



RADIAL CEMENT  
BOND LOG

Company	CONFLUENCE	Company	CONFLUENCE
Well	70 RANCH 10-15-3L	Well	70 RANCH 10-15-3L
Field	WATTENBERG	Field	WATTENBERG
County	WELD	County	WELD
State	COLORADO	State	COLORADO
Location:		API # : 05-123-47594	Other Services
SEC 3 TWP 4N RGE 63W		SW SW	NONE
Permanent Datum	GROUND LEVEL	Elevation	4597'
Log Measured From	KELLY BUSHING = 23'	K.B. 4620'	
Drilling Measured From	KELLY BUSHING	D.F. 4619'	
		G.L. 4597'	

Date	15 AUGUST 2019
Run Number	ONE
Depth Driller	16432'
Depth Logger	6515'
Bottom Logged Interval	6515'
Top Log Interval	SURFACE
Open Hole Size	8.5"
Type Fluid	WATER
Density / Viscosity	~8.3#
Max. Recorded Temp.	223 DEG F
Estimated Cement Top	5770'
Time Well Ready	ROA
Time Logger on Bottom	1045
Equipment Number	W-060
Location	WINDSOR, CO
Recorded By	T. HAWLEY
Witnessed By	JUSTIN GALE

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
1	13.5"	0'	1550'				
2	8.5"	1550'	16462'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9.625" / J-55 LTC	36#	0'	1541'
Prot. String				
Production String	5.5" / P-110 CYHP	20#	0'	16444'
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

THANK YOU FOR USING CUTTERS WIRELINE

LOG RAN UNDER 0PSI

LOG ZEROED AT GROUND LEVEL, ADJUSTING +22' FOR MARKER JOINT AT 5861'-5883'

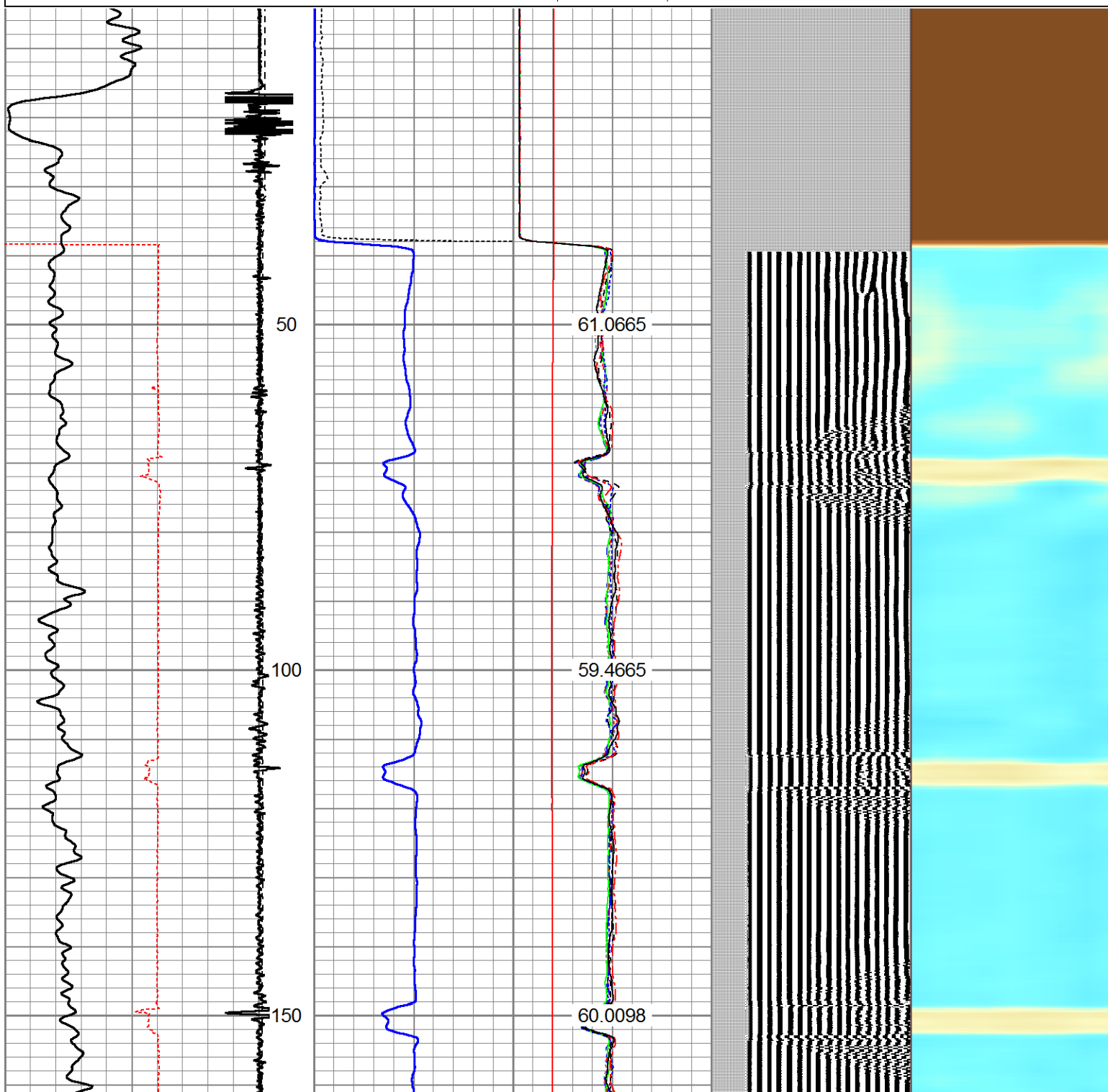
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			1.4375CHD Titan Cable Head 1 7/16	1.00	1.44	10.00

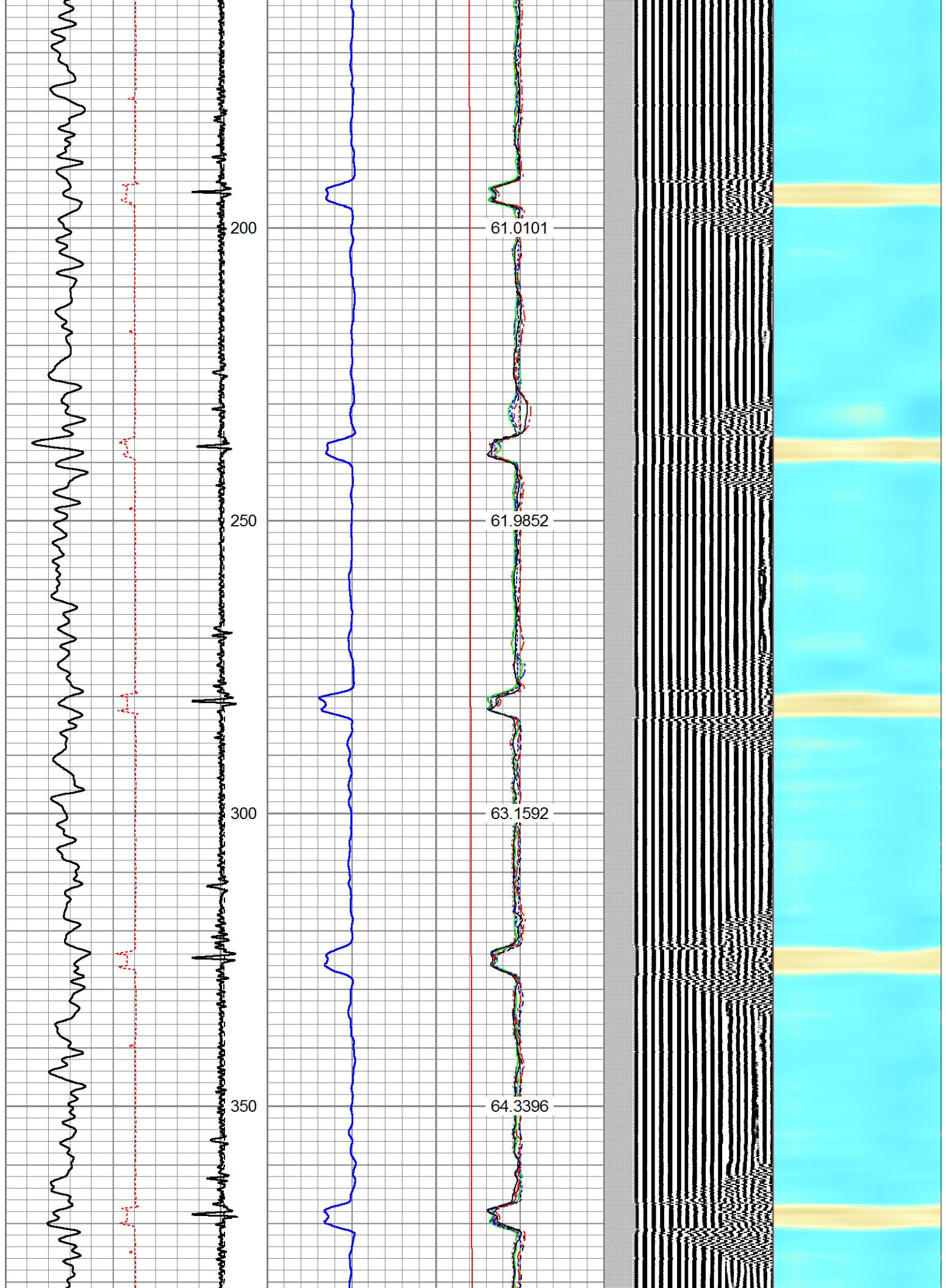

Database File: 70 ranch 10-15-4l.db  
 Dataset Pathname: pass7  
 Presentation Format: rbl55  
 Dataset Creation: Thu Aug 15 10:43:57 2019 by Log 7.0 B1  
 Charted by: Depth in Feet scaled 1:240

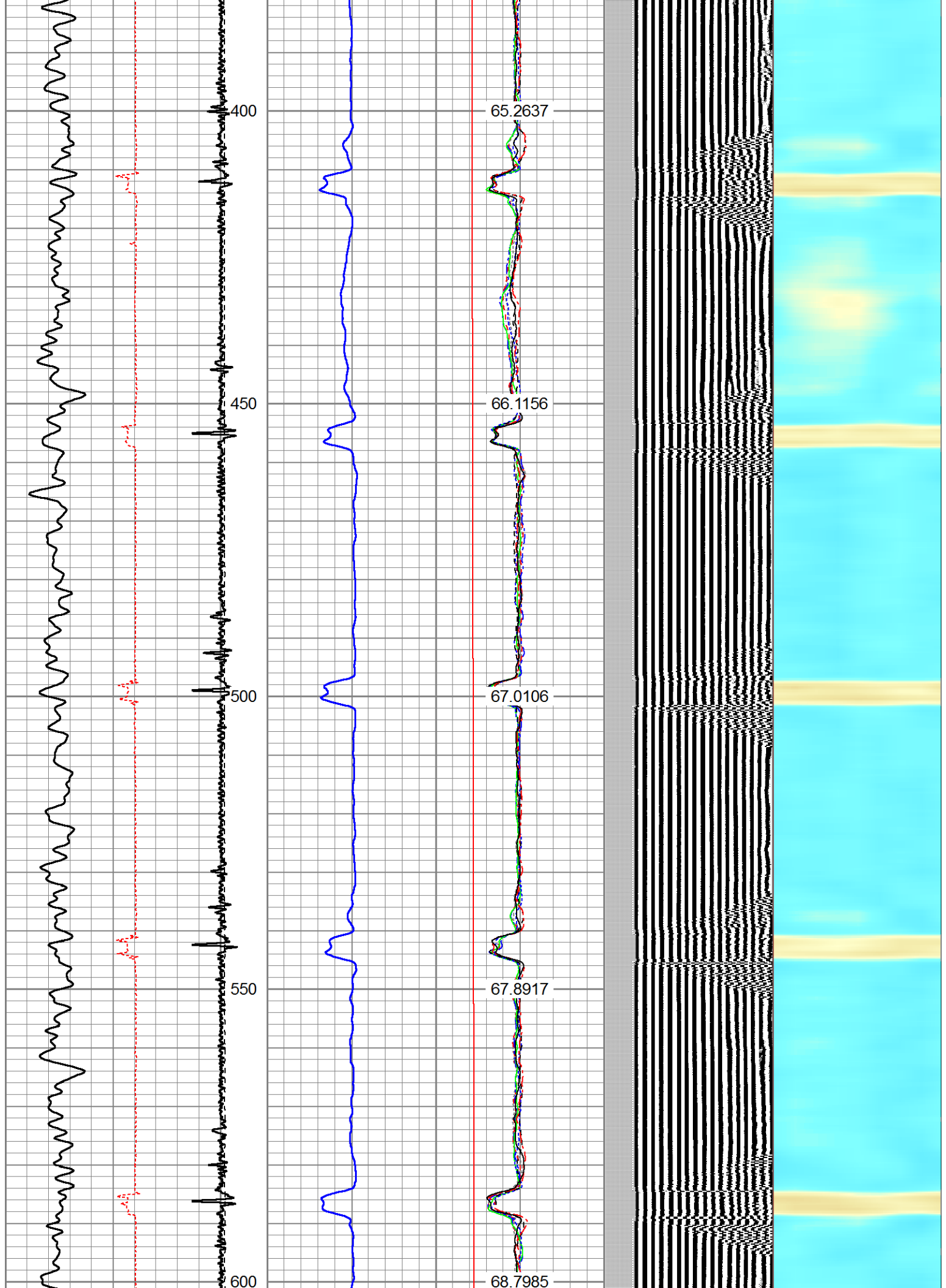
Charted by:

