

SCHLUMBERGER

COMPENSATED  
FORMATION DENSITY LOG  
SCHLUMBERGER OF CANADA Calgary Alberta

PROVINCE YUKON  
FIELD WILDCAT  
WELL SHELL PEEL RIVER YT L-1  
COMPANY SHELL CANADA LIMITED

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WELL SHELL PEEL RIVER YT L-1  
FIELD WILDCAT  
PROVINCE YUKON  
LOCATION LAT 65° 30' 39.31"N LONG 134° 46' 28.51"W  
Perm. Datum GL Elev. 1282.0  
Log Measured From KB 13.0 Ft. Above Perm. Datum  
Other Services: ST, SRS, SRS  
ELEV: KB 1295.0  
GL 1282.0  
CBF

Date	4 FEB 66
Run No.	ONE
First Reading	6005
Last Reading	654
Feet Measured	5351
Depth Reached	6006
Bottom Driller	6020
Csg. SOC	654
Csg. Driller	655
Mud Nature	GEL CHEM
Dens. Visc.	9.4 66
Mud pH	9.5
Water loss	6.0
Res.	RMKS @ of
Rmf	" @ of
@ BHT	1.12 @ 72 of
Rmc	1.83 @ 67 of
ppm-Cl	@ of
Bit Size	5 3/4"
Source to Detector	STD
Spacing	
Equipment Type	FDC
Opr. Rig Time	6.5 HRS
Truck No.	1576 DC
Recorded By	ARMBRUSTER
Witness	ENGEN

1 of

14 FEB 66 CAL BAM

REMARKS  
Drilling Stopped 0800 / 3rd : Circulation Stopped 1100 / 3rd : Tool on Bottom 0900 / 4th : 1st Run Service Order # 31119 B.H.T. 130 °F

Panel No.	A78	MUD SAMPLES: Rm#1 = 1.28 @ 64°F = 0.66 @ 124°F (BHT) Rm#2 = 1.27 @ 67°F = 0.67 @ 124°F (BHT) Rm#3 = 1.26 @ 68°F = 0.68 @ 124°F (BHT)
Cartridge No.	B70	
Sonde No.	D94	
Detector No.		

CALIBRATION:	Background CPS	Test Source CPS	Galvanometer Deflection Div.	Panel Sens. Tap for Cal.
Gamma Ray	30	400	8.25	500

GAMMA RAY API UNITS	DEPTHS	BULK DENSITY ρ <sub>B</sub> - gm/cc
Sens. 300 T.C. 2 Zero 0 div. to left	2.0	2.5
120 120 240		3.0
CALIPER hole diameter in inches		DENSITY CORRECTION Δρ - gm/cc
6 7 8 9 10 11 12 13 14		0.25 0 0.25 (-) (-) (+)

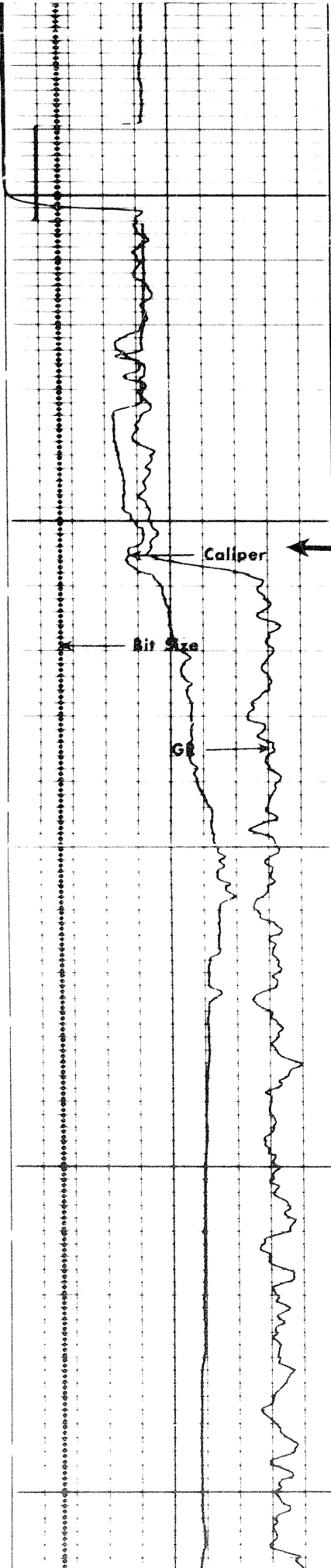
Calibration after Survey

hole diameter in inches

$\Delta\rho$  - gm/cc

6 7 8 9 10 11 12 13 14

0.25 0 0.25  
(-) (+)

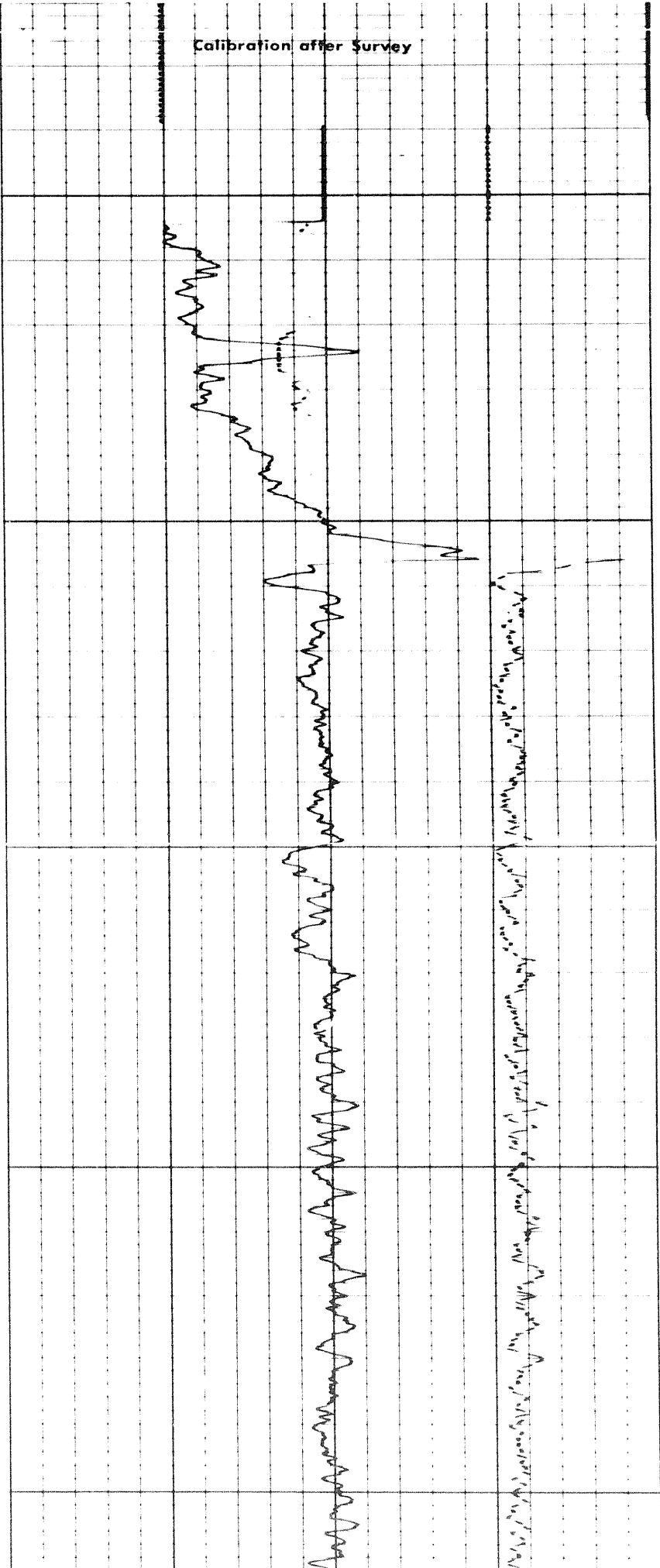


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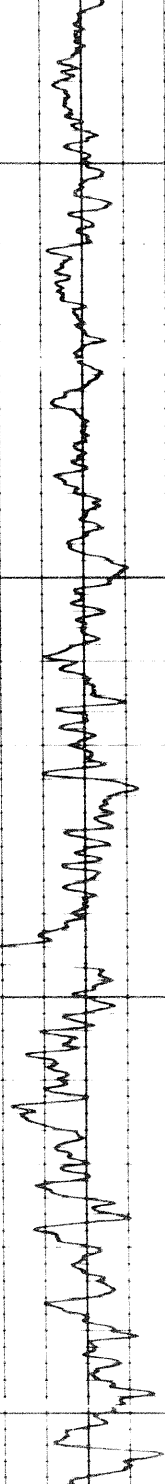
0070

0080

Calibration after Survey

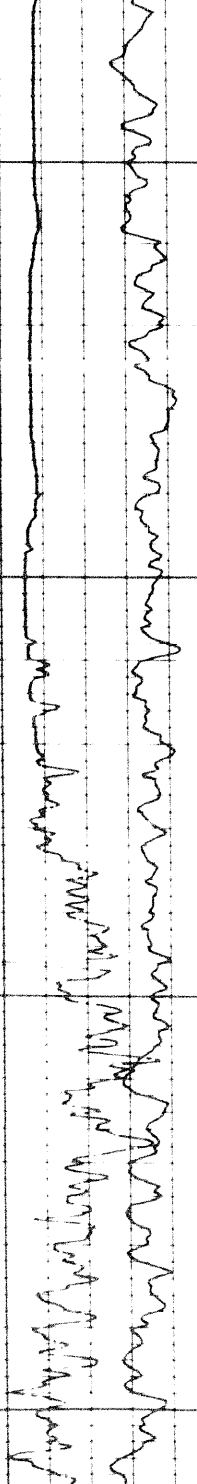


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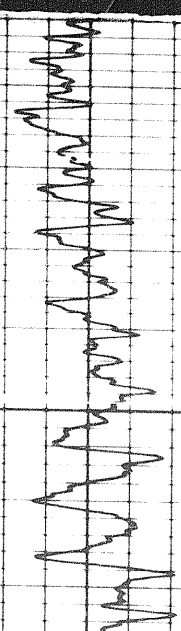


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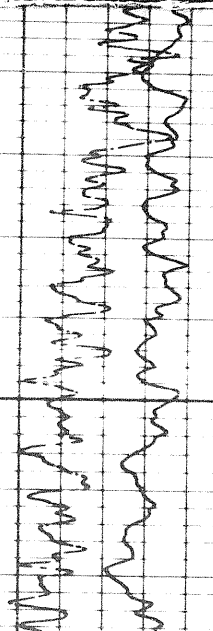
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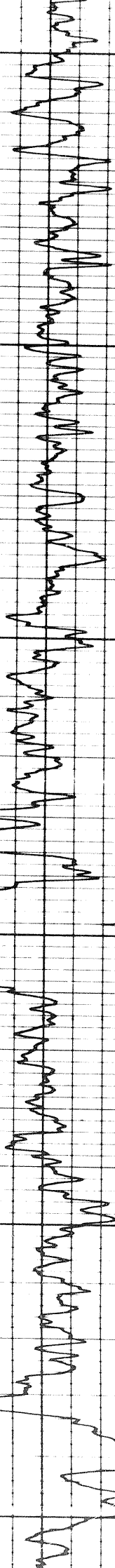
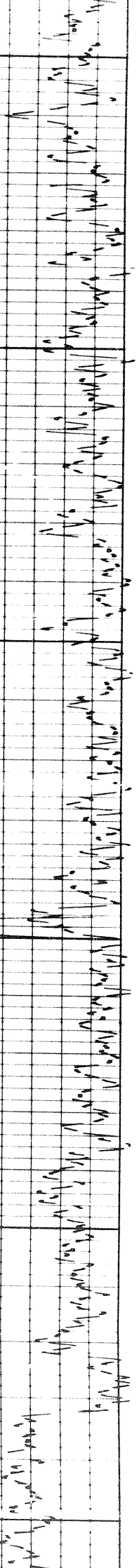


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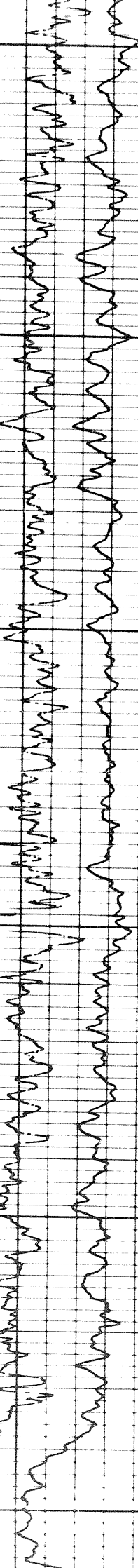




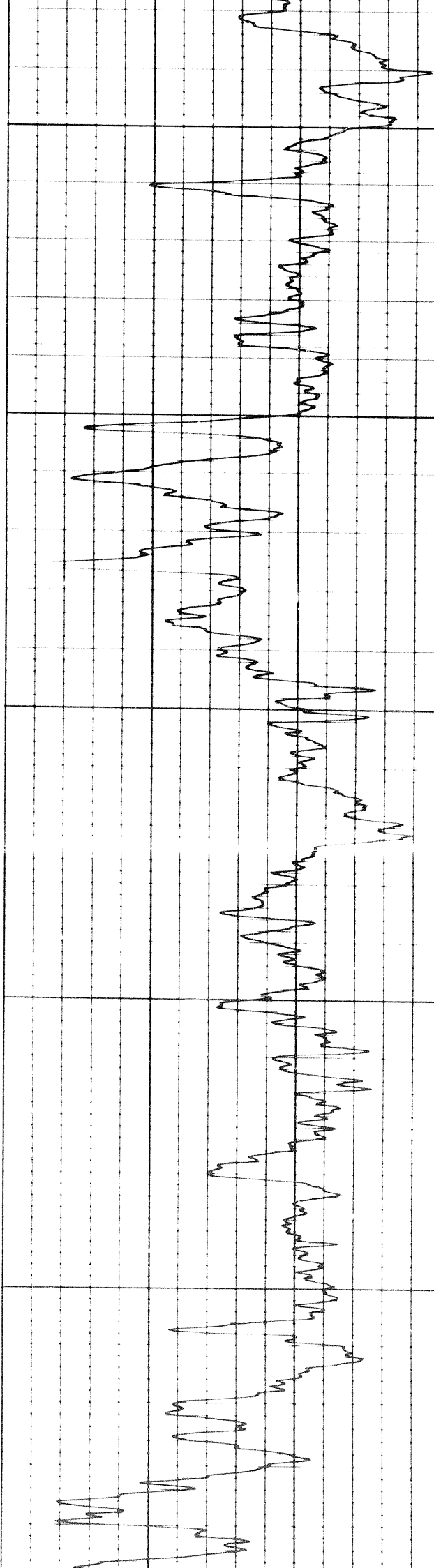
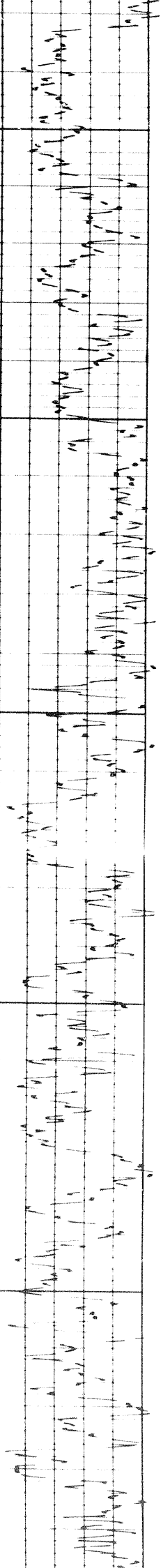
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1100

1200



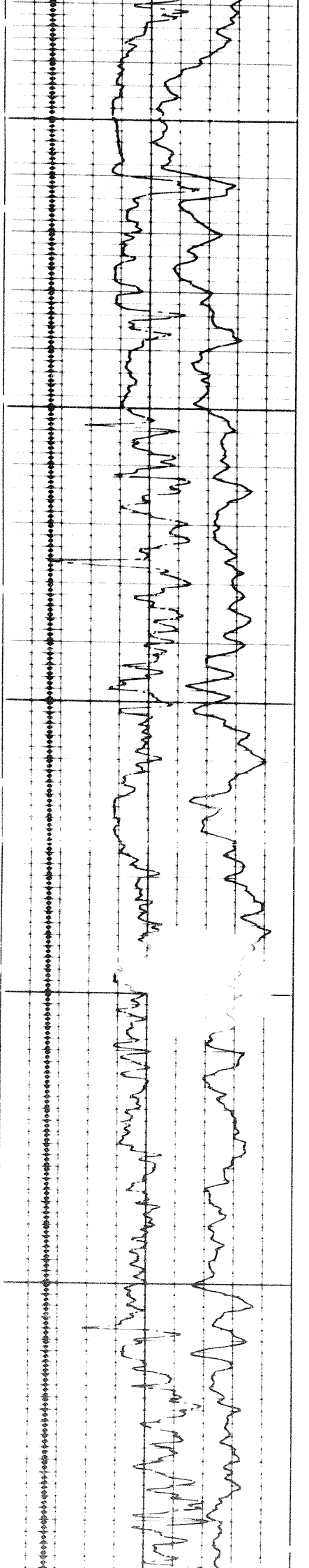
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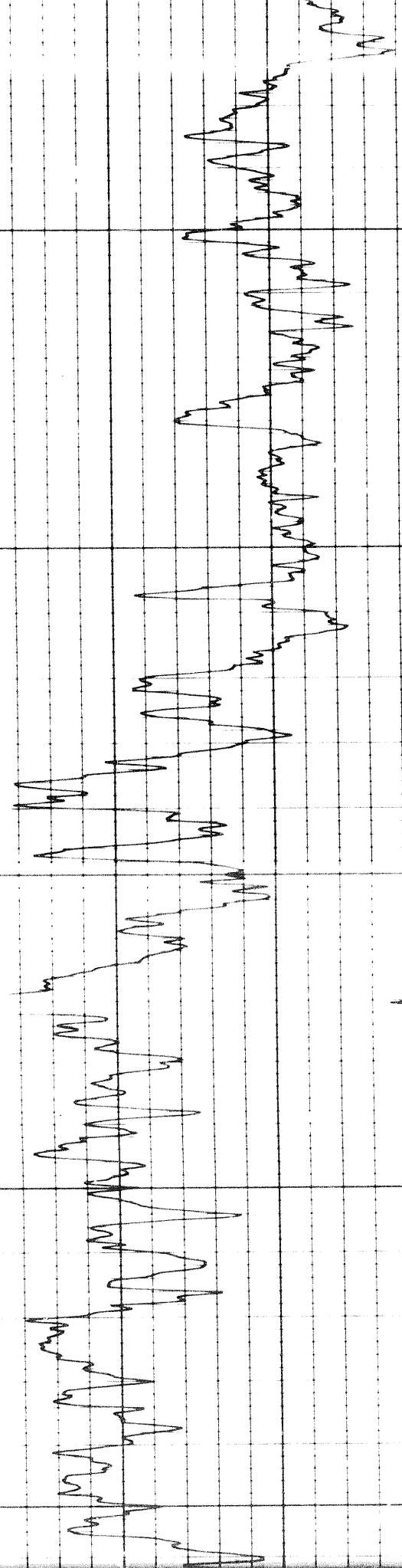
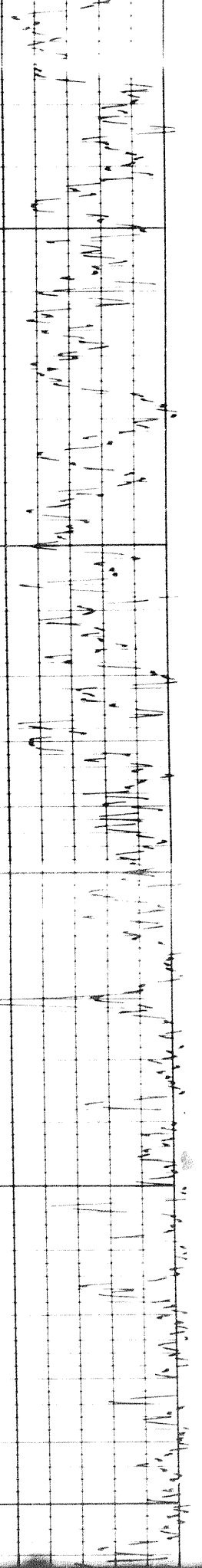


