



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

Company CHEVRON

Well GUTTERSEN D12-755

Field WATTENBERG

County WELD State COLORADO

Location: API # : 05-123-49077

**Other Services
None**

SEC 1 TWP 3N RGE 64W

**Permanent Datum GL Elevation 4745'
Log Measured From KB
Drilling Measured From KB**

**Elevation
K.B. 4775'
D.F.
G.L. 4745'**

**Company CHEVRON
Well GUTTERSEN D12-755
Field WATTENBERG
County WELD
State COLORADO**

Date May 17, 2022

Run Number	ONE
Depth Driller	17,374 FT
Depth Logger	6940 FT
Bottom Logged Interval	6916 FT
Top Log Interval	Surface
Open Hole Size	8.50"
Type Fluid	Water
Density / Viscosity	---
Max. Recorded Temp.	229
Estimated Cement Top	See Log
Time Well Ready	07:00
Time Logger on Bottom	9:42
Equipment Number	#67
Location	Platteville, CO
Recorded By	M. Steinman
Witnessed By	Andy Dockins

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Mgd/Ft	Top	Bottom
Surface String	9-5/8"	36.00	Surface	1939.9 FT
Prot. String				
Production String	5-1/2"	17.00	Surface	17,364.2 FT
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
TOOLSTRING CENTRALIZED VIA 3 X GEMCO CENTRALIZERS
LOG CORRELATED TO MARKER JOINT @ 5972'-5982'**

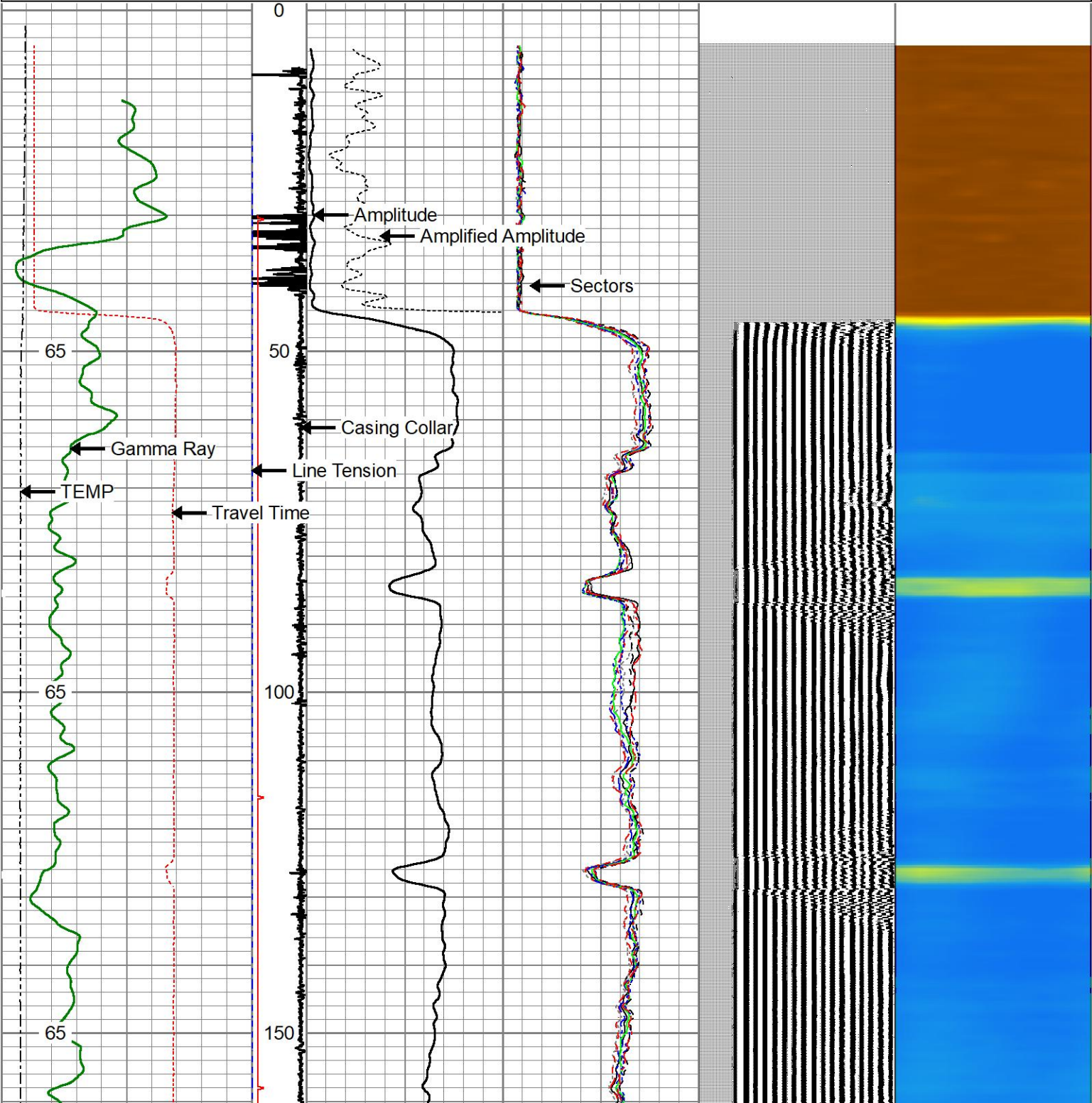
THANK YOU FOR CHOOSING KLX ENERGY SERVICES

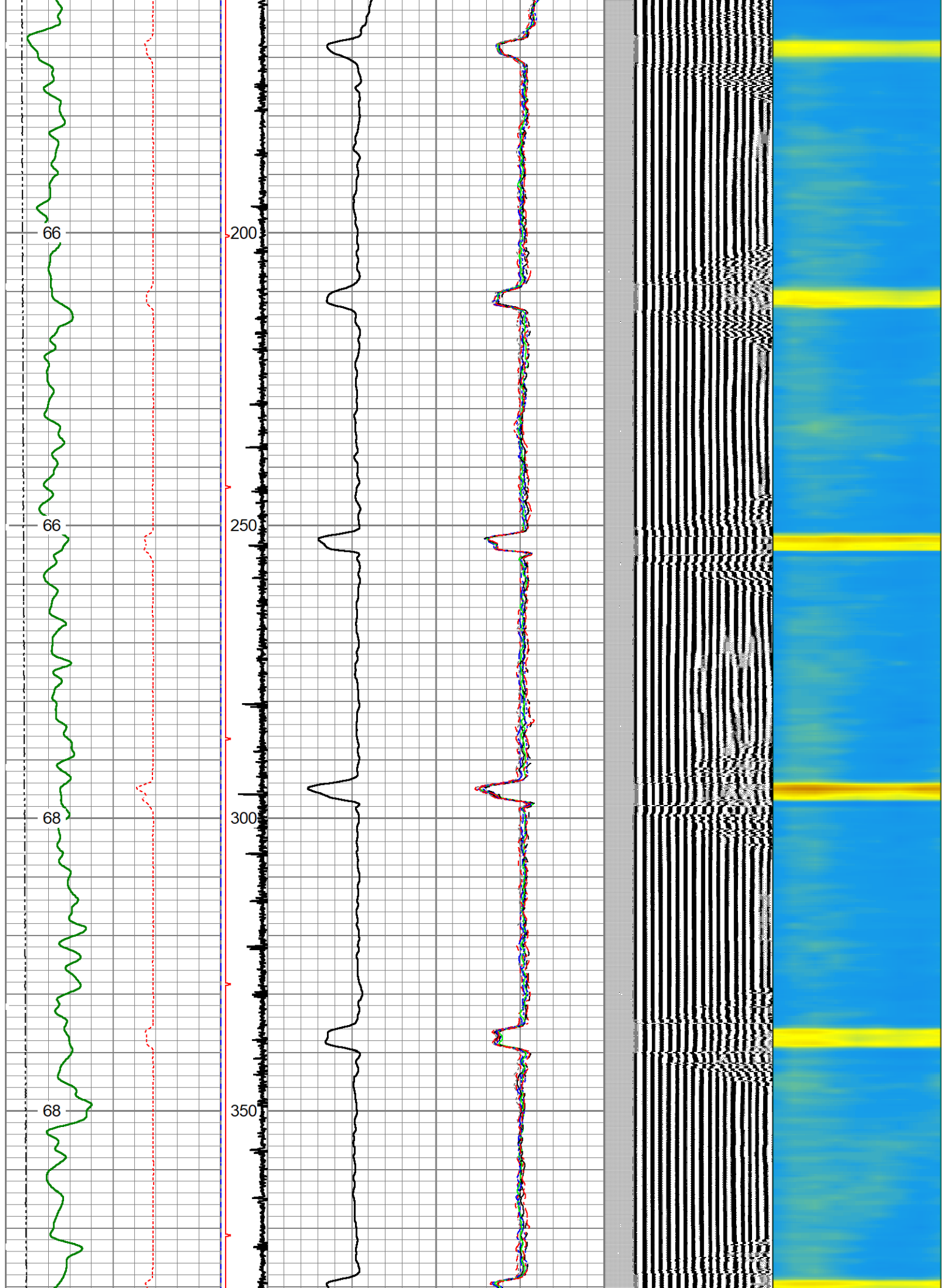


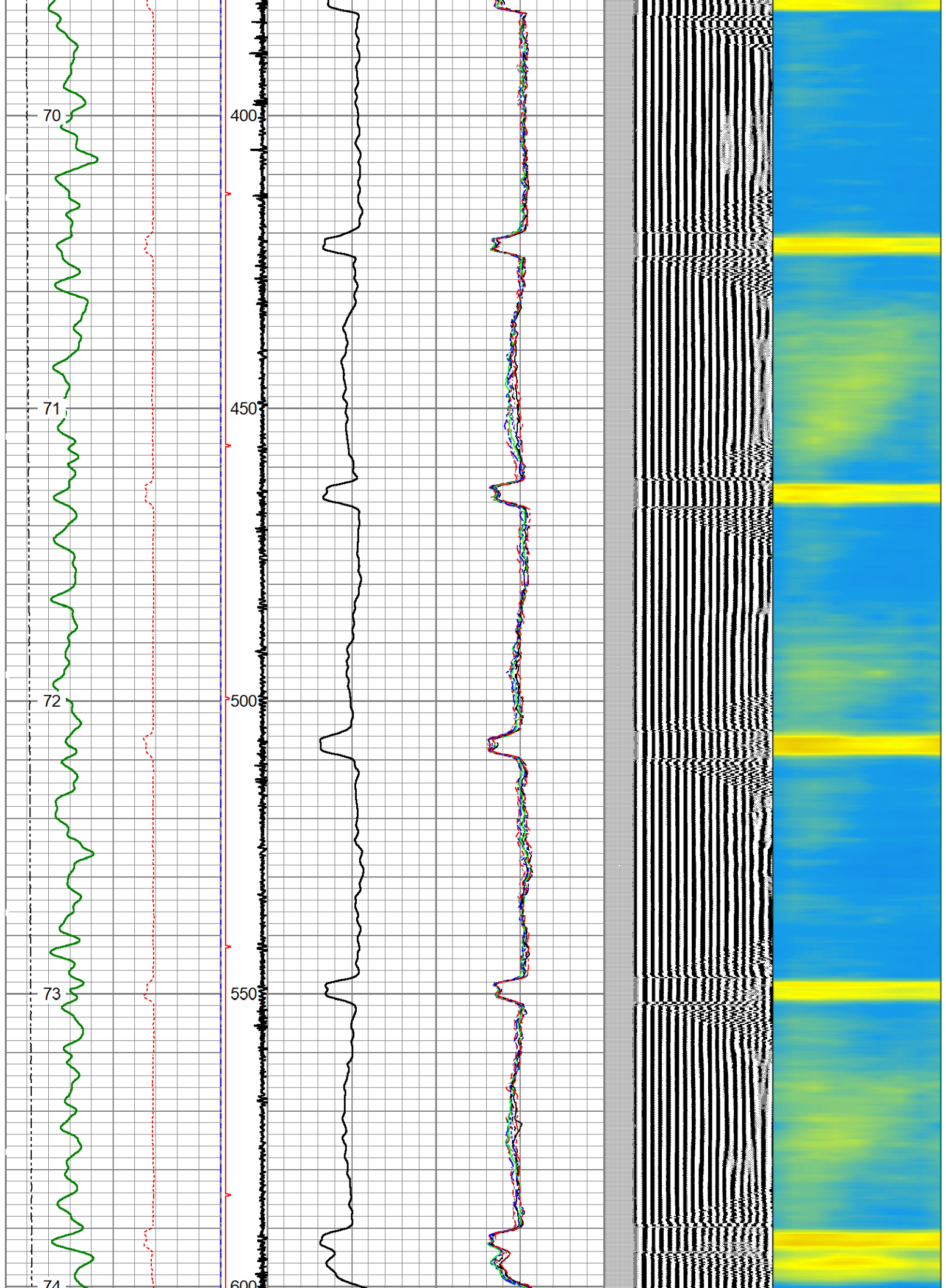
Main Pass

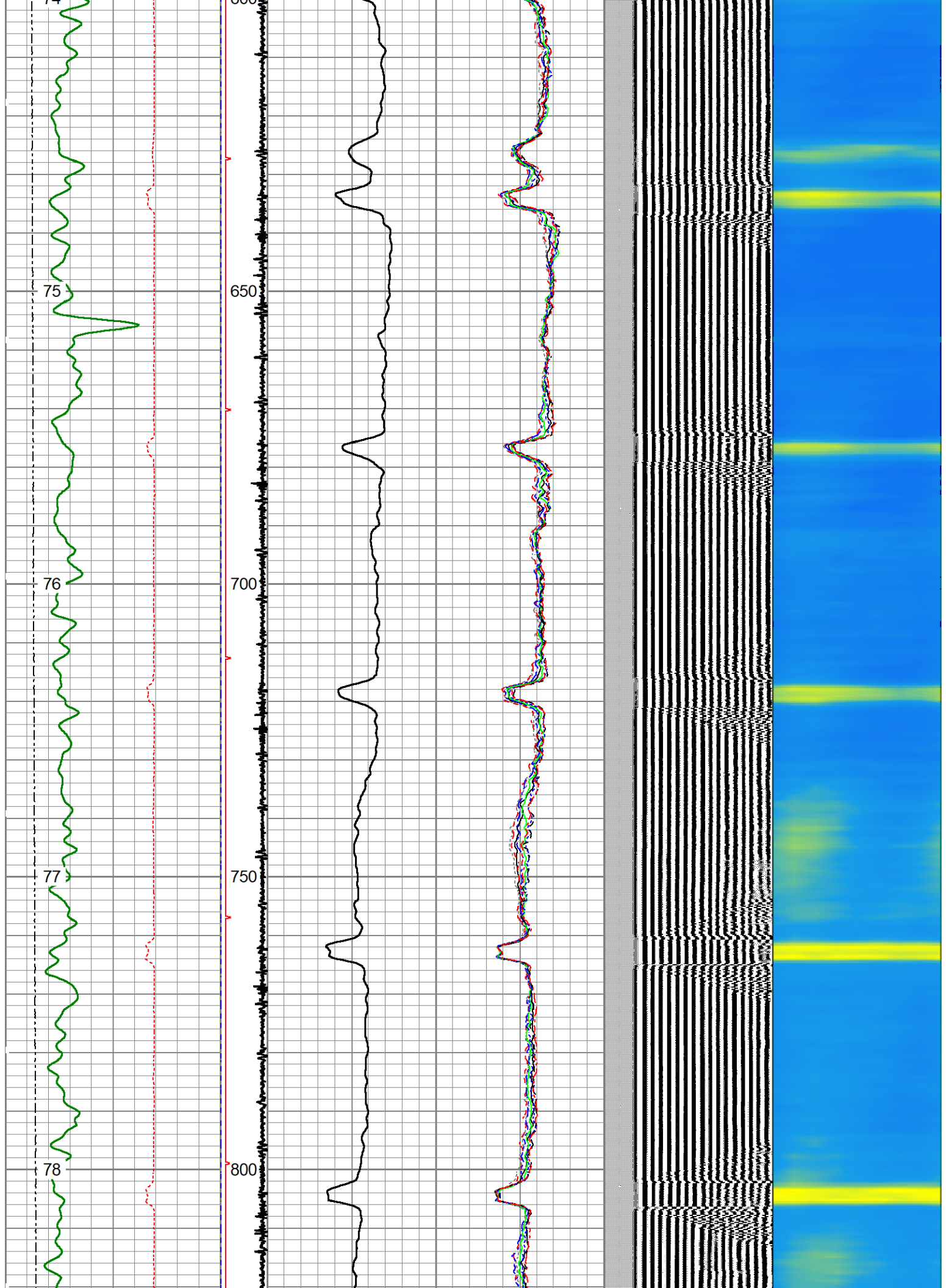
Recorded With 2500 PSI Surface Induced Pressure

