



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

Company	CHEVRON	Country	USA
Well	GUTTERSEN D10-735		
Field	WATTENBERG		
County	WELD		
State	COLORADO		
Location:	SEC 34 TWP 4N RGE 64W	API # : 05-123-48914	Other Services
Permanent Datum	GL	Elevation	4697'
Log Measured From	KB		
Drilling Measured From	KB		
	SWSE		

Date	MAR-29-2022
Run Number	ONE
Depth Driller	17301'
Depth Logger	6999'
Bottom Logged Interval	6998'
Top Log Interval	SURFACE
Open Hole Size	8.50"
Type Fluid	WATER
Density / Viscosity	-
Max. Recorded Temp.	245
Estimated Cement Top	-
Time Well Ready	0700
Time Logger on Bottom	0800
Equipment Number	80
Location	PLATTEVILLE
Recorded By	K. GIRDLER
Witnessed By	C. MARTINEZ

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	Size			Wgt/Ft		Top	Bottom
Surface String	9-5/8"			36#		SURFACE	1928'
Prot. String							
Production String	5-1/2"			17#		SURFACE	17301
Liner							


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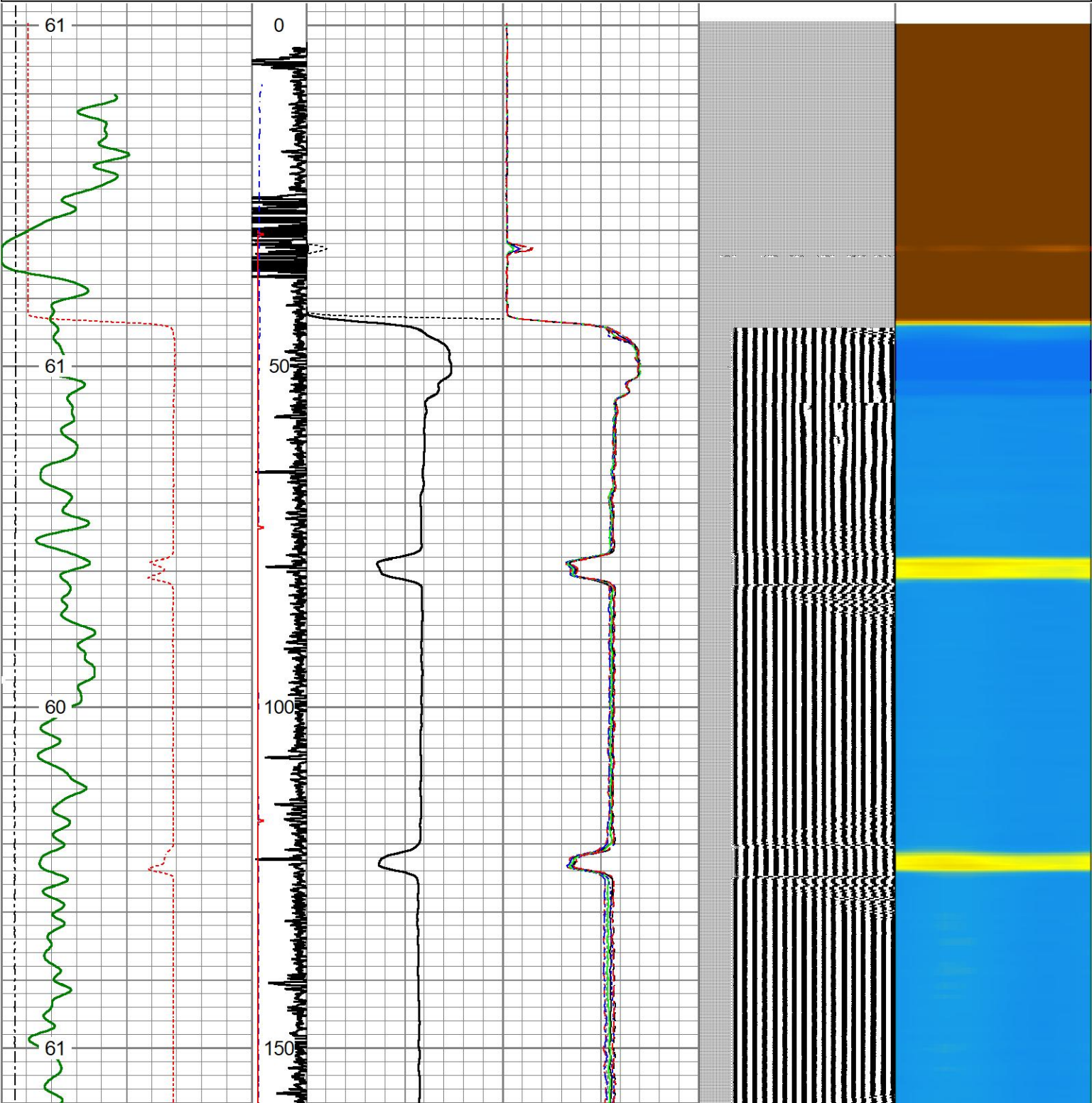
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

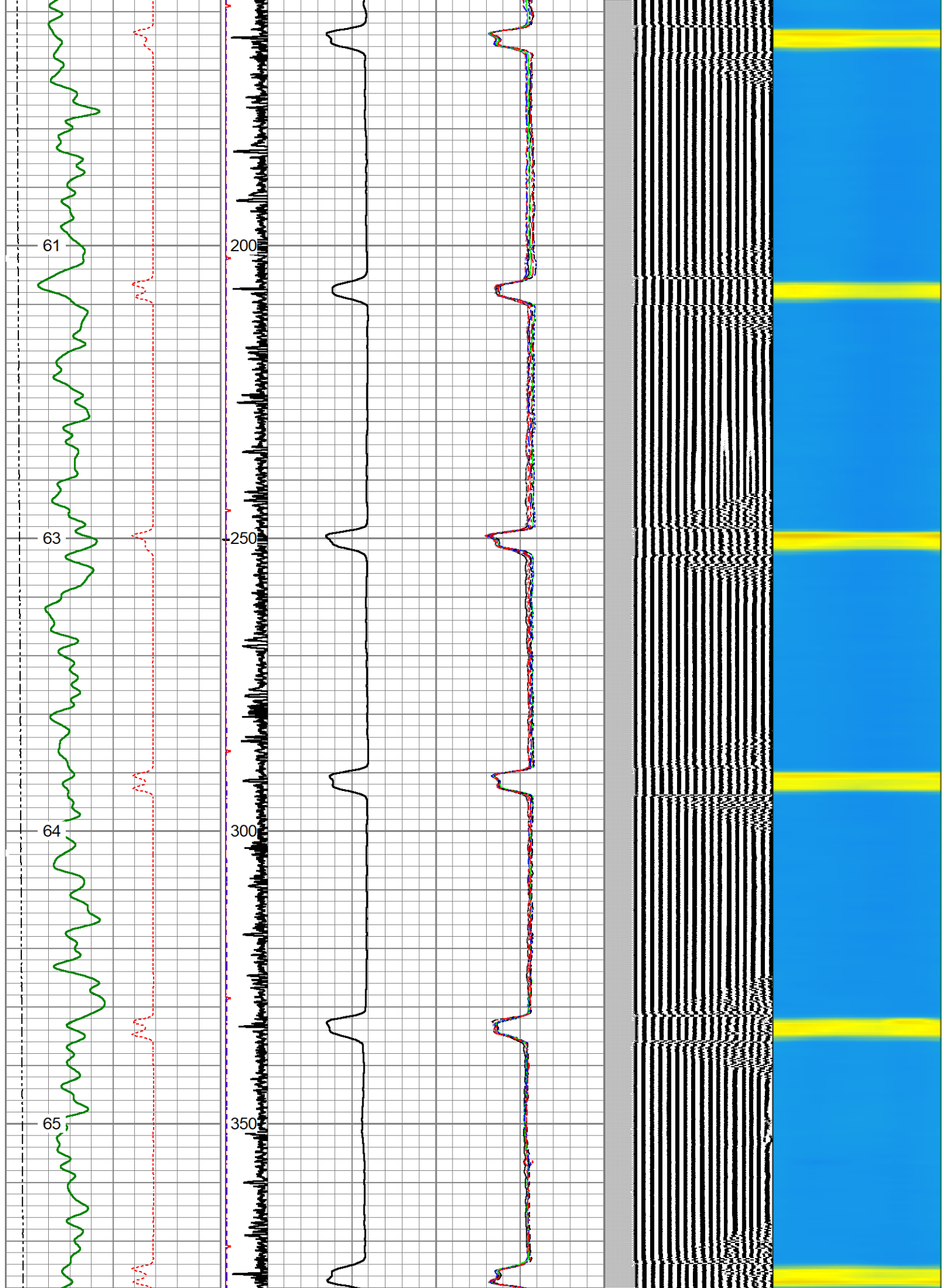
Comments

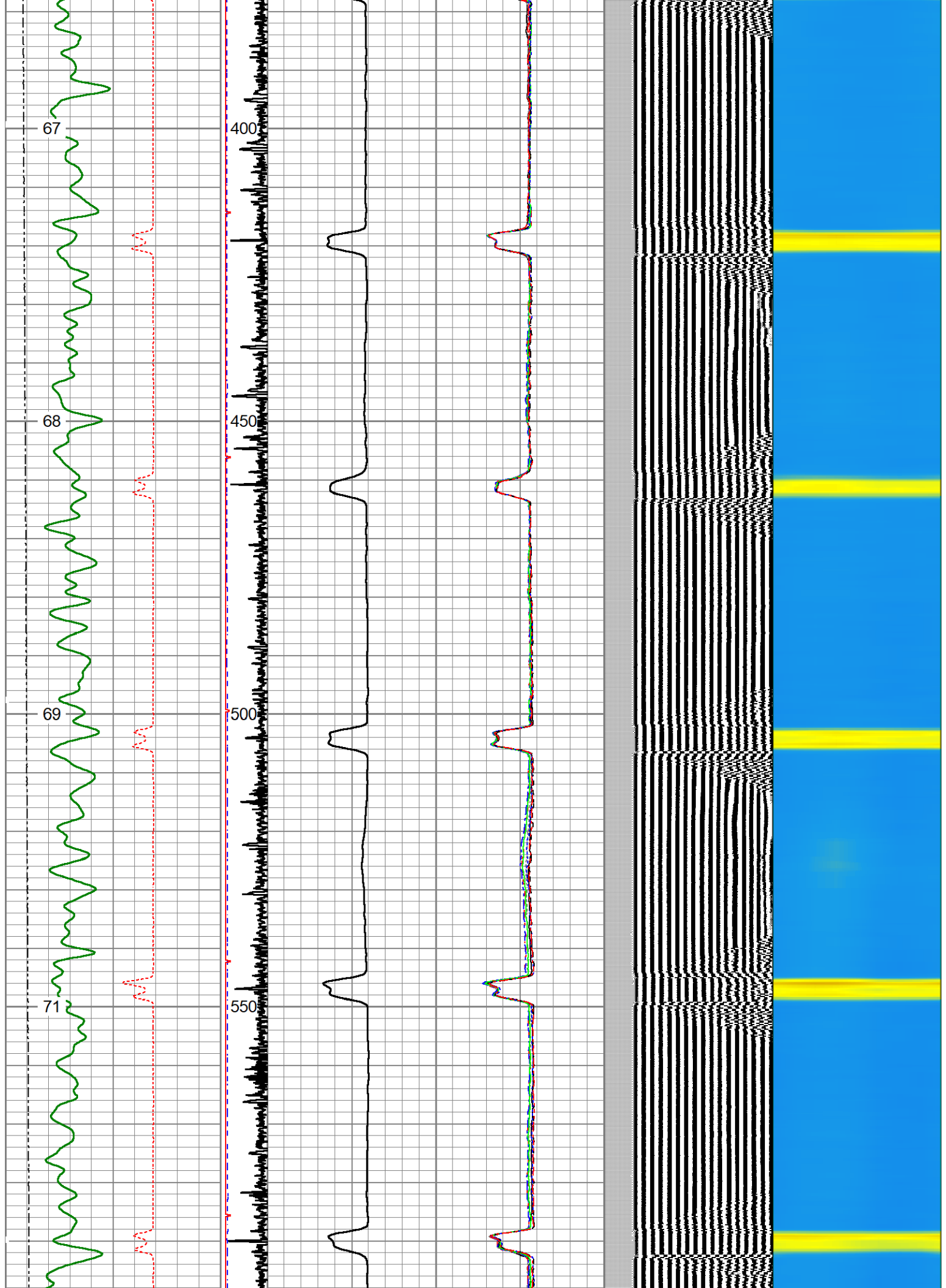
TOOLS RAN AS PER TOOLSTRING DIAGRAM
TOLLSTRING CENTRALIZED VIA 3 X GEMCO CENTRALIZERS
LOG CORRELATED TO MARKER JOINT @ 6138'-6158'

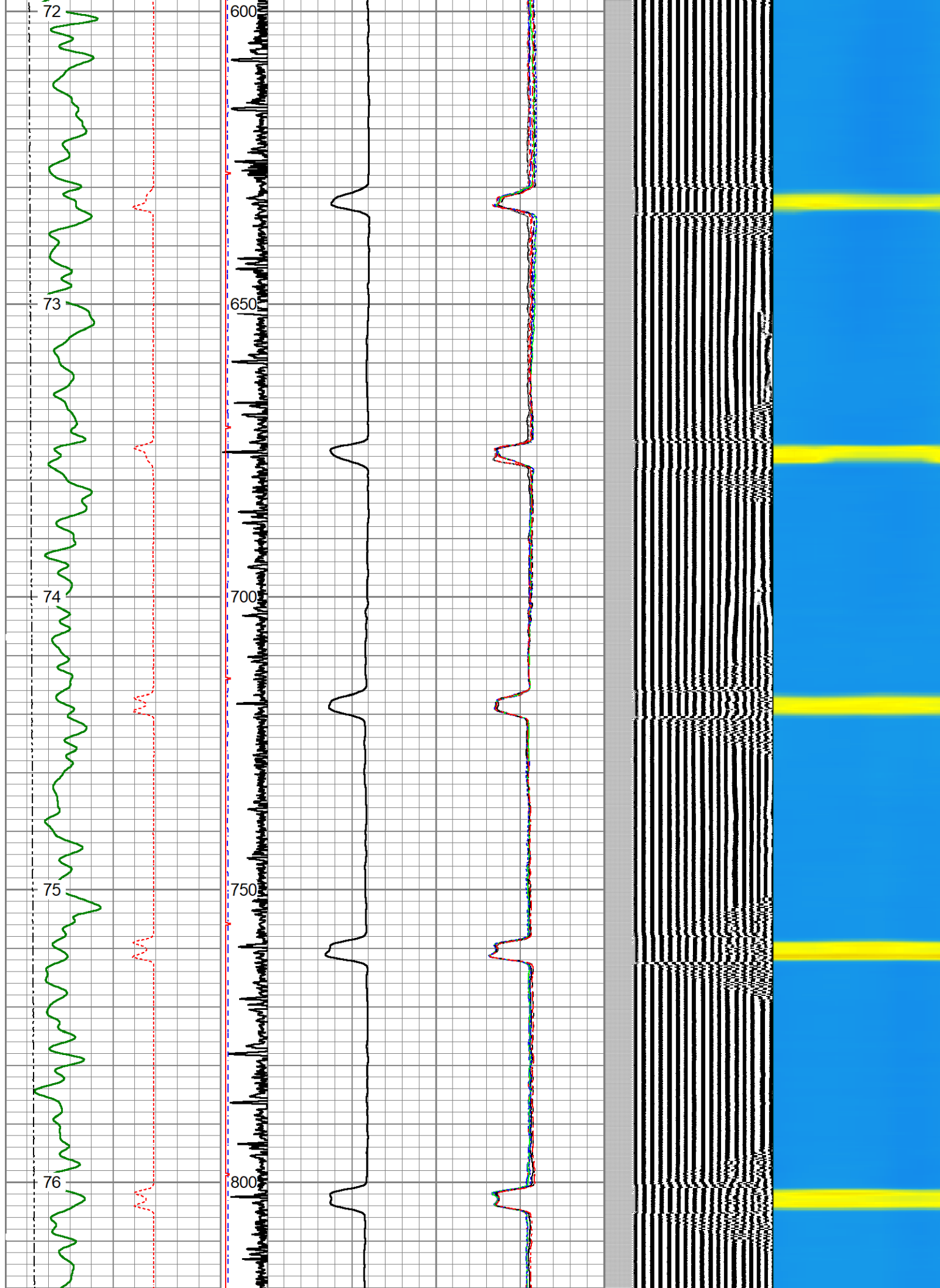
THANK YOU FOR CHOOSING KLX ENERGY SERVICES