Depth in Feet scaled 1.240

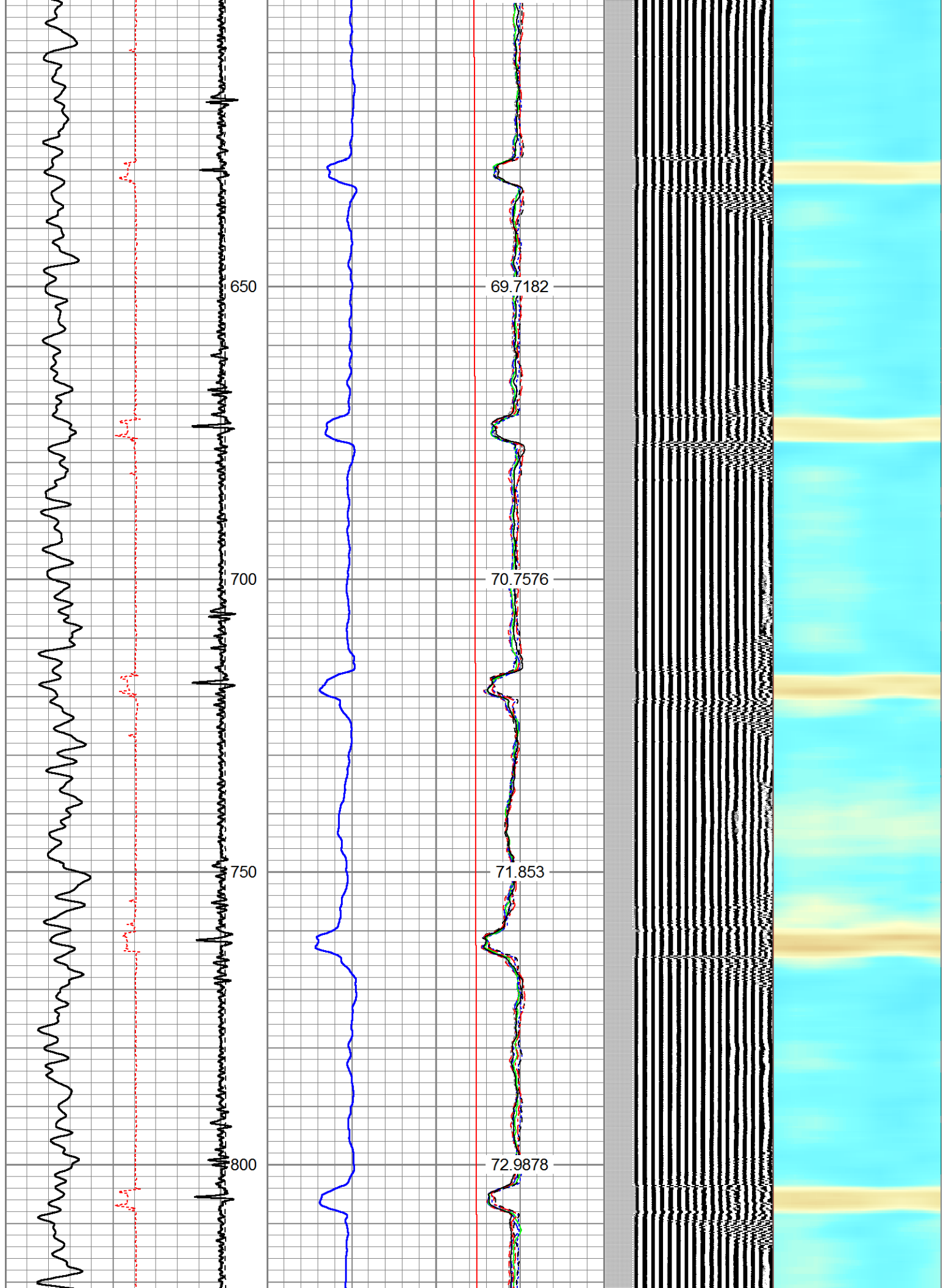
325	TT (usec)	225	LTEN	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL	1200	Cement Map	1	100
0	GR (GAPI)	200	(lb)	0	Amplified Amplitude	(mV)	10	-5	AMPS3	150					
			CCL	000				-5	AMPS4	150					
								-5	AMPS5	150					
								-5	AMPS6	150					
								-5	AMPS7	150					
								-5	AMPS8	150					
								-5	AMPS1	150					
									GCT_Temp						
									(degF)	300					
									GCT_Temp						
									(degF)						

