



# RADIAL ANALYSIS BOND LOG

Baker Atlas

File No: WPX ENERGY

CH085270 FEDERAL NER 314-32

API No: RULISON

County GARFIELD State CO

050452177400000

## Location

SHL: 178' FNL & 2591' FWL (5 75 93W)

BHL: 810' FSL & 645' FWL (32 65 93W)

SEC 32 TWP 6S RGE 93W

## Other Services

RPM

GL Elevation 7603 ft

KB 26 ft Above P. D.

KB

## Elevations

KB 7629 ft

DF

GL 7603 ft

Permanent Datum

Log Measured From

Drill Measured From

Date 26/APR/14

Run ONE

Service Order US625394

Depth Driller 10314 ft

Depth Logger 10285 ft

Bottom Logged Interval 10275 ft

Top Logged Interval 26 ft

Time Started 1700

Time Finished 2030

Operator Rig Time 3.5 HOURS

Type of Fluid in Hole WATER

Fluid Density NA

Salinity NA

Fluid Level 92 ft

Logged Cement Top NA

Wellhead Pressure 0 psi

Maximum Hole Deviation NA

Nominal Logging Speed 65 fpm

Maximum Recorded Temperature 245 degF

Reference Log NA

Reference Log Date NA

Equipment No. 4271 Location GRAND JUNCTION

Recorded By FLOYD RENEAU

Witnessed By JEFF DUCY

- FOLD HERE

In making interpretations of logs, our employees will give the customer the benefit of their best judgement. But since all interpretations are opinions based on inferences from electrical or other measurements, we cannot, and we do not guarantee the accuracy or correctness of any interpretation. We shall not be liable or responsible for any loss, cost, damages, or expenses whatsoever incurred or sustained by the customer resulting from any interpretation made by any of our employees.

## Borehole Record

Bit Size	From	To
13.5 in	0 ft	1132 ft
8.75 in	1132 ft	10314 ft

## Casing Record

Size	Weight	Grade	From	To
9.625 in			0 ft	1132 ft
4.5 in	11.6 lbm/ft	P-110	0 ft	10314 ft

## Remarks

All data on this log is shifted using the CCL curve to put the wellhead (top CCL mark) on depth with ground level elevation at the client's request.

The amount of linear shift is 12 feet.

Logged with zero PSI at wellhead.

BHT = 245°F

SJ = 6904'-6927'

Equipment Data					
Run	Trip	Tool	Series Number	Serial Number	Position
1	1	VDL	1426XA	10218496	CENT
1	1	GR/CCL	2459XA	10417456	CENT

PRIMARY PRESENTATION
0 PSI

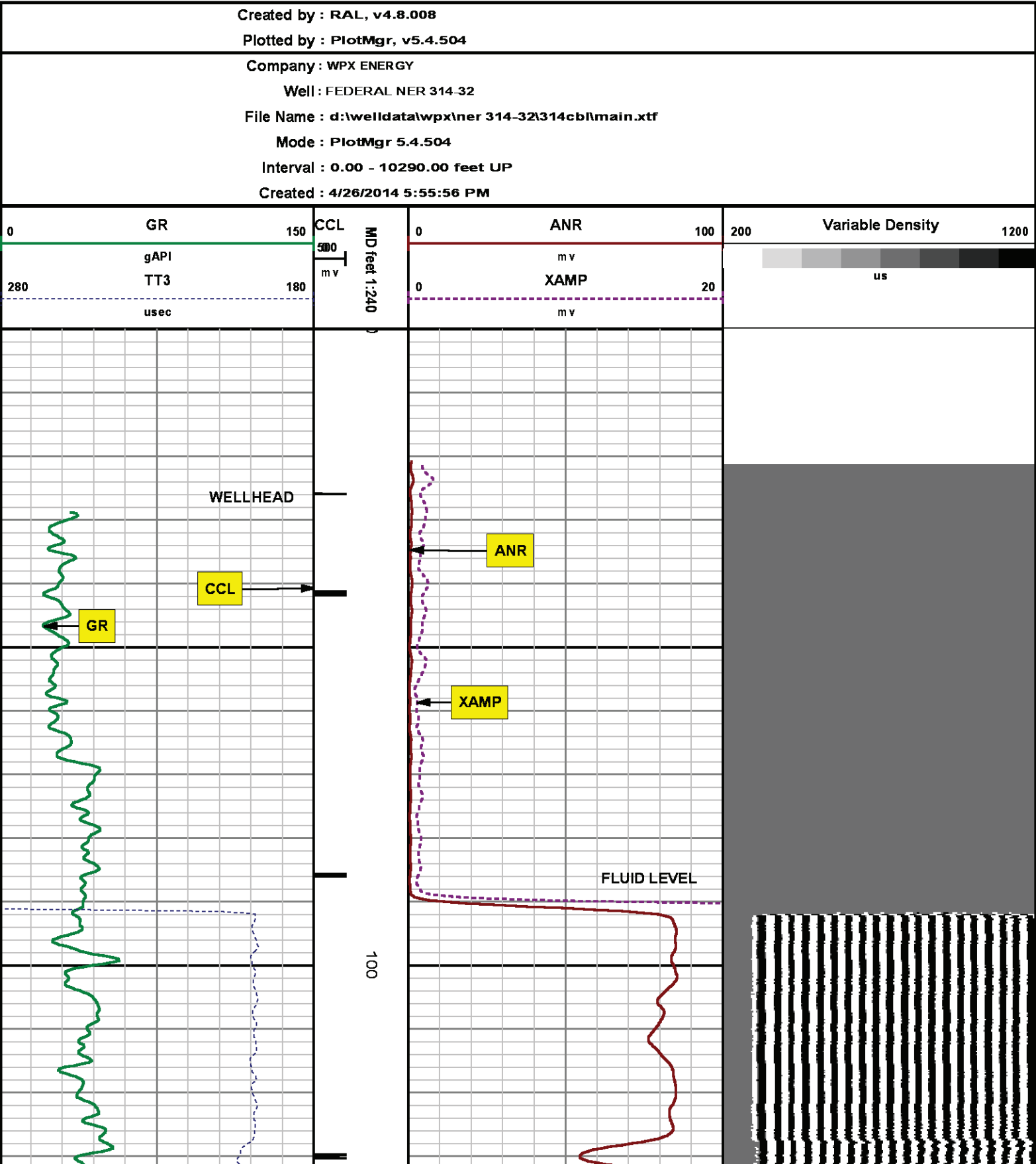
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	TOP	BOTTOM
RAL	Amp Gate Start Far	305.000	usec	36.999	10286.500
RAL	Amp Gate Start Near	195.000	usec	36.999	10286.500
RAL	Amp Gate Start Radial	195.000	usec	36.999	10286.500
RAL	Amp Gate Width Far	25.000	usec	36.999	10286.500
RAL	Amp Gate Width Near	25.000	usec	36.999	10286.500
RAL	Amp Gate Width Radial	25.000	usec	36.999	10286.500
RAL	casing od	4.500	inches	36.999	10286.500
RAL	casing wt	11.600	lbm/ft	36.999	10286.500
RAL	FB Start Far	291.900	usec	36.999	10286.500
RAL	FB Start Near	180.000	usec	36.999	10286.500
RAL	FB Start Radial	180.000	usec	36.999	10286.500
RAL	FB Thresh Far	15.000	mv	36.999	10286.500
RAL	FB Thresh Near	4.000	mv	36.999	10286.500
RAL	FB Thresh Radial	4.000	mv	36.999	10286.500
RAL	Fluid Travel Time	200.000	usec/ft	36.999	10286.405

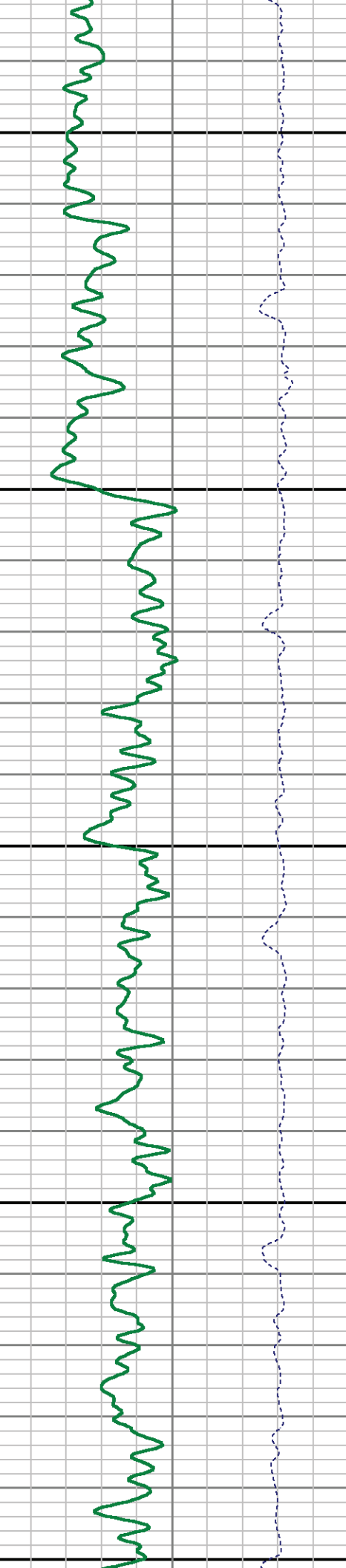
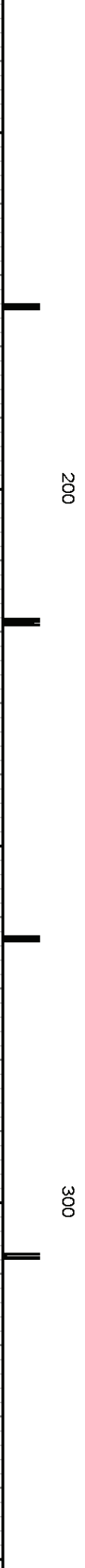
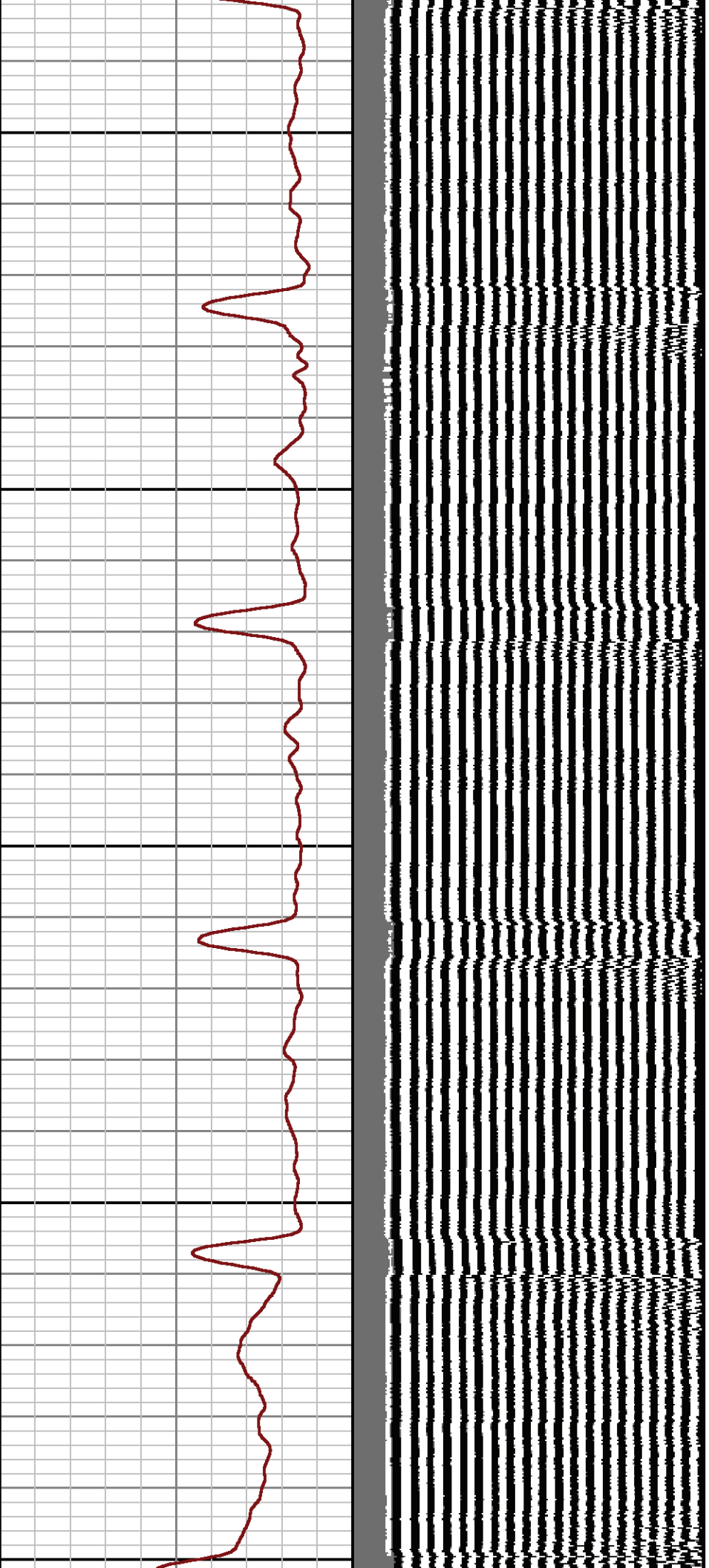
DEPTH OFFSETS

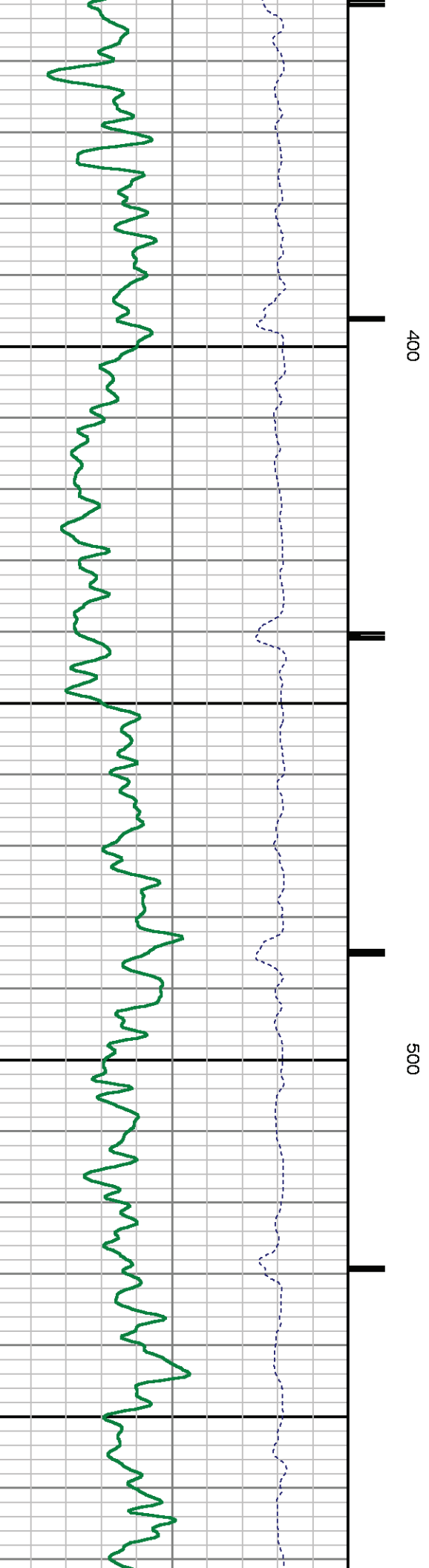
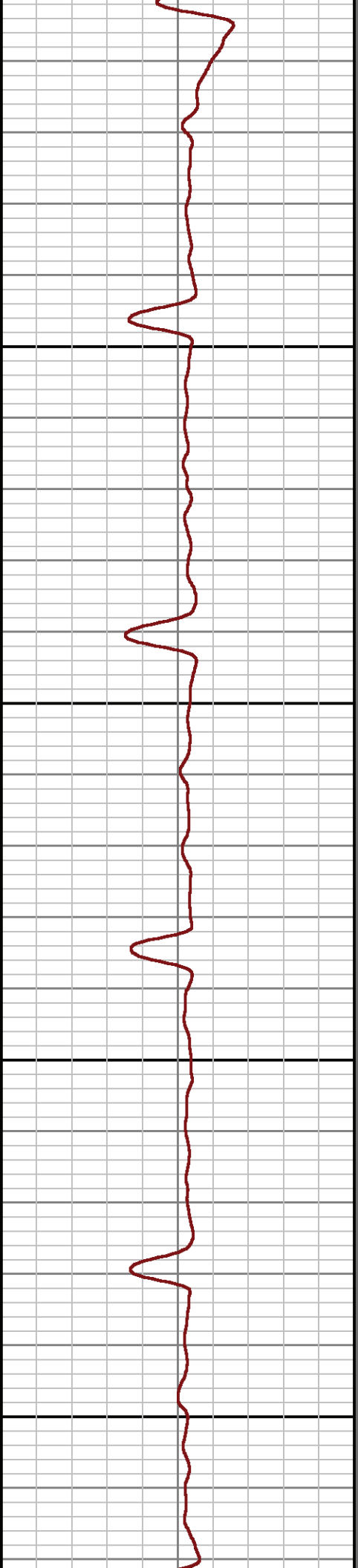
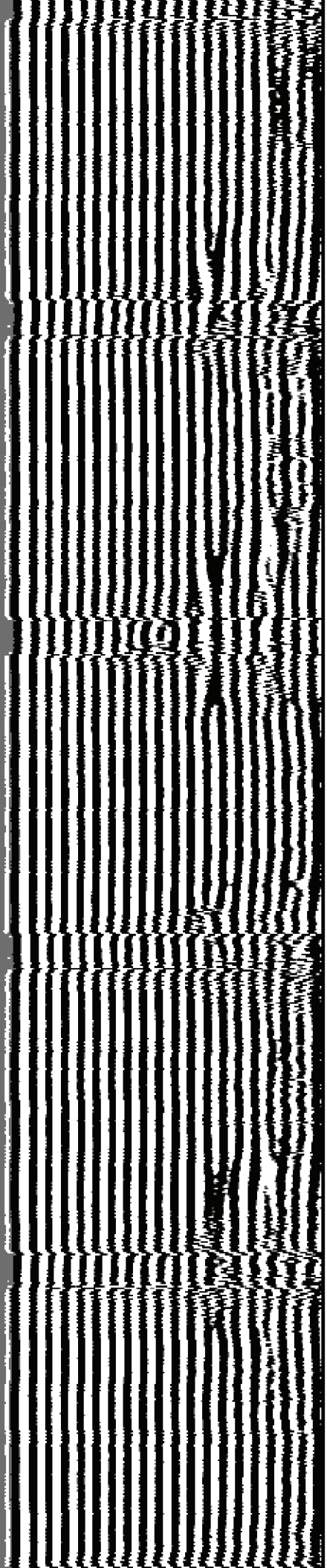
(for Acquired Curves)

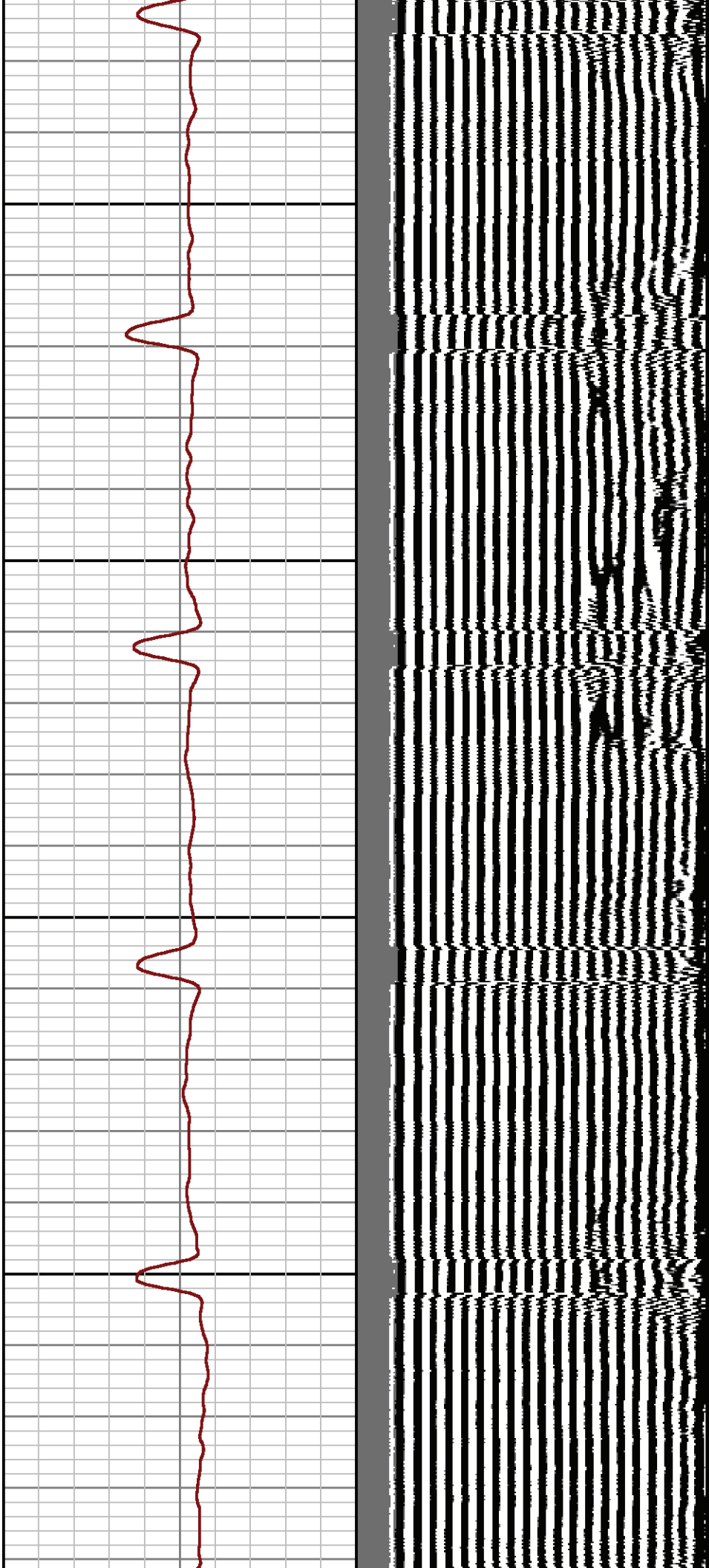
SERIES	DEPTH OFFSET	ACQUIRED CURVES					
1426XA	-16.750	ACAL	ANR	AR1	AR2	AR3	AR4
		AR5	AR6	AR7	AR8	CHV	FPR2

		FPR3	FPR5	TT3	TTR1	TTR2	TTR3
		TTR4	TTR5	TTR6	TTR7	TTR8	XAMP
1426XA	-15.750	AFAR	SIG	TT5			
2459XA	-11.340	CCL					
2459XA	-9.490	GR					
2459XA	-4.090	NEU					



