



Cement Bond Log
Gamma Ray/CCL

Company EnCana Oil and Gas
Well NELSON #1
Field Wattenberg
County Weld State CO

Location: API #: 05-123-08493
1360 FSL 1510 FWL
SW NE SW
SEC 23 TWP 2N RGE 68W
Permanent Datum Ground Level Elevation 4916'
Log Measured From Kelly Bushing
Drilling Measured From 10' Above Permanent Datum
Other Services
Elevation
K.B. 4926'
D.F. 4925'
G.L. 4916'

Company EnCana Oil and Gas
Well NELSON #1
Field Wattenberg
County Weld
State CO

Date 26-OCT-2015

Run Number One
Depth Driller 8095'
Depth Logger 7870'
Bottom Logged Interval 7870'
Top Log Interval Surface
Open Hole Size 7 7/8"
Type Fluid Water
Density / Viscosity N/A
Max. Recorded Temp. N/A
Estimated Cement Top 7200'
Time Well Ready Upon Arrival
Time Logger on Bottom 11:15 AM
Equipment Number WL-61
Location Ault, CO
Recorded By DEVEN DELAPJUR
Witnessed By Carl Rayas

Borehole Record
Run Number Bit From To Size Weight From To

Casing Record
Size 8 5/8" Wgt/Ft 24# Top Bottom
Surface String 4 1/2" 11.6# Surface 7910'
Production String
Liner

>>> Fold Here >>>

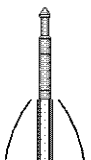
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Thank you for using Cutters Wireline!

Free Pipe Amplitude = 82mV

Log correlated to KB.

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			1.4375CHD Titan Cable Head 1 7/16	1.00	1.44	10.00

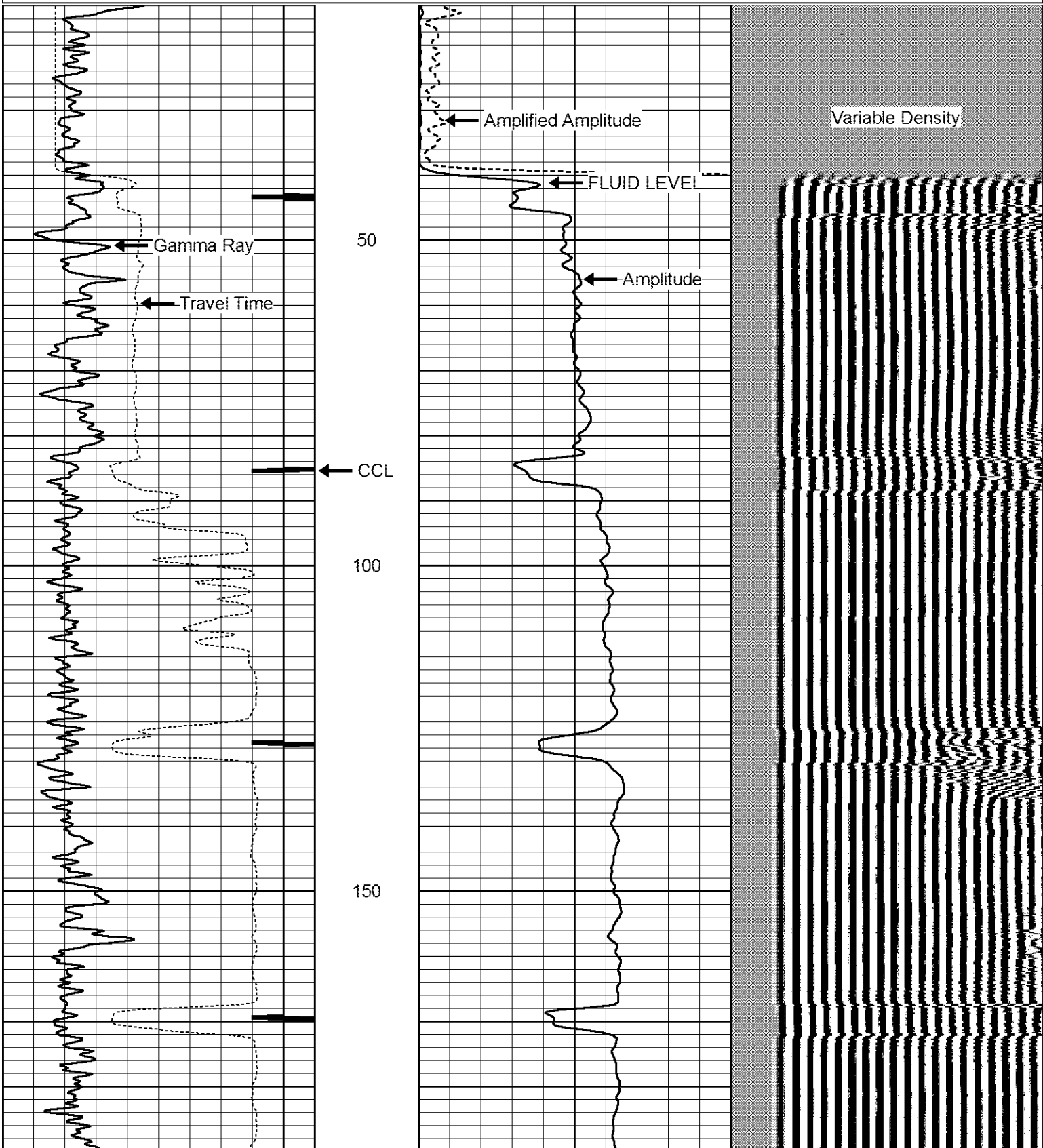
			PTS275	2.83	2.75	
WVF3	11.79					
WVF5	10.79		CBL-Probe (275) Probe 2.75" Dual Receiver Bond	8.92	2.75	60.00
			PTS275	2.83	2.75	
CCL	3.92					
GR	2.42		GR-GCT_C3 (FW1304-53) Probe Digital Gamma CCL Corrosion	4.77	2.75	50.00
Dataset: NELSON_1.db: field/well/run1/pass17 Total Length: 20.35 ft Total Weight: 120.00 lb O.D.: 2.75 in						

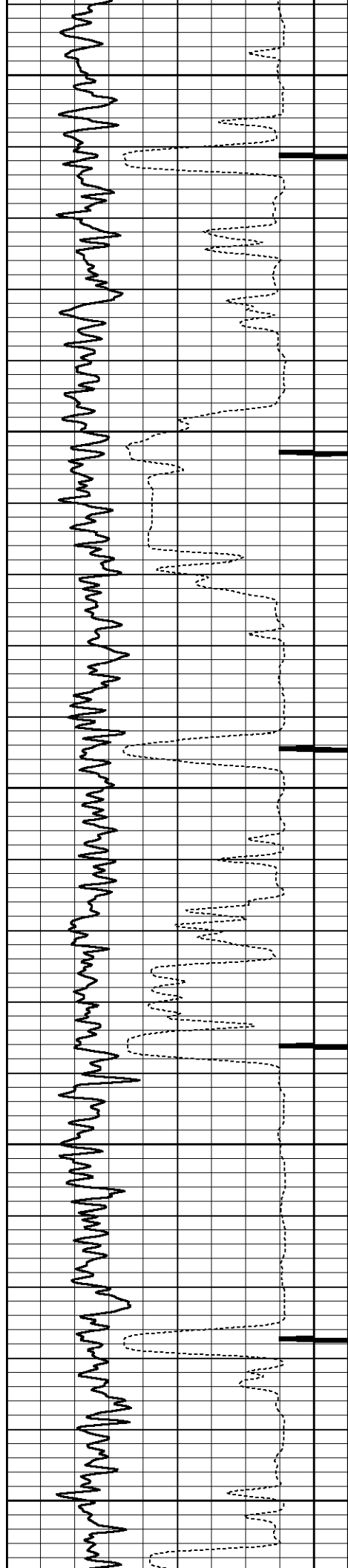
Database File: nelson_1.db
Dataset Pathname: pass17
Presentation Format: cbl_dr
Dataset Creation: Mon Oct 26 11:20:49 2015 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

325	Travel Time (usec)	225
9	Collar Locator	-1
0	Gamma Ray (GAPI)	250

0	Amplified Amplitude (mV)	10
0	Amplitude (mV)	100

200	Variable Density	1200
Free Pipe Gate		





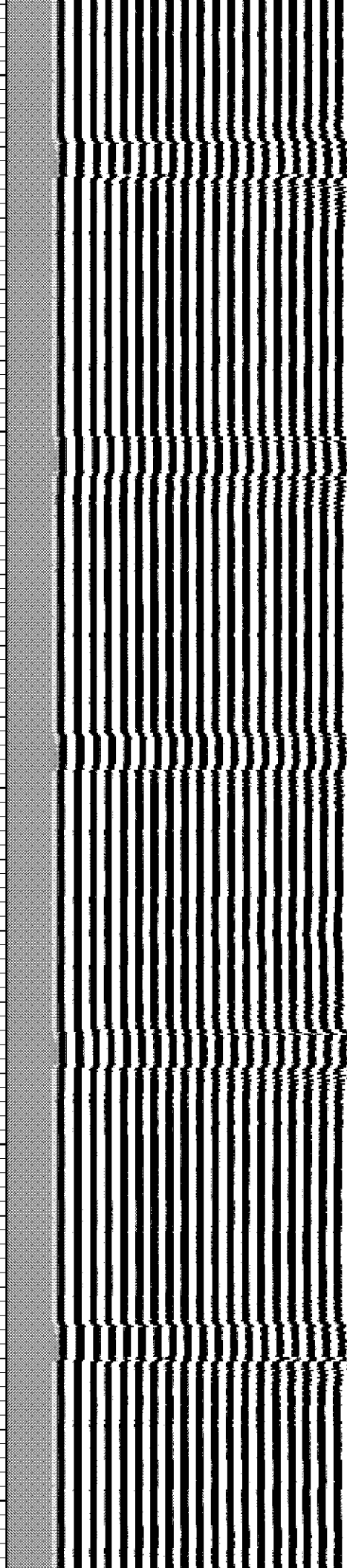
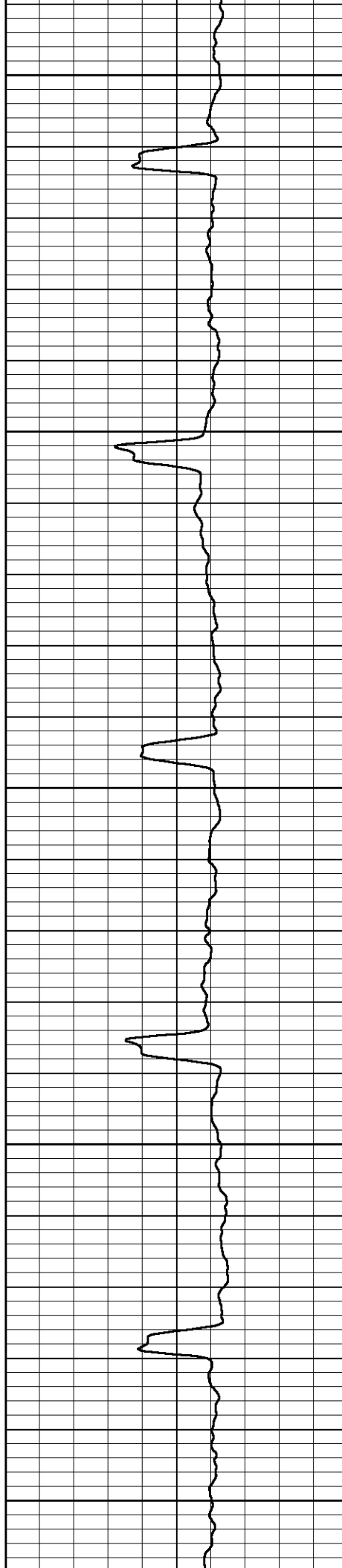
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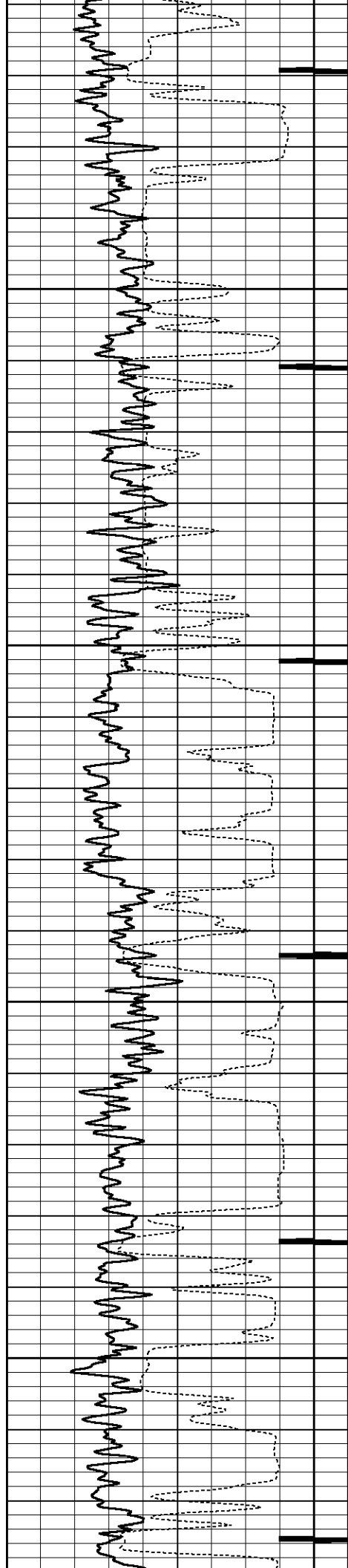
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300

350

400



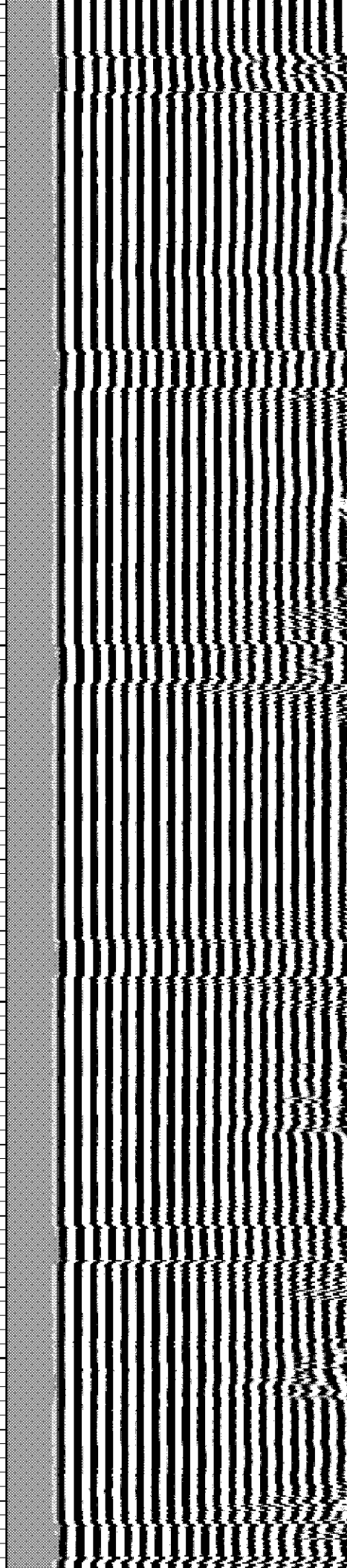
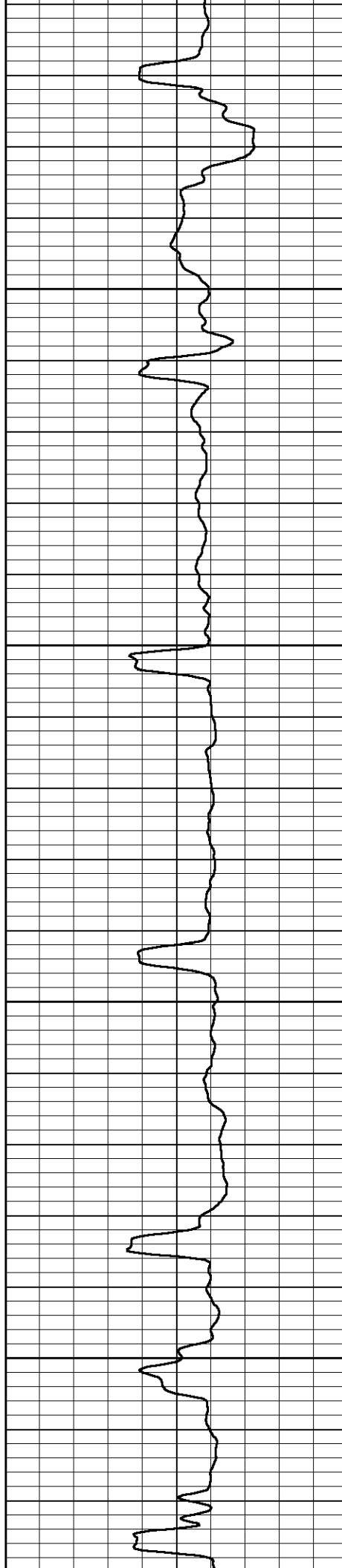


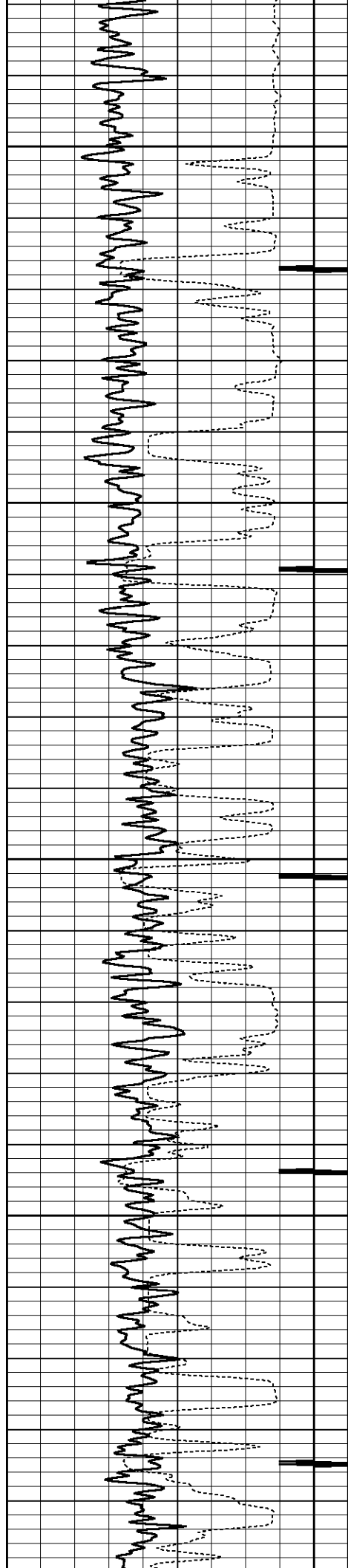
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500