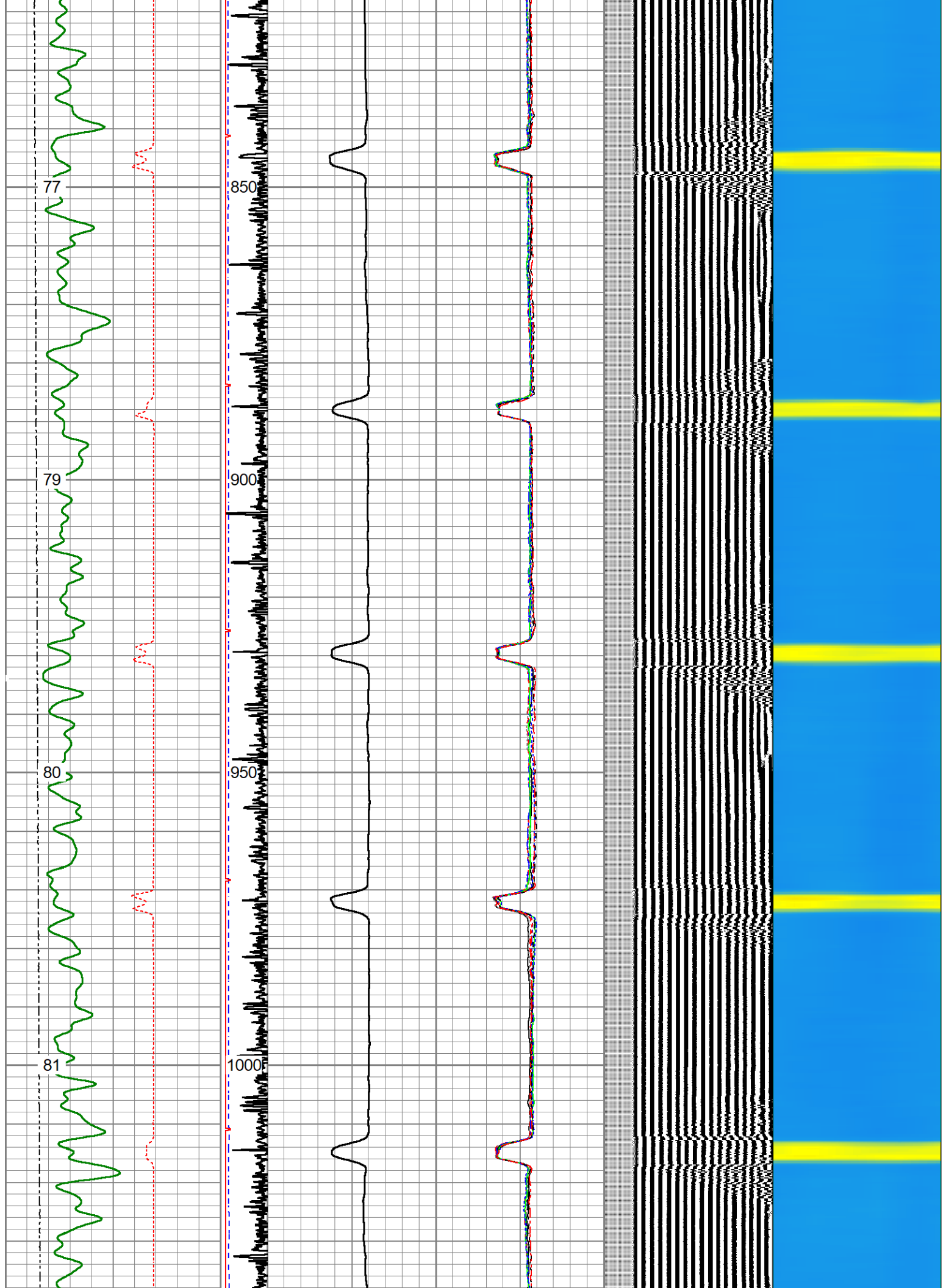
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Dataset Pathname	CBL6									
Presentation Format	rcbl_hh									
Dataset Creation	Tue Mar 29 11:16:51 2022									
Charted by	Depth in Feet scaled 1:240									
400 Travel Time (usec)	200	ing Co	0	Amplitude (mV)	100	-5	Sector 1	150	Variable Density	
0 Gamma Ray (GAPI)	150	9 -1		Amplified Amplitude		-5	Sector 2	150	200 (usec)	1200
50 TEMP (degF)	250	e Tens	0	(mV)	10	-5	Sector 3	150		
TEMP		(lb				-5	Sector 4	150		
(degF)		(2000				-5	Sector 5	150		
		PE TAL				-5	Sector 6	150		
		-1 9				-5	Sector 7	150		
						-5	Sector 8	150		

