



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

**Company** CHEVRON

**Well** GUTTERSEN D12-775

**Field** WATTENBERG

**County** WELD **State** COLORADO

**Location:** API # : 05-123-49080

Other Services  
None

SEC 1 TWP 3N RGE 64W

Permanent Datum GL 30 FT Elevation 4745'  
Log Measured From KB  
Drilling Measured From KB

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

**Company** CHEVRON  
**Well** GUTTERSEN D12-775  
**Field** WATTENBERG  
**County** WELD  
**State** COLORADO

**Date** May 17, 2022

Run Number	ONE
Depth Driller	17,377 FT
Depth Logger	6963 FT
Bottom Logged Interval	6931 FT
Top Log Interval	Surface
Open Hole Size	8.50"
Type Fluid	Water
Density / Viscosity	---
Max. Recorded Temp.	232
Estimated Cement Top	See Log
Time Well Ready	07:00
Time Logger on Bottom	04:30
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	1921.6 FT
Prot. String				
Production String	5-1/2"	17.00	Surface	17,360.6 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 @ 5994'-6015'

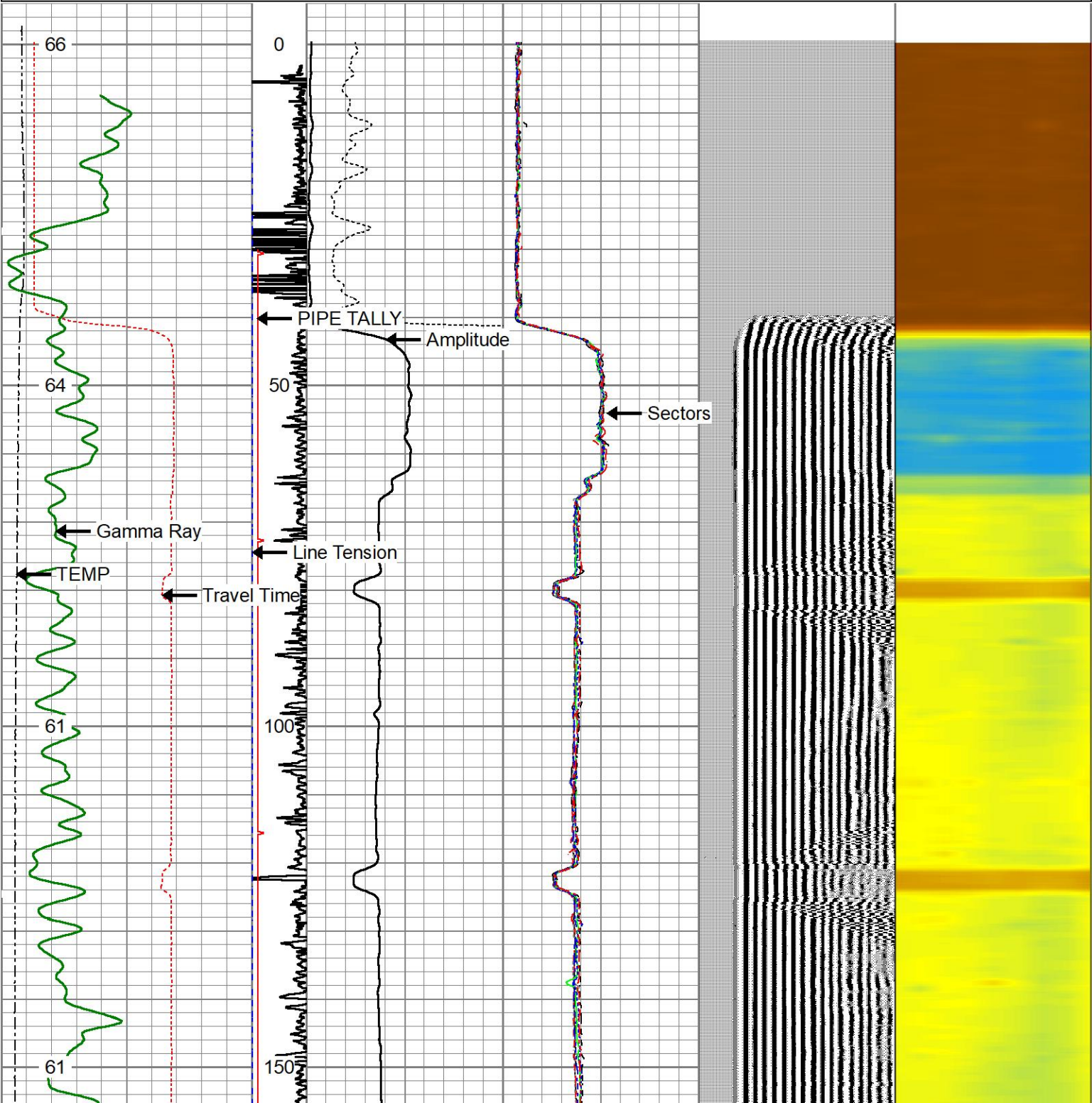
THANK YOU FOR CHOOSING KLX ENERGY SERVICES



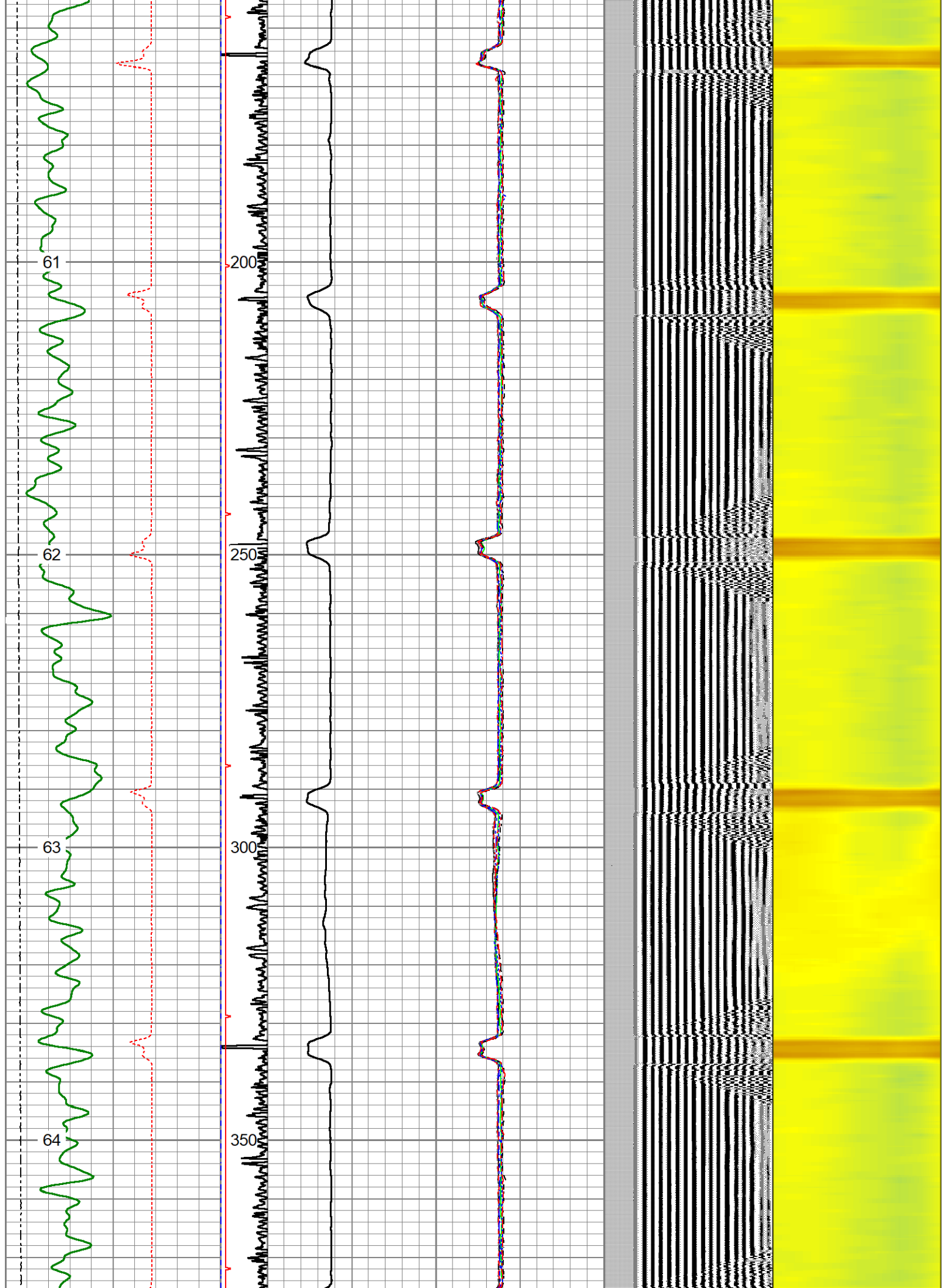
**Main Pass**

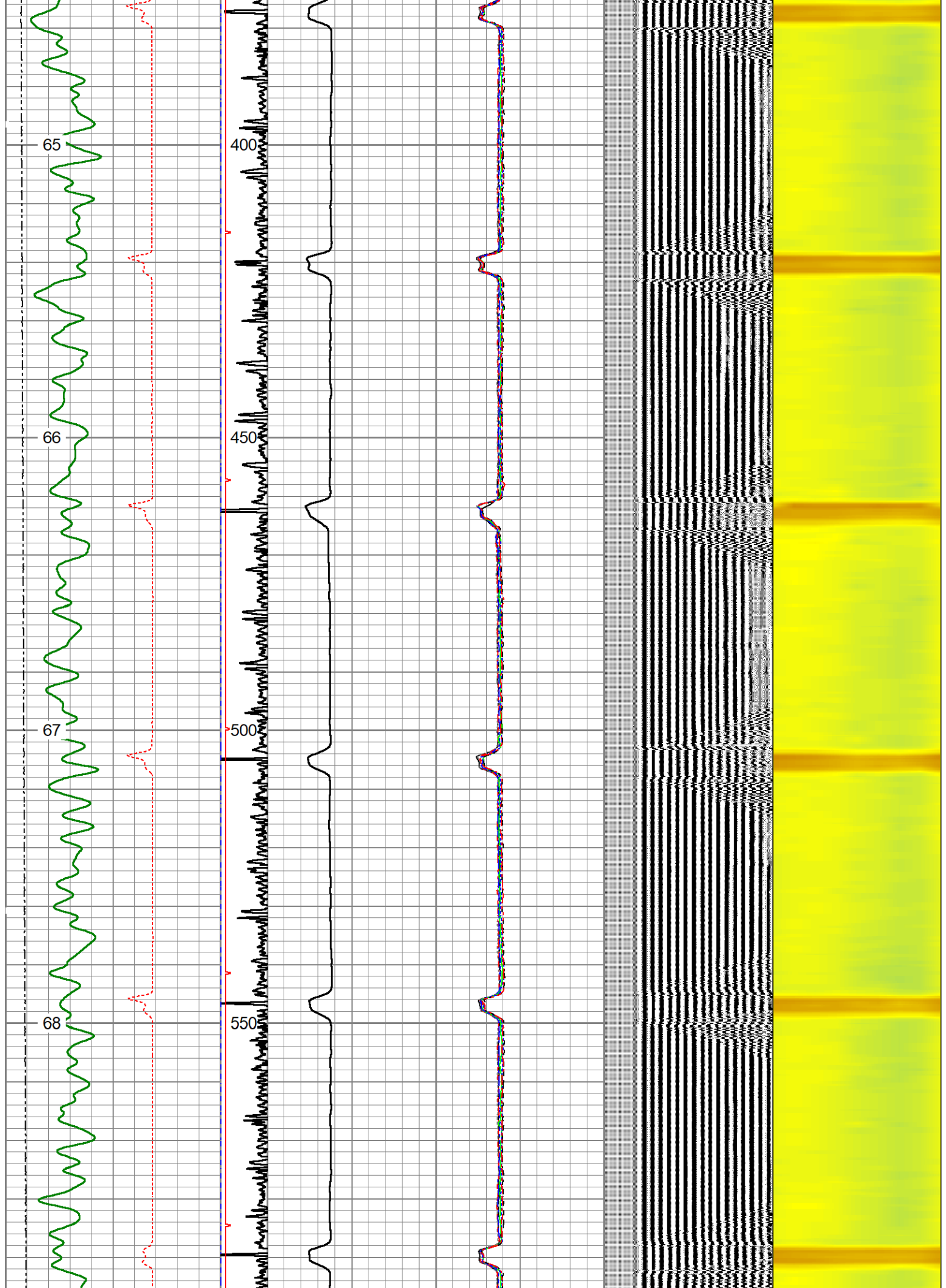
Recorded With 2500 PSI Surface Induced Pressure

Database File	chevron_guttersen_d12_775_rcbl_05-17-2022.db									
Dataset Pathname	main/merge1									
Presentation Format	rcbl_hh									
Dataset Creation	Tue May 24 13:11:53 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
0	Gamma Ray (GAPI)	150	9	-1	Amplified Amplitude	-5	Sector 2	150	200	(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	