550

600





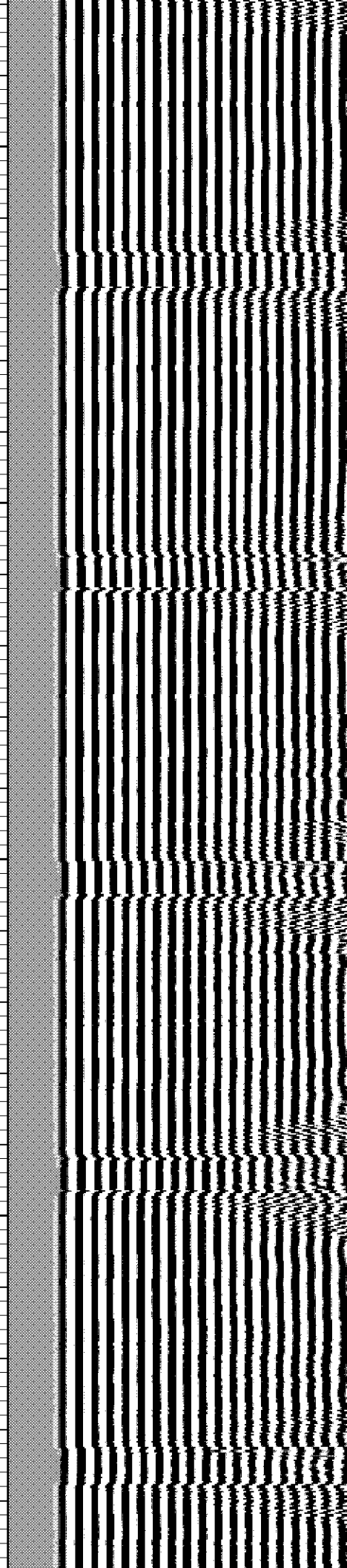
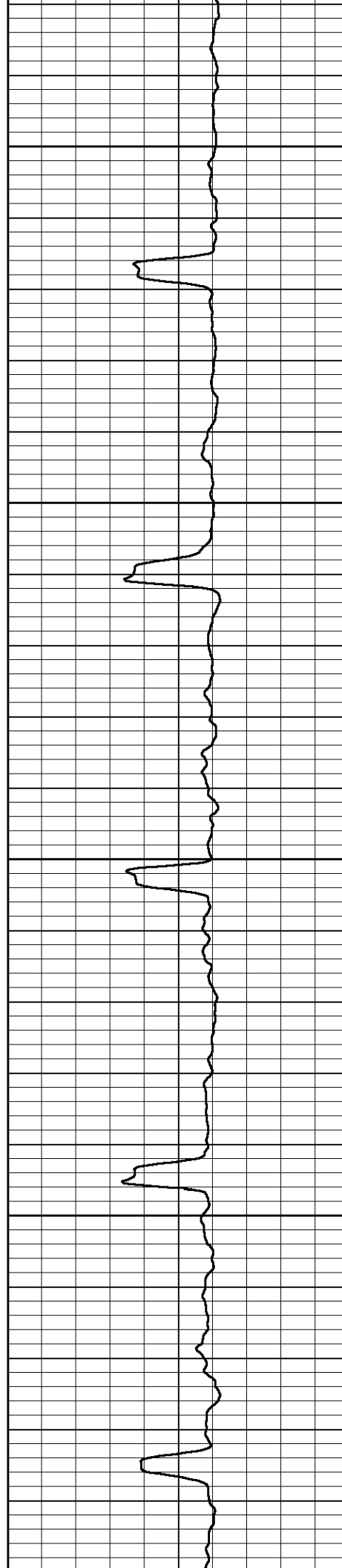
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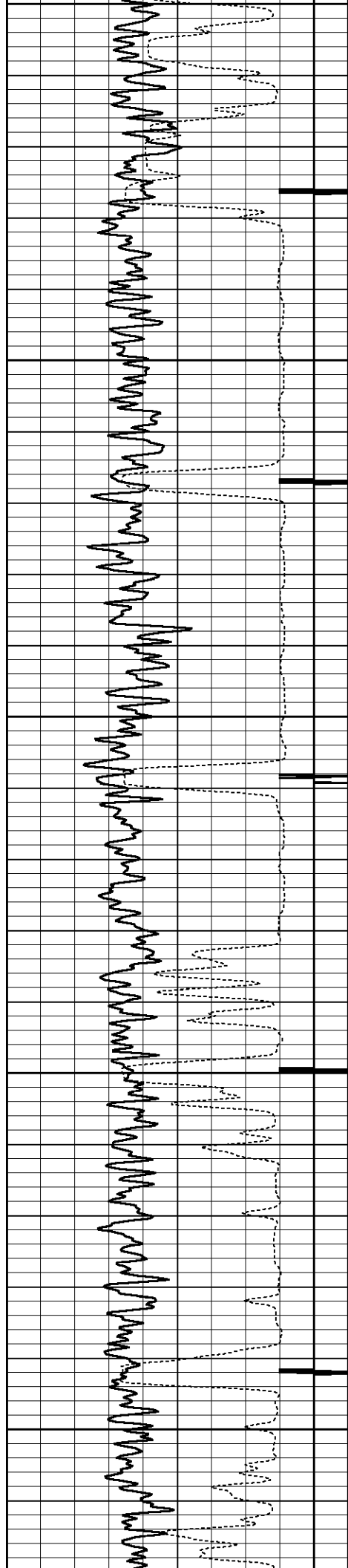
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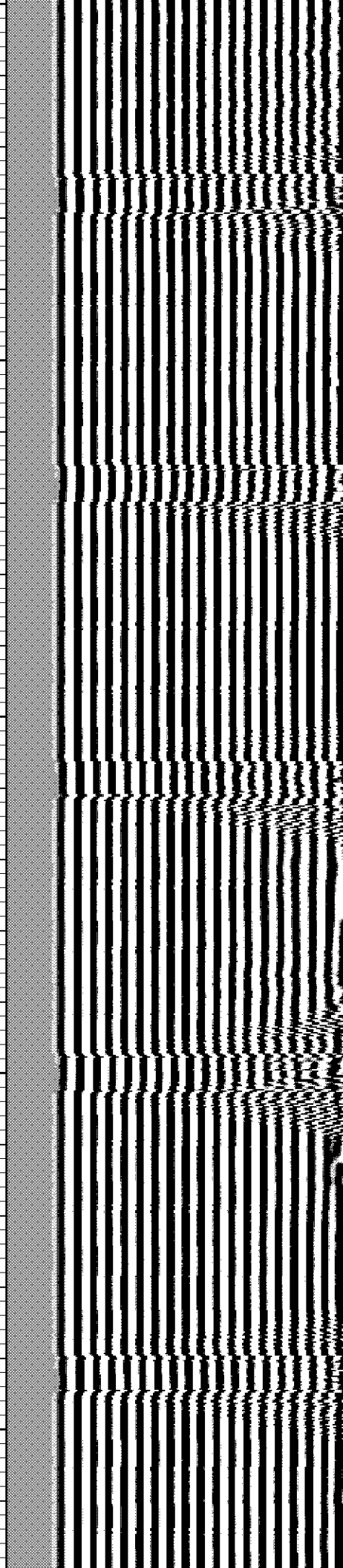
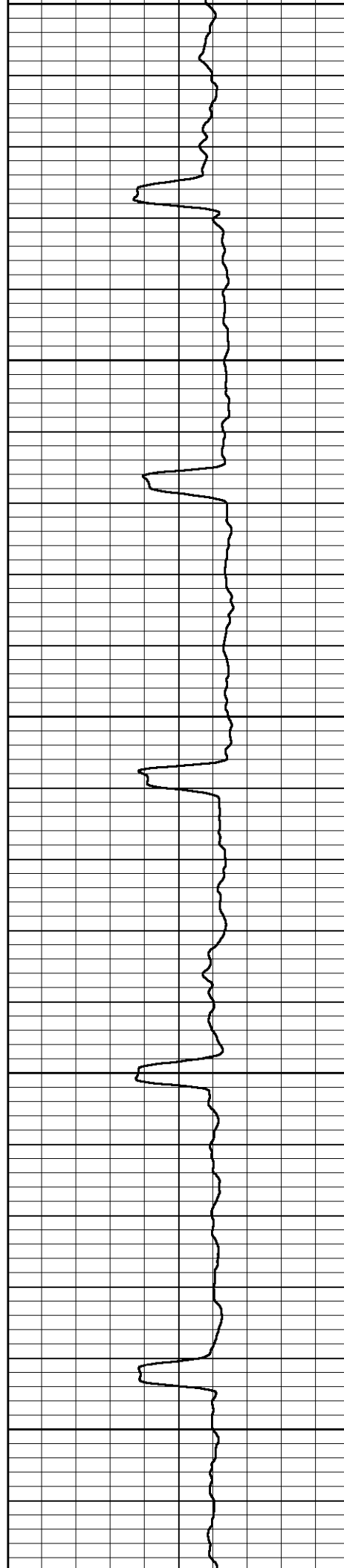
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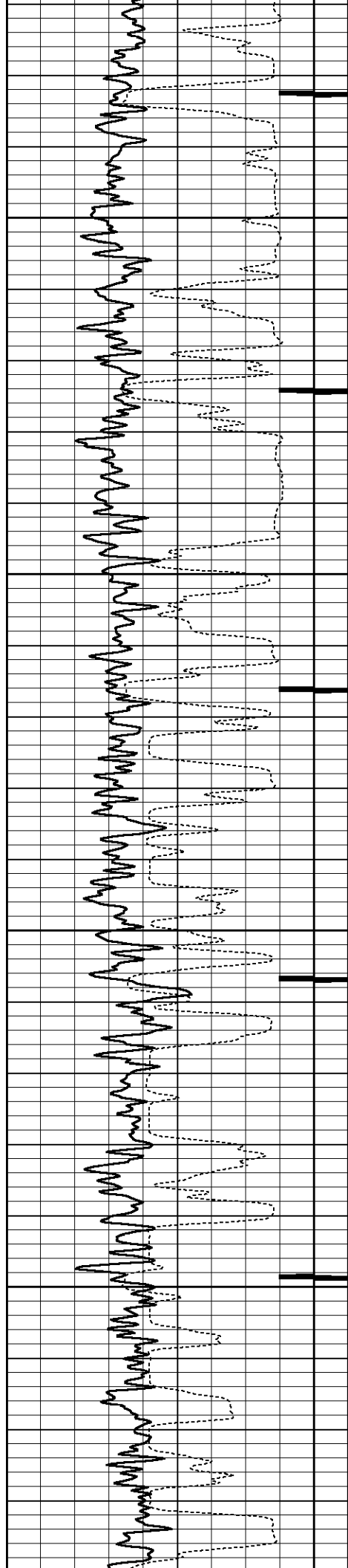
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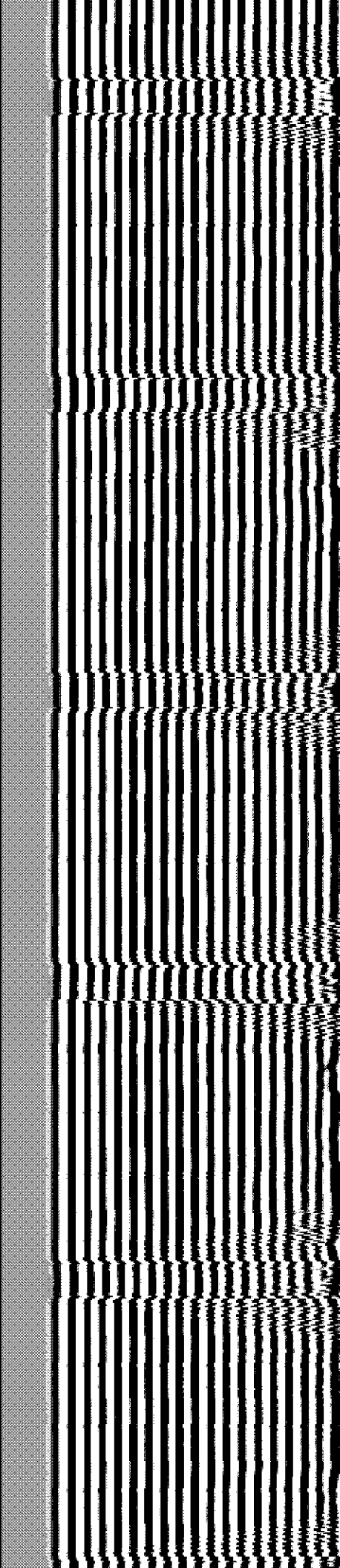
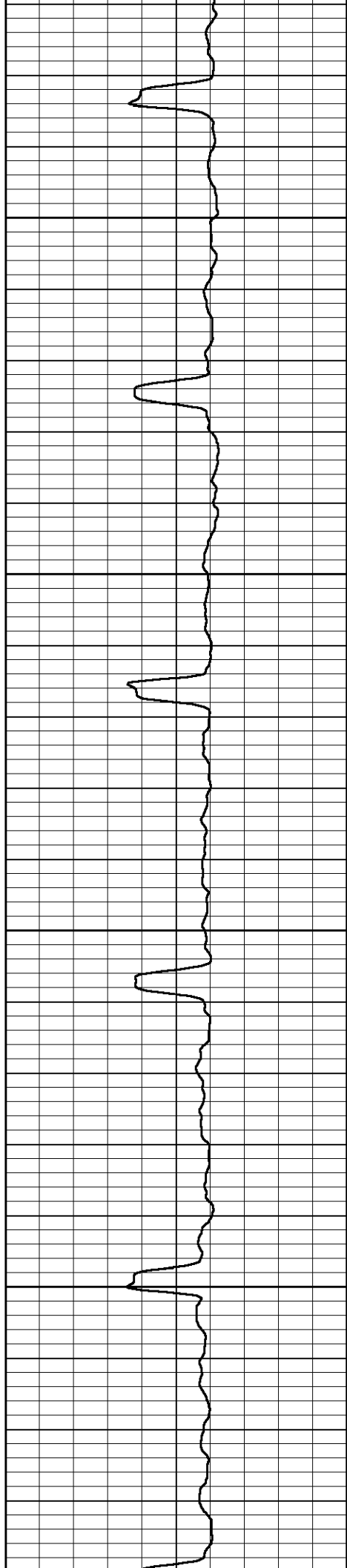


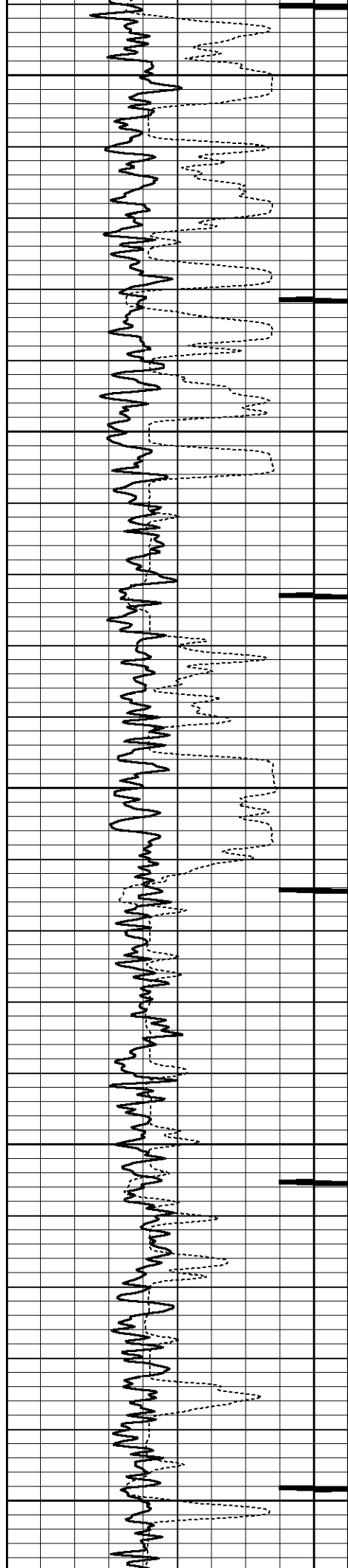
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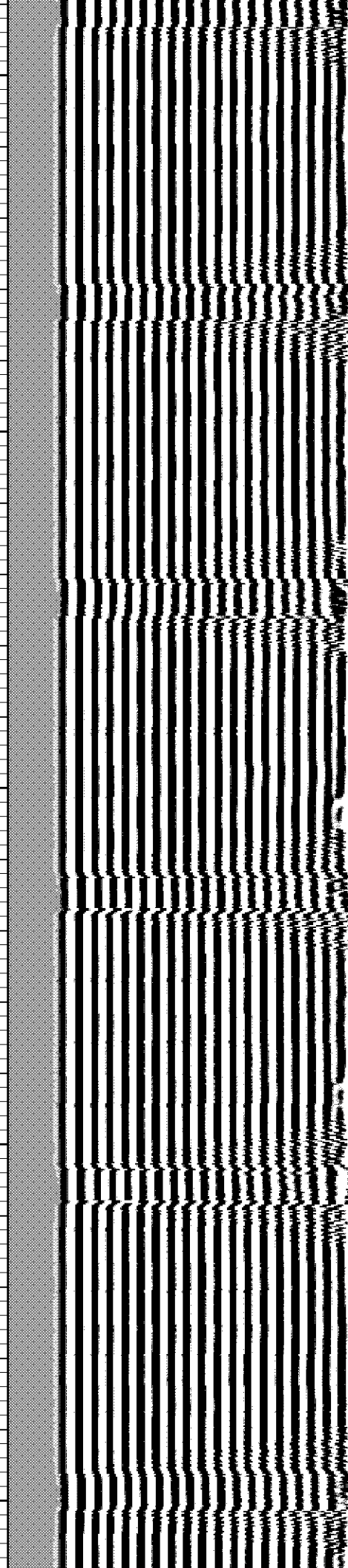
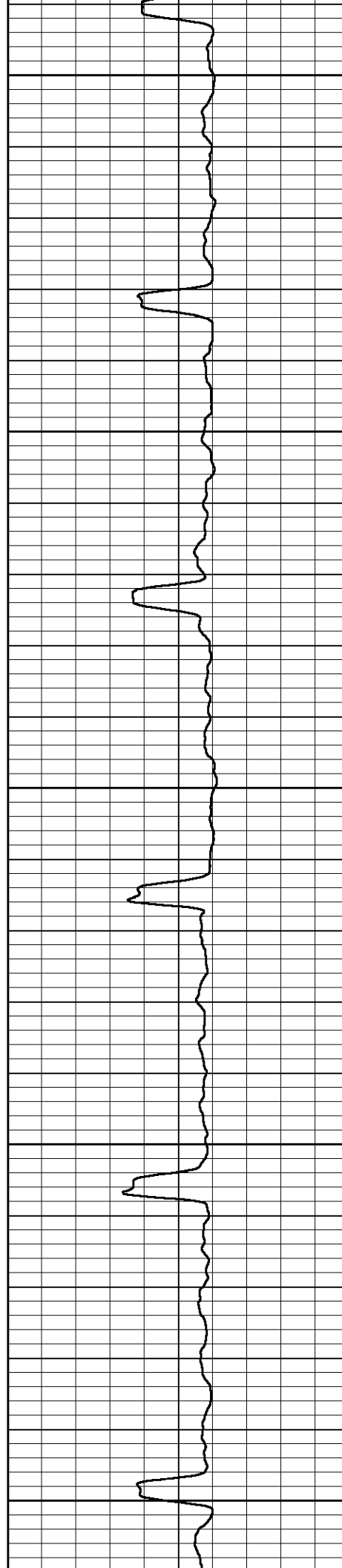
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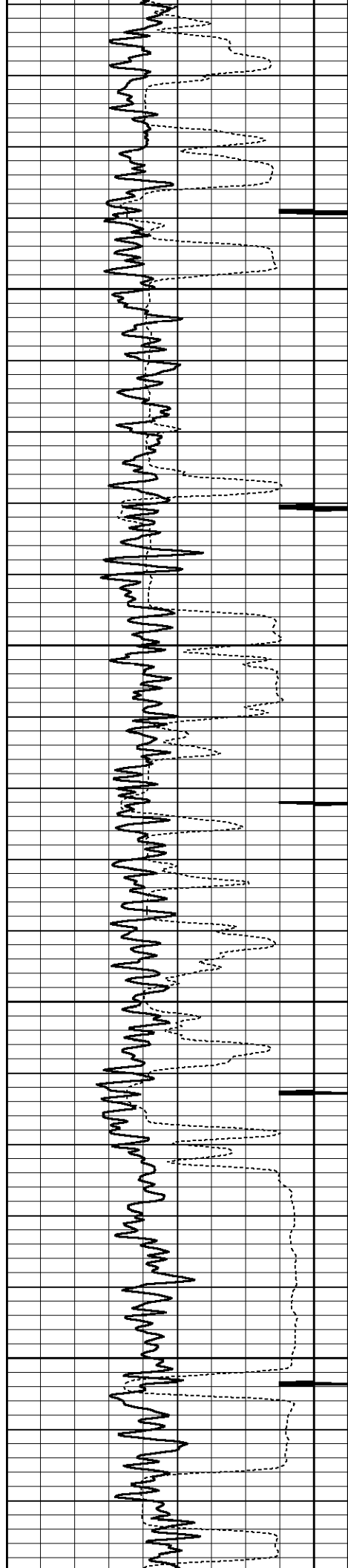
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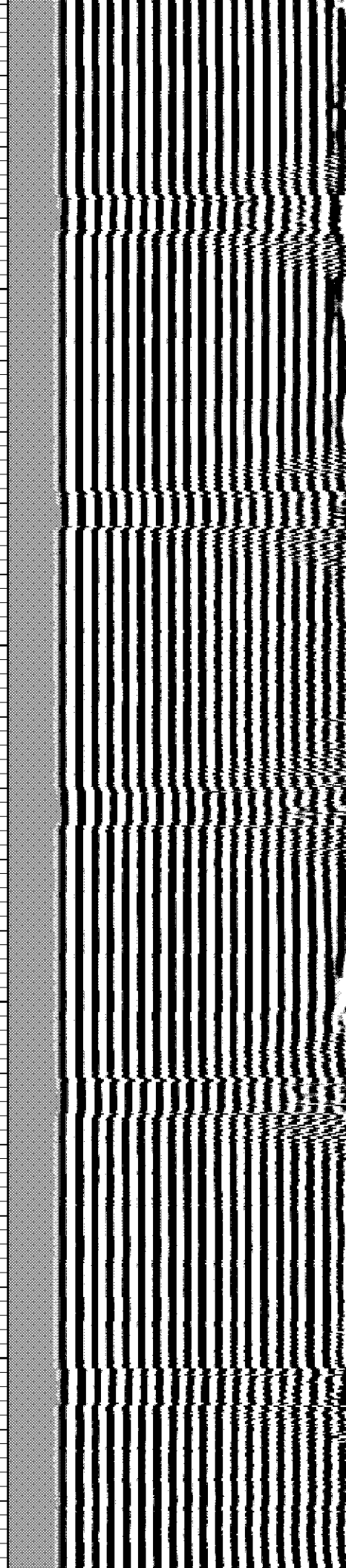
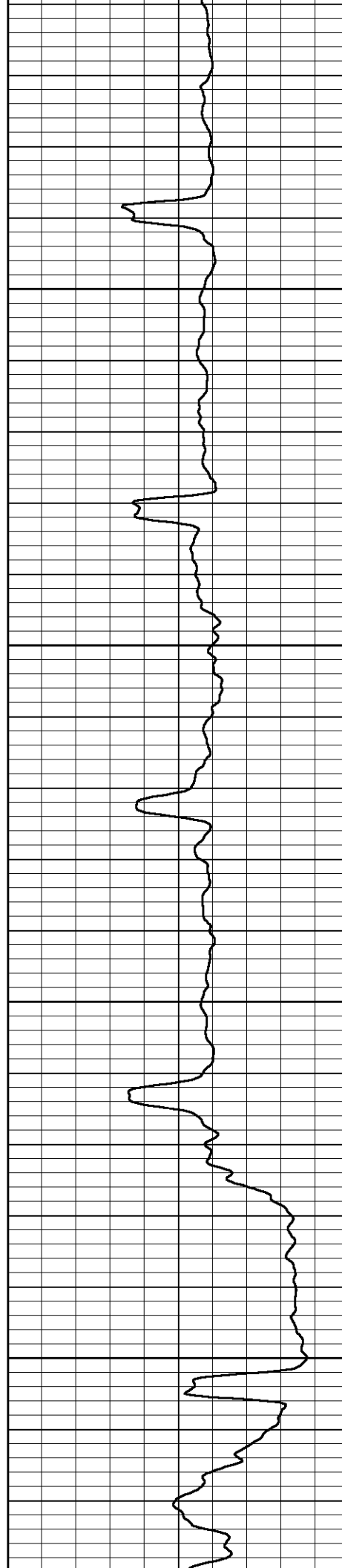


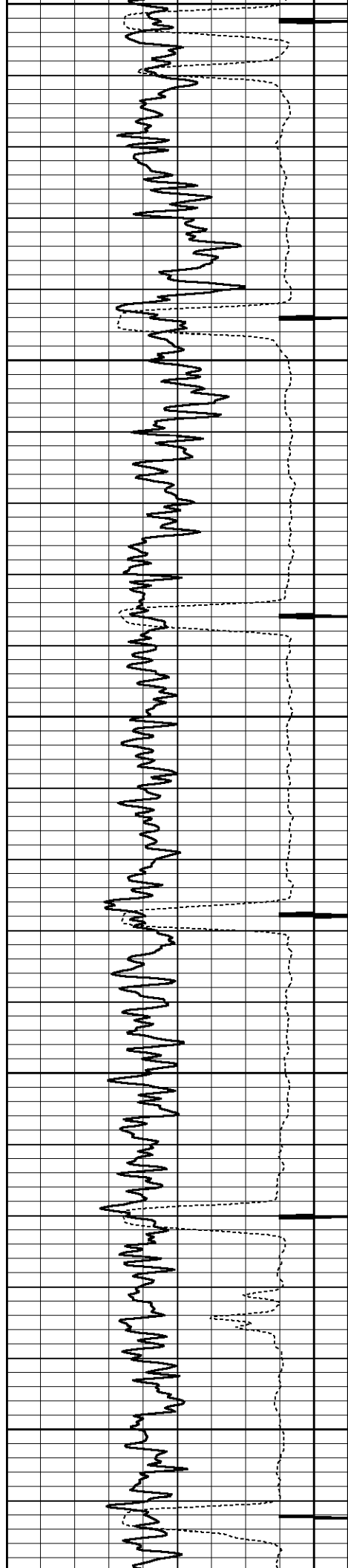
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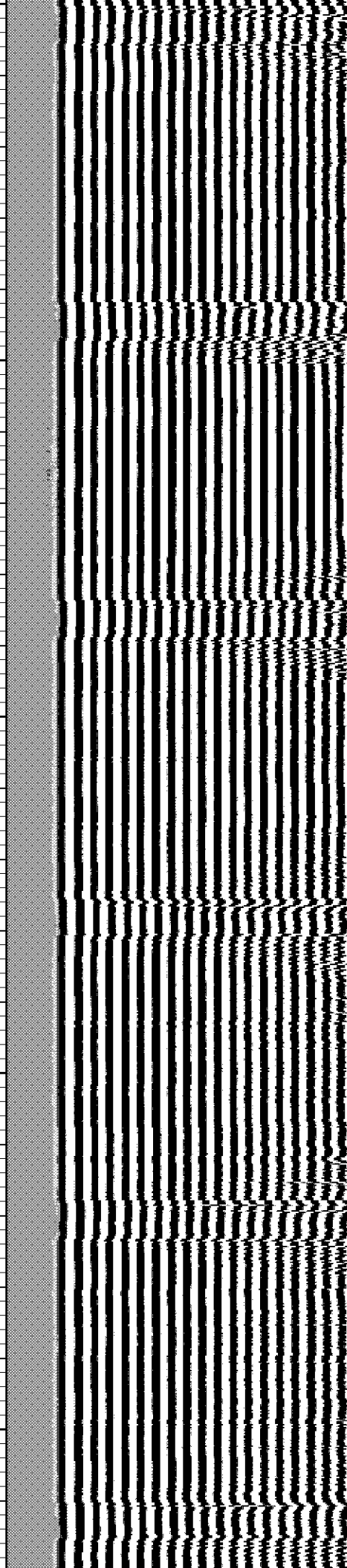
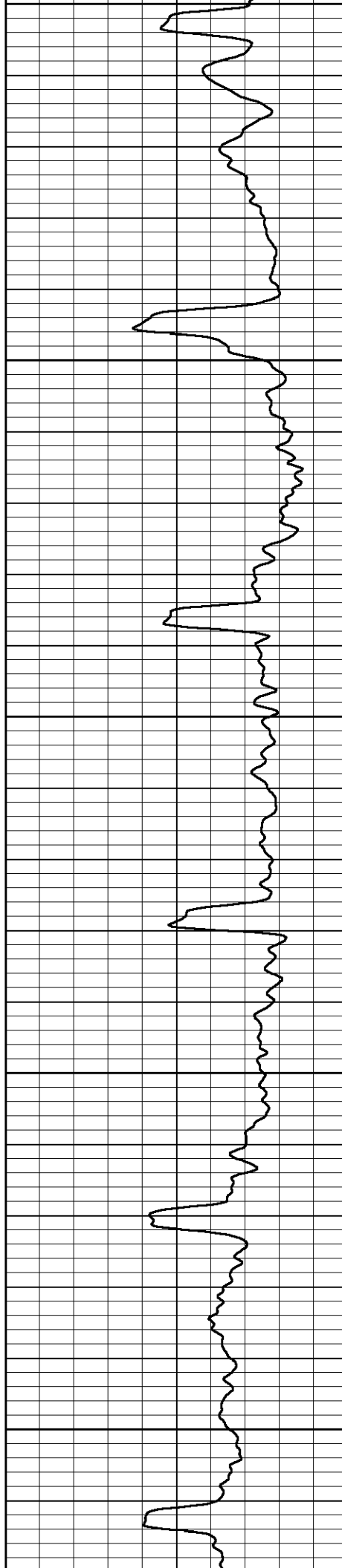
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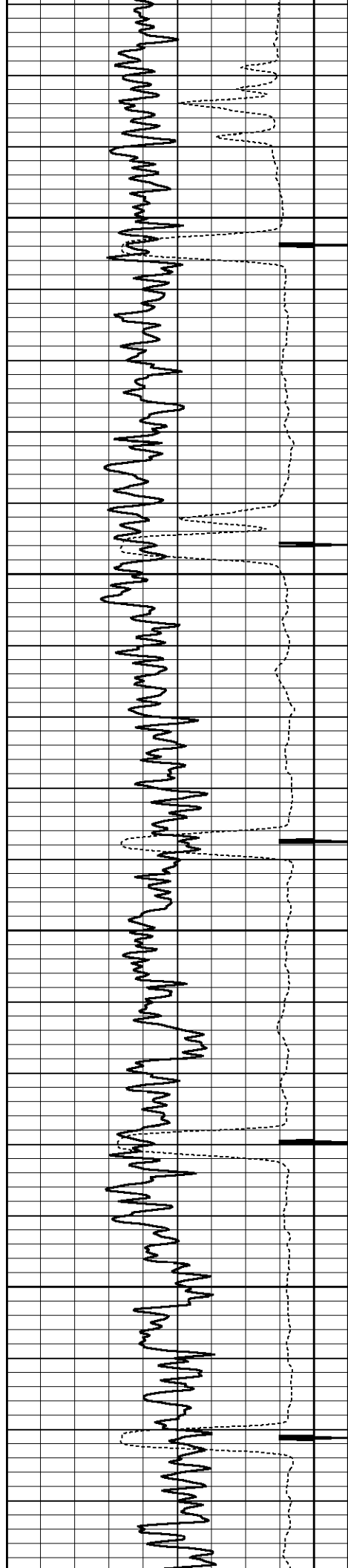
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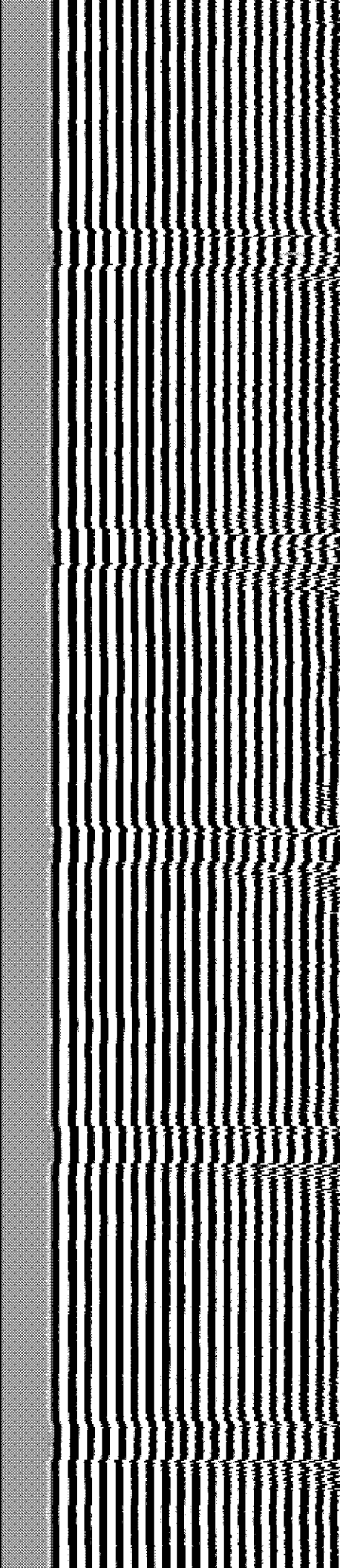
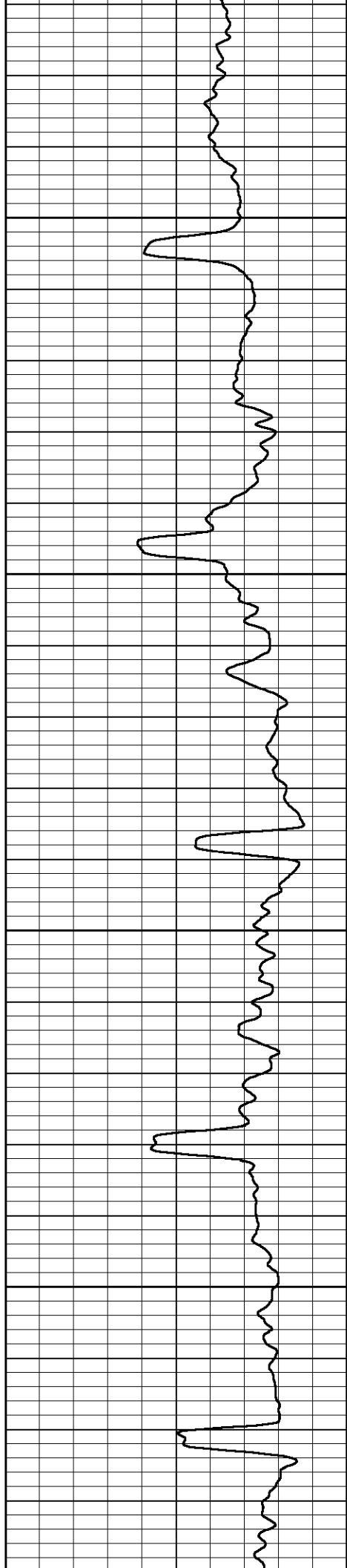


