

Inc.

ACOUSTIC CEMENT BOND-
GAMMA RAY LOG

COMPANY CHEVRON USA INCORPORATED
WELL U.P. 113X22
FIELD RANGELY
County RIO BLANCO
State COLORADO
File _____

COMPANY CHEVRON USA INCORPORATED

WELL U.P. 113X22

FIELD RANGELY

COUNTY RIO BLANCO STATE COLORADO

Location

Sec. 22 Twp. 2N Rge. 102W

Other Logs

GROUND LEVEL Elev. 5414

Elevation

Log Measured From KELLY BUSHING 13.5' ABOVE GROUND
Drilling Measured From KELLY BUSHING

KB. 5427
DF. 5414
GL. 5414

Type Log C.B.L. G/R

Run No. ONE

Date 12-29-80

Total Depth Driller 5726

Present Depth Driller 6705

Total Depth O.W.P. SURFACE

Survey Begins 6705

Survey Ends 527

Truck No. VERNAL

Location WATER

Type Fluid In Hole

Salinity PPM Cl

Weight lb/gal 440'

Fluid Level 1370

Max. Hole Temp.

Recorded By WAMBOLT

Witnessed By MR. REYNOLDS

BORE HOLE RECORD

CASING RECORD

Run Bit From To Size Wt. From To

7" 23.0 SURFACE 6726

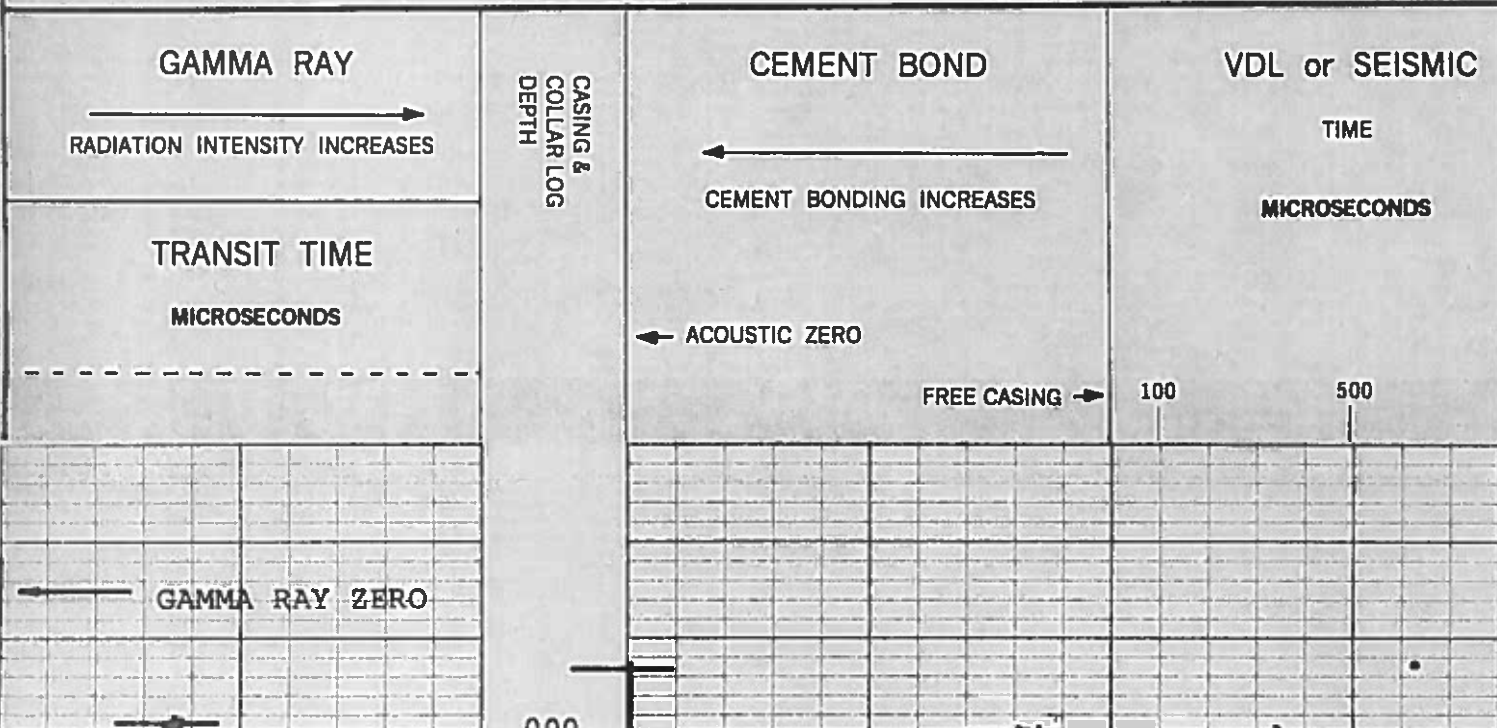
LOGGING TOOL DATA

Truck No. <u>527</u>	Inst. Truck No. <u>527</u>	Tool Serial No.
<u>GAMMA RAY</u>		<u>CEMENT BOND</u>
Tool Model No.	Dia. <u>3 1/8"</u>	Log Type <u>ACOUSTIC</u>
Detector Model No.		Tool Model No. Dia. <u>3 1/4"</u>
Type <u>G.M.C.</u>	Length <u>18"</u>	Detector Model No.
Distance To Bond Ref. <u>5.5'</u>		Free Casing = <u>10</u> API Div.
		Spacing <u>3'</u>

LOGGING DATA

Depth		Speed	T. C.	Gamma Ray Setting			T. C.	Bond Setting		
From	To	ft./min	Sec.	Sensitivity	Zero	Scale	Sec.	Sensitivity	Zero	S
<u>SURF.</u>	<u>6705</u>	<u>30</u>	<u>2</u>	<u>830</u>	<u>0</u>	<u>5" = 100'</u>				

Calibration Data BOND LOG WAS RUN WITH 15 MICROSECOND GATE SET ON FIRST NEGATIVE PULSE
CEMENTING DATA & REMARKS: BOND LOG WAS CALIBRATED AT 5370'



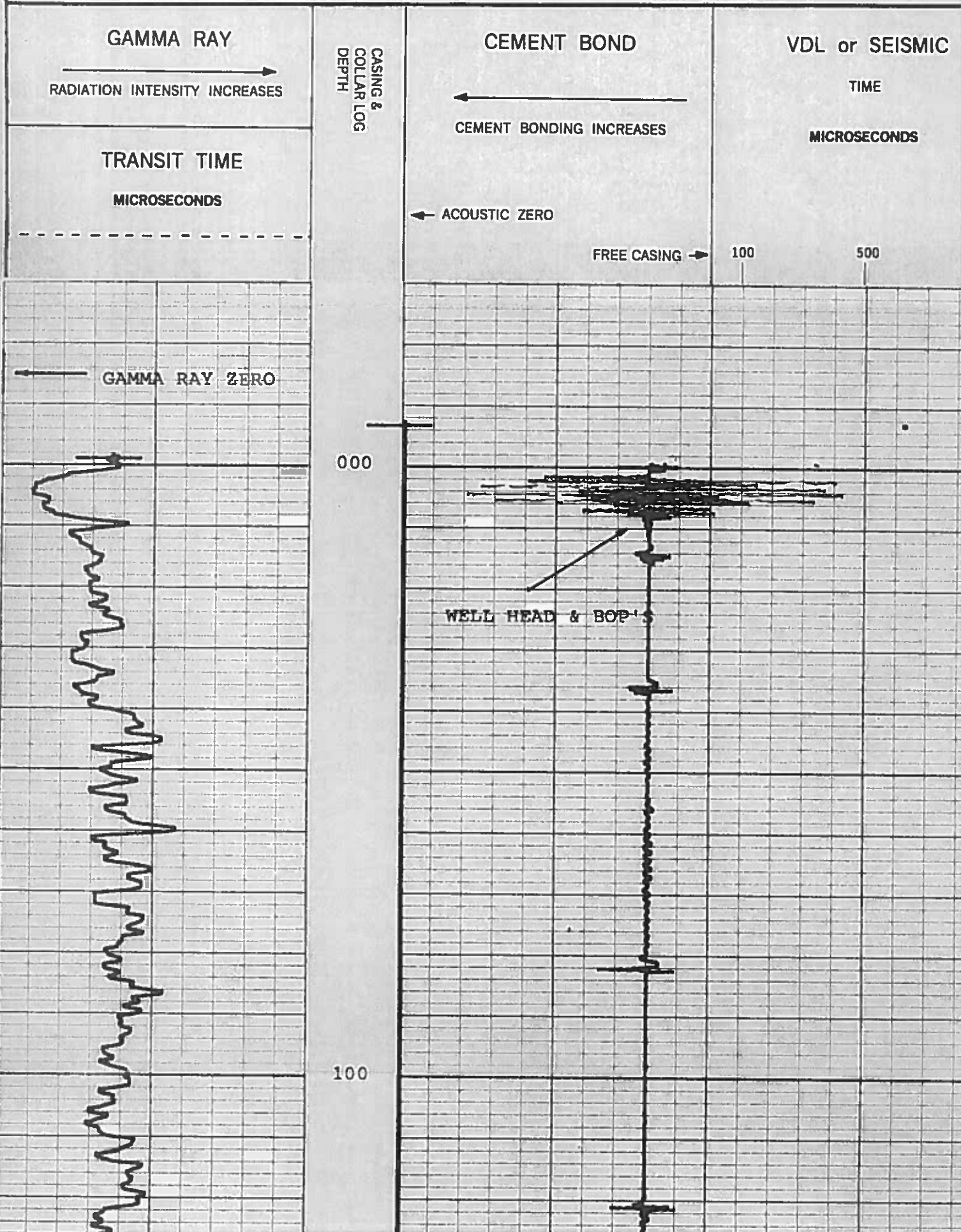
LOGGING TOOL DATA

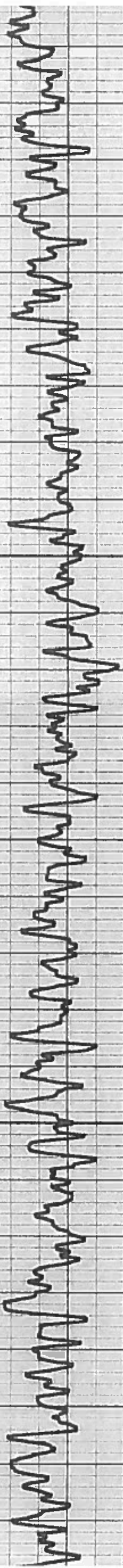
Truck No. 527	Inst. Truck No. 527	Tool Serial No.
GAMMA RAY		CEMENT BOND
Tool Model No.	Dia. 3 1/8"	Log Type ACOUSTIC
Detector Model No.		Tool Model No.
Type G.M.C.	Length 18"	Detector Model No.
Distance To Bond Ref. 5.5'		Free Casing = 10
		API Div.
		Spacing 3'

