



**RADIAL CEMENT BOND W/
VARIABLE DENSITY
GAMMA RAY, CCL, TEMP LOG**

Company CHEVRON

Well GUTTERSEN CC 32-785

Field WATTENBERG

County WELD State COLORADO

Location: API # : 05-123-49269

SEC 29 TWP 4N RGE 63W

Permanent Datum GL Elevation 4761'

Log Measured From KB Elevation 4791'

Drilling Measured From KB Elevation 4761'

Date

JUNE-20-2022

Run Number

ONE

Depth Driller

14600'

Depth Logger

7054'

Bottom Logged Interval

7053'

Top Log Interval

SURFACE

Open Hole Size

8.50"

Type Fluid

WATER

Density / Viscosity

-

Max. Recorded Temp.

229

Estimated Cement Top

-

Time Well Ready

0830

Time Logger on Bottom

0930

Equipment Number

80

Location

PLATTEVILLE

Recorded By

K. GIRDLER

Witnessed By

O. FABELA

Borehole Record

Bit

From

To

Size

Weight

From

To

Casing Record

Size

Wgt/ft

Top

Bottom

Surface String

9-5/8"

36#

SURFACE

1953'

Prot. String

5-1/2"

17#

SURFACE

14570'

Production String

5-1/2"

17#

SURFACE

14570'

Liner

5-1/2"

17#

SURFACE

14570'

Liner

5-1/2"

17#

SURFACE

14570'

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

Comments

TOOLS RAN AS PER TOOLSTRING DIAGRAM
TOLLSTRING CENTRALIZED VIA 3 X GEMCO CENTRALIZERS
LOG CORRELATED TO MARKER JOINT @ 6114'-6134'


THANK YOU FOR CHOOSING KLX ENERGY SERVICES

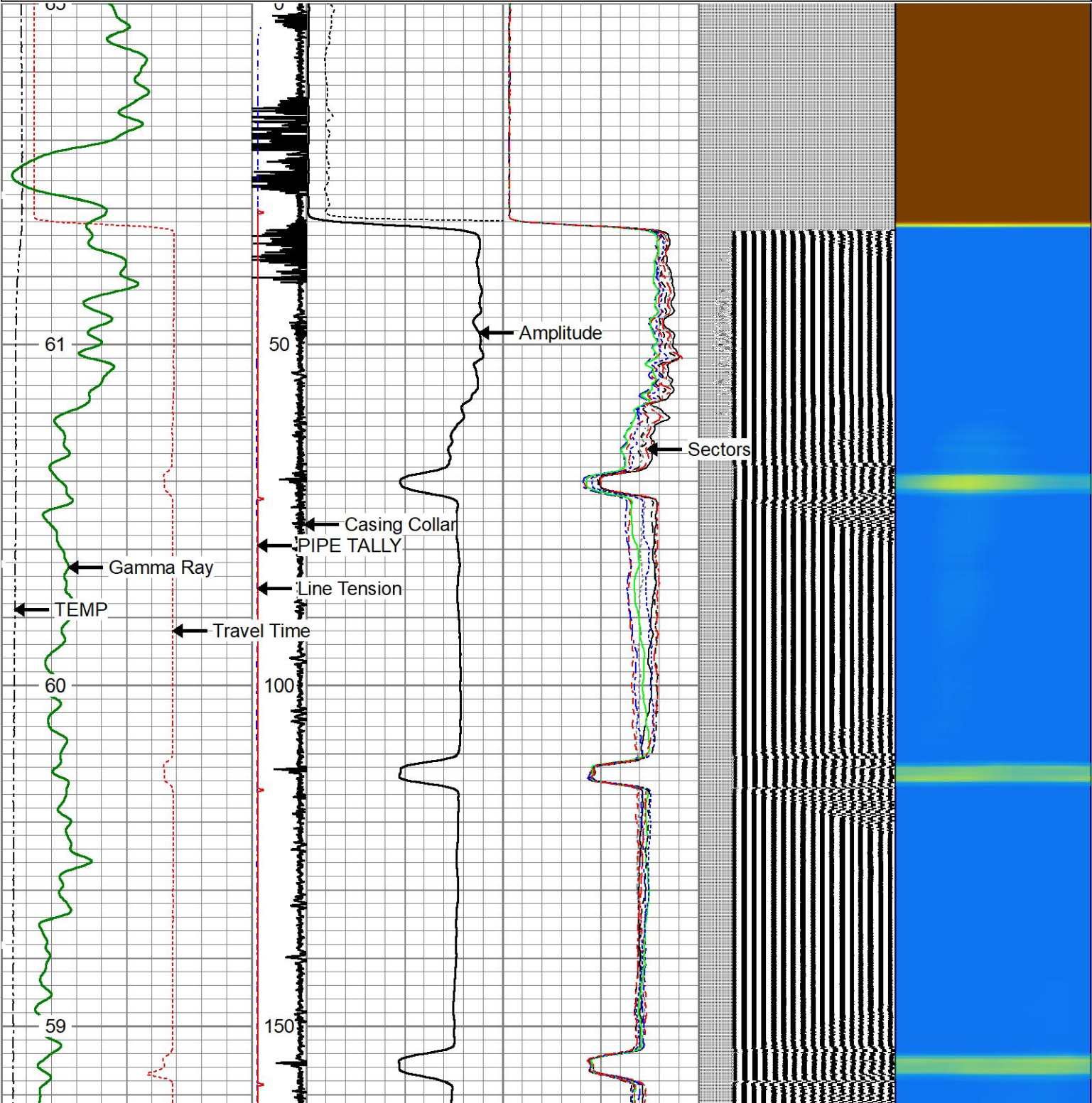


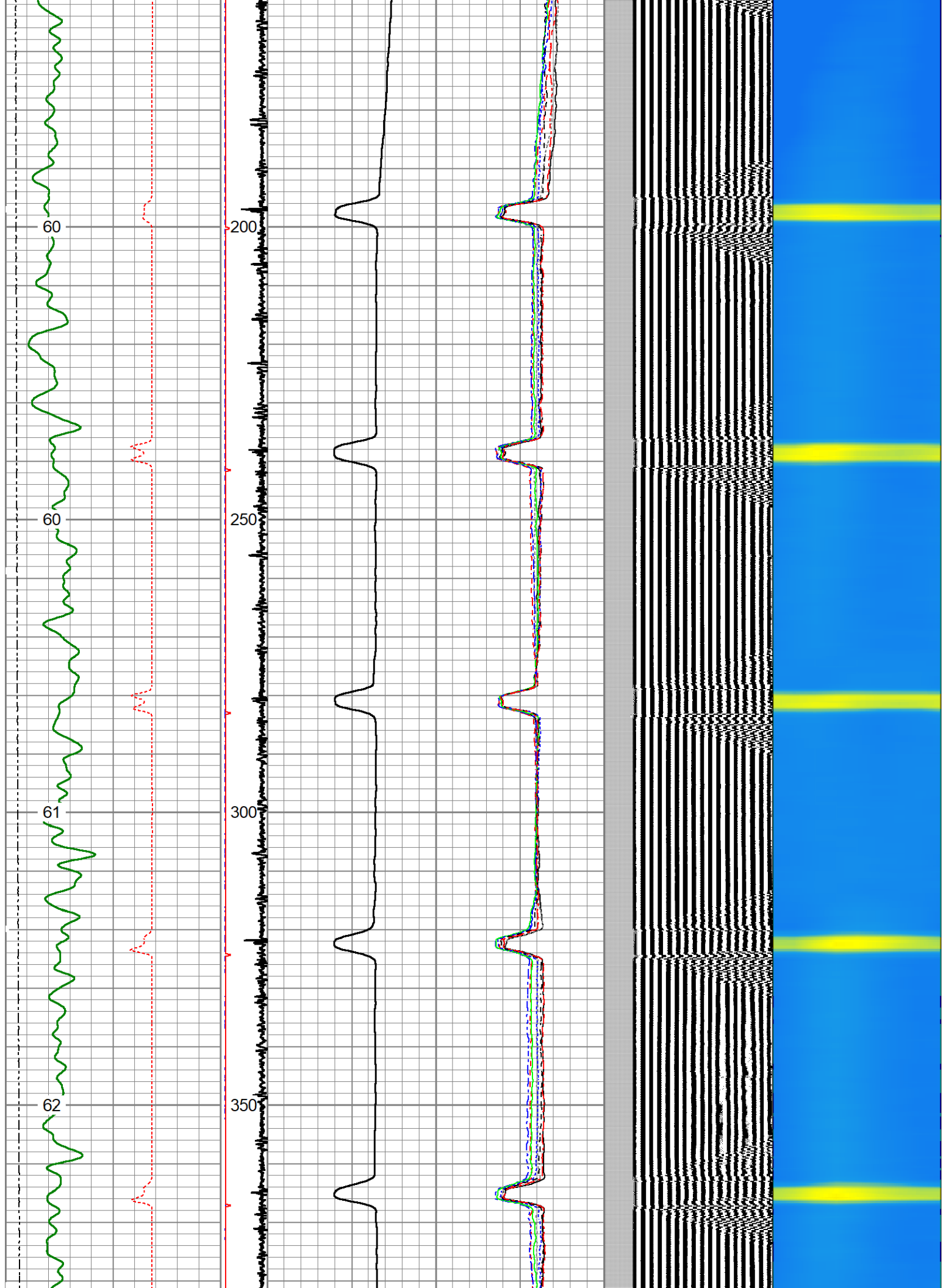
MAIN PASS

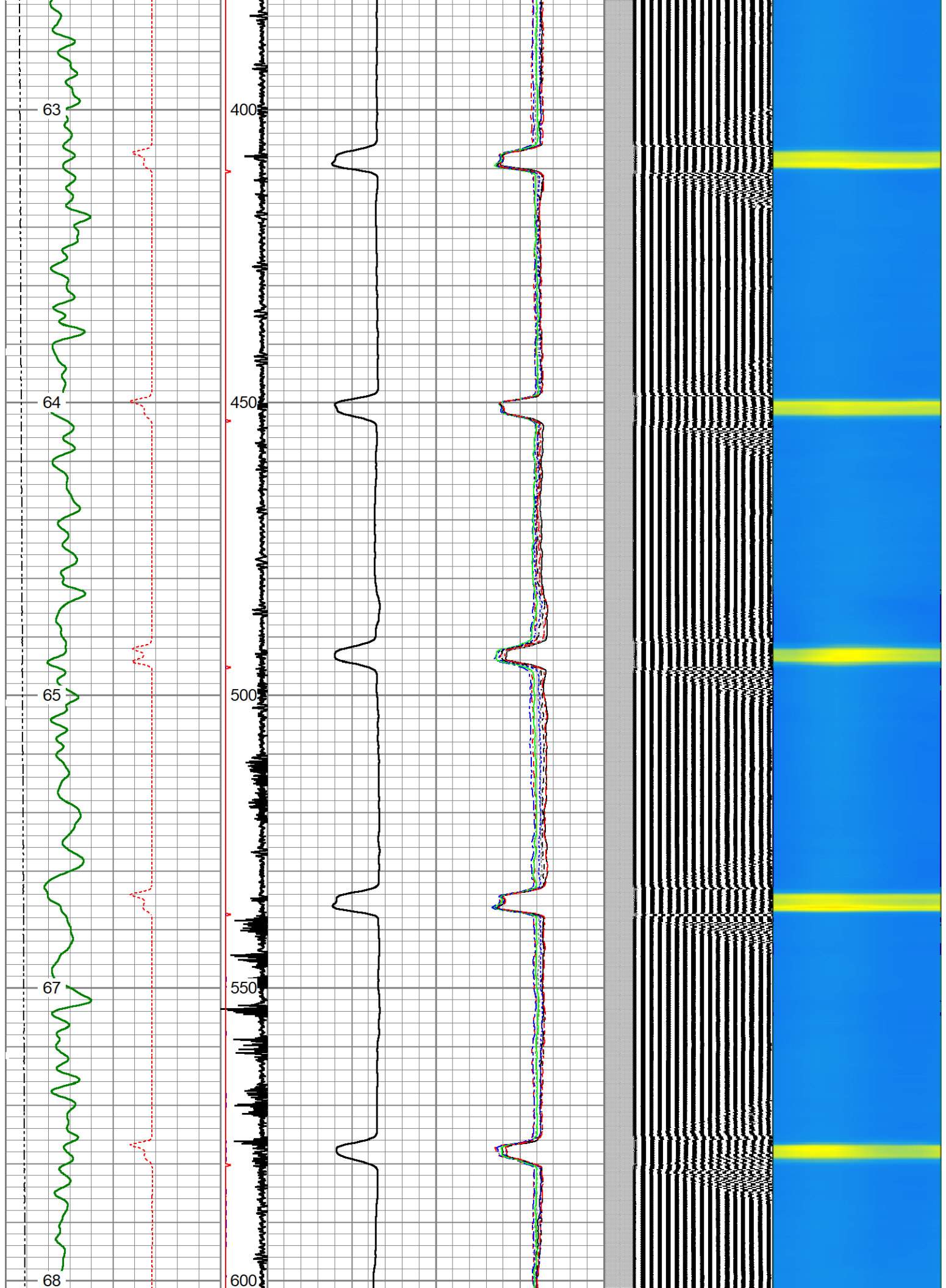
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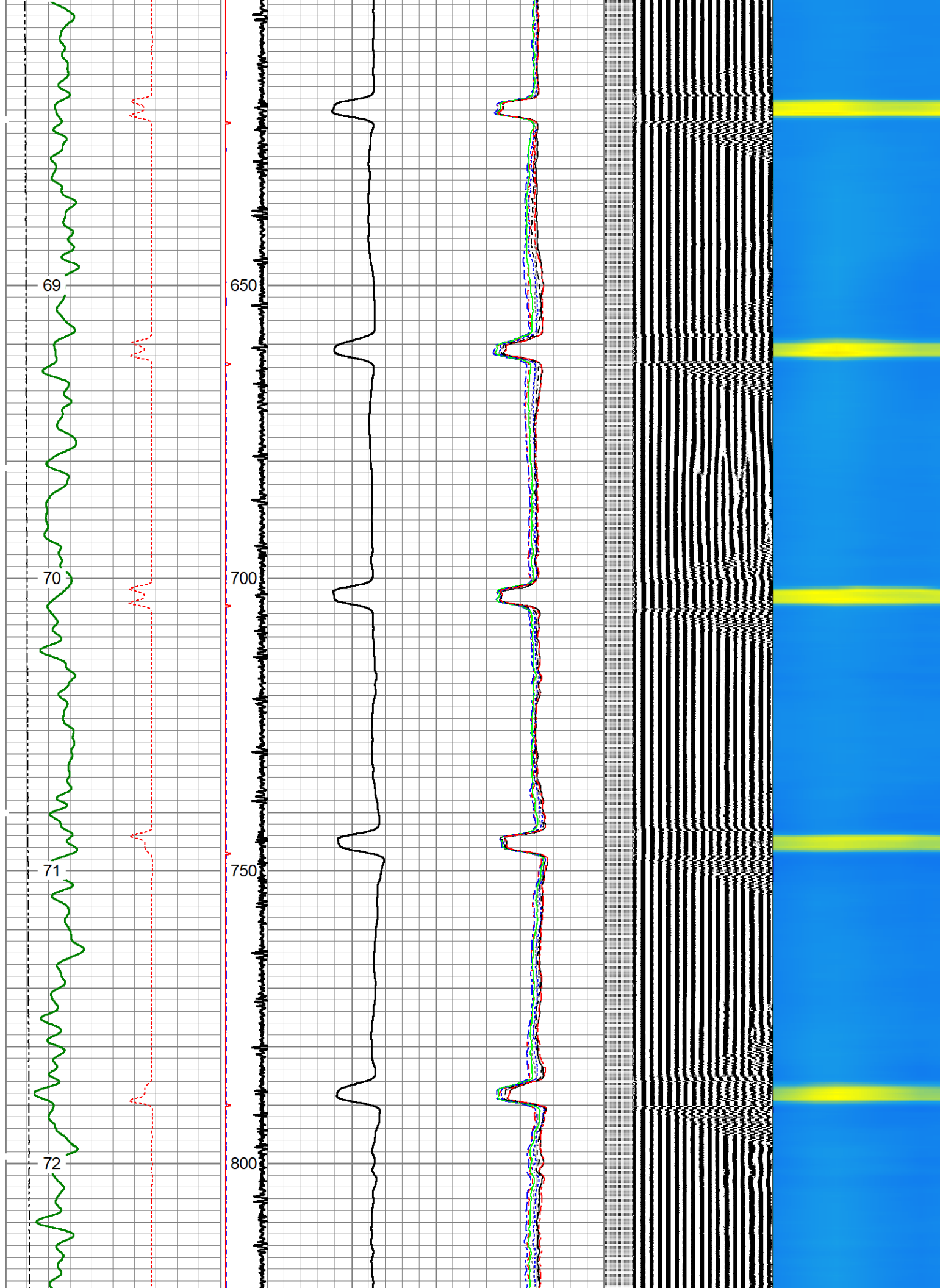
Database File		guttersen cc 32-785.db									
Dataset Pathname		cbl3									
Presentation Format		chevron_rcbl									
Dataset Creation		Mon Jun 20 13:51:40 2022									
Charted by		Depth in Feet scaled 1:240									