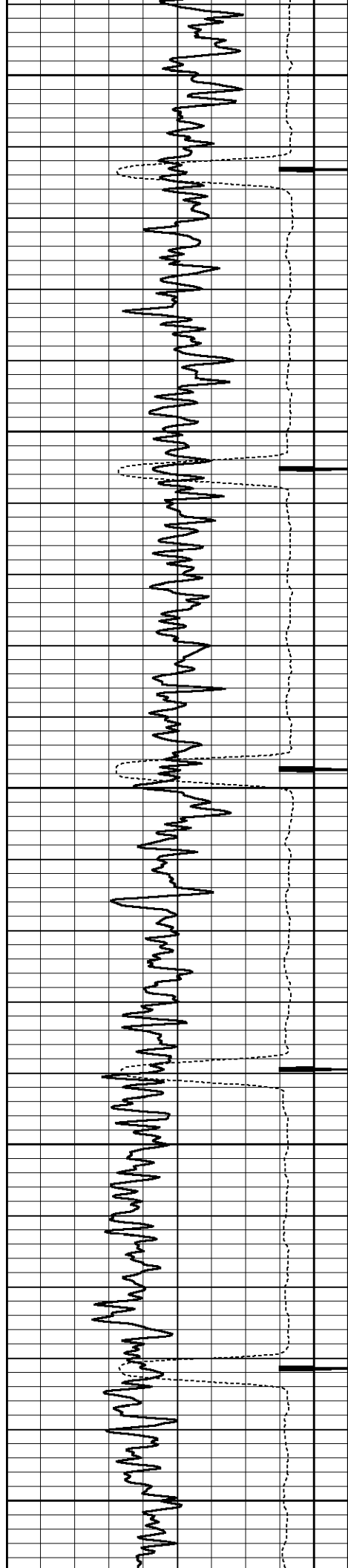
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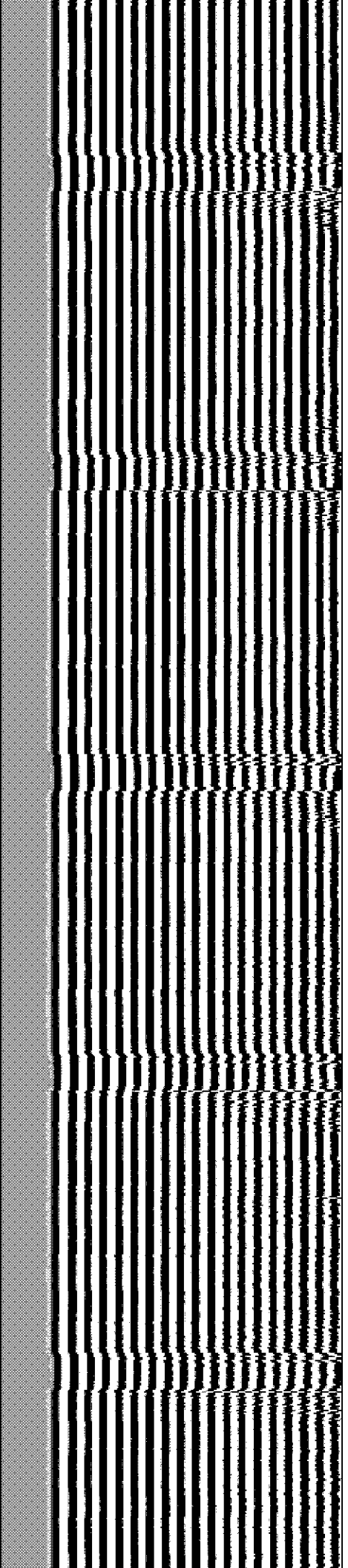
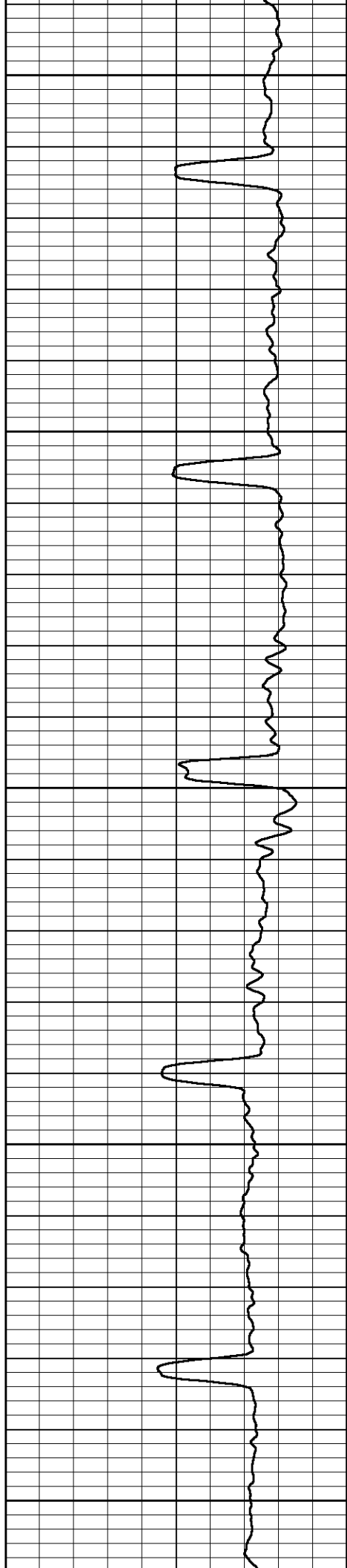
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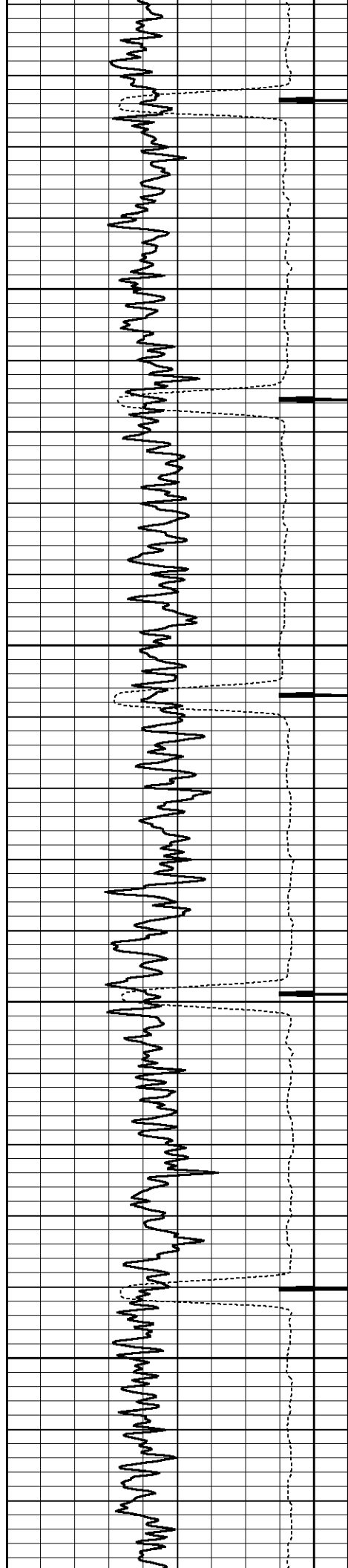
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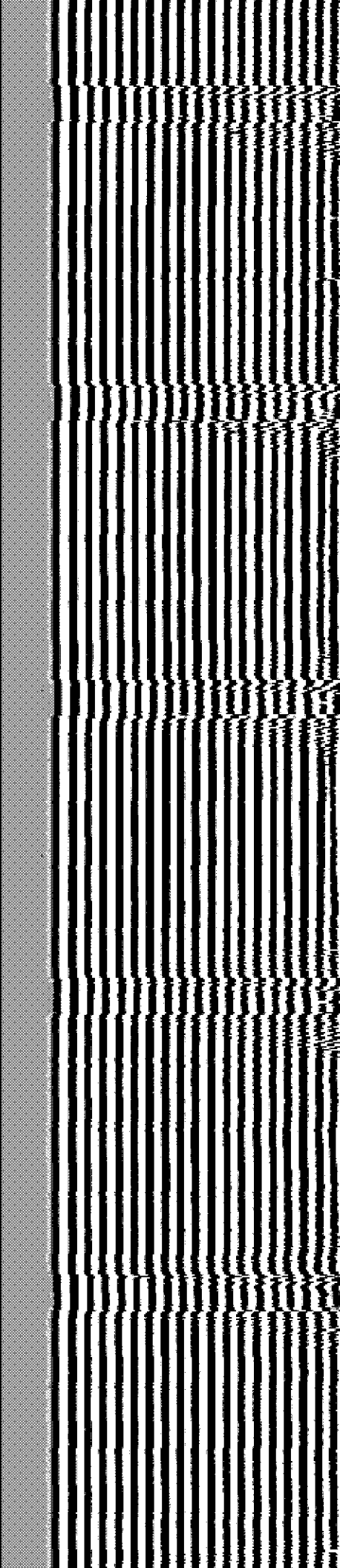
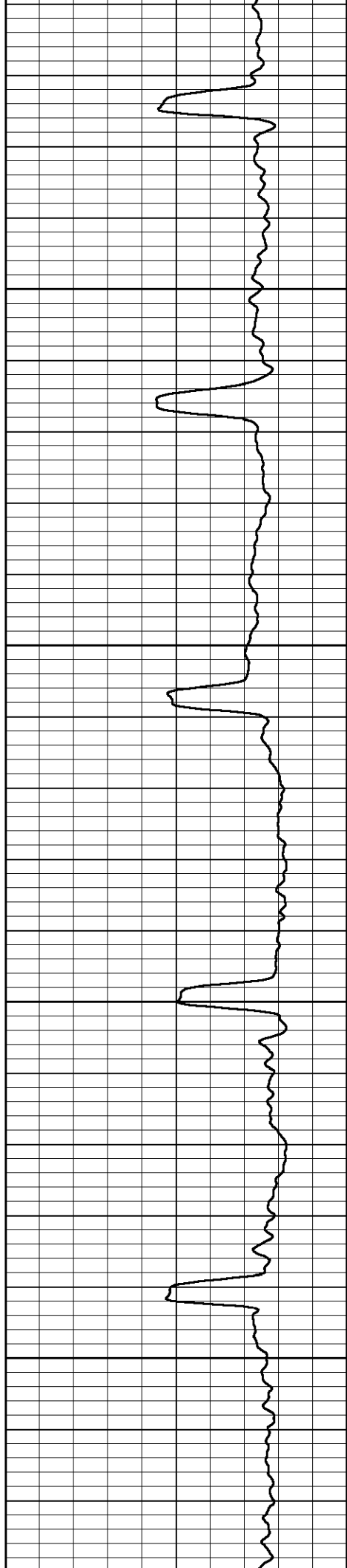


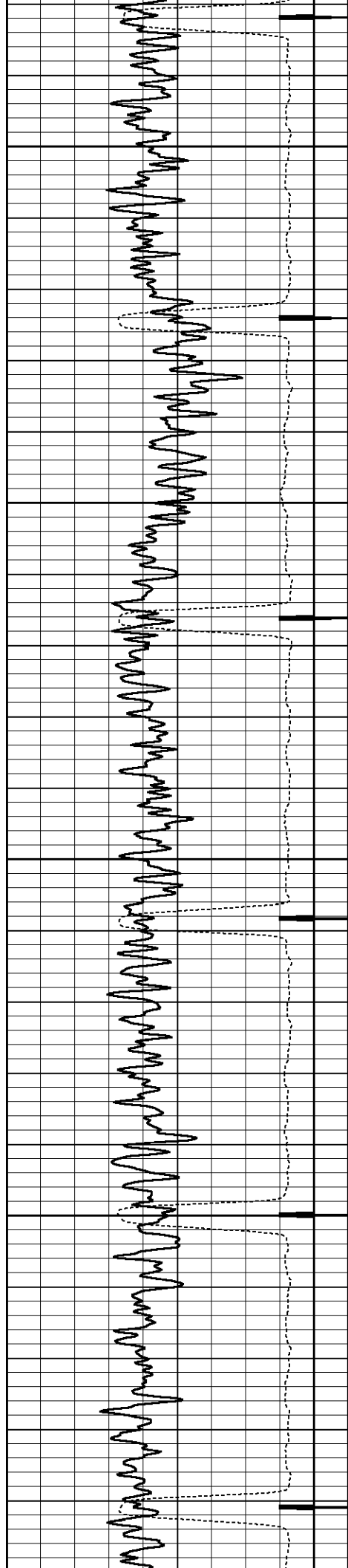
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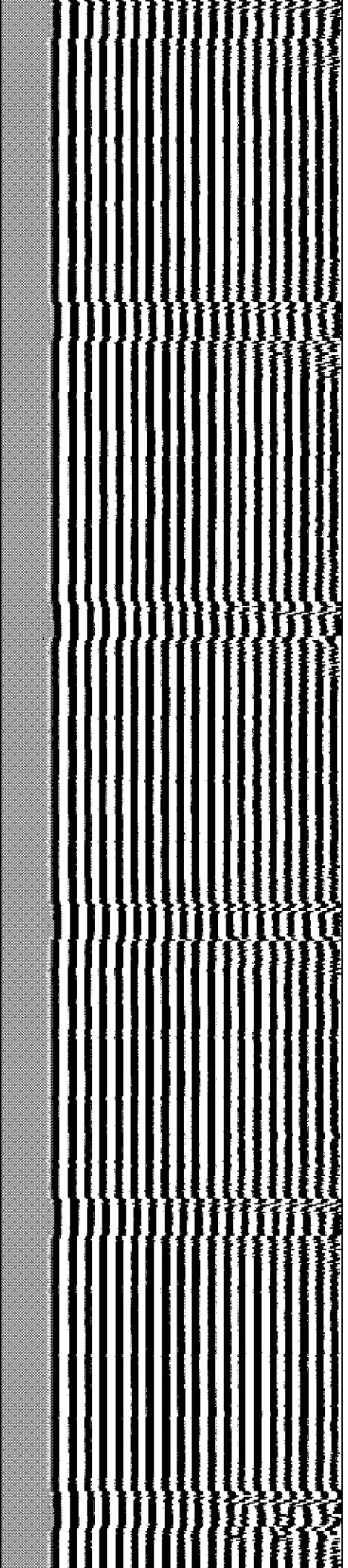
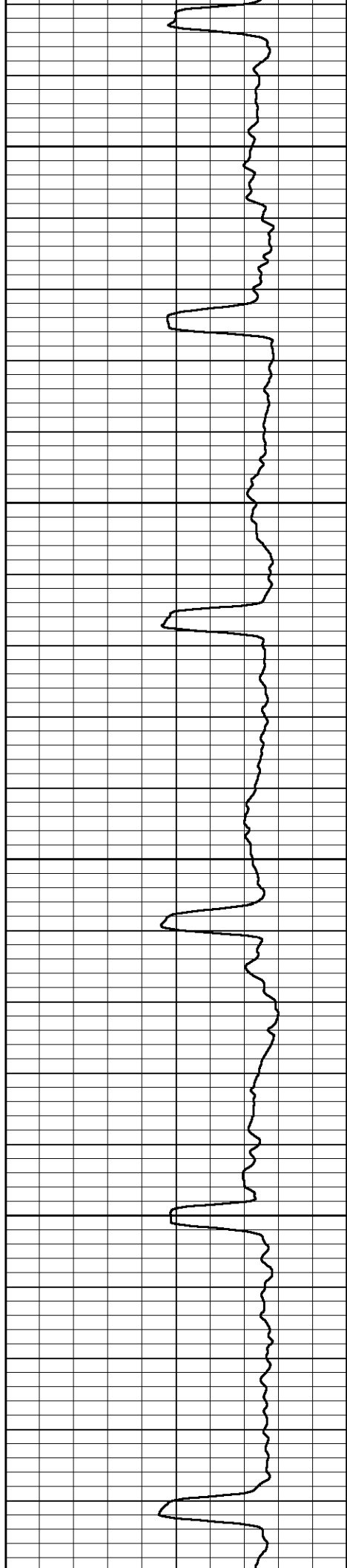
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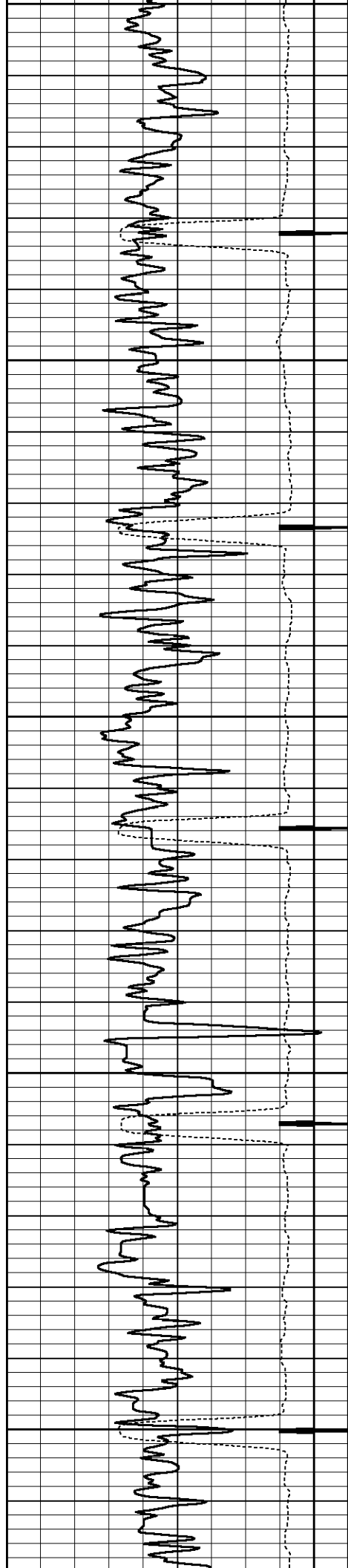
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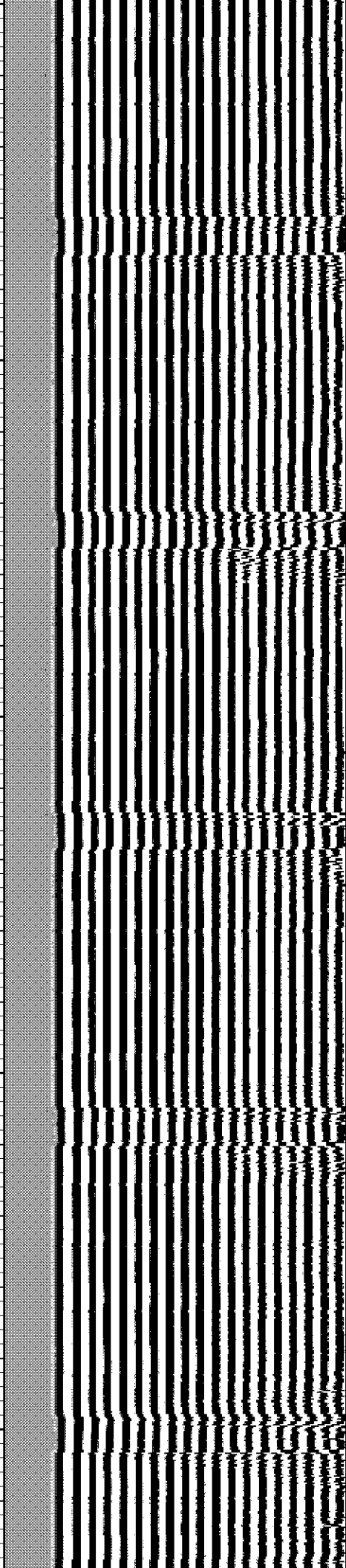
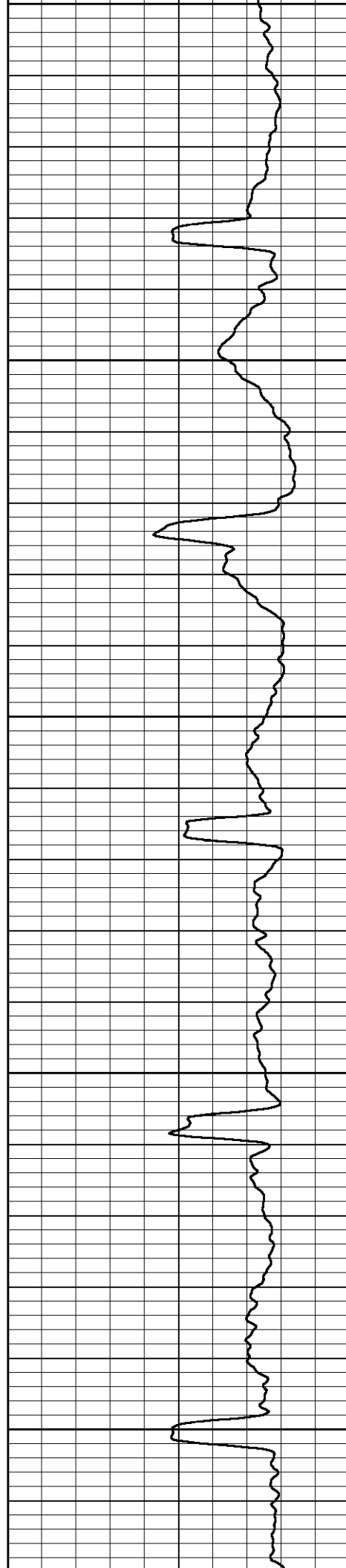
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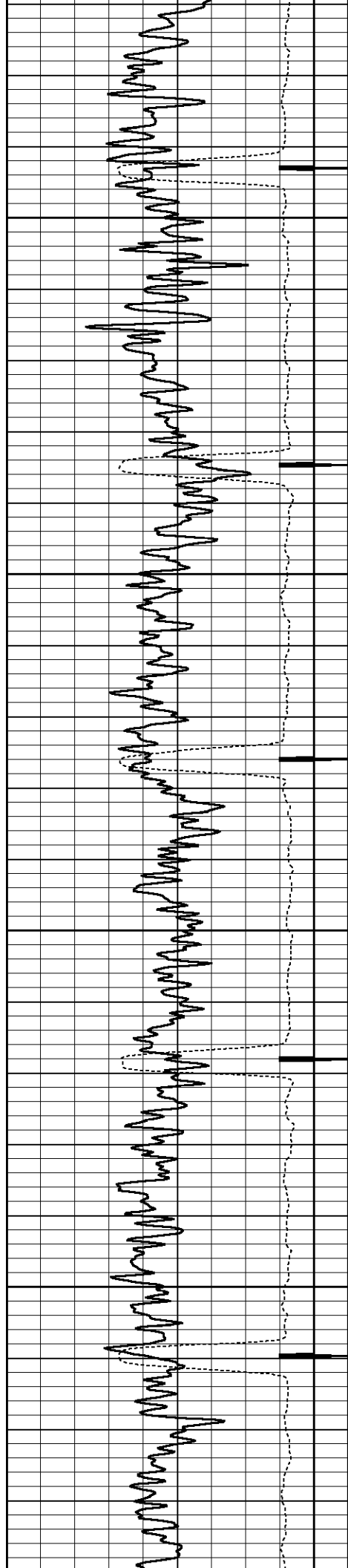
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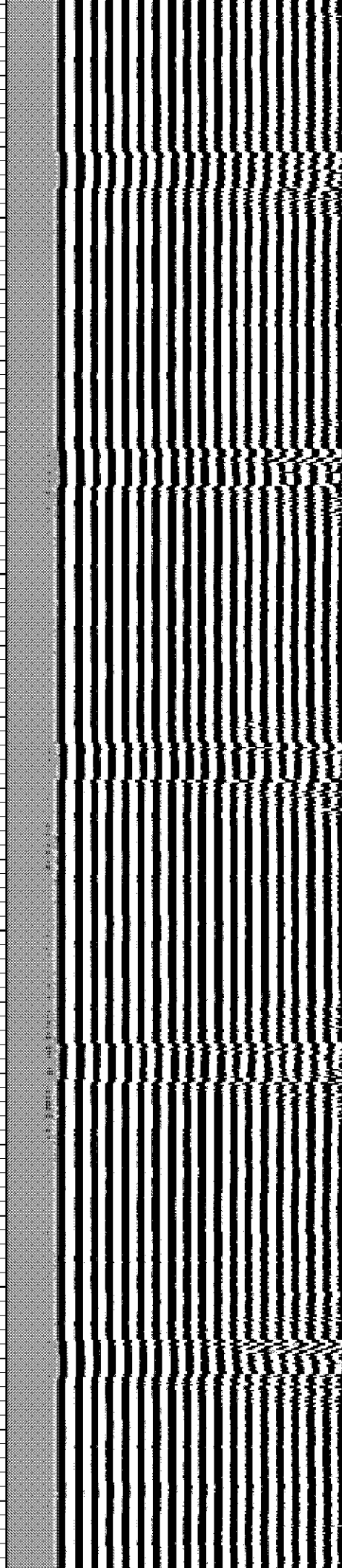
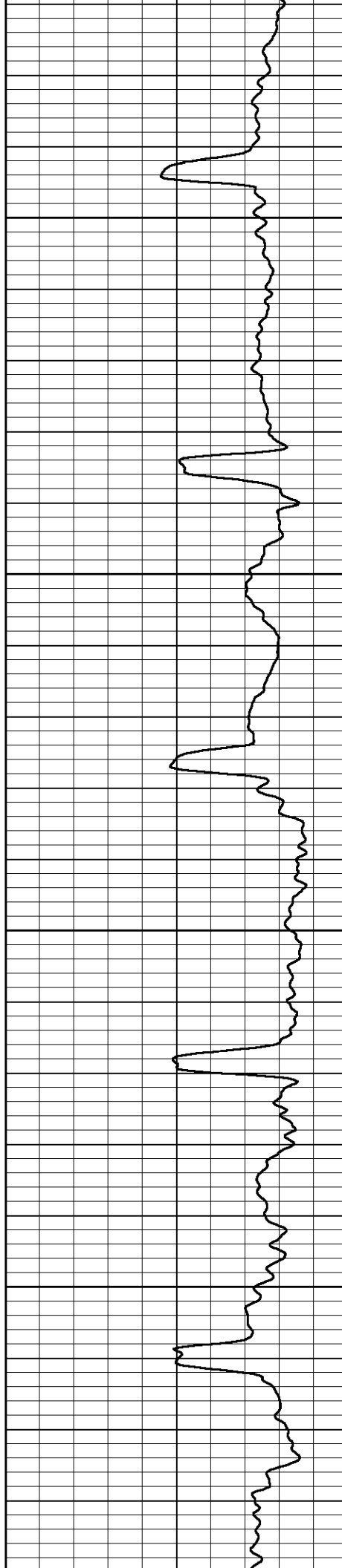