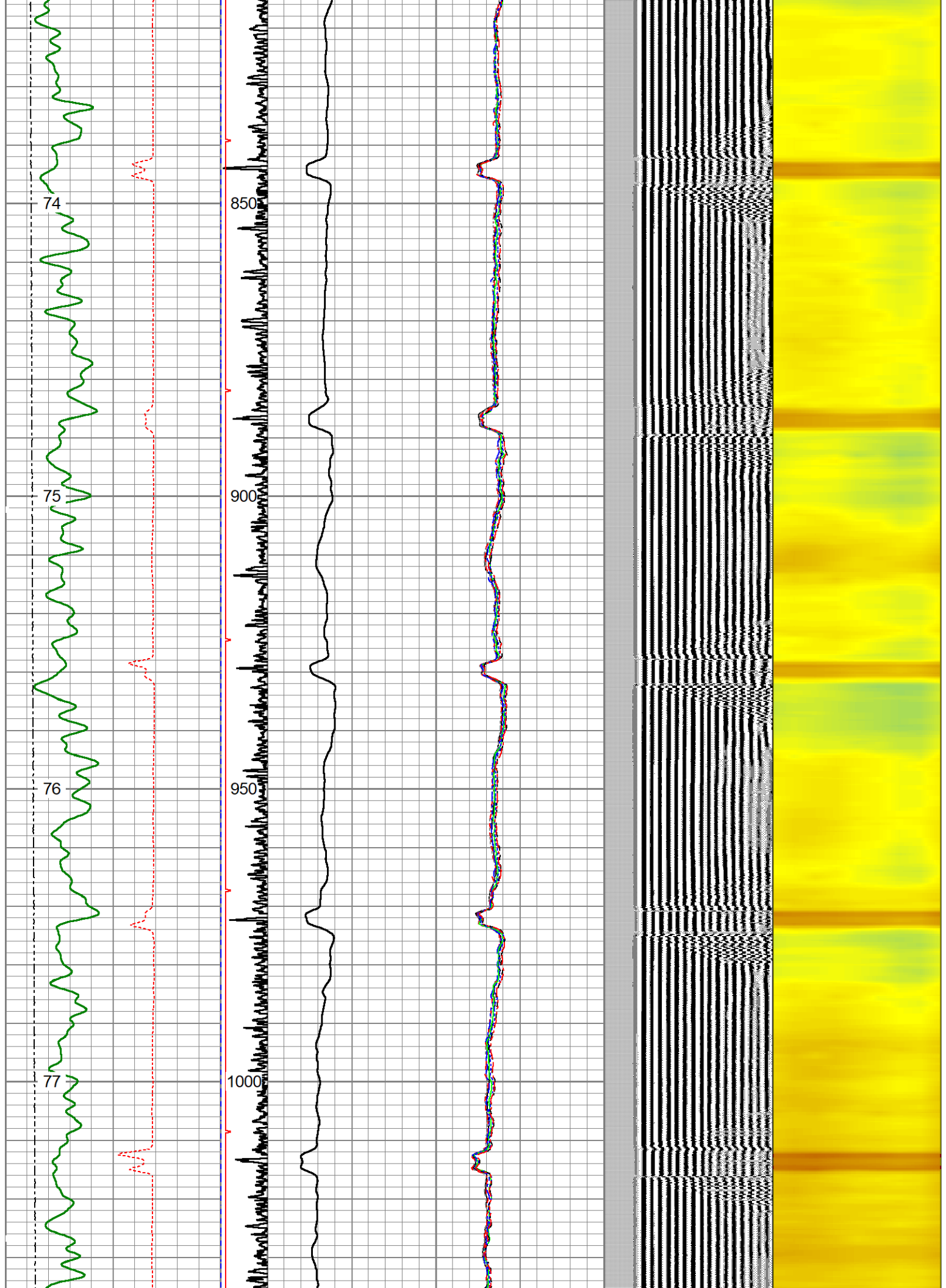


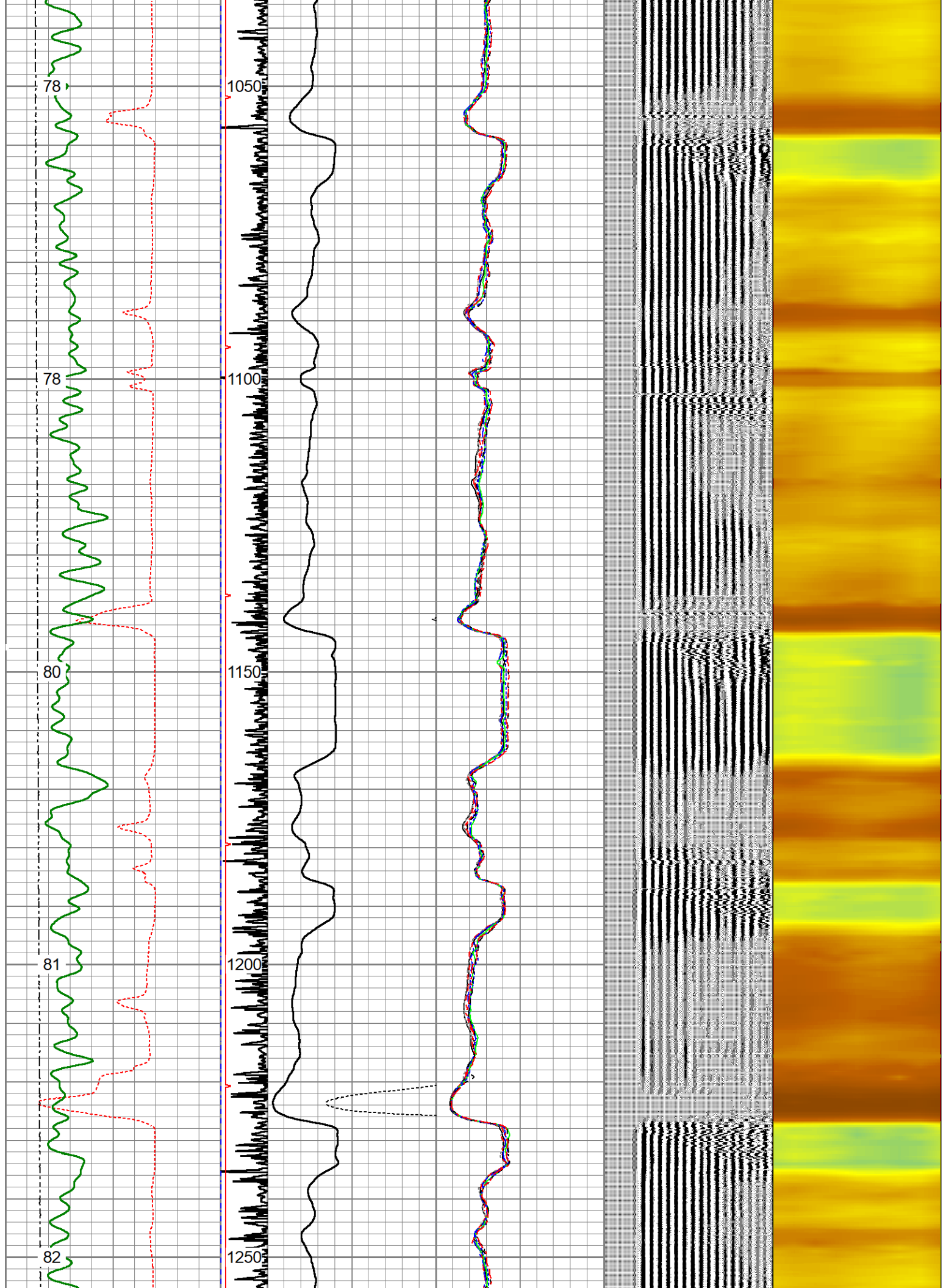




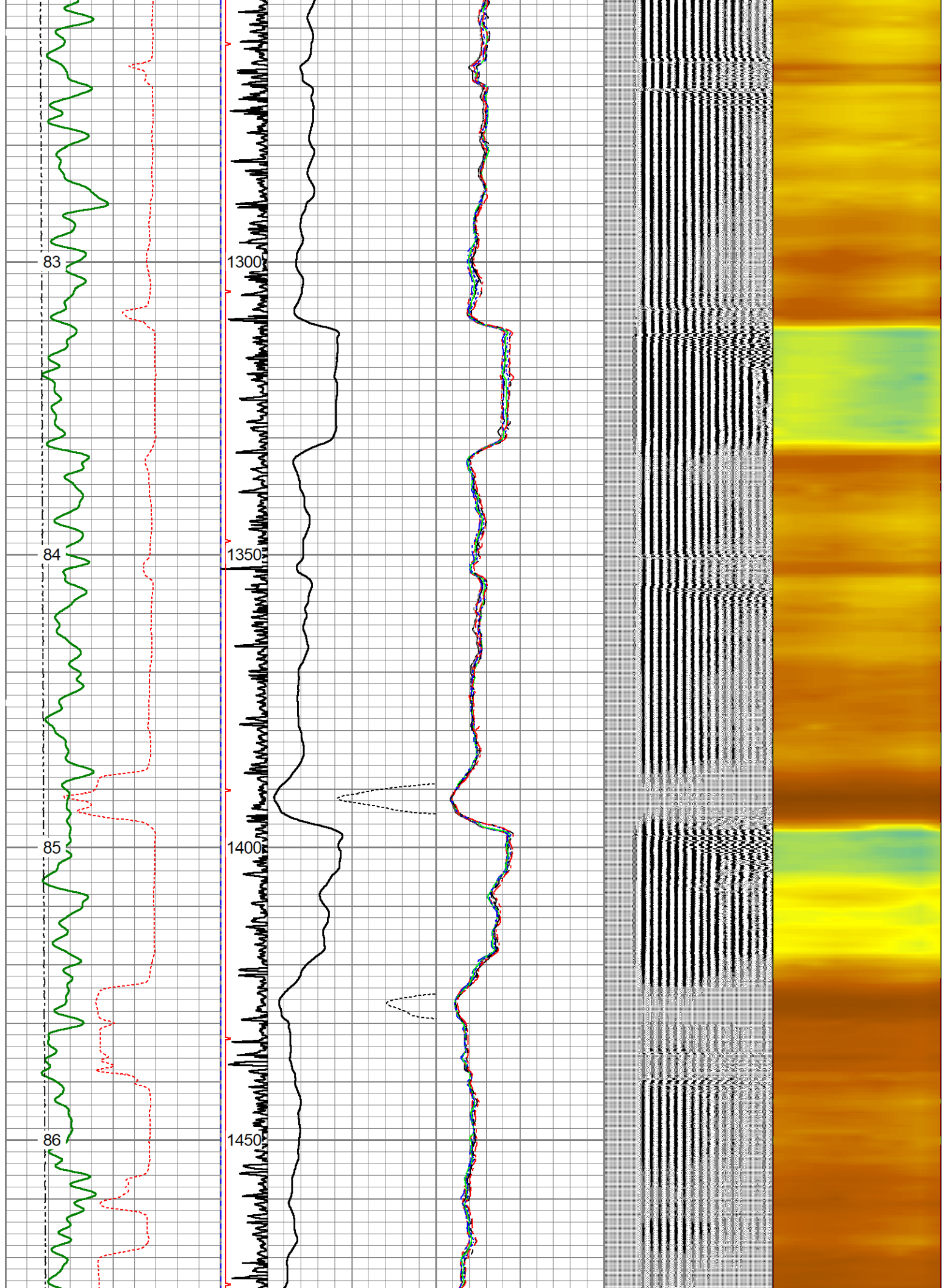




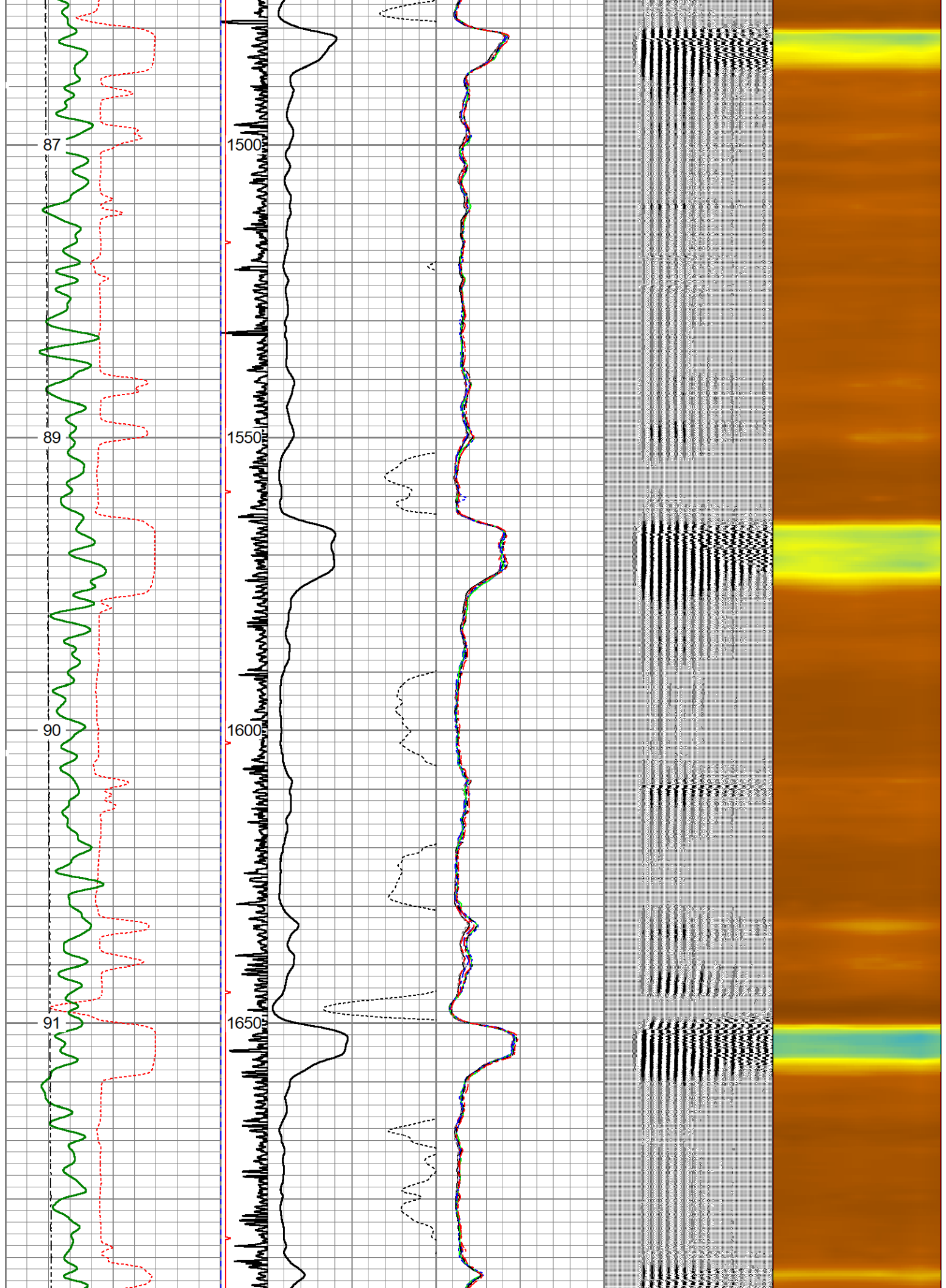


