



RADIAL ANALYSIS BOND LOG

Baker Atlas

File No: **Company** **WPX ENERGY**

CH089267 **Well** **FEDERAL RGU 44-24-198**

API No: **Field** **SULPHUR CREEK**

05103120830000 **County** **RIO BLANCO** **State** **COLORADO**

24 1 S 98W **Location** **SHL: 2111' FSL & 1673' FEL**

RGU 33-24-198 PAD **BHL: 1025' FSL & 661' FEL (SESE)**

CYCLONE 29 **SEC** **24** **TWP** **1S** **RGE** **98W**

Other Services
RPM

Permanent Datum **GL** **Elevation** **6596 ft**

Log Measured From **KB** **21 ft** **Above P. D.**

Drill Measured From **KELLY BUSHING** **Elevations**
KB **6617 ft**
DF
GL **6596 ft**

Date	08/AUG/14	
Run	ONE	
Service Order	US089267J	
Depth Driller	12917 ft	
Depth Logger	12843 ft	
Bottom Logged Interval	12833 ft	
Top Logged Interval	21 ft	
Time Started	1100	
Time Finished	1630	
Operator Rig Time	5.5 HRS	
Type of Fluid in Hole	WATER	
Fluid Density	NA	
Salinity	NA	
Fluid Level	89 ft	
Logged Cement Top	NA	
Wellhead Pressure	0 psi	
Maximum Hole Deviation	NA	
Nominal Logging Speed	66 fpm	
Maximum Recorded Temperature	287 degF	
Reference Log	NONE	
Reference Log Date	NA	
Equipment No.	Location	4271
Recorded By	FLORYD RENEAU	GRAND JCT
Witnessed By	WAYNE MARGOTTE	

- 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
30 in	21 ft	80 ft
14.73/13.5	80 ft	3914 ft
8.75/7.875	3914 ft	12917 ft

Casing Record				
Size	Weight	Grade	From	To
18 in			21 ft	80 ft
9.625 in			21 ft	3914 ft
4.5 in	11.6 lbm/ft	P-110	21 ft	12917 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 2 feet.
Logged with zero PSI at wellhead.
BHT = 287°F

SJ = 7595'-7615'

LOG SPLICED @ 7638'

Equipment Data					
Run	Trip	Tool	Series Number	Serial Number	Position
1	1	VDL	1426XA	10218496	CENT
1	1	GR	2459XA	10417456	CENT
1	2	VDL	1426XA	10218496	CENT
1	2	GR	2459XA	10124121	CENT

PRIMARY PRESENTATION
0 PSI

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	TOP	BOTTOM
RAL	Amp Gate Start Far	305.000	usec	26.816	7702.000
RAL	Amp Gate Start Near	195.000	usec	26.816	7702.000
RAL	Amp Gate Start Radial	195.000	usec	26.816	7702.000
RAL	Amp Gate Width Far	25.000	usec	26.816	7702.000
RAL	Amp Gate Width Near	25.000	usec	26.816	7702.000
RAL	Amp Gate Width Radial	25.000	usec	26.816	7702.000
RAL	casing od	4.500	inches	26.816	7702.000
RAL	casing wt	11.600	lbm/ft	26.816	7702.000
RAL	FB Start Far	291.900	usec	26.816	7702.000
RAL	FB Start Near	180.000	usec	26.816	7702.000
RAL	FB Start Radial	180.000	usec	26.816	7702.000
RAL	FB Thresh Far	15.000	mv	26.816	7702.000
RAL	FB Thresh Near	10.000	mv	26.816	7702.000
RAL	FB Thresh Radial	10.000	mv	26.816	7702.000
RAL	Fluid Travel Time	200.000	usec/ft	26.816	7702.000

DEPTH OFFSETS

(for Acquired Curves)

SERIES	DEPTH OFFSET	ACQUIRED CURVES							
1426XA	-12.360	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	-11.360	AFAR	SIG	TT5					
2459XA	-7.250	CCL							
2459XA	-5.390	GR							
2459XA	0.000	NEU							

Created by : RAL, v4.8.008

Plotted by : PlotMgr, v5.4.504

Company : WPX ENERGY

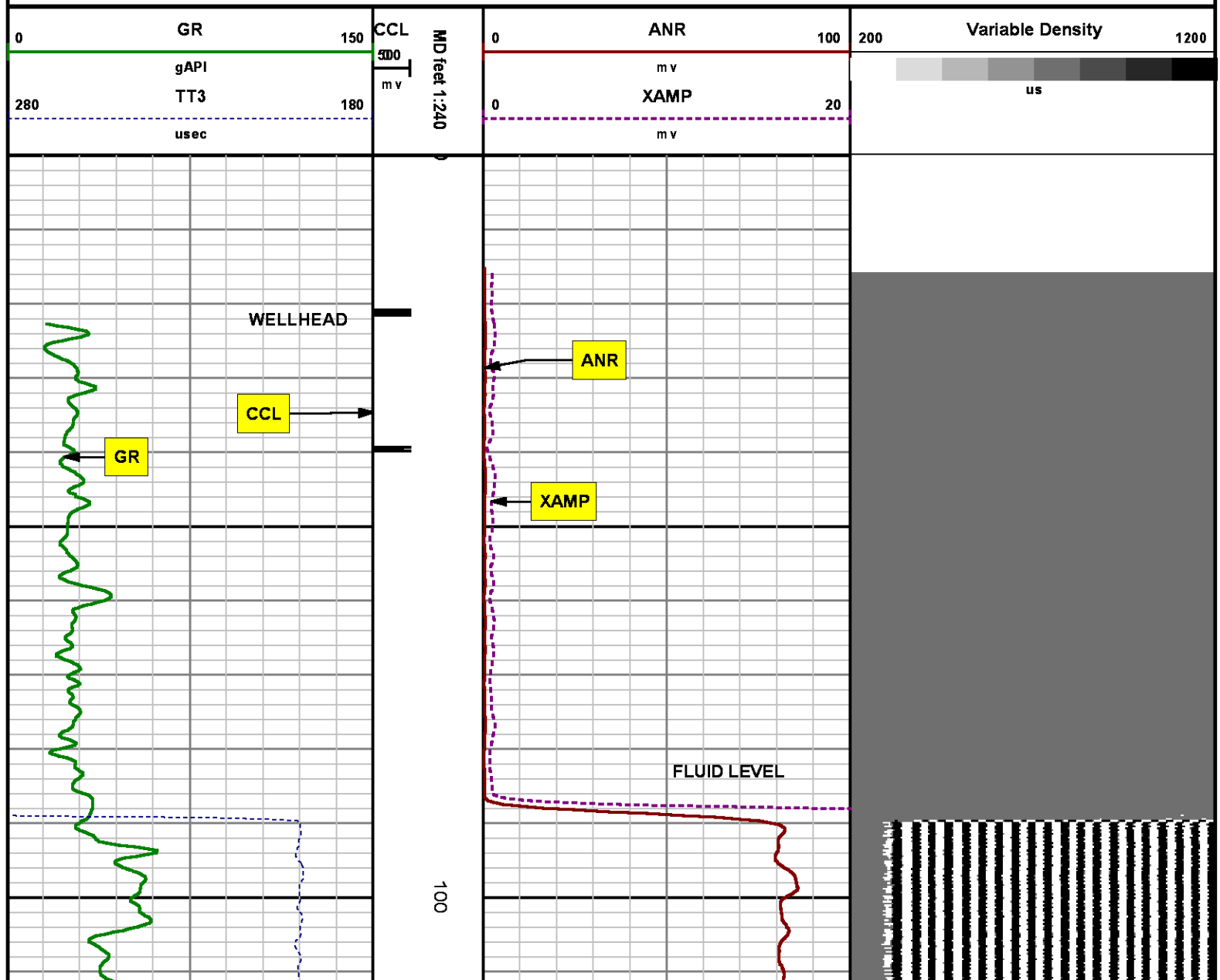
Well : FEDERAL RGU 44-24-198

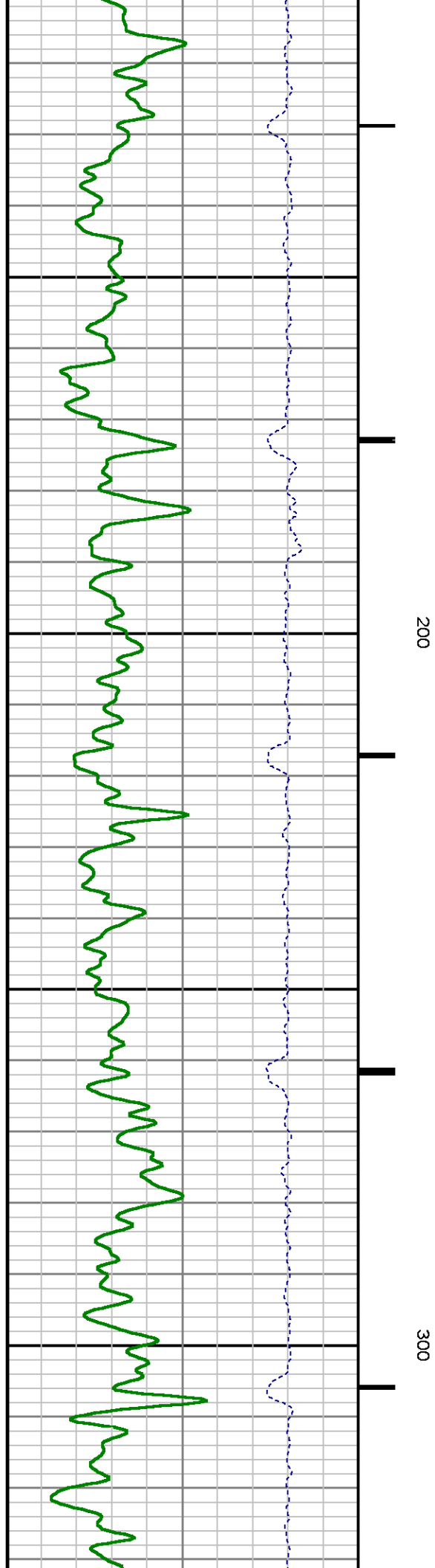
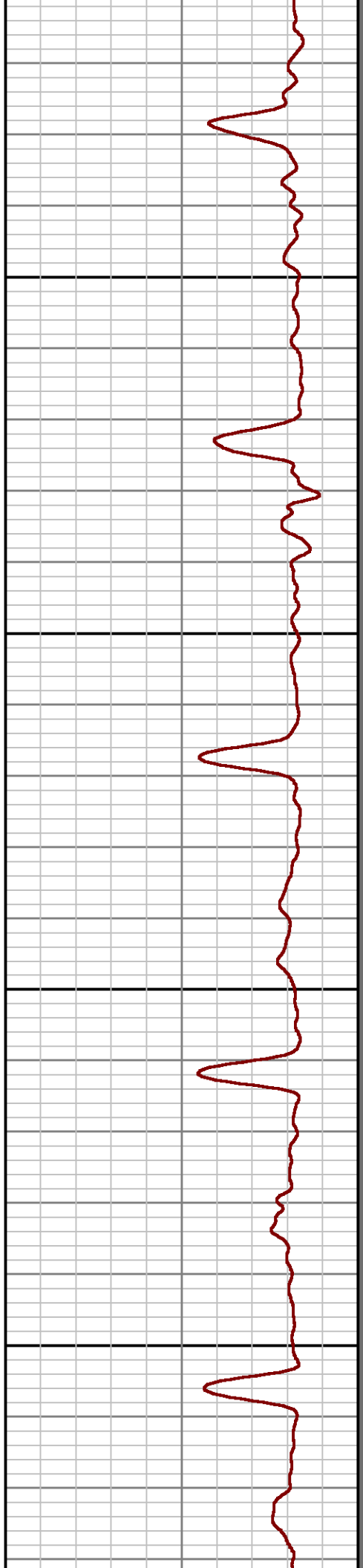
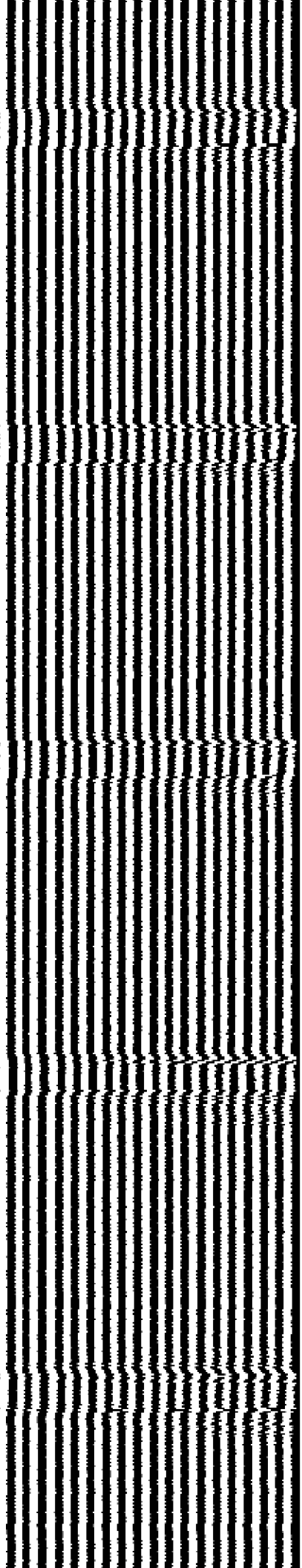
File Name : d:\welldata\wpx\rgu 44-24-198\44ra\mainsplice.xtf

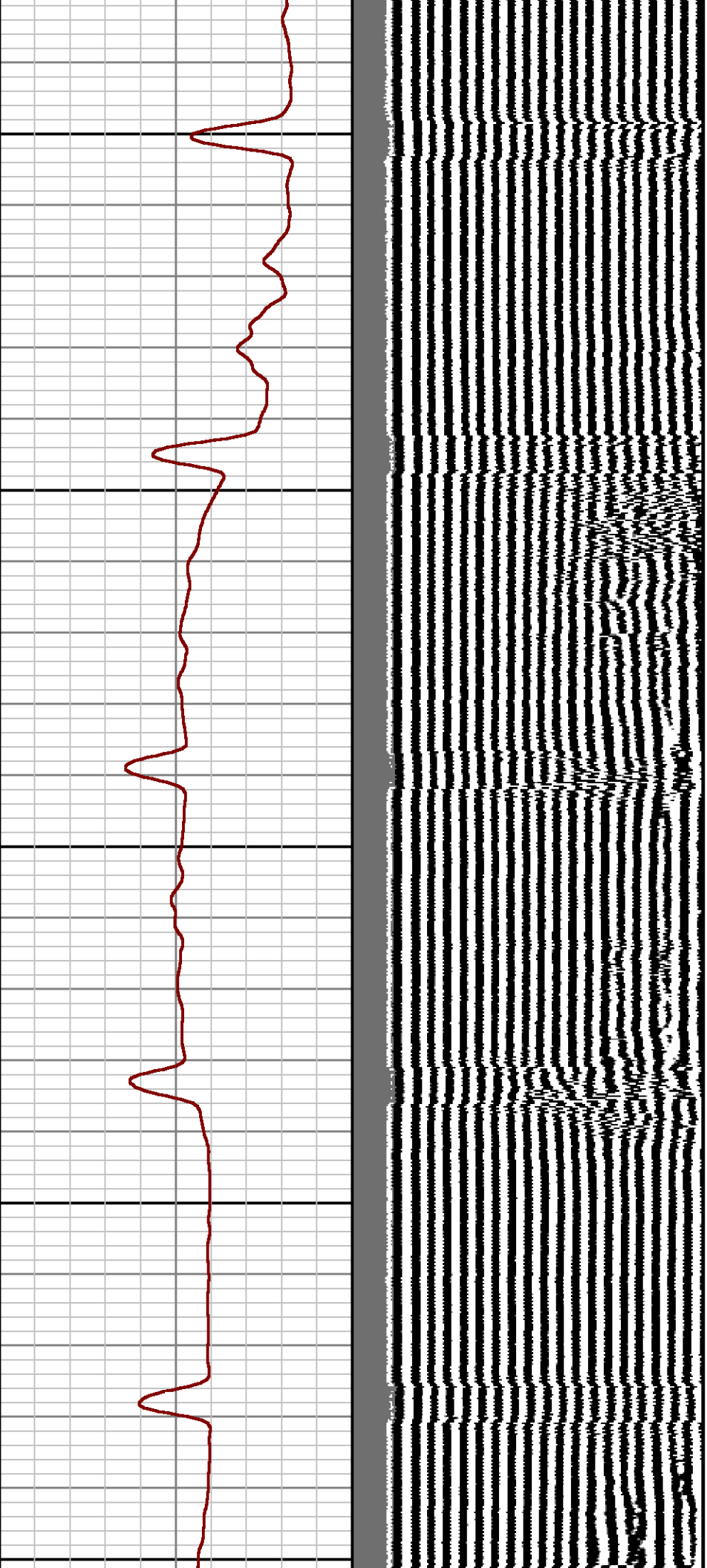
Mode : PlotMgr 5.4.504

Interval : 0.00 - 12847.00 feet UP

Created : 8/8/2014 2:39:19 PM

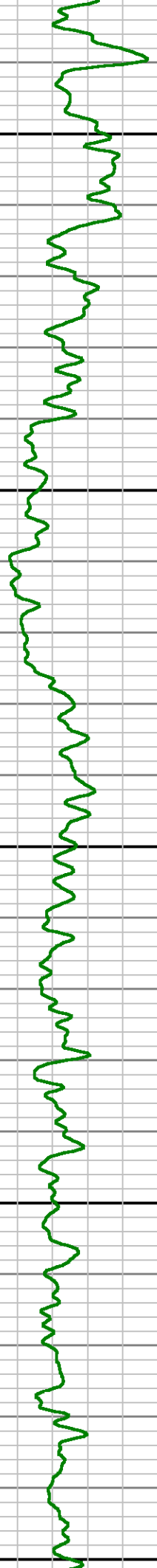
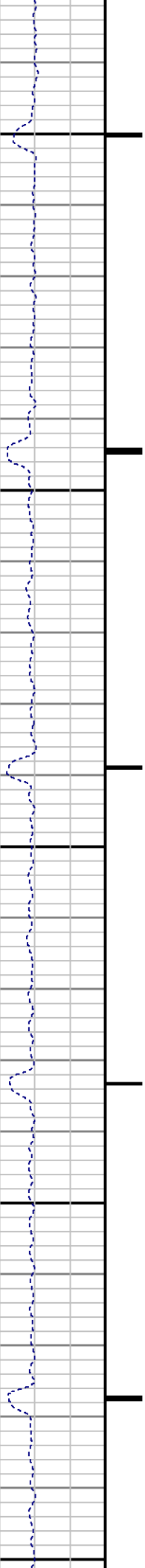


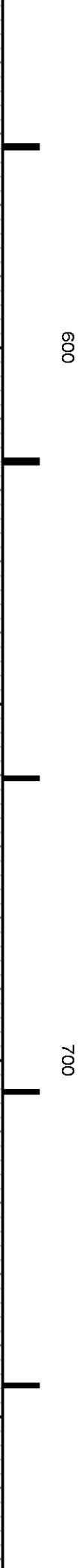
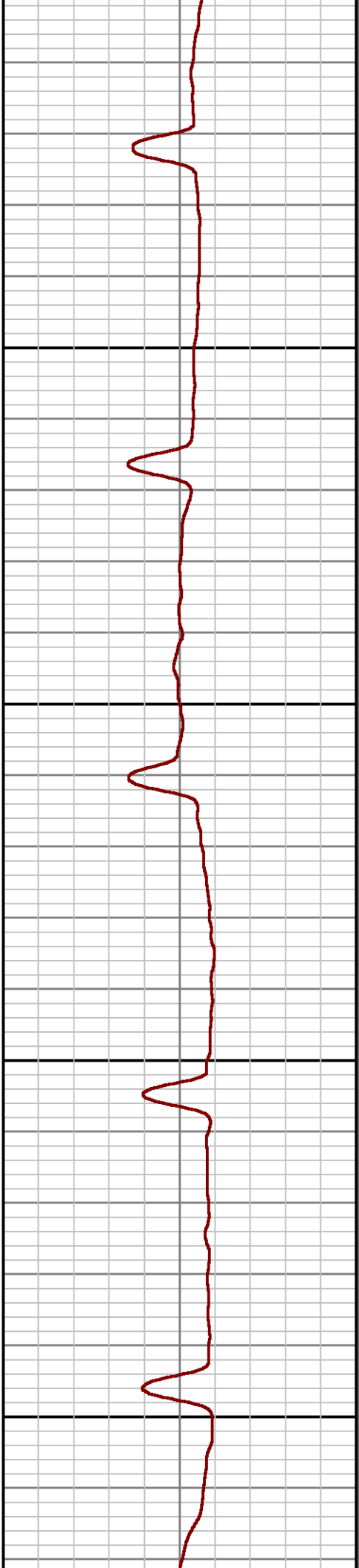
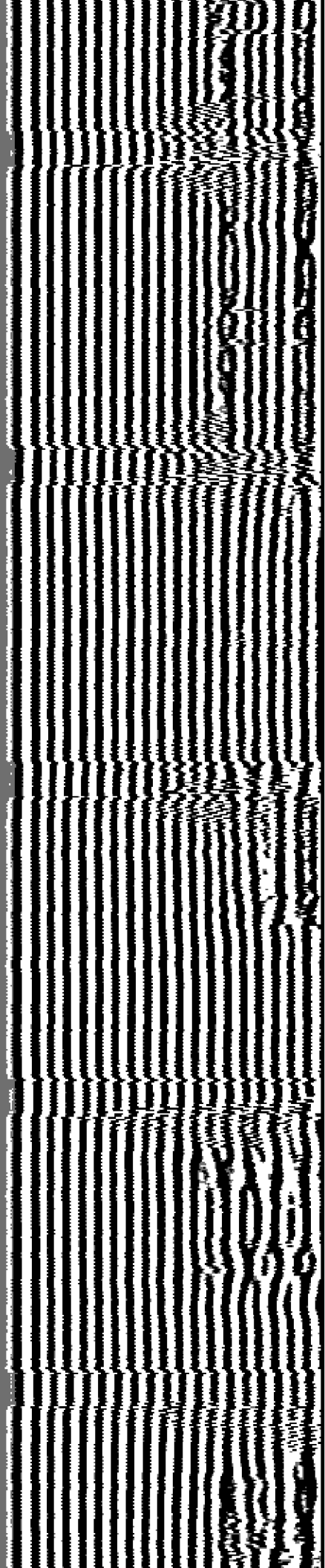




400

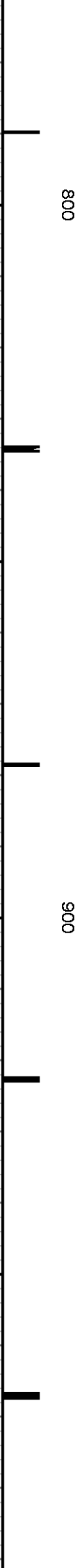
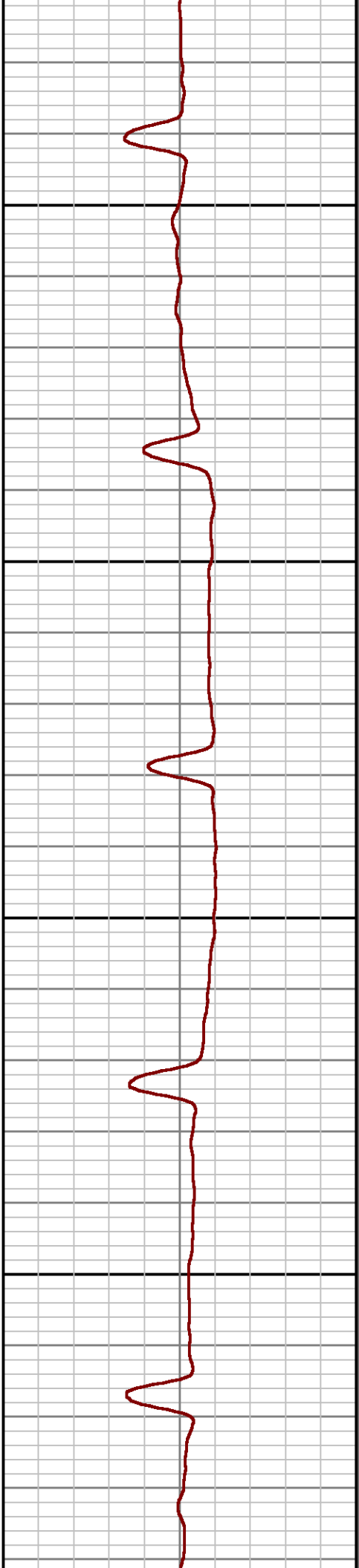
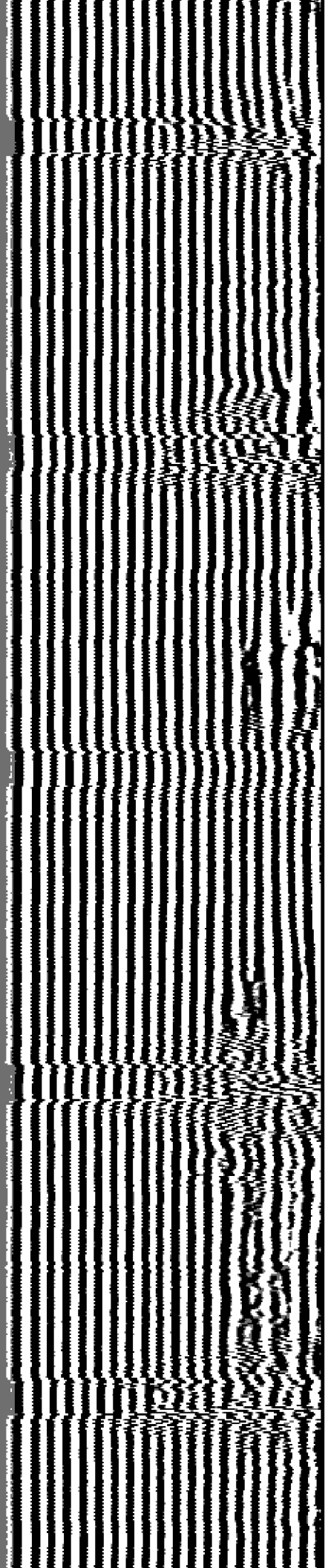
500





600

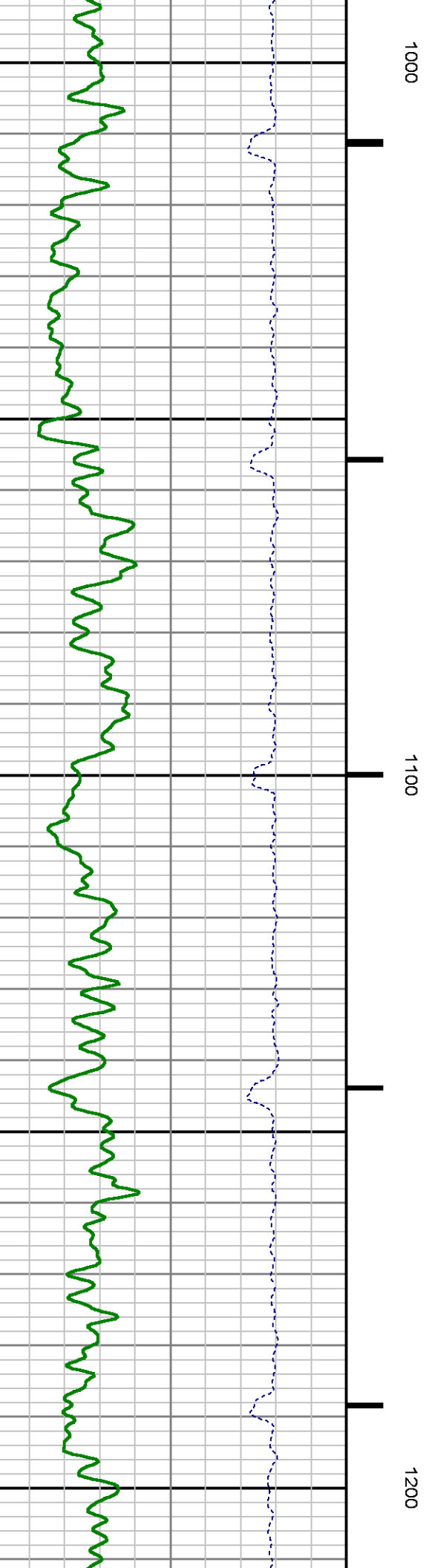
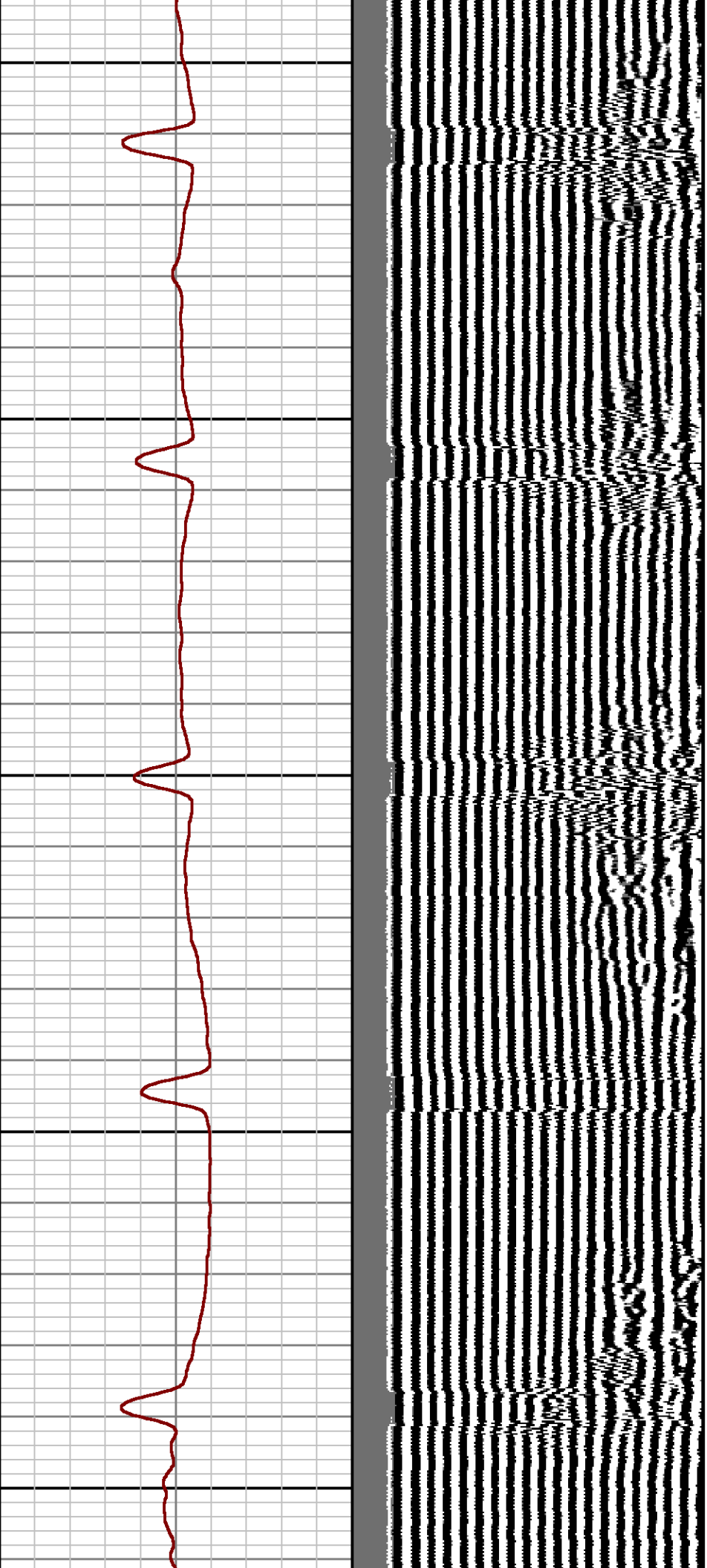
700

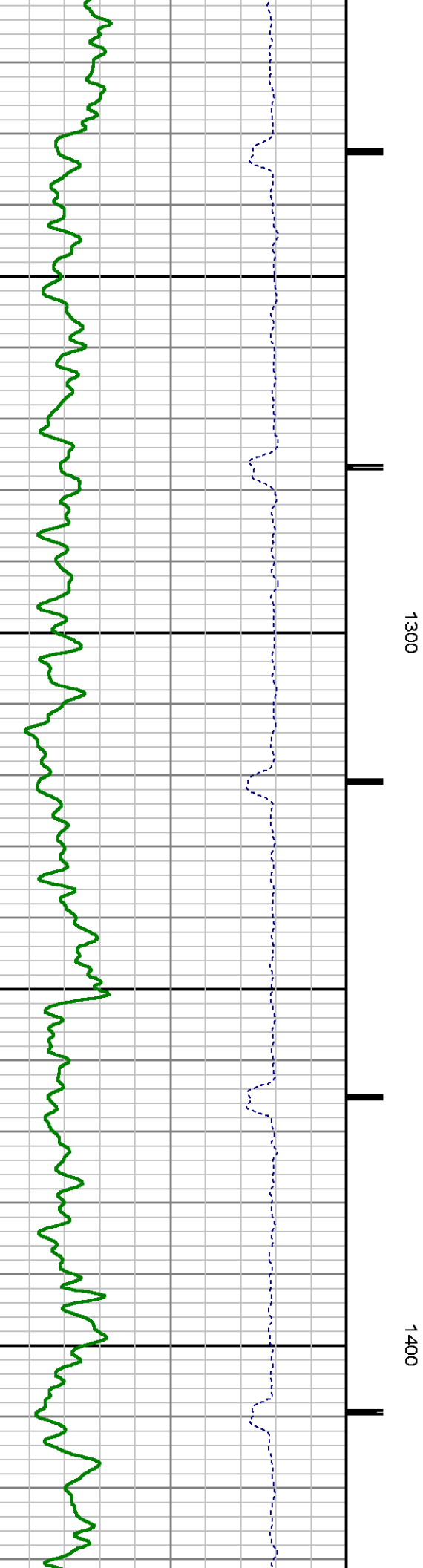
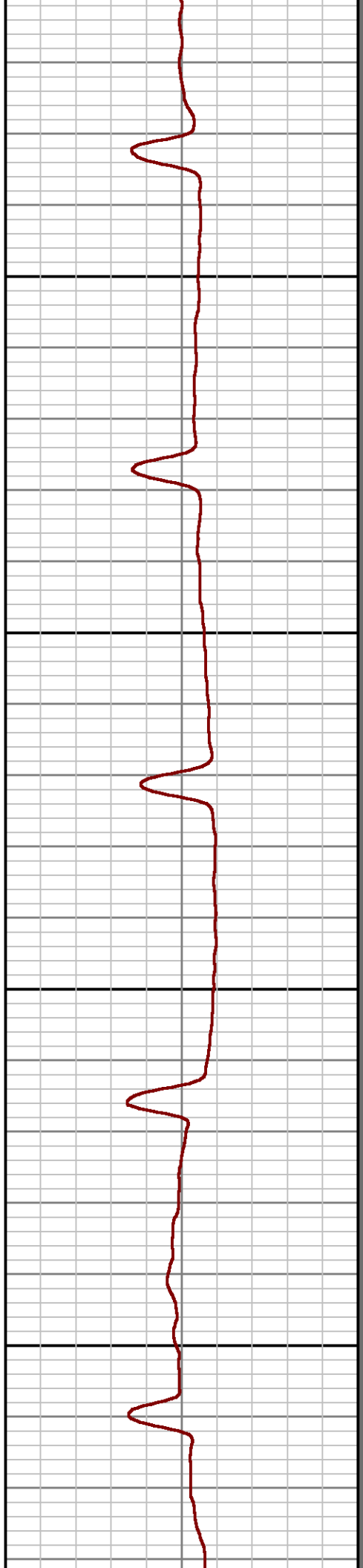
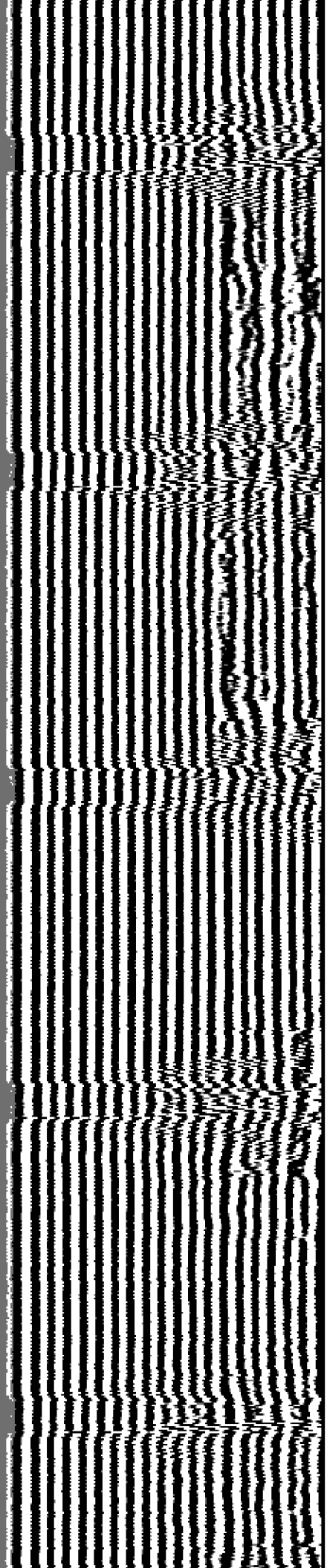


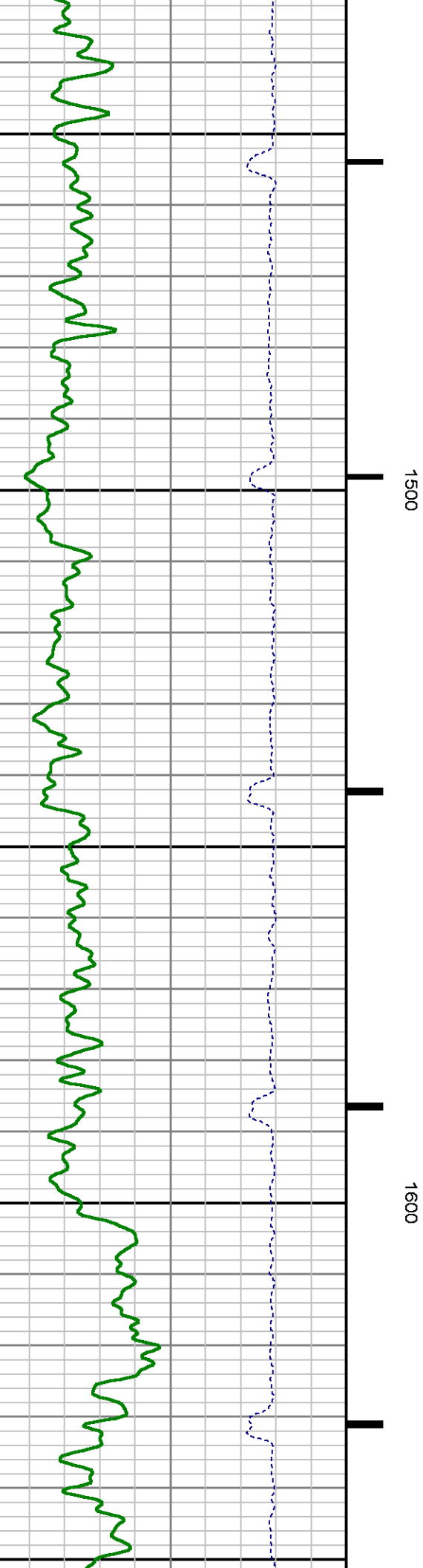
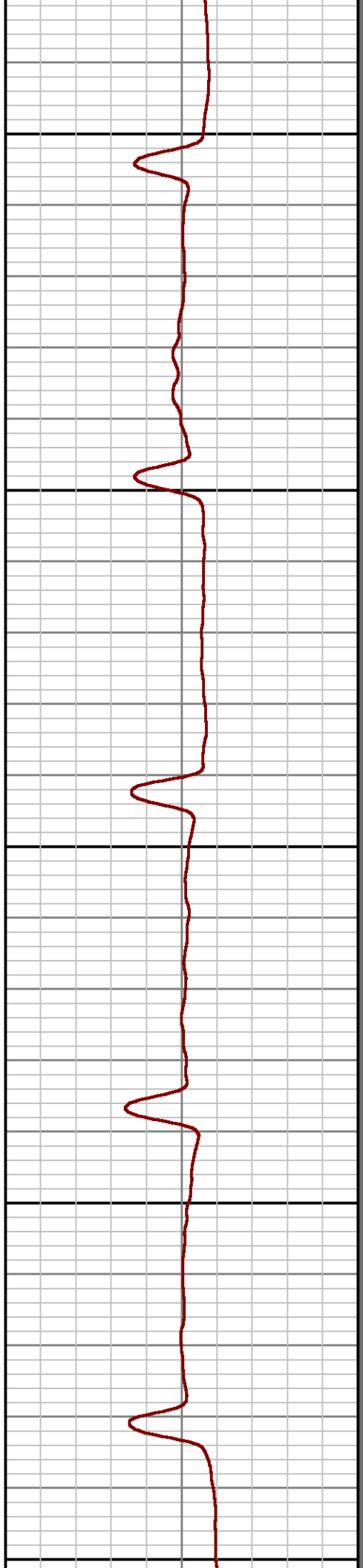
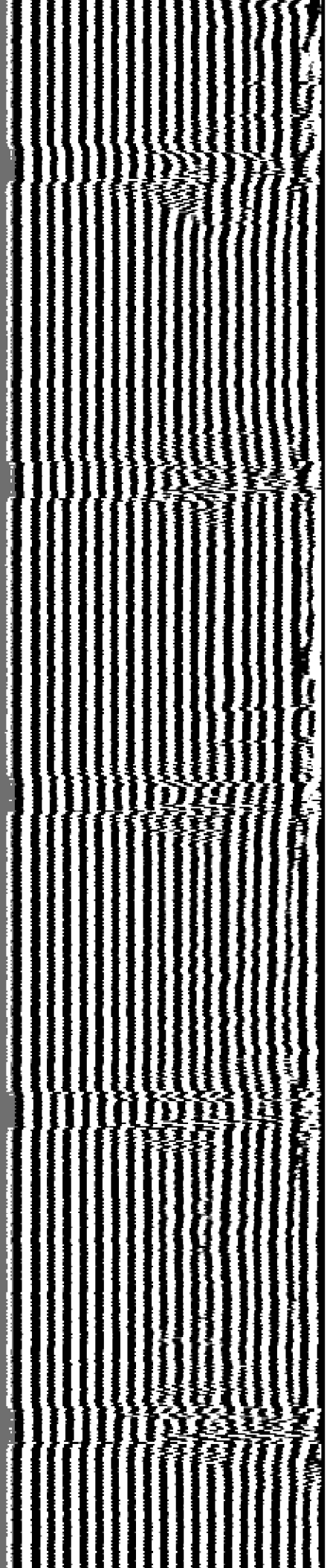
008

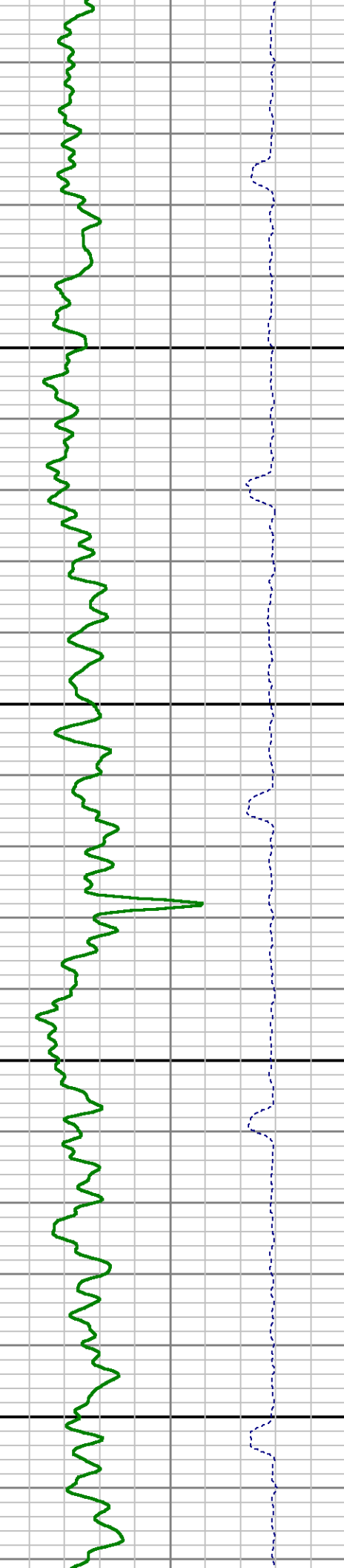
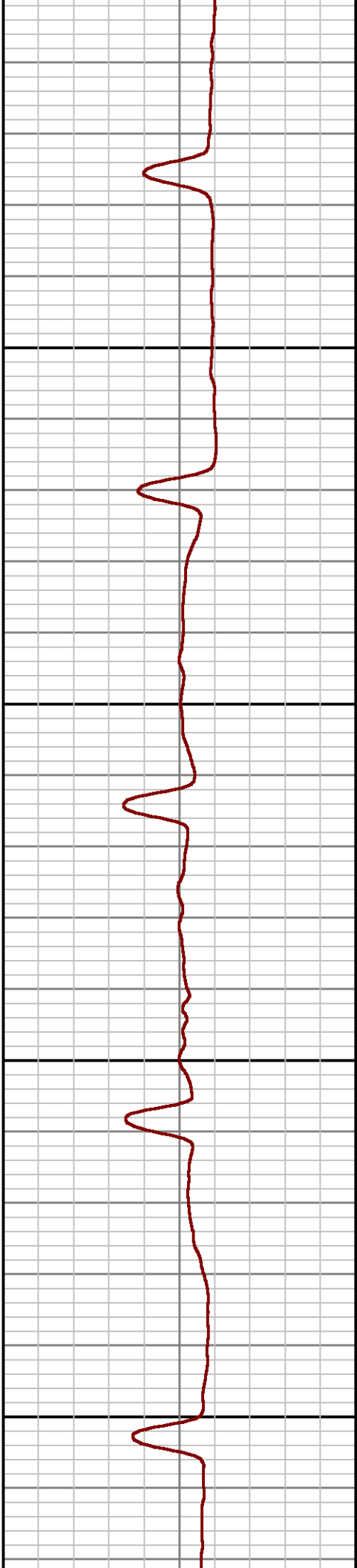
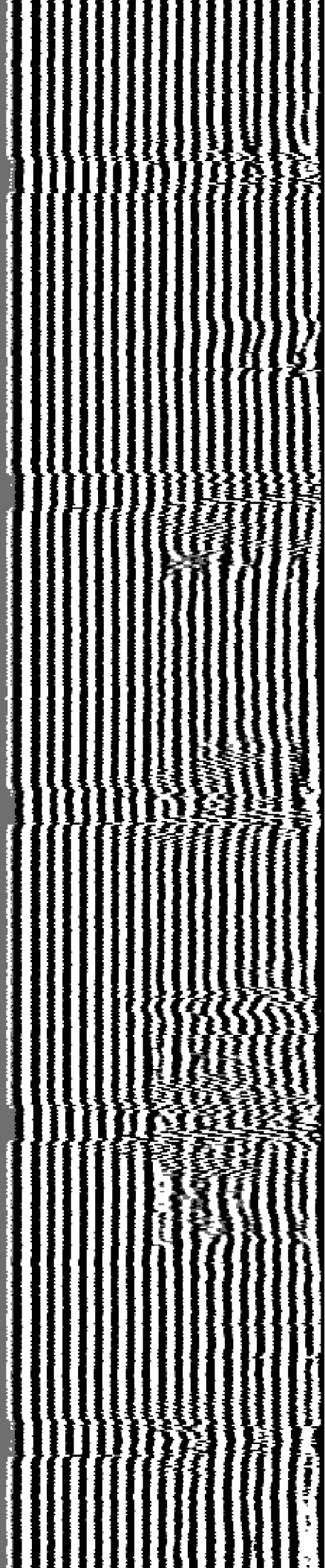
009

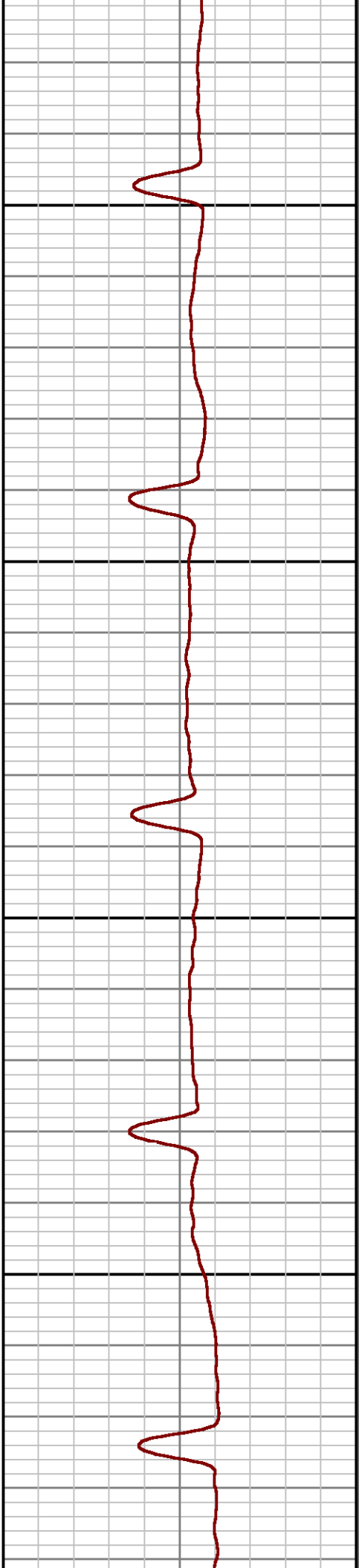
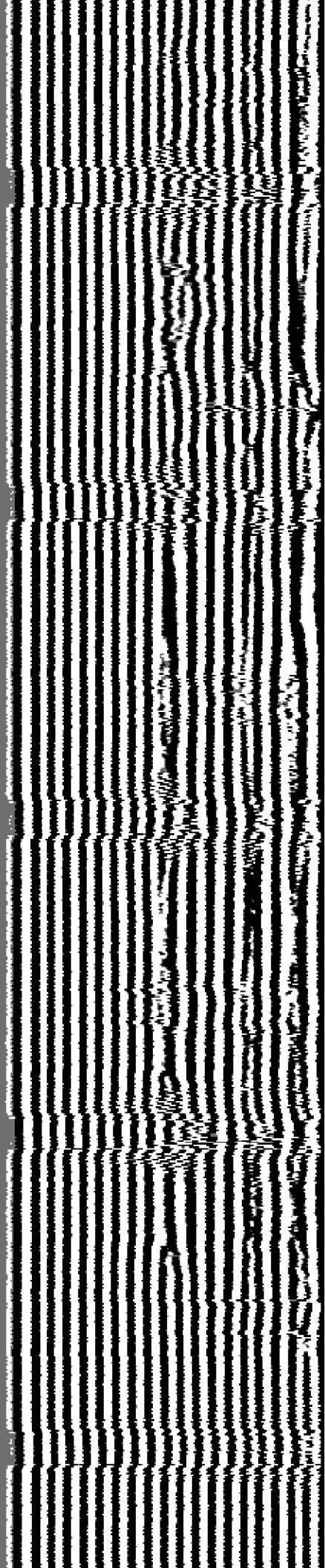






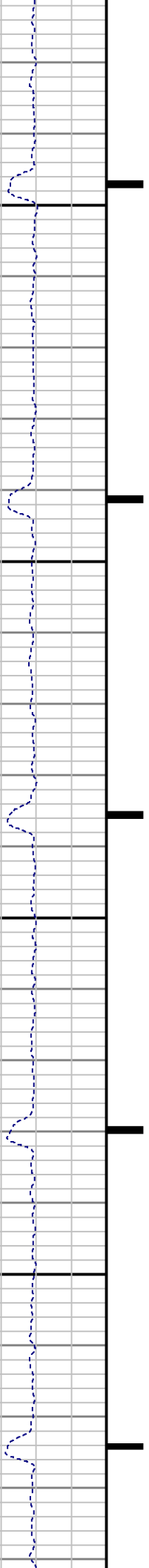


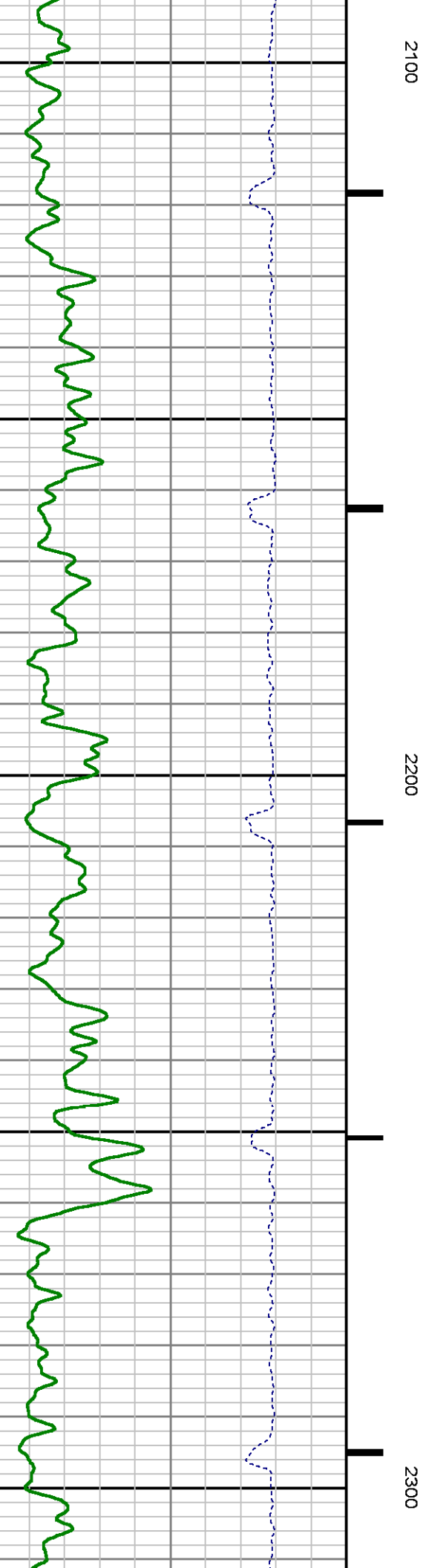
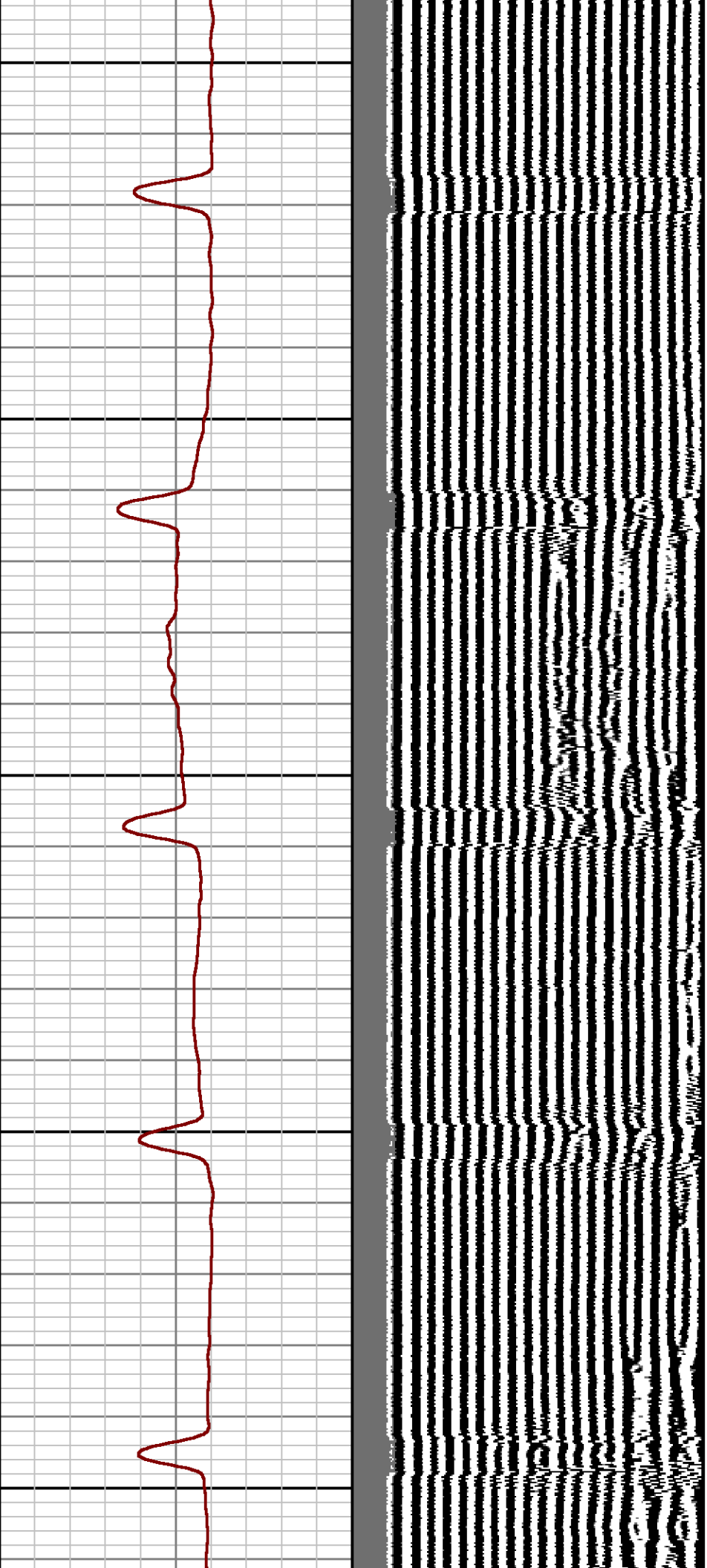


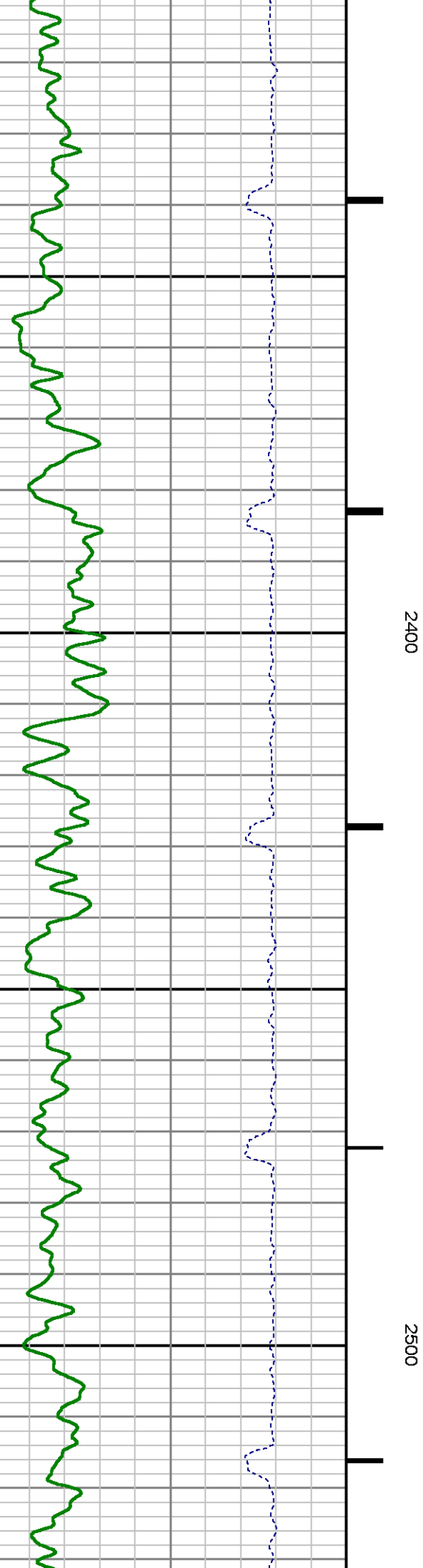
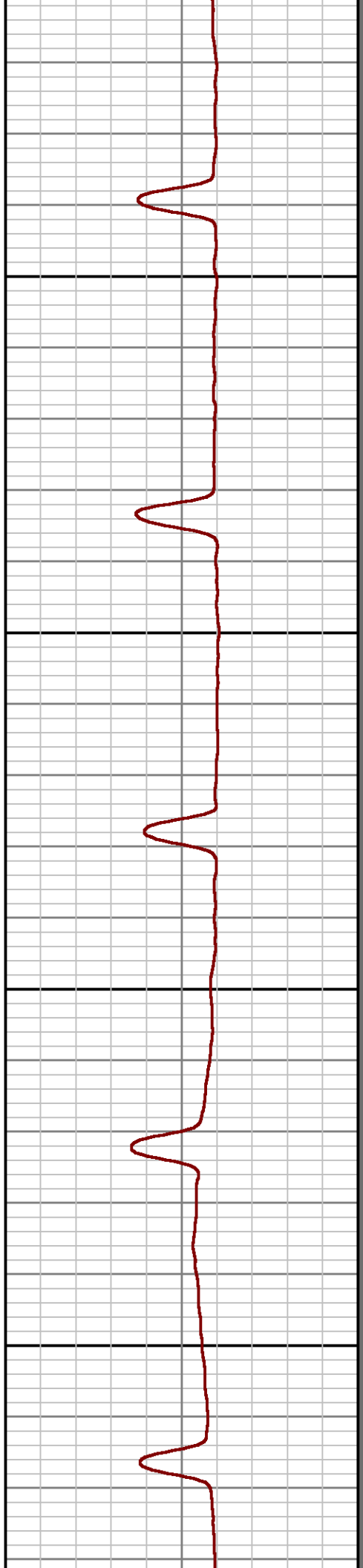
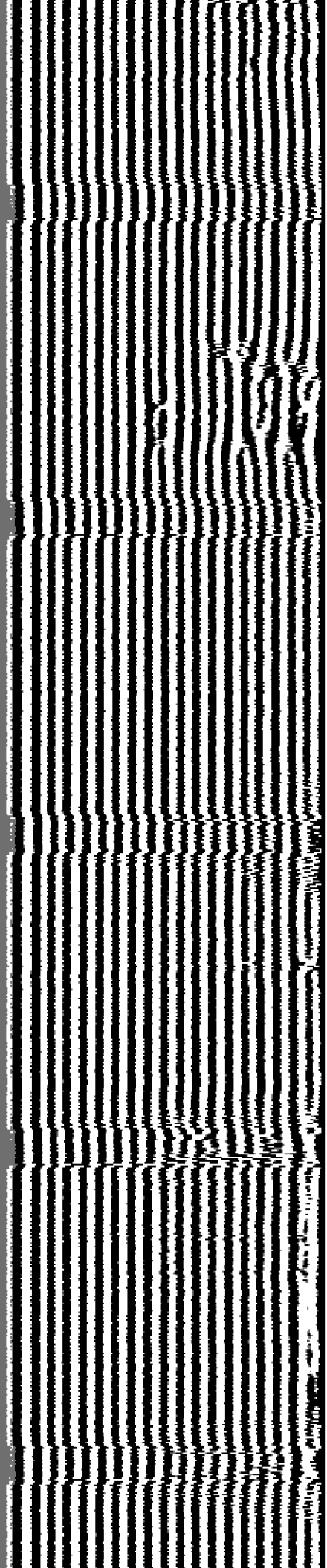


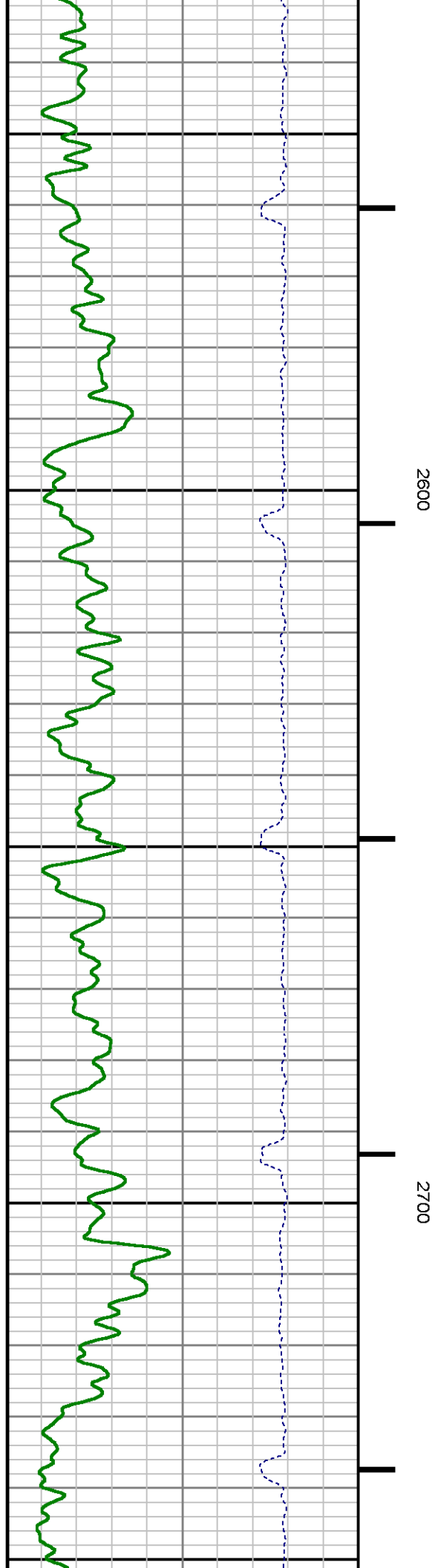
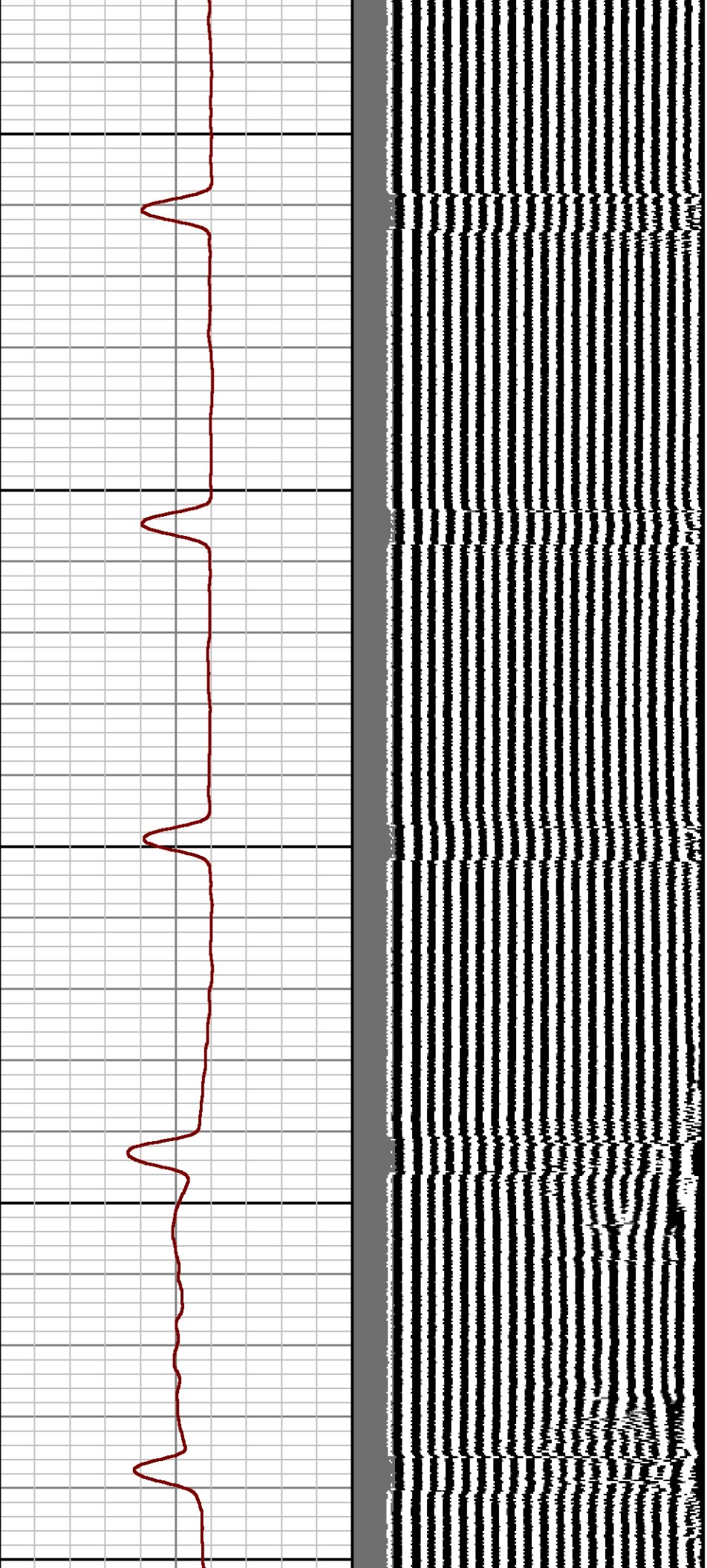
1900

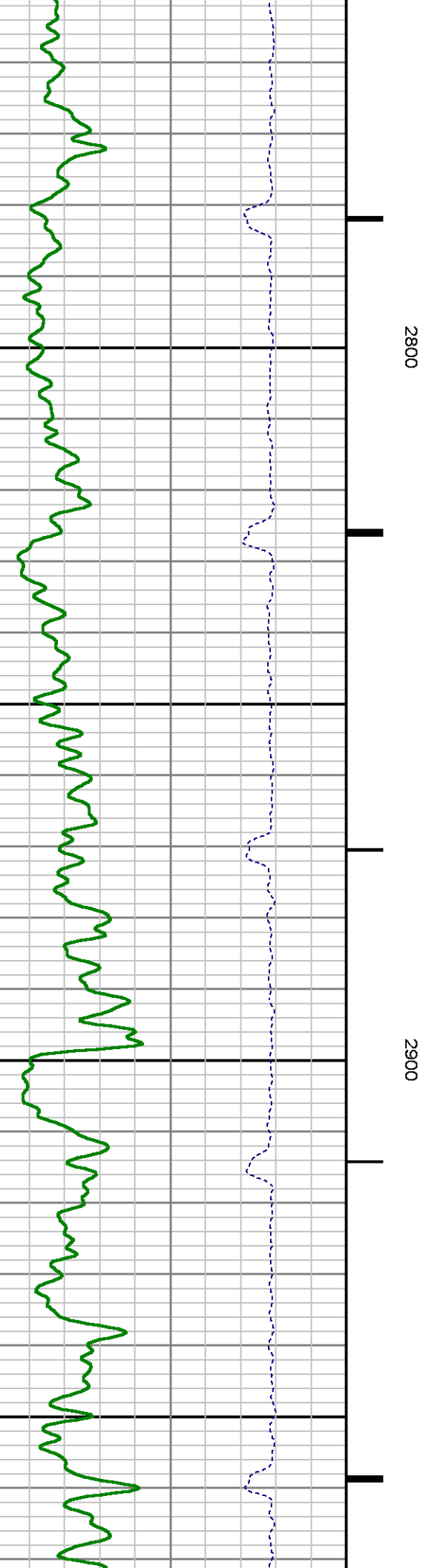
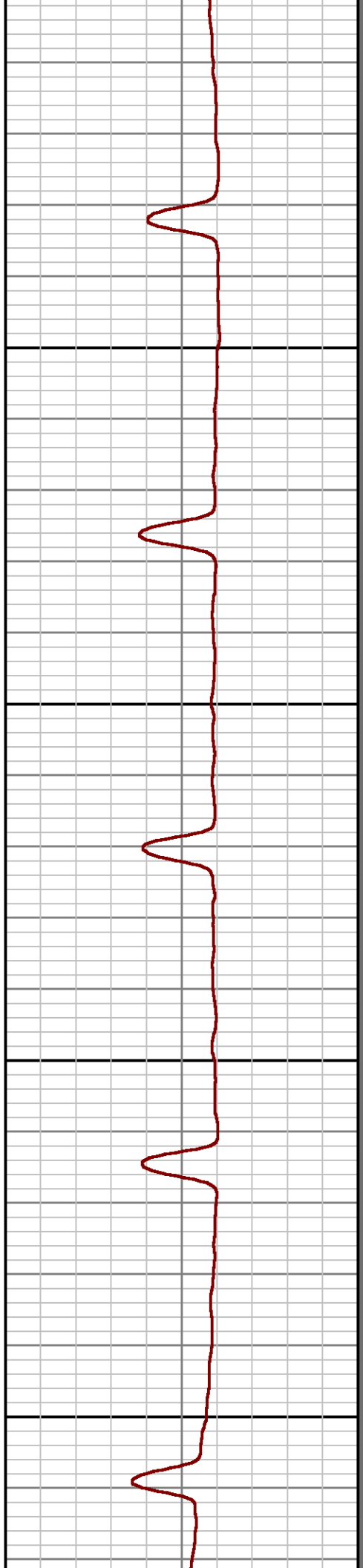
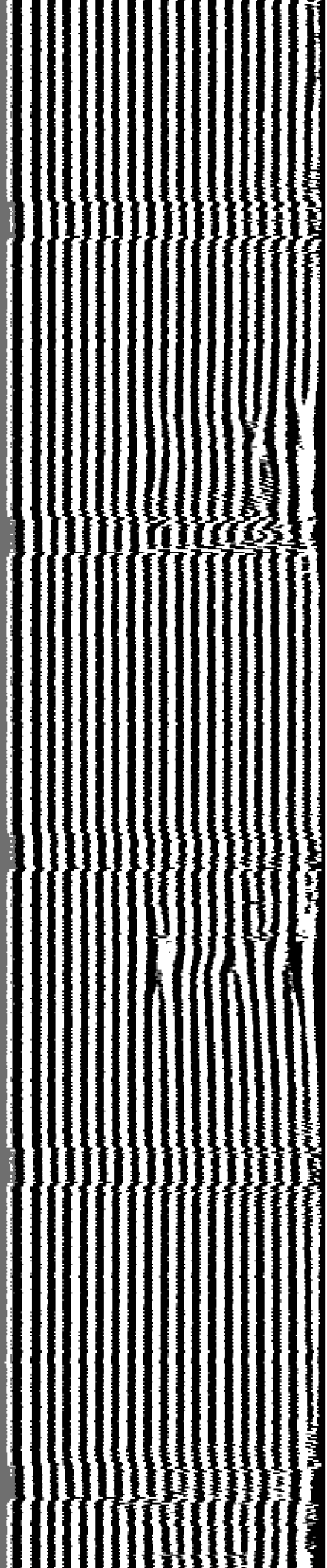
2000

