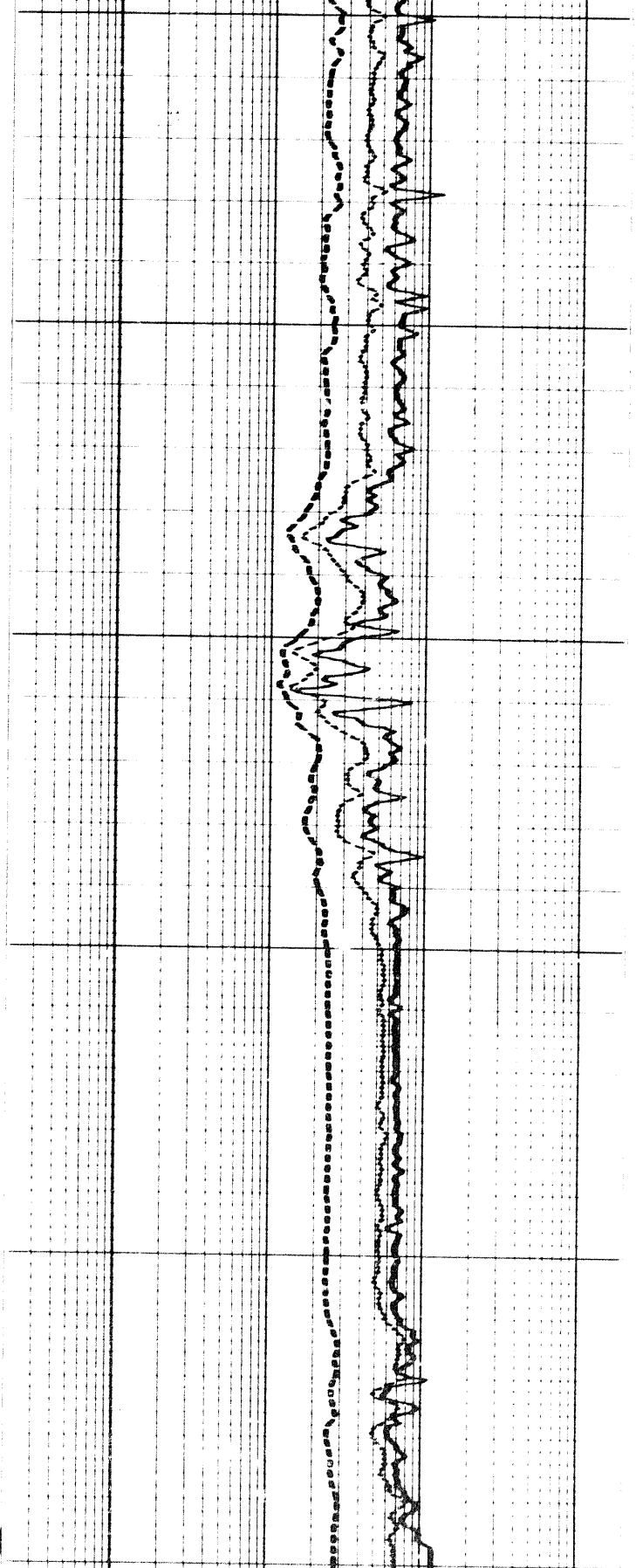
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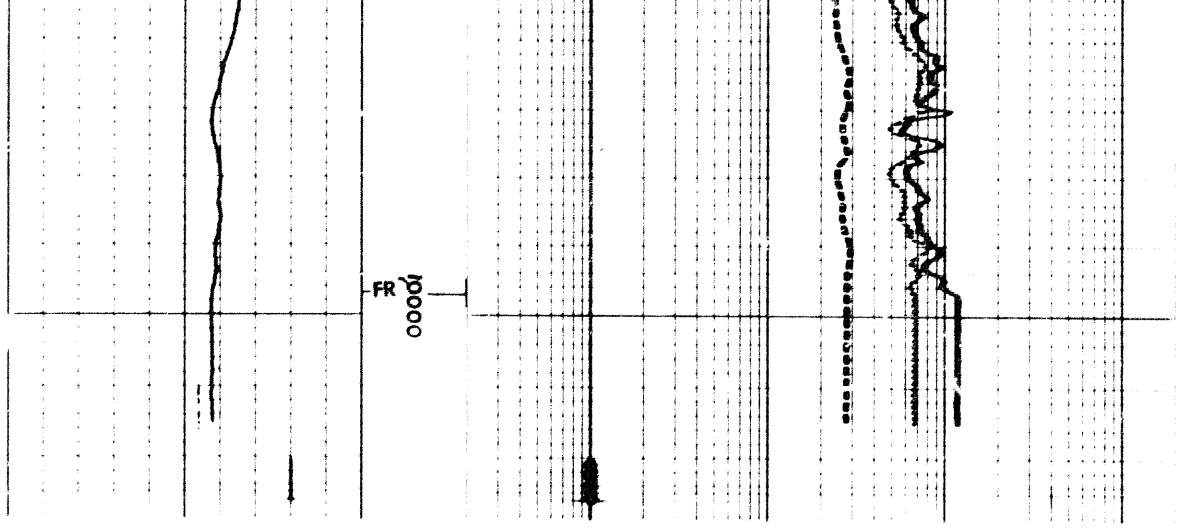


FR
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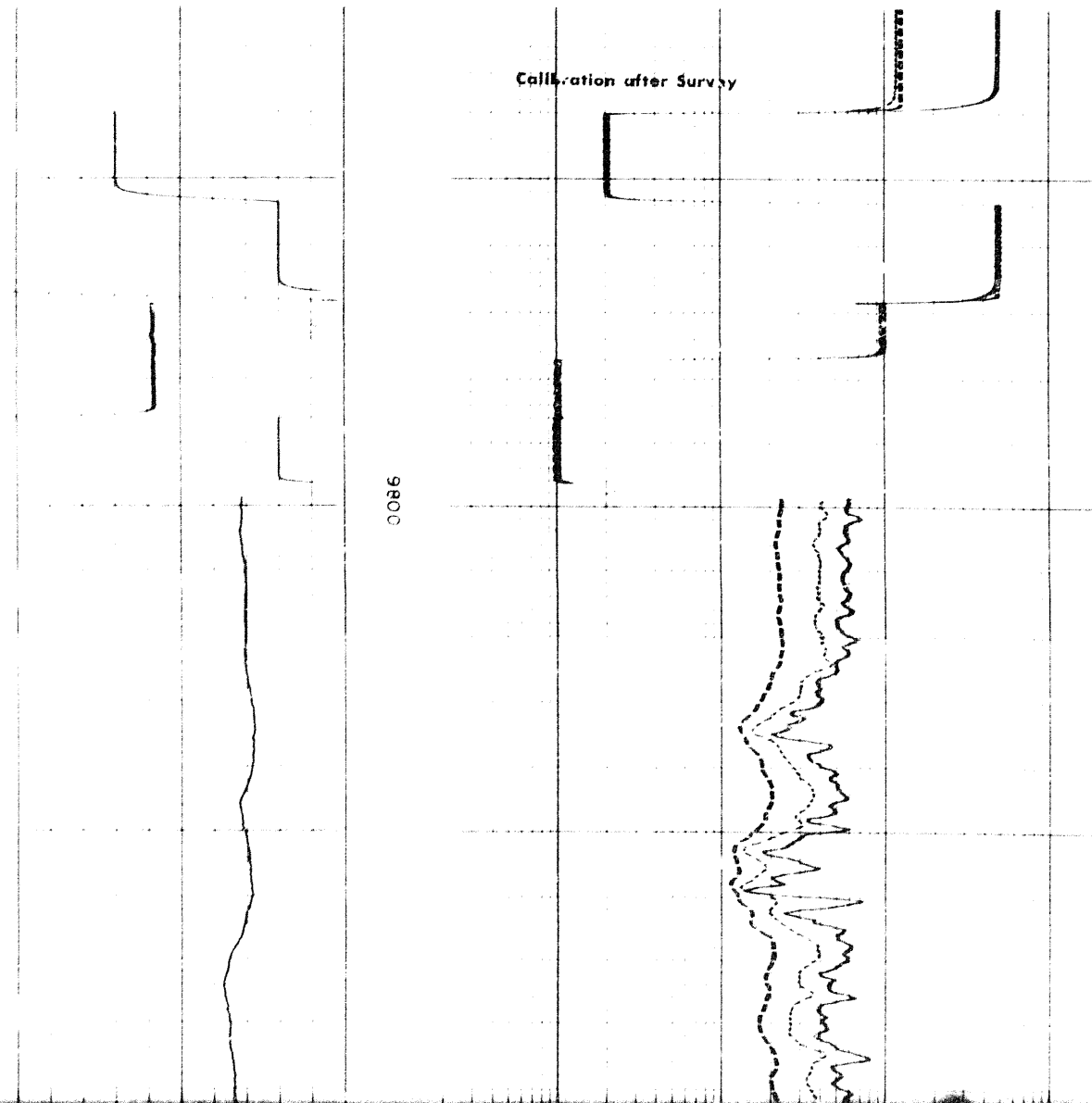
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0086



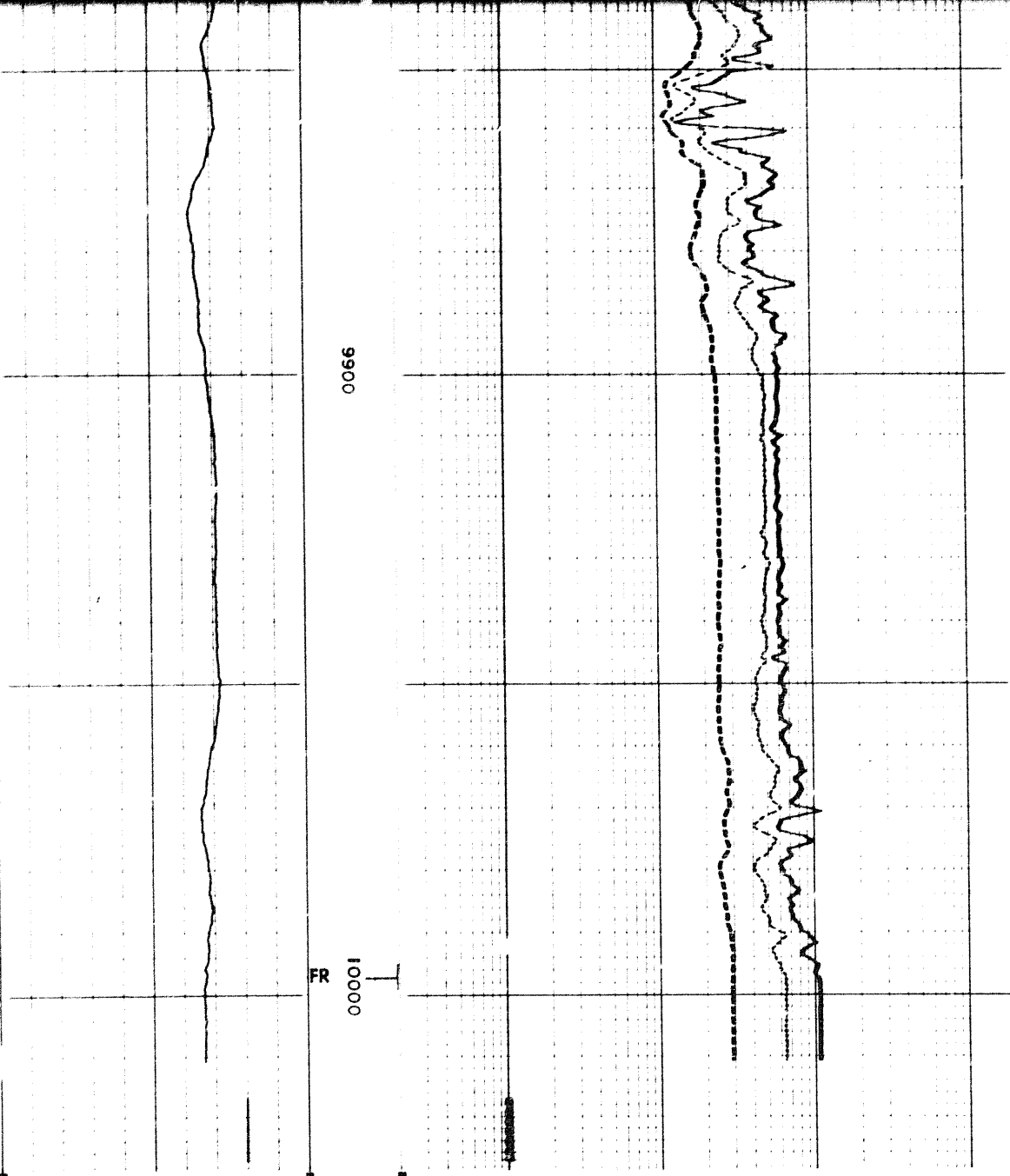


REPEAT SECTION



2802

Speed in fpm



1 10 100 1000

DEEP INDUCTION LOG

1 10 100 1000

MEDIUM INDUCTION LOG

1 10 100 1000

LATEROLOG-8

SPONTANEOUS-POTENTIAL millivolts	DEPTHS	RESISTIVITY ohms m/in
-------------------------------------	--------	--------------------------