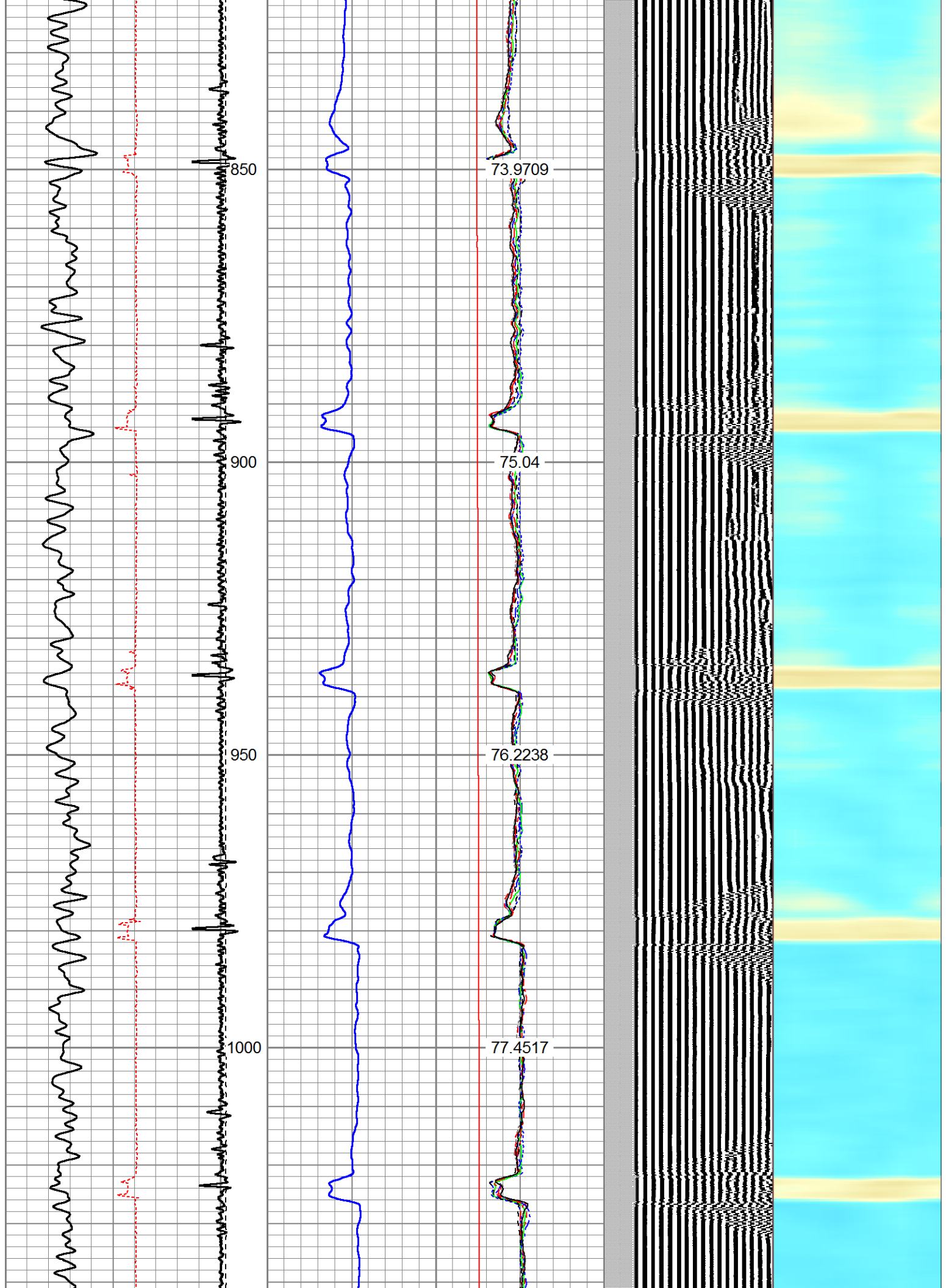


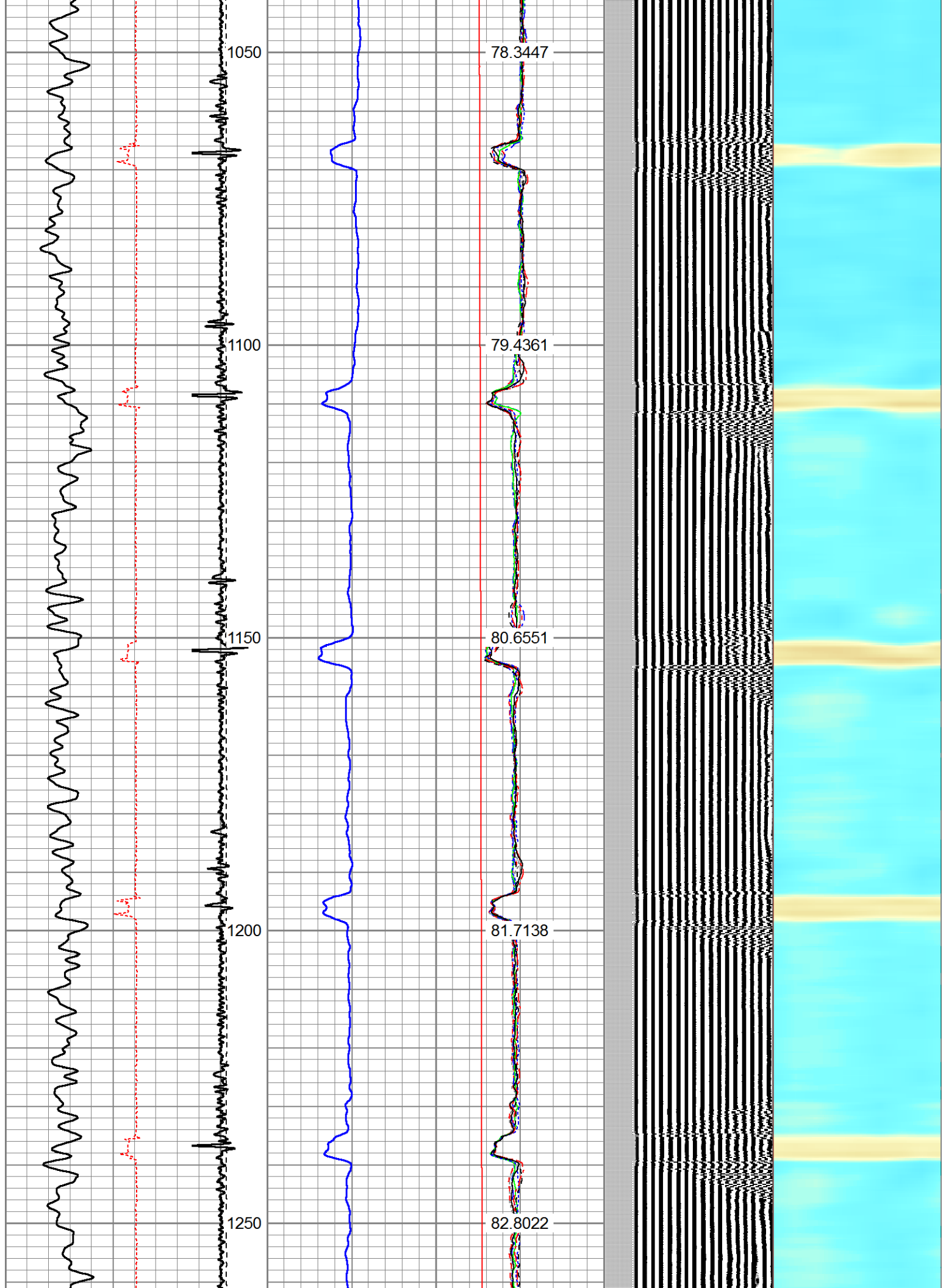




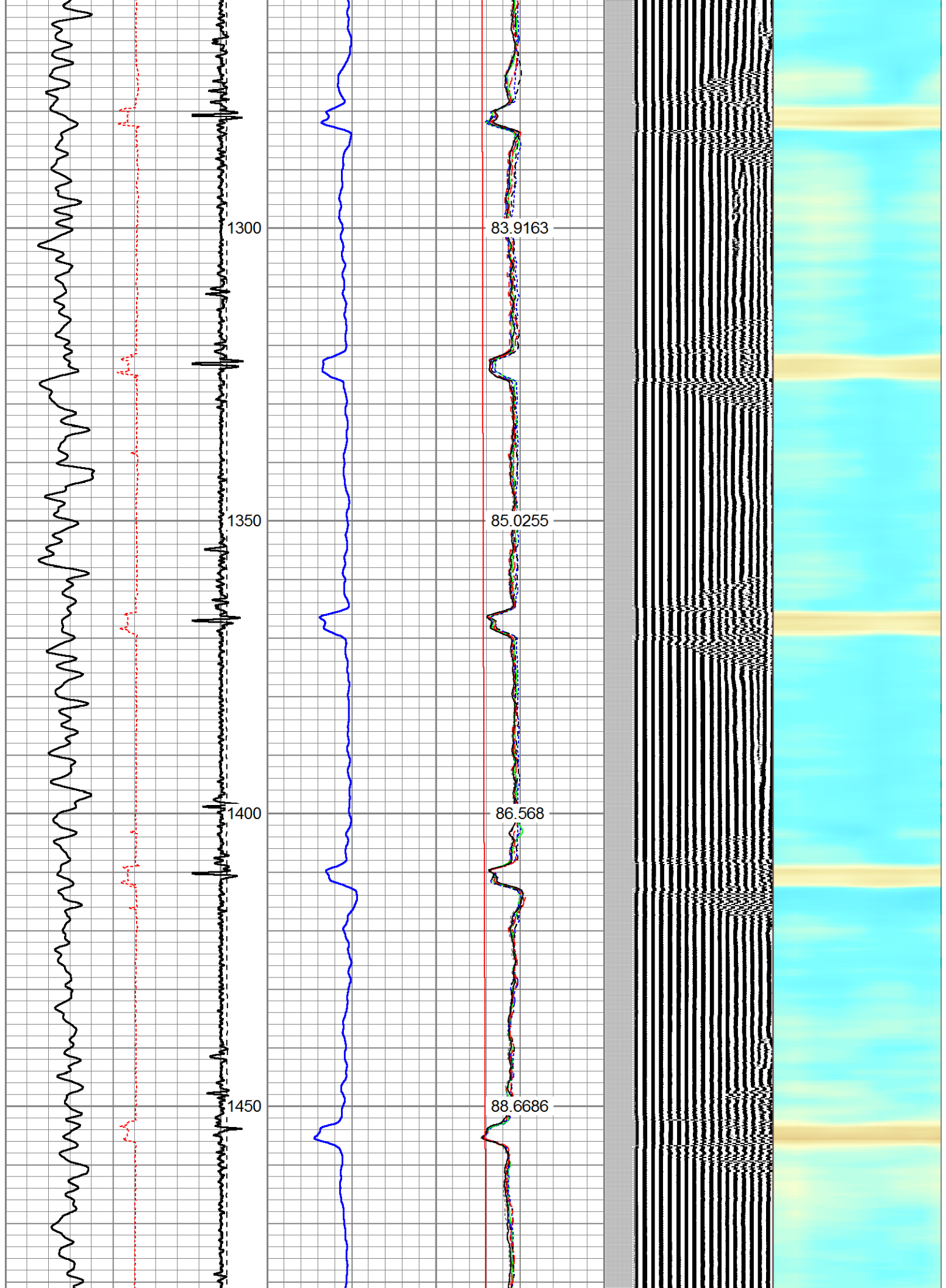


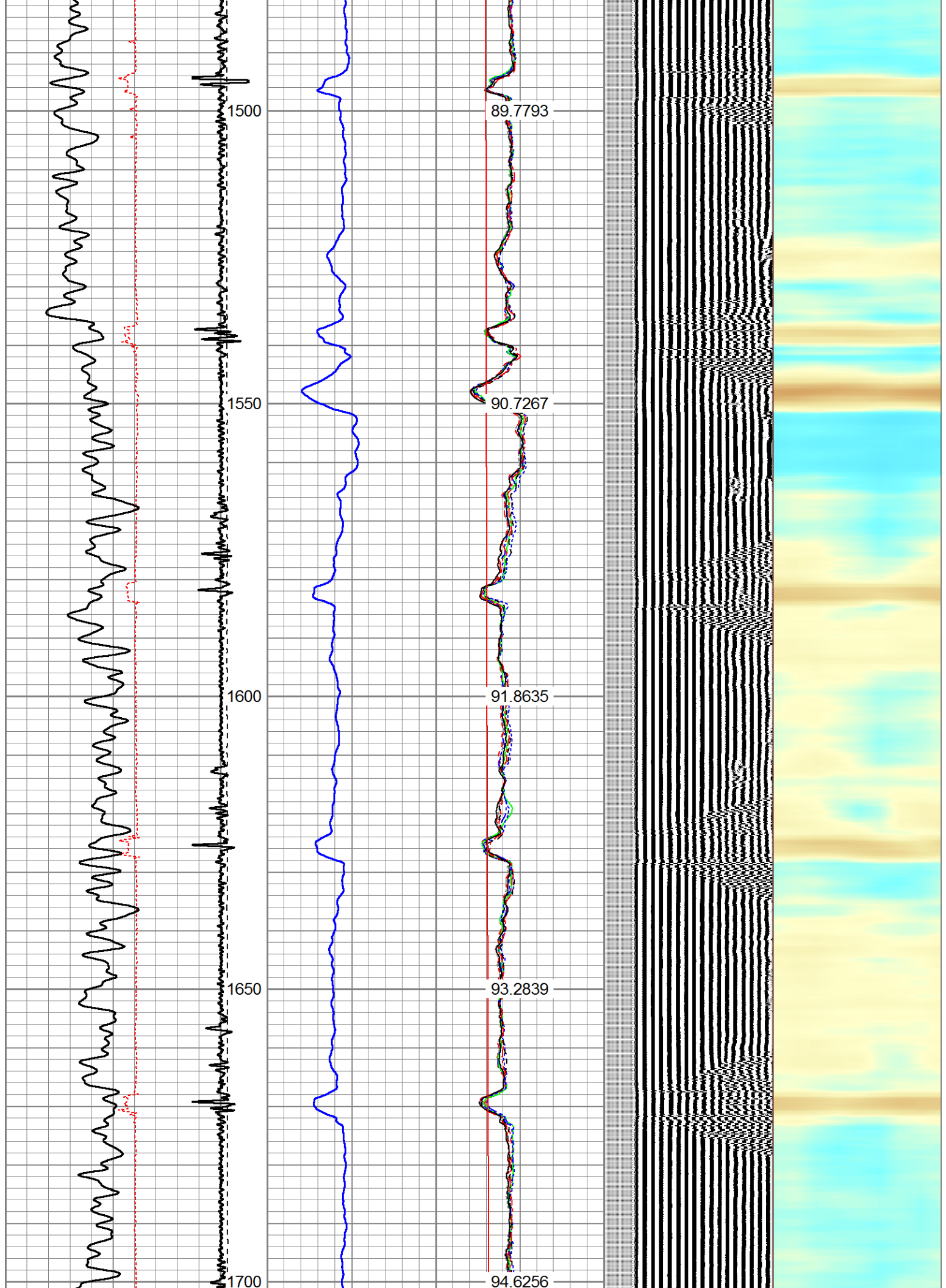


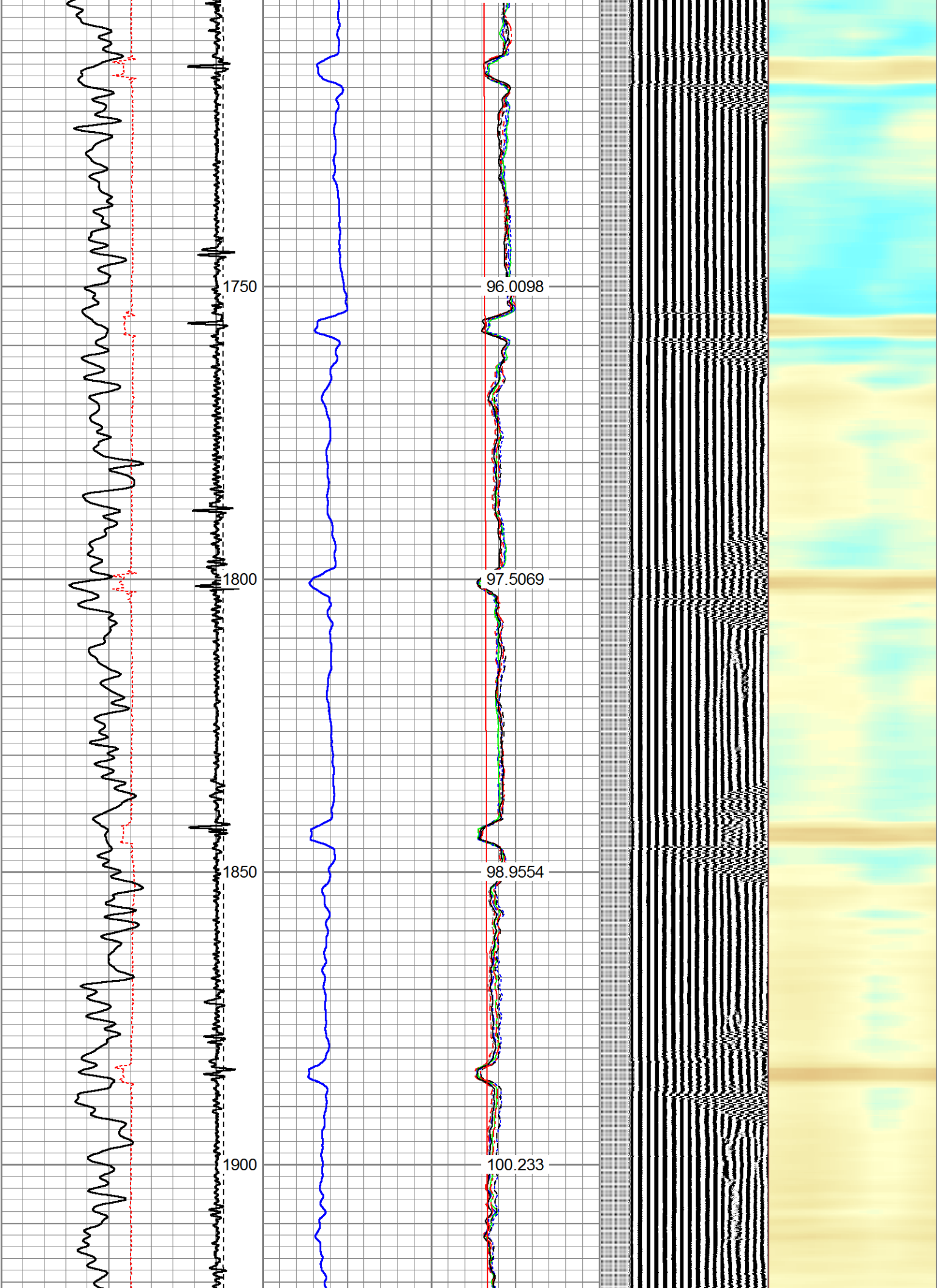


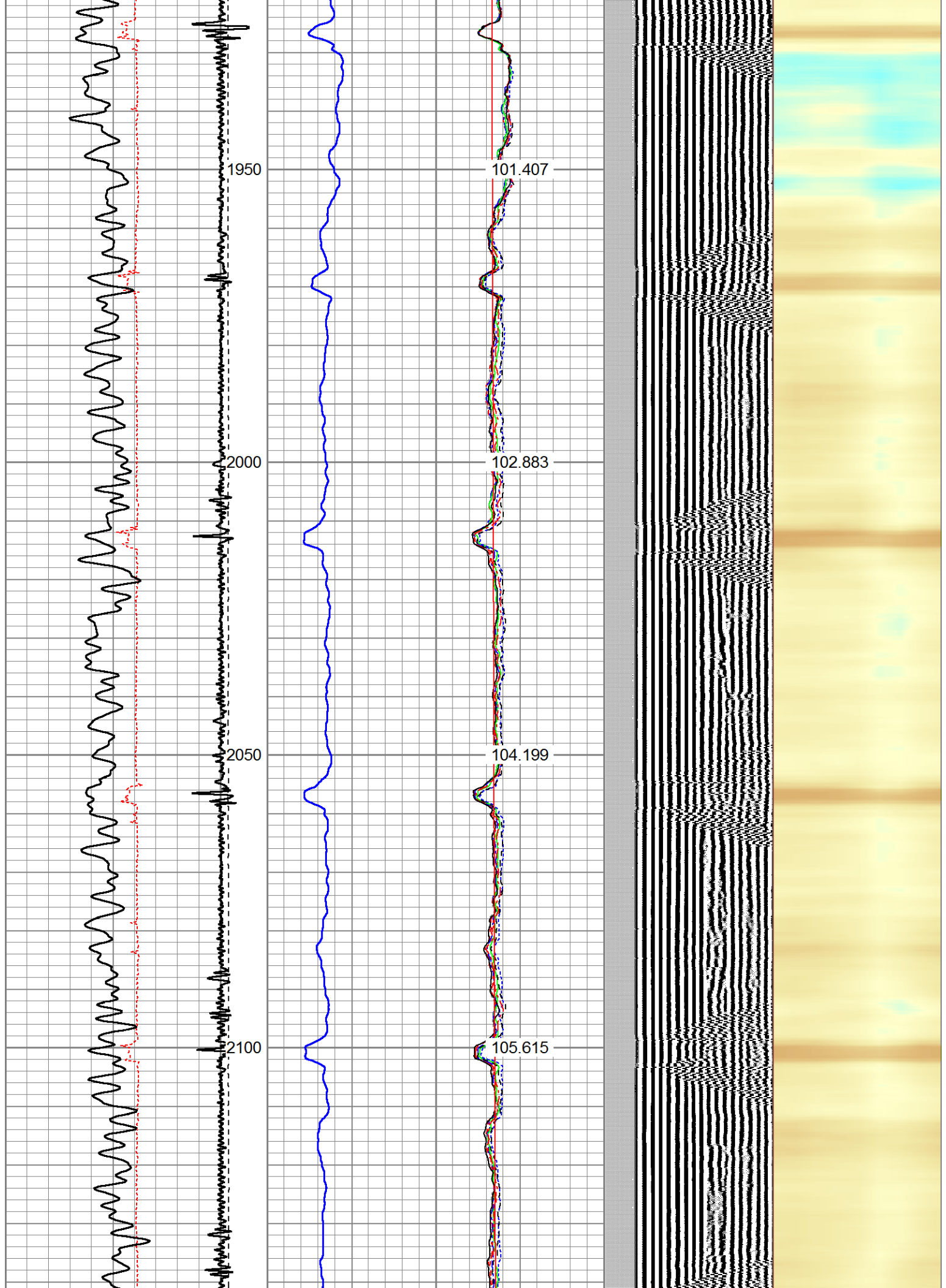




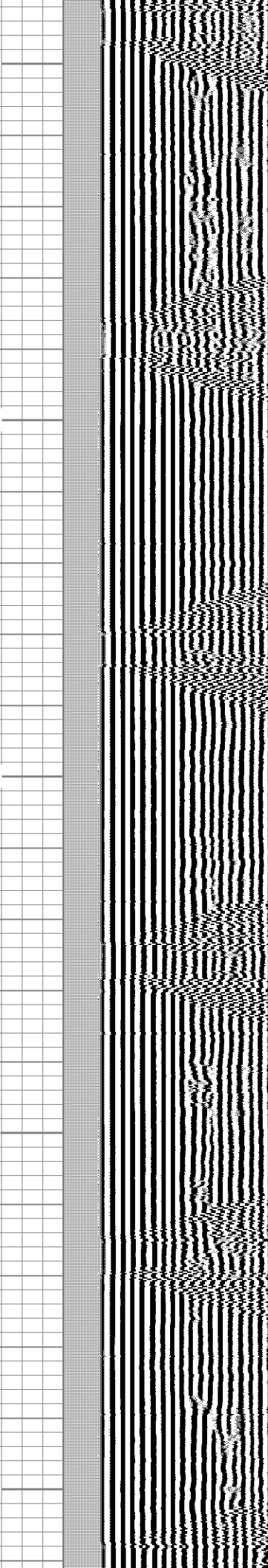
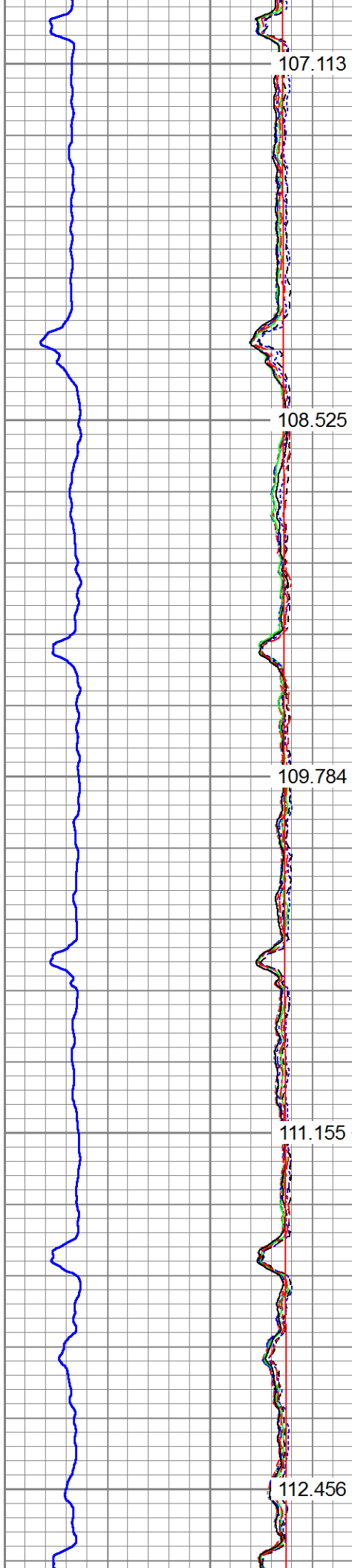
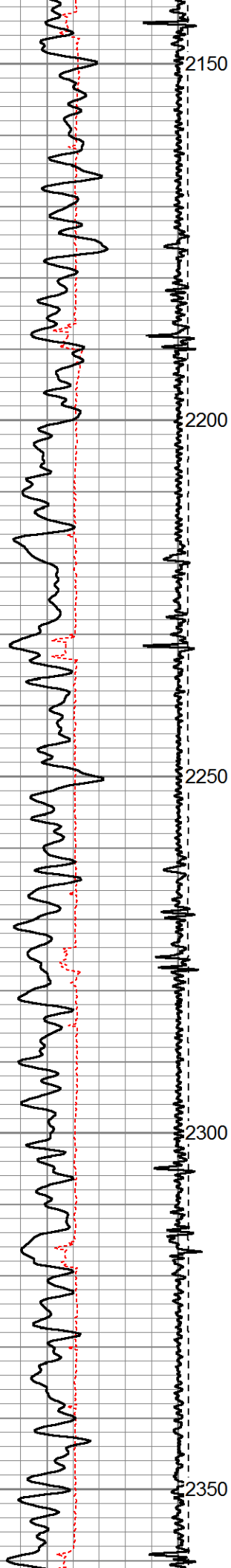