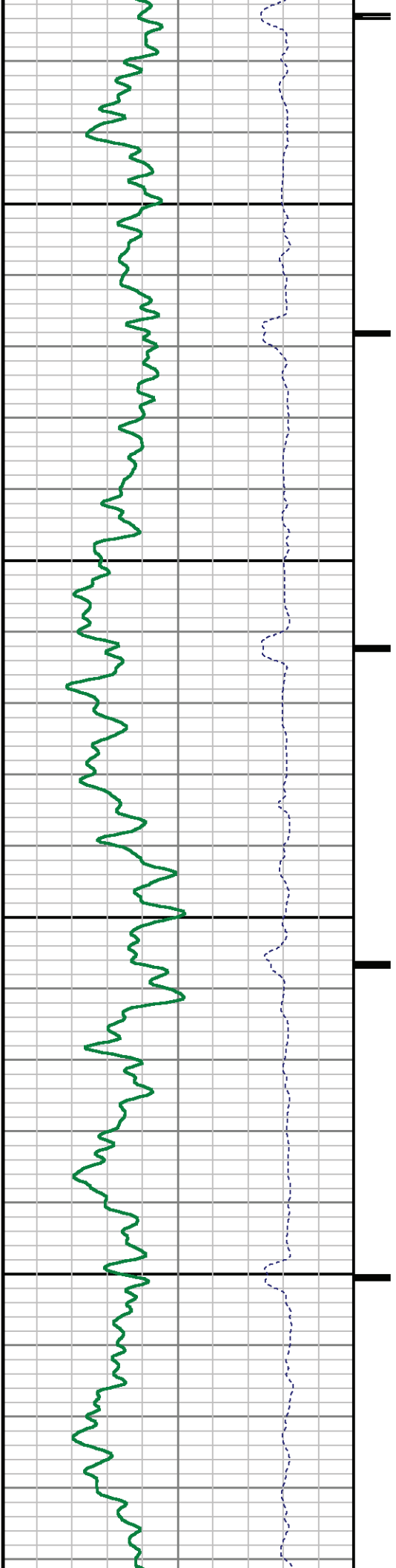


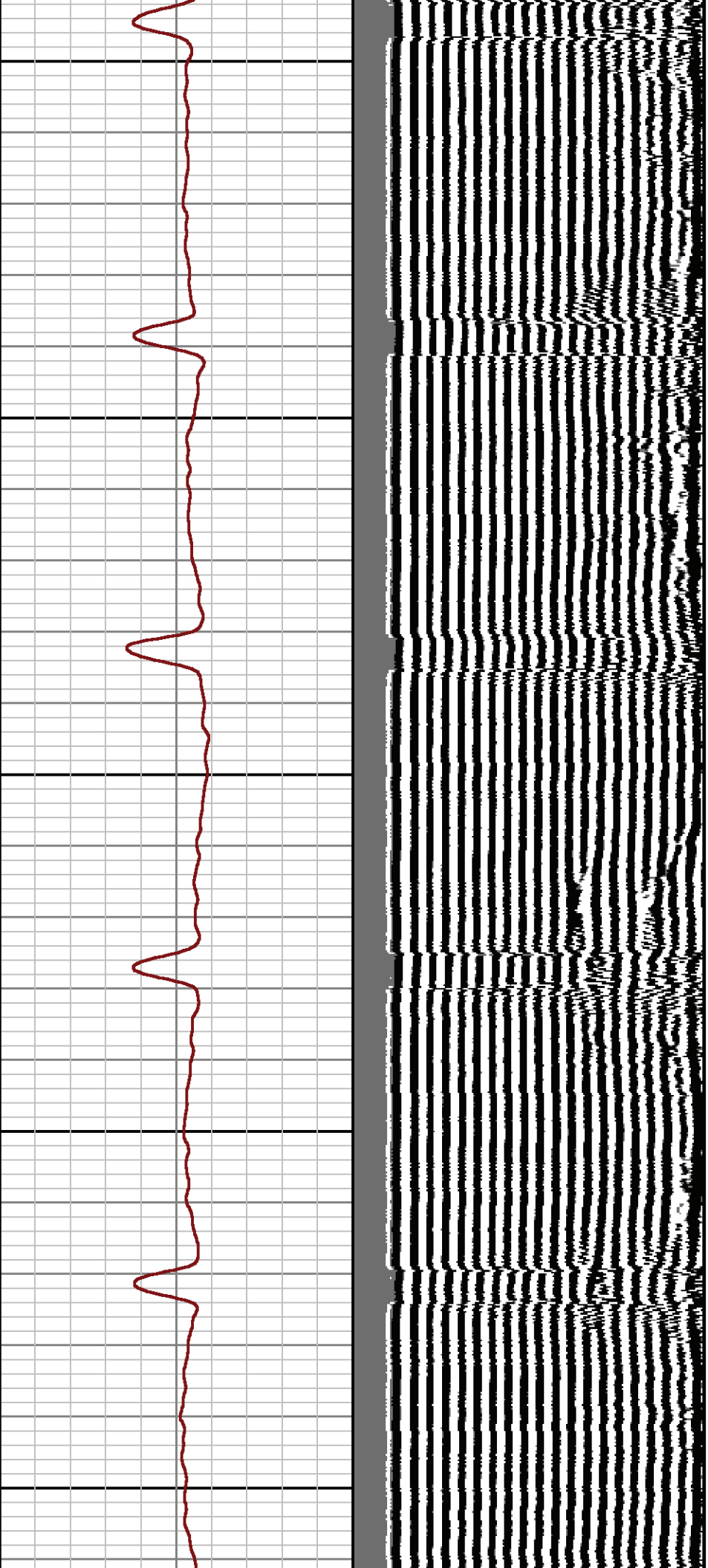




600

700

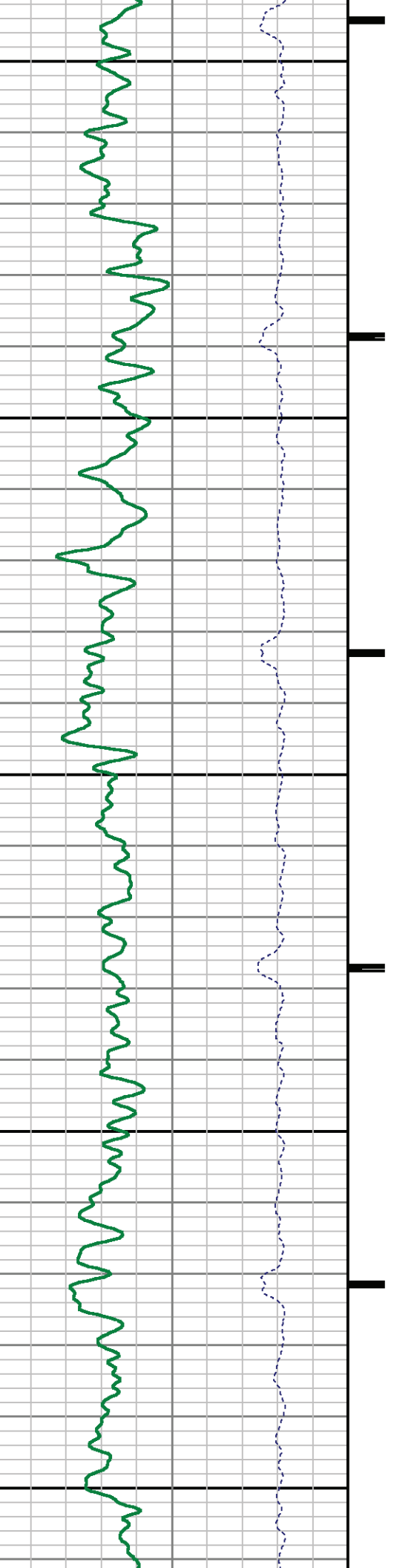


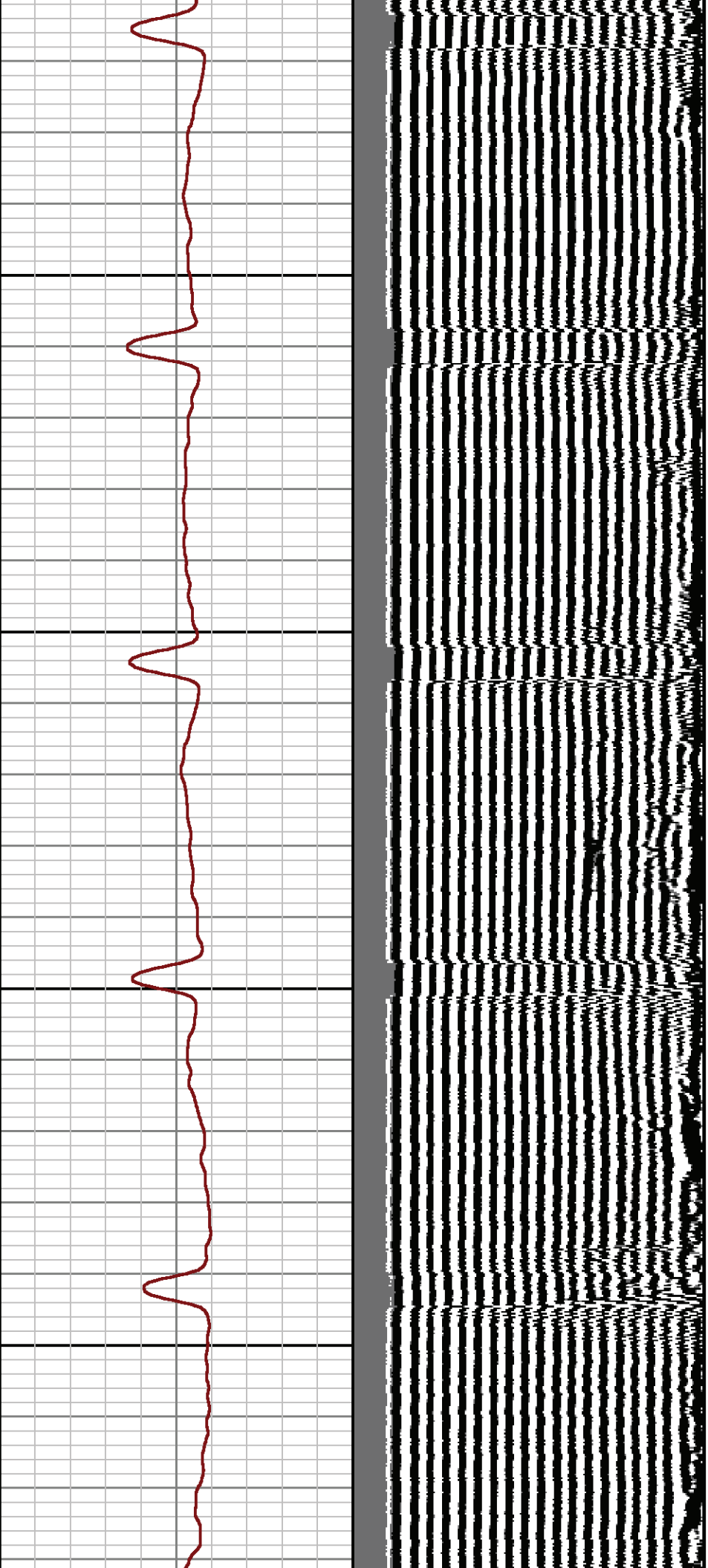


800

900

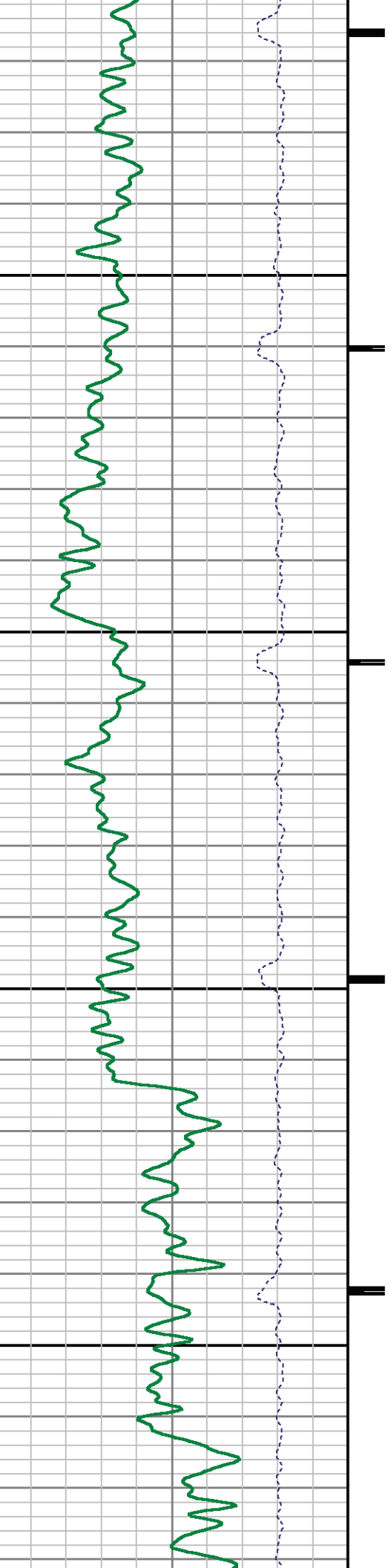
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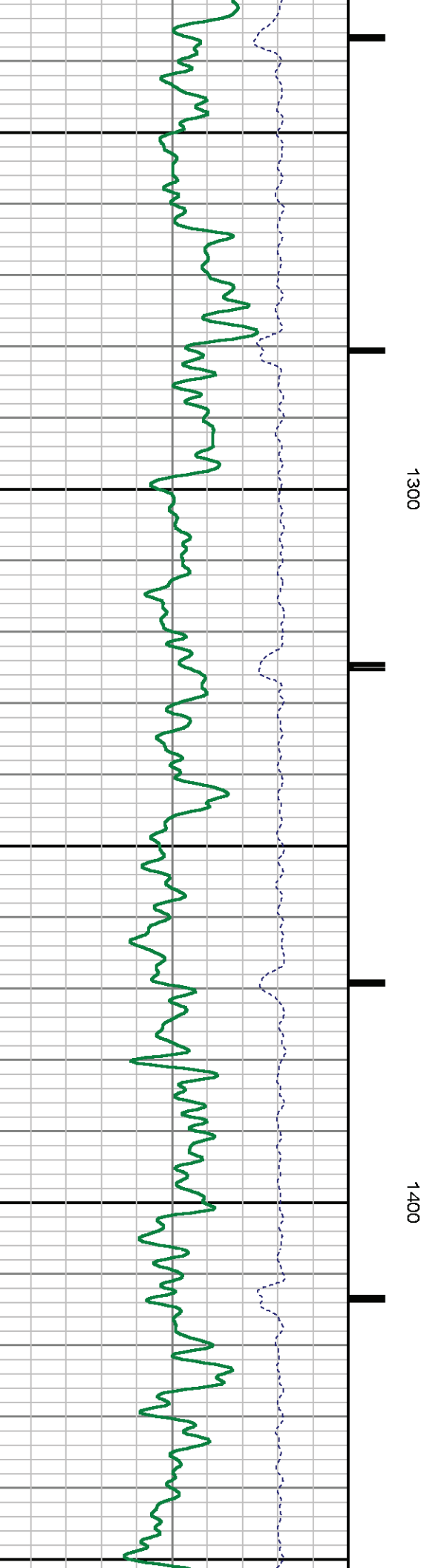
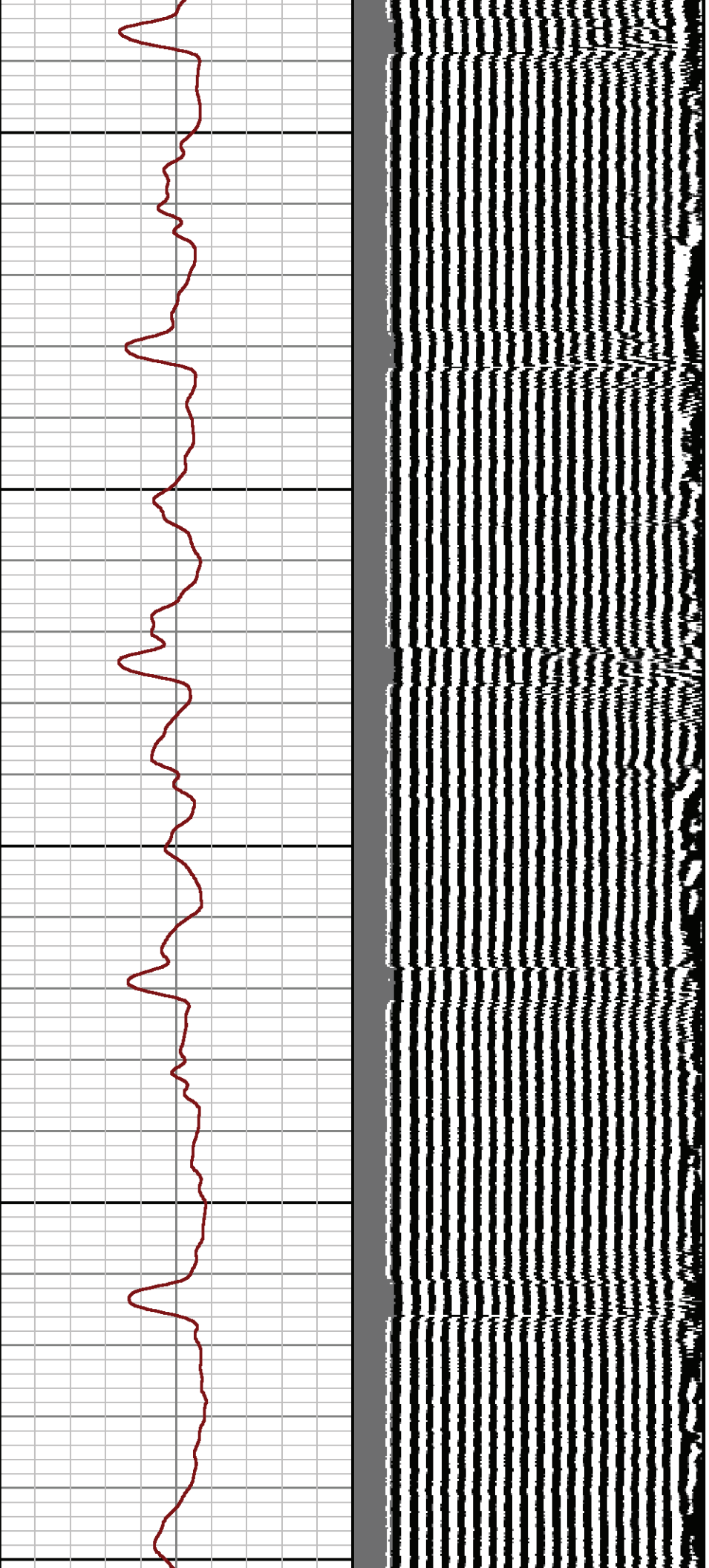


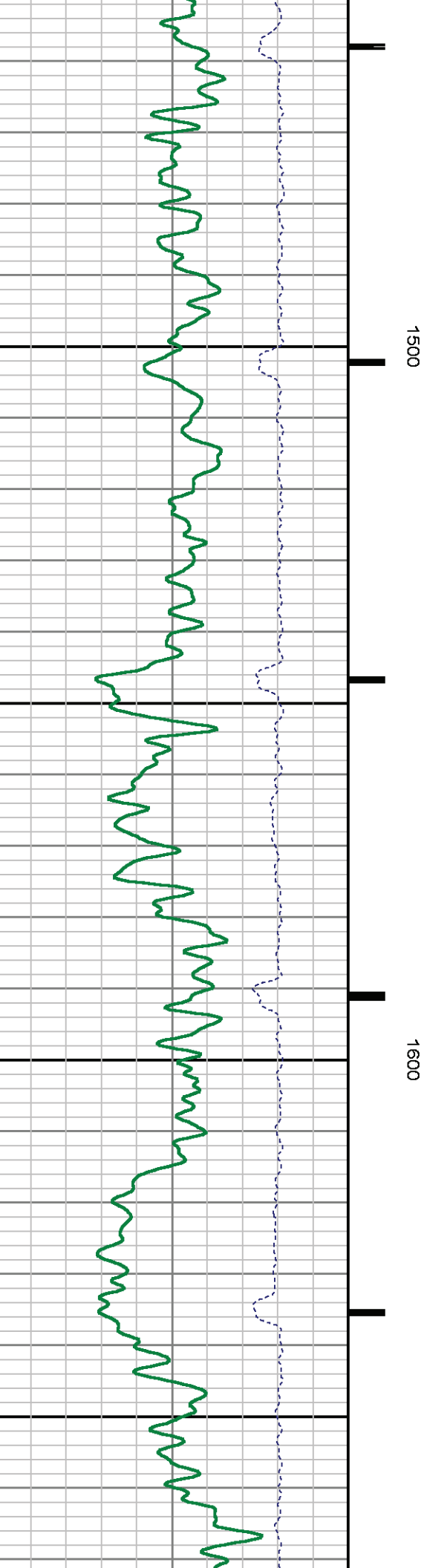
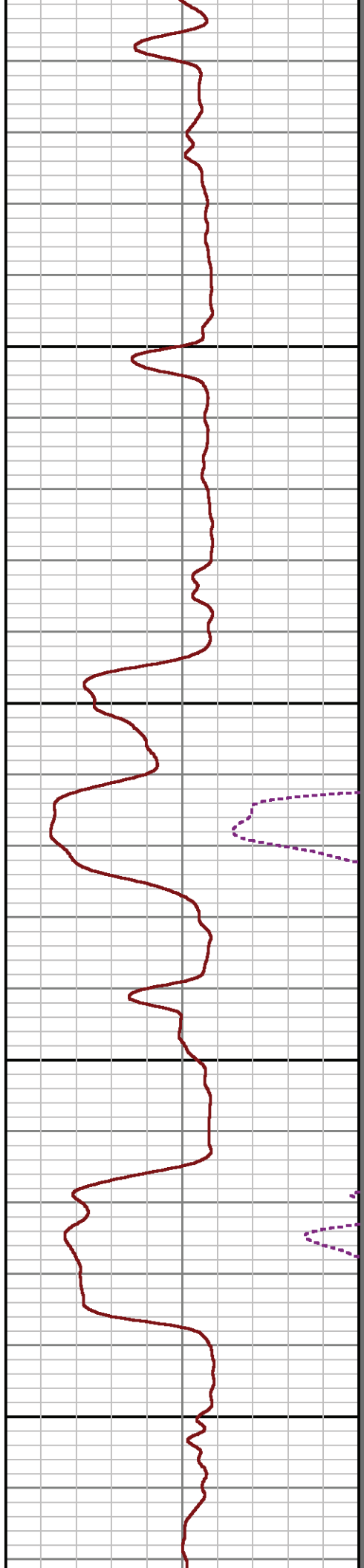
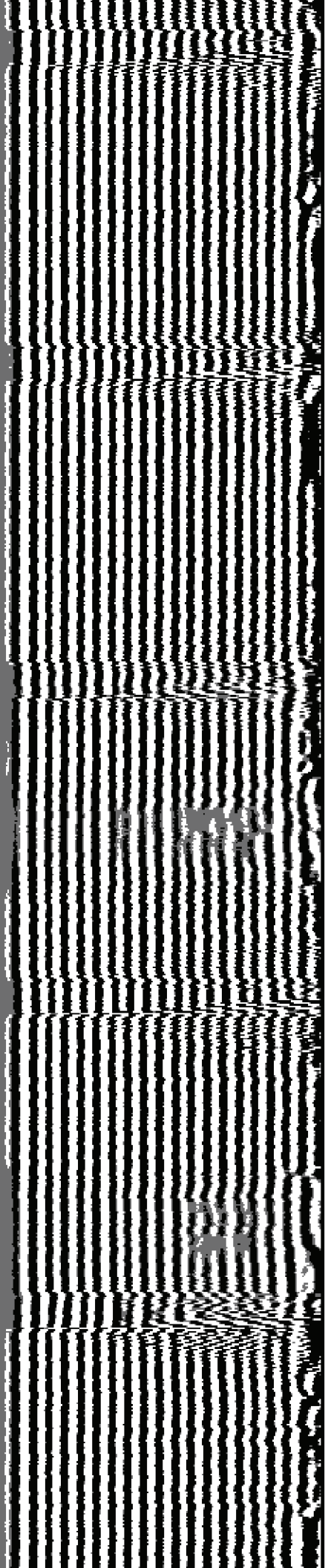
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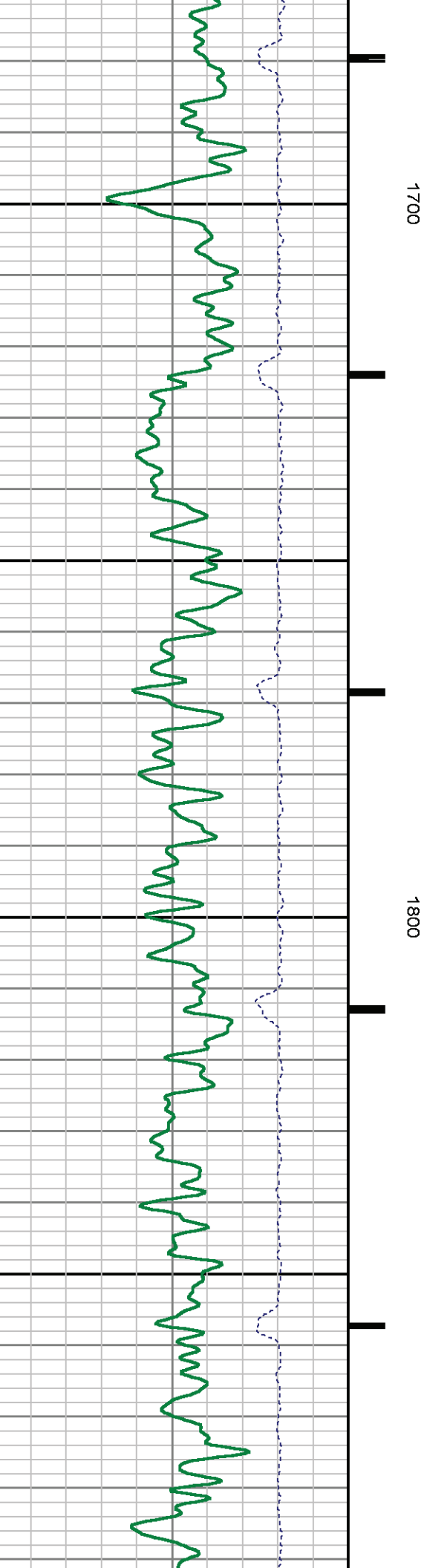
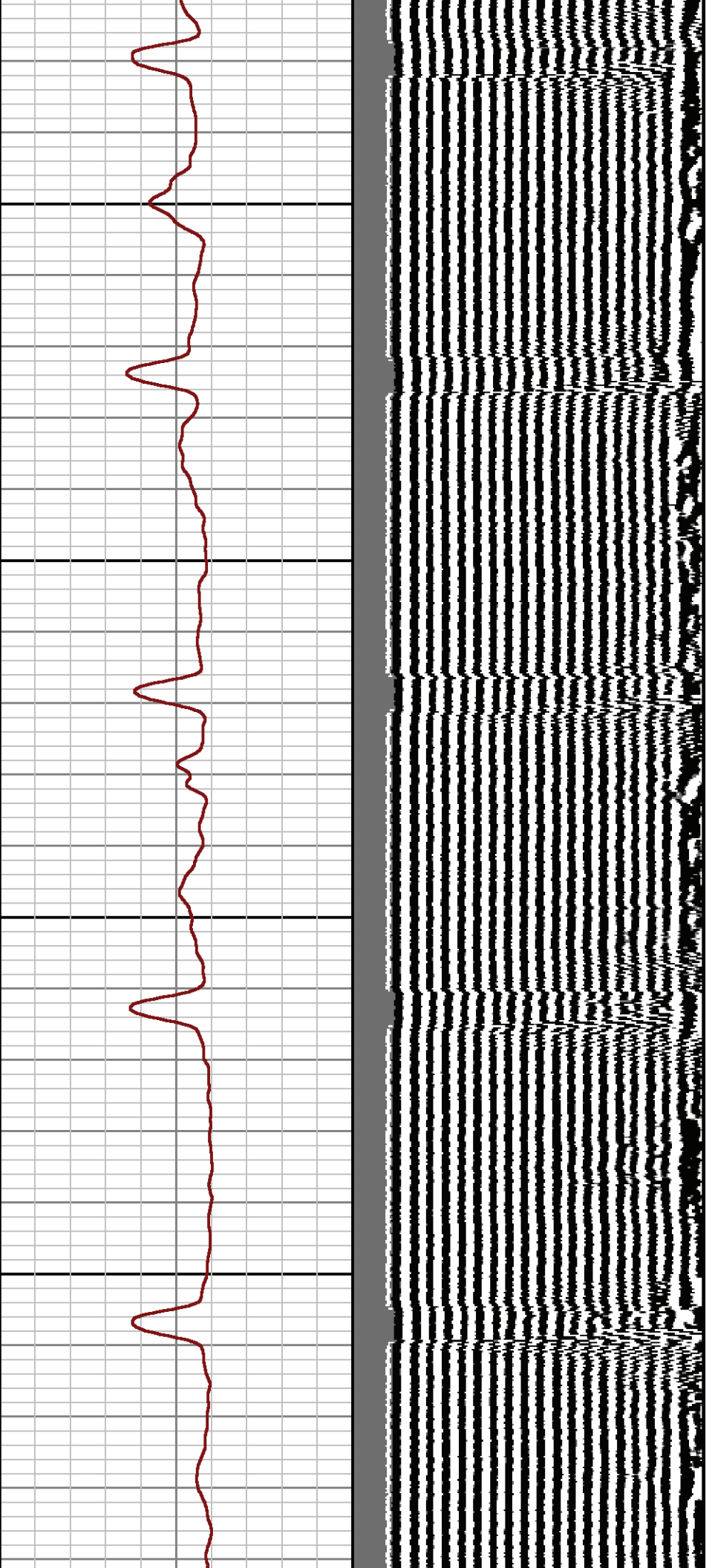
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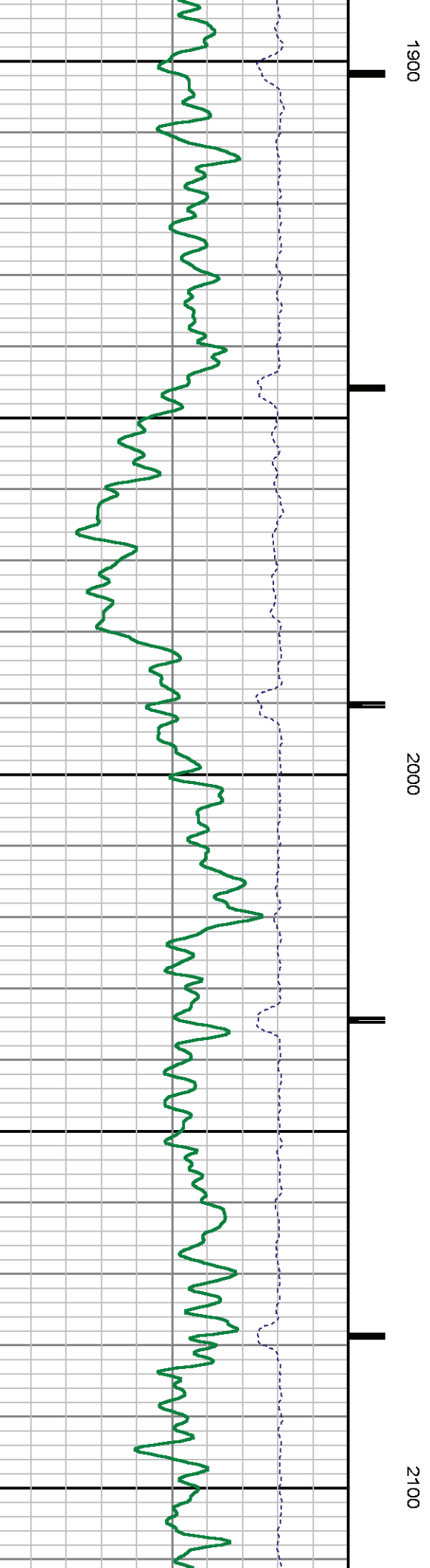
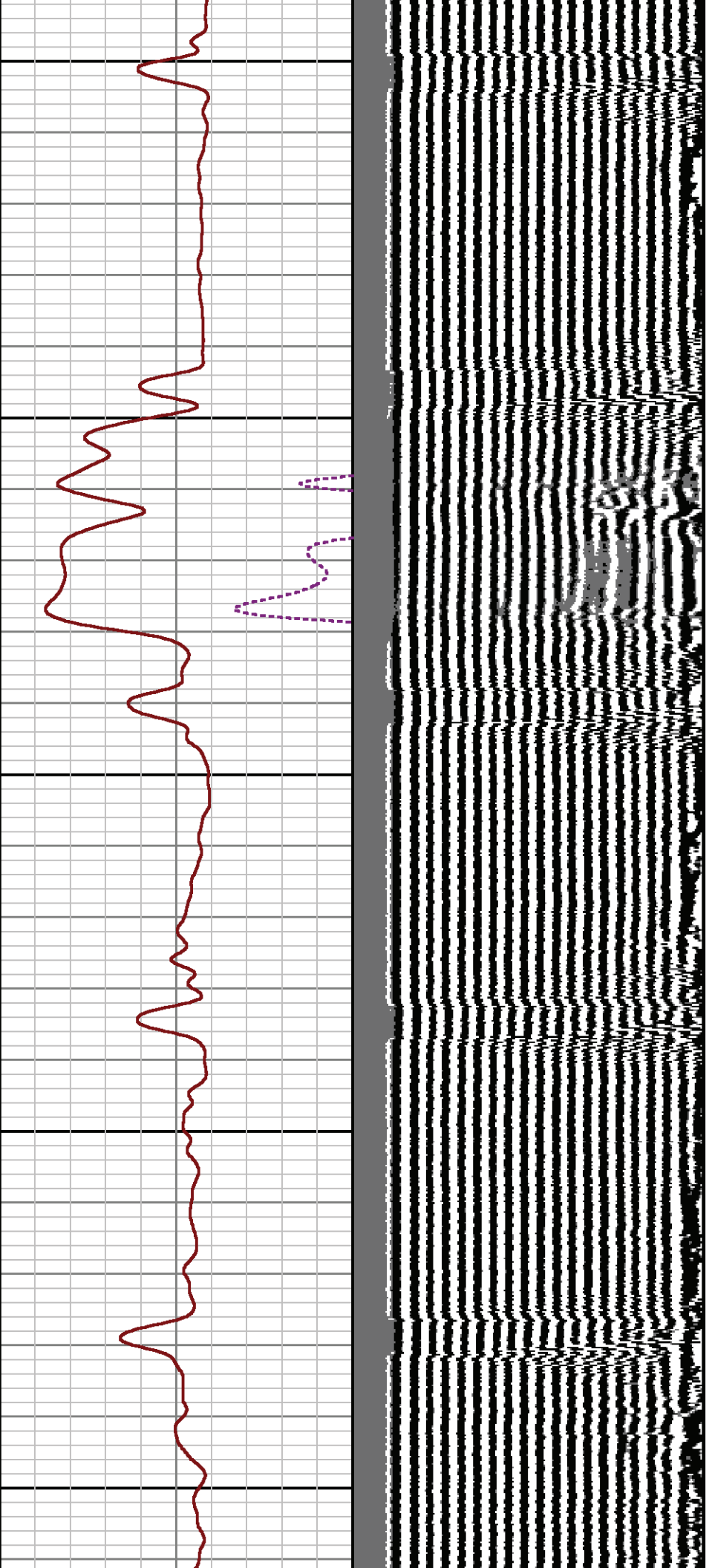


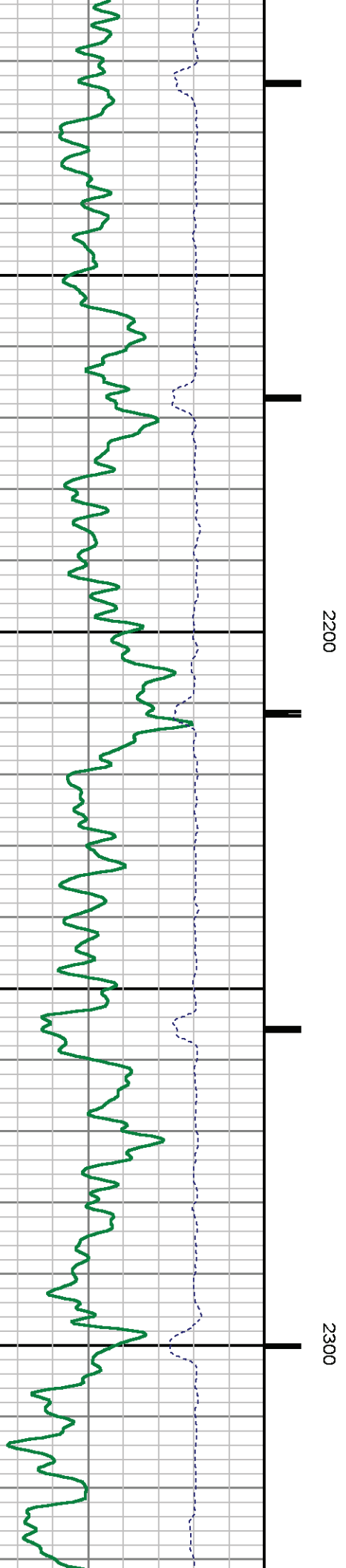
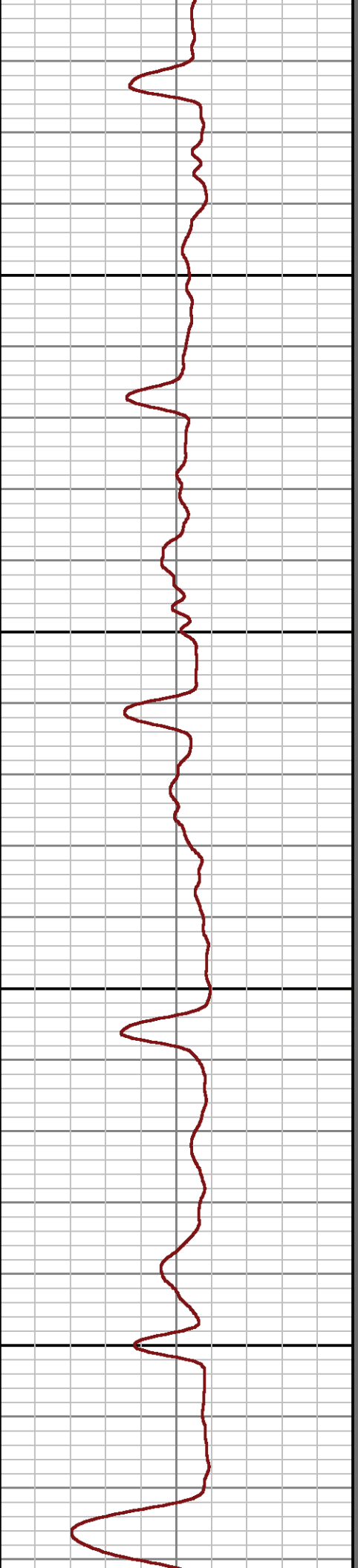
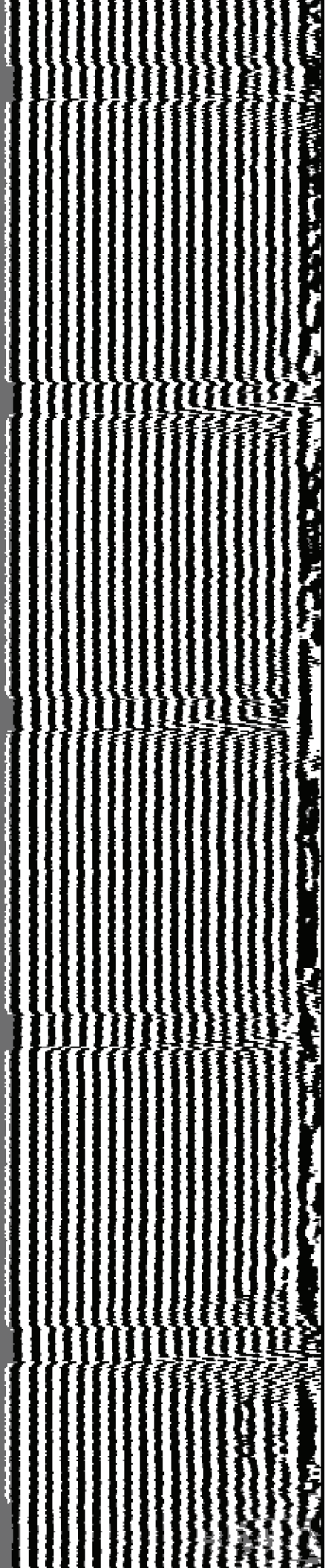