DETAIL LOG 5" = 100' RUN 3

SPONTANEOUS-POTENTIAL	DE	RESISTIVITY
-----------------------	----	-------------

SPONTANEOUS-POTENTIAL
millivolts

DEPTHS

RESISTIVITY
ohms m/m

DETAIL LOG 5" = 100' RUN 3

SPONTANEOUS-POTENTIAL
millivolts

DEPTHS

RESISTIVITY
ohms m/m

LATEROLOG-8

1 10 100 1000

MEDIUM INDUCTION LOG

1 10 100 1000

DEEP INDUCTION LOG

1 10 100 1000

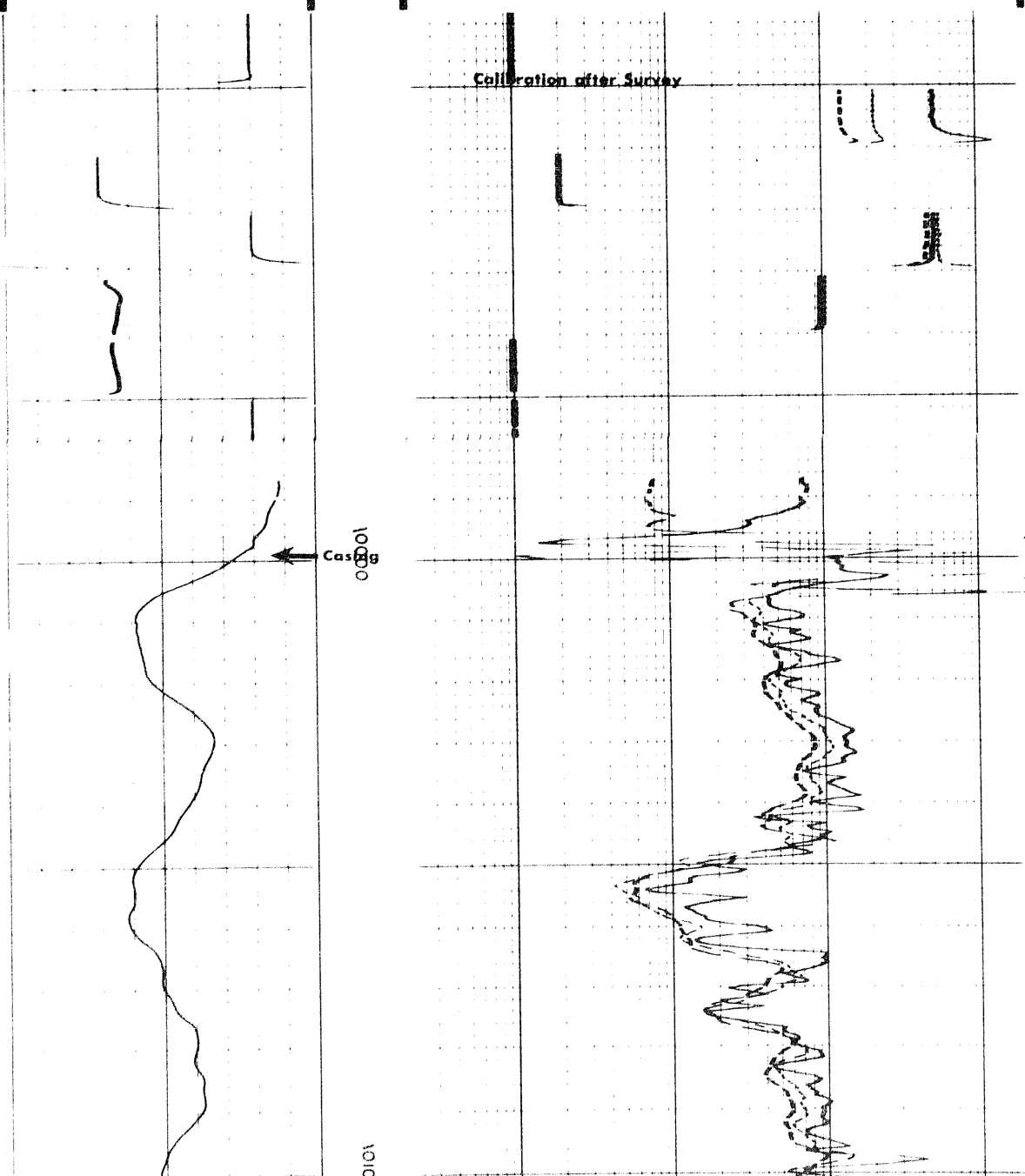
Speed in FPM

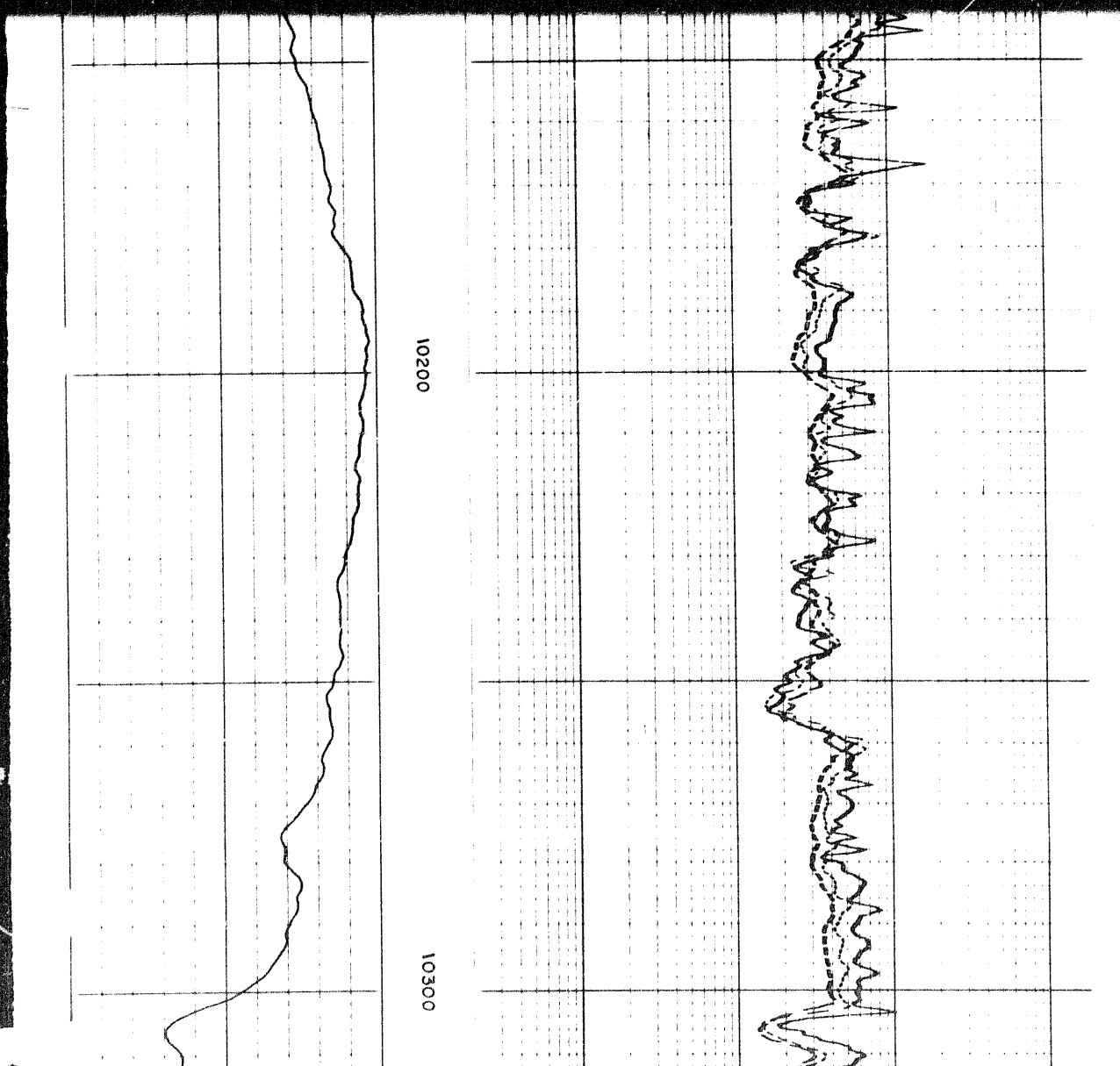
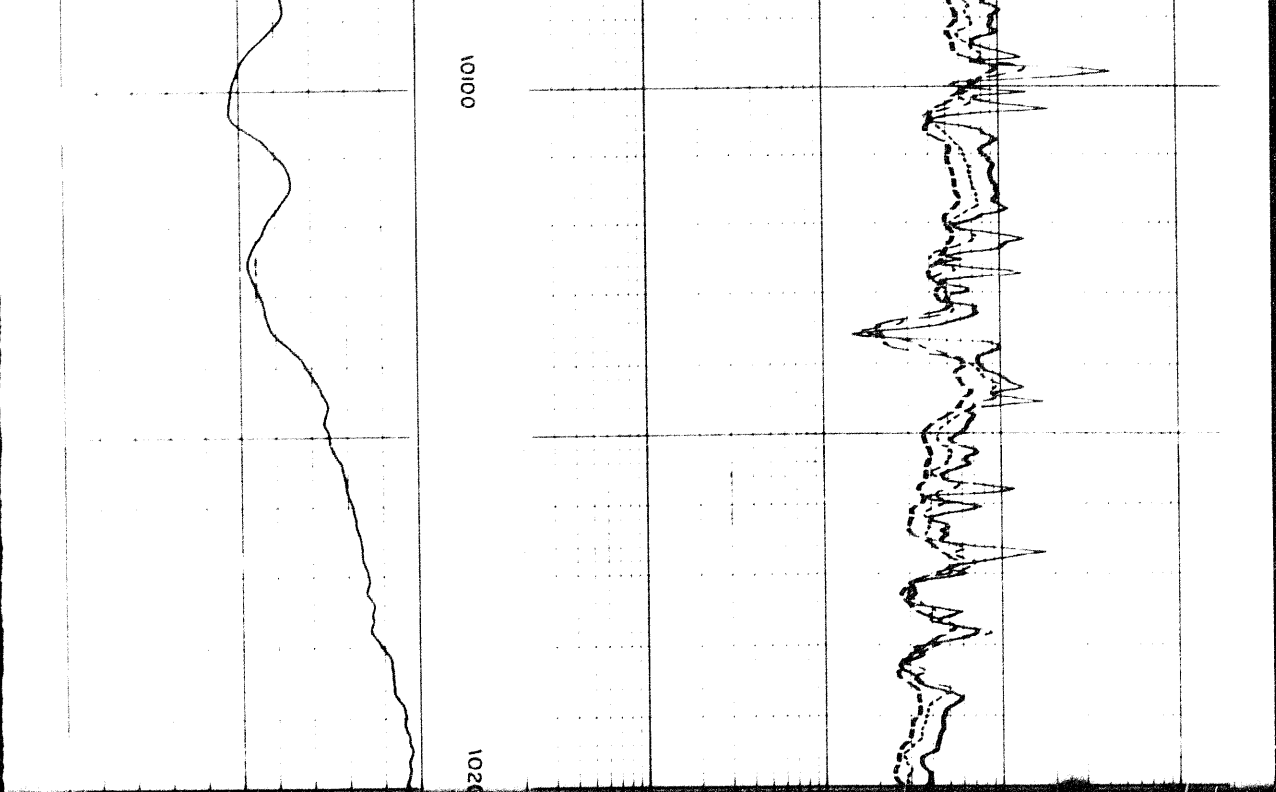
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Calibration after Survey