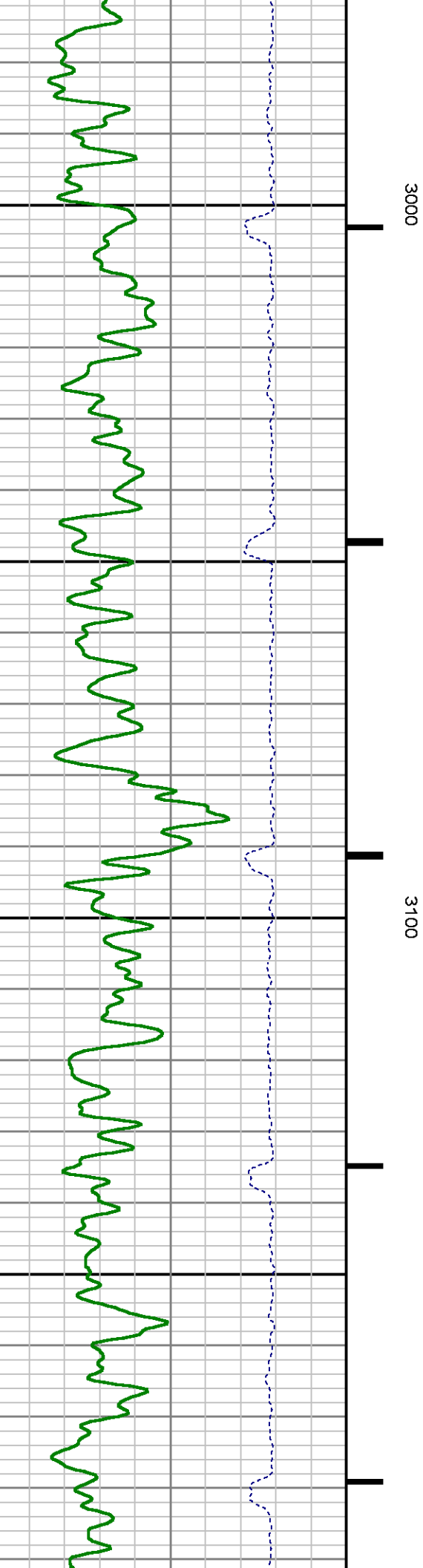
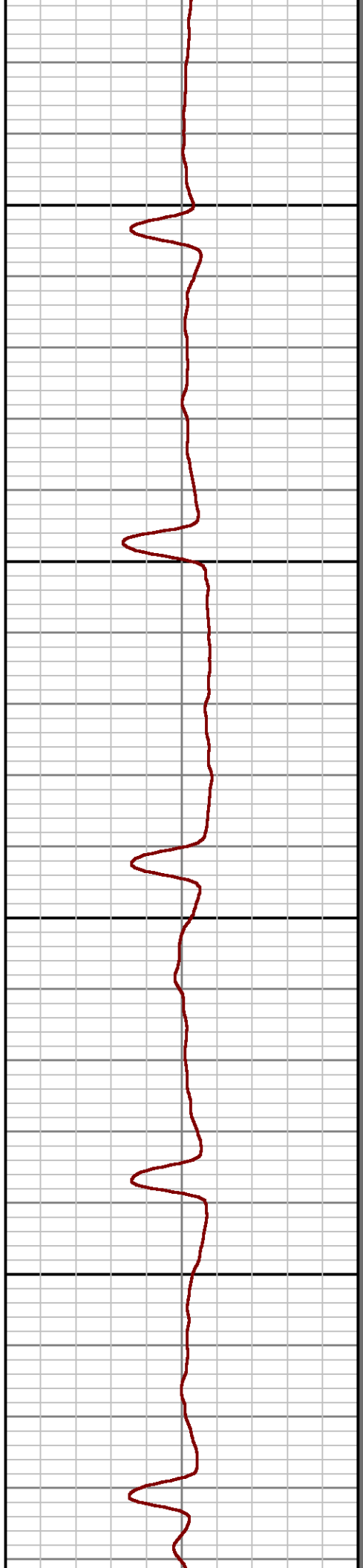
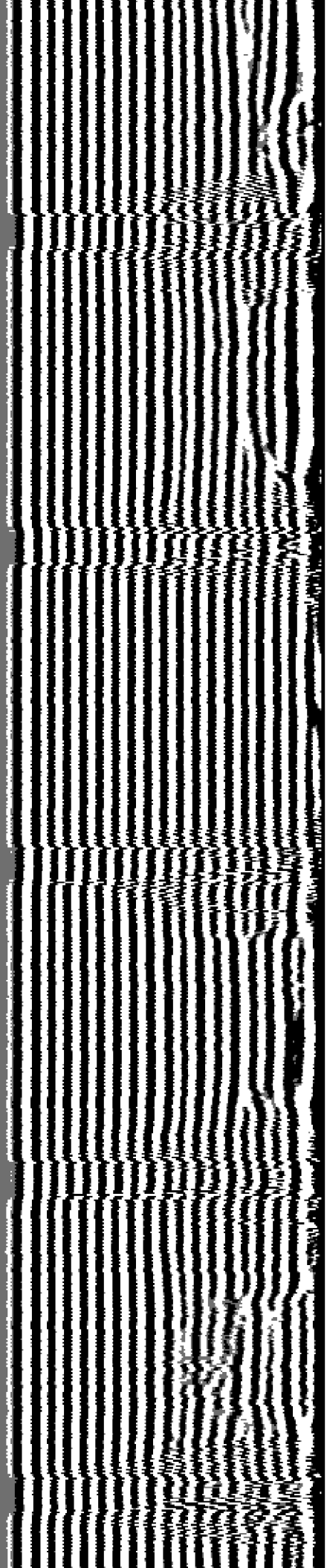


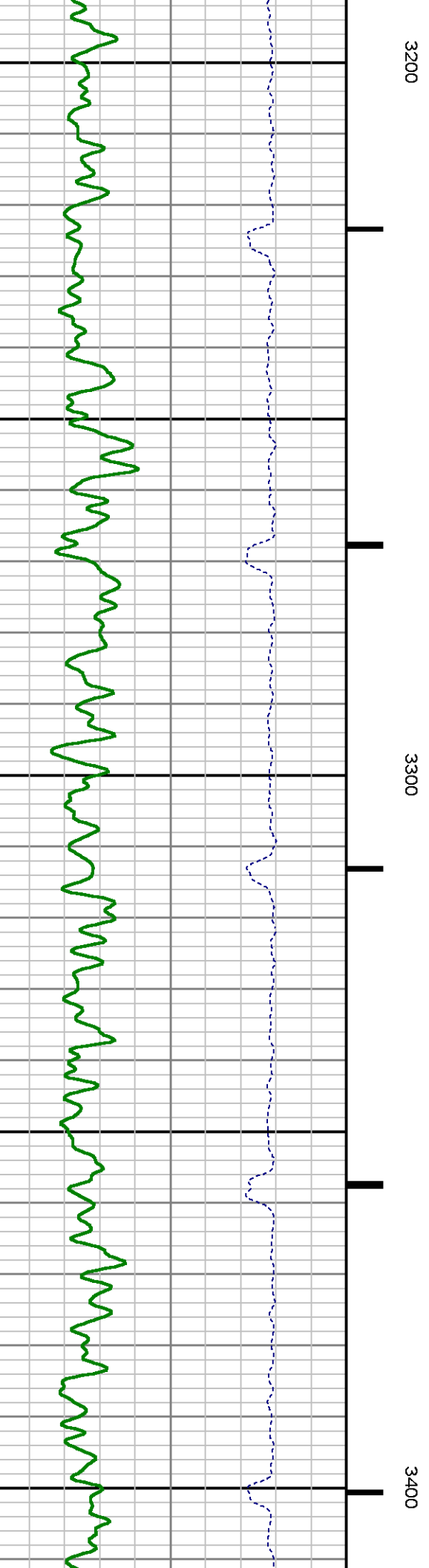
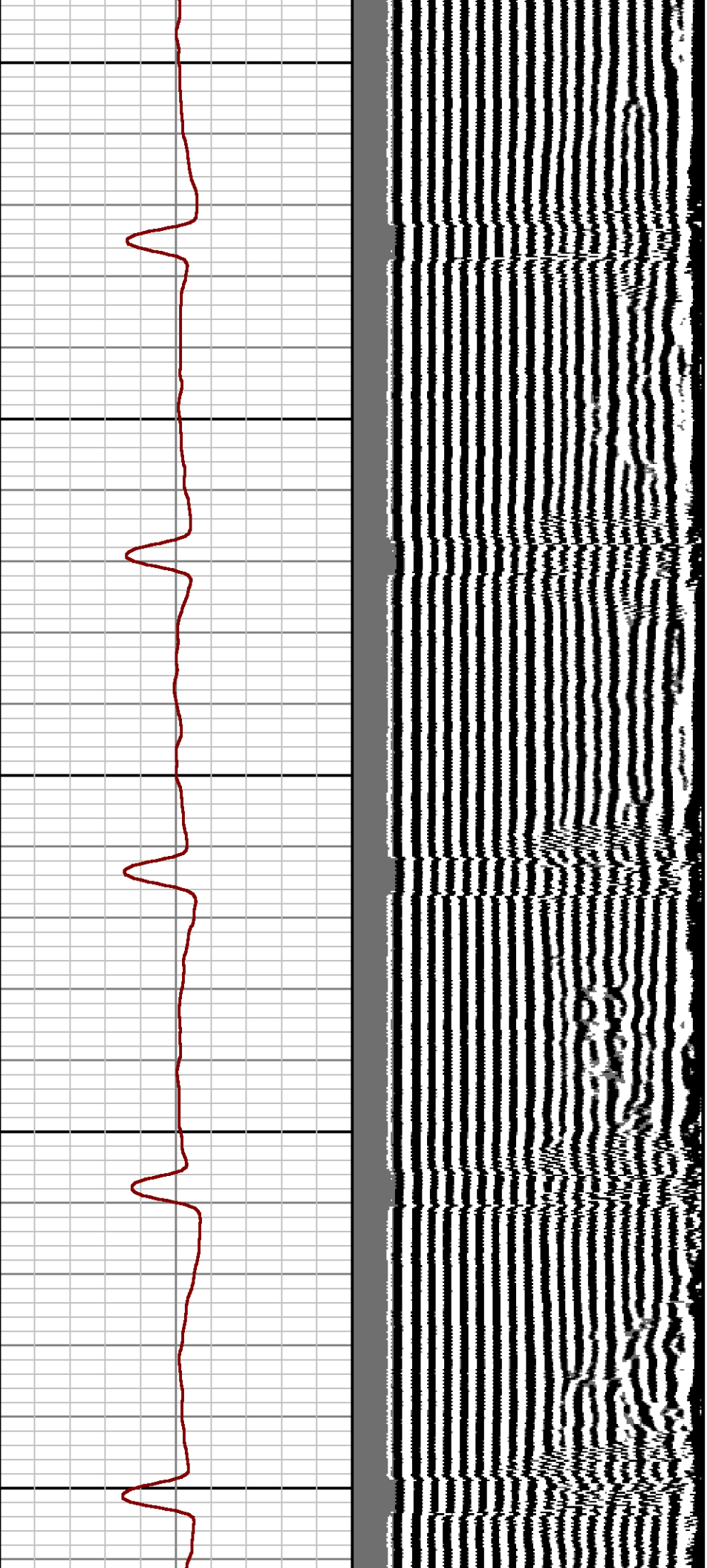


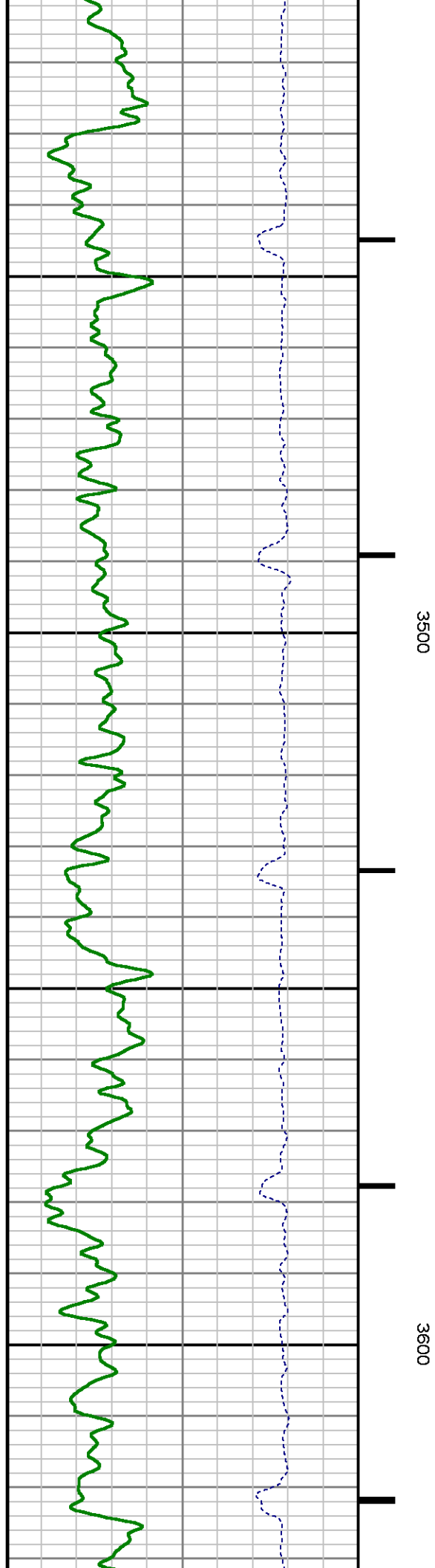
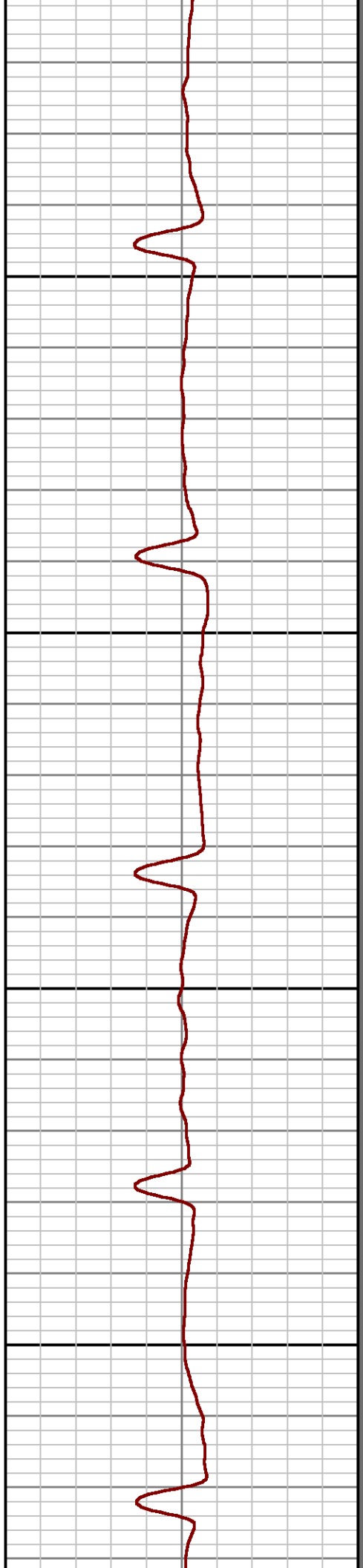
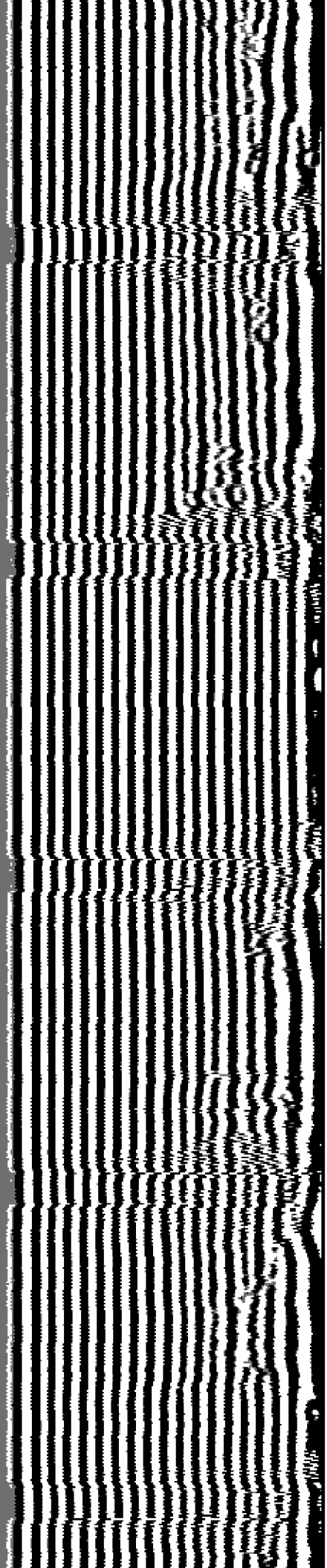


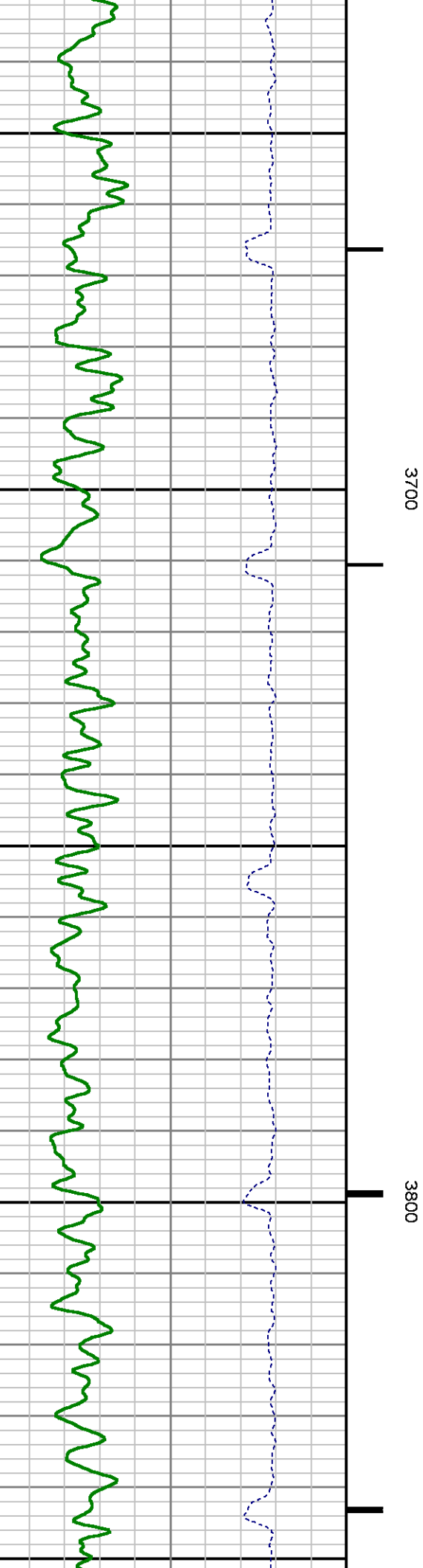
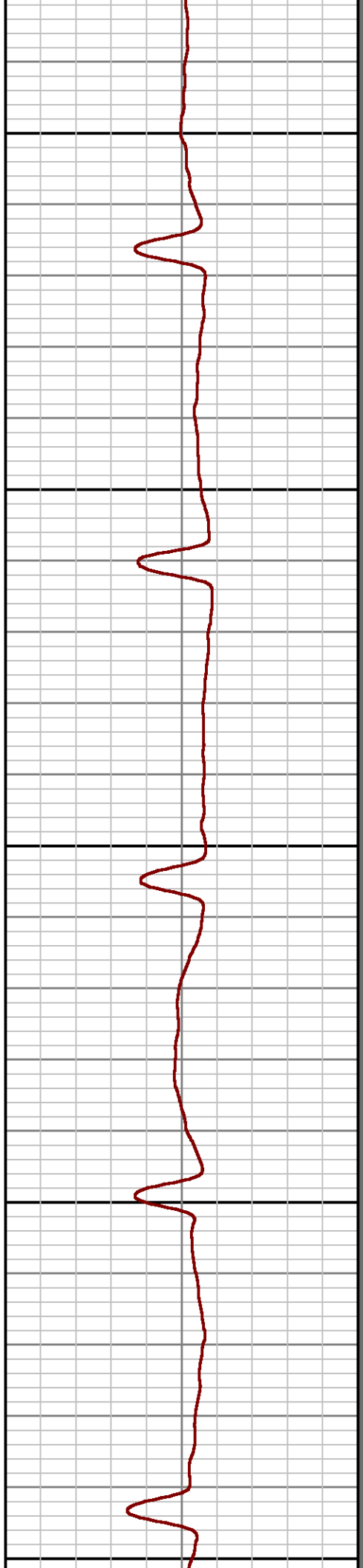
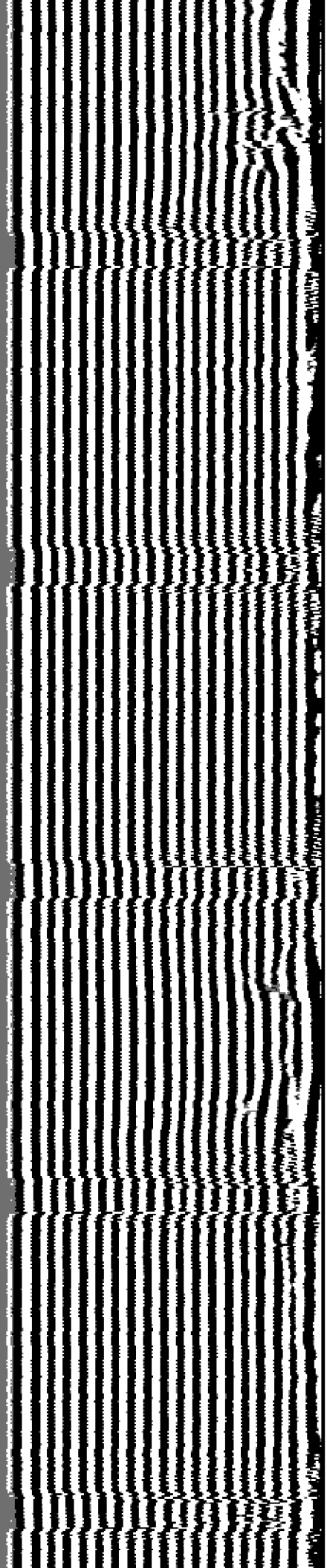


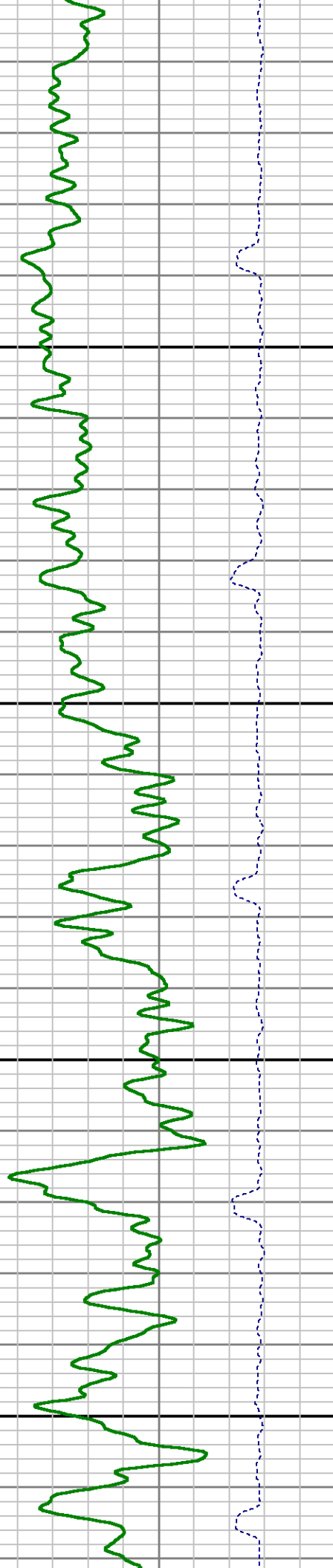
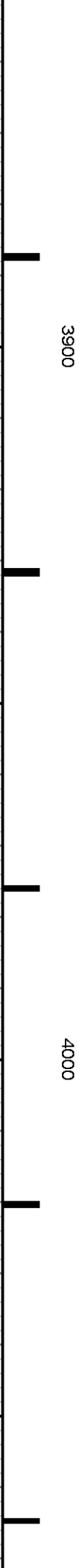
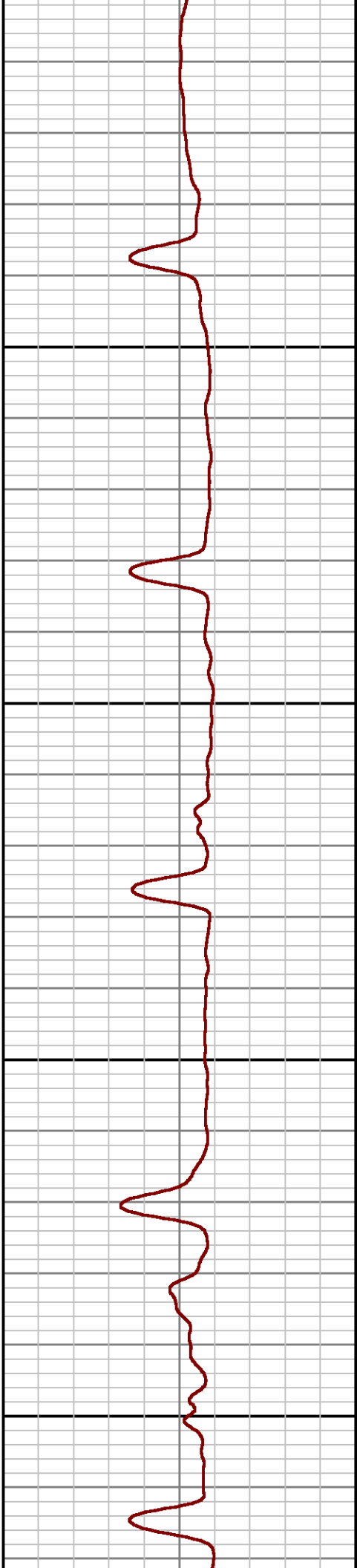
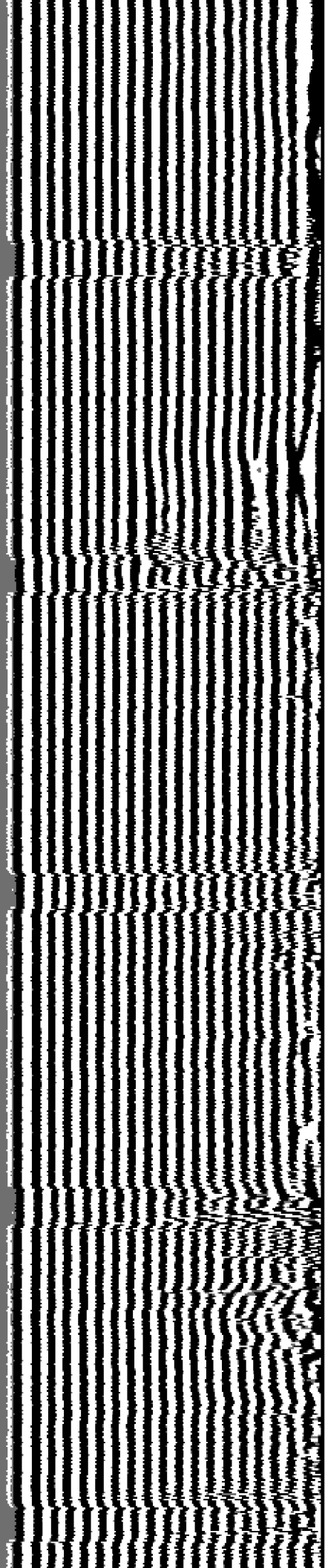


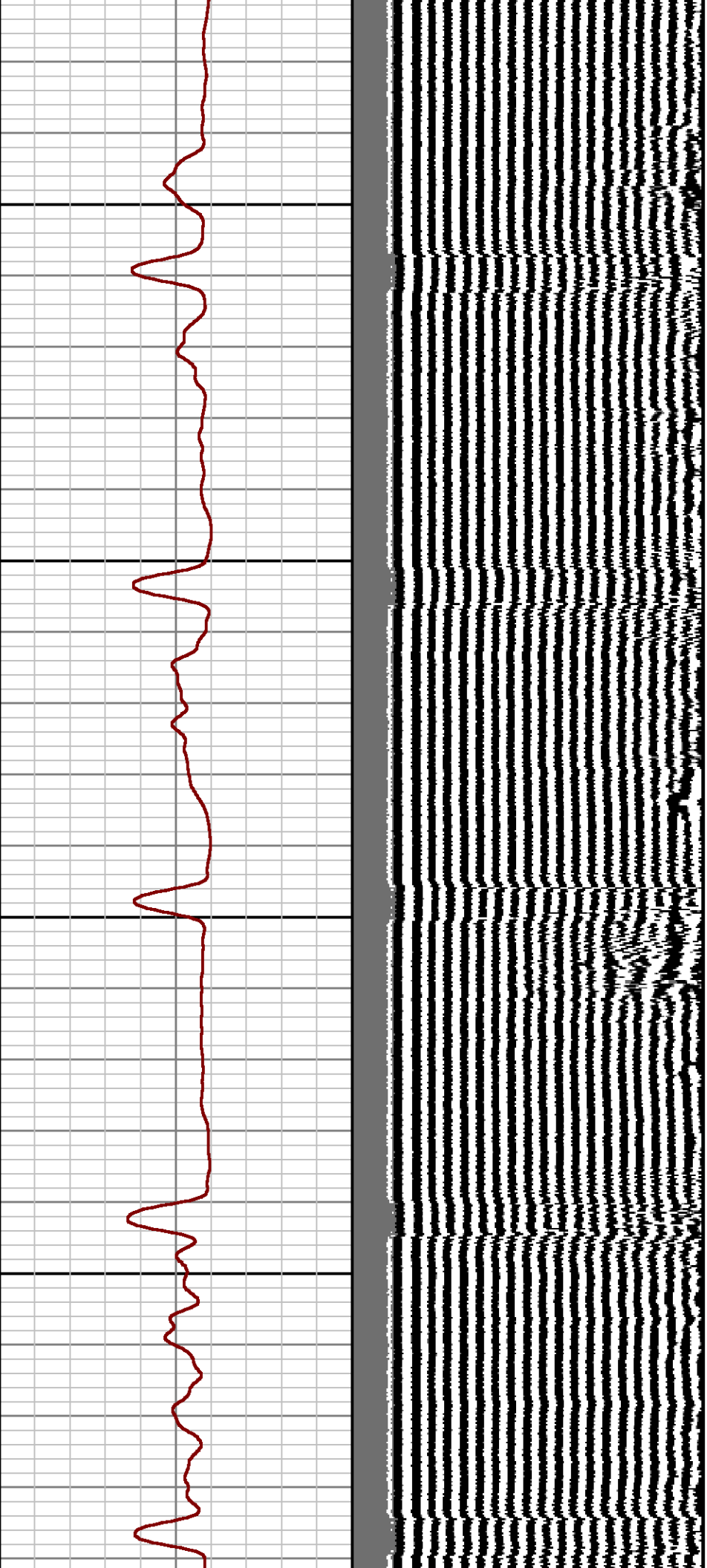






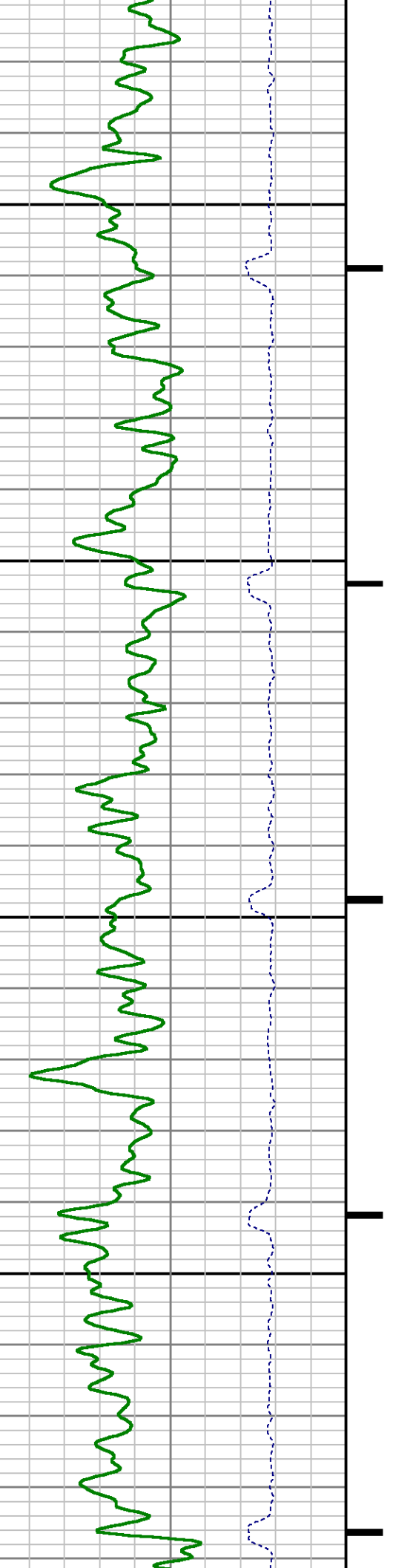


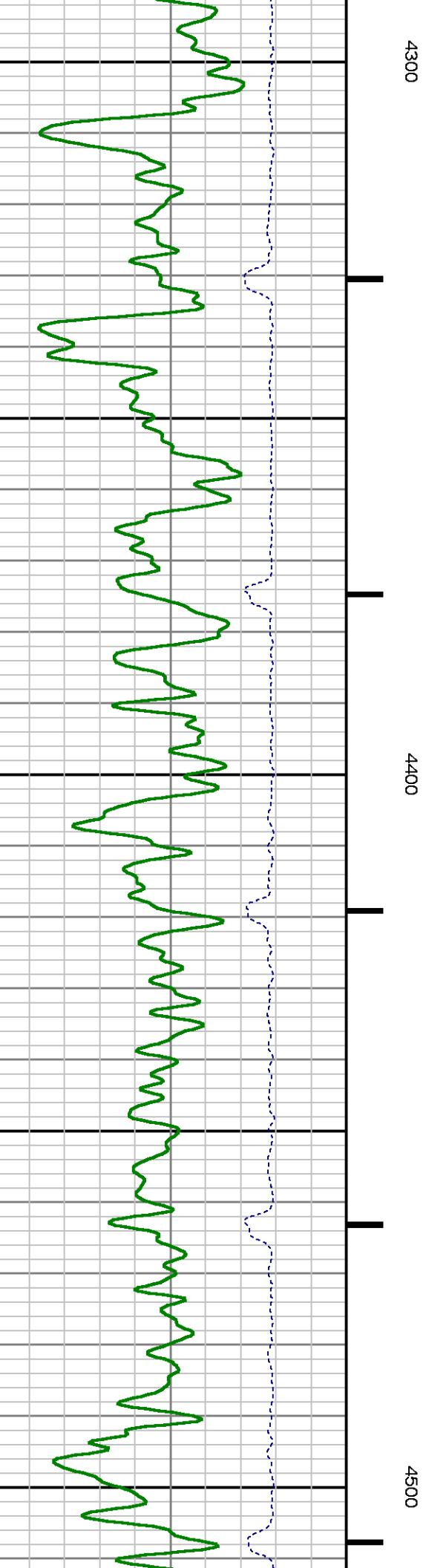
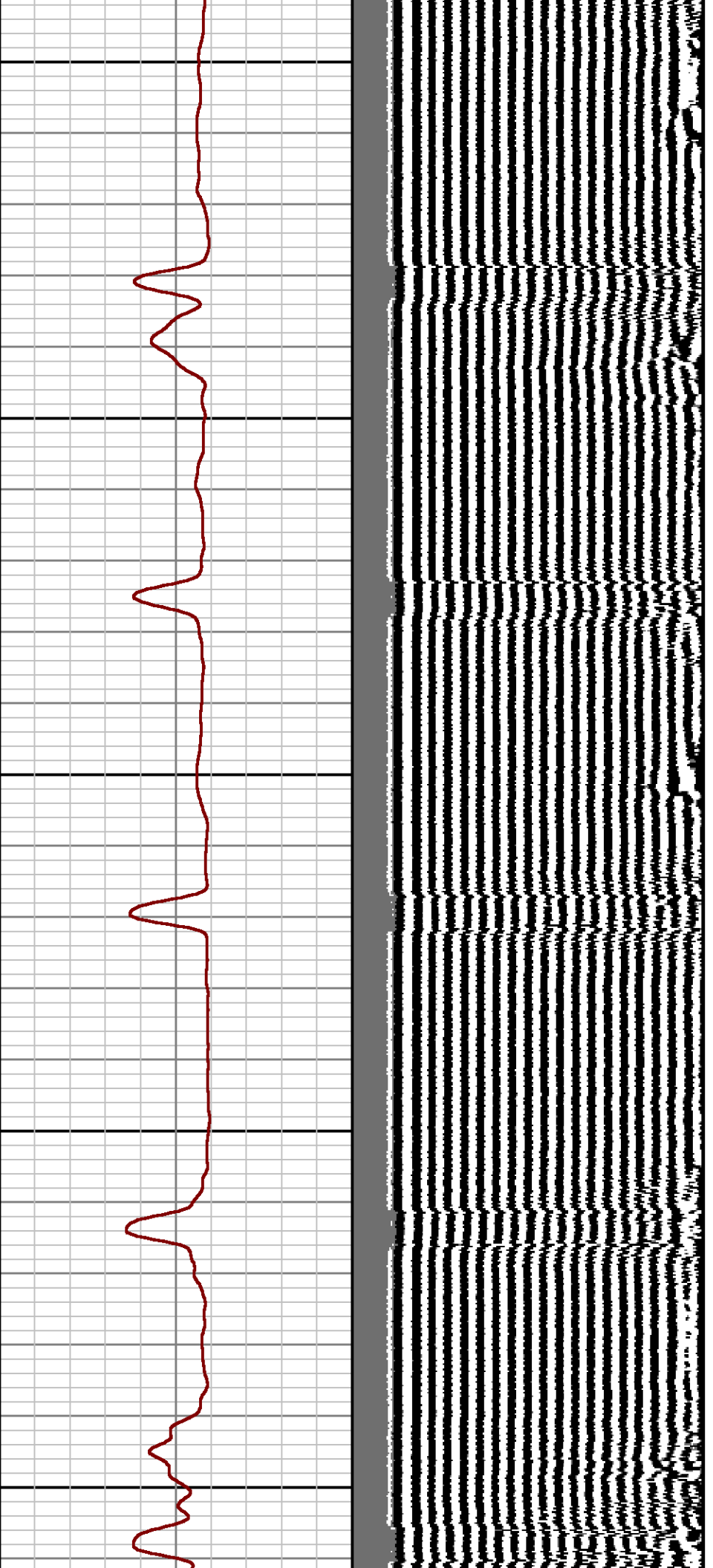


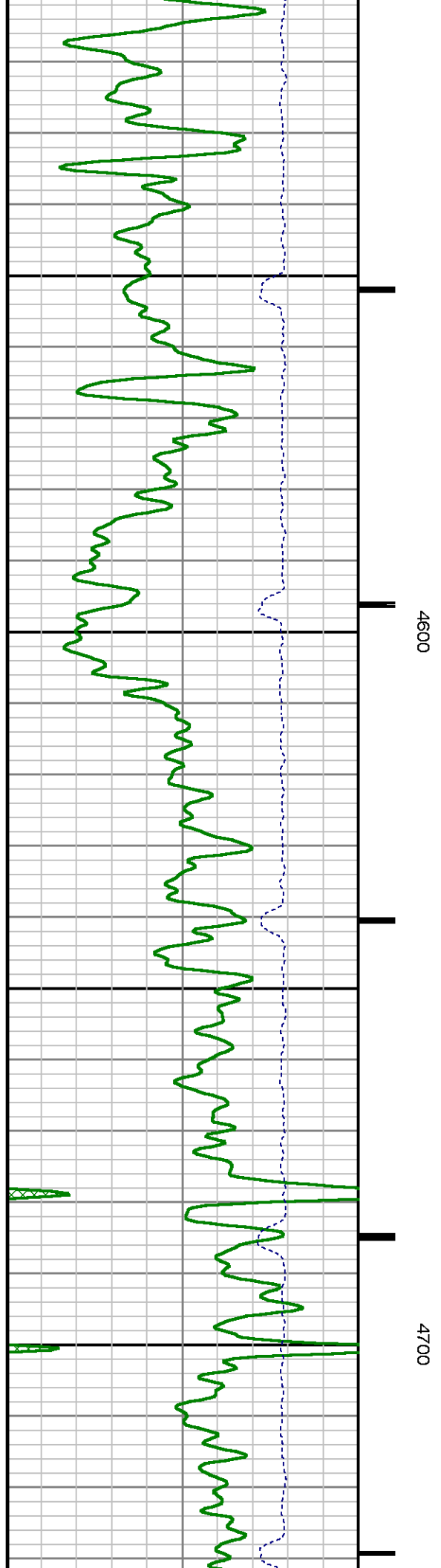
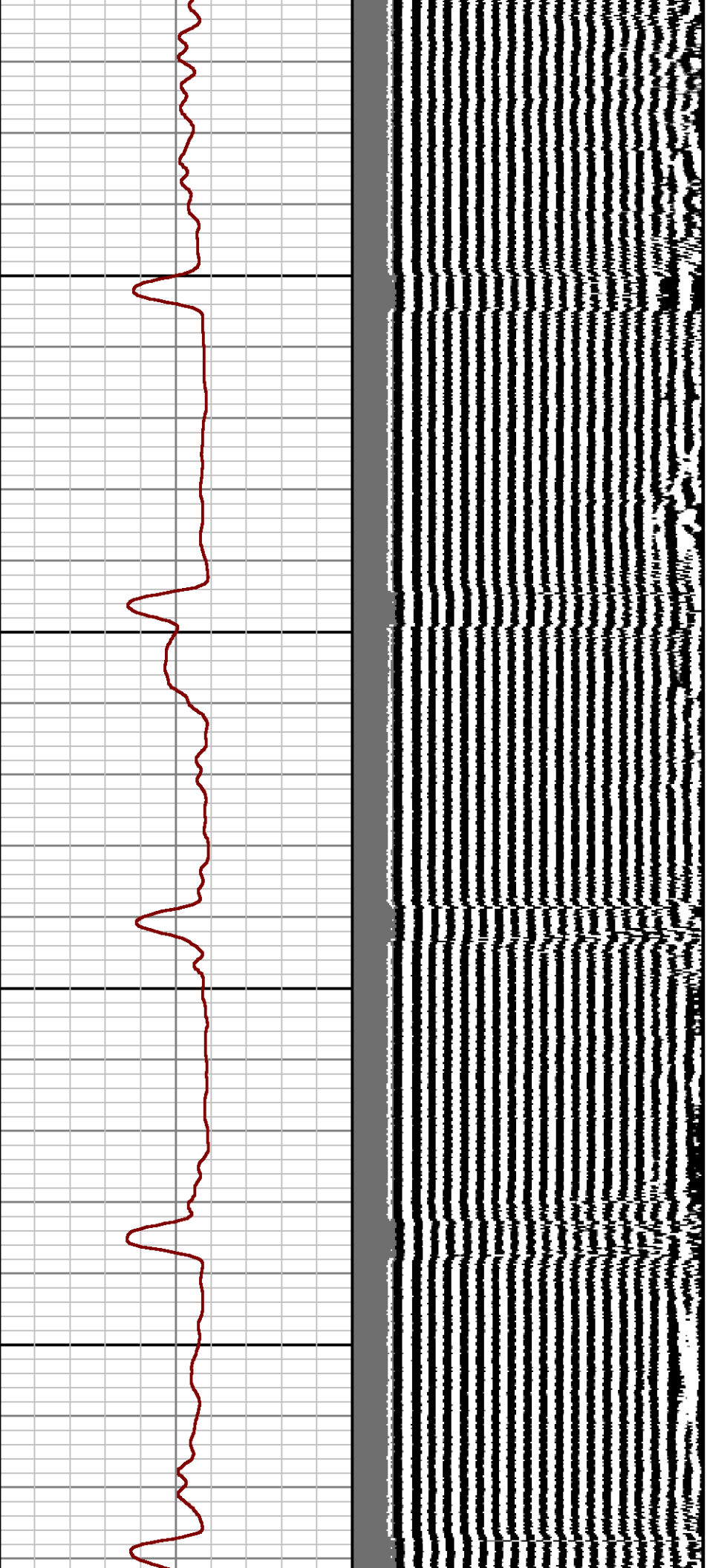


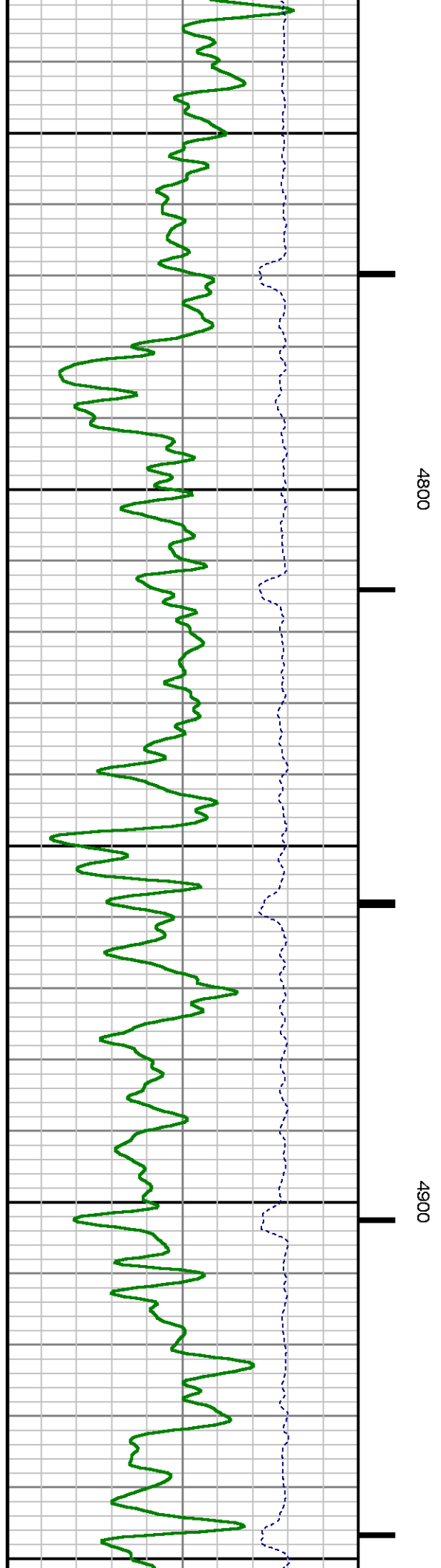
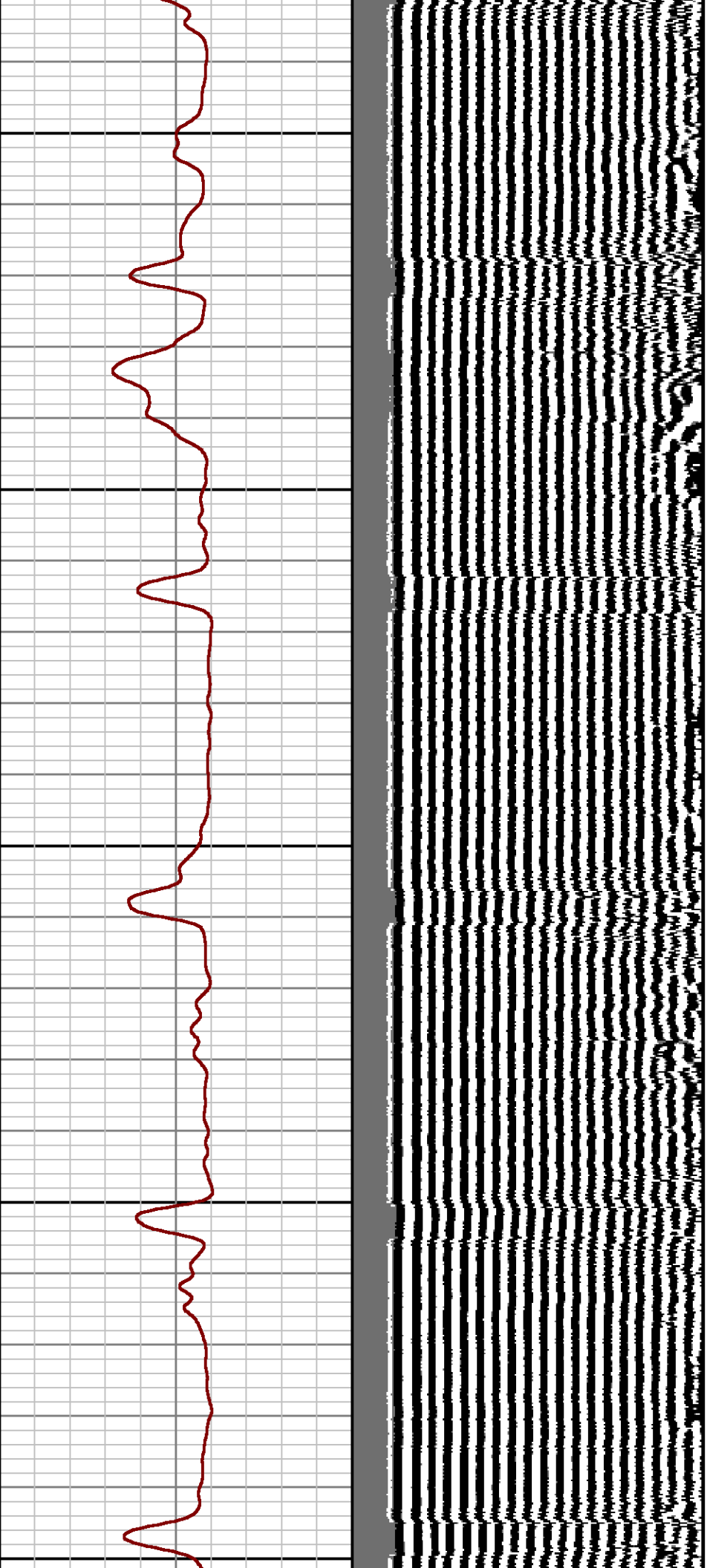
4100

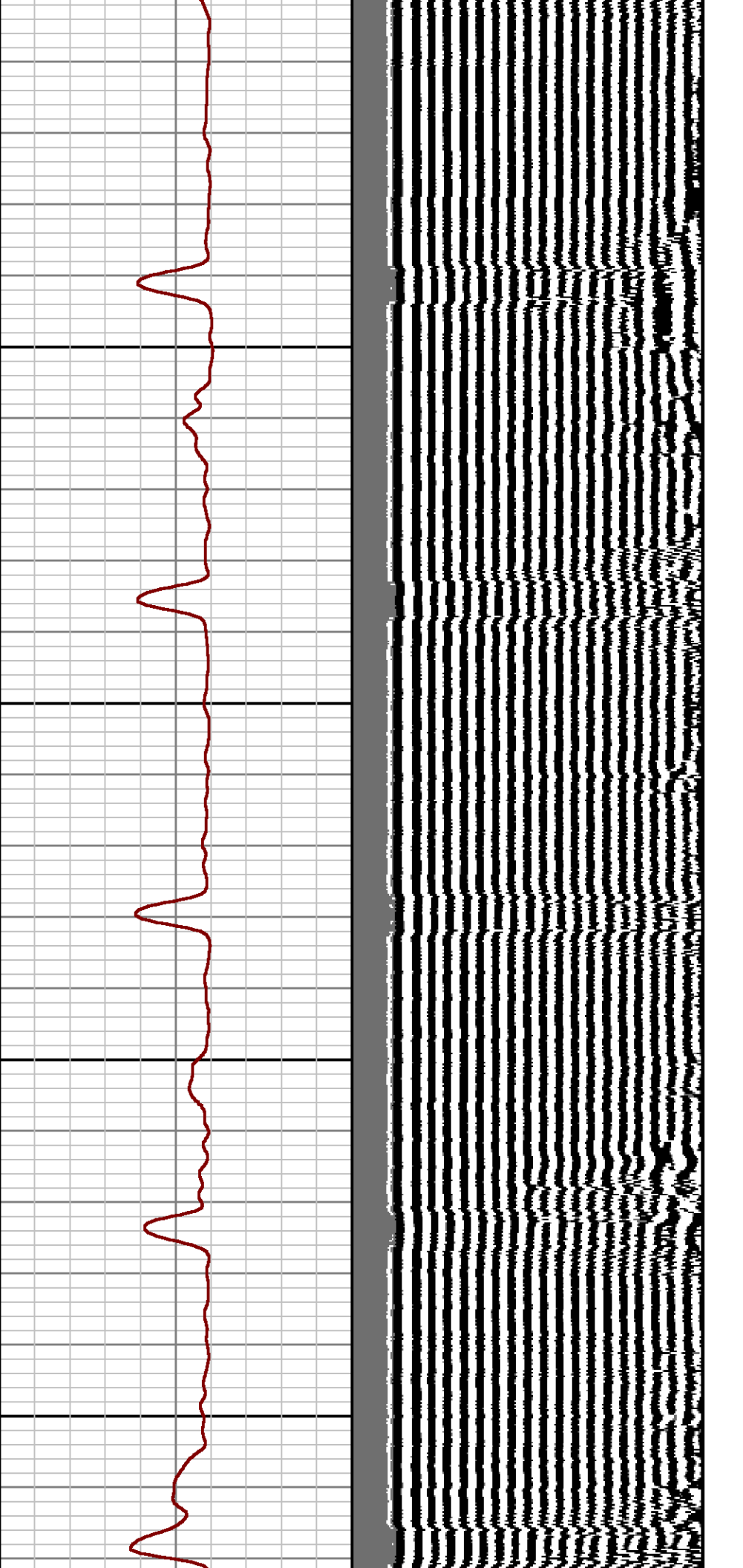
4200





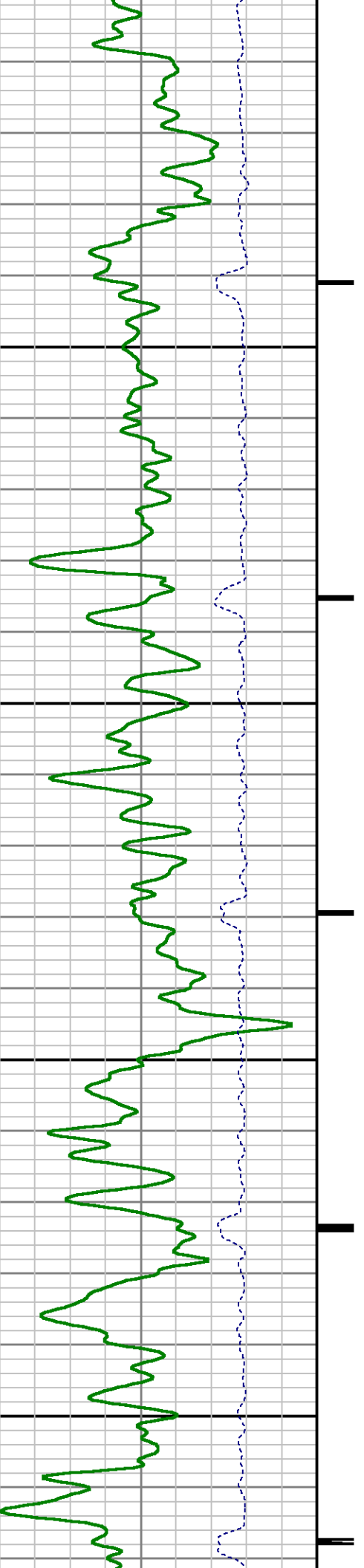


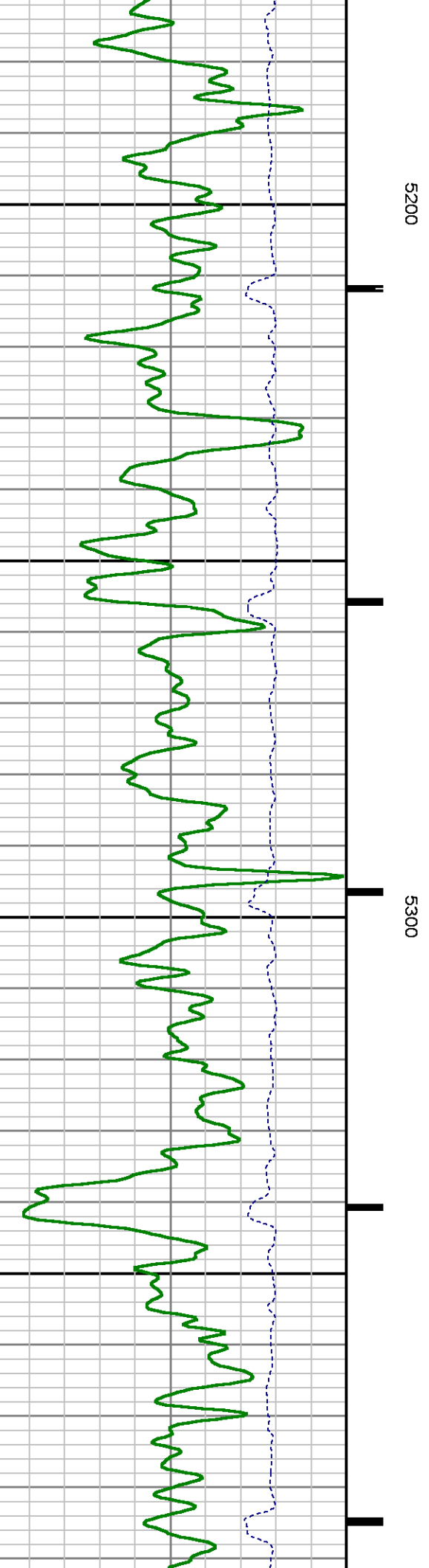
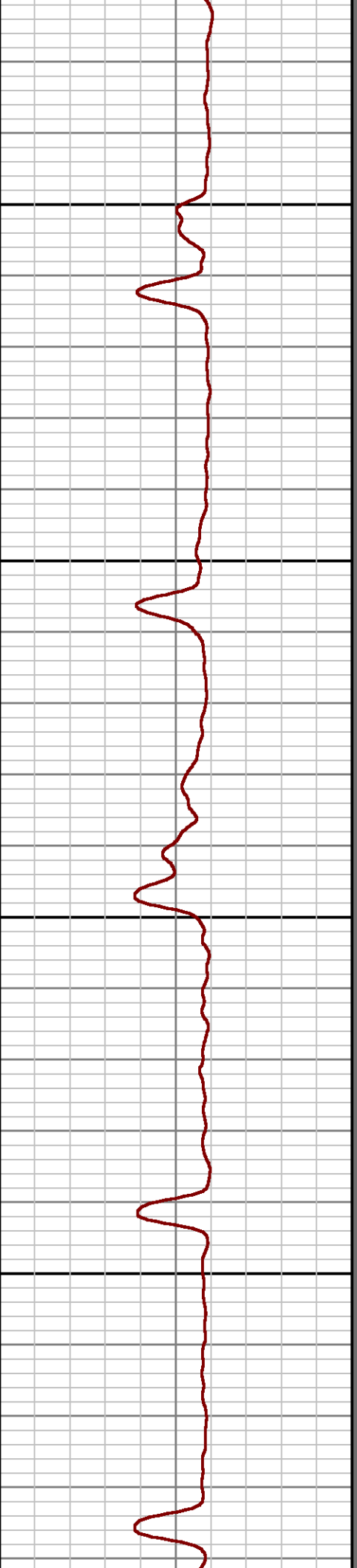
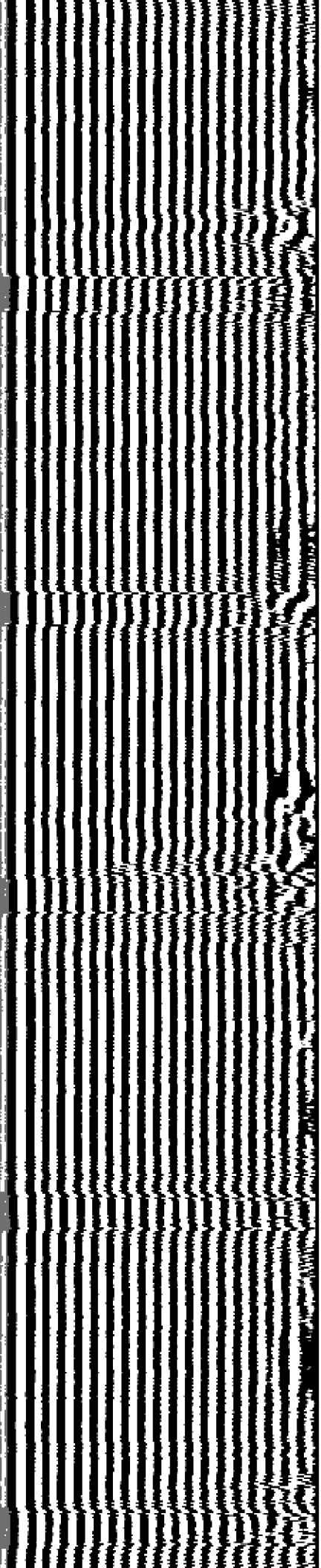


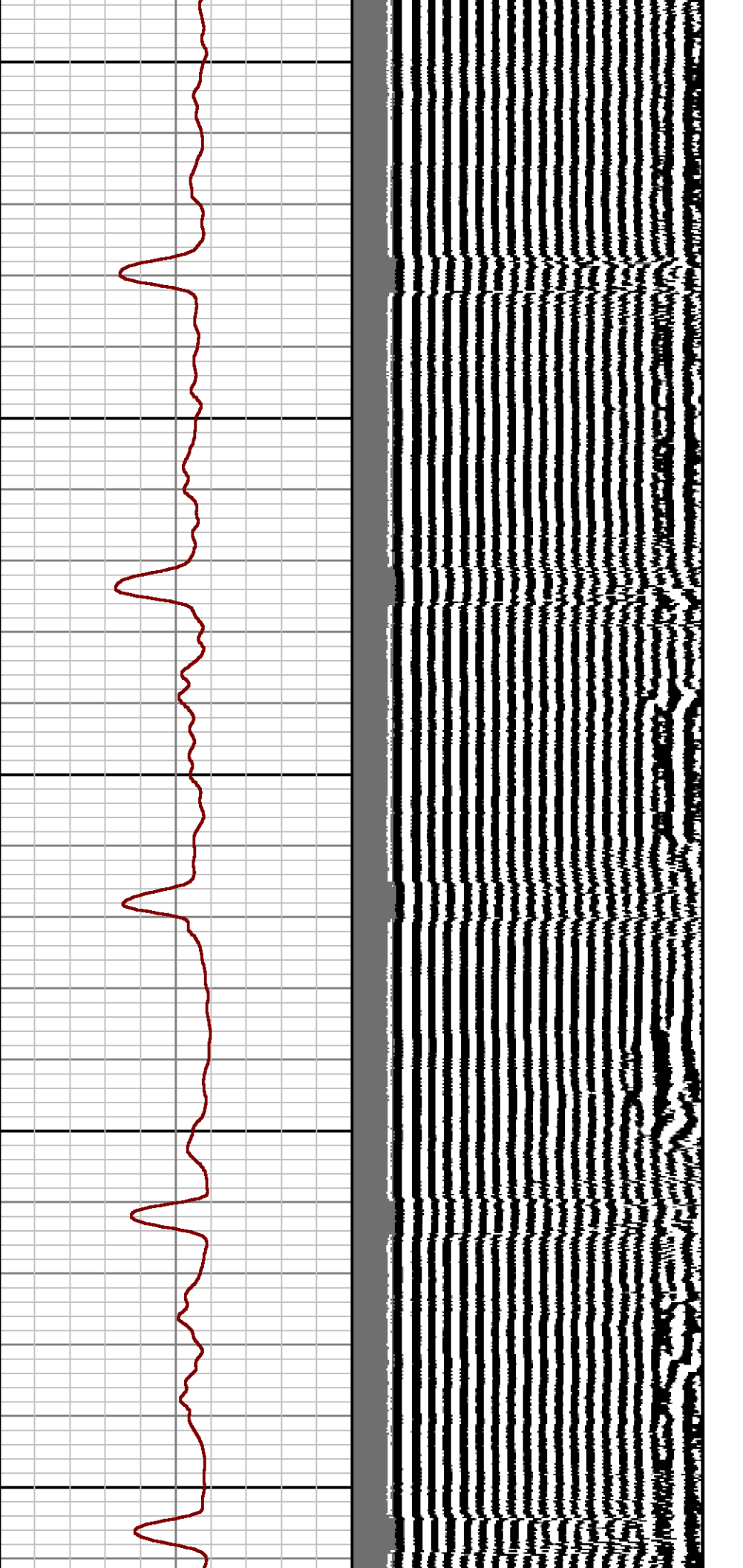


5000

5100



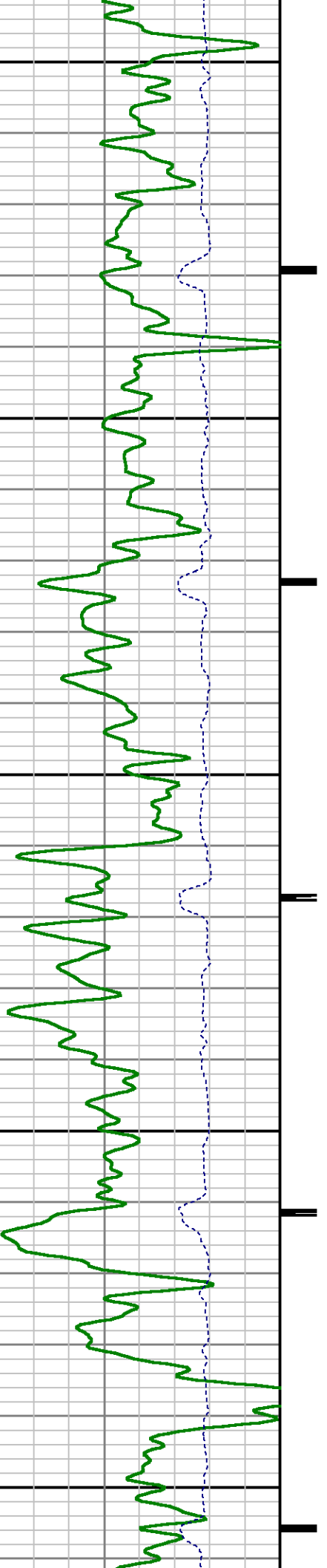


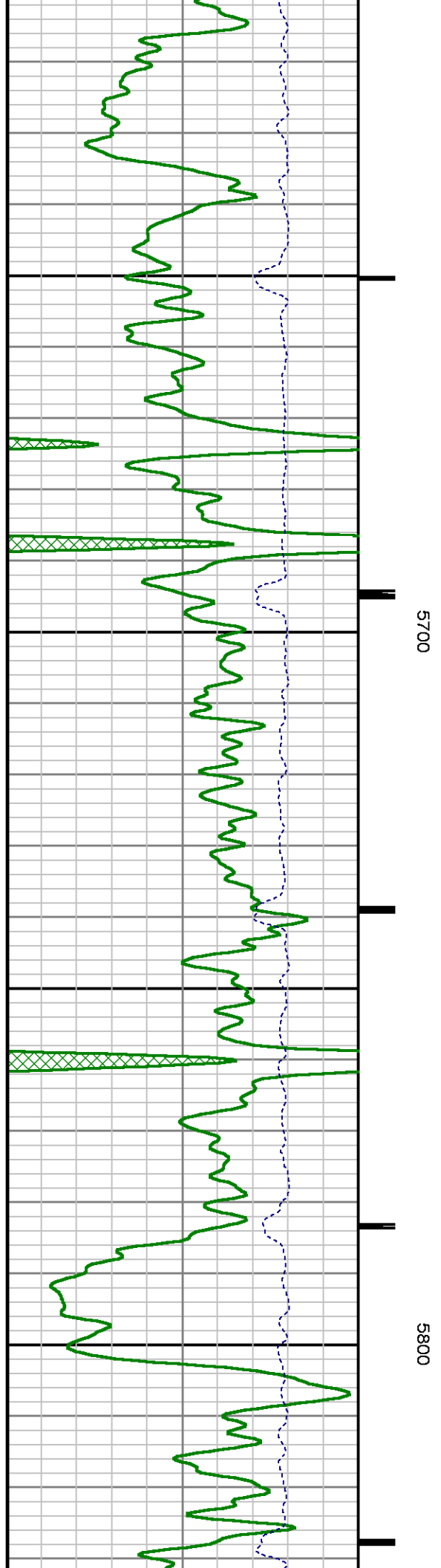
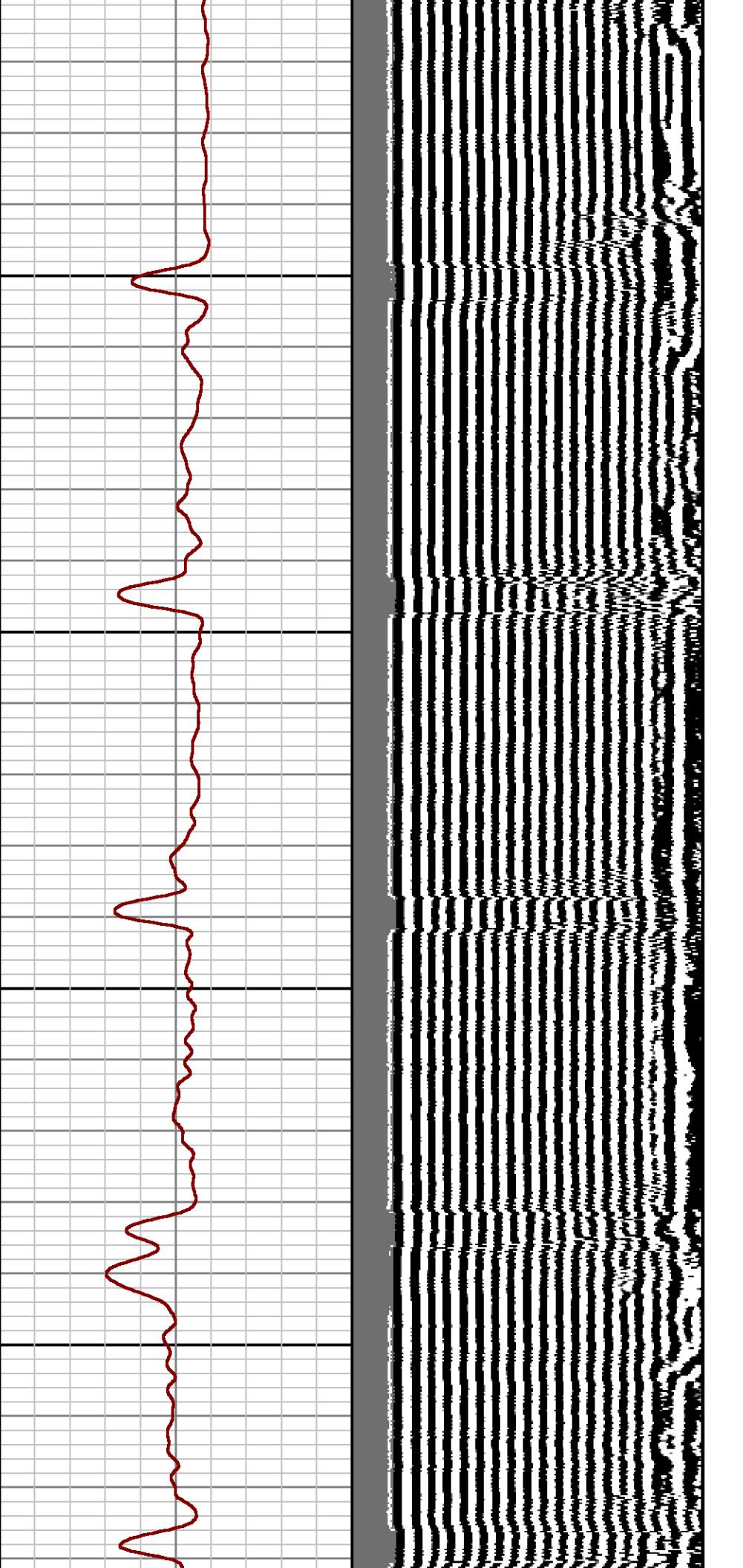