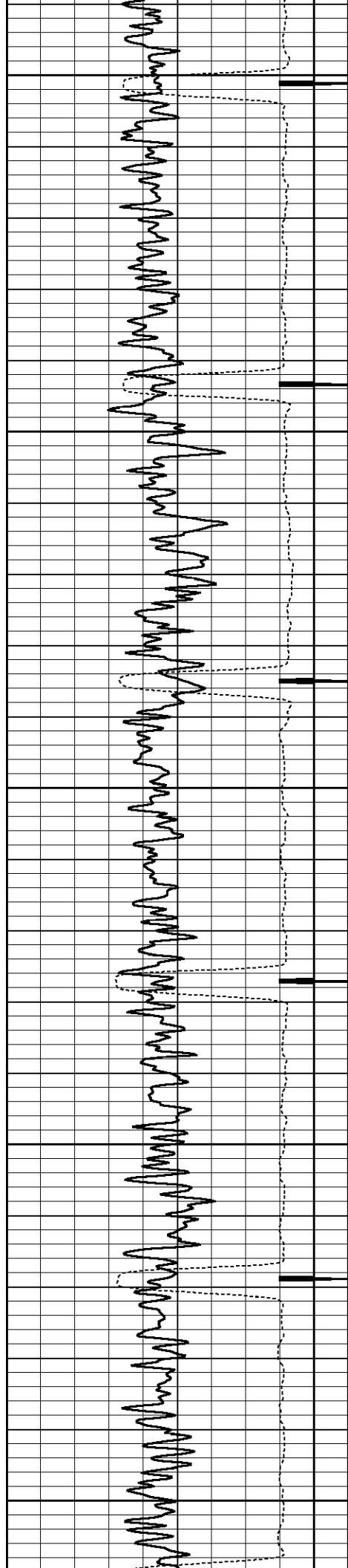
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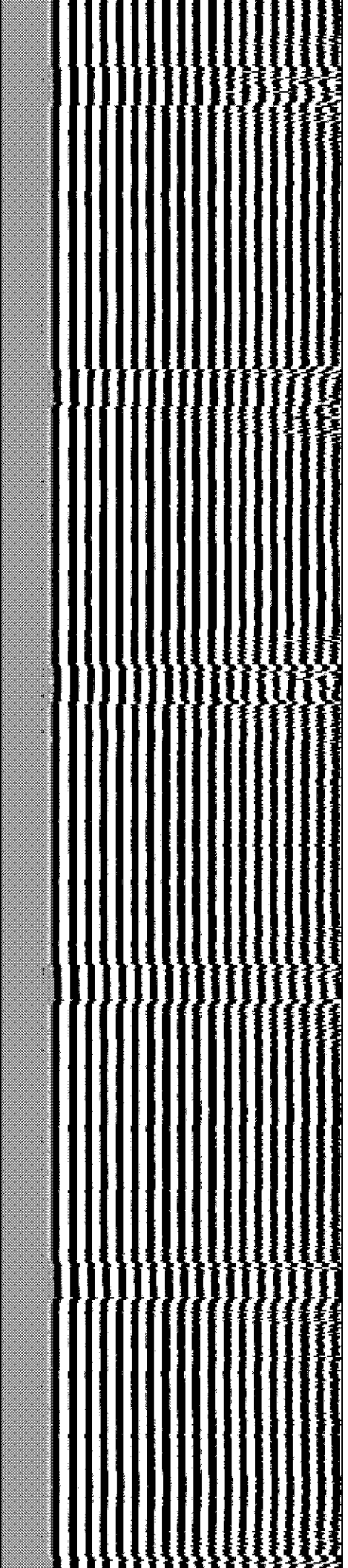
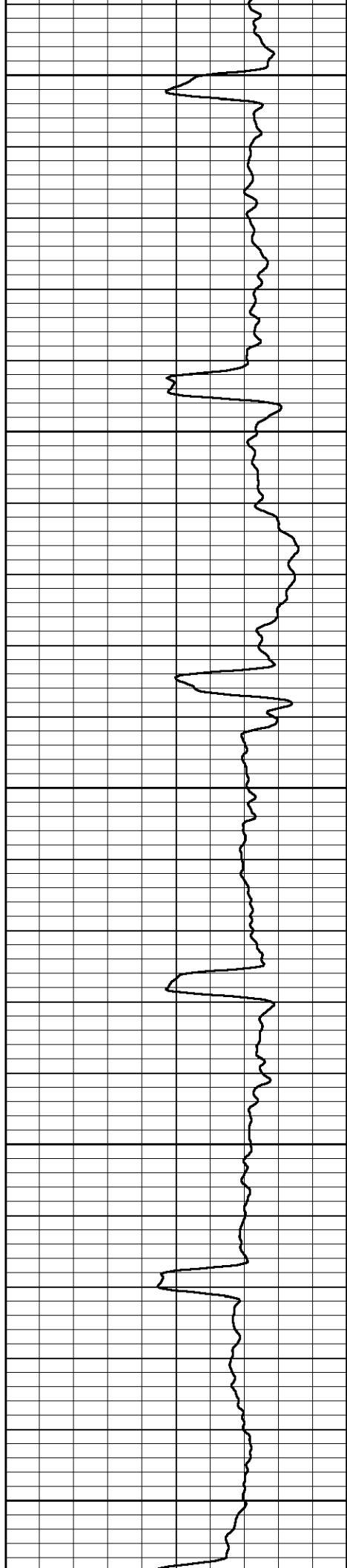
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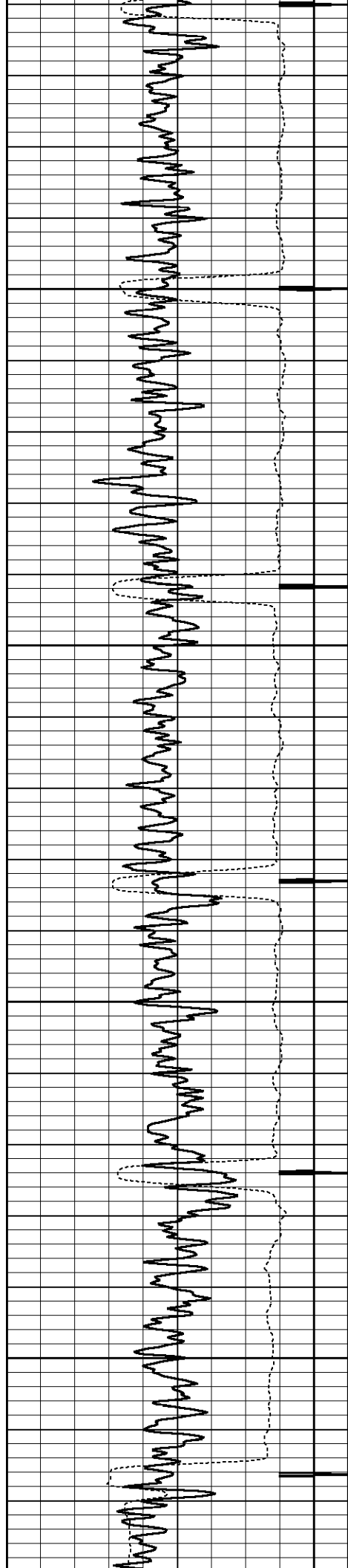
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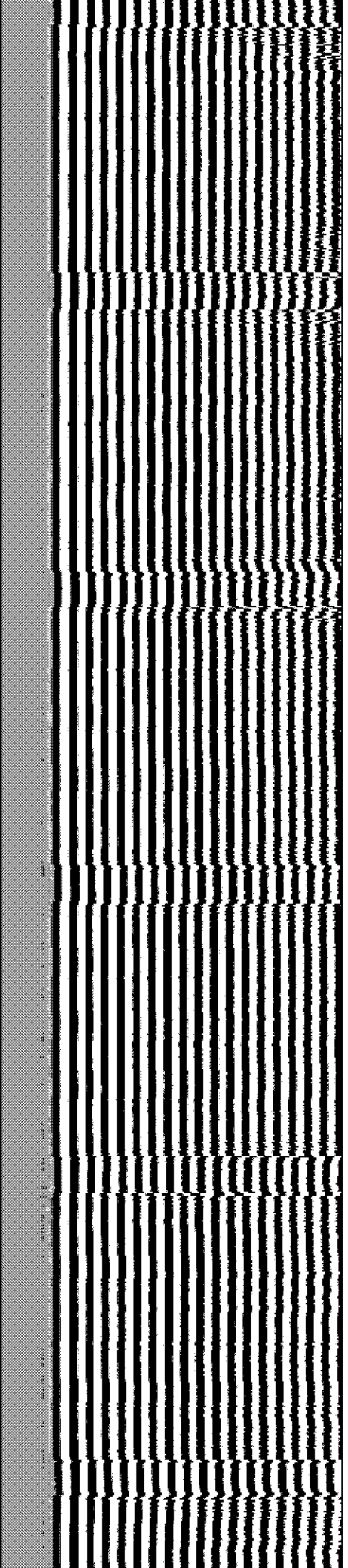
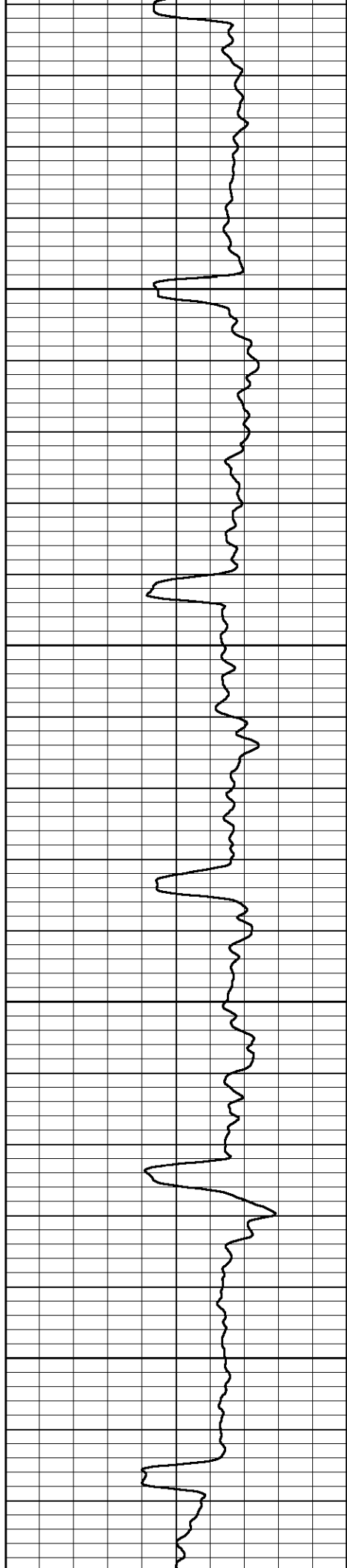