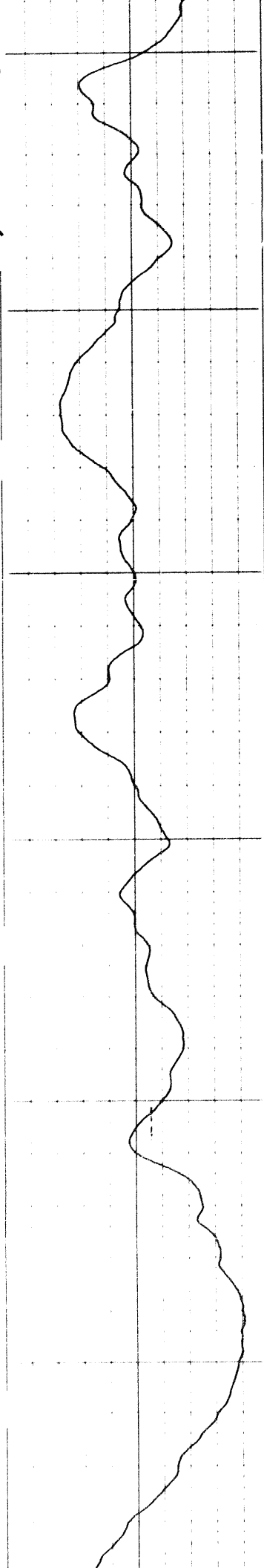
10000
Case

10100





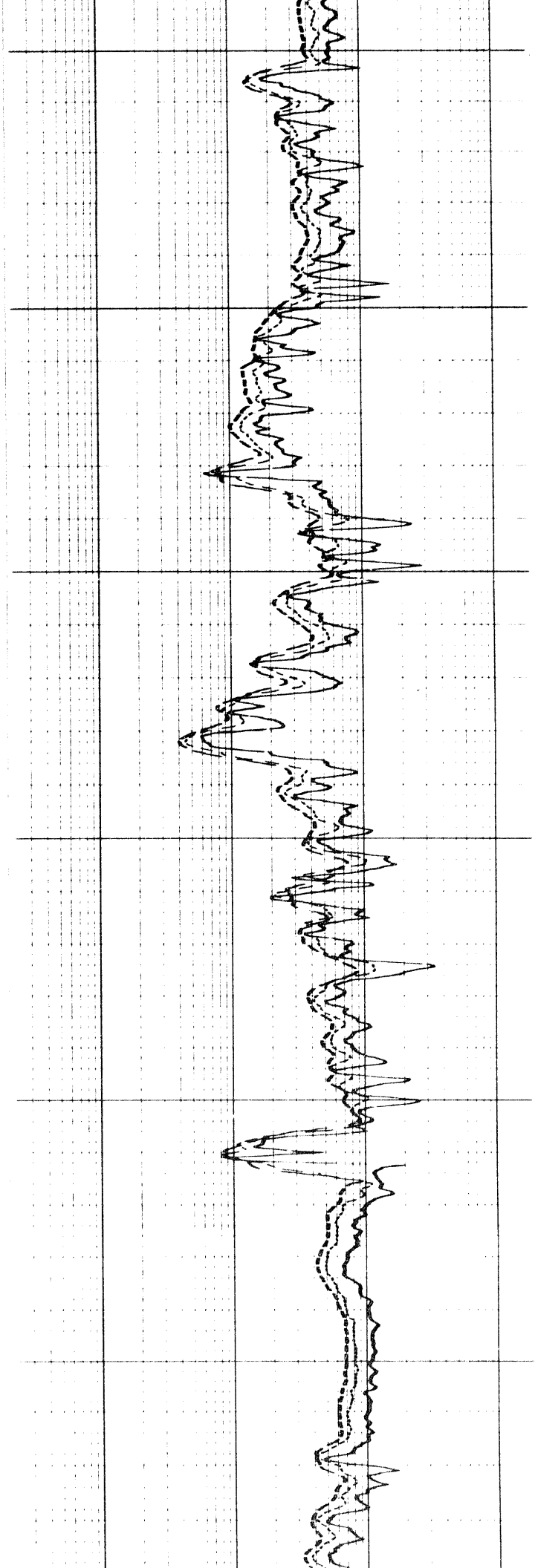
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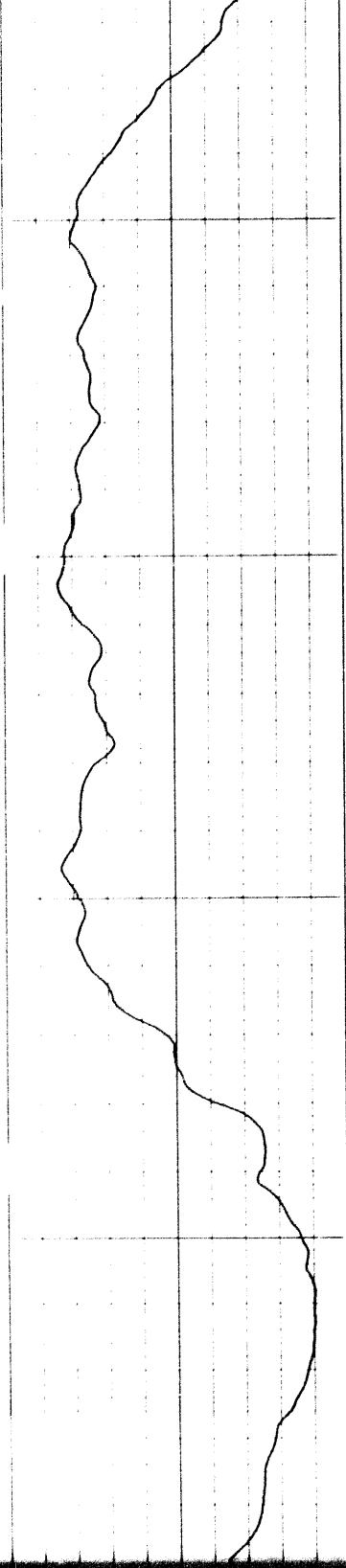


10300

10400

10500

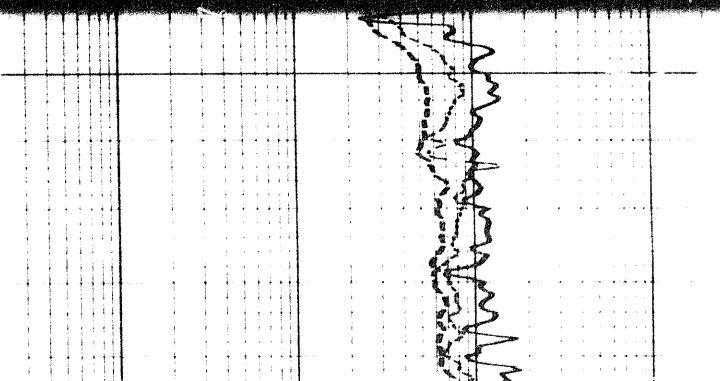
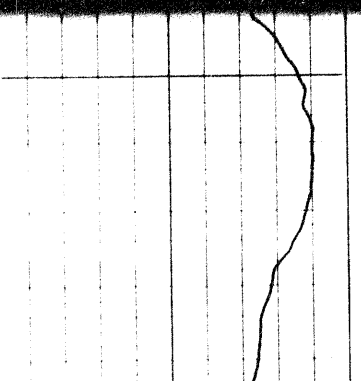
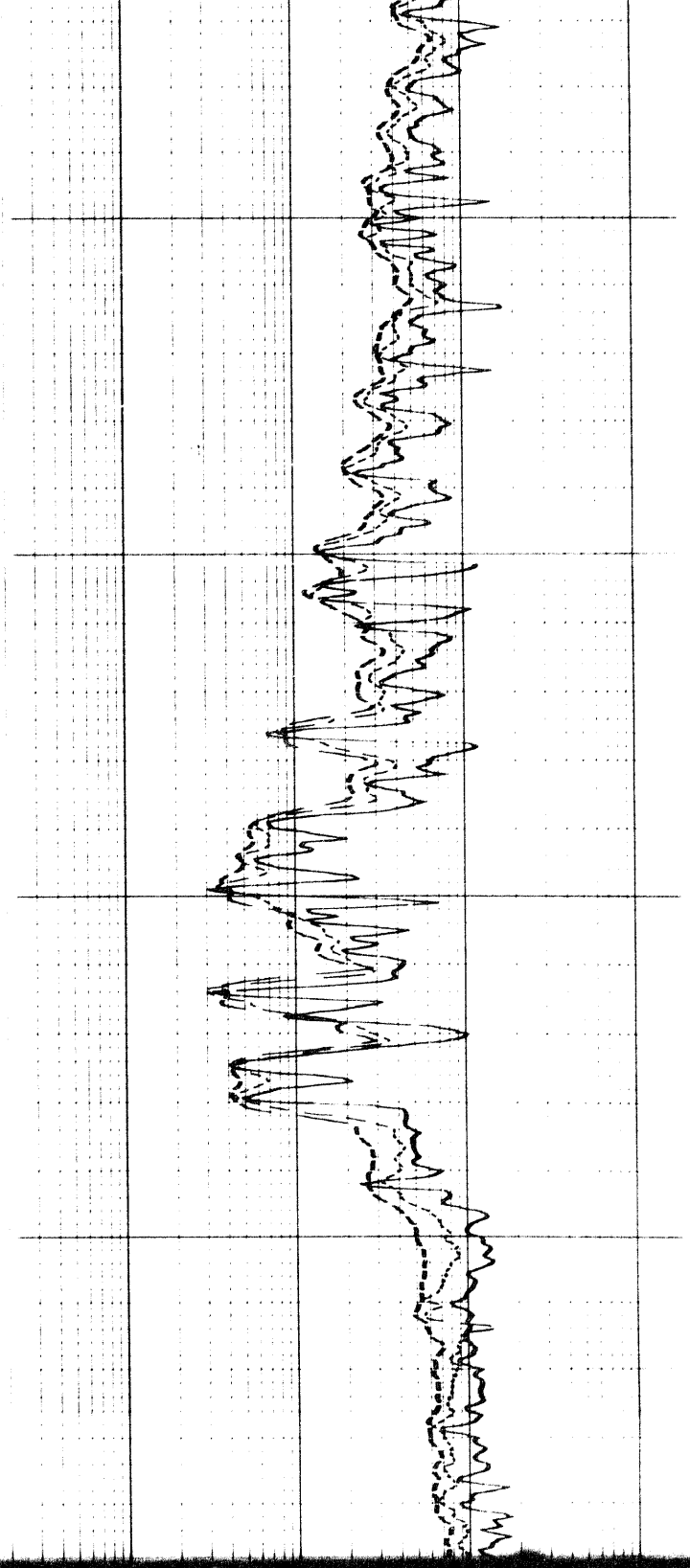




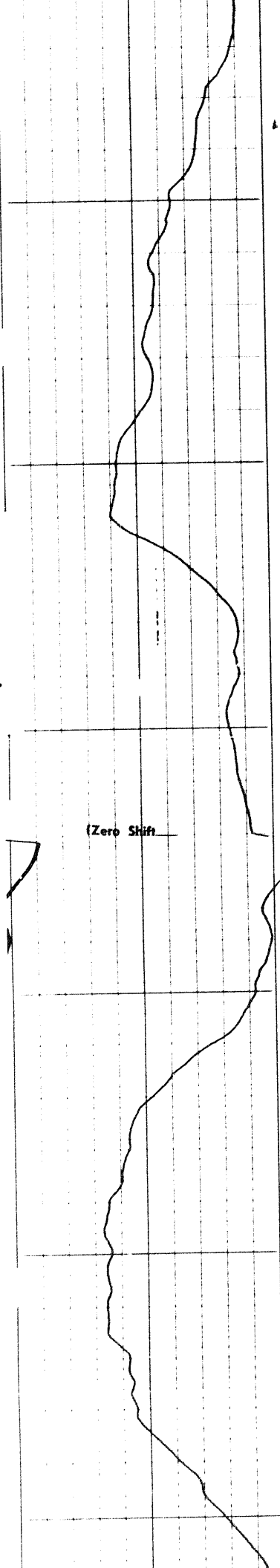
10600

10700

10800



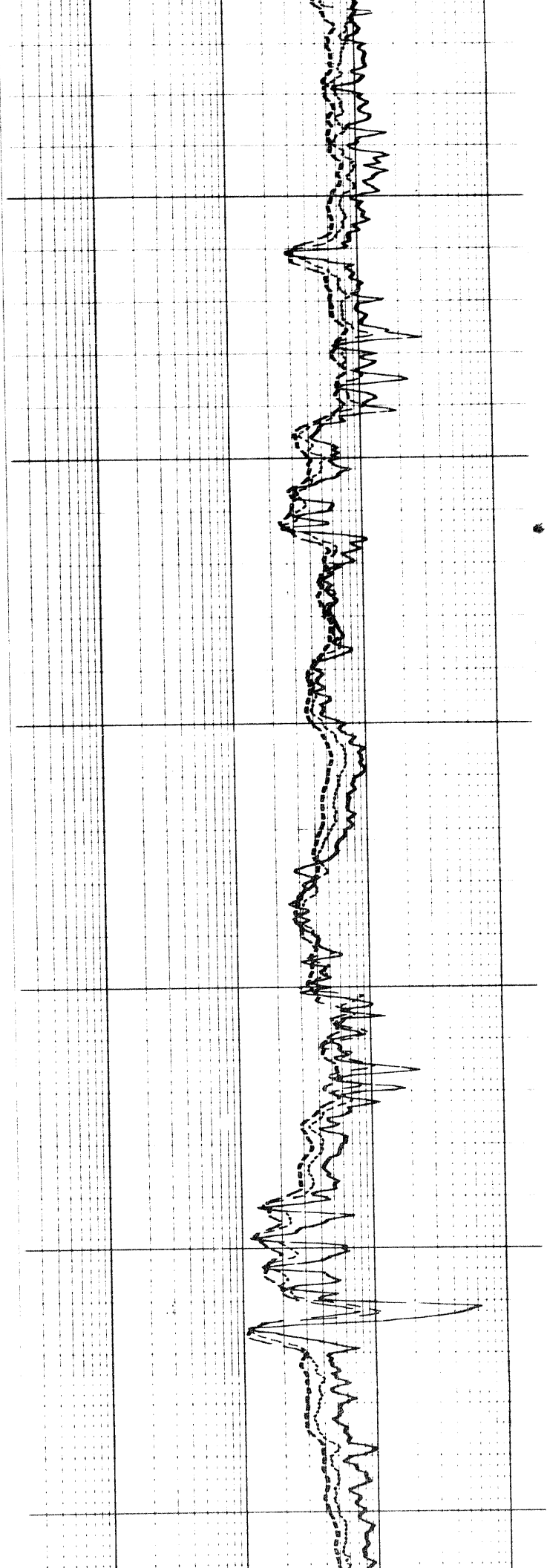
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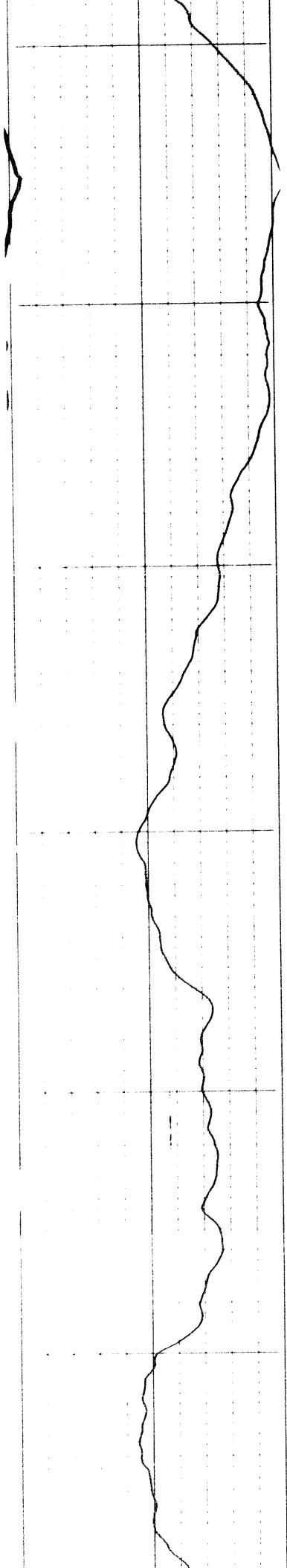


