

SCHLUMBERGER

SONIC LOG
 WITH **GAMMA RAY** AND **CALIPER**
 SCHLUMBERGER OF CANADA Calgary, Alberta

PROVINCE YUKON TERRITORY
 FIELD WILDCAT
 WELL SOCONY MOBIL WESTERN MINERALS MOLAR YT-P-34
 COMPANY SOCONY MOBIL OIL OF CANADA LTD.

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 WELL SOCONY MOBIL WESTERN MINERALS MOLAR YT - P - 34
 FIELD WILDCAT
 PROVINCE YUKON TERRITORY
 LOCATION LAT. 67°03'59"N LONG. 138°36'W
 Permanent Datum G.L. Elev. 2622
 Log Measured From K.B. 13.6 Ft. Above Perm. Datum
 Other Services: SRS
 ELEV: KB 2635.6
 GL 2622
 CBF _____

Date	9 AUG 64	
Run No	ONE	
First reading	8691	
Last reading	50	
Feet measured	8641	
Depth reached	8693	
Bottom Driller	8704	
Csg. SOC	1201	
Csg. Driller	1200	
Mud Nature	GEL	
Dens. Visc.	9.3	110
Mud pH	8.5	
Water Loss	6.0	
Res.	2.49	61 F
" " BHT	1.15	134 F
" Rmf	2.21	54 F
" Rmc	2.53	57 F
Bit Size	RMKS	
Span	8685 To 7800	To
	8686 To 1201	To
Op. Rig Time	6 HRS.	
Tract No	SKW-E - 115	
Recorded By	HAINES	
Witness	NORMAN	

AN 8/20/64 SH
 REMARKS _____ B.H.T. 134 F Measured 6 Hours After Circulation _____

S.O. # 24271
 Caliper No. A - 284
 Cartridge No. C - 285 BIT SIZE: 8 5/8 1200 - 8684
 Panel No. B - 111 6 1/8 8684 - 8704
 Sonde No. J - 145
 Centralizer Type SPRING GUIDE

GAMMA RAY CALIBRATION:
 Background CPS. 70 Test Source CPS. 450 Galv. Increase Divisions 8.25 Panel Sens. Tap for Cal. 500

CALIPER	
Hole Diameter in Inches	
6	7 8 9 10 11 12 13 14
GAMMA RAY	
API UNITS	
Interval T.D. to <u>100</u>	
Sens. <u>300</u> to <u>2</u>	
Logging Speed <u>30</u>	
ZERO <u>0</u>	
0	120
120	240

DEPTHS		SONIC	
		Spacing <u>3'</u>	
		Pickup Span <u>3'</u>	
		INTERVAL TRANSIT TIME microseconds per foot Increases	
	<u>3' SPAN</u>		
140	8686 - 1201	90	40
240		190	140

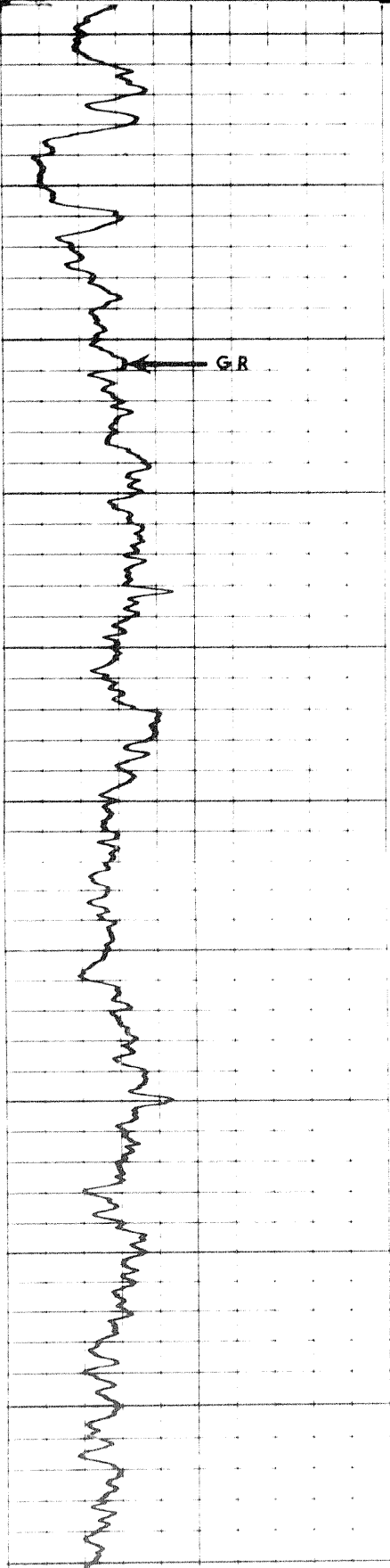
GASHI 02427100

GAMMA RAY
API UNITS

Interval T.D. to 100
Sens 300 TC 2
Logging Speed 30 ft/min
ZERO 0 div. to left

0 120
120 240

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



0100

0200

0300

0400

0500

0600



Pickup Span 3'

INTERVAL TRANSIT TIME
microseconds per foot

← Increases

3' SPAN

140 8686 - 1201 90 40

240 190 140

1' SPAN

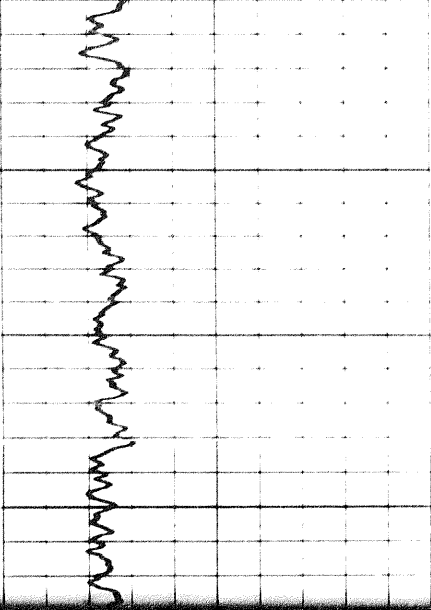
100 8685 - 7800 70 40

160 130 100

242712

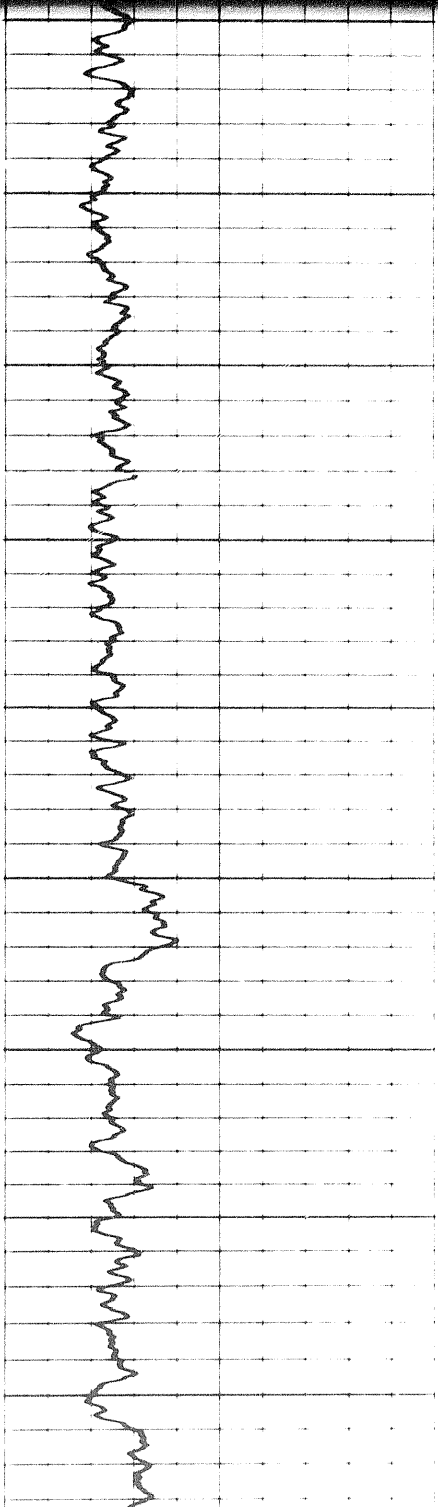
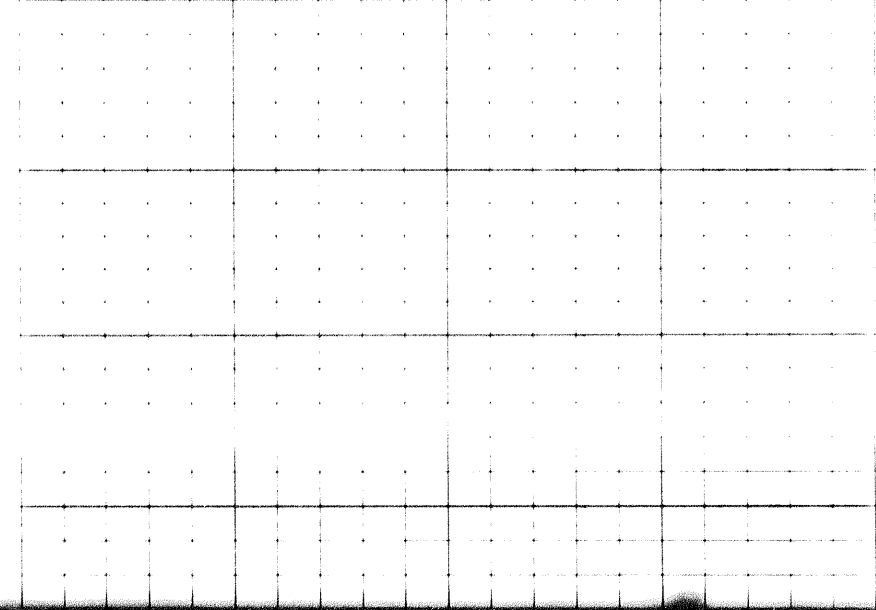
242712

10



0600

0700

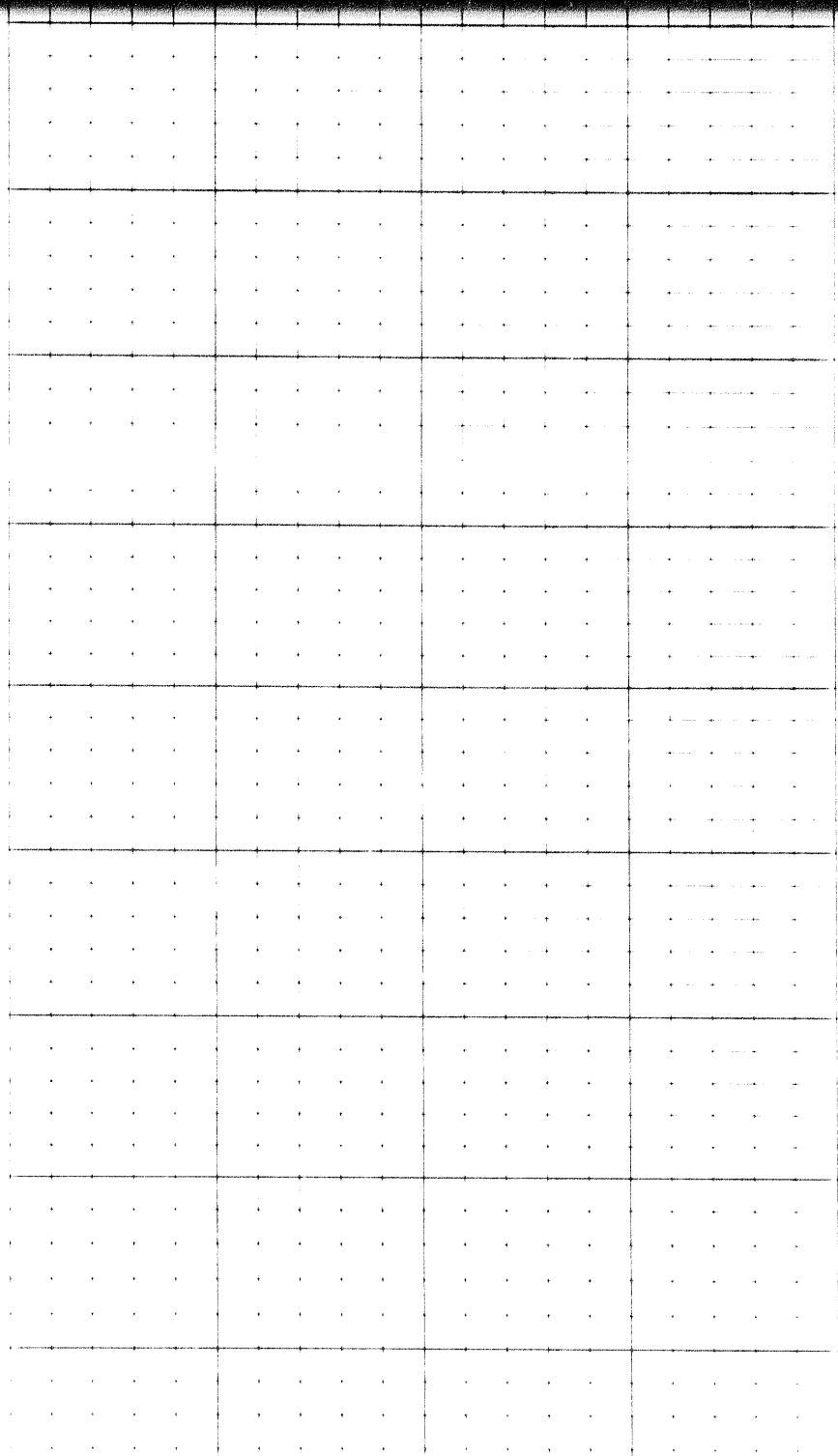


0600

0700

0800

0900



0900

1000

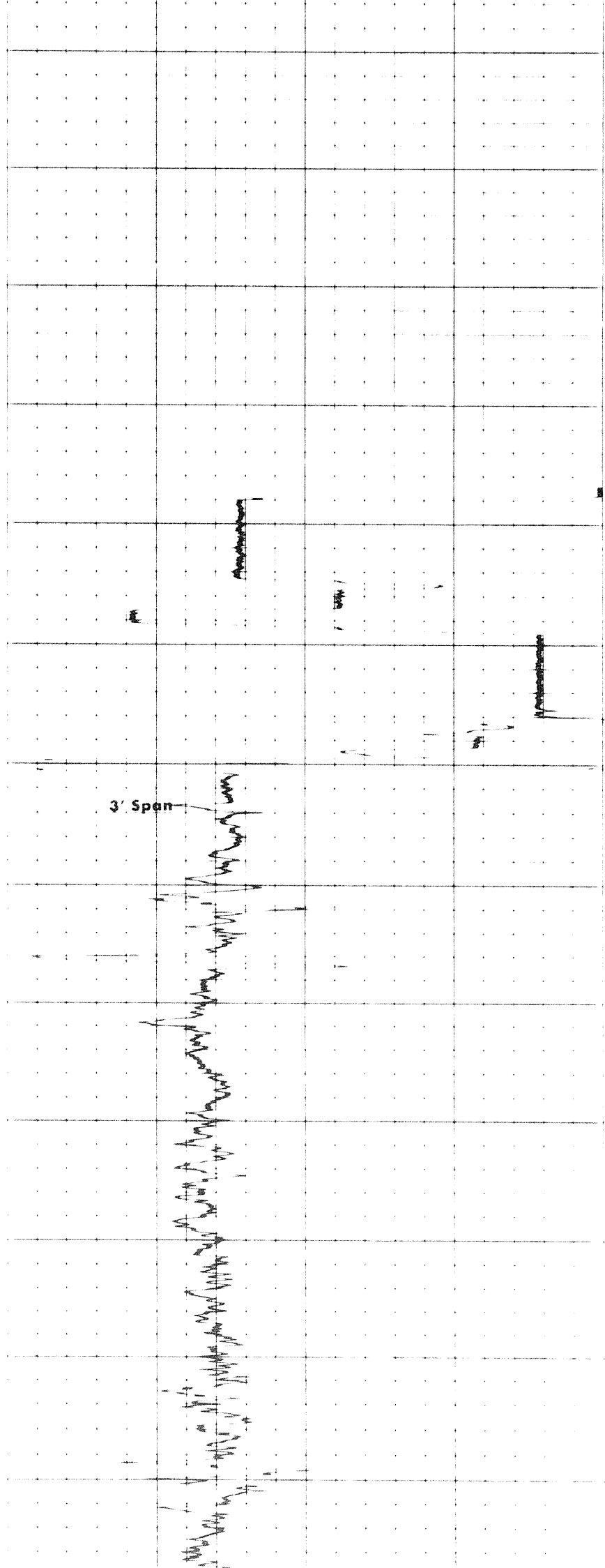
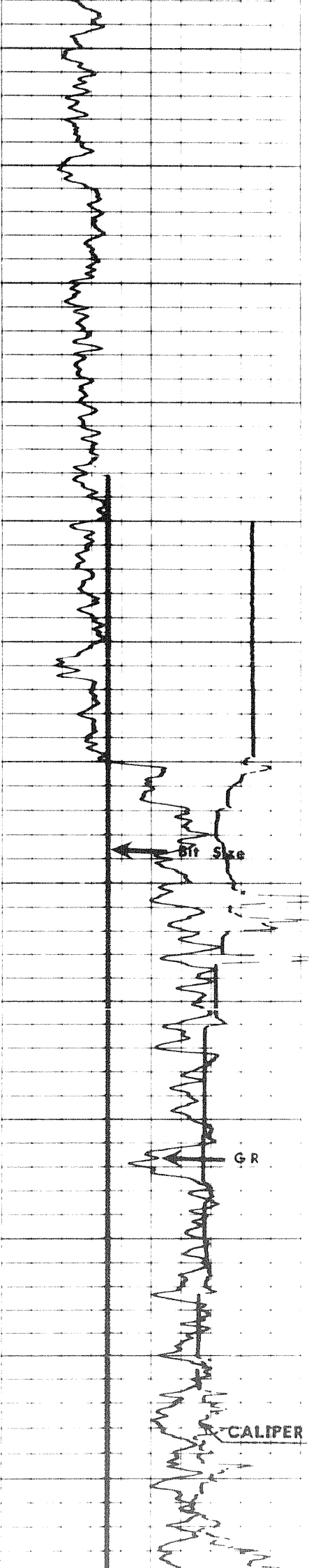
1100

1200

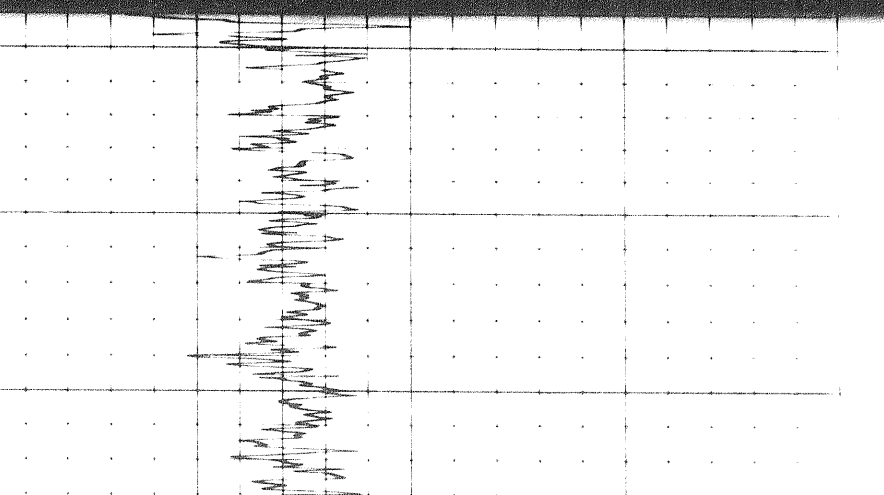
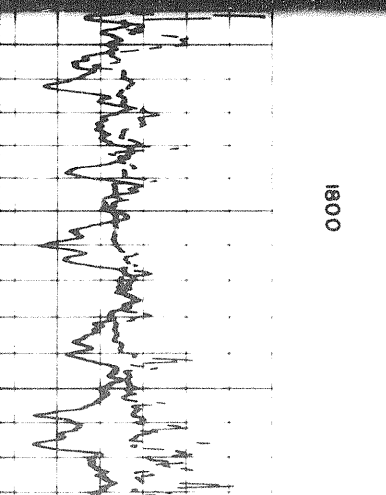
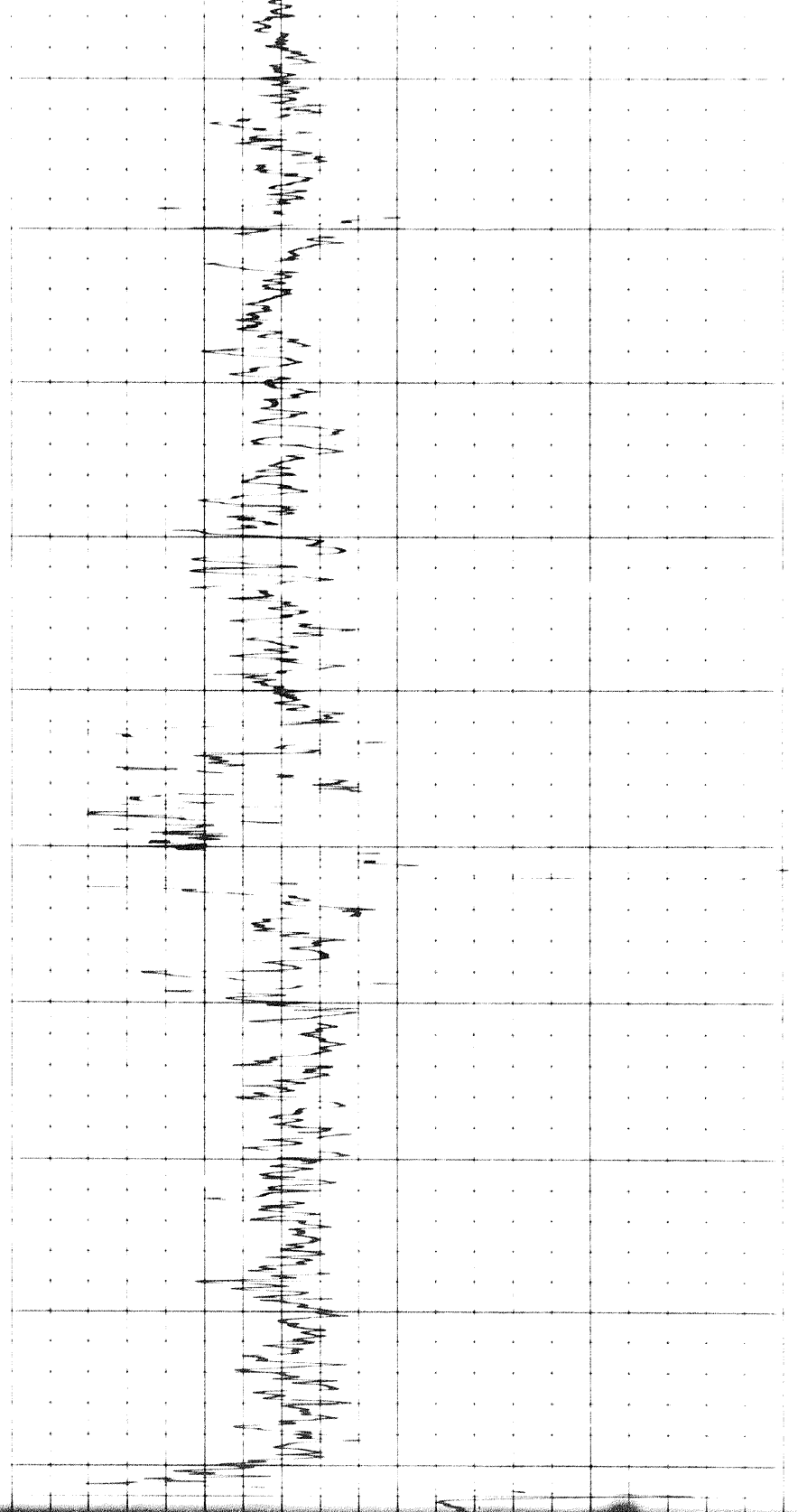
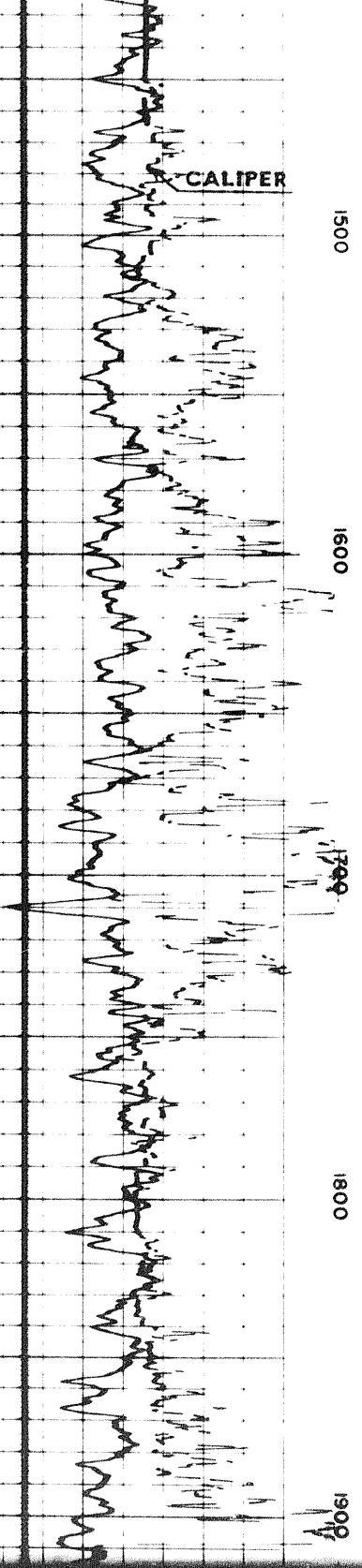
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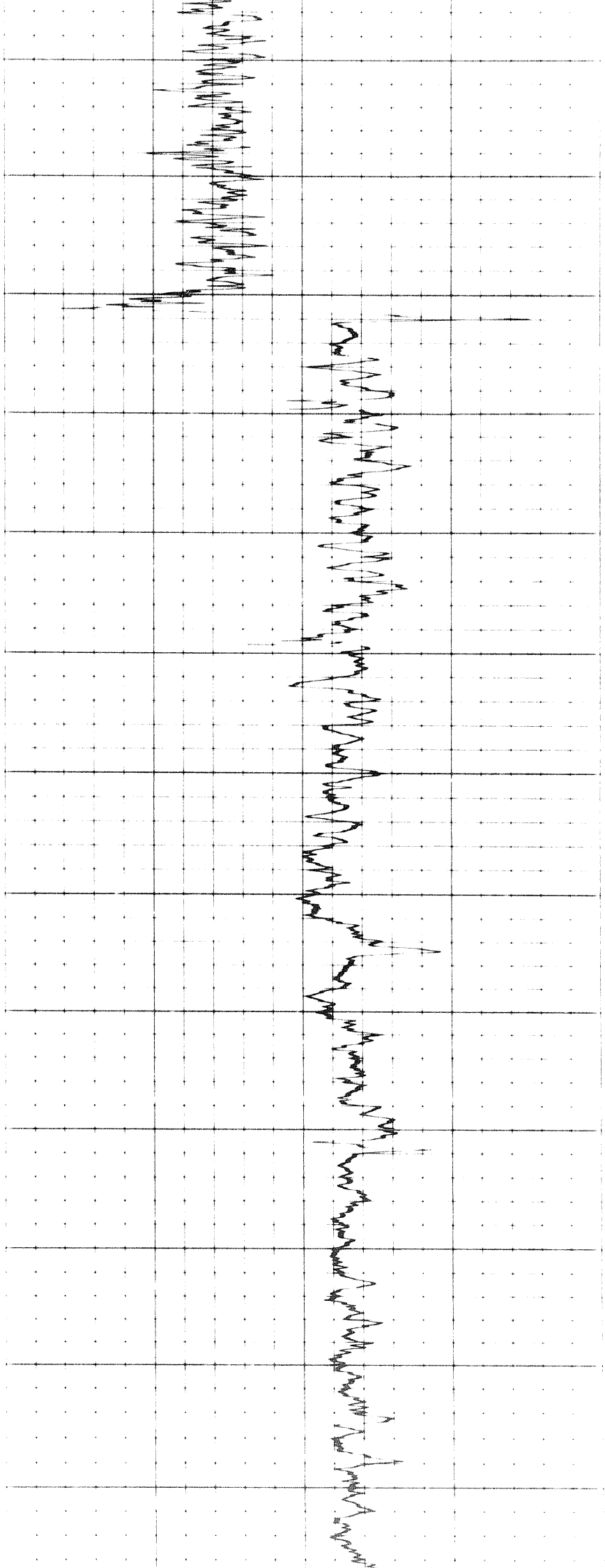
1400

1500



20f





1800

1900

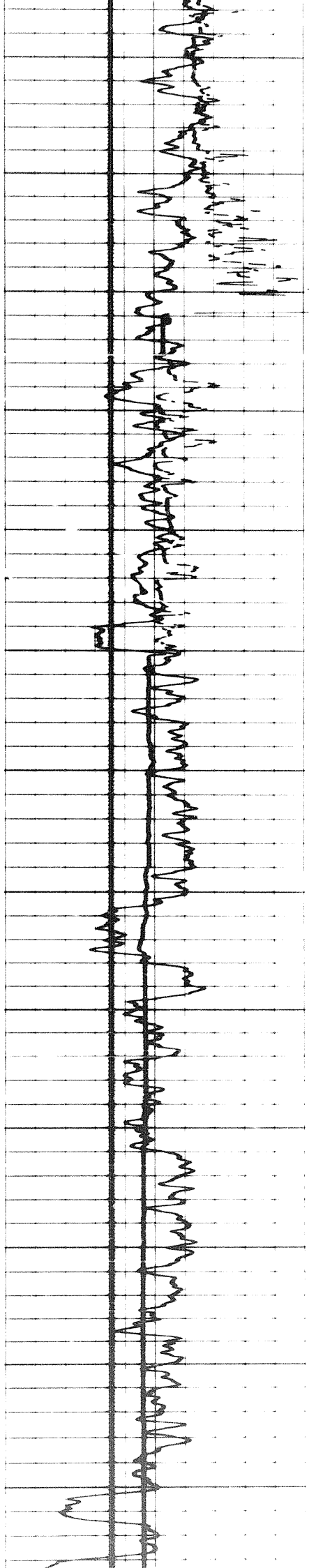
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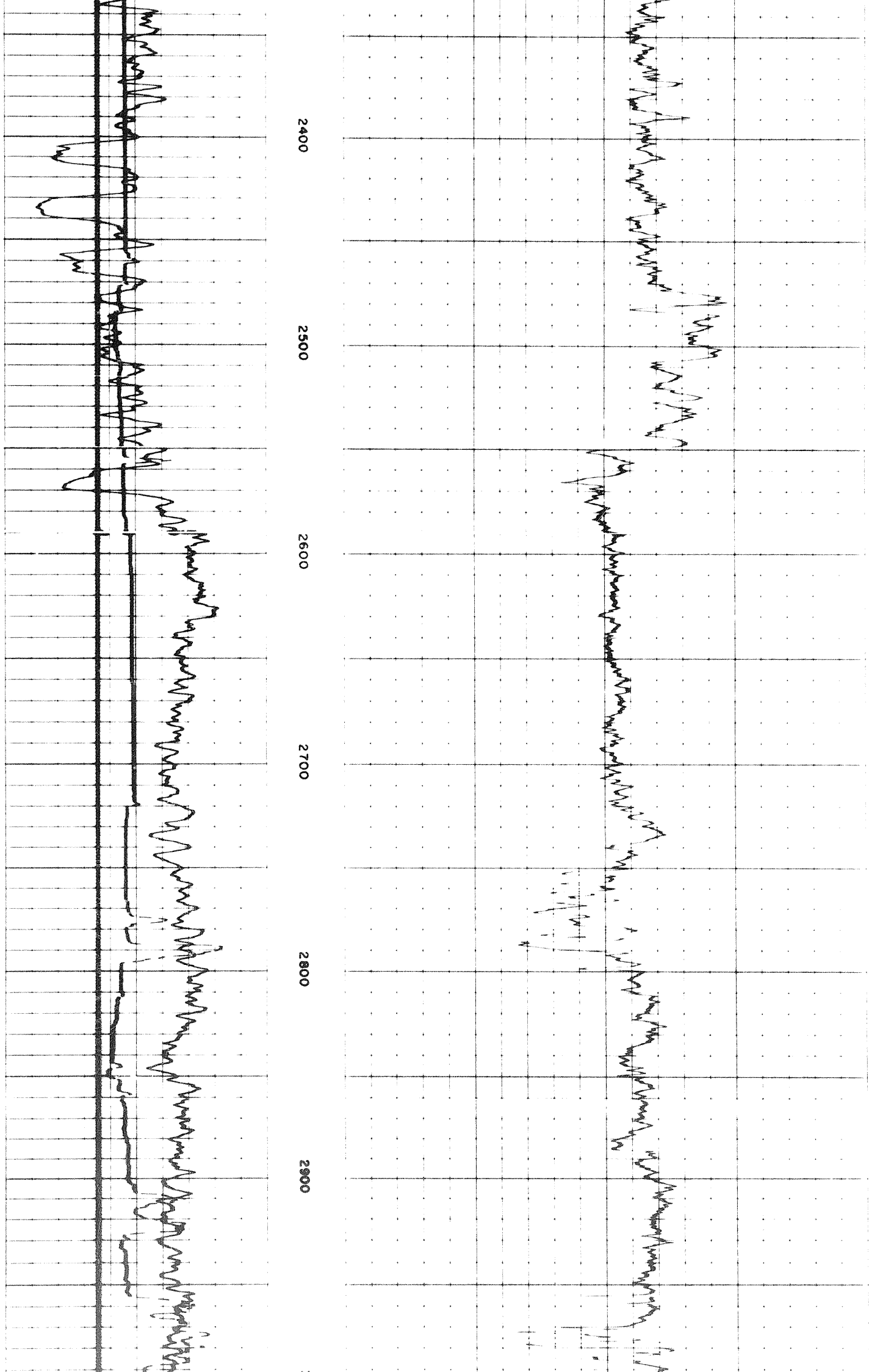
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2200

2300

2400





2400

2500

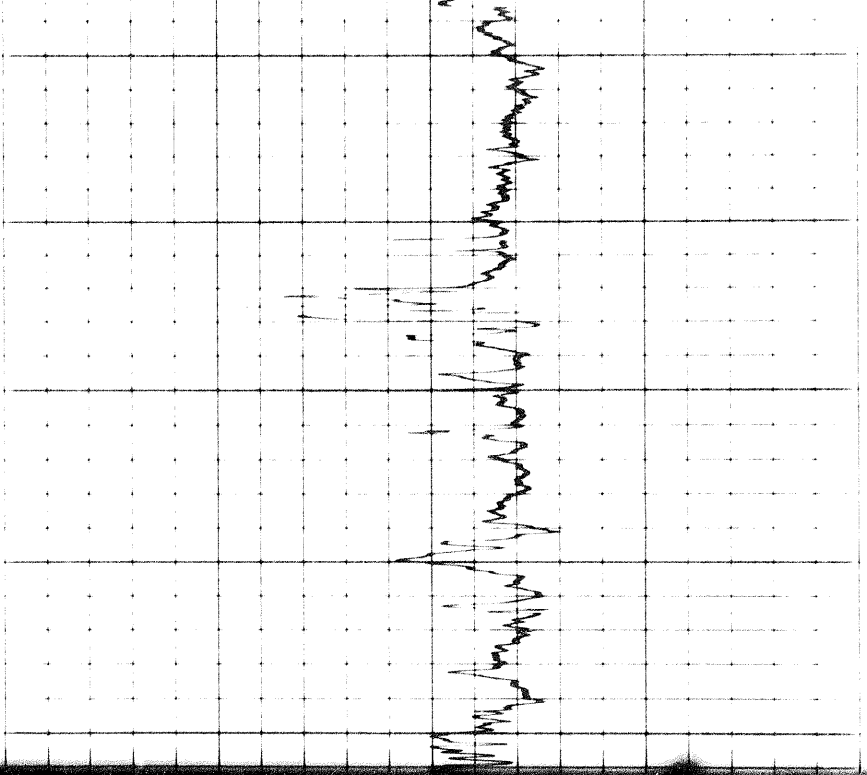
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2700

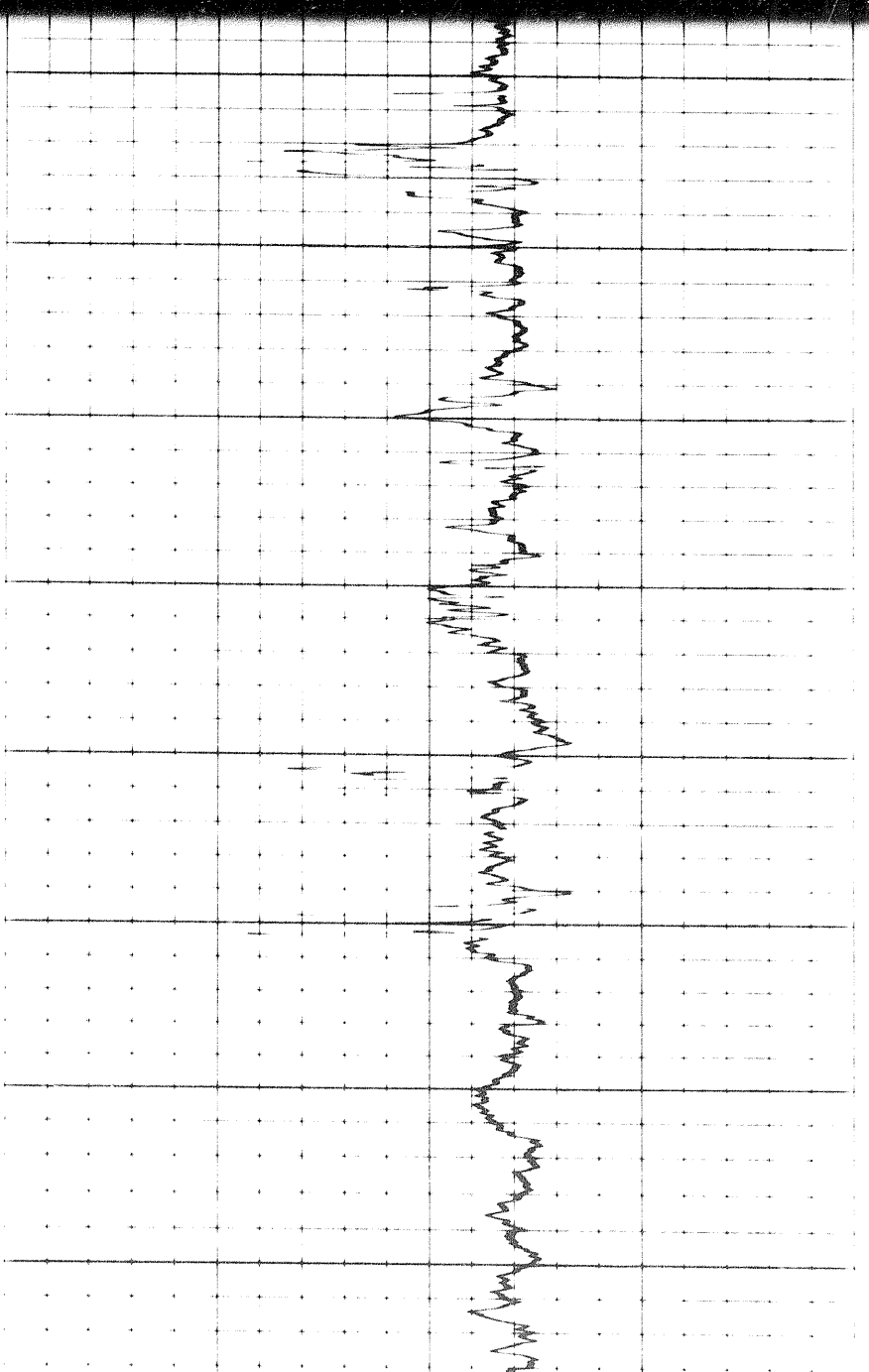
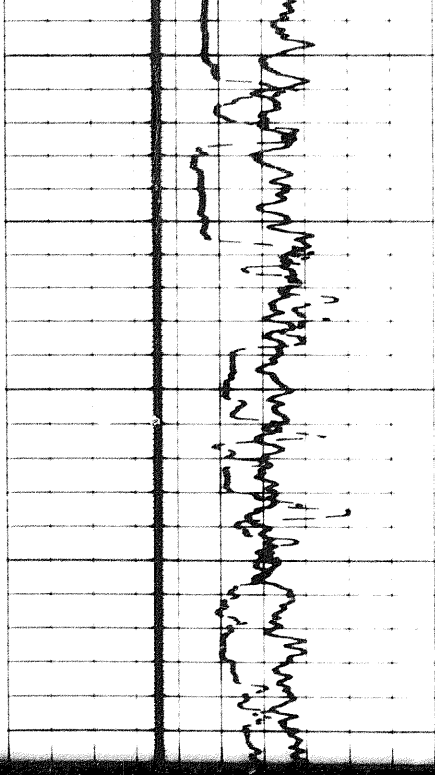
2800

2900

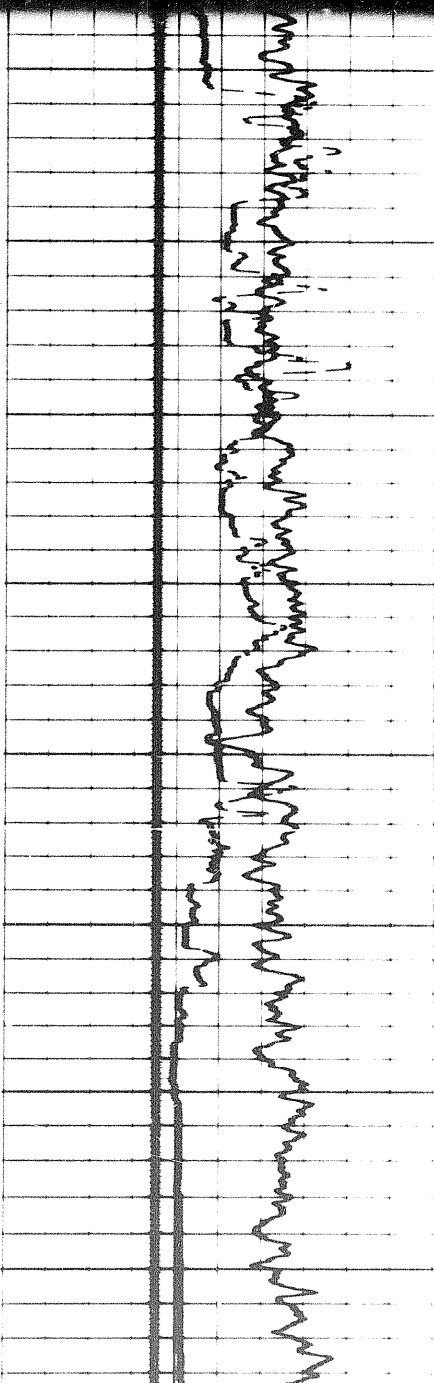
3 of



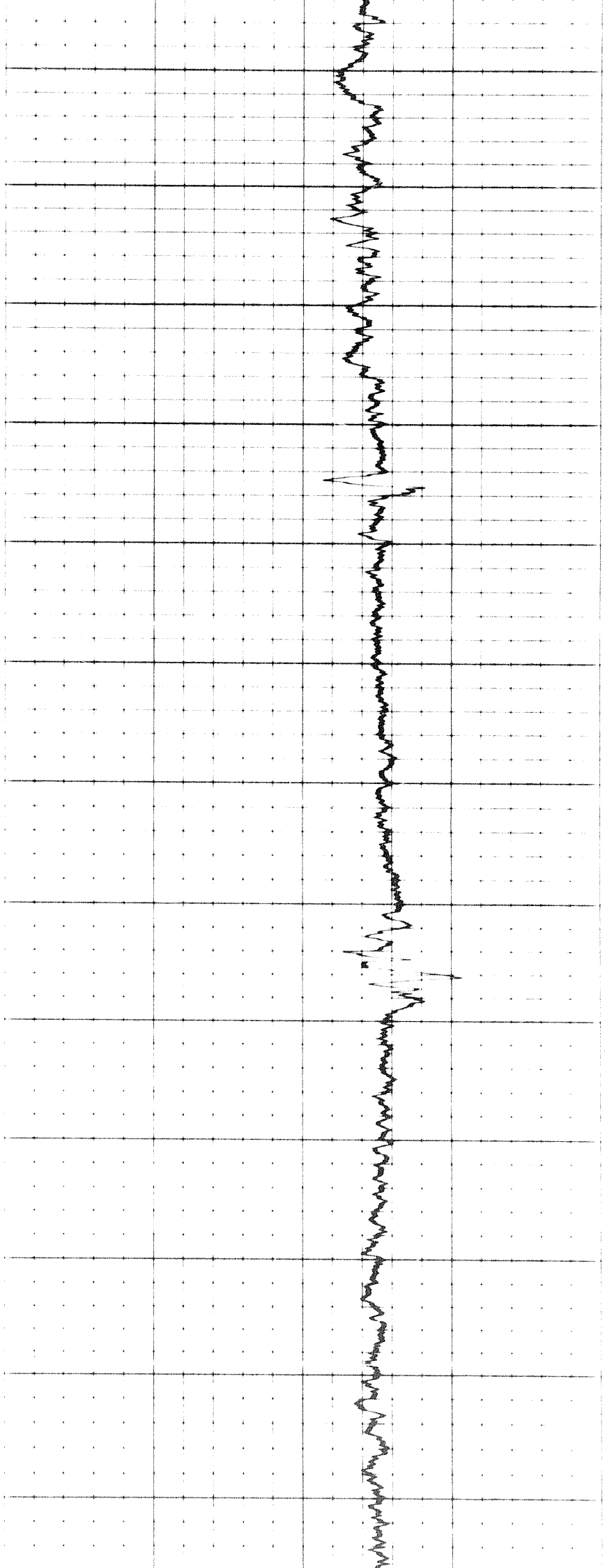
2900 3000 3100



3000 3100 3200 3300



1-21-50 5th 11.20 11.20 11.20



3300

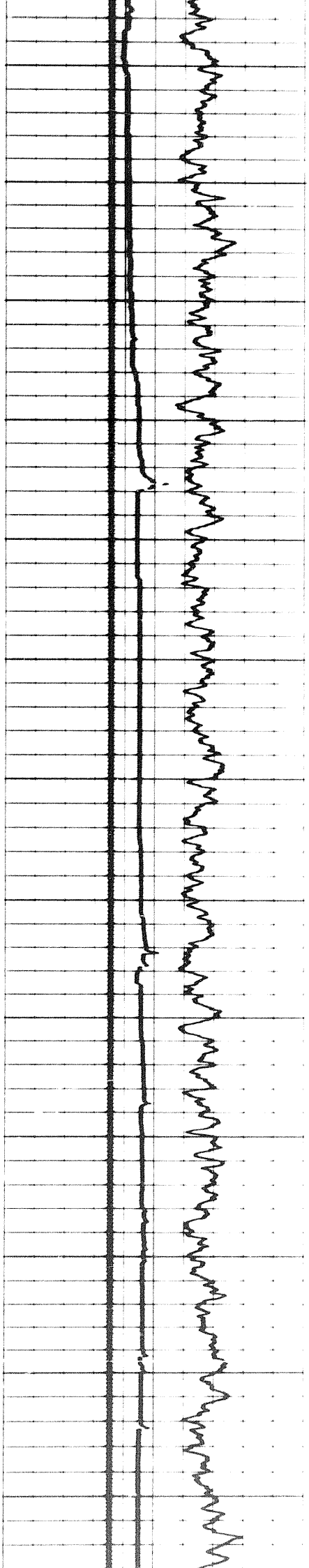
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3500

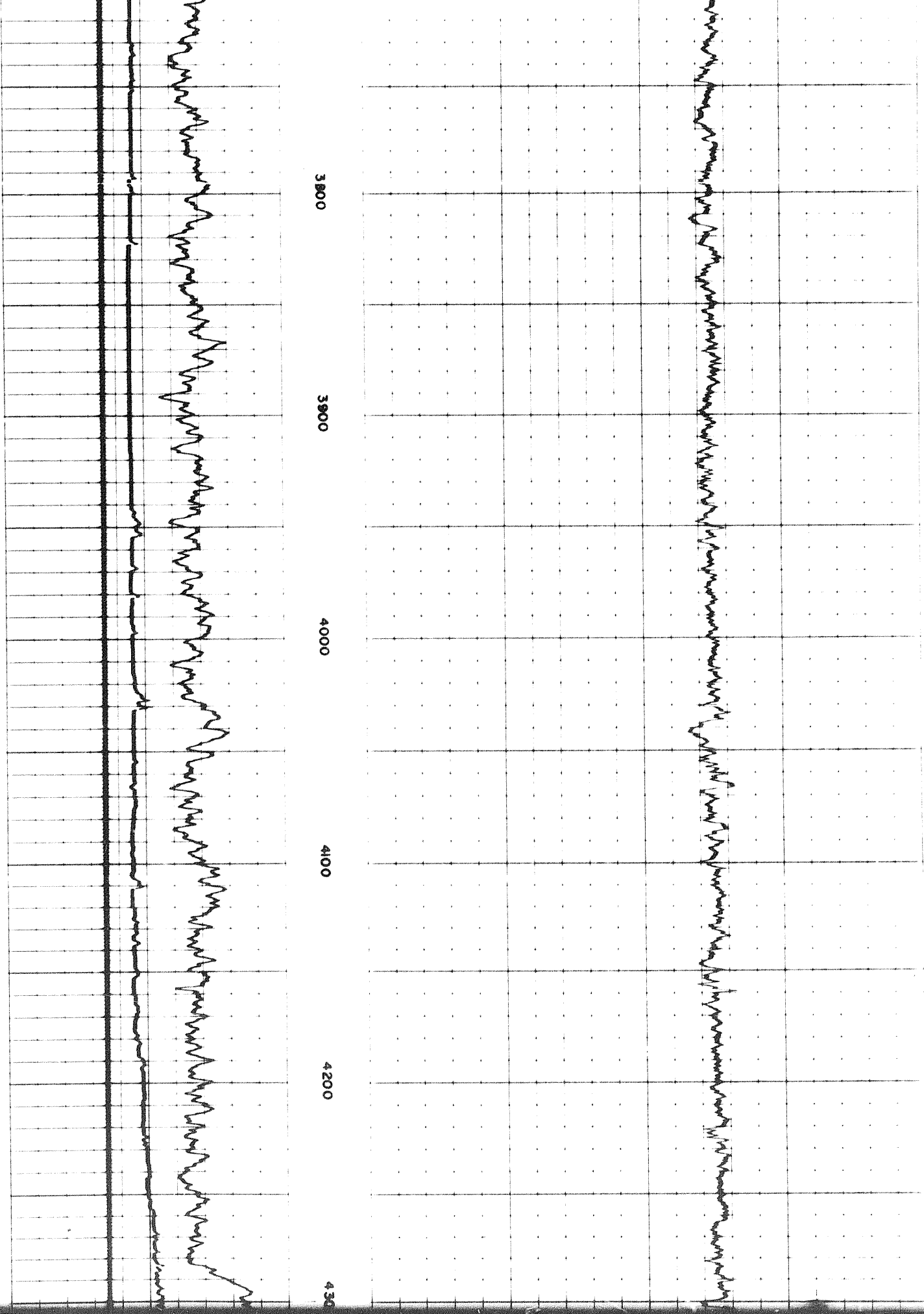
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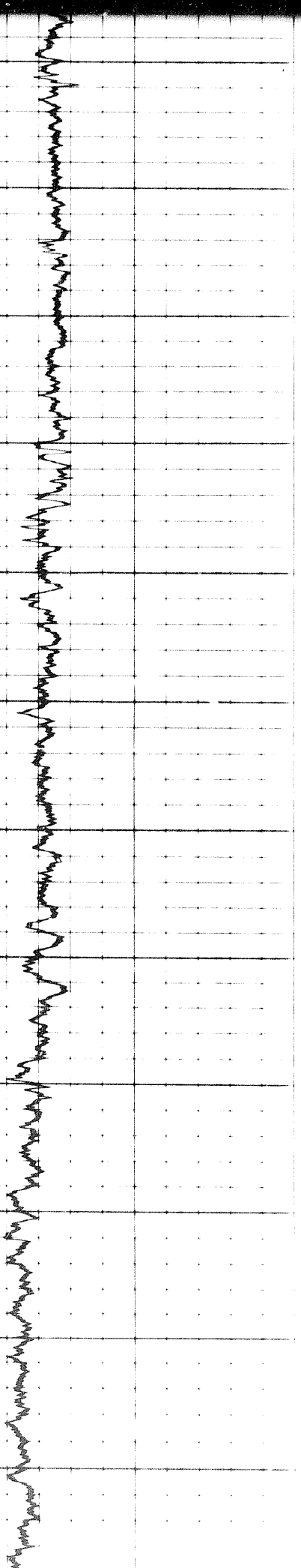
3700