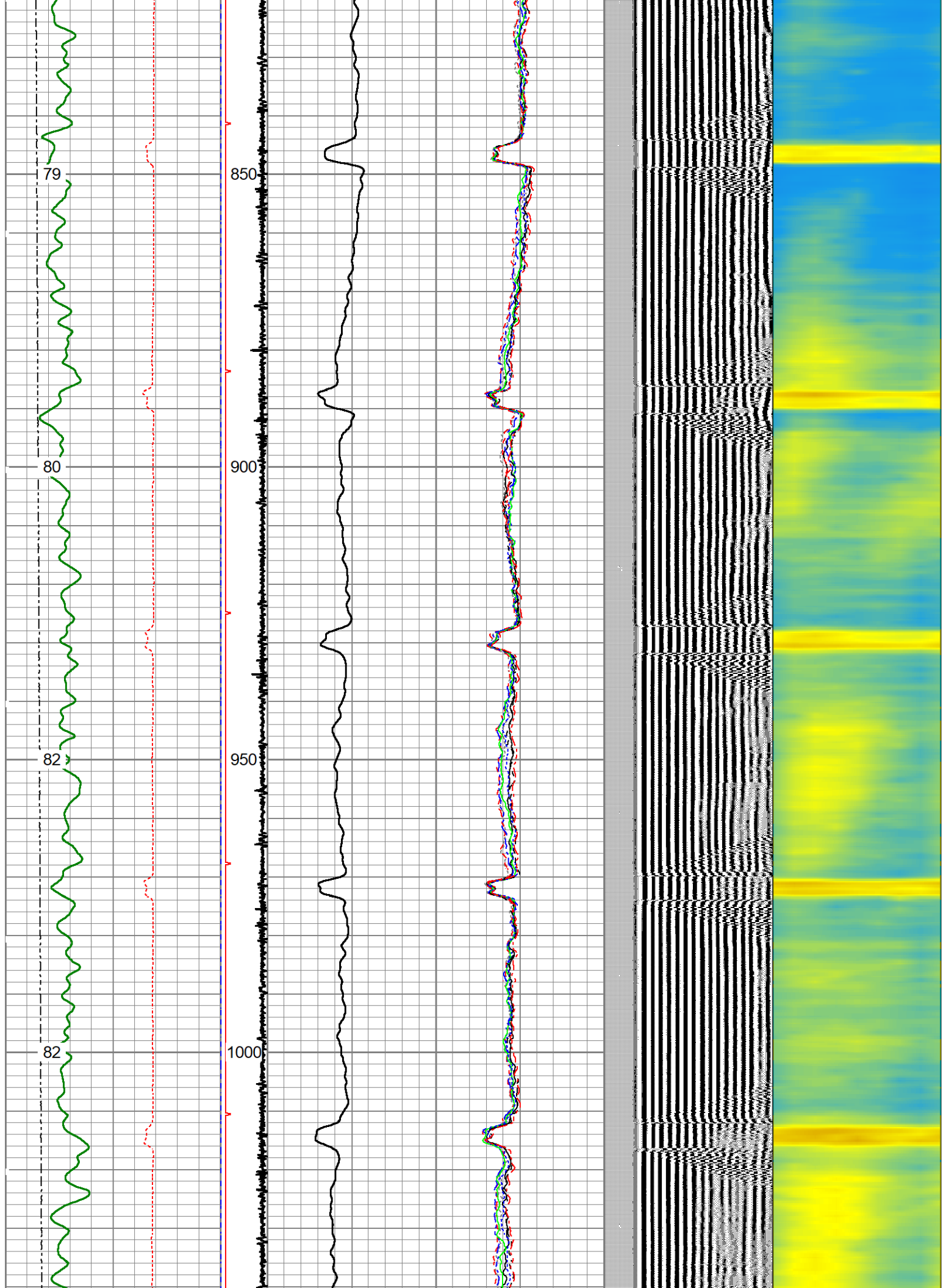
Database File	chevron_guttersen_d12_755_cnl_rcbl_05-17-2022_depth.db									
Dataset Pathname	main/pass1.4									
Presentation Format	rcbl_hh									
Dataset Creation	Tue May 24 12:52:08 2022									
Charted by	Depth in Feet scaled 1:240									
400	Travel Time (usec)	200	ing Co	0	Amplitude (mV)	100	-5	Sector 1	150	Variable Density
0	Gamma Ray (GAPI)	150	9 -1		Amplified Amplitude		-5	Sector 2	150	(usec)
50	TEMP (degF)	250	e Tens	0	(mV)	10	-5	Sector 3	150	1200
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	