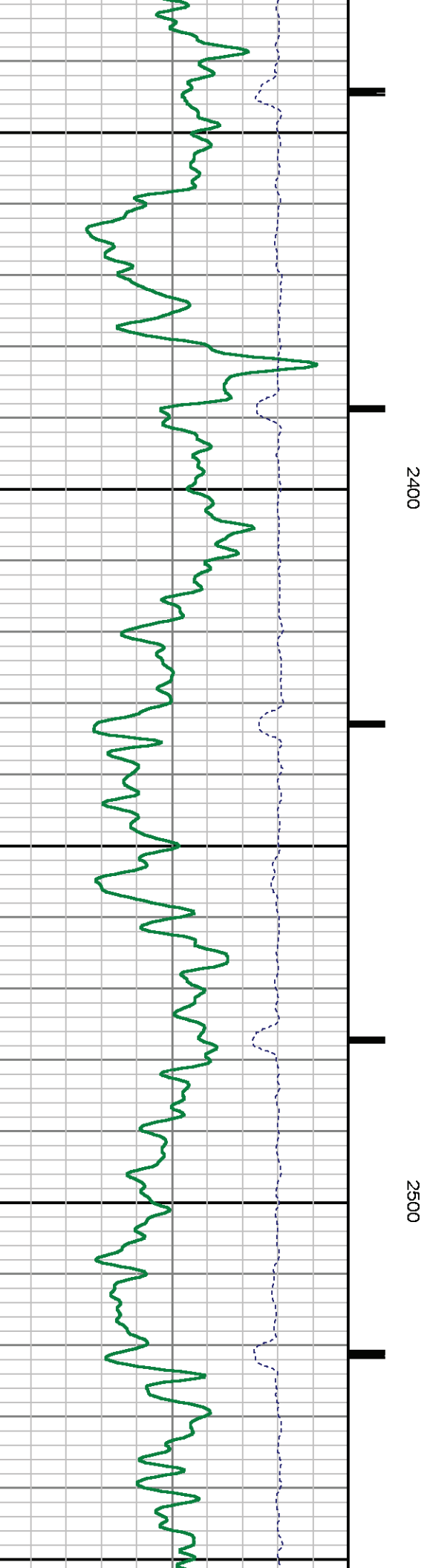
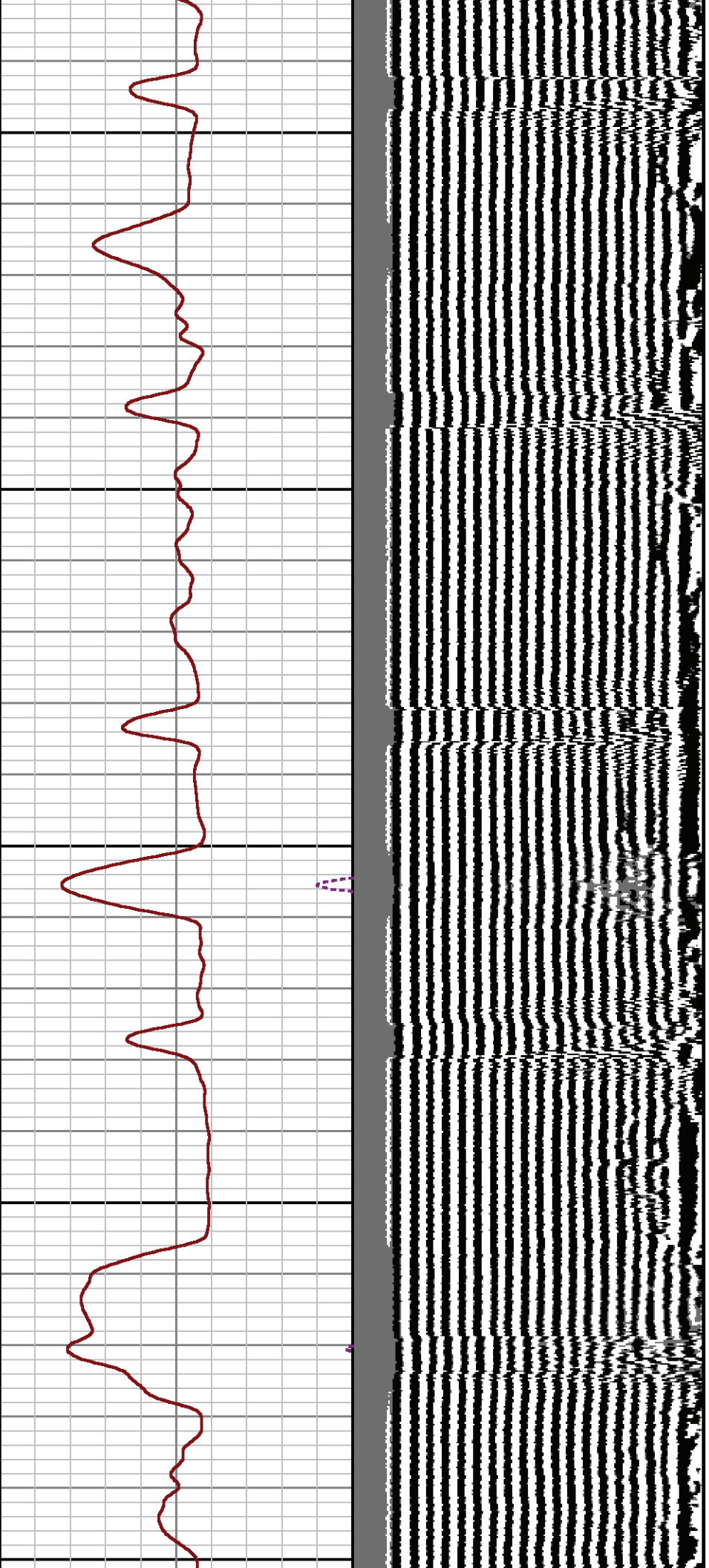




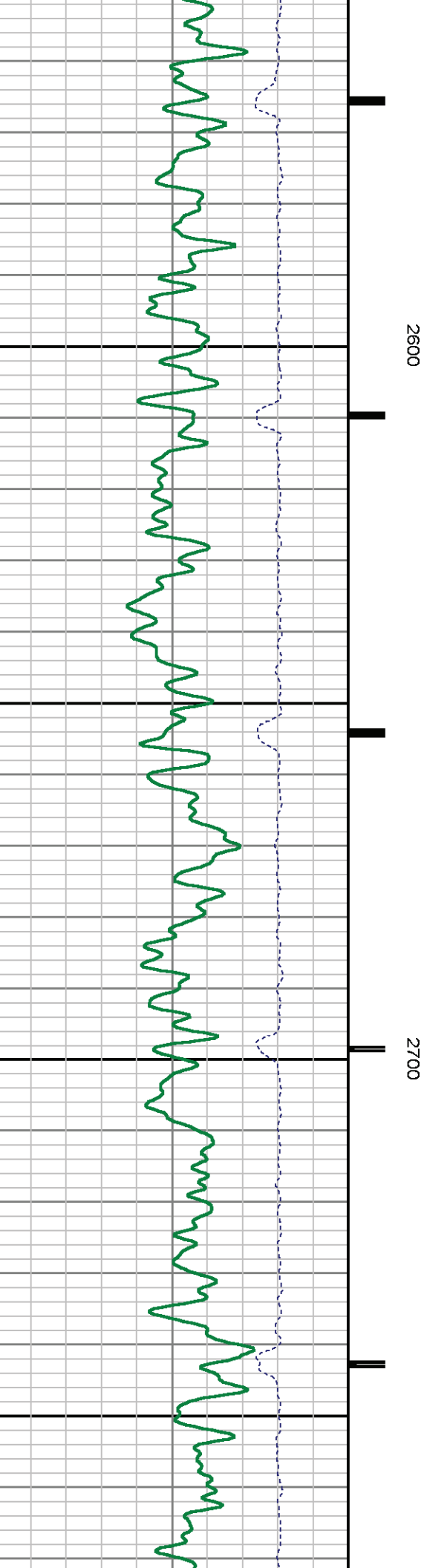
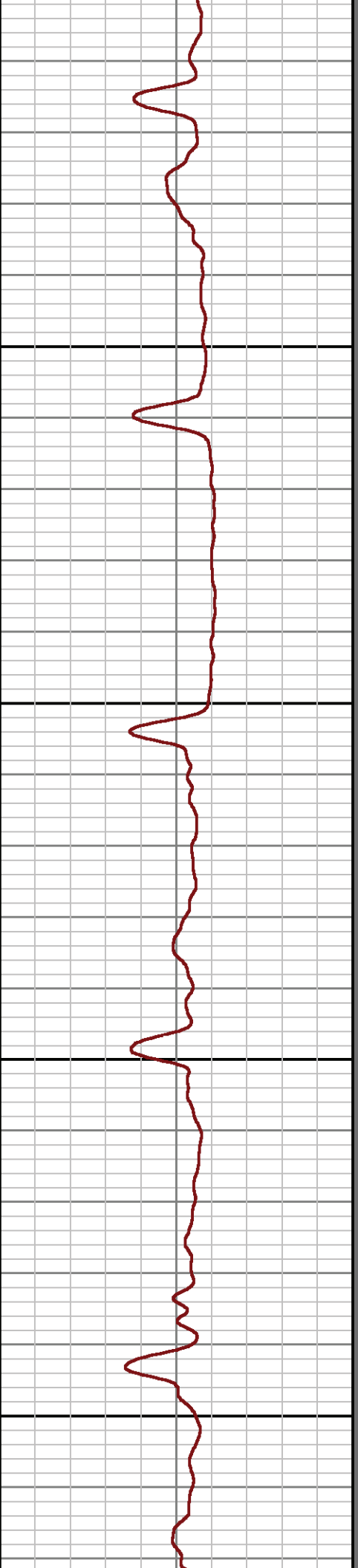
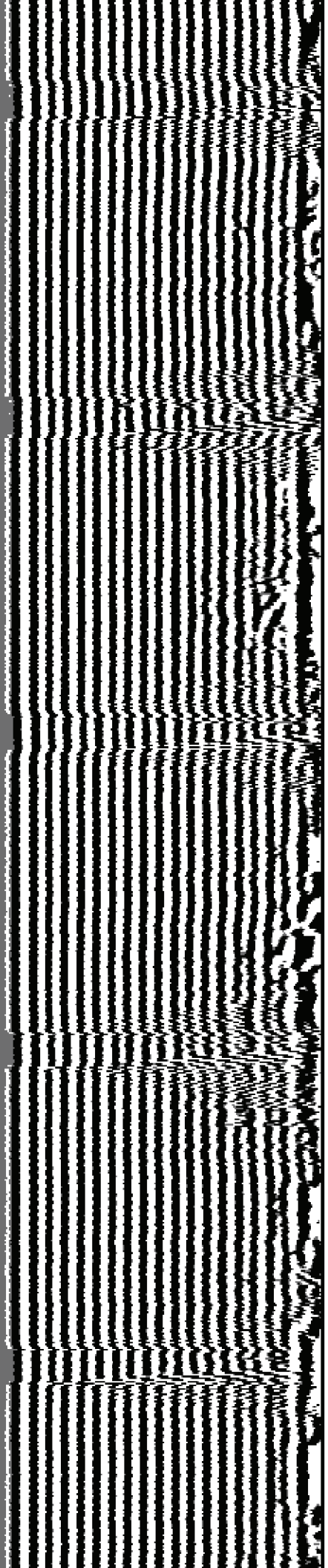


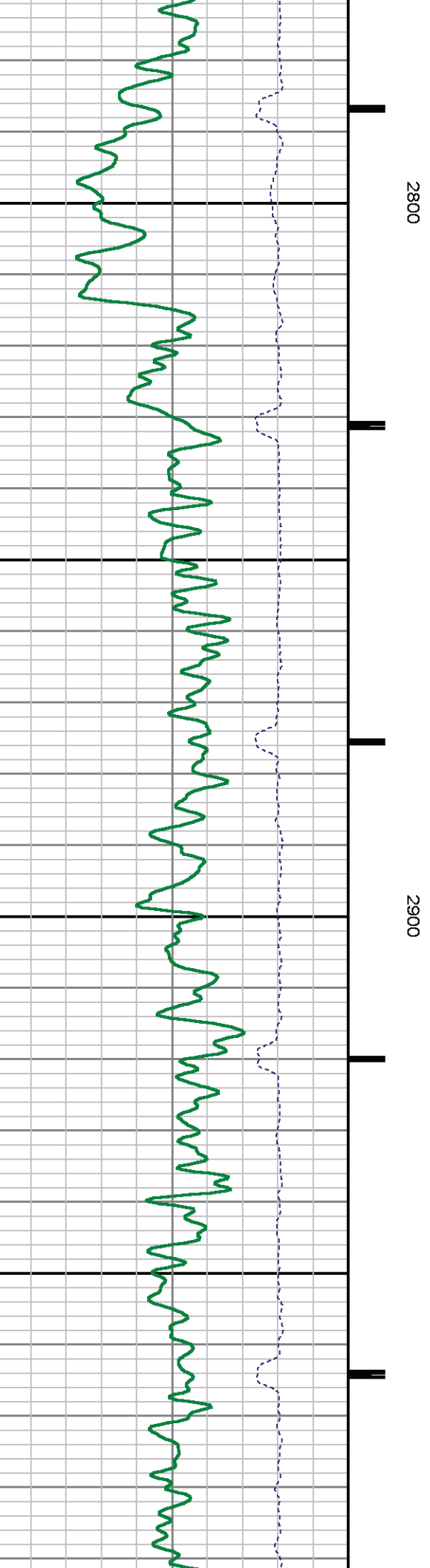
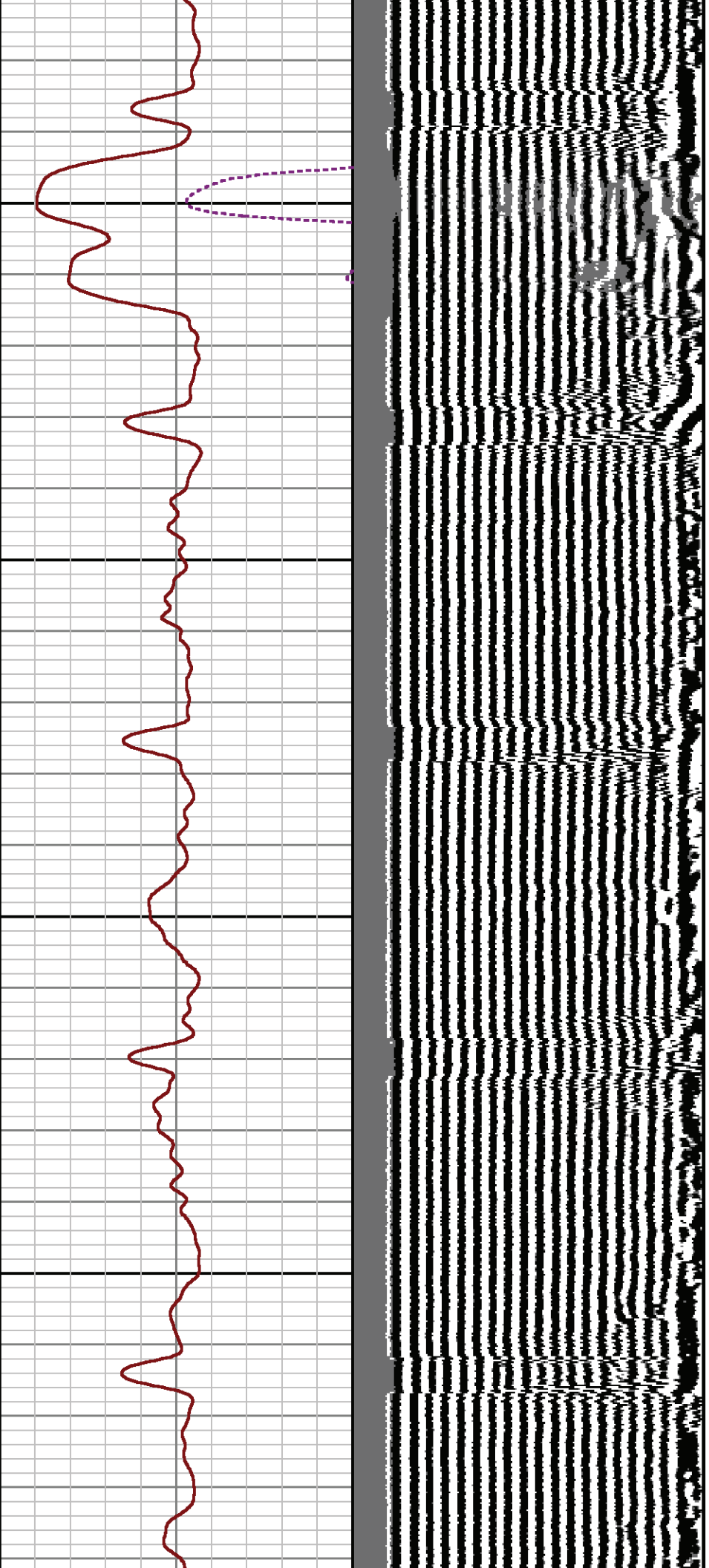




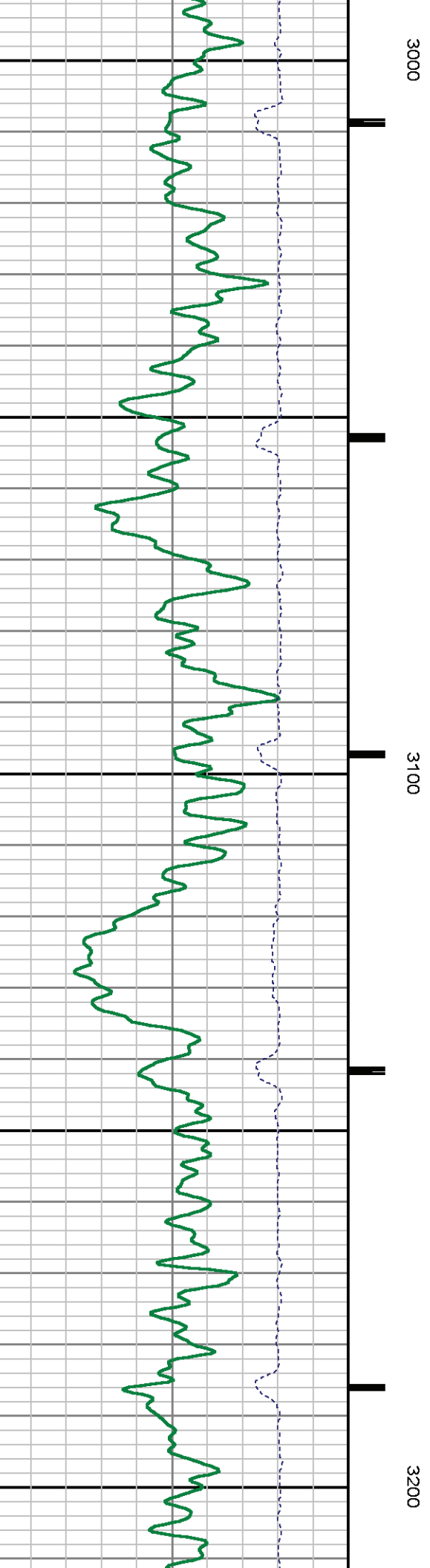
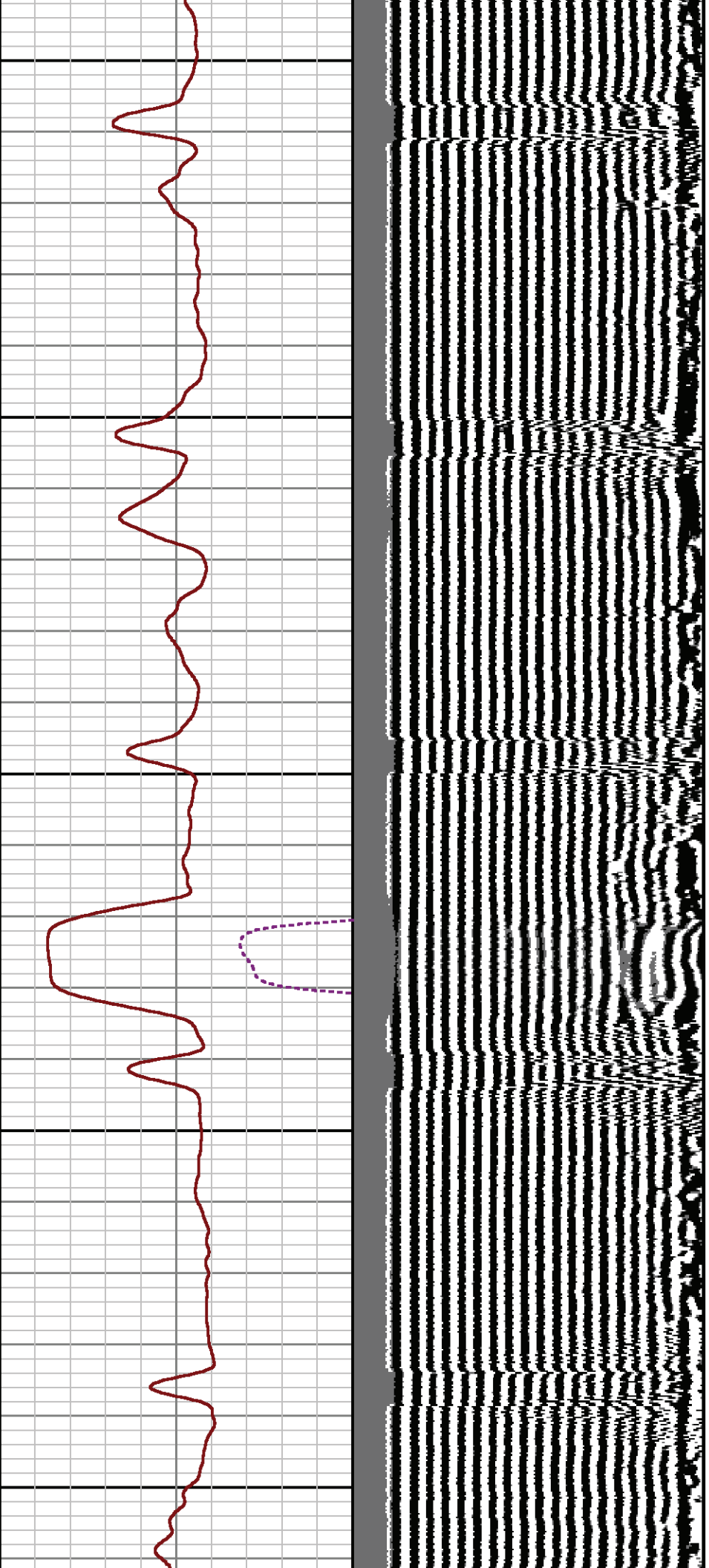


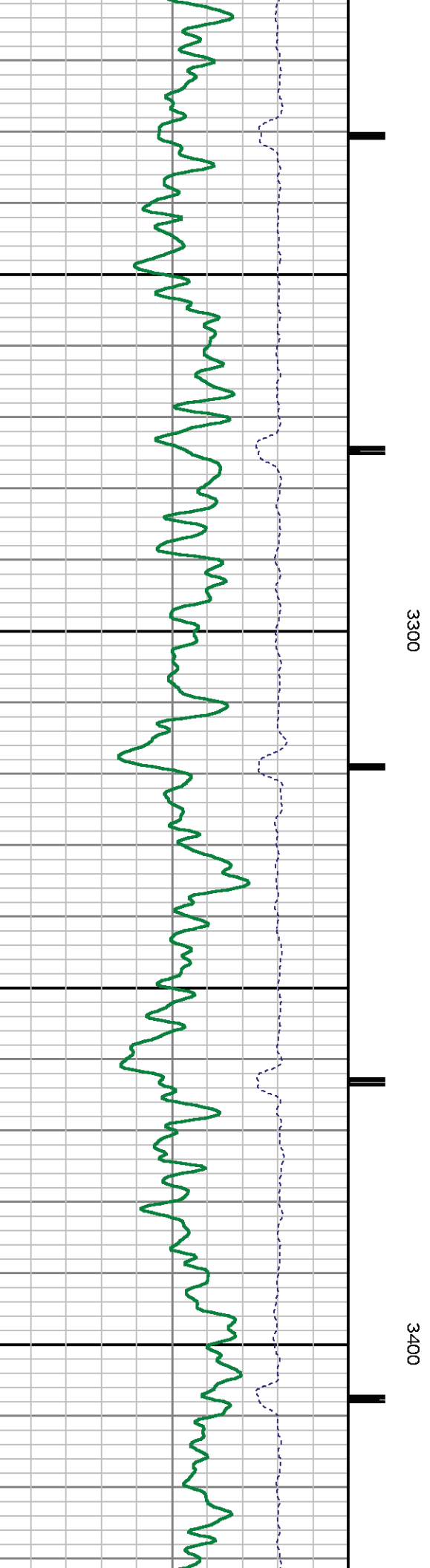
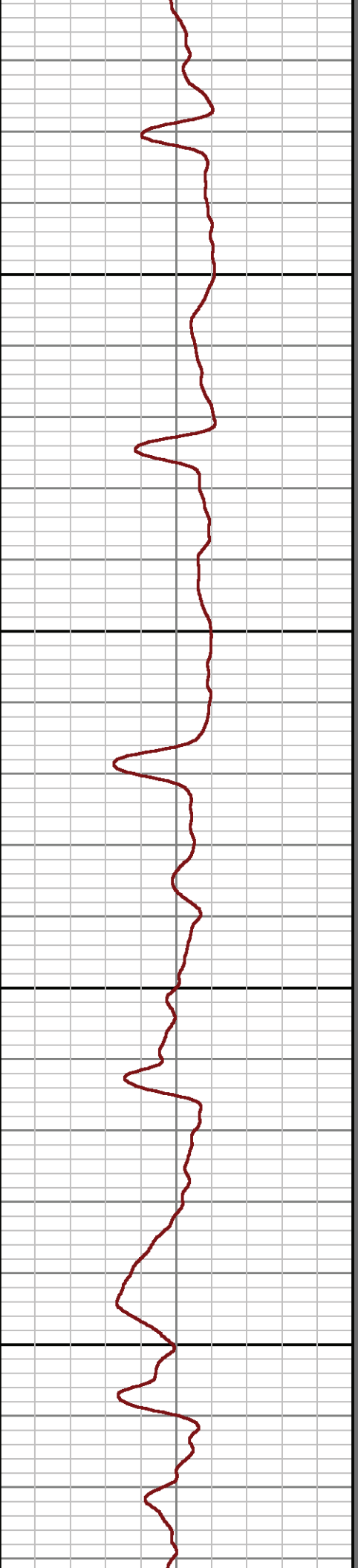
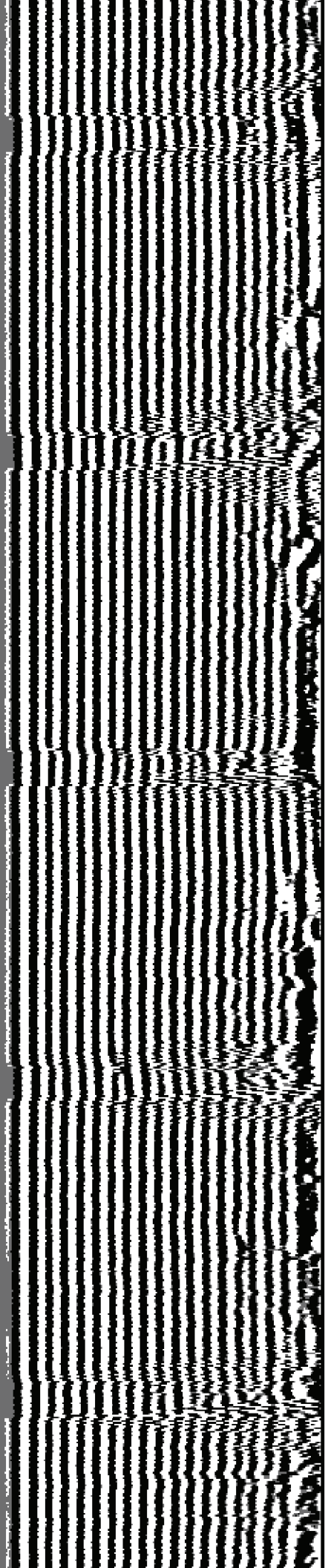


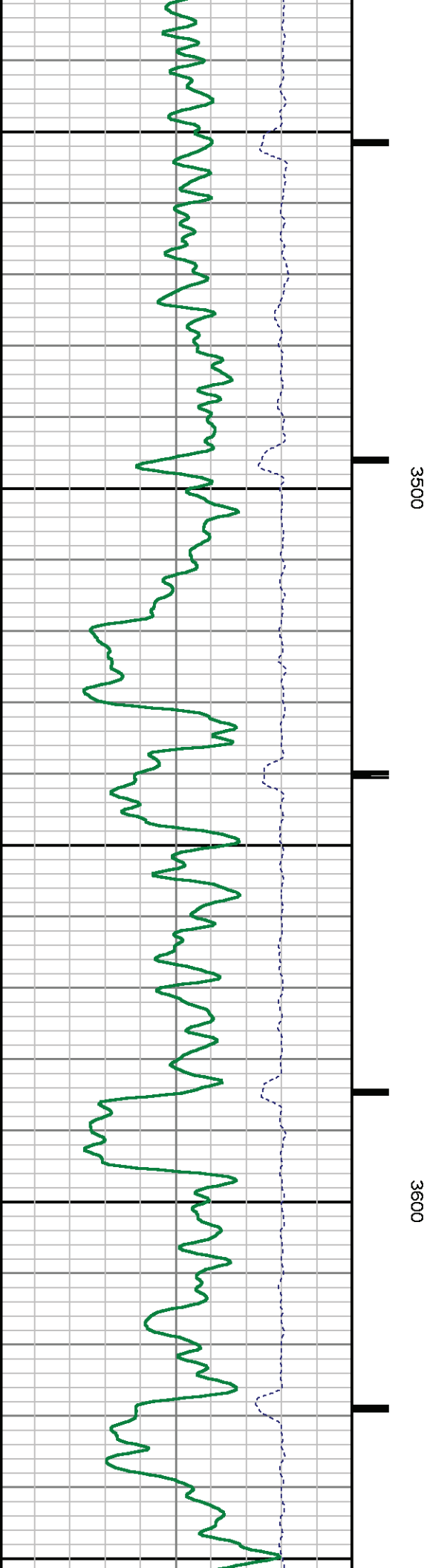
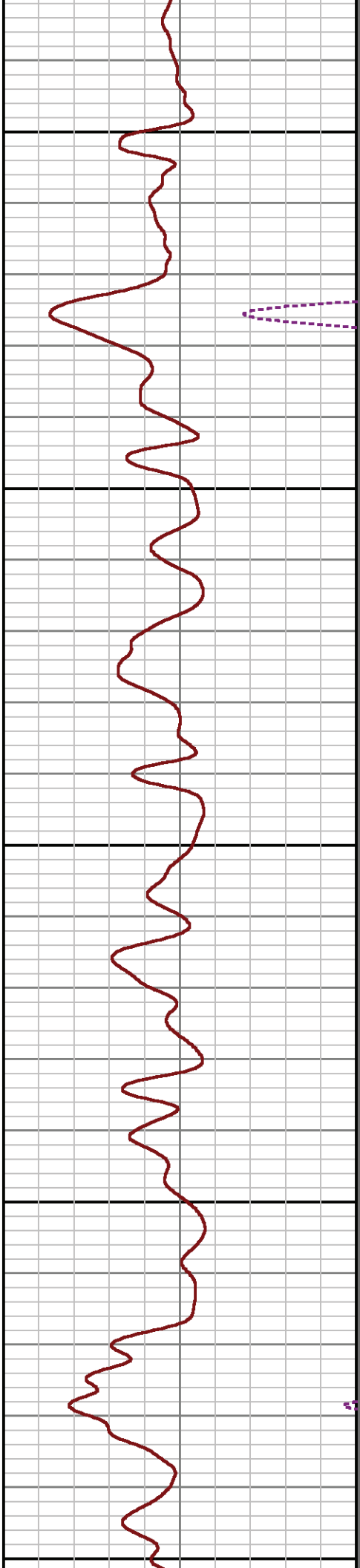
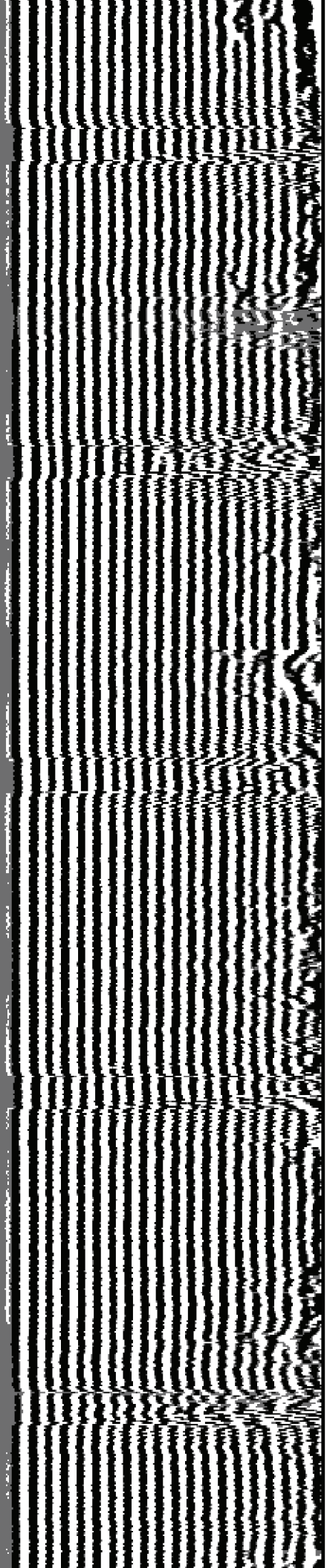