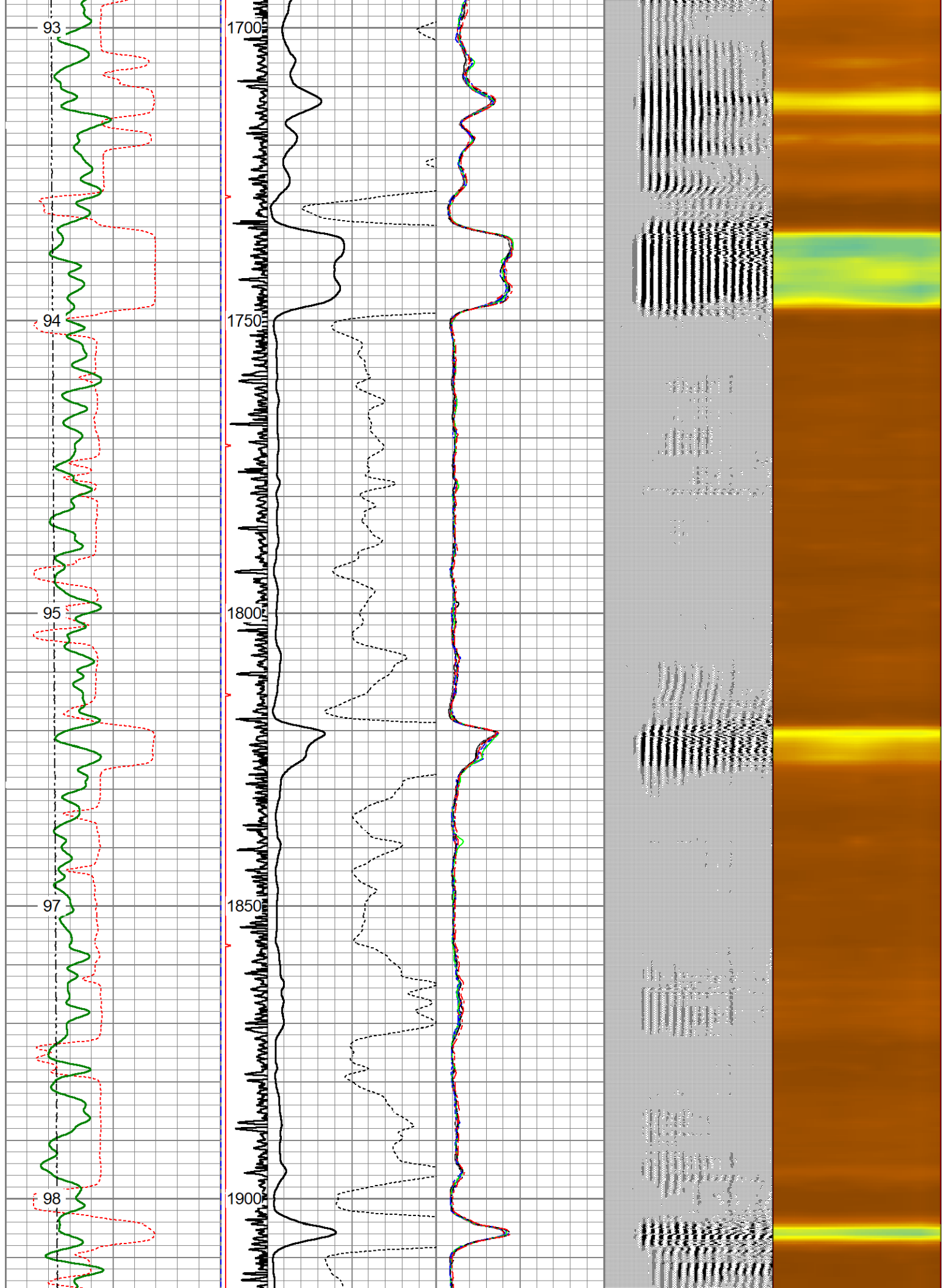




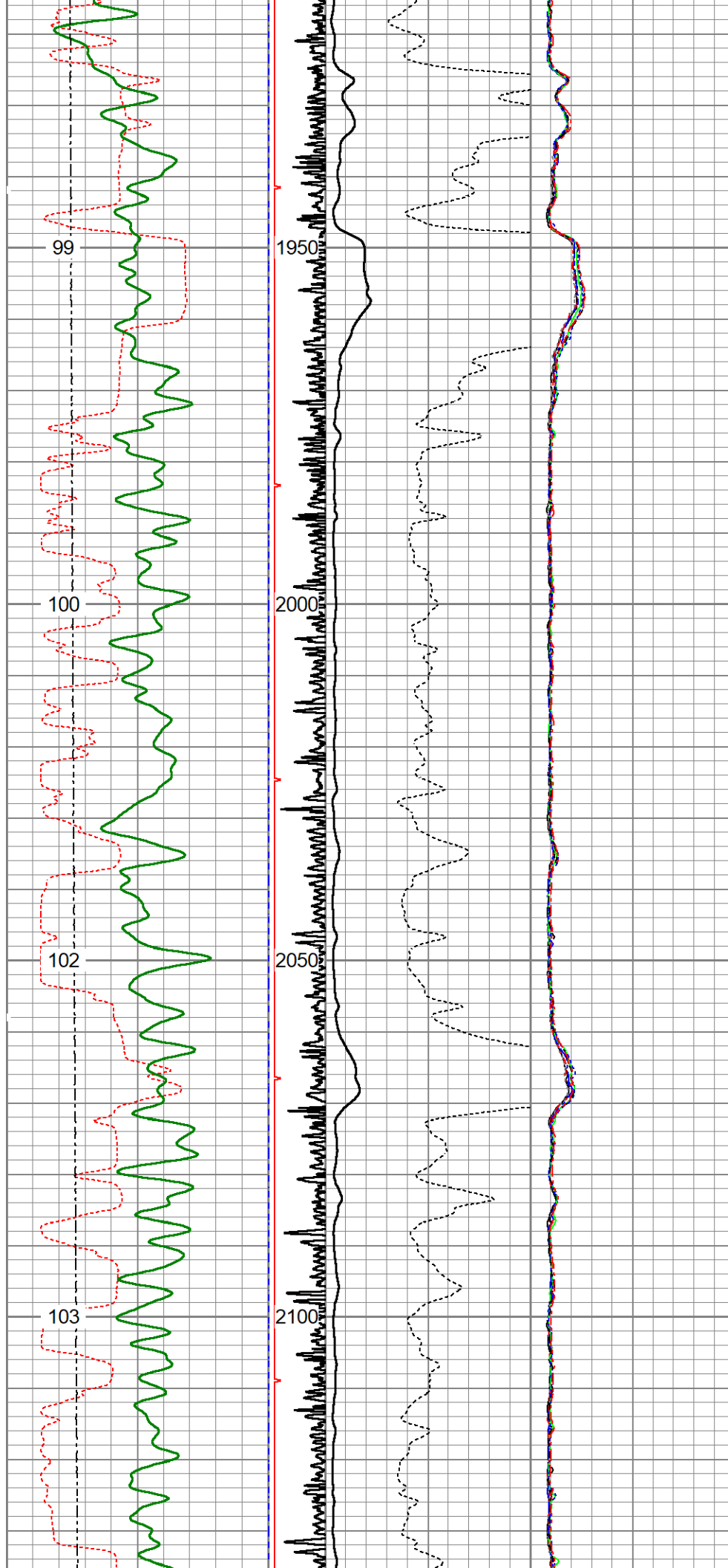


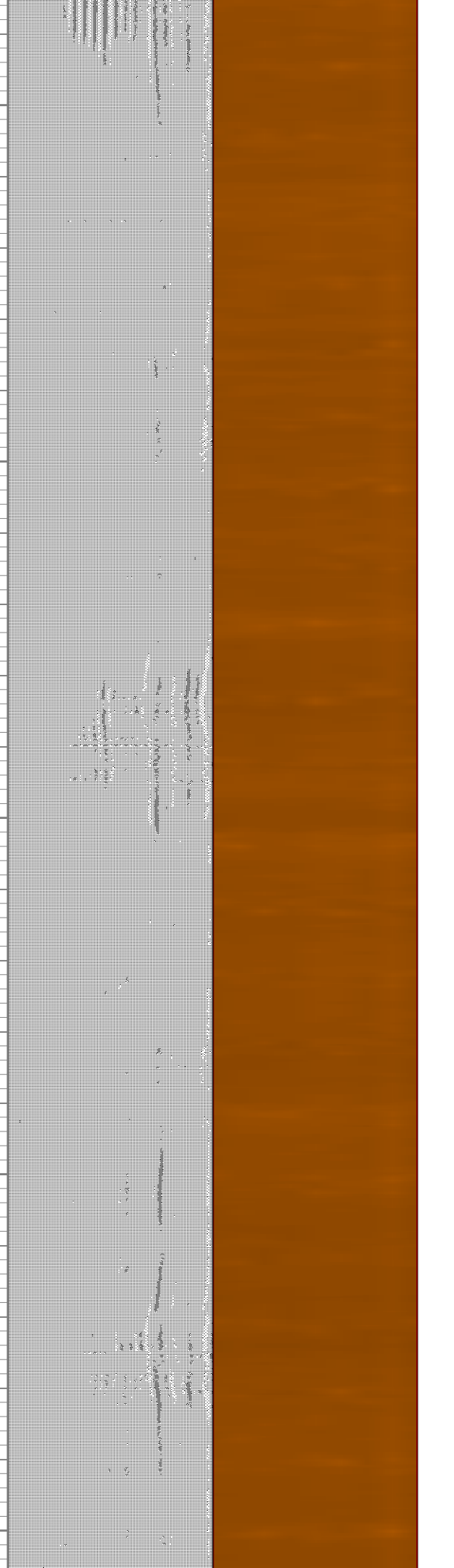
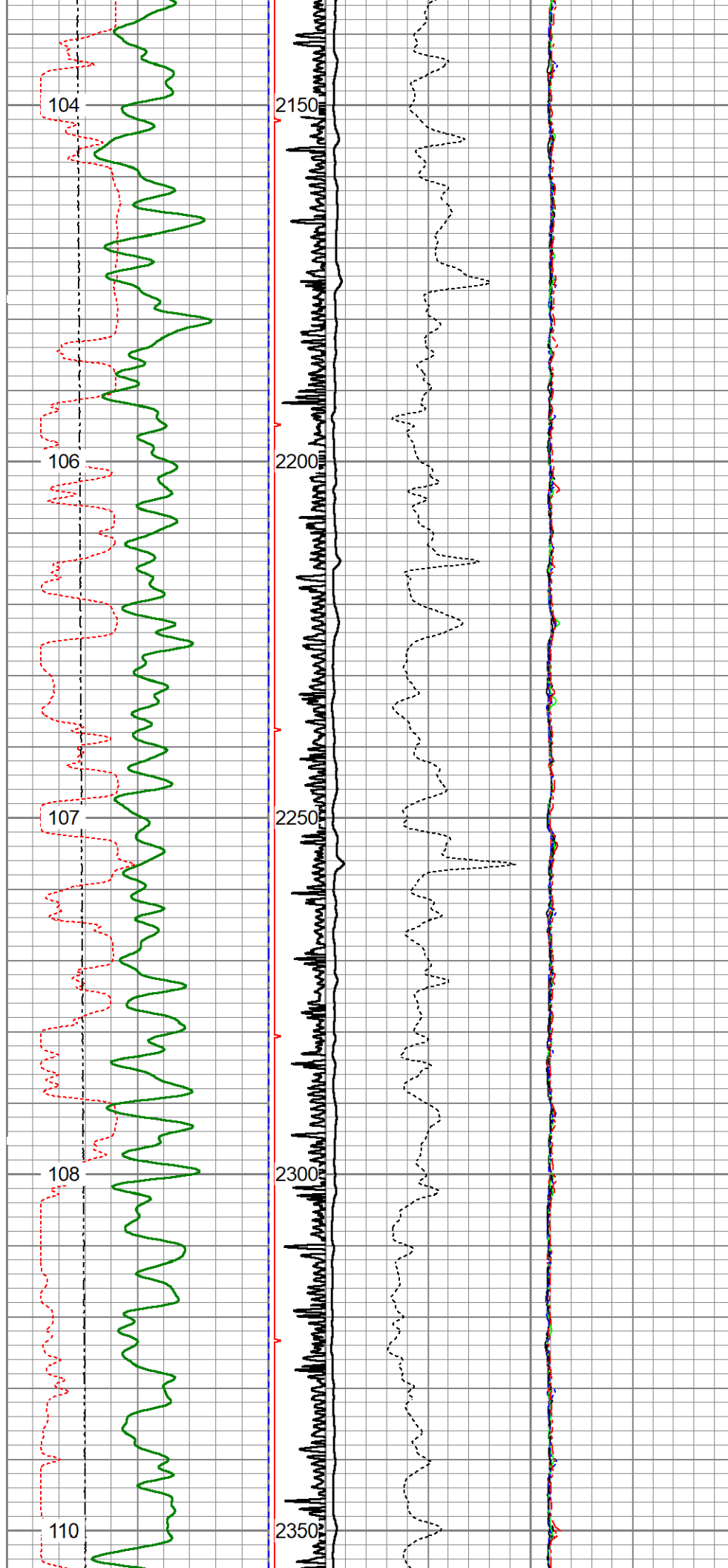