10800

10900

11000

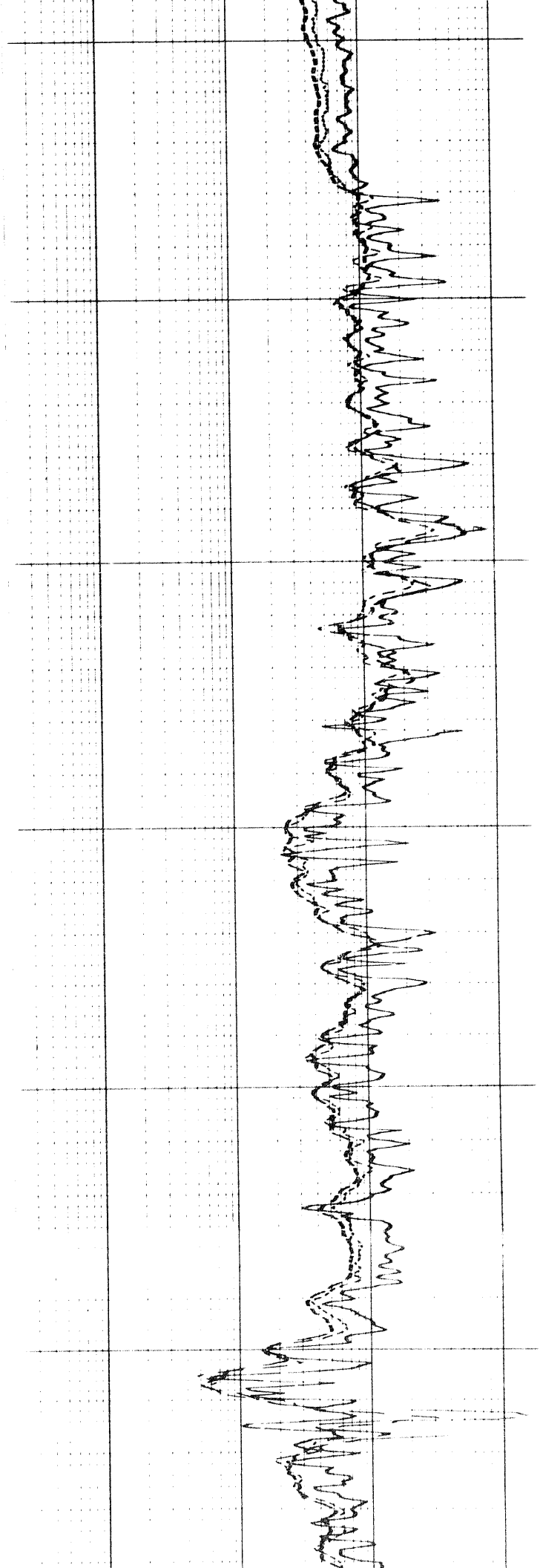


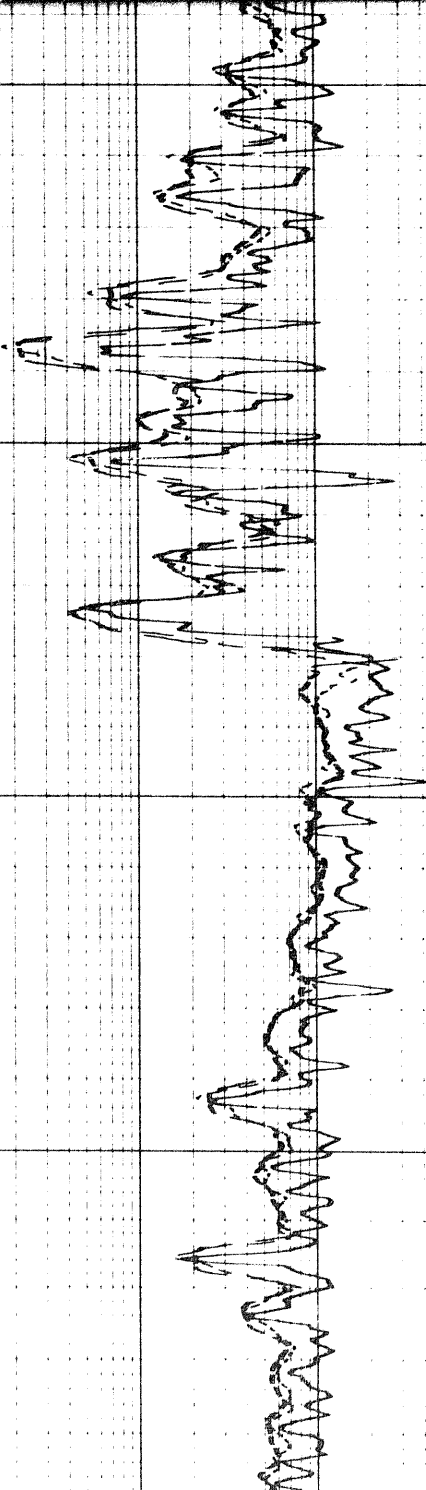
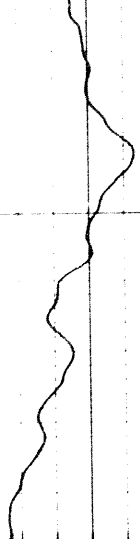
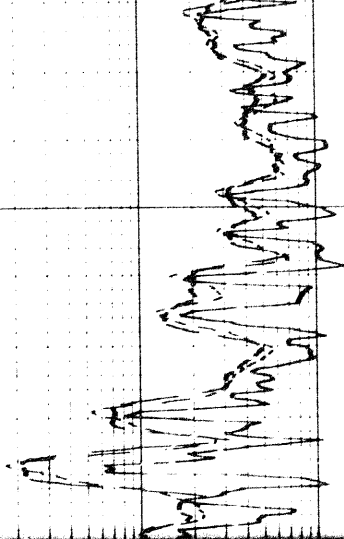


1100

1200

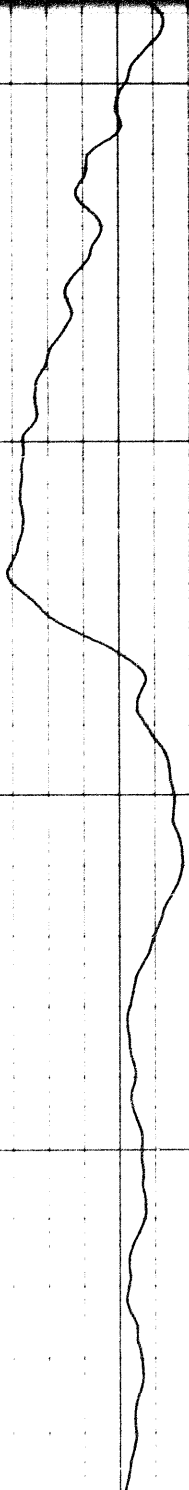
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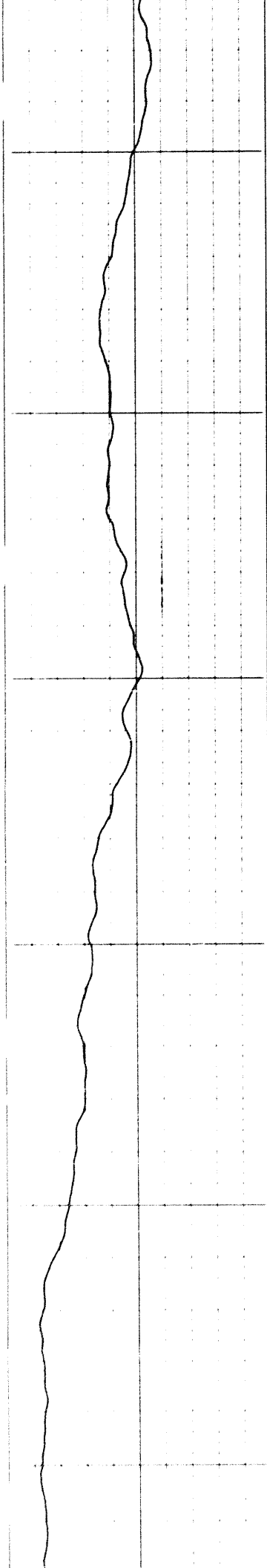


11400

11500



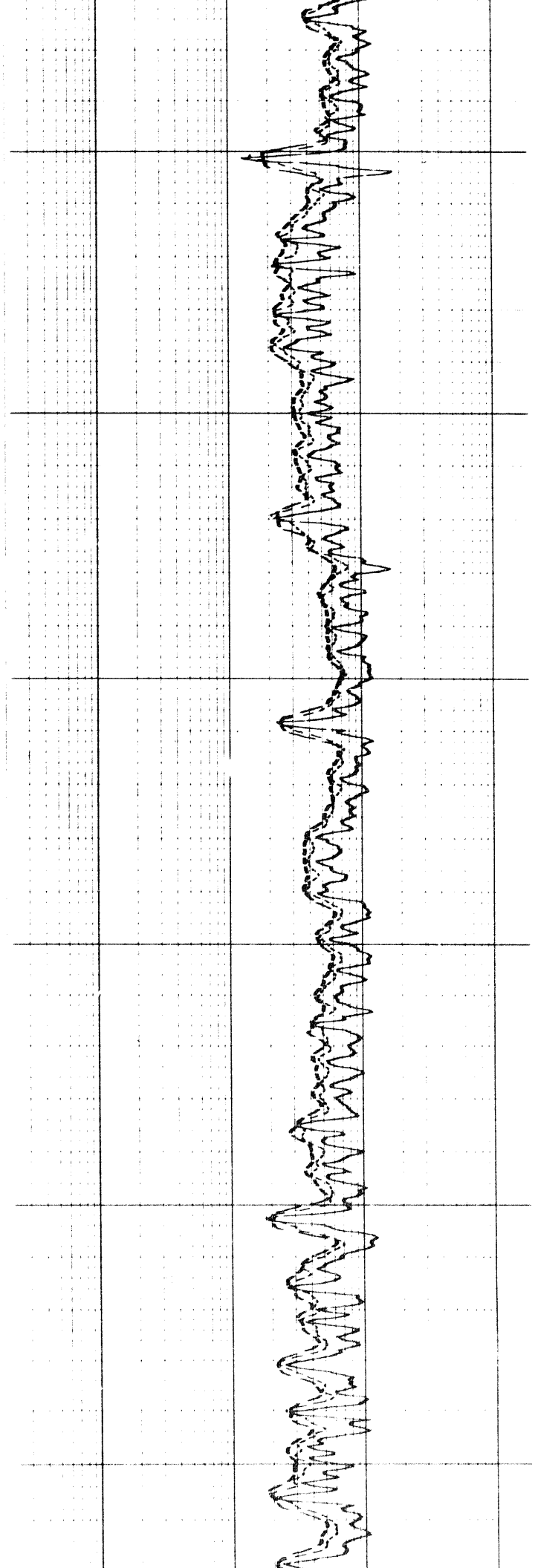
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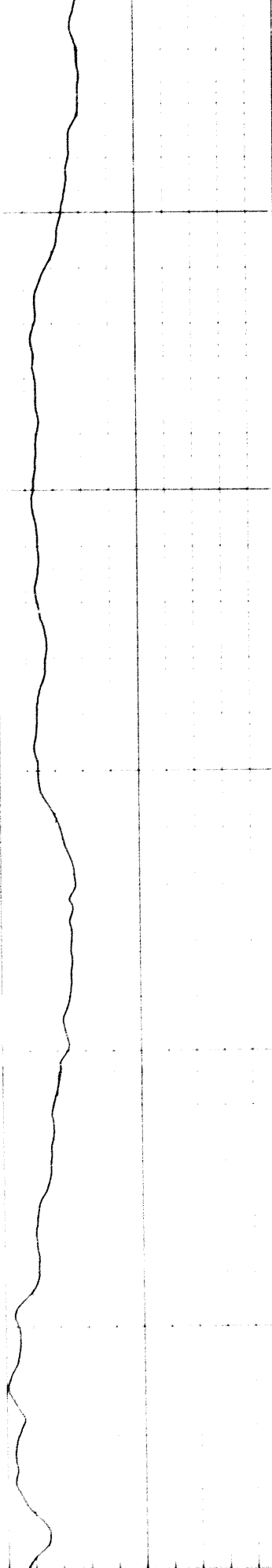