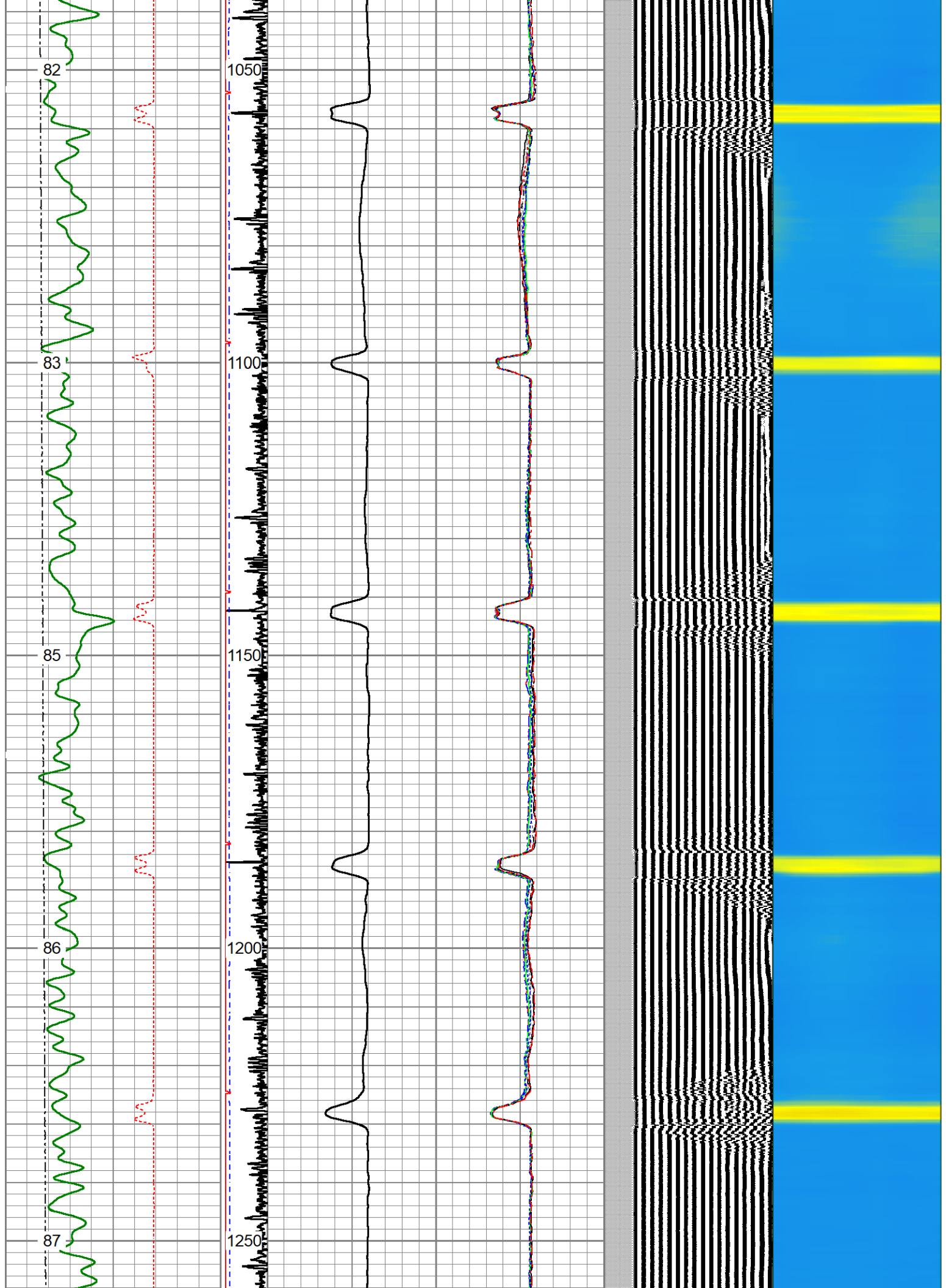




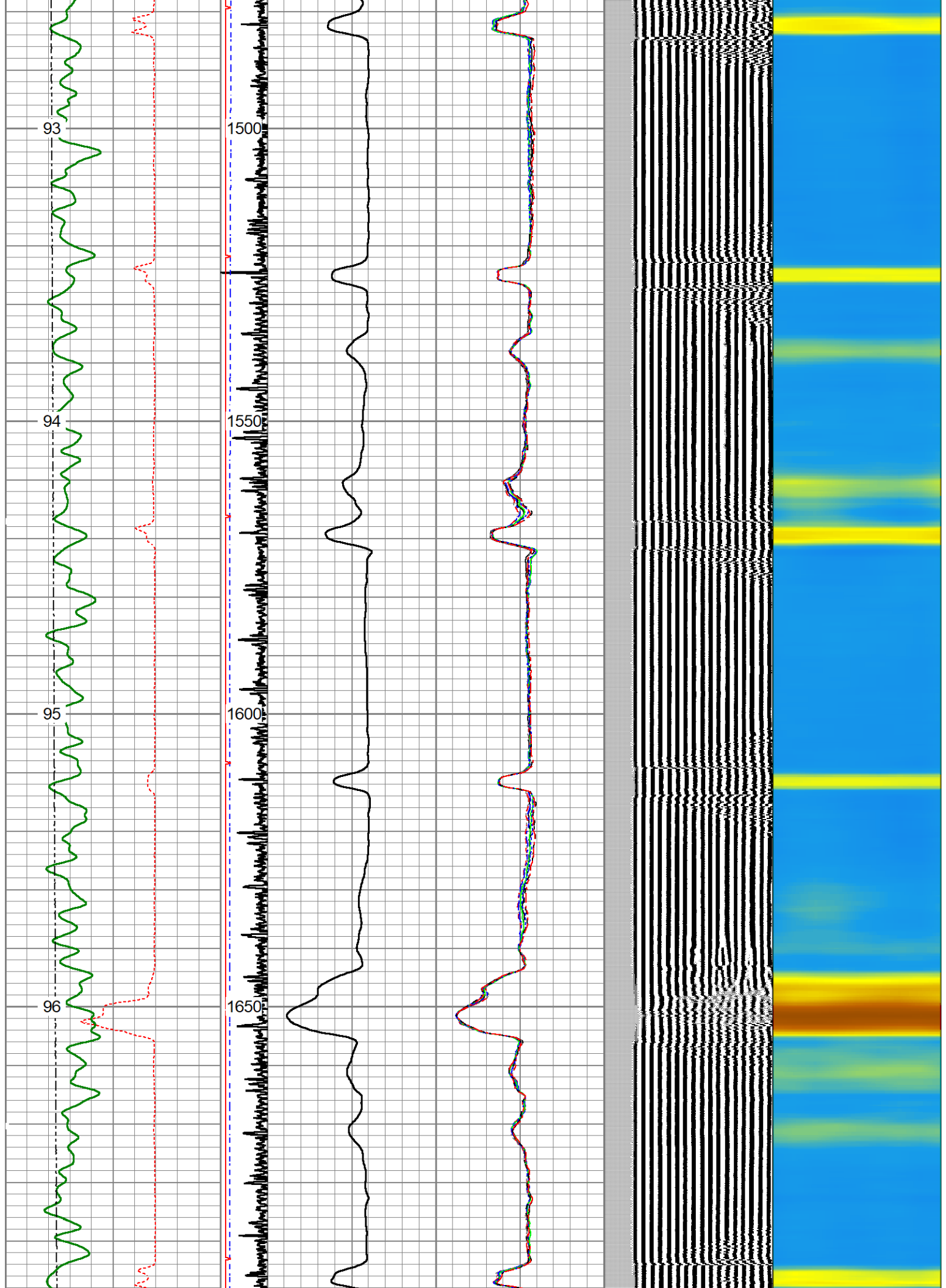


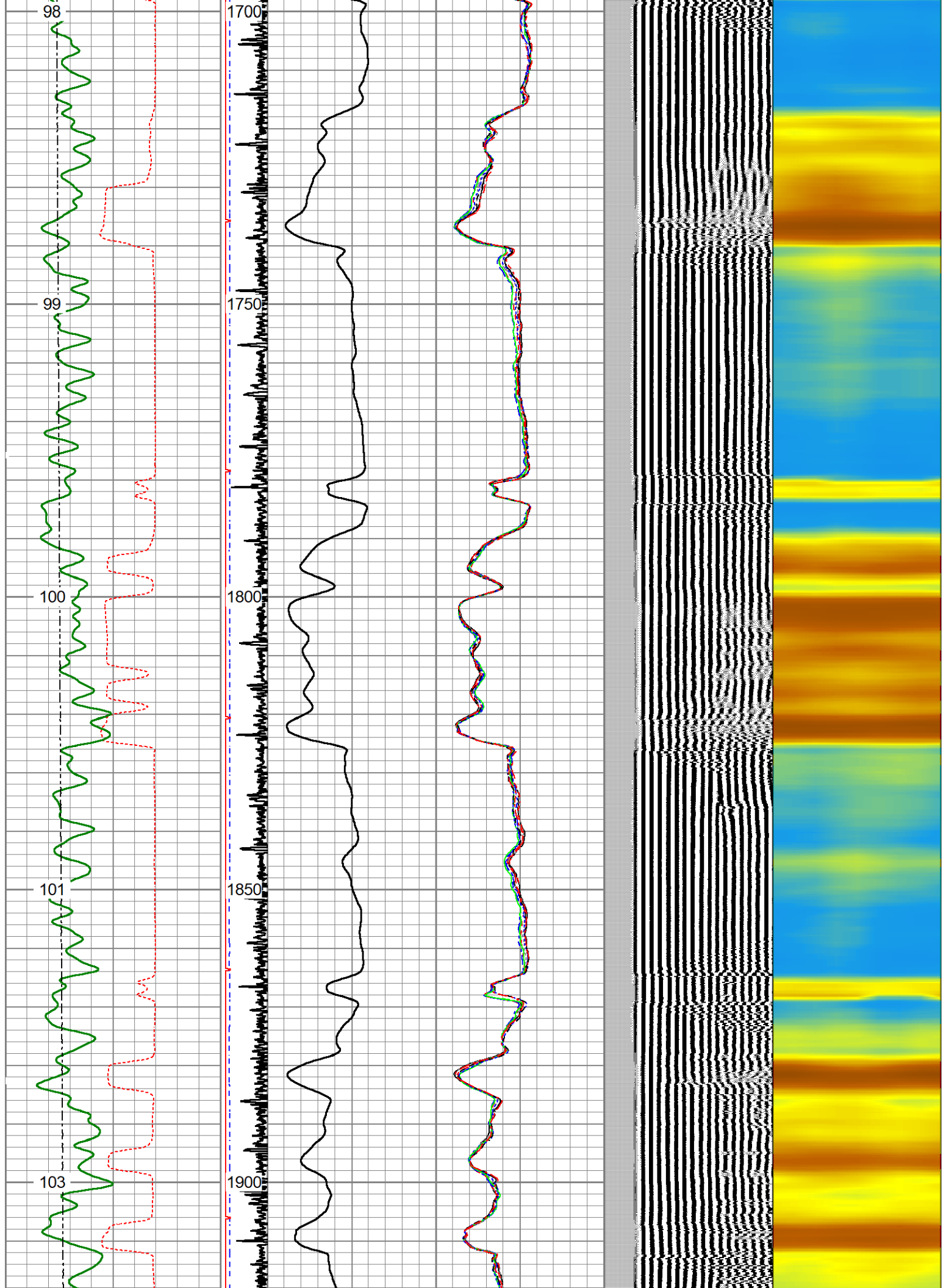


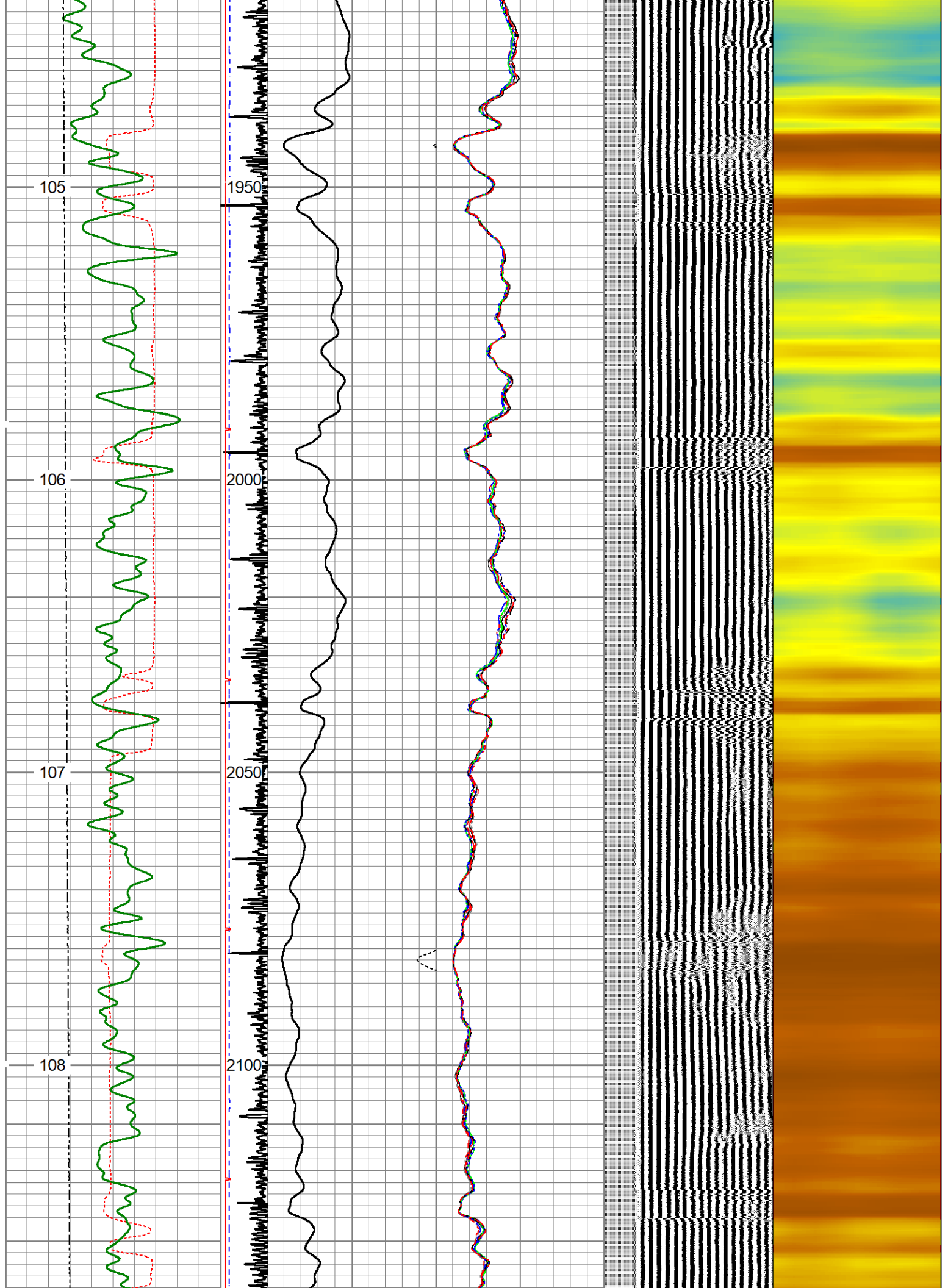


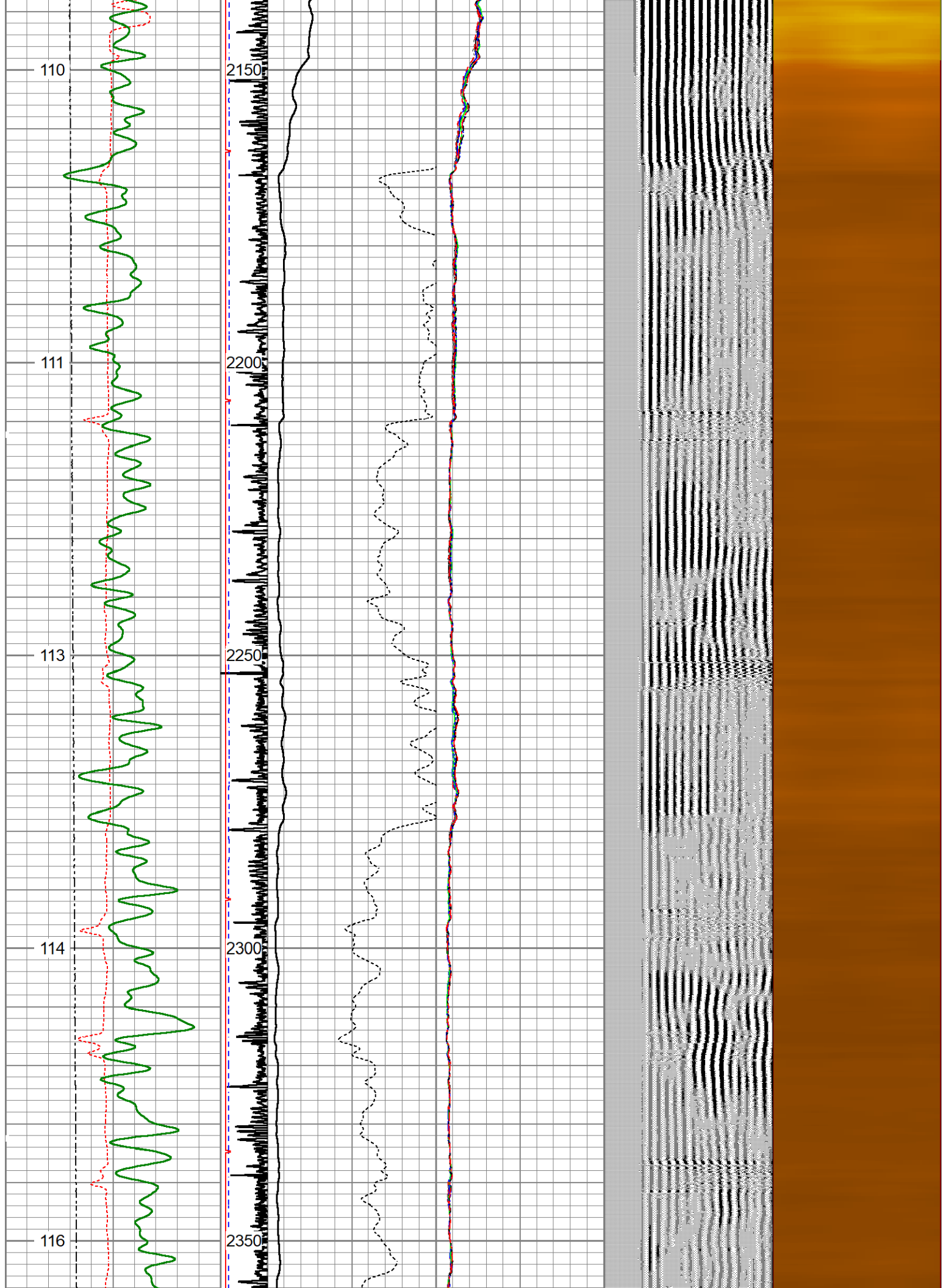


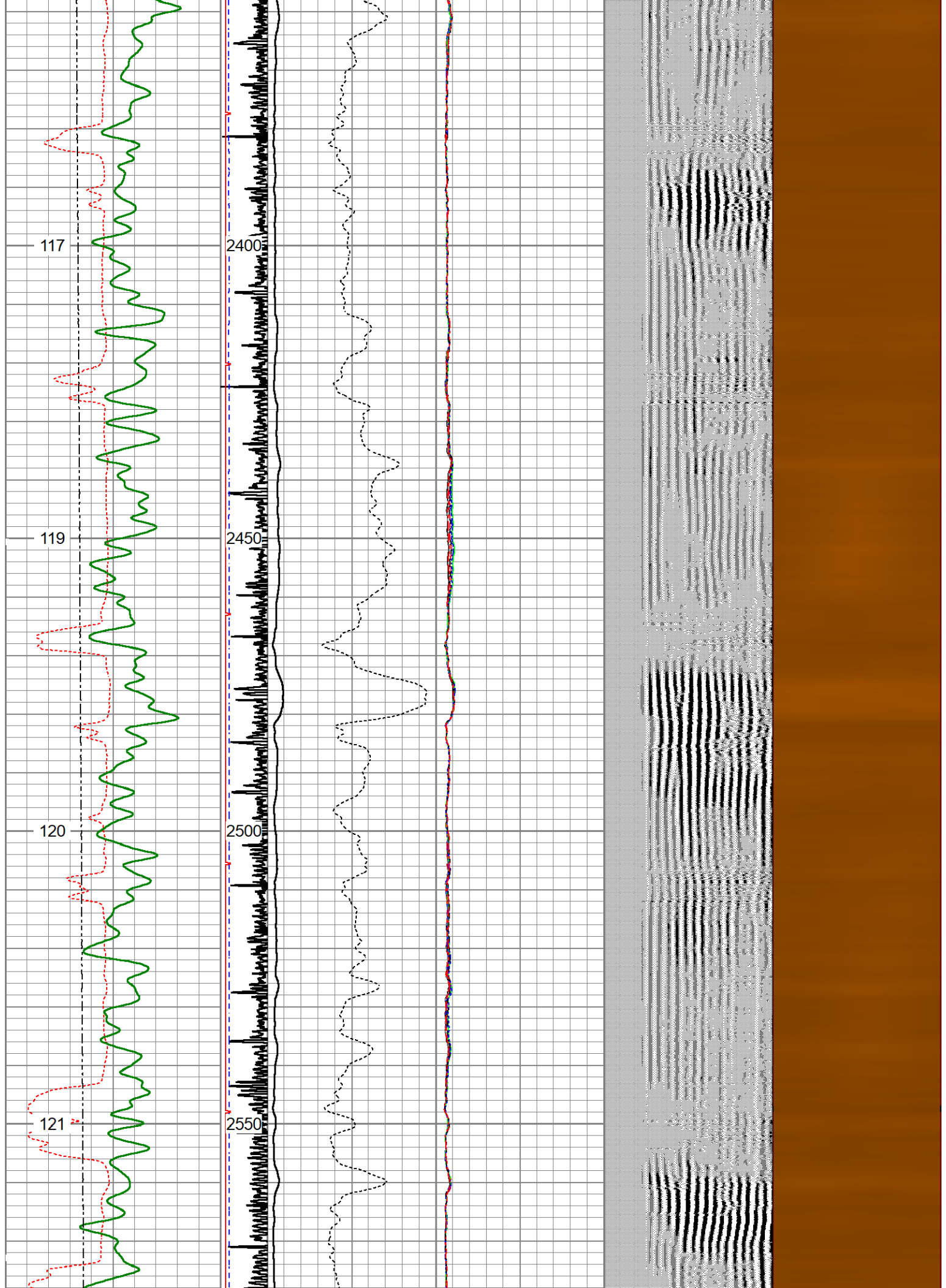


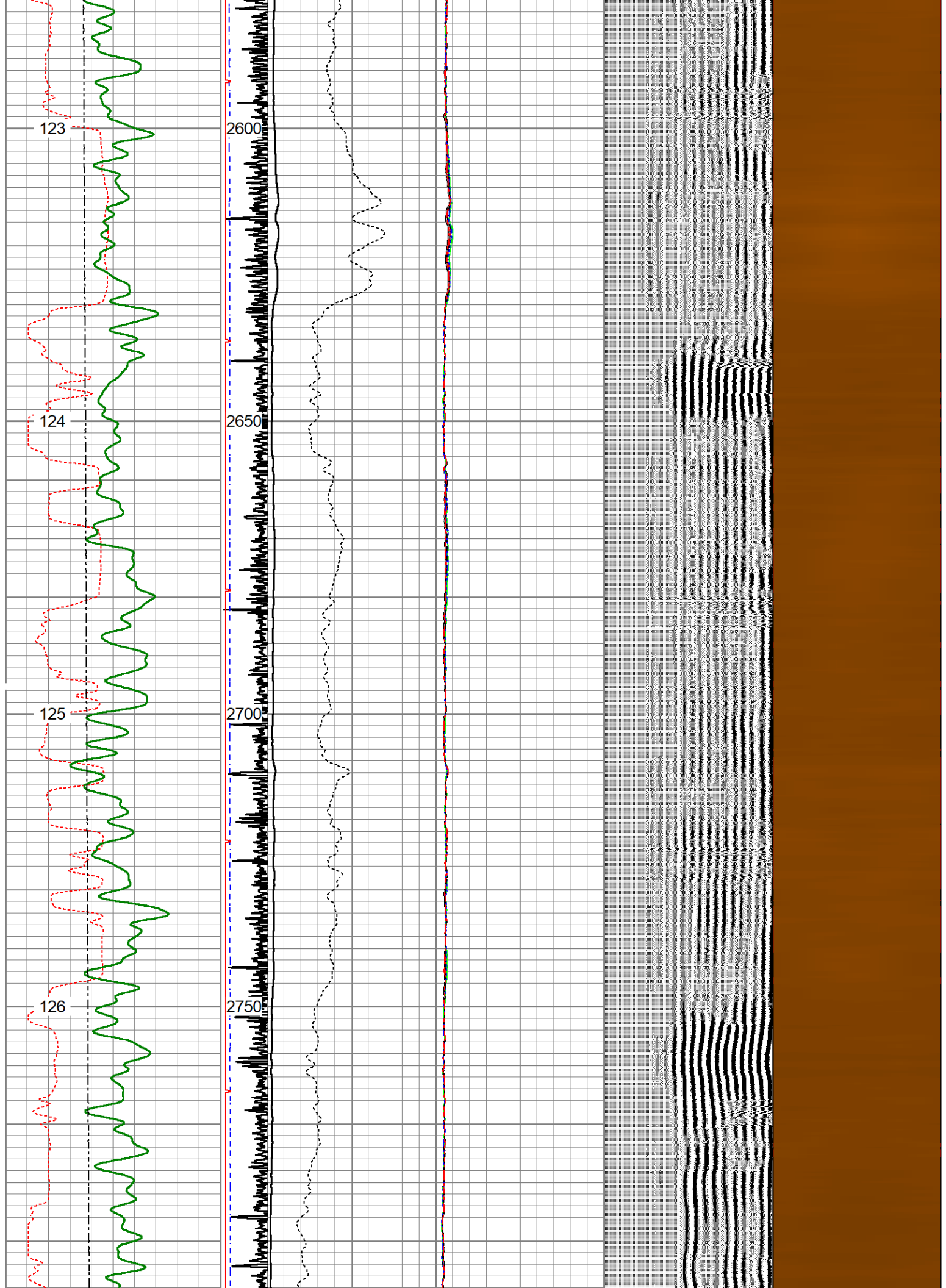


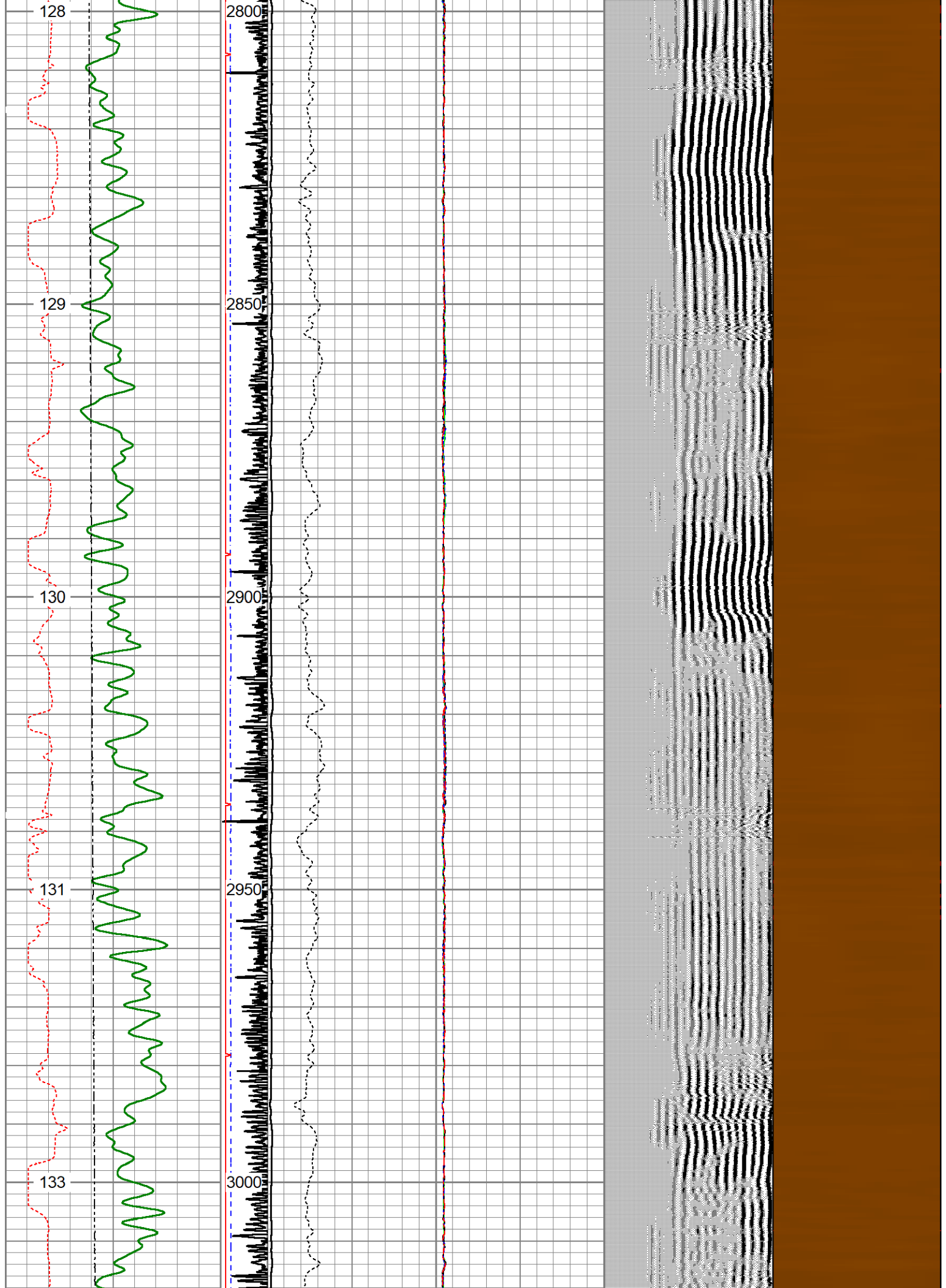


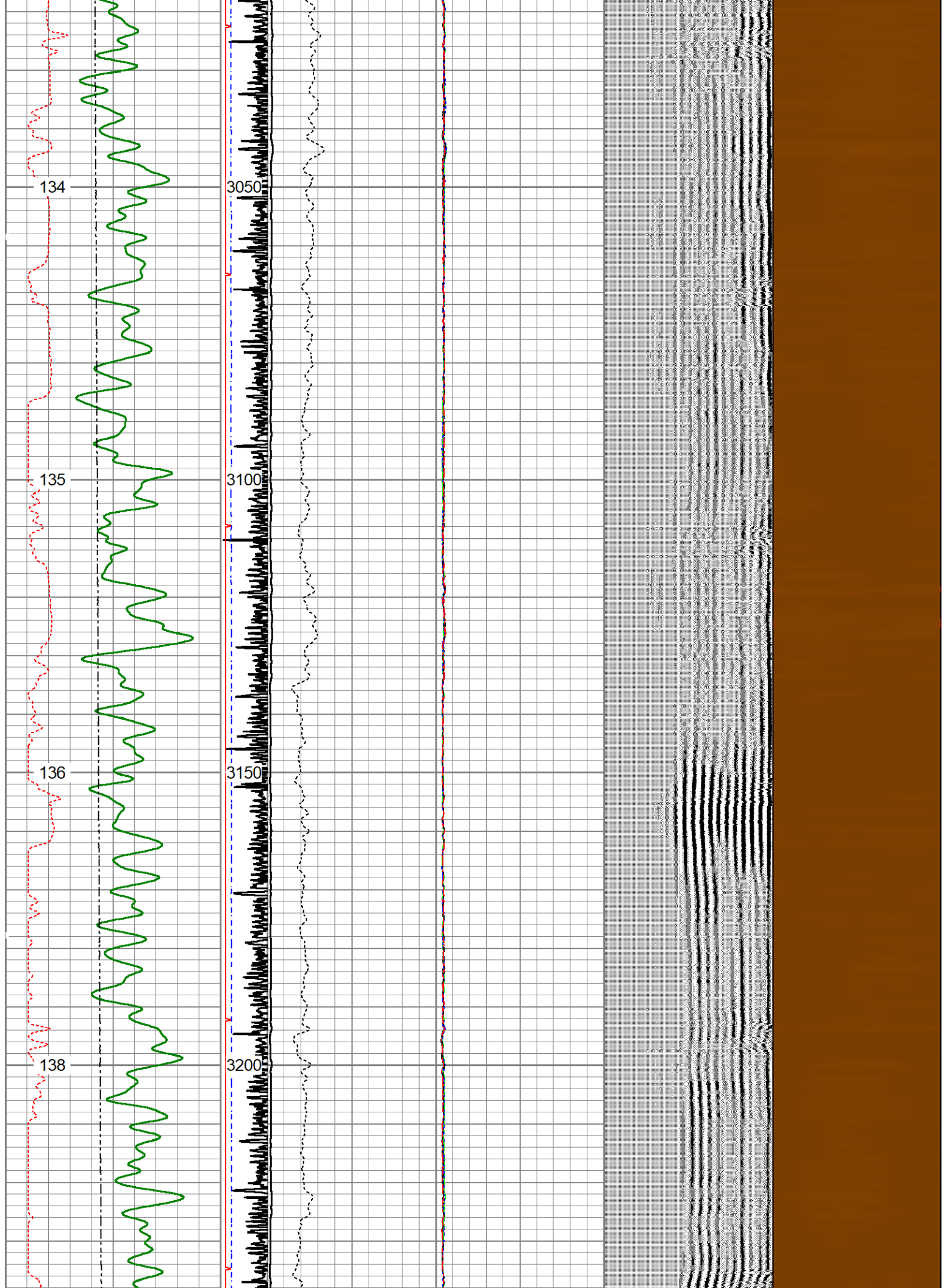


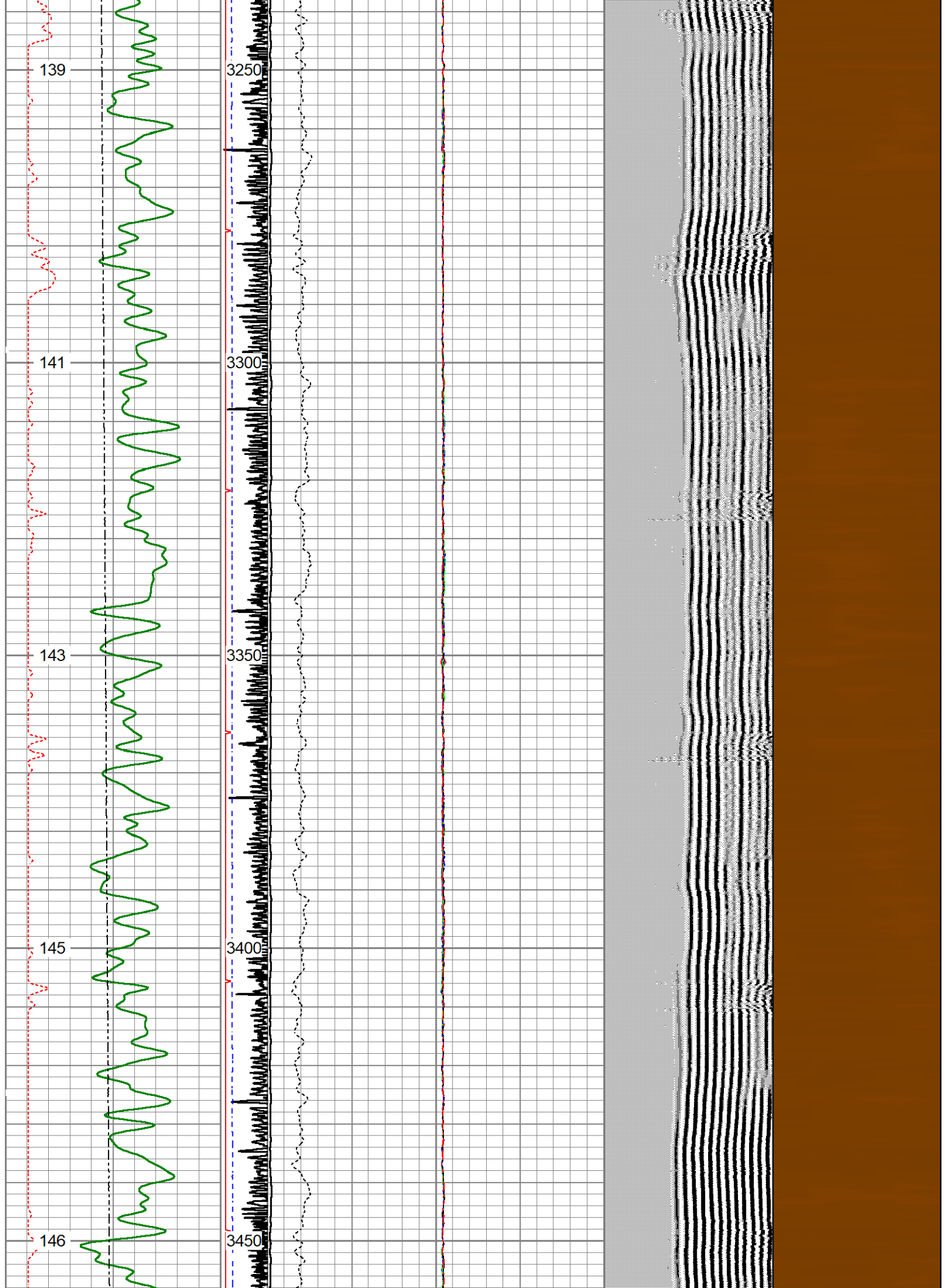


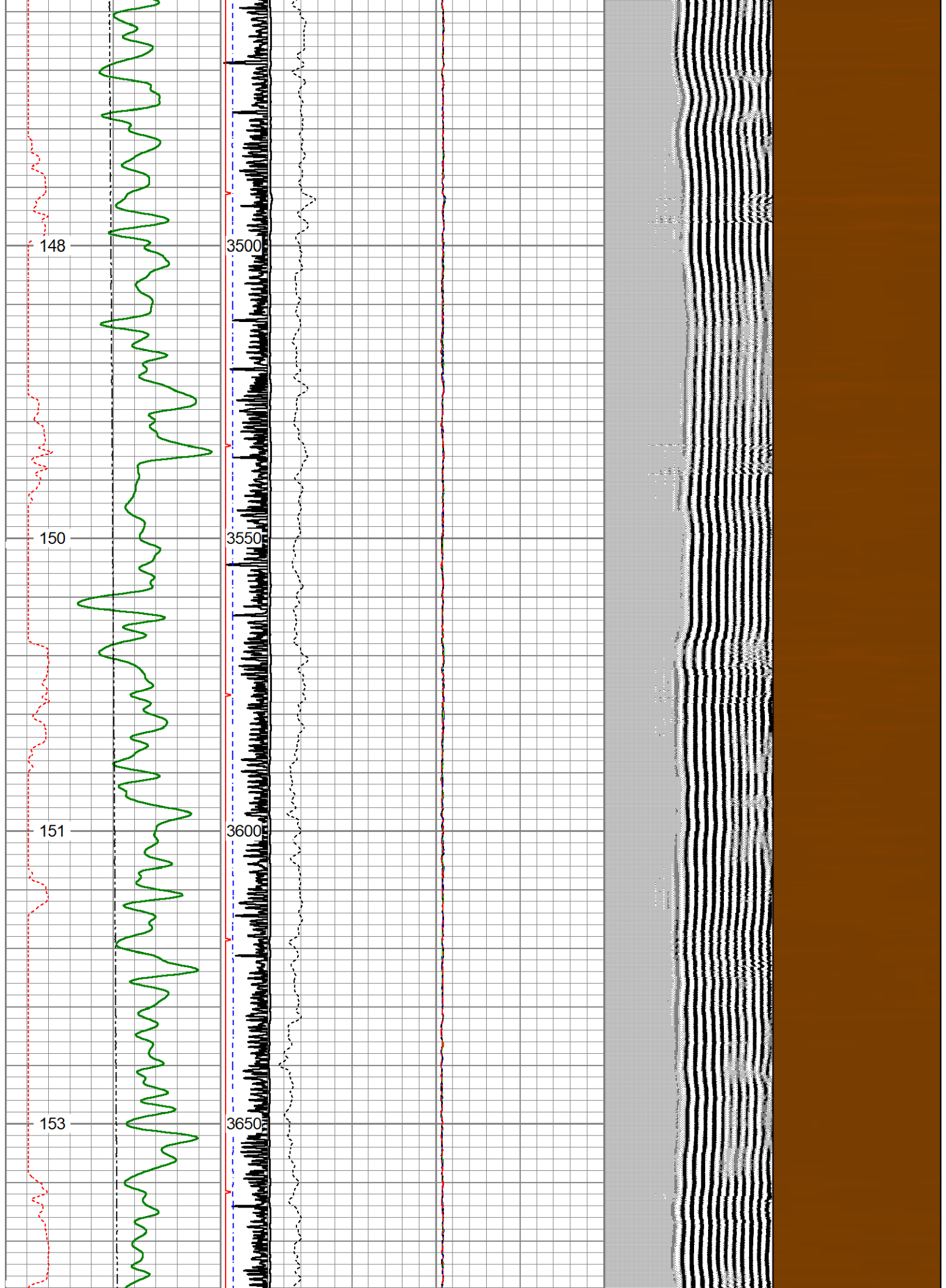


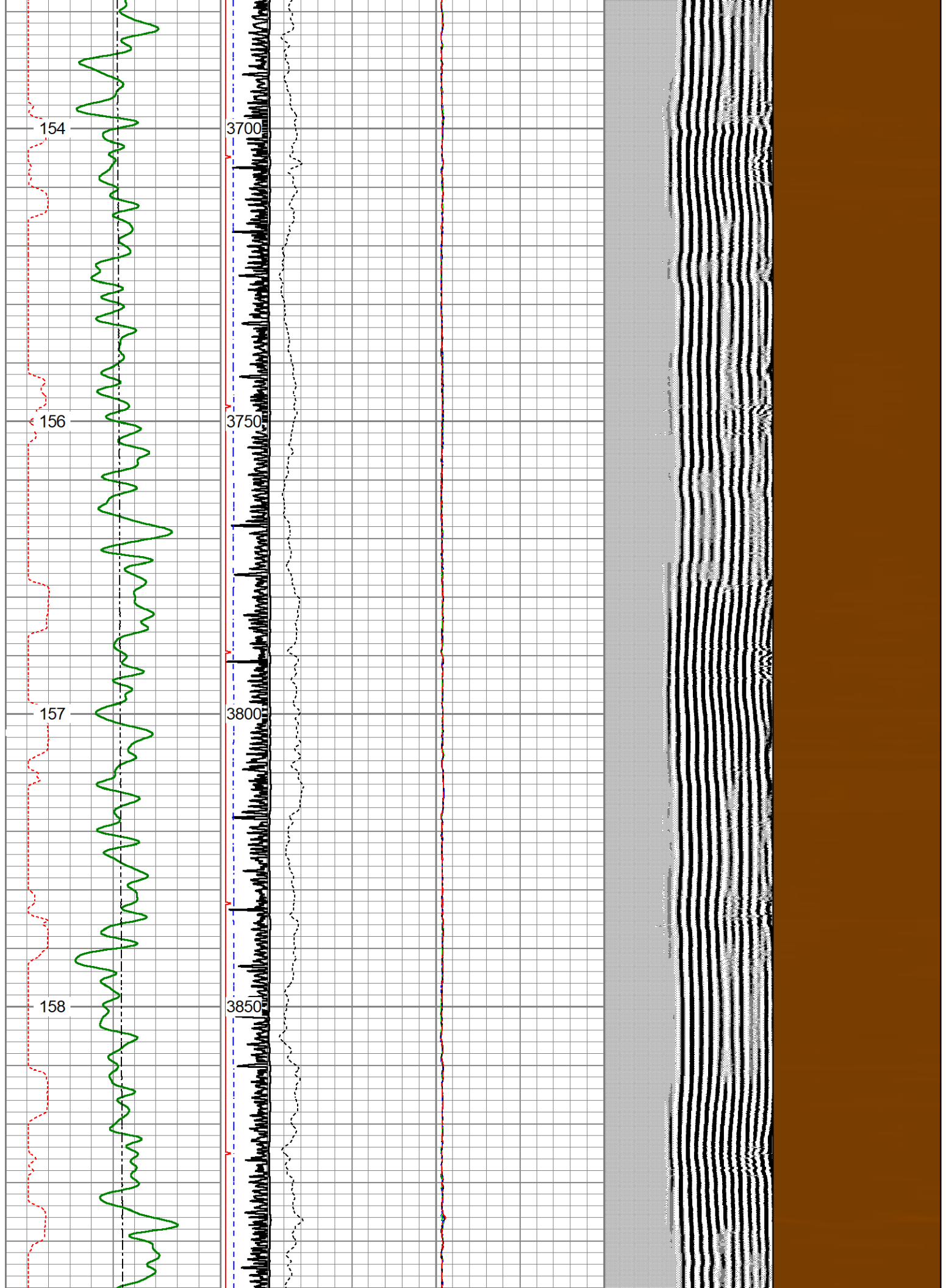


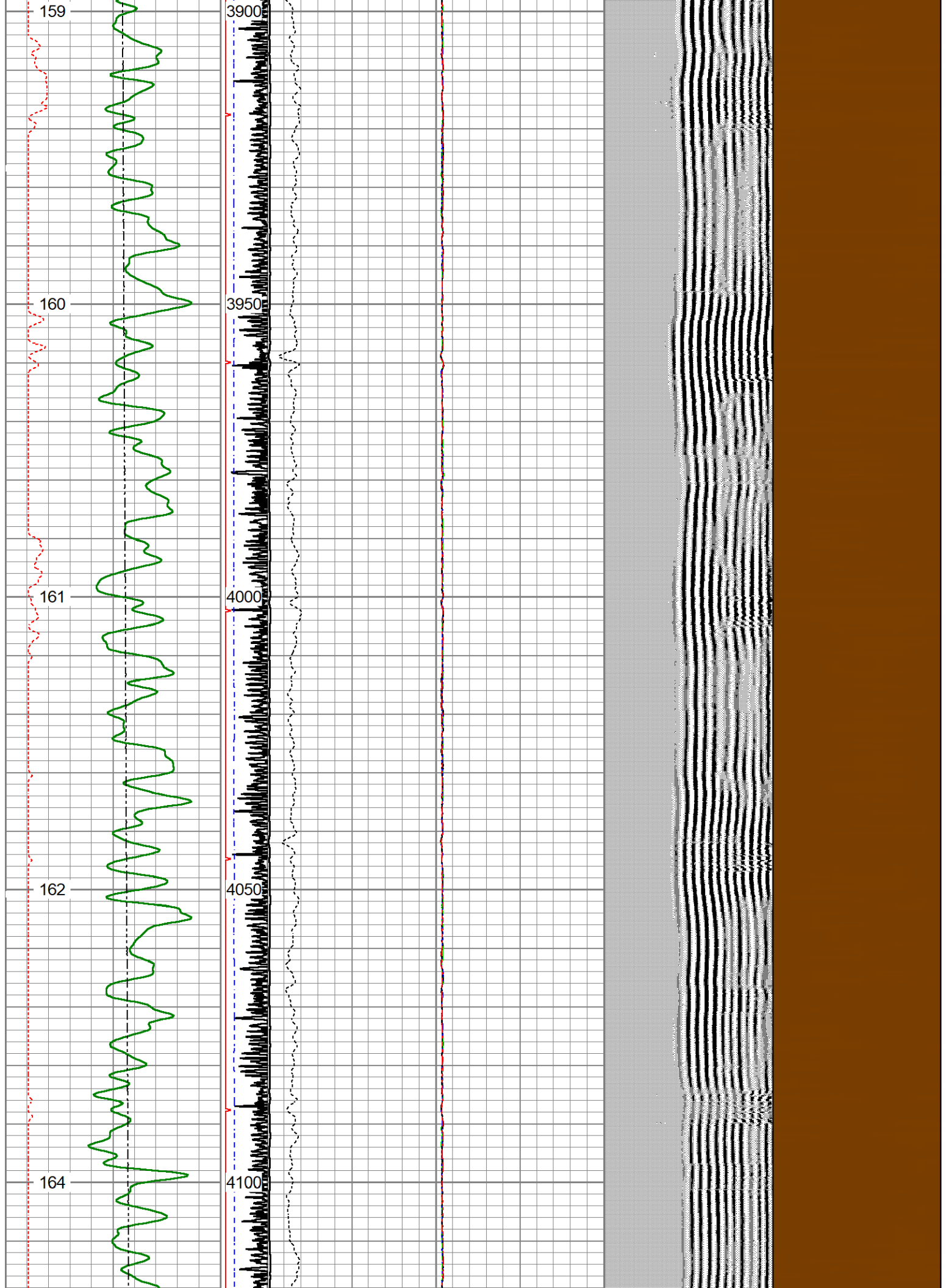


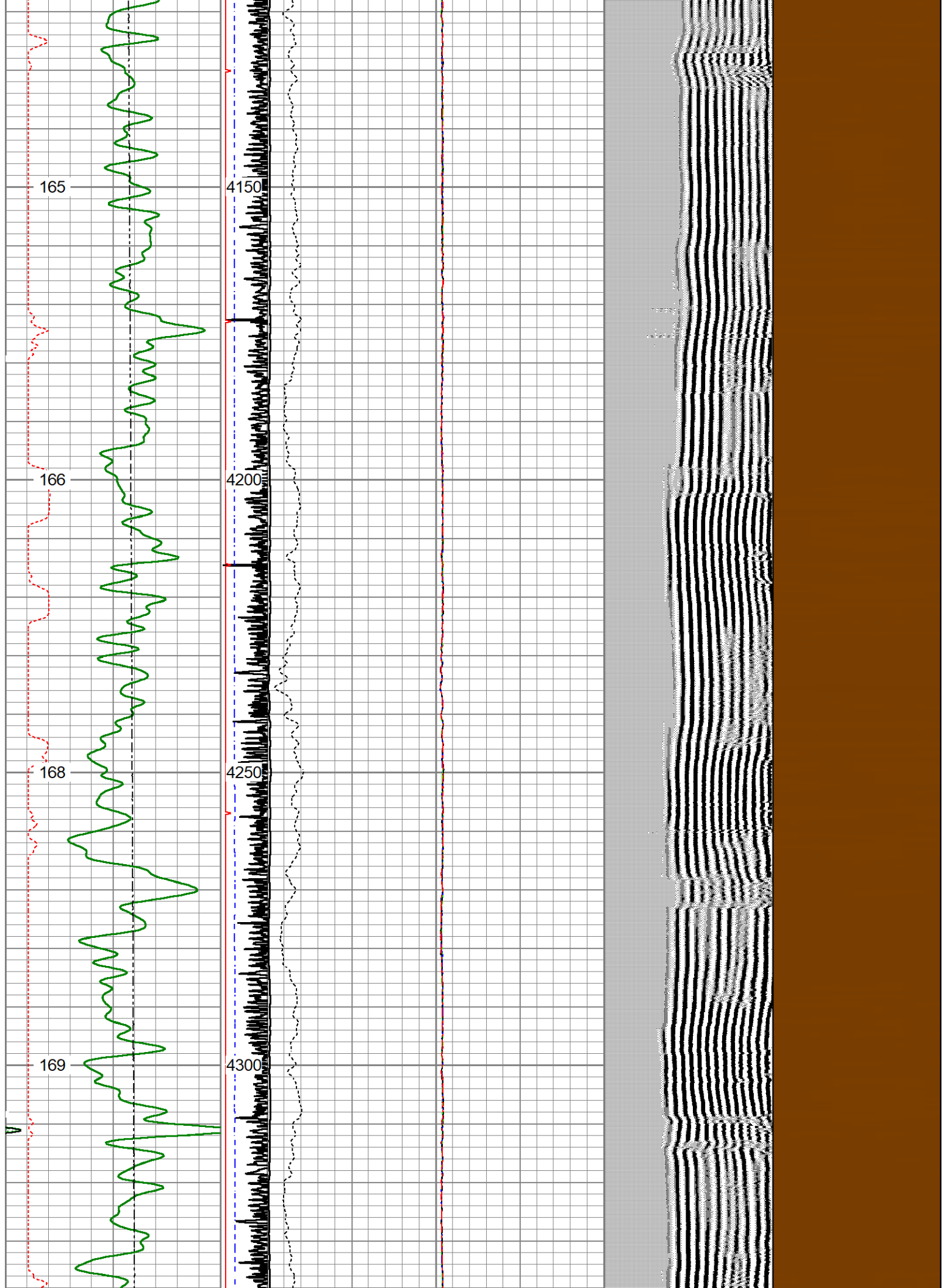


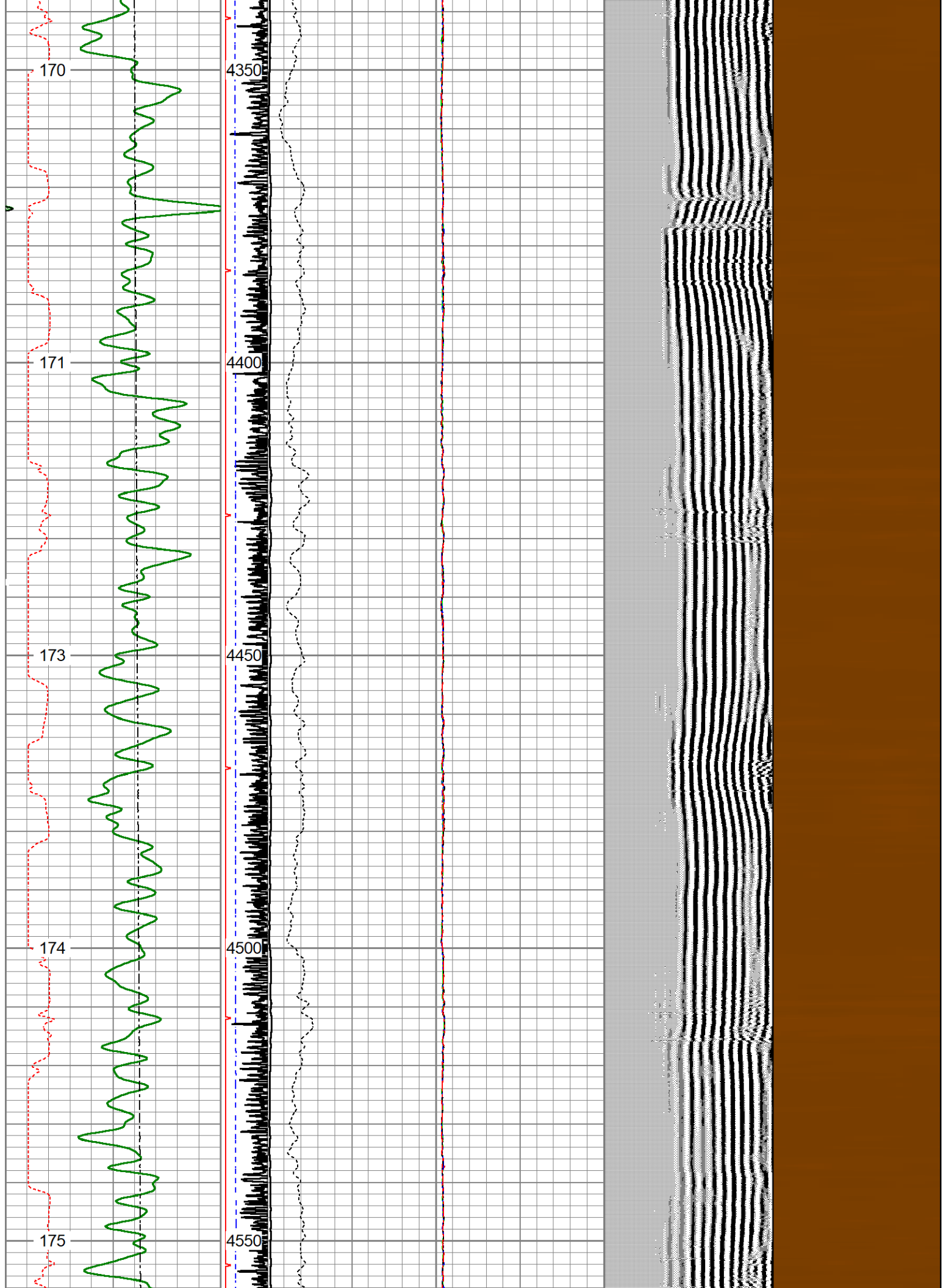




