



RADIAL ANALYSIS BOND LOG

Baker Atlas

File No:	Company	WPX ENERGY
CH084818	Well	FEDERAL NER 44-32
API No:	Field	RULISON
05045217900000	County	GARFIELD
	State	CO

32 6S 93W	Location	SHL: 182' FWL & 2602' FWL (5 7S 93W)	Other Services
RU 23-5 PAD		BHL: 759' FSL & 671' FEL (32 6S 93W)	
NABORS 576	SEC 32	TWP 6S	RPM
		RGE 93W	

Permanent Datum	GL	Elevation	7603 ft
Log Measured From	KB	26 ft	Above P. D.
Drill Measured From	KB		
			Elevations
			KB 7629 ft
			DF
			GL 7603 ft

Date	25/APR/14
Run	ONE
Service Order	US625392
Depth Driller	10389 ft
Depth Logger	10314 ft
Bottom Logged Interval	10304 ft
Top Logged Interval	26 ft
Time Started	8:00
Time Finished	13:00
Operator Rig Time	5 HOURS
Type of Fluid in Hole	WATER
Fluid Density	NA
Salinity	NA
Fluid Level	105 ft
Logged Cement Top	NA
Wellhead Pressure	0 psi
Maximum Hole Deviation	NA
Nominal Logging Speed	65 fpm
Maximum Recorded Temperature	246 degF
Reference Log	NA
Reference Log Date	NA
Equipment No.	4271
Location	GRAND JUNCTION
Recorded By	NEWELL
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	1138 ft
8.75 in	1138 ft	10427 ft

Casing Record				
Size	Weight	Grade	From	To
9.625 in			0 ft	1138 ft
4.5 in	11.6 lbm/ft	P-110	0 ft	10427 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 14 feet.

Logged with zero PSI at wellhead.

BHT = 246 °F

Equipment Data

Run	Trip	Tool	Series Number	Serial Number	Position
1	1	CBL	1426XA	10218496	CENTRALIZED
1	1	GR/CCL	2459XA	10417456	CENTRALIZED

PRIMARY PRESENTATION
0 PSI

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	TOP	BOTTOM
RAL	Amp Gate Start Far	305.000	usec	35.155	10318.500
RAL	Amp Gate Start Near	195.000	usec	35.155	10318.500
RAL	Amp Gate Start Radial	195.000	usec	35.155	10318.500
RAL	Amp Gate Width Far	25.000	usec	35.155	10318.500
RAL	Amp Gate Width Near	25.000	usec	35.155	10318.500
RAL	Amp Gate Width Radial	25.000	usec	35.155	10318.500
RAL	casing od	4.500	inches	35.155	10318.500
RAL	casing wt	11.600	lbm/ft	35.155	10318.500
RAL	FB Start Far	291.900	usec	35.155	10318.500
RAL	FB Start Near	175.391	usec	35.155	10318.500
RAL	FB Start Radial	175.391	usec	35.155	10318.500
RAL	FB Thresh Far	10.000	mv	35.155	10318.500
RAL	FB Thresh Near	4.000	mv	35.155	10318.500
RAL	FB Thresh Radial	4.000	mv	35.155	10318.500
RAL	Fluid Travel Time	200.000	usec/ft	35.155	10318.500

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

1426XA -15.750
 2459XA -11.340
 2459XA -9.490
 2459XA -4.090

FPR3 FPR5 TT3 TTR1 TTR2 TTR3
 TTR4 TTR5 TTR6 TTR7 TTR8 XAMP
 AFAR SIG TT5
 CCL
 GR
 NEU

Created by : RAL, v4.8.008

Plotted by : PlotMgr, v5.4.504

Company : WPX ENERGY

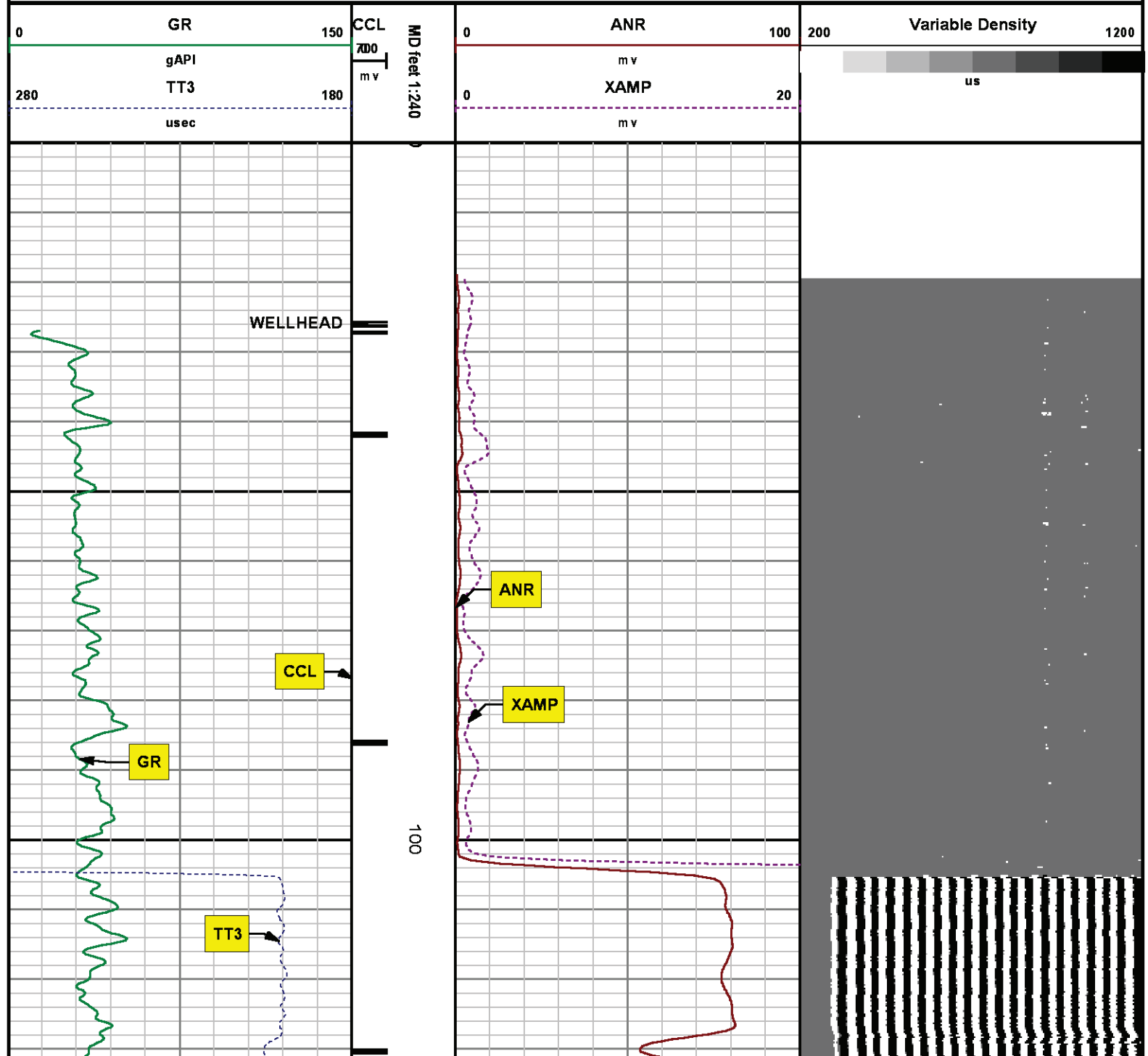
Well : FEDERAL NER 44-32

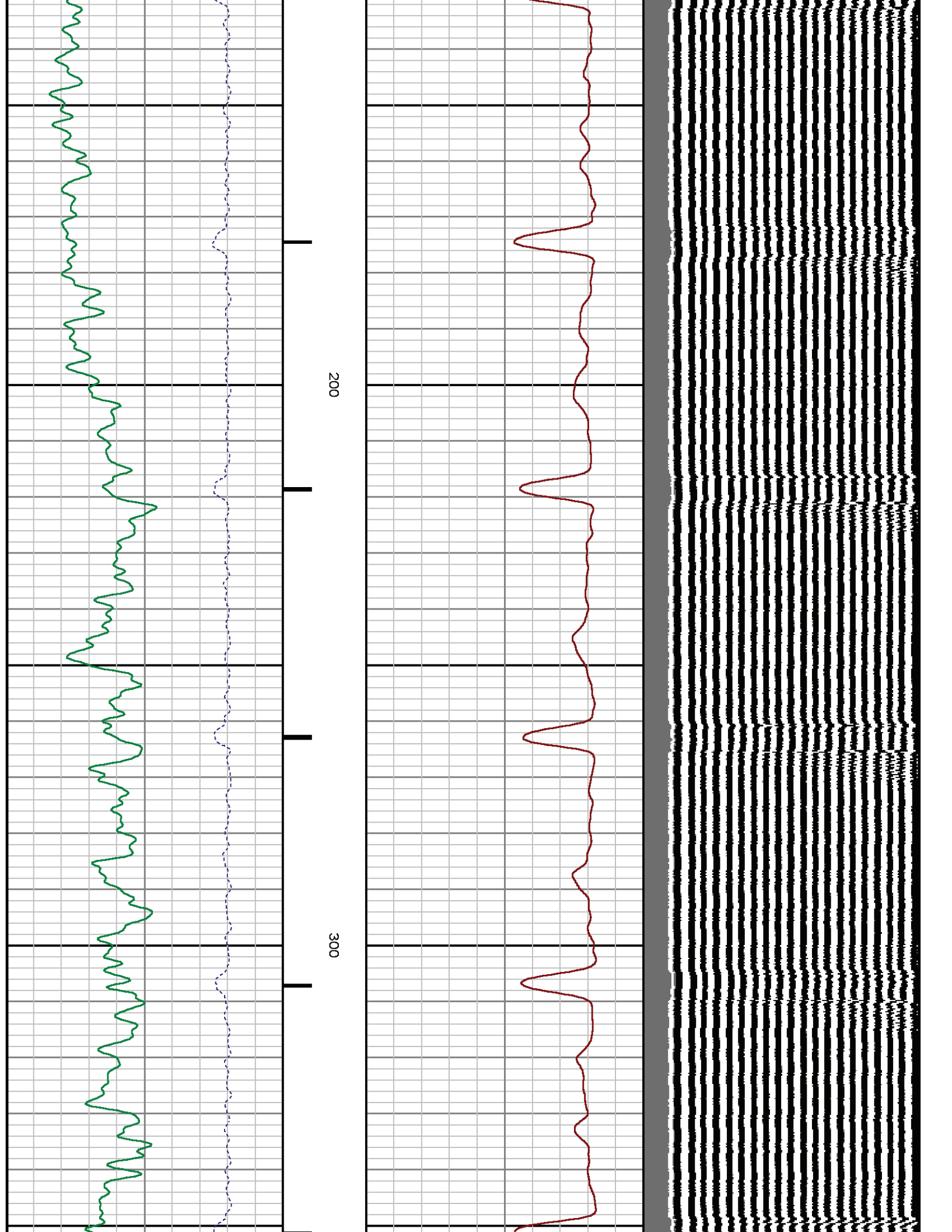
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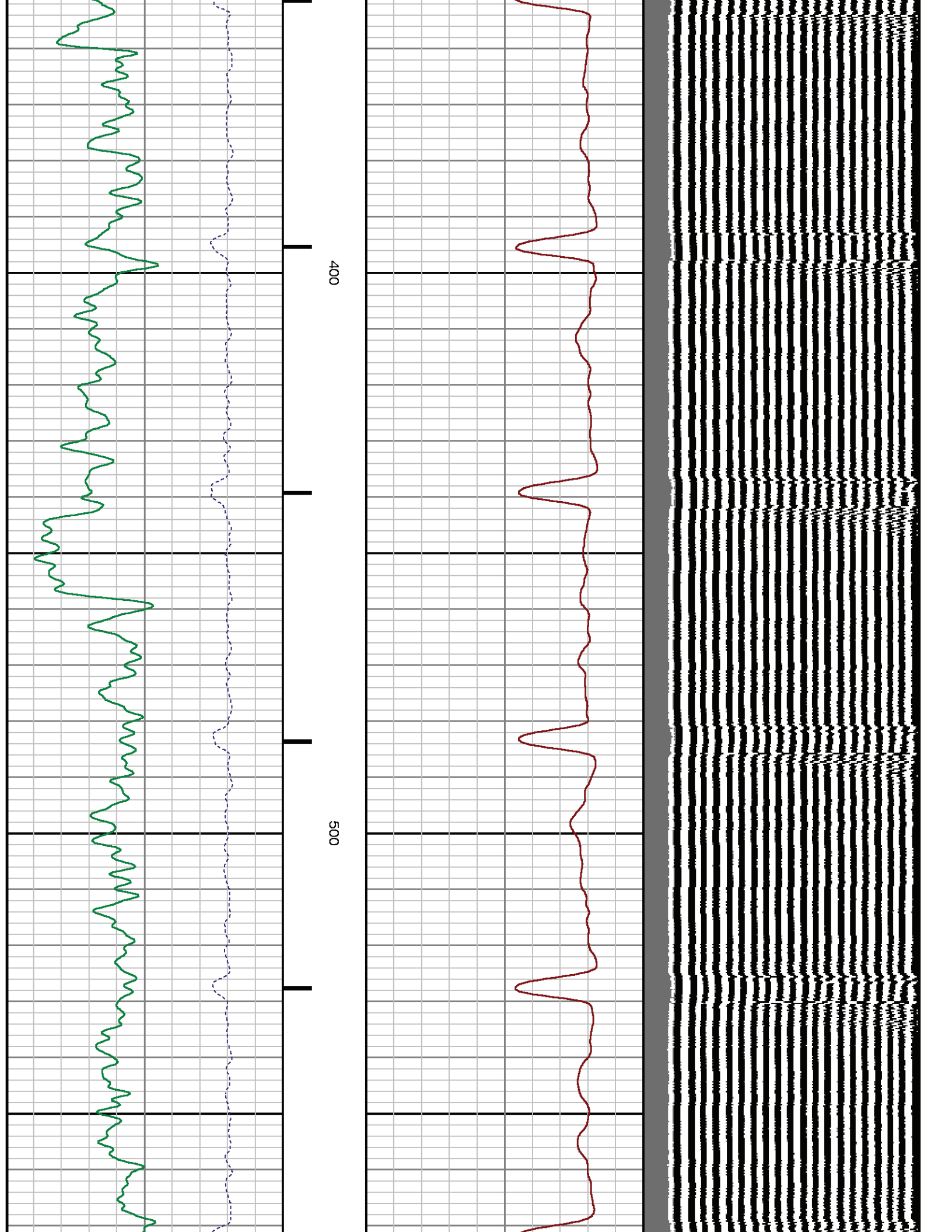
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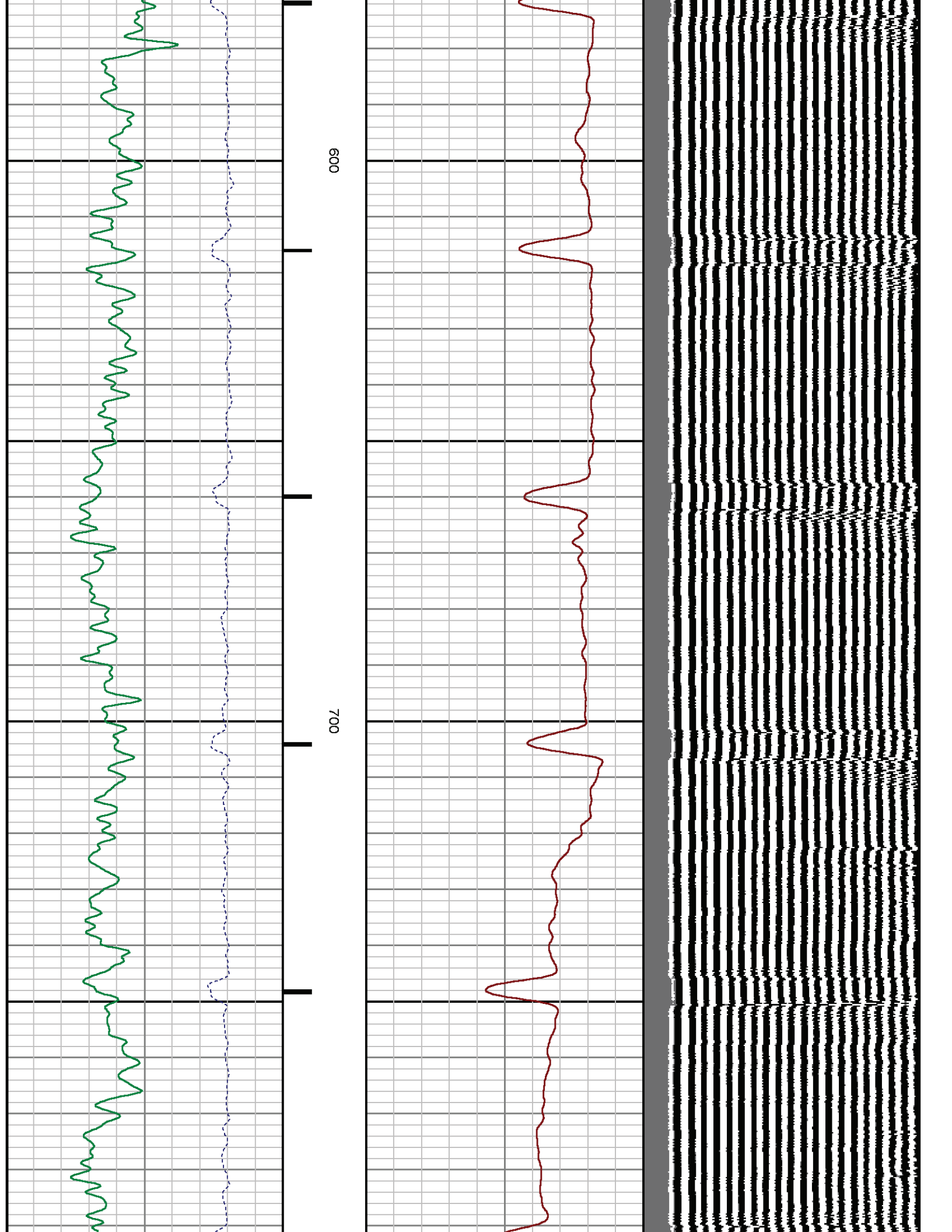
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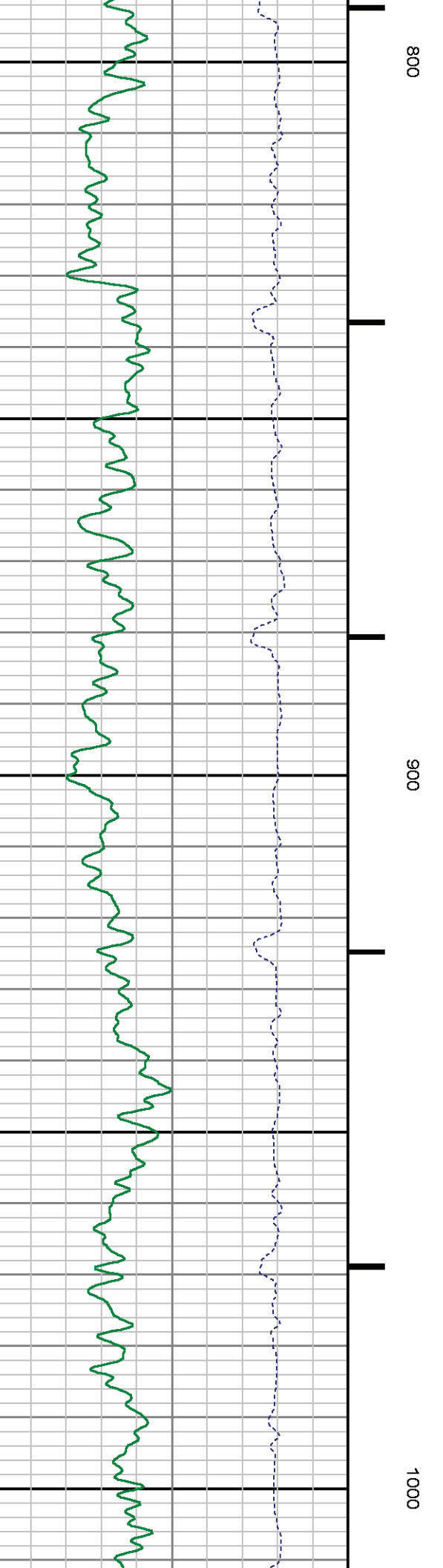
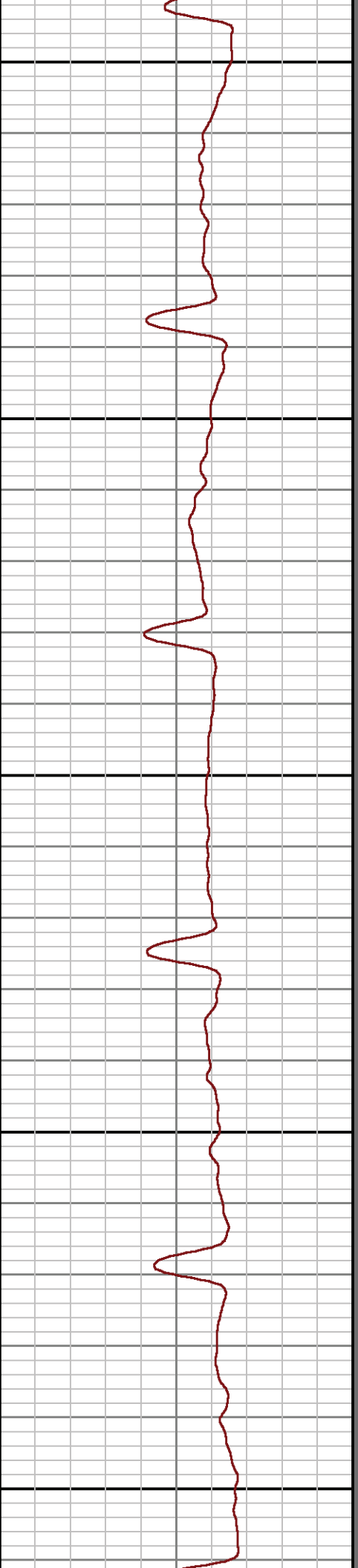
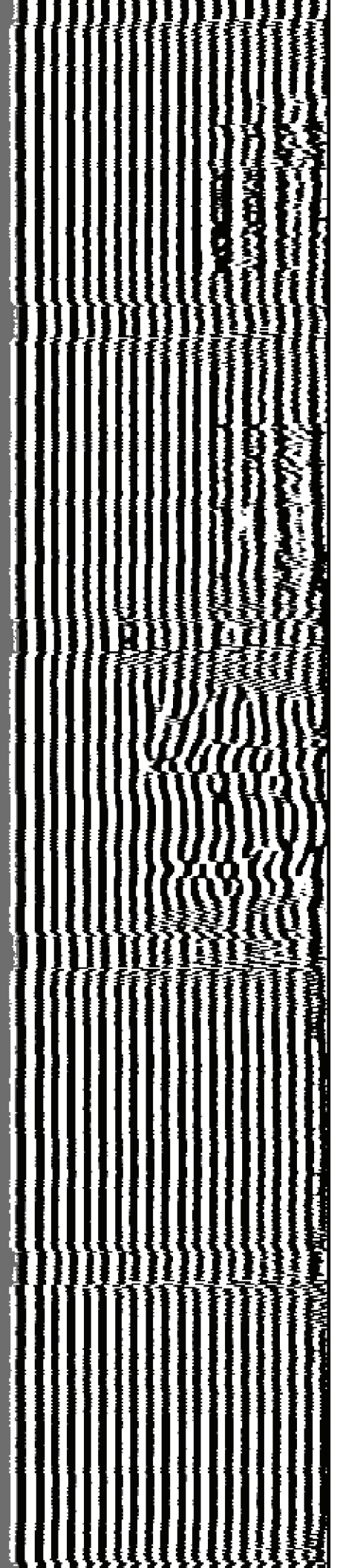
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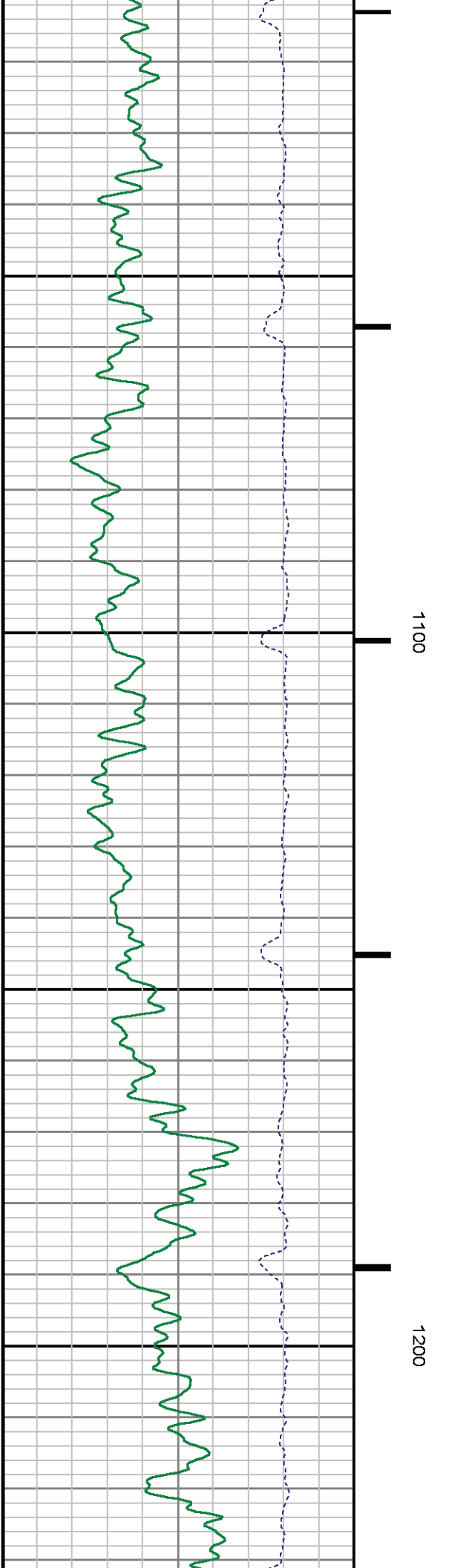
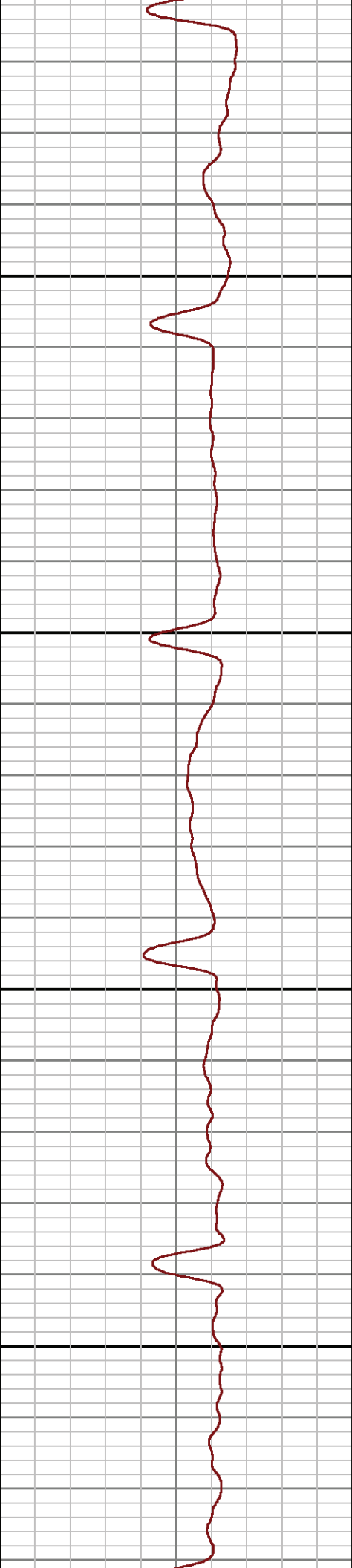
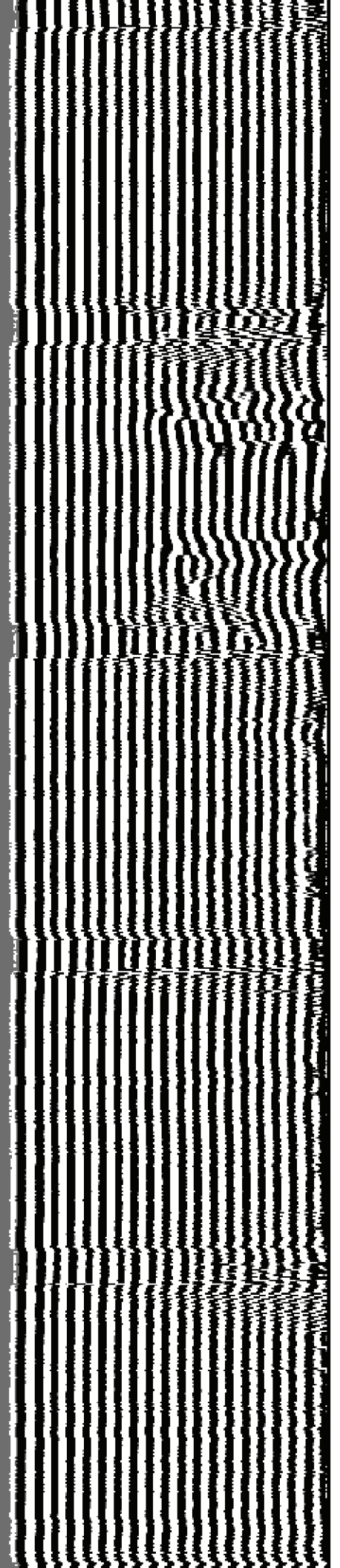