3800



Handwritten mark: "H of"





4200

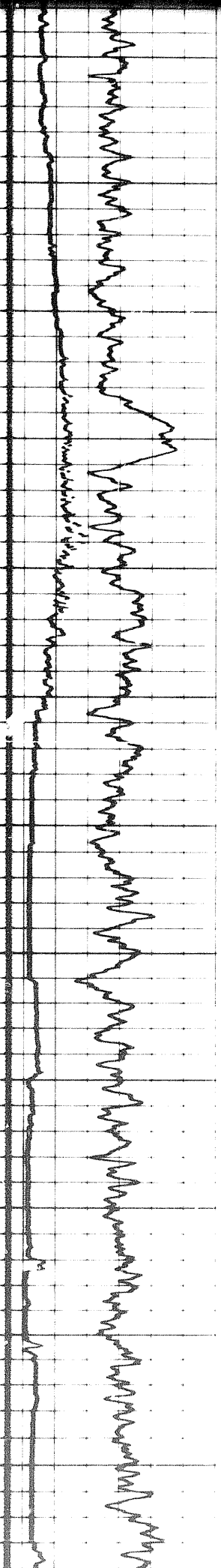
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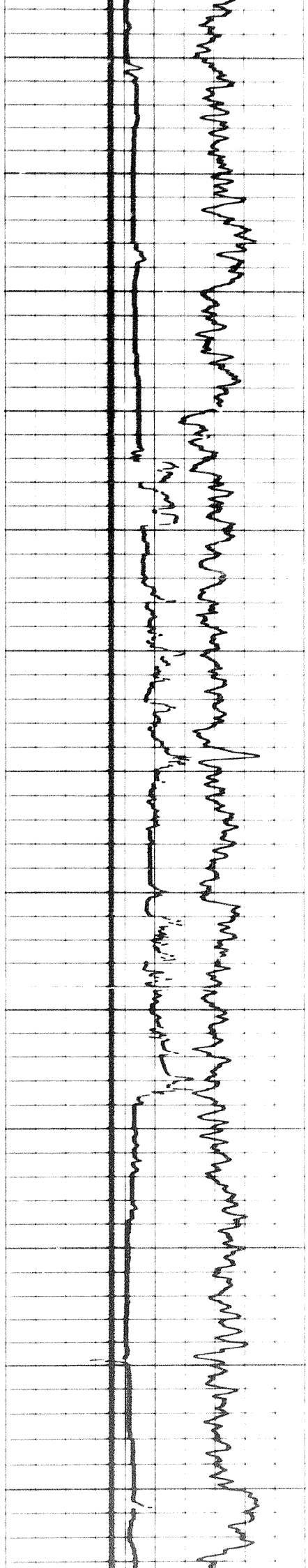
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4500

4600

4700





4700

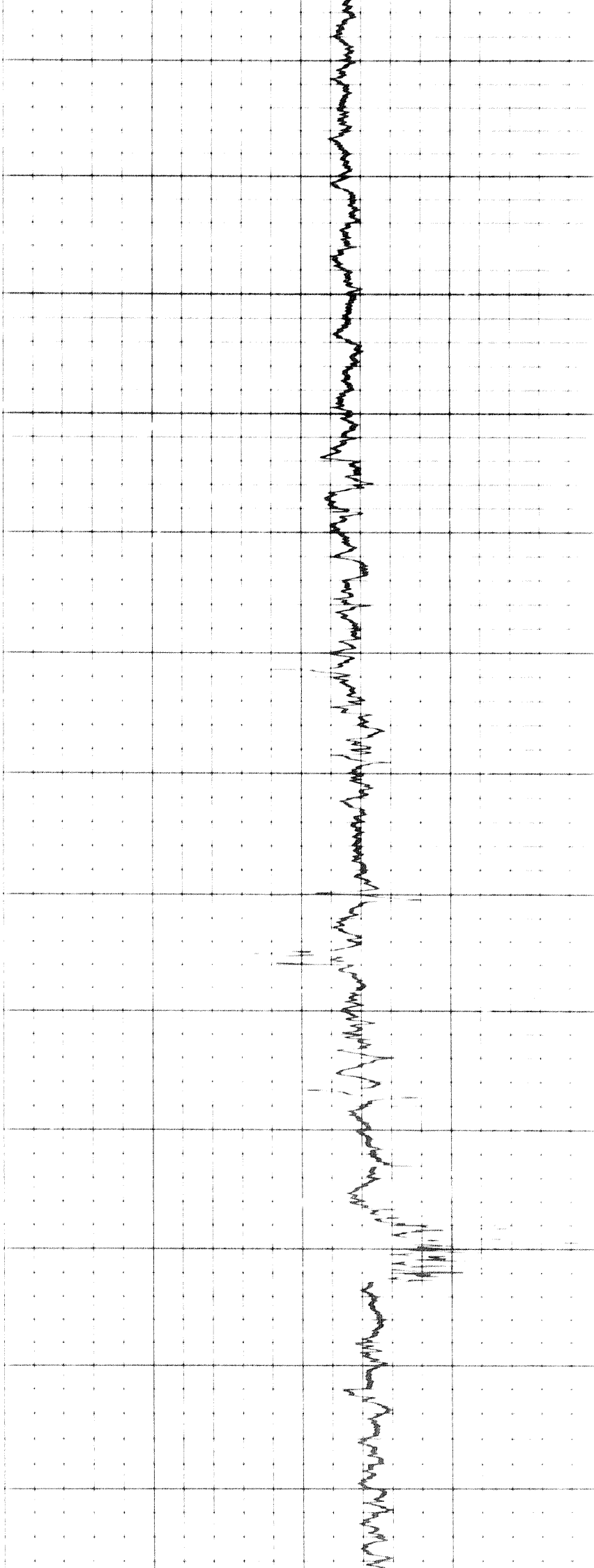
4800

4900

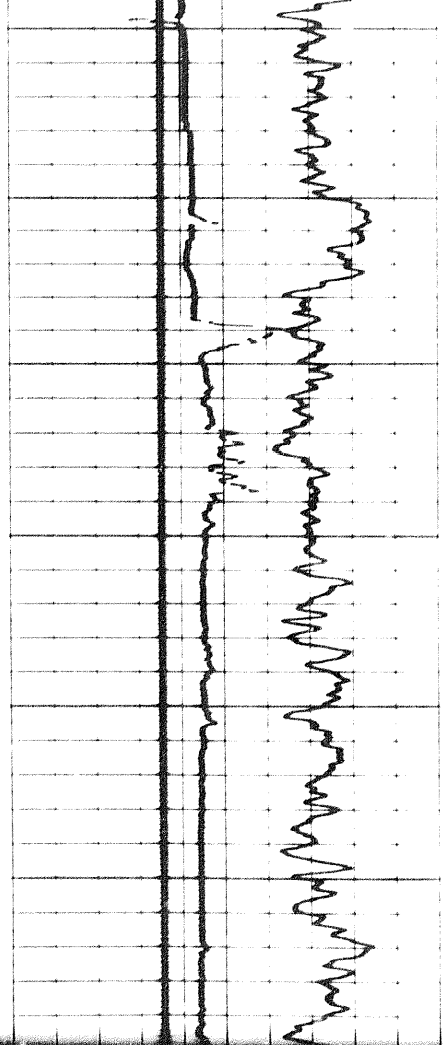
5000

5100

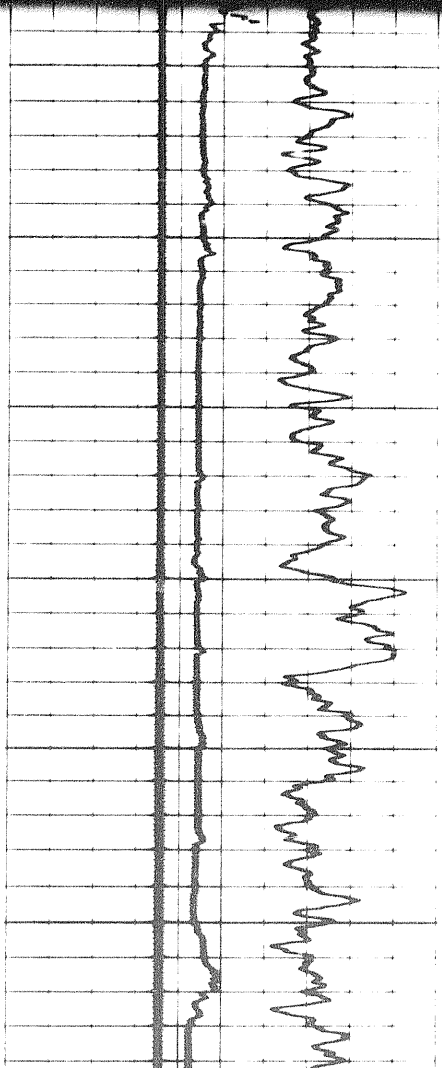
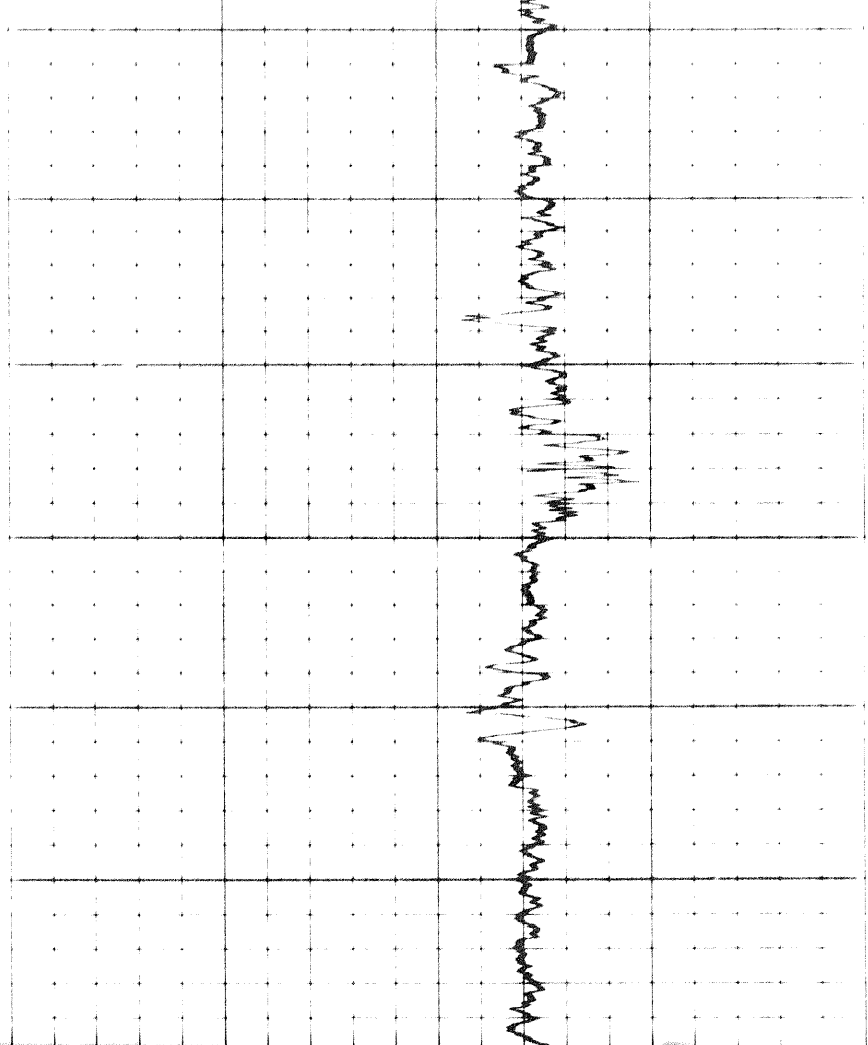
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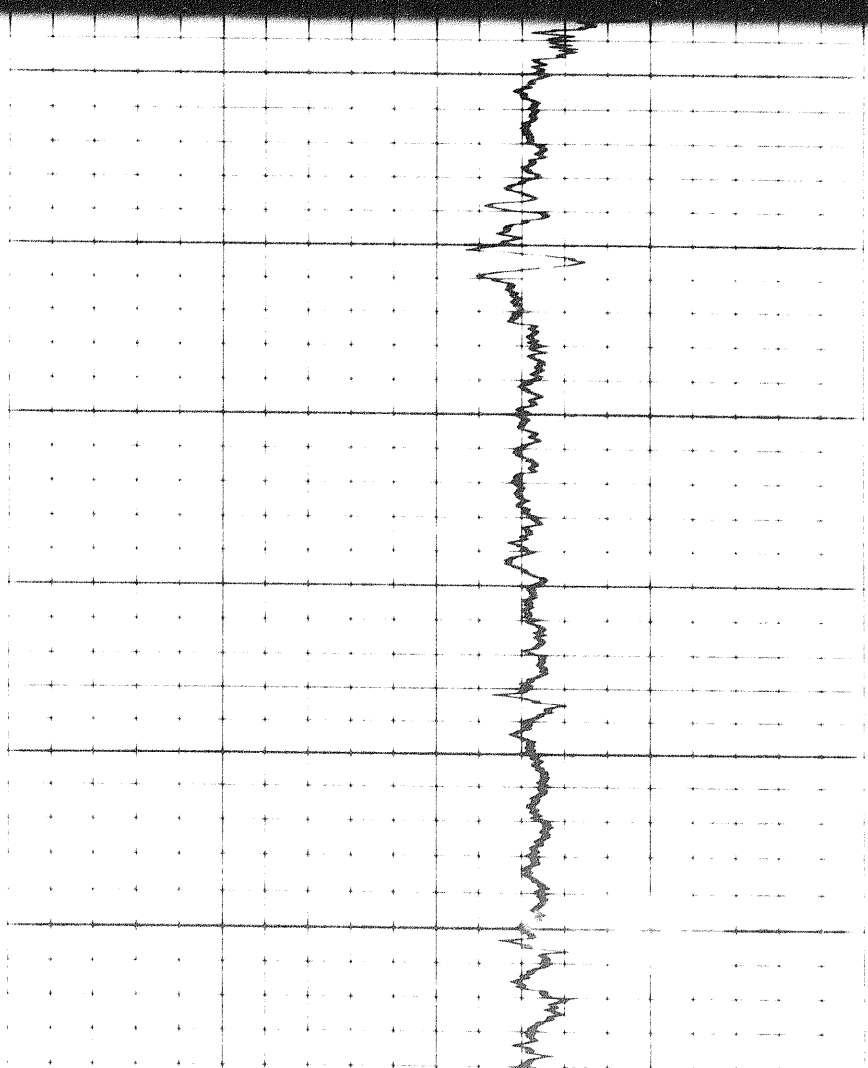
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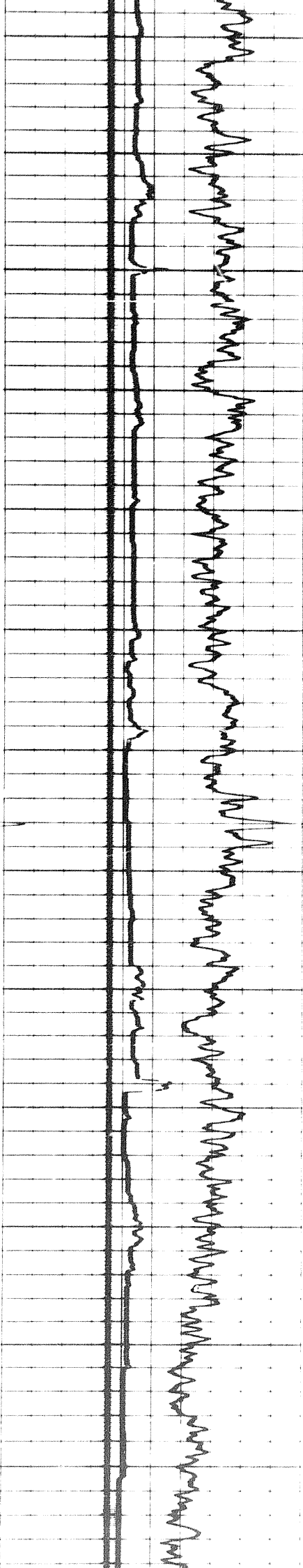


5200 5300 5400 5500



5400 5500 5600





5600

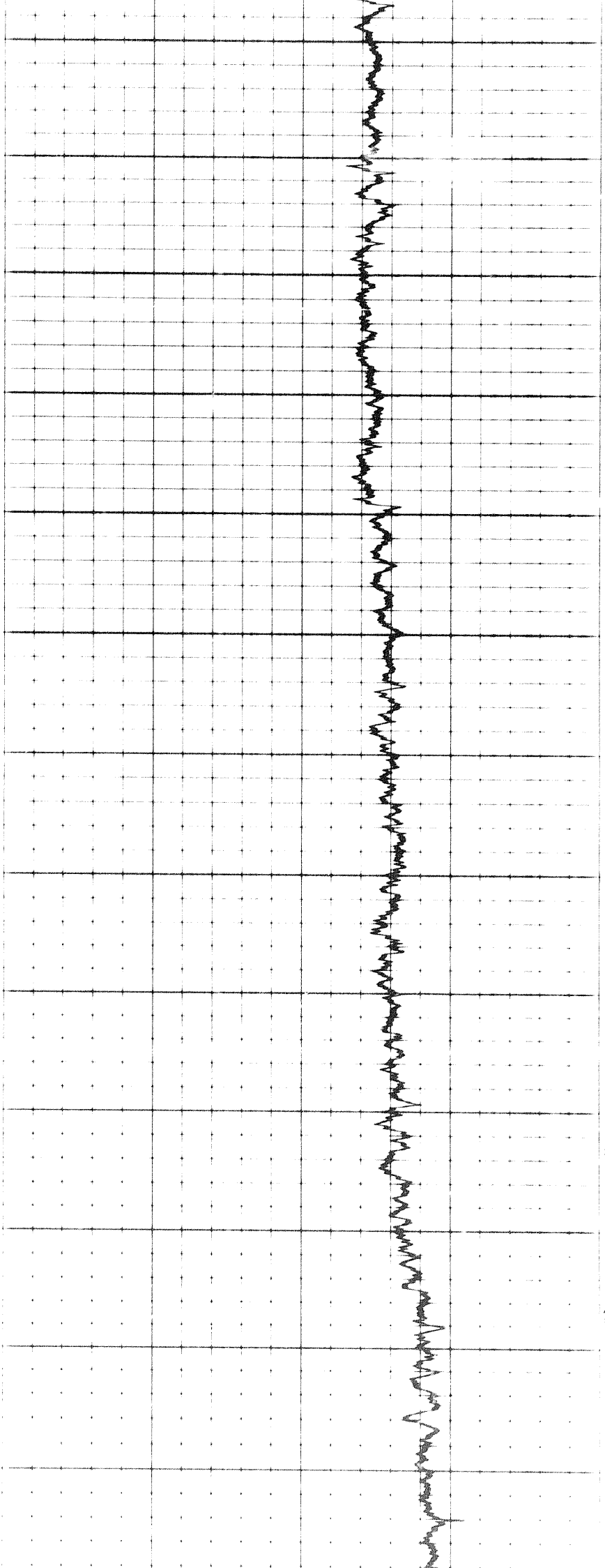
5700

5800

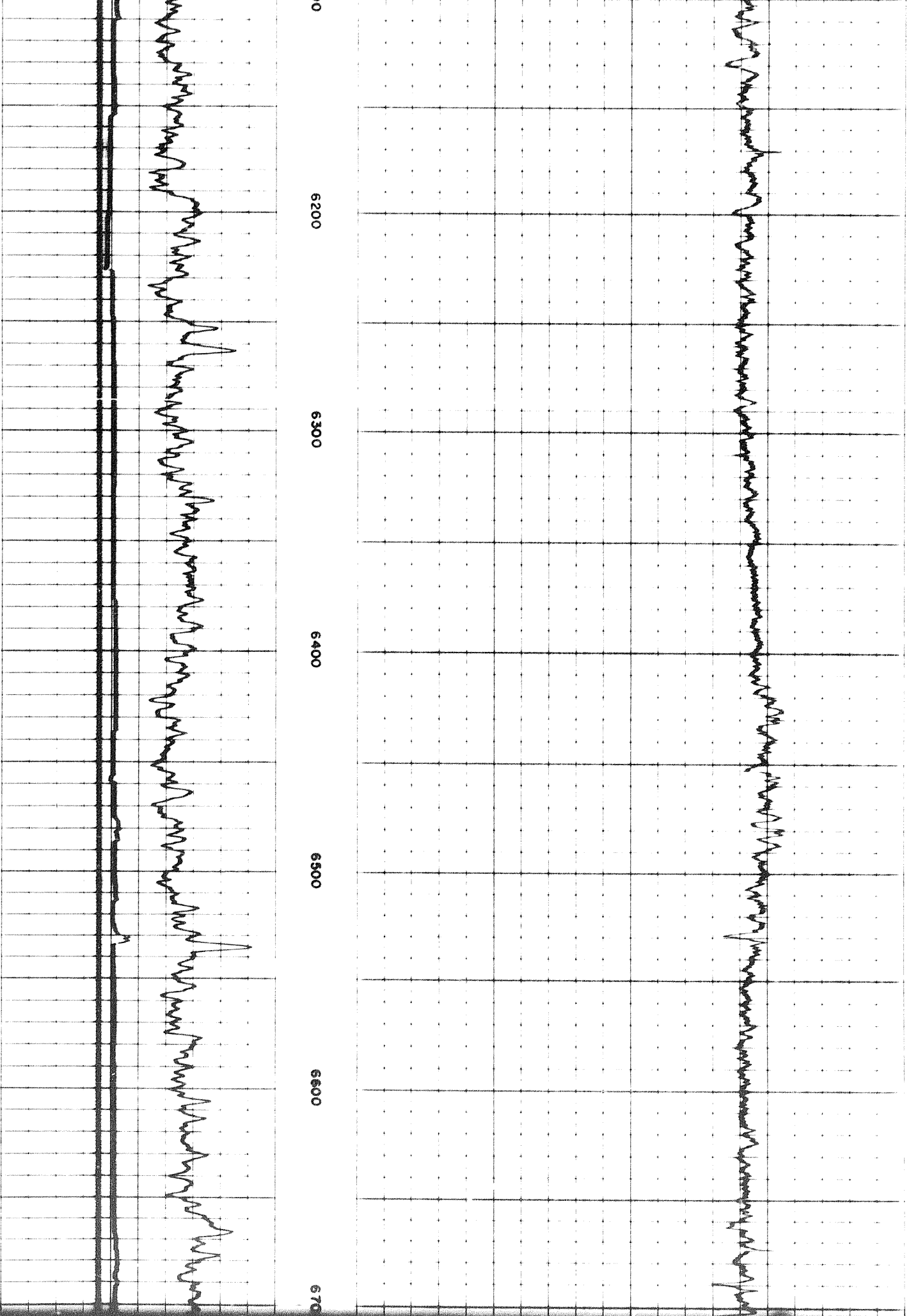
5900

6000

6100



ECG tracing on the right side of the page, showing a regular rhythm with a rate of approximately 75 bpm. The P waves are upright and the QRS complexes are narrow. The tracing is recorded on a standard grid.



6200

6300

6400

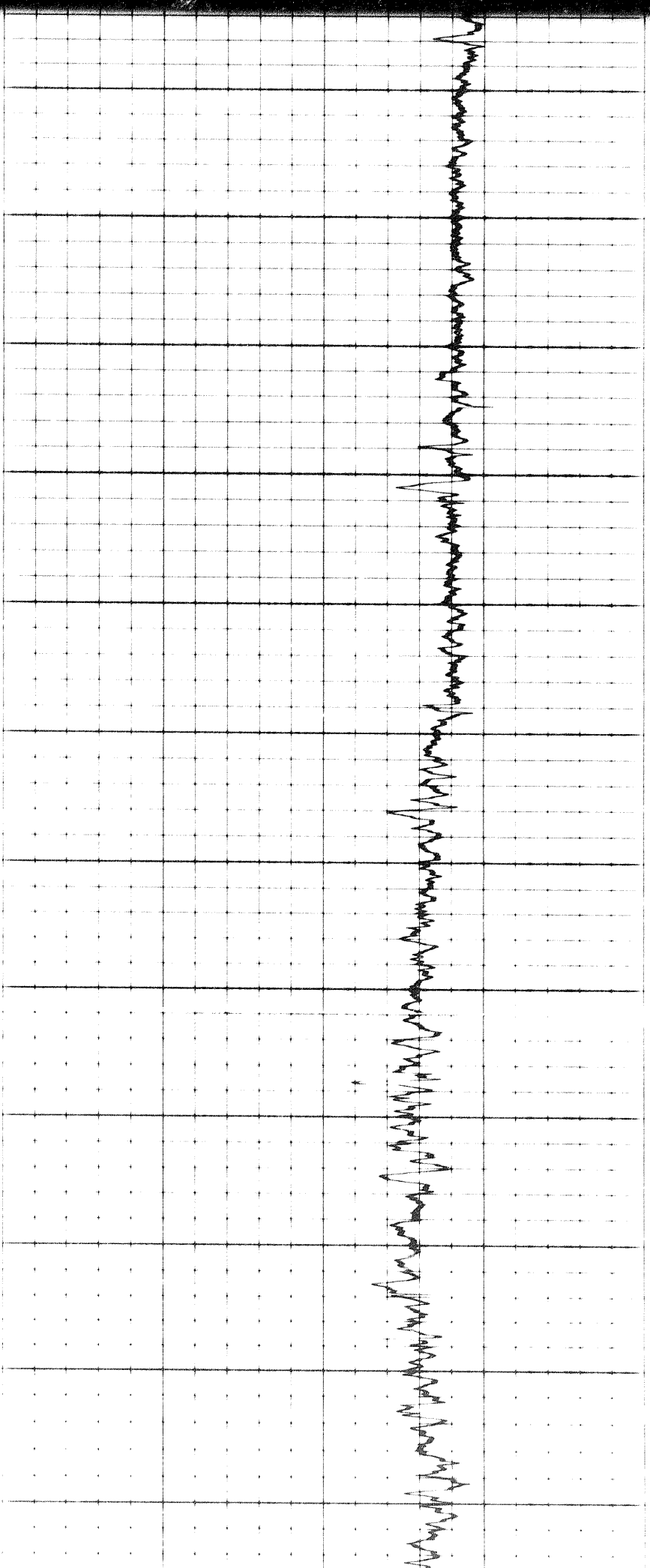
6500

6600

6700

12

570



6600

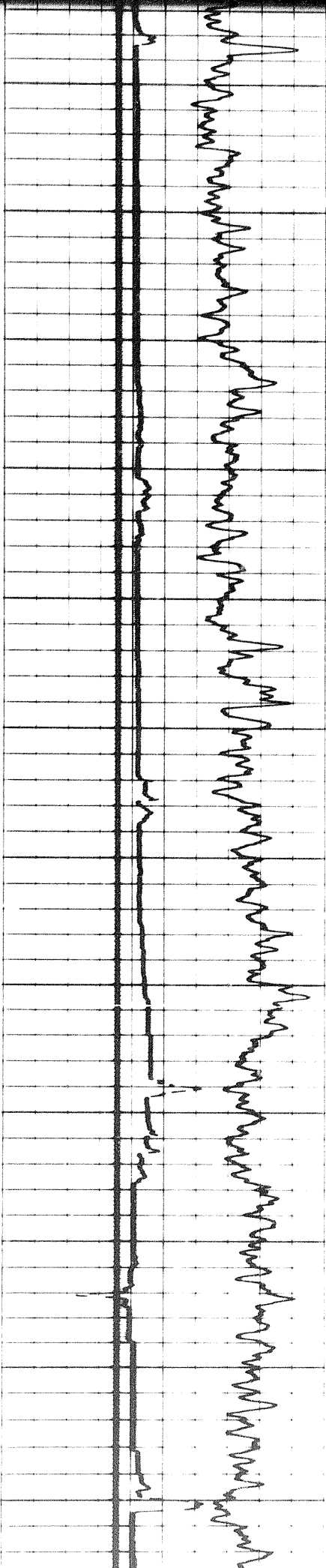
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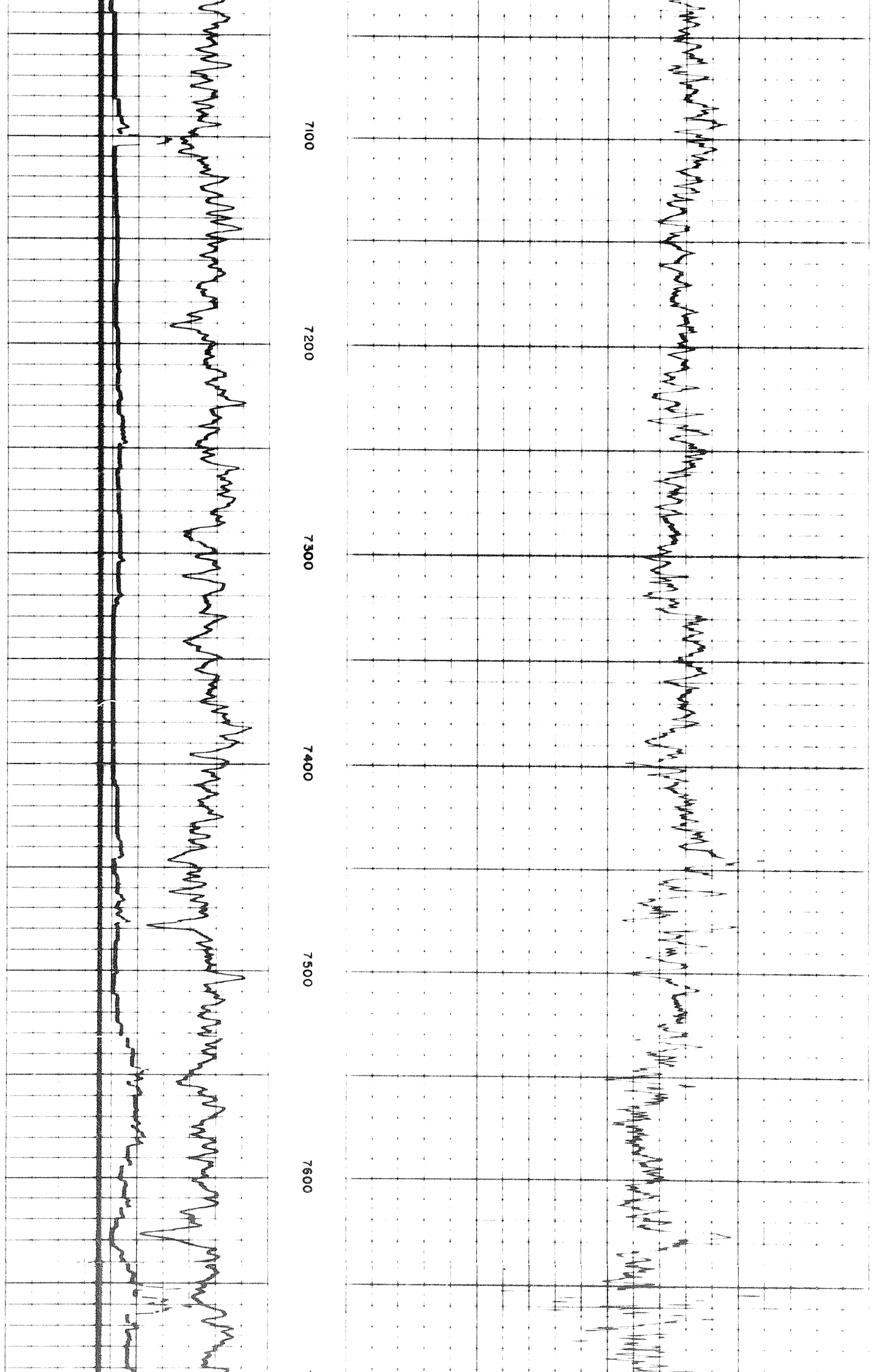
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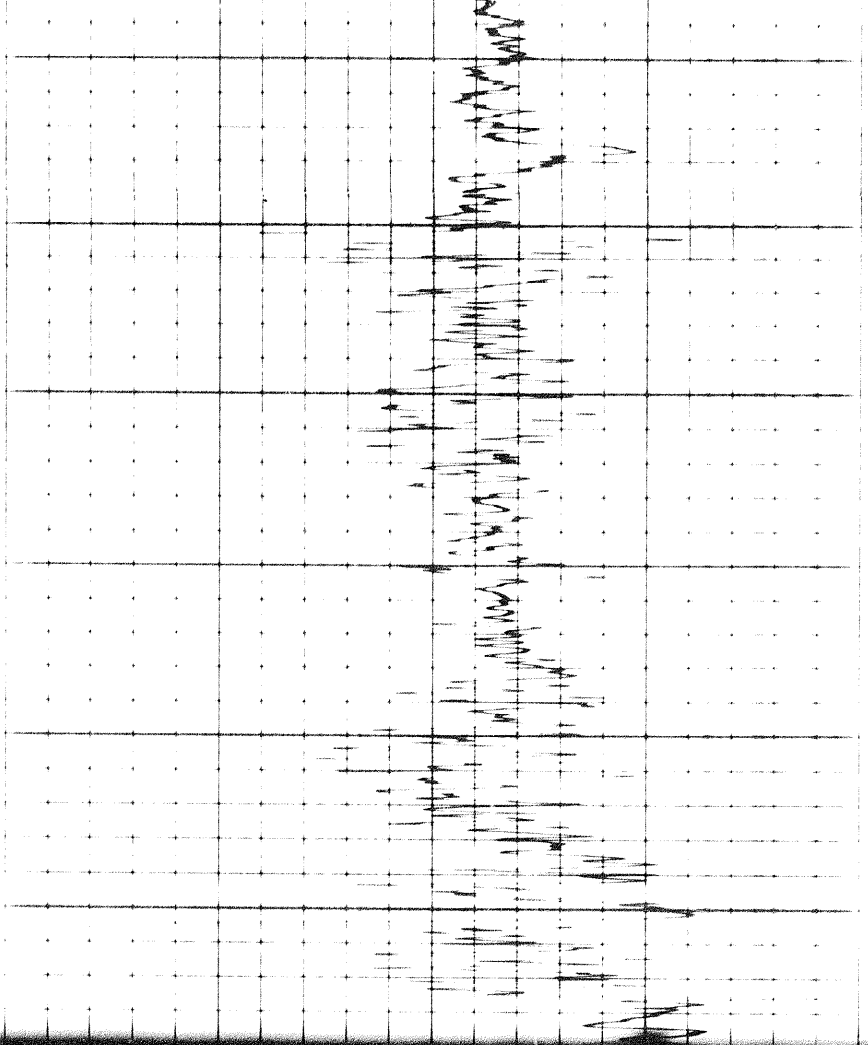
6900

7000

7100



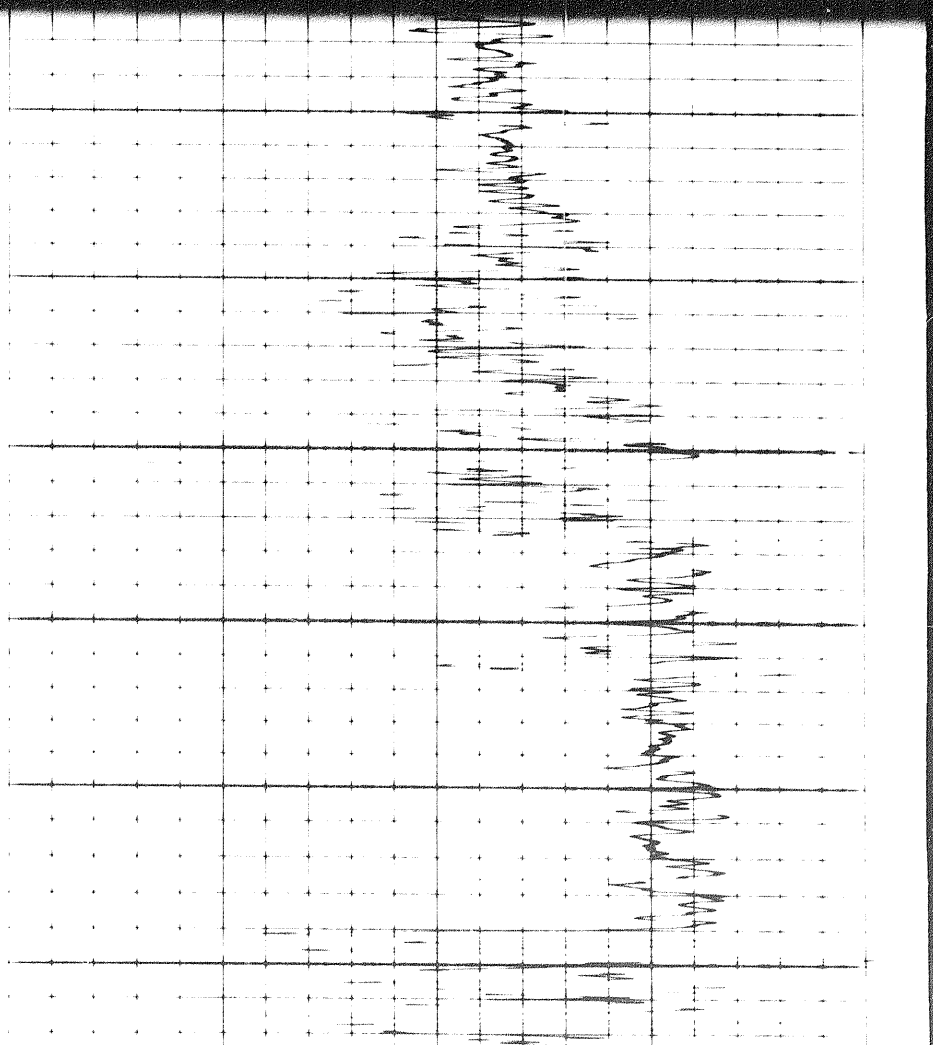
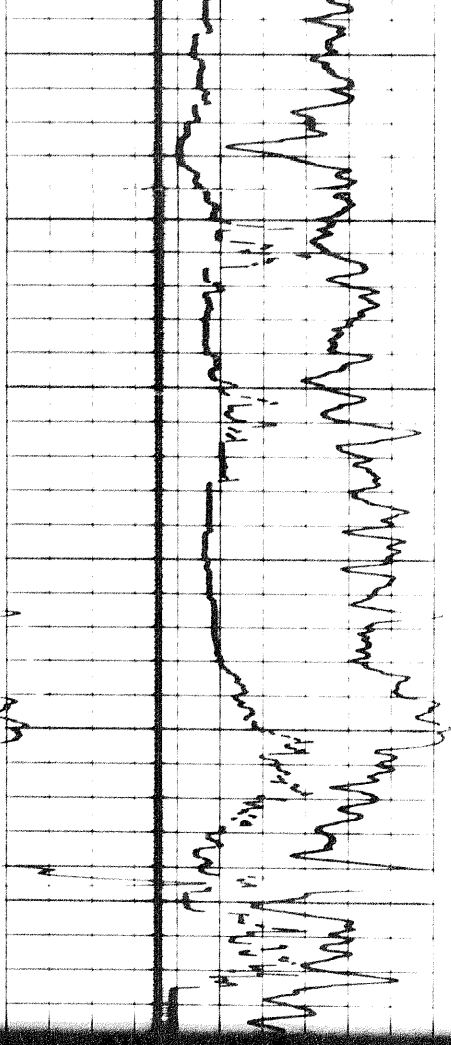




7600

7700

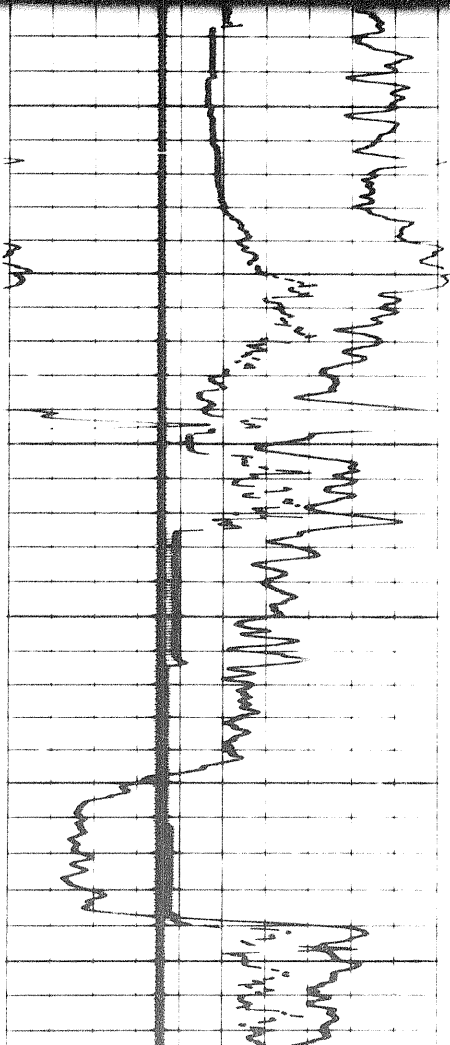
7800



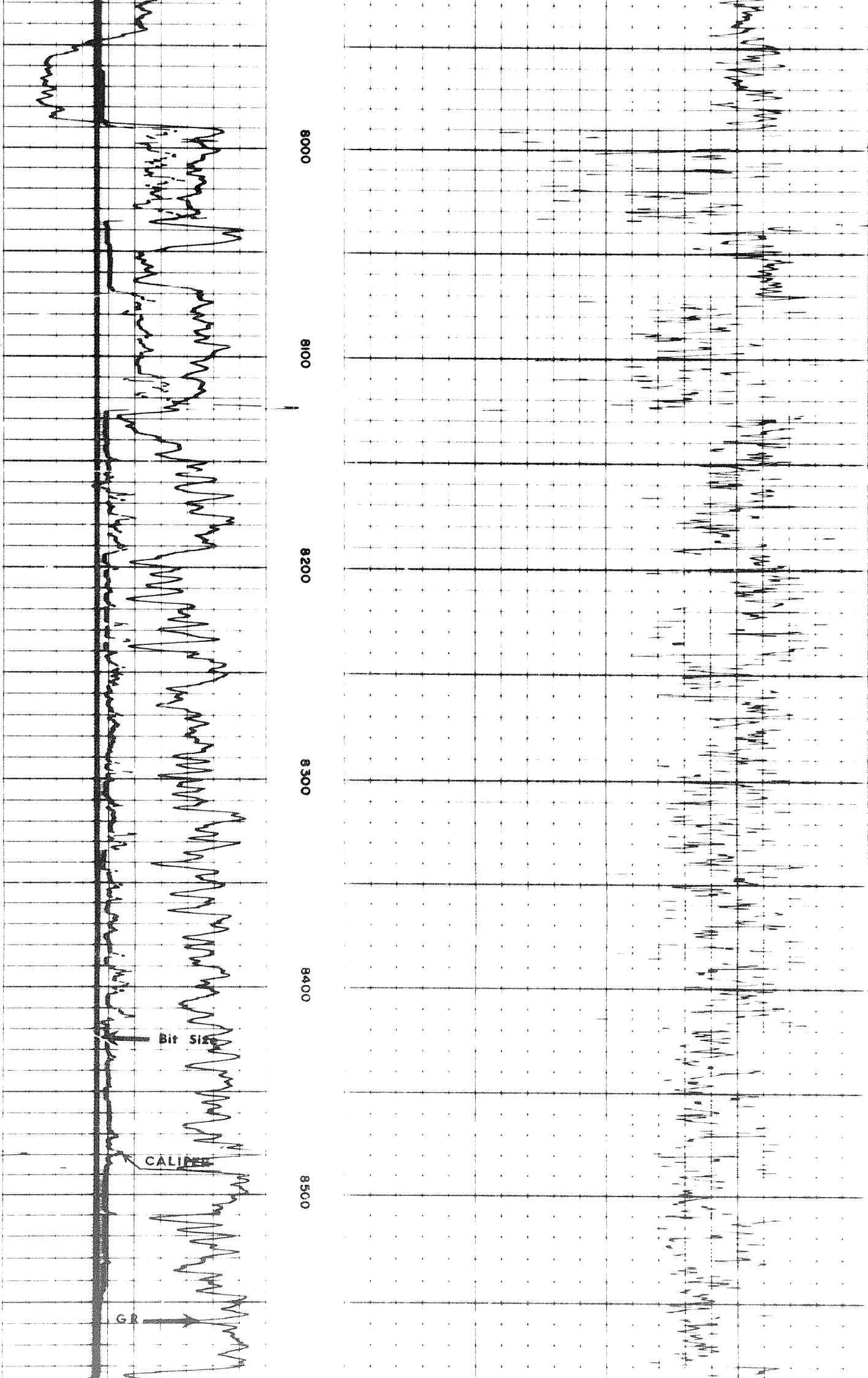
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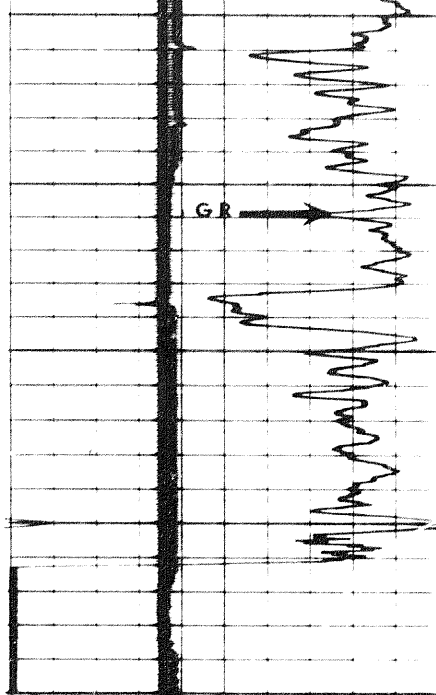
7900

8000

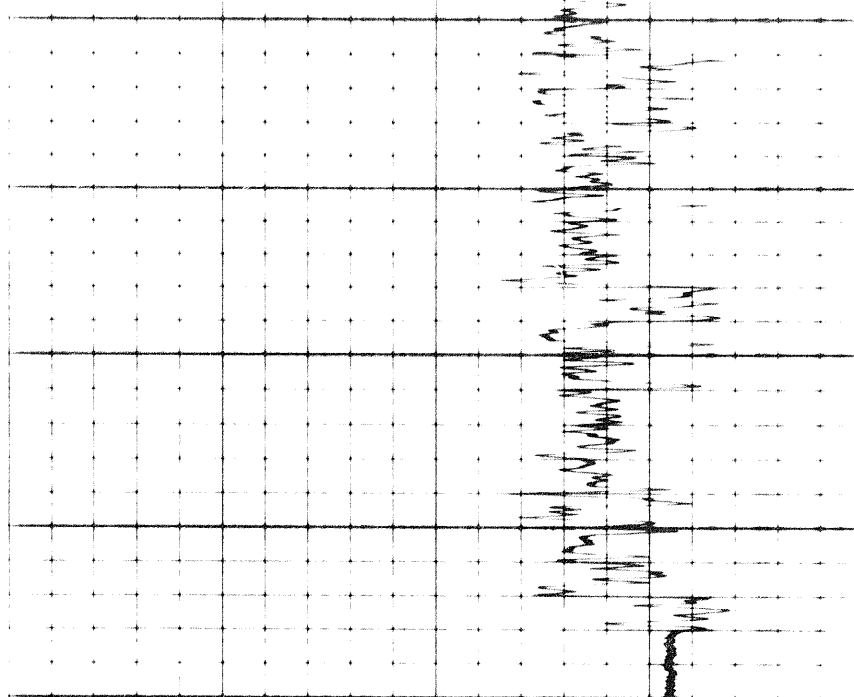


3 of





500
8600
870



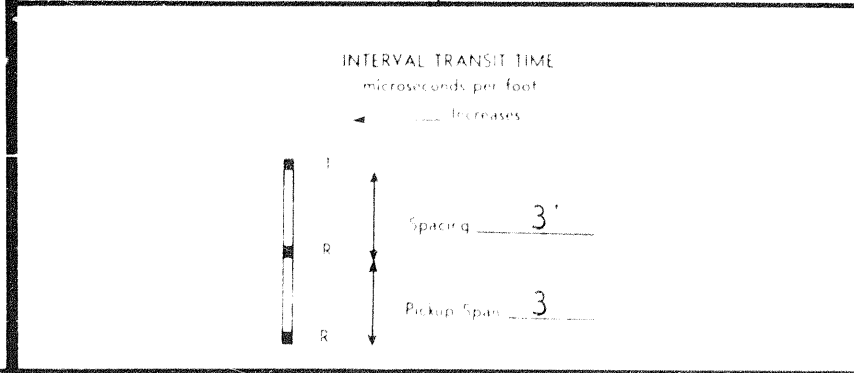
Interval	T.D.	to	100
300	10	2	
30			
0			
0			120
120			240

GAMMA RAY API UNITS			
6	7	8	9
0	1	2	3
4			

CALIPER Hole Diameter in Inches			
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DEPTHS

140	3' SPAN	90	40
240		190	140



SONIC	
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DETAIL LOG

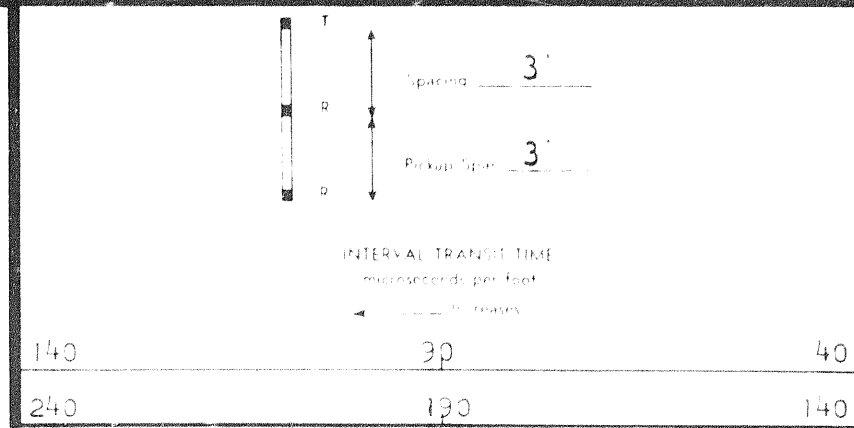
5" - 100'

CALIPER Hole Diameter in Inches			
6	7	8	9
0	1	2	3
4			

GAMMA RAY API UNITS			
60	T.D.	2	
300	30		
0			
0			120
120			240

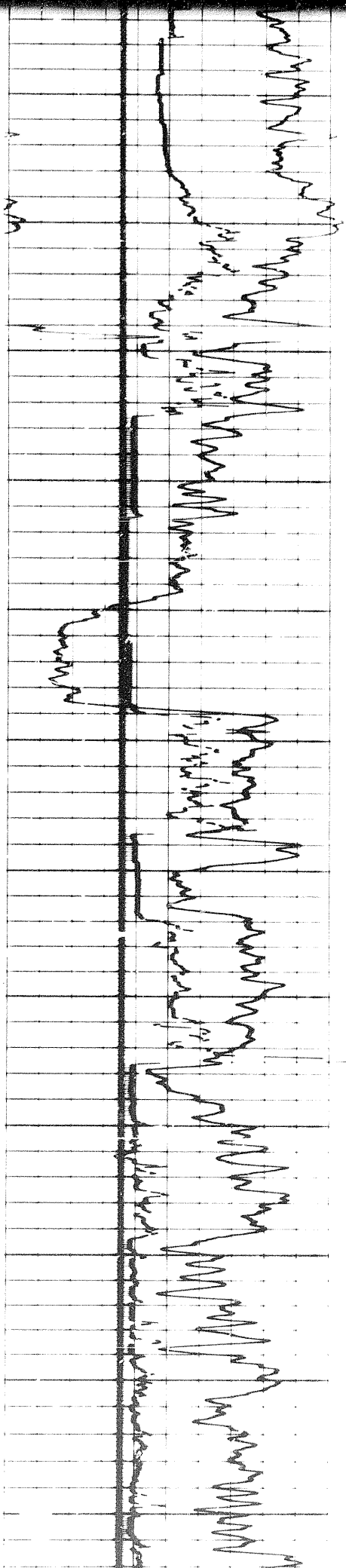
DEPTHS

SONIC	
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140	30	40
240	190	140