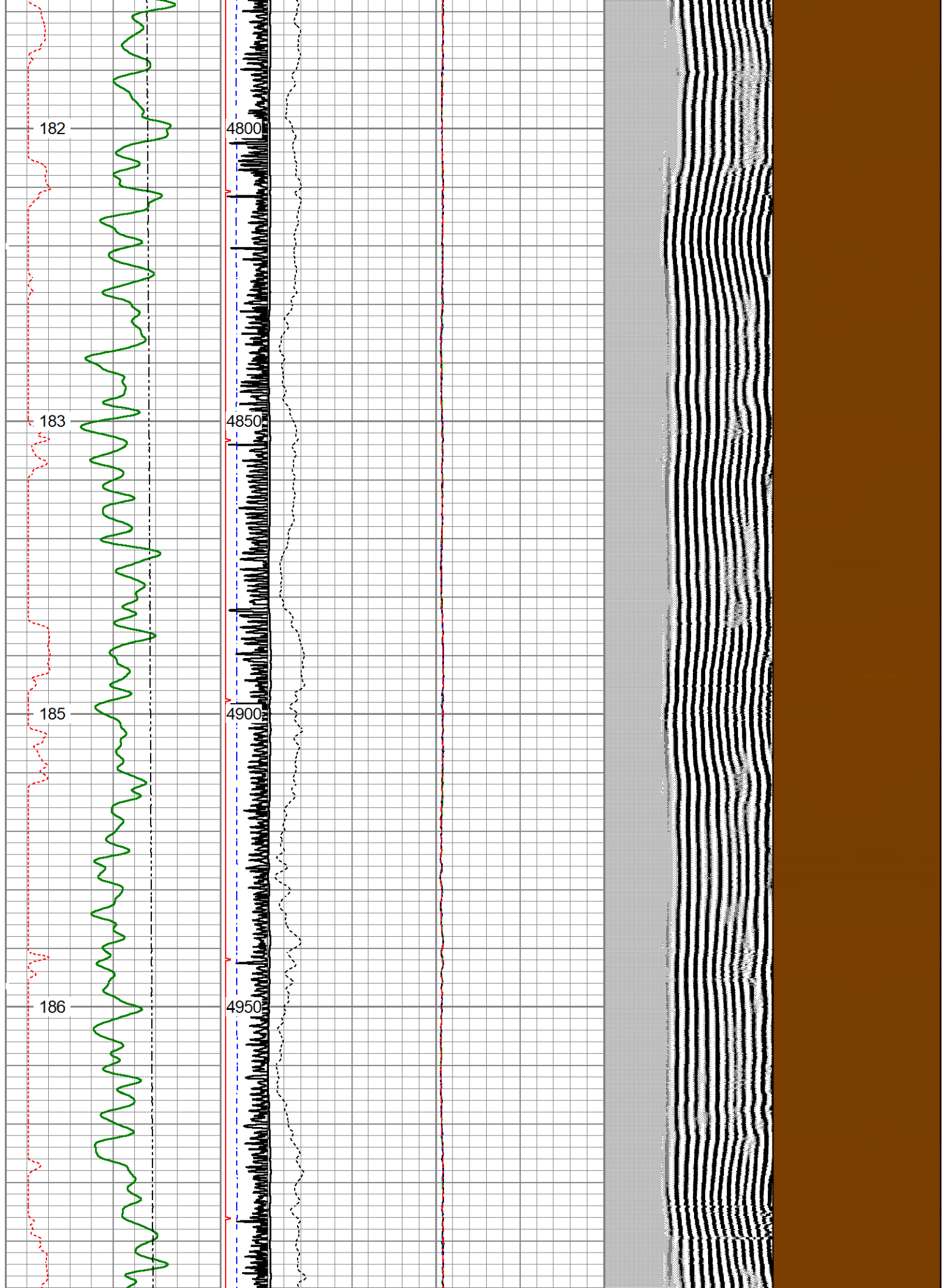


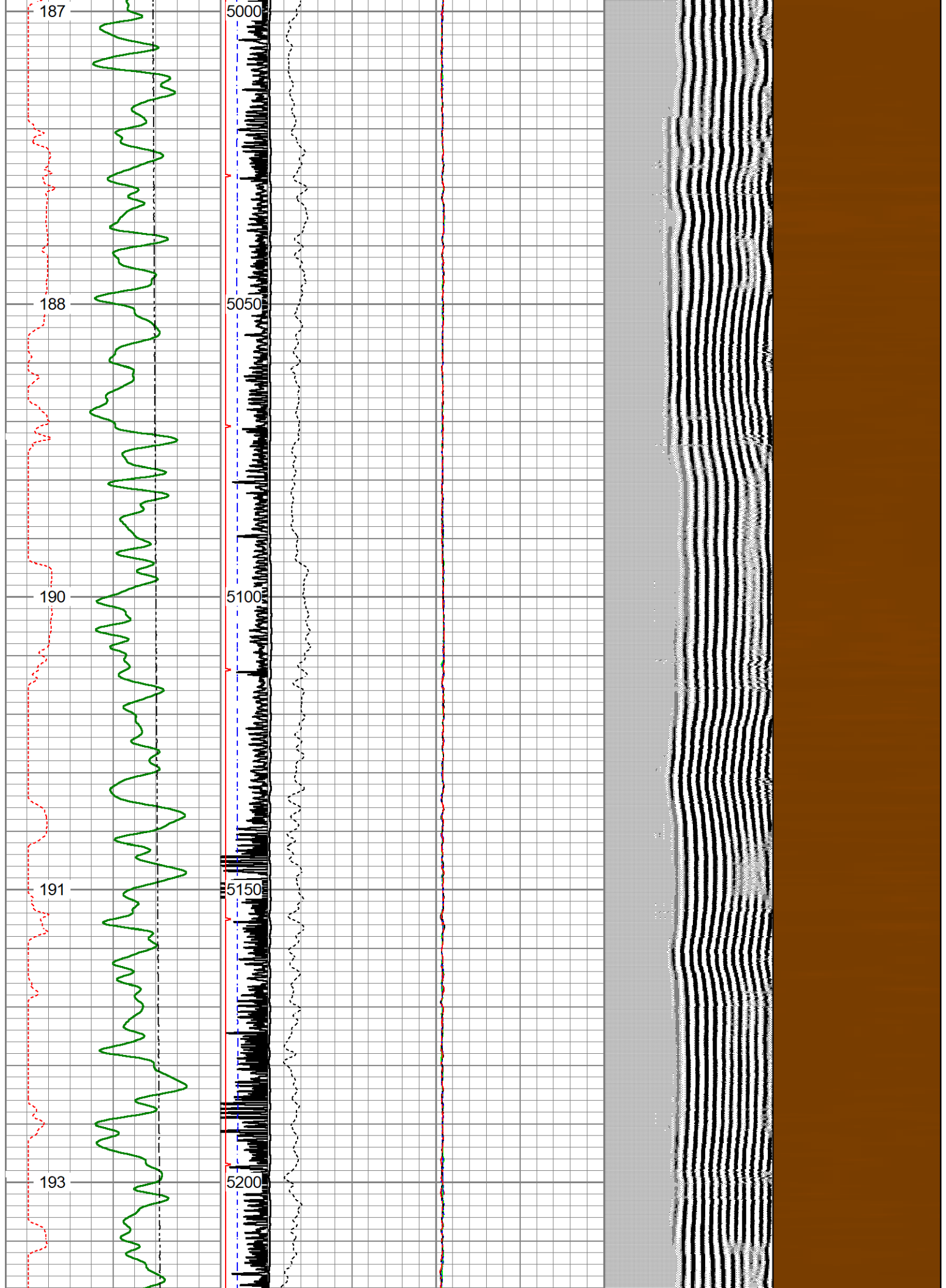


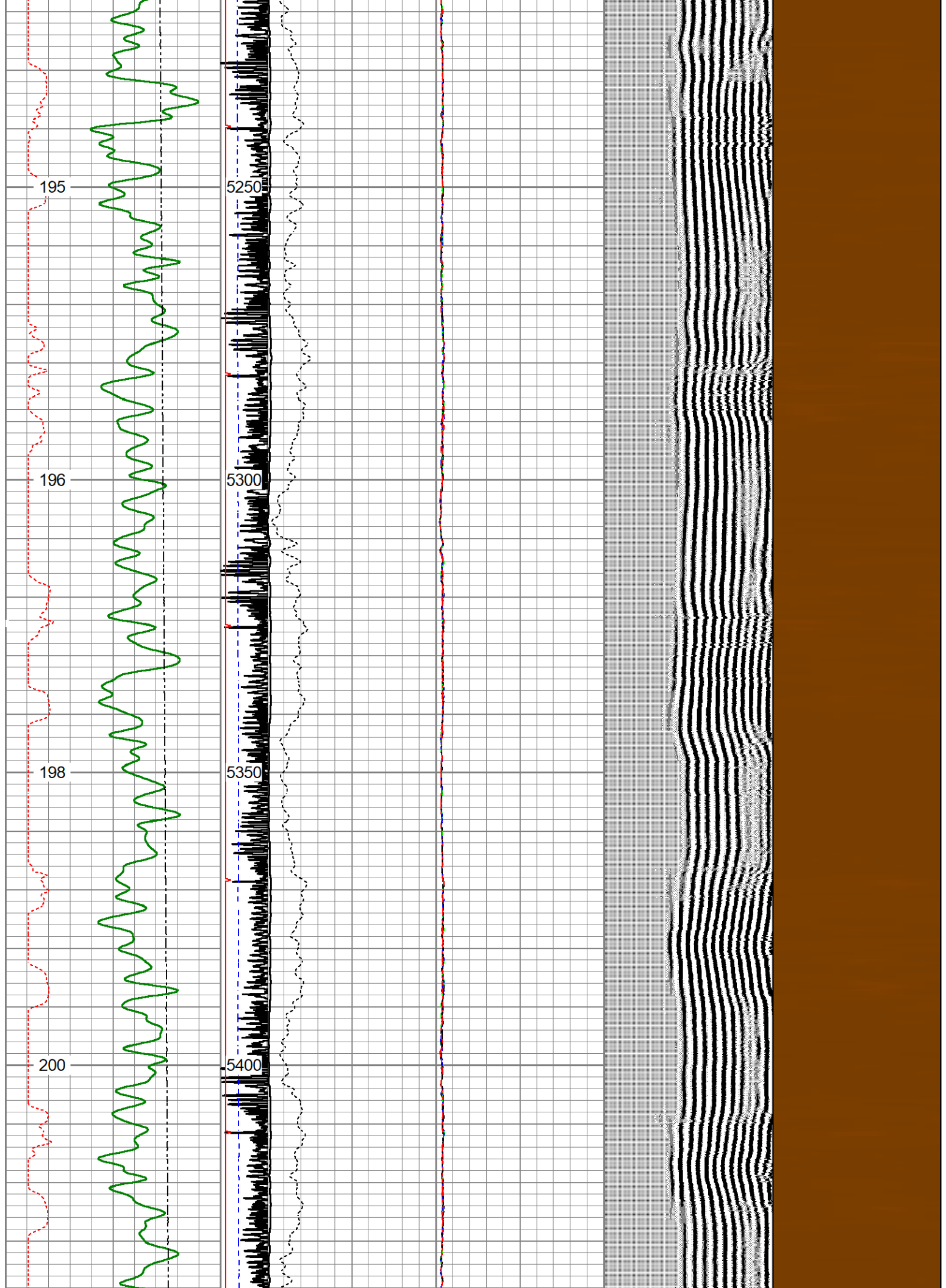


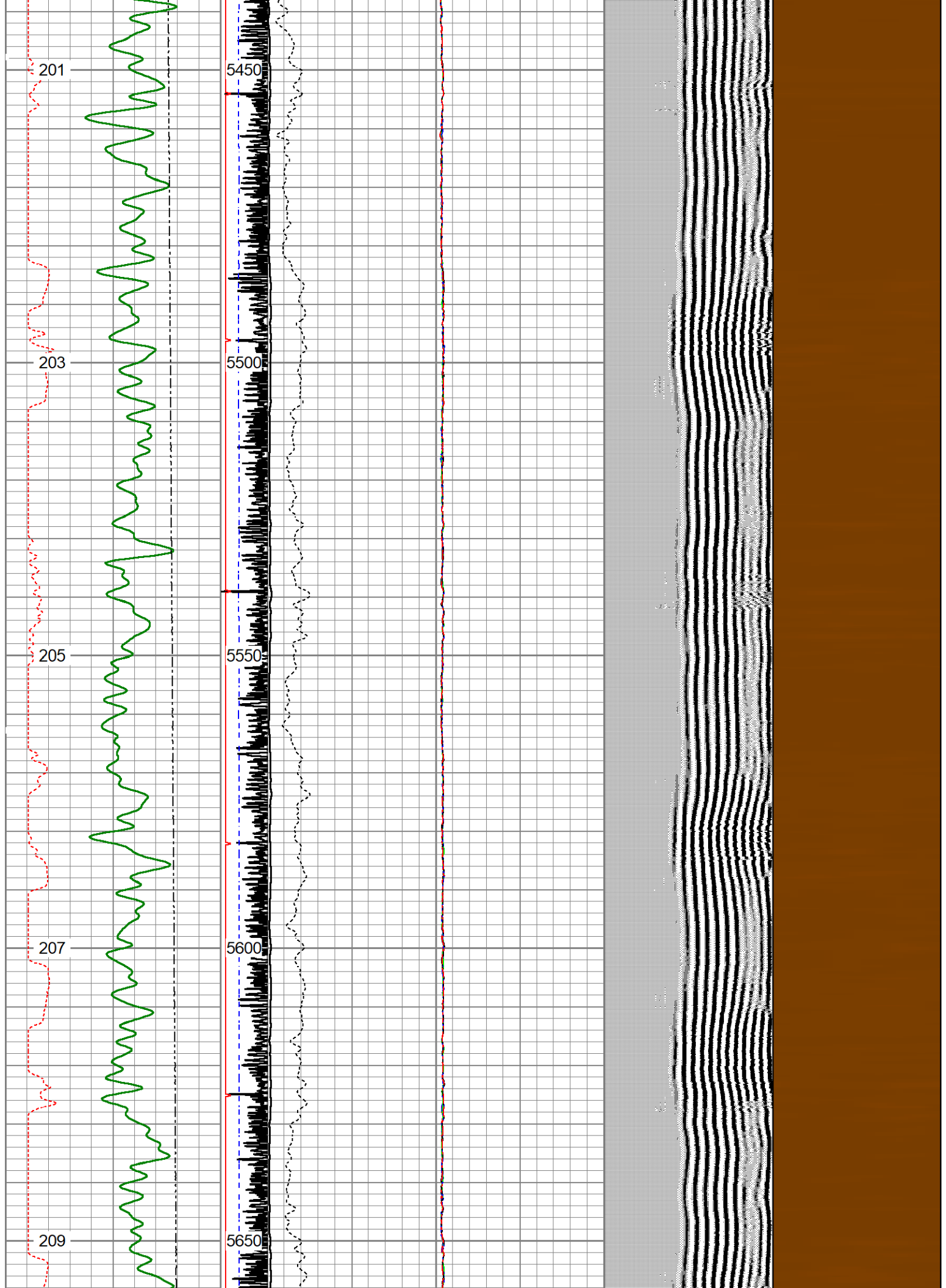


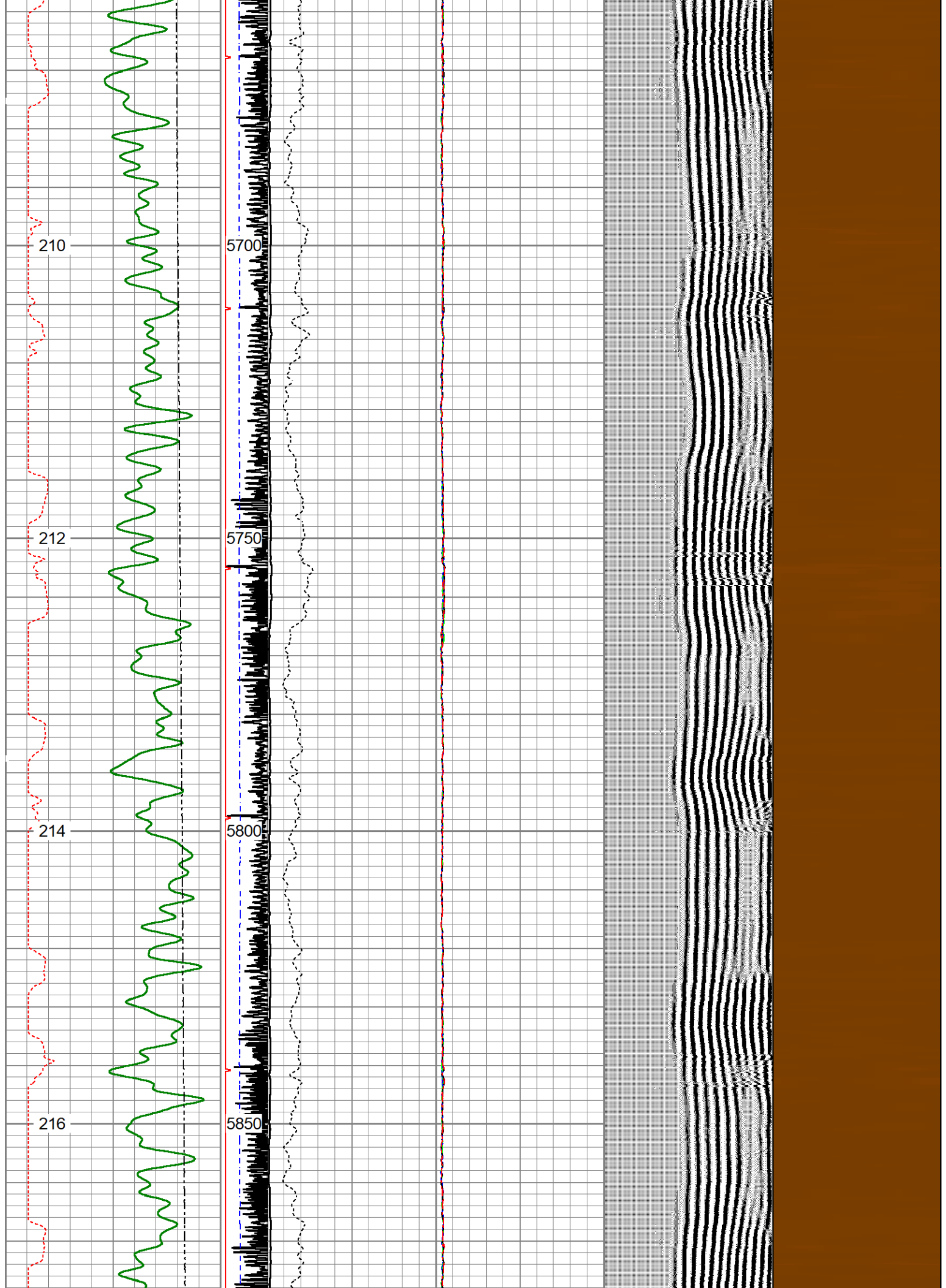


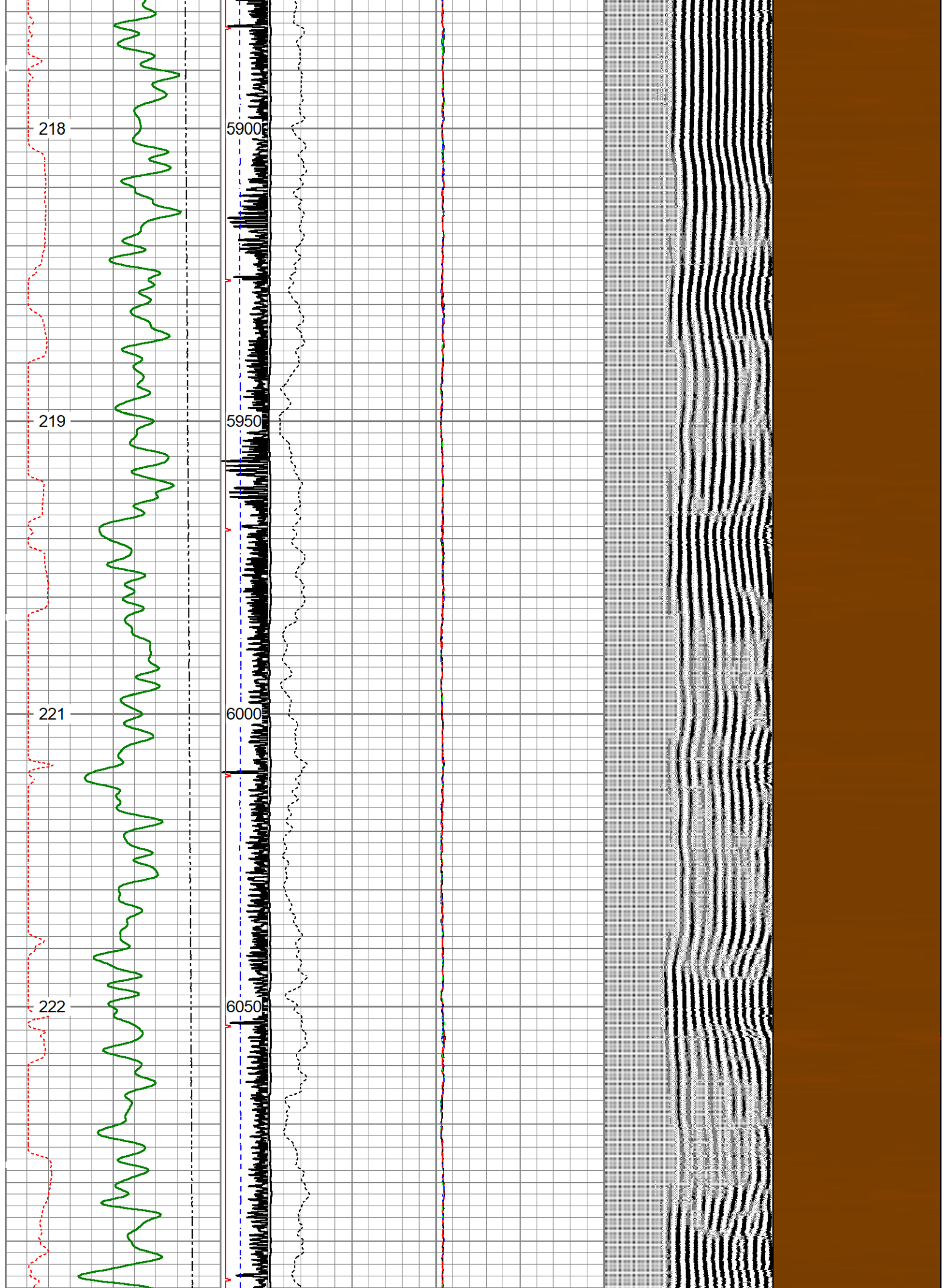


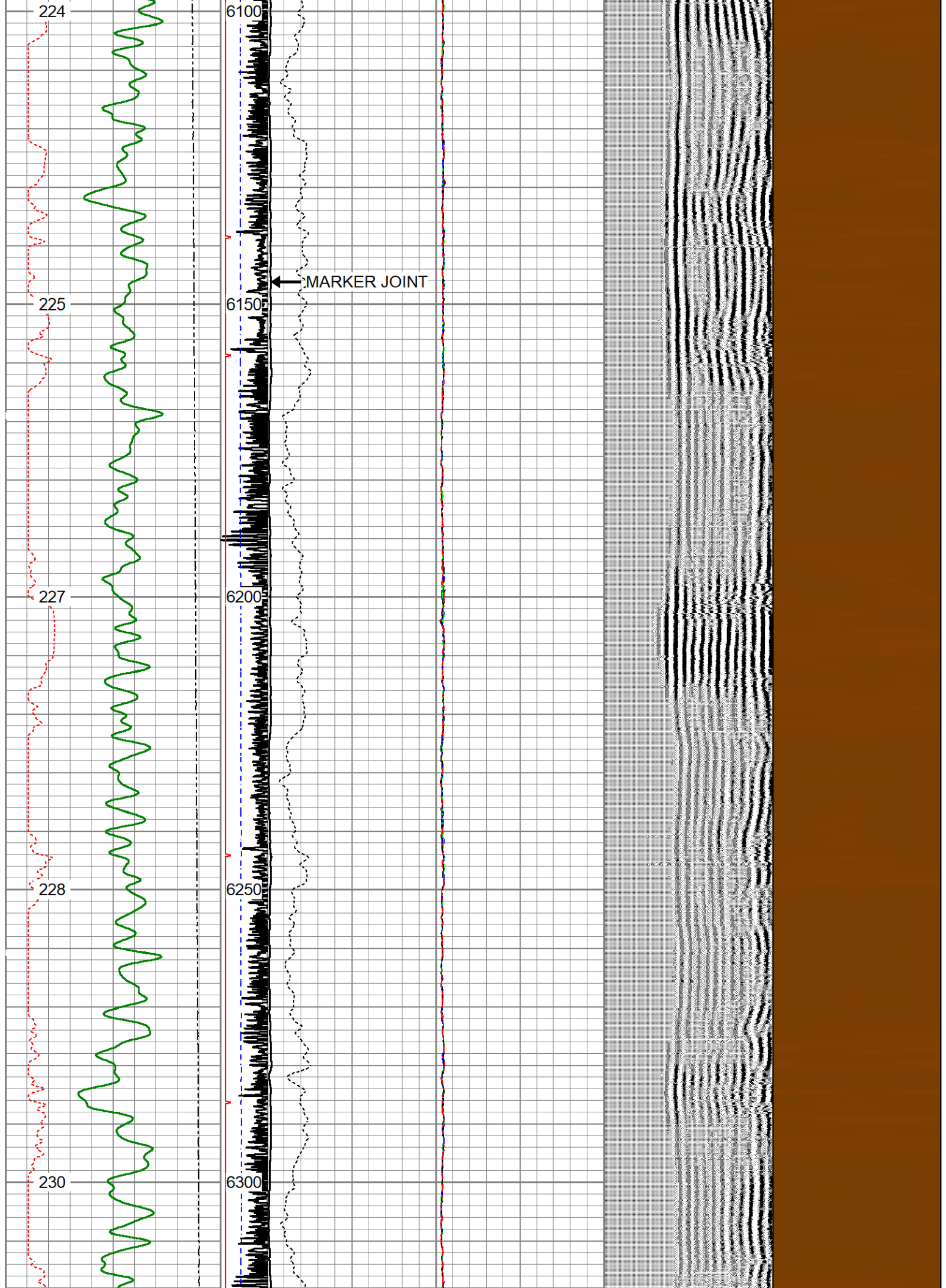


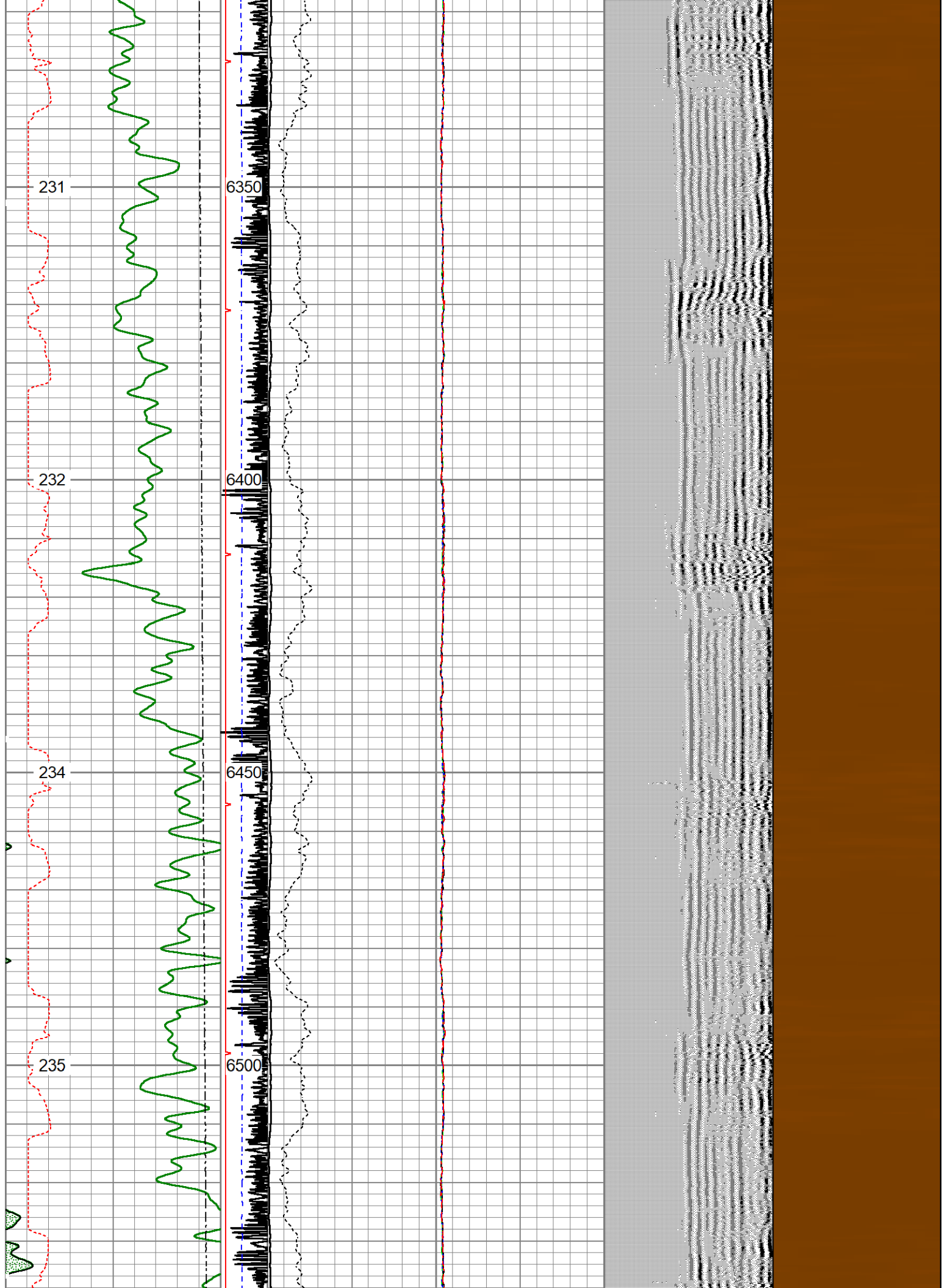


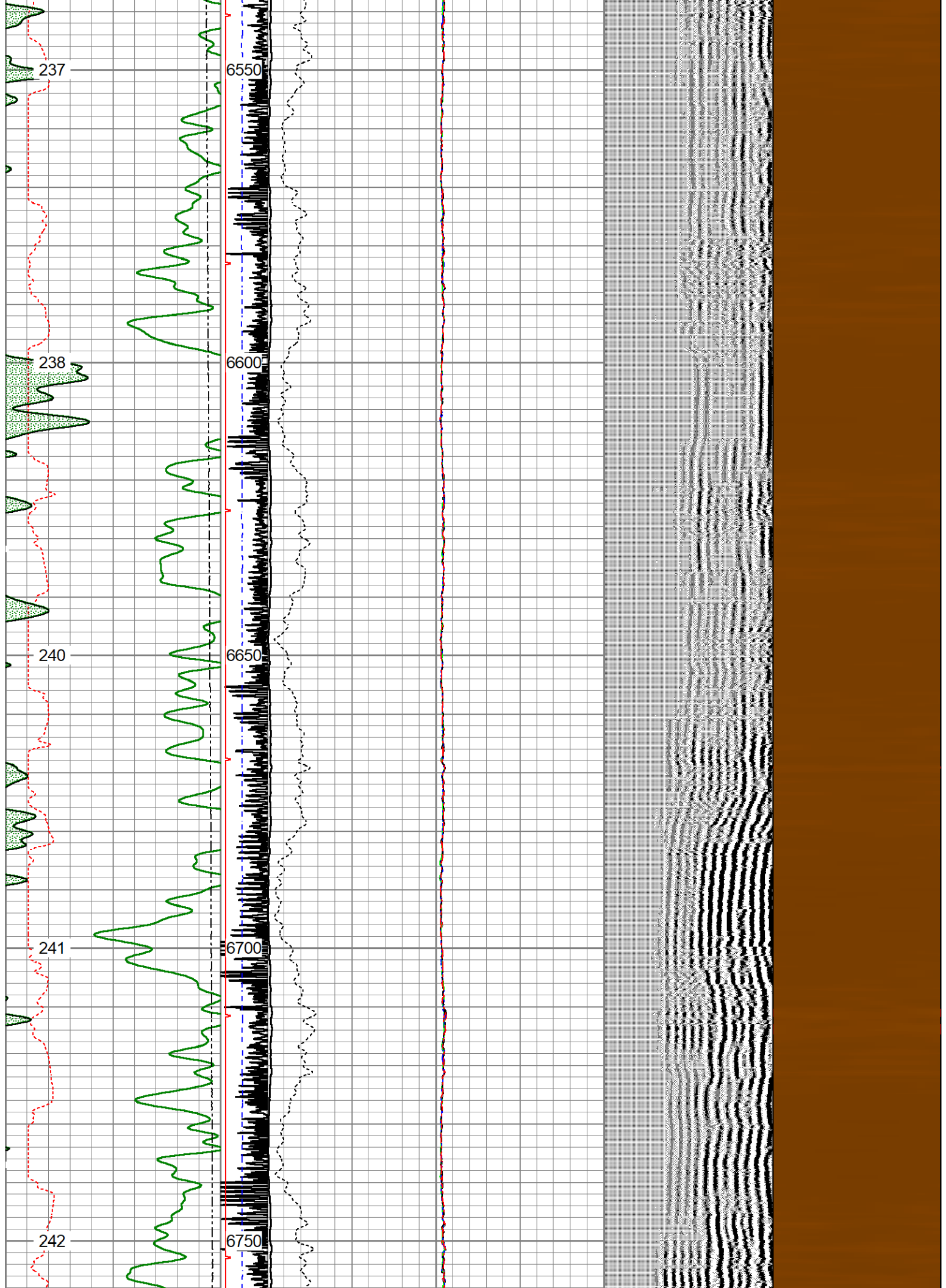


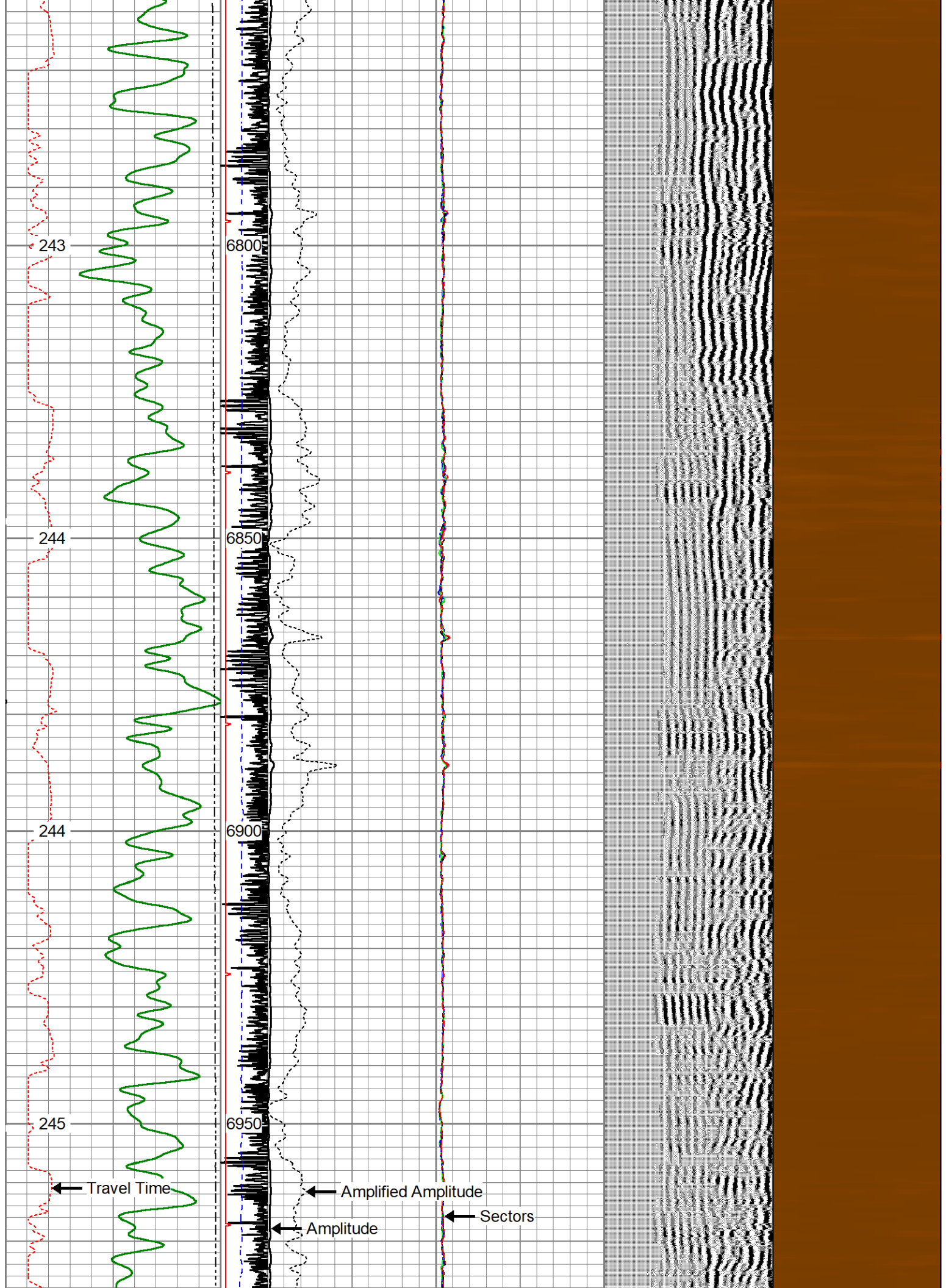


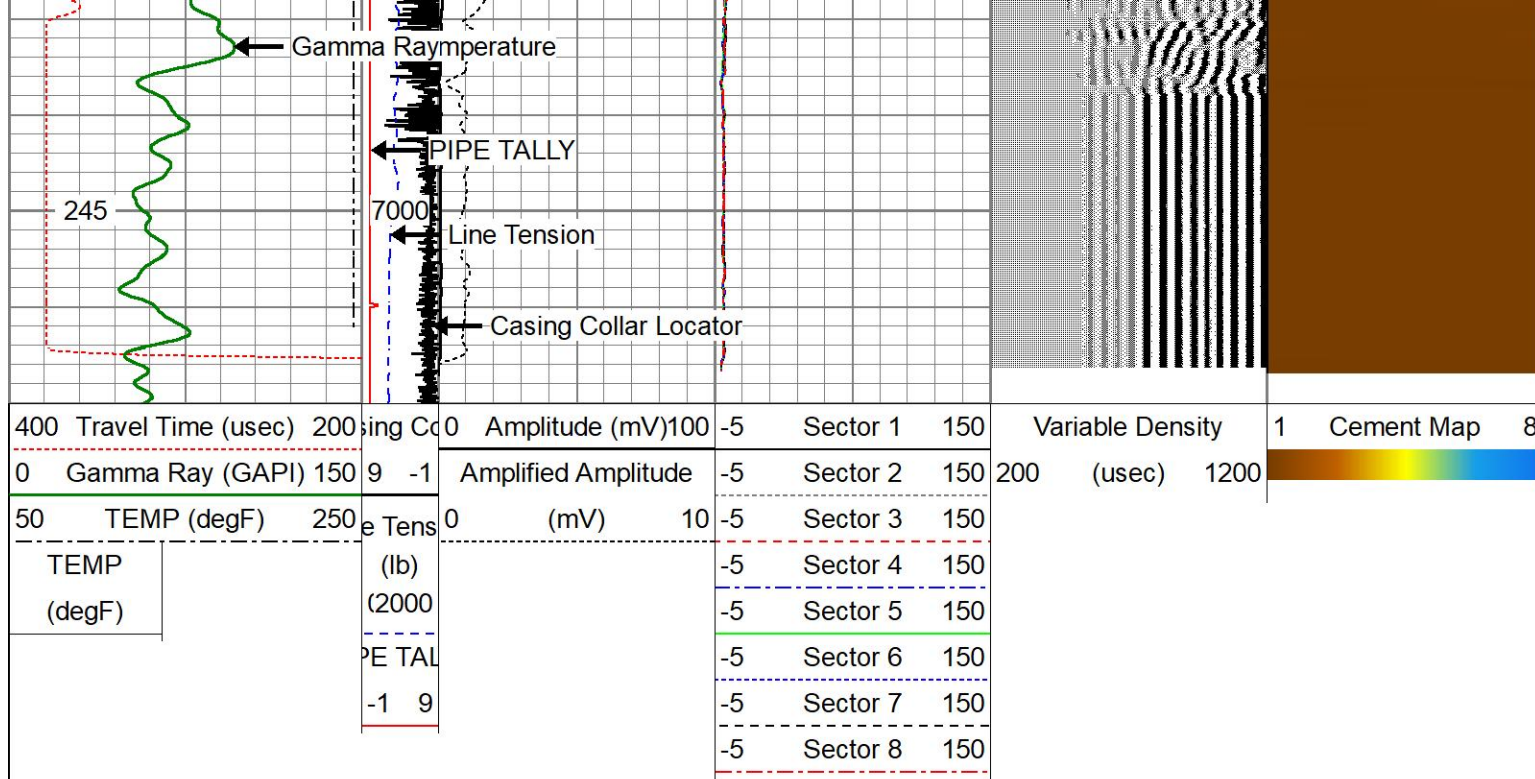








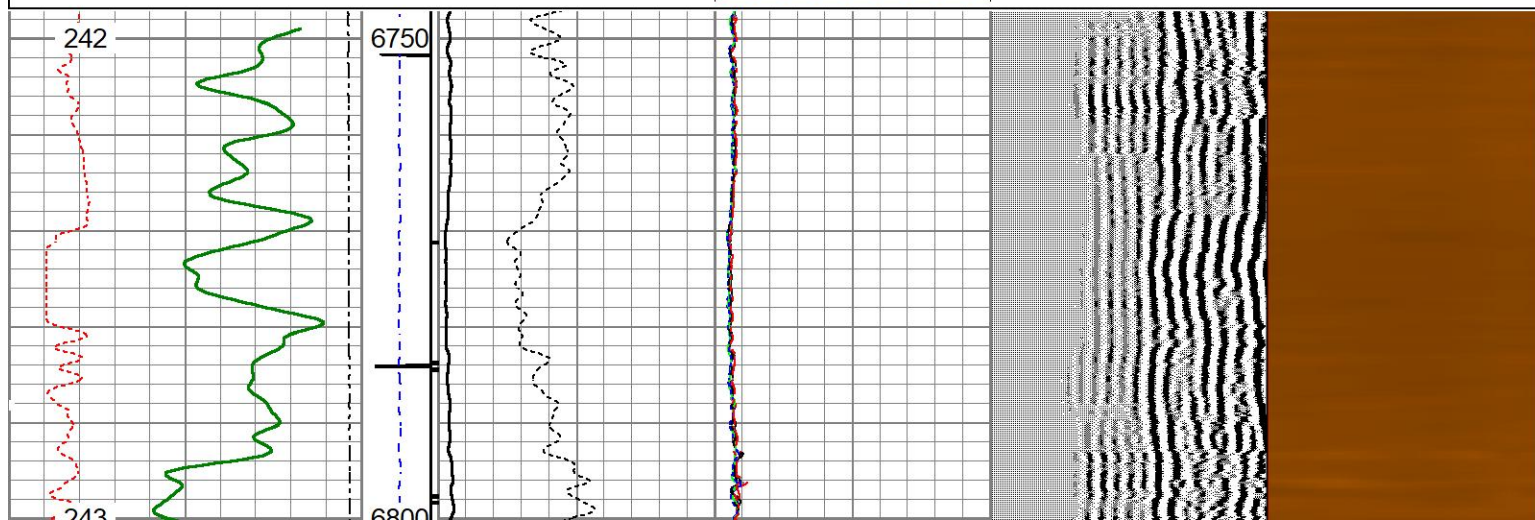
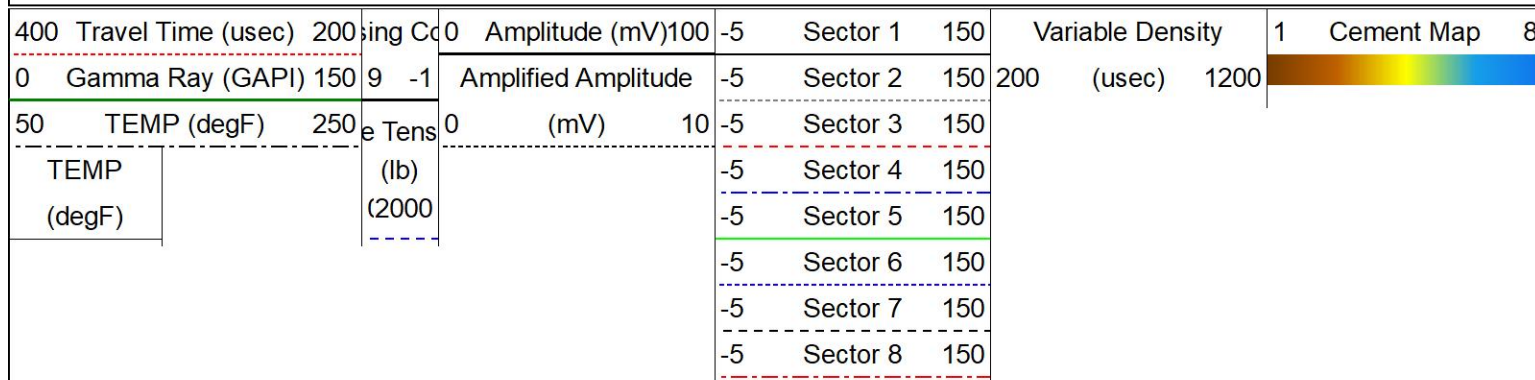


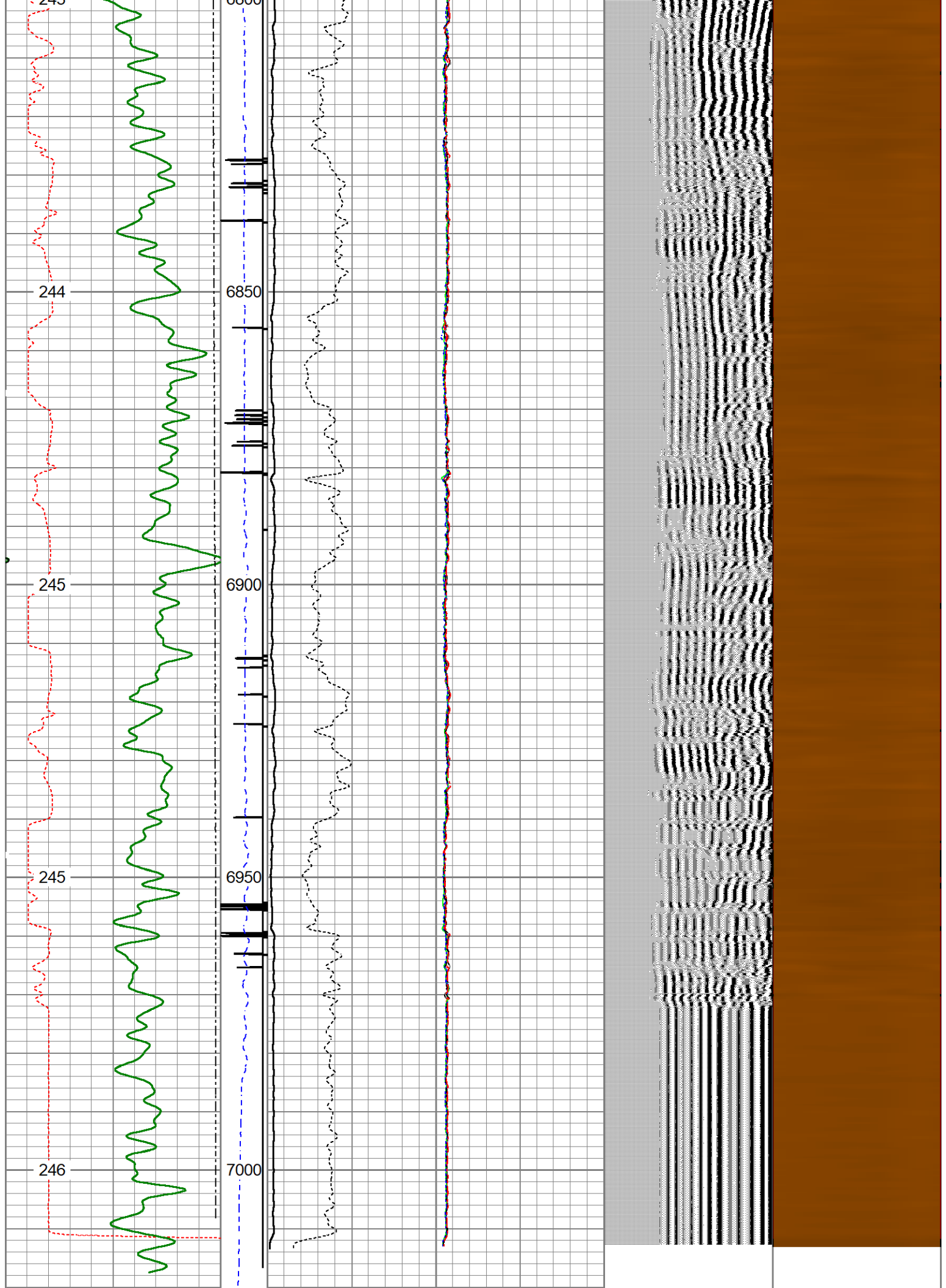



REPEAT PASS

2500 PSI