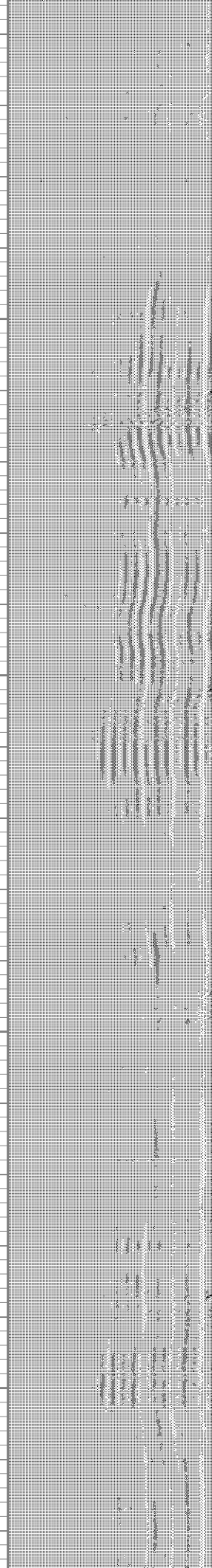
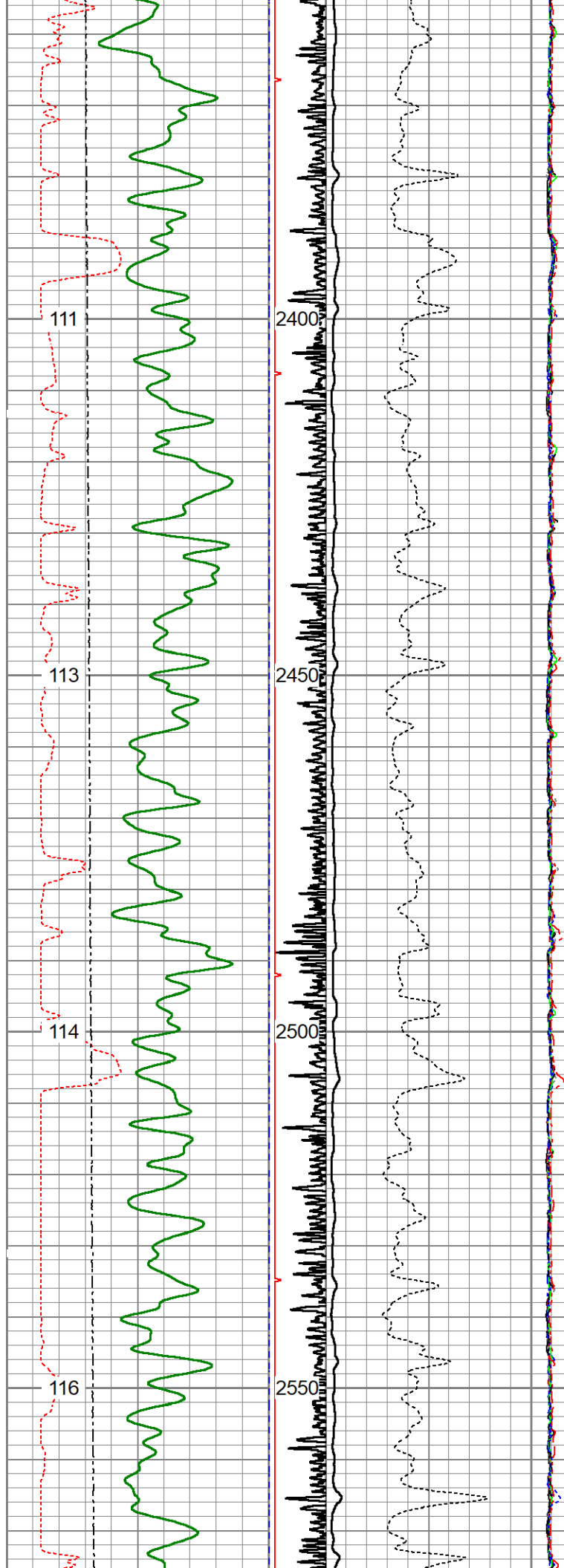