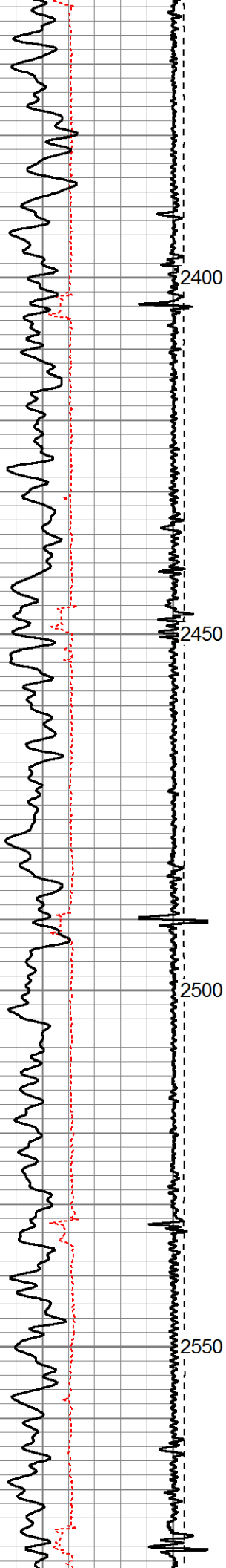




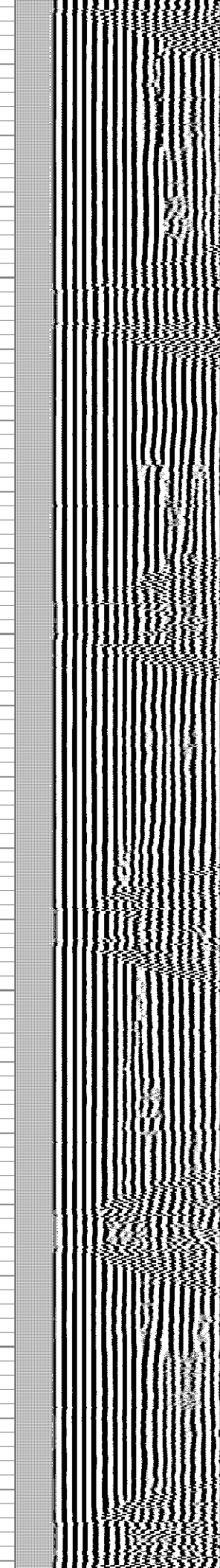
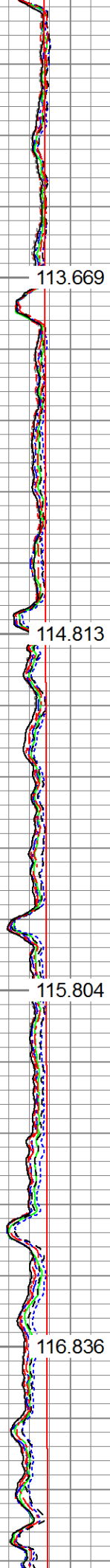


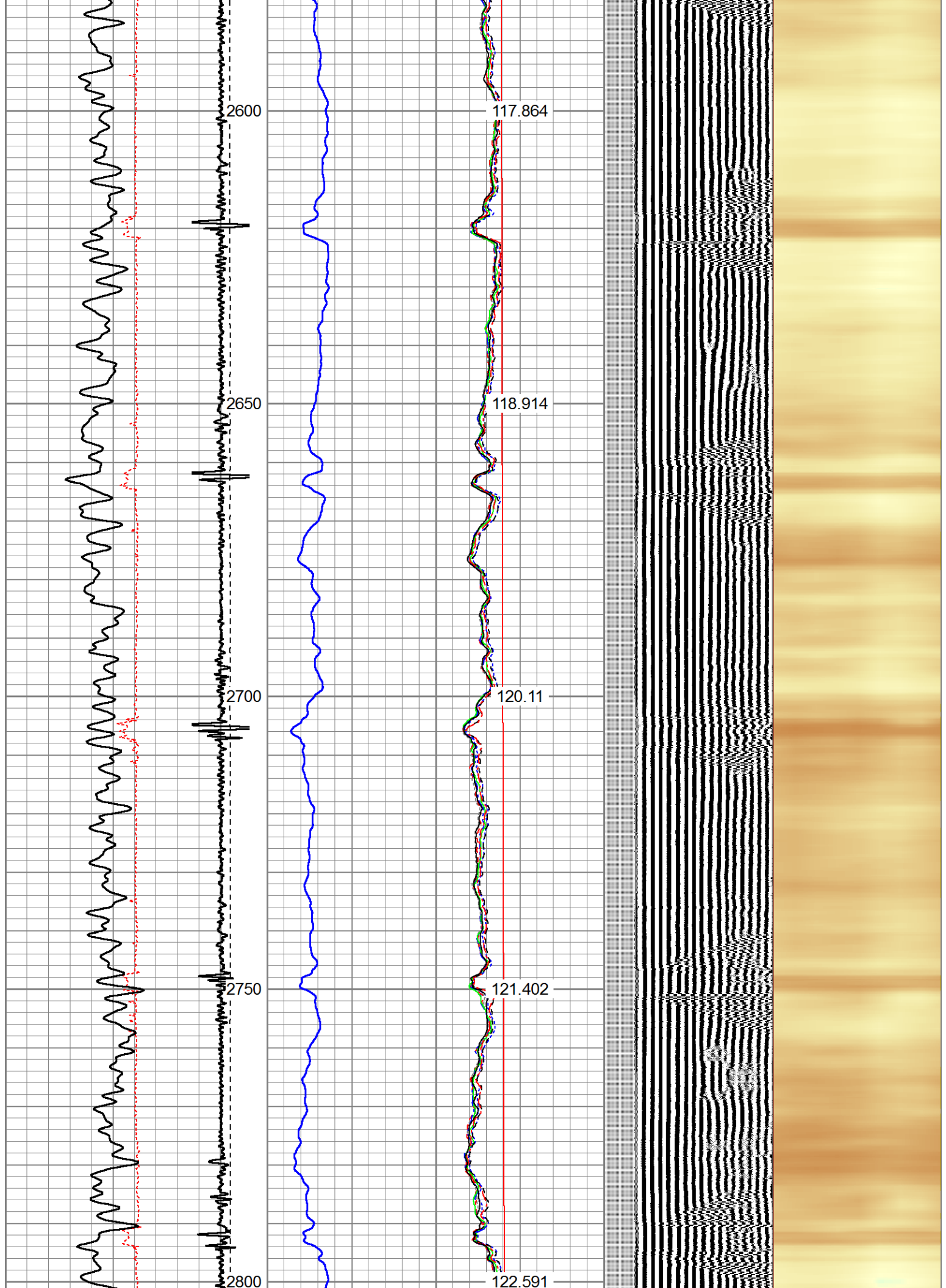


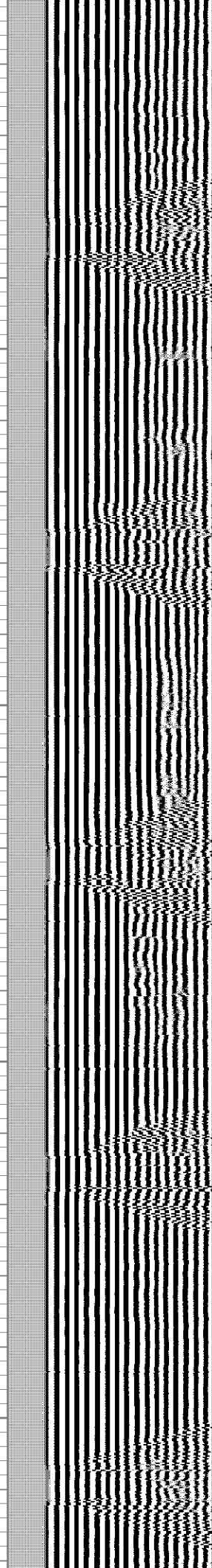
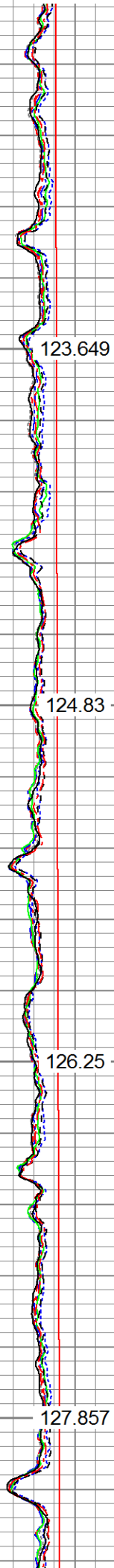
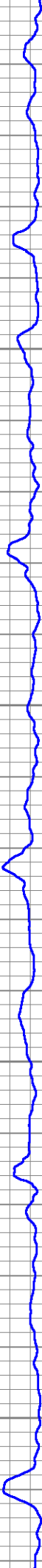
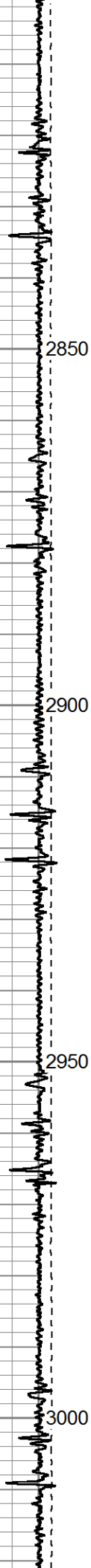
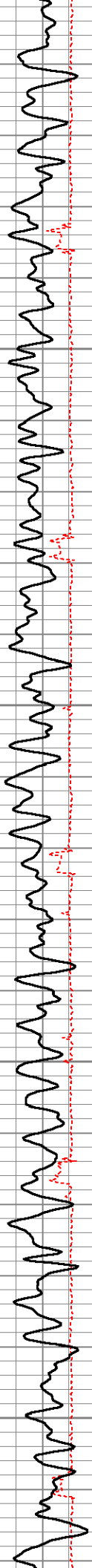




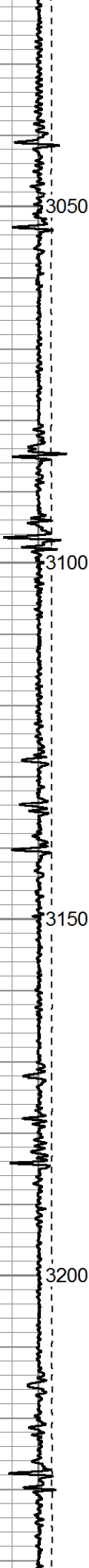
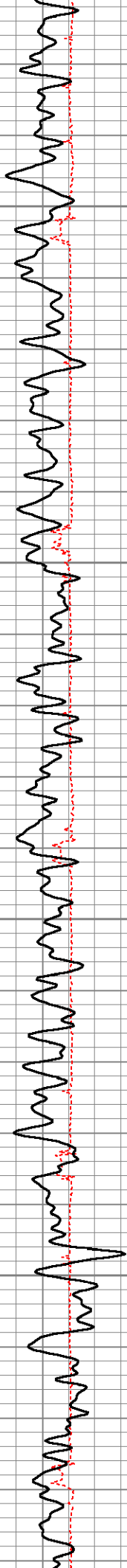
2400  
2450  
2500  
2550









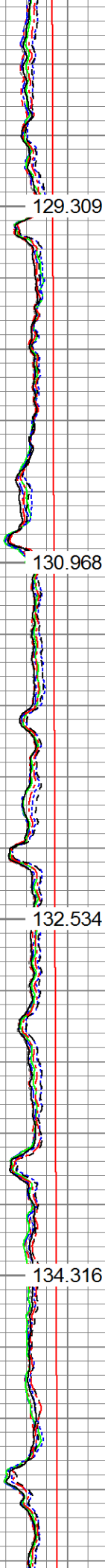
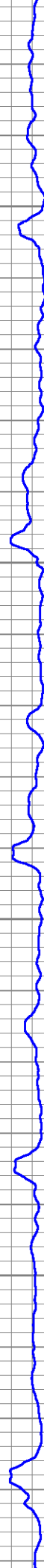


3050

3100

3150

3200

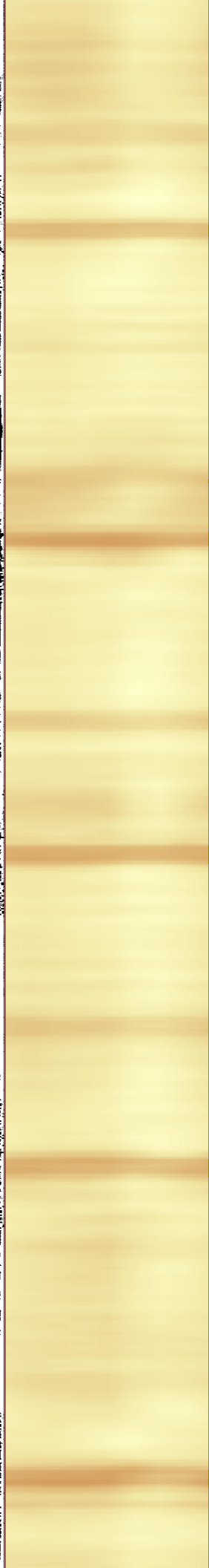
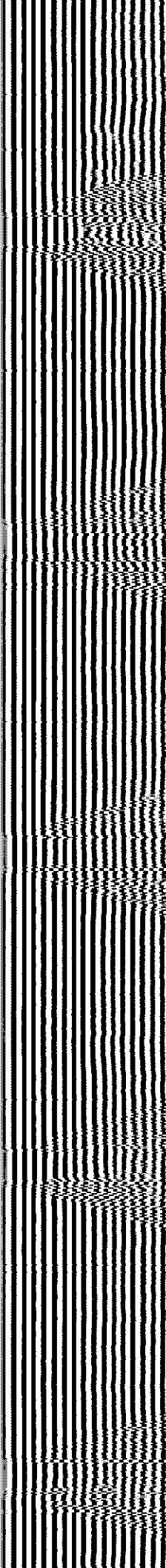