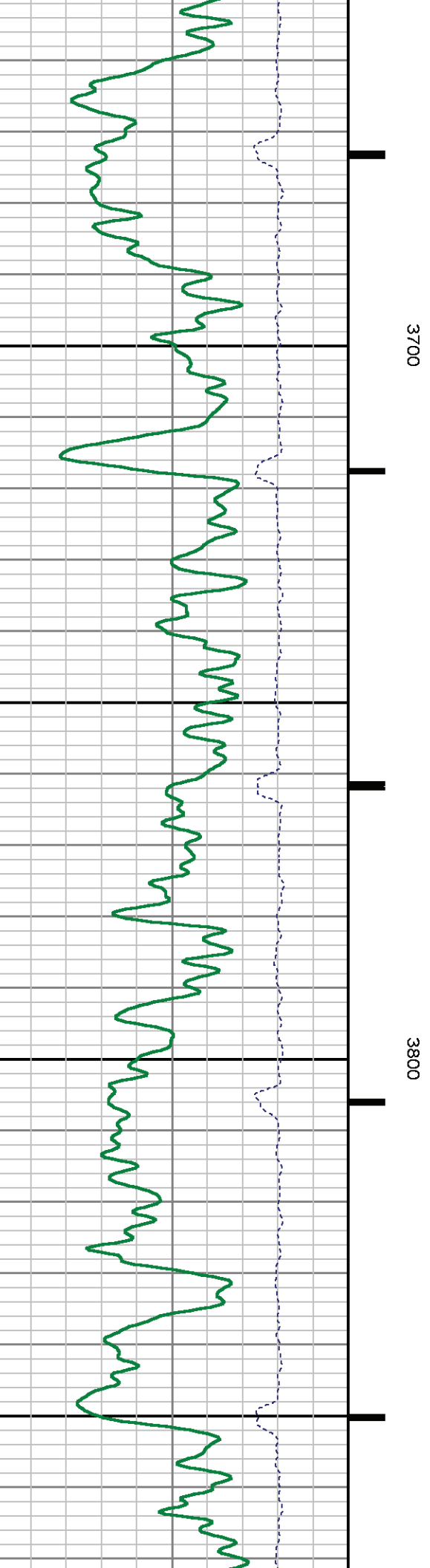
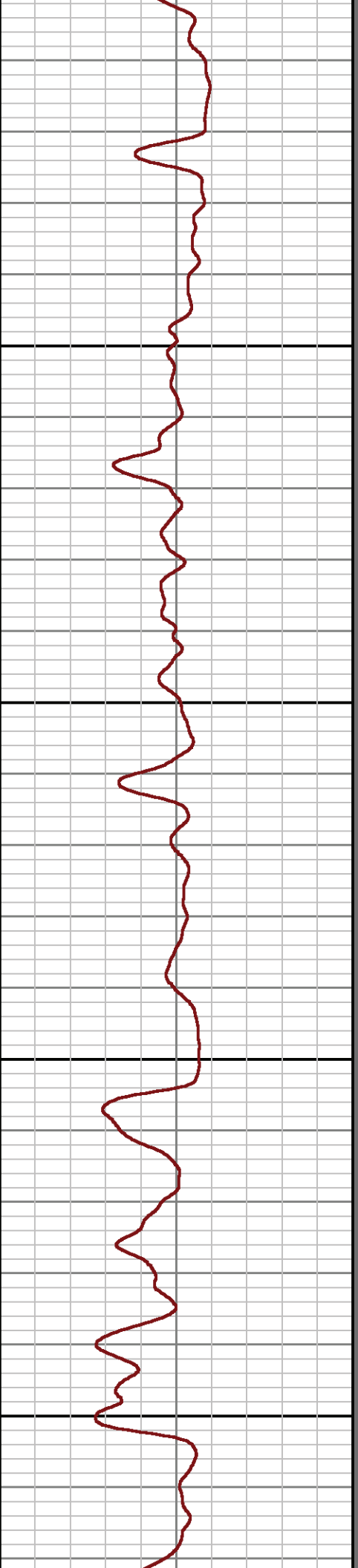
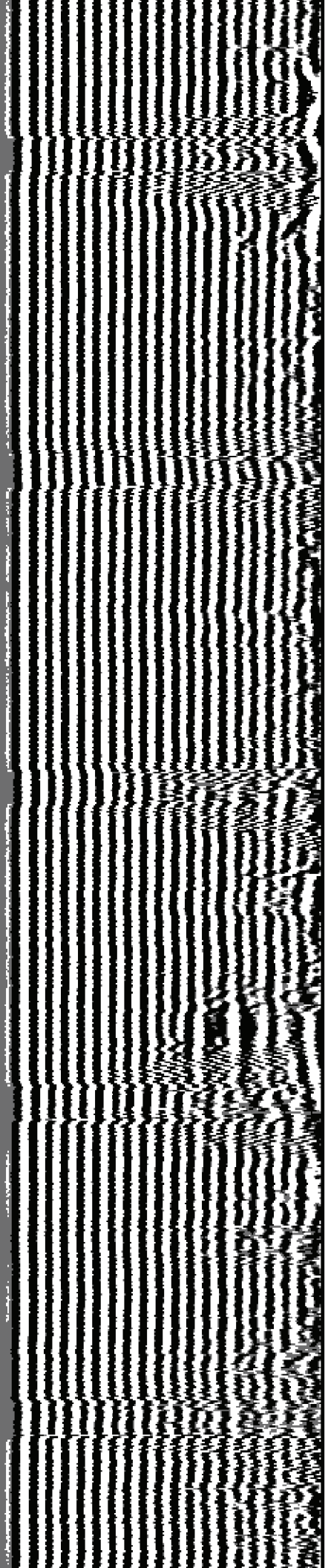


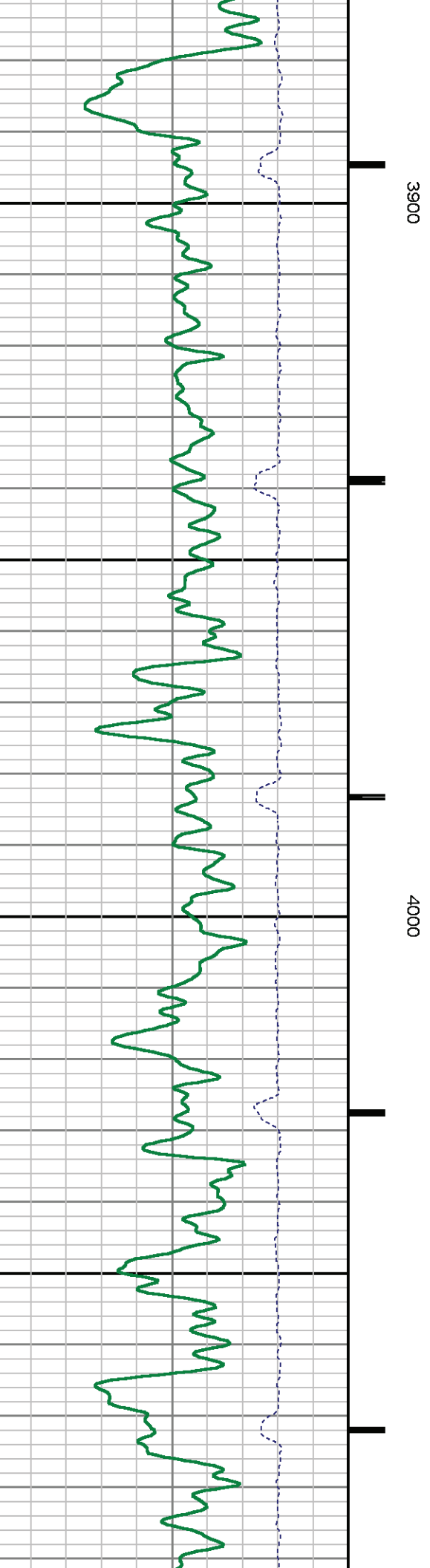
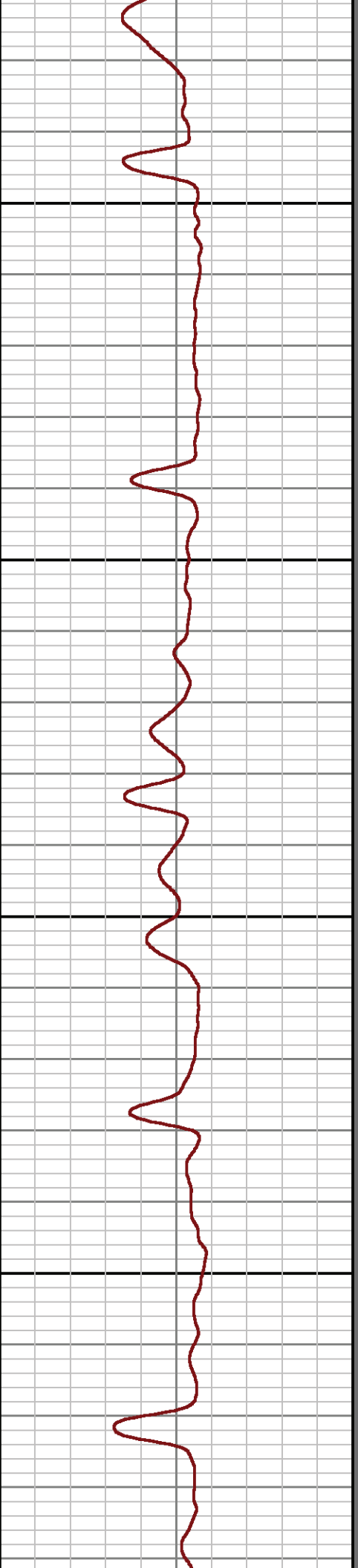
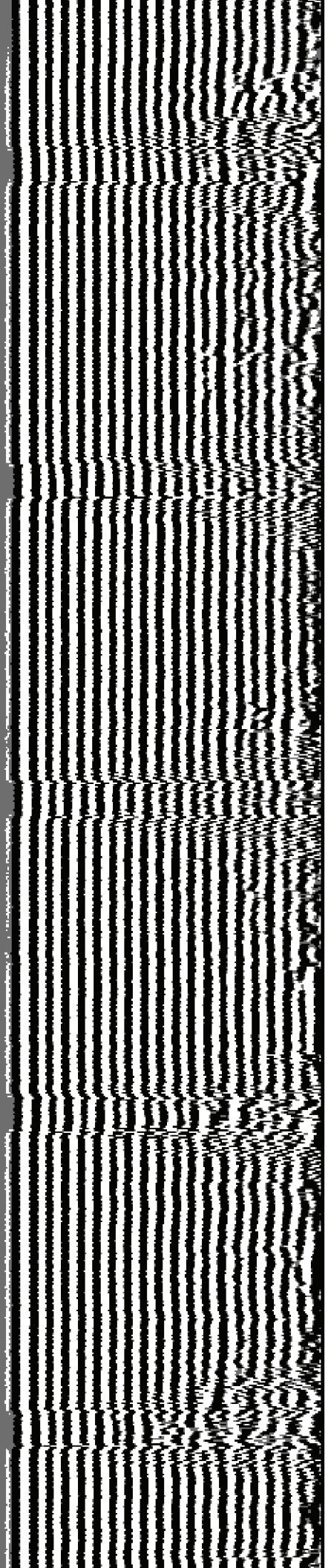




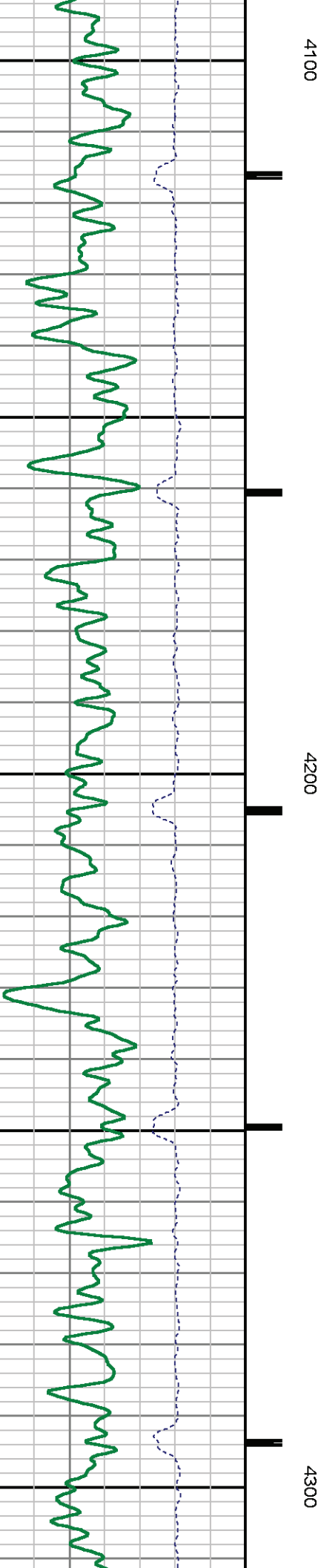
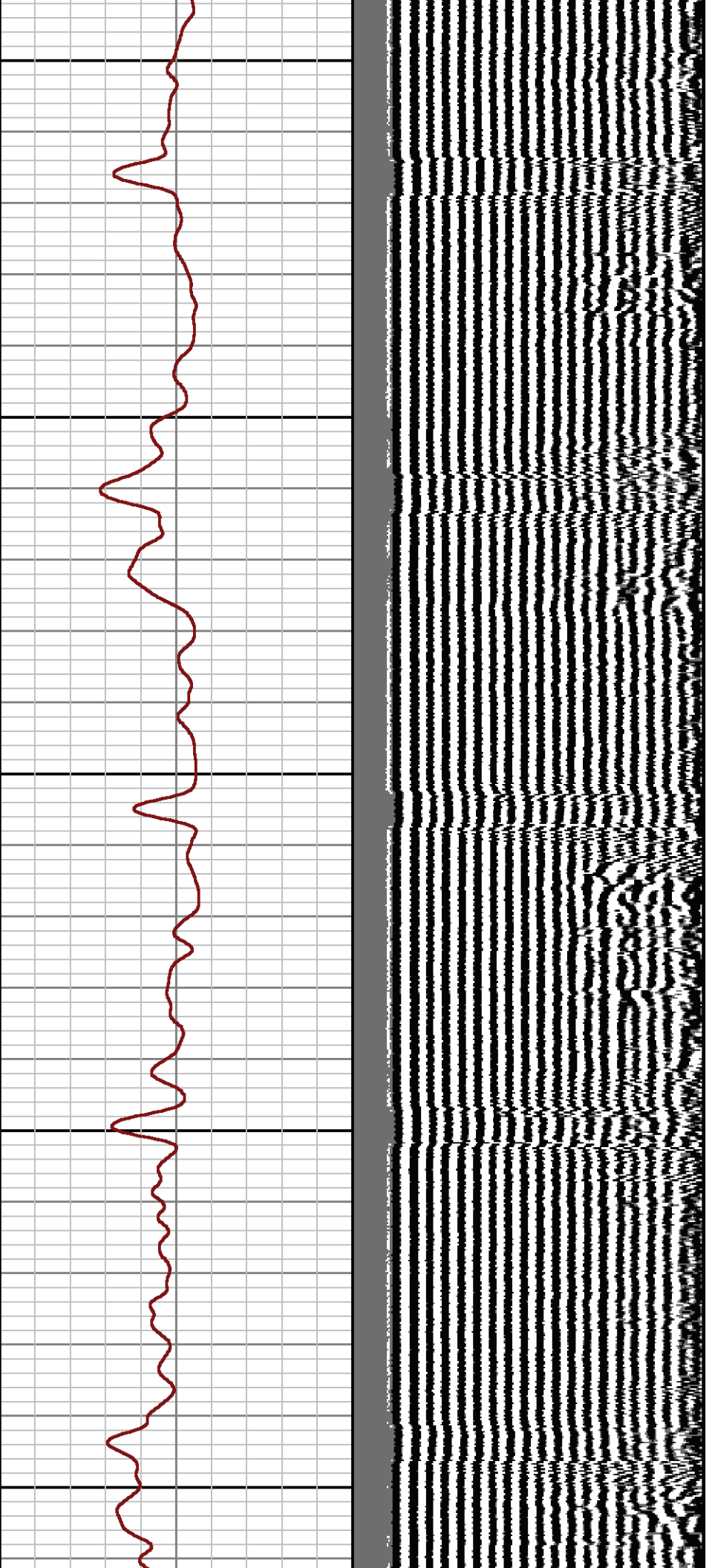








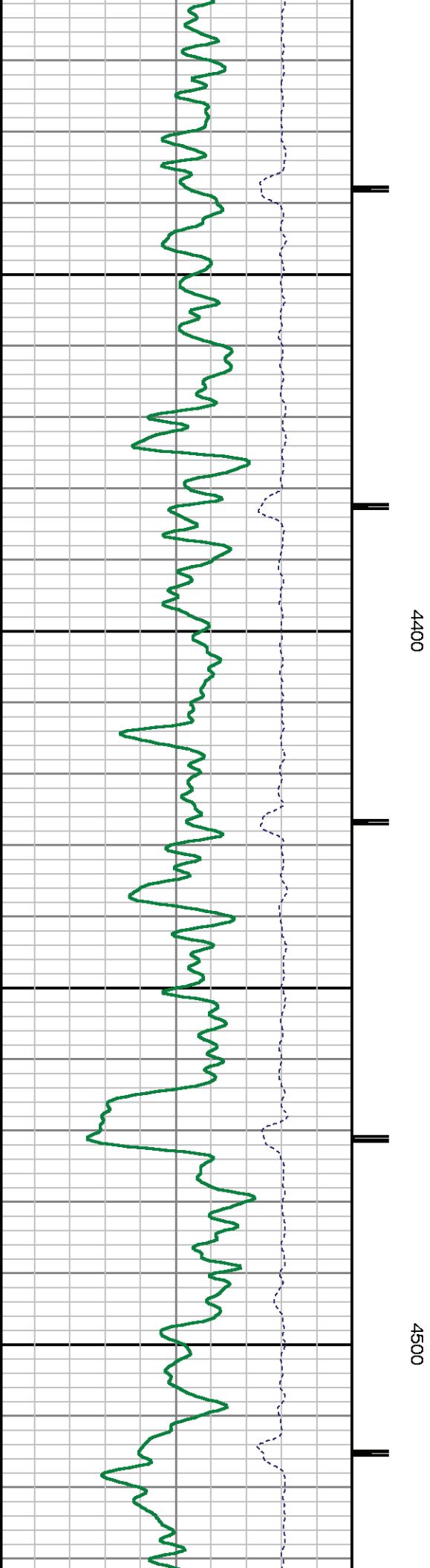
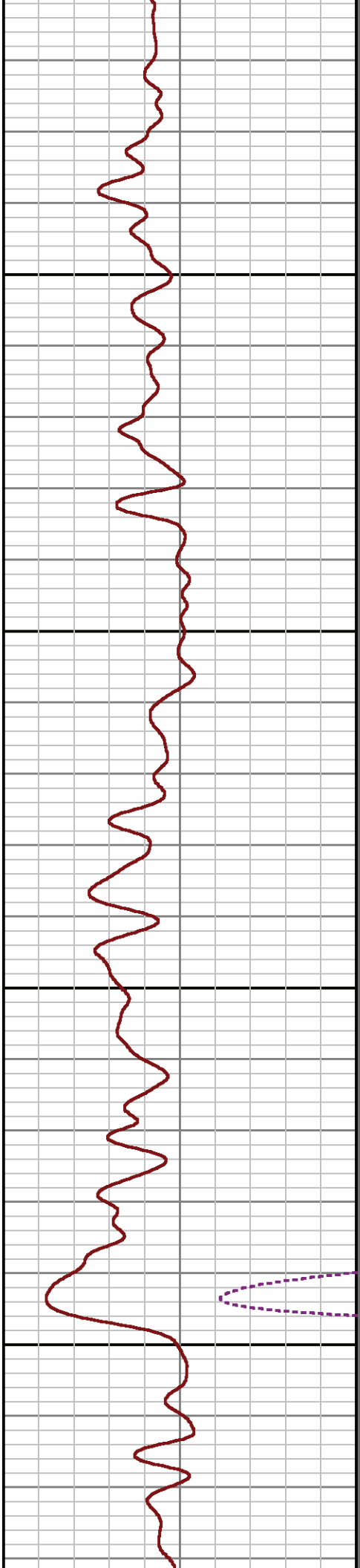
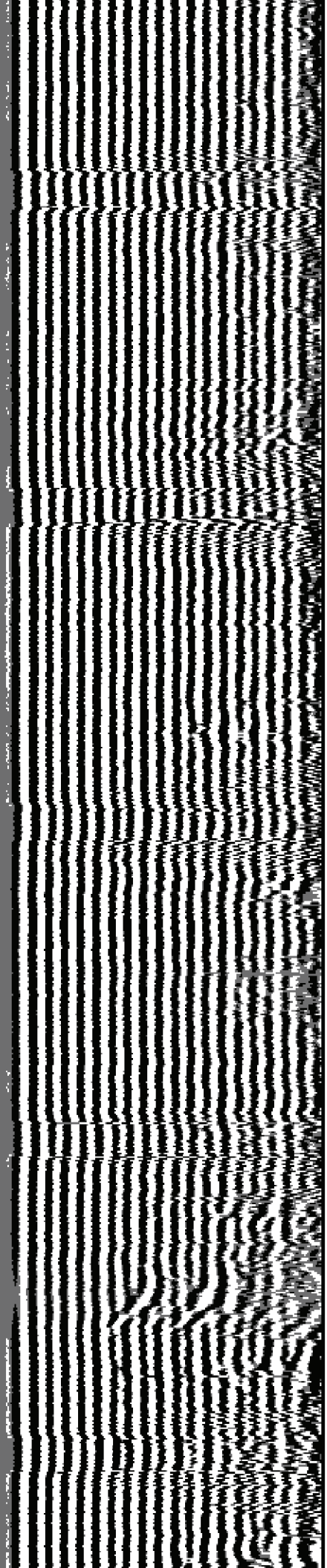


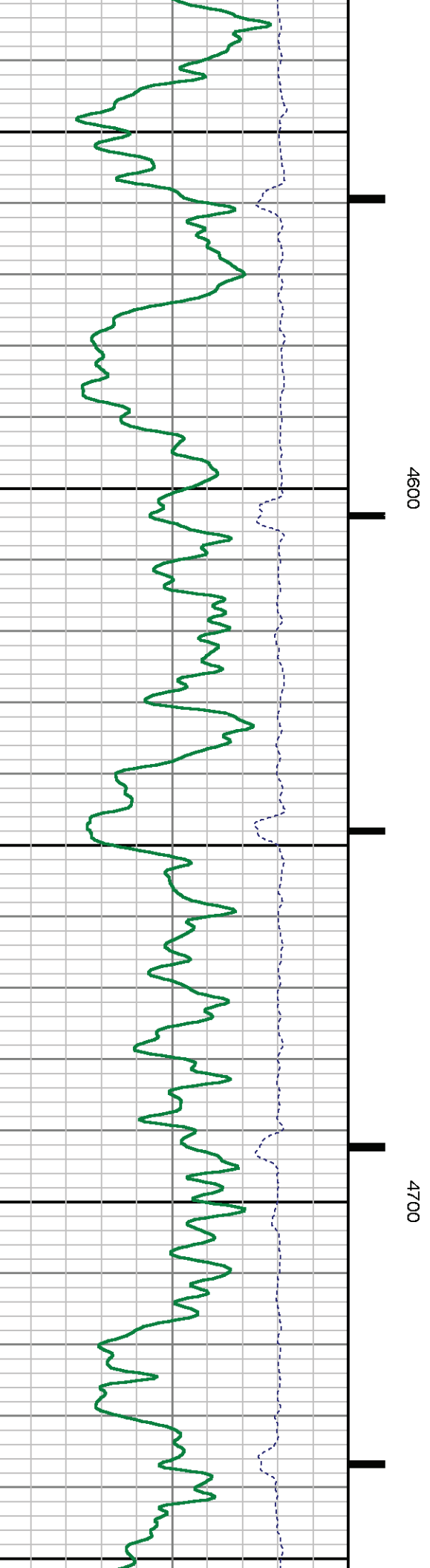
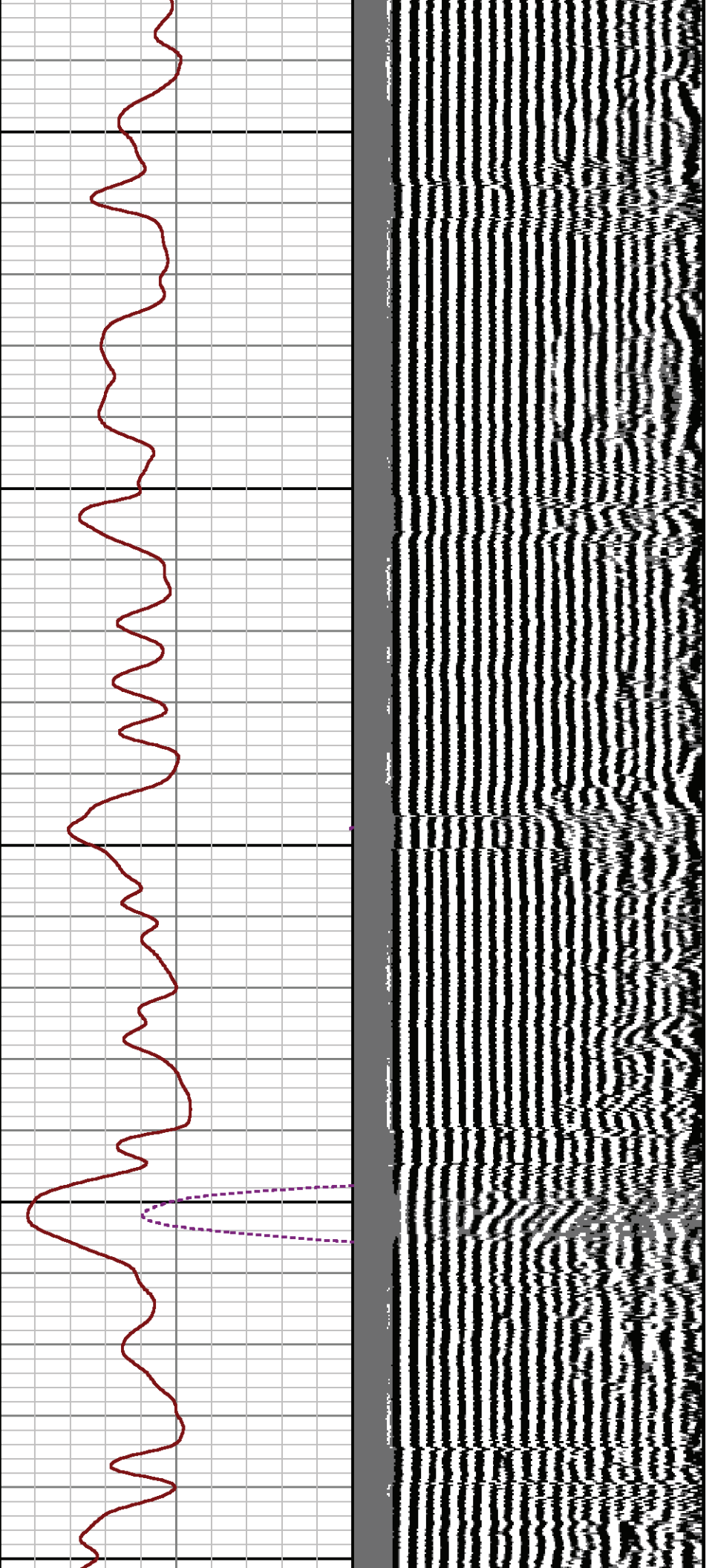