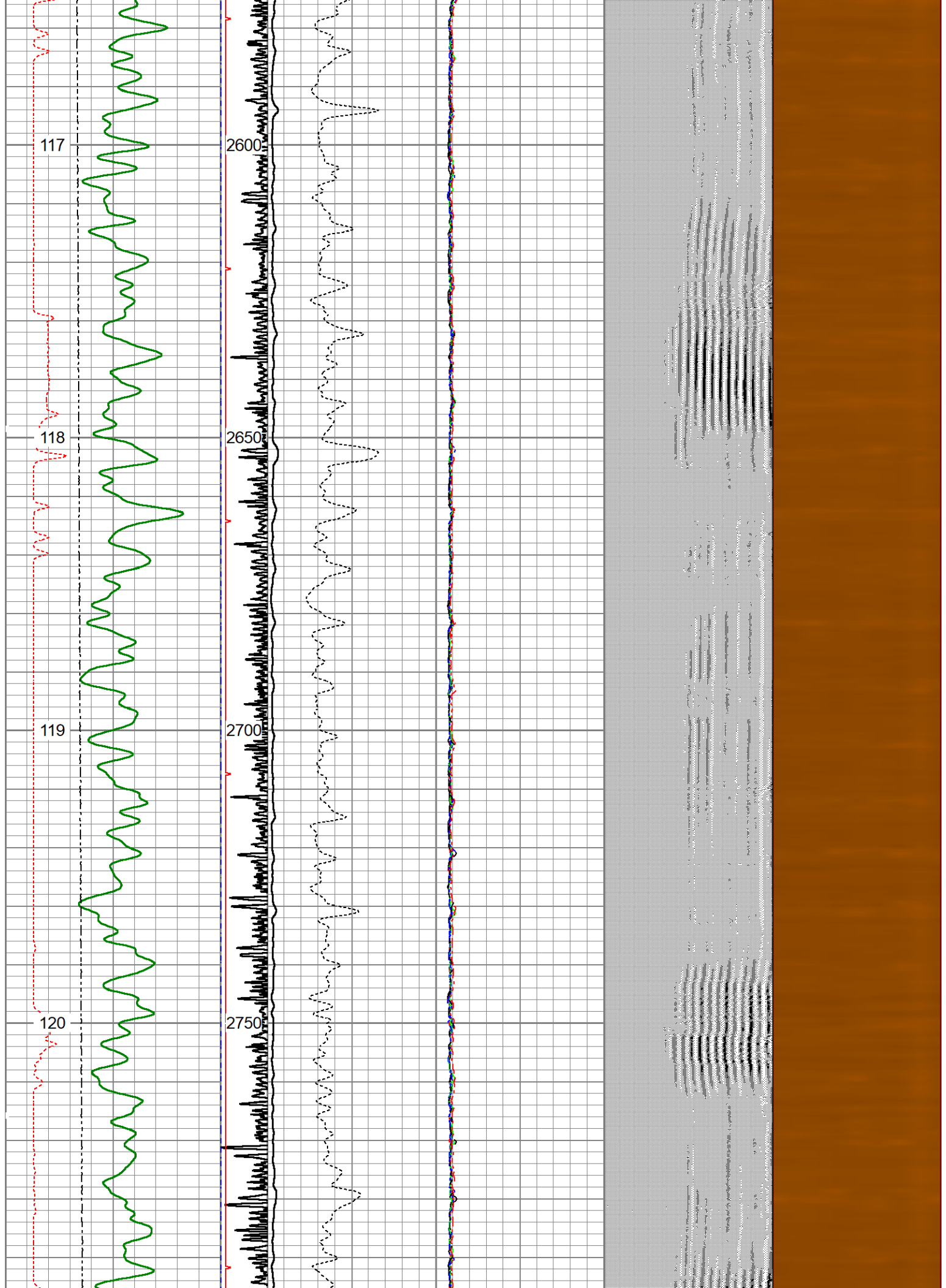






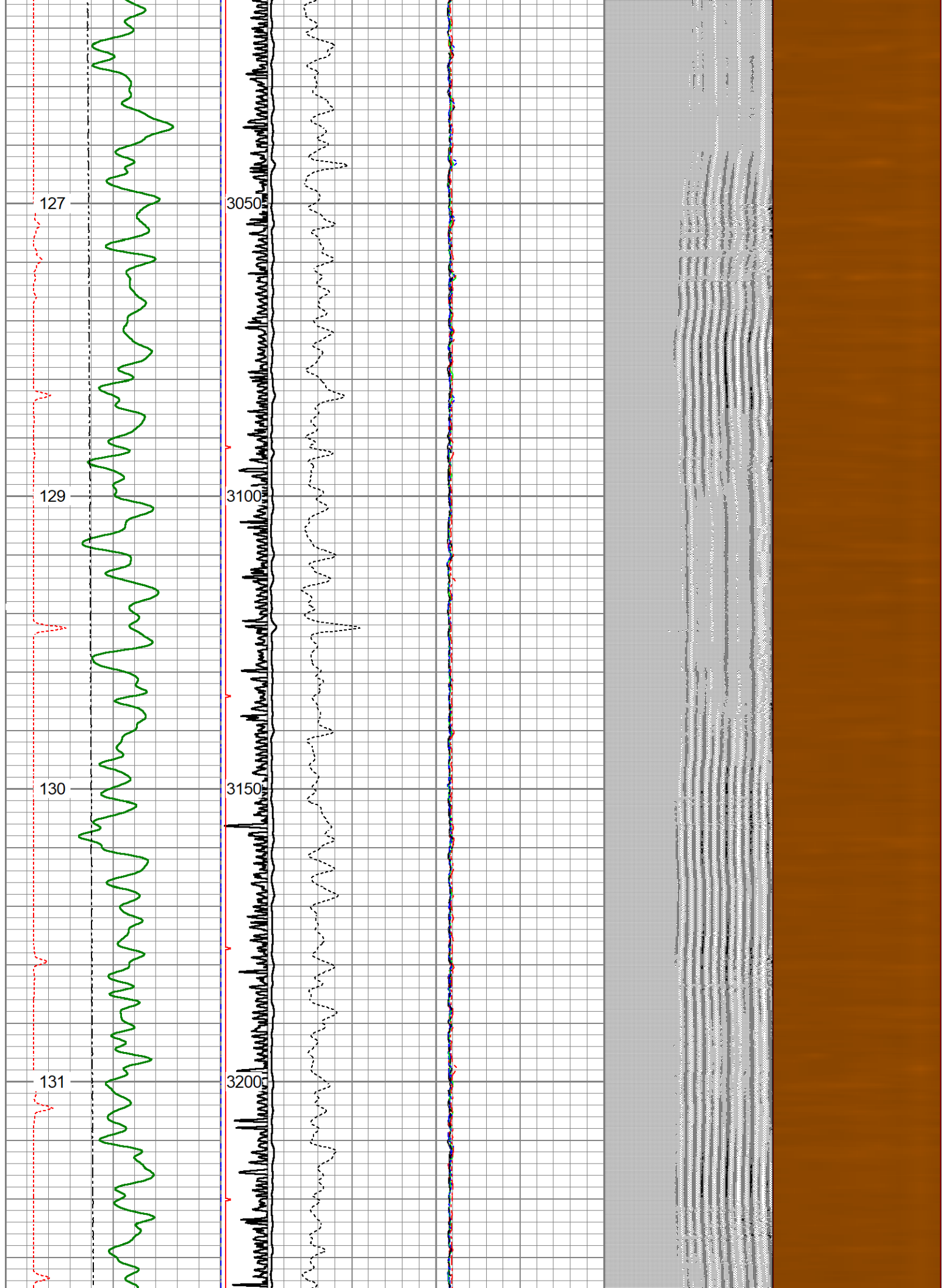


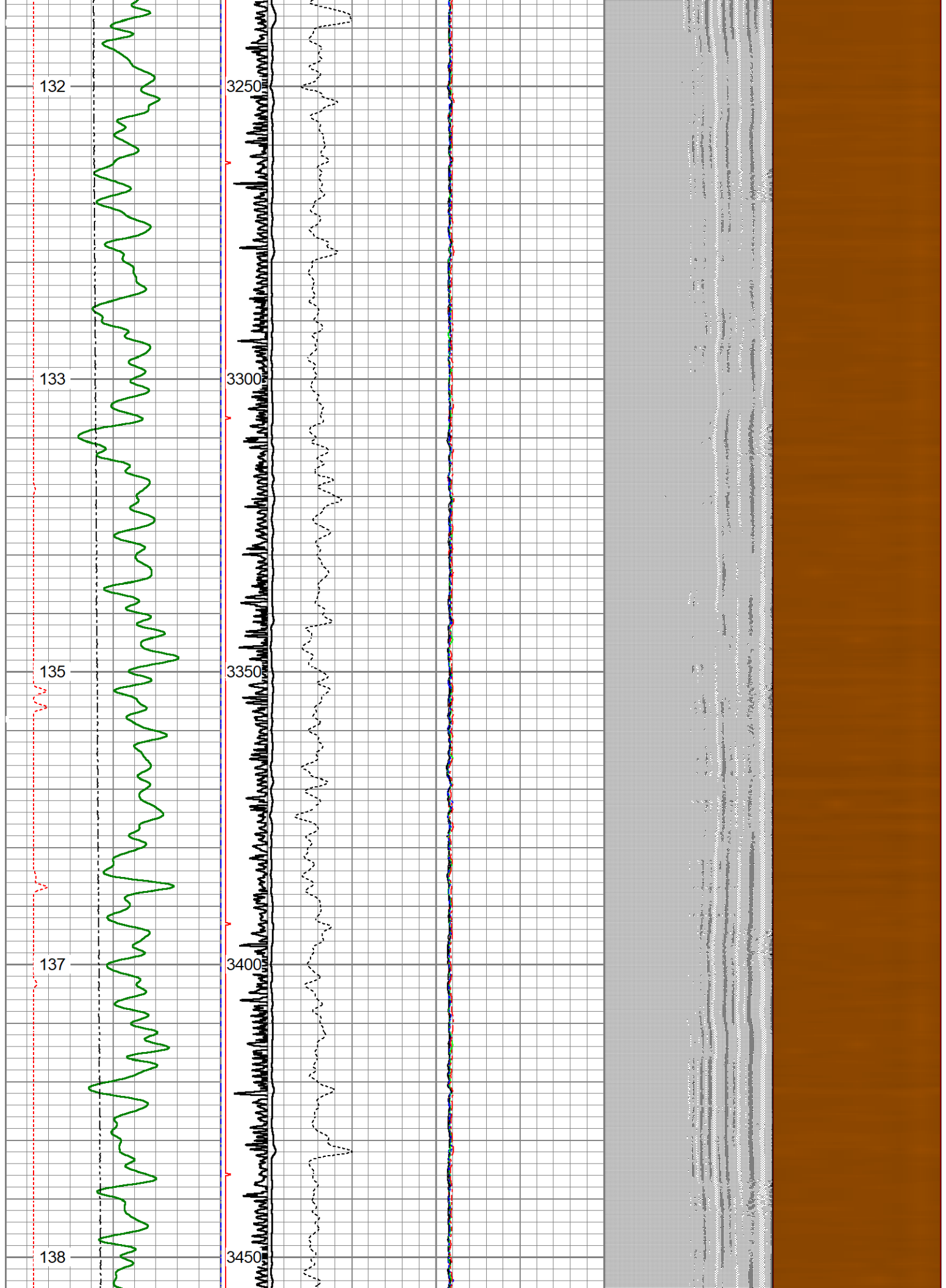








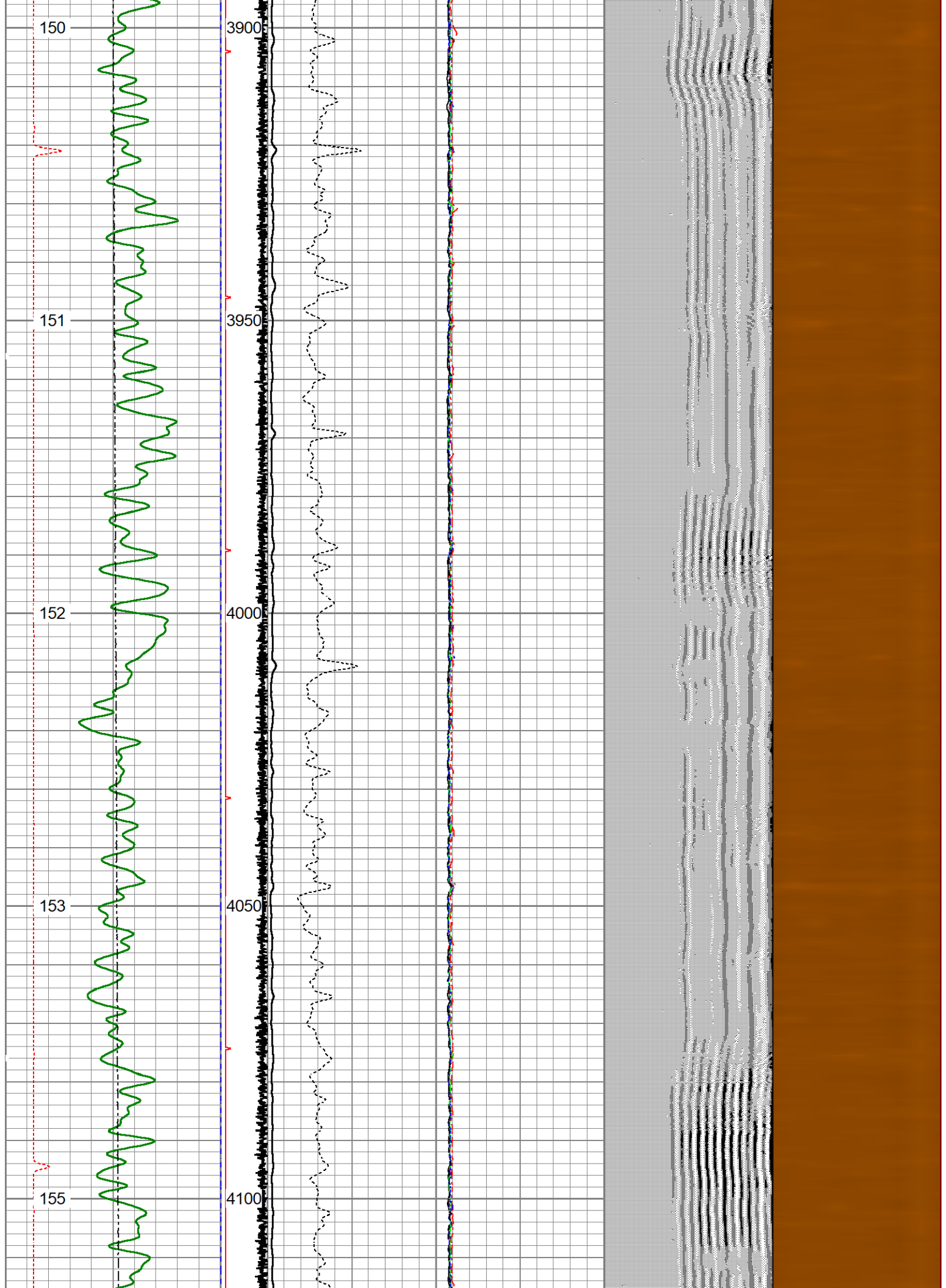




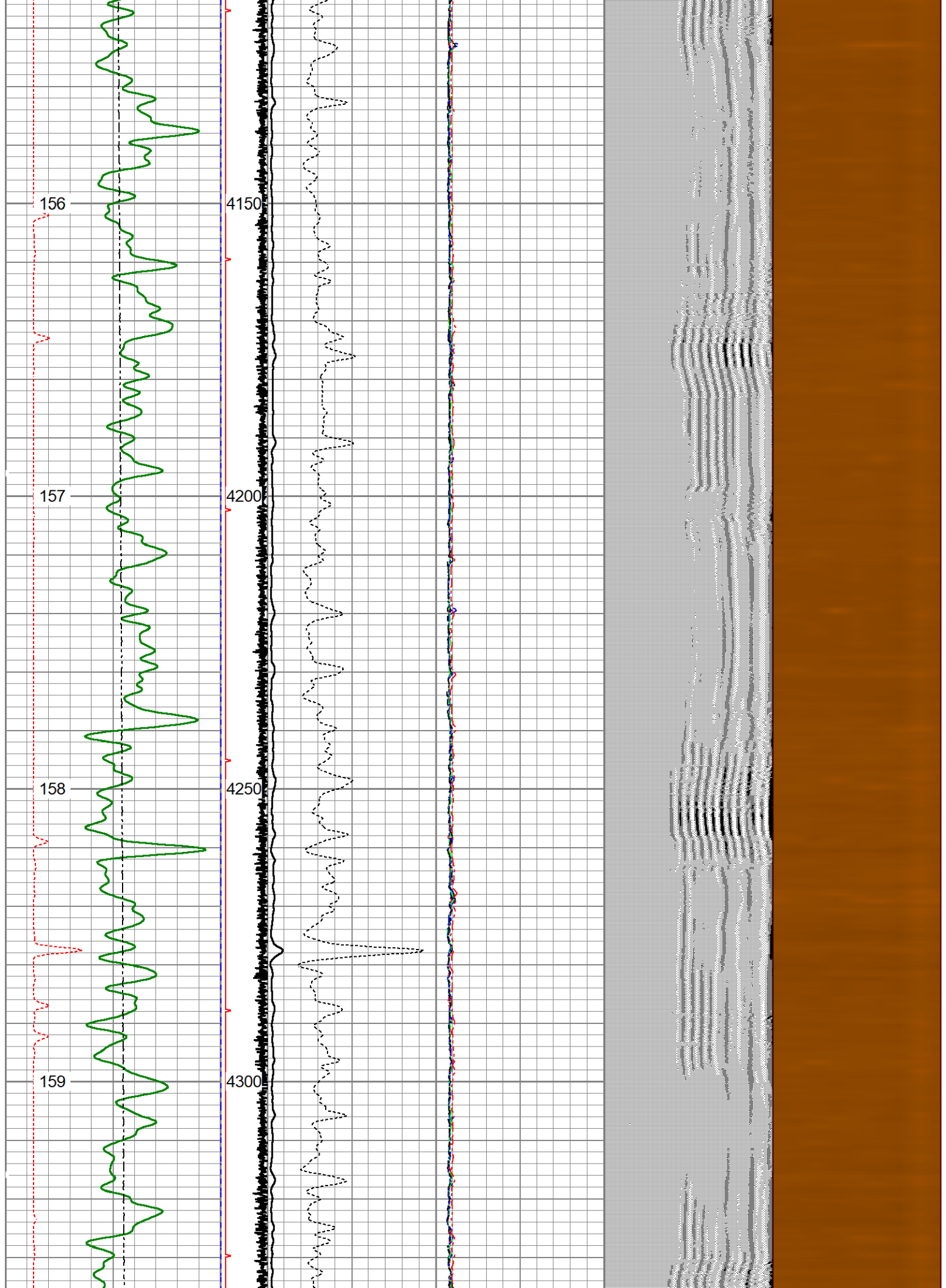


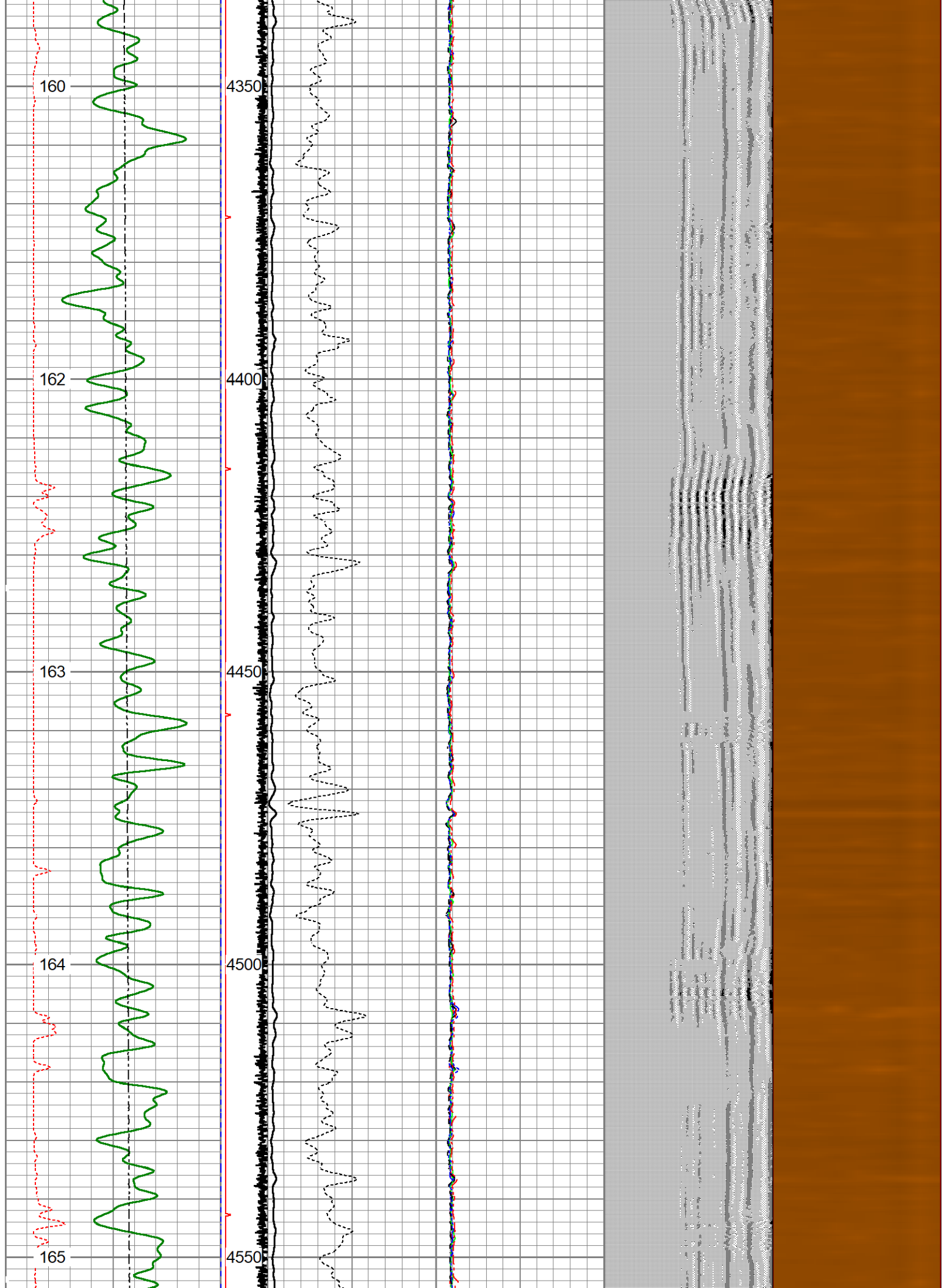


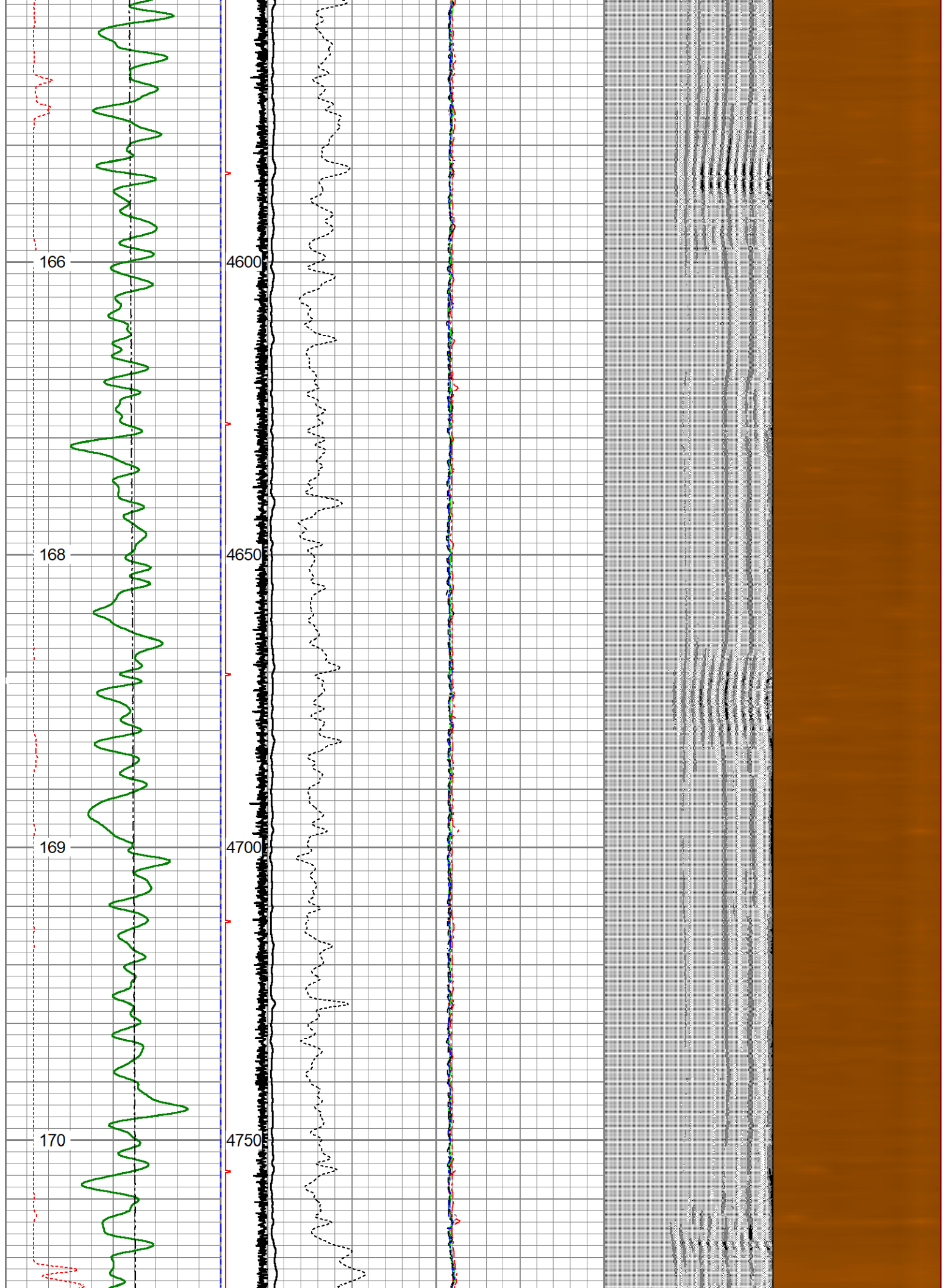




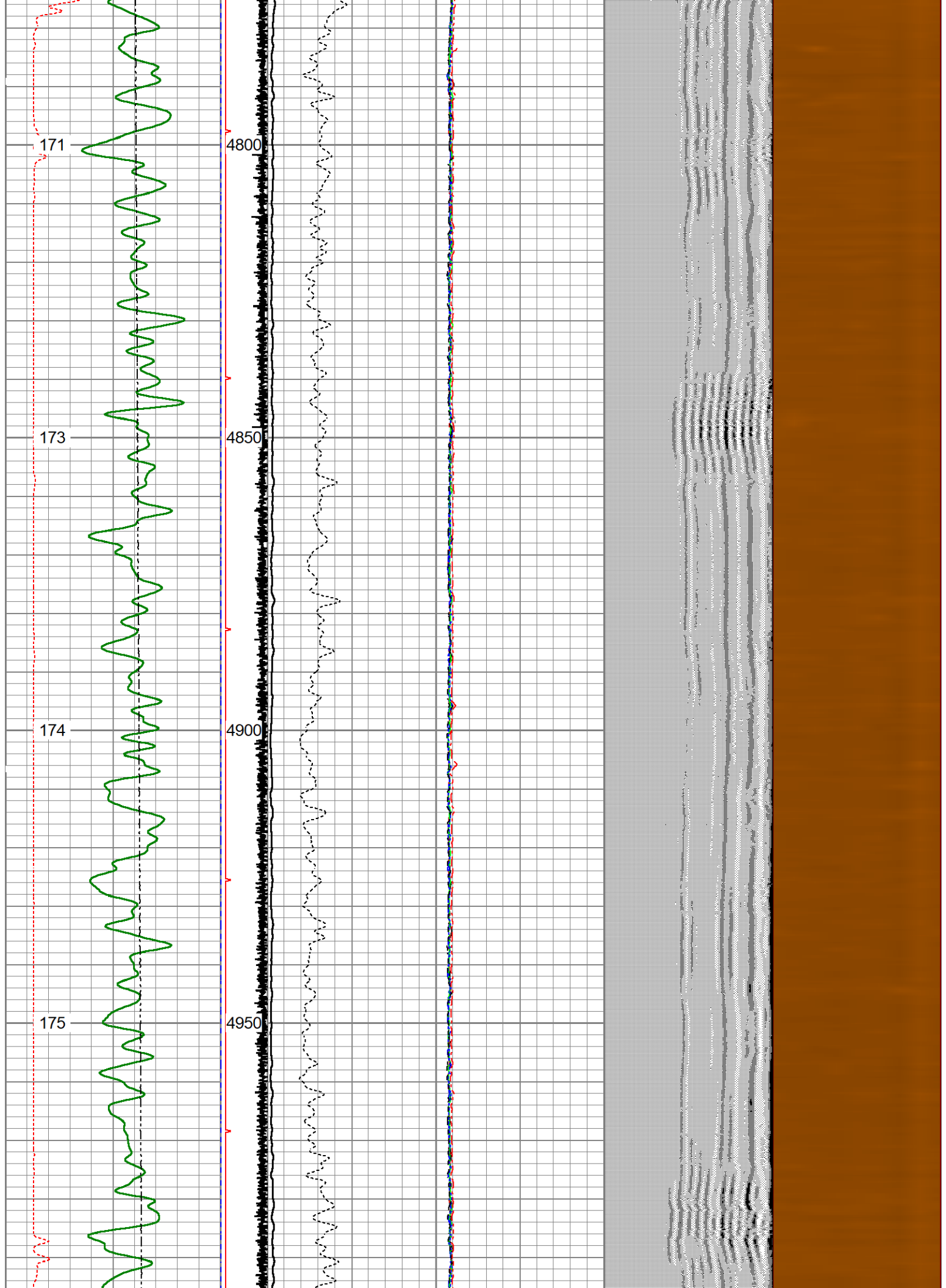


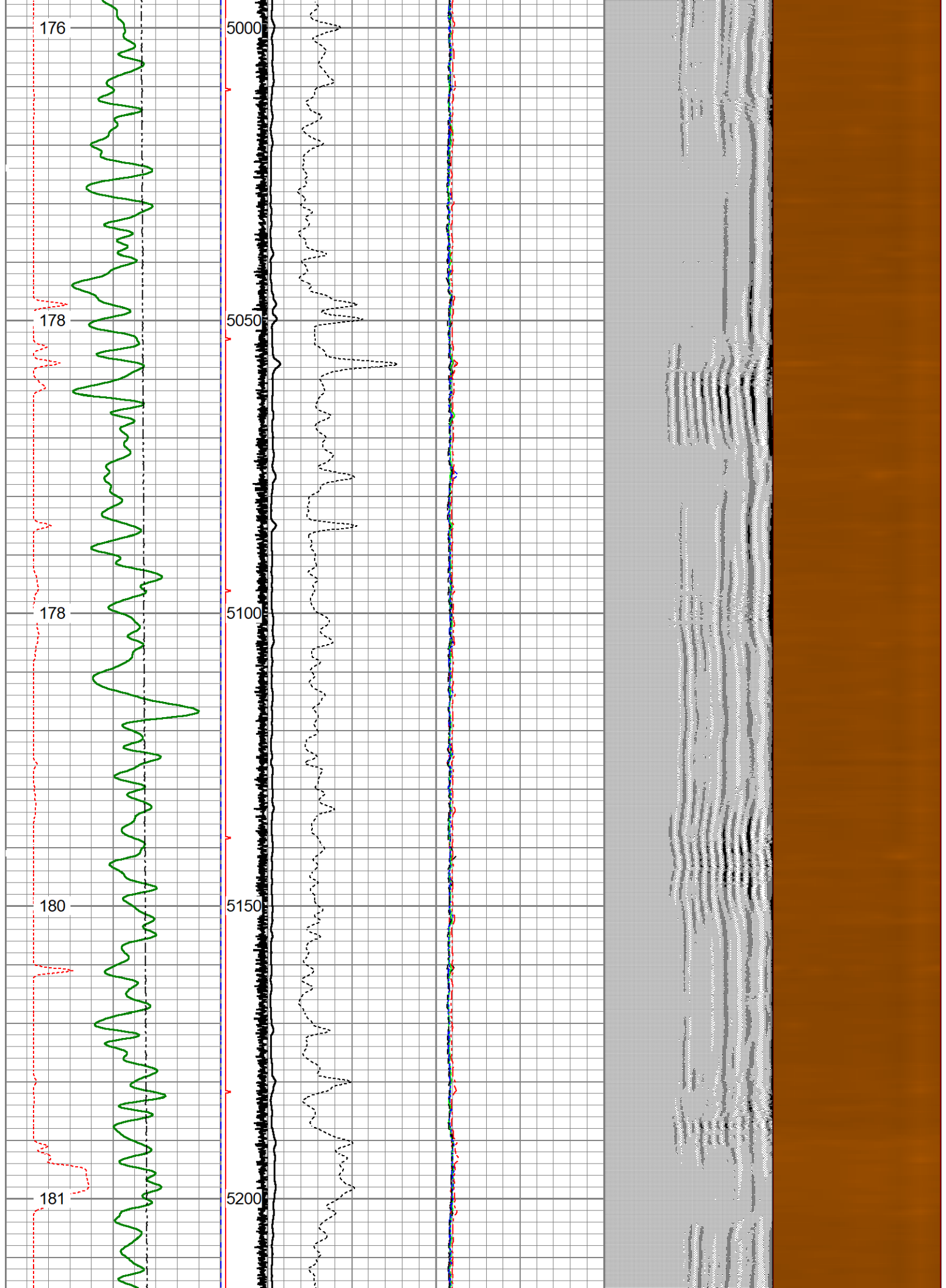


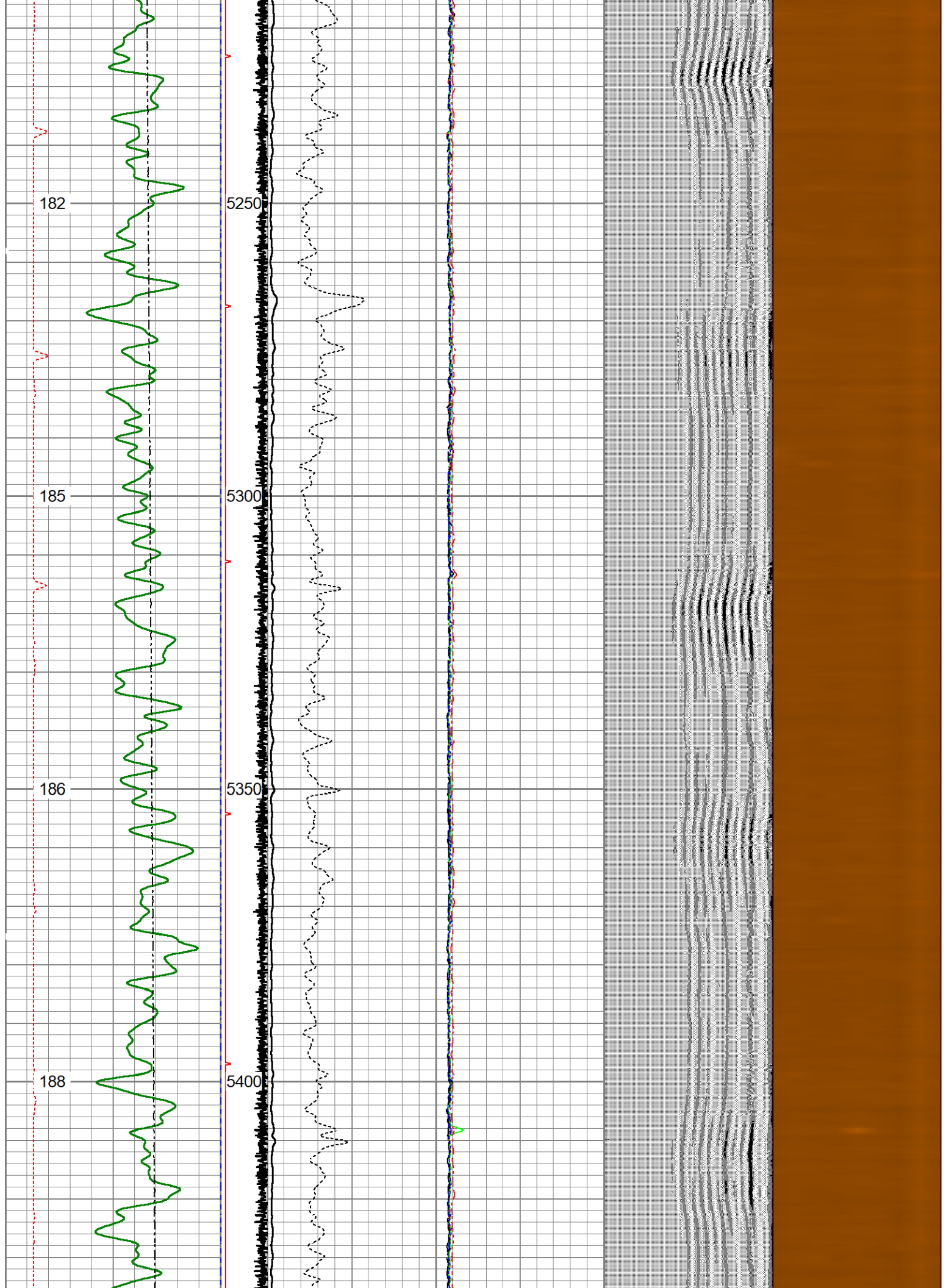




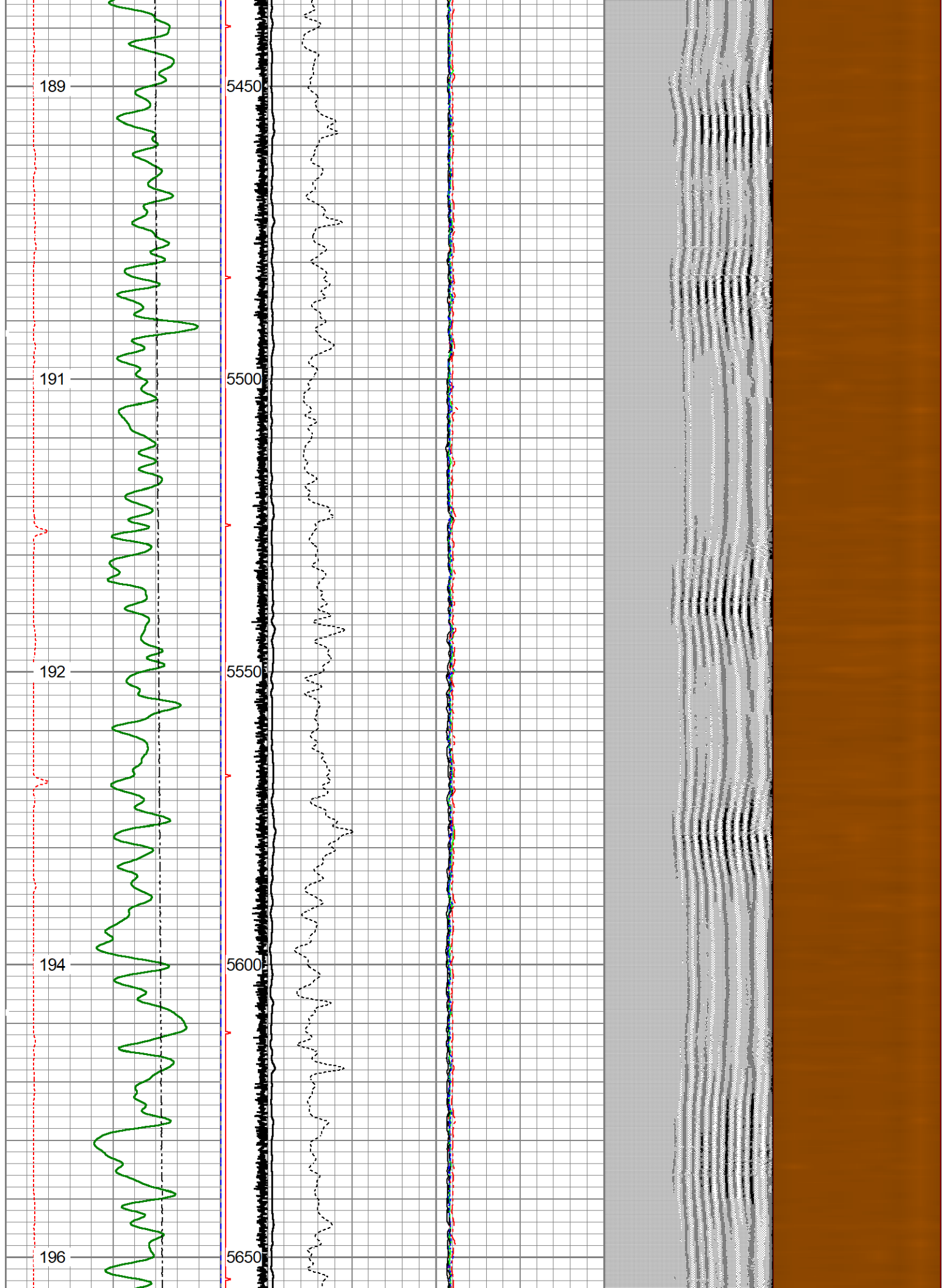




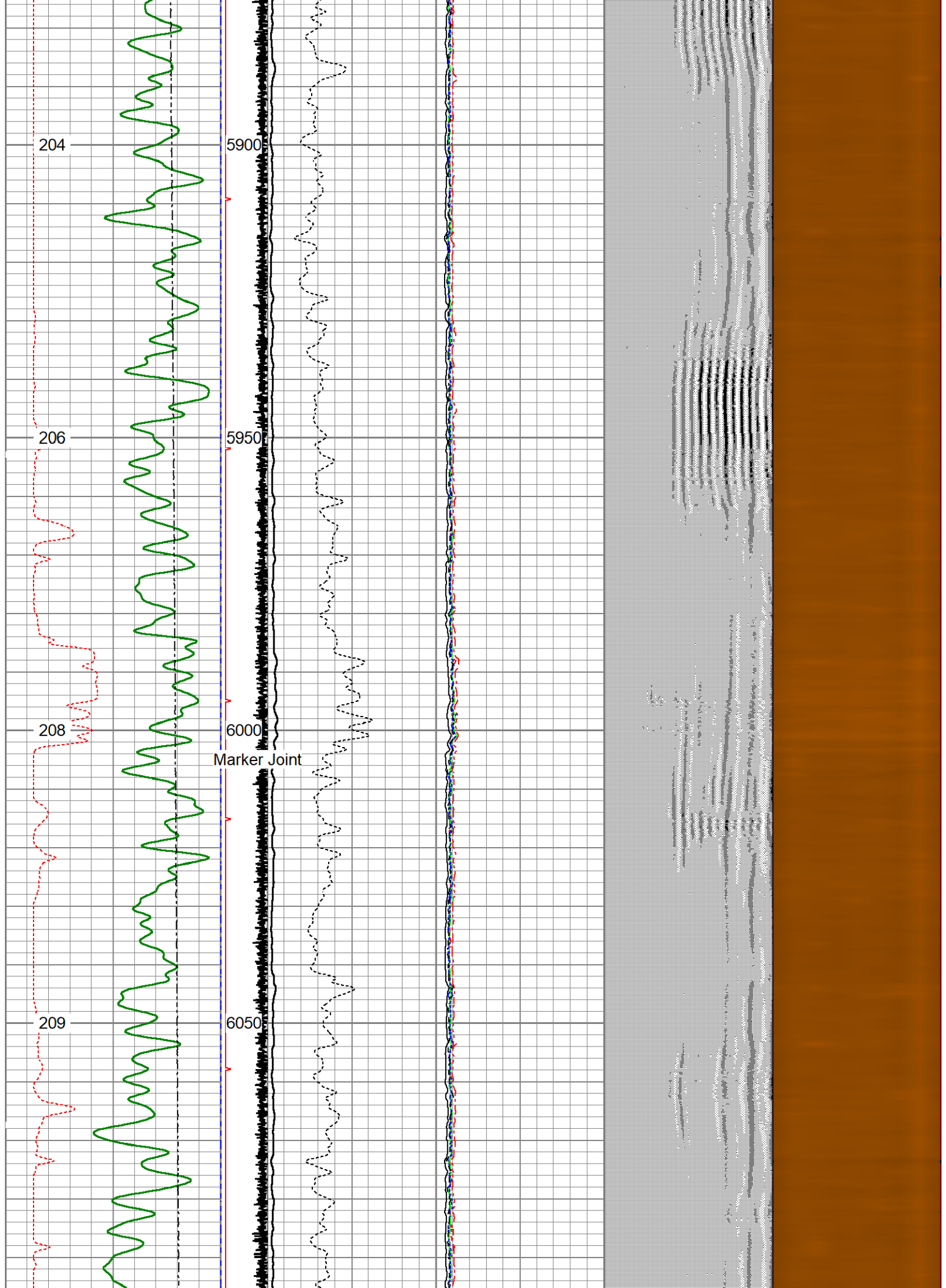