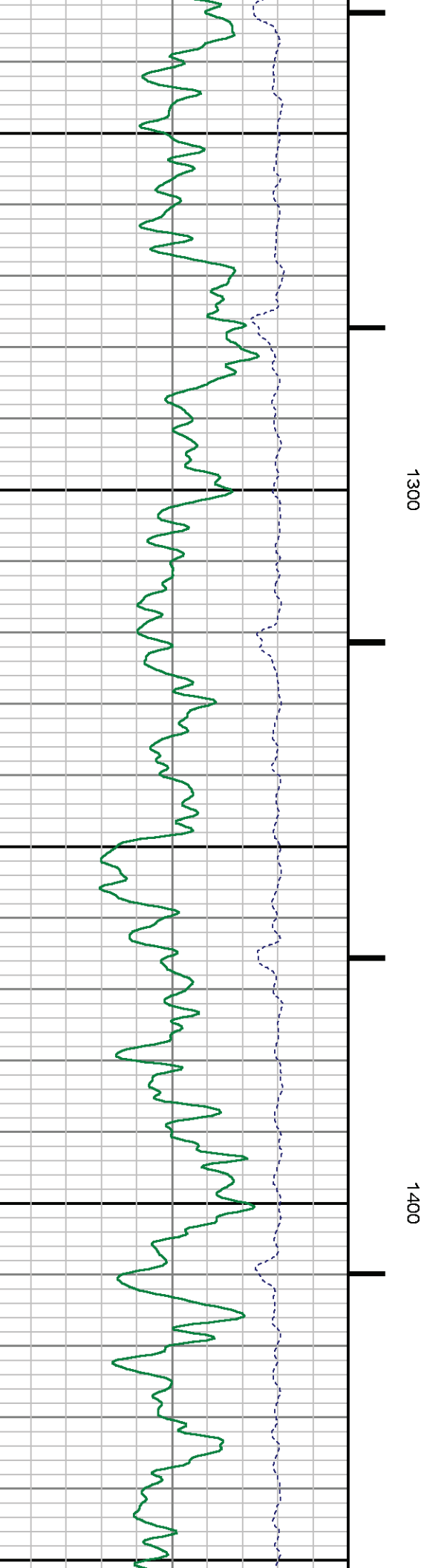
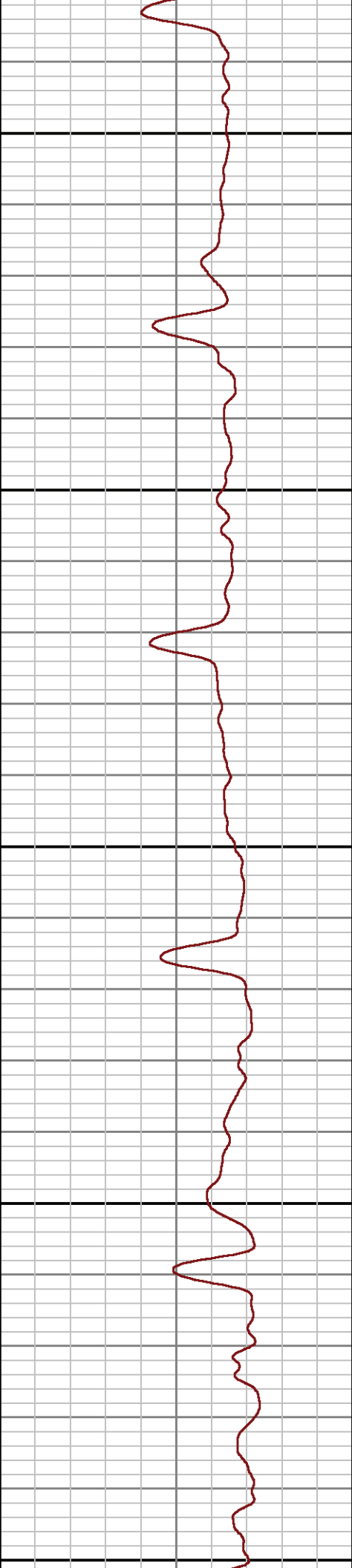
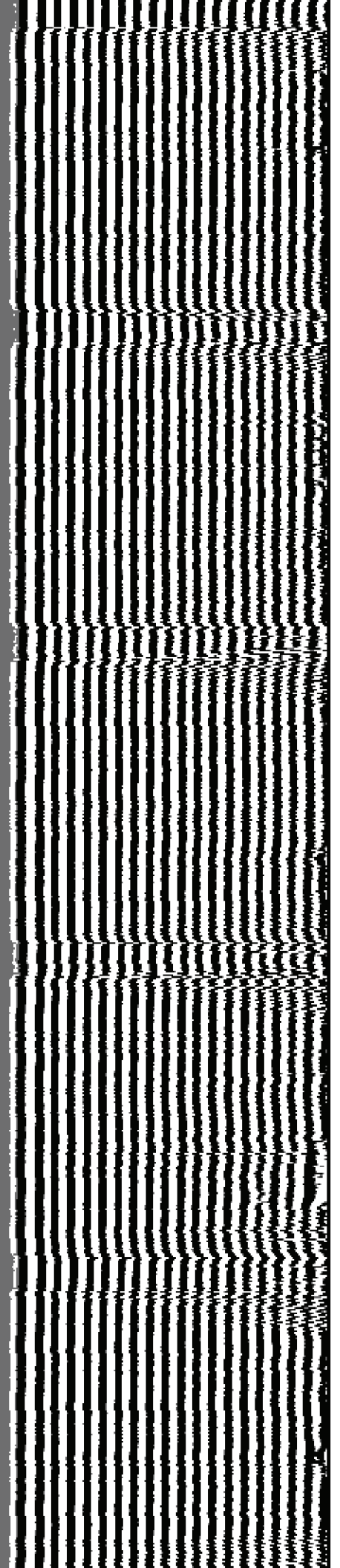