11600

11700

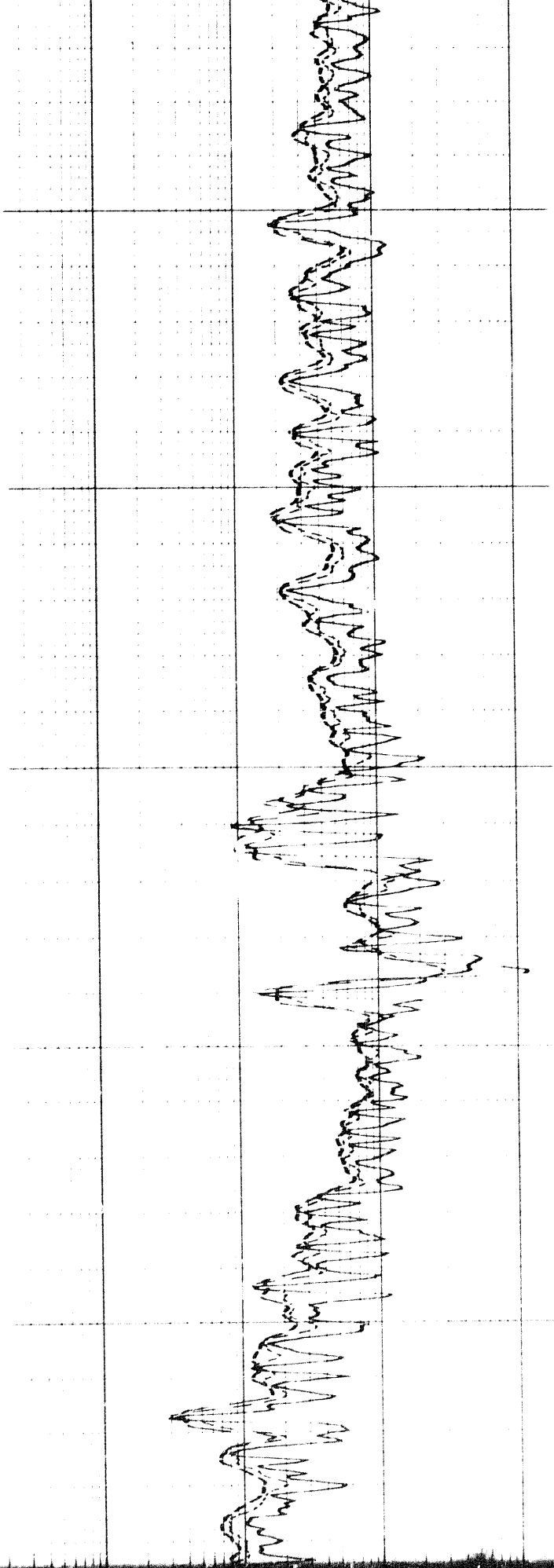
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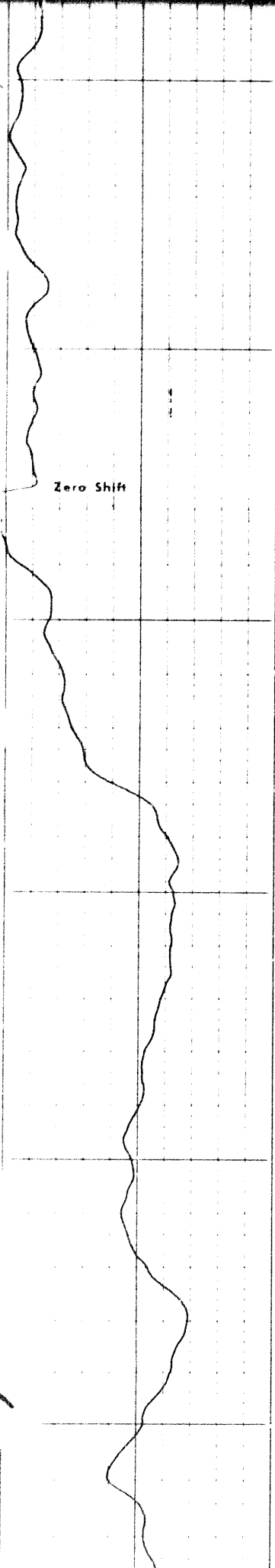




1800

1900

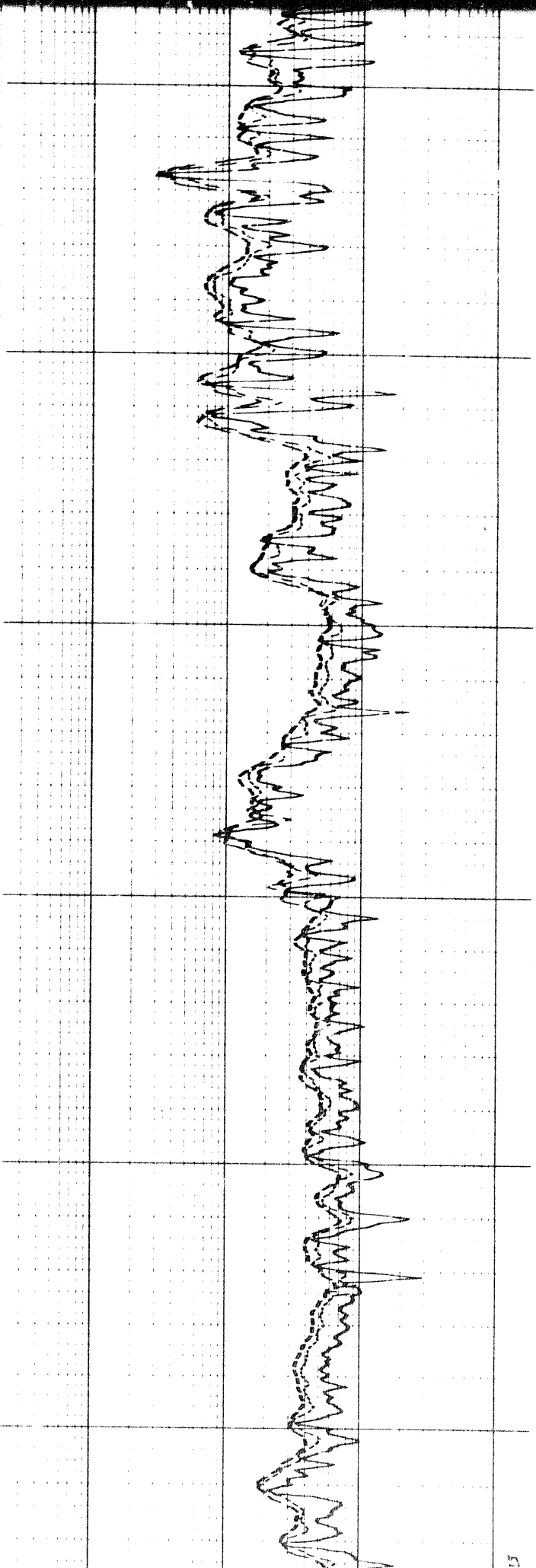




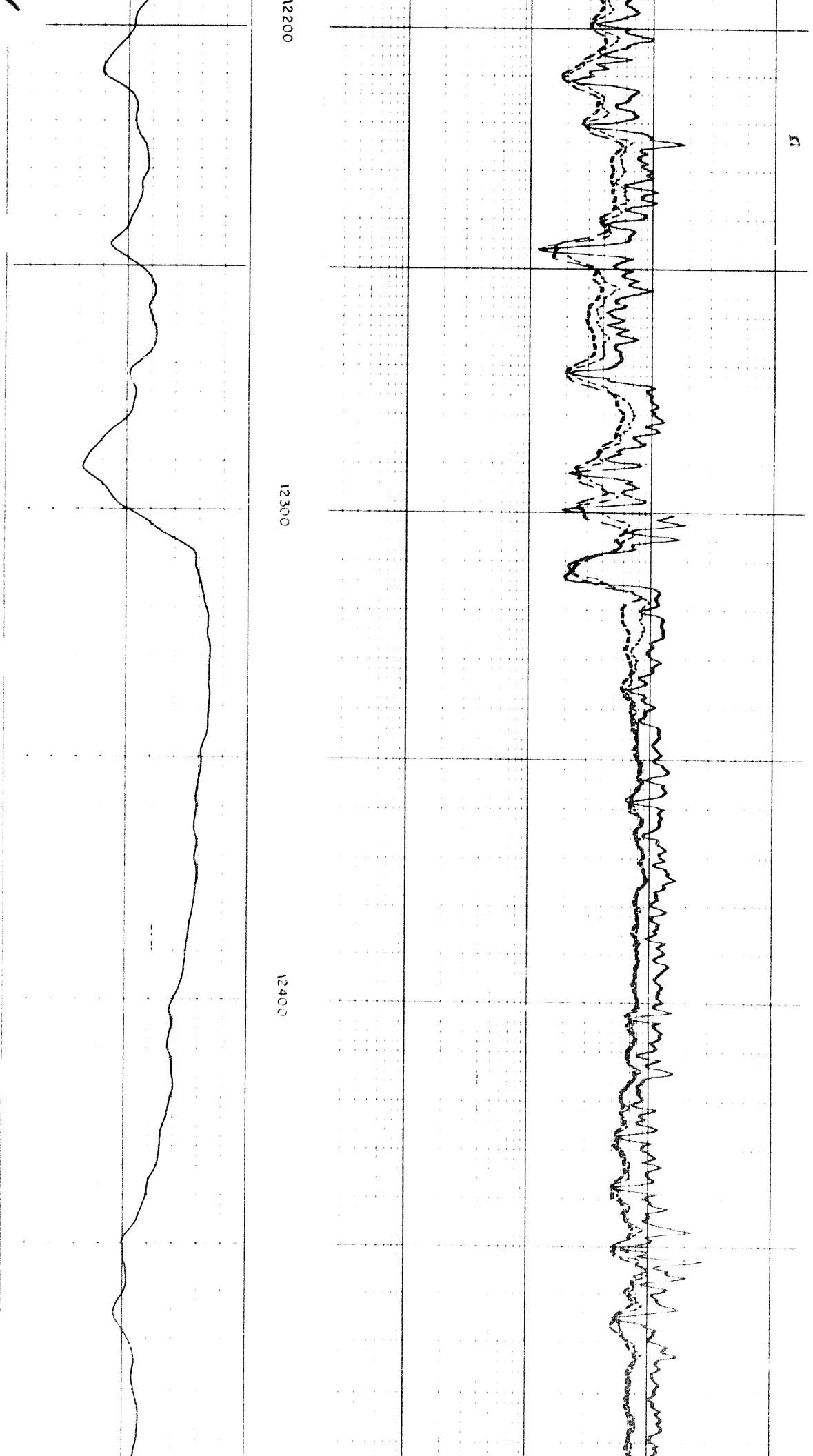
12000

12100

12200



3207

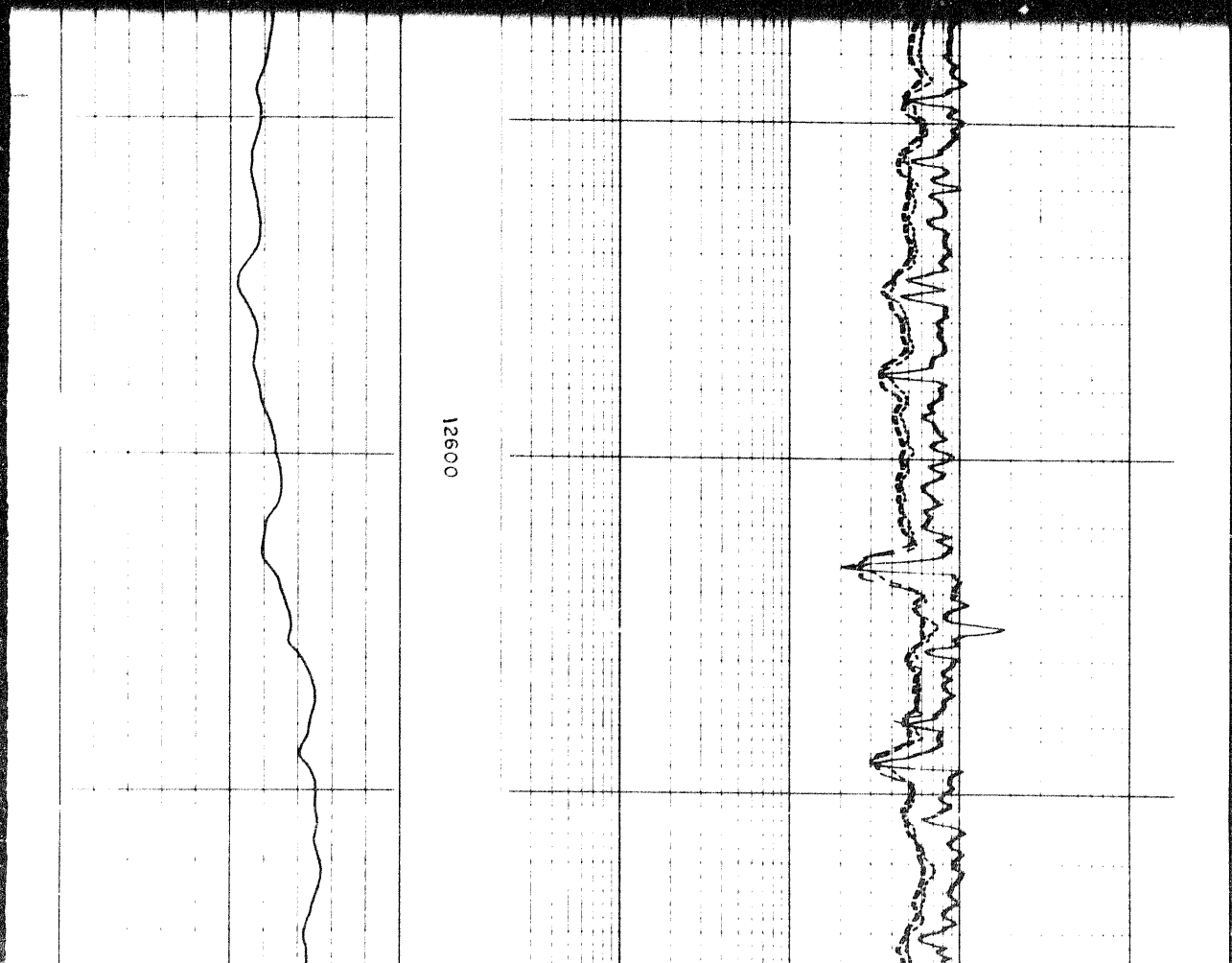
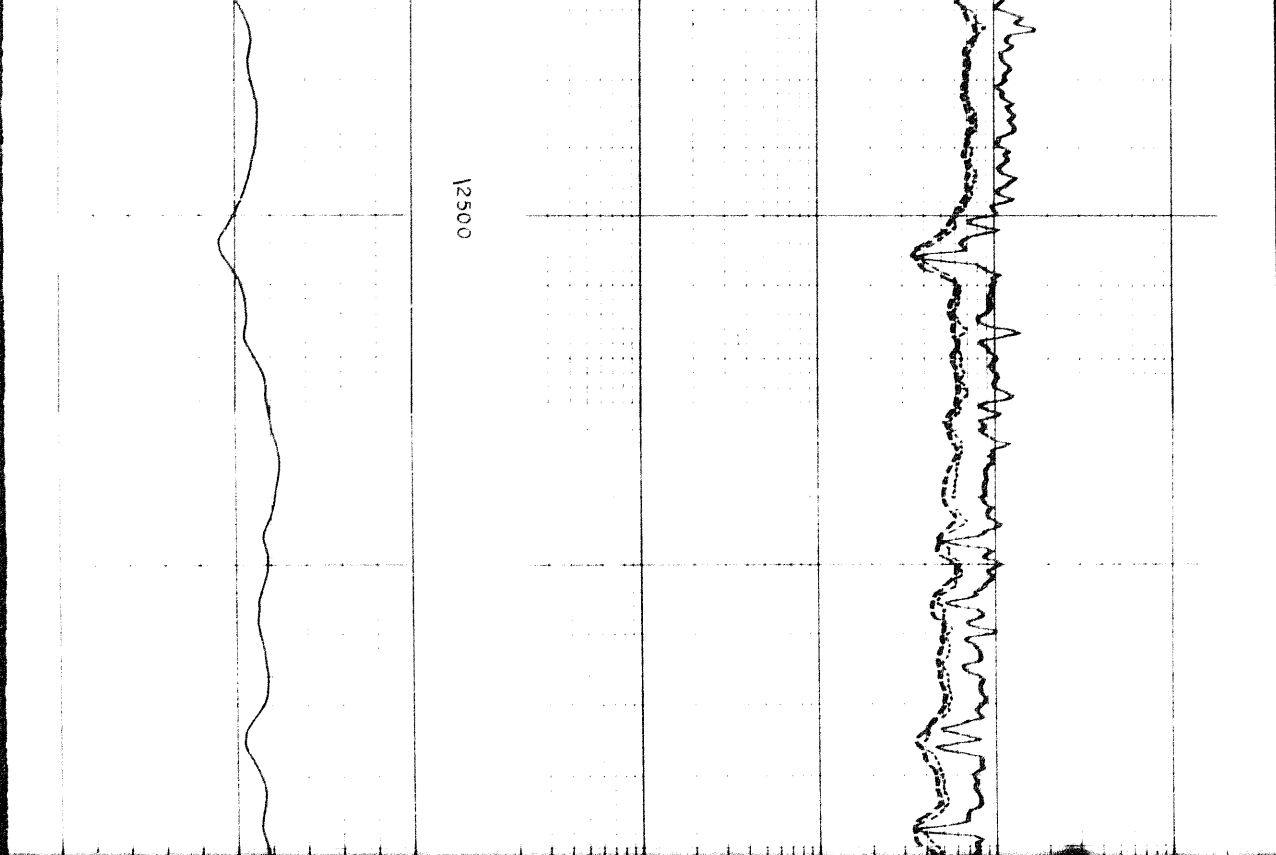