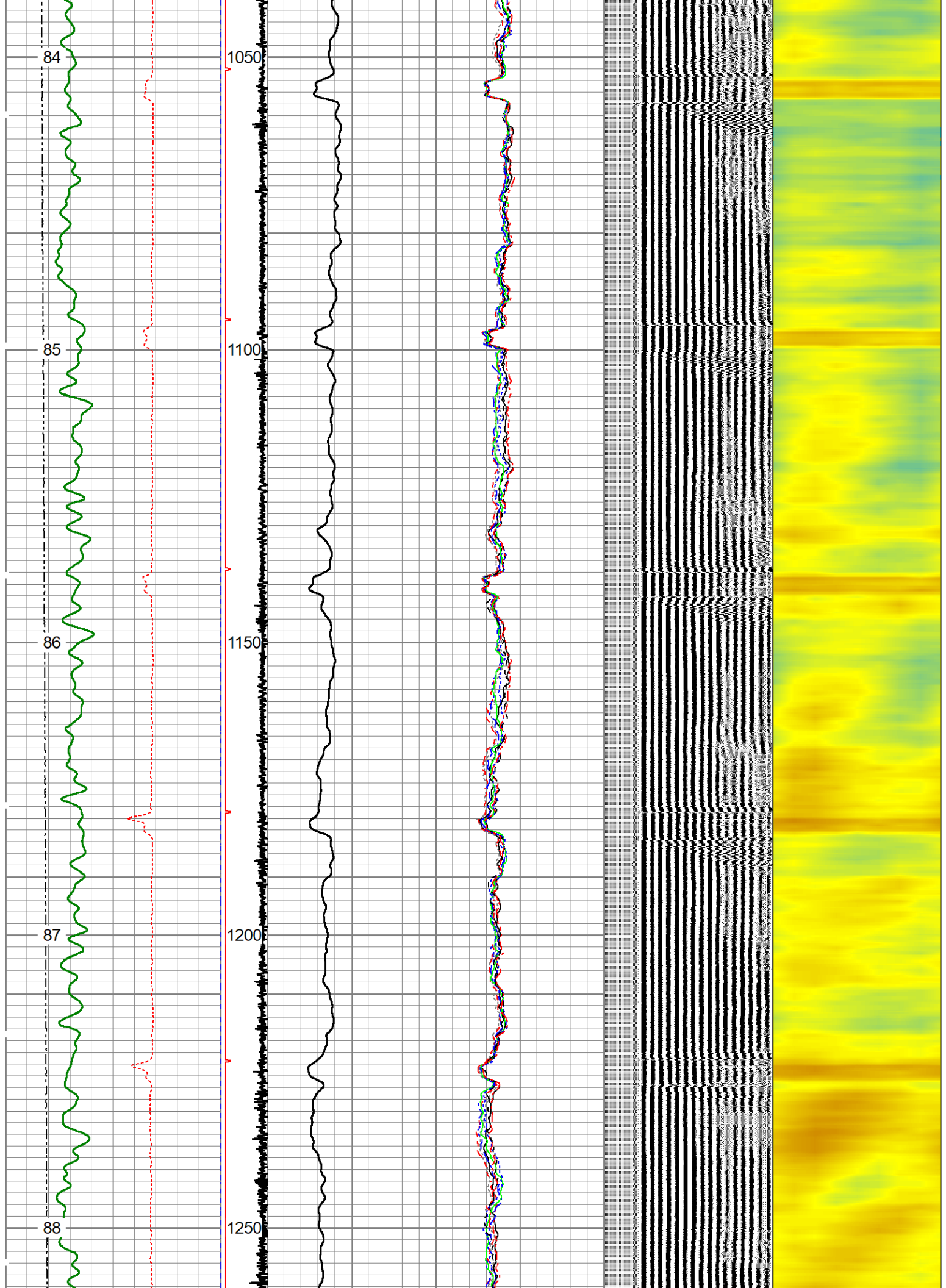


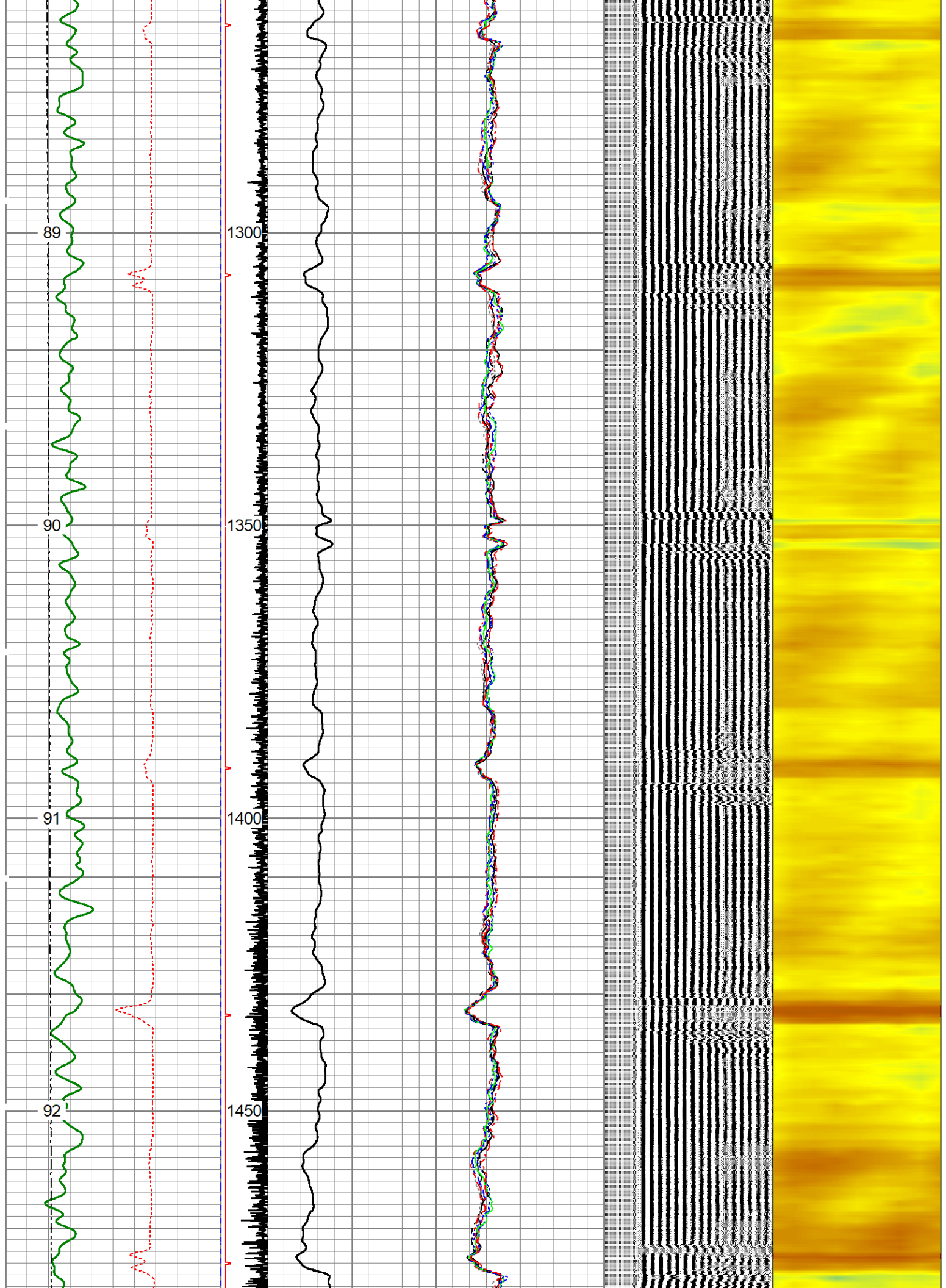


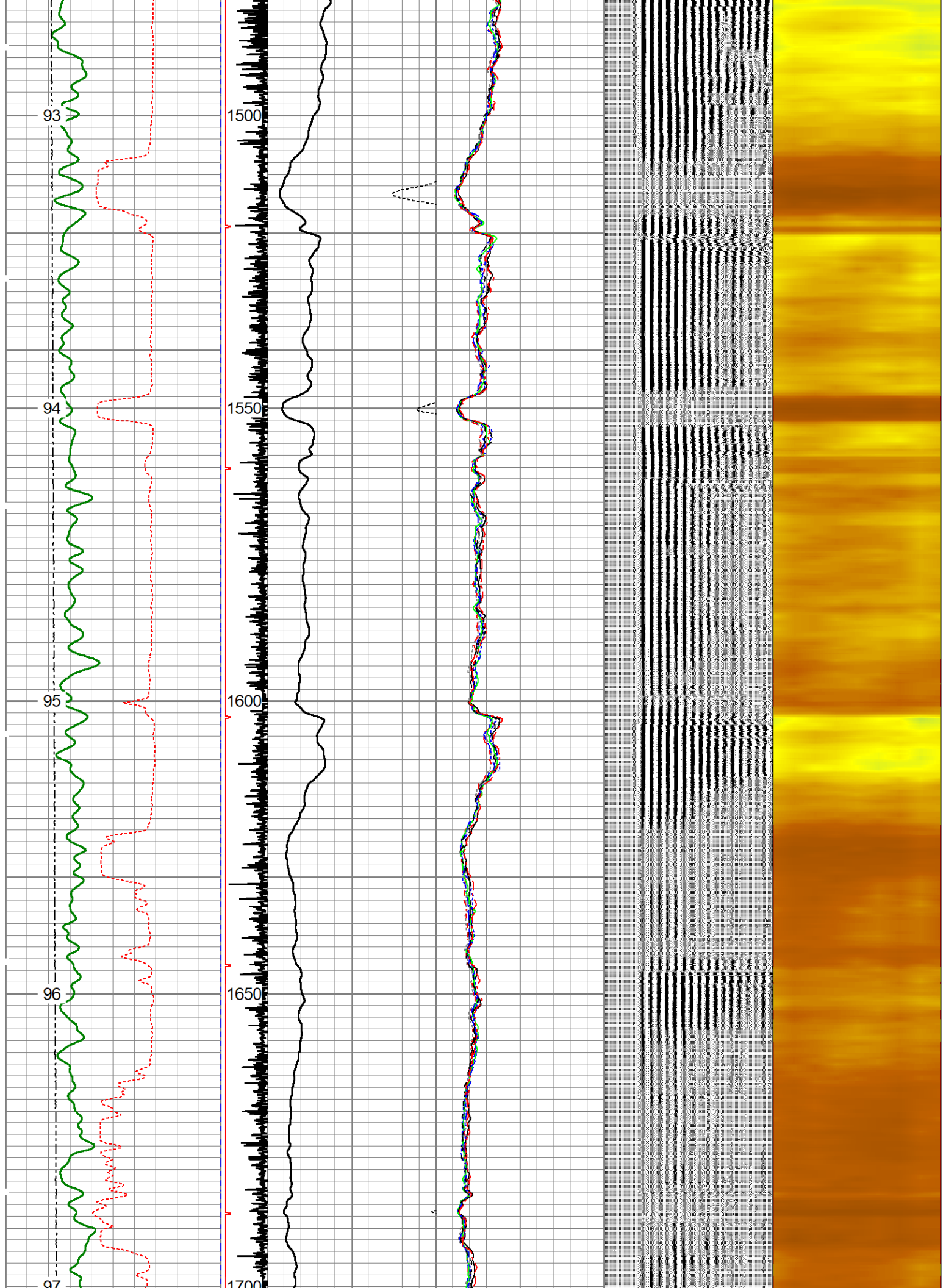


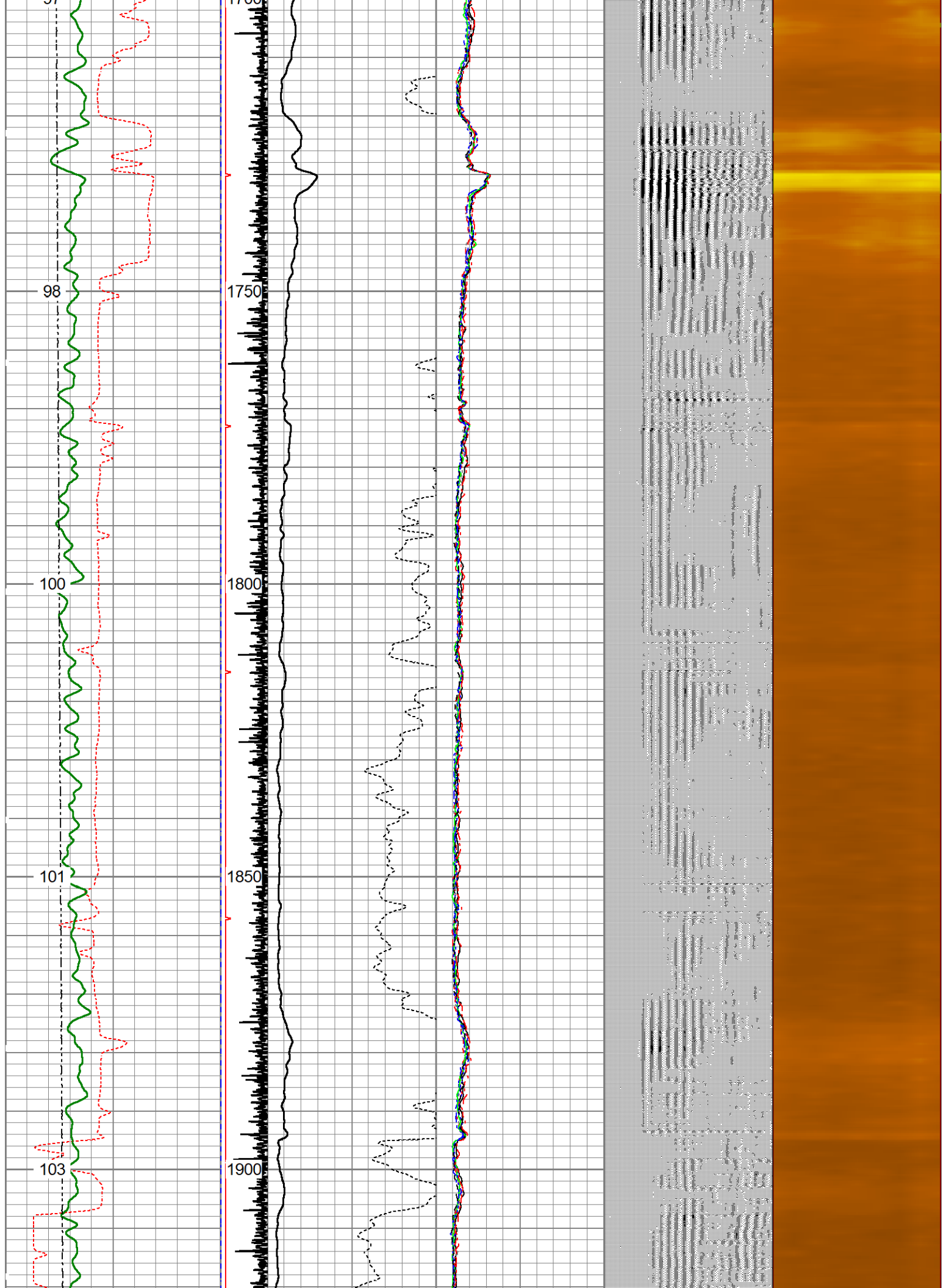


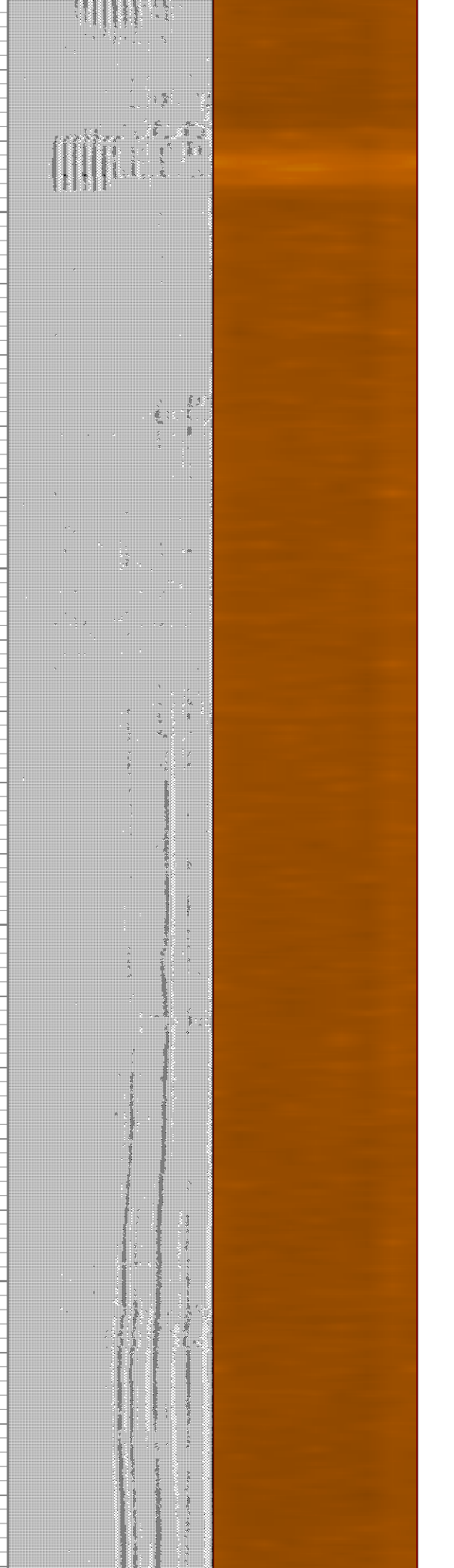
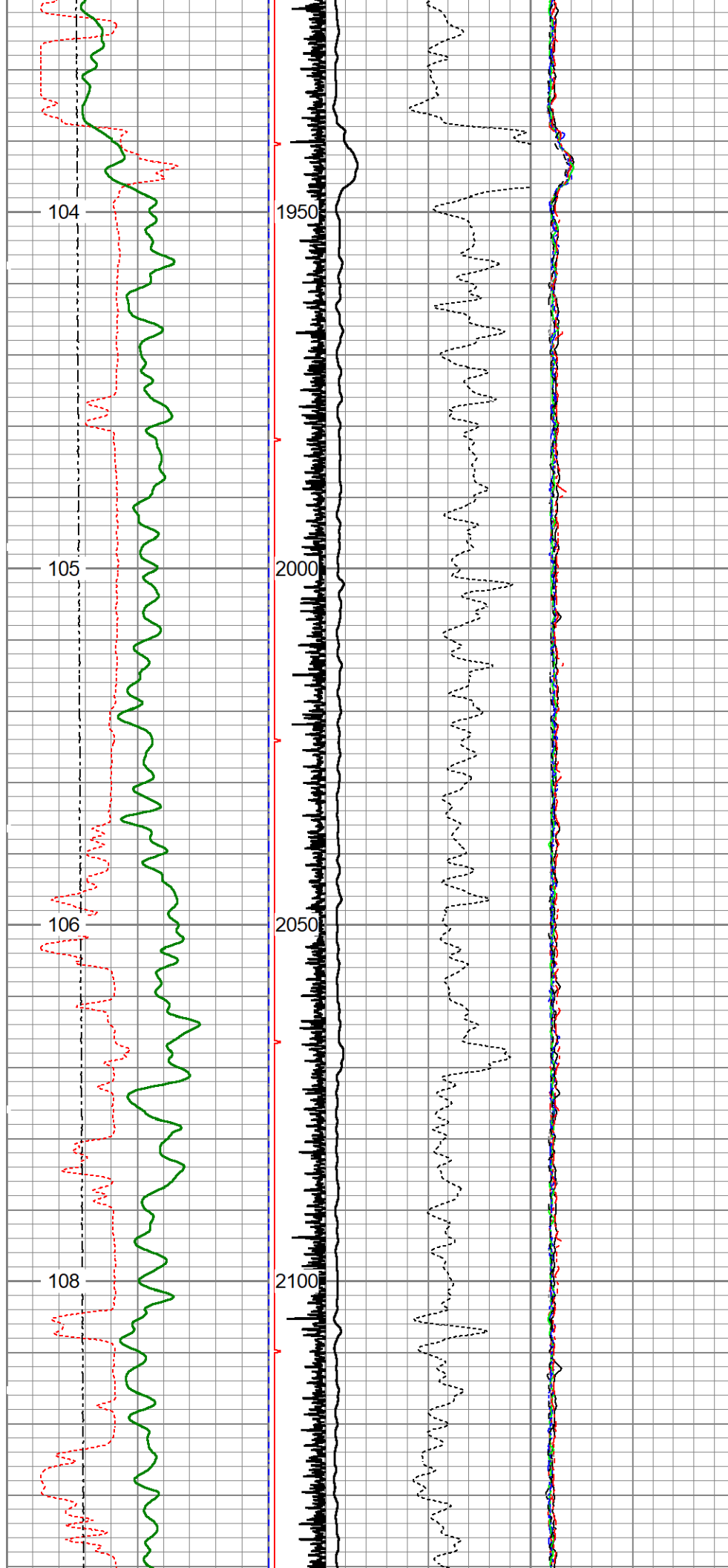