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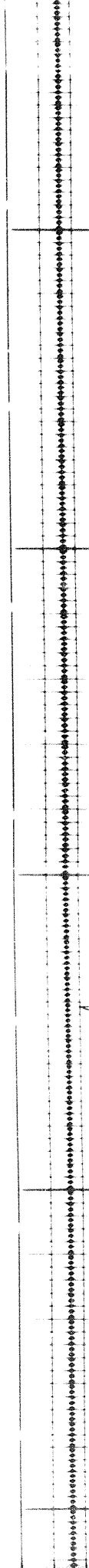
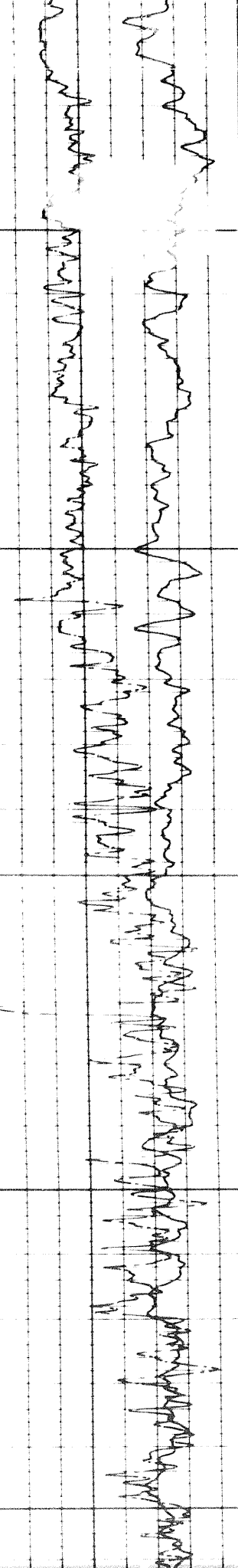
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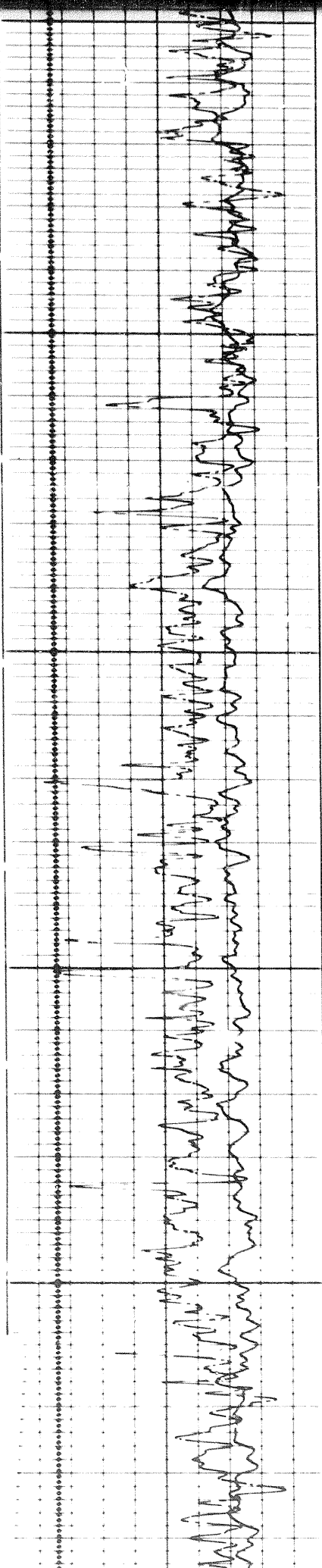
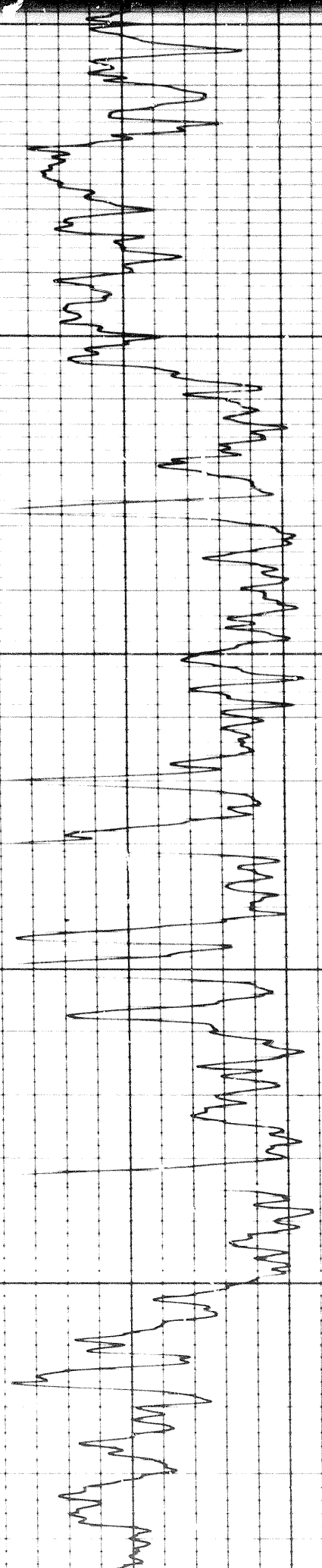
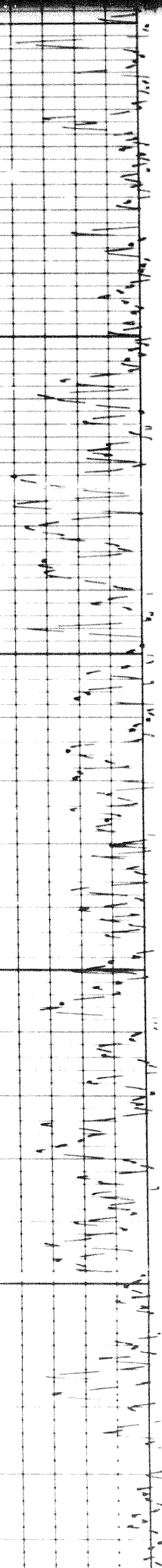




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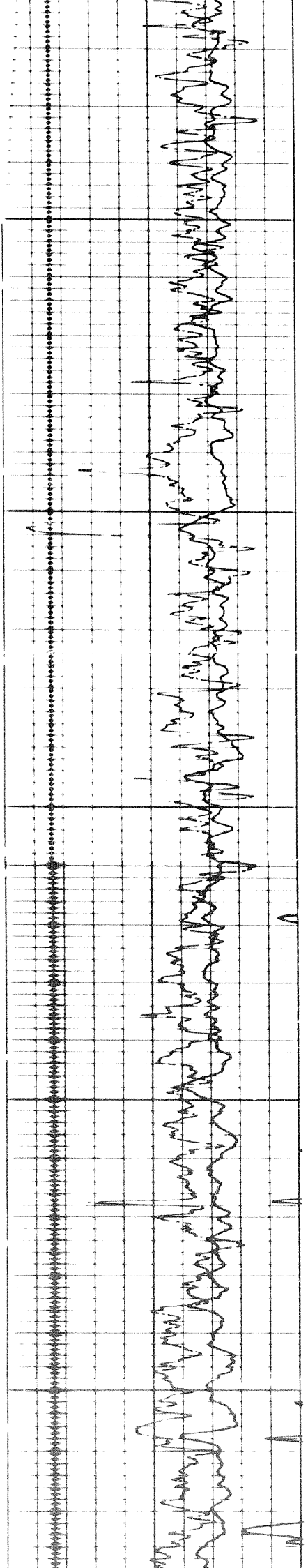
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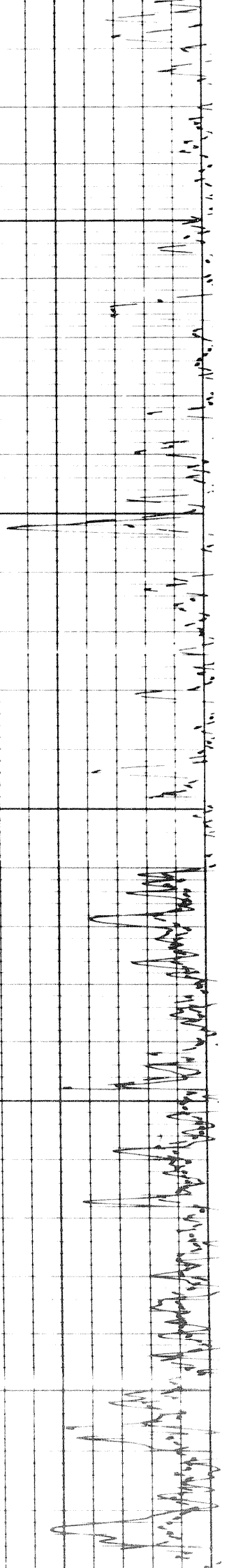
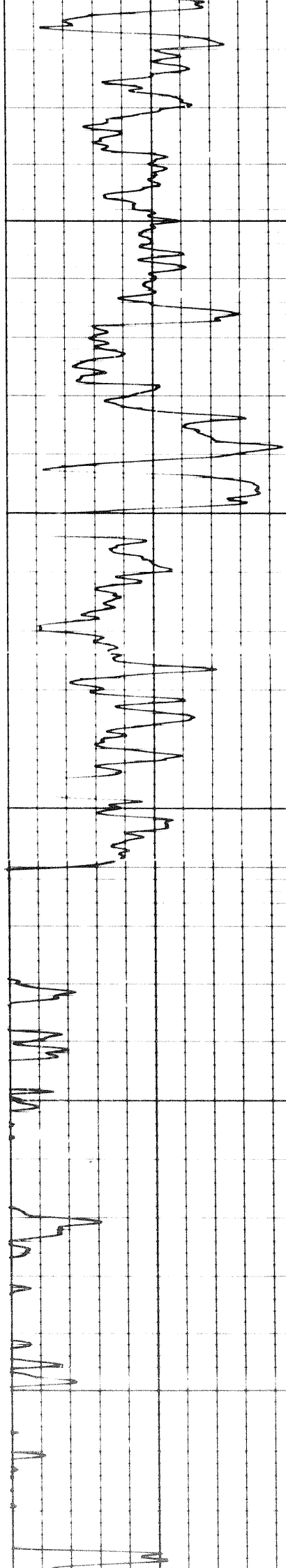
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3 of

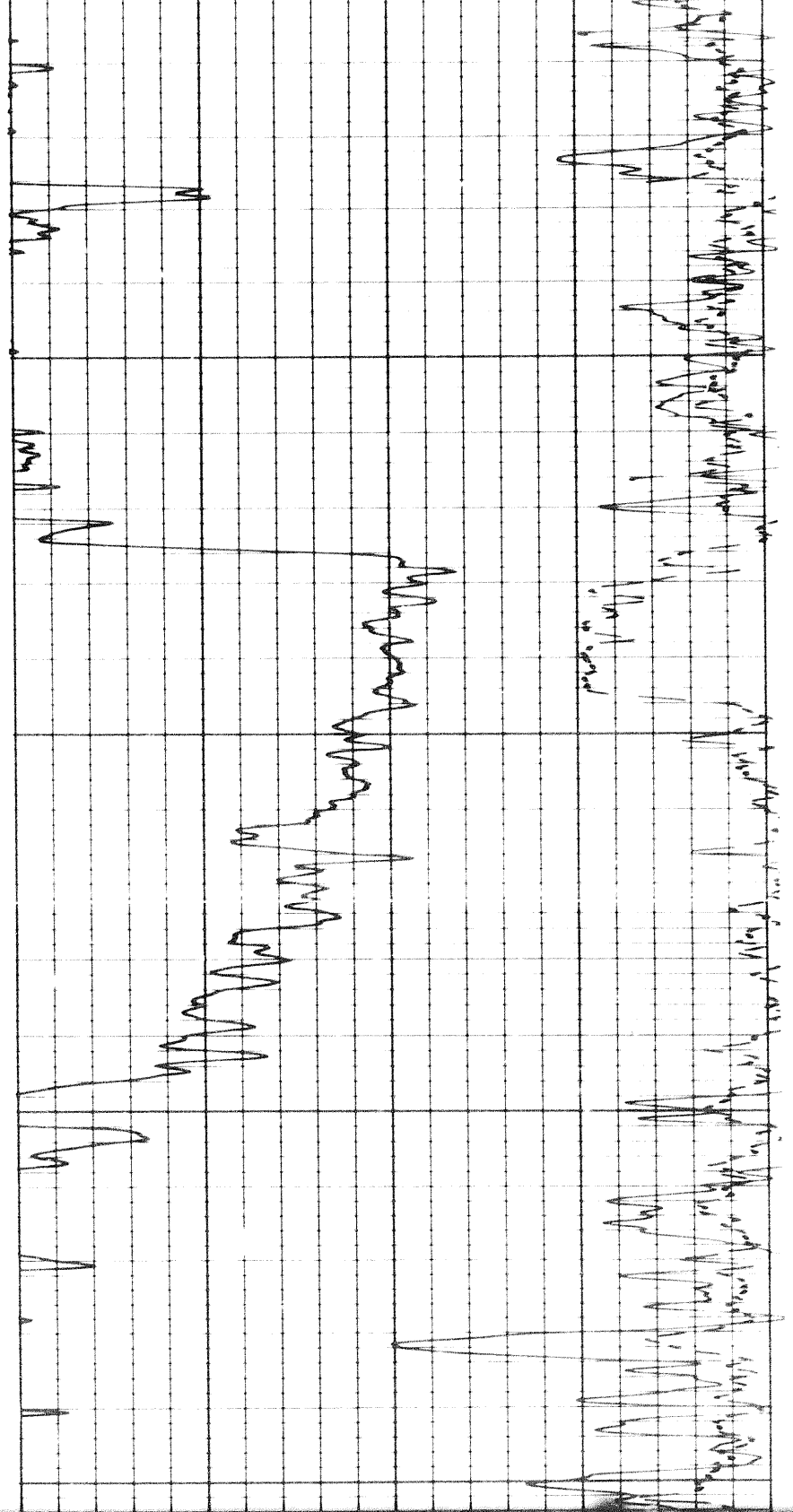


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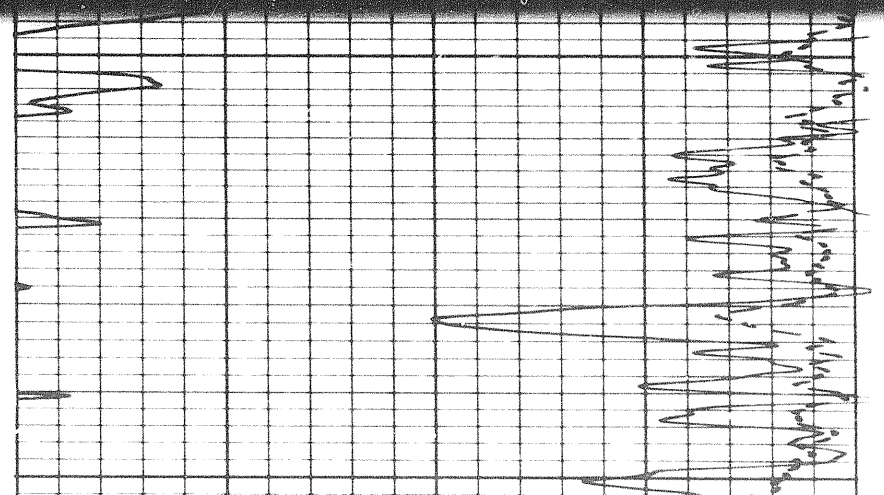




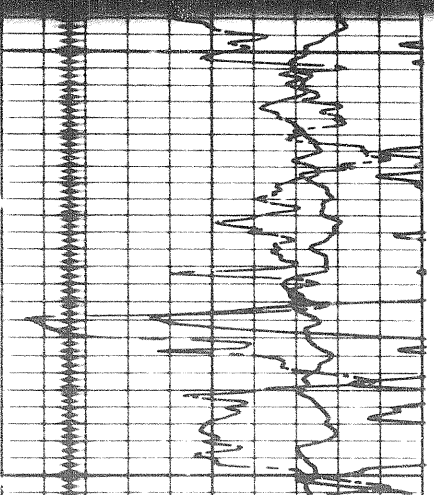
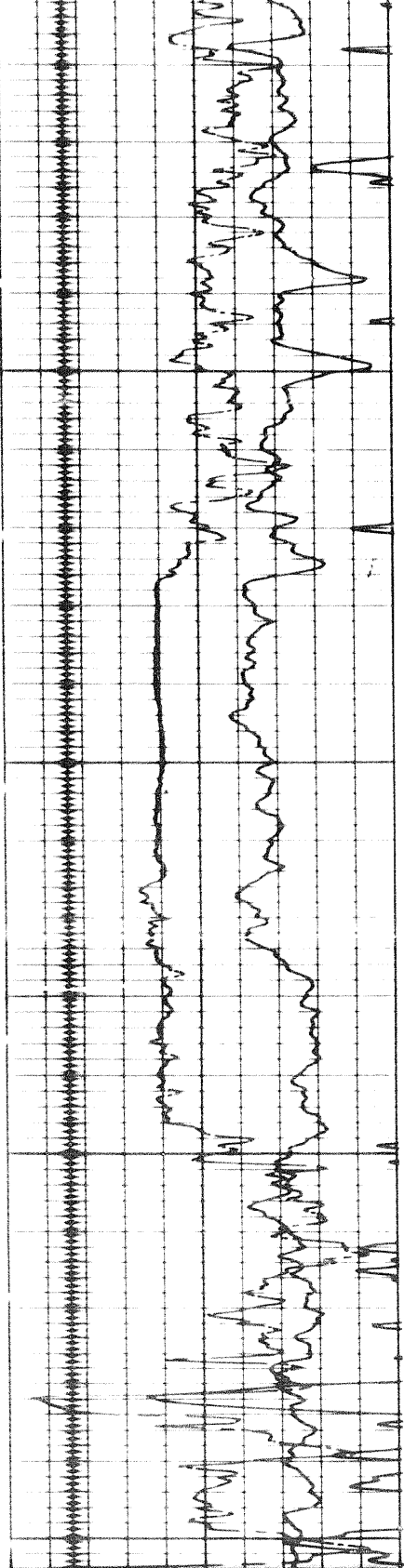
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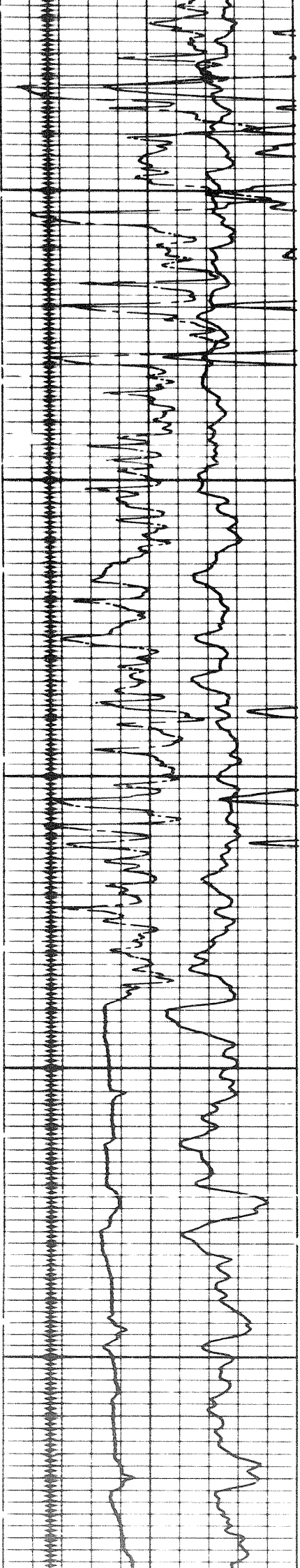
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2100

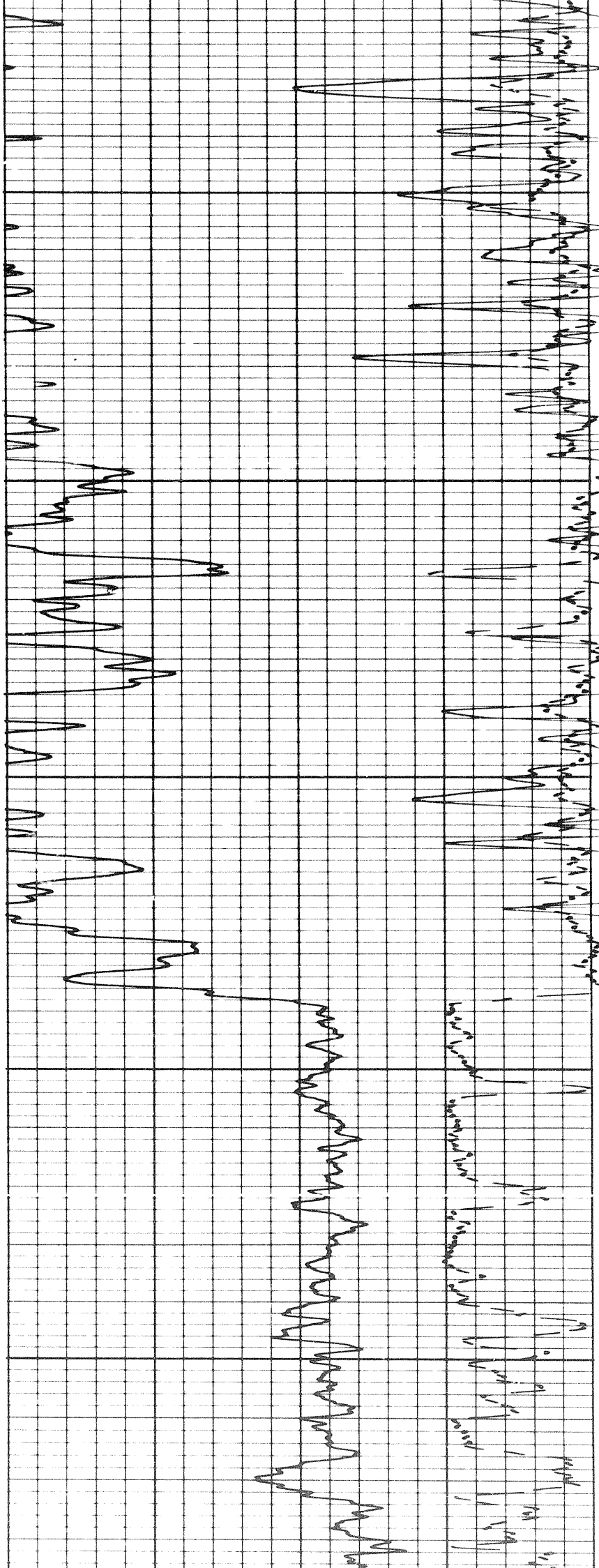


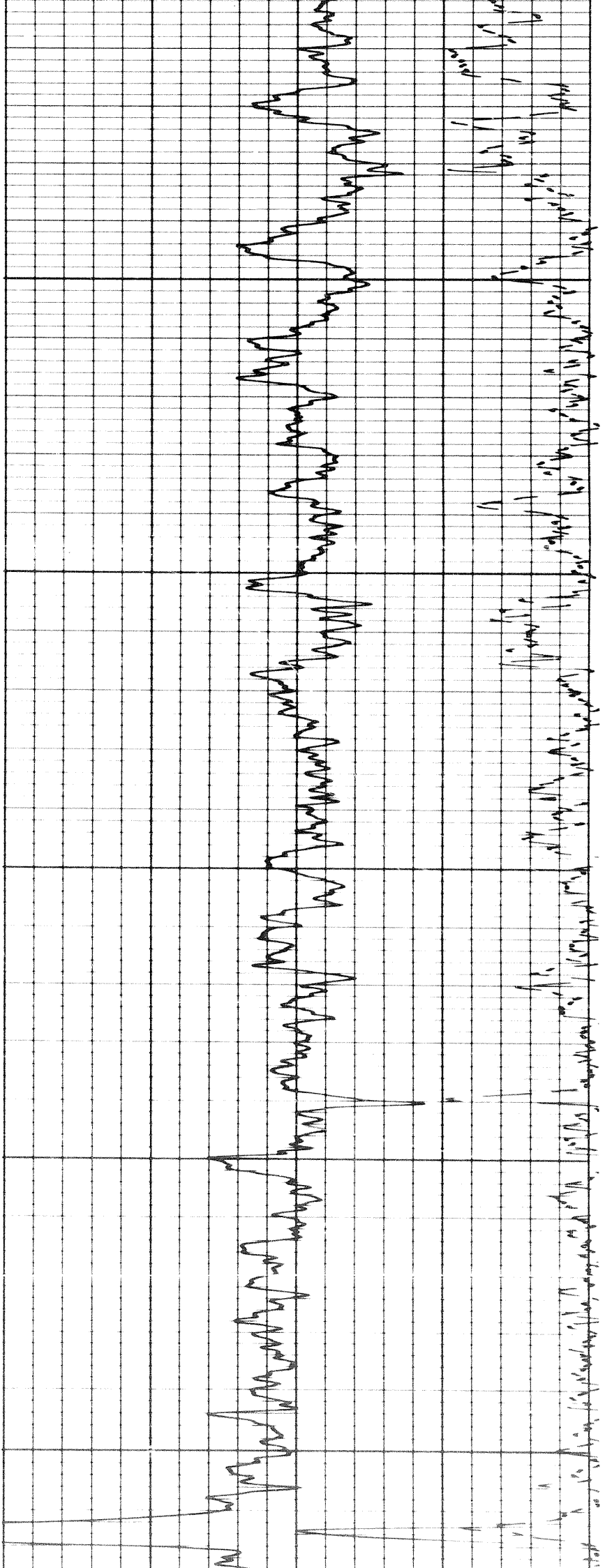
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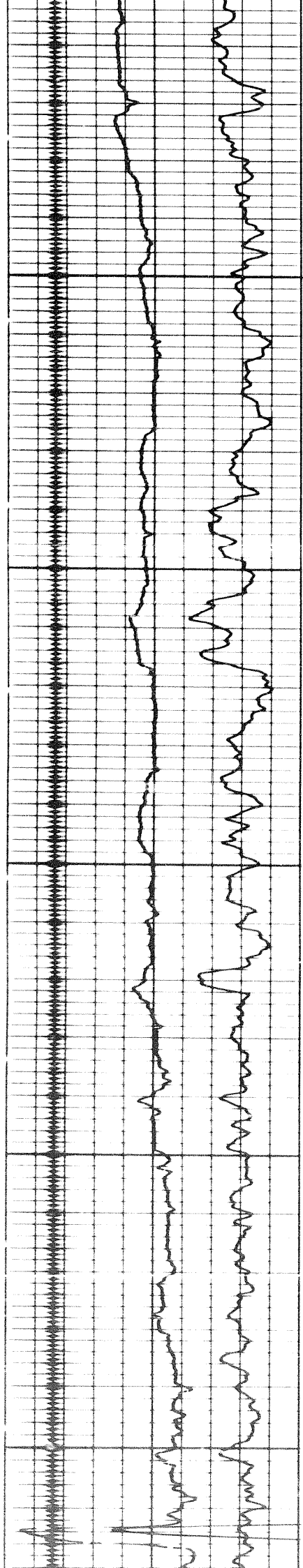