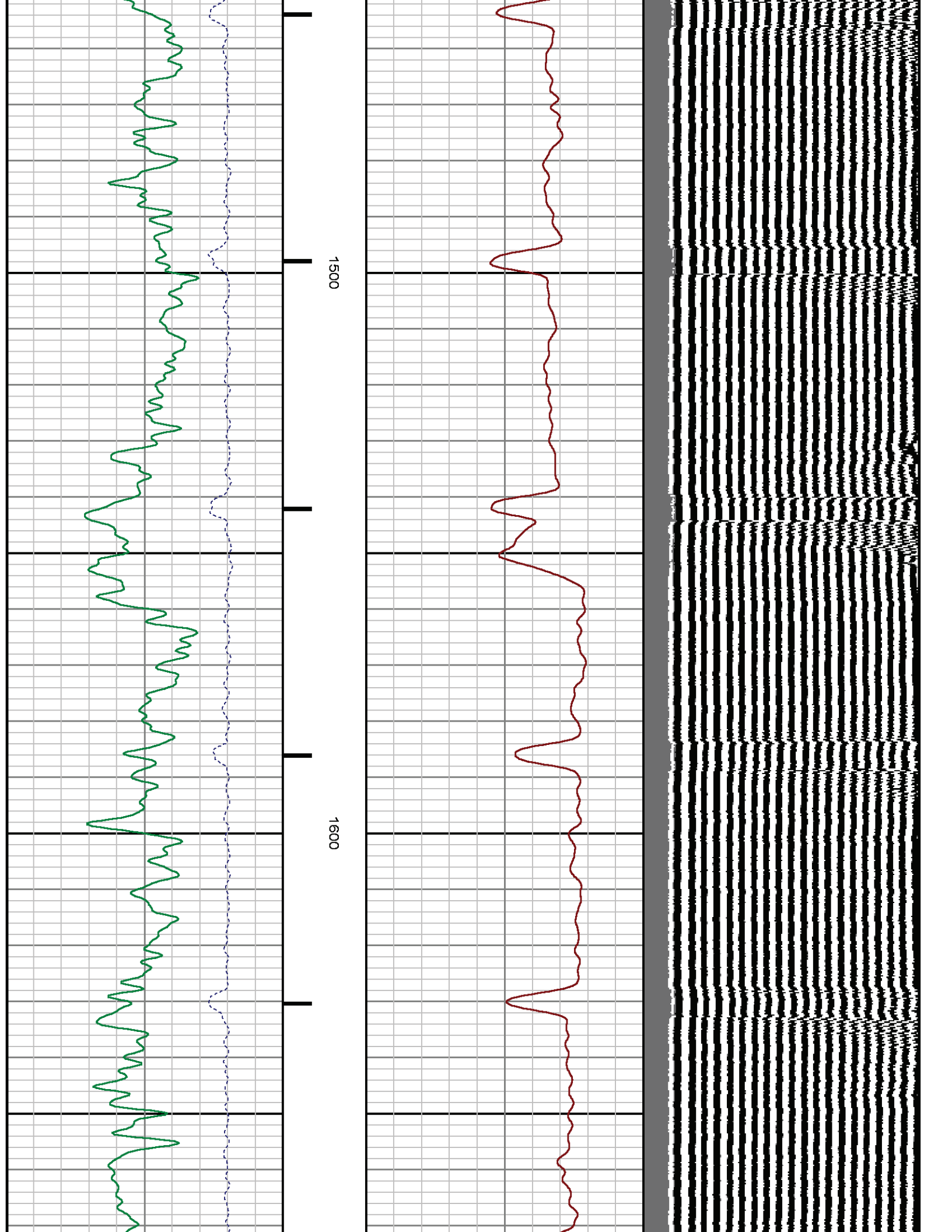


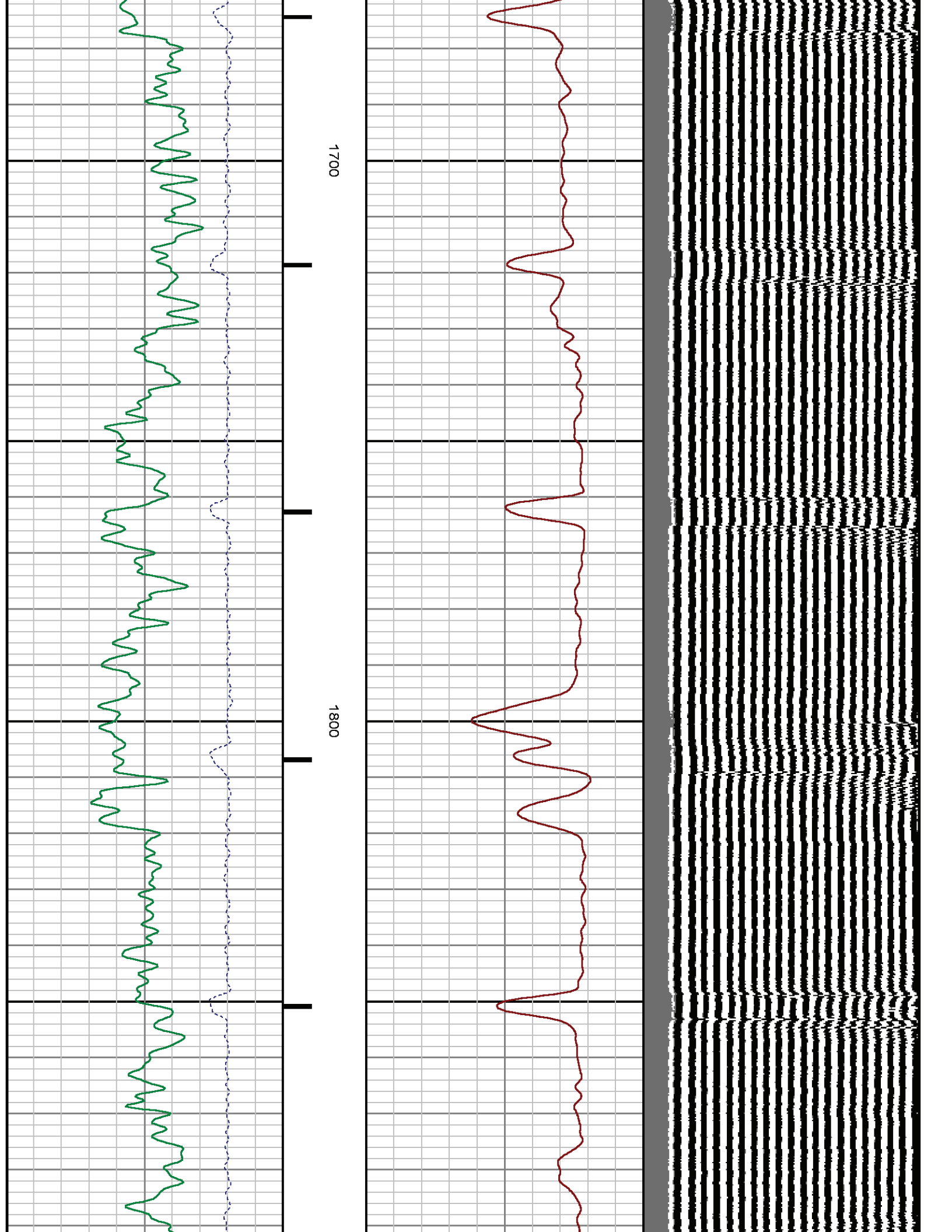


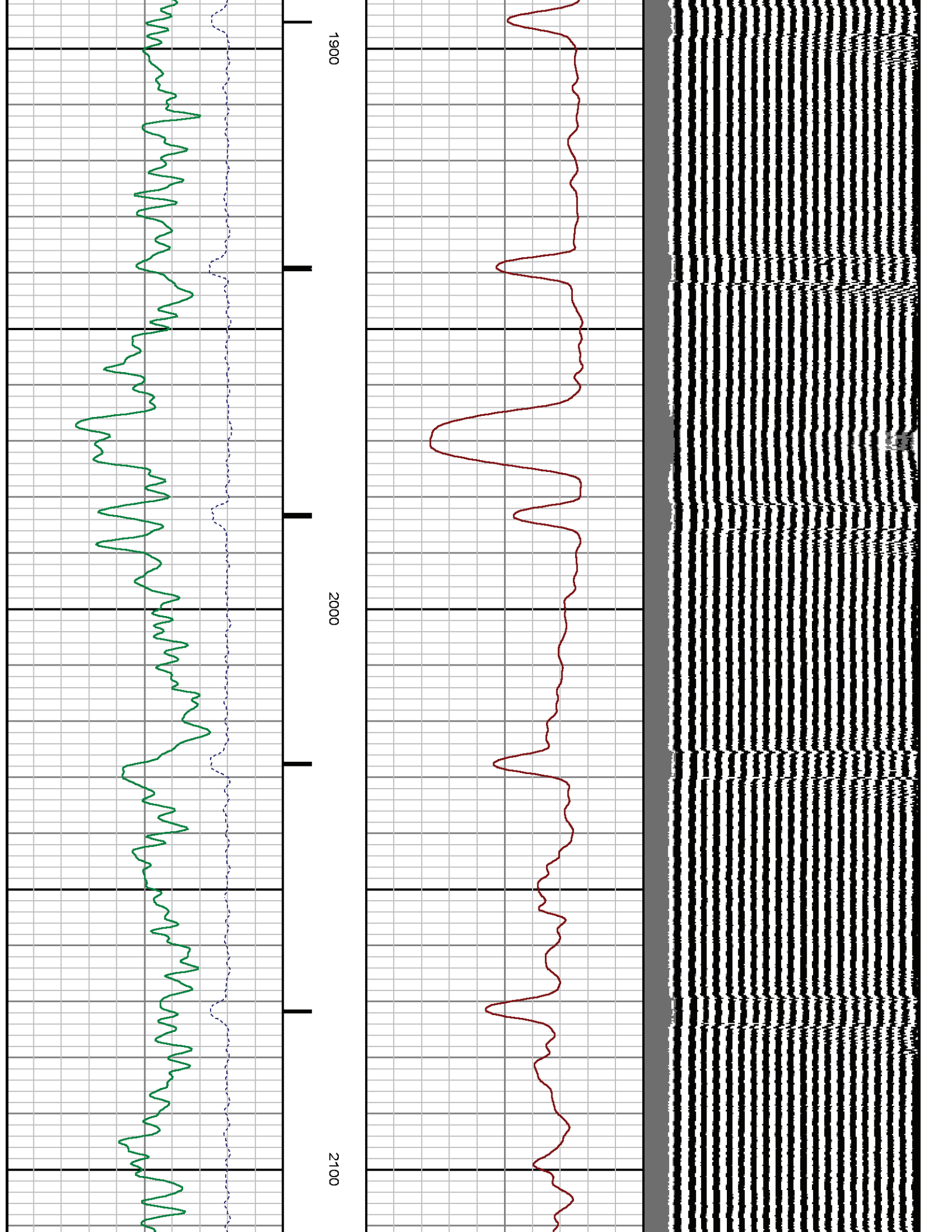


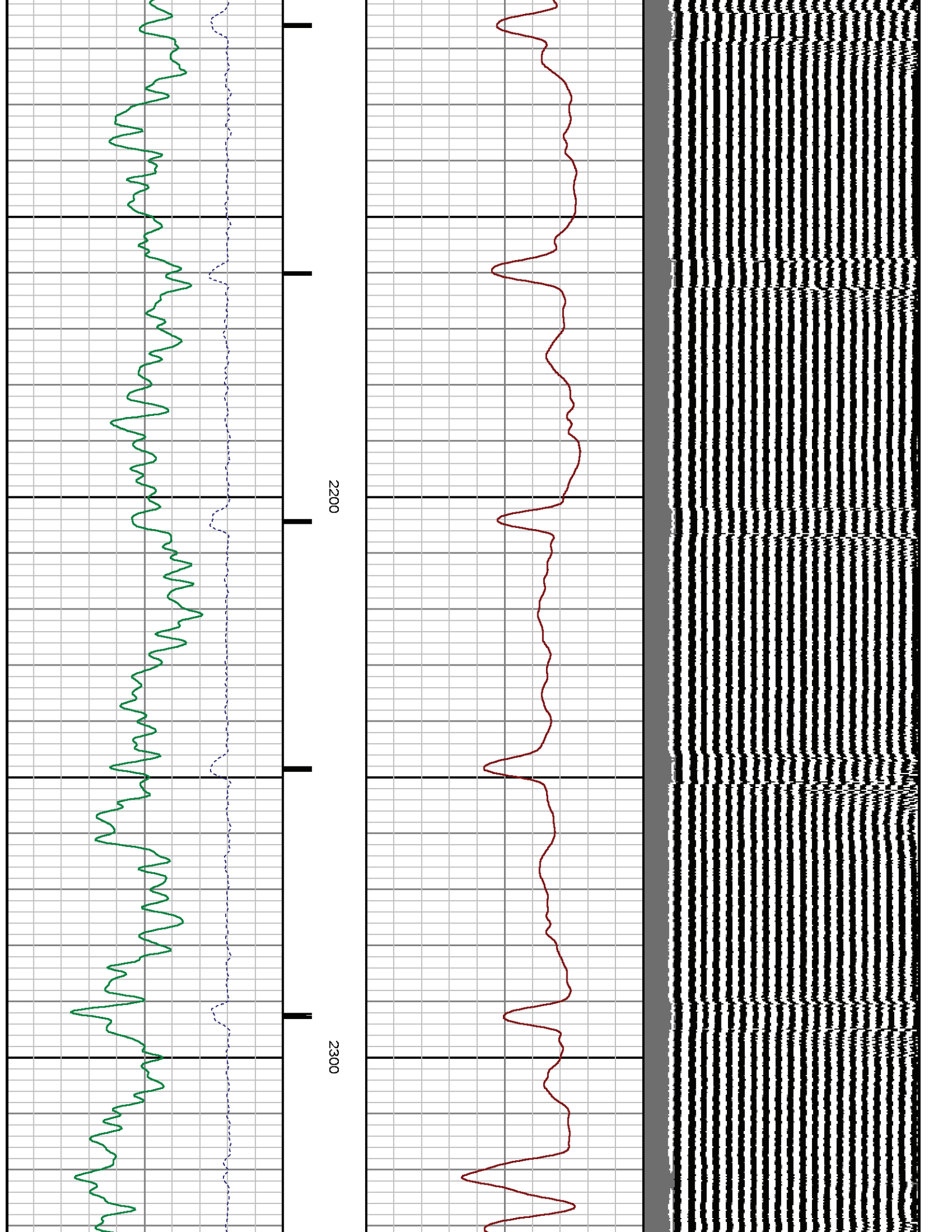


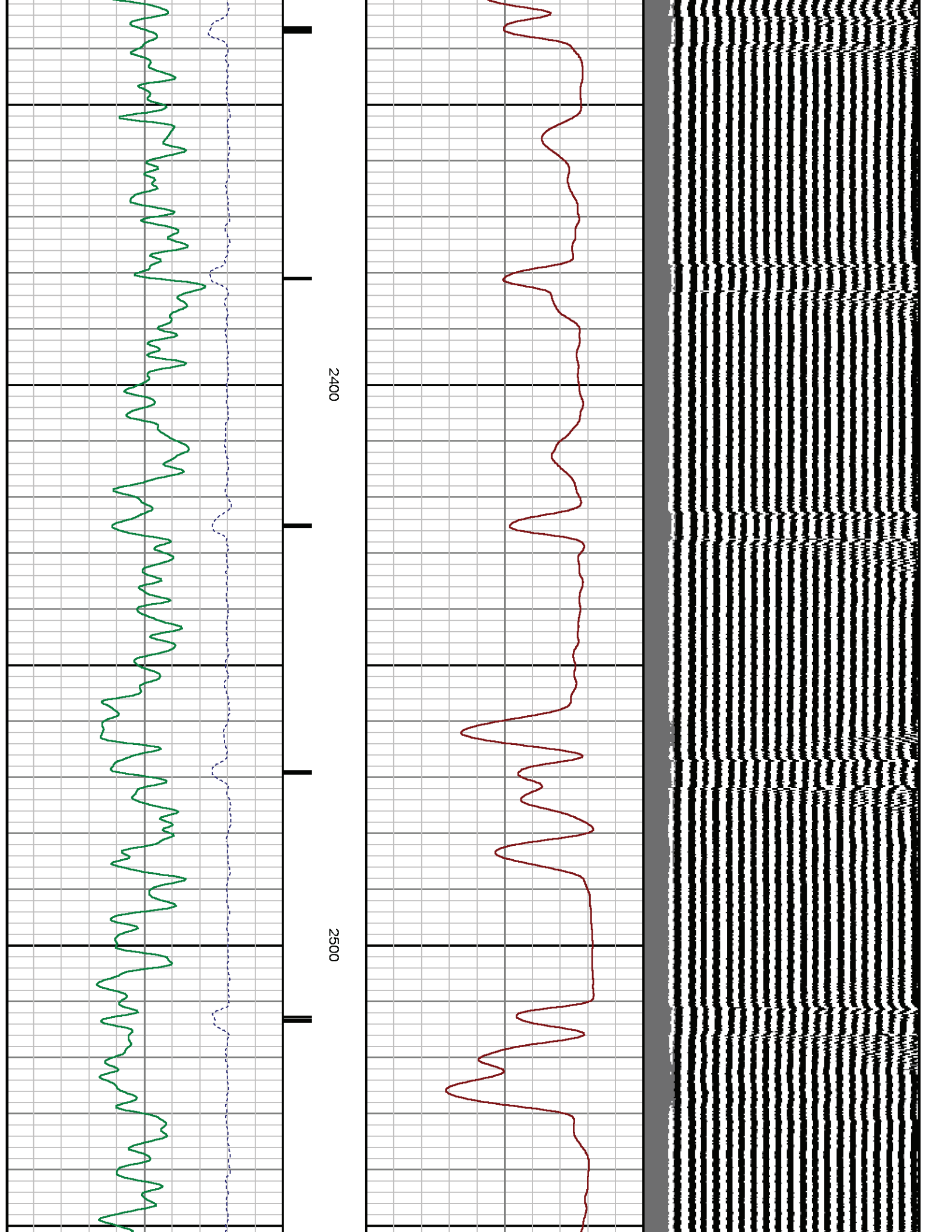


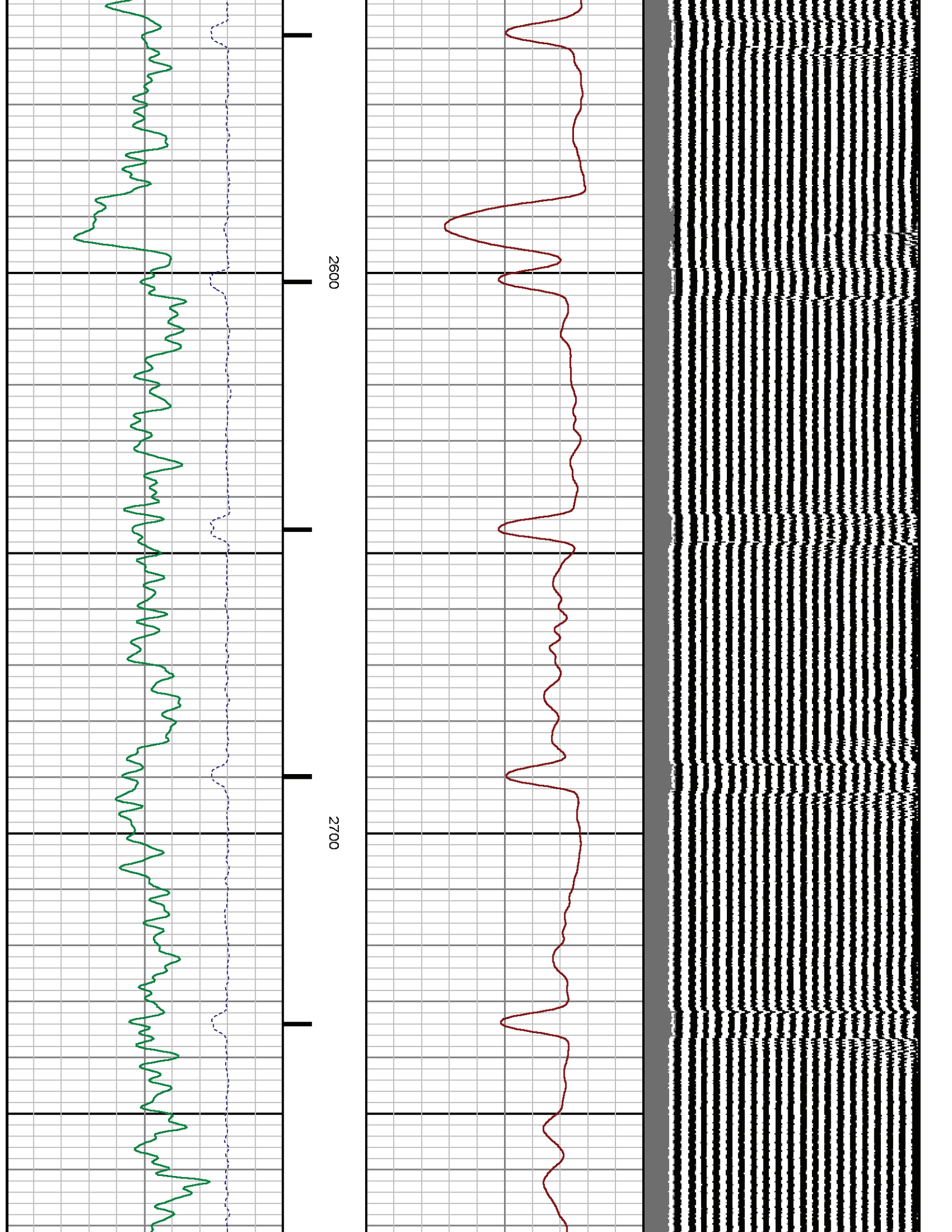


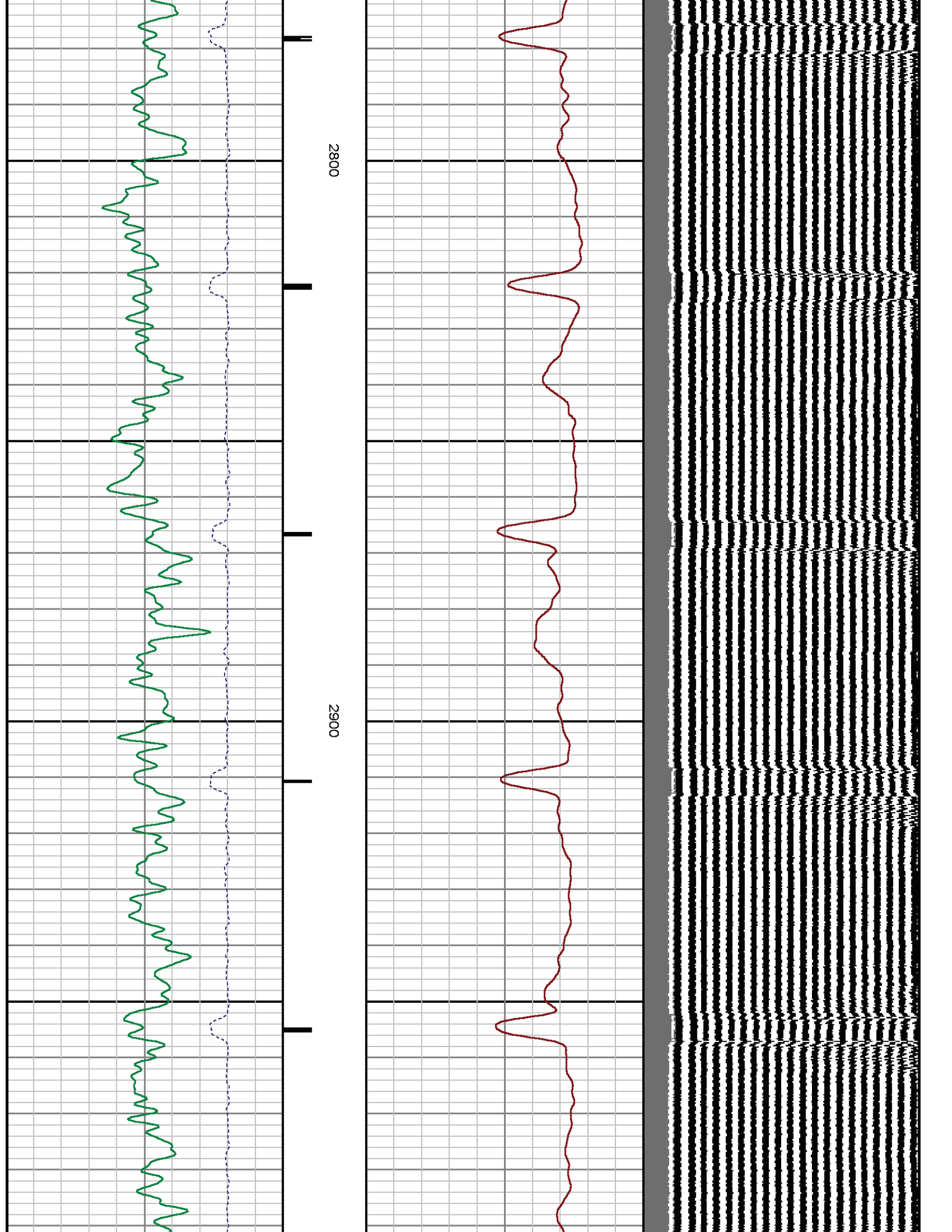