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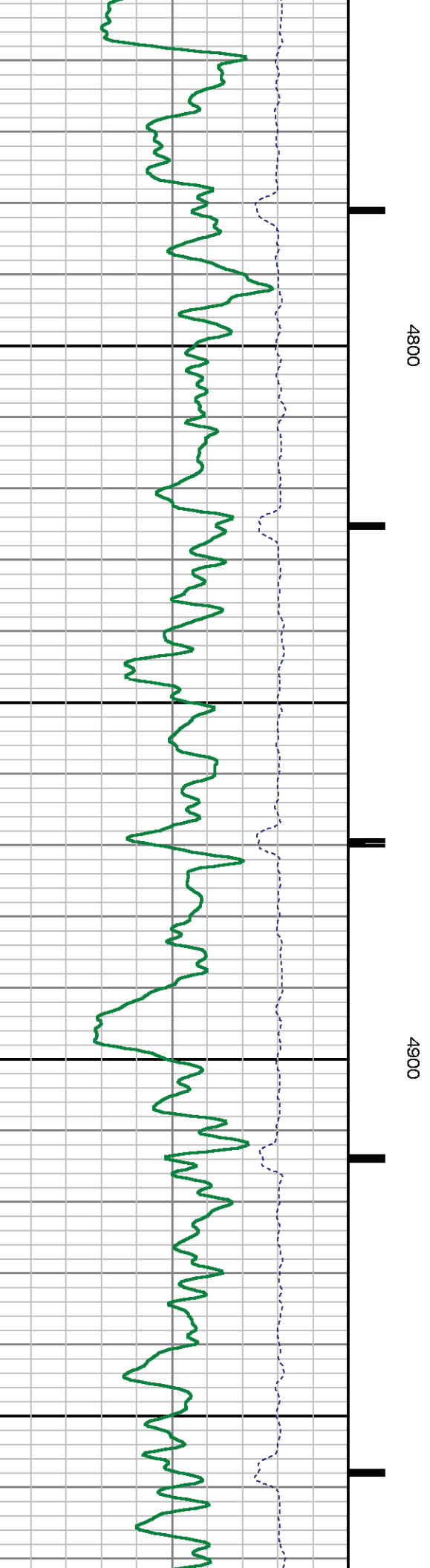
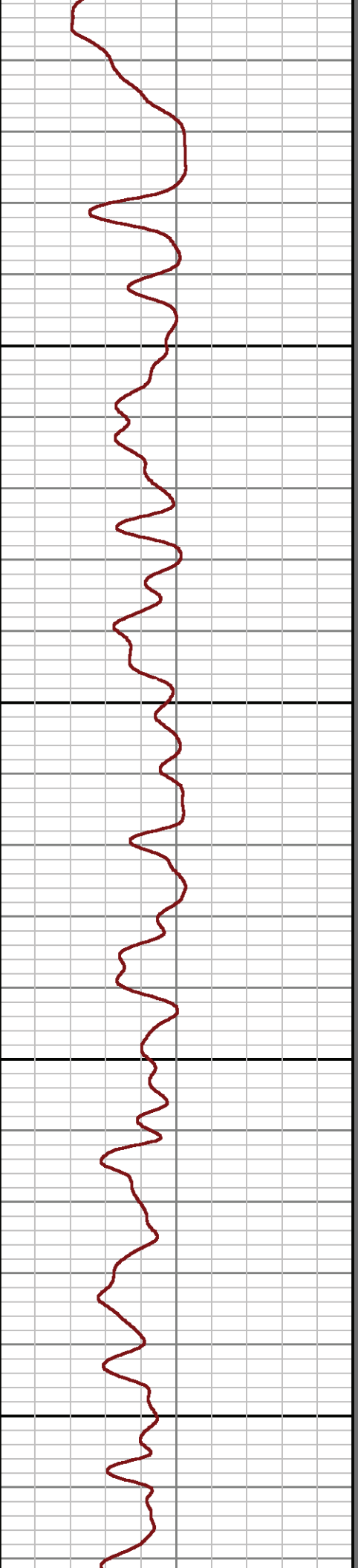
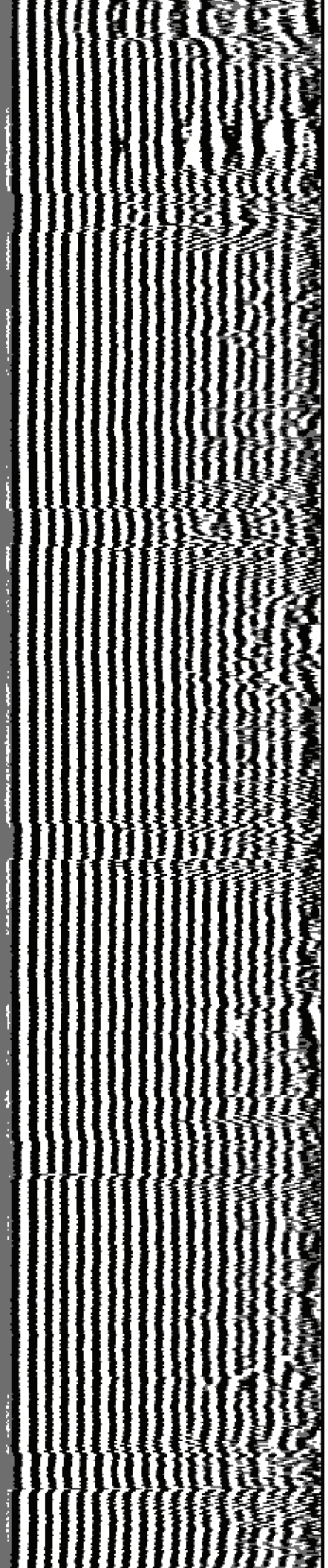
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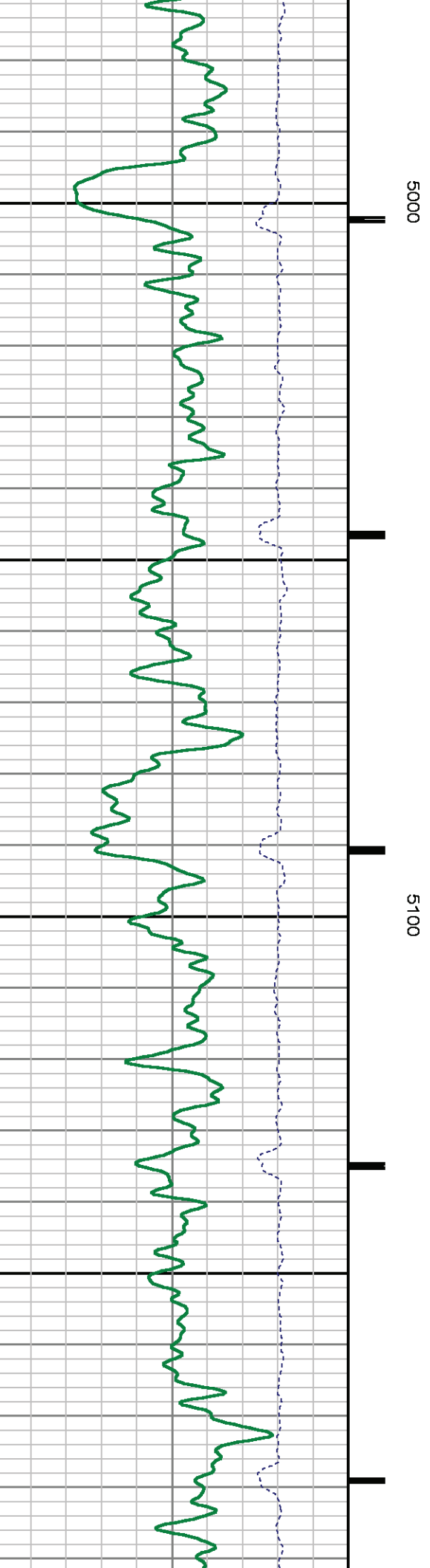
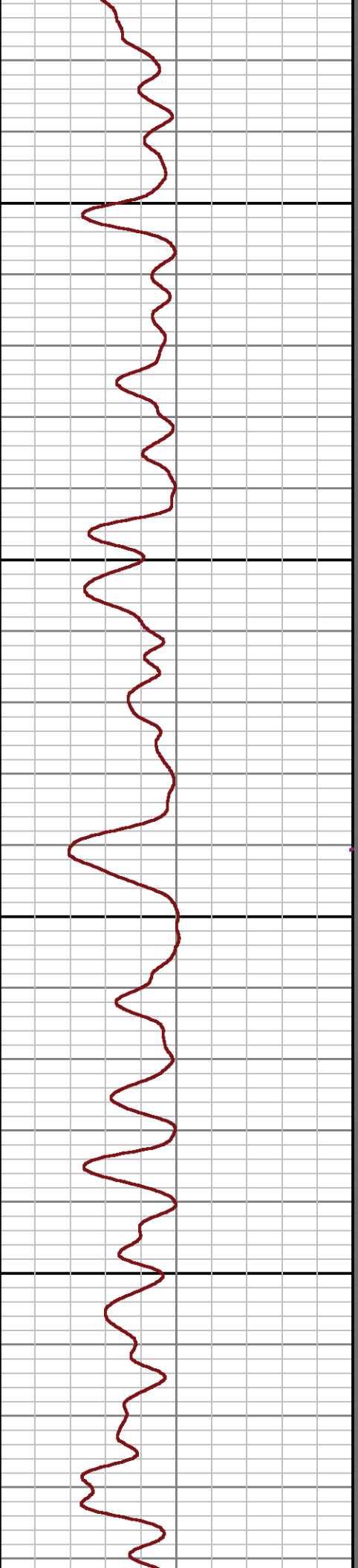
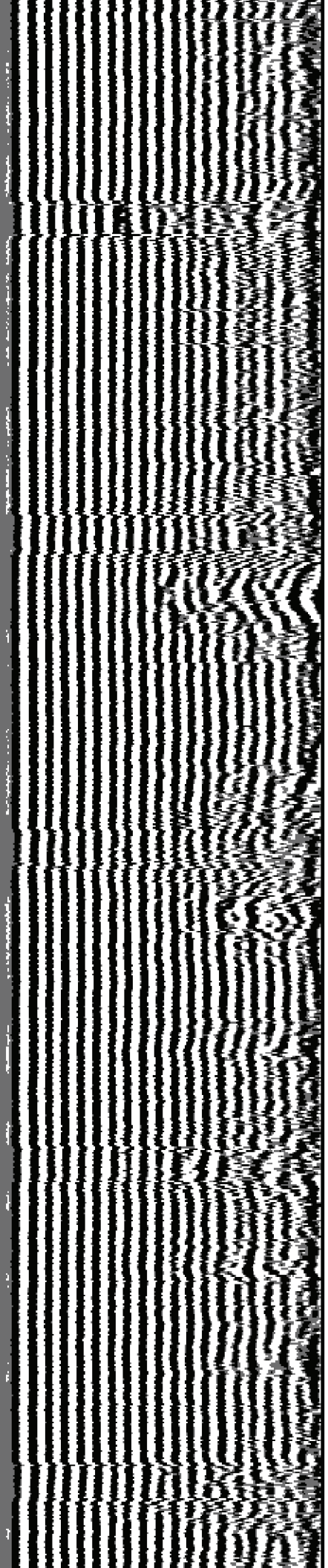
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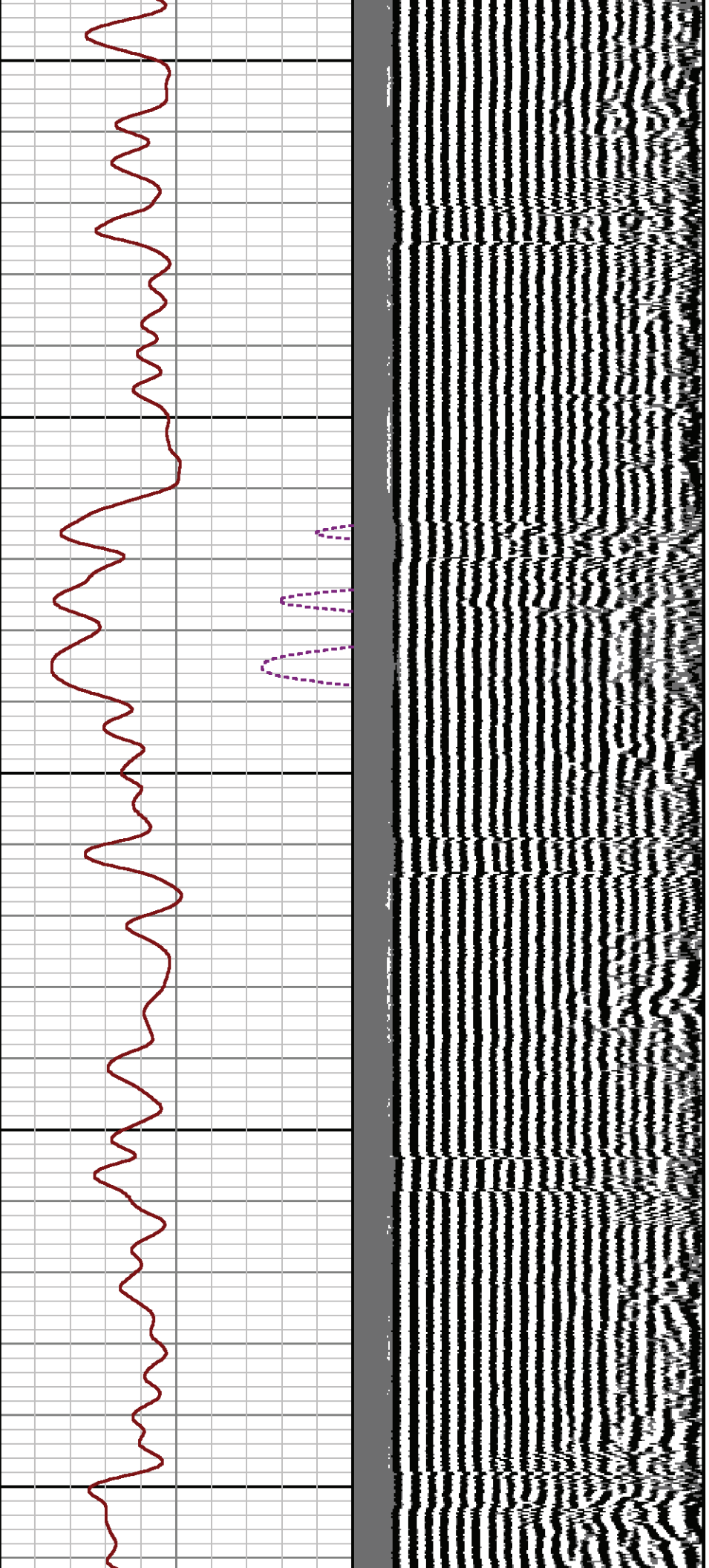








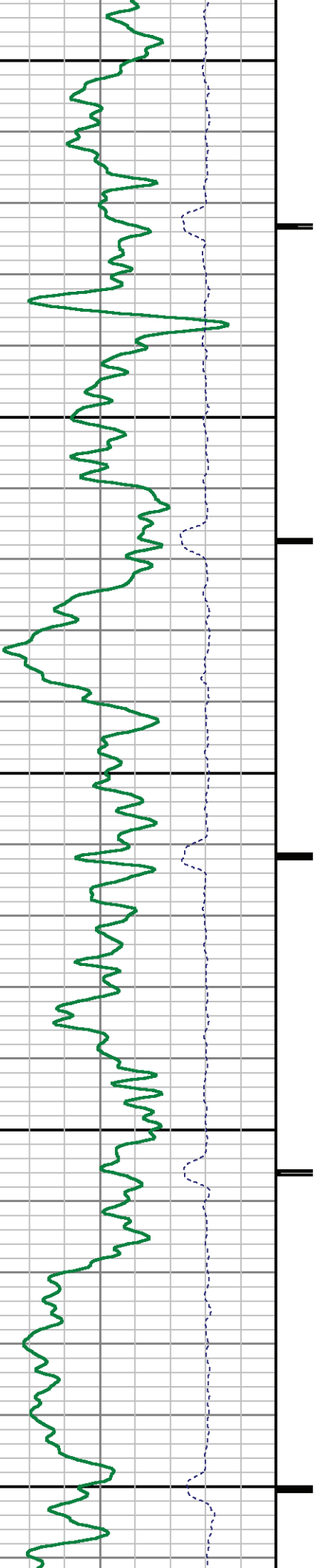


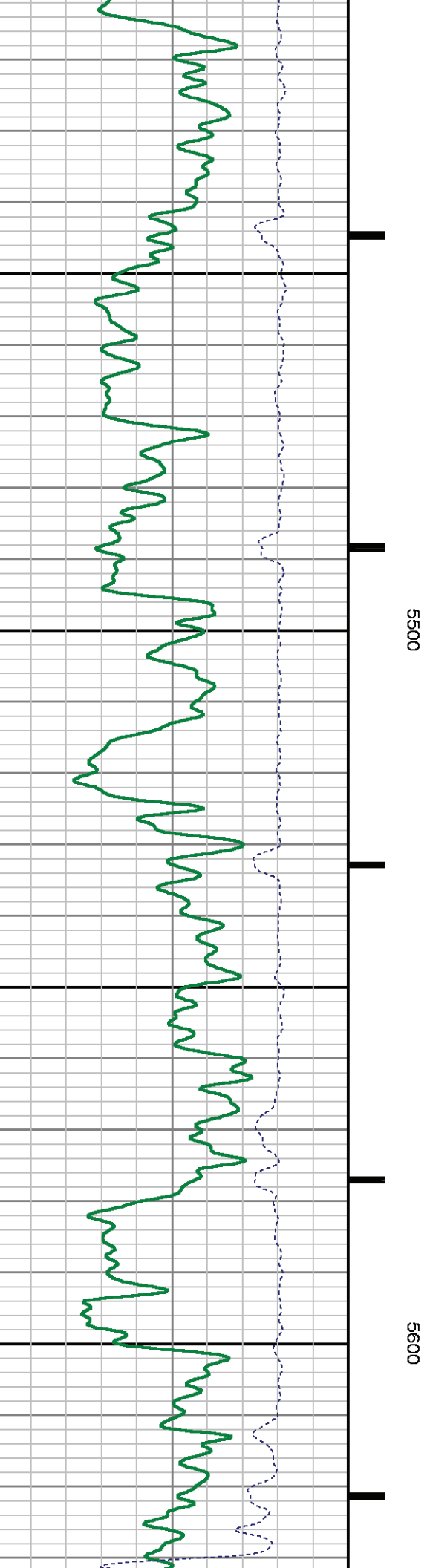
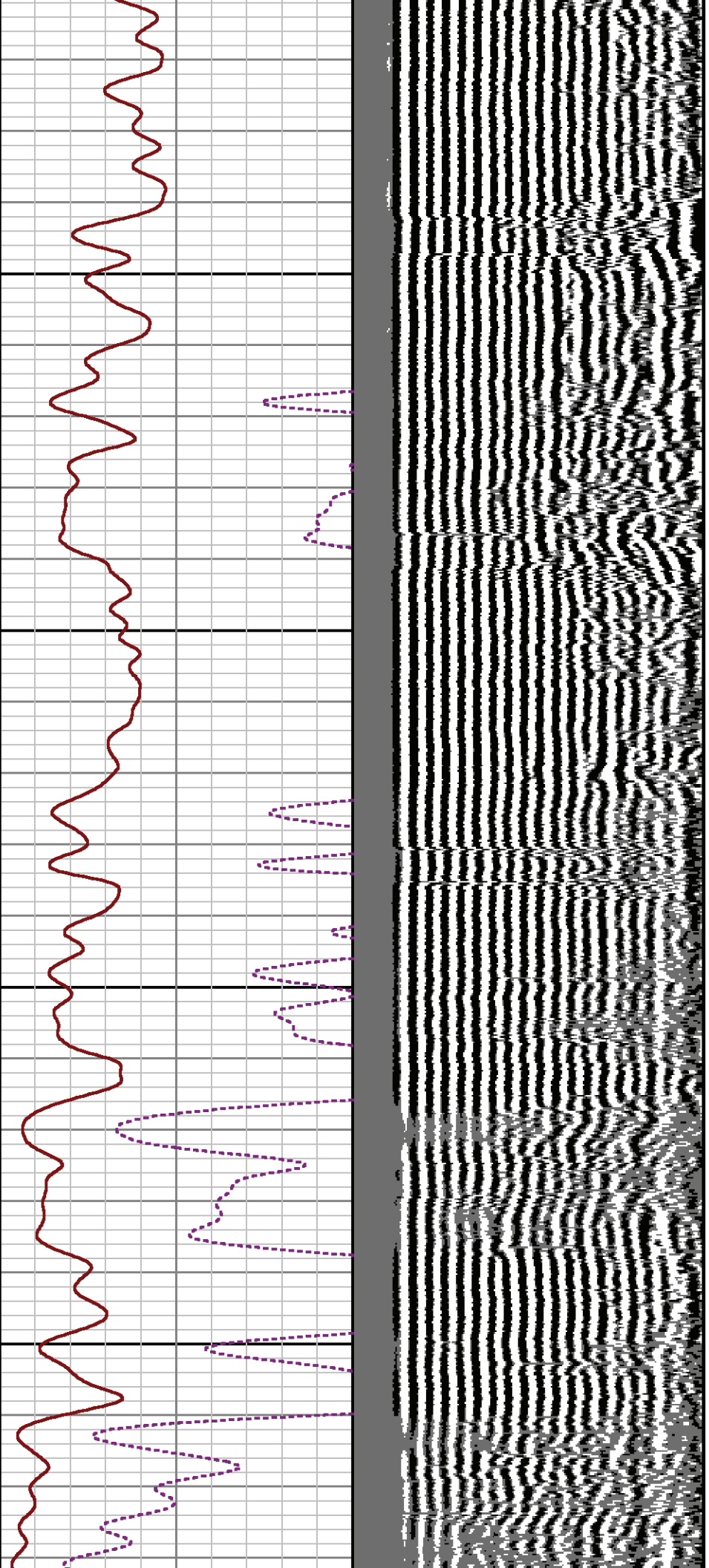


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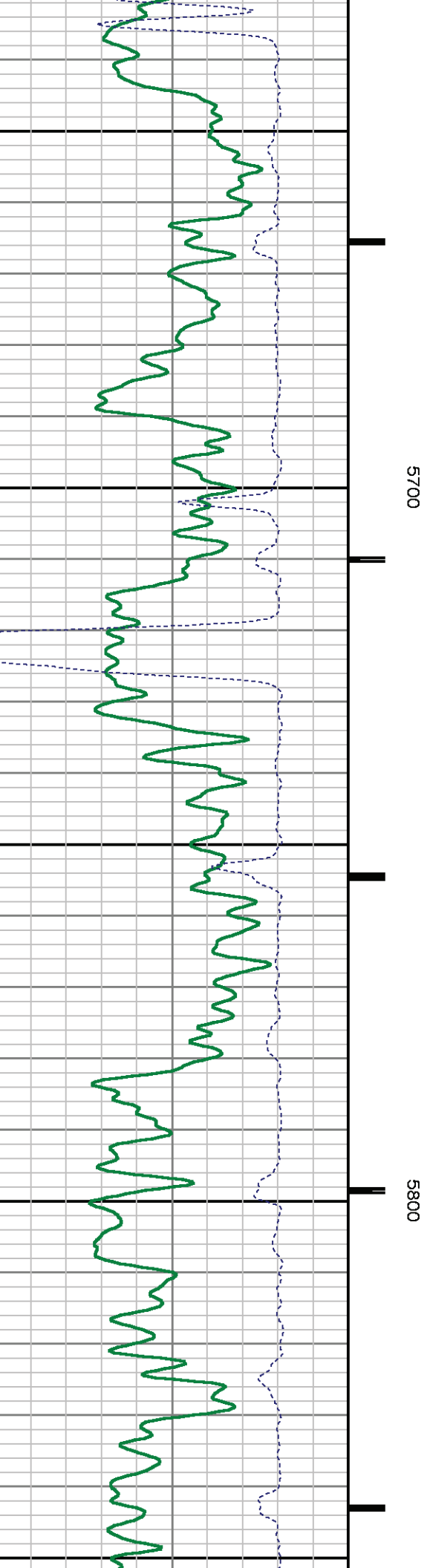
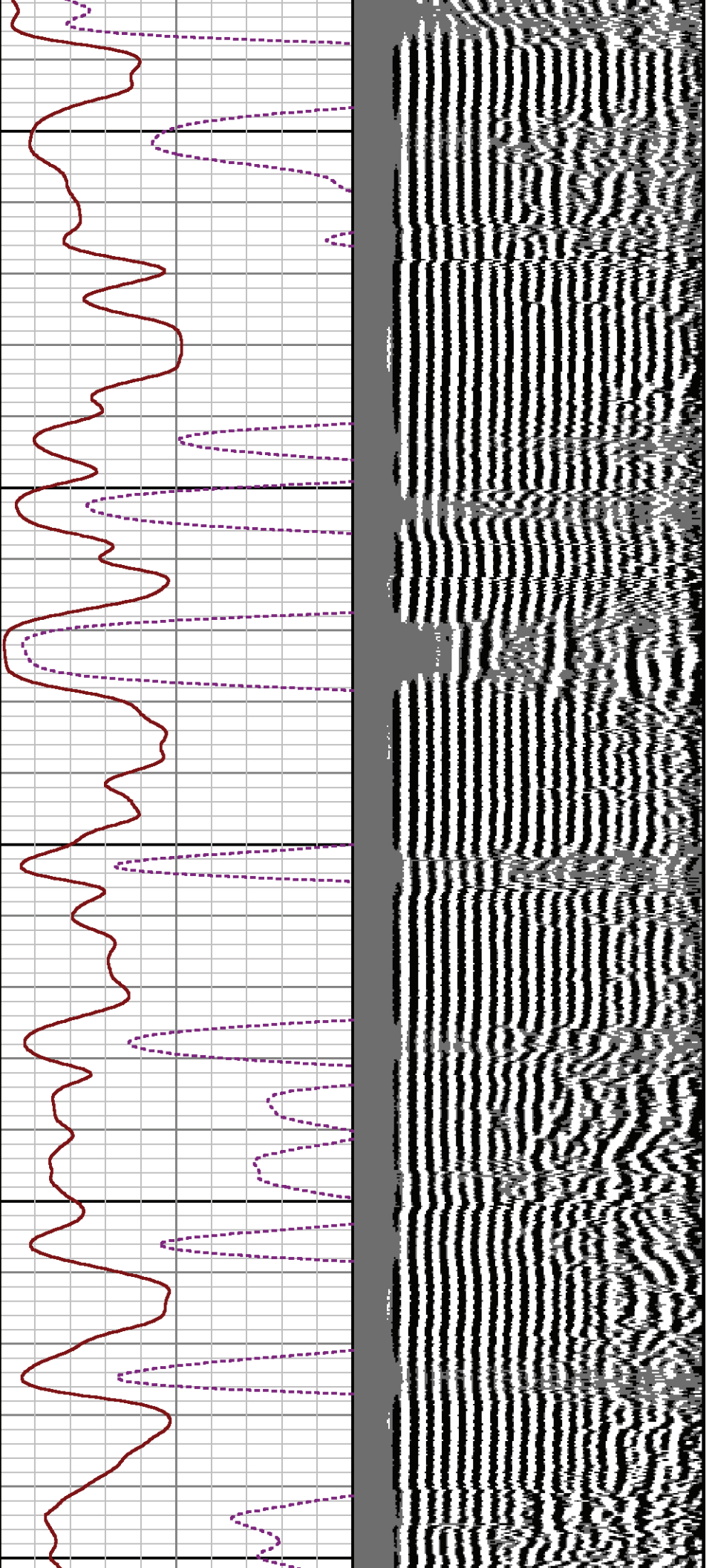
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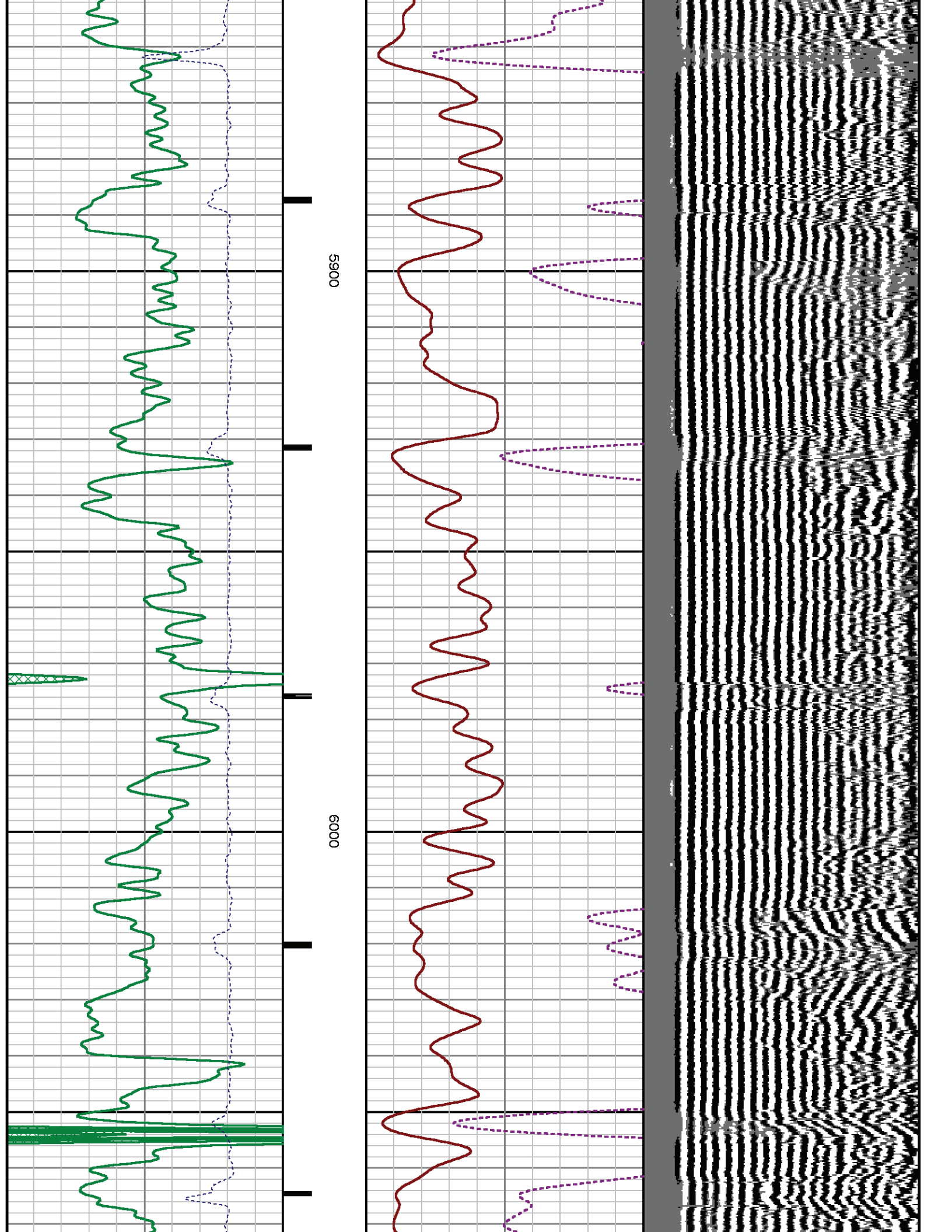
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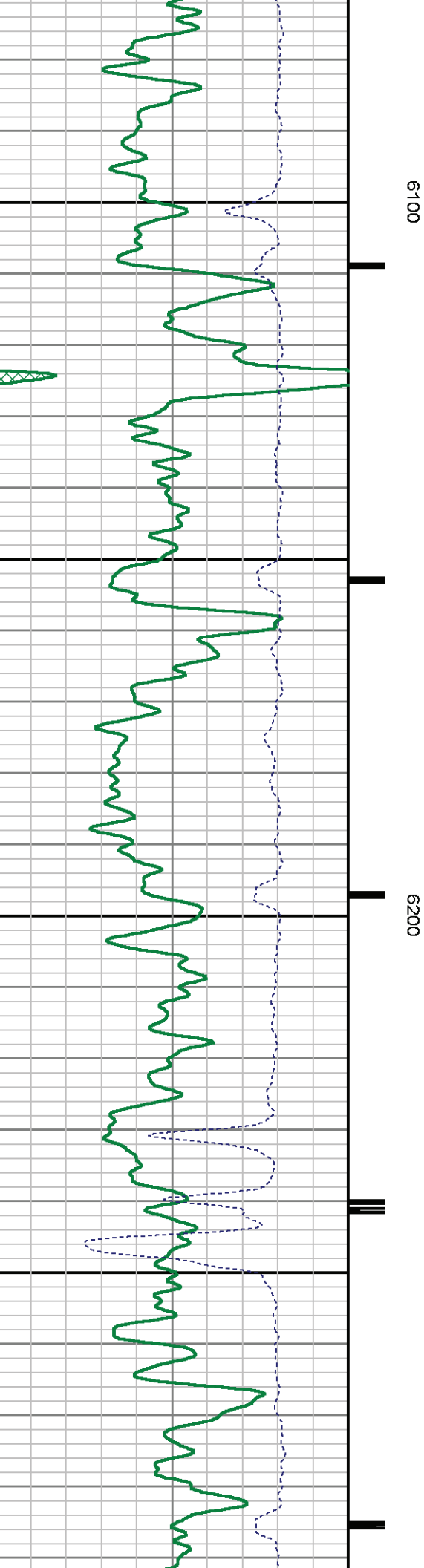
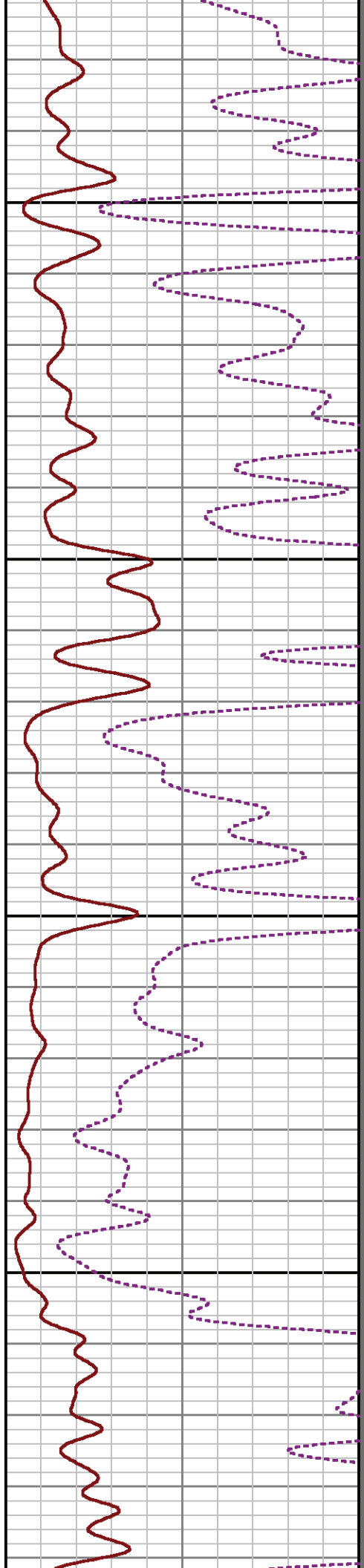
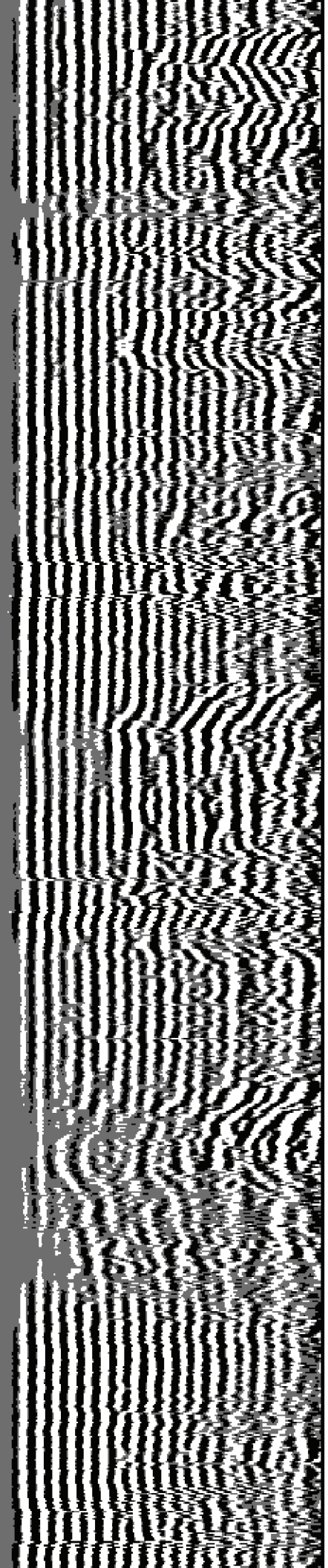


