



**RADIAL CEMENT BOND LOG
GAMMA RAY, CCL**

Company	HELENA RESOURCES	Company	HELENA RESOURCES
Well	GRAEFE #1	Well	GRAEFE #1
Field	WILDWOOD	Field	WILDWOOD
County	WELD	County	WELD
State	COLO	State	COLO

Location:	SEC 26 TWP 9N RGE 62W	API # :	05-123-06129	Other Services
Permanent Datum	GL	Elevation	5012	Elevation K.B. D.F. G.L.
Log Measured From	KB			
Drilling Measured From	KB			

Date	30JUNE2025
Run Number	ONE
Depth Driller	8800
Depth Logger	8623
Bottom Logged Interval	8625
Top Log Interval	SURFACE
Open Hole Size	
Type Fluid	WATER
Density / Viscosity	-----
Max. Recorded Temp.	NA
Estimated Cement Top	SEE LOG
Time Well Ready	ROA
Time Logger on Bottom	AM
Equipment Number	3
Location	STERLING
Recorded By	LUKE UNREIN
Witnessed By	JEREMY R

Run Number	Borehole Record		Tubing Record				
	Bit	From	To	Size	Weight	From	To
Casing Record							
Surface String		Size		Mq/ft	Top	Bottom	
Prot. String							
Production String		5 1/2"		17	SURFACE		
Liner							

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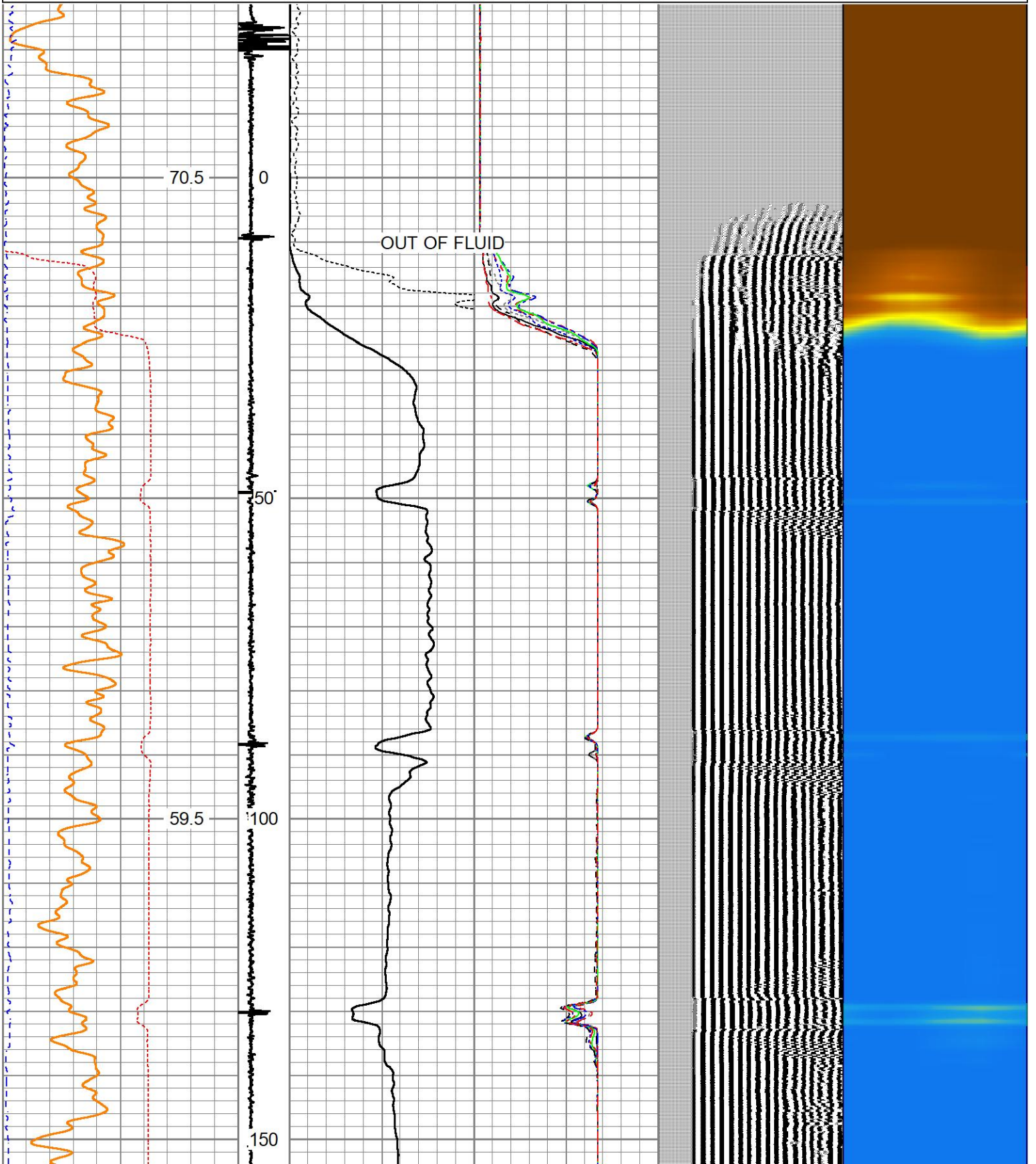
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

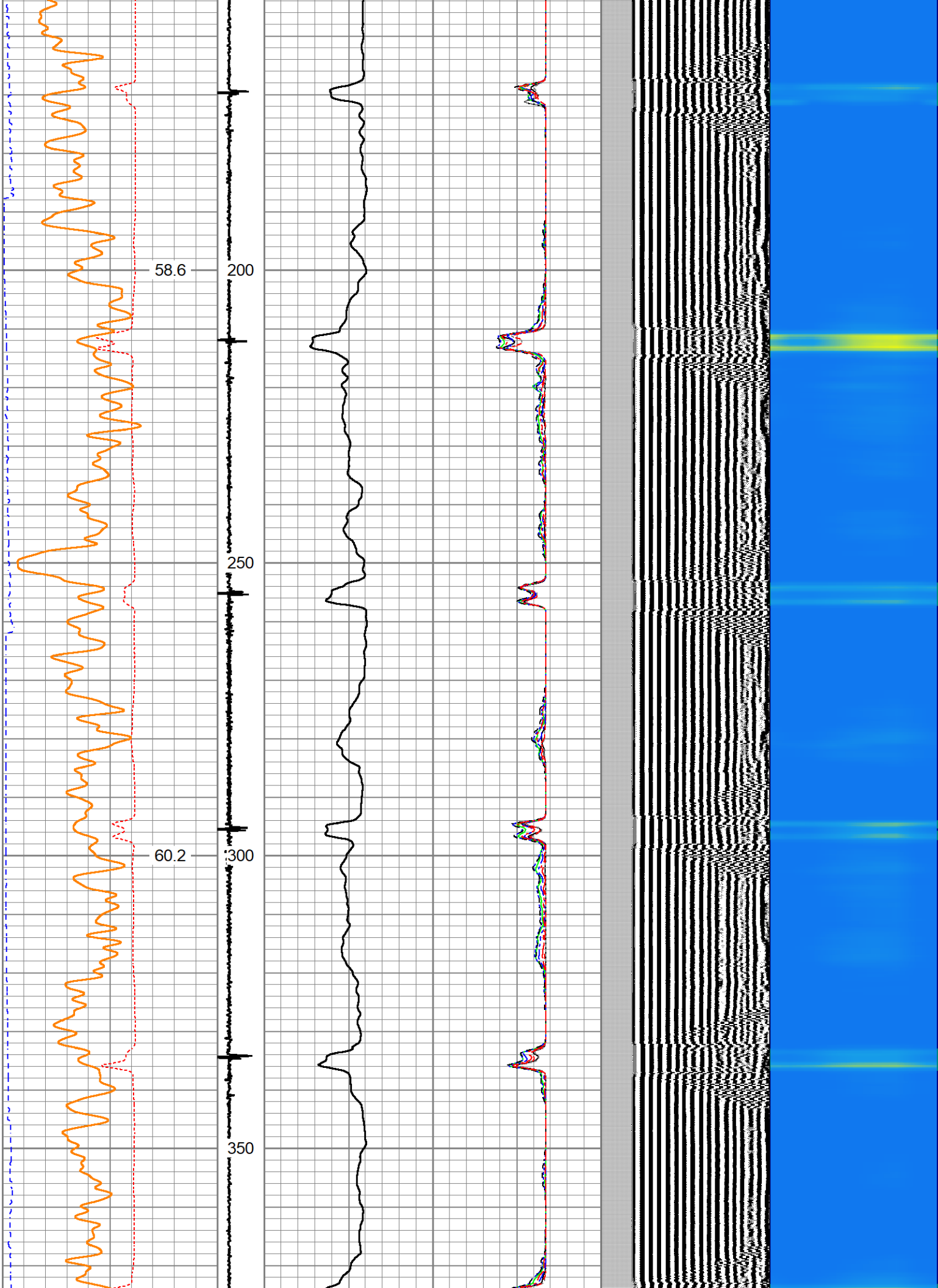
Comments

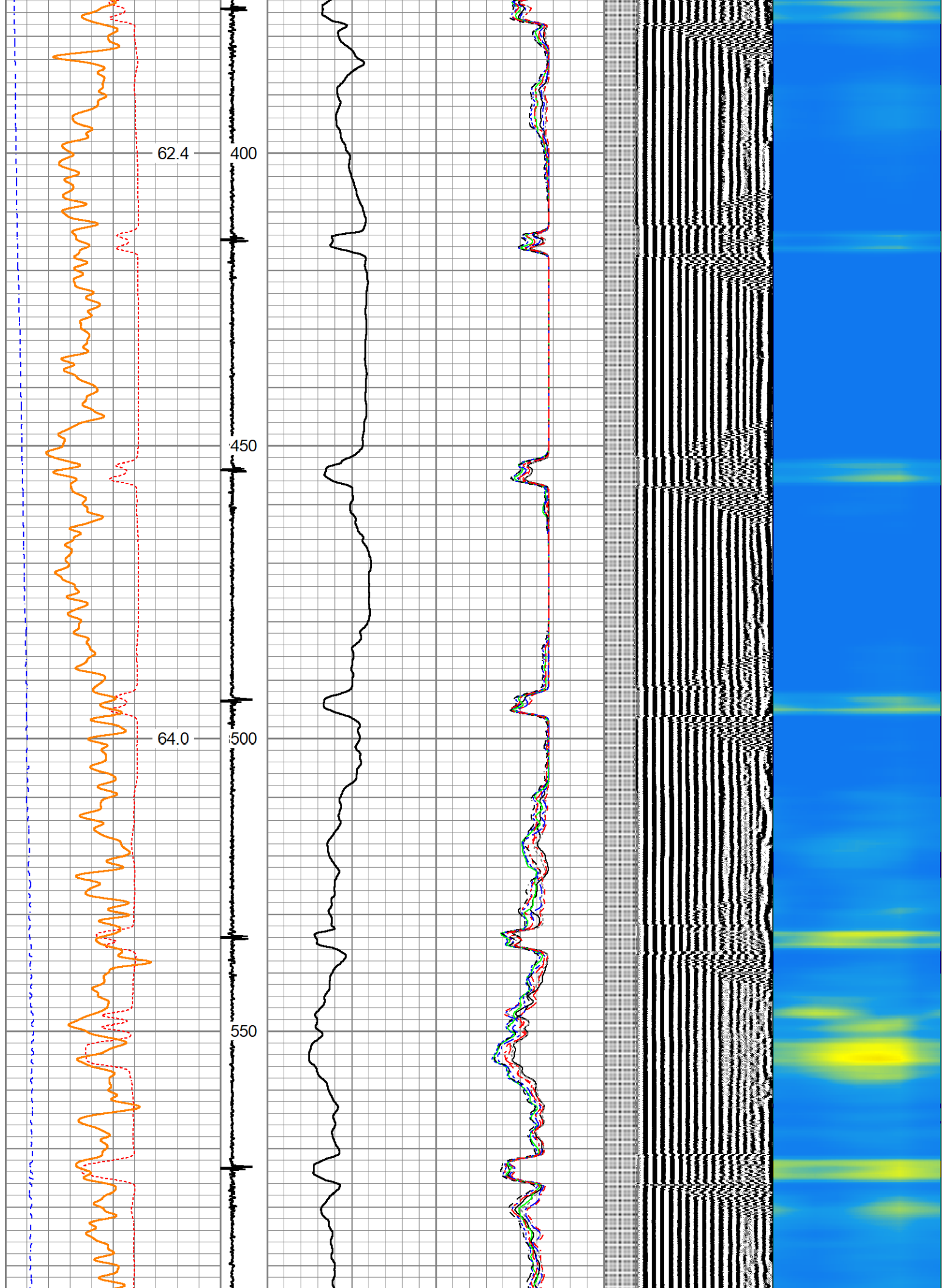
THANK YOU FOR CHOSSING BRAND-X WIRELINE
LOG CORRELATED TO A BAKER HUGHES HIGH DEFINAITON INDUCTION LOG
RAN 21-NOV-2002

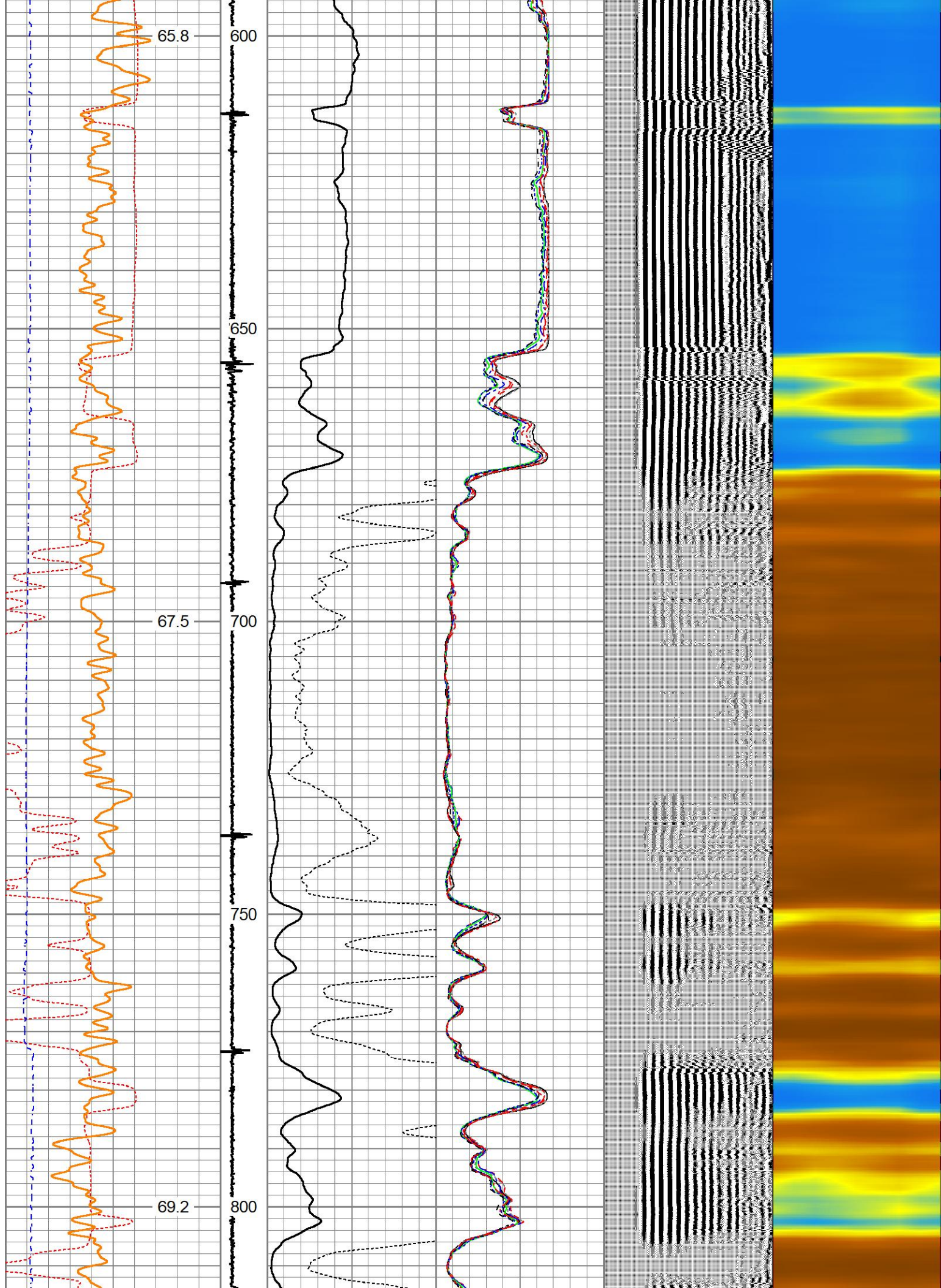
Database File	graefe#1.db
Dataset Pathname	pass3
Presentation Format	bx_rcbl
Dataset Creation	Mon Jun 30 08:18:54 2025
Charted by	Depth in Feet scaled 1:240

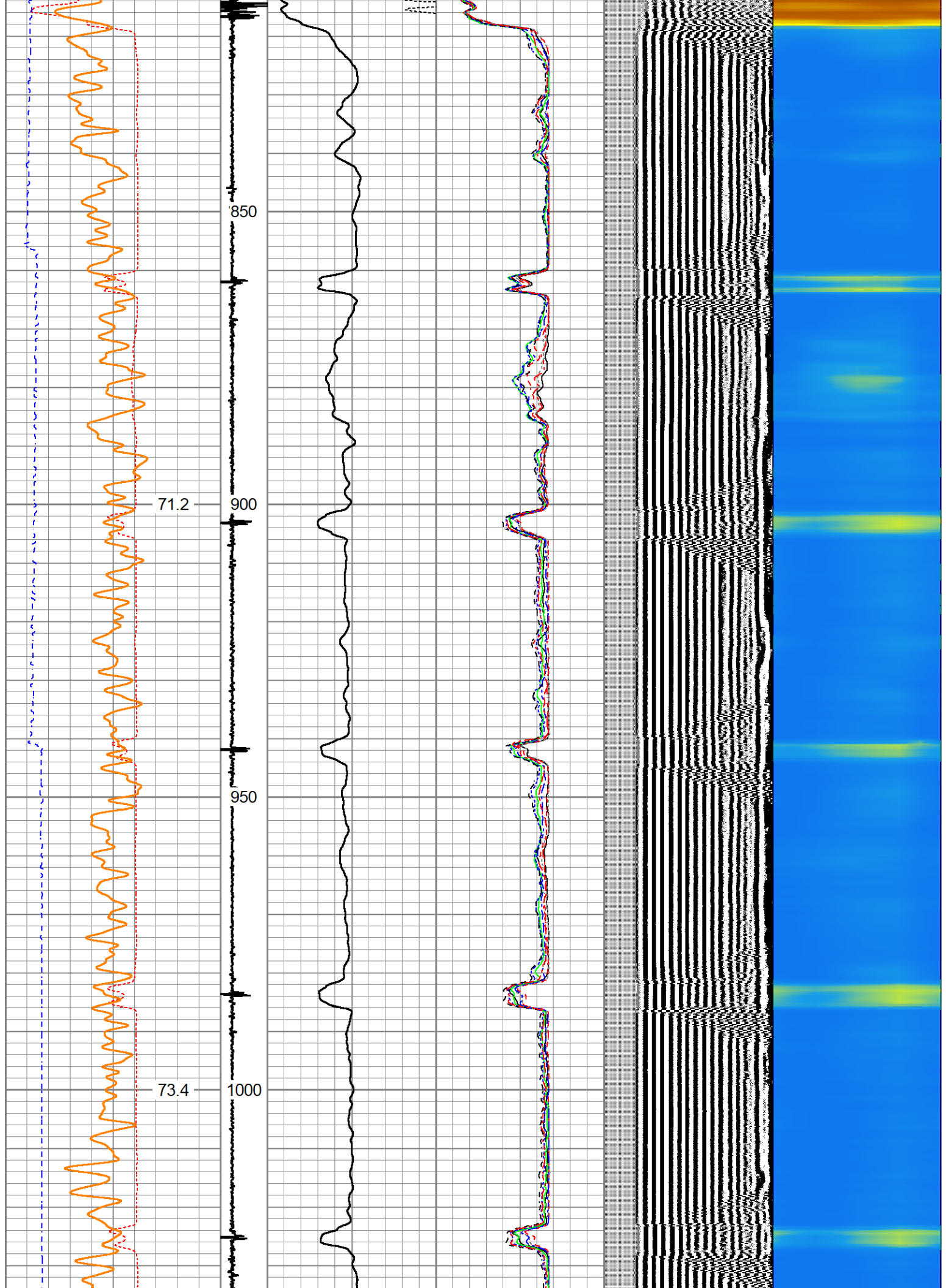
400	Travel Time (usec)	200	CCL\$1	0	Amplitude (mV)	100	-5	Sector 1	150	Variable Density	1	Cement Map	8
0	Gamma Ray (GAPI)	200	1	-3	Amplified Amplitude	100	-5	Sector 2	150	200	(usec)	1200	
0	Line Tension (lb)	2000			0	(mV)	10	-5	Sector 3	150			
	Temp (degF)							-5	Sector 4	150			
								-5	Sector 5	150			
								-5	Sector 6	150			
								-5	Sector 7	150			
								-5	Sector 8	150			

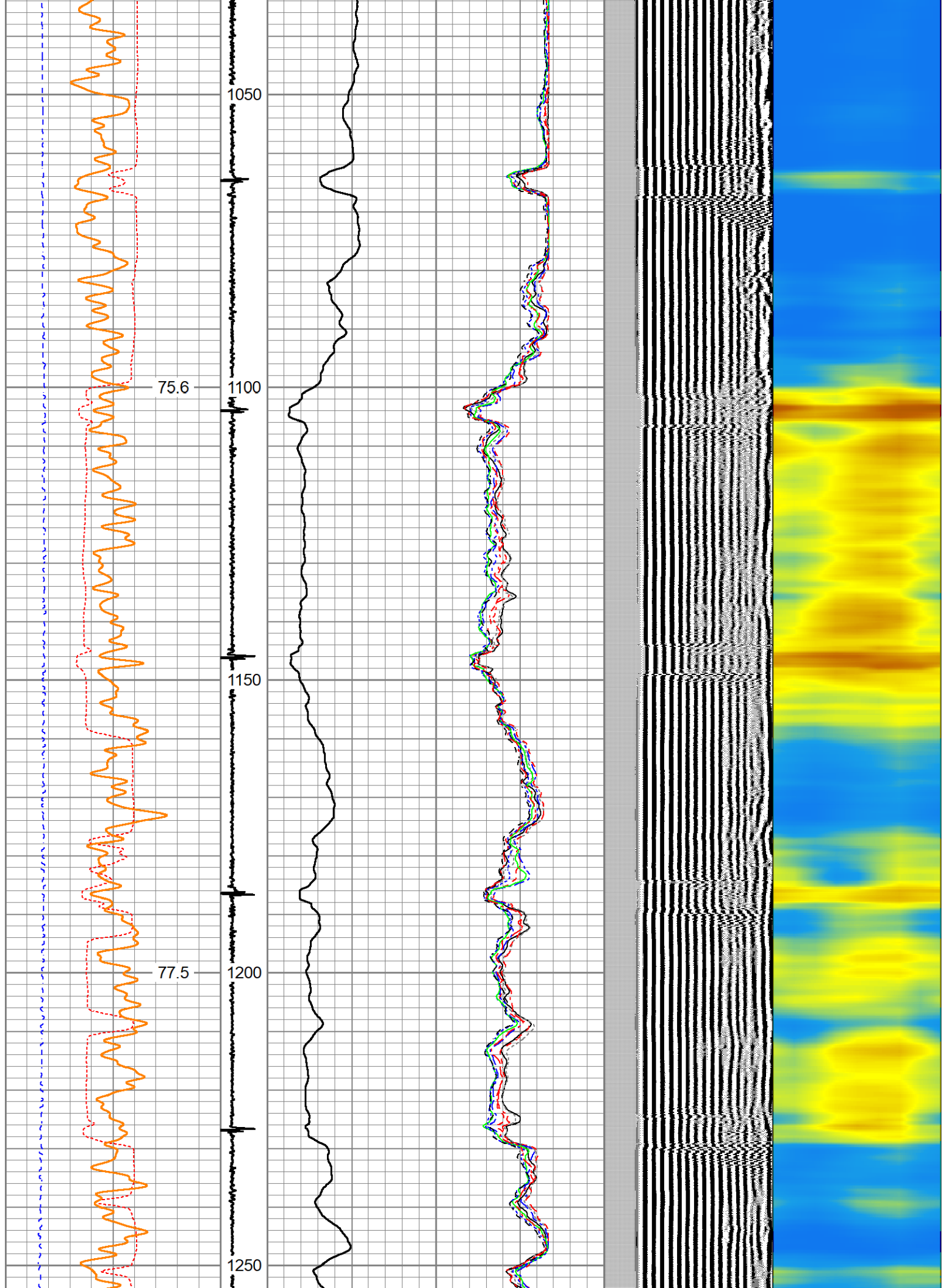


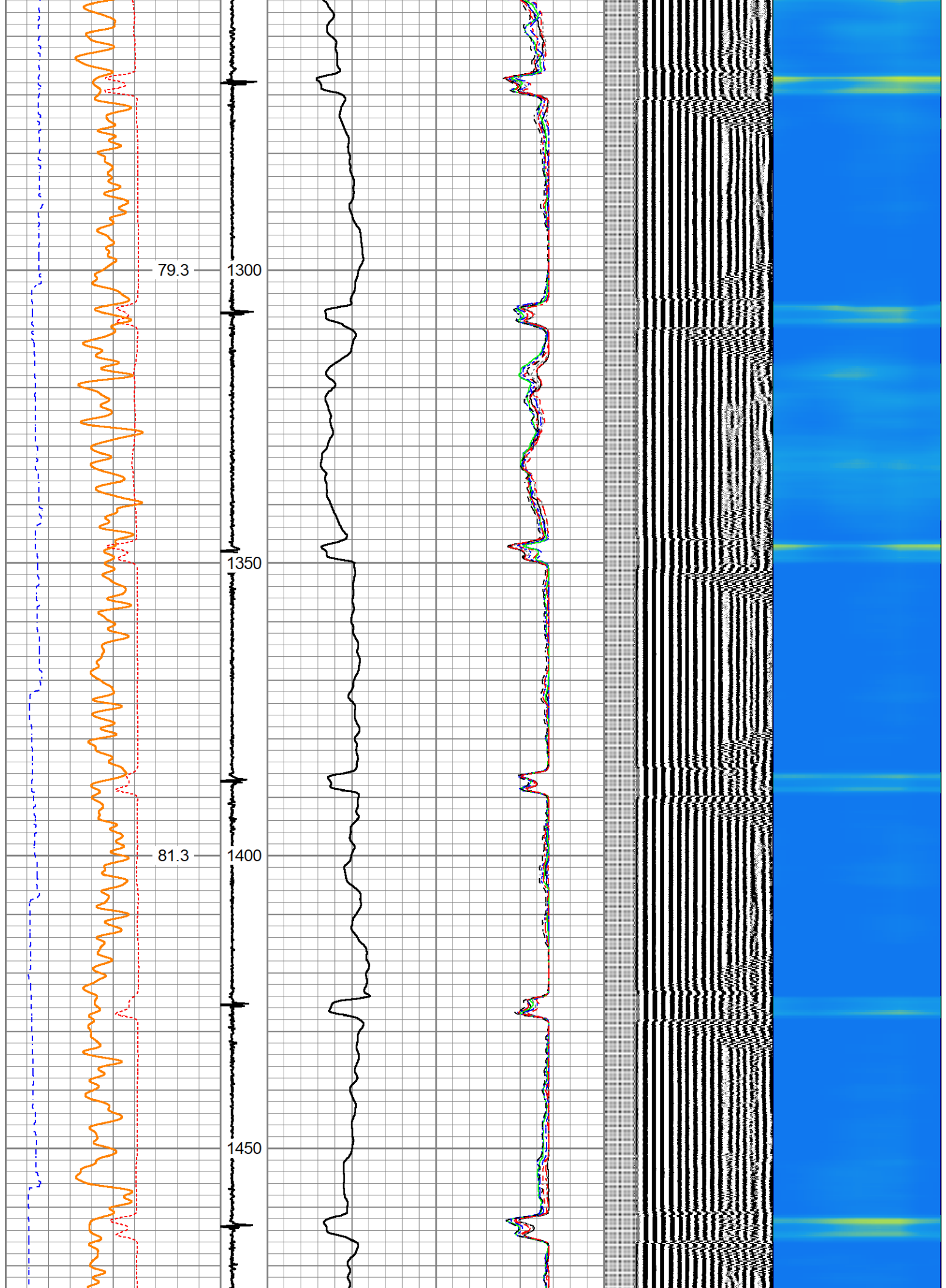


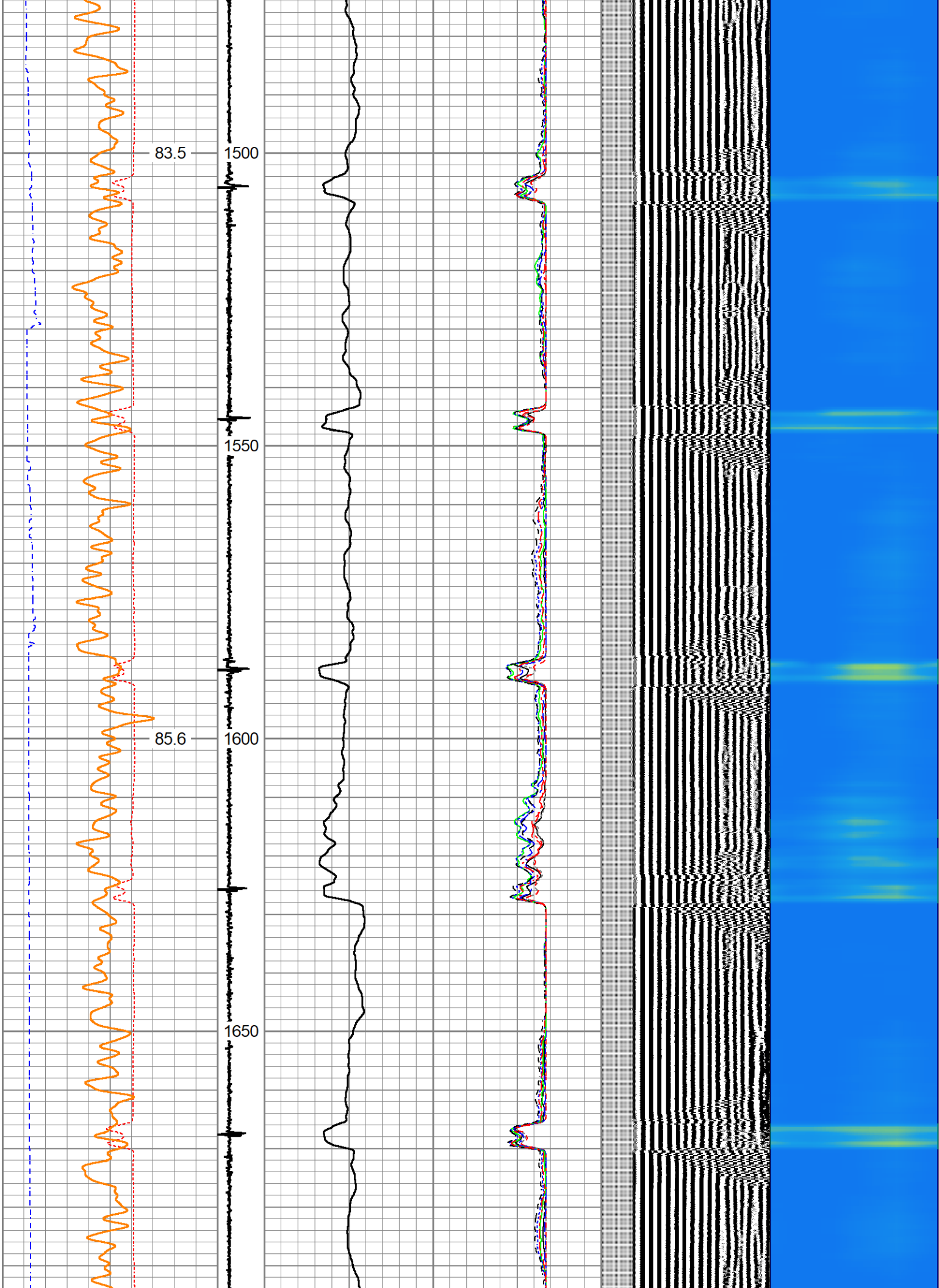


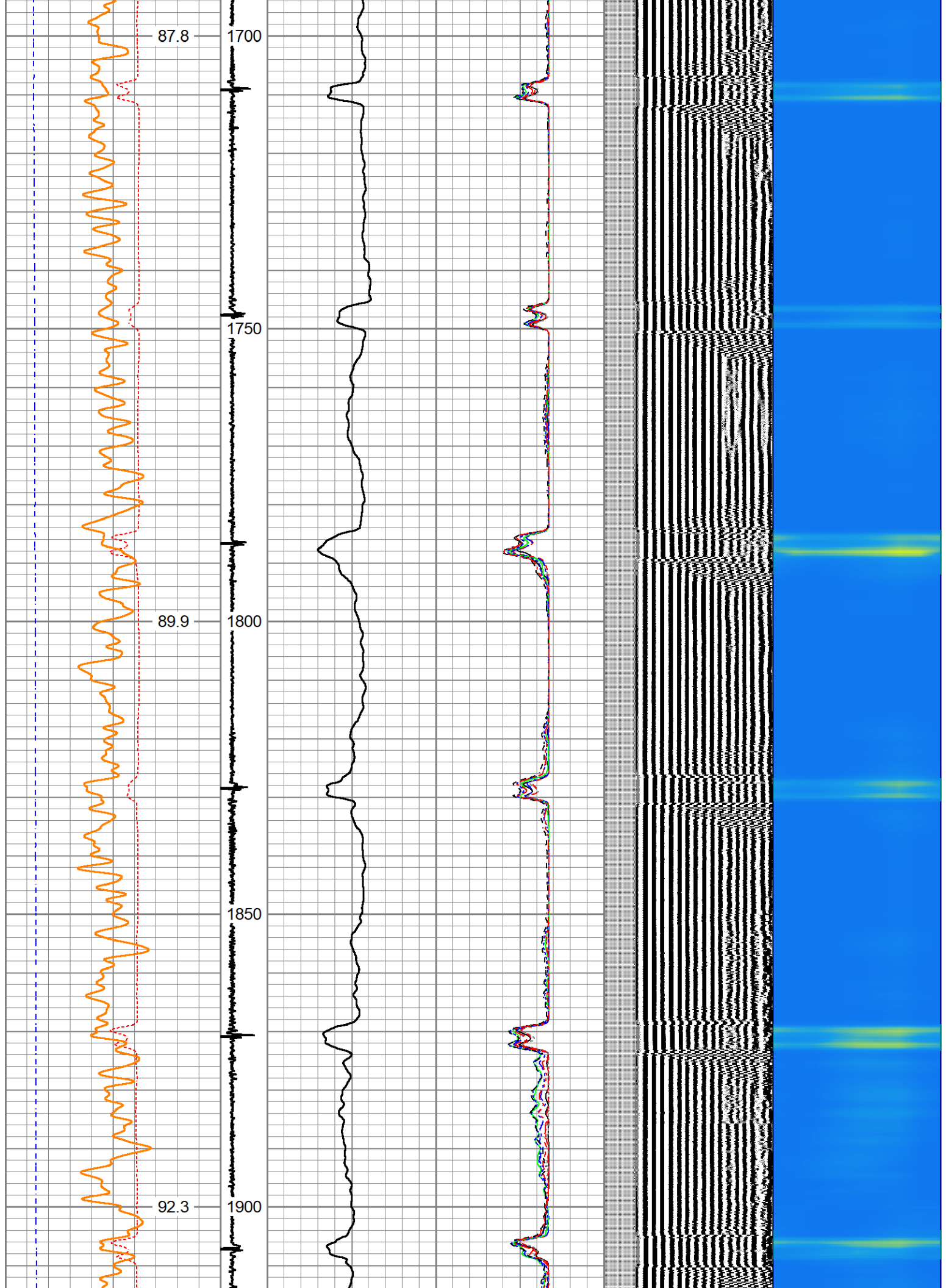


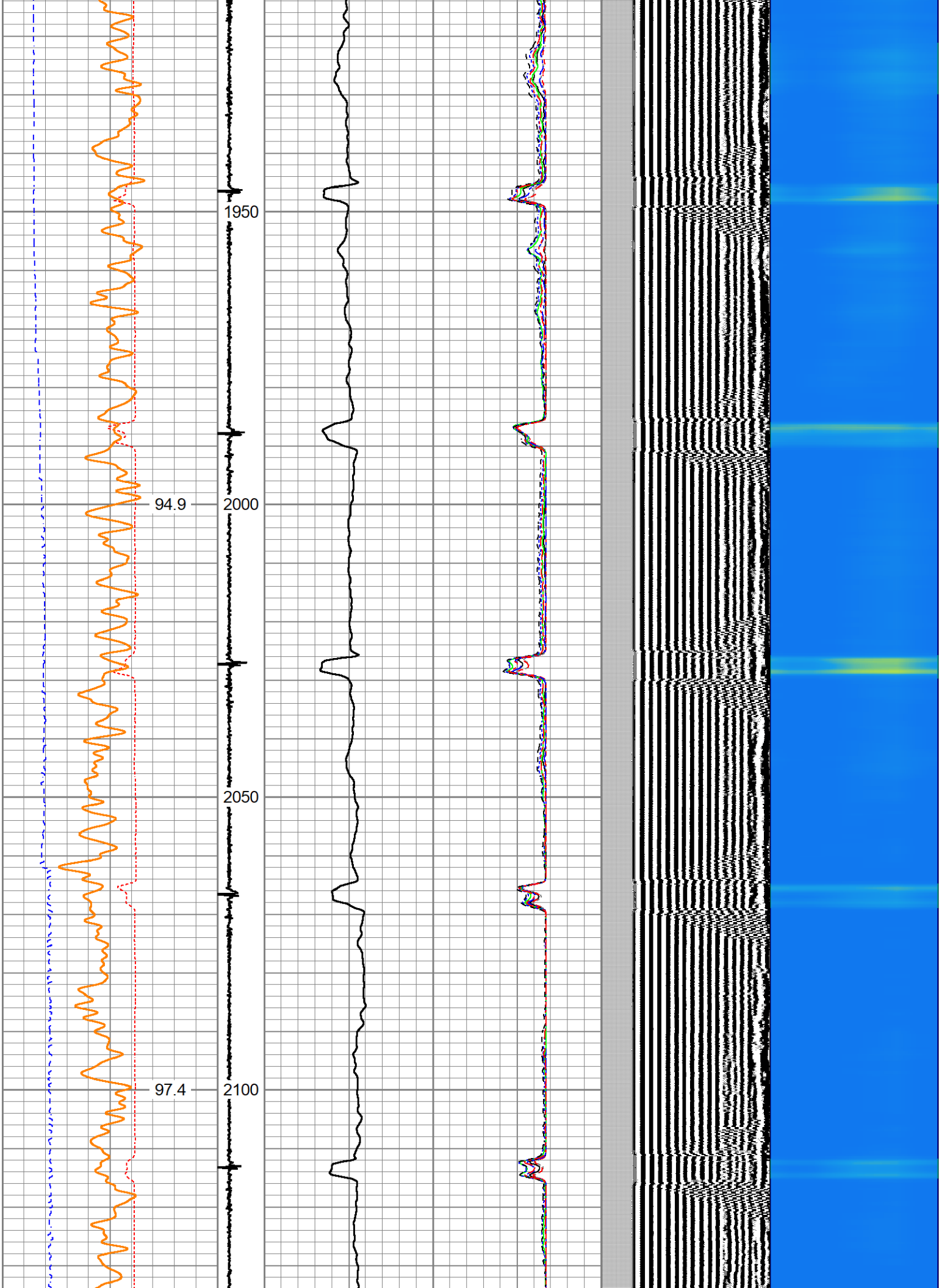


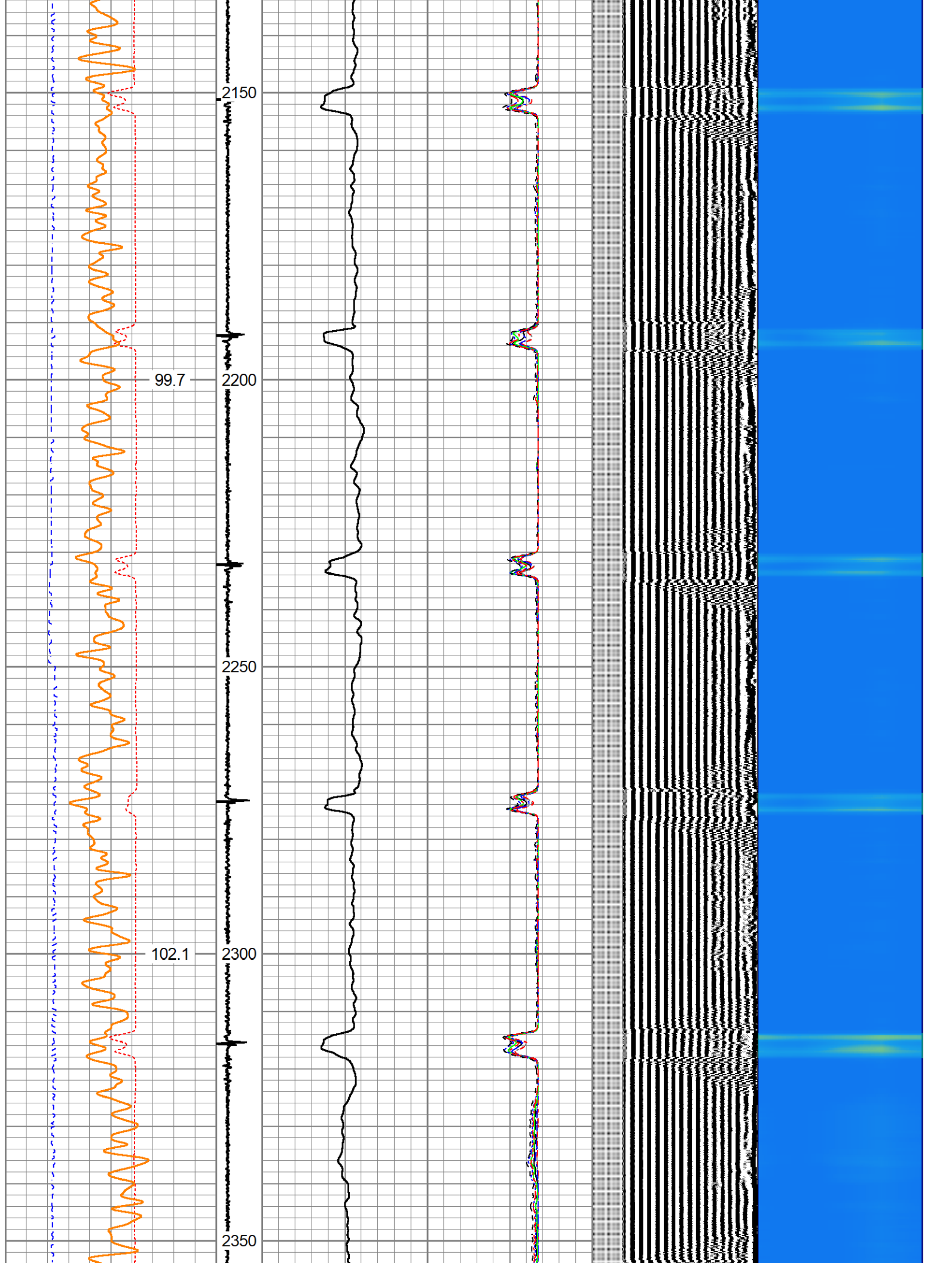


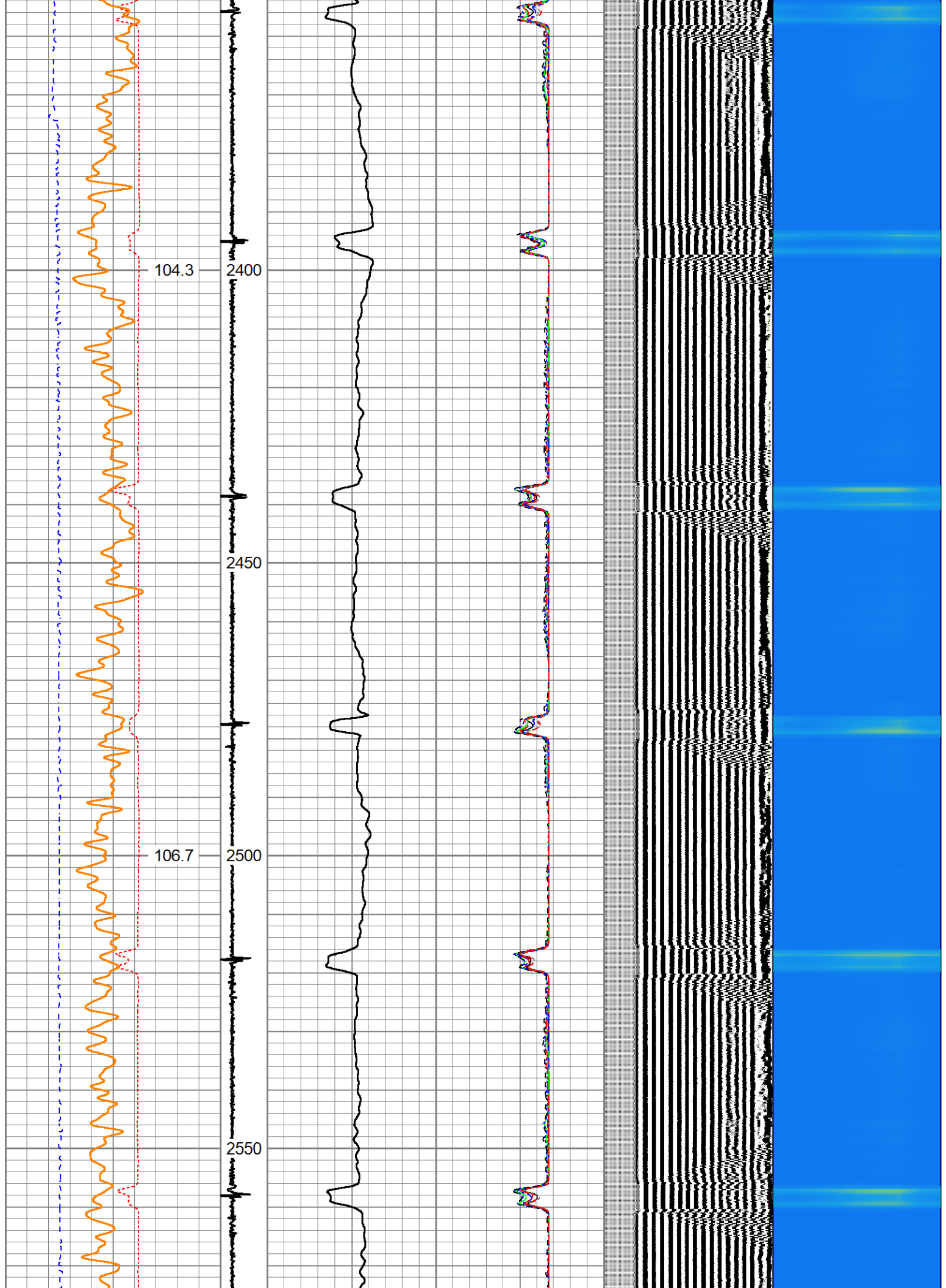


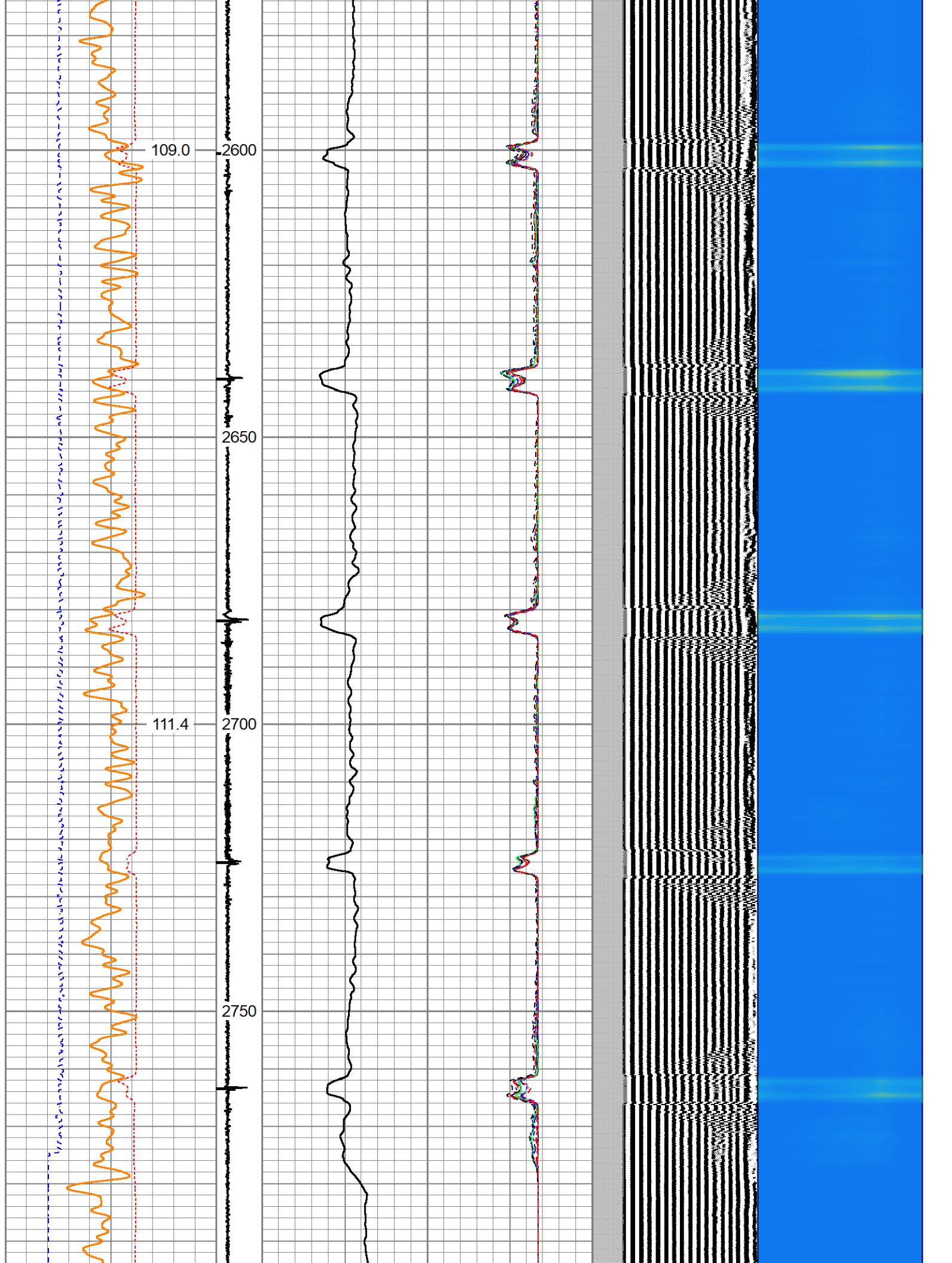