Database File: chevron_guttersen_d_10-735_rcbl.db
 Dataset Pathname: REPEATPASS1
 Presentation Format: rcbl_hh
 Dataset Creation: Tue Mar 29 07:56:53 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		1	Cement Map	8		
0	Gamma Ray (GAPI)	150	9 -1		Amplified Amplitude		-5	Sector 2	150	200	(usec)	1200				
50	TEMP (degF)	250	e Tens	0	(mV)	10	-5	Sector 3	150							
TEMP			(lb)				-5	Sector 4	150							
(degF)			(2000				-5	Sector 5	150							
							-5	Sector 6	150							
							-5	Sector 7	150							
							-5	Sector 8	150							

Calibration Report						
Database File	chevron_guttersen_d_10-735_rcbl.db					
Dataset Pathname	CBL1					
Dataset Creation	Tue Mar 29 08:02:24 2022					
Gamma Ray Calibration Report						
Type / Serial:			Probe275dig / 080830			
SHOP CALIBRATION		(Not Performed)				
		Counts/Sec.	Gain	Offset	Jig	Units
Background		0.0				cps
Calibrator		1.0				cps
			1.0000			GAPI/cps
PRIMARY VERIFICATION						
Background		0.0				cps
Calibrator		0.0				cps
Difference					0.0	GAPI
BEFORE SURVEY VERIFICATION						
Background		0.0				cps
Calibrator		0.0				cps
Difference					0.0	GAPI
AFTER SURVEY VERIFICATION						
Background		0.0				cps
Calibrator		0.0				cps
Difference					0.0	GAPI

Segmented Cement Bond Log Calibration Report				
Serial Number:	FW1306-47			