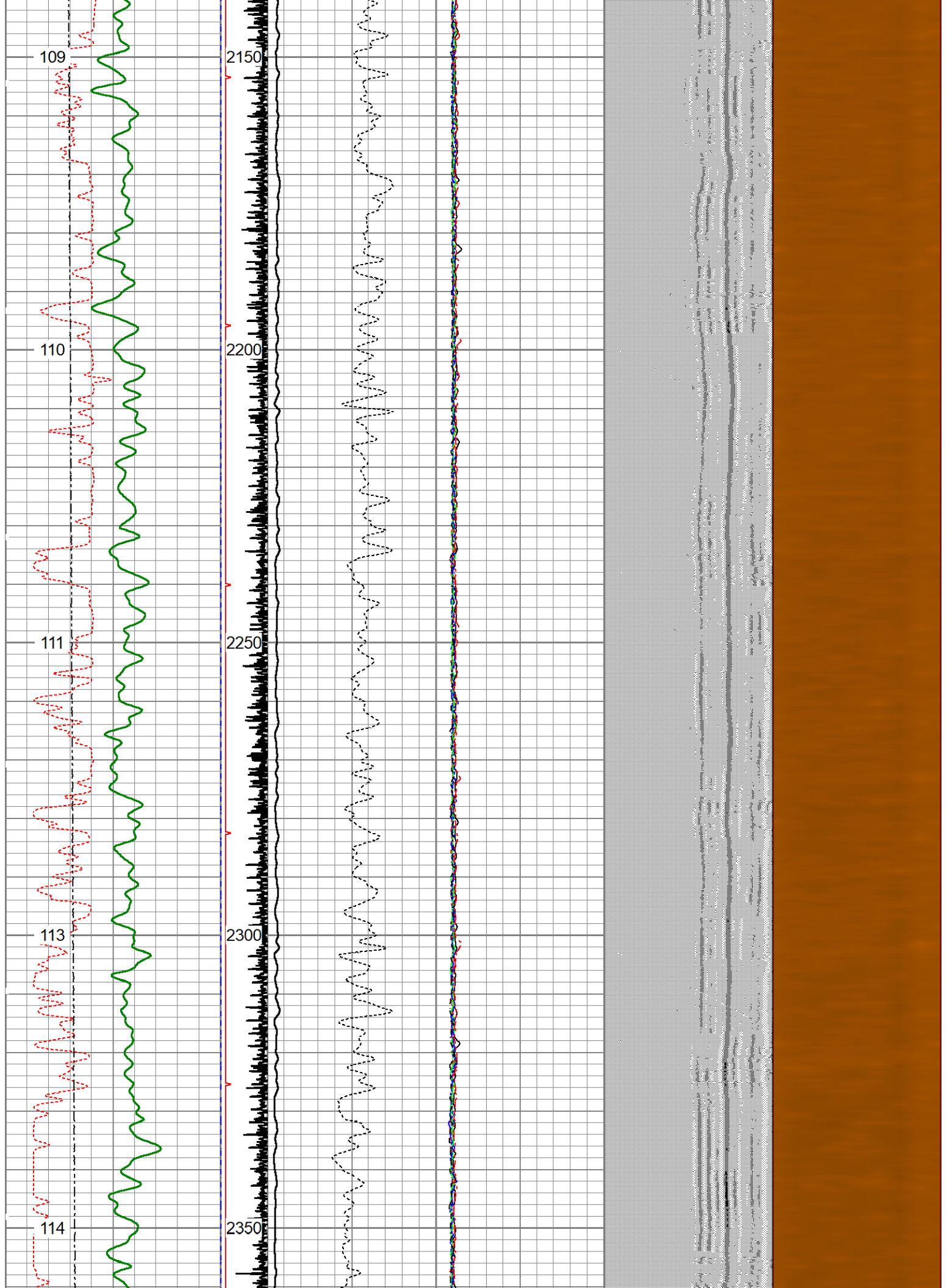


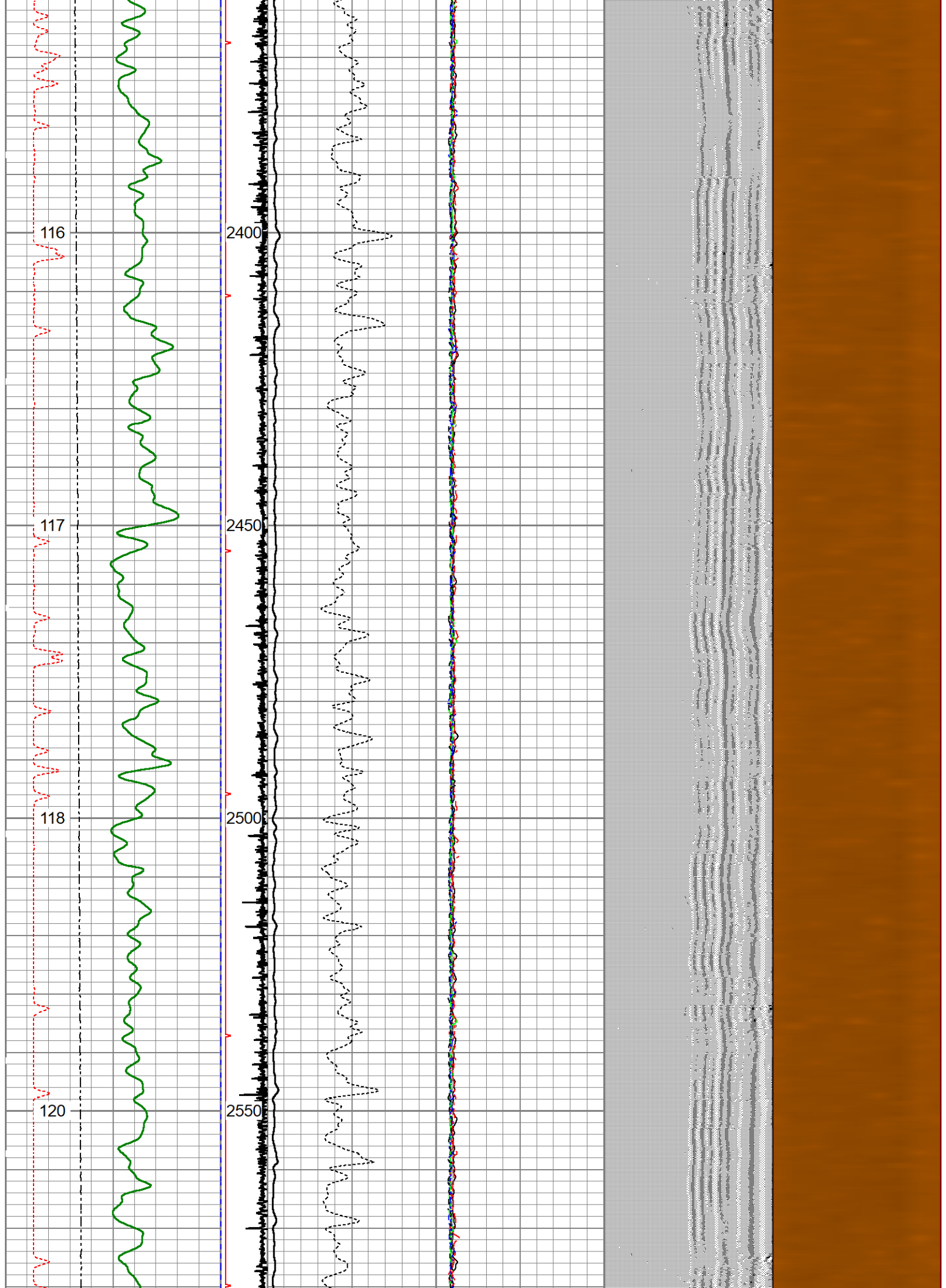


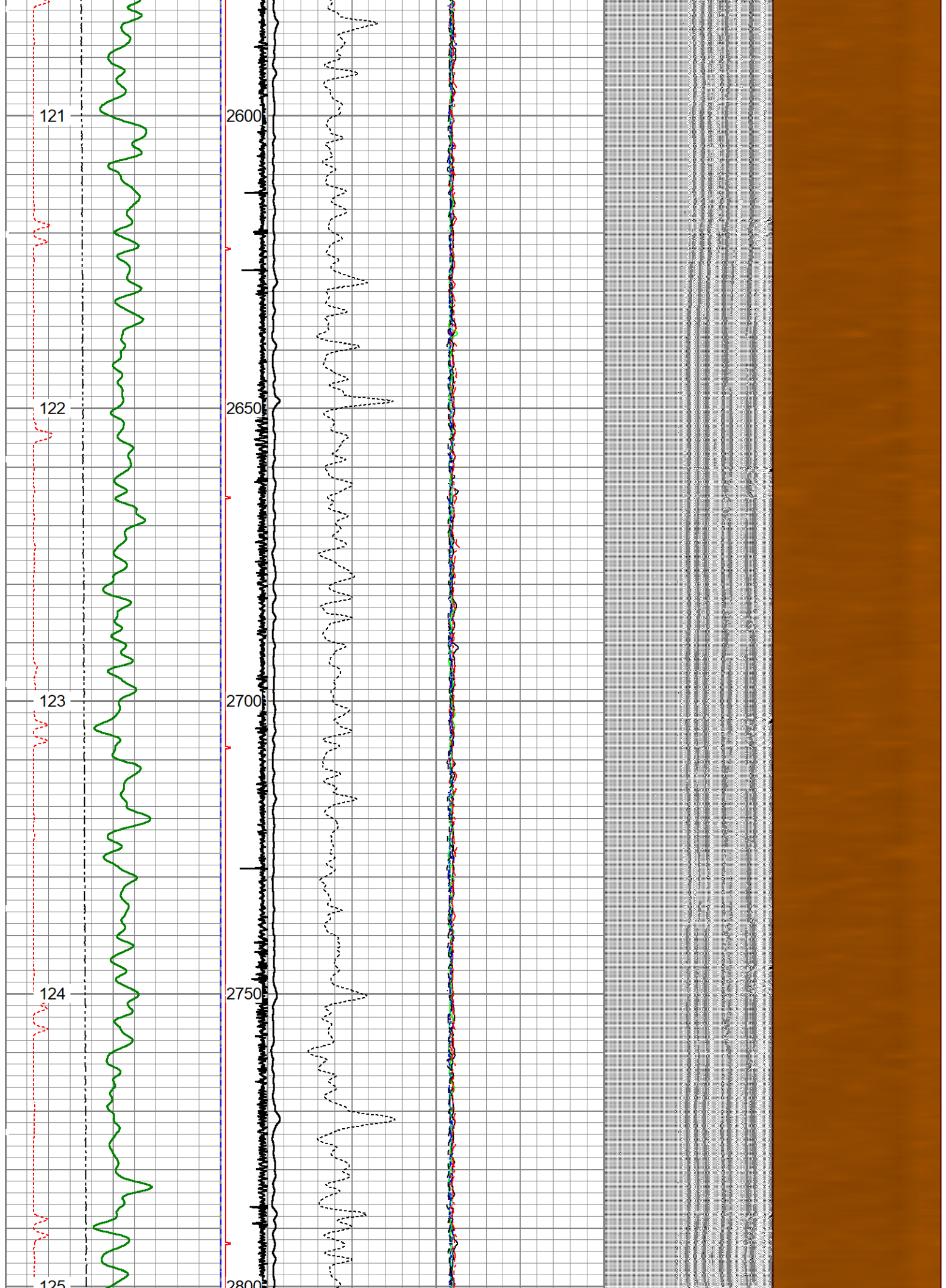


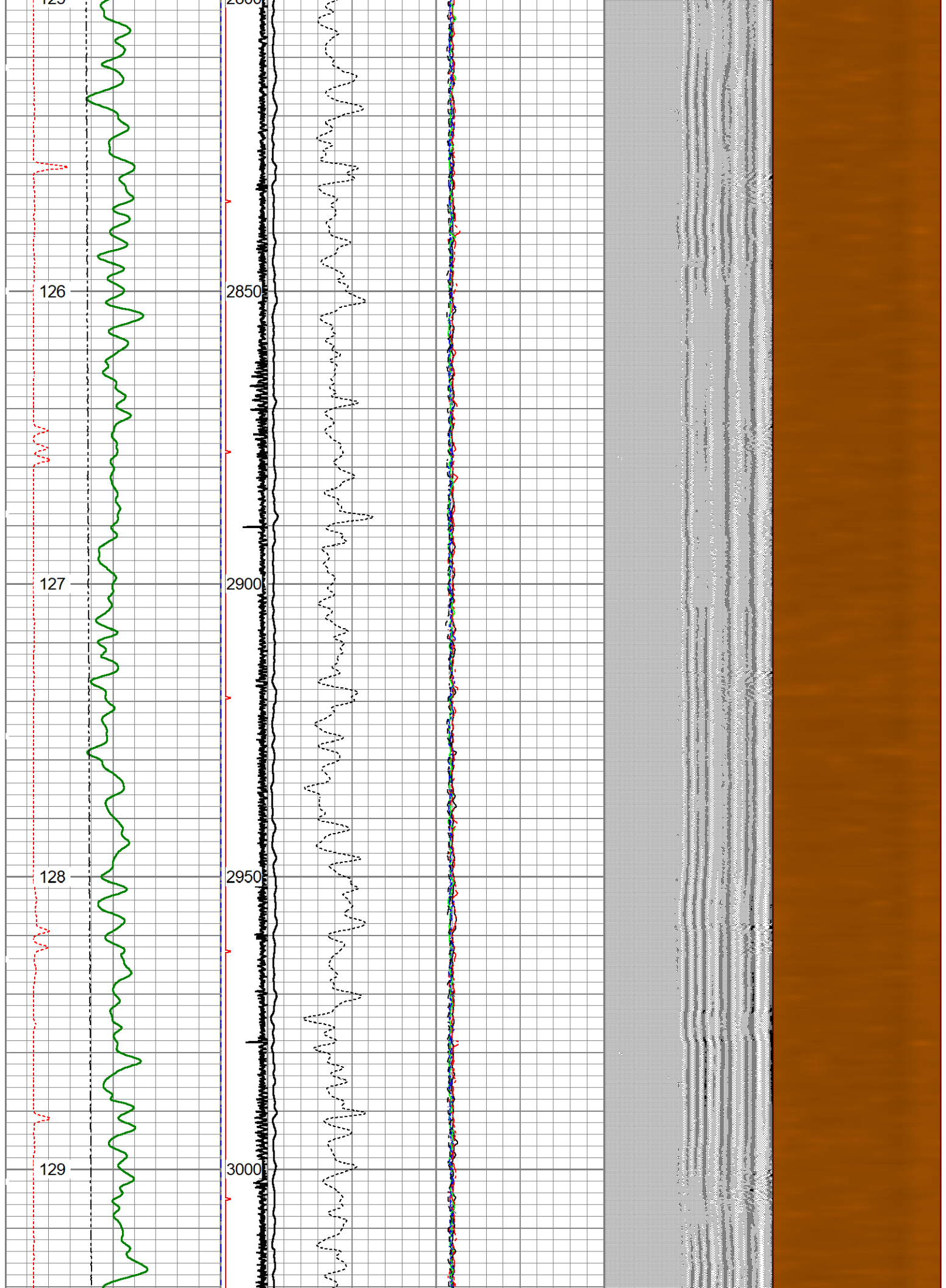


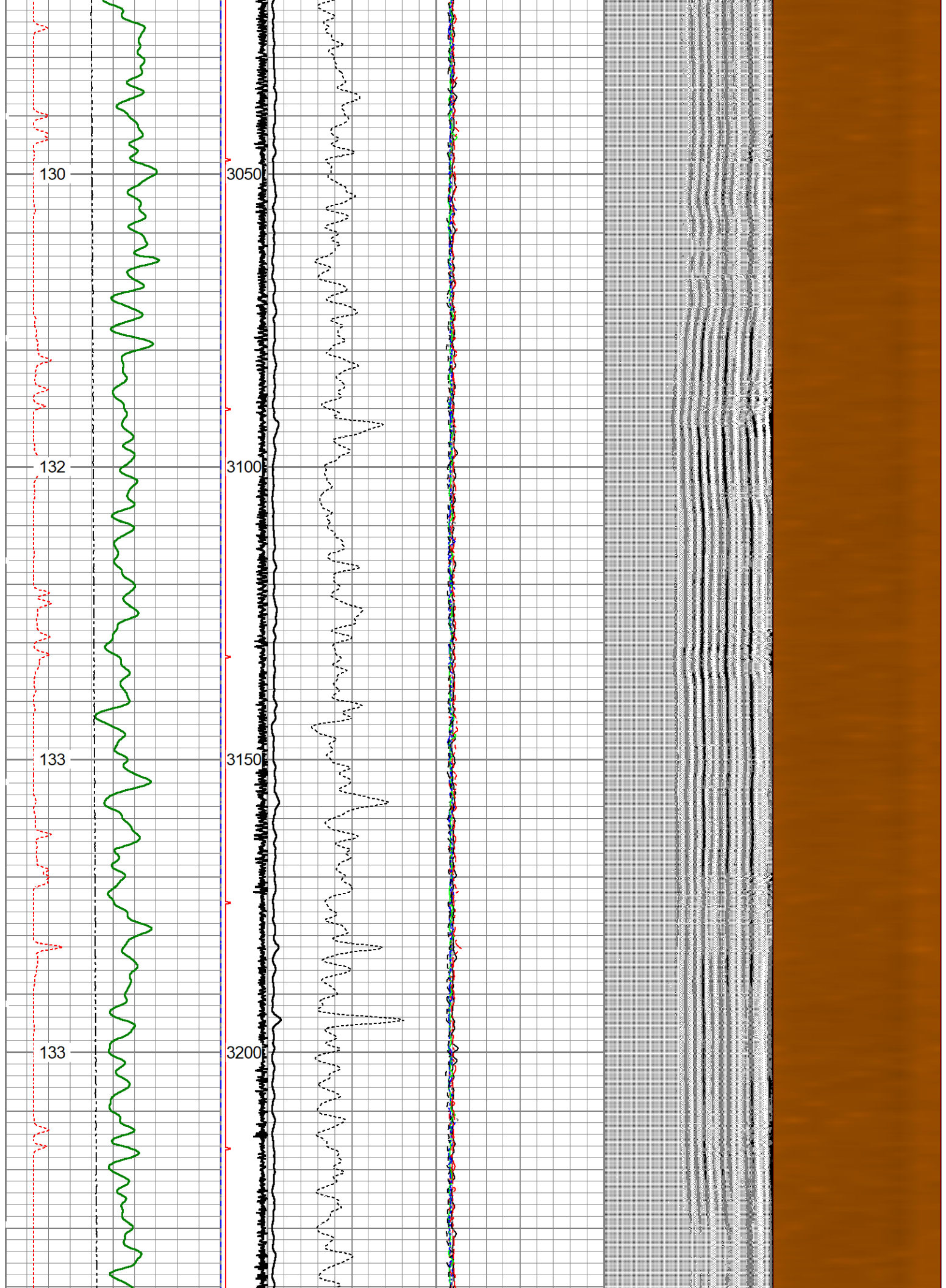


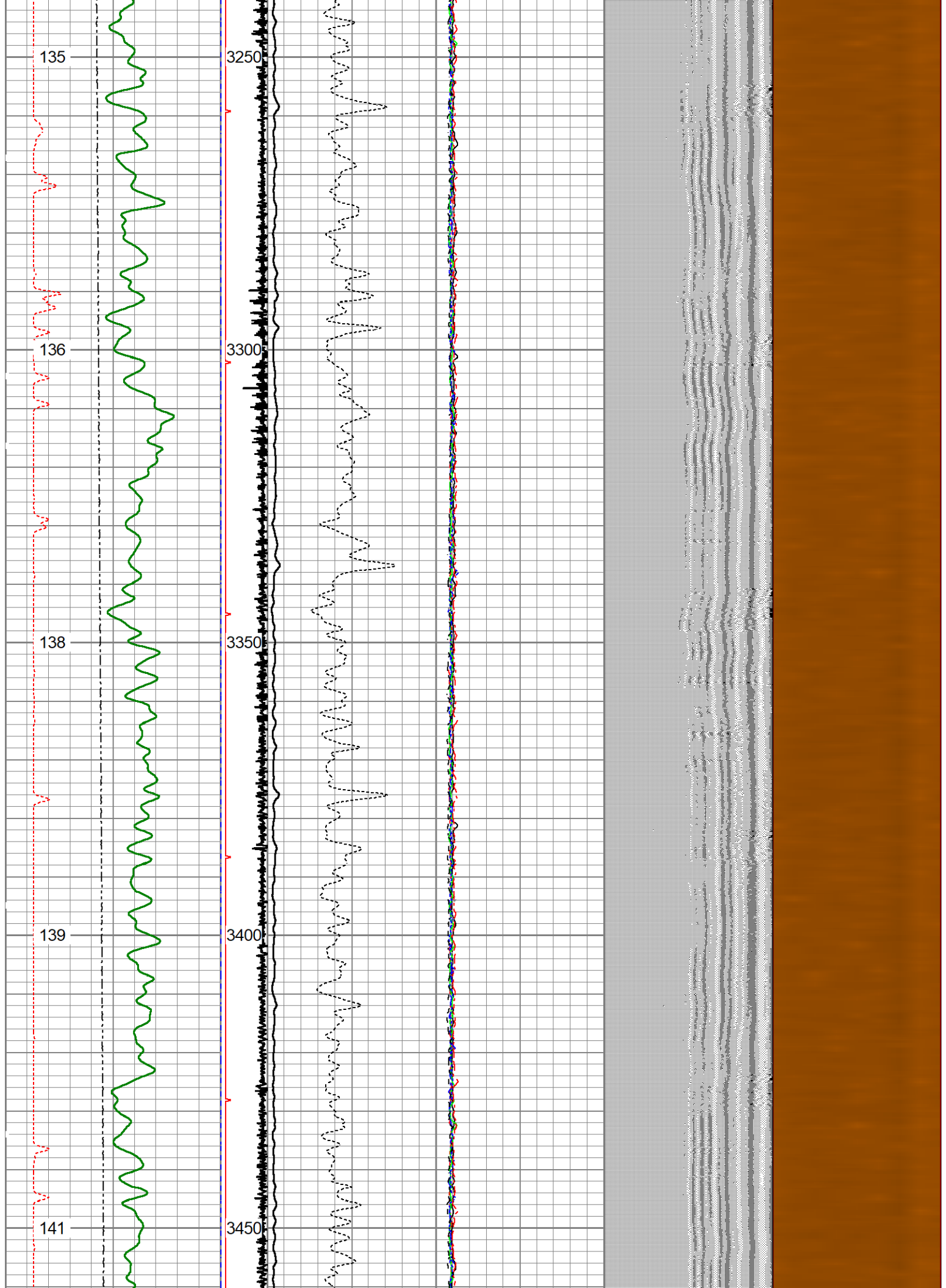


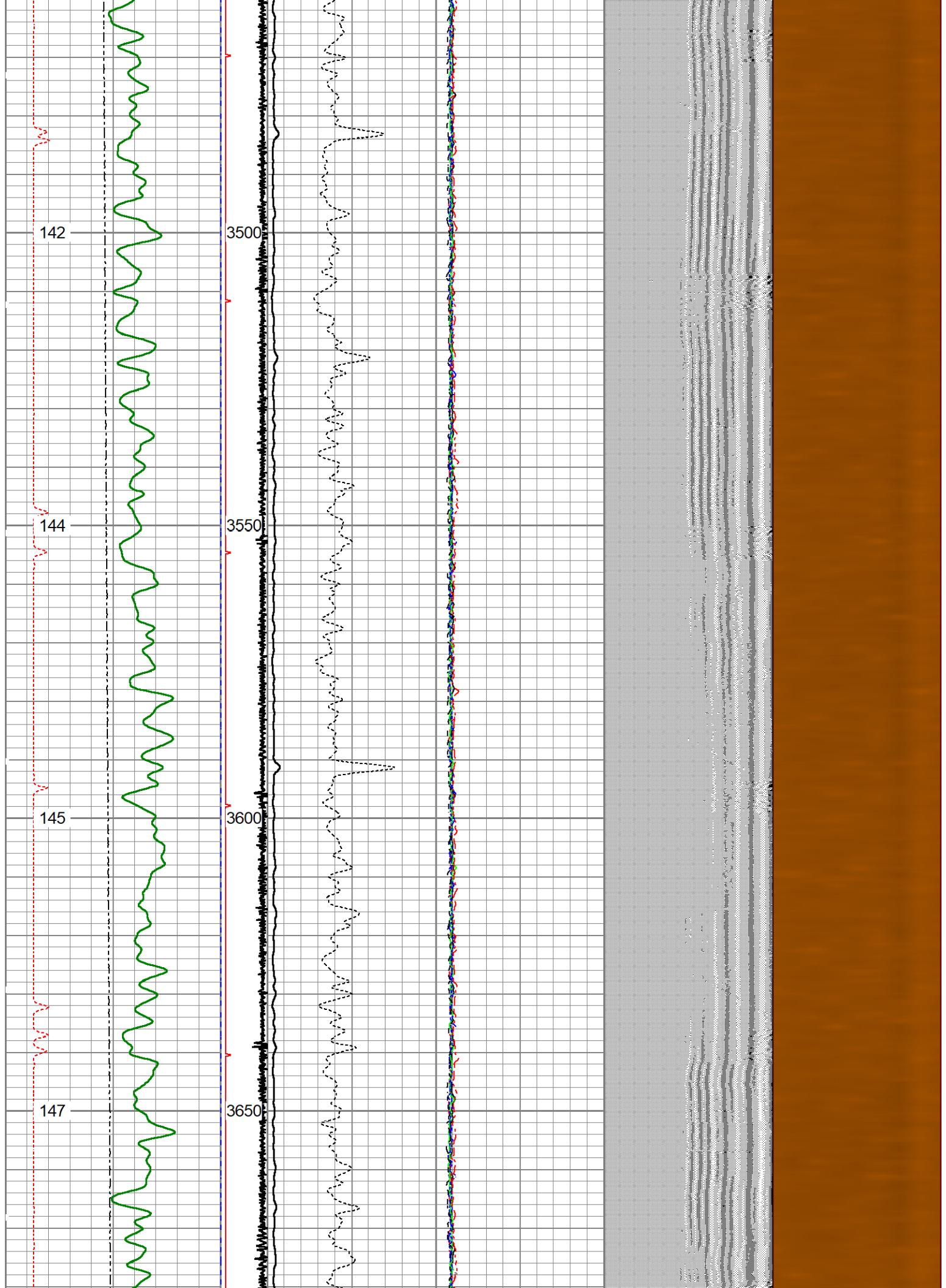


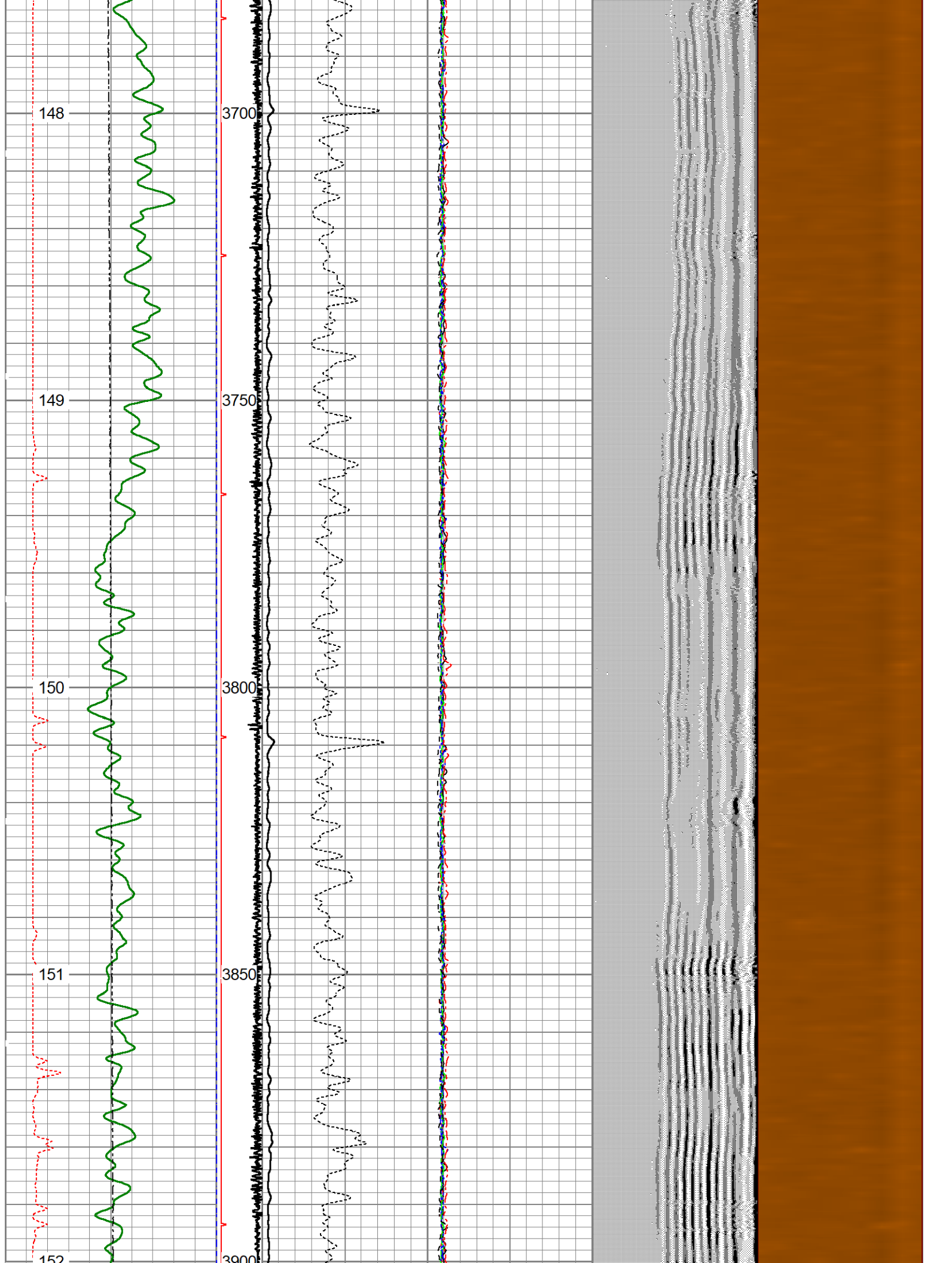


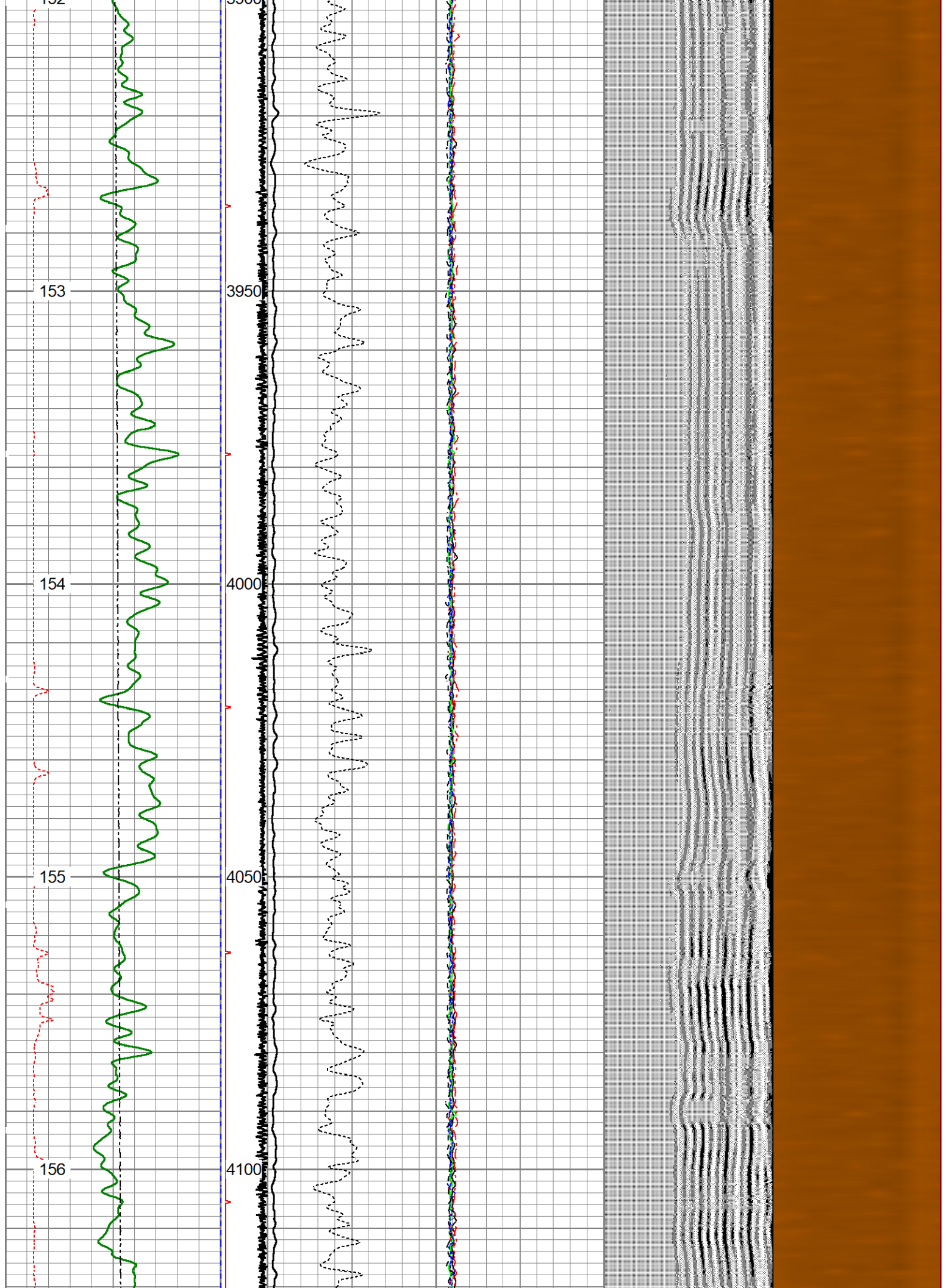


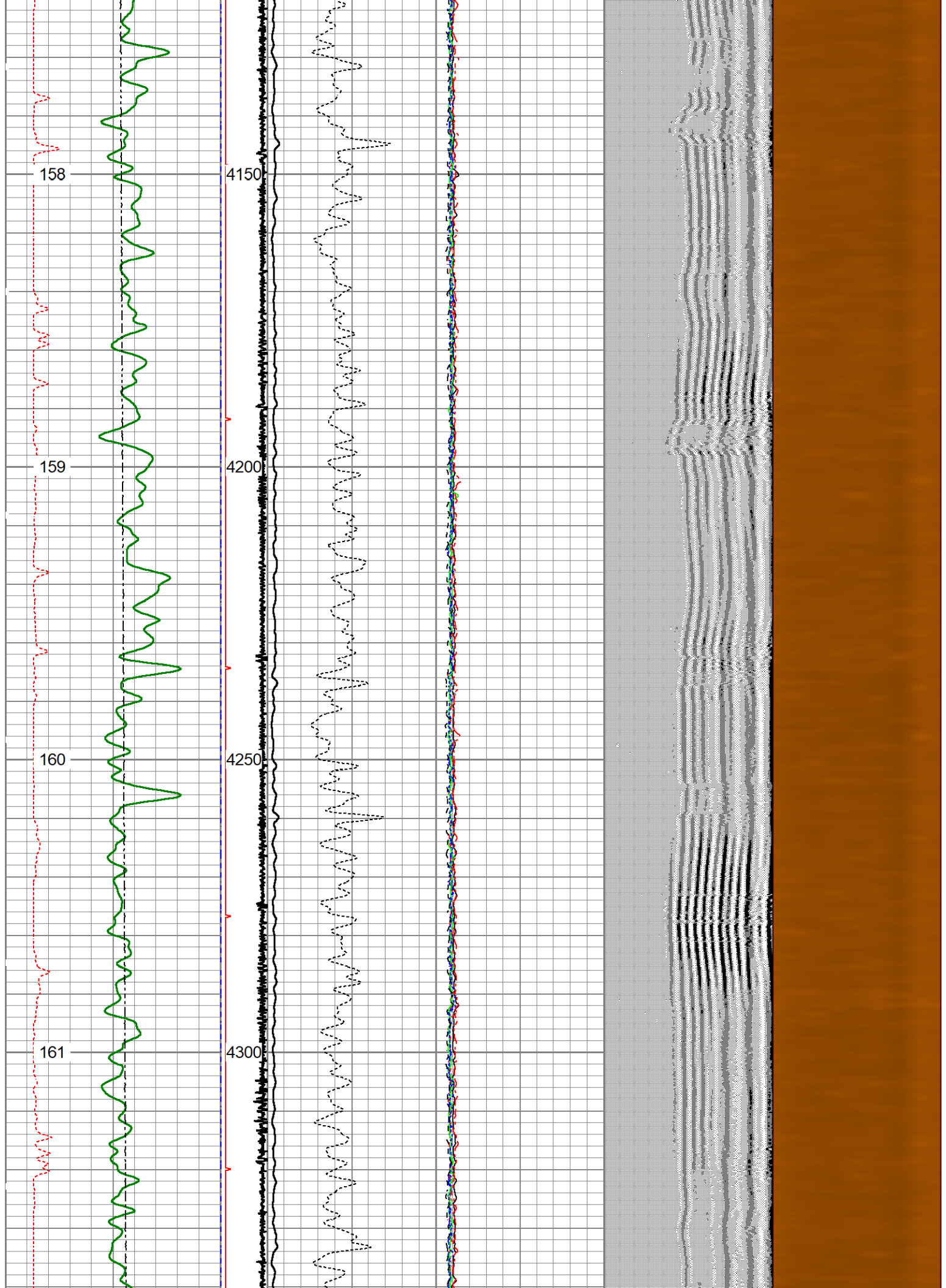


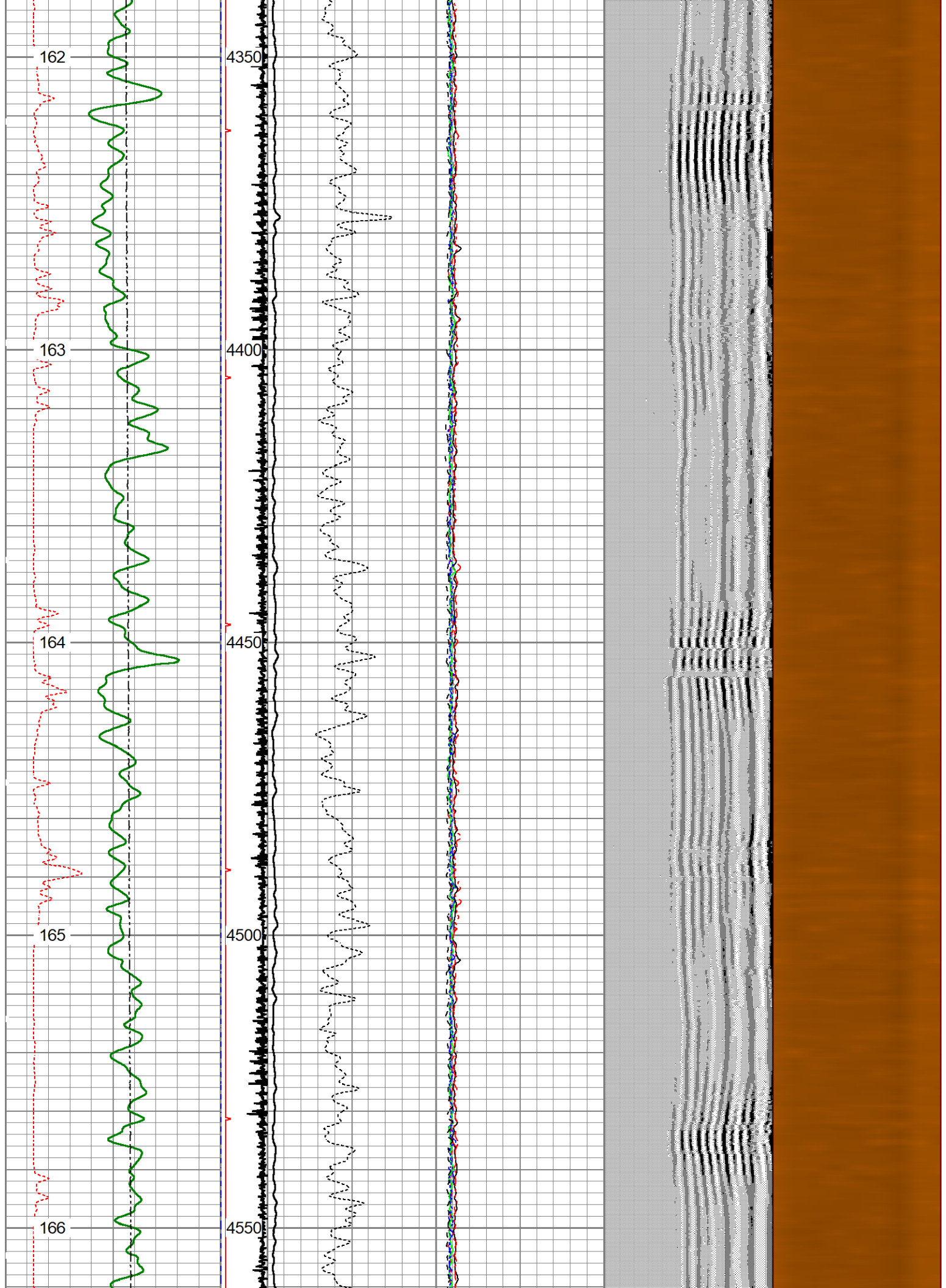


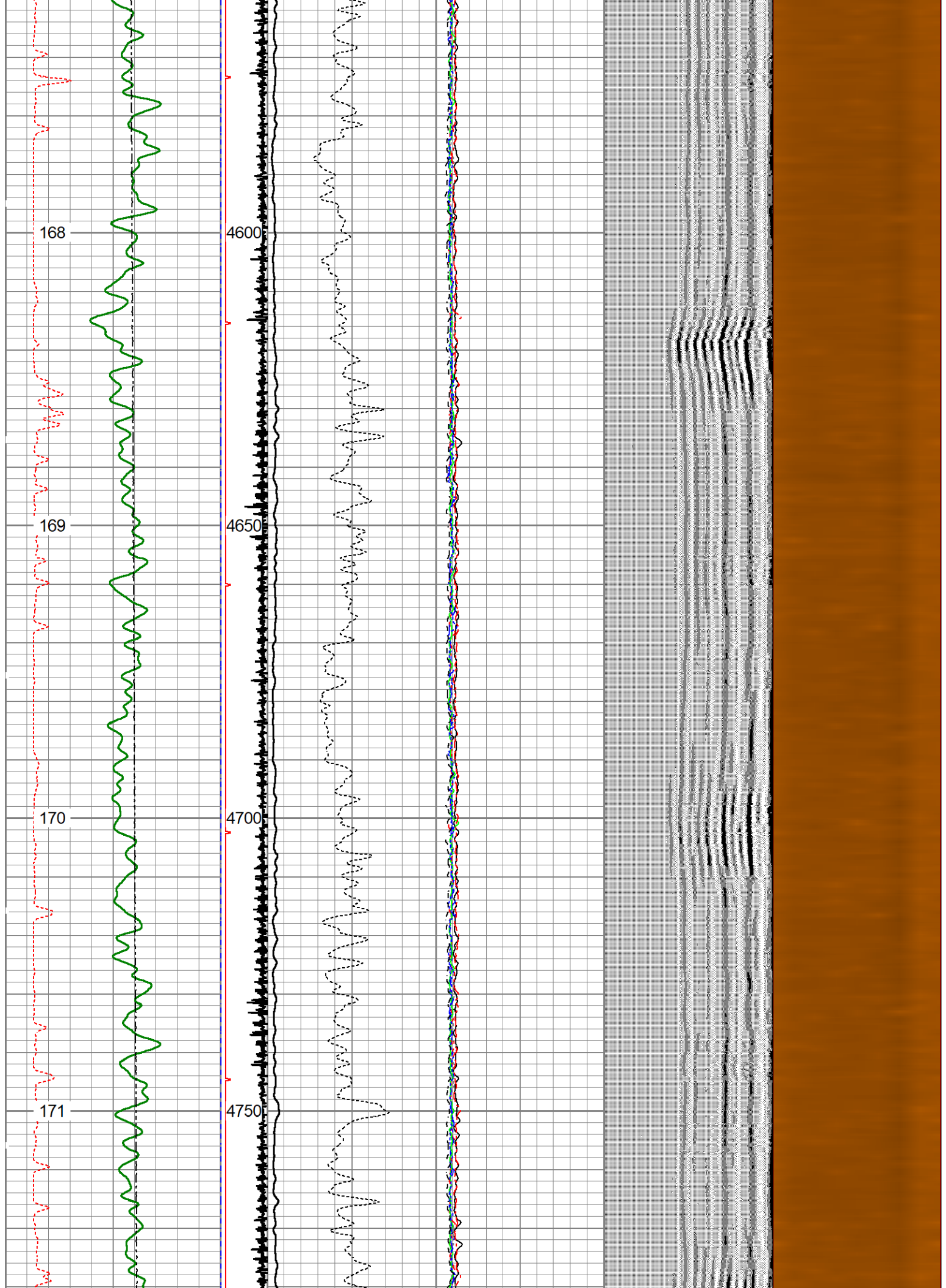


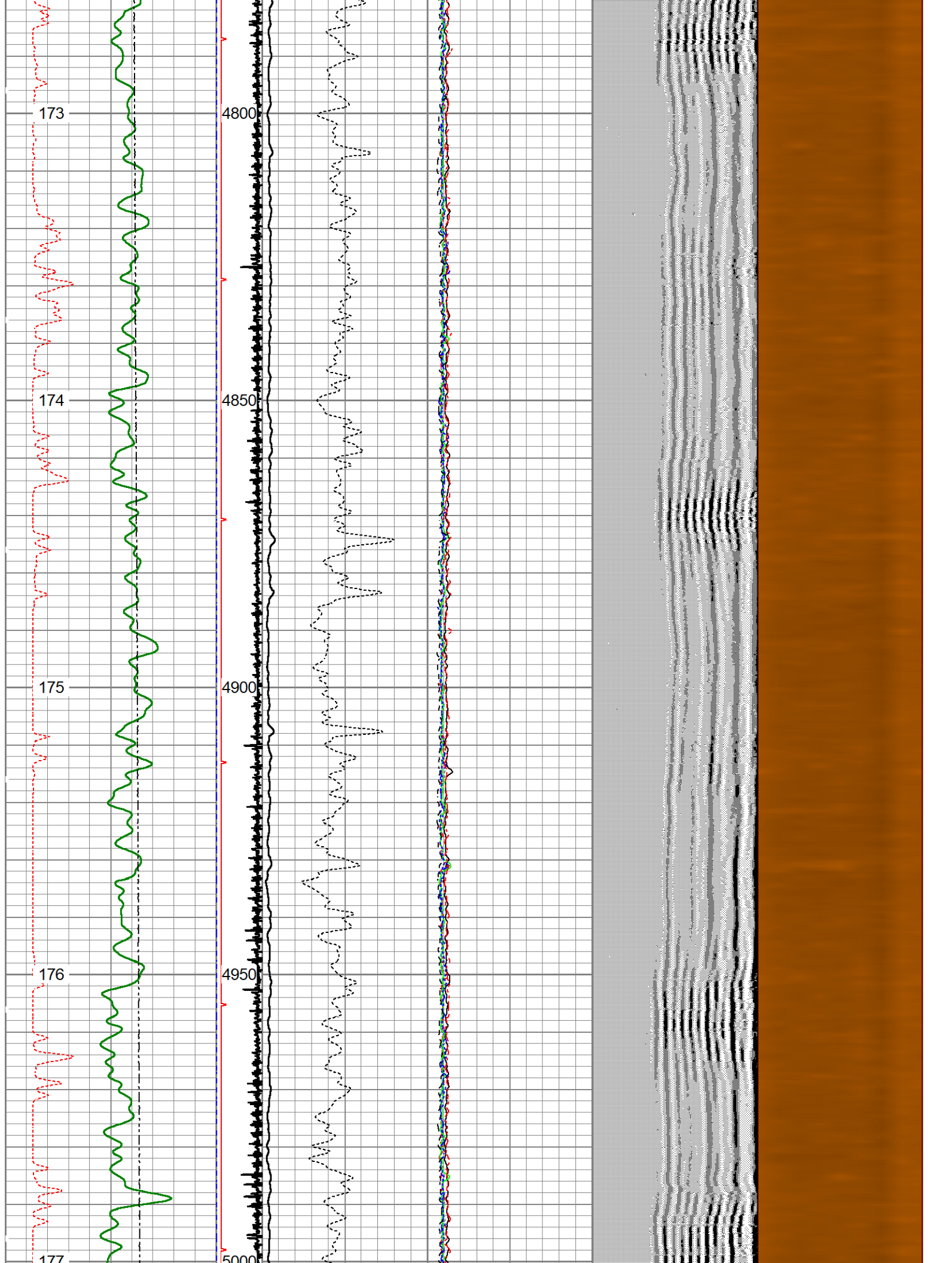


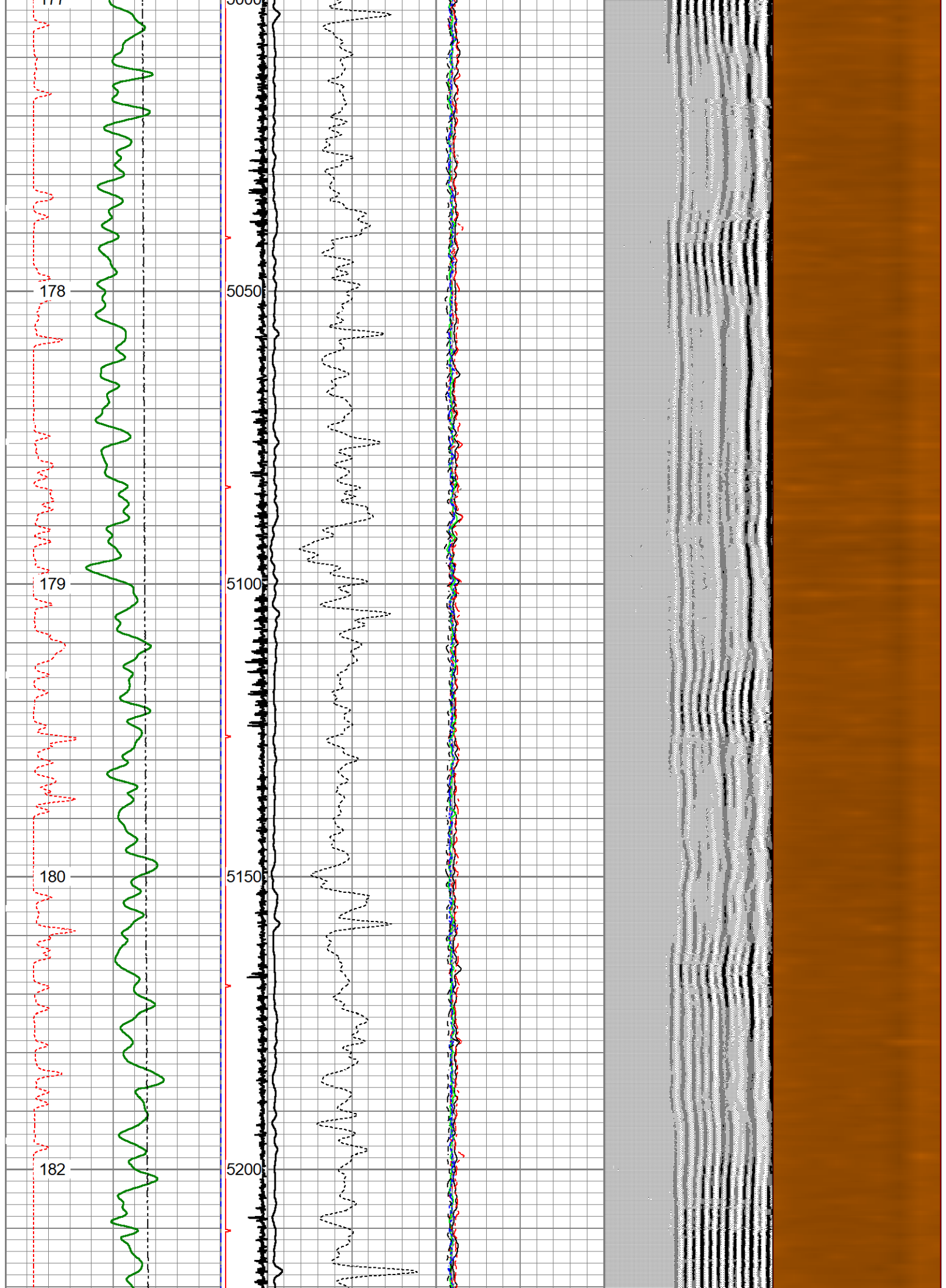


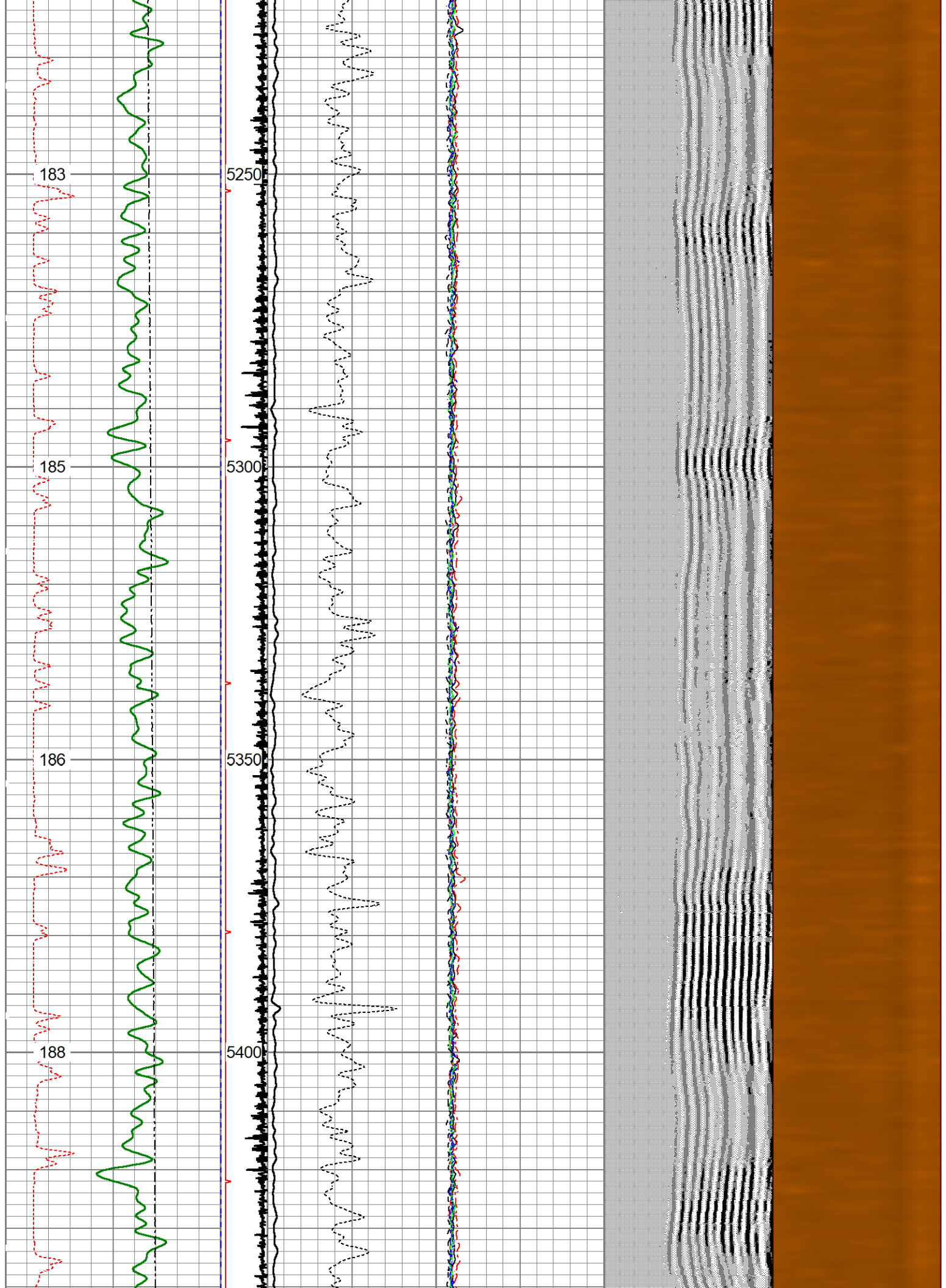


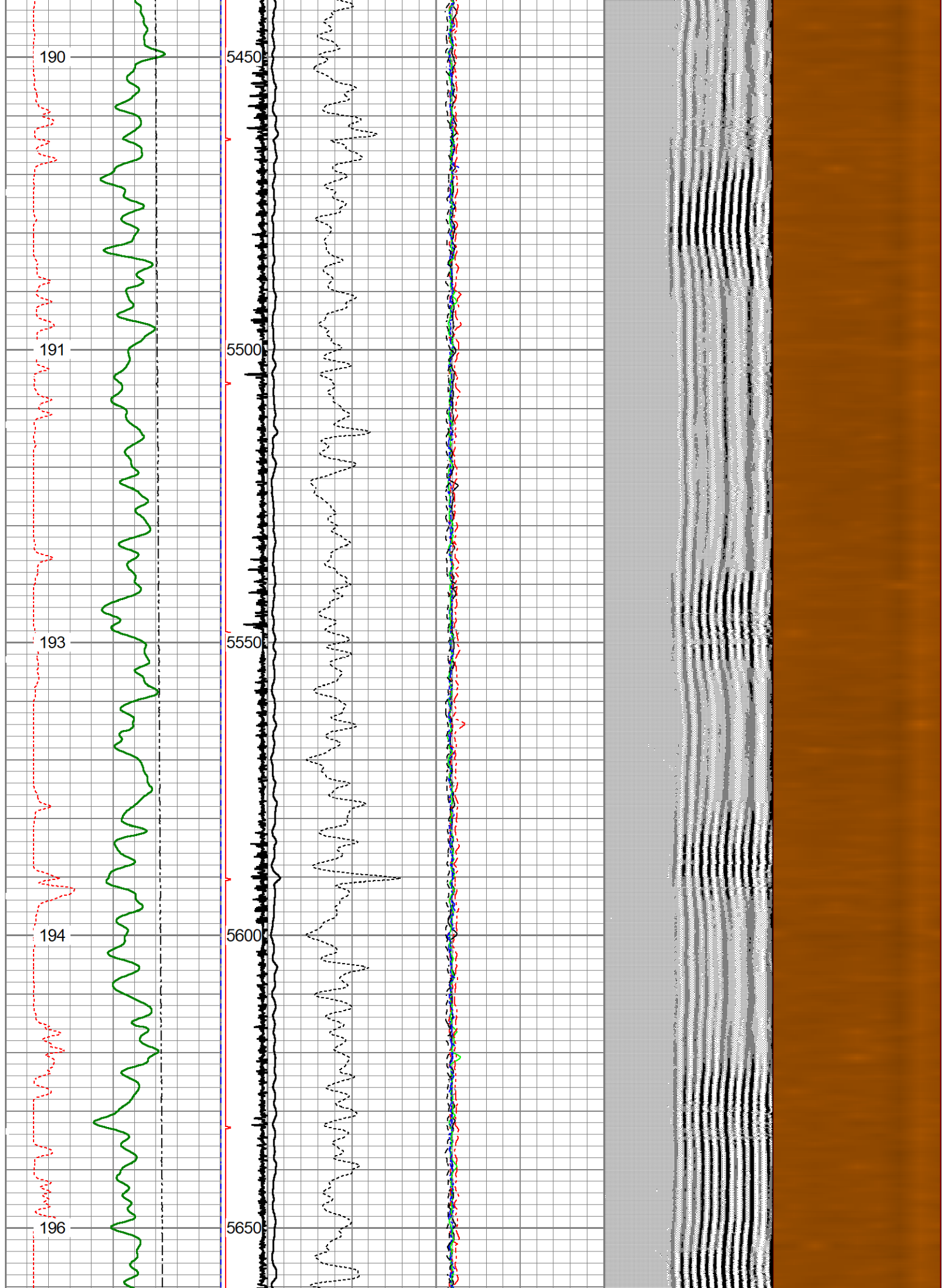


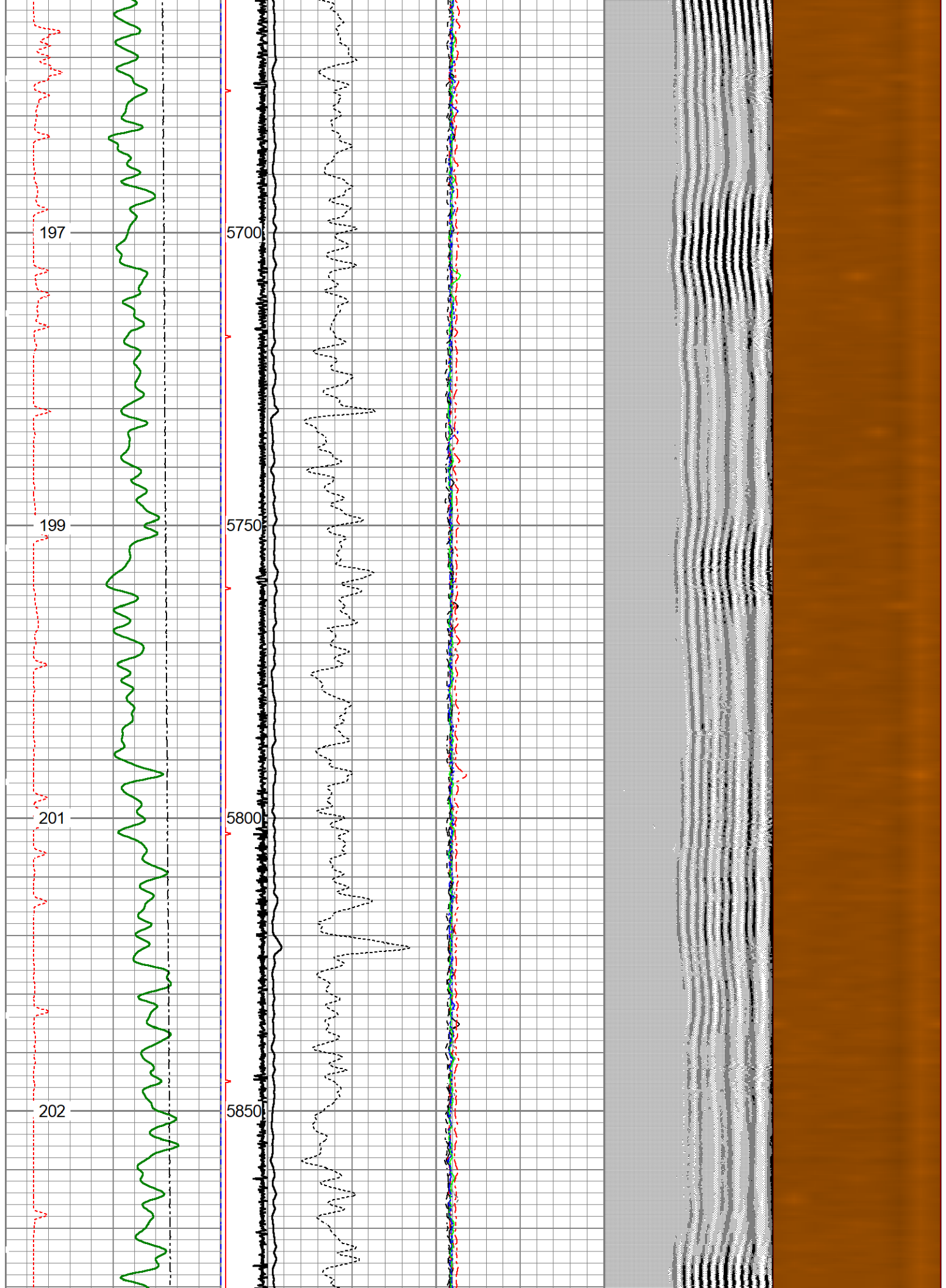


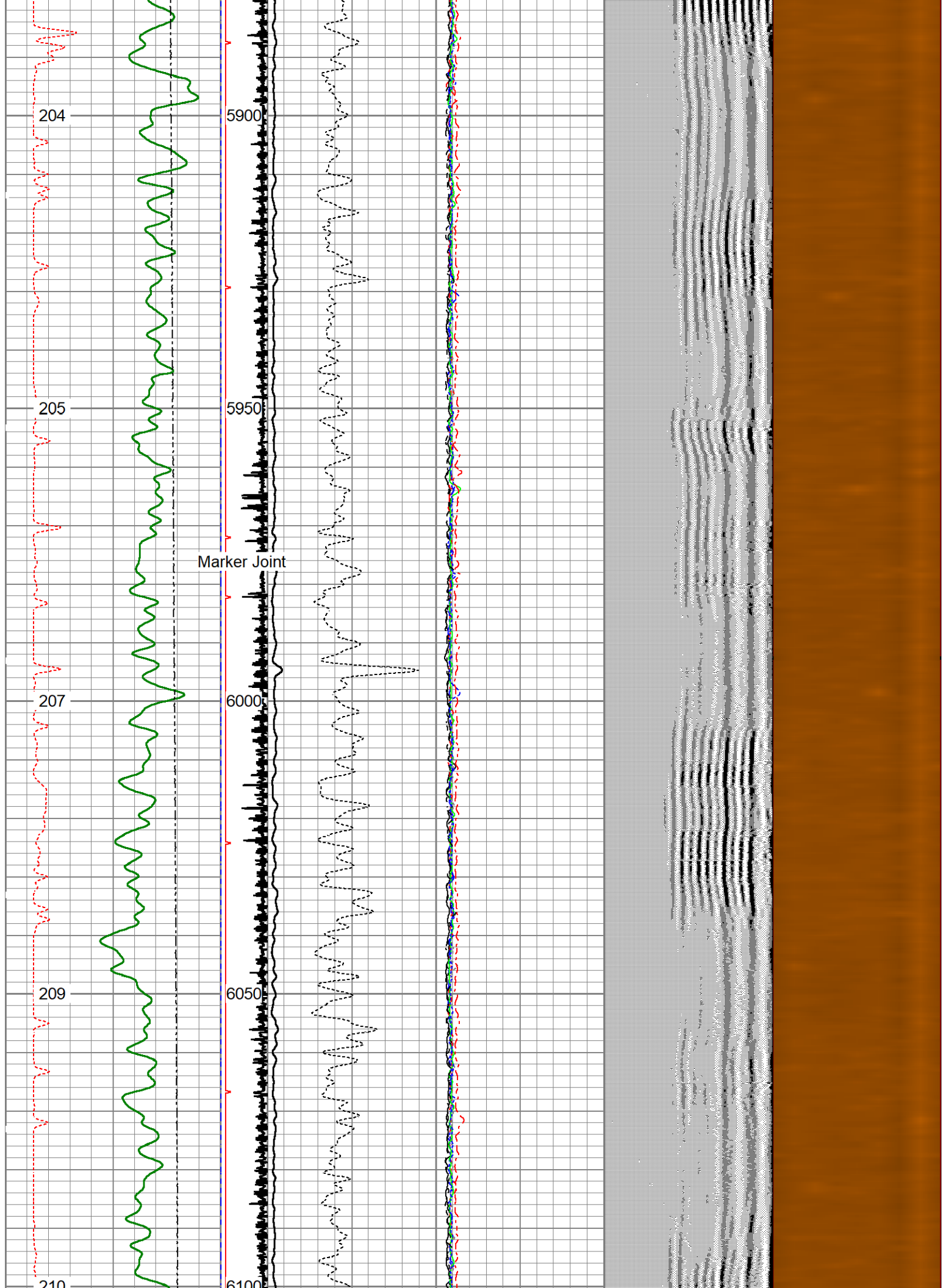


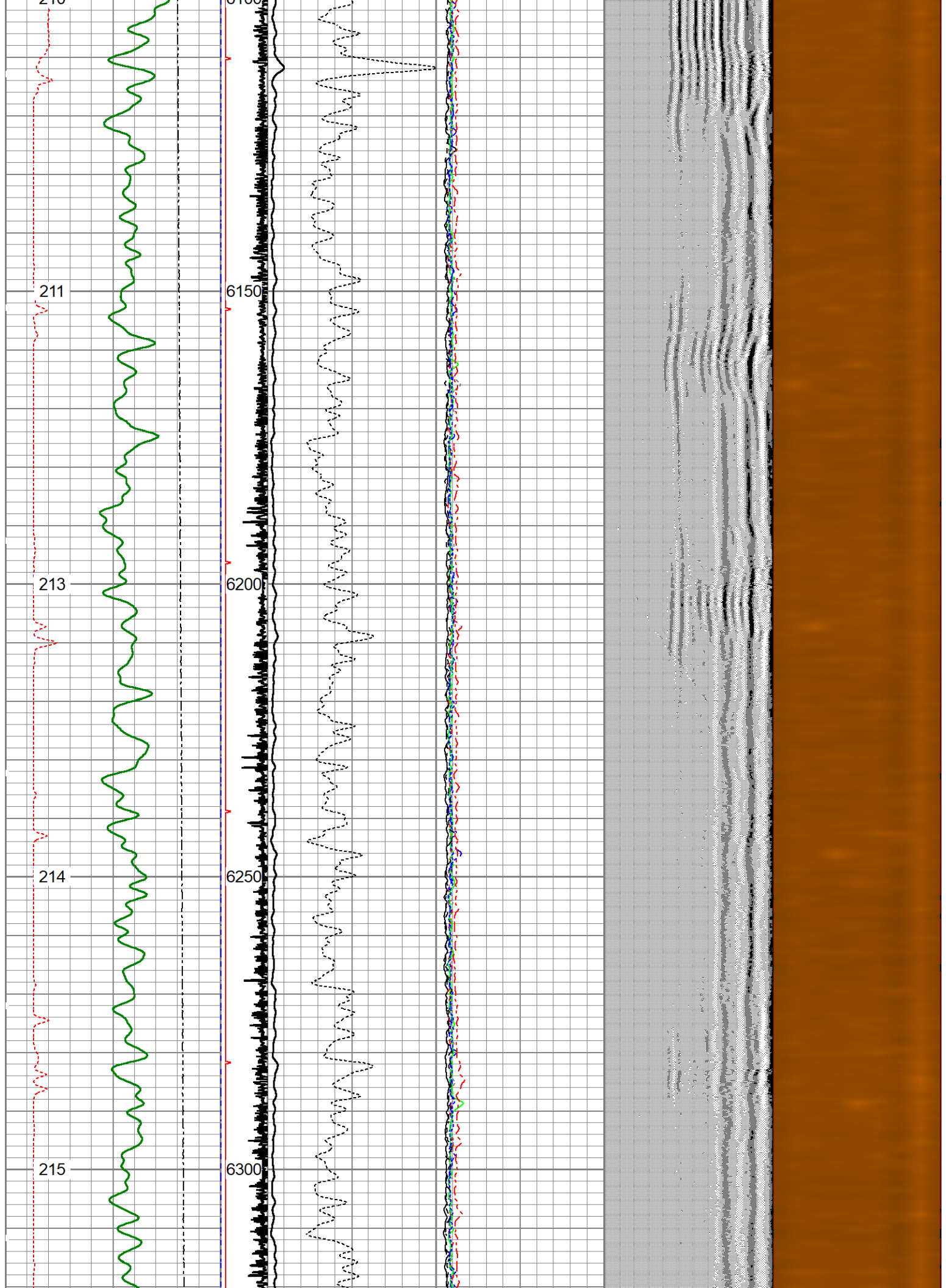