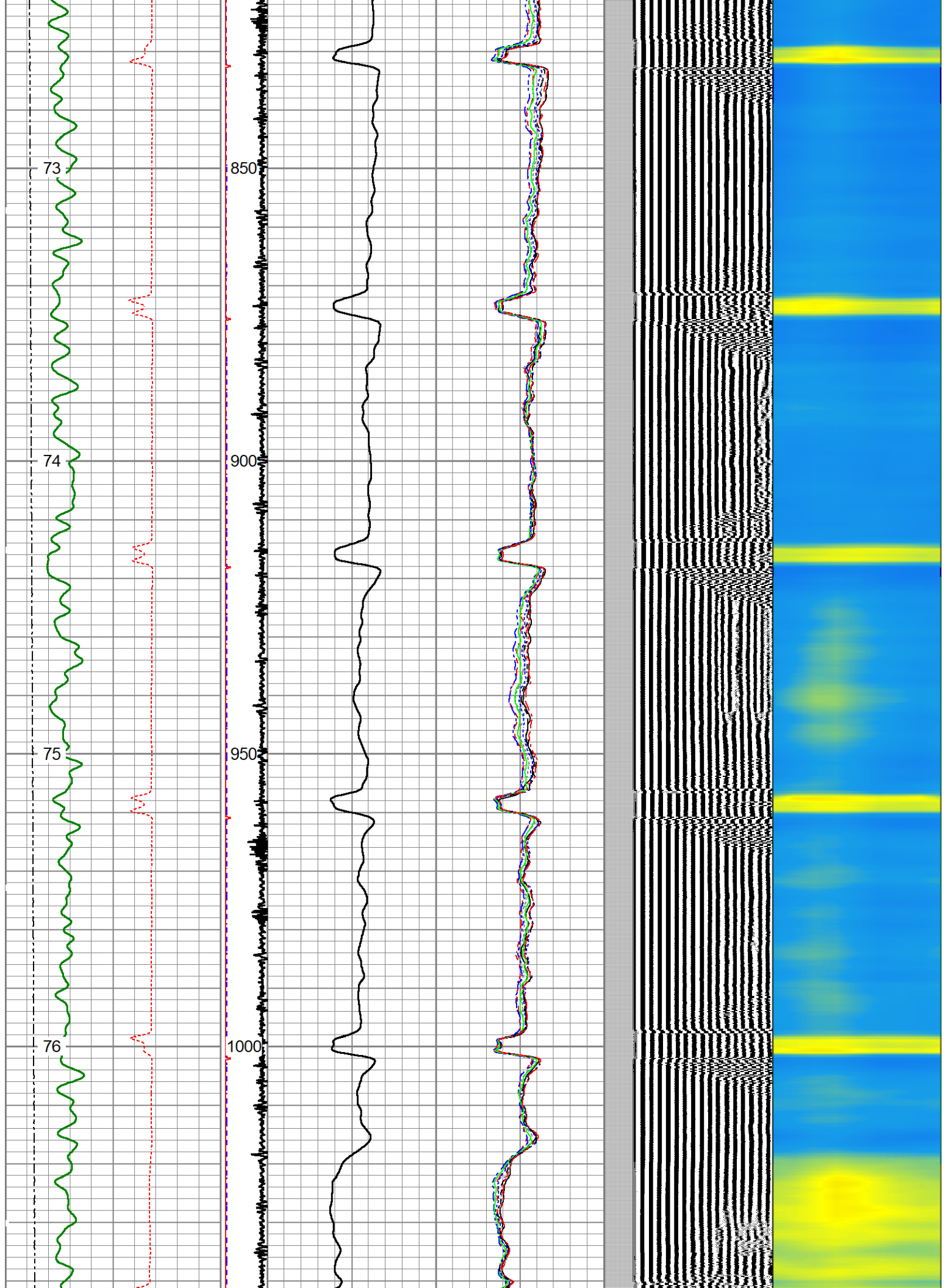
400	Travel Time (usec)	200	ing Co	0	Amplitude (mV)	100	-5	Sector 1	150	Variable Density 200 (usec) 1200	
0	Gamma Ray (GAPI)	150	9 -1		Amplified Amplitude		-5	Sector 2	150		
50	TEMP (degF)	250	e Tens	0	(mV)	10	-5	Sector 3	150		
TEMP (degF)			(lb (2000				-5	Sector 4	150		
							-5	Sector 5	150		
		PE TAL					-5	Sector 6	150		
							-5	Sector 7	150		
							-5	Sector 8	150		
							-5				

