

# SCHLUMBERGER

COMPENSATED  
**FORMATION DENSITY LOG**  
SCHLUMBERGER OF CANADA Calgary, Alberta

PROVINCE YUKON TERRITORIES  
FIELD WILDCAT  
WELL MCD GCO NORTHUP TAYLOR LAKE YT K-15  
COMPANY J RAY McDERMOTT & CO INC.

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WELL MCD GCO NORTHUP TAYLOR LAKE YT

K-15

FIELD WILDCAT

PROVINCE YUKON TERRITORIES

LOCATION

65° 54' 39" N LAT  
130° 03' 00" W LONG

Other Services:  
IES, SLC-GR  
CDM, MLC

Permanent Datum GL Elev. 1525  
Log Measured From KB 13 Ft. Above Perm. Datum

ELEV: KB 1538  
GL 1525  
CBF

Date 22 MAR 69

Run No. ONE

First Reading 7799

Last Reading 905

Feet Measured 6894

Depth Reached 7801

Bottom Driller 7804

Csg. SOC 905

Csg. Driller 900

Mud Nature POLYMER

Dens. Visc. 9.2 41

Mud pH 9.5

Water Loss 12.4

Res. RMKS @ 64 °F

Rmf 1.98 @ 64 °F

@ BHT 0.68 @ 188 °F

Rmc 0.81 @ 56 °F

ppm-Cl

Bit Size 8 3/4"

Source to Detector 16"

Spacing

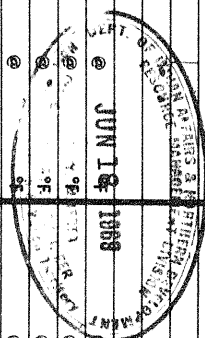
Equipment Type PGT-D

Opt. Rig Time 6 HRS

Truck No. DSU B2

Recorded By ARMENIAN

Witness HALKOV & BRITTON



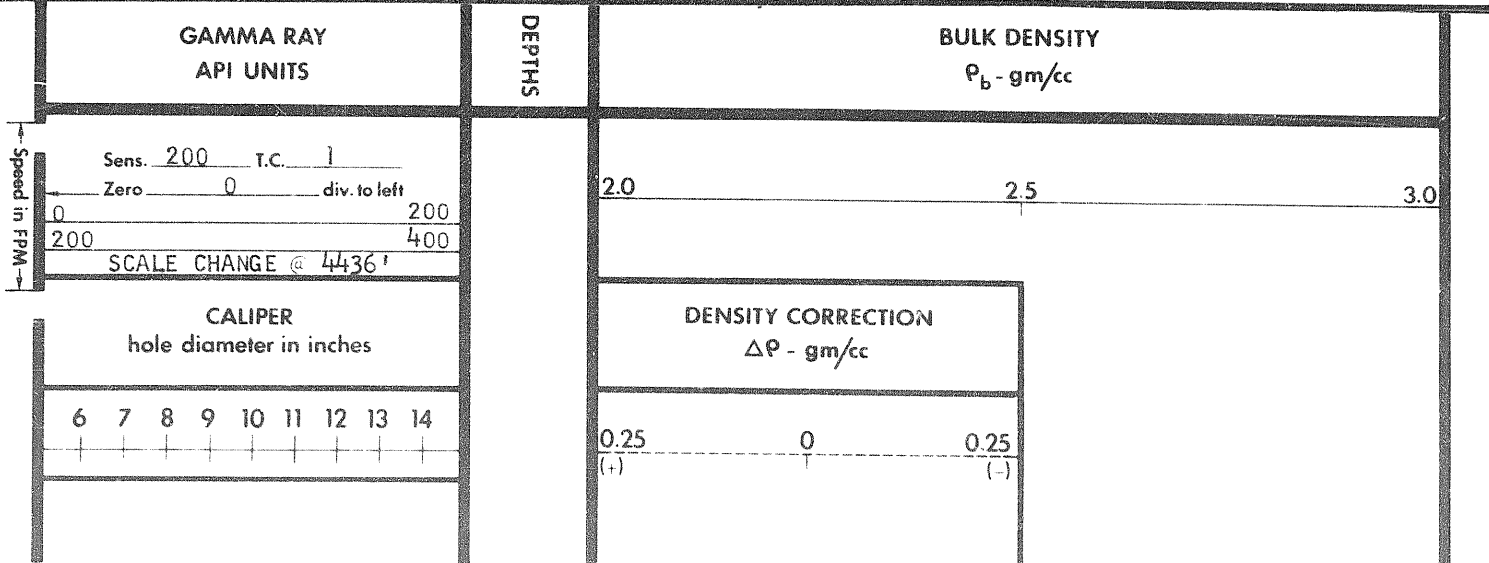
4/29/69 CAL PLF

REMARKS  
Drilling Stopped 2345 / 21st : Circulation Stopped 1930 / 22nd : Tool on Bottom 1300 / 24th : 1st Run Service Order # 42668  
B.H.T. 188 °F

Panel No. D270  
Cartridge No. B 69  
Sonde No. E 12  
Detector No. D240

MUD SAMPLES: Rm#1 = 2.24 @ 60°F  
Rm#2 = 2.72 @ 59°F  
Rm#3 = 2.00 @ 58°F

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



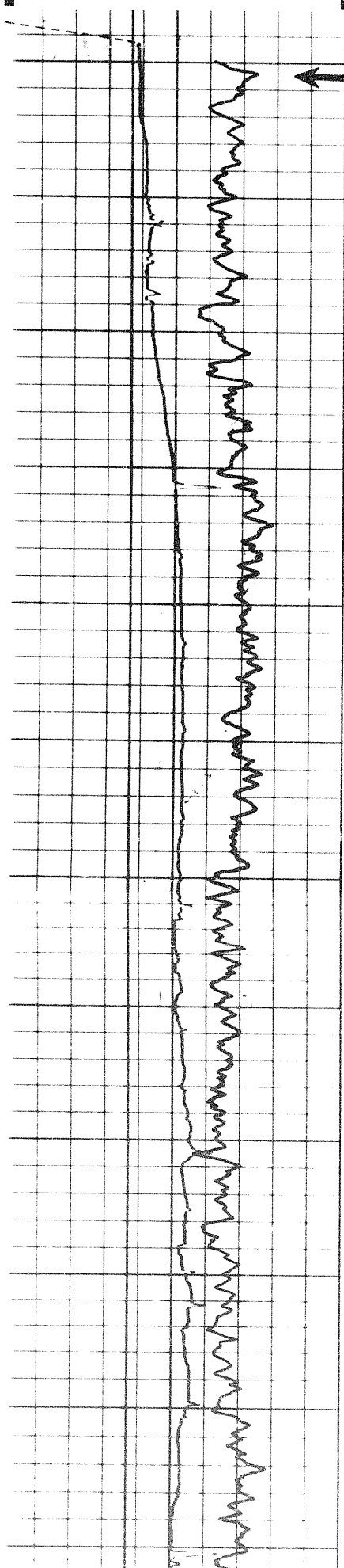
CALIPER  
hole diameter in inches

6 7 8 9 10 11 12 13 14

DENSITY CORRECTION

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

0.25 (+) 0 (-) 0.25 (-)



09.08  
Casing

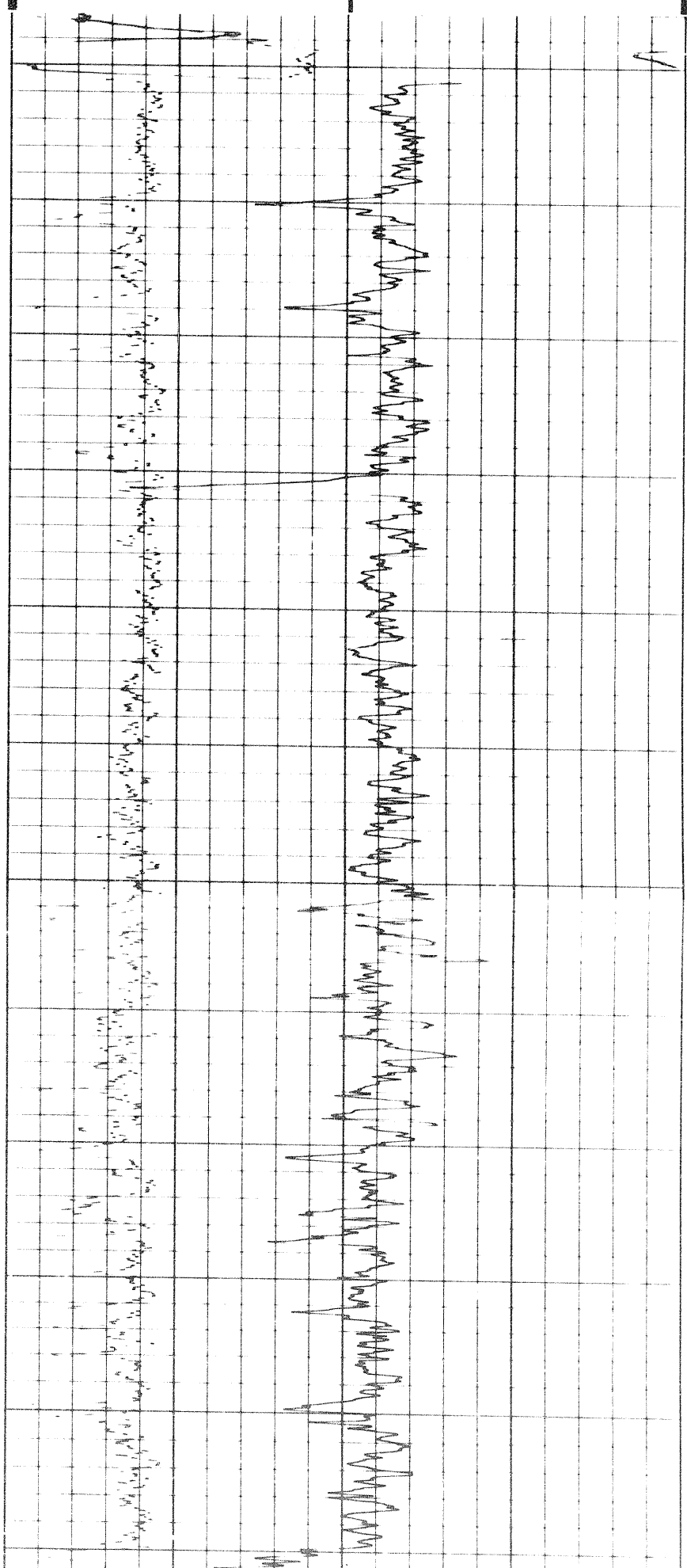
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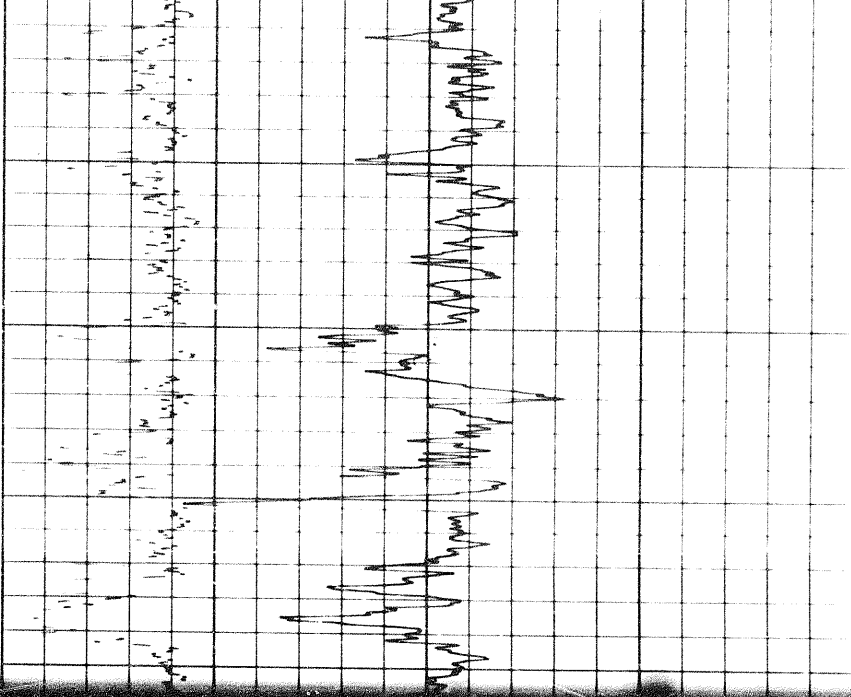
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1200

1300

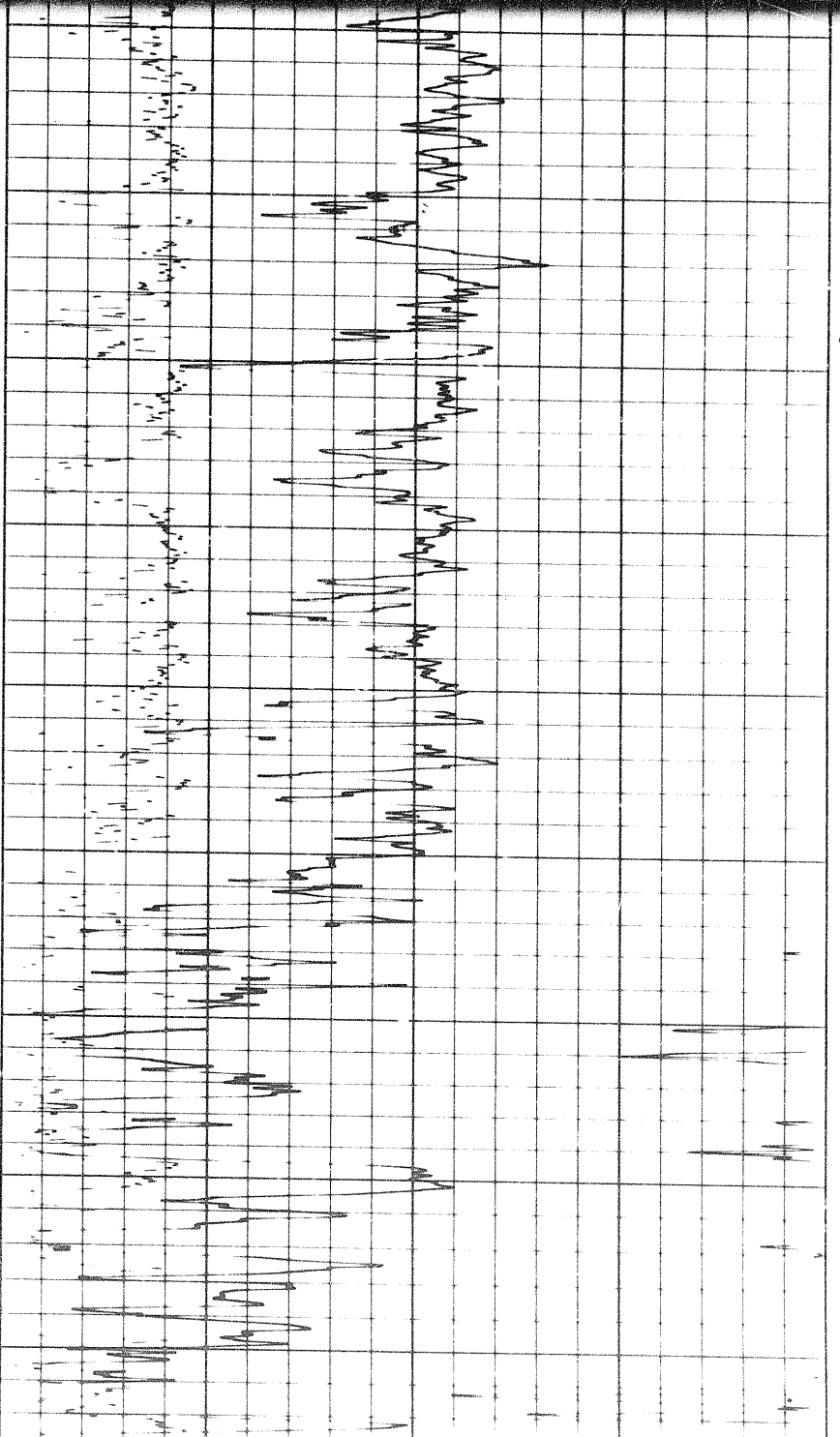
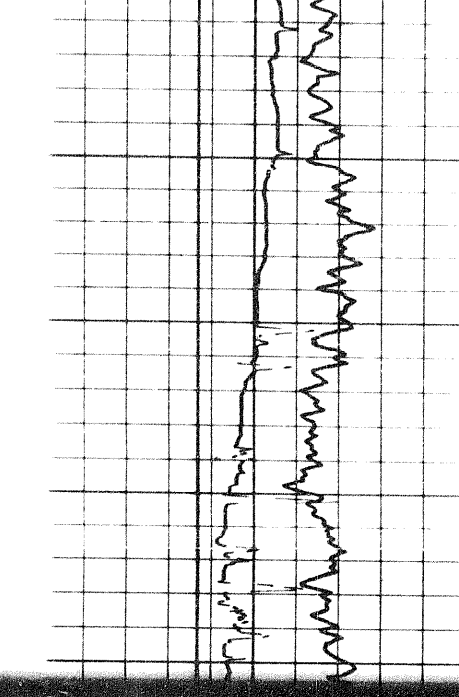
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1400

1500



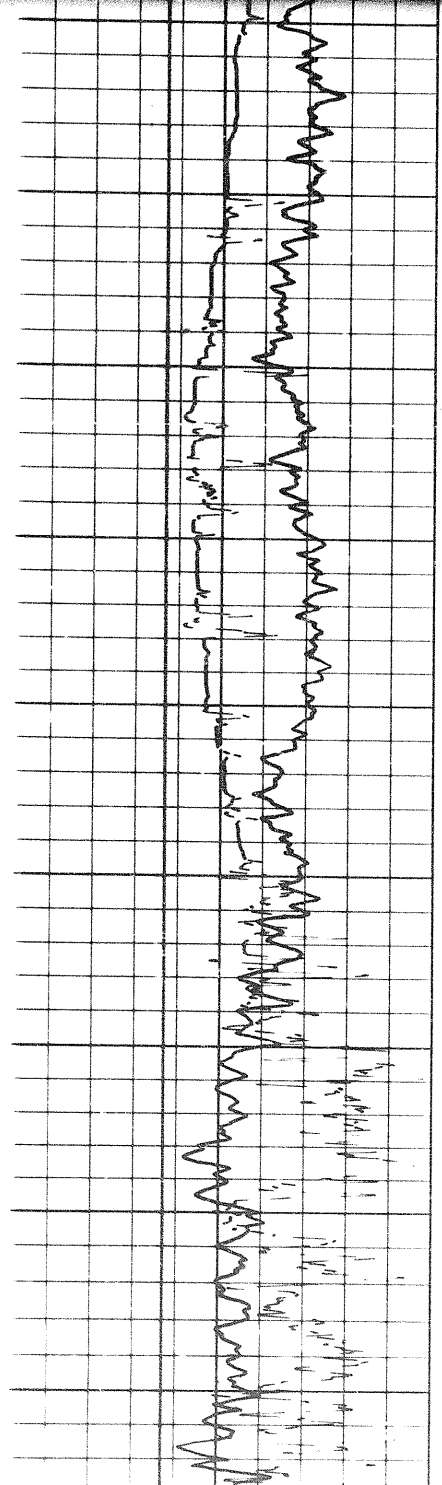
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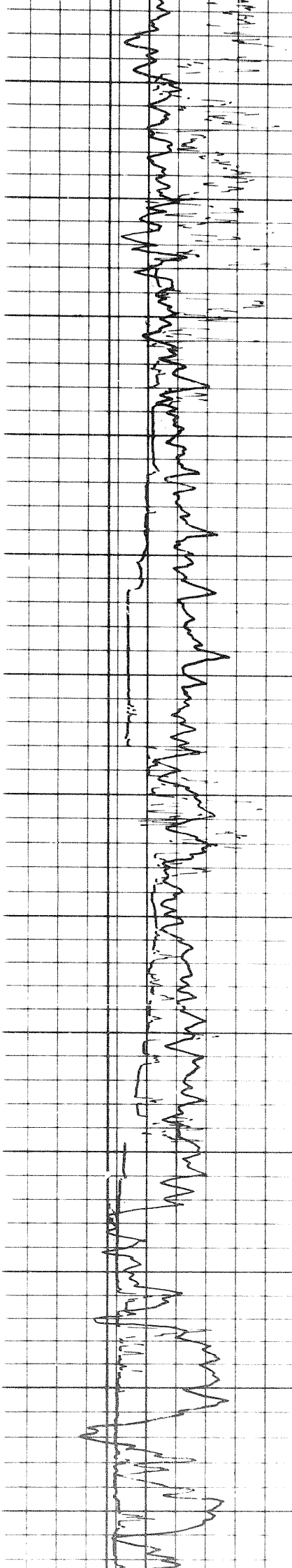
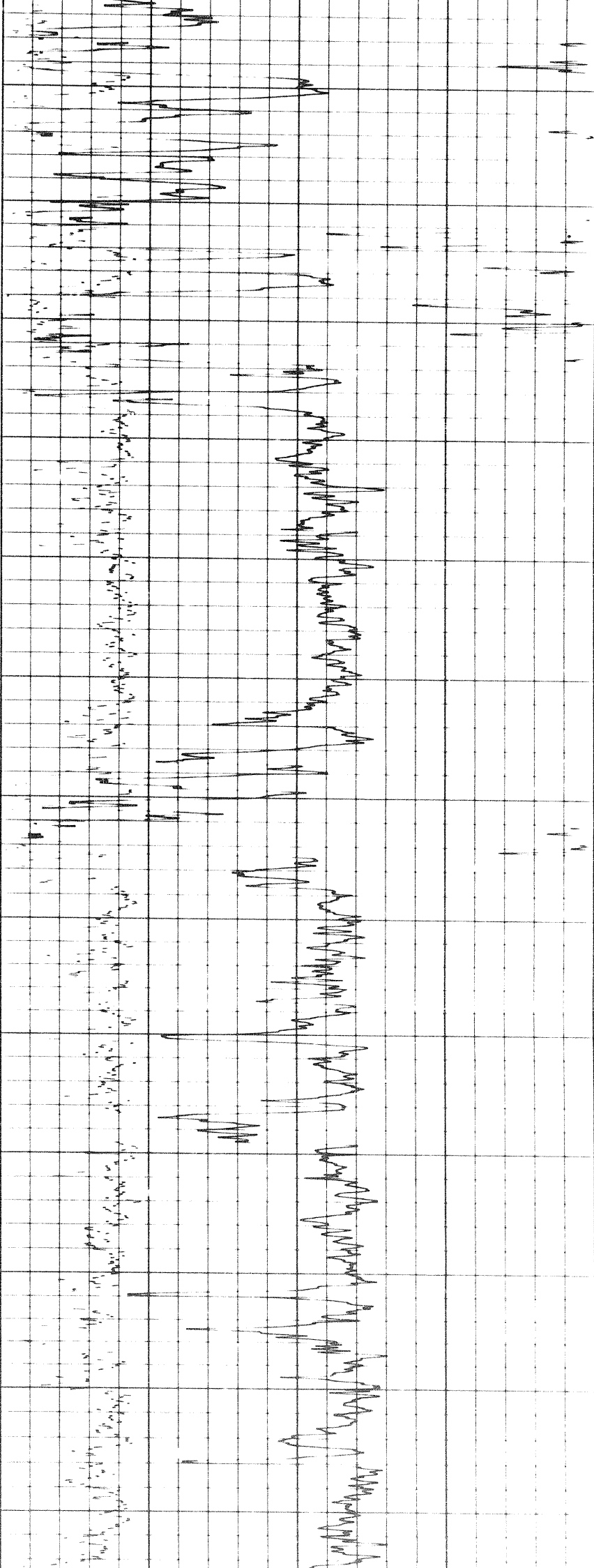
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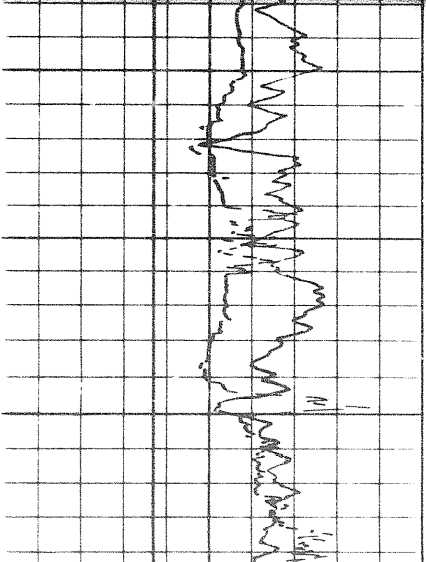
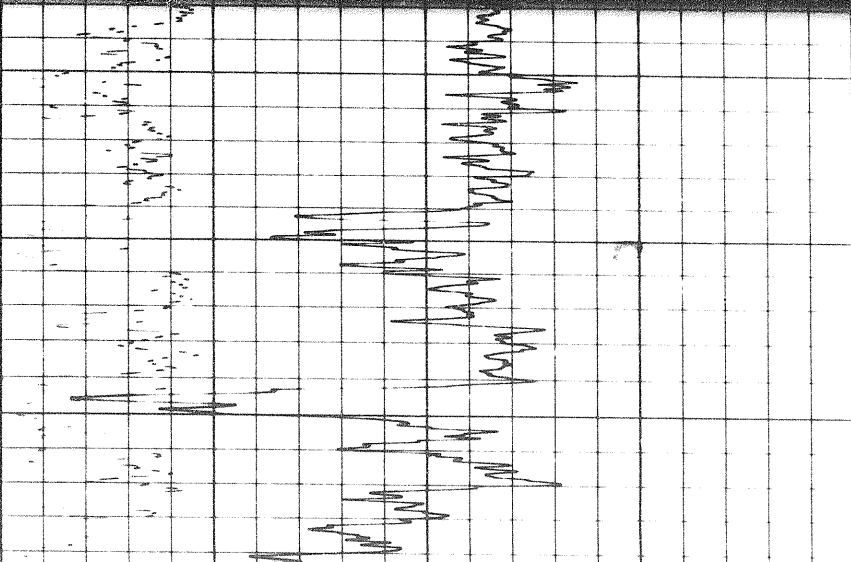
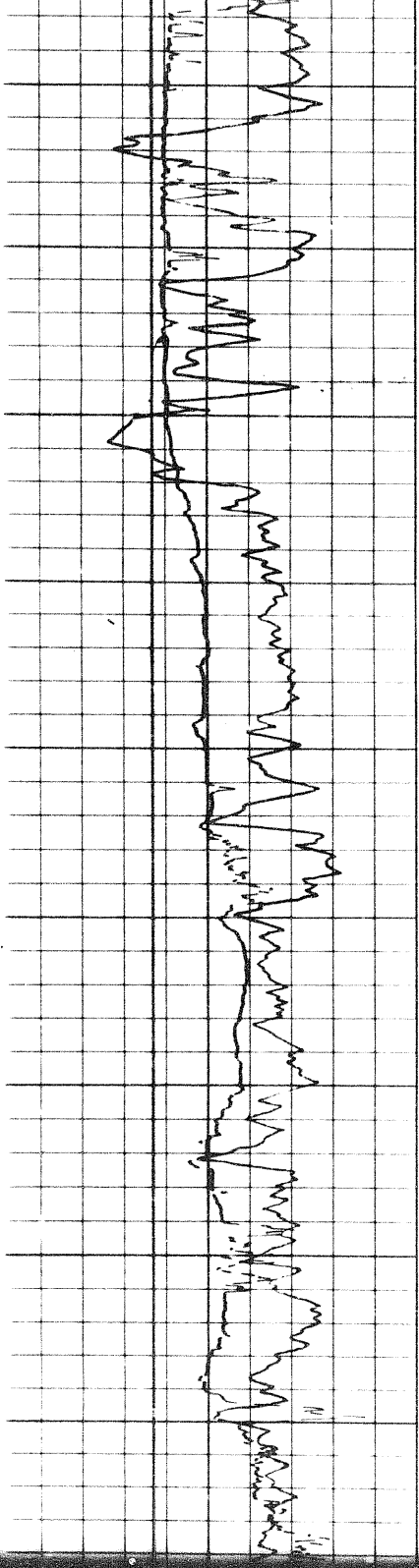
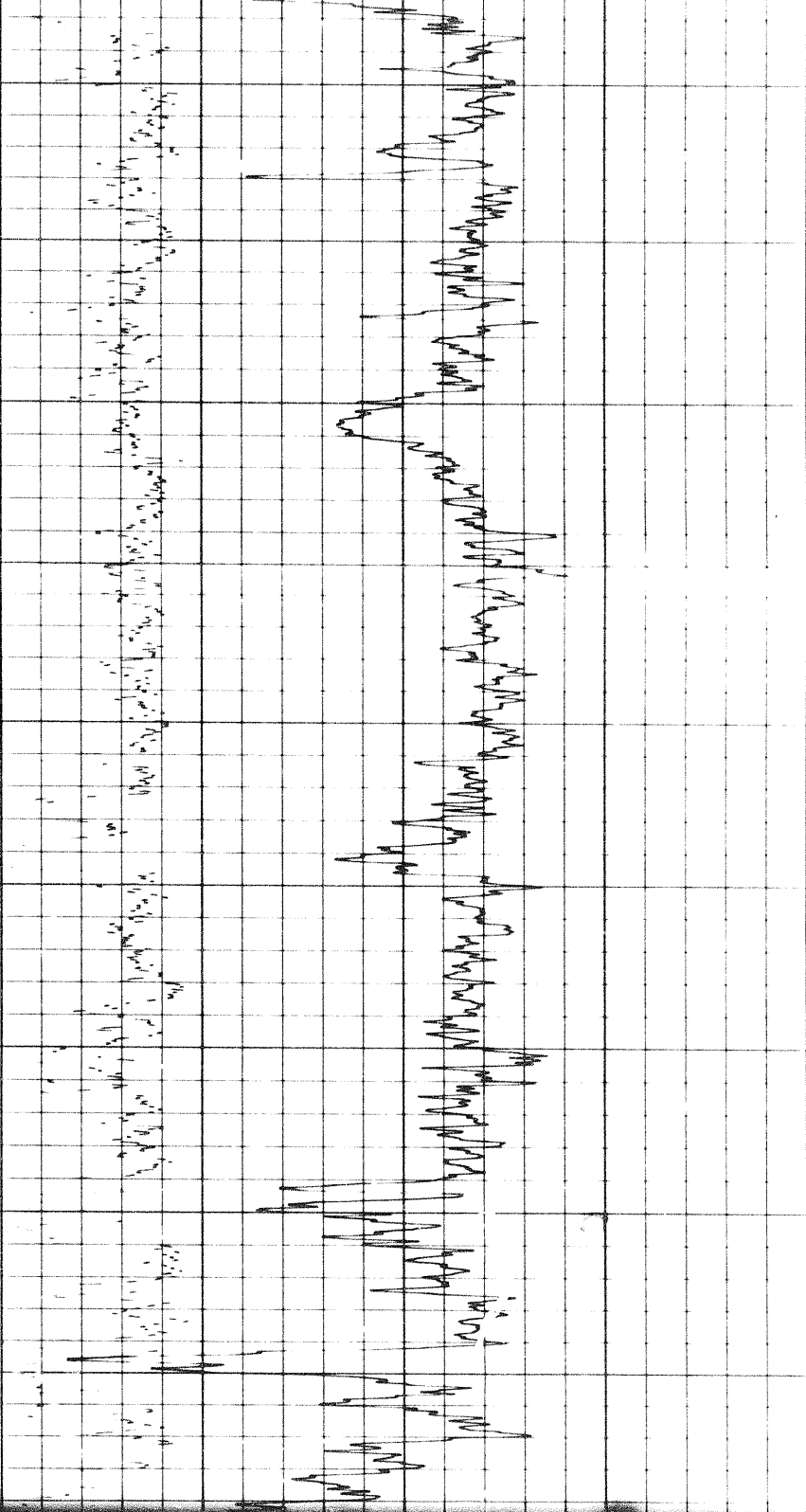
1600

1700

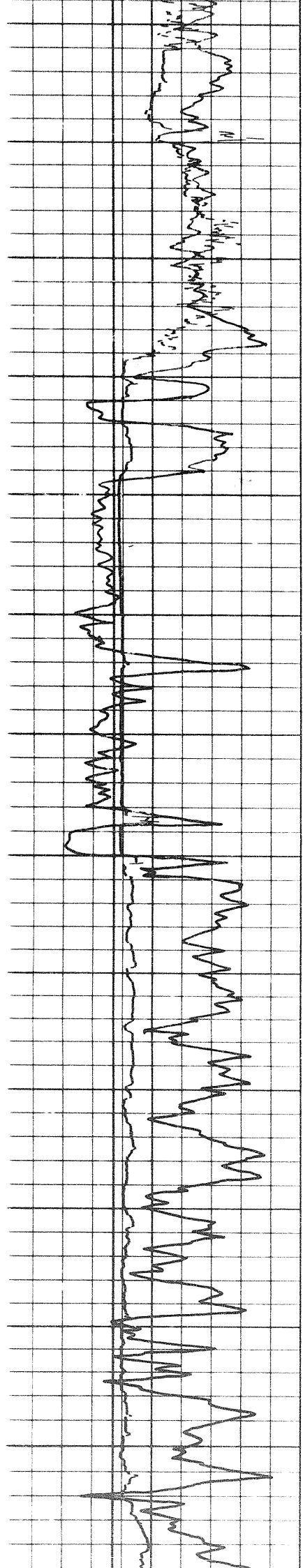
1800







2 of



2700

2800

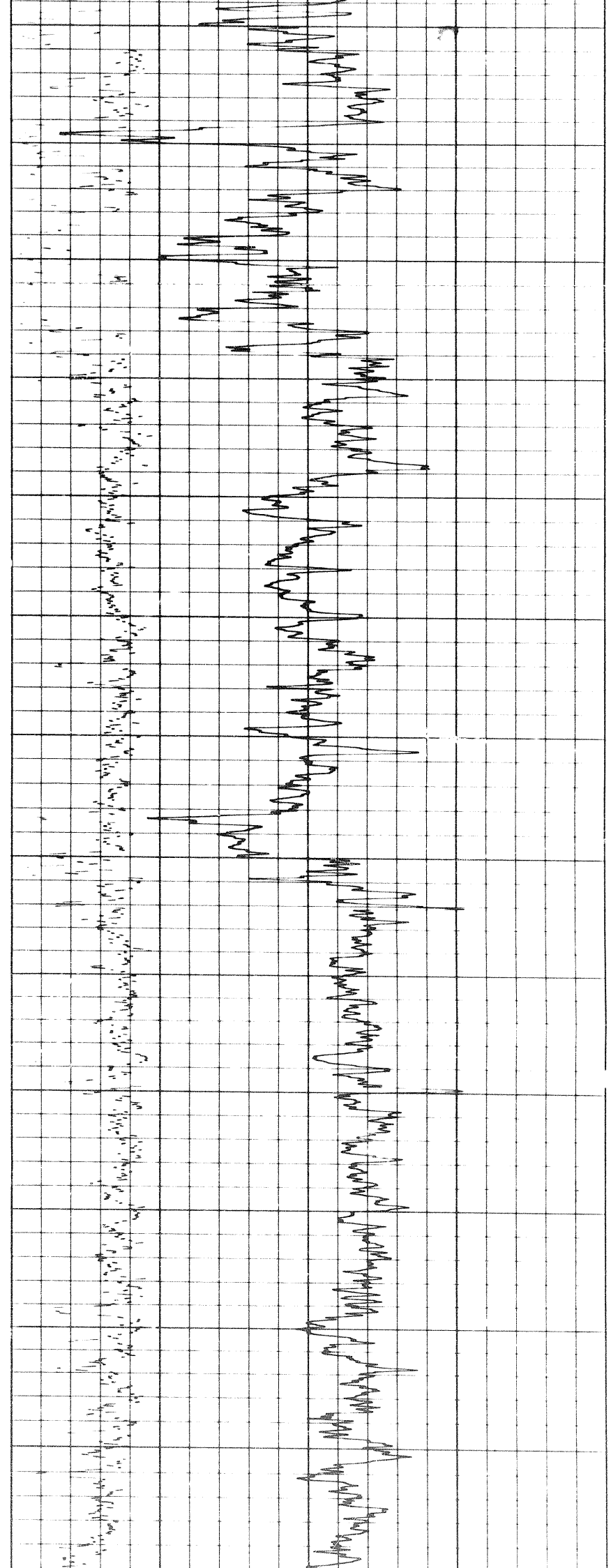
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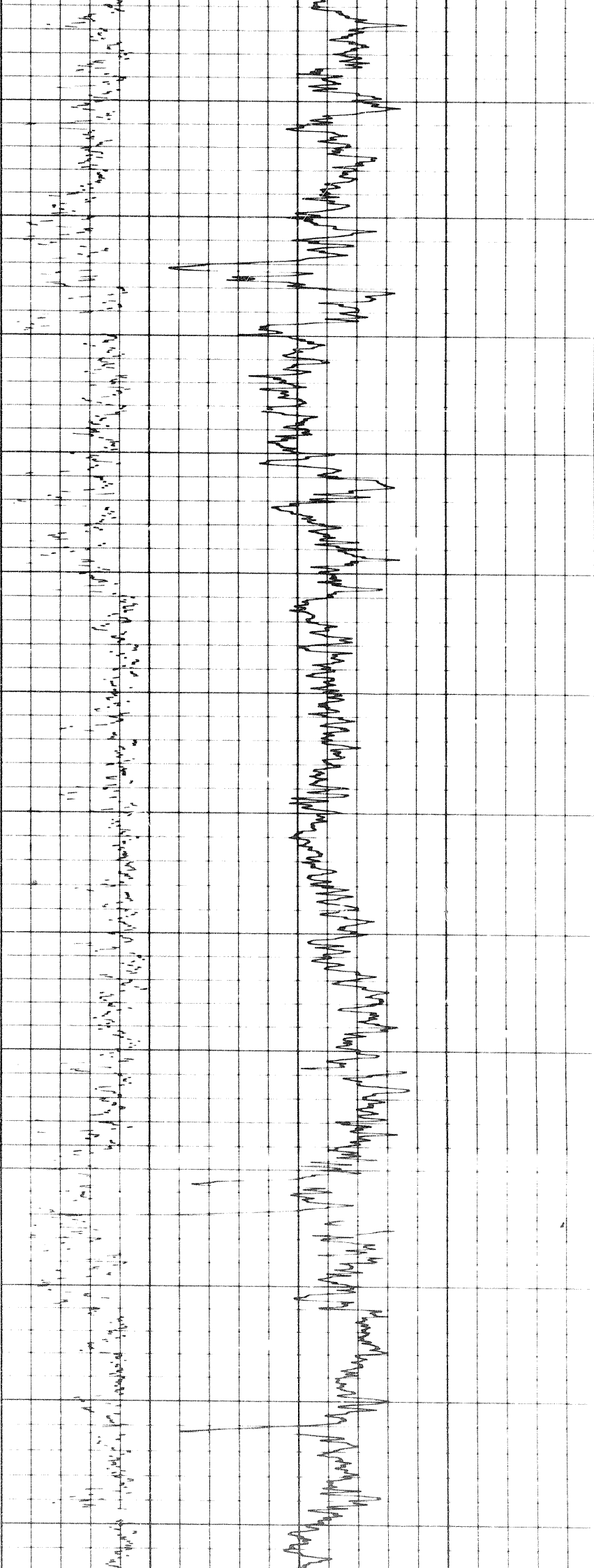
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3100

3200

3300





3300

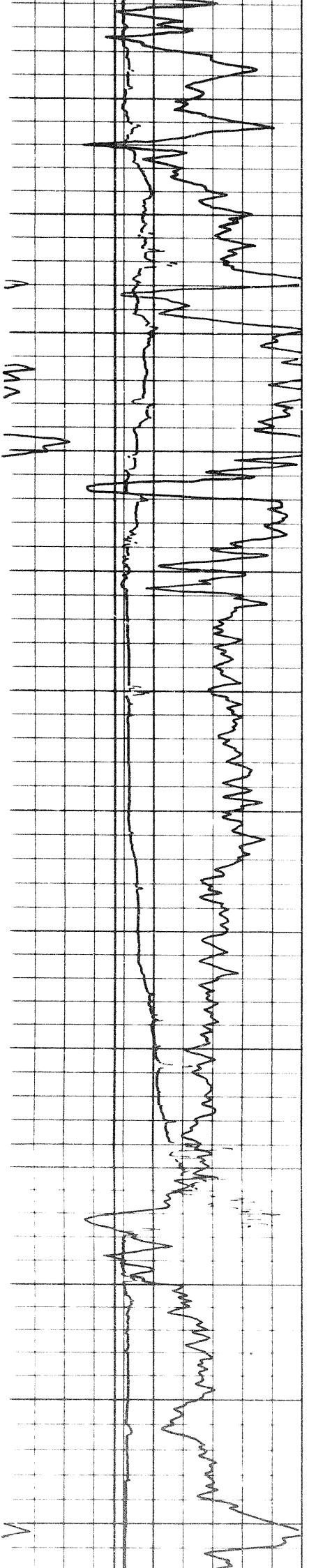
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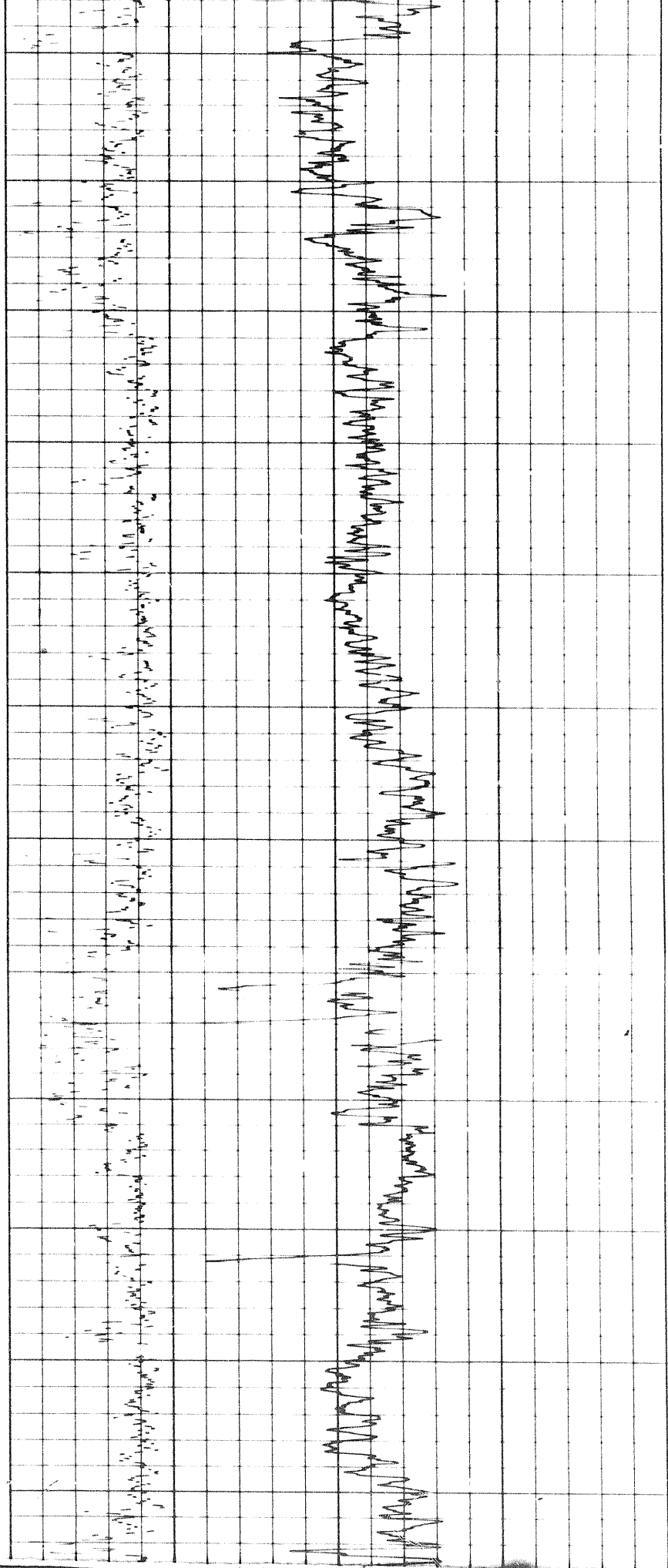
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3600

3700

3800





3400

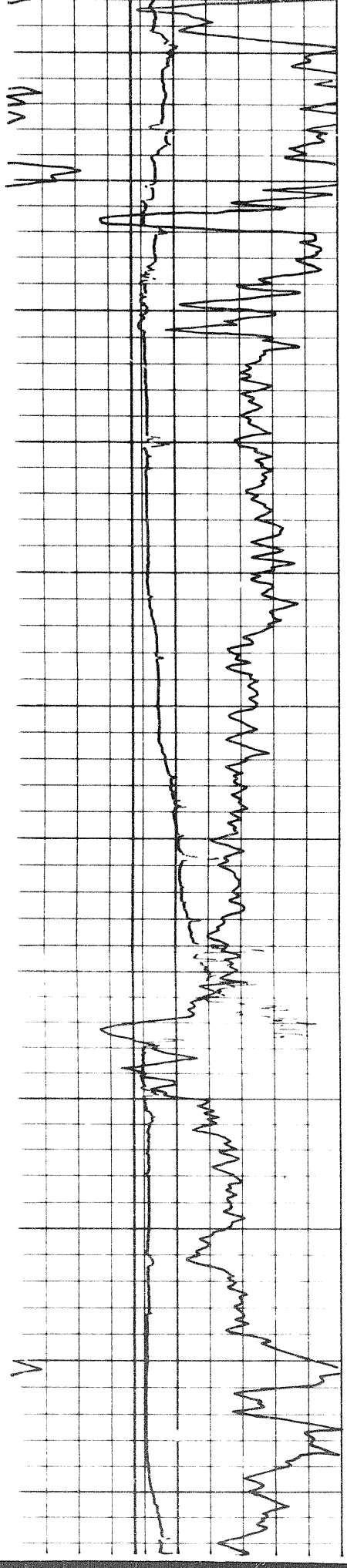
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3800

3900



3400

3500

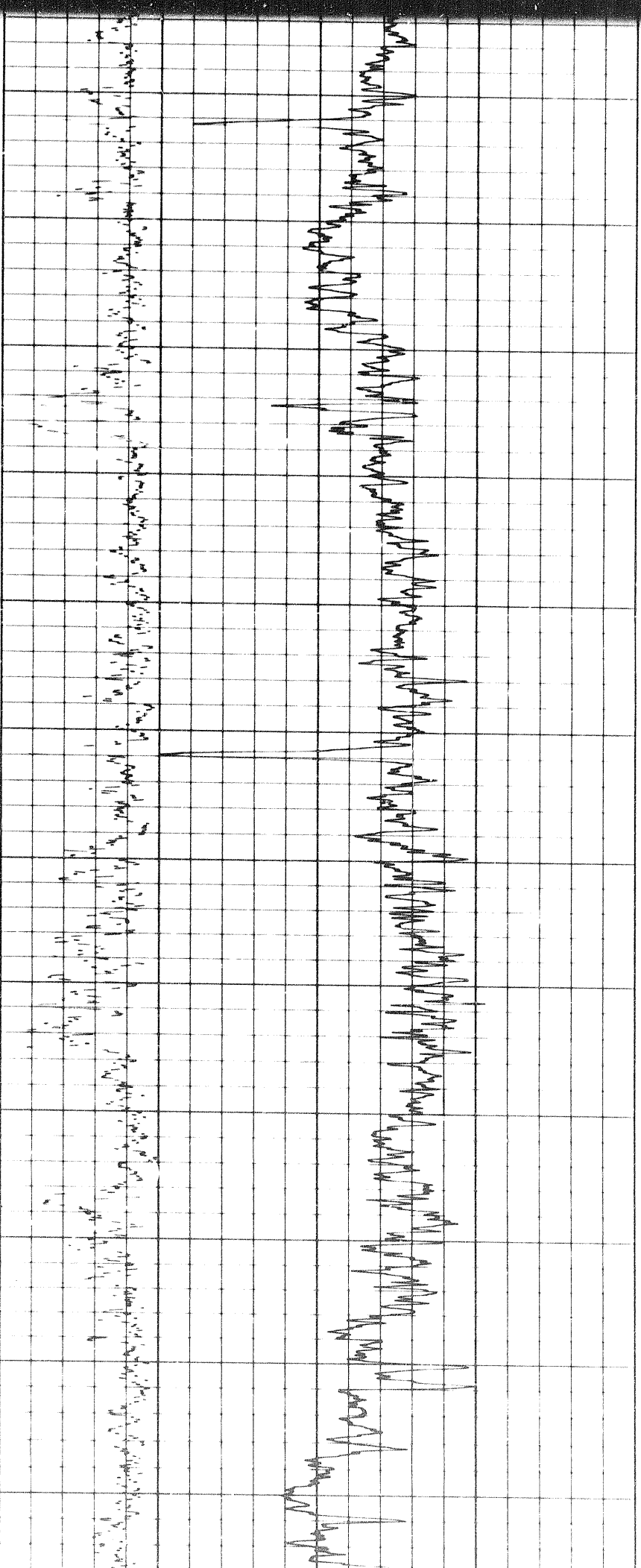
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3900





3800

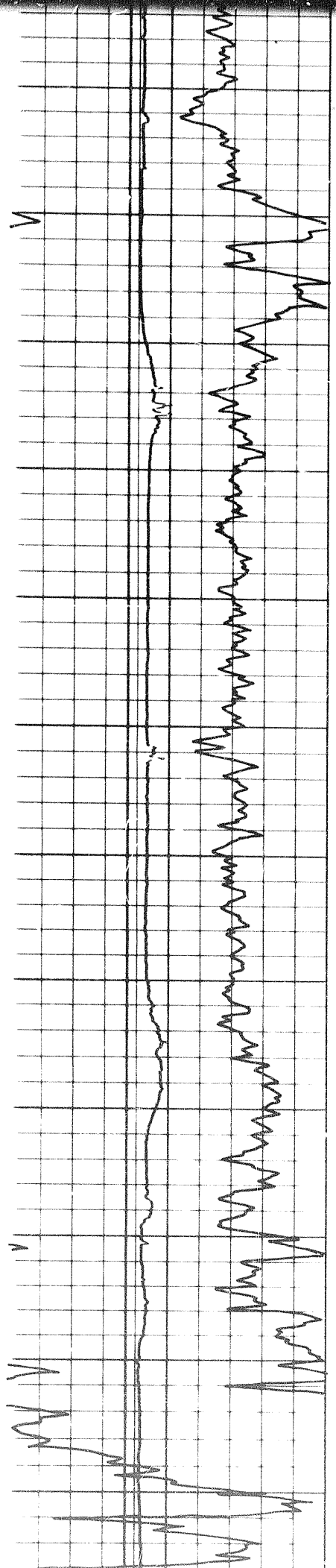
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4000

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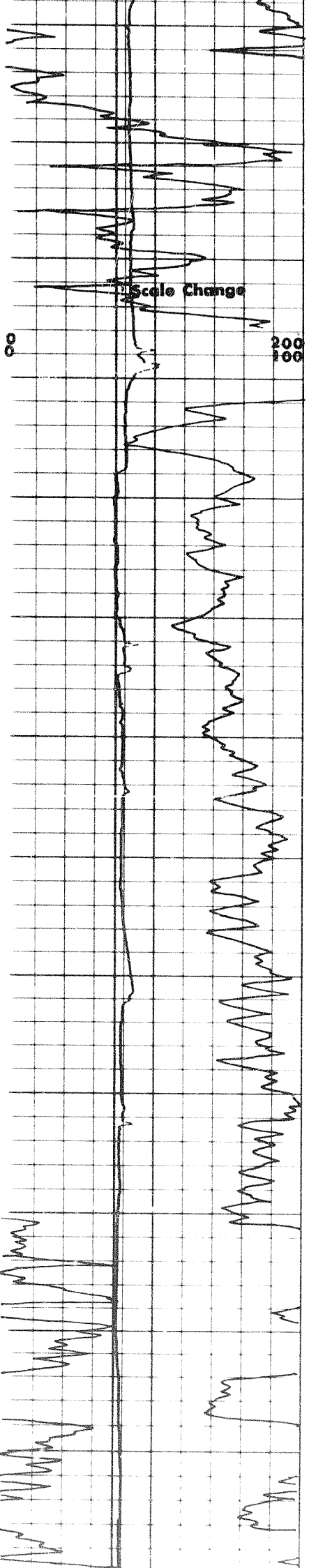
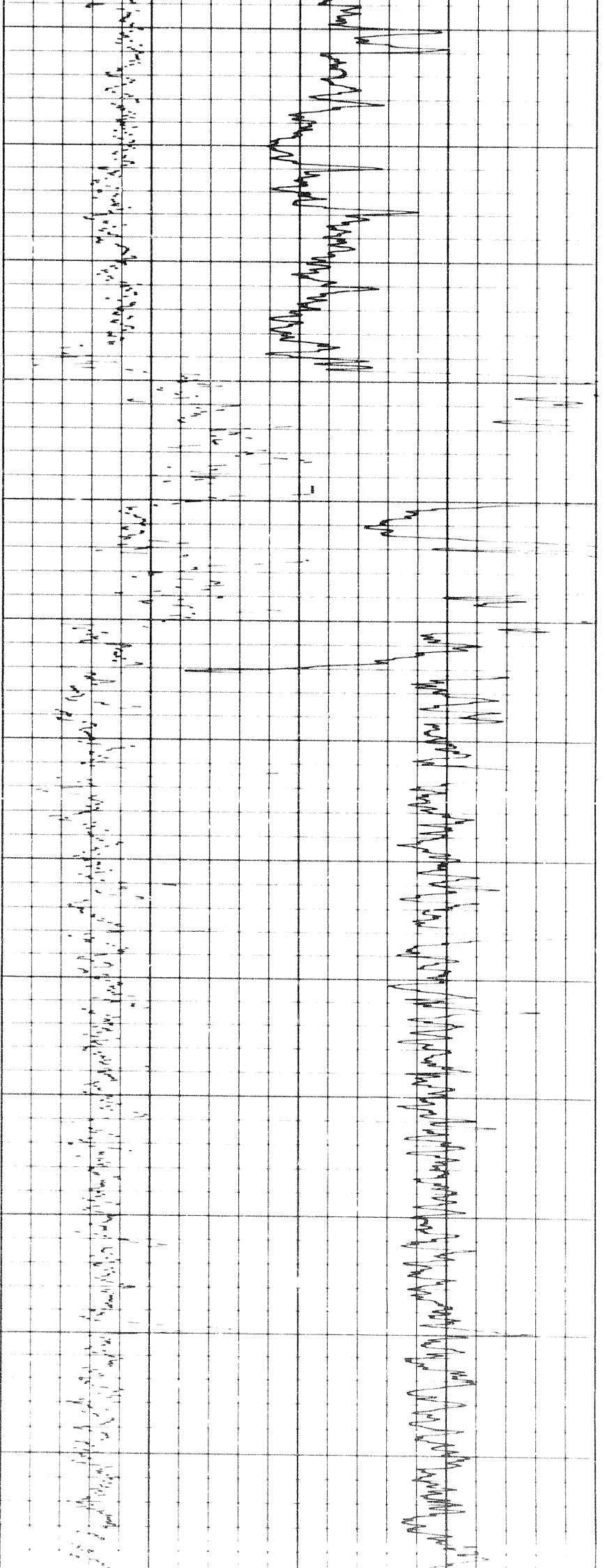
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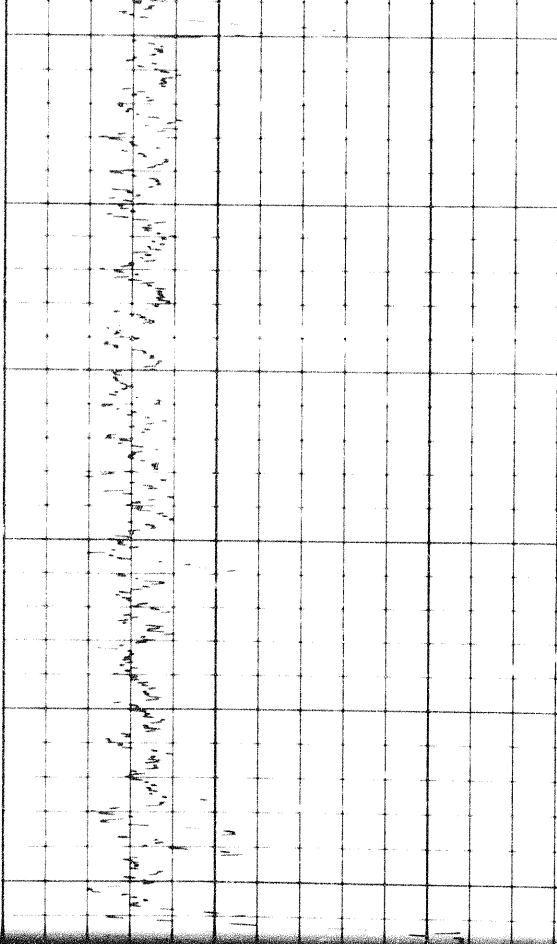
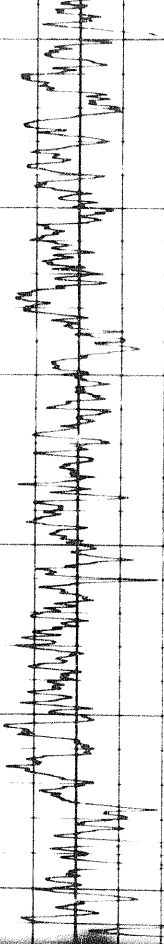
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3

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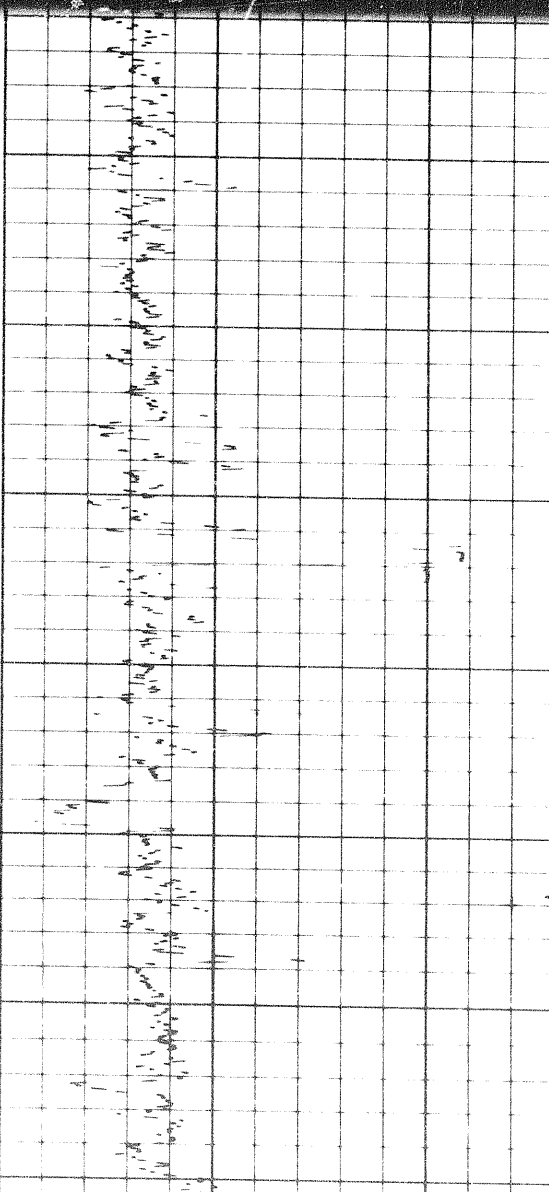
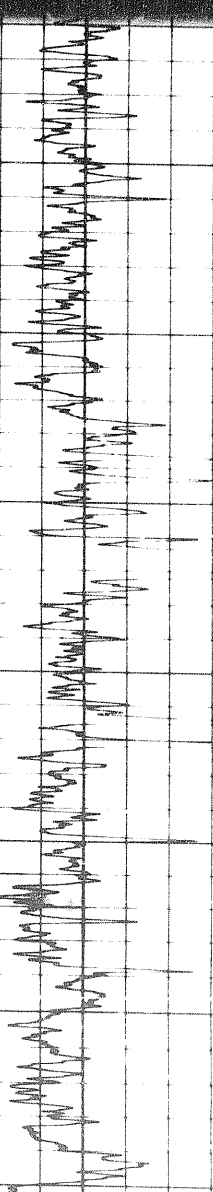
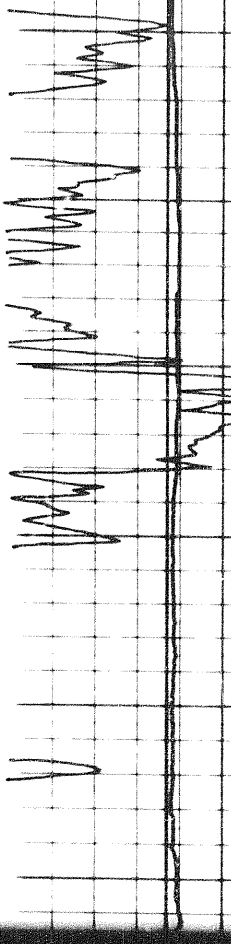
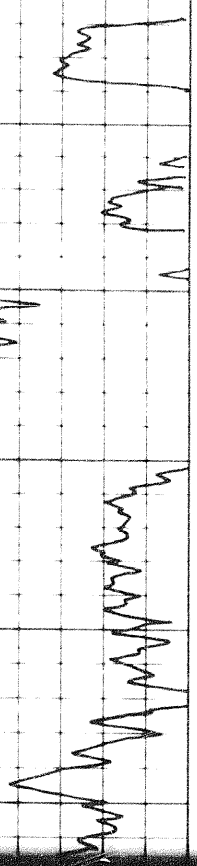




4900

5000

5100

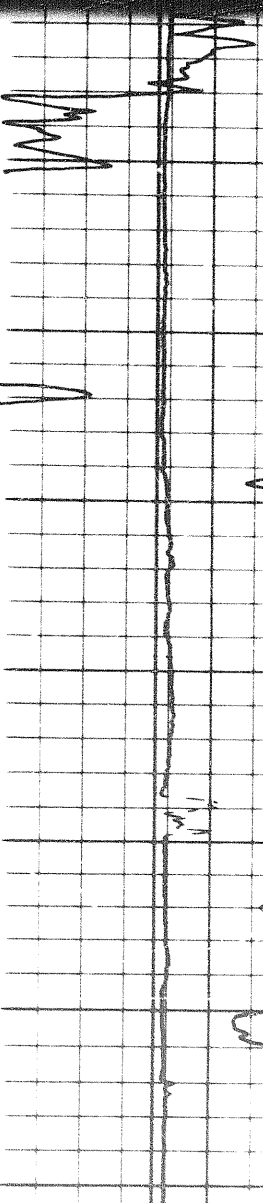
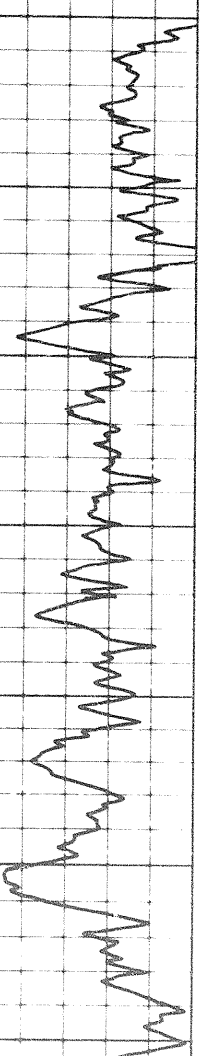


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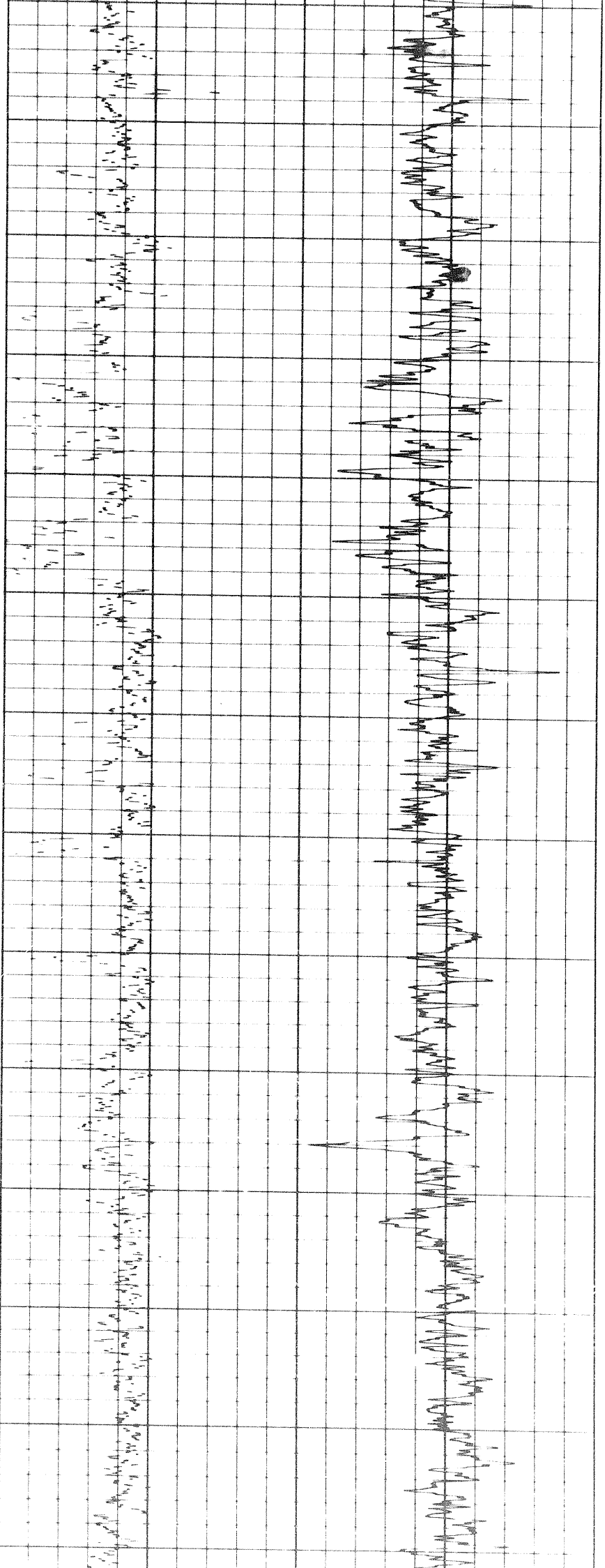
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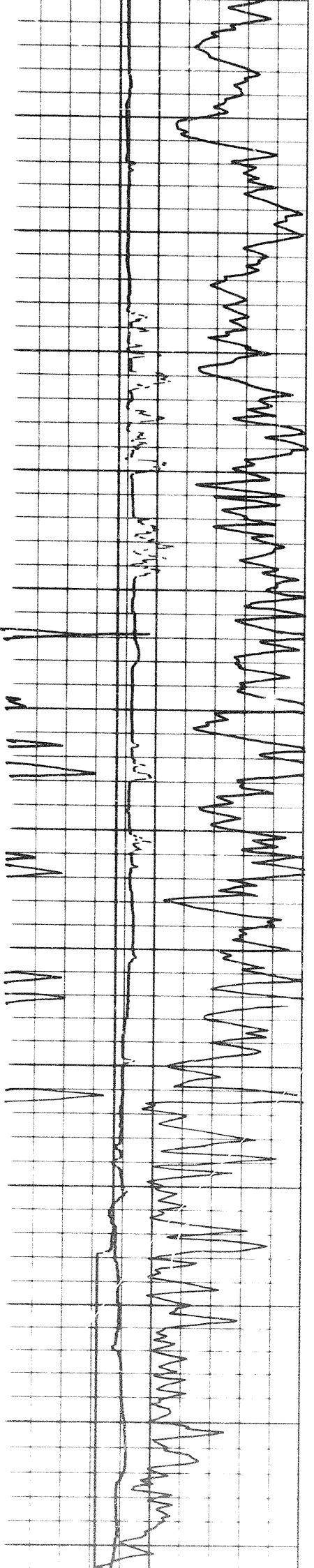
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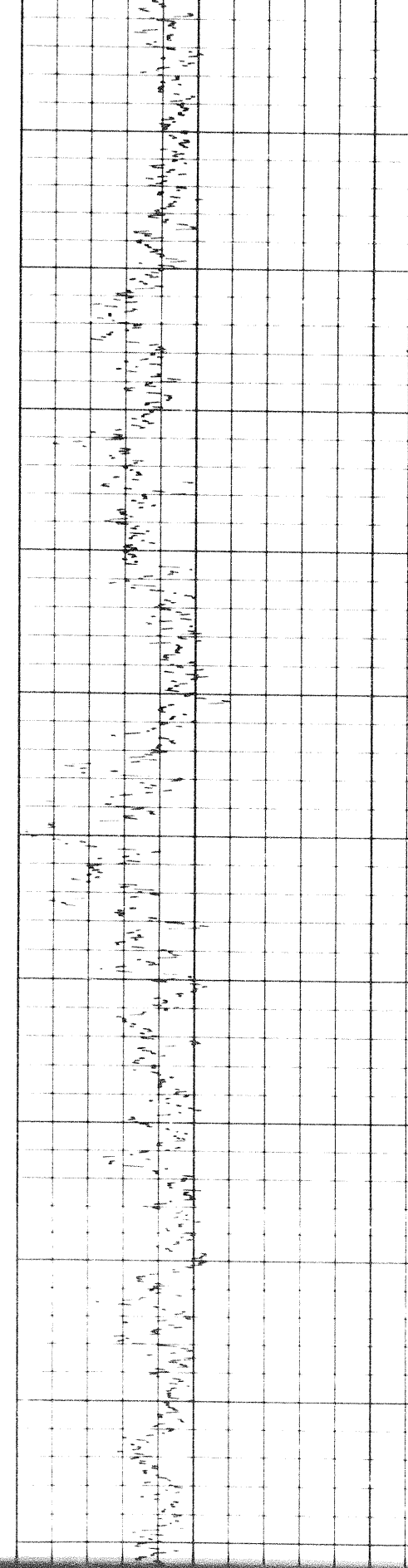
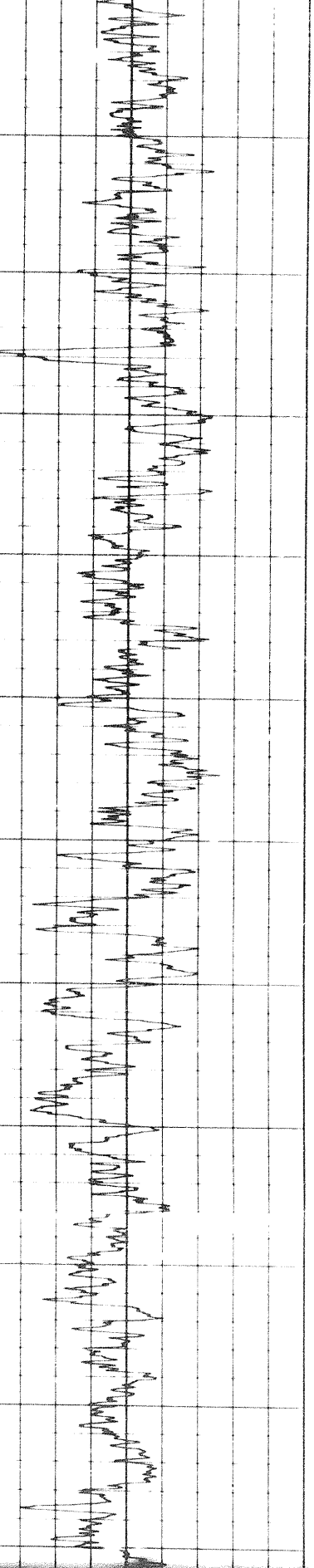


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5200 5300 5400 5500 5600 5700 5800





5800

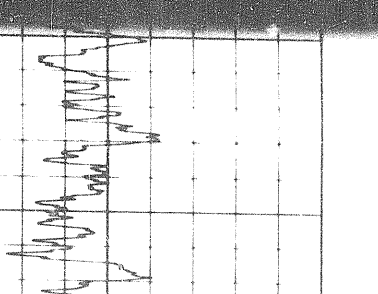
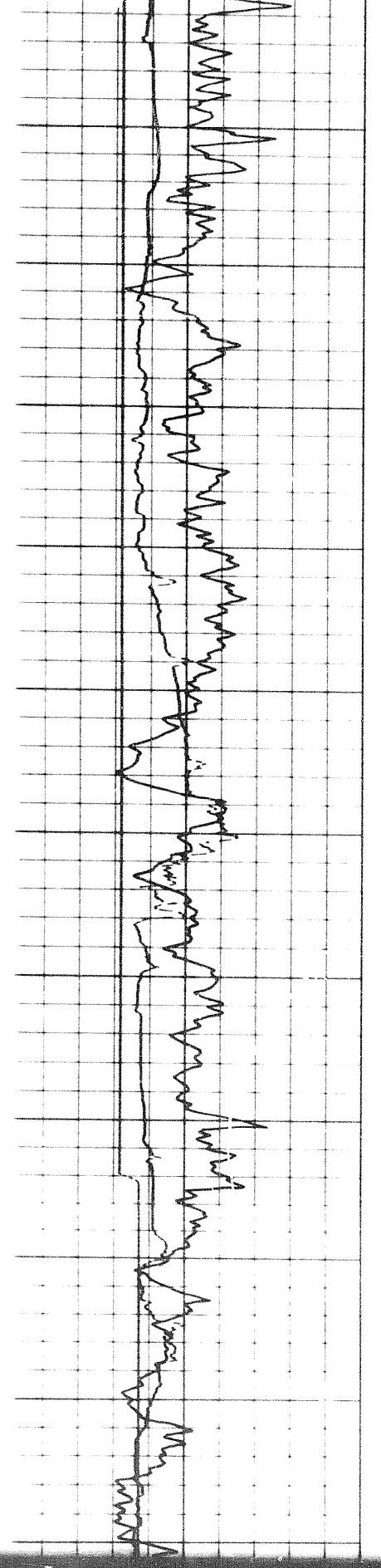
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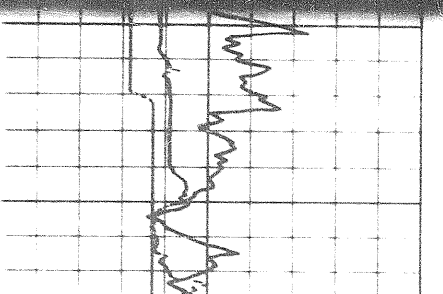
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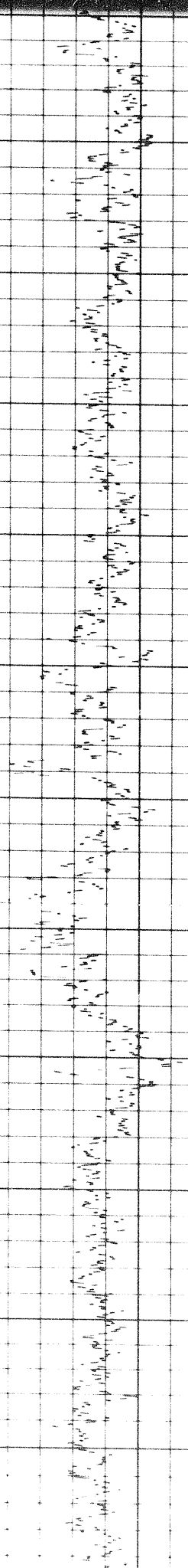
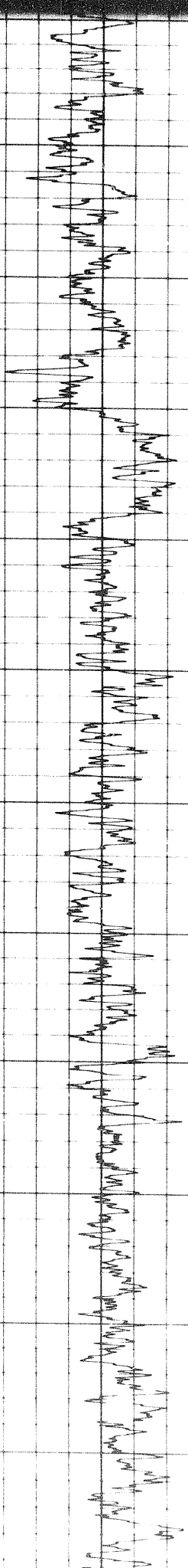
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6300



6200





6300

6200

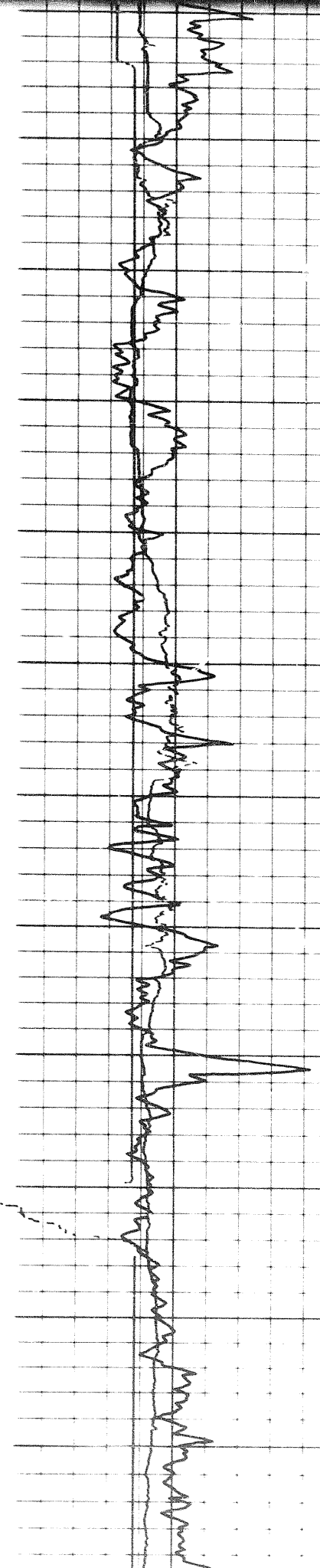
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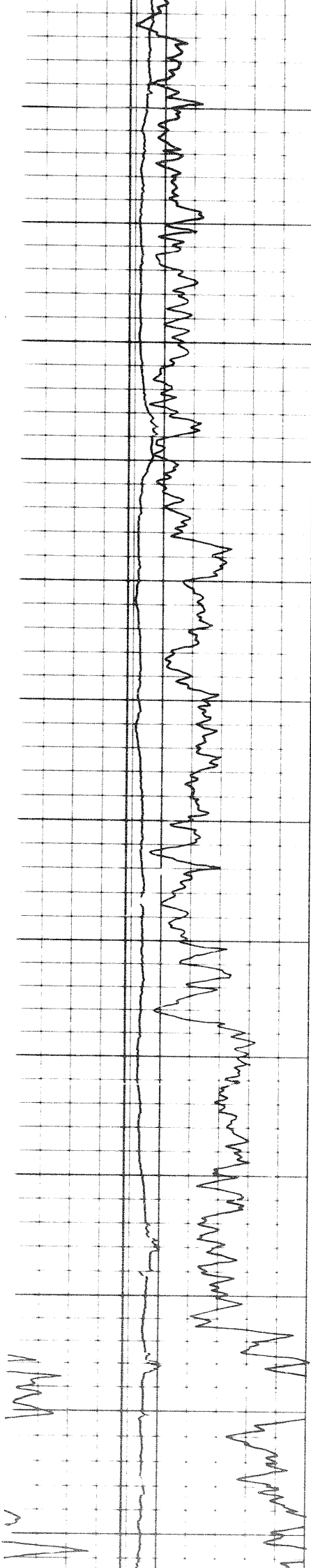
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6700





6700

6800

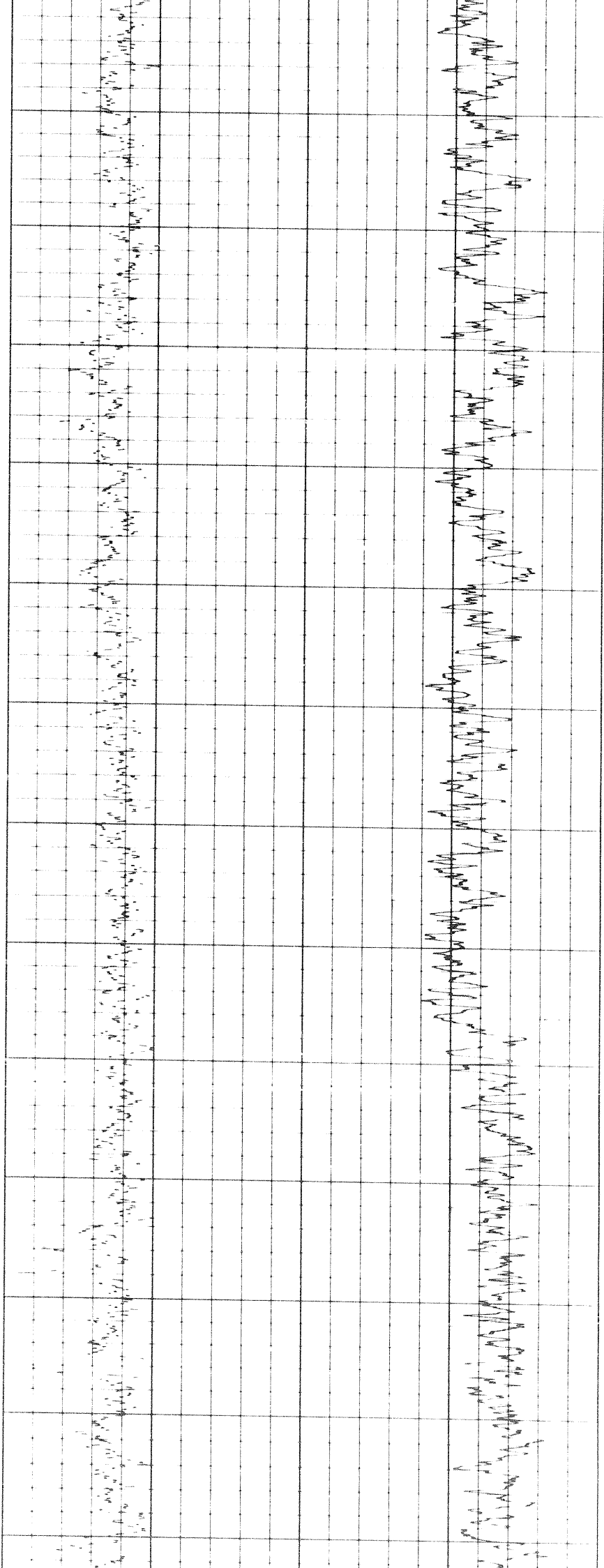
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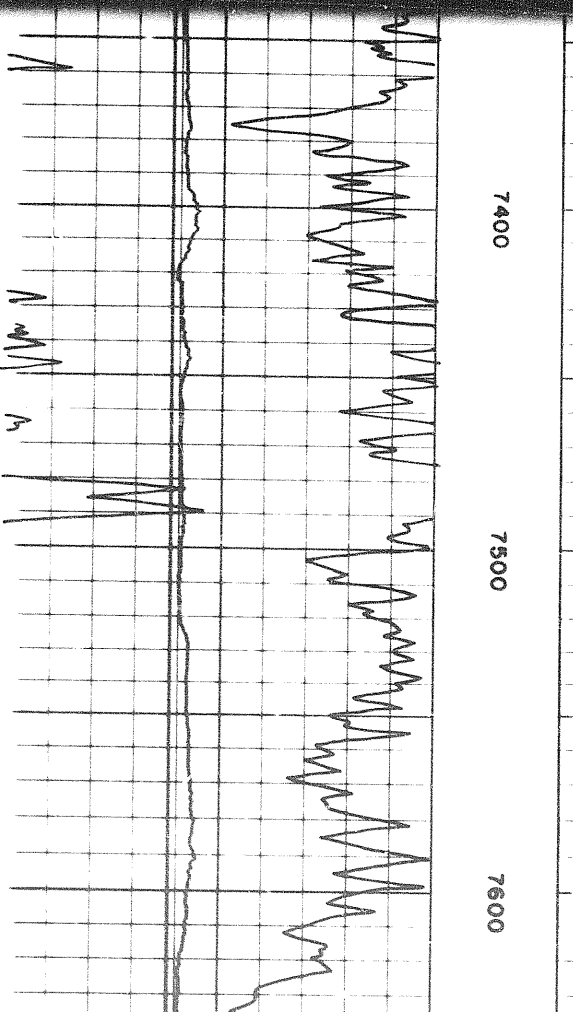
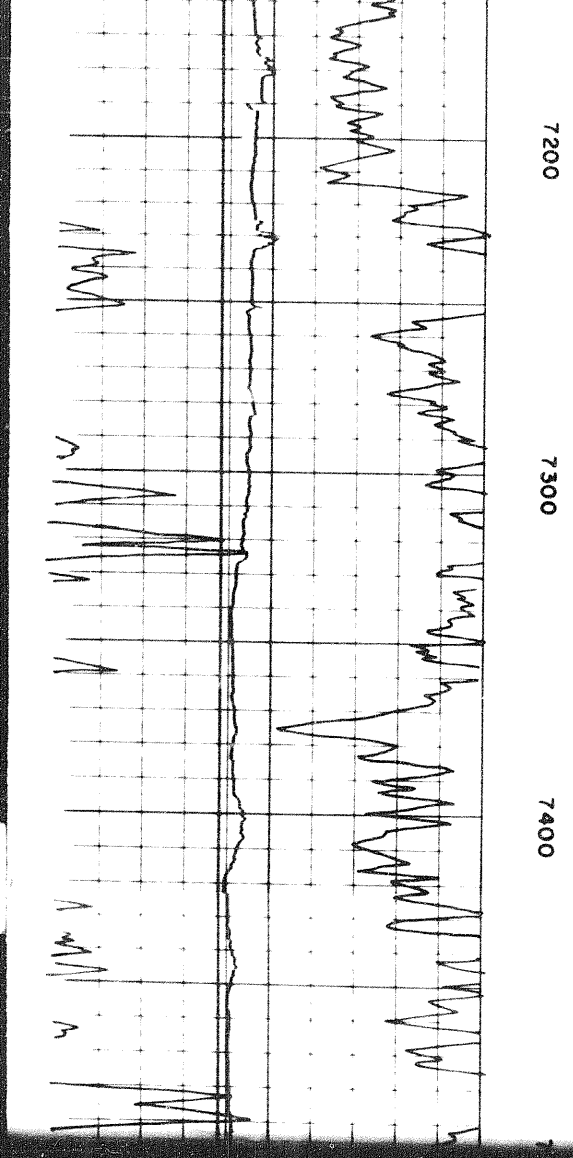
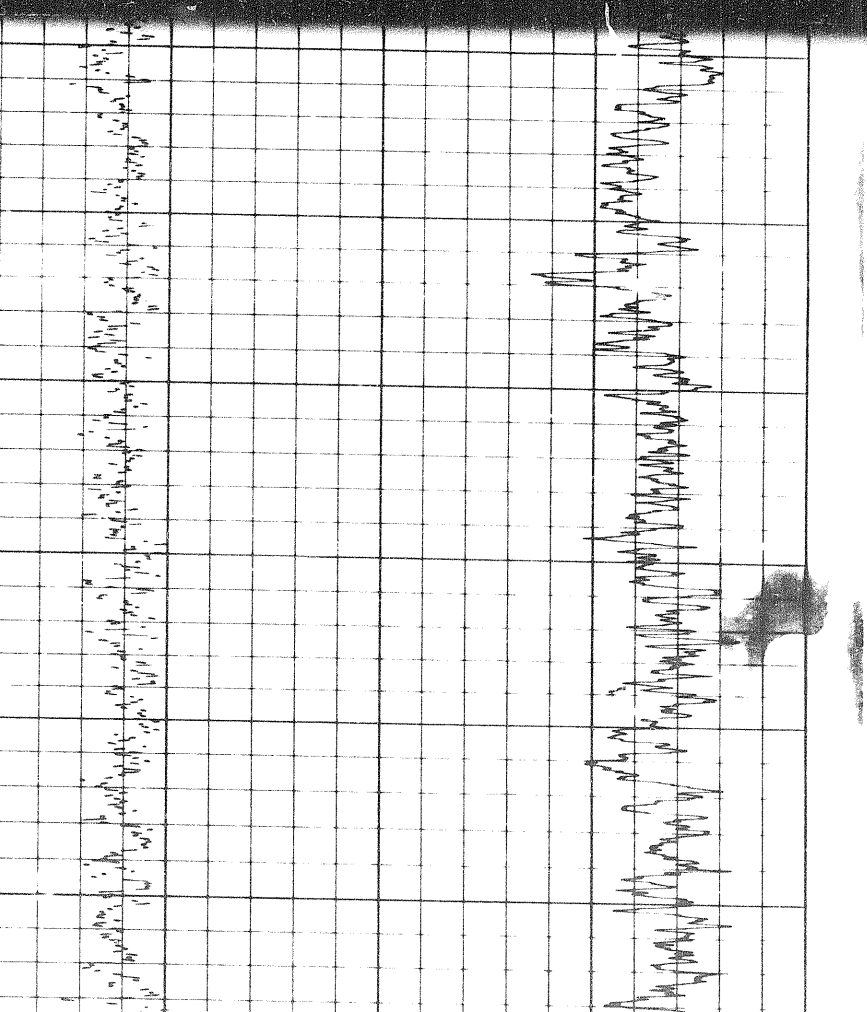
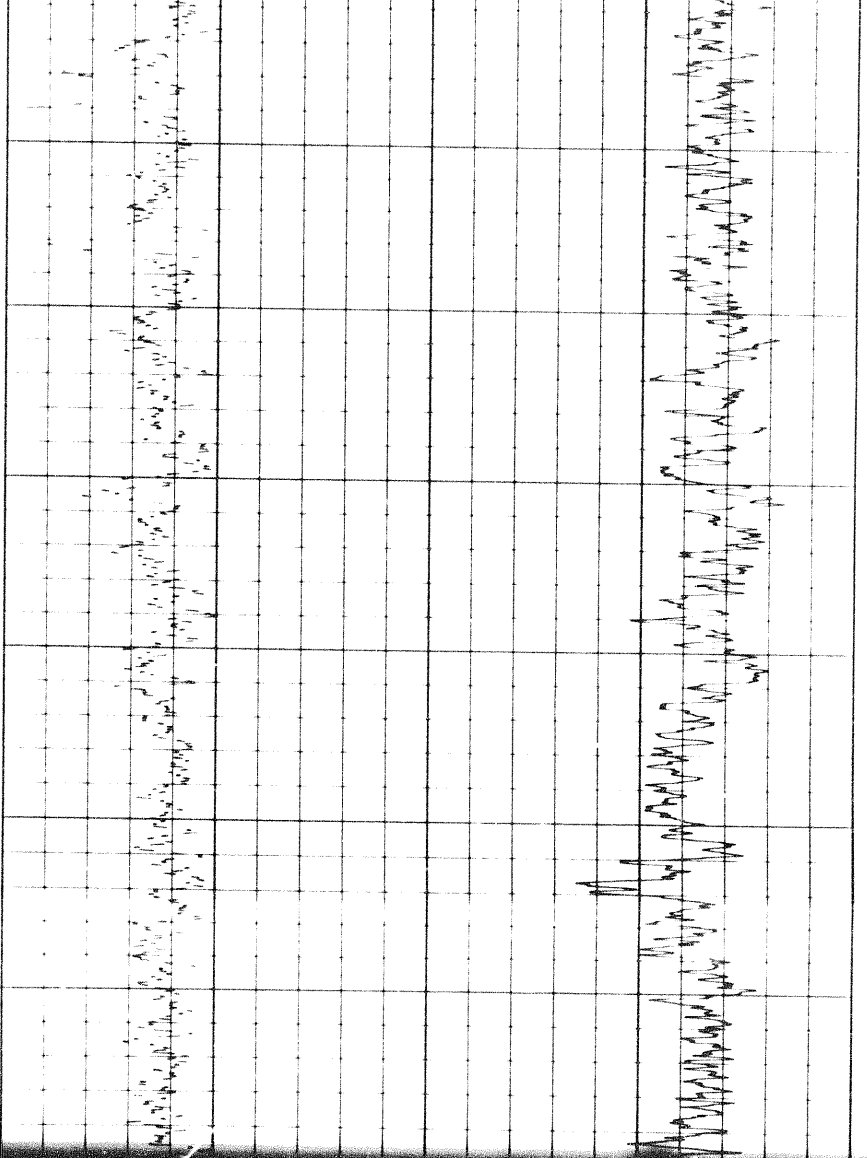
7000

7100

7200

7300





7200

7300

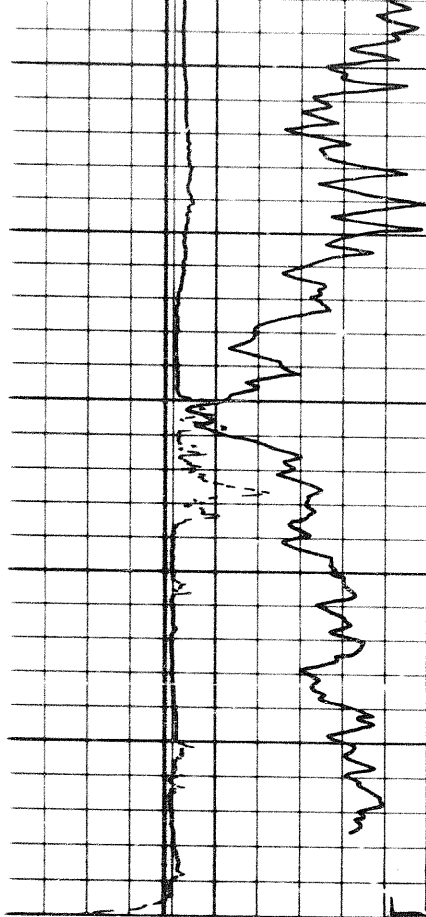
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7400

7500

7600

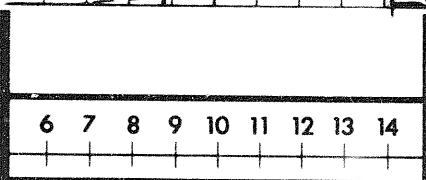
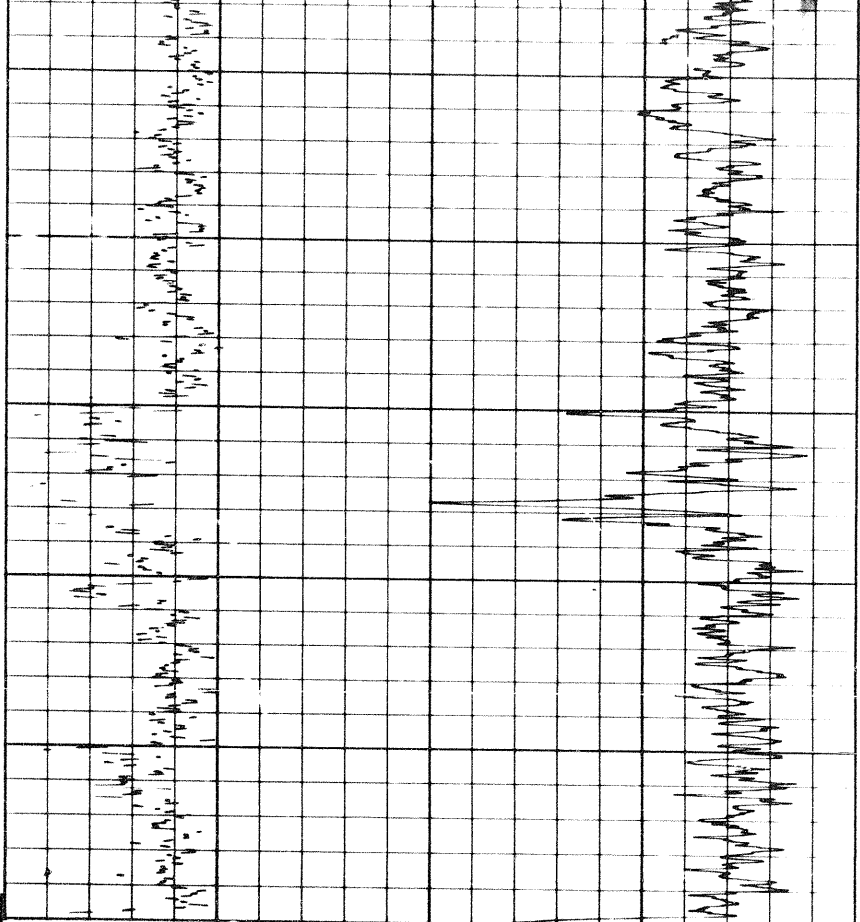




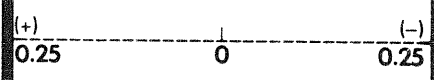
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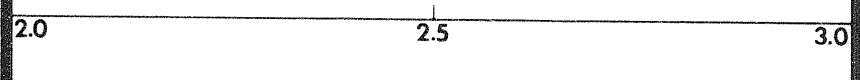
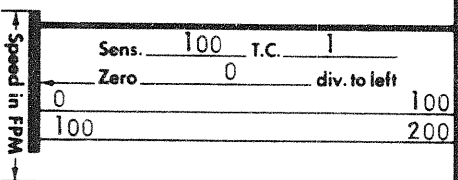
FR 71



CALIPER  
hole diameter in inches



DENSITY CORRECTION  
 $\Delta\rho$  - gm/cc



GAMMA RAY  
API UNITS

DEPTH

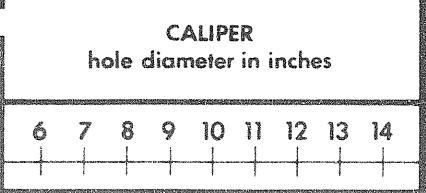
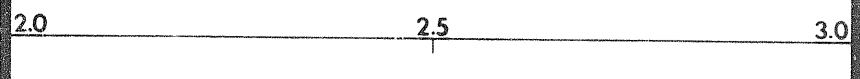
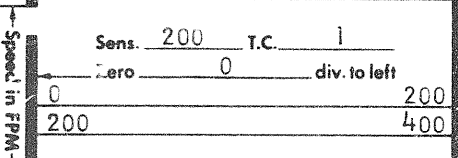
BULK DENSITY  
 $\rho_b$  - gm/cc

DETAIL LOG  
5' = 100'

GAMMA RAY  
API UNITS

DEPTH

BULK DENSITY  
 $\rho_b$  - gm/cc



CALIPER  
hole diameter in inches

DENSITY CORRECTION  
 $\Delta\rho$  - gm/cc

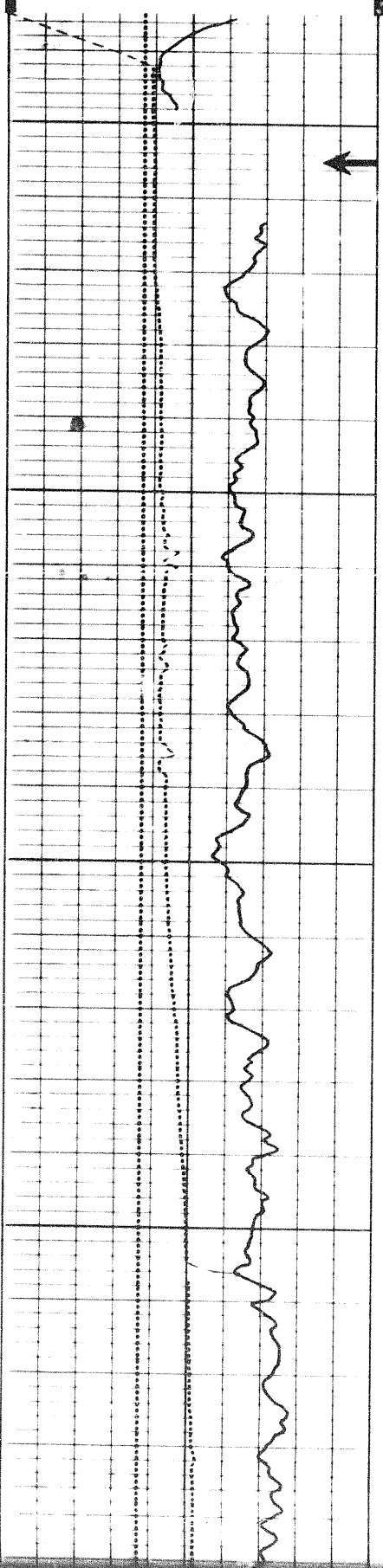


CALIPER  
hole diameter in inches

6 7 8 9 10 11 12 13 14

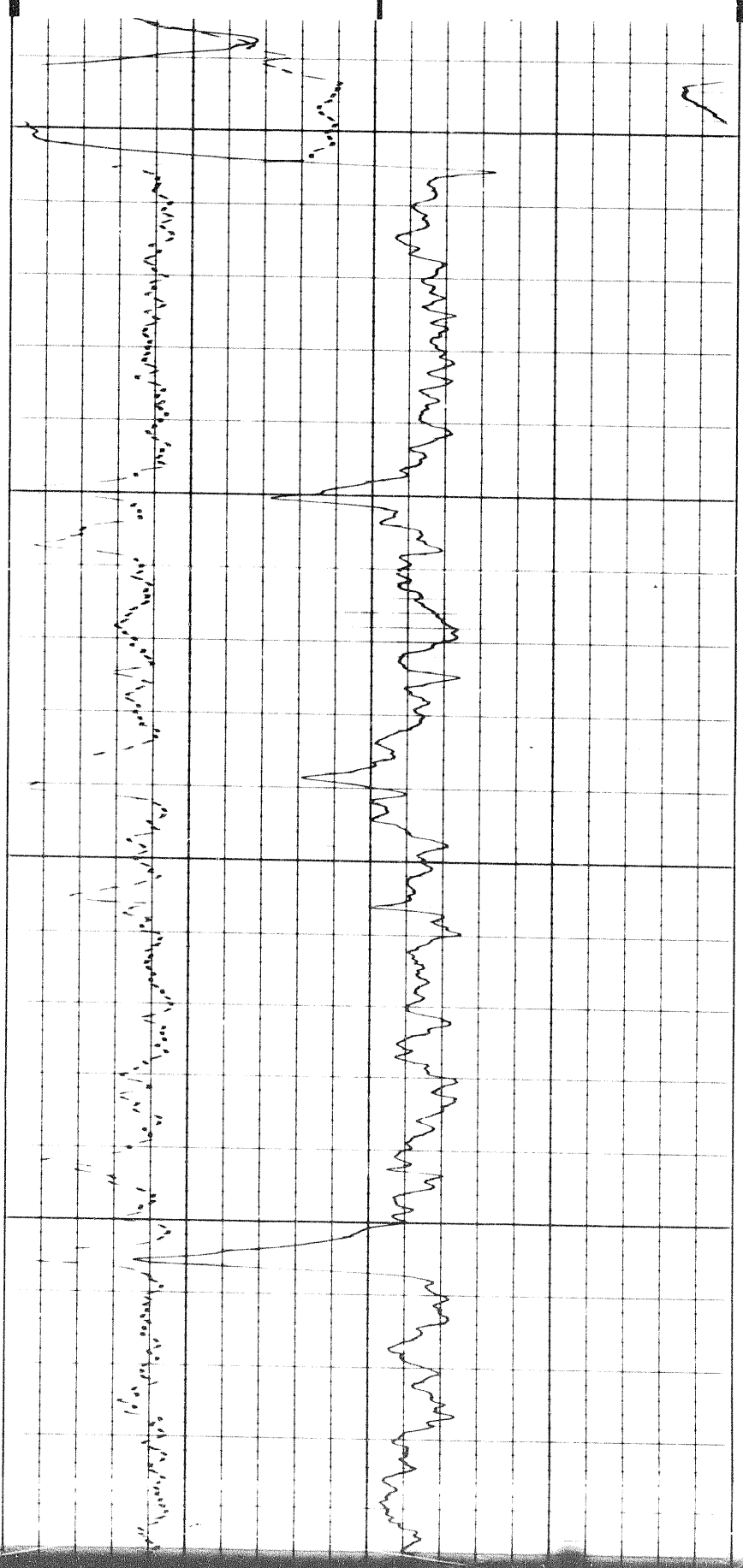
DENSITY CORRECTION  
 $\Delta\rho$  - gm/cc

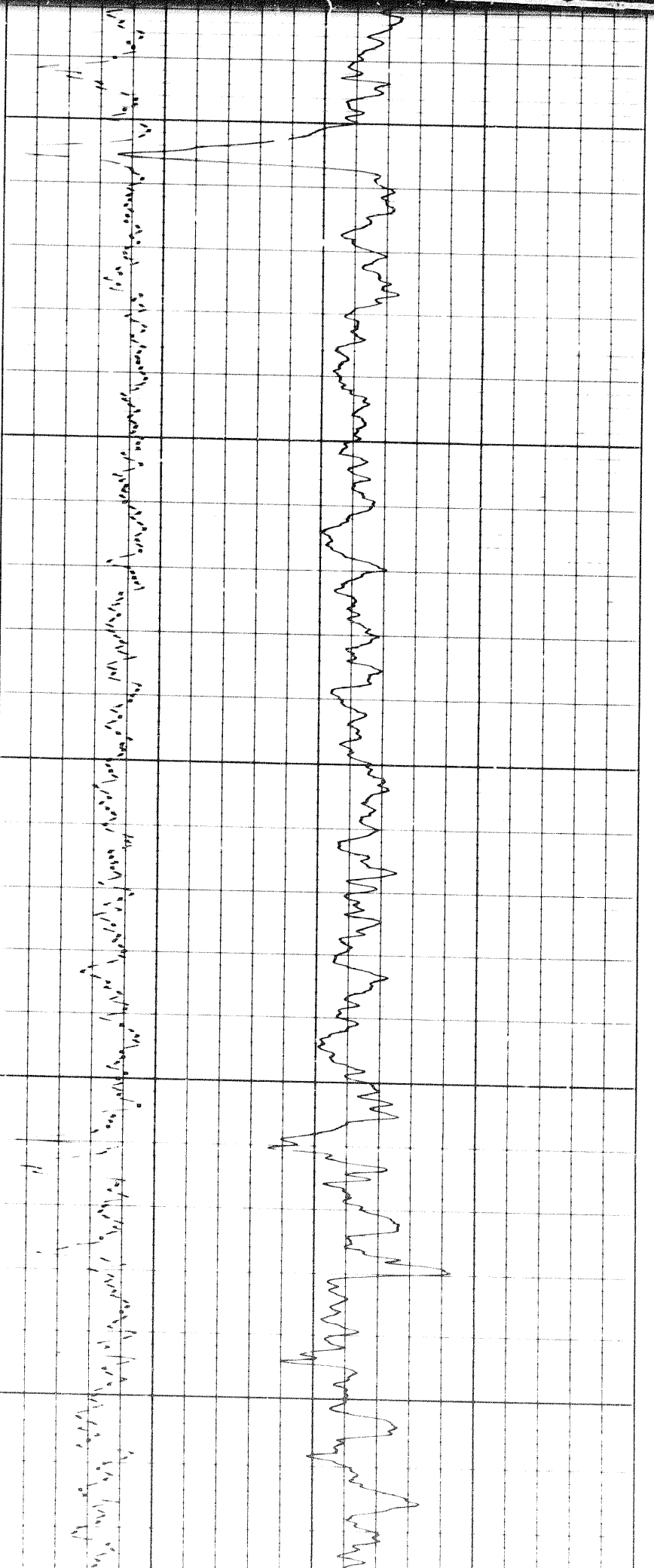
0.25 (+) 0 0.25 (-)



0060  
Casing

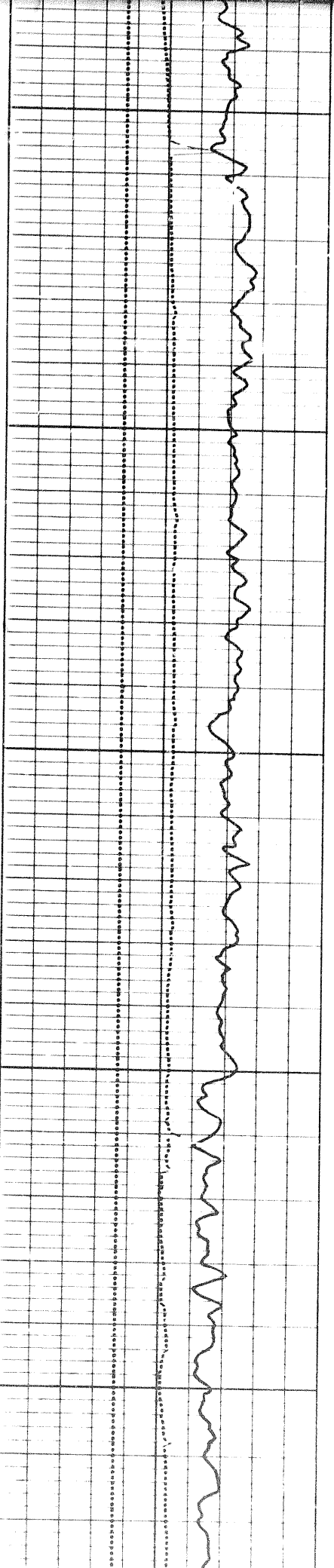
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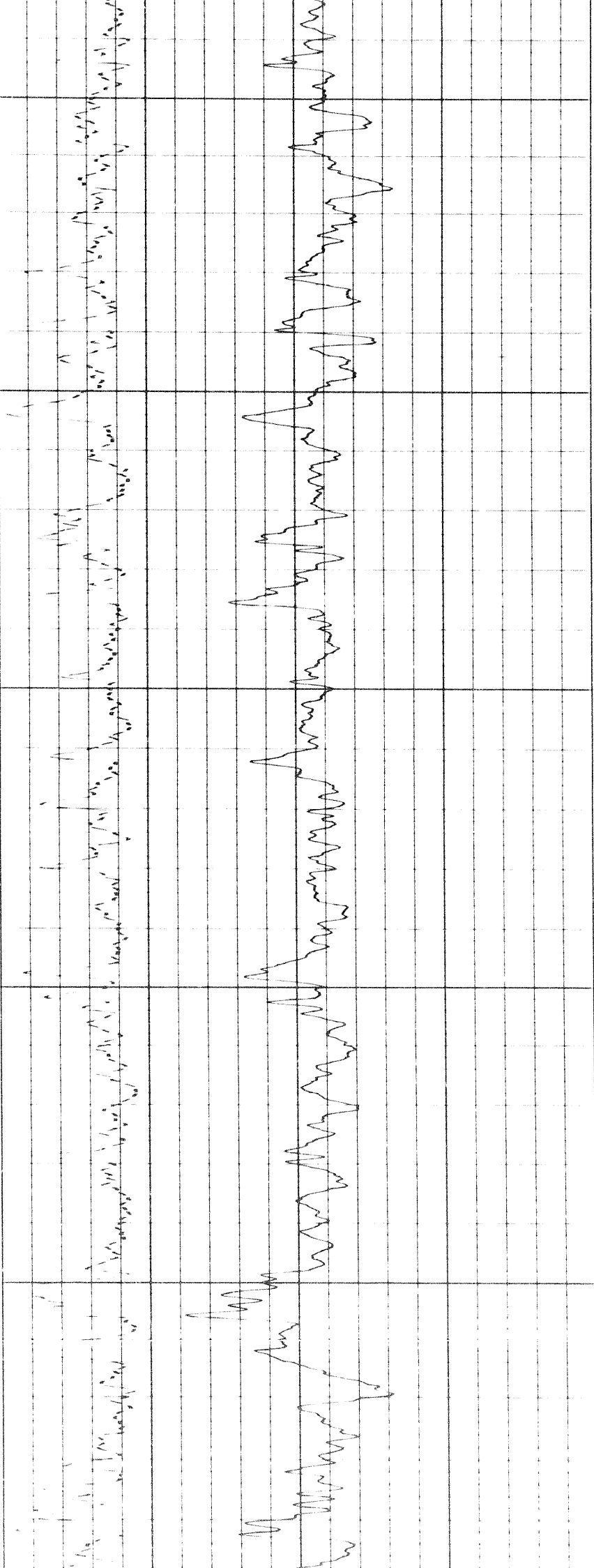




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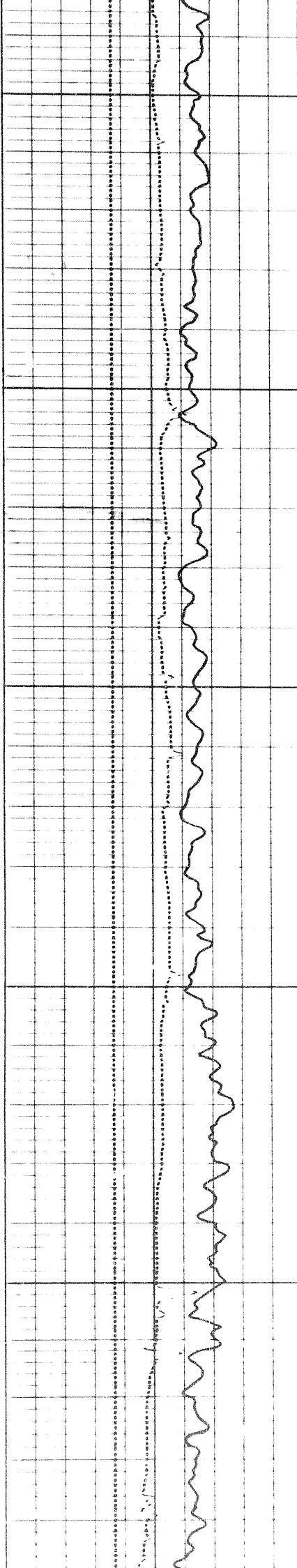
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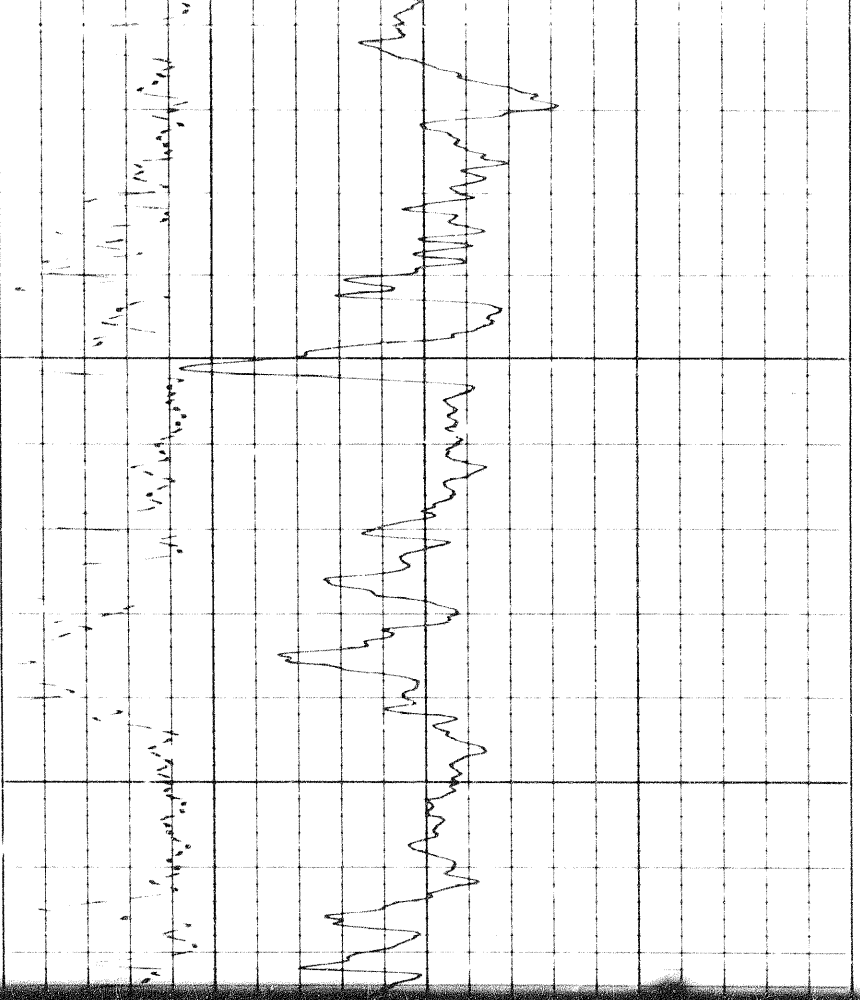
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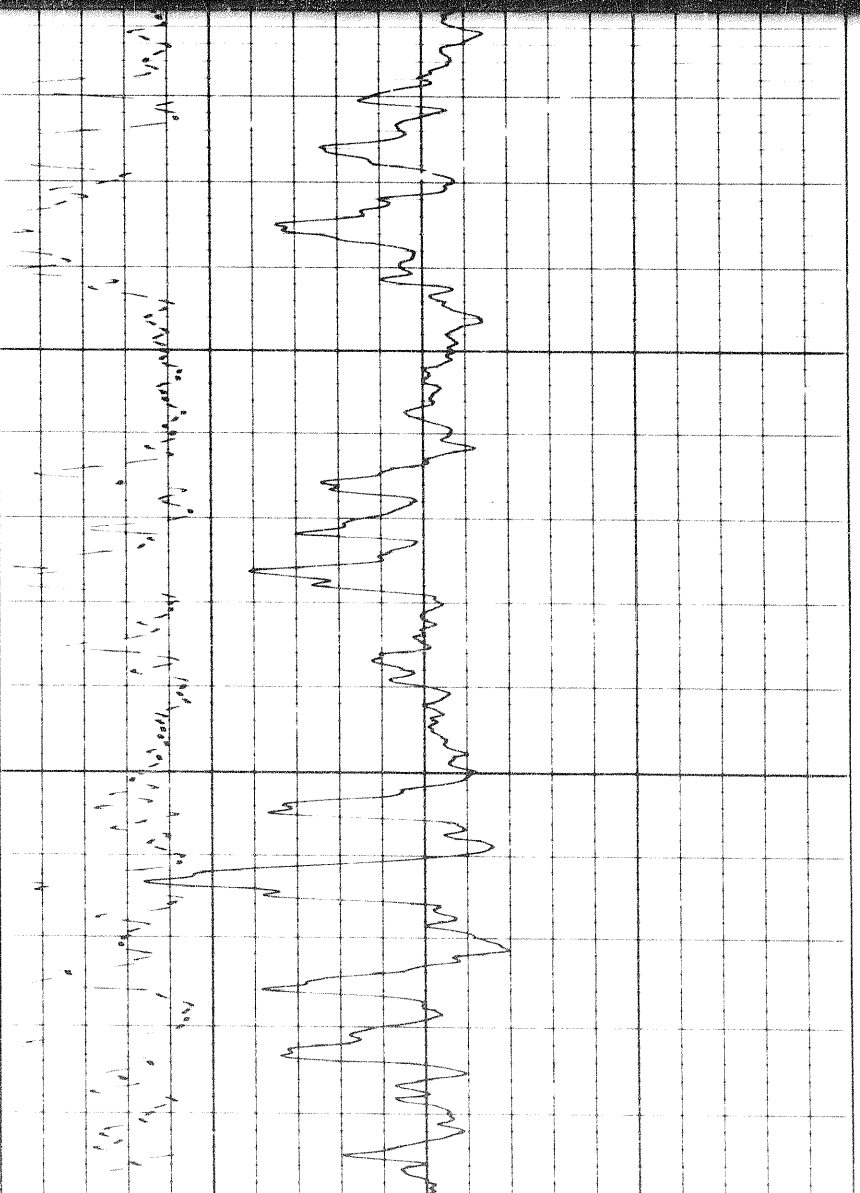


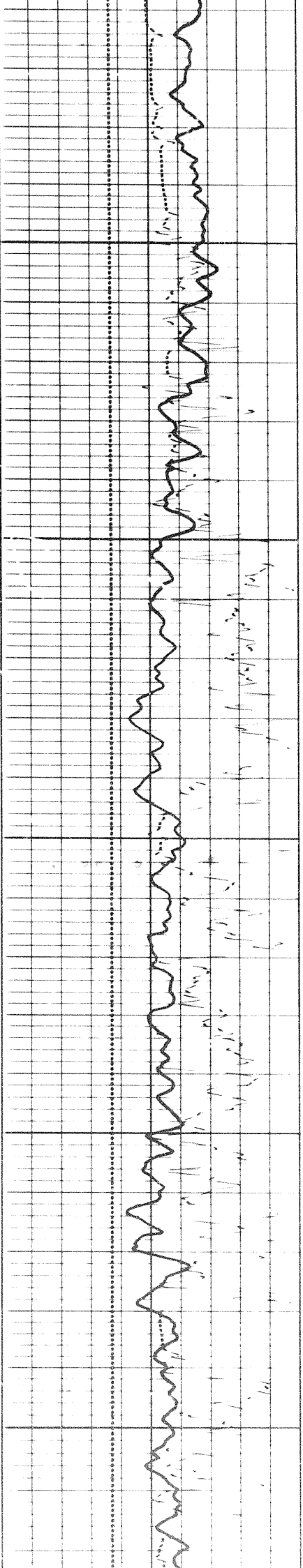
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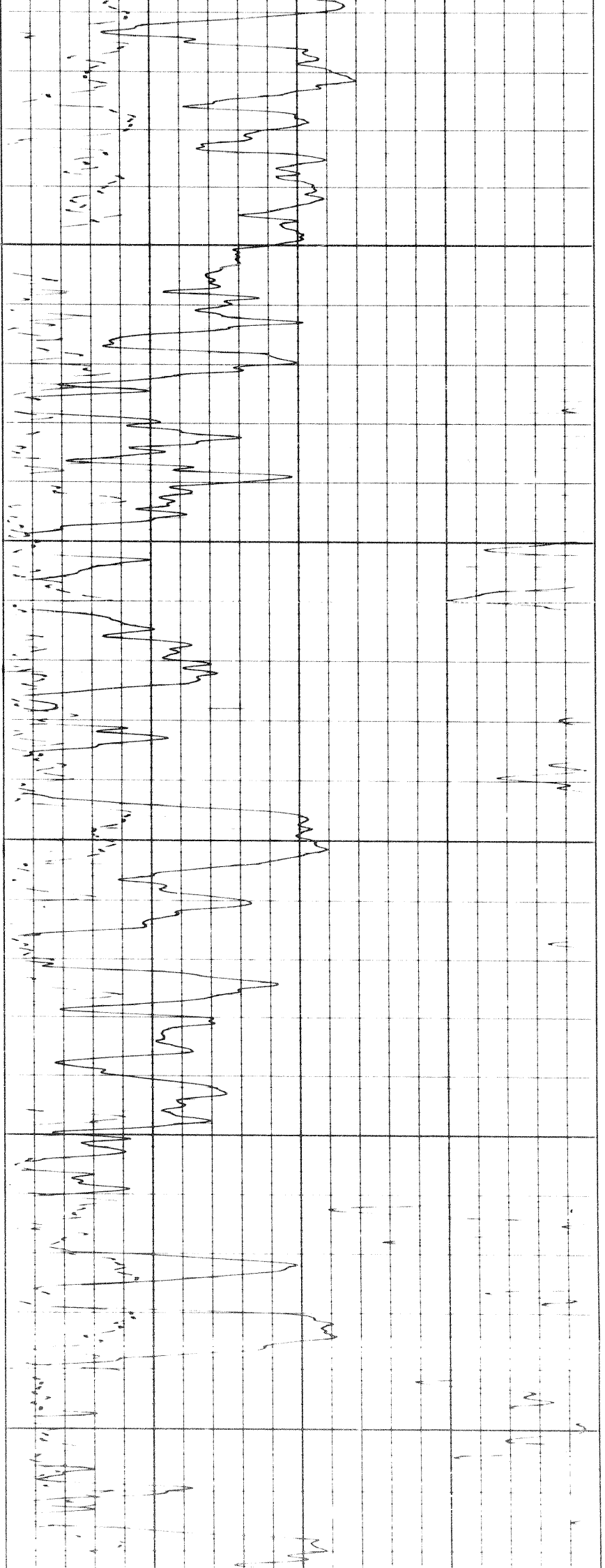
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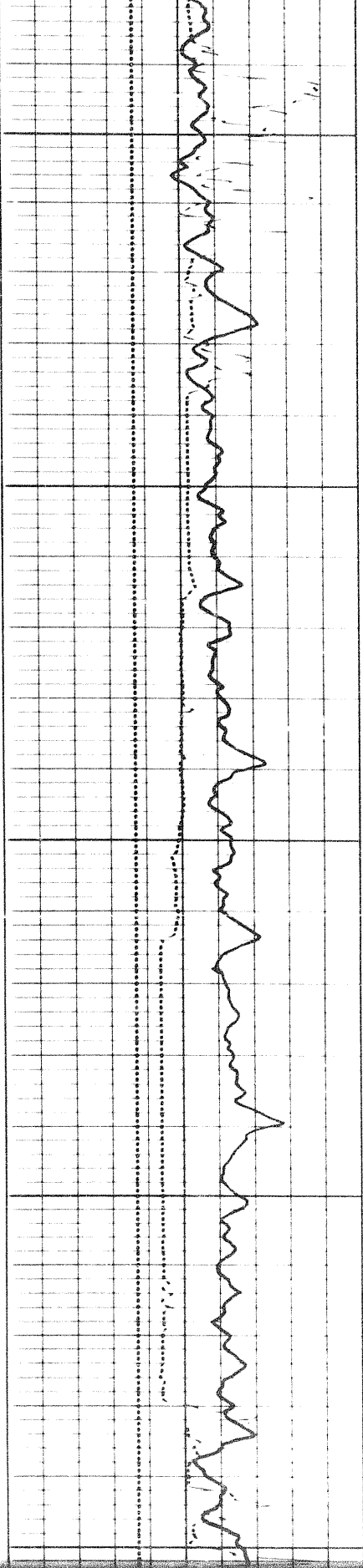


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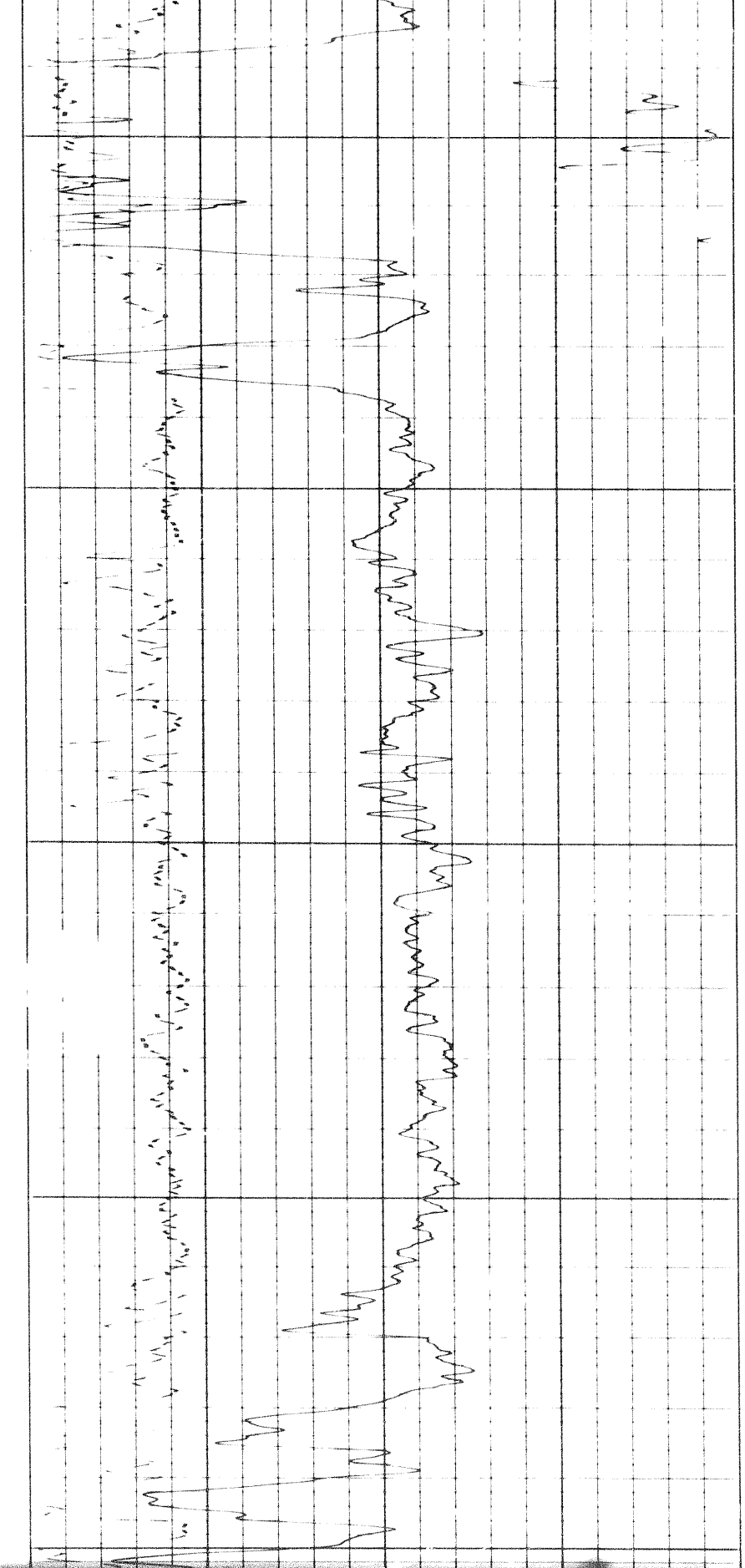


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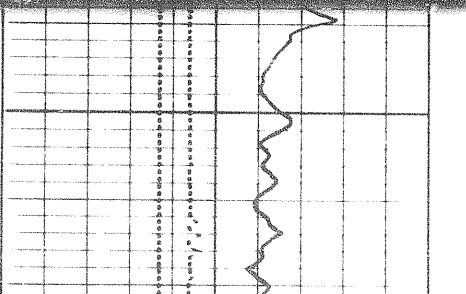


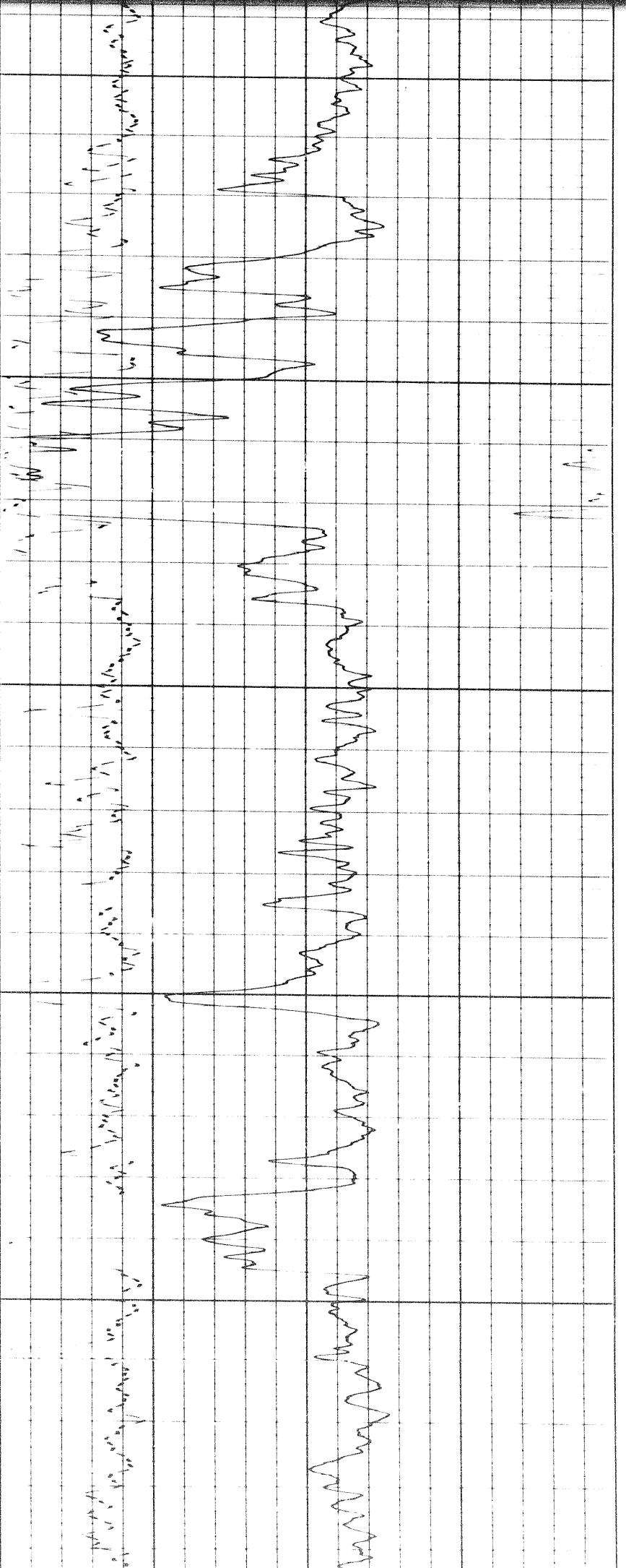
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2000

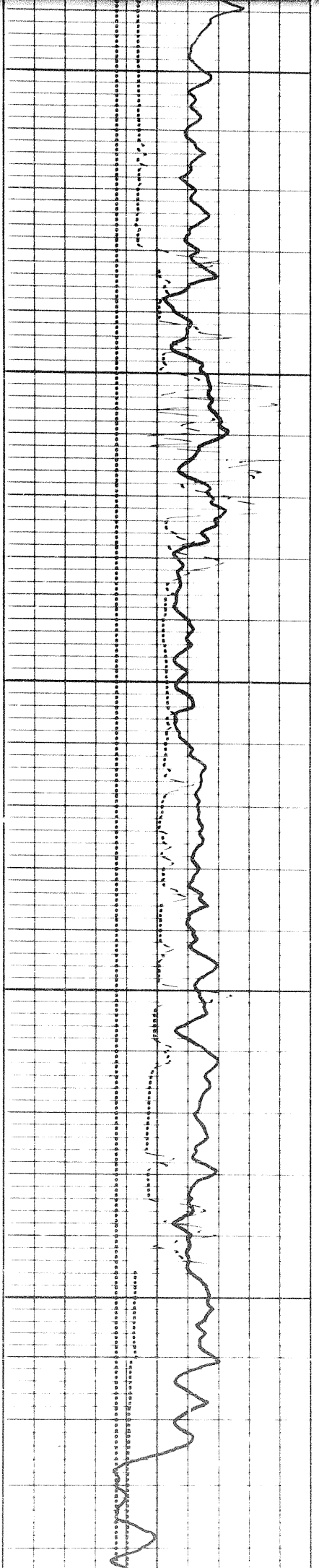




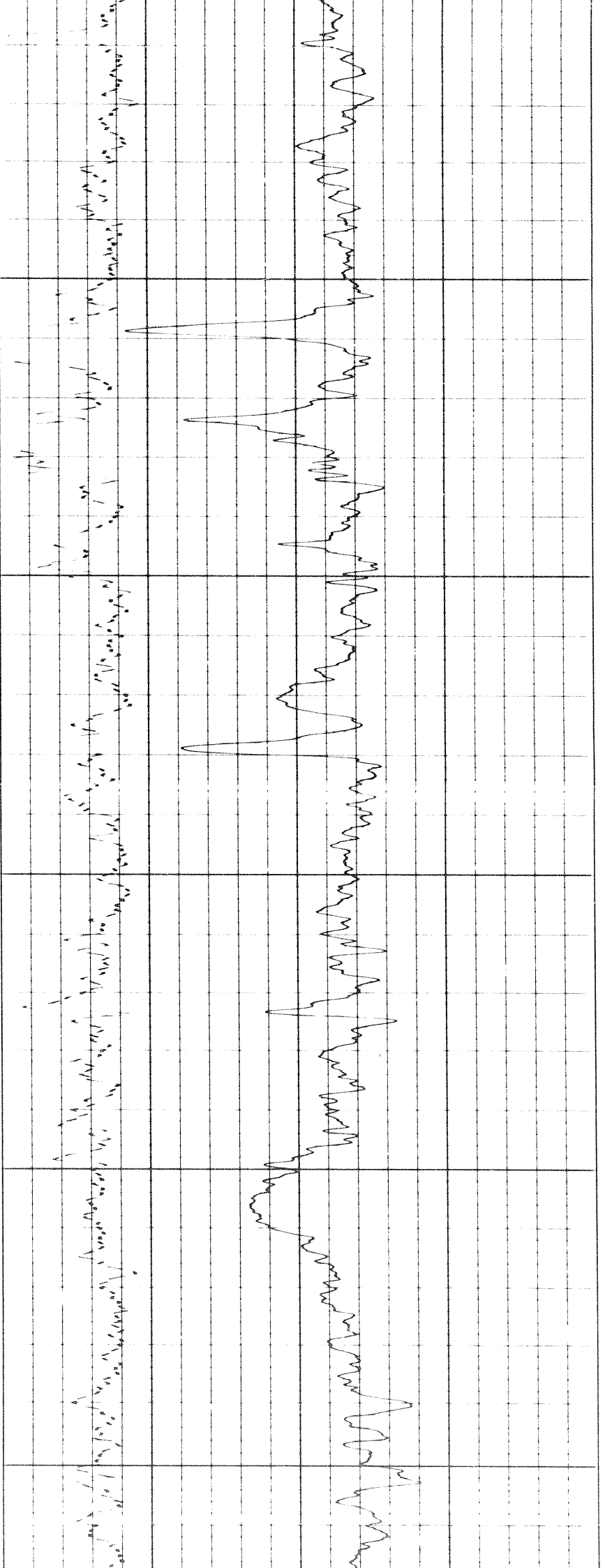
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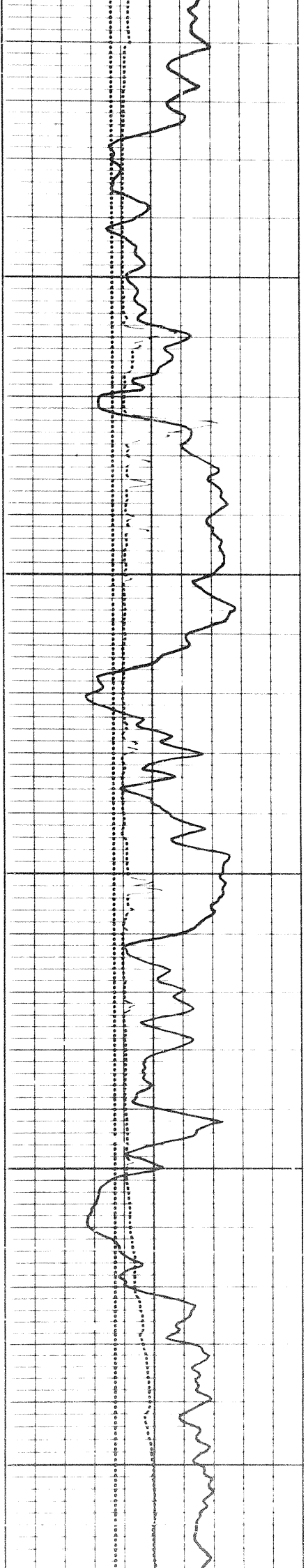






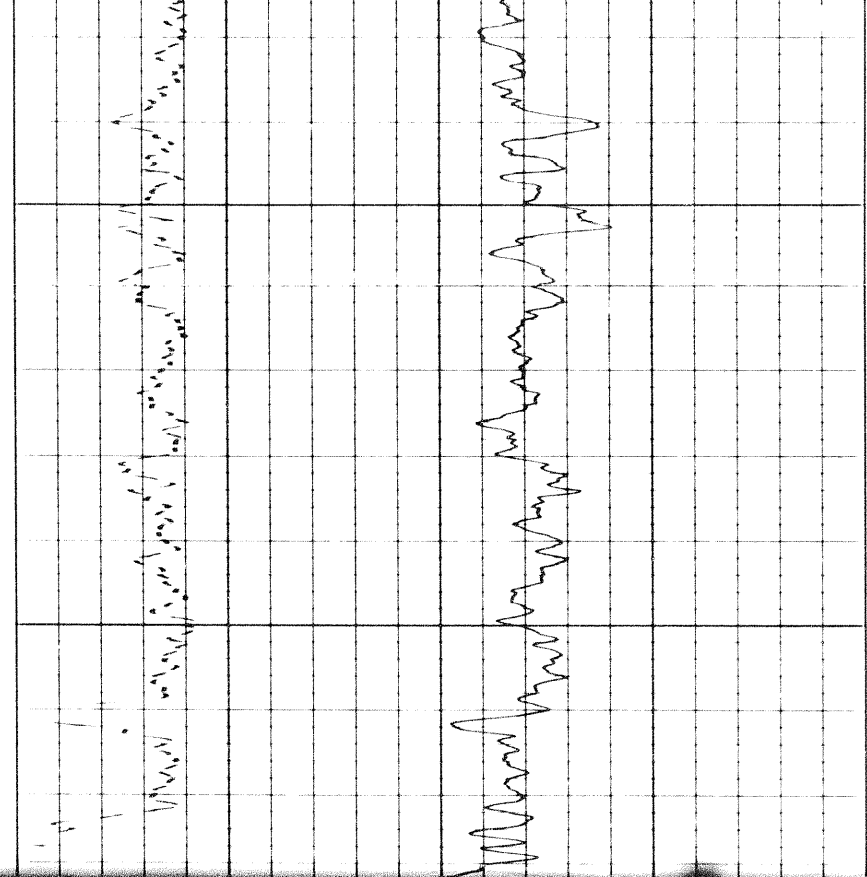
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2400

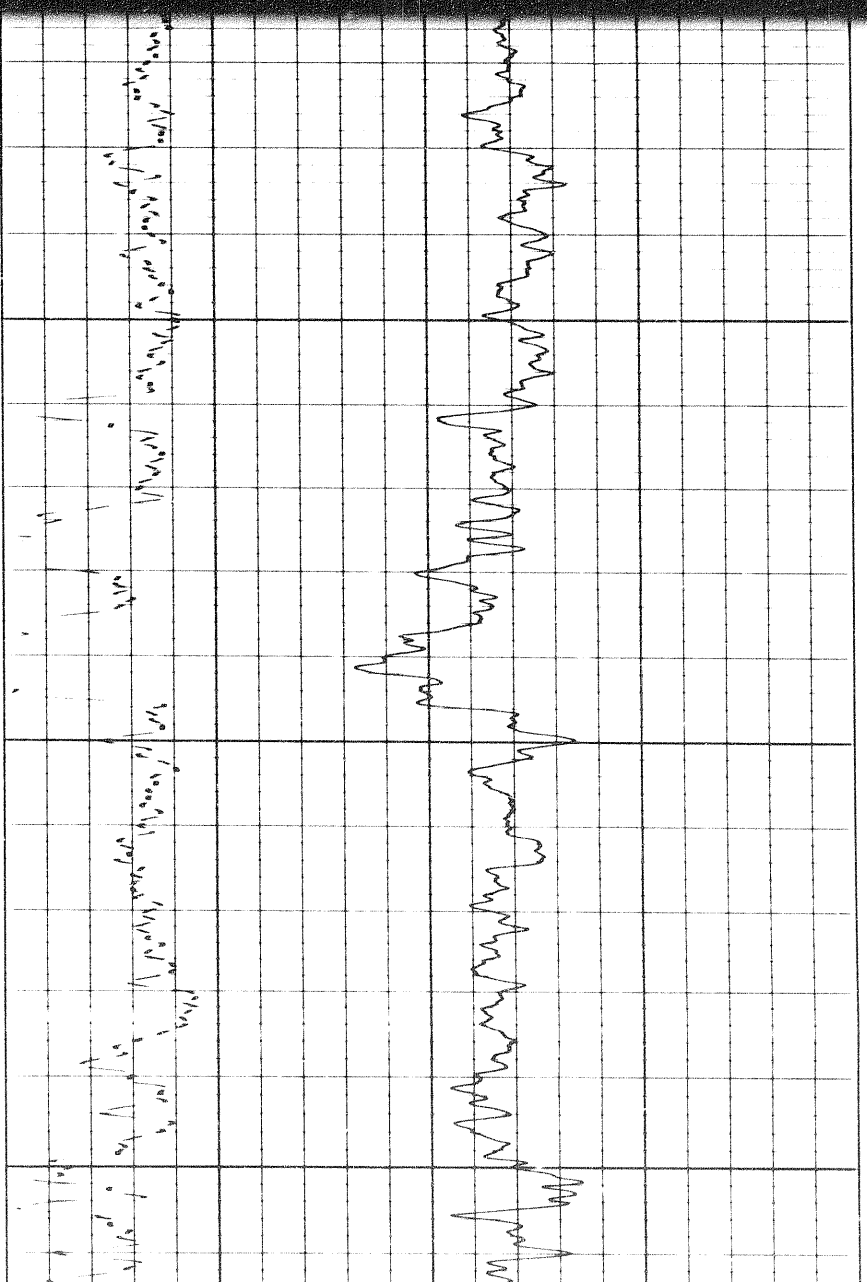


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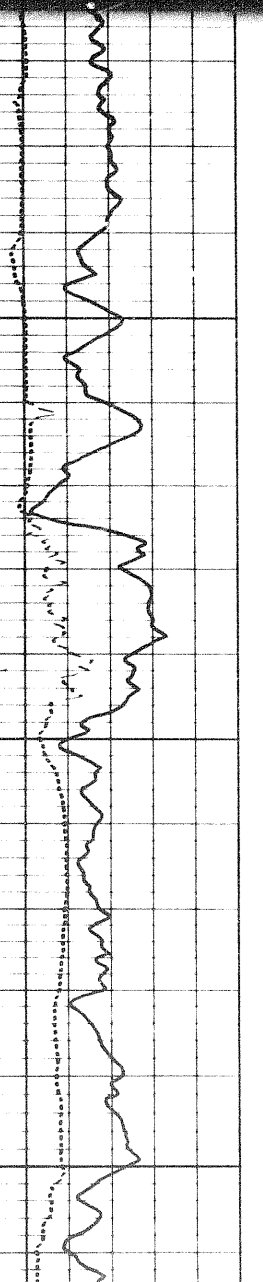
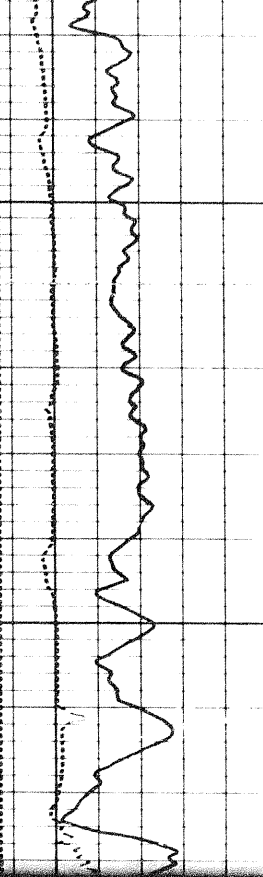
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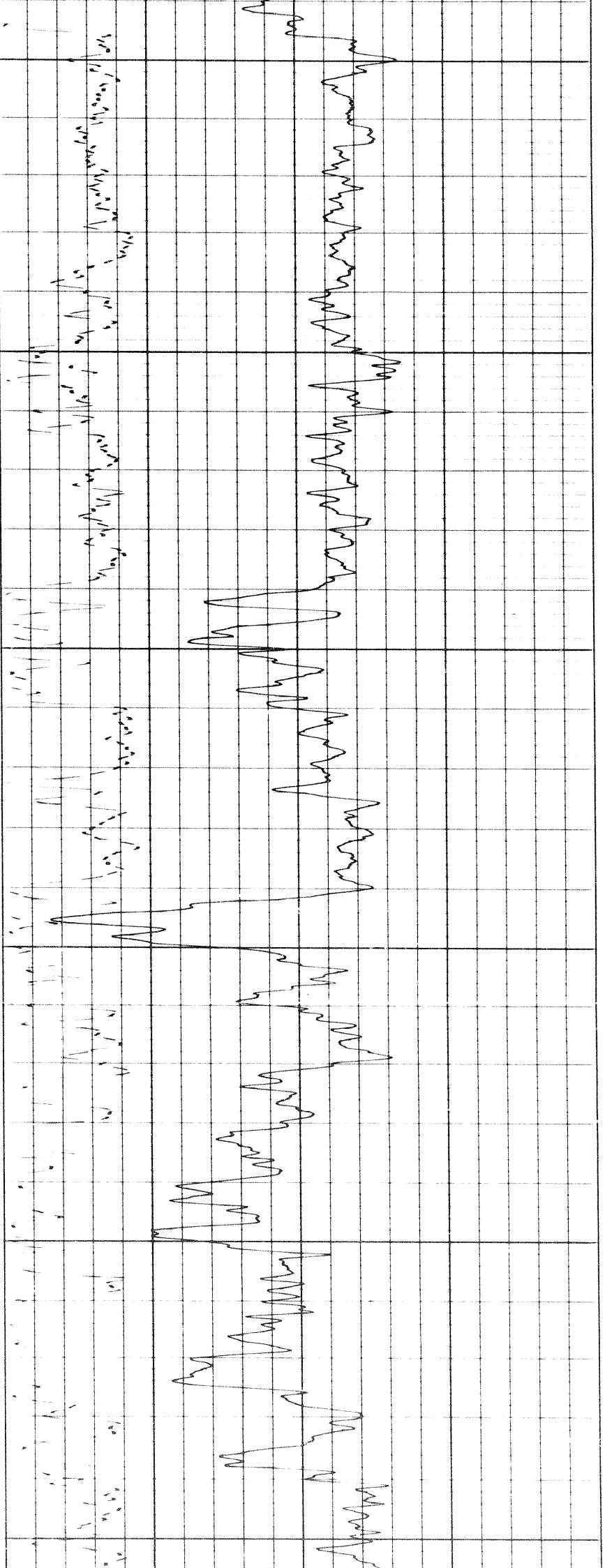


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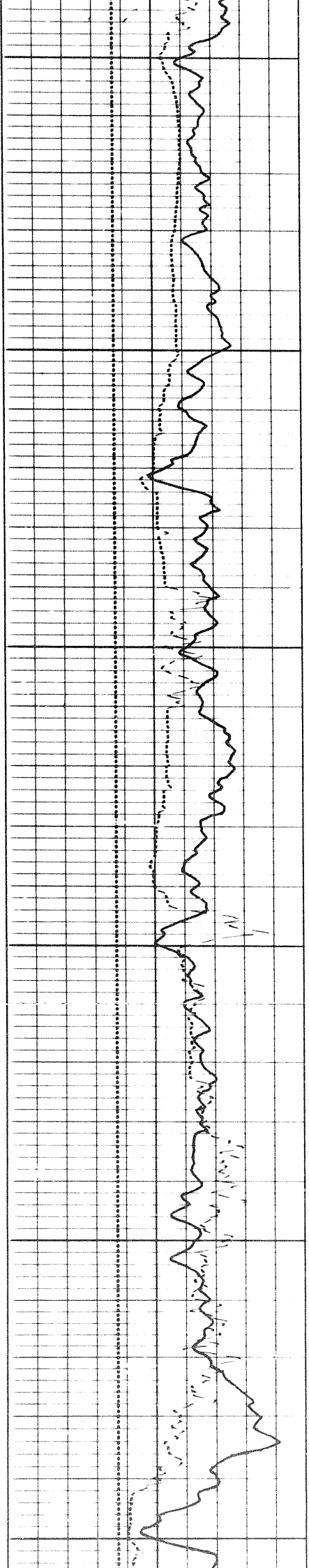


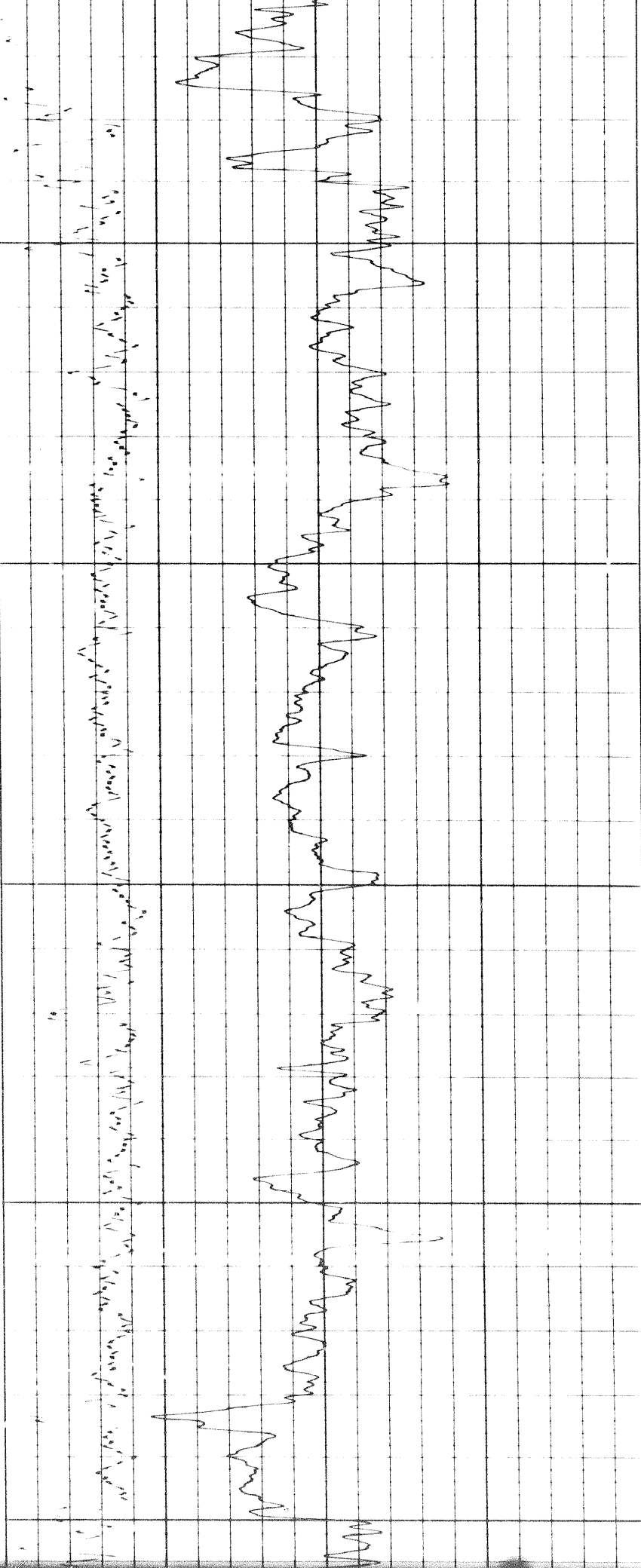


2600

2700

2800

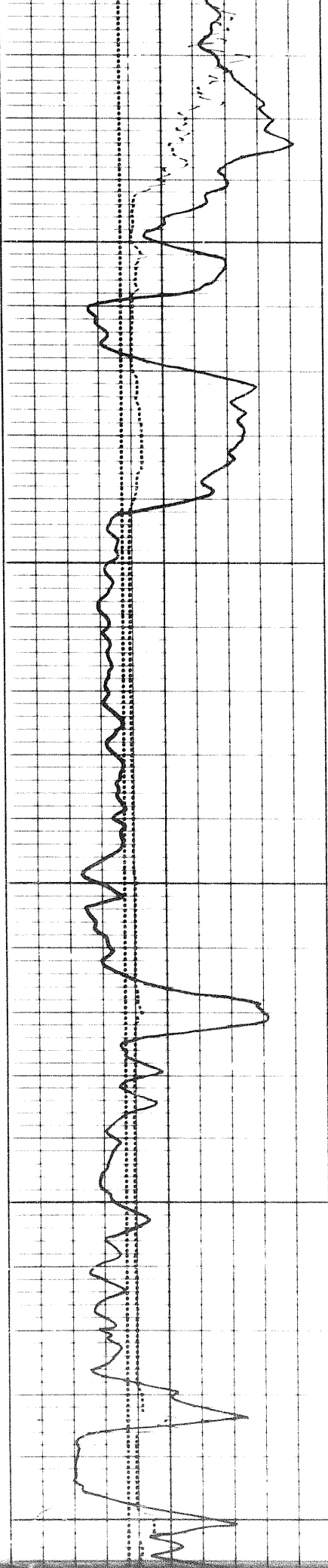




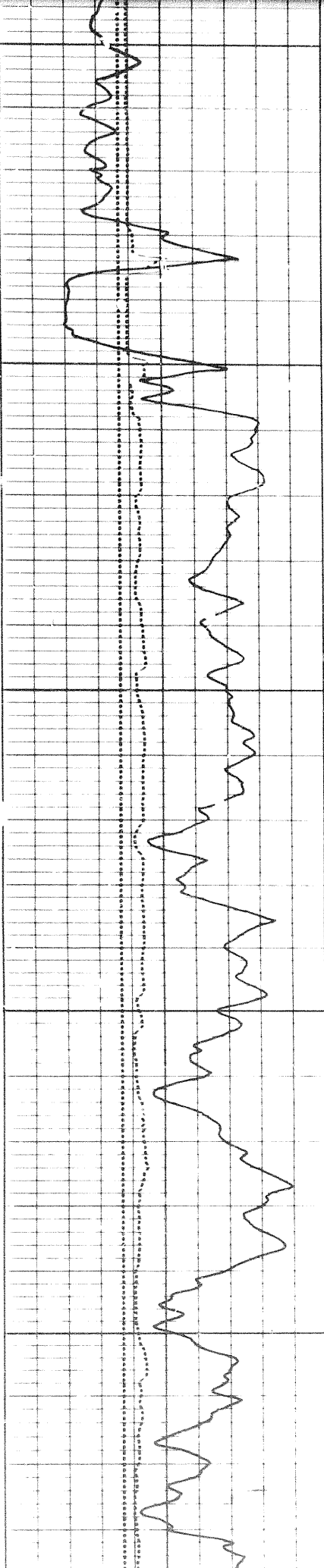
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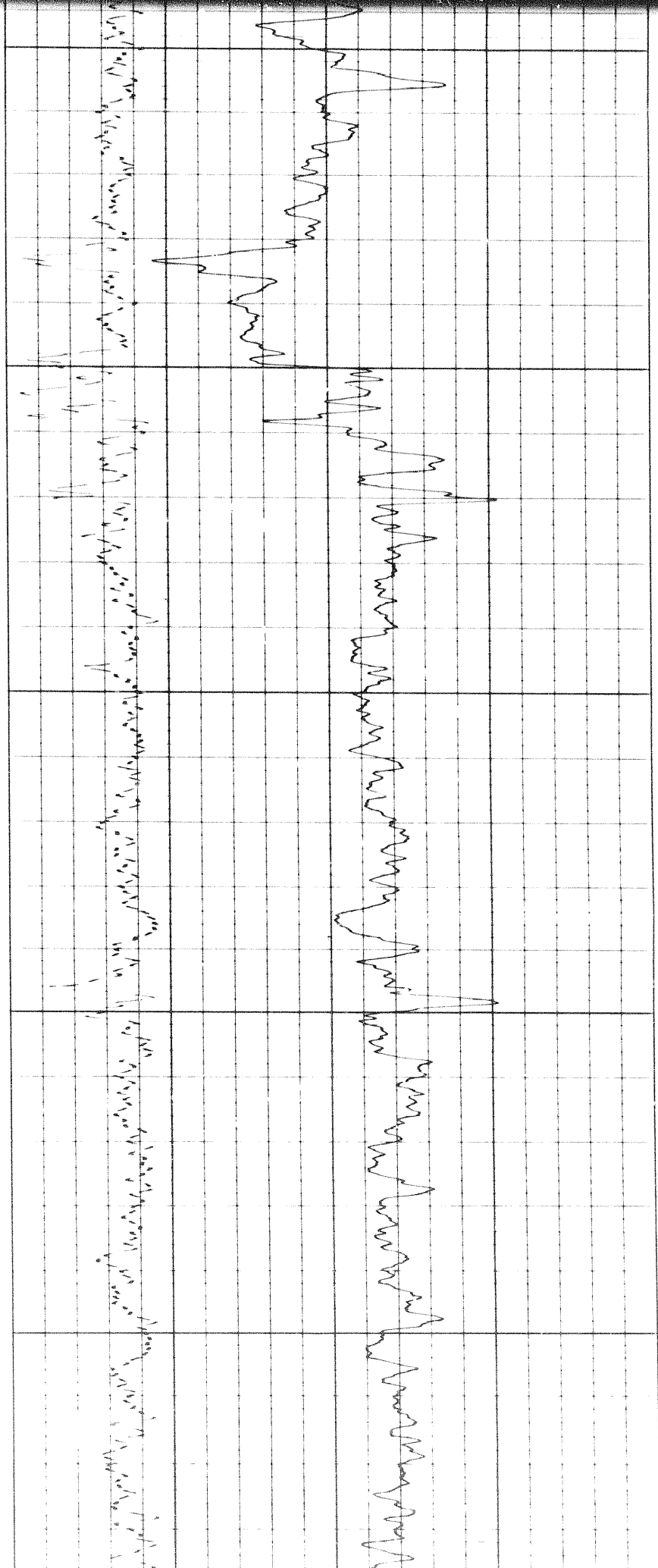


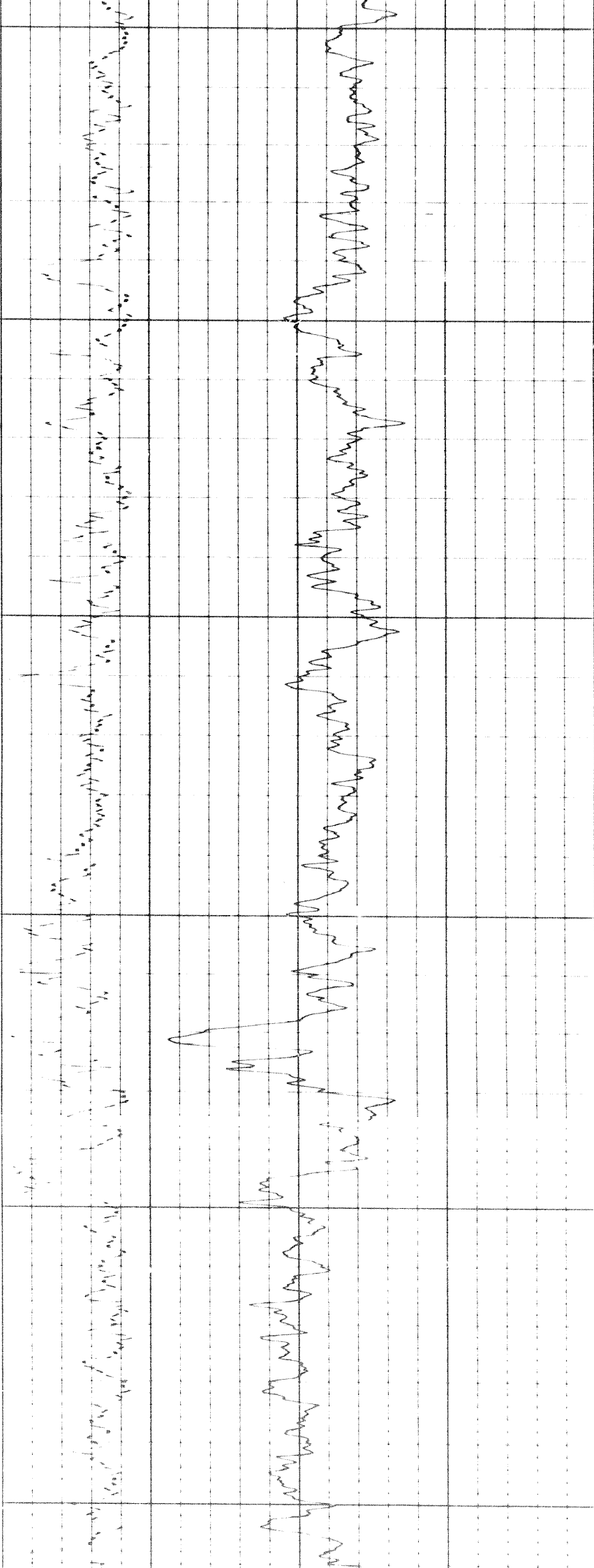
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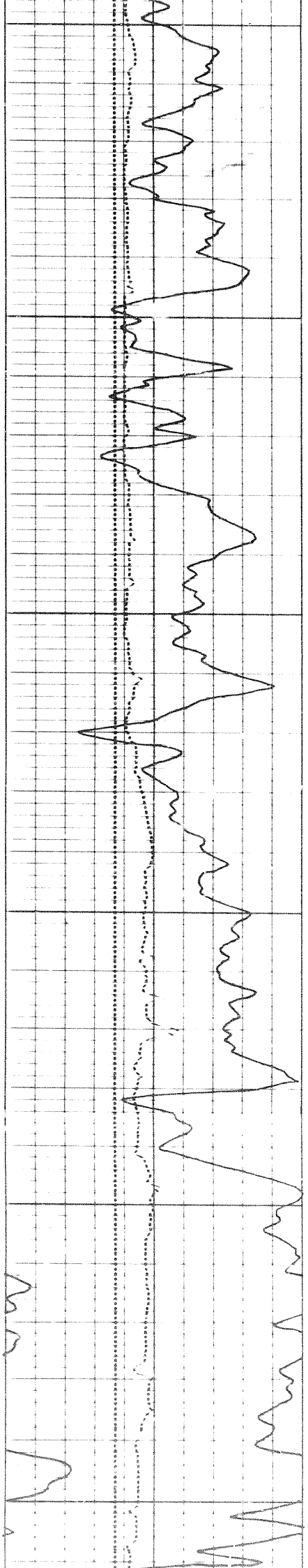


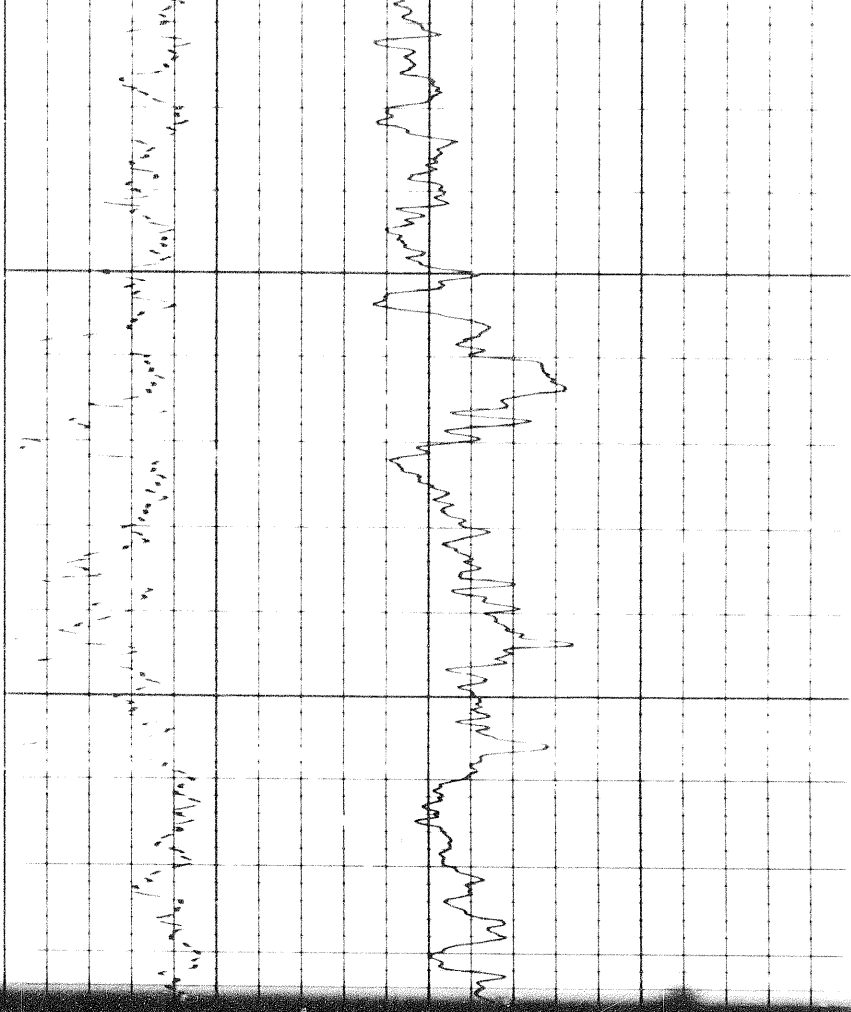


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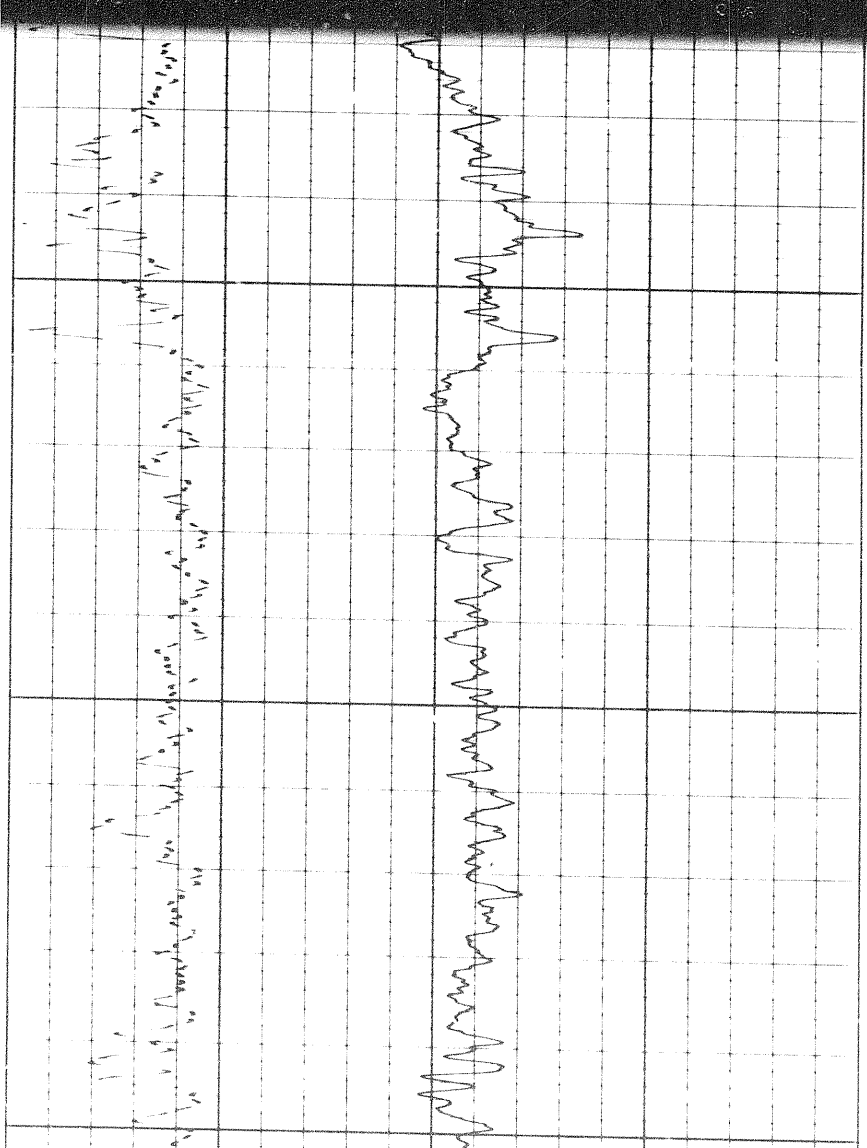
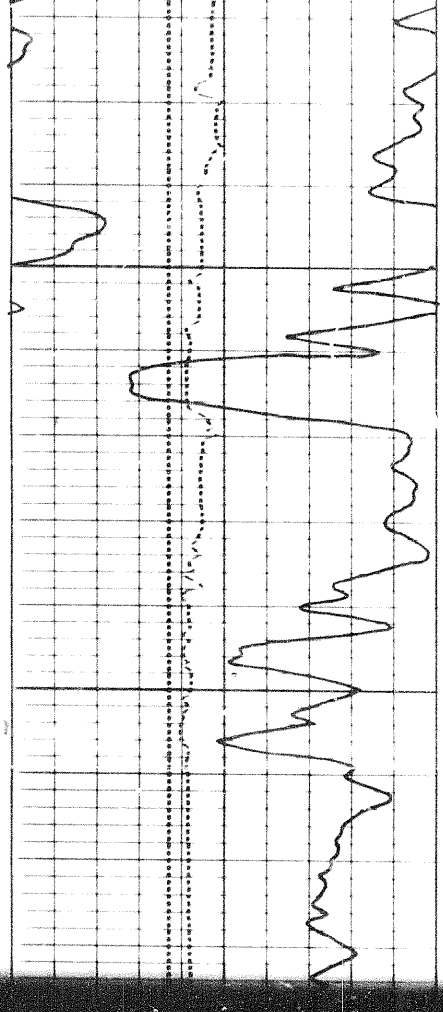
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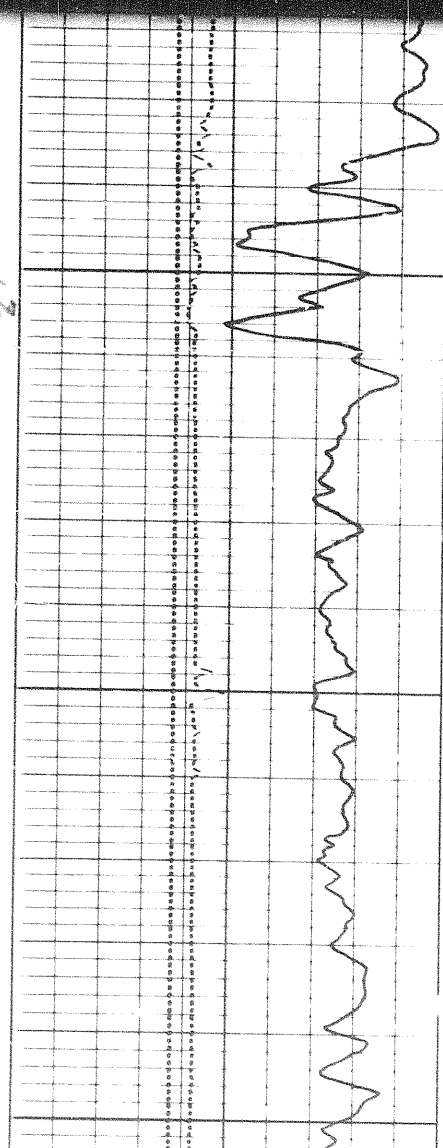




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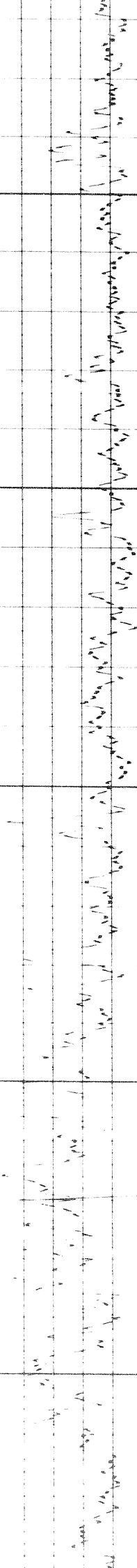
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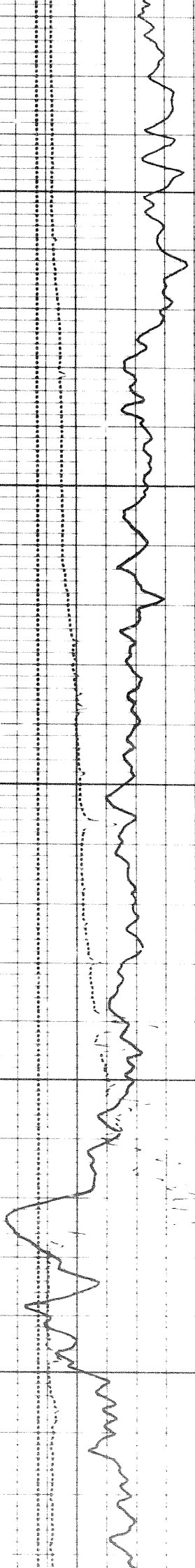
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Handwritten notes in the middle section of the page, likely providing further details or observations.

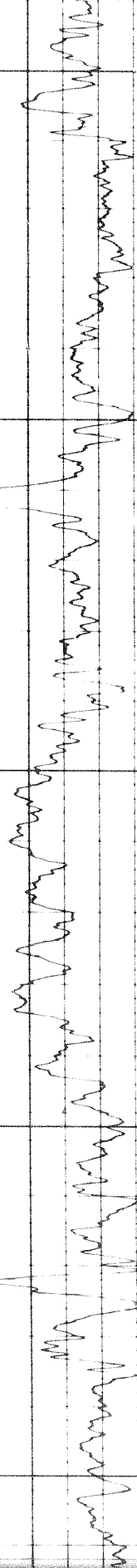


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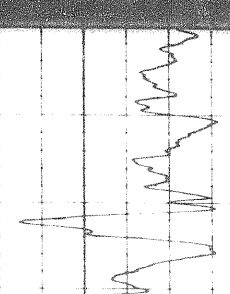
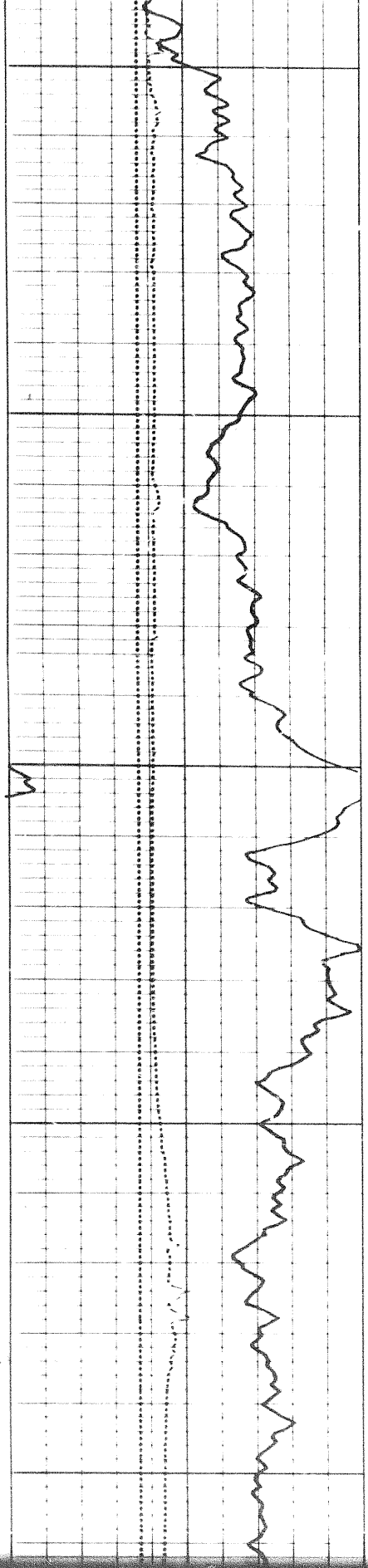




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3800

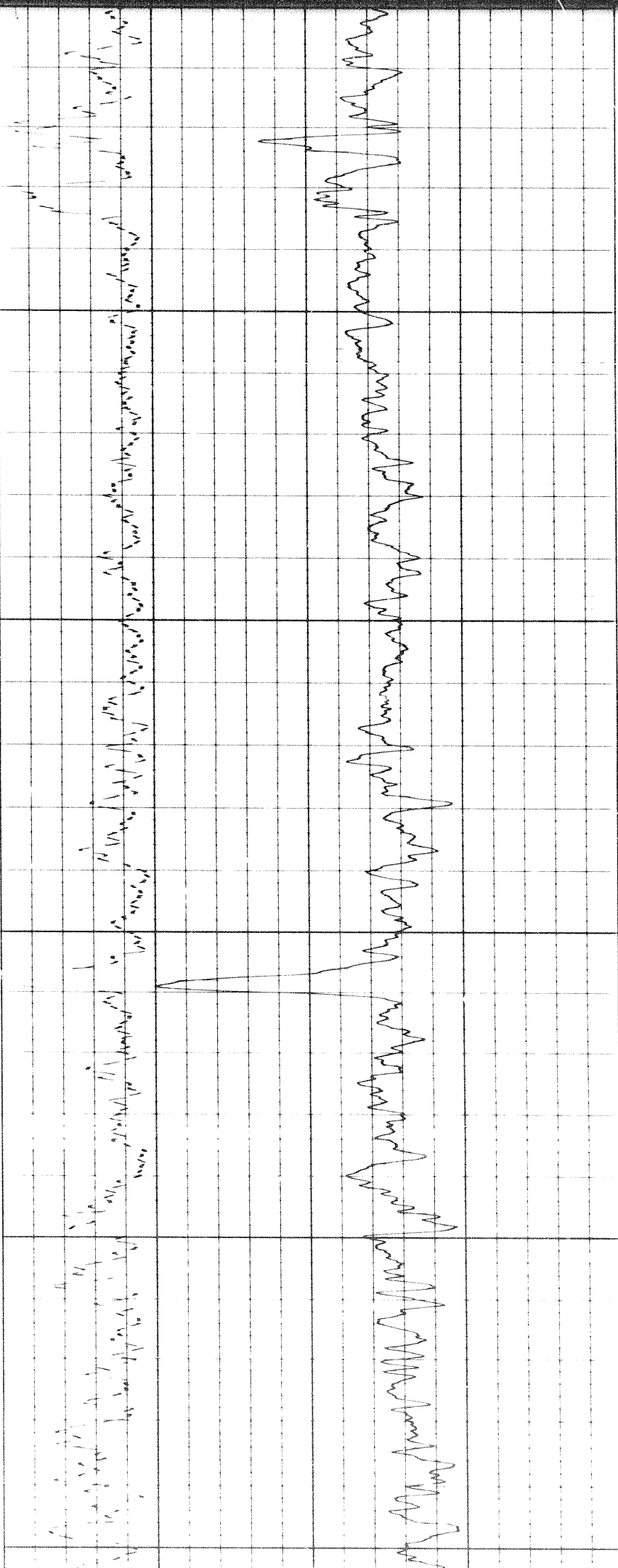
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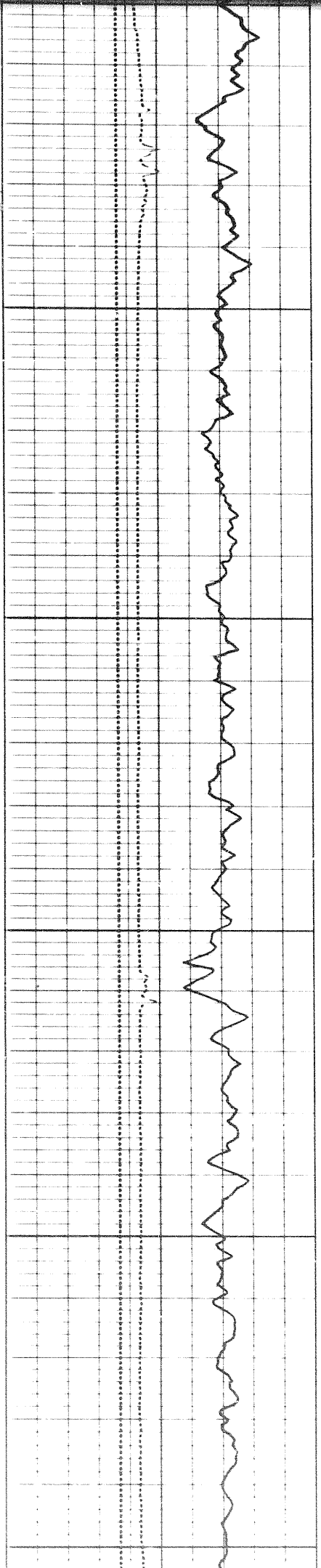
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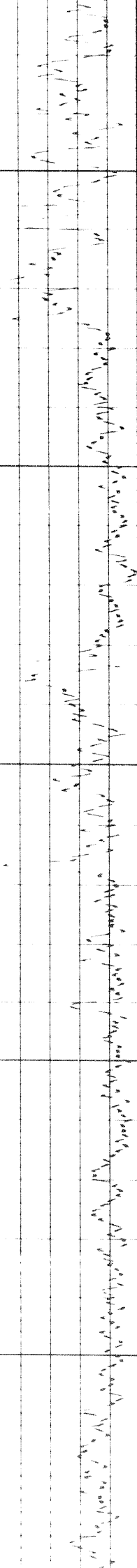
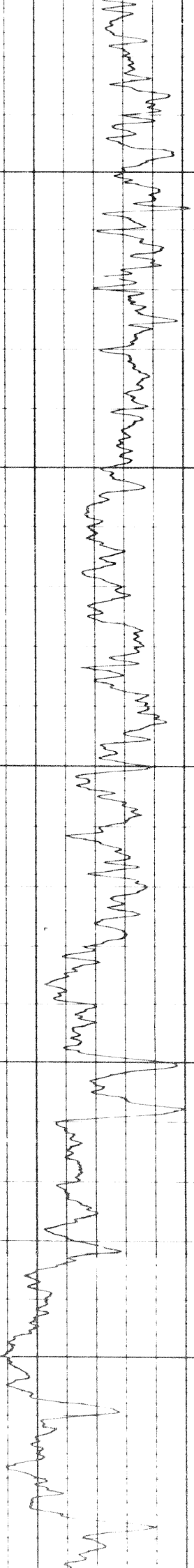


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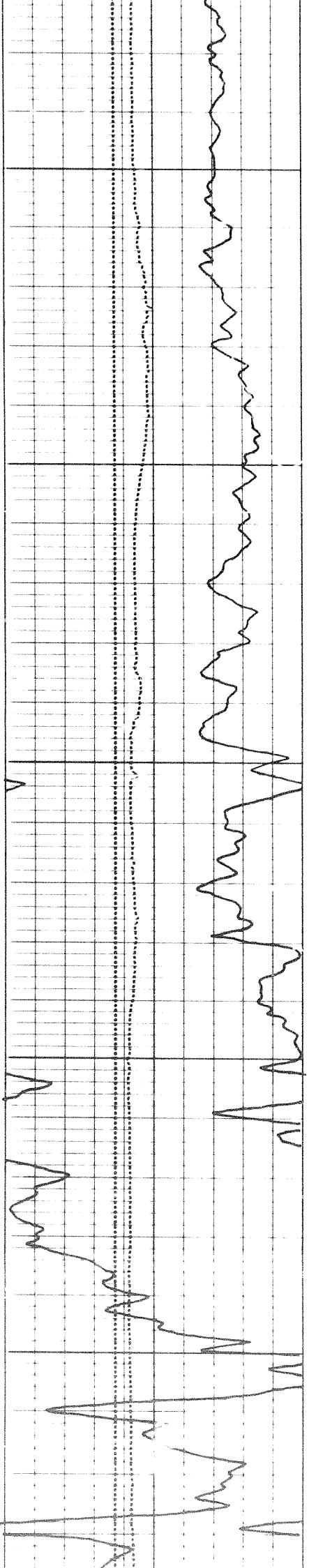
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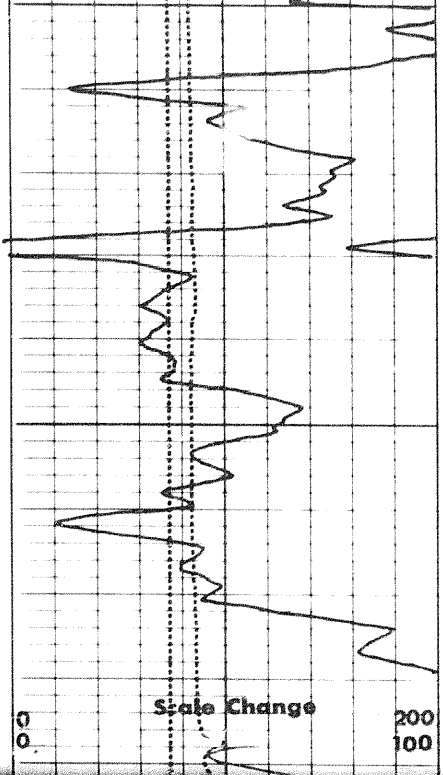


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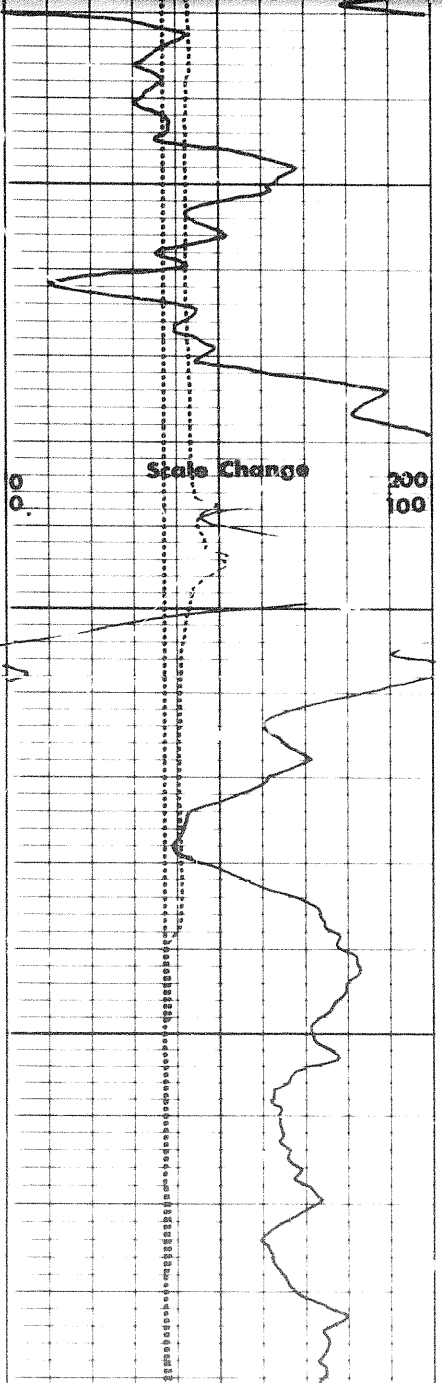
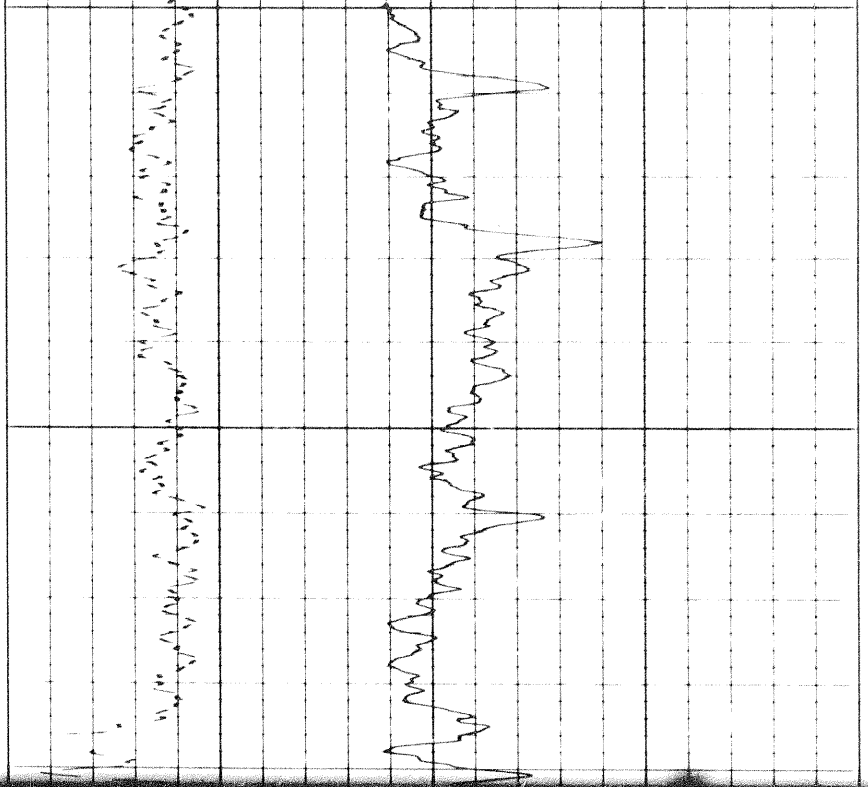
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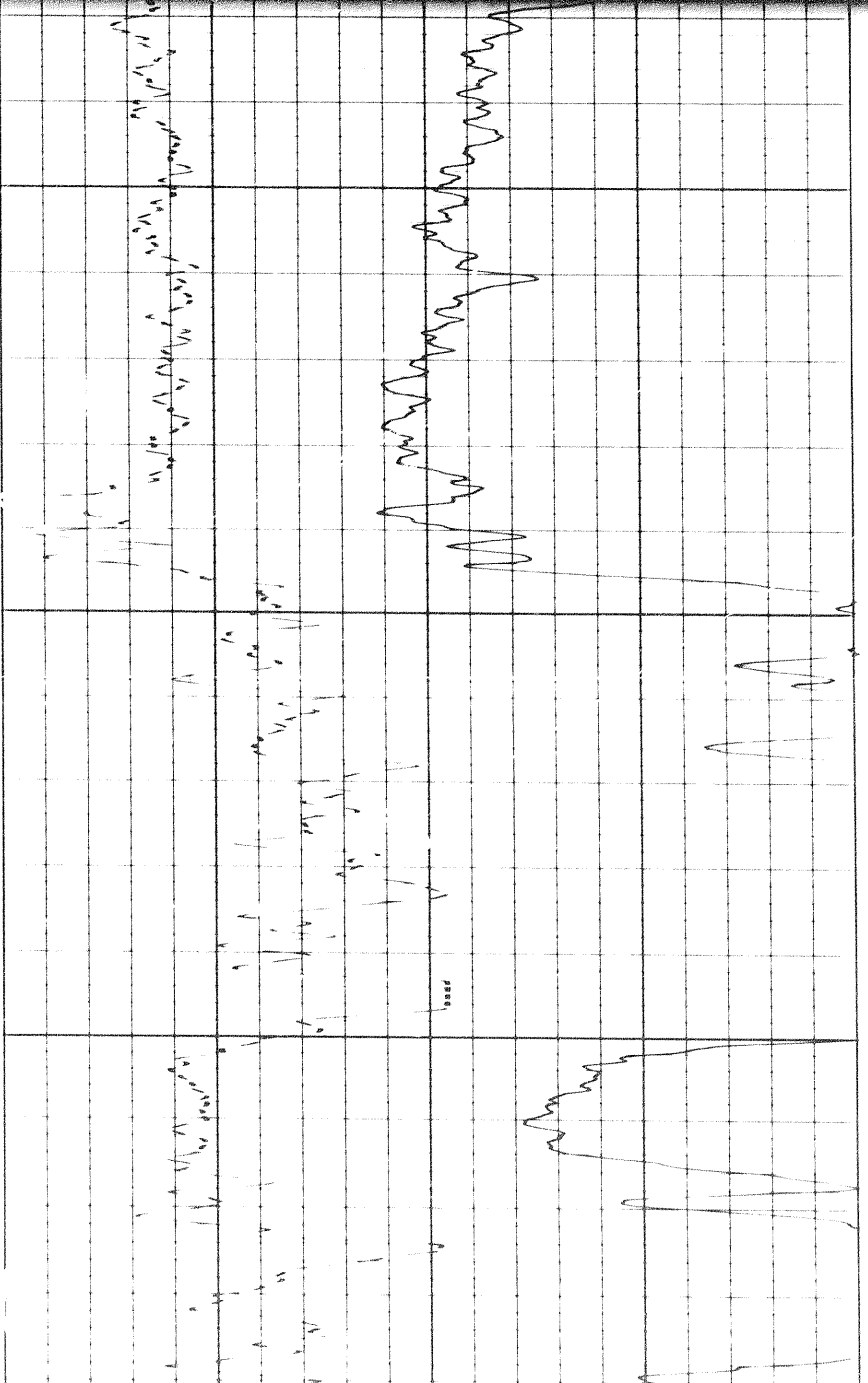
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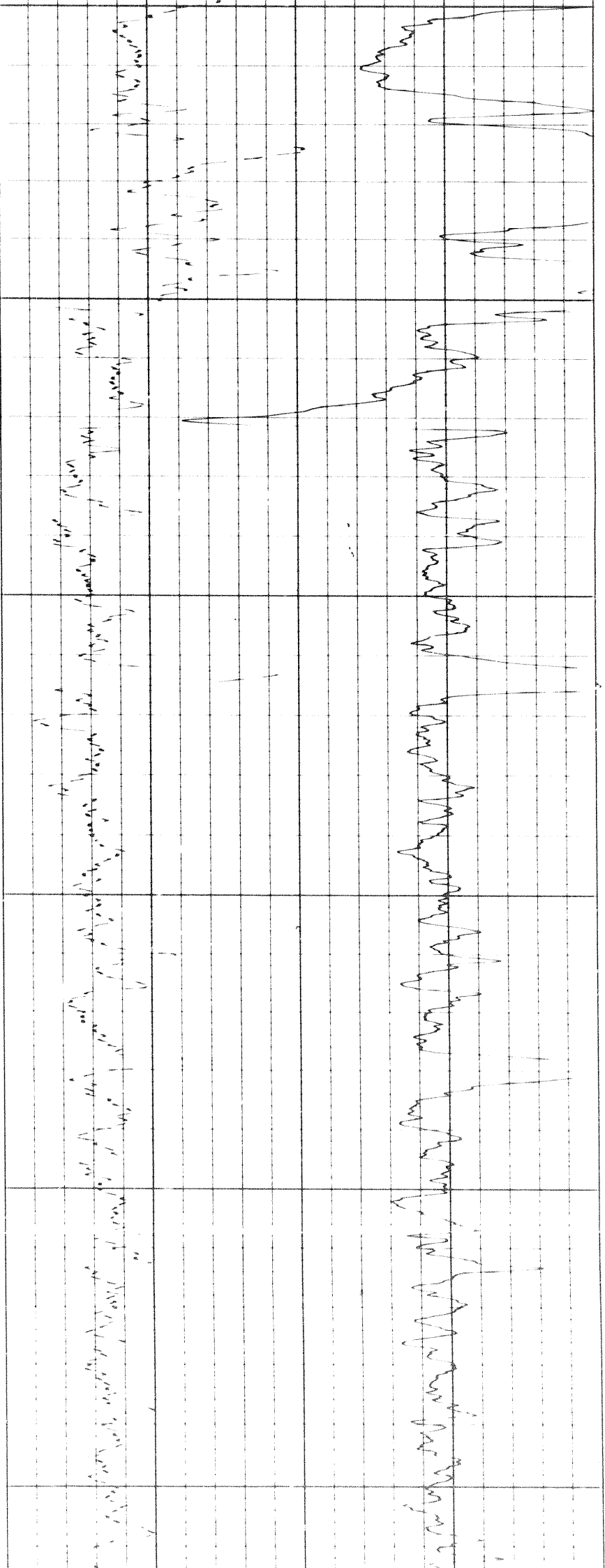
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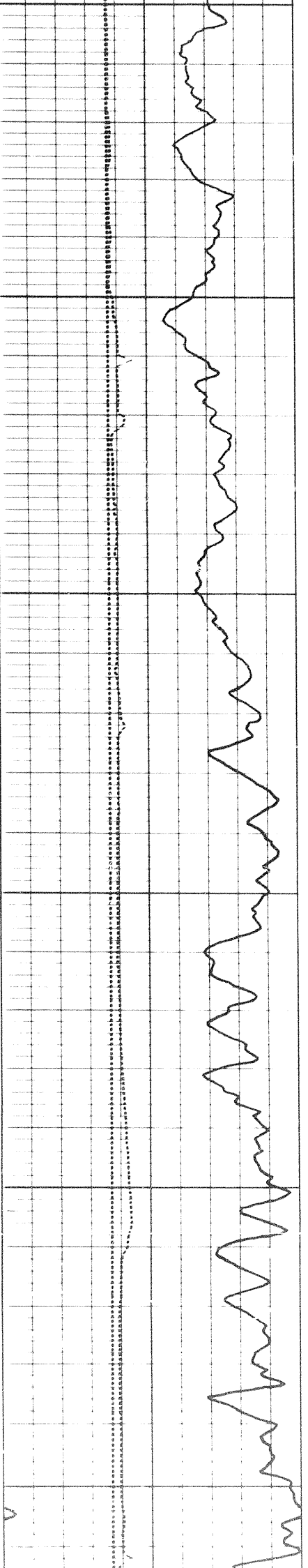
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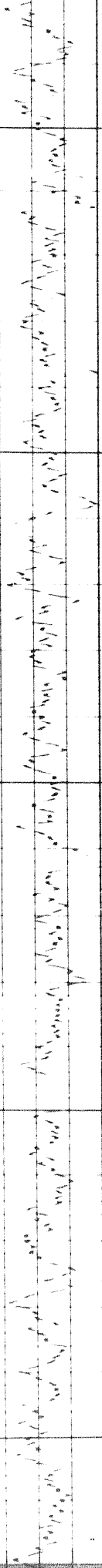
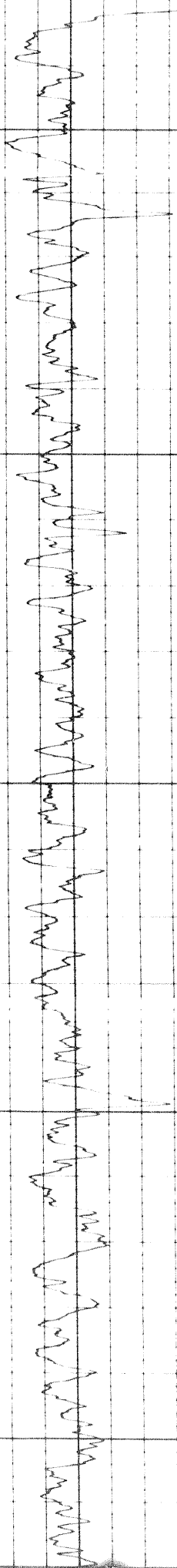


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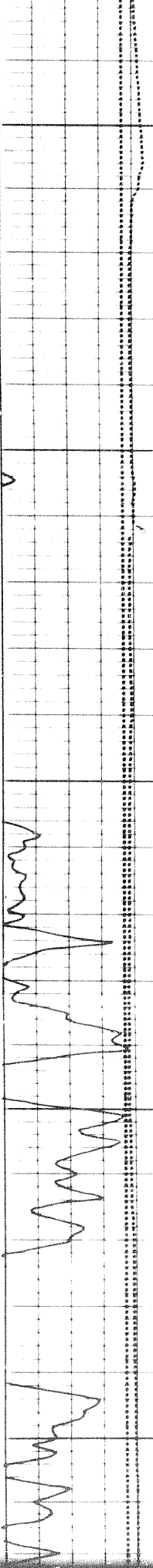
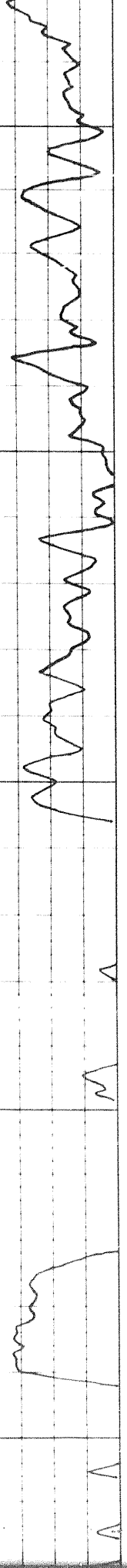




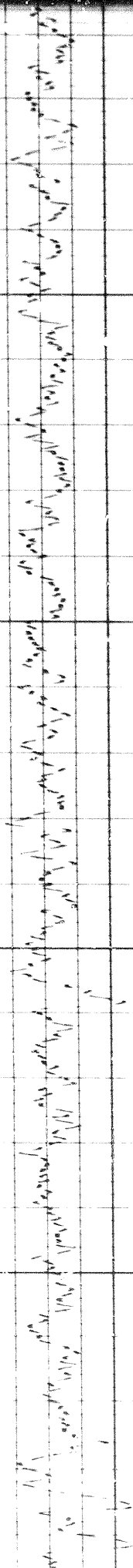
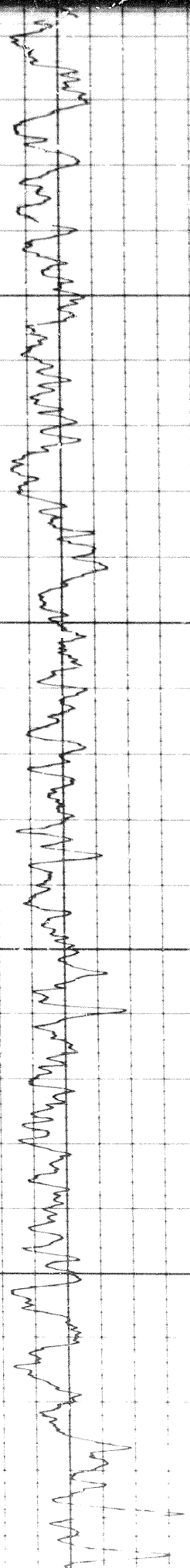
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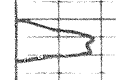
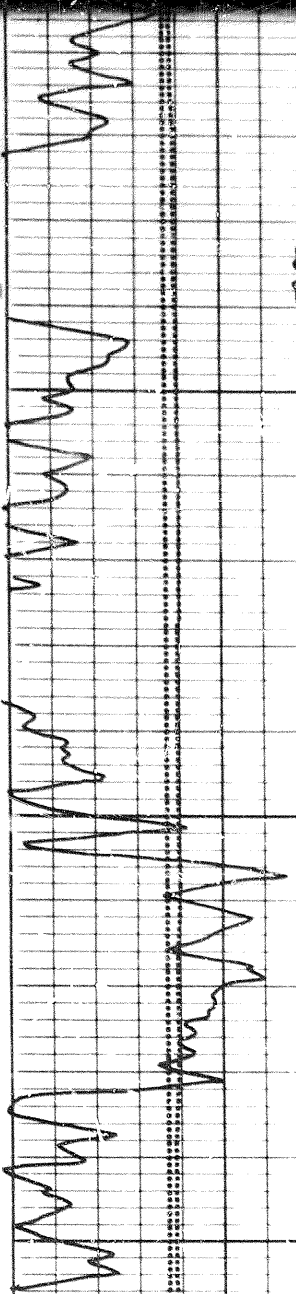
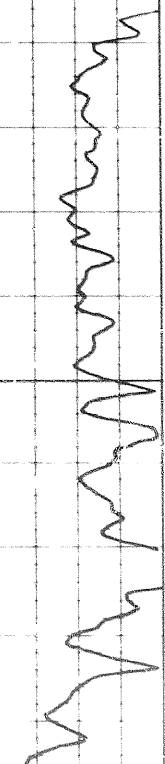
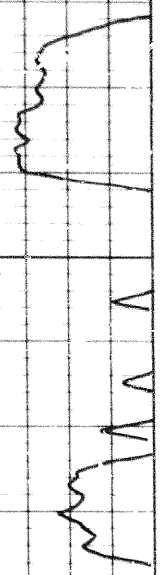


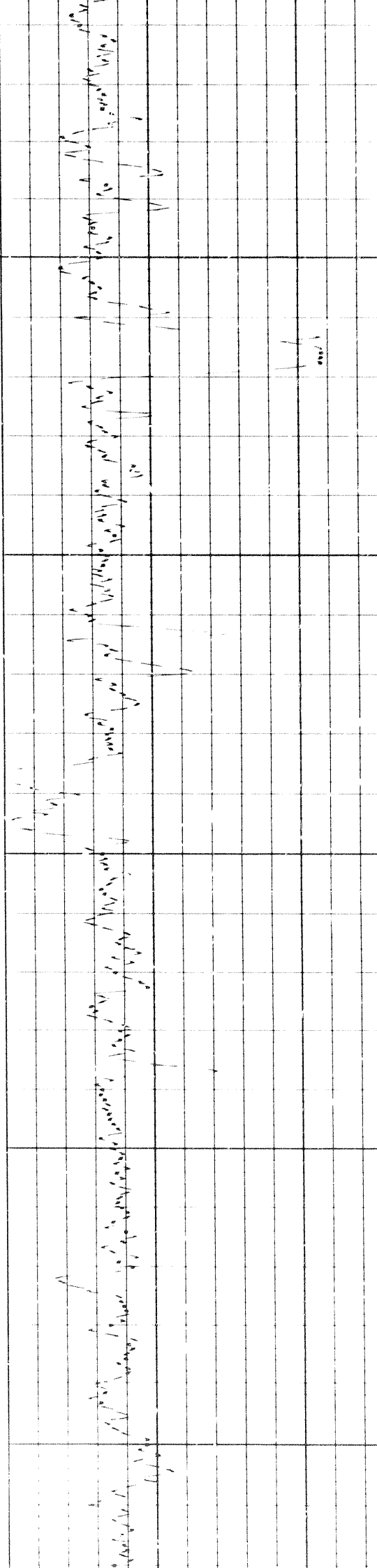
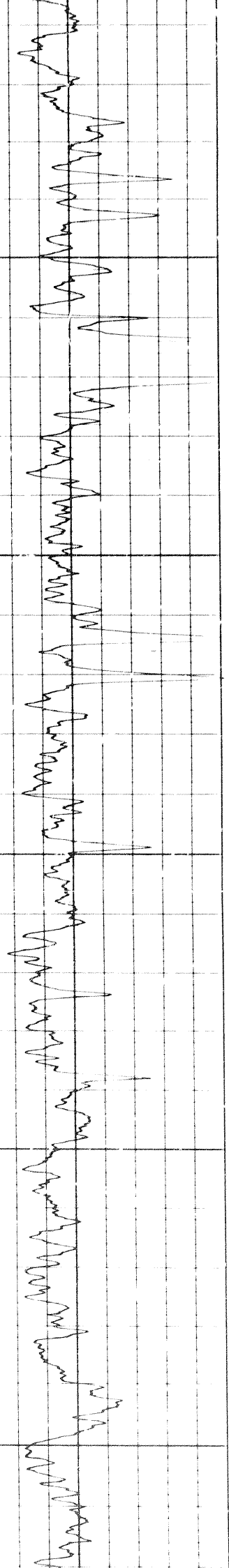
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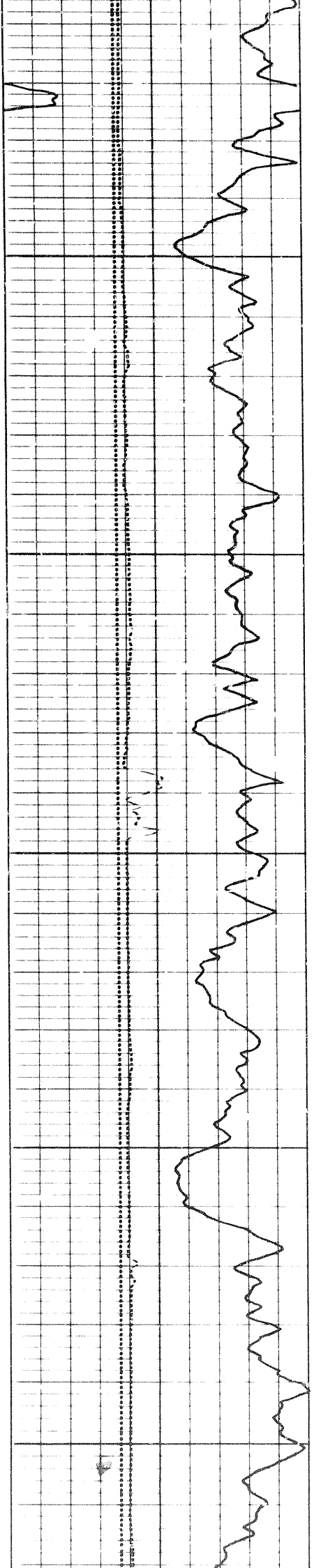




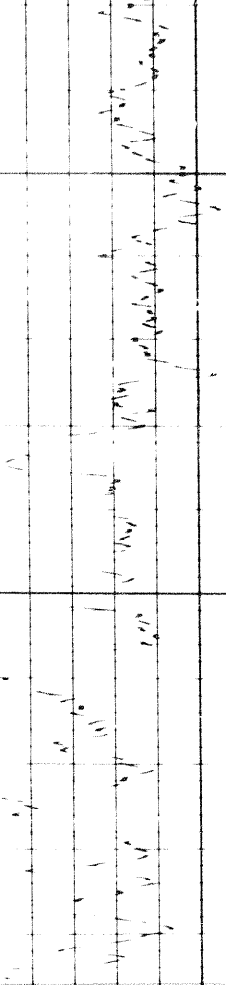
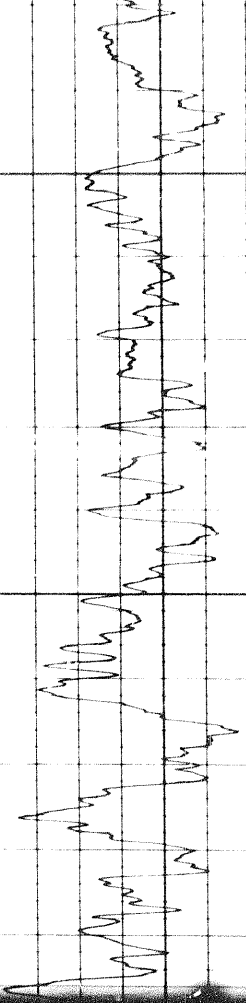
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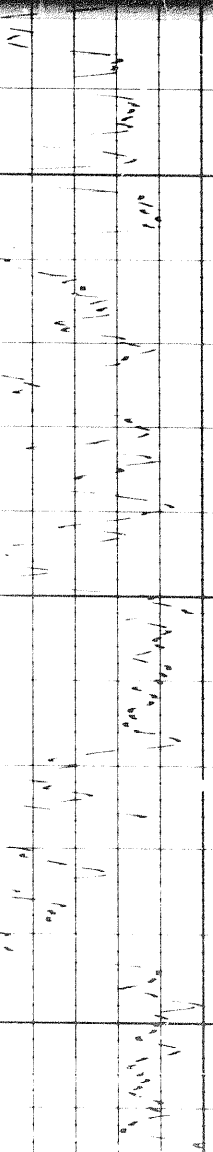
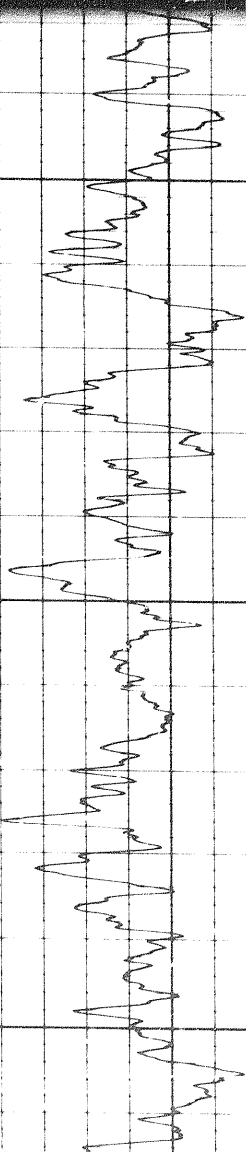
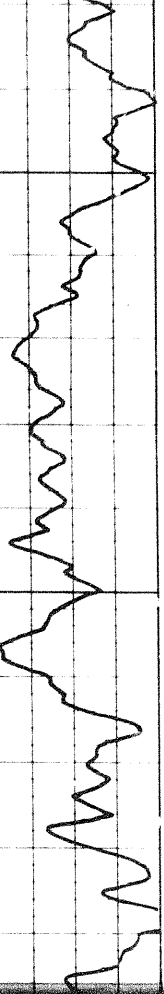
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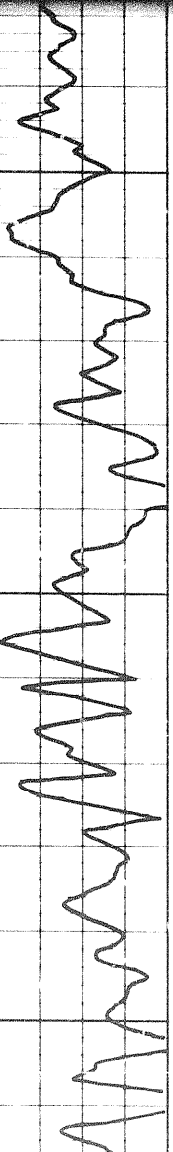




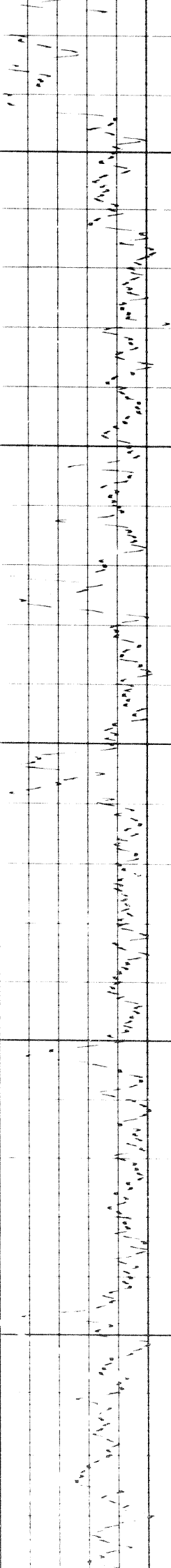
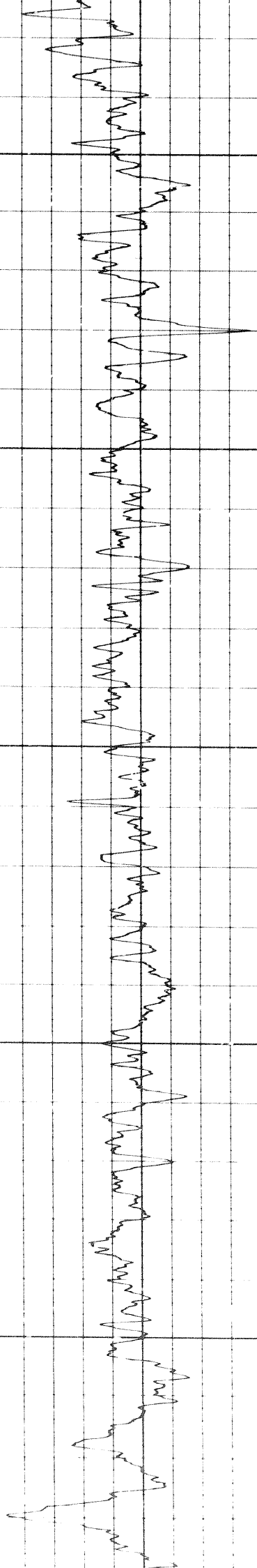
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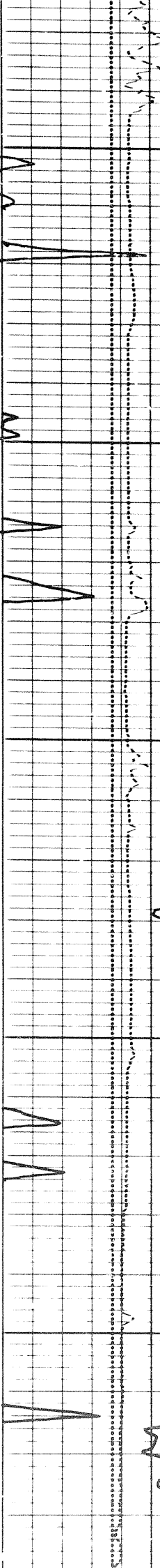
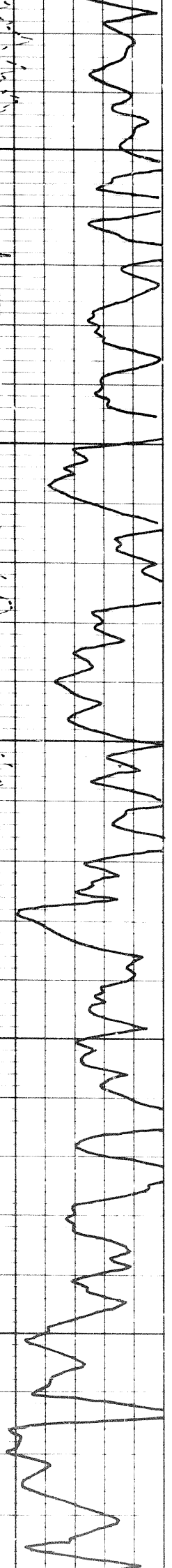


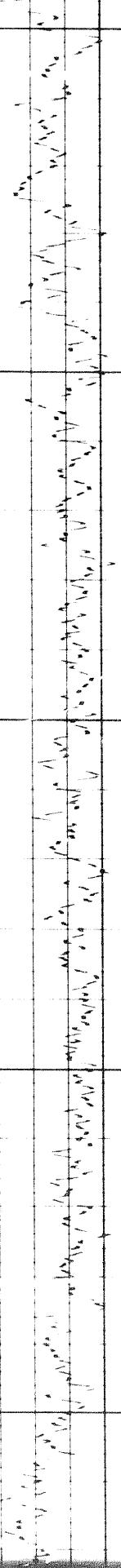
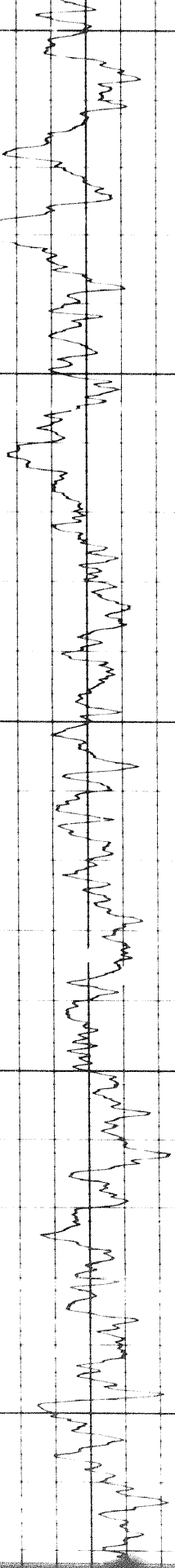
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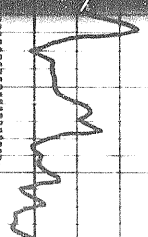
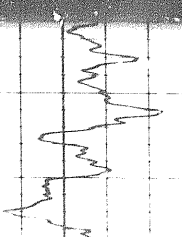
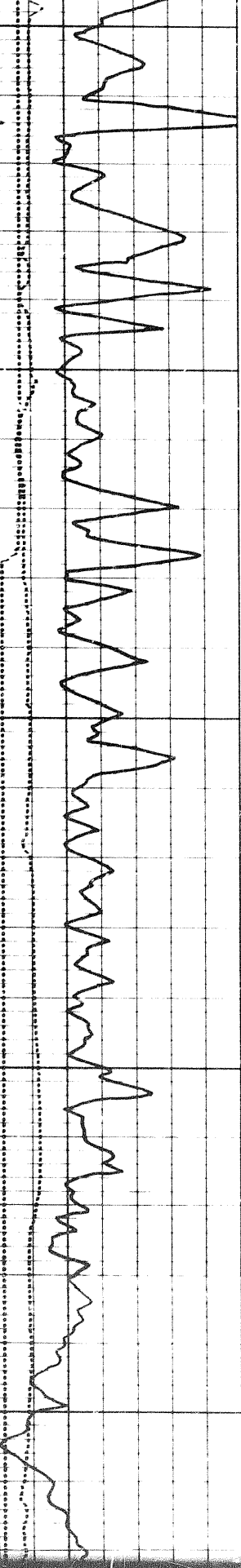
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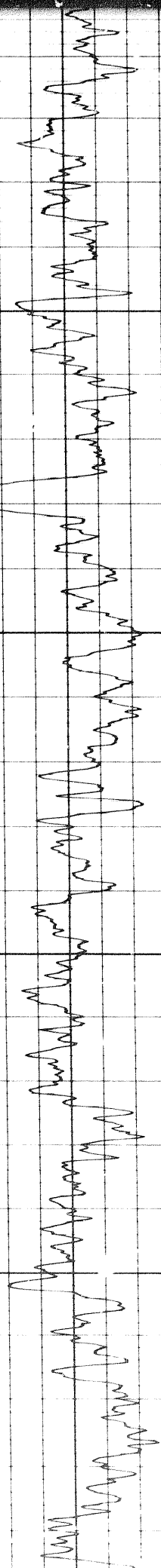
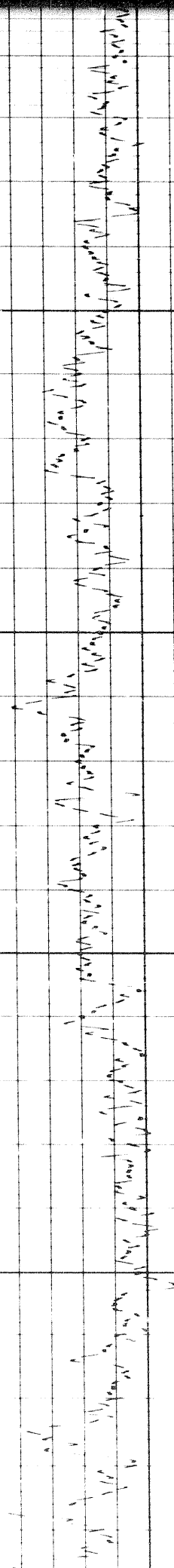
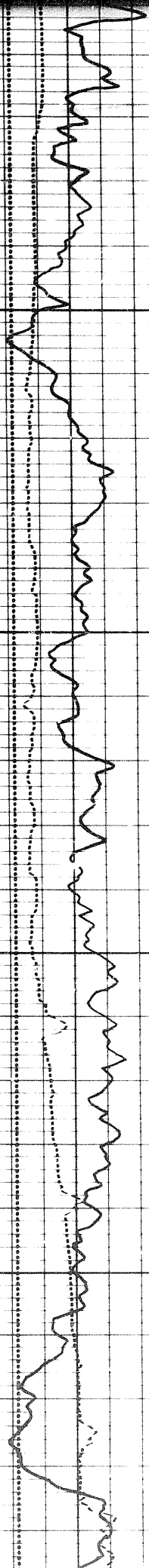
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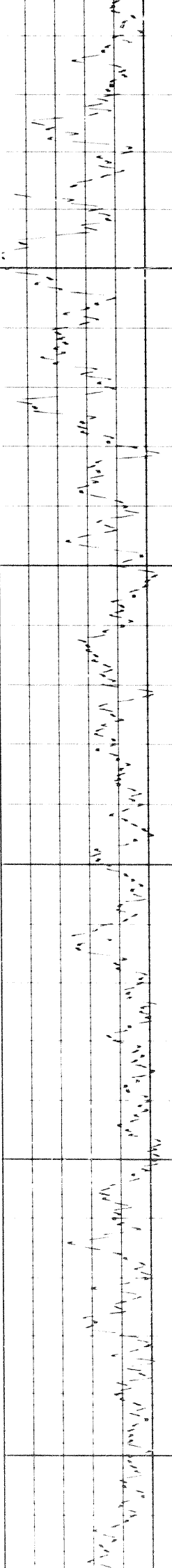
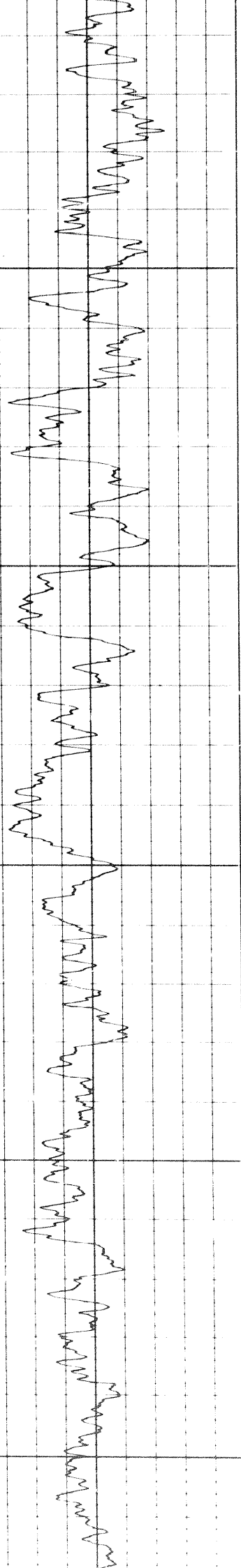


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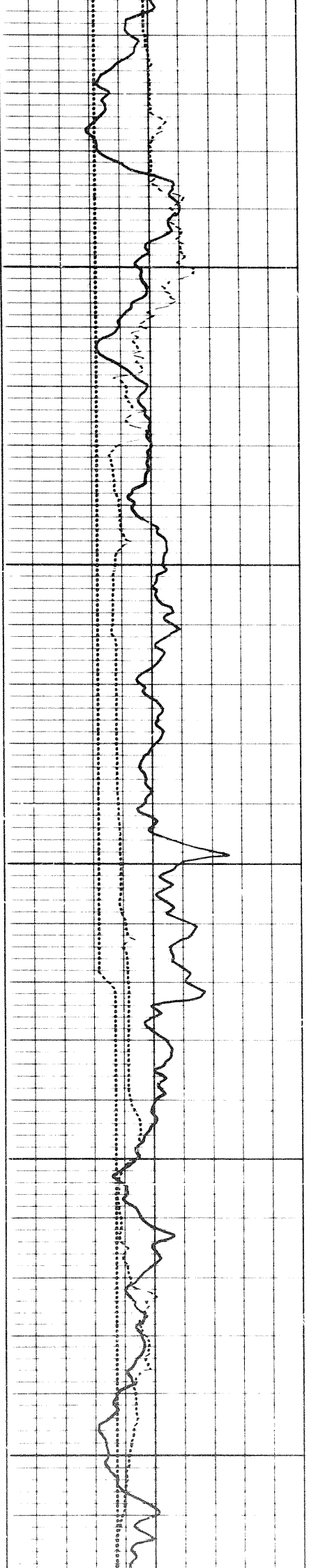
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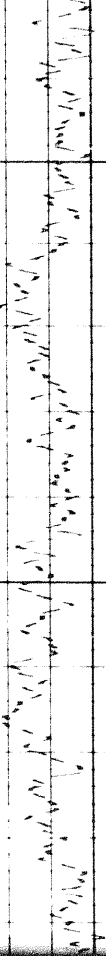
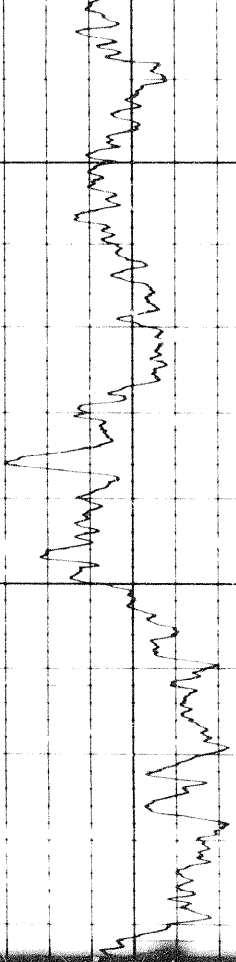




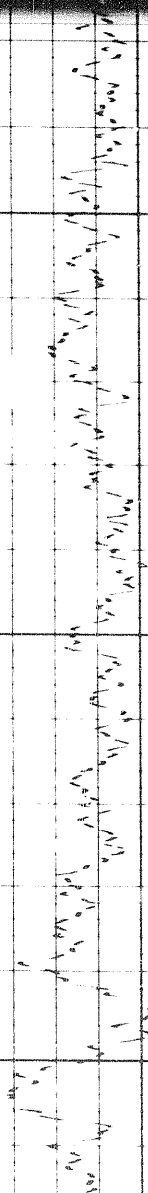
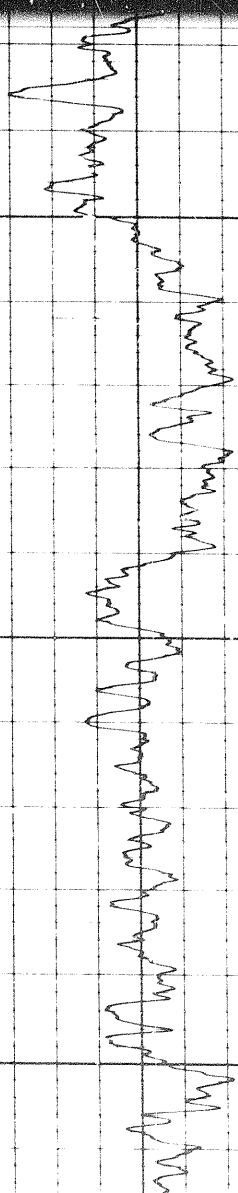
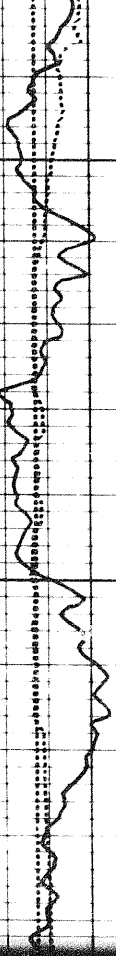
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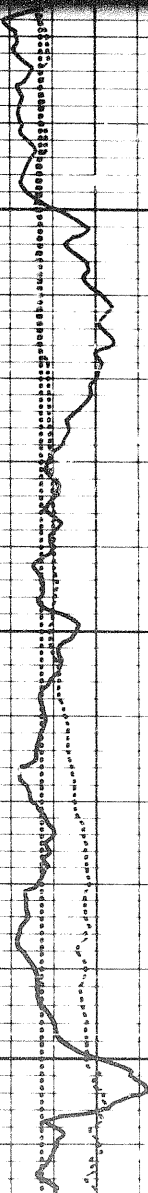


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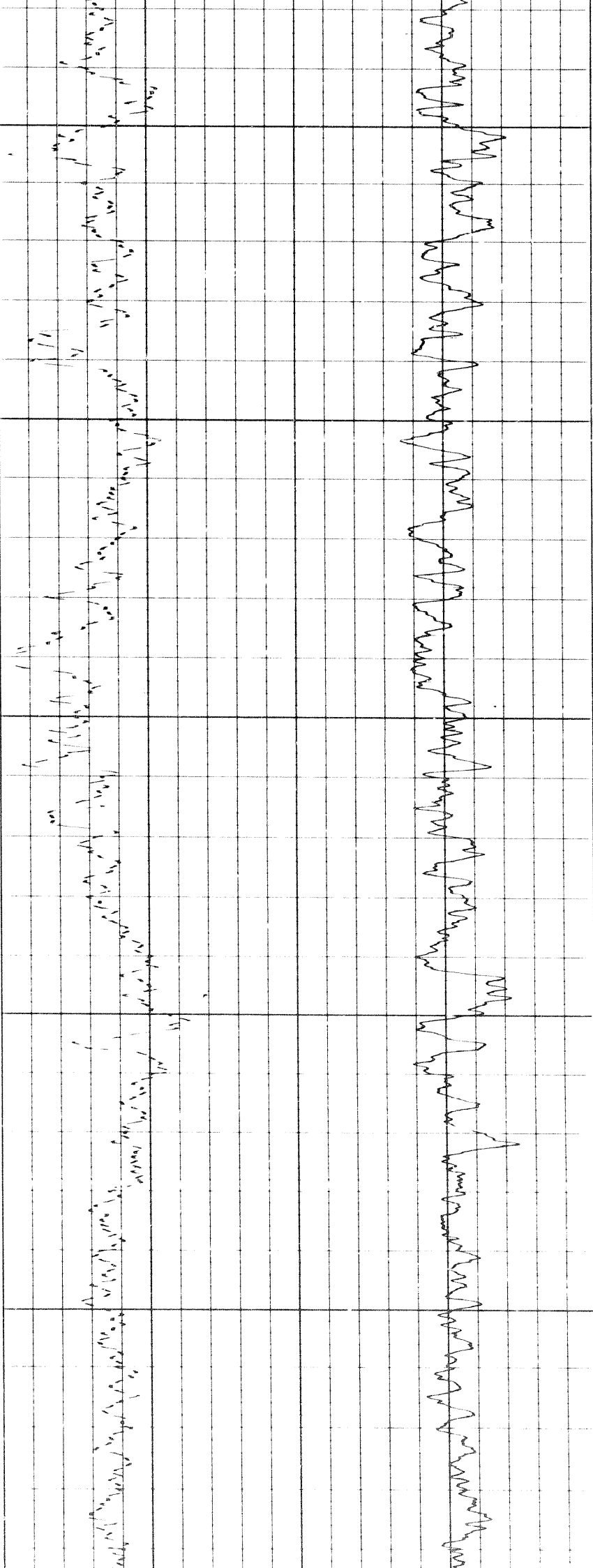


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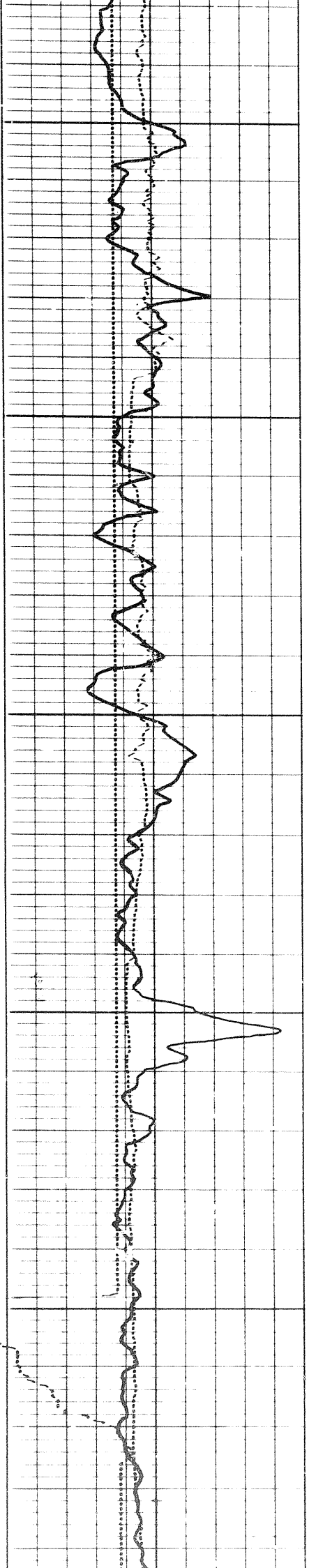
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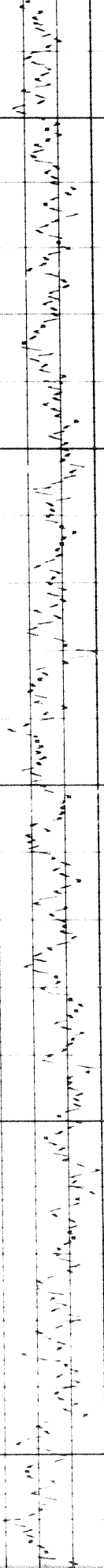
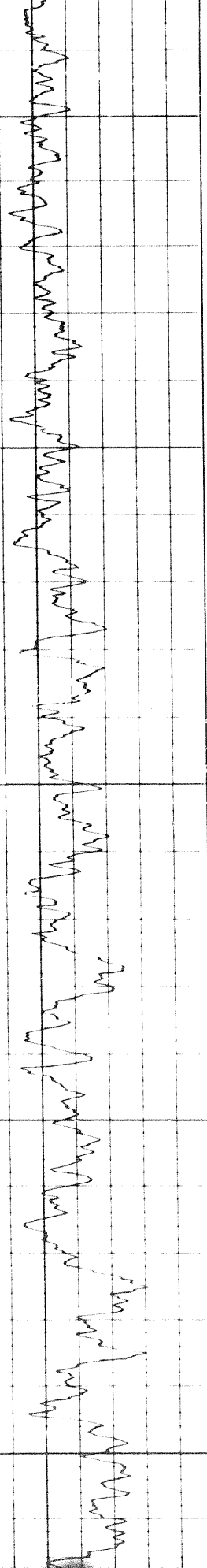


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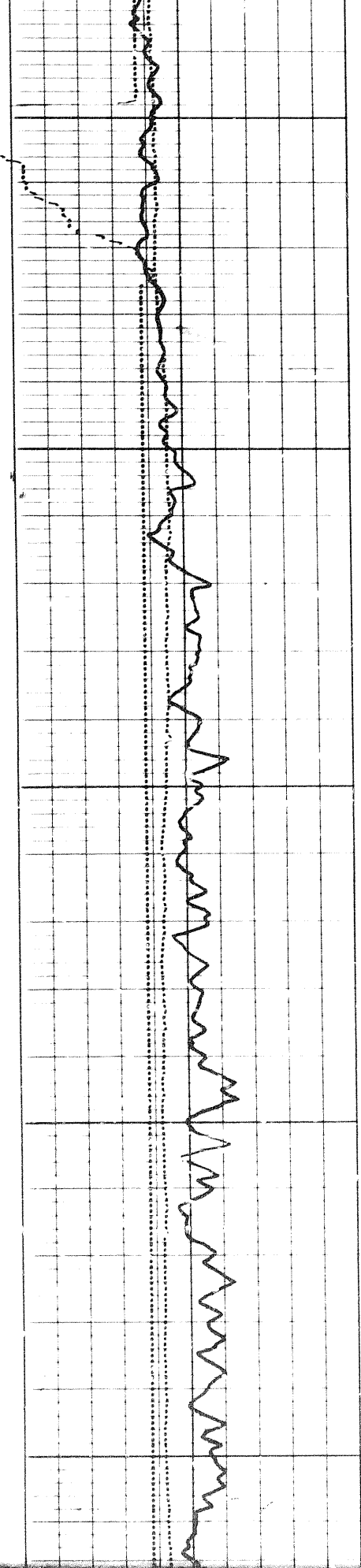




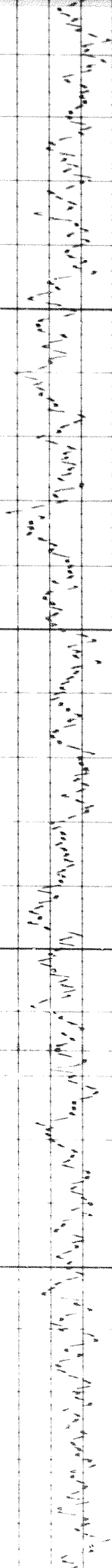
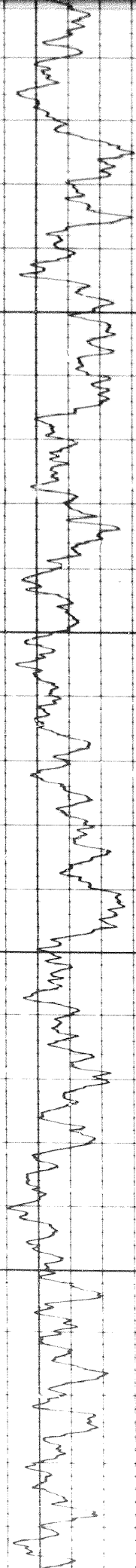
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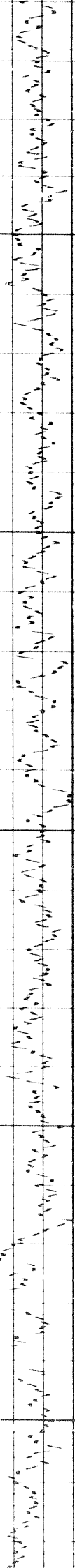
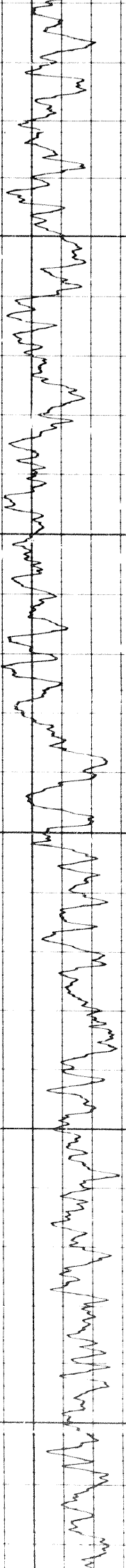




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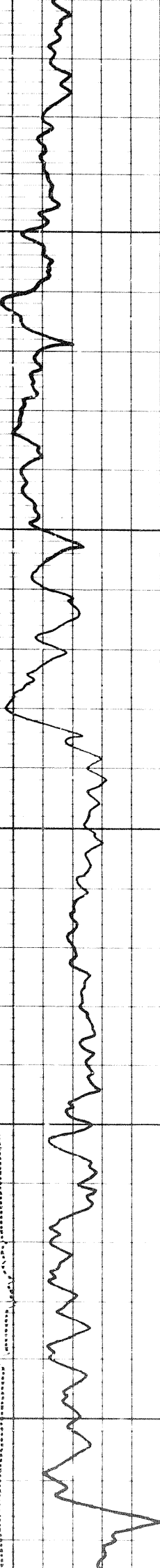


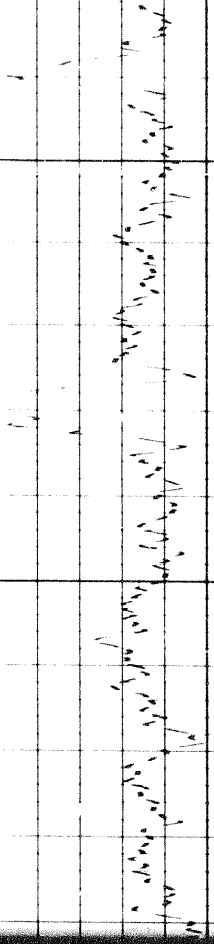
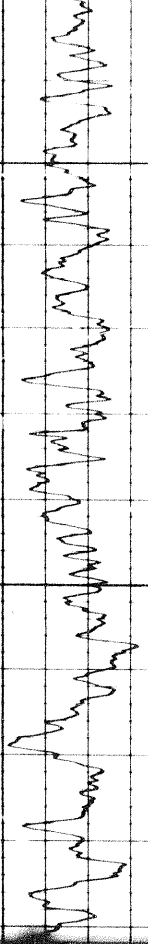


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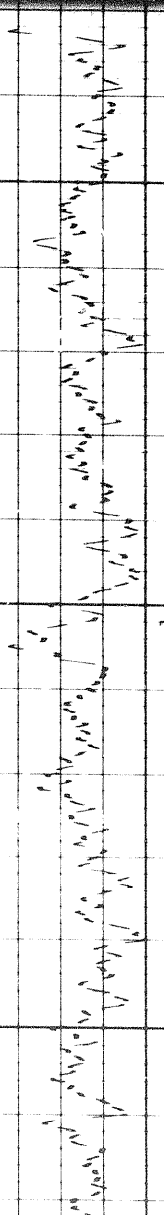
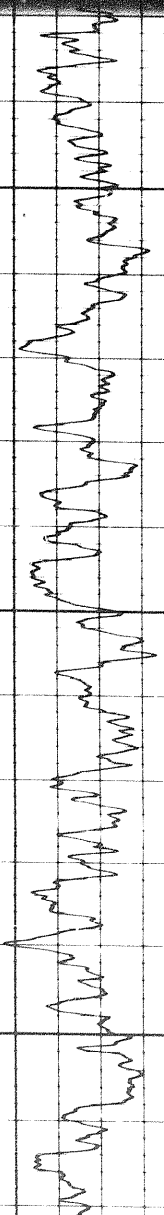
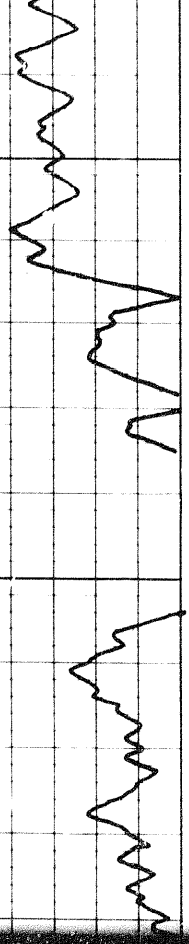
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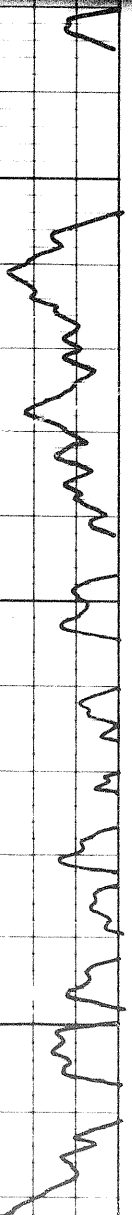




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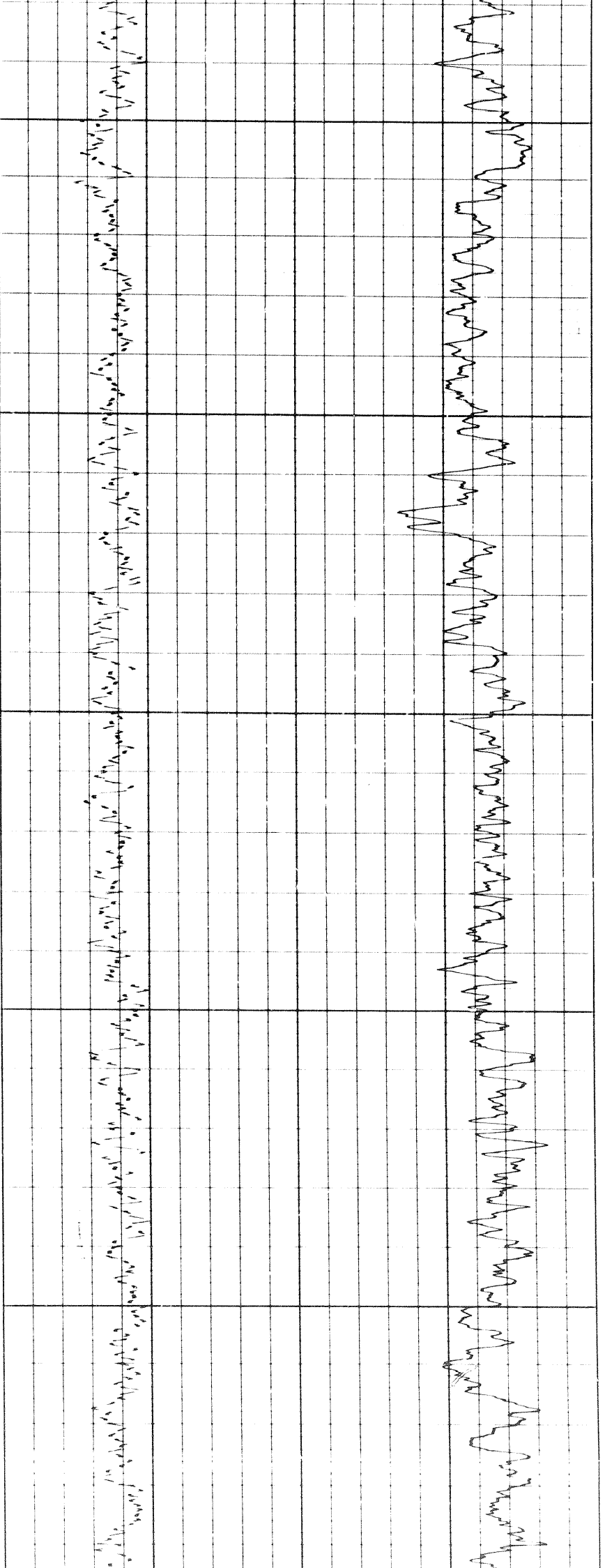


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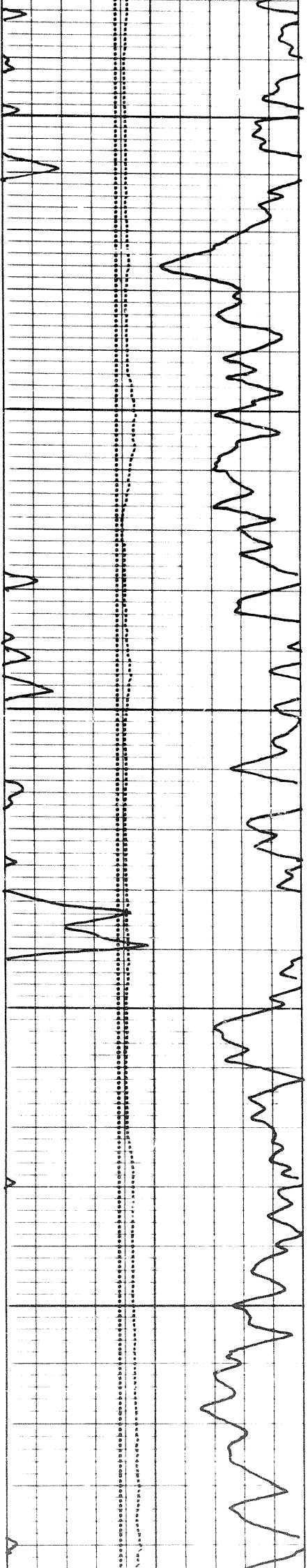
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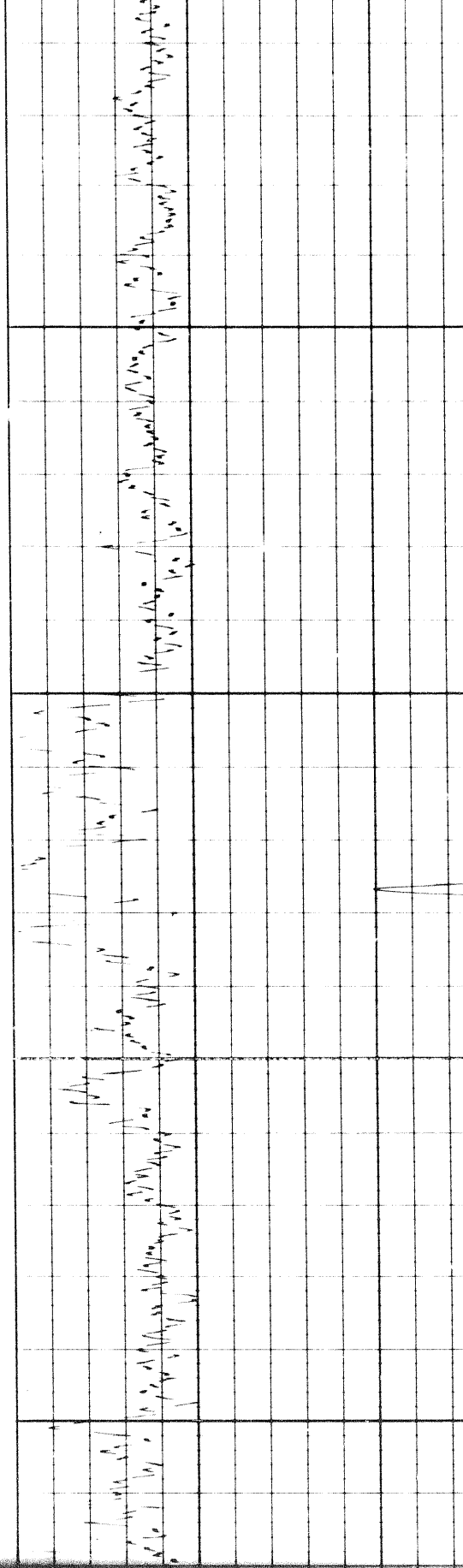
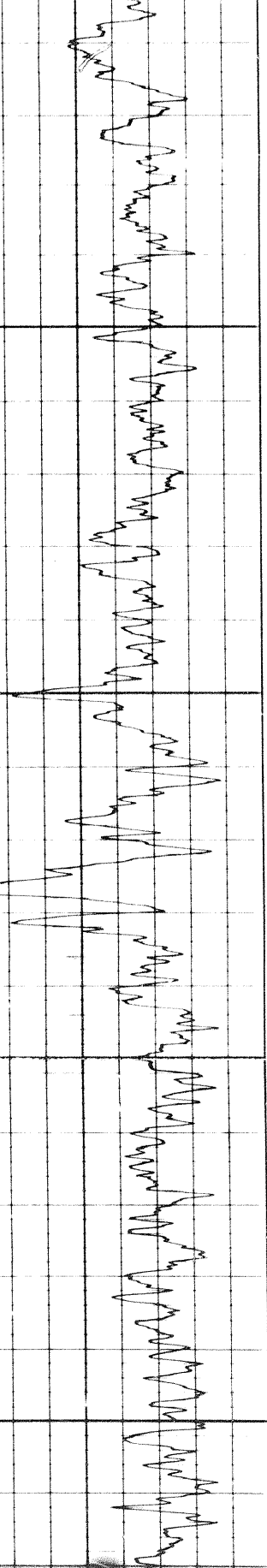
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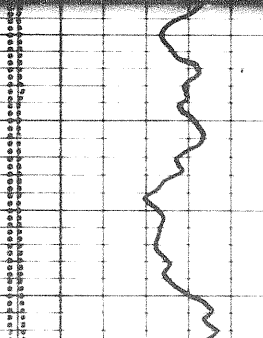
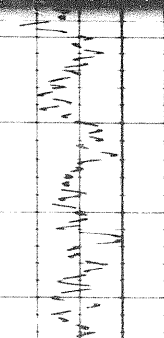
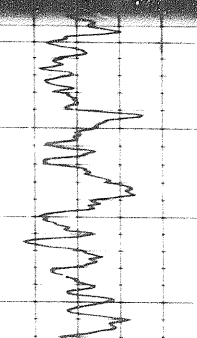
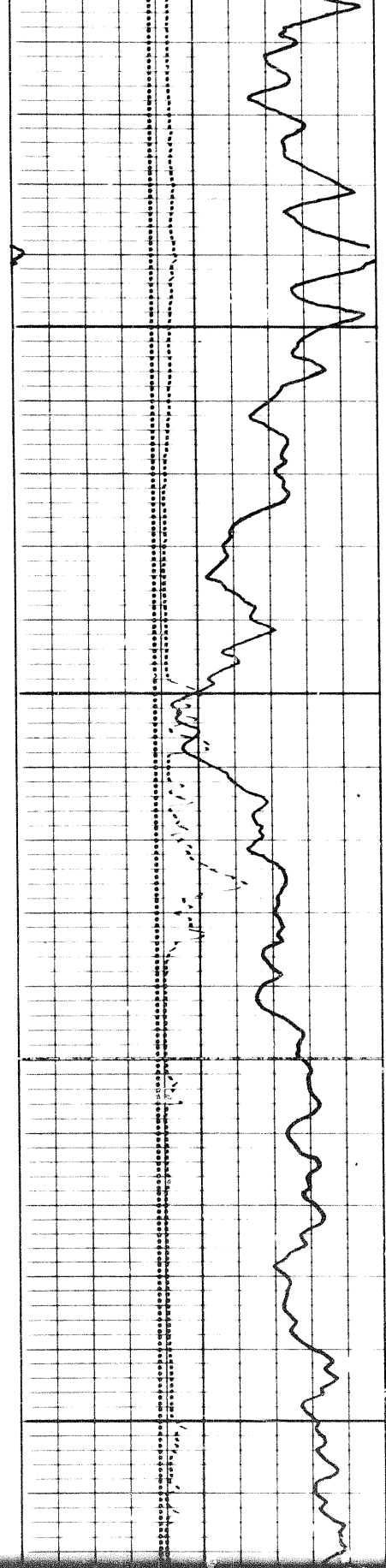
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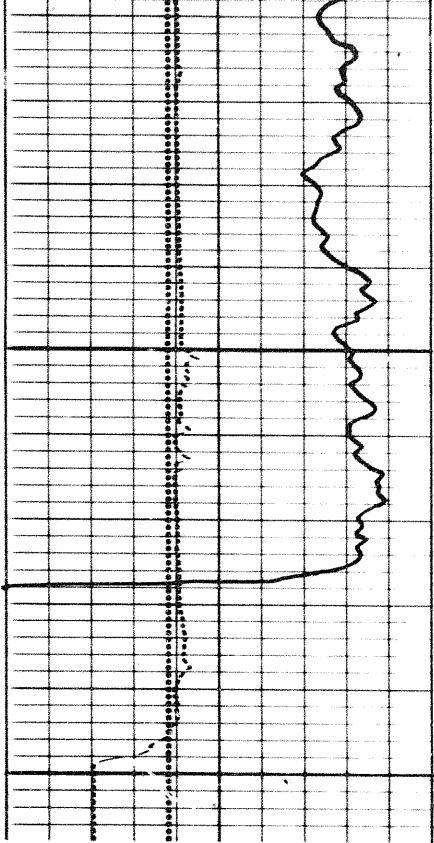


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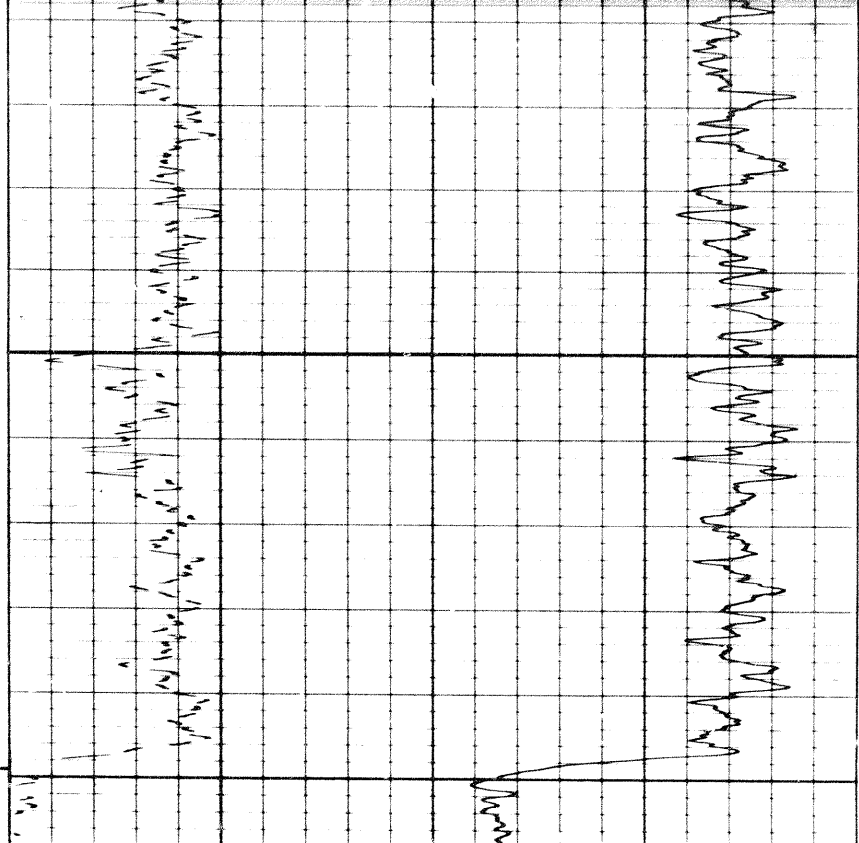
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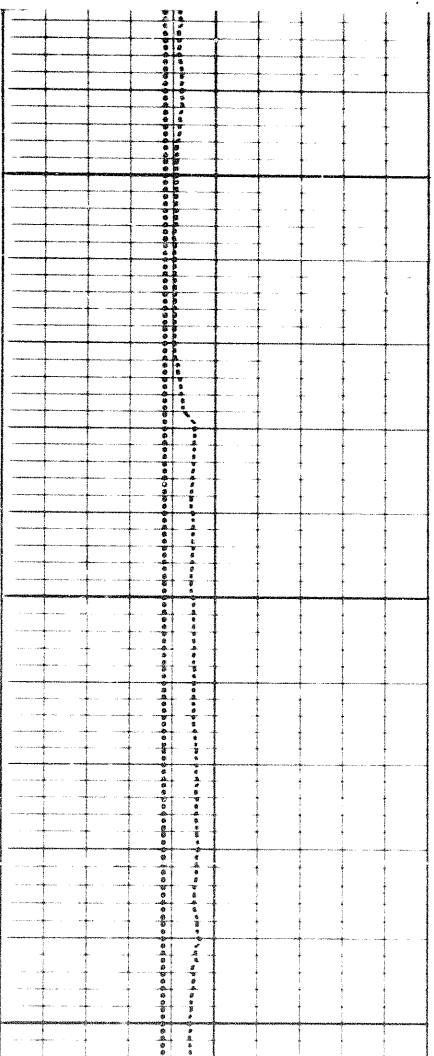
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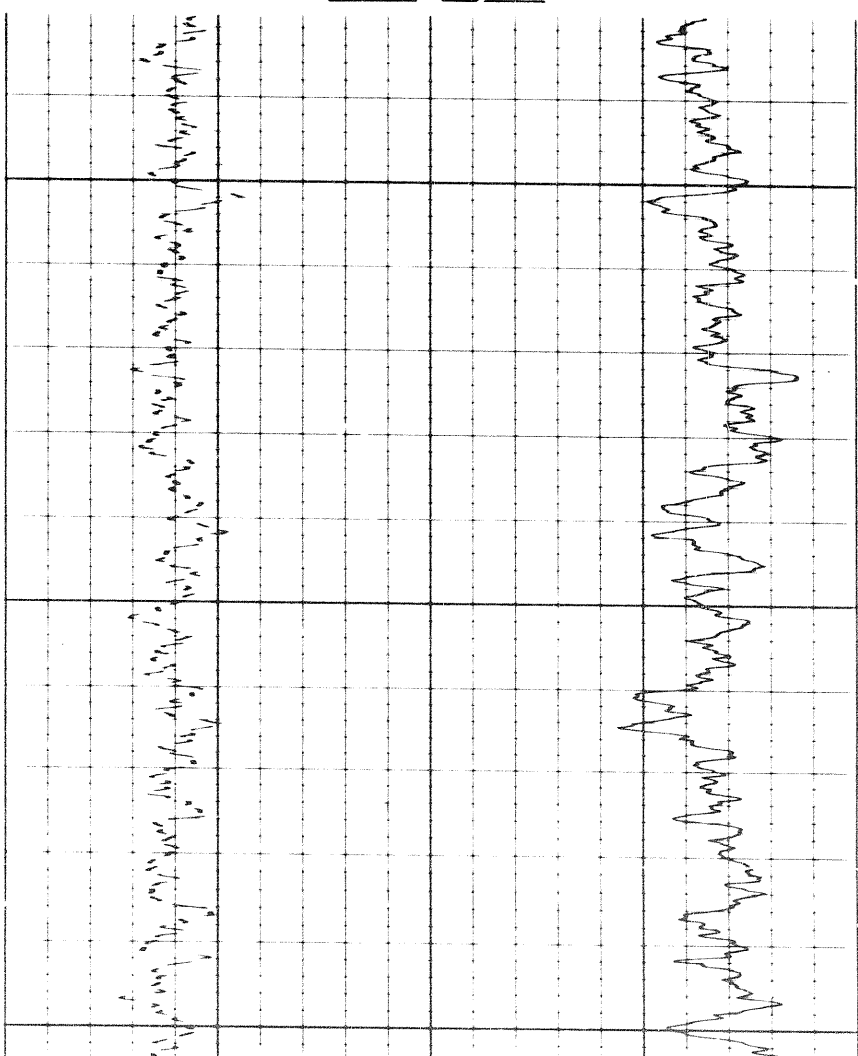


REPEAT SECTION

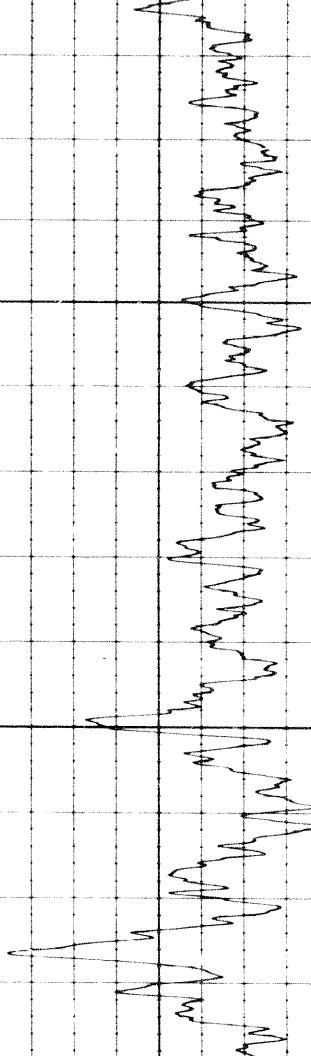
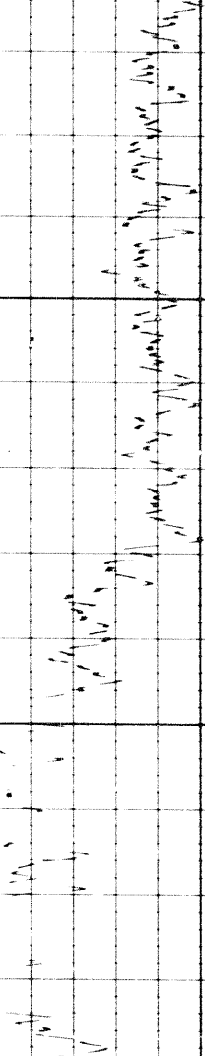
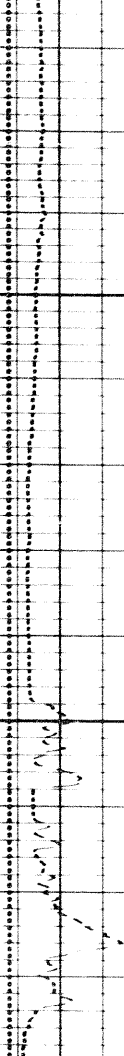


7500

7600



7600



6 7 8 9 10 11 12 13 14

CALIPER  
hole diameter in inches

(+) 0.25 0 (-) 0.25

DENSITY CORRECTION  
 $\Delta\rho - \text{gm/cc}$

Sens. 100 T.C. 2  
Zero 0 div. to left

0 100 200

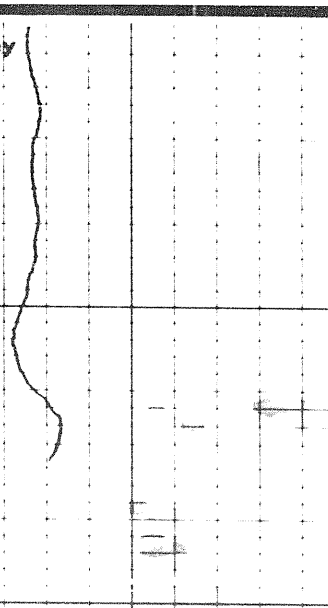
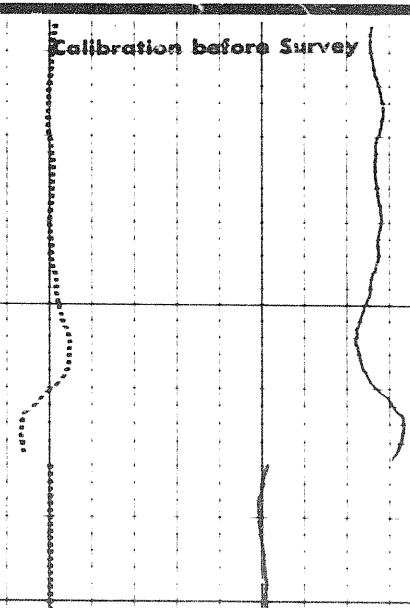
2.0 2.5 3.0

GAMMA RAY  
API UNITS

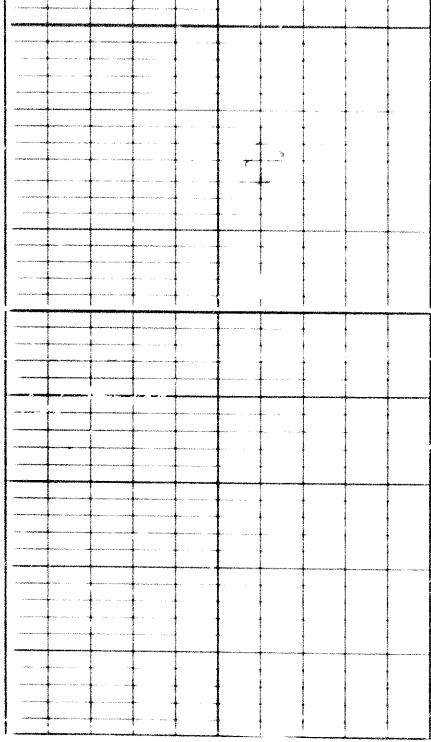
DEPTHS

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

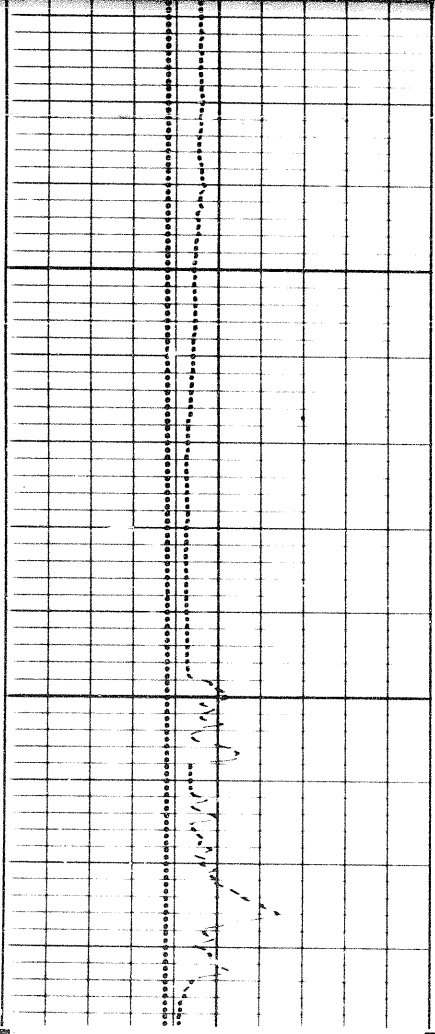
Calibration before Survey



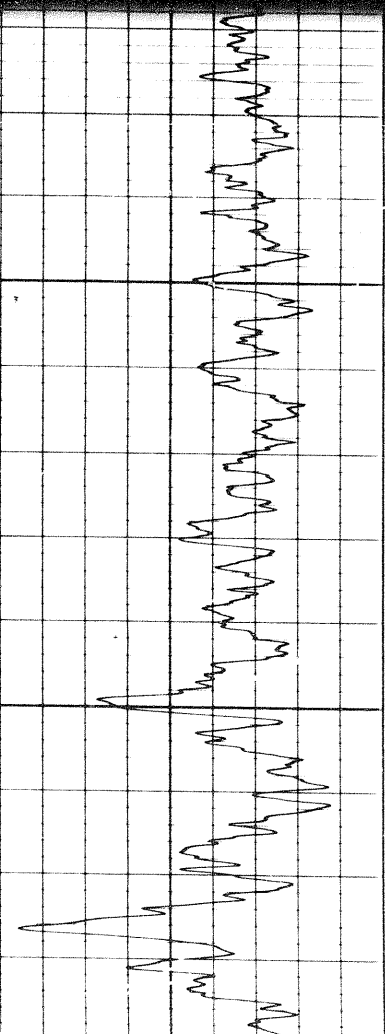
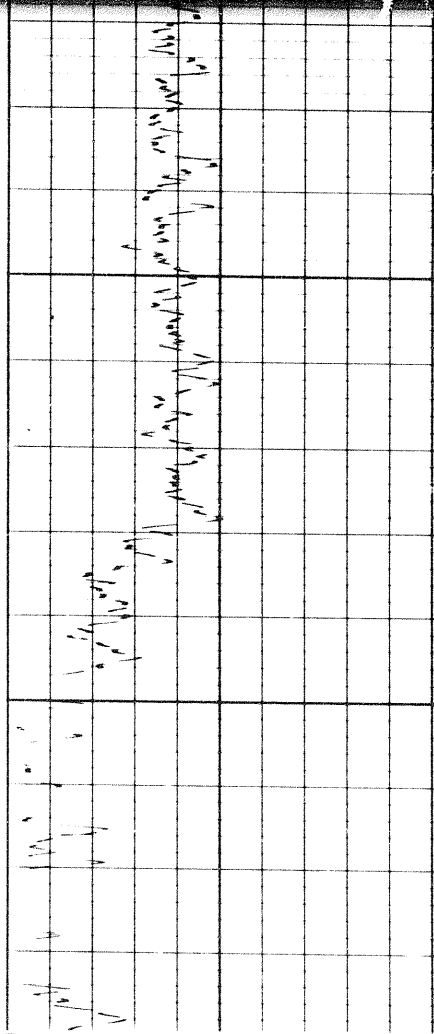
776



00



7600



6 7 8 9 10 11 12 13 14

CALIPER  
hole diameter in inches

Sens. 100 T.C. 2  
Zero 0 div. to left

(+) 0.25 0 (-) 0.25

DENSITY CORRECTION  
 $\Delta\rho$  - gm/cc

Speed



6 7 8 9 10 11 12 13 14

(+) 0.25 0 (-) 0.25

CALIPER  
hole diameter in inches

DENSITY CORRECTION  
 $\Delta\rho$  - gm/cc

Sens. 100 T.C. 2  
Zero 0 div. to left  
0 100  
100 200

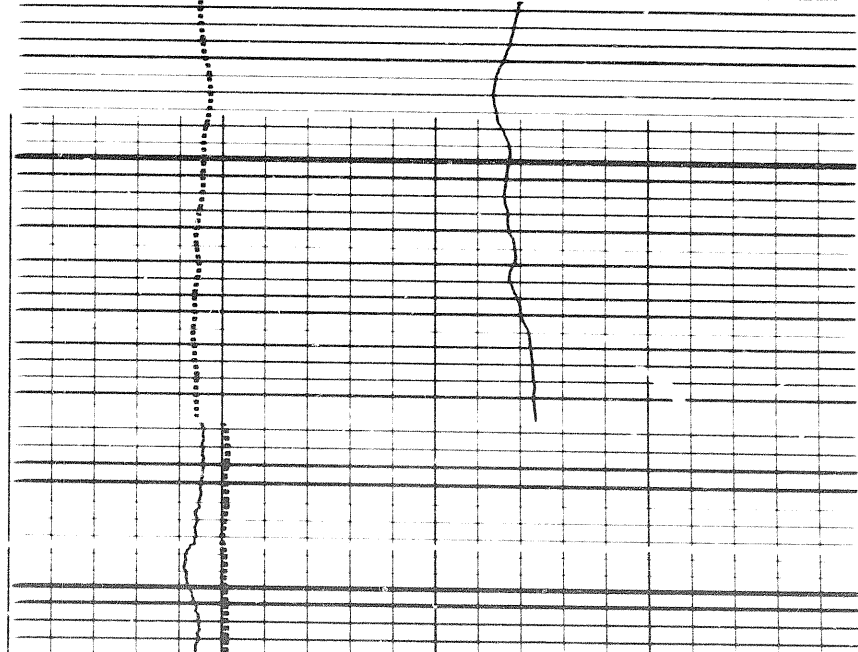
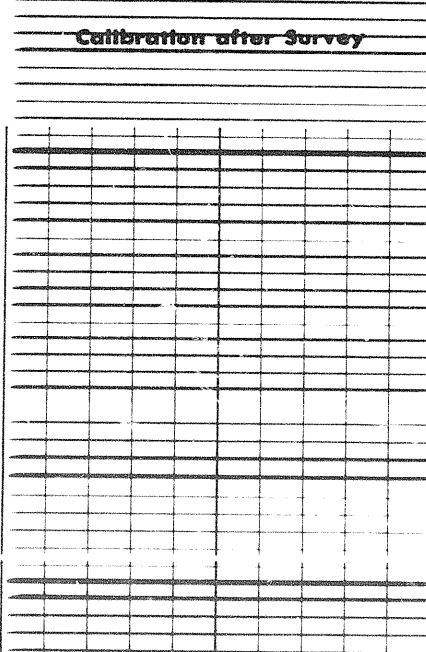
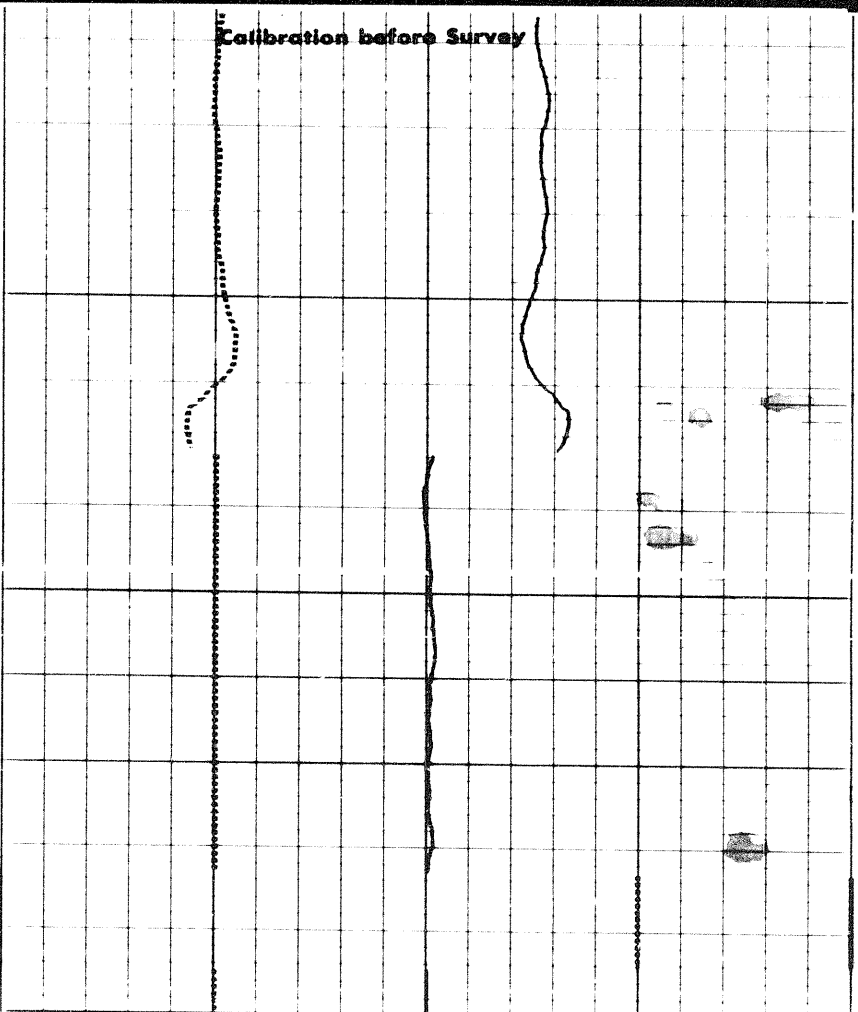
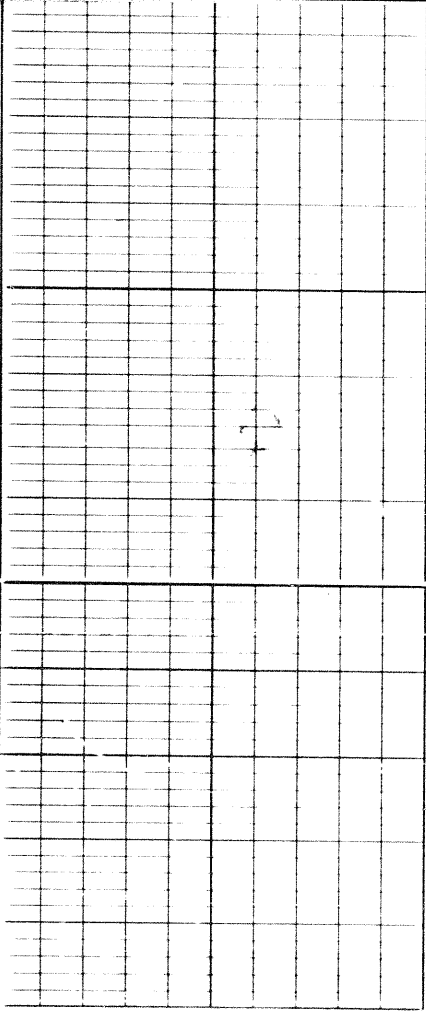
2.0 2.5 3.0

Speed in FPM

GAMMA RAY  
API UNITS

DEPTHS

BULK DENSITY  
 $\rho_b$  - gm/cc

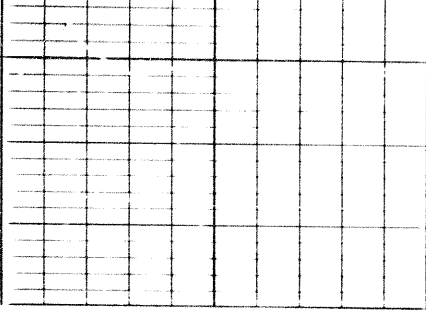


Calibration after Survey

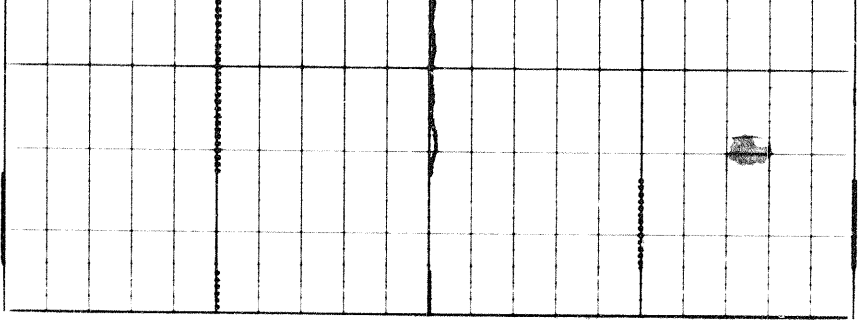
Calibration before Survey

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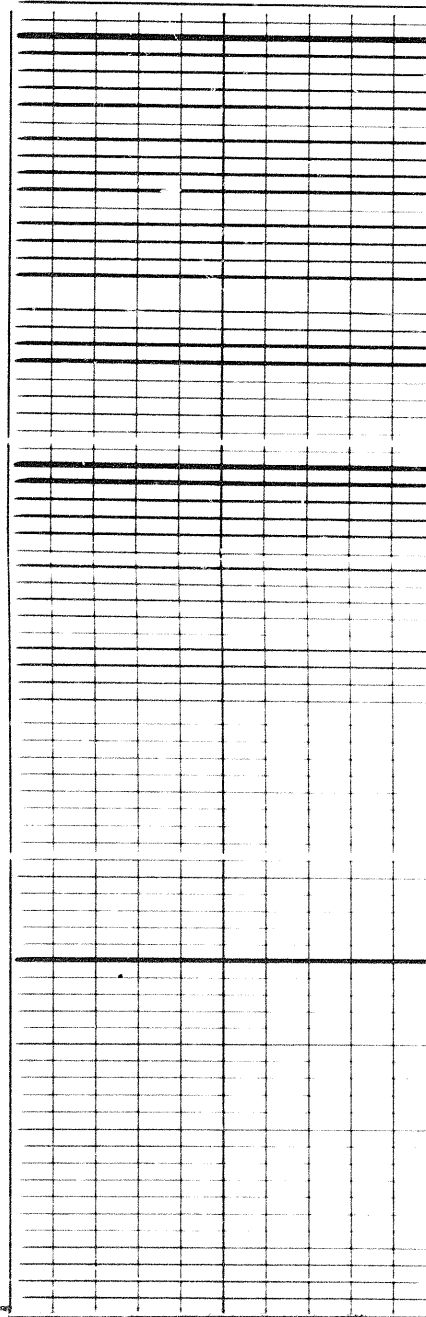
9900



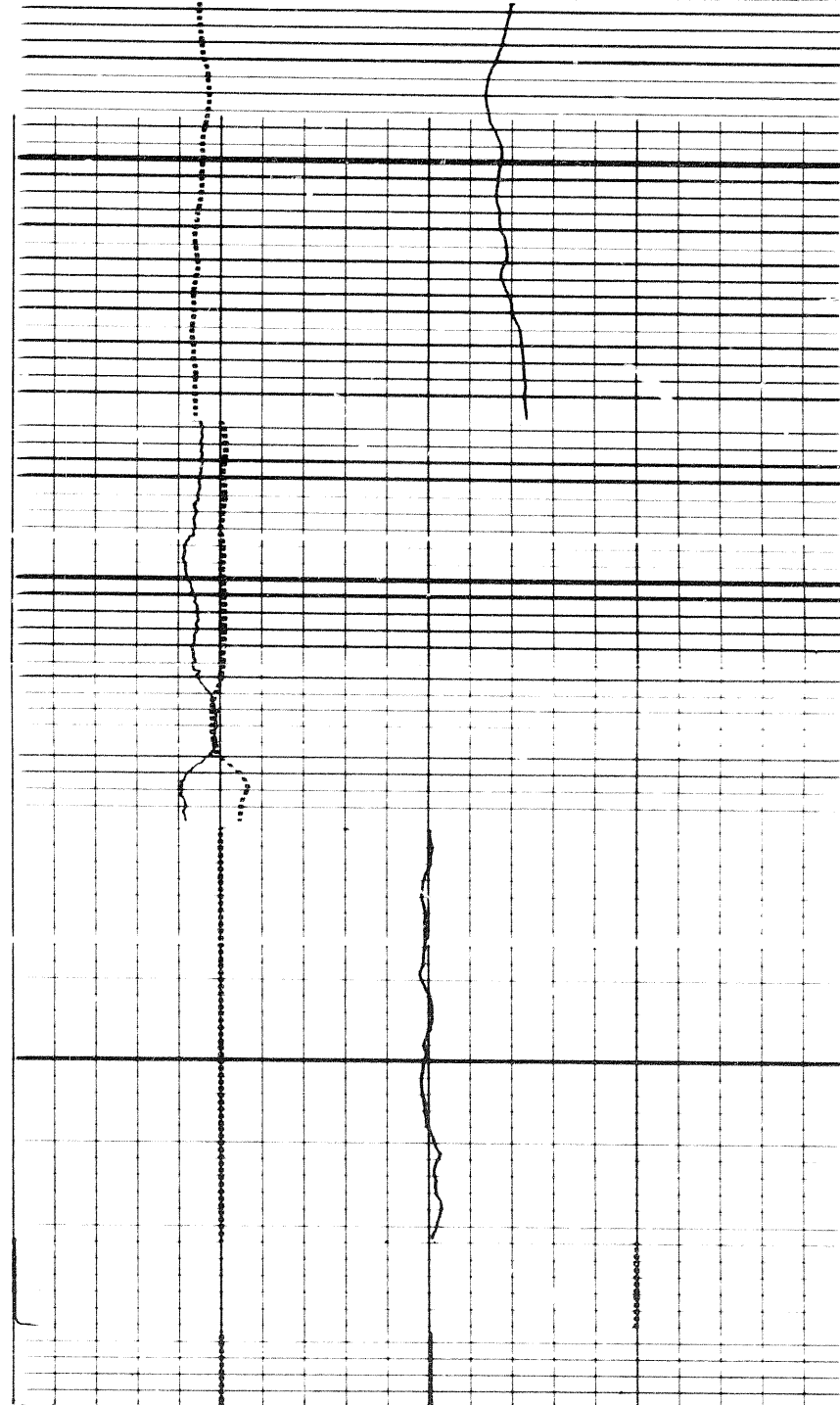
00



Calibration after Survey



0066



9966

13 0473

COMPANY J RAY McDERMOTT & CO INC.

WELL MCD GCO NORTHUP TAYLOR LAKE YT K-1E

FIELD WILDCAT PROVINCE YUKON TERRITORIES