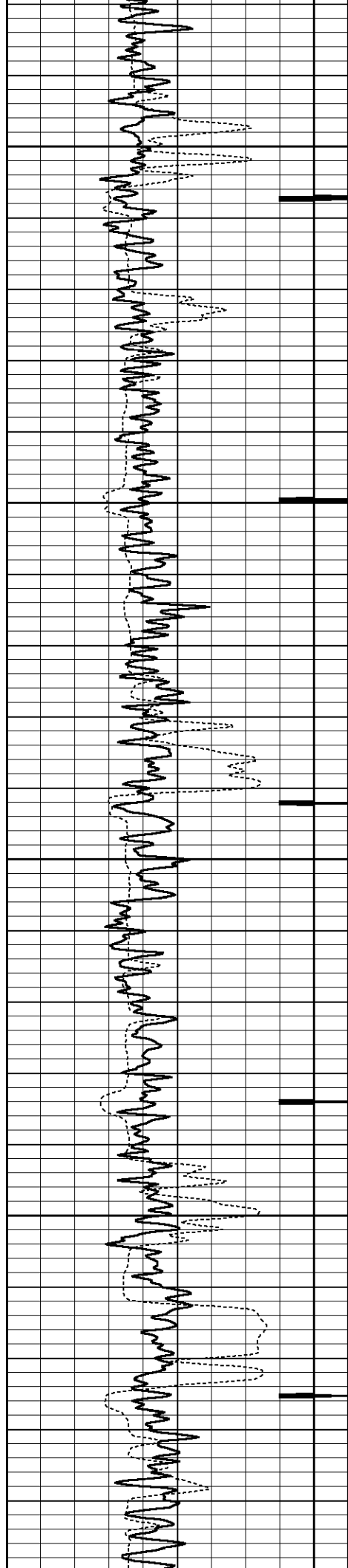
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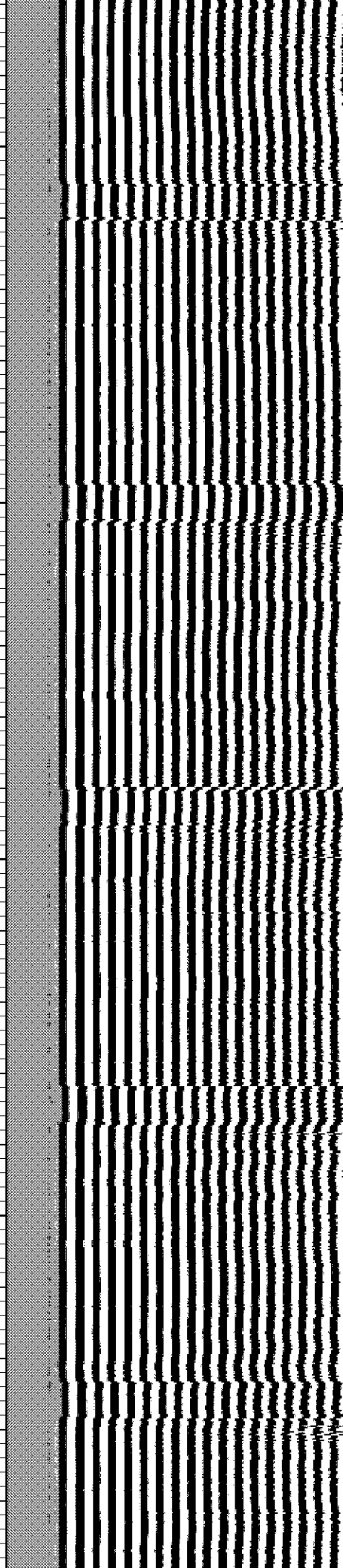
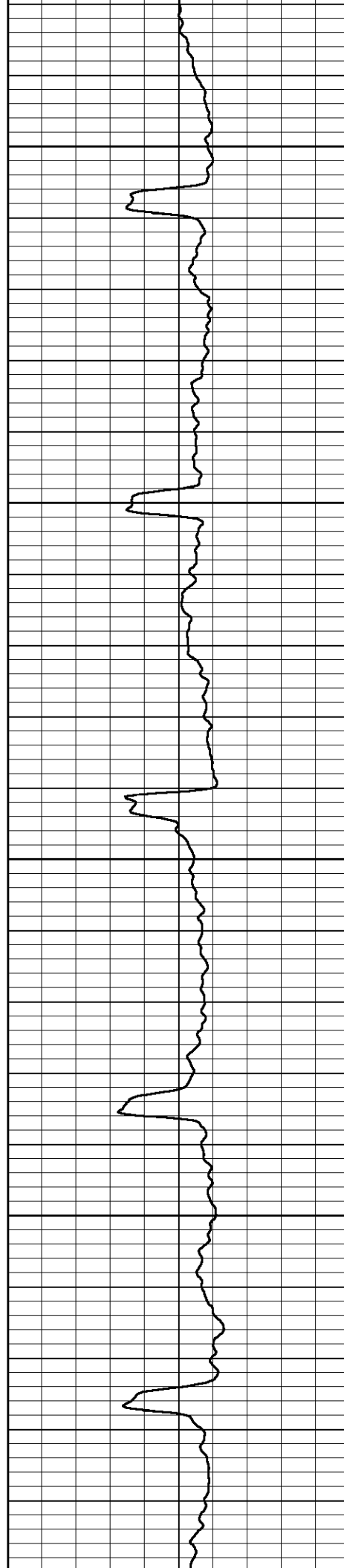
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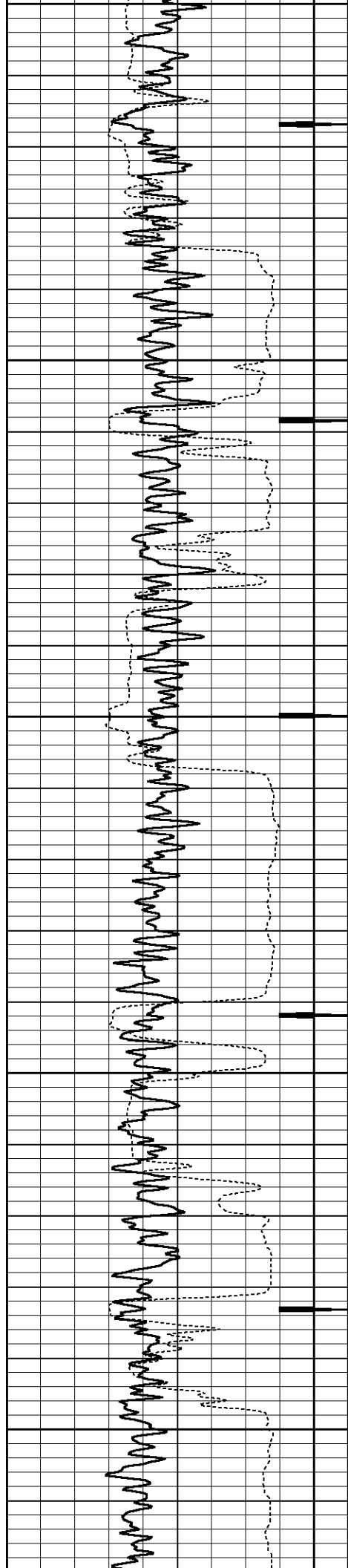
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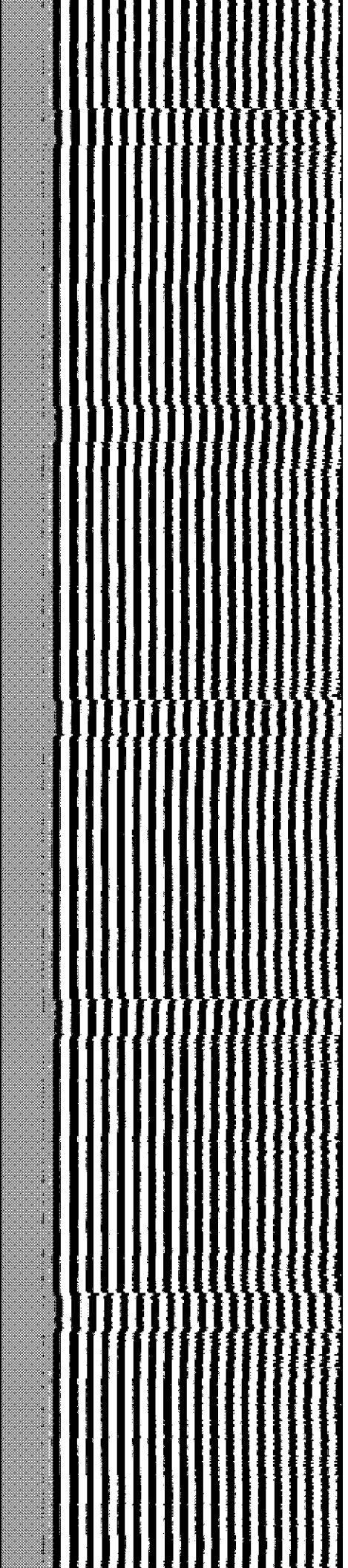
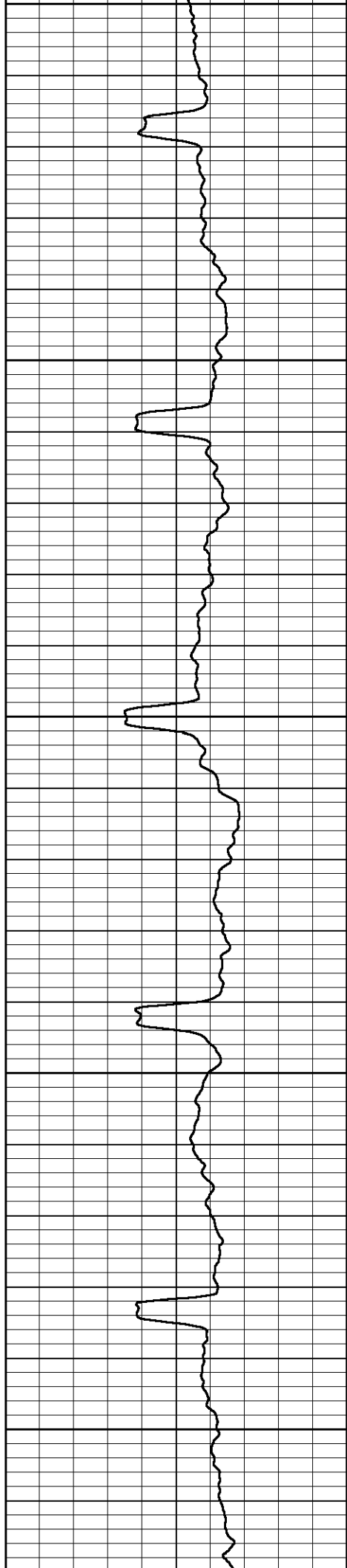
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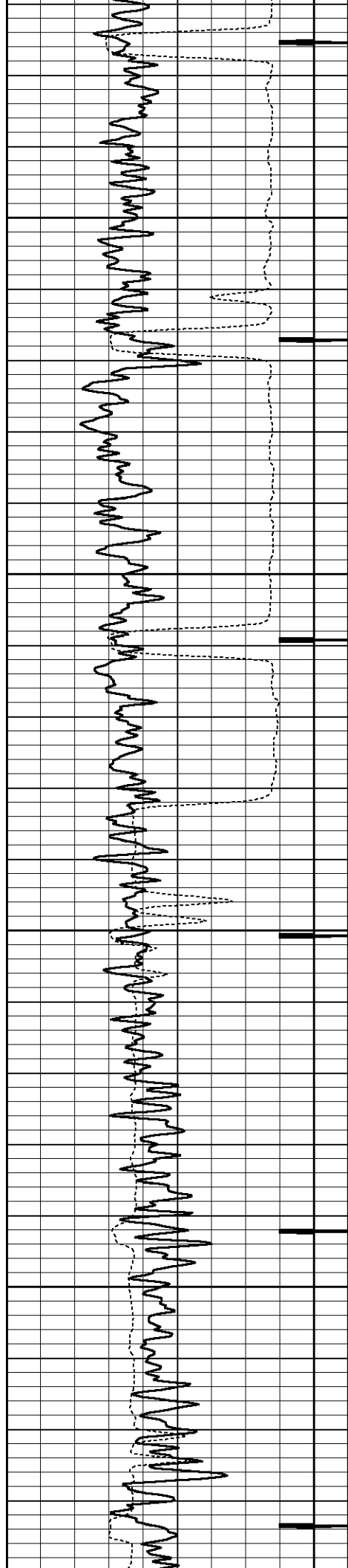
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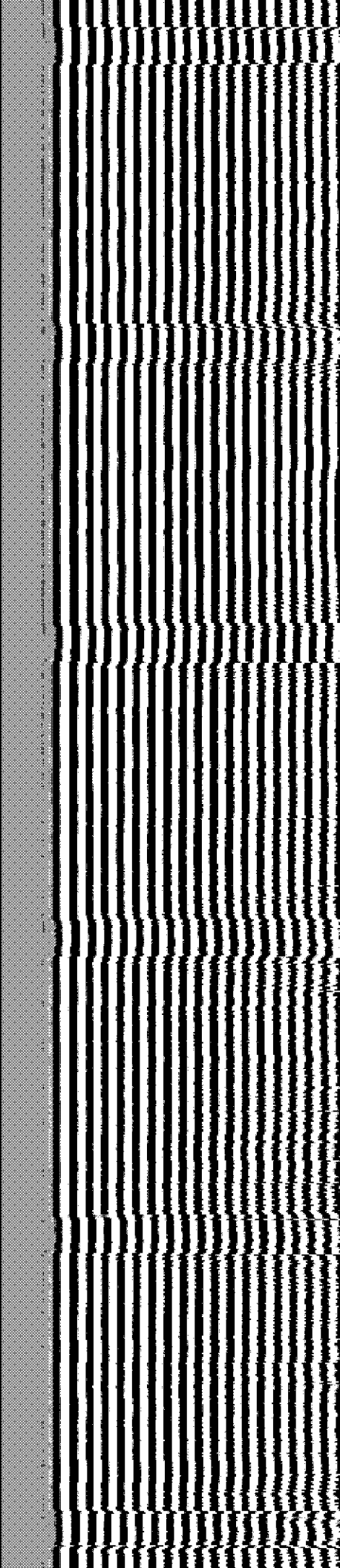
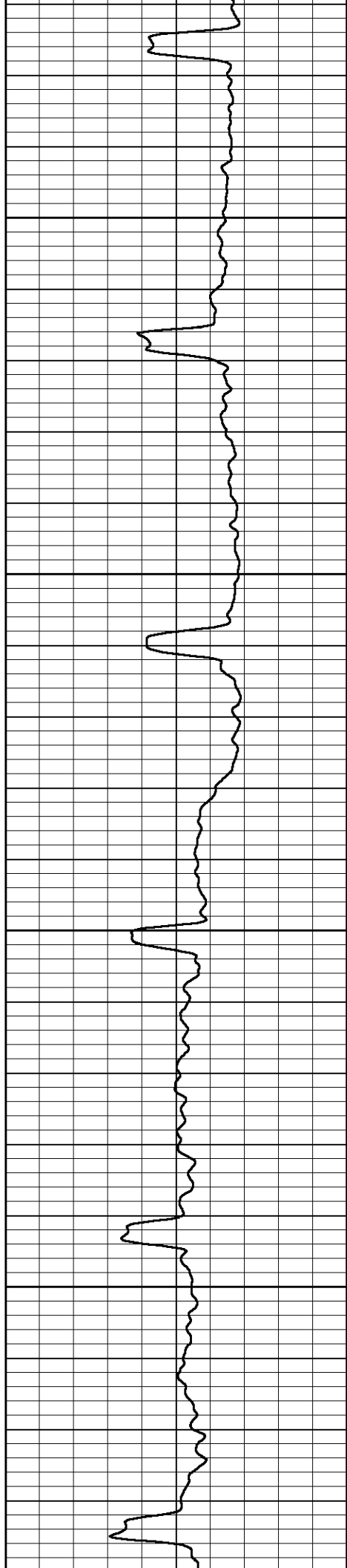


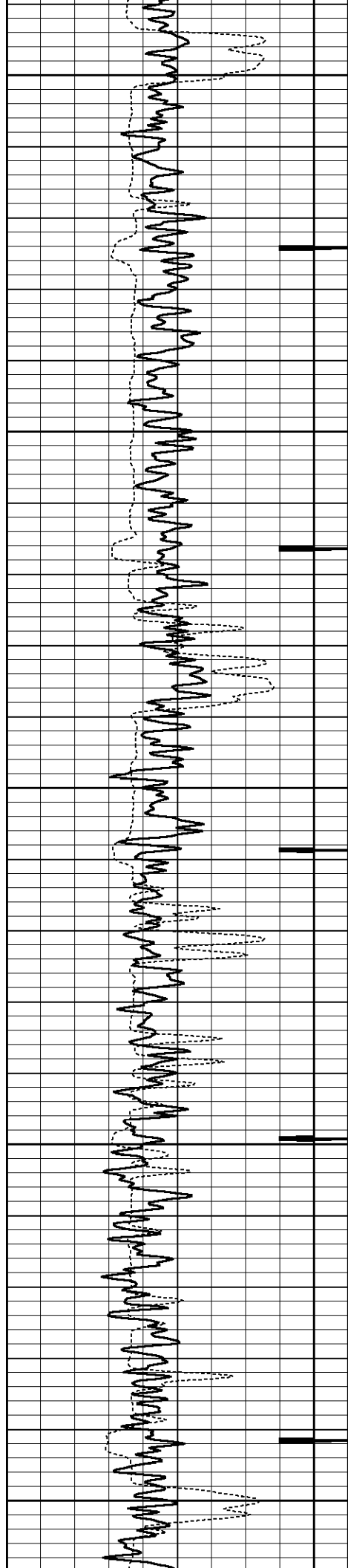
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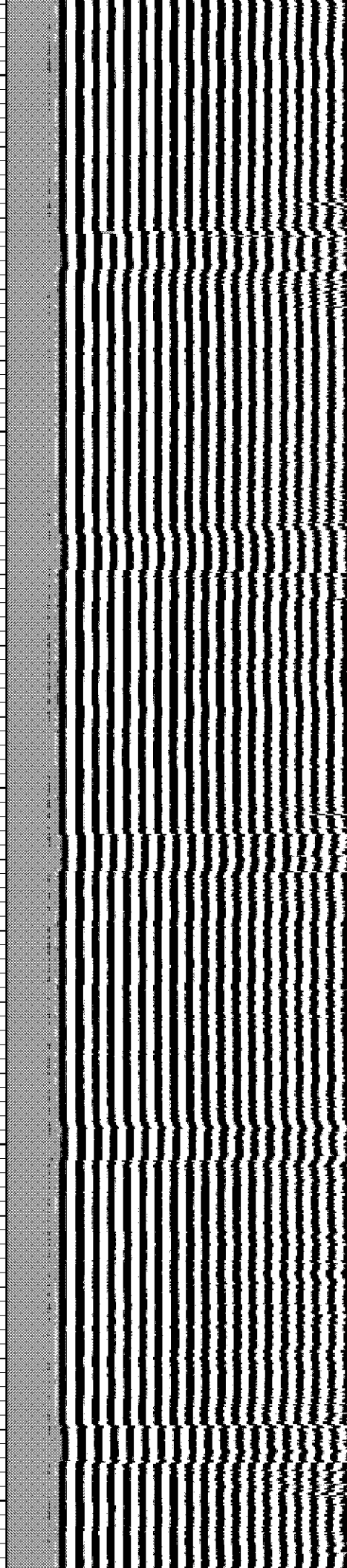
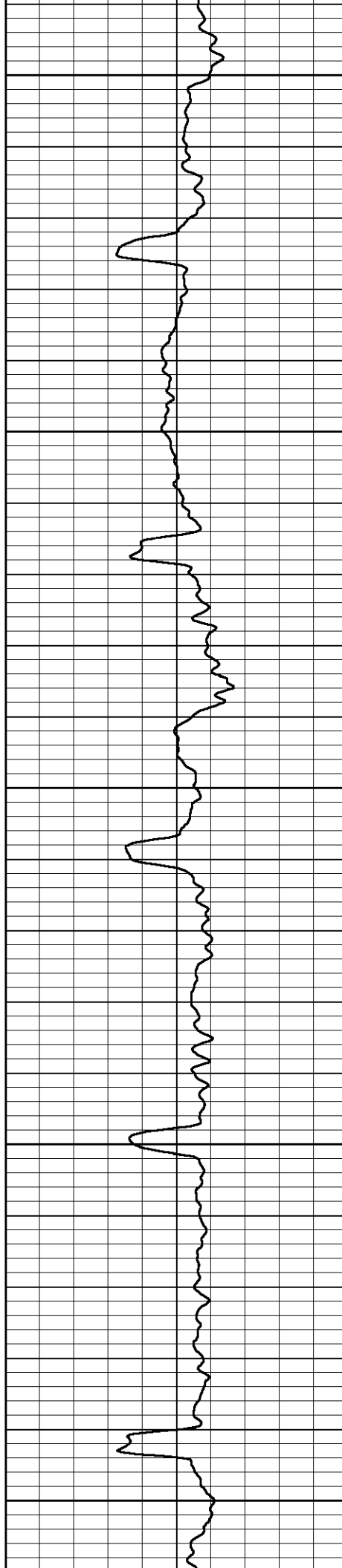
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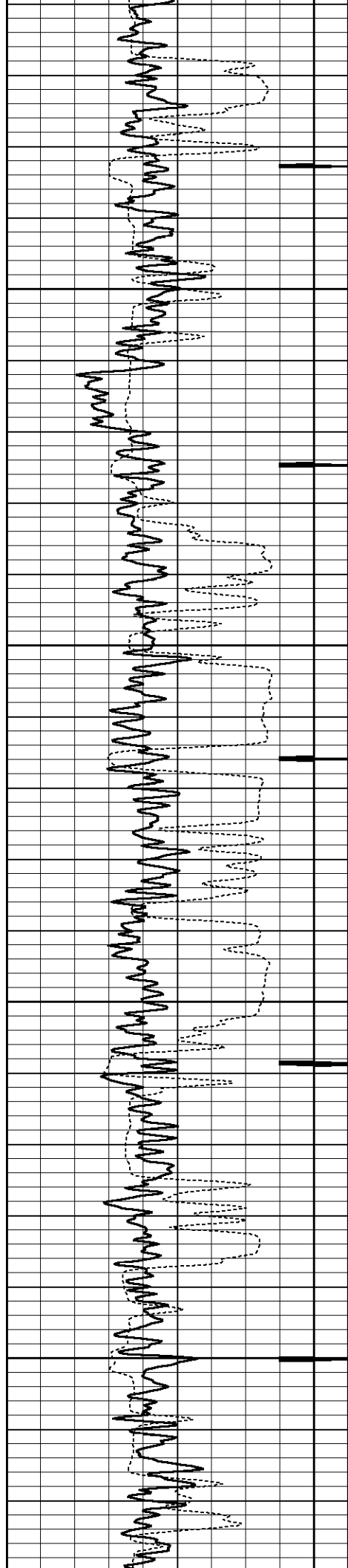
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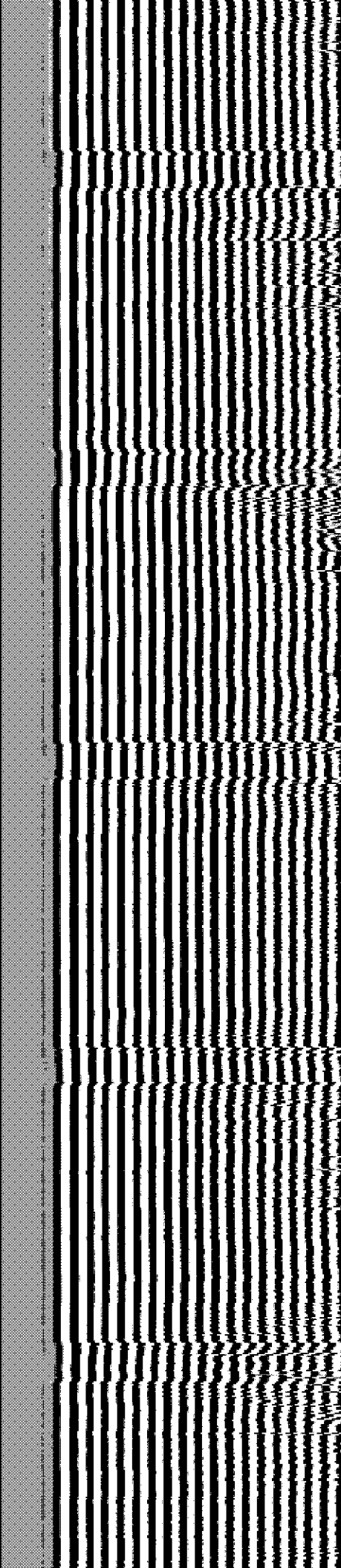
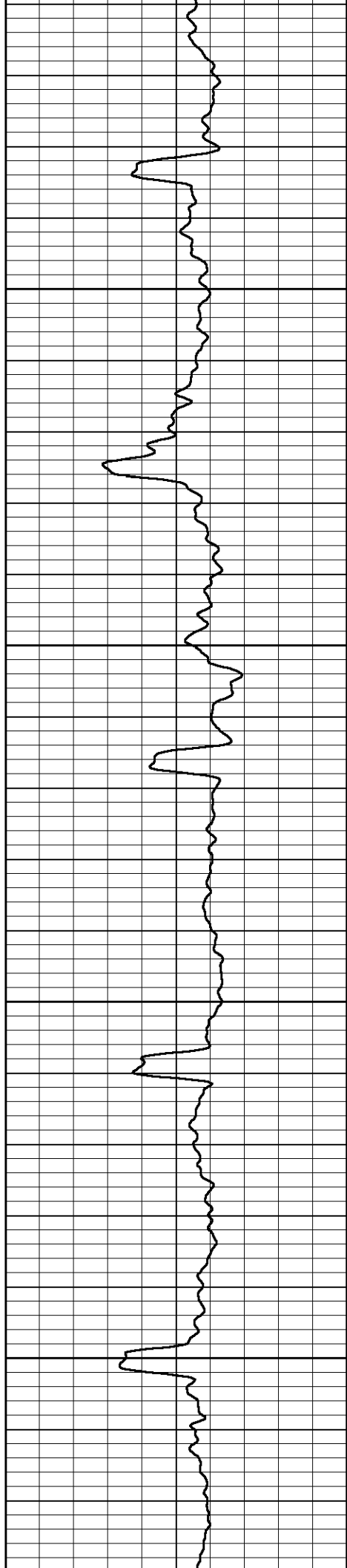