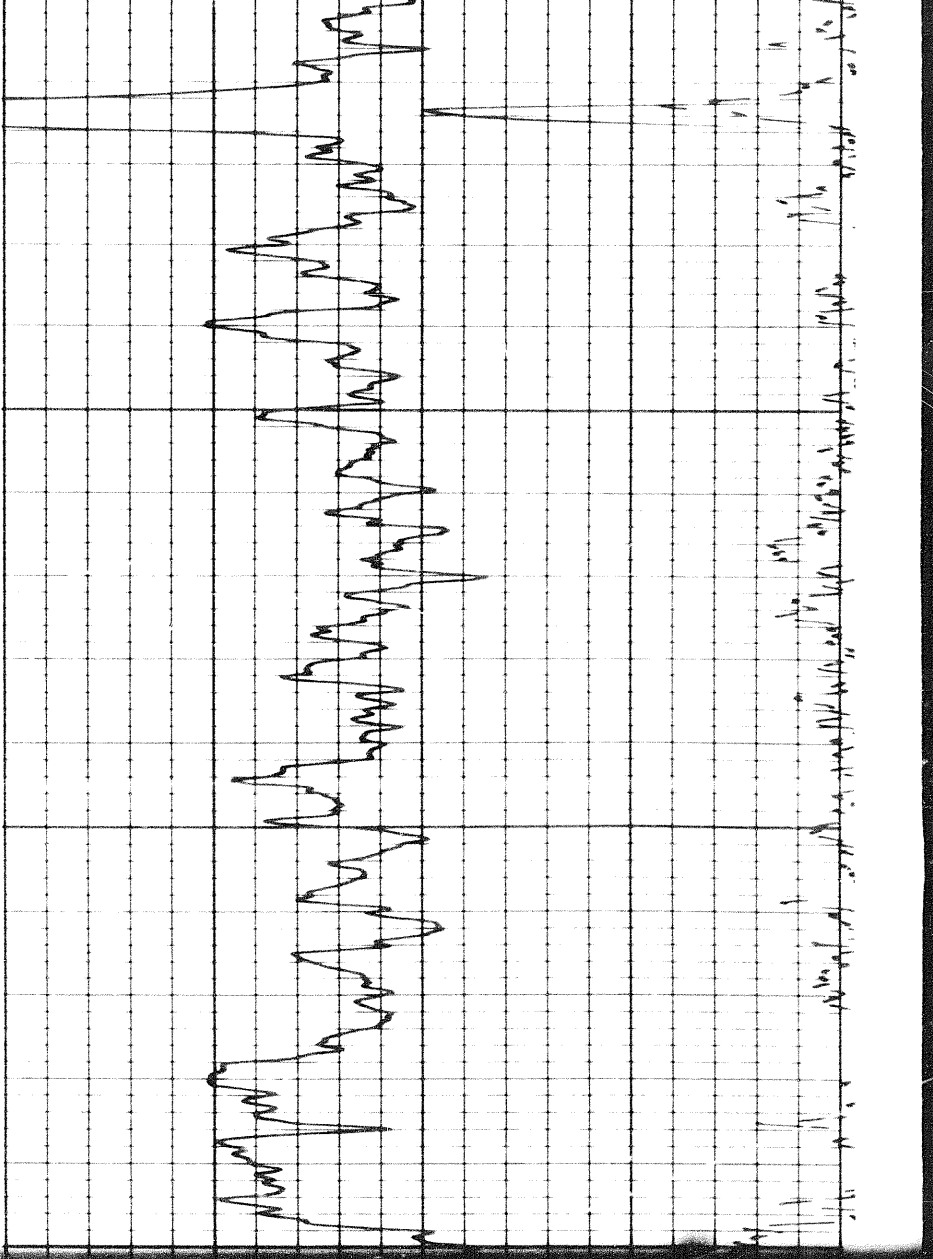


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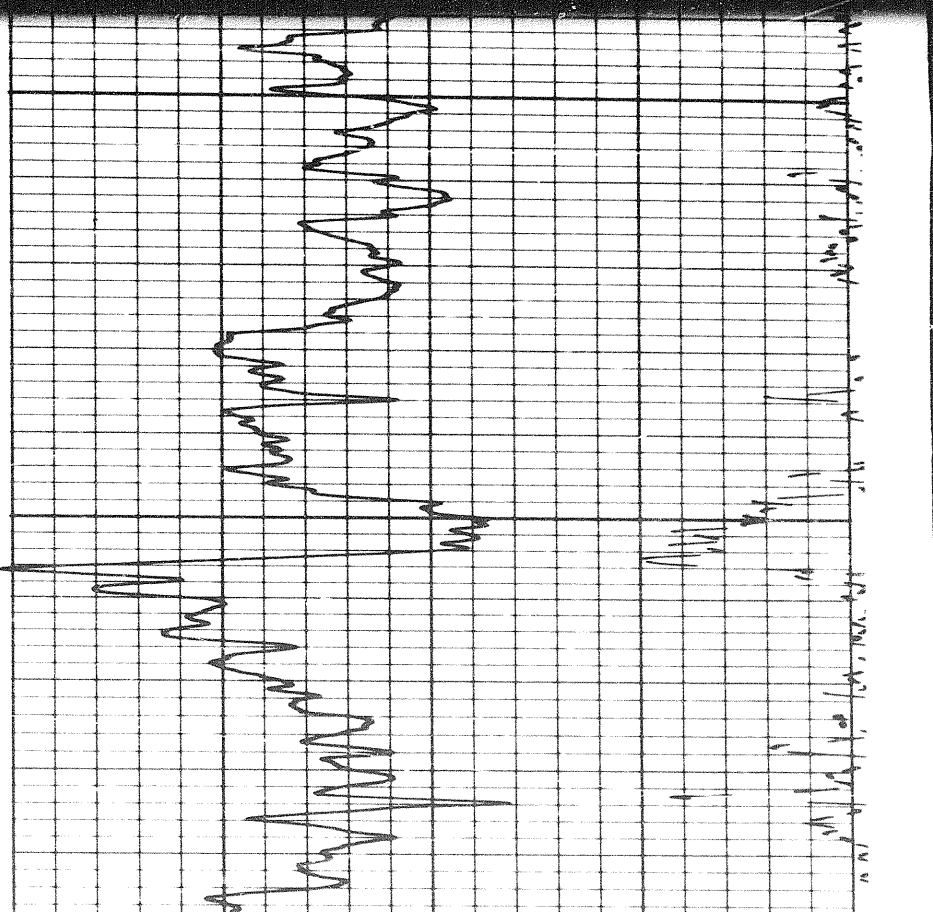
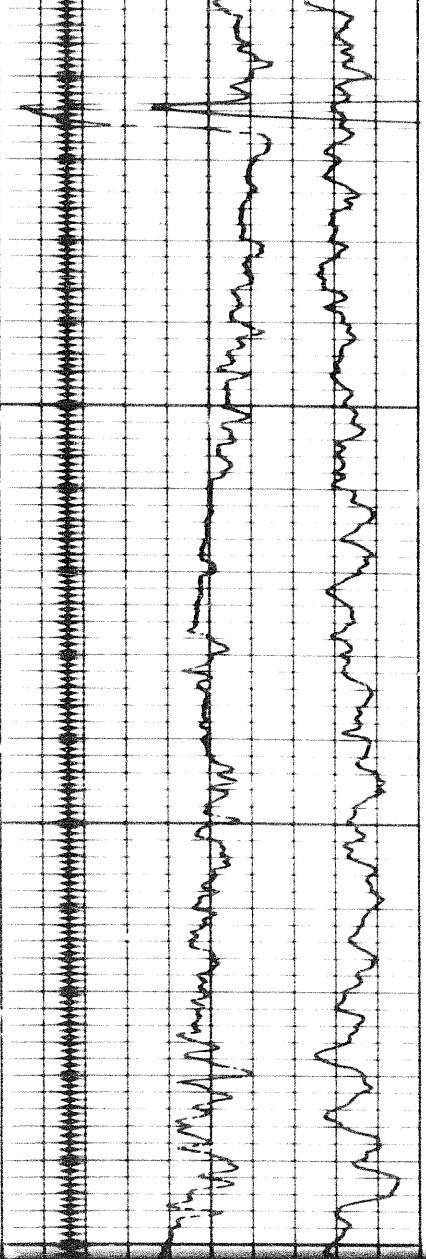
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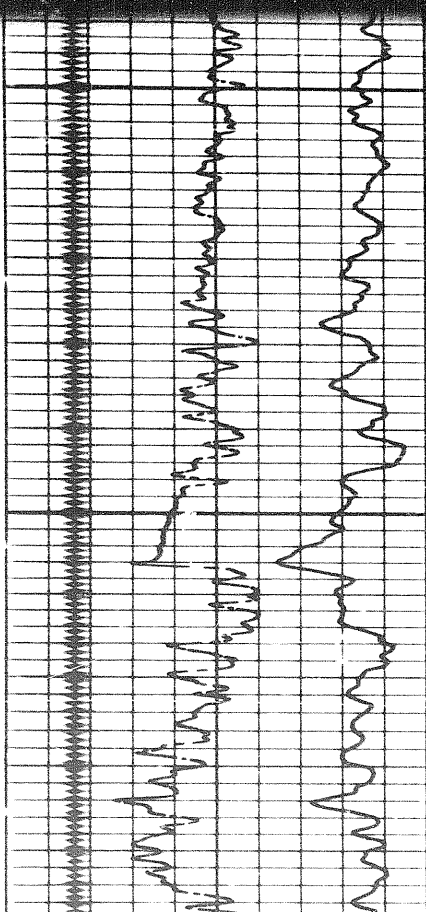


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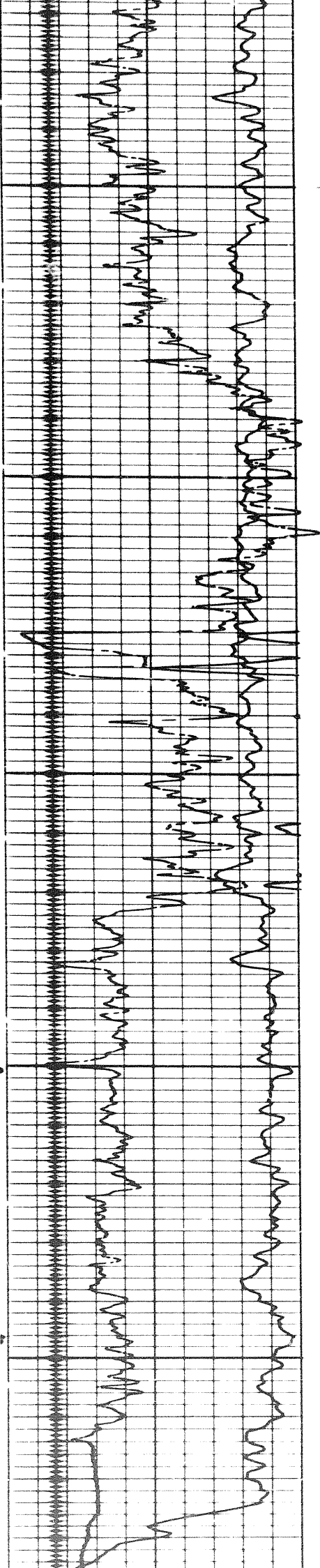
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2700



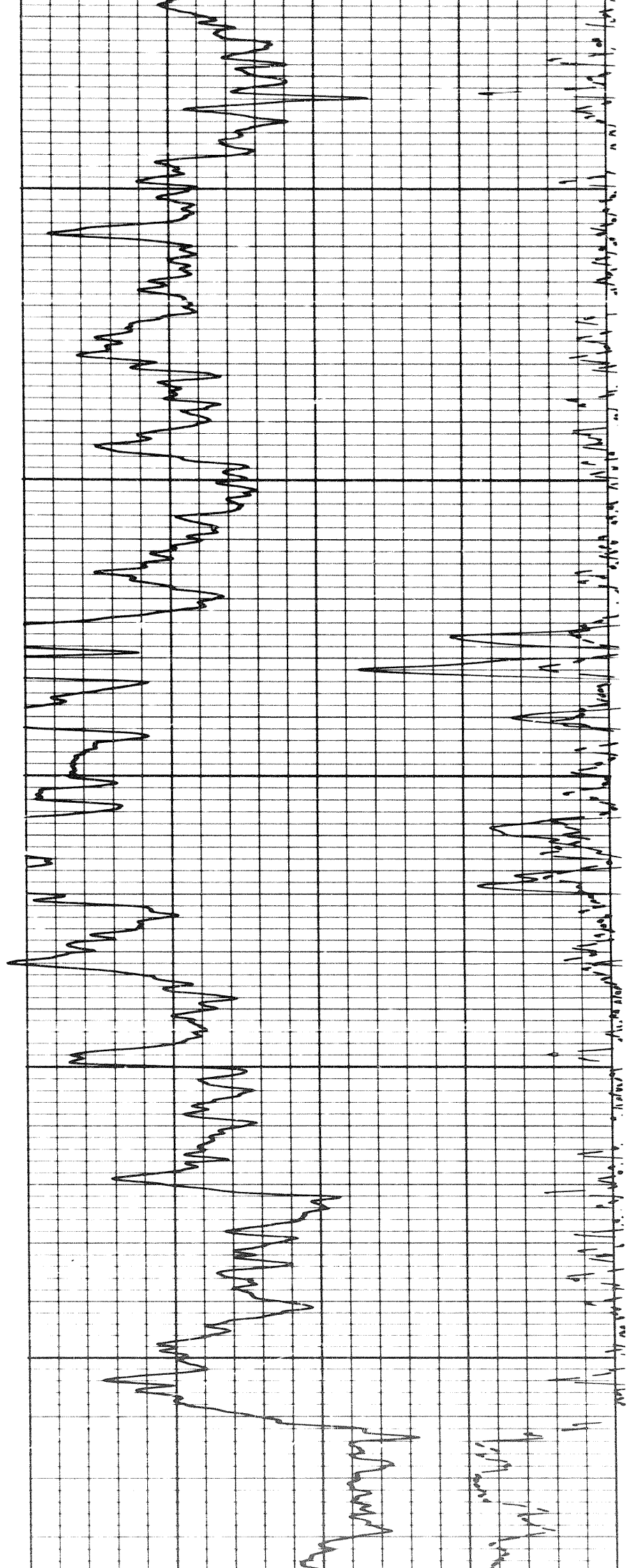
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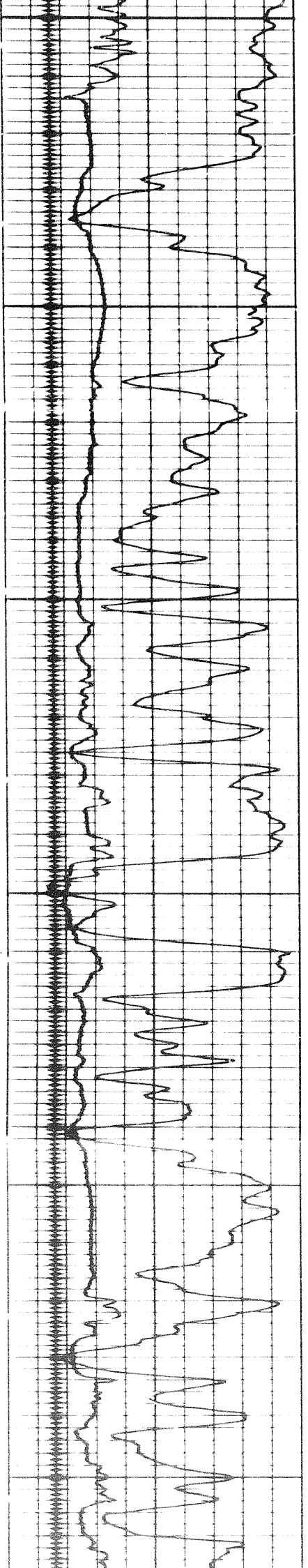
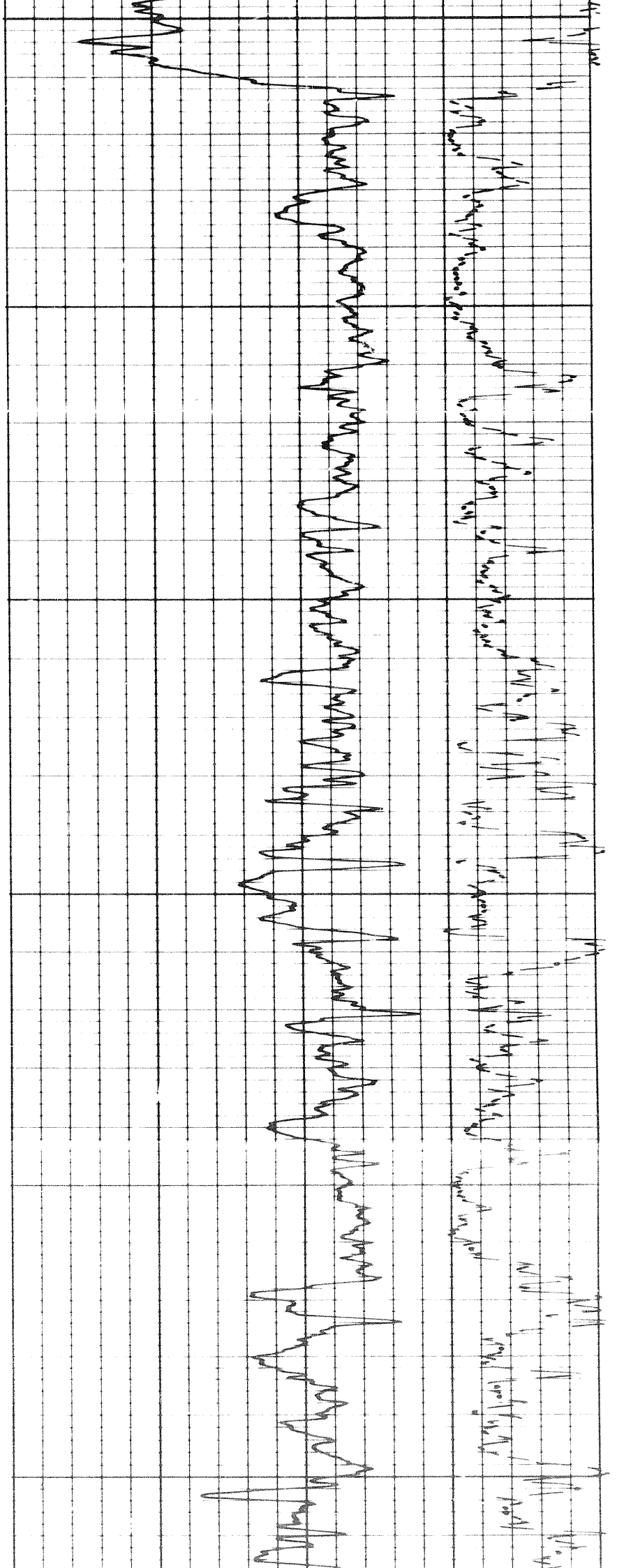


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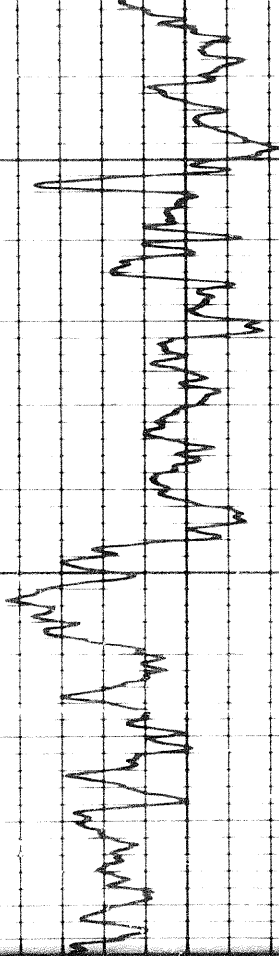
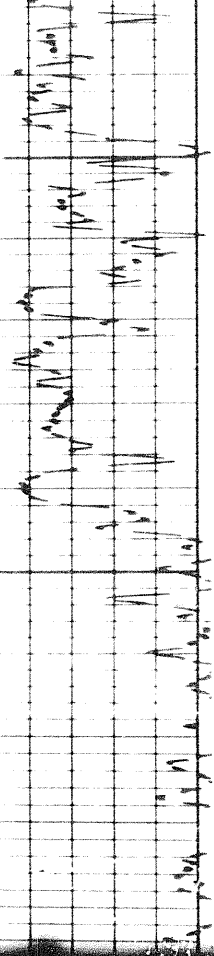