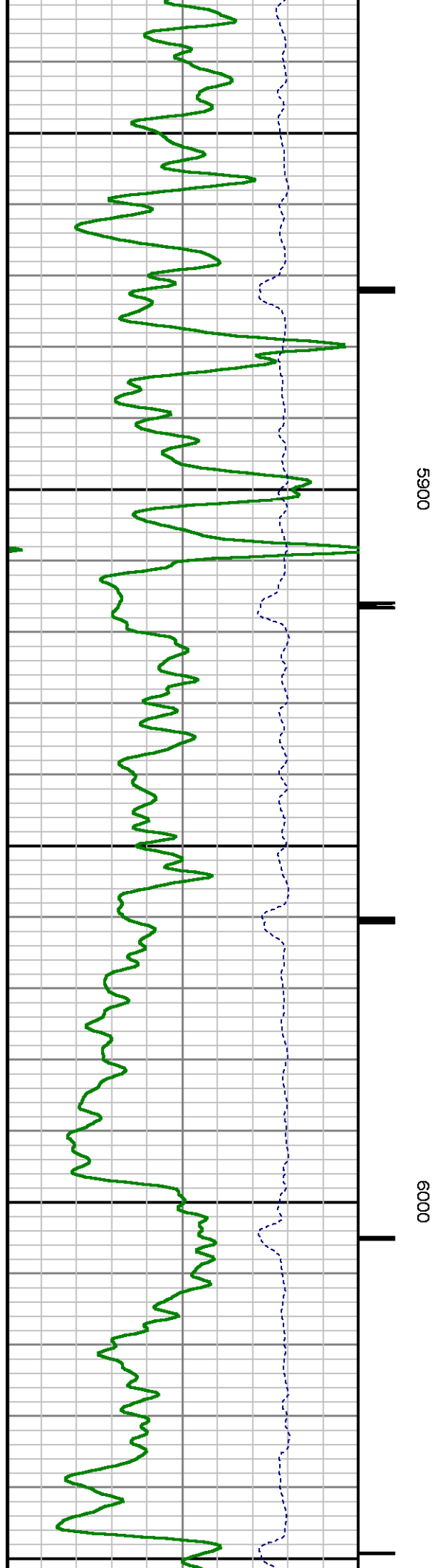
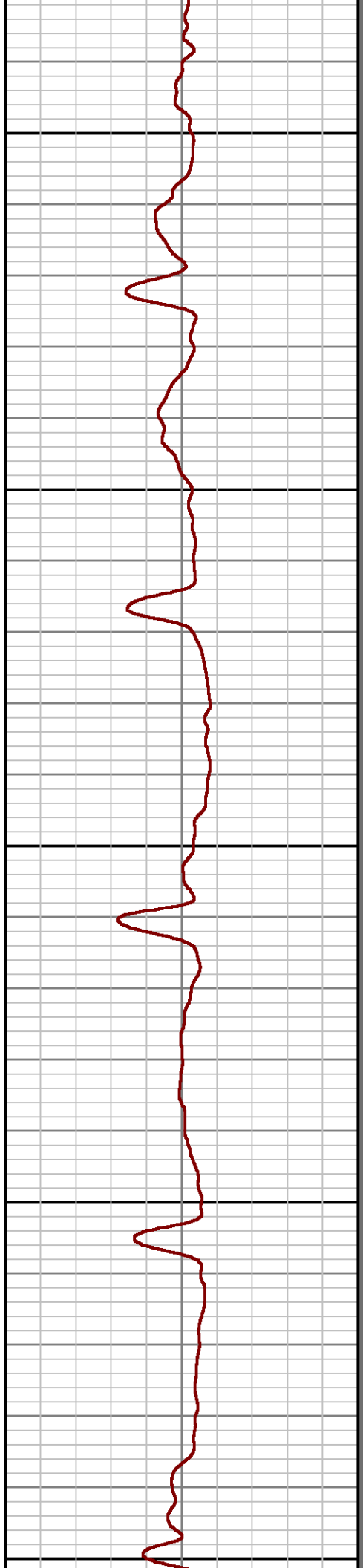
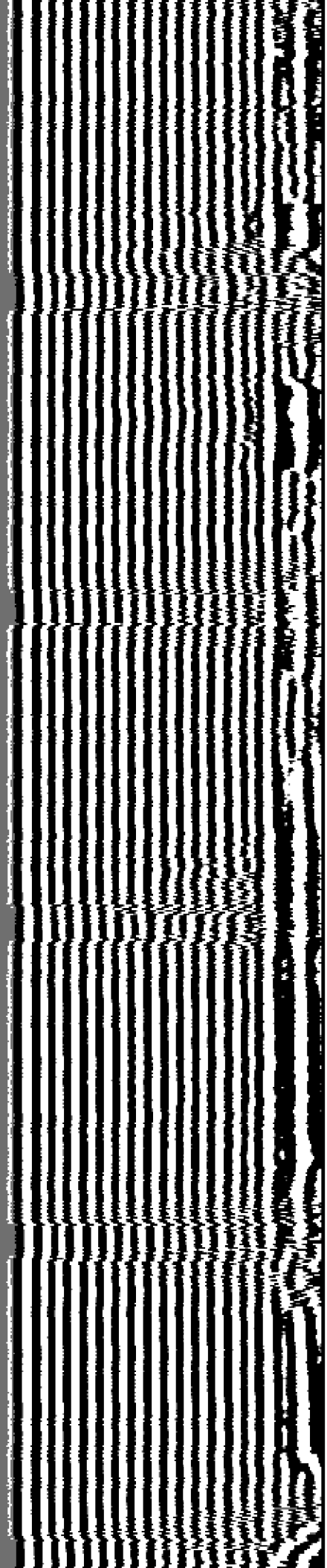
5400

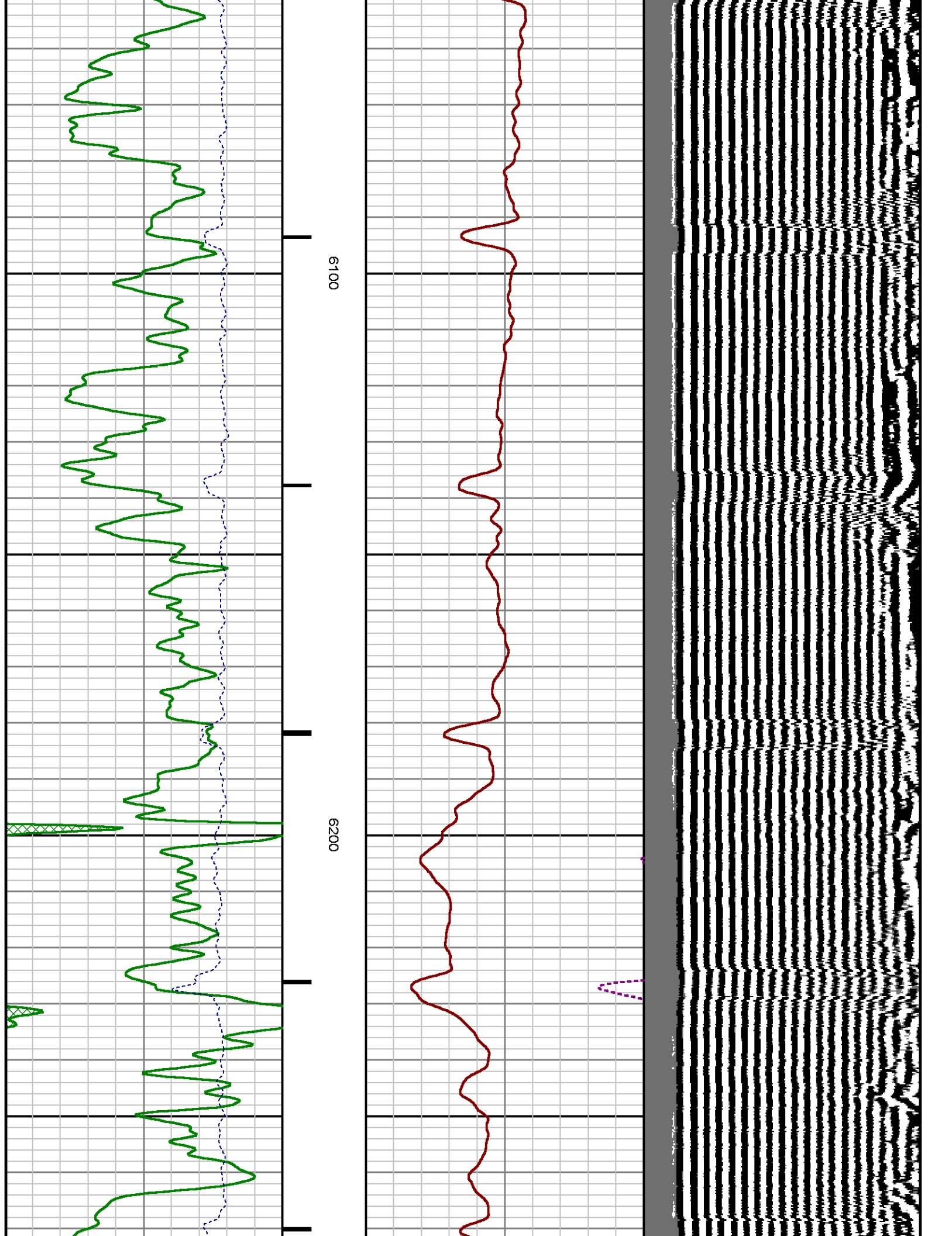
5500

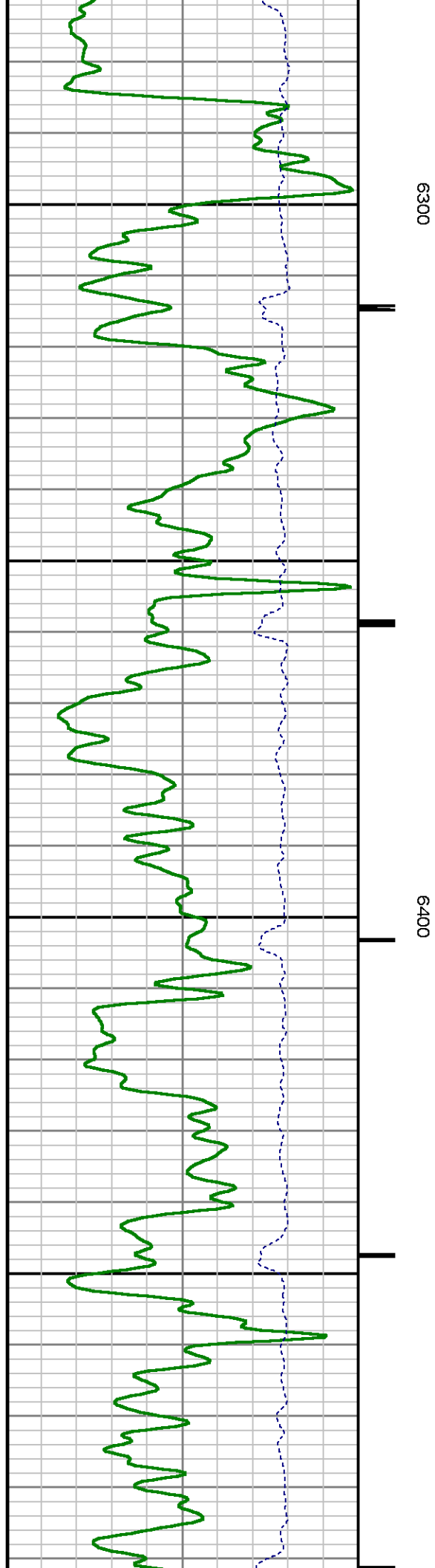
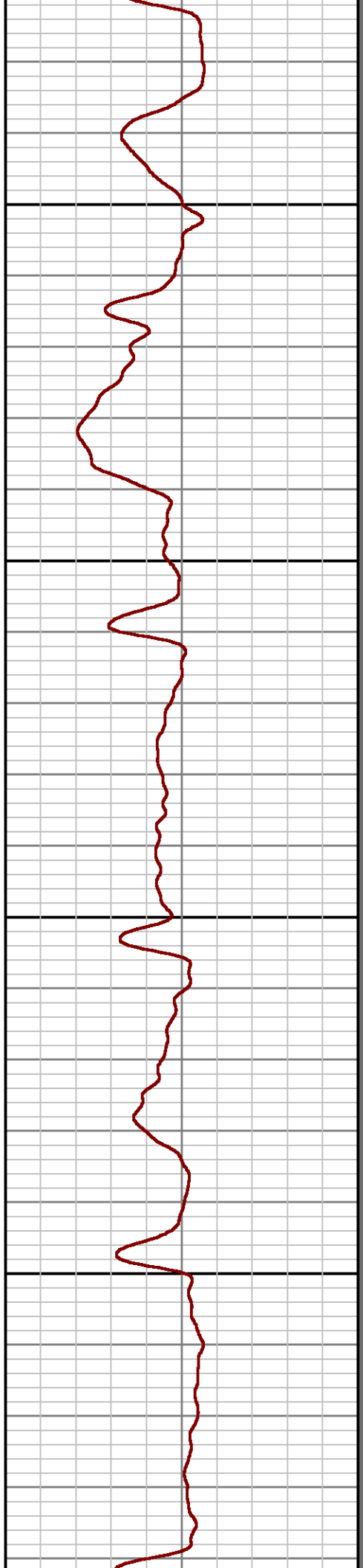
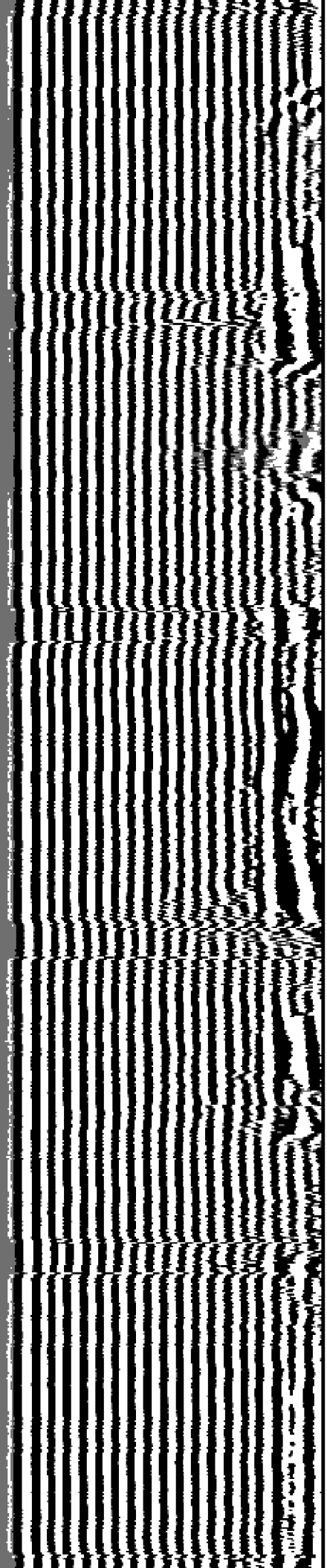
5600

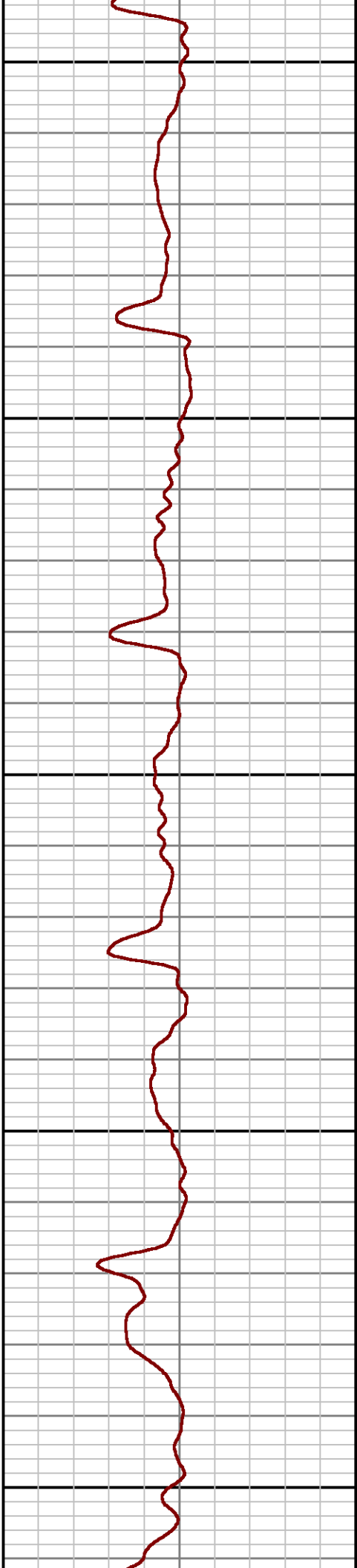
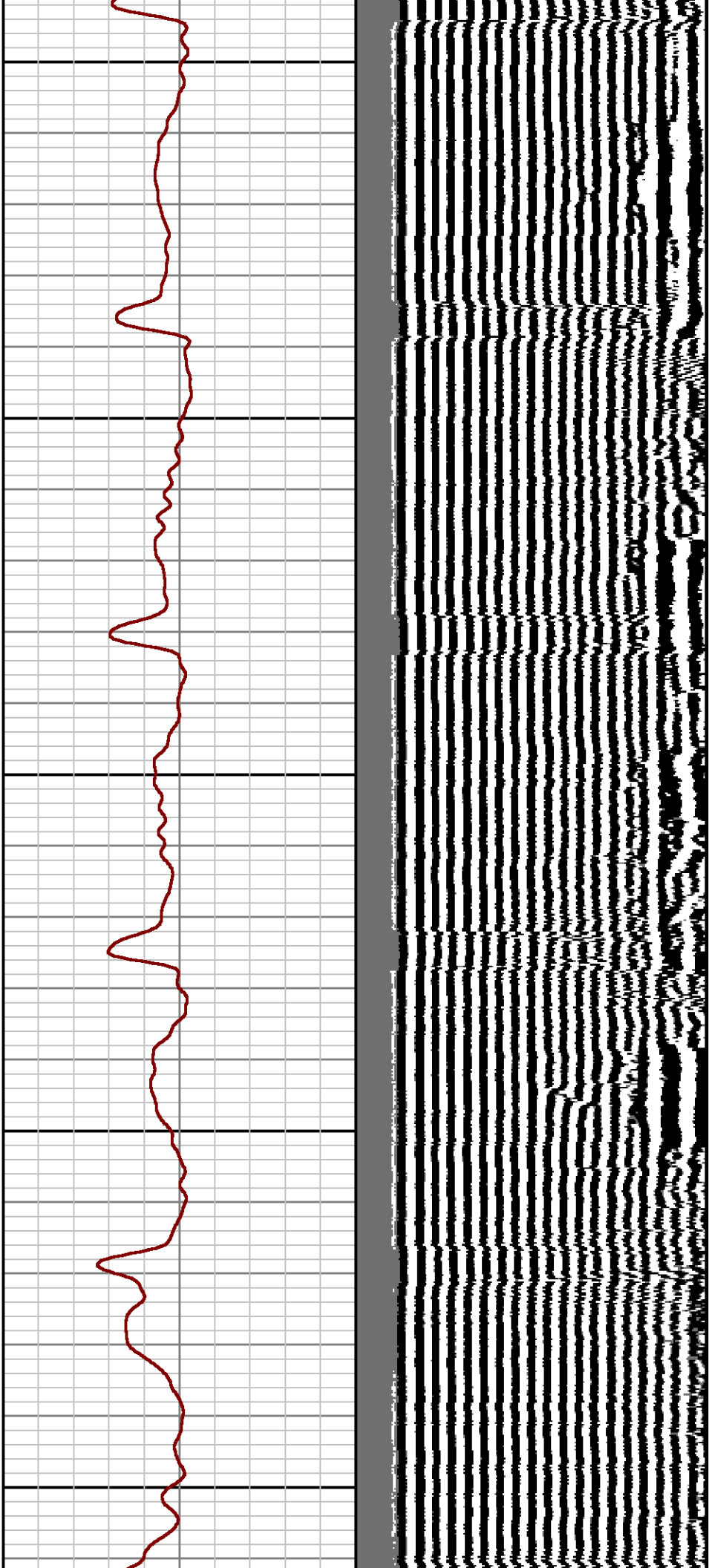








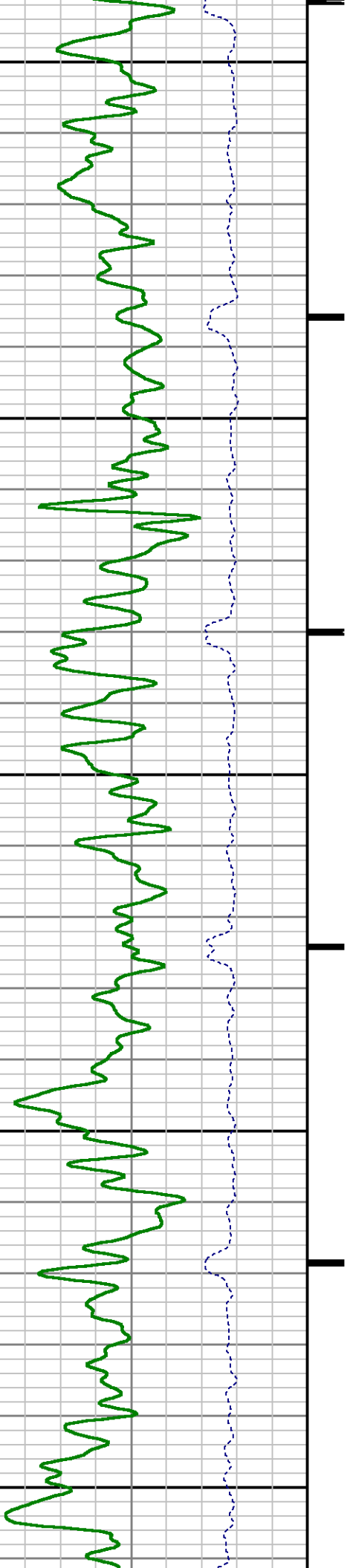


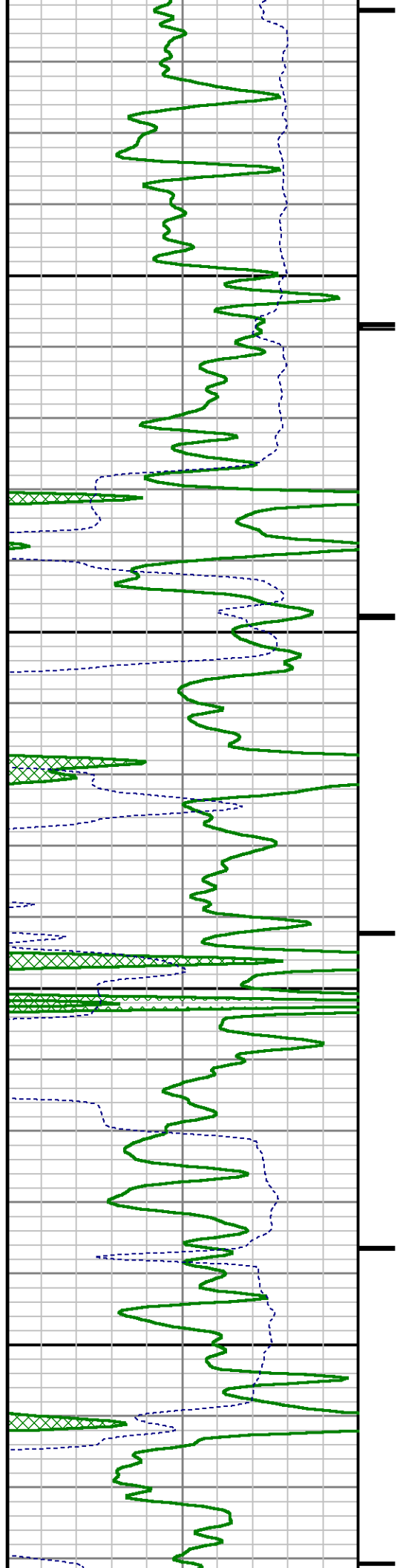


6500

0099

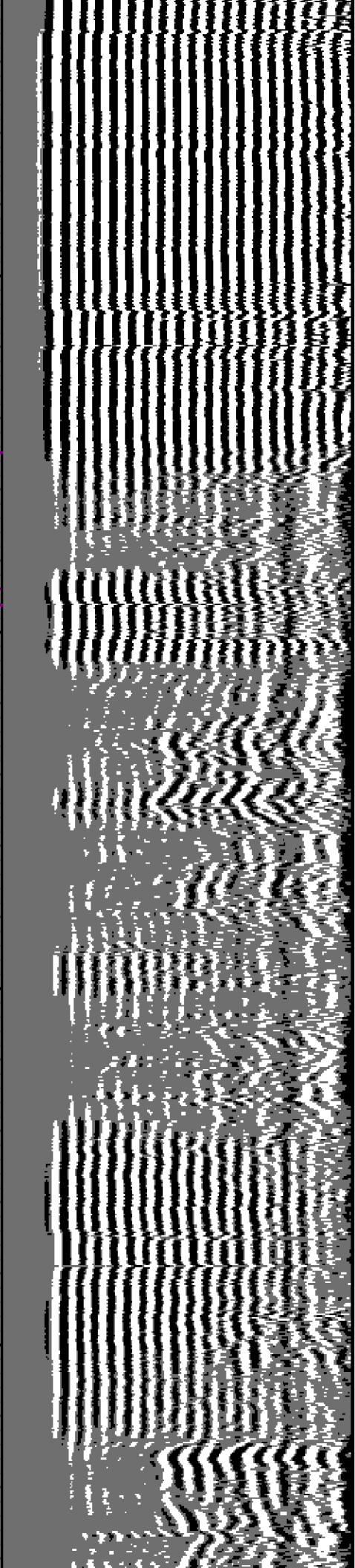
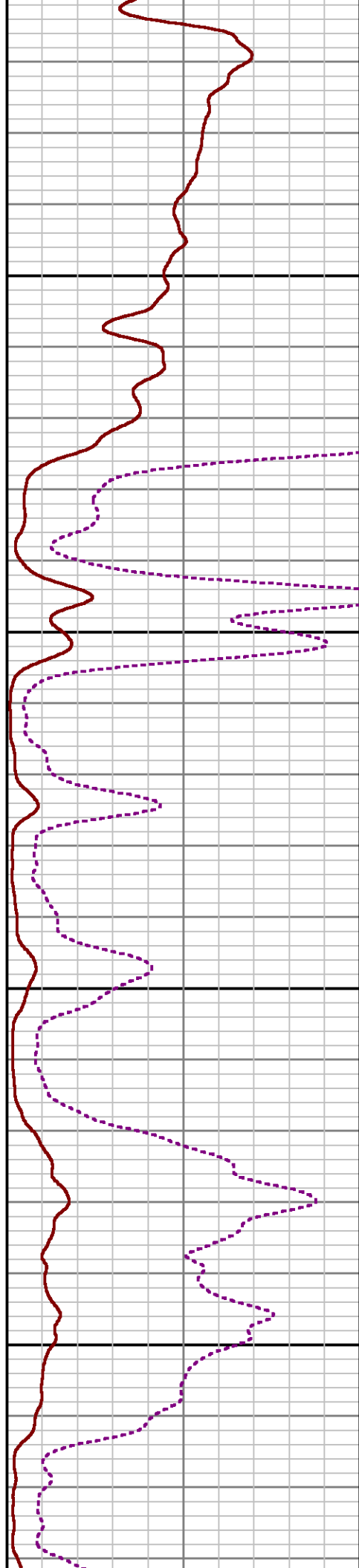
6700

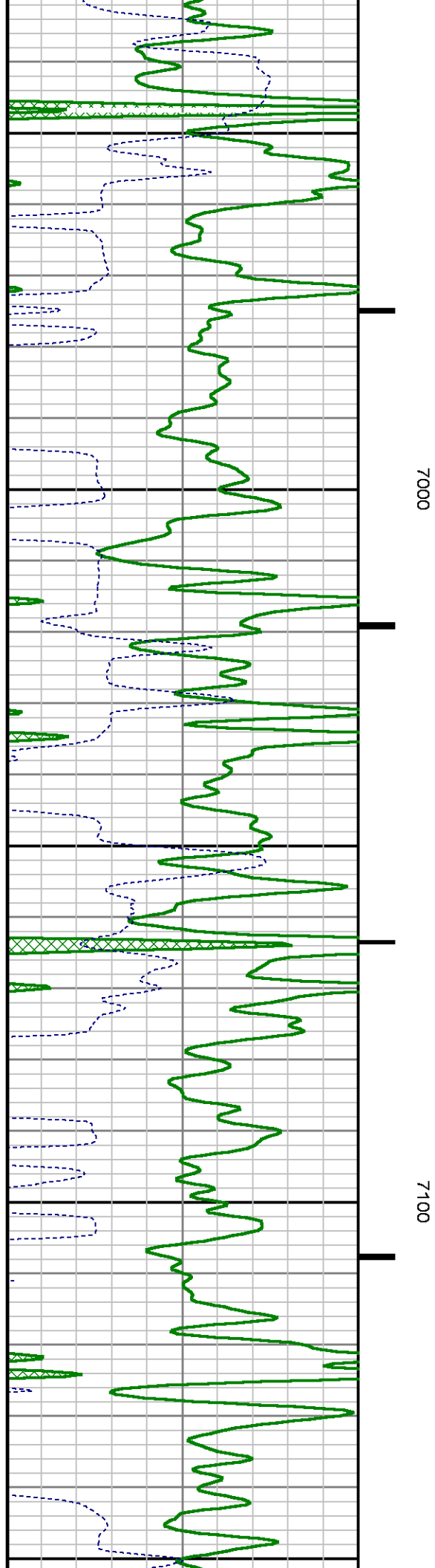
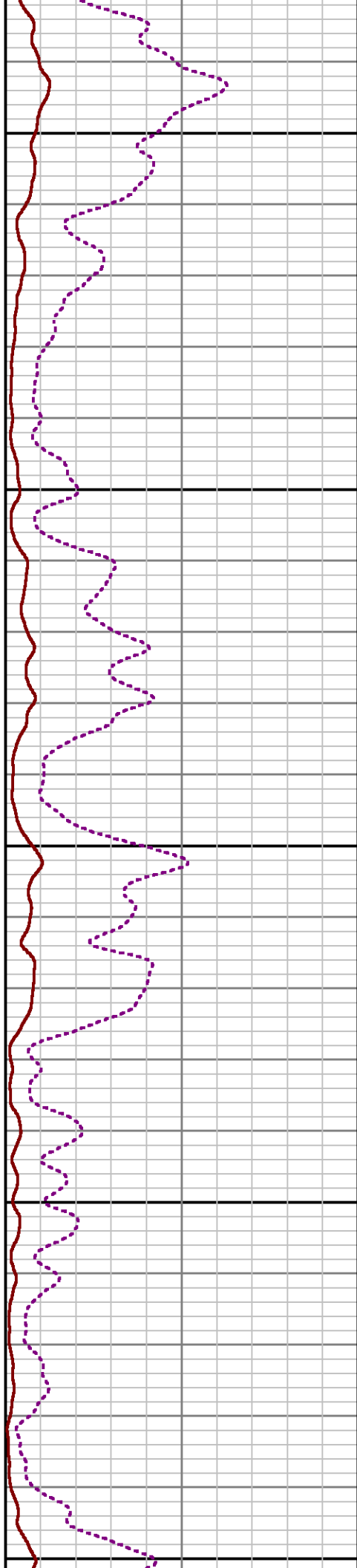
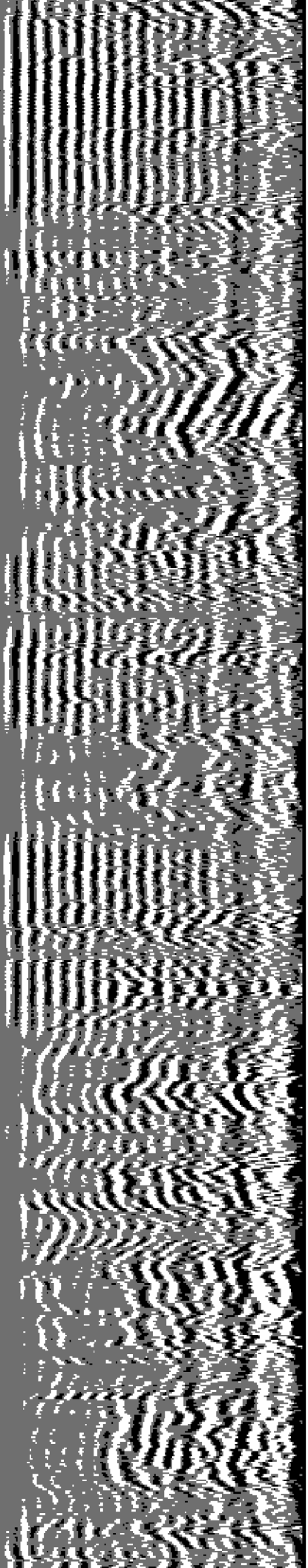


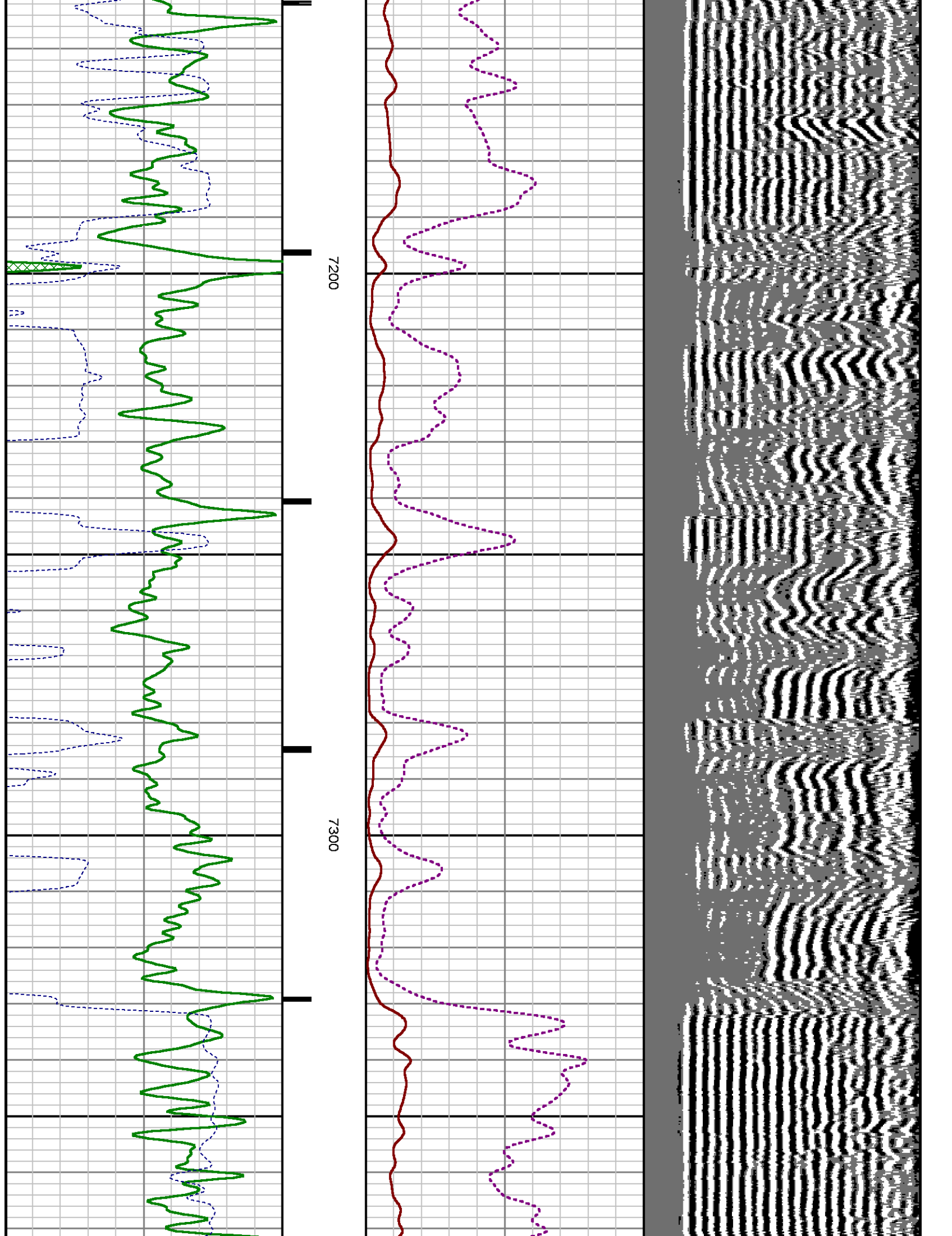


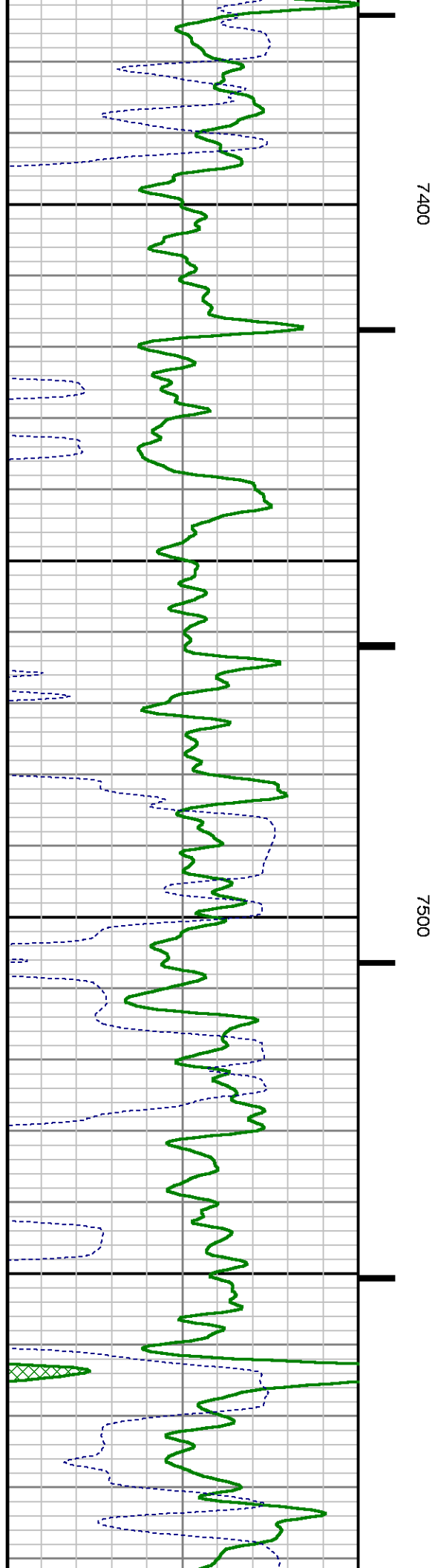
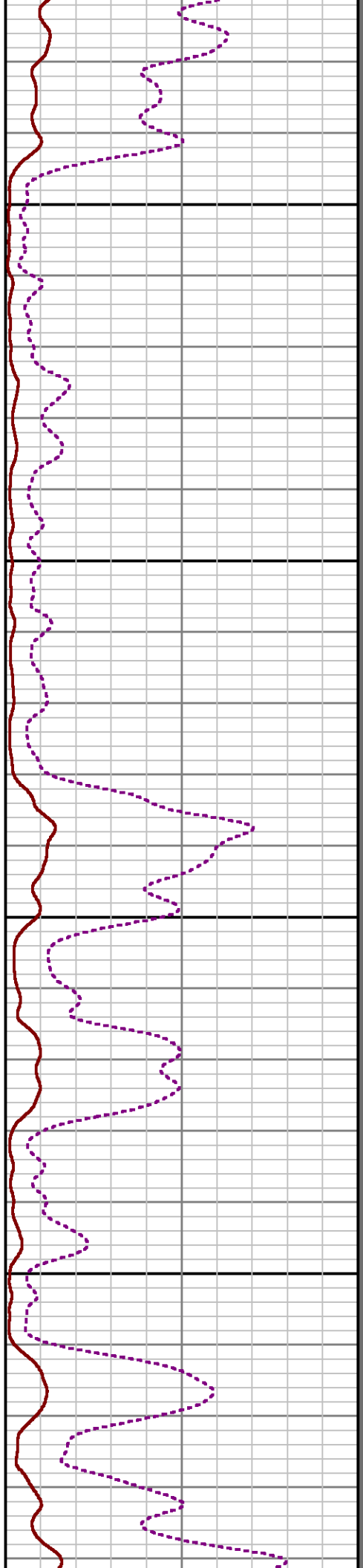
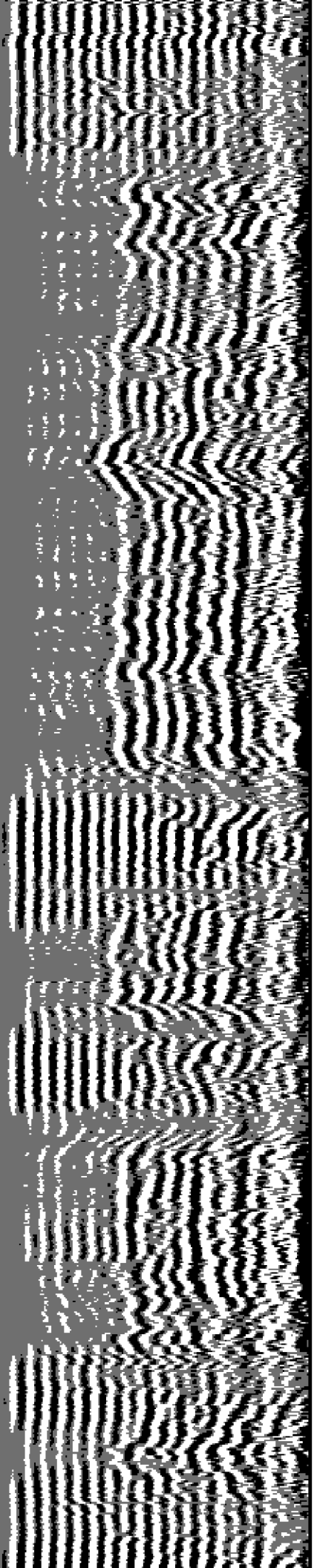
0089

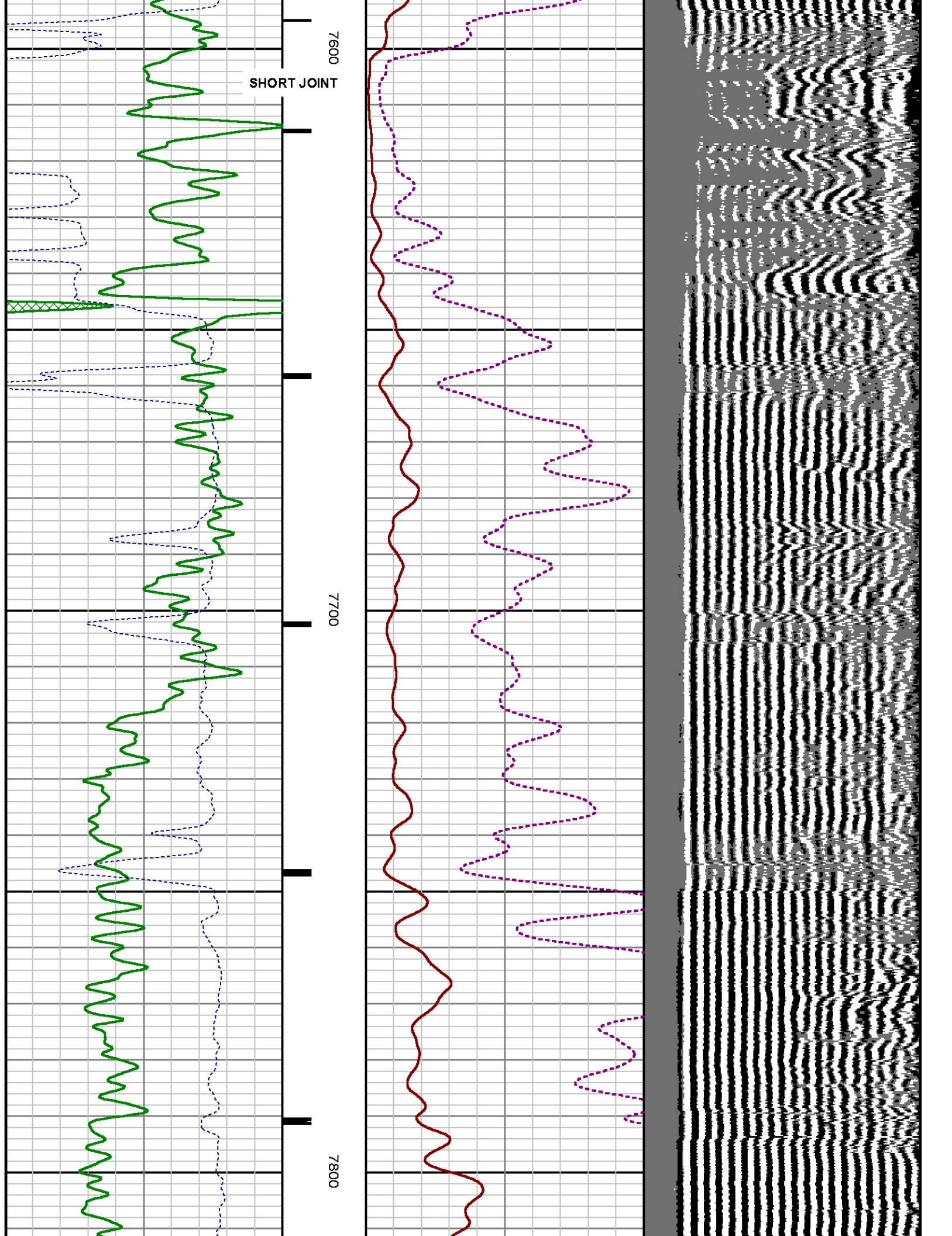
0069

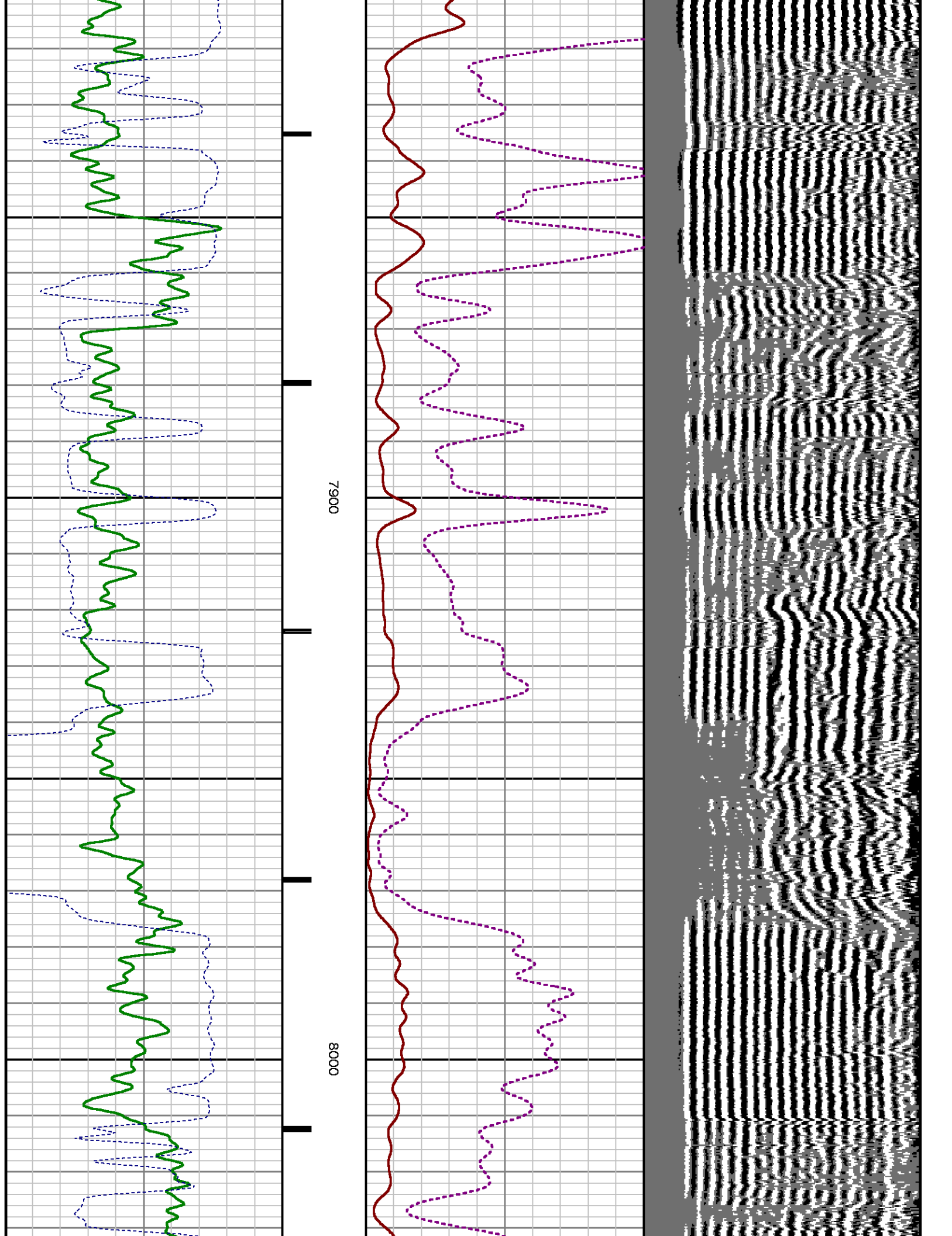


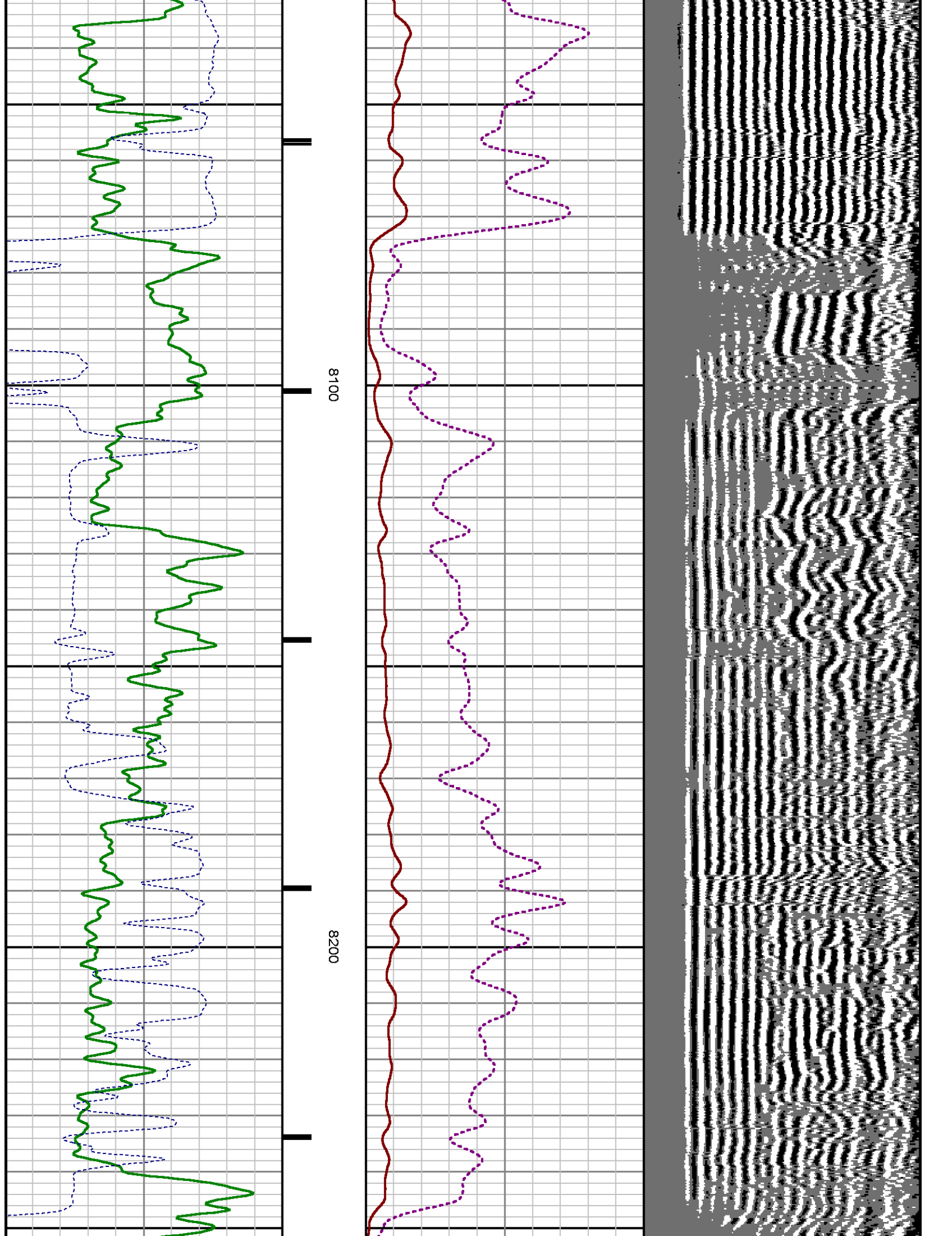


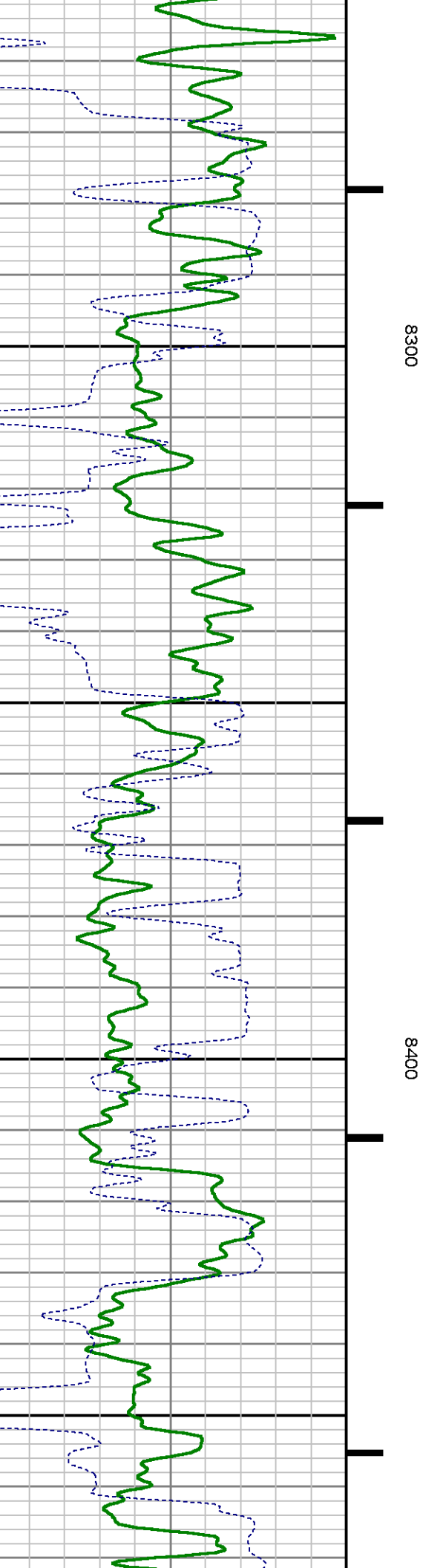
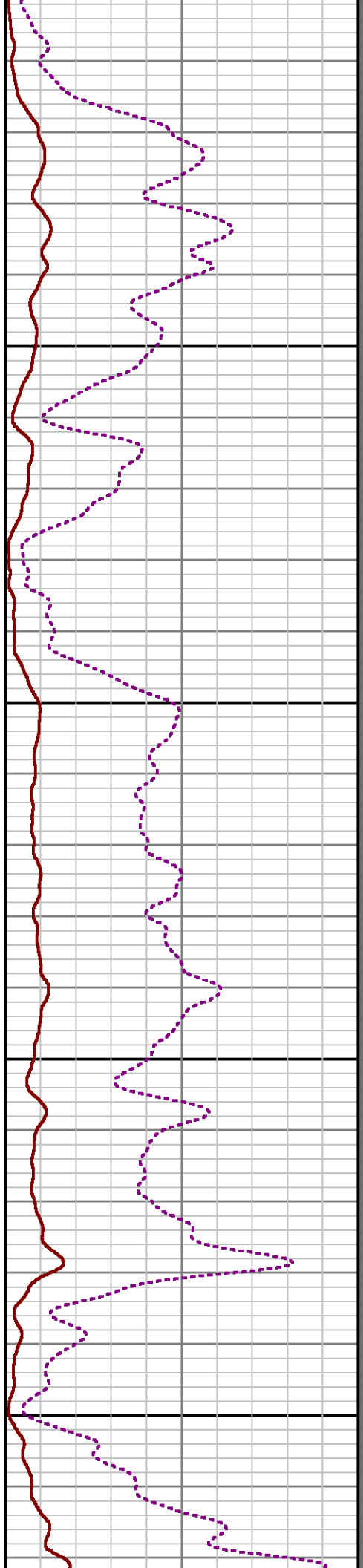
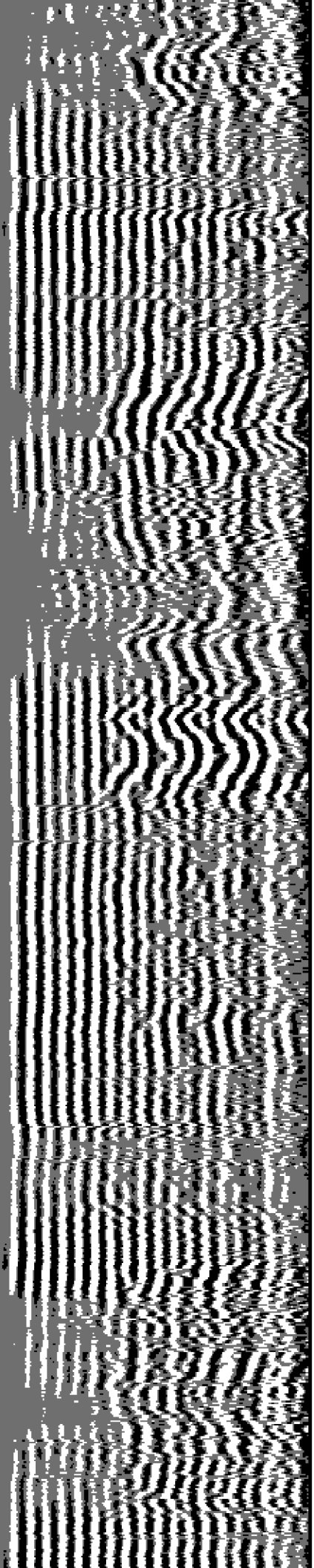


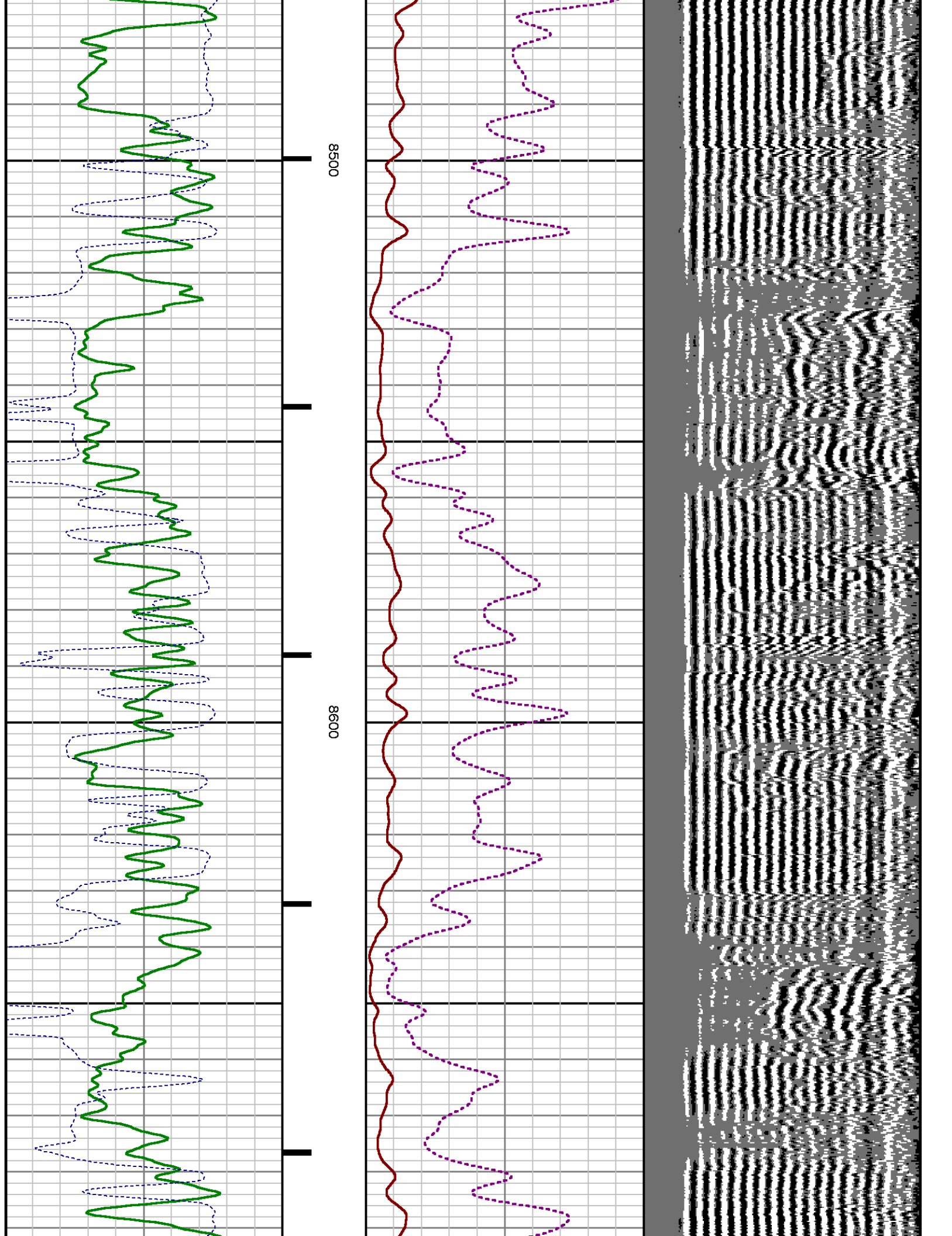


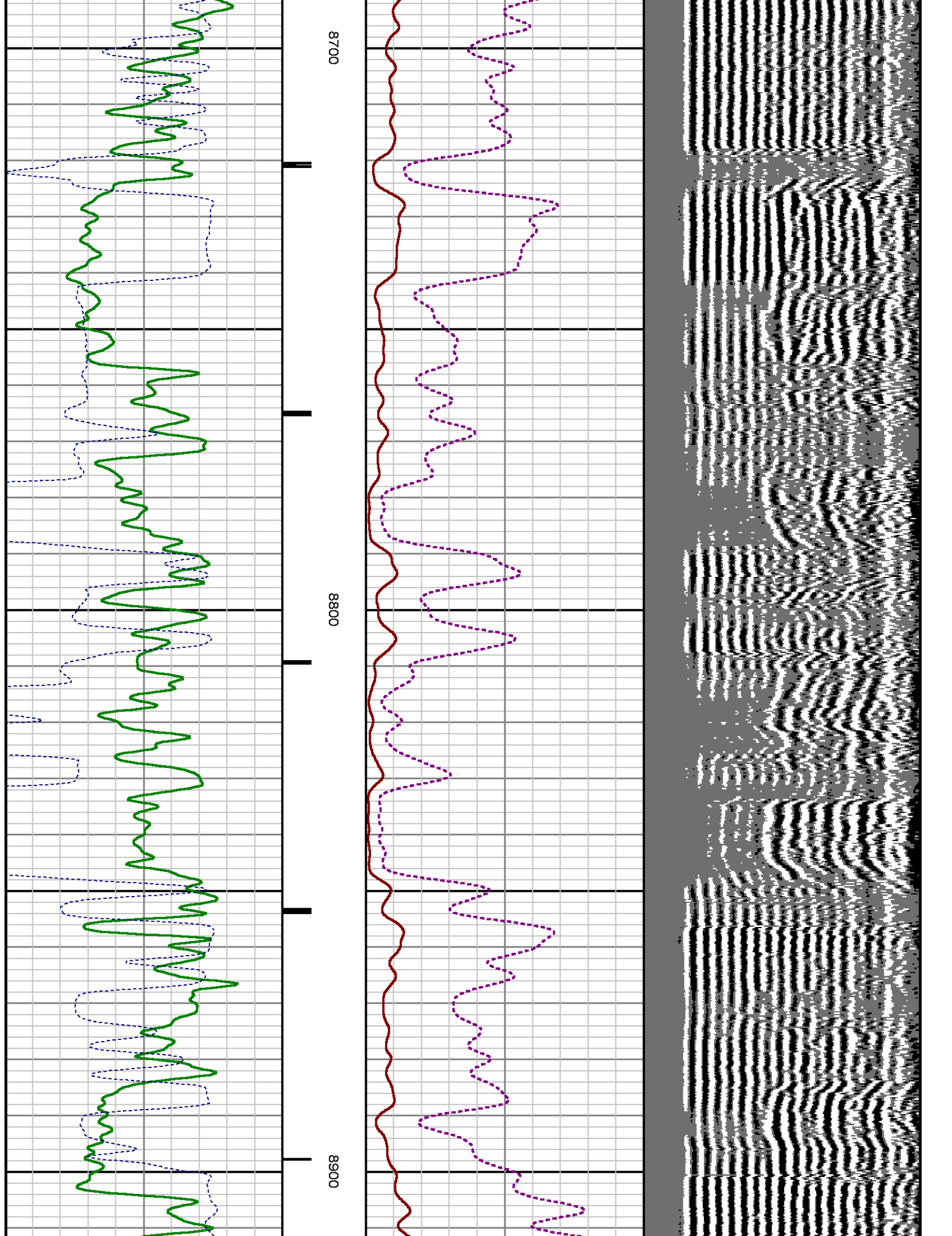


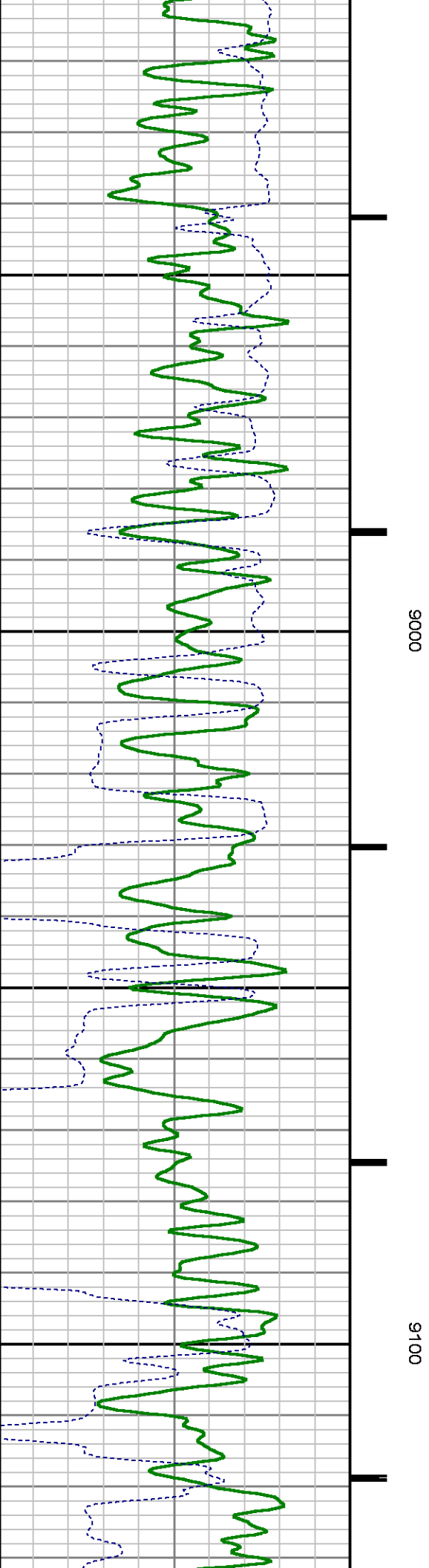
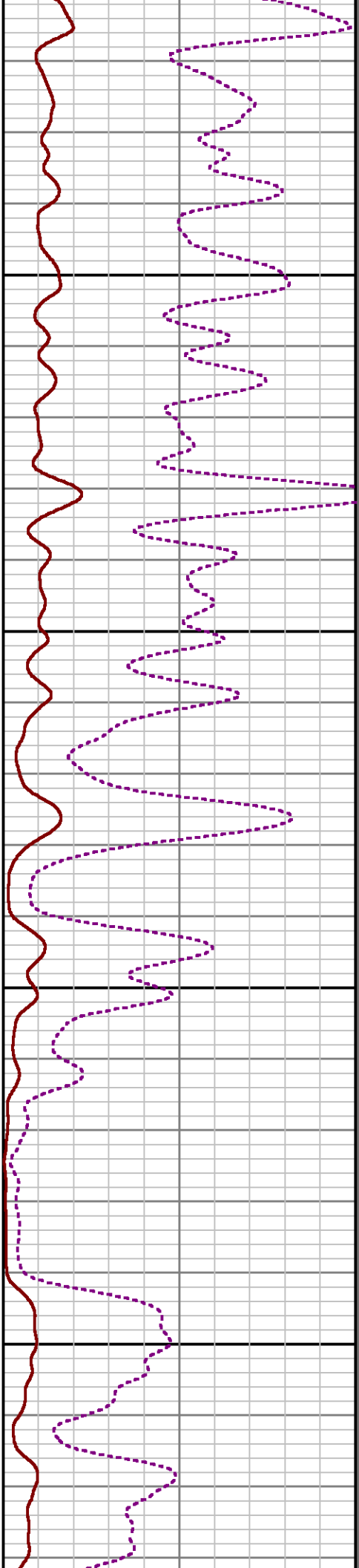
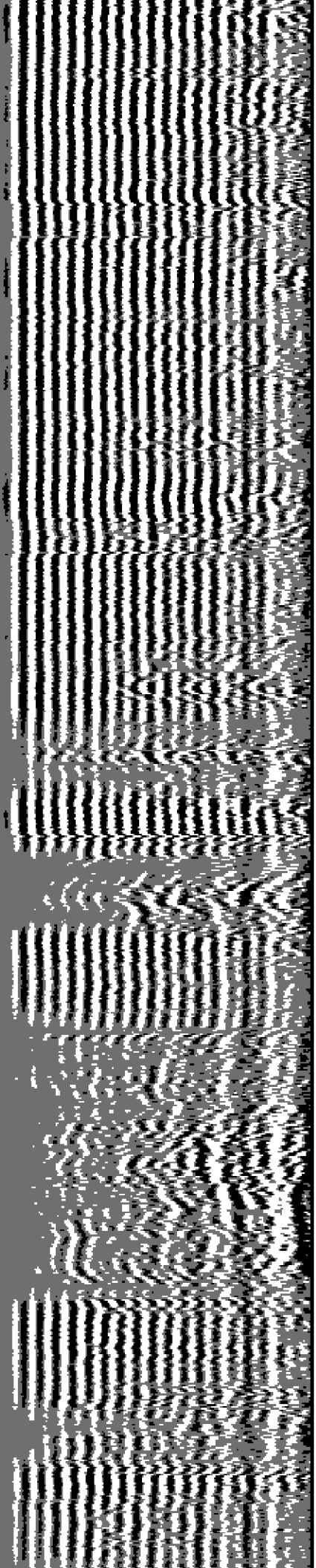