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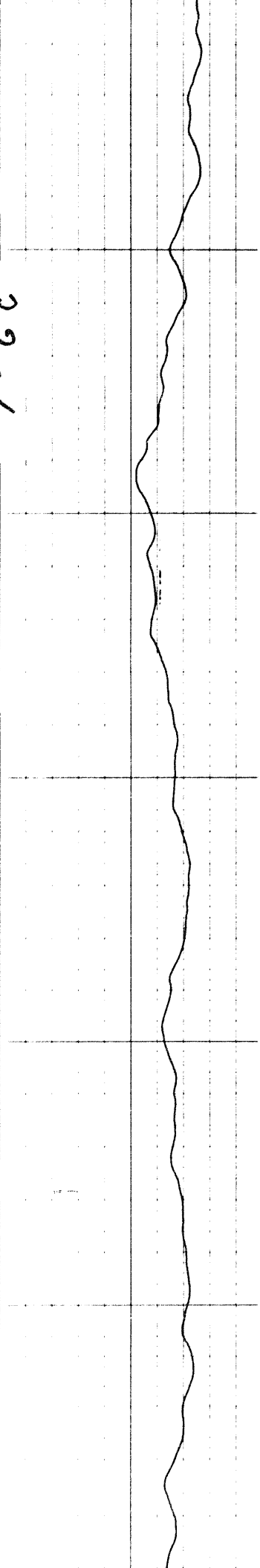
12200