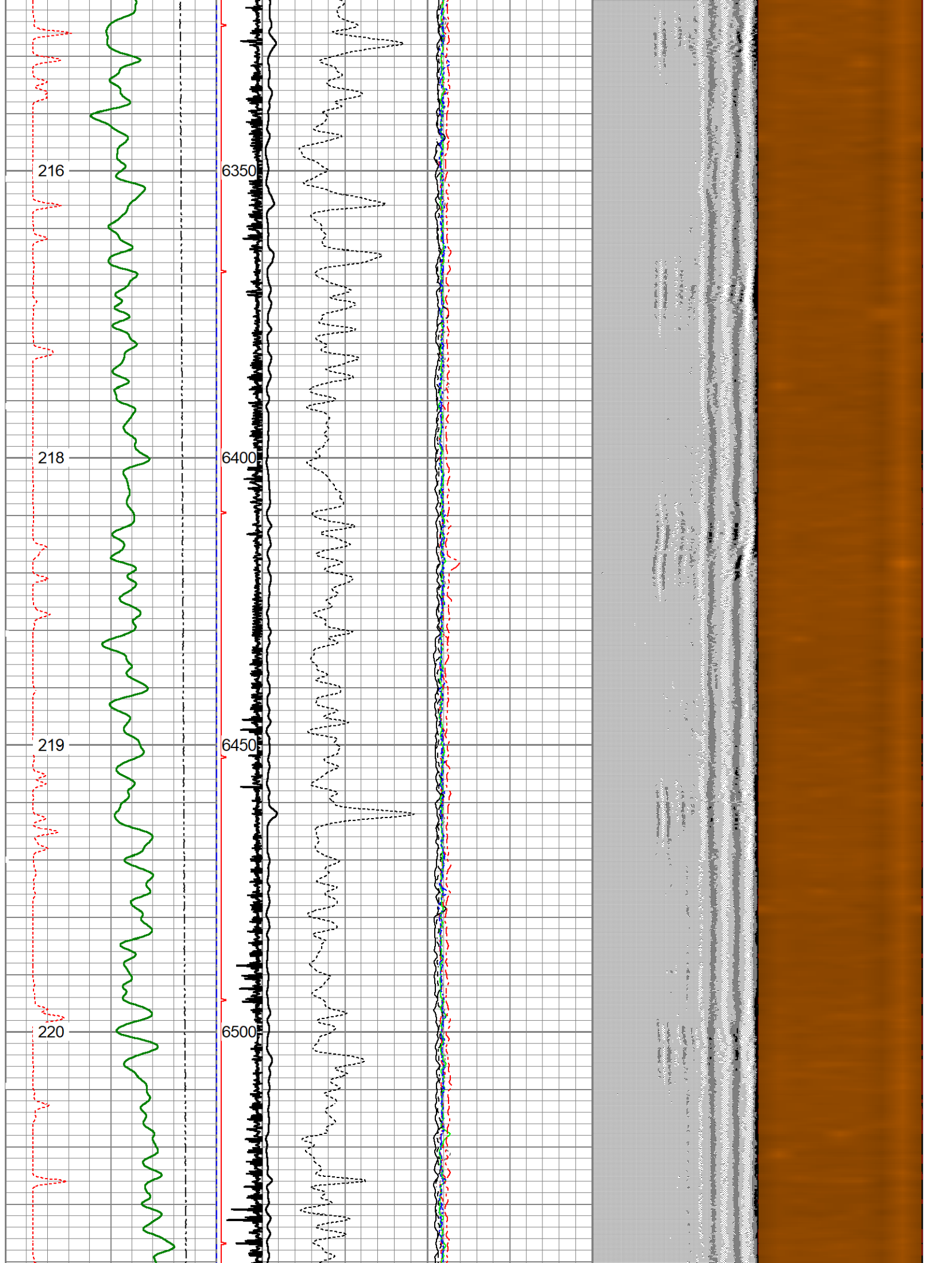


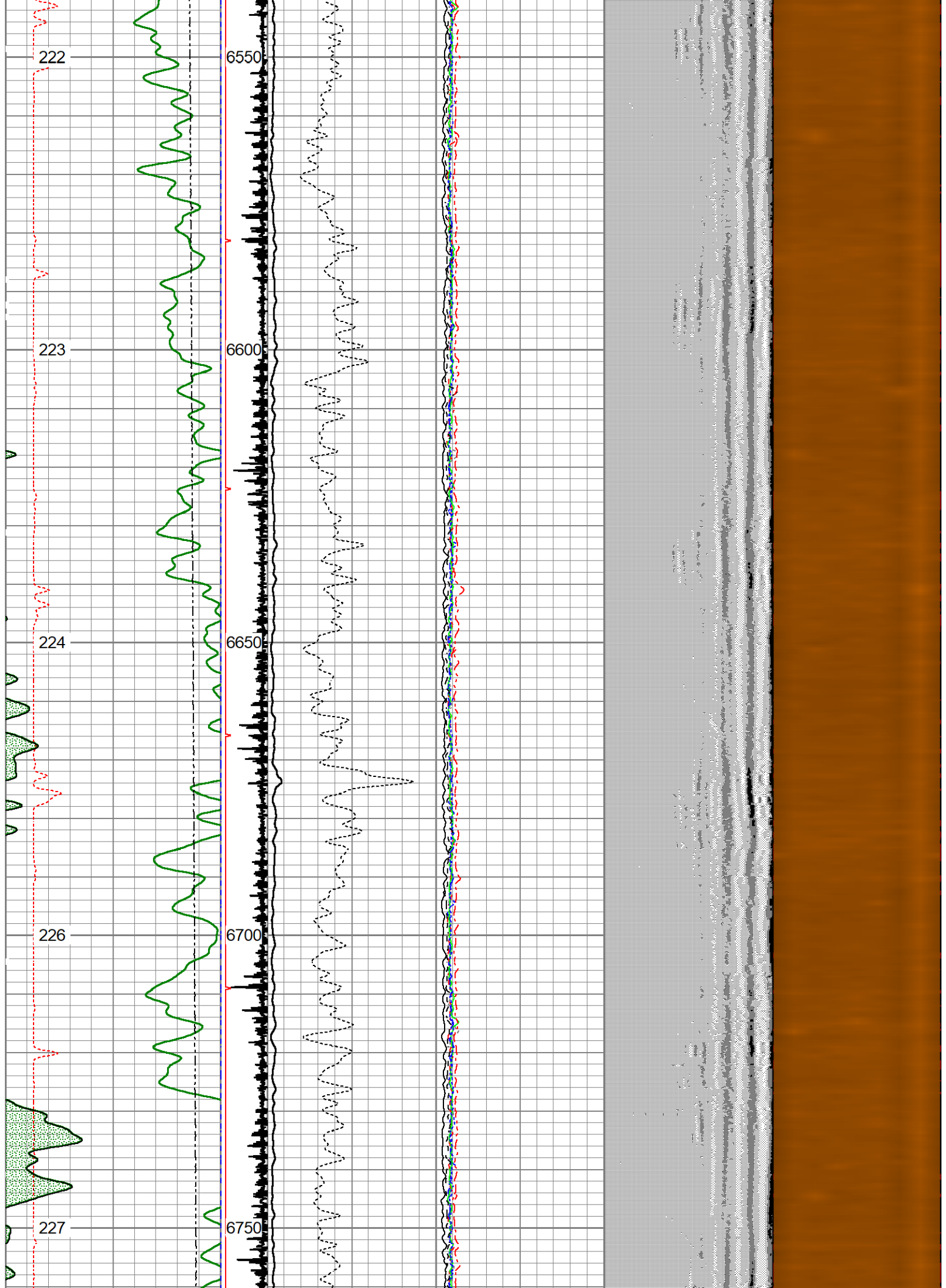


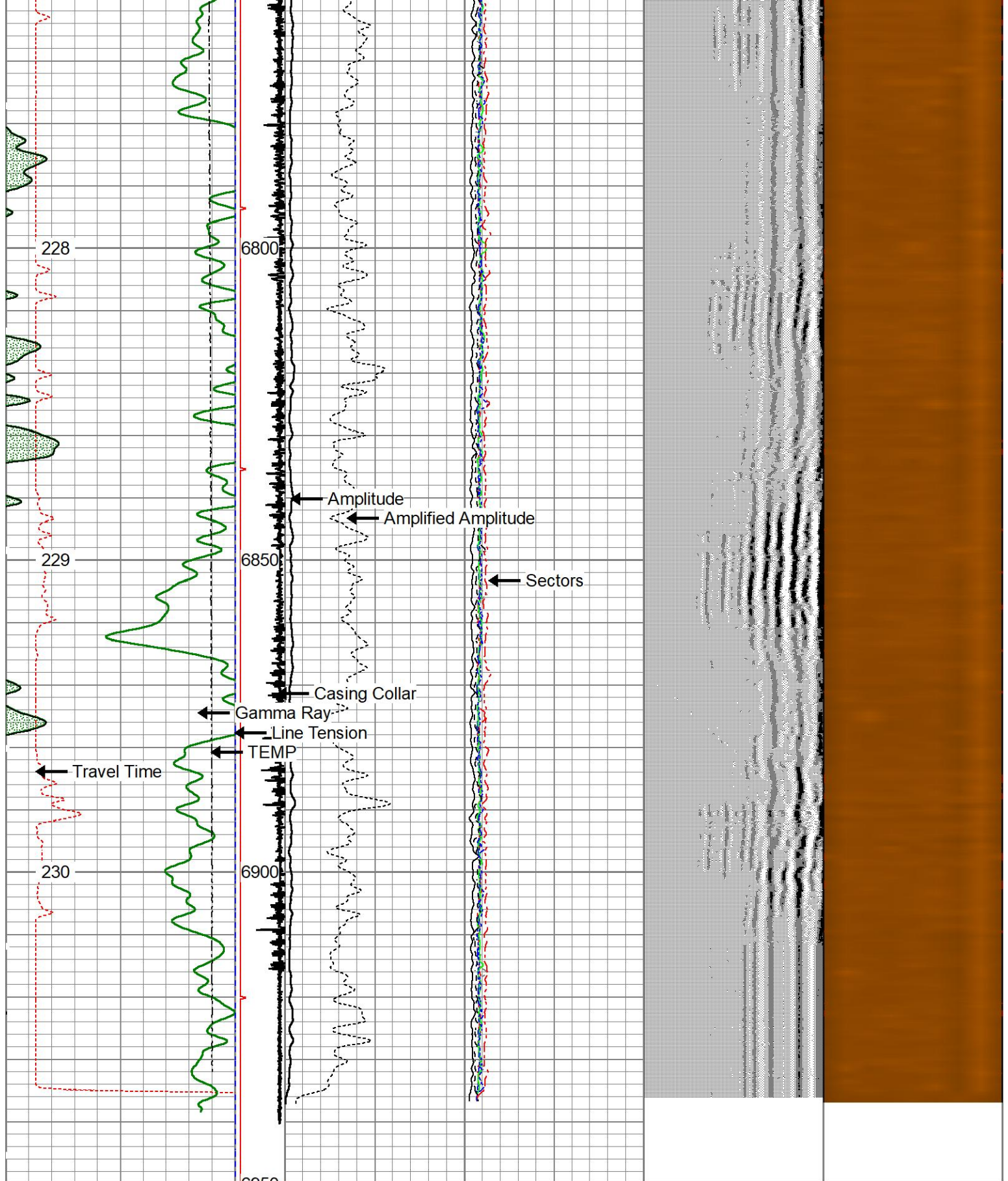












400	Travel Time (usec)	200	Casing Collar	0	Amplitude (mV)	100	-5	Sector 1	150	Variable Density	1	Cement Map	8
0	Gamma Ray (GAPI)	150	9	-1	Amplified Amplitude		-5	Sector 2	150	(usec)	1200		
50	TEMP (degF)	250	e Tens	0	(mV)	10	-5	Sector 3	150				
TEMP			(lb)				-5	Sector 4	150				
(degF)			(2000				-5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

-1 9

-5 Sector 7 150
-5 Sector 8 150

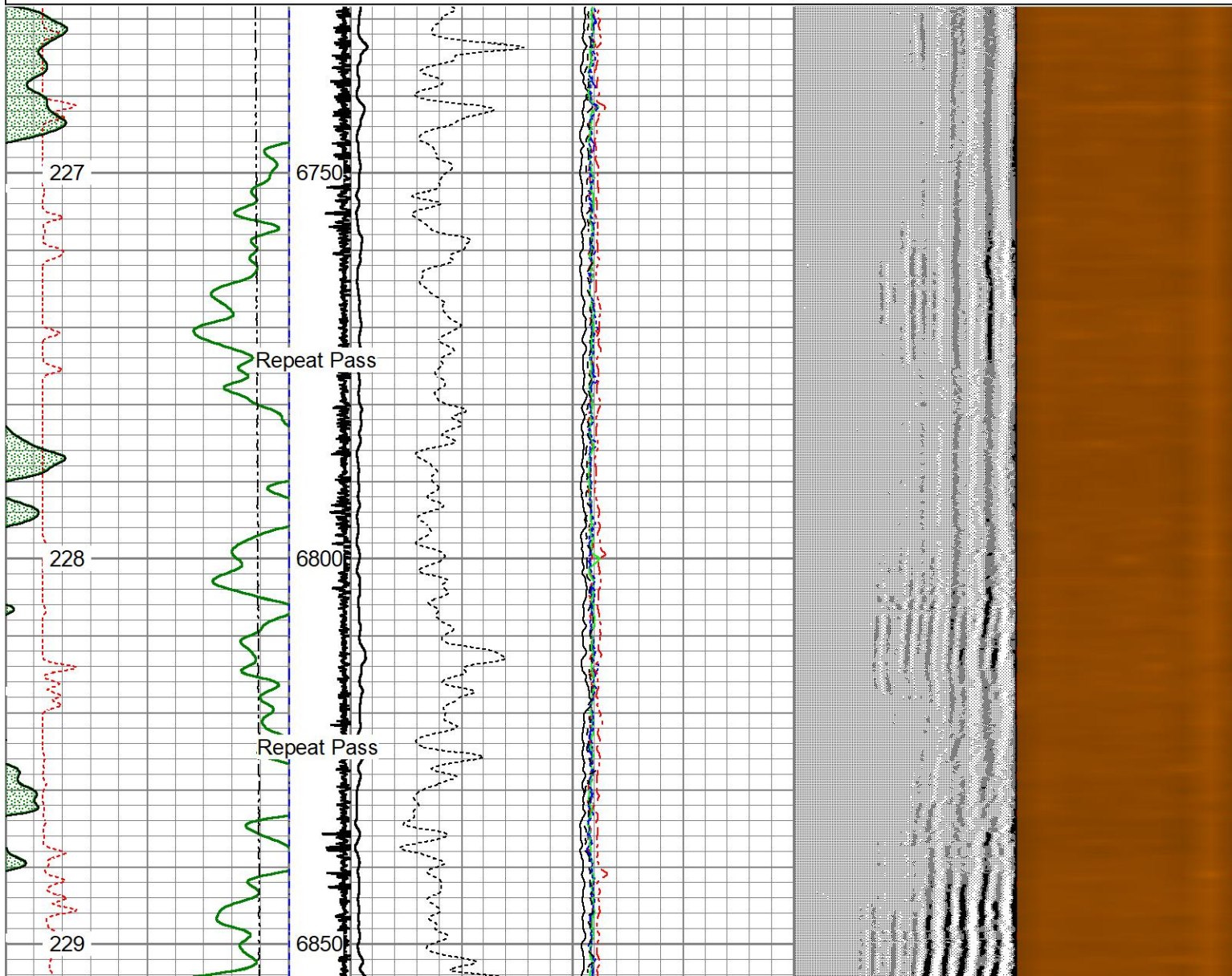


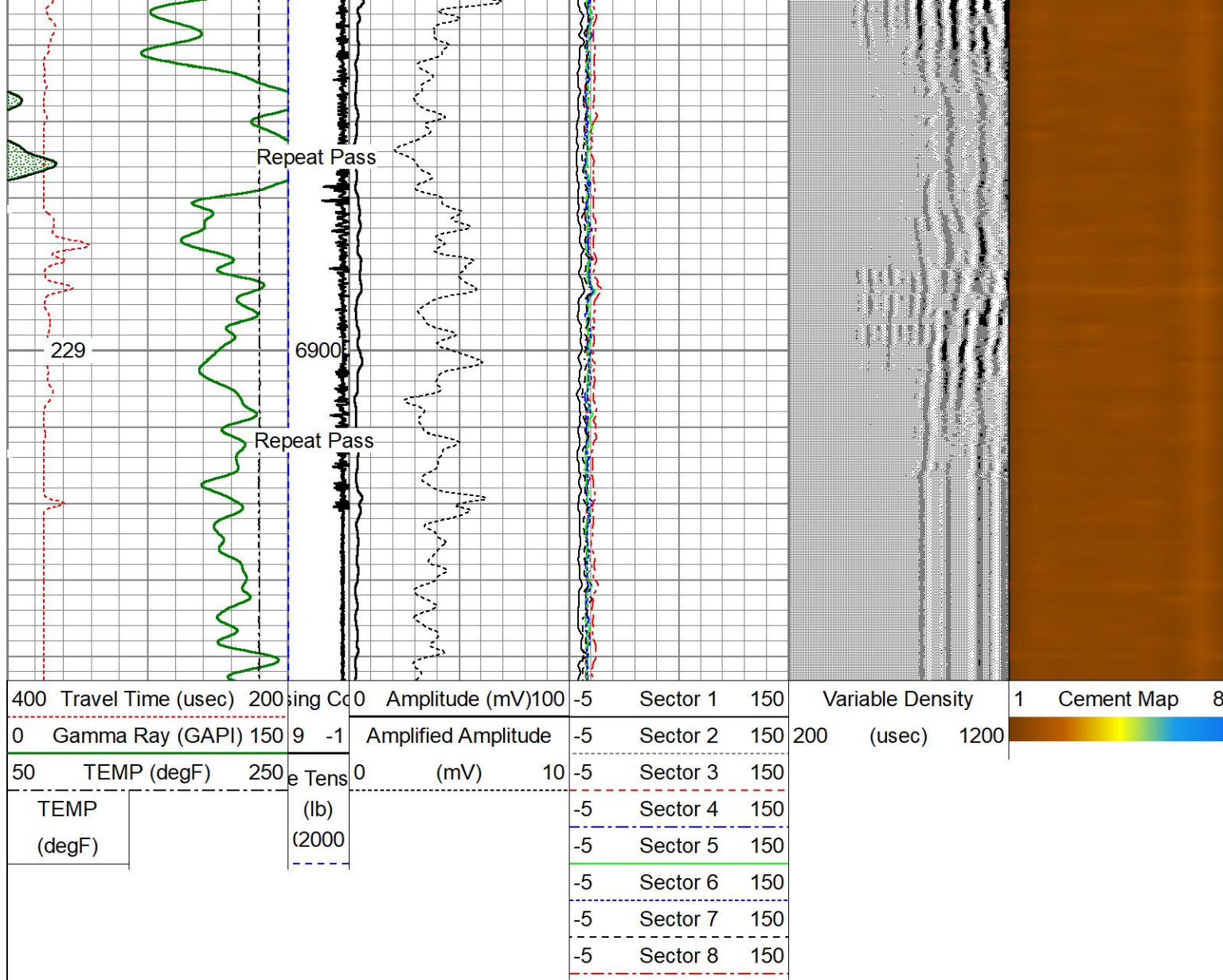
Repeat Pass

Recorded With 2500 PSI Surface Induced Pressure

Database File chevron_guttersen_d12_755_cnl_rcbl_05-17-2022_depth.db
Dataset Pathname repeat/pass1
Presentation Format rcbl_hh