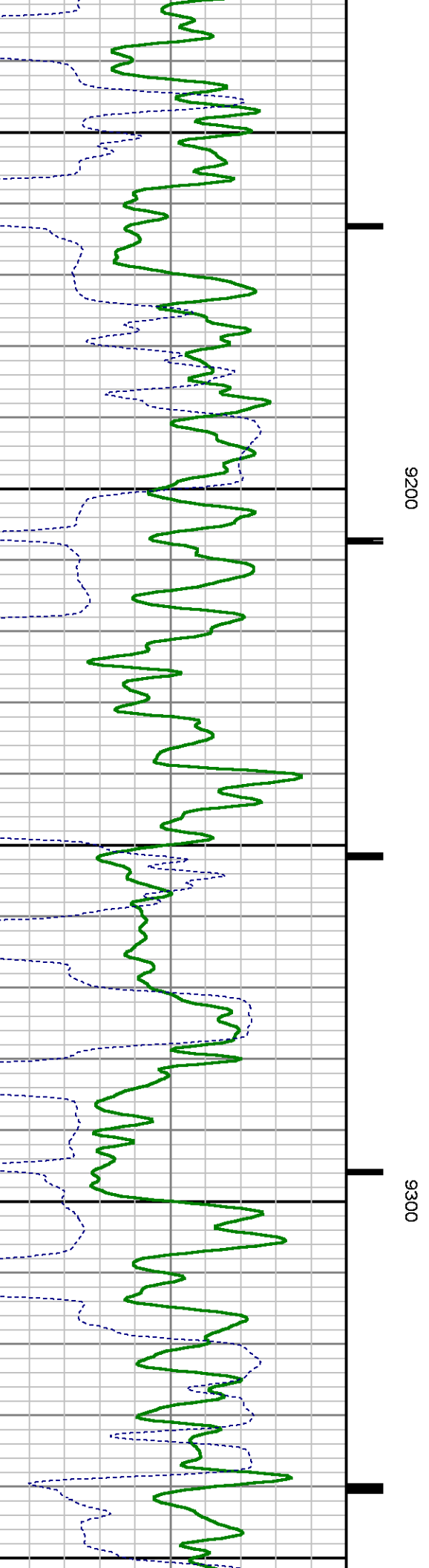
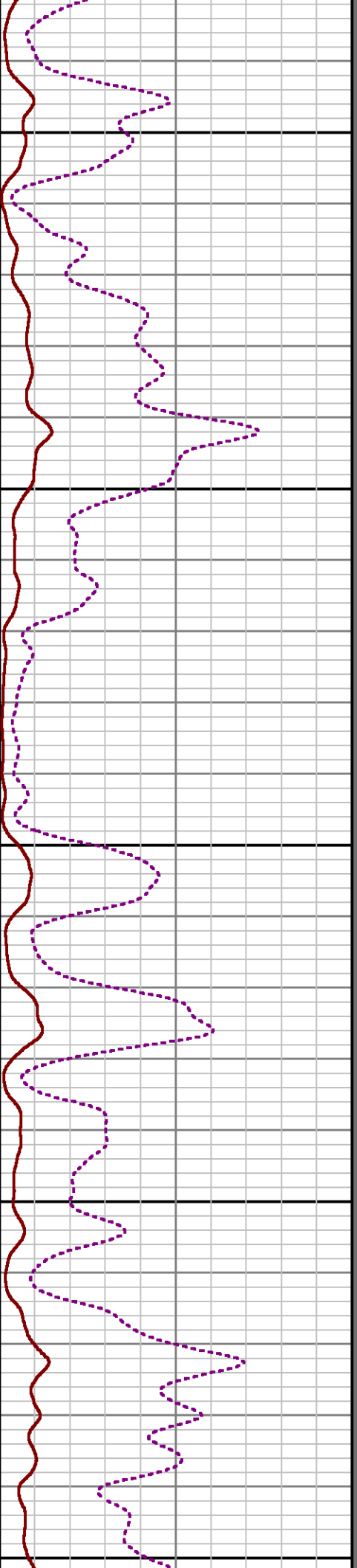
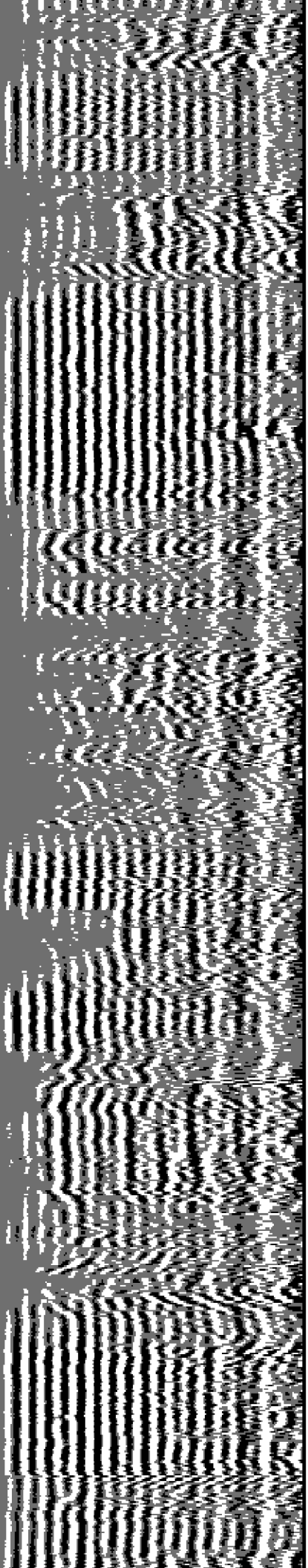


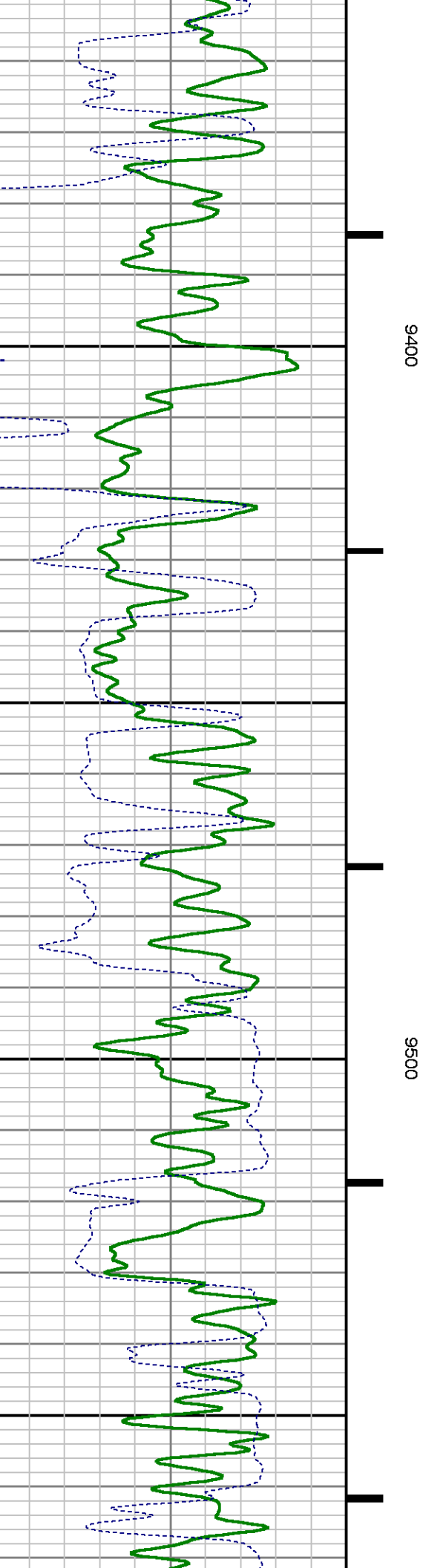
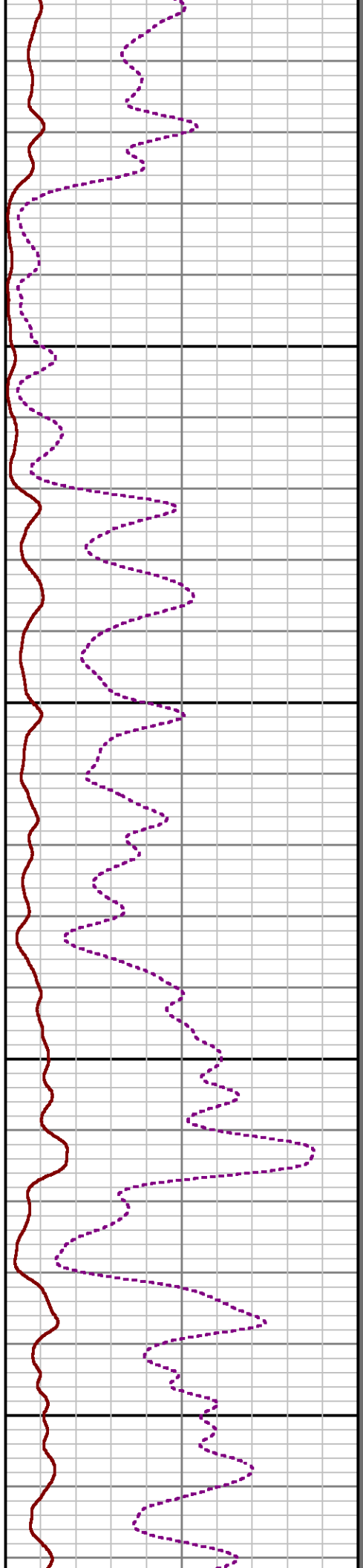
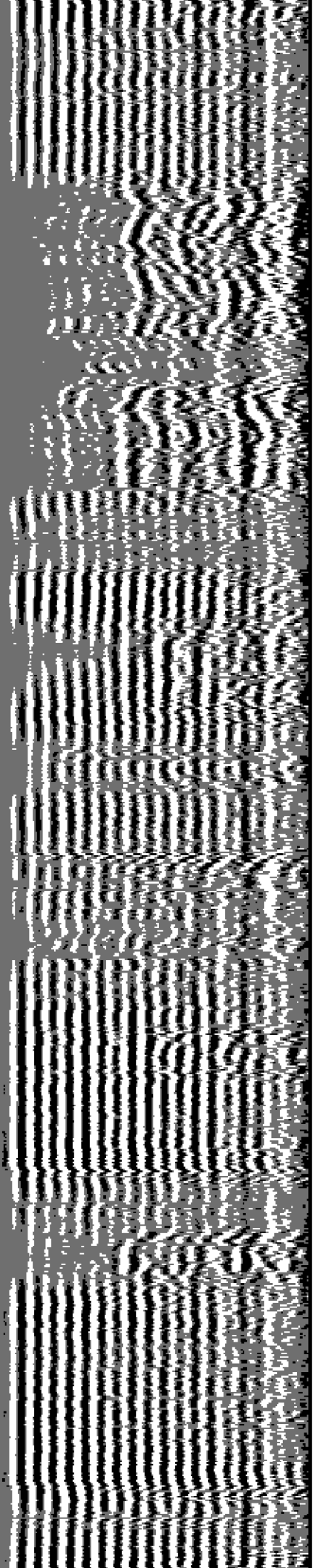


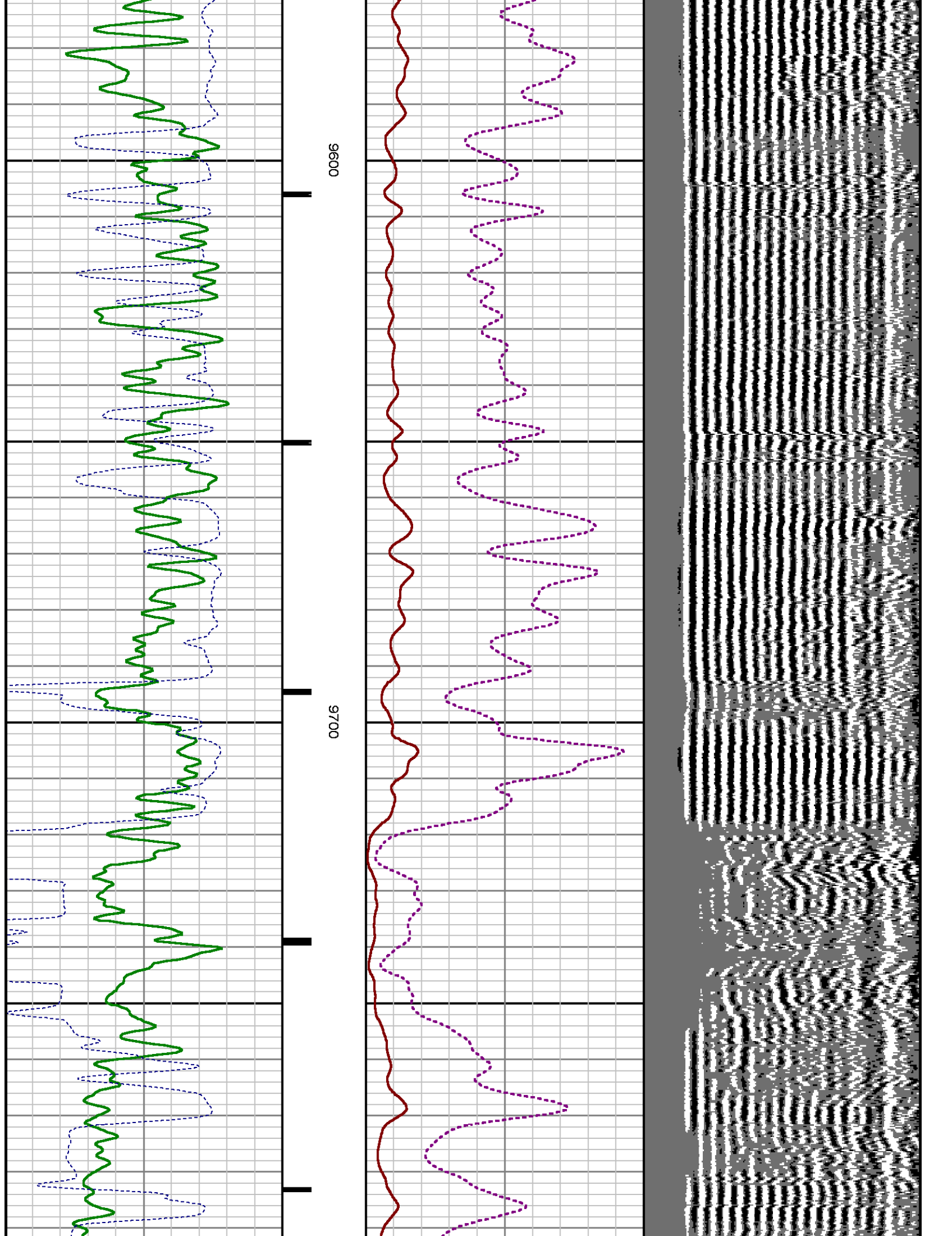


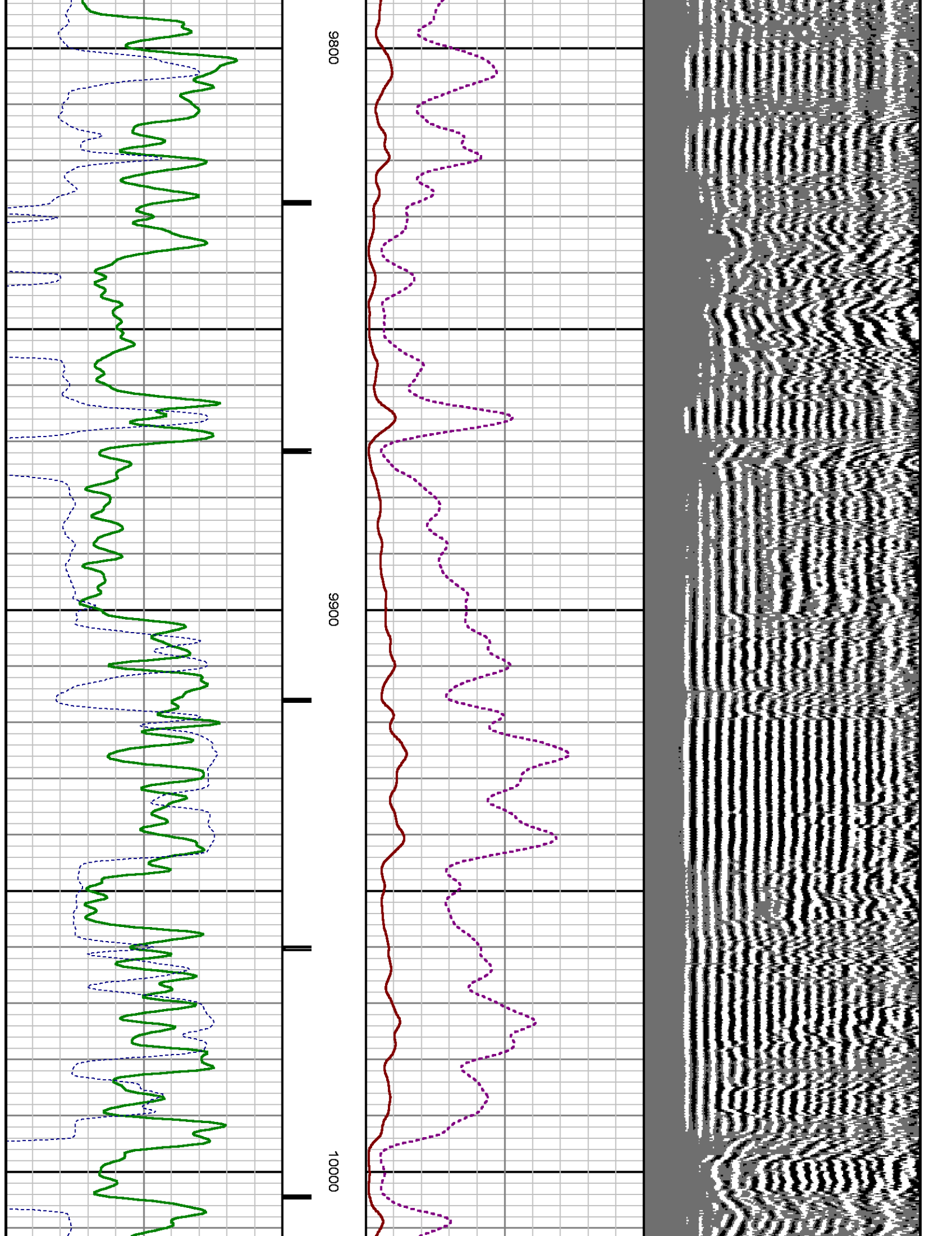


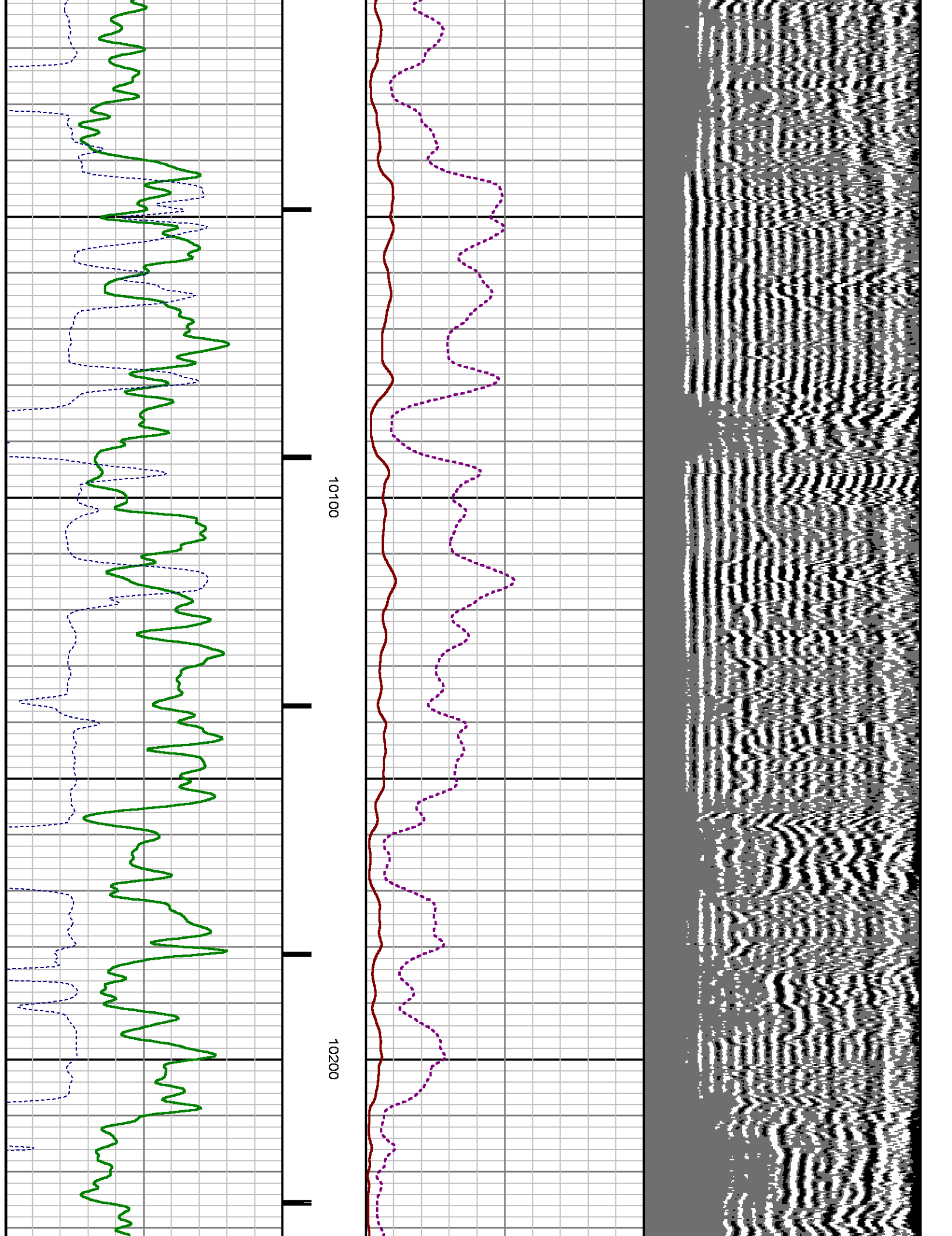


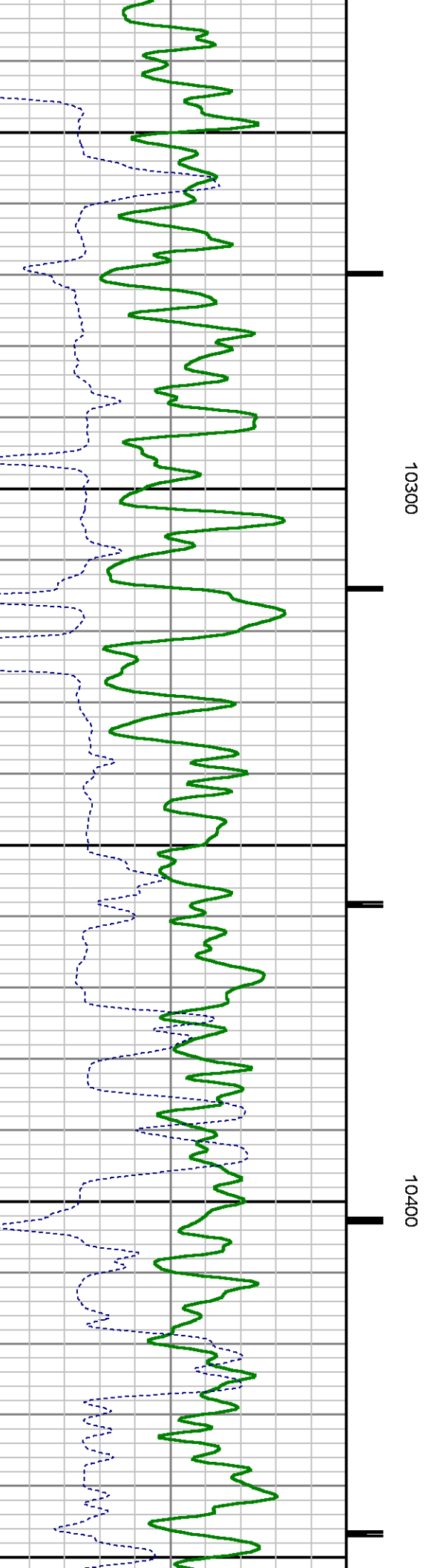
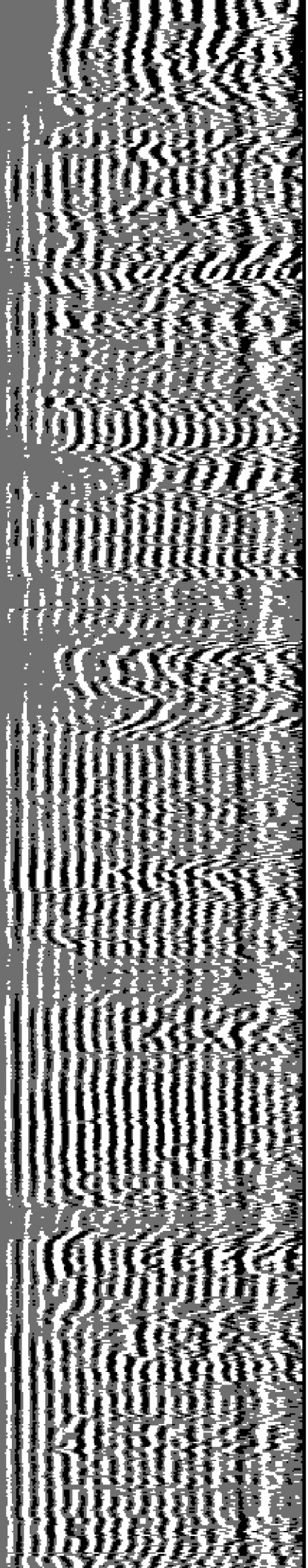


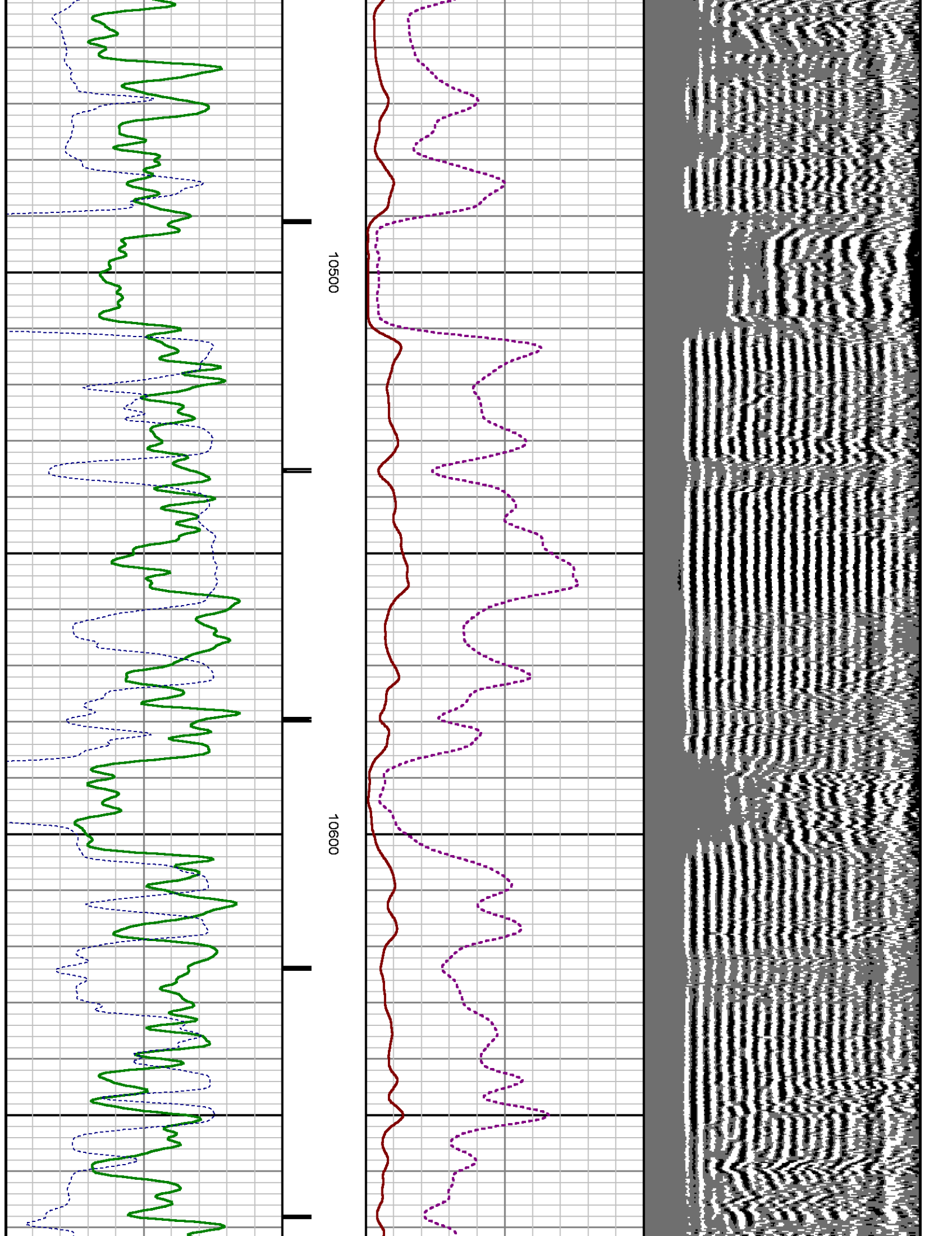


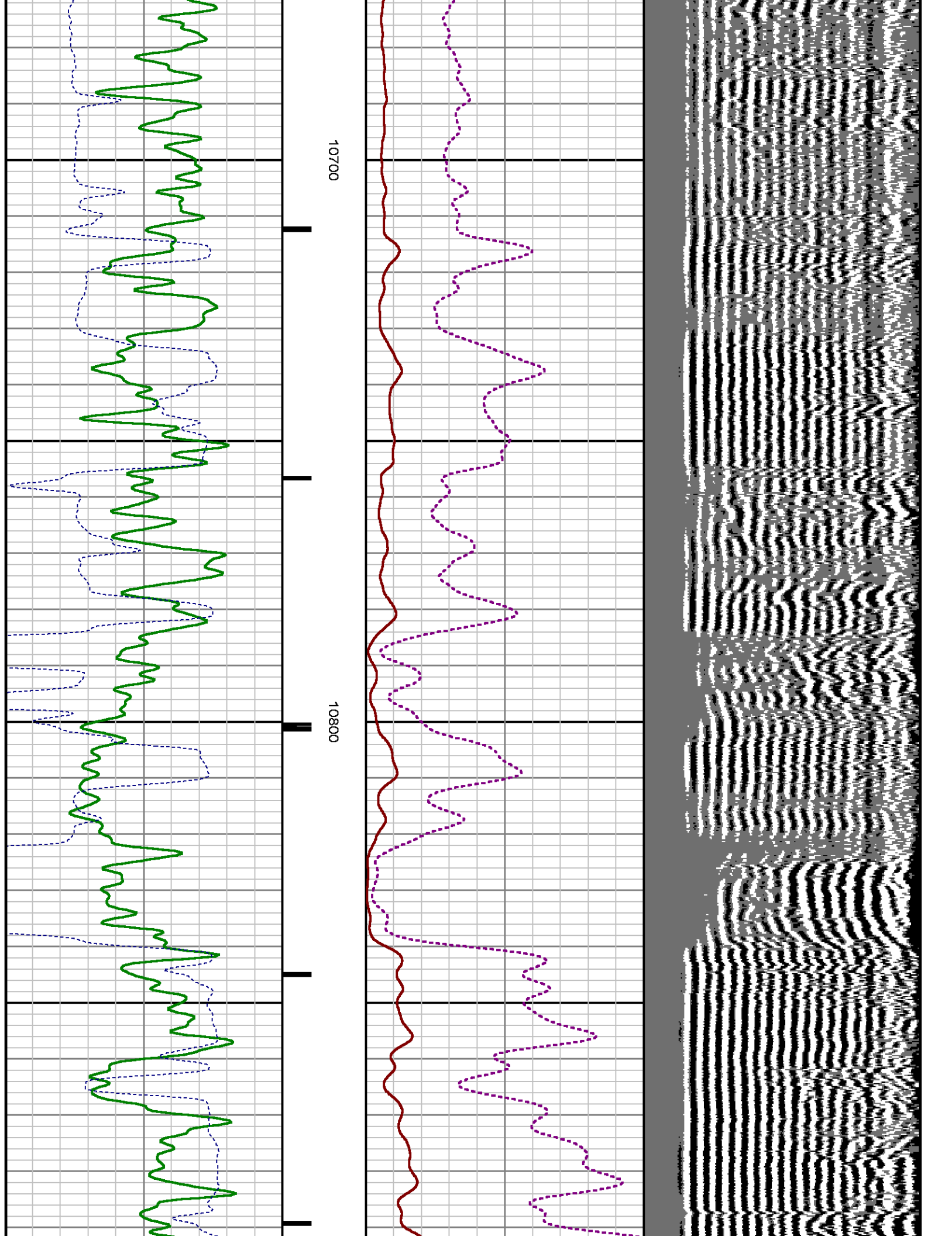


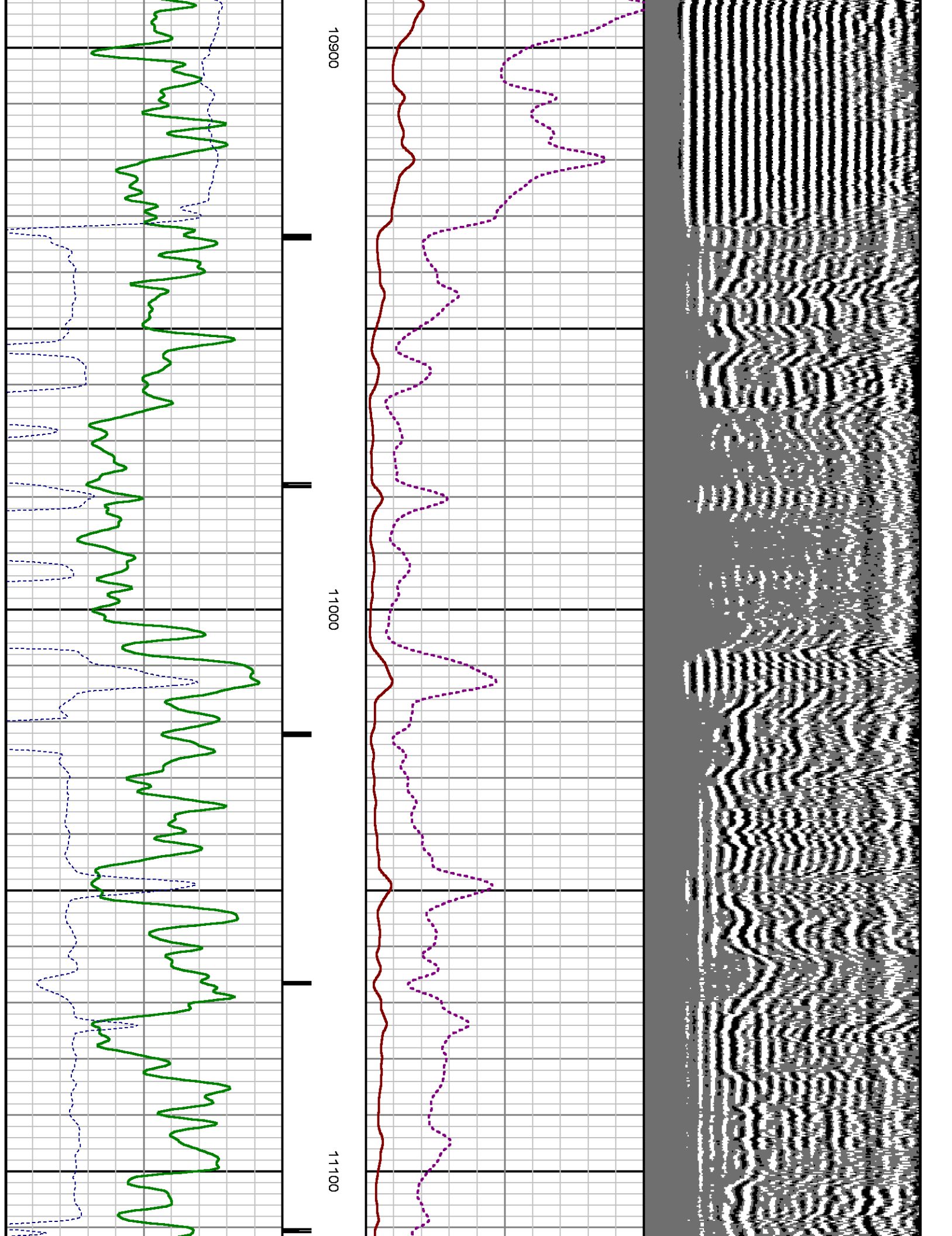


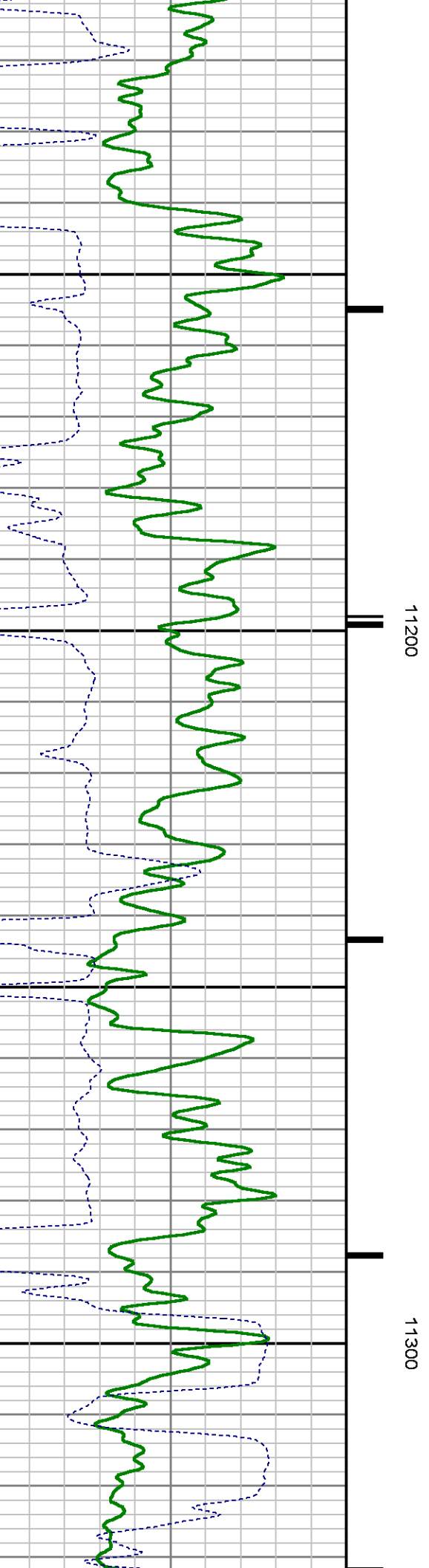
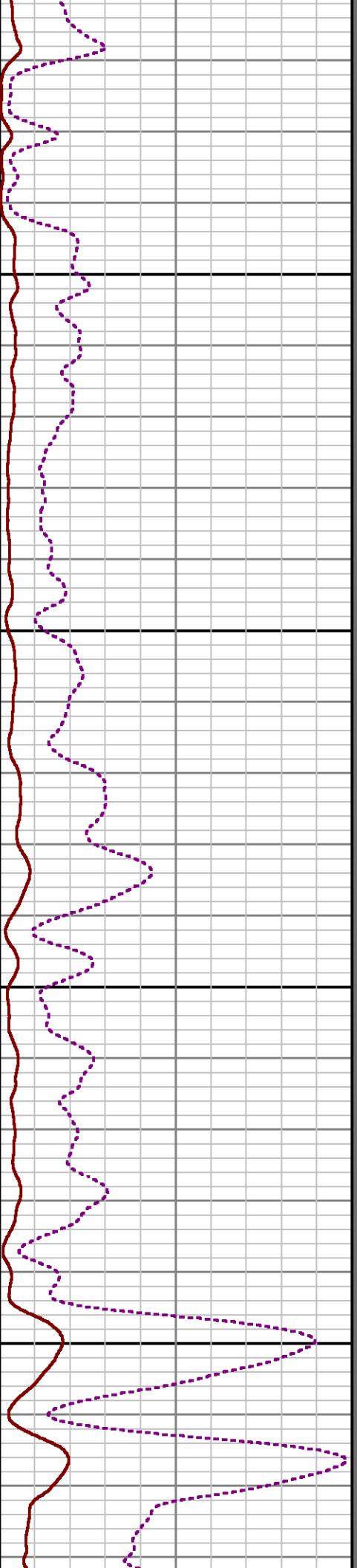
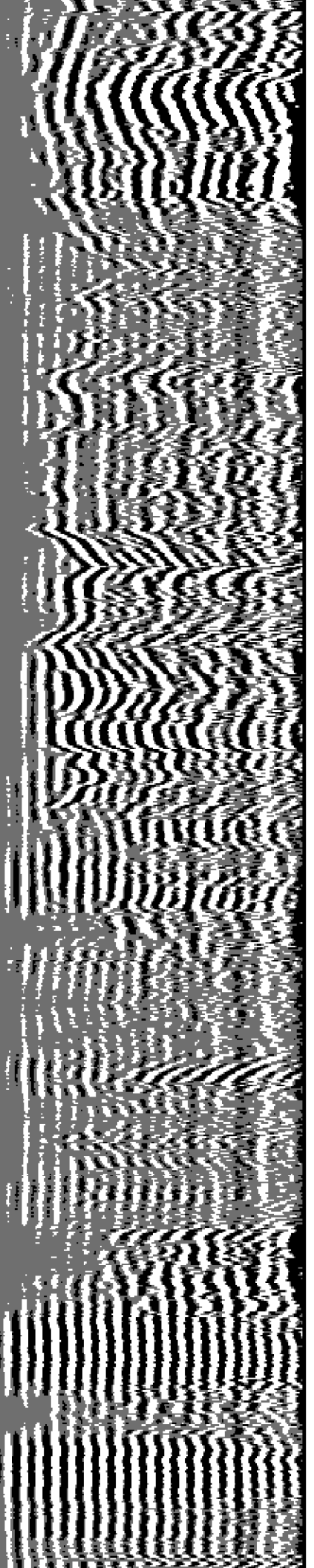


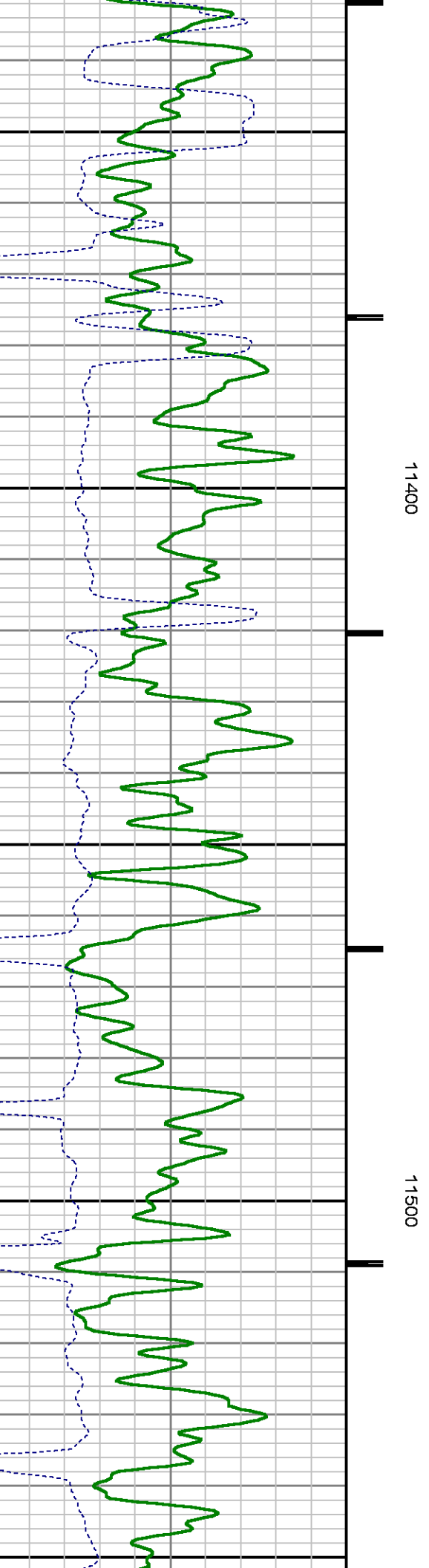
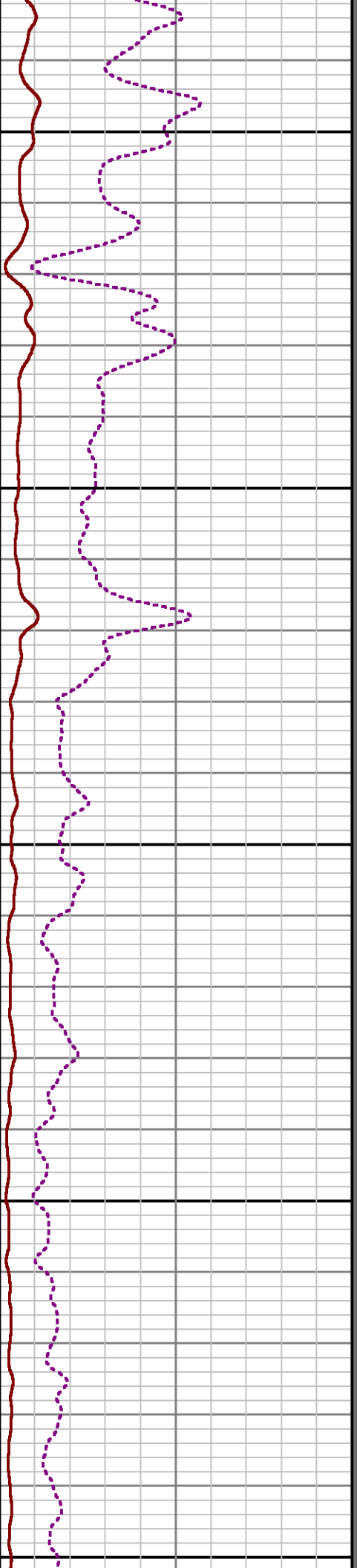
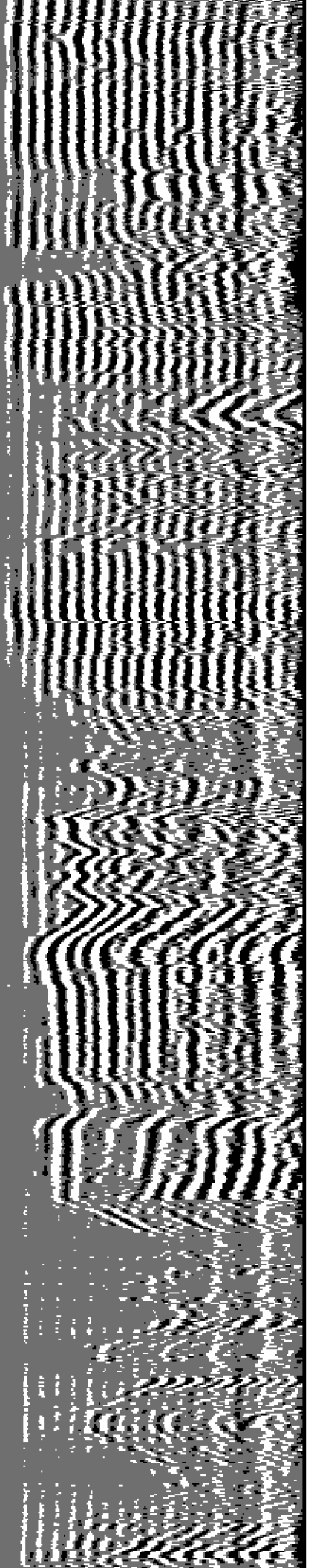


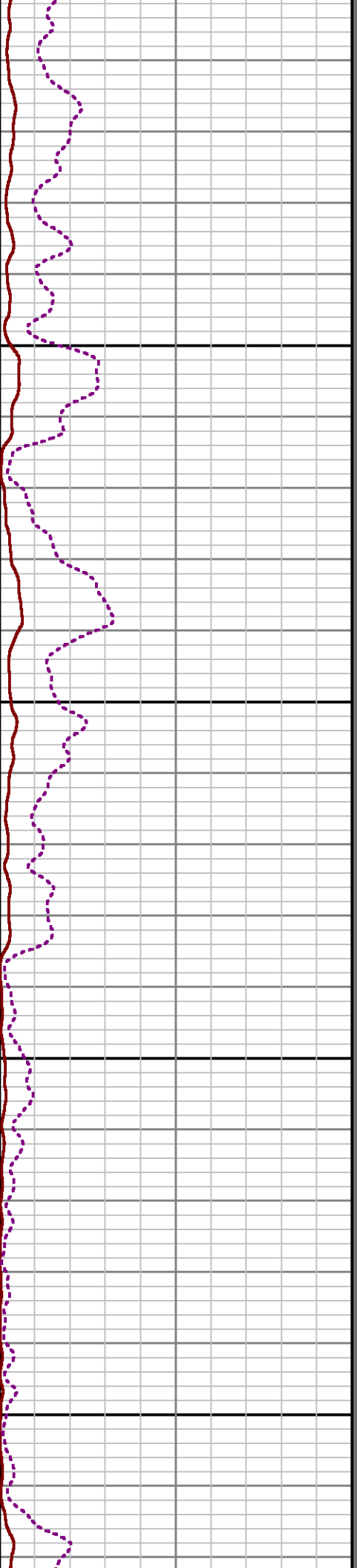
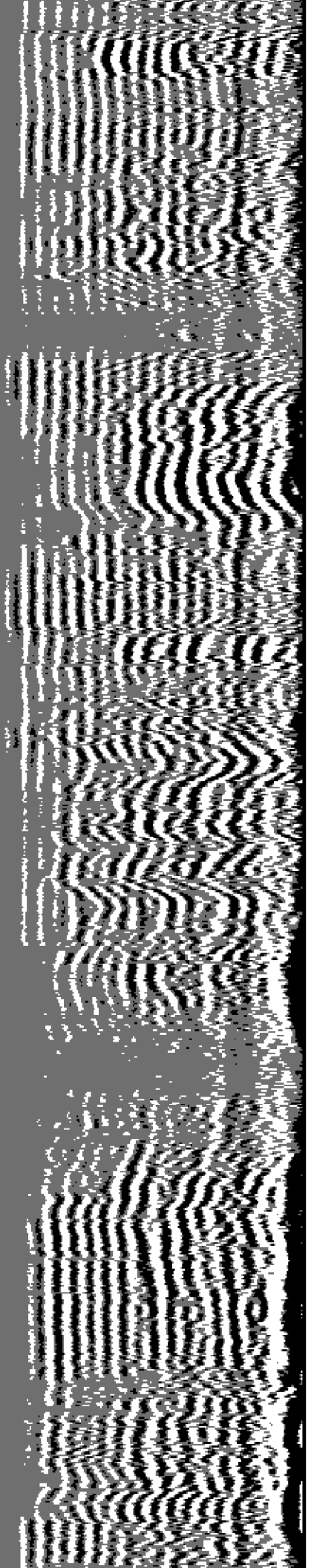






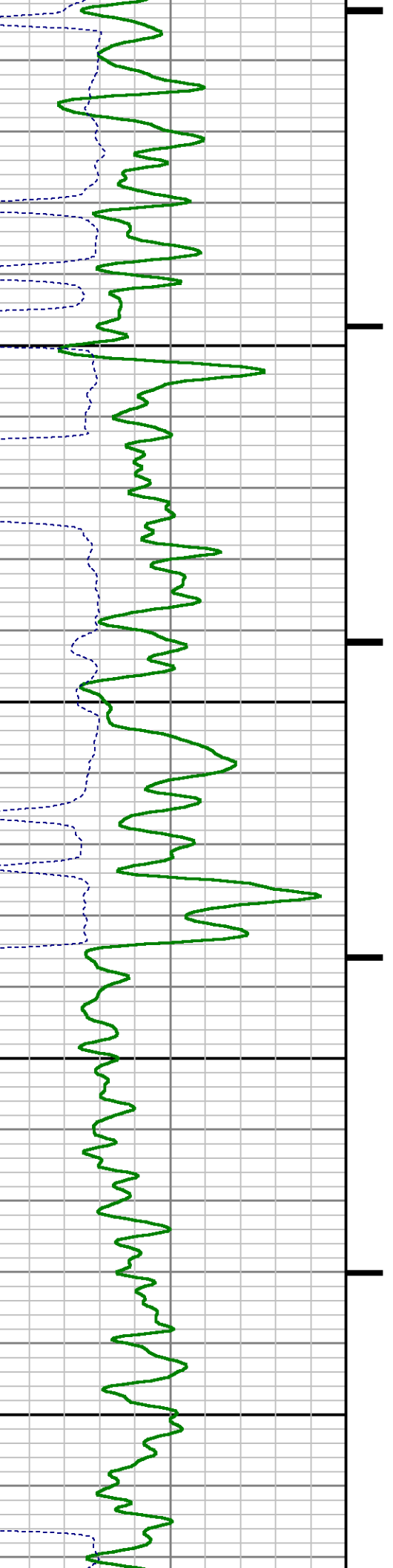


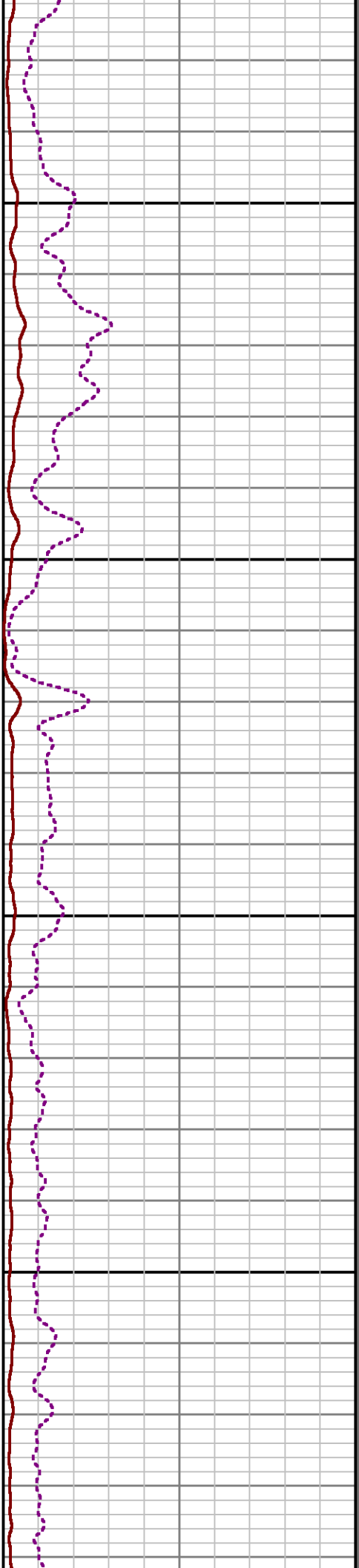
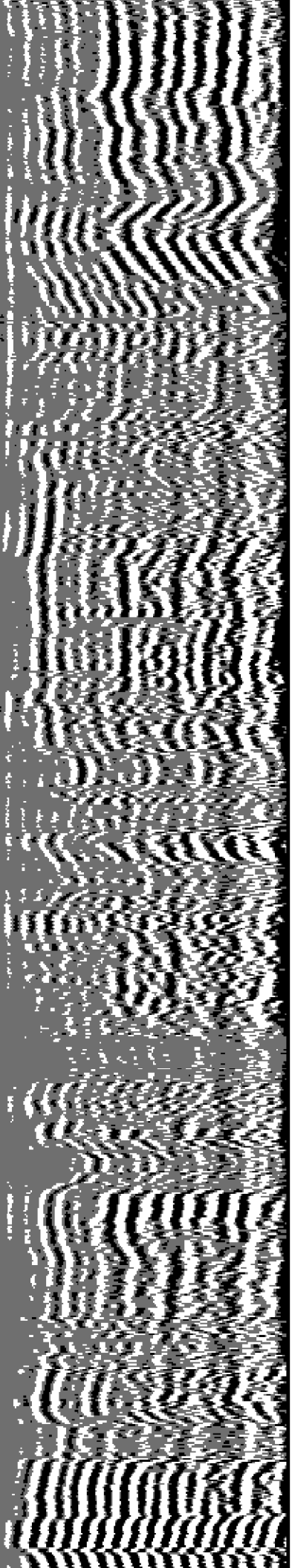




11600

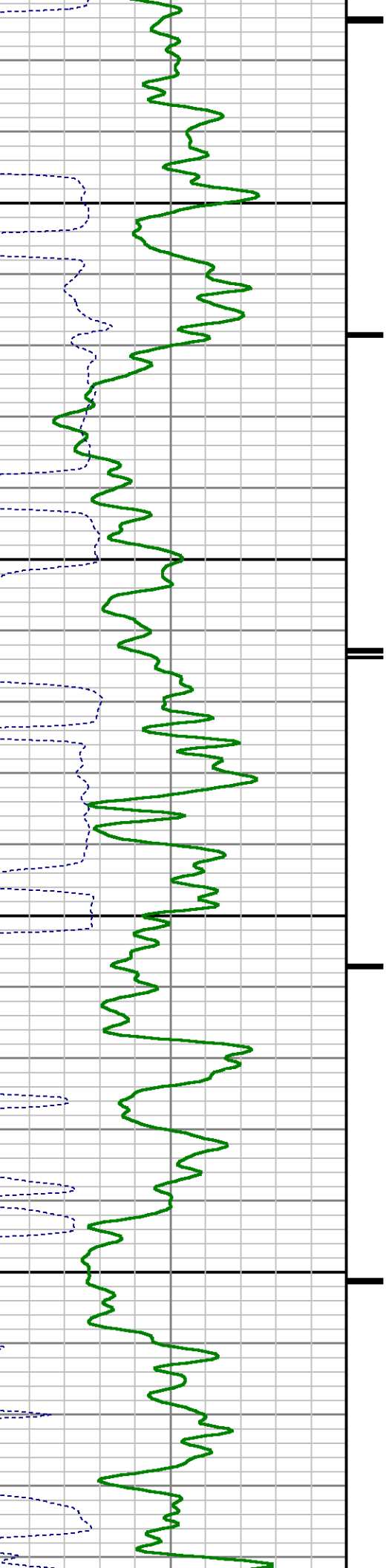
11700

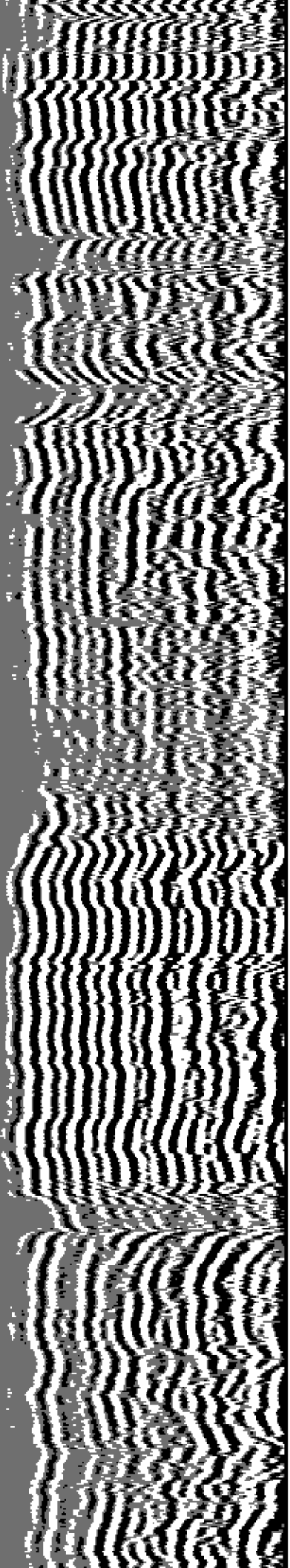




11800

11900

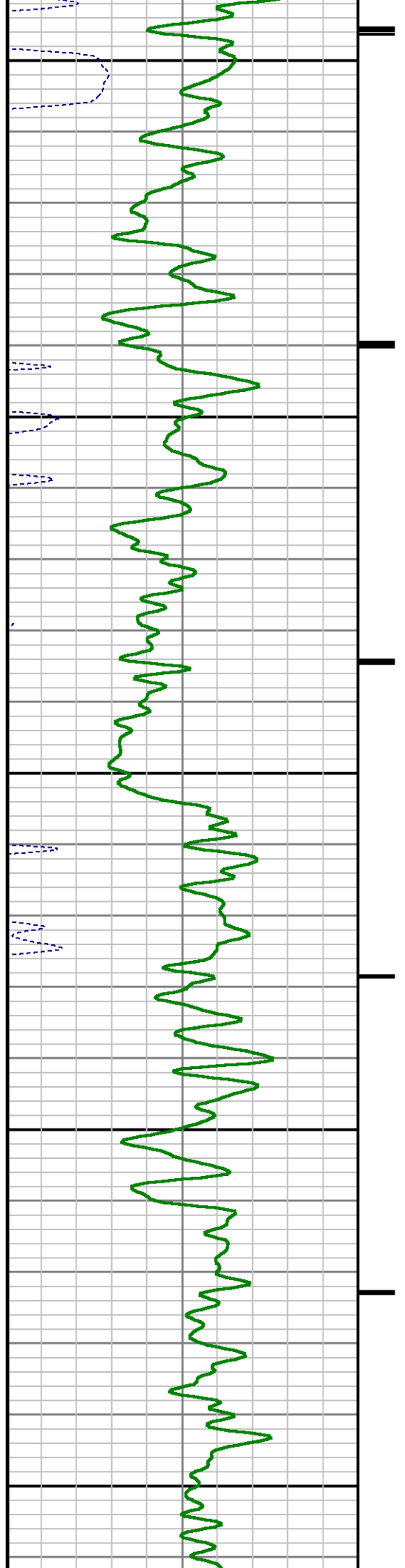


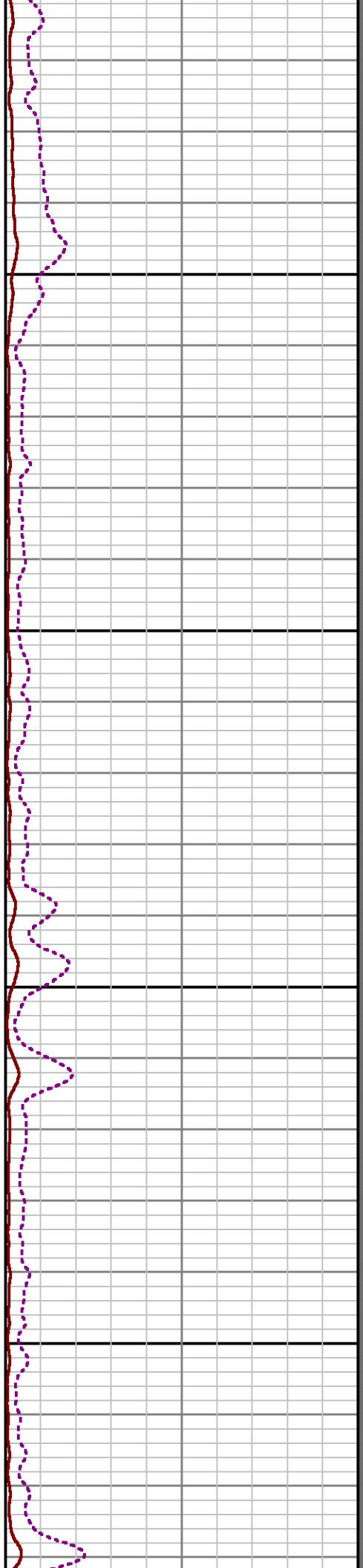
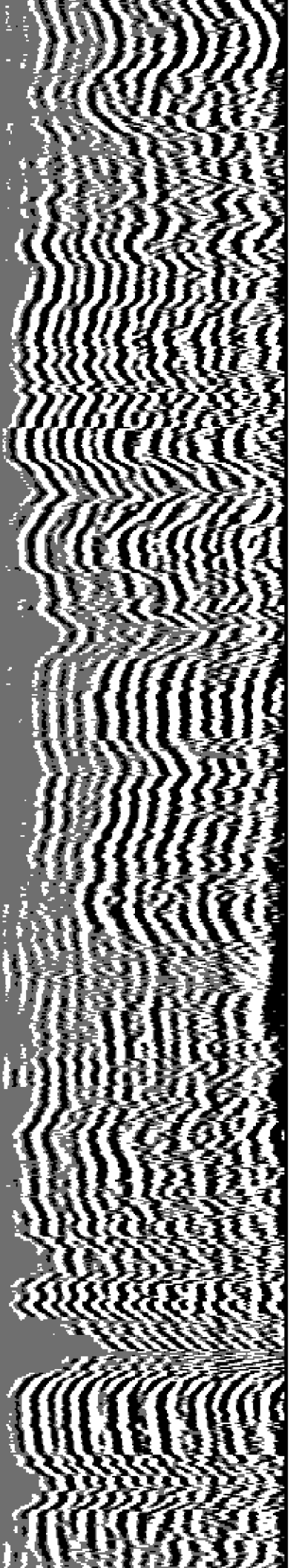