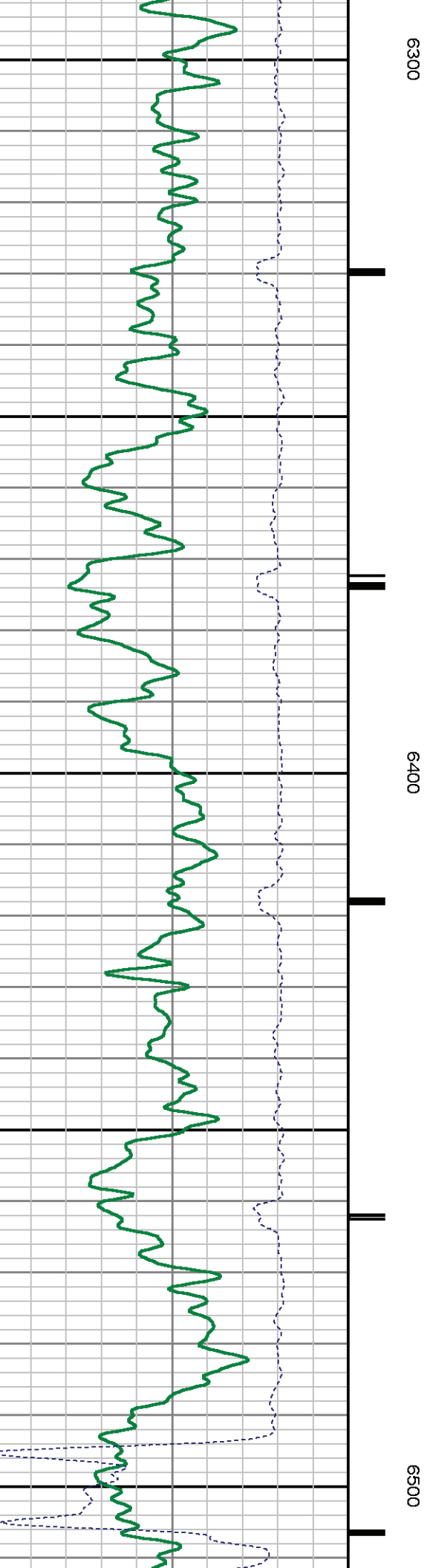
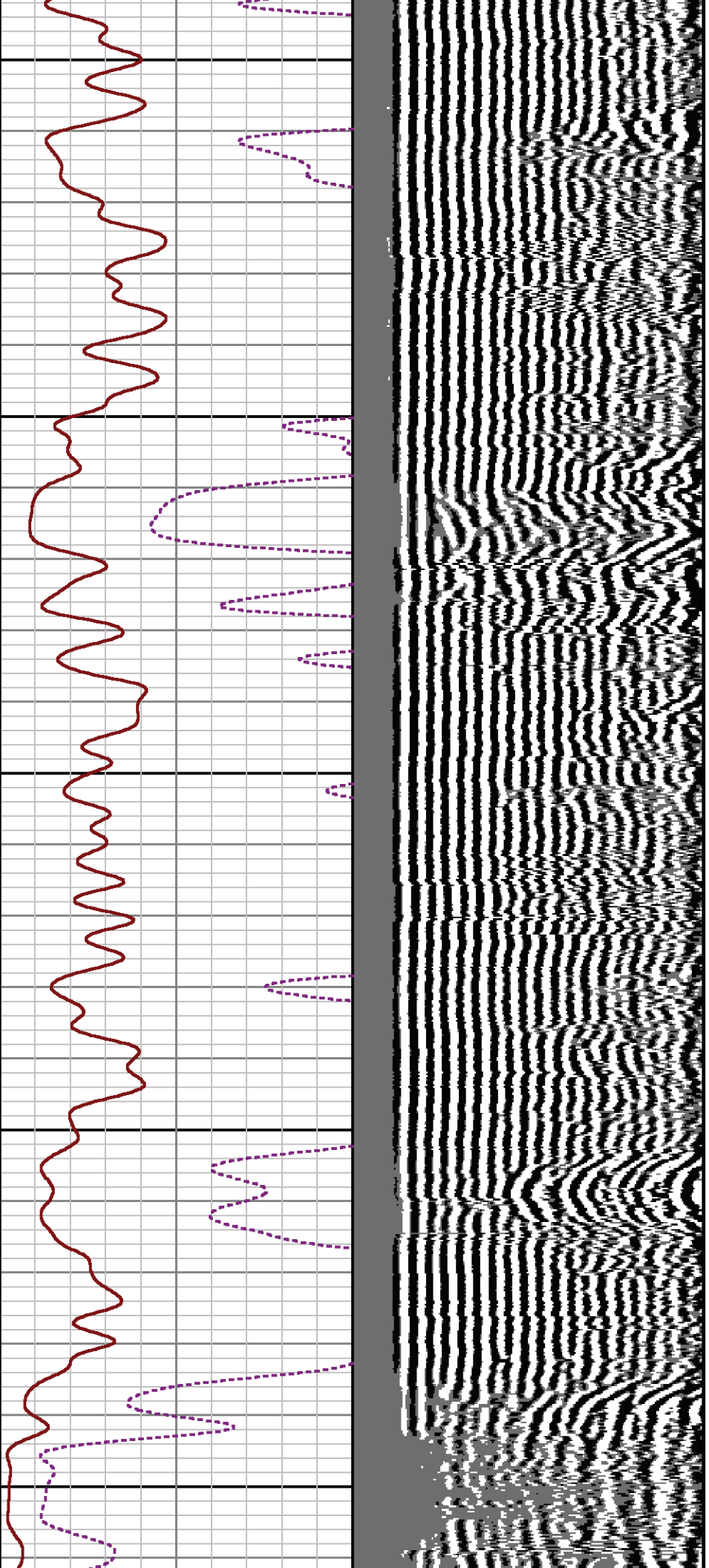




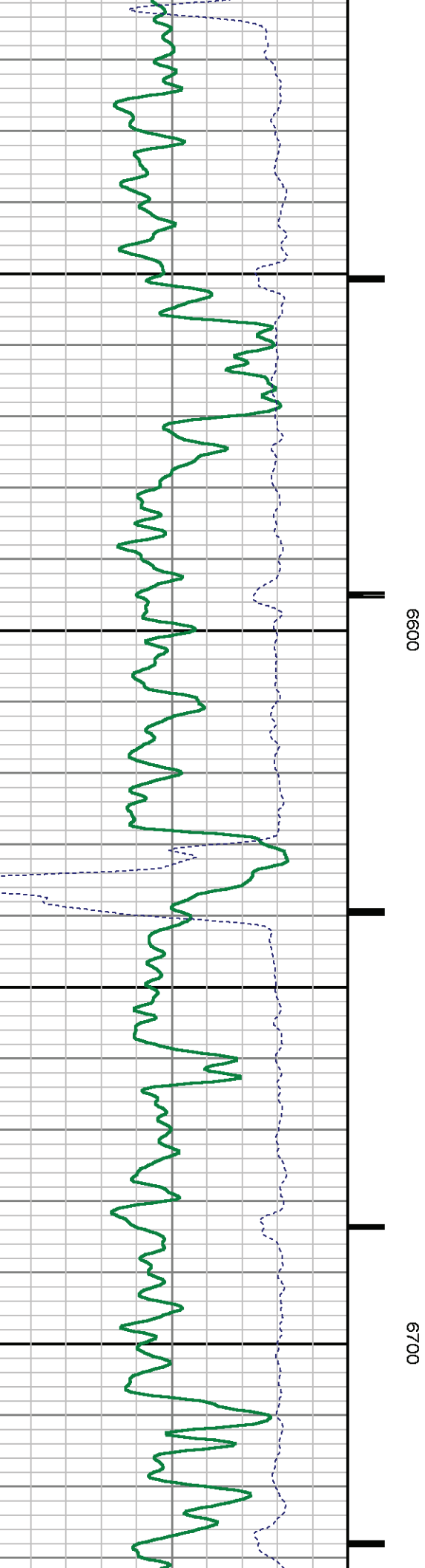
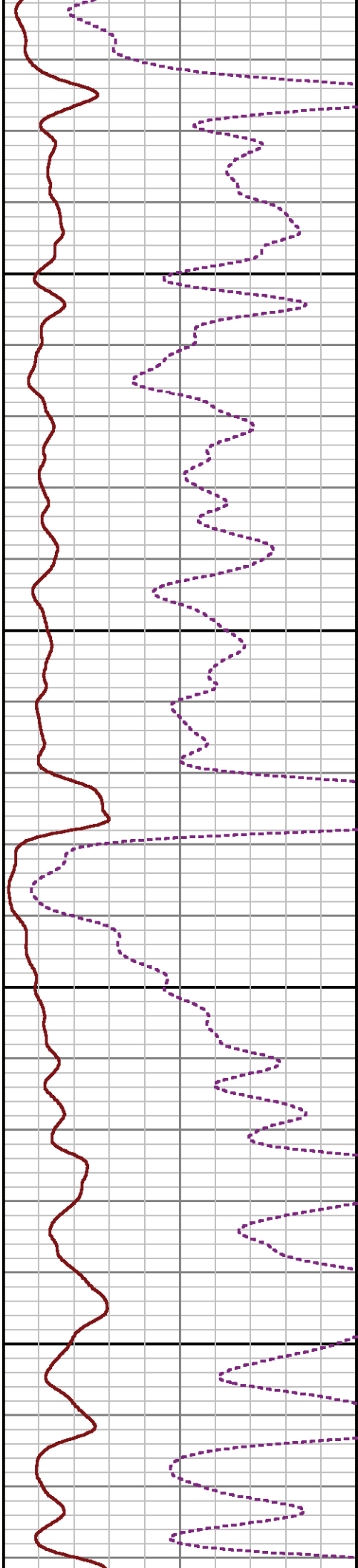
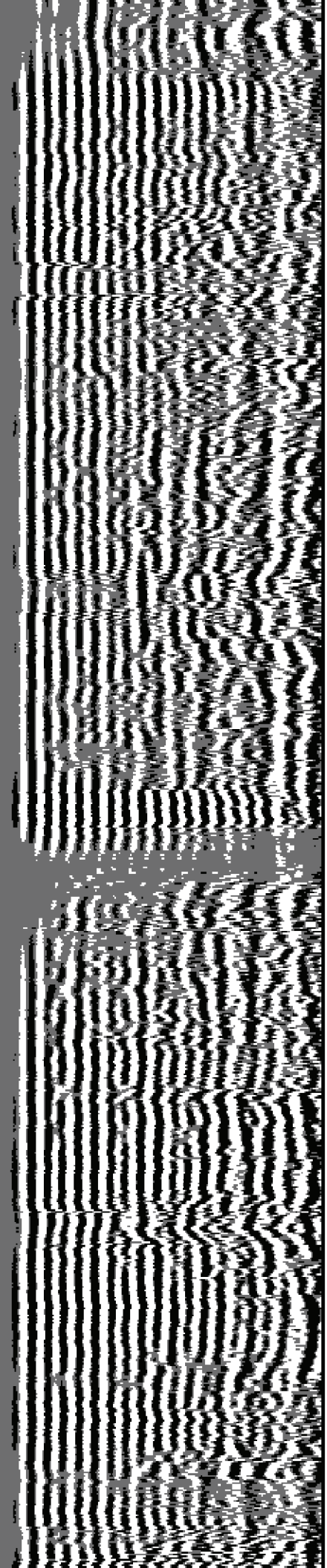


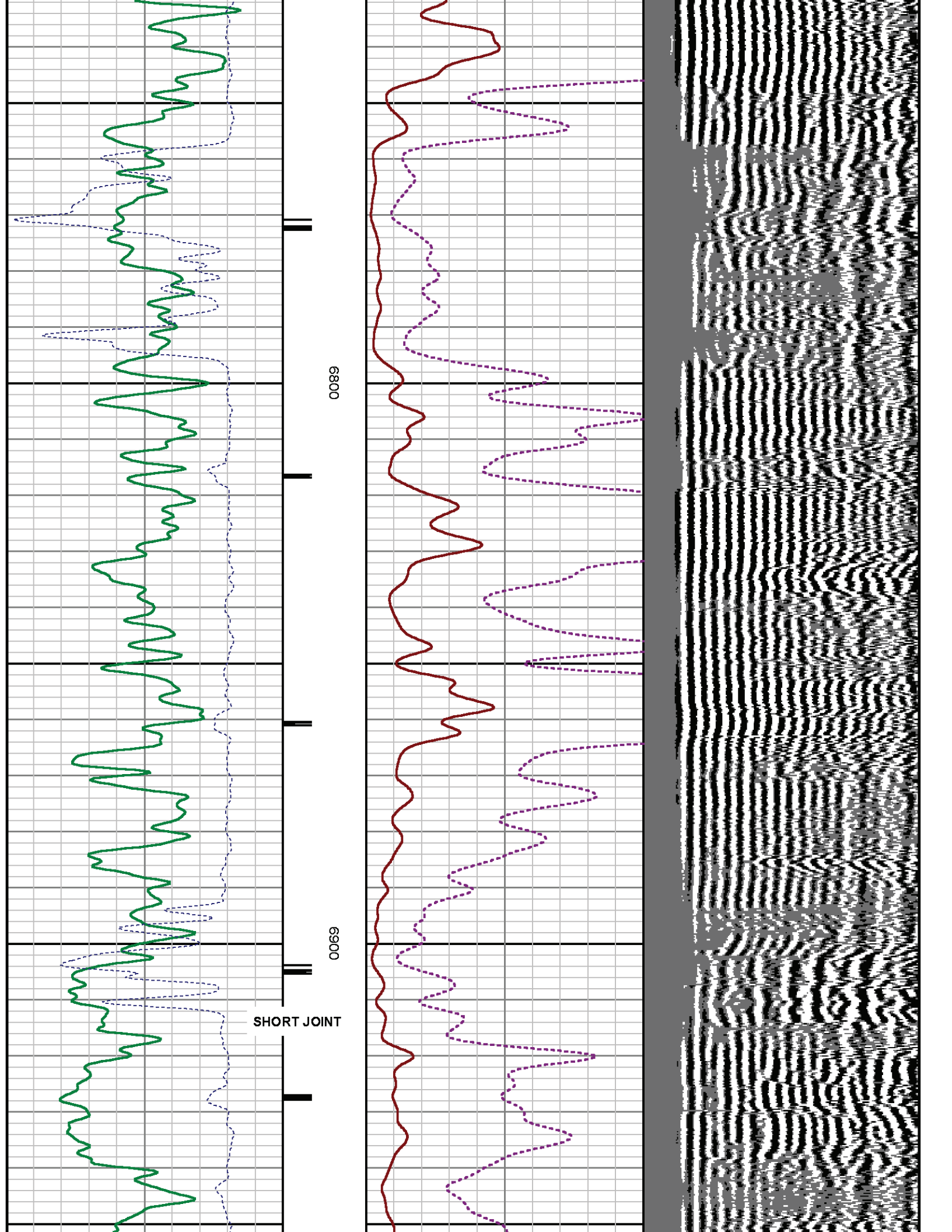


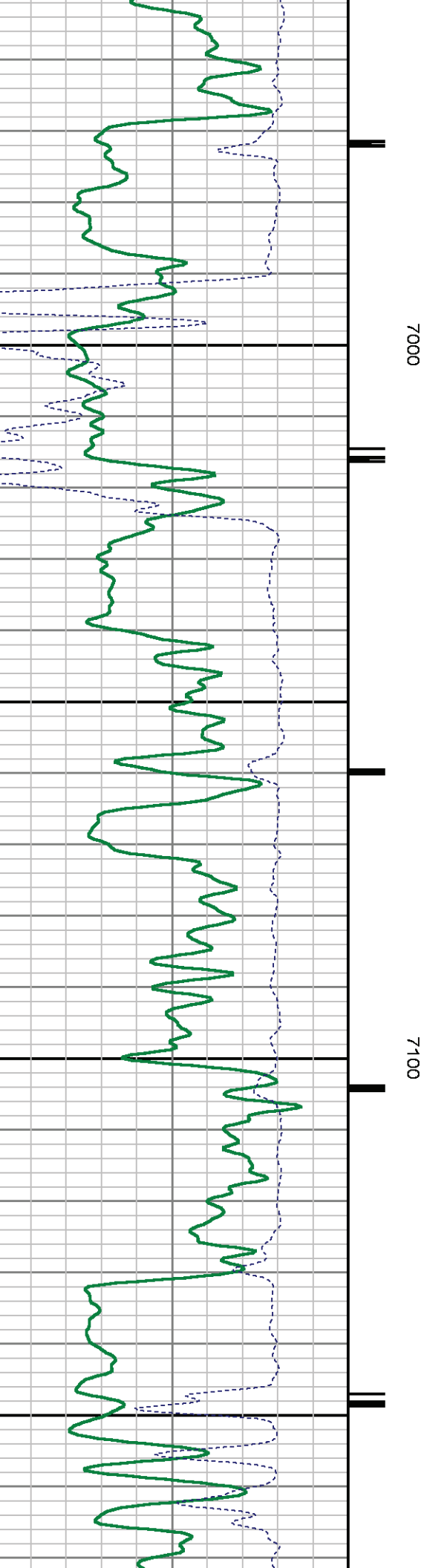
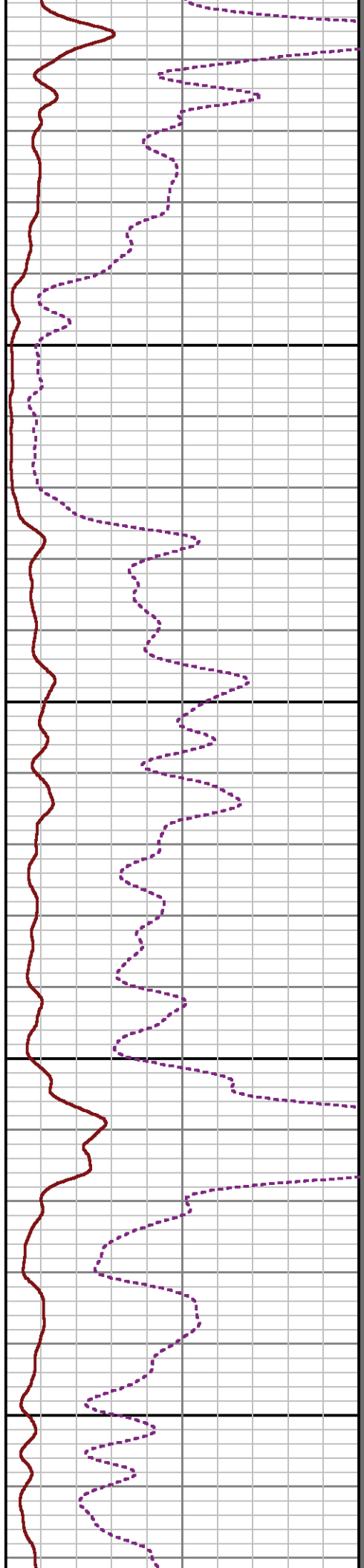
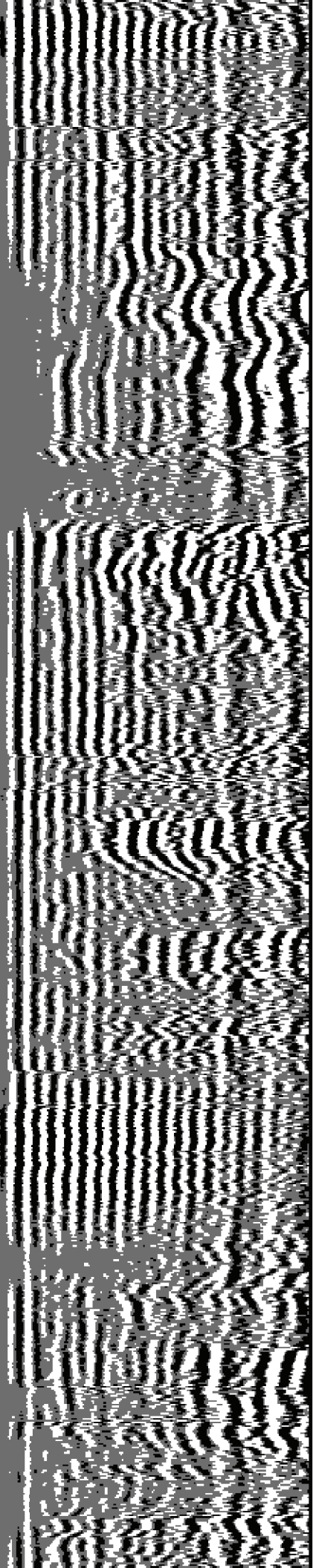


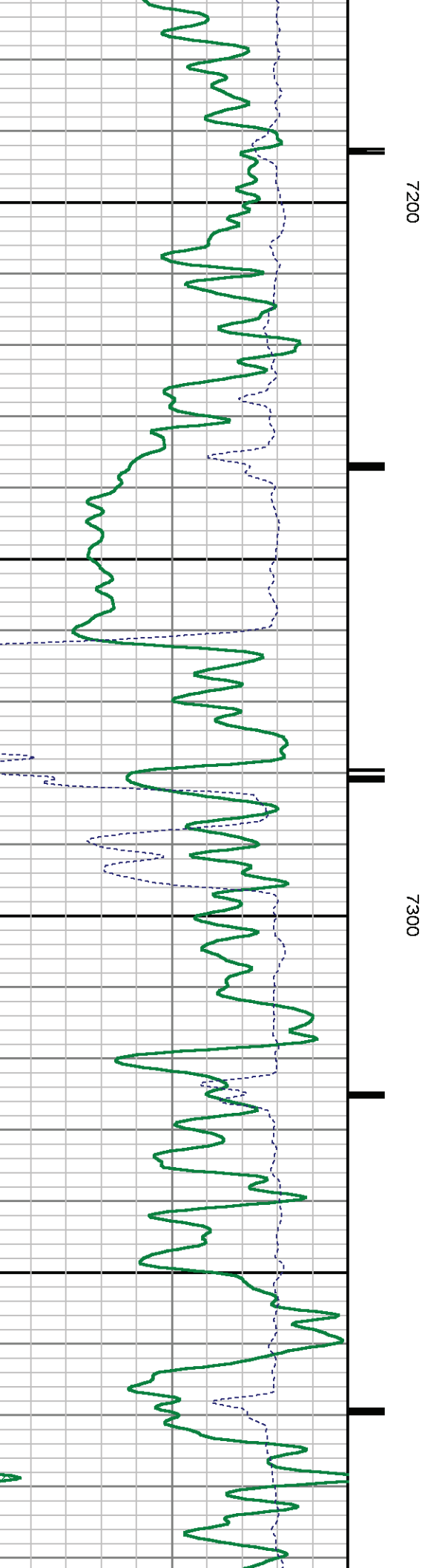
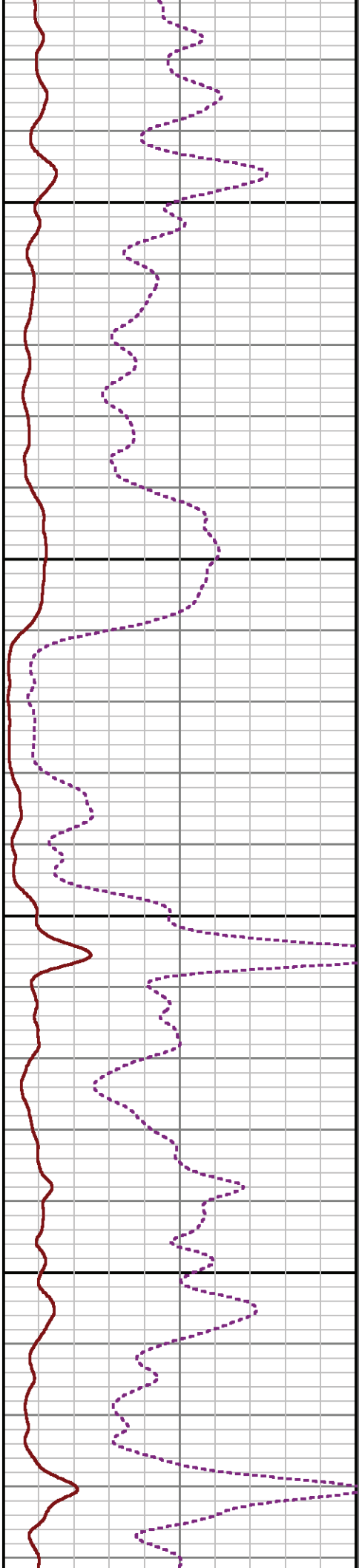
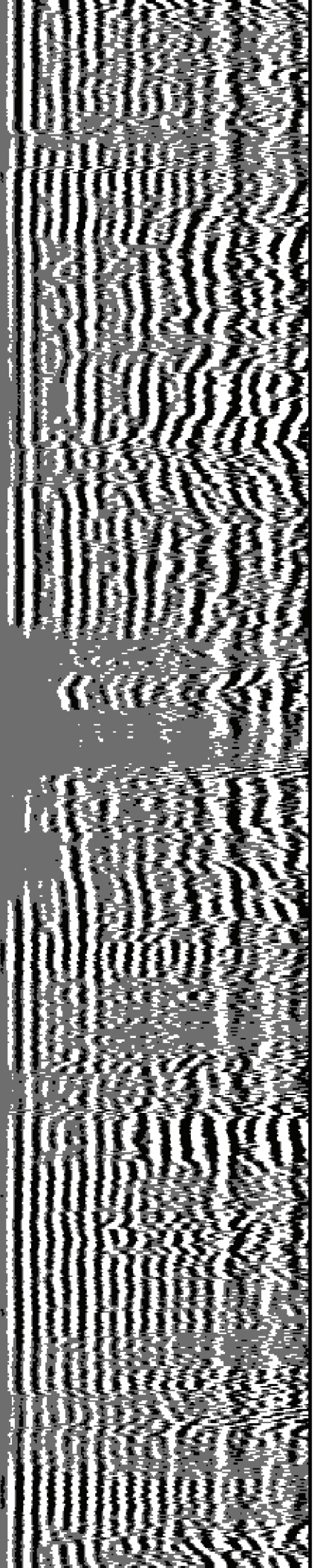




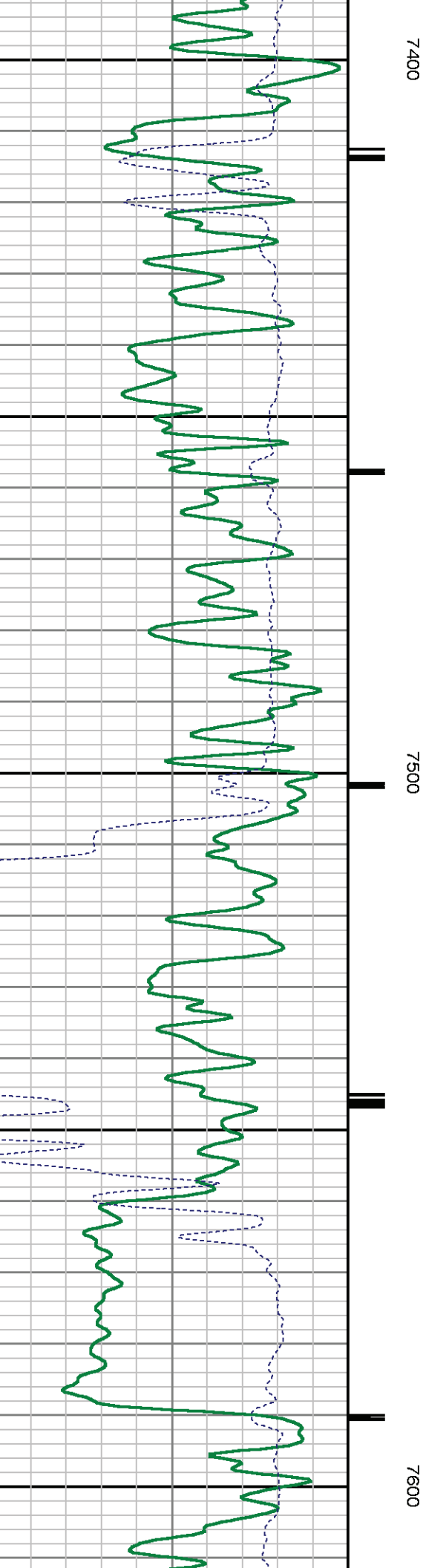
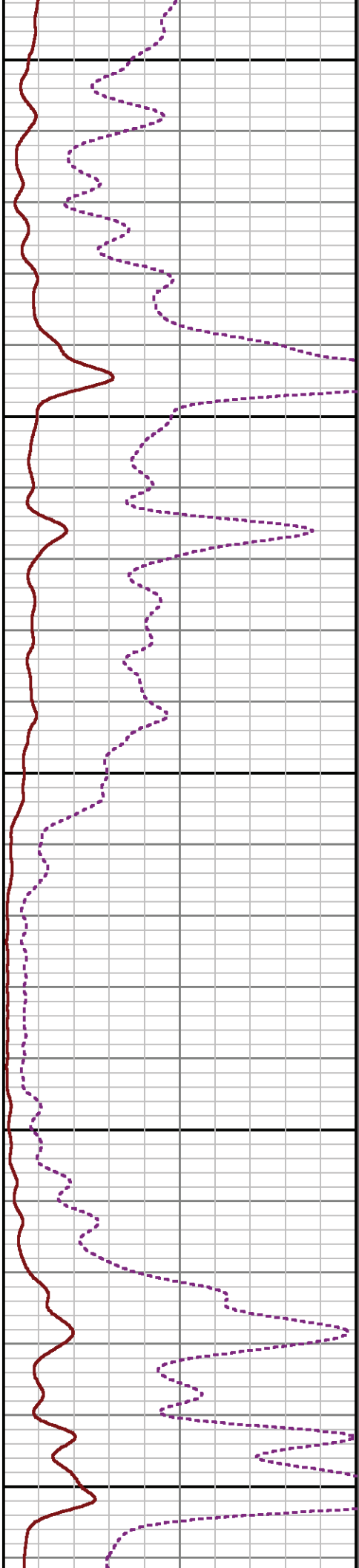
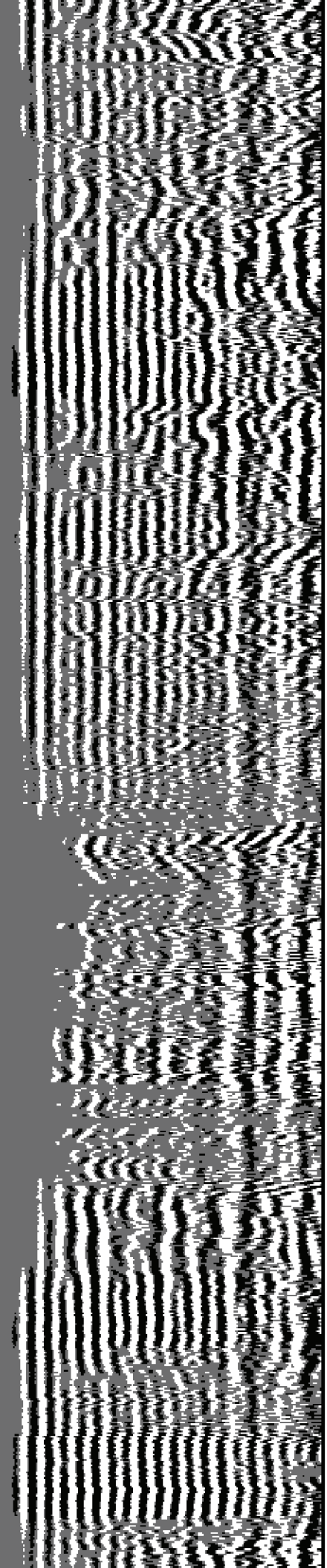