12300

12400



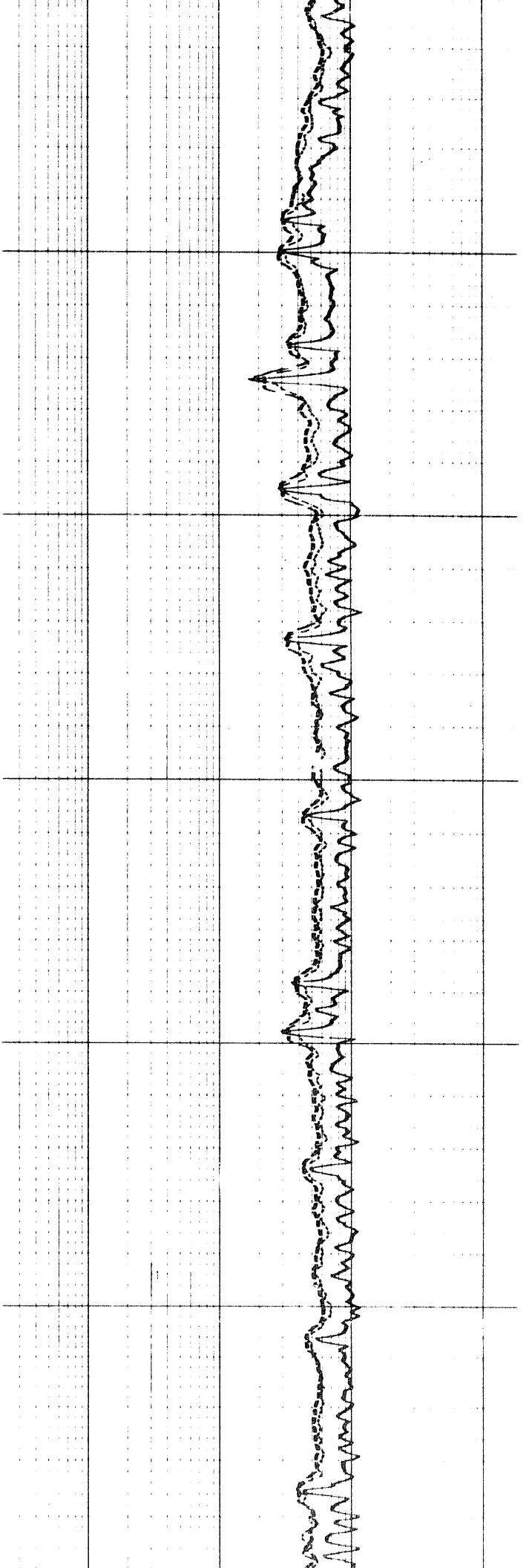
3304



12700

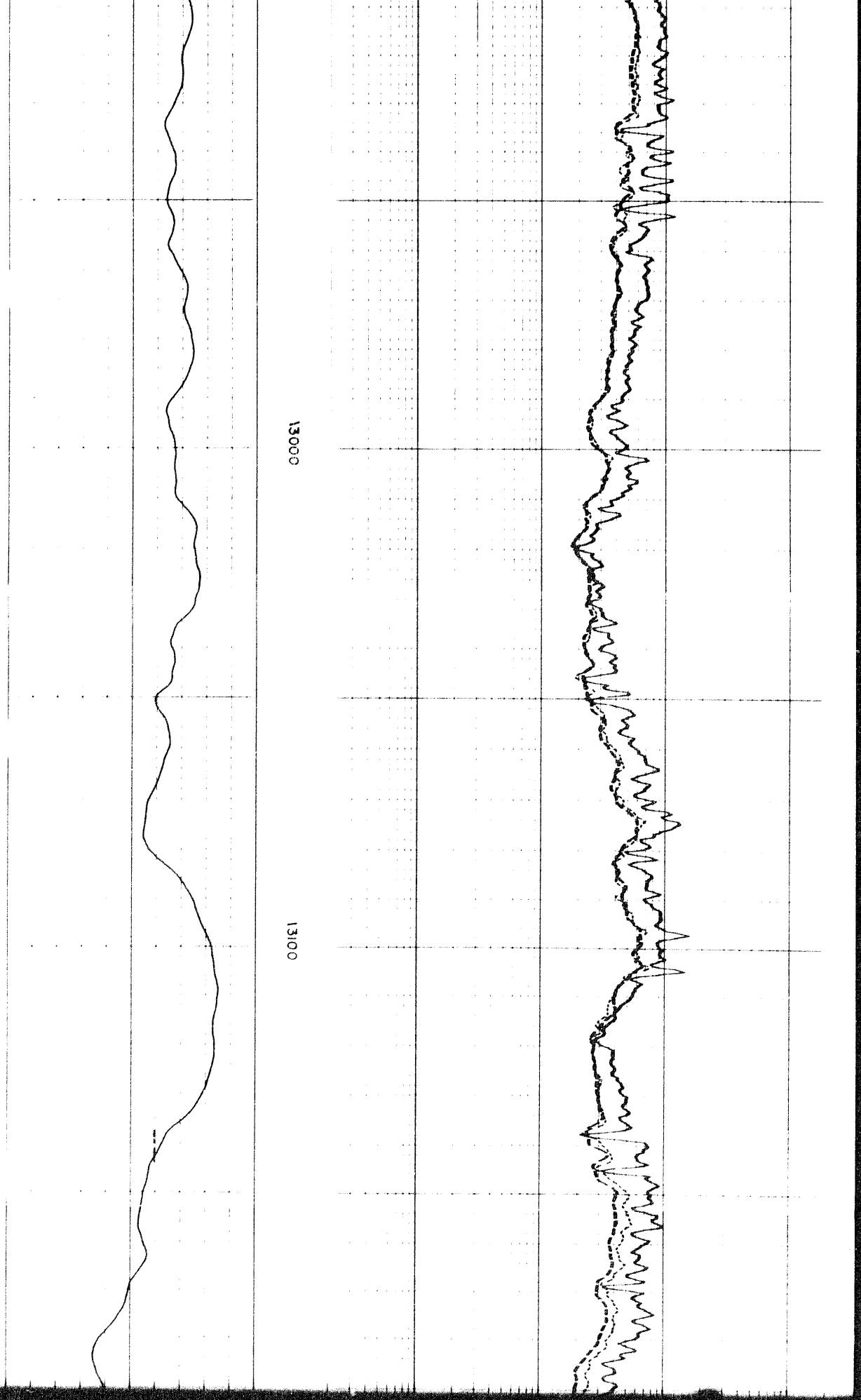
12800

12900



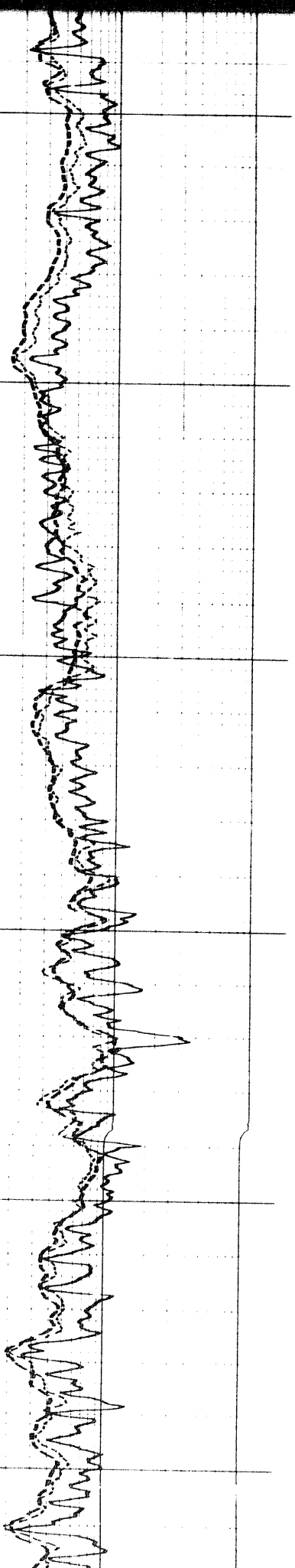
✓

27



13000

13100

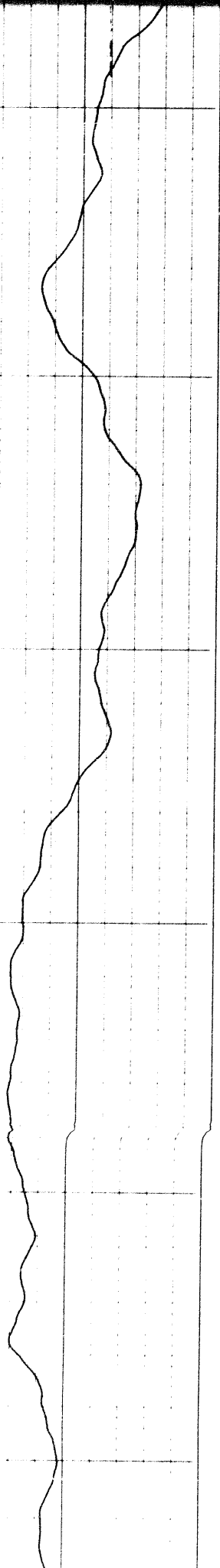


13200

13300

13400

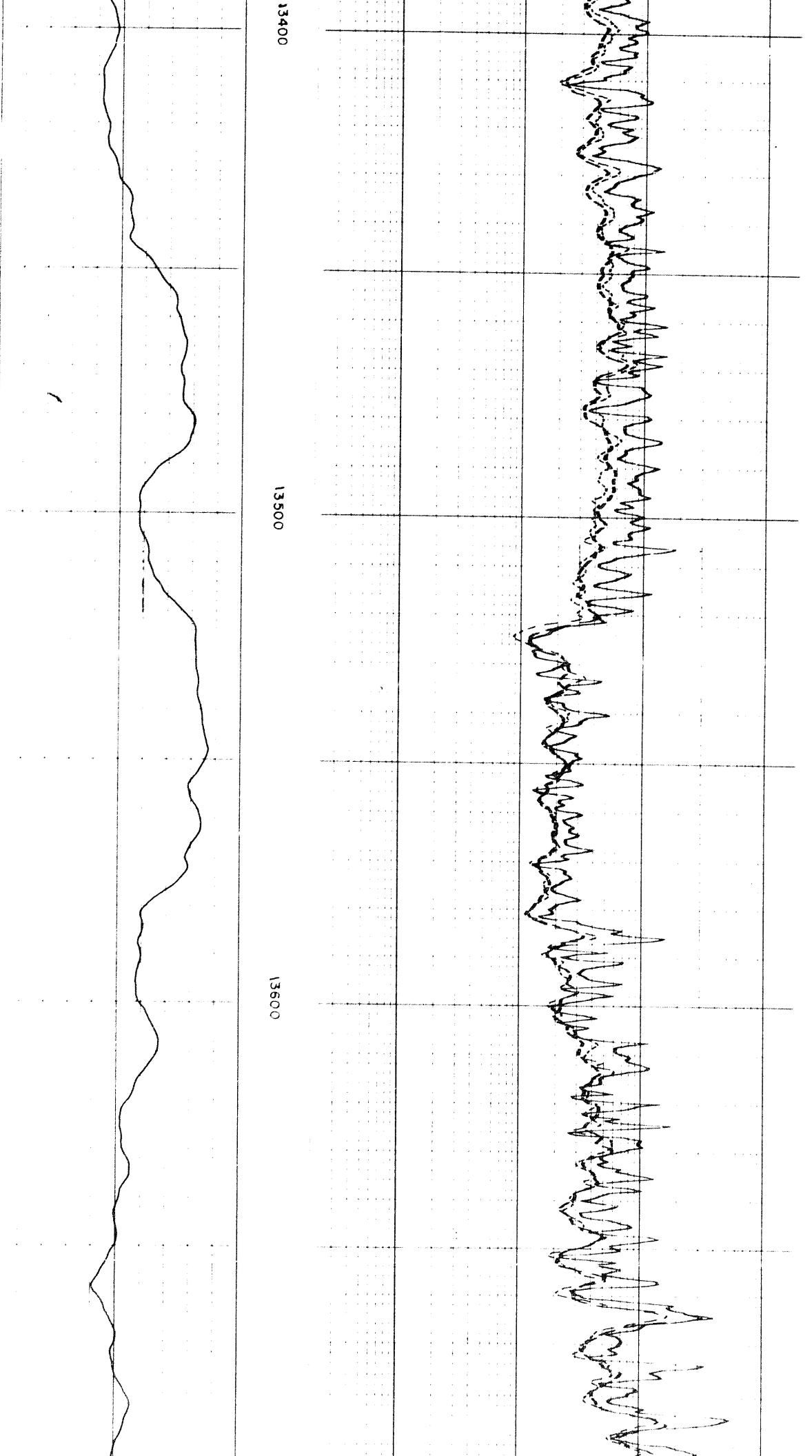
34' of

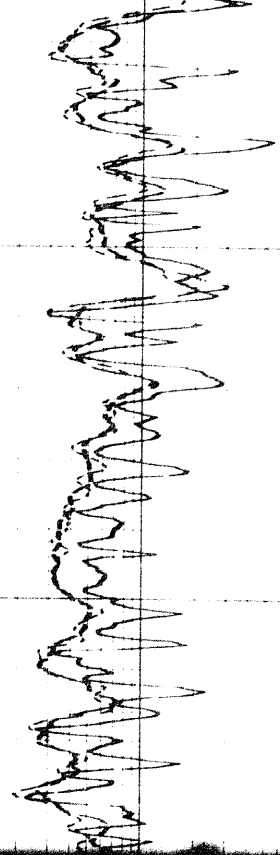


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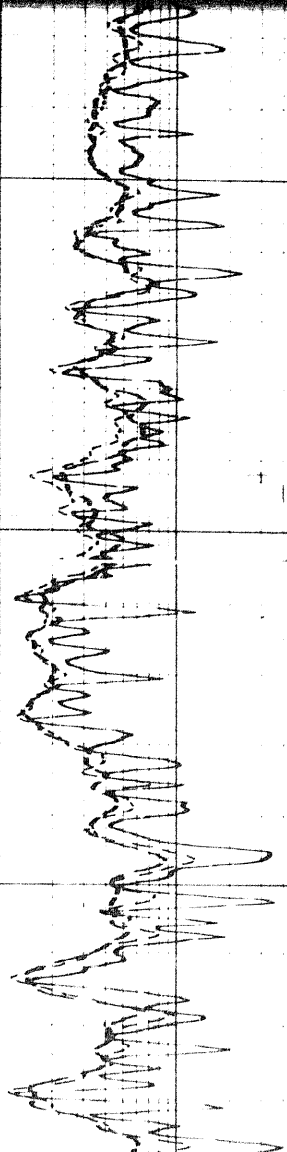
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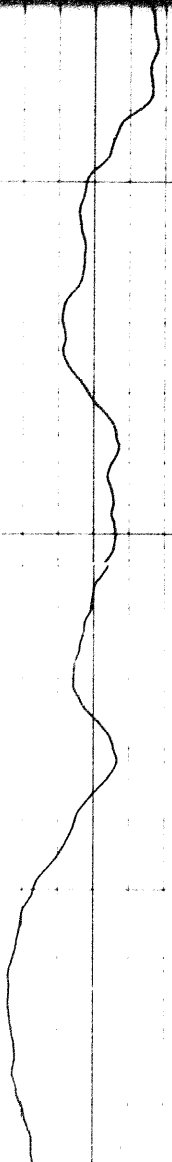




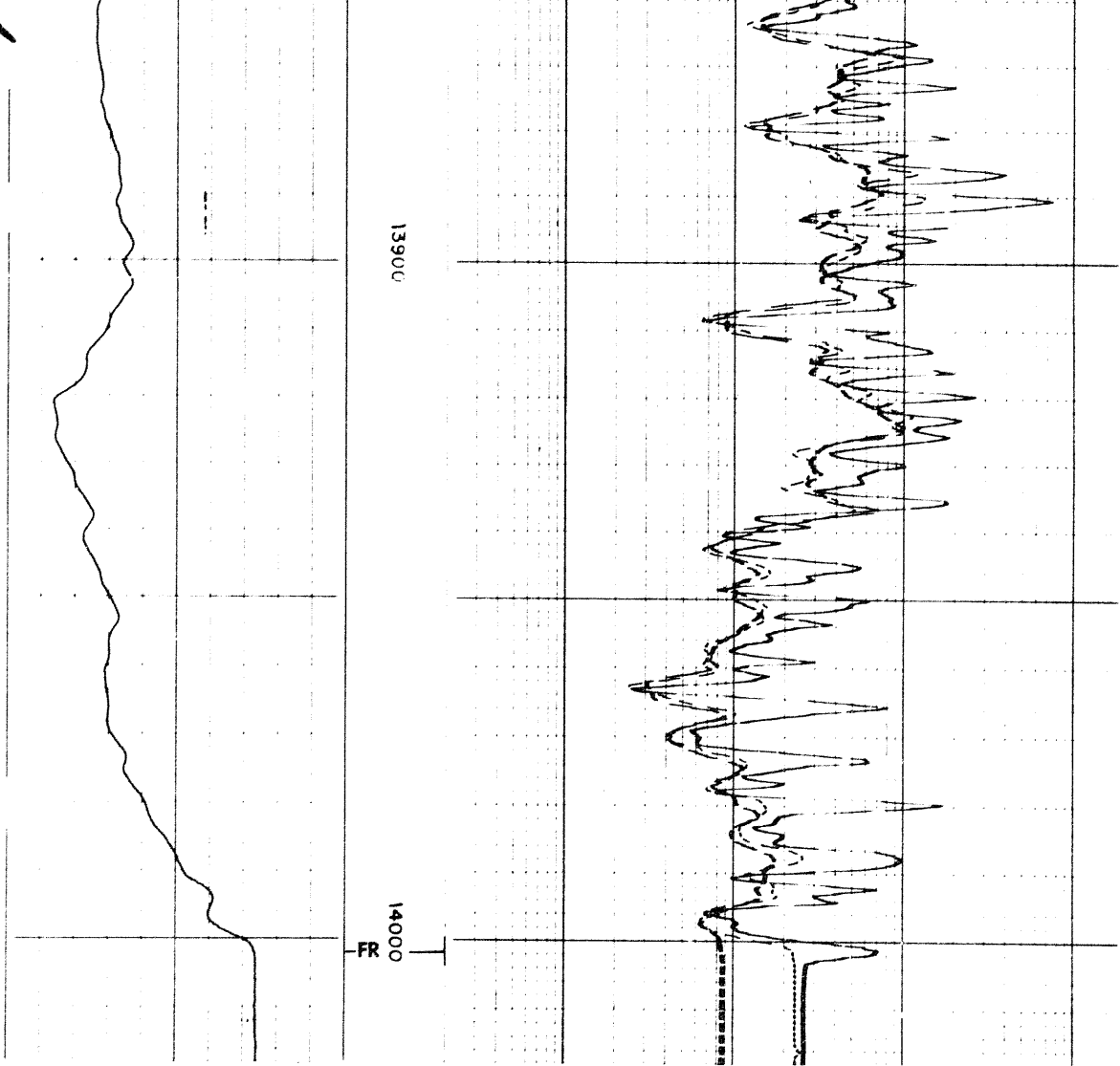
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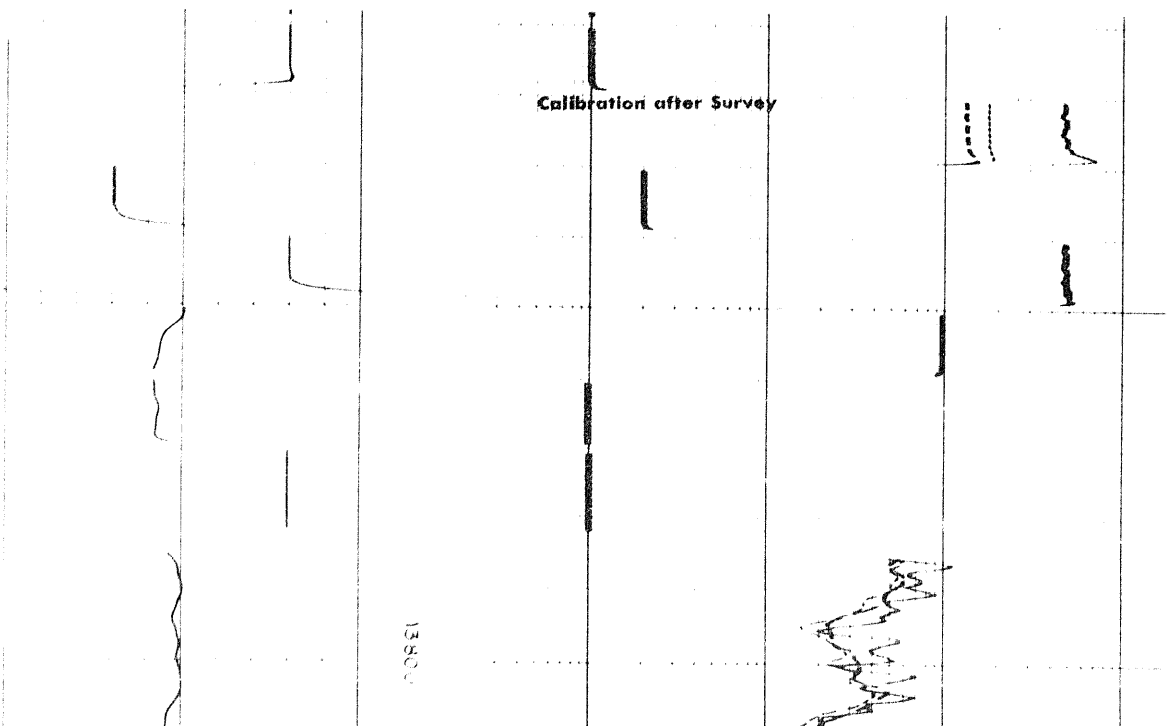
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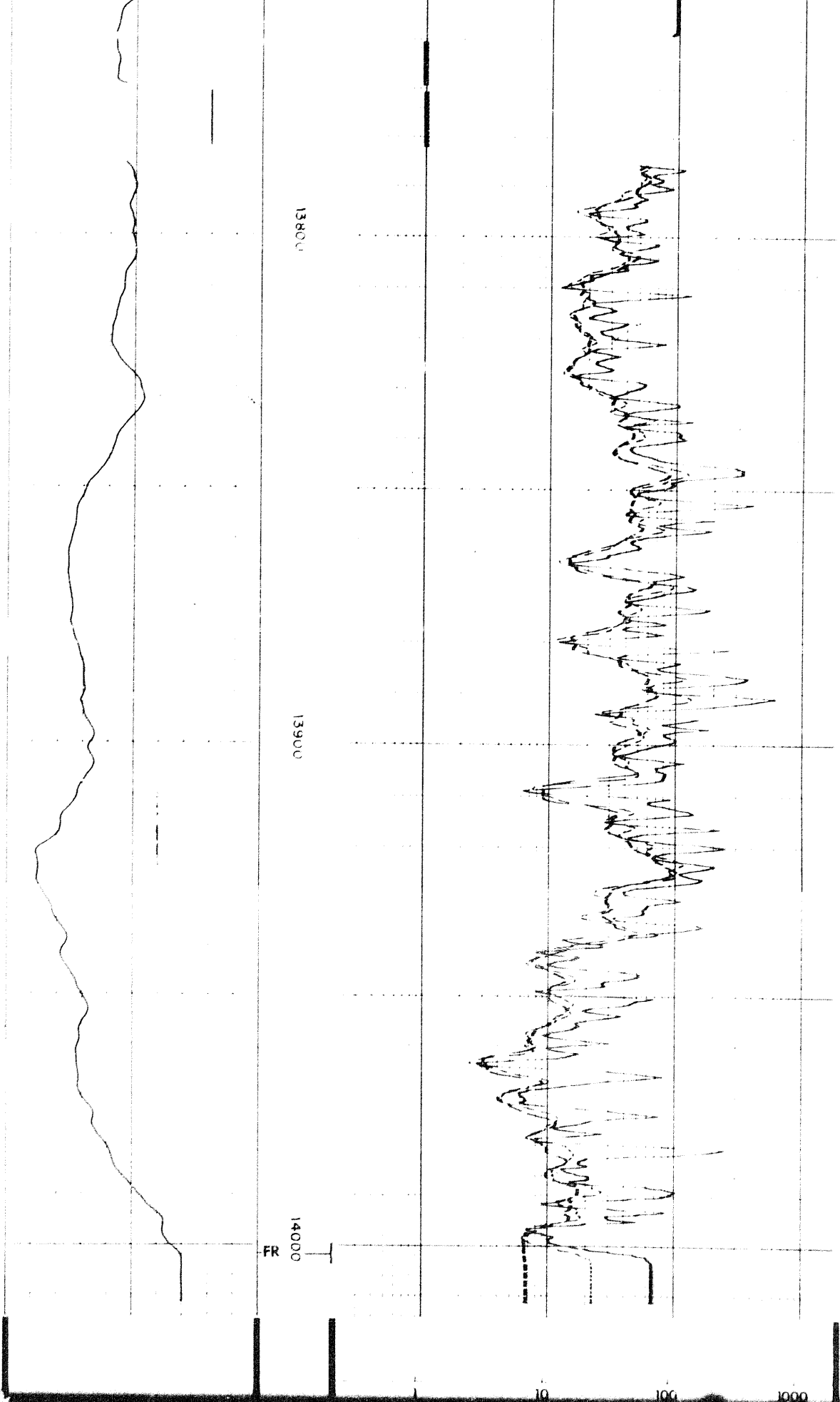