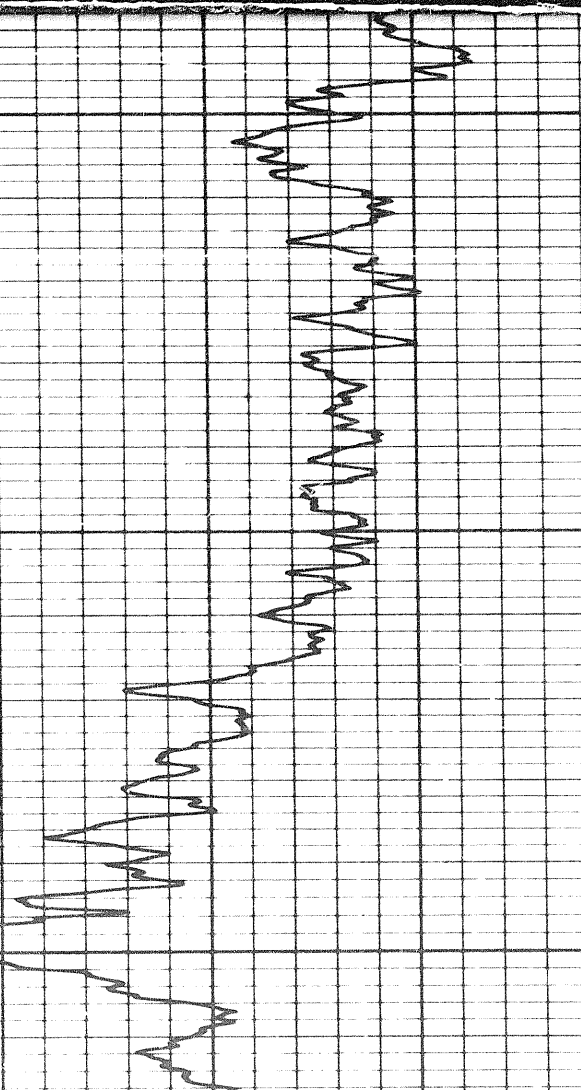
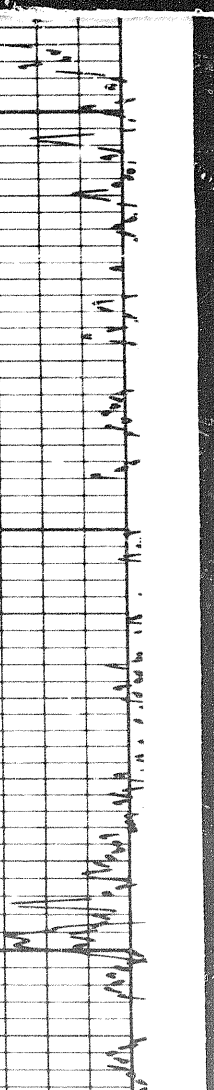
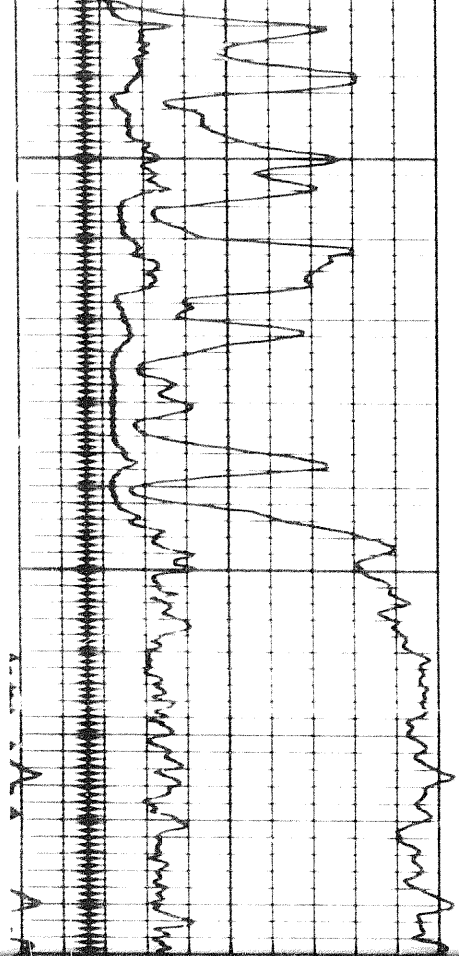
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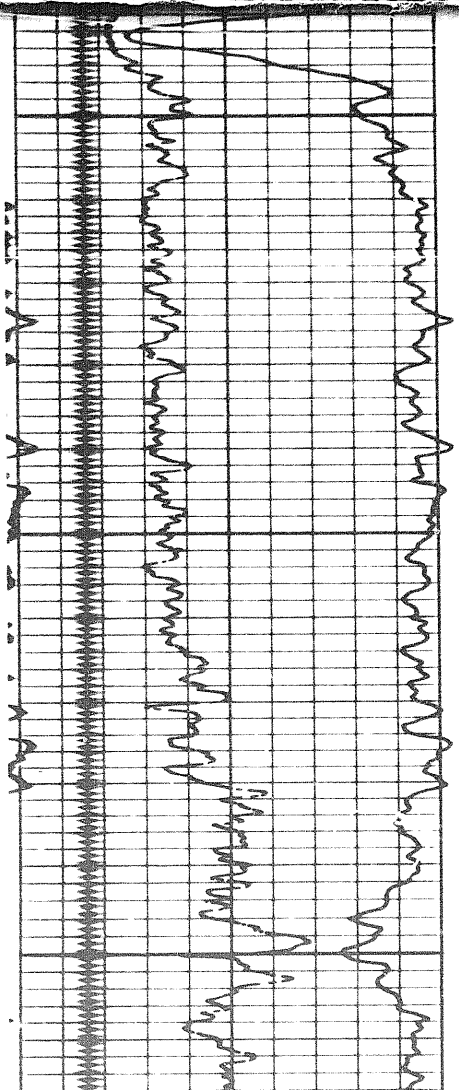


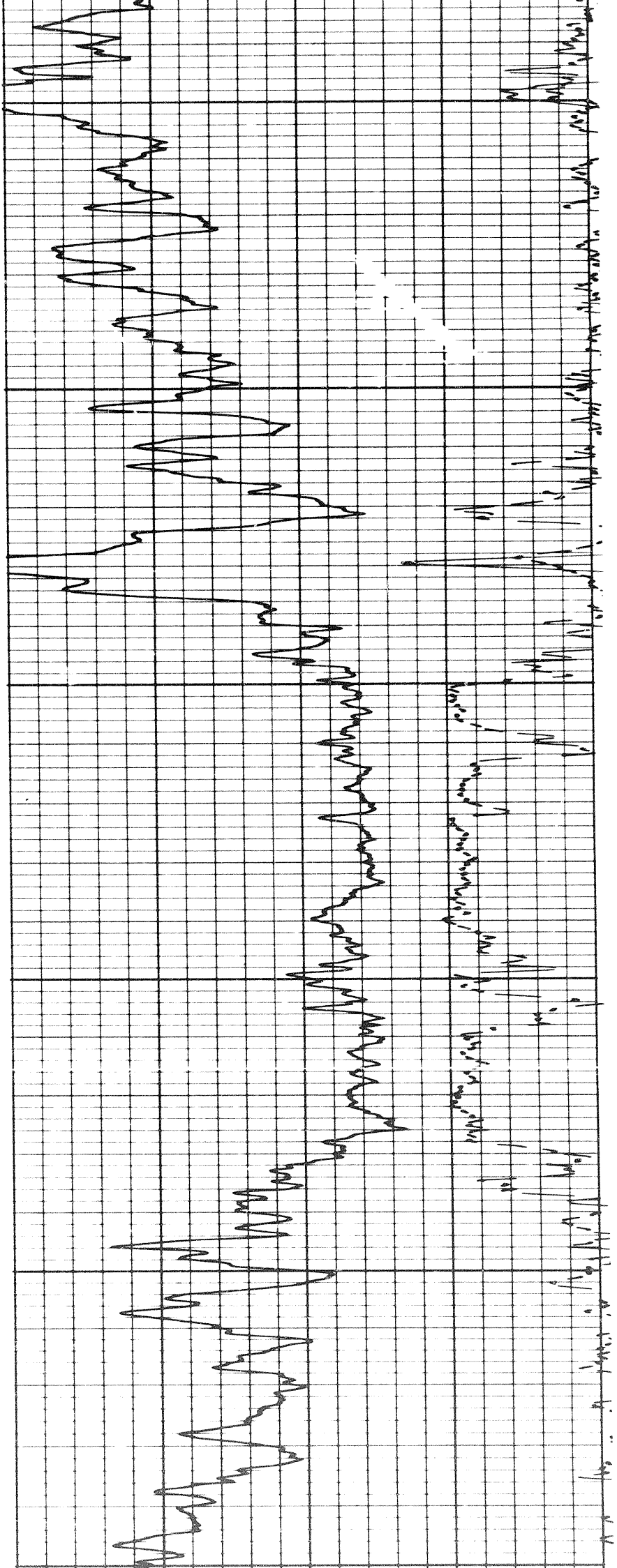
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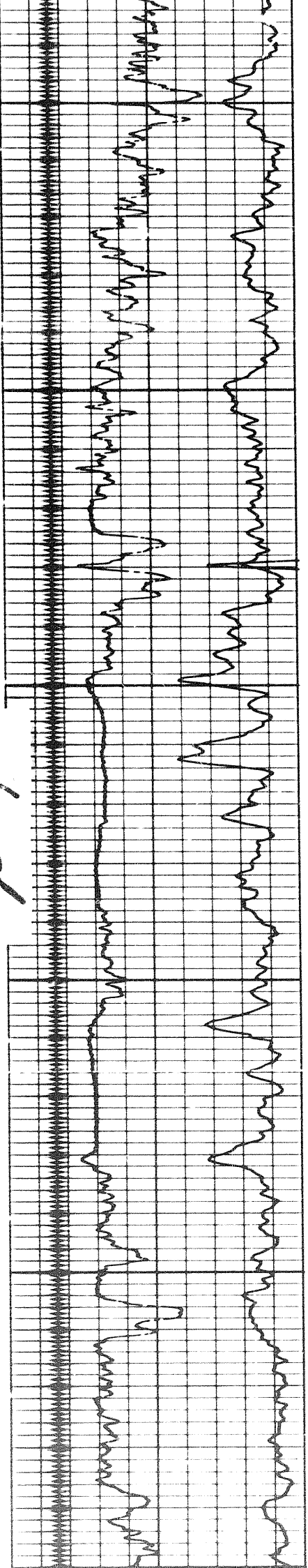




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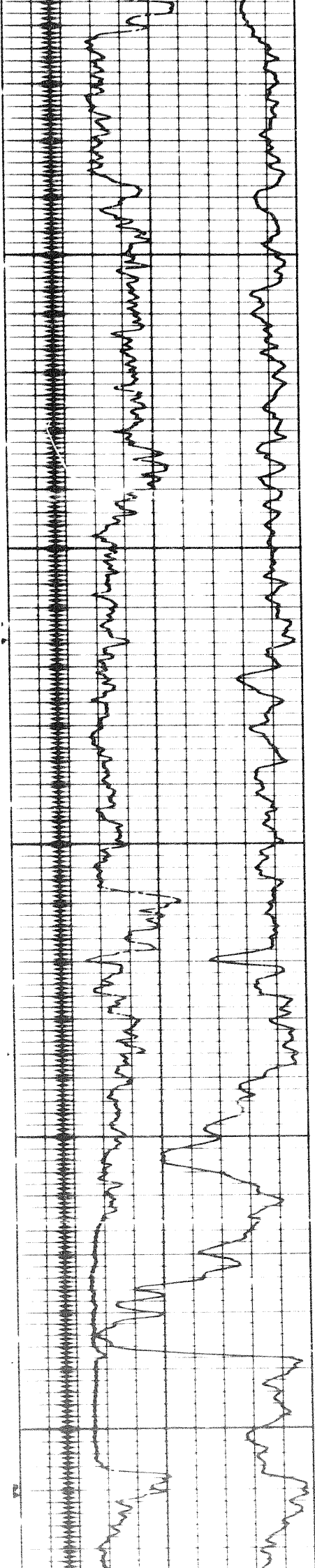
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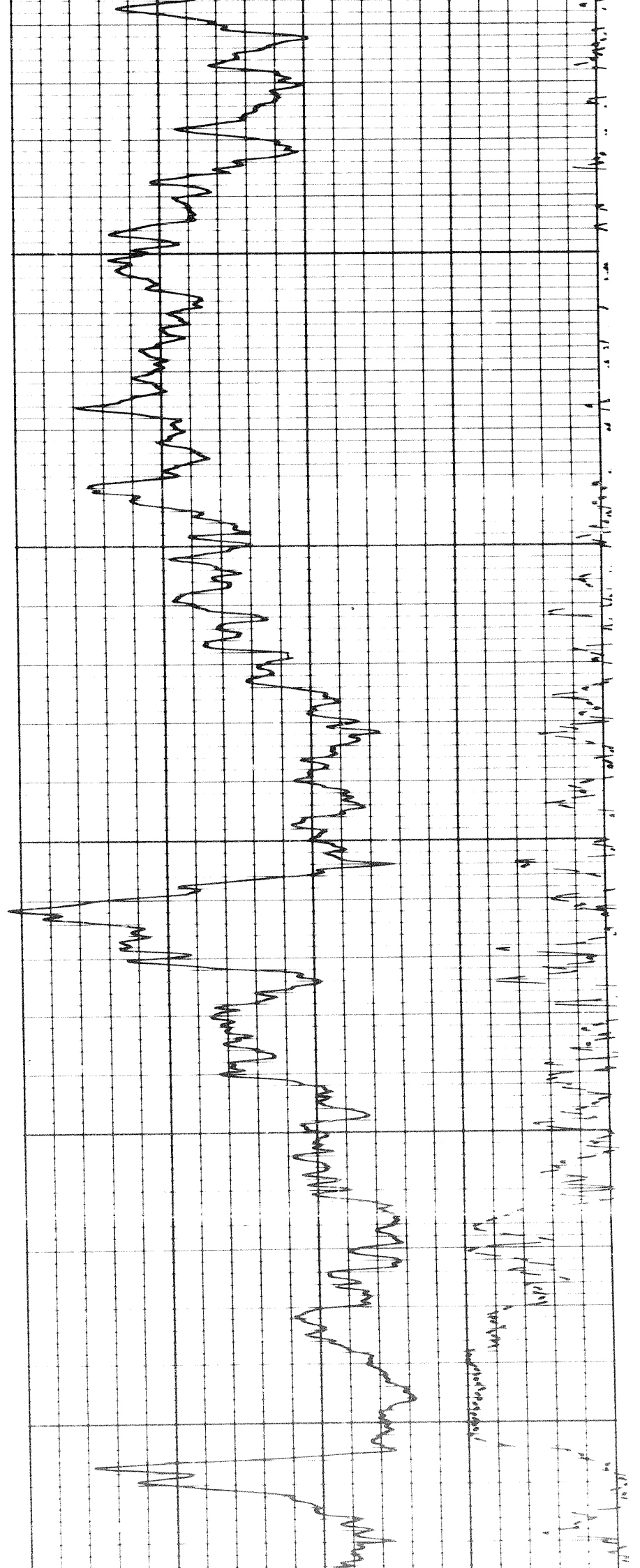
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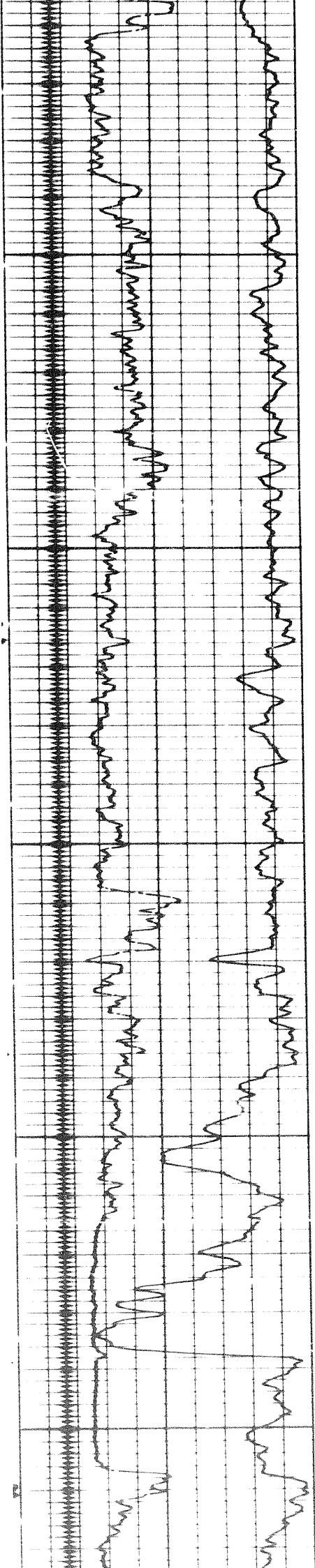




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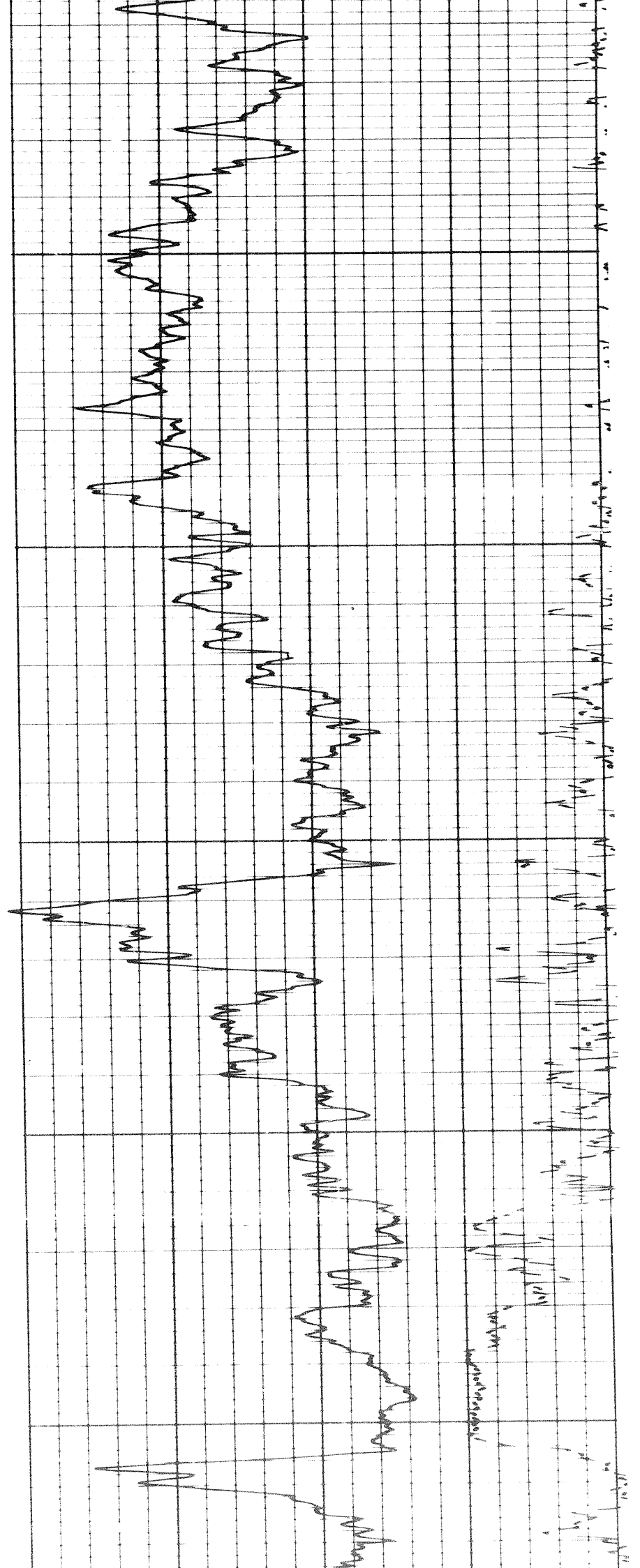
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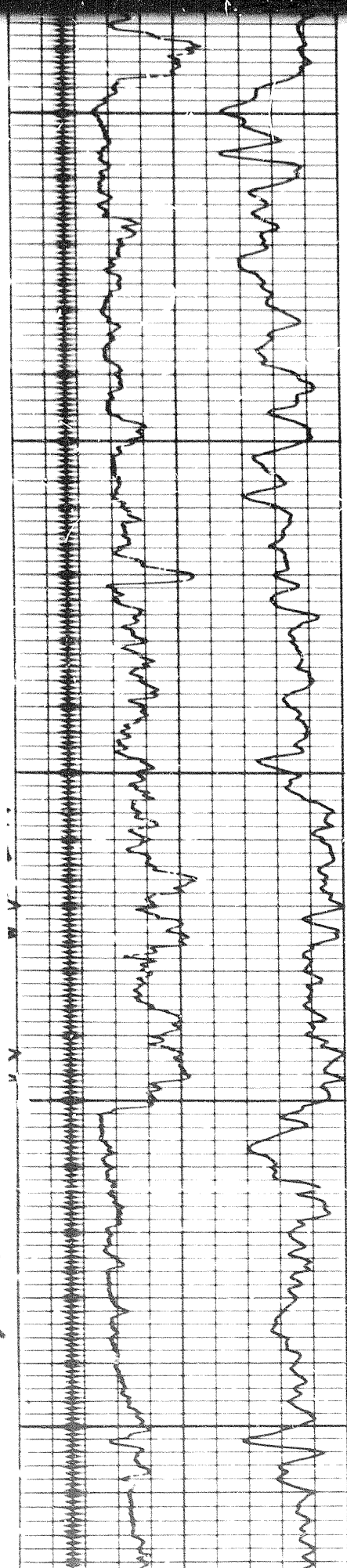
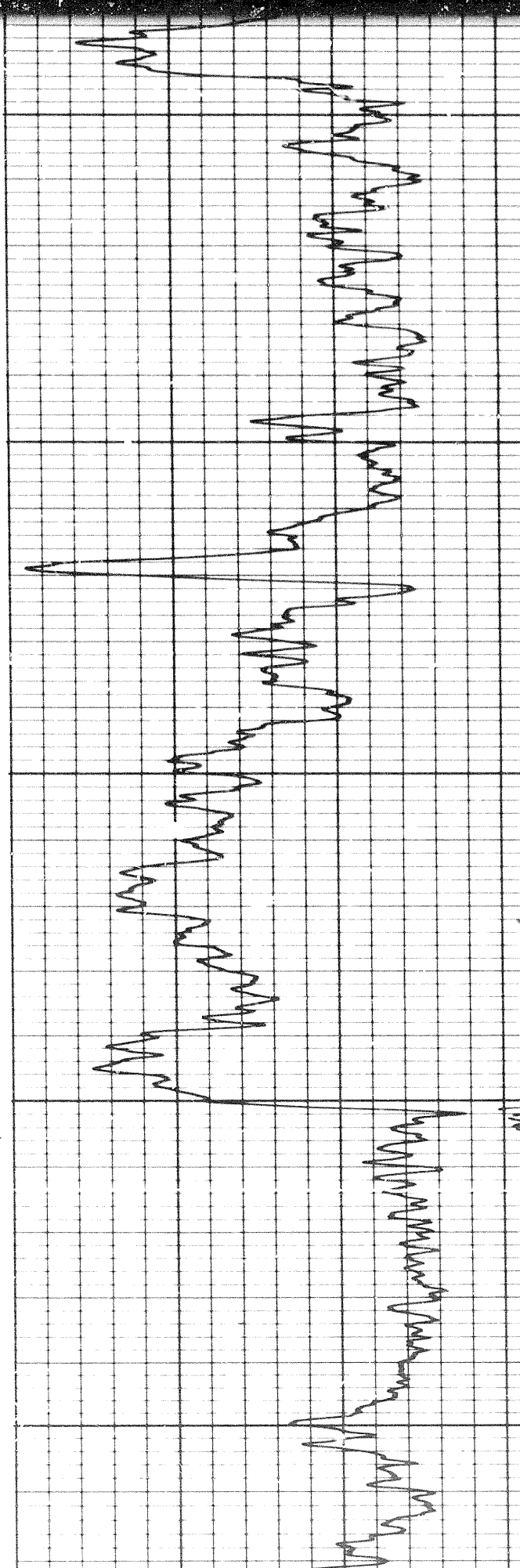