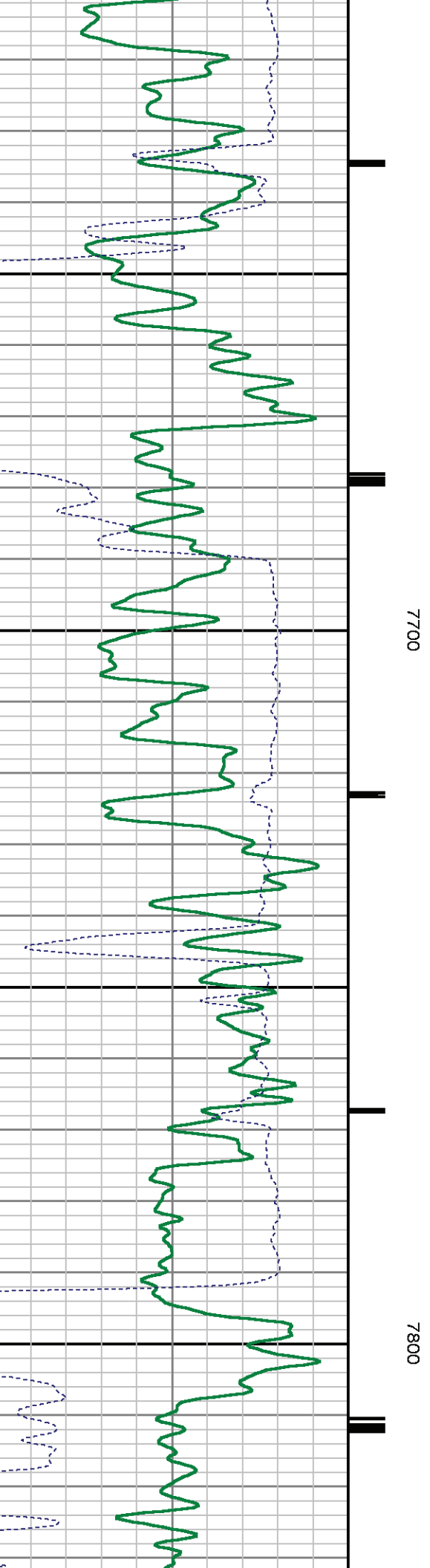
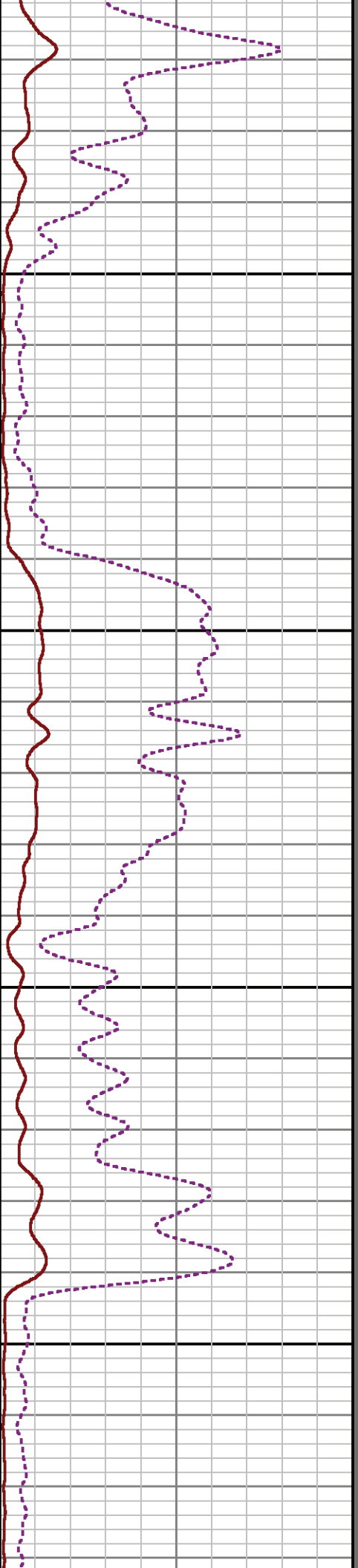
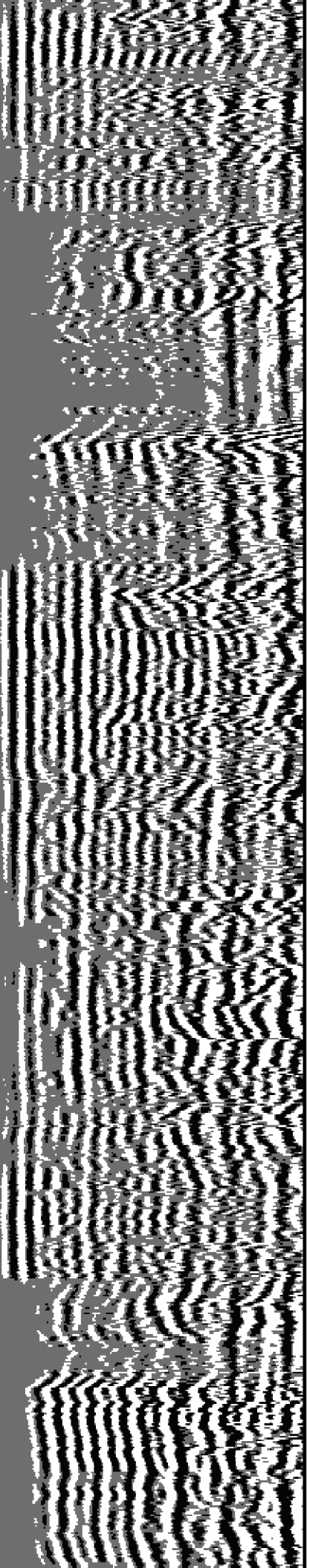


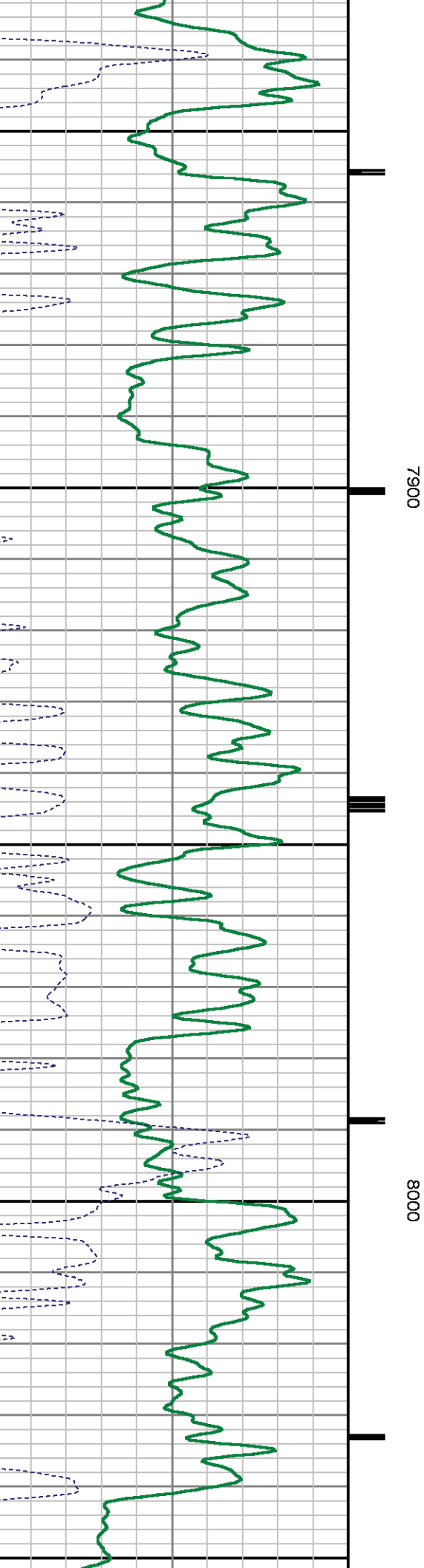
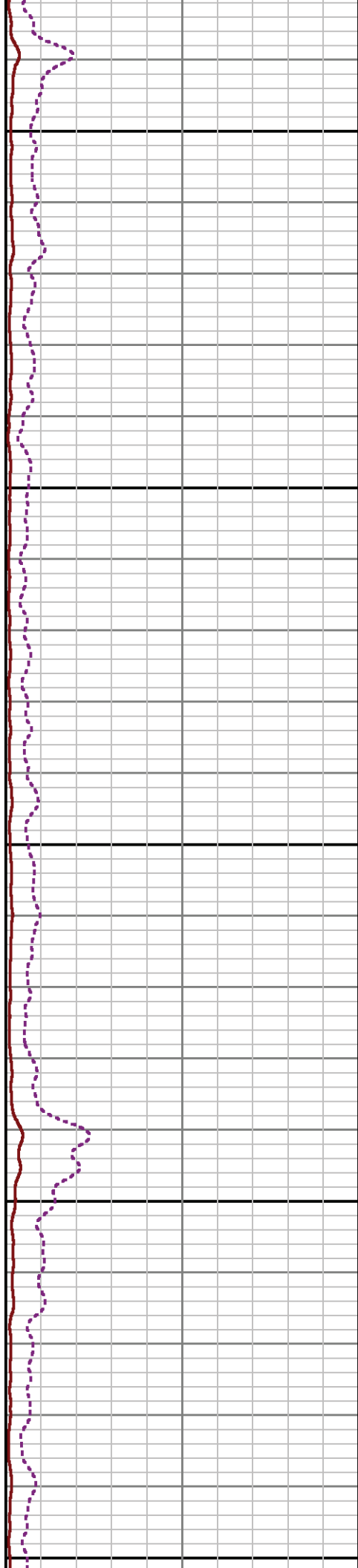
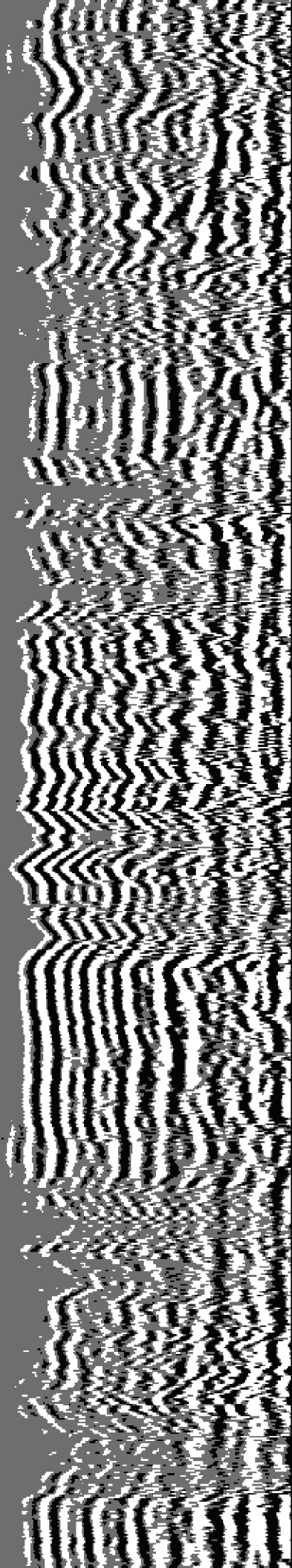


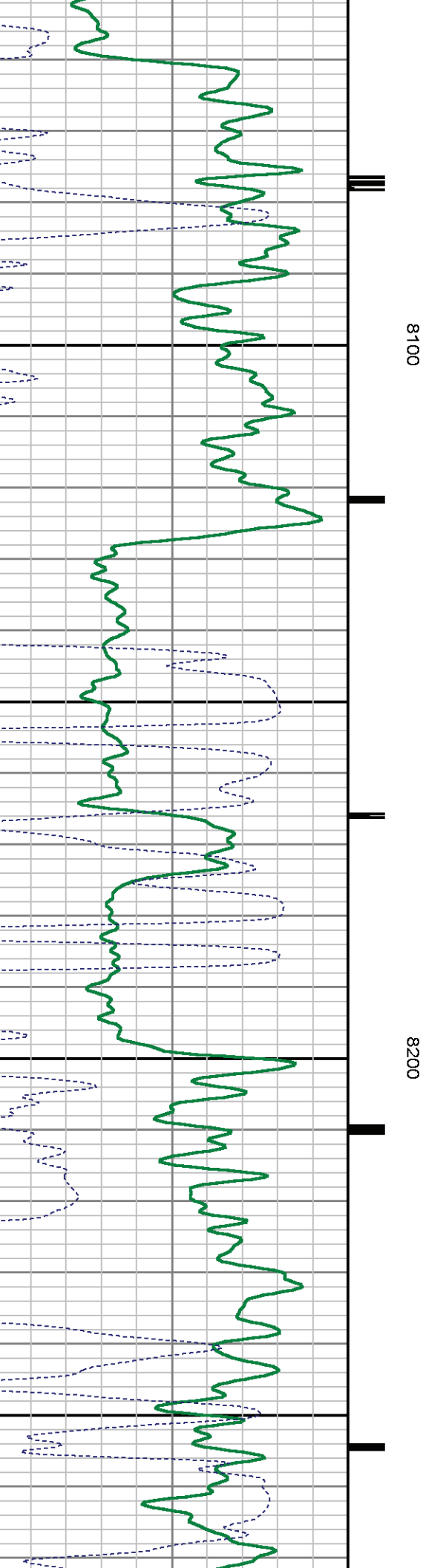
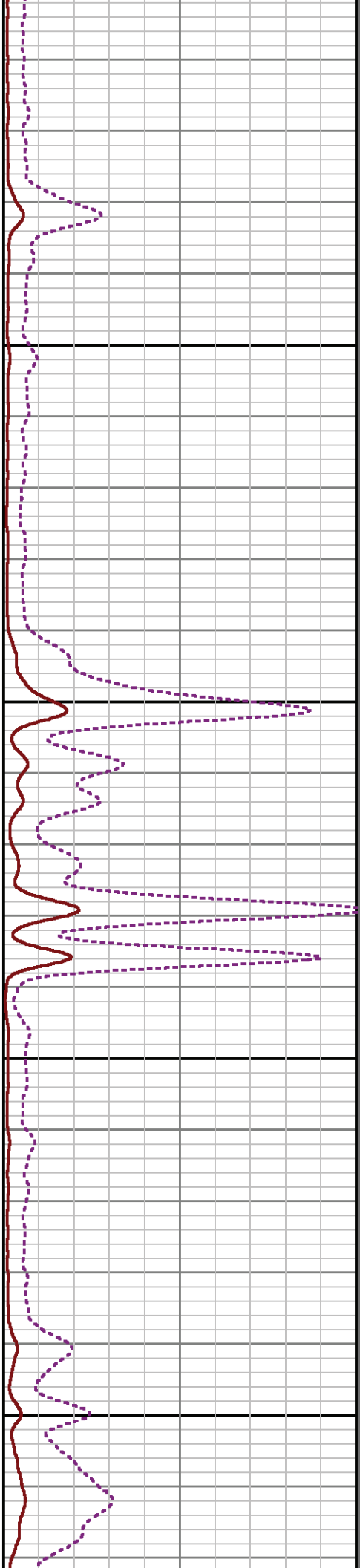
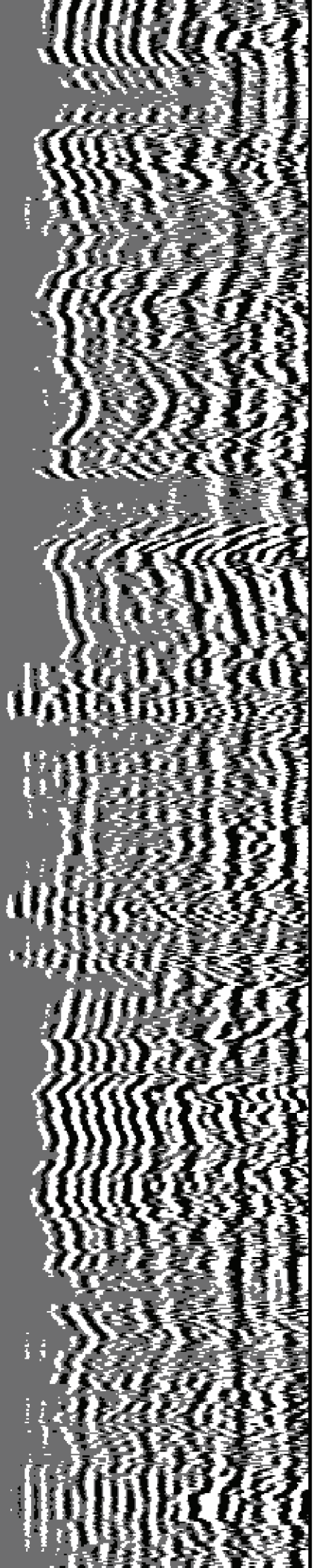




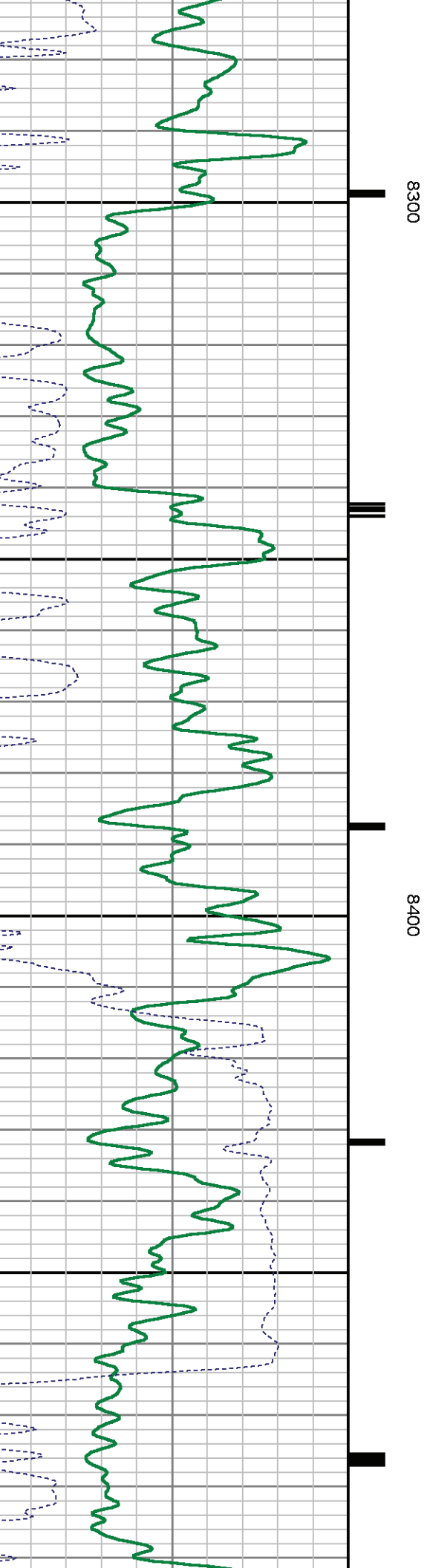
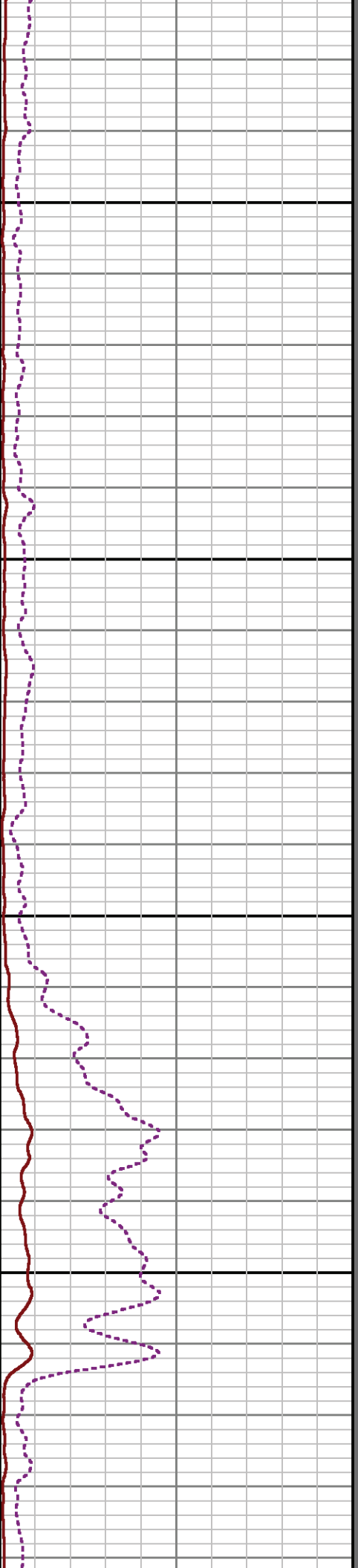
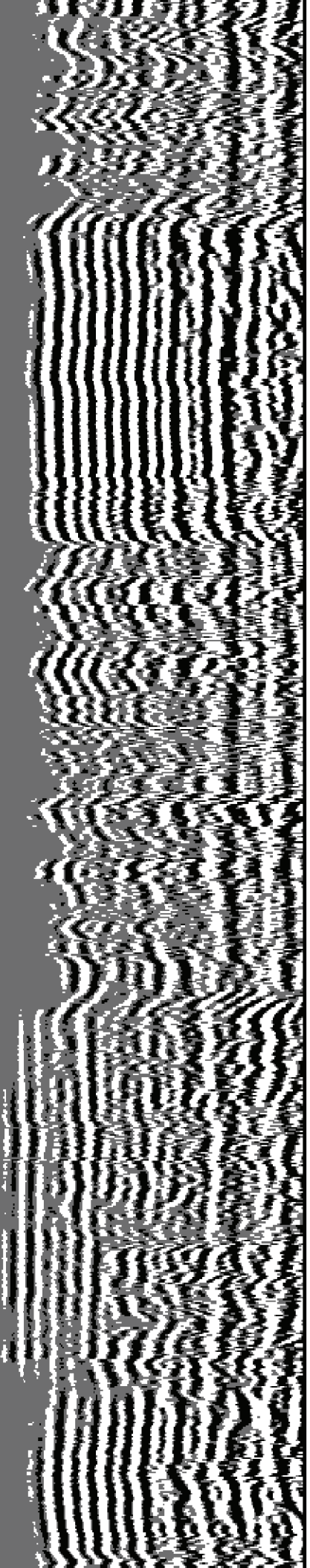


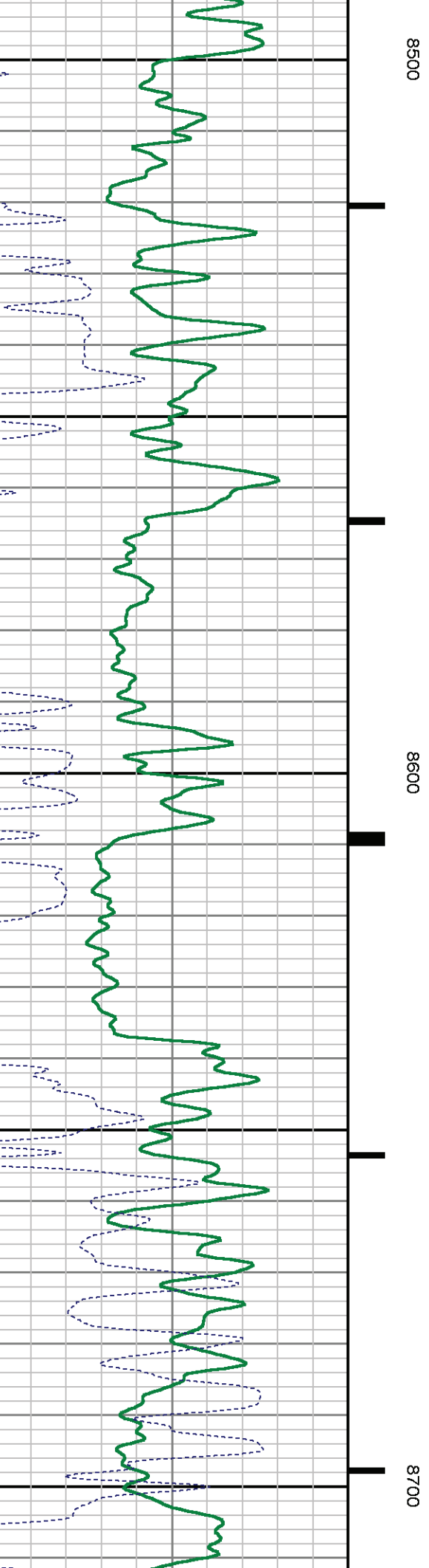
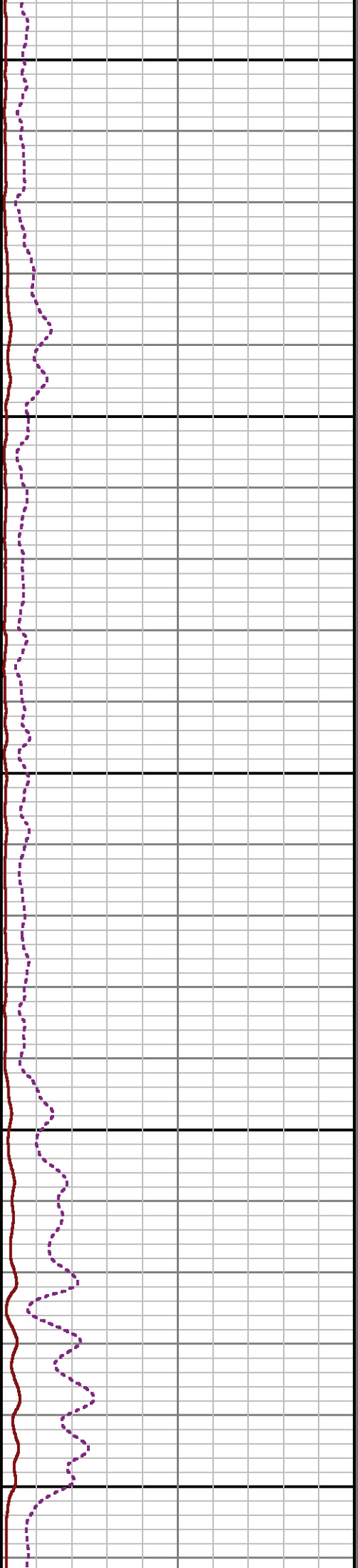
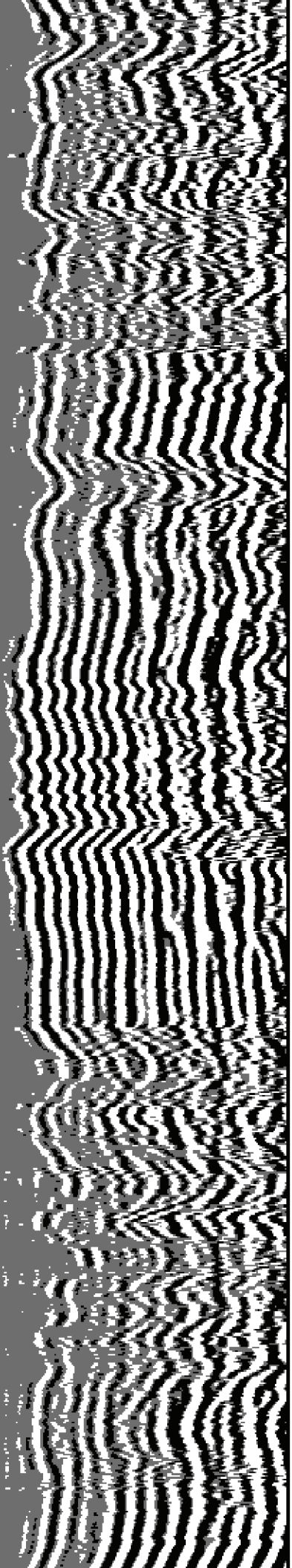


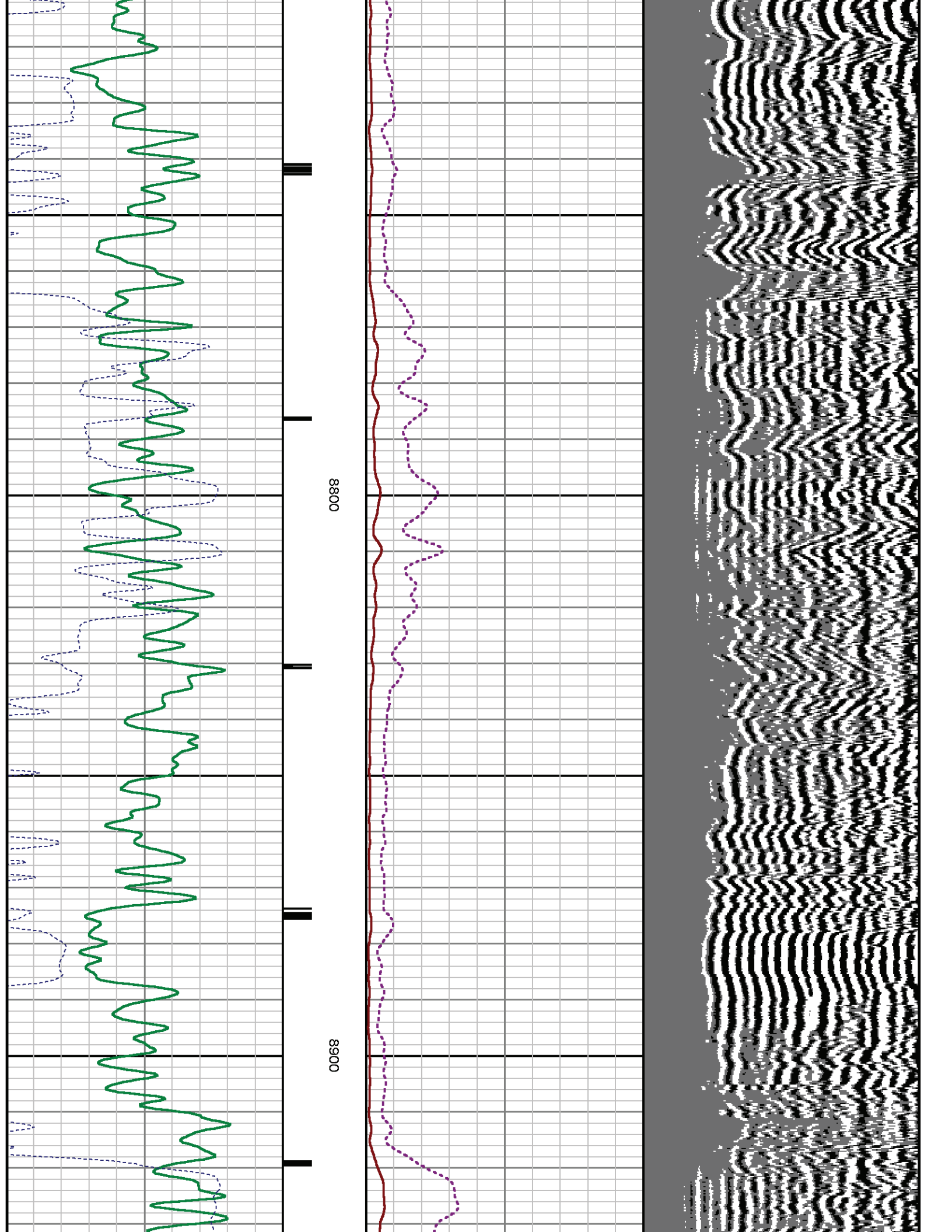


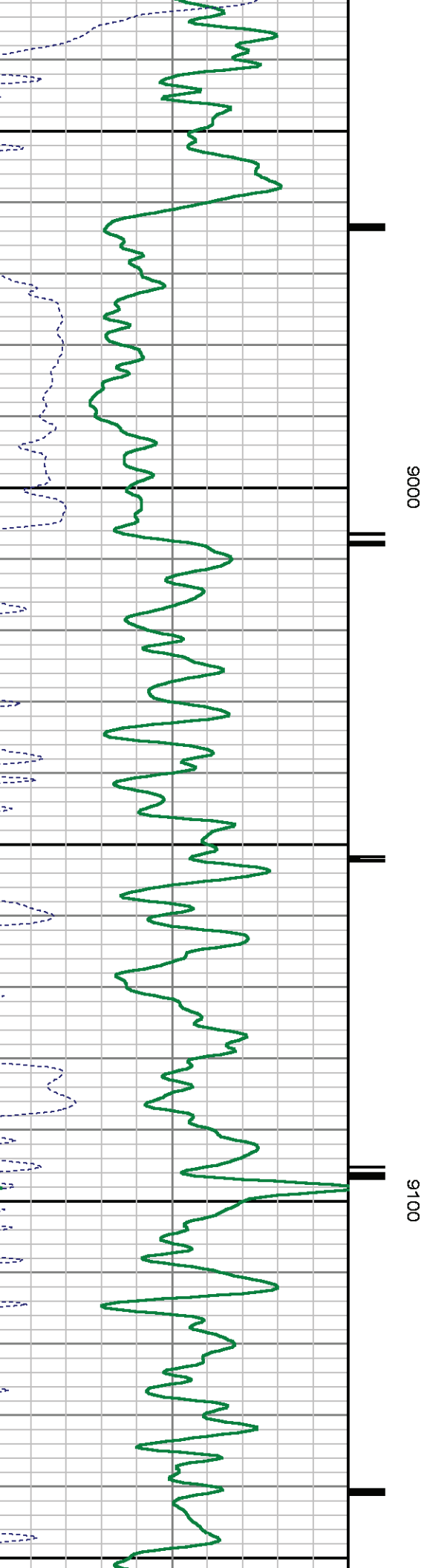
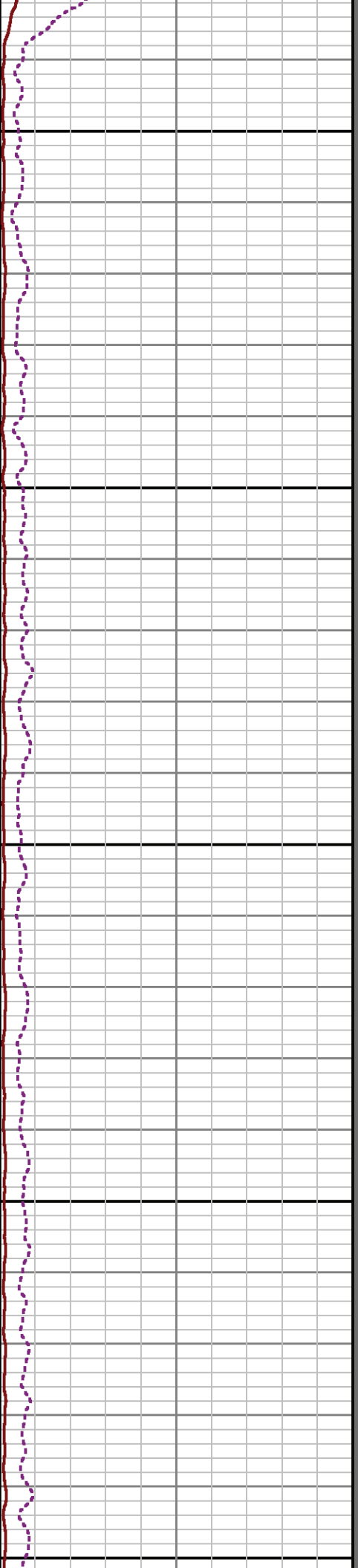
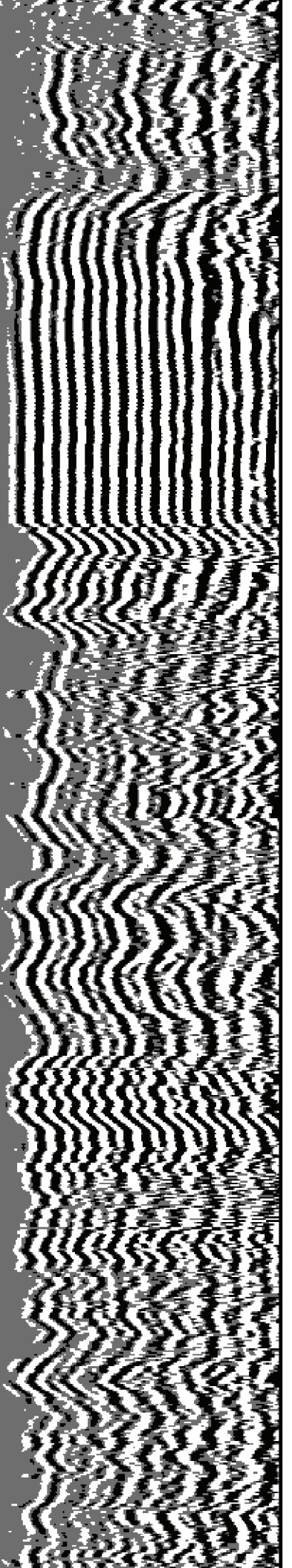