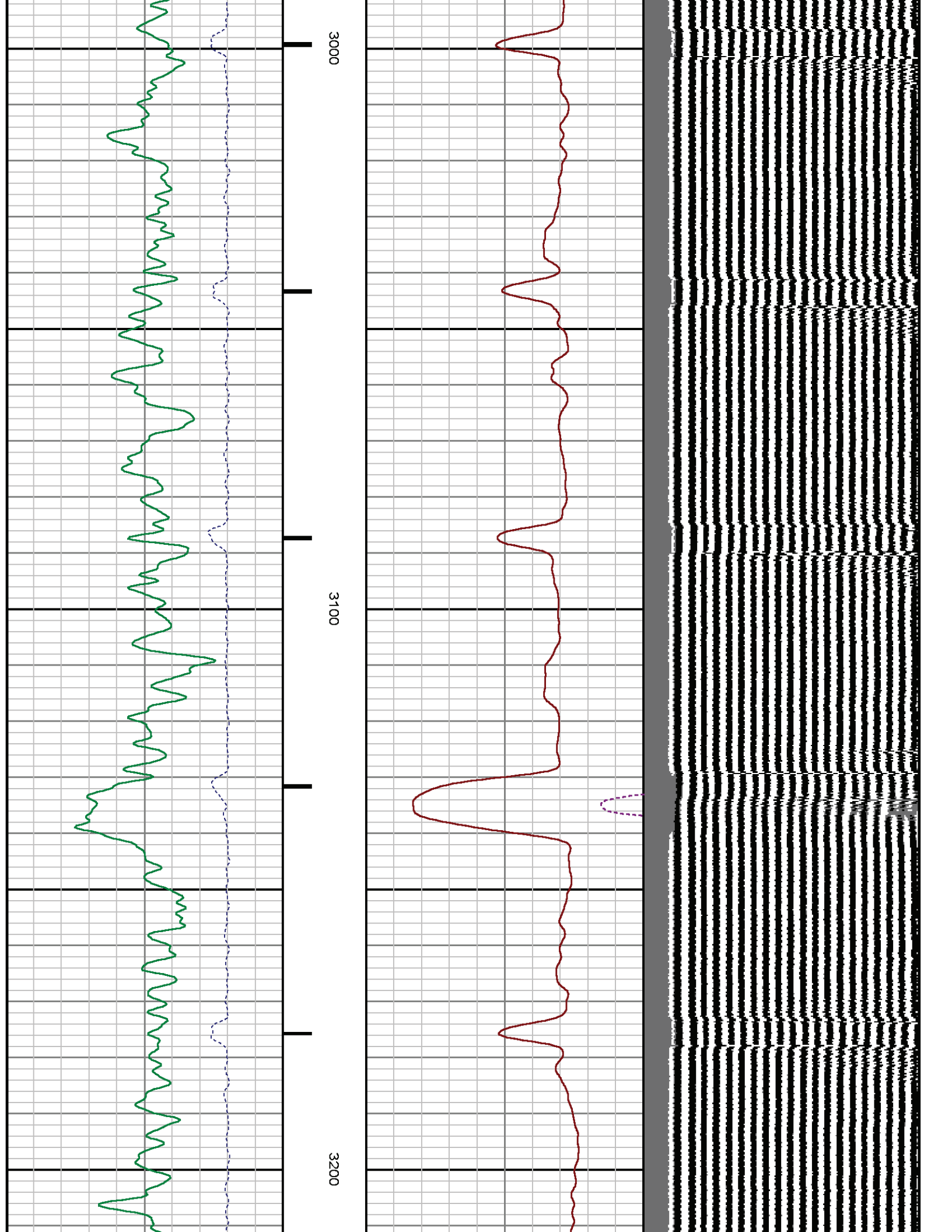


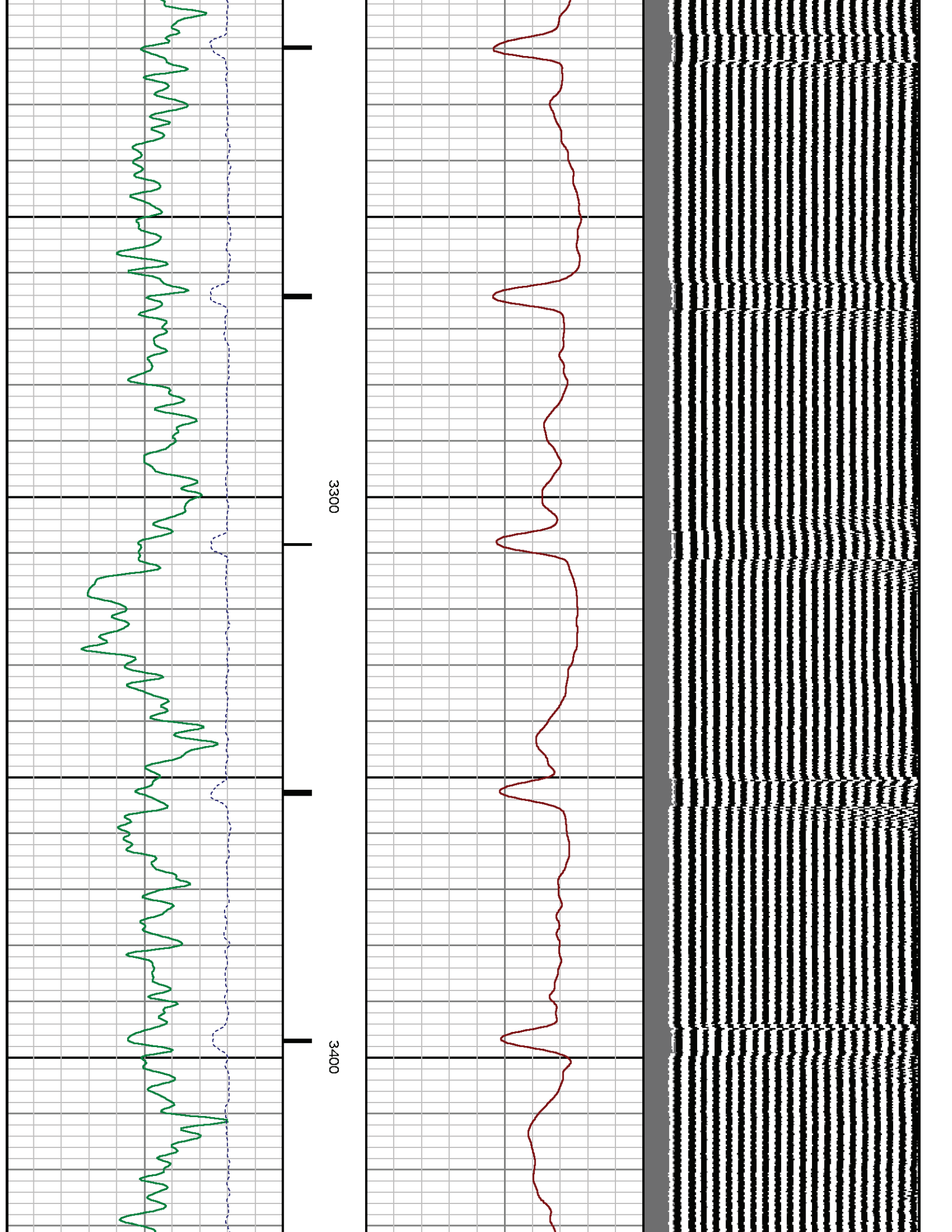


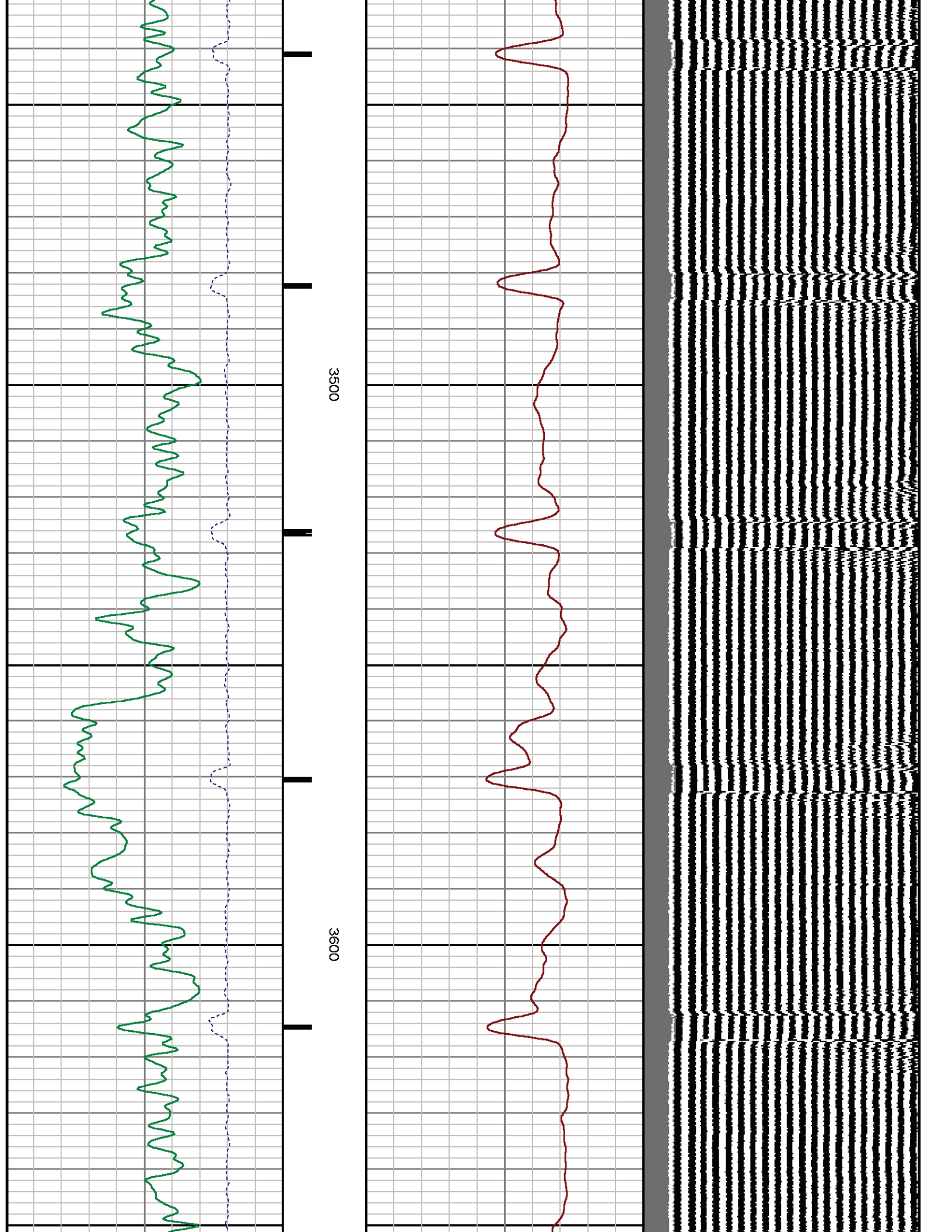


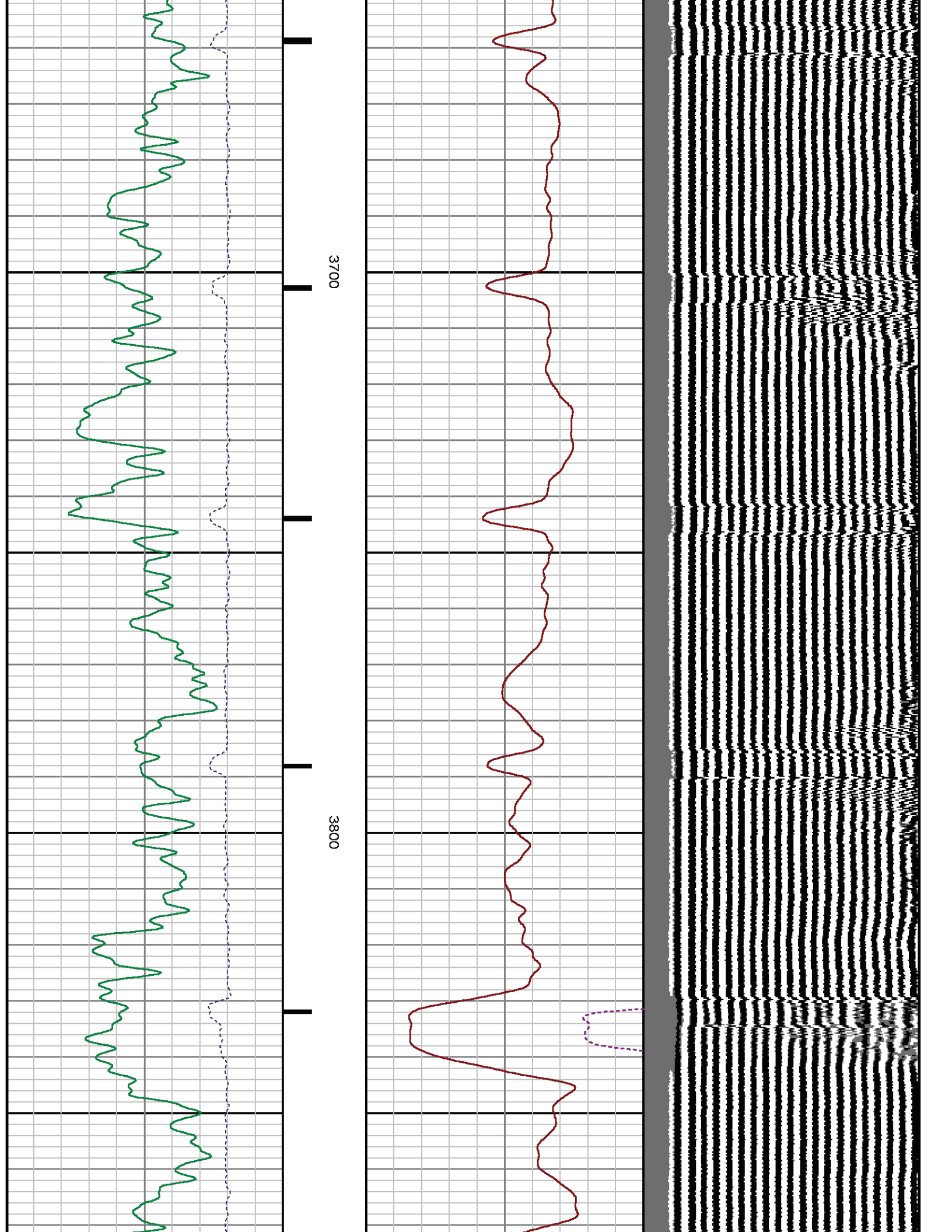


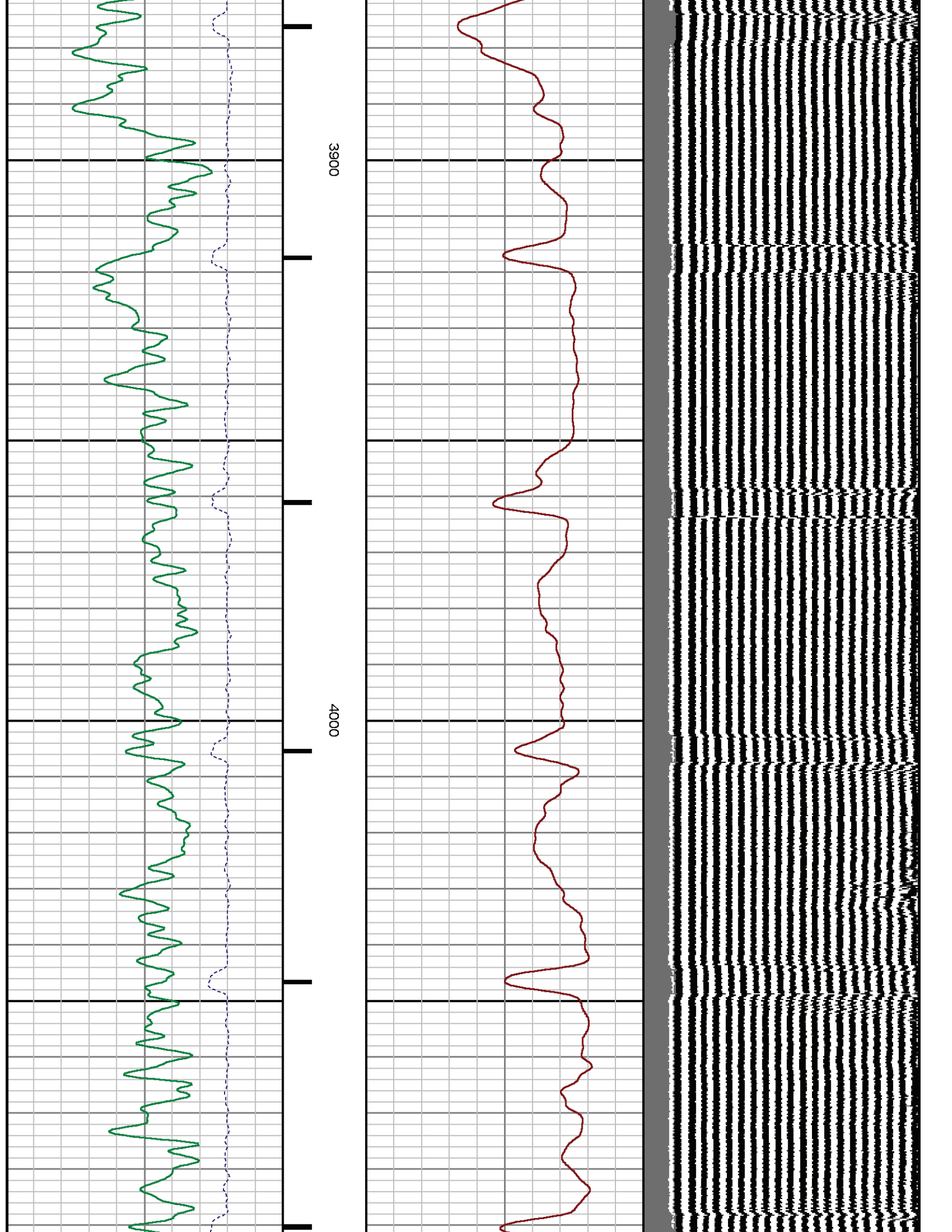


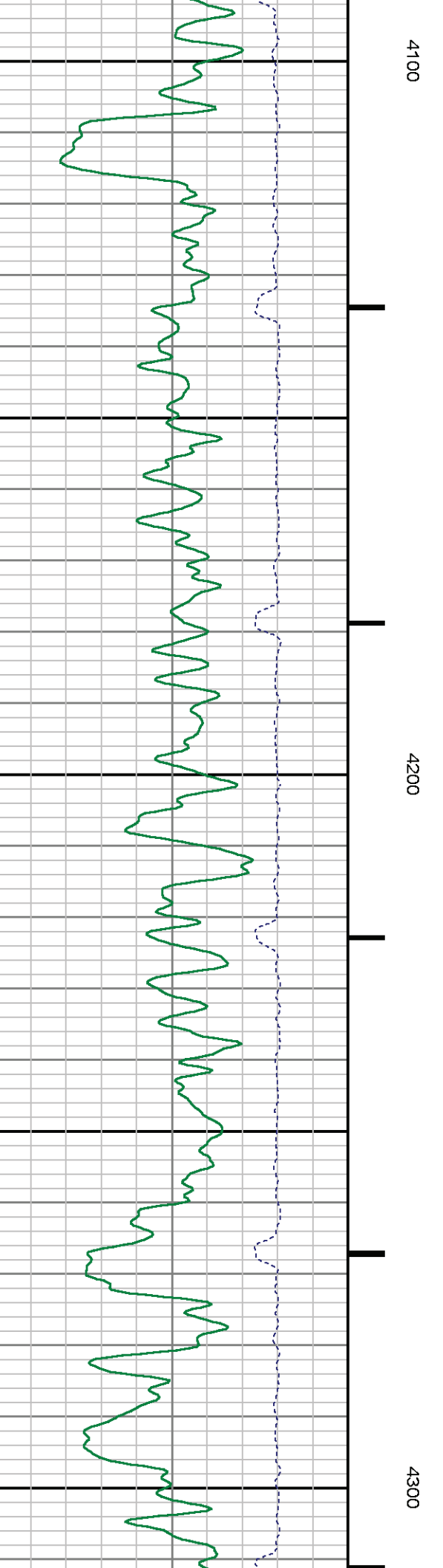
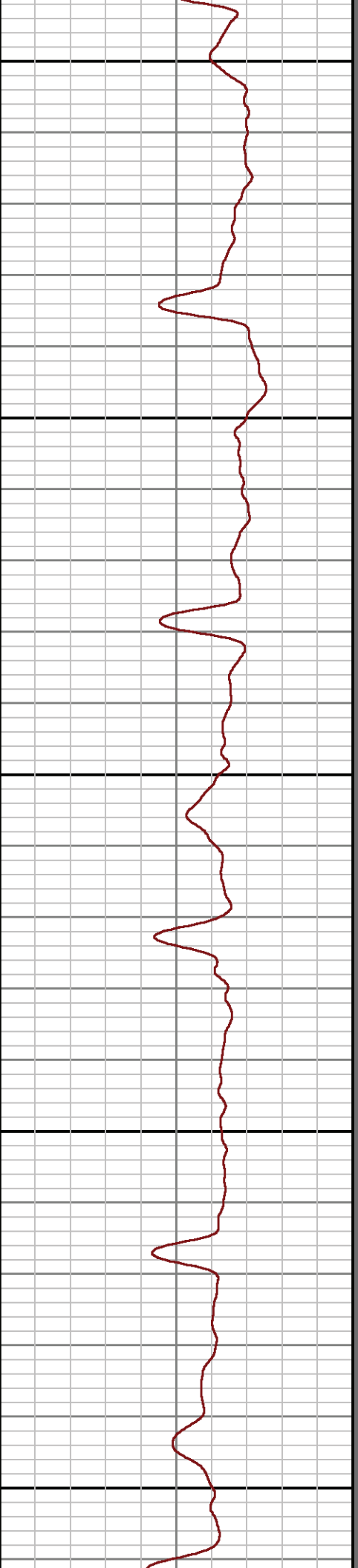
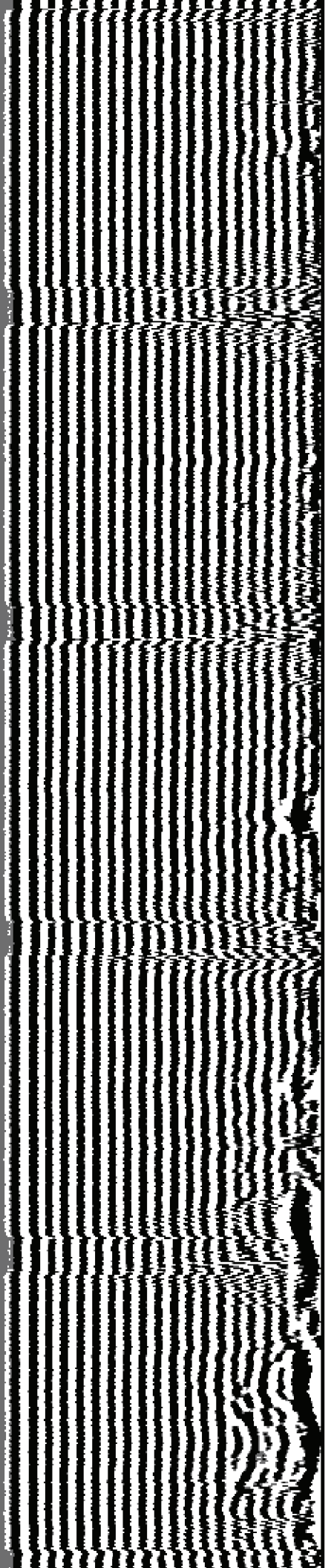