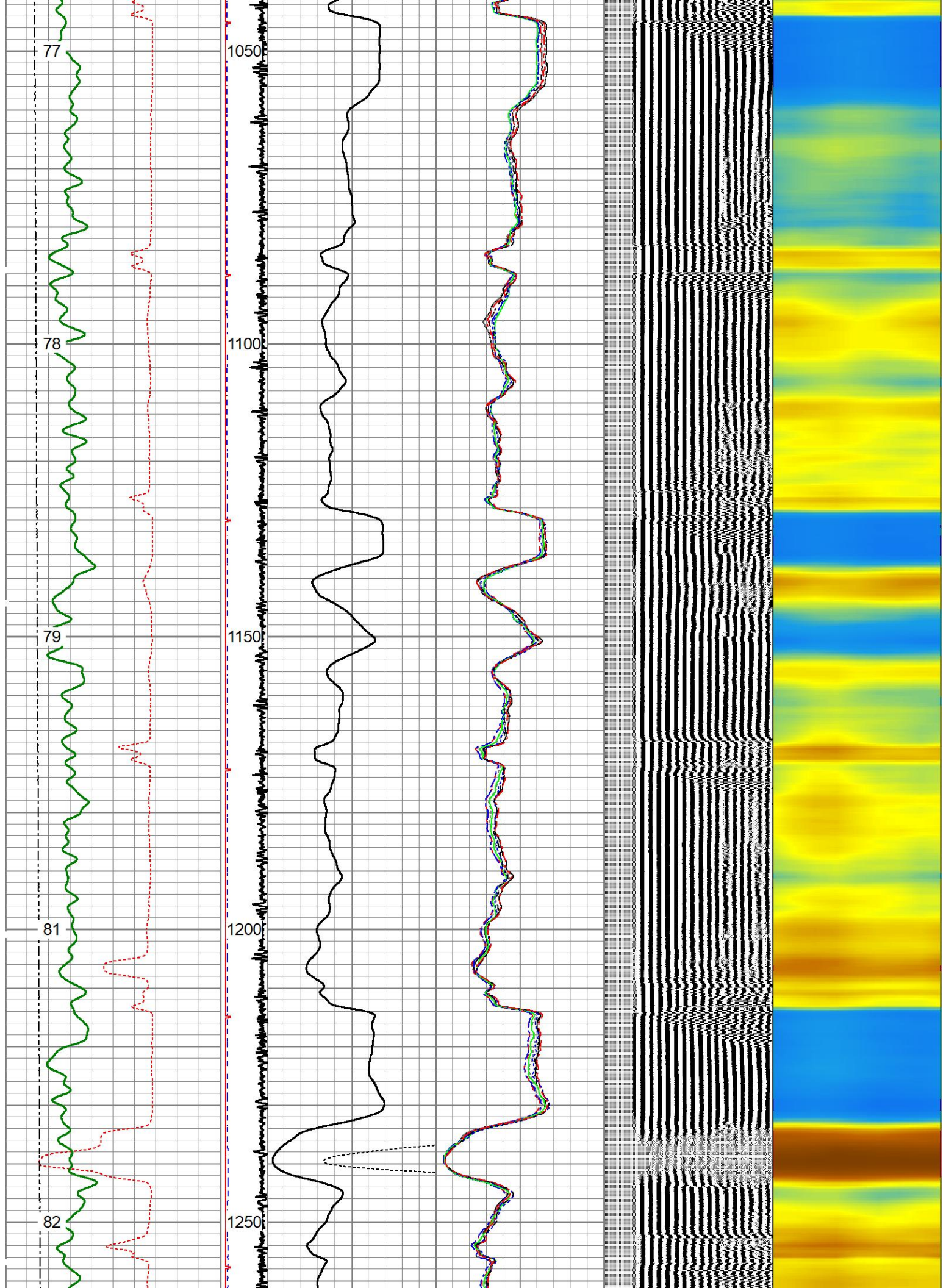


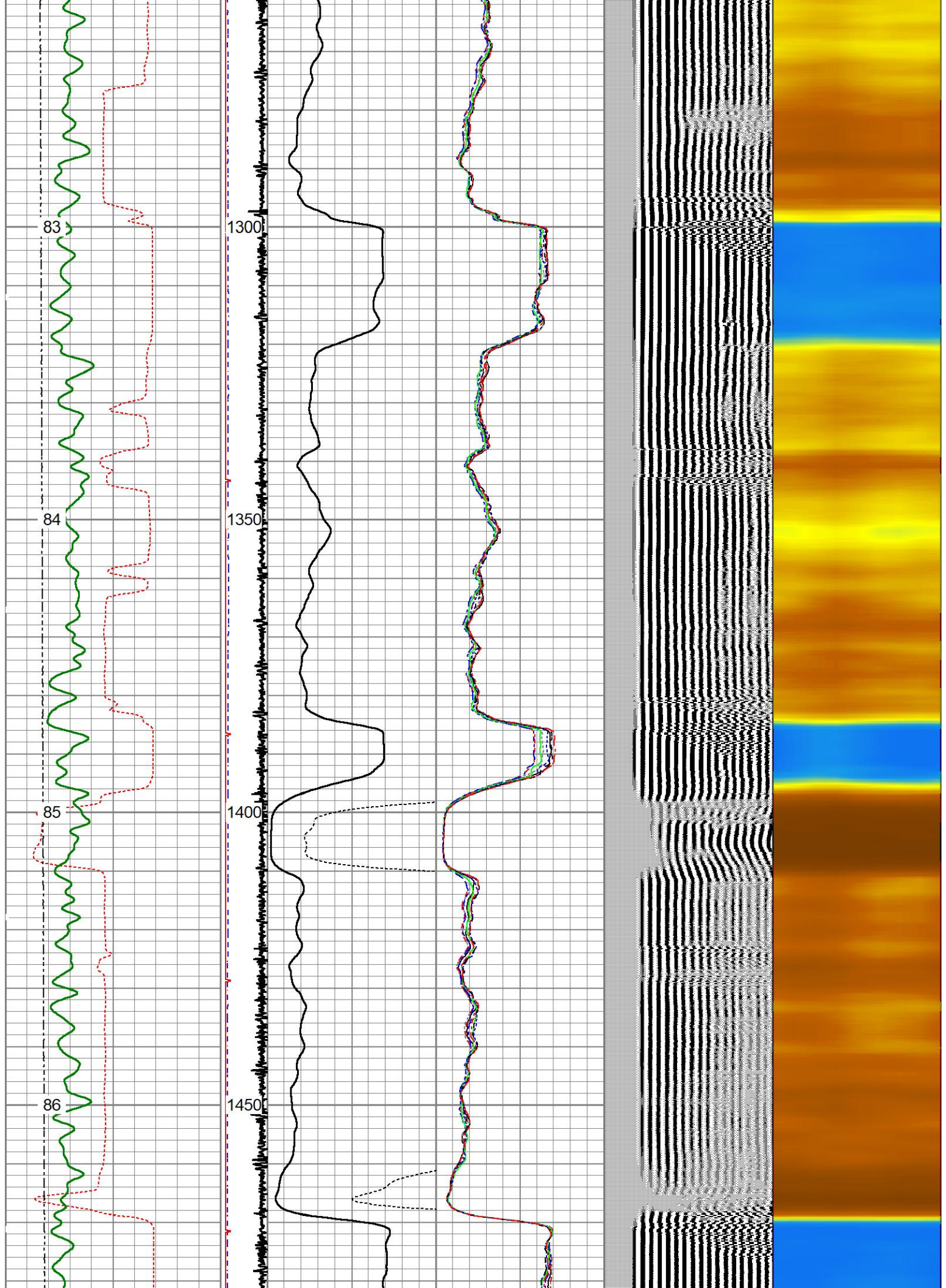


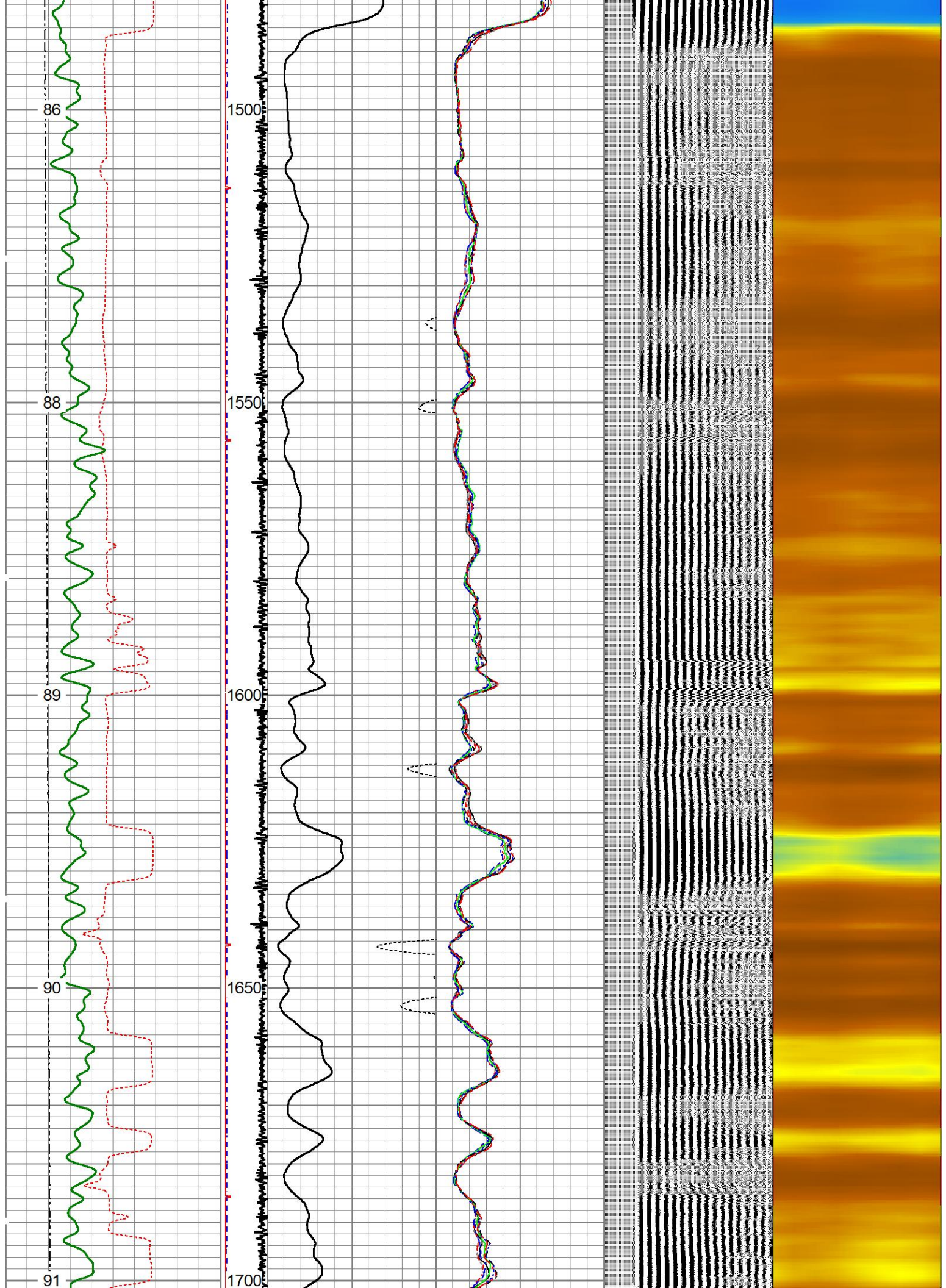


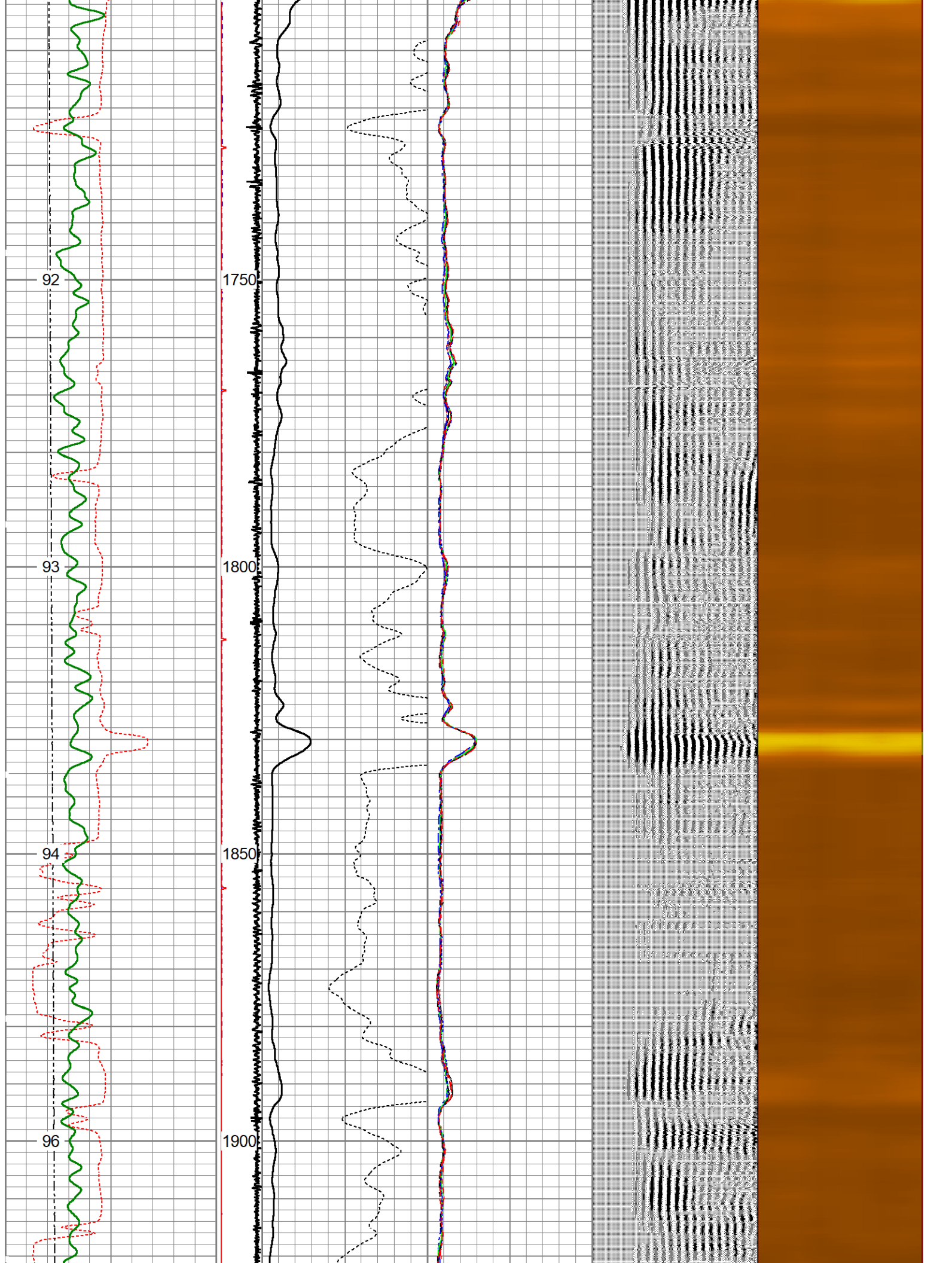


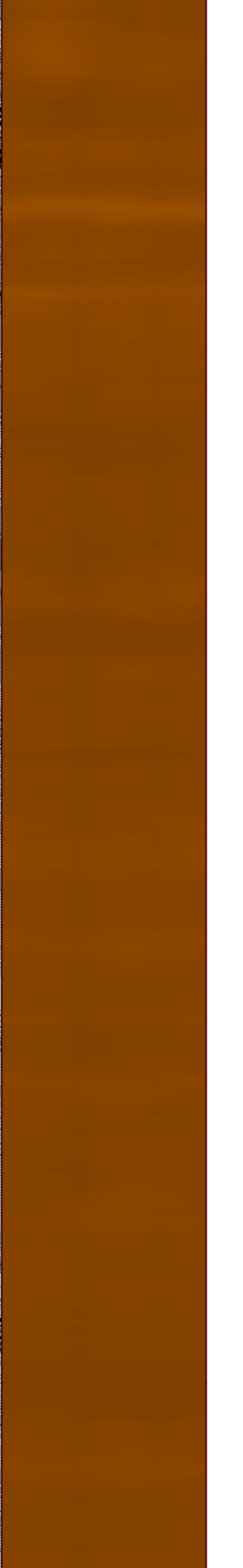
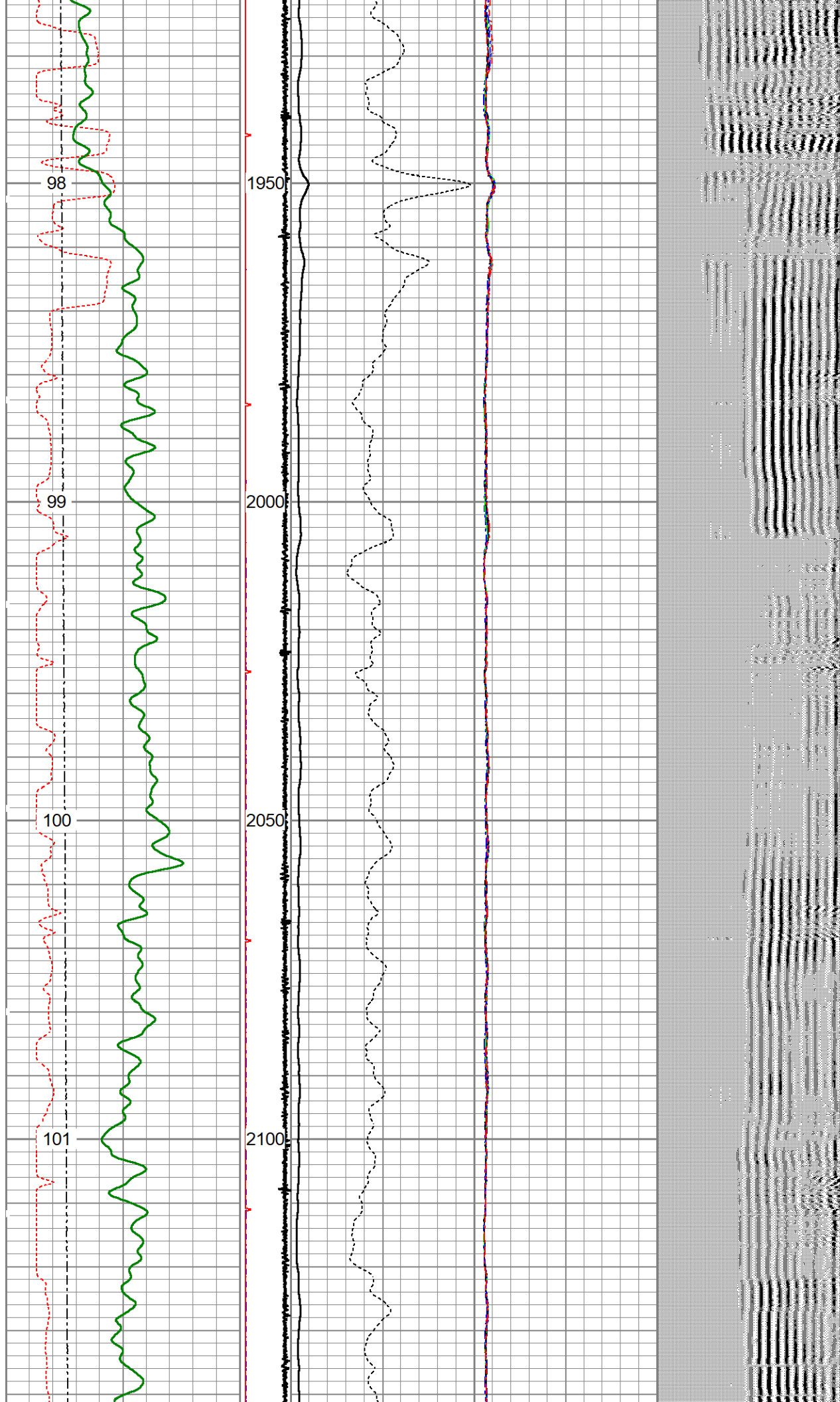