LOGGING DATA

Depth		Speed	T. C.	Gamma Ray Setting			T. C.	Bond Setting	
From	To	Fl./min	Sec.	Sensitivity	Zero	Scale	Sec.	Sensitivity	Zero
SURF.	6705	30	2	830	0	5" = 100'			

Calibration Data BOND LOG WAS RUN WITH 15 MICROSECOND GATE SET ON FIRST NEGATIVE PULSE
 CEMENTING DATA & REMARKS: BOND LOG WAS CALIBRATED AT 5370'

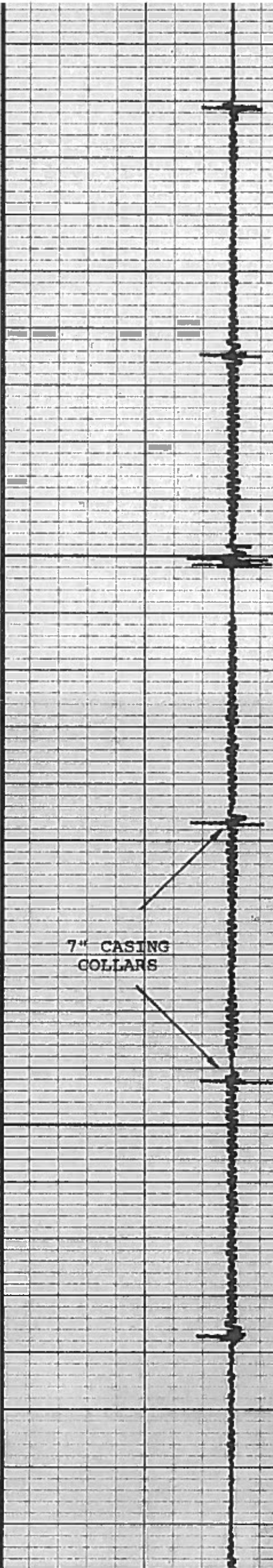




200

300

7" CASING
COLLARS

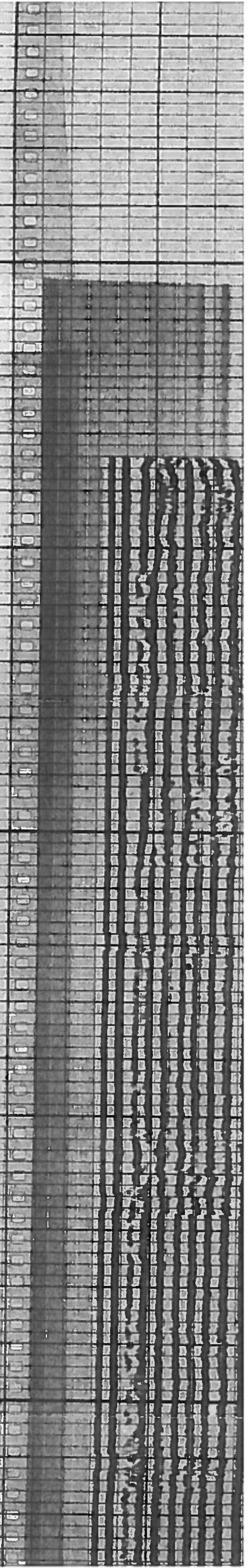
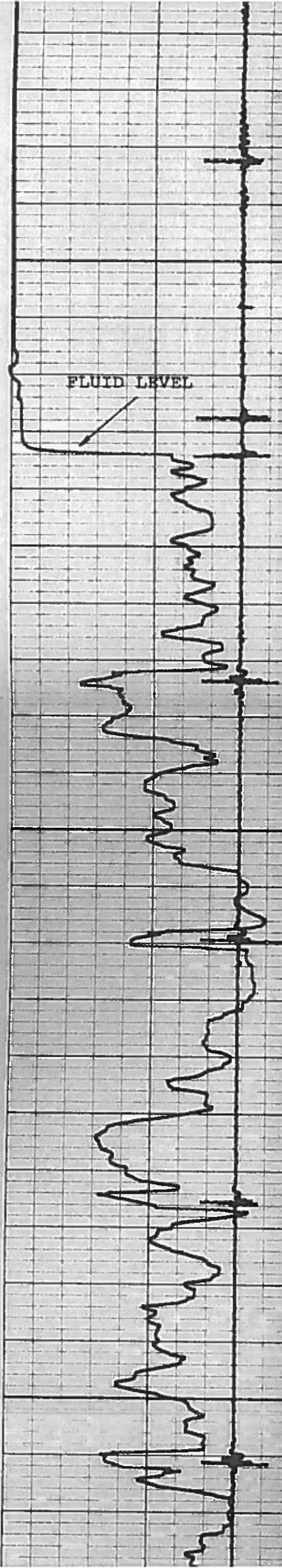


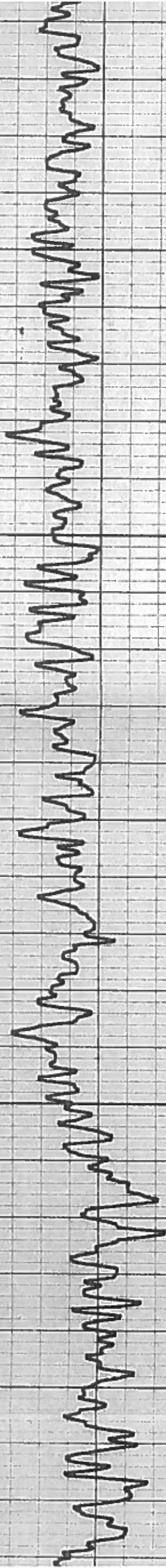


400

500

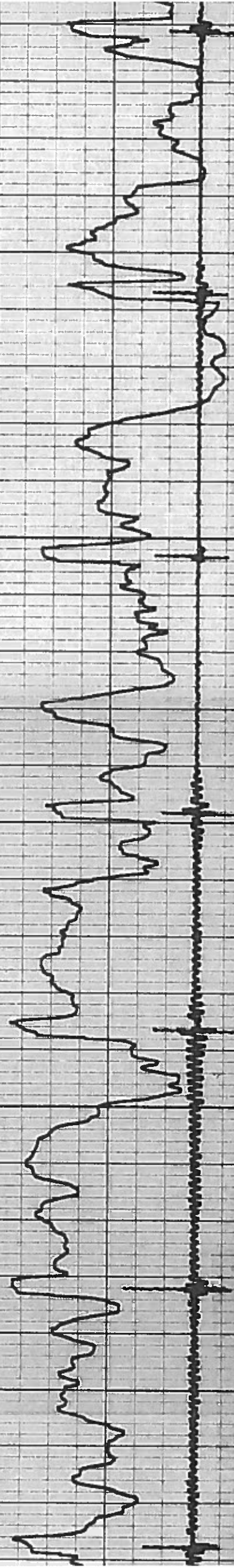
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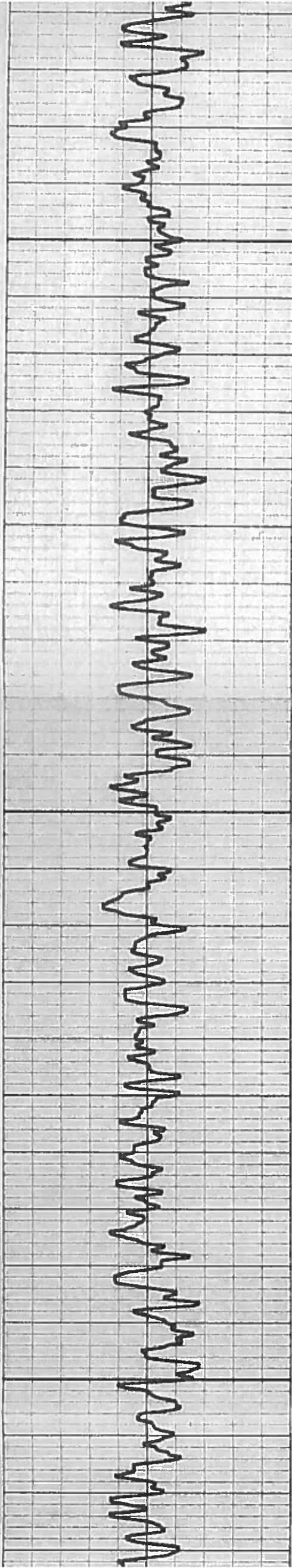