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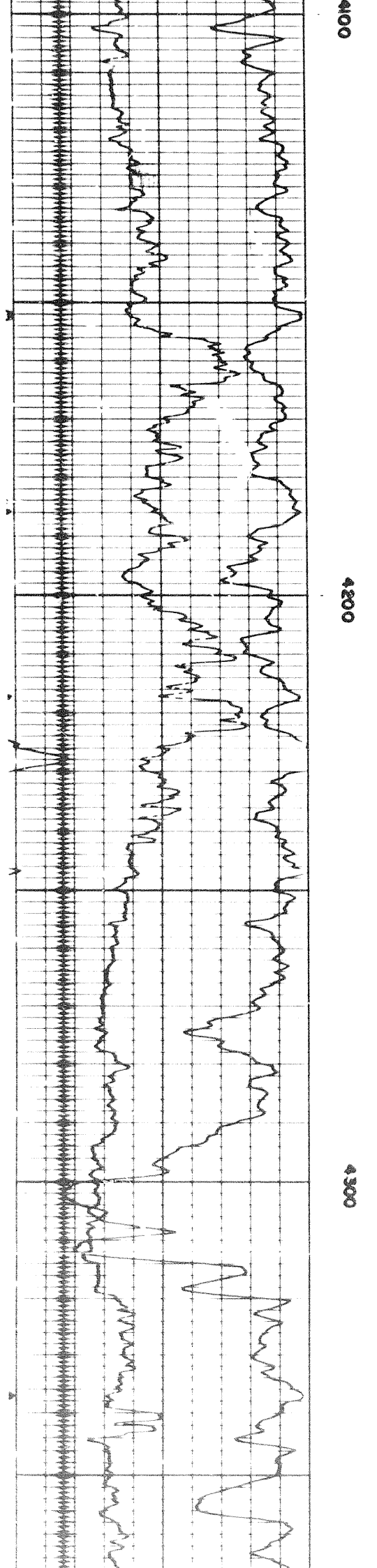
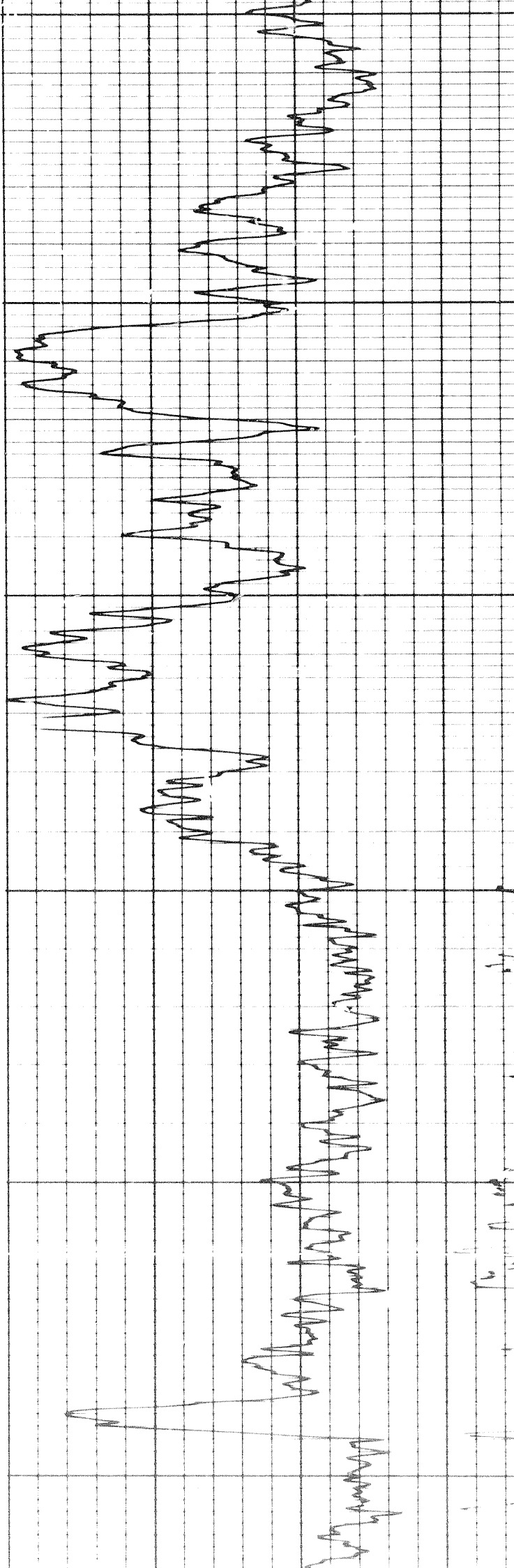


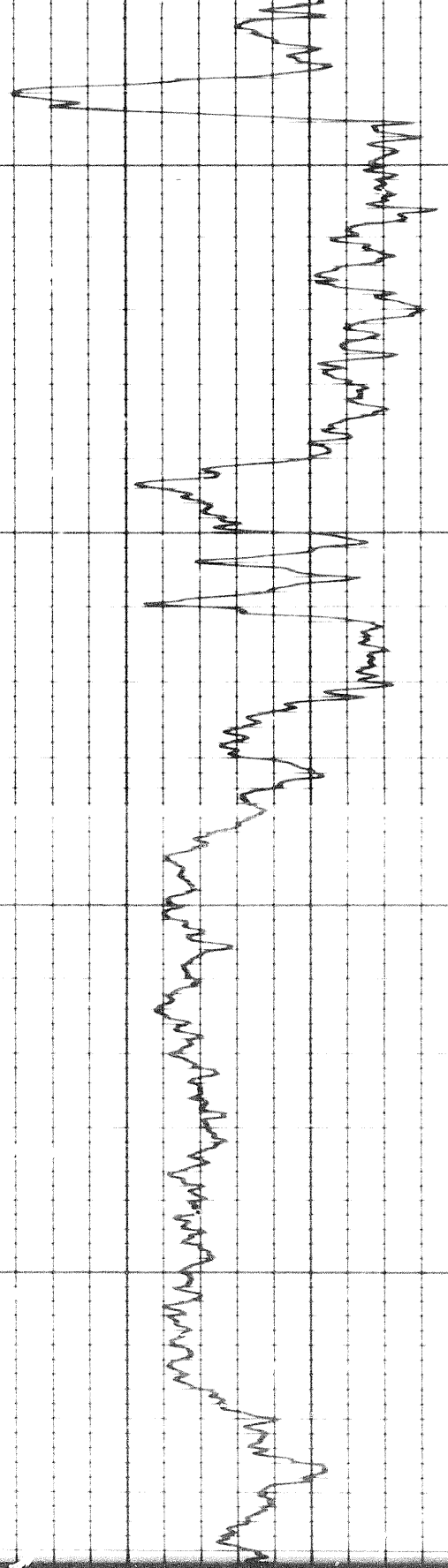
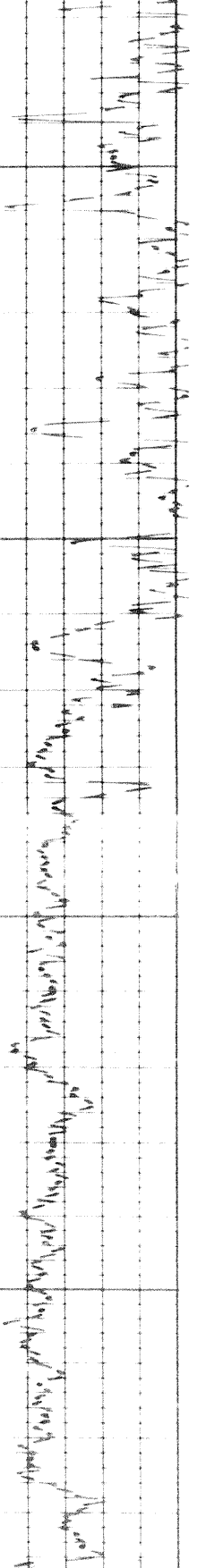
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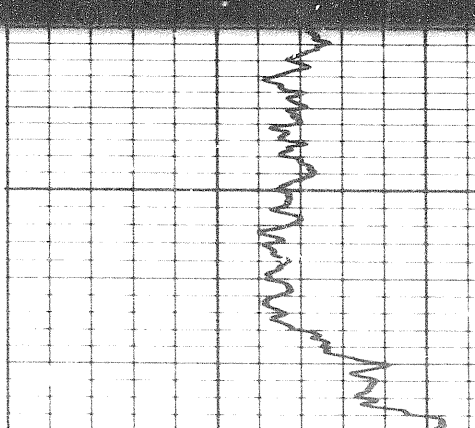
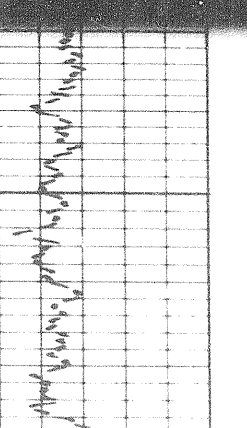
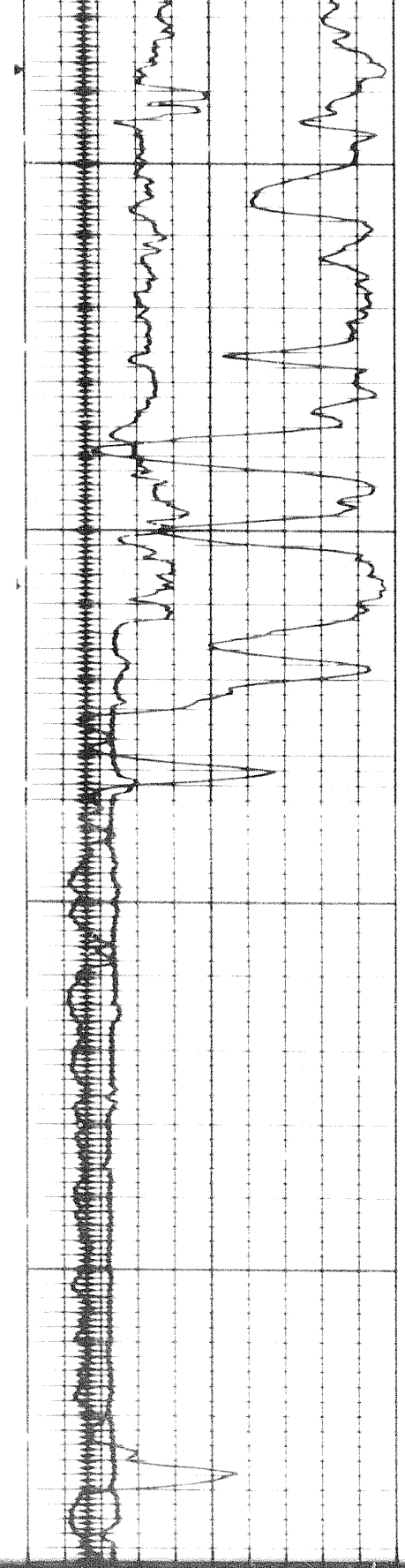
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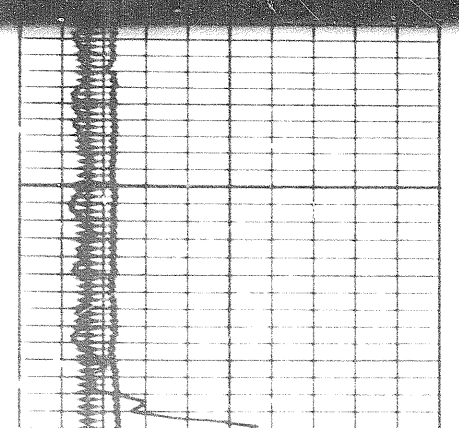


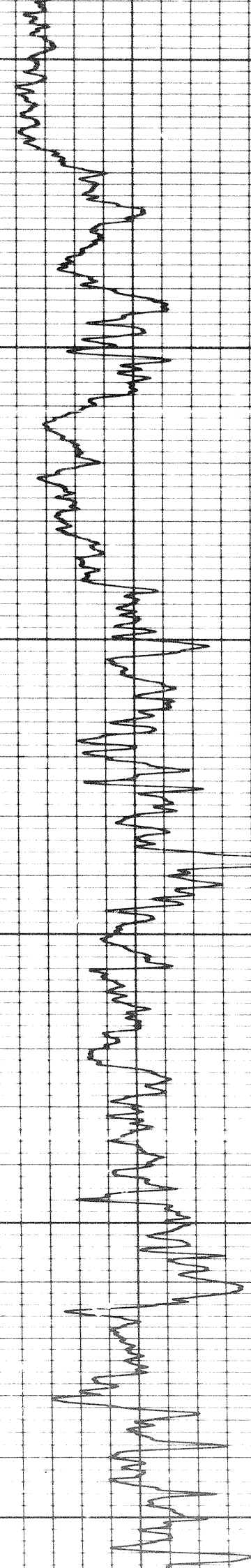
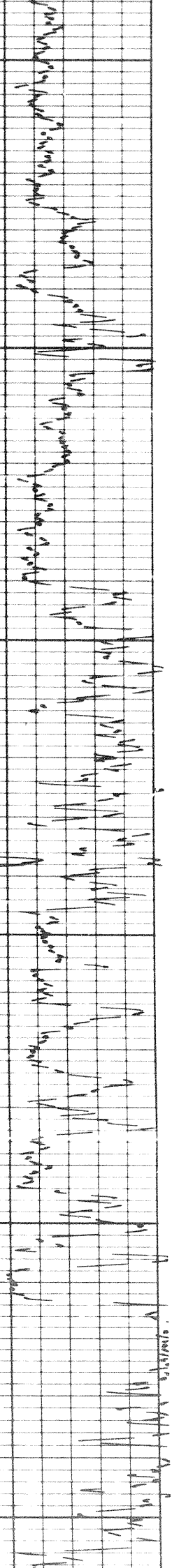
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4500

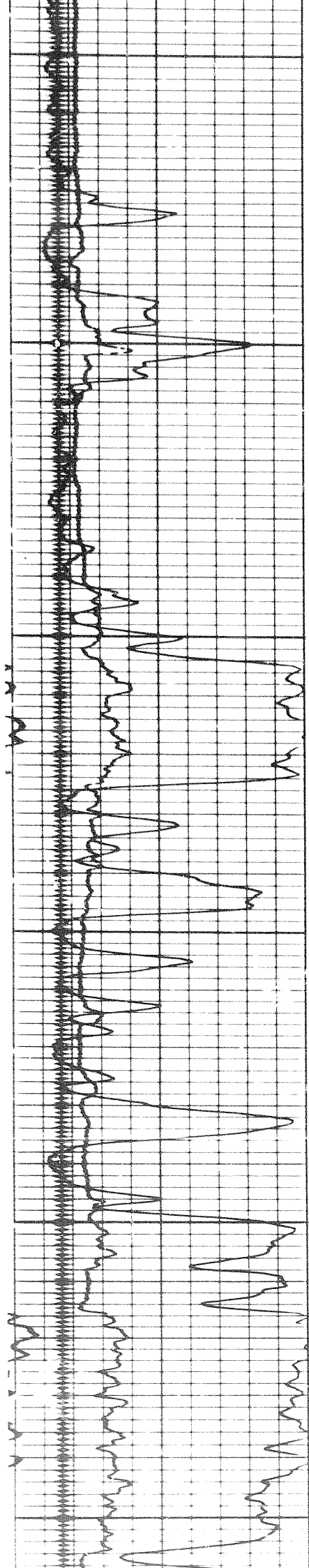




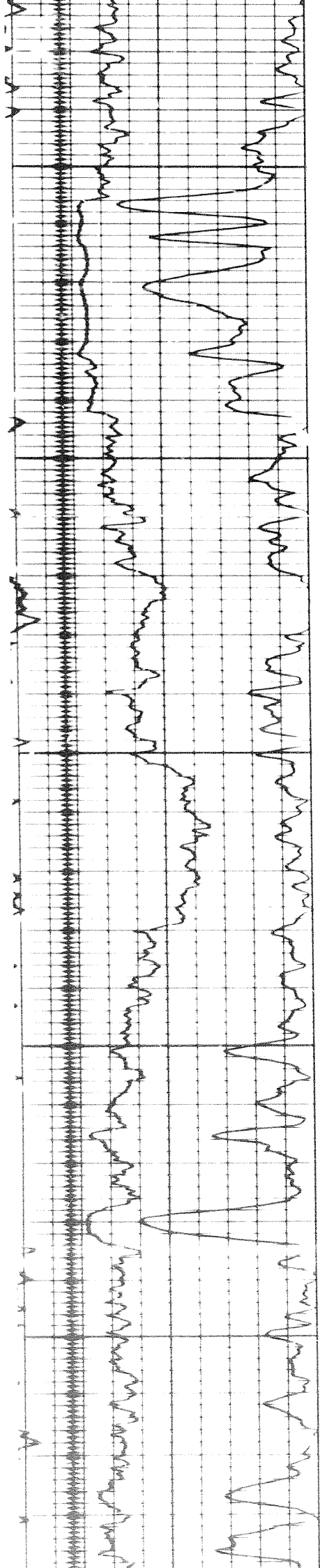
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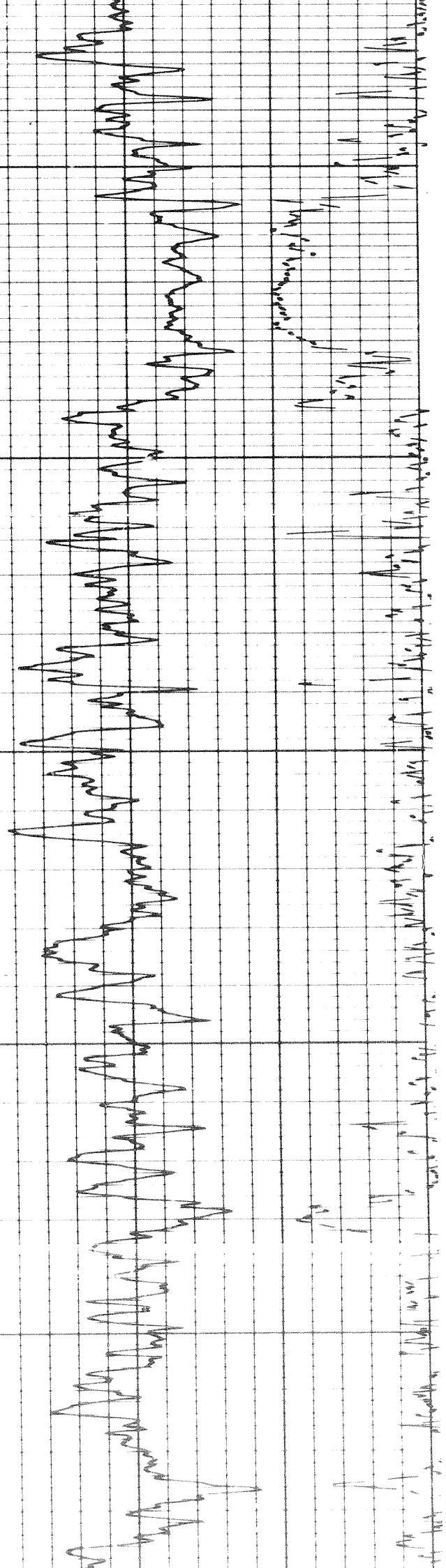