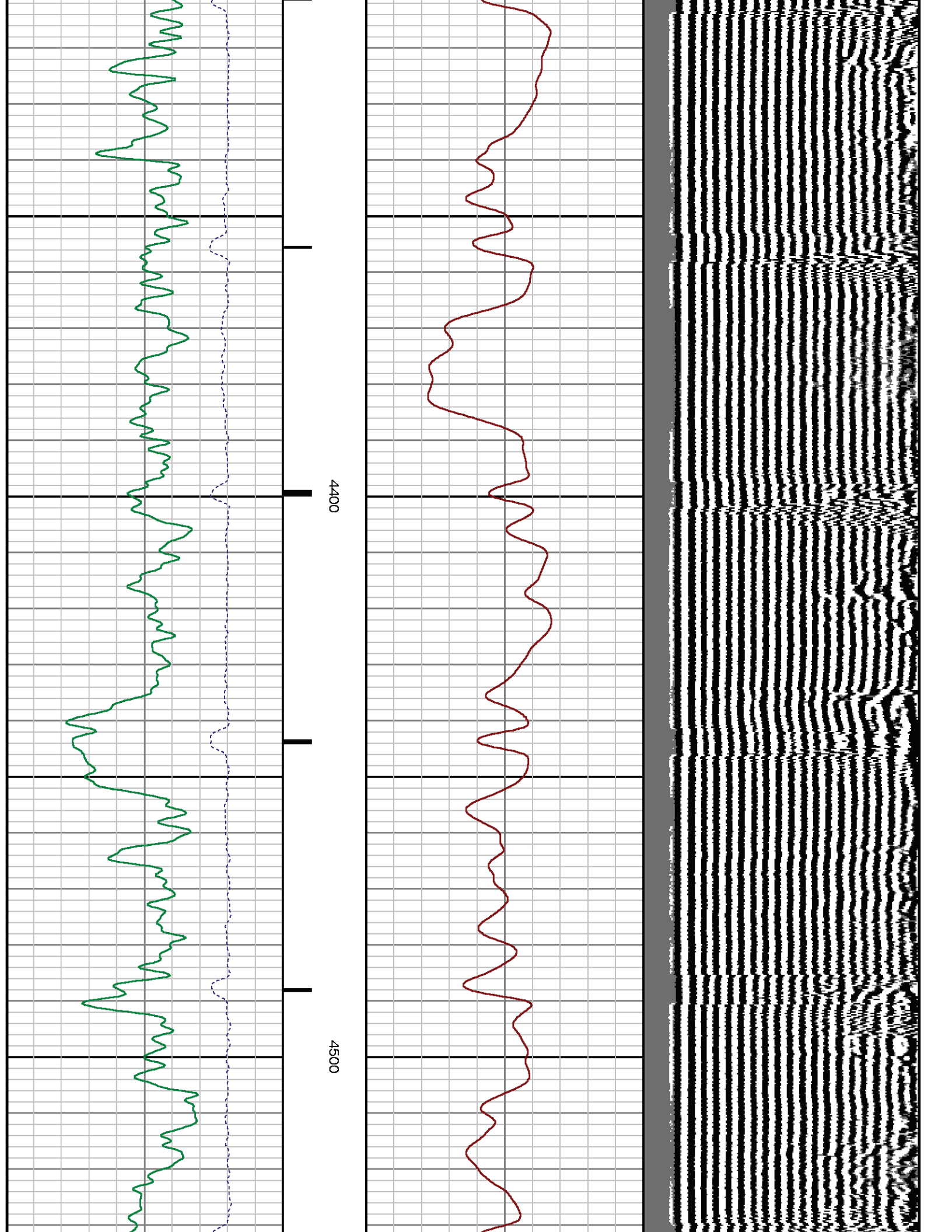


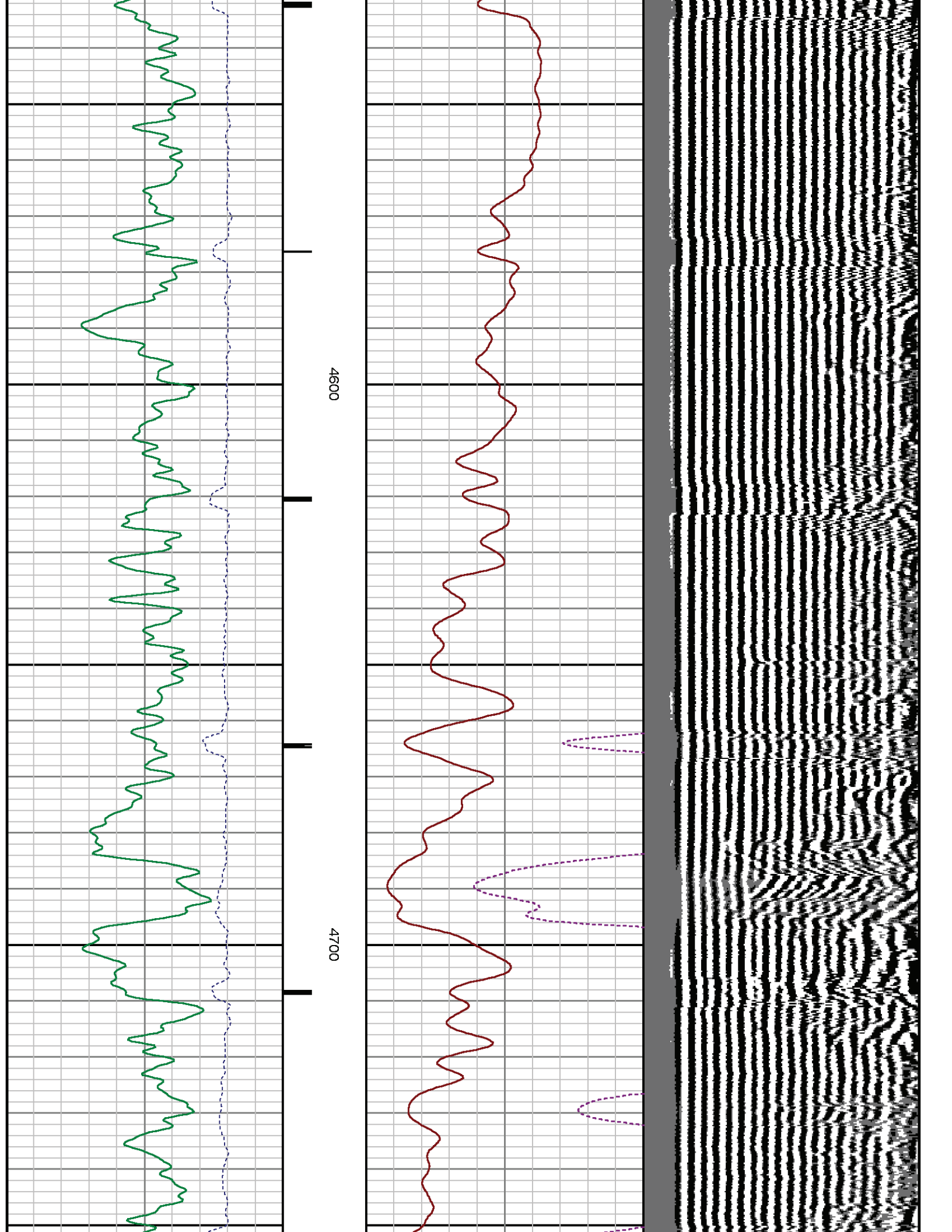


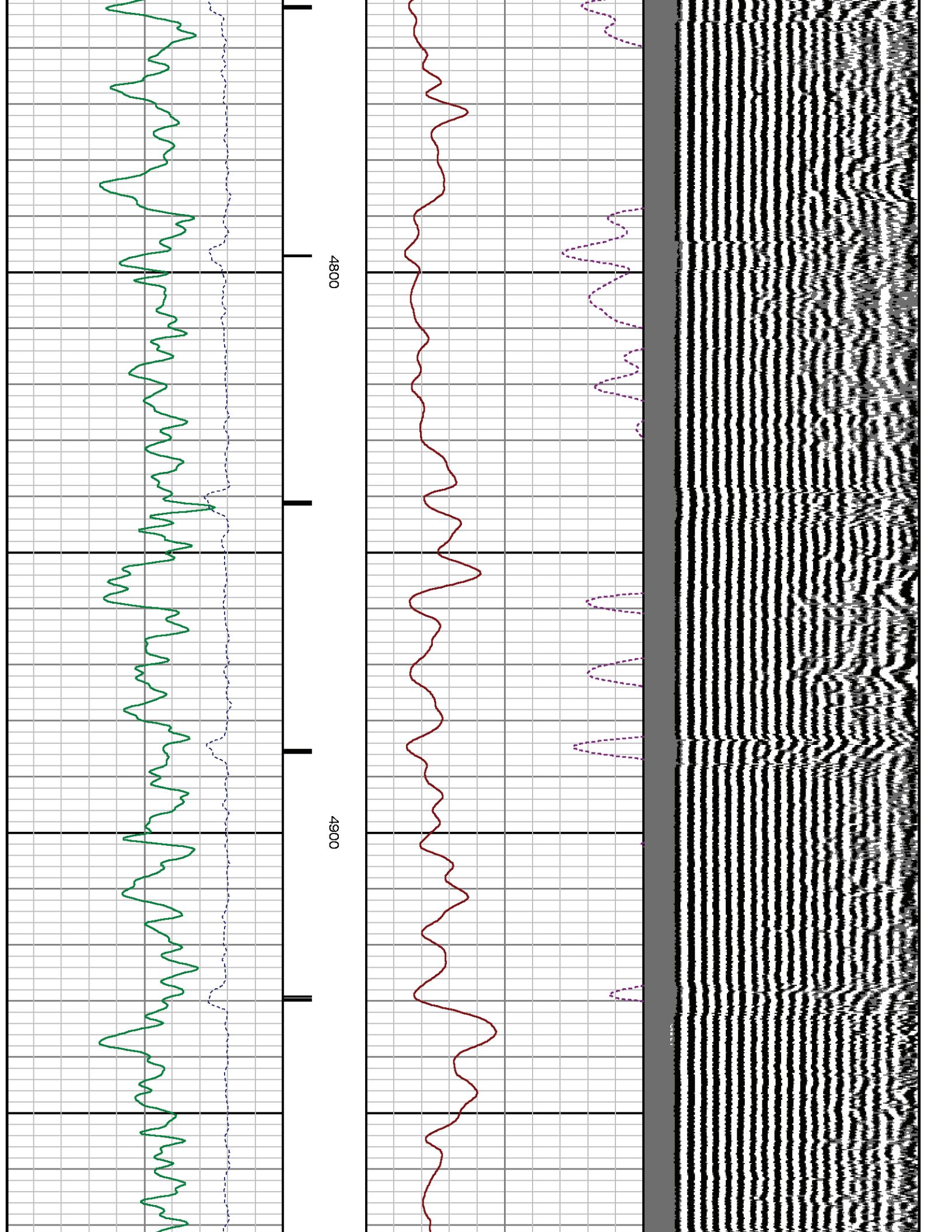


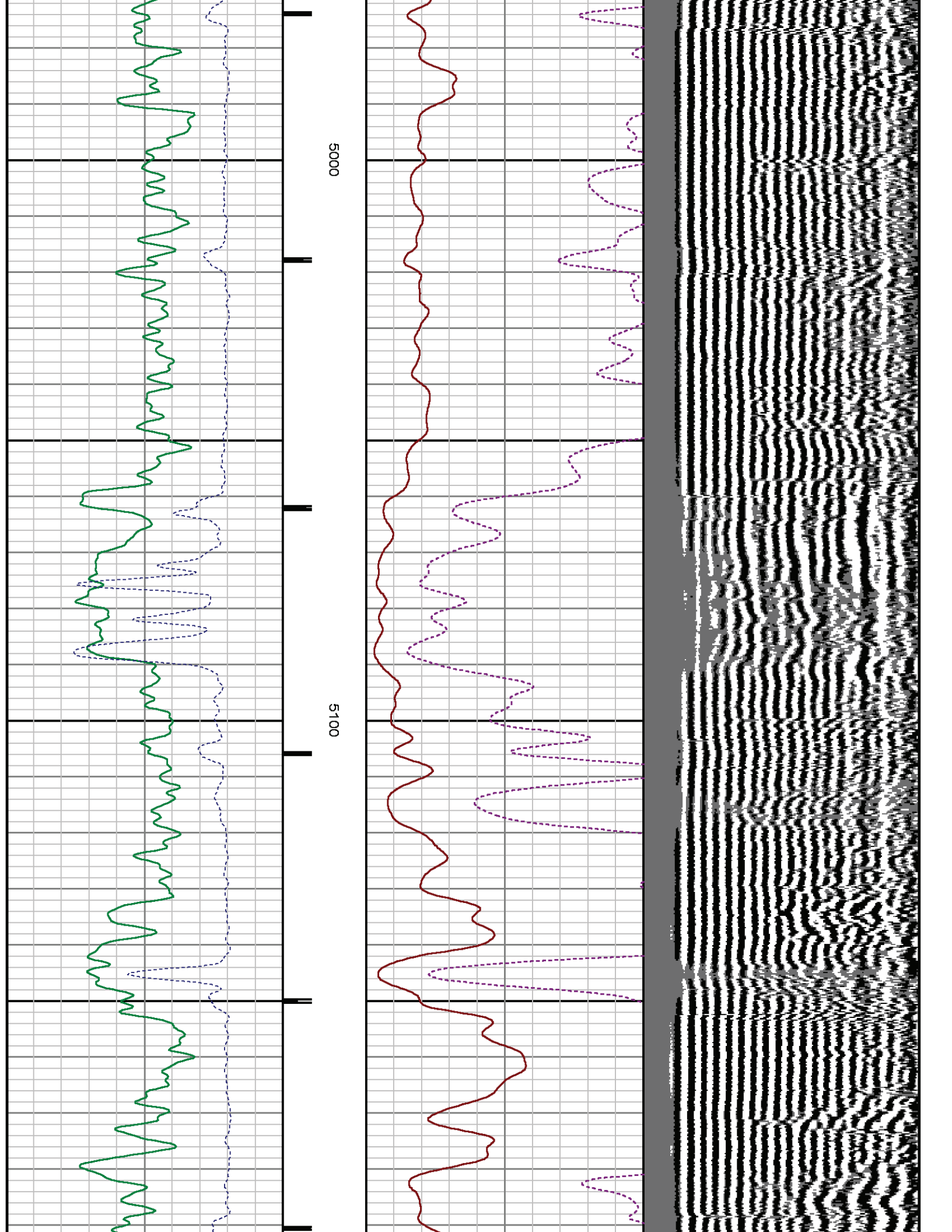


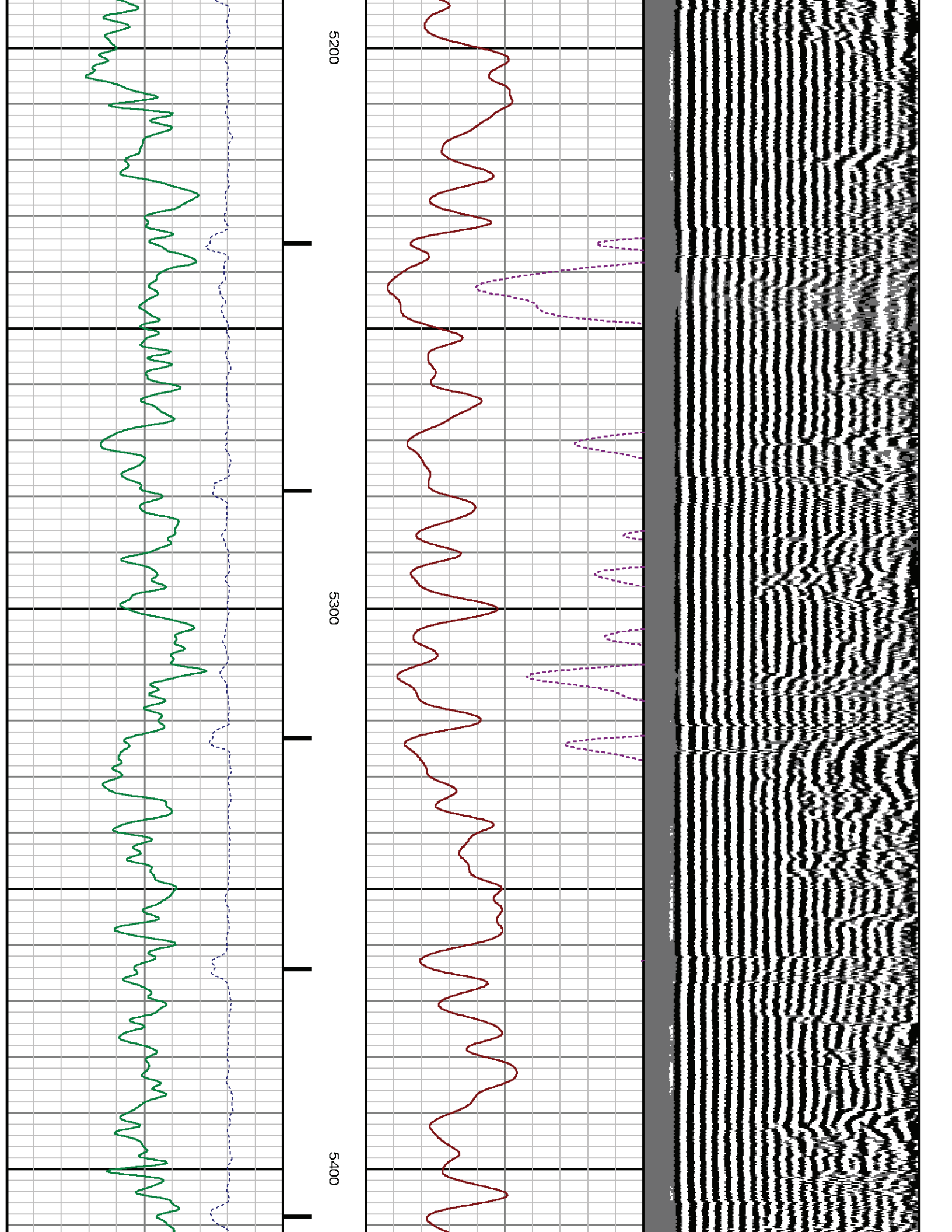


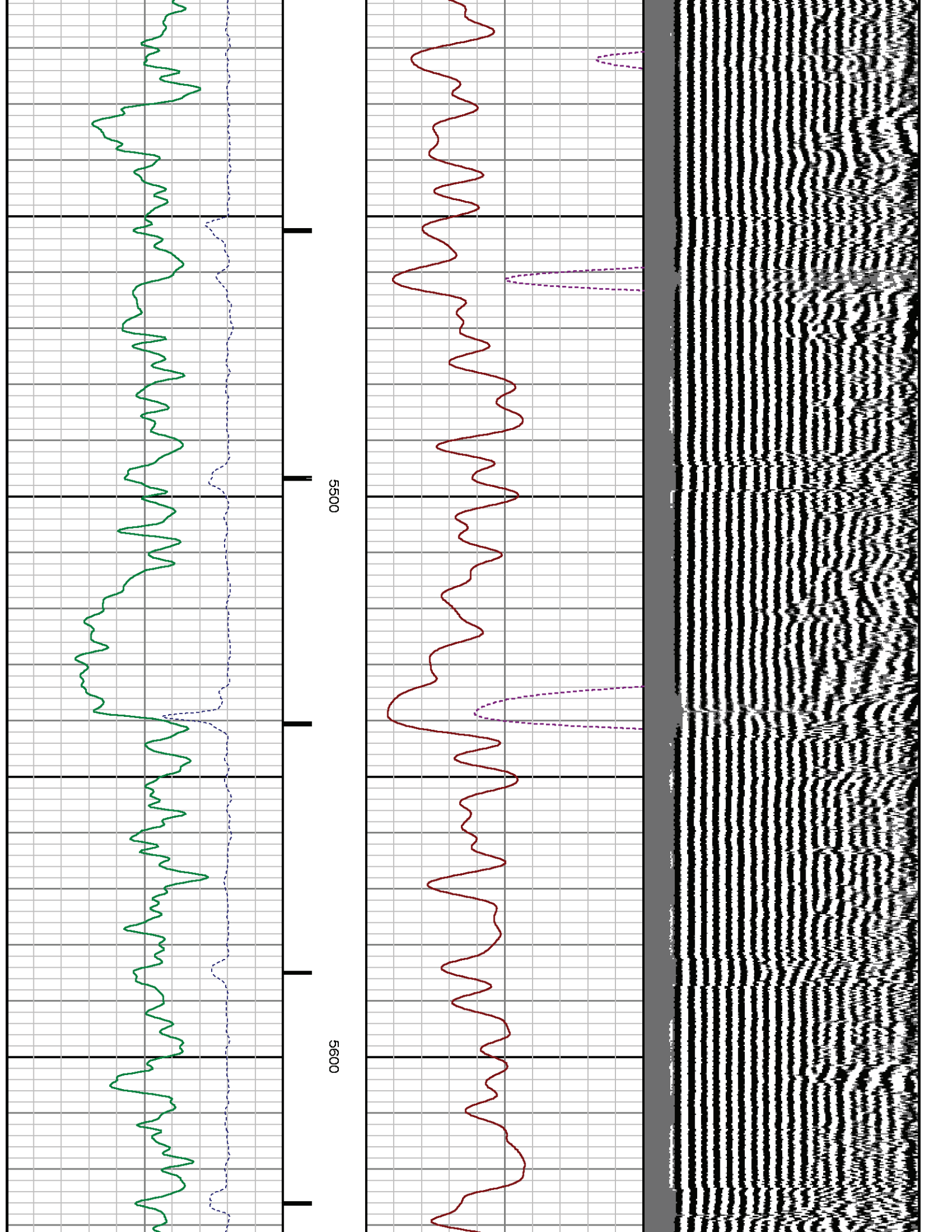


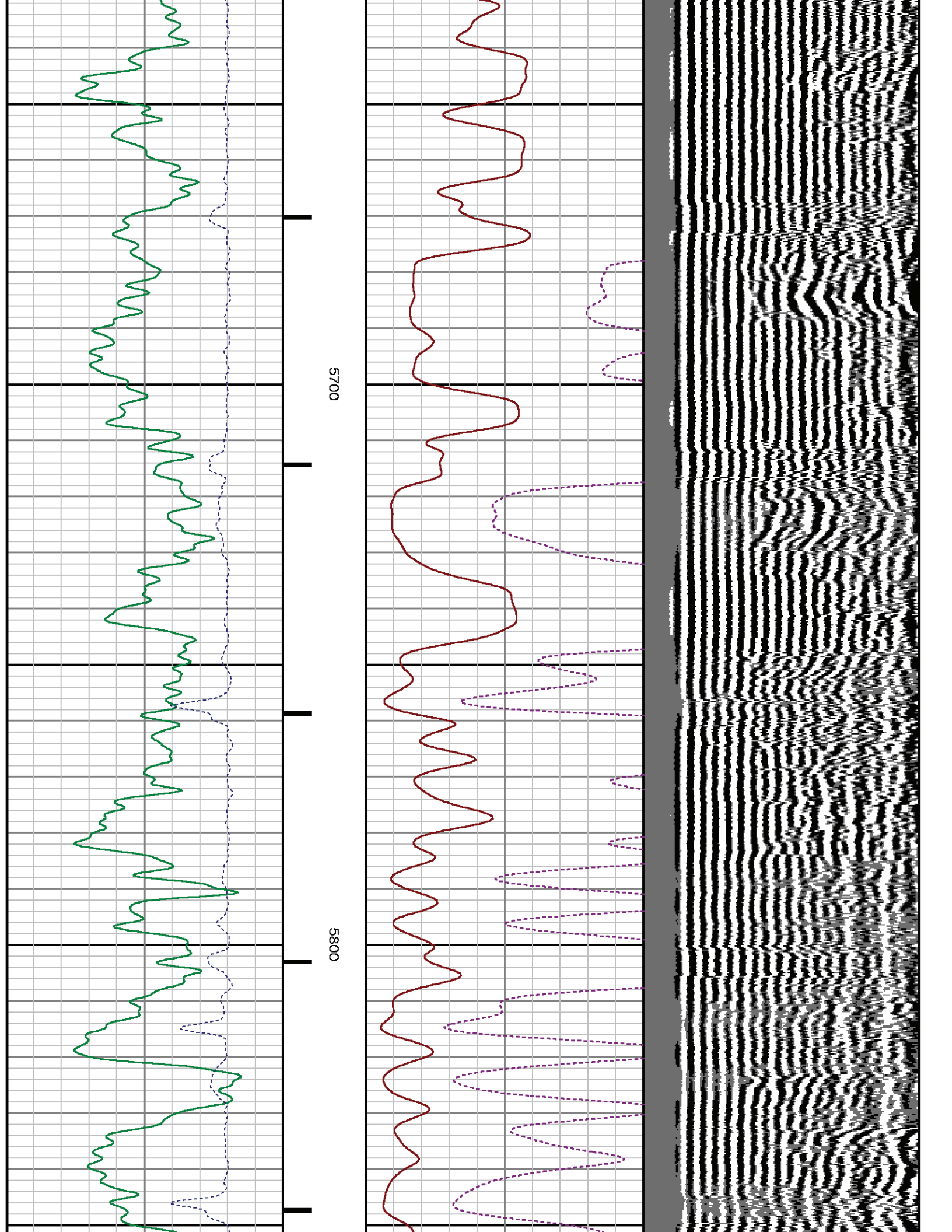


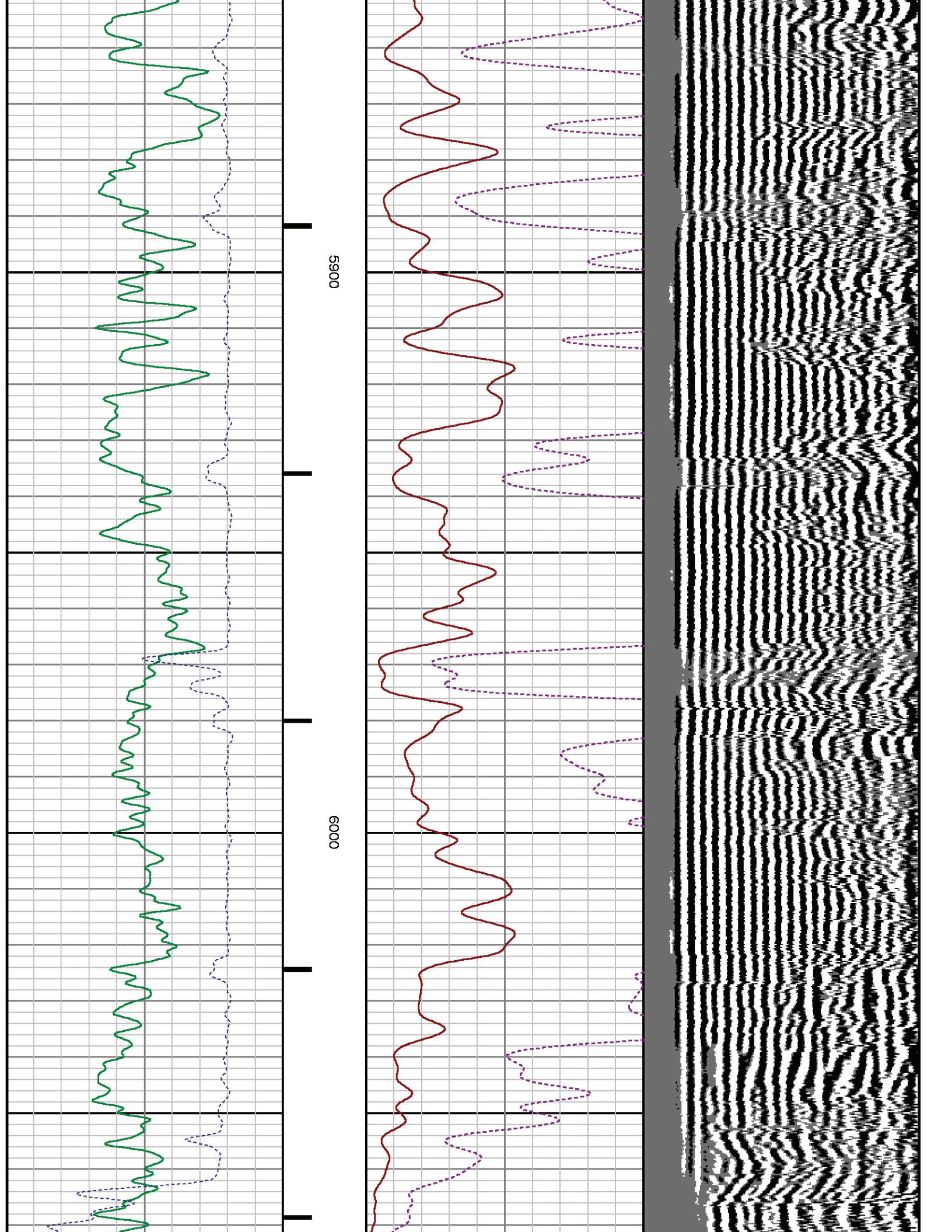