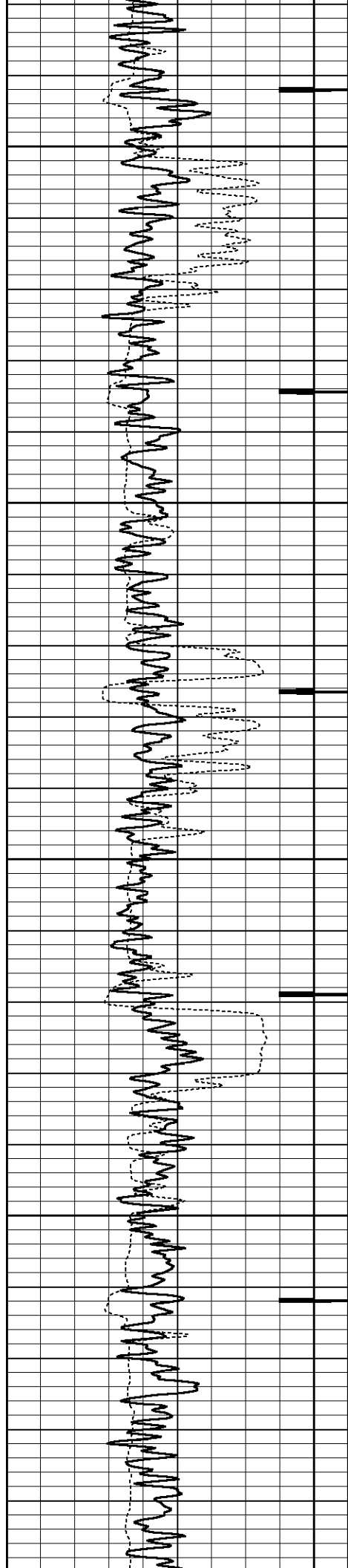
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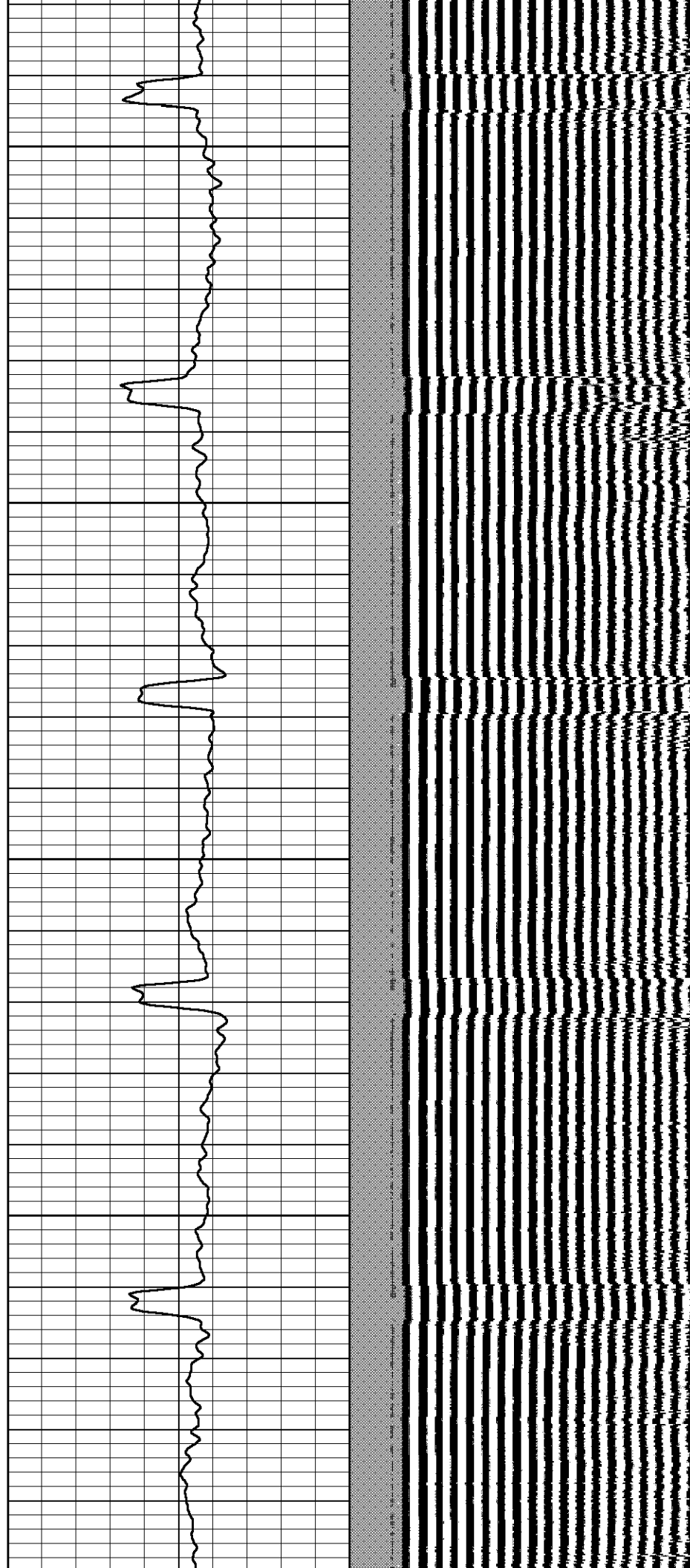
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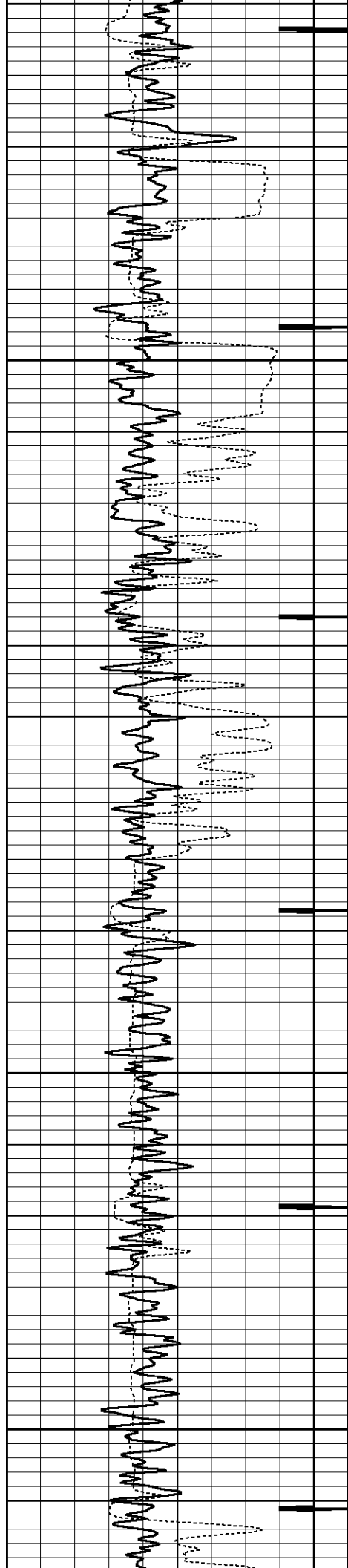
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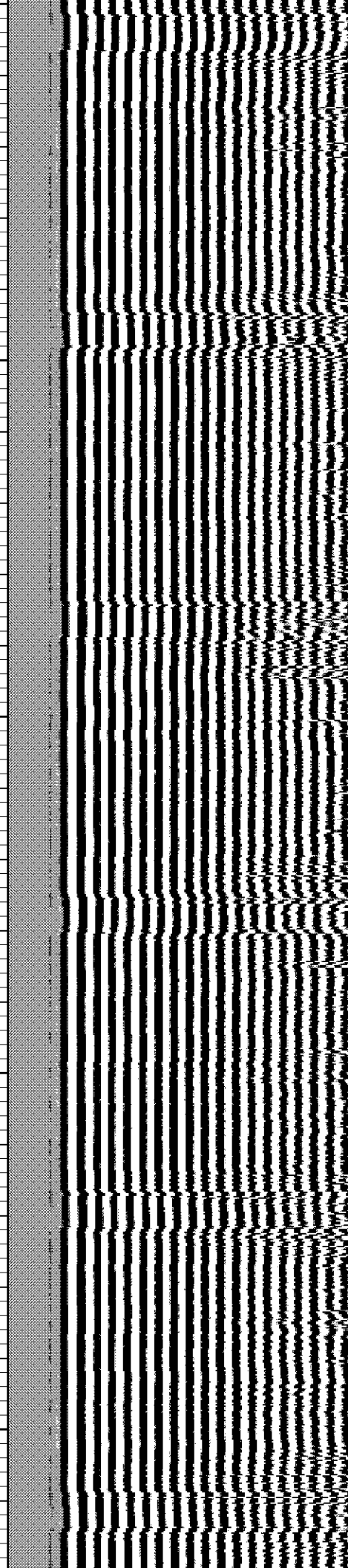
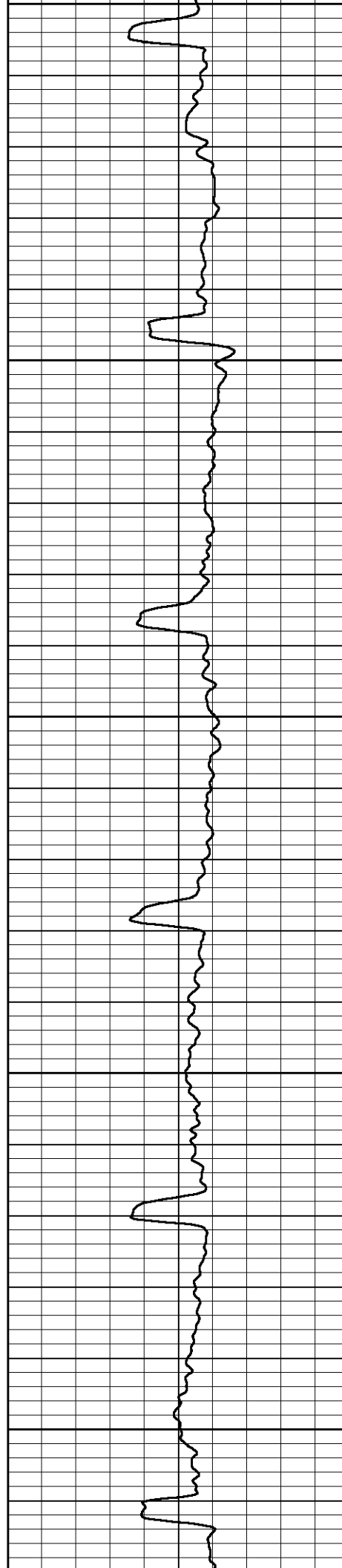
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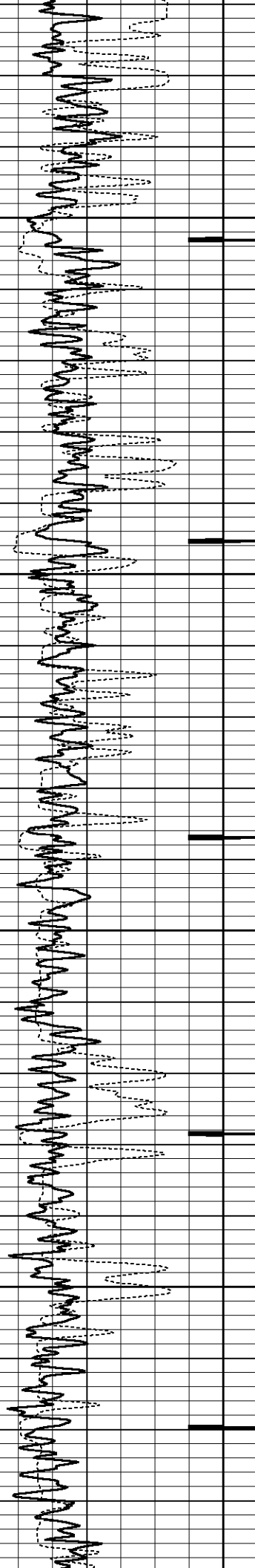
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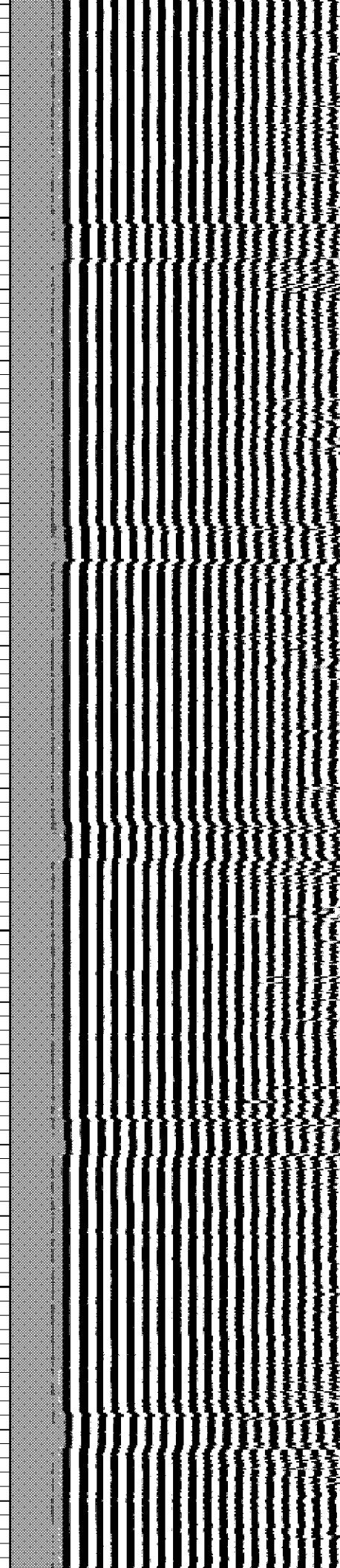
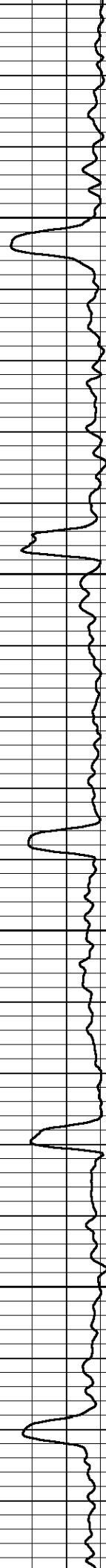


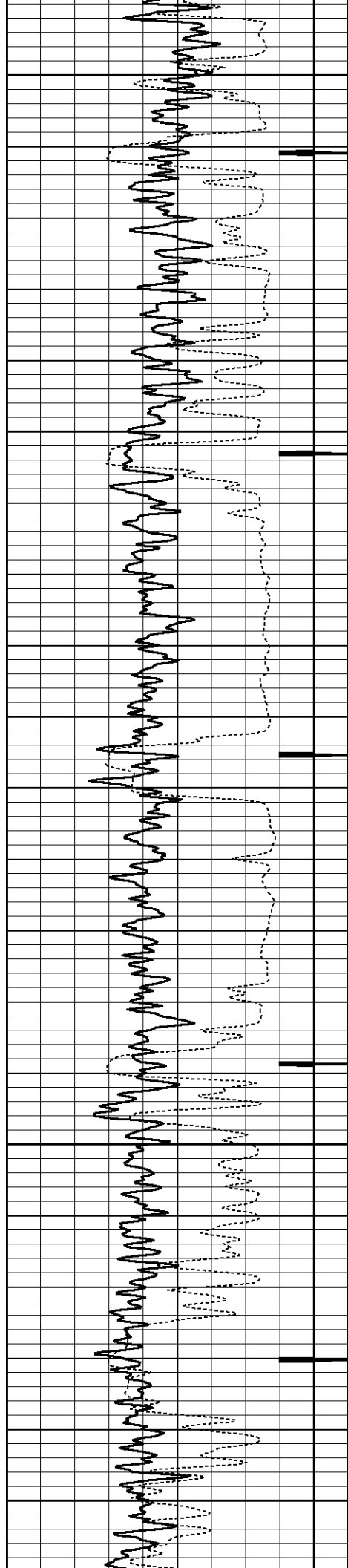
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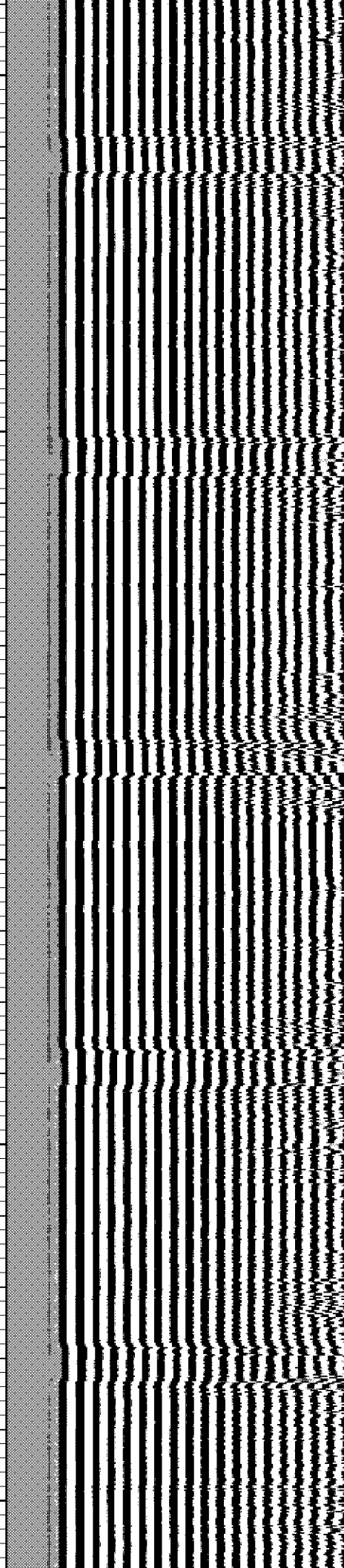
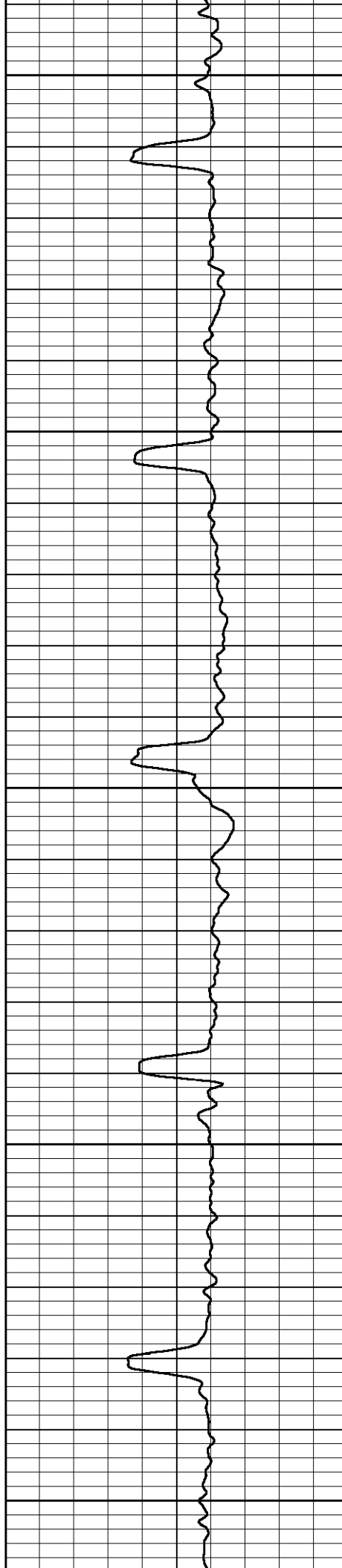
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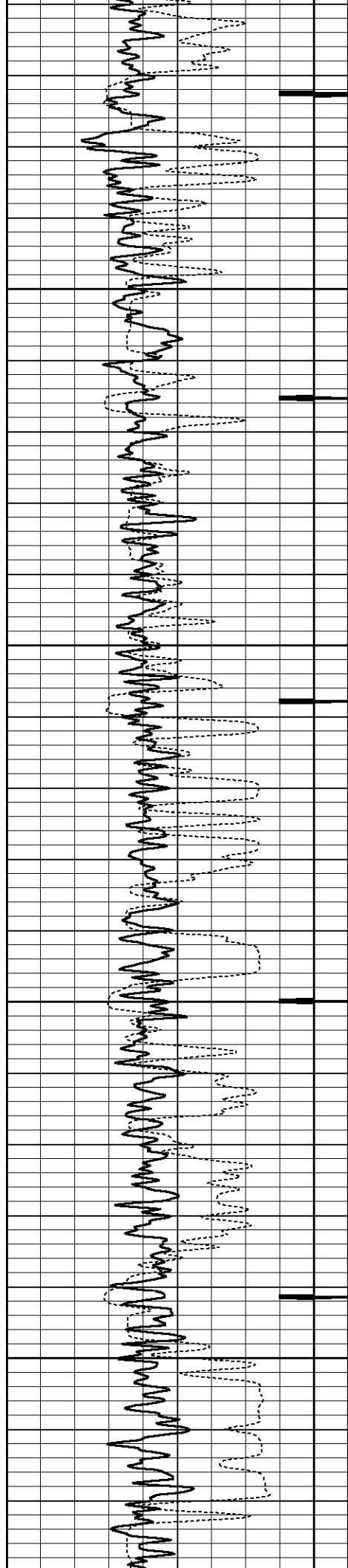
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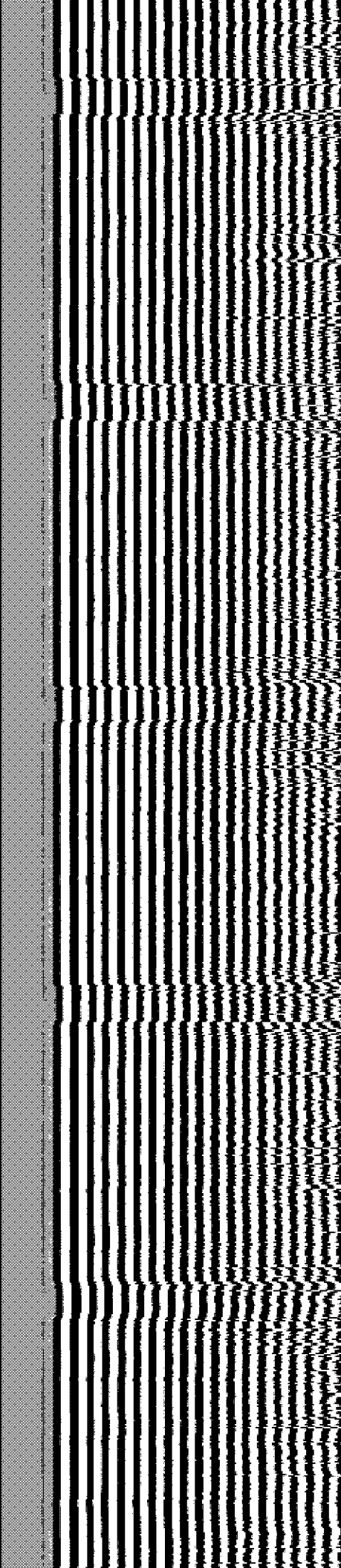
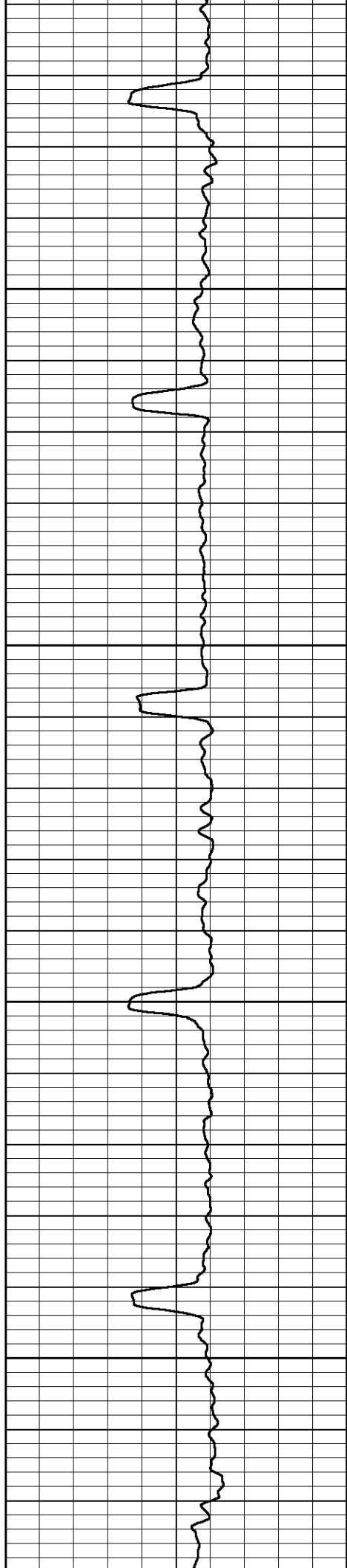