700

800

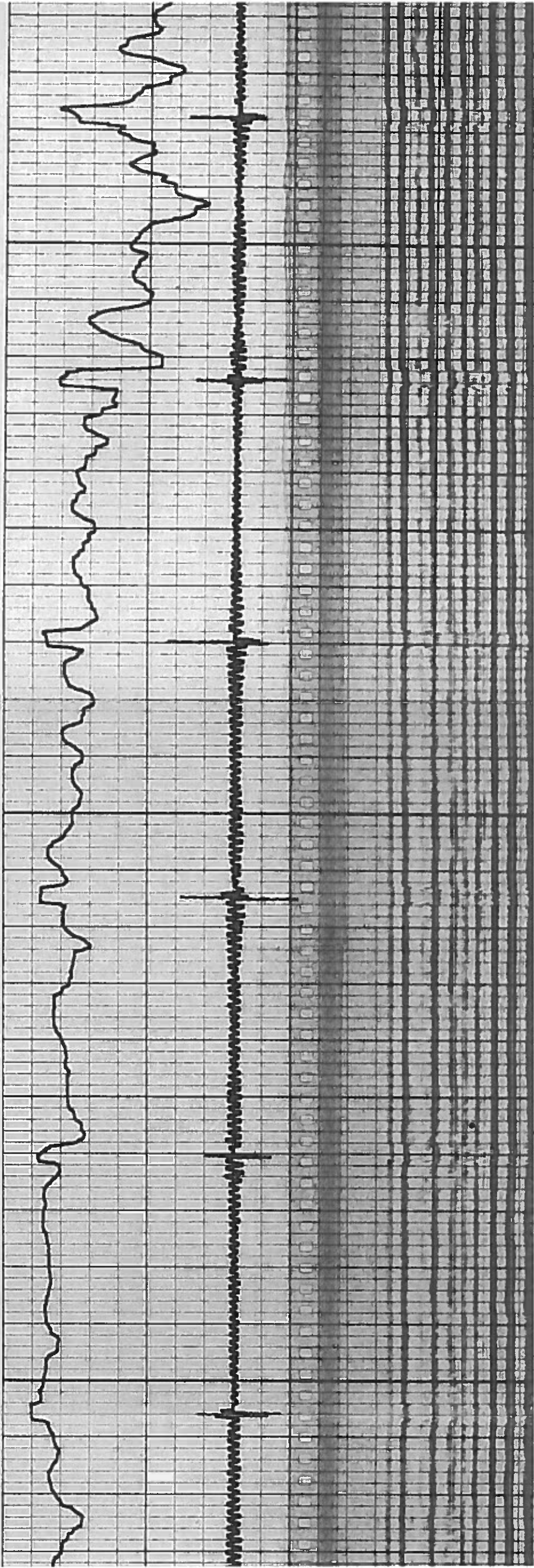


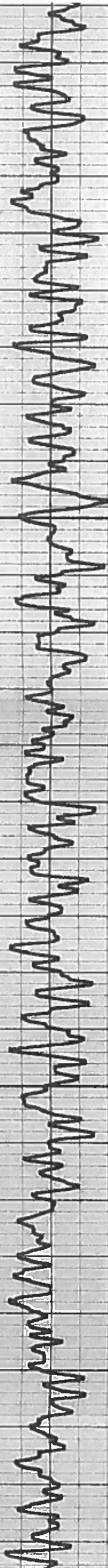


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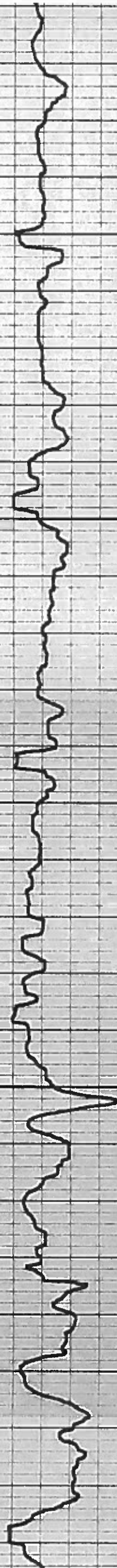
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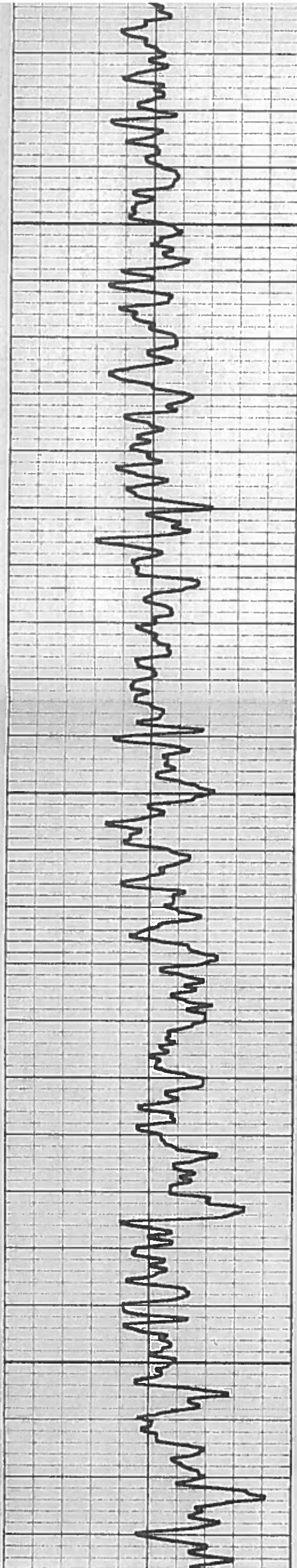


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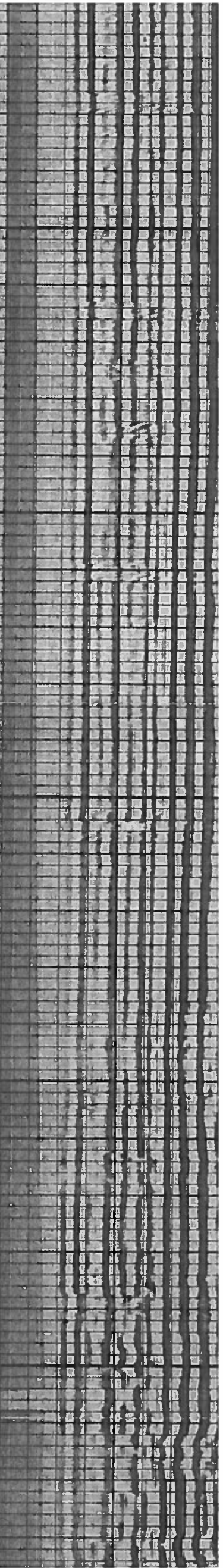
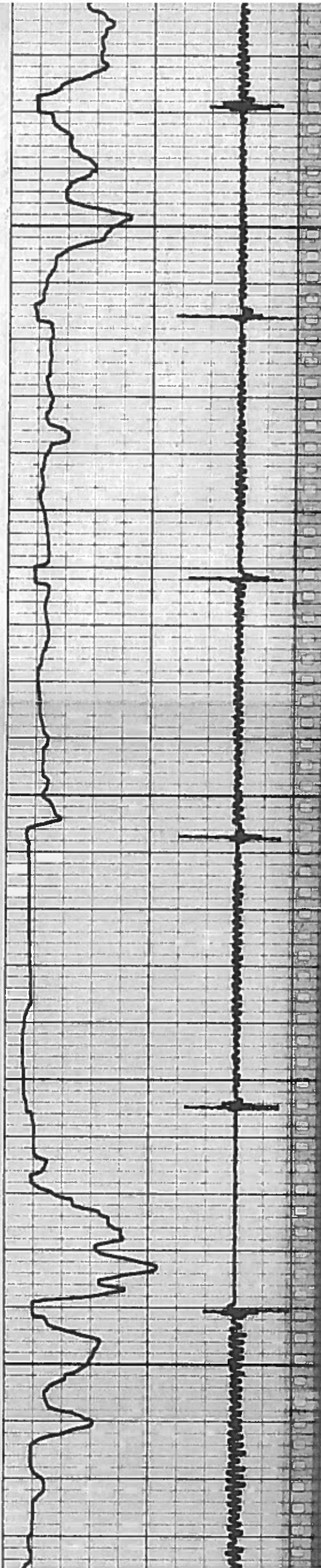


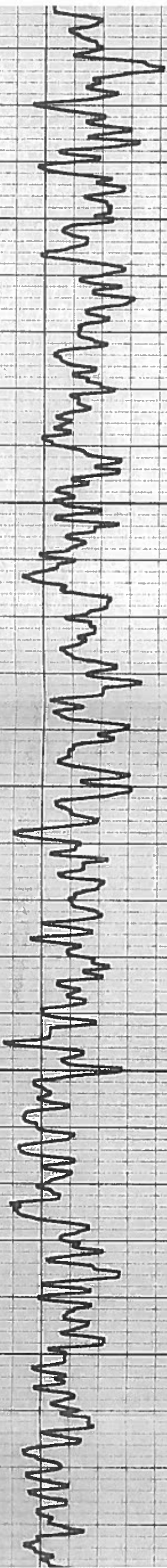


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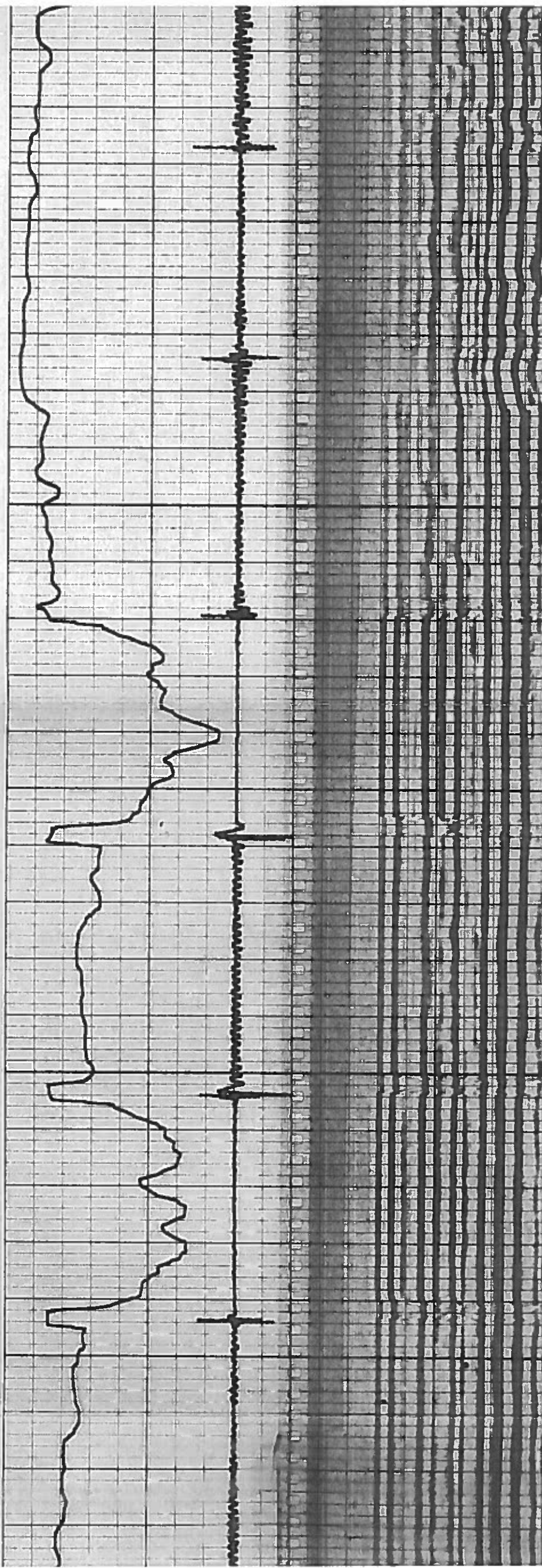
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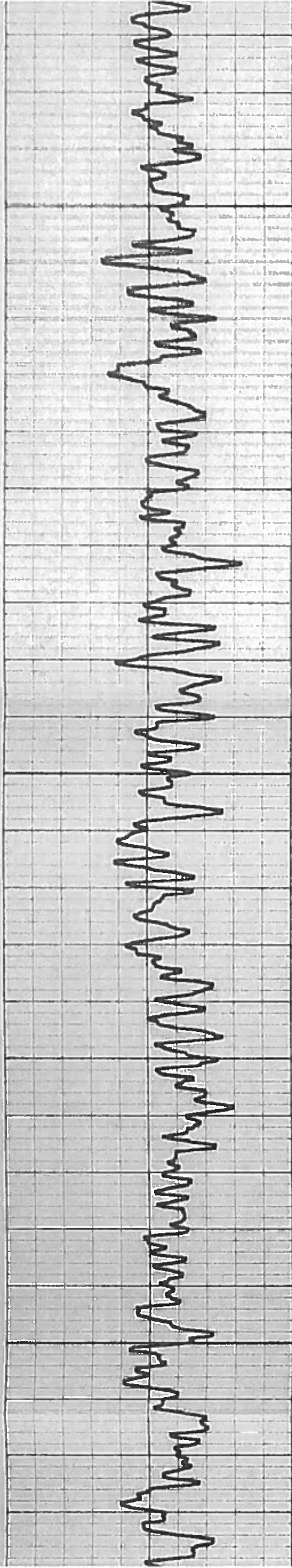