505



7800

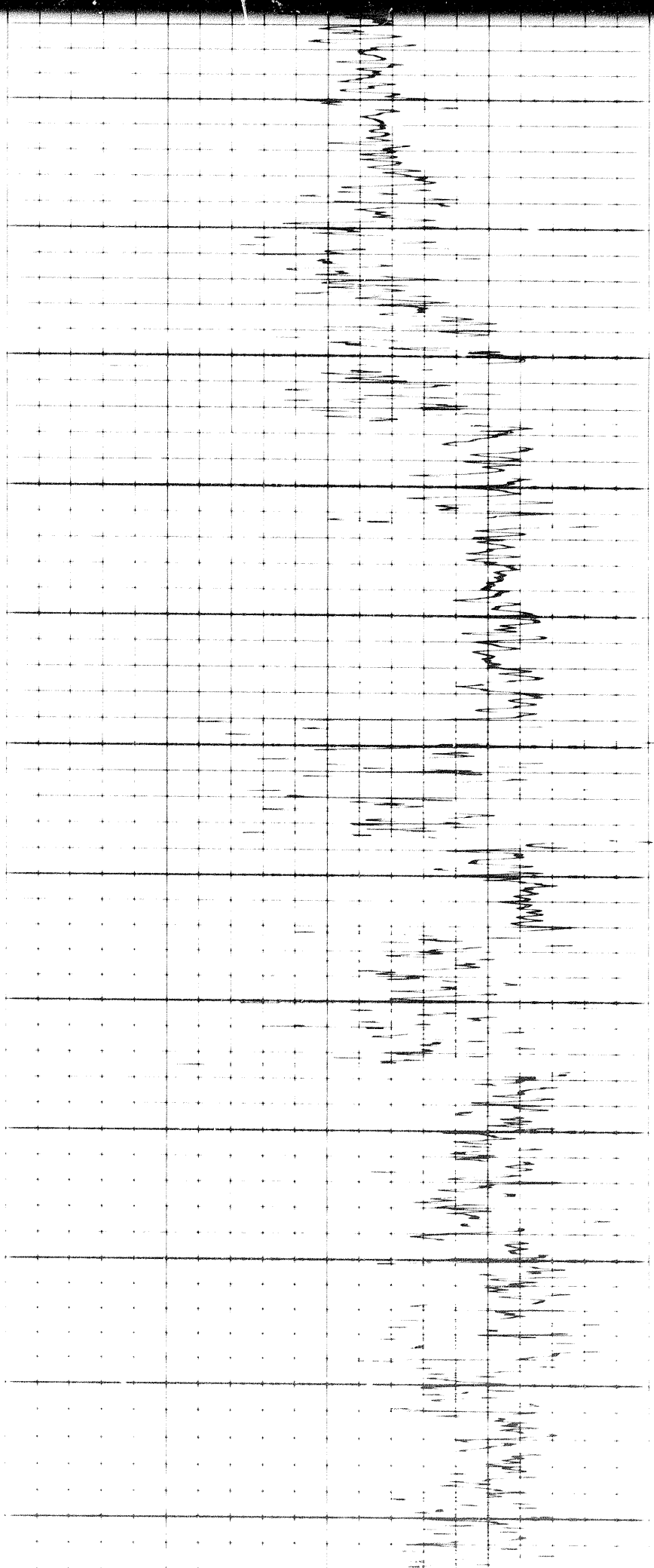
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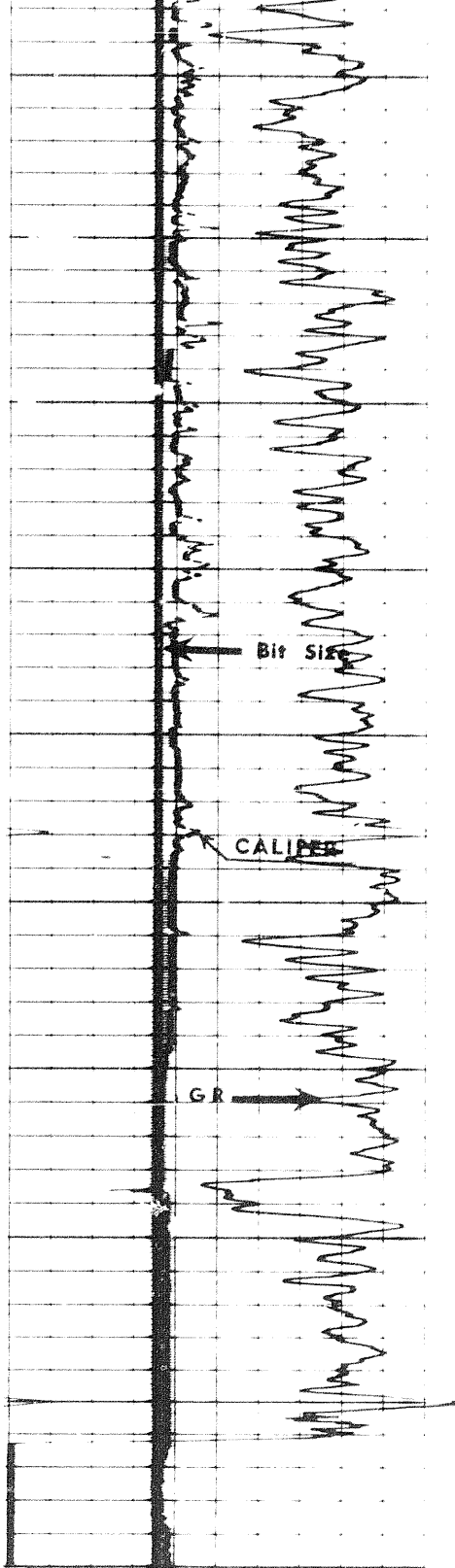
8000

8100

8200

8300





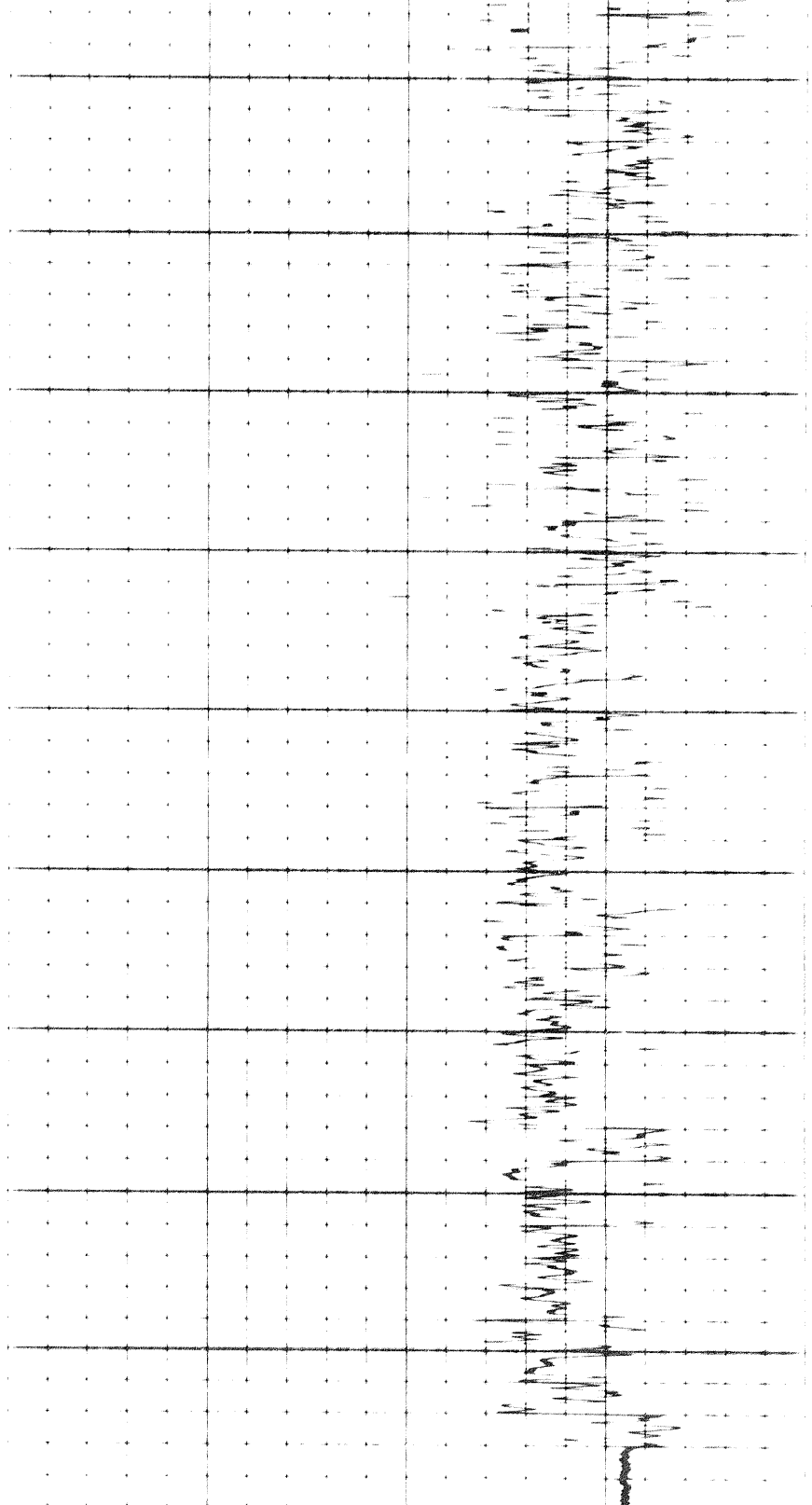
8300

8400

8500

8600

8700



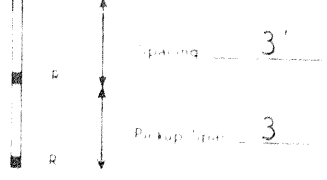
120	T.D.	100
300	2	
30		
0		
120		
240		

GAMMA RAY
API UNITS

CALIPER

140	3' SPAN	90	40
240		190	140
<p>INTERVAL TRANSIT TIME</p>			
DEPTHS		SONIC	

GAMMA RAY
API UNITS



CALIPER
Hole Diameter in Inches

DEPTHS

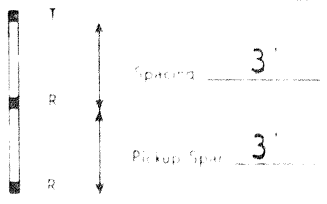
SONIC

DETAIL LOG
5" 100'

CALIPER
Hole Diameter in Inches

DEPTHS

SONIC



GAMMA RAY
API UNITS

Interval	T.D.	to	60
300			2
30			
0			
0		120	
120		240	

INTERVAL TRANSIT TIME
microseconds per foot
Increases

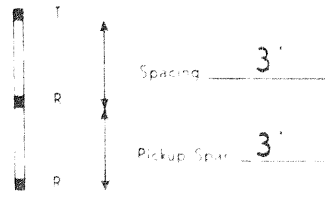
140	90	40
240	190	140

808

CALIPER
Hole Diameter in Inches

DEPTHS

SONIC

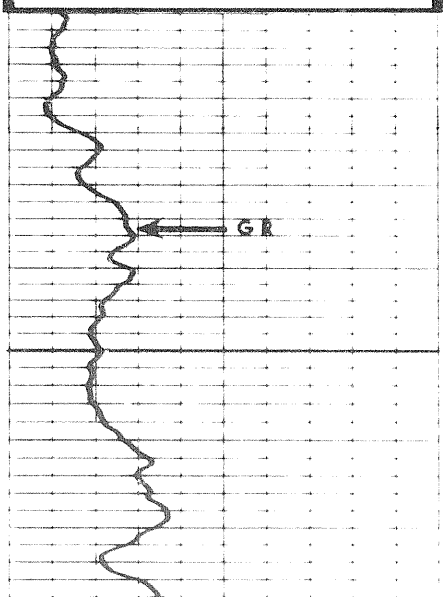


GAMMA RAY
API UNITS

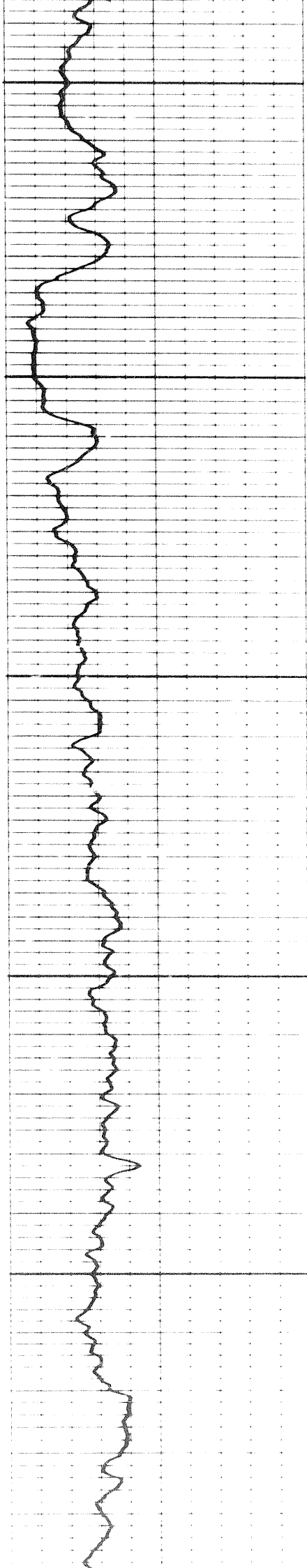
Interval	T.D.	to	60
300			2
30			
0			
0		120	
120		240	

INTERVAL TRANSIT TIME
microseconds per foot
Increases

140	90	40
240	190	140



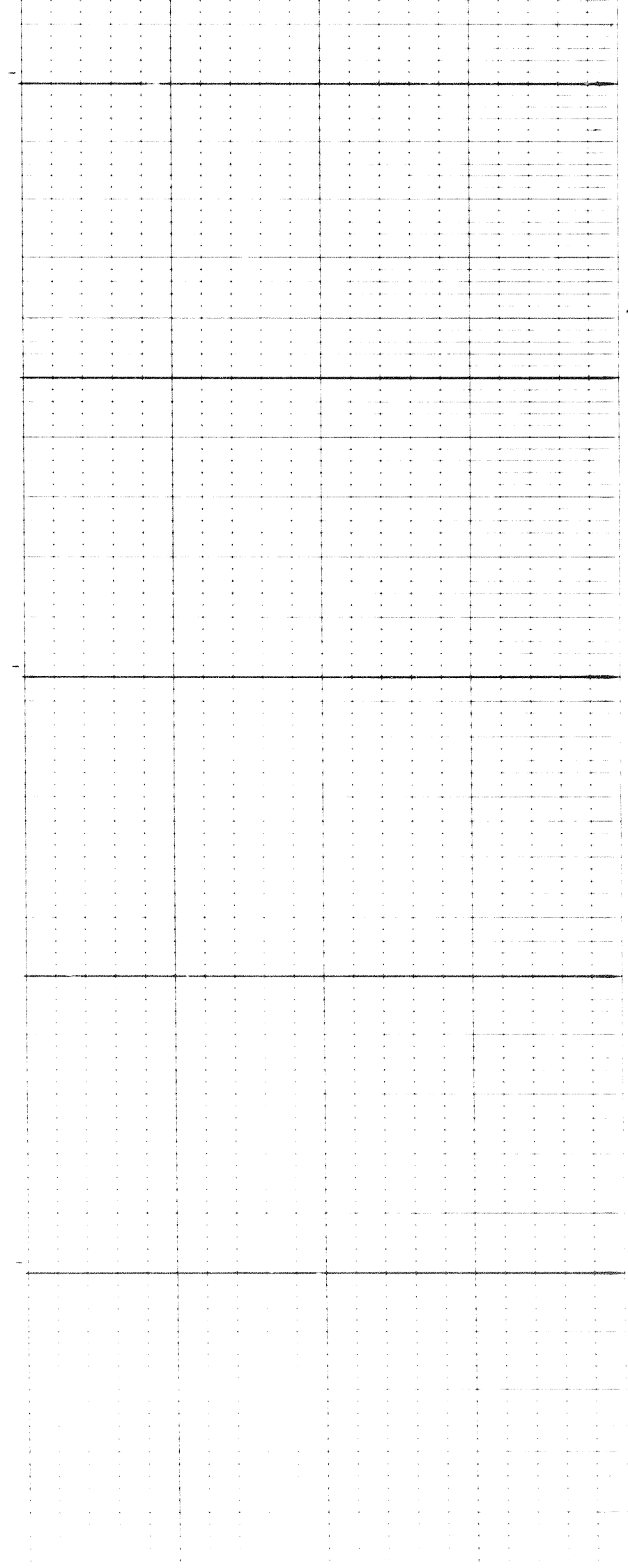
0100



0100

0200

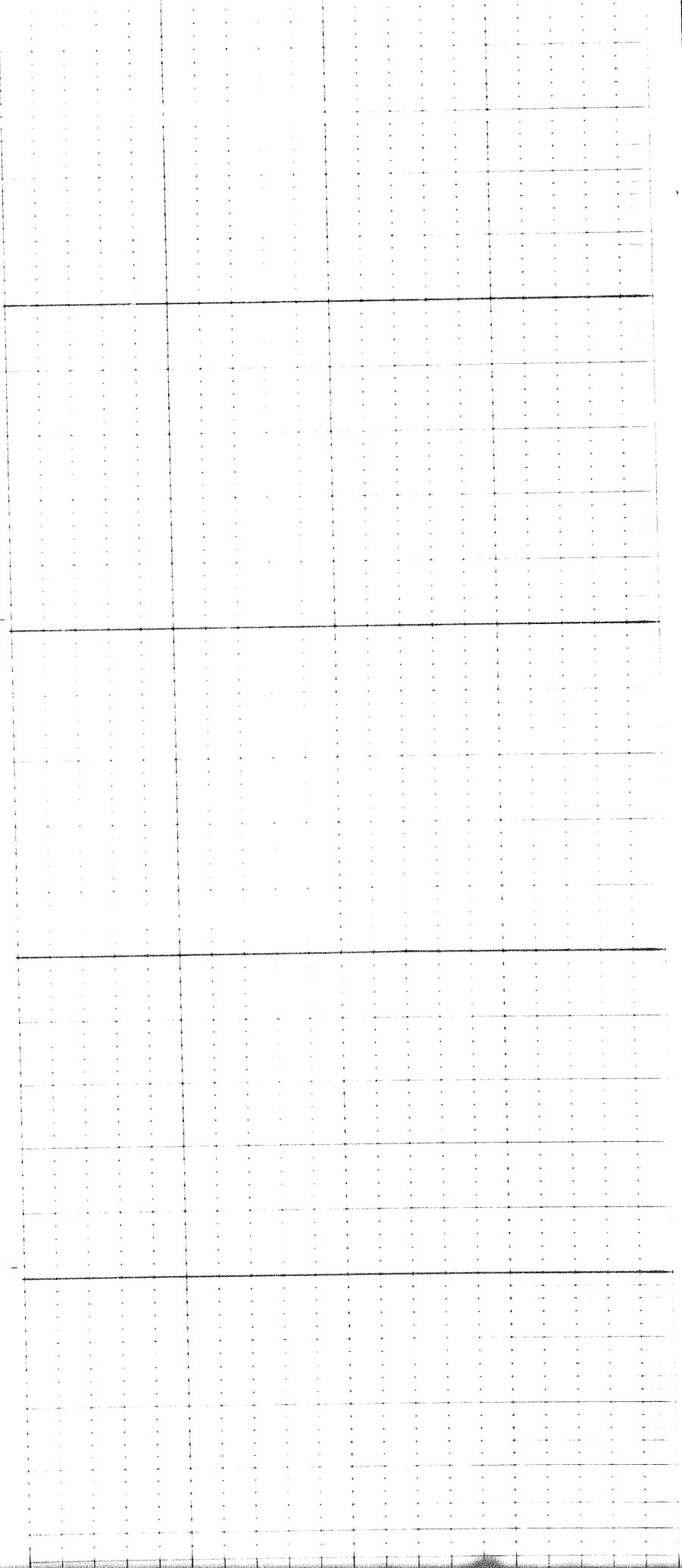
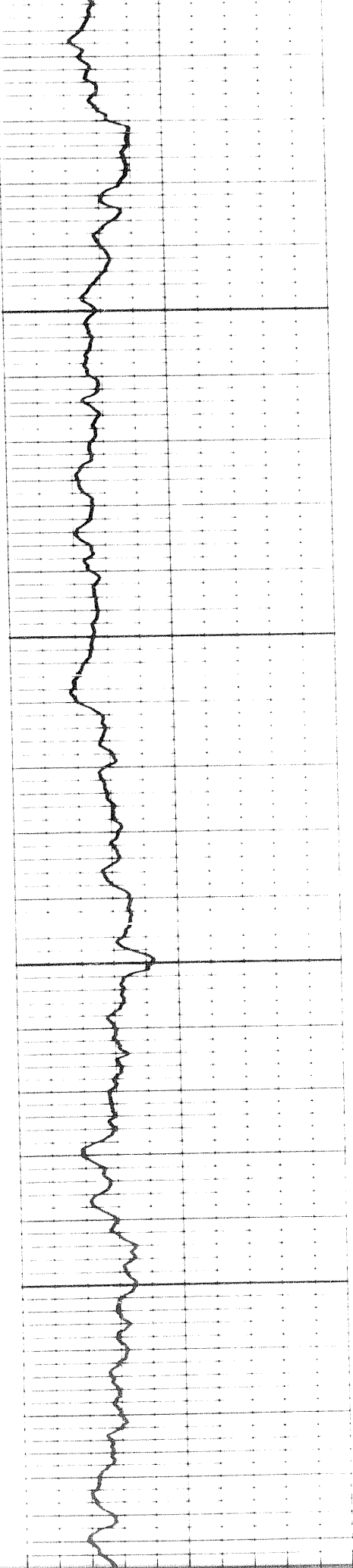
0300

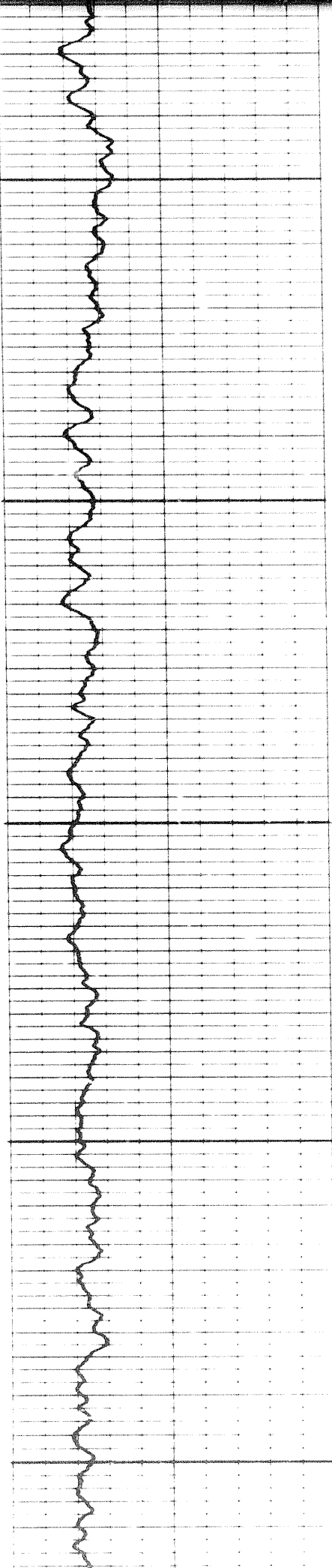


0

0400

0500

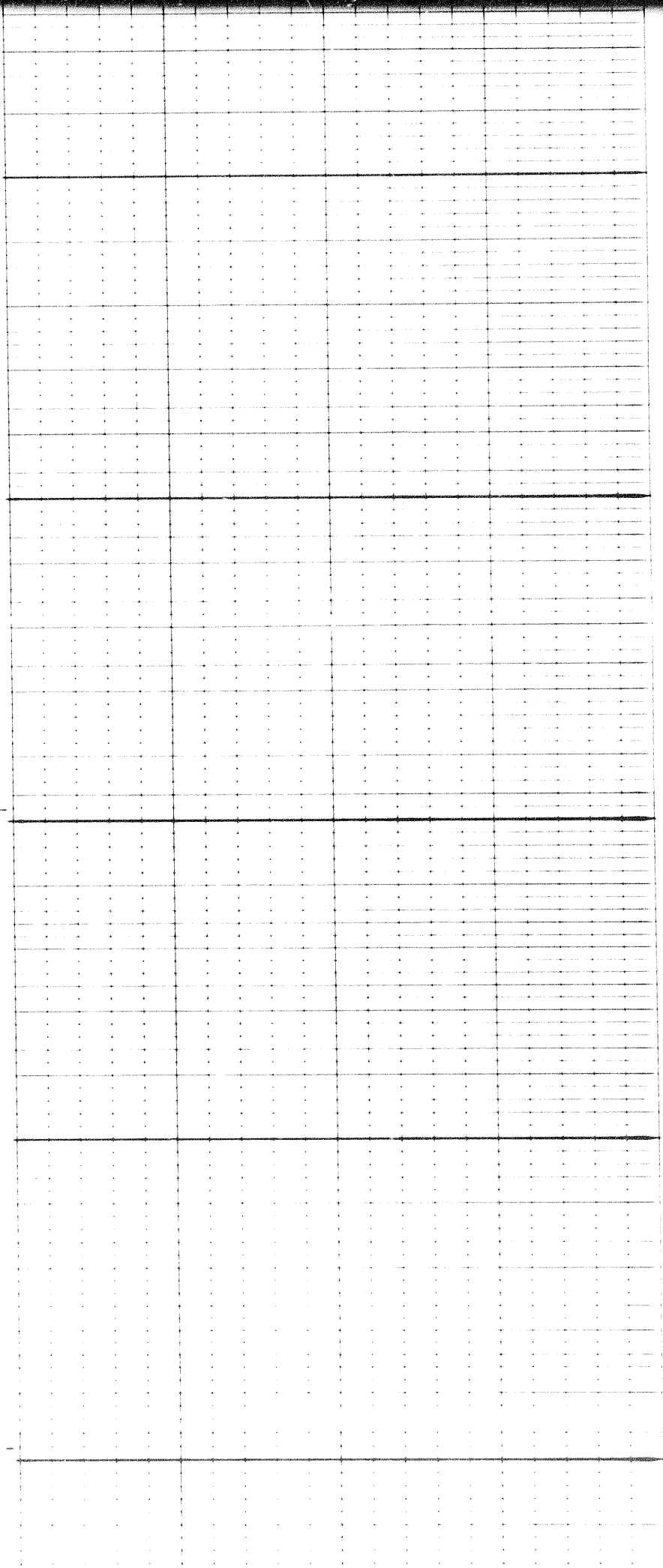


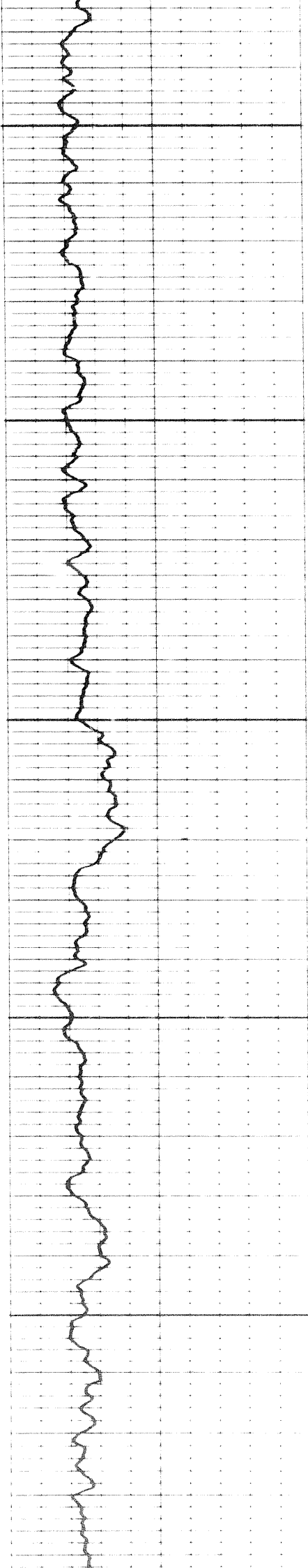


0500

0600

0700

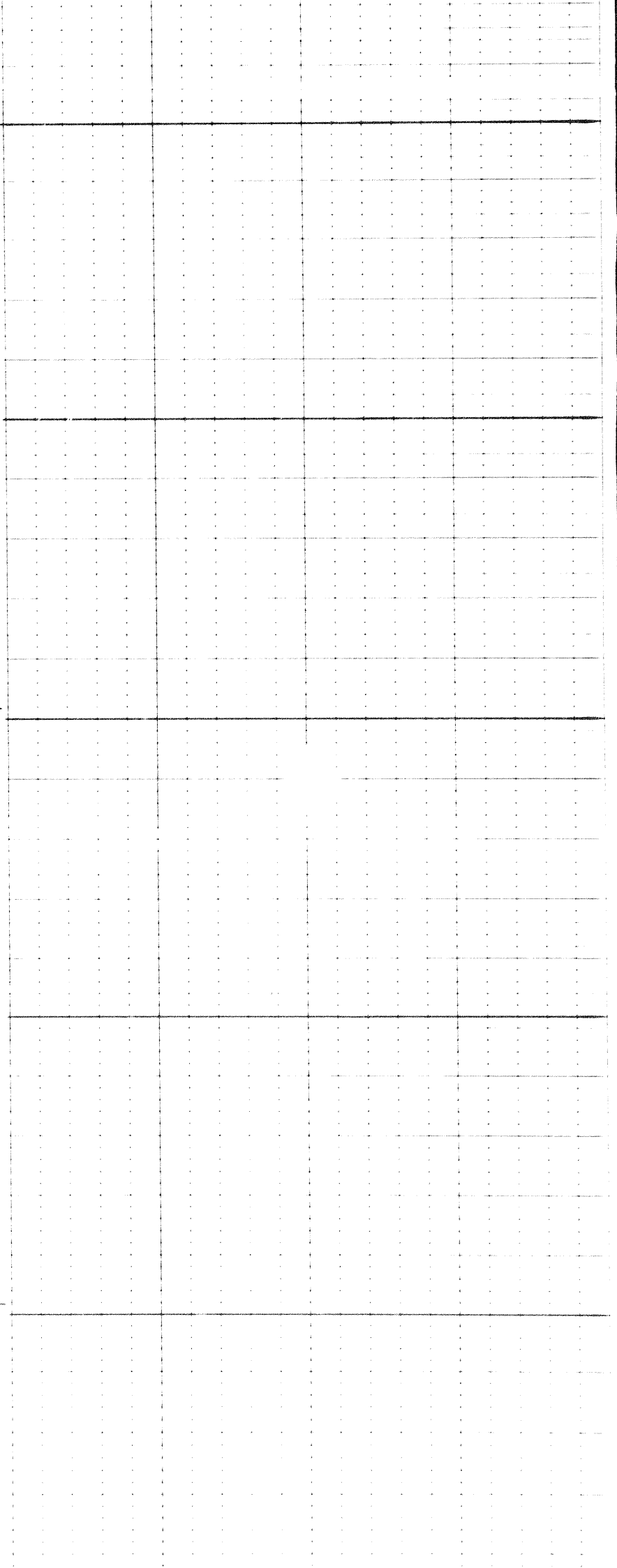




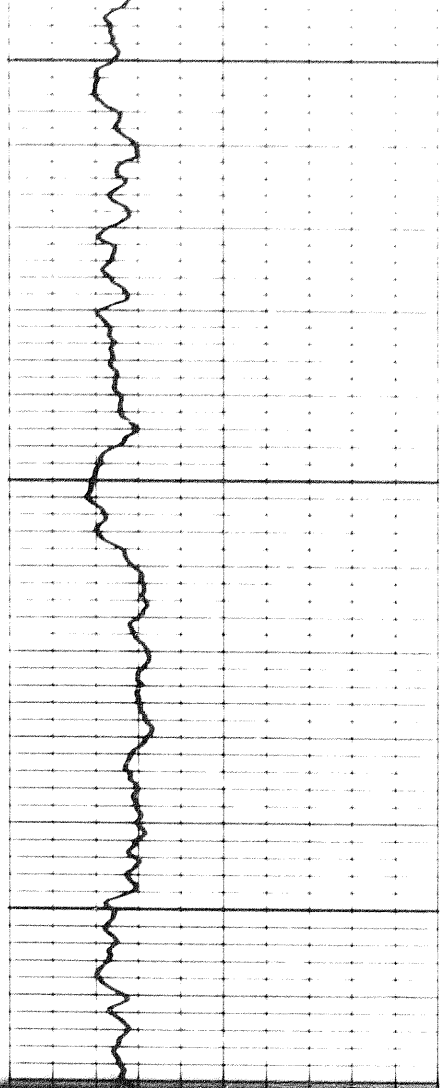
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0800

0900

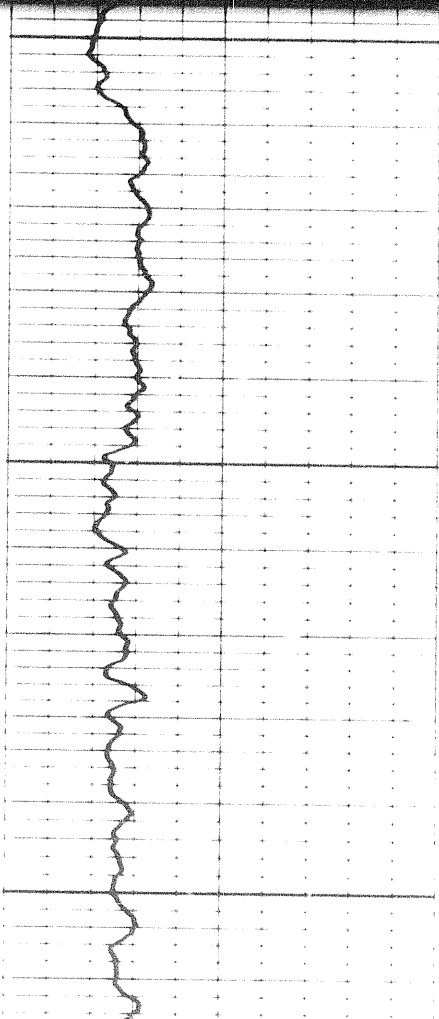
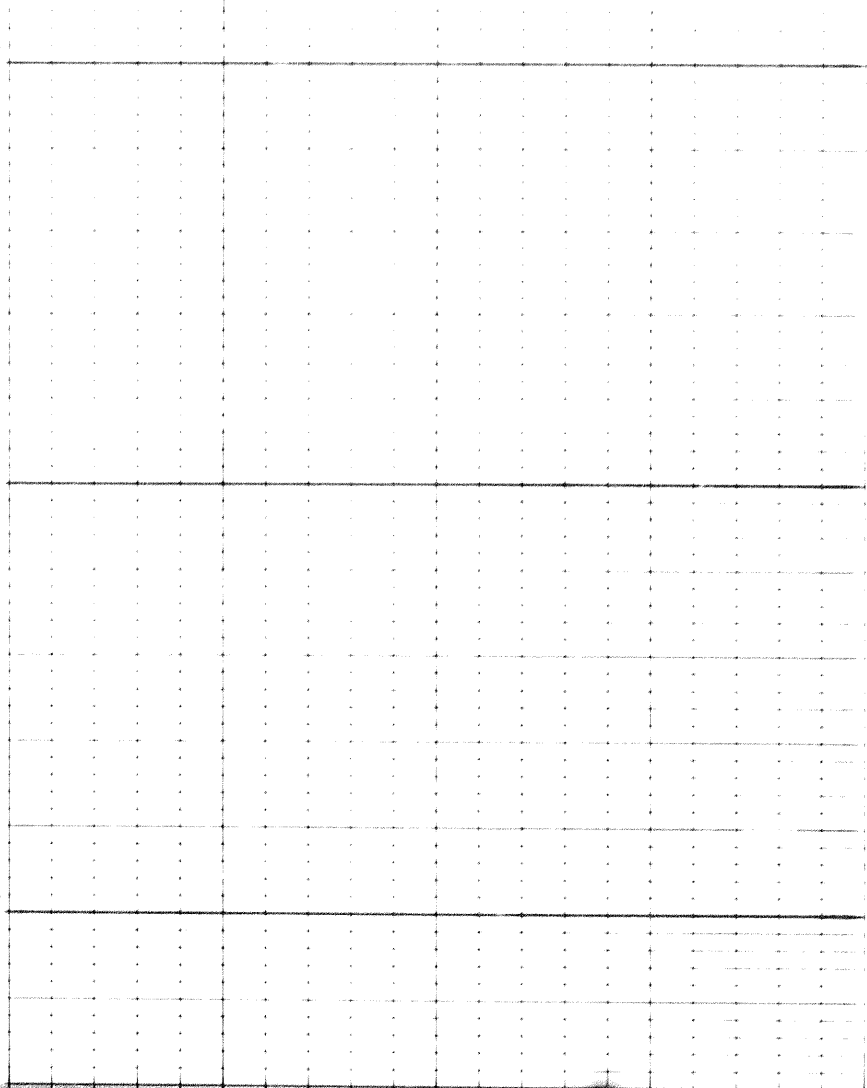


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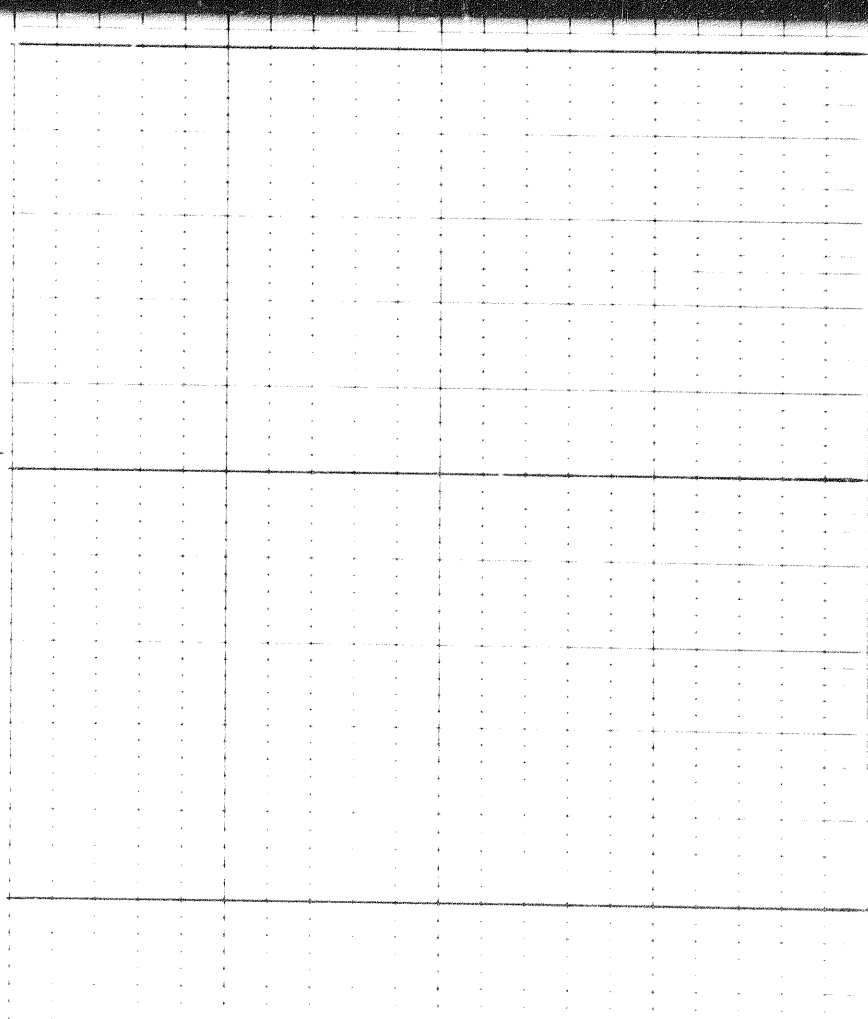


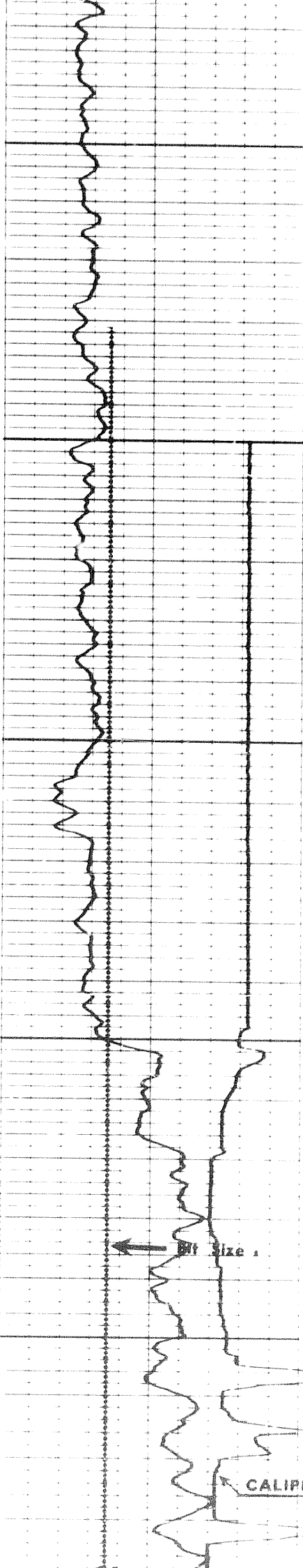
0060

0001



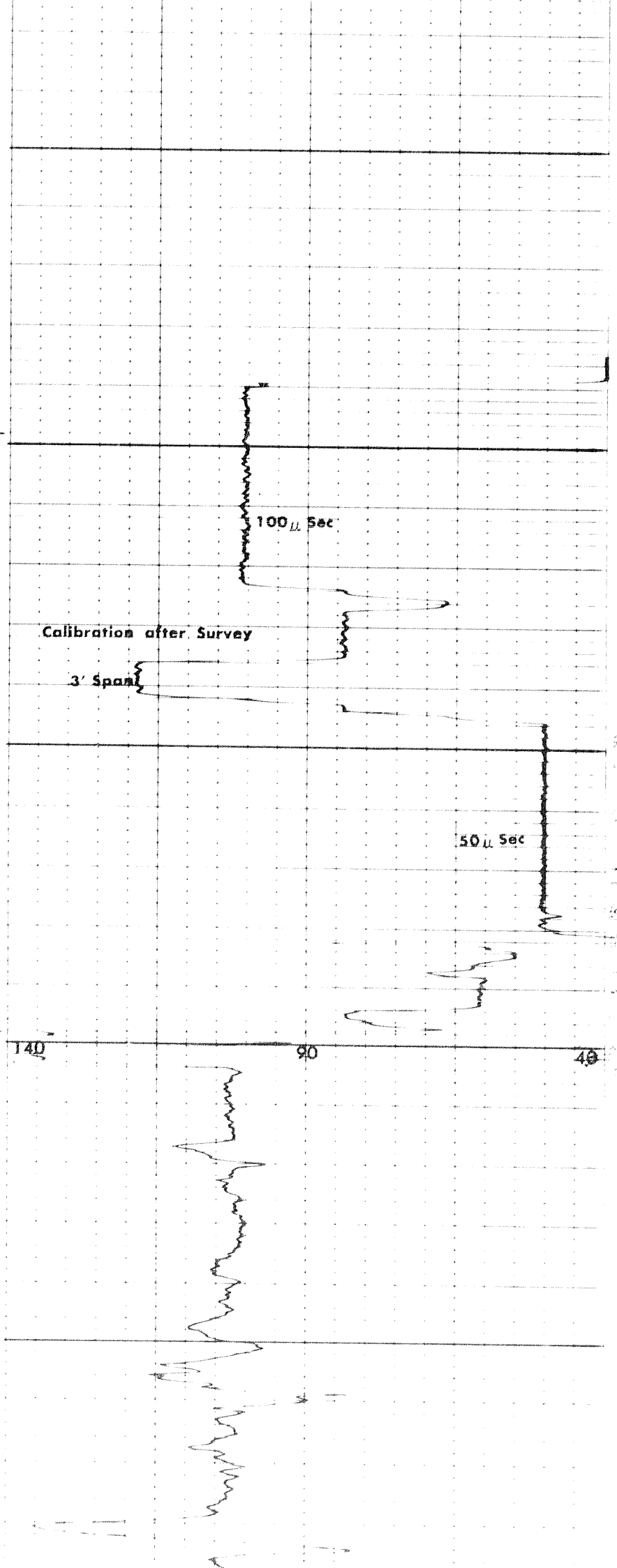
0001





1100

1200



100 μ Sec

Calibration after Survey

3' Span

50 μ Sec

140

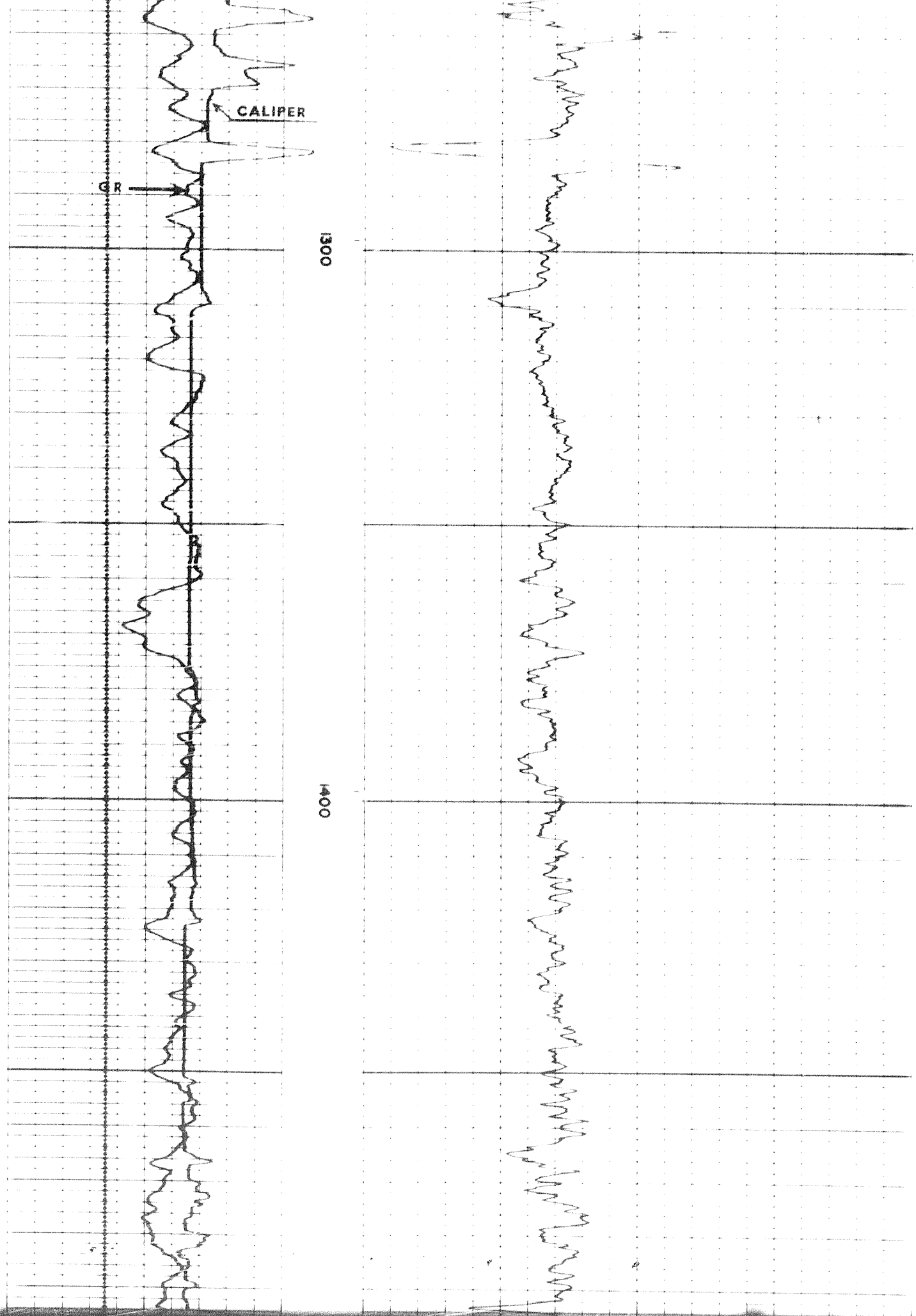
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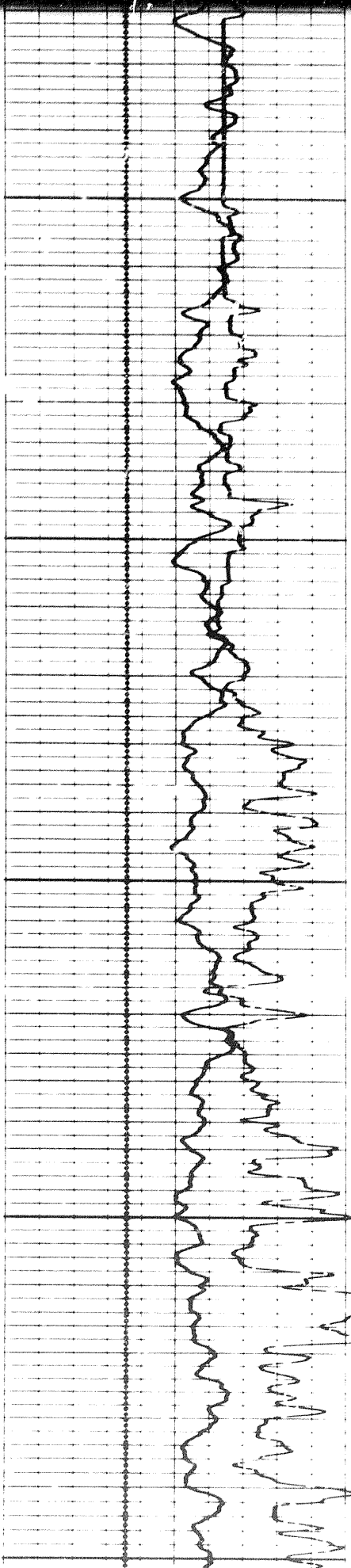
40