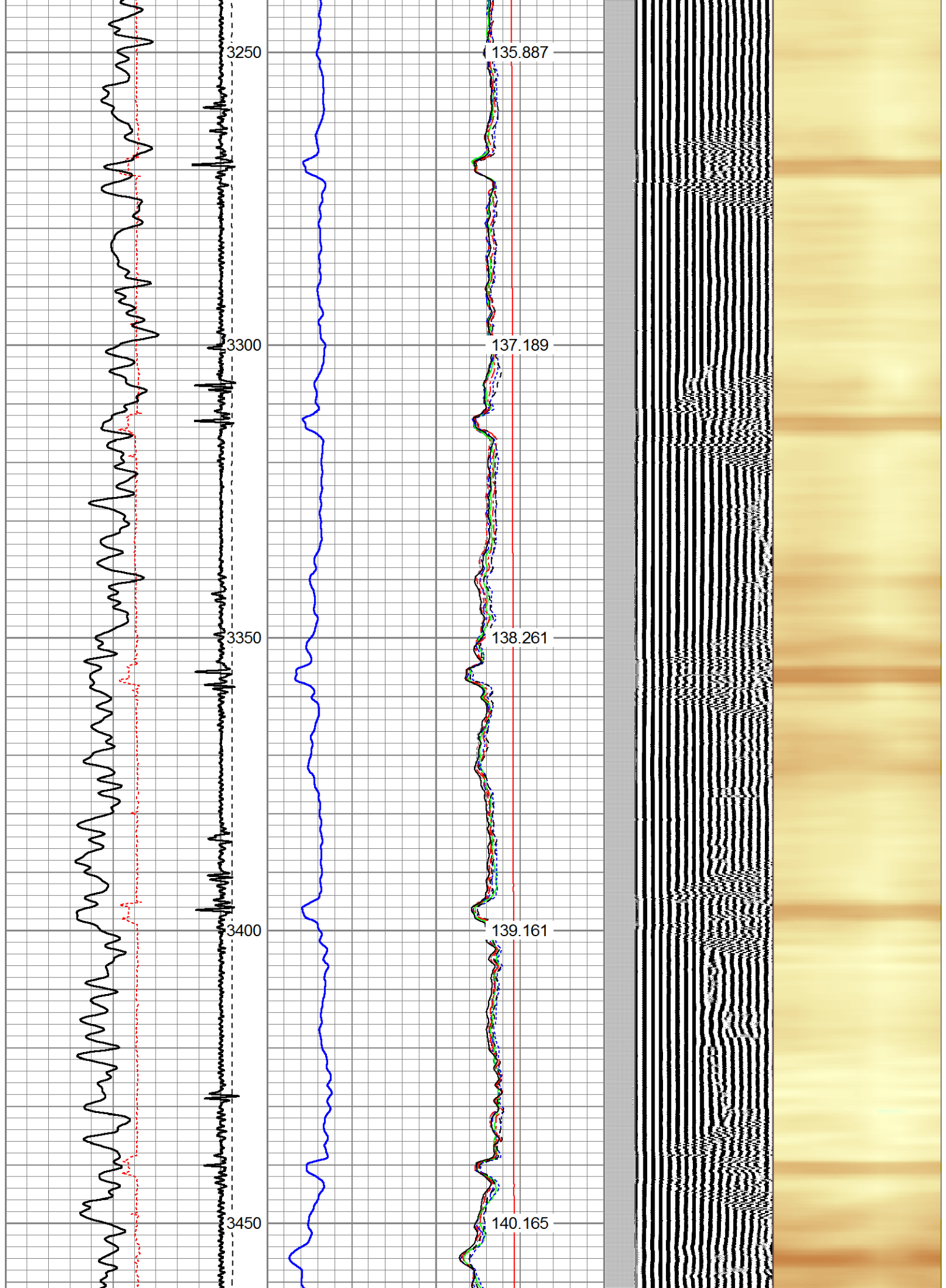
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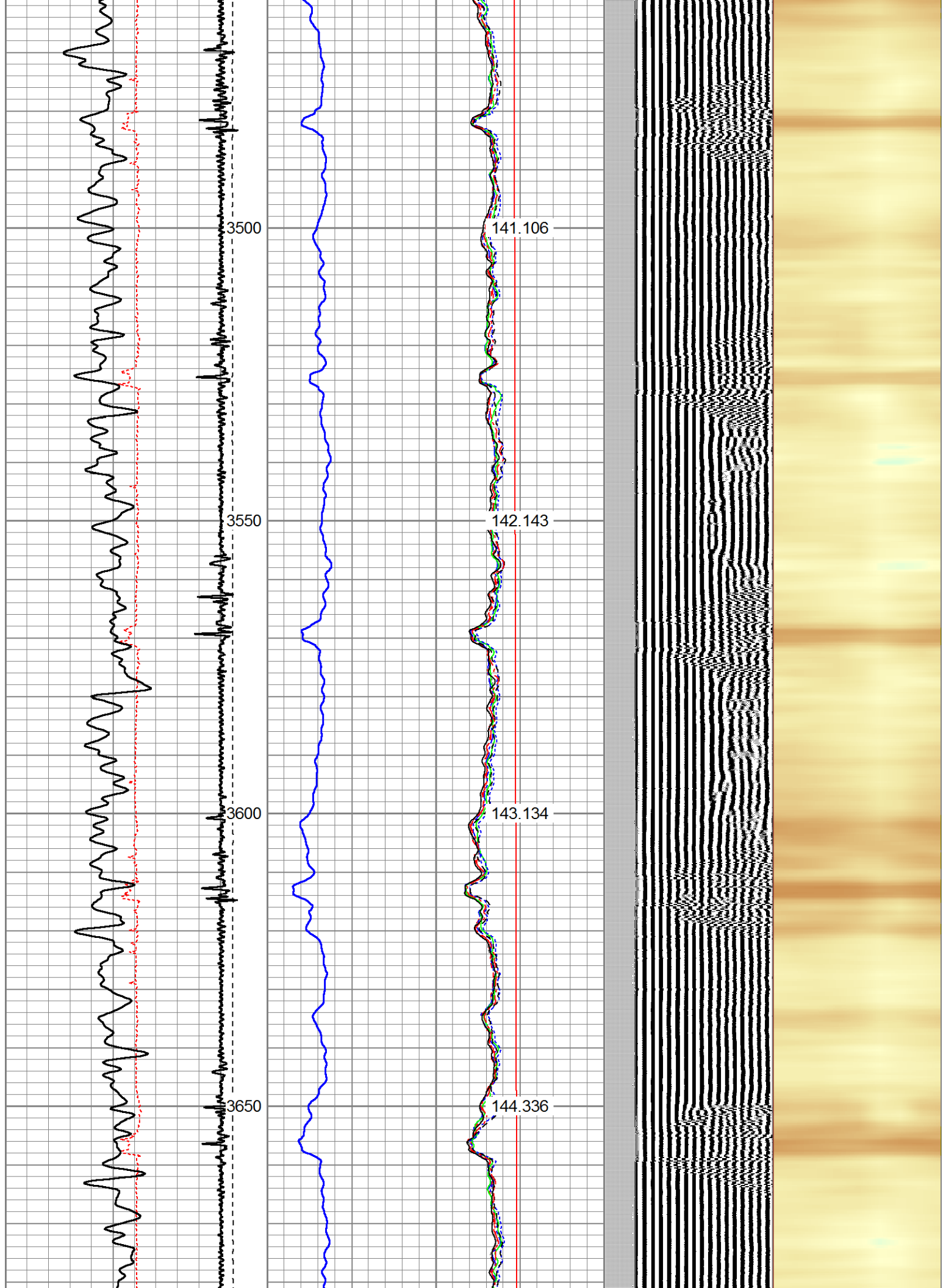
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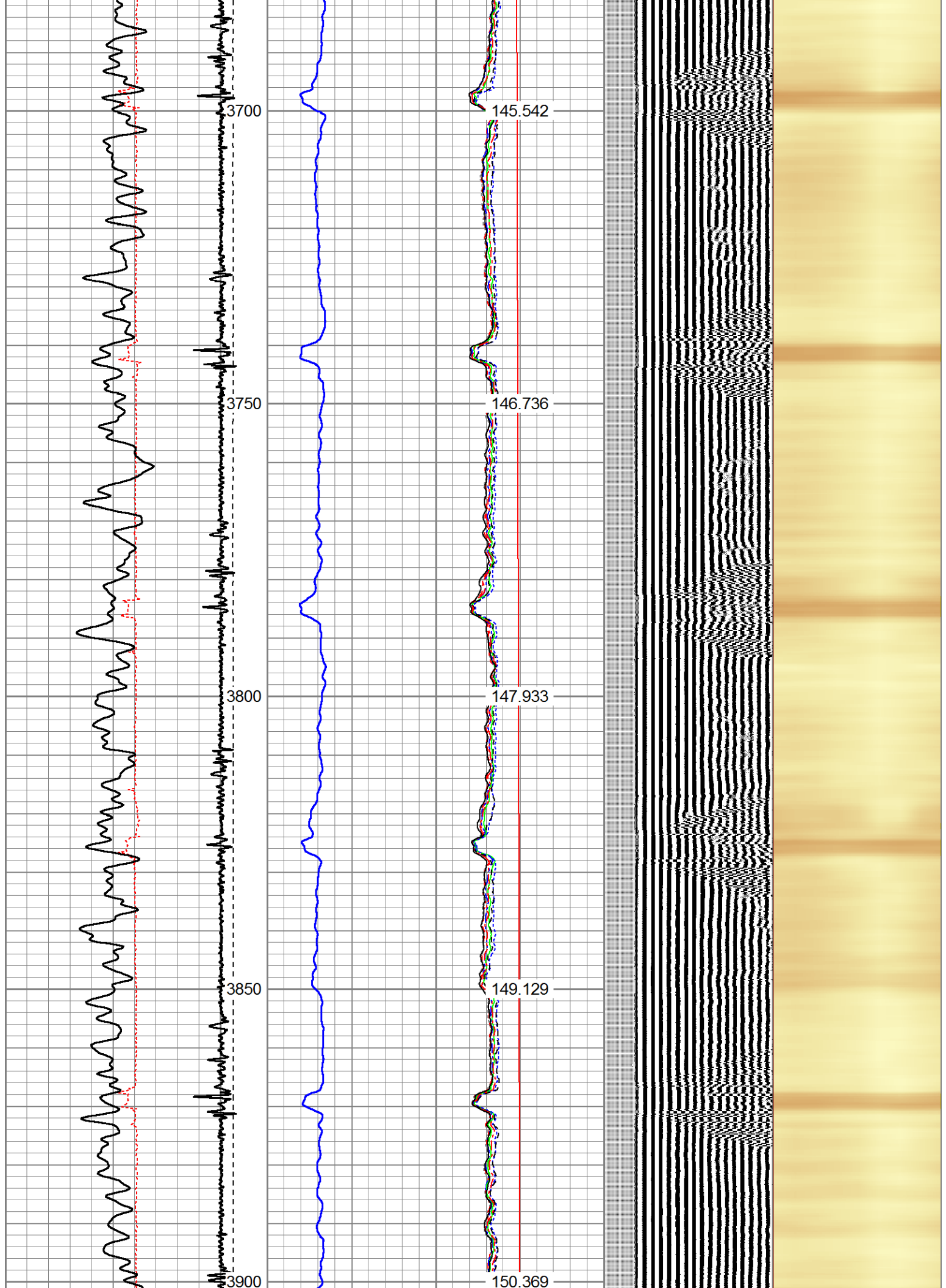
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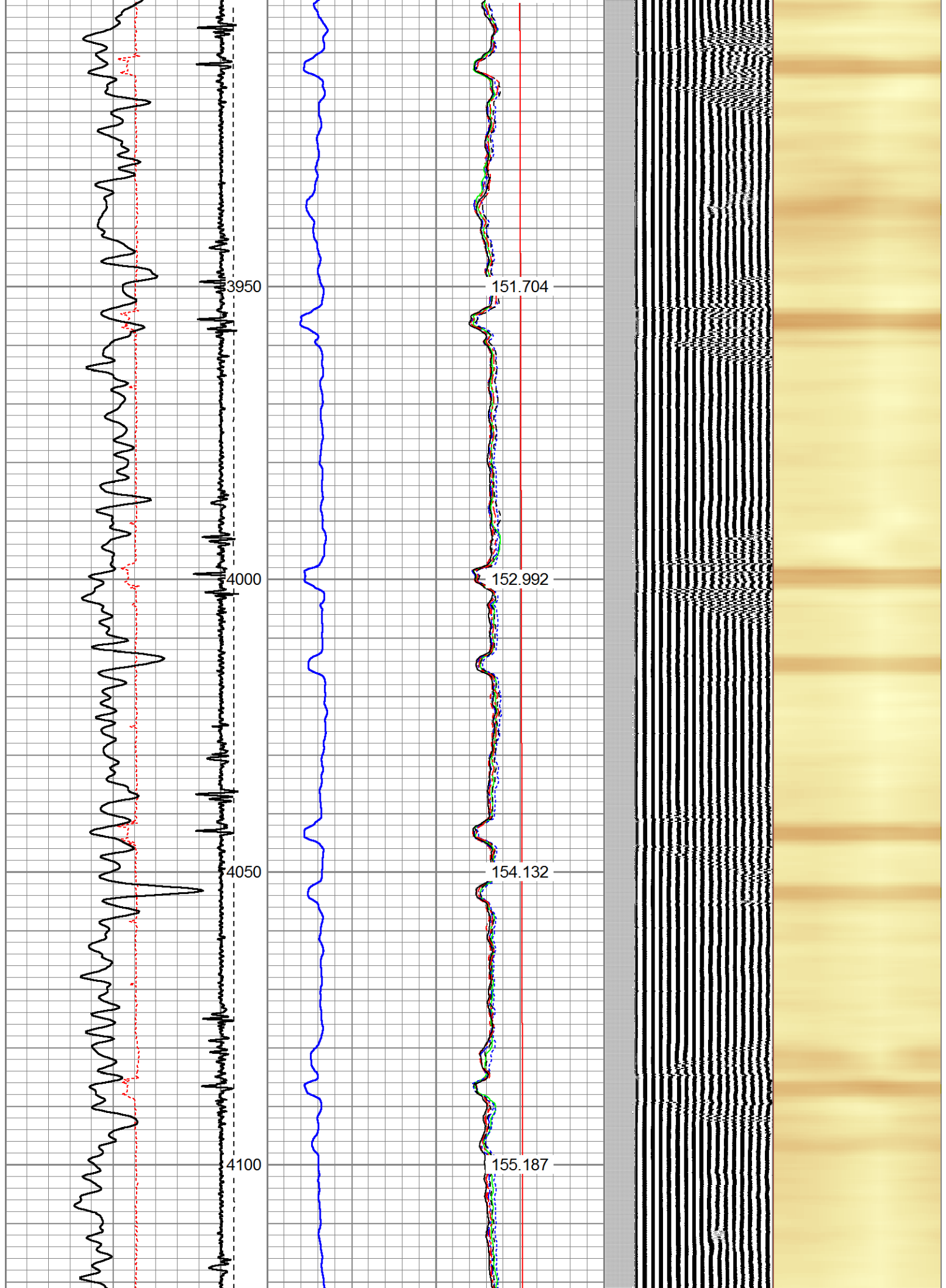