359



REPEAT SECTION





13800

13900

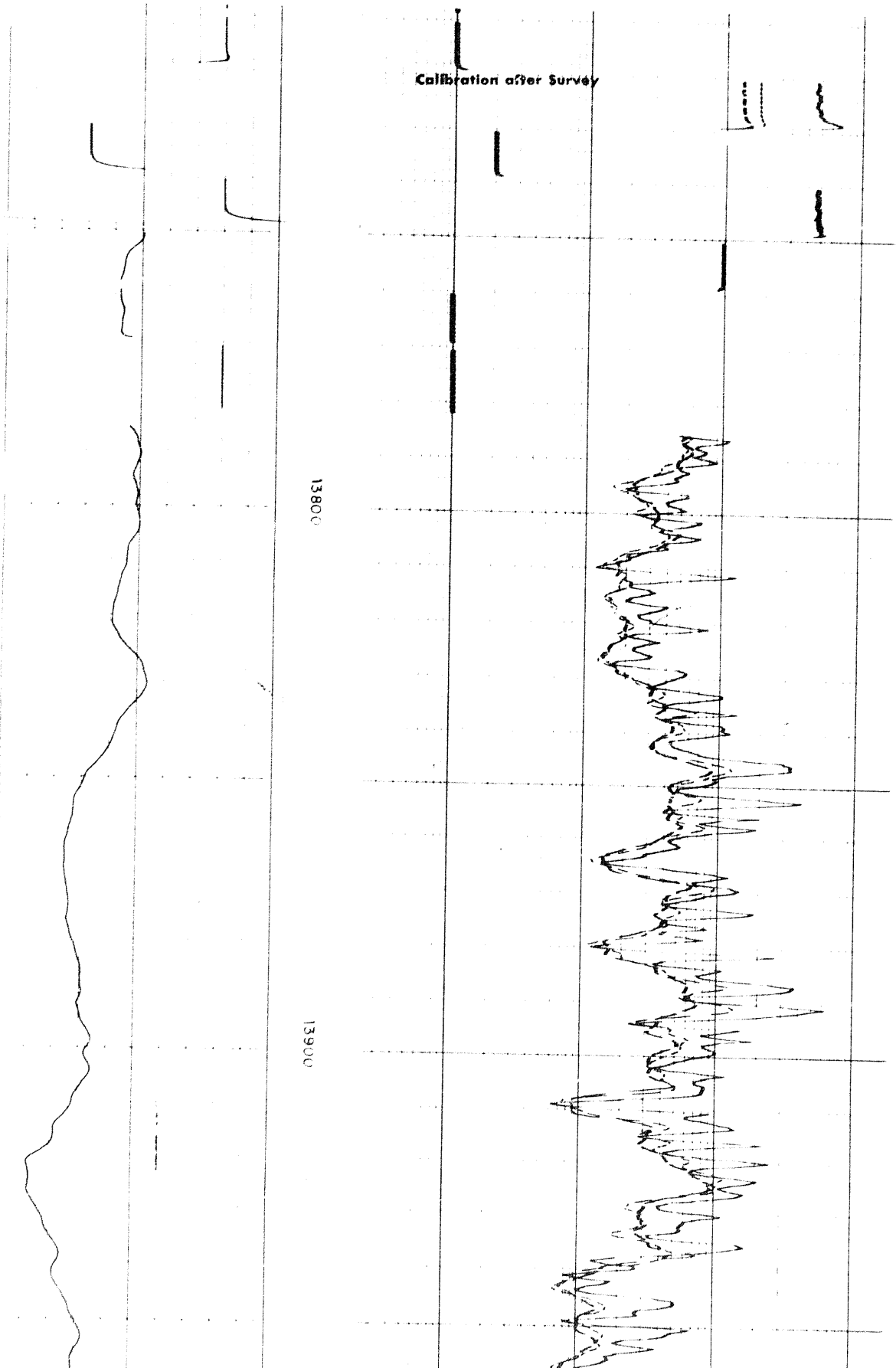
14000

FR

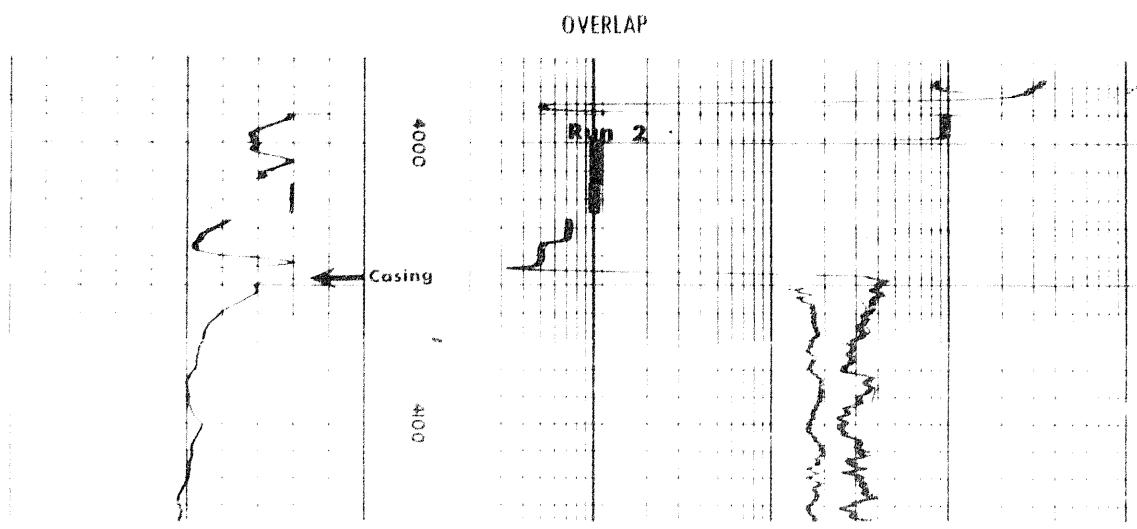
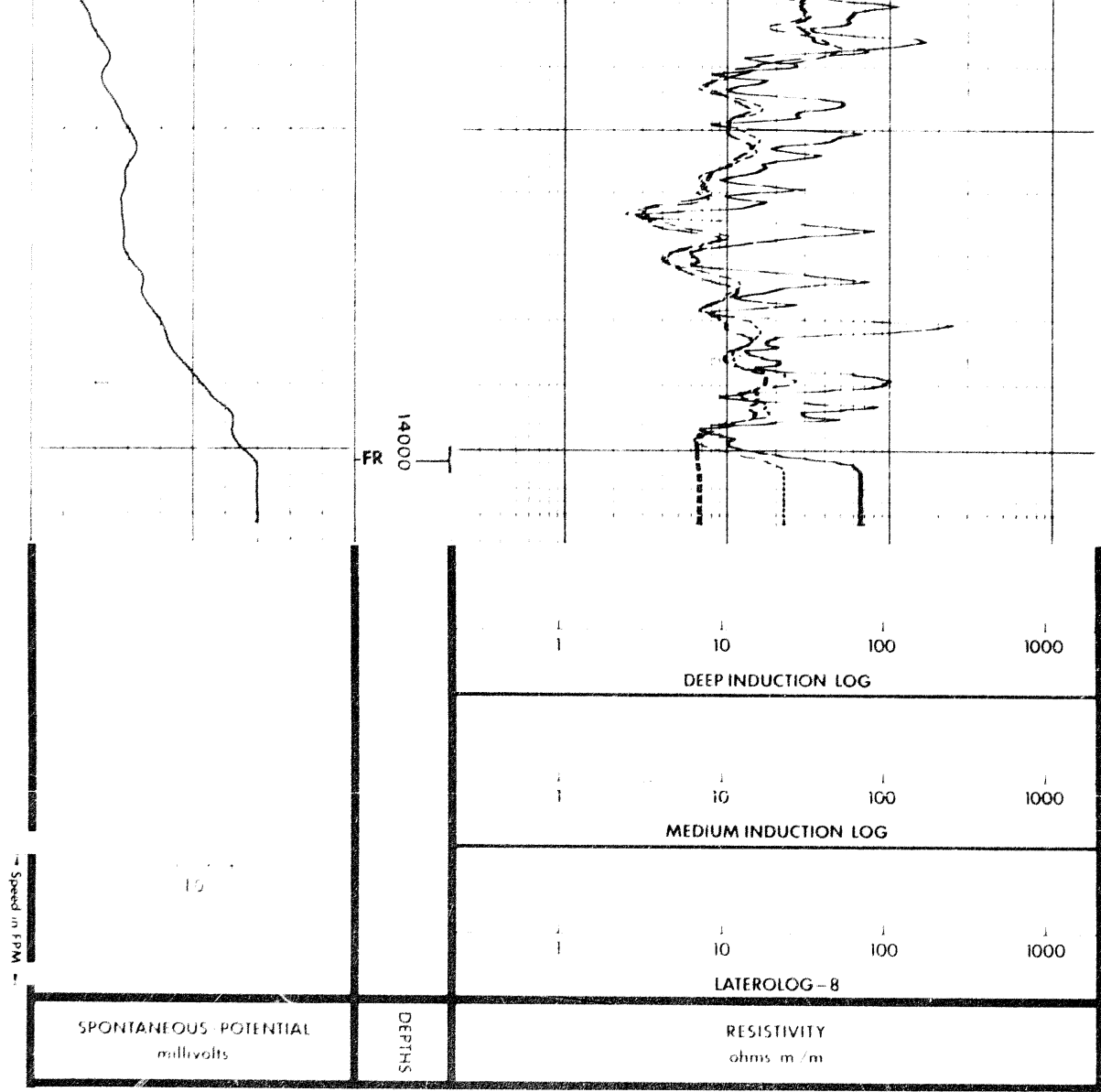
10
100
1000

REPEAT SECTION

Calibration after Survey




36 0336



COMPANY IMPERIAL OIL ENTERPRISES LTD.

WELL IOE BLOW RIVER YI E47-68-50-137-15

FIELD WILDCAT PROVINCE YUKON TERRITORIES



COMPANY		IMPERIAL OIL ENTERPRISES LTD.	
WELL		IOE BLOW RIVER YI	
FIELD		WILDCAT	
PROVINCE		YUKON	
LOCATION		68° 46' 20" NORTH LAT 137° 27' 13" WEST LONG	
Permanent Datum		GL	
Elev. Above Perm. Datum		368	
Log Measured From		KB	
DIP. SLC-GR		SNP.CIS.FDC.	
Elev. KB		384	
GL		308	
CBE			
Date	23 JUNE 70	25 AUG 70	10 NOV 70
Run No.	ONE	TWO	THREE
First Reading	4139	9280	14007
Last Reading	781	4030	10100
Feet Measured	3358	3907	3907
Depth Reached	4140	14007	14007
Bottom Doller	4132	10027	14000
Clog SDC	781		9999
Clog Driller	GEL	GEL	GEL
Mud Nature			
Dens. Visc.	9.2	9.1	8.8
Mud pH	10.0	9.5	9.8
Water Loss	9.4	16.0	13.2
Pen. BHQ	2.05	65	3.24
Pen. F	1.78	64	2.87
Pen. F			61
Bit Size	12 1/4"		9 7/8"
Magnetic Declination	37° E		37° E
Computation Interval	100'		100'
Computed By	EMR OTO	EMR OTO	EMR OTO
Checked By			
Operator	OSU-C 363 REMOTE	OSU-C 363 REMOTE	OSU-C 363 REMOTE
Tool No.	PORTR	PICKFORD	CHADDOCK
Recorded By	KAPJACK	MACRAE	MACRAE



DIRECTIONAL LOG
(COMPUTED)
SCHLUMBERGER OF CANADA
Calgary, Alberta

"Any directional computation made from the dipmeter must be regarded as approximate only. This is because the dipmeter log indicates the orientation of the instrument itself rather than the direction and amount of the well drift. Therefore, we do not and cannot guarantee the accuracy of such directional computations, and we shall not be liable nor responsible for any loss, costs, damages or expenses incurred or sustained that may result from any such computation."

REMARKS	BH1	BH2	BH3	BHT	F Measured	Hours After Circulation
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