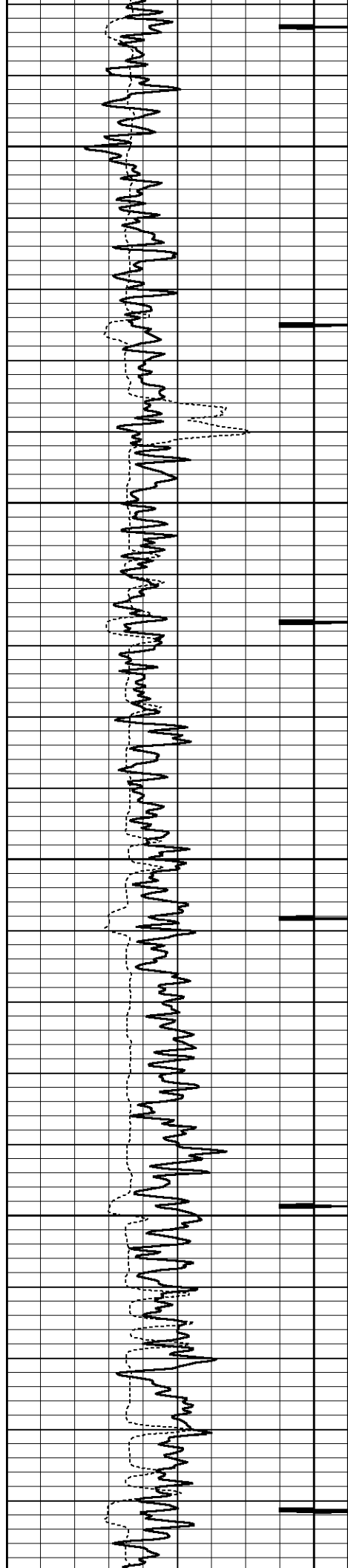
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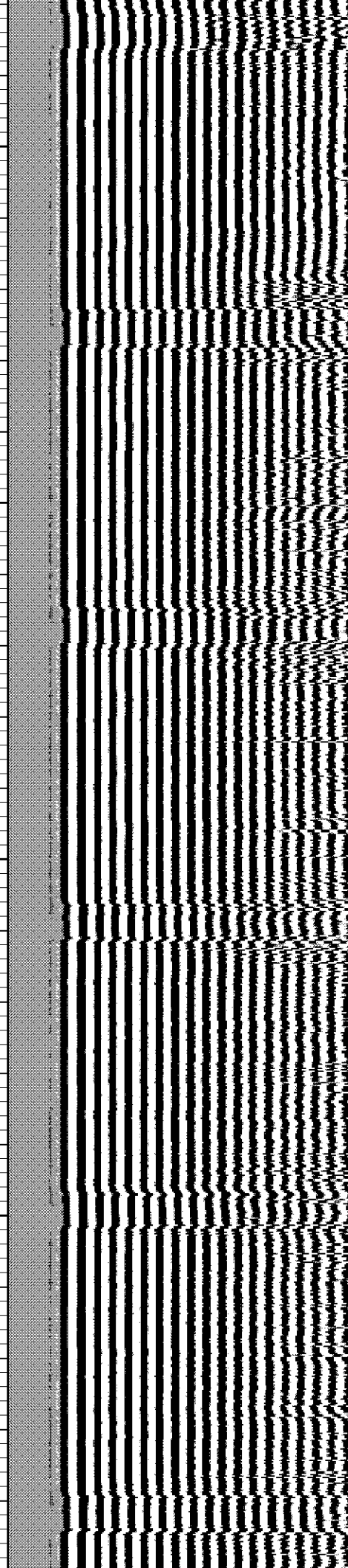
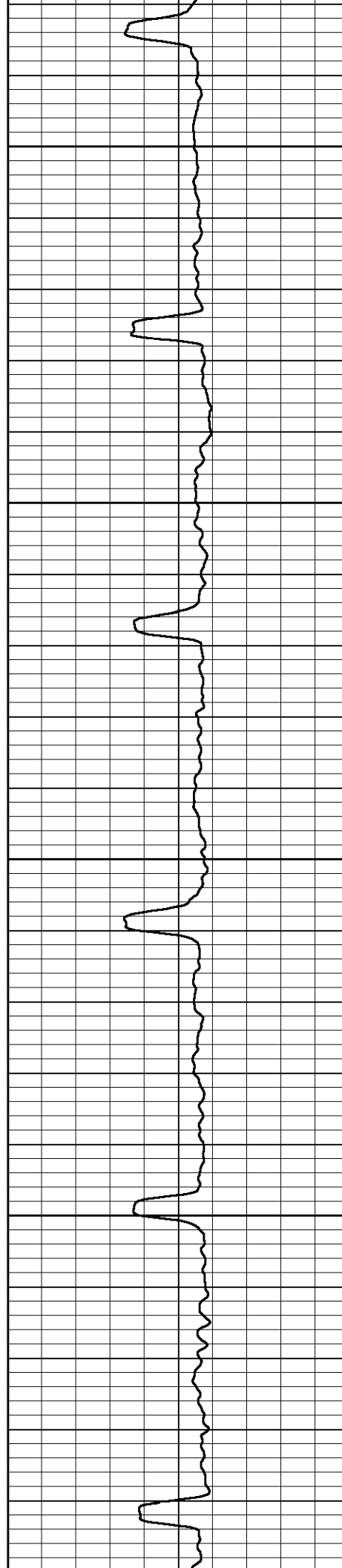
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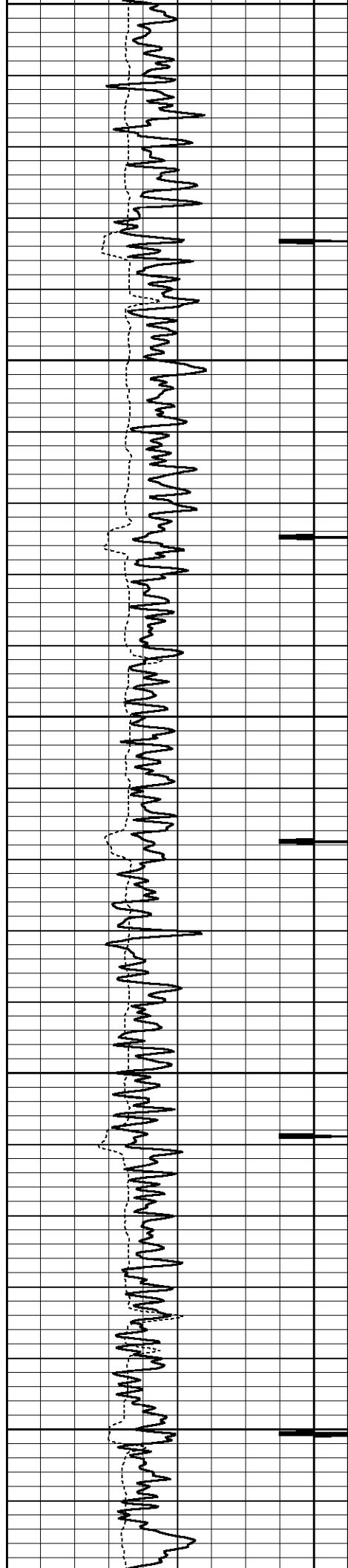
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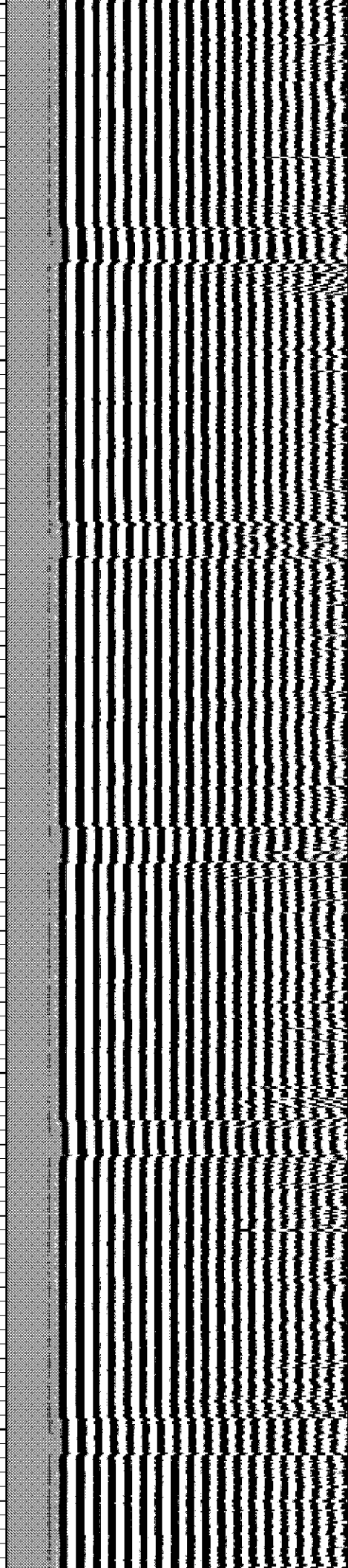
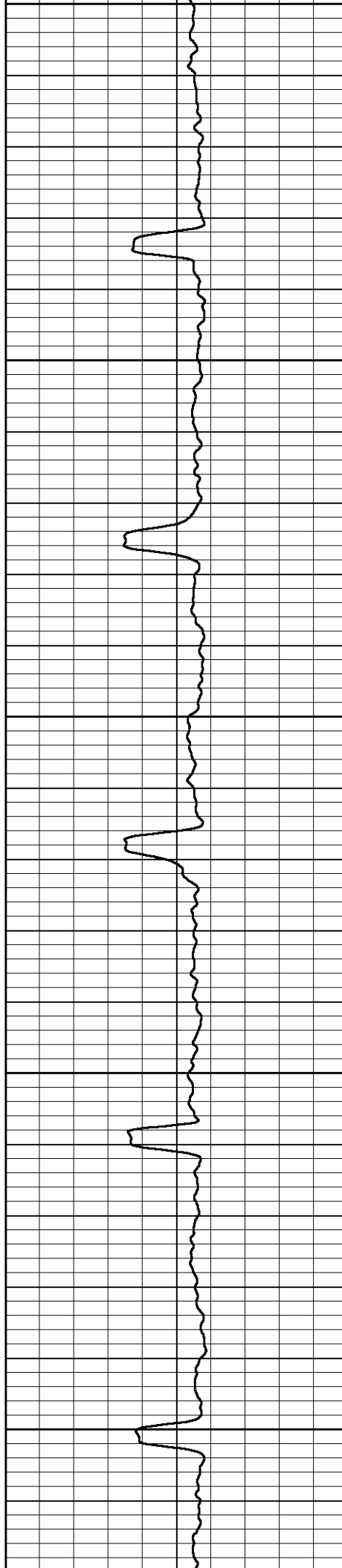
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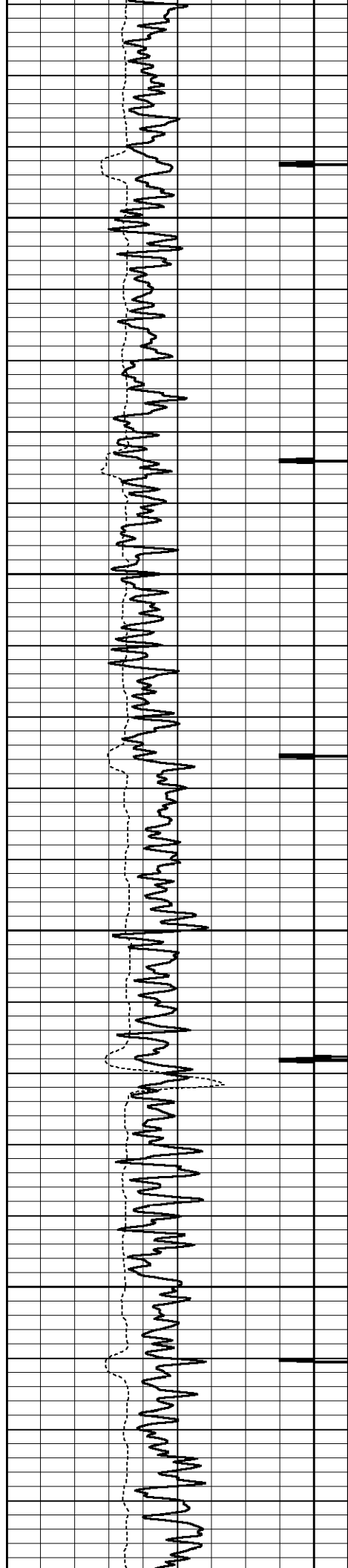
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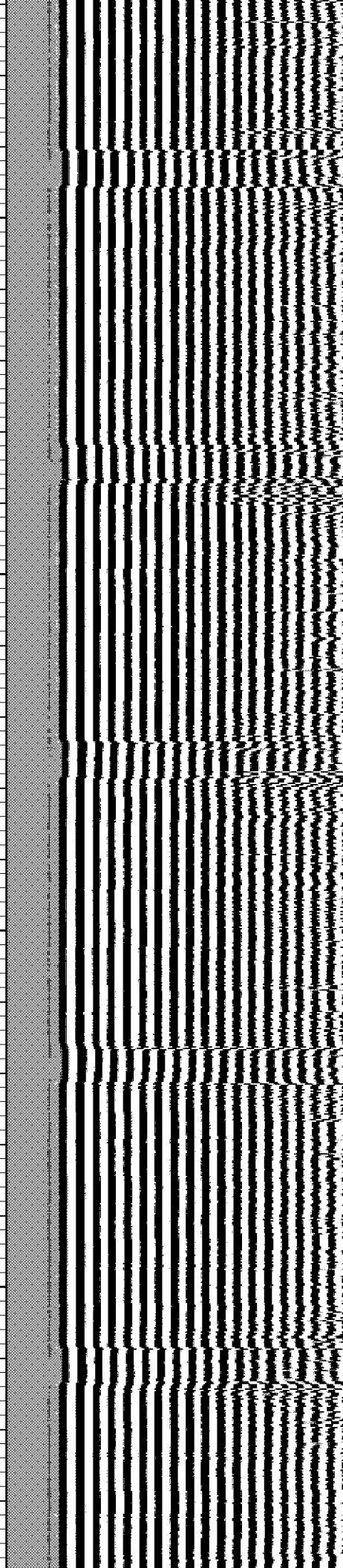
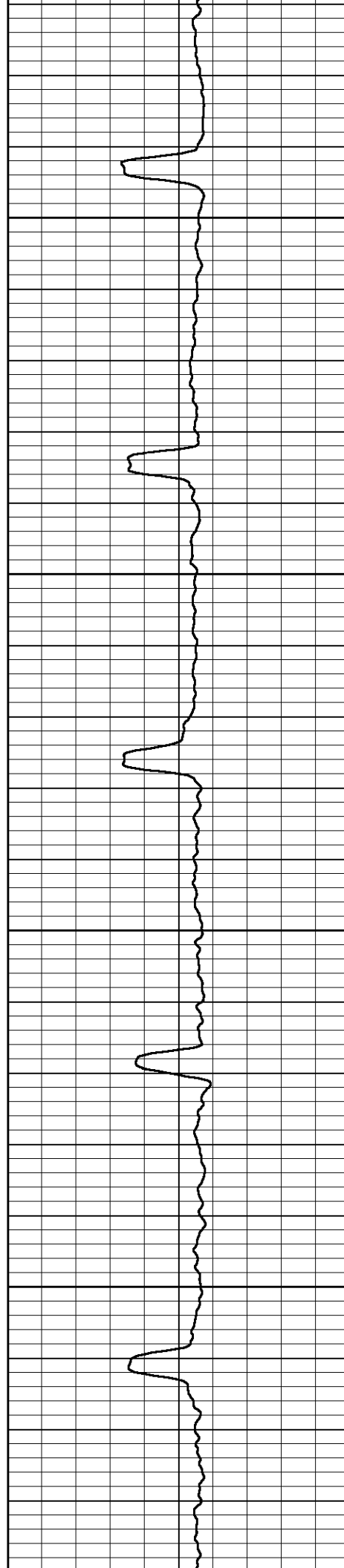


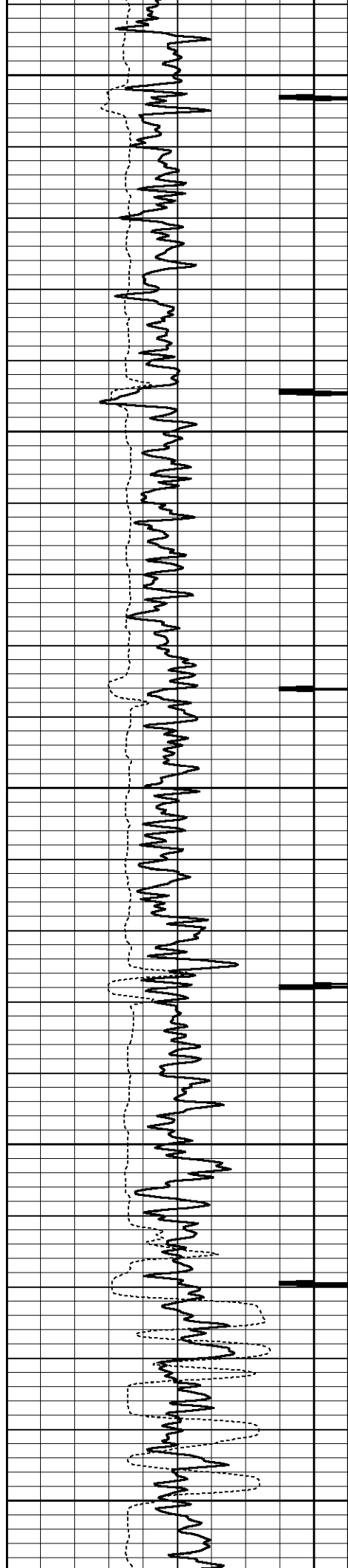
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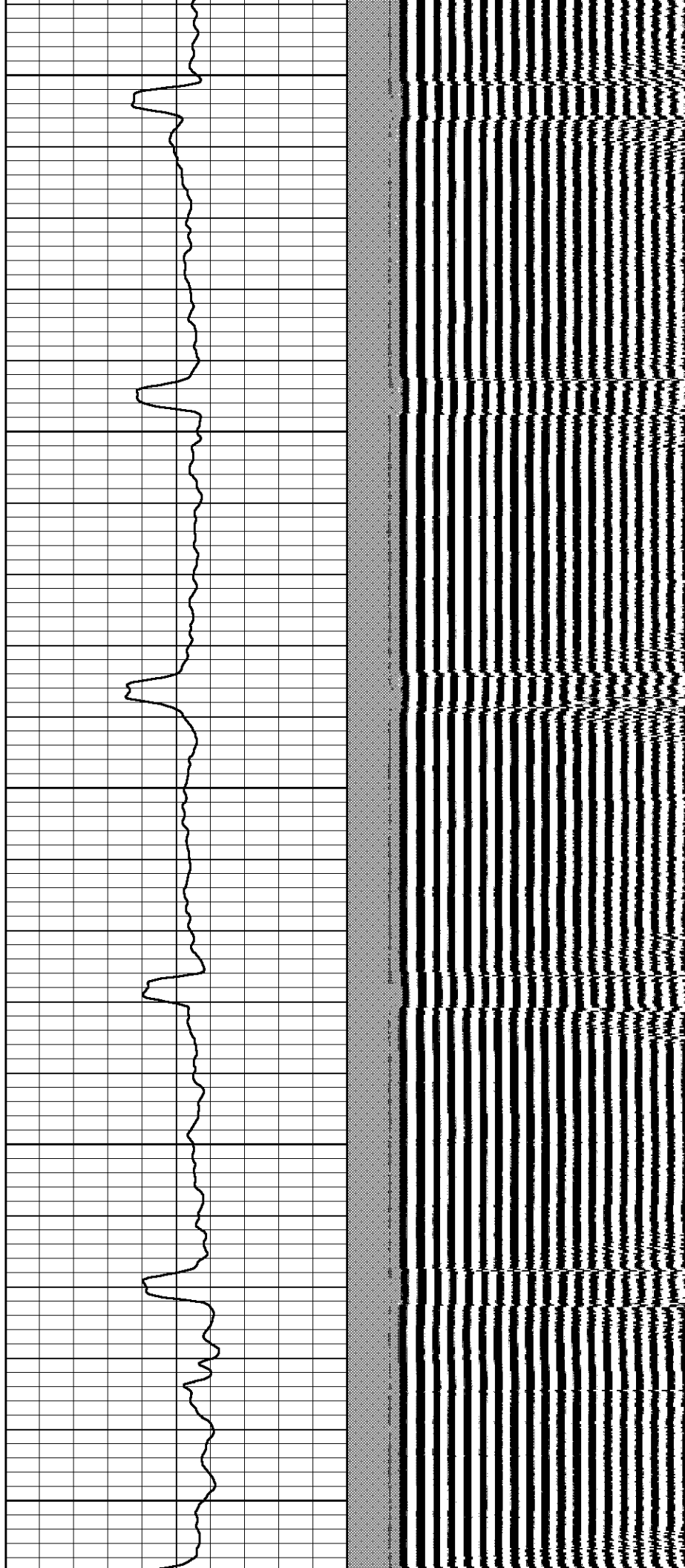
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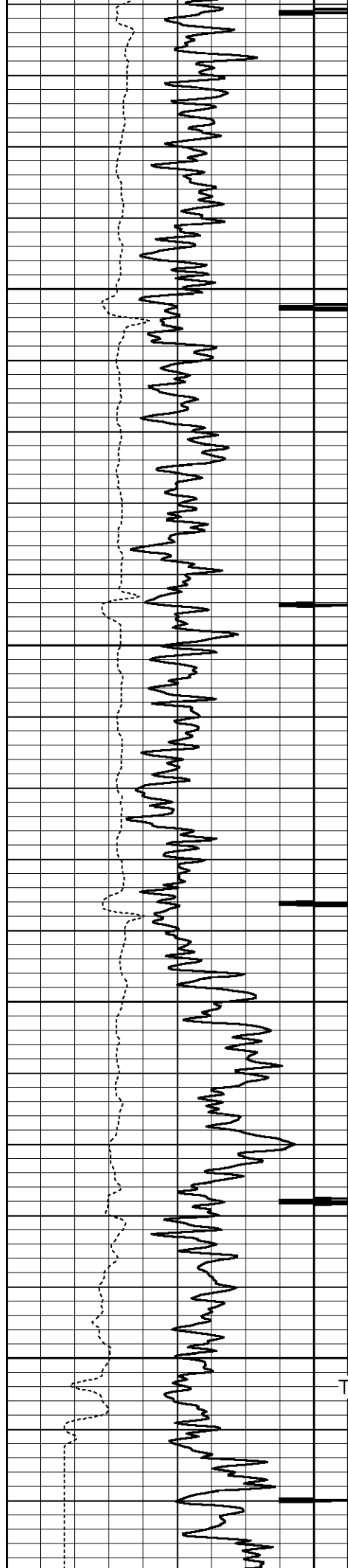
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7000





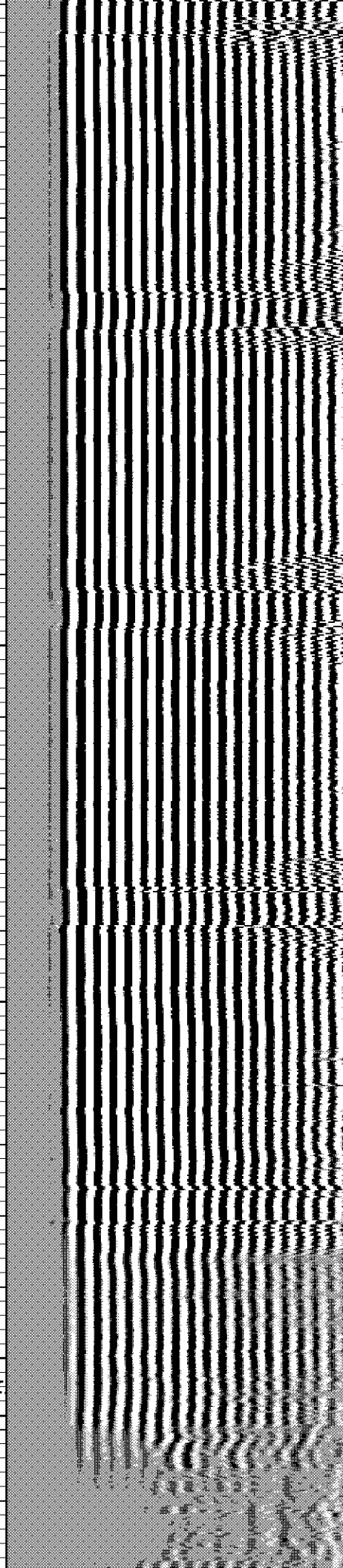
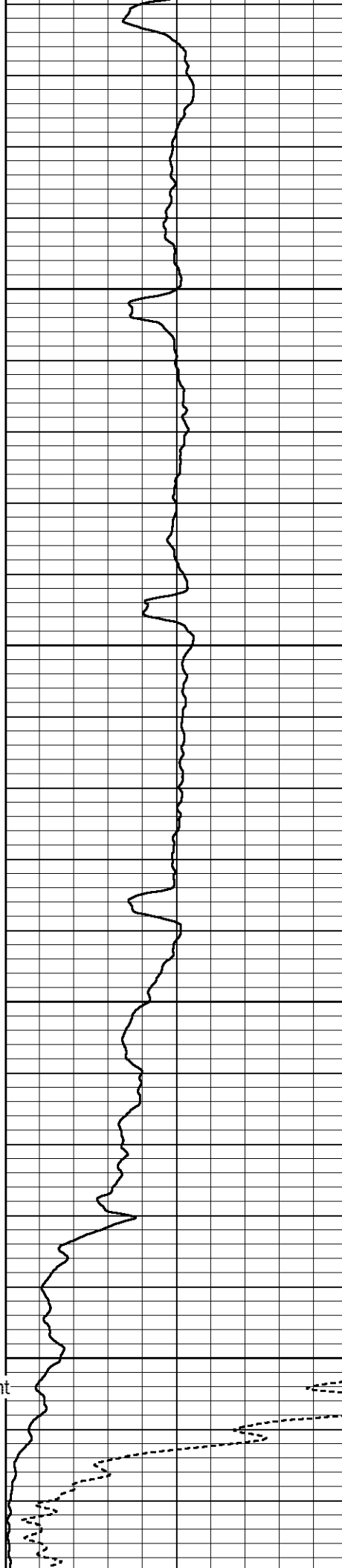
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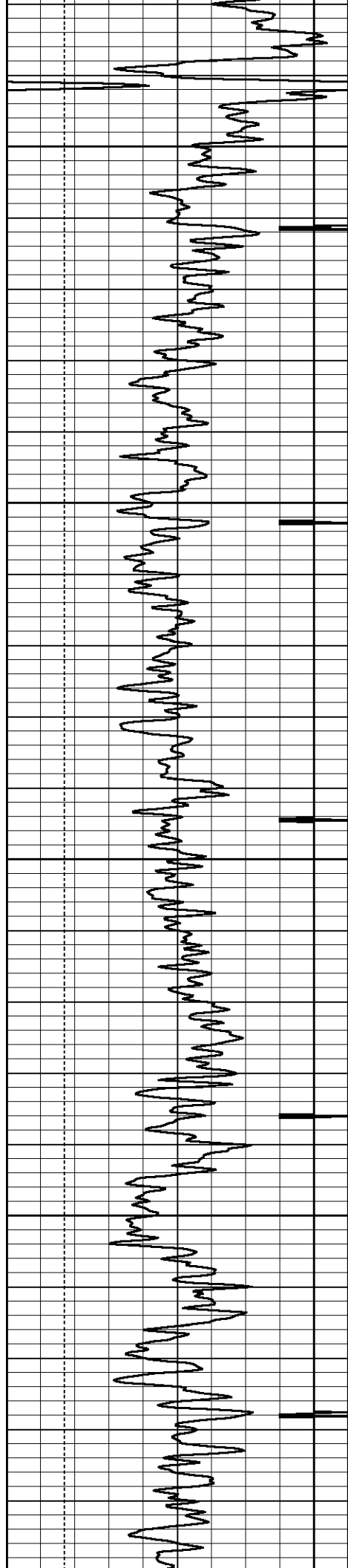
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7150