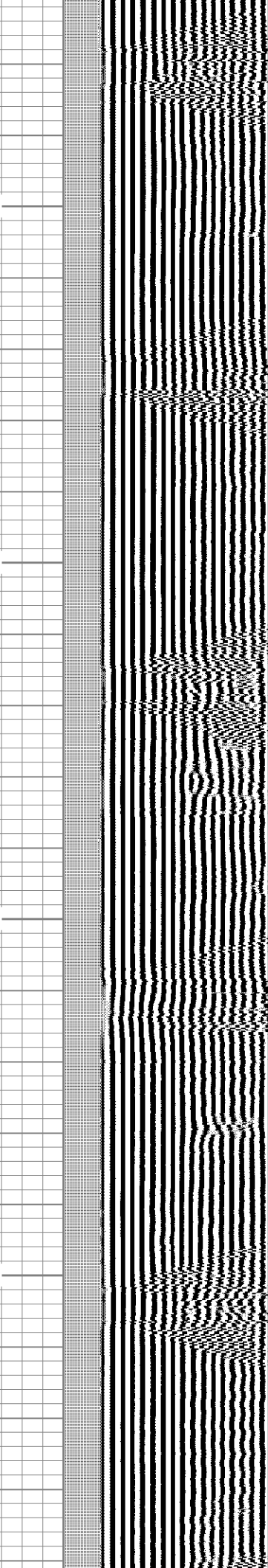
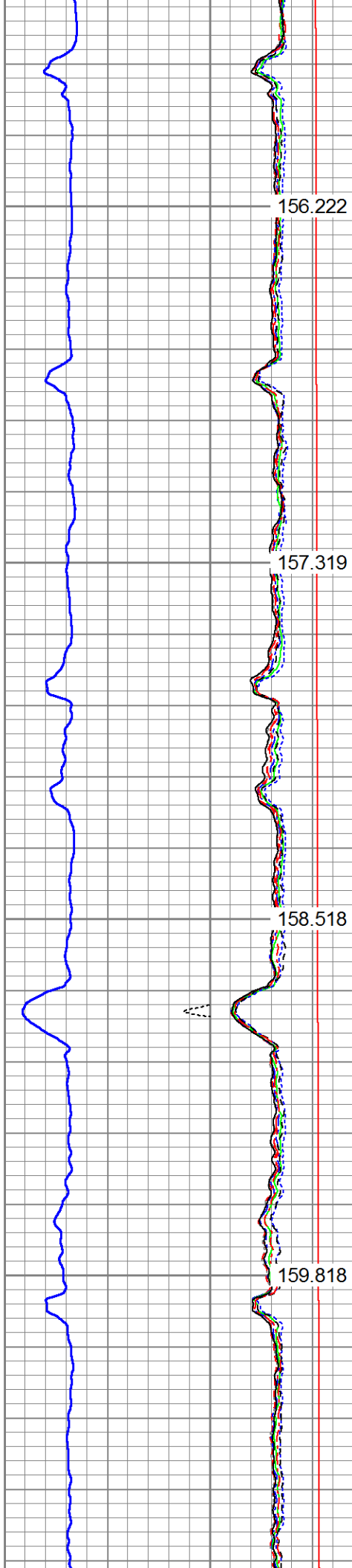
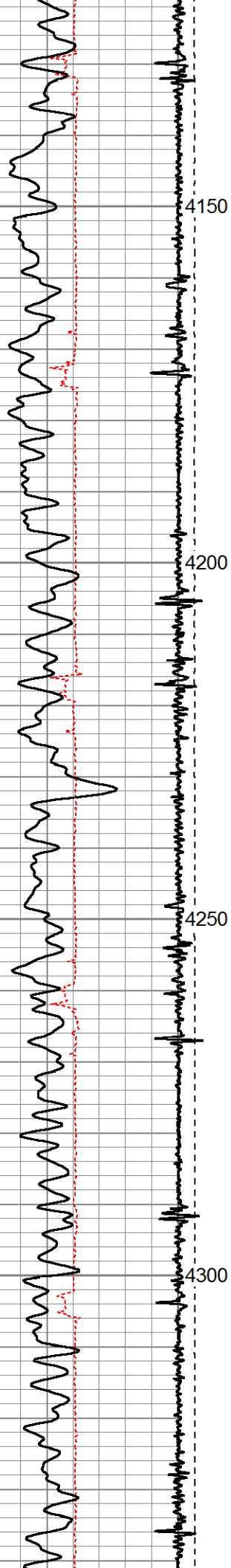