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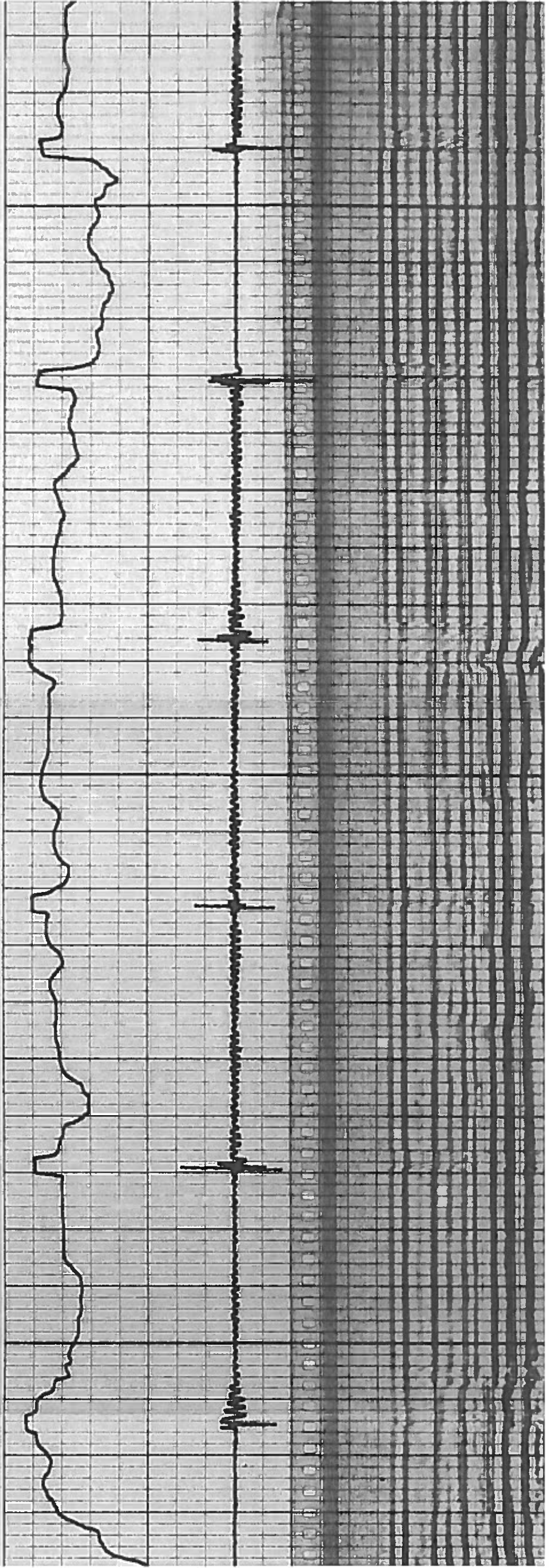


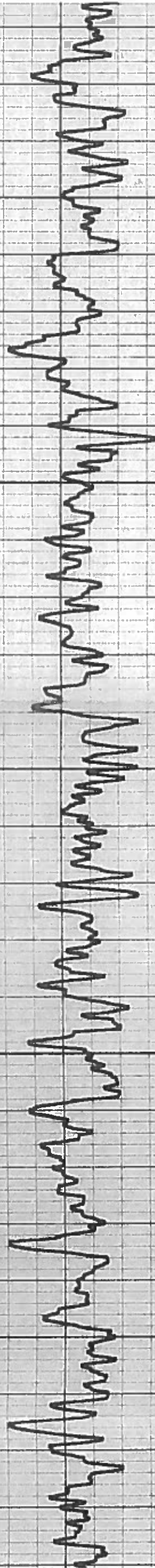


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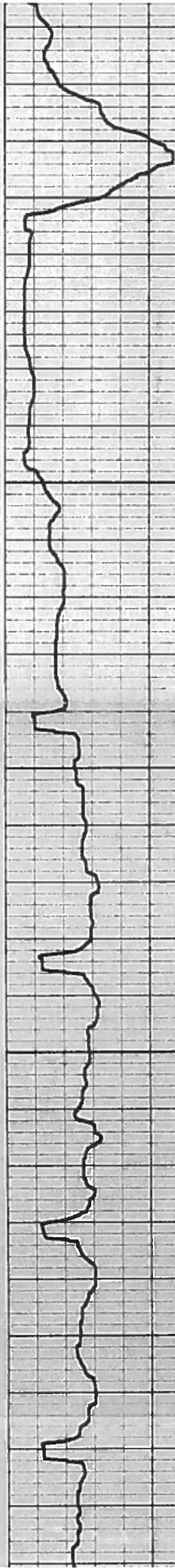
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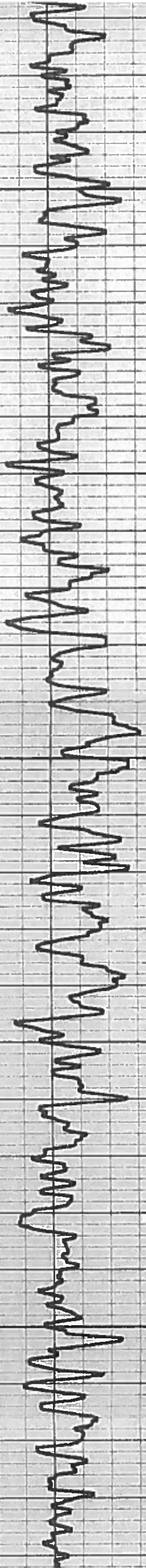




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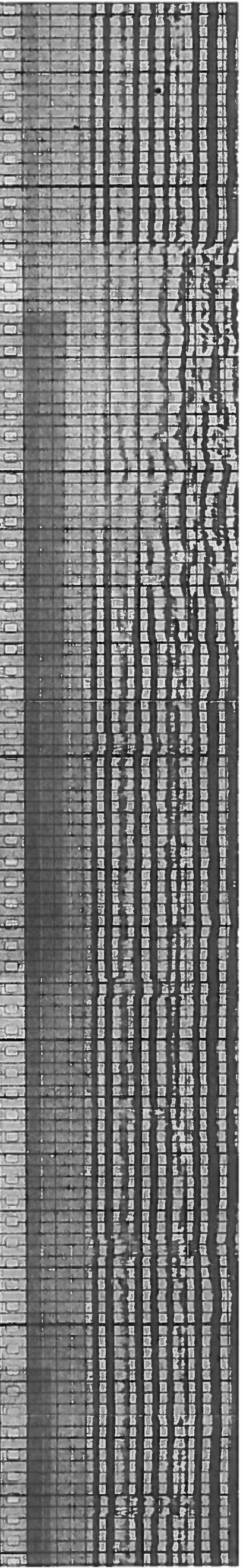


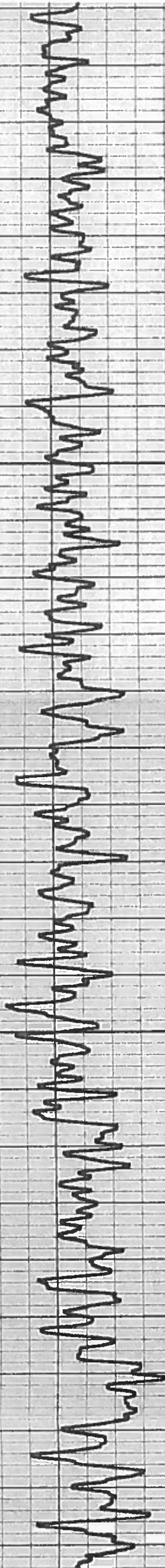
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VIORARA

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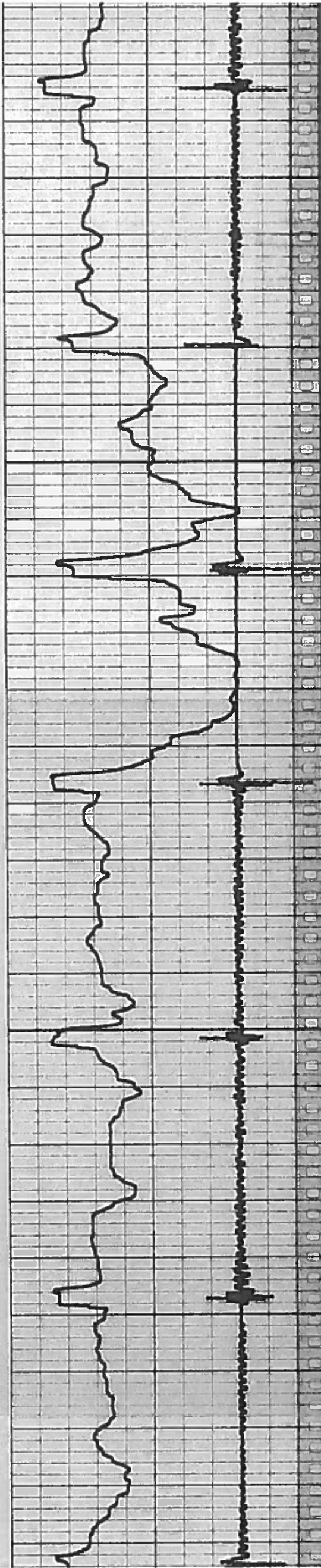
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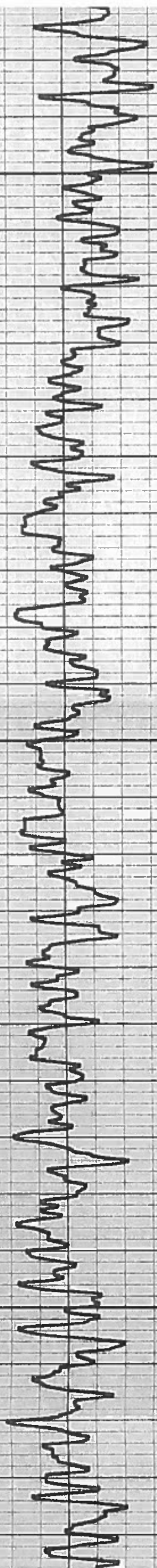




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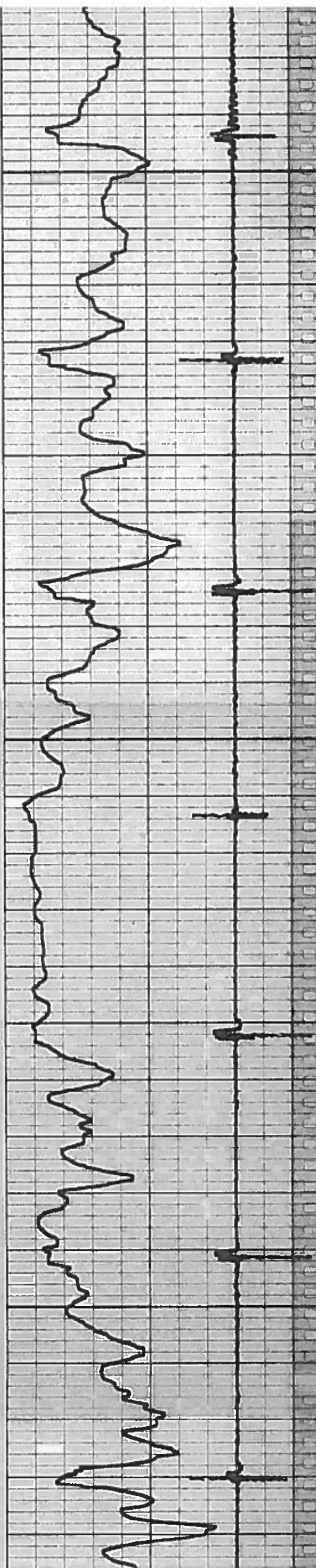