12000

12100

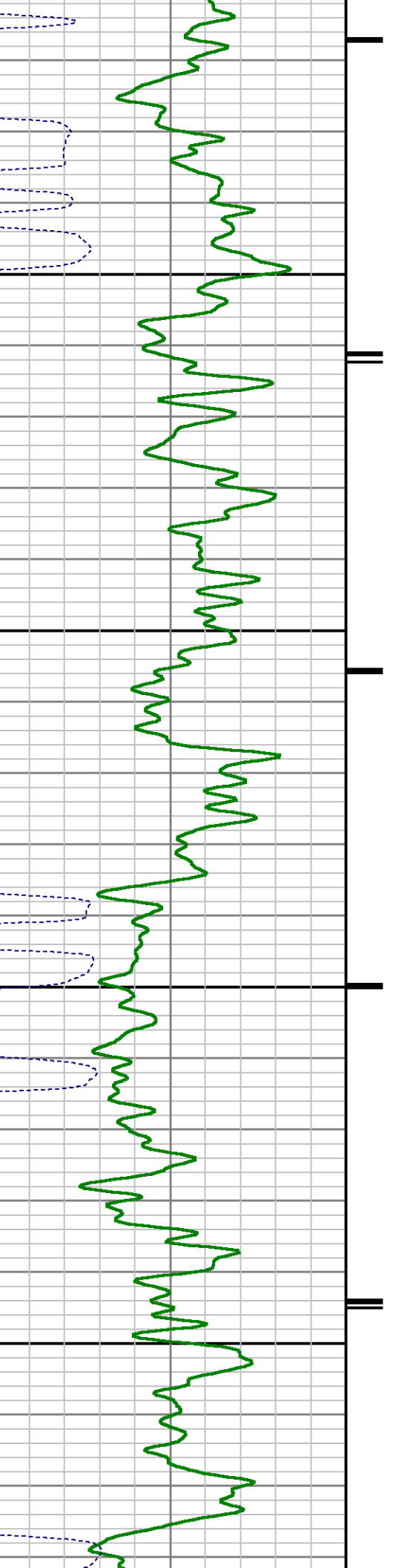
12200

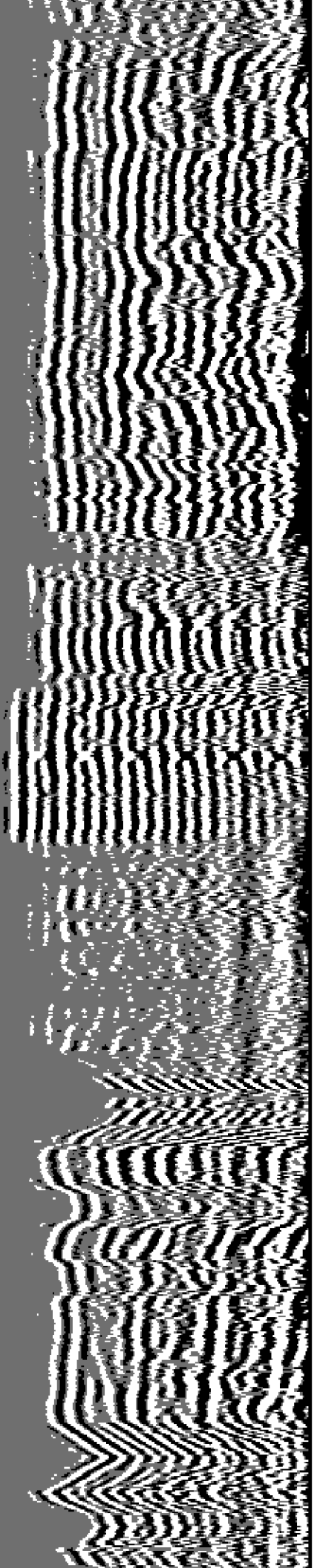




12300

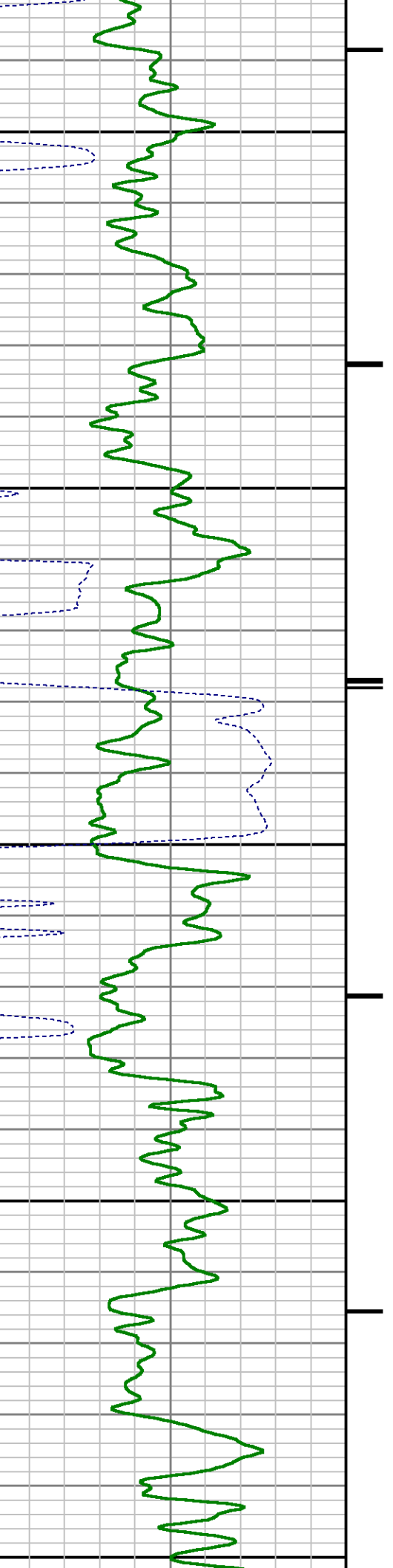
12400

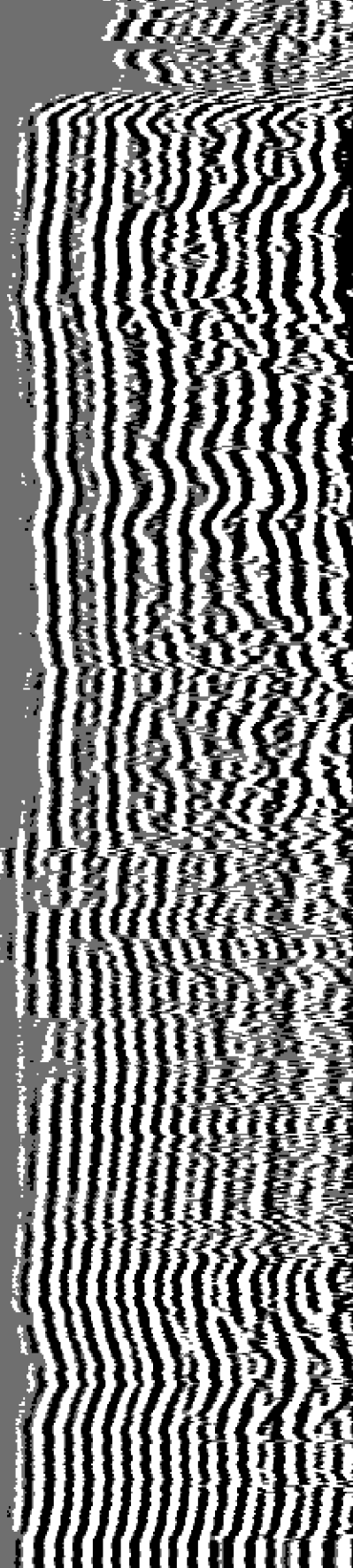




12500

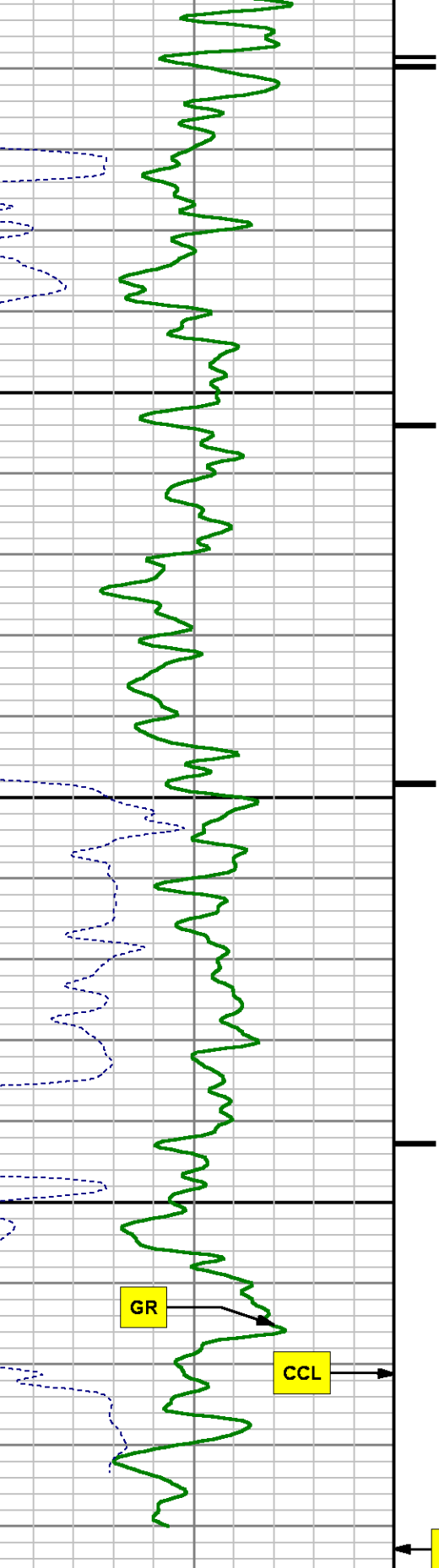
12600



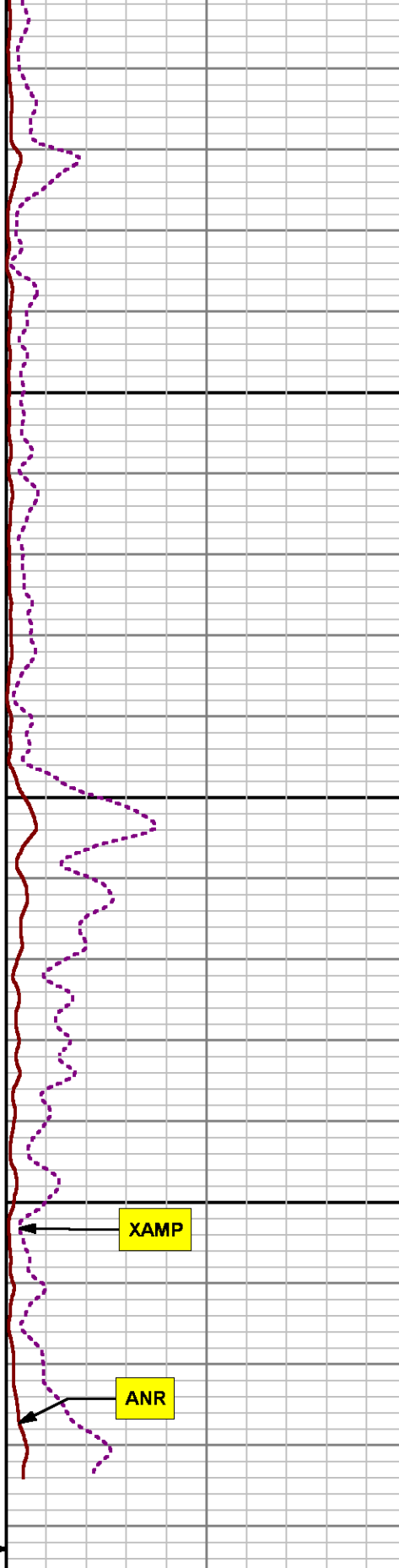


12700

12800



0	GR	150
280	gAPI	180
	TT3	
	u sec	



0	ANR	100
	m v	
0	XAMP	20
	m v	

200	Variable Density	1200
	us	

SECONDARY PRESENTATION

O PSI

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	TOP	BOTTOM
RAL	Amp Gate Start Far	305.000	usec	26.816	7702.000
RAL	Amp Gate Start Near	195.000	usec	26.816	7702.000
RAL	Amp Gate Start Radial	195.000	usec	26.816	7702.000
RAL	Amp Gate Width Far	25.000	usec	26.816	7702.000
RAL	Amp Gate Width Near	25.000	usec	26.816	7702.000
RAL	Amp Gate Width Radial	25.000	usec	26.816	7702.000
RAL	casing od	4.500	inches	26.816	7702.000
RAL	casing wt	11.600	lbm/ft	26.816	7702.000
RAL	FB Start Far	291.900	usec	26.816	7702.000
RAL	FB Start Near	180.000	usec	26.816	7702.000
RAL	FB Start Radial	180.000	usec	26.816	7702.000
RAL	FB Thresh Far	15.000	mv	26.816	7702.000
RAL	FB Thresh Near	10.000	mv	26.816	7702.000
RAL	FB Thresh Radial	10.000	mv	26.816	7702.000
RAL	Fluid Travel Time	200.000	usec/ft	26.816	7702.000

DEPTH OFFSETS

(for Acquired Curves)

SERIES	DEPTH OFFSET	ACQUIRED CURVES					
1426XA	-12.360	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	-11.360	AFAR	SIG	TT5			
2459XA	-7.250	CCL					
2459XA	-5.390	GR					
2459XA	0.000	NEU					

Company : WPX ENERGY

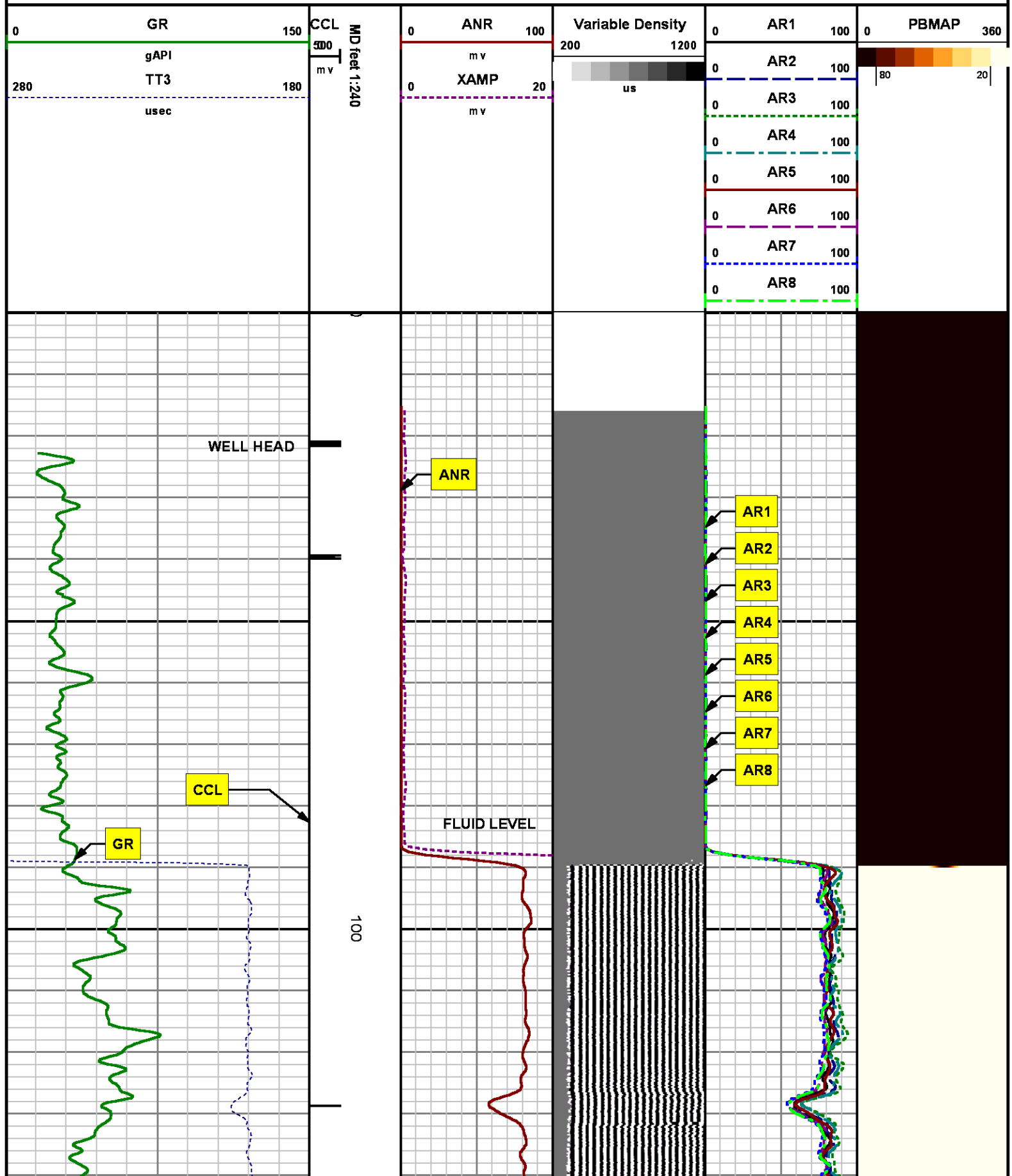
Well : FEDERAL RGU 44-24-198

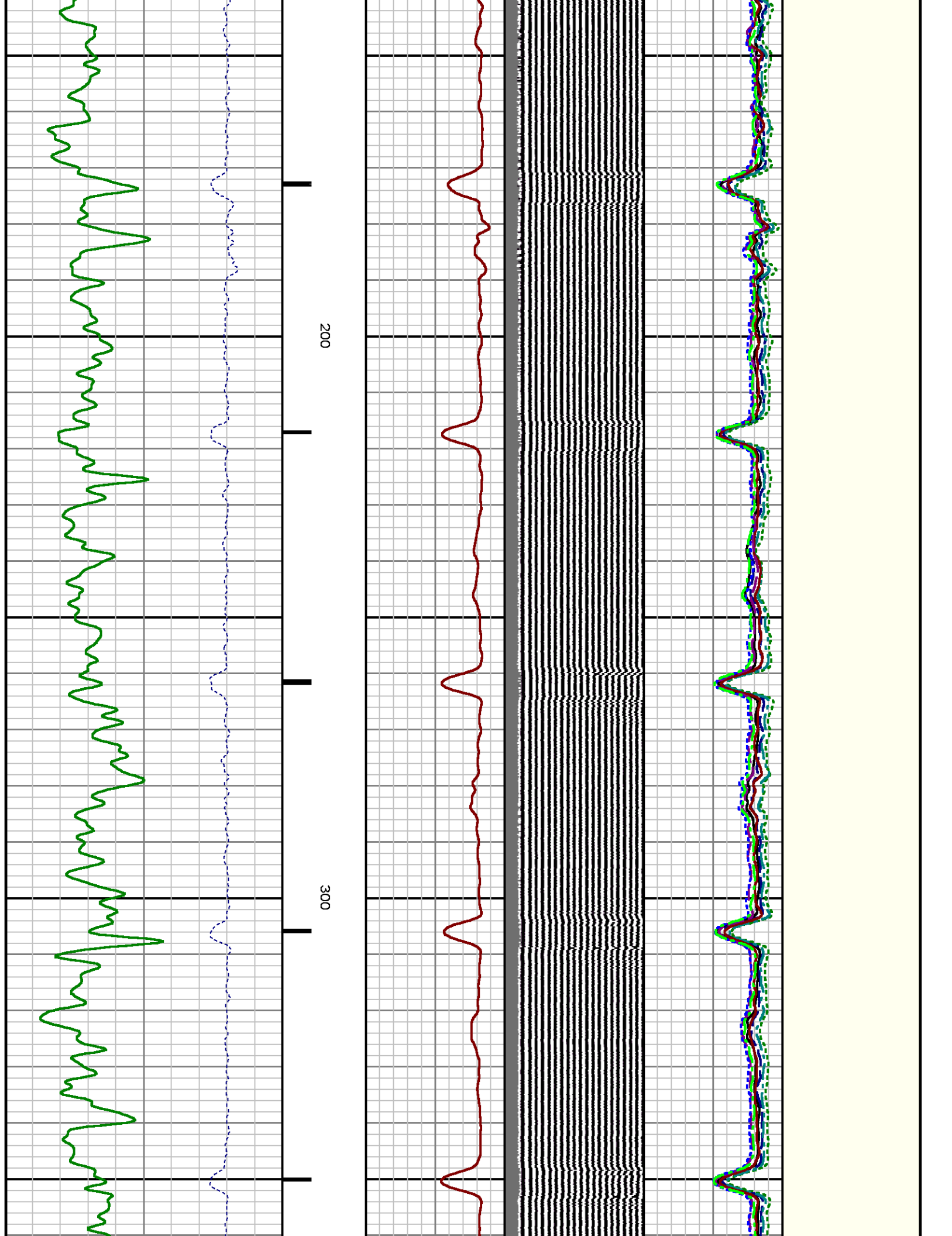
File Name : d:\welldata\wpx\rgu 44-24-198\44ra\mainsplice.xtf

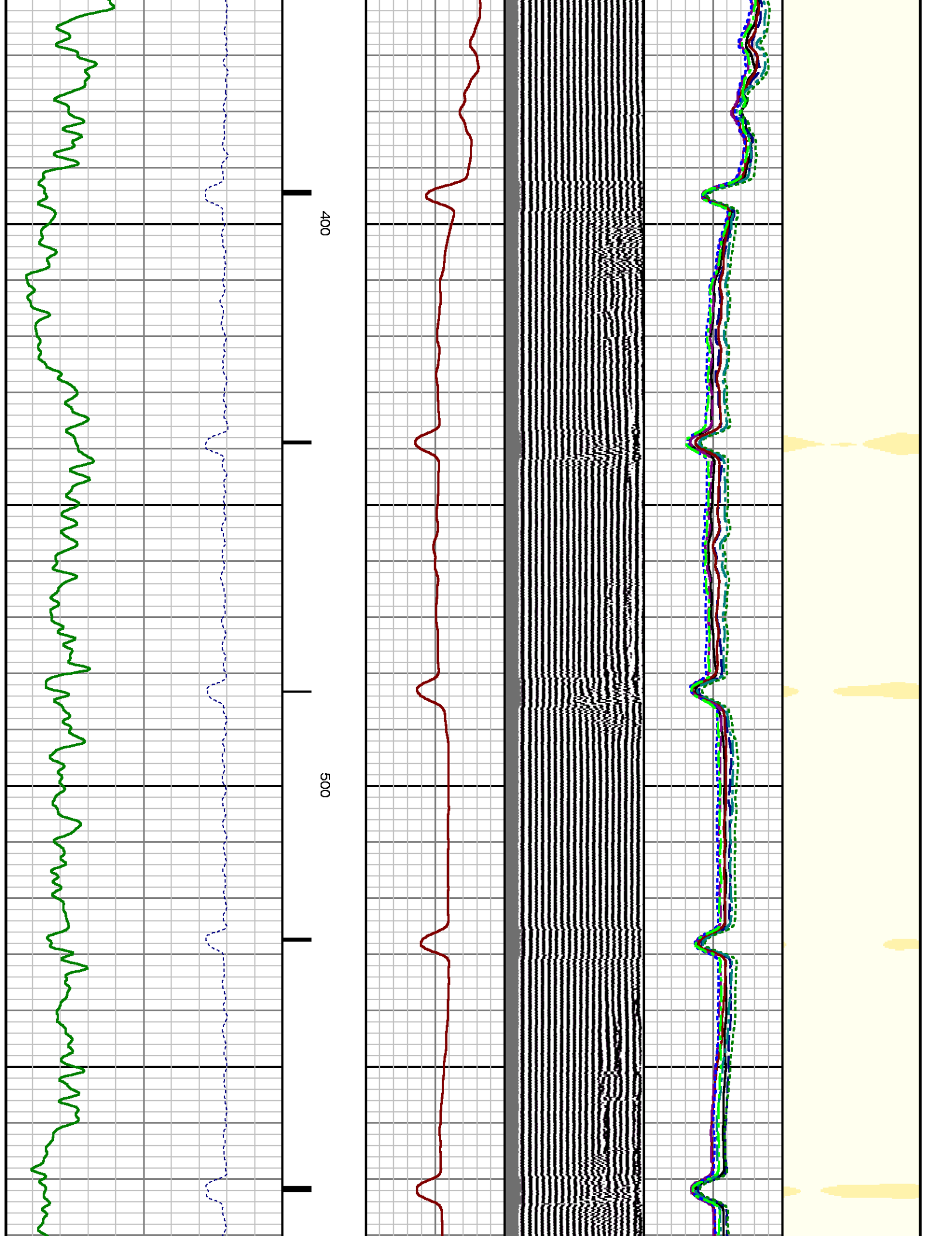
Mode : PlotMgr 5.4.504

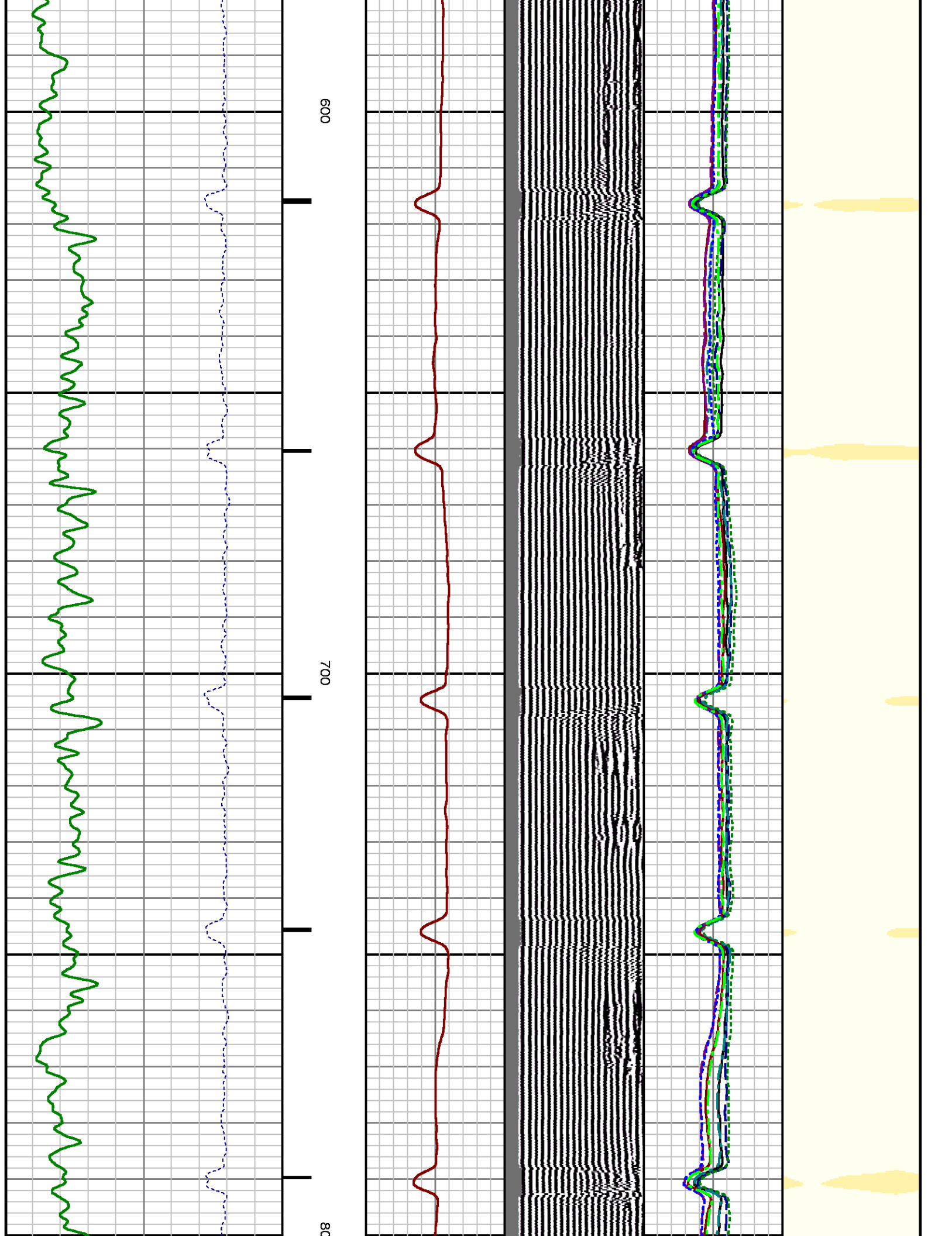
Interval : 0.00 - 12847.00 feet UP

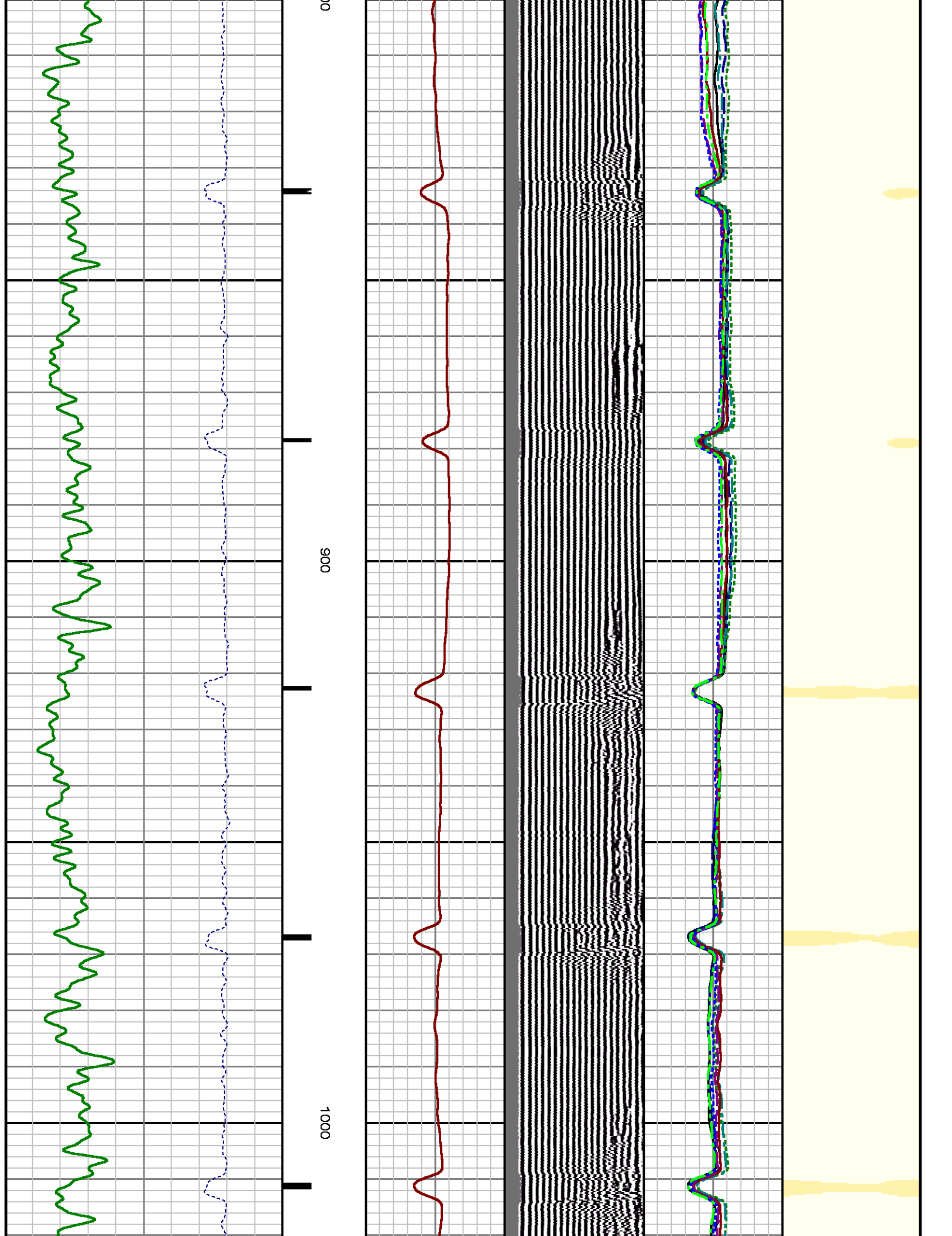
Created : 8/8/2014 2:39:19 PM

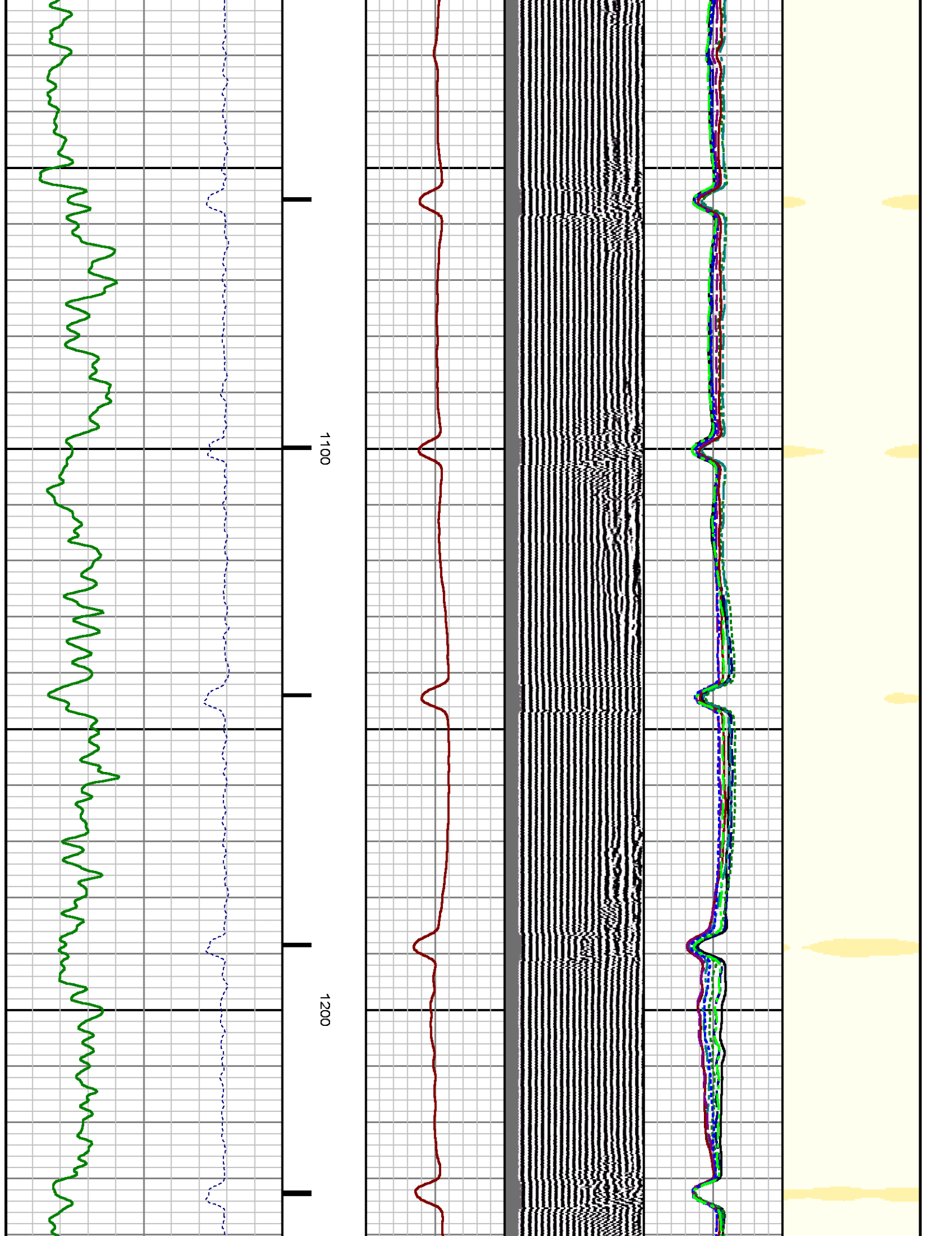


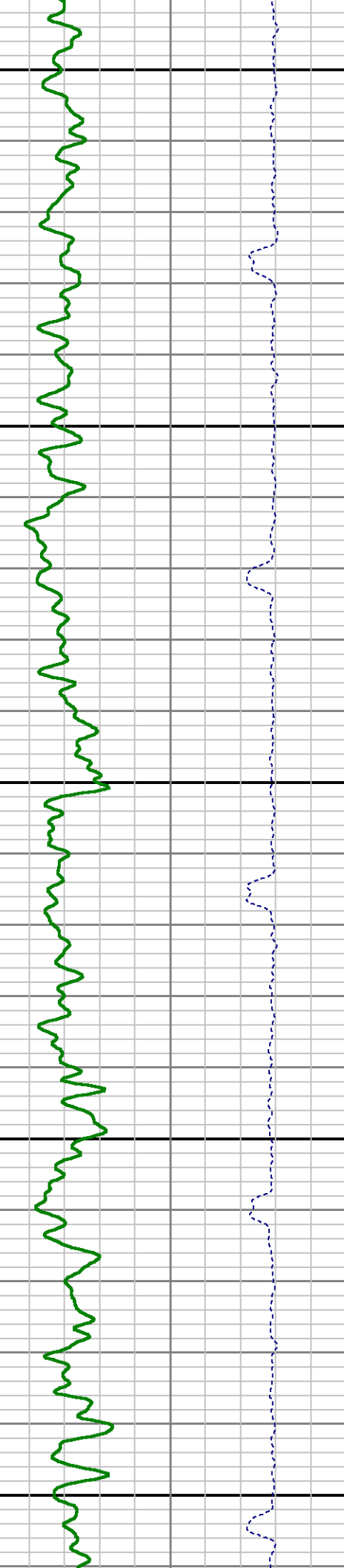
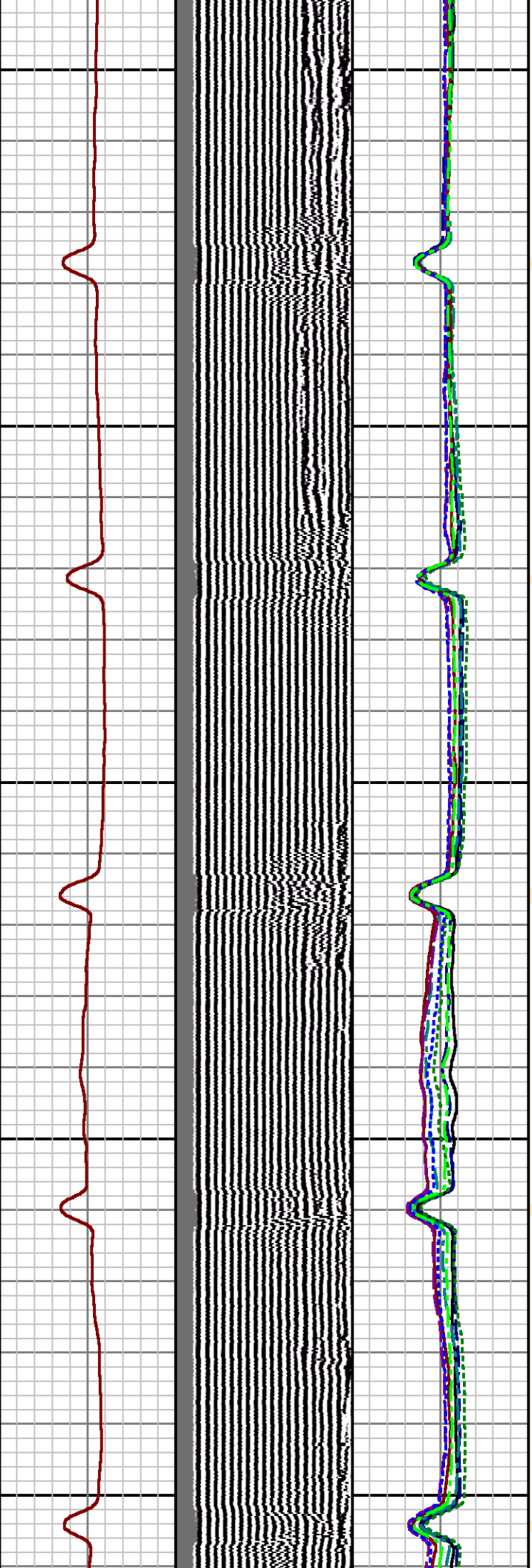


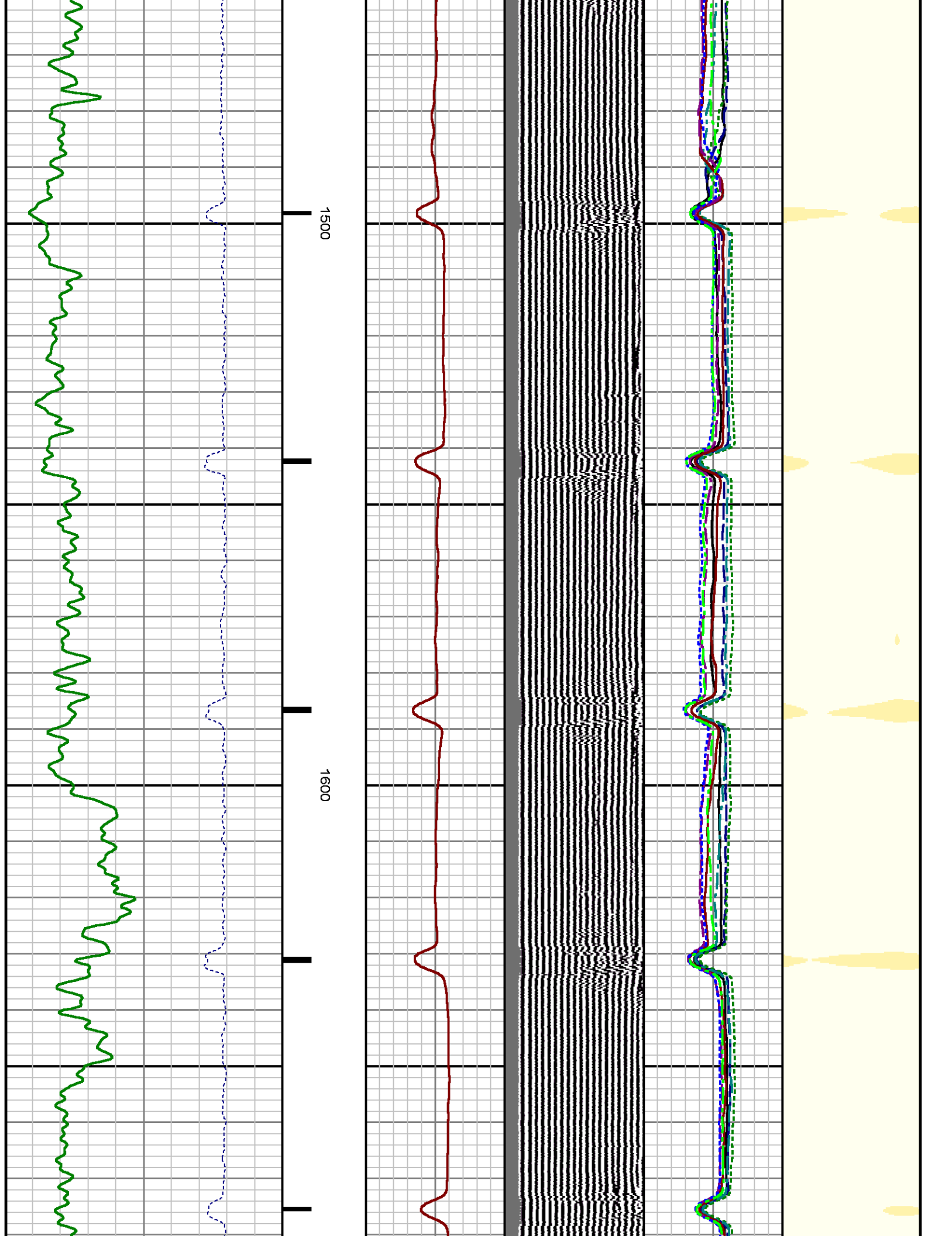


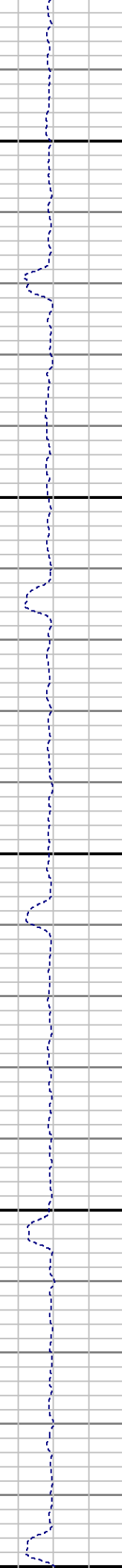
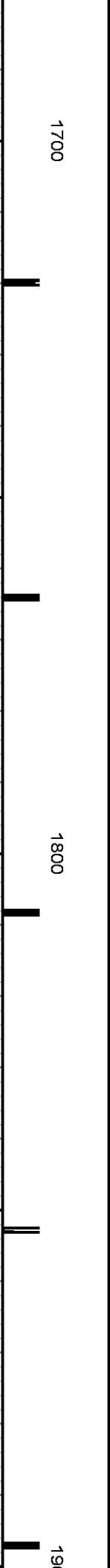
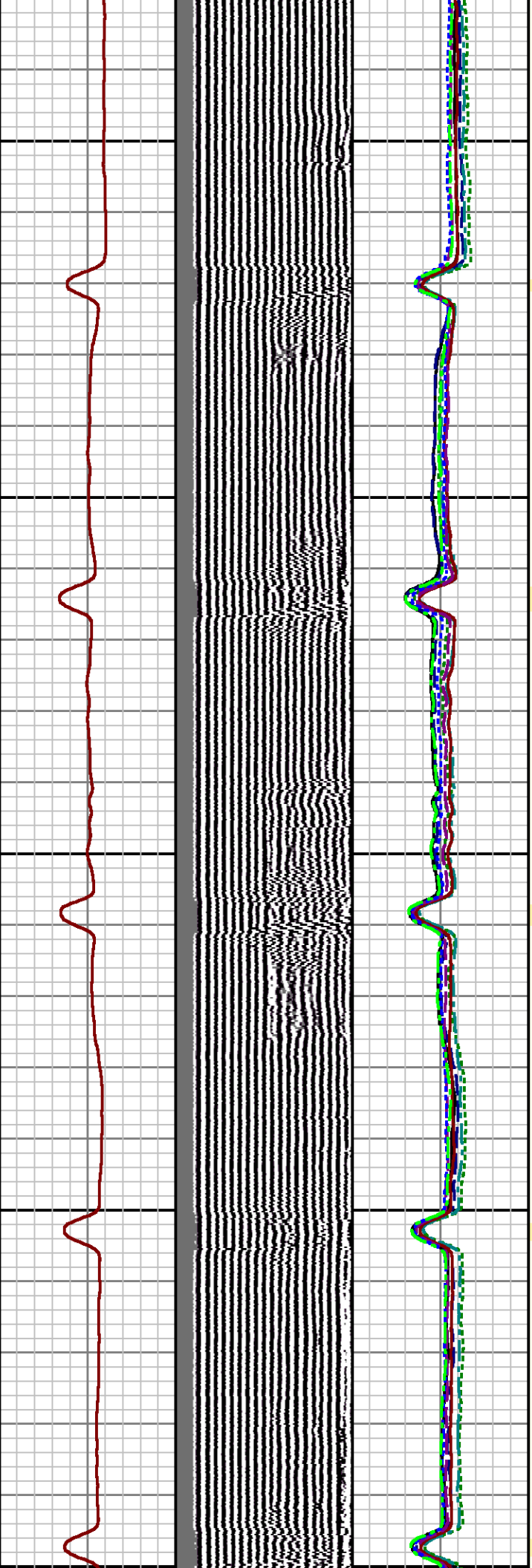


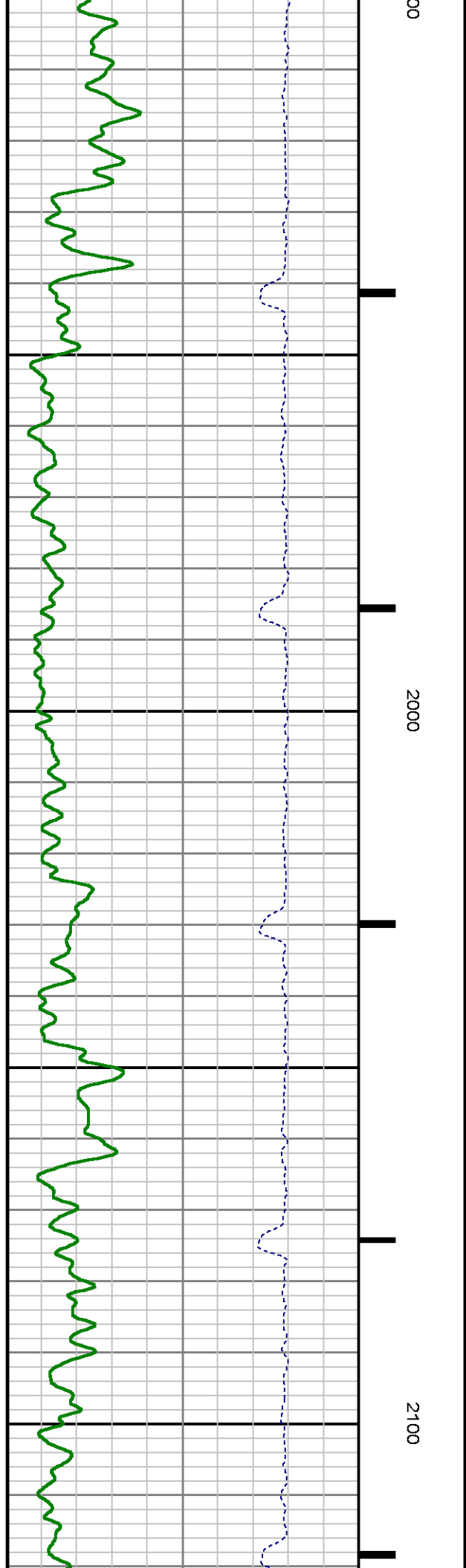
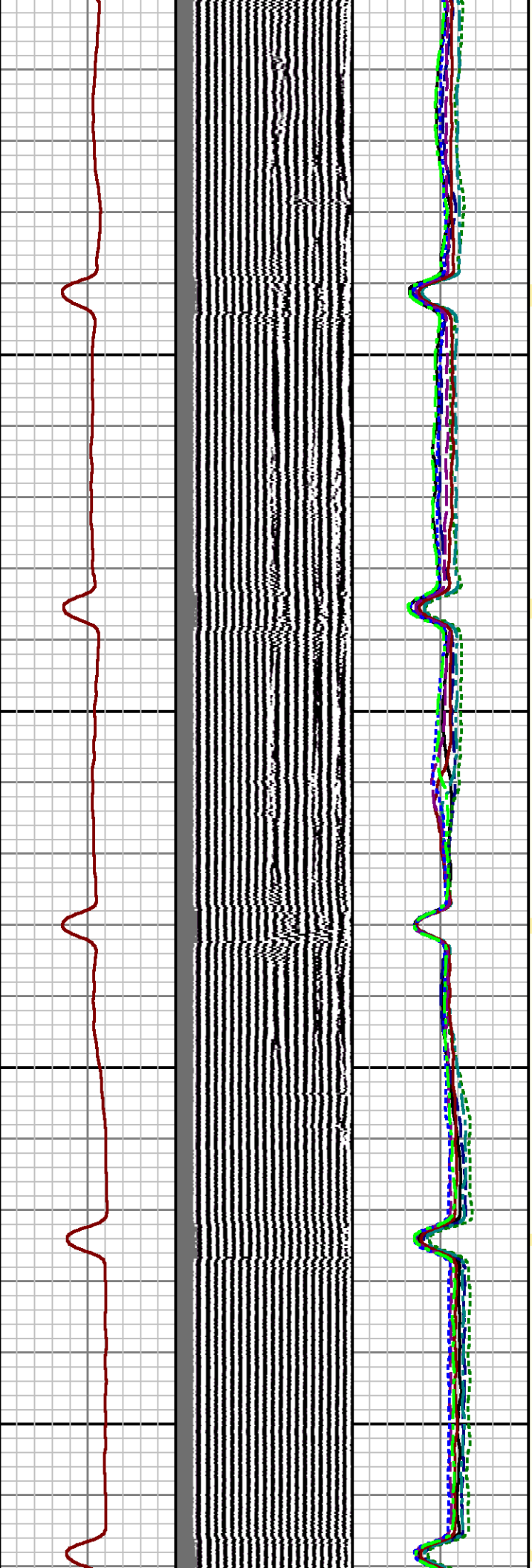
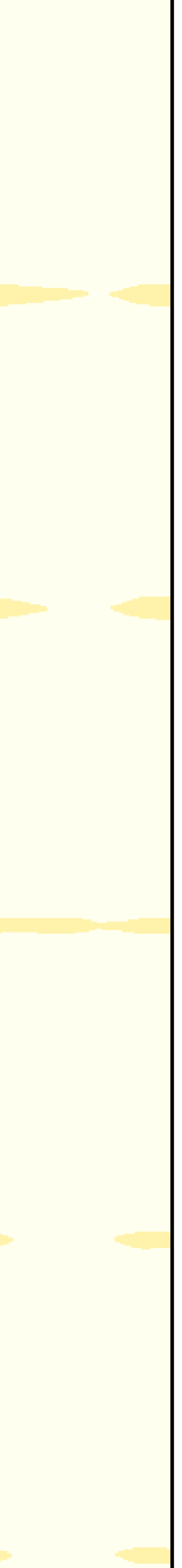


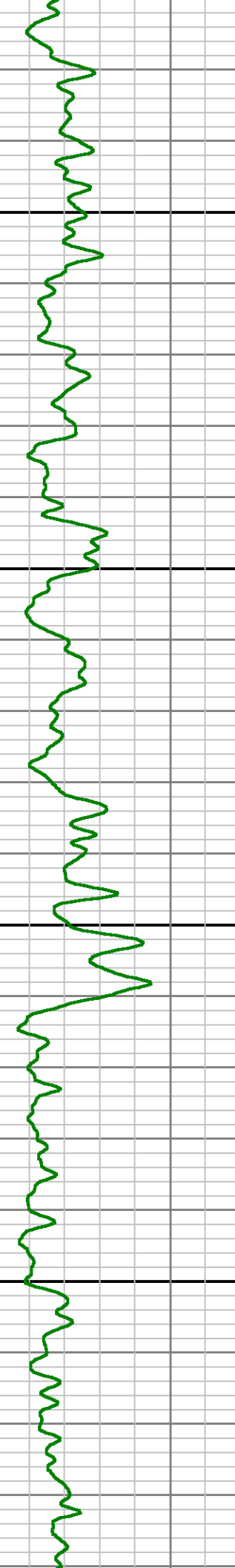
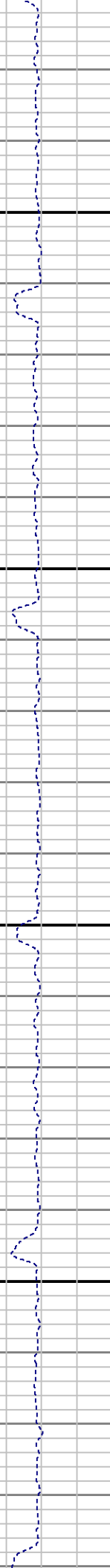
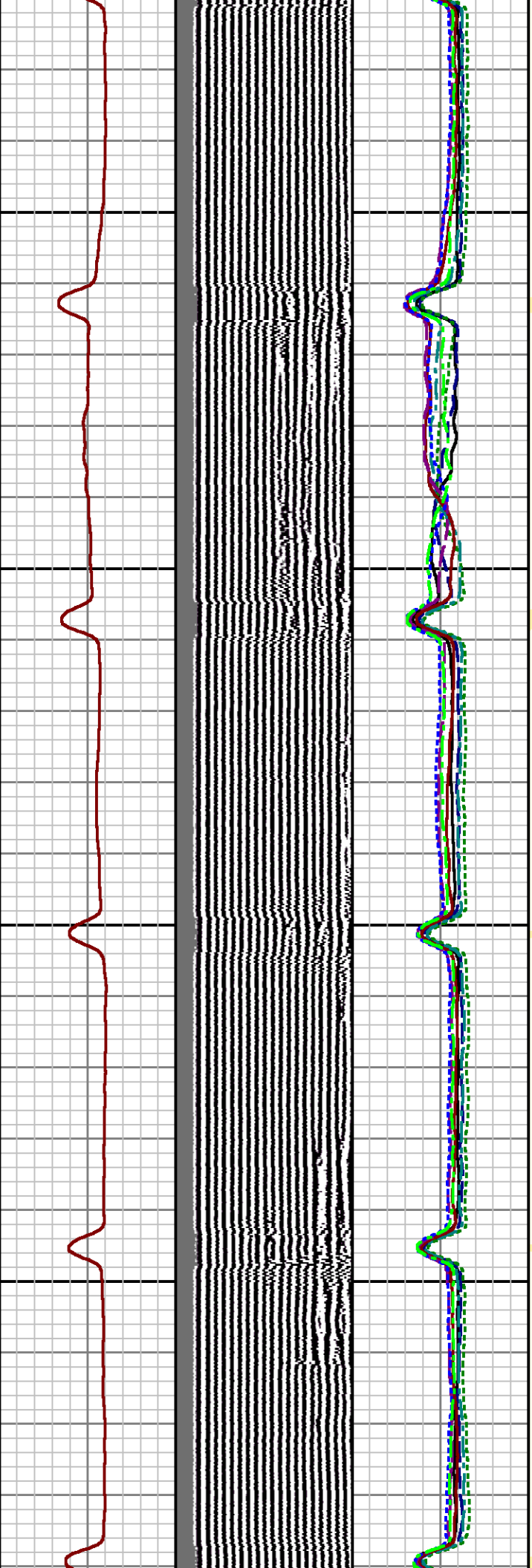
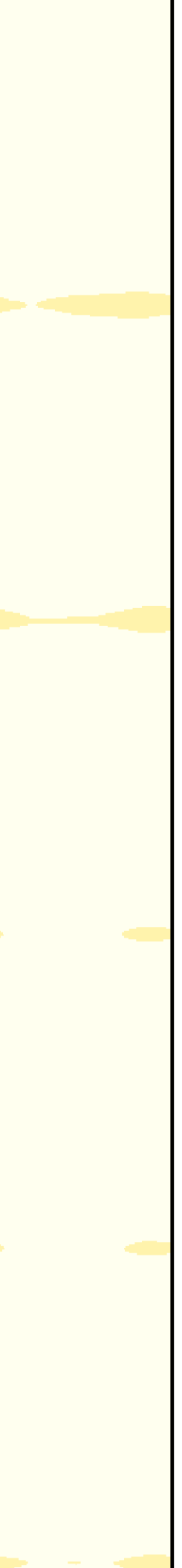


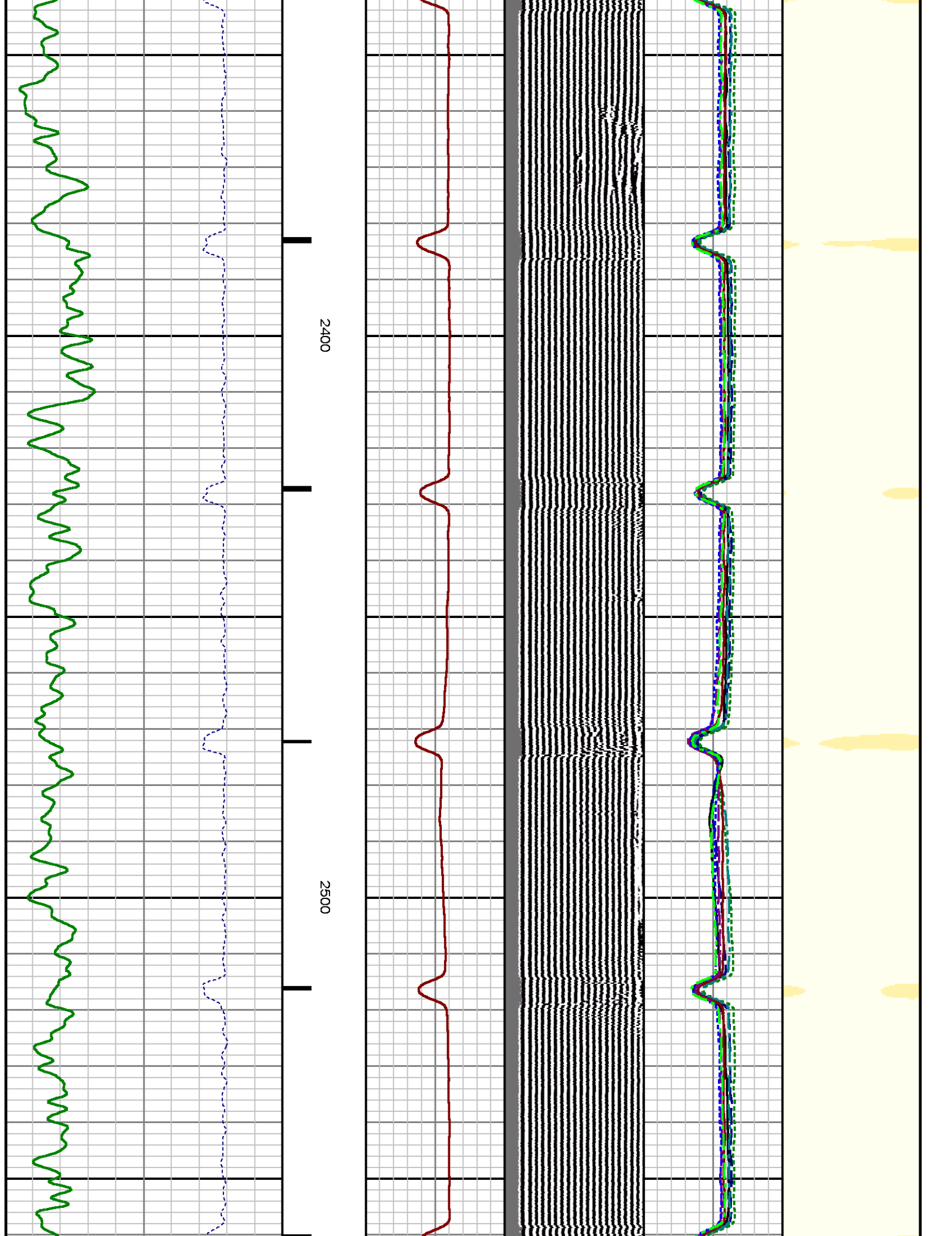


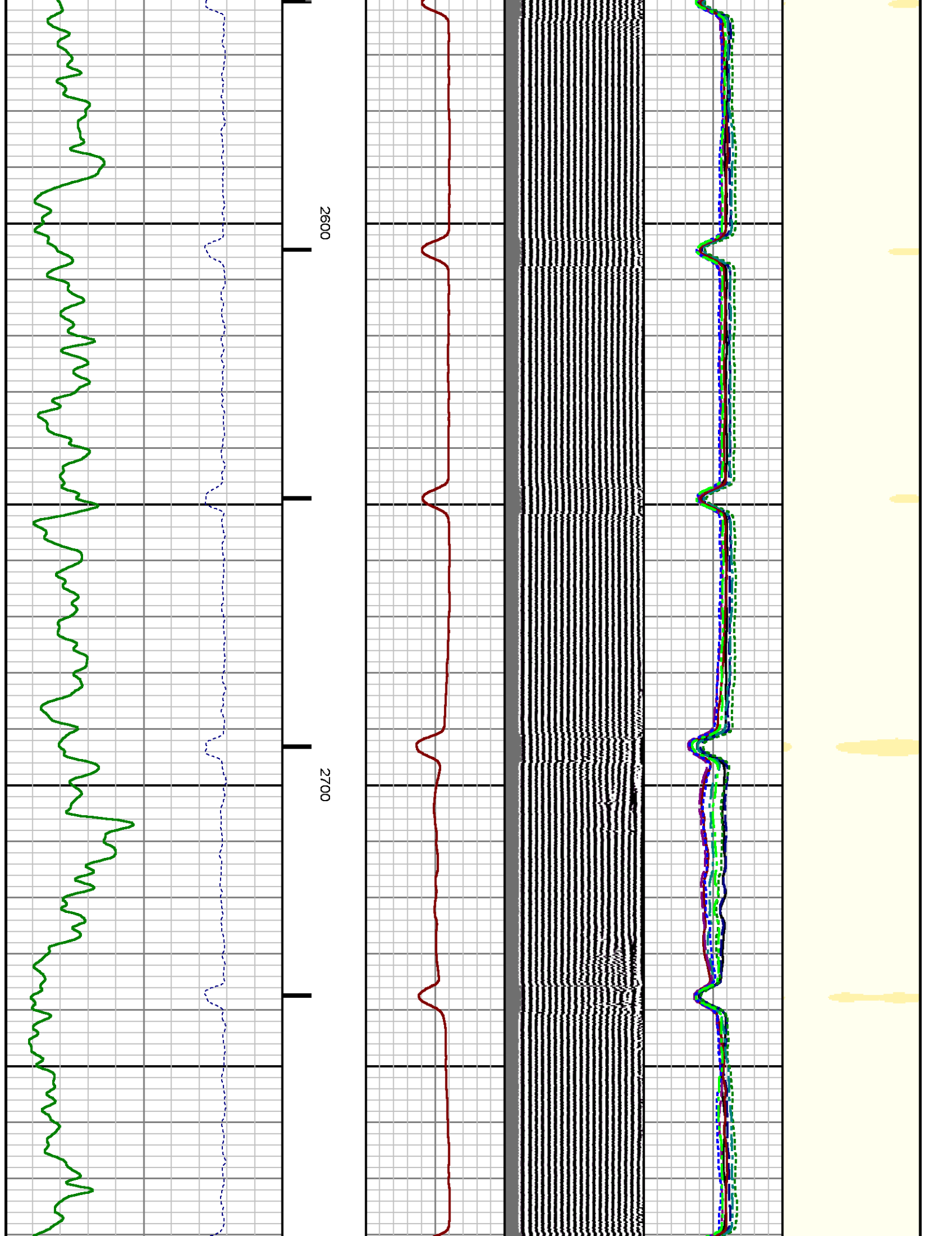


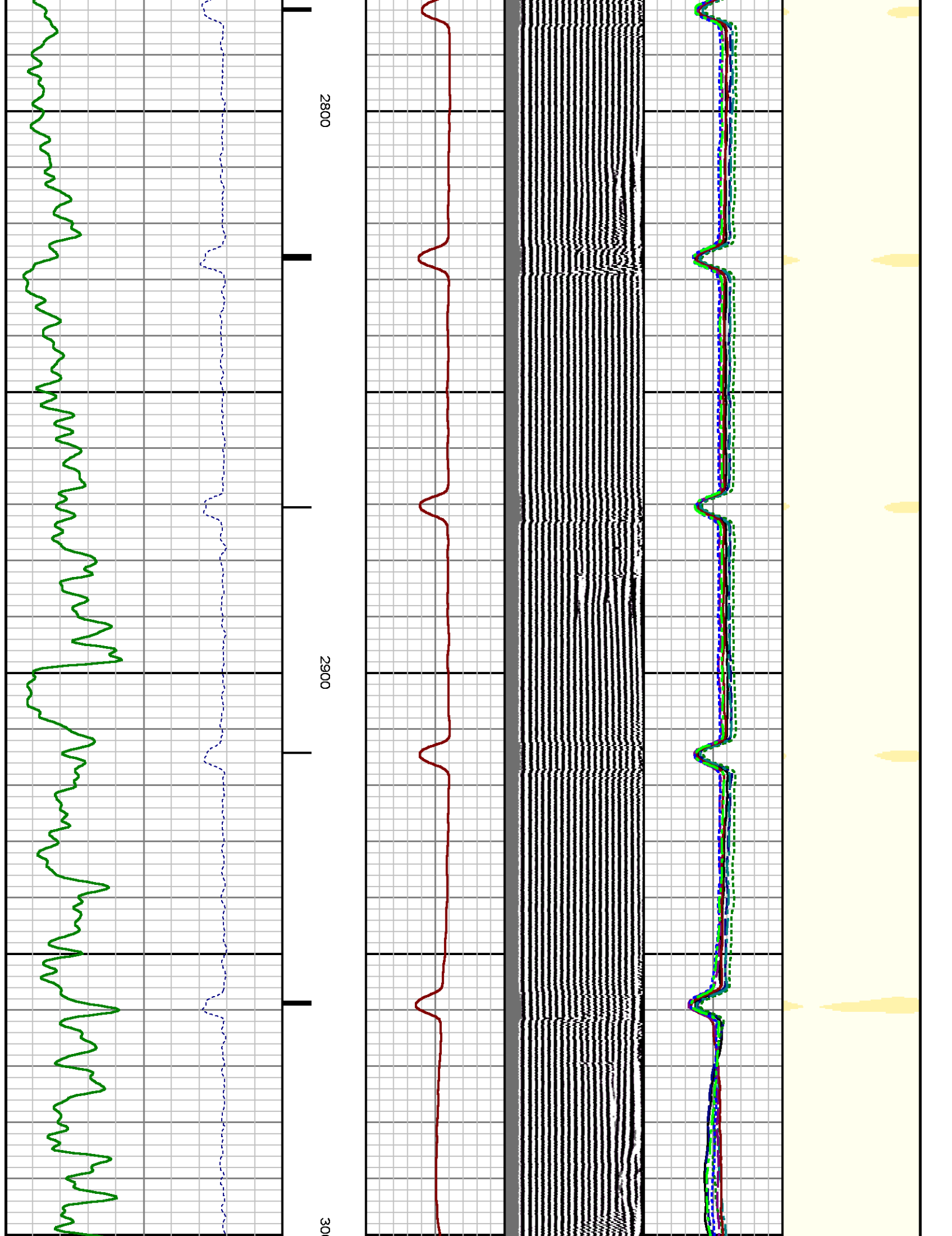


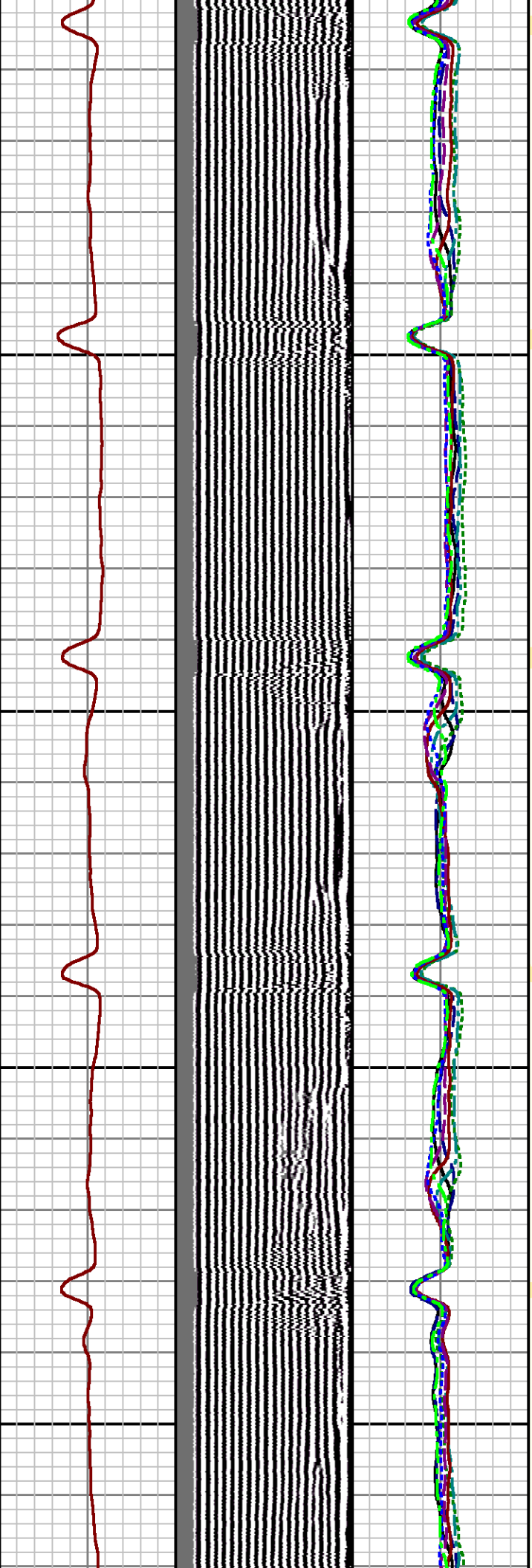




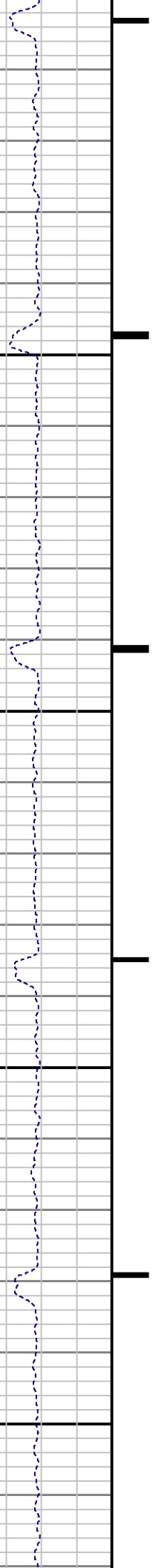


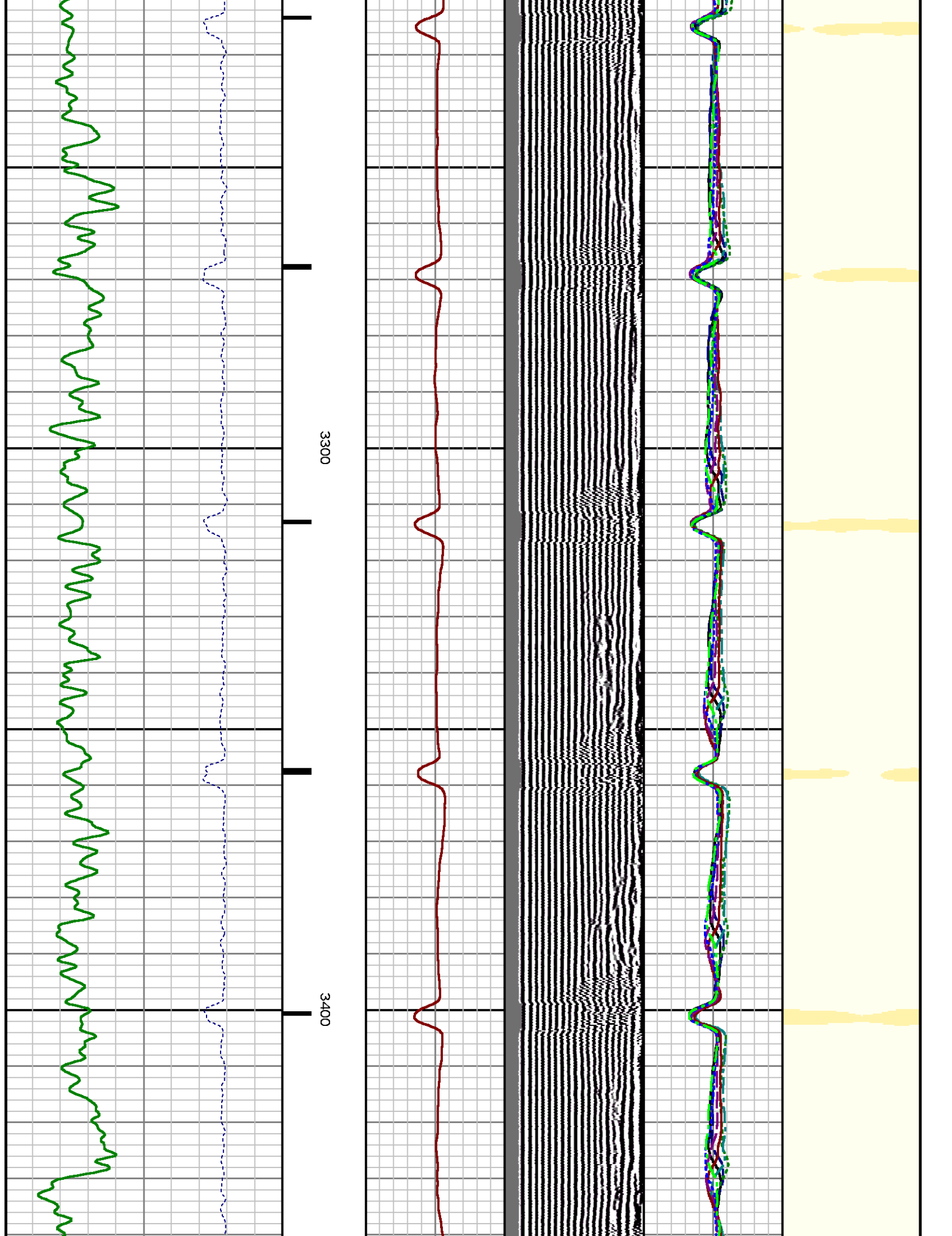


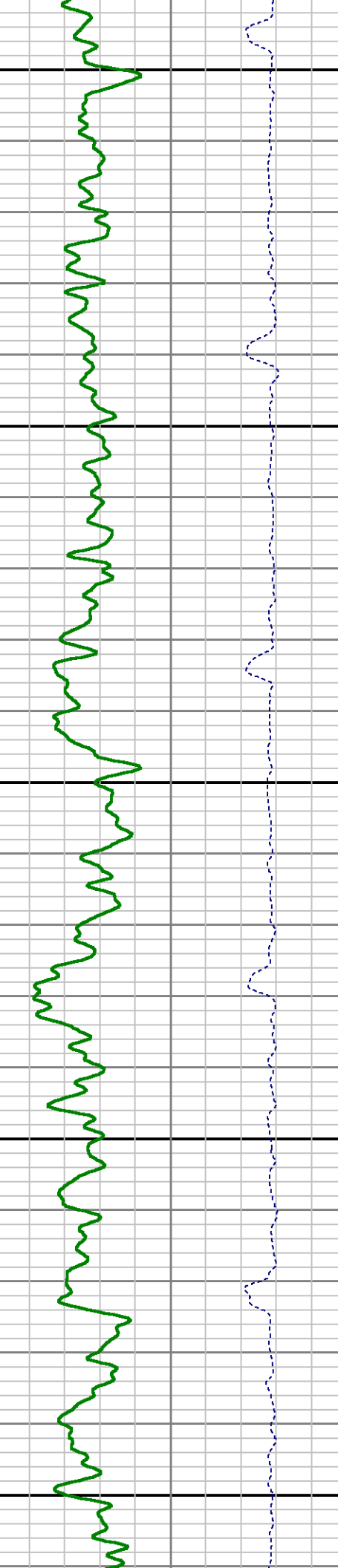
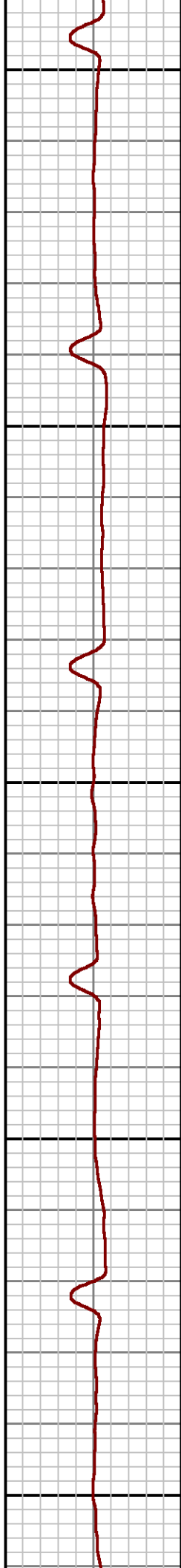
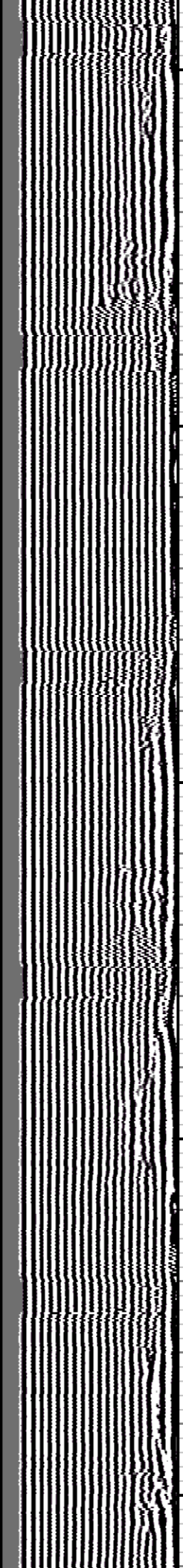
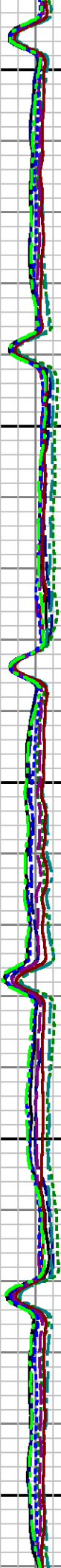
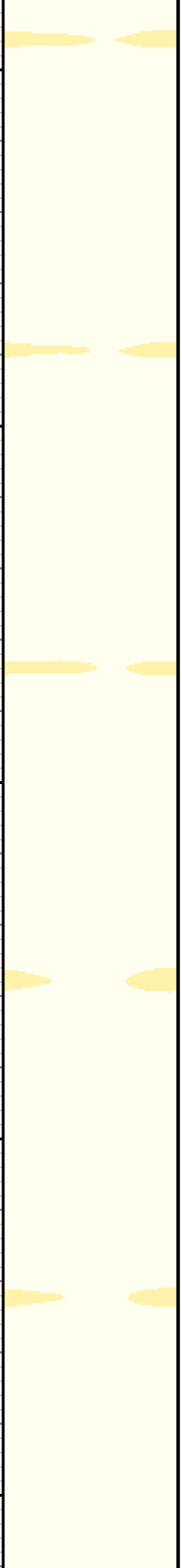