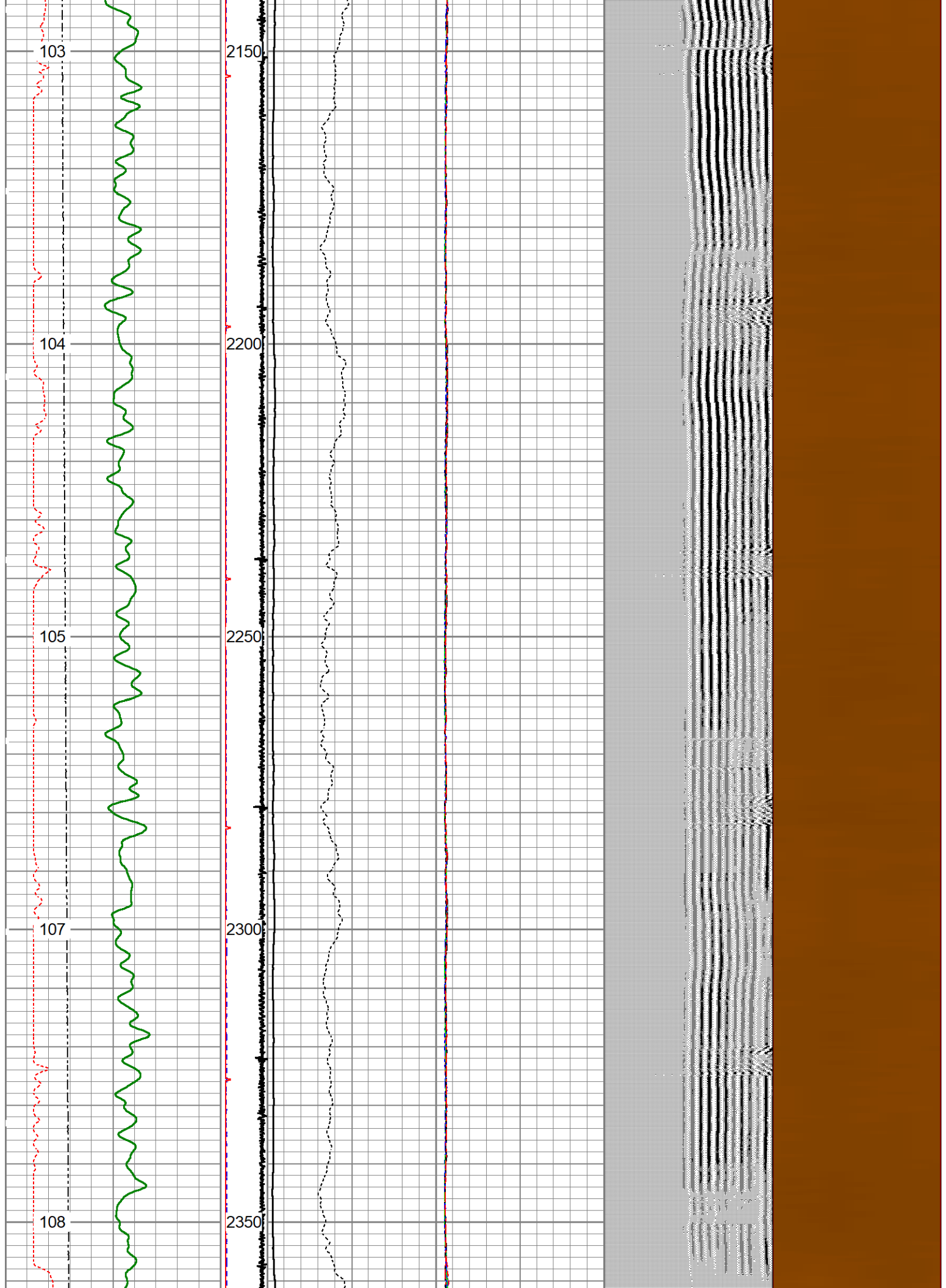


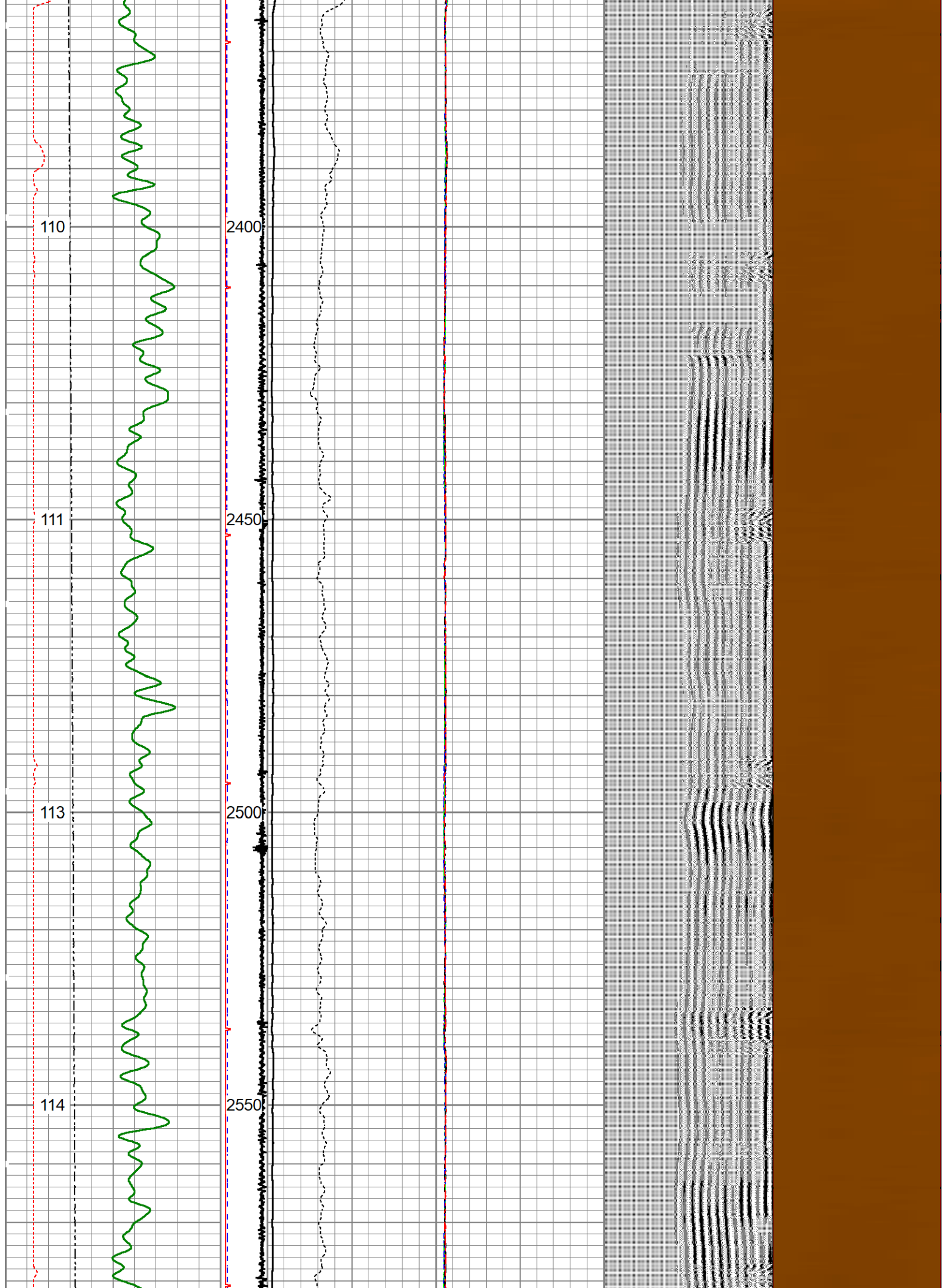


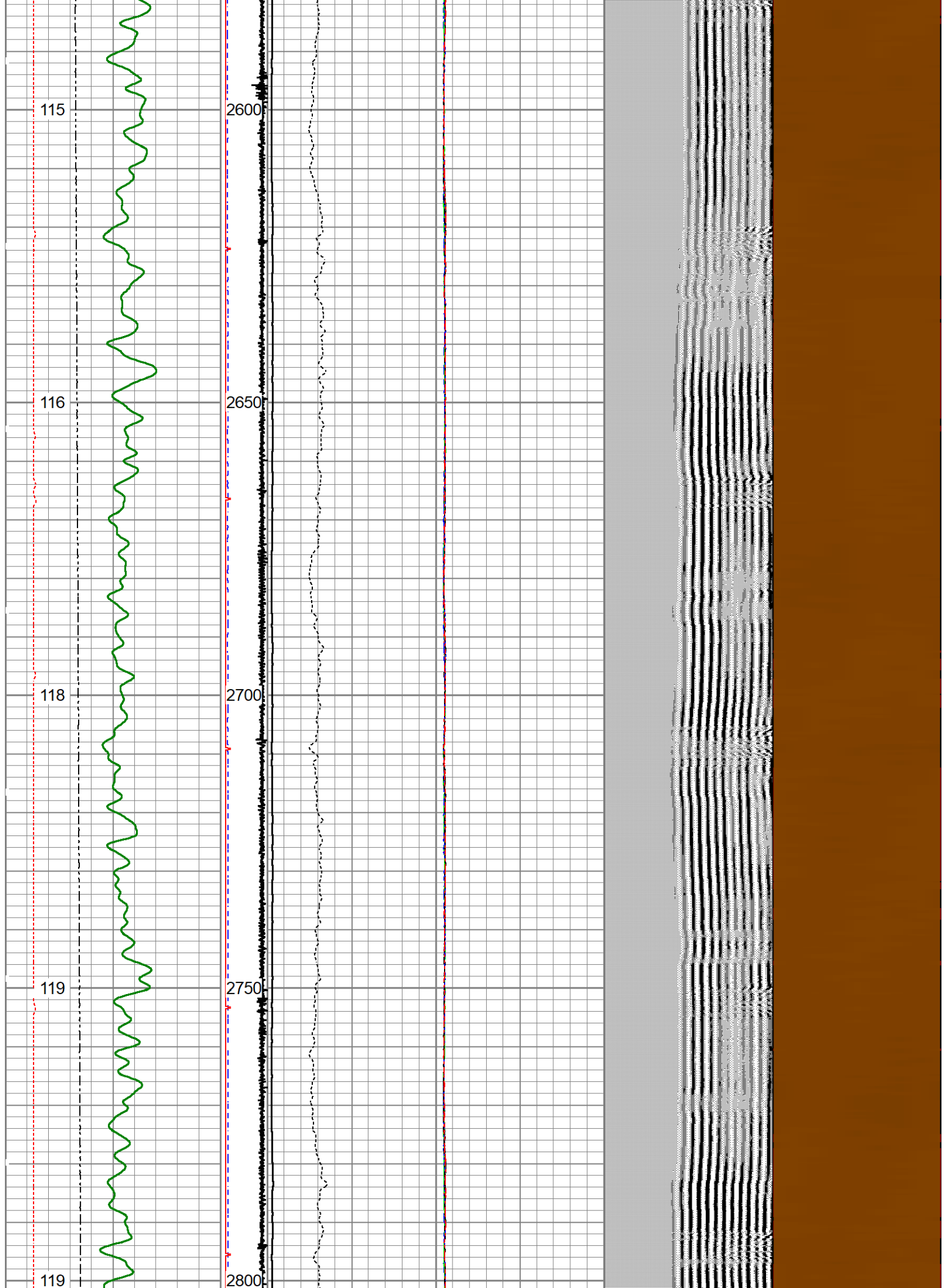


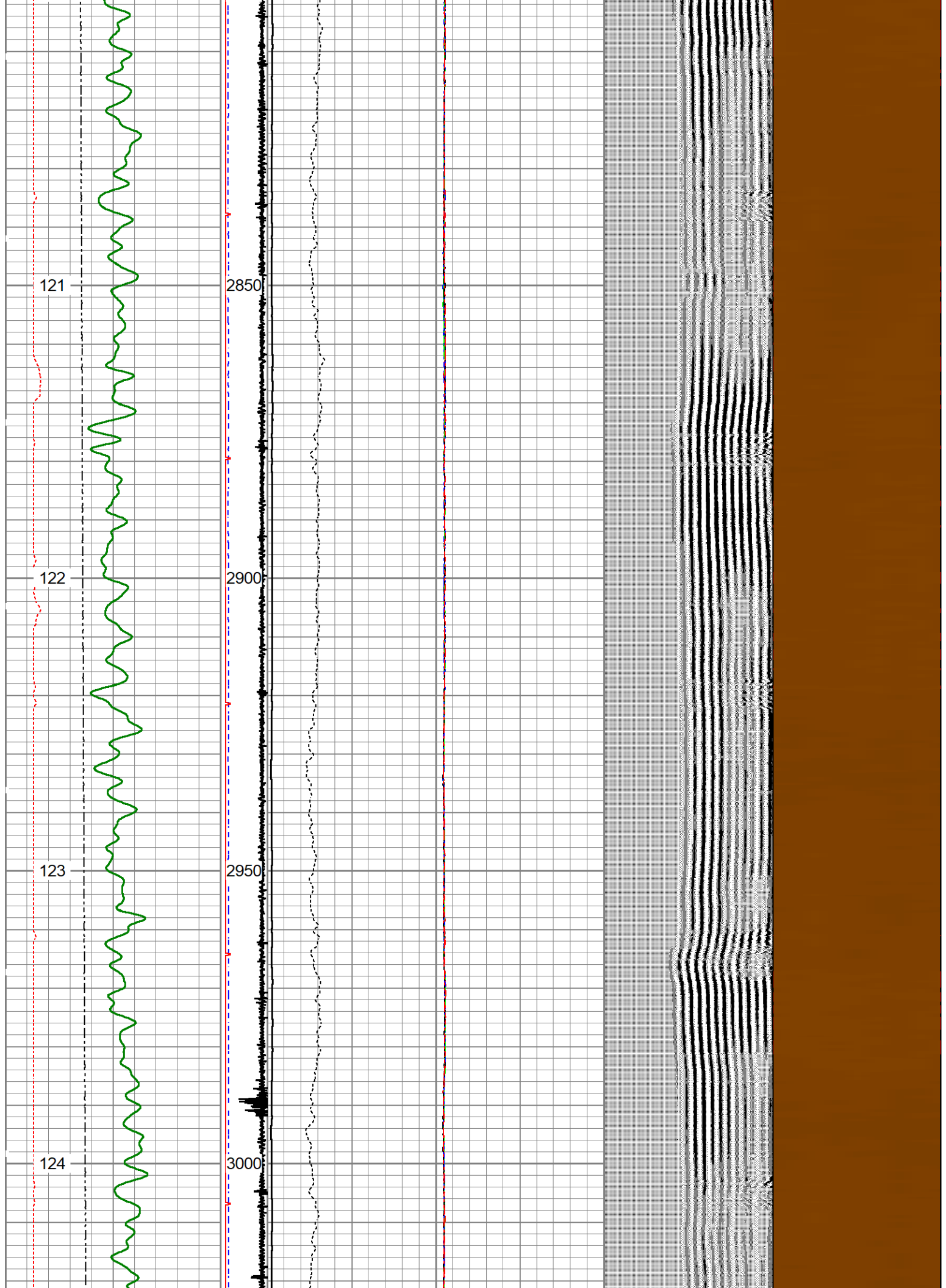


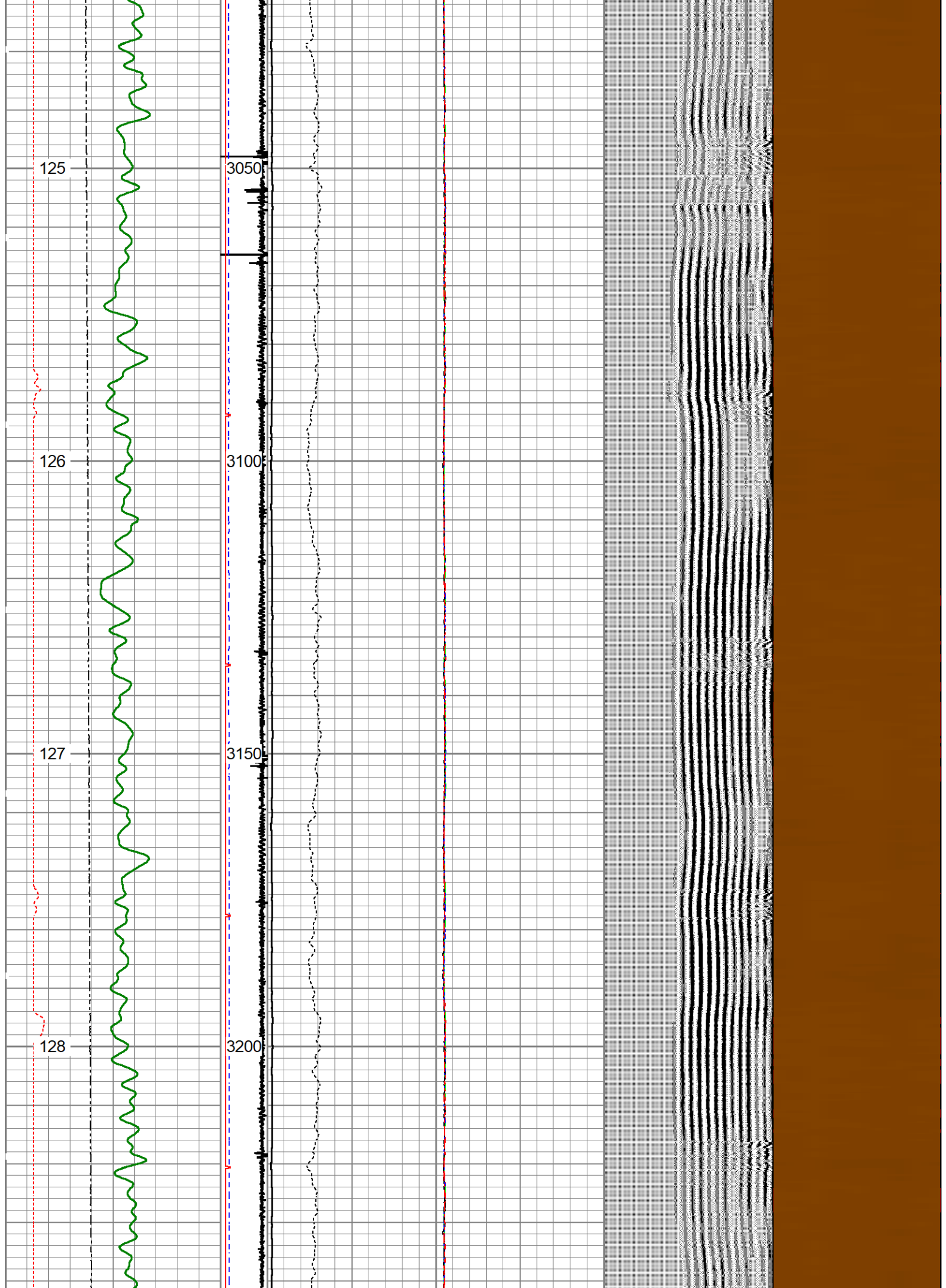


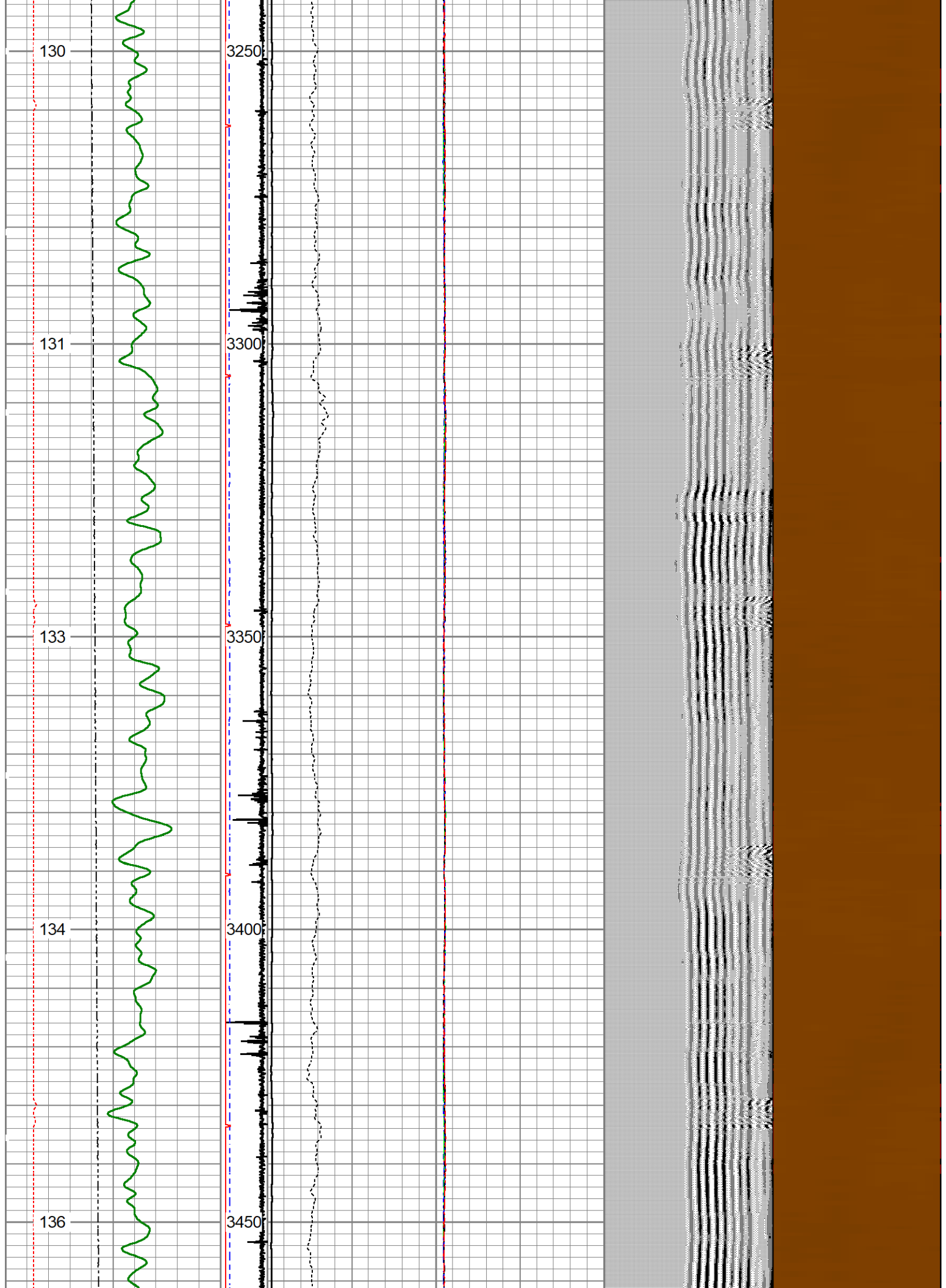


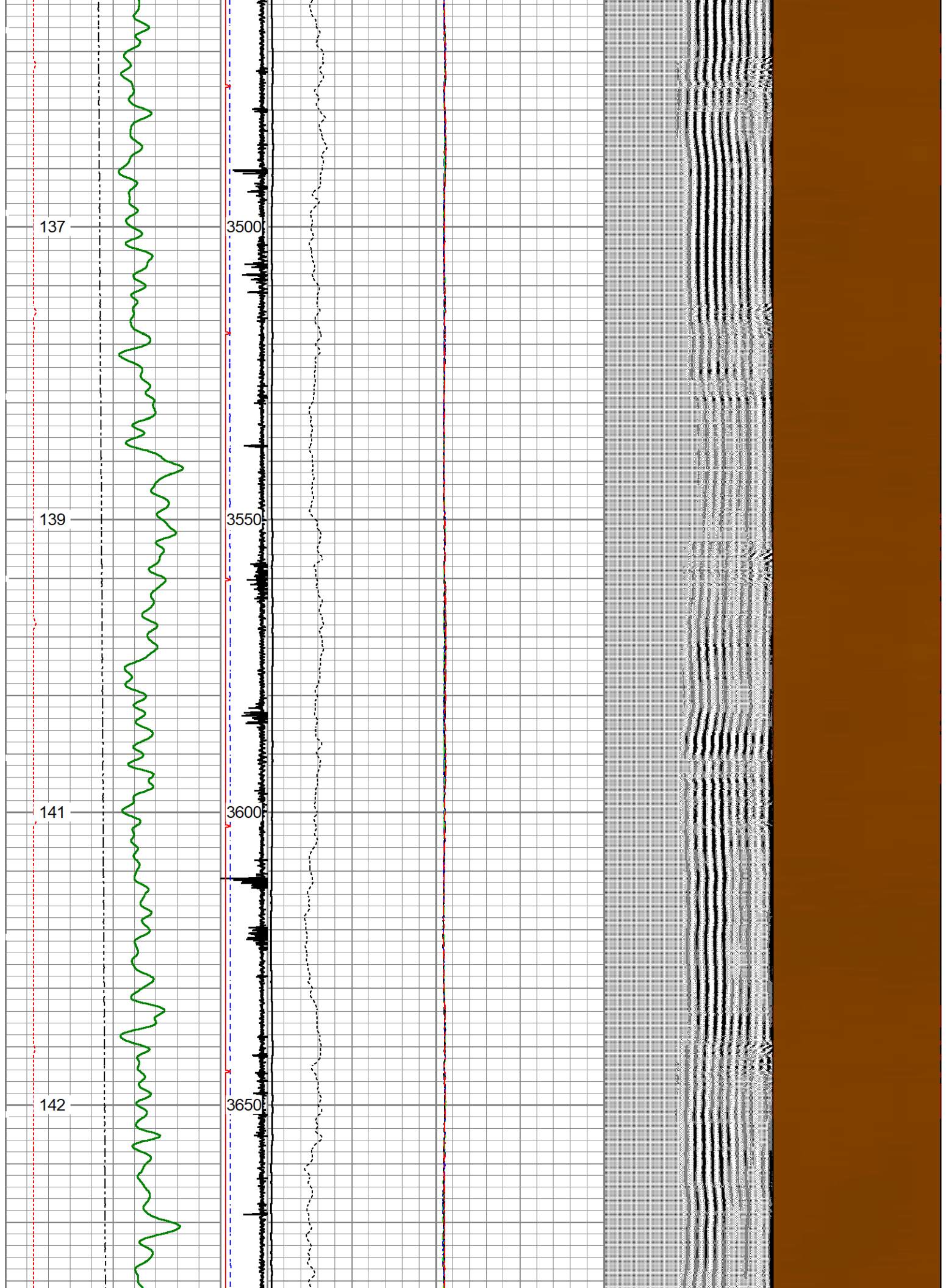


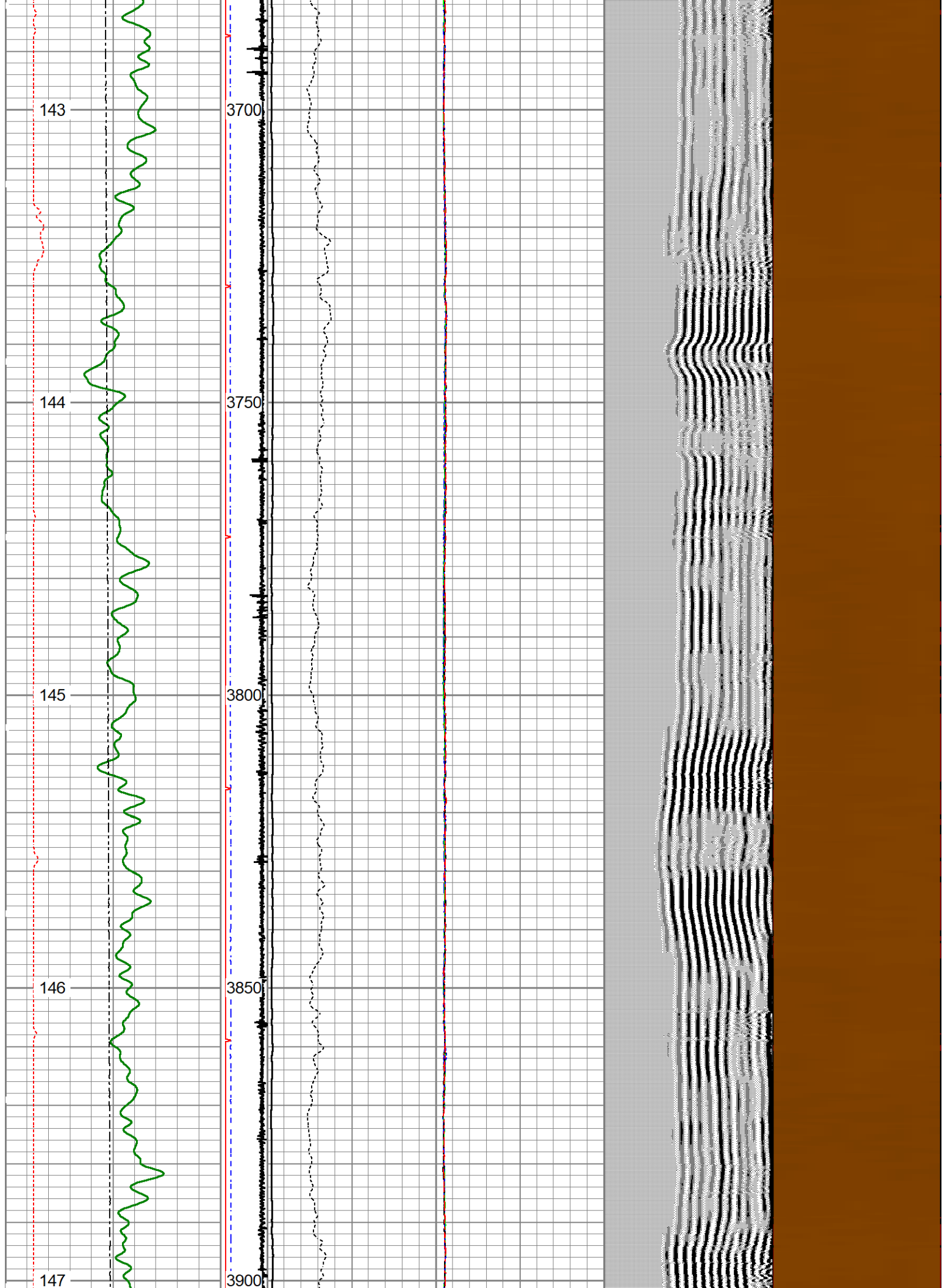


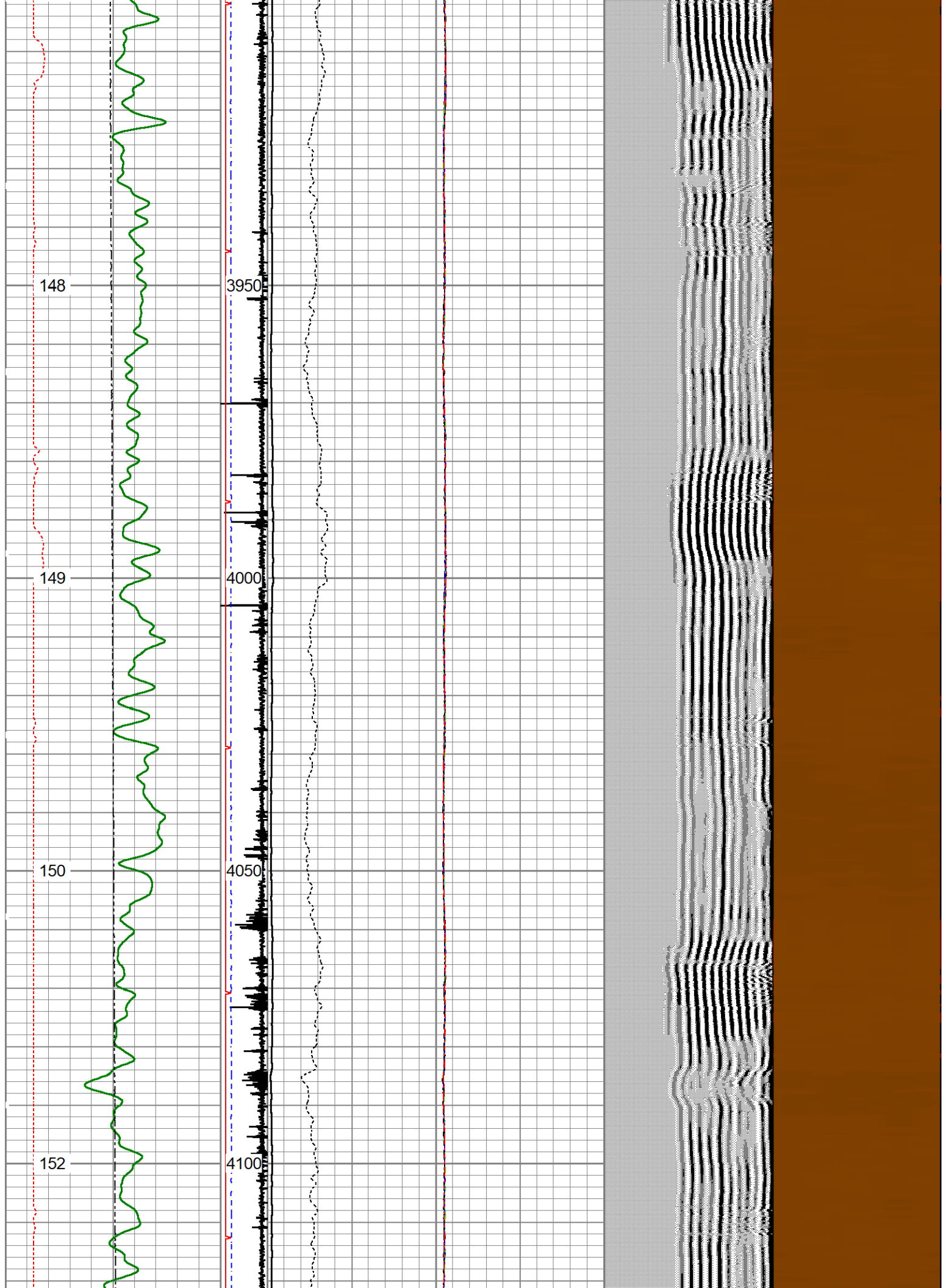


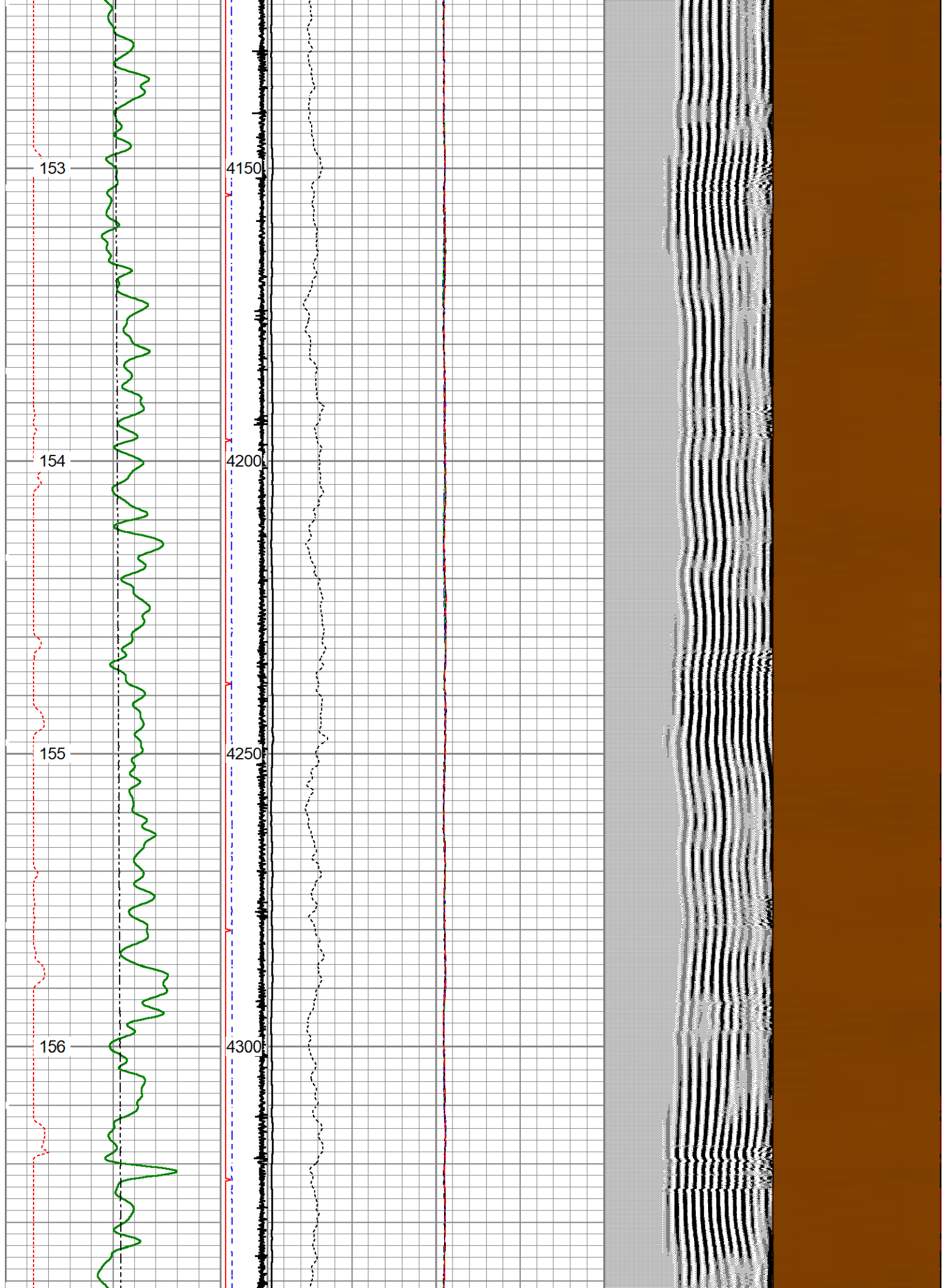


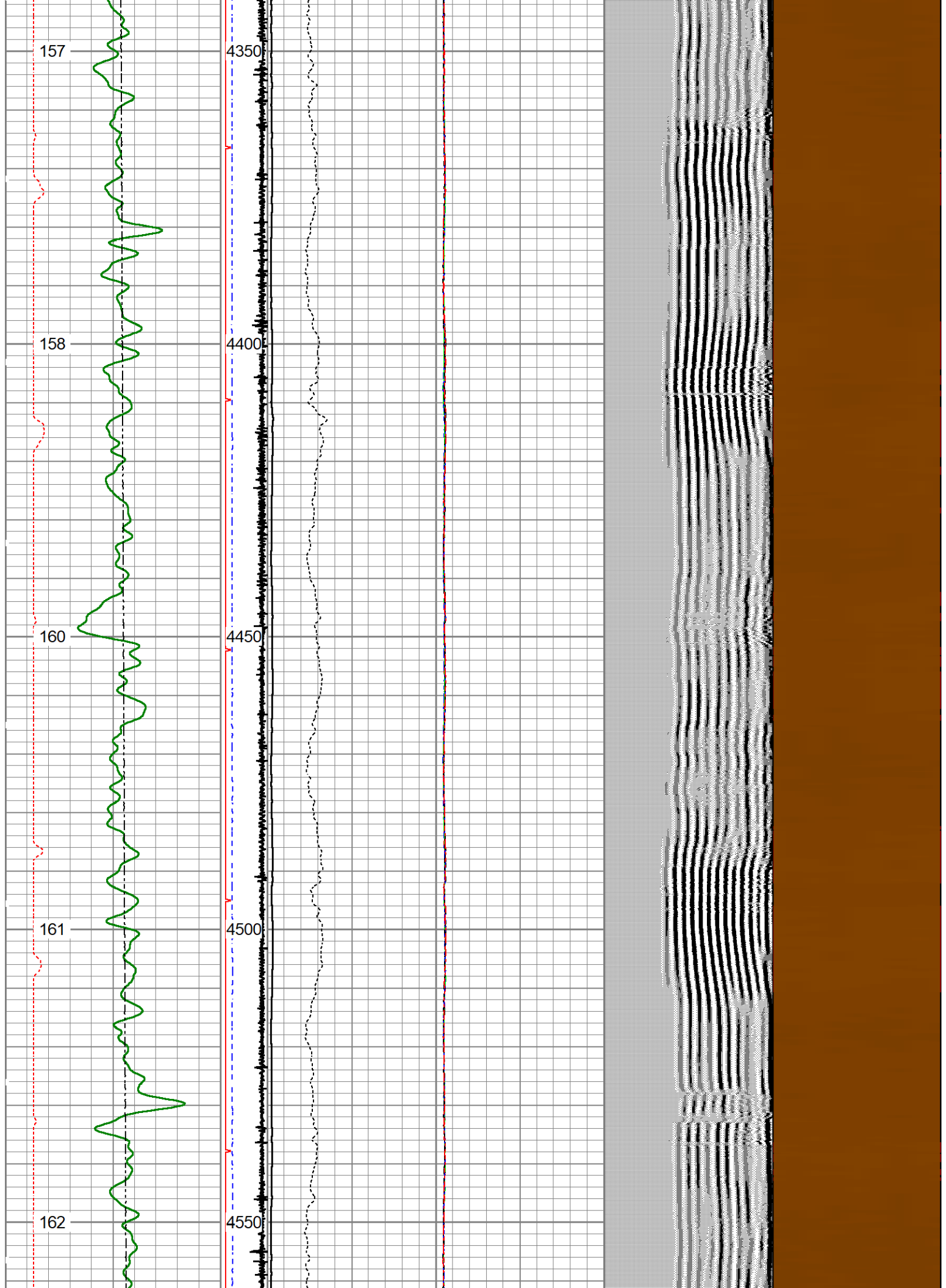


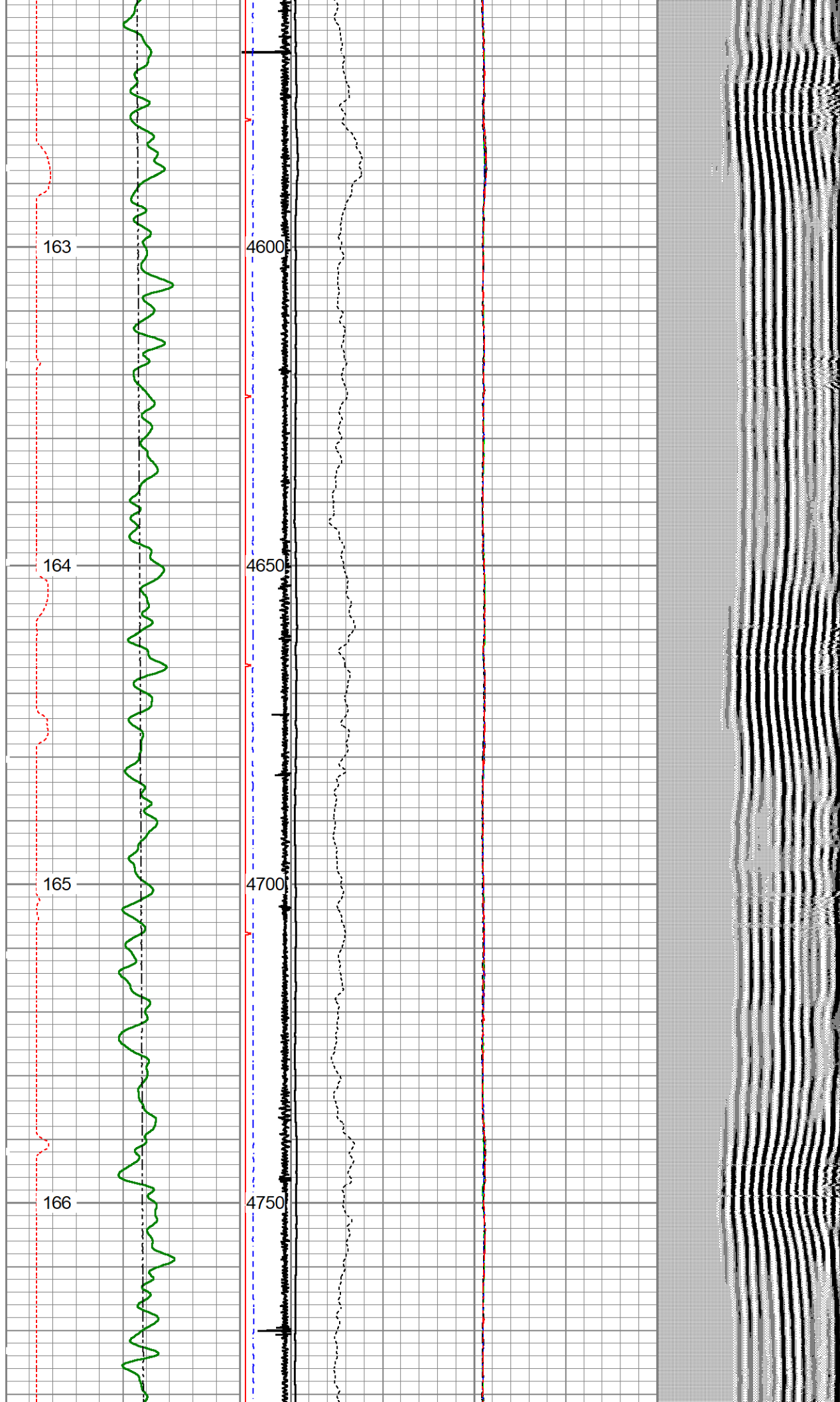






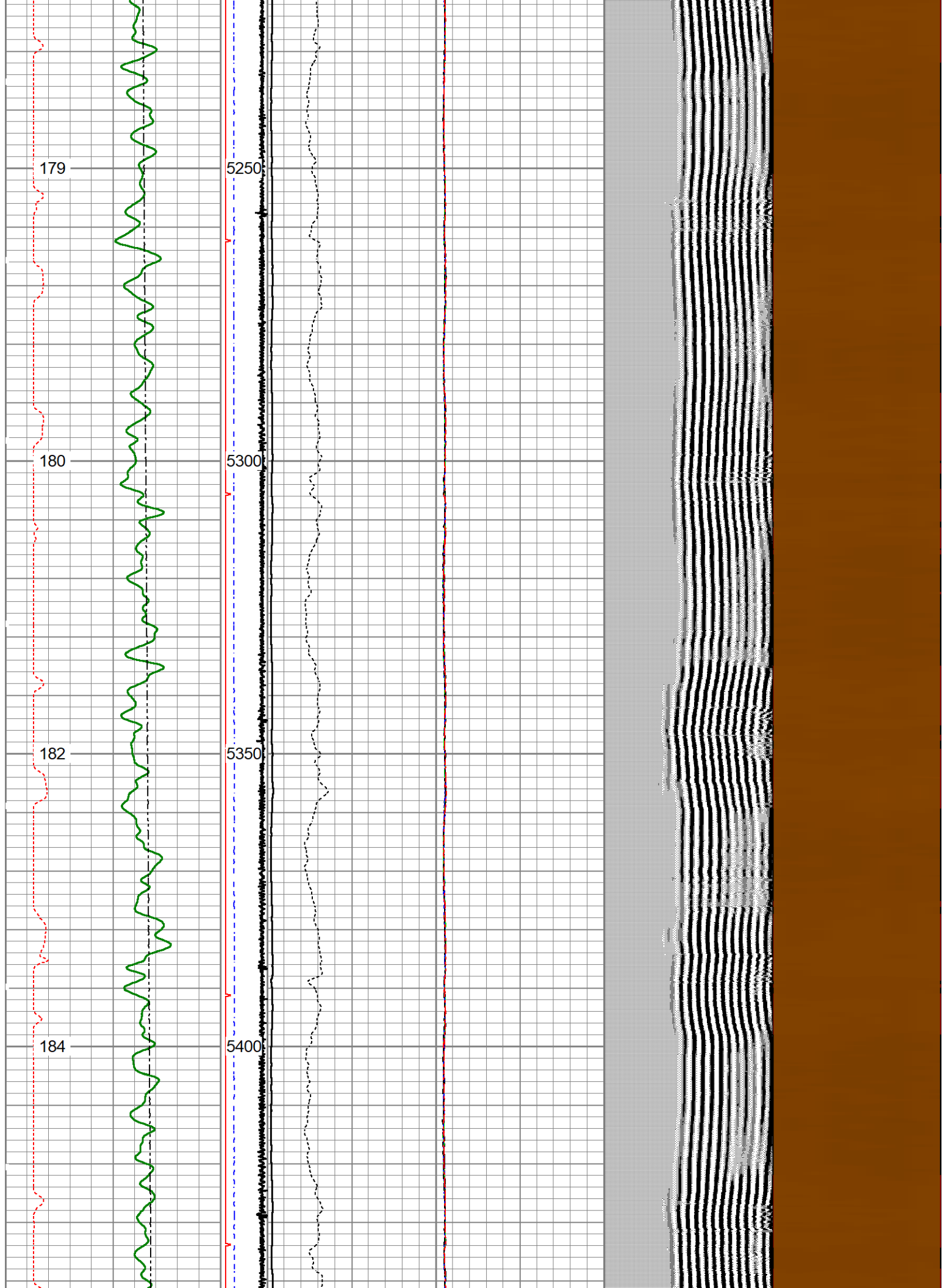




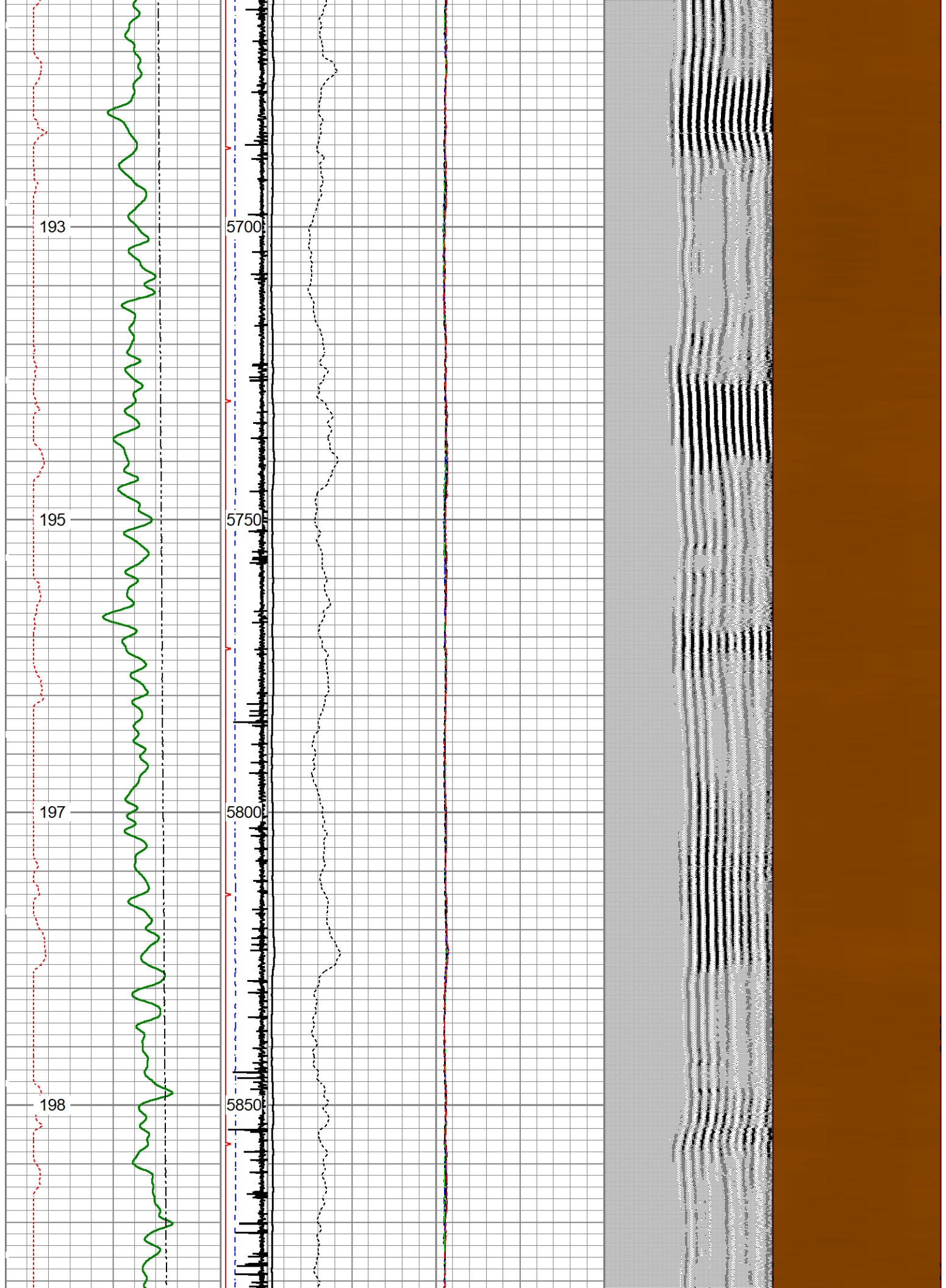


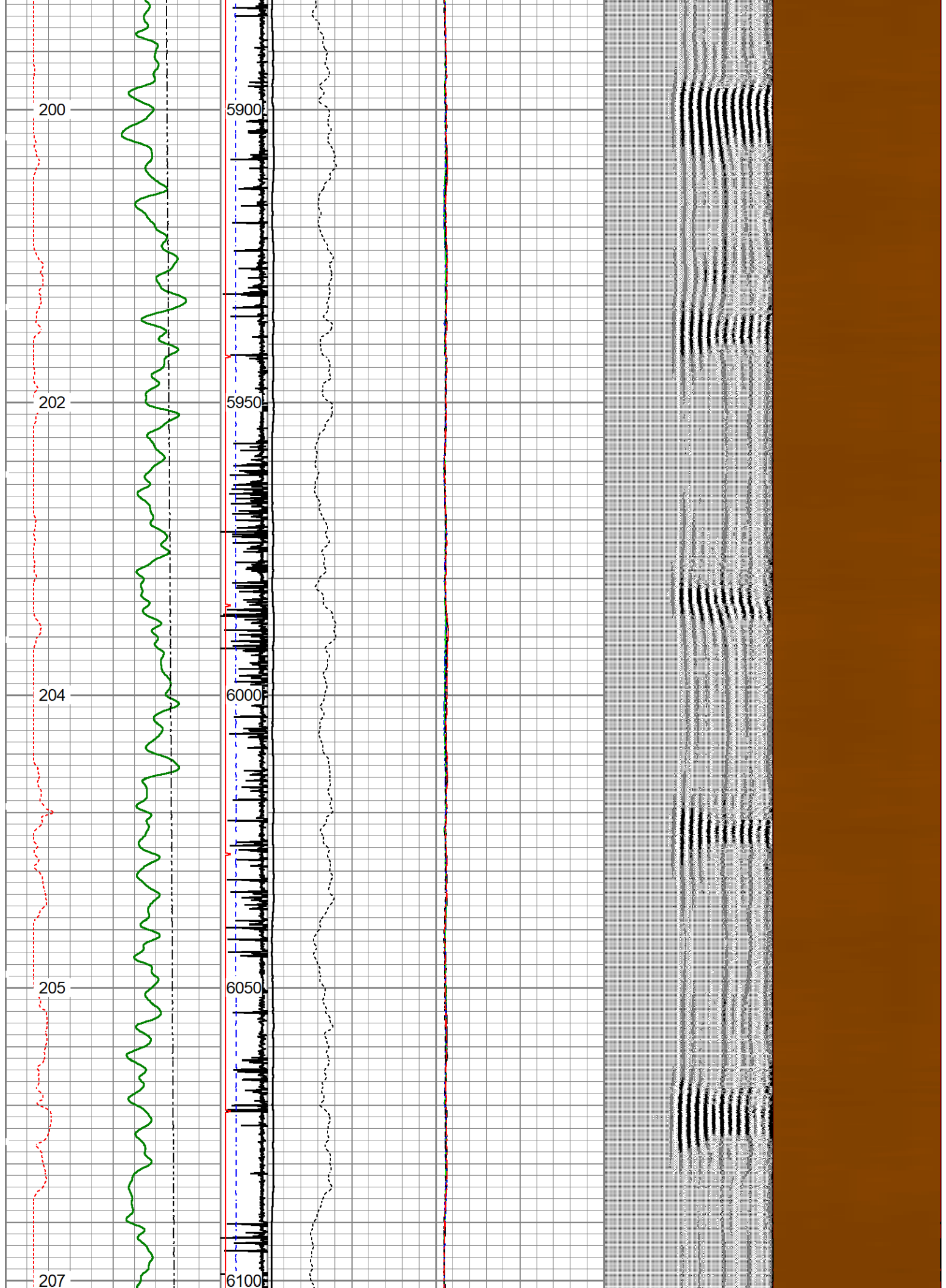