Tool Model:	Probe 2.75 Radii W/Temp			
Calibration Casing Diameter:	5.500	in		
Calibration Depth:	1098.458	ft		

Master Calibration, performed Tue Mar 29 07:34:38 2022:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.005	0.649	1.000	71.921	108.498	1.534
CAL	-0.006	0.835				
5'	-0.005	0.606	1.000	71.921	116.021	1.625
SUM						
24'	0.010	0.005	0.000	100.000	100.500	1.017



S1	-0.010	0.605	0.000	100.000	162.569	1.647
S2	-0.009	0.643	0.000	100.000	153.543	1.306
S3	-0.008	0.652	0.000	100.000	151.401	1.283
S4	-0.008	0.671	0.000	100.000	147.259	1.215
S5	-0.008	0.680	0.000	100.000	145.313	1.204
S6	-0.008	0.666	0.000	100.000	148.403	1.163
S7	-0.012	0.631	0.000	100.000	155.532	1.918
S8	-0.016	0.598	0.000	100.000	163.070	2.536

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.006	0.835	1.000	0.000

Air Zero Calibration, performed (Not Performed):

	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	

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
Temp	12.88		CHD-Titan Titan 1 7/16" GO Cablehead	1.00	1.44	5.00
			RBT-Probe 2.75 Radii W/Temp (FW1306-47) Probe 2.75" Radial with Integral Temperature Sub	9.21	2.75	90.00
WVFS8	10.65					
WVFS7	10.65					
WVFS6	10.65					
WVFS5	10.65					
WVFS4	10.65					
WVFS3	10.65					
WVFS2	10.65					