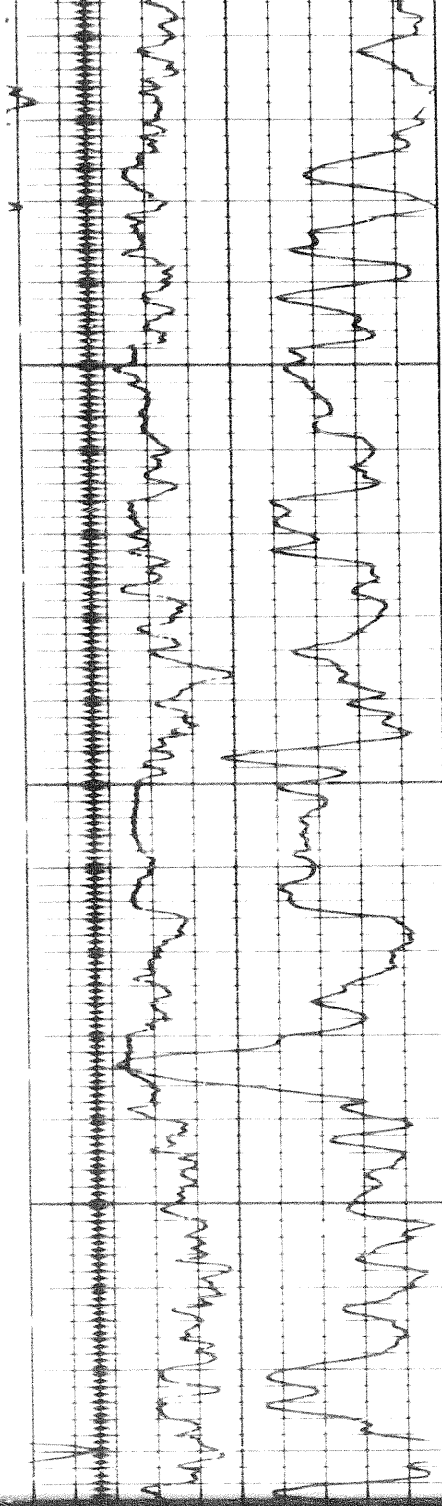
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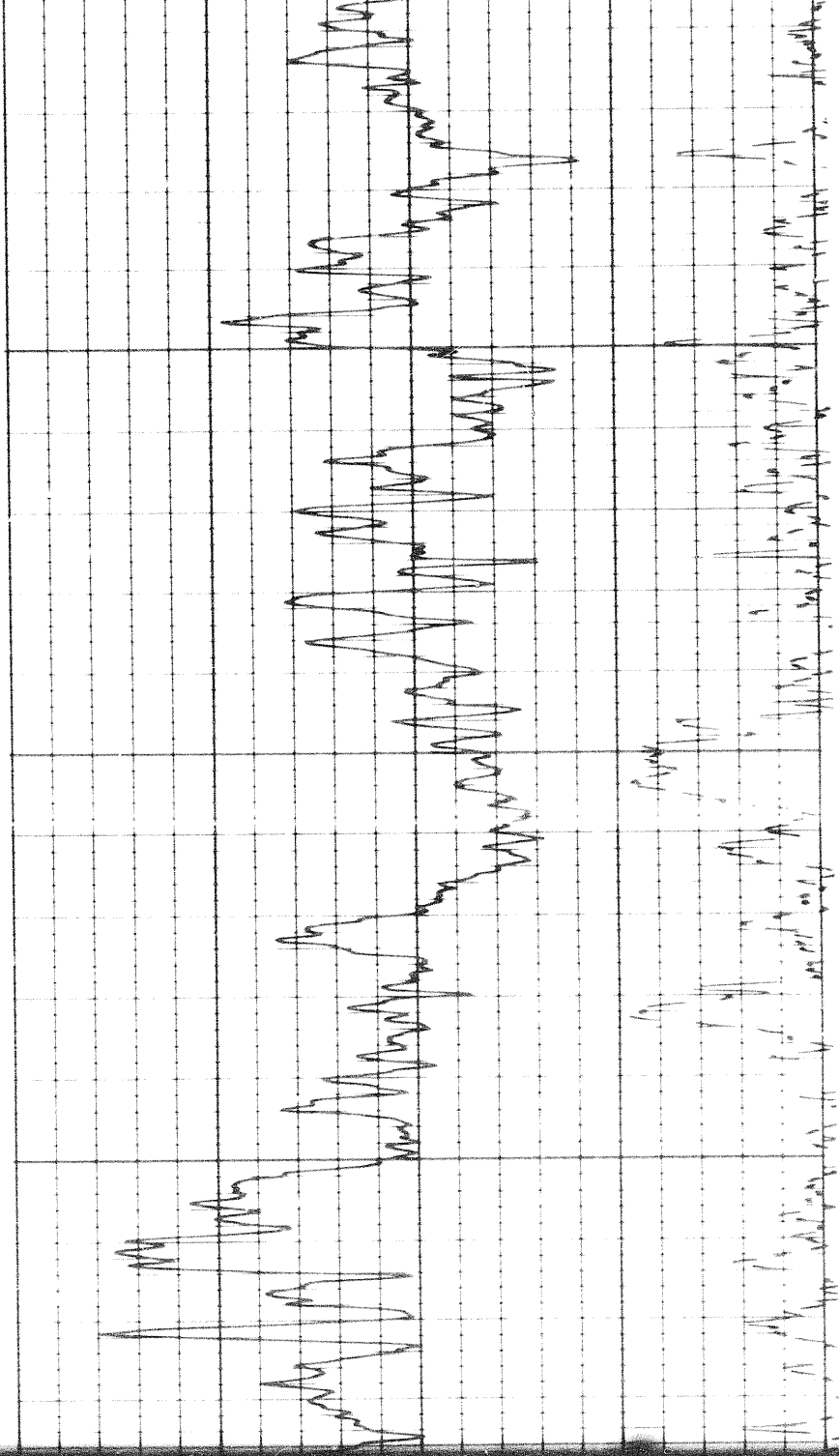
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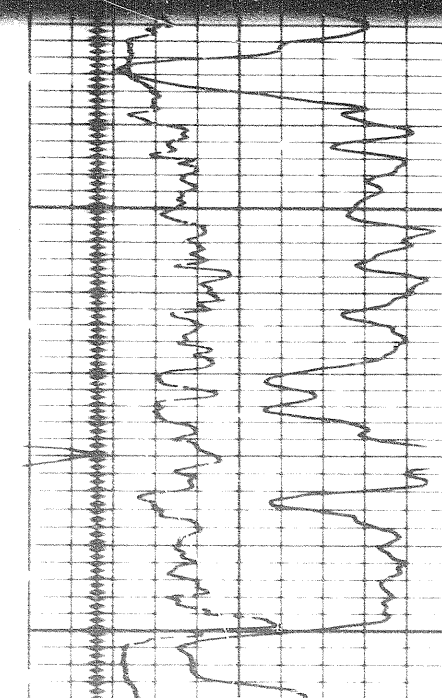




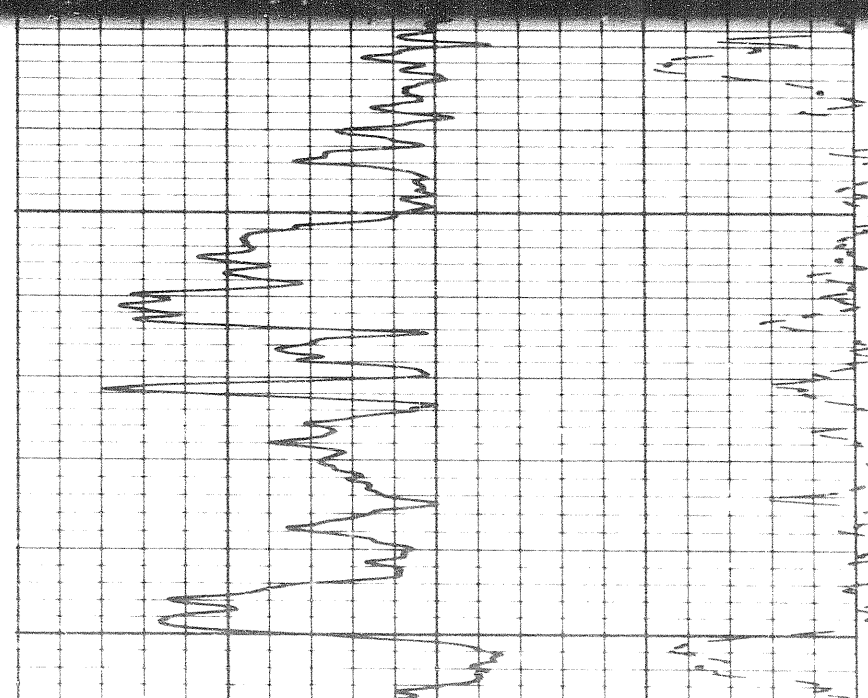
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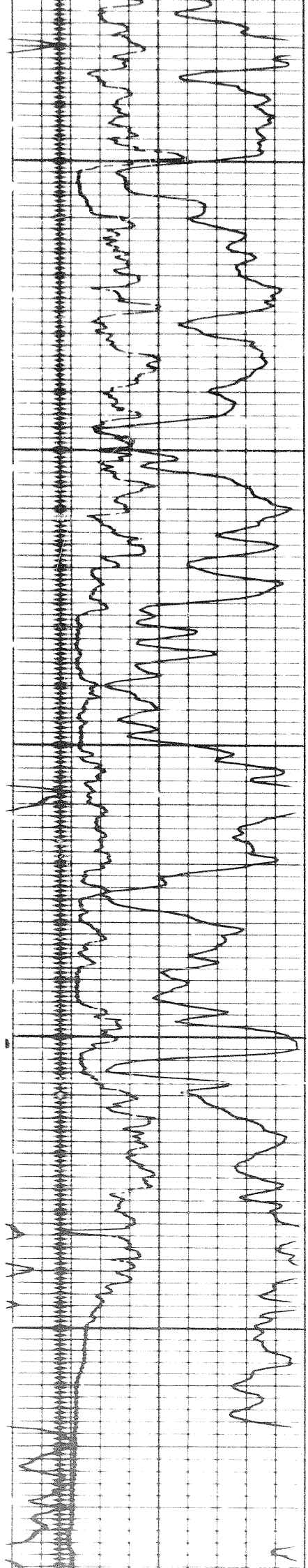


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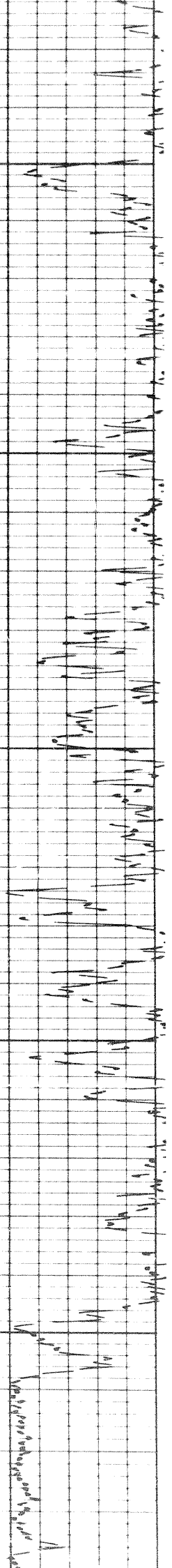
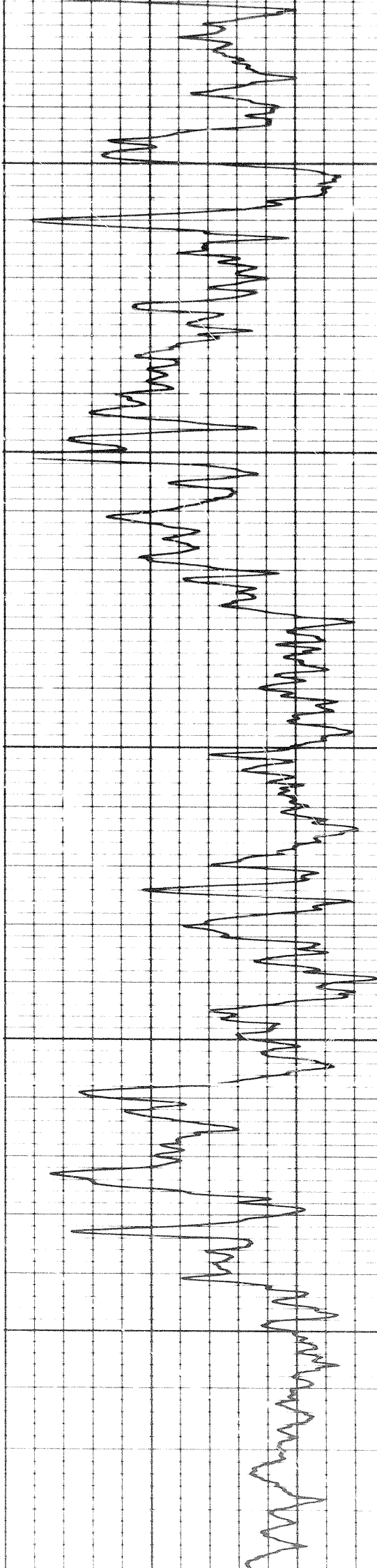


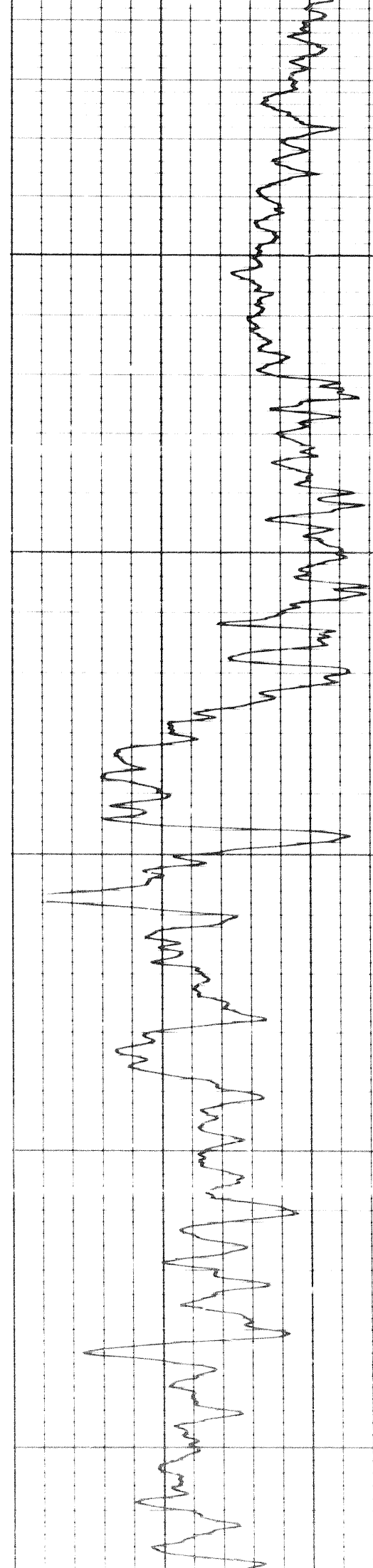
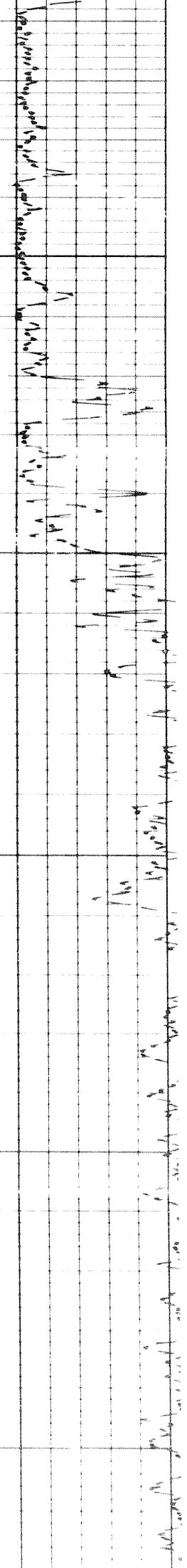
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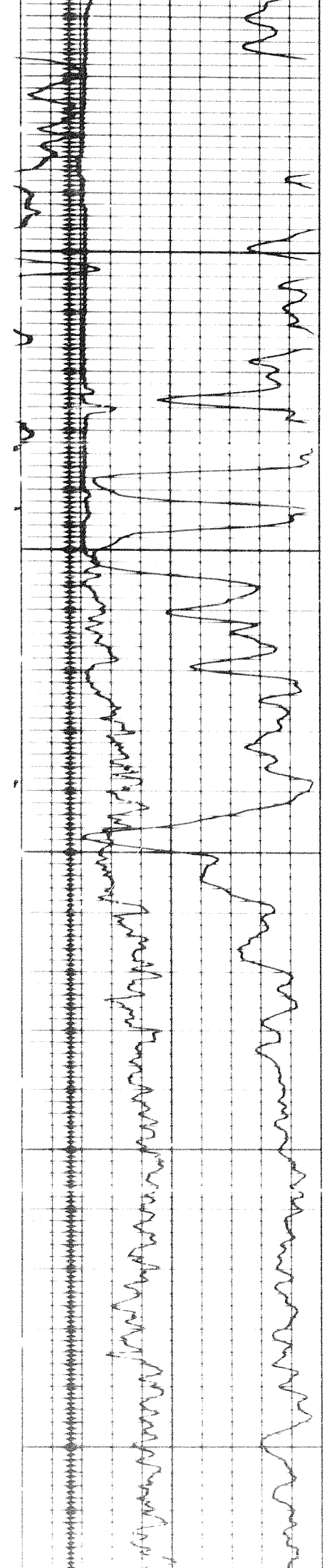




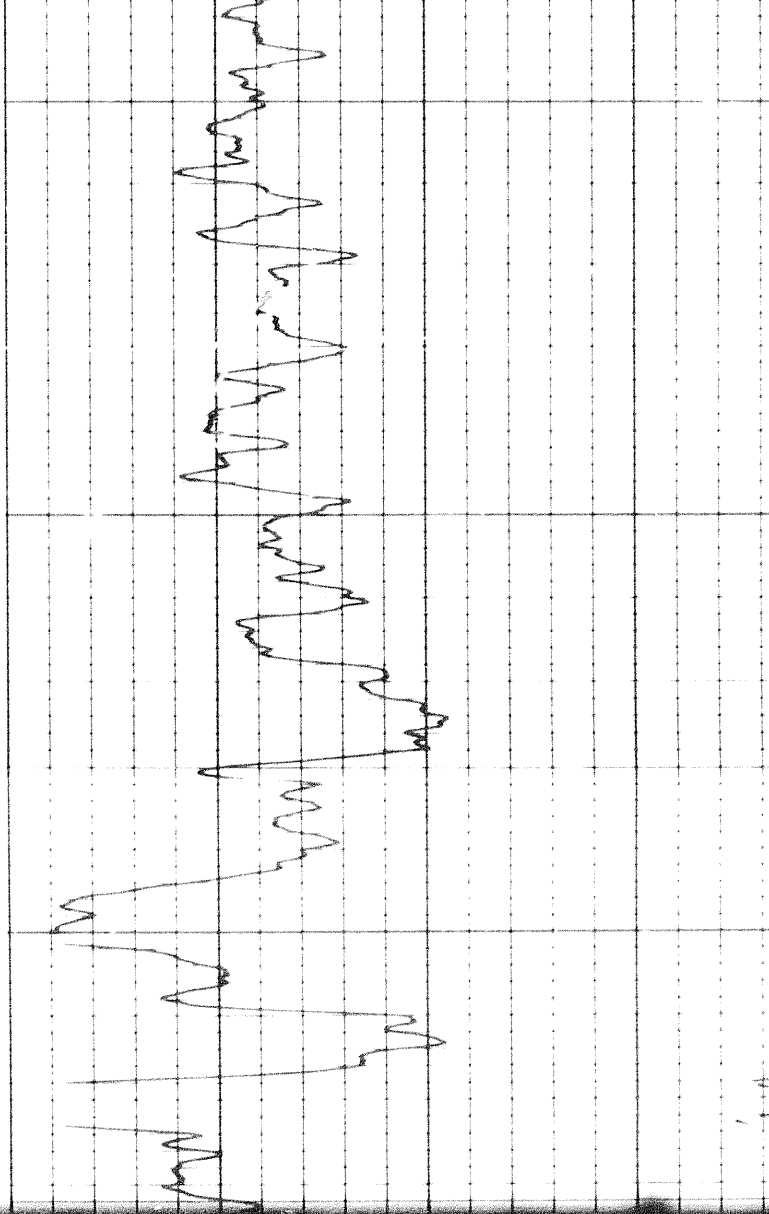
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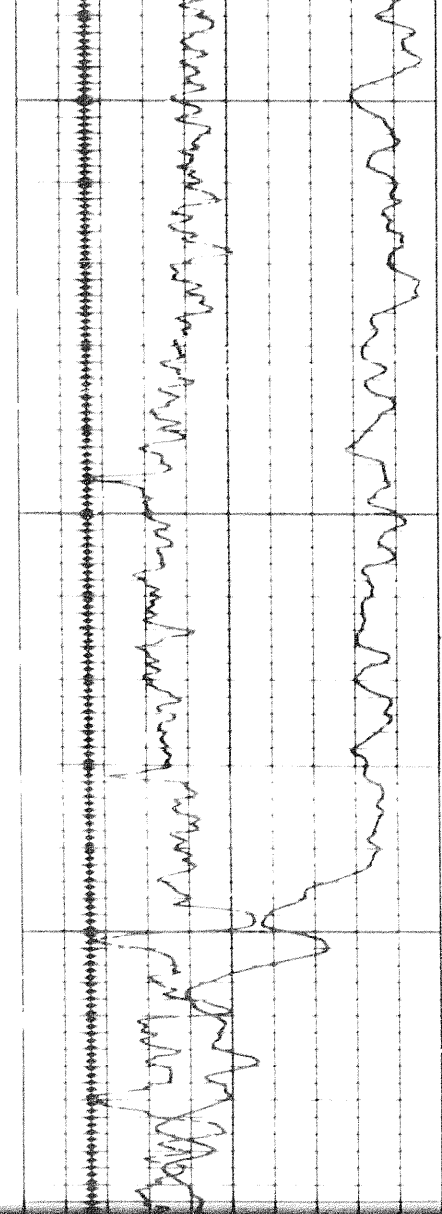


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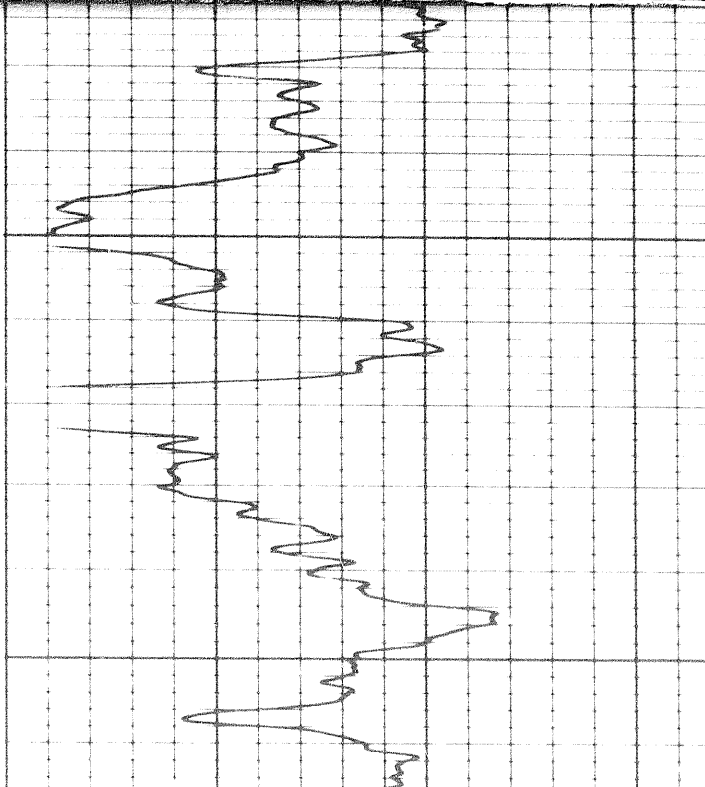