7200

Top of Cement





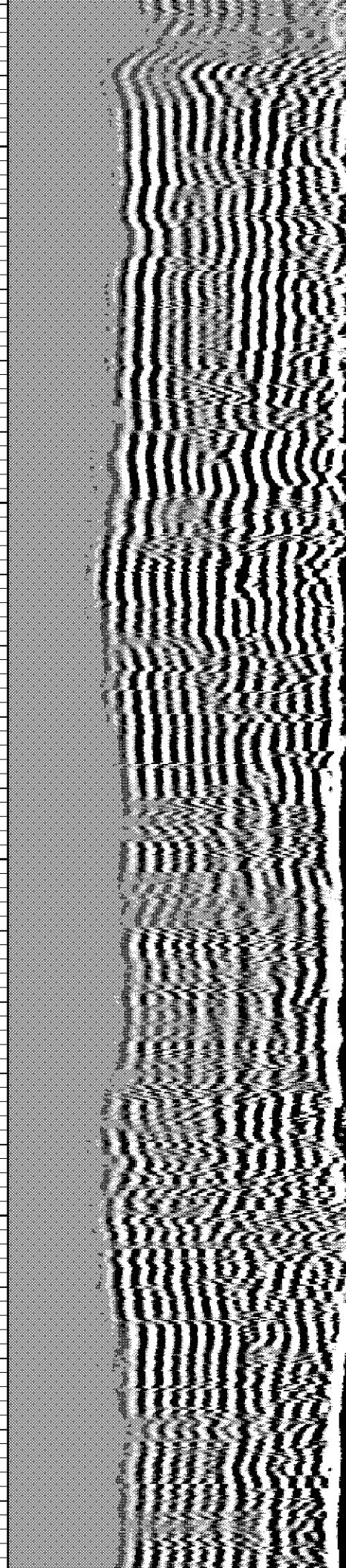
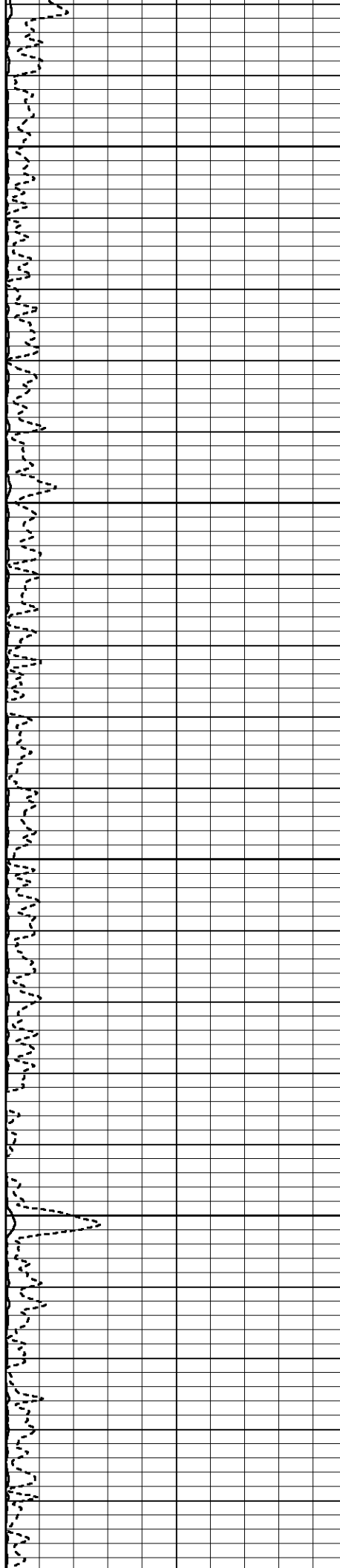
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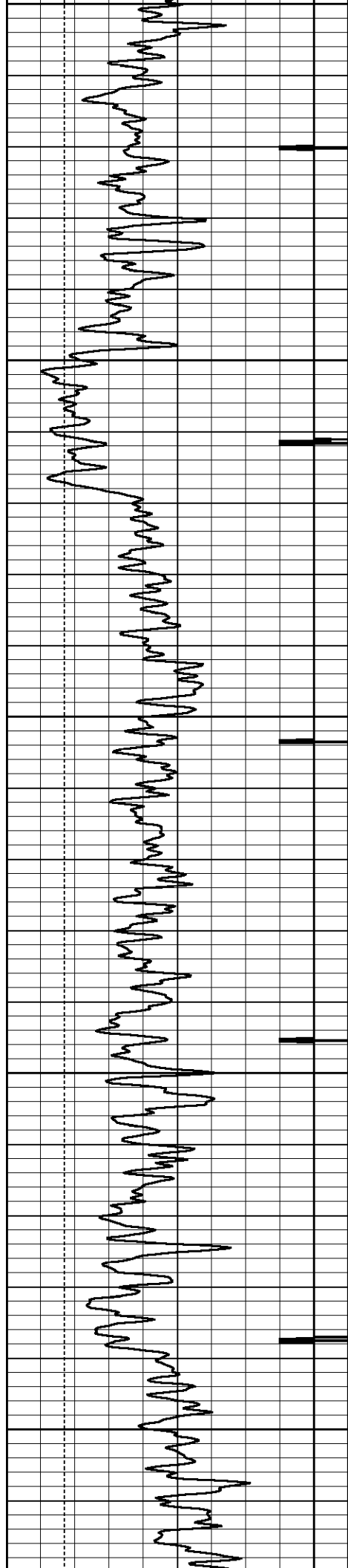
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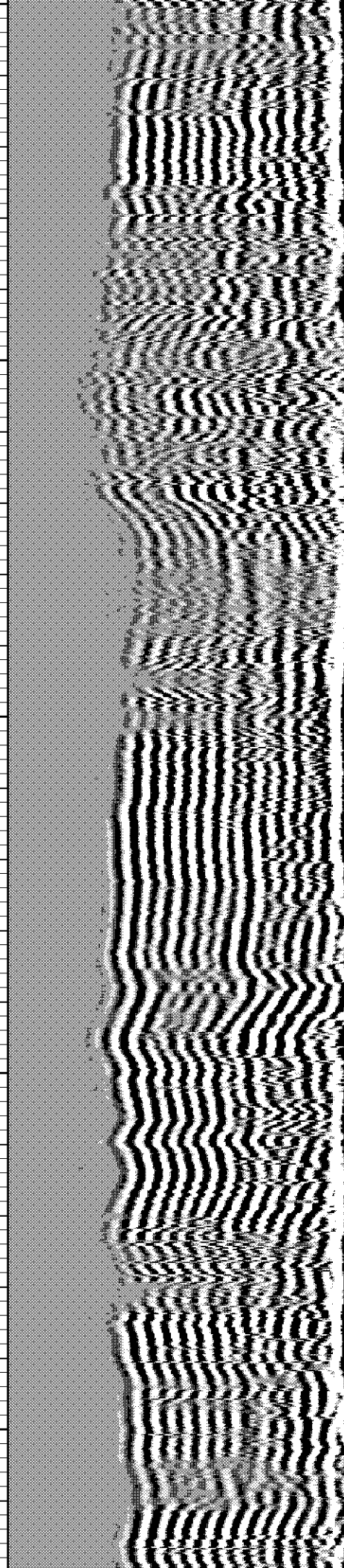
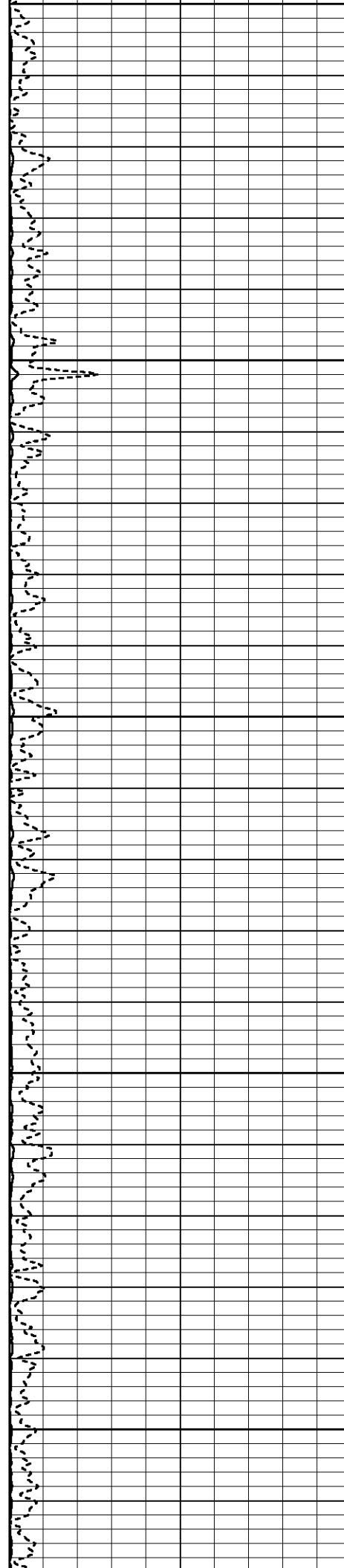
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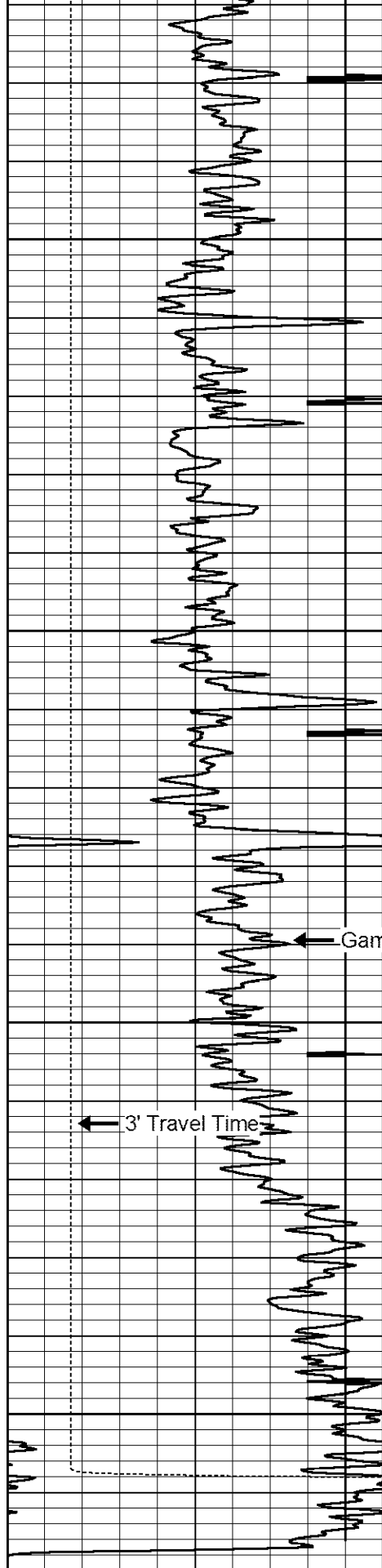
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7600

7650





7700

7750

7800

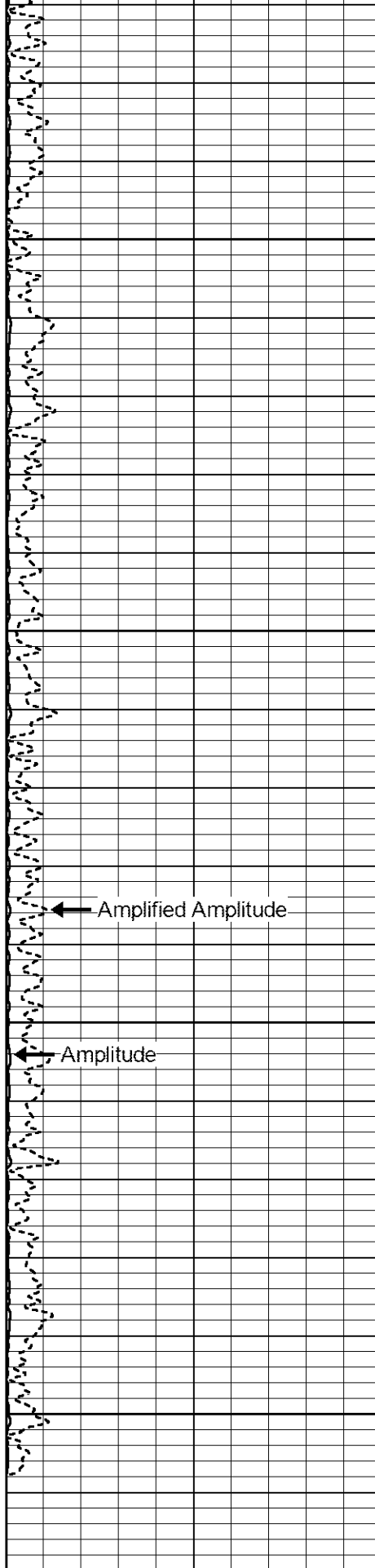
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Gamma Ray

CCL

3' Travel Time

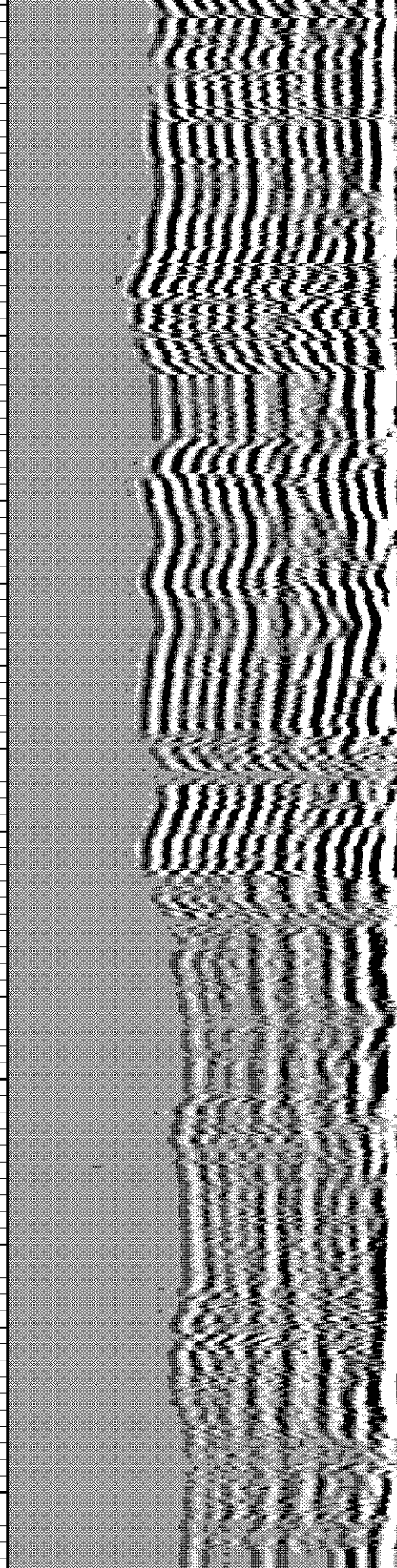
325	Travel Time (usec)	225
9	Collar Locator	-1
0	Gamma Ray (GAPI)	250



Amplified Amplitude

Amplitude

0	Amplified Amplitude (mV)	10
0	Amplitude (mV)	100



Variable Density


200	Variable Density	1200
Free Pipe Gate		

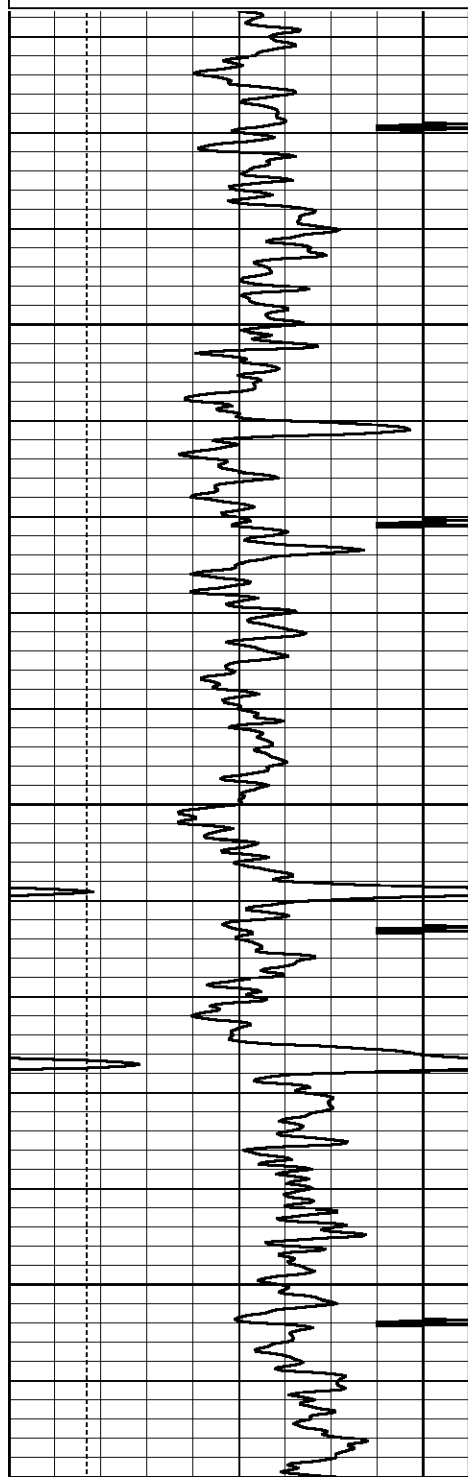
REPEAT PASS

Database File: nelson_1.db
 Dataset Pathname: pass15
 Presentation Format: cbl_dr
 Dataset Creation: Mon Oct 26 11:14:59 2015 by Log Std Casedhole 09061
 Charted by: Depth in Feet scaled 1:240

325	Travel Time (usec)	225
9	Collar Locator	-1
0	Gamma Ray (GAPI)	250

0	Amplified Amplitude (mV)	10
0	Amplitude (mV)	100

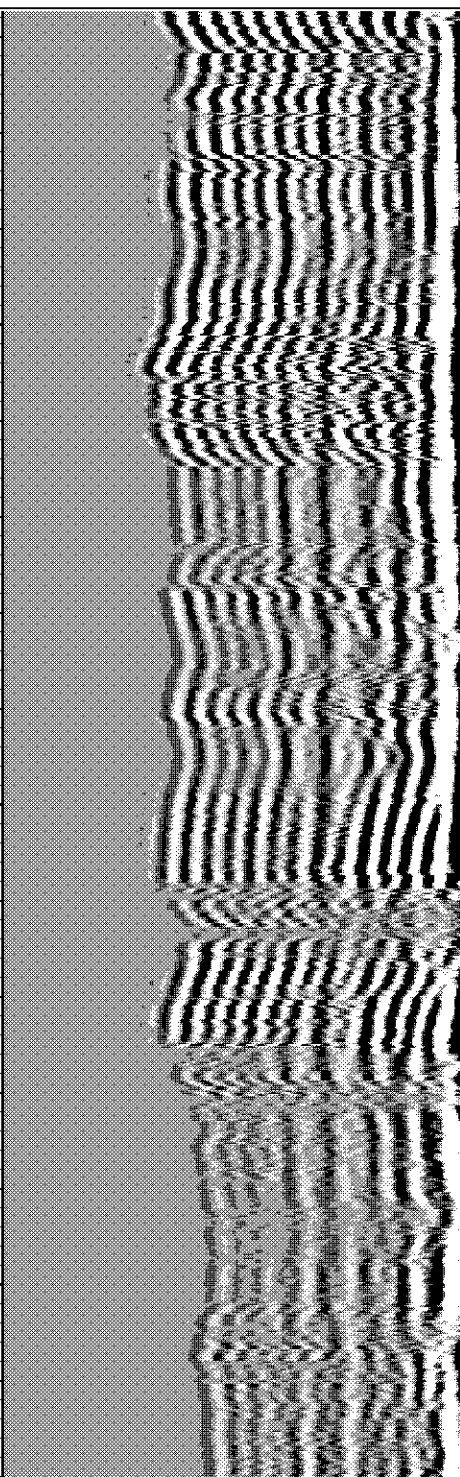
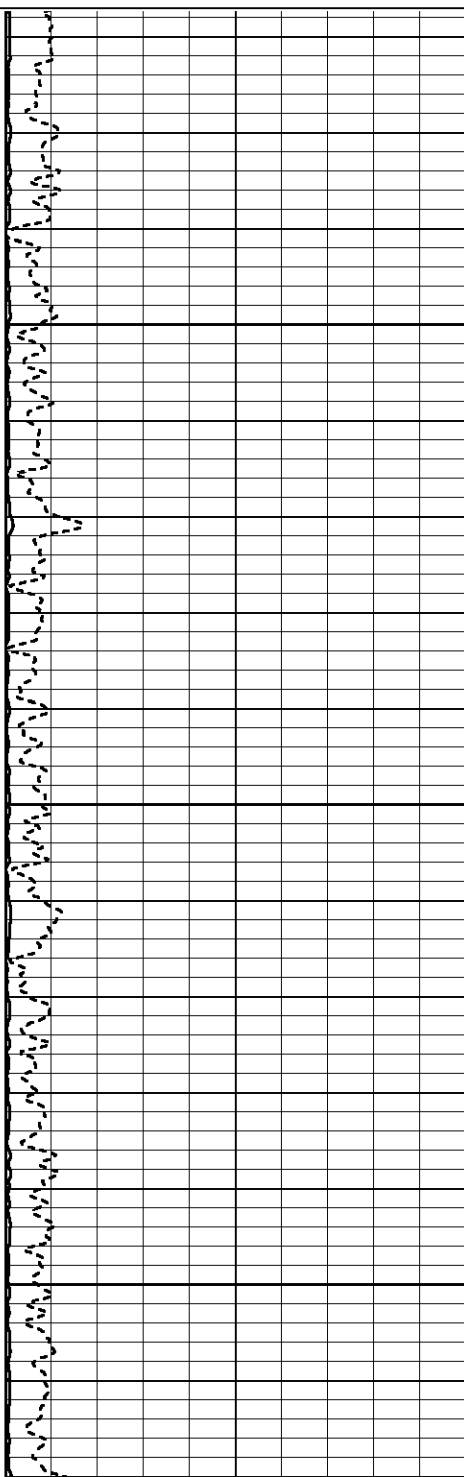
200	Variable Density	1200
		
Free Pipe Gate		

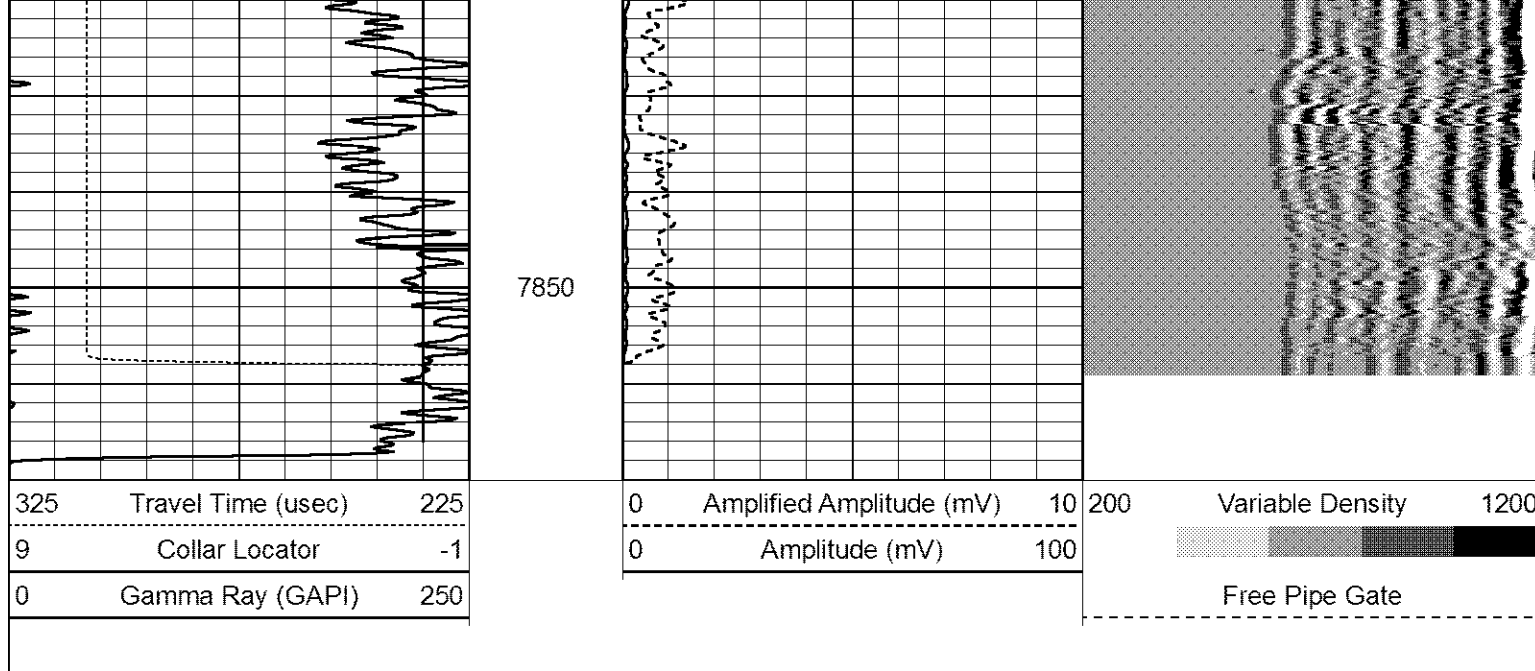


7700

7750

7800





Company	EnCana Oil and Gas
Well	NELSON #1
Field	Wattenberg
County	Weld
State	CO