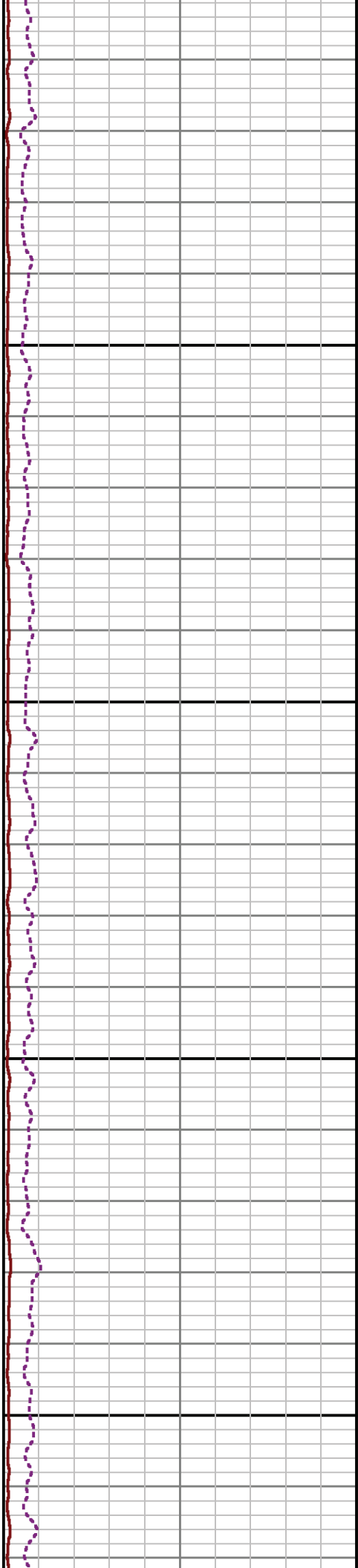
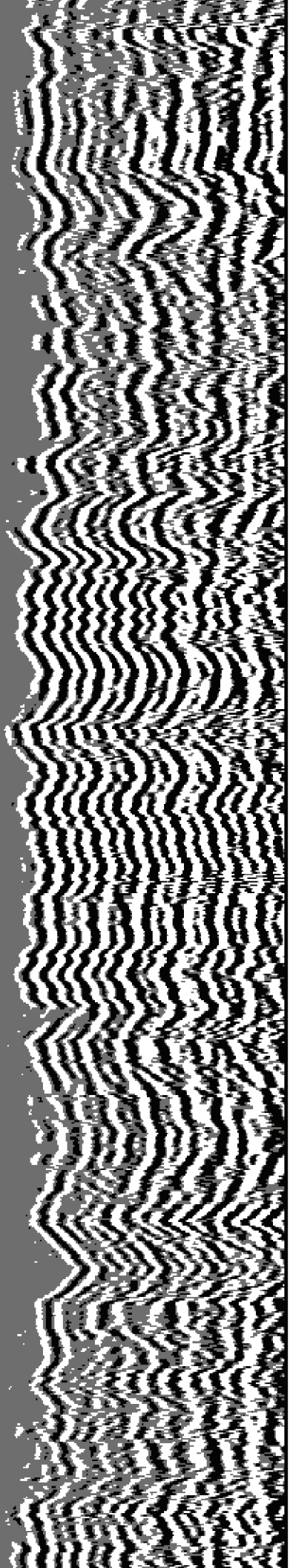






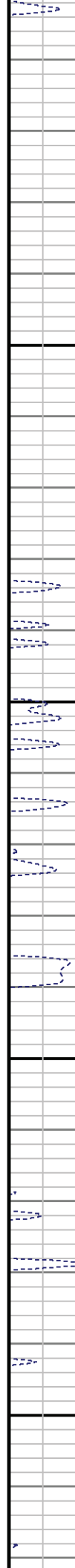
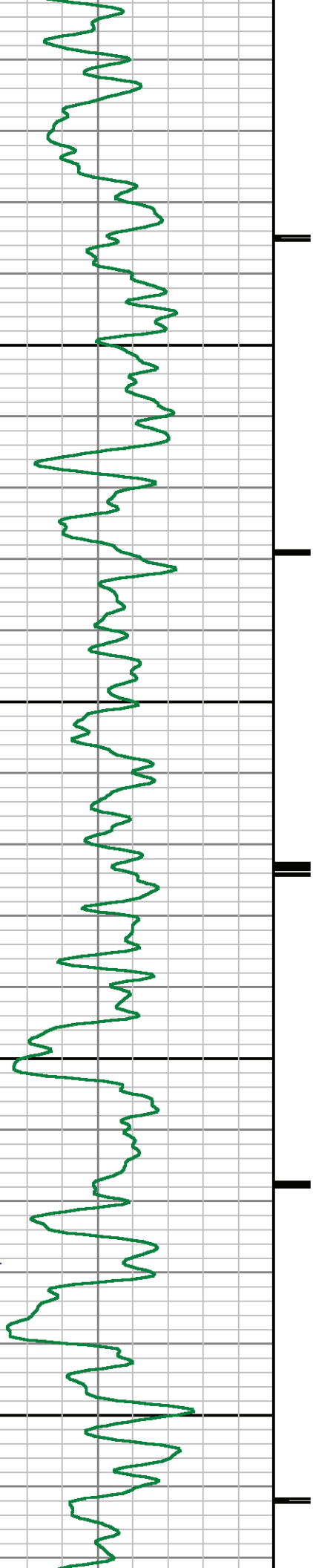




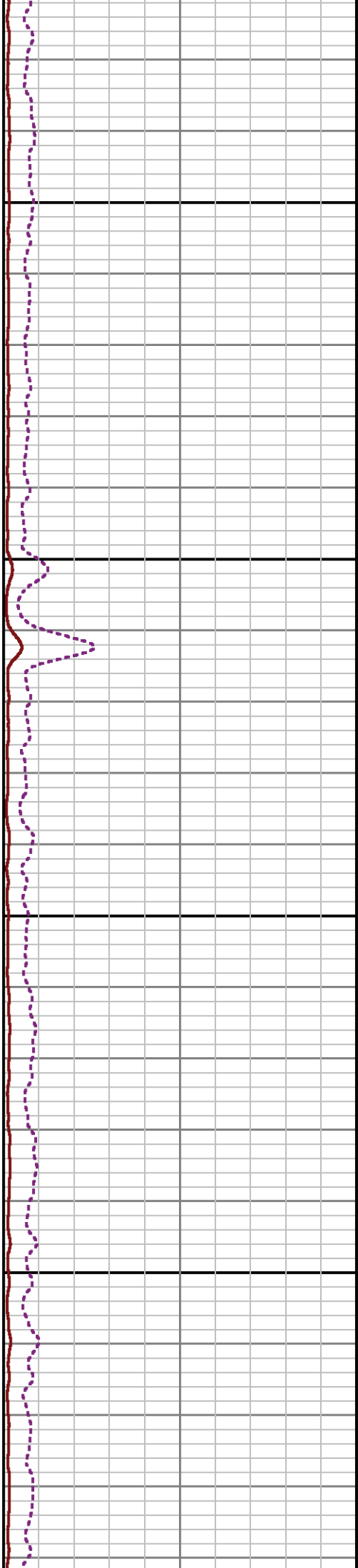
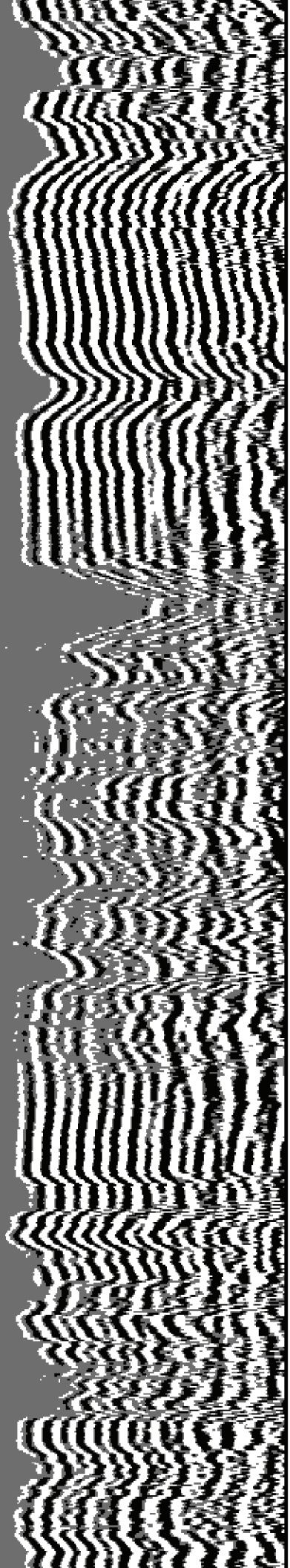


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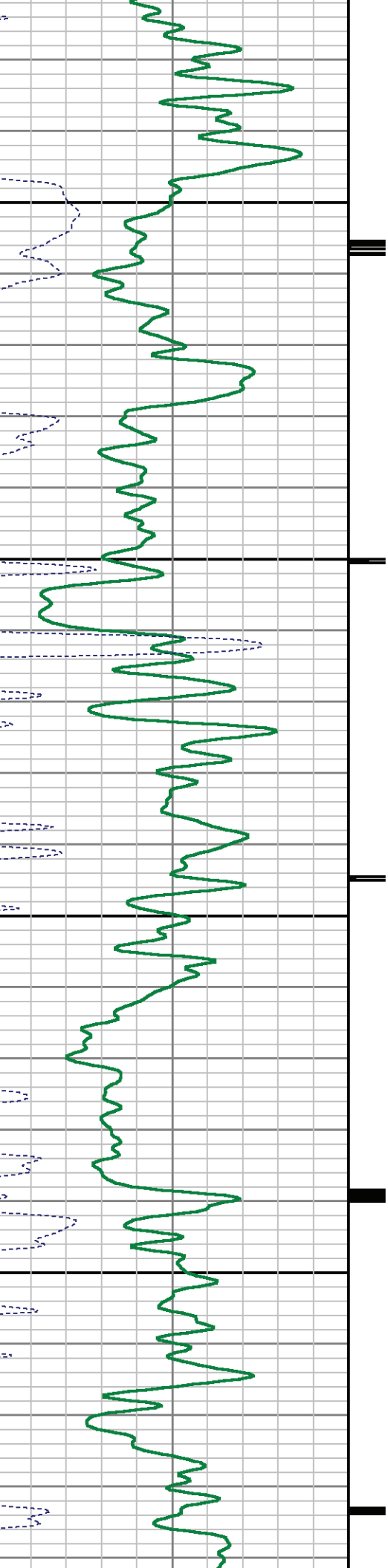


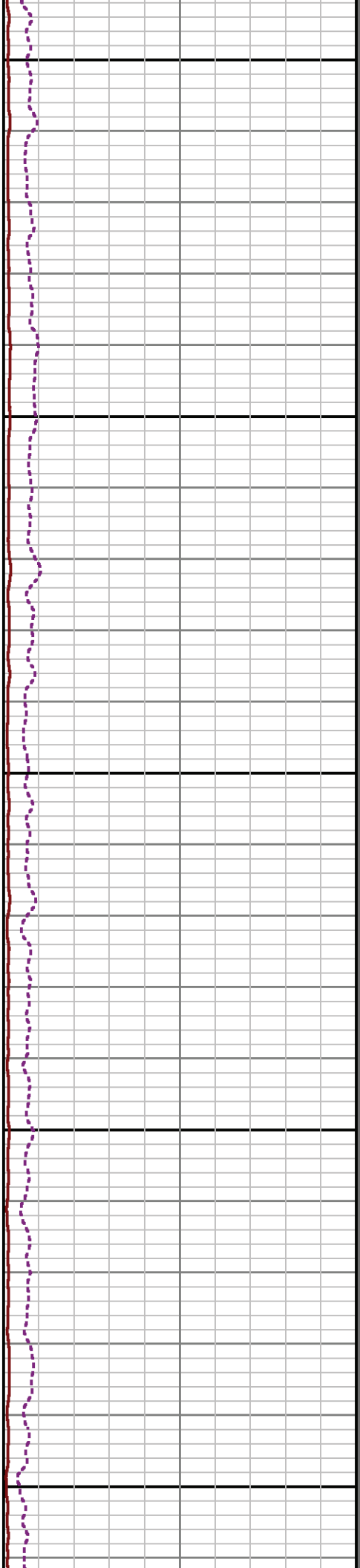
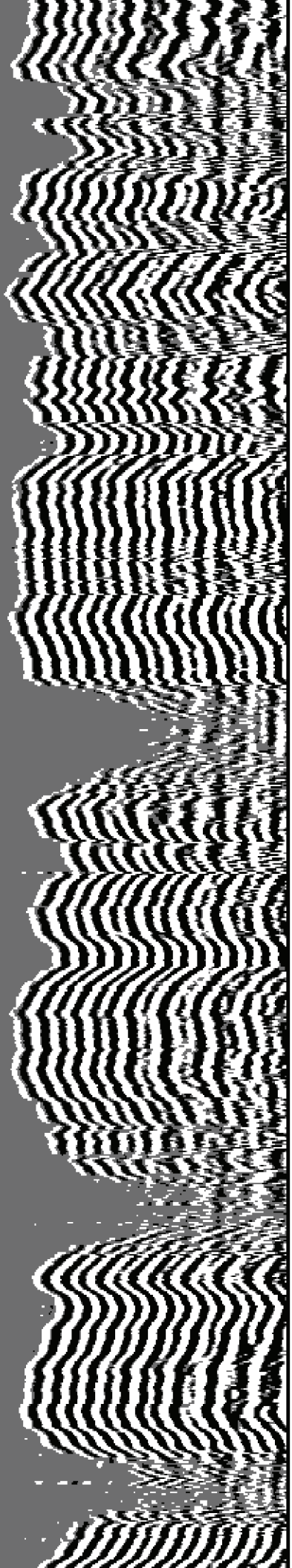




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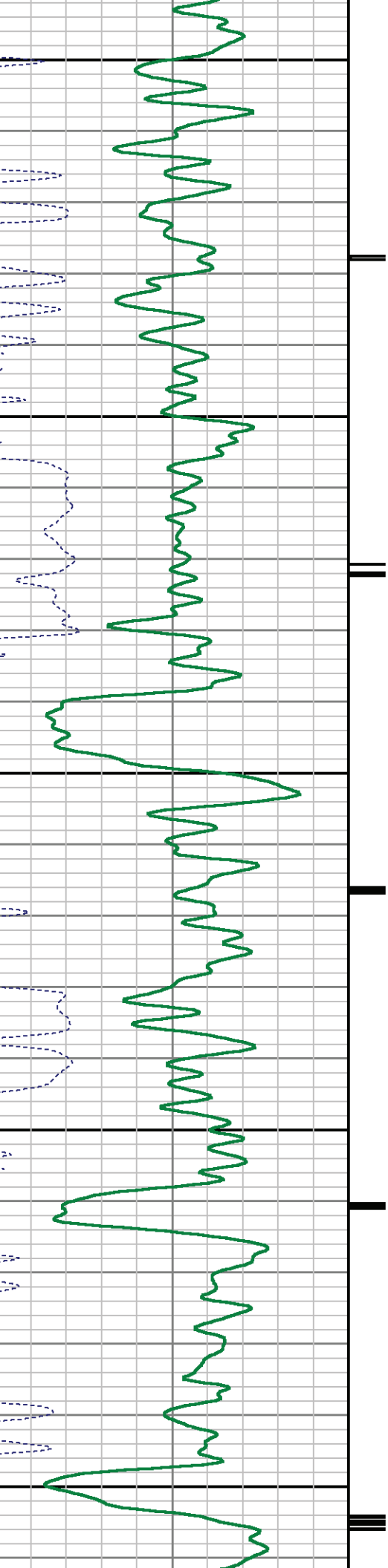


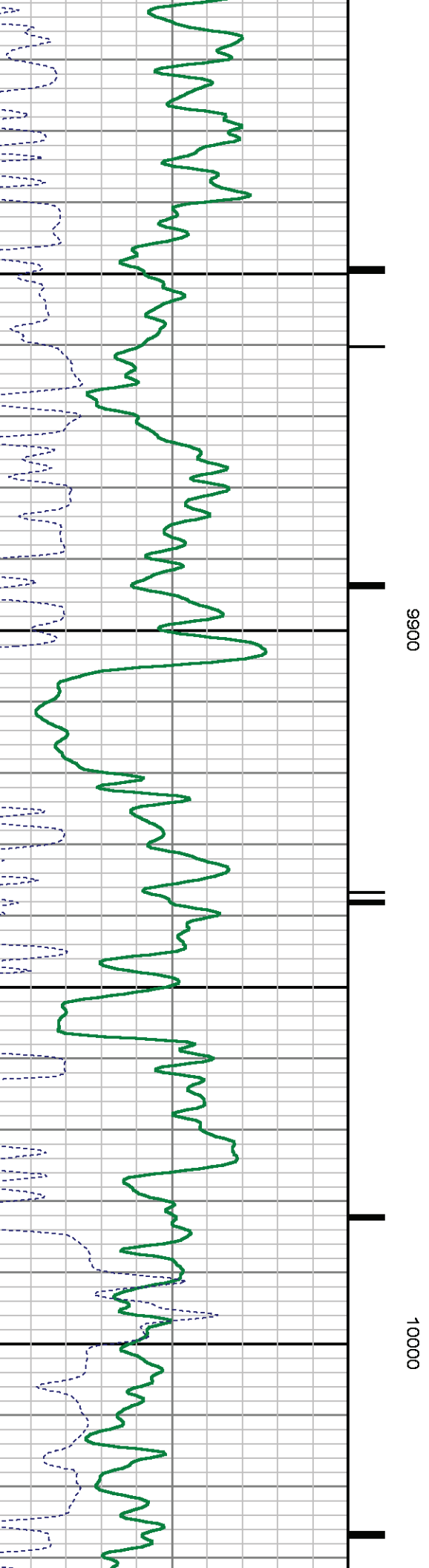
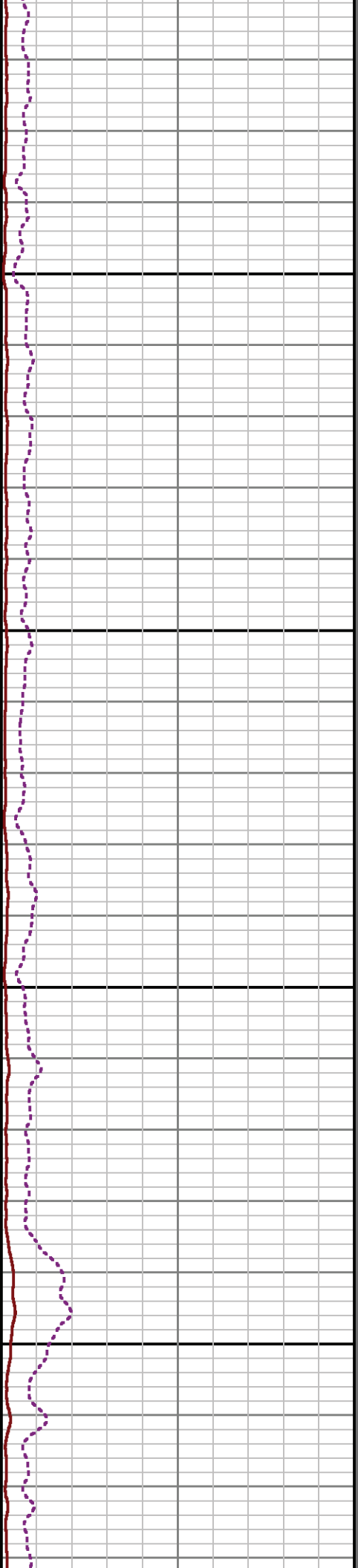
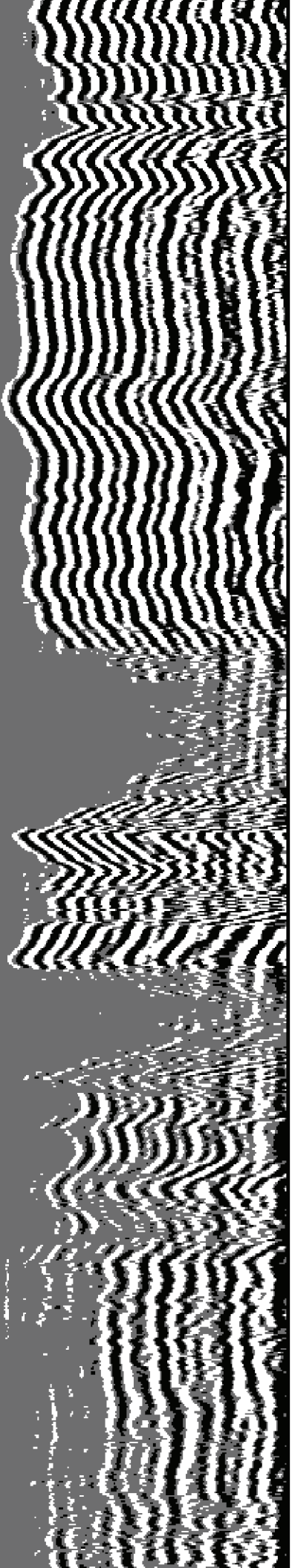


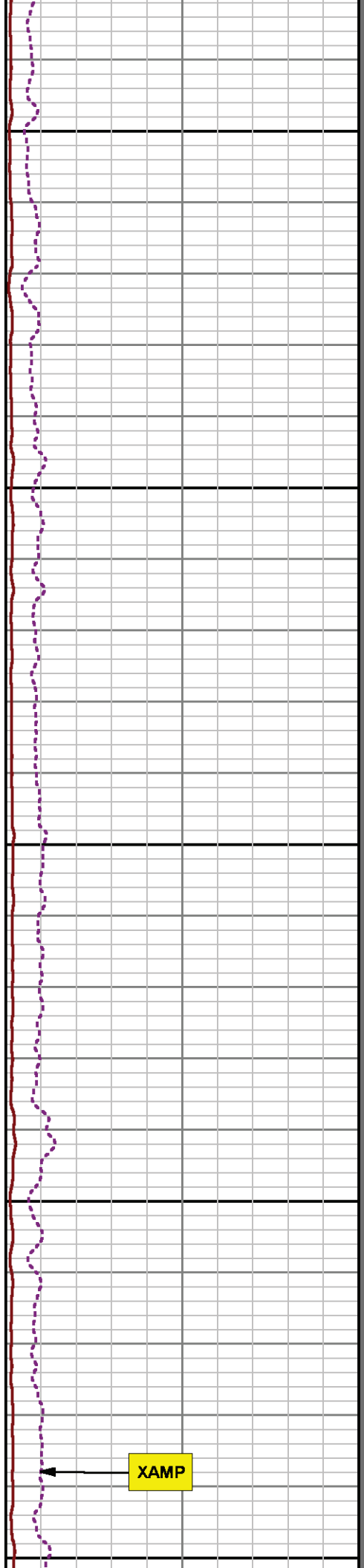
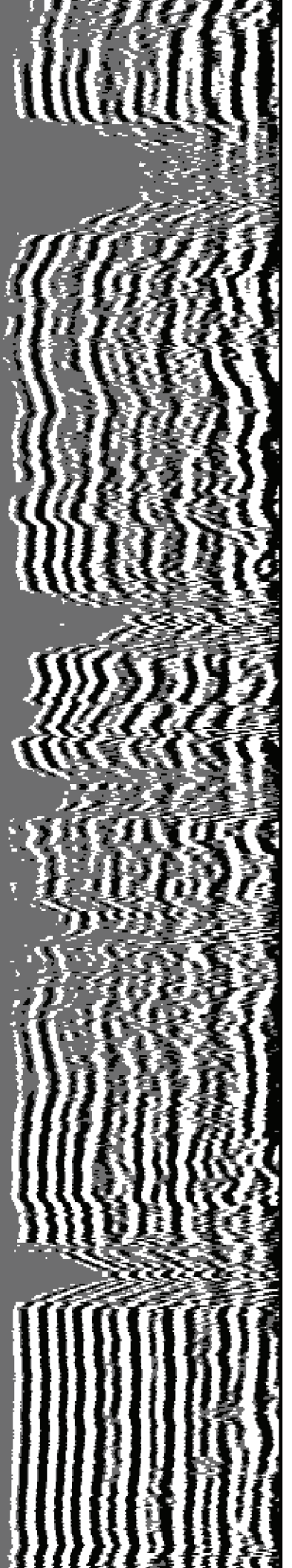
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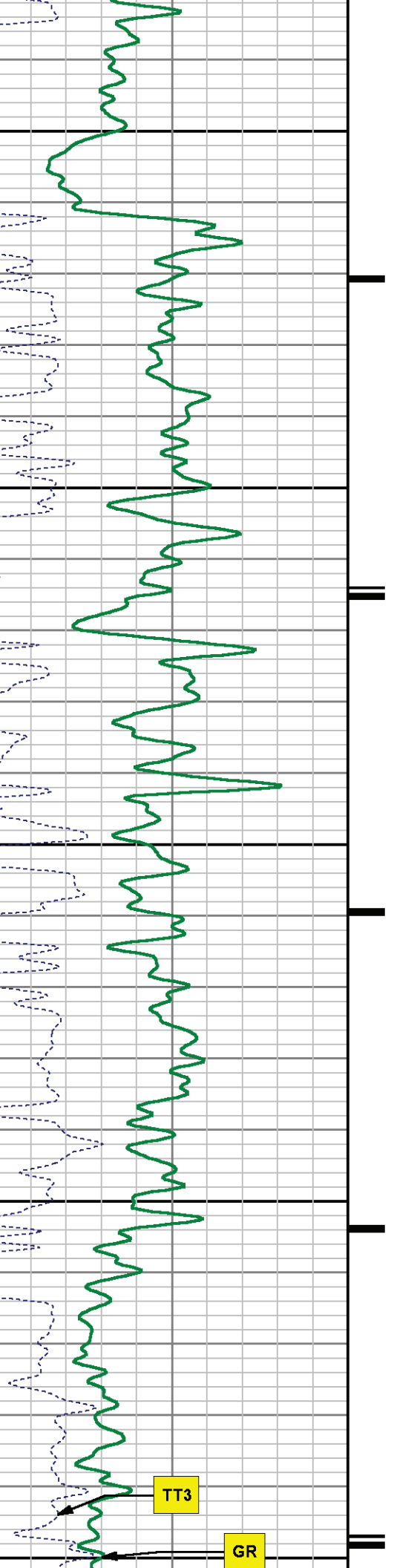


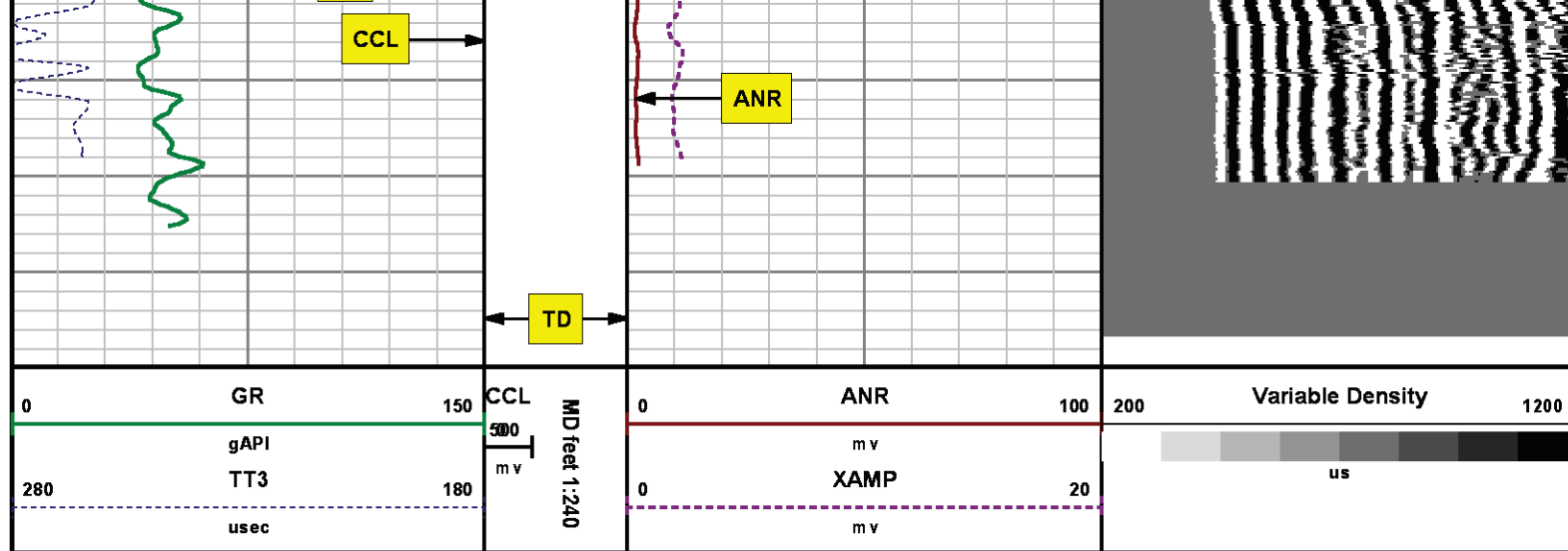




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## SECONDARY PRESENTATION 0 PSI

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	TOP	BOTTOM
RAL	Amp Gate Start Far	305.000	usec	36.999	10286.500
RAL	Amp Gate Start Near	195.000	usec	36.999	10286.500
RAL	Amp Gate Start Radial	195.000	usec	36.999	10286.500
RAL	Amp Gate Width Far	25.000	usec	36.999	10286.500
RAL	Amp Gate Width Near	25.000	usec	36.999	10286.500
RAL	Amp Gate Width Radial	25.000	usec	36.999	10286.500
RAL	casing od	4.500	inches	36.999	10286.500
RAL	casing wt	11.600	lbm/ft	36.999	10286.500
RAL	FB Start Far	291.900	usec	36.999	10286.500
RAL	FB Start Near	180.000	usec	36.999	10286.500
RAL	FB Start Radial	180.000	usec	36.999	10286.500
RAL	FB Thresh Far	15.000	mv	36.999	10286.500
RAL	FB Thresh Near	4.000	mv	36.999	10286.500
RAL	FB Thresh Radial	4.000	mv	36.999	10286.500
RAL	Fluid Travel Time	200.000	usec/ft	36.999	10286.405

DEPTH OFFSETS