00 3100 3200

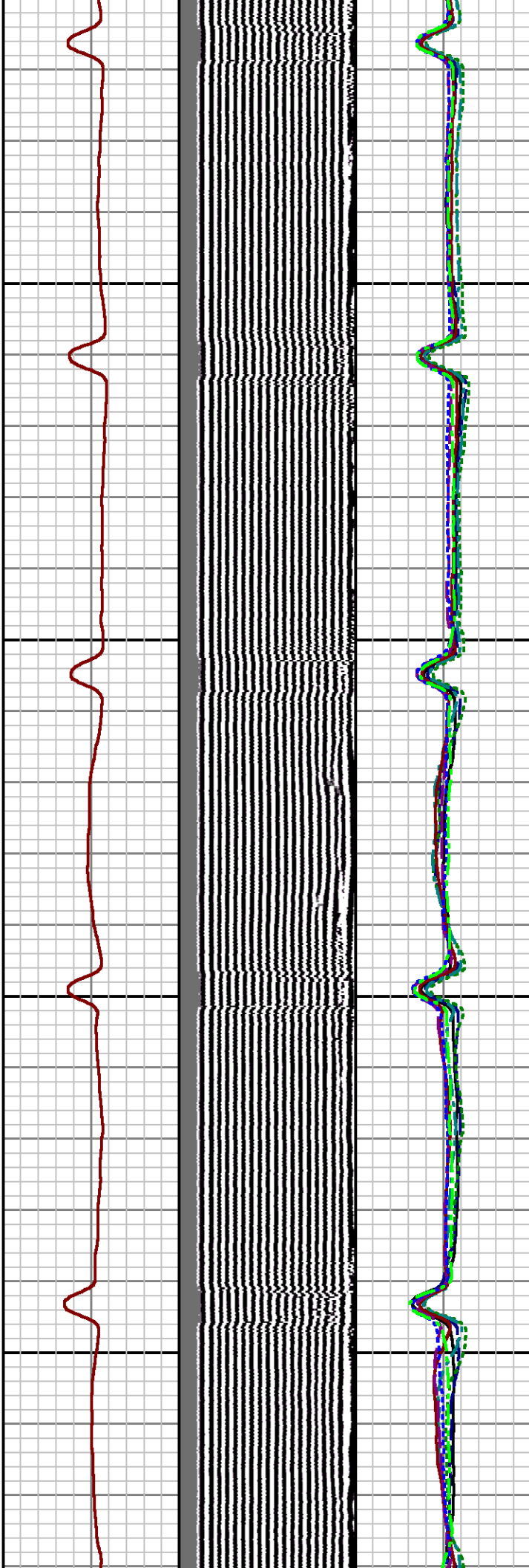
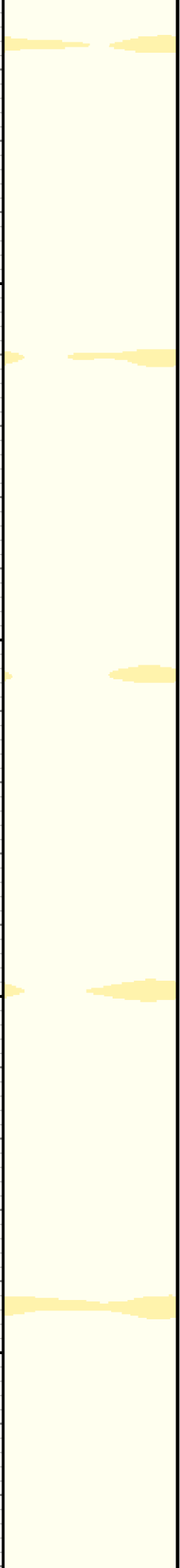






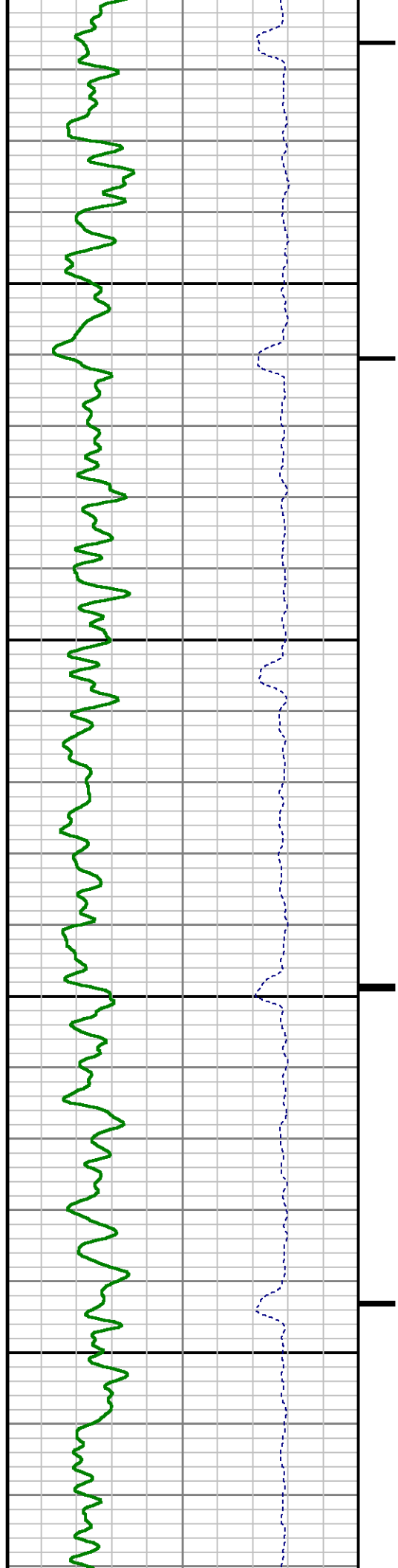
3500

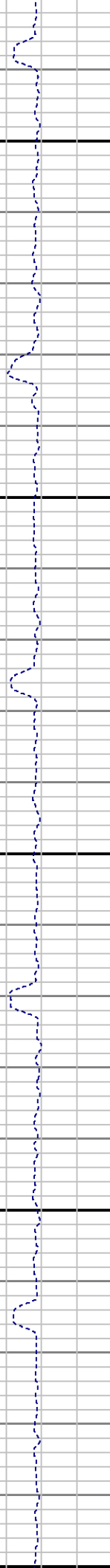
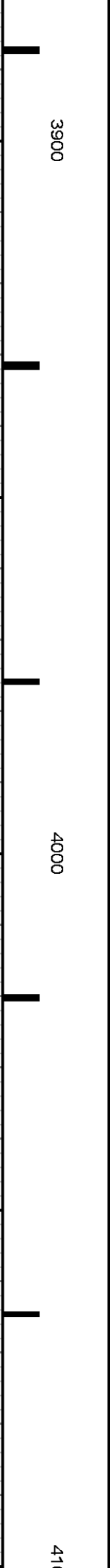
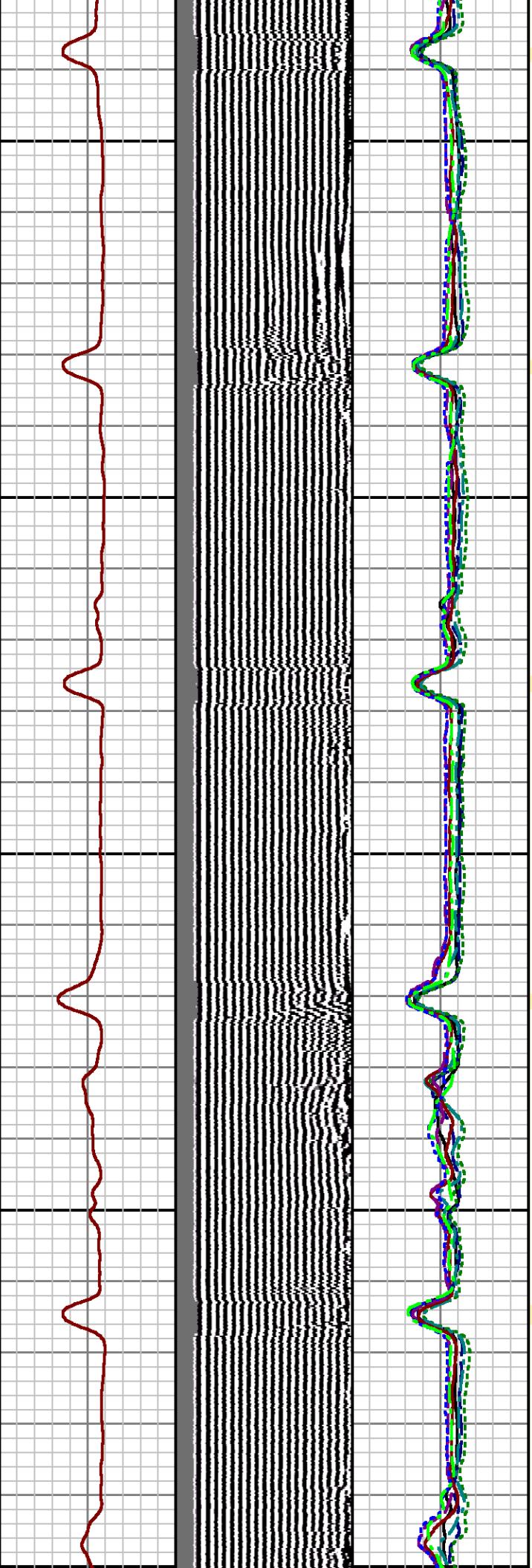
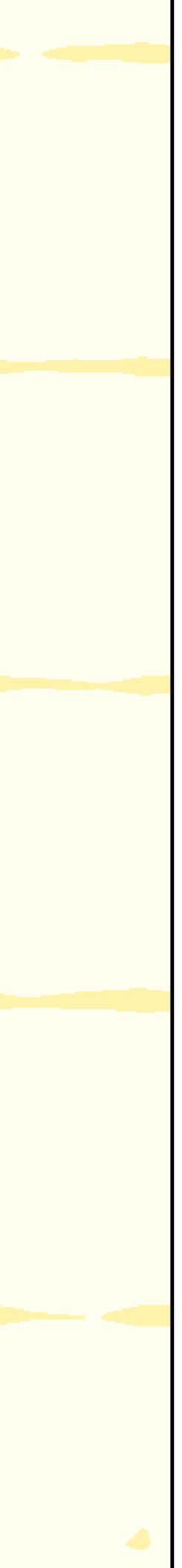
3600



3700

3800

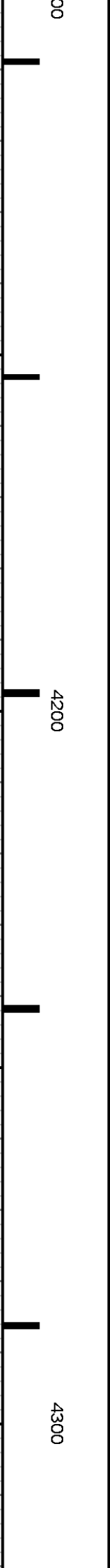
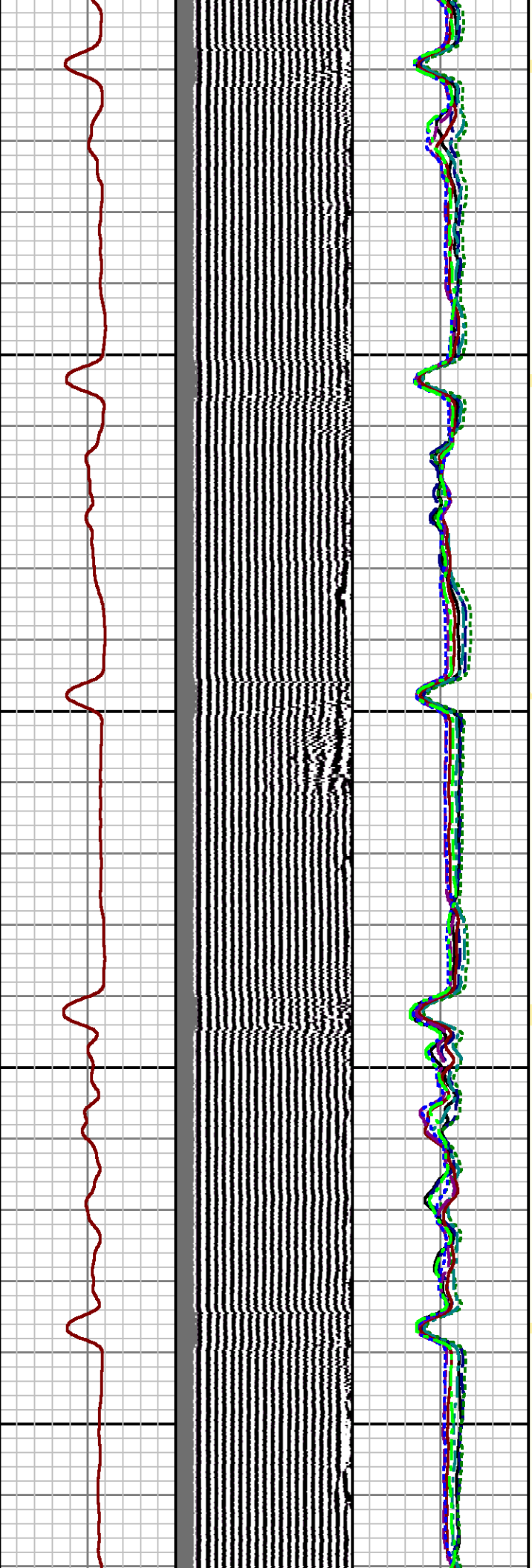




3900

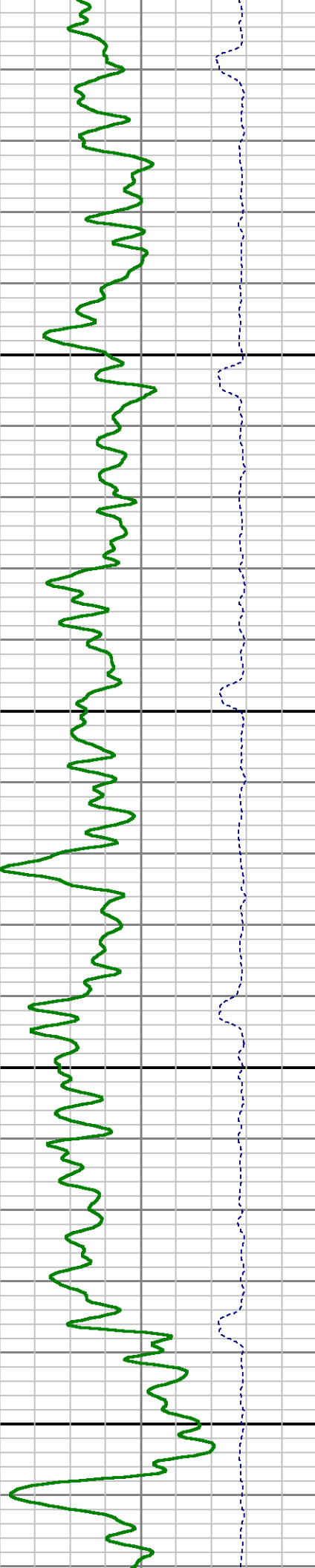
4000

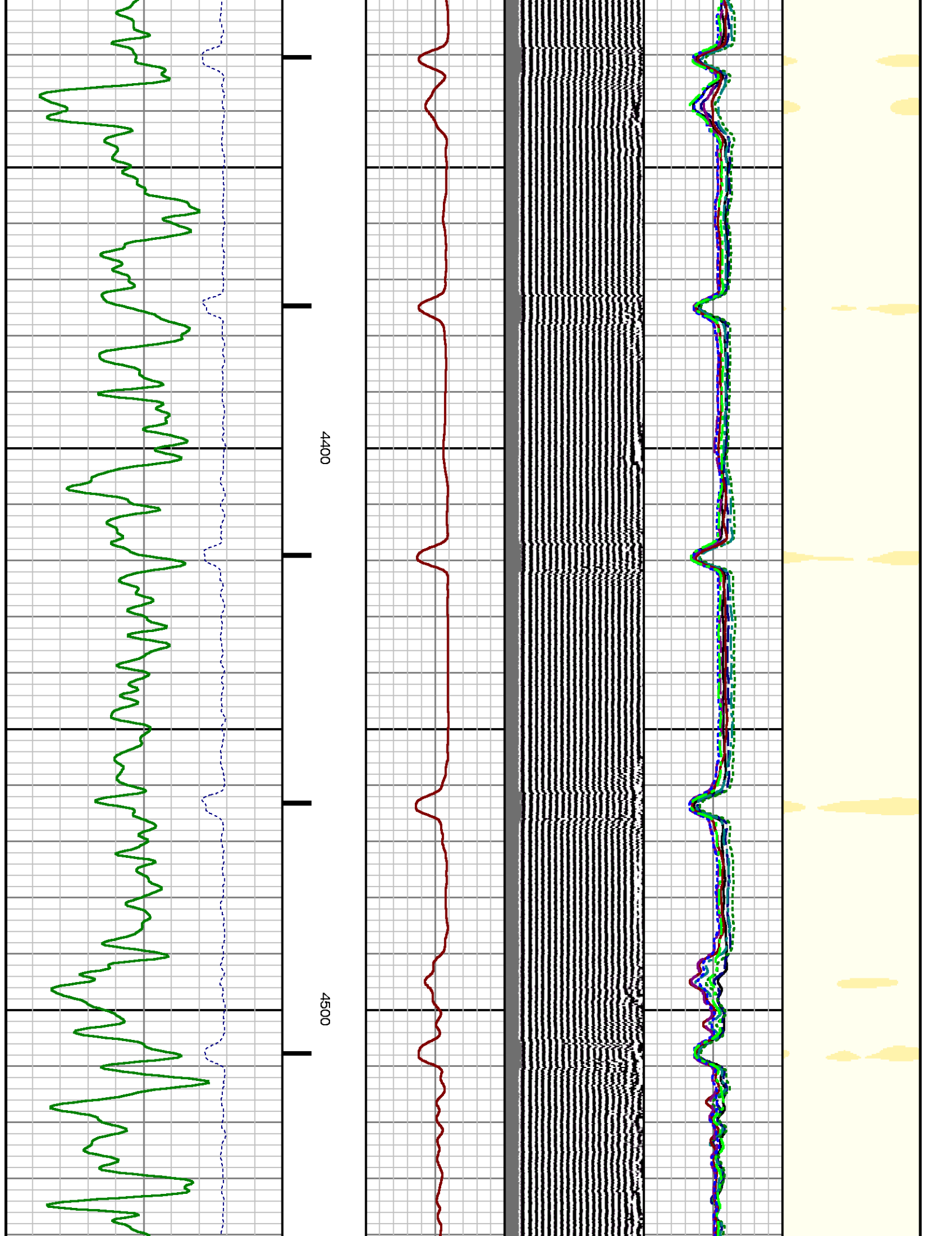
41

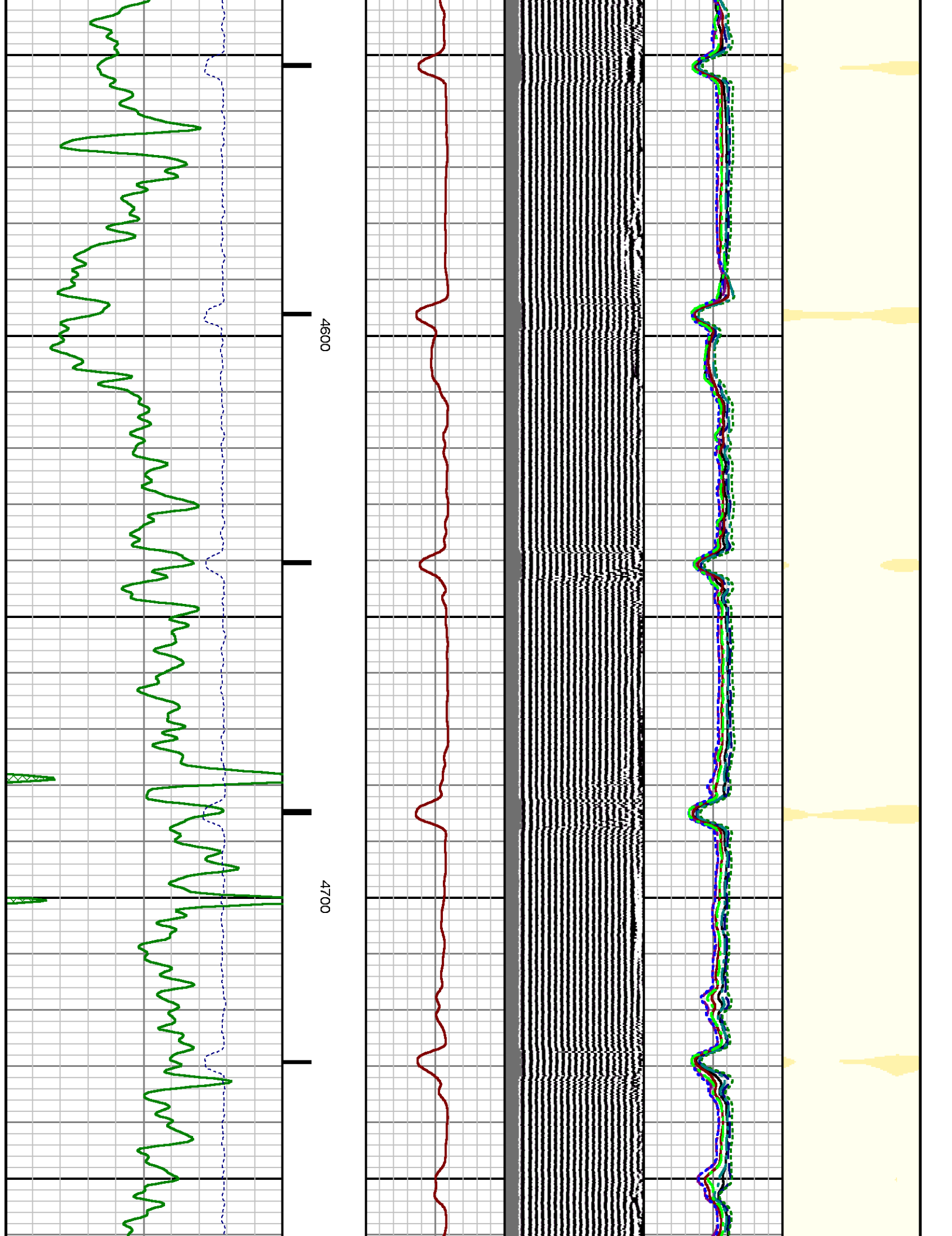


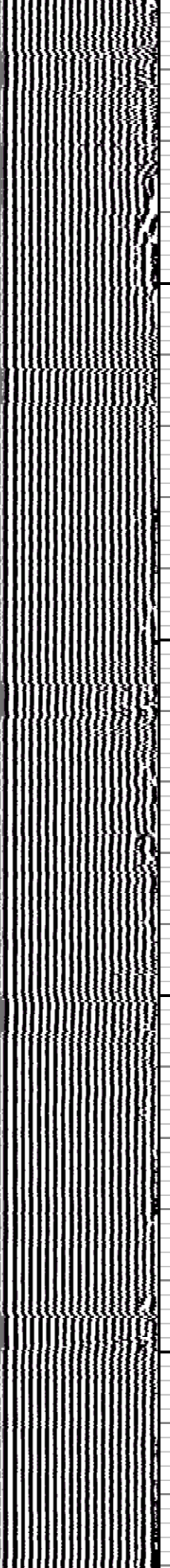
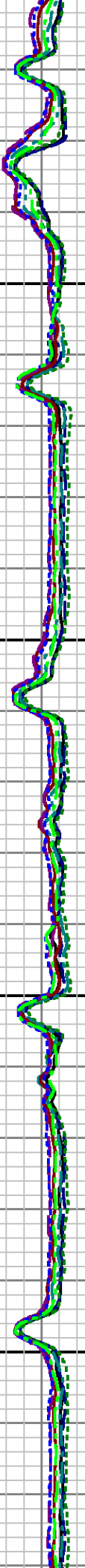
4200

4300



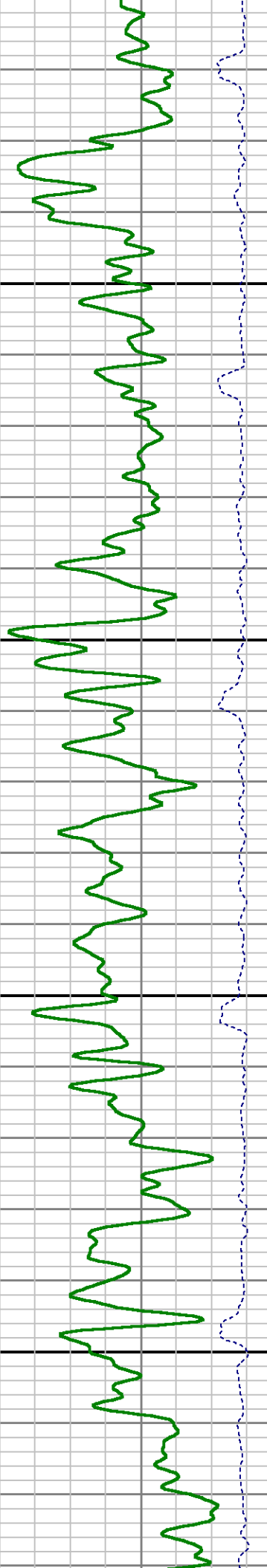


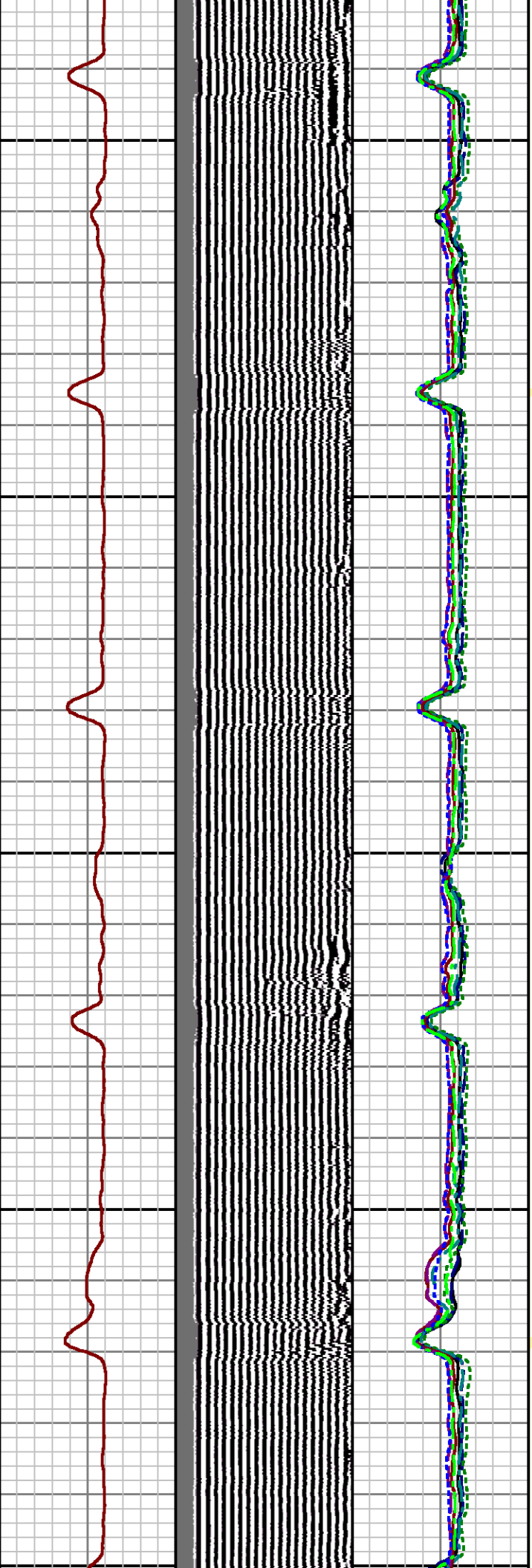




4800

4900

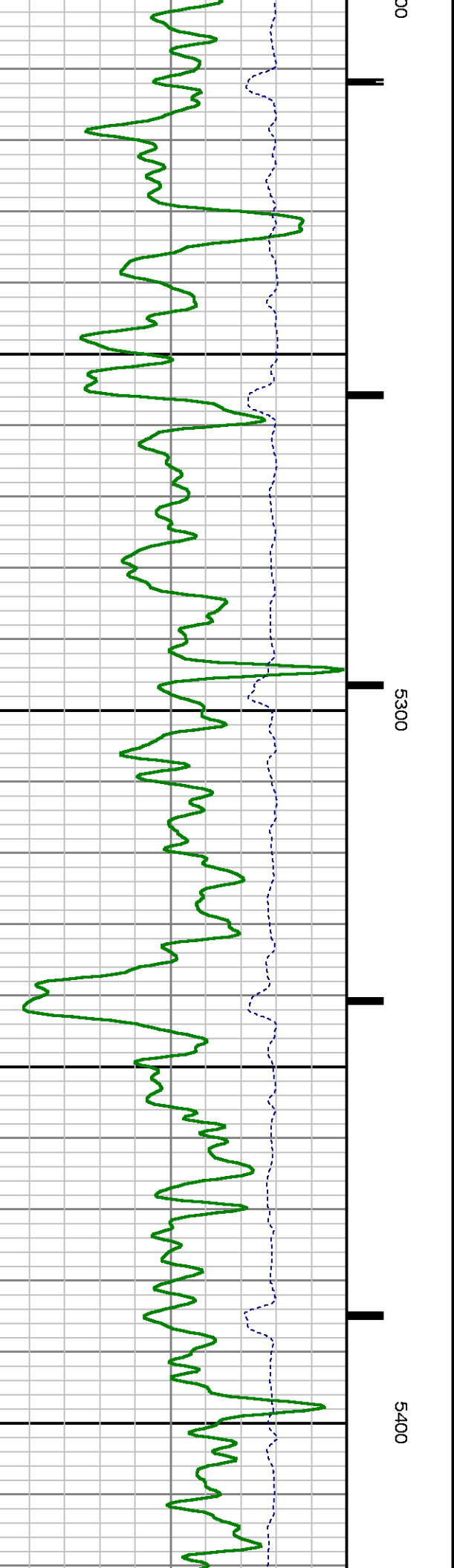
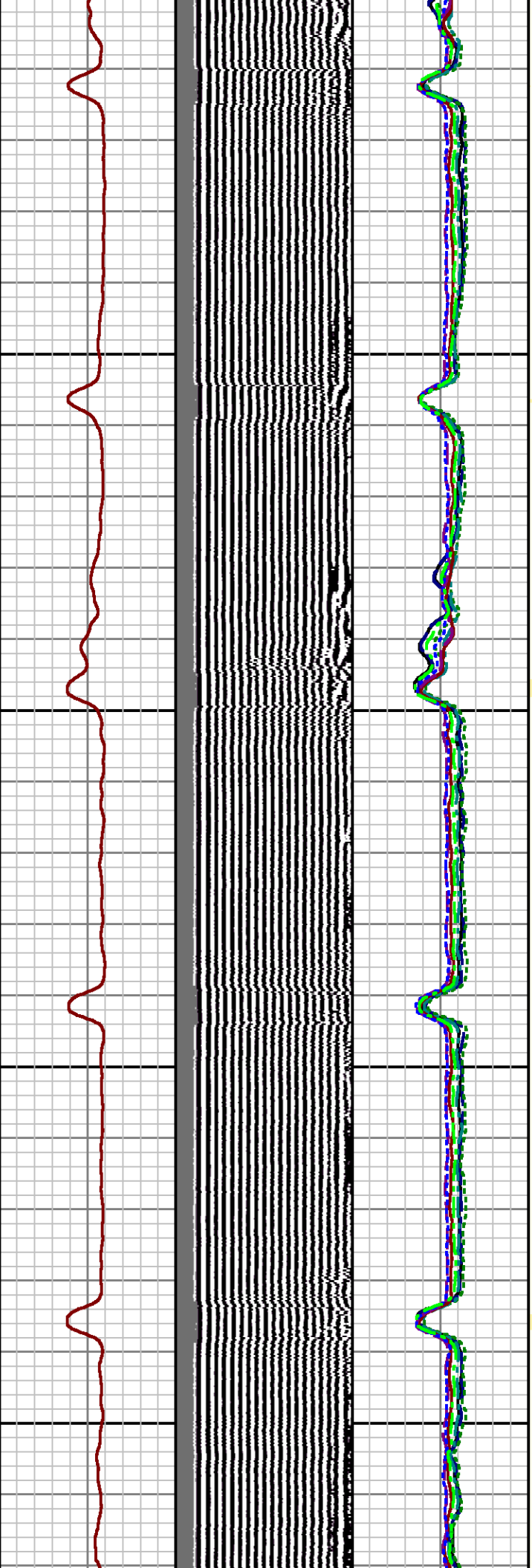


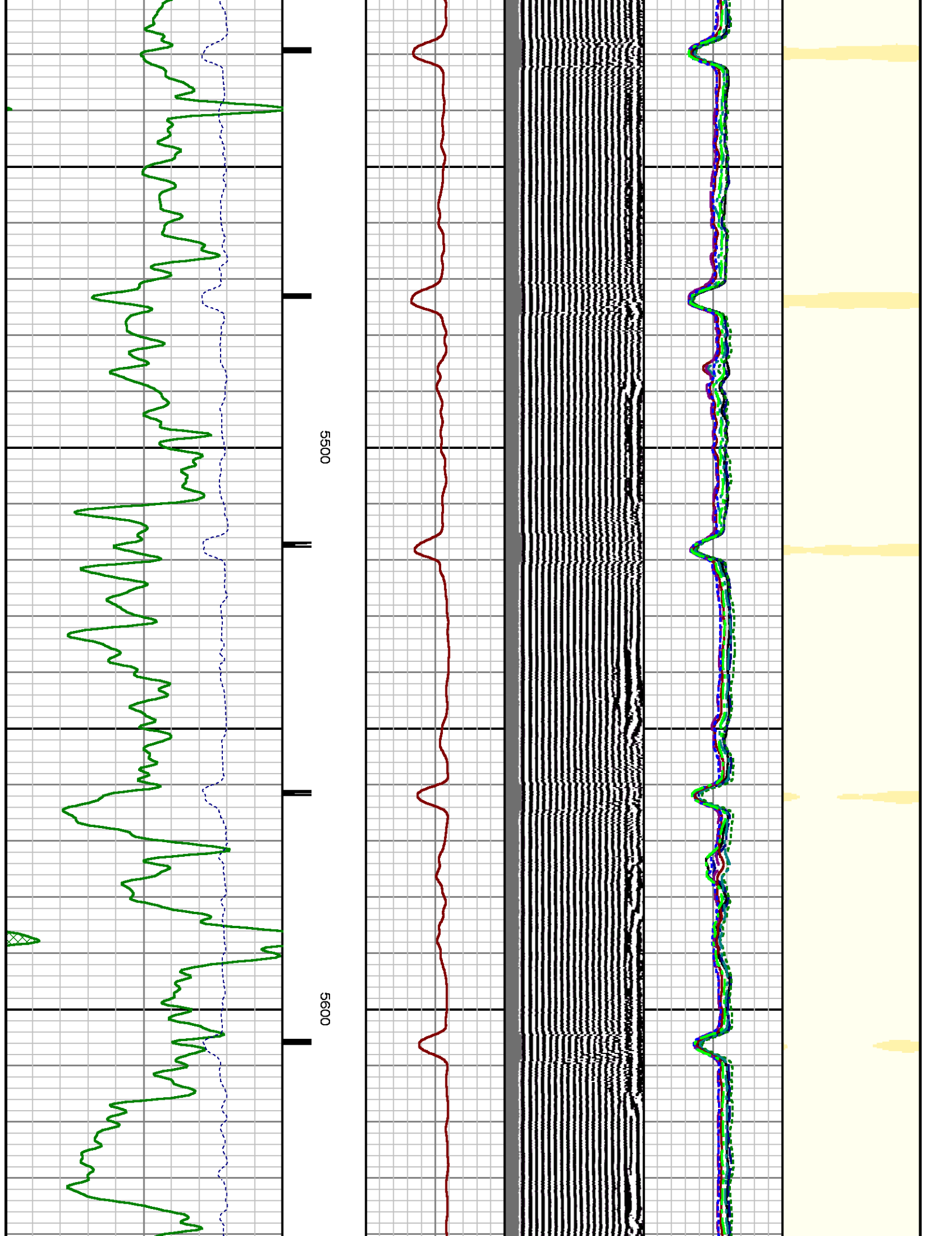


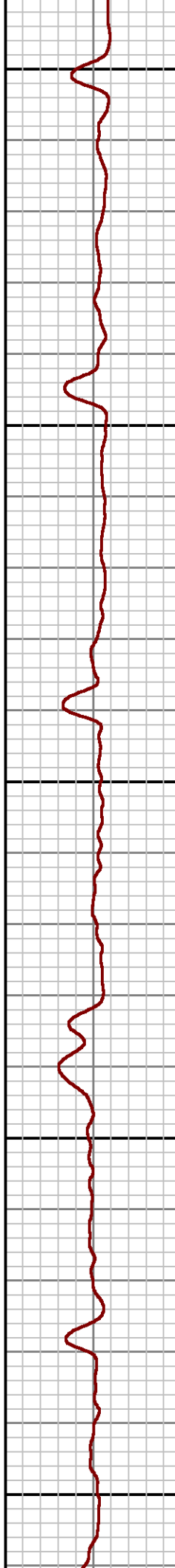
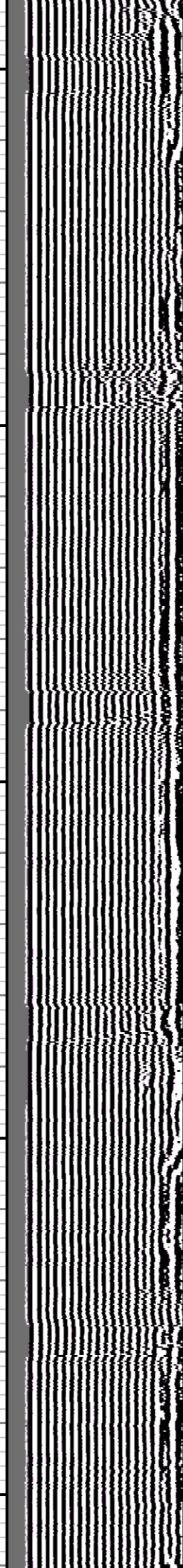
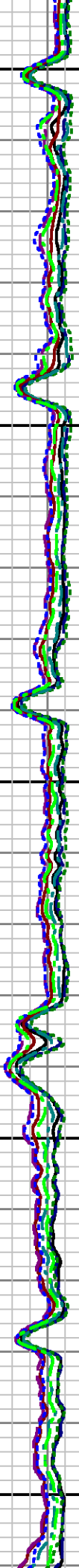
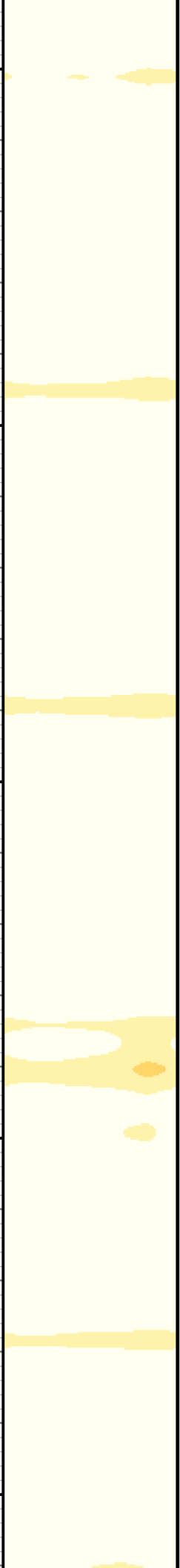
5000

5100

5200

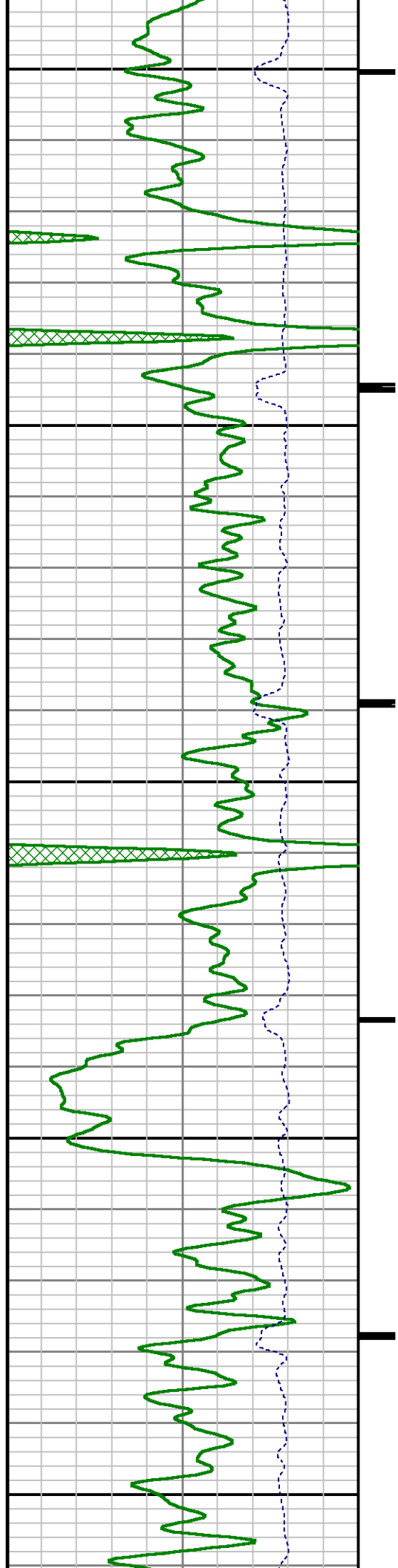


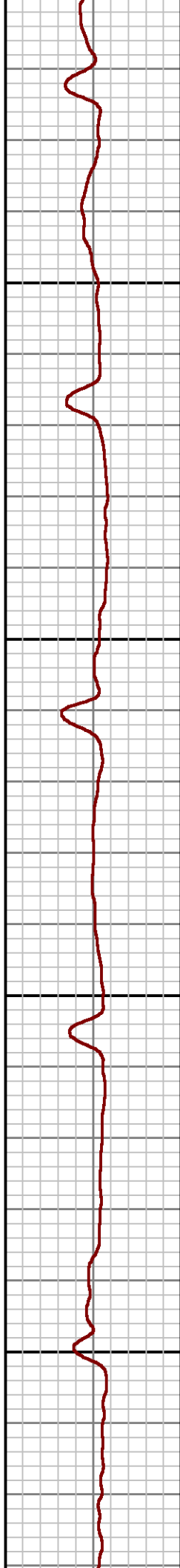
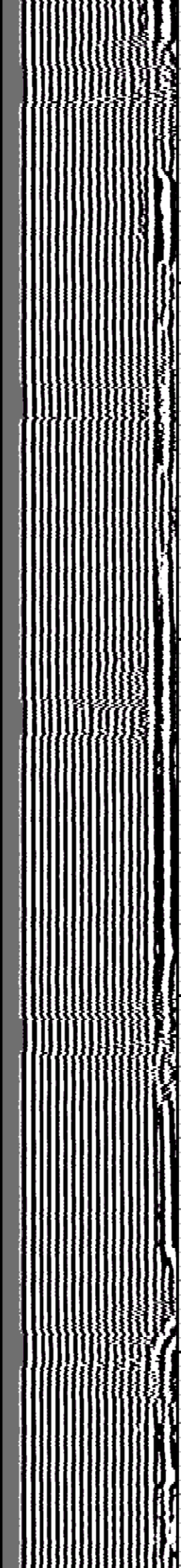
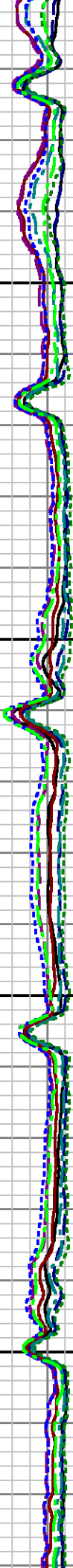
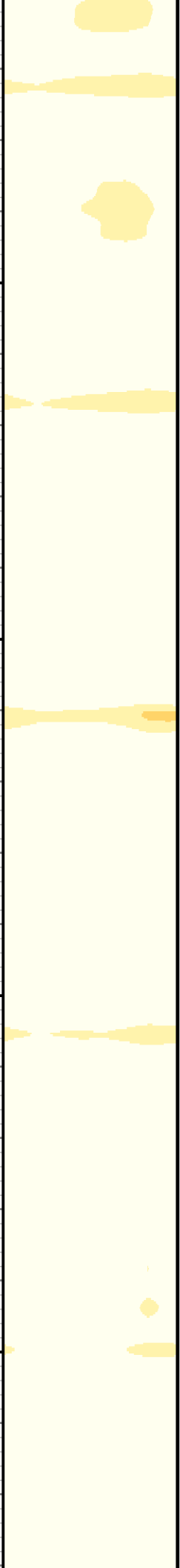




5700

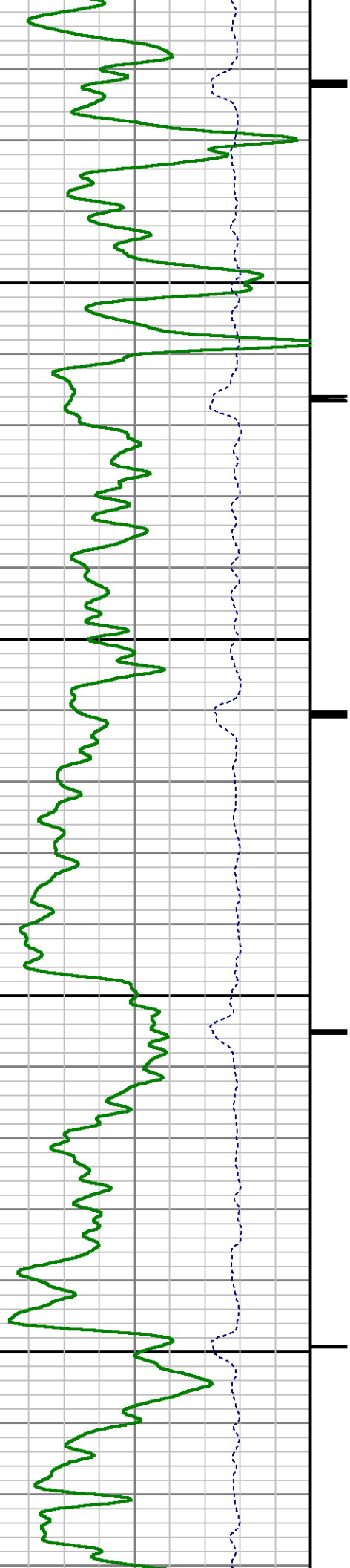
5800

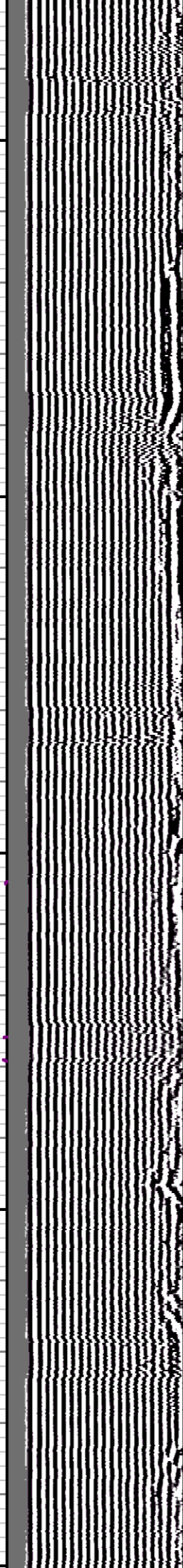
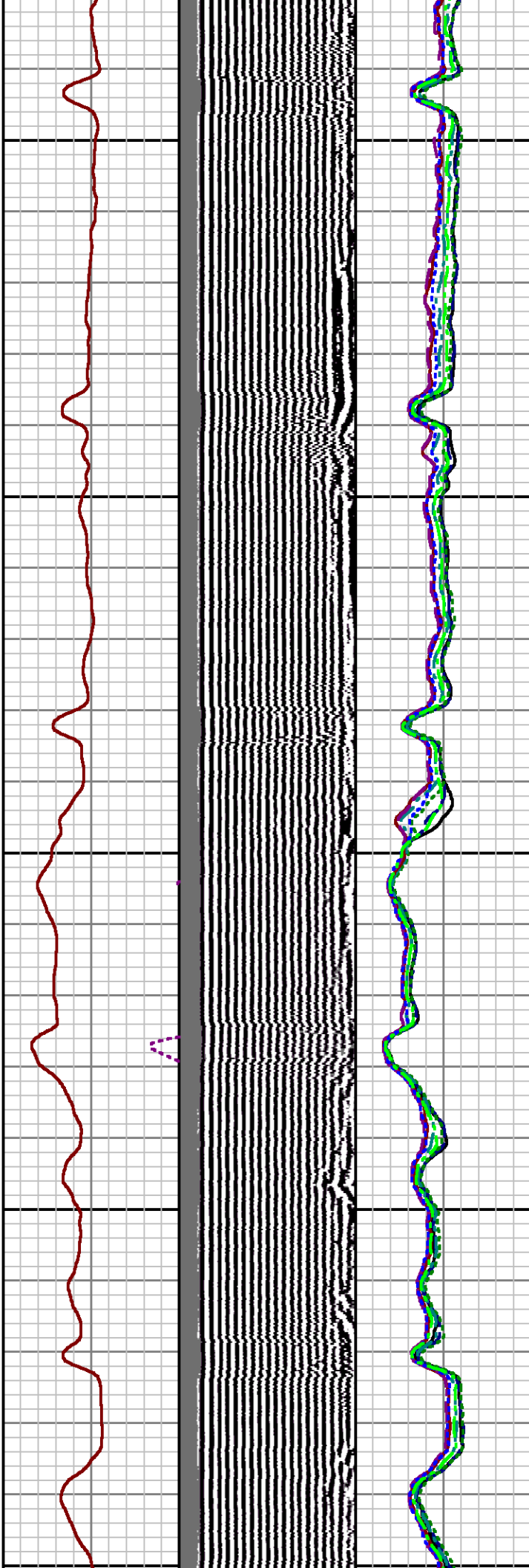
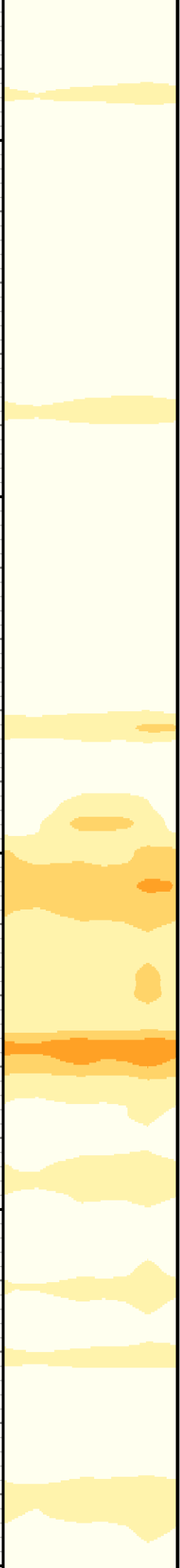




5900

6000

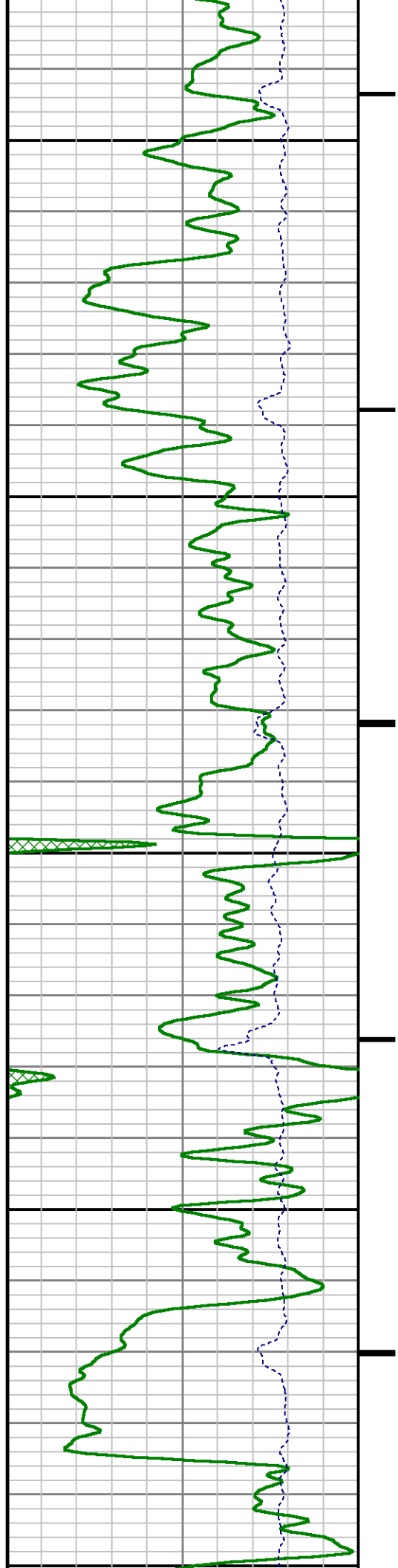


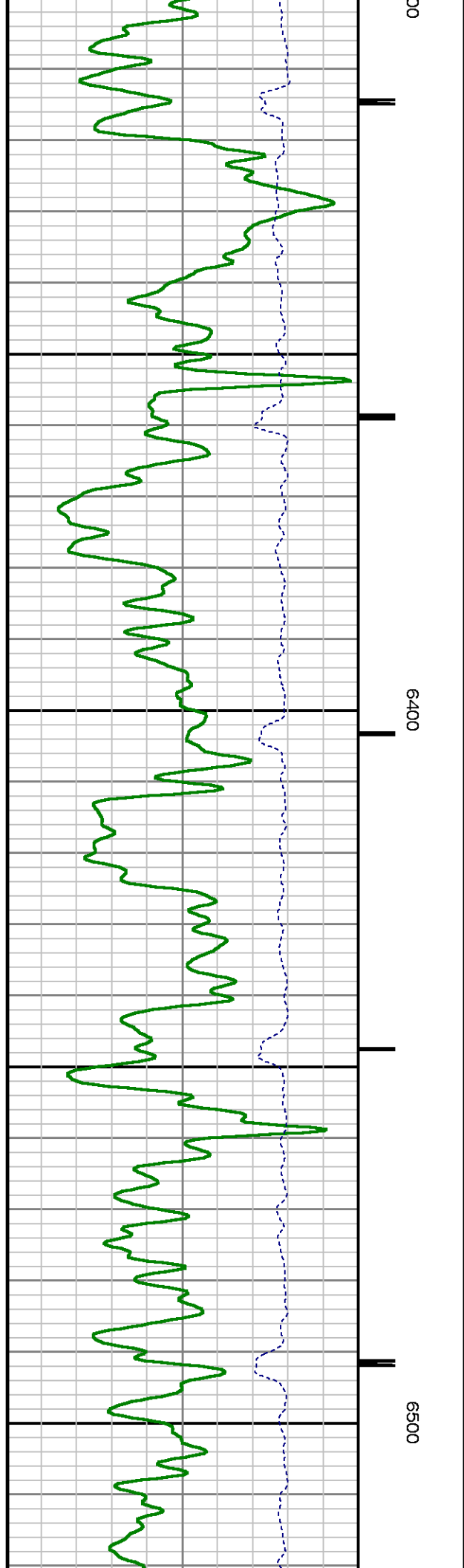
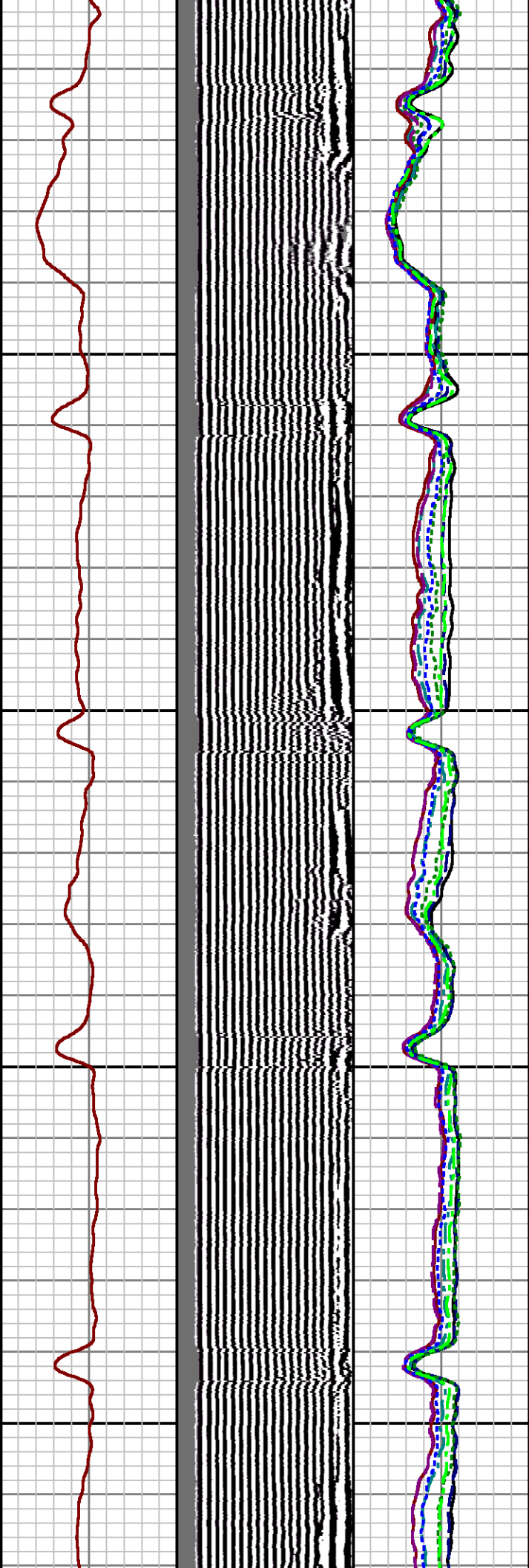
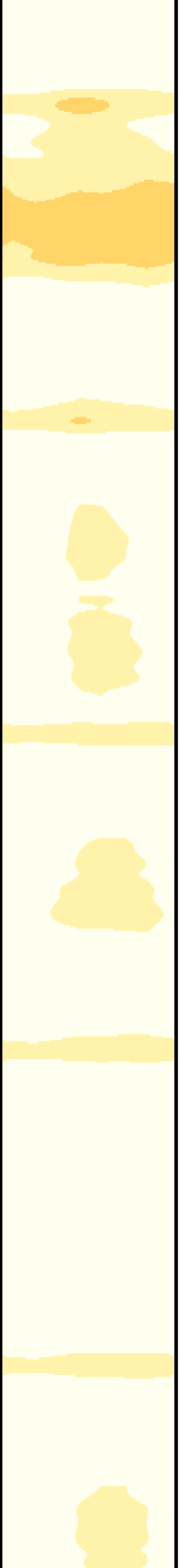