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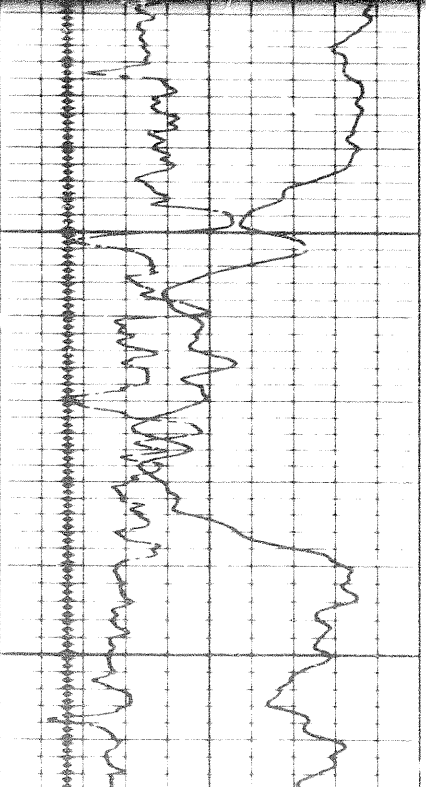
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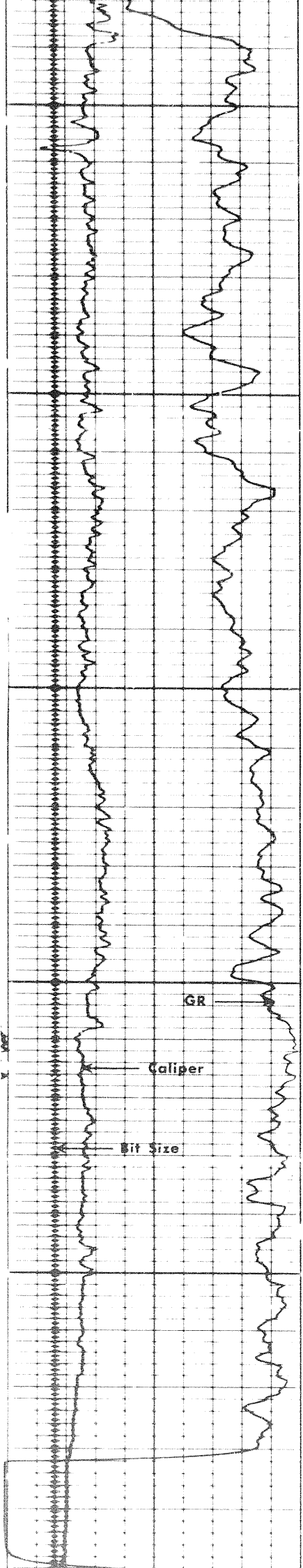
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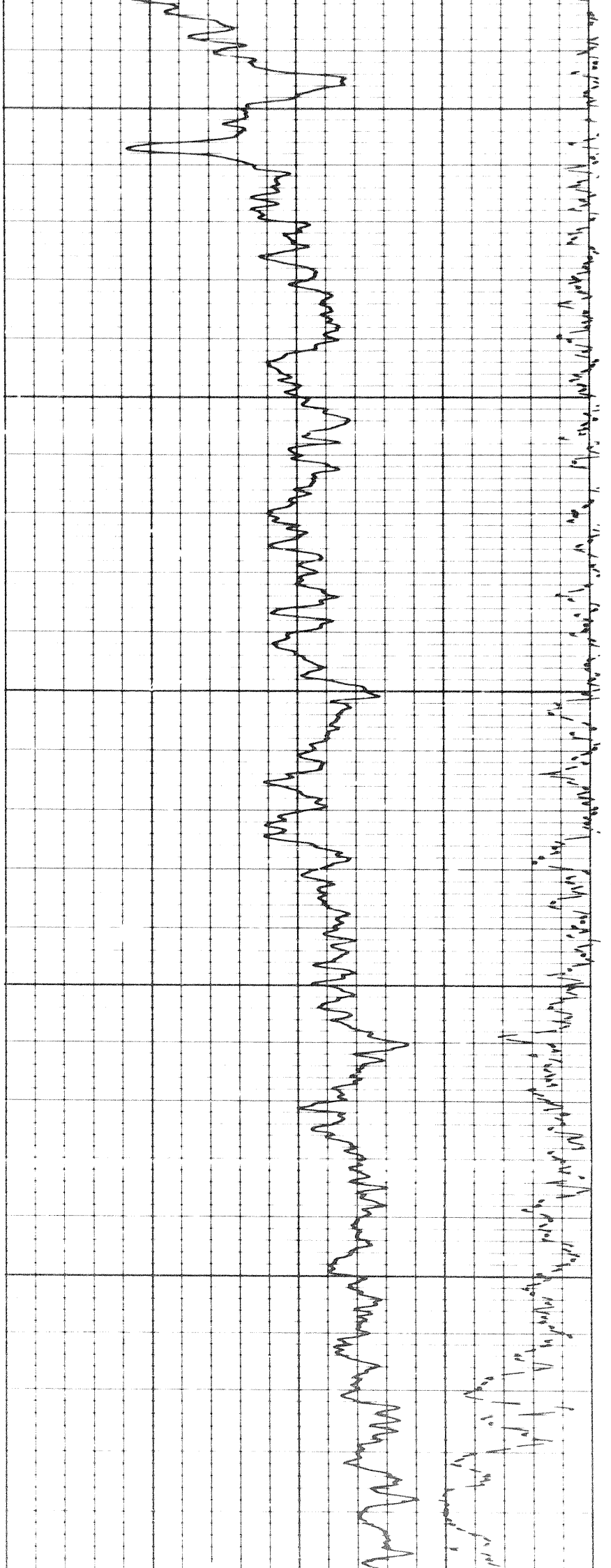


1007

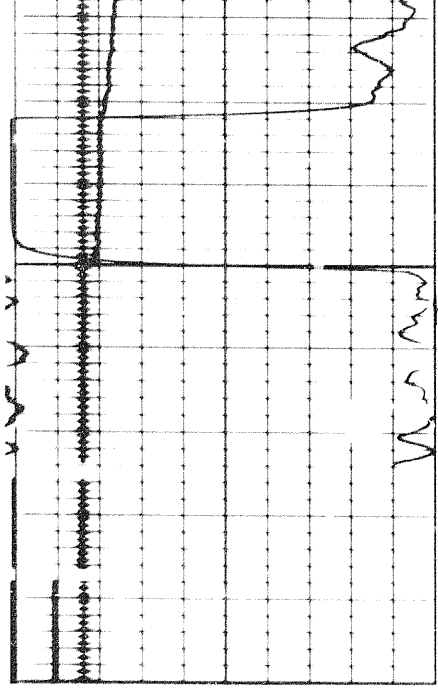


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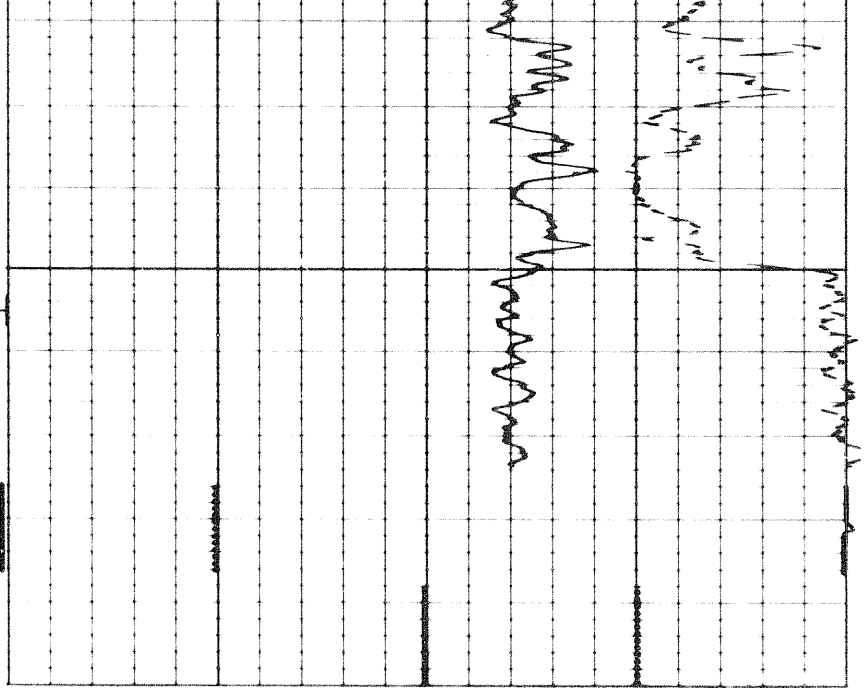
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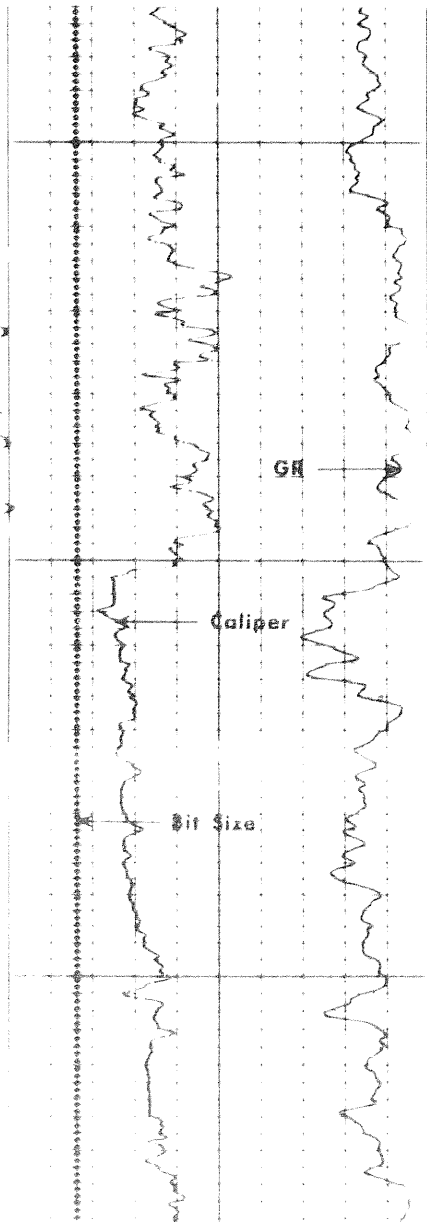
60



6000

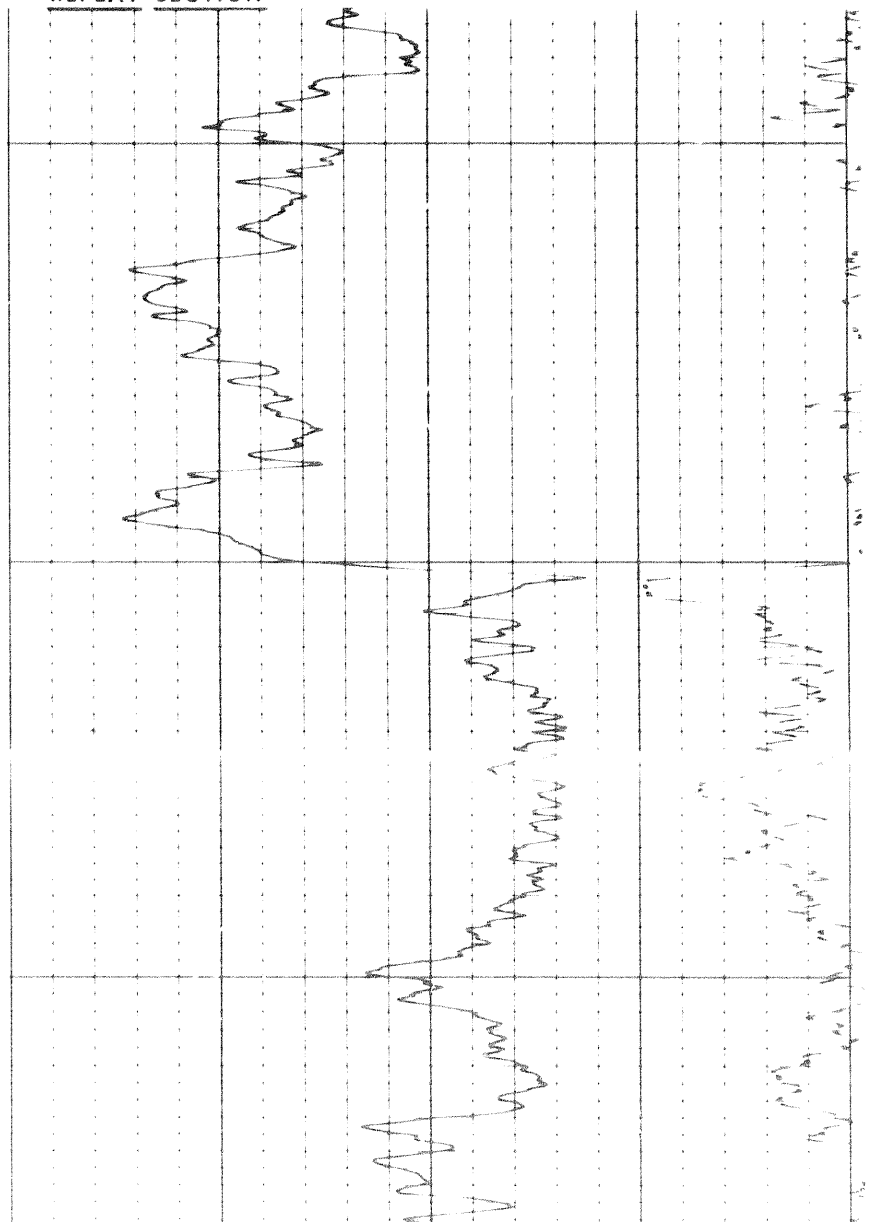


REPEAT SECTION

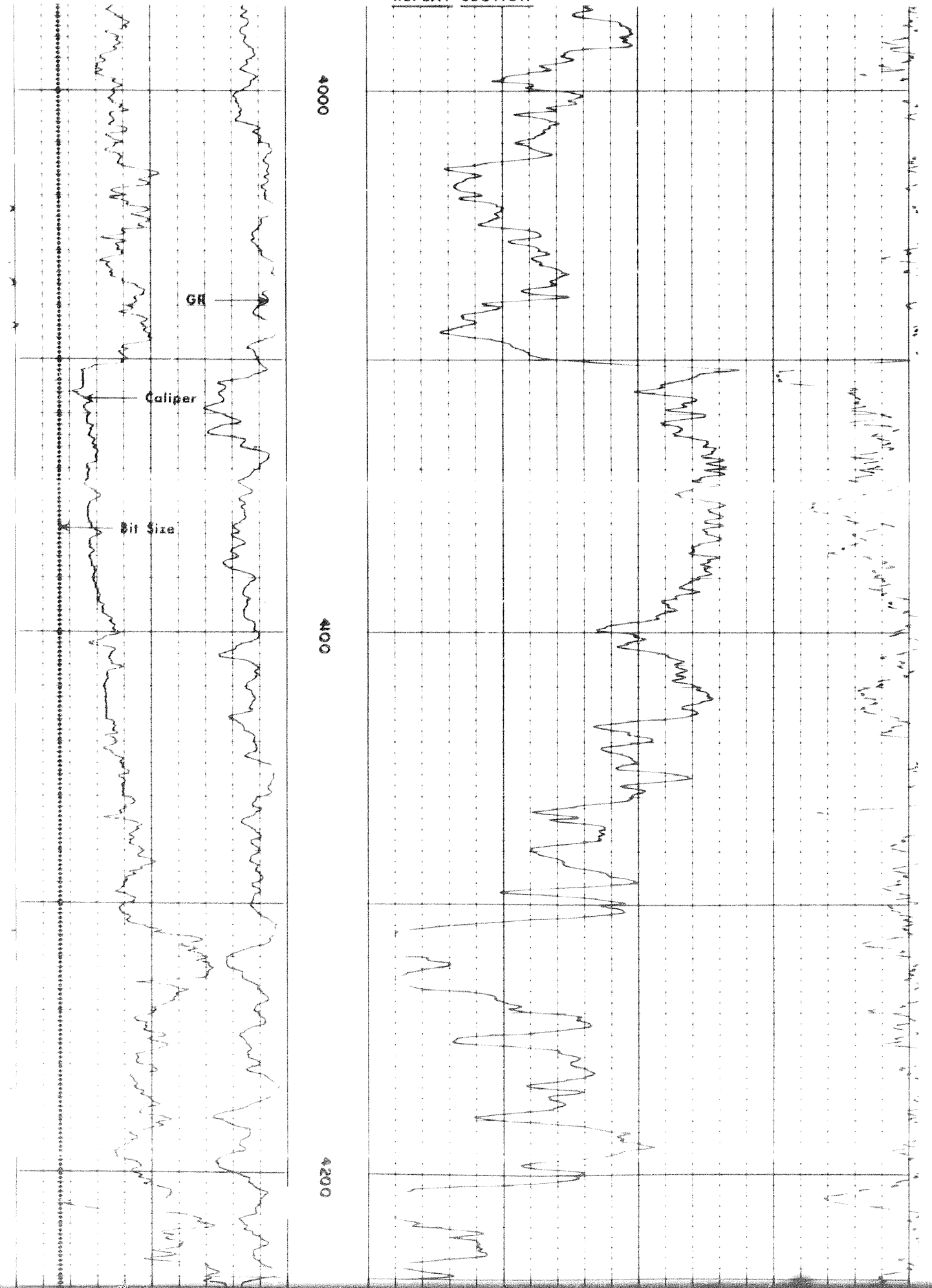


4000

4000



REPEAT SECTION



4000

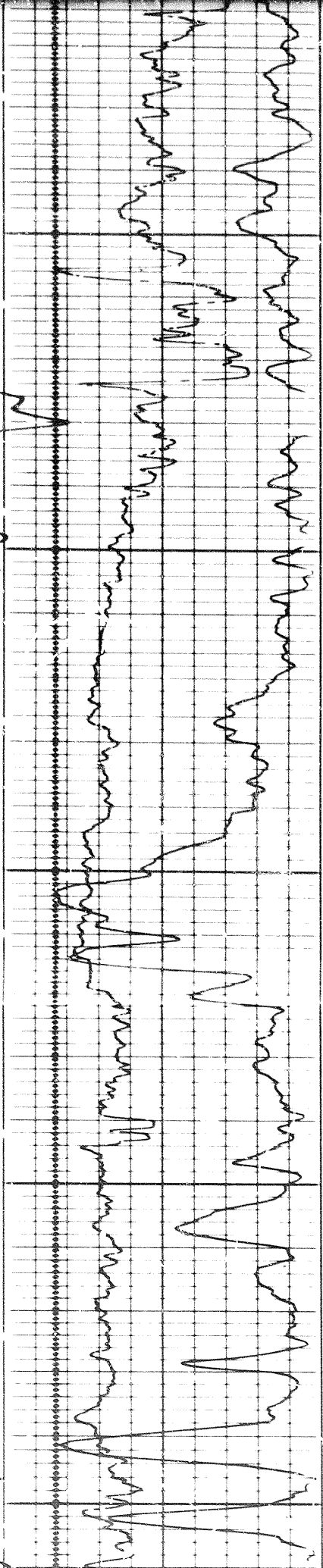
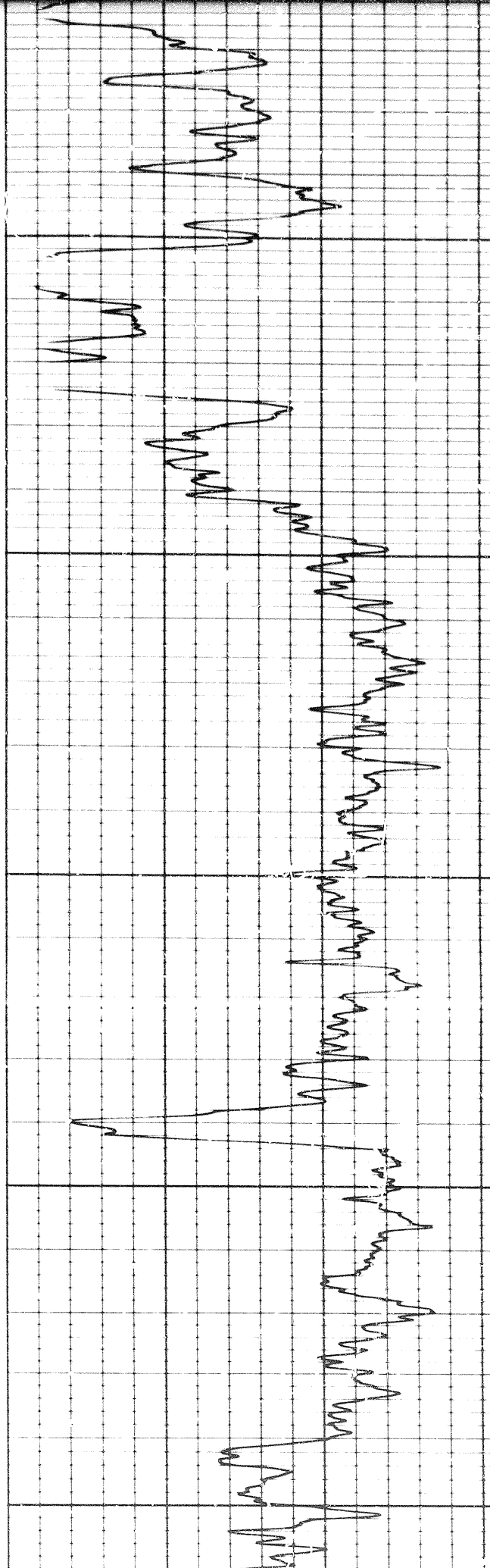
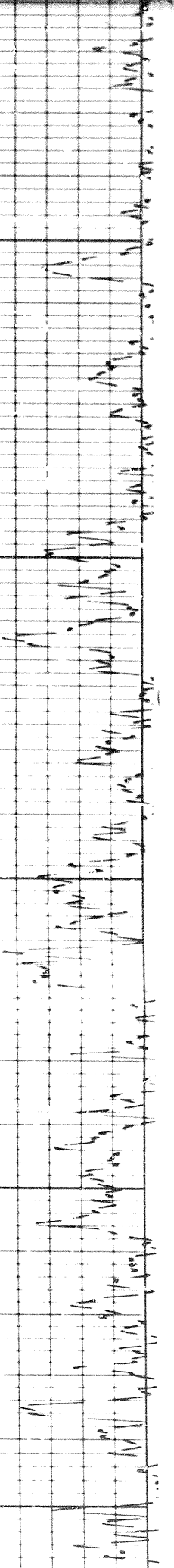
4100