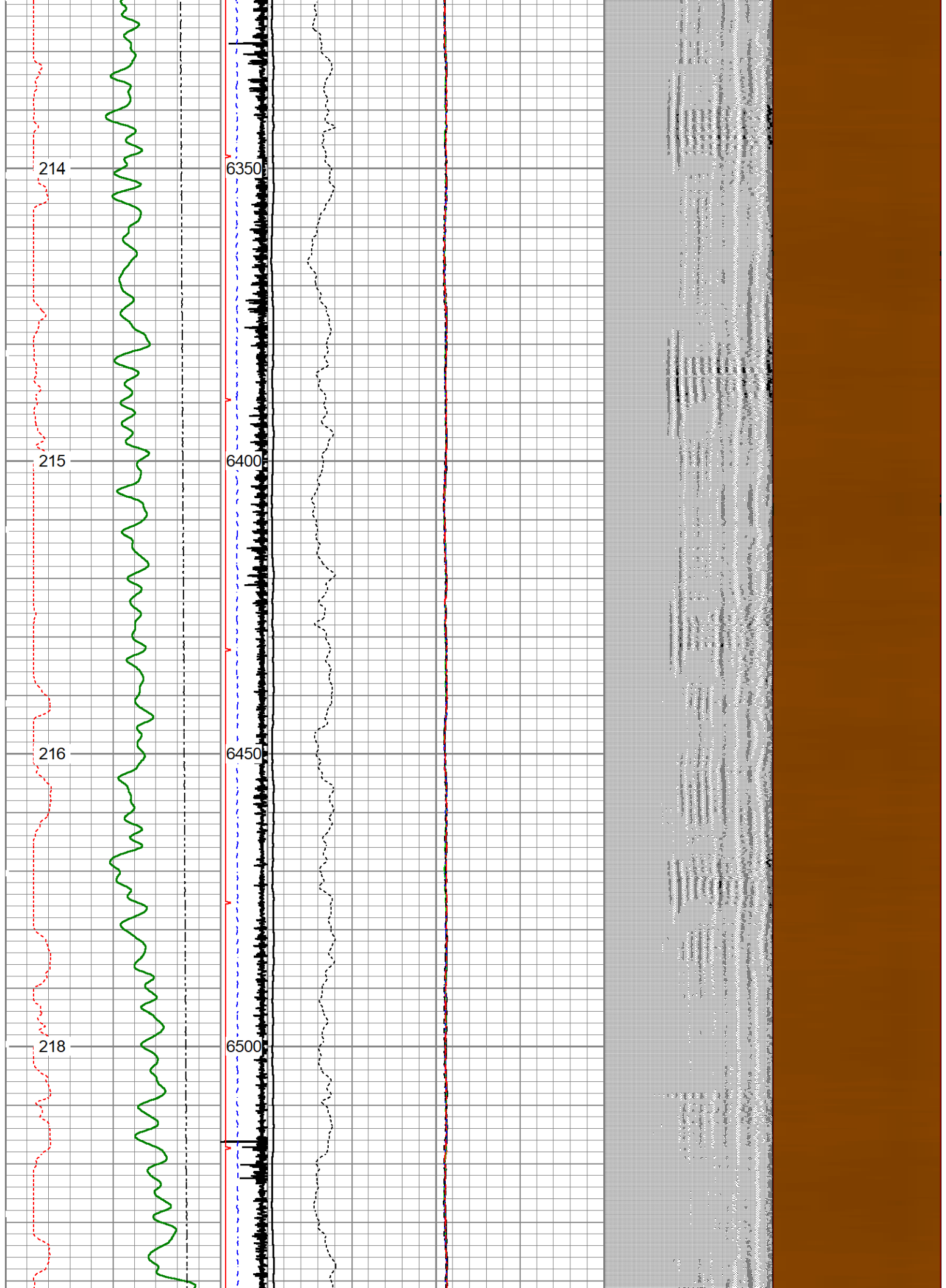


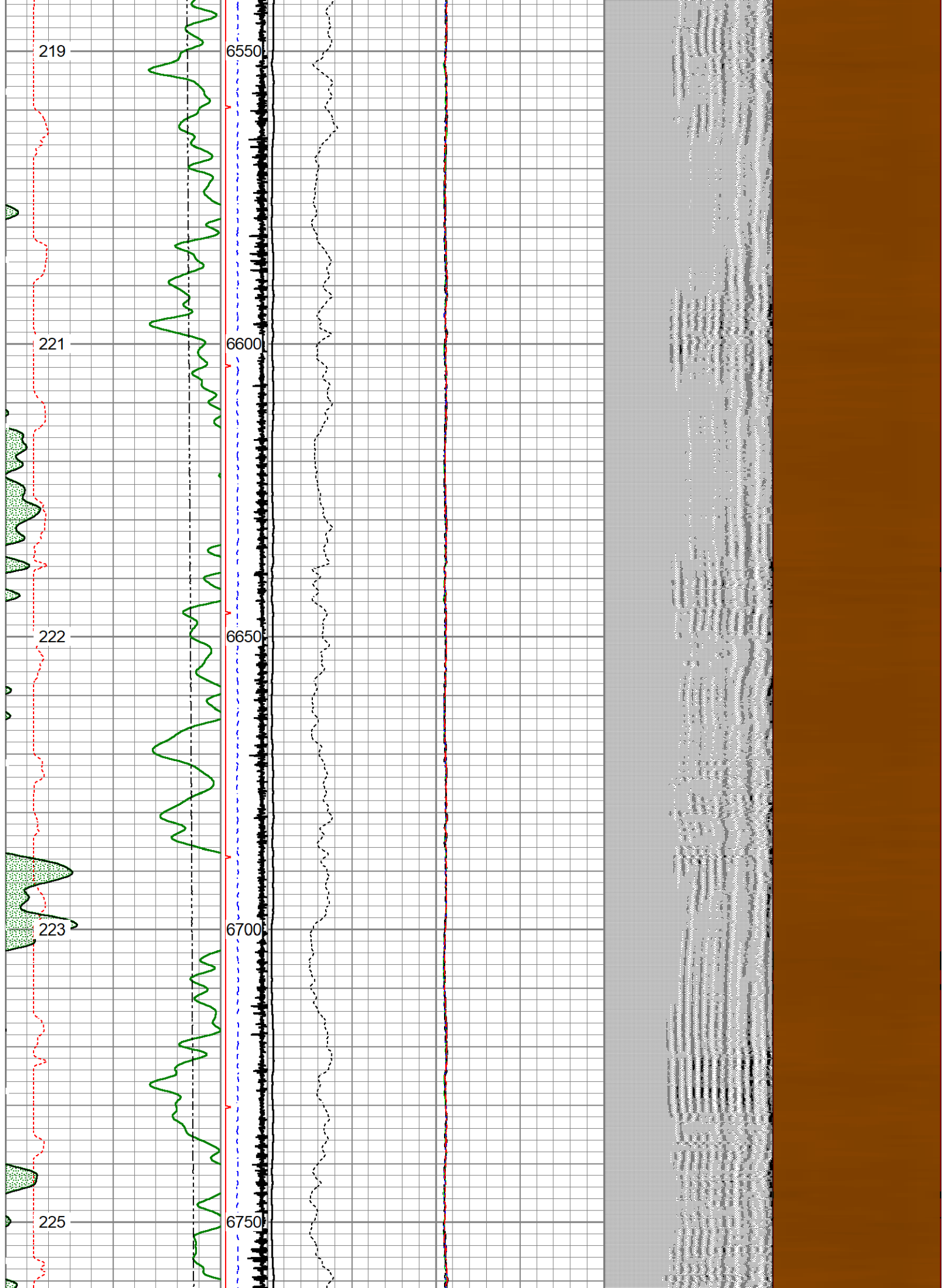


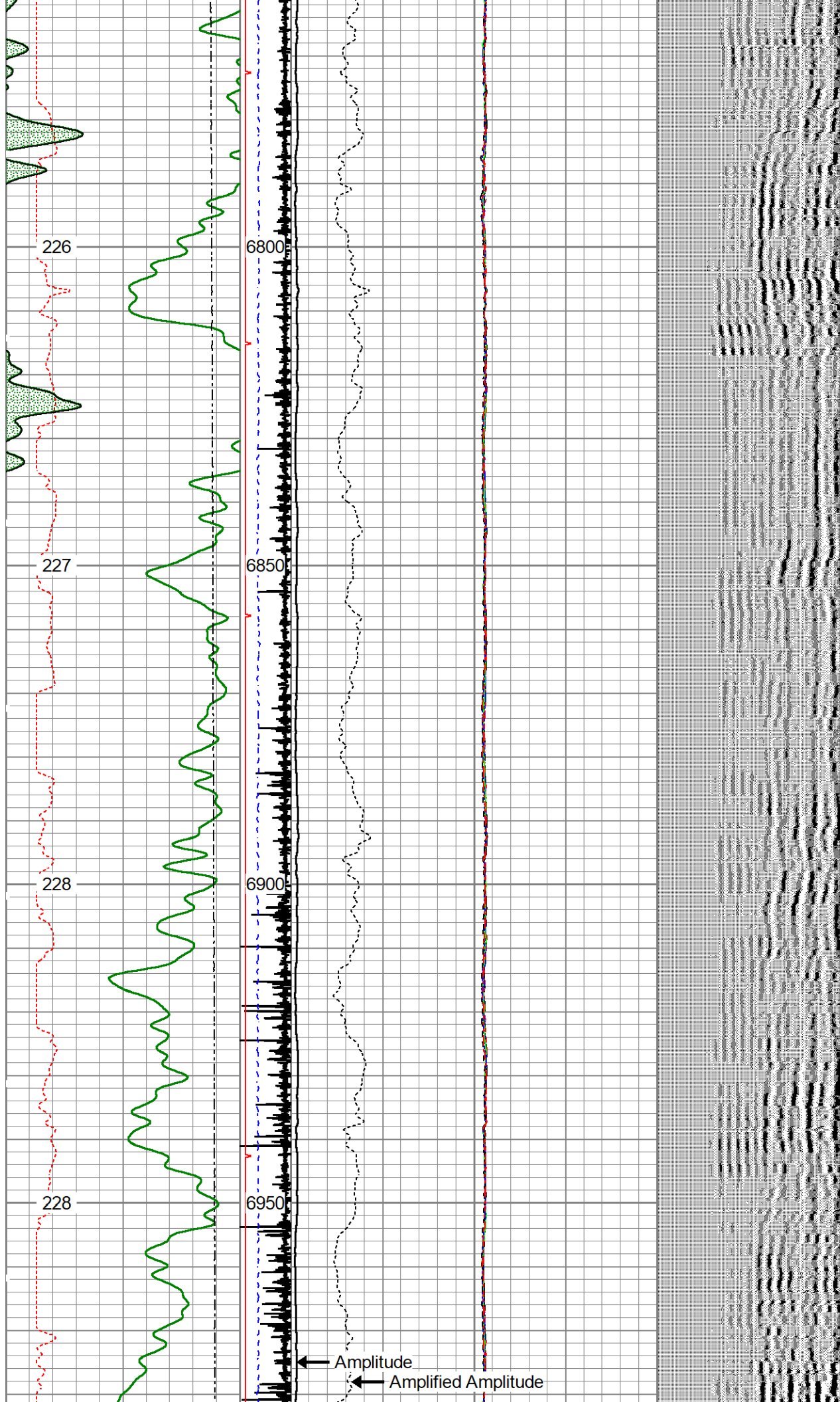


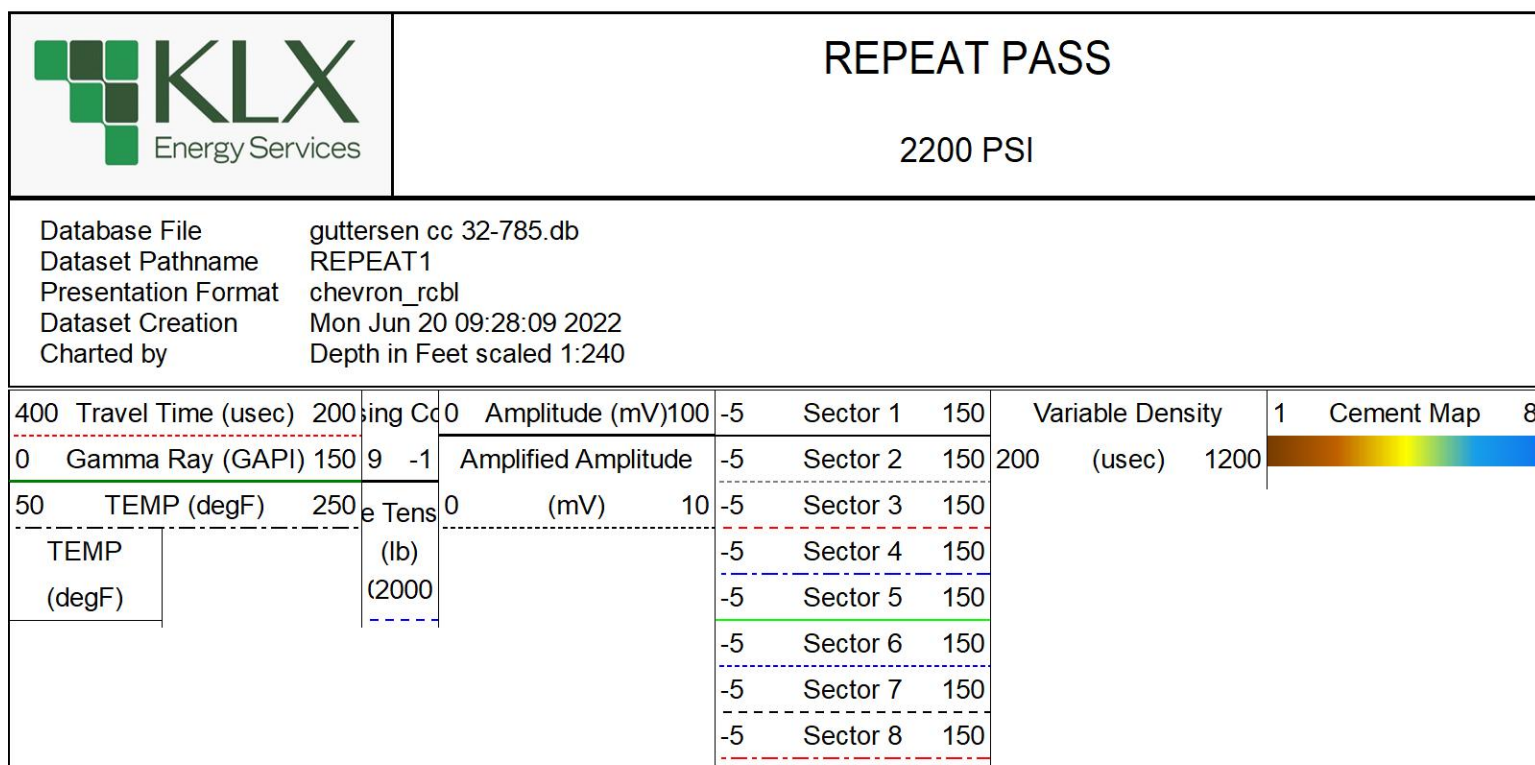
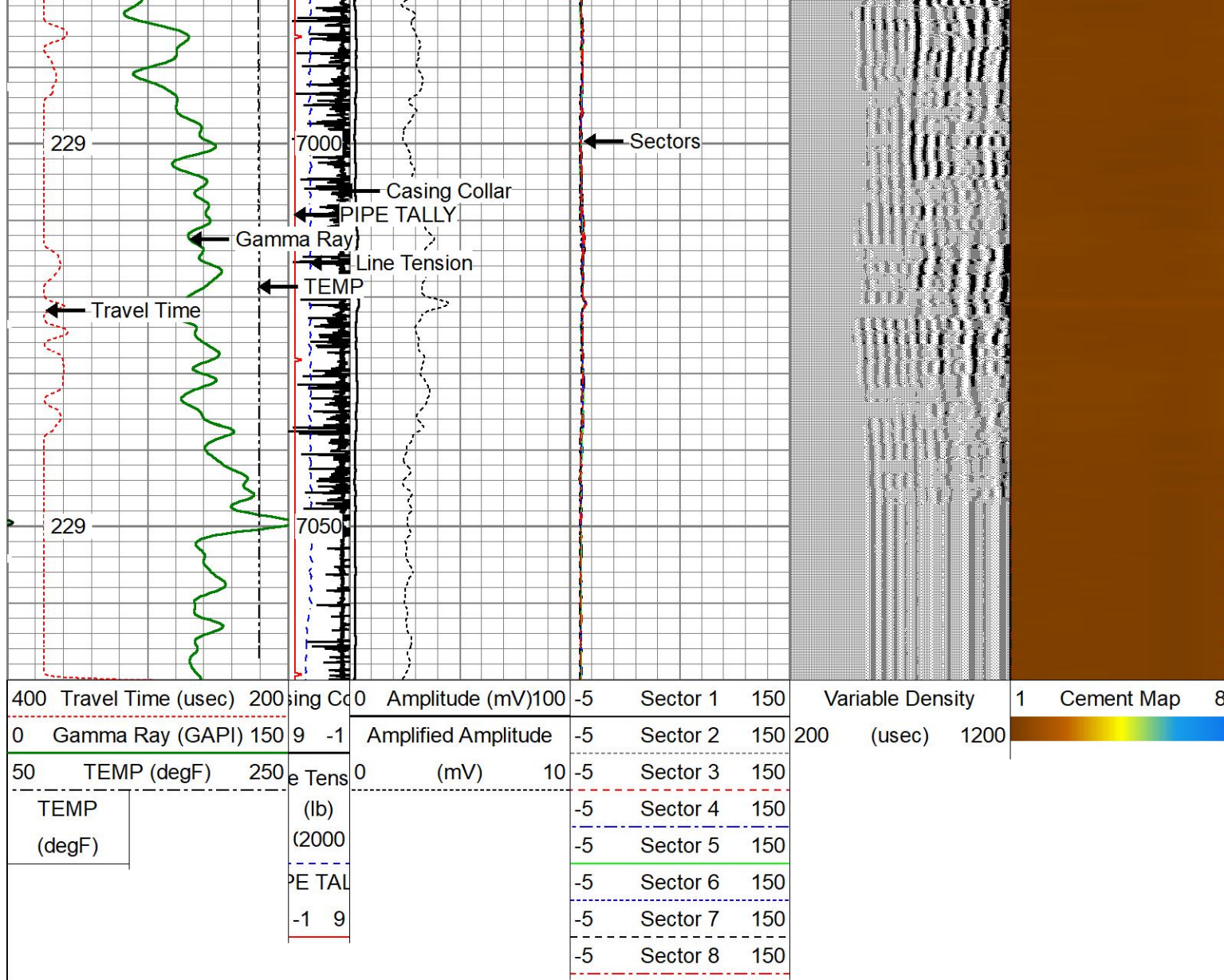


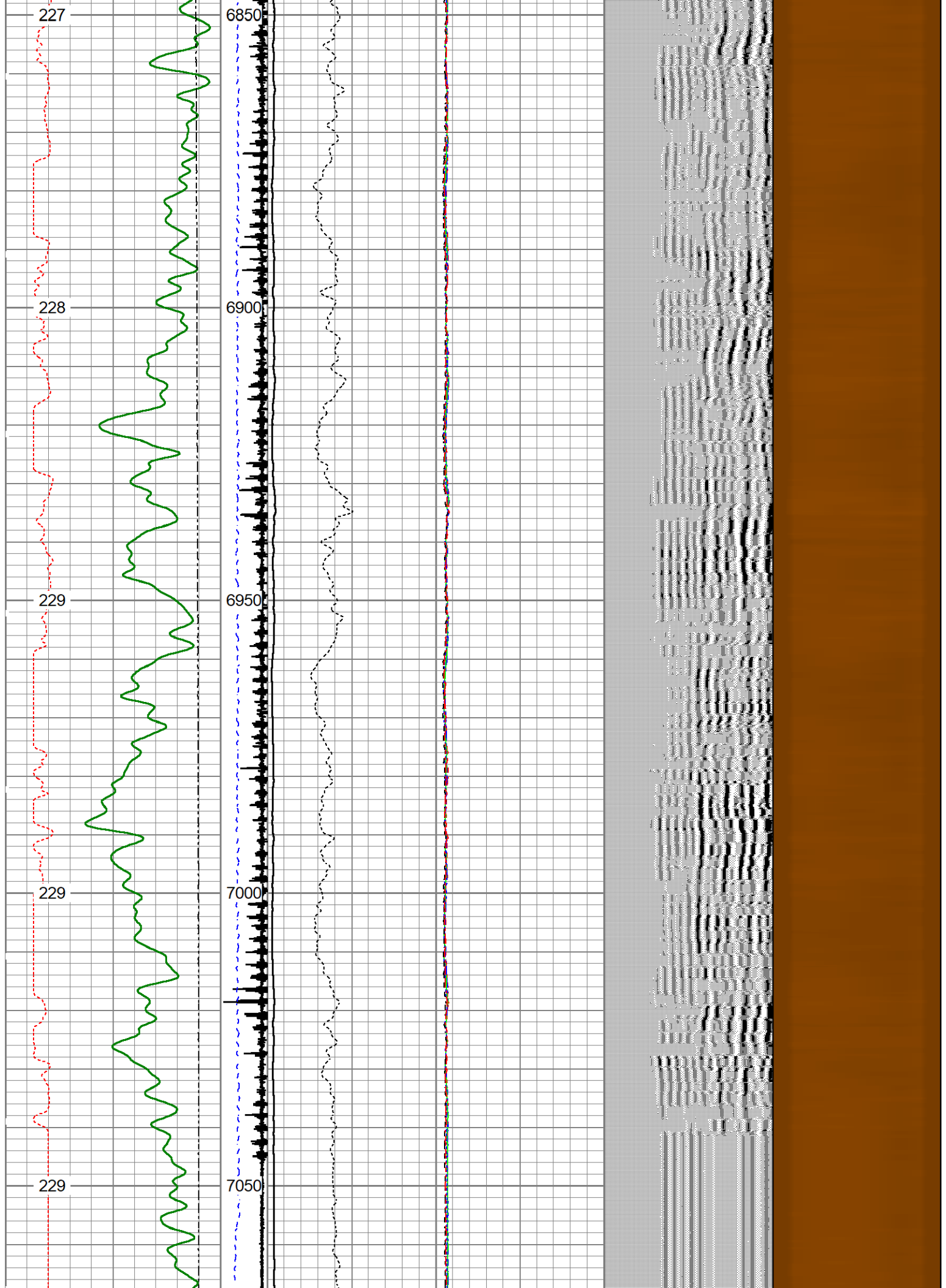


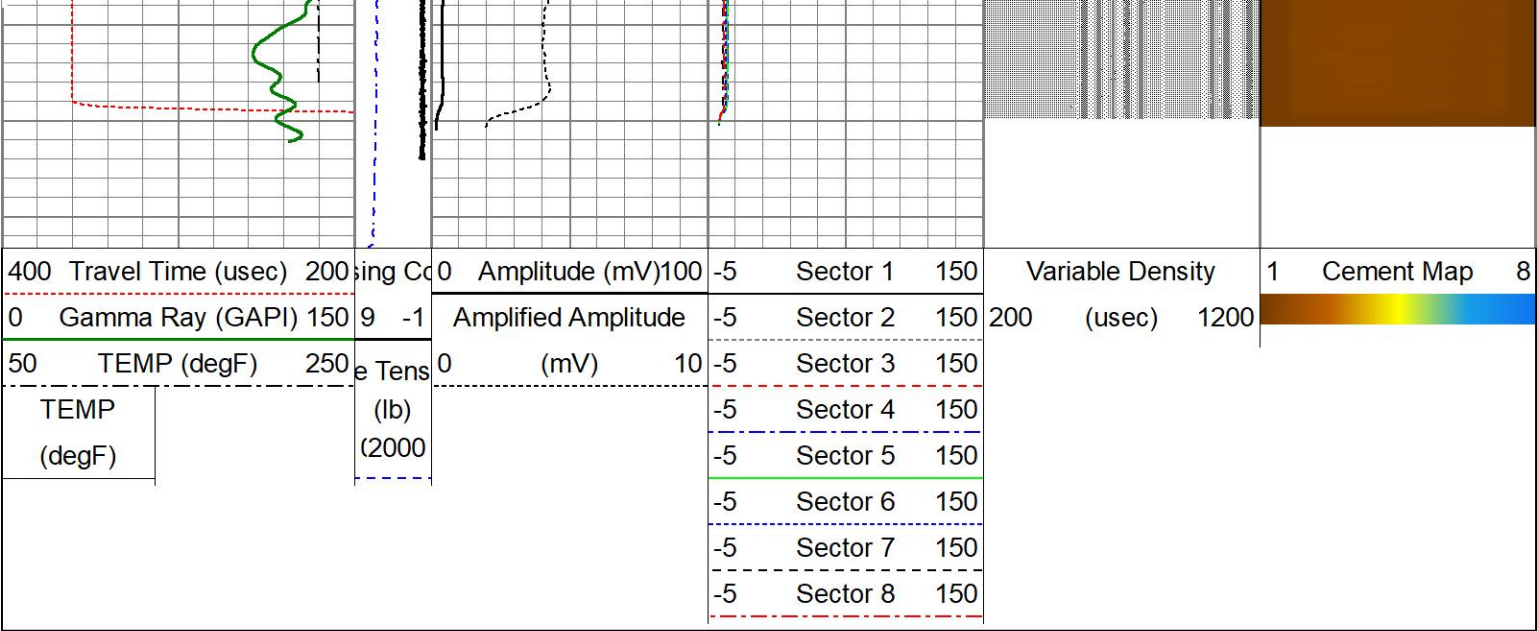












Calibration Report						
Database File	guttersen cc 32-785.db					
Dataset Pathname	cbl3					
Dataset Creation	Mon Jun 20 13:51:40 2022					
Compensated Neutron Calibration Report						
			Type / Serial:	275_CNL / 121053		
			Source / Verifier:	/		
			Temperature:			
SHOP CALIBRATION		Wed Jun 8 10:15:55 2022				