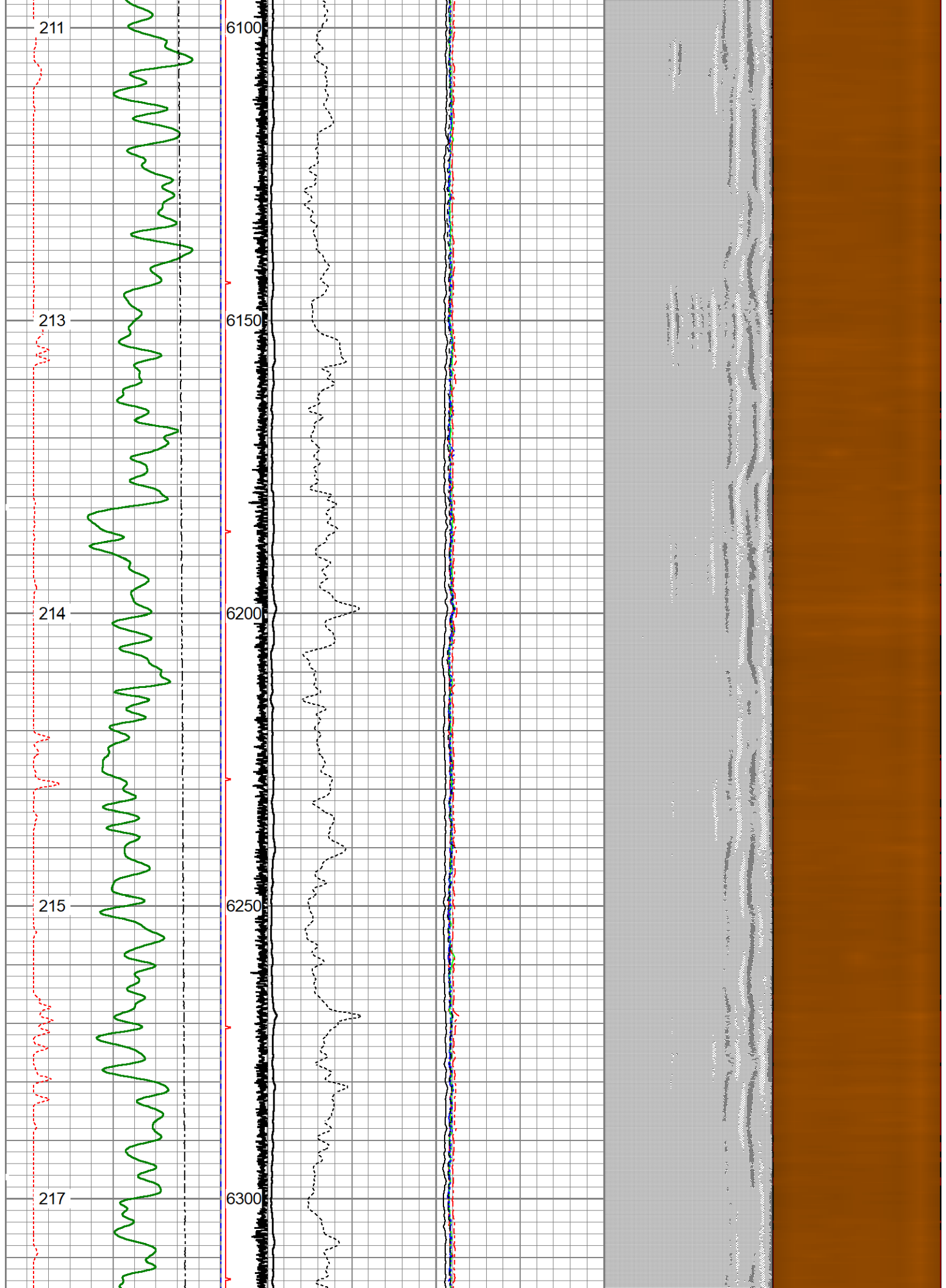


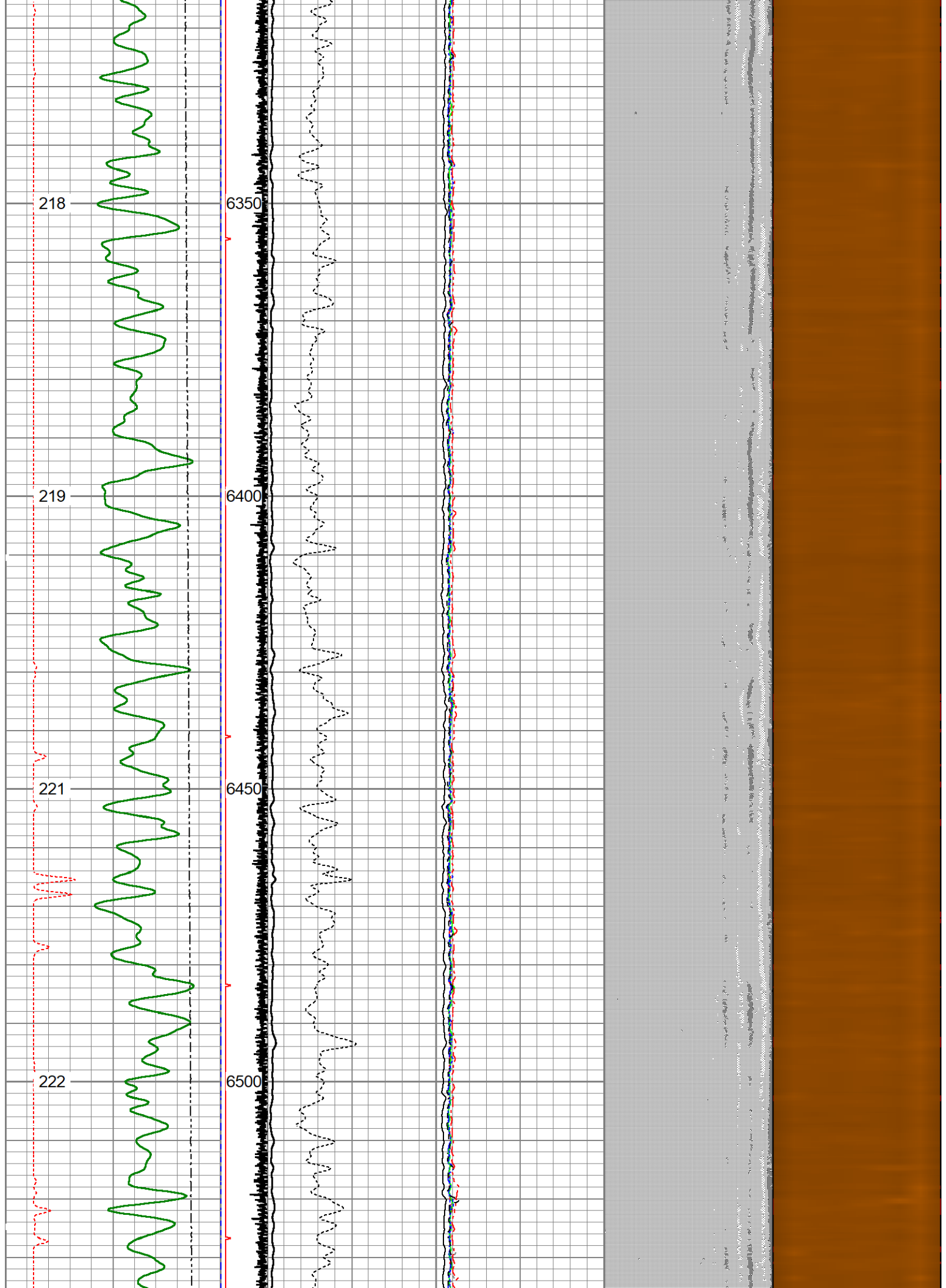


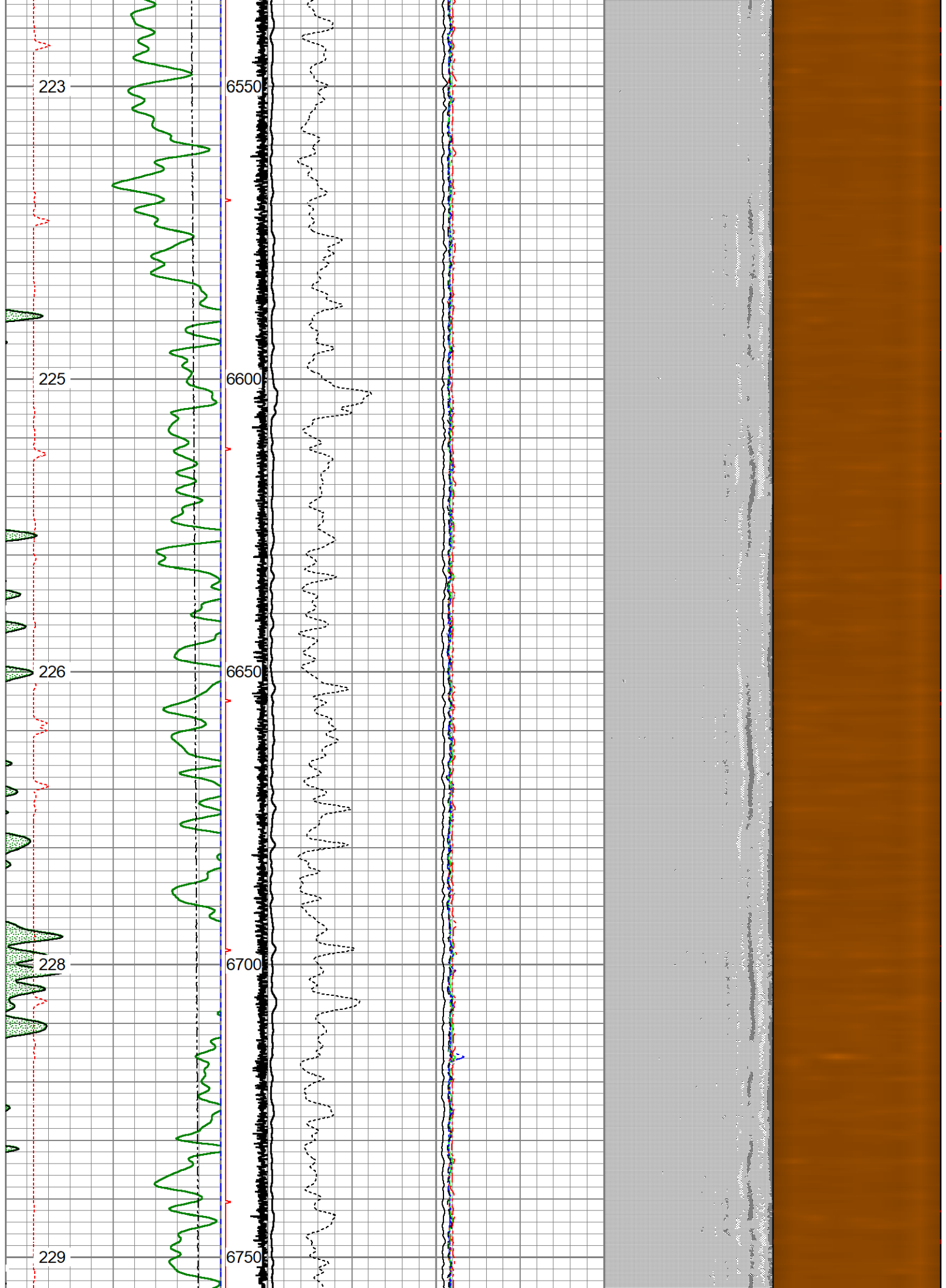




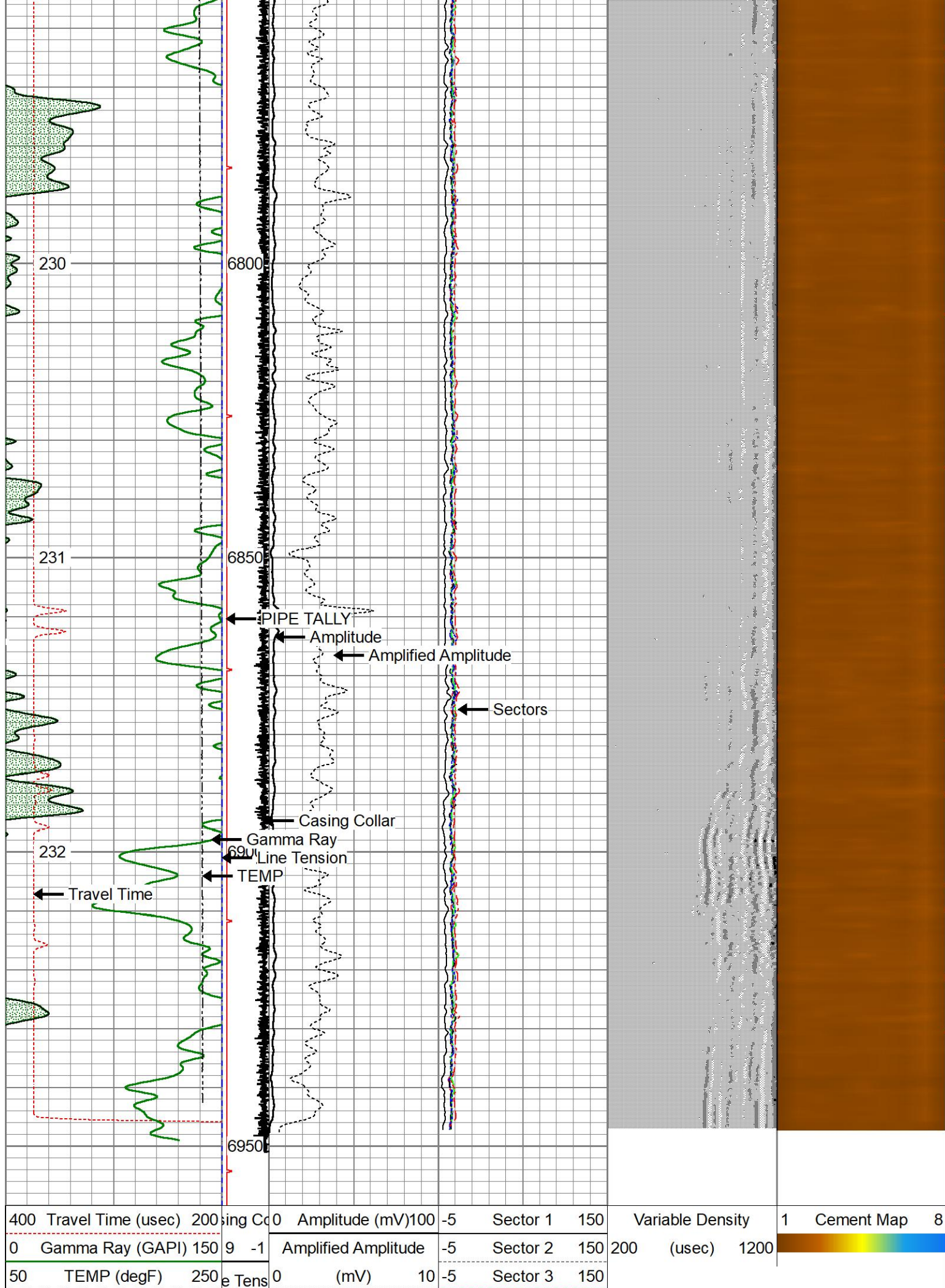















TEMP (degF)	(lb) (2000	-5 Sector 4 150
	PE TAL	-5 Sector 5 150
	-1 9	-5 Sector 6 150
		-5 Sector 7 150
		-5 Sector 8 150

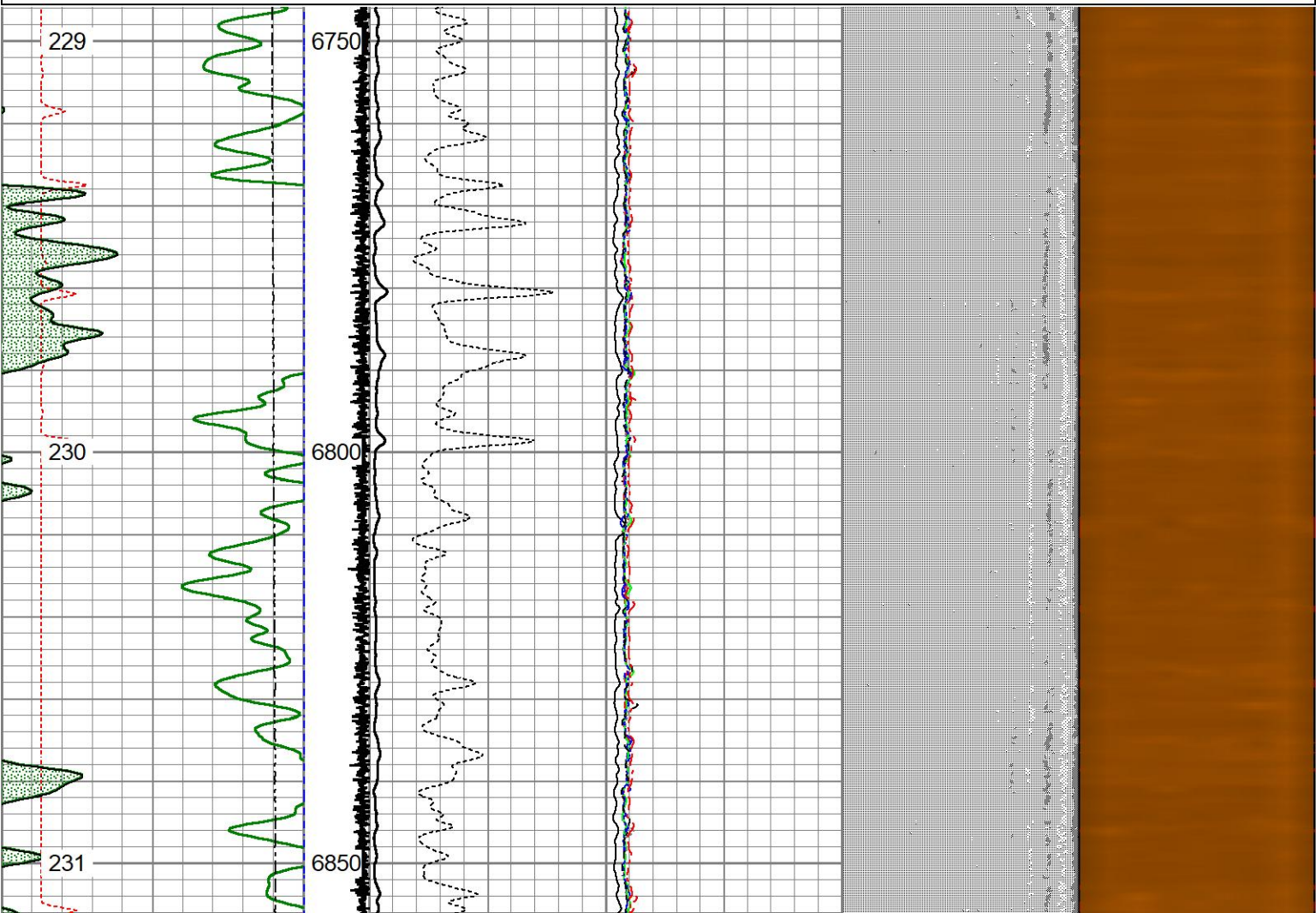


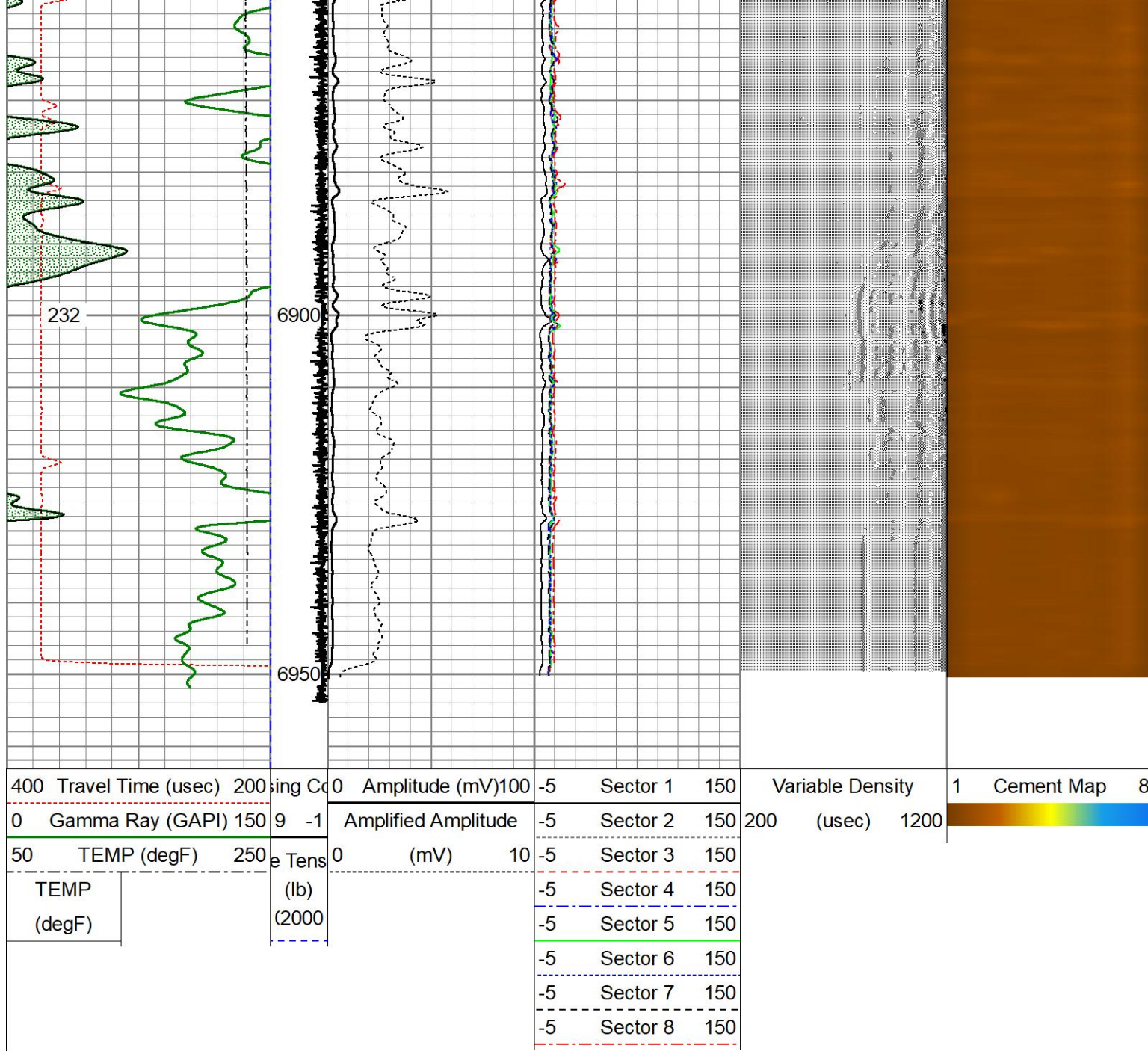
# Repeat Pass

Recorded With 2500 PSI Surface Induced Pressure

Database File	chevron_guttersen_d12_775_rcbl_05-17-2022.db