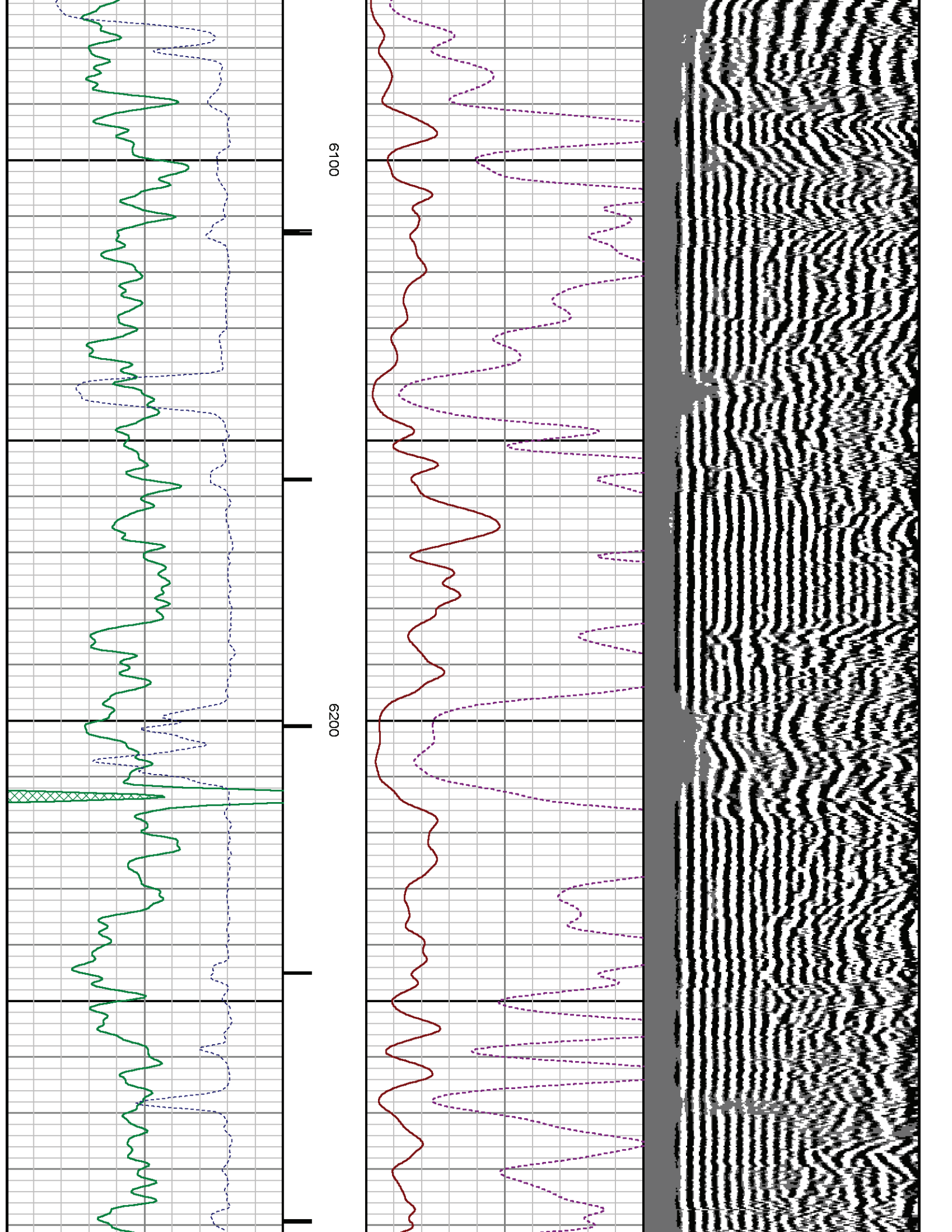


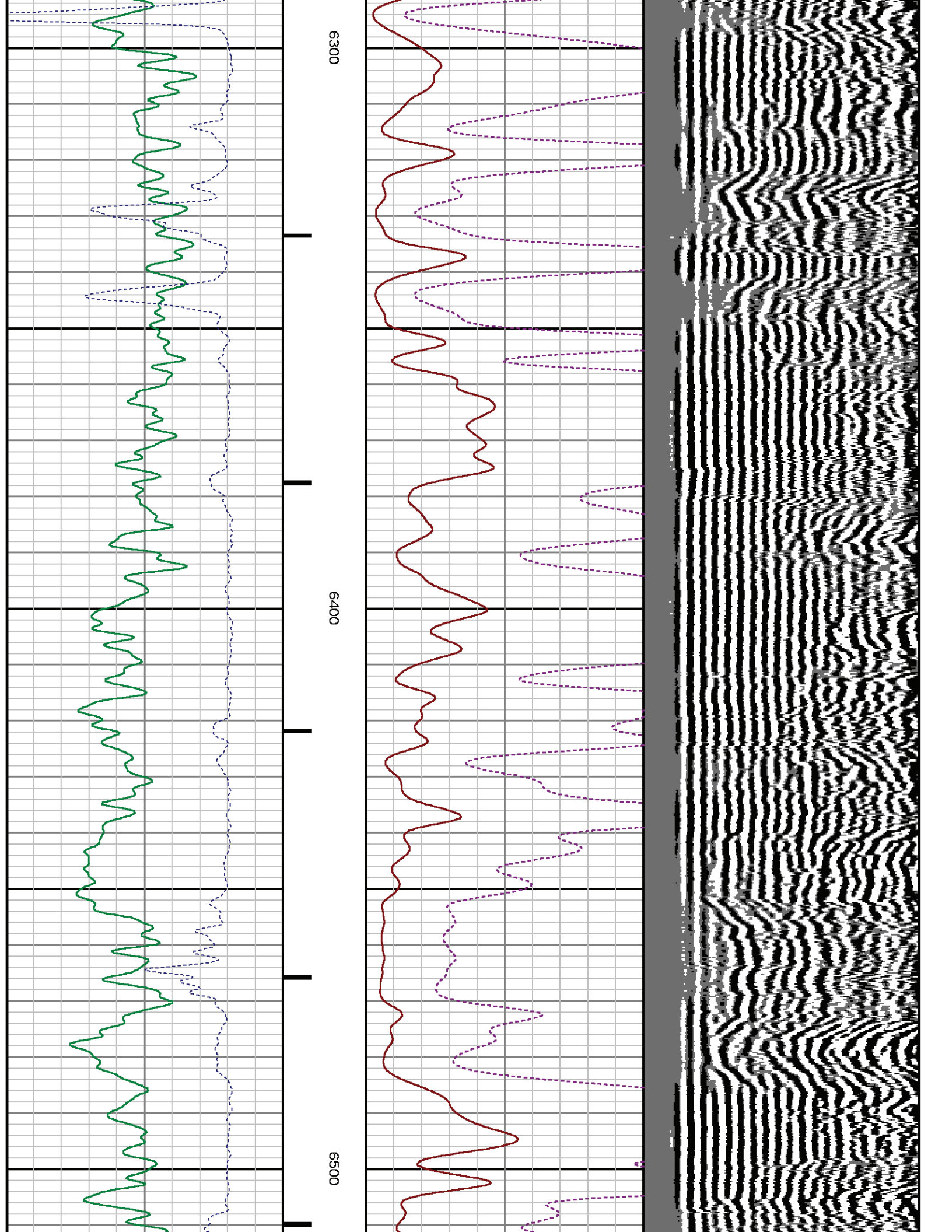


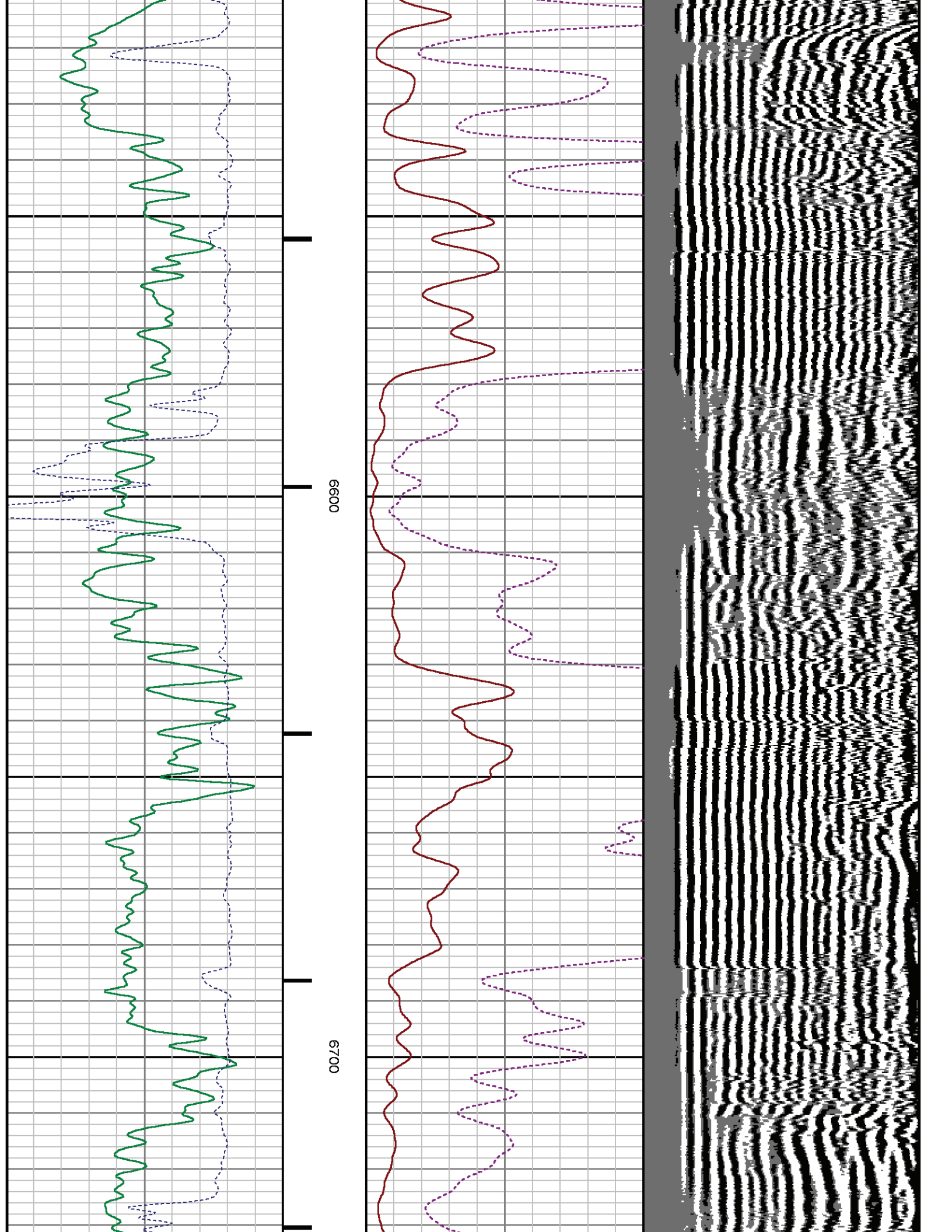


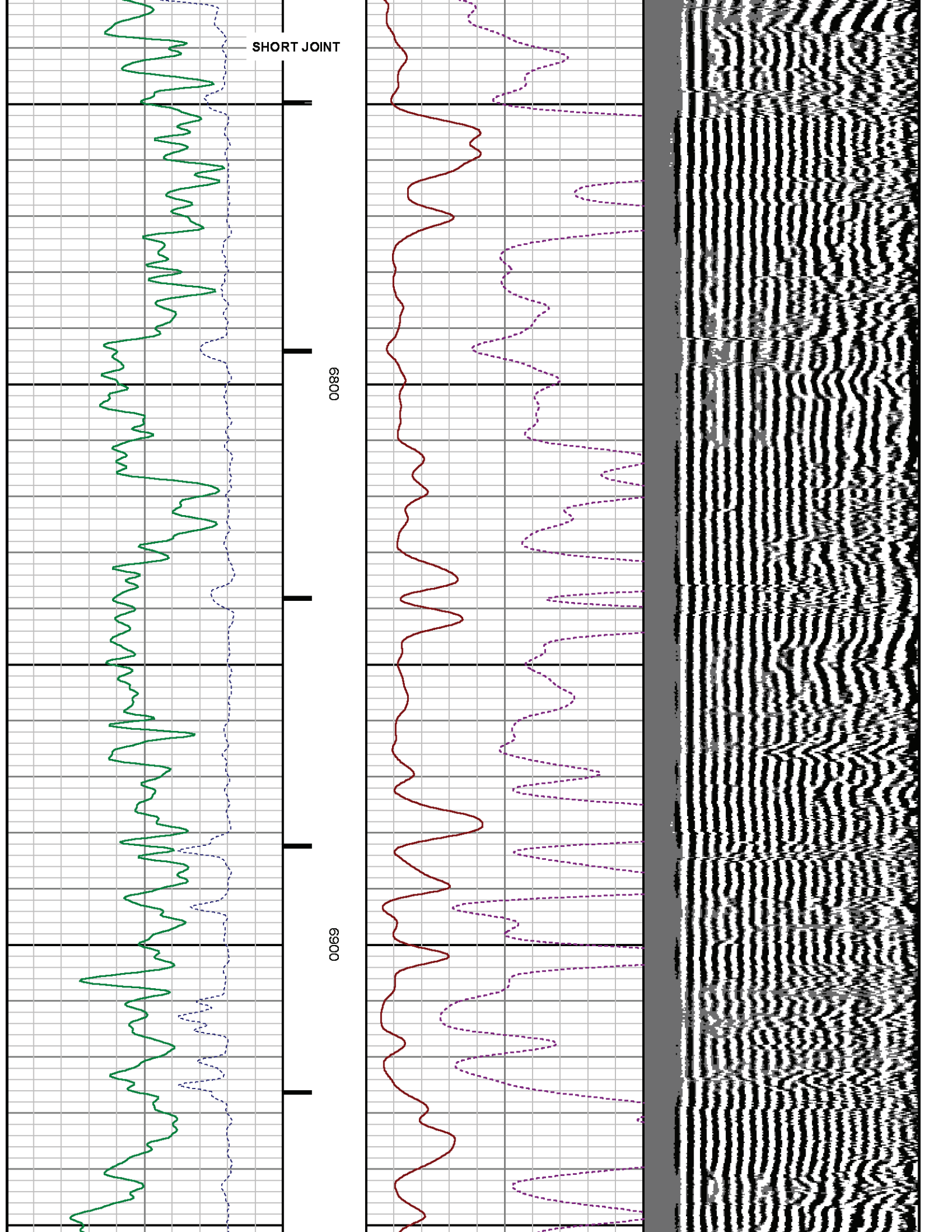


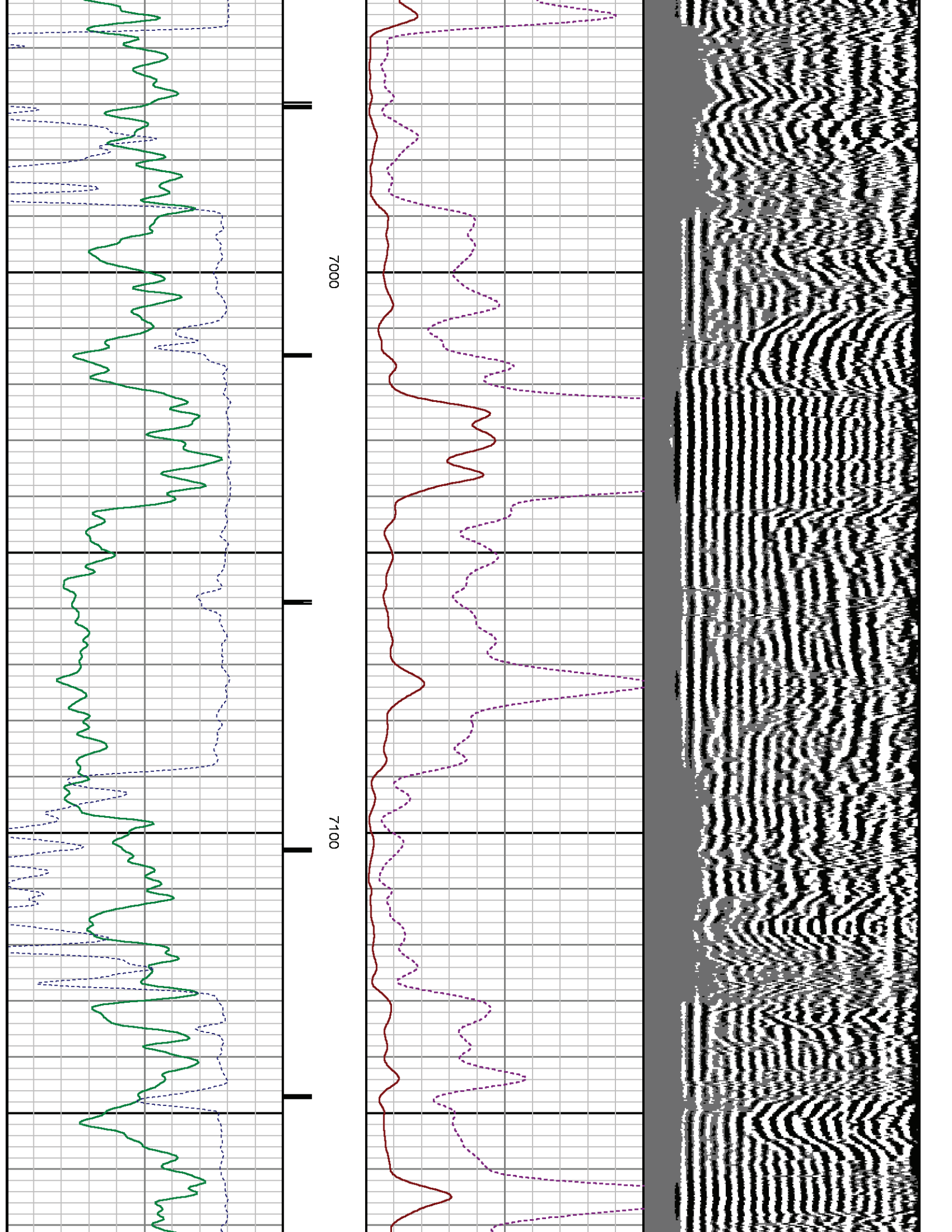


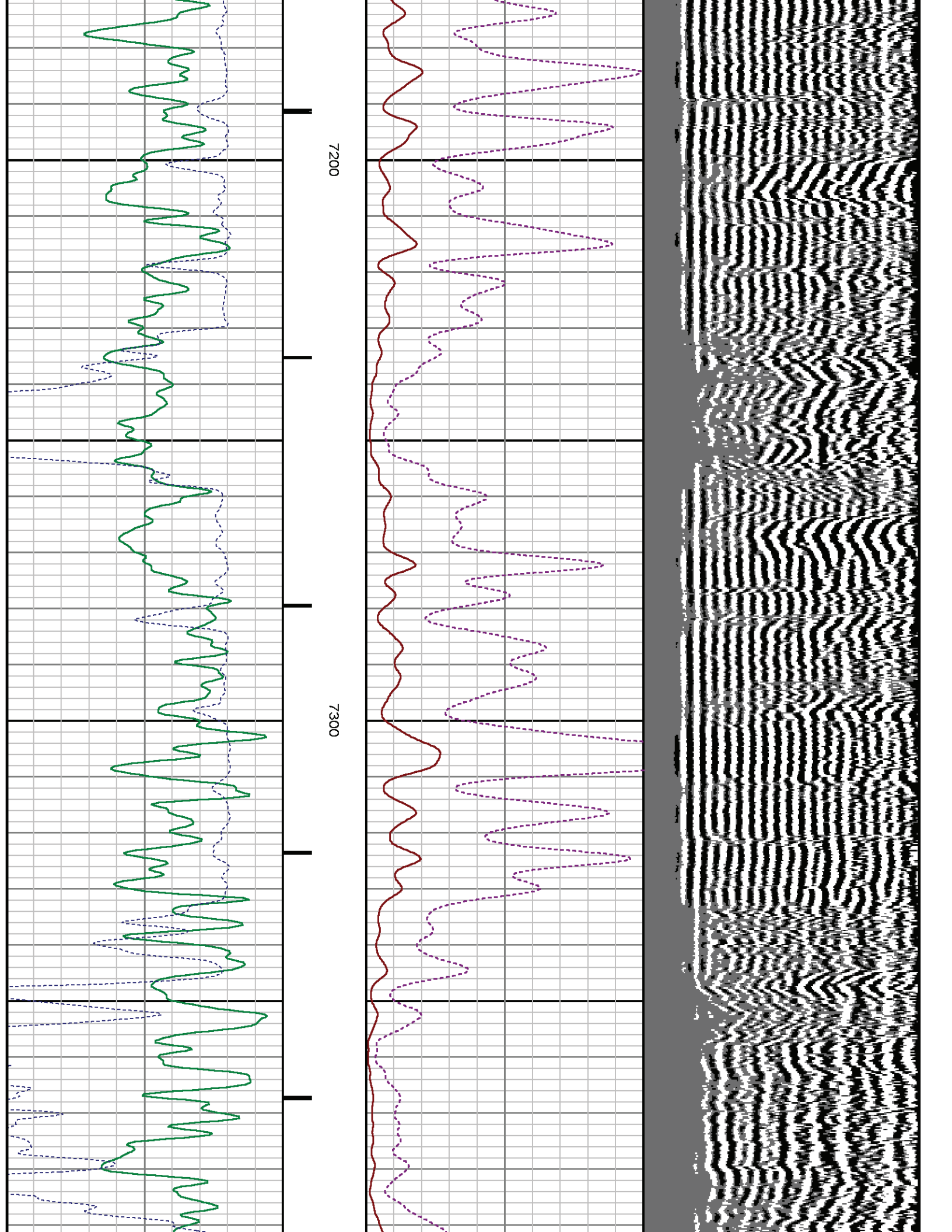


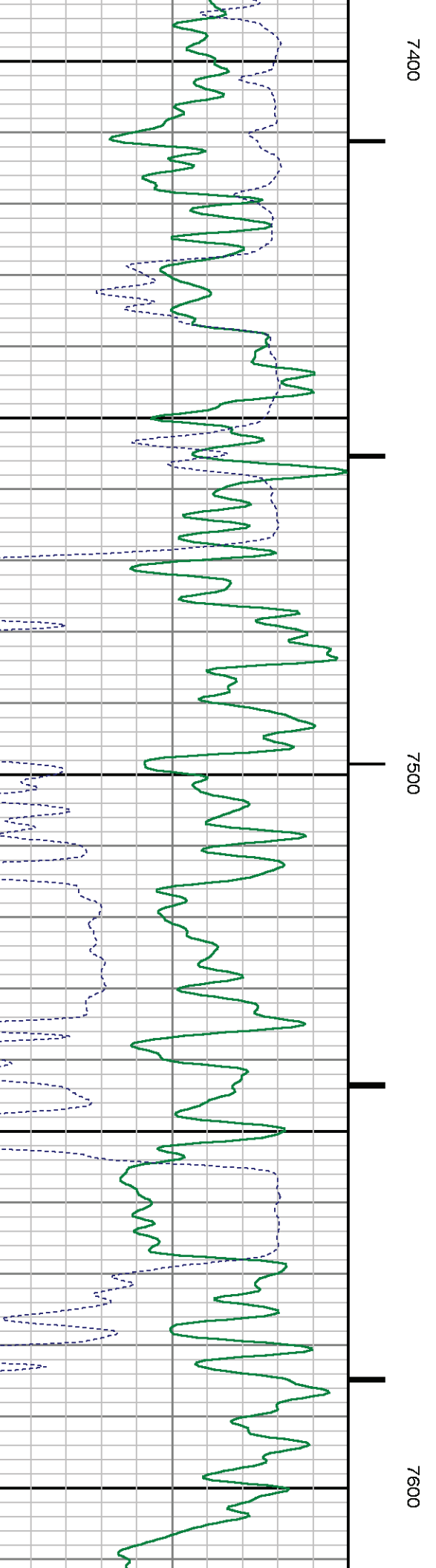
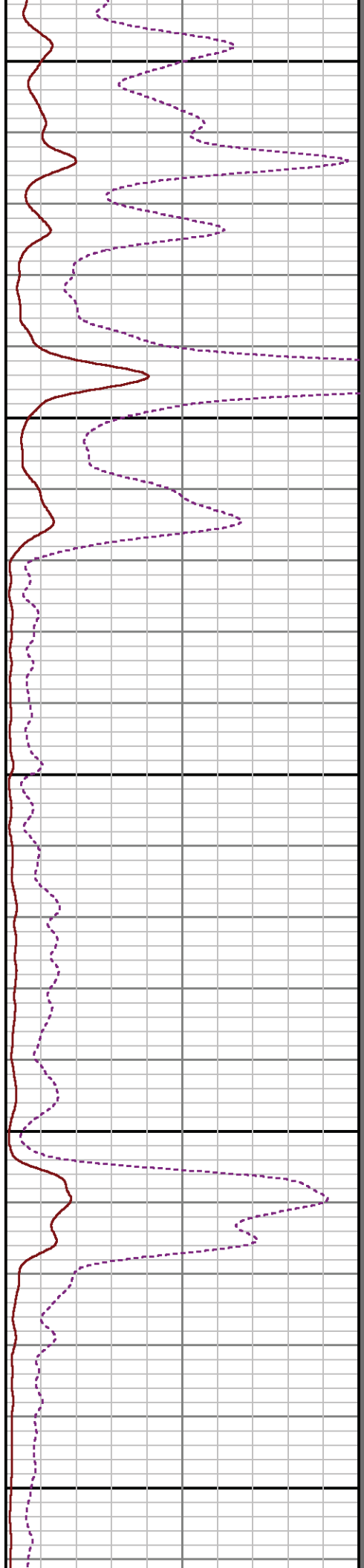
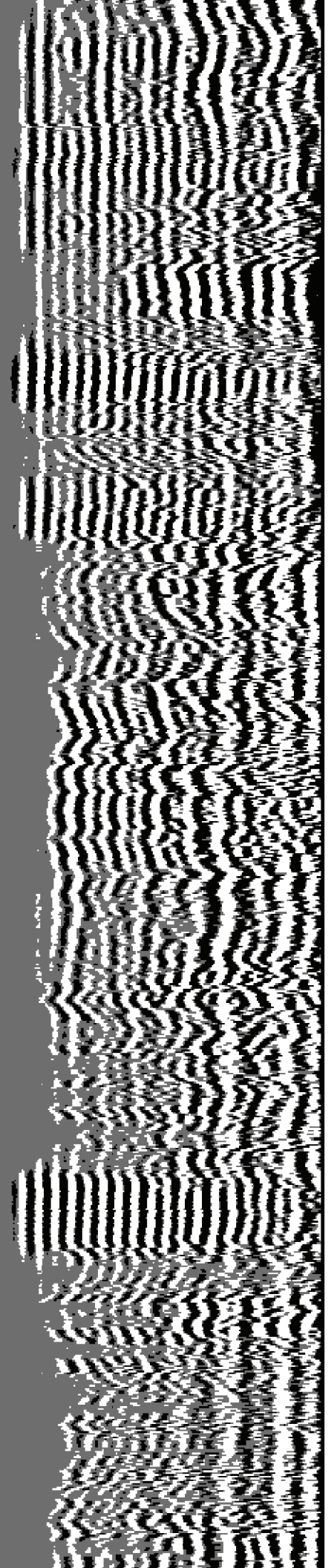