	Cal Tube	Units				
Tank Ratio		SS/LS				
Tank Porosity		pu				
LS Detector		cps				
SS Detector		cps				
Tool Ratio		SS/LS				
Tool Porosity		pu				
Tool Constant =						
Field Verifier	SS Detector	LS Detector	Ratio	Porosity		
PRE-SURVEY VERIFICATION						
	SS Detector	LS Detector	Ratio	Porosity		
POST-SURVEY VERIFICATION						
	SS Detector	LS Detector	Ratio	Porosity		
Gamma Ray Calibration Report						
Serial Number:	FW1401-53					
Tool Model:	Probe275					
Performed:	(Not Performed)					
Calibrator Value:	1.0	GAPI				
Background Reading:	0.0	cps				
Calibrator Reading:	1.0	cps				
Sensitivity:	1.0000	GAPI/cps				
Segmented Cement Bond Log Calibration Report						
Serial Number:	FW1304-128					
Tool Model:	Probe 2.75 Radii W/Temp					
Calibration Casing Diameter:	5.500	in				
Calibration Depth:	315.175	ft				
Master Calibration, performed (Derived):						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.007	0.575	1.000	71.921	121.895	1.811
CAL	-0.007	0.738				
5'	0.000	0.404	1.000	71.921	142.505	0.037

S	0.000	0.494	1.000	71.921	145.595	0.937
SUM						
S1	-0.015	0.558	0.000	100.000	174.480	2.572
S2	-0.006	0.598	0.000	100.000	165.399	1.049
S3	-0.007	0.619	0.000	100.000	159.754	1.121
S4	-0.005	0.615	0.000	100.000	161.232	0.840
S5	-0.006	0.591	0.000	100.000	167.534	1.018
S6	-0.006	0.574	0.000	100.000	172.336	1.089
S7	-0.007	0.559	0.000	100.000	176.725	1.239
S8	-0.007	0.566	0.000	100.000	174.510	1.140

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.007	0.738	1.000	0.000

Air Zero Calibration, performed Mon Jun 20 08:16:46 2022:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	
SUM						
S1	0.000		0.000		0.000	
S2	0.000		0.000		0.000	
S3	0.000		0.000		0.000	
S4	0.000		0.000		0.000	
S5	0.000		0.000		0.000	
S6	0.000		0.000		0.000	
S7	0.000		0.000		0.000	
S8	0.000		0.000		0.000	



Company	CHEVRON	
Well	GUTTERSEN CC 32-785	
Field	WATTENBERG	
County	WELD	
State	COLORADO	
		Country USA