4200

GR

Caliper

Bit Size

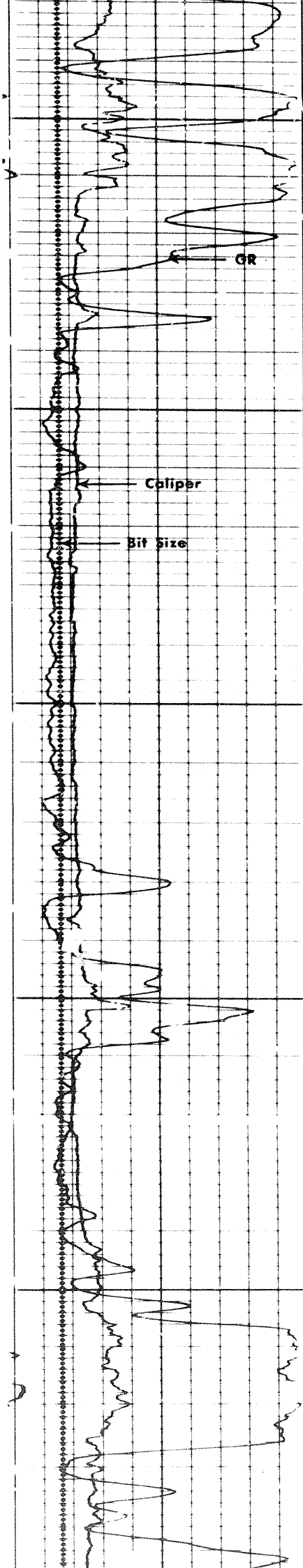


4200

4300

4400

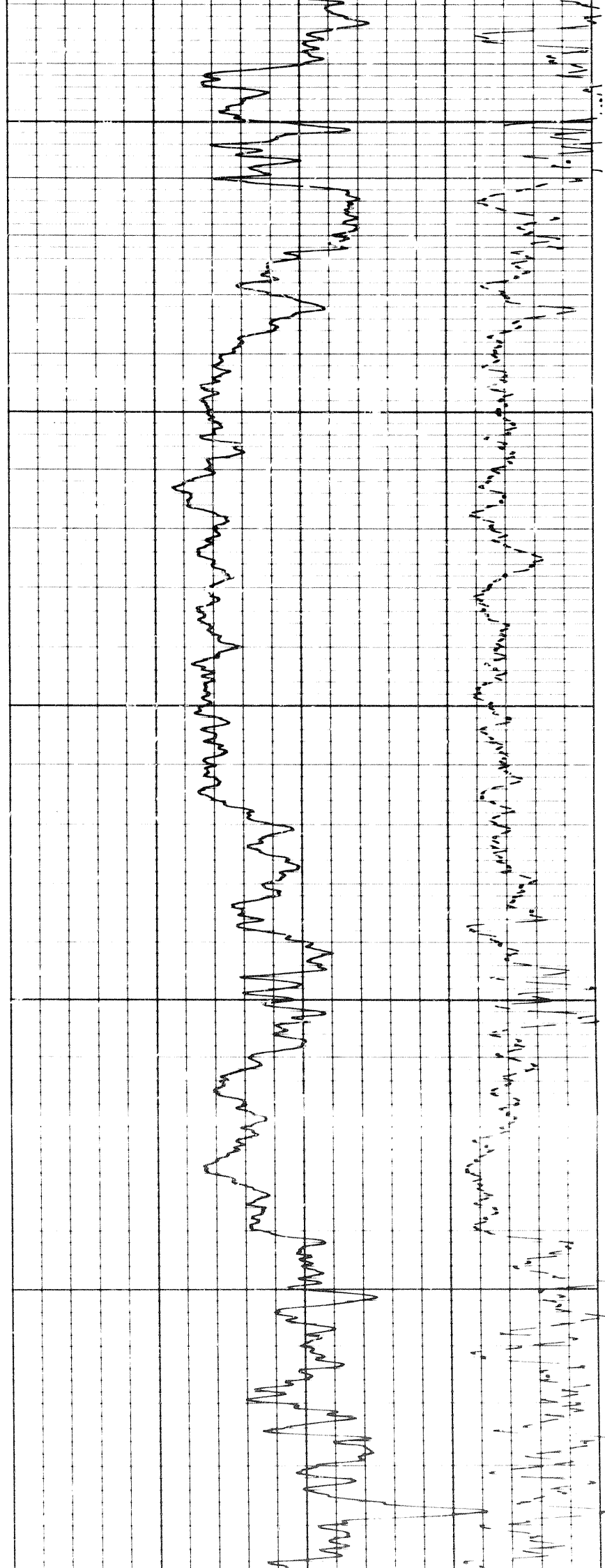
11 of



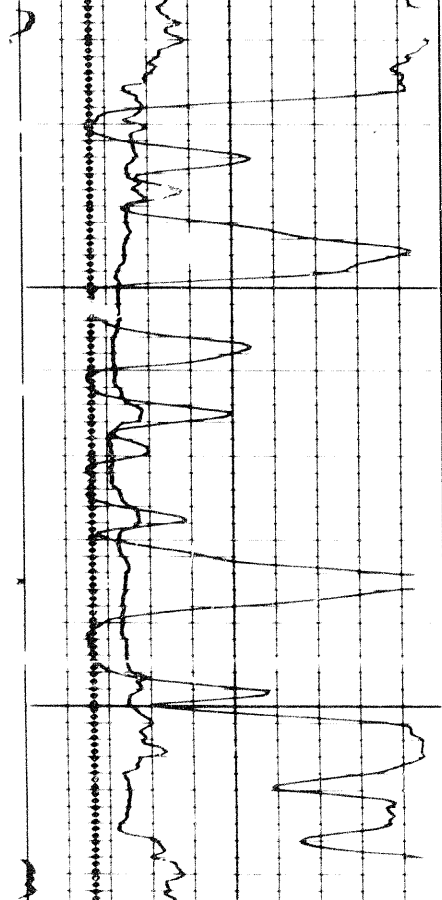
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4500

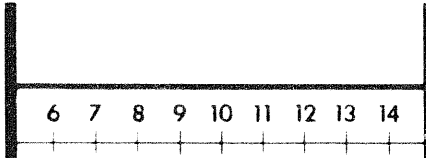
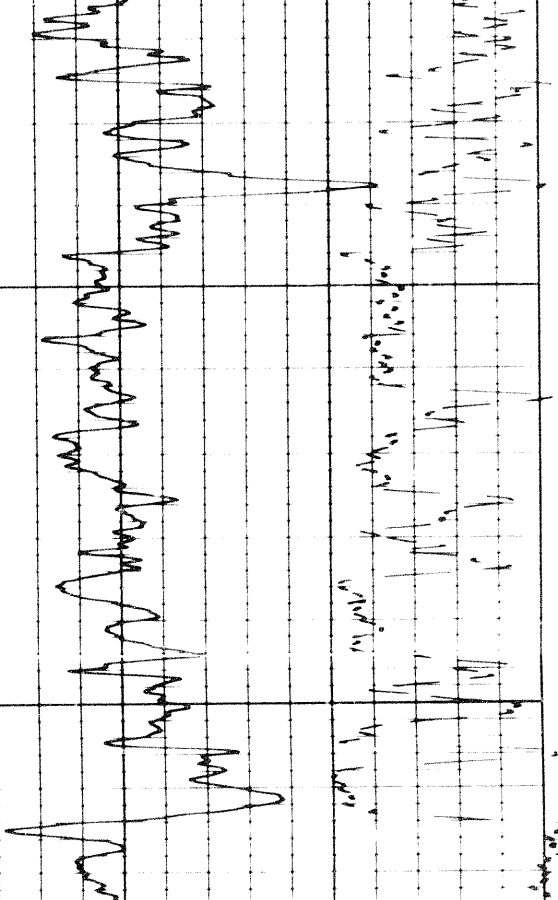
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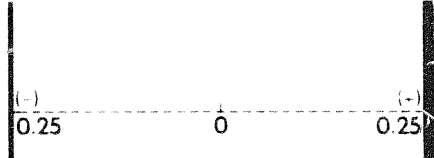


4700

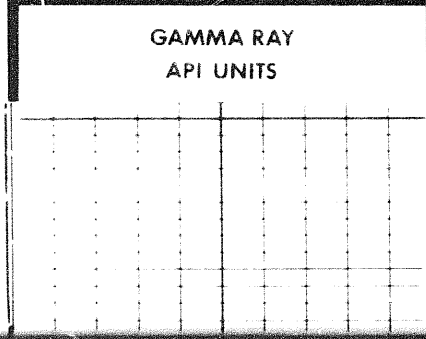


CALIPER  
hole diameter in inches

Sens. 300 T.C. 2  
Zero 0 div. to left  
Speed in FPM  
120 240



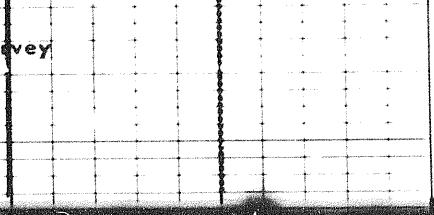
DENSITY CORRECTION  
Δρ - gm/cc



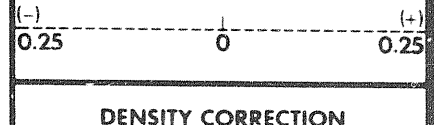
GAMMA RAY  
API UNITS

Sens. 300 T.C. 2  
Zero 0 div. to left  
Speed in FPM  
120 240

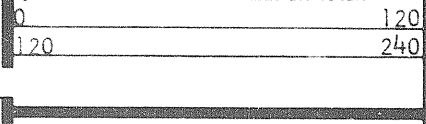
BULK DENSITY  
 $\rho_b$  - gm/cc



DENSITY CORRECTION  
Δρ - gm/cc



DENSITY CORRECTION  
Δρ - gm/cc



GAMMA RAY  
API UNITS

Sens. 300 T.C. 2  
Zero 0 div. to left  
Speed in FPM  
120 240

DEPTHS

DE

2.0

2.5

3.0

2.0

2.5

3.0

hole diameter in inches

$\Delta P - \text{gm/cc}$

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

120 240

2.0

2.5

3.0

Speed in FPM

GAMMA RAY  
API UNITS

DEPTHS

BULK DENSITY  
 $\rho_b - \text{gm/cc}$

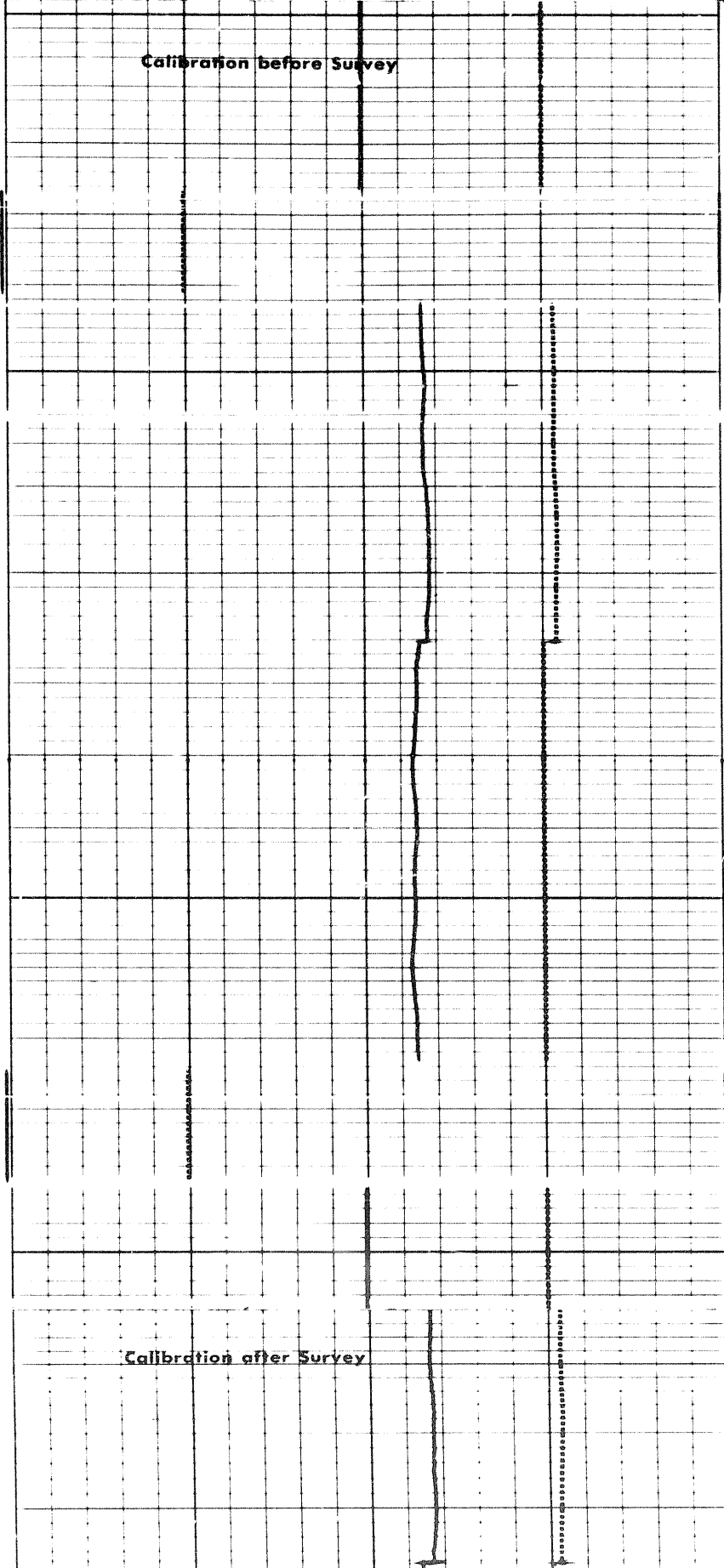
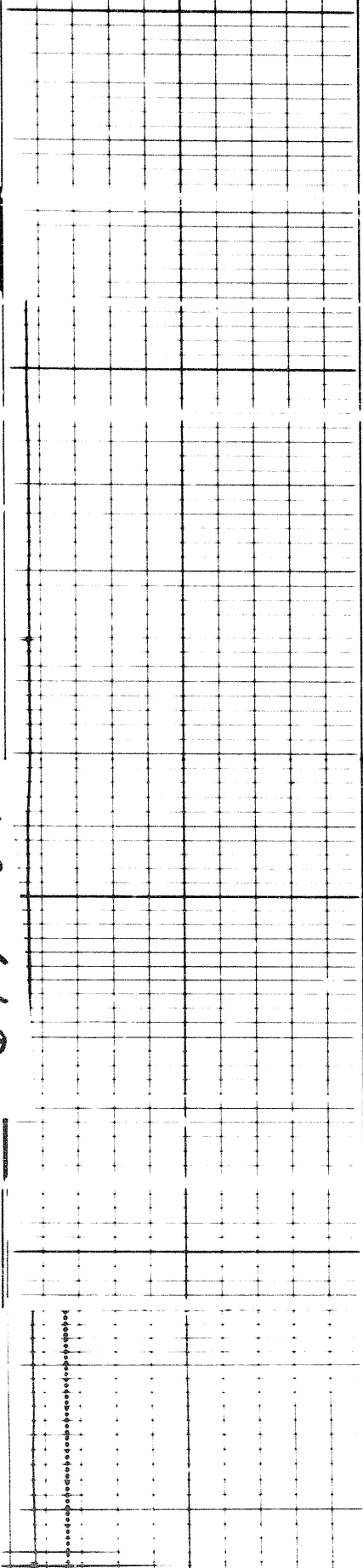
Calibration before Survey

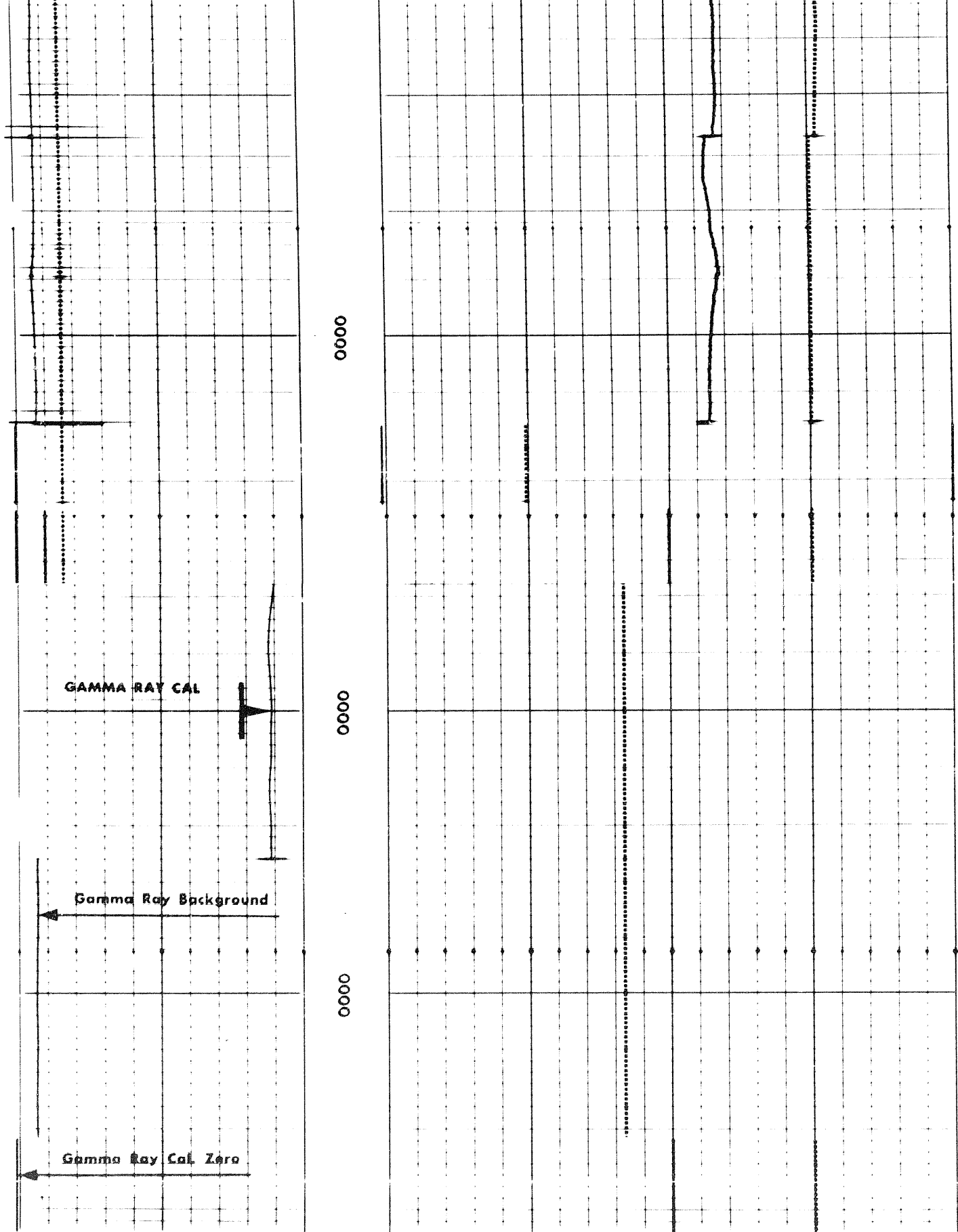
0100

0010

Calibration after Survey

12 of 12





COMPANY

SHELL CANADA LIMITED

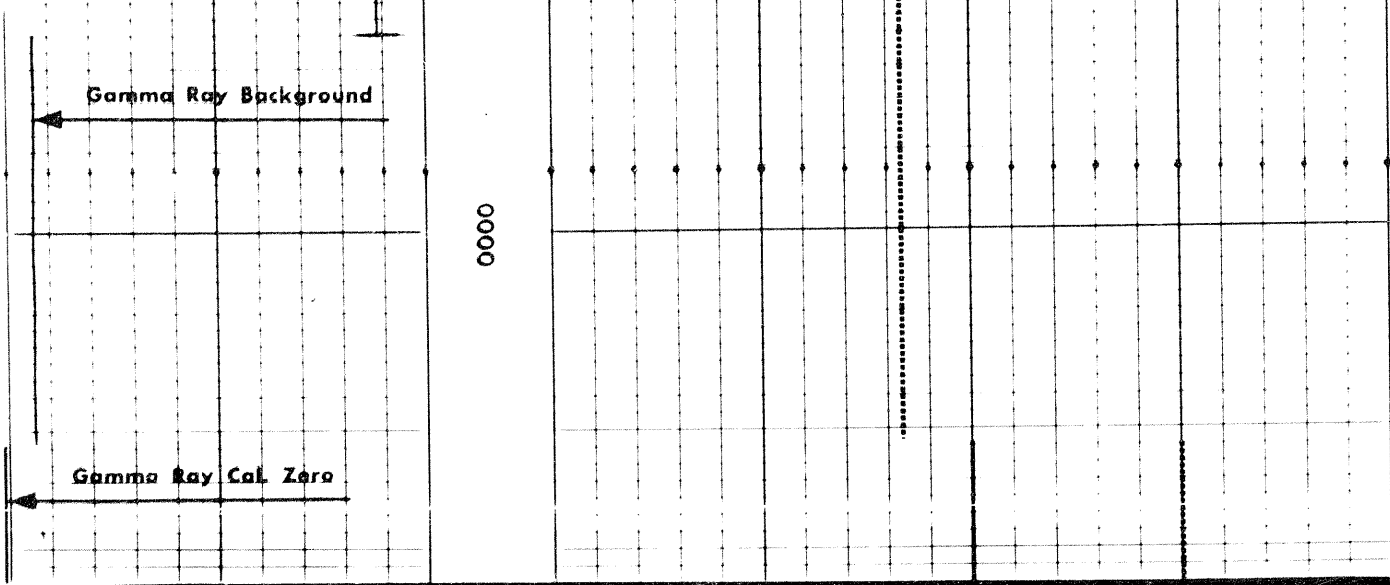
WELL

SHELL PEEL RIVER 71 L-1

FIELD

WILCOX PROVINCE ALBERTA

**SCHLUMBERGER**



COMPANY SHELL CANADA LIMITED



WELL SHELL PEEL RIVER T1 L-1

FIELD WILDCA. PROVINCE YUKON