Dataset Creation Tue May 17 09:39:29 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_d12_755_cnl_rcbl_05-17-2022_depth.db			
Dataset Pathname	main/pass1.4			
Dataset Creation	Tue May 24 12:52:08 2022			
Compensated Neutron Calibration Report				
Type / Serial:		275_CNL / 070614_#08275010		
Source / Verifier:		/		
Temperature:				
SHOP CALIBRATION		Mon Feb 15 08:02:36 2016		
	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		Fri Jun 24 08:48:36 2005				
	SS Detector 3230.24	LS Detector 1376.79	Ratio 2.35	Porosity 1.62		
POST-SURVEY VERIFICATION		Fri Jun 24 11:30:46 2005				
	SS Detector 3222.46	LS Detector 1380.27	Ratio 2.33	Porosity 1.58		
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:	658.150	ft				
Master Calibration, performed Tue May 17 09:11:48 2022:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.003	0.455	1.000	71.921	156.743	0.600
CAL	-0.001	0.717				
5'	0.009	0.435	1.000	71.921	166.859	-0.585
SUM						
S1	0.005	0.481	0.000	100.000	210.121	-0.988
S2	-0.025	0.478	0.000	100.000	198.840	4.976
S3	-0.027	0.476	0.000	100.000	198.874	5.431
S4	-0.026	0.466	0.000	100.000	203.029	5.353
S5	-0.029	0.448	0.000	100.000	209.637	6.057
S6	-0.026	0.434	0.000	100.000	217.047	5.704
S7	-0.028	0.415	0.000	100.000	225.781	6.367
S8	-0.027	0.424	0.000	100.000	221.987	5.940
Internal Reference Calibration, performed (Not Performed):						
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.001	0.717	1.000	0.000
Air Zero Calibration, performed Tue May 17 08:18:40 2022:						
	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	

SUM	0.000	0.000	0.000
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)
HeadVolt	20.89		CHD-Titan Titan 1 7/16" GO Cablehead	1.00	1.44	5.00
Temp	18.04					
WVFS8	15.81		RBT-Probe 2.75 Radii W/Temp (FW1304-128) Probe 2.75" Radial with Integral Temperature Sub	9.21	2.75	90.00
WVFS7	15.81					
WVFS6	15.81					
WVFS5	15.81					
WVFS4	15.81					
WVFS3	15.81					
WVFS2	15.81					
WVFS1	15.81					
WVFCAL	15.81					
WVF3FT	15.81					
WVF5FT	14.81					
HEADVOLT	11.56					
CCL	10.64					
GR	7.72		GR-Probe275 (FW1401-53) Probe 2 3/4" Logging Gamma Ray 6 Pin	6.42	2.75	57.00
CNLSC	1.77					
CNSSC	1.37		CNT-275BL (FW1210-54-N1310)	5.14	2.75	76.00

Dataset:
Probe Radii-Compensated Neutron Log

Total length:
21.77 ft

Total weight:
228.00 lb

O.D.:
2.75 in



Company	CHEVRON	
Well	GUTTERSEN D12-755	
Field	WATTENBERG	
County	WELD	
State	COLORADO	Country USA