



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

Company	CHEVRON	Country	USA
Well	GUTTERSEN D10-745		
Field	WATTENBERG		
County	WELD		
State	COLORADO		
Location:	SEC 34 TWP 4N RGE 64W	API # : 05-123-48918	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	17238'
Depth Logger	6924'
Bottom Logged Interval	6923'
Top Log Interval	SURFACE
Open Hole Size	8.50"
Type Fluid	WATER
Density / Viscosity	-
Max. Recorded Temp.	243
Estimated Cement Top	-
Time Well Ready	0910
Time Logger on Bottom	0945
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	1949'
Prot. String				
Production String	5-1/2"	17#	SURFACE	17238'
Liner				



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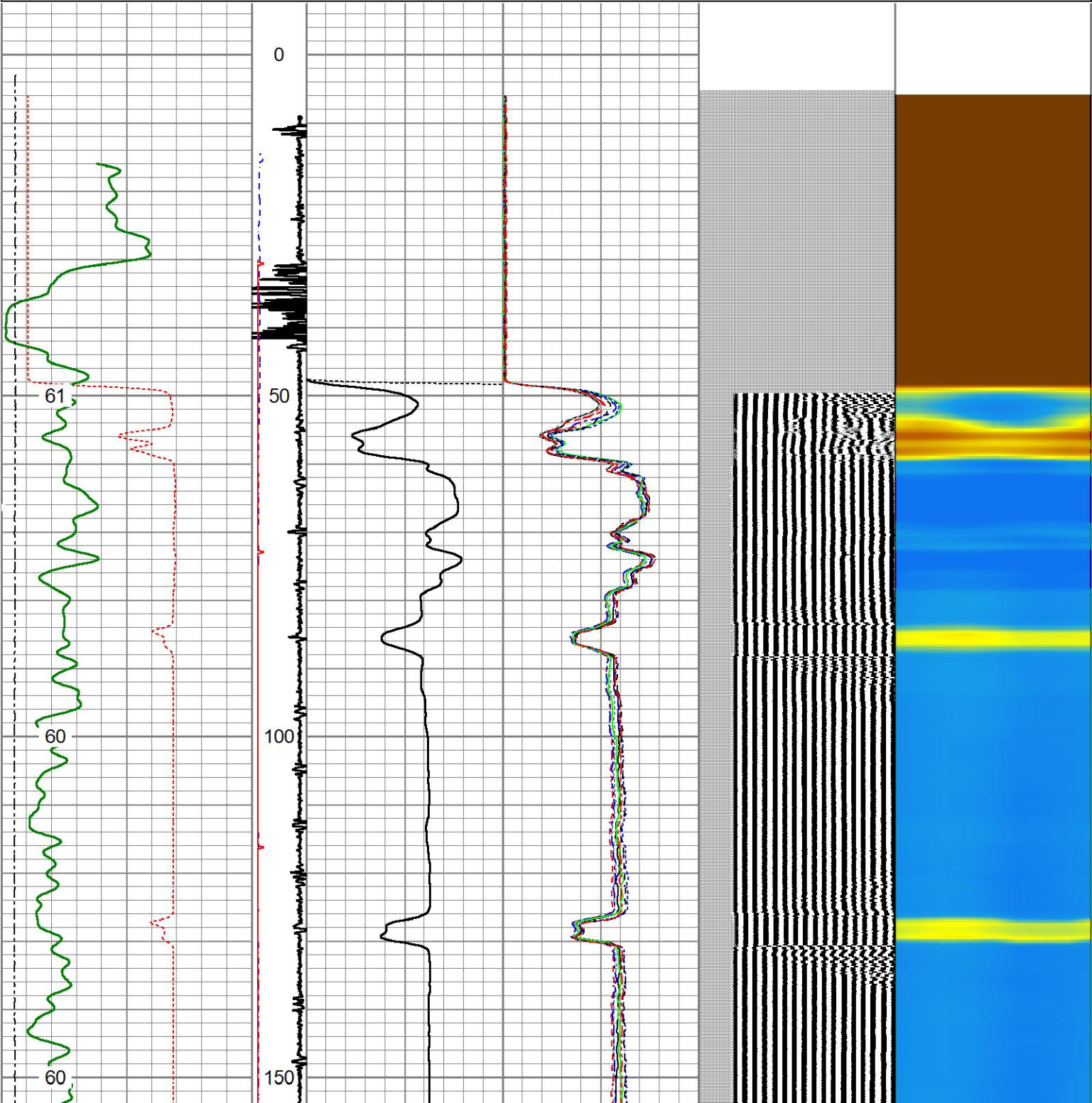
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

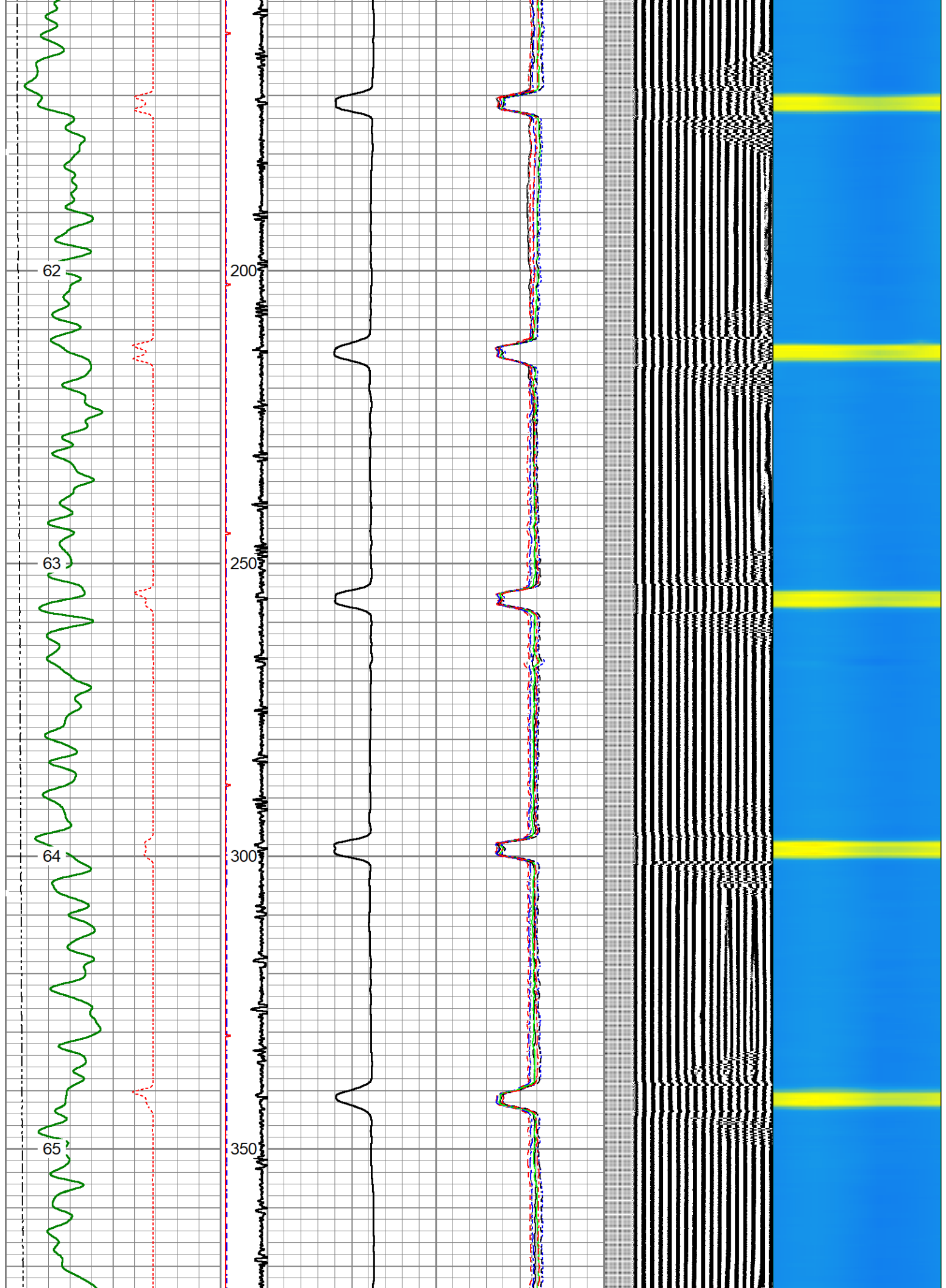
Comments

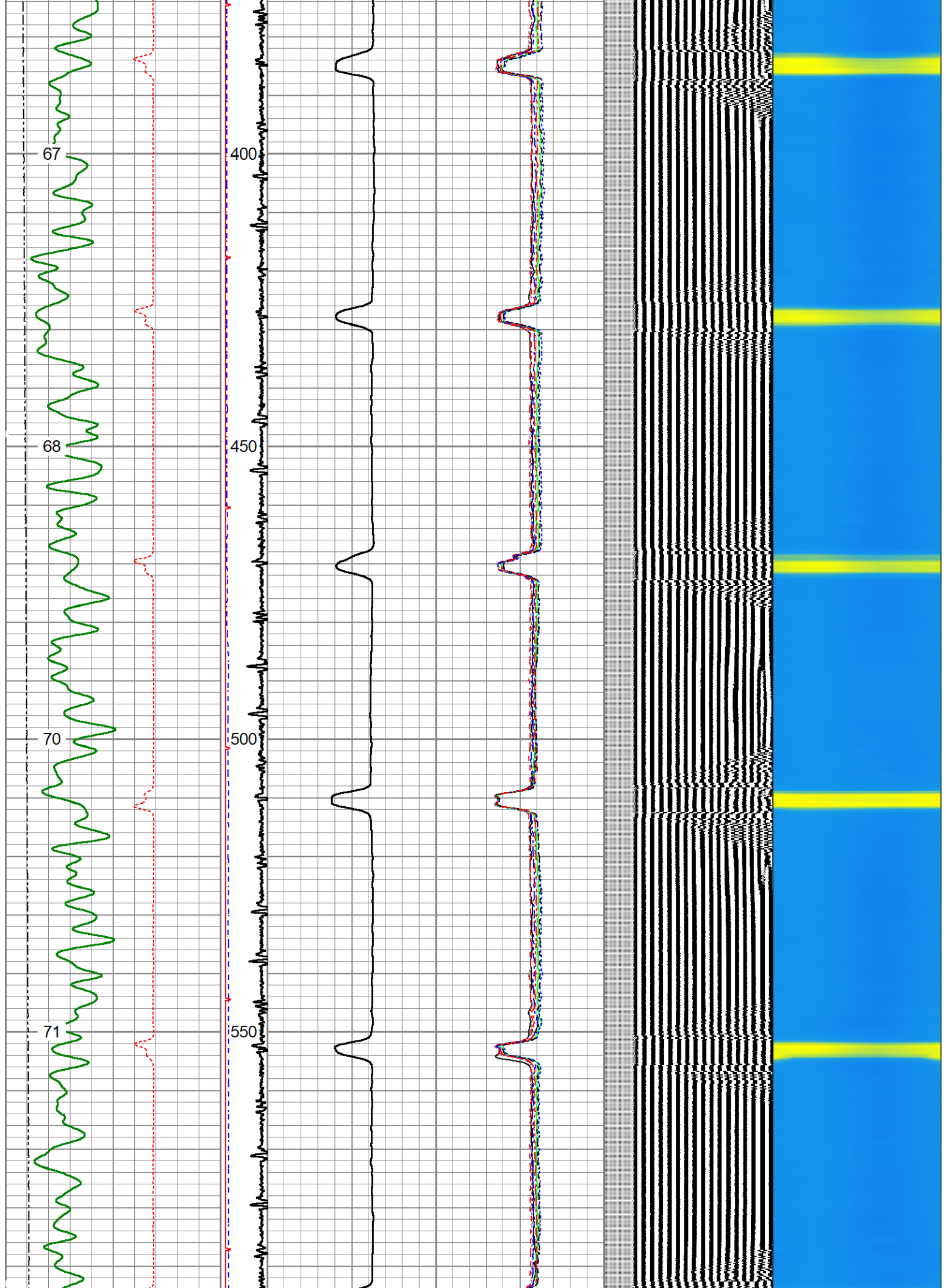
TOOLS RAN AS PER TOOLSTRING DIAGRAM
TOLLSTRING CENTRALIZED VIA 3 X GEMCO CENTRALIZERS
LOG CORRELATED TO MARKER JOINT @ 6038'-6048'

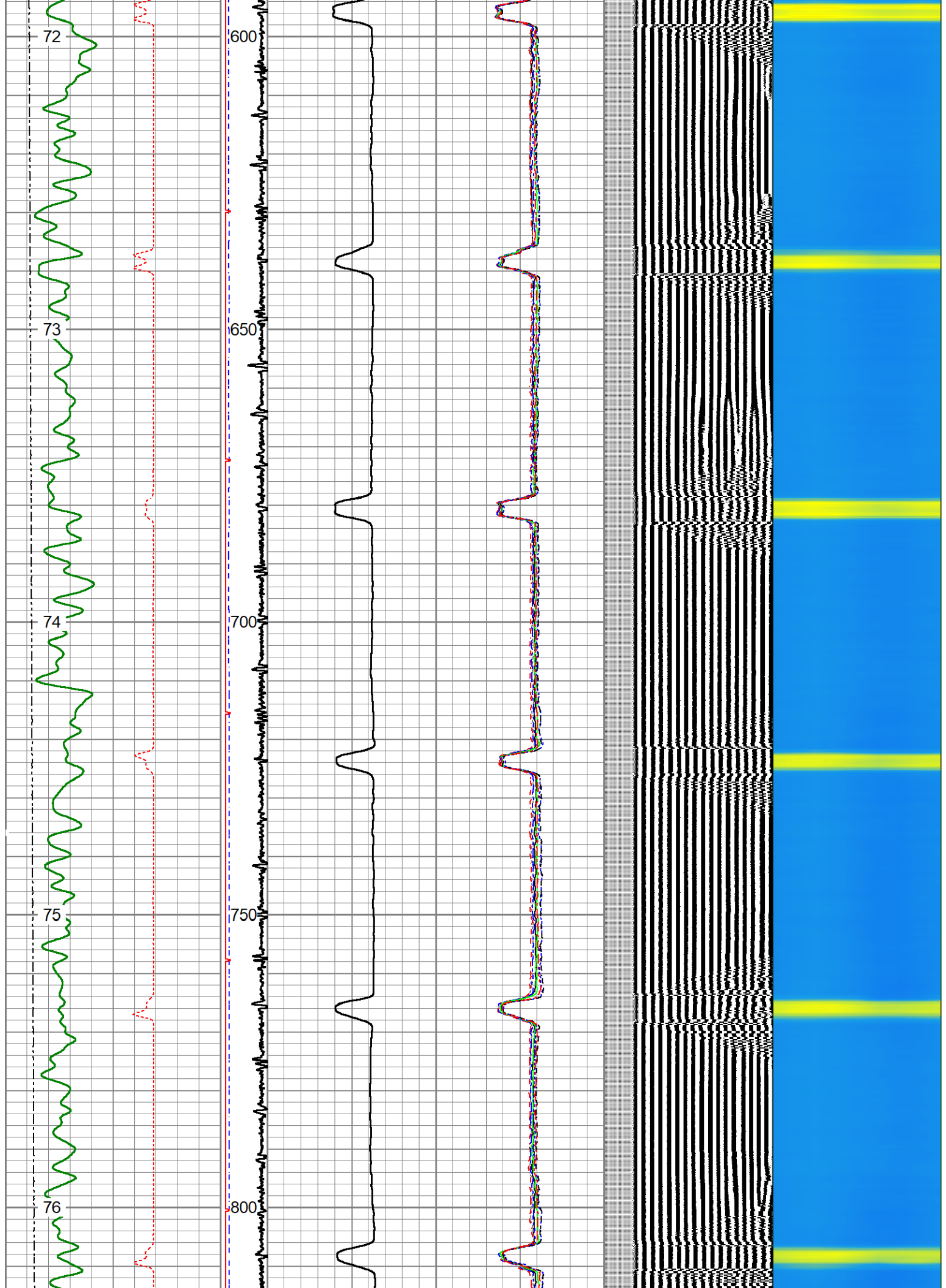
THANK YOU FOR CHOOSING KLX ENERGY SERVICES