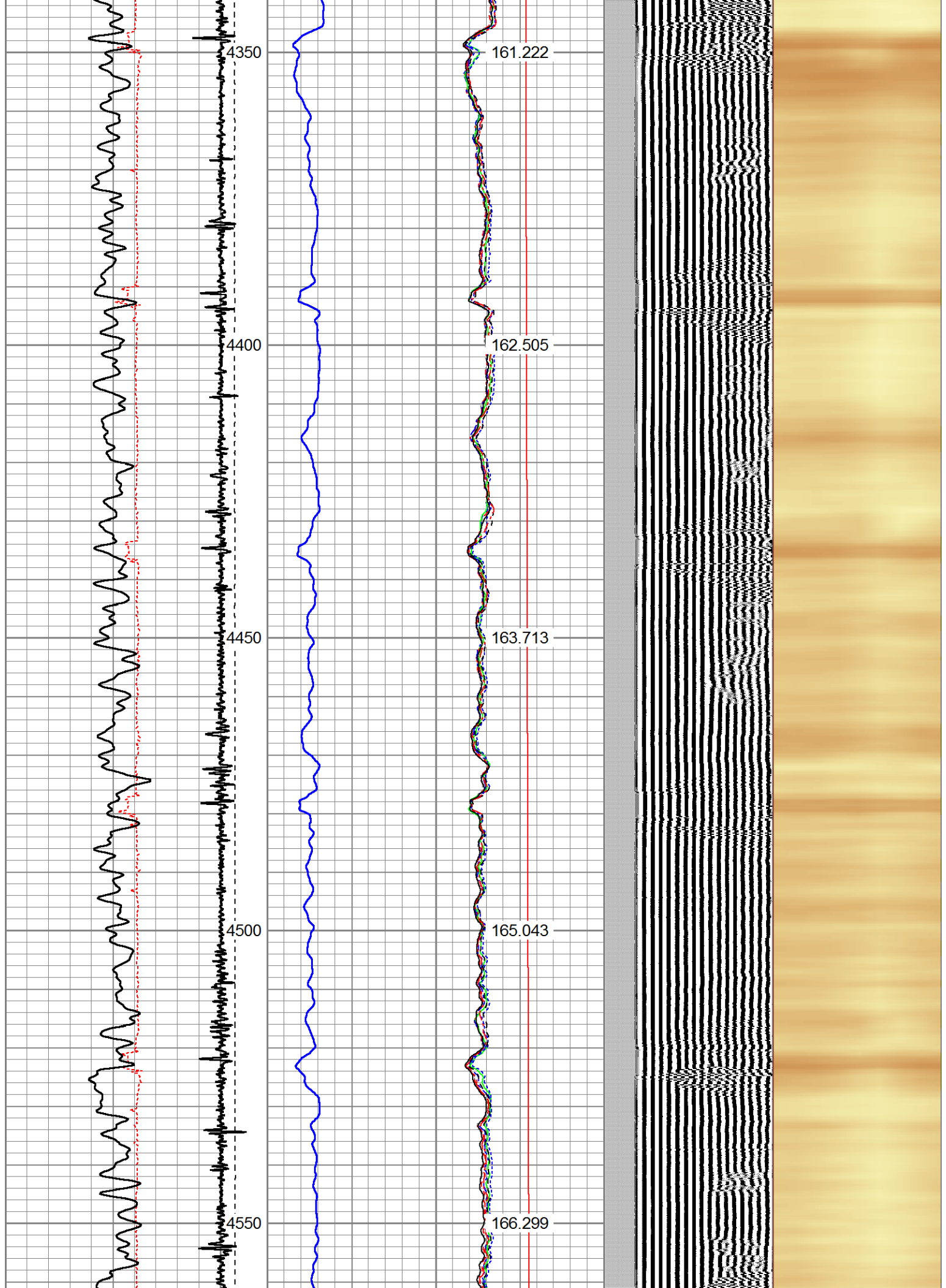




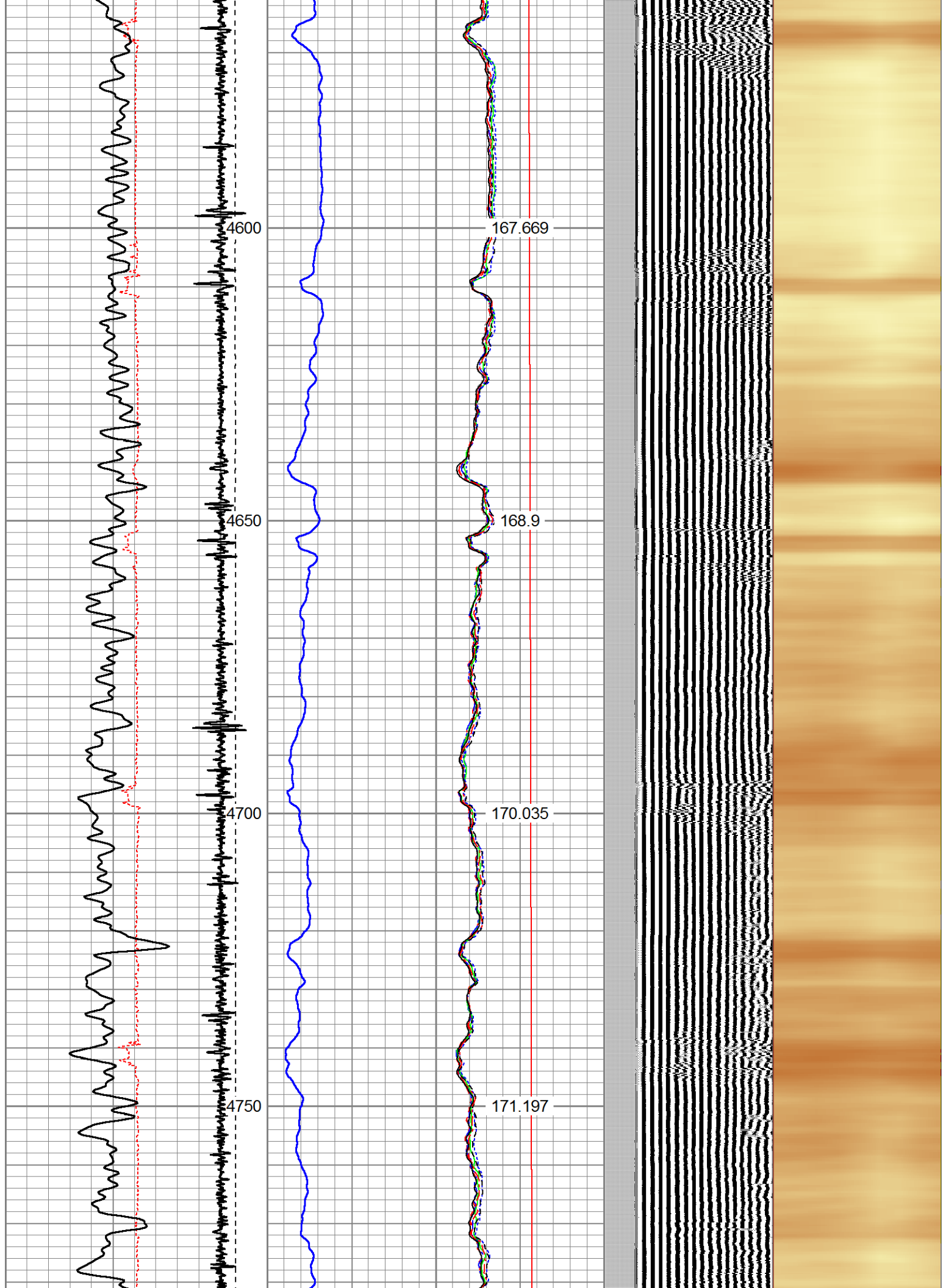


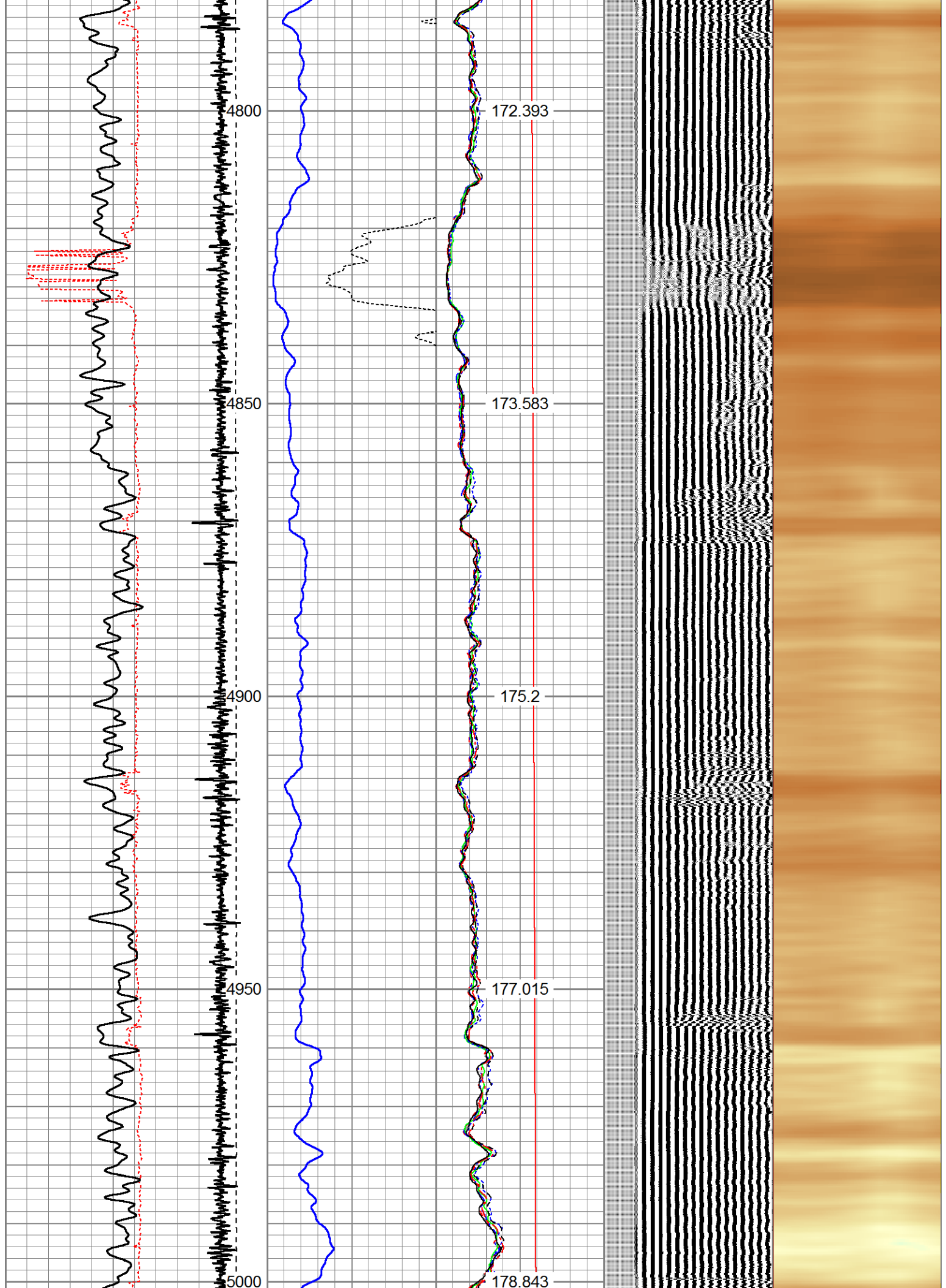


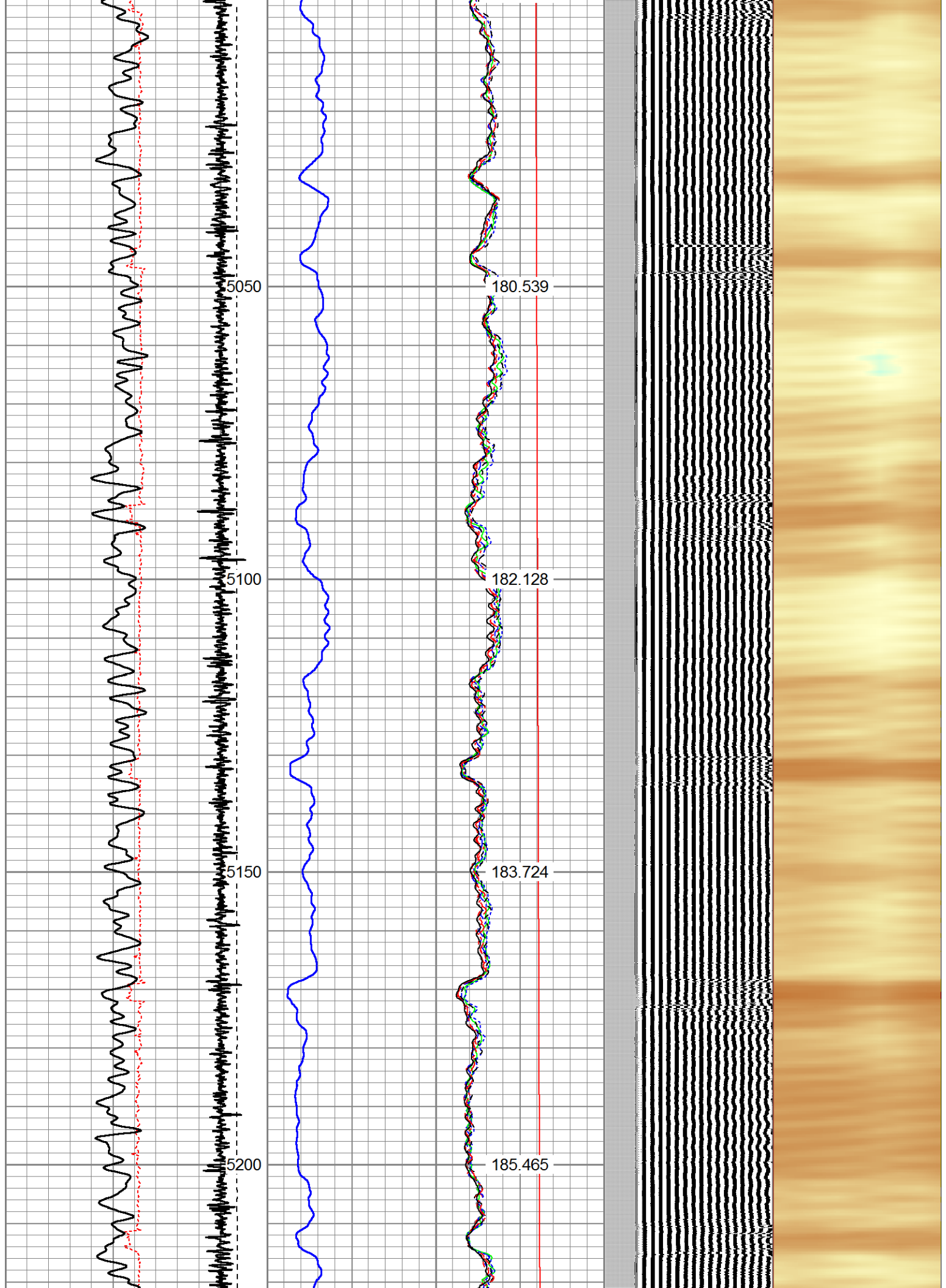




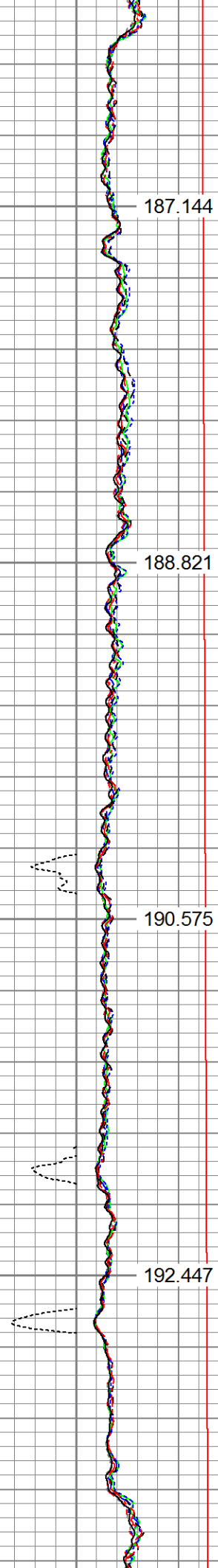
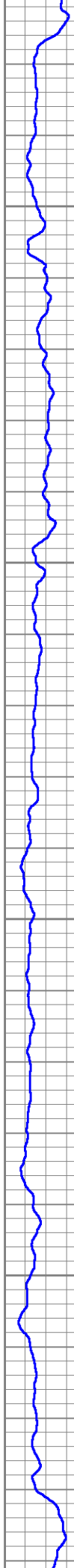
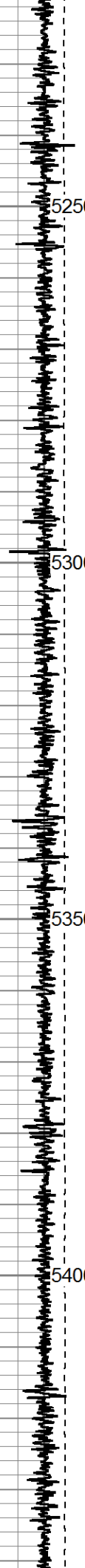
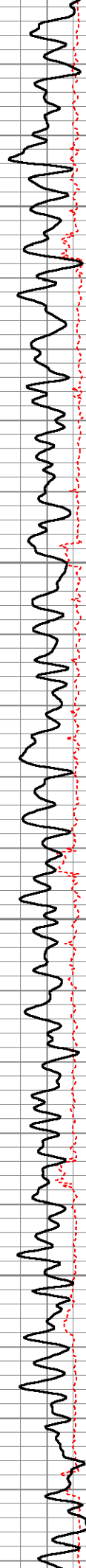










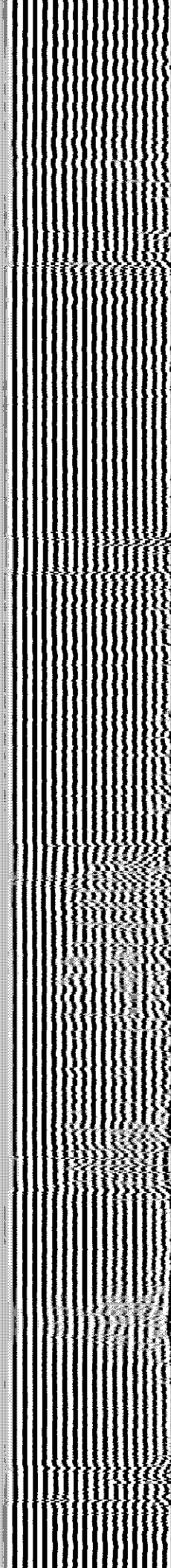


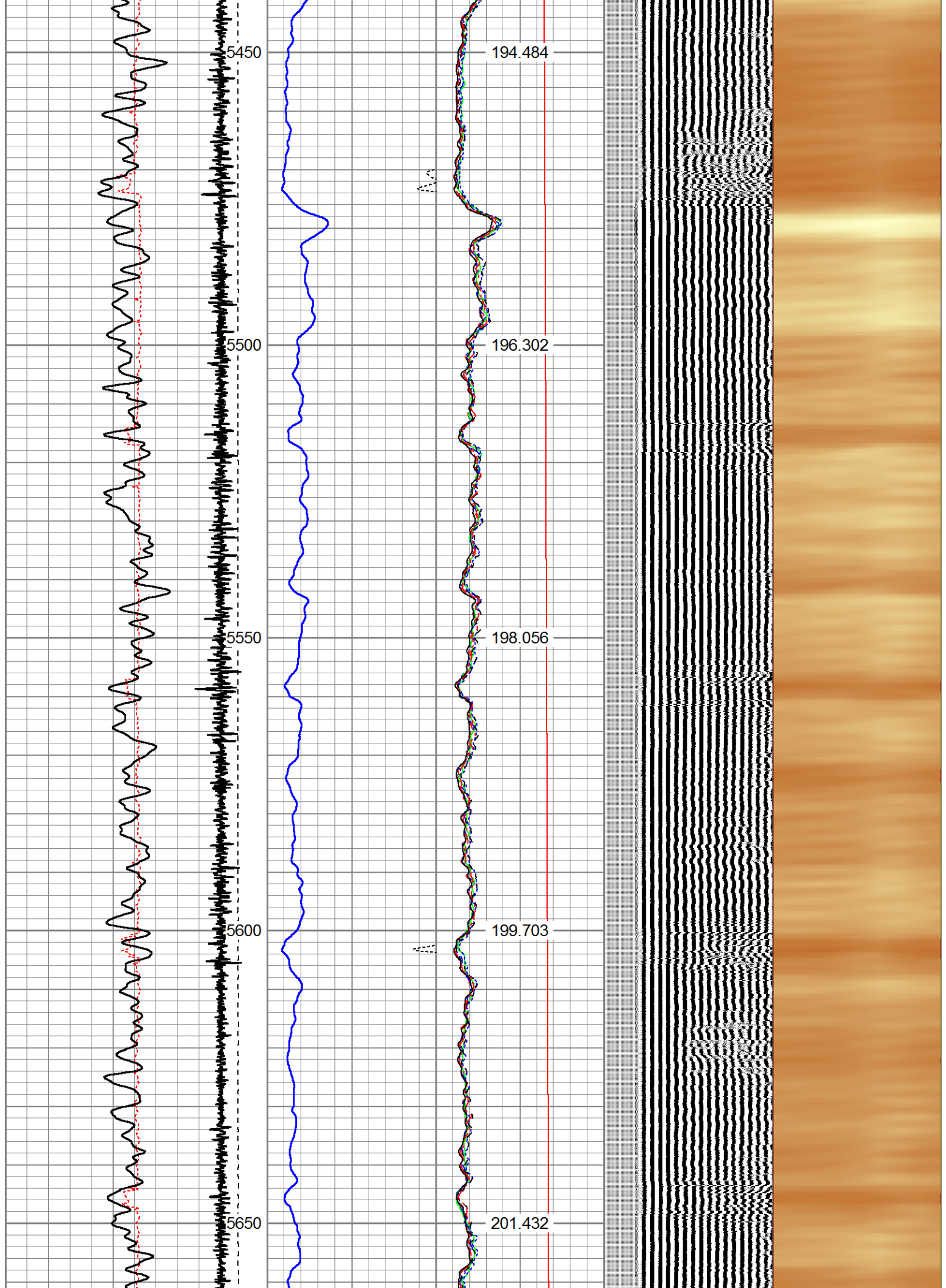
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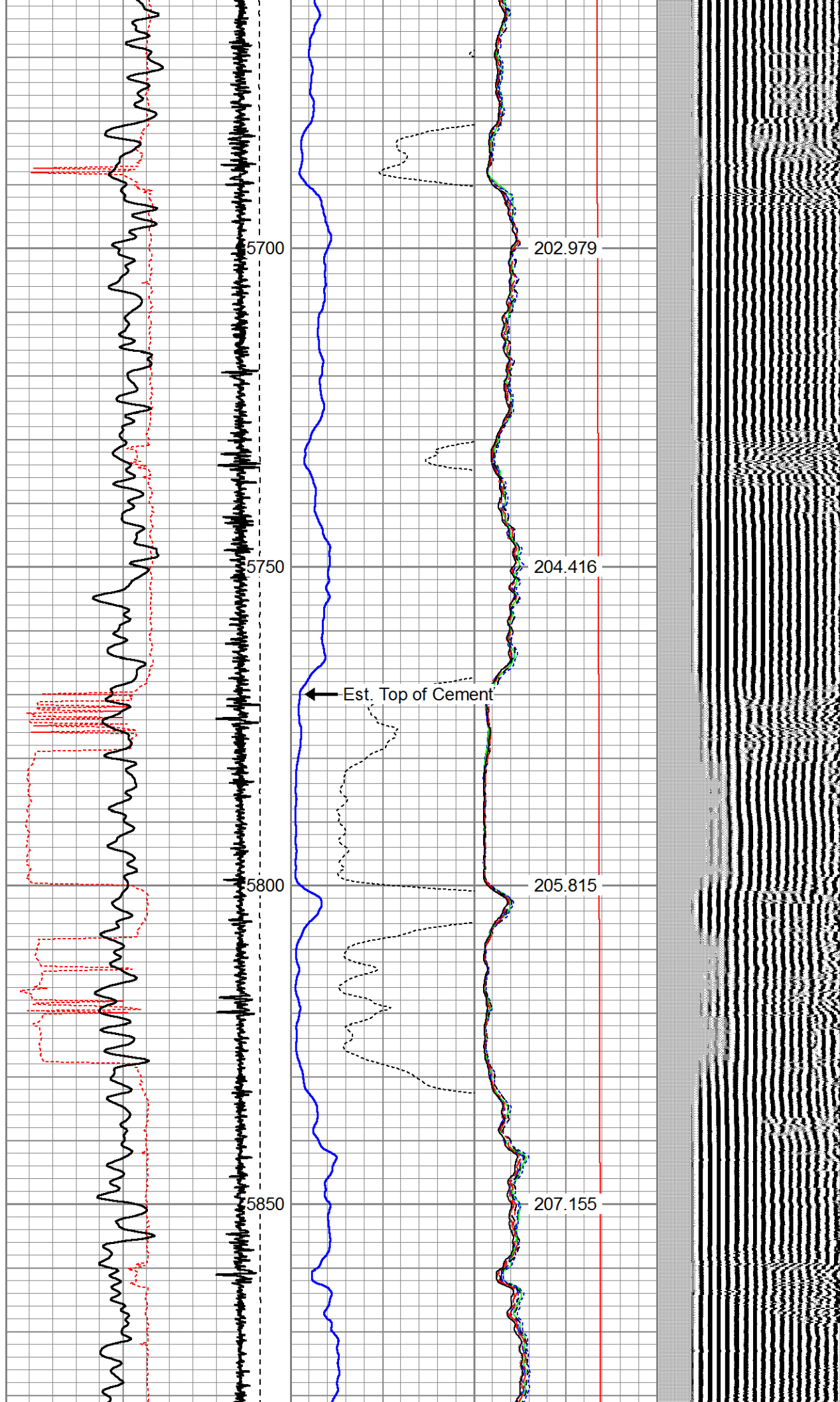
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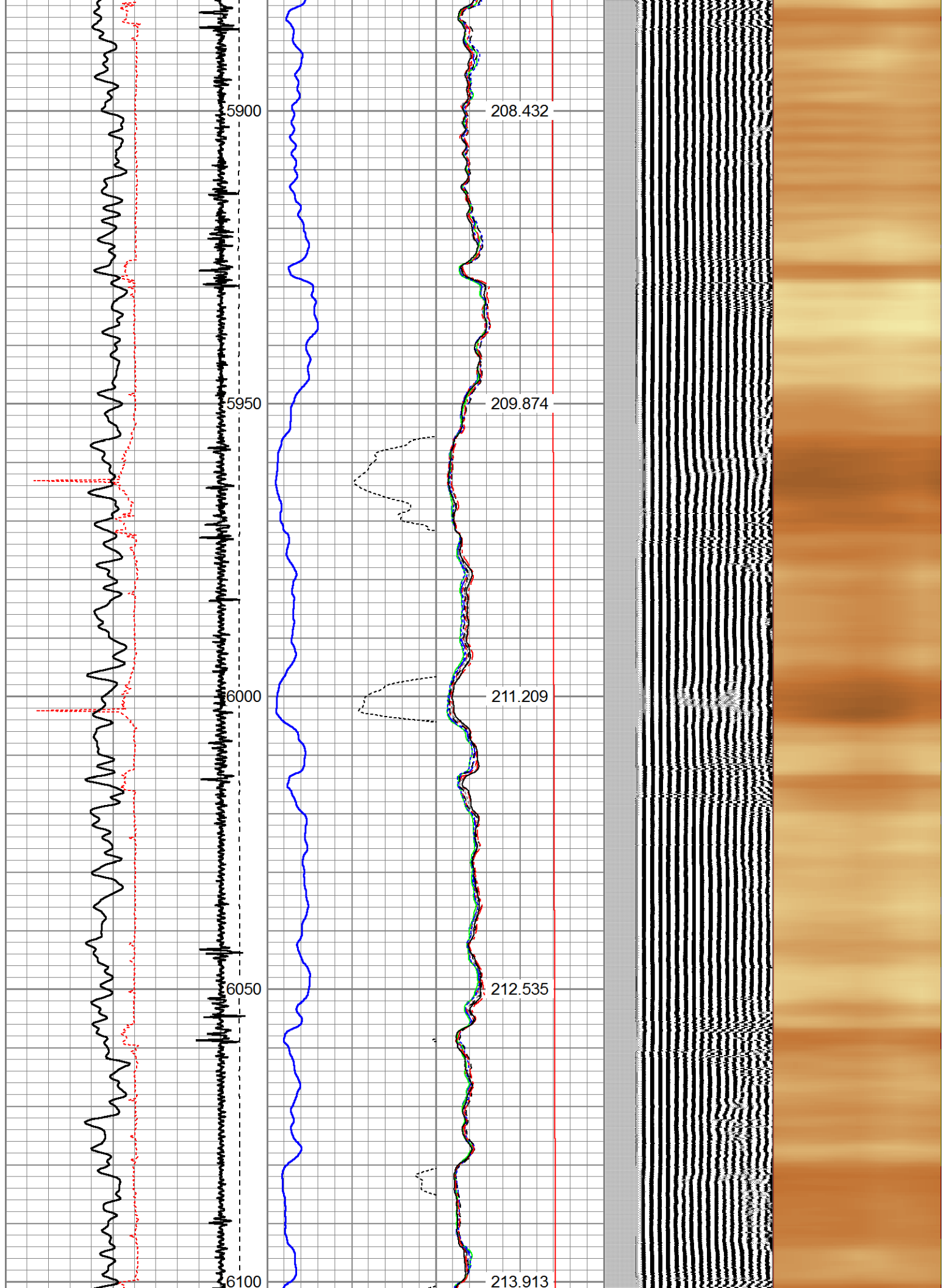
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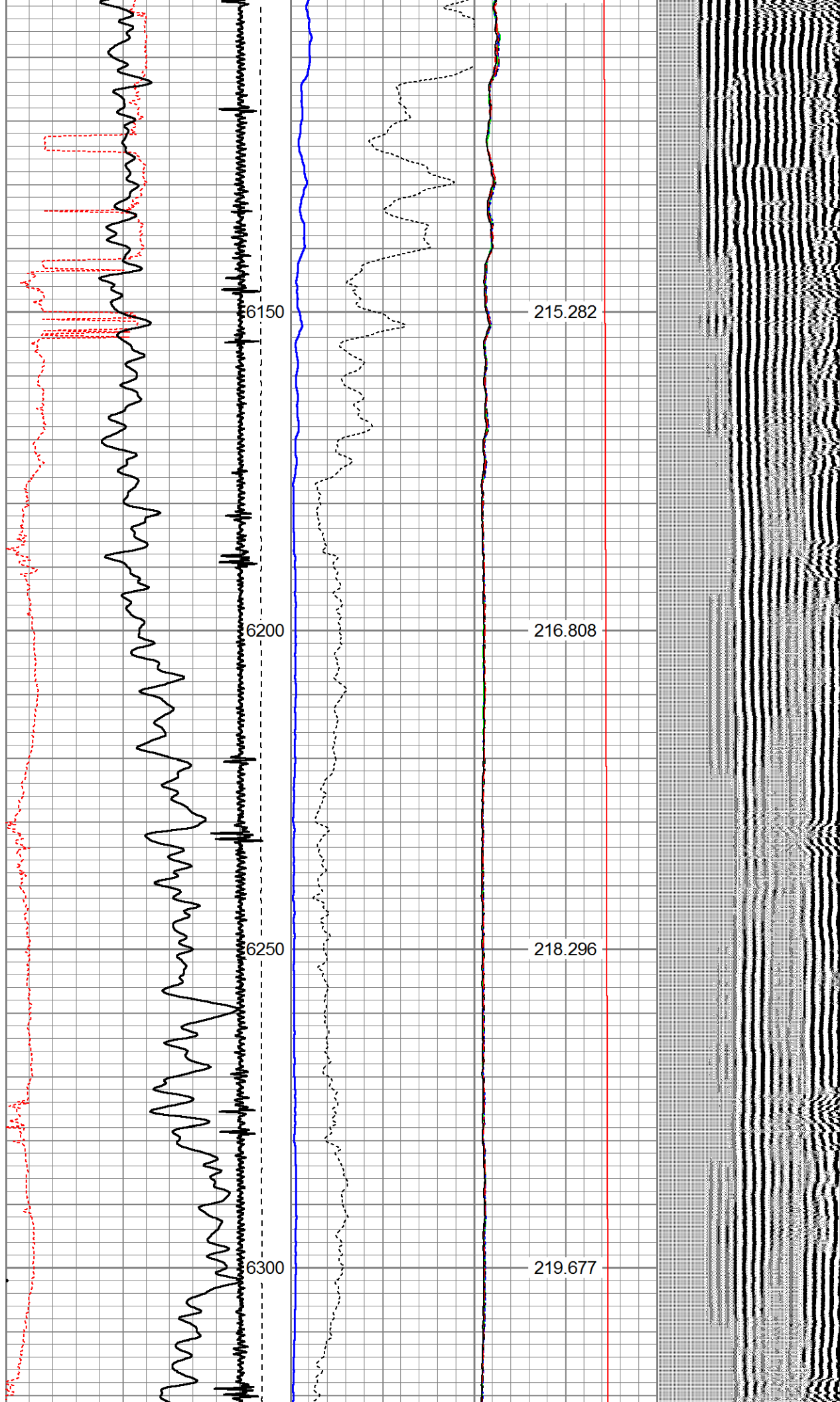