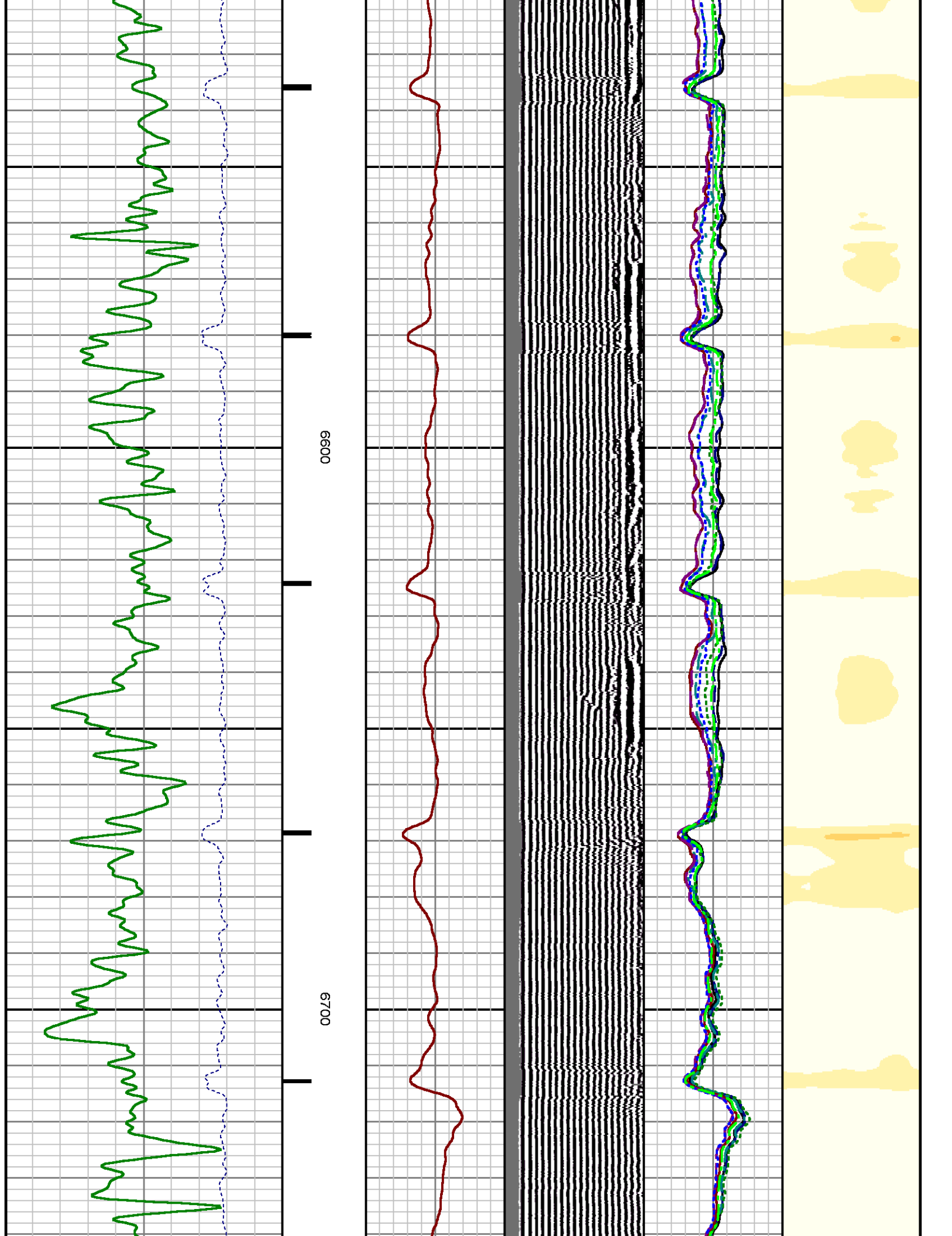
6100

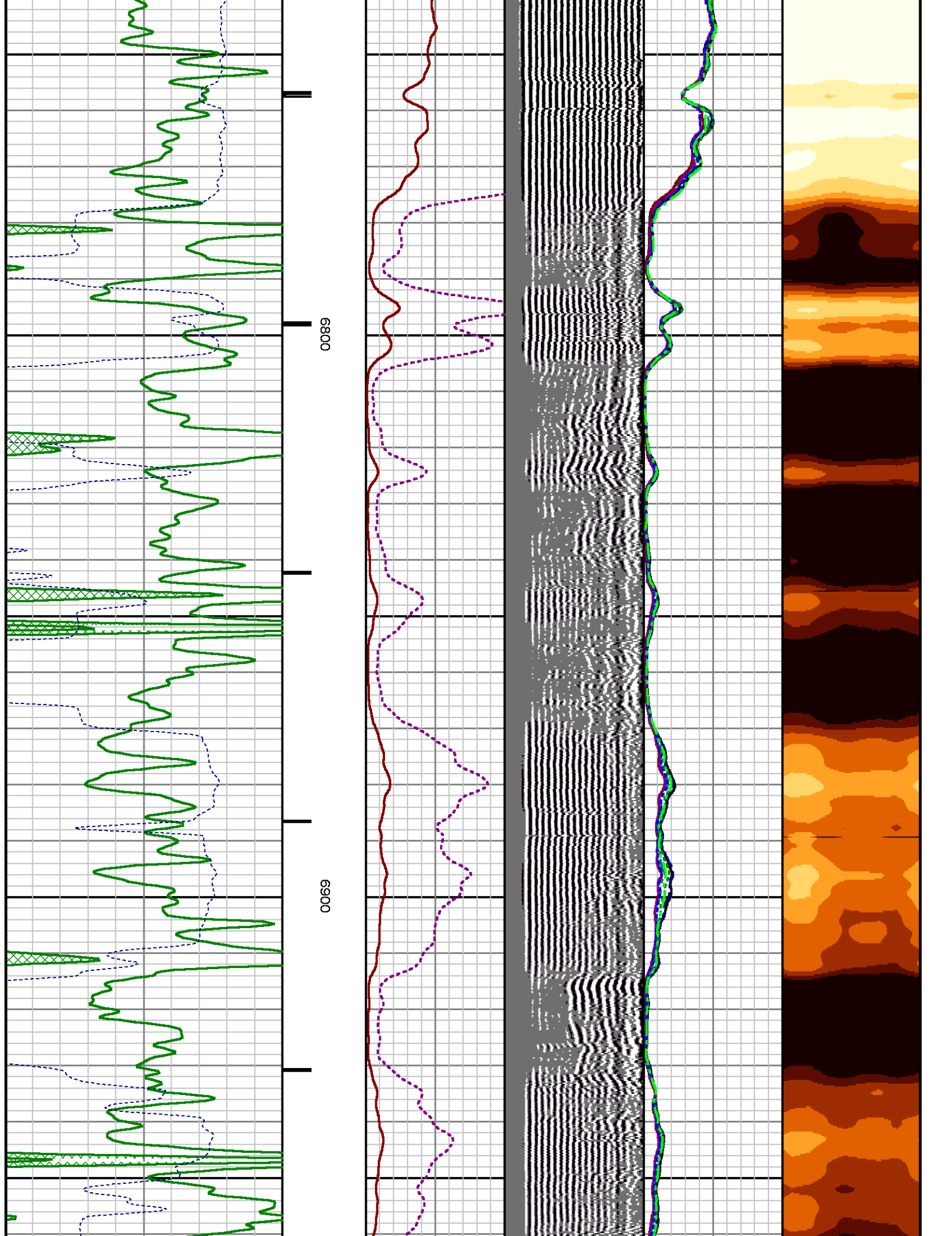
6200

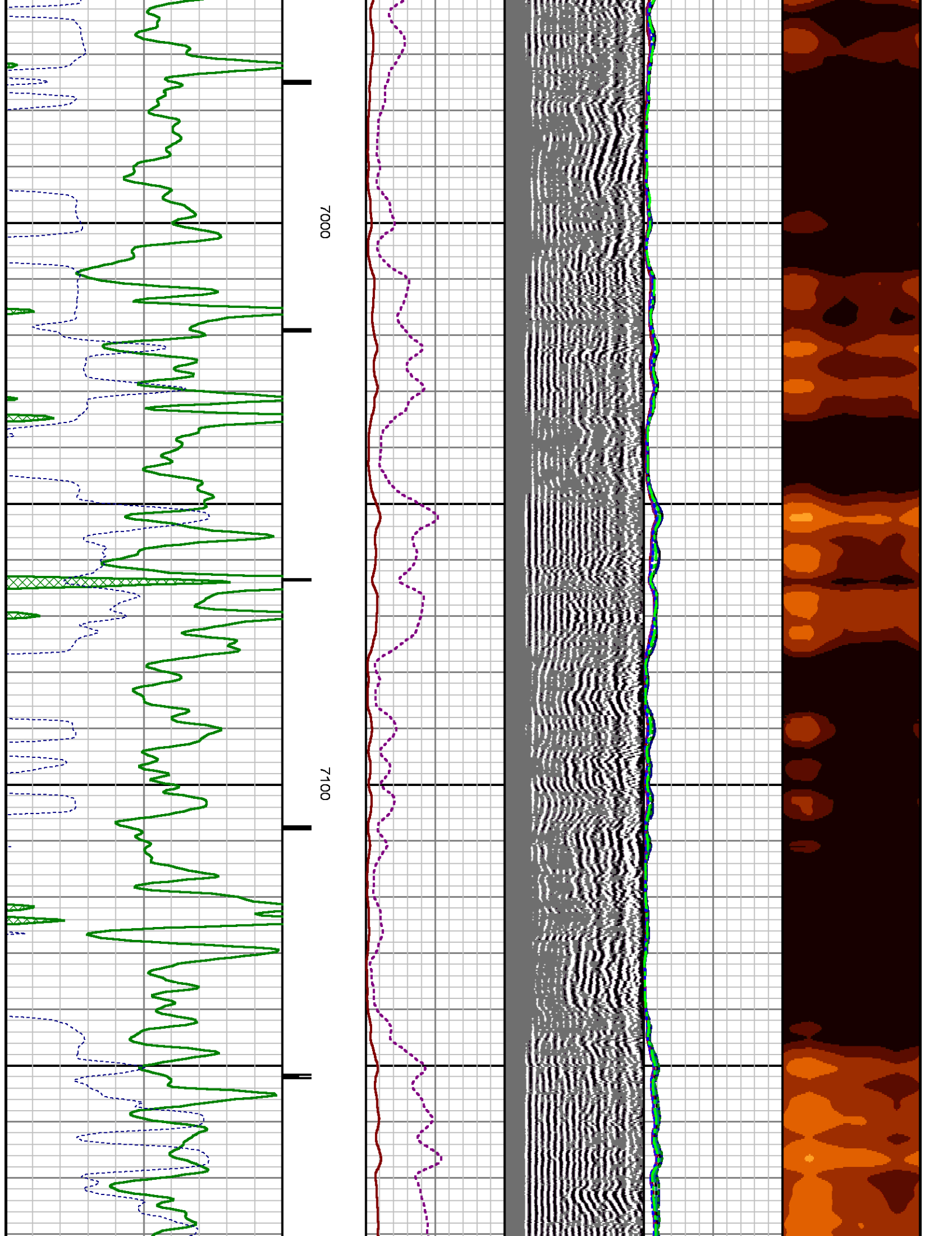
6300

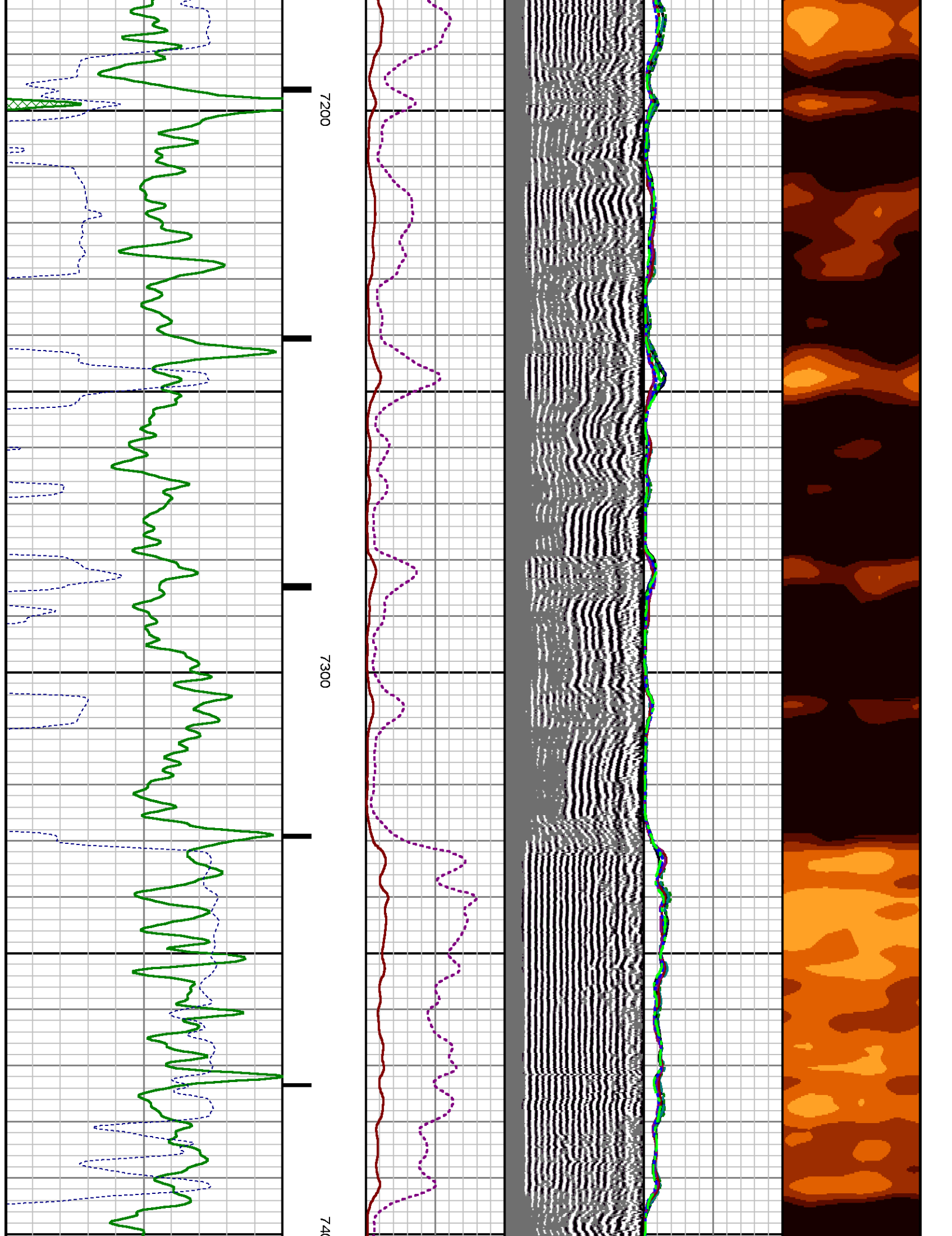


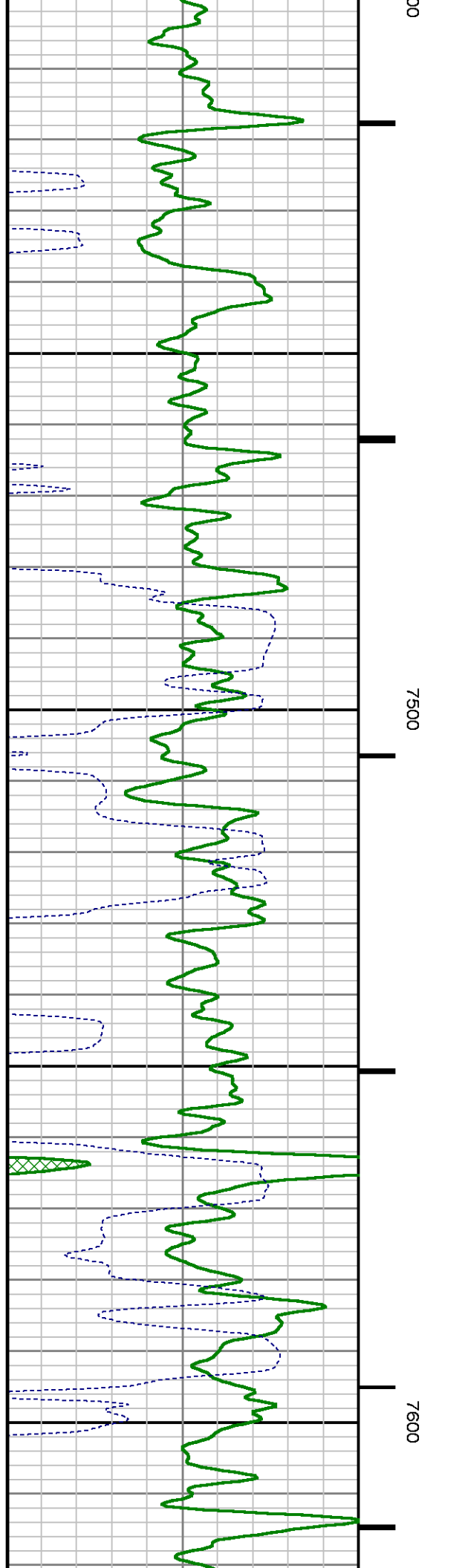
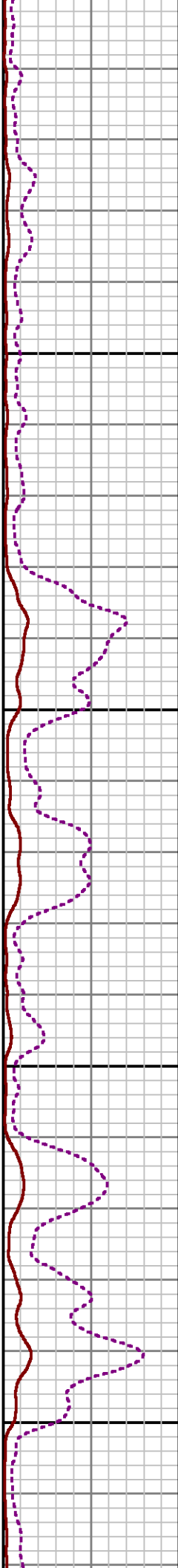
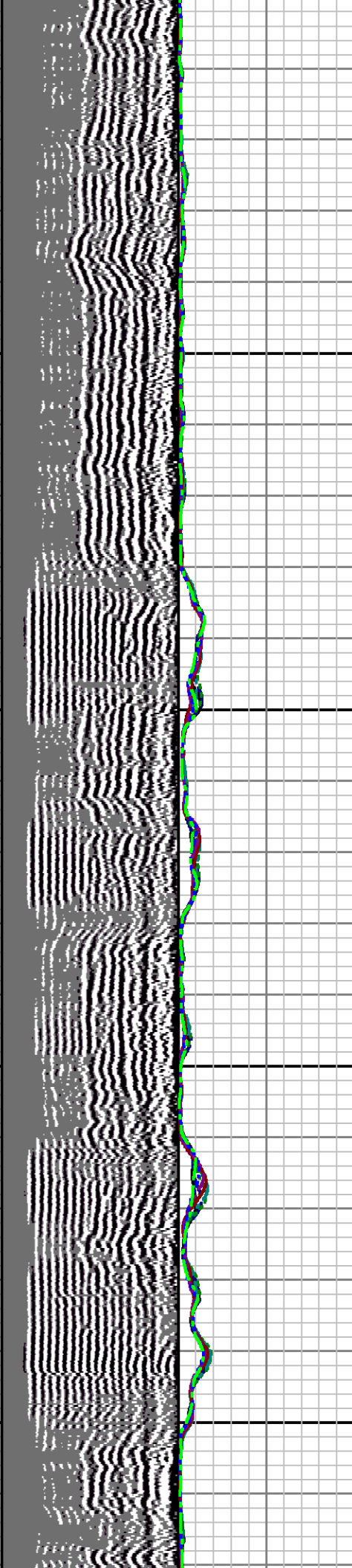
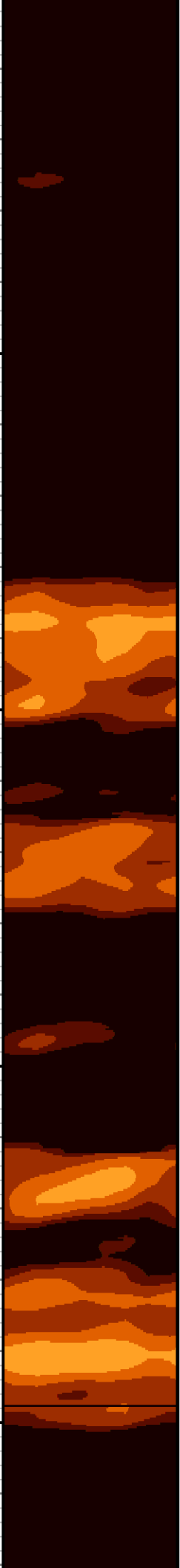


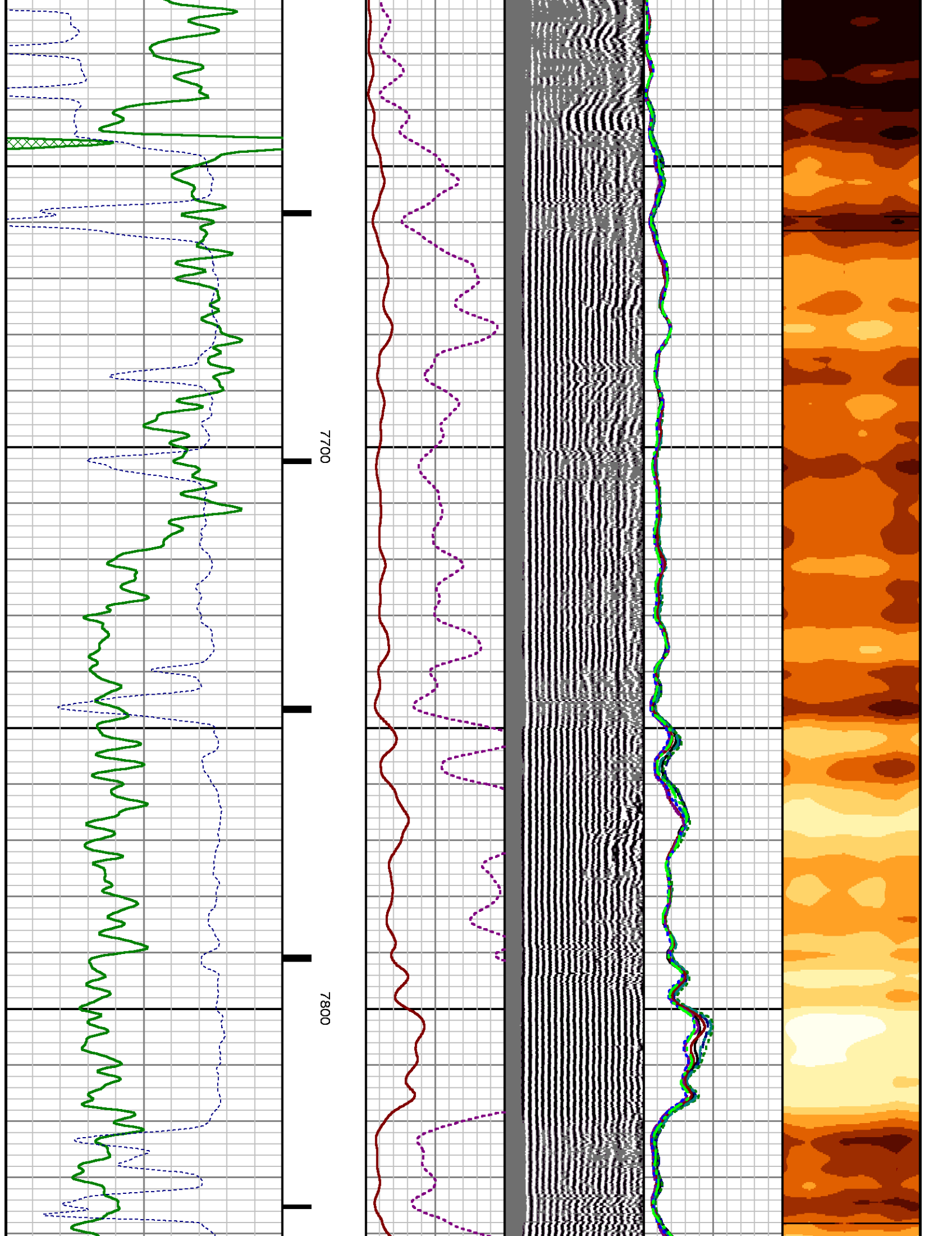


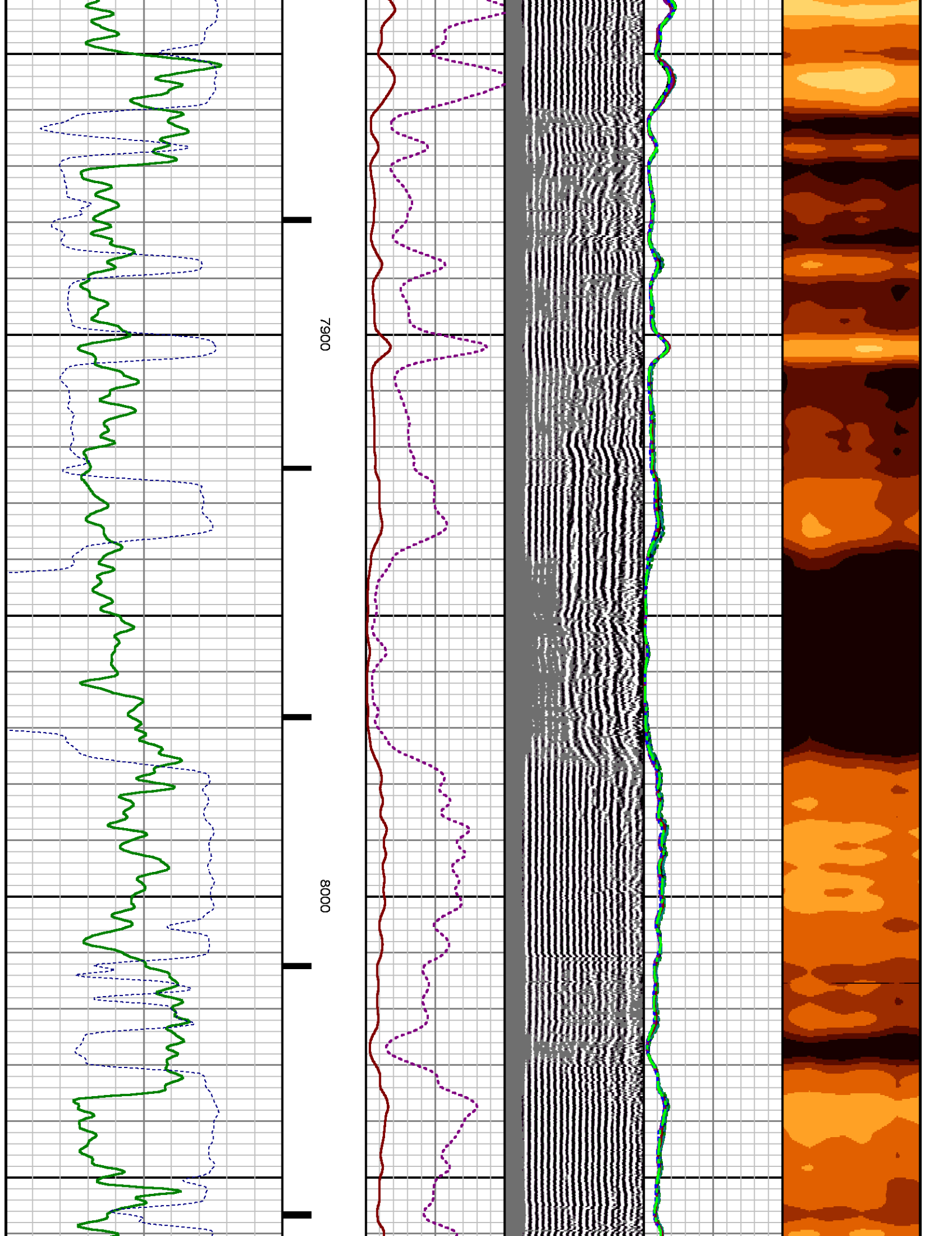


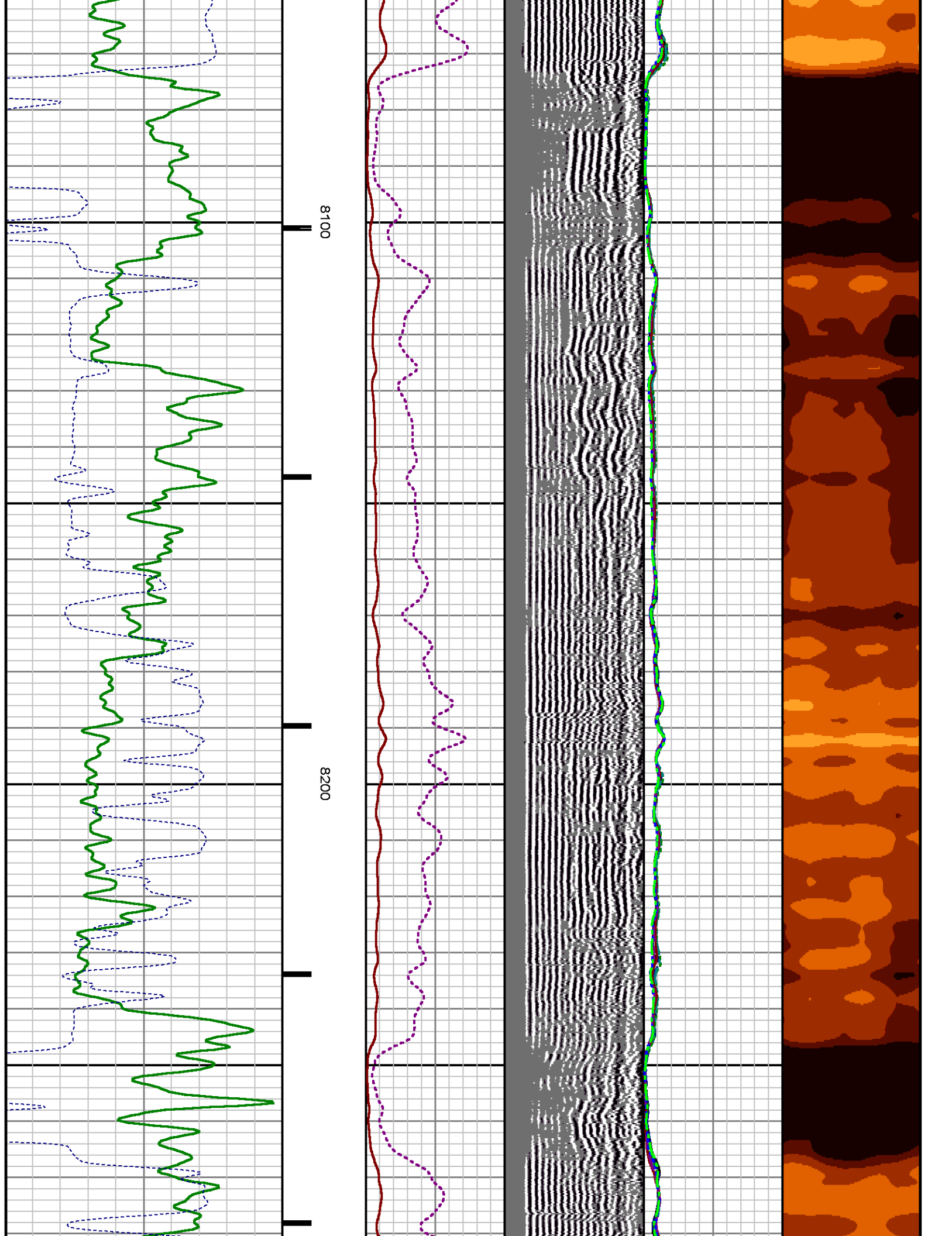


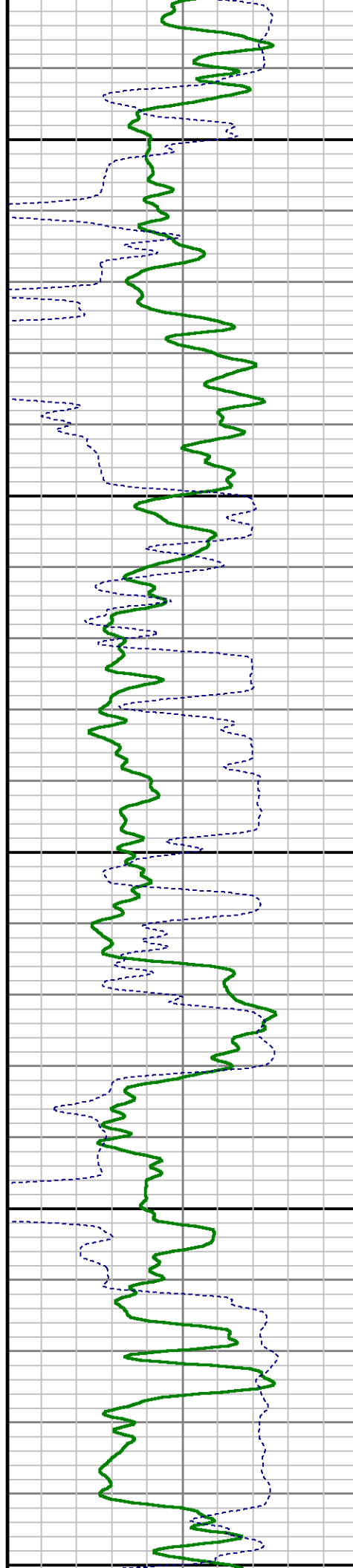
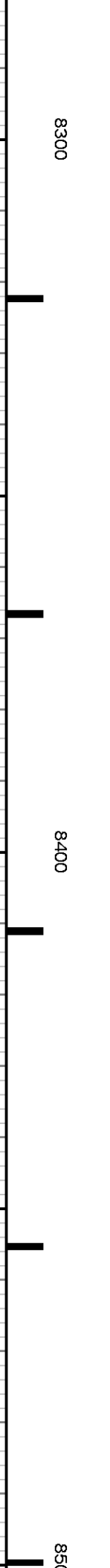
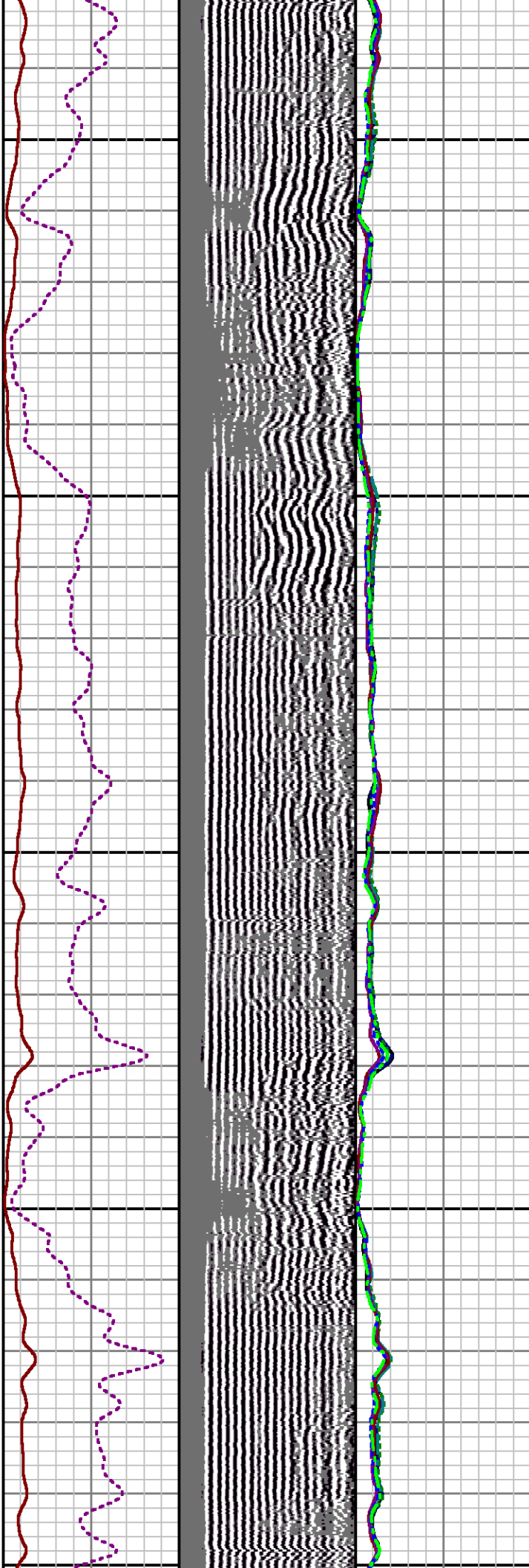
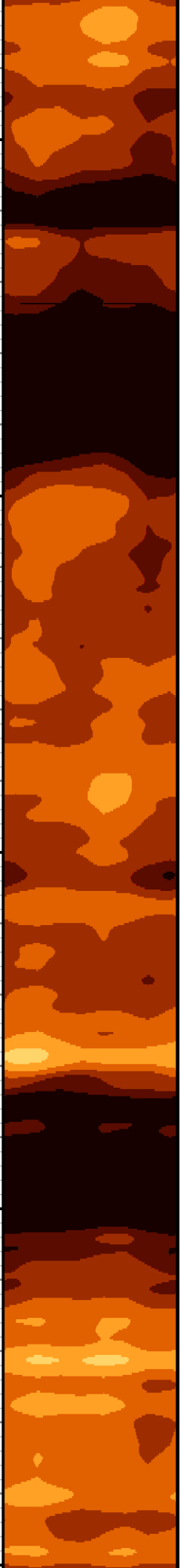


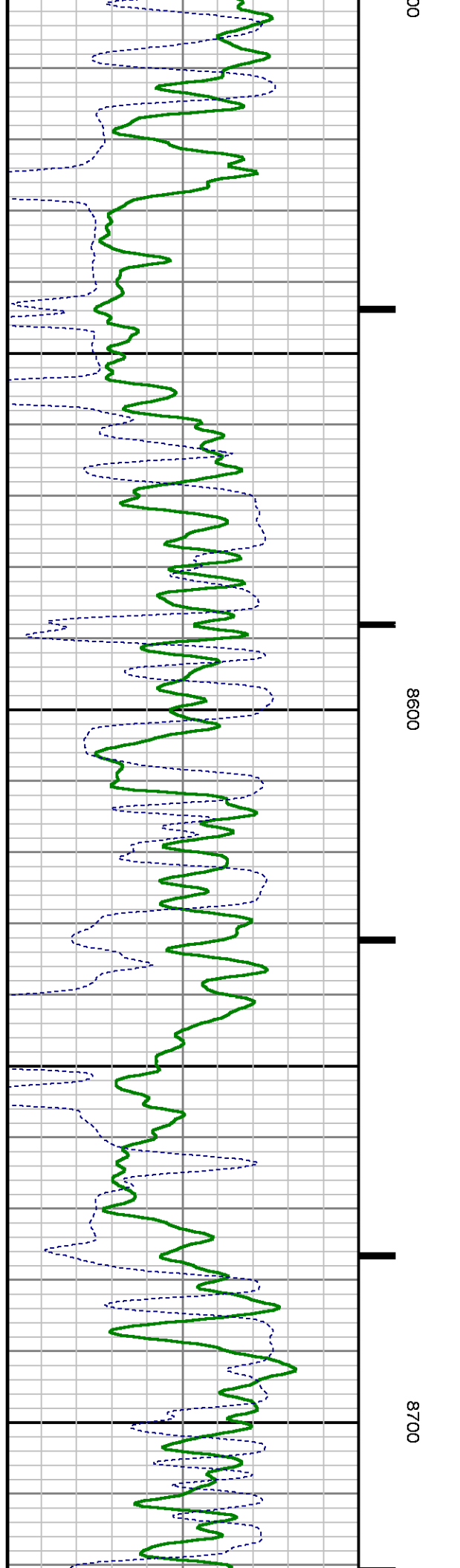
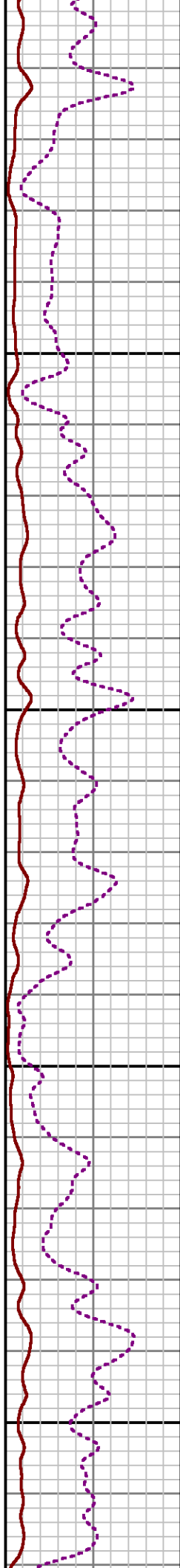
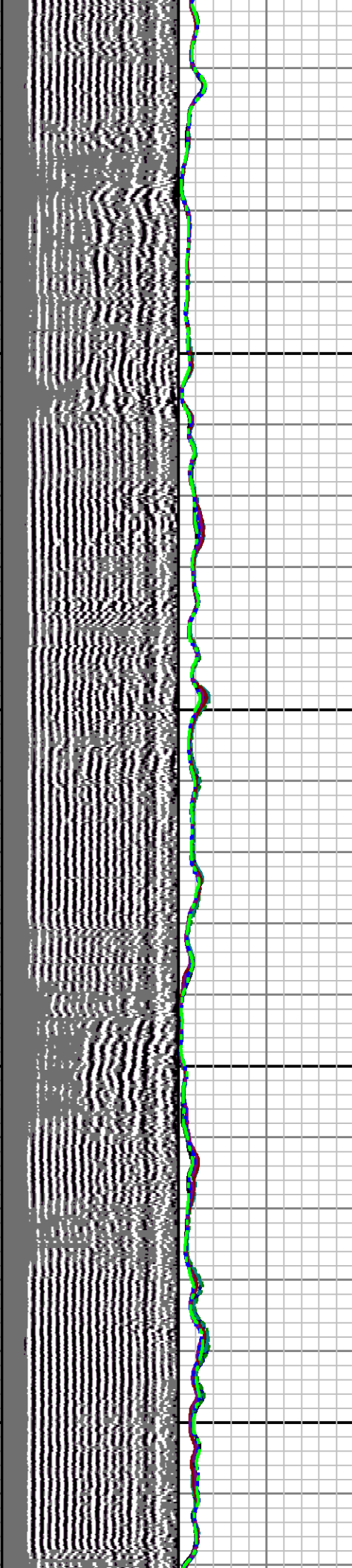


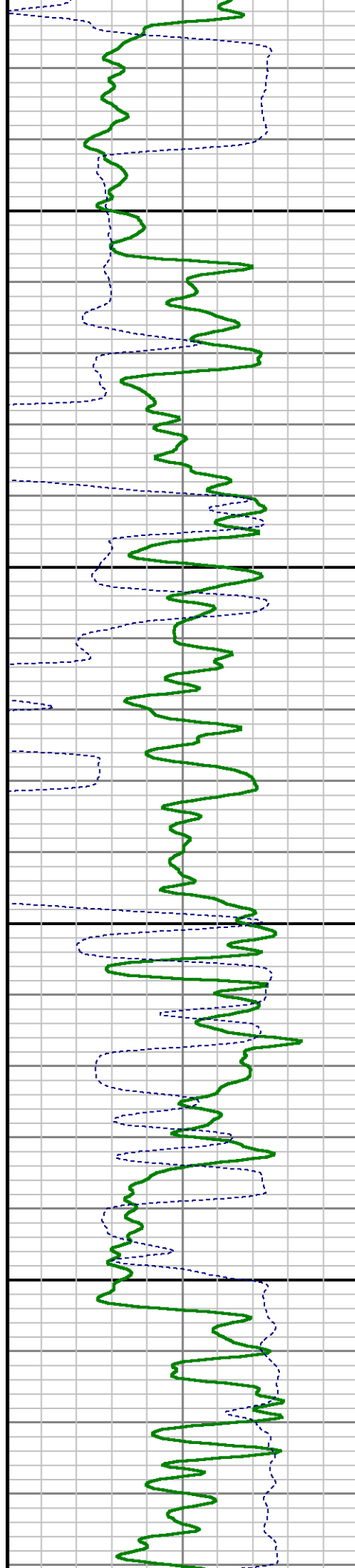
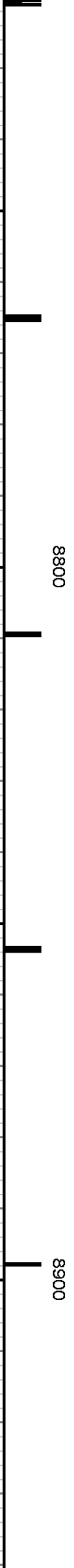
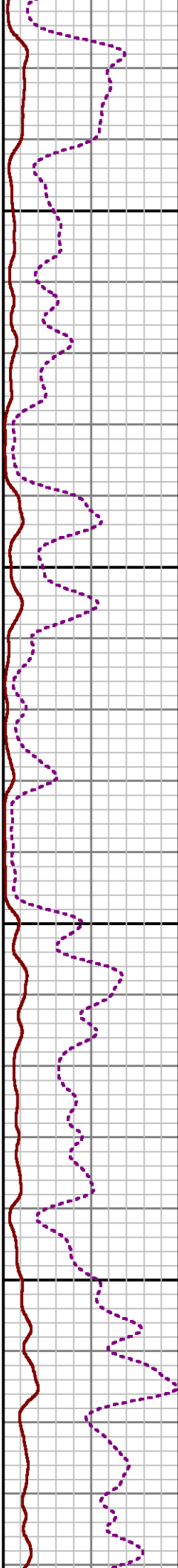
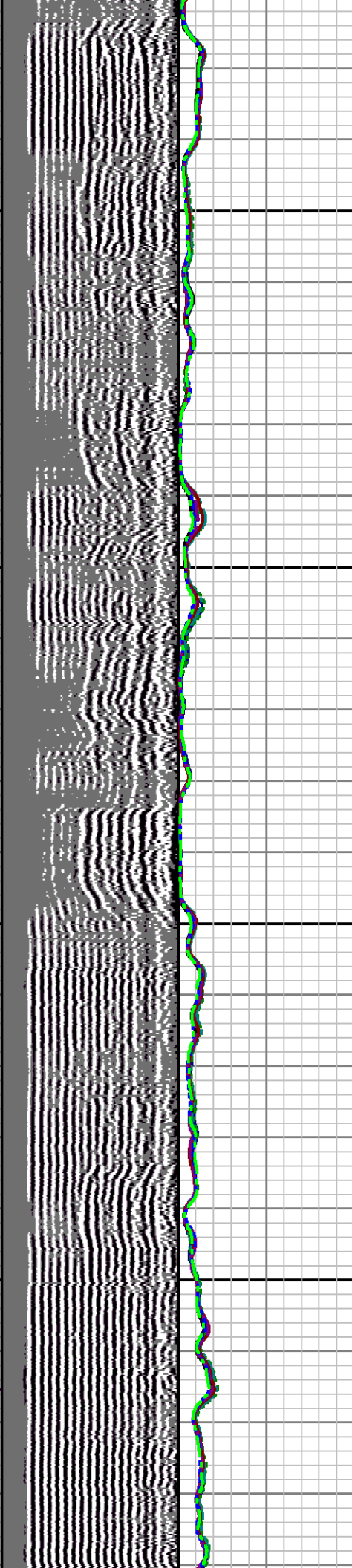
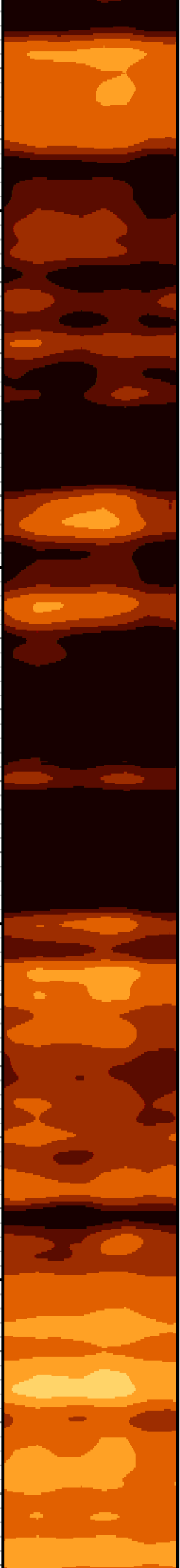


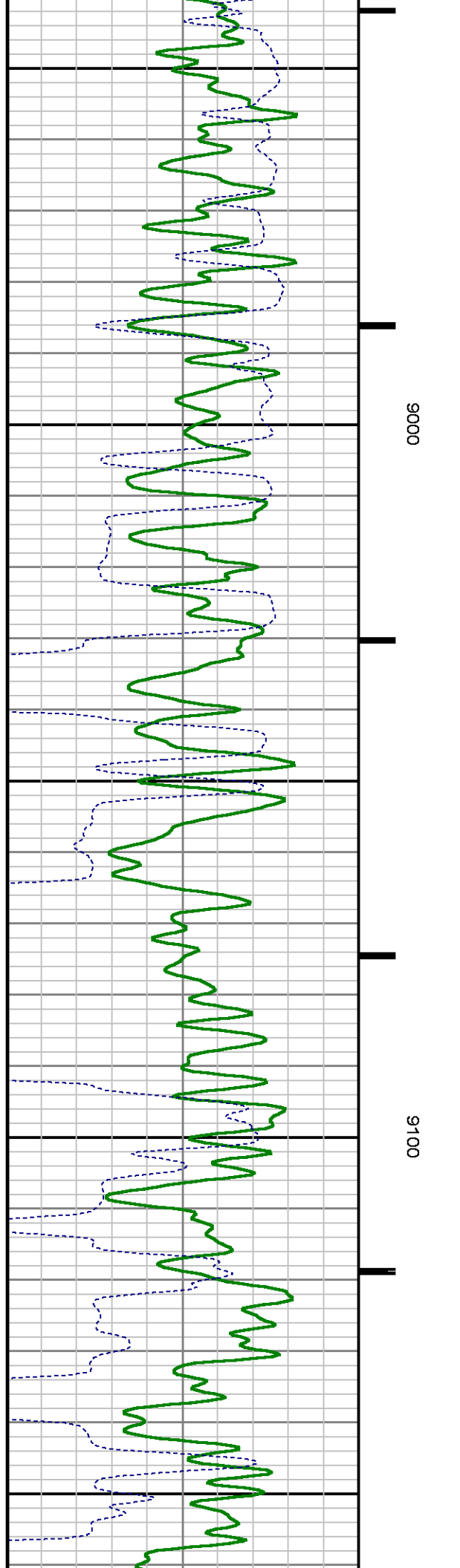
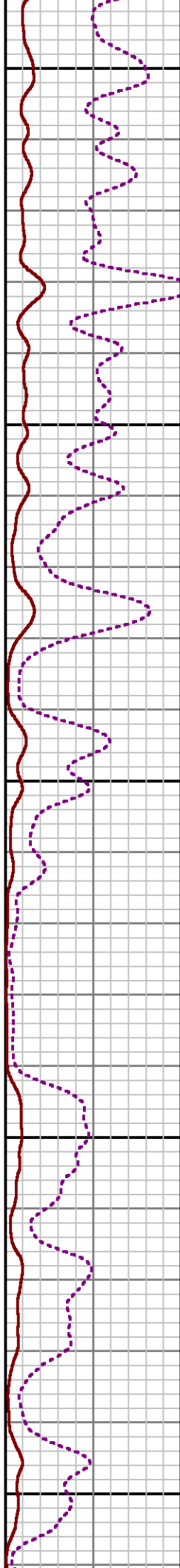
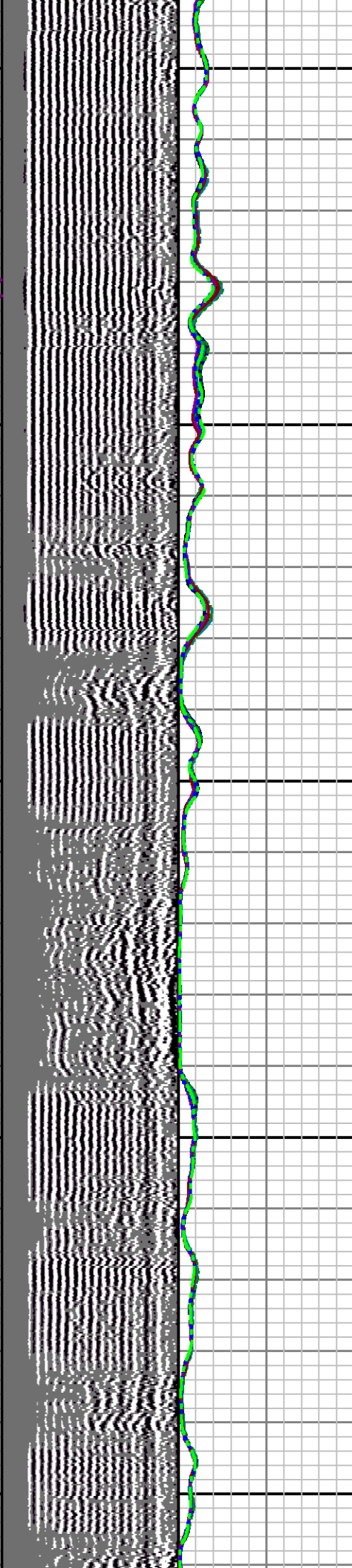
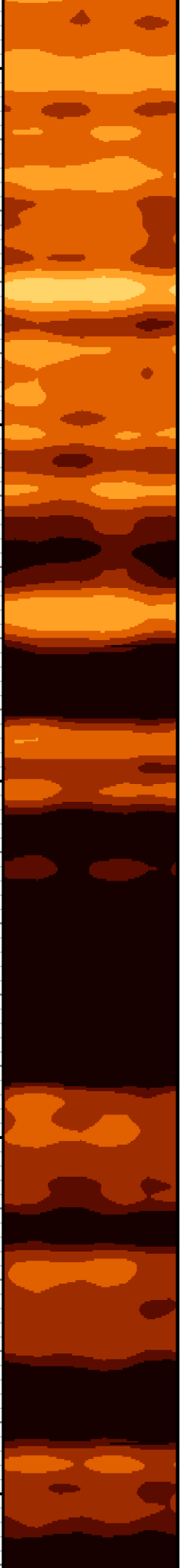


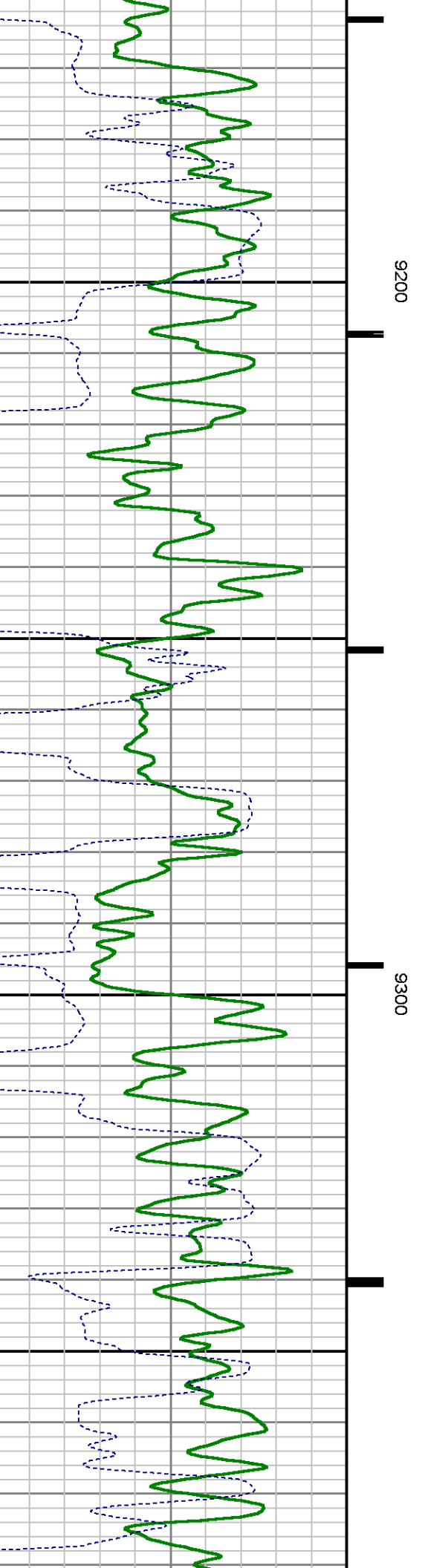
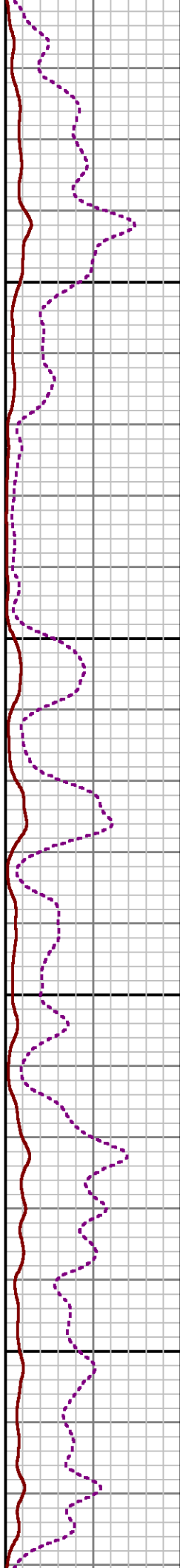
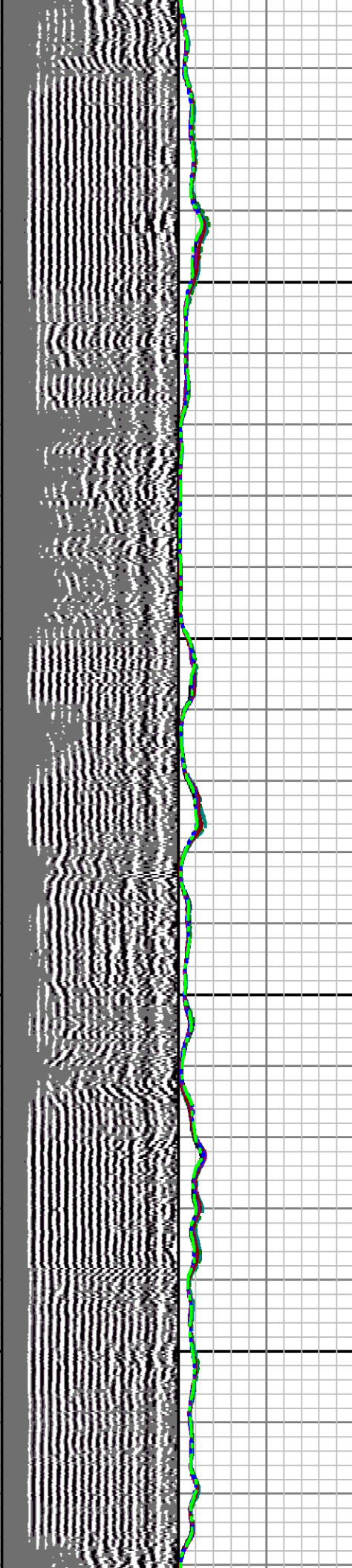


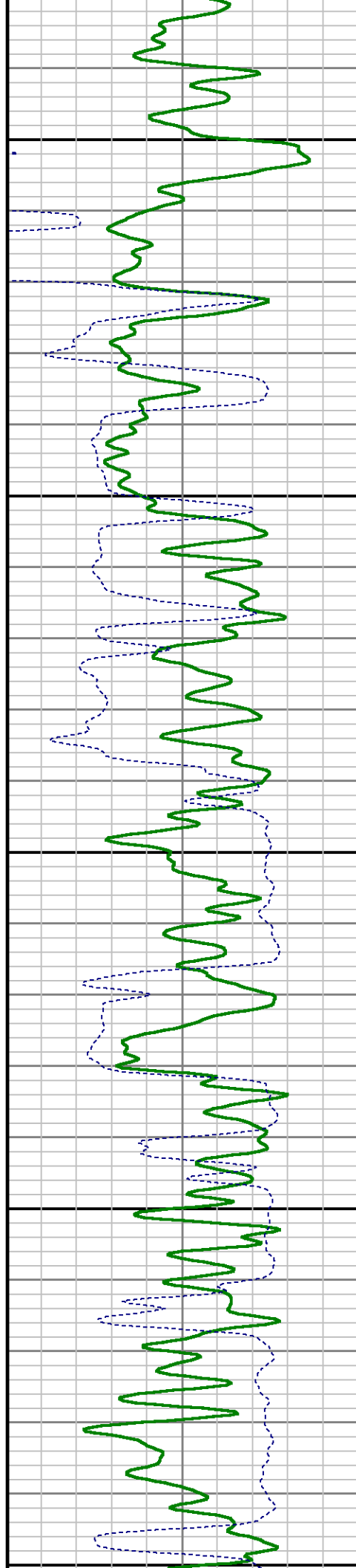
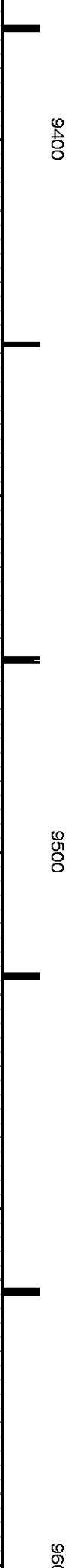
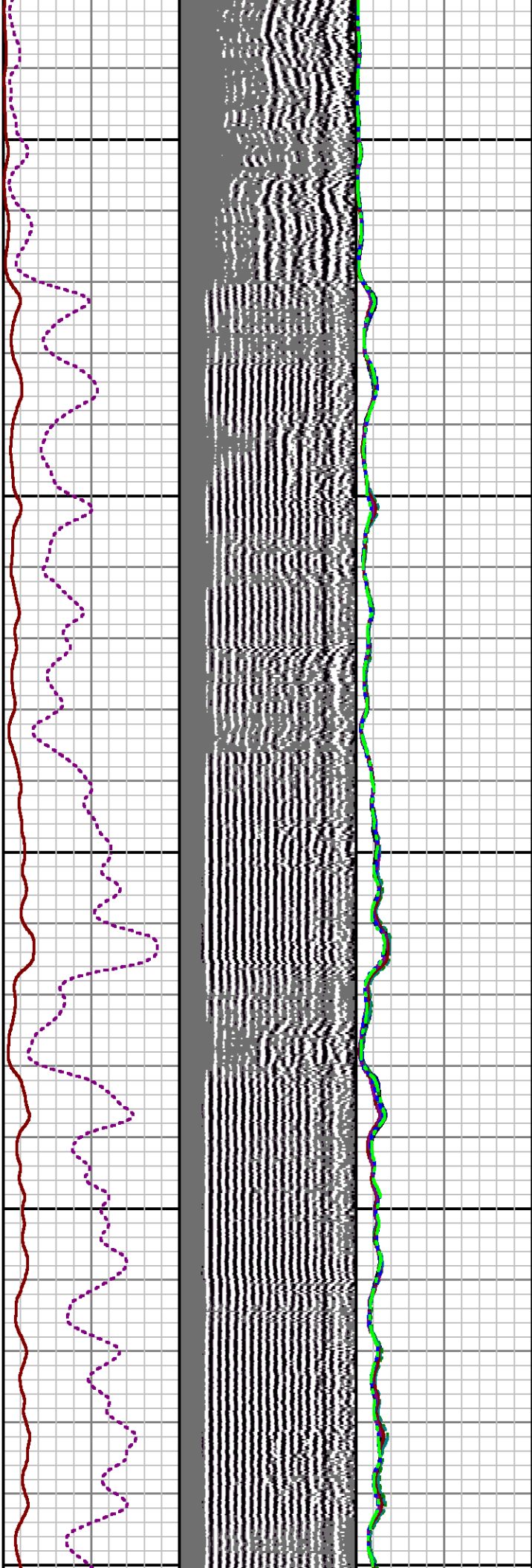


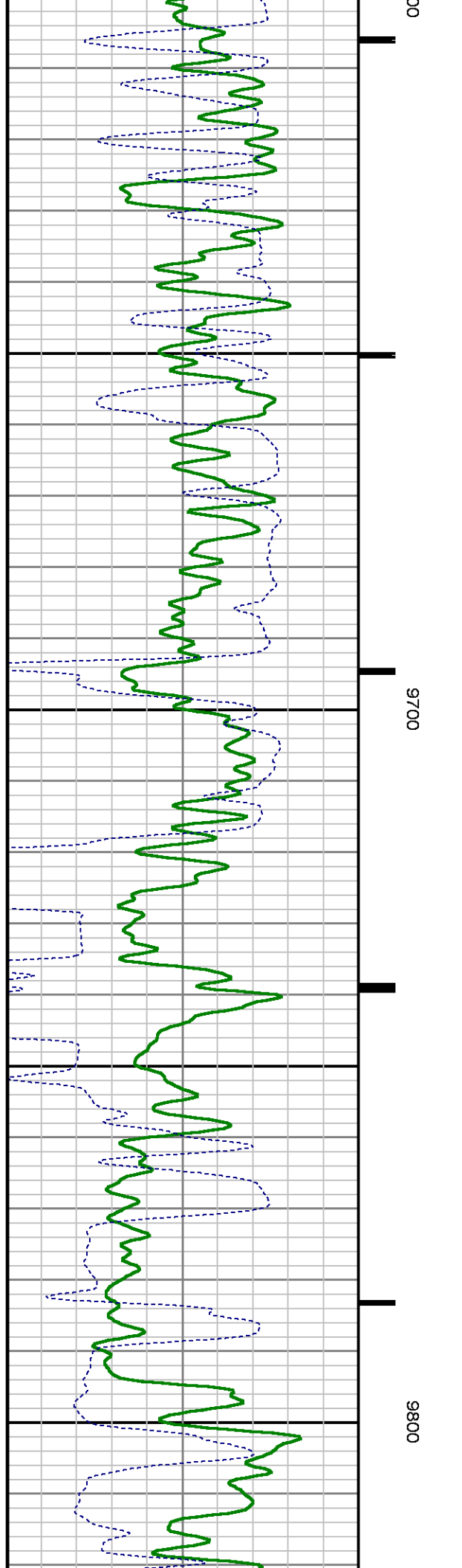
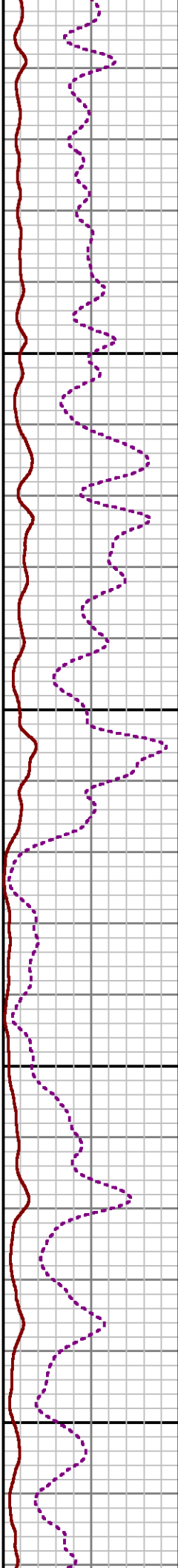
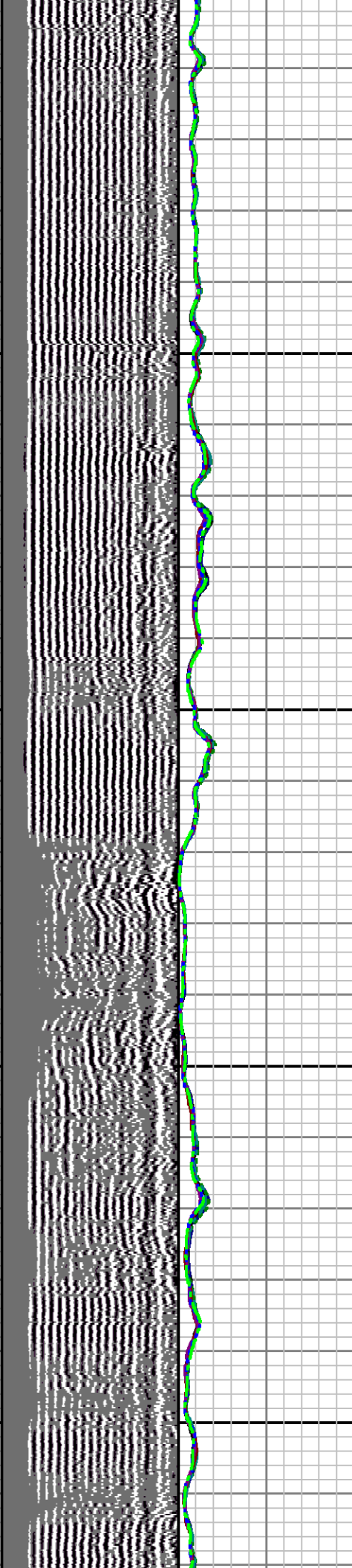
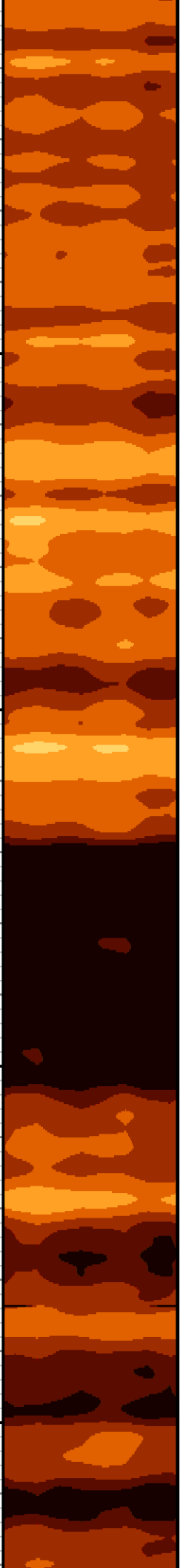


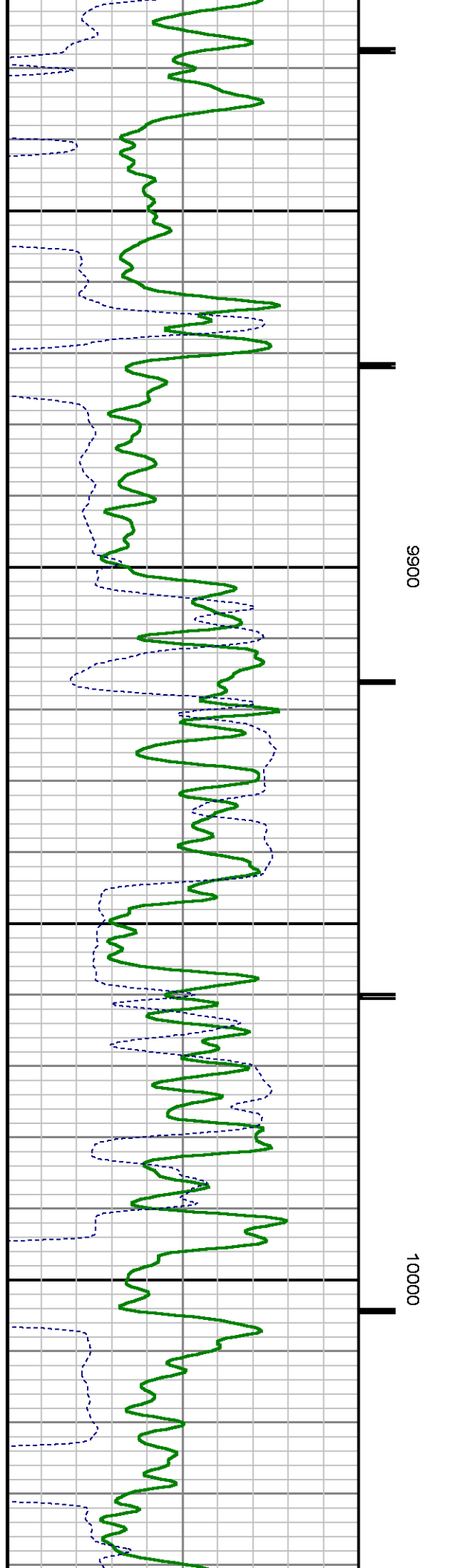
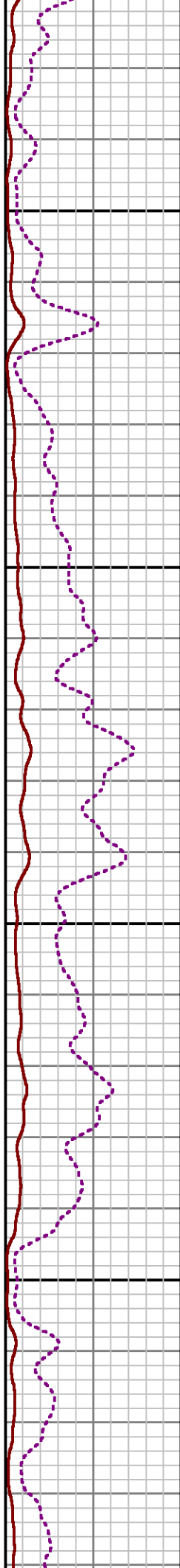
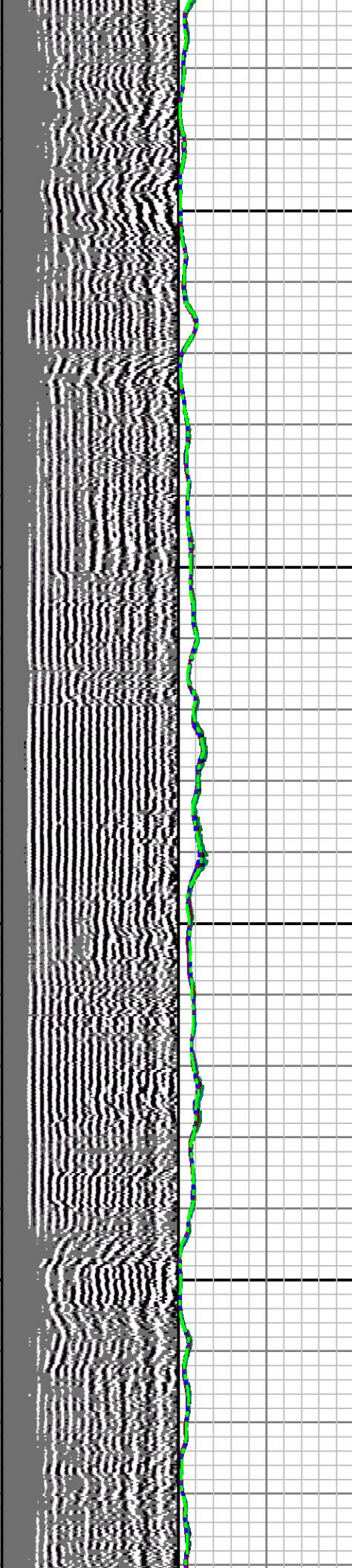
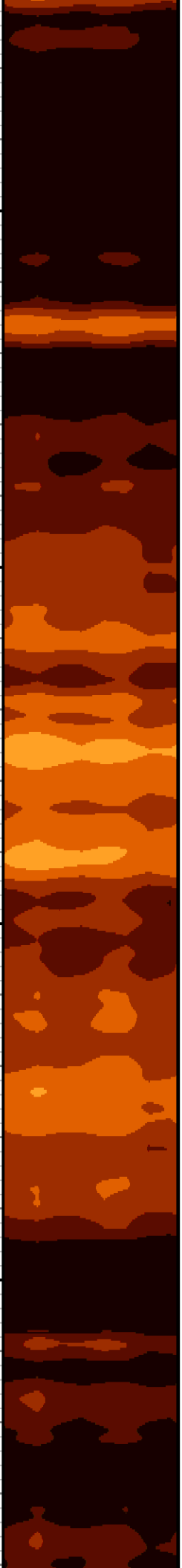


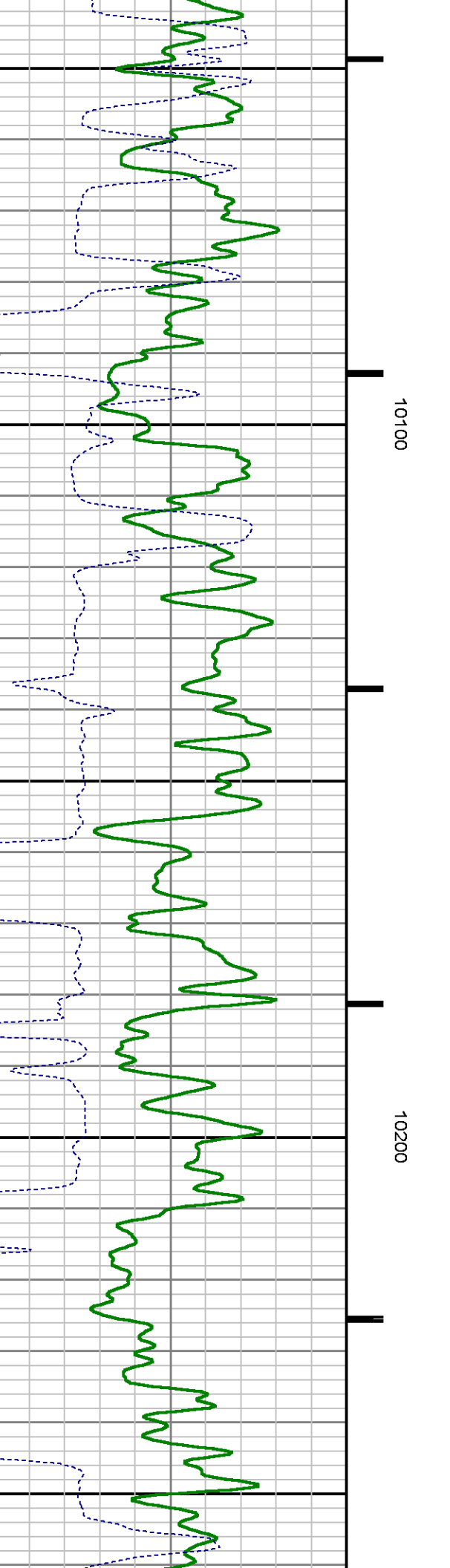
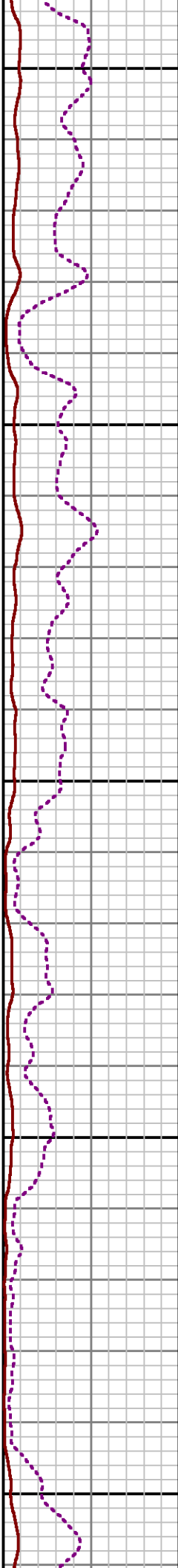
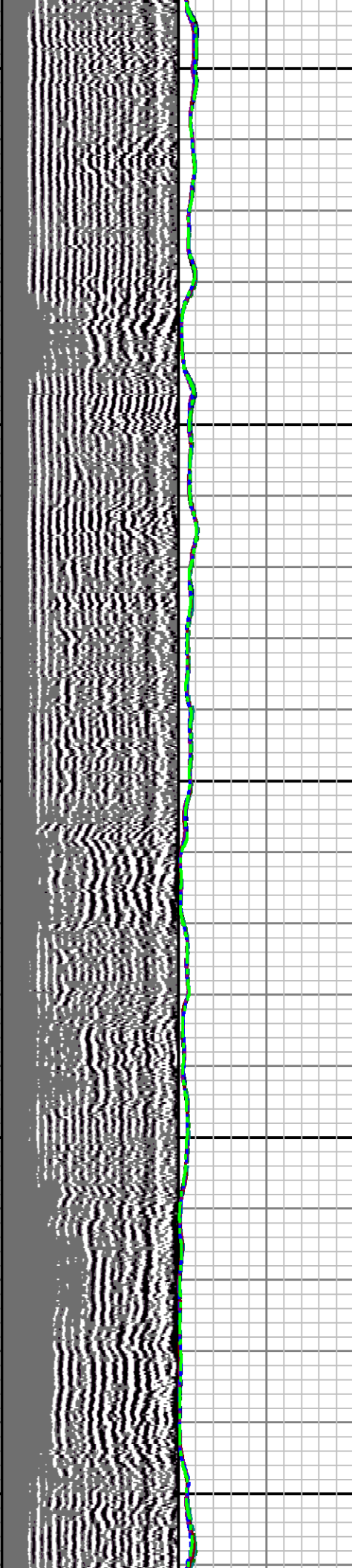