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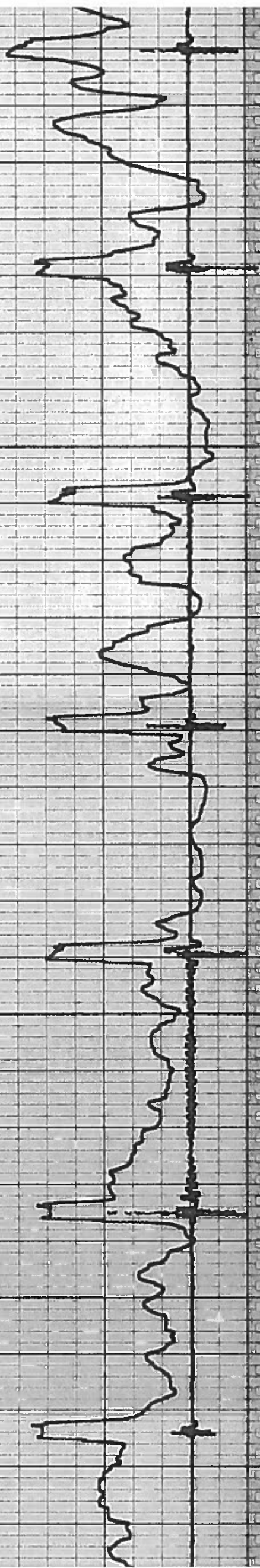


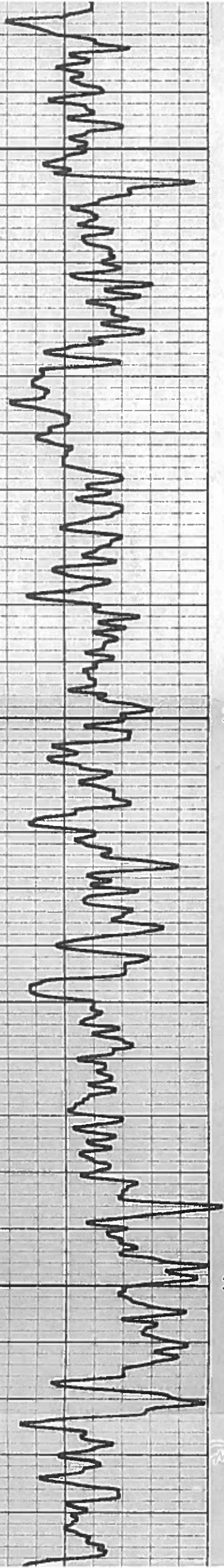


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3300

FRONTIER



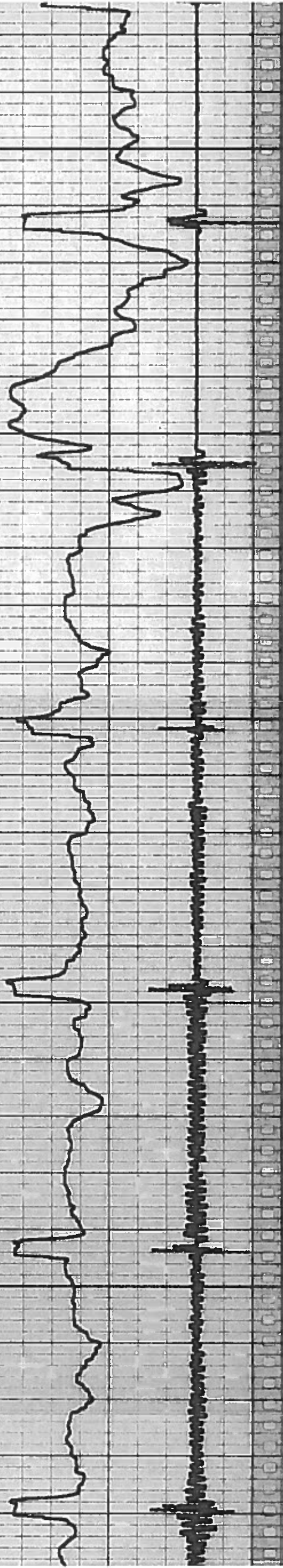


3400

3500

3600

MONTY



MOWRY

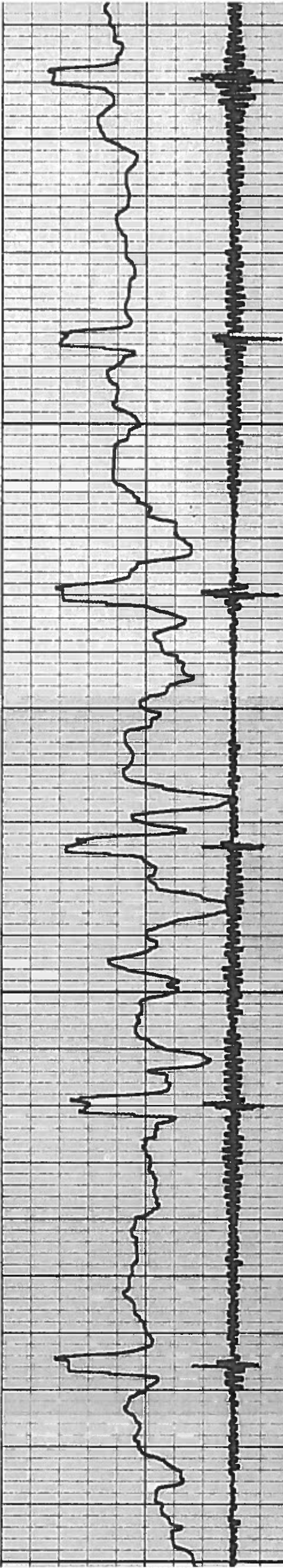
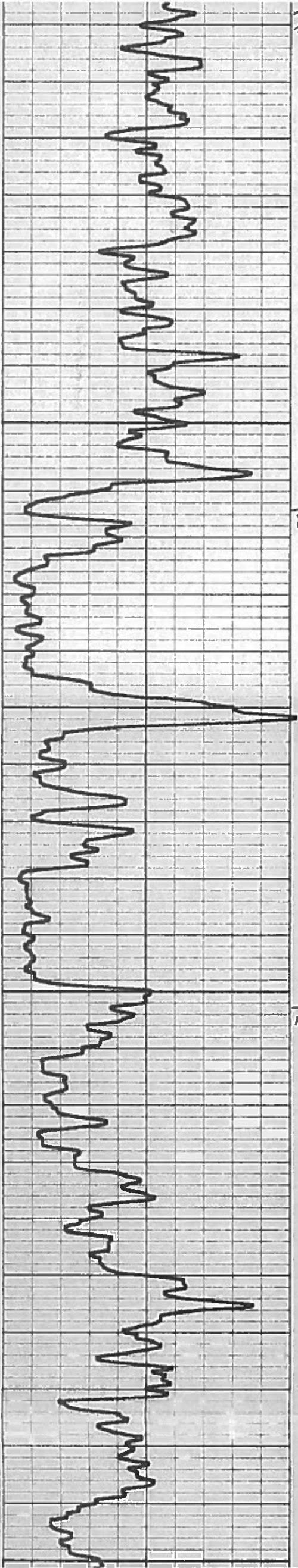
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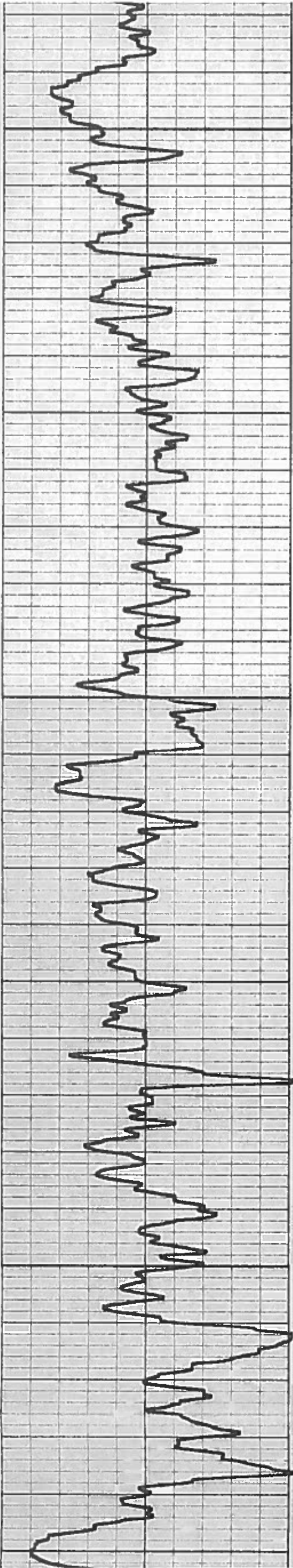
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3800