Dataset Pathname	repeat/pass1
Presentation Format	rcbl_hh
Dataset Creation	Tue May 17 16:28:46 2022
Charted by	Depth in Feet scaled 1:240

400 Travel Time (usec)	200sing Co	0 Amplitude (mV)	100	-5 Sector 1 150	Variable Density 200 (usec) 1200	1 Cement Map 8
0 Gamma Ray (GAPI)	1509 -1	Amplified Amplitude	-5	Sector 2 150		
50 TEMP (degF)	250e Tens	(mV)	10	-5 Sector 3 150		
TEMP (degF)	(lb) (2000		-5	Sector 4 150		
			-5	Sector 5 150		
			-5	Sector 6 150		
			-5	Sector 7 150		
			-5	Sector 8 150		





Database File		chevron_guttersen_d12_775_rcbl_05-17-2022.db		Calibration Report	
Dataset Pathname		main/pass1			
Dataset Creation		Tue May 17 16:36:47 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		



## Porosity

Porosity  
1.62

Porosity  
1.58

Air Zero Calibration, performed Tue May 17 08:18:40 2022:

	Raw (v)	Calibrated (v)	Results
	<u>Zero</u>	<u>Zero</u>	<u>Offset</u>
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)
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 D12-775	
Field	WATTENBERG	
County	WELD	
State	COLORADO	Country USA