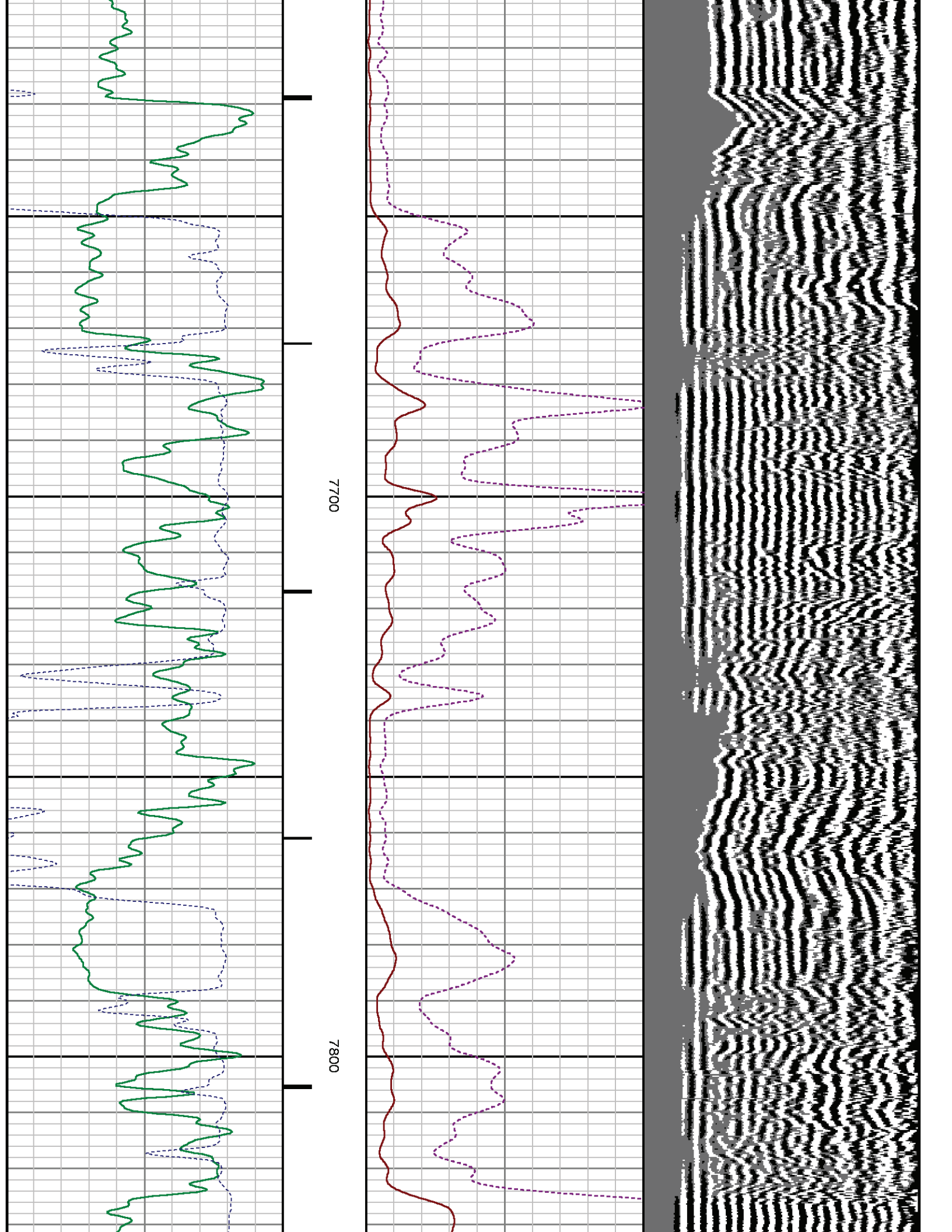


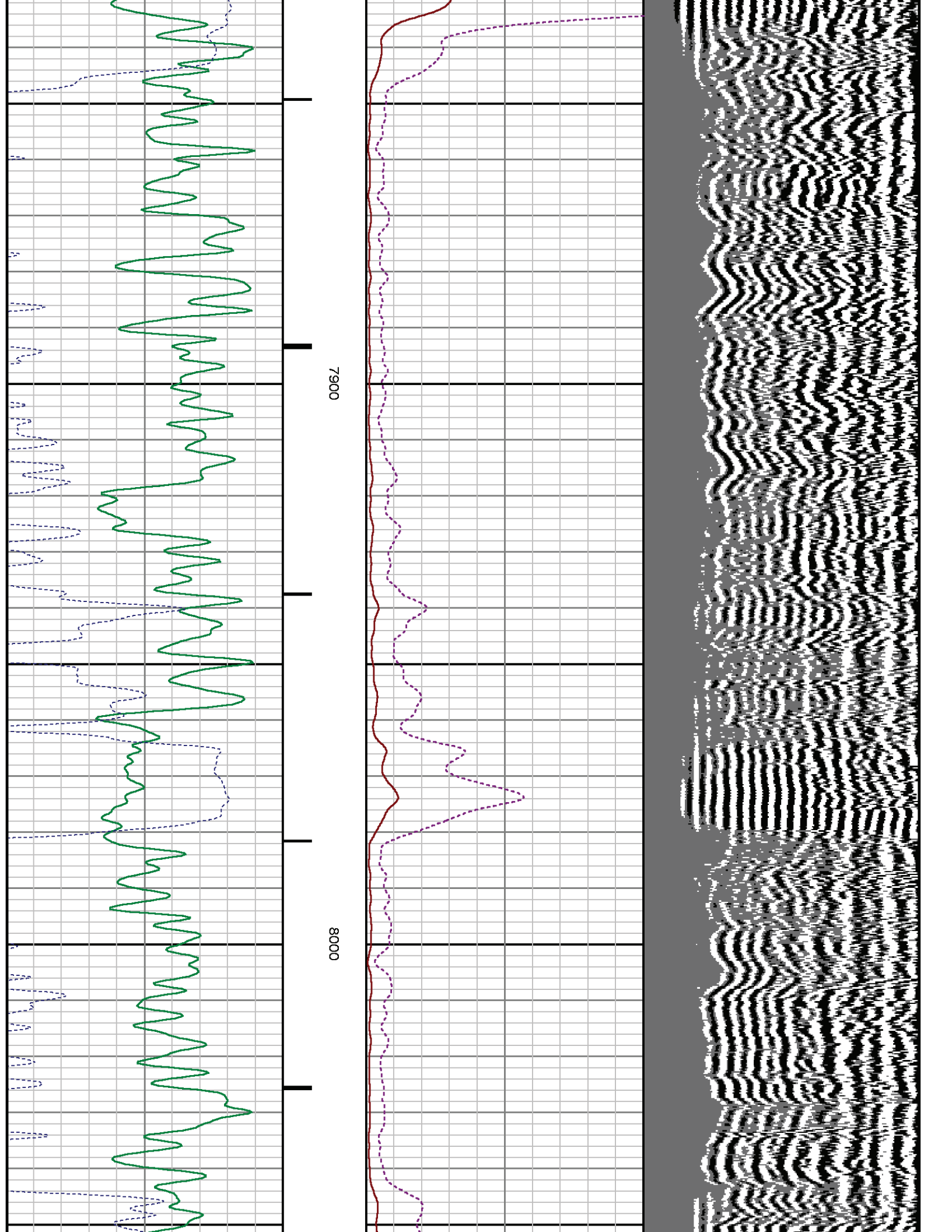


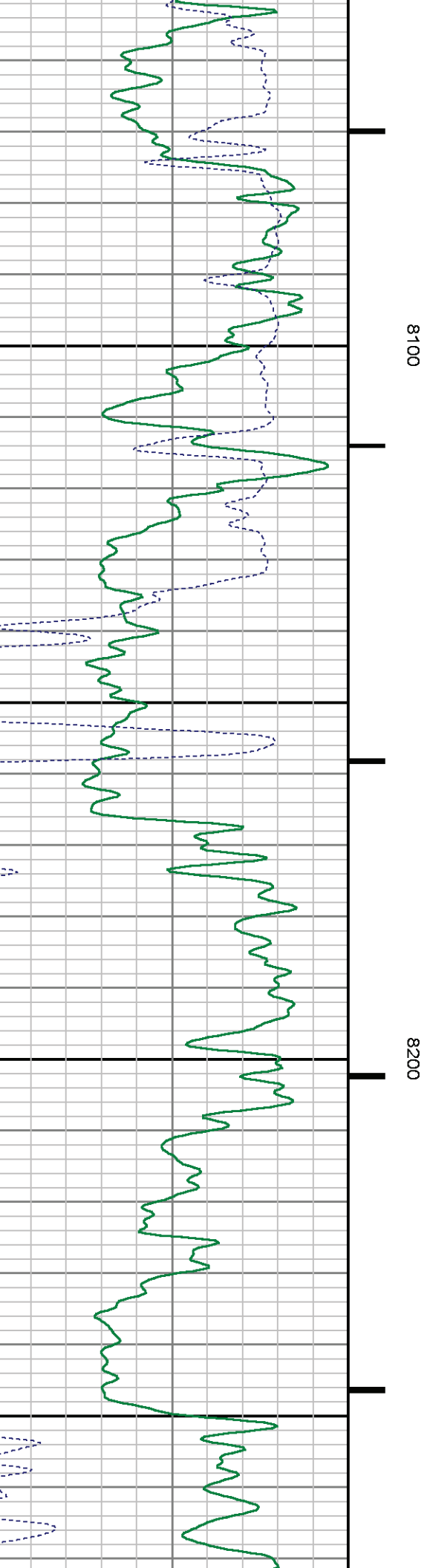
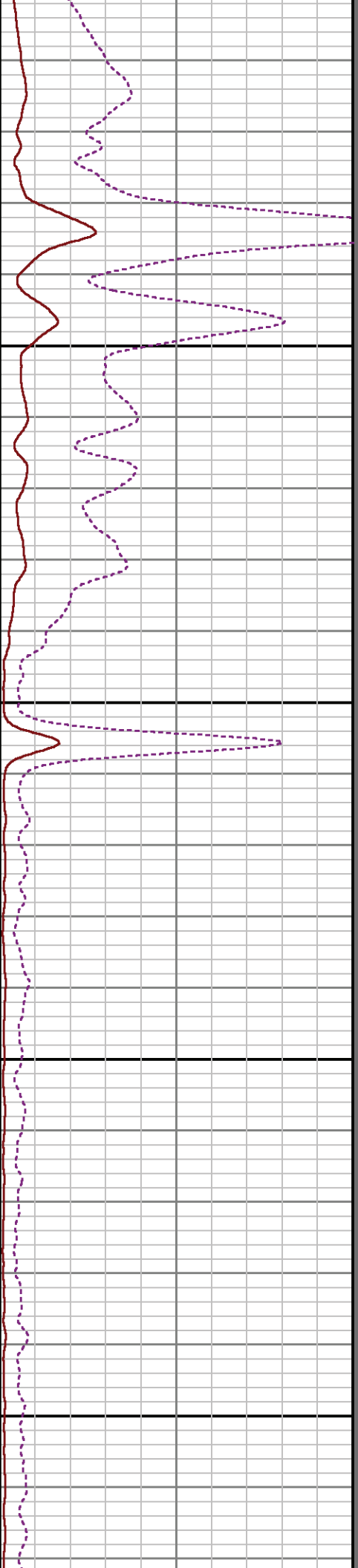
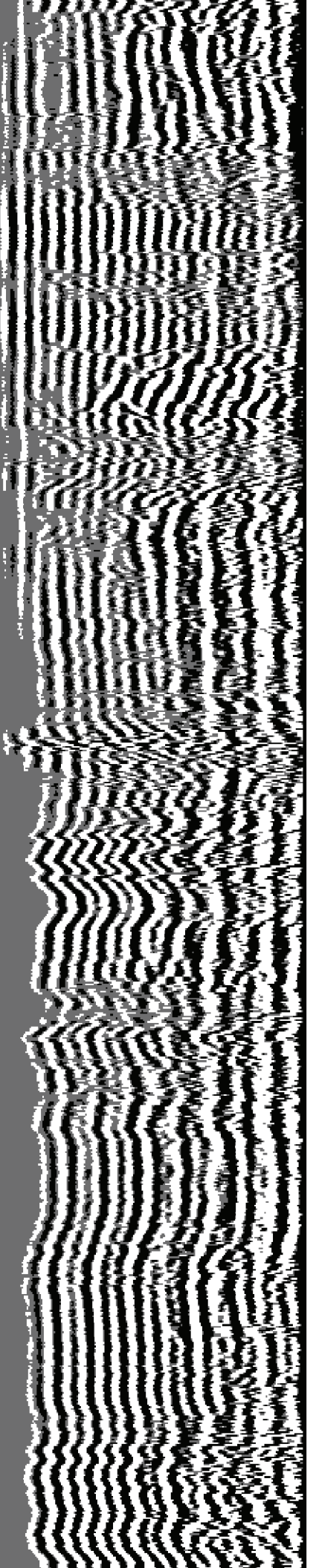


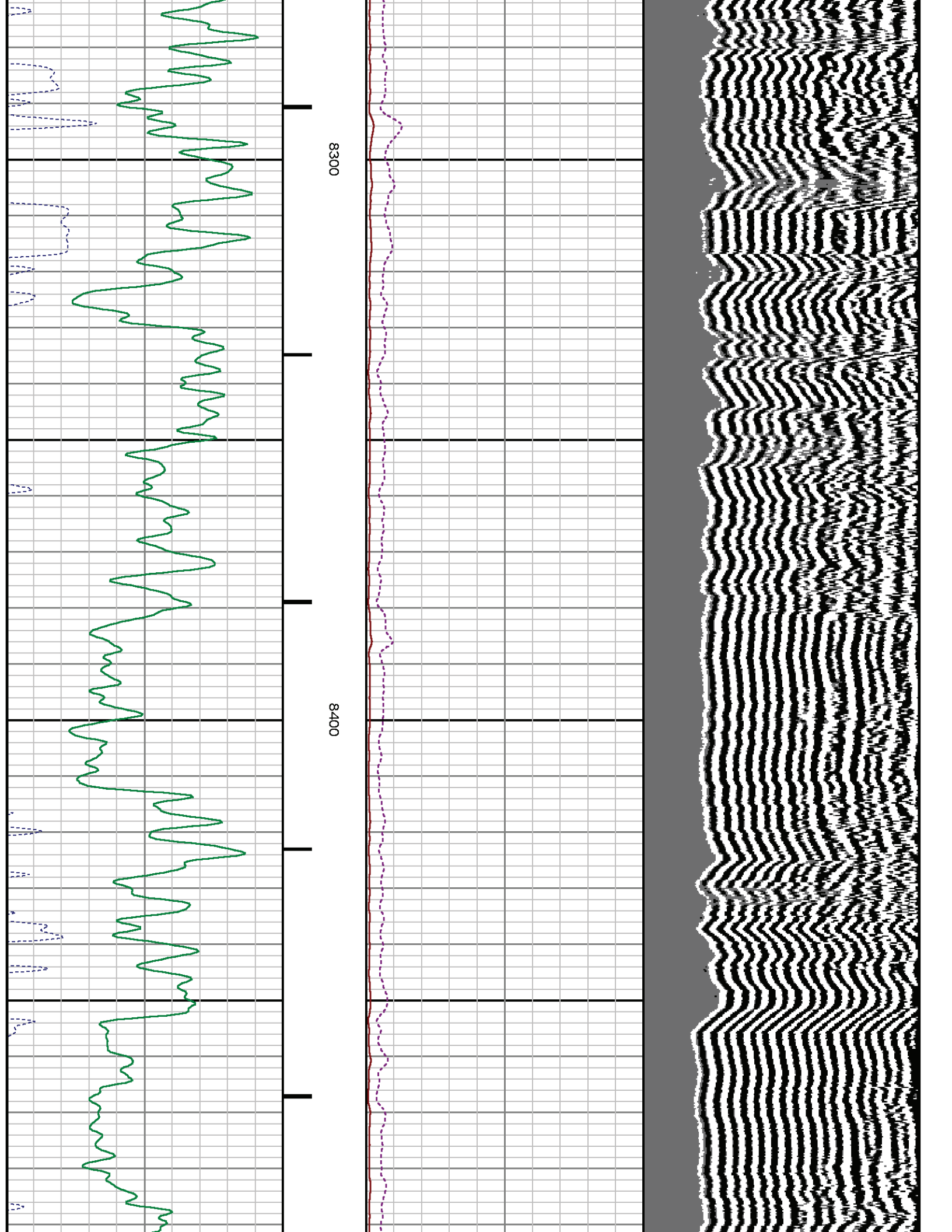


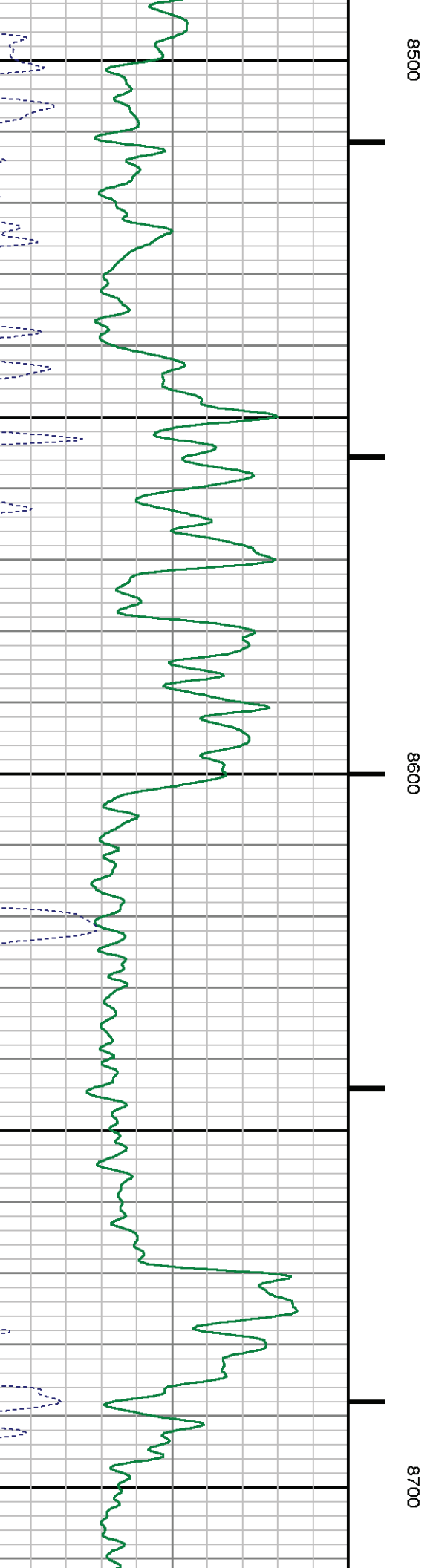
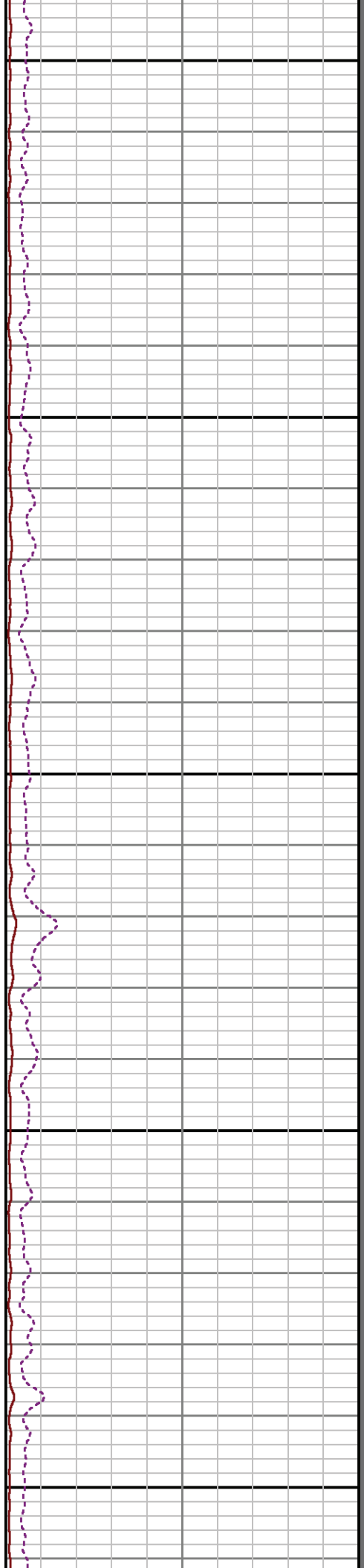
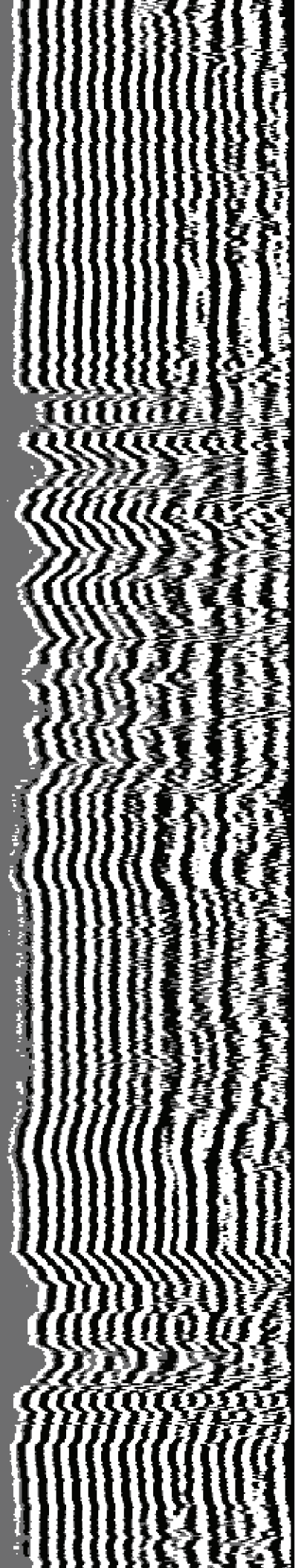