MORRISON

3900

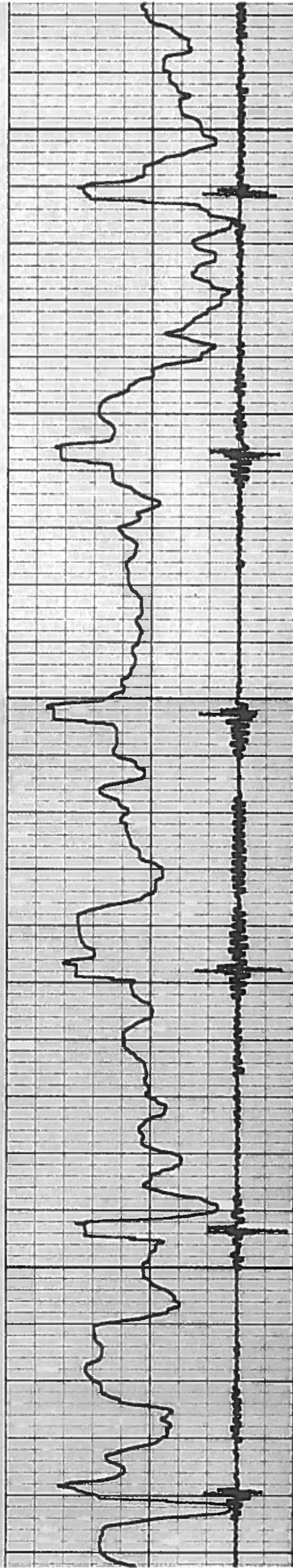


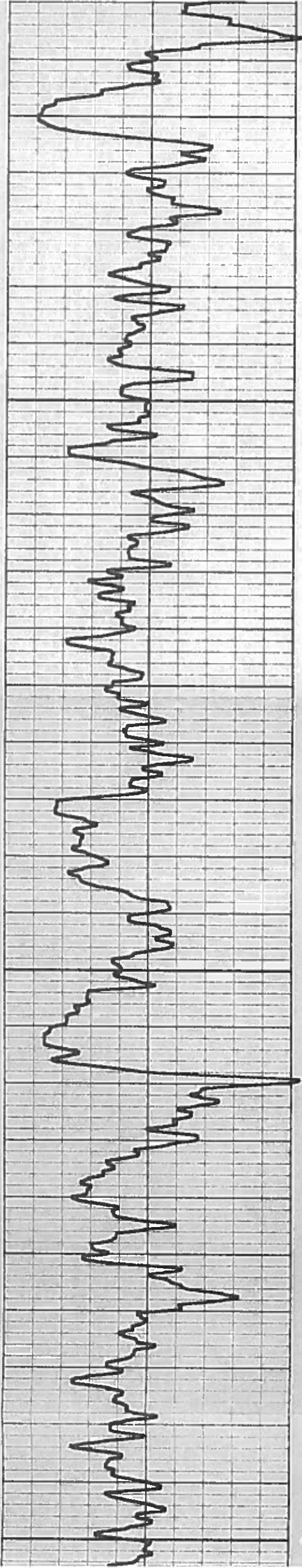


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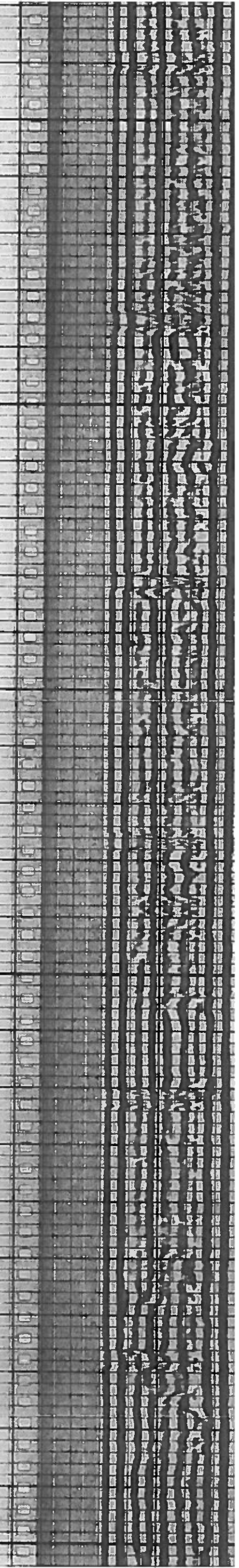
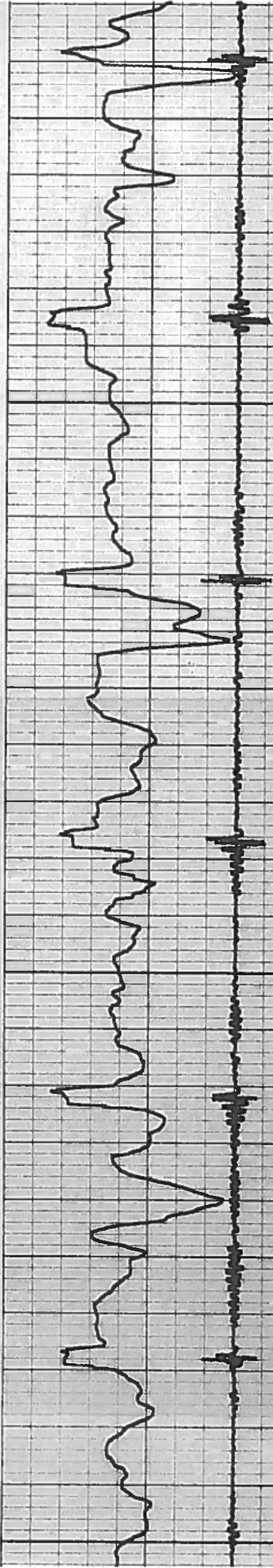




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4300

4400



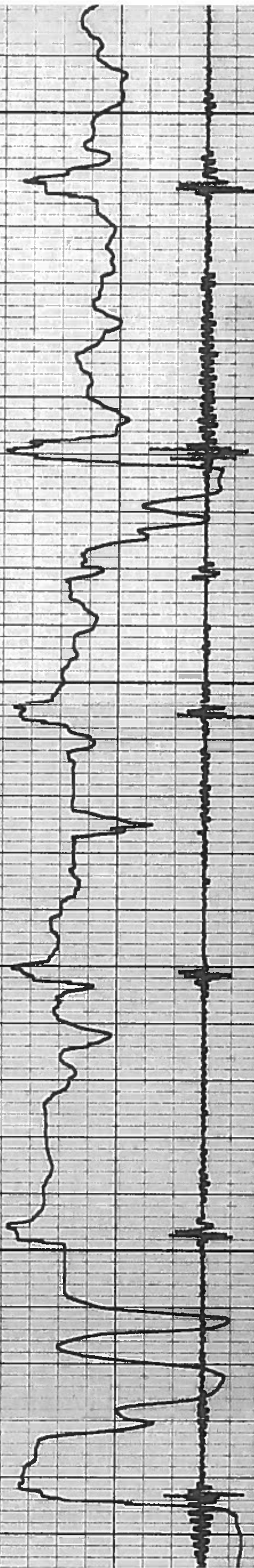
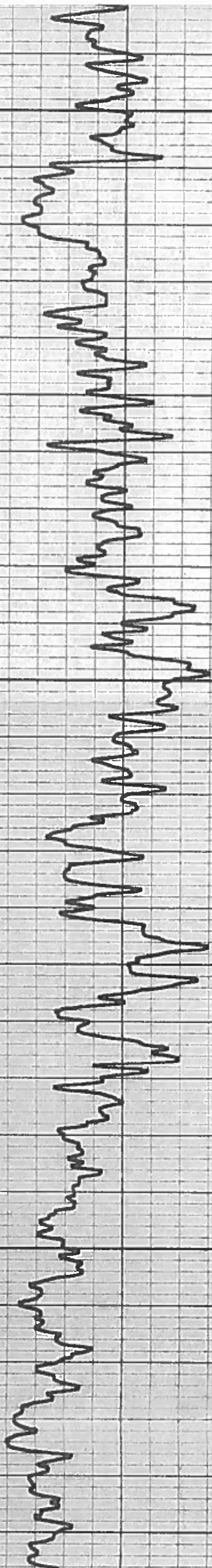
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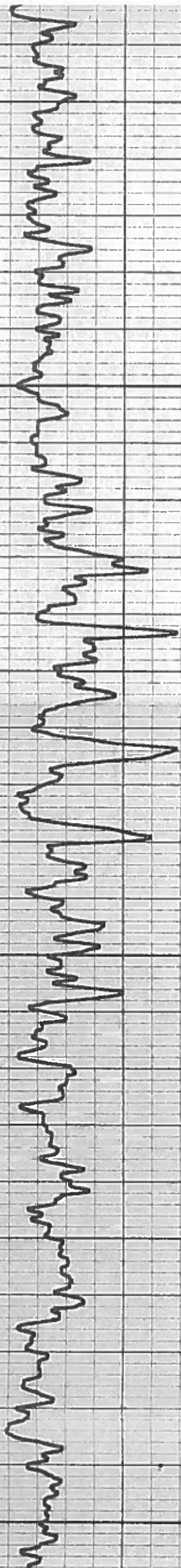
Cut stage
7001

4500

4600

ENTRADA





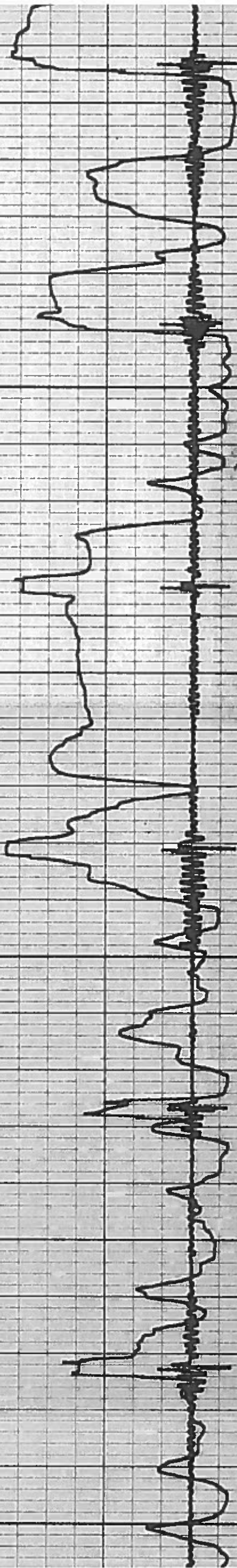
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CARMEL