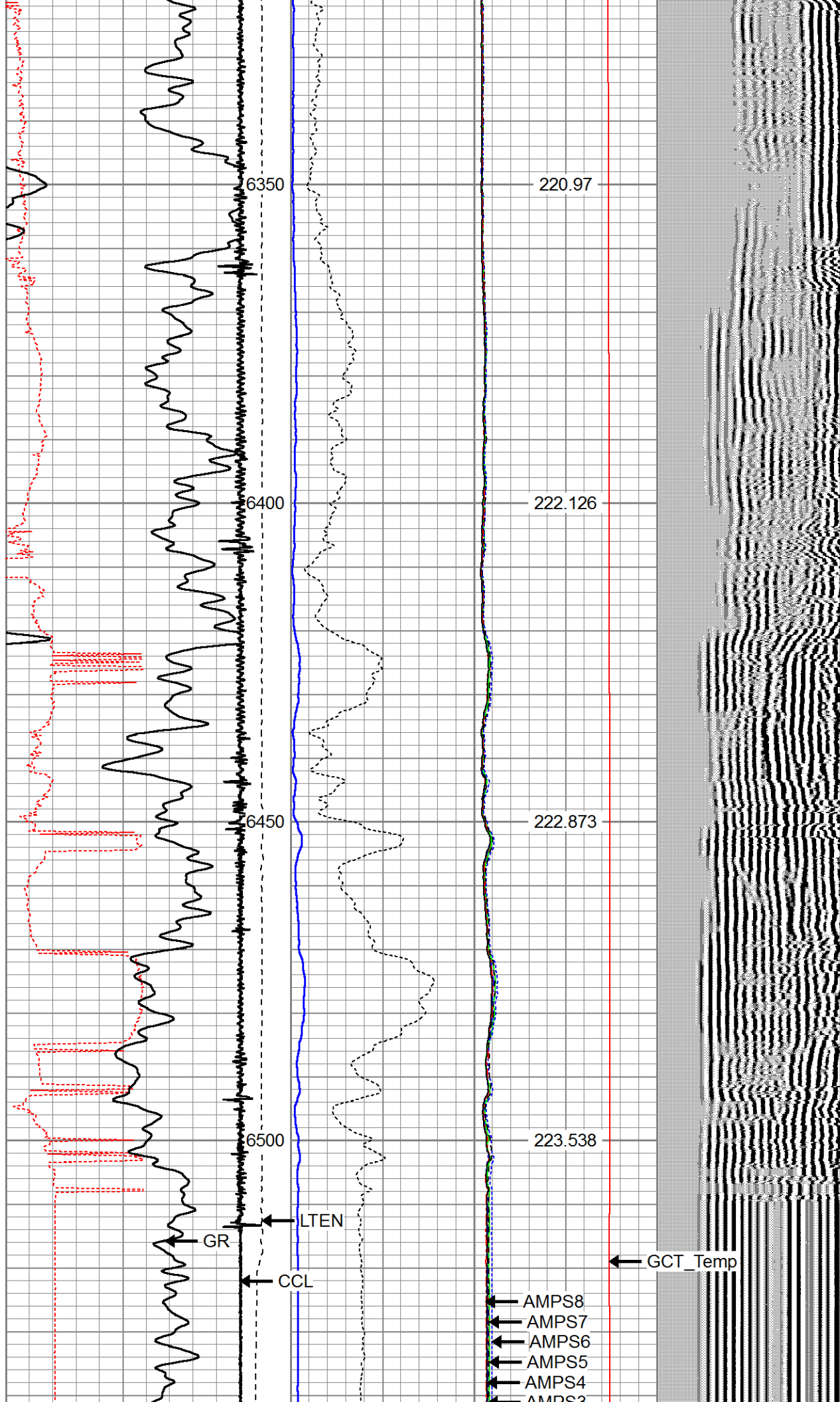




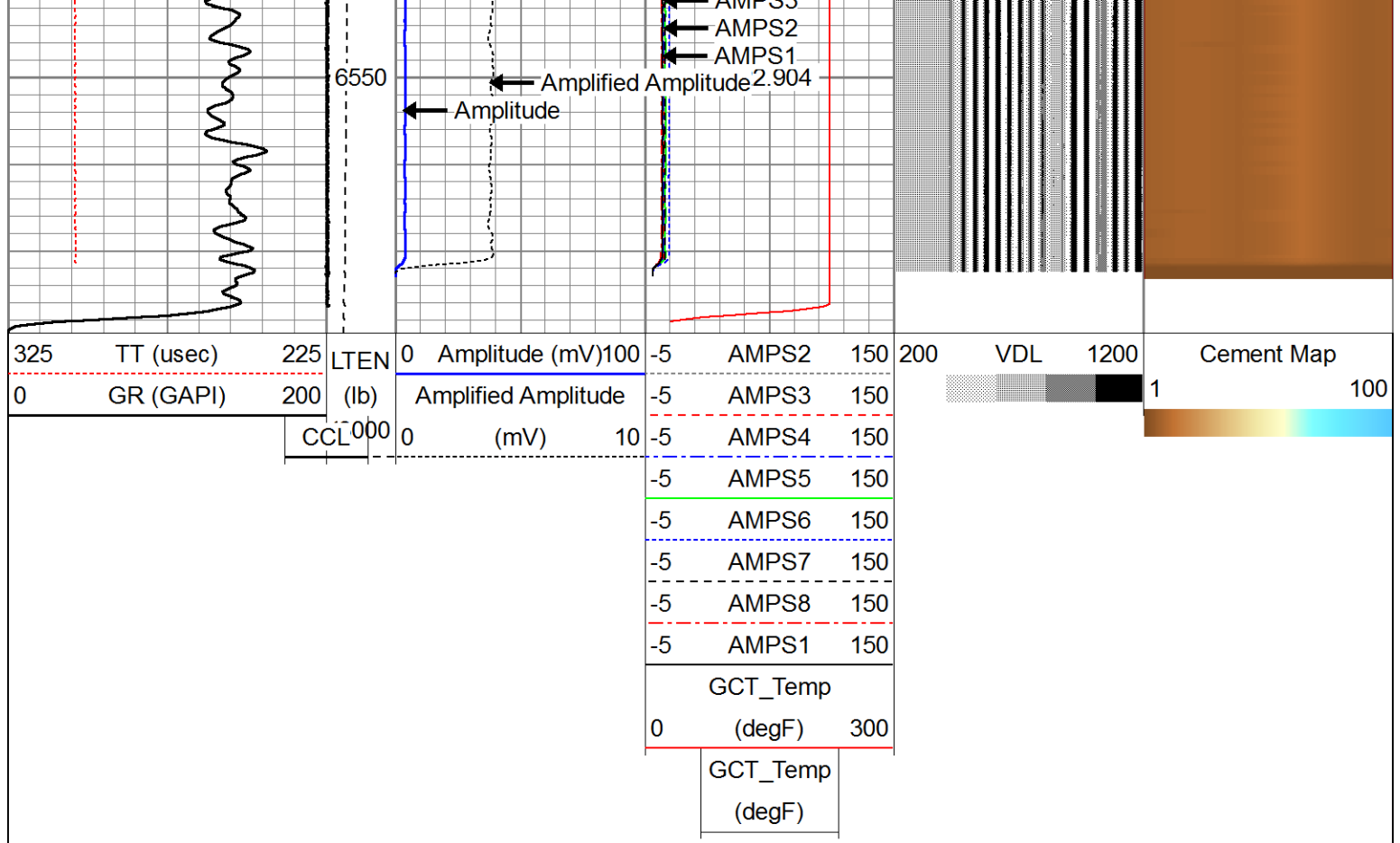












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