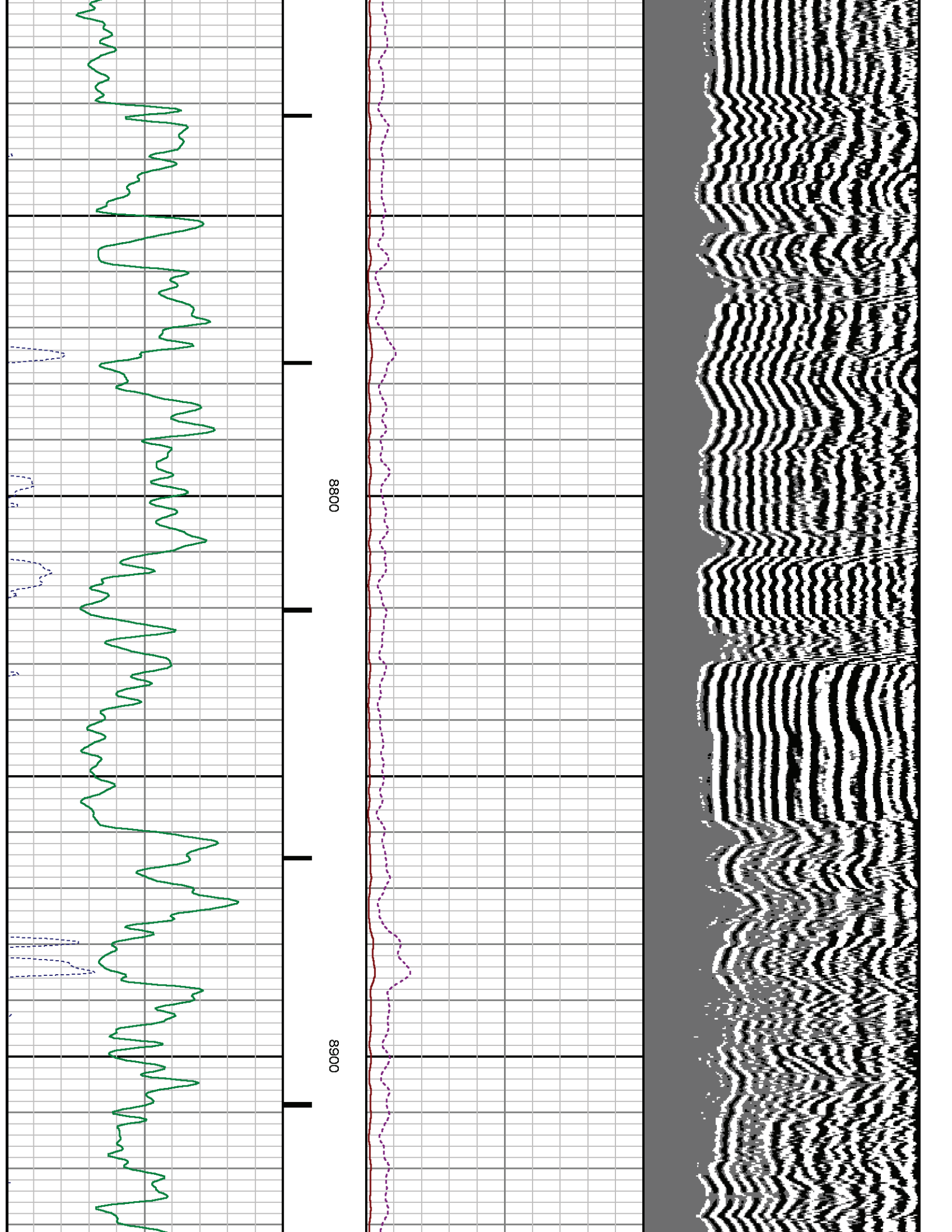


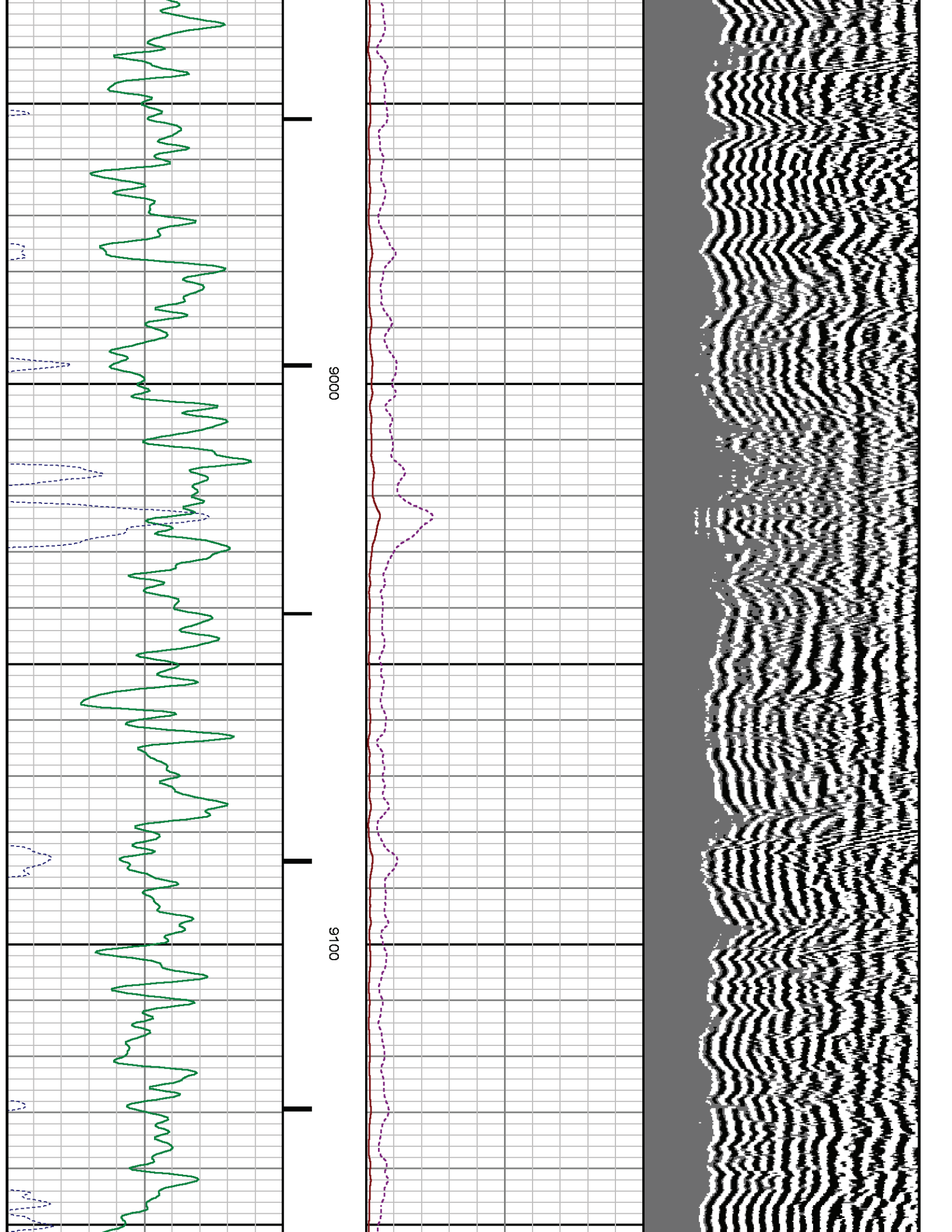


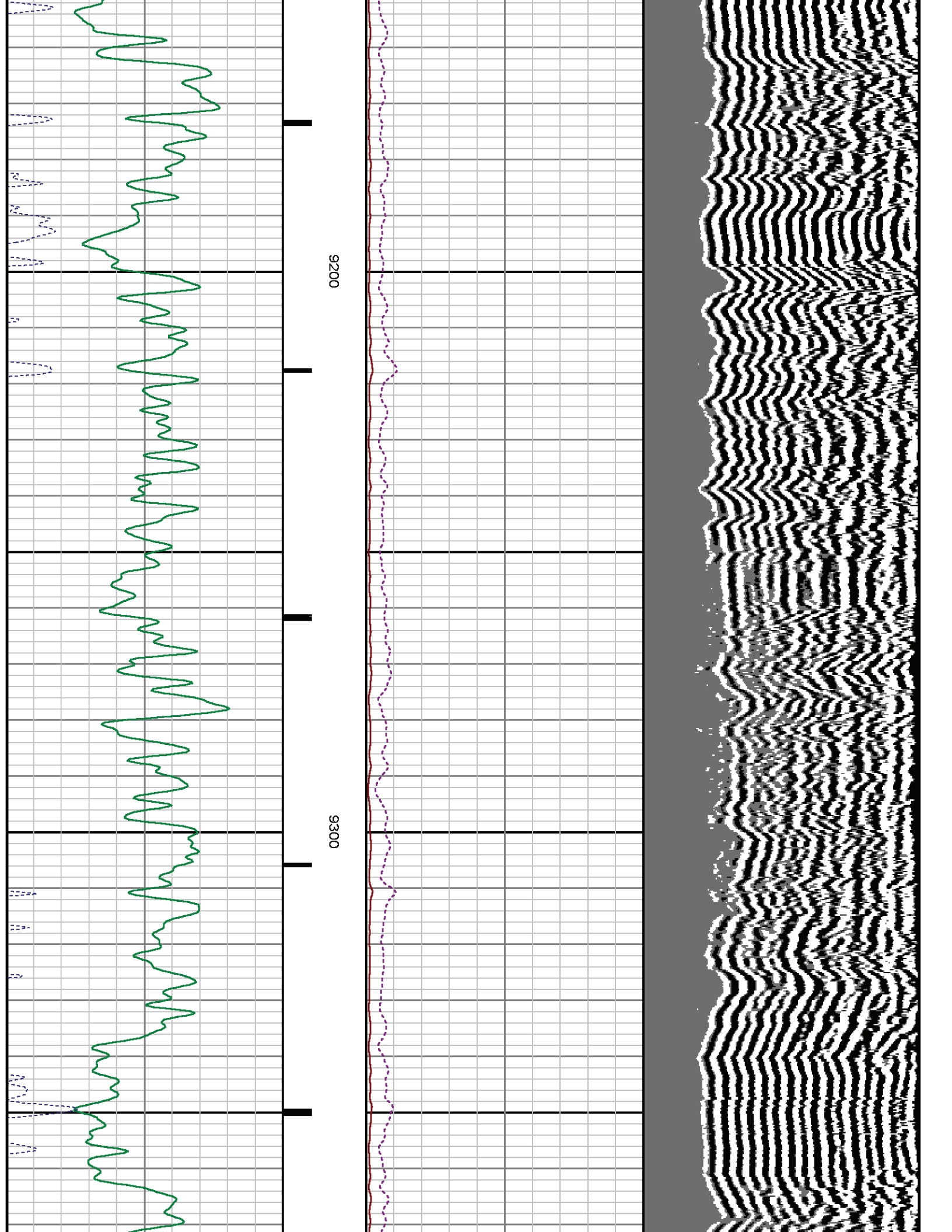


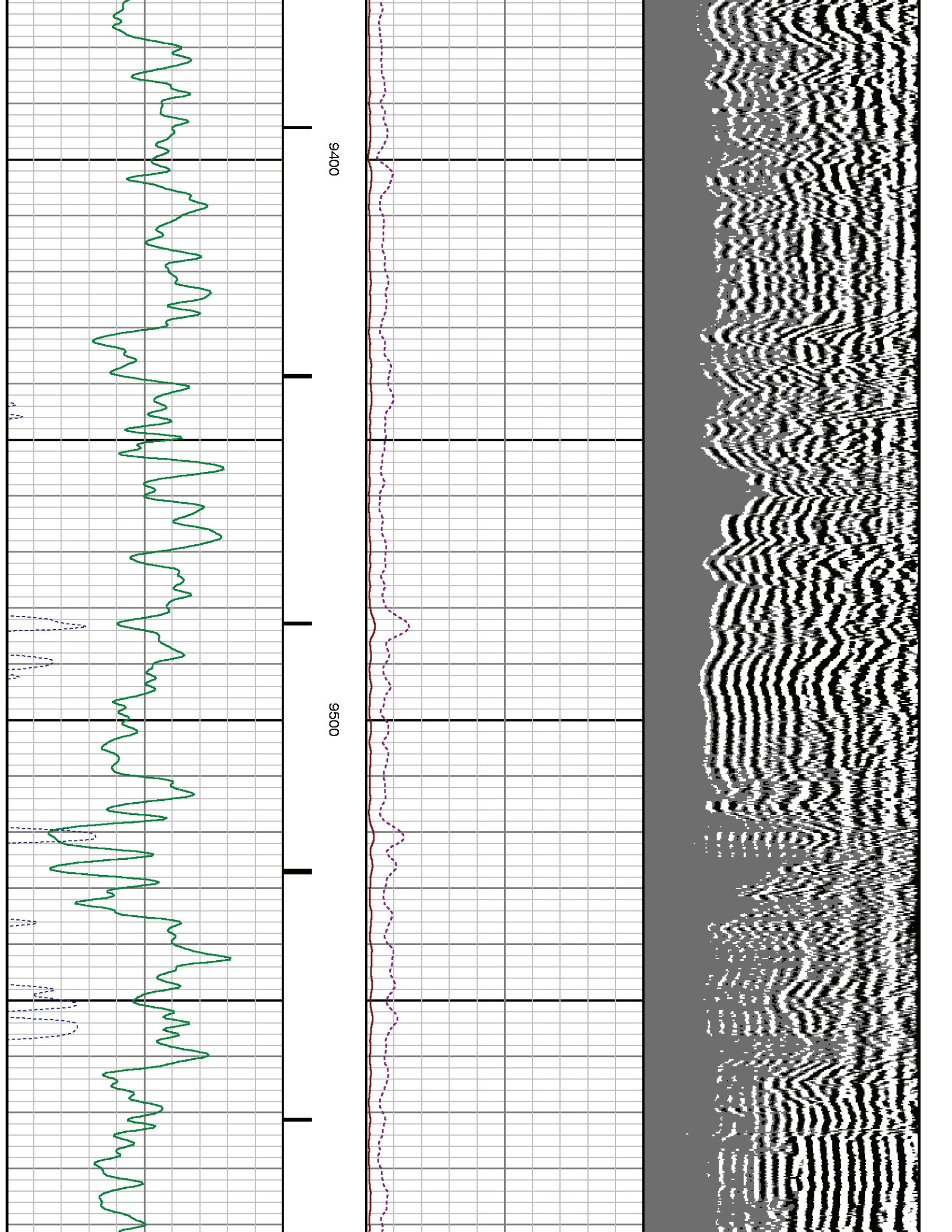


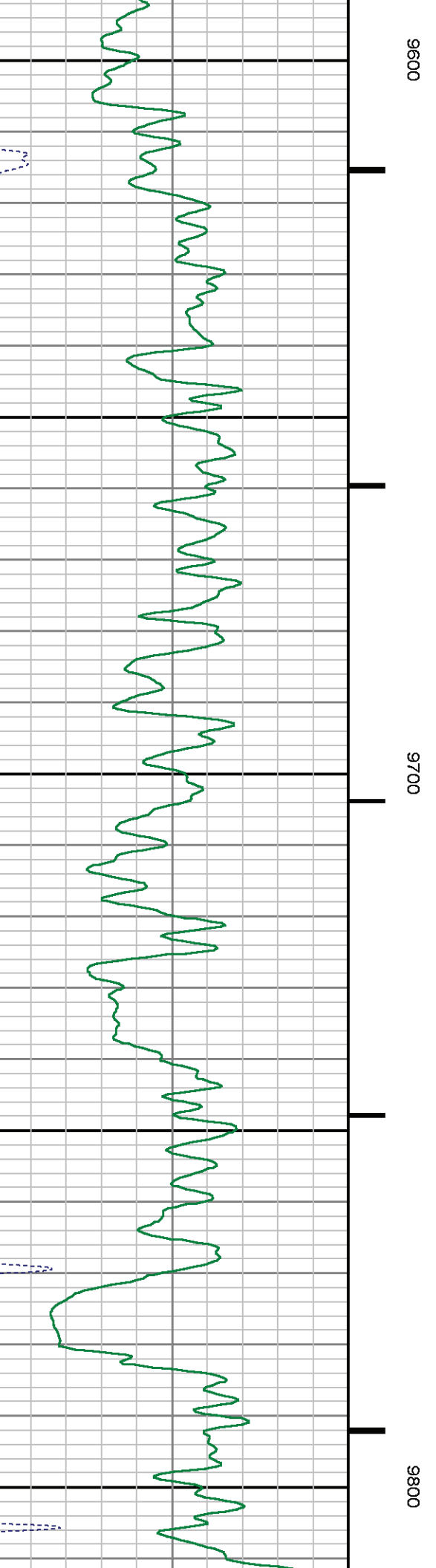
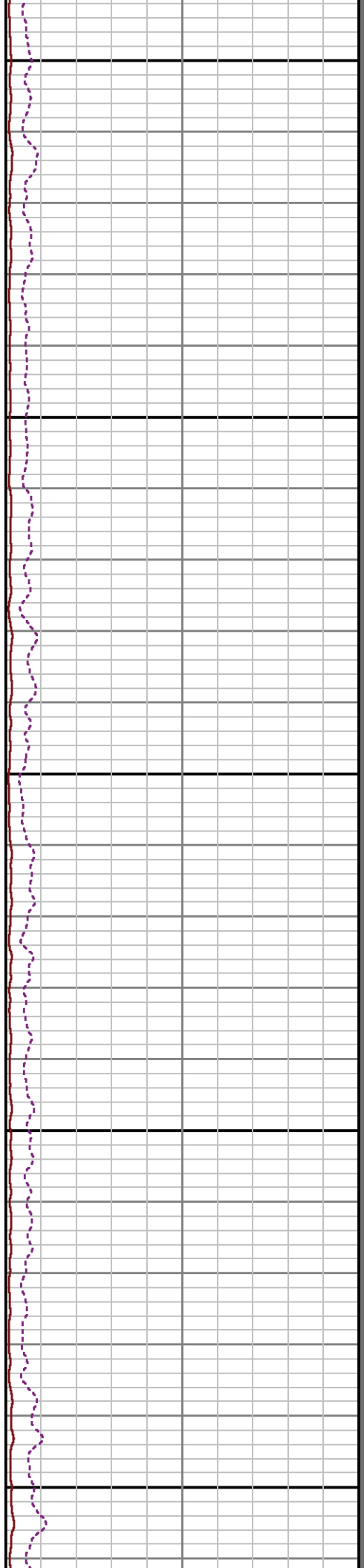
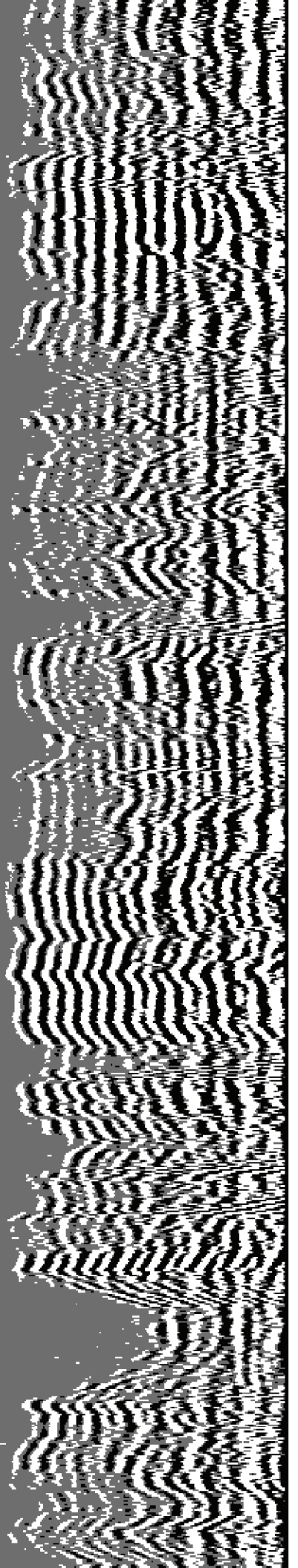


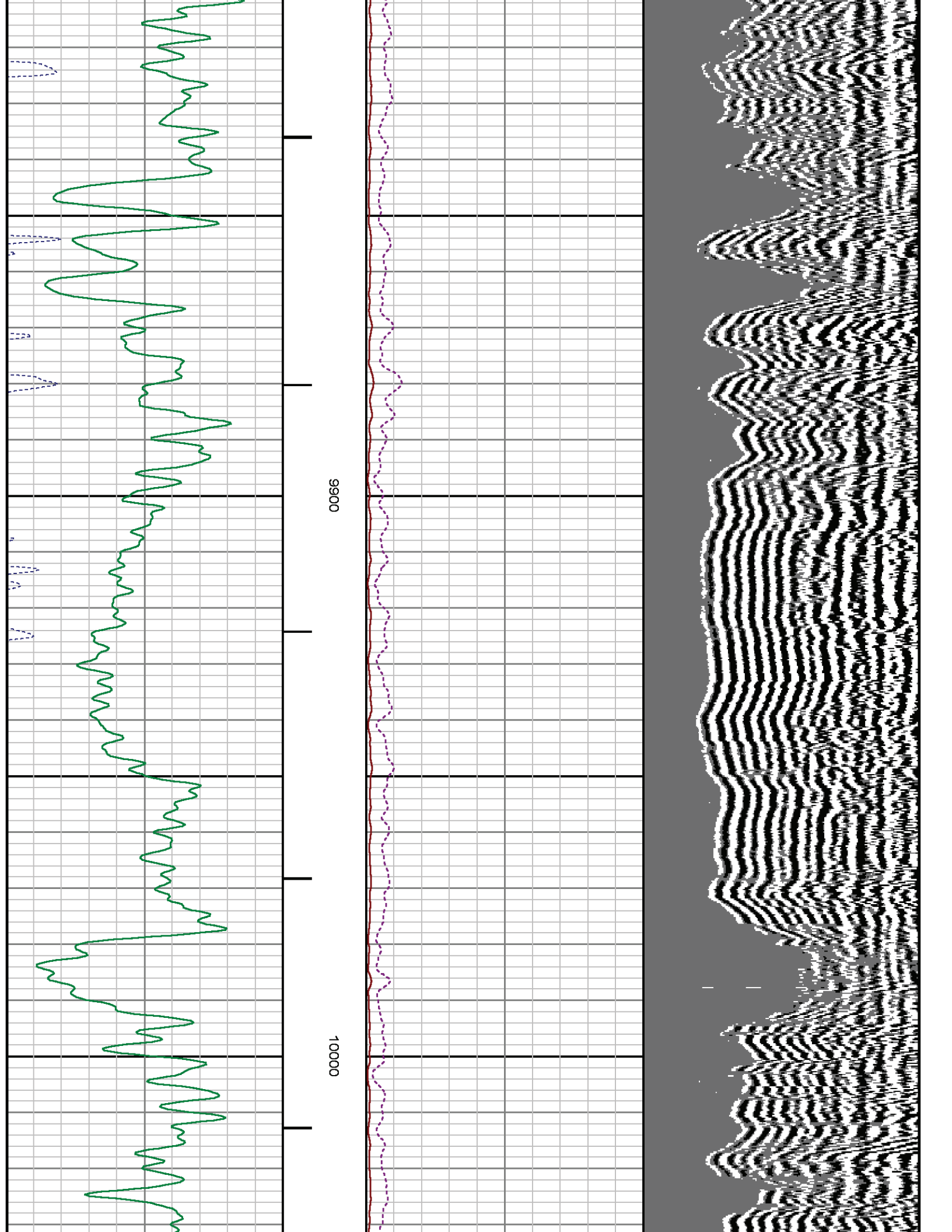


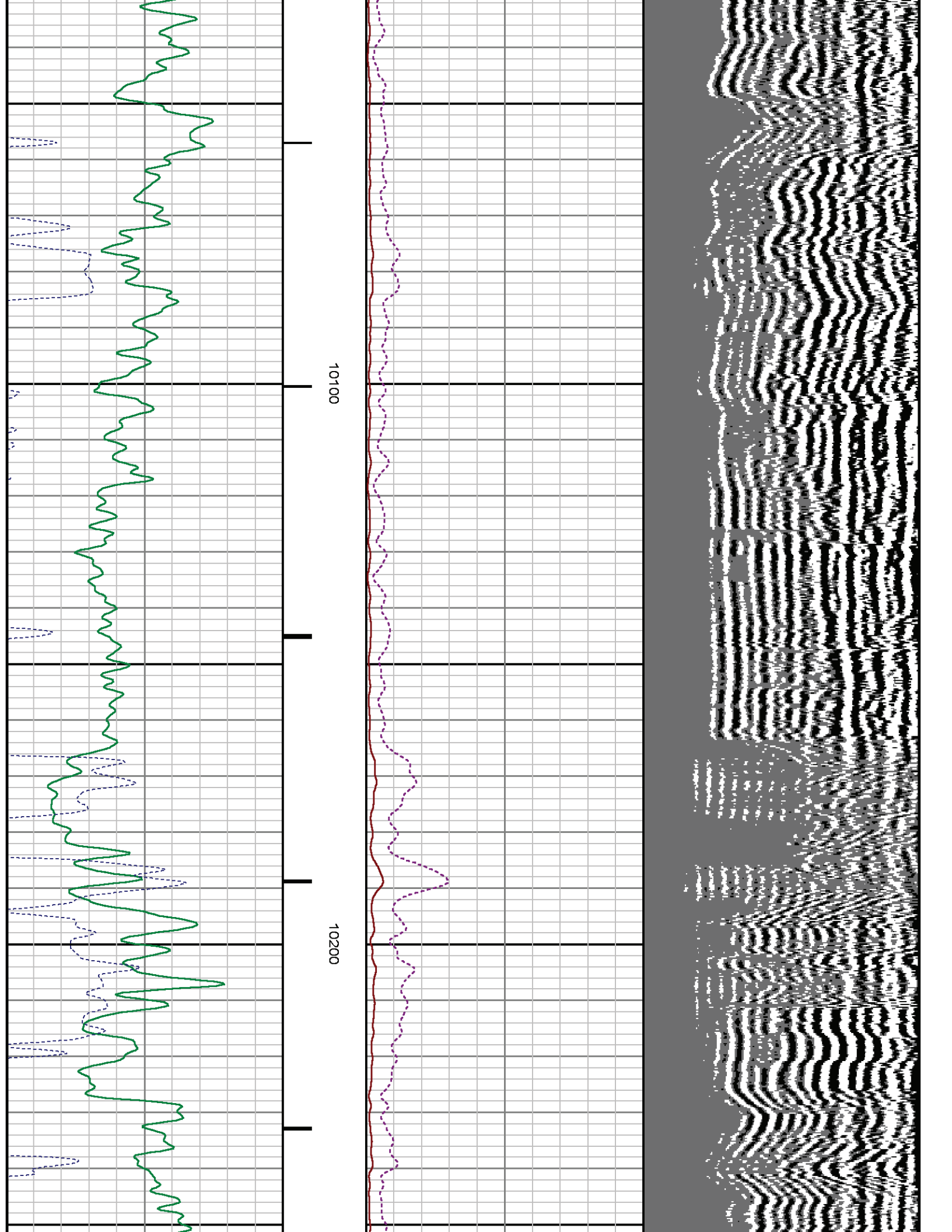


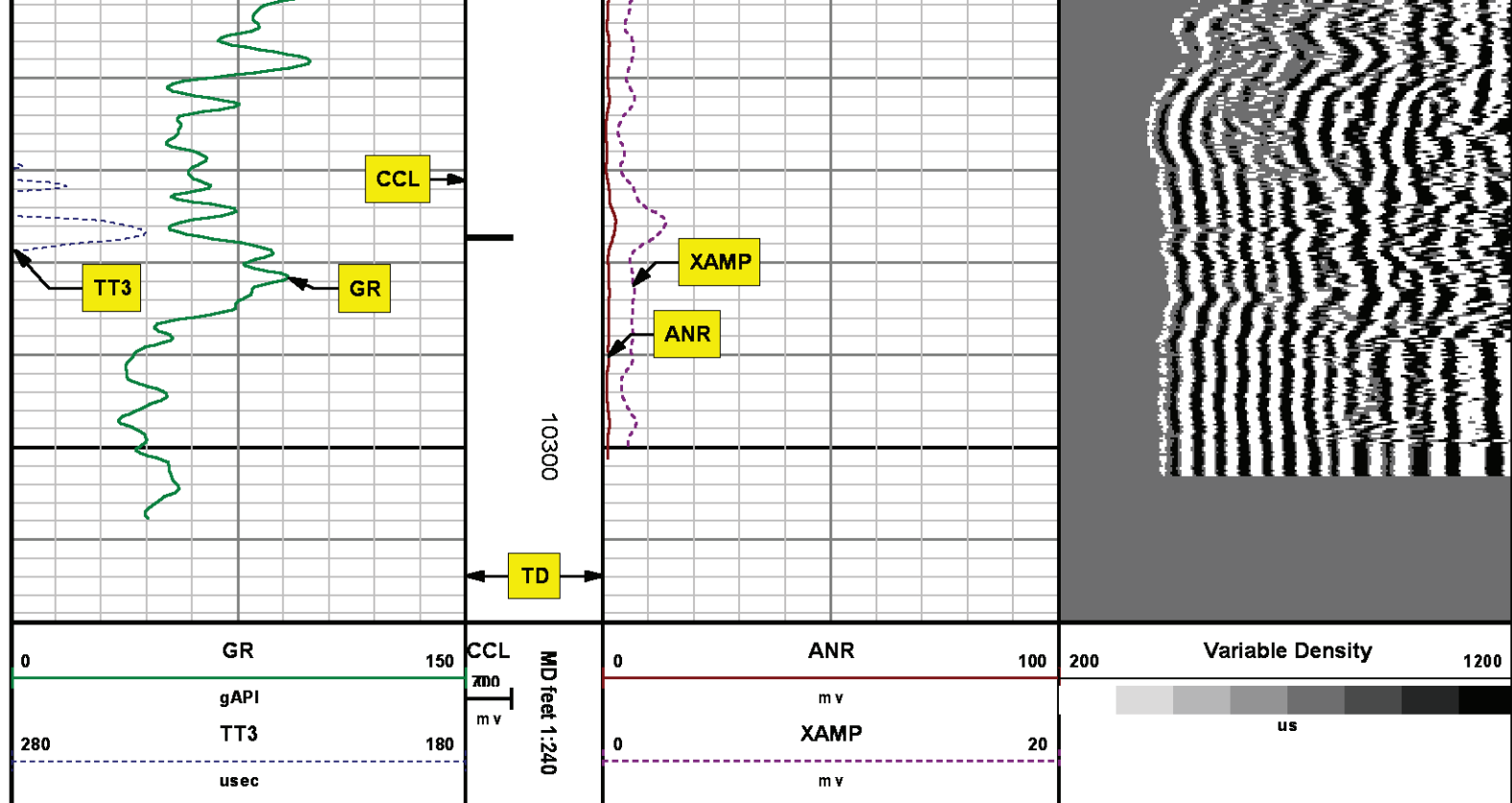












SECONDARY PRESENTATION 0 PSI

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	TOP	BOTTOM
RAL	Amp Gate Start Far	305.000	usec	35.155	10318.500
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RAL	FB Start Radial	175.391	usec	35.155	10318.500
RAL	FB Thresh Far	10.000	m v	35.155	10318.500
RAL	FB Thresh Near	4.000	m v	35.155	10318.500
RAL	FB Thresh Radial	4.000	m v	35.155	10318.500