CALIPER

Bit Size

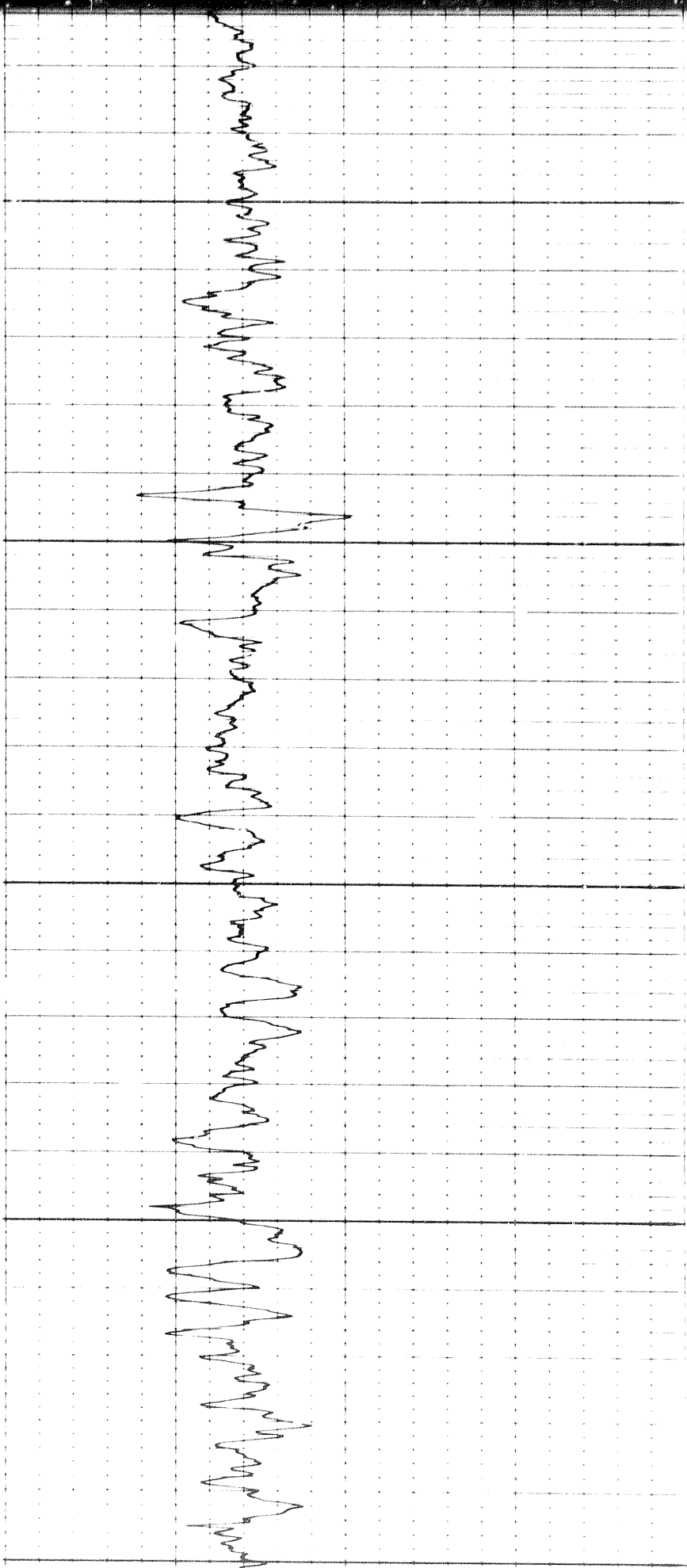
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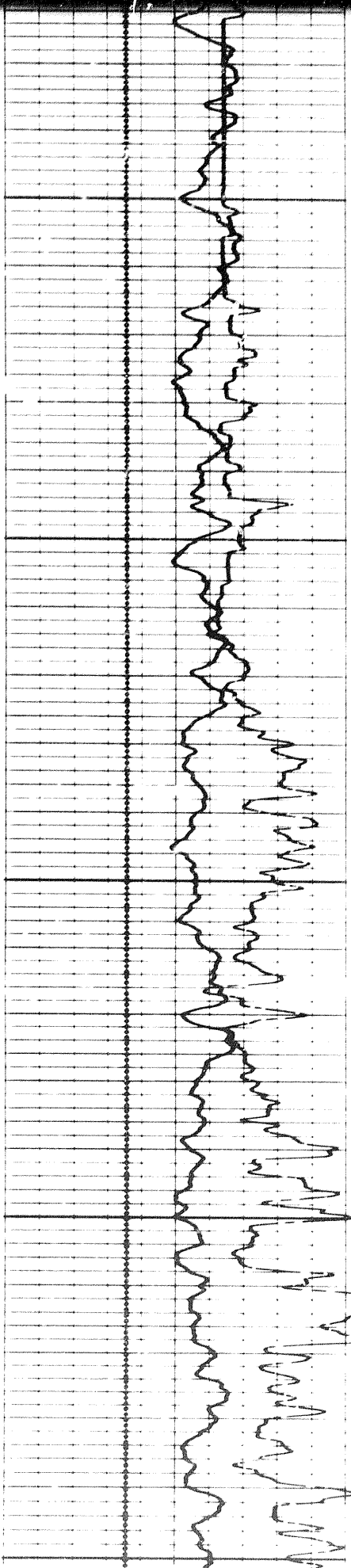




1500

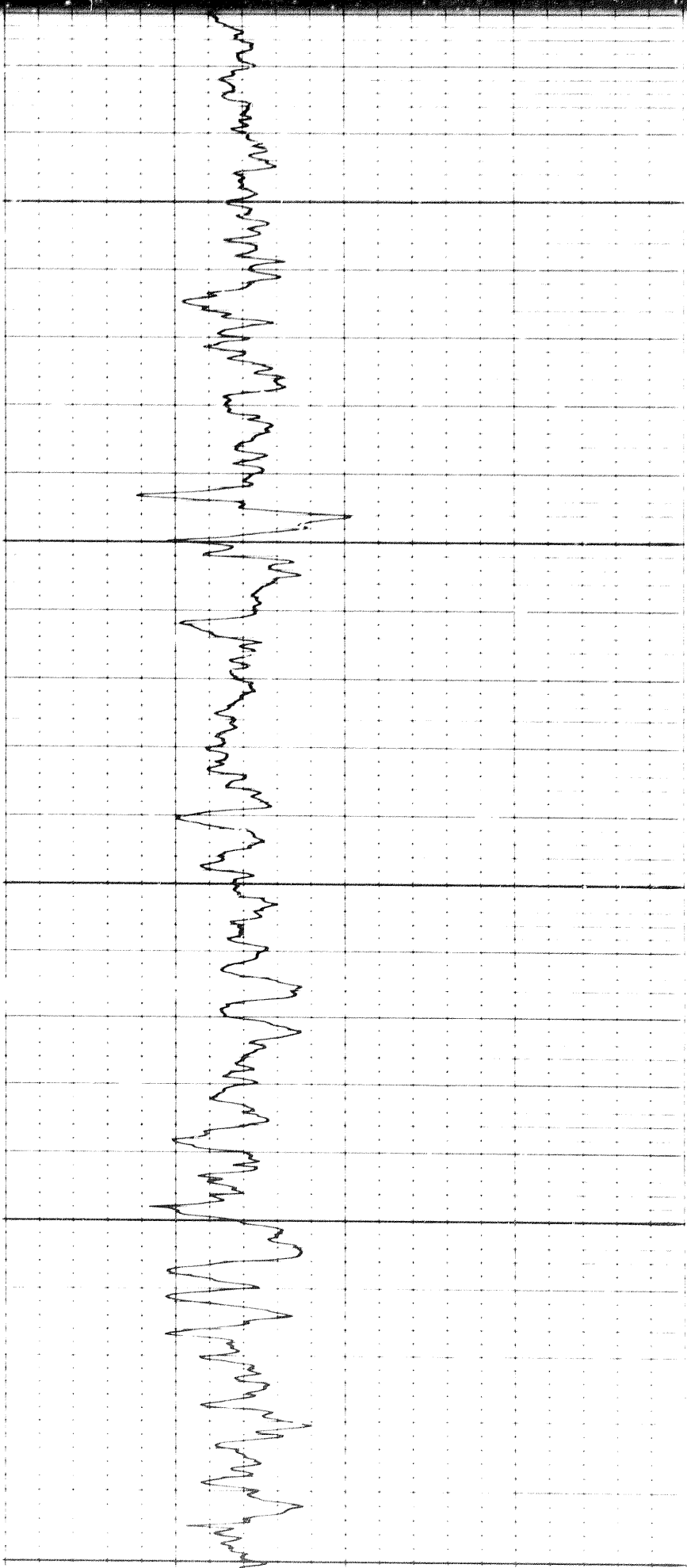
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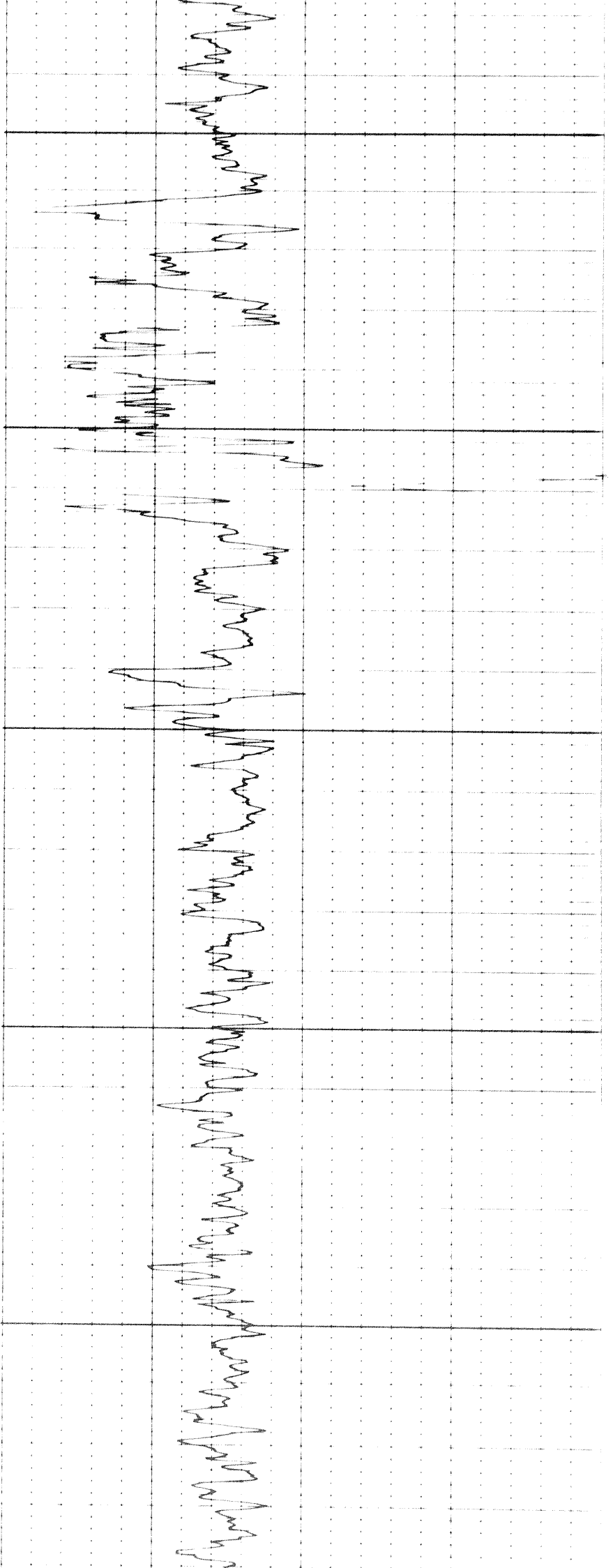




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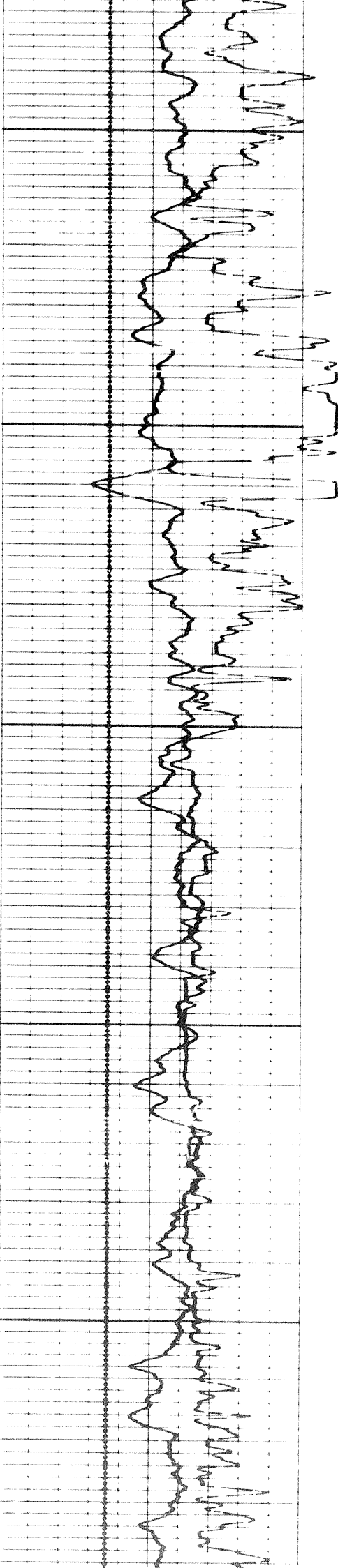
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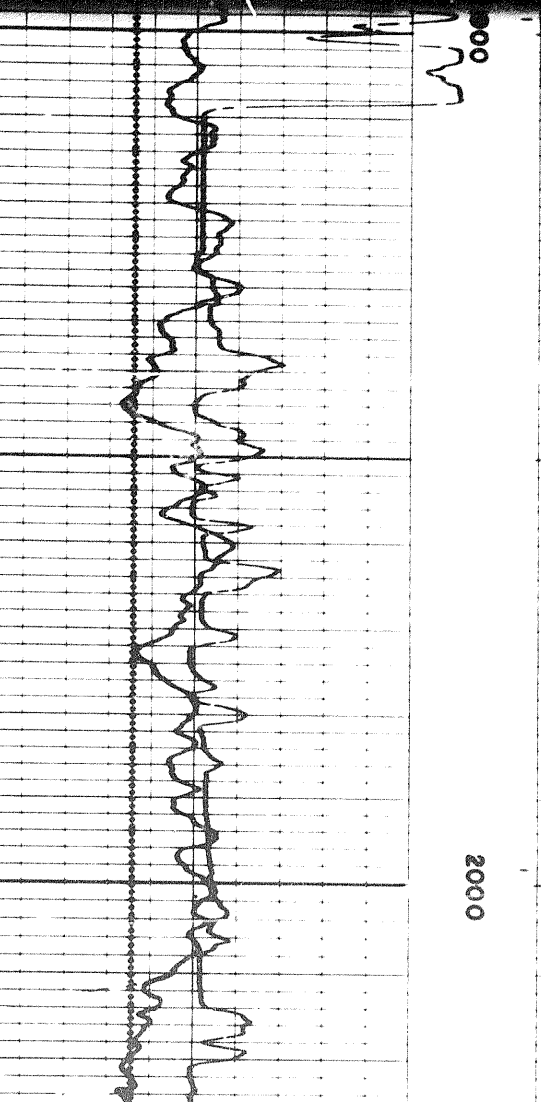
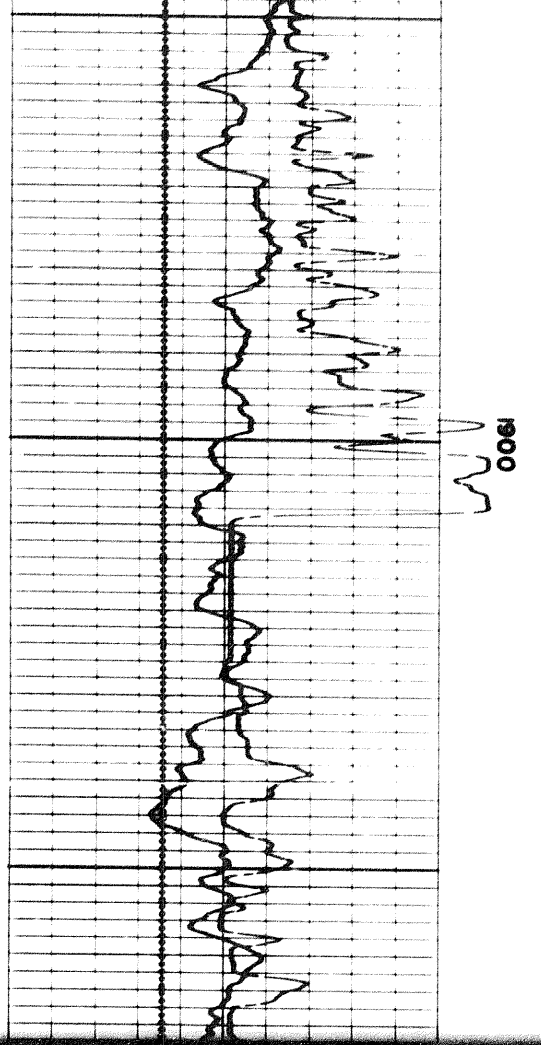
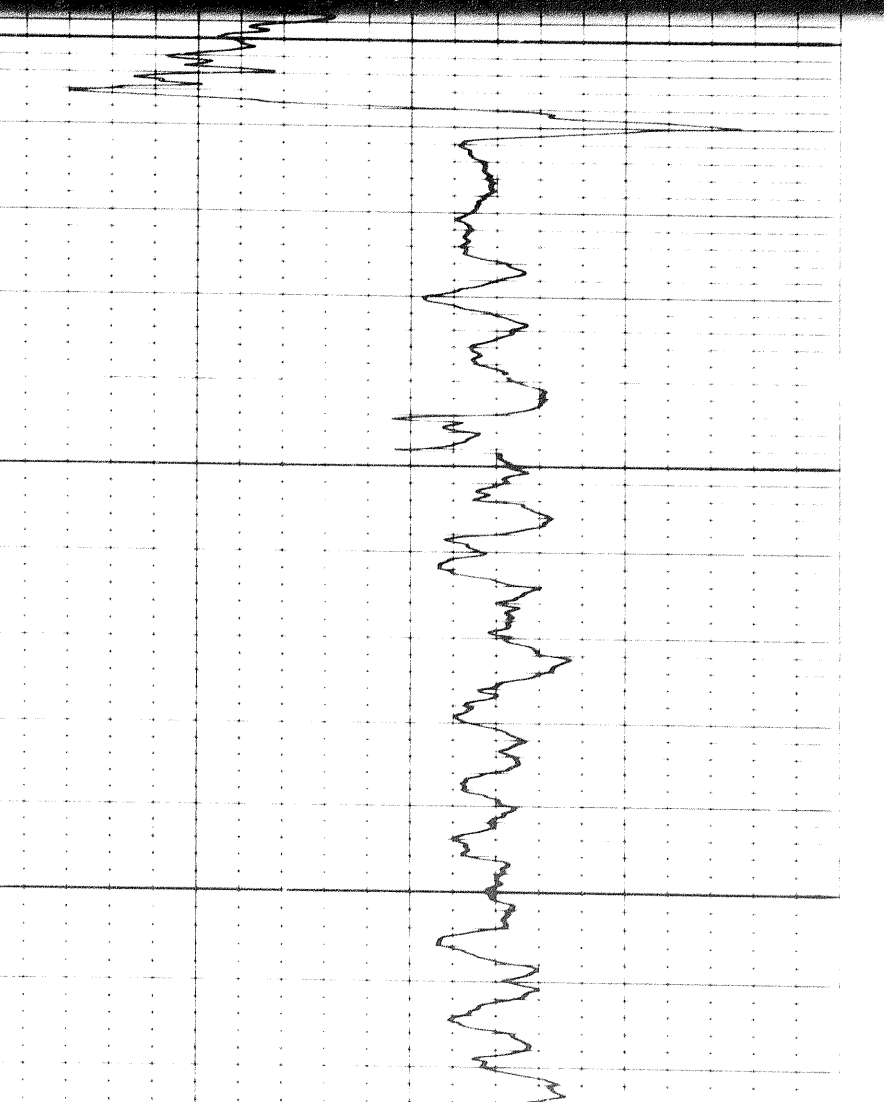
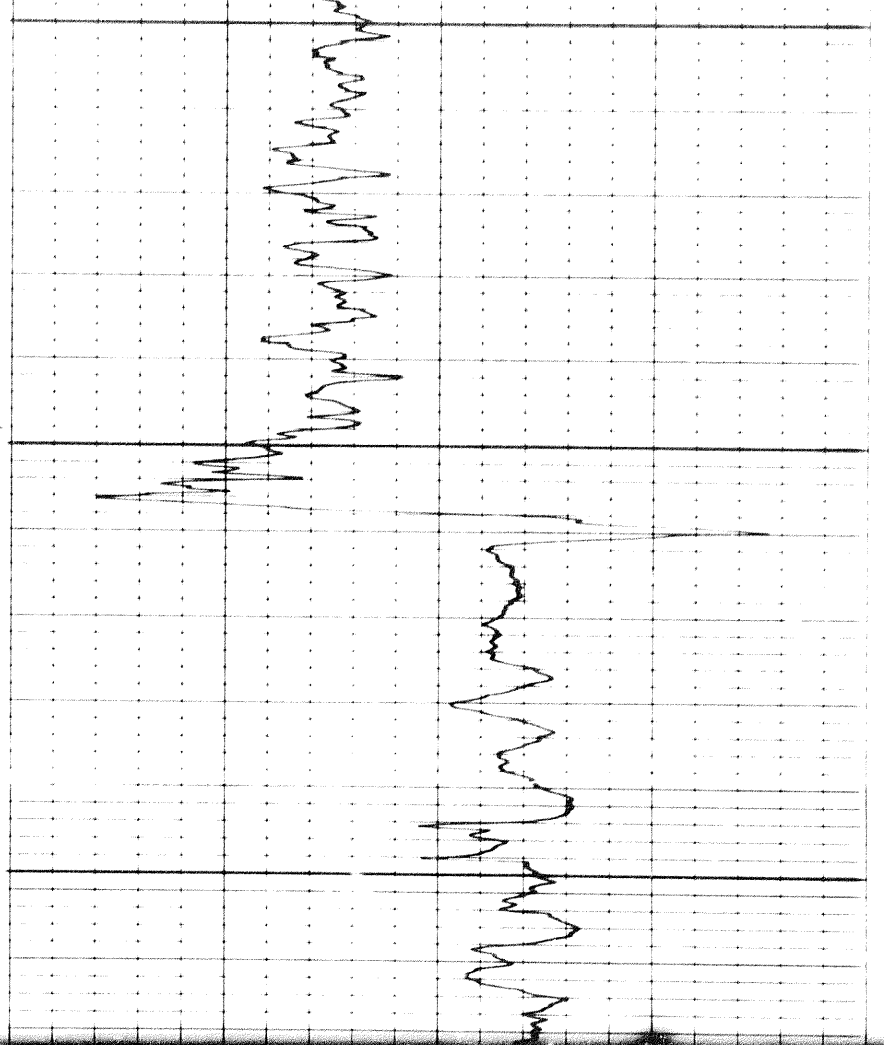


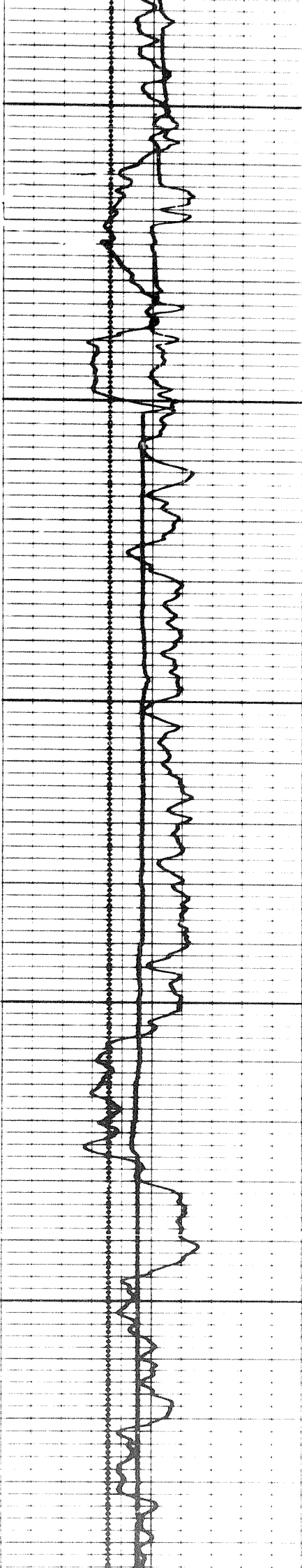


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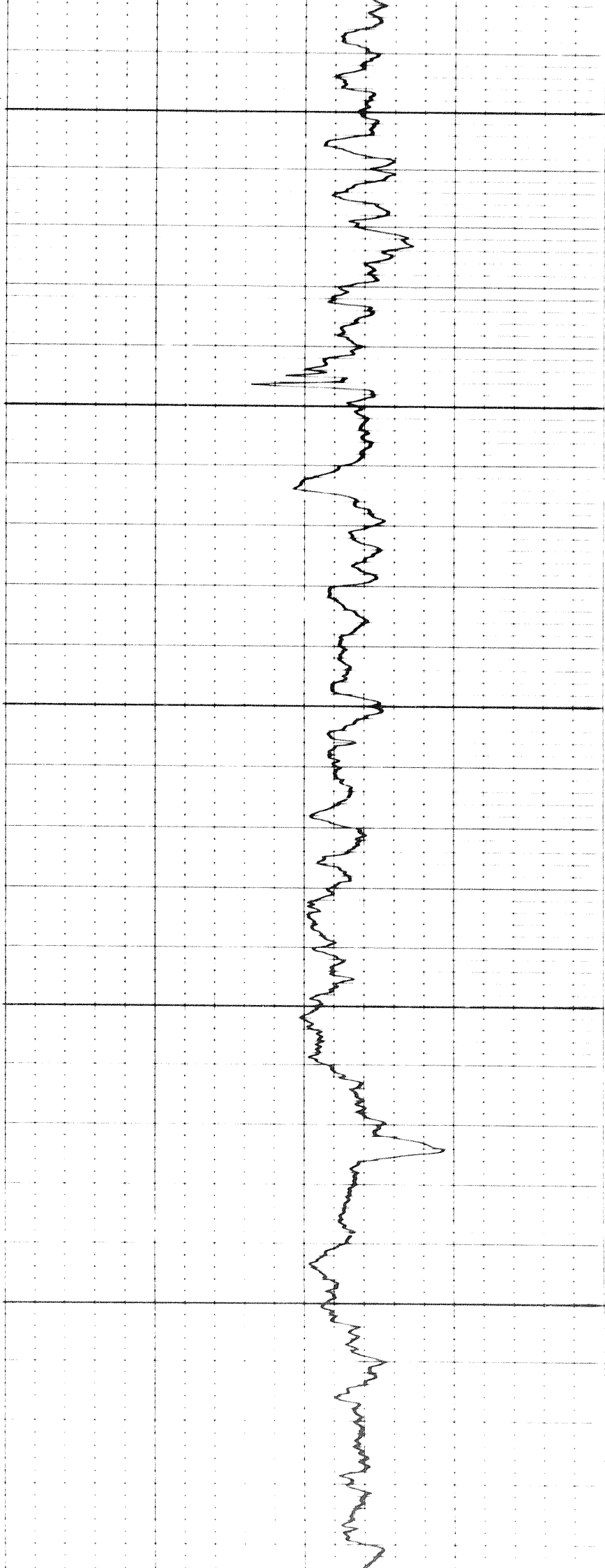


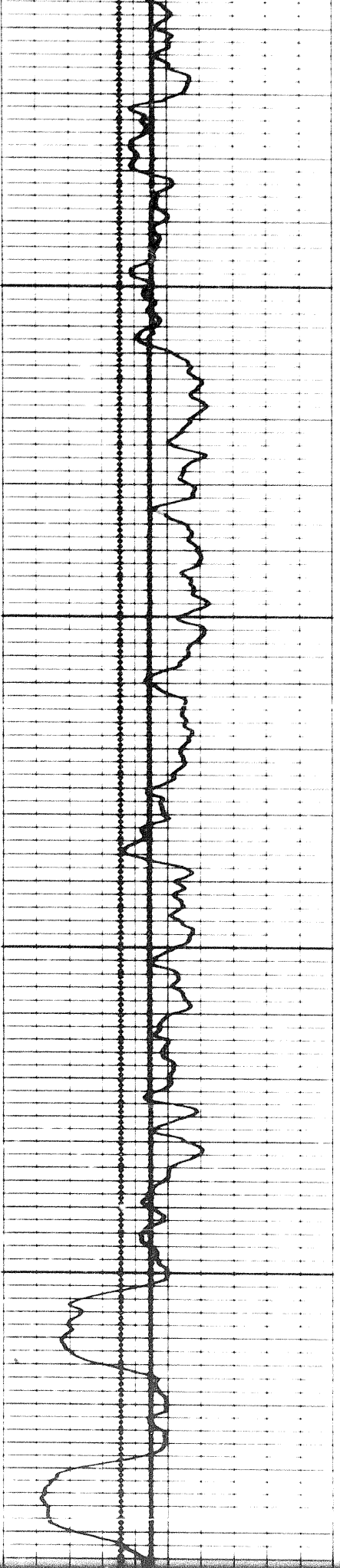


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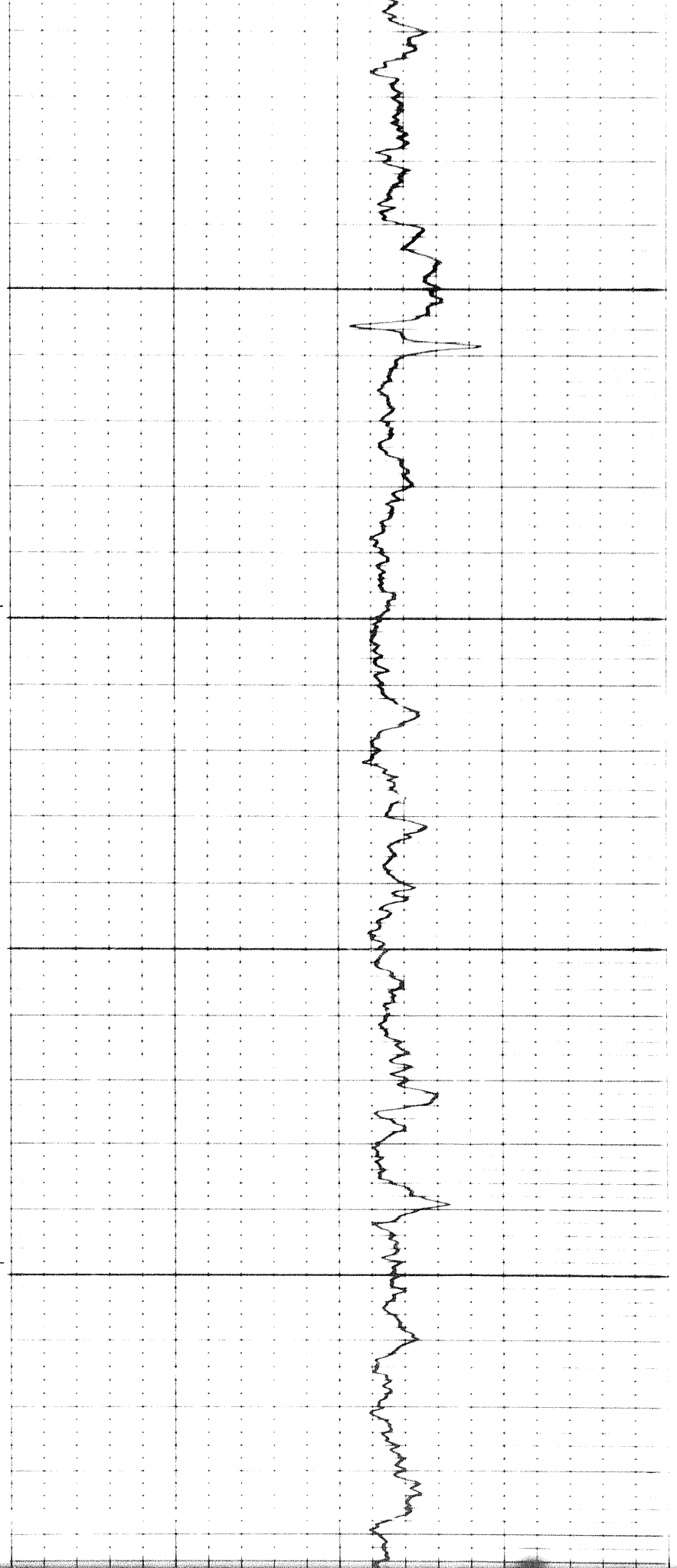
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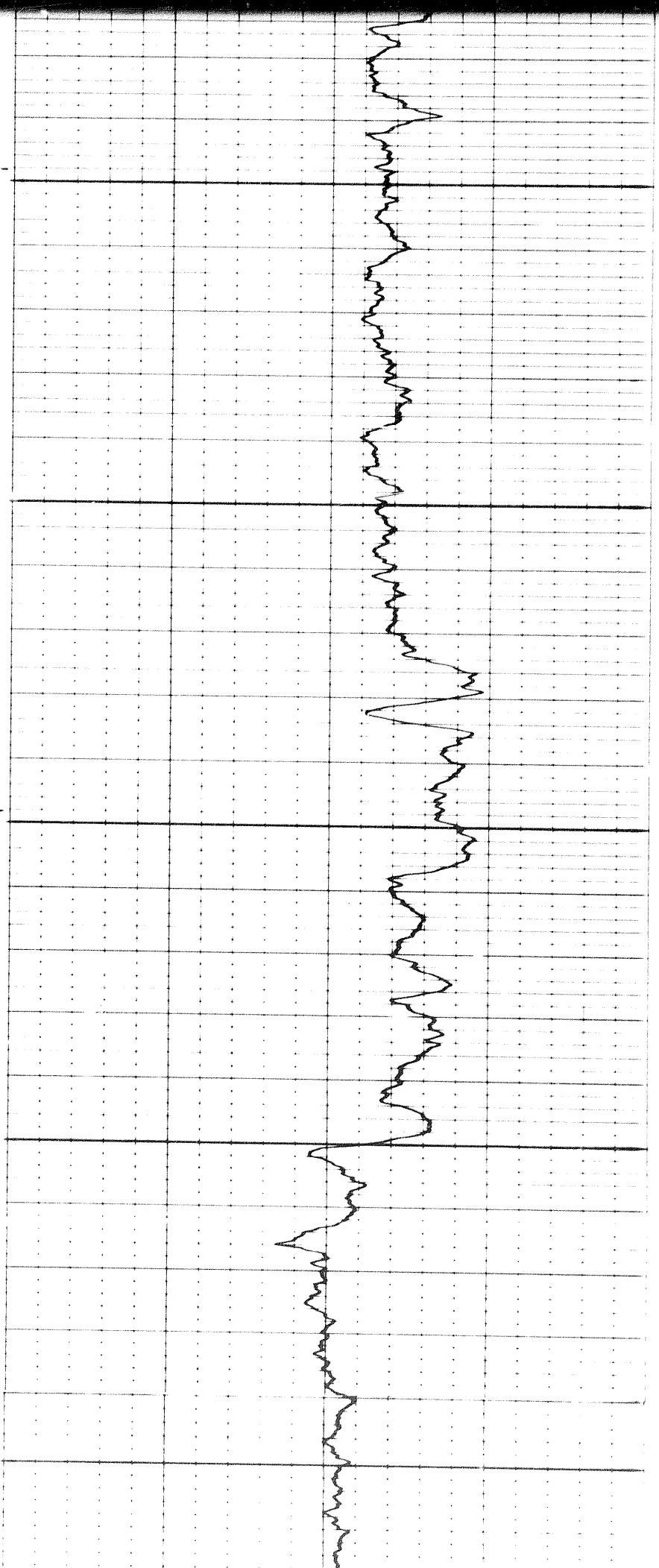
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12/11/87 11:15 AM

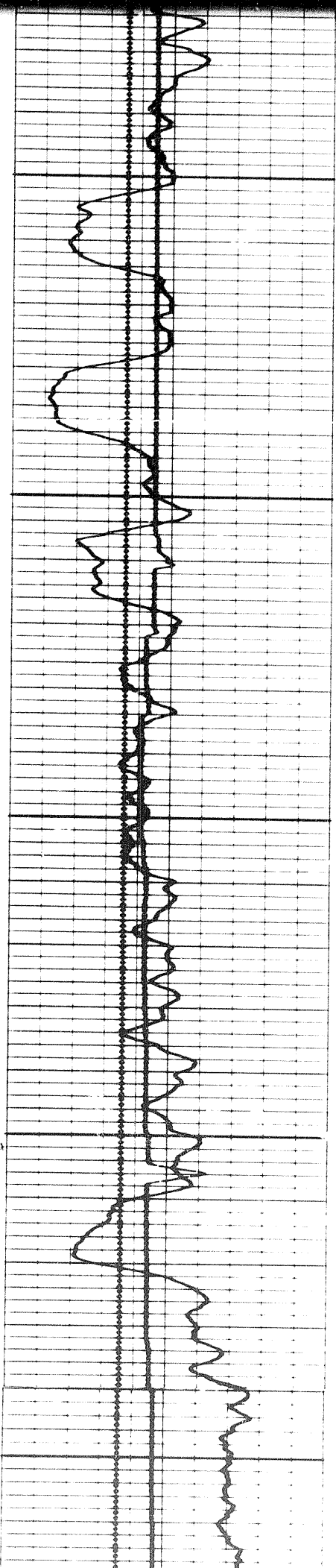
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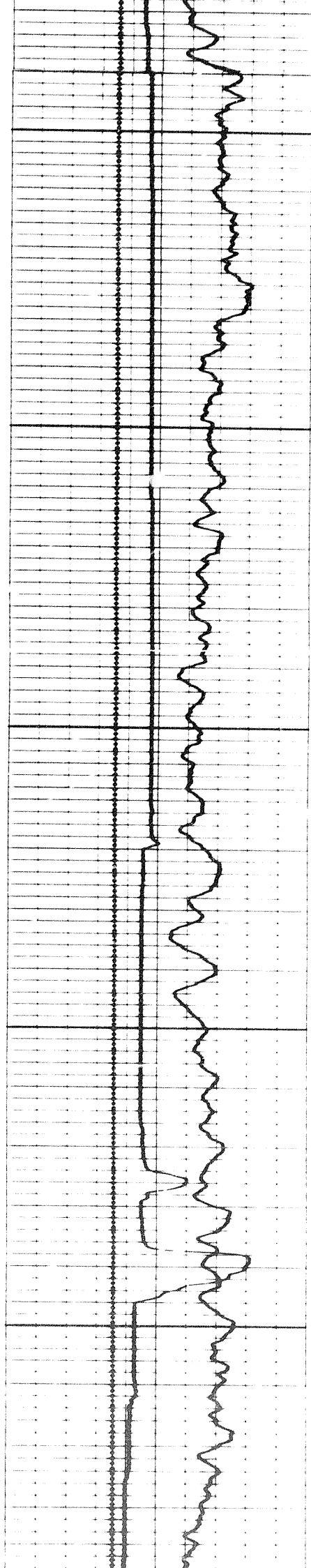


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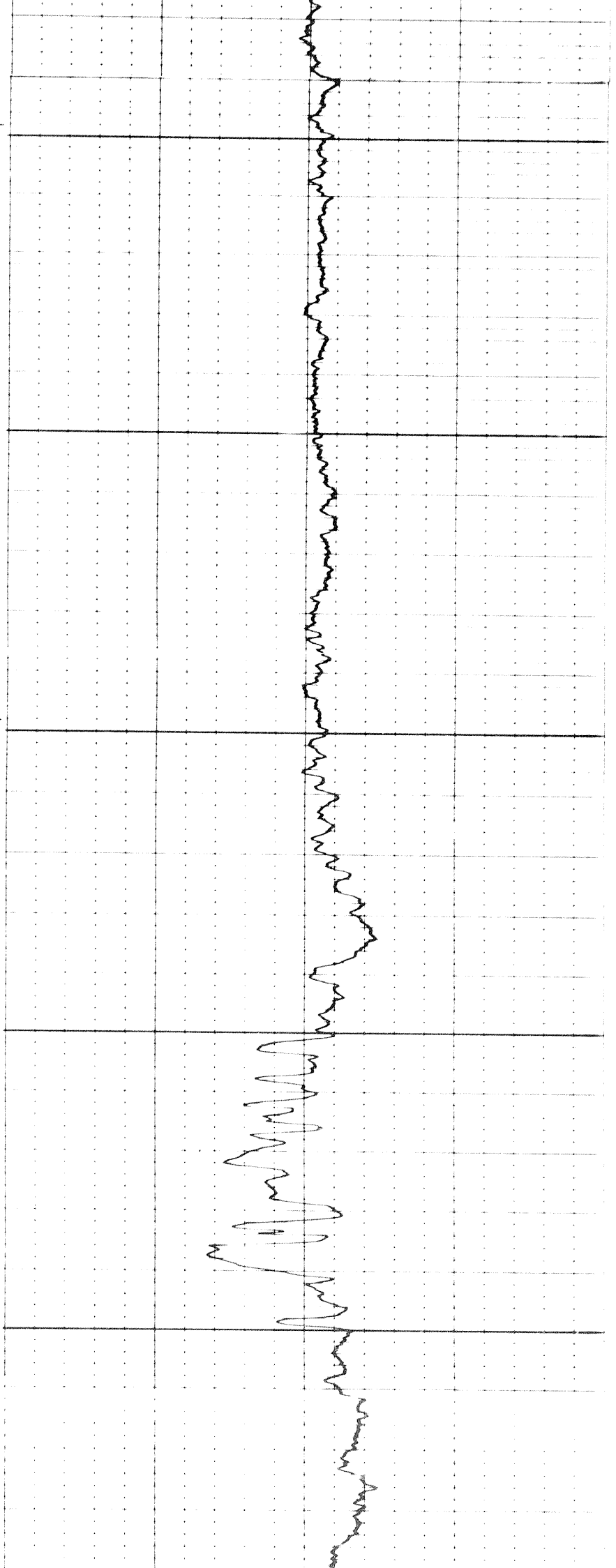




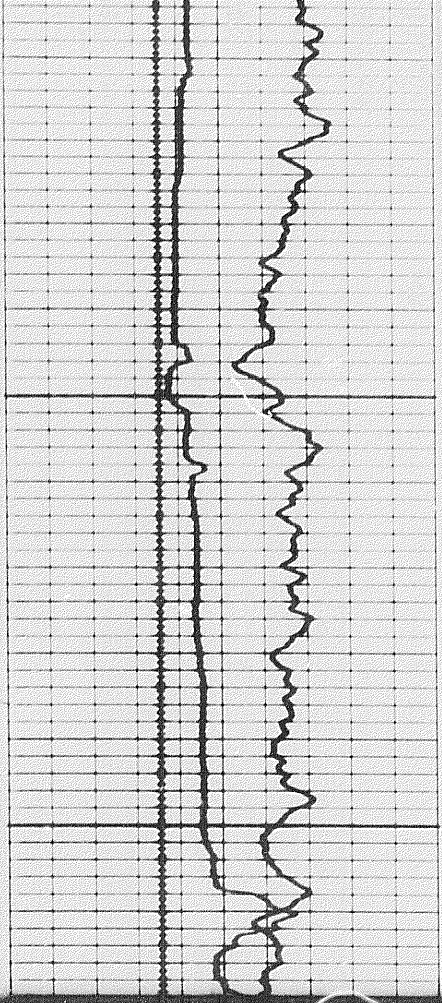
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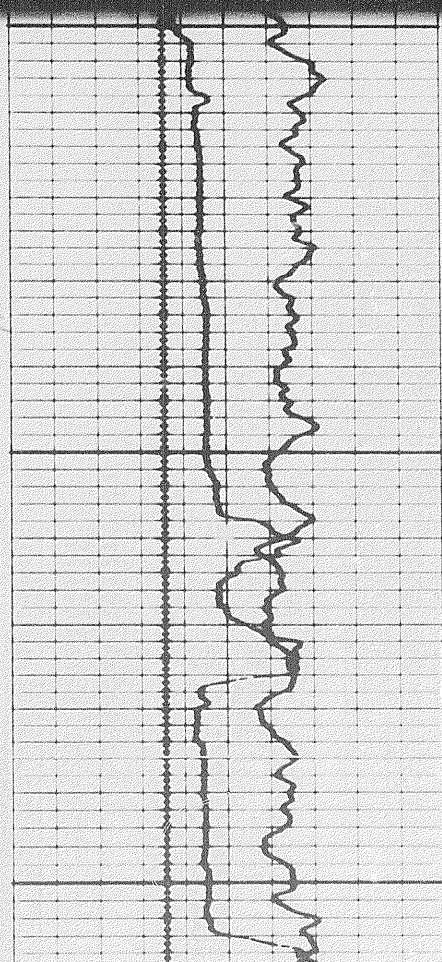
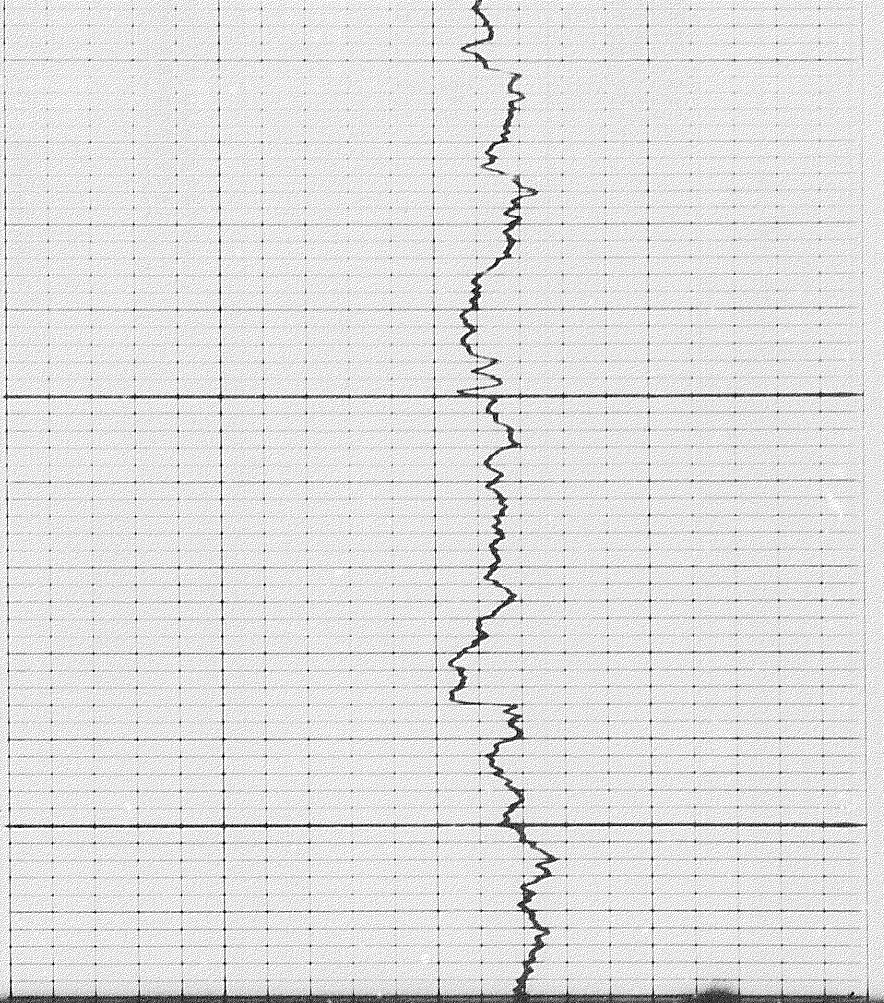
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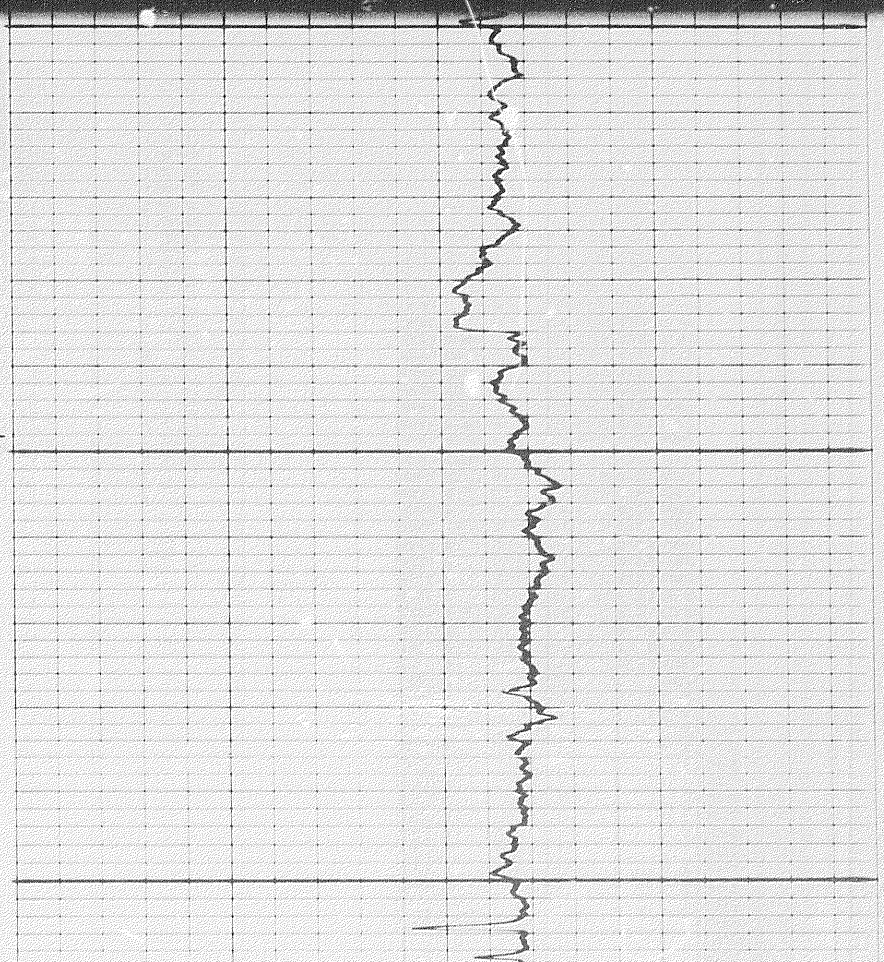
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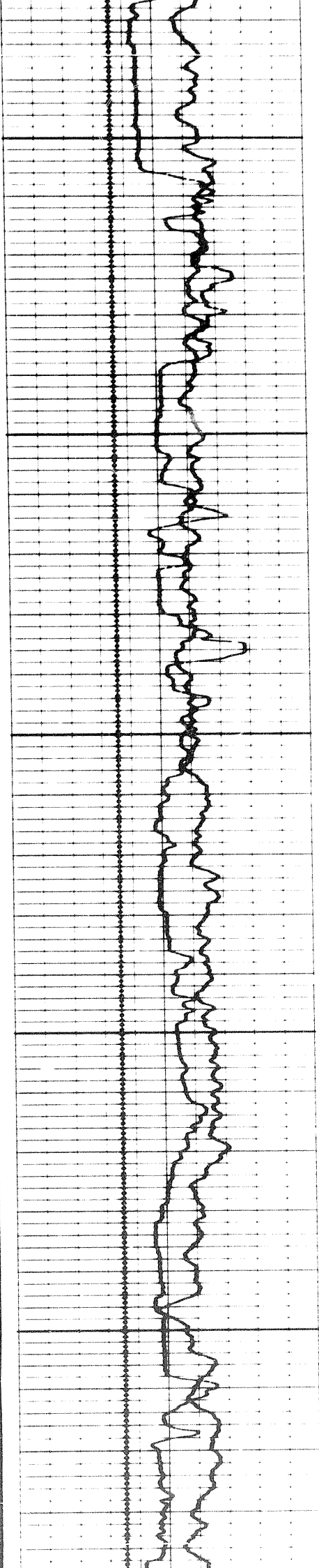


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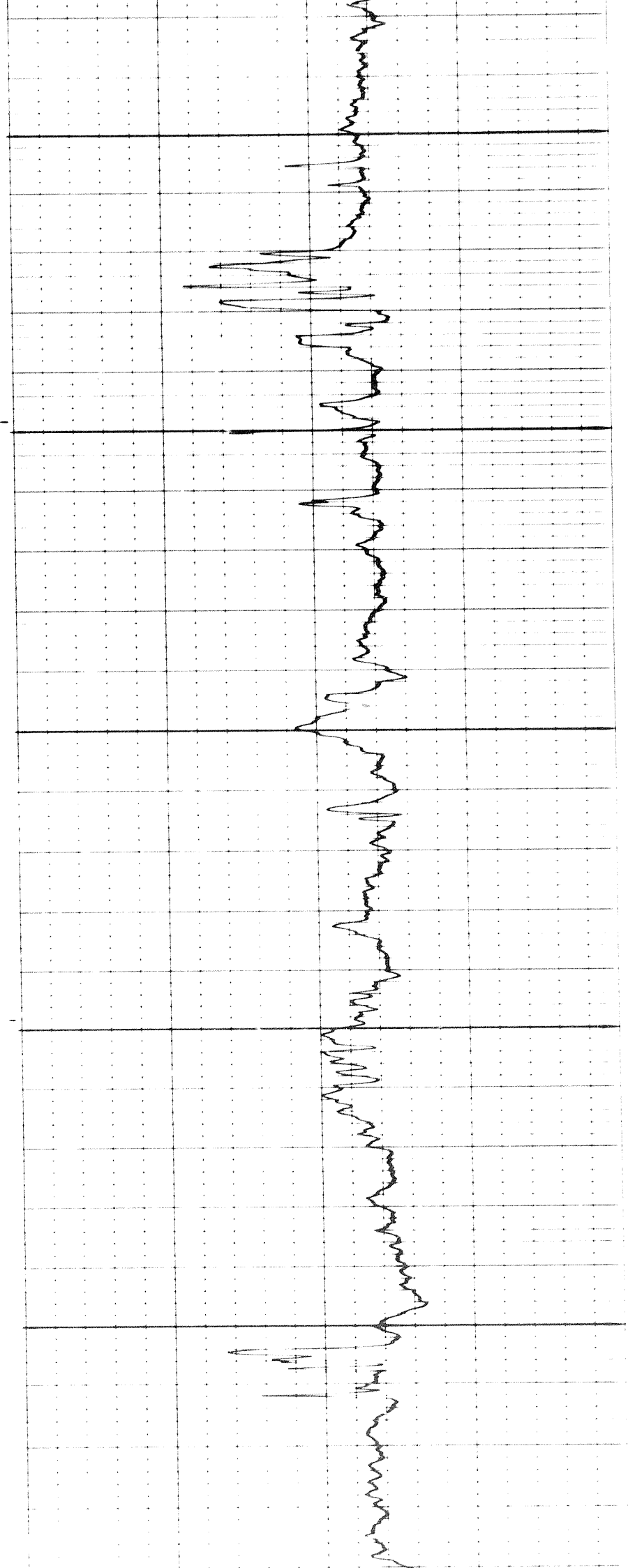
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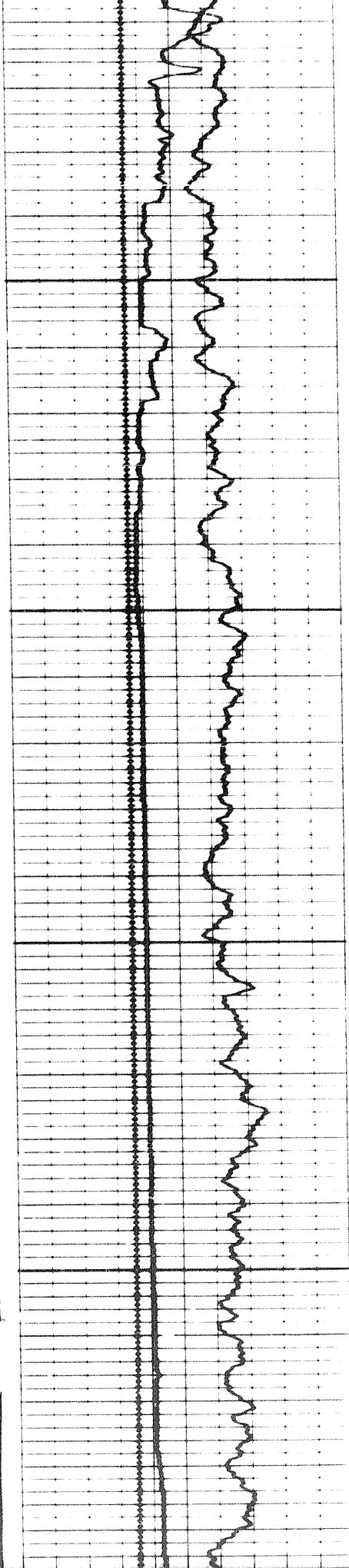


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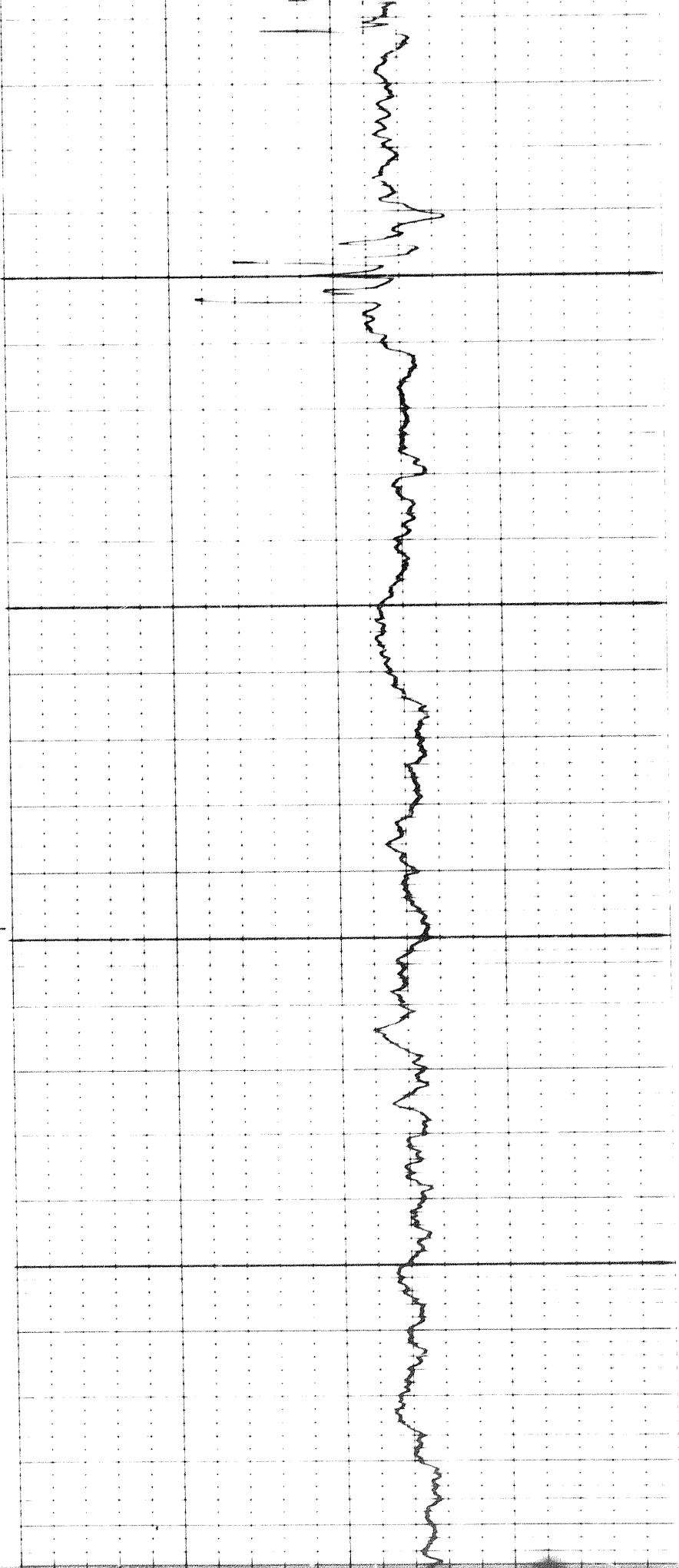


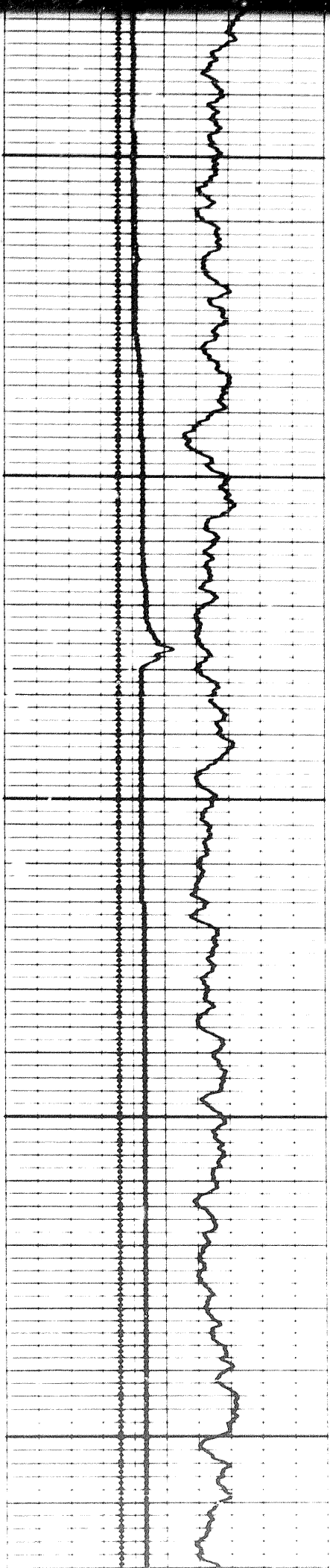
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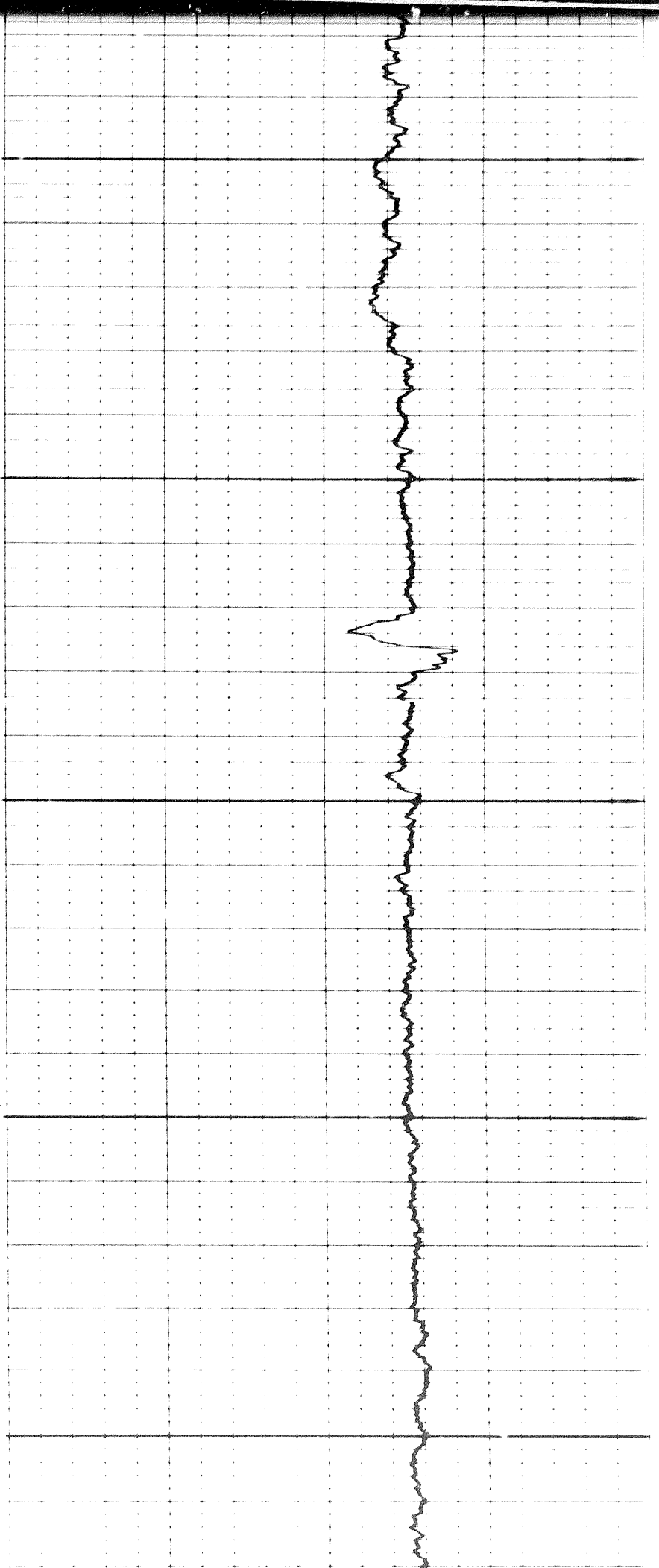
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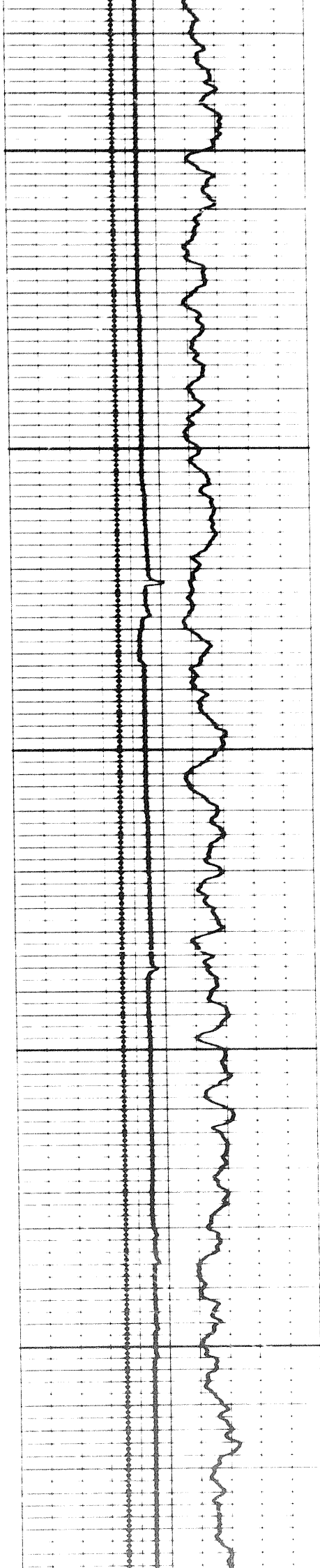




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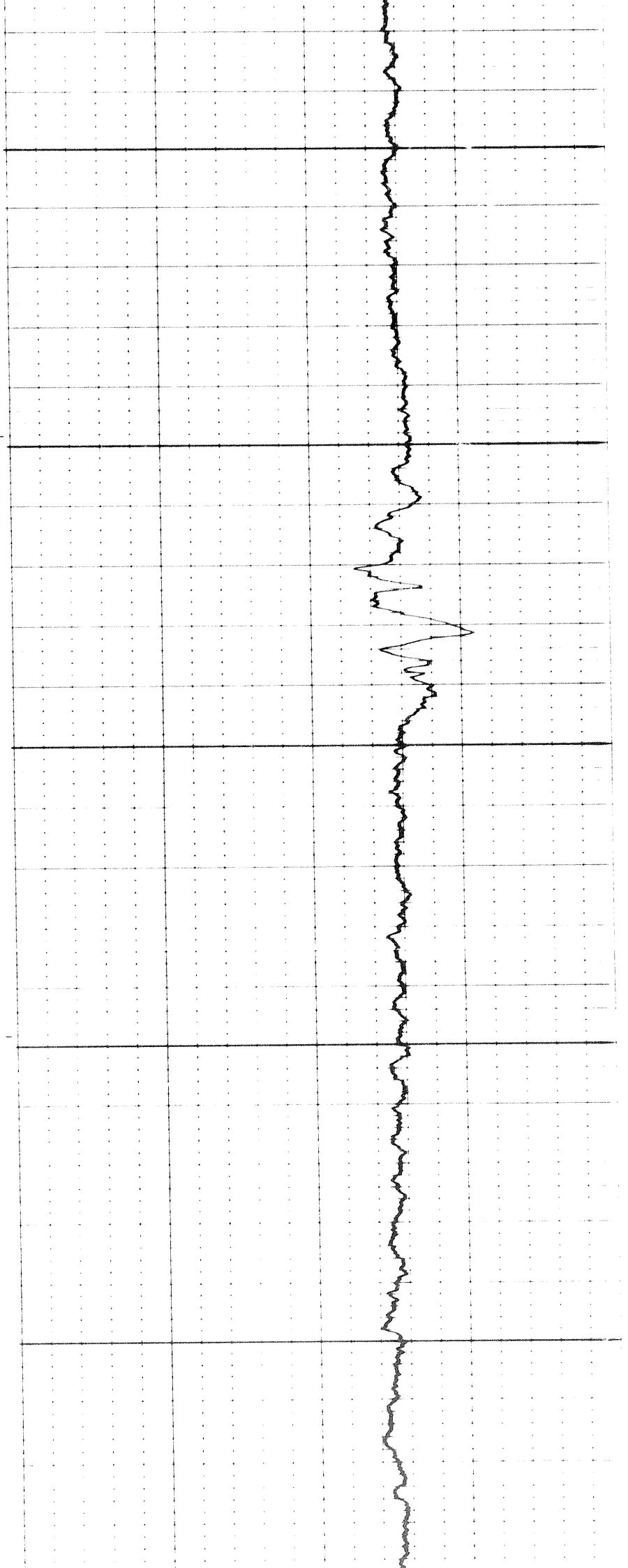
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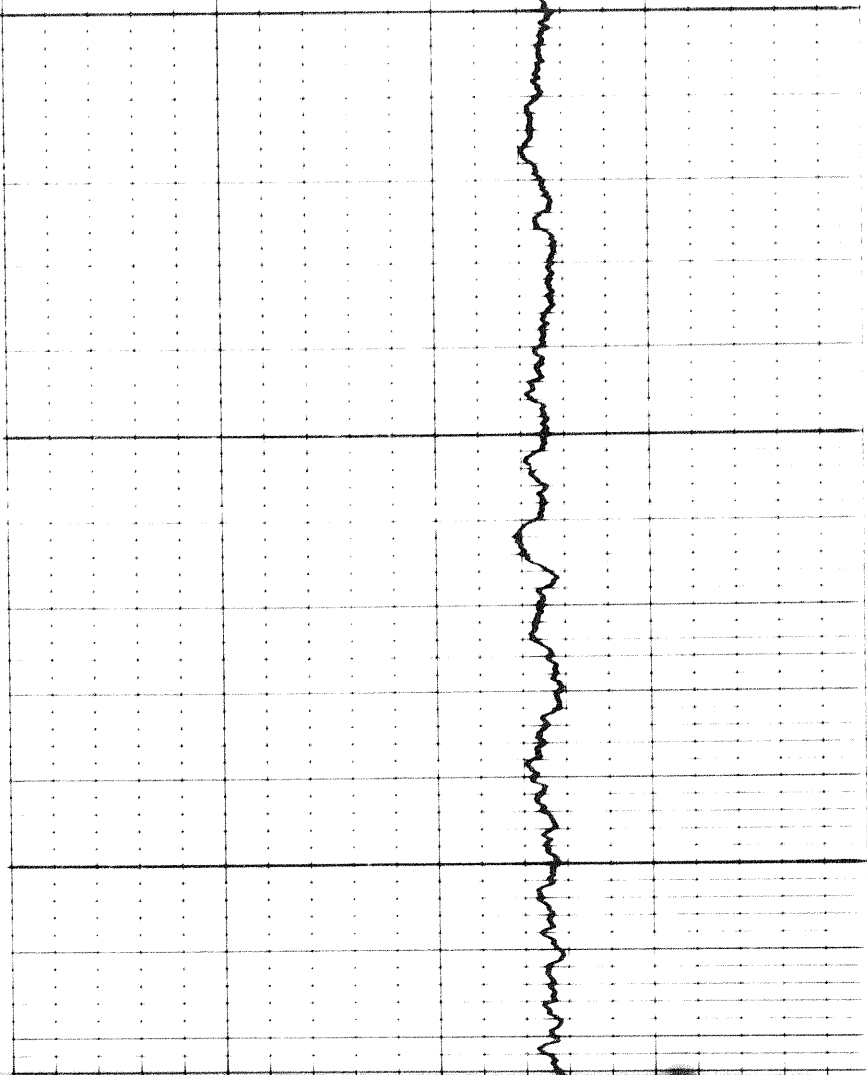
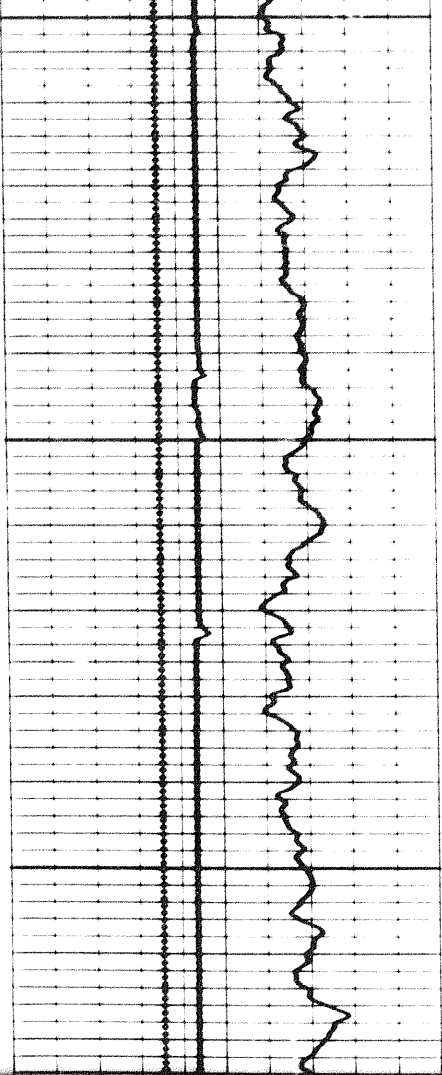


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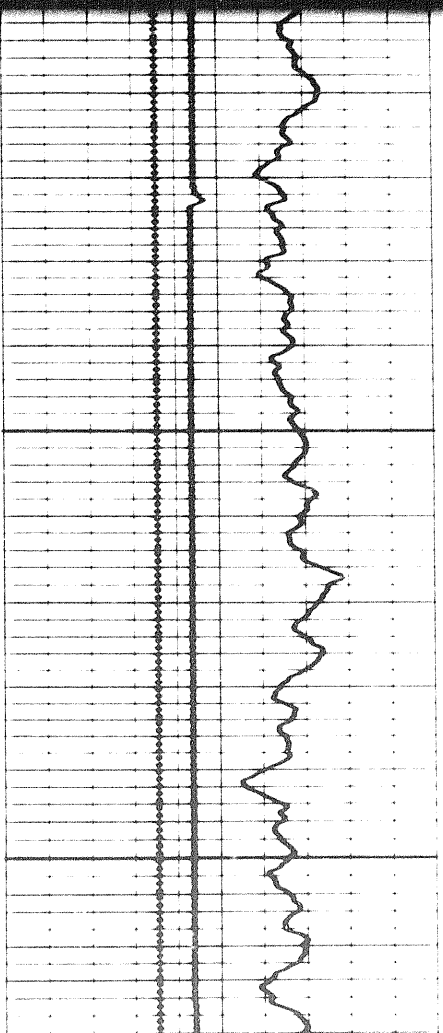
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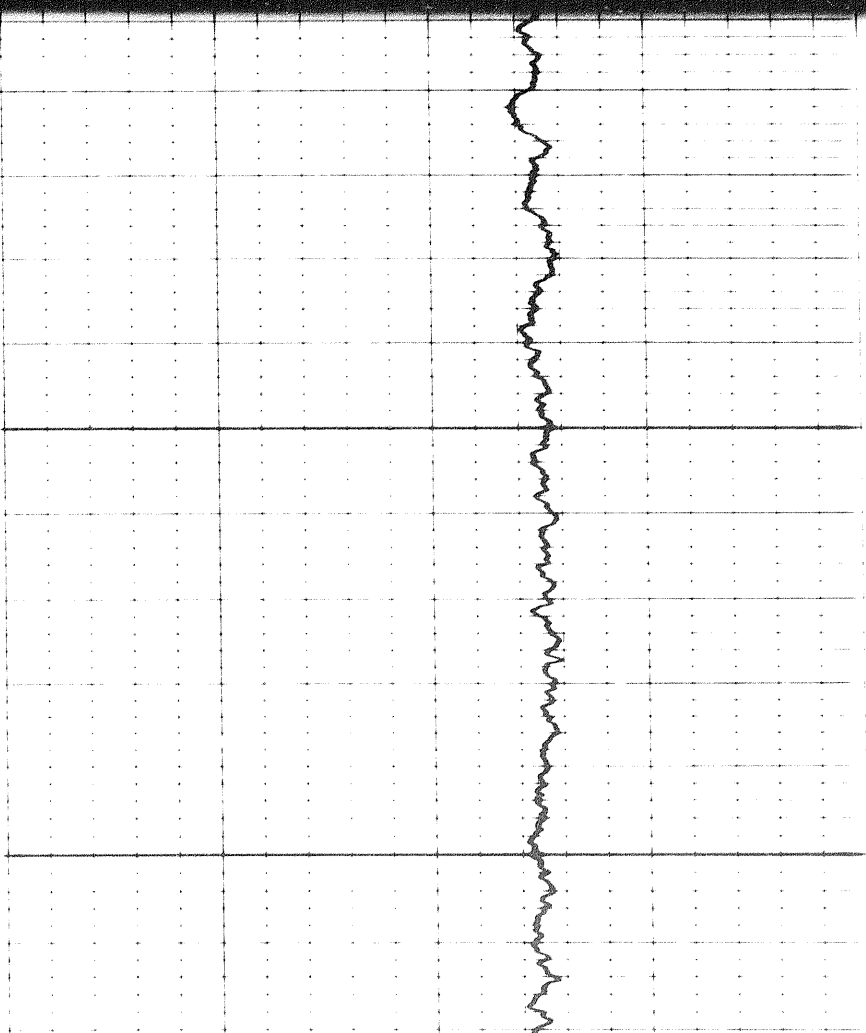
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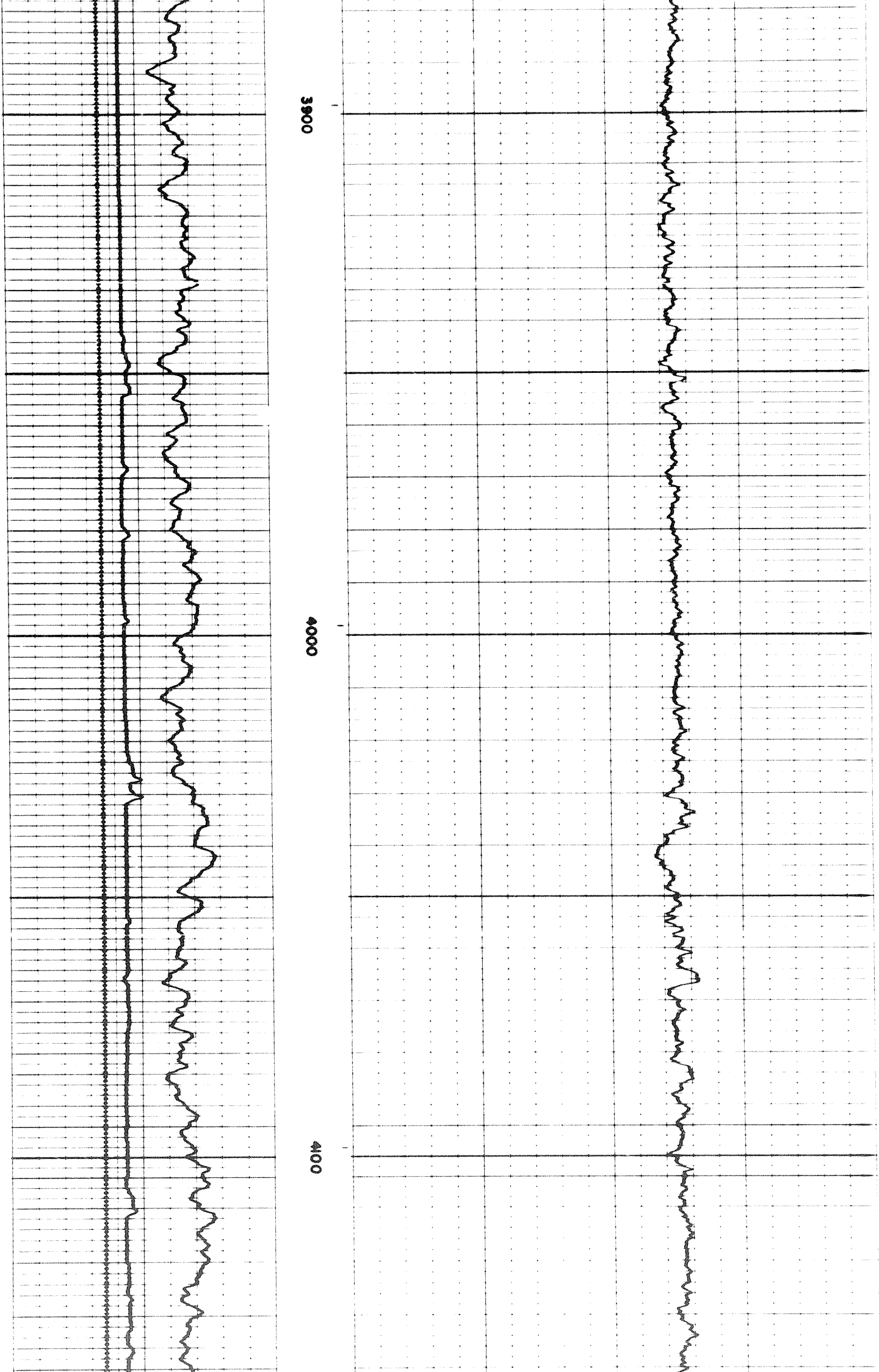


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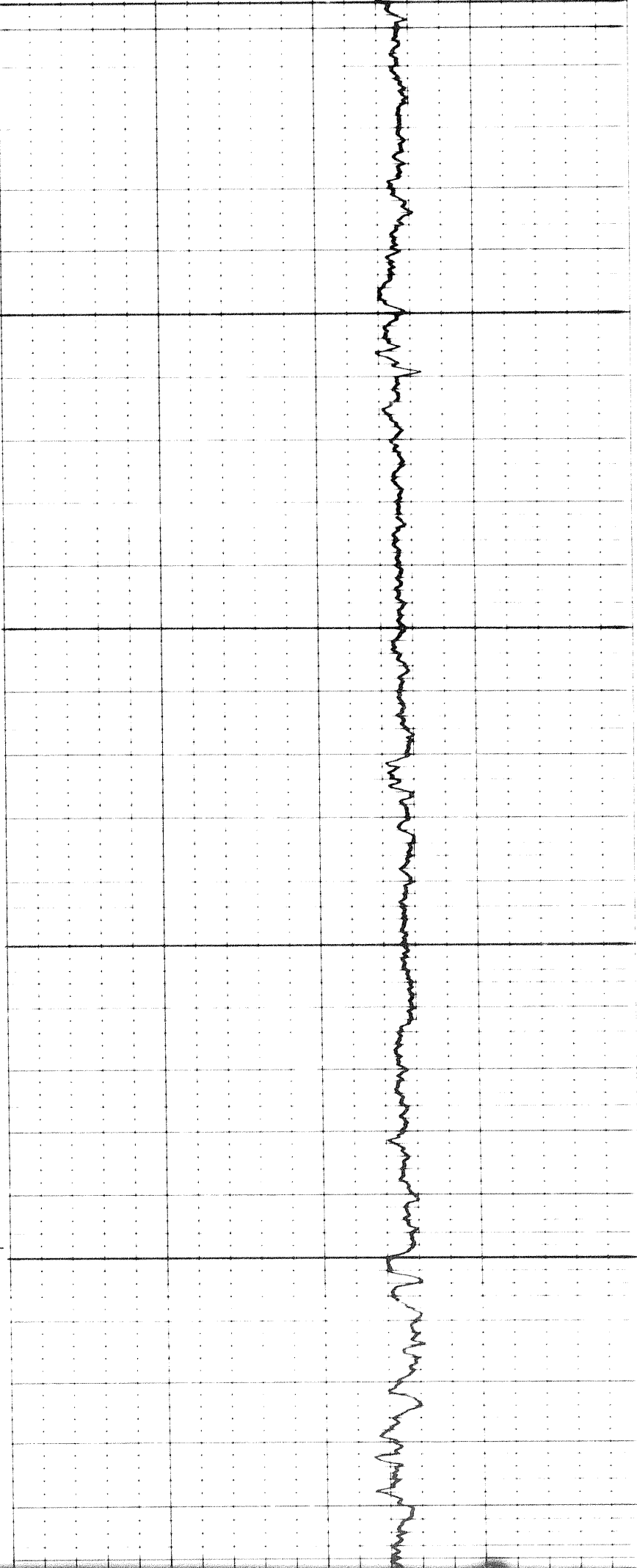


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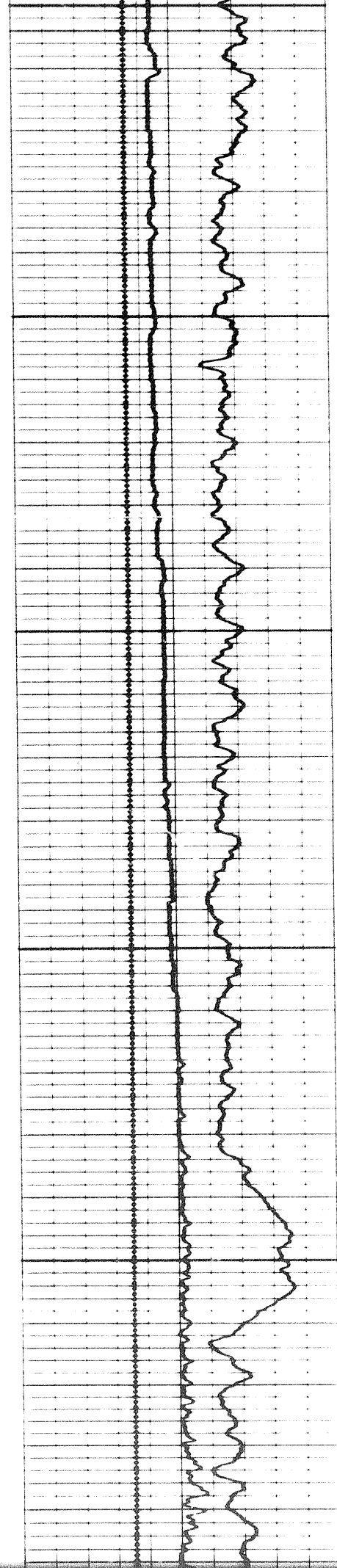
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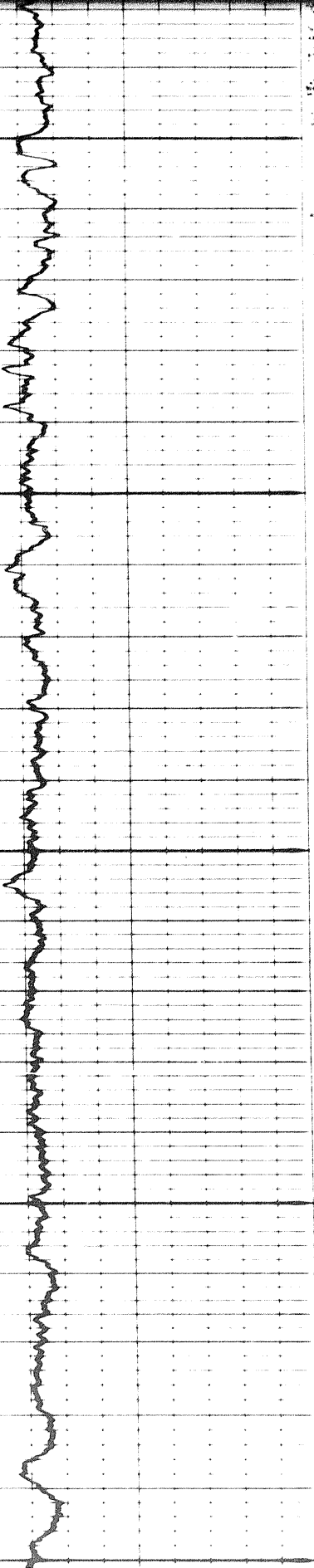
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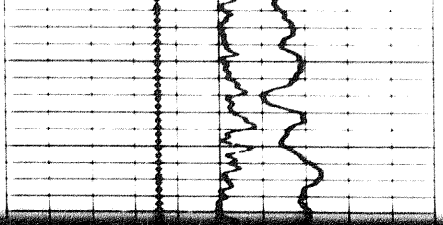
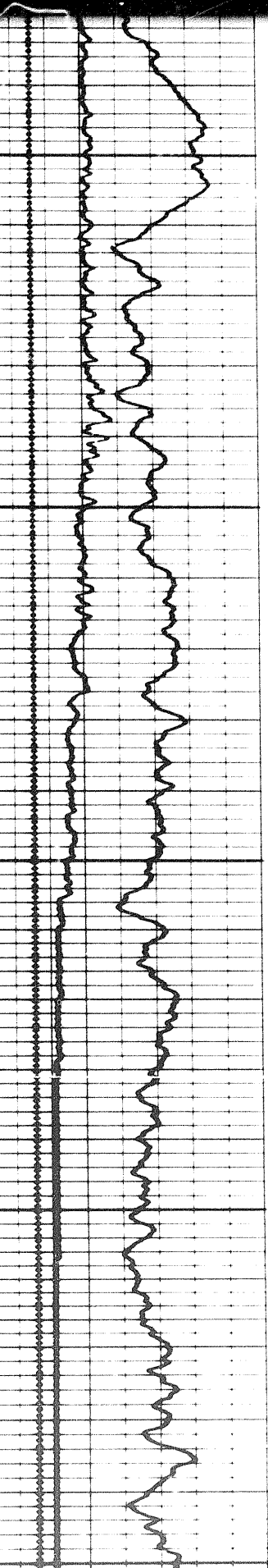
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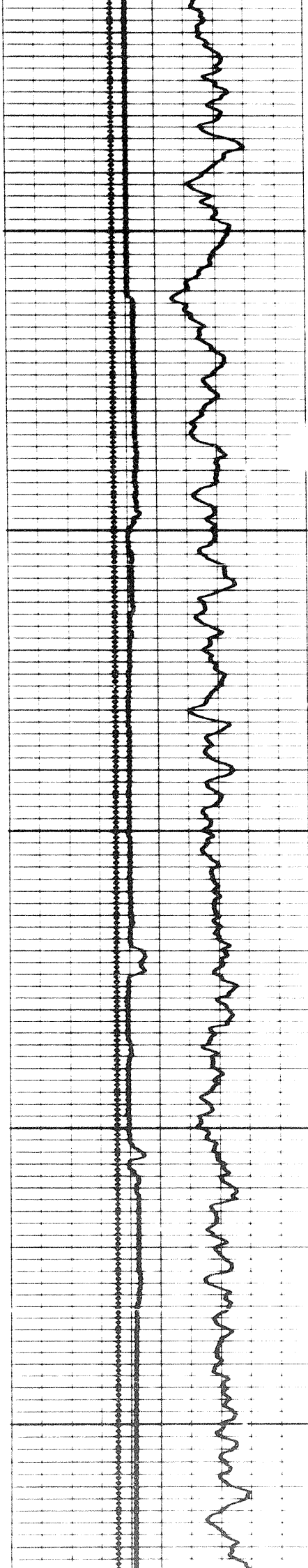


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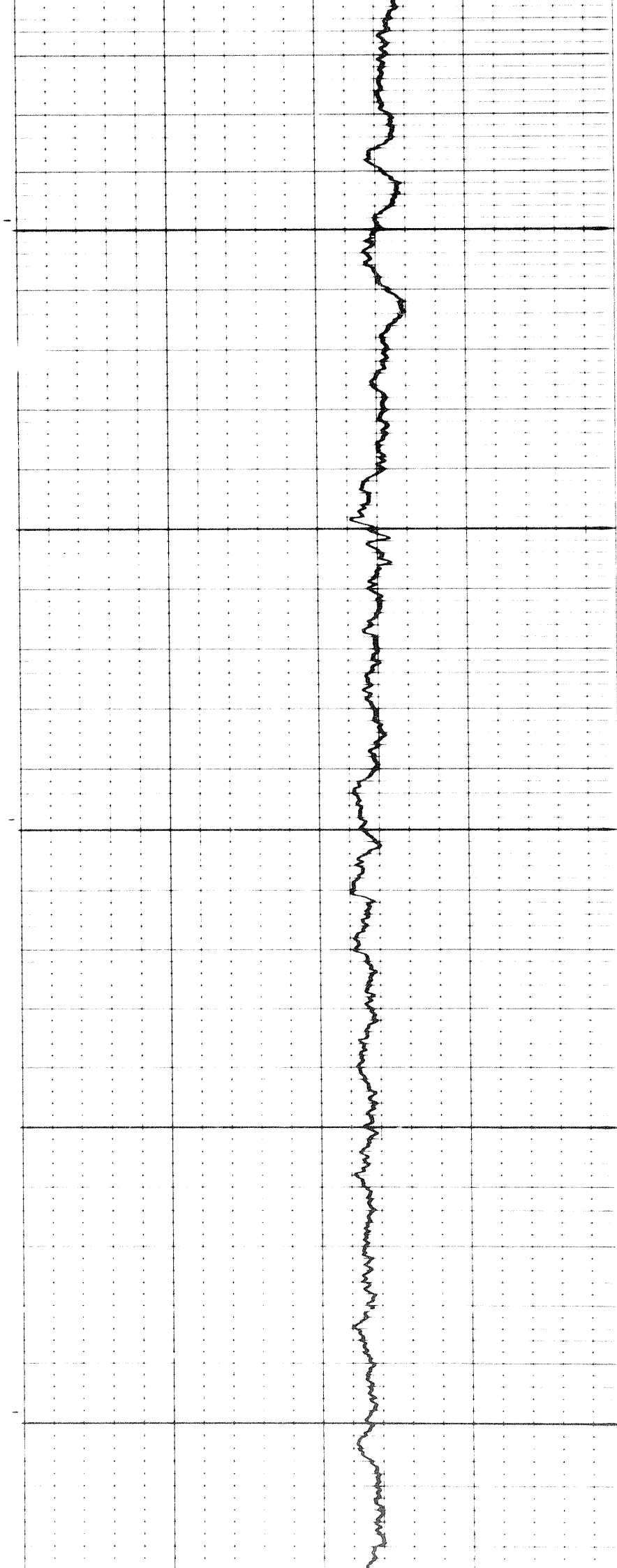


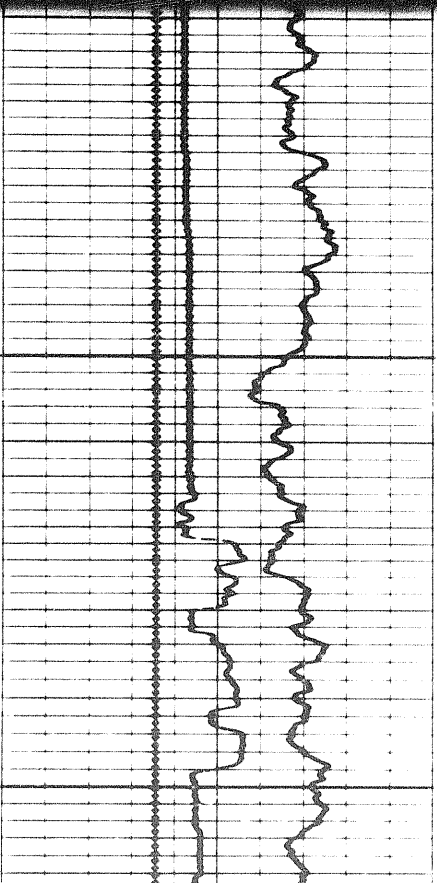
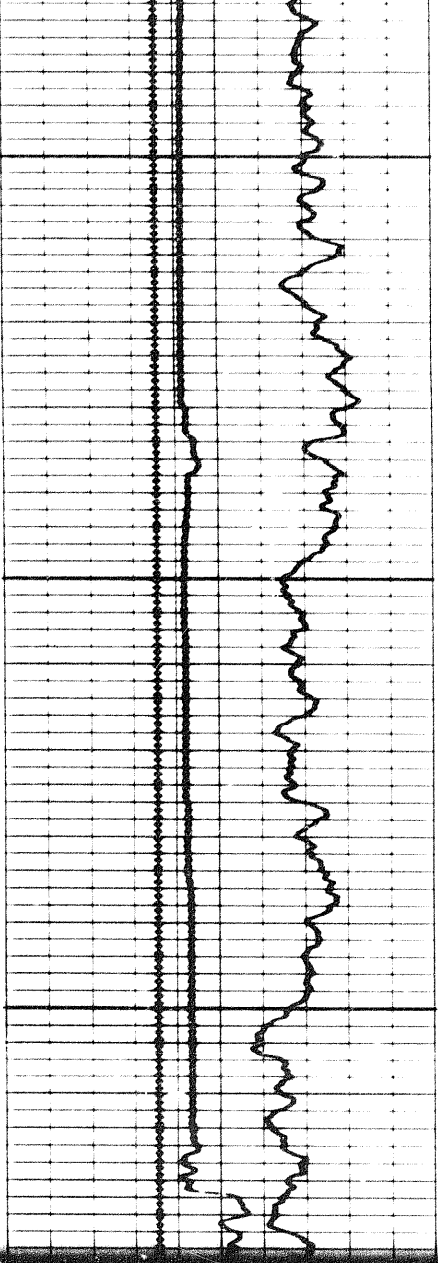
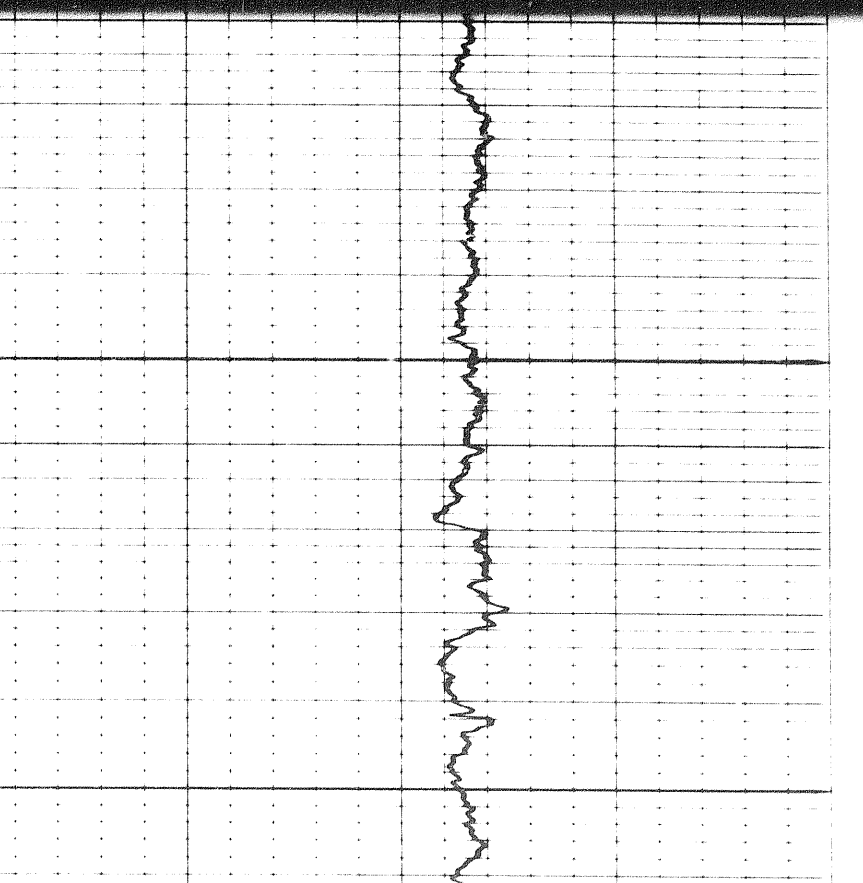
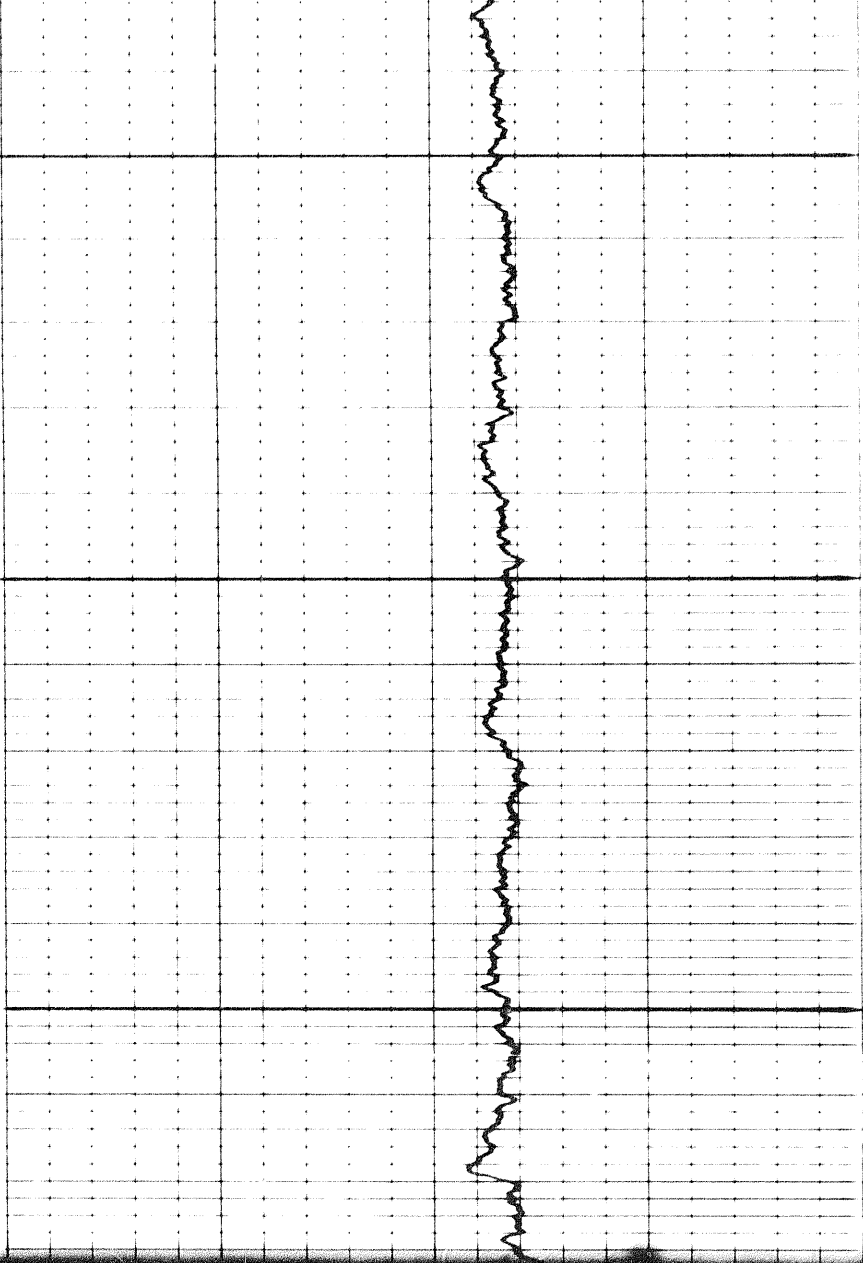


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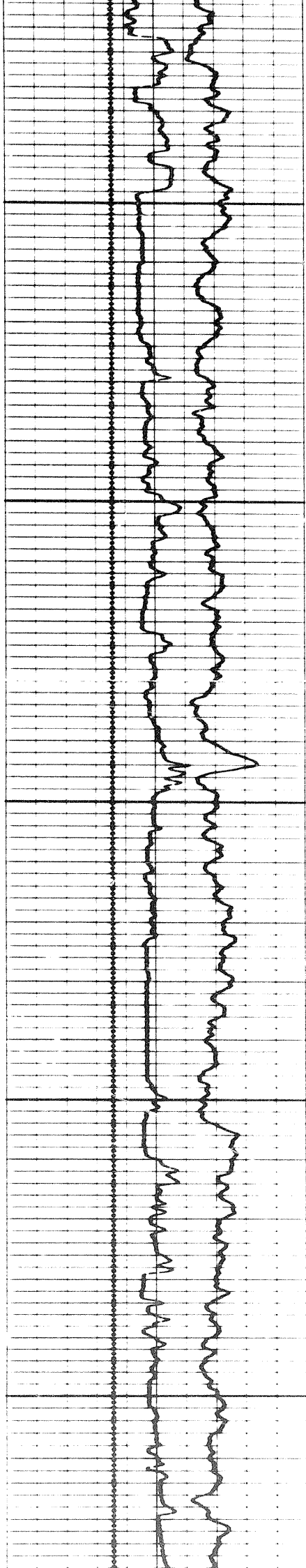
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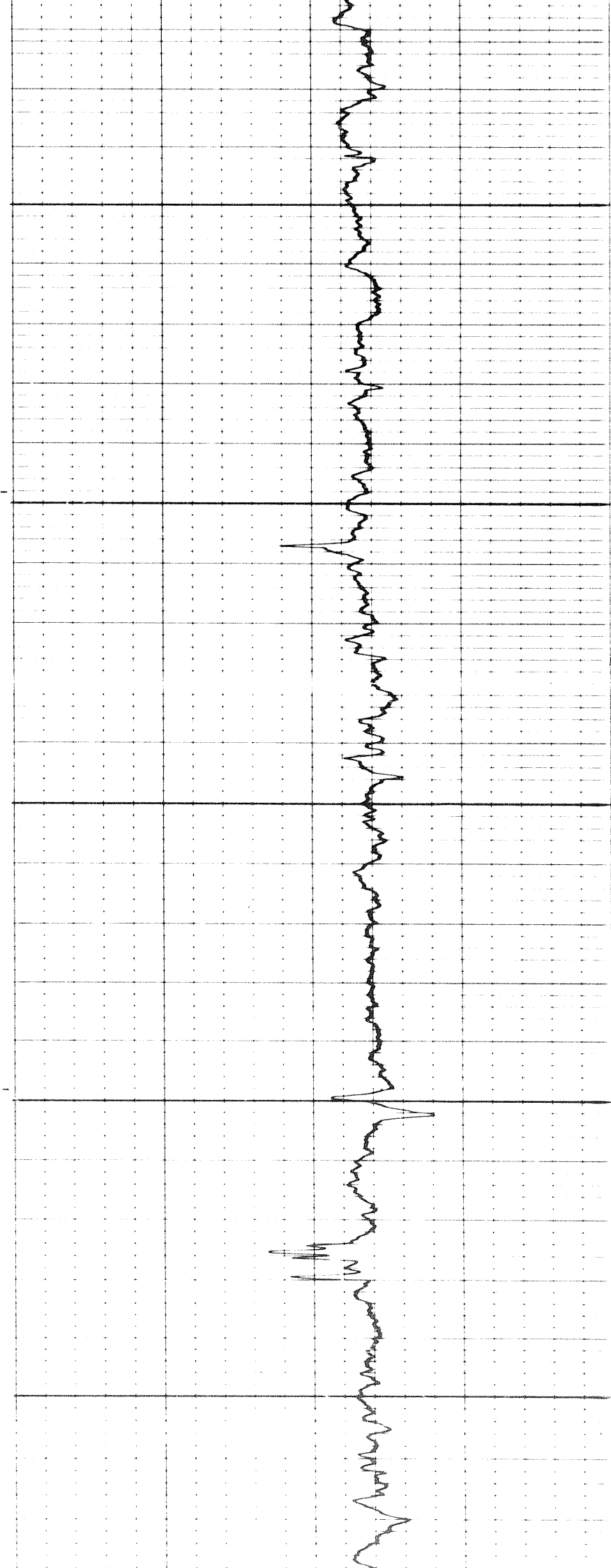


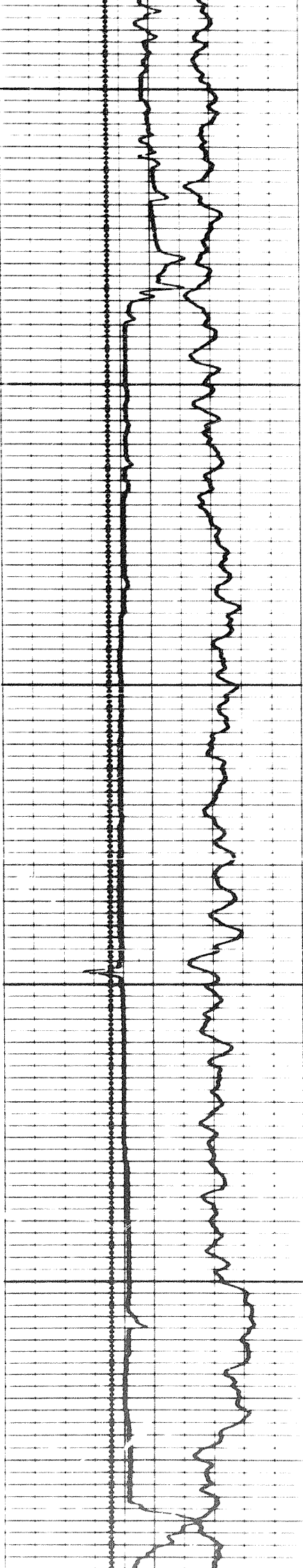
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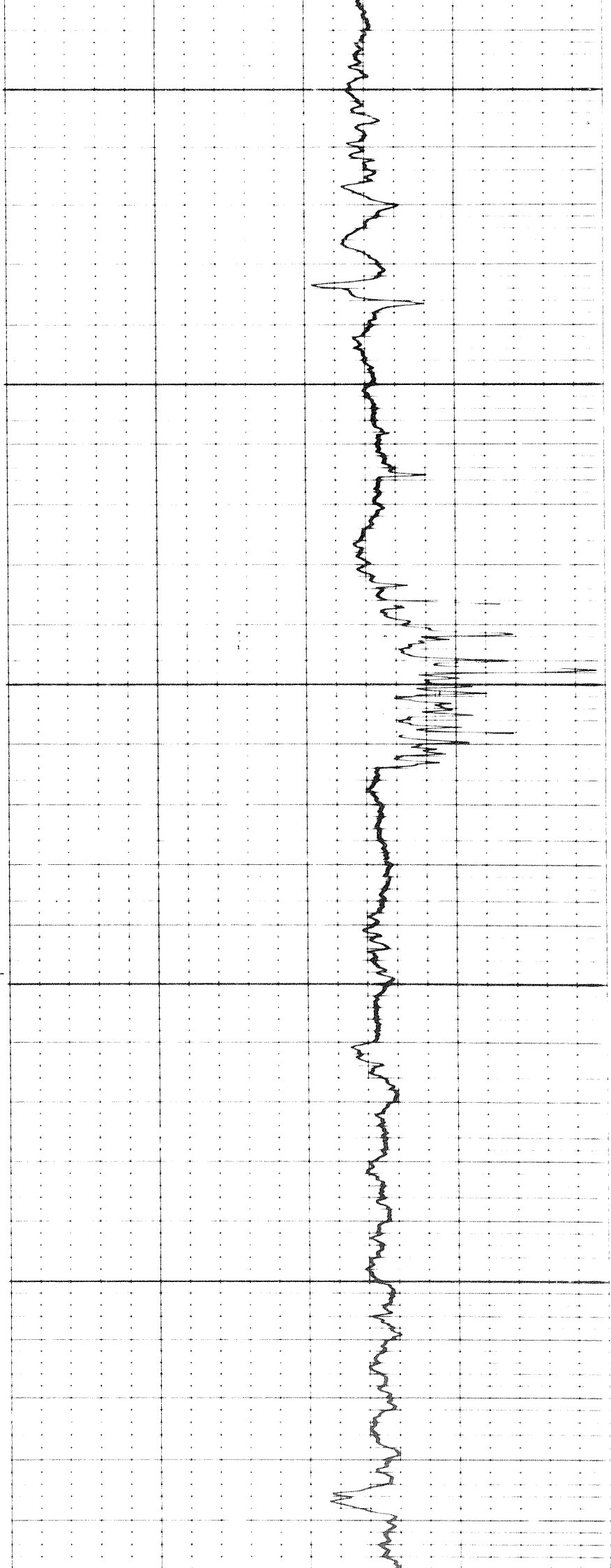
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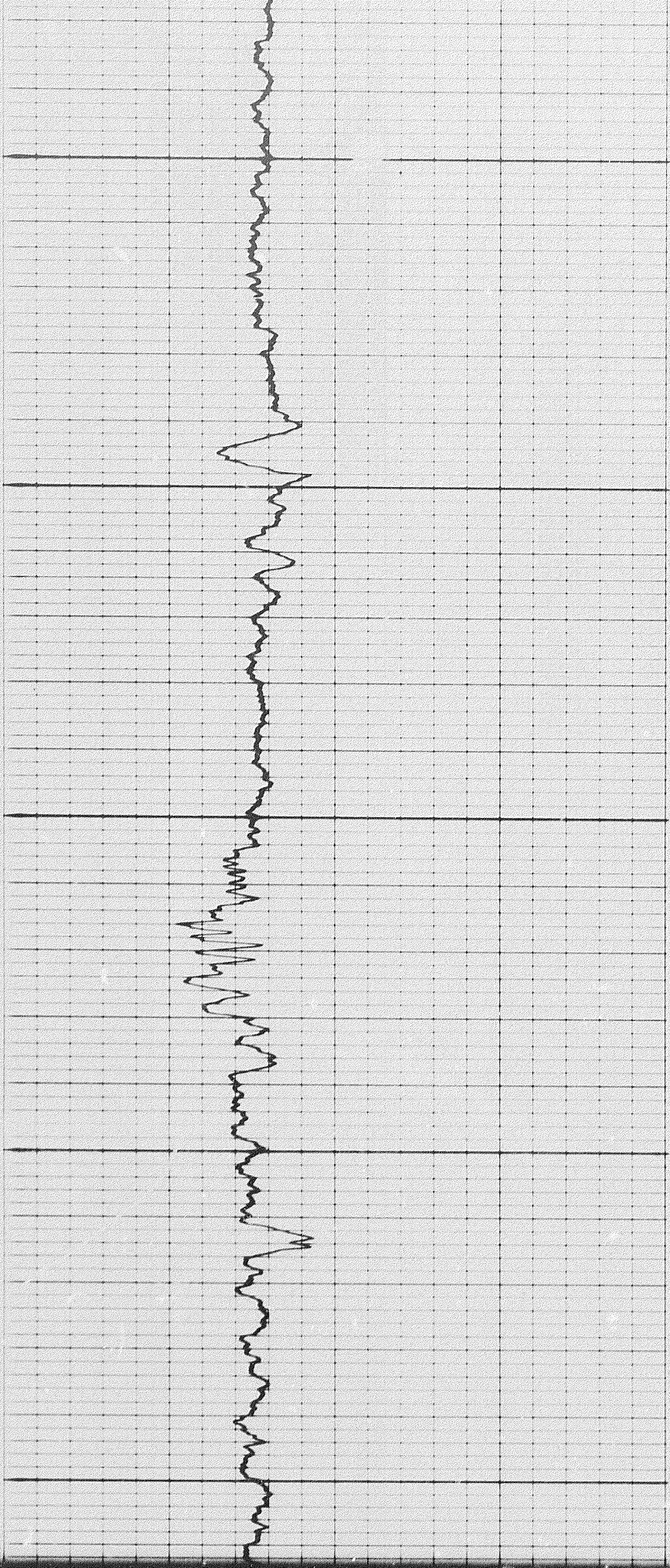




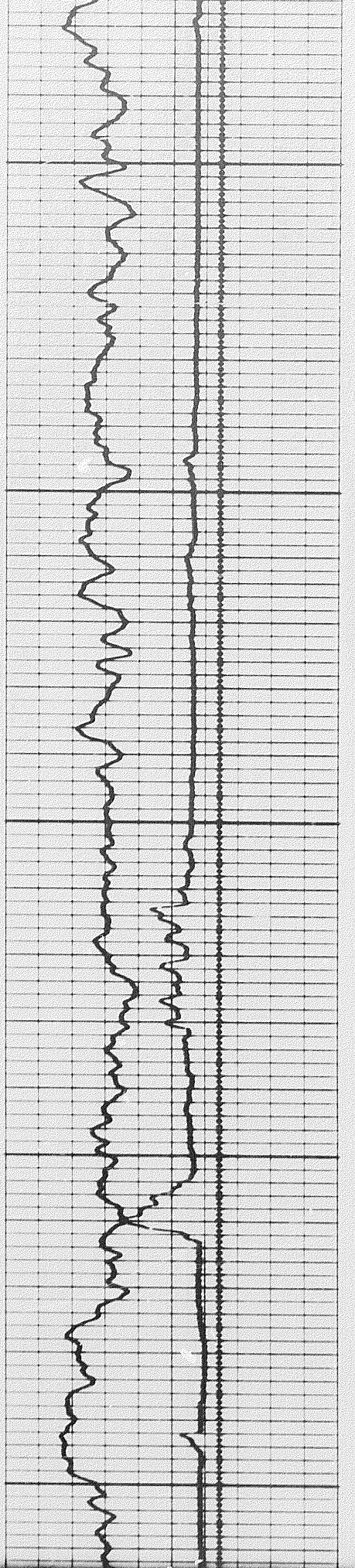
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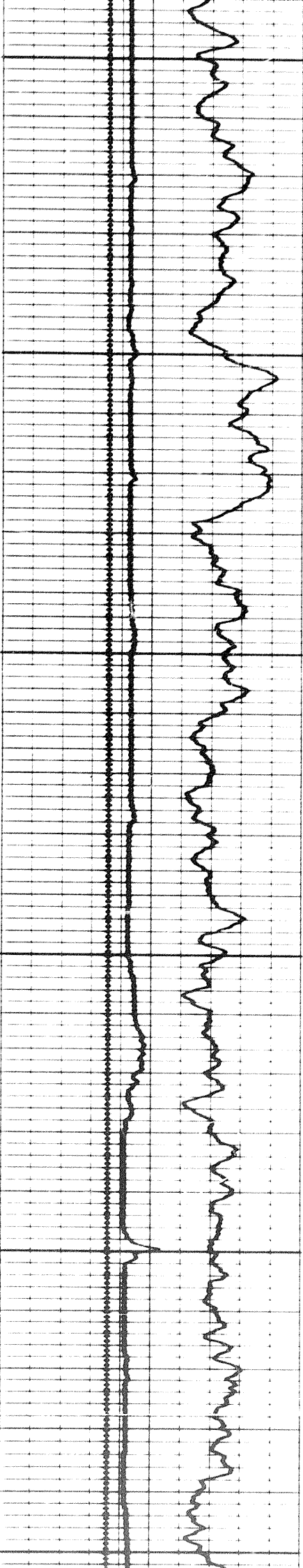
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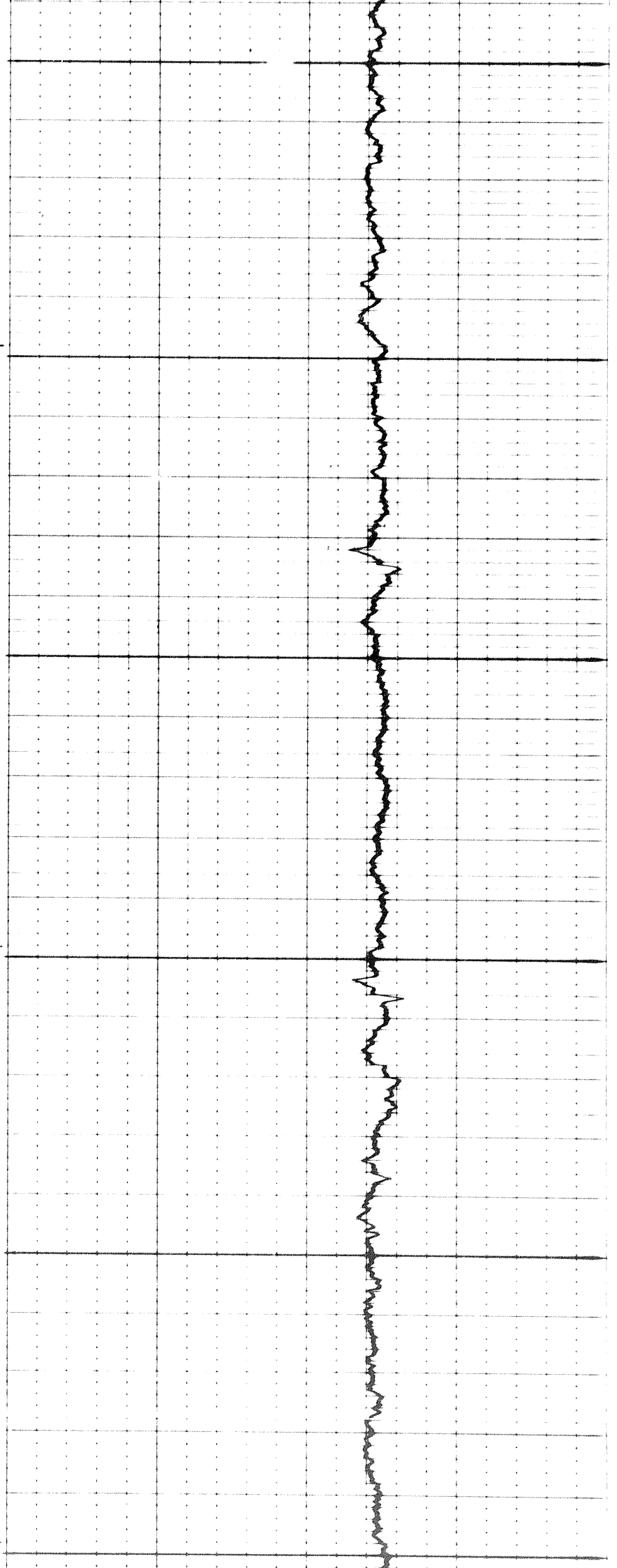


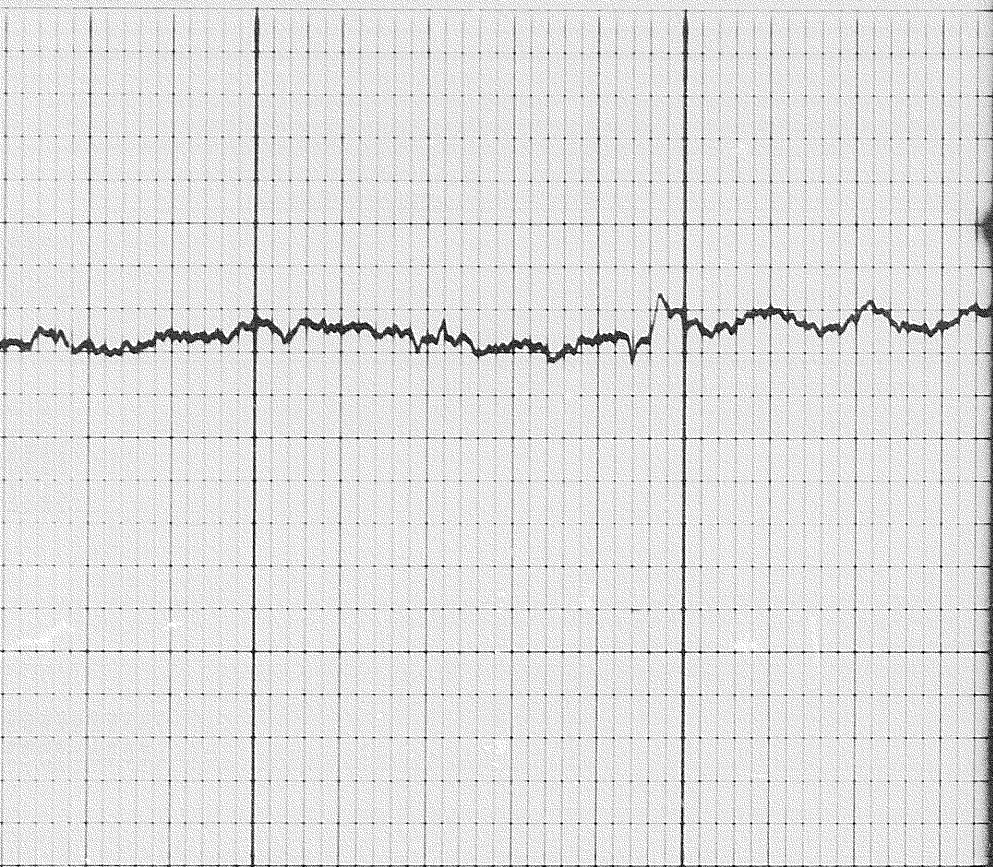


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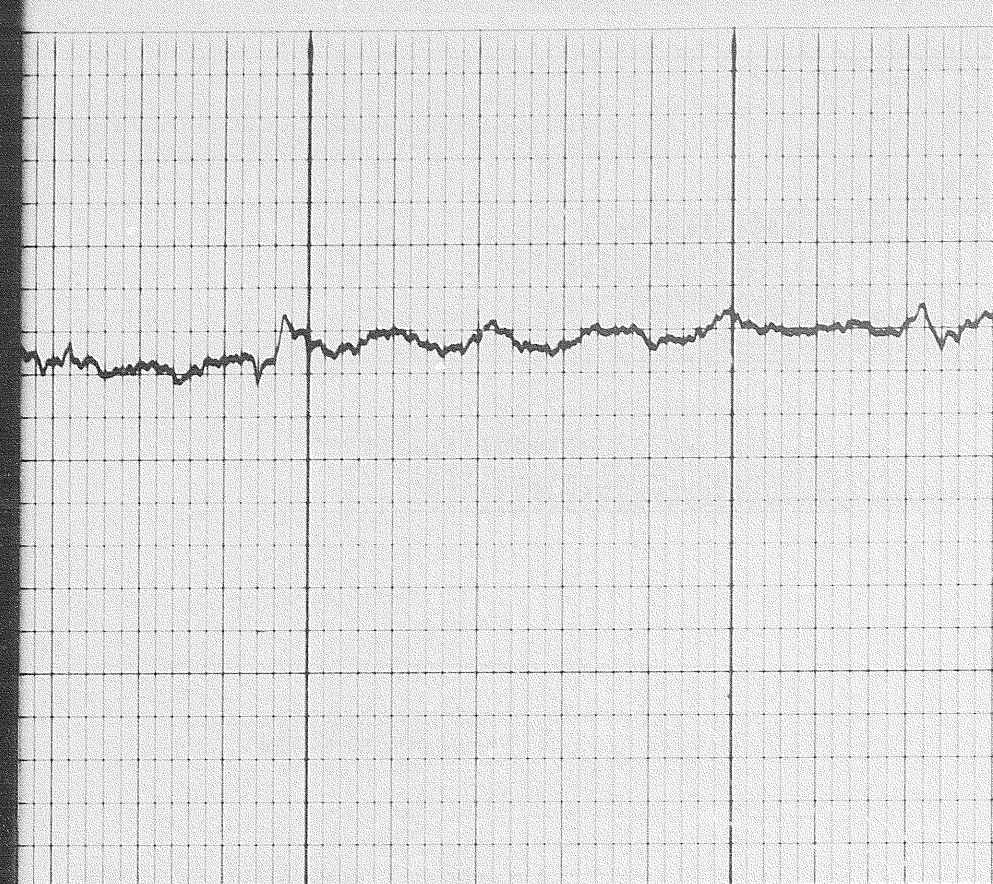
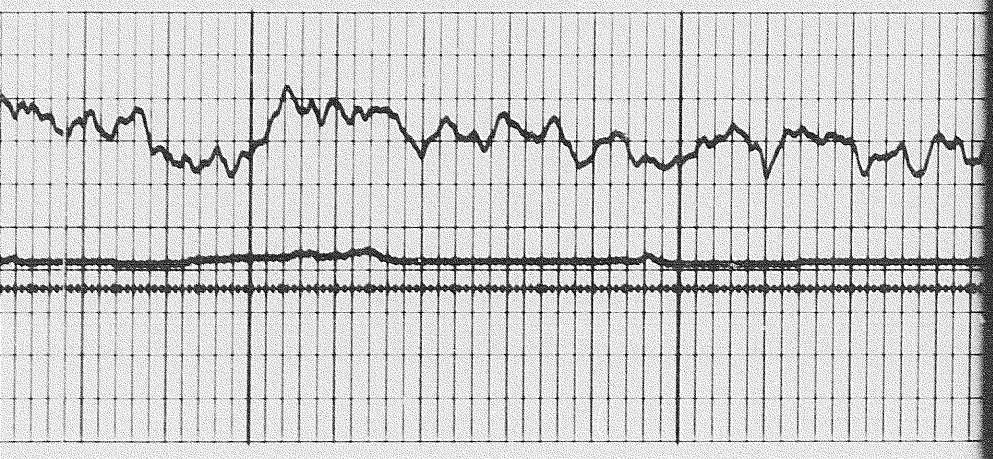
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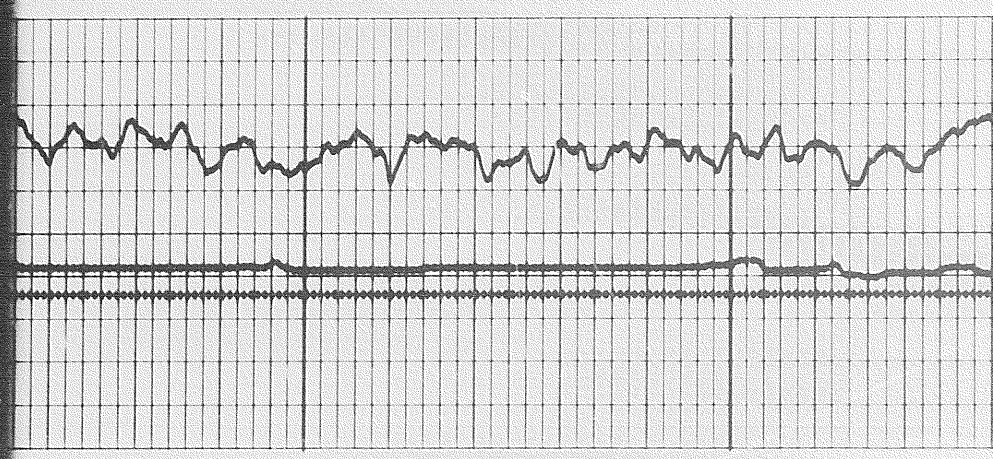




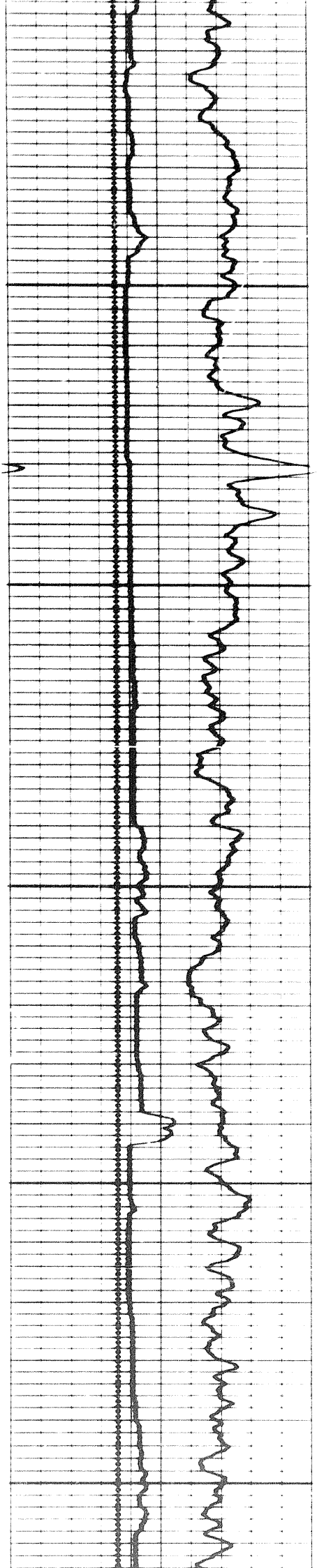
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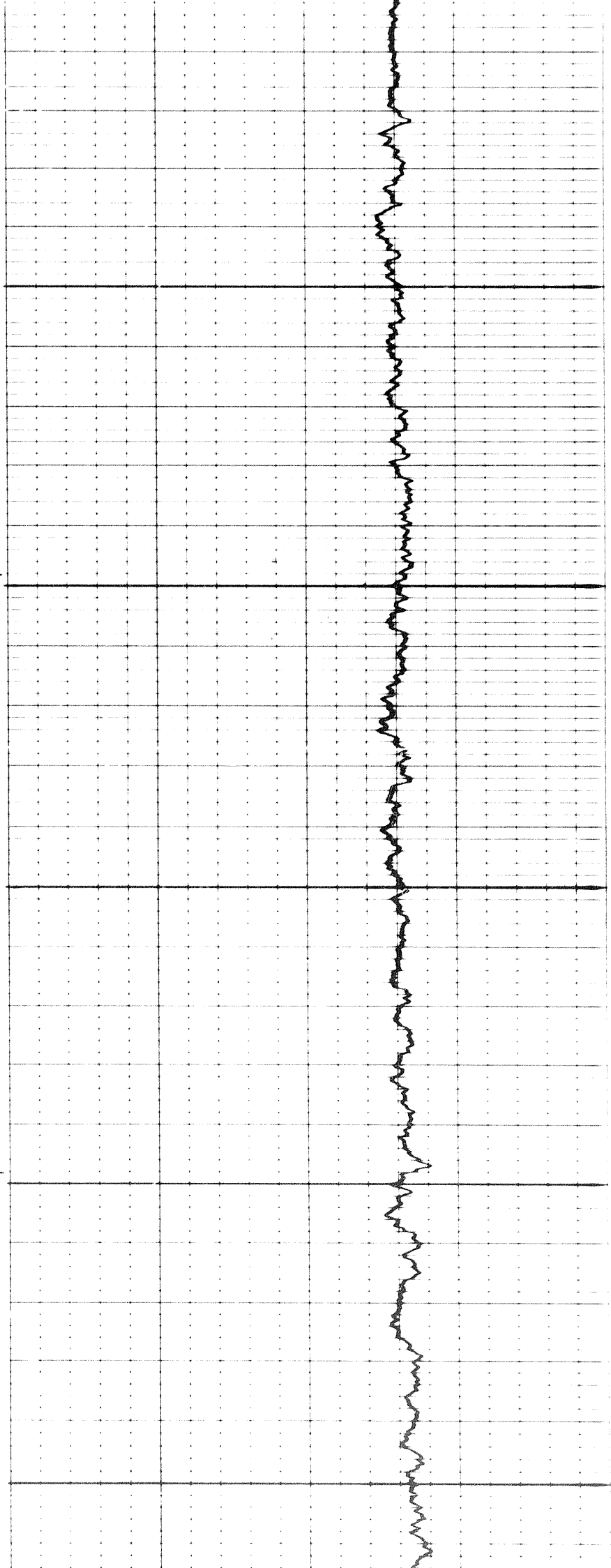


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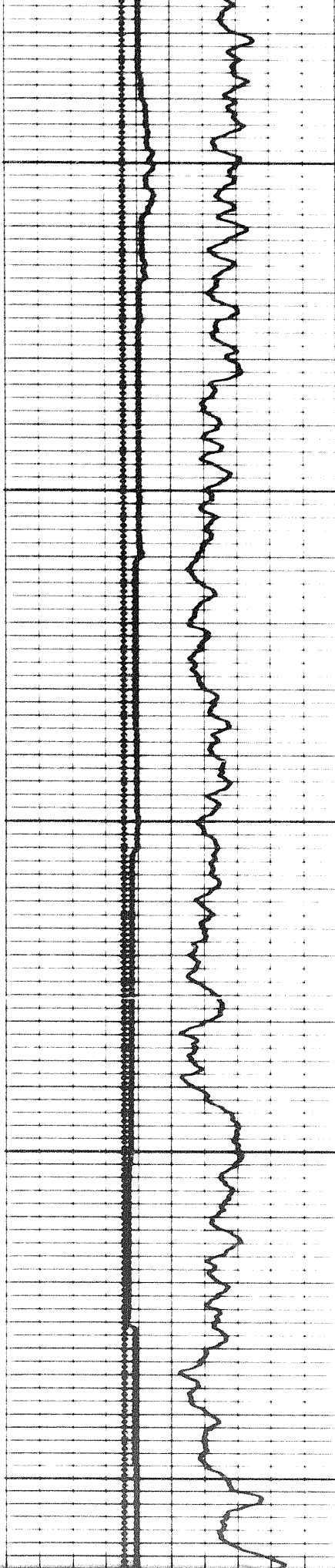


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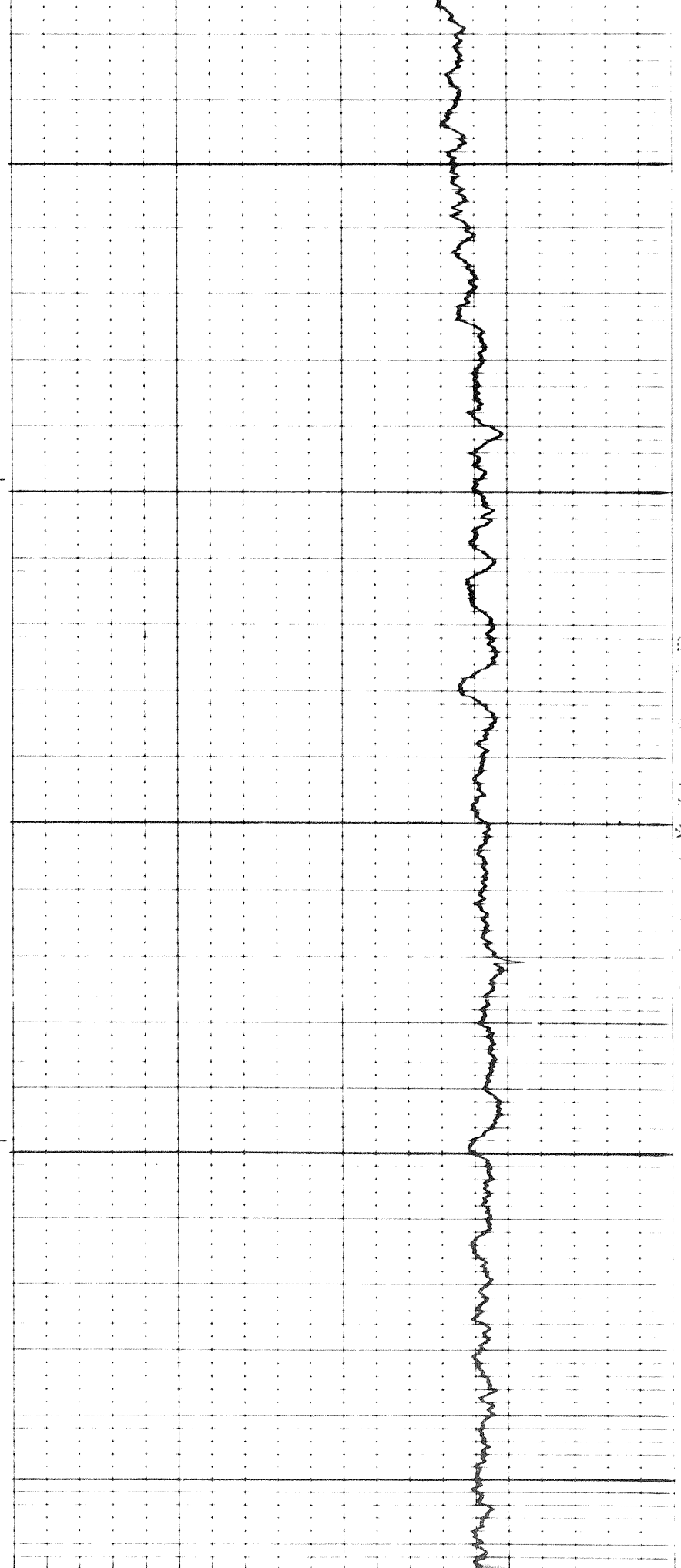


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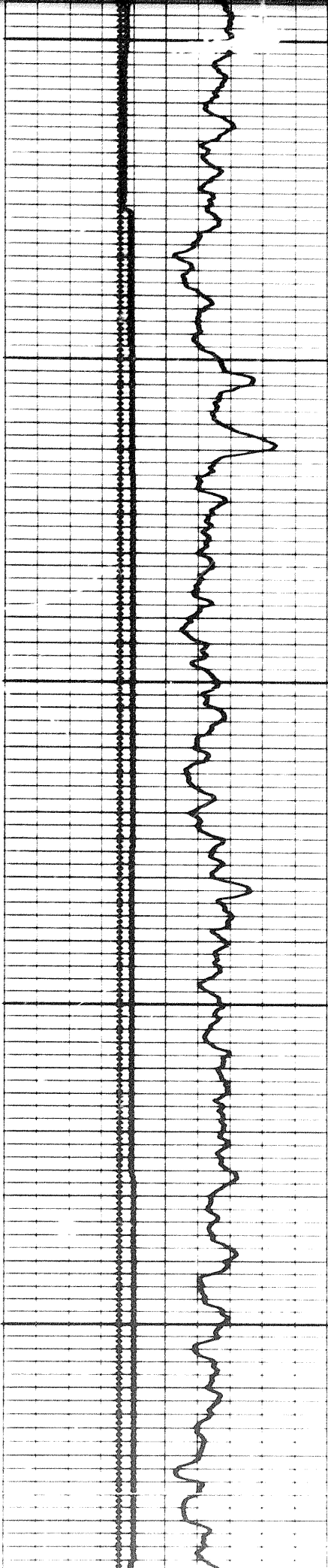


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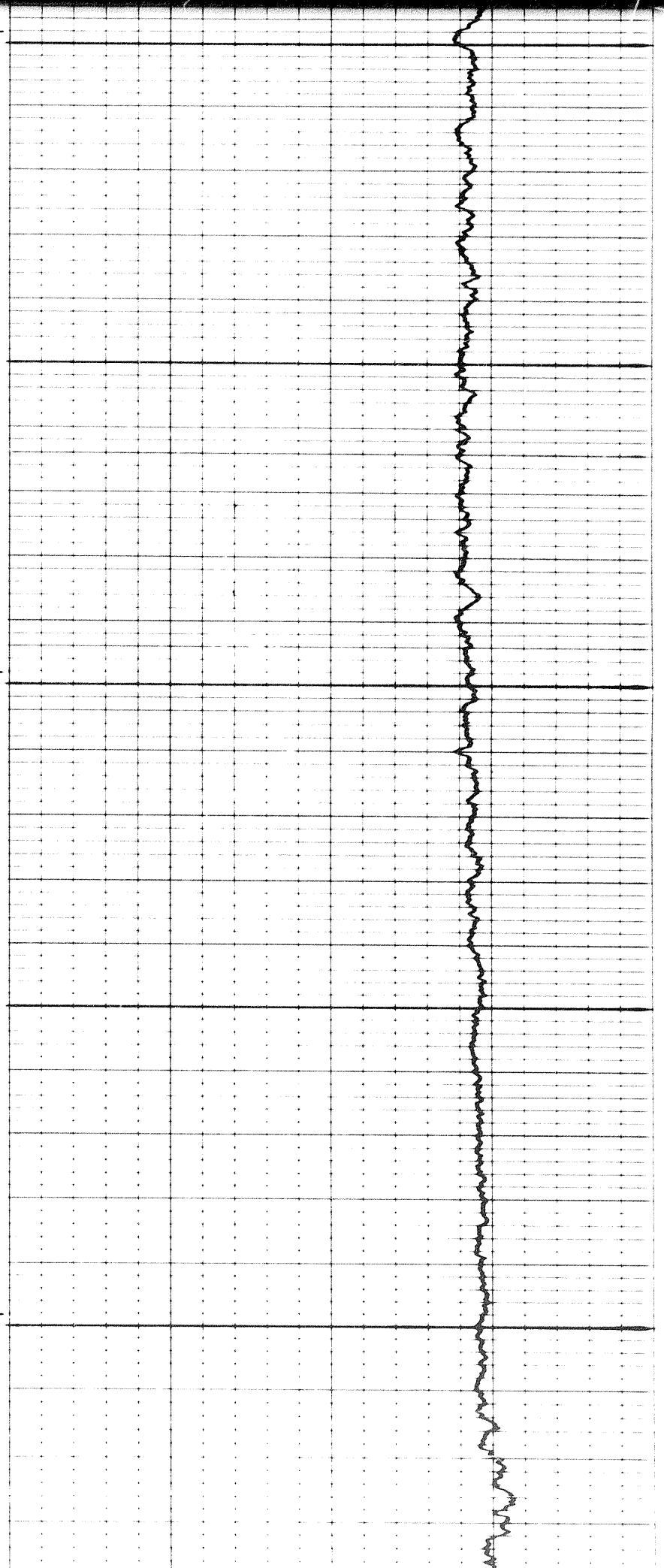
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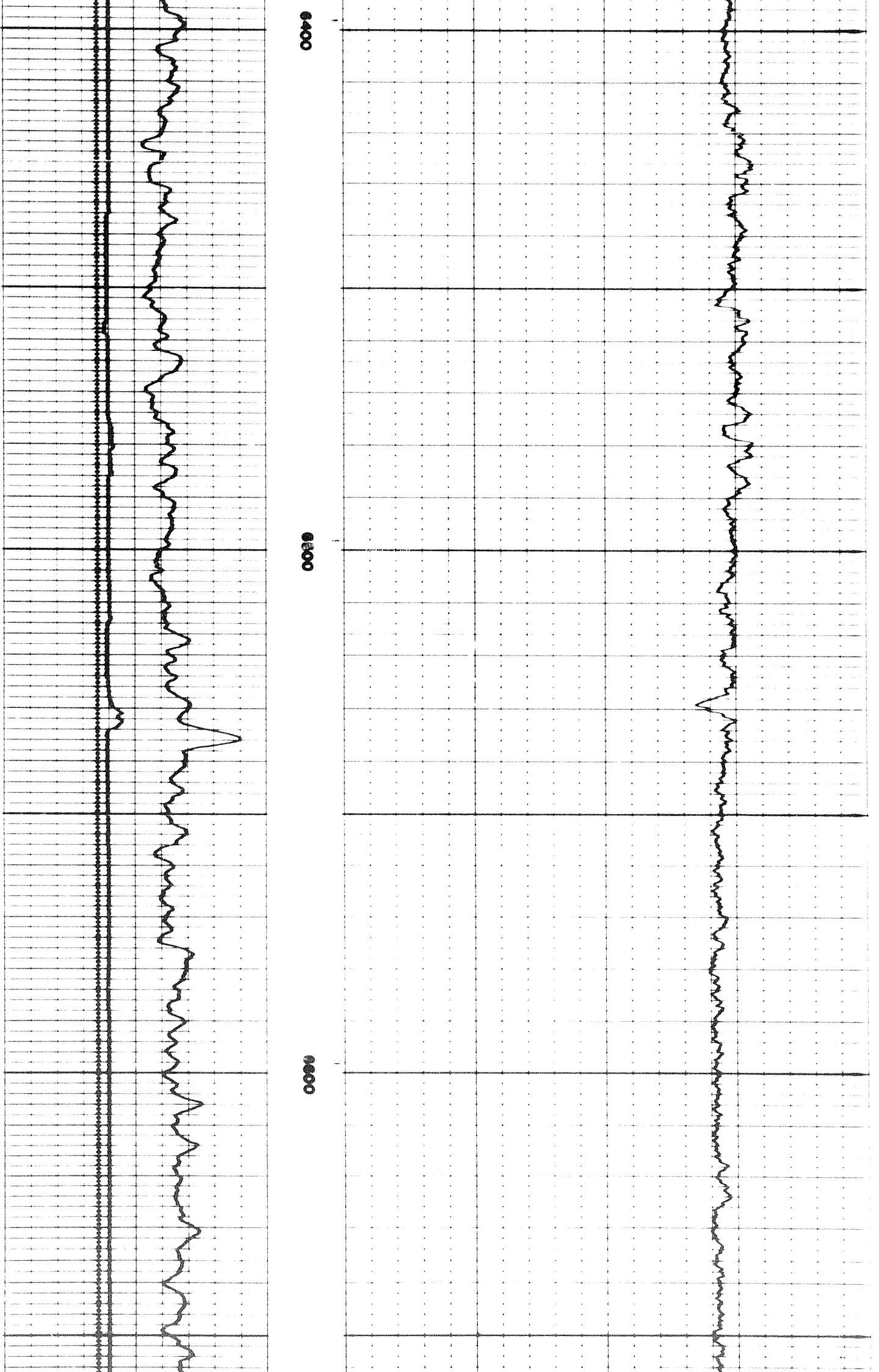


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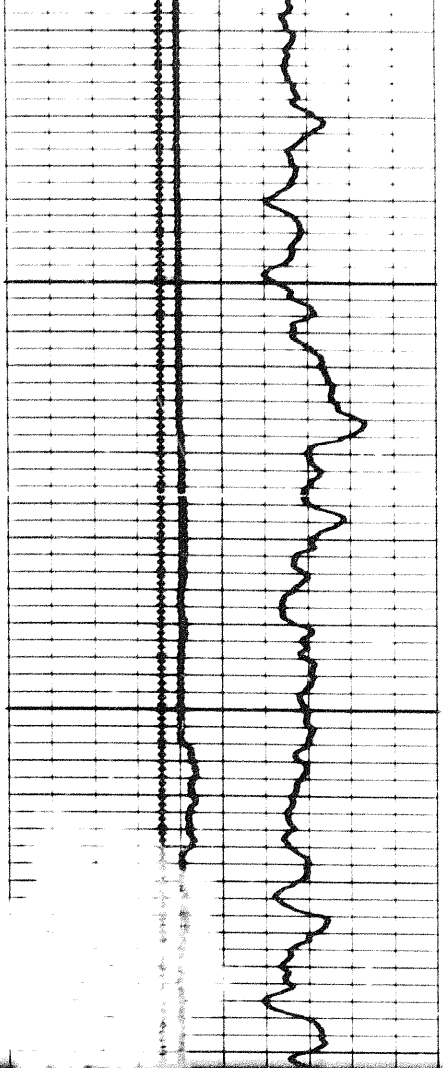
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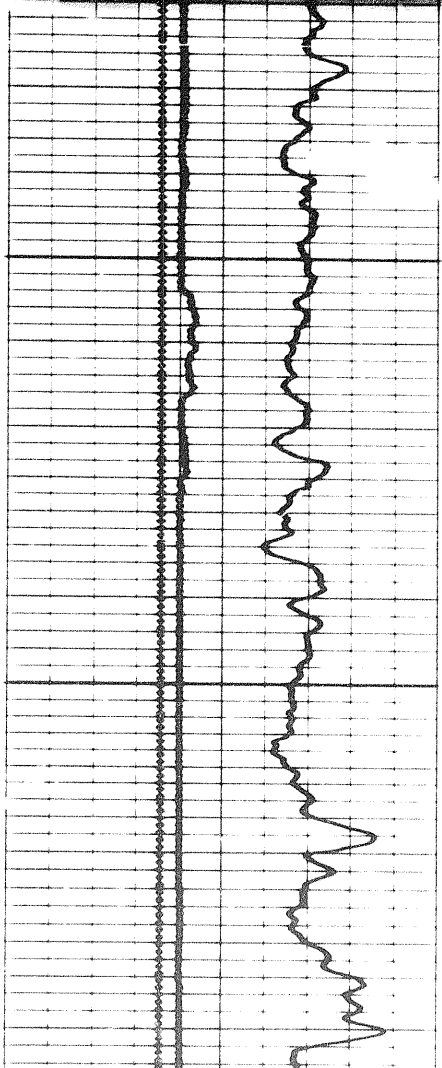
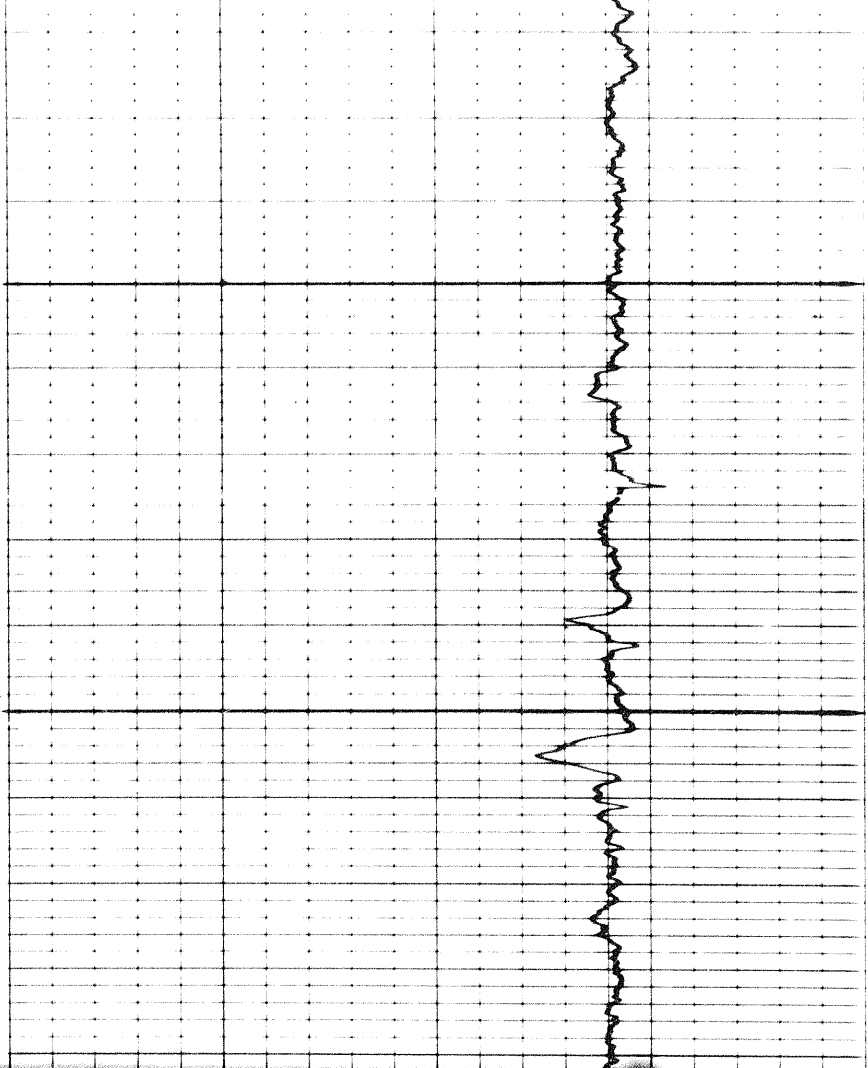




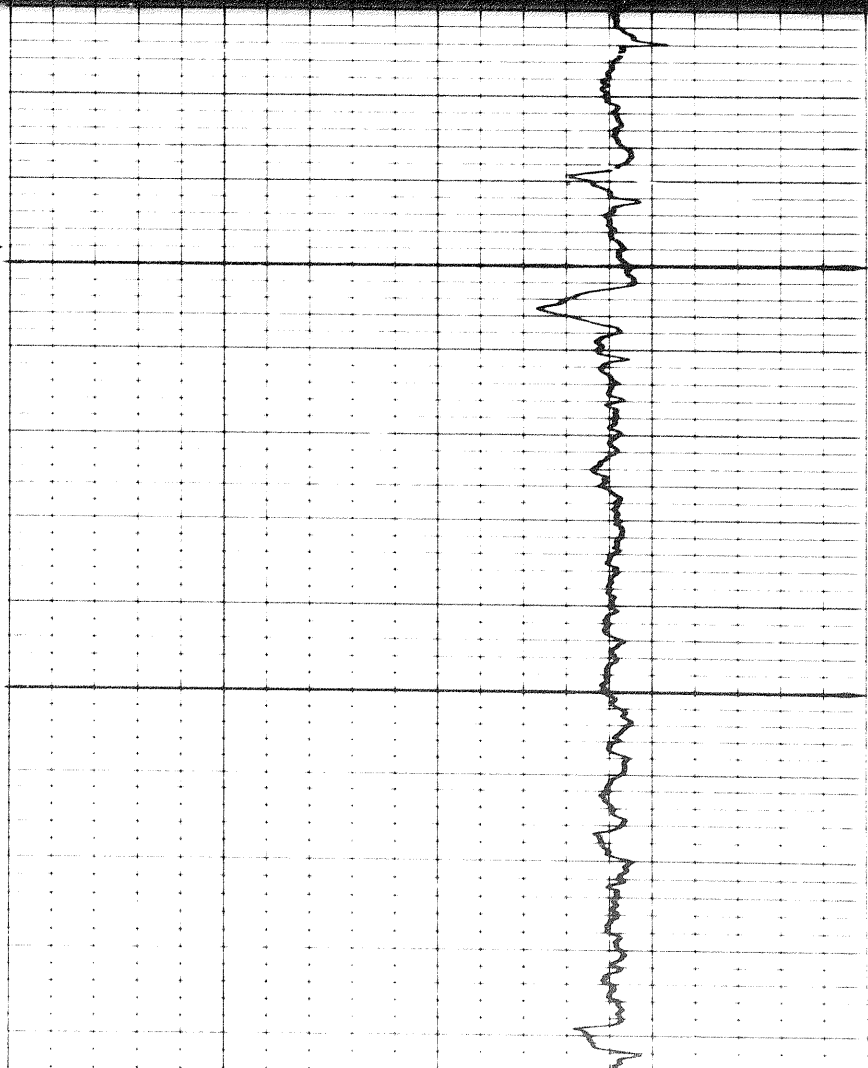
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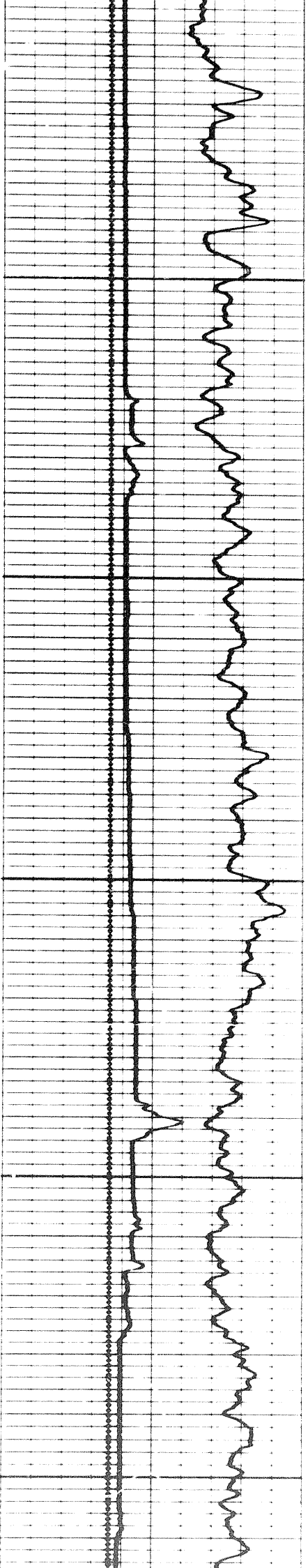


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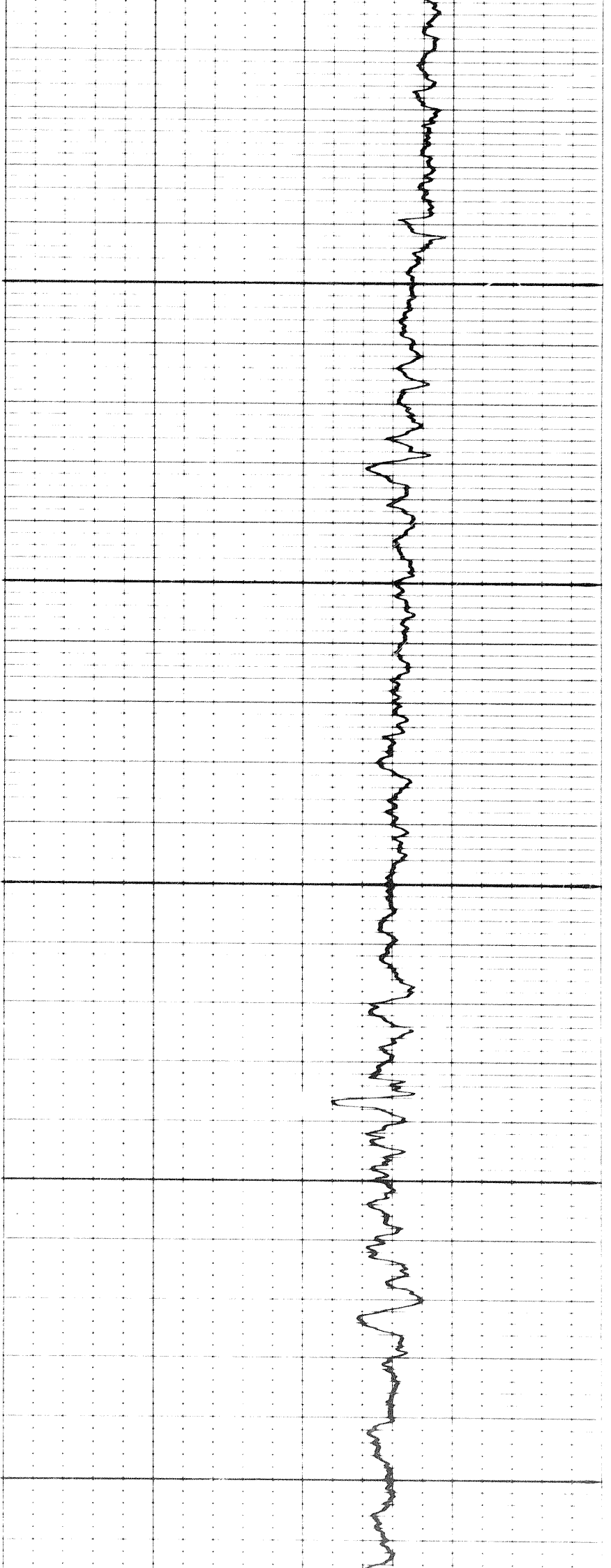




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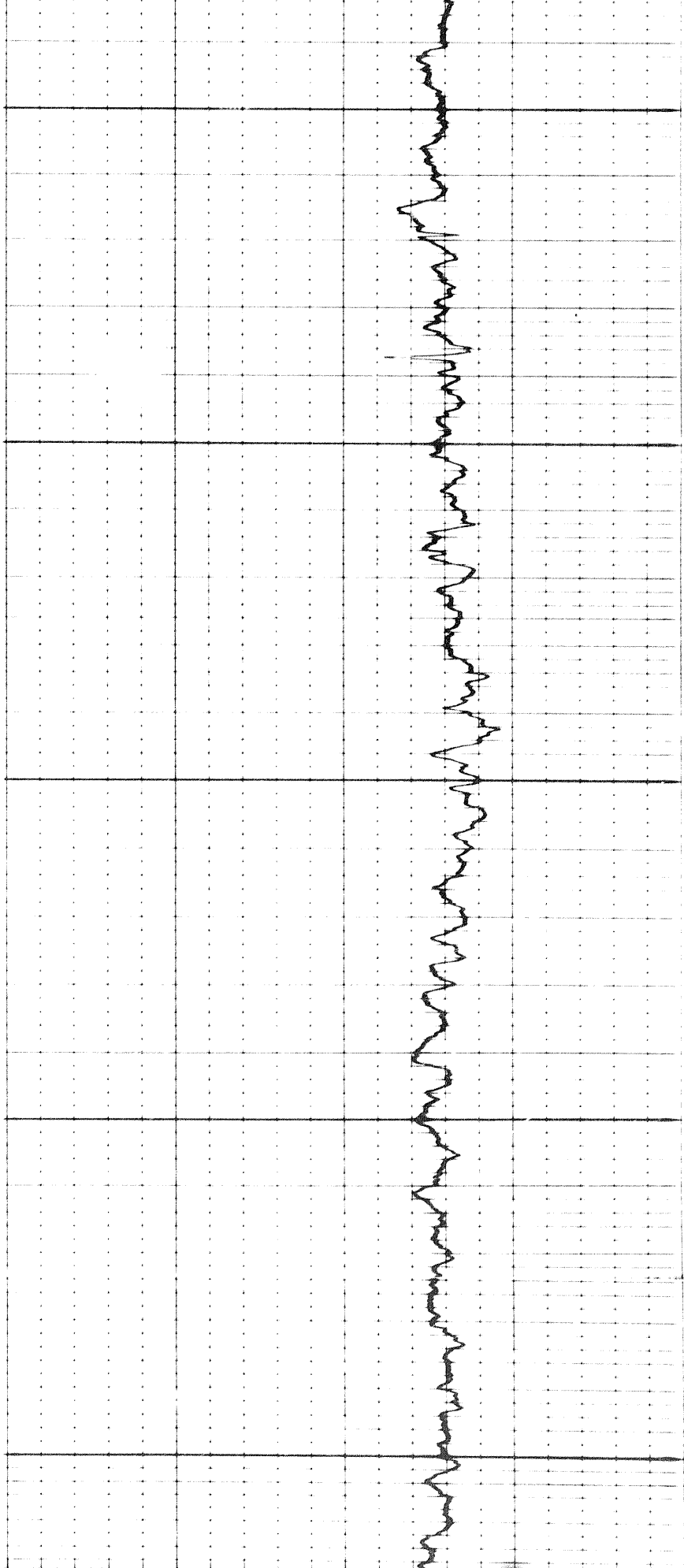
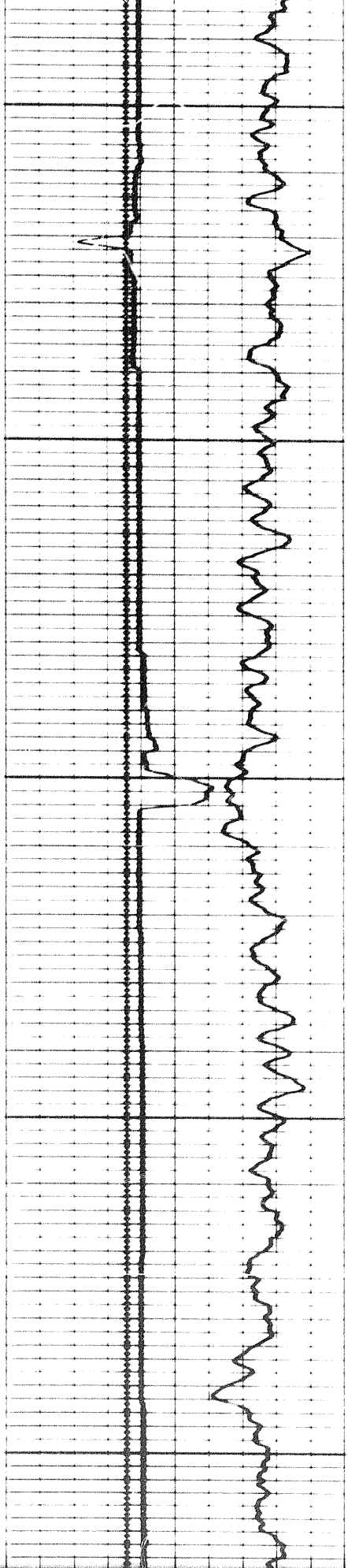
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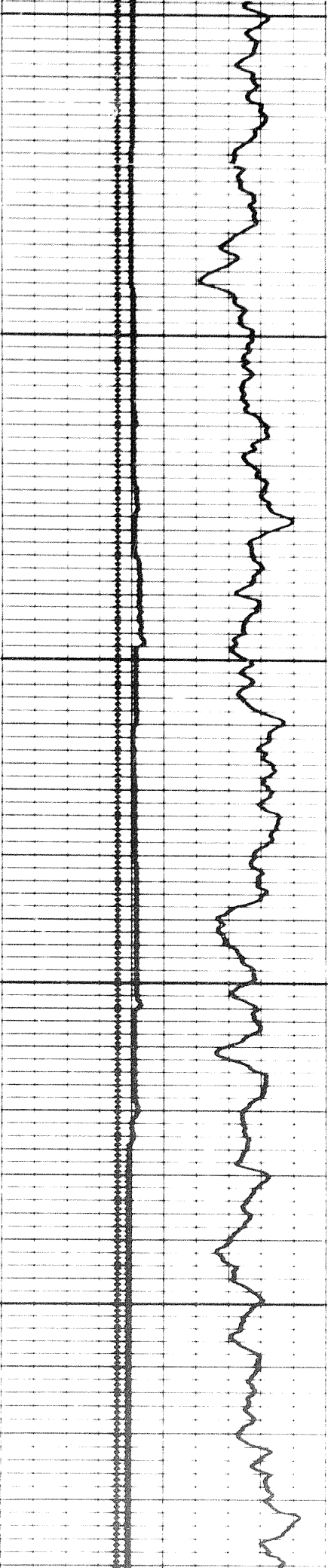


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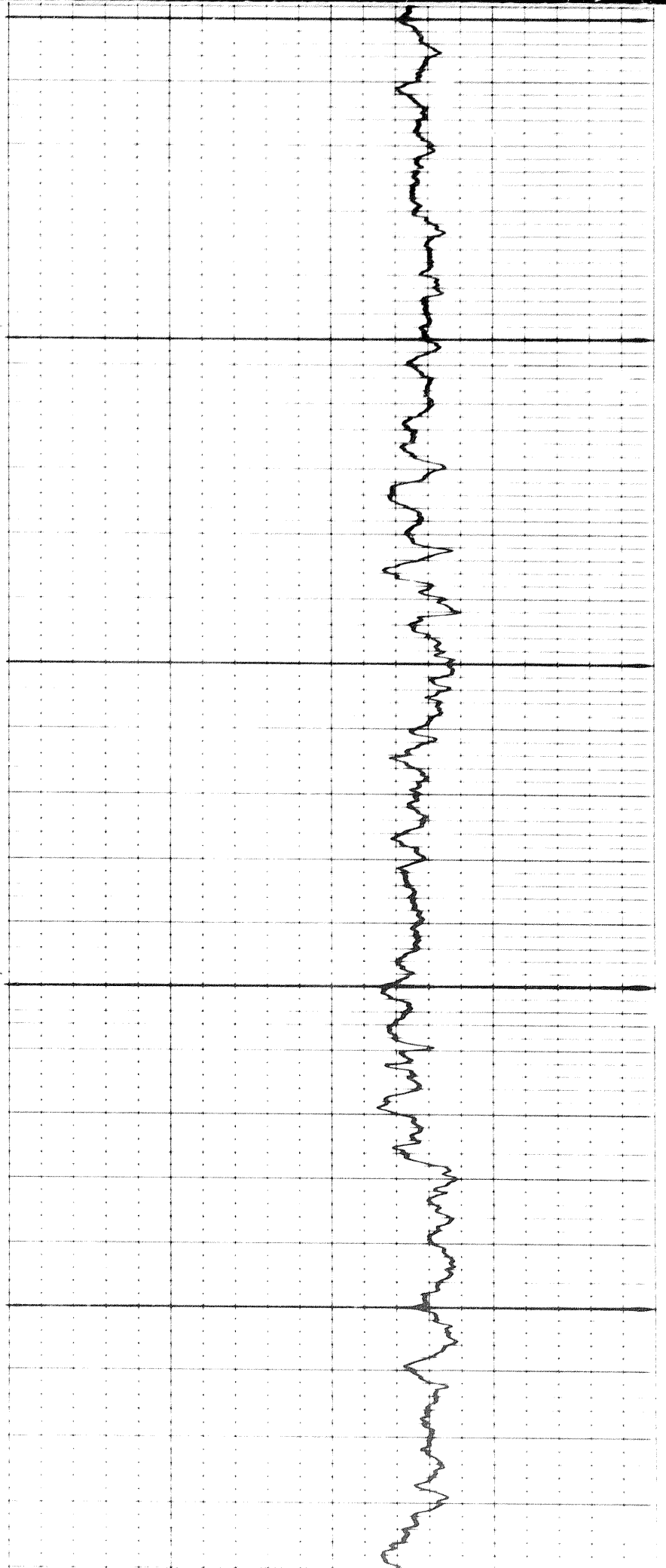
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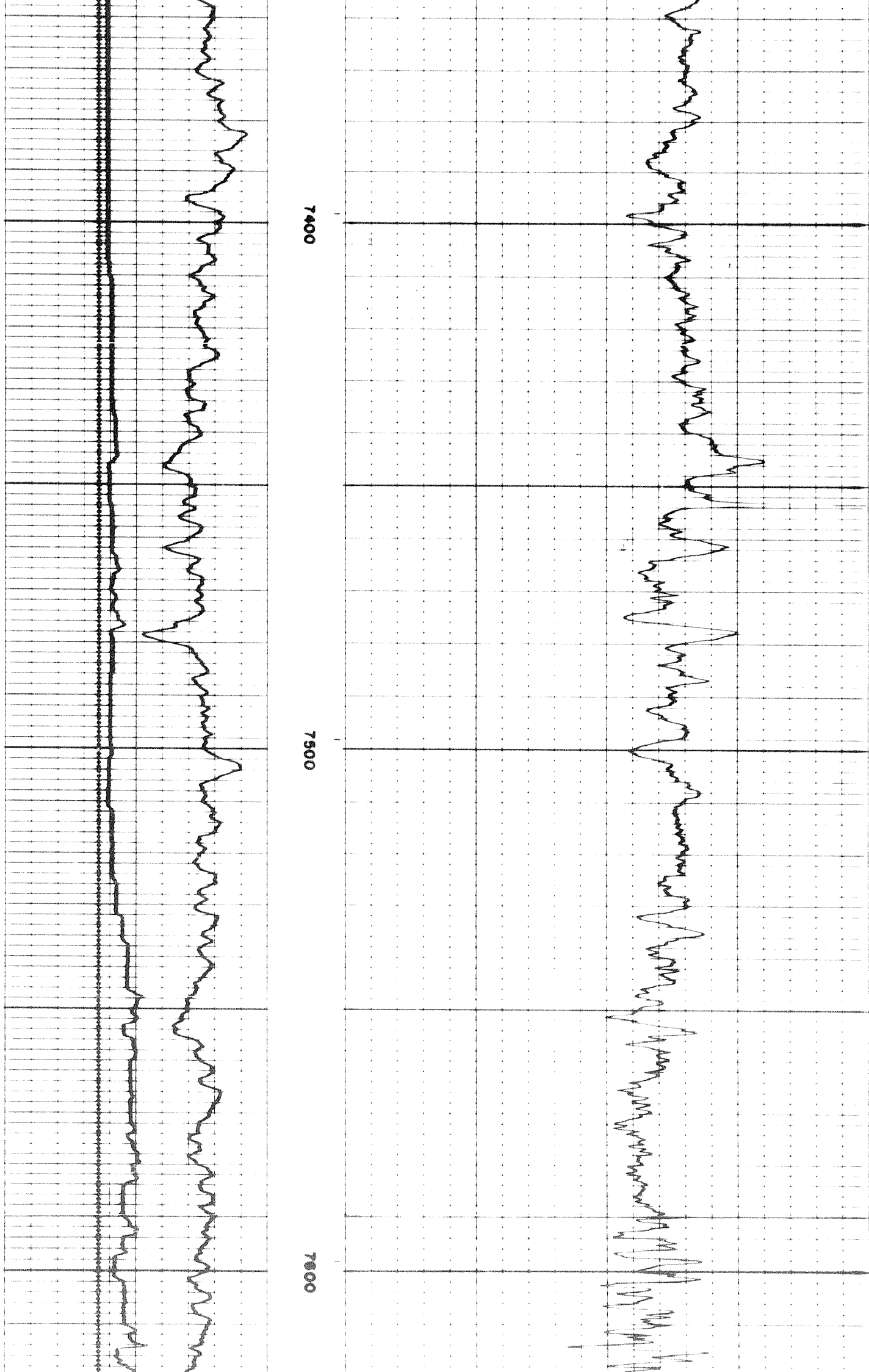


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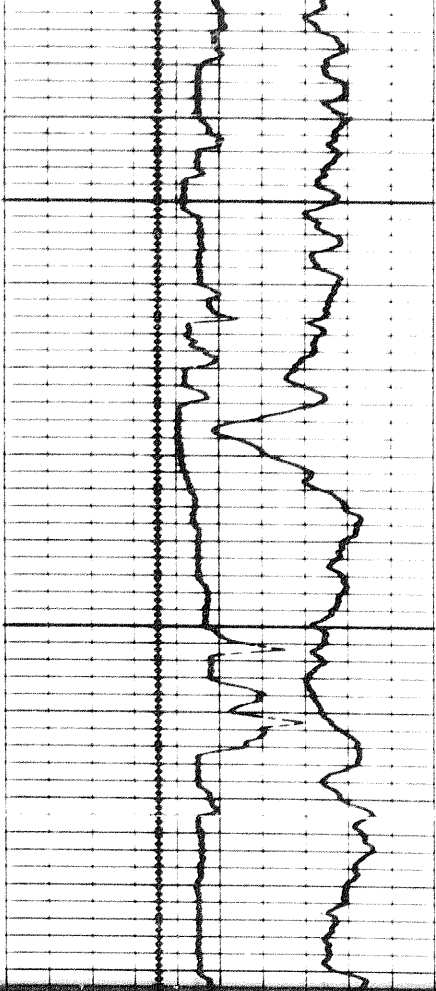


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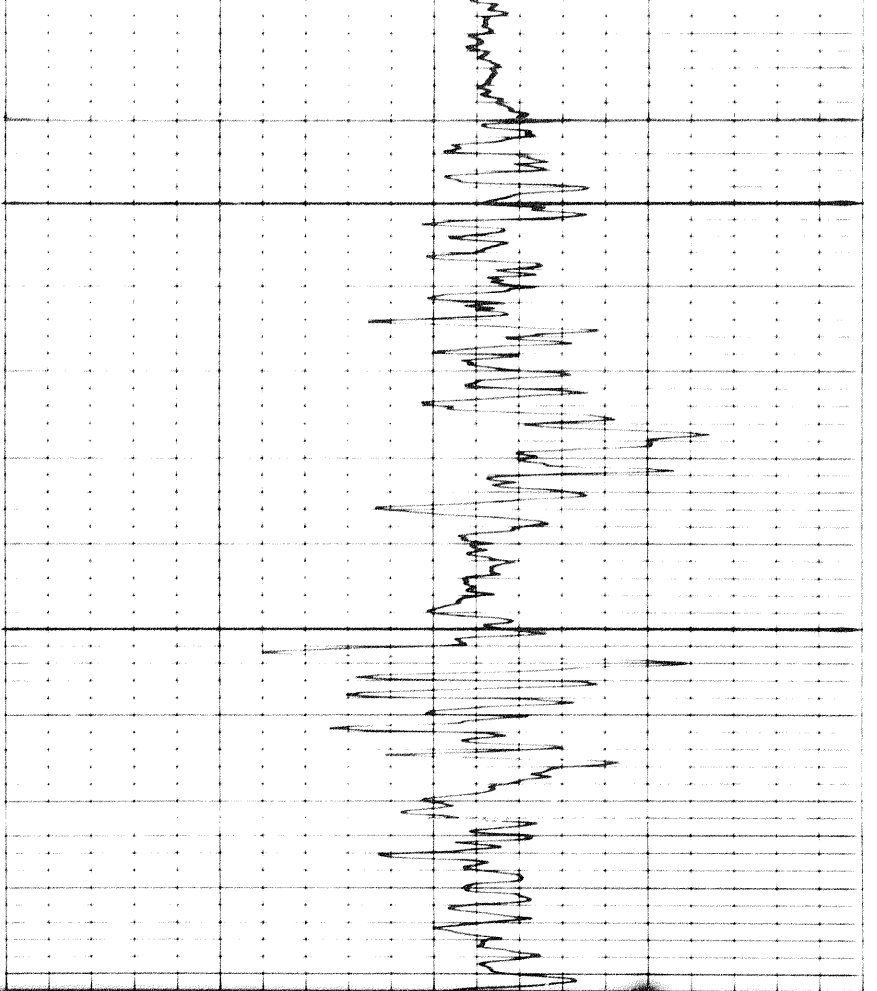
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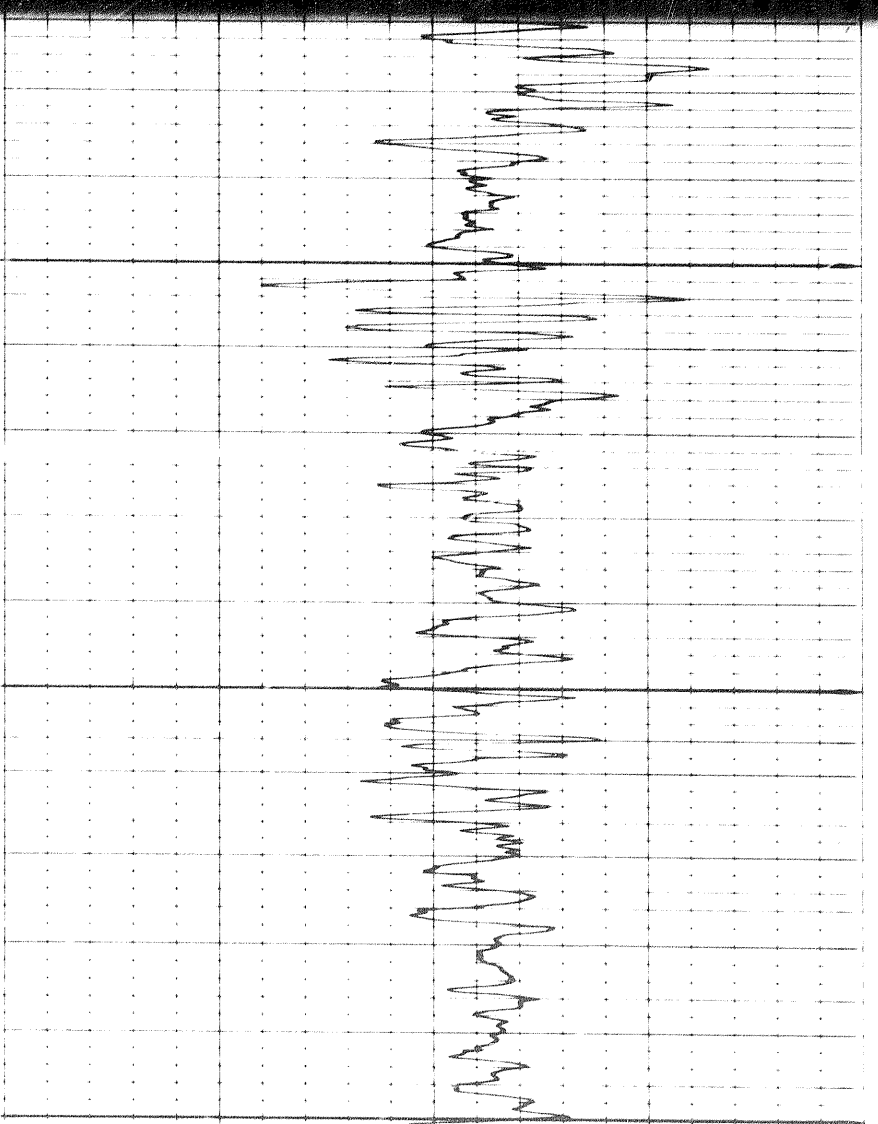
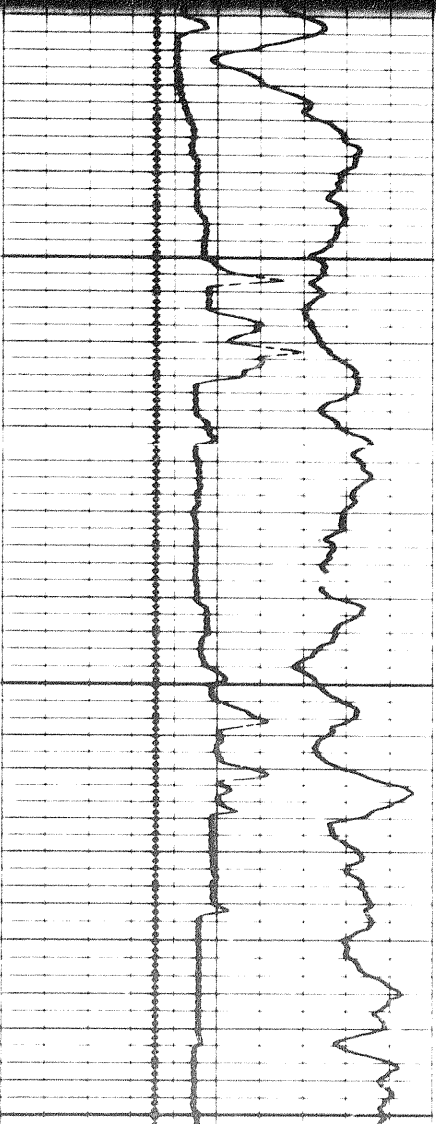
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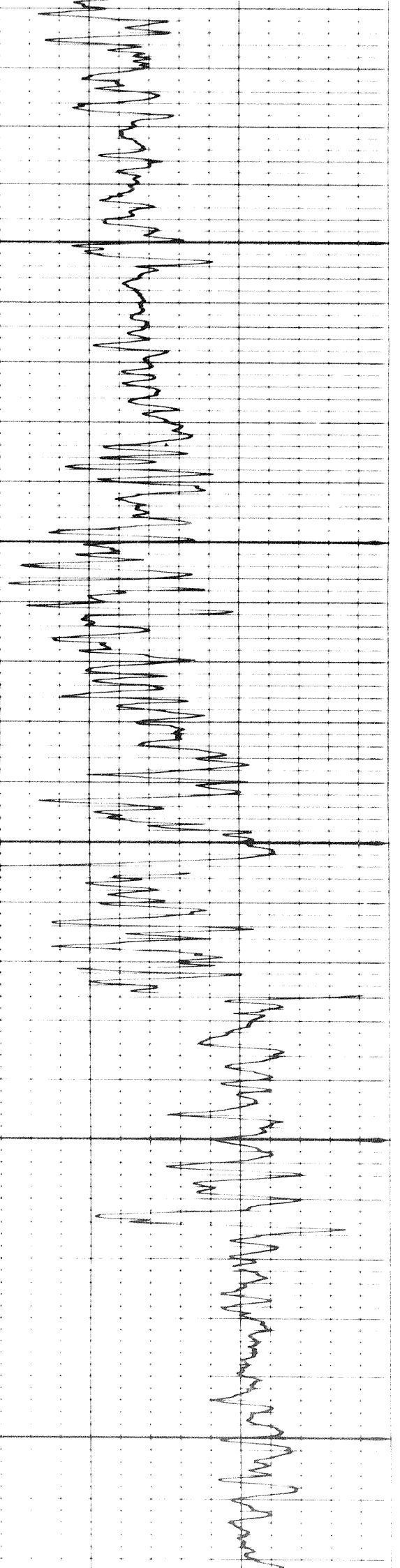


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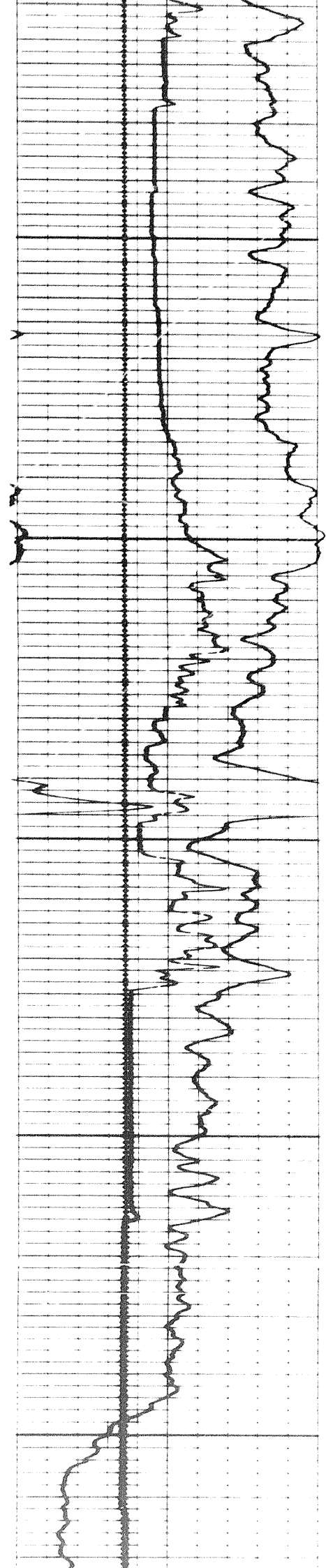
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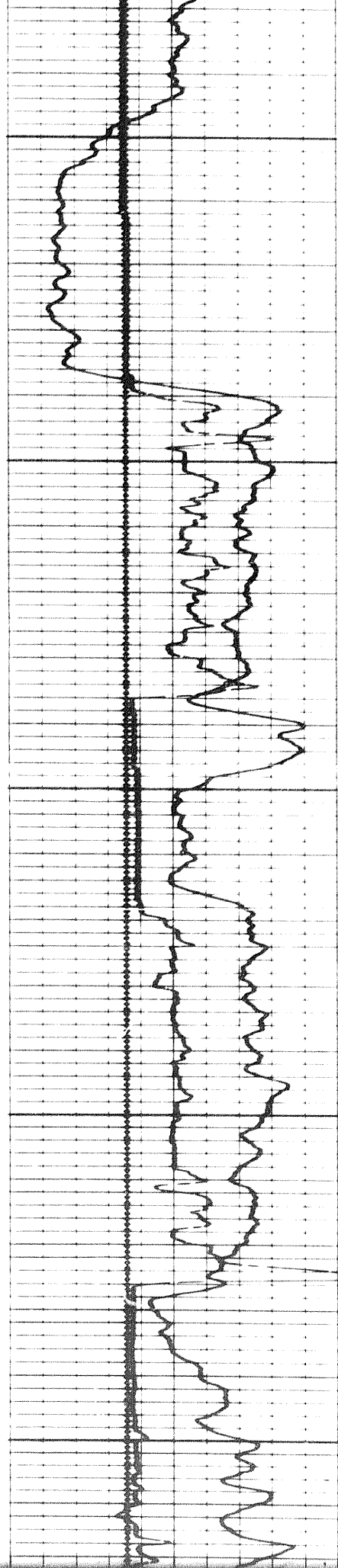


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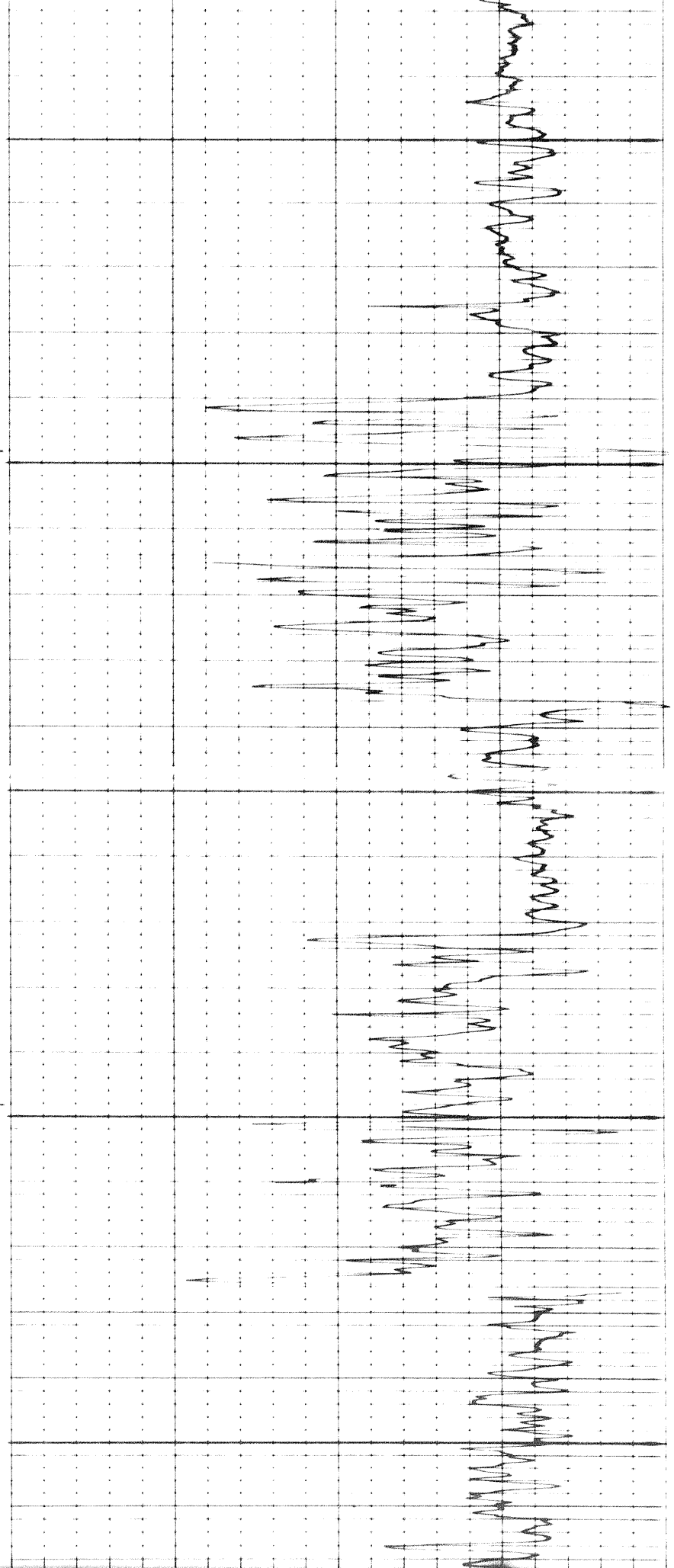


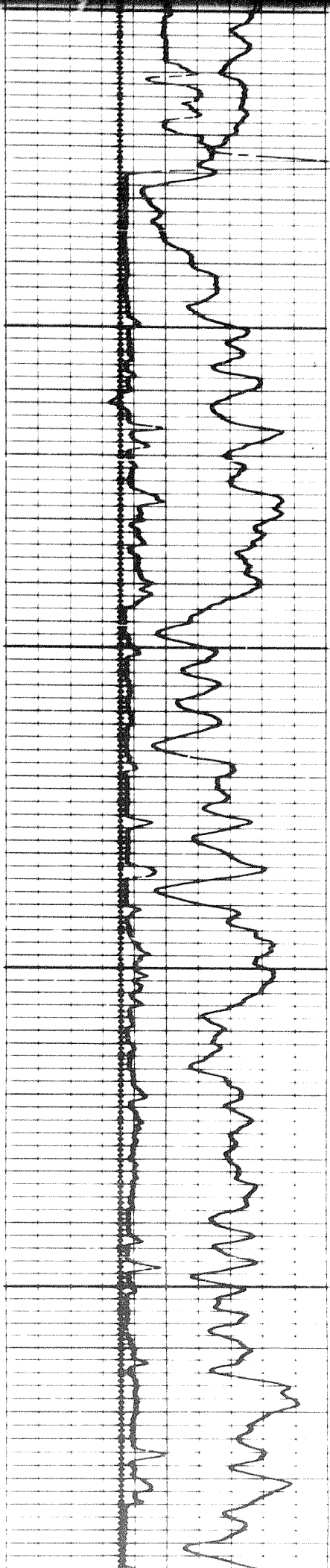
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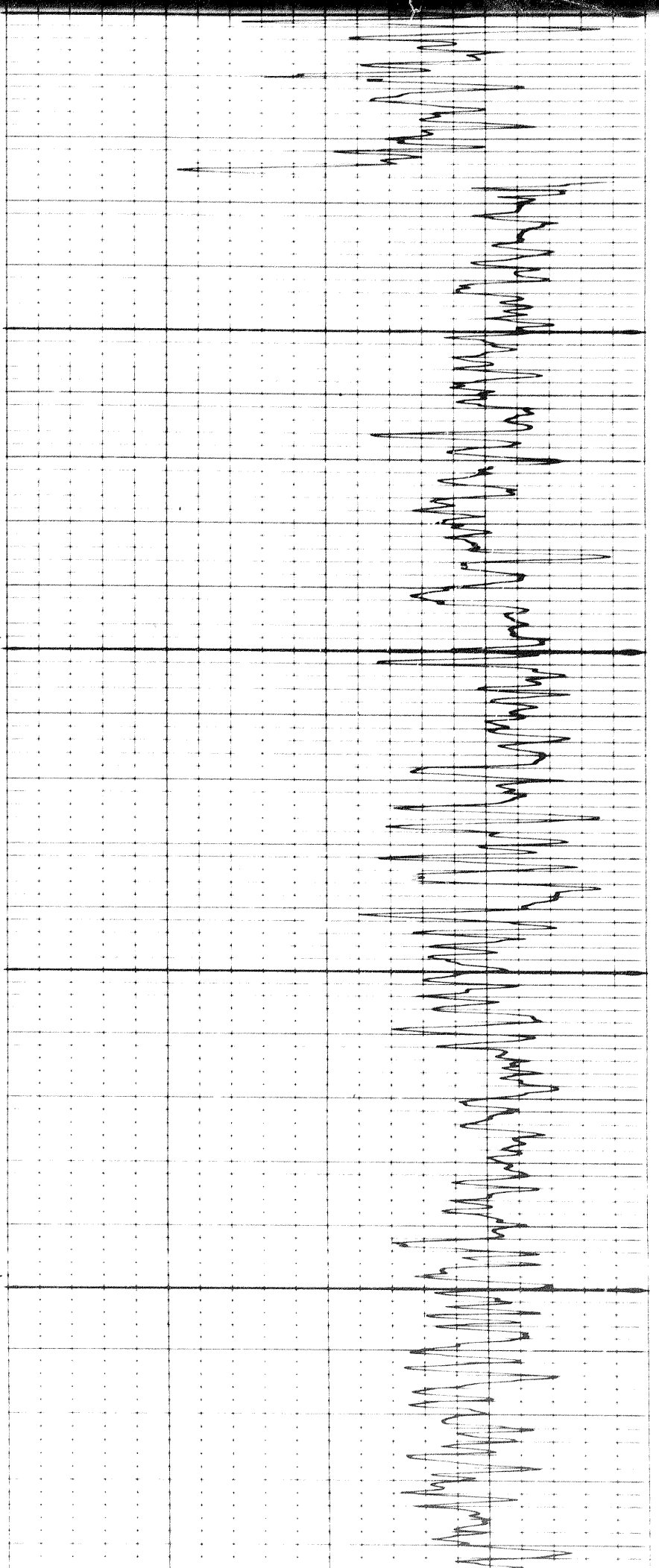


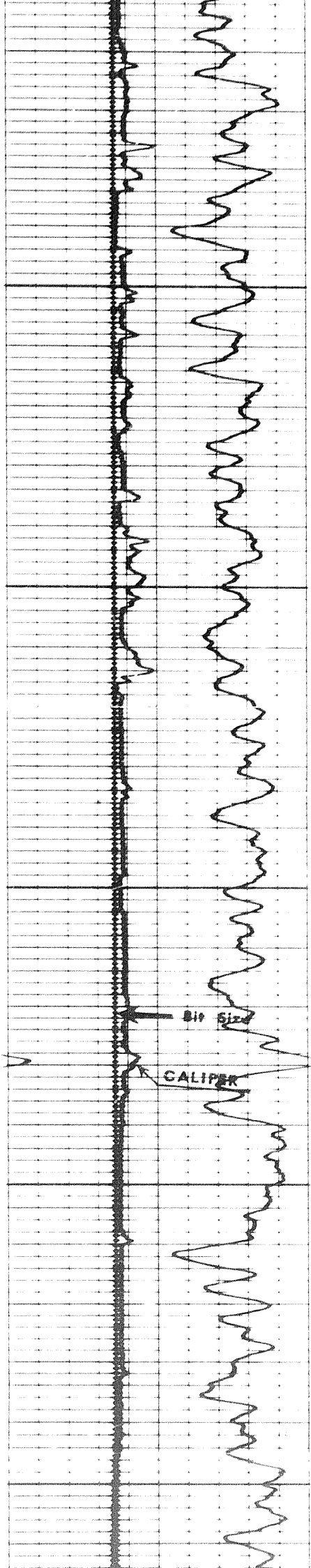


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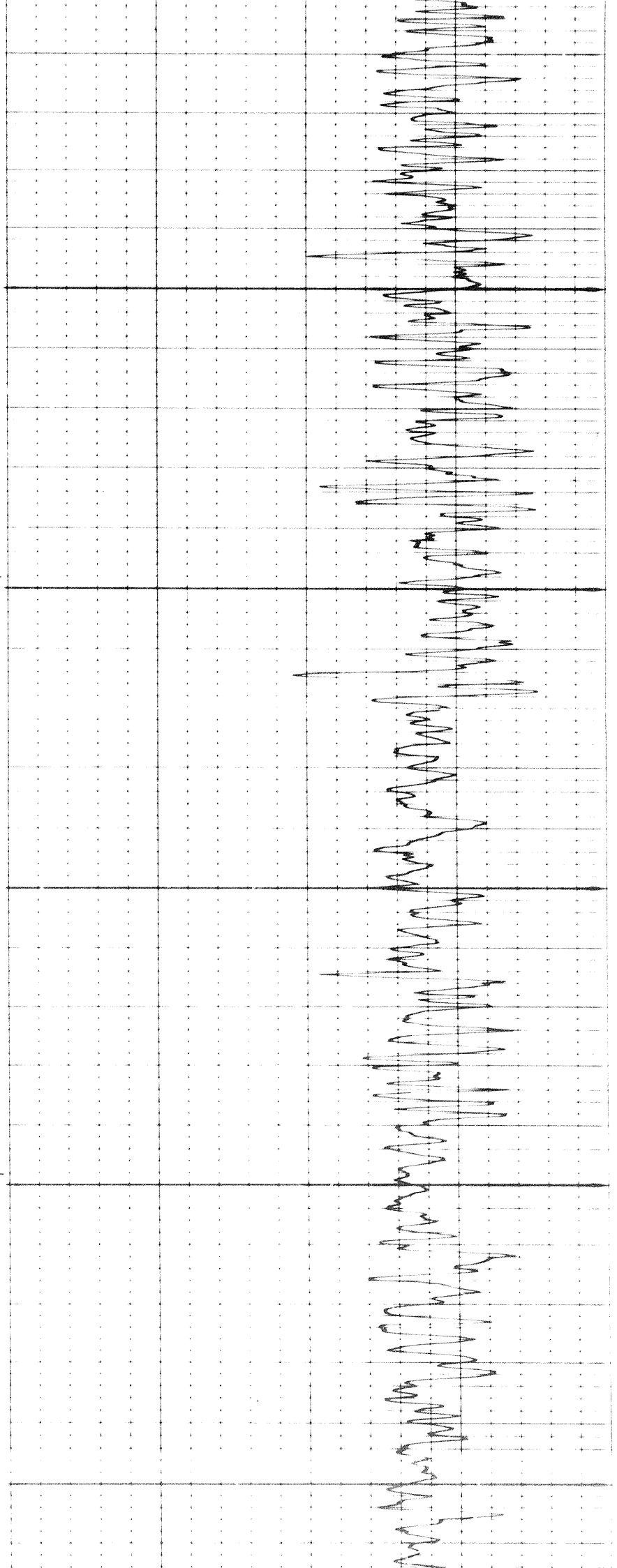
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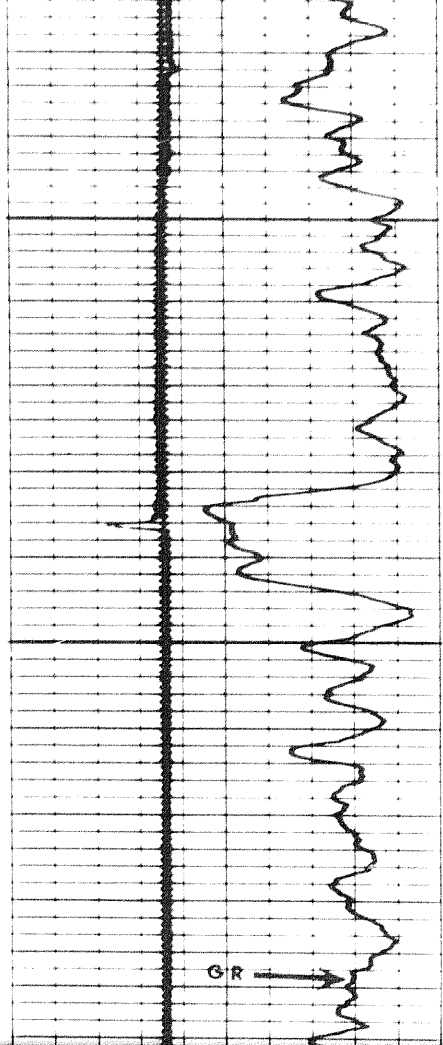


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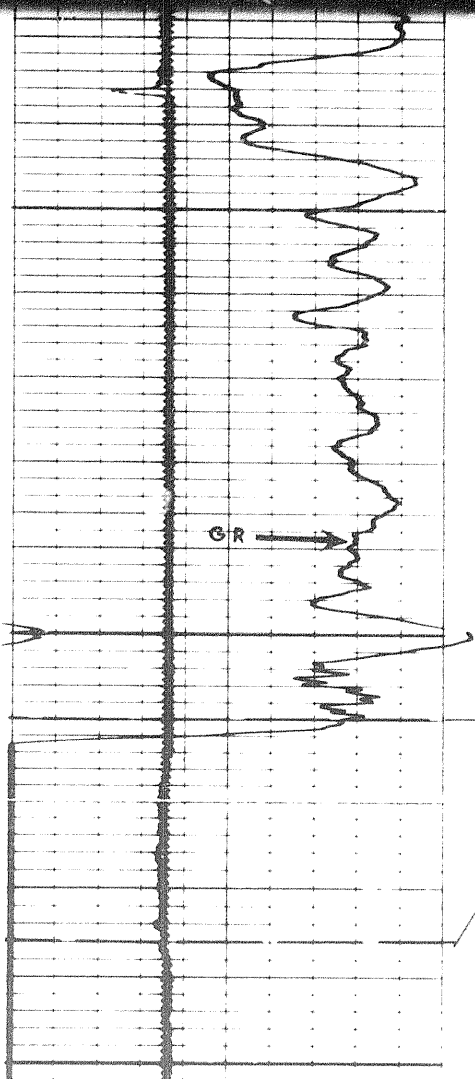
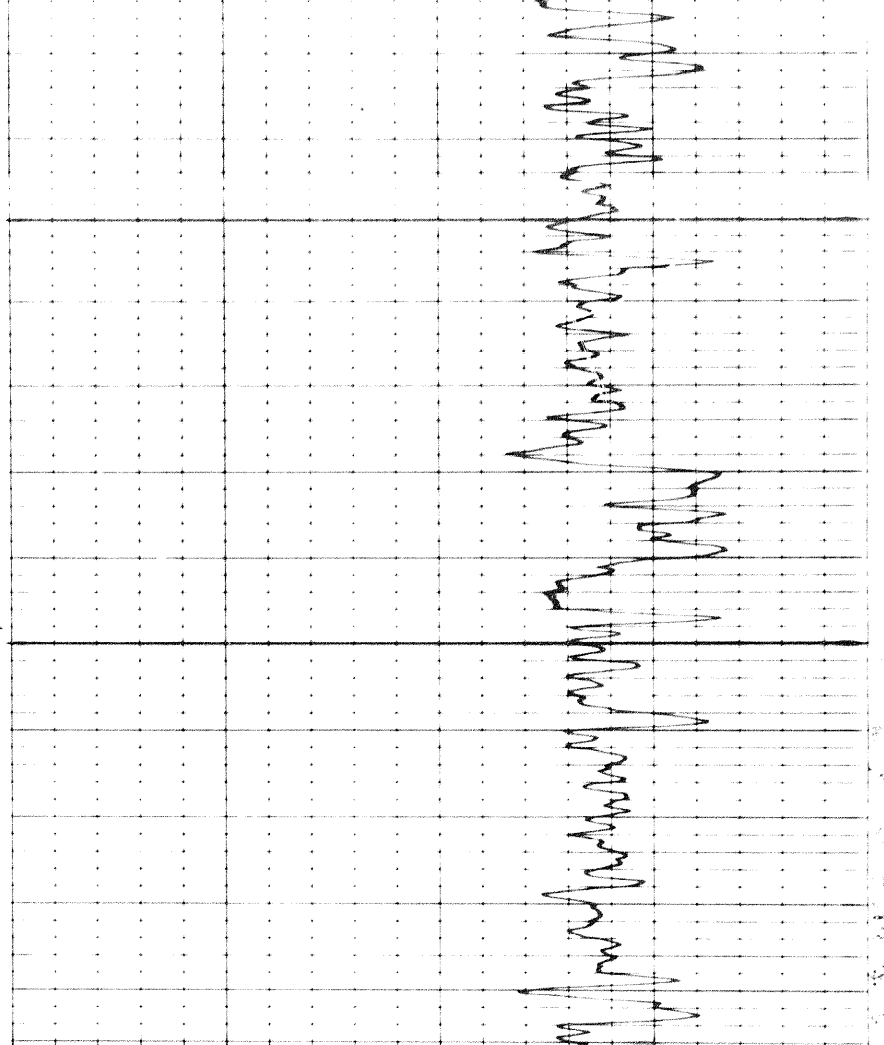
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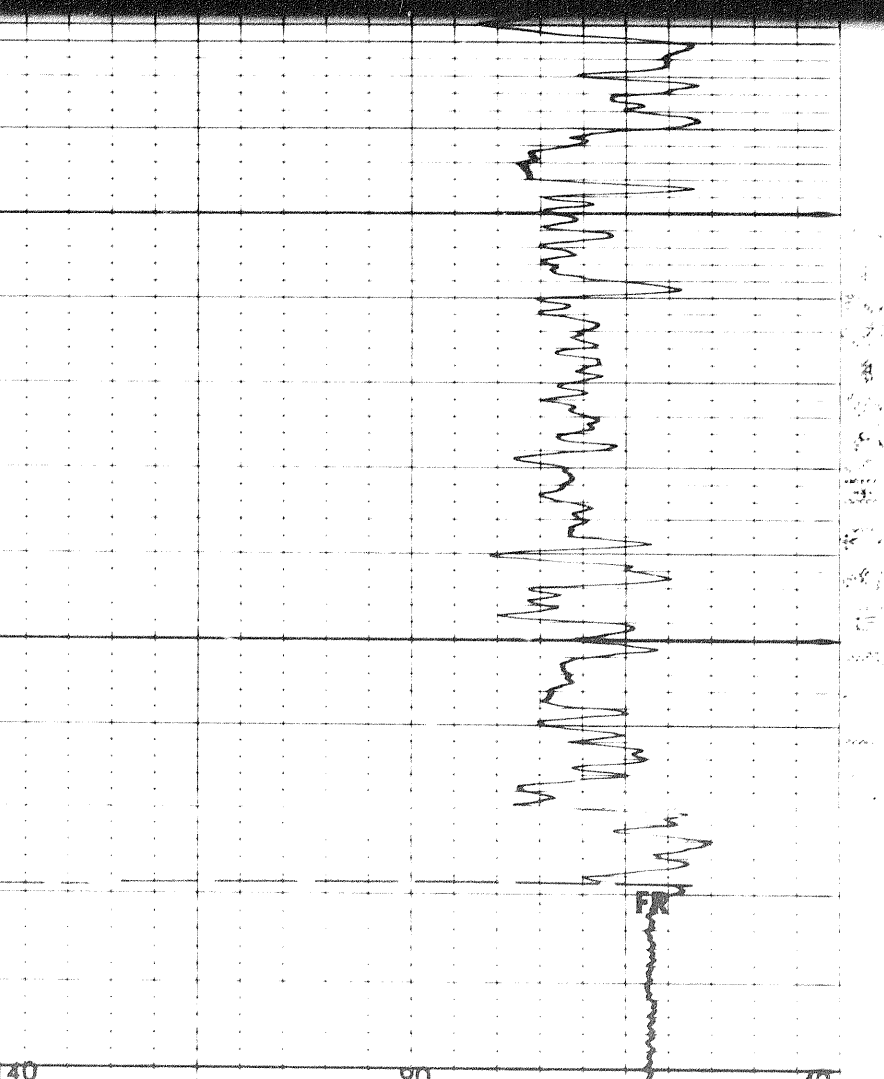
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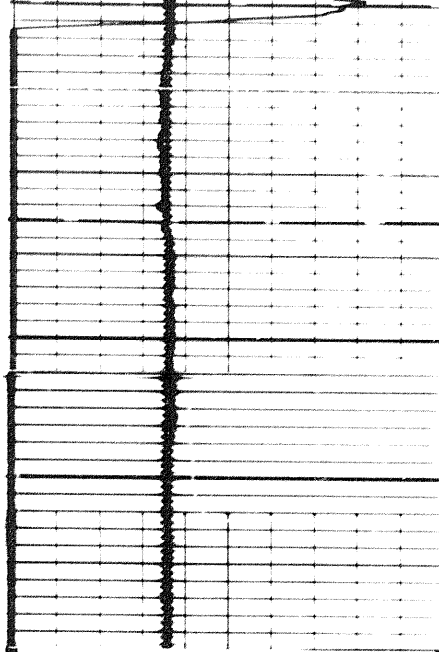
8700

140

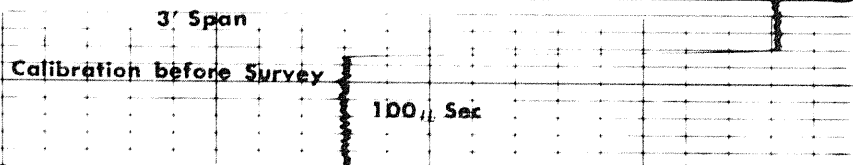
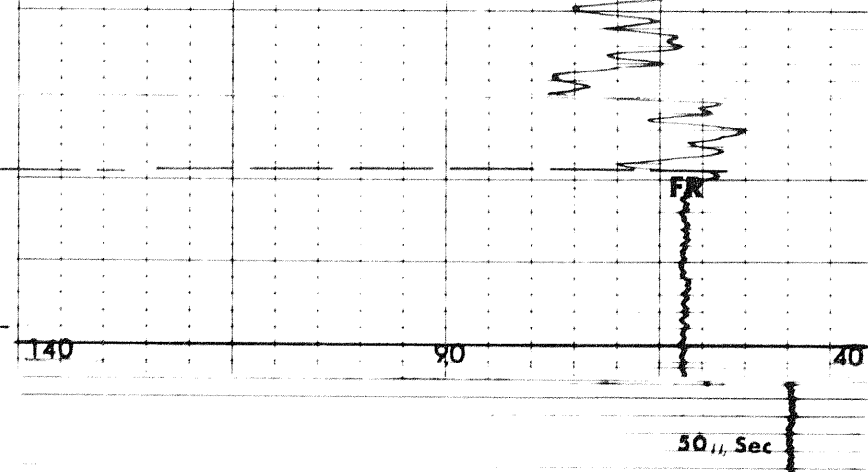
80

40





8700



Interval T.D. to 60
 Sp. 300 ft 2
 Logging Speed 30 ft/min
 ZERO 0 div. to left

0 120
 120 240

140 90 40
 240 190 140

GAMMA RAY
 API UNITS

6 7 8 9 10 11 12 13 14

INTERVAL TRANSIT TIME
 microseconds per foot
 ← Increases

Spacing 3'
 Pickup Span 3'

CALIPER
 Hole Diameter in inches

DEPTH

SONIC

CALIPER
 Hole Diameter in inches

DEPTH

SONIC

GAMMA RAY
 API UNITS

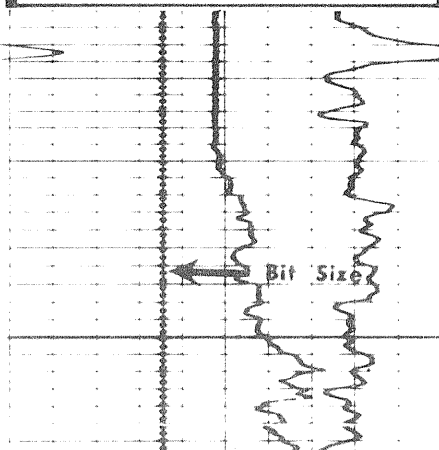
6 7 8 9 10 11 12 13 14

Spacing 3
 Pickup Span 1'

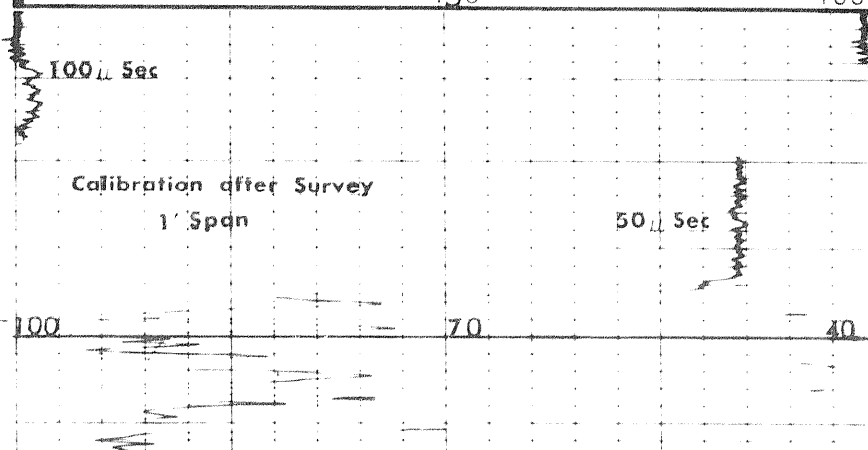
Interval T.D. to 7800
 Sp. 300 ft 2
 Logging Speed 30 ft/min
 ZERO 0 div. to left

0 120
 120 240

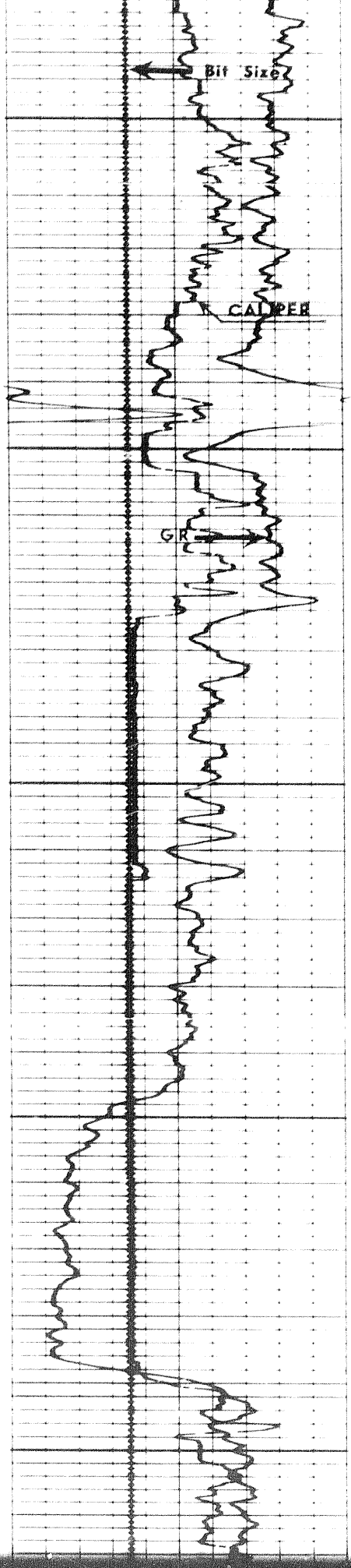
100 70 40
 160 130 100



7800



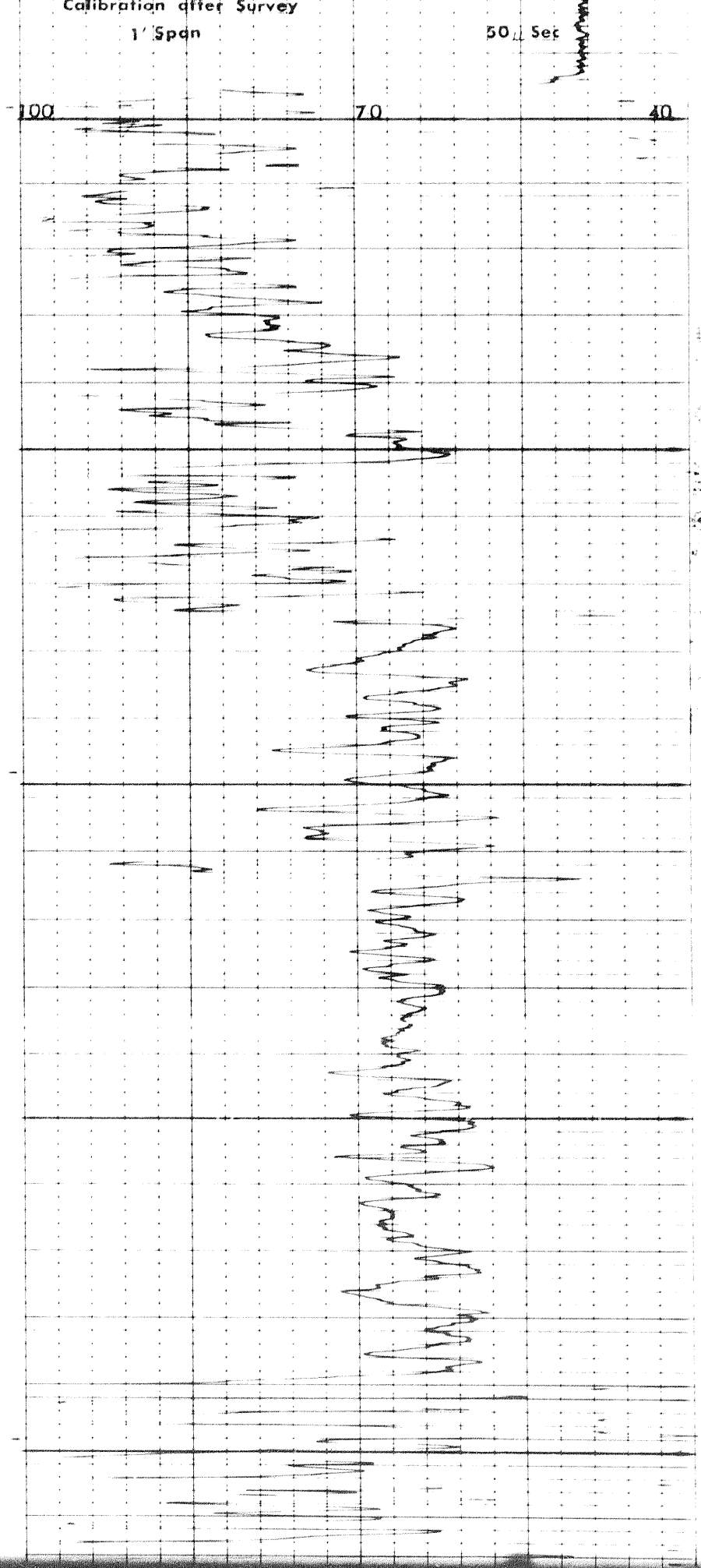
100 70 40

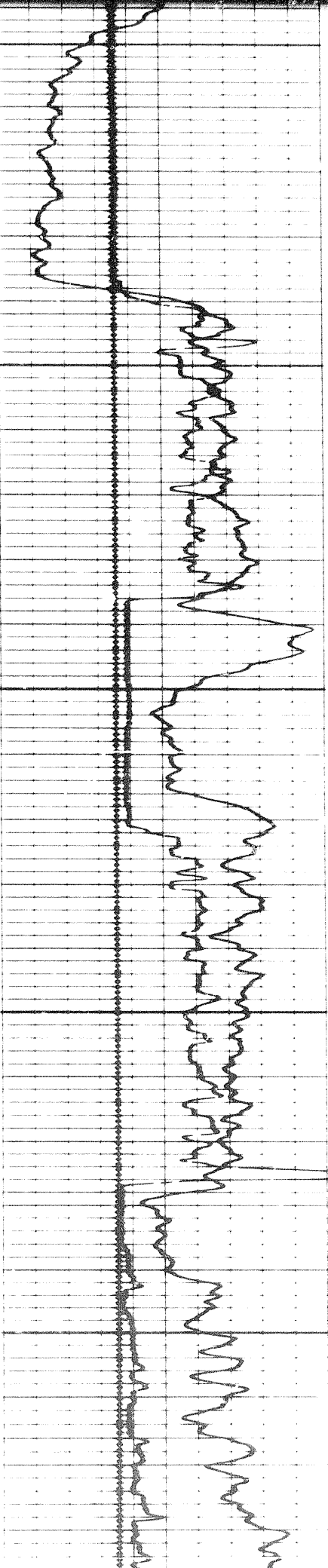


7800

7900

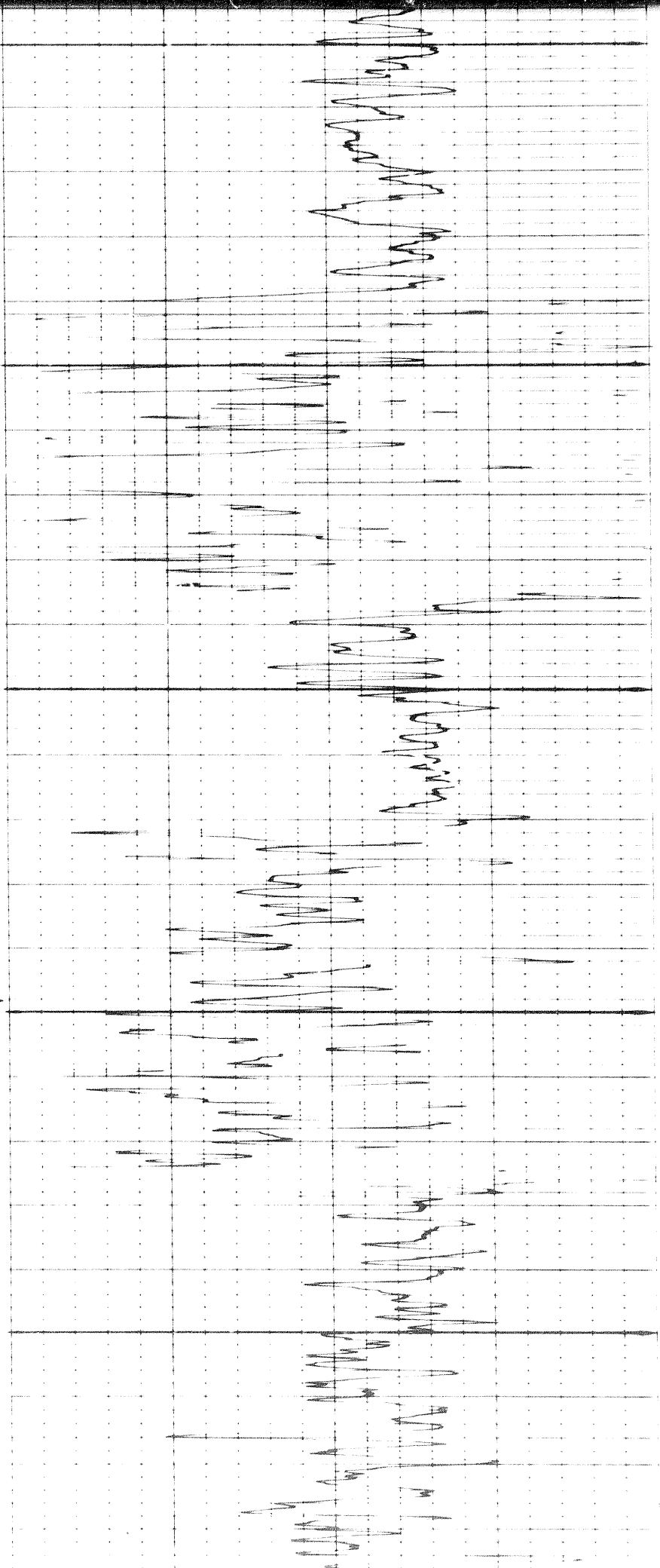
8000

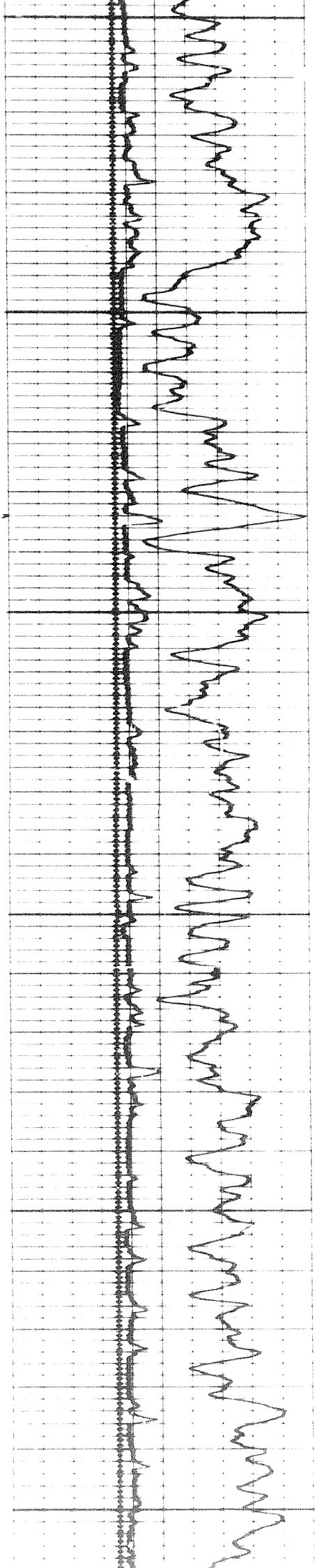




0008

0008

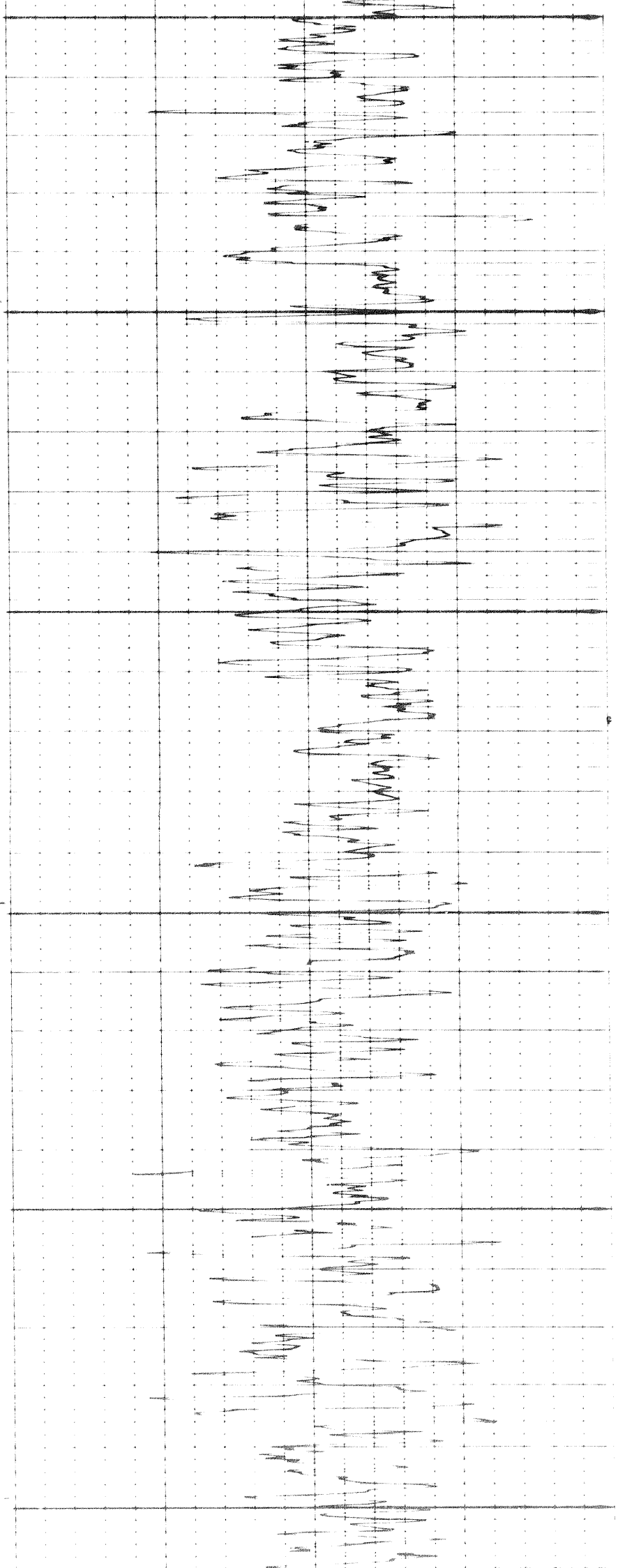




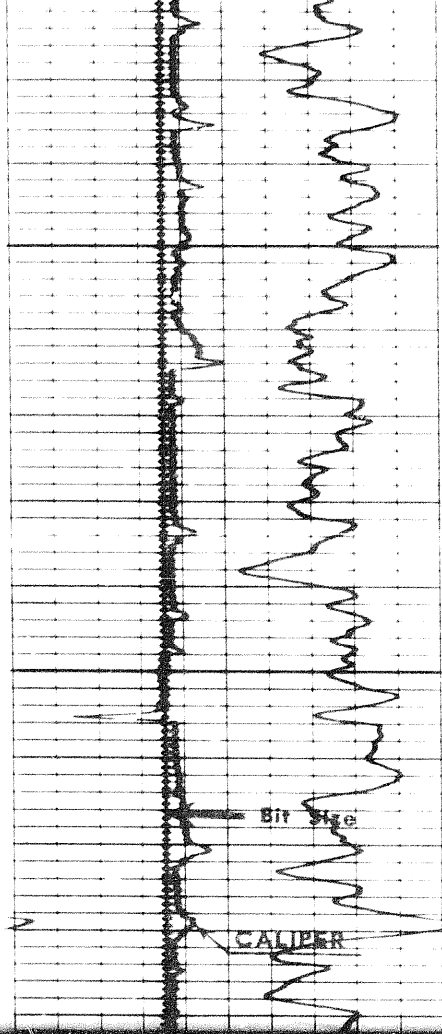
8200

8300

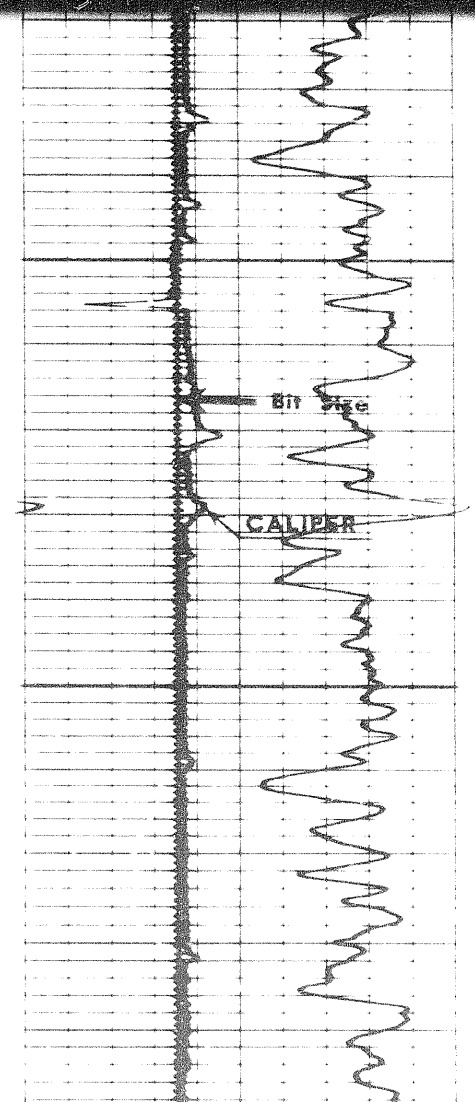
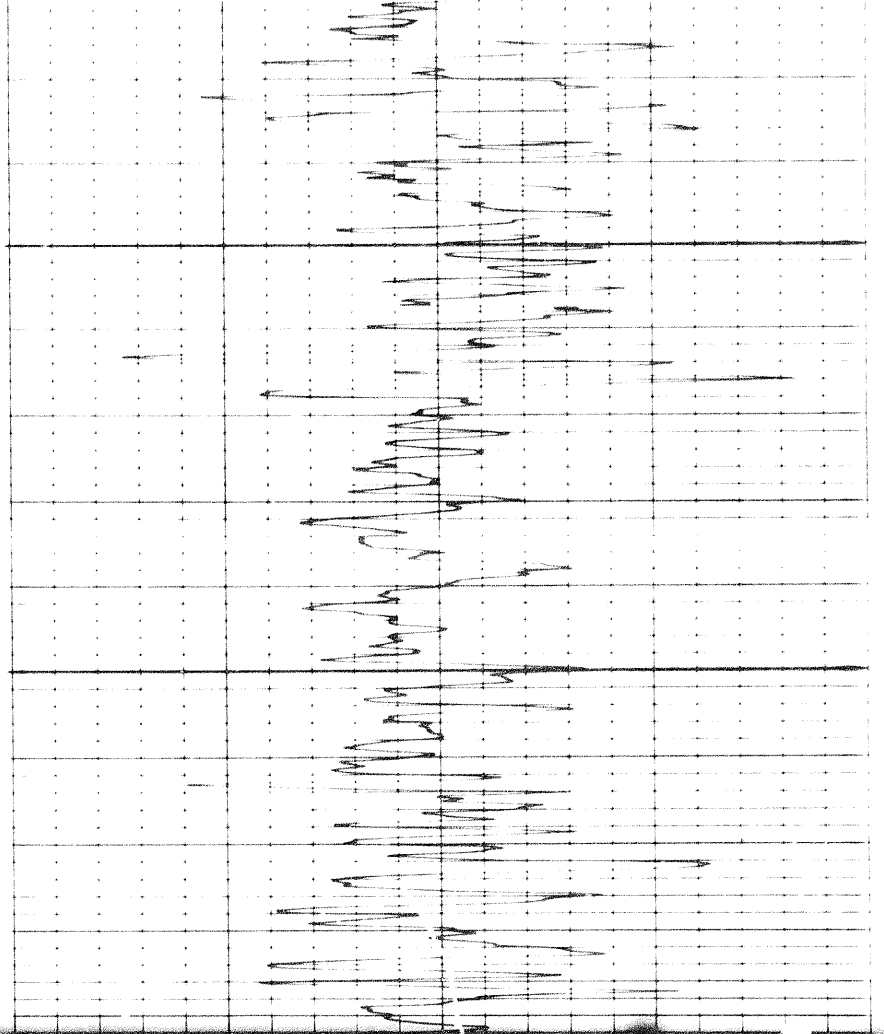
8400



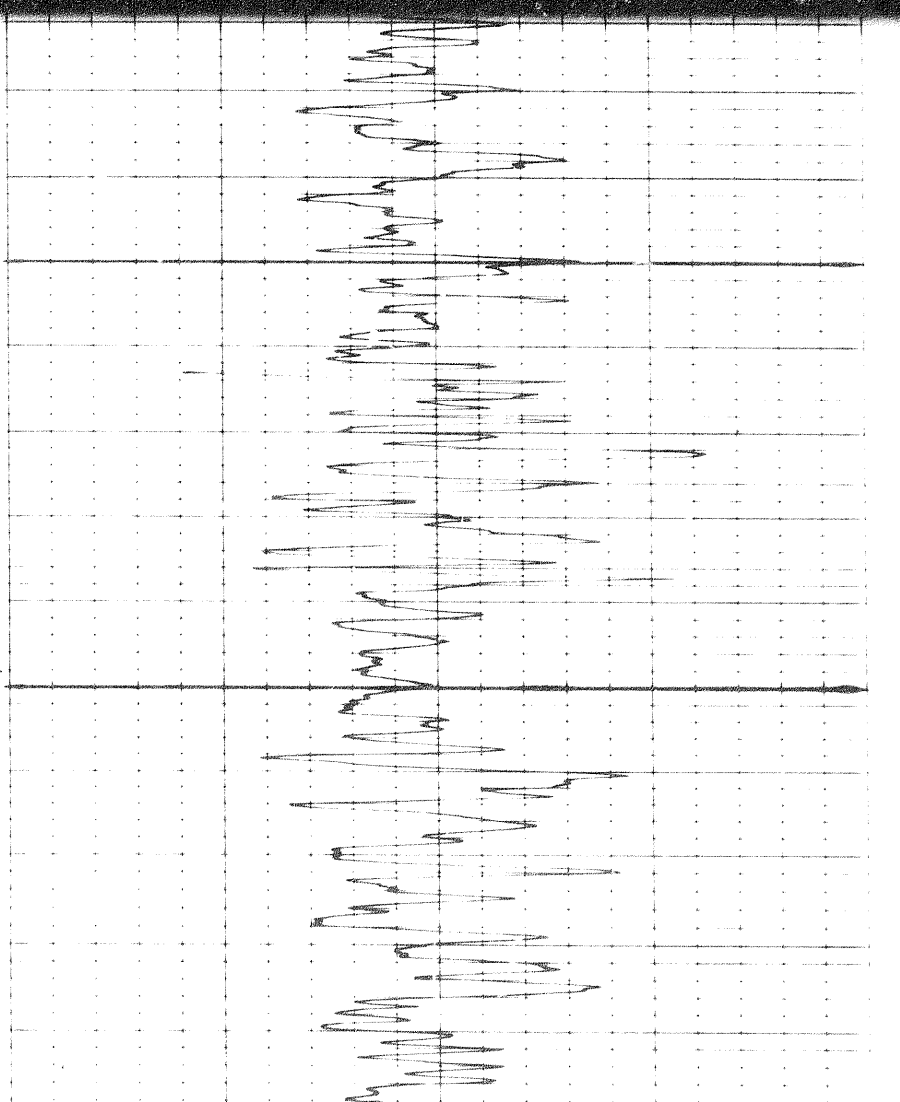
288

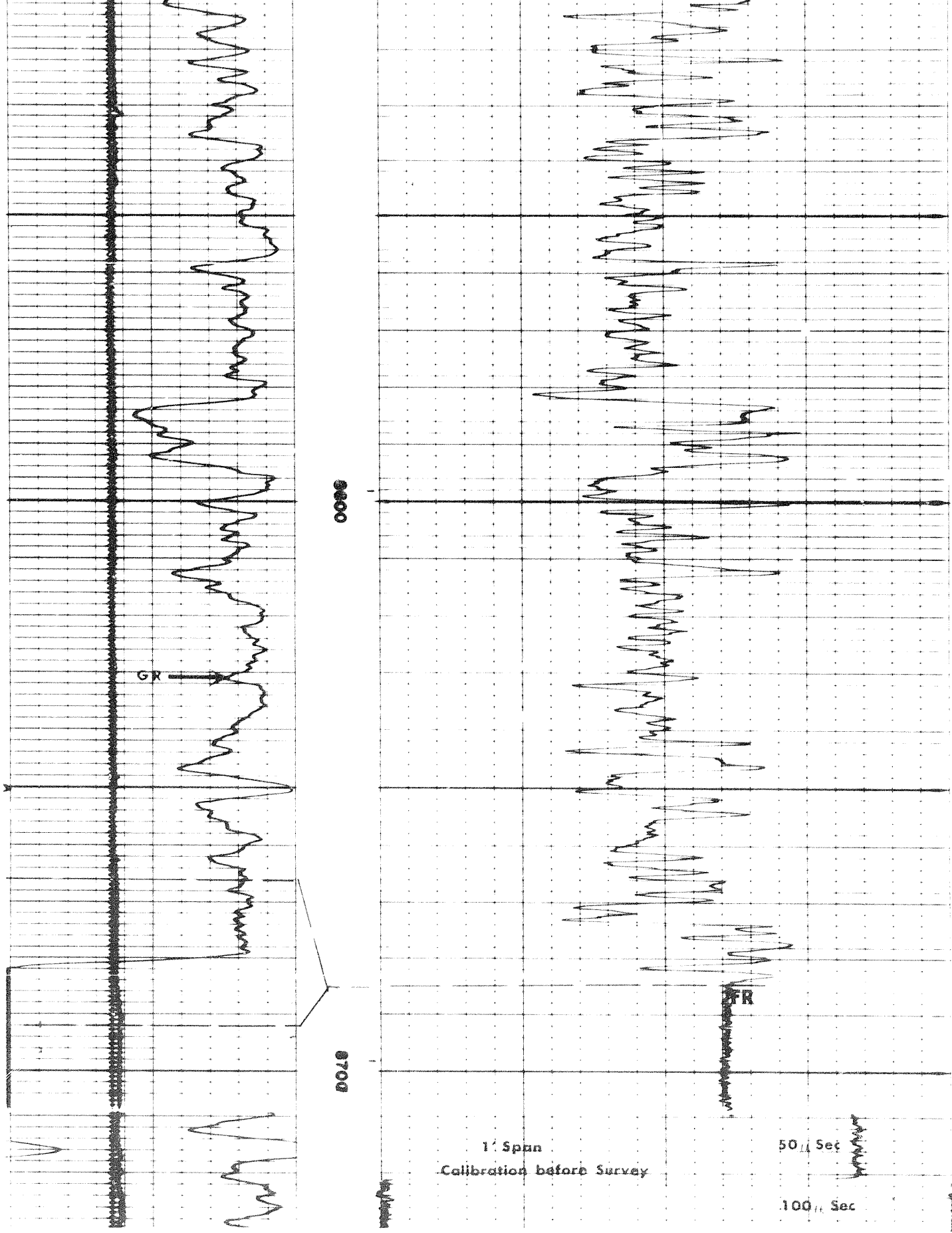


6400



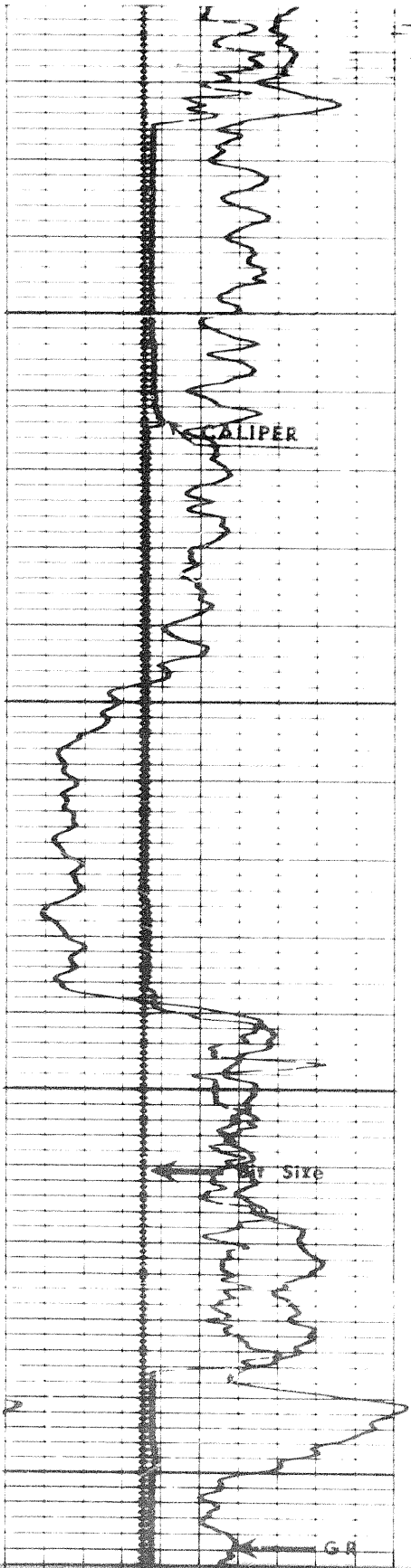
6086





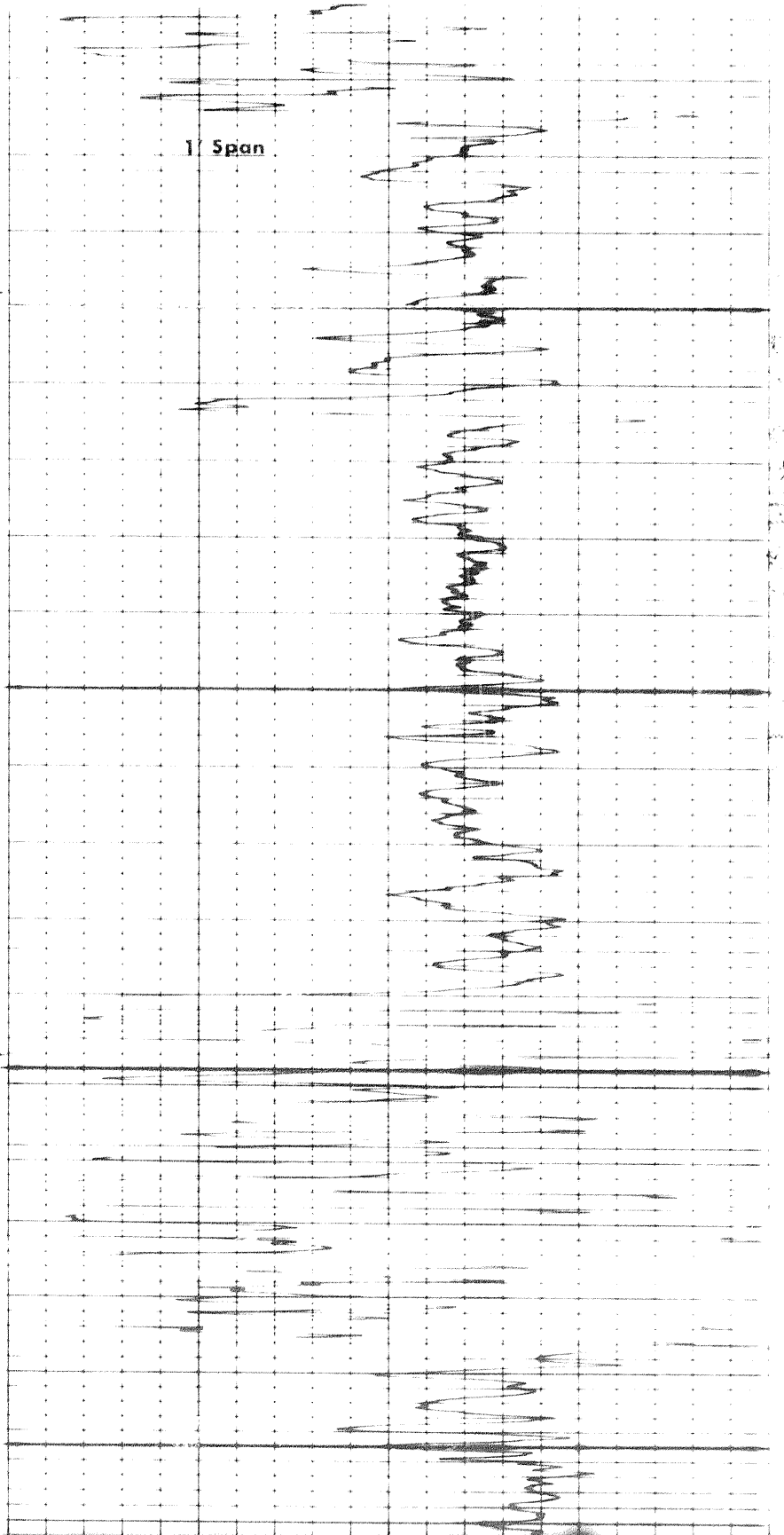
REPEAT SECTION

REPEAT SECTION



7880

8000



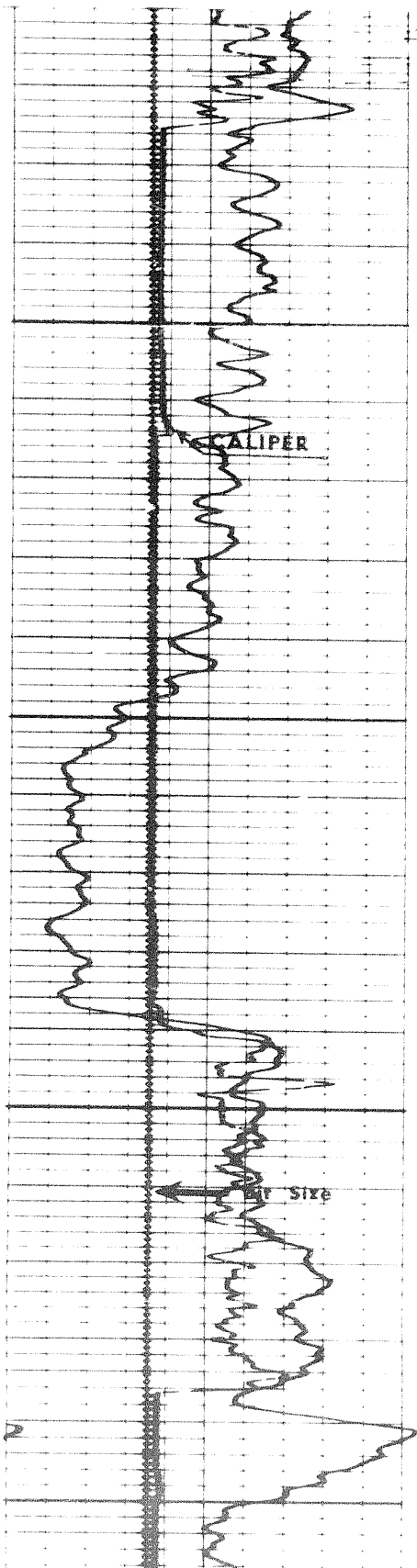
100 // Sec

3907

WASH DC

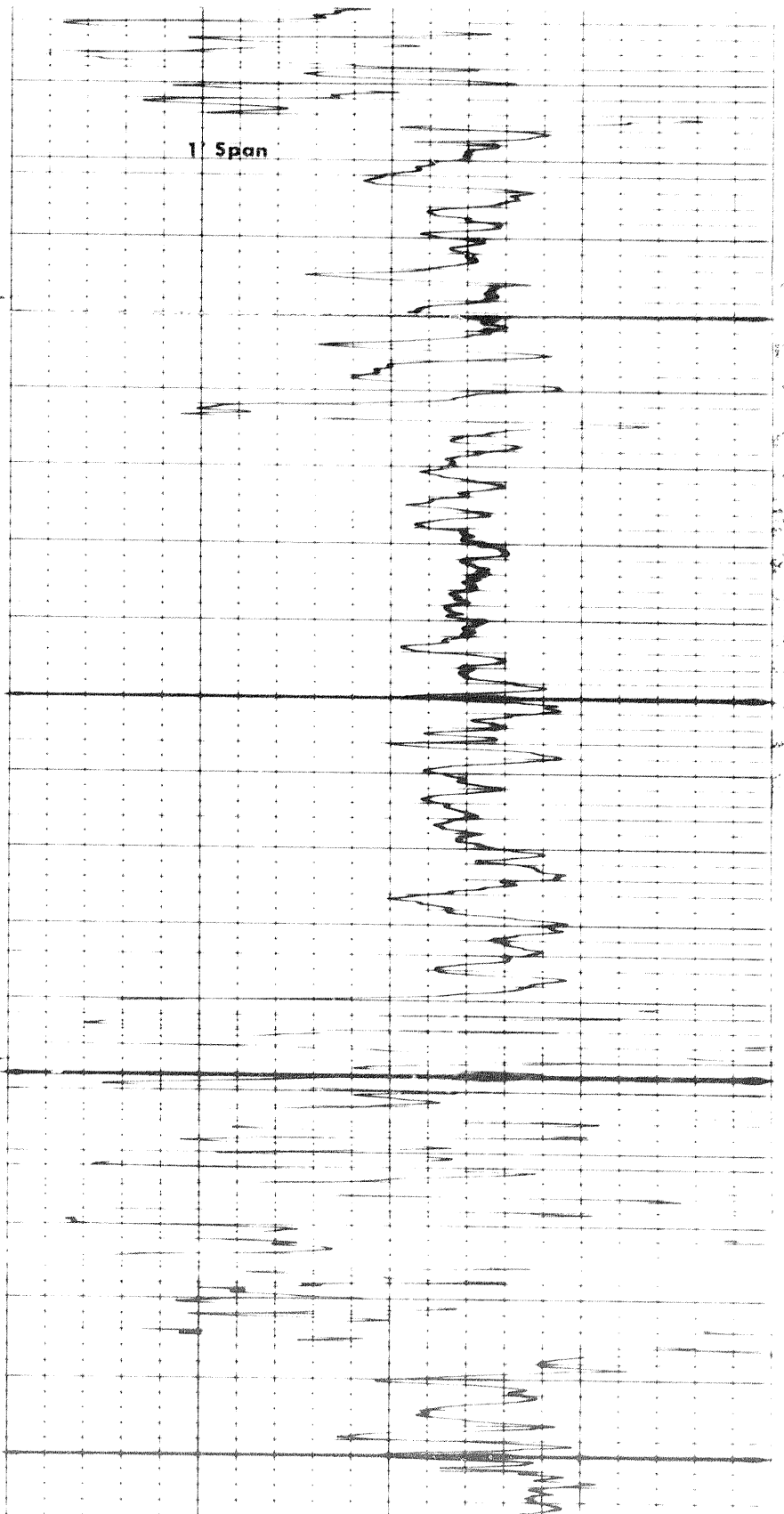
100 μ Sec

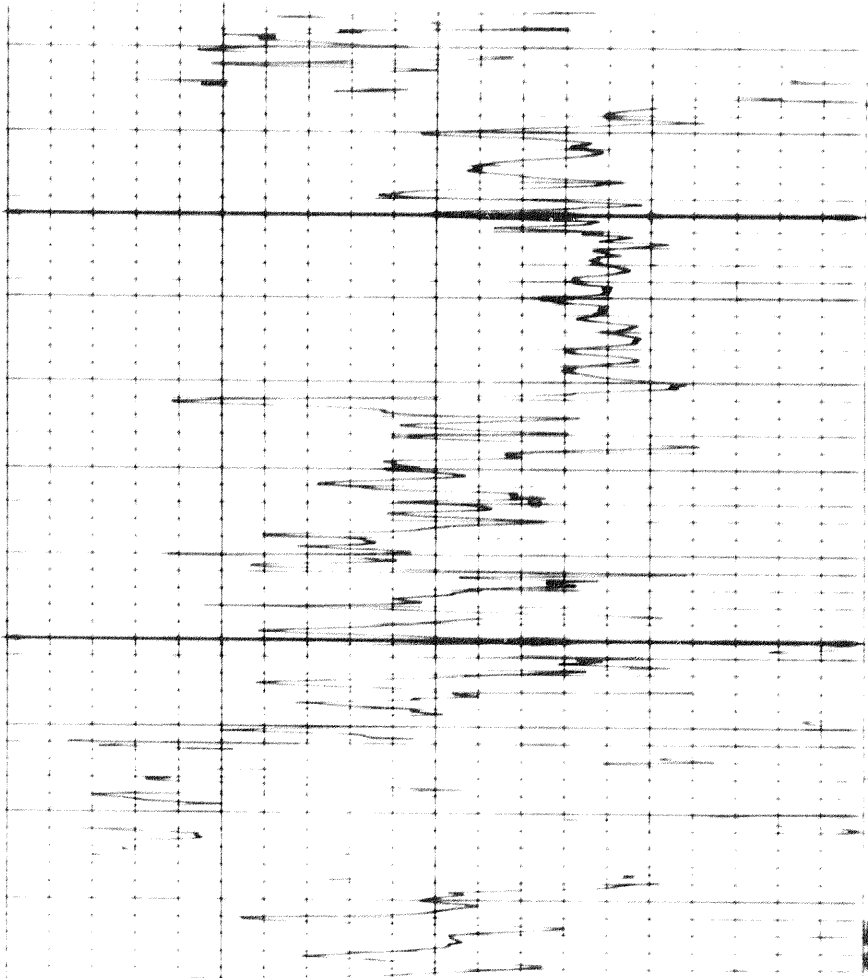
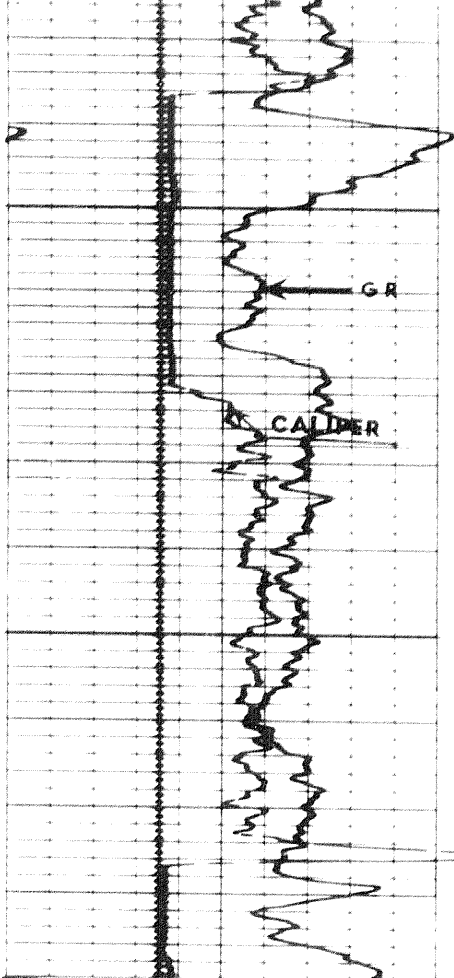
REPEAT SECTION



0084

0088





Interval T.D.	7800
300	2
30	
0	
0	120
120	240

GAMMA RAY
API UNITS

1	2	3	4	5	6	7	8	9	10	11	12	13	14
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CALIPER
Hole Diameter in inches

DEPTHS

100	70	40
160	130	100

INTERVAL TRANSIT TIME

3

1

SONIC

COMPANY	SOCONY MOBIL OIL OF CANADA LTD.	2.49	61	8631
		2.21	54	8693
		2.53	27	8704
		134		
WELL	SOCONY MOBIL WESTERN MINERALS MOLAR YT-P-34			2635.6
FIELD	WILDCAT			2622.0
	PROVINCE YUKON TERRITORY			

304