NAVAJO

4800

4900

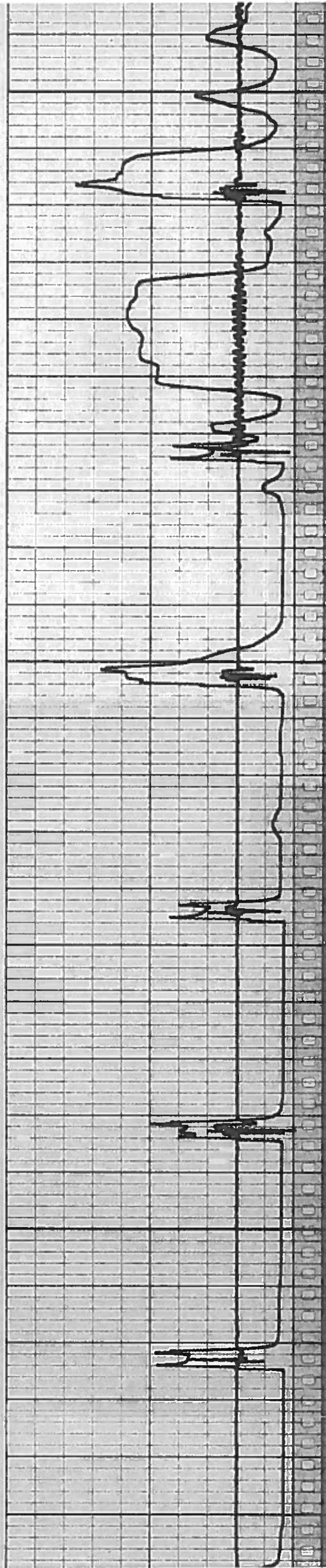


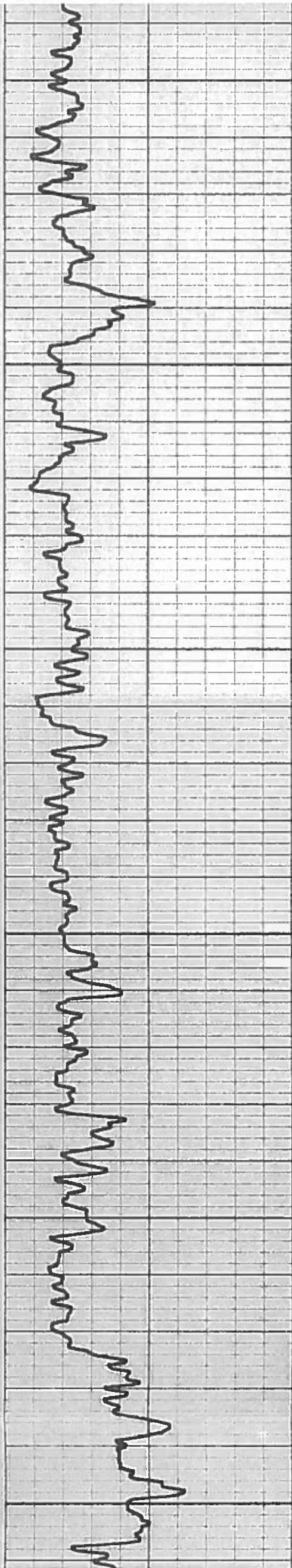


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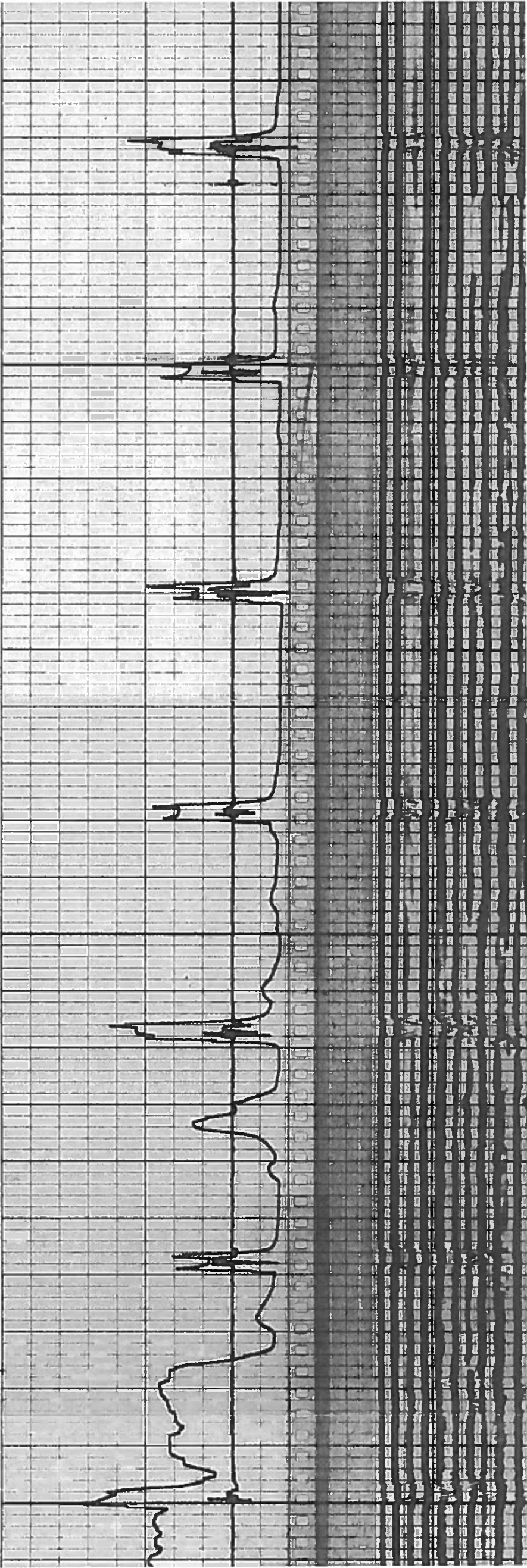


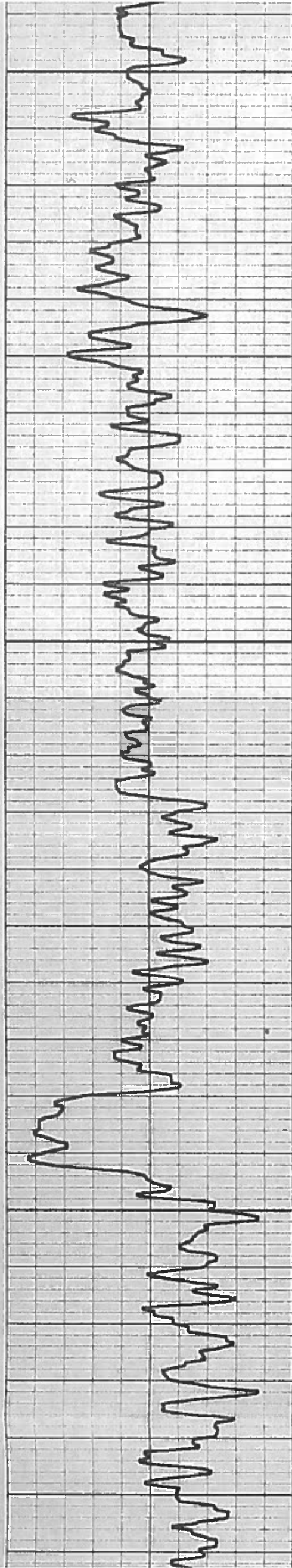
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5300

CHIN E

5400





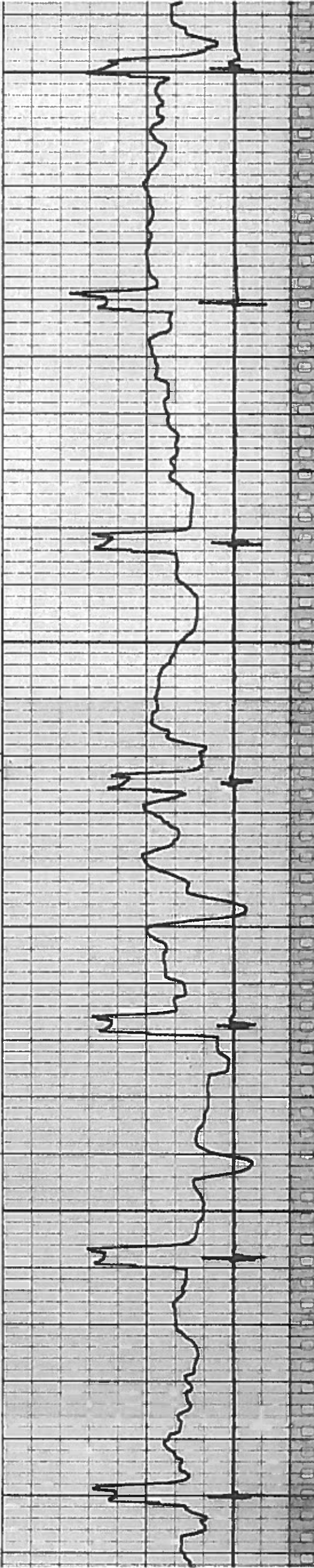
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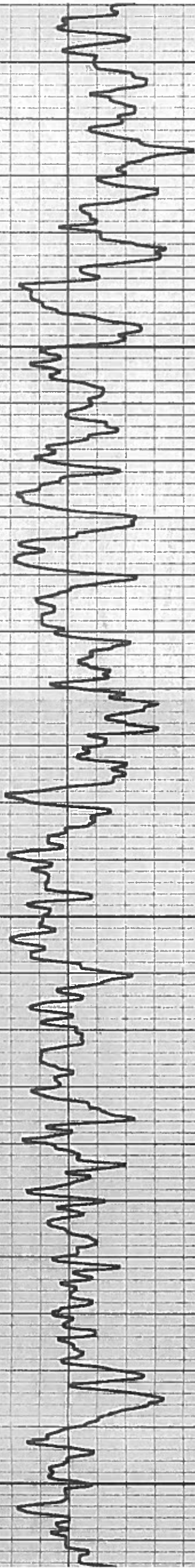
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SHINARUMP