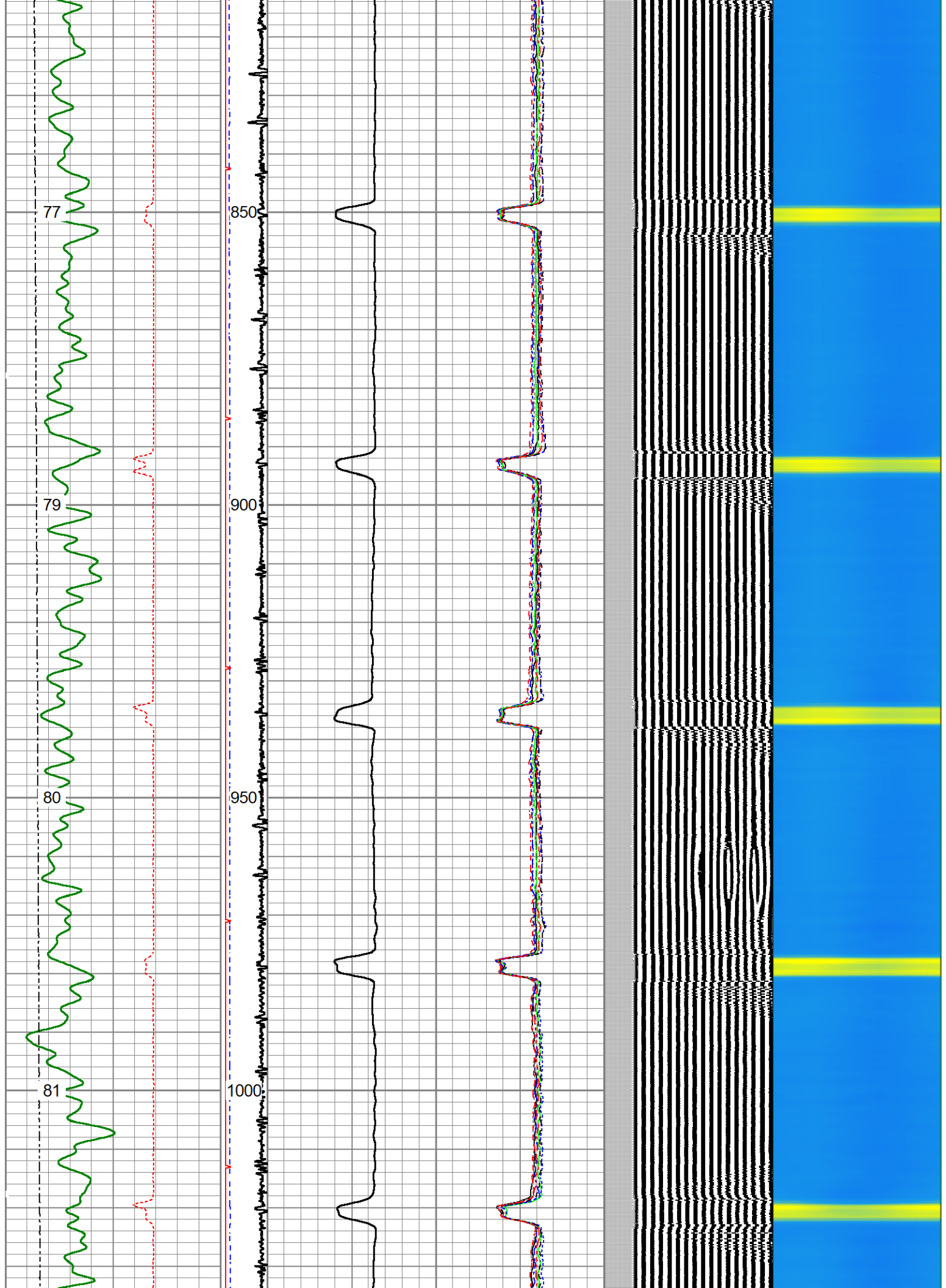
Database File		guttersen_d 10-745\chevron_guttersen_d_10-745_rcbl.db												
Dataset Pathname		run/CBL6												
Presentation Format		rcbl_hh												
Dataset Creation		Tue Mar 29 11:27:29 2022												
Charted by		Depth in Feet scaled 1:240												
400 Travel Time (usec)		200	ing Co	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					
			PE TAL				-5	Sector 6	150					
			-1 9				-5	Sector 7	150					
							-5	Sector 8	150					