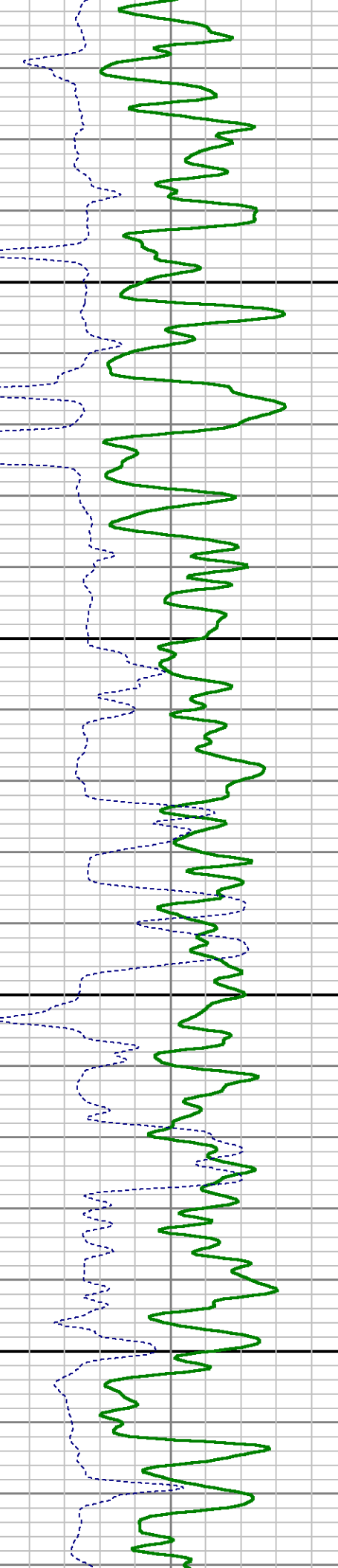
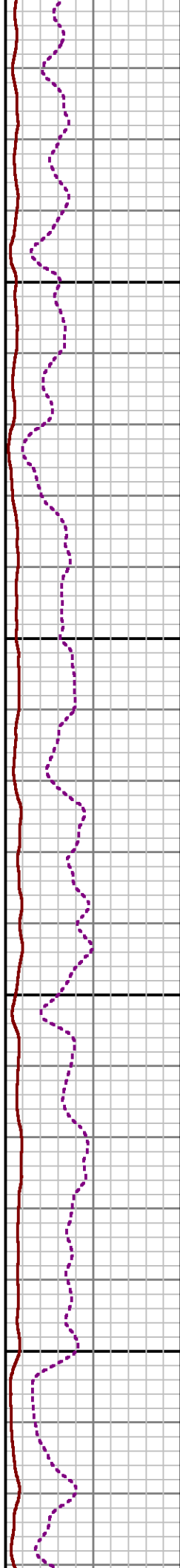
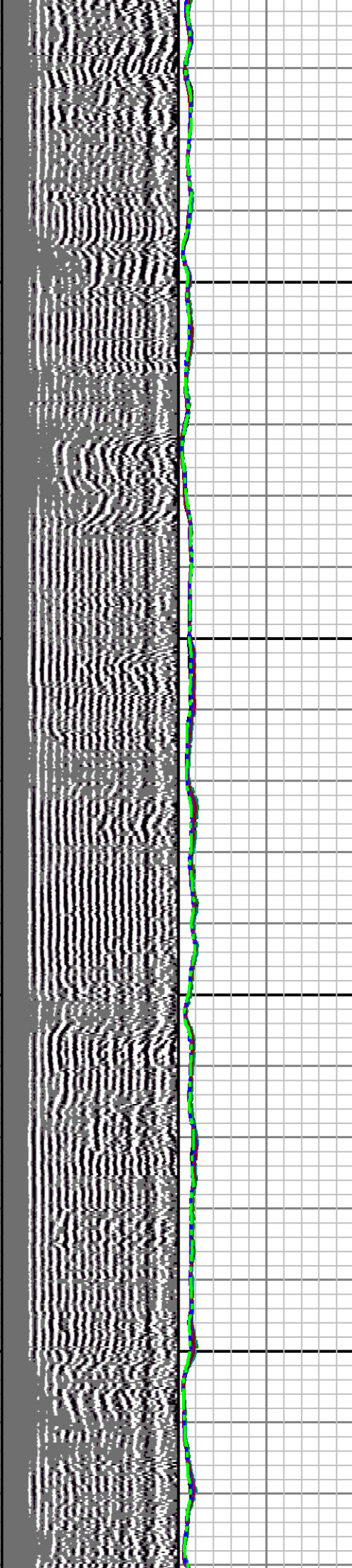


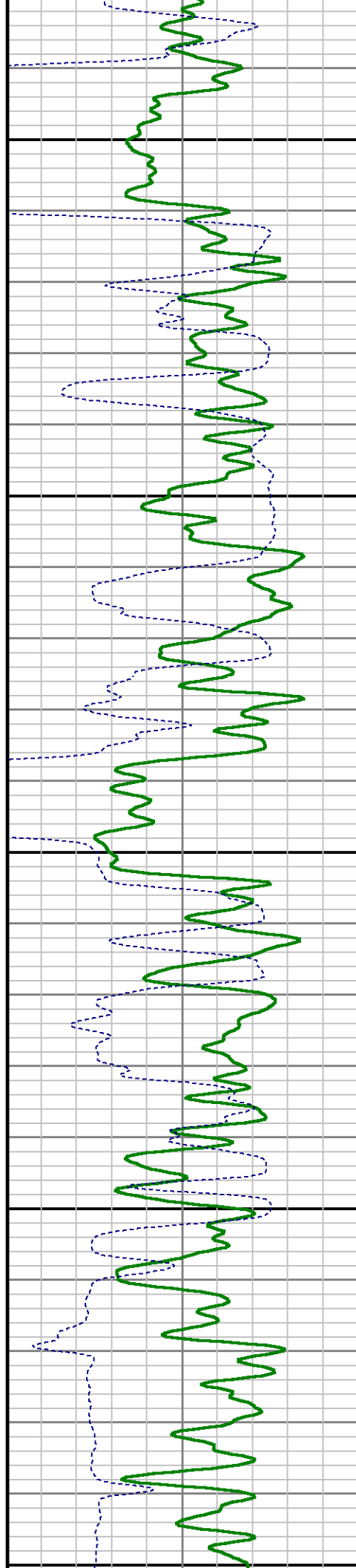
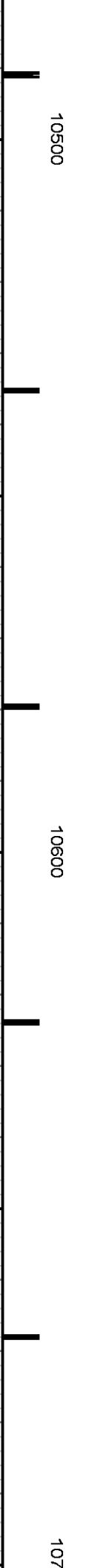
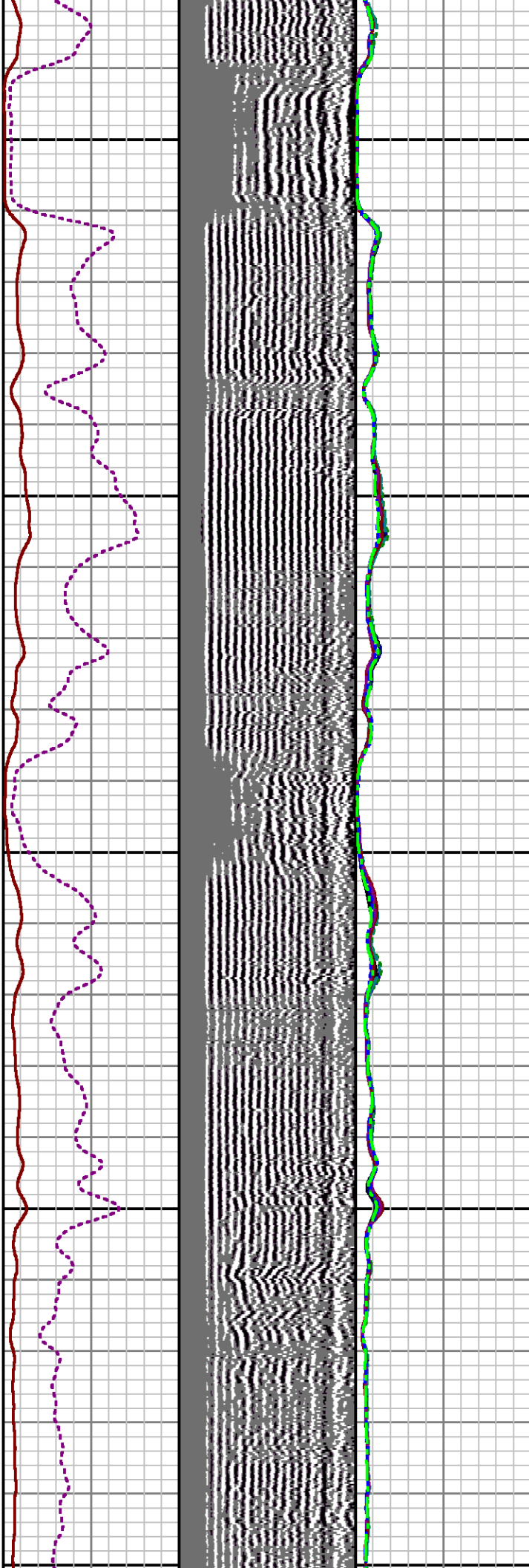


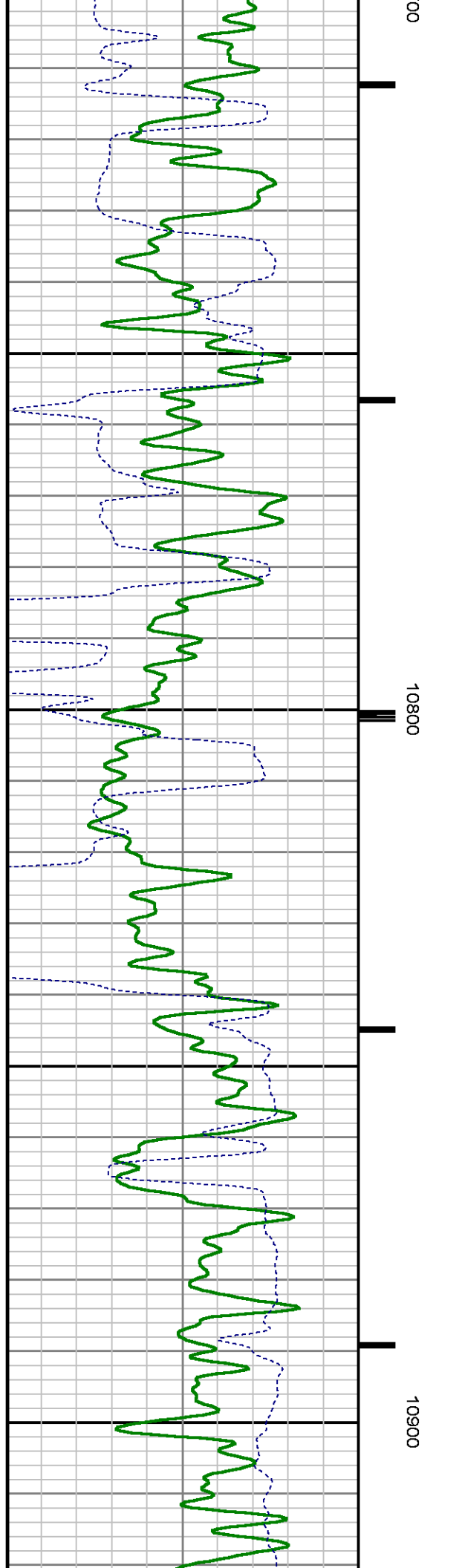
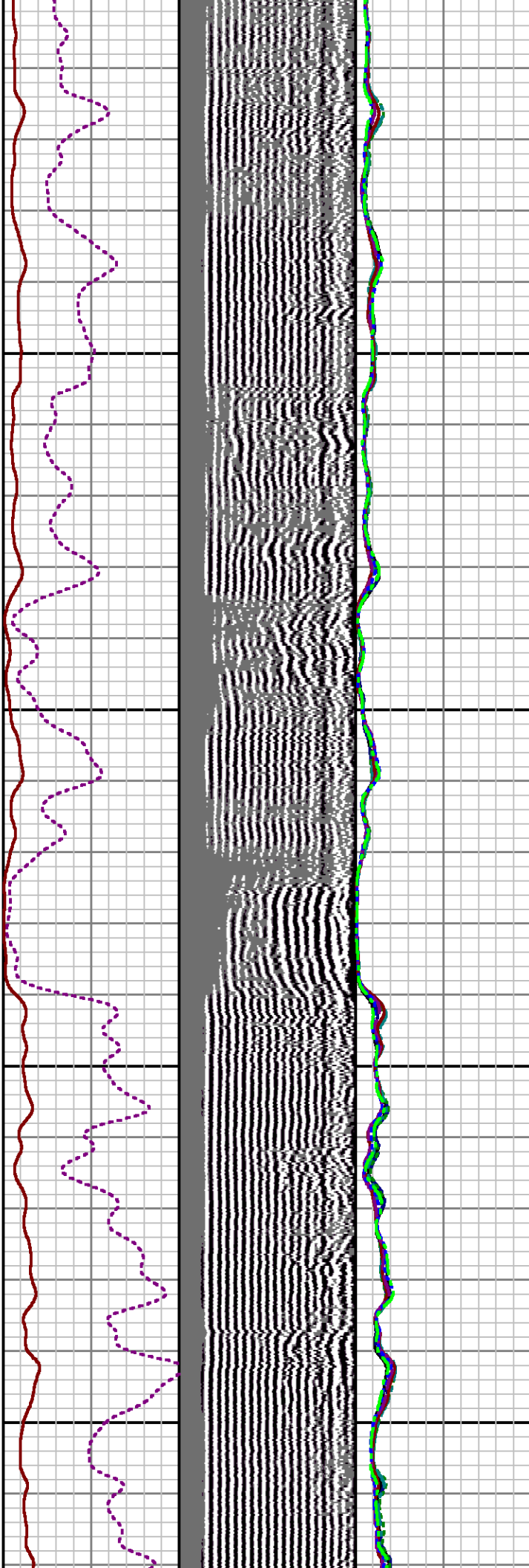
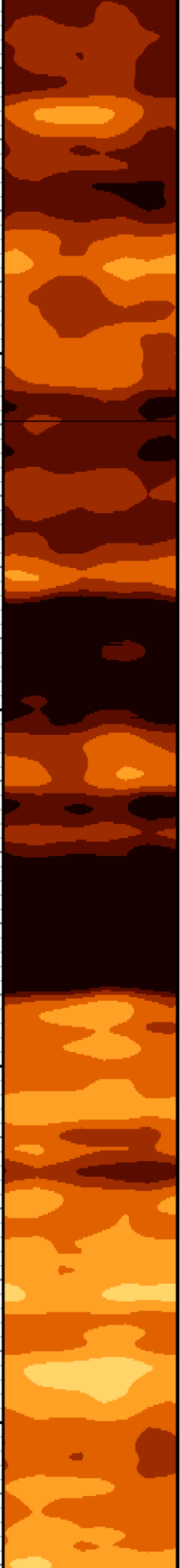


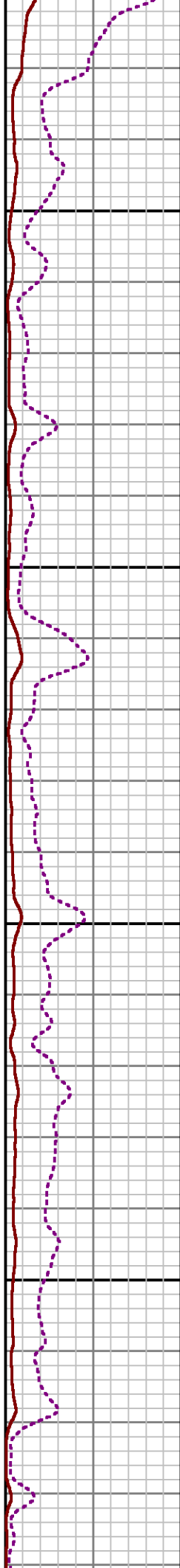
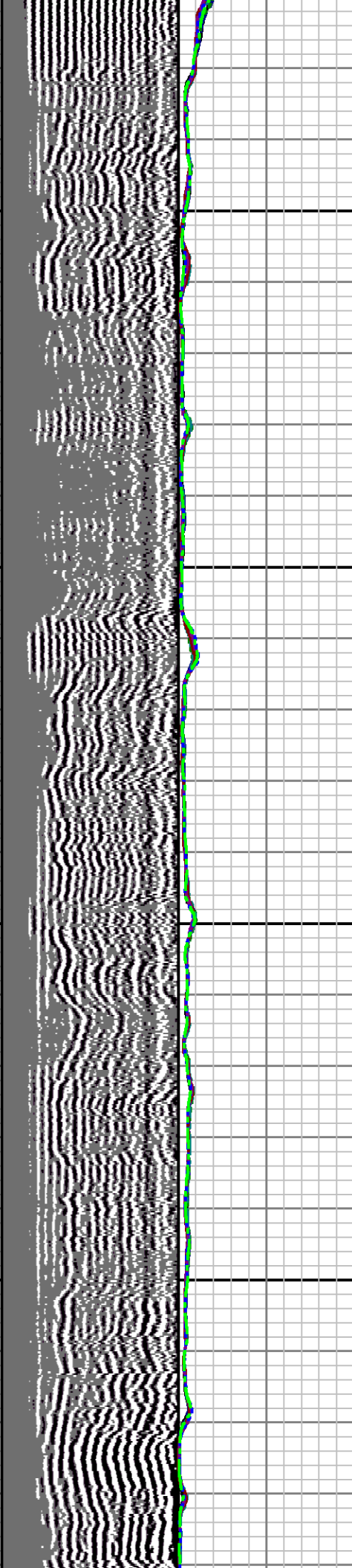






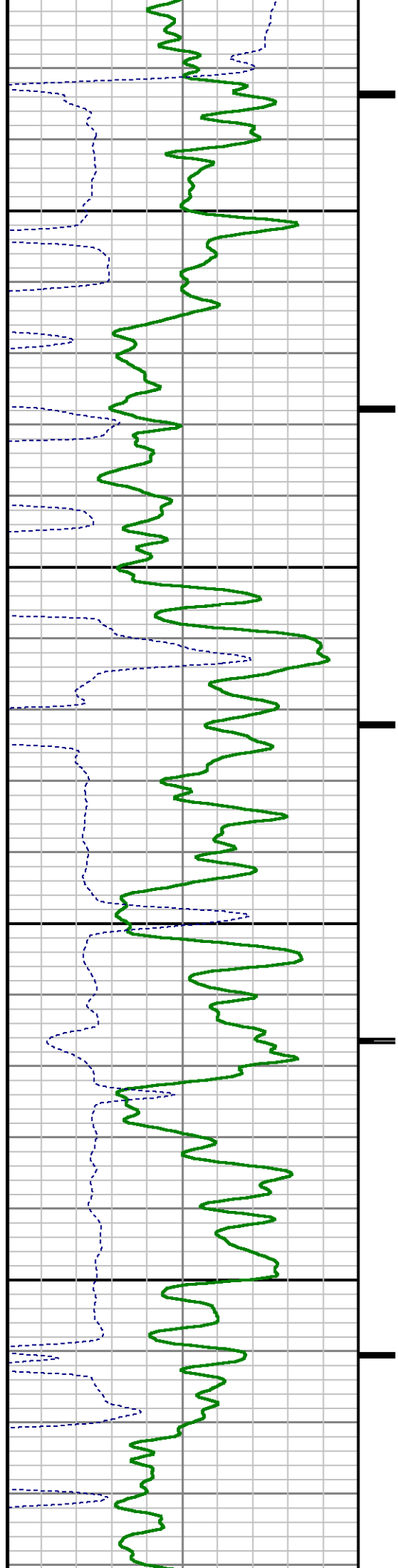


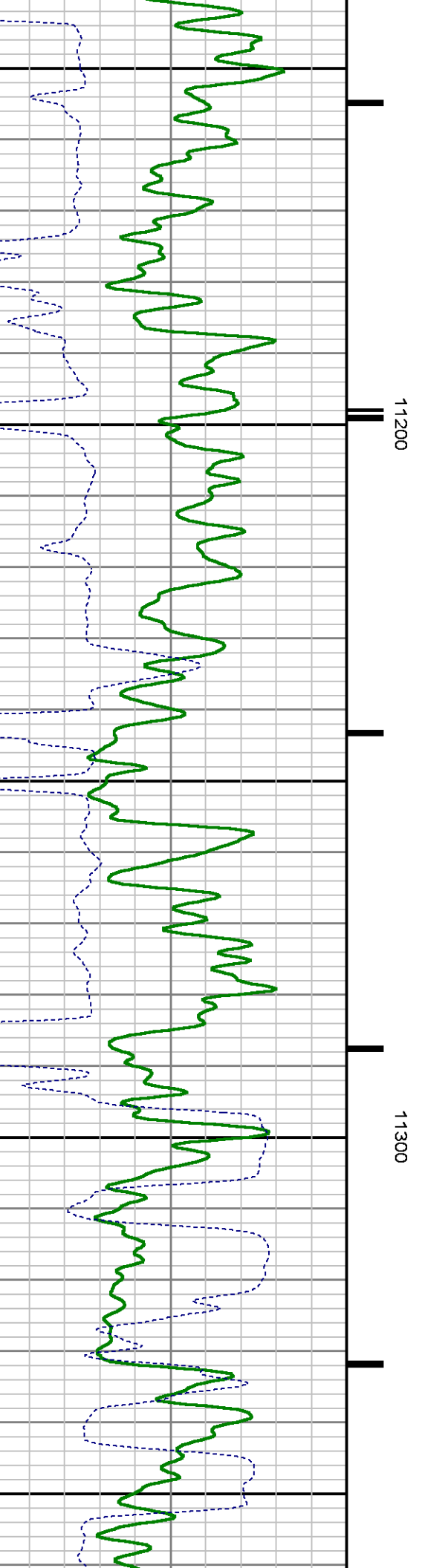
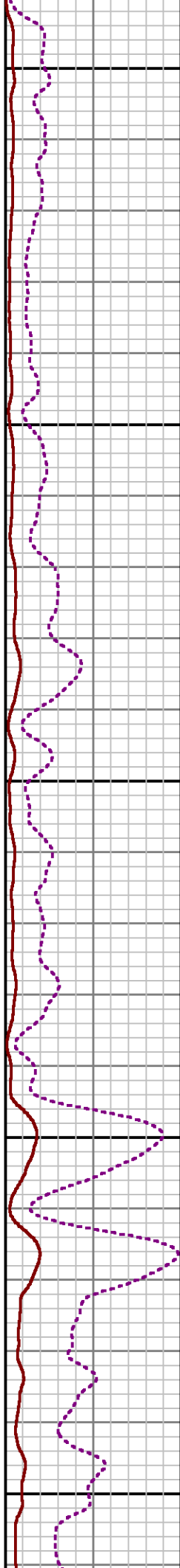
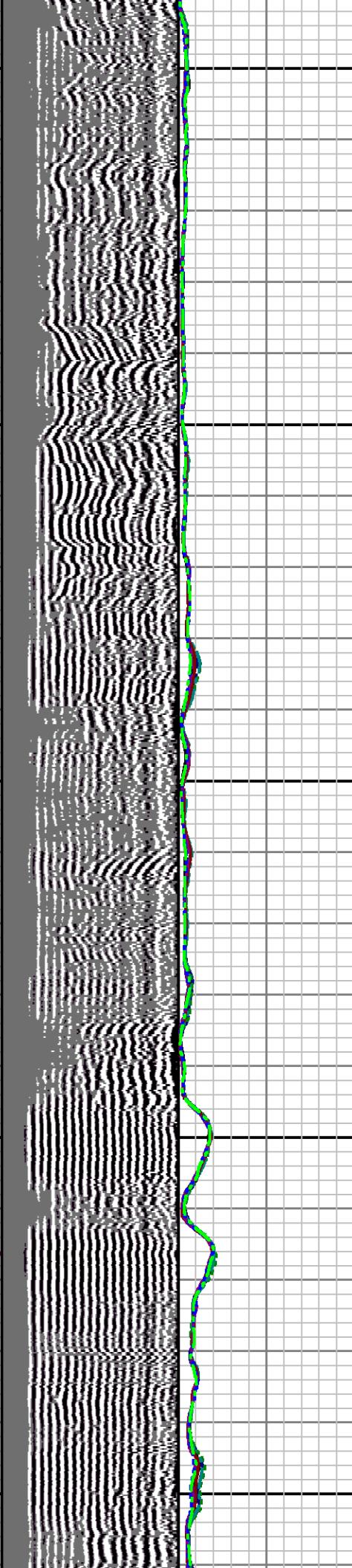
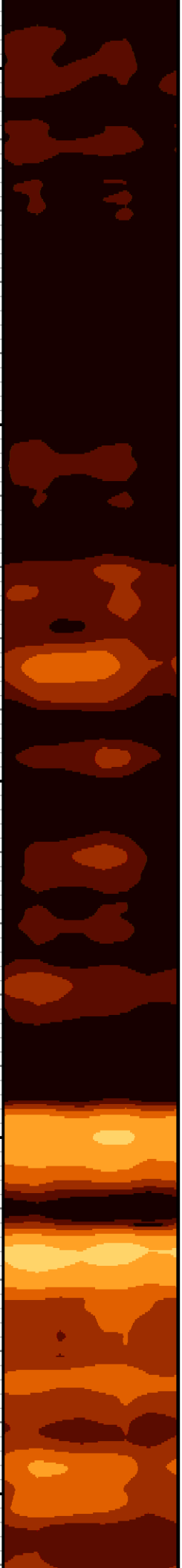


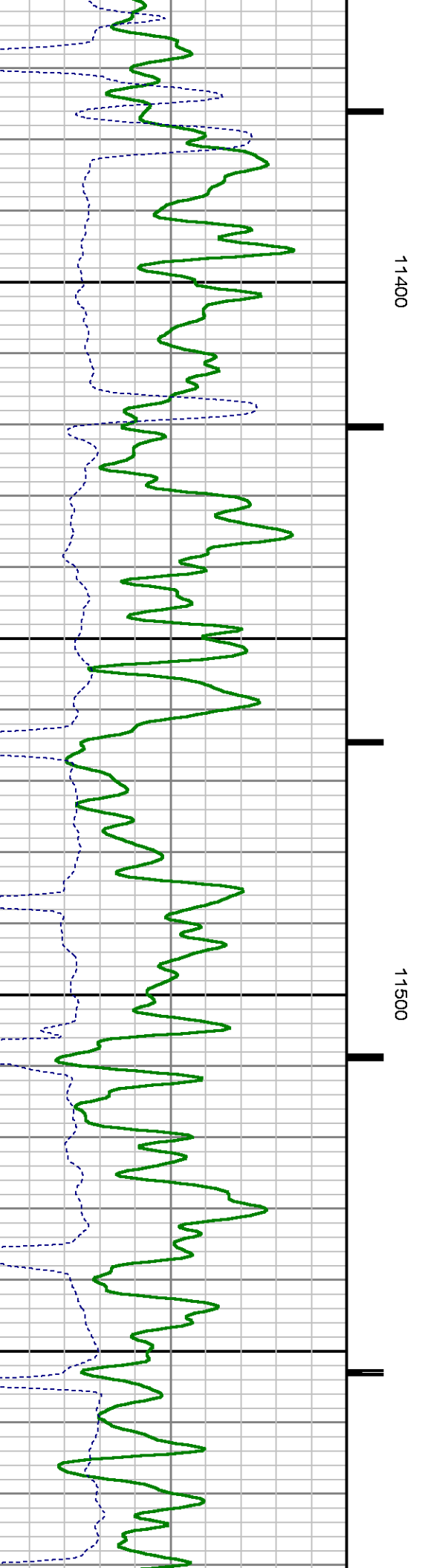
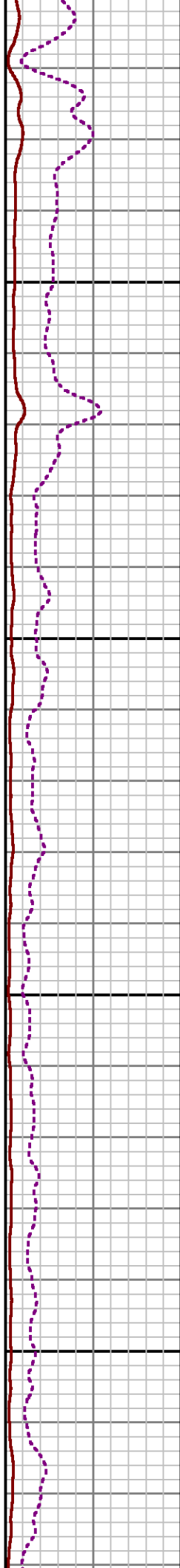
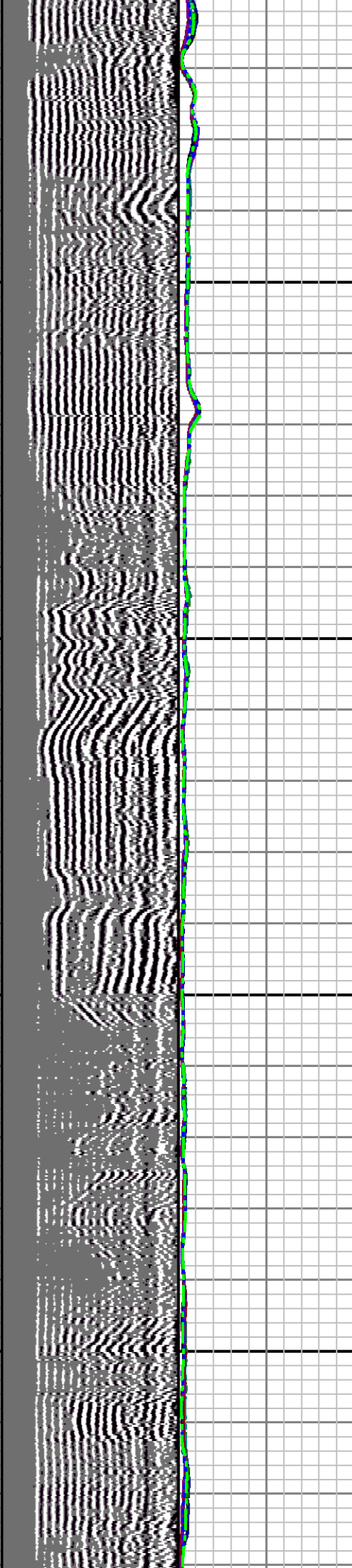
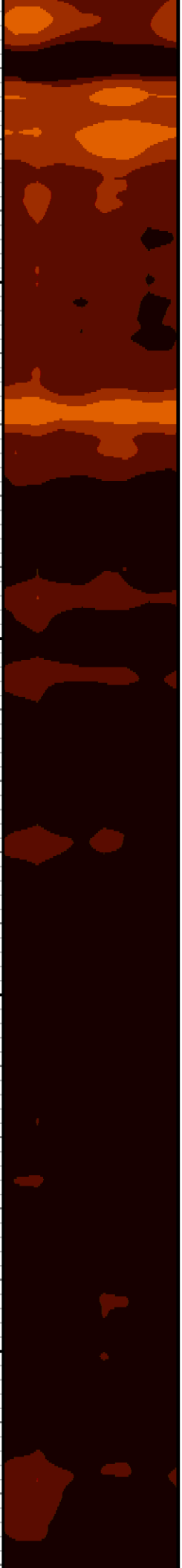


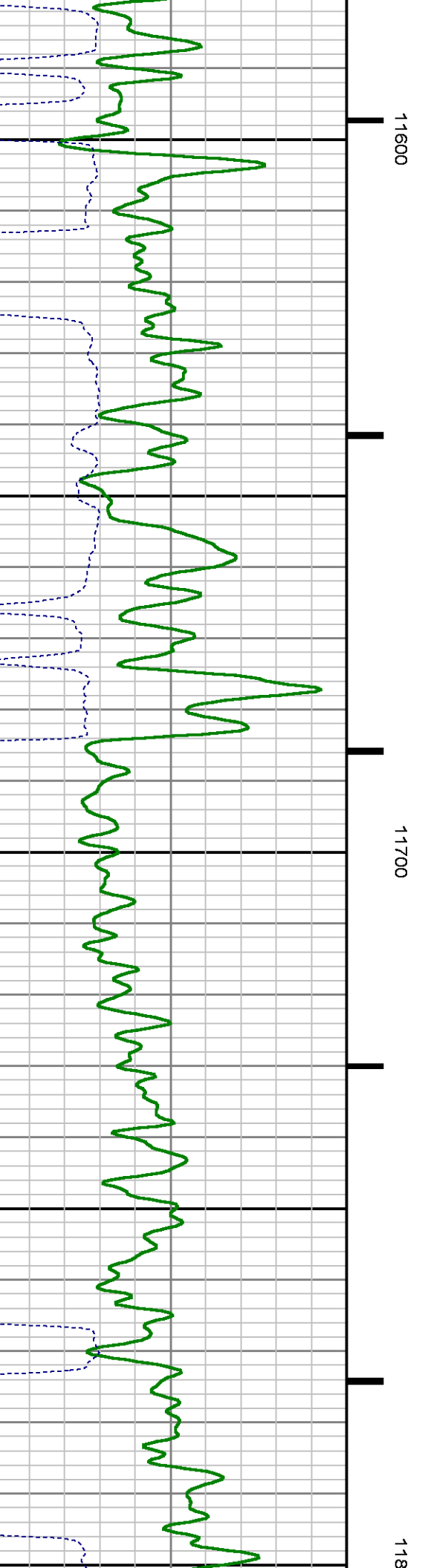
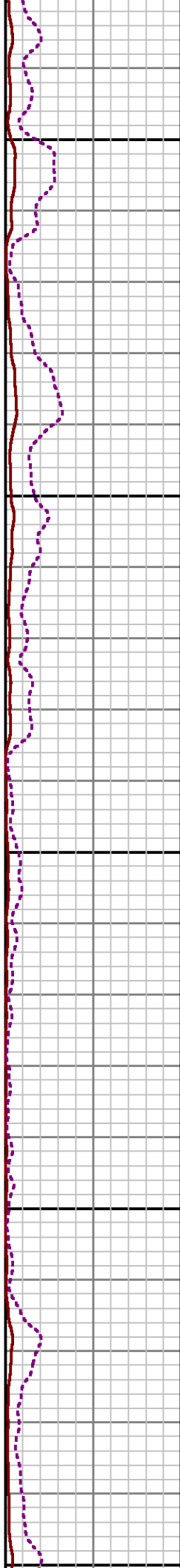
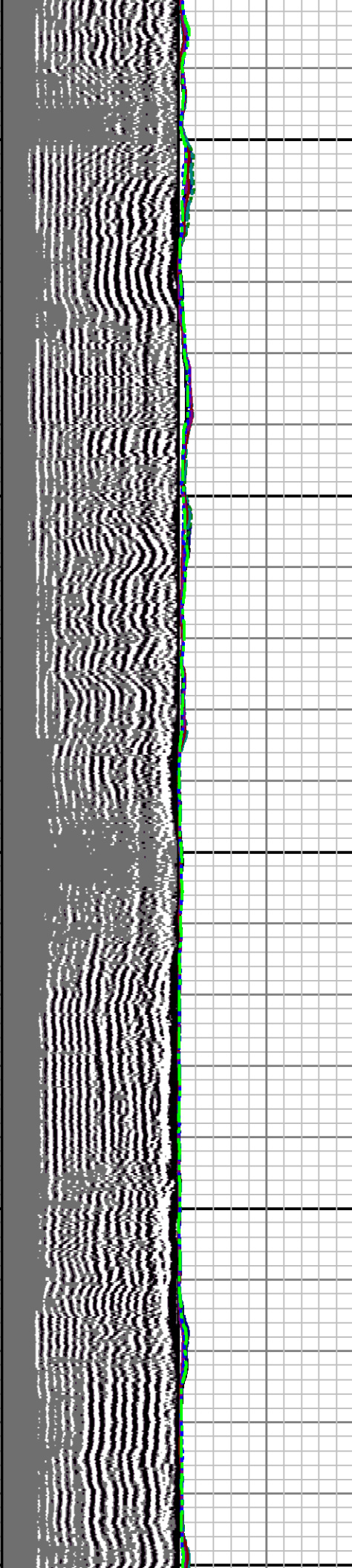
11000

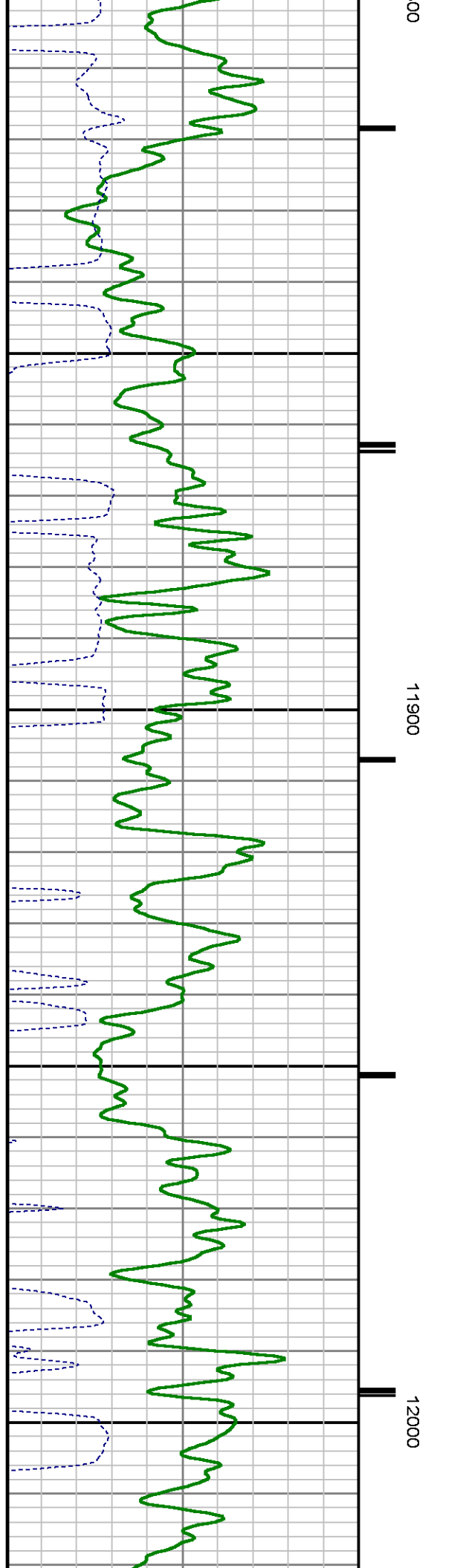
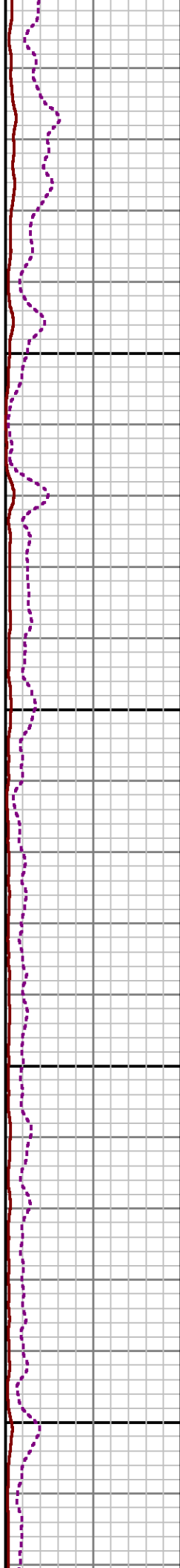
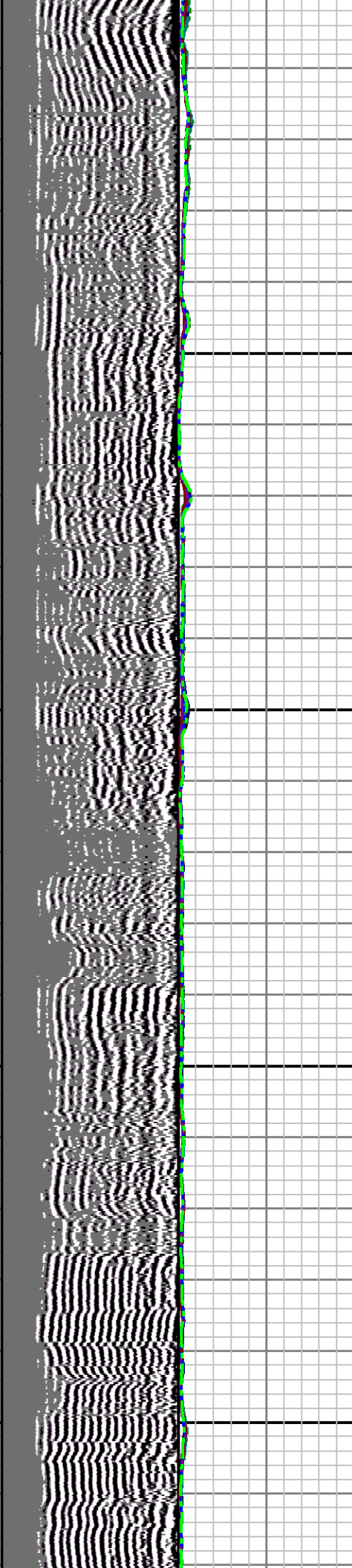
11100

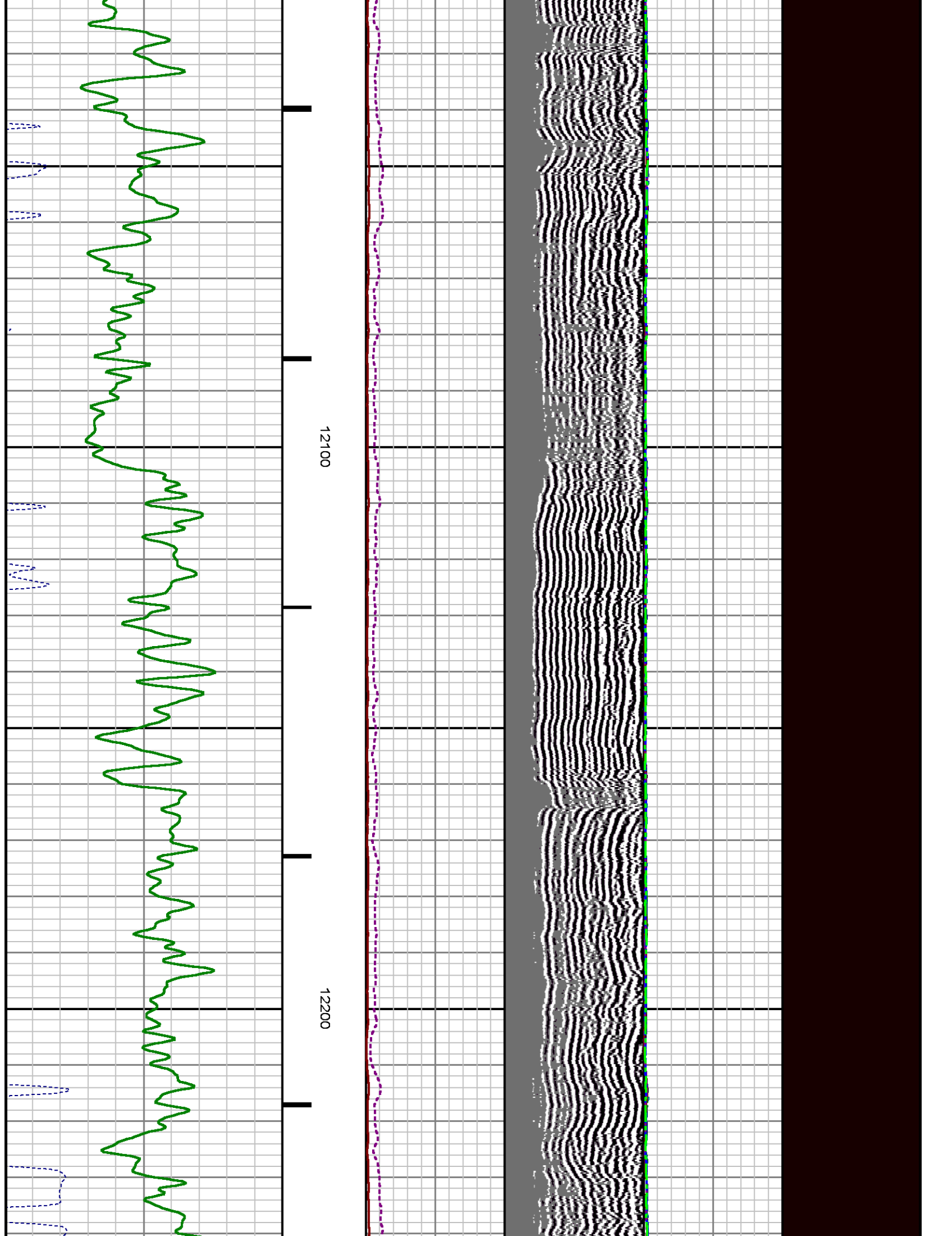


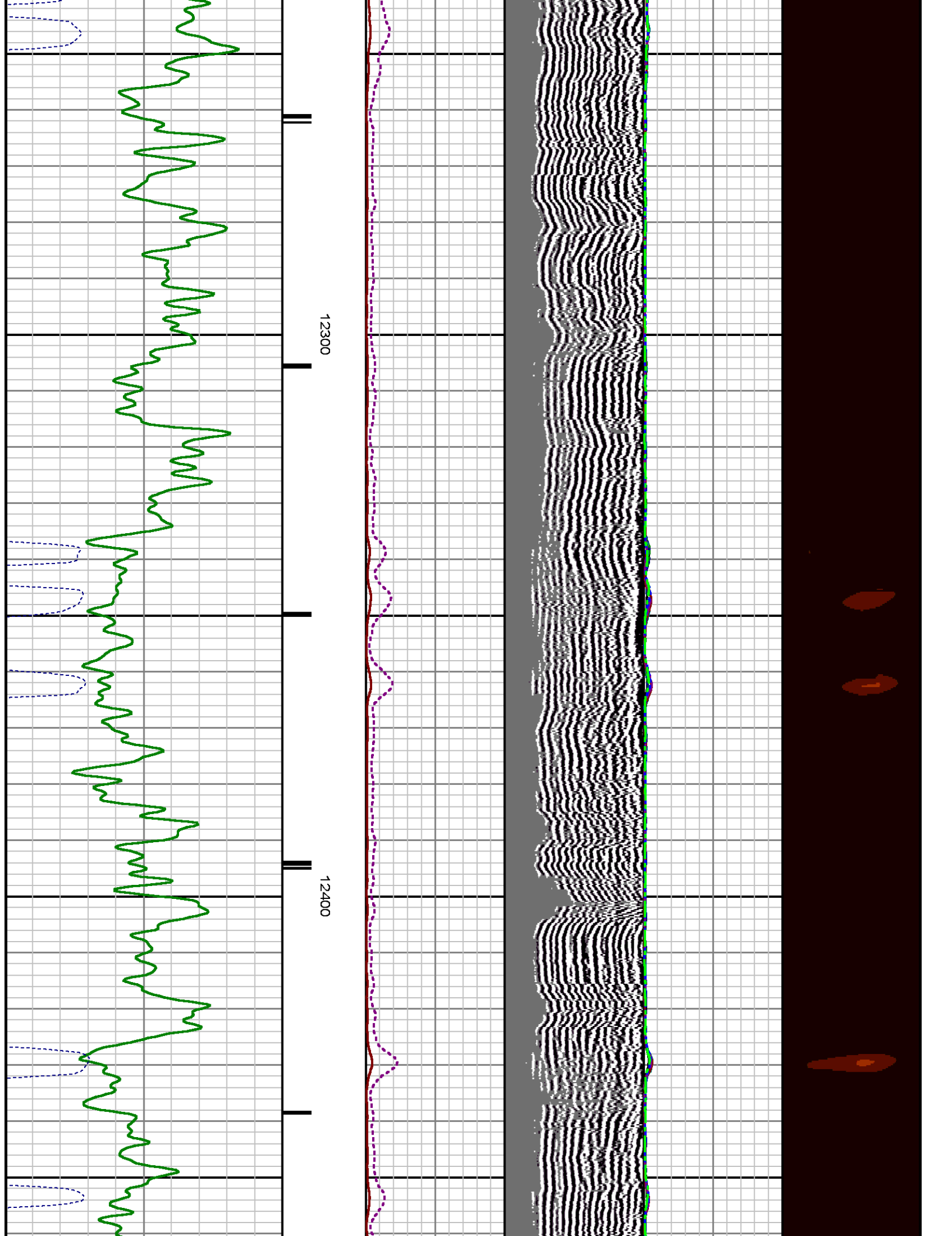


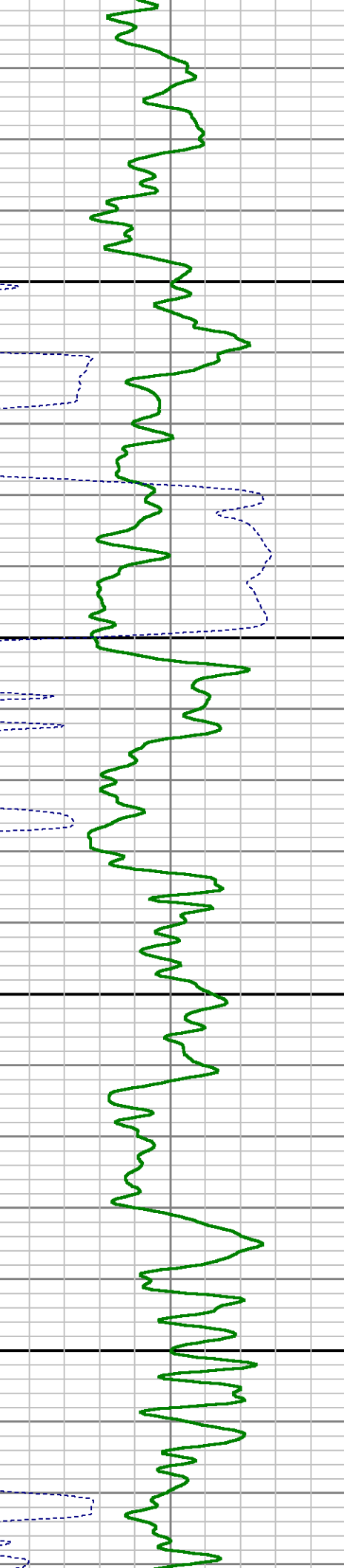
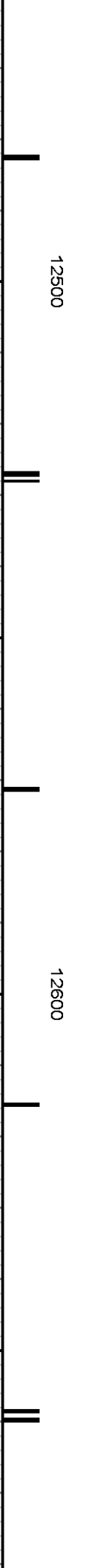
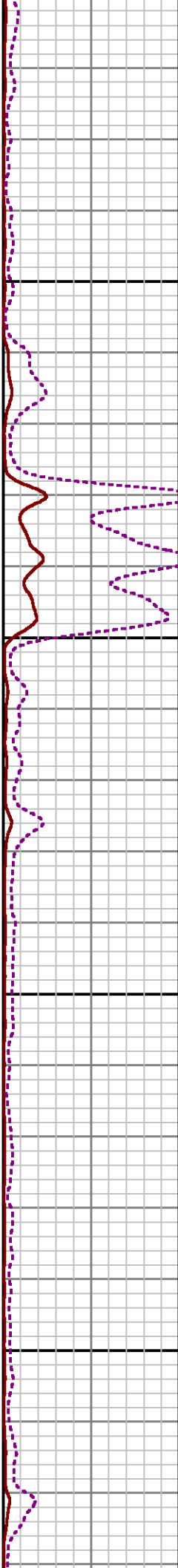
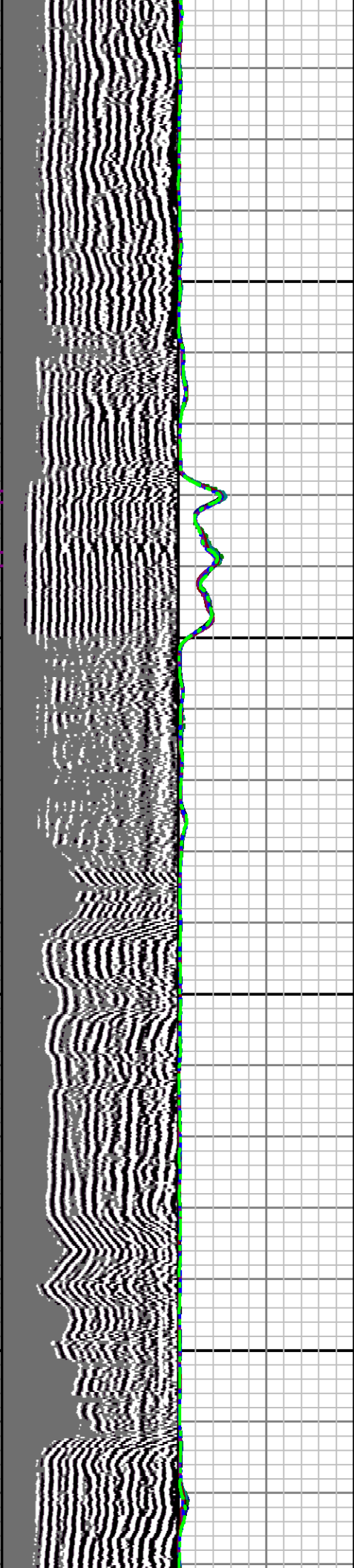


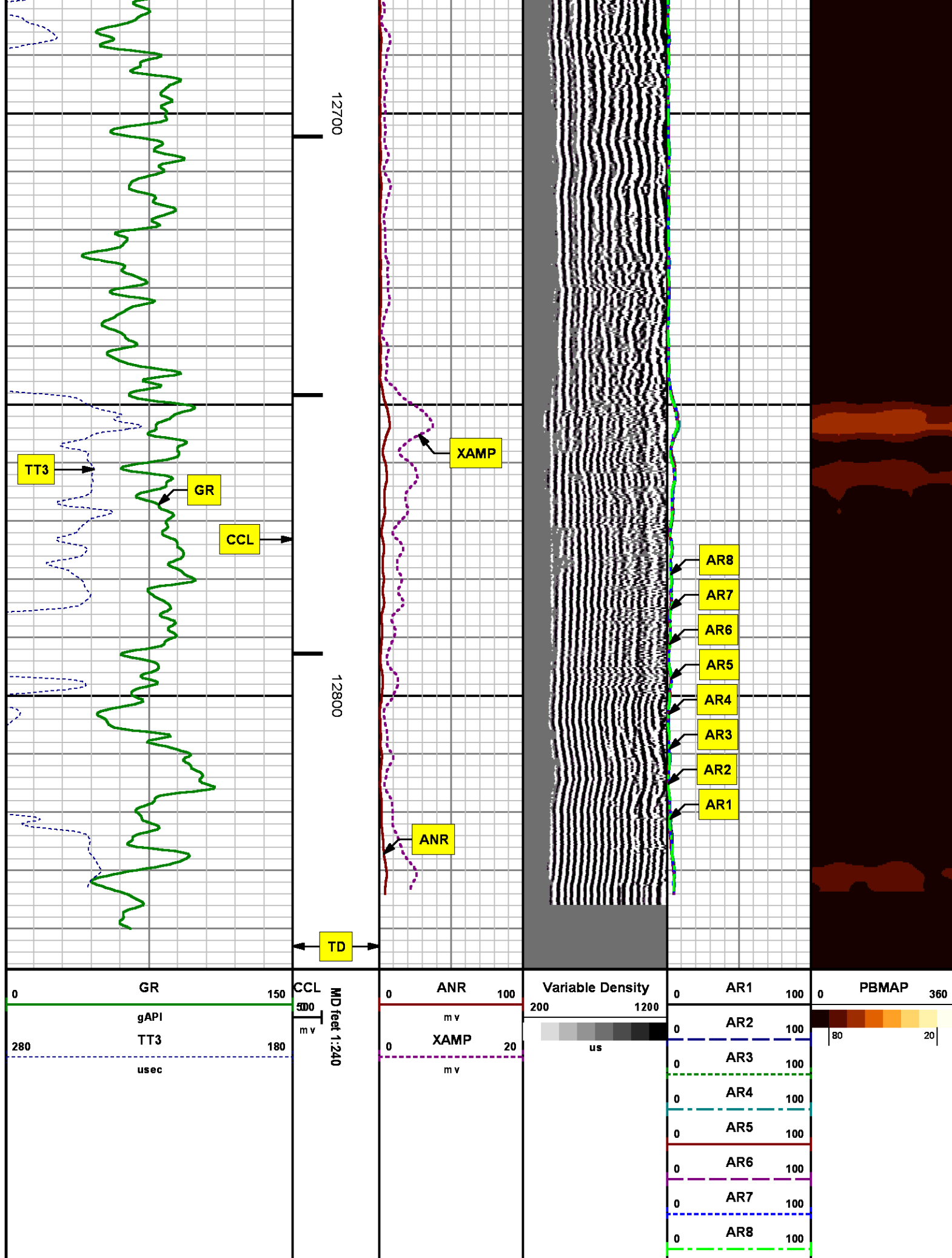












REPEAT SECTION

0 PSI

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	TOP	BOTTOM
RAL	Amp Gate Start Far	305.000	usec	12522.512	12842.700
RAL	Amp Gate Start Near	195.000	usec	12522.512	12842.700
RAL	Amp Gate Start Radial	195.000	usec	12522.512	12842.700
RAL	Amp Gate Width Far	25.000	usec	12522.512	12842.700
RAL	Amp Gate Width Near	25.000	usec	12522.512	12842.700
RAL	Amp Gate Width Radial	25.000	usec	12522.512	12842.700
RAL	casing od	4.500	inches	12522.512	12842.700
RAL	casing wt	11.600	lbm/ft	12522.512	12842.700
RAL	FB Start Far	291.900	usec	12522.512	12842.700
RAL	FB Start Near	180.000	usec	12522.512	12842.700
RAL	FB Start Radial	180.000	usec	12522.512	12842.700
RAL	FB Thresh Far	15.000	mv	12522.512	12842.700
RAL	FB Thresh Near	10.000	mv	12522.512	12842.700
RAL	FB Thresh Radial	10.000	mv	12522.512	12842.700
RAL	Fluid Travel Time	200.000	usec/ft	12522.512	12842.605

DEPTH OFFSETS

(for Acquired Curves)

SERIES	DEPTH OFFSET	ACQUIRED CURVES					
1426XA	-12.360	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	-11.360	AFAR	SIG	TT5			
2459XA	-7.250	CCL					
2459XA	-5.390	GR					
2459XA	0.000	NEU					

Company : WPX ENERGY

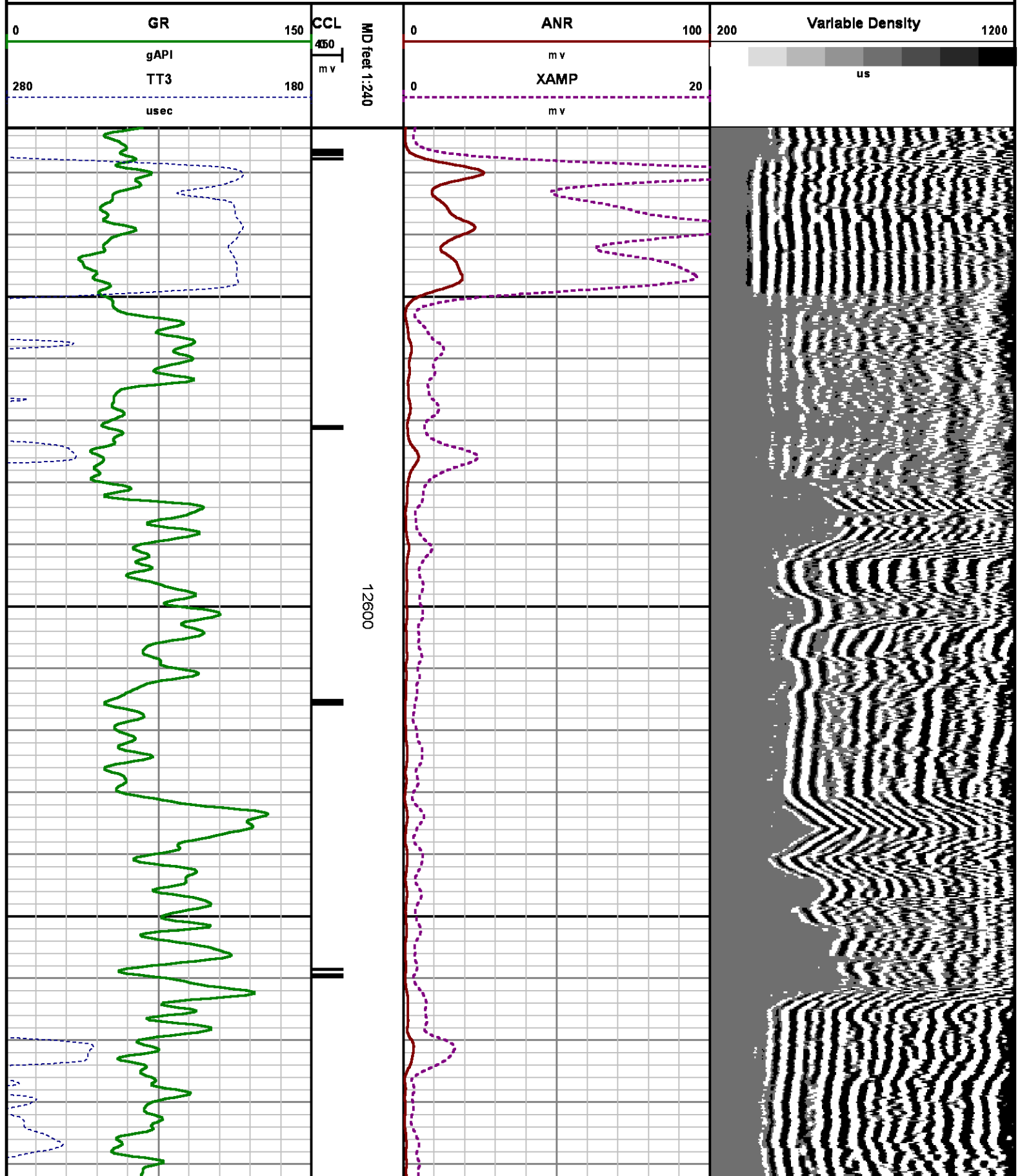
Well : FEDERAL RGU 44-24-198

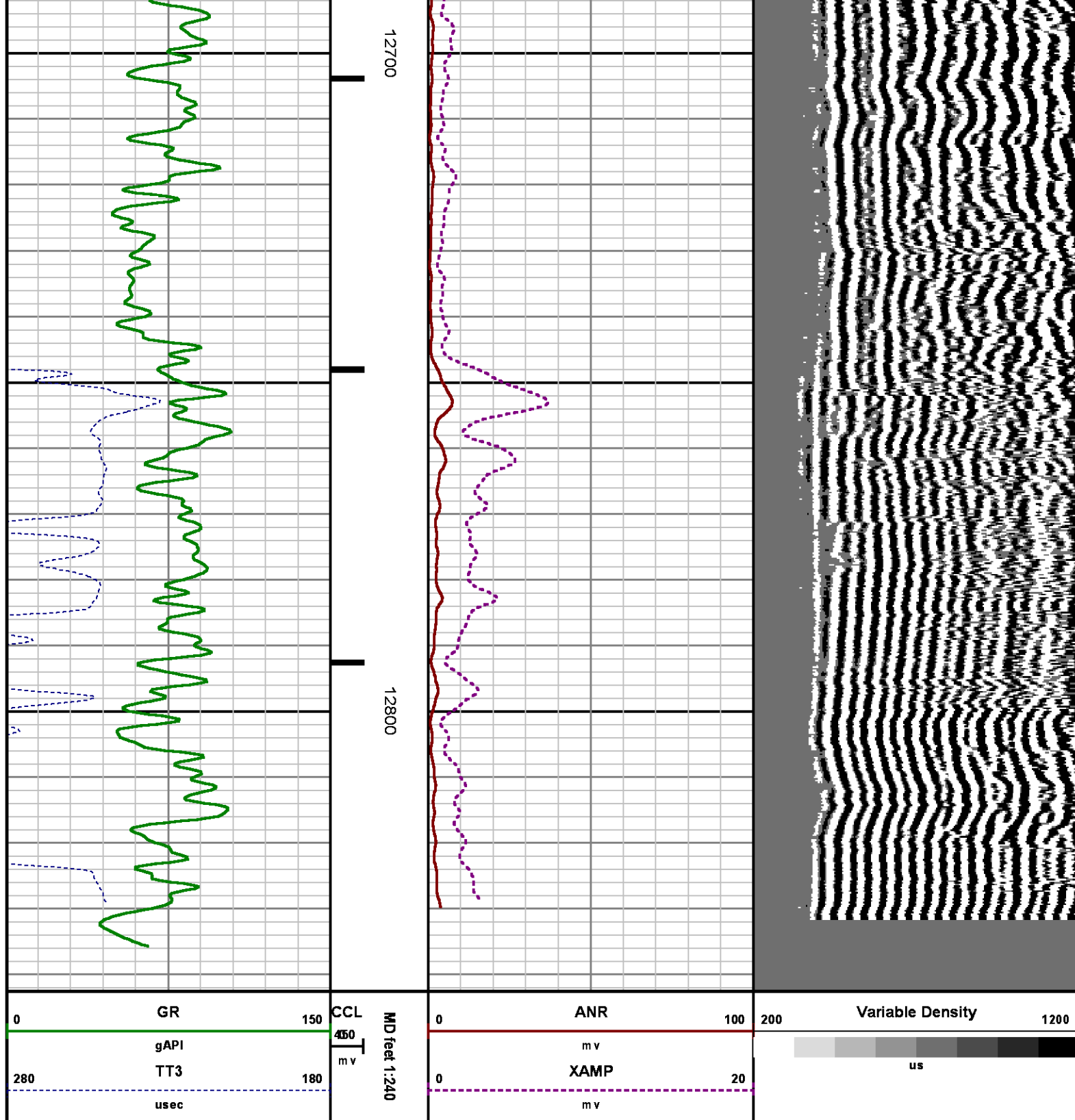
File Name : d:\welldata\wpx\rgu 44-24-198\44ra\repeat.xtf

Mode : PlotMgr 5.4.504

Interval : 12522.70 - 12842.70 feet UP

Created : 8/8/2014 12:09:05 PM





CALIBRATION SUMMARY

RAI SHP

Shop Calibration: C:\case\calver\RALSHP\496AU07_shp.cal

SHOP CALIBRATION SUMMARY

DATE/TIME PERFORMED: Thu Aug 07 09:54:54 2014 TOOL SERIES: 1426XA ASSET: 496 SEQ: AU07

Tool Delay [usec]	-57.00	Tank OD in	5.50	Tank Wt lbm/ft	15.50	Tank ID in	4.95
----------------------	--------	---------------	------	-------------------	-------	---------------	------

RECEIVER	Travel Time [usec]	Amp. Gate Start [usec]	Amp. Gate Width [usec]	Zero Gate Start [usec]	Zero Gate Width [usec]	Zero Amp. [mV]	Amp Ref. [mV]	Shop Factor
CAL Pulse	218	216	30	166	25	0.094	100.00	0.32
3 Ft. Receiver	217	216	30	166	25	2.476	100.00	0.32
5 Ft. Receiver	326	325	30	244	25	0.319	150.00	0.36
Radial #1	217	216	30	166	25	2.098	100.00	0.32
Radial #2	217	216	30	166	25	1.456	100.00	0.31
Radial #3	216	216	30	166	25	1.879	100.00	0.32
Radial #4	216	216	30	166	25	2.143	100.00	0.32
Radial #5	217	216	30	166	25	2.529	100.00	0.32
Radial #6	217	216	30	166	25	2.248	100.00	0.32
Radial #7	217	216	30	166	25	1.338	100.00	0.32
Radial #8	219	216	30	166	25	1.702	100.00	0.33

RALFLD

Wellsite Calibration: C:\case\calver\RALFLD\496AU07_fid.cal

WELLSITE CALIBRATION SUMMARY

DATE/TIME PERFORMED: Thu Aug 07 09:57:14 2014 TOOL SERIES: 1426XA ASSET: 496 SEQ: AU07

Tool Delay [usec]	-57.00	Casing OD in	4.50	Casing Wt lbm/ft	11.60	Casing ID in	4.00
----------------------	--------	-----------------	------	---------------------	-------	-----------------	------

RECEIVER	Zero Gate Start [usec]	Zero Gate Width [usec]	Zero Amp. [mV]	Full Amp. [mV]	Wellsite Factor	Amp. Ref [mV]
CAL Pulse	166	25	-0.166	0.000	1.00	100.000
3 Ft. Receiver	195	25	2.583			
5 Ft. Receiver	305	25	3.468			
Radial #1	195	25	1.692			
Radial #2	195	25	1.685			
Radial #3	195	25	2.201			
Radial #4	195	25	2.248			
Radial #5	195	25	2.422			
Radial #6	195	25	2.274			
Radial #7	195	25	1.869			
Radial #8	195	25	1.846			

GAMMA RAY

Calibration File: C:\case\calver\GR\45612.cal

CALIBRATION SUMMARY

DATE/TIME PERFORMED: Sat Jul 12 17:17:20 2014 TOOL SERIES: 2459XA ASSET: 456 SEQ: 12

Calibrator #	Background [cps]	Calibrator On [cps]	Multiplicative	Background [api]	Calibrator On [api]	Differential [api]
S2K WA-612	80.98	341.29	0.711	57.55	242.55	185.00

Verification File: C:\case\calver\GR\45612.VP

PRIMARY LOG VERIFICATION

DATE/TIME PERFORMED: Sat Jul 12 17:18:50 2014 TOOL SERIES: 2459XA ASSET: 456 SEQ: 12

Calibrator #	Background [cps]	Calibrator On [cps]	Multiplicative	Background [api]	Calibrator On [api]	Differential [api]
S2K WA-612	77.73	340.34	0.711	55.24	241.88	186.63

GAMMA RAY #2

Calibration File: C:\case\calver\GR\121J2.cal

CALIBRATION SUMMARY

DATE/TIME PERFORMED: Tue Jan 21 14:45:39 2014 TOOL SERIES: 2459XA ASSET: 121 SEQ: J2

Calibrator #	Background [cps]	Calibrator On [cps]	Multiplicative	Background [api]	Calibrator On [api]	Differential [api]
SK2 WA612	71.78	314.67	0.762	54.67	239.67	185.00

Verification File: C:\case\calver\GR\121J2.VP

PRIMARY LOG VERIFICATION

DATE/TIME PERFORMED: Tue Jan 21 14:46:51 2014 TOOL SERIES: 2459XA ASSET: 121 SEQ: J2

Calibrator #	Background [cps]	Calibrator On [cps]	Multiplicative	Background [api]	Calibrator On [api]	Differential [api]
SK2 WA612	74.22	316.93	0.762	56.53	241.40	184.86

TOOL DIAGRAM

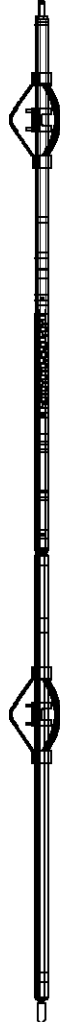
PROBE 2 3/4 DUAL RECEIVER RADII

Series	1426XA
Mnemonic	PROB
Diameter	2.75"
Length	11.17'
Measure Point	0.75' FAR RCVR
Measure Point	2.67' NEAR RCVR
Measure Point	5.75' XMIT
Temp Rating	350.00 °F
Press Rating	18000.00 PSI

Probe GR/CCL/NEU

Series	2459XA
Mnemonic	PROB
Diameter	2.75"
Length	9.42'
Measure Point	1.21' NEU
Measure Point	6.60' GR
Measure Point	8.46' CCL

Total Length: 21.81'
Total Weight: Not Available
Max Diameter: 0' 2.75"



XMIT	15.62'
NEAR RCVR	12.54'
FAR RCVR	10.62'
CCL	8.92'
GR	7.06'
NEU	1.67'
	0.00'



Baker Atlas

CASE

Company

WPX ENERGY

Well

FEDERAL RGU 44-24-198

Field

SULPHUR CREEK

County

RIO BLANCO

State

COLORADO

Location

SHL: 2111' FSL & 1673' FEL

BHL: 1025' FSL & 661' FEL (SESE)

Elevations

KB 6617 ft

DF

GL 6596 ft

SEC 24 TWP 1S RGE 98W

File No:

CH089267

API No:

05103120830000

24 1S 98W

RGU 33-24-198 PAD

CYCLONE 29