MOENKOPJ

5600



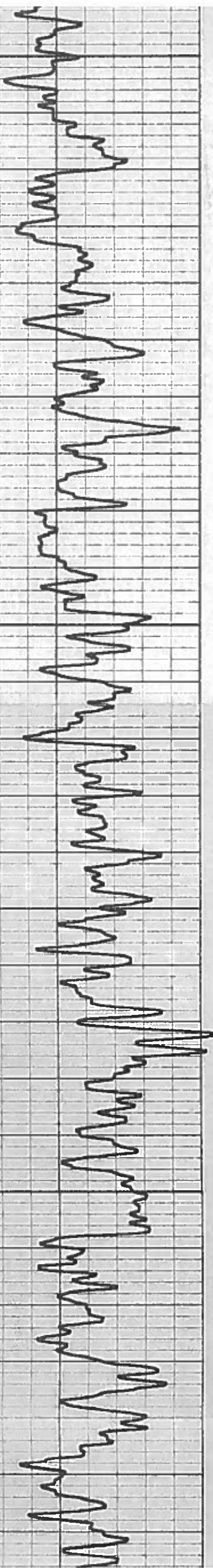


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5800

5900



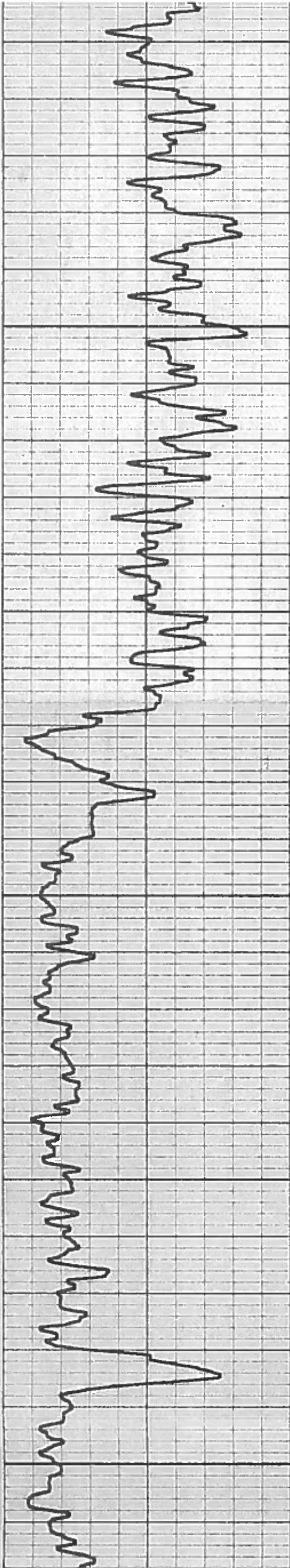


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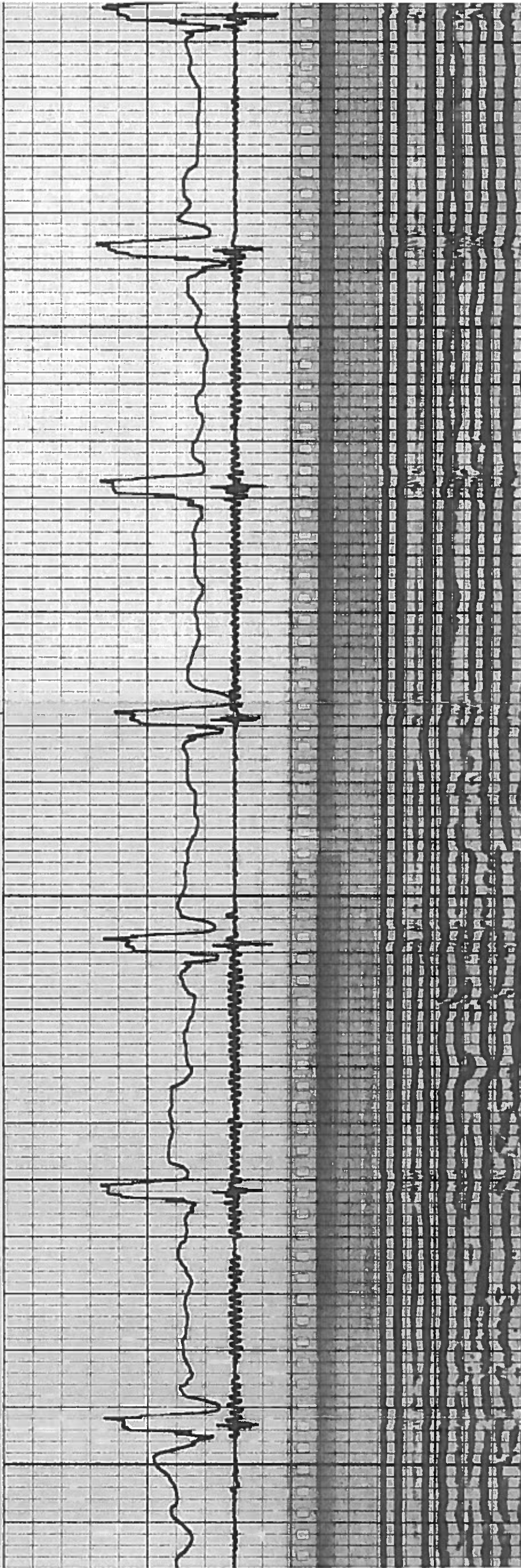


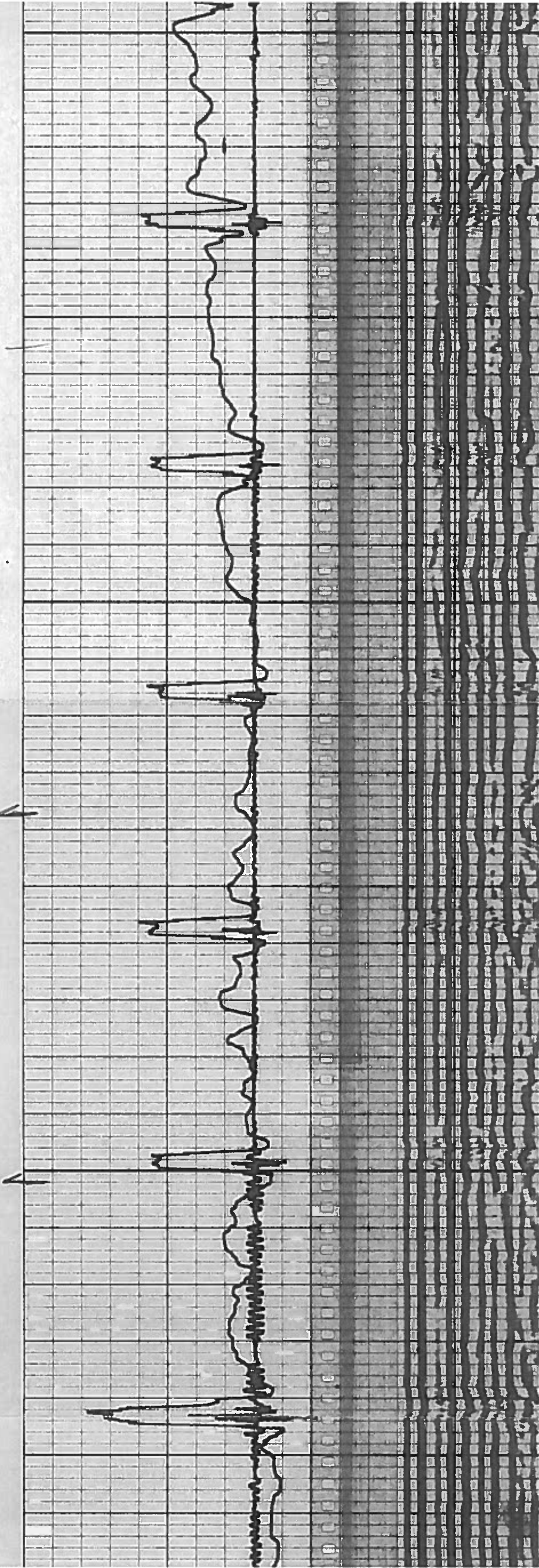
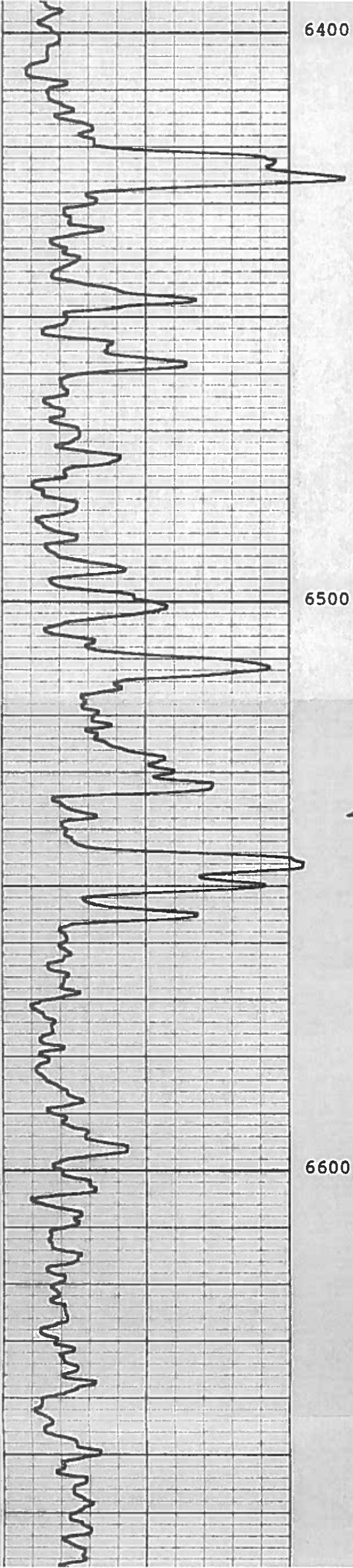
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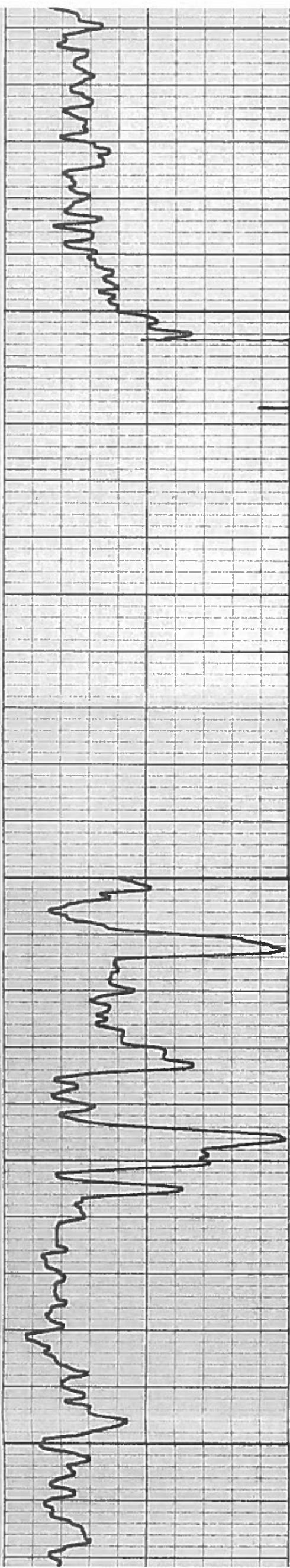
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6300

6400







6700

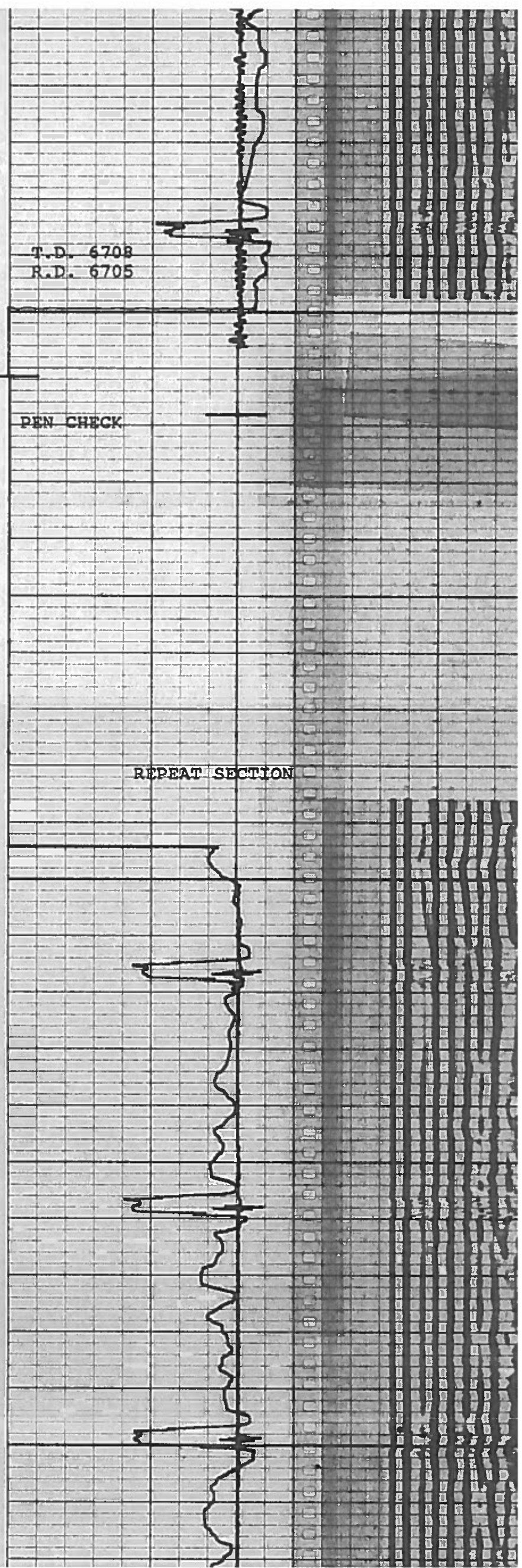
T.D. 6708
R.D. 6705

PEN CHECK

REPEAT SECTION

6500

6600



6600

CHEVRON USA INCORPORATED
U.P. 113X22
RANGELY FIELD
RIO BLANCO COUNTY
COLORADO

6700

T.D. 6708
R.D. 6705

PEN CHECK