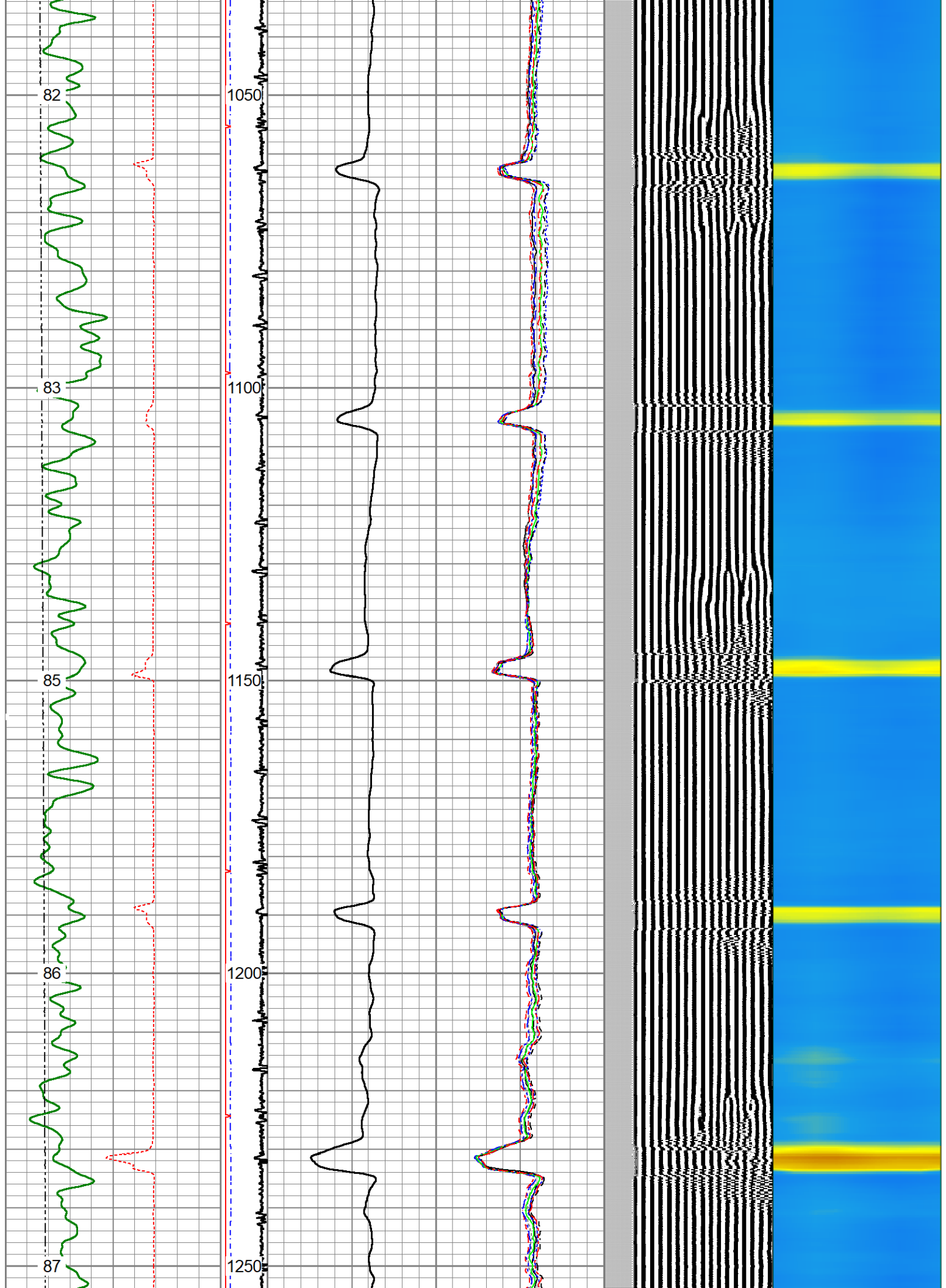


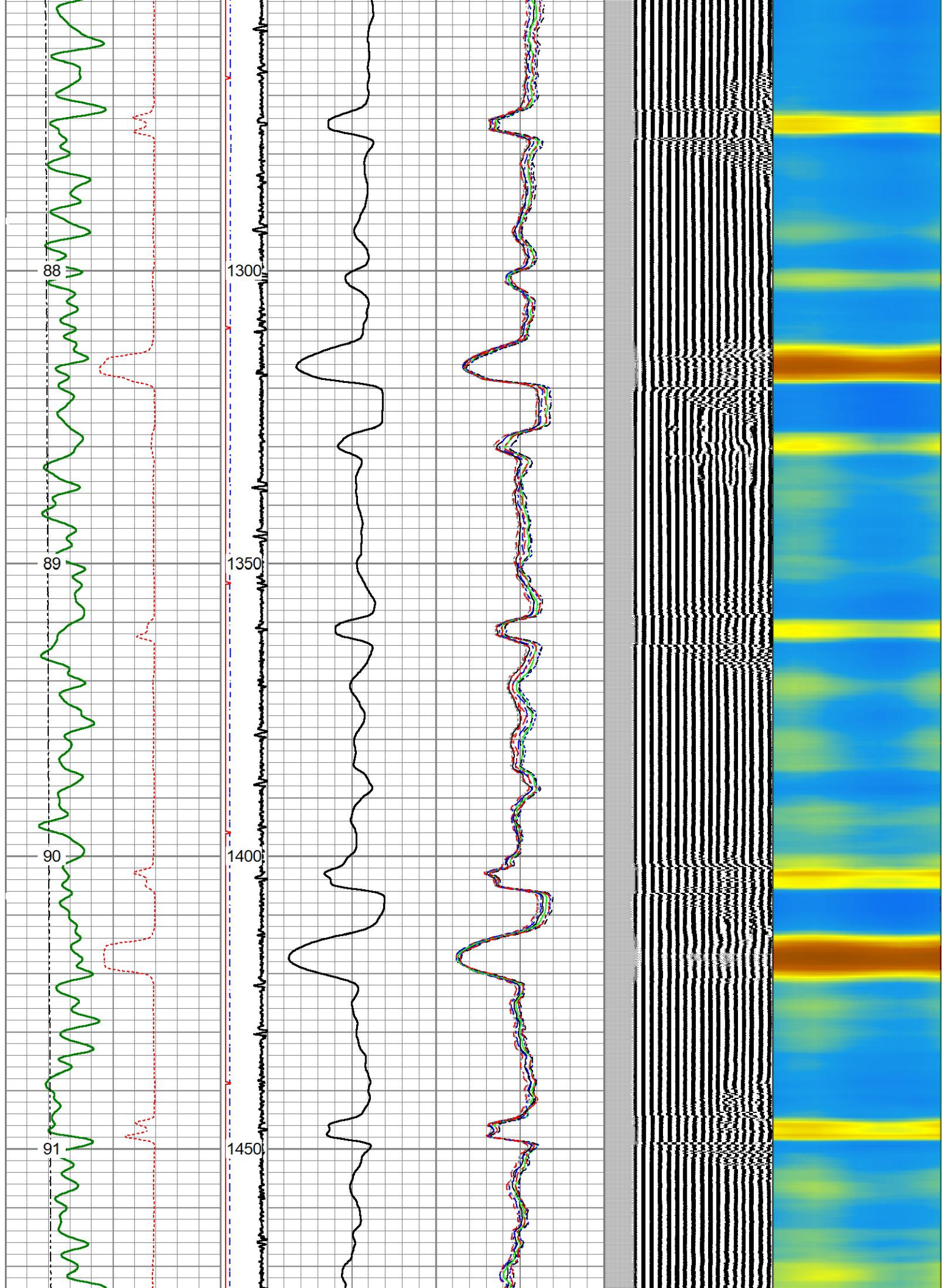


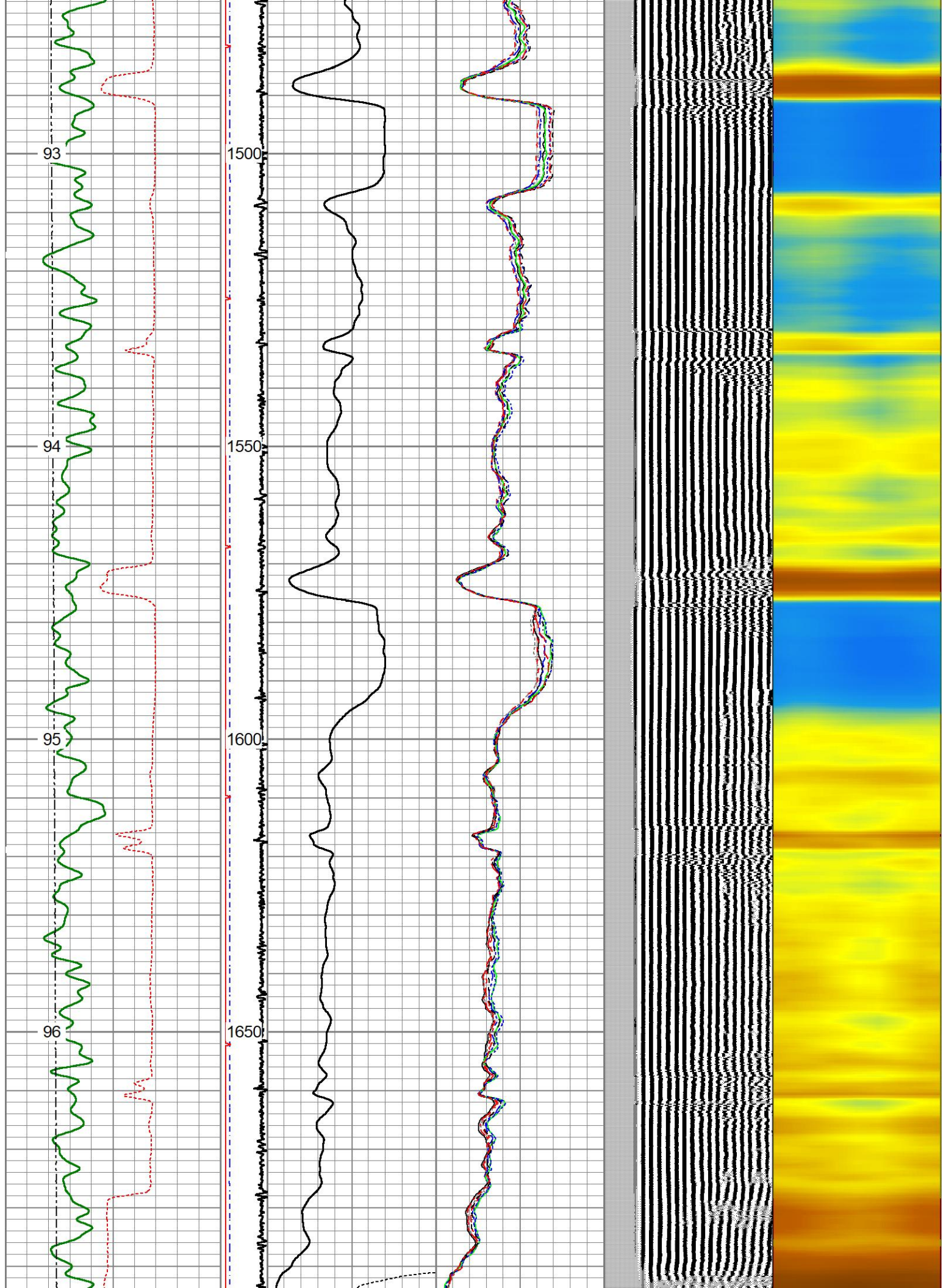


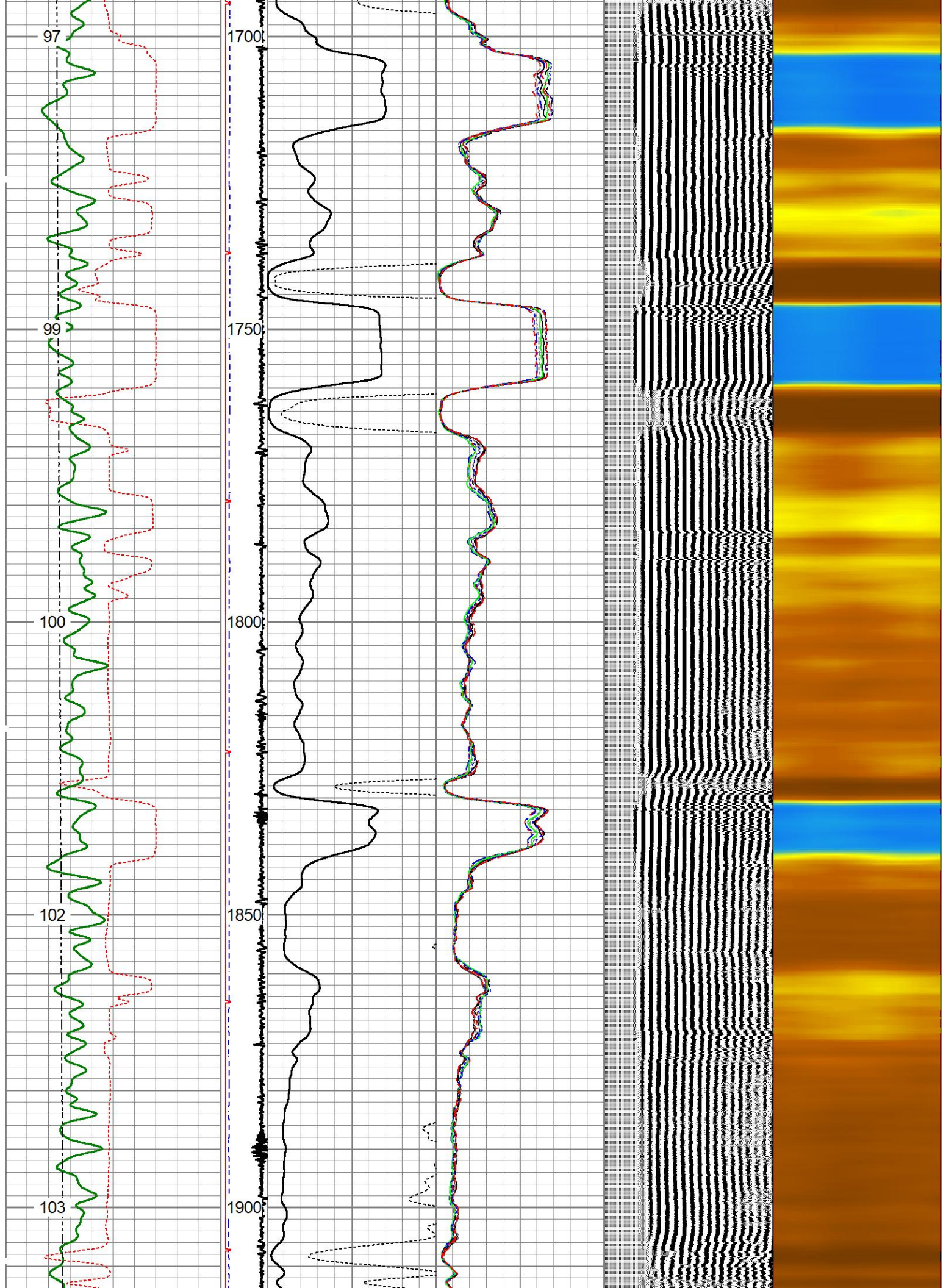


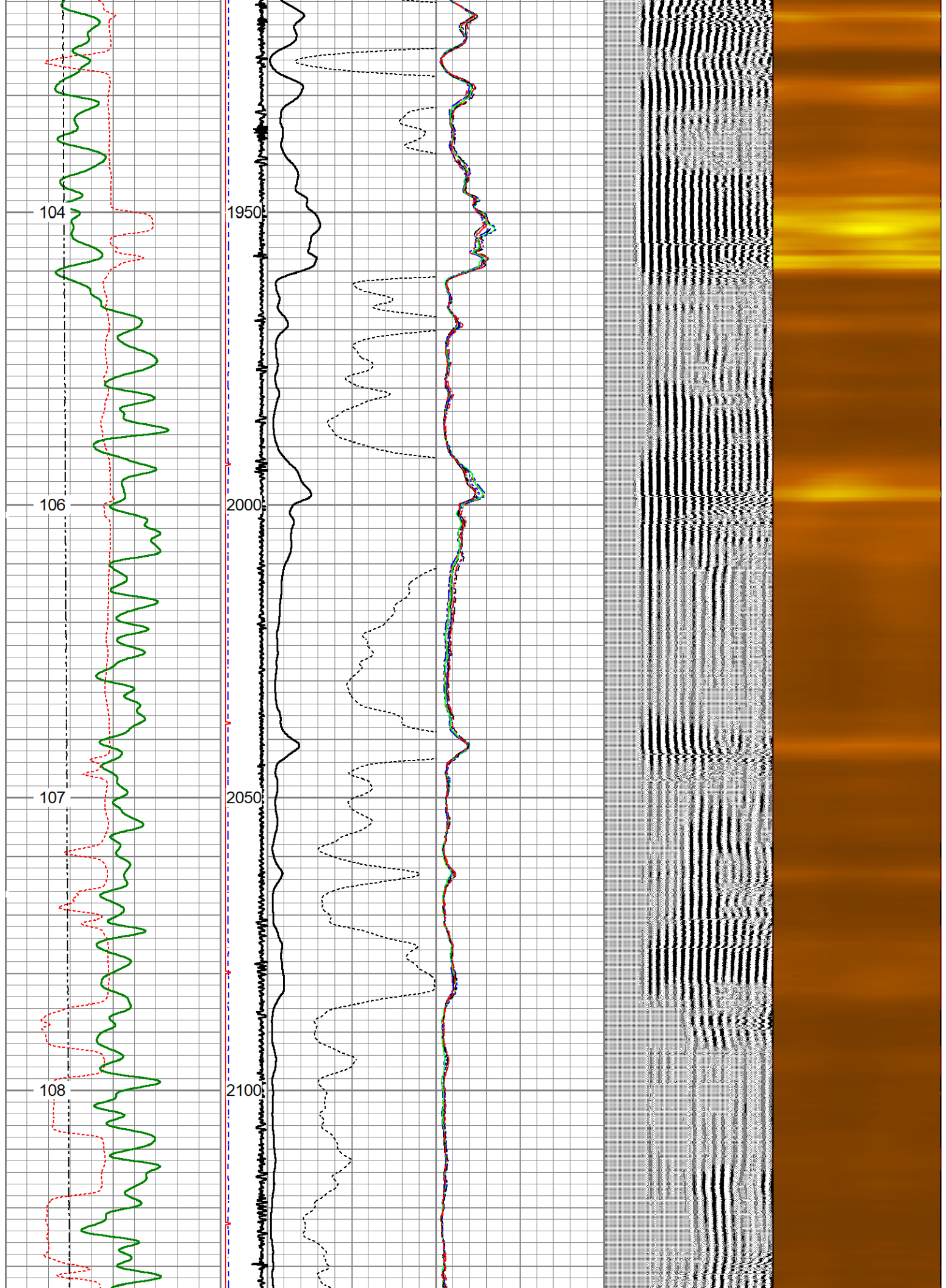


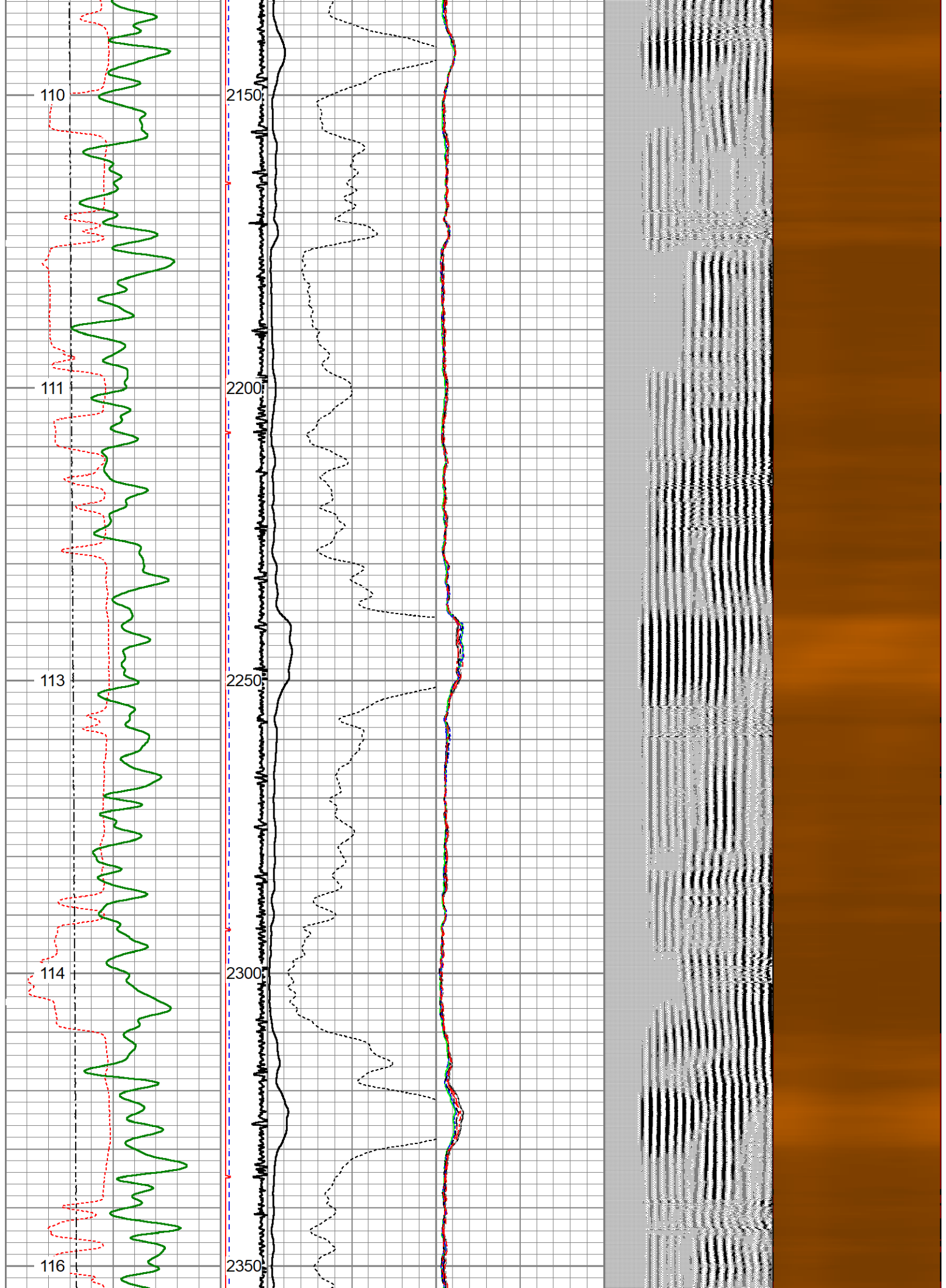


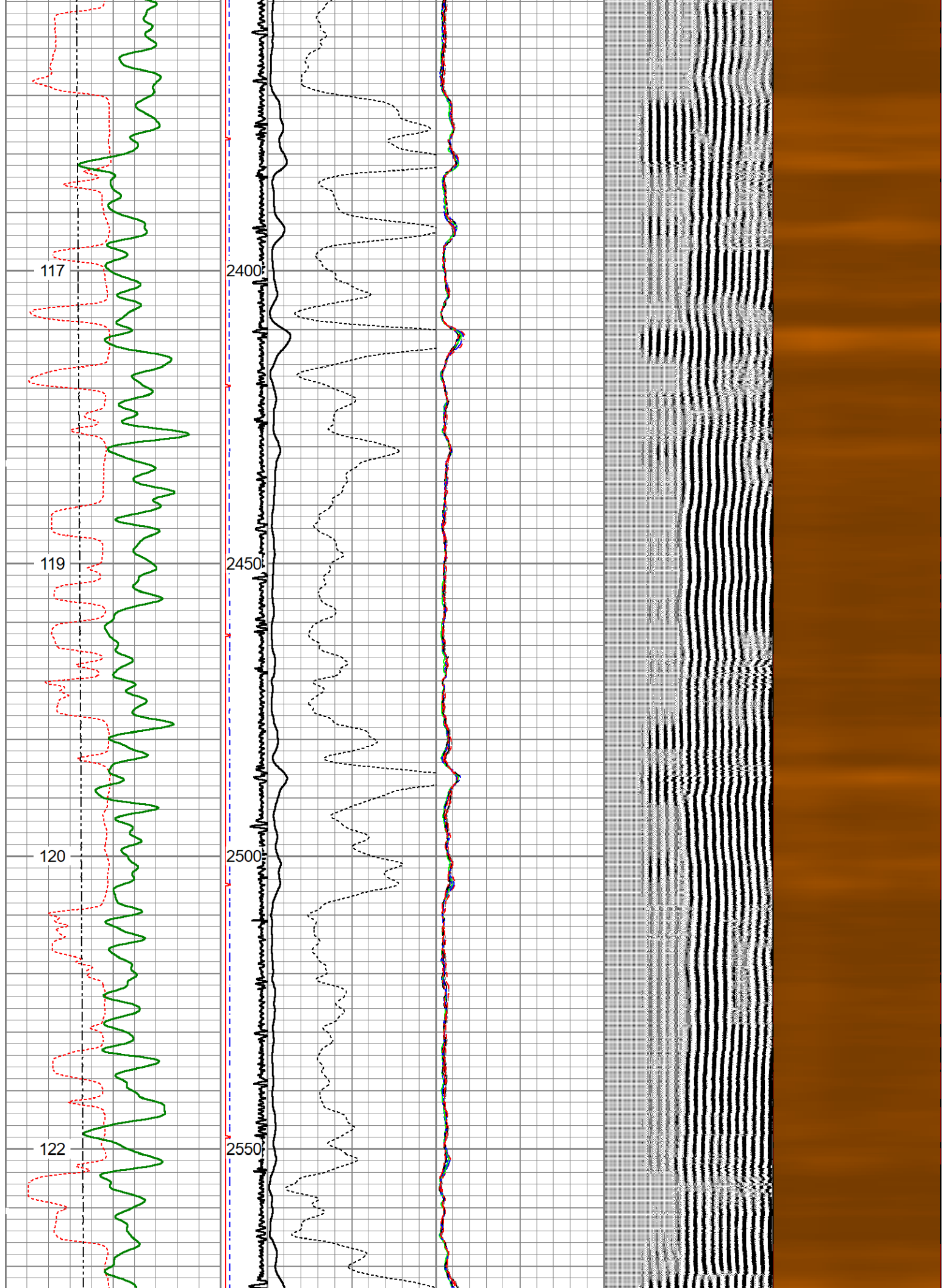


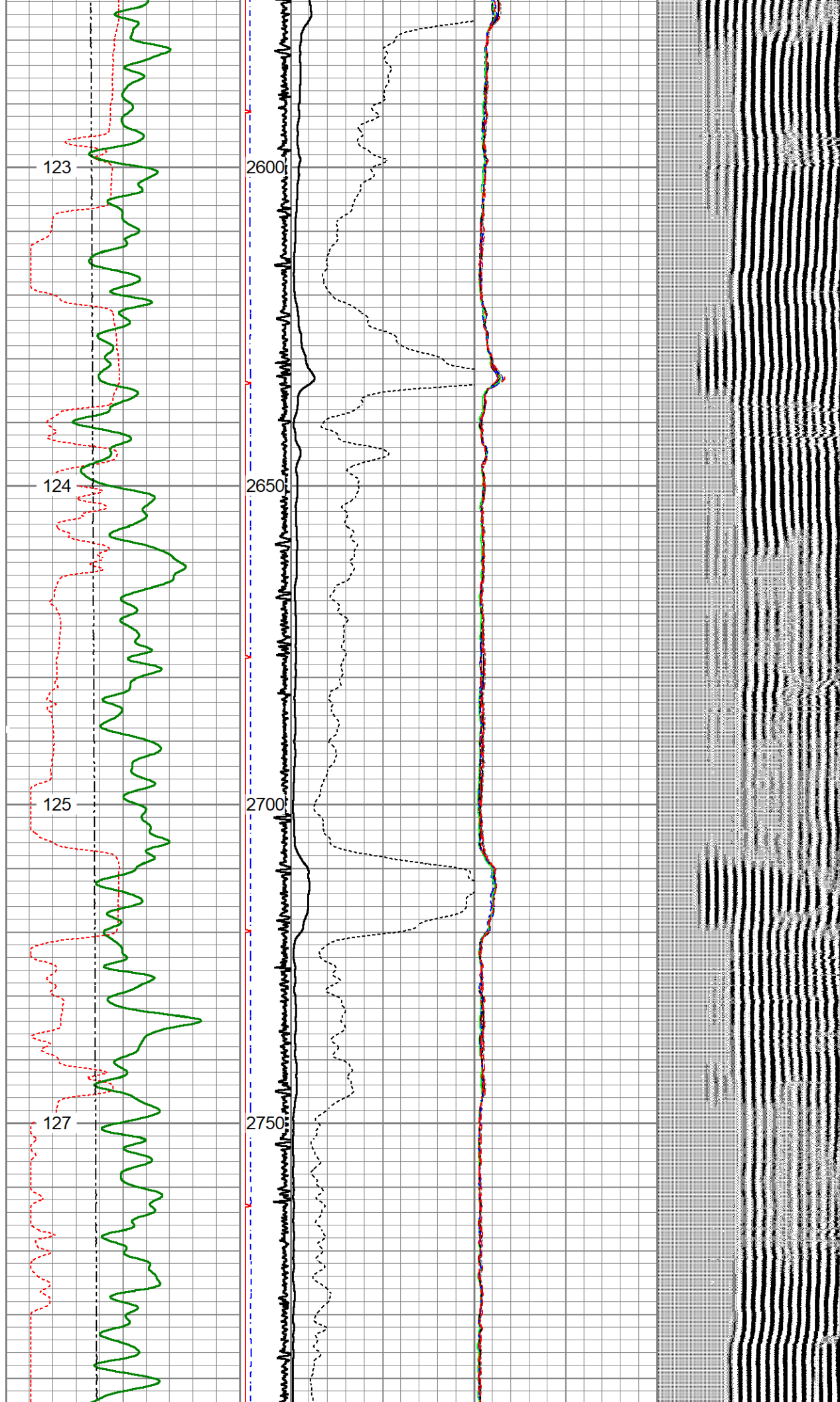


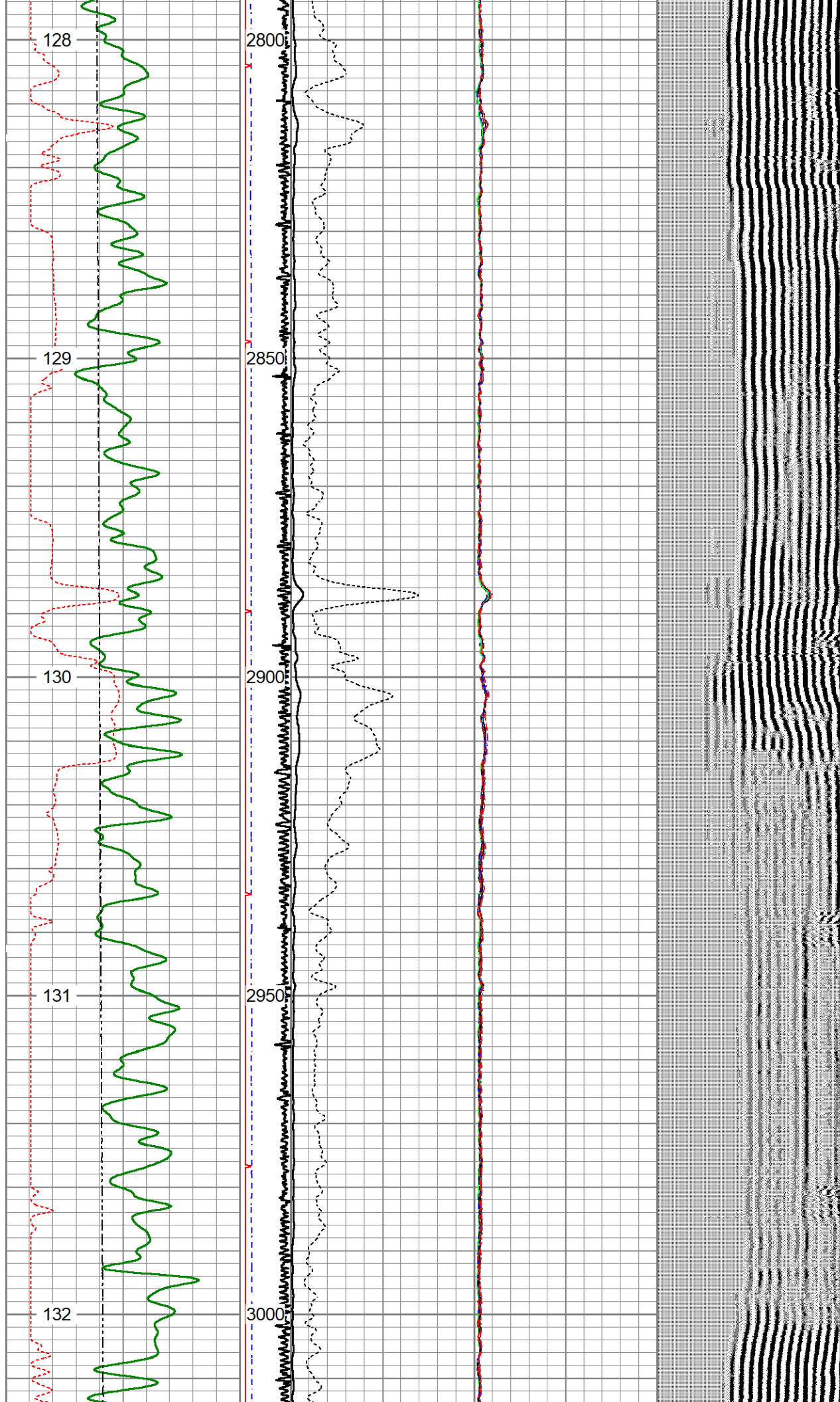


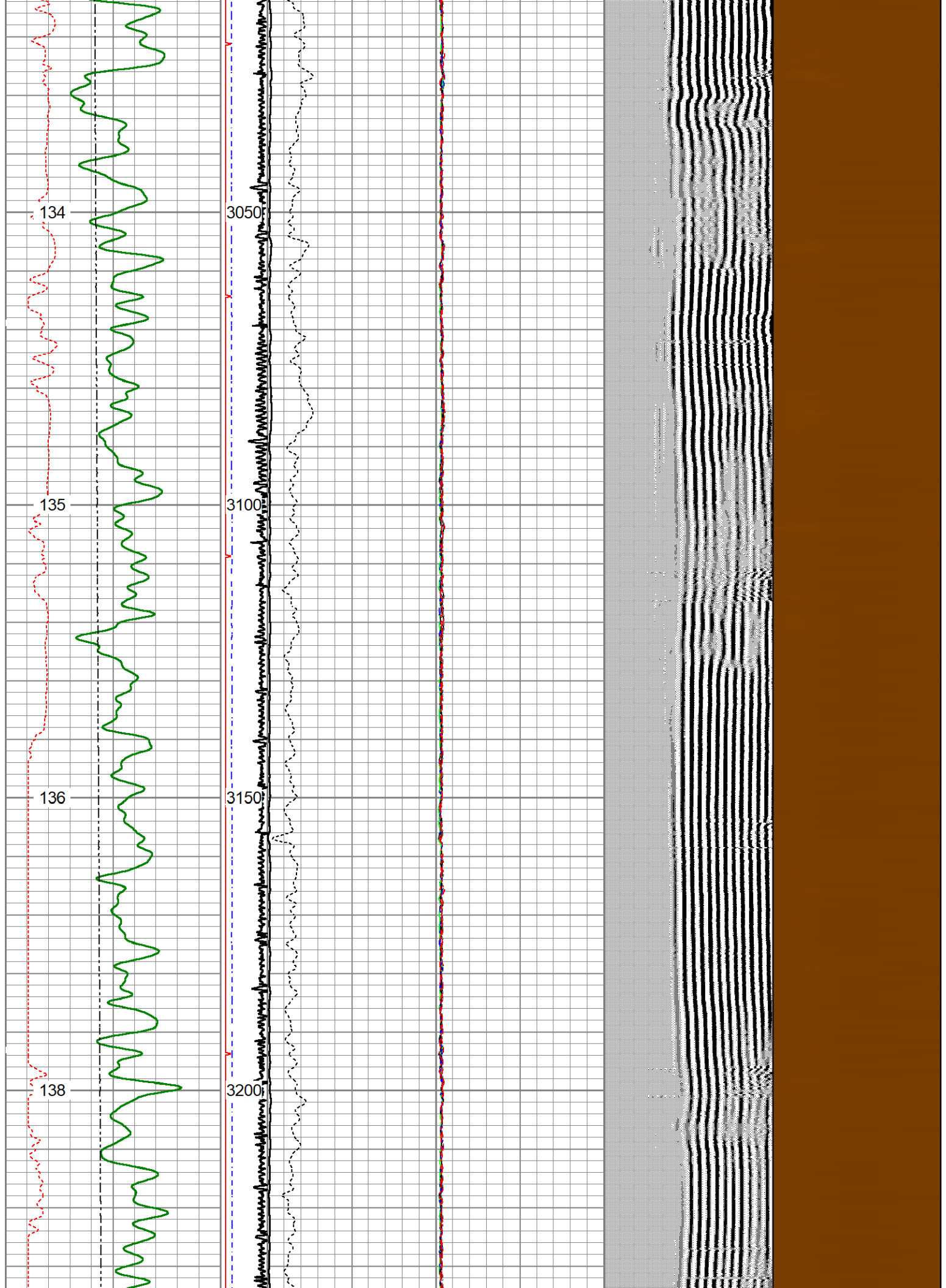


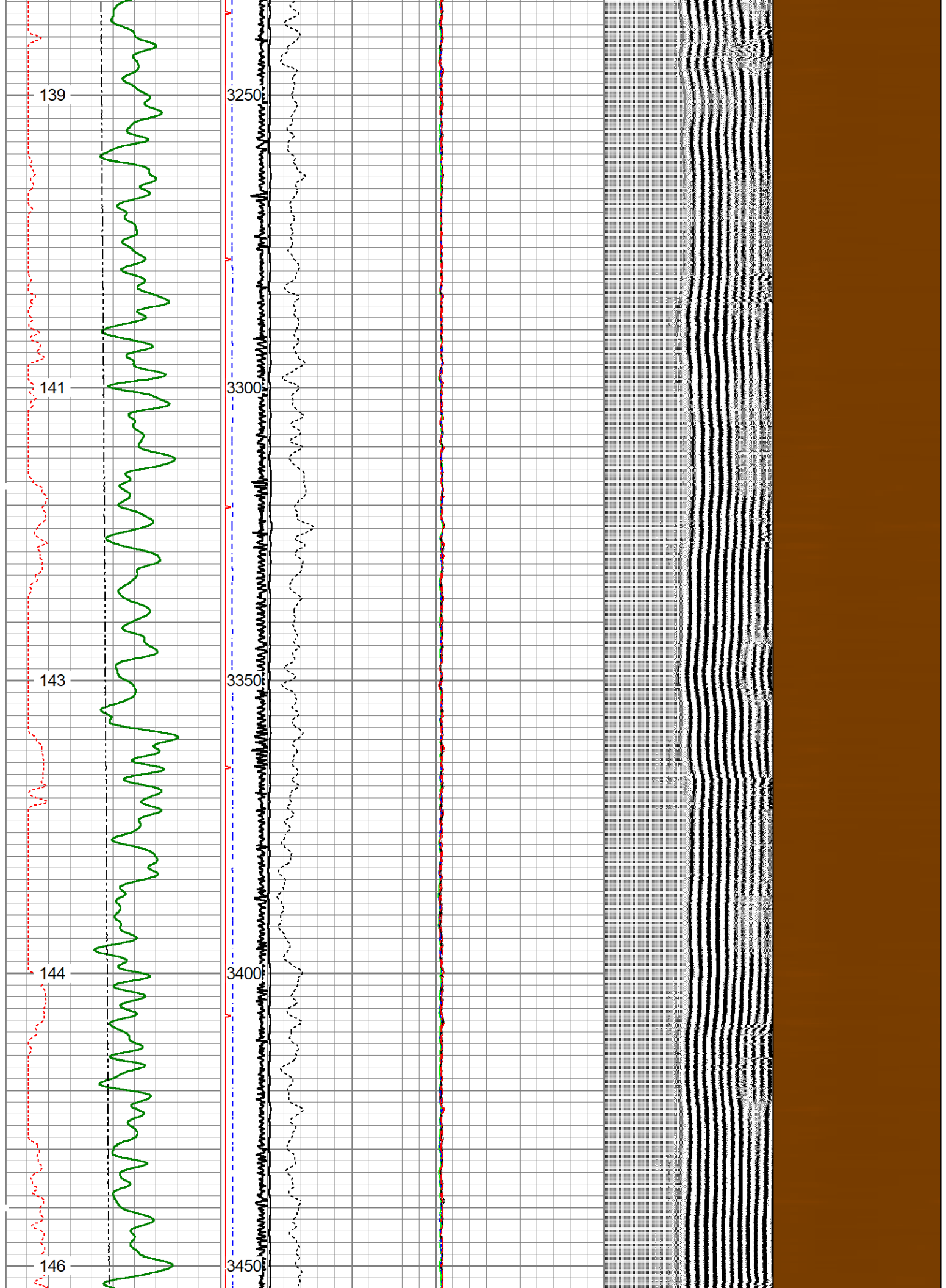


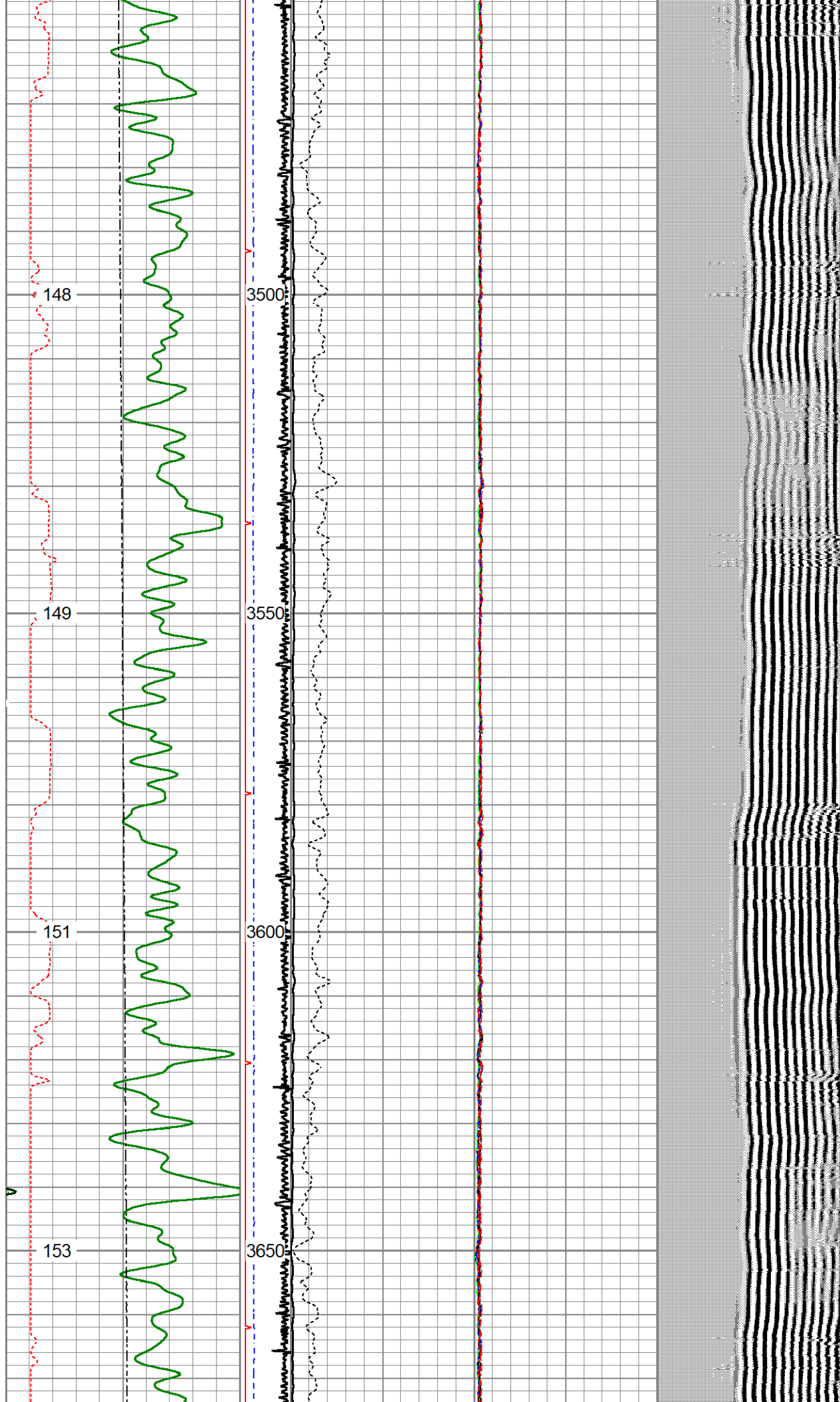


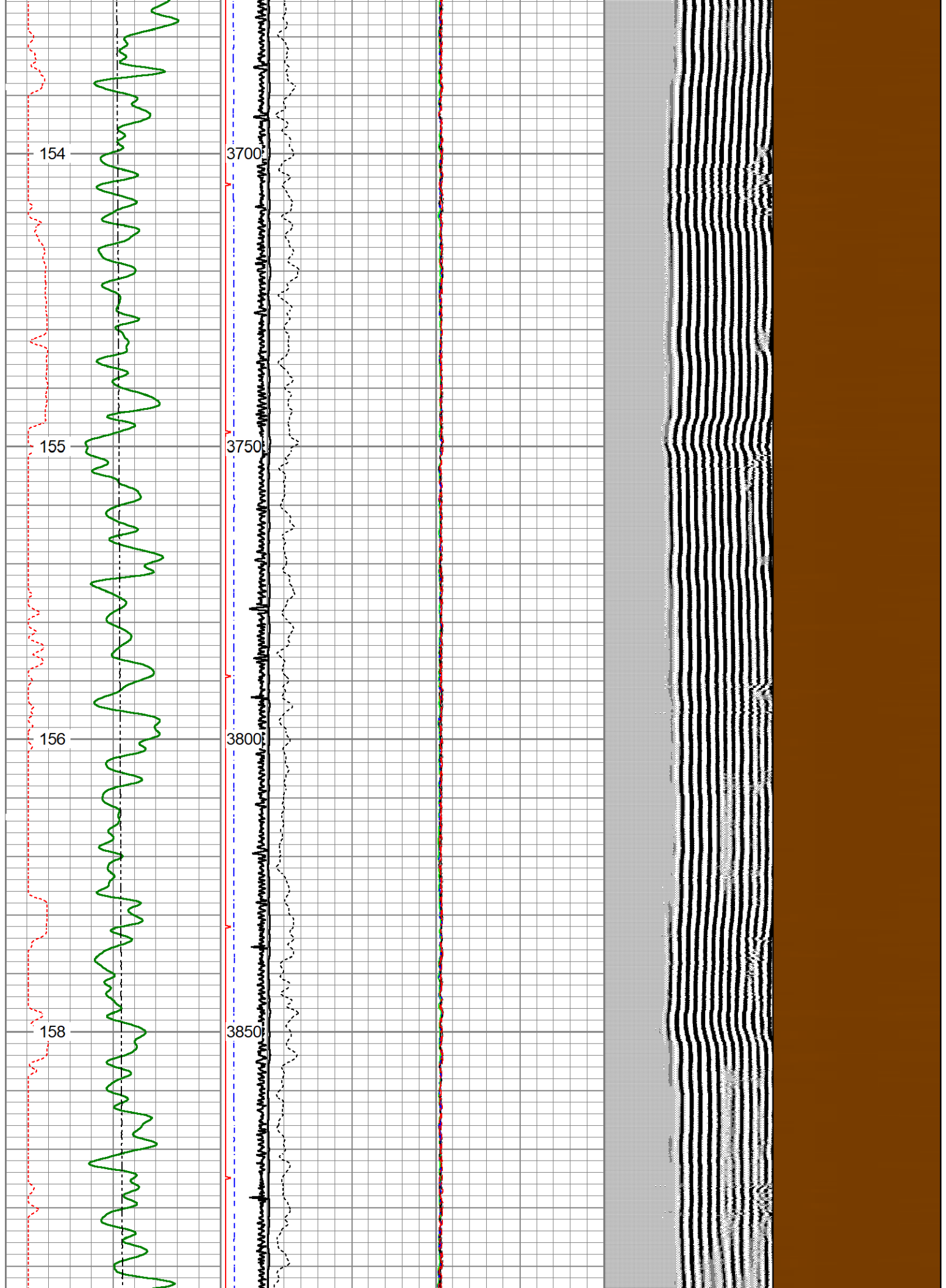


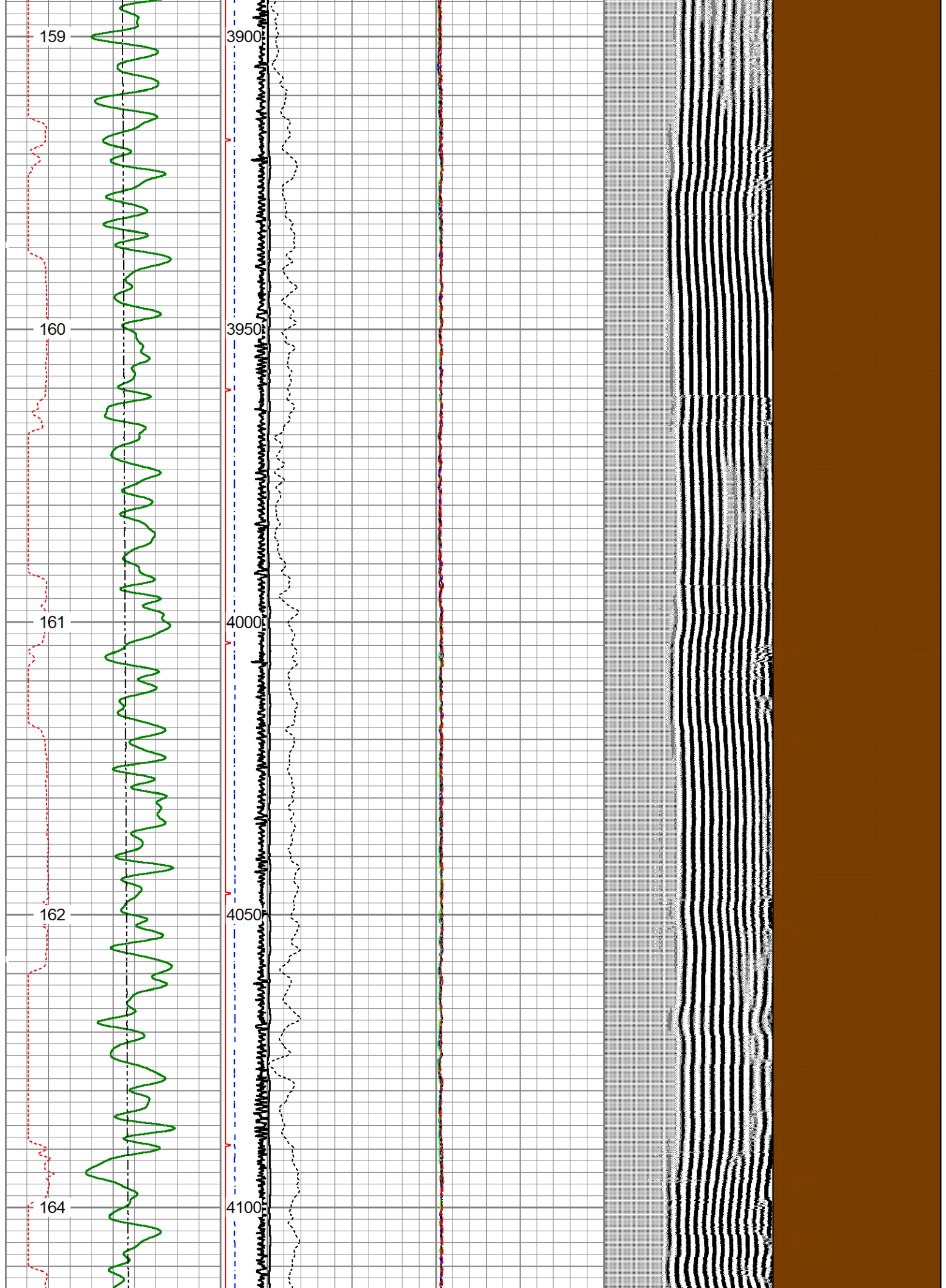


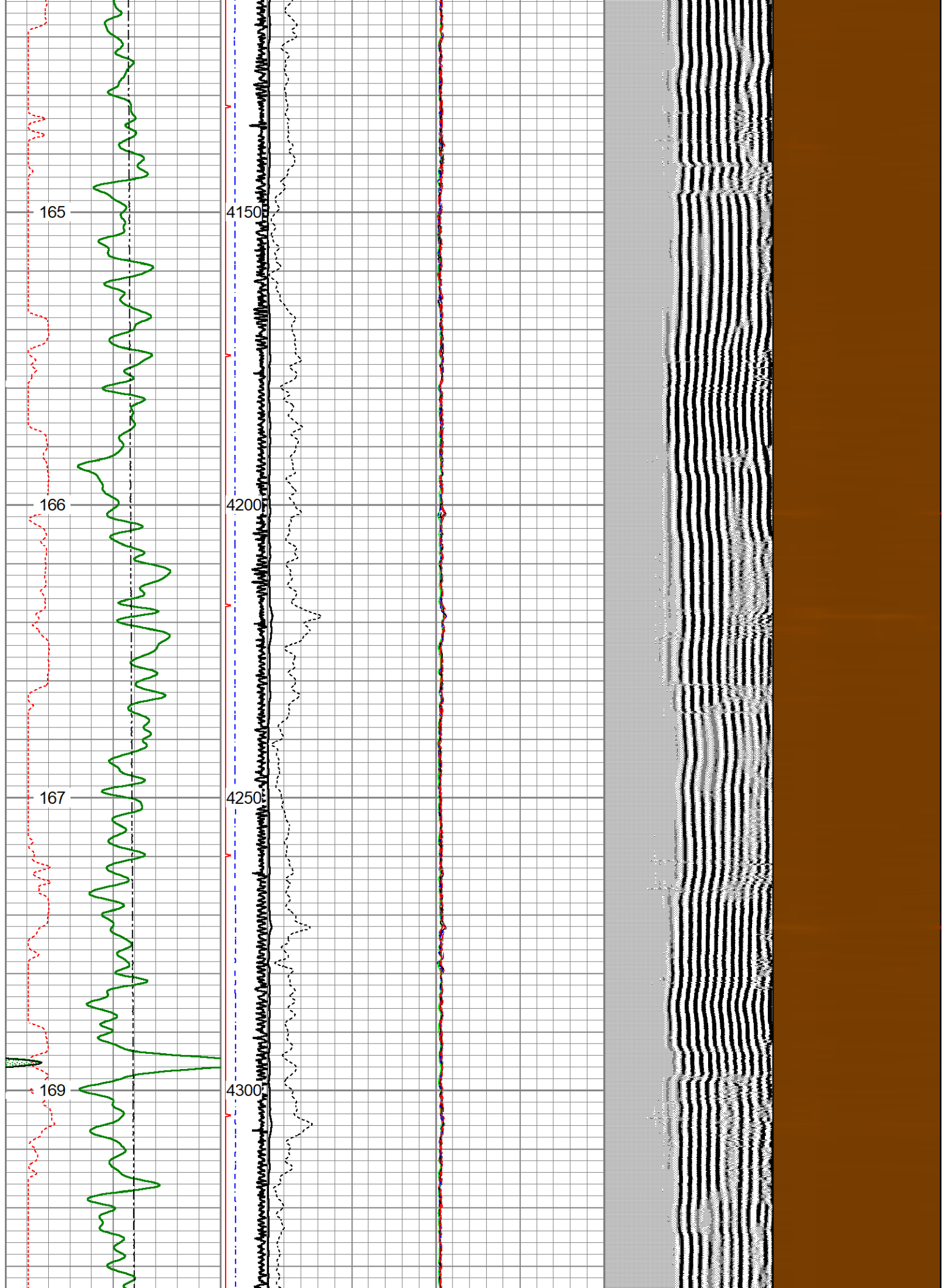






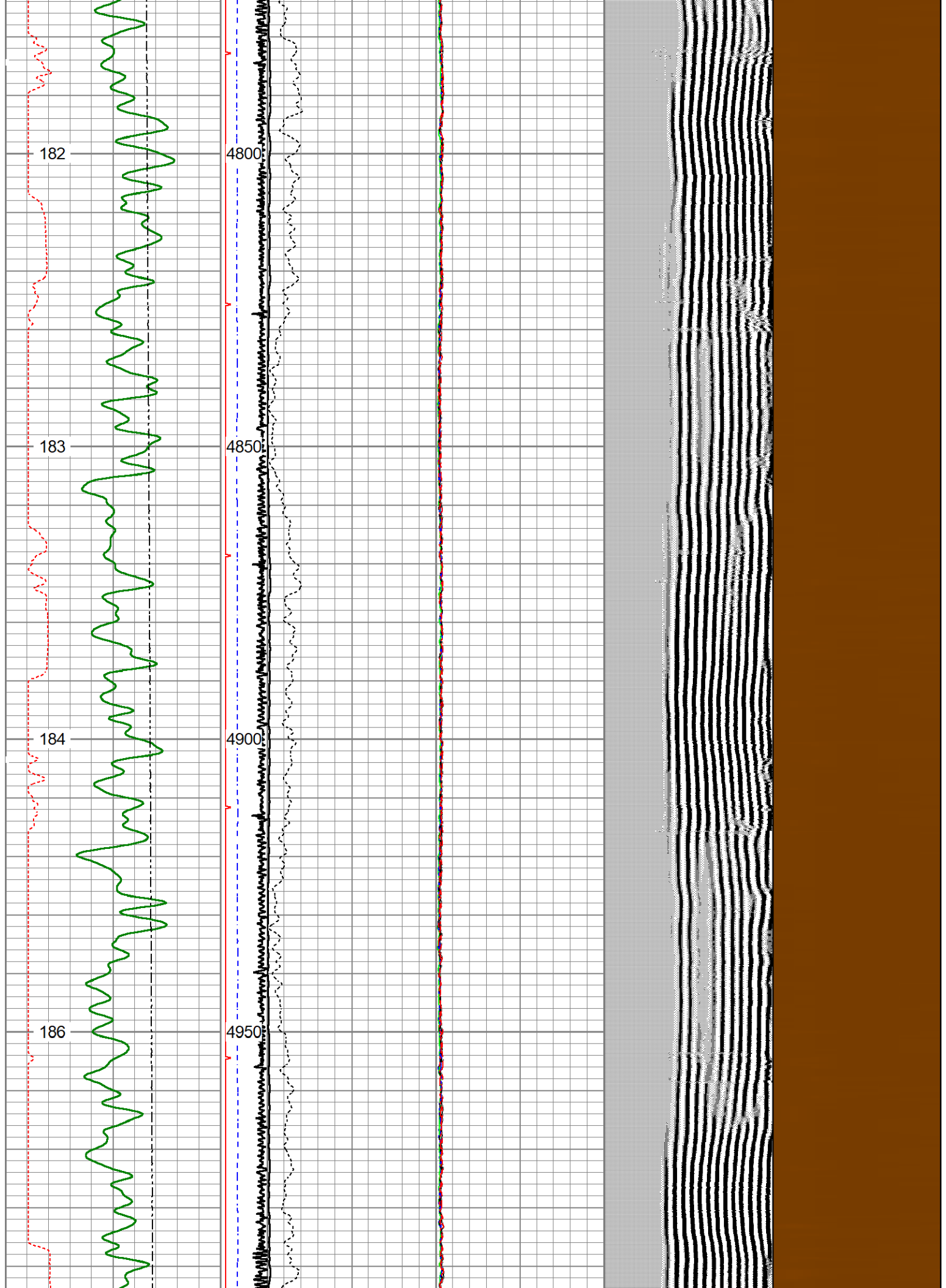






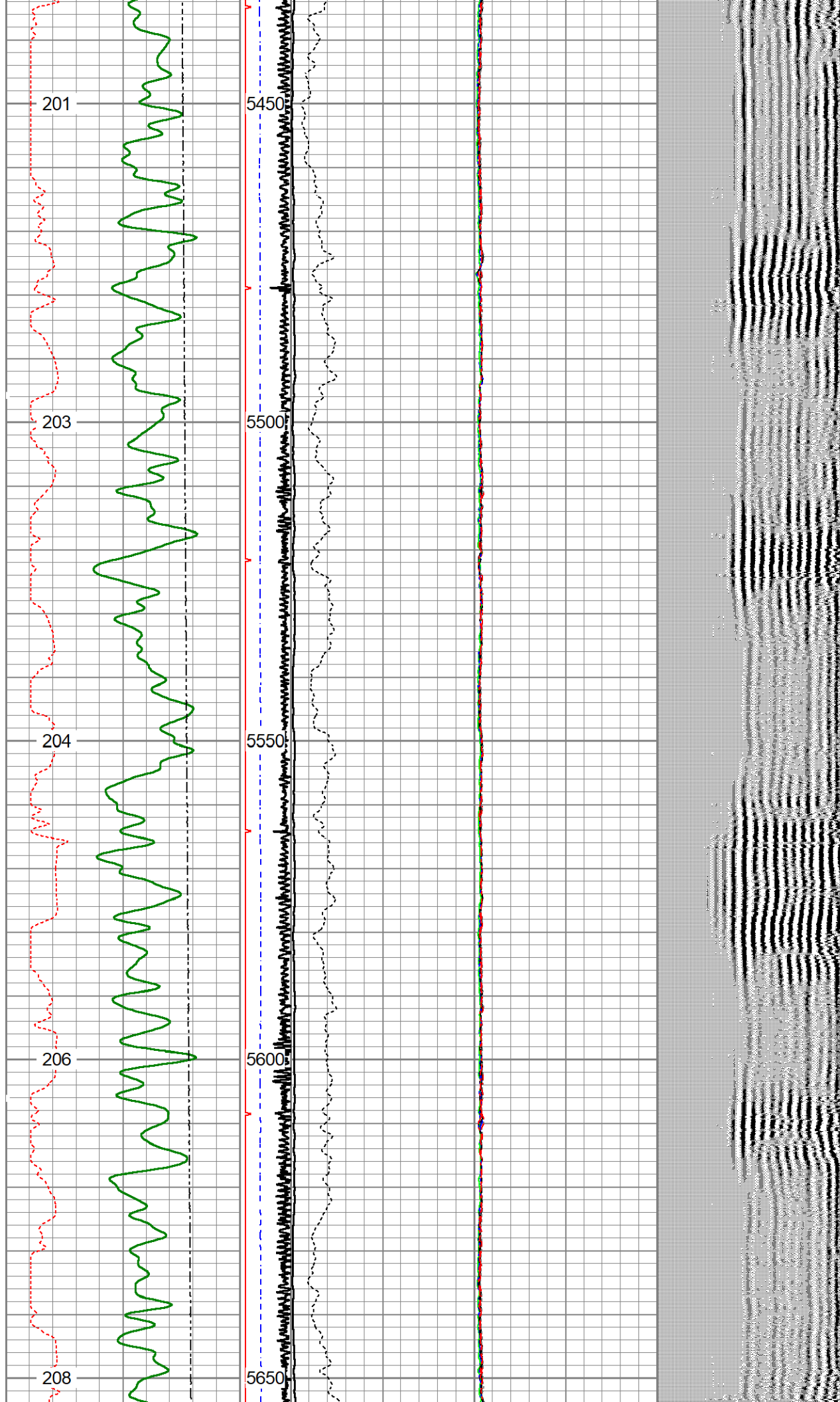


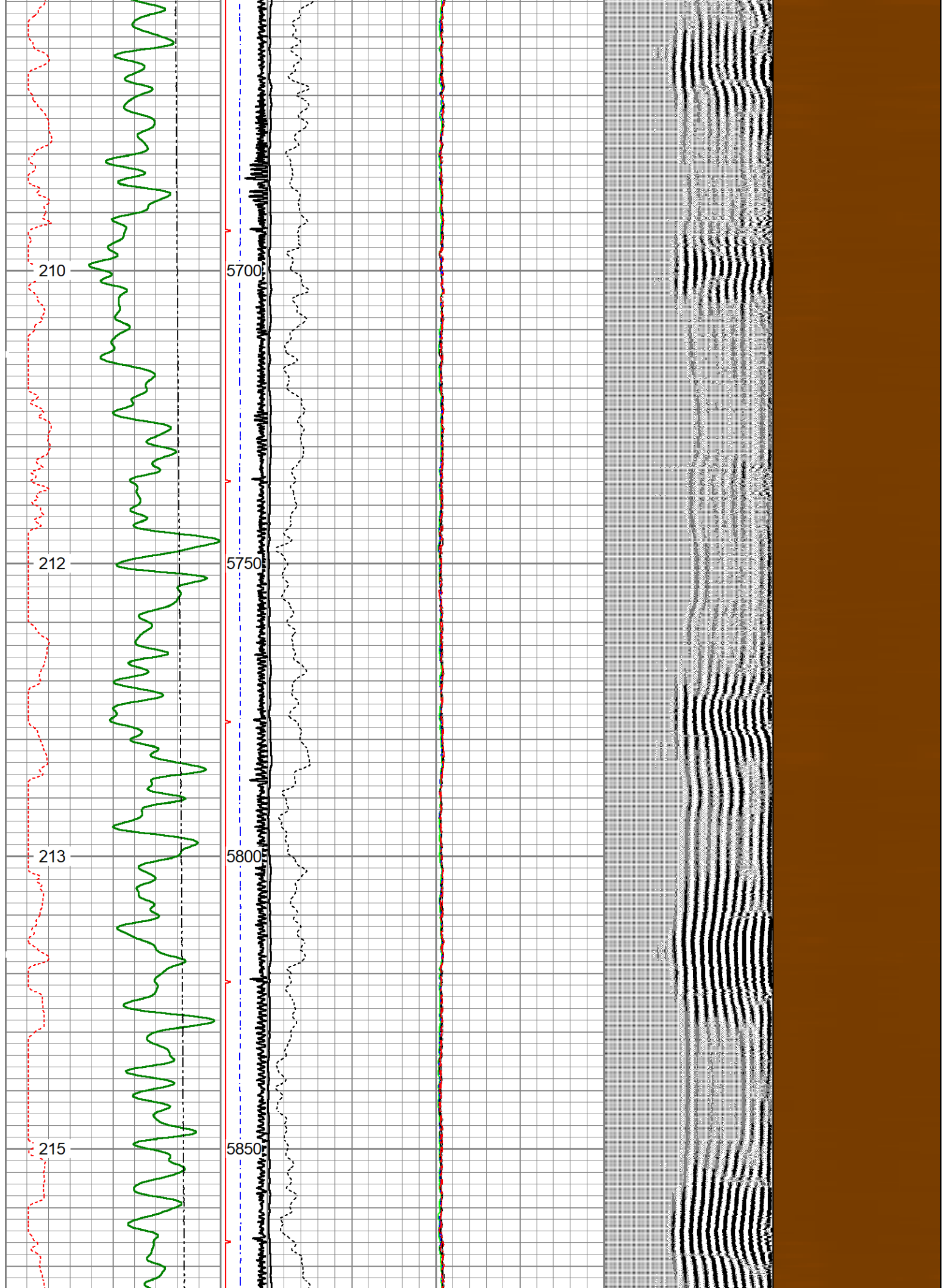


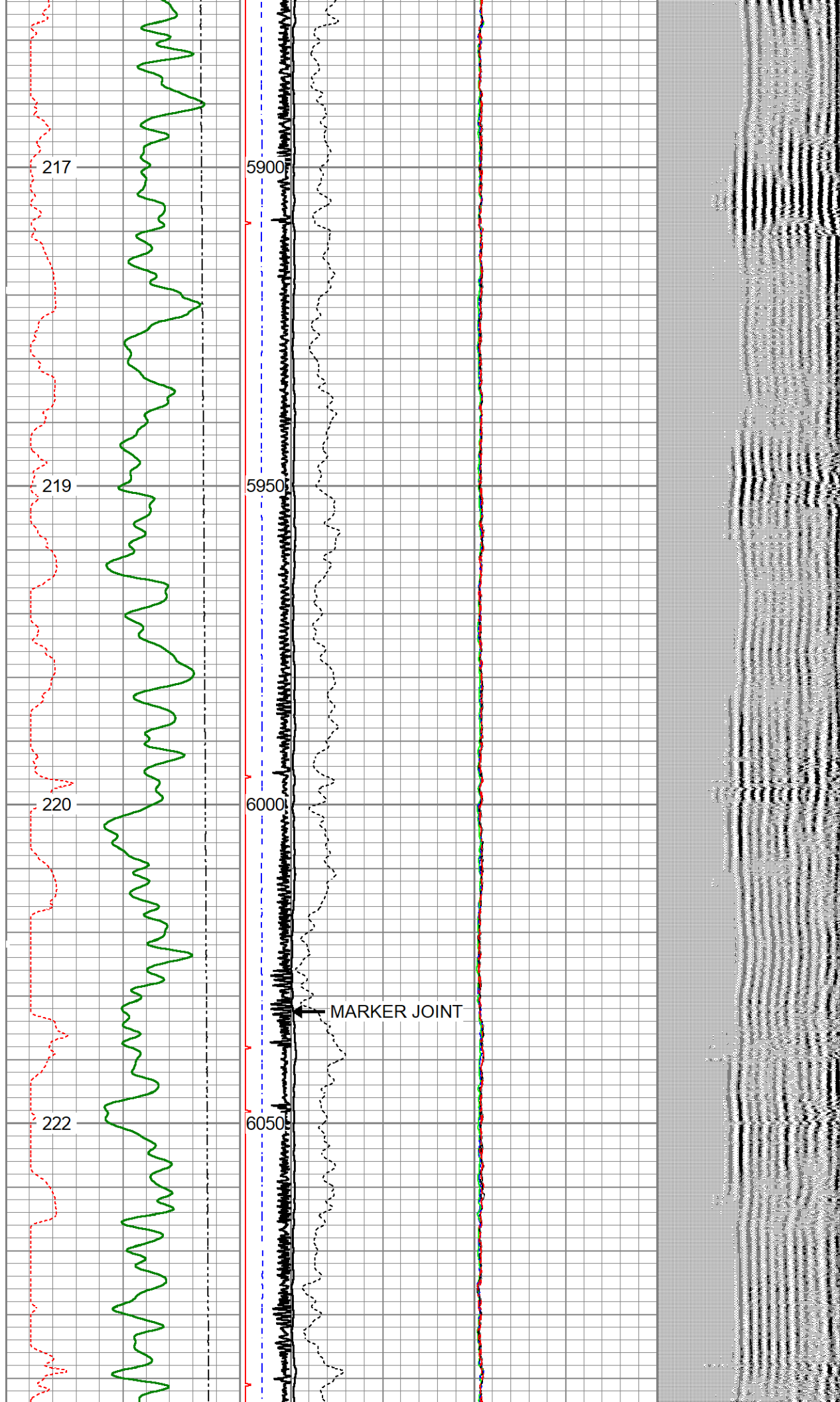


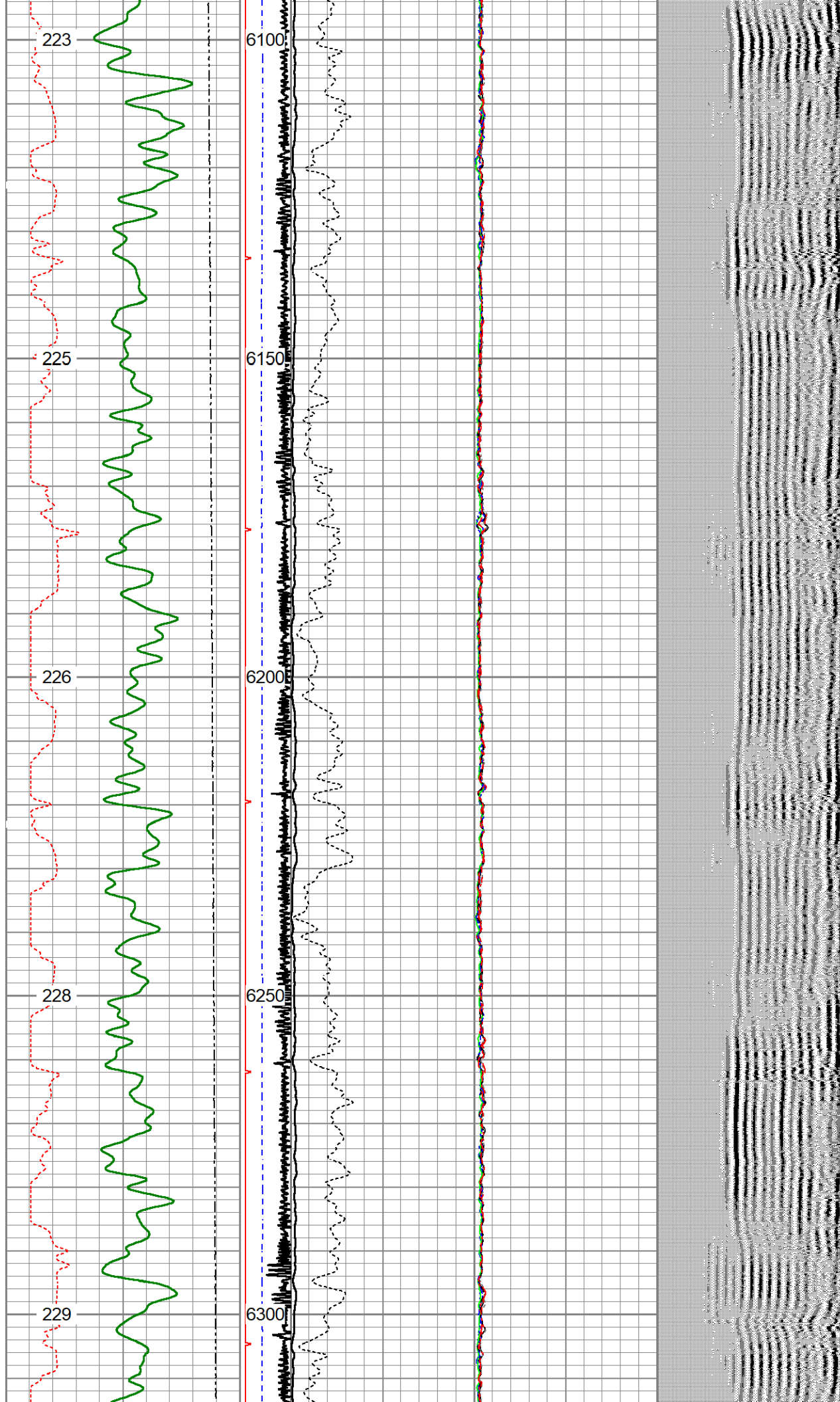


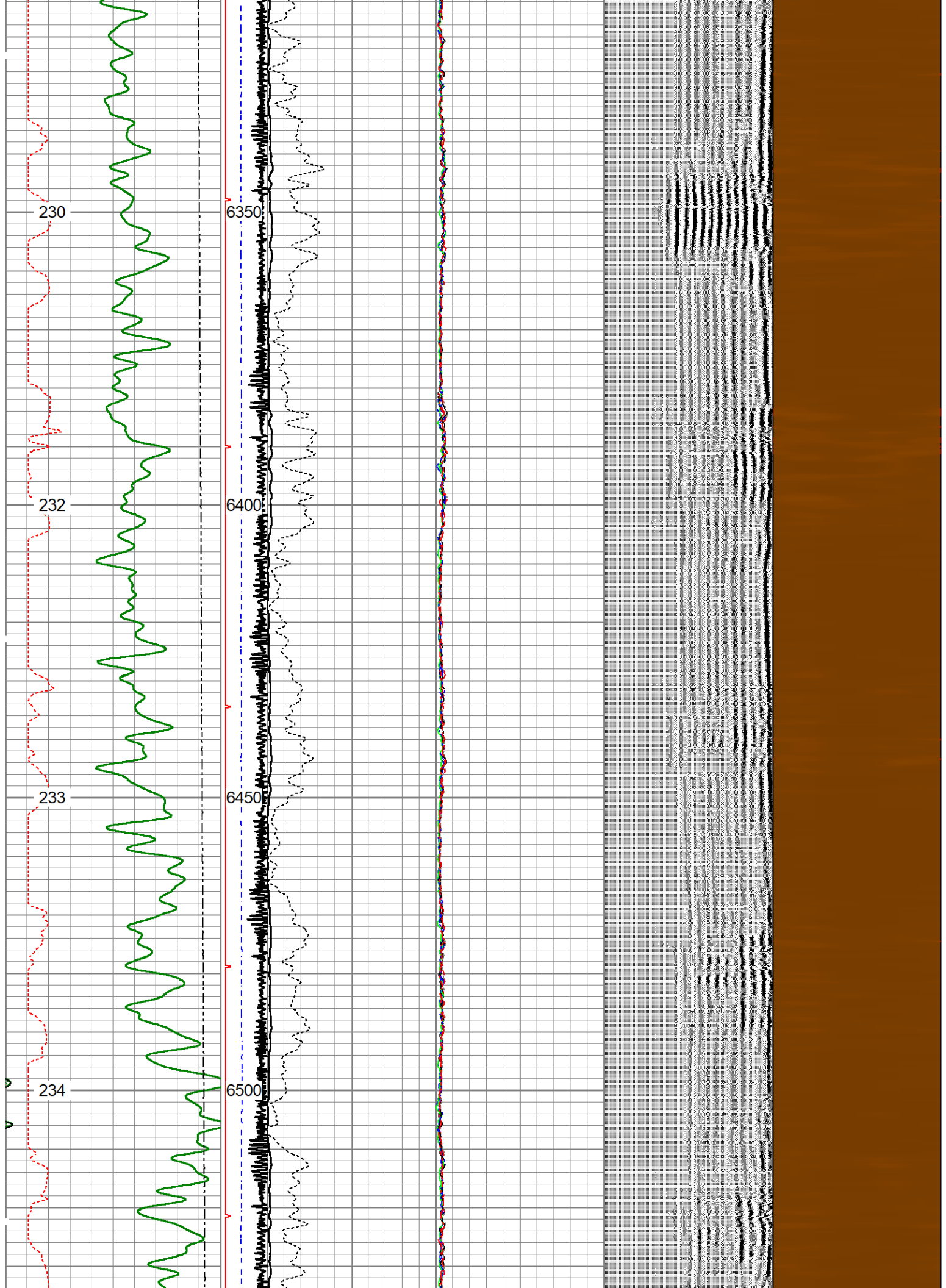


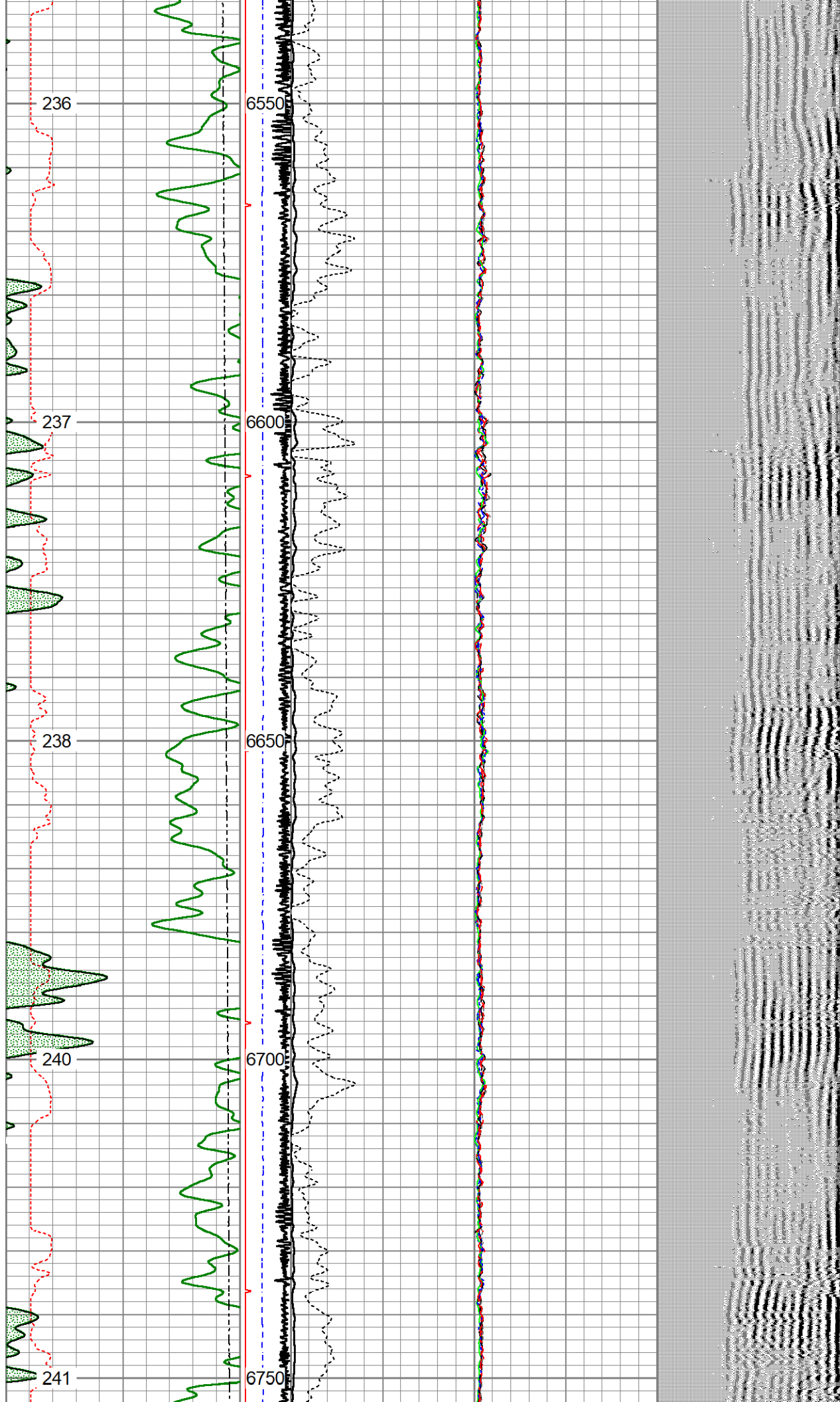


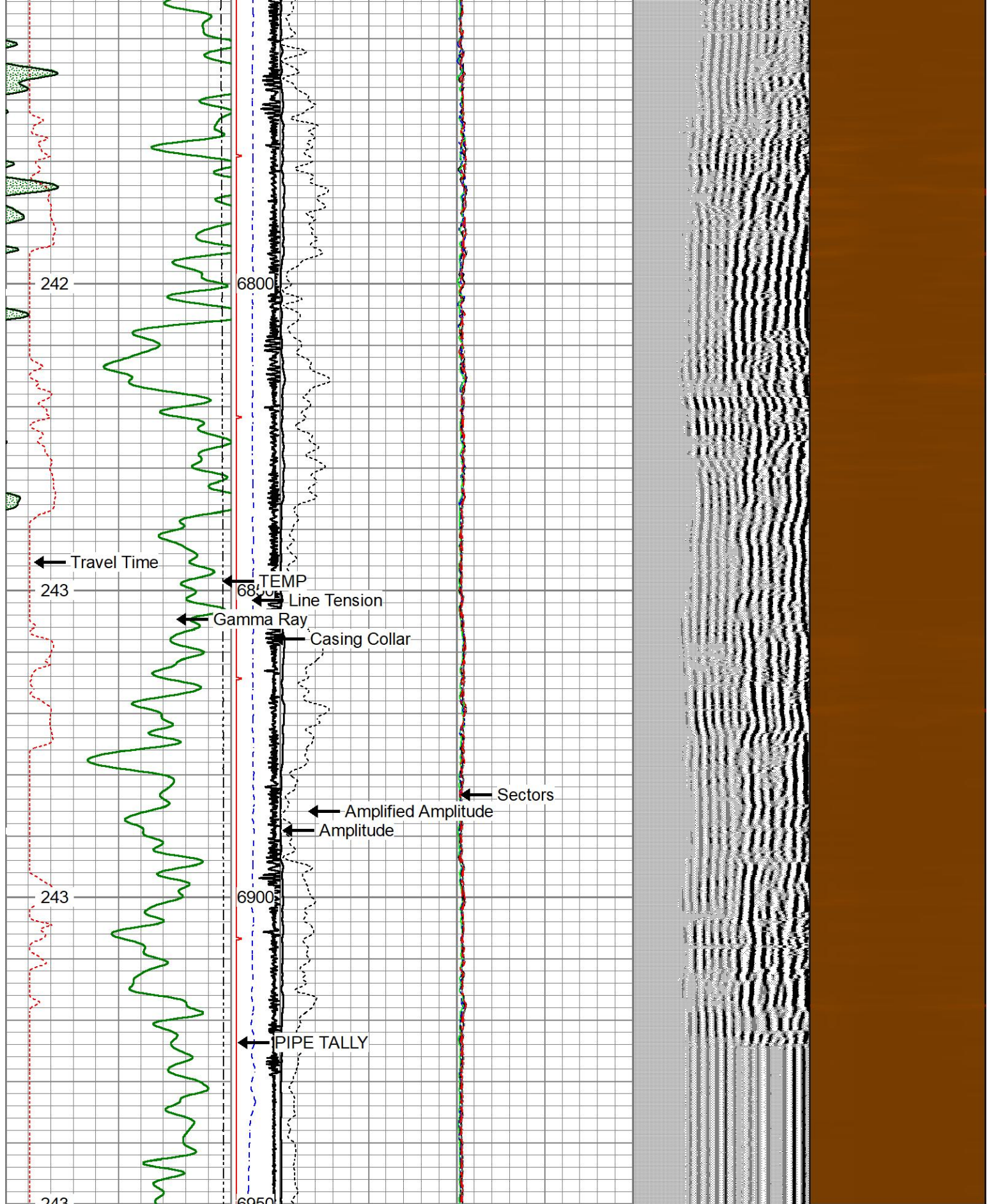












400	Travel Time (usec)	200	Casing Collar	0	Amplitude (mV)	100	-5	Sector 1	150	Variable Density	1	Cement Map	8
0	Gamma Ray (GAPI)	150	9 - 1	0	Amplified Amplitude	-5	-5	Sector 2	150	200	(usec)	1200	
50	TEMP (degF)	250	Line Tension	0	(mV)	10	-5	Sector 3	150				
TEMP			(lb)				-5	Sector 4	150				
(degF)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

PE TAL
-1 9

-5	Sector 6	150
-5	Sector 7	150
-5	Sector 8	150

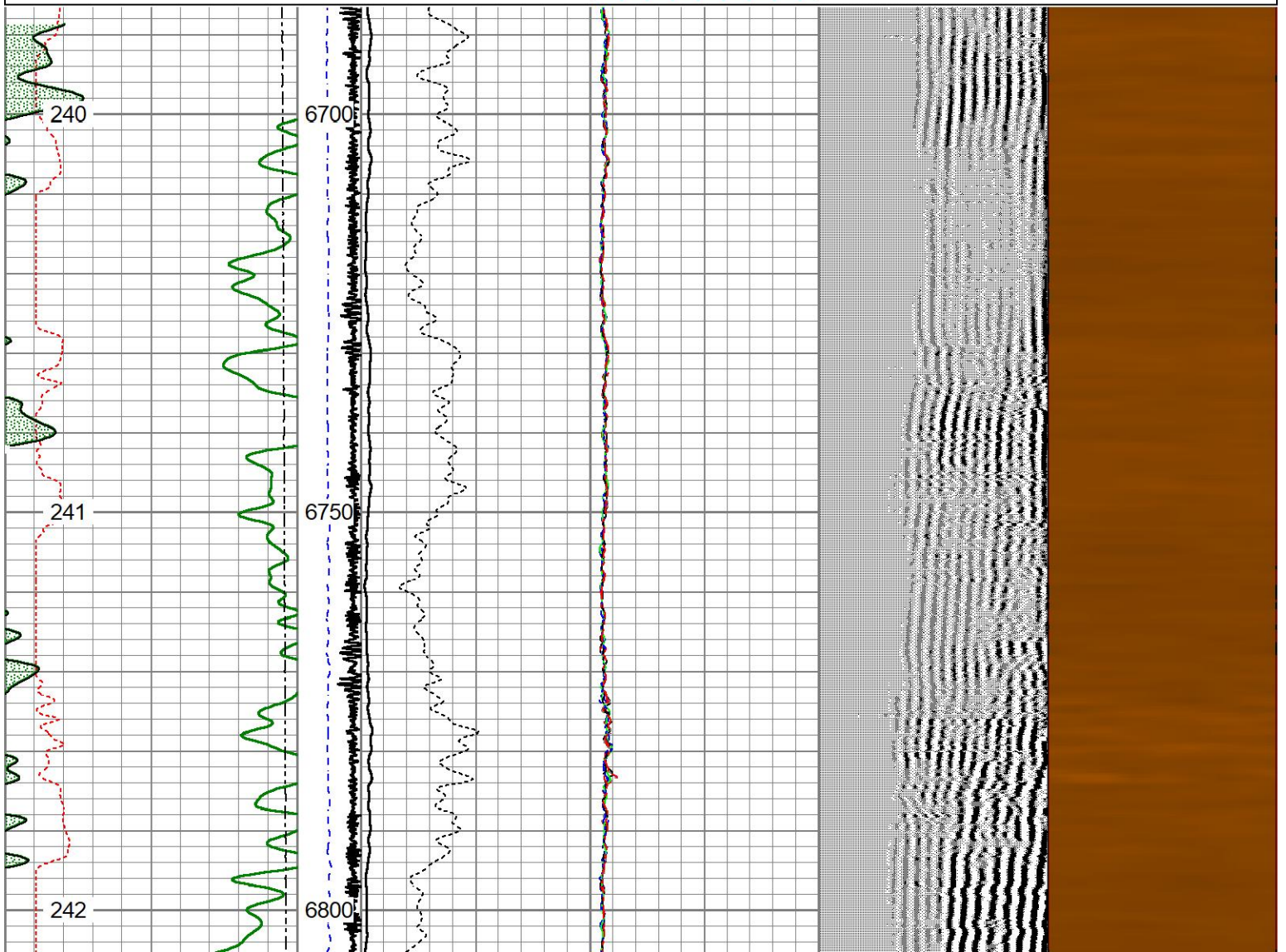


REPEAT PASS

2500 PSI

Database File guttersen d 10-745\chevron_guttersen_d_10-745_rcbl.db
Dataset Pathname REPEATPASS1
Presentation Format rcbl_hh
Dataset Creation Tue Mar 29 09:43:25 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	1 Cement Map 8
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		(lb)				-5	Sector 4	150		
(degF)		(2000				-5	Sector 5	150		
						-5	Sector 6	150		
						-5	Sector 7	150		
						-5	Sector 8	150		




Dataset Creation Tue Mar 29 09:49:20 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:		415.033		ft		
Master Calibration, performed Tue Mar 29 09:16:35 2022:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.002	0.663	1.000	71.921	106.681	1.237
CAL	-0.007	0.813				
5'	-0.006	0.598	1.000	71.921	117.349	1.722
SUM						
S1	-0.011	0.671	0.000	100.000	146.487	1.679
S2	-0.008	0.685	0.000	100.000	144.294	1.120
S3	-0.009	0.676	0.000	100.000	145.924	1.302
S4	-0.009	0.663	0.000	100.000	148.656	1.401
S5	-0.010	0.652	0.000	100.000	151.149	1.450
S6	-0.009	0.655	0.000	100.000	150.392	1.425
S7	-0.012	0.644	0.000	100.000	152.242	1.899
S8	-0.015	0.645	0.000	100.000	151.387	2.282
Internal Reference Calibration, performed (Not Performed):						
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.007	0.813	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
WVFS8	10.65		RBT-Probe 2.75 Radii W/Temp (FW1306-47) Probe 2.75" Radial with Integral Temperature Sub	9.21	2.75	90.00
WVFS7	10.65					
WVFS6	10.65					
WVFS5	10.65					
WVFS4	10.65					
WVFS3	10.65					
WVFS2	10.65					
WVFS1	10.65					
WVFCAL	10.65					
WV3FT	10.65					
WV5FT	9.65					
HeadVolt	6.40					
CCL	5.44					

GR	1.42		GR-Probe275dig (080830) HT Probe 2 3/4" Gamma CCL	6.40	2.75	57.00
		Dataset: chevron_guttersen_d_10-745_rcbl.db: field/well/run/CBL6 Total length: 16.60 ft Total weight: 152.00 lb O.D.: 2.75 in				

	Company	CHEVRON
	Well	GUTTERSEN D10-745
	Field	WATTENBERG
	County	WELD
	State	COLORADO Country USA