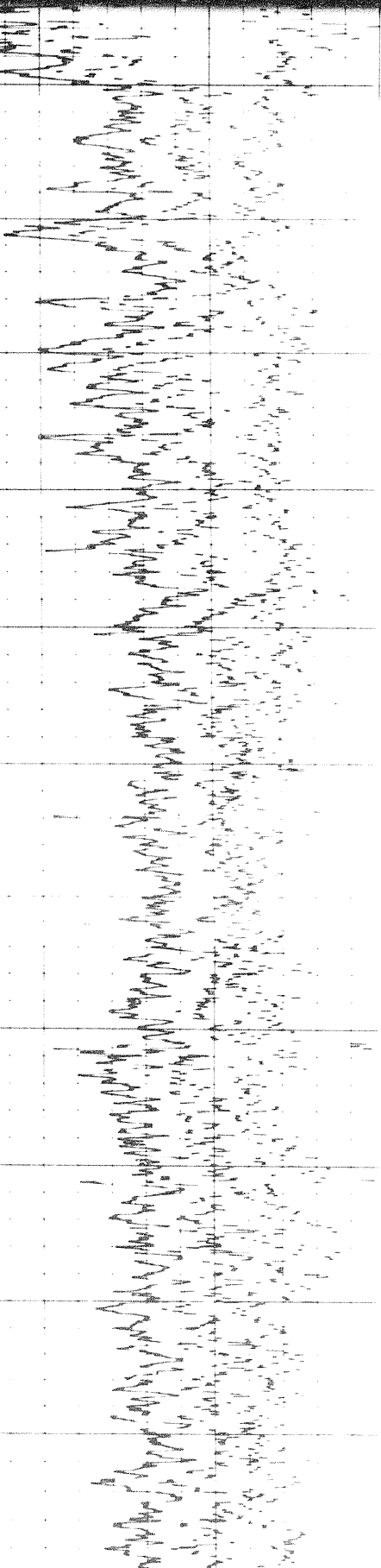


1100



1100

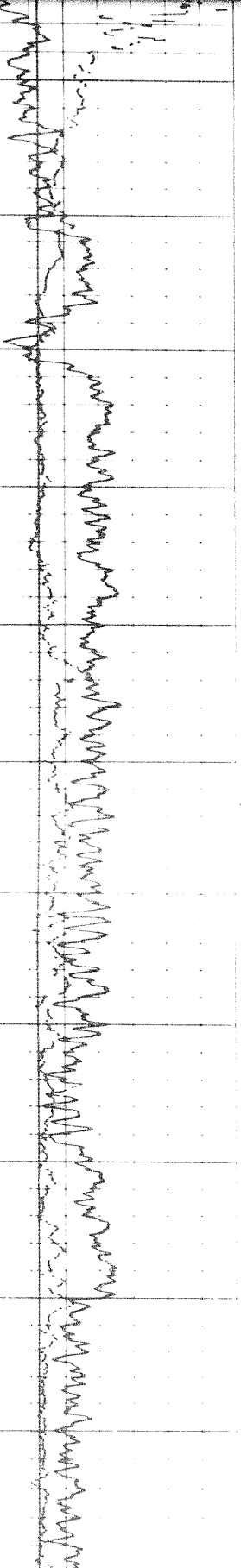
1200

1300

1400

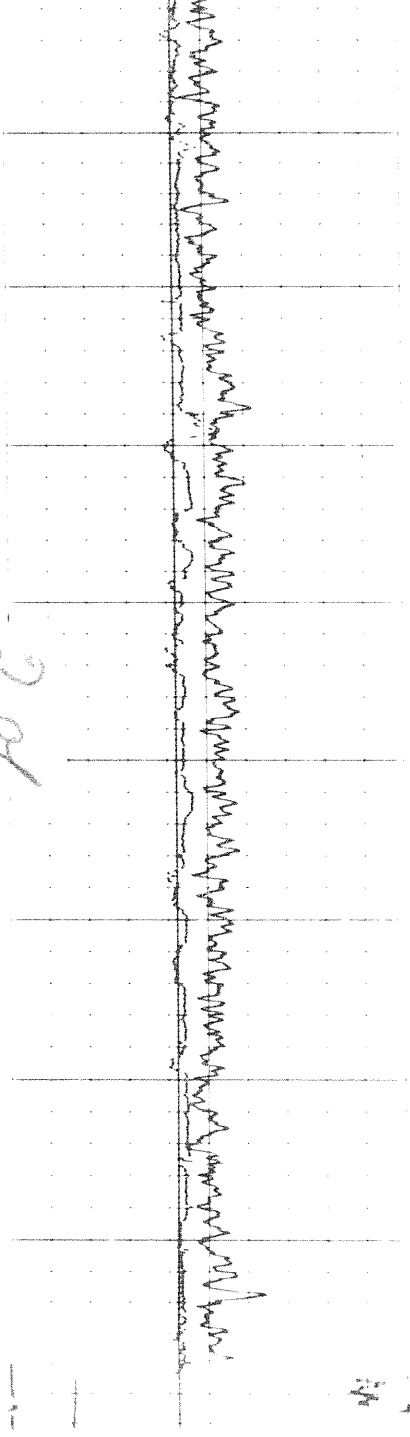
1500

1600



1

2 of 2



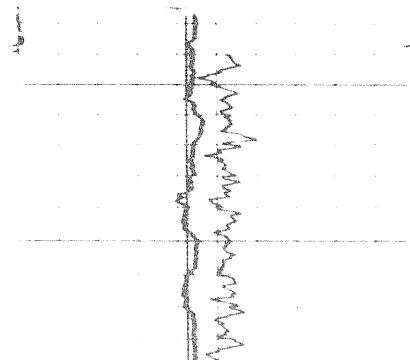
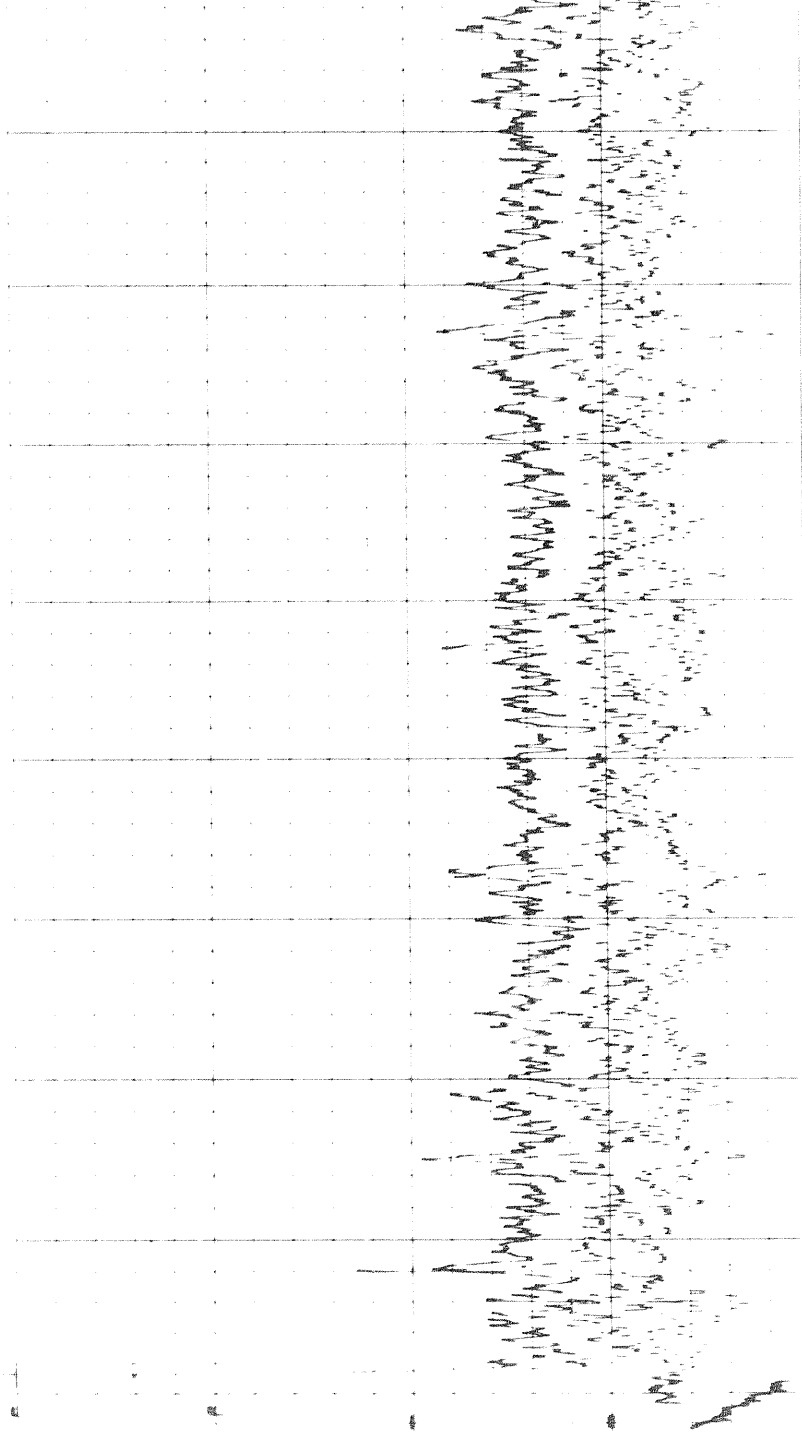
1600

1700

1800

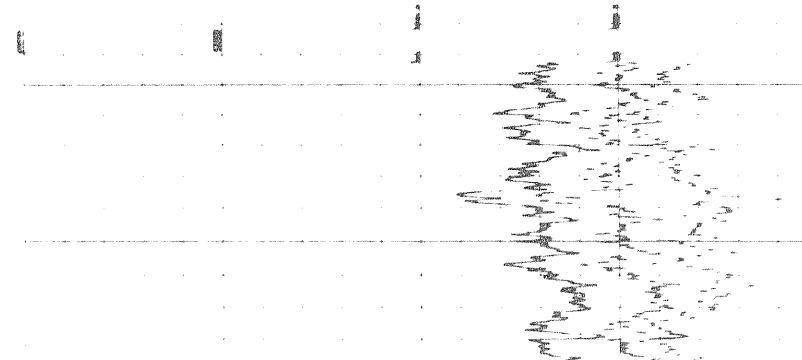
1900

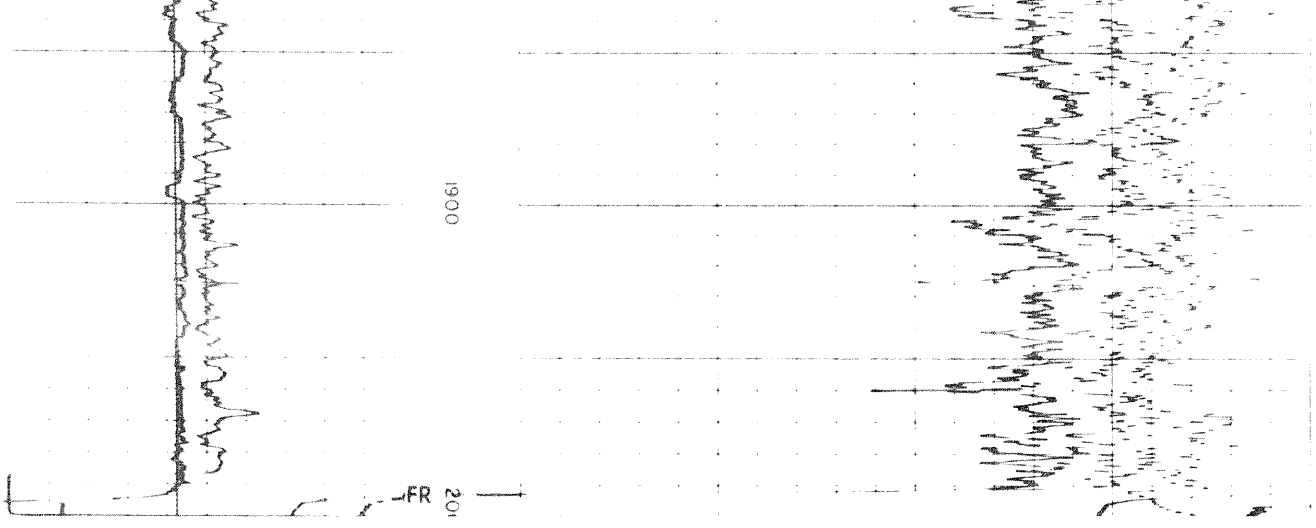
2000
100
50
25



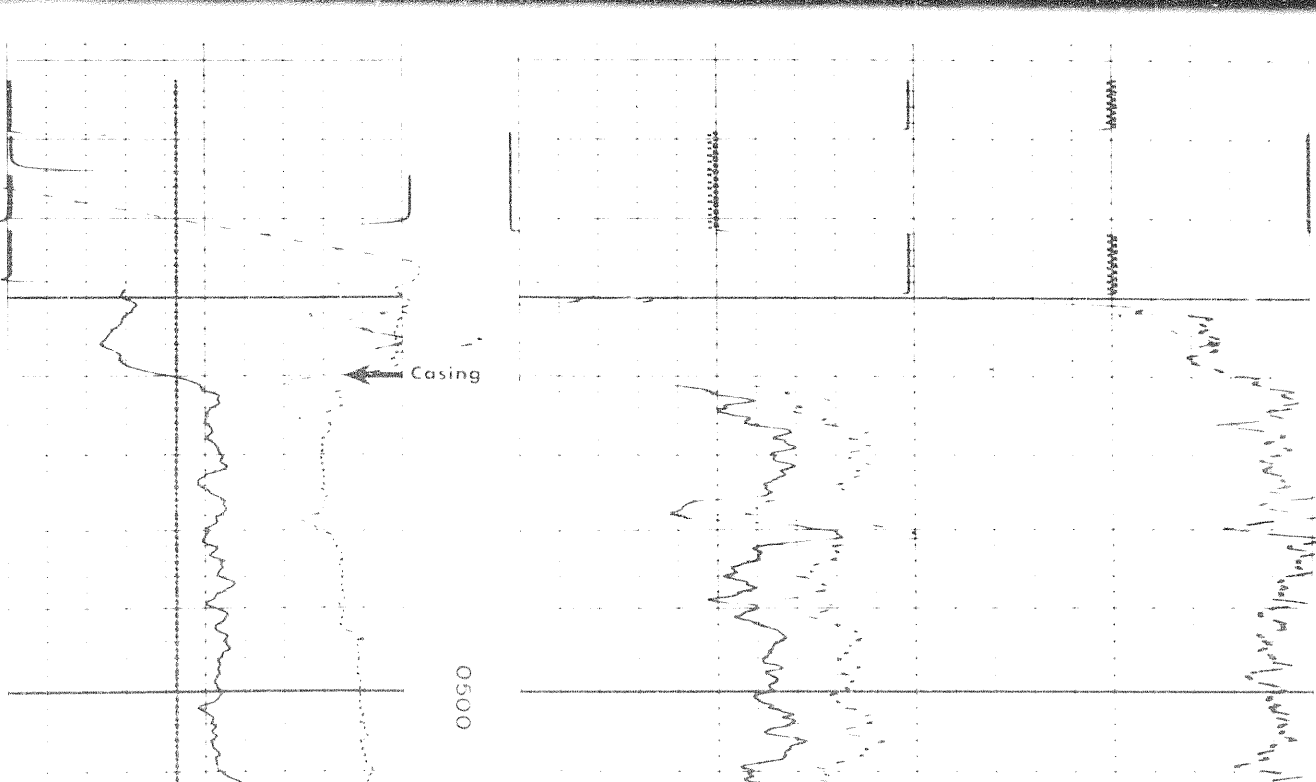
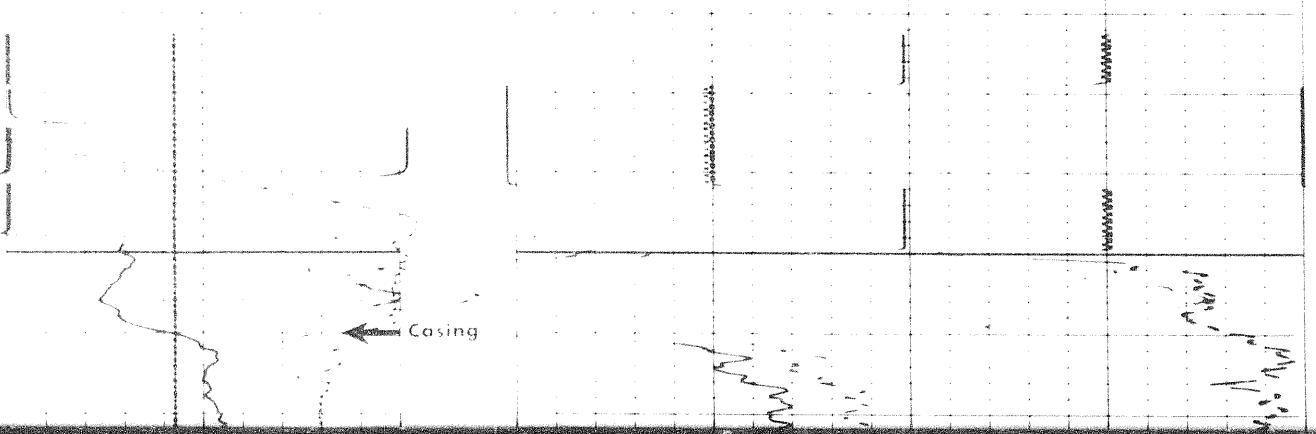
1800

REPEAT SECTION





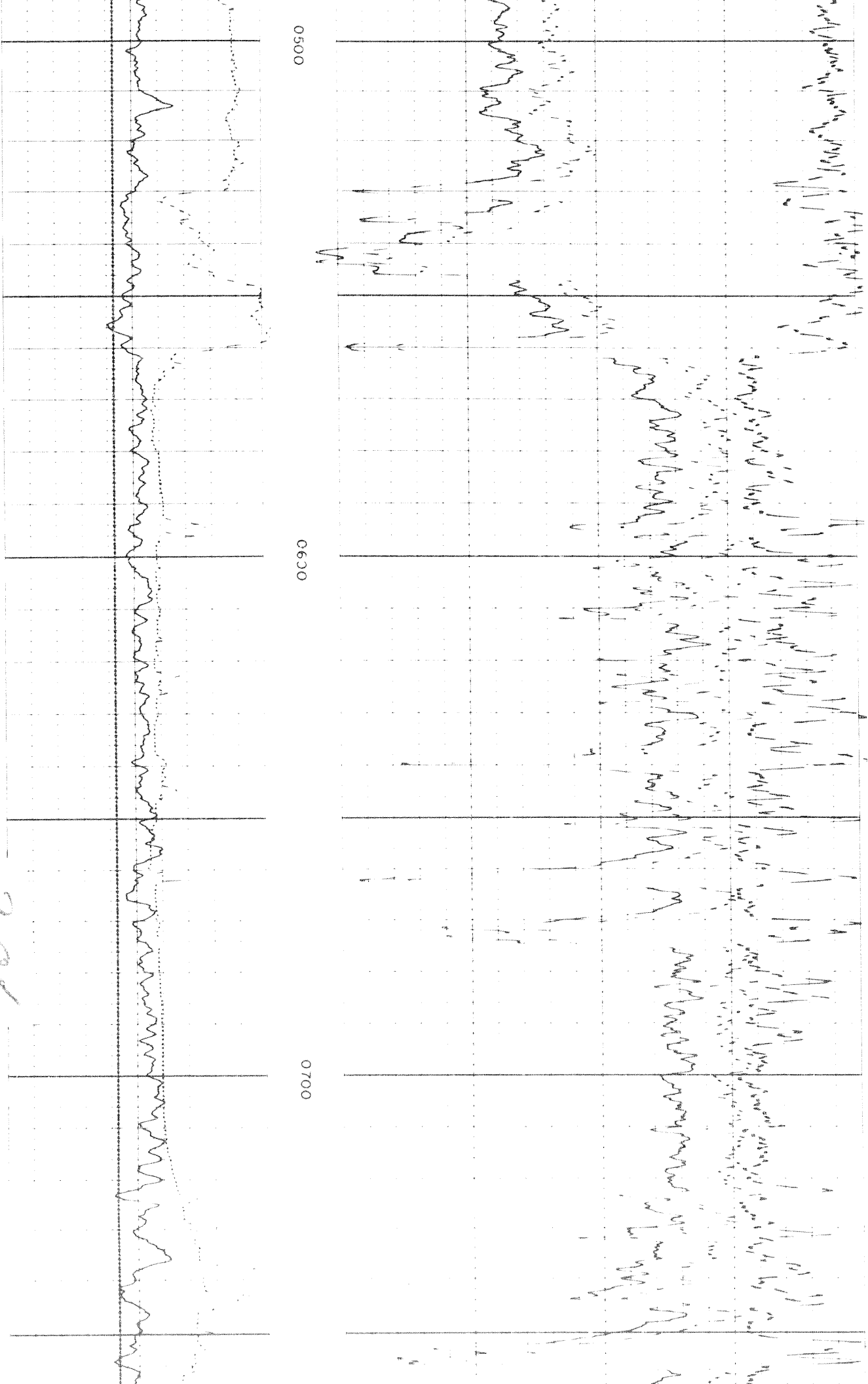
DETAIL LOG
5" = 100



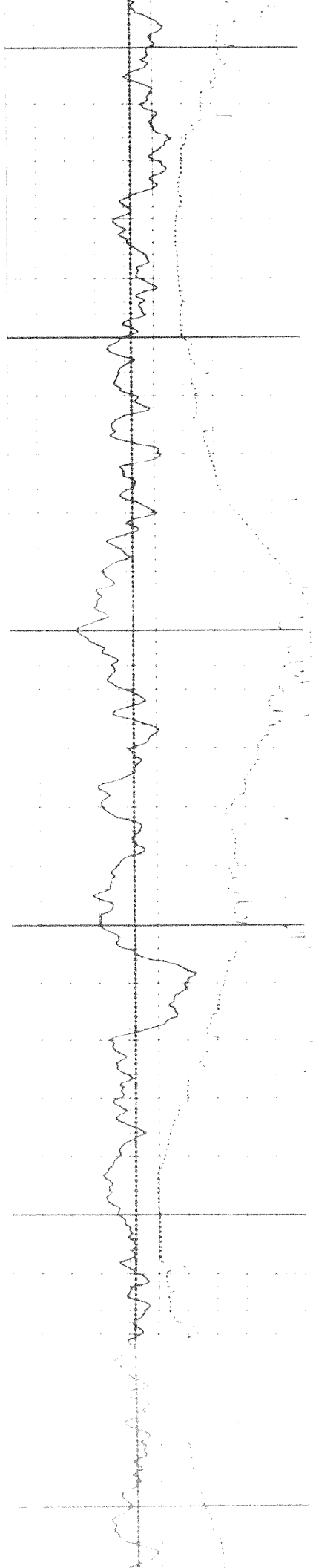
0500

0630

0700



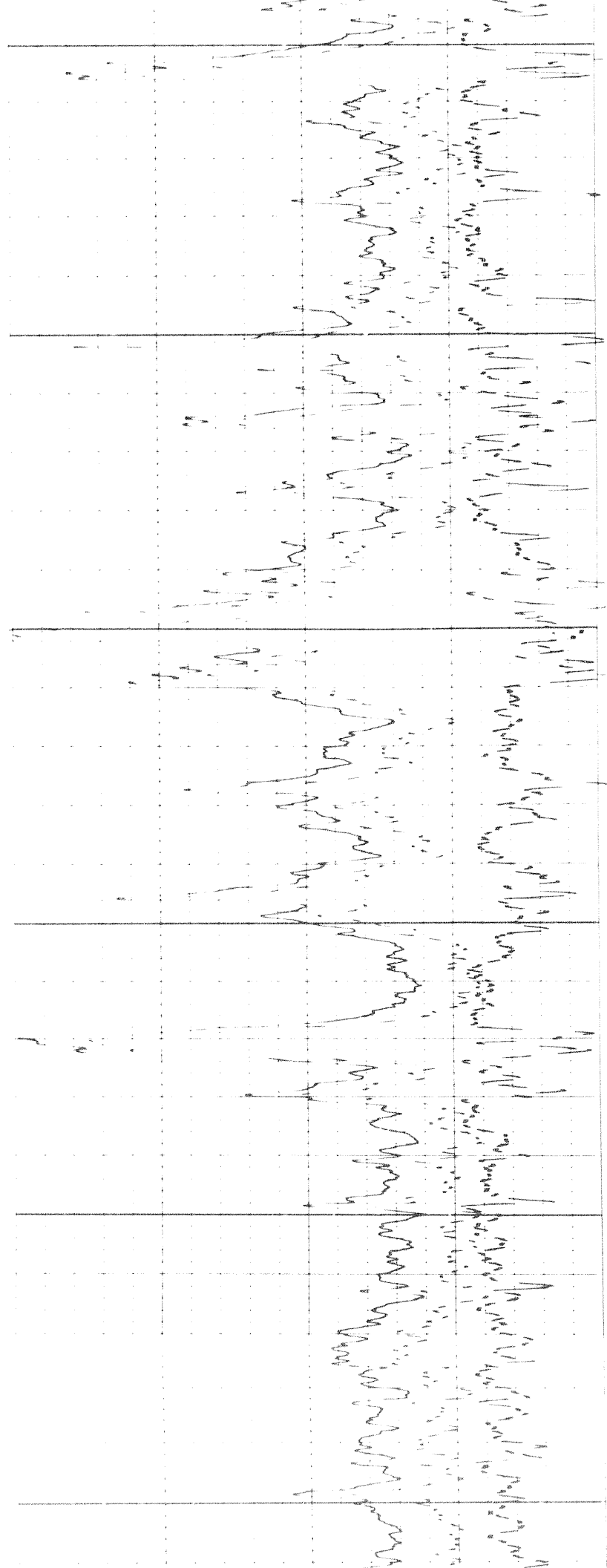
304

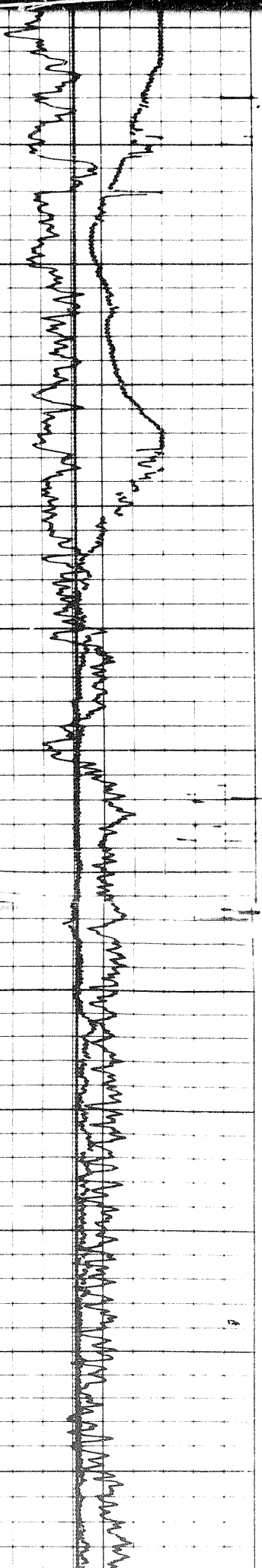
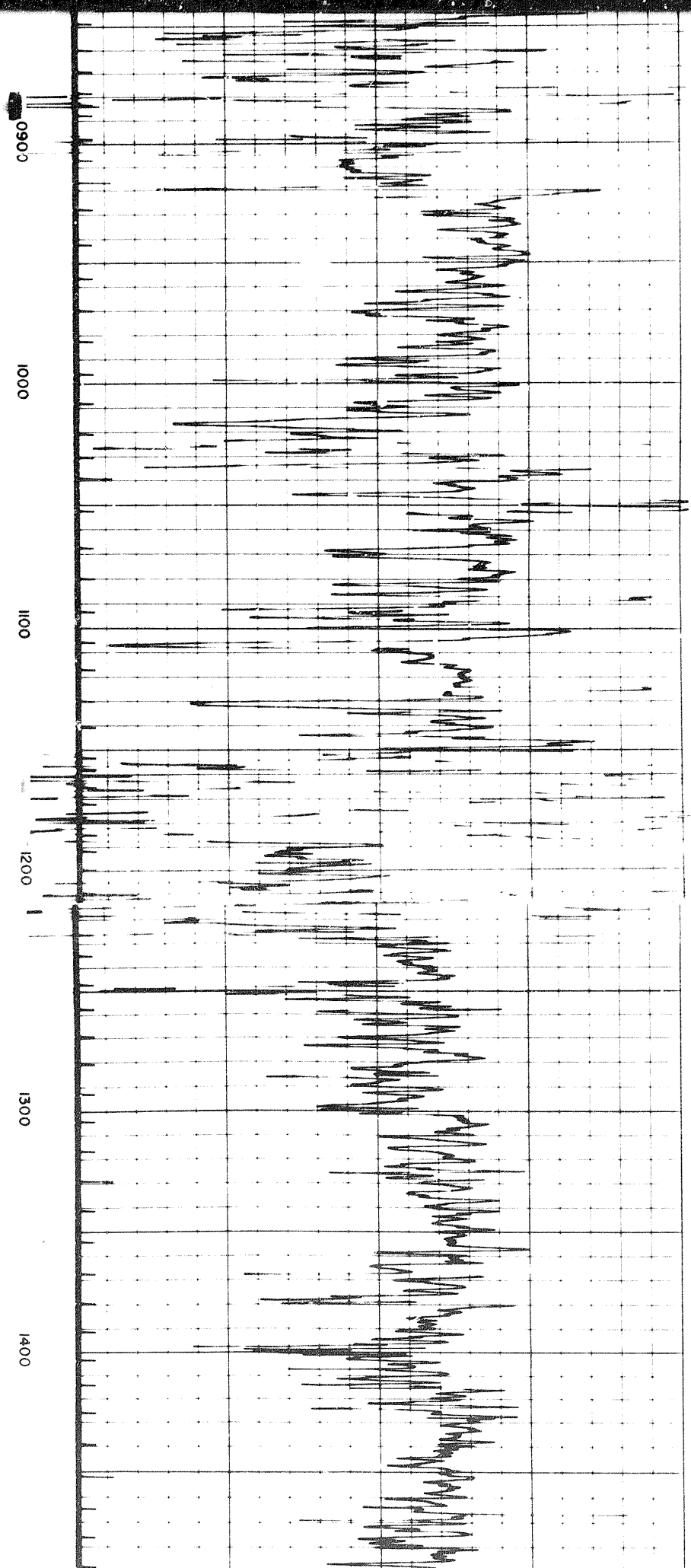


0080

0060

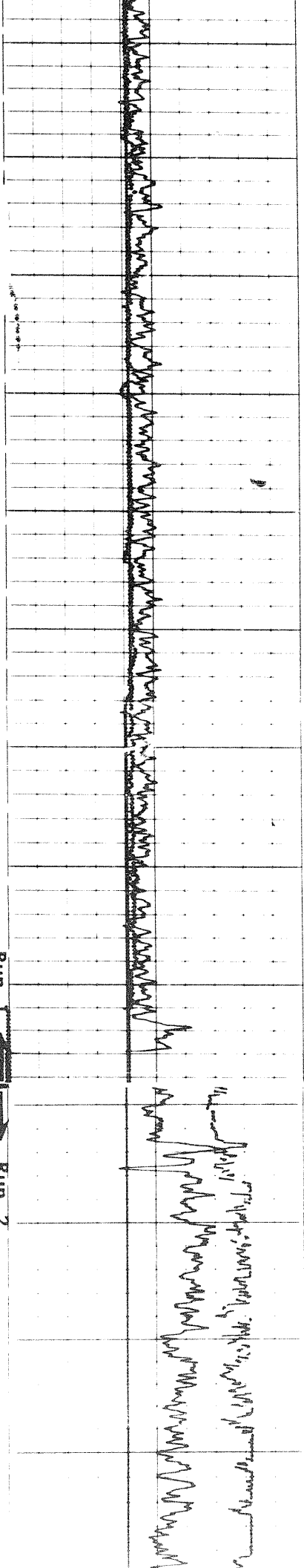
1000





2 of 2

Run 1 → Run 2 ←



1600

1700

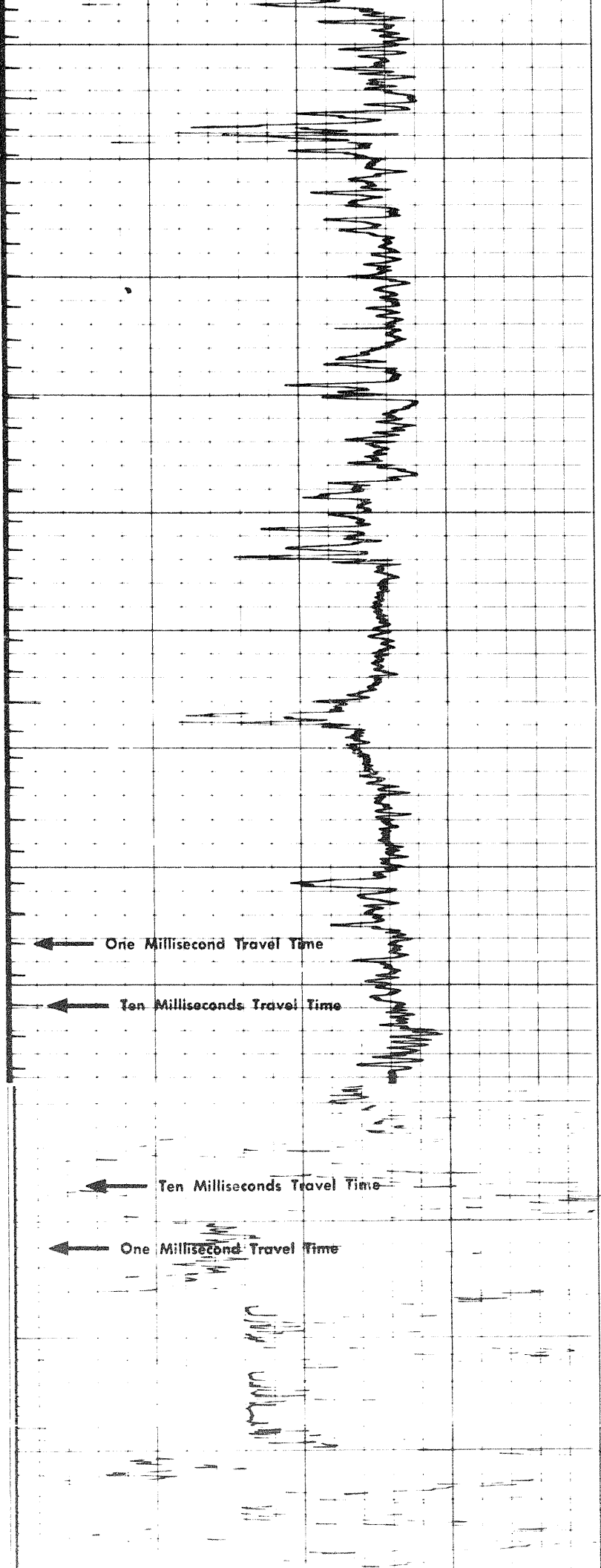
1800

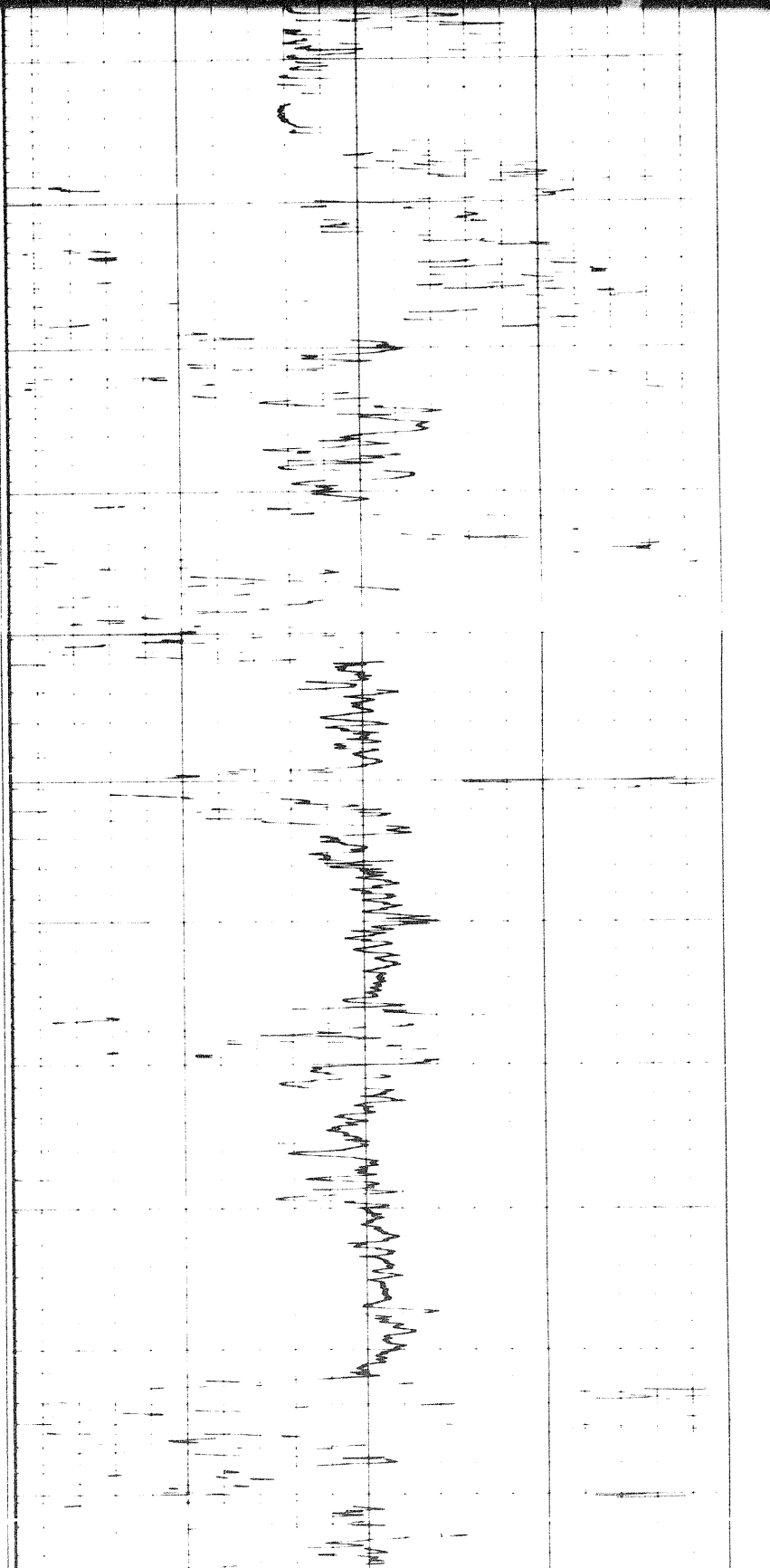
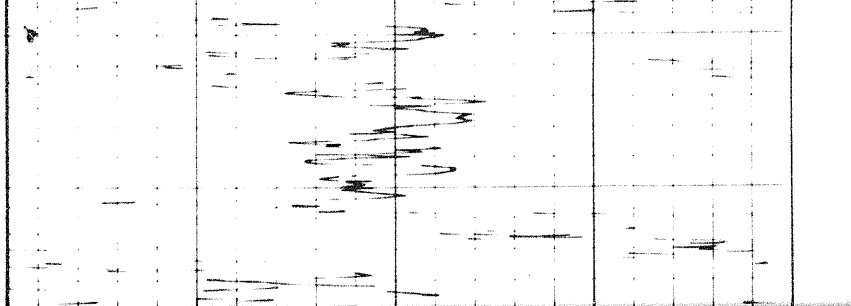
1900

2000

2100

2





2400

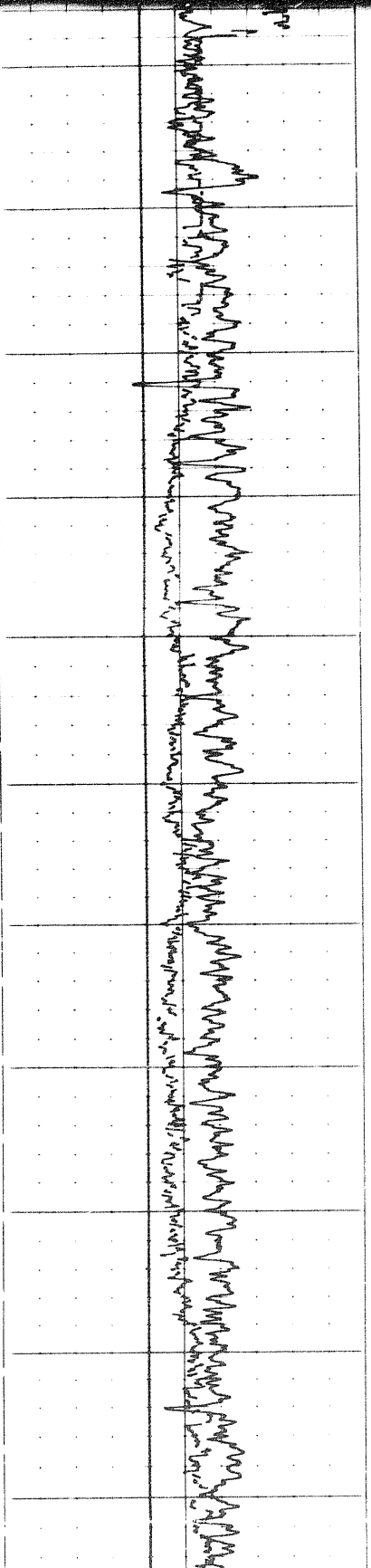
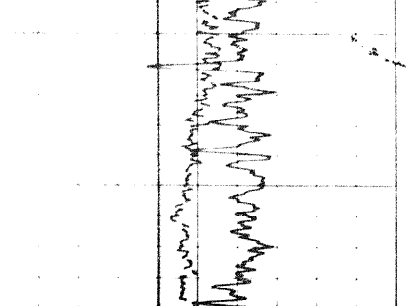
2300

2400

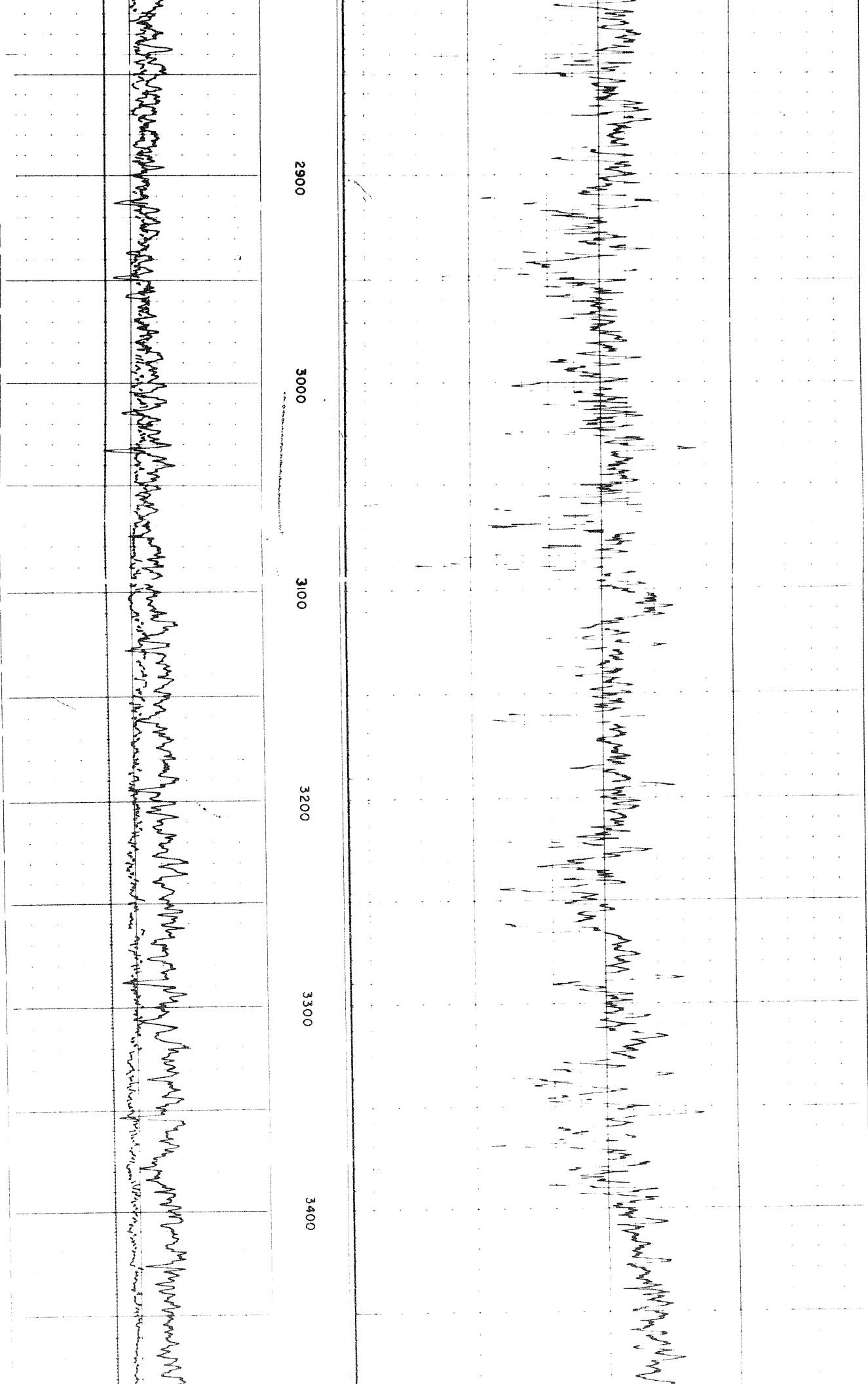
2500

2600

2700



3 out



2900

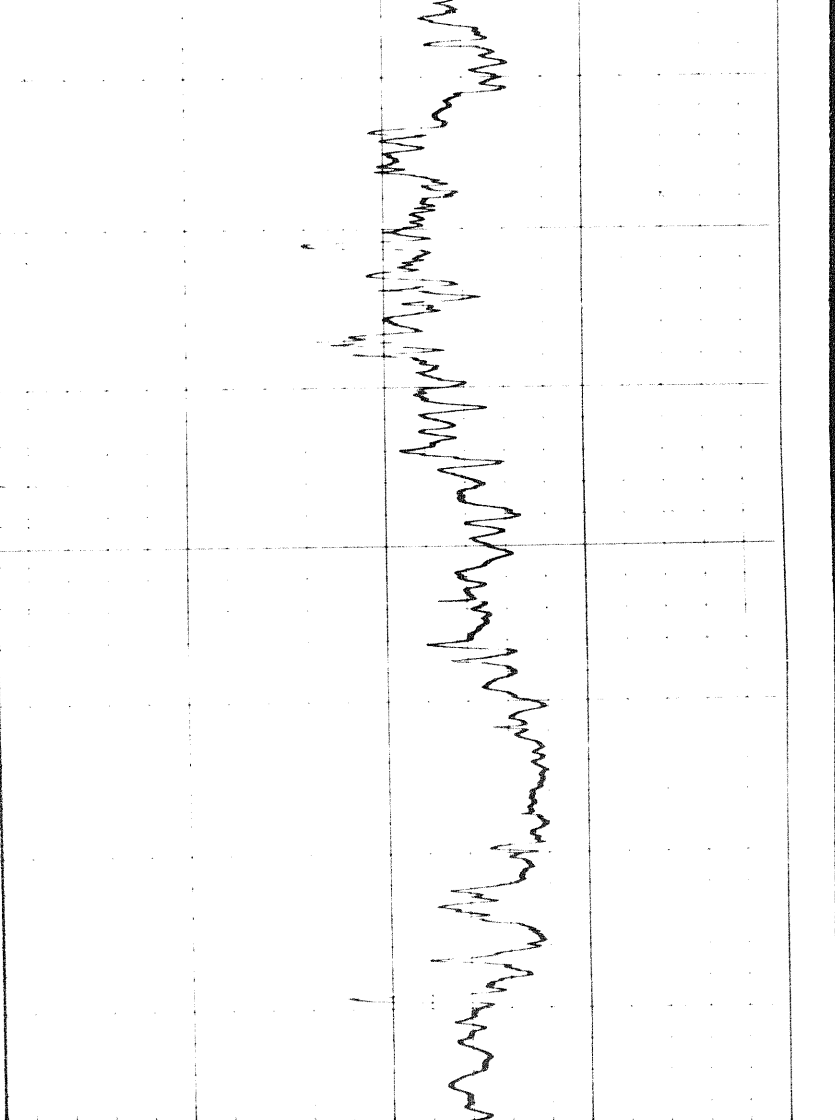
3000

3100

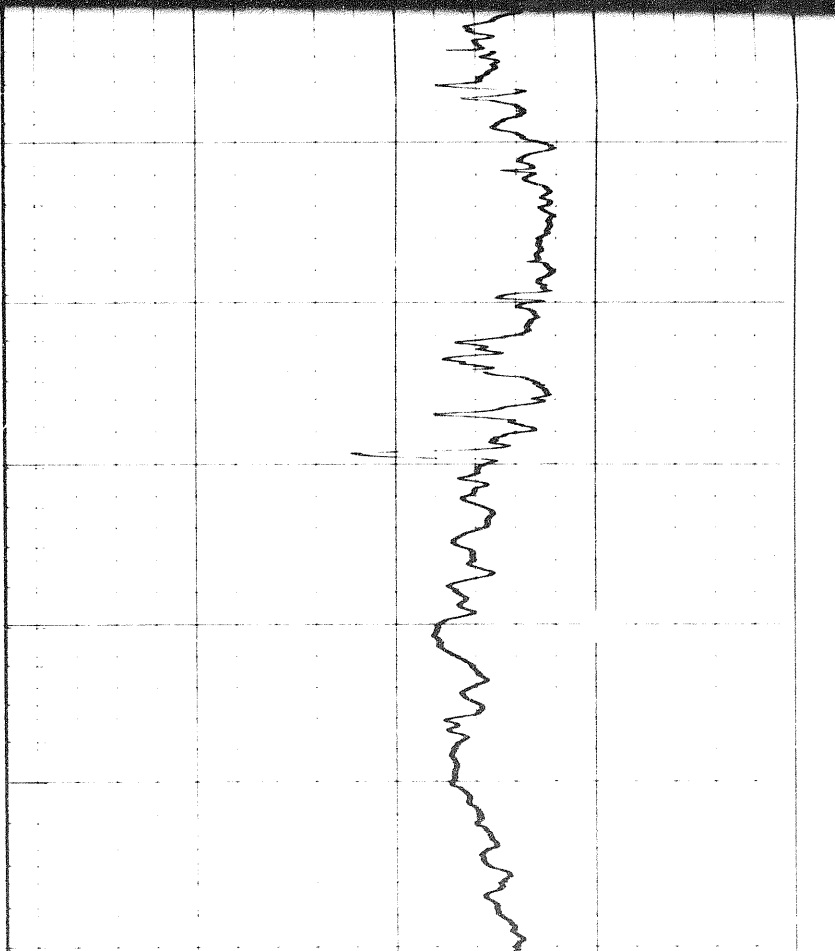
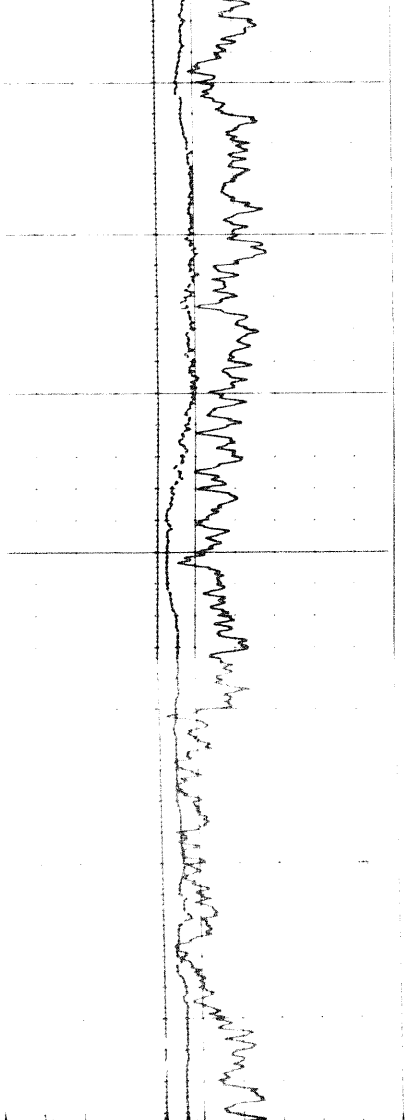
3200

3300

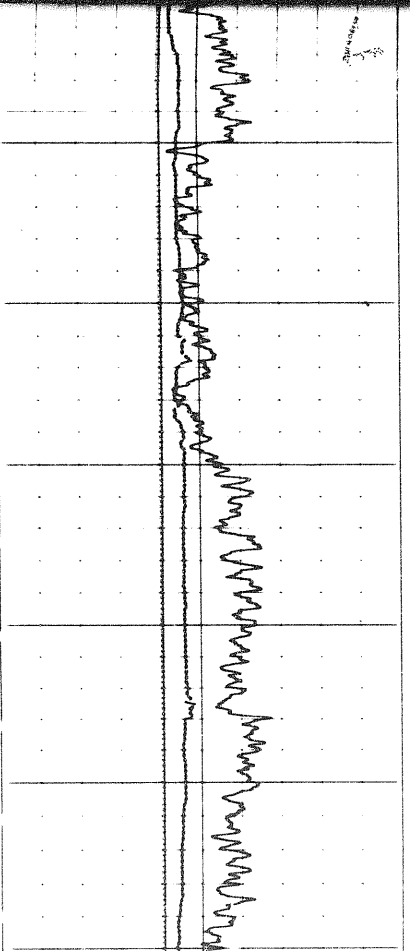
3400

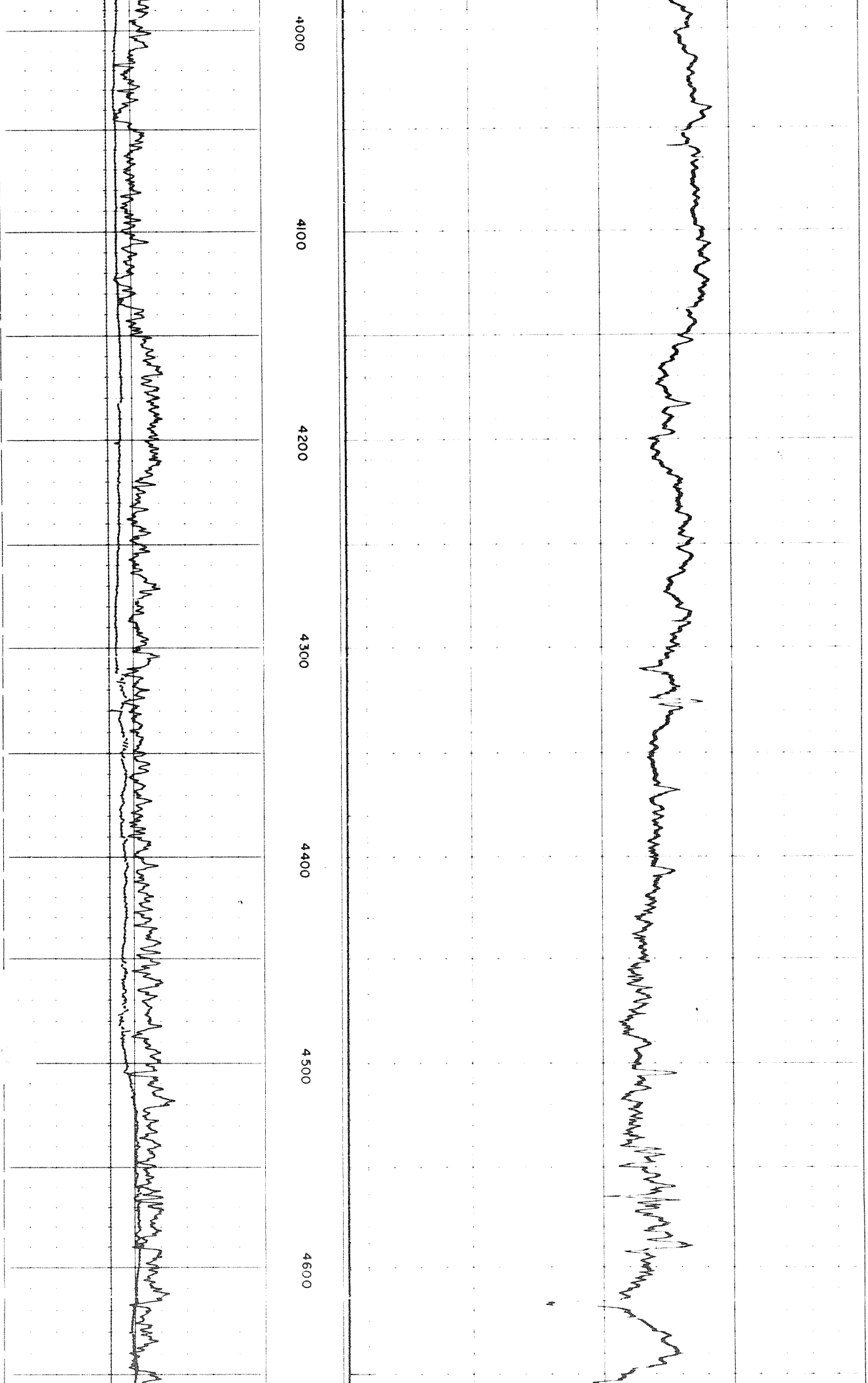


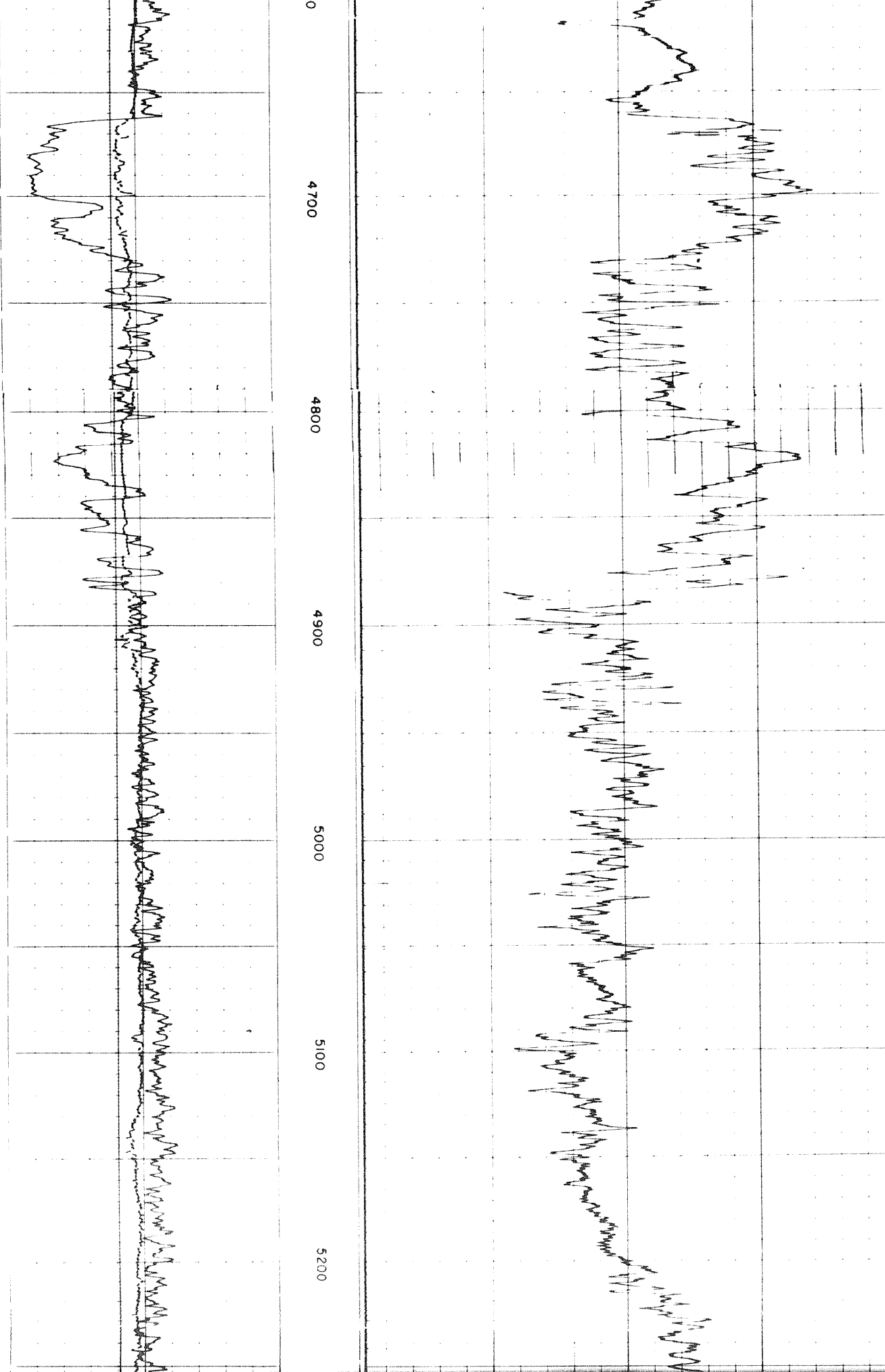
3500 3600 3700 3800

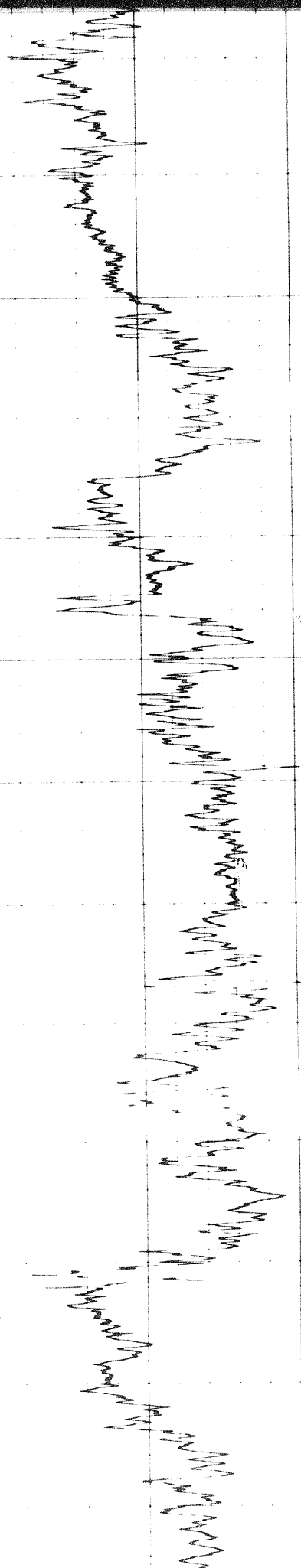


3700 3800 3900

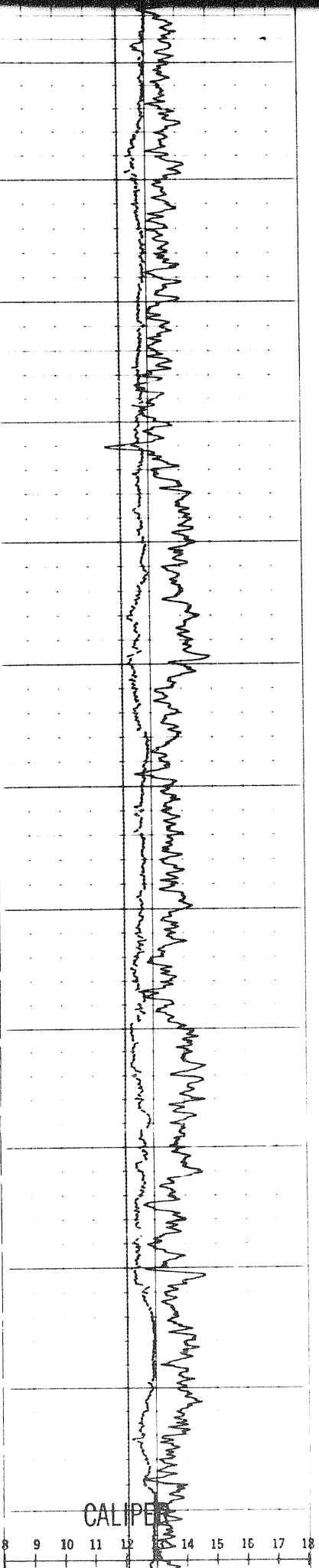








5100 5200 5300 5400 5500 5600 5700

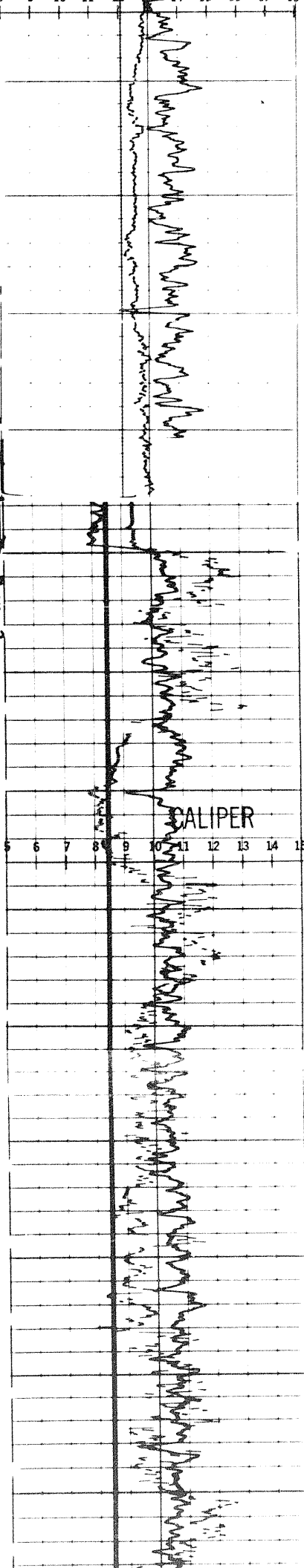


CALIPER

8 9 10 11 12 14 15 16 17 18

5
21

Run 2 →
← Run 3



5800

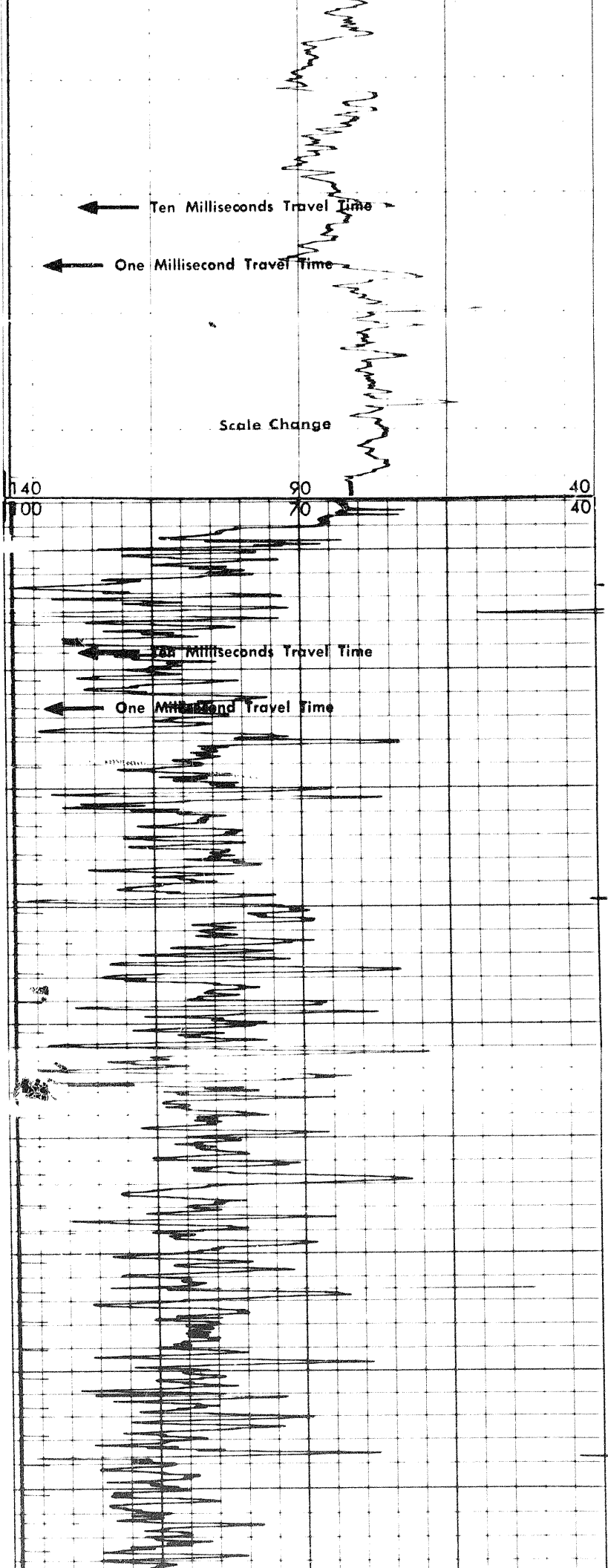
5900

6000

6100

6200

6300



← Ten Milliseconds Travel Time

← One Millisecond Travel Time

Scale Change

140
90
70
40

90
70
40

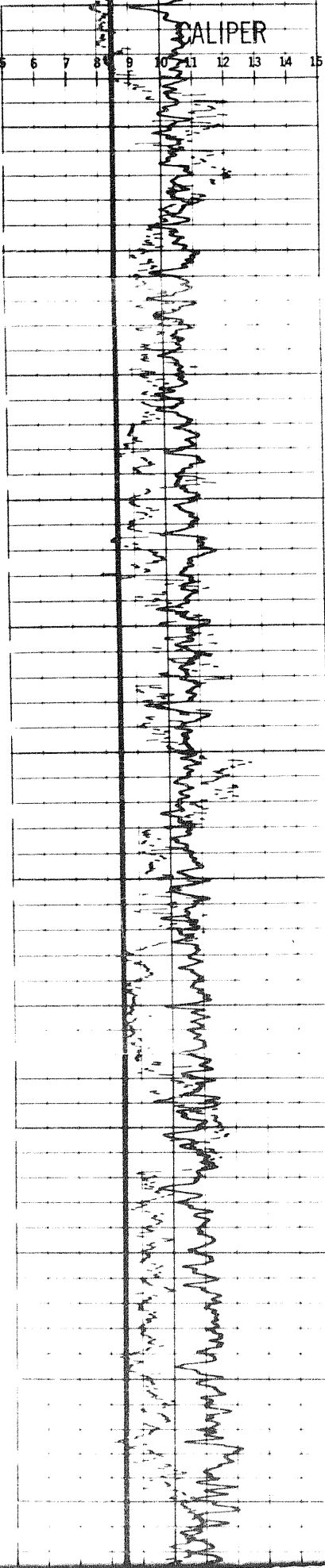
40
40

← Ten Milliseconds Travel Time

← One Millisecond Travel Time

CALIPER

5 6 7 8 9 10 11 12 13 14 15



6100

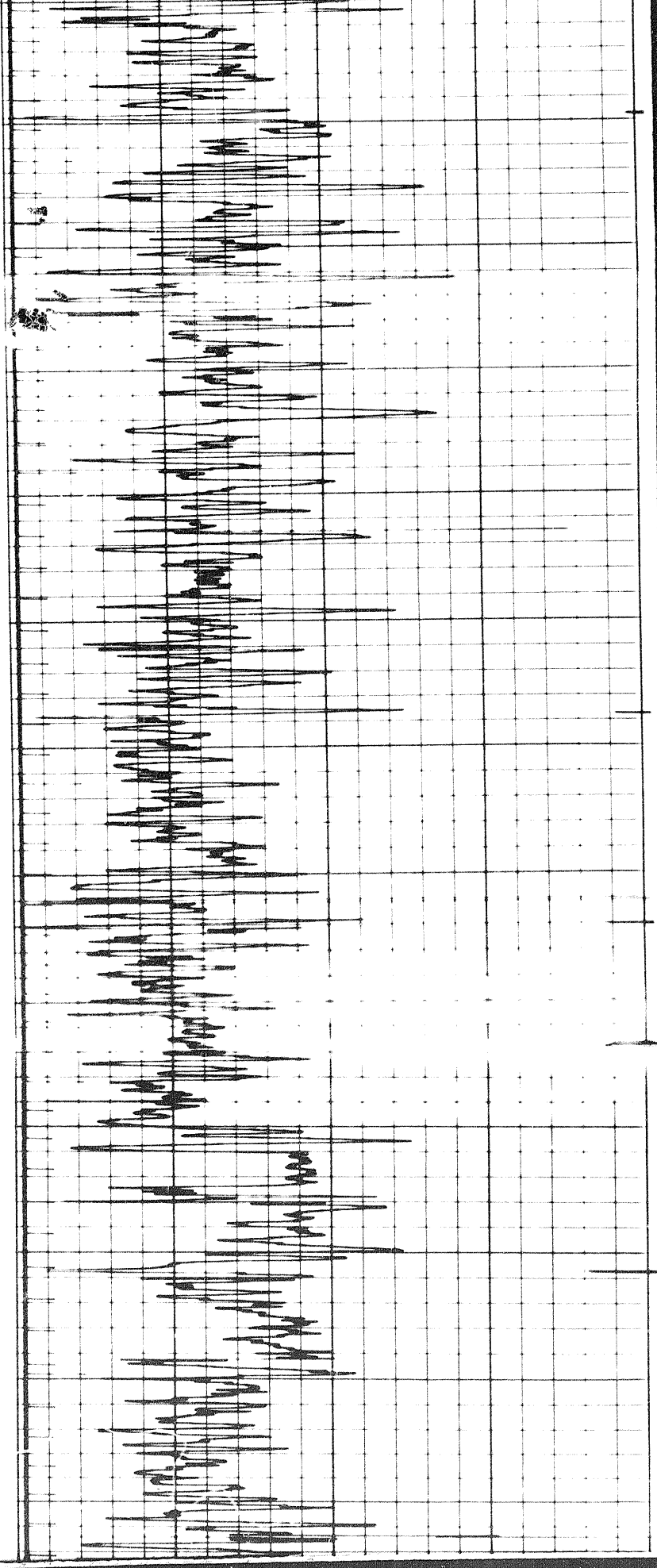
6200

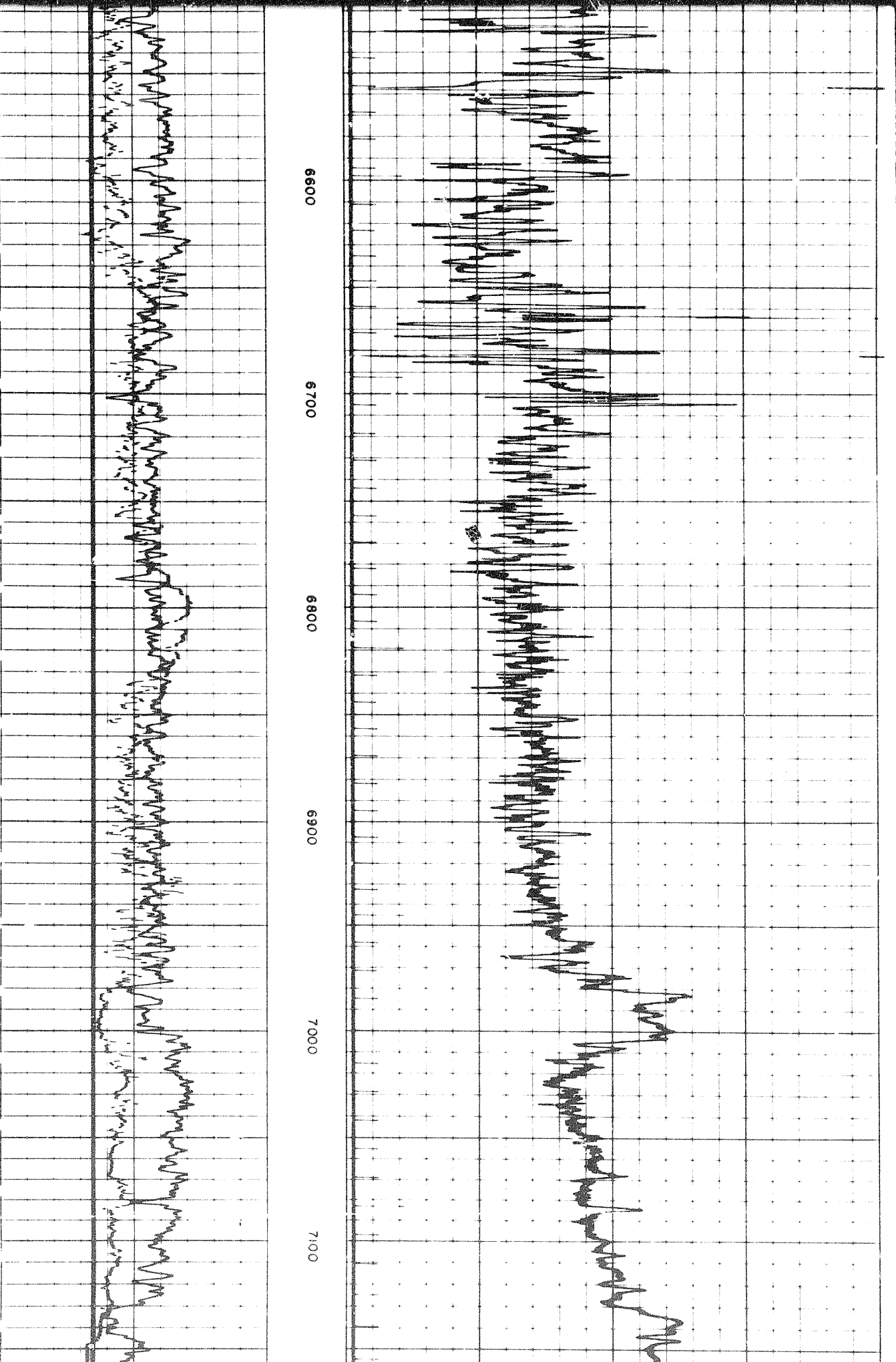
6300

6400

6500

6600





6600

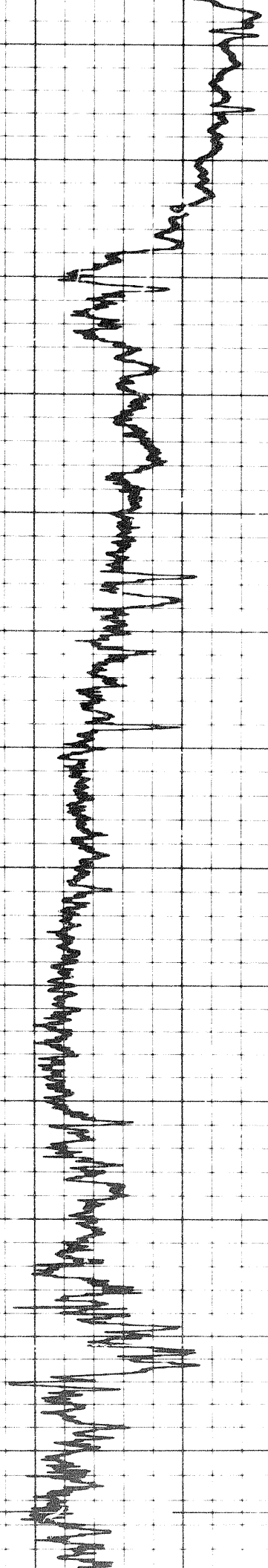
6700

6800

6900

7000

7100



7200

7300

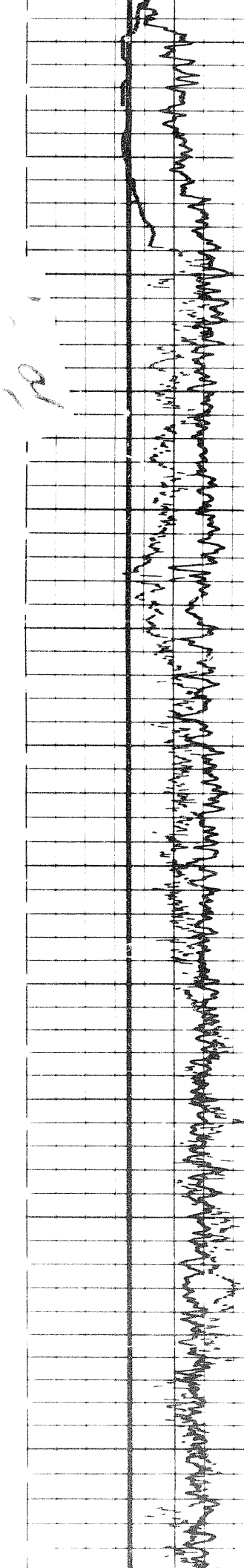
7400

7500

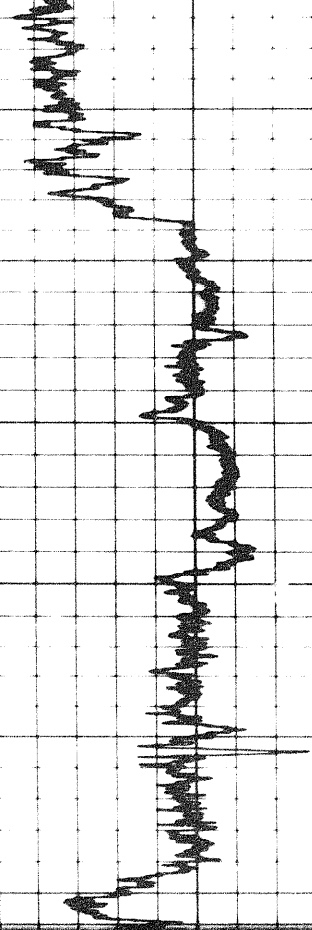
7600

7700

7



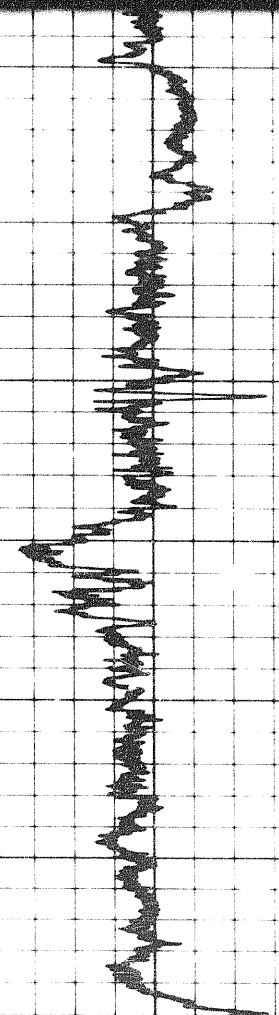
20



7900

8000

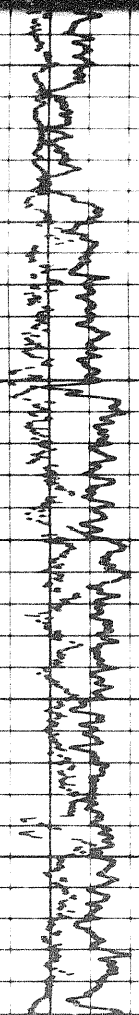
8100



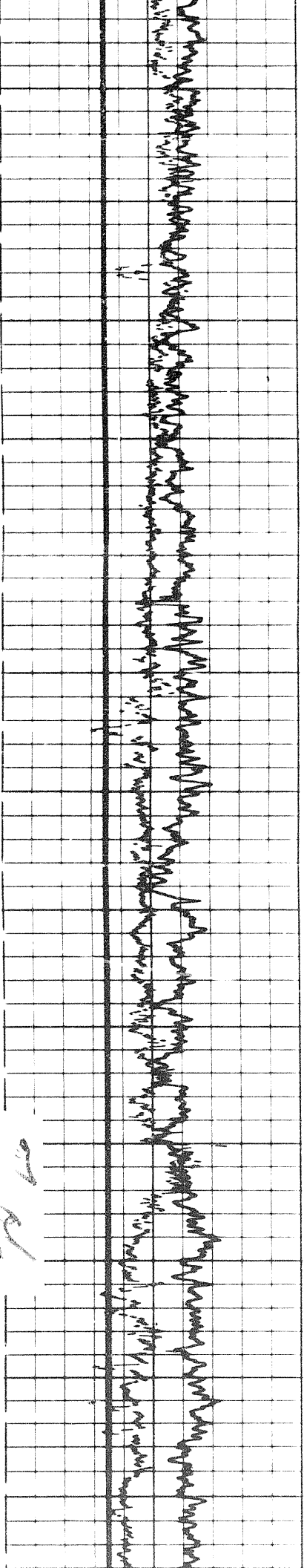
8000

8100

8200



72 10



8300

8400

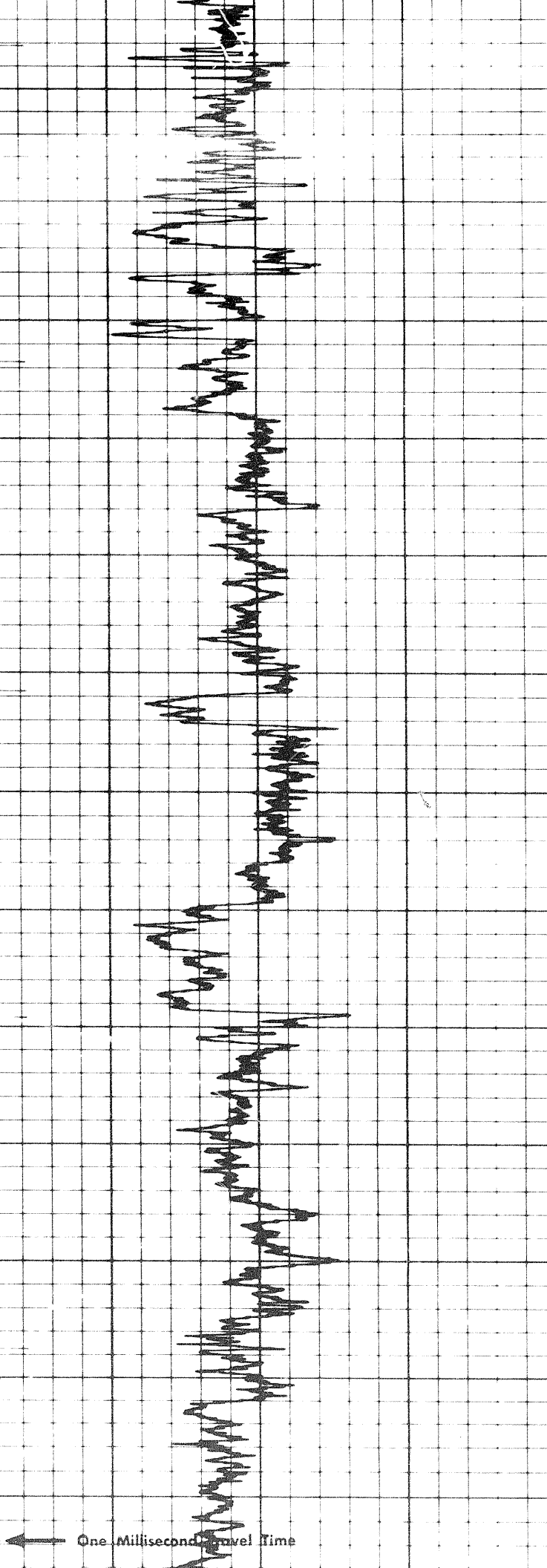
8500

8600

8700

8800

8900



↑ One Millisecond Travel Time

1000
FR 9000

← One Millisecond Travel Time

← Ten Milliseconds Travel Time

6 7 8 9 10 11 12 13 14

CALIPER
hole diameter in inches

Sens. _____ T.C. _____
Zero _____ div. to left _____

Speed in FPM

GAMMA RAY
API UNITS

DEPTHS

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

DETAIL LOG

GAMMA RAY
API UNITS

DEPTHS

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

Sens. _____ T.C. _____
Zero _____ div. to left _____

Speed in FPM

CALIPER
hole diameter in inches

9 10 11 12 13 14 15 16 17

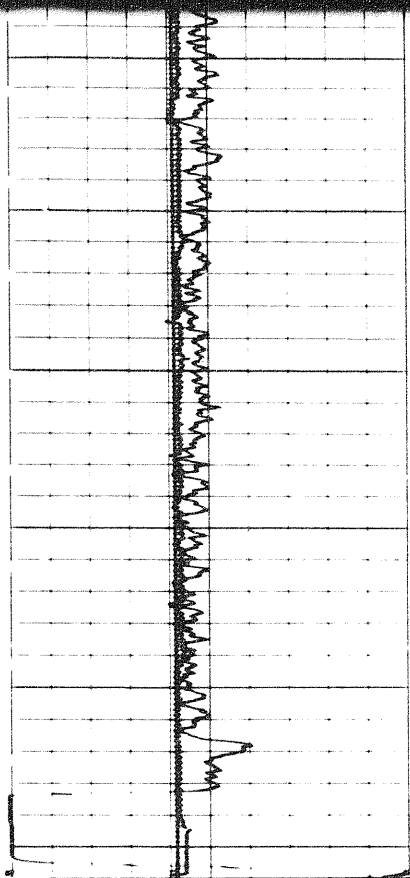
Run 1

← One Millisecond Travel Time

← Ten Milliseconds Travel Time

1800

1900



1800

1900

FR
2000

← One Millisecond Travel Time

← Ten Milliseconds Travel Time

9 10 11 12 13 14 15 16 17

CALIPER
hole diameter in inches

Sens. _____ T.C. _____
Zero _____ div. to left

Speed in FPM

GAMMA RAY
API UNITS

DEPTHS

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

DETAIL LOG

GAMMA RAY
API UNITS

DEPTHS

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

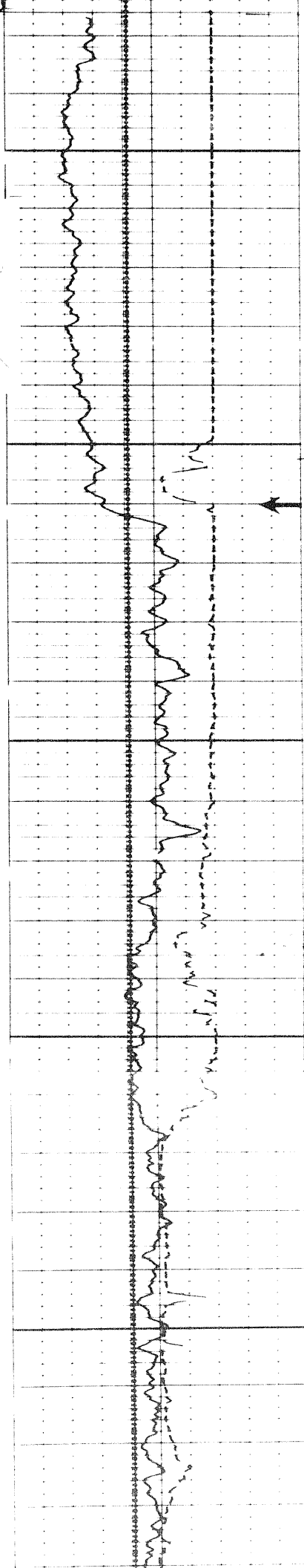
Sens. _____ T.C. _____
Zero _____ div. to left

CALIPER
hole diameter in inches

9 10 11 12 13 14 15 16 17

Speed in FPM

Calibration after Survey



0400

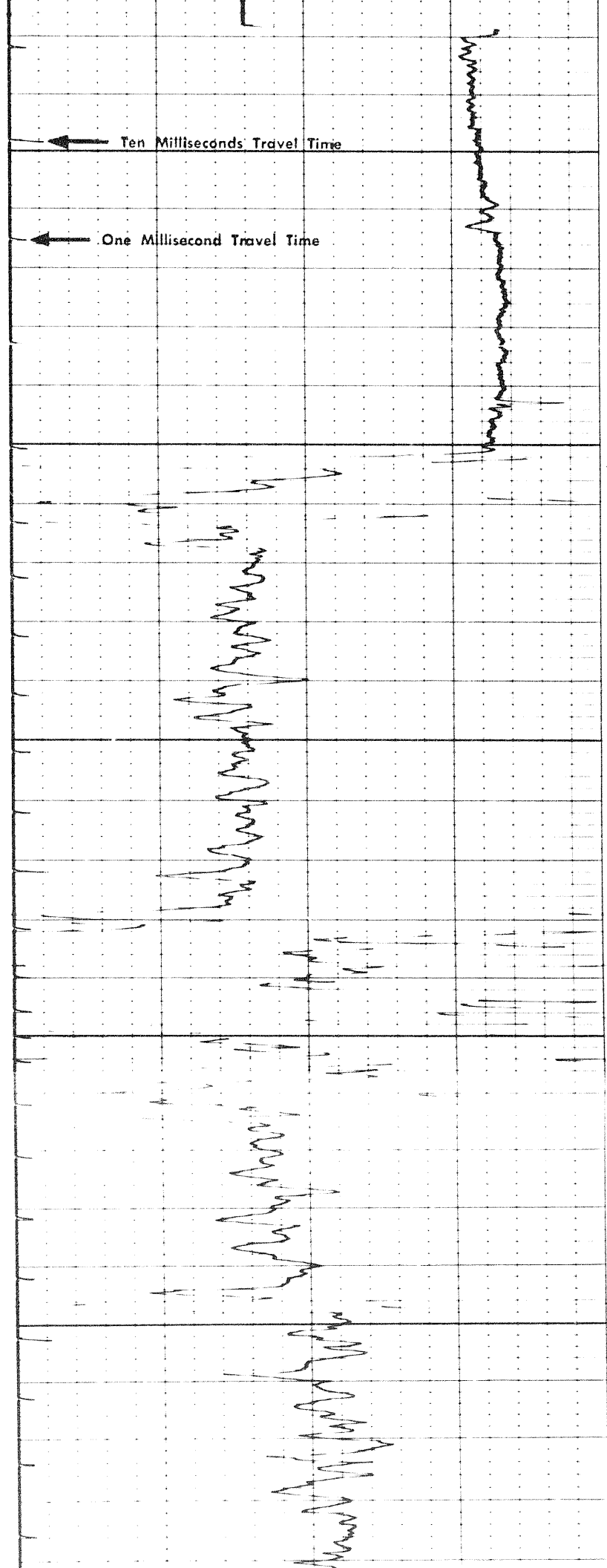
Casing

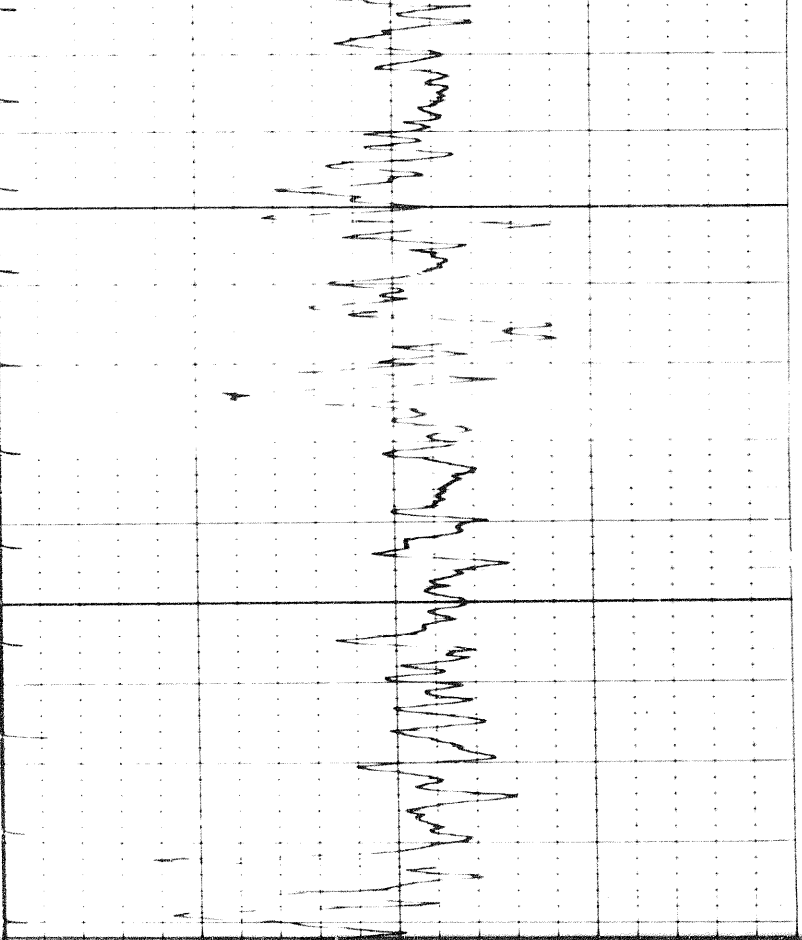
0500

0600

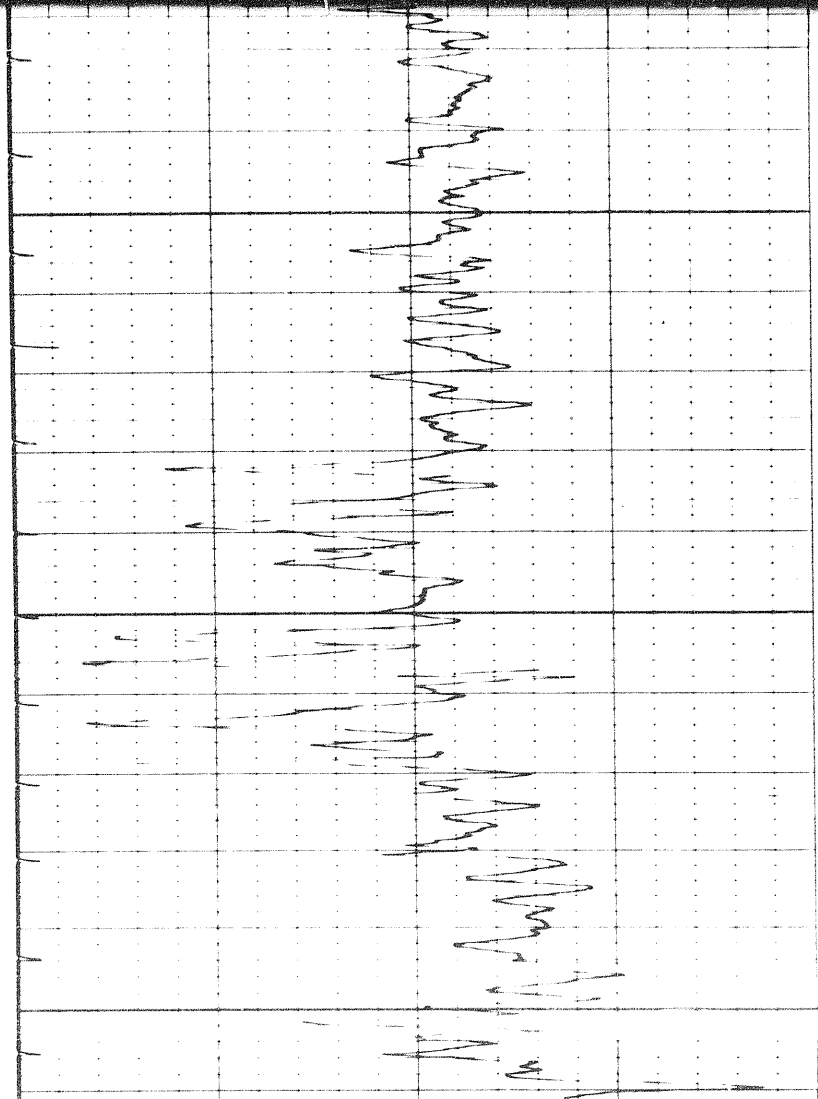
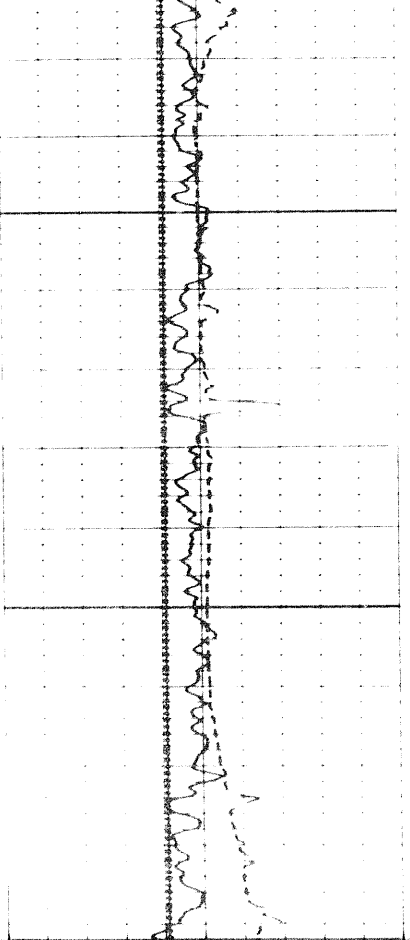
← Ten Milliseconds Travel Time

← One Millisecond Travel Time



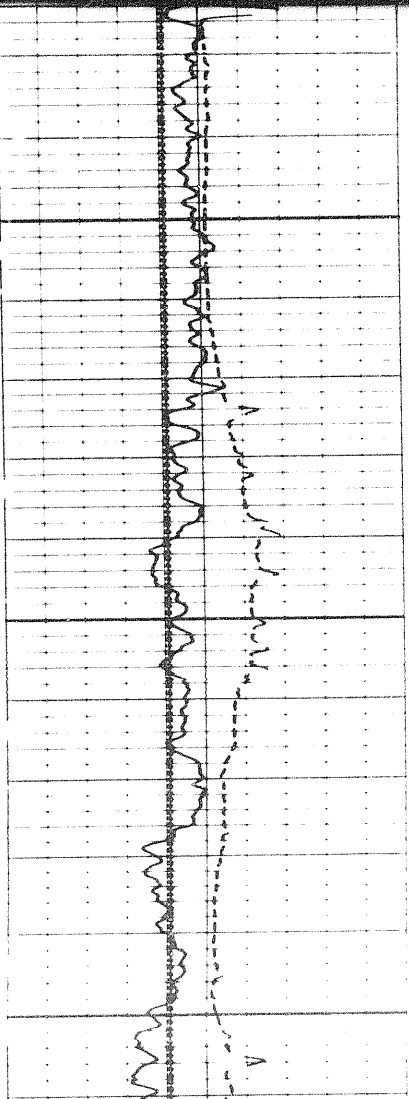


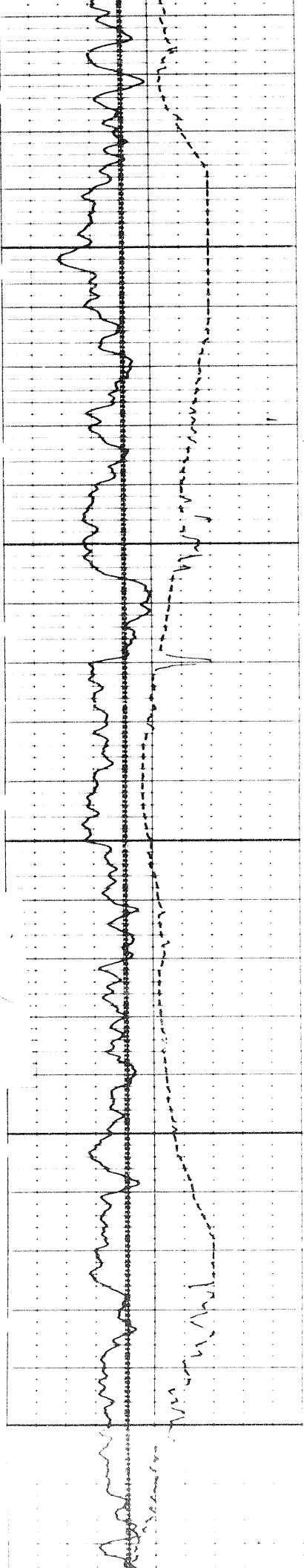
0700



0700

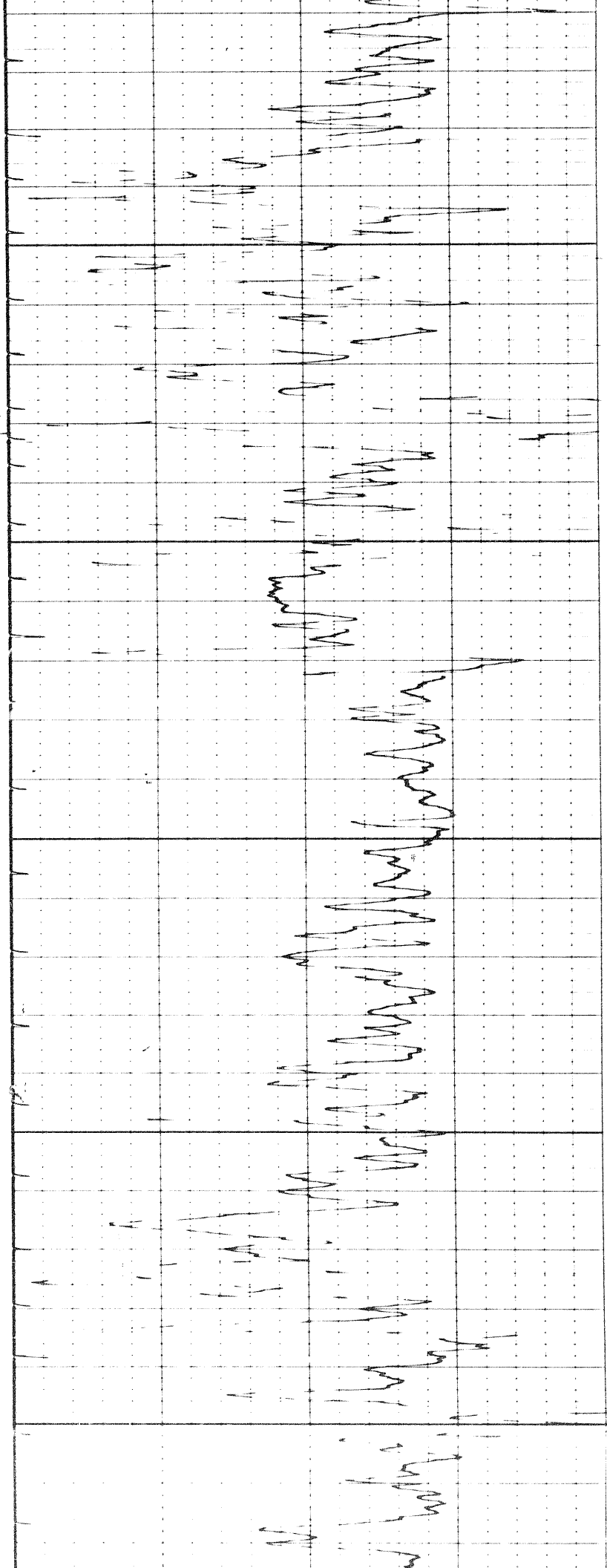
0800

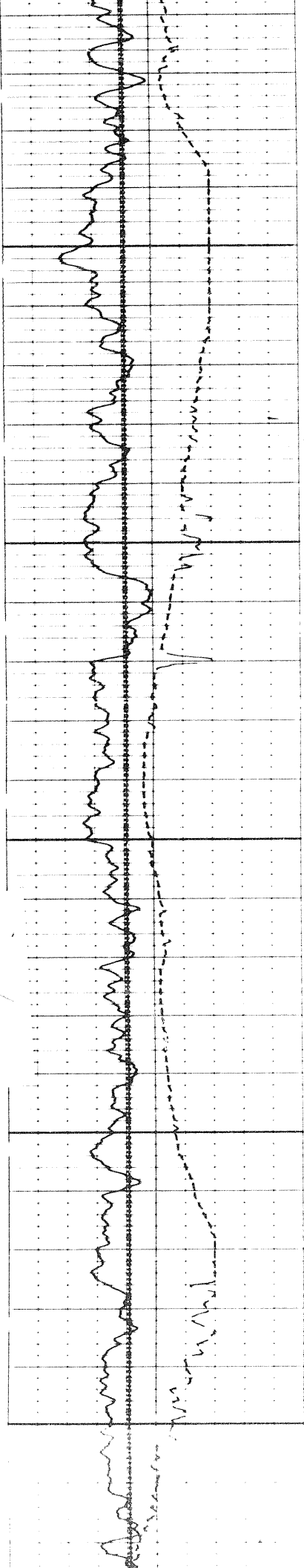




0060

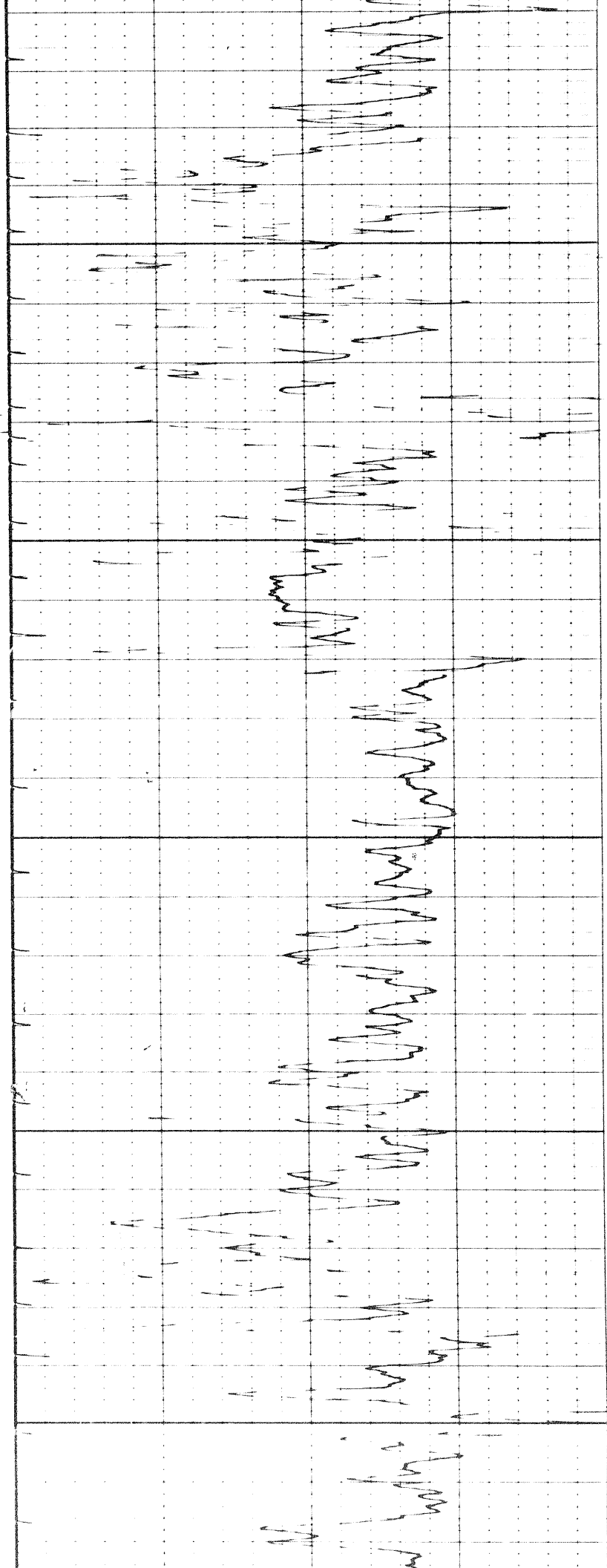
1000

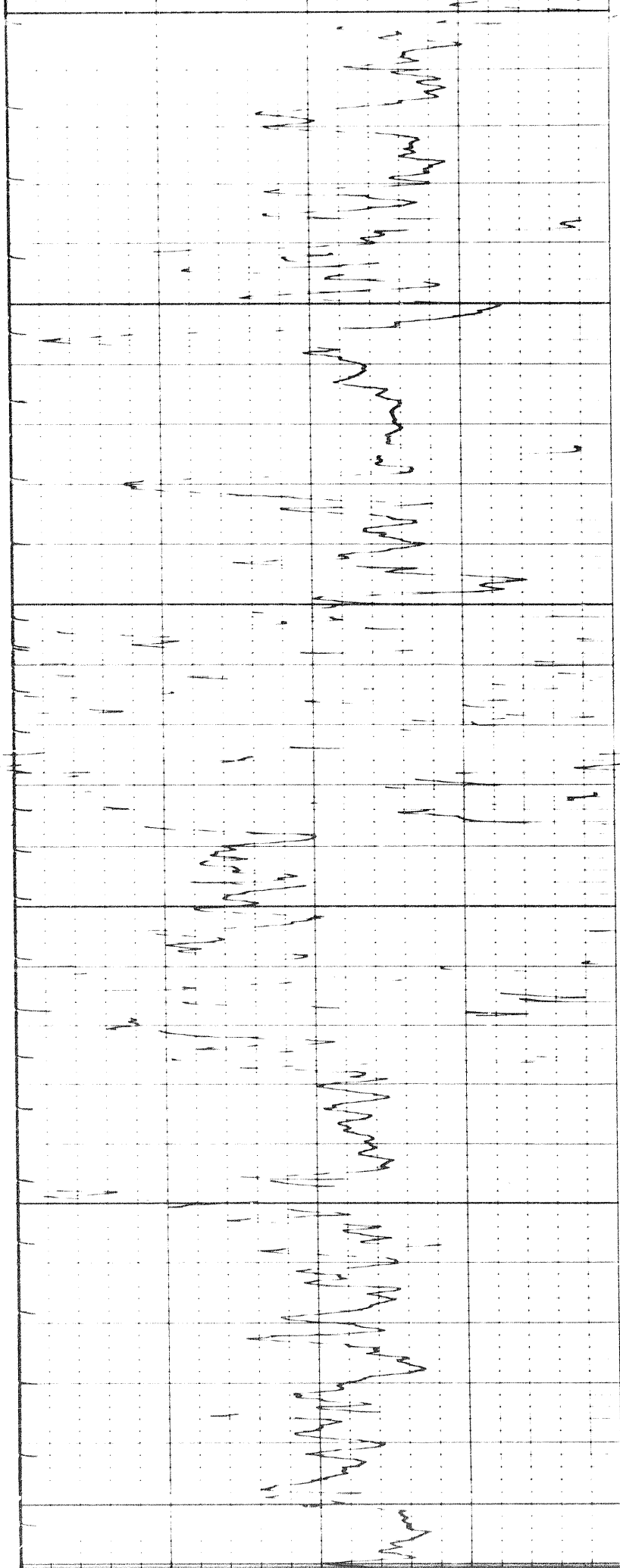




0060

1000

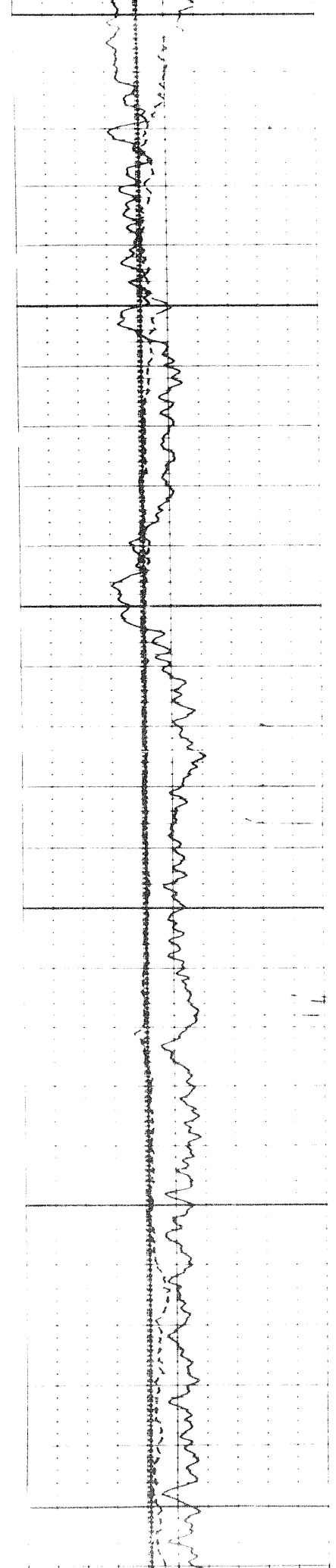


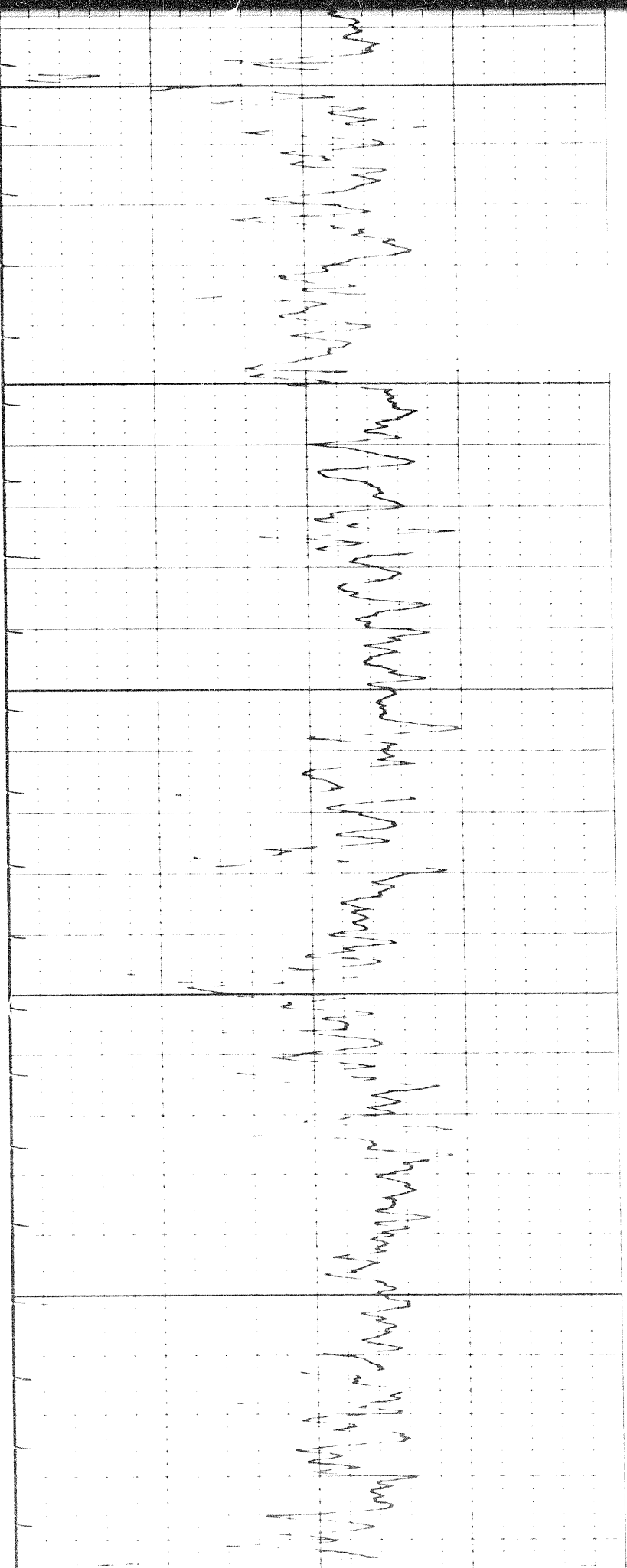


1100

1200

1300

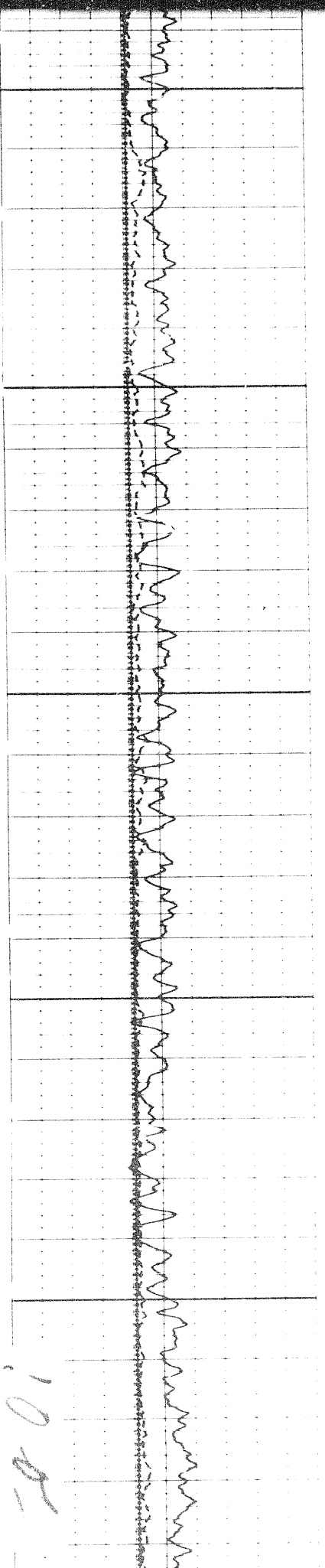


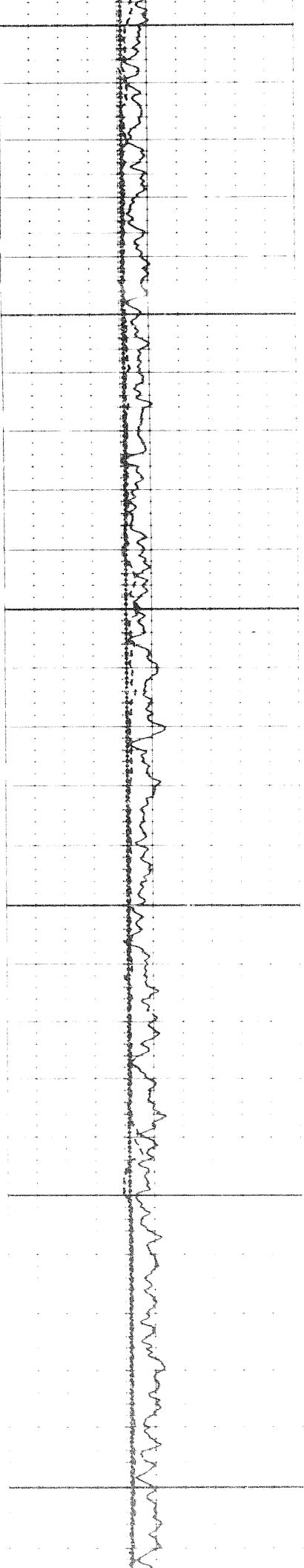


1300

1400

100

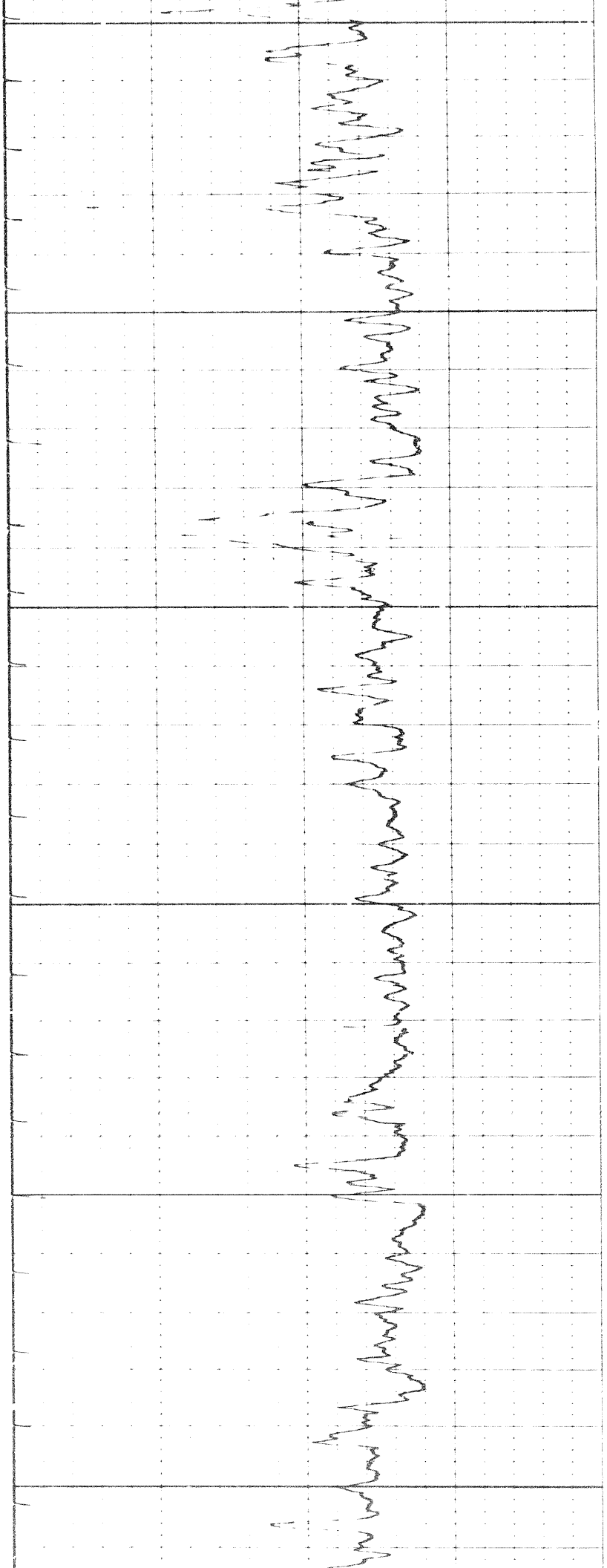




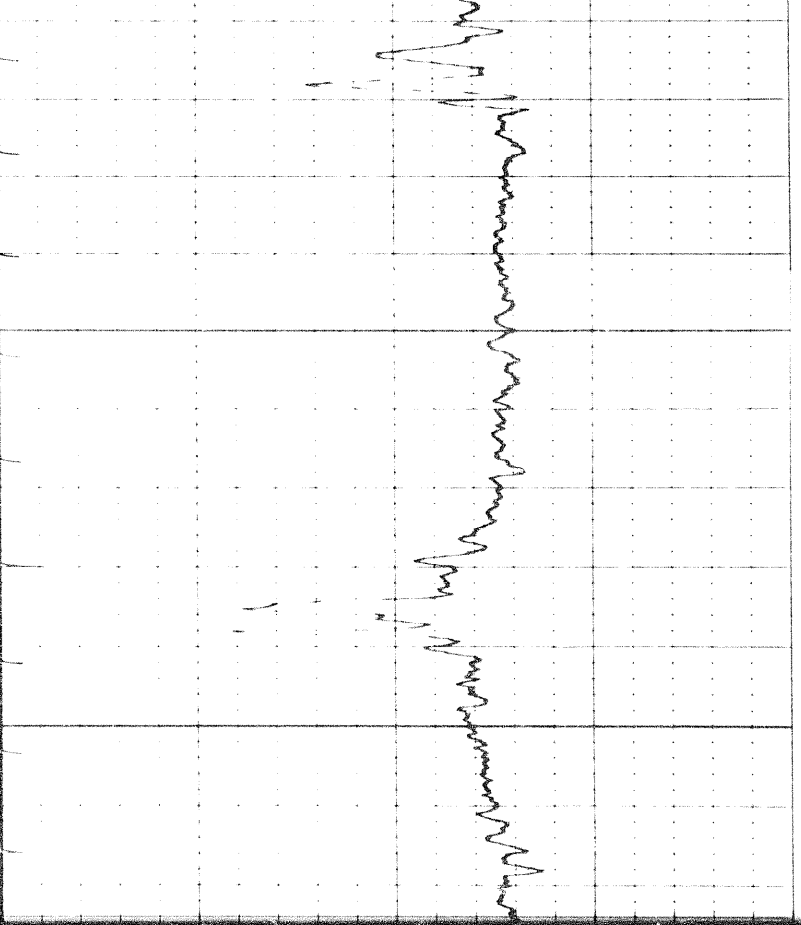
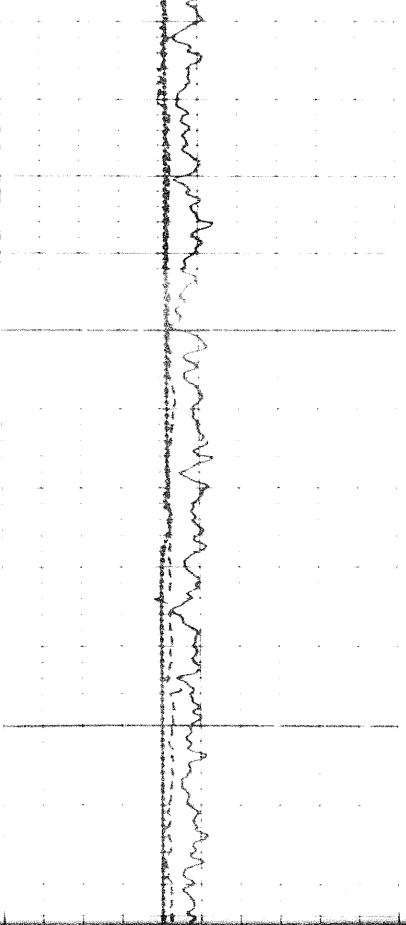
1500

1600

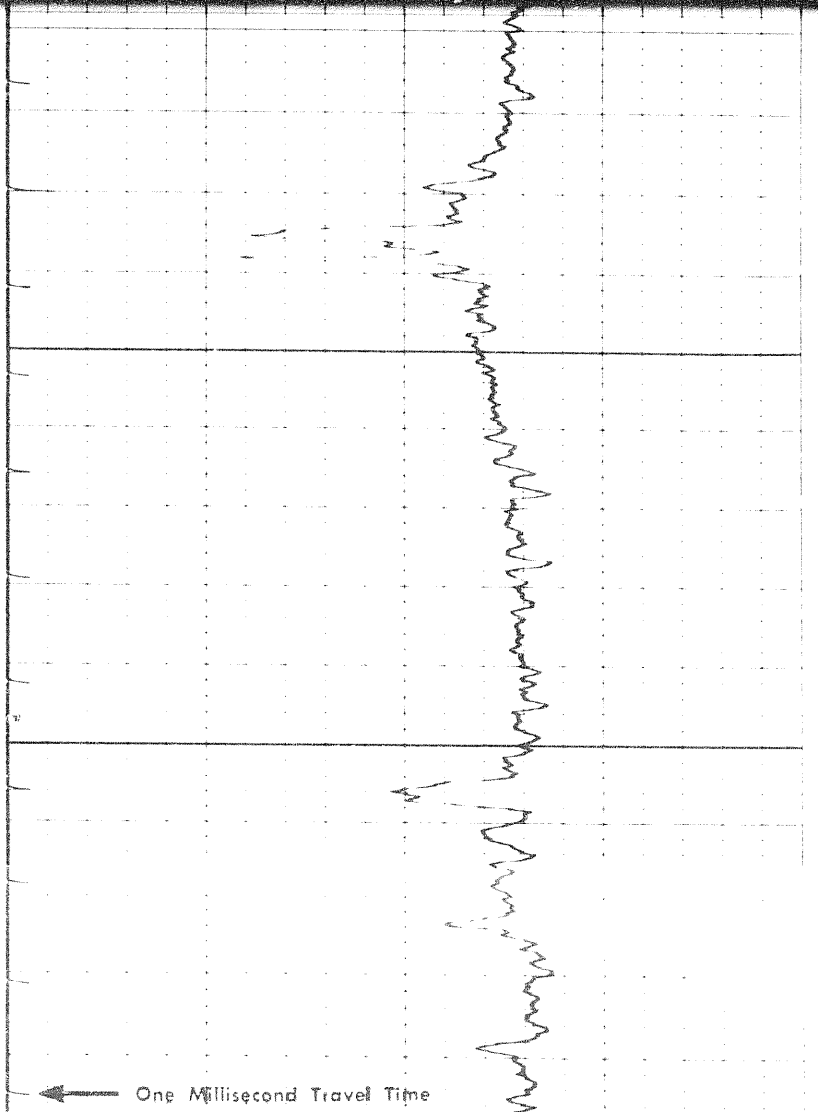
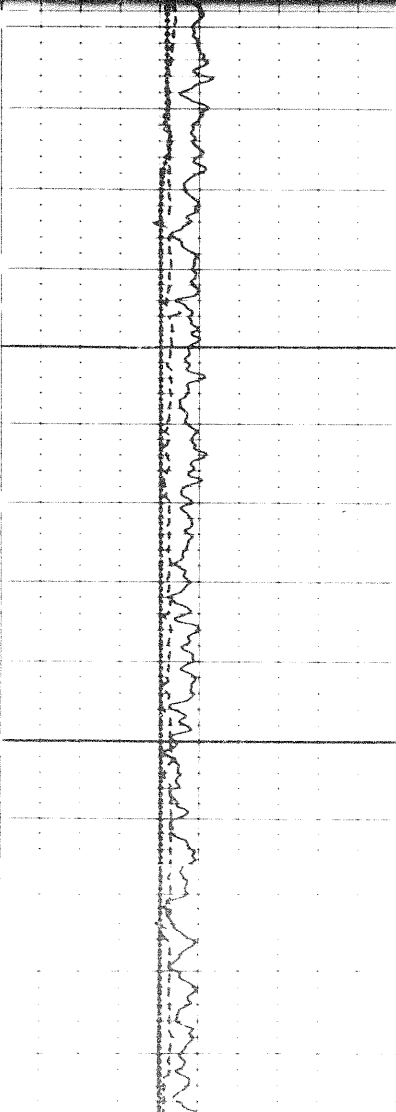
1700



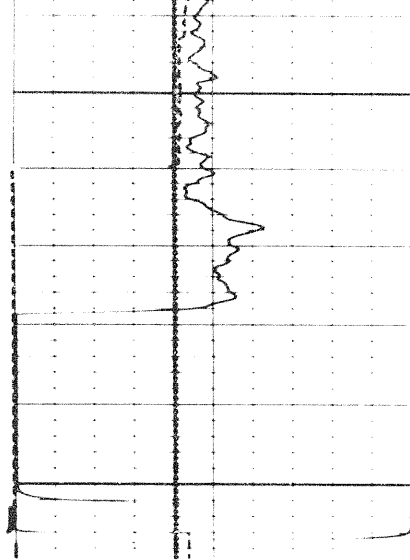
0081



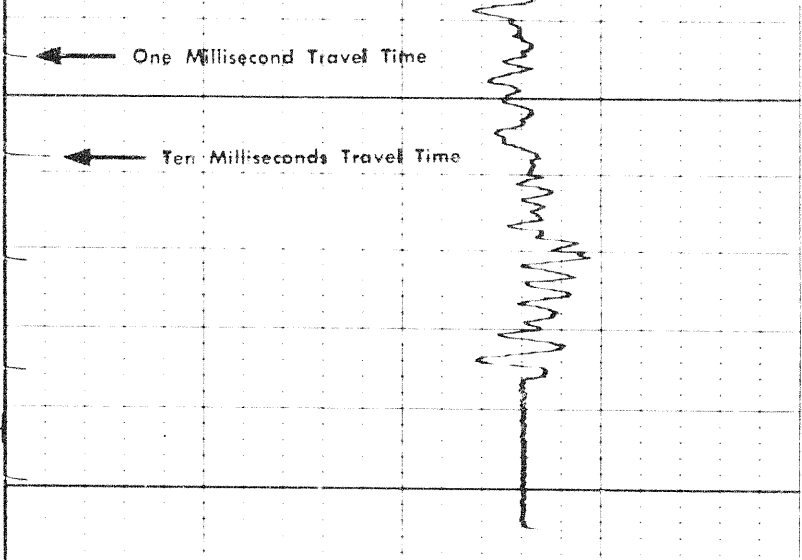
19061



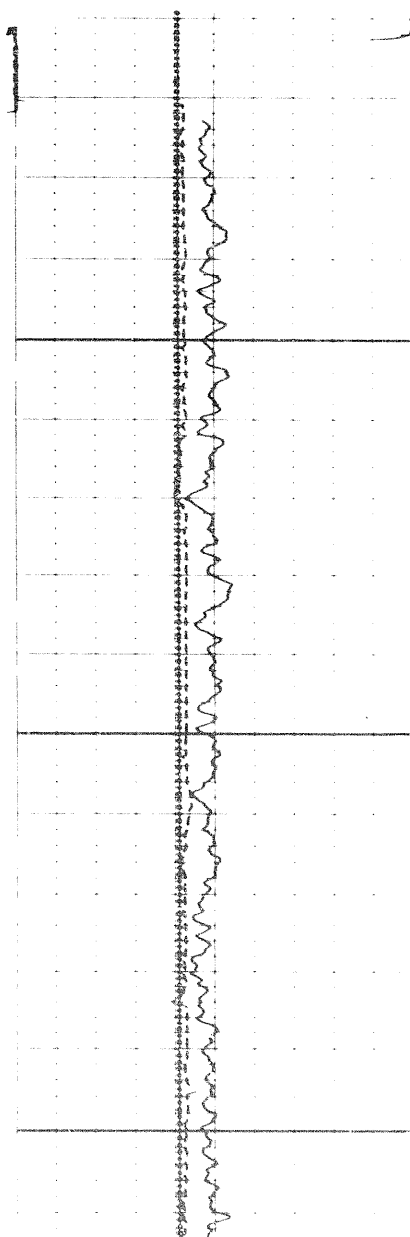
← One Millisecond Travel Time



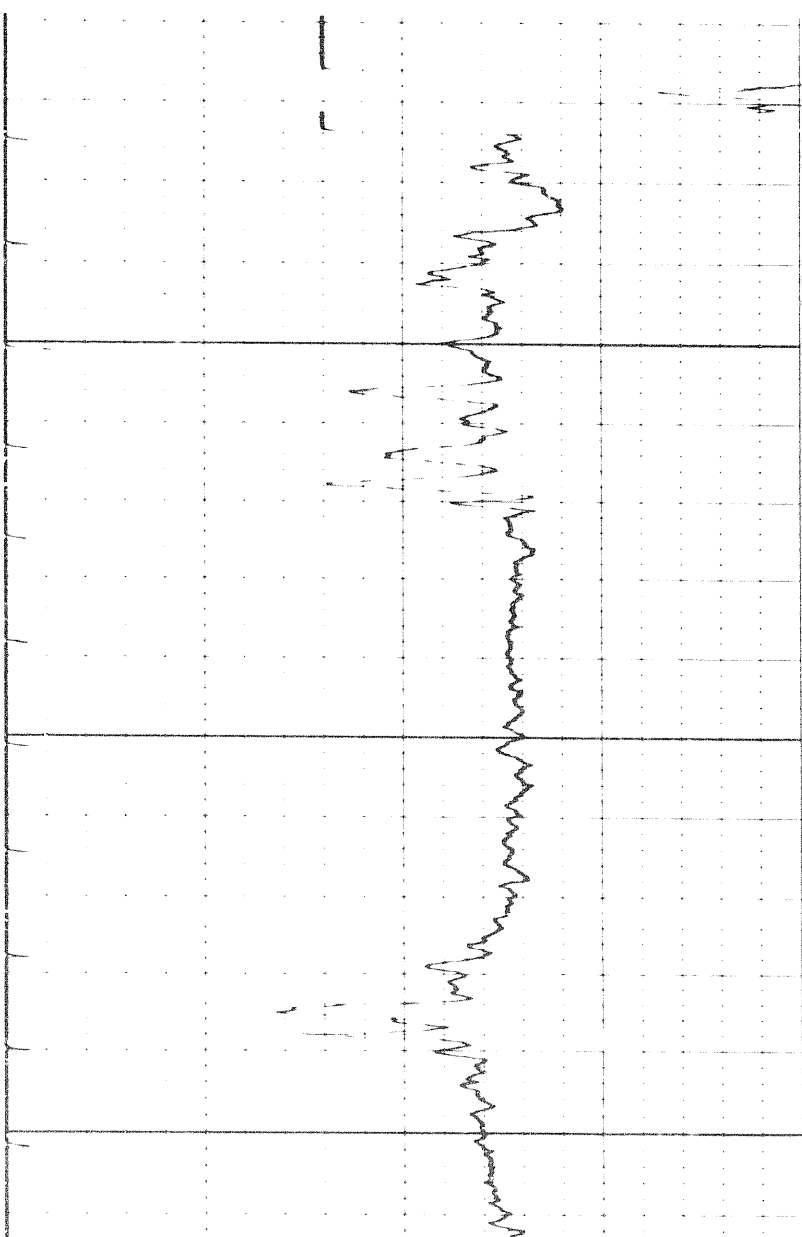
FR
2000

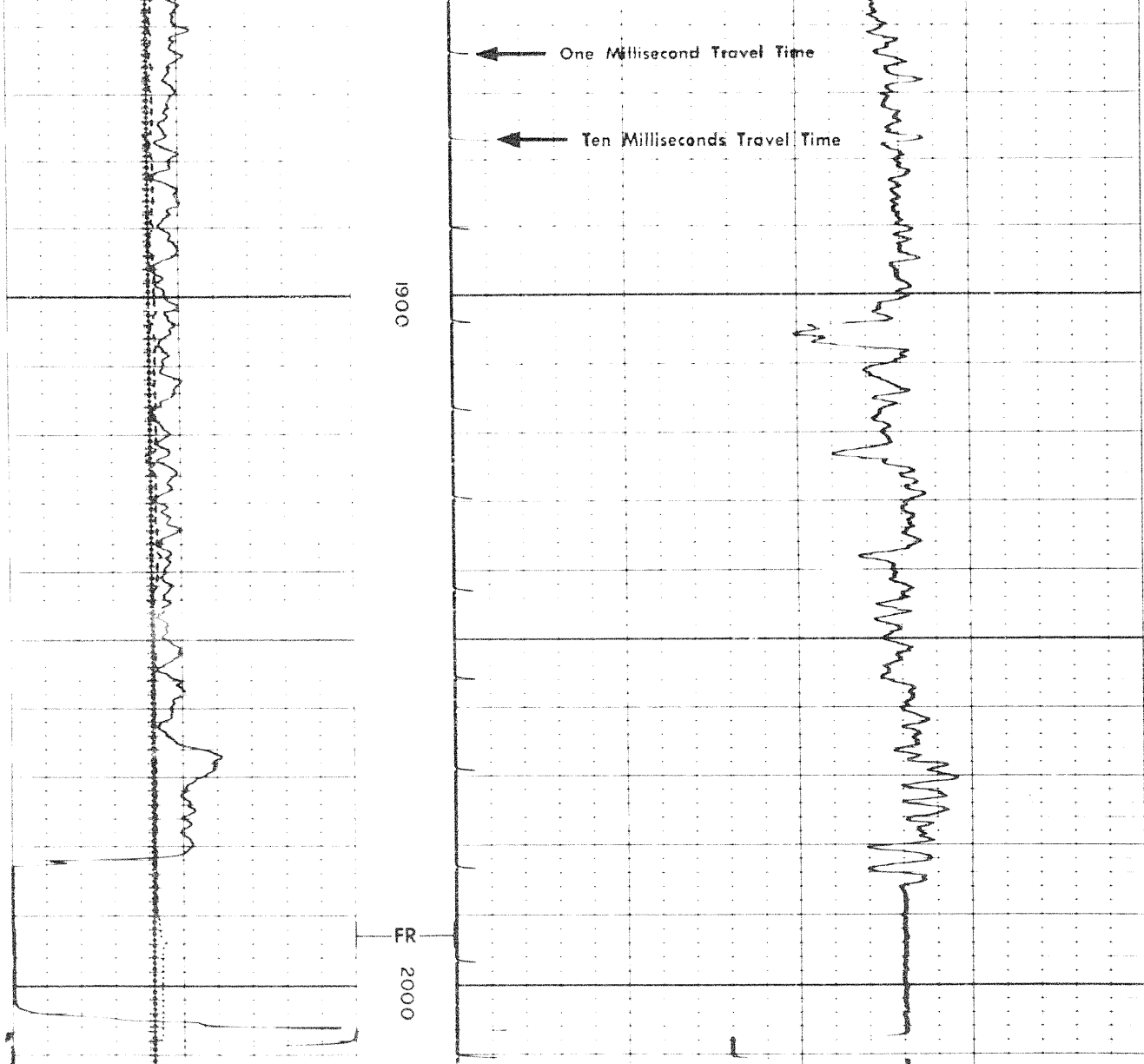


REPEAT SECTION



1800





9 10 11 12 13 14 15 16 17

CALIPER
hole diameter in inches

Sens TC
Zero div to left

GAMMA RAY
API UNITS

DEPTHS

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

DETAIL LOG
5" = 100'

GAMMA RAY
API UNITS

DEPTHS

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

Sens TC

Sens 1.50 TC
Zero div to left

40

40

Speed in FPM

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

GAMMA RAY
API UNITS

DEPTHS

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

DETAIL LOG
5" = 100'

GAMMA RAY
API UNITS

DEPTHS

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

Speed in FPM

Sens. T.C.
Zero div. to left

CALIPER
hole diameter in inches

9 10 11 12 13 14 15 16 17

Calibration after Survey

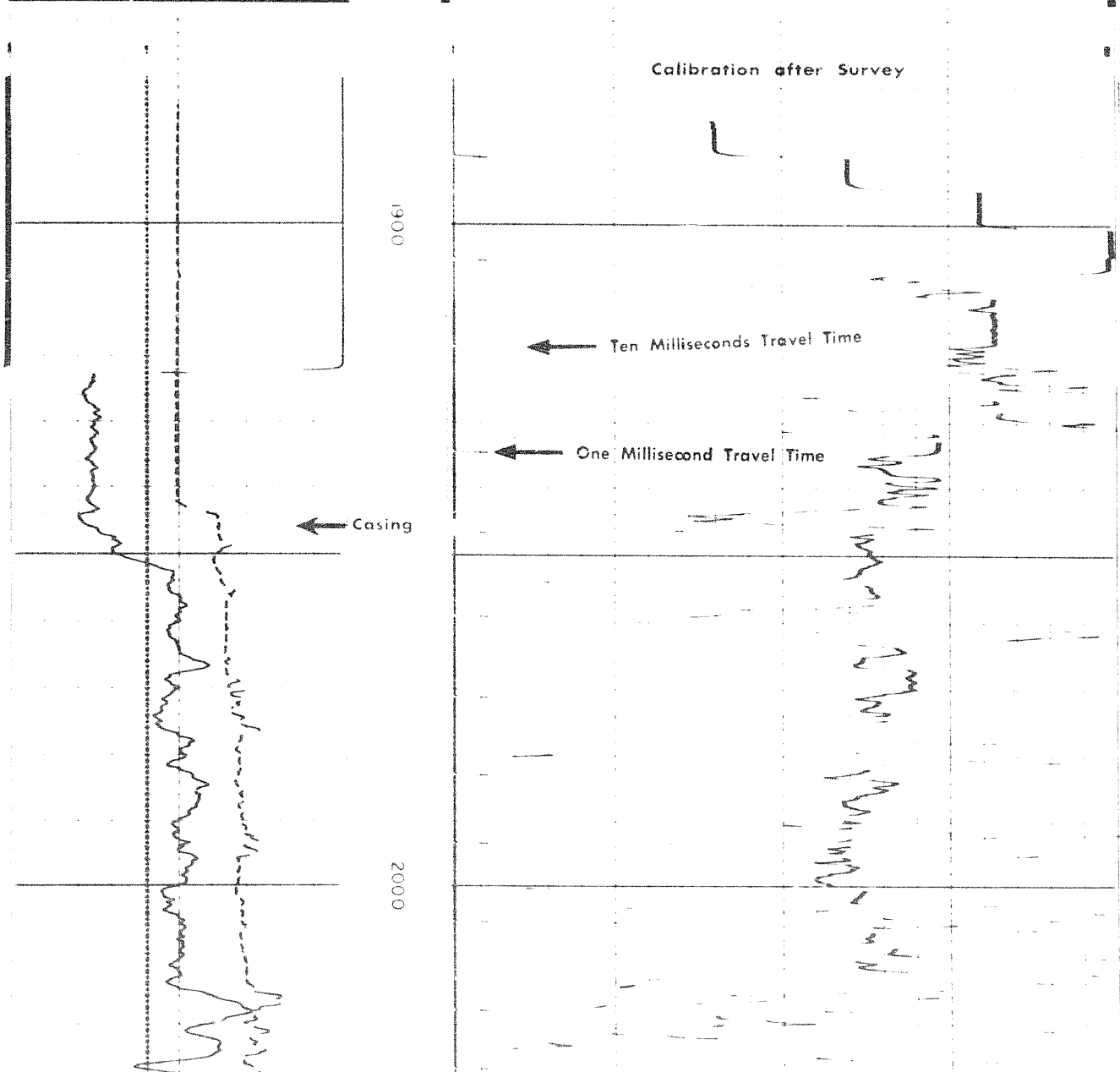
1900

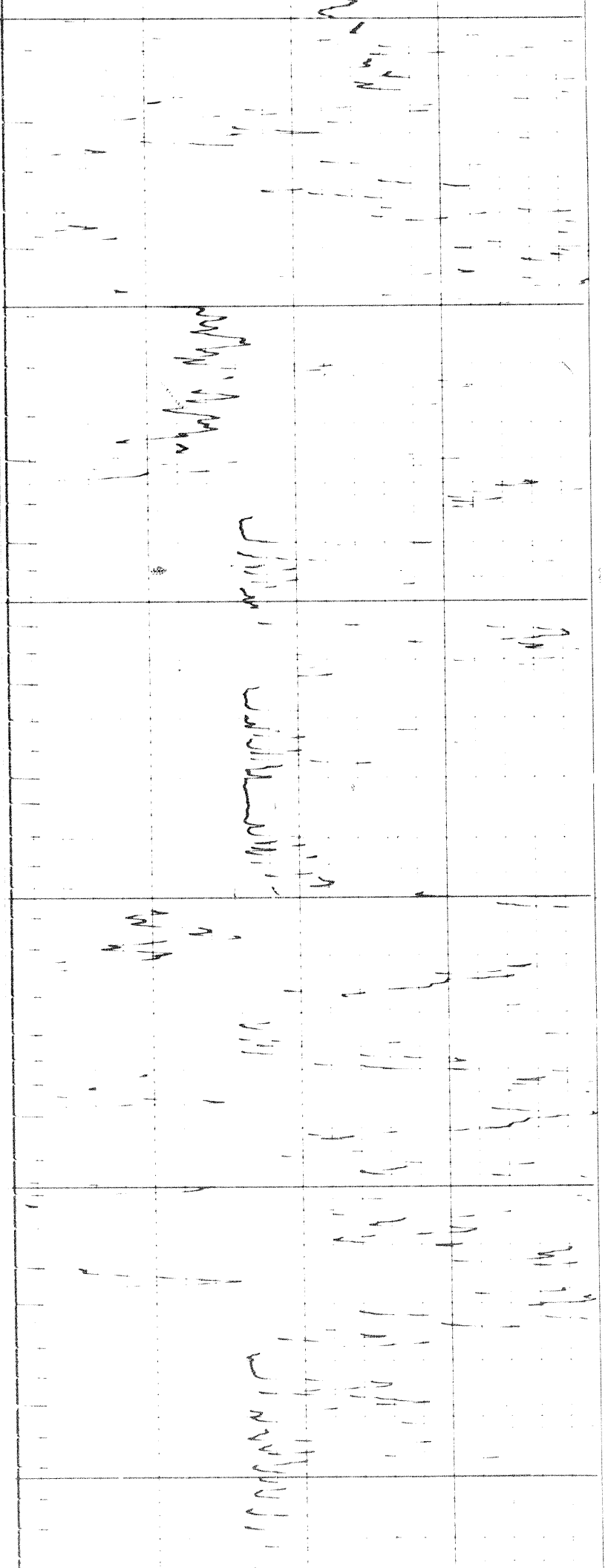
← Ten Milliseconds Travel Time

← One Millisecond Travel Time

← Casing

2000

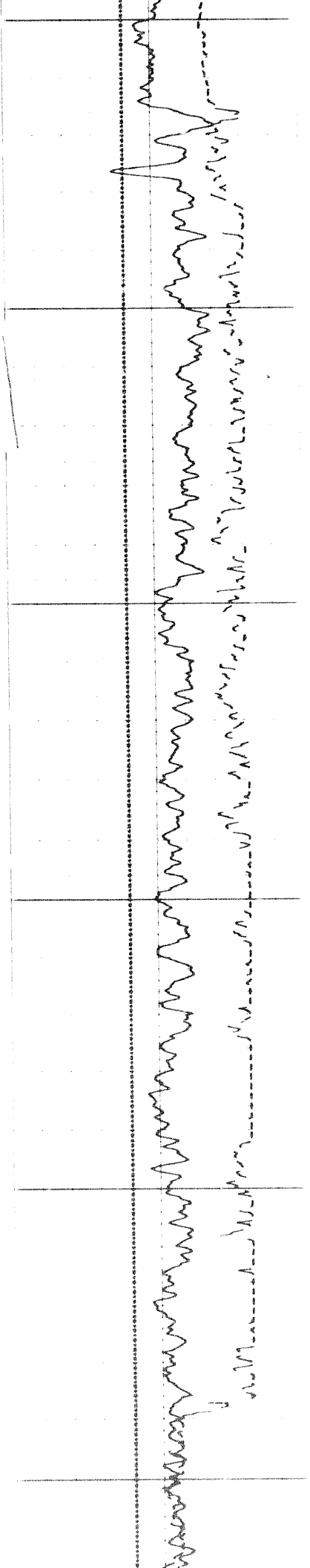




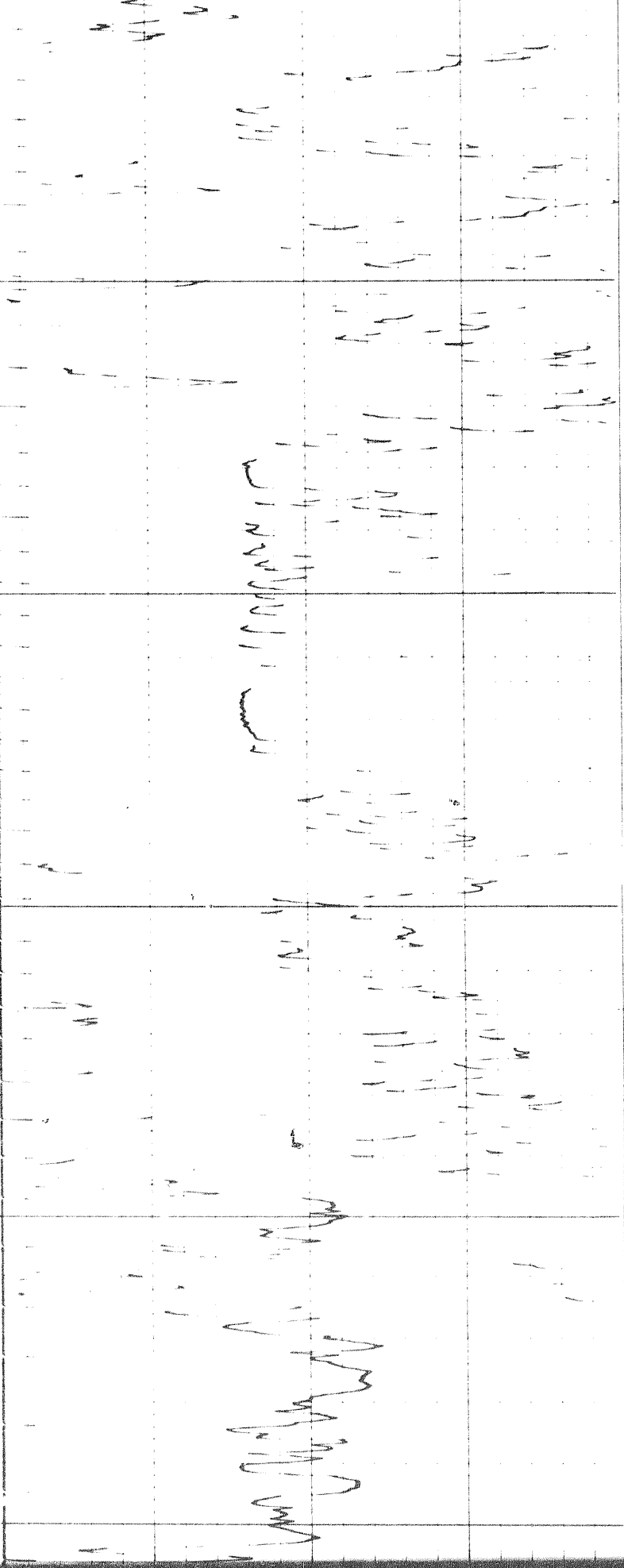
2000

2100

2200



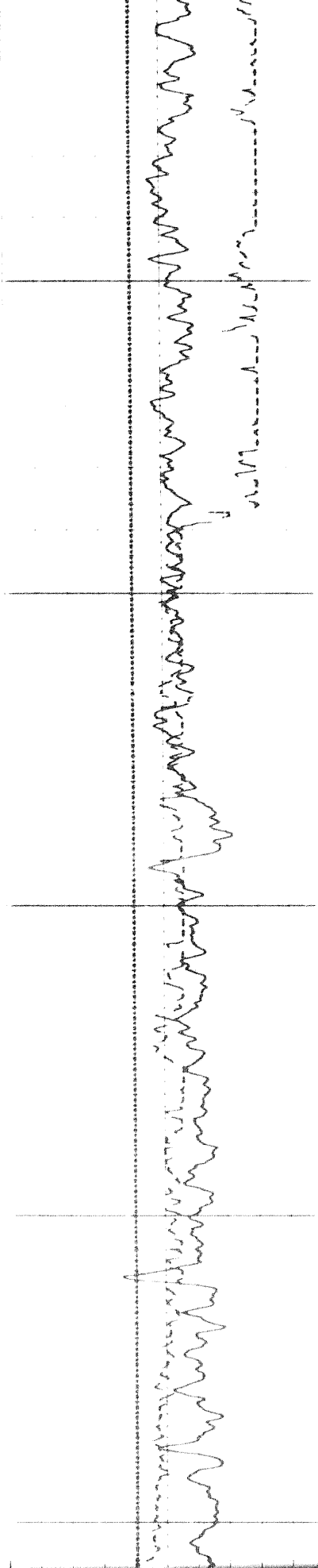
12 of

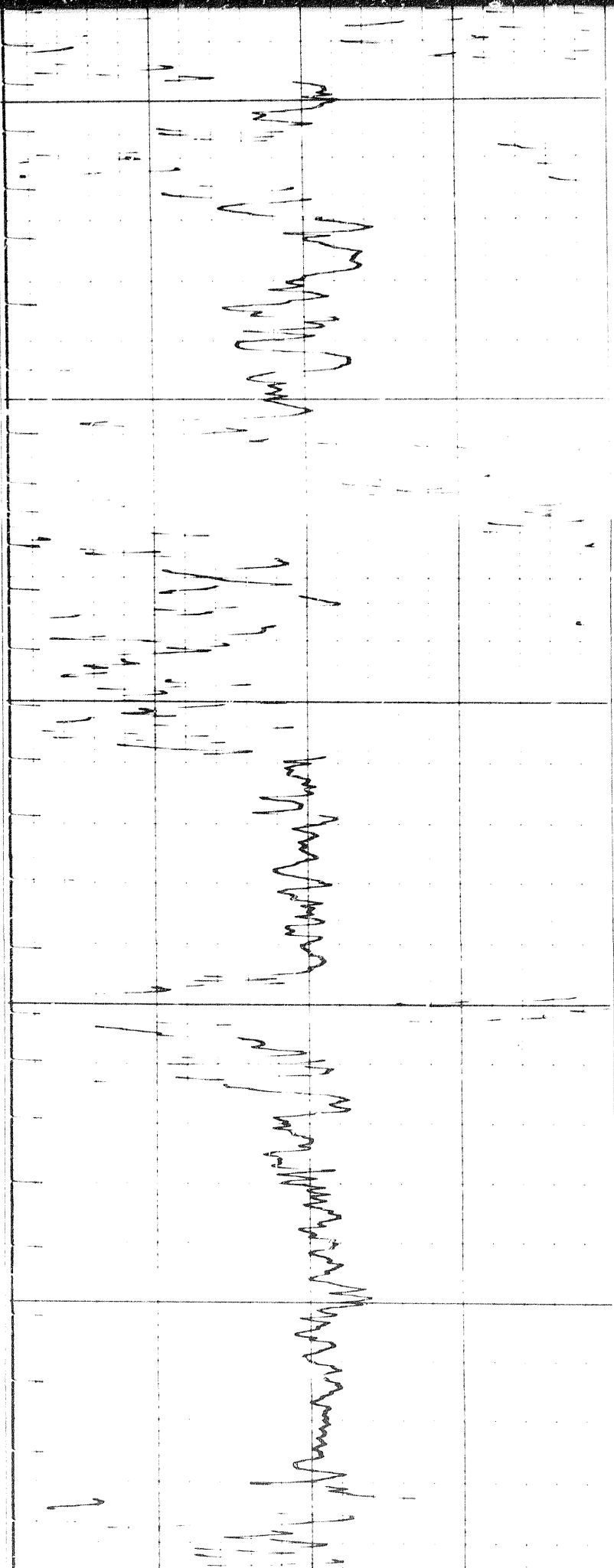


2200

2300

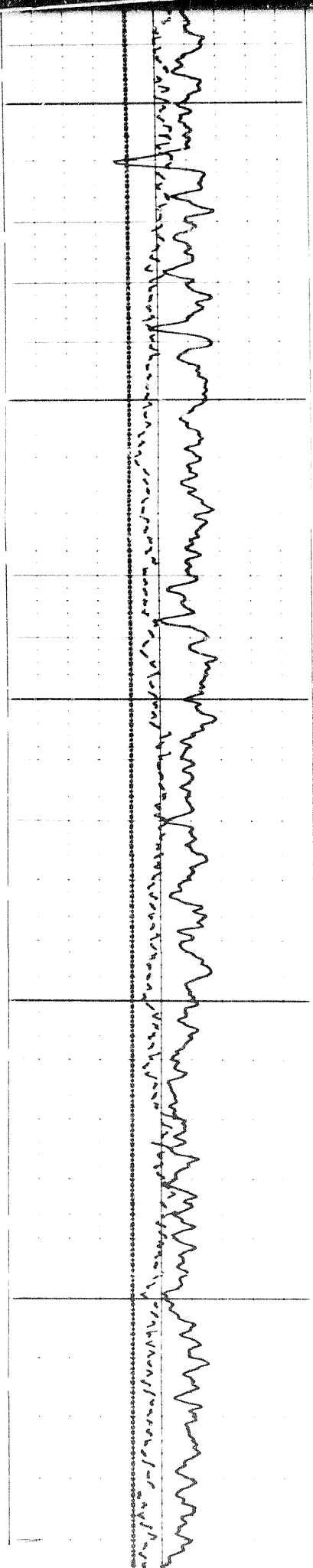
2400

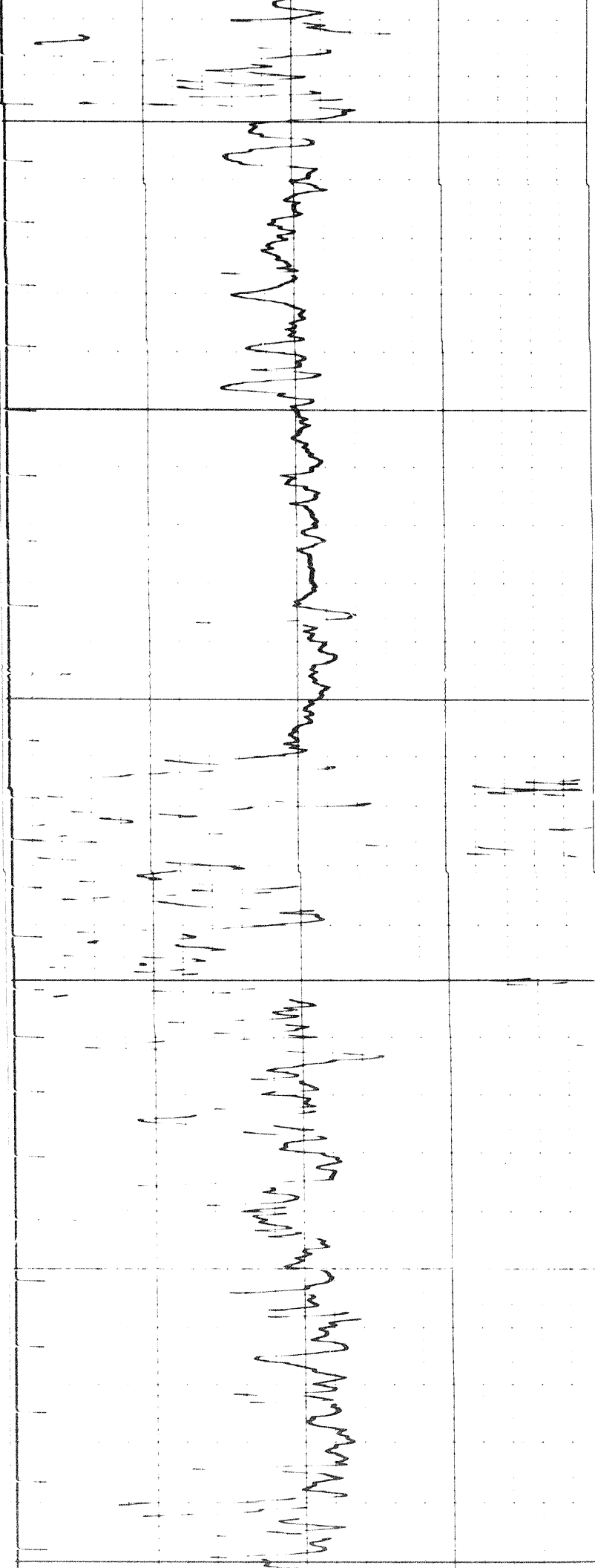




2400

2500



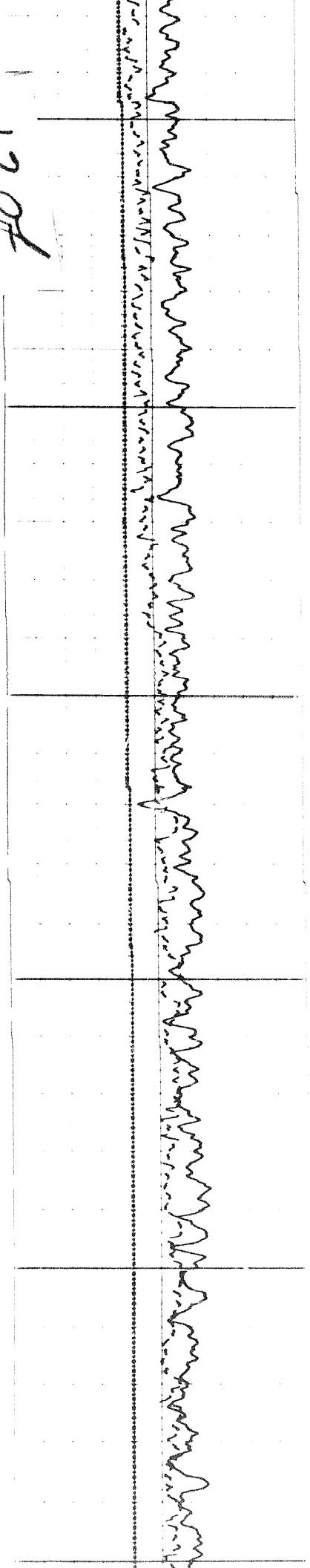


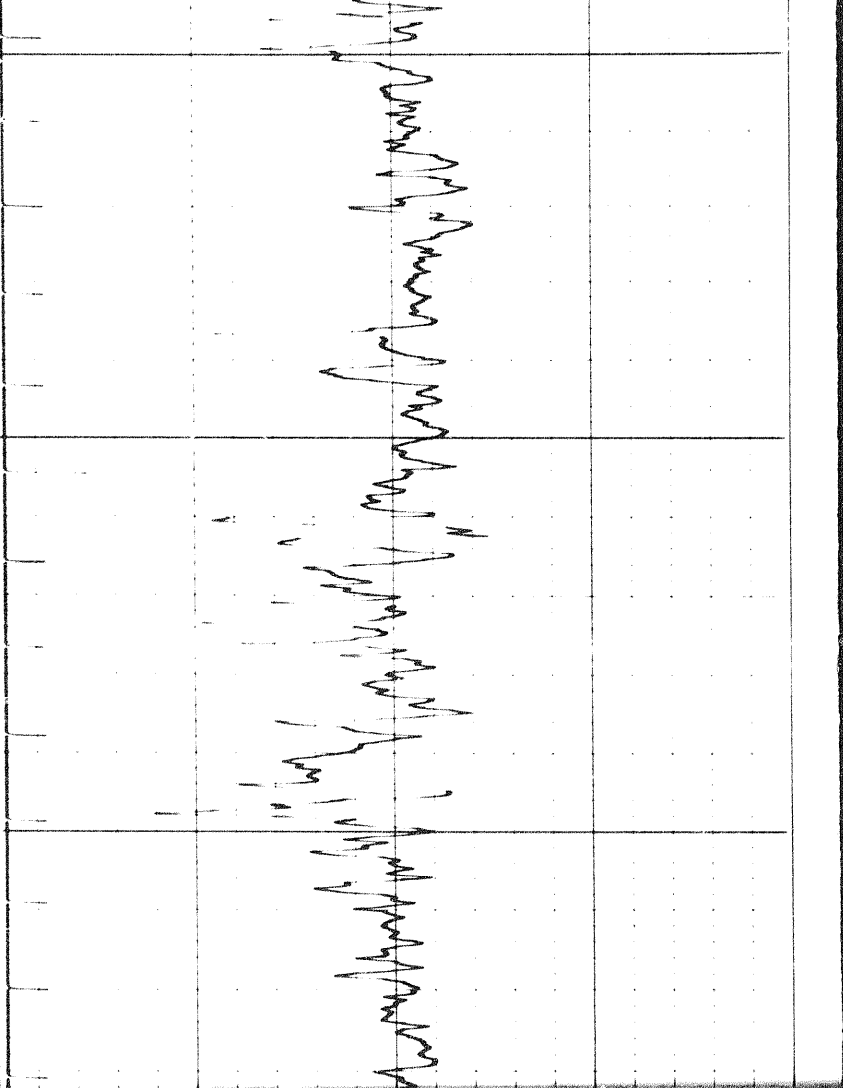
2600

2700

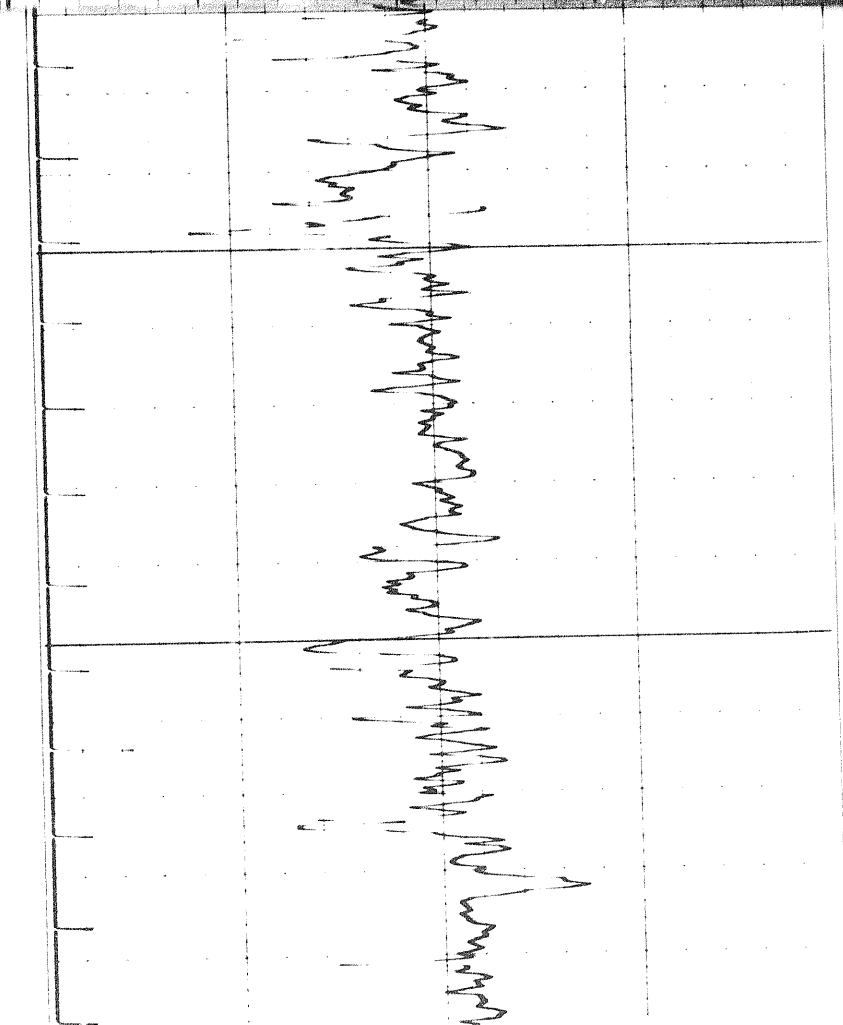
2800

13 of

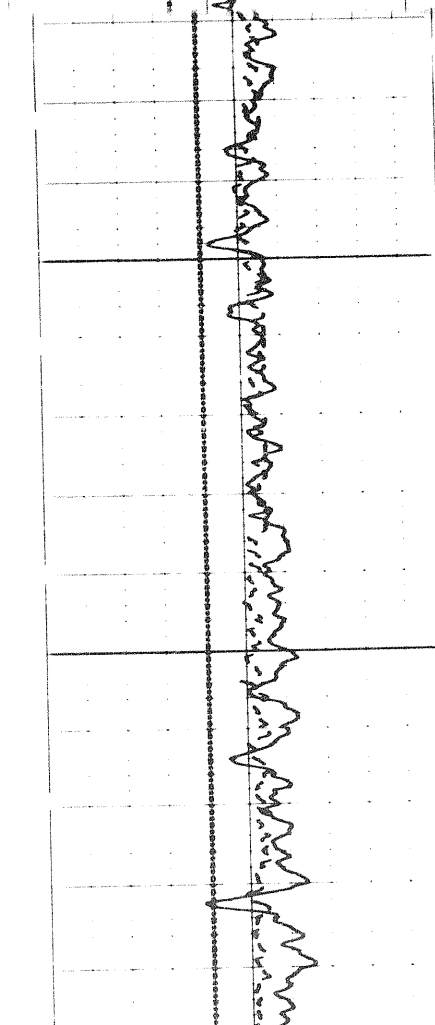
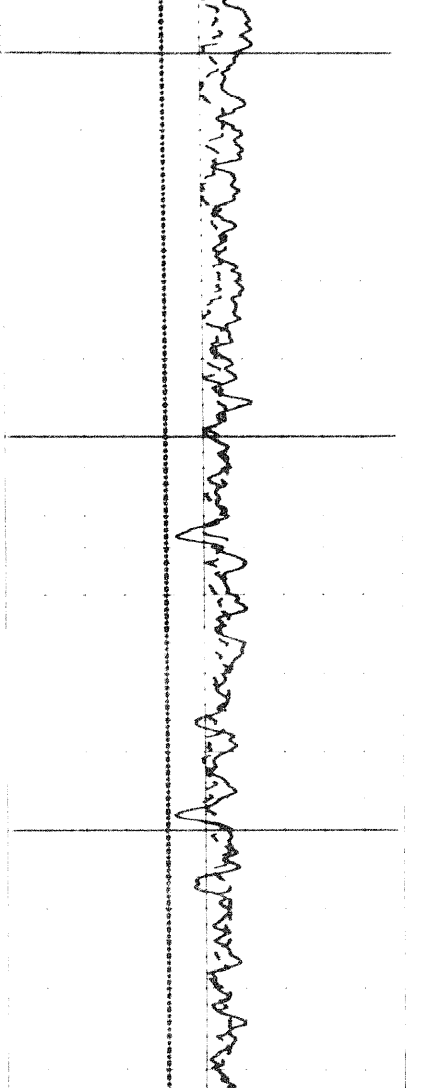




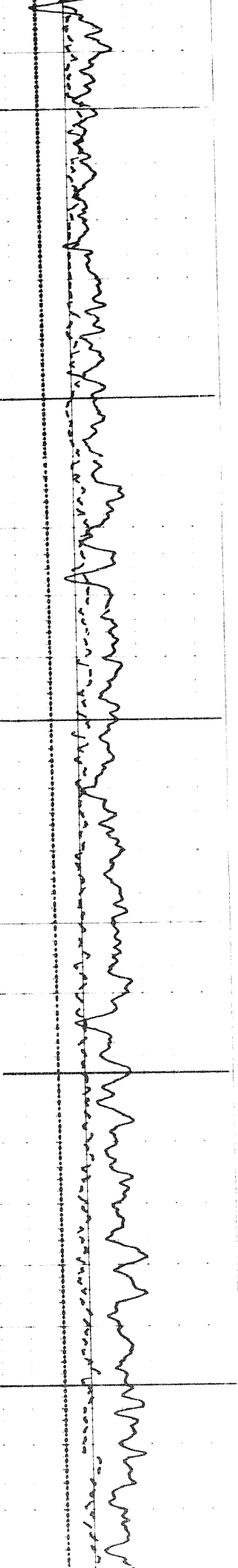
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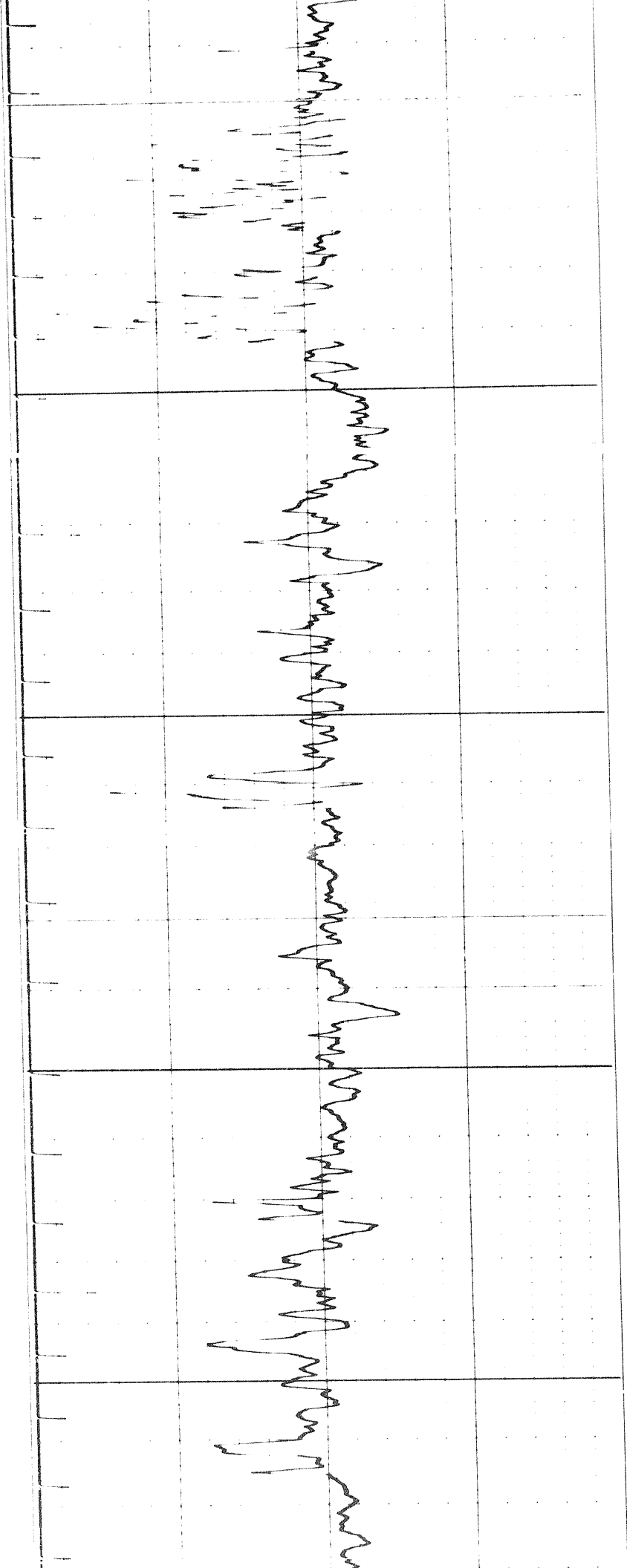


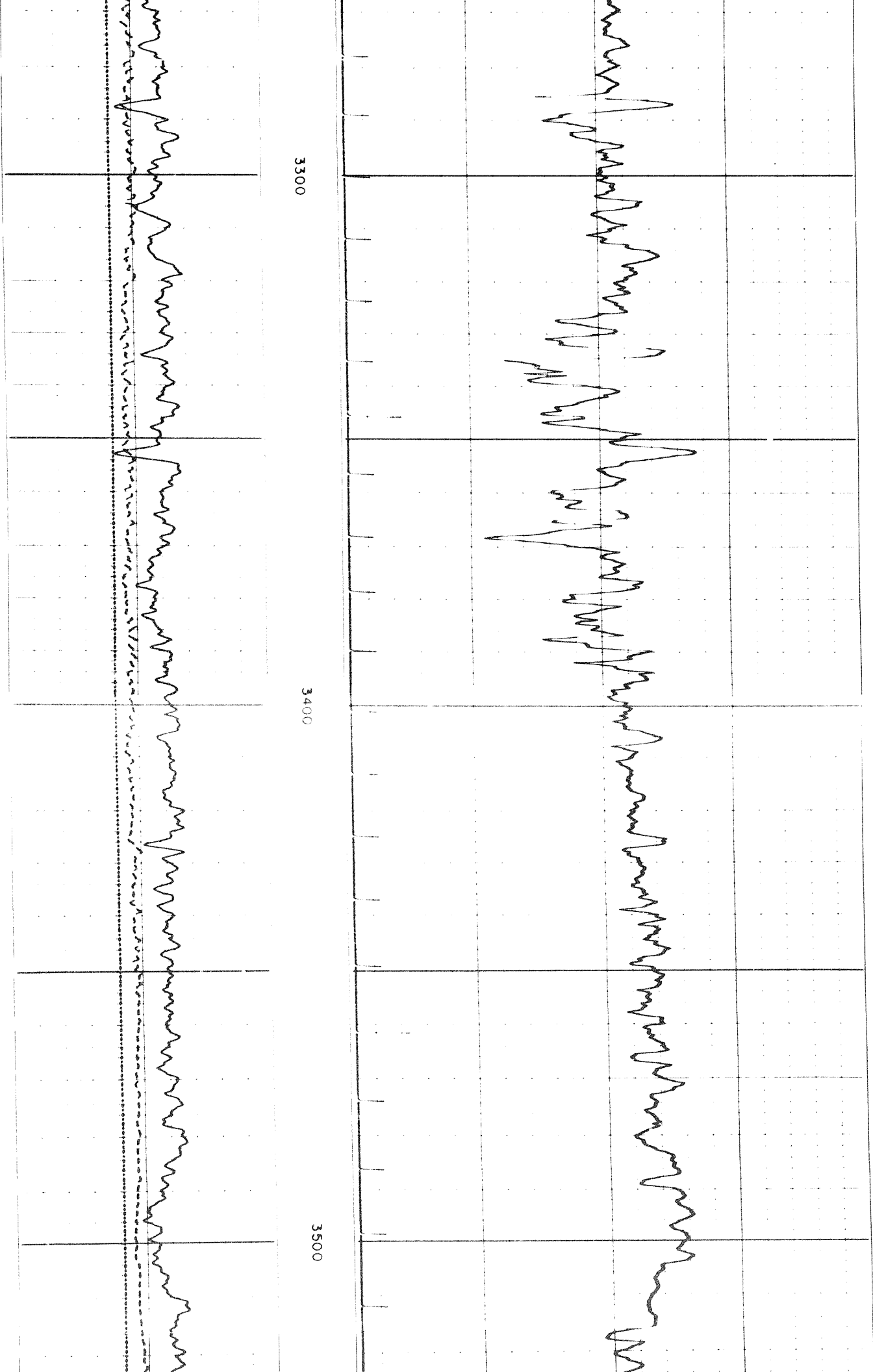
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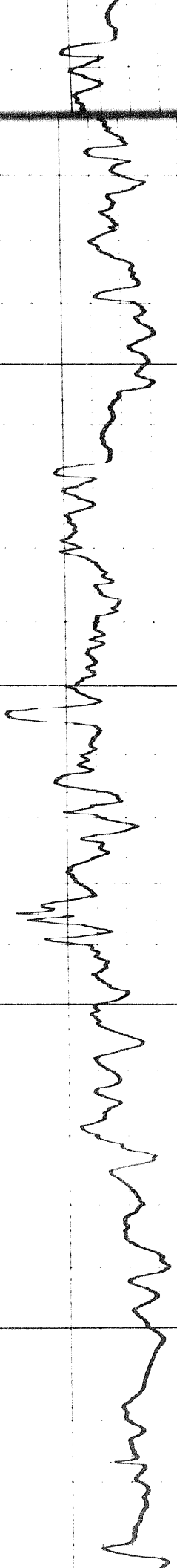


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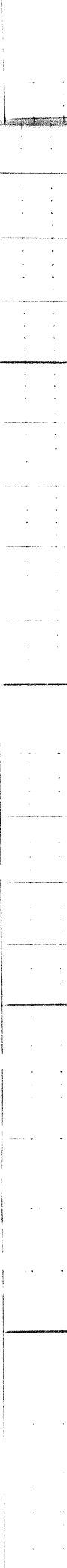




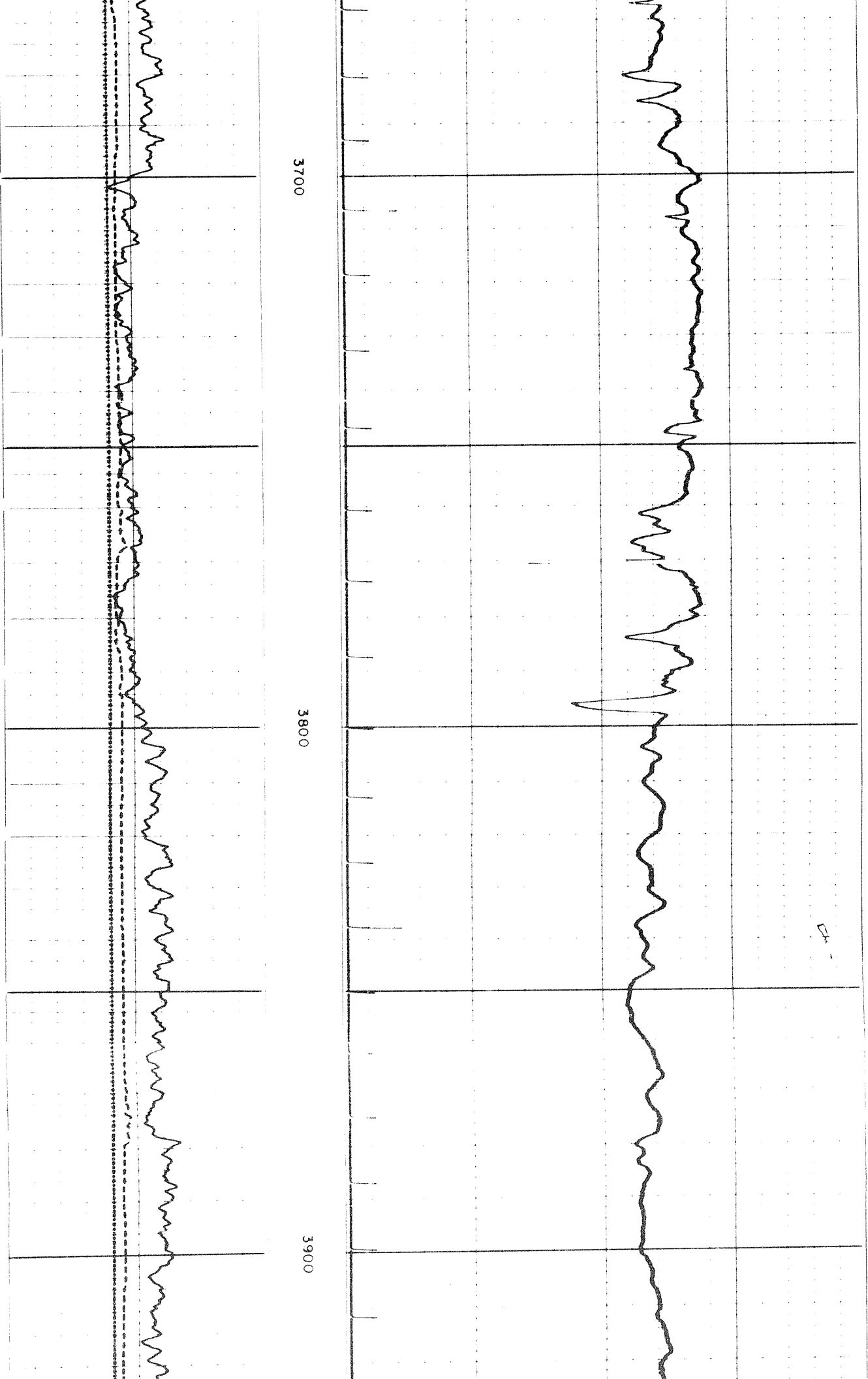


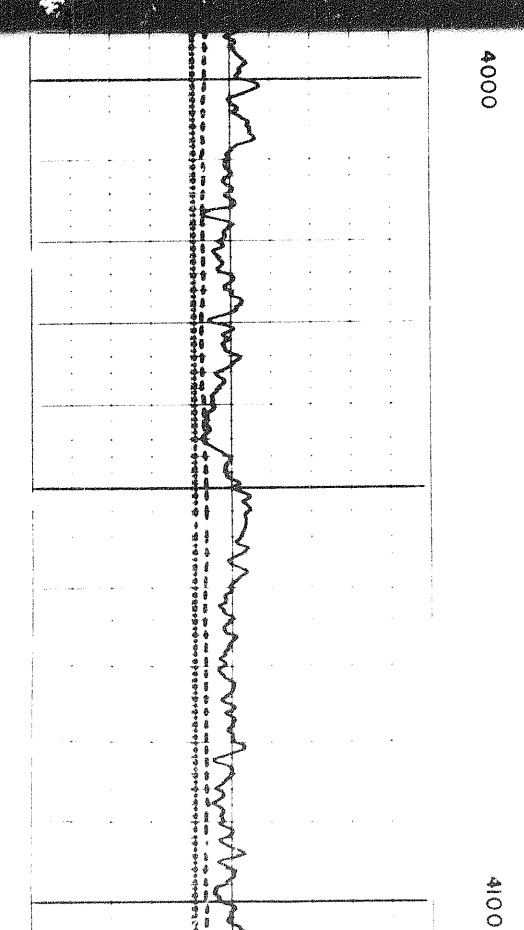
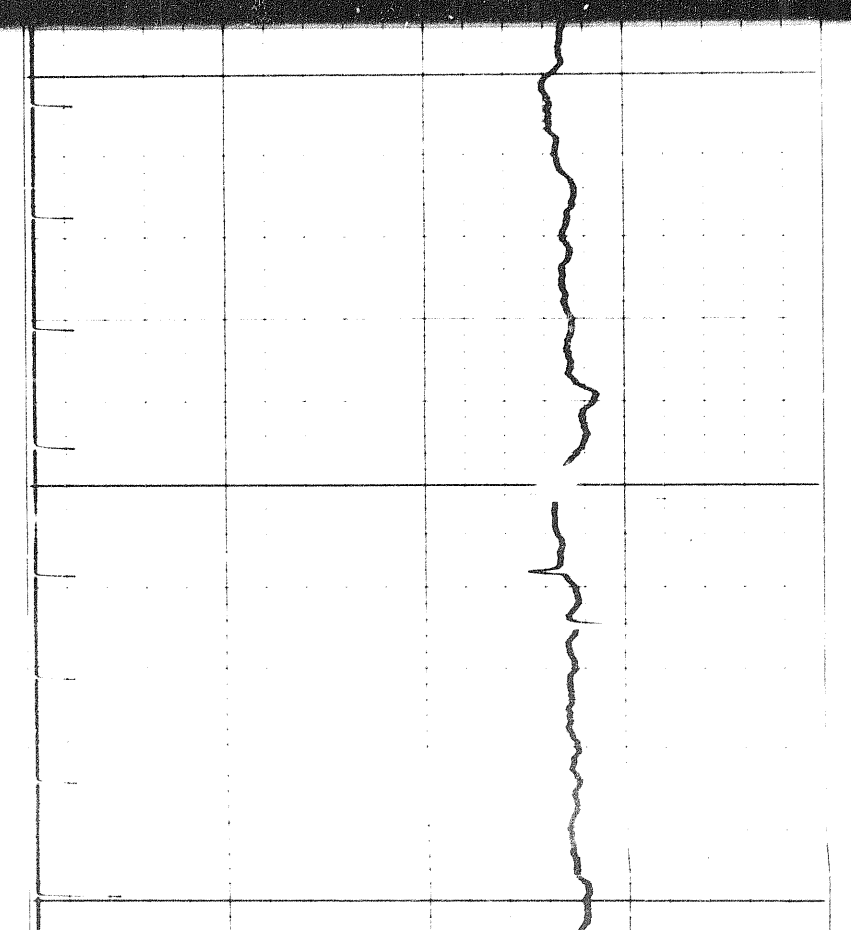
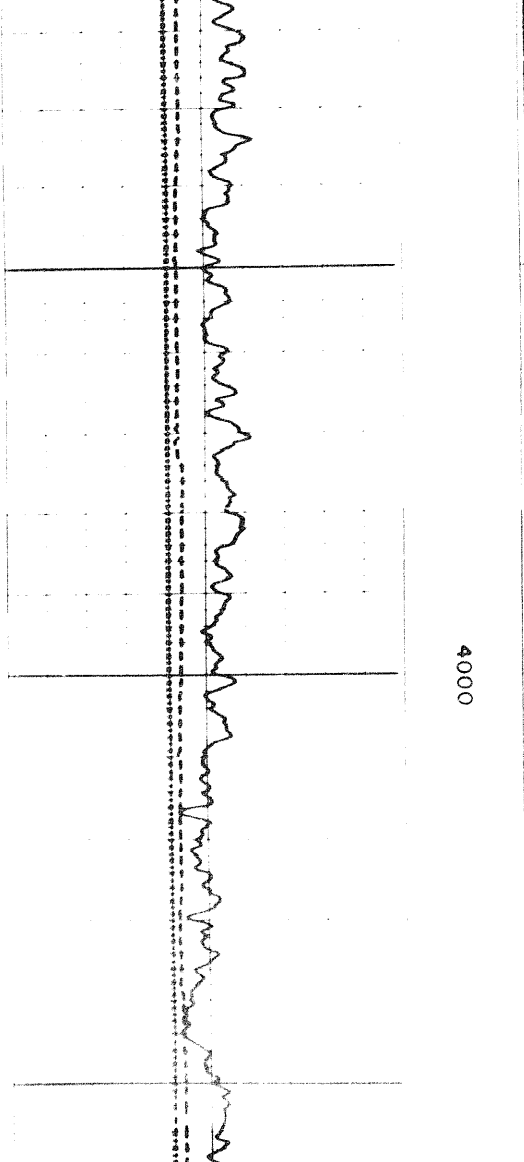
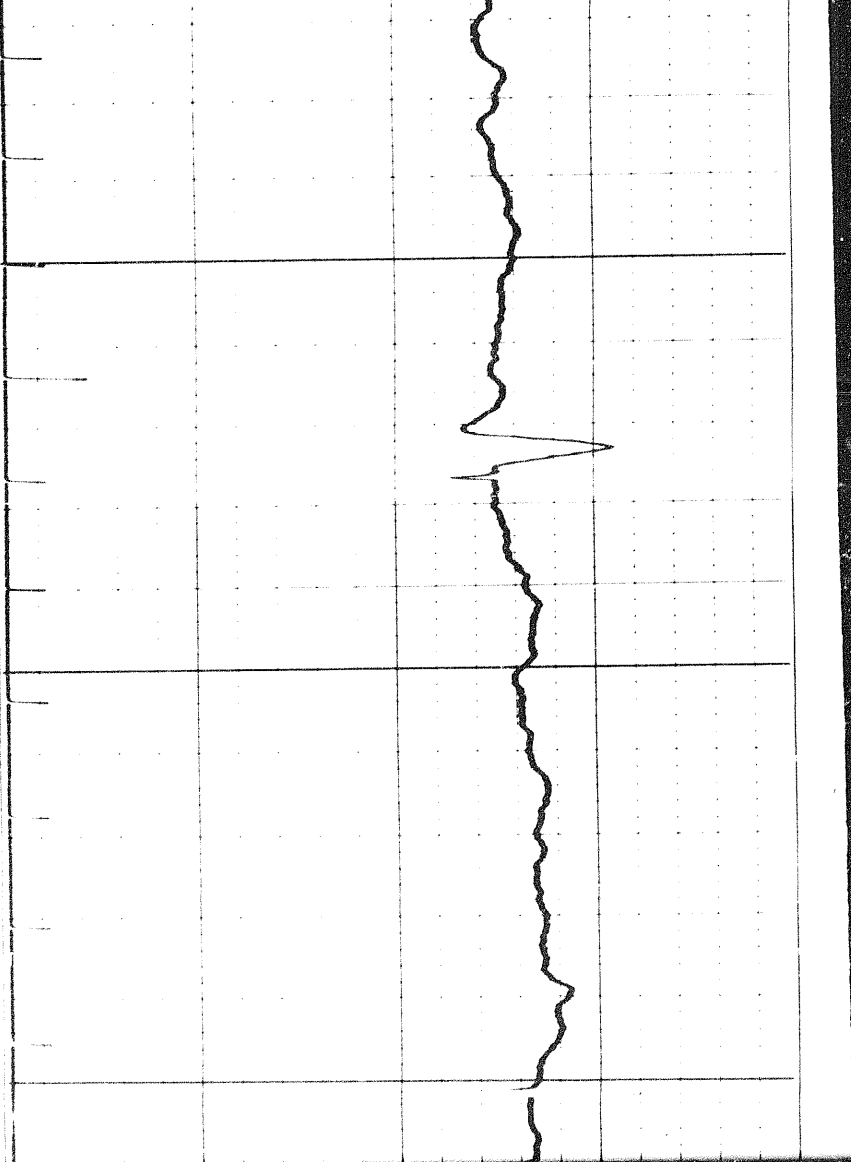
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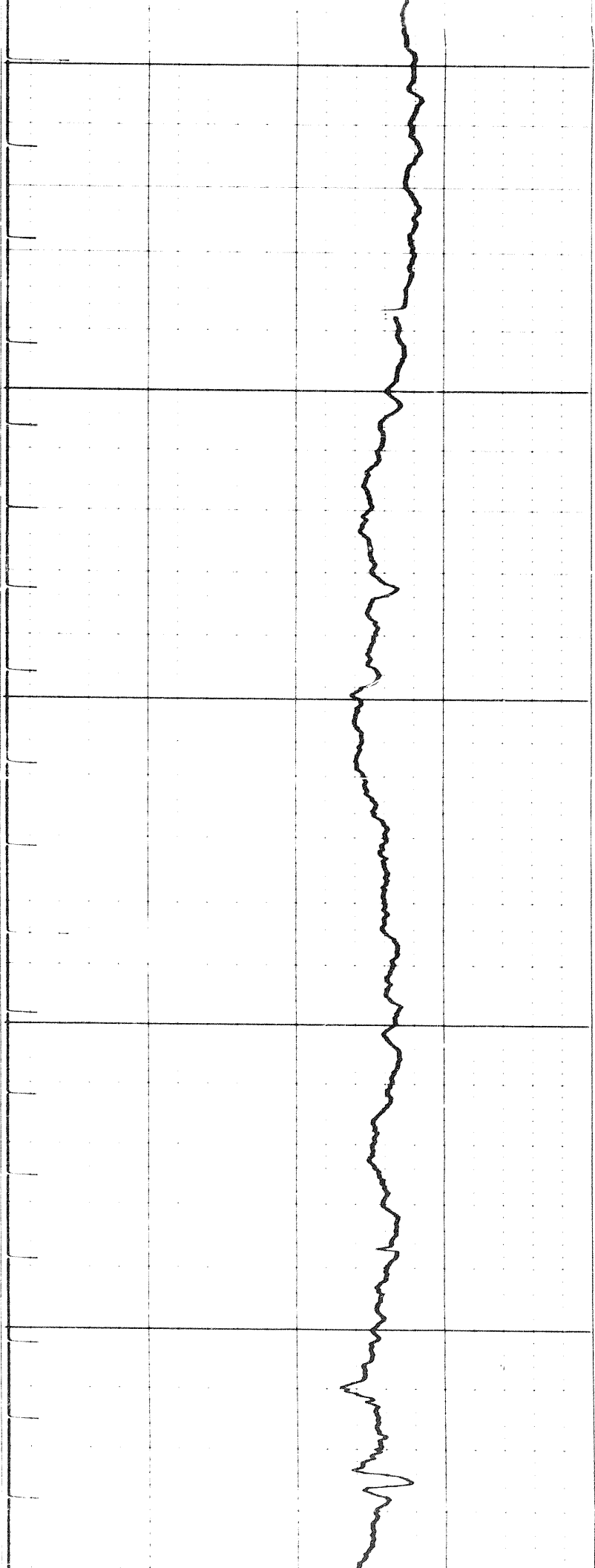
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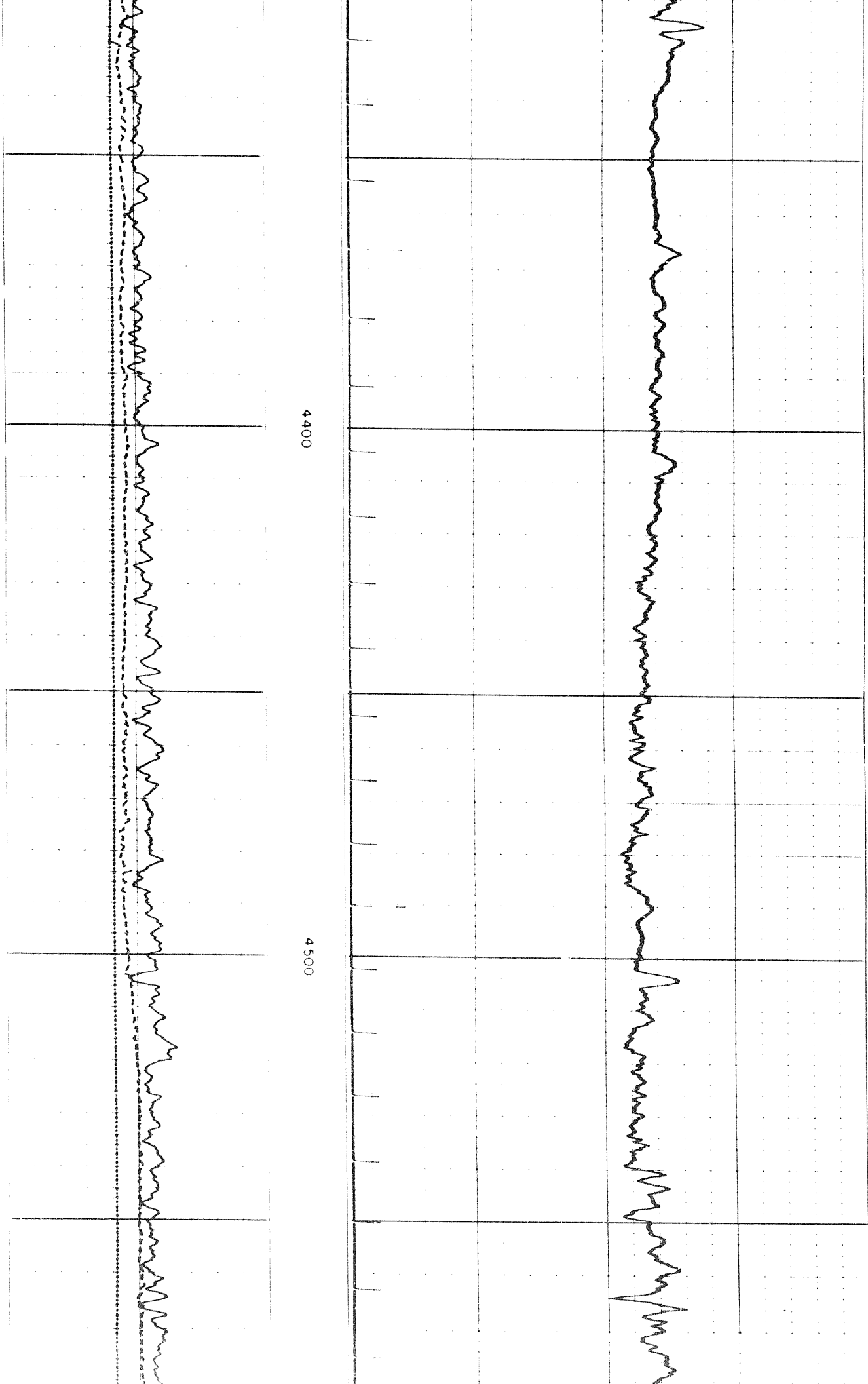


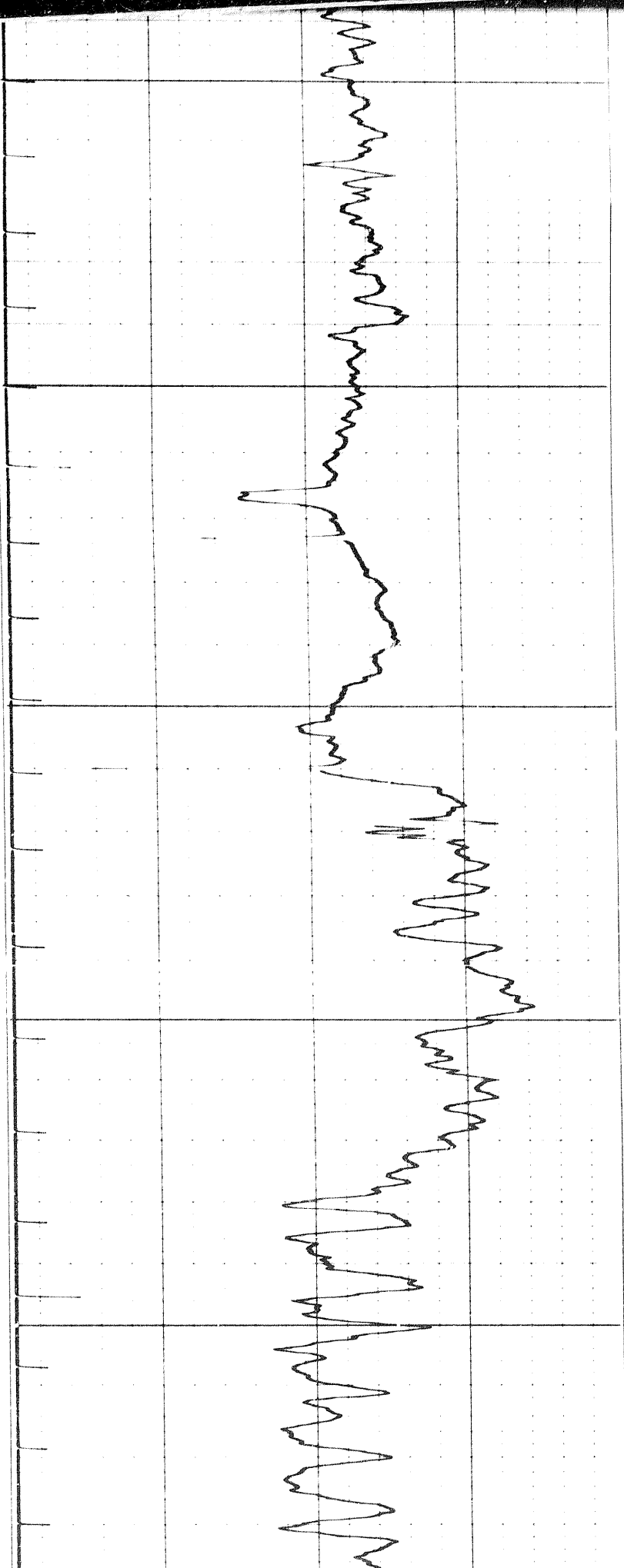
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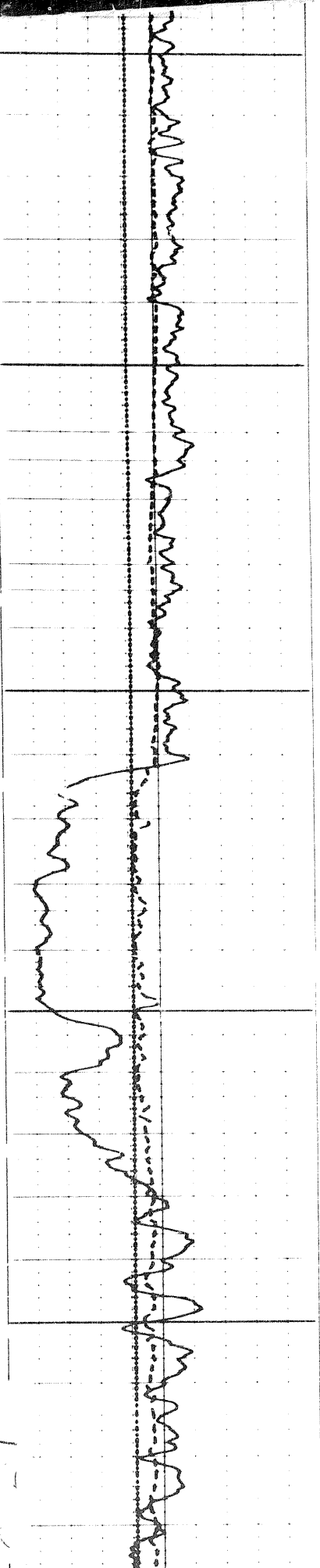
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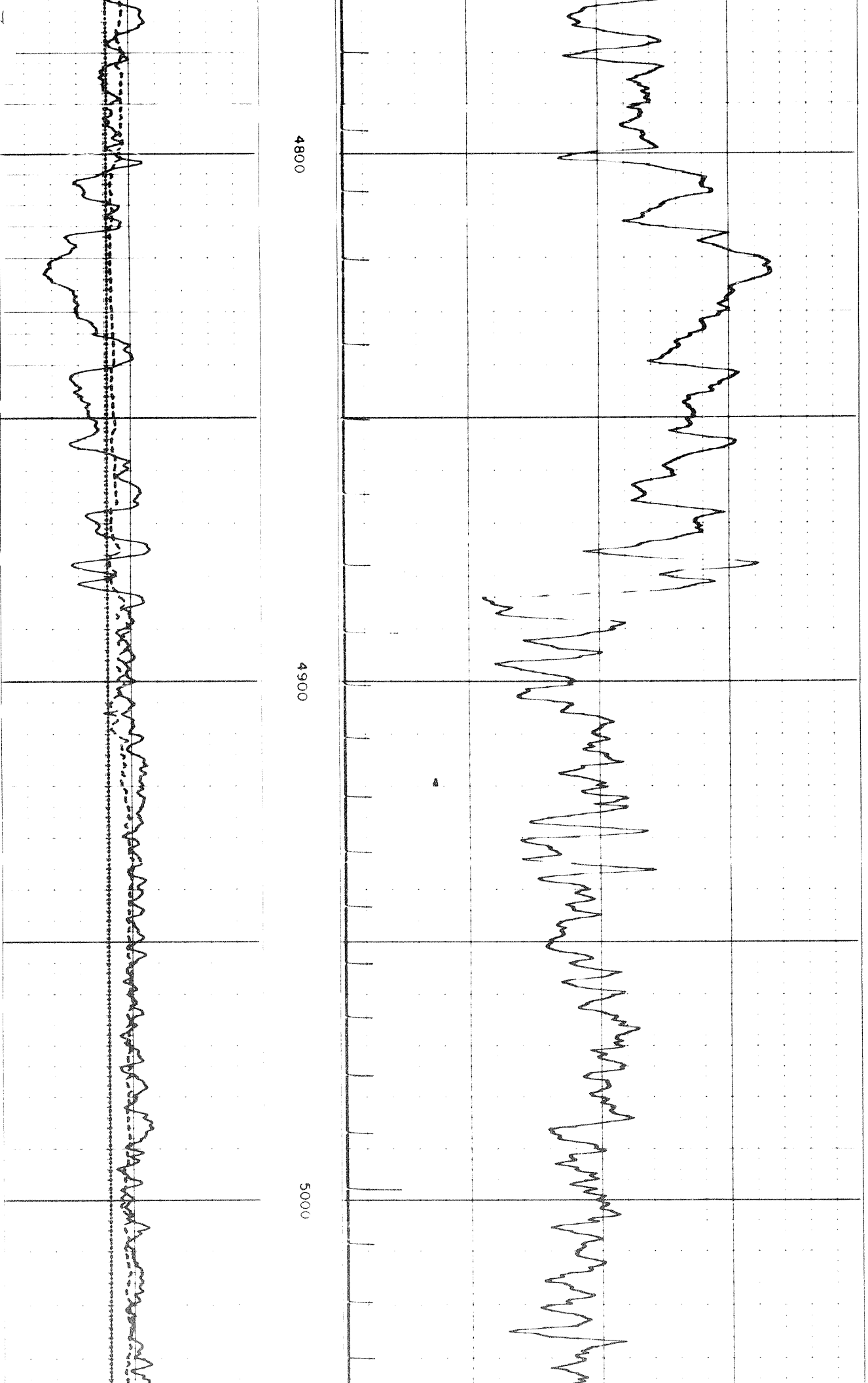
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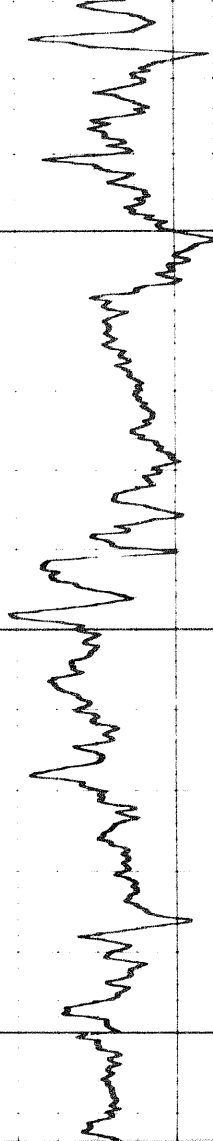
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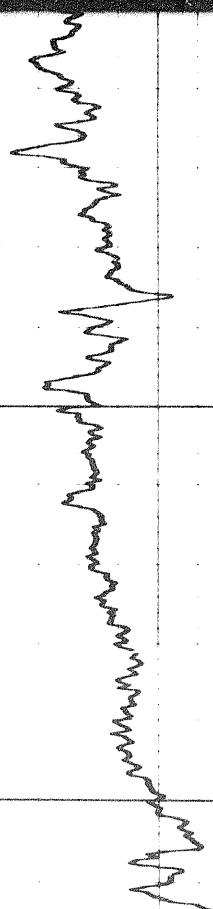
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1-5-5

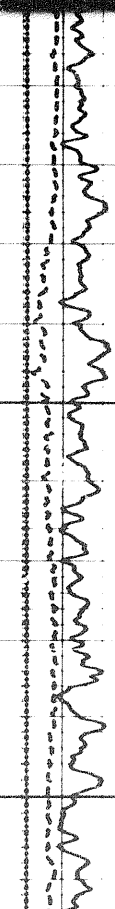
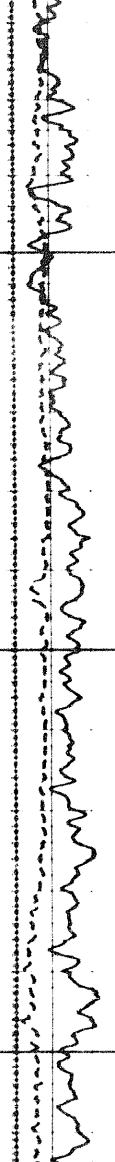


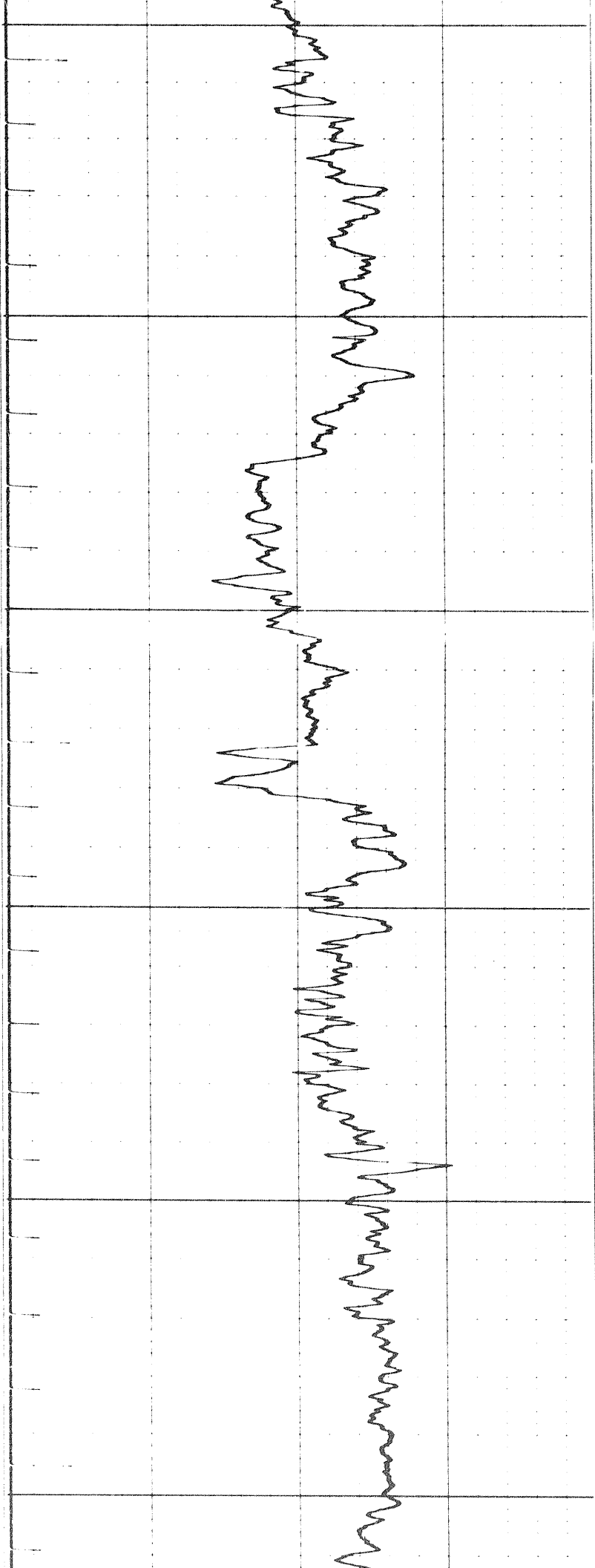


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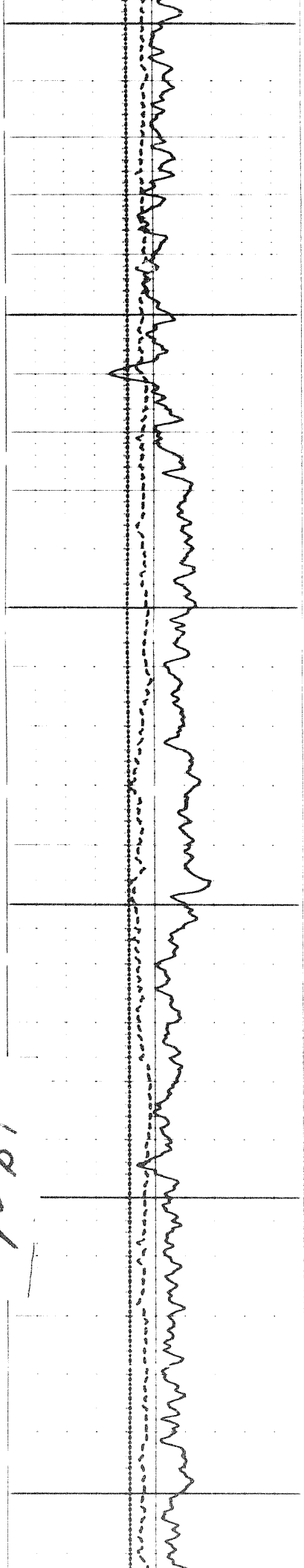


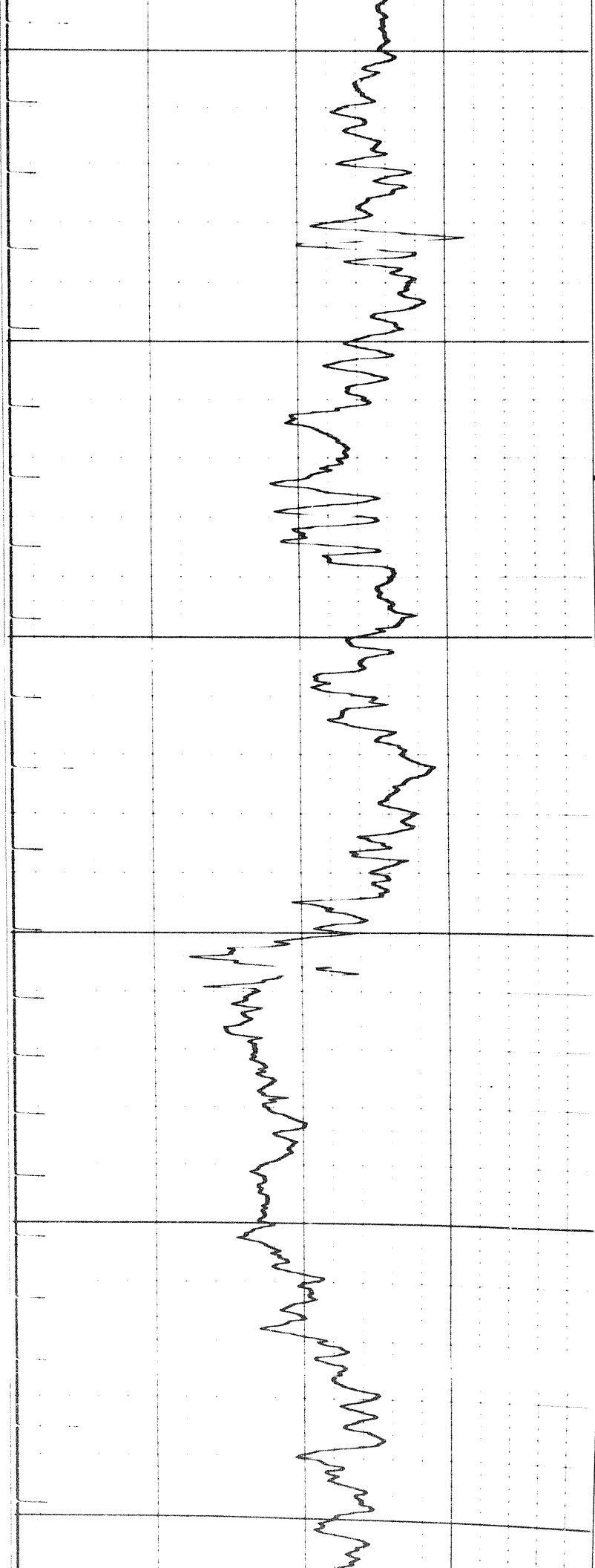
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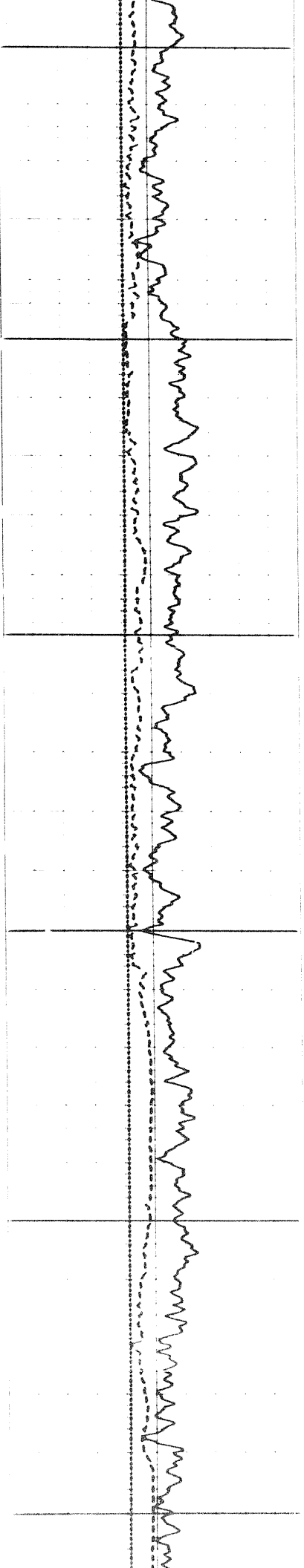


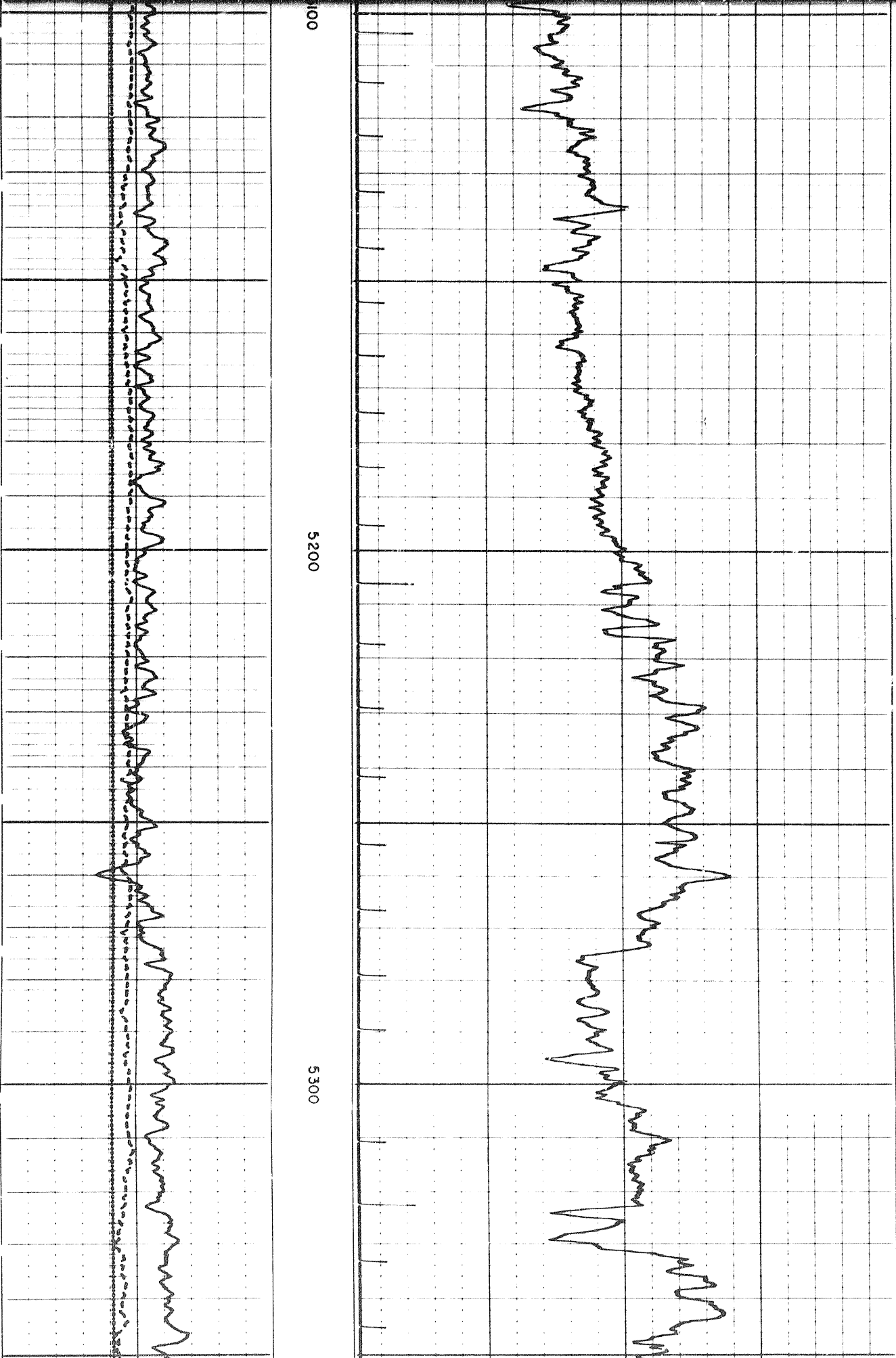


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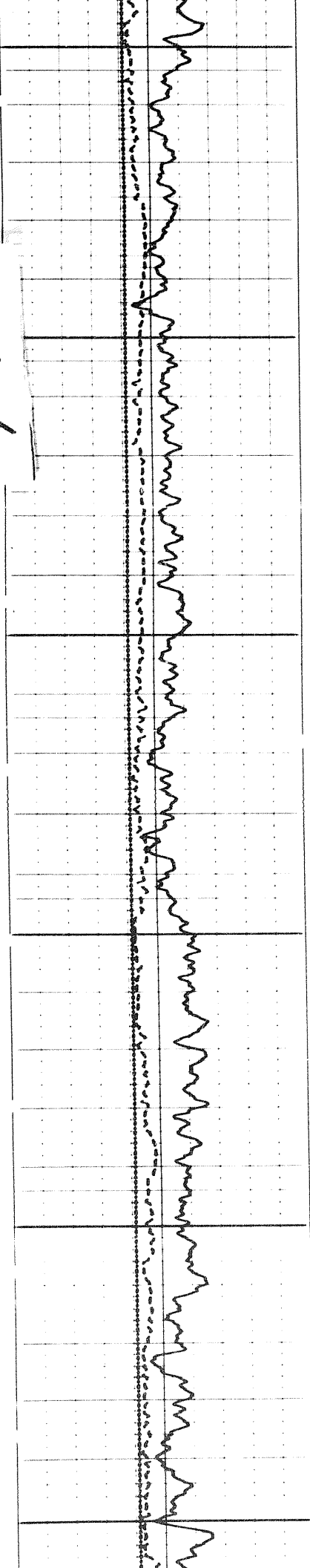
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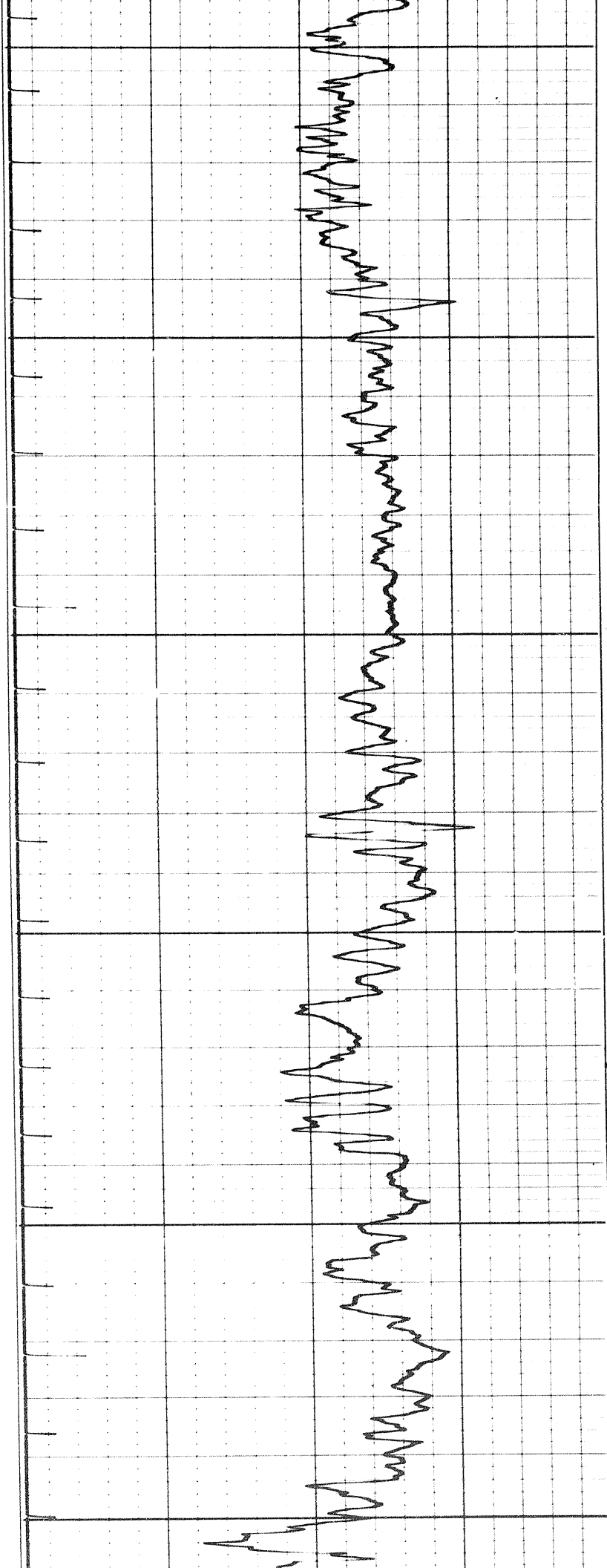
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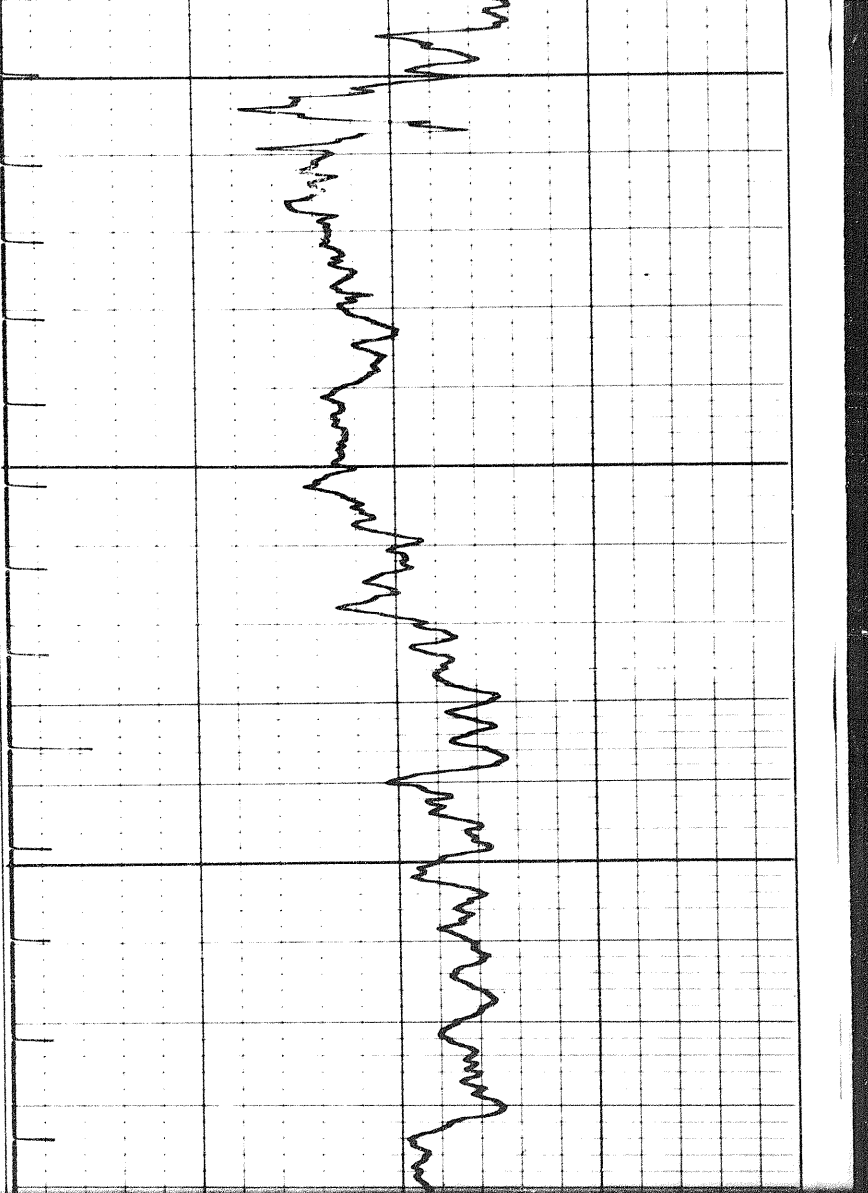


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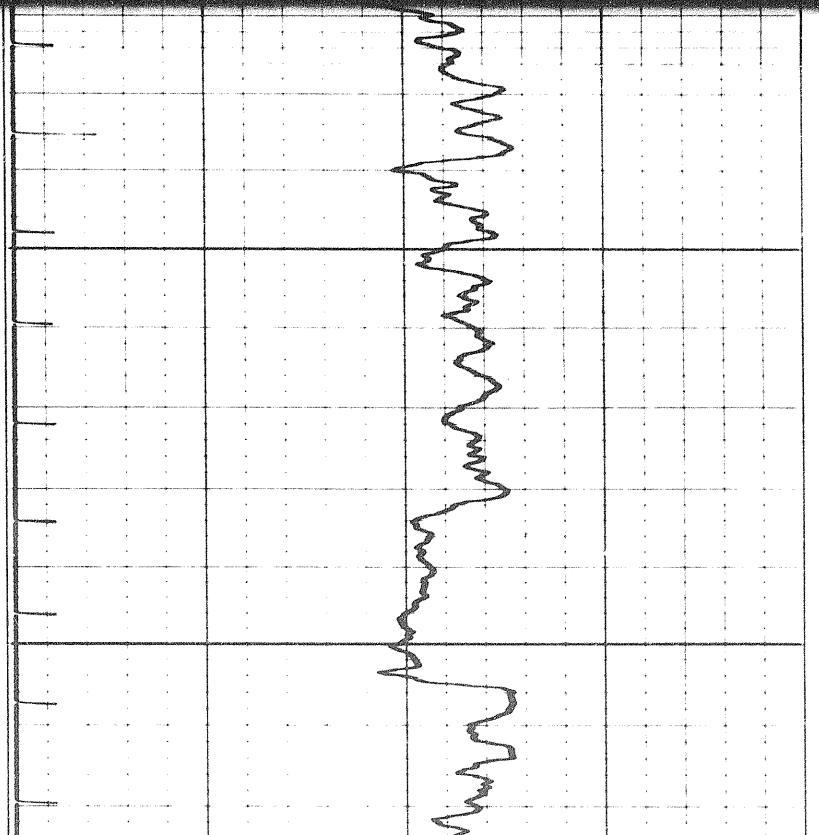
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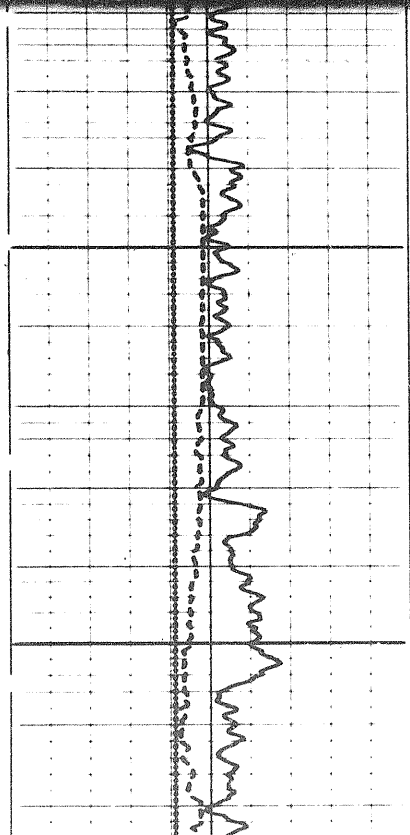
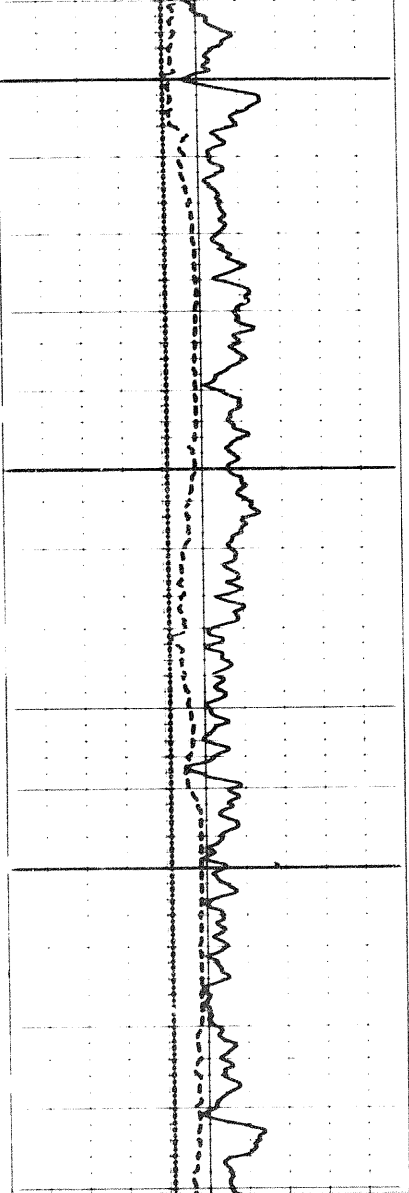


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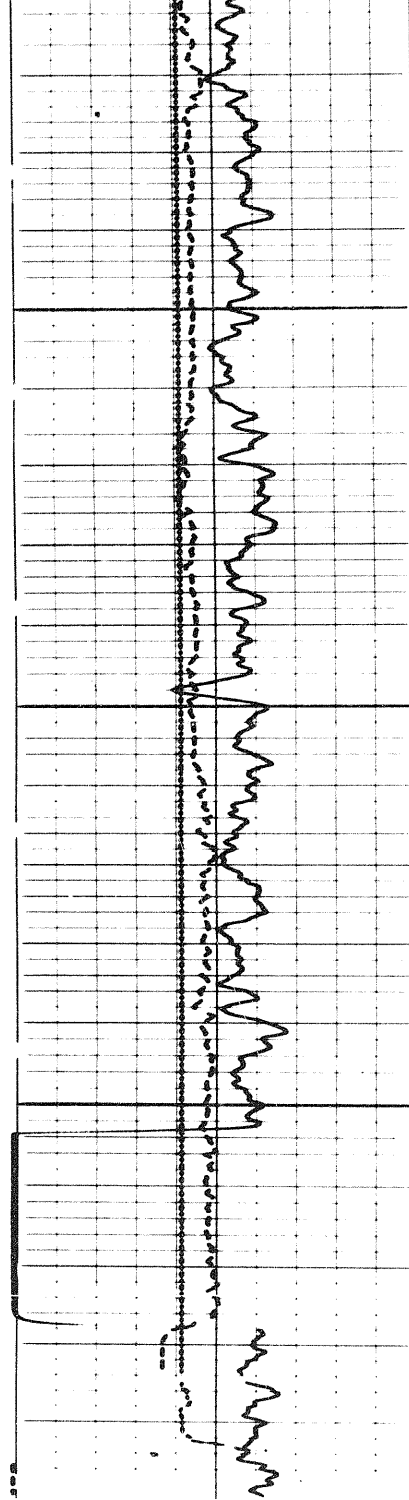
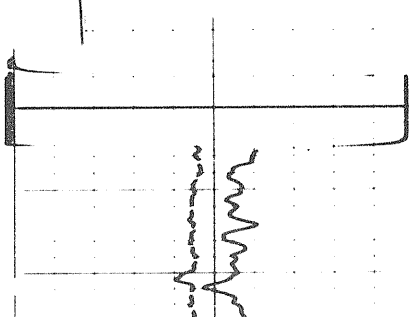
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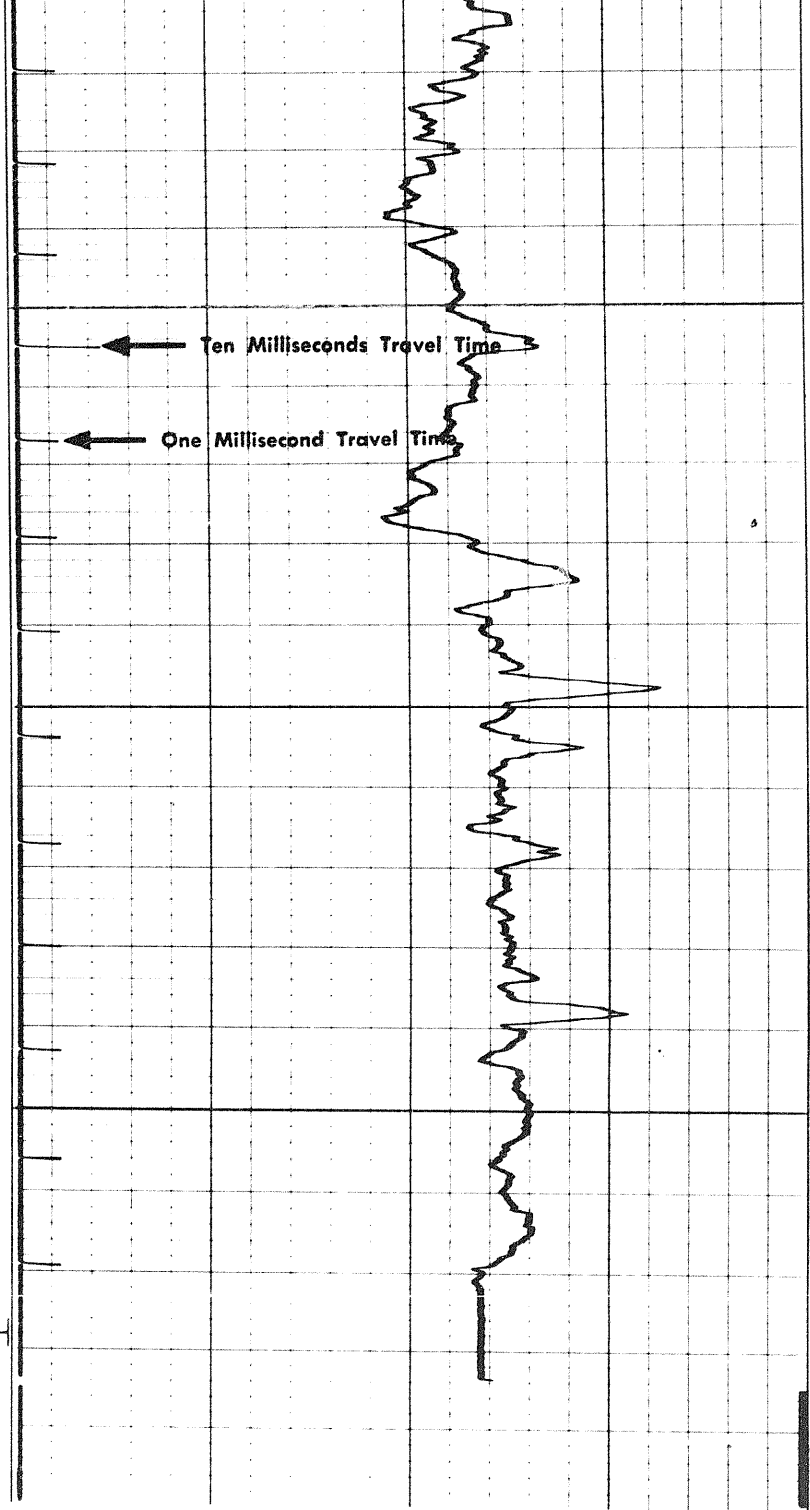
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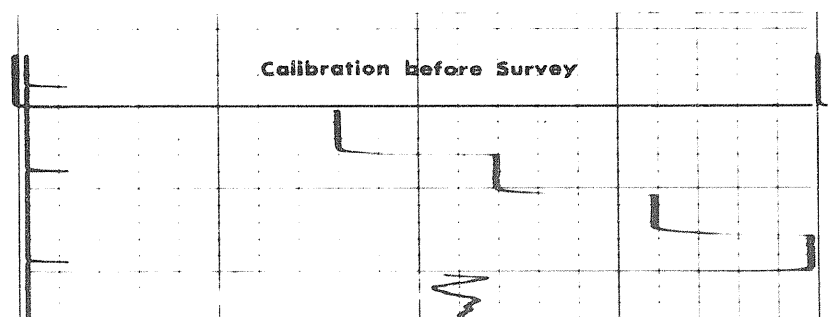
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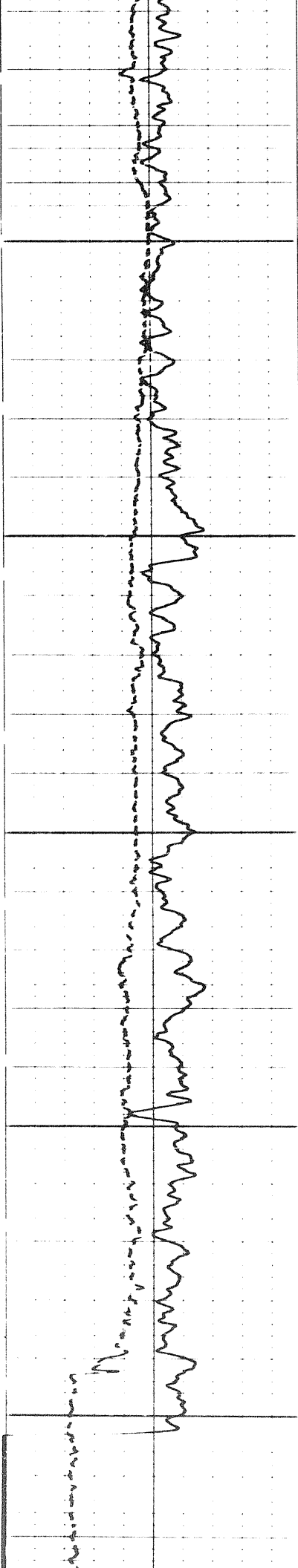
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REPEAT SECTION



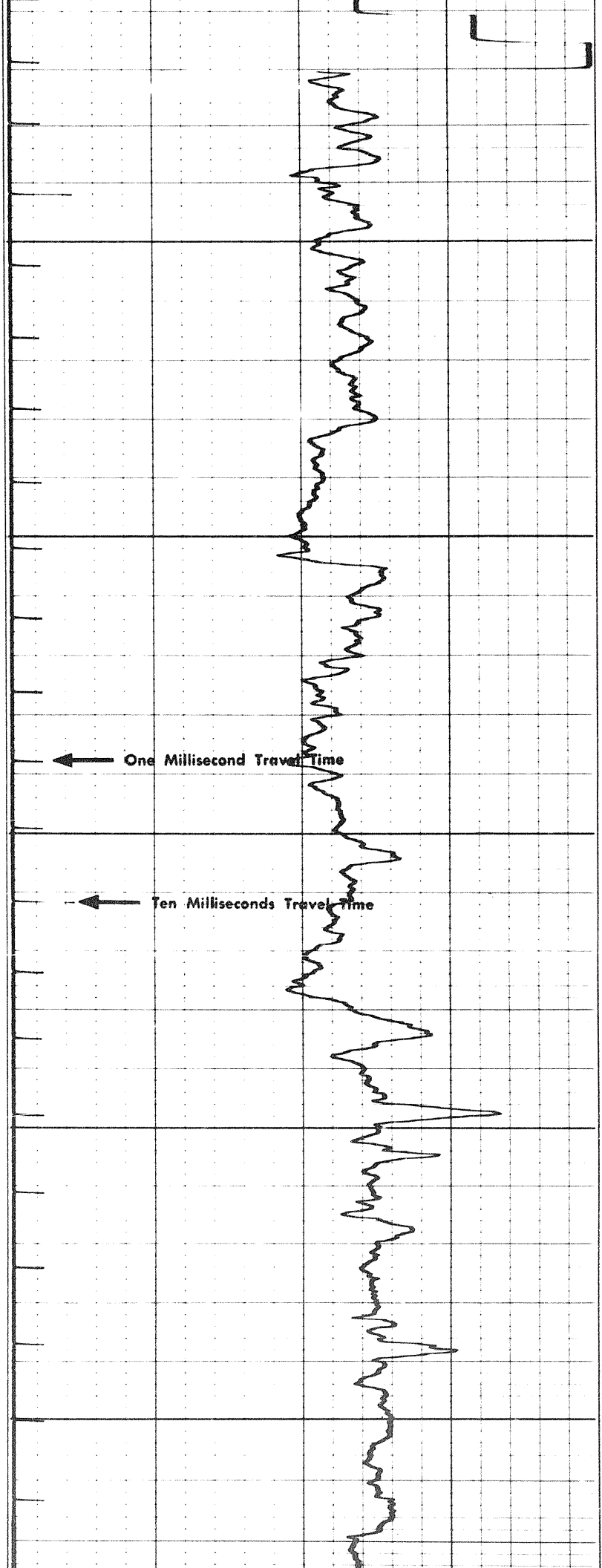
Calibration before Survey



5700

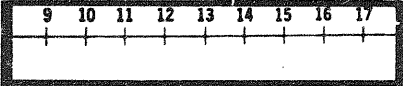
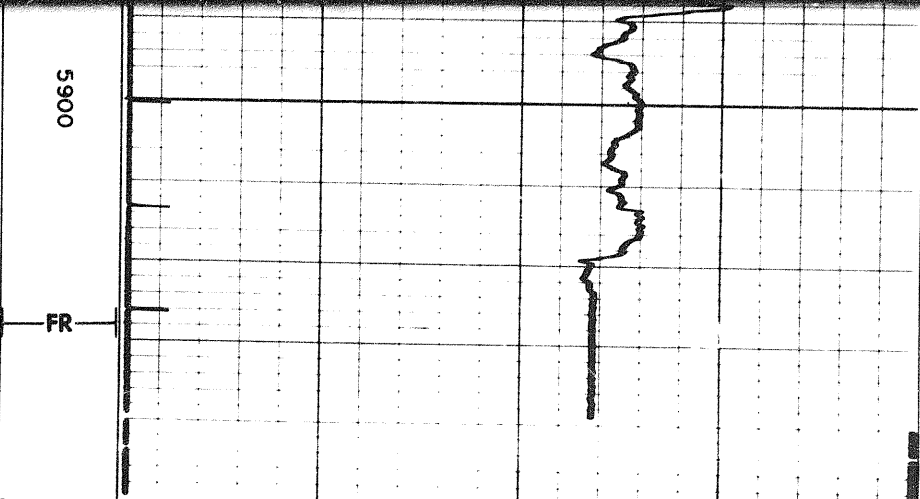
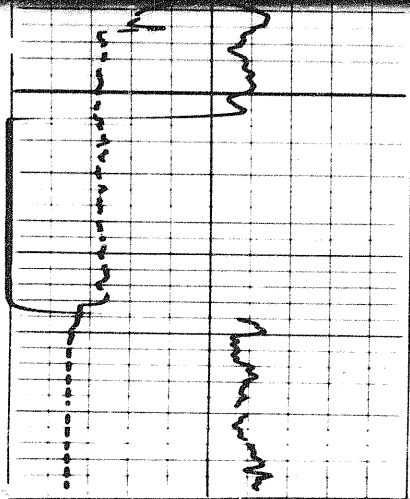
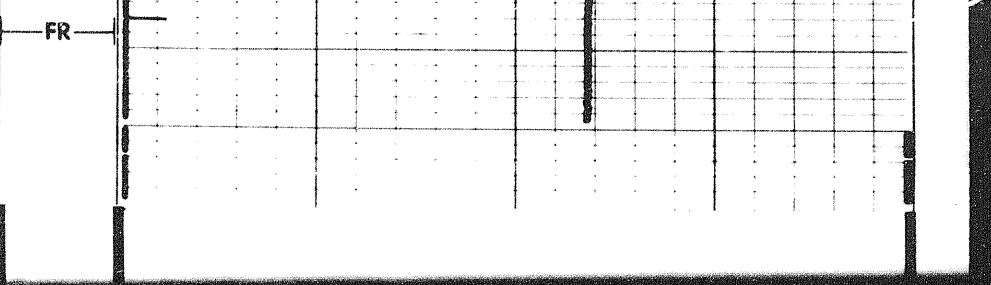
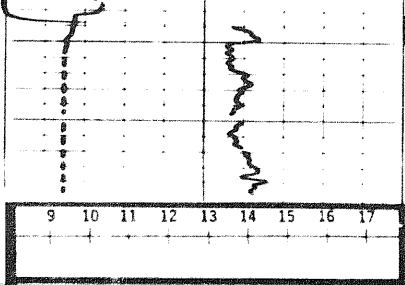
5800

5900



← One Millisecond Travel Time

← Ten Milliseconds Travel Time



CALIPER
hole diameter in inches

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

240	190	140
140	90	40

GAMMA RAY
API UNITS

DEPTHS

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

DETAIL LOG
5" = 100' RUN 3

GAMMA RAY
API UNITS

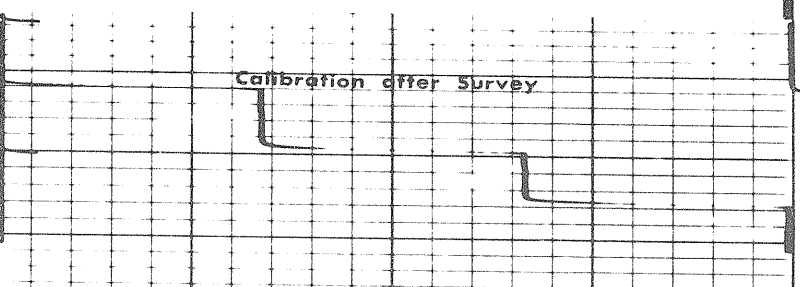
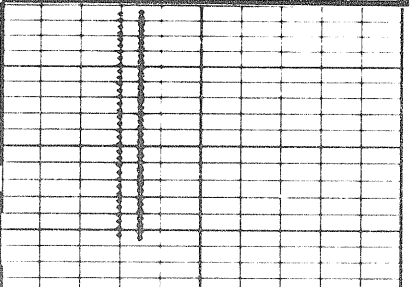
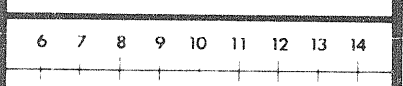
DEPTHS

SONIC
INTERVAL TRANSIT TIME
microseconds per foot

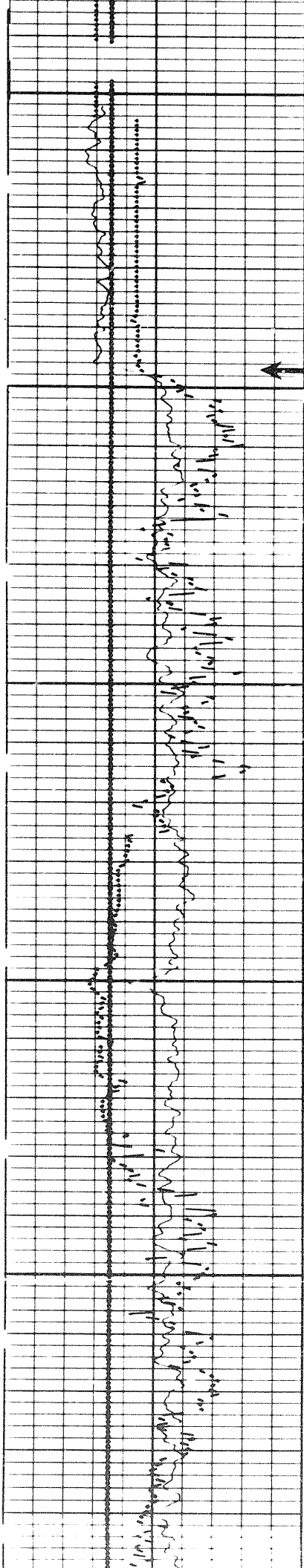
Speed in FPM	Sens. 150	T.C. 2	
	Zero 0	div. to left	
	0	150	
	150	300	

100	70	40
160	130	100

CALIPER
hole diameter in inches



2007

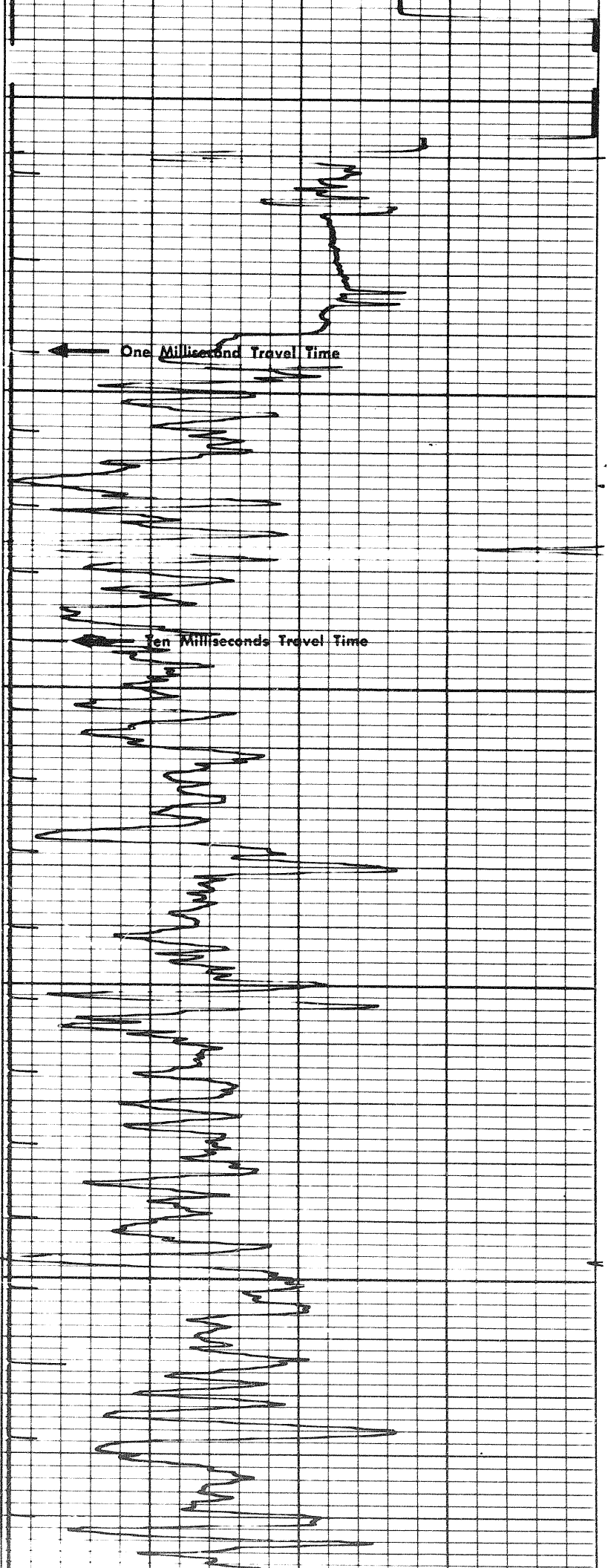


Casing

5900

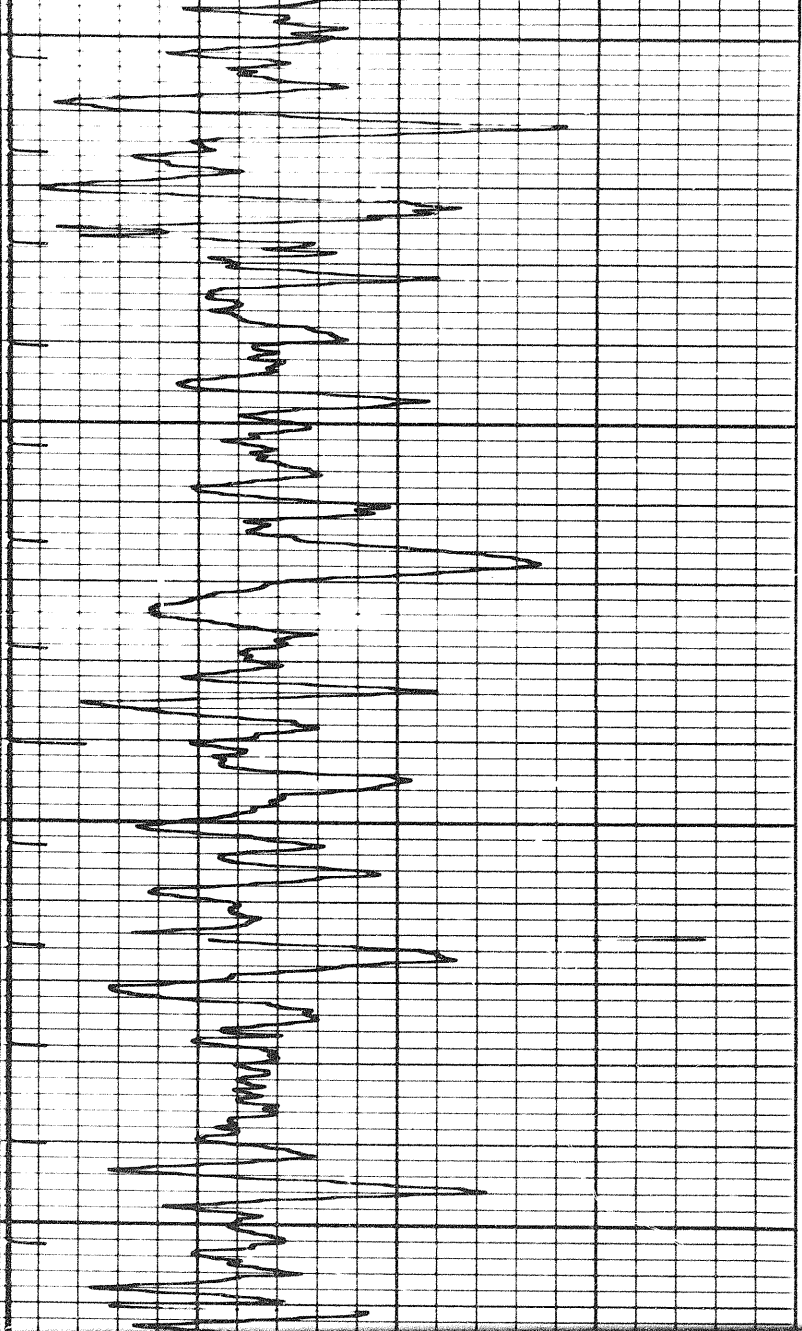
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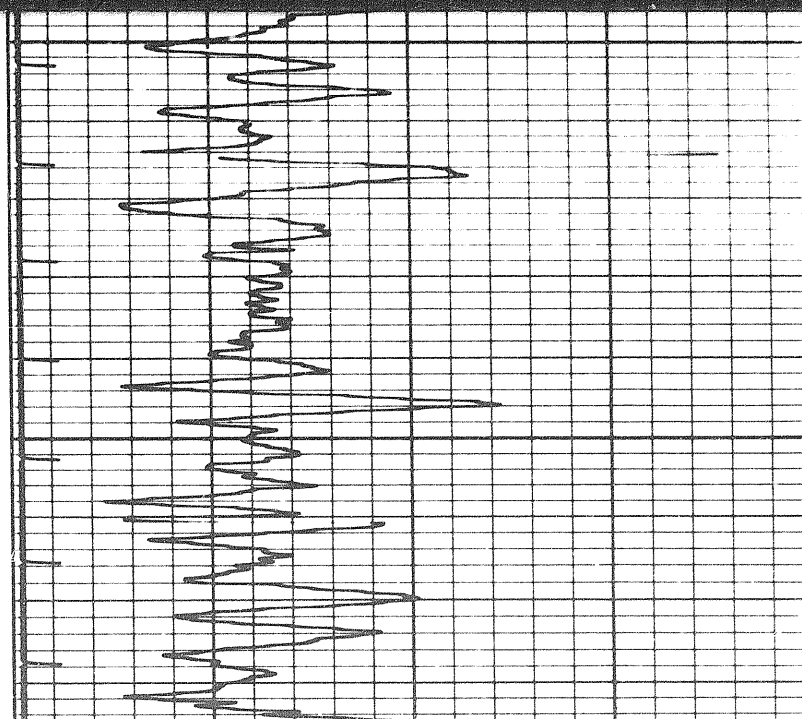


One Millisecond Travel Time

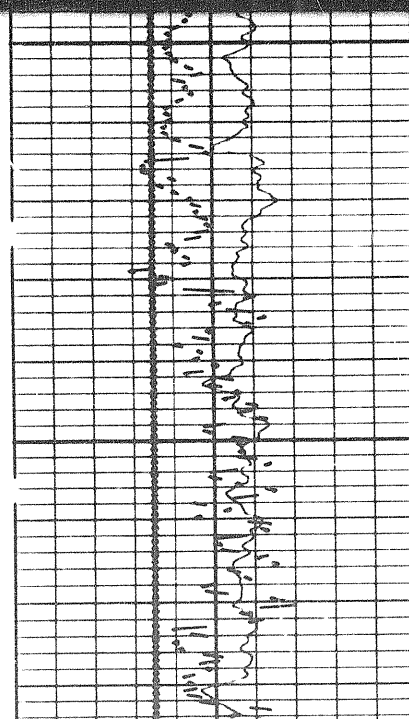
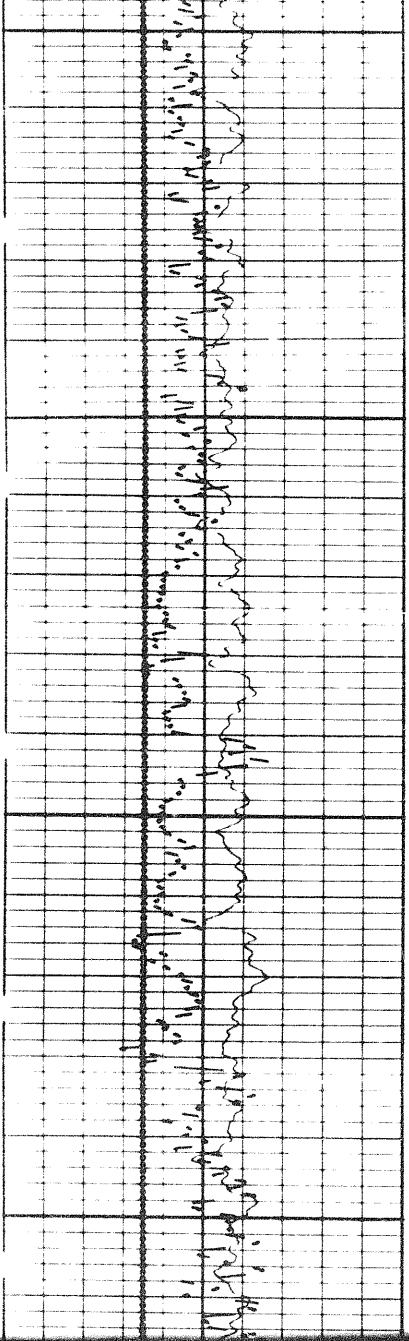
Ten Milliseconds Travel Time



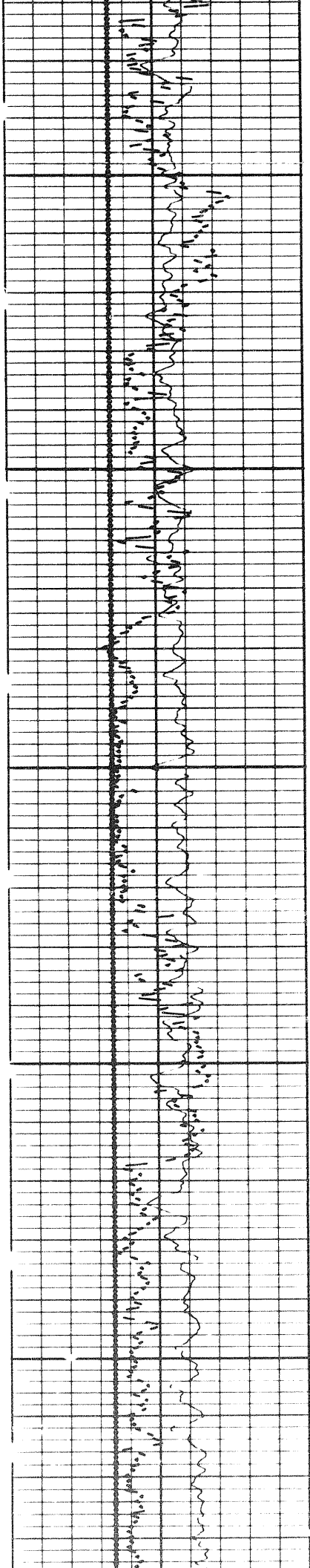
6300



6300

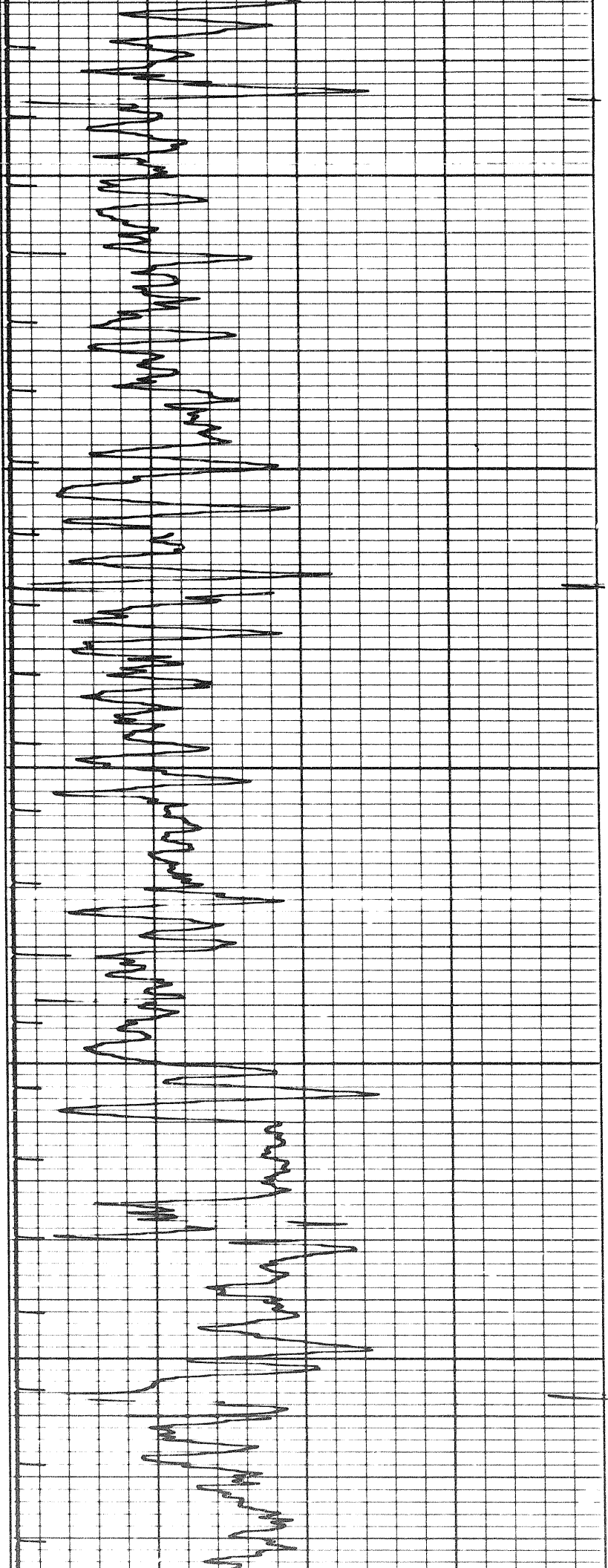


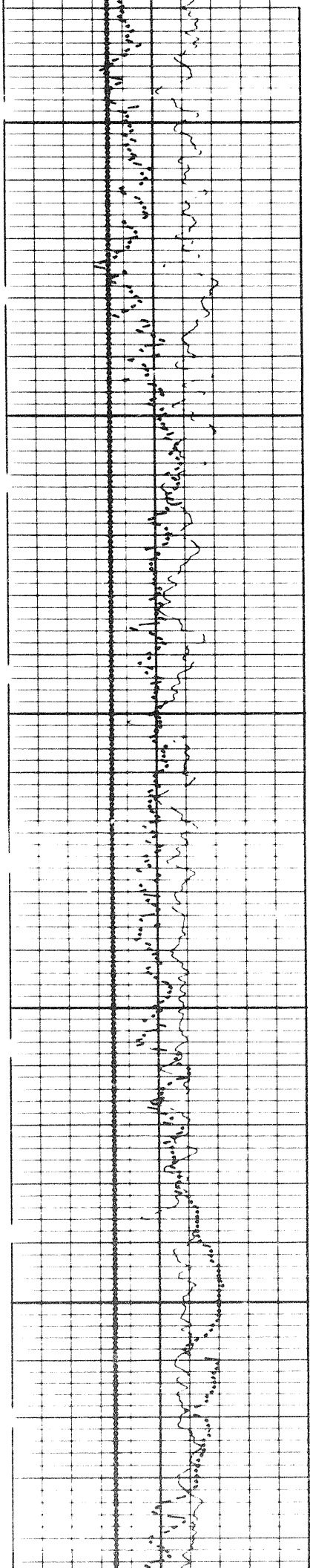
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5400

5400

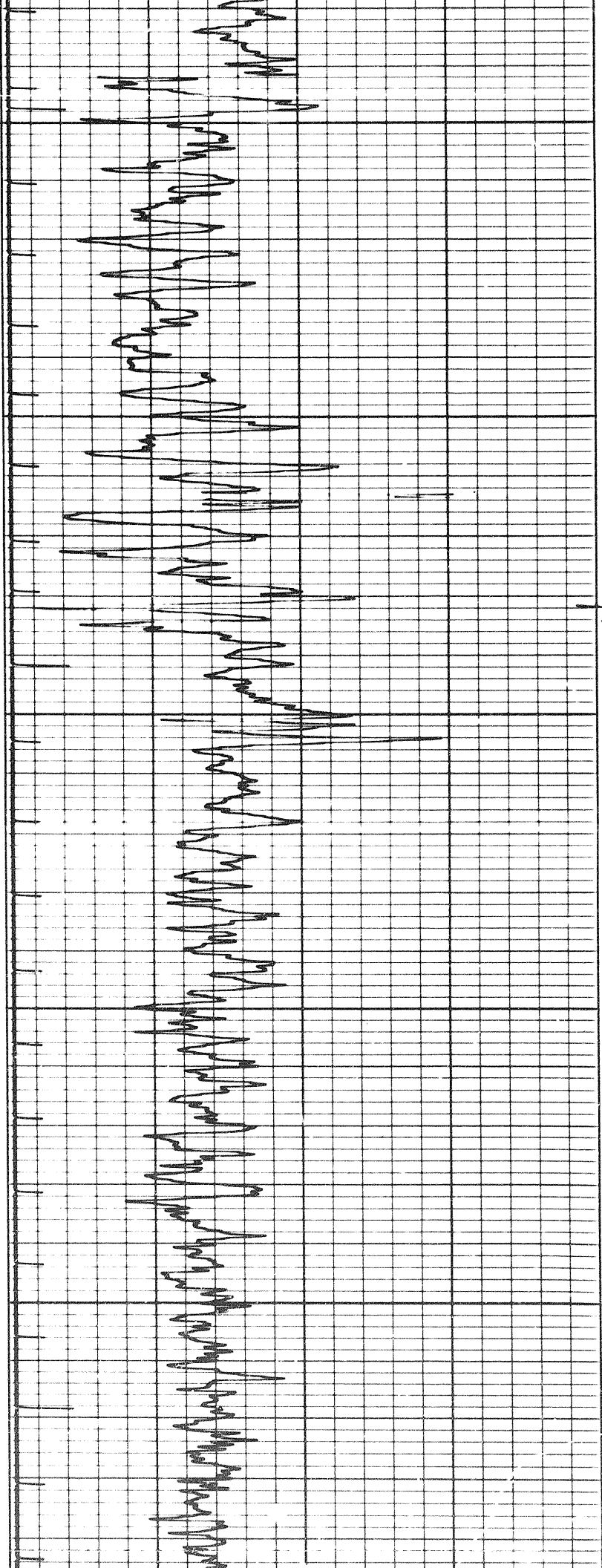


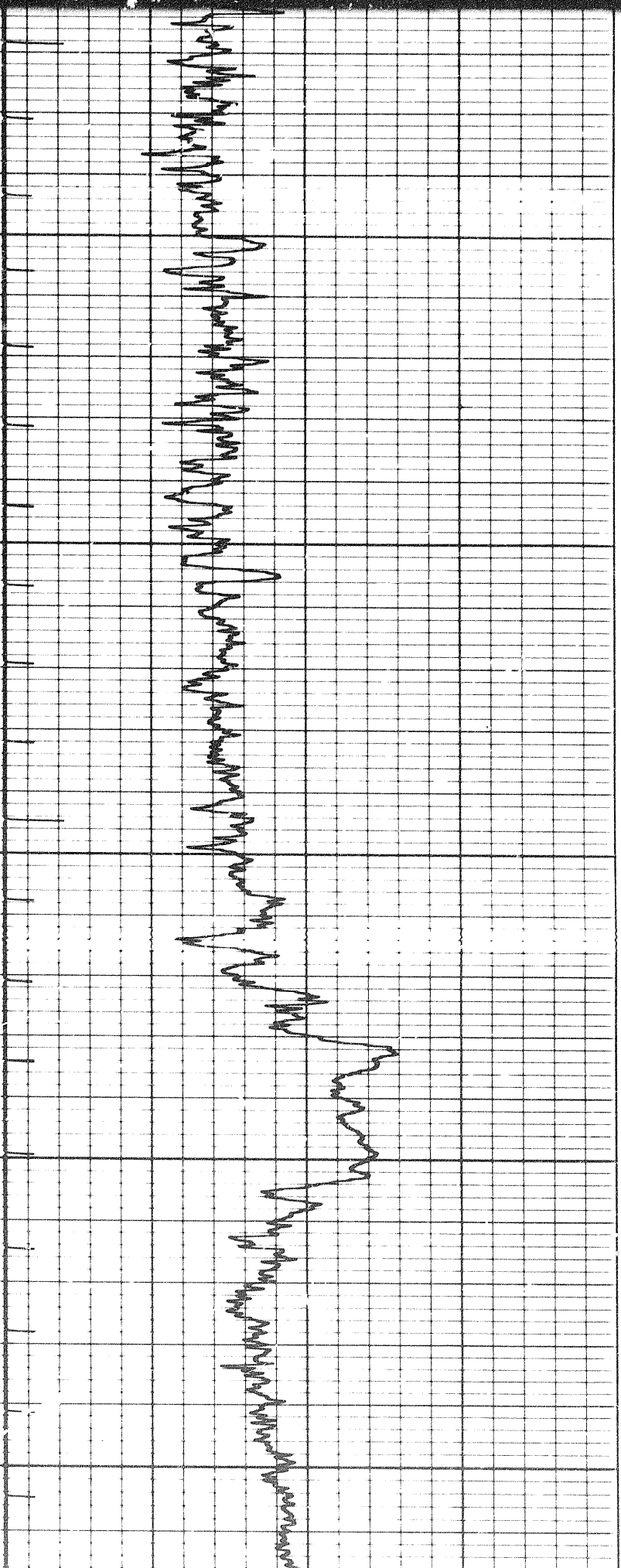


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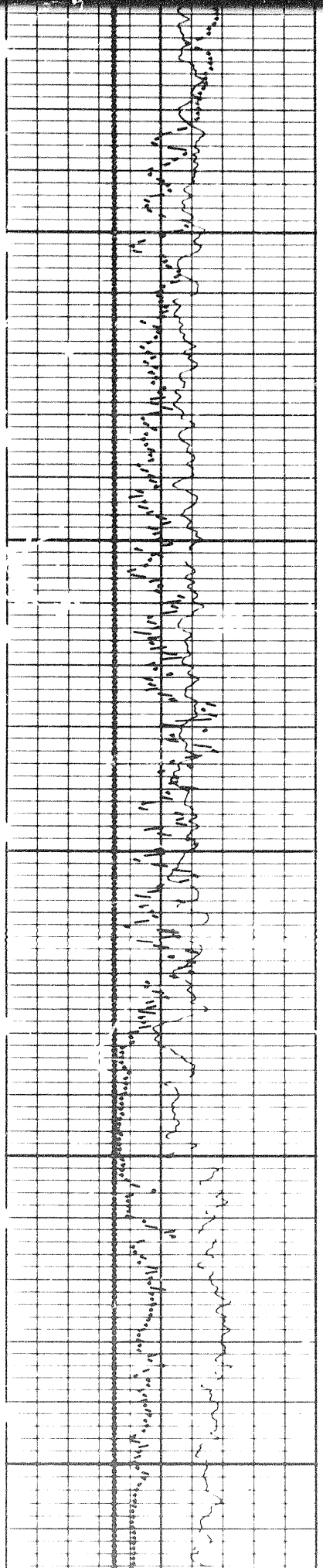
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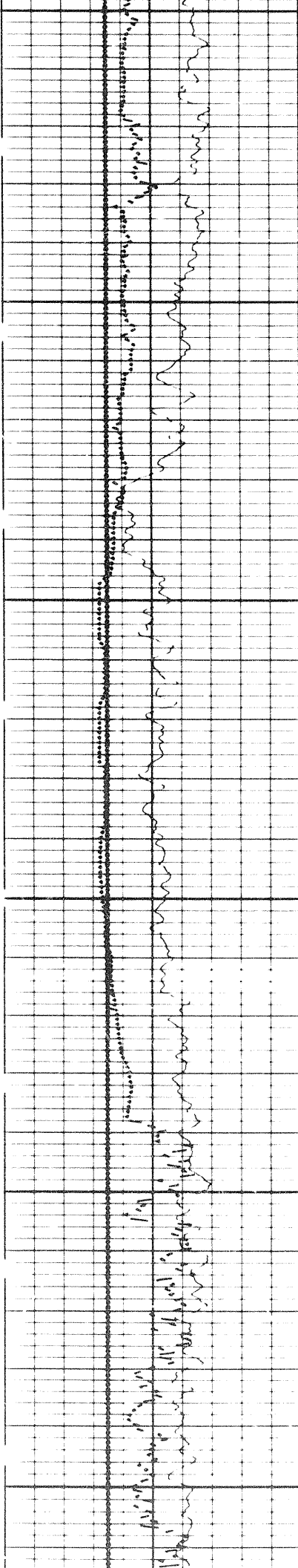


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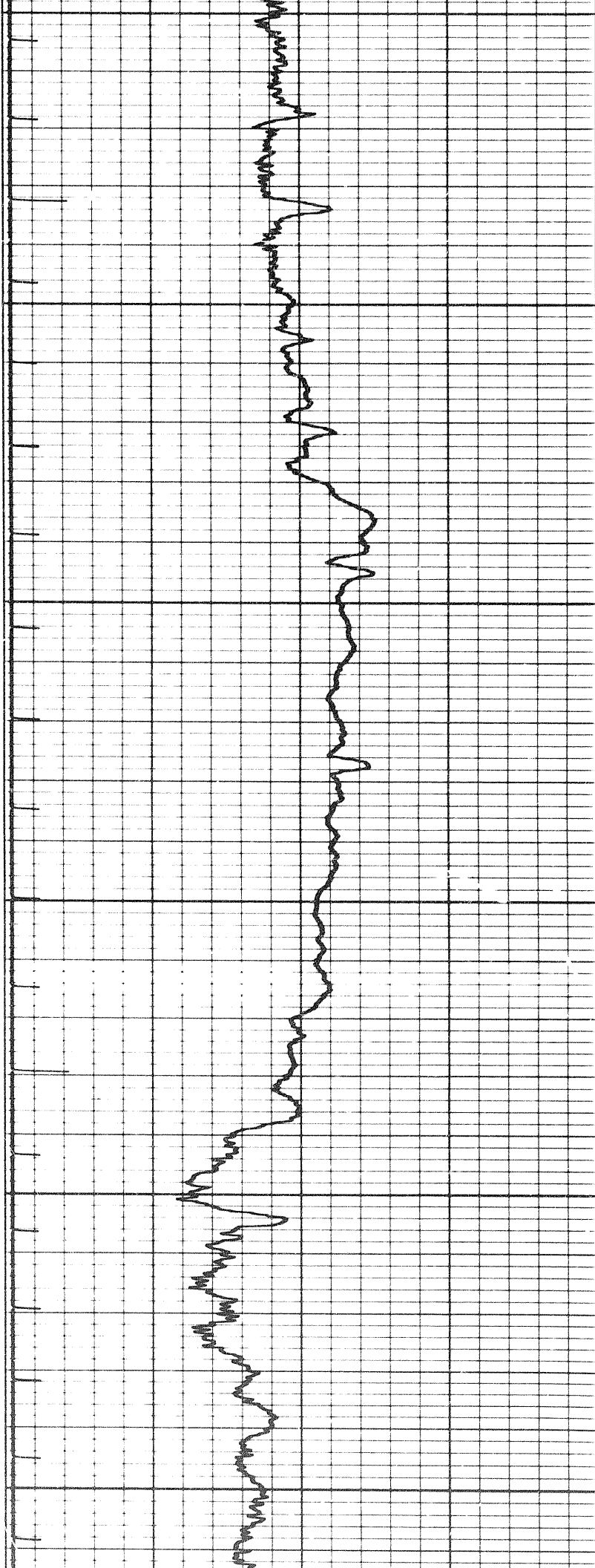
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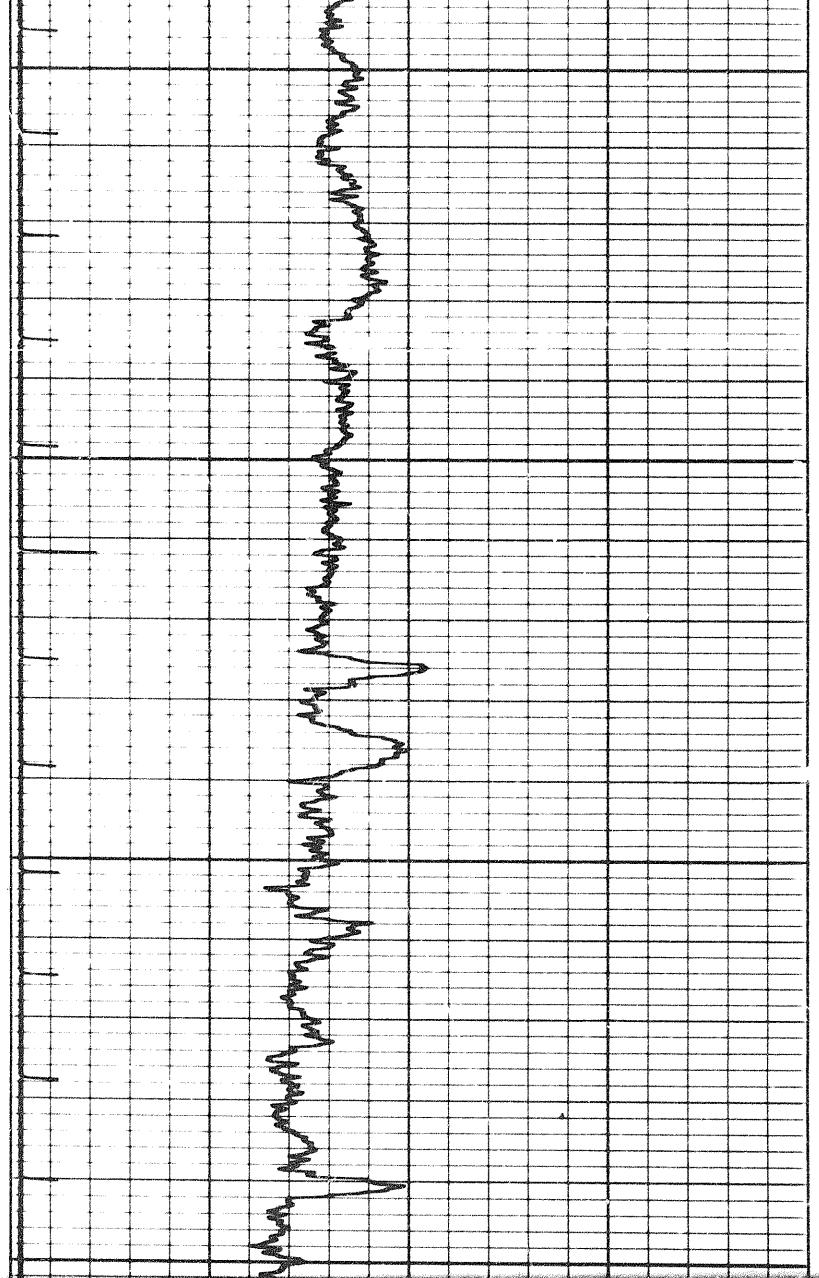


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7 2000

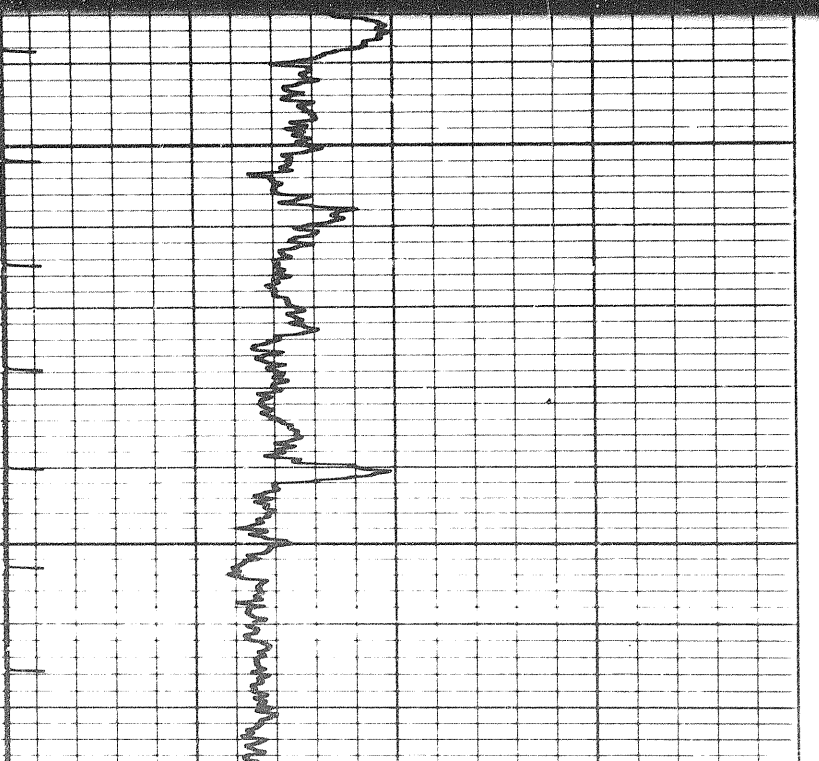
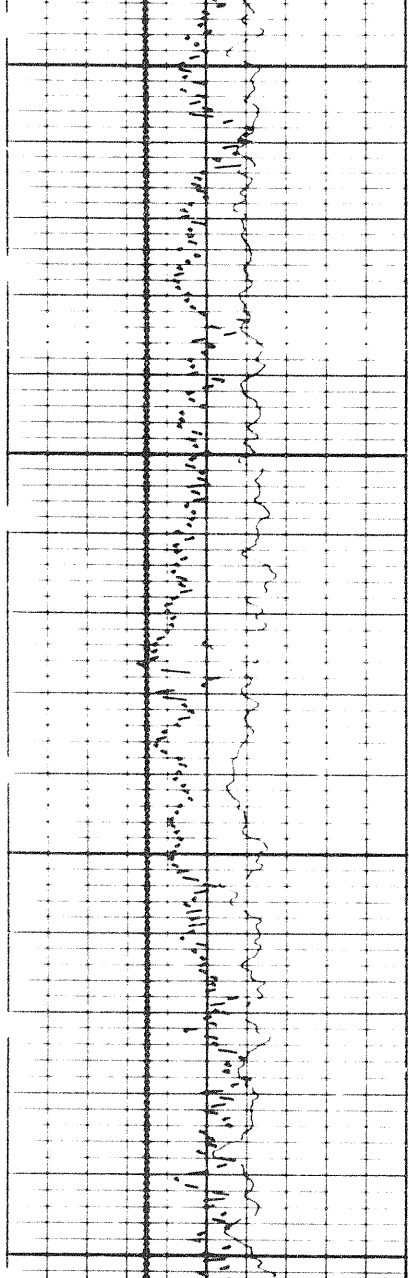
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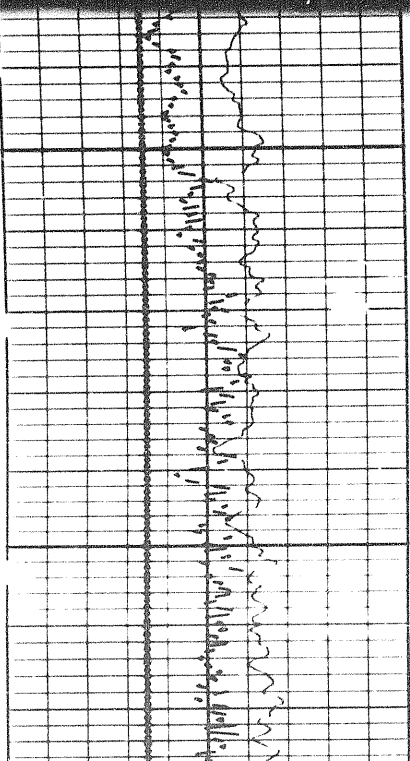


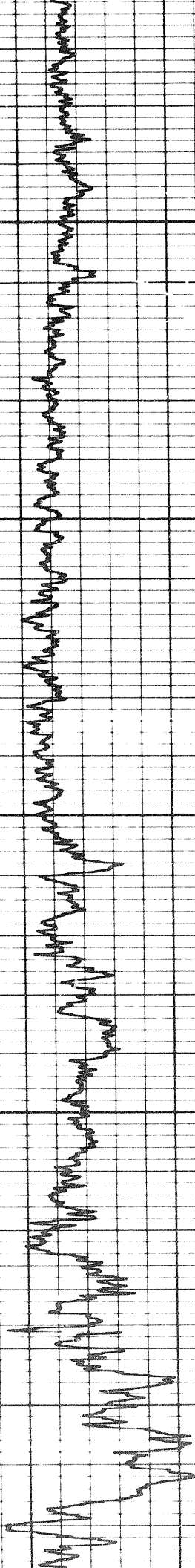
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7400



7400

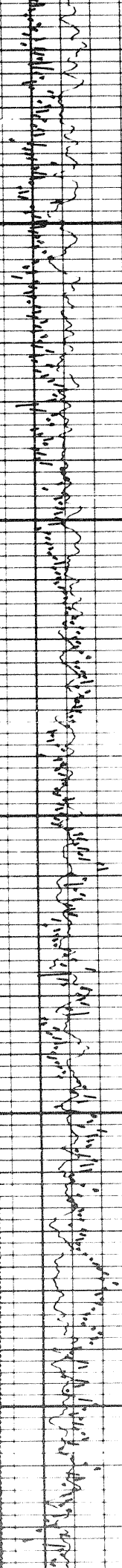




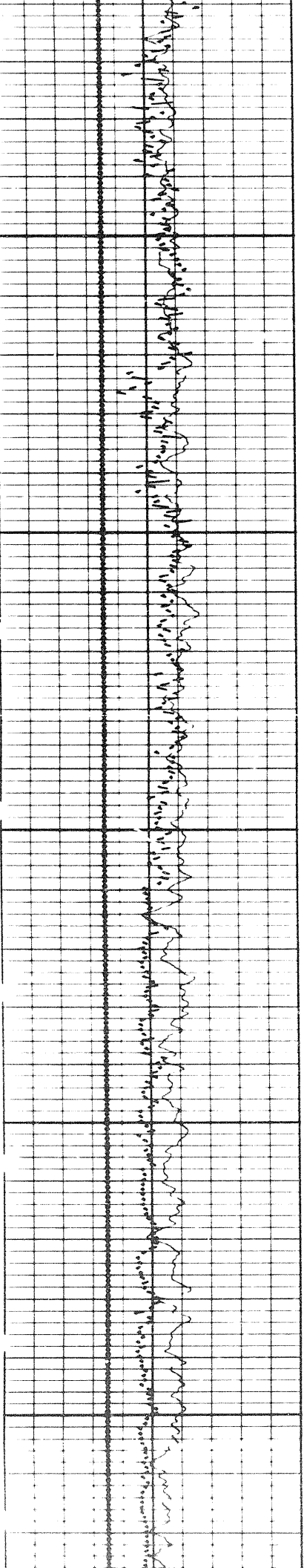
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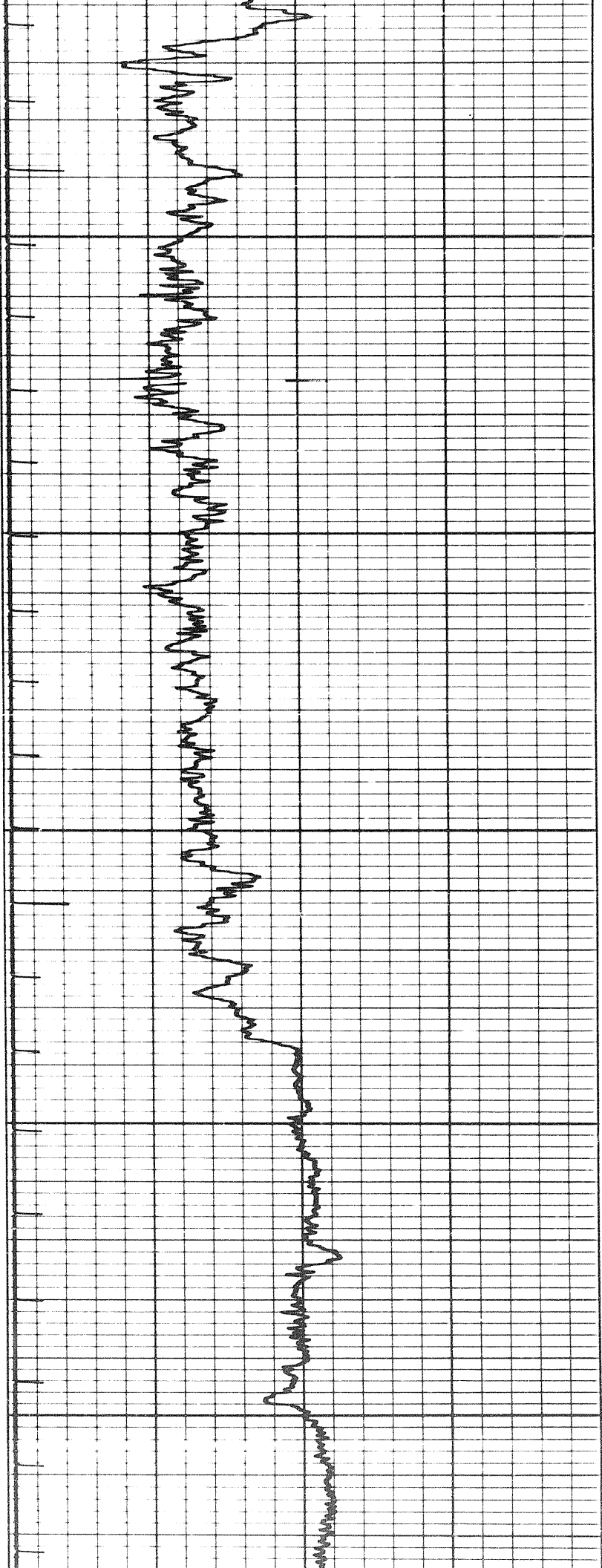


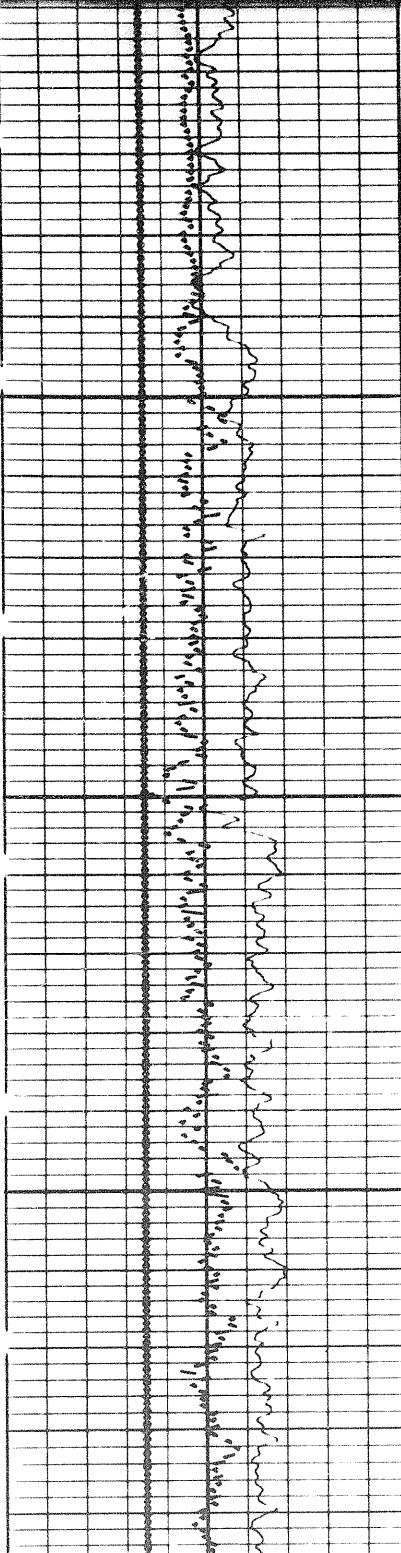
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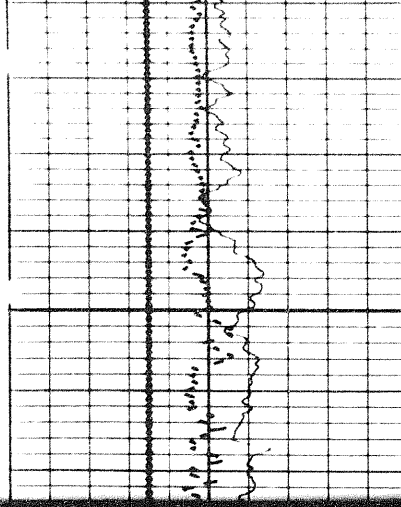
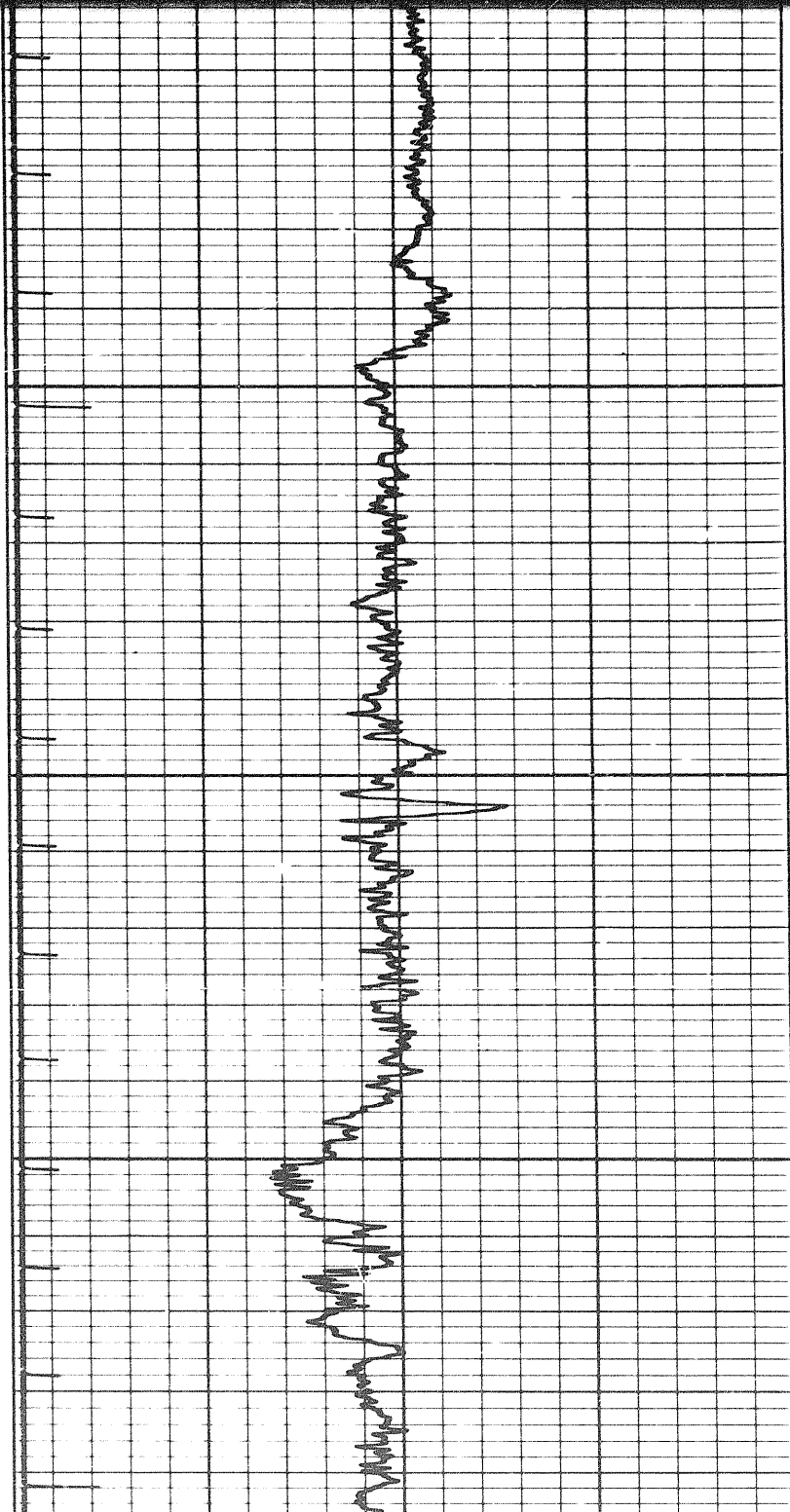




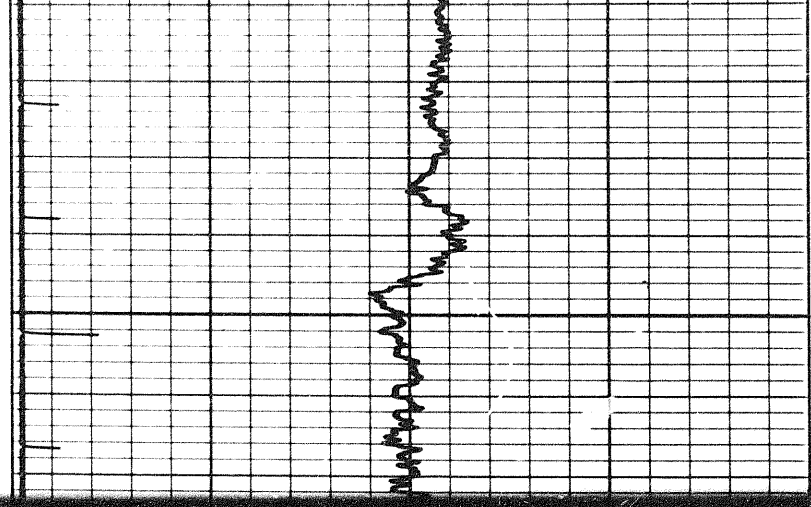
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0008

0008

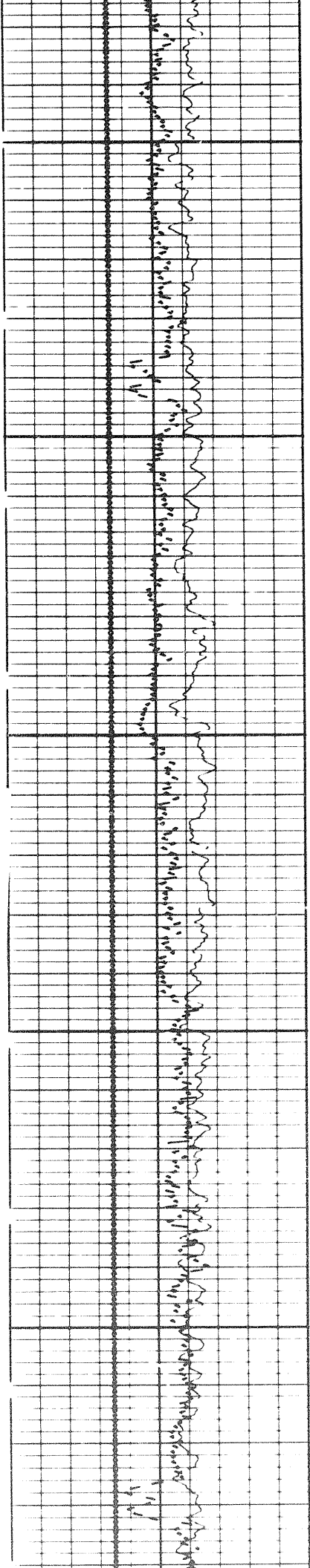


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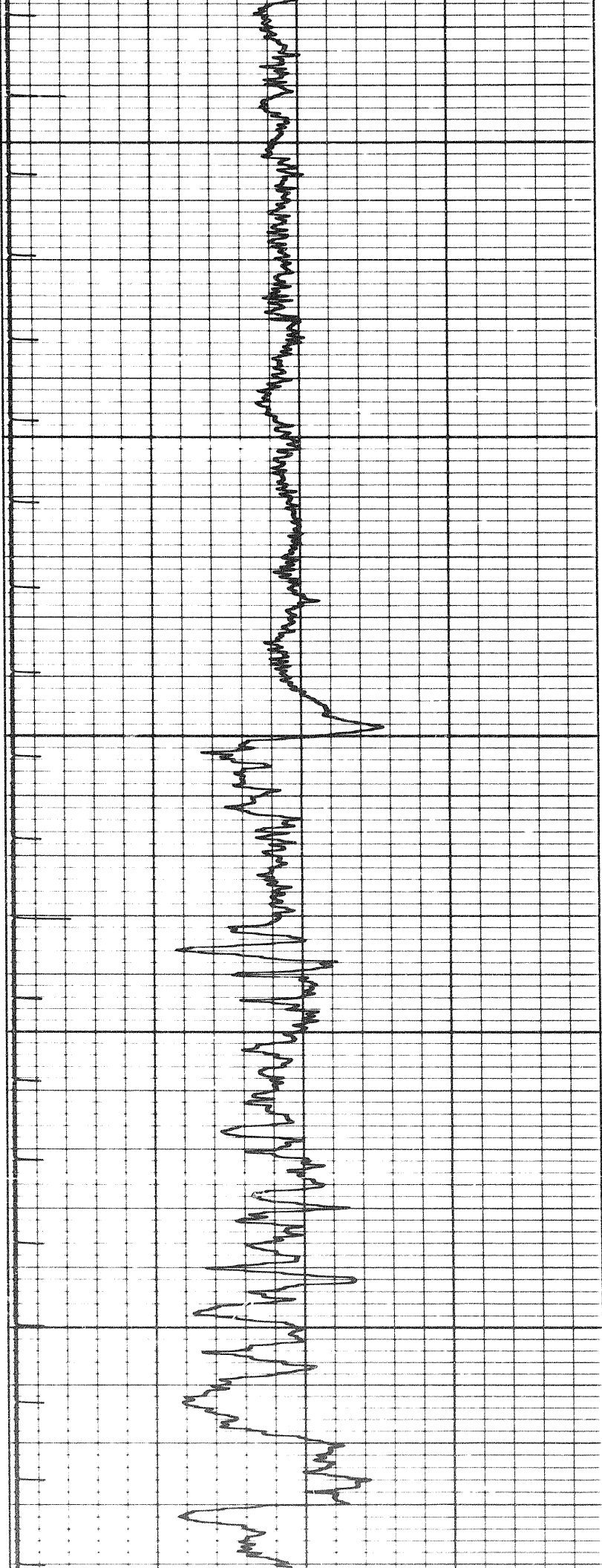
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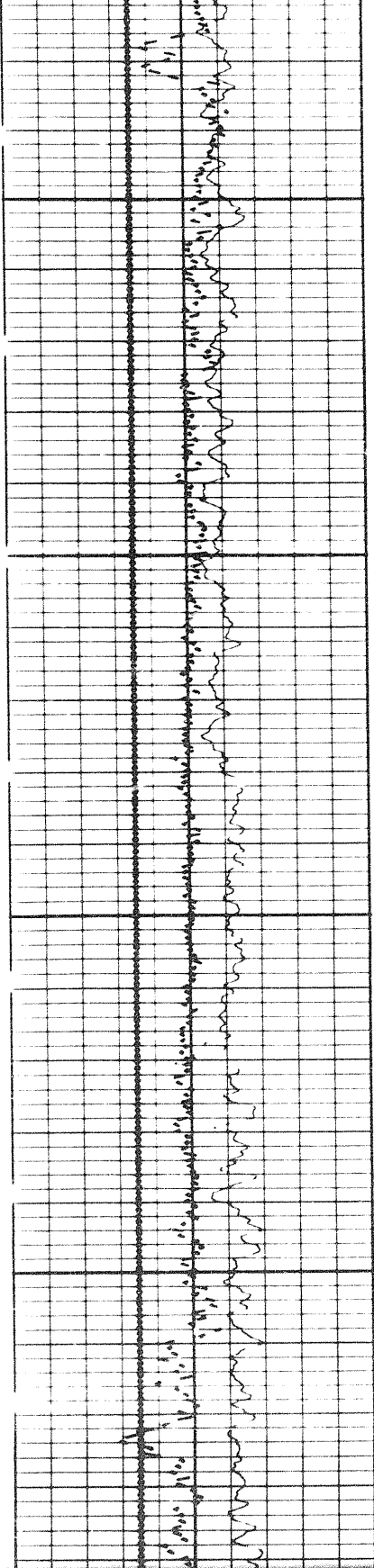
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8200

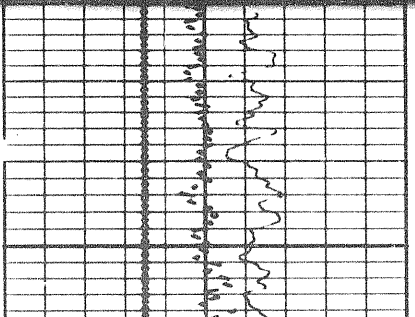
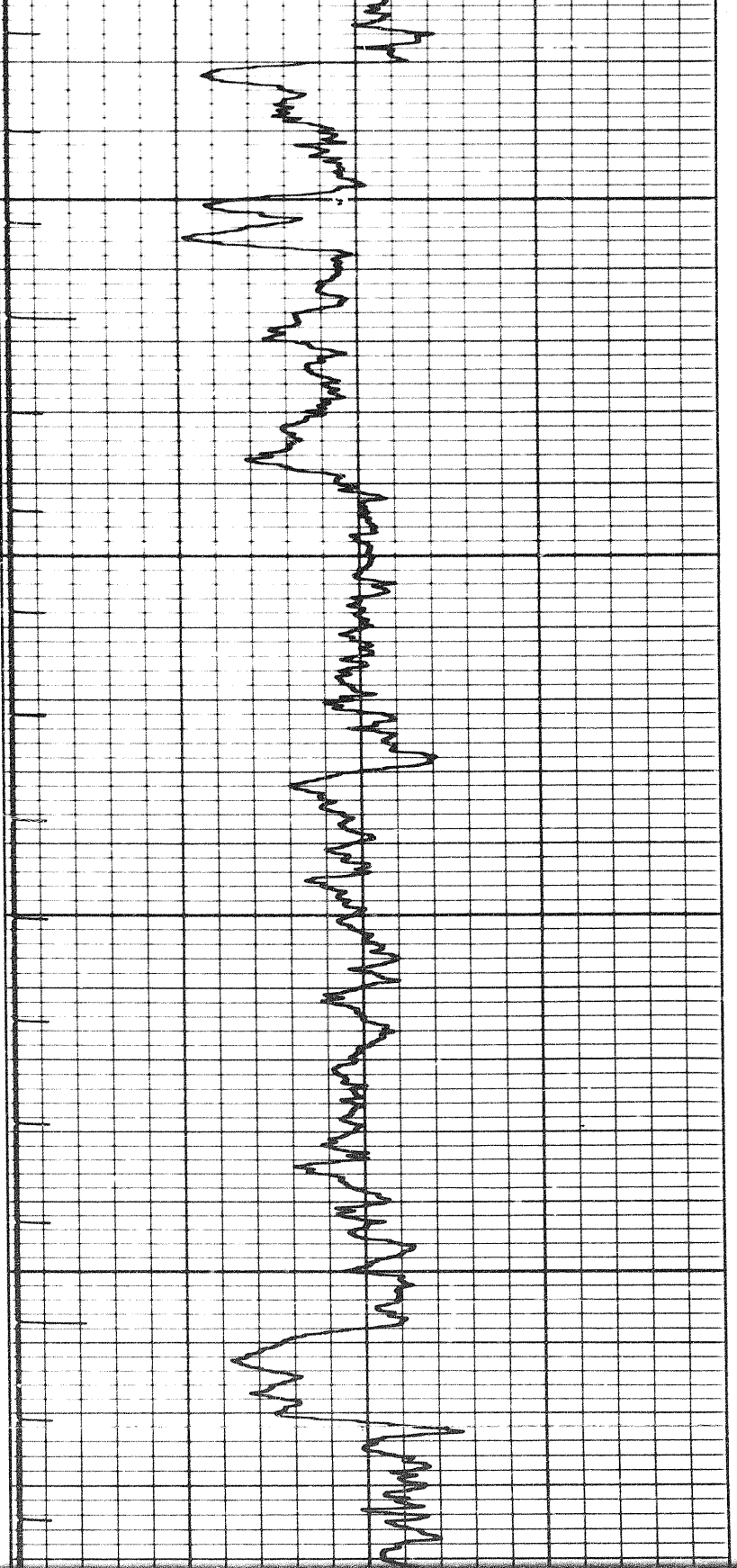
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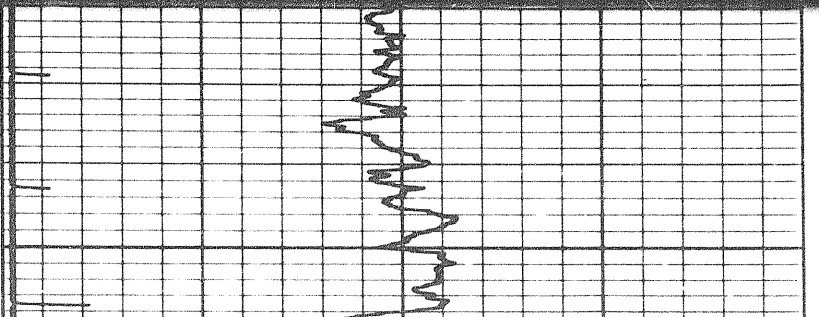
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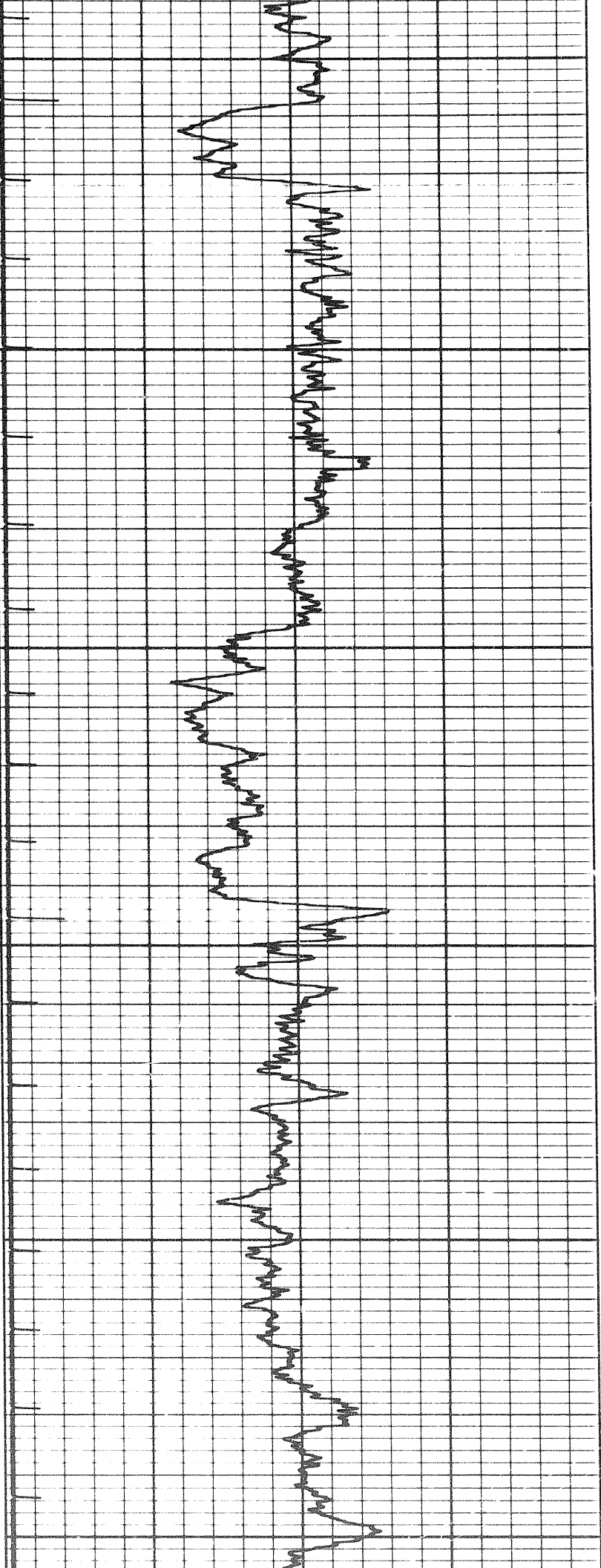
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8400

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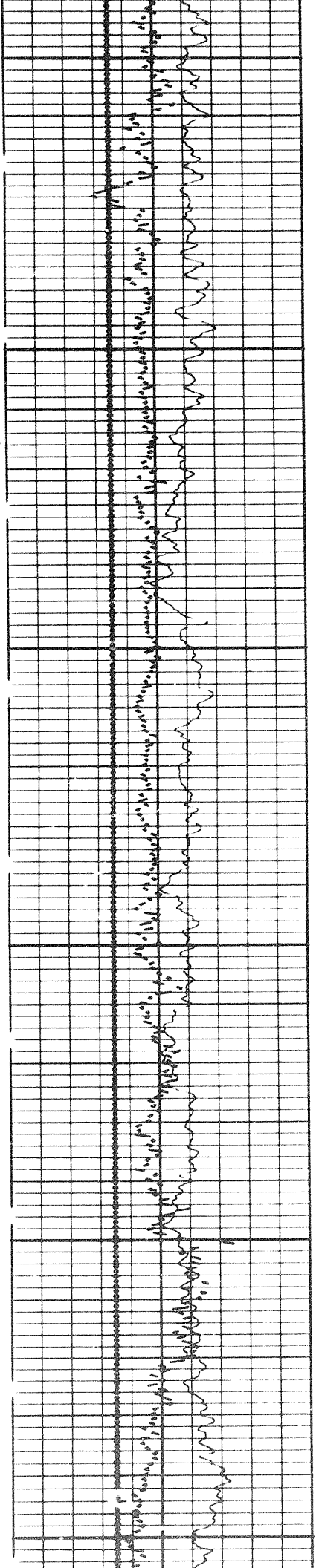




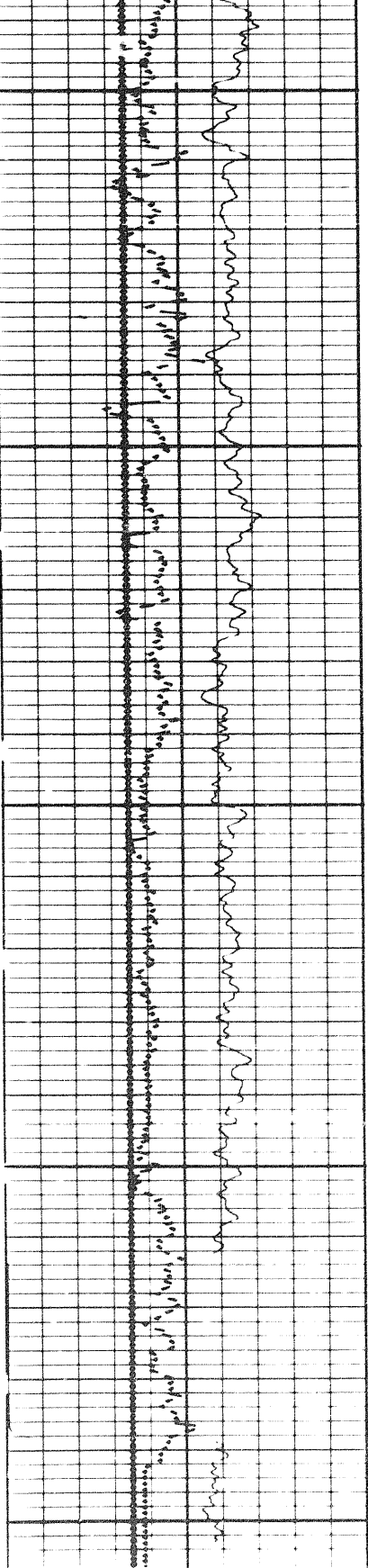
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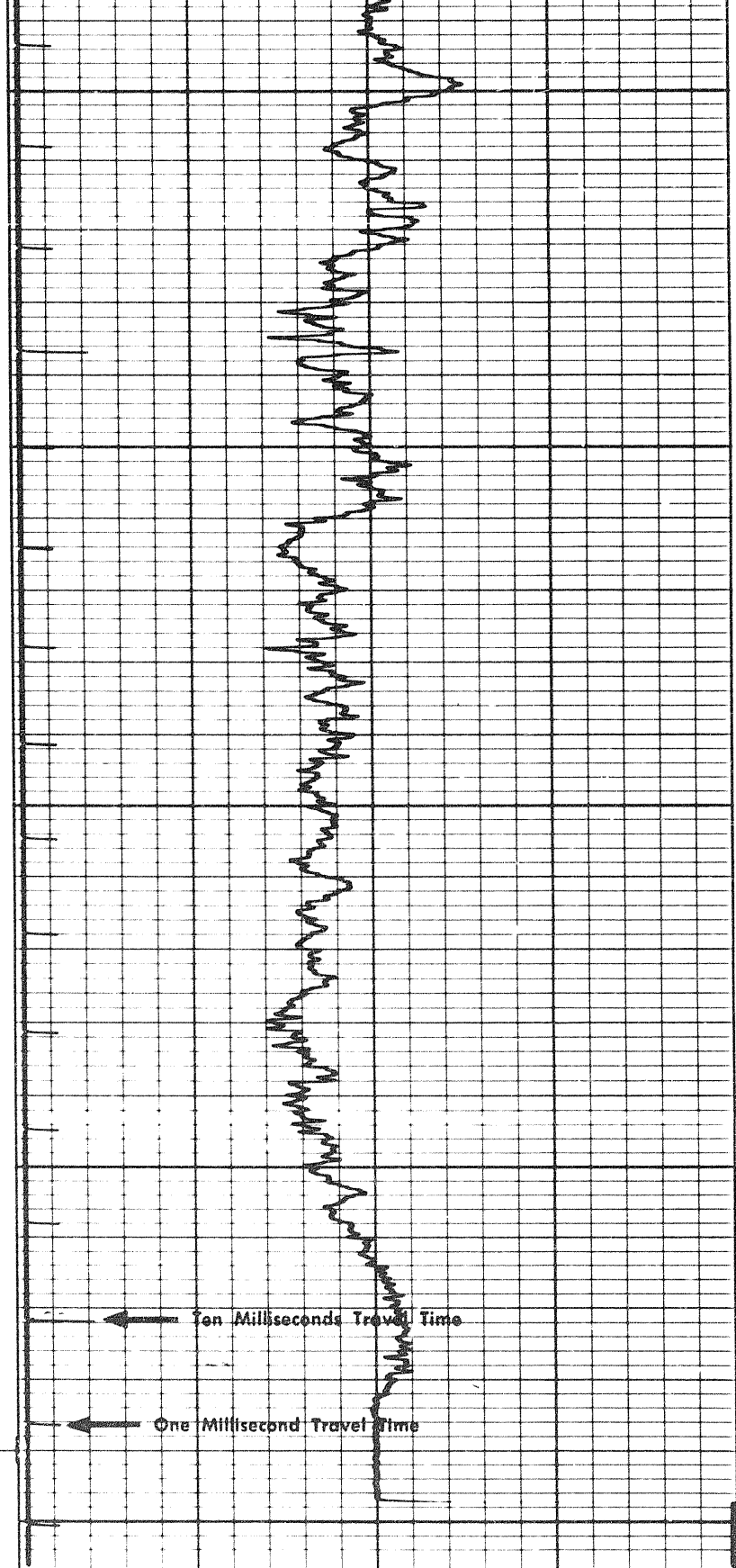


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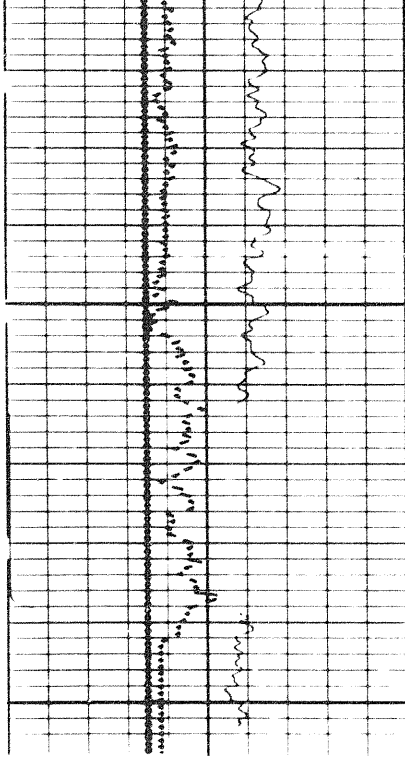
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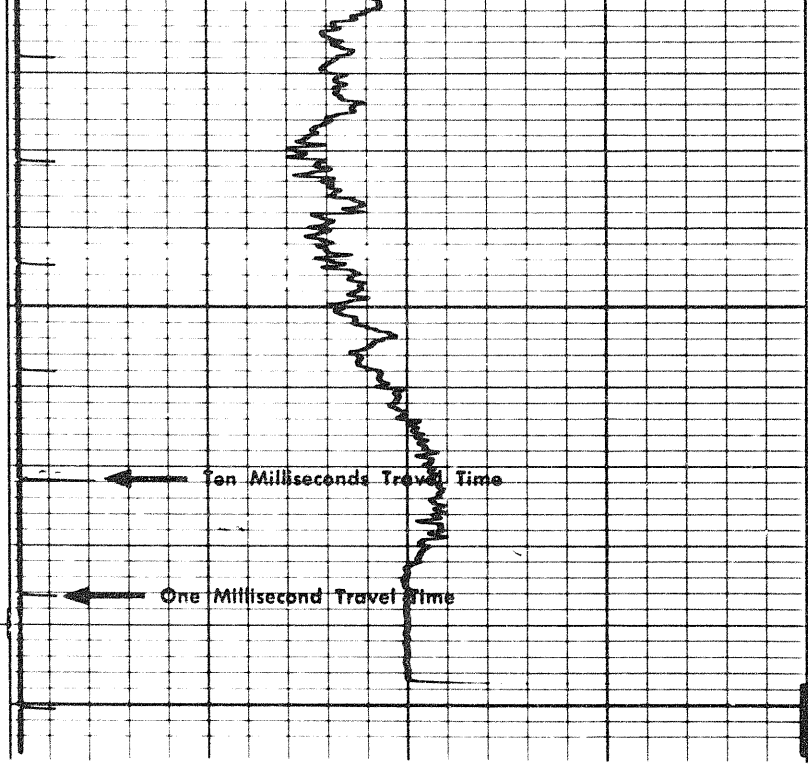


REPEAT SECTION

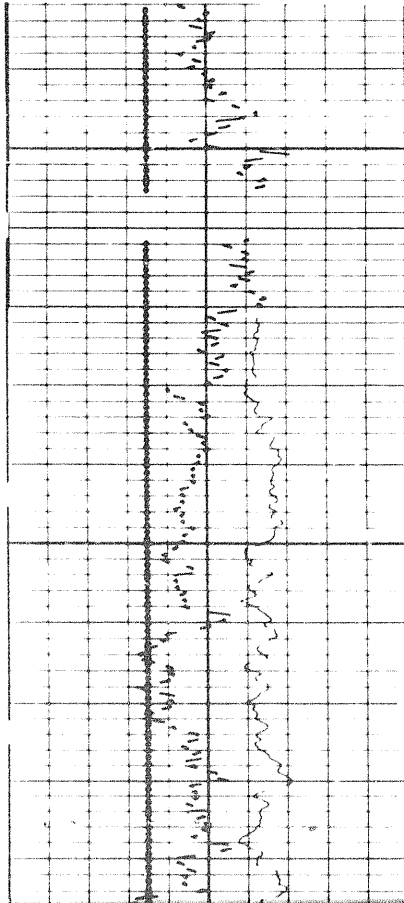


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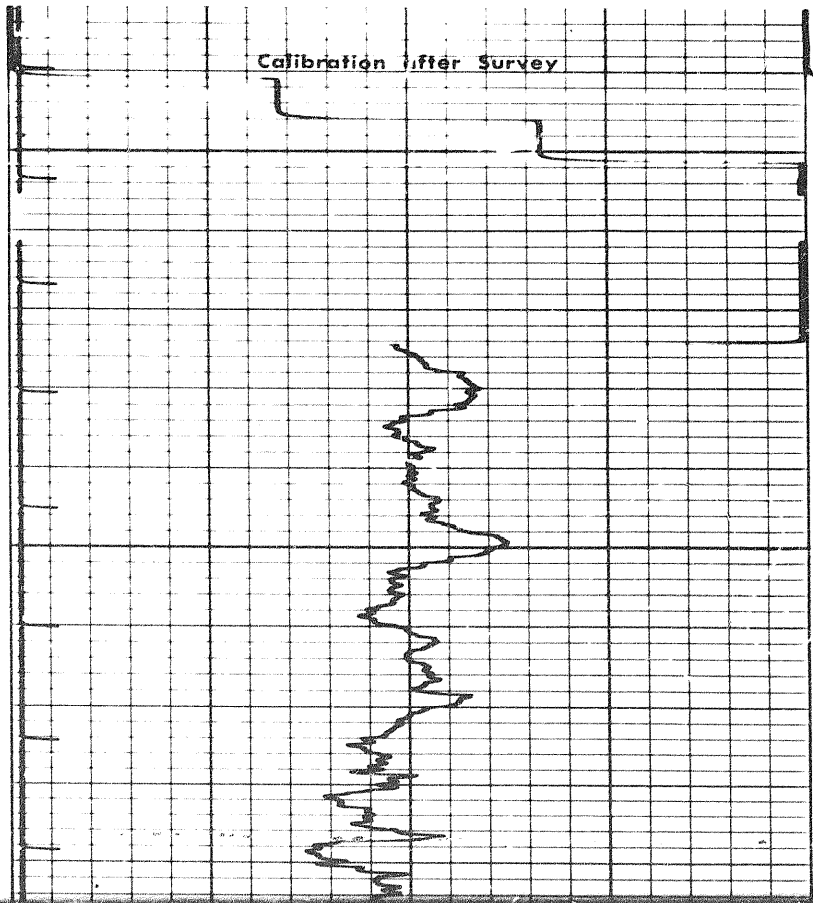
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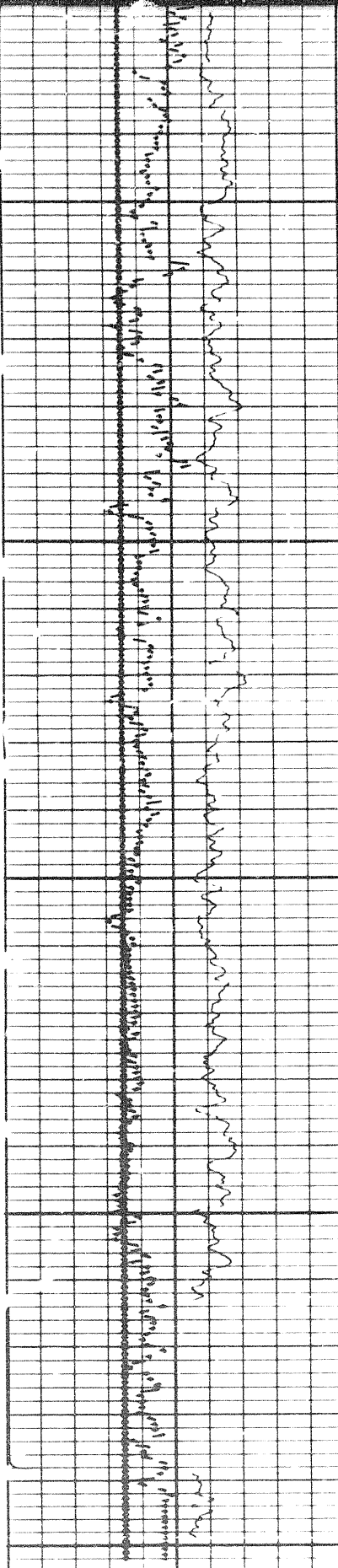


REPEAT SECTION



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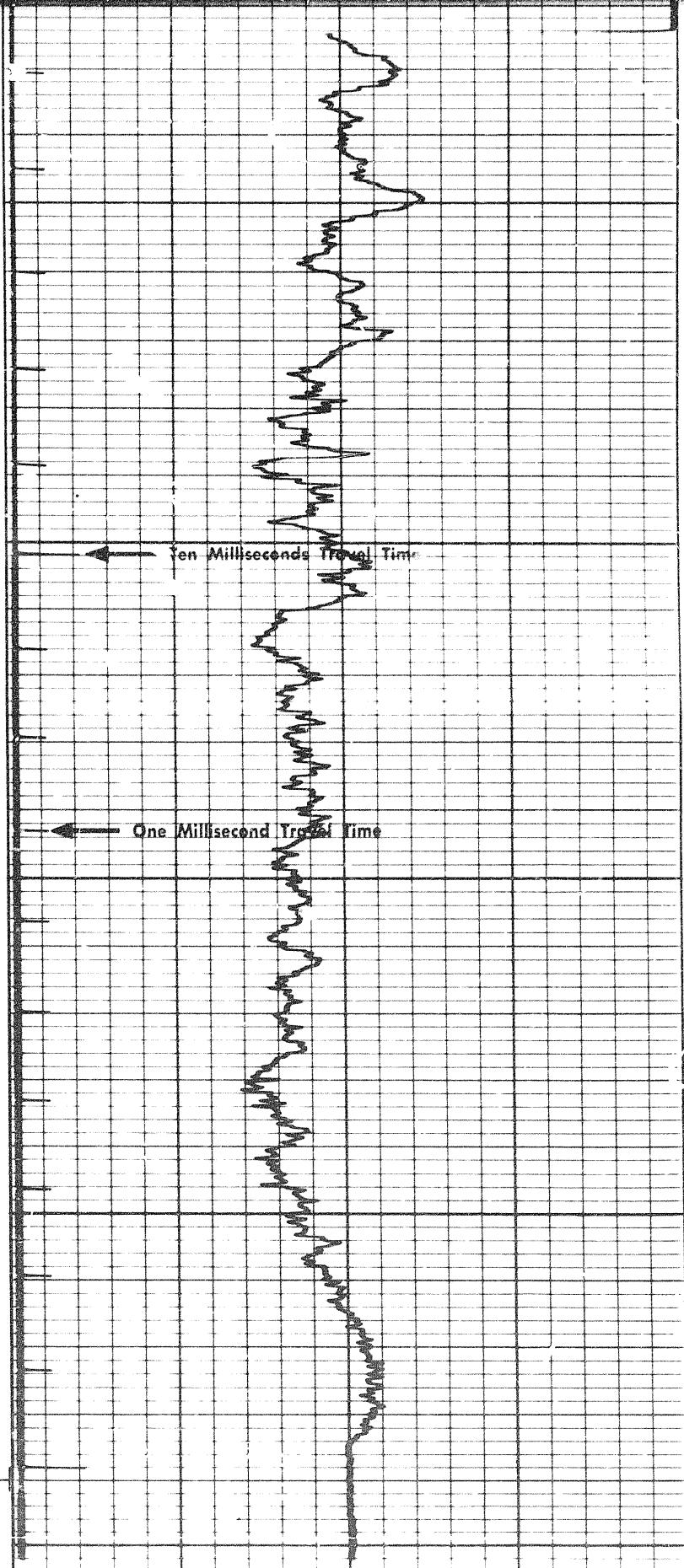


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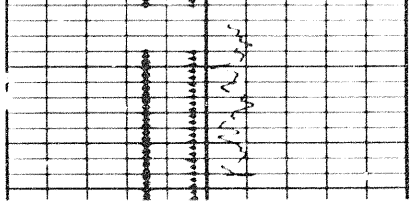


Ten Milliseconds Travel Time

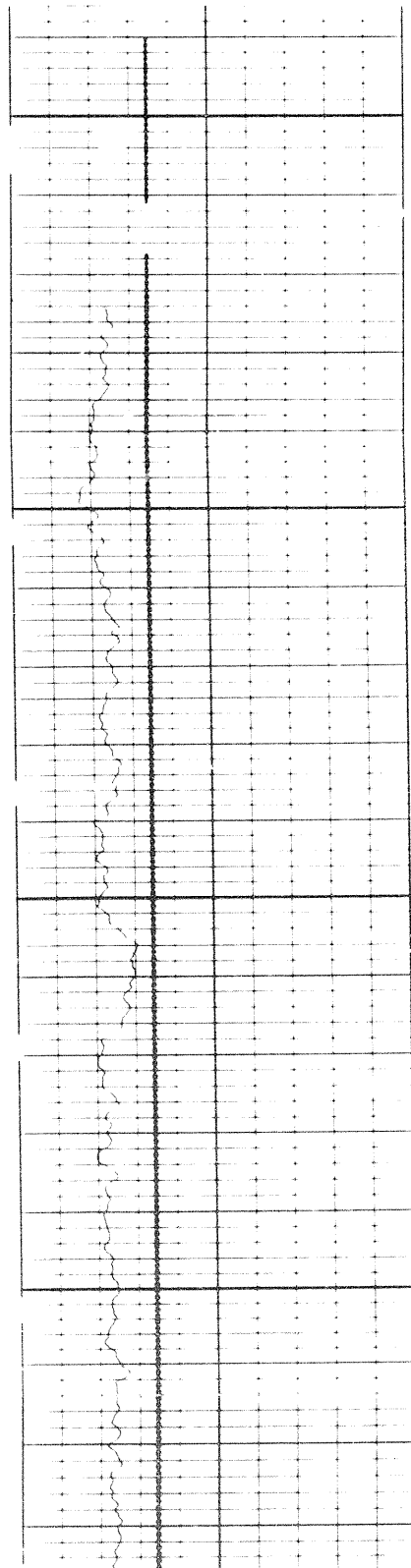
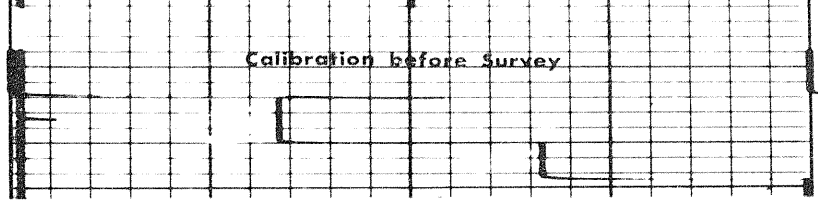
One Millisecond Travel Time

Calibration before survey

26 of

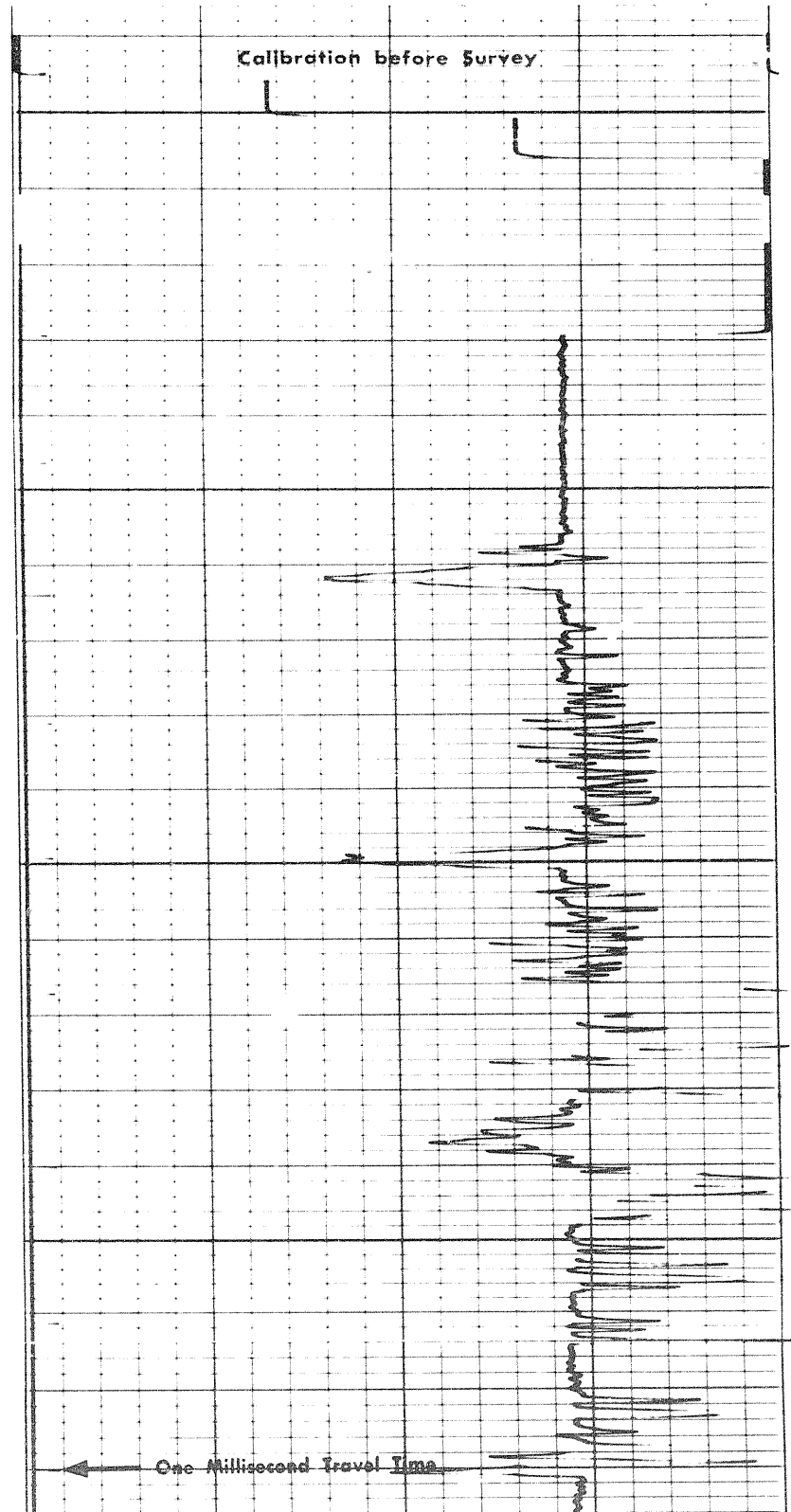


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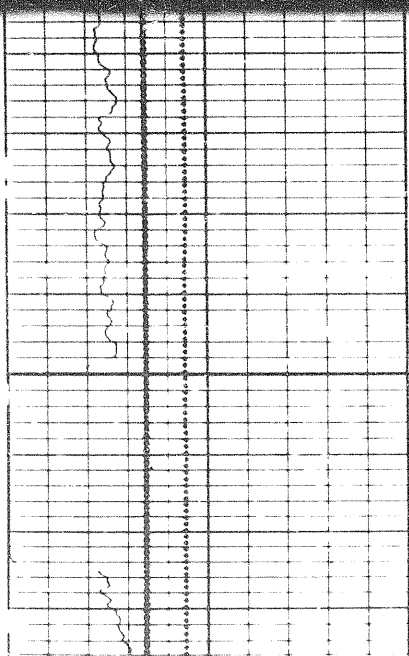
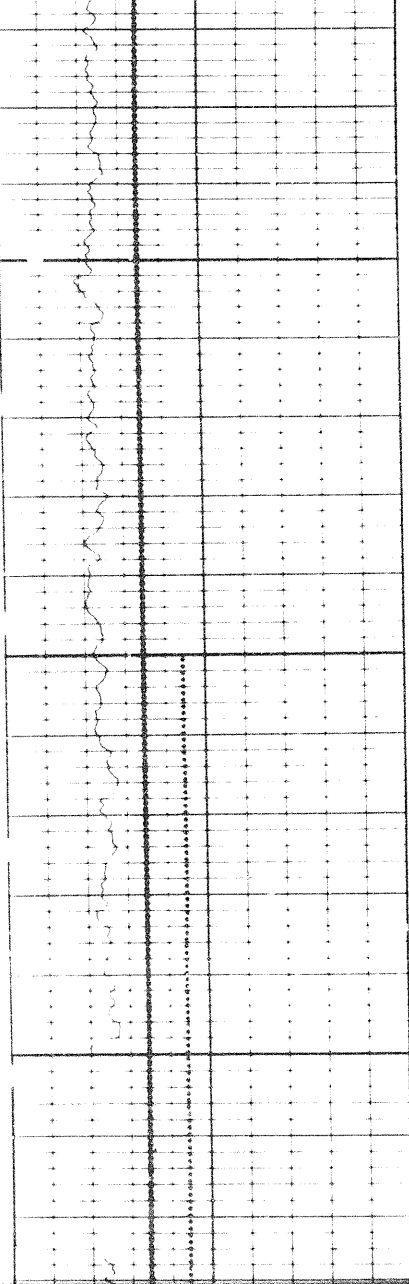
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0060



Calibration before Survey

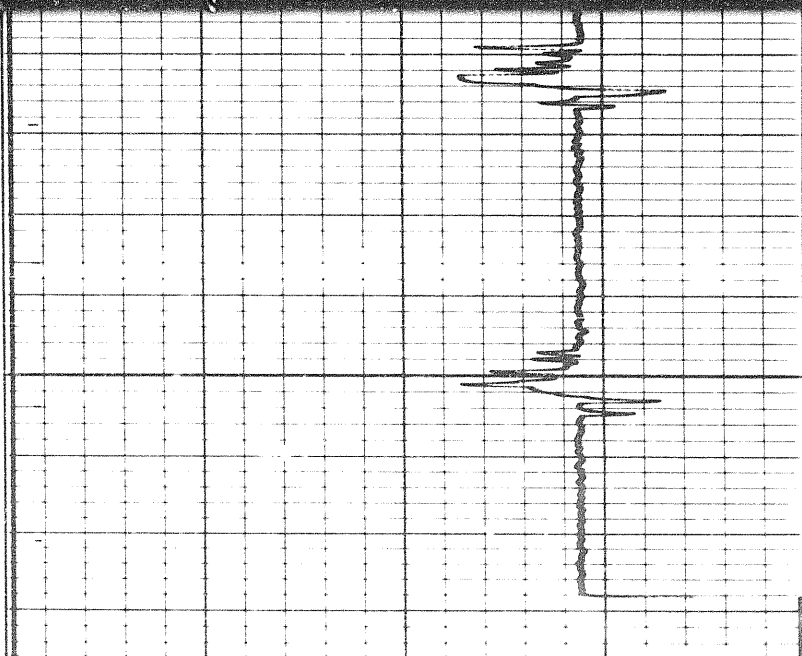
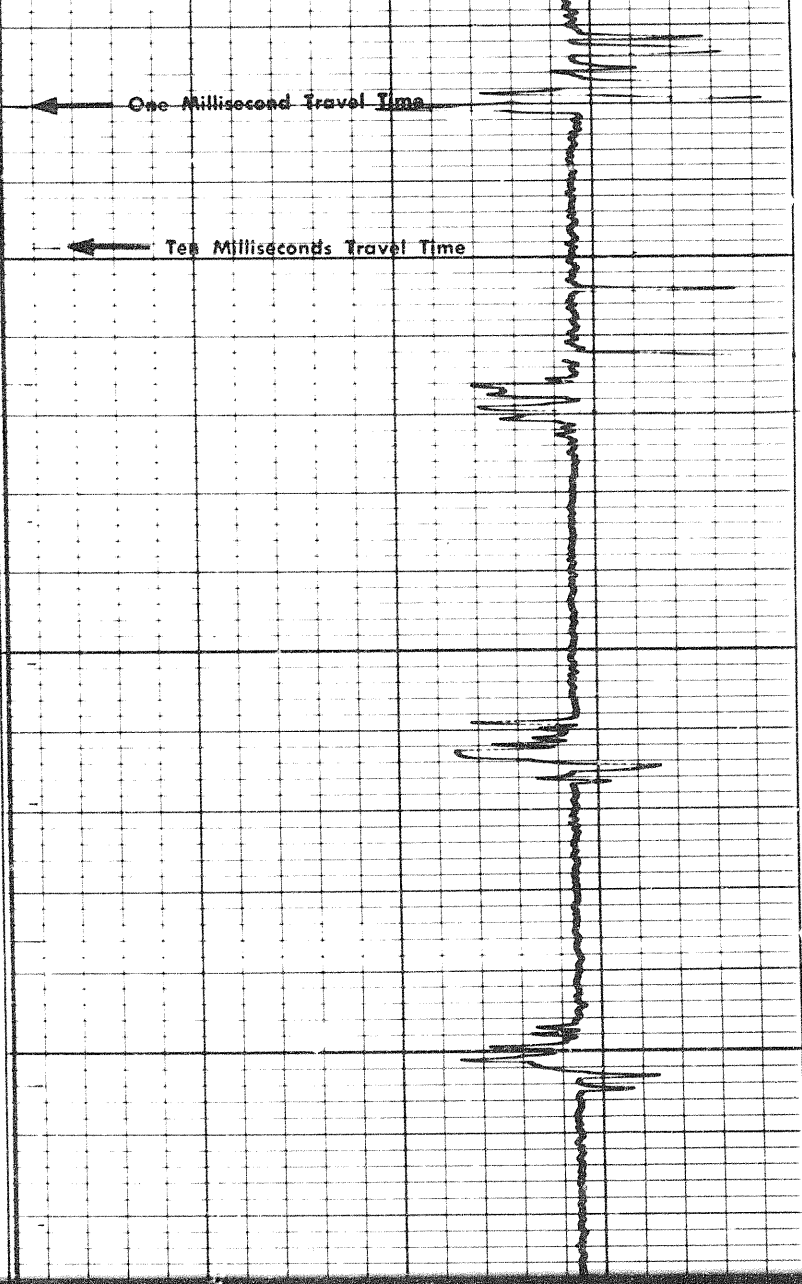
One Millisecond Travel Time



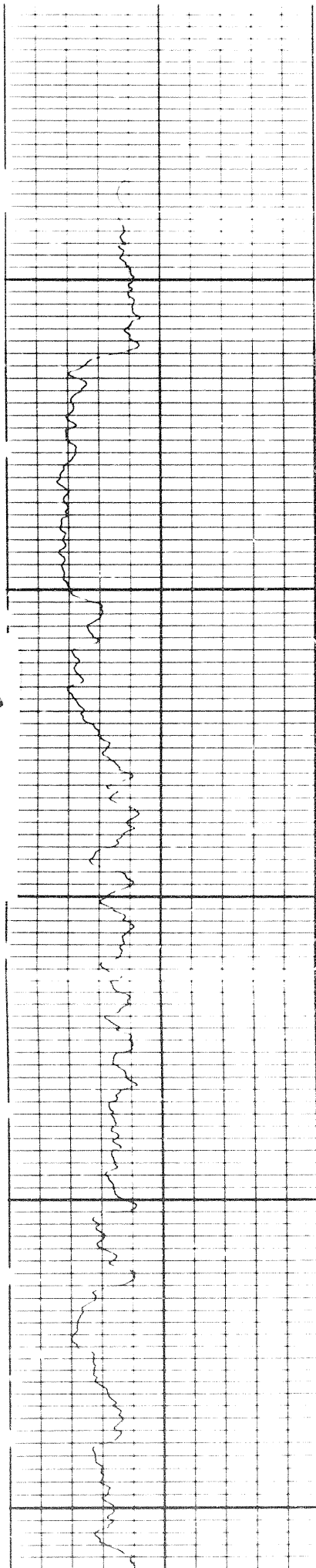
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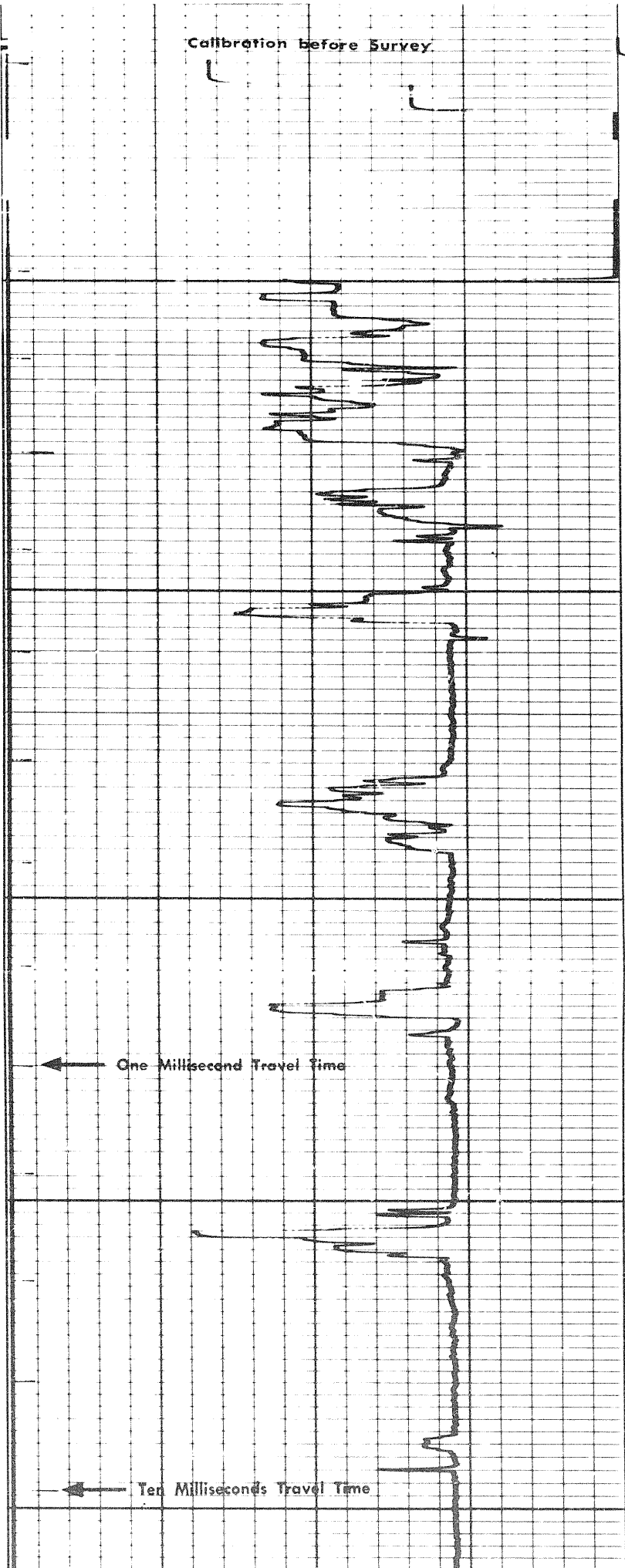
2794



4700

4800

Calibration before Survey



One Millisecond Travel Time

Ten Milliseconds Travel Time

RUN 2

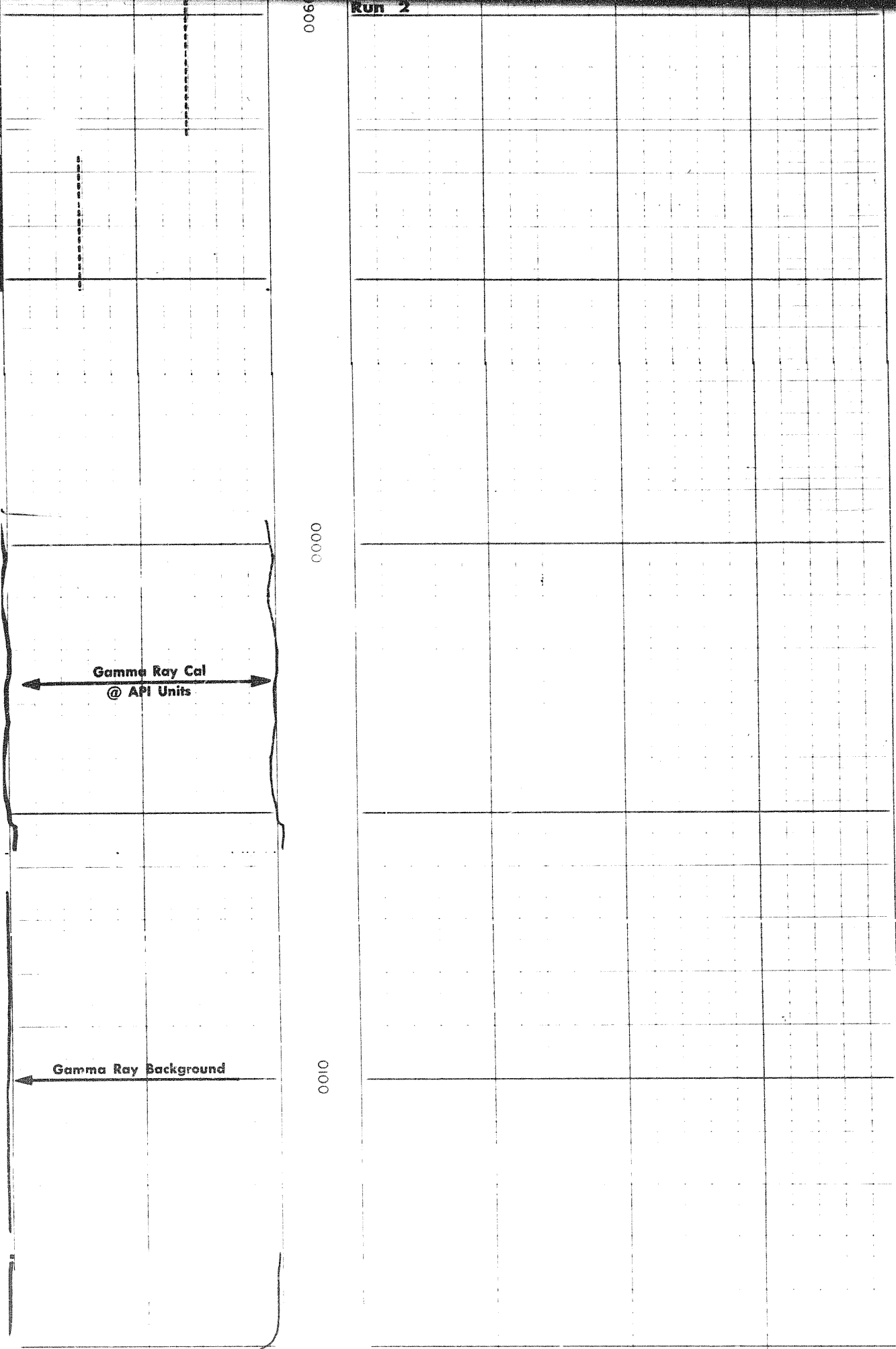
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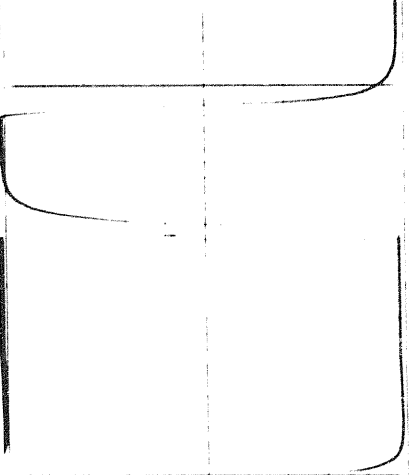
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Gamma Ray Cal
@ API Units

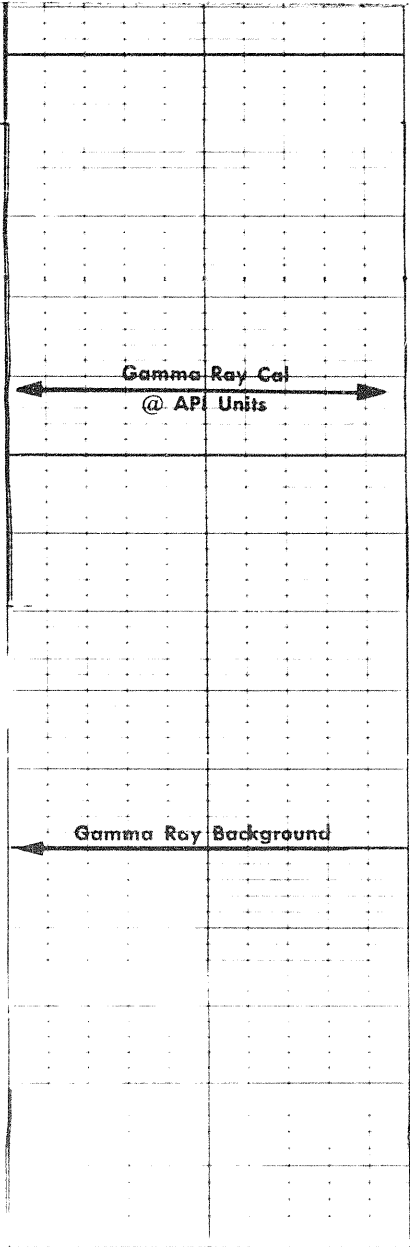
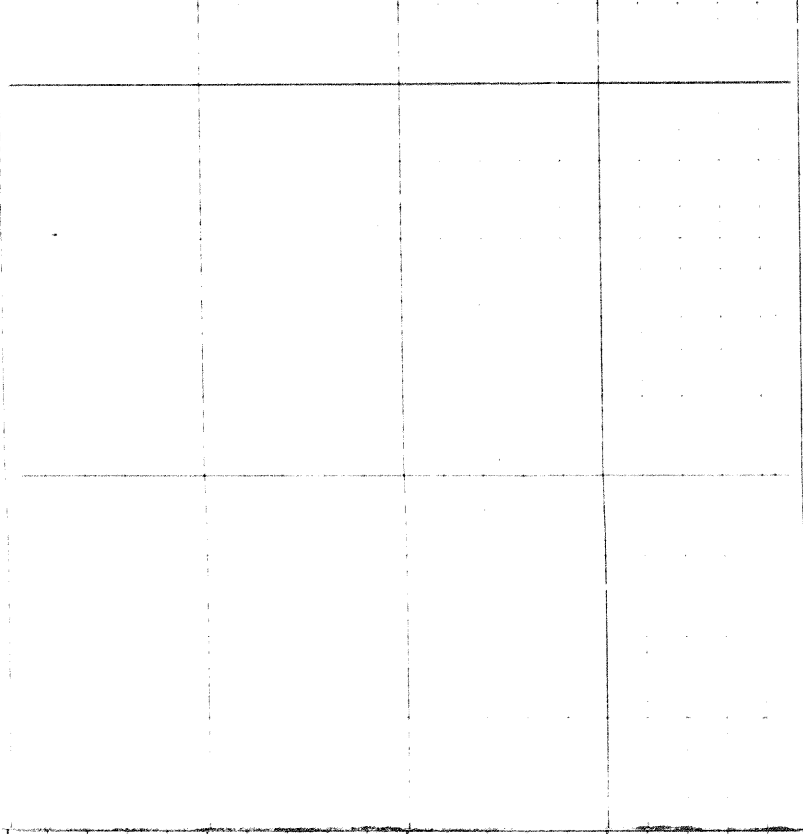
Gamma Ray Background



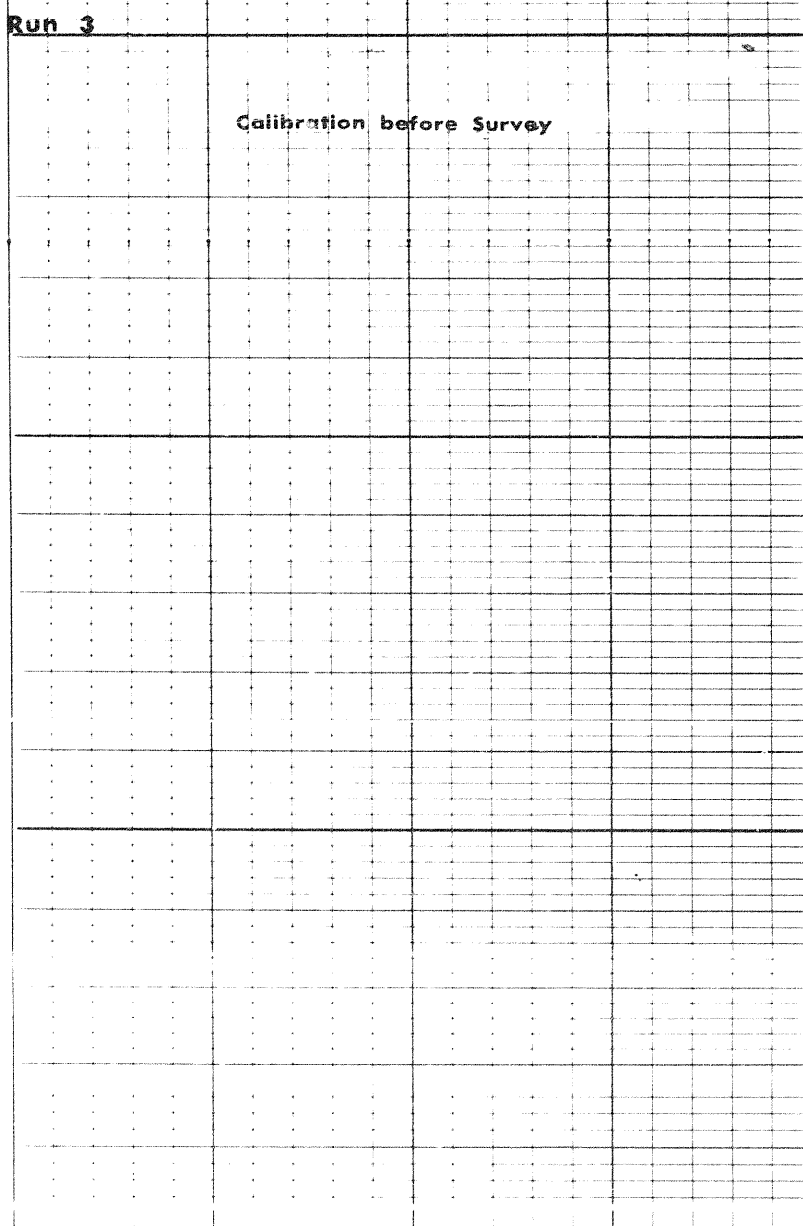
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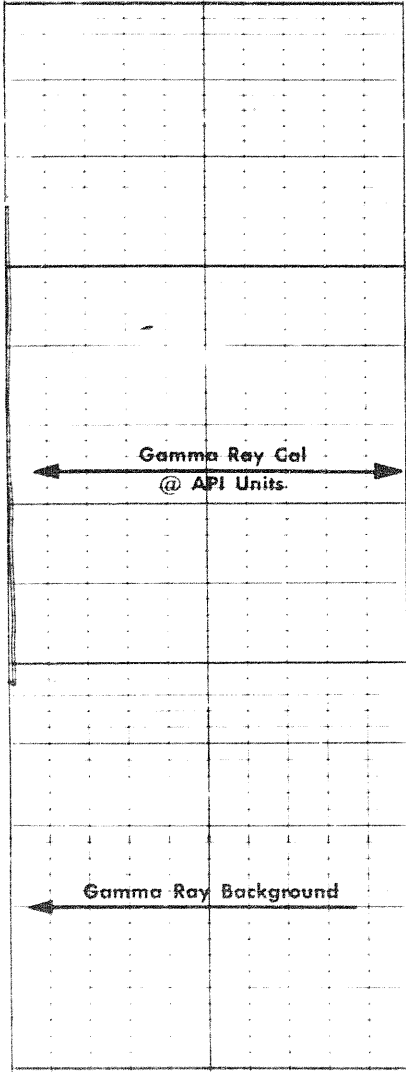
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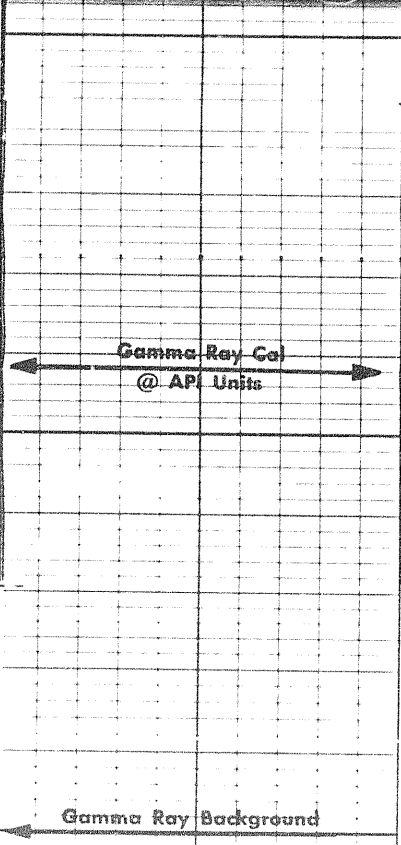
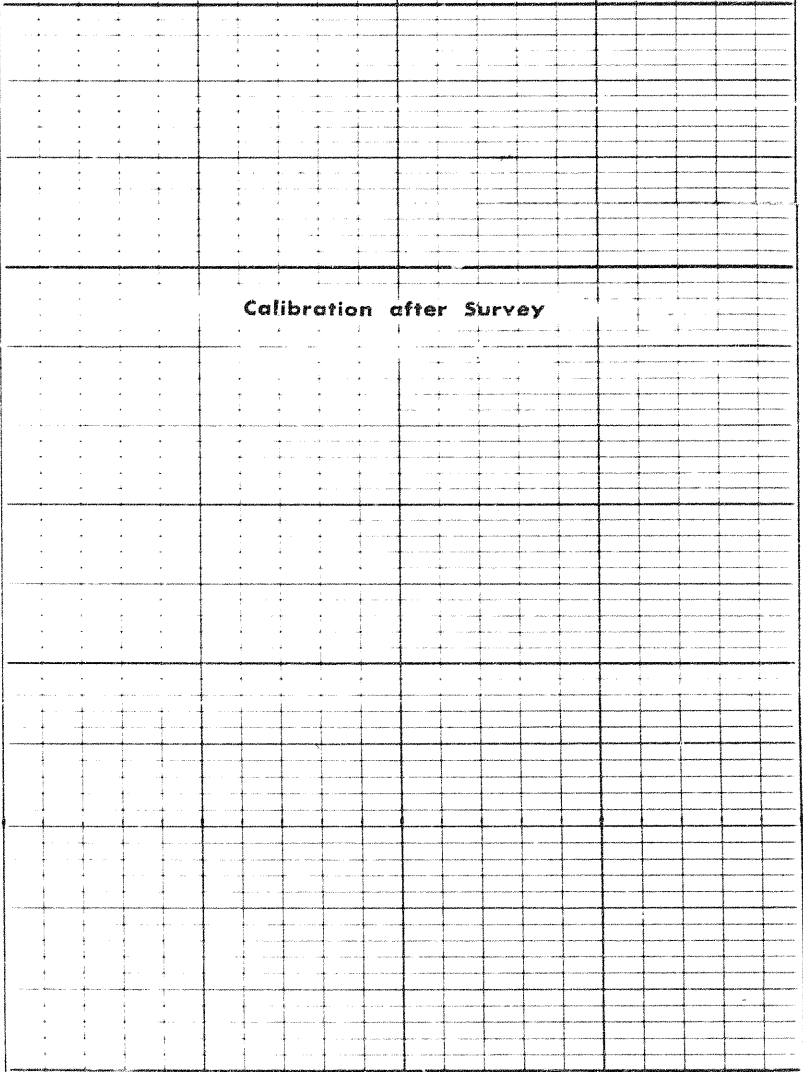
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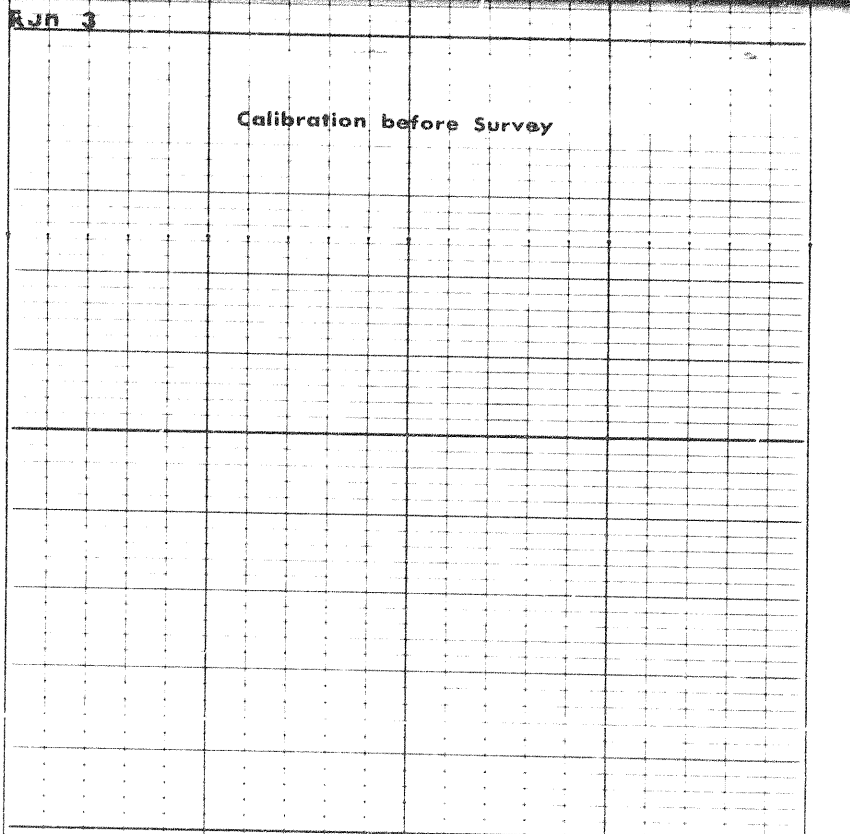


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0066

RUN 3



0000

Gamma Ray Background

0000

Gamma Ray Cal
@ API Units

0000

Gamma Ray Background

0066

Calibration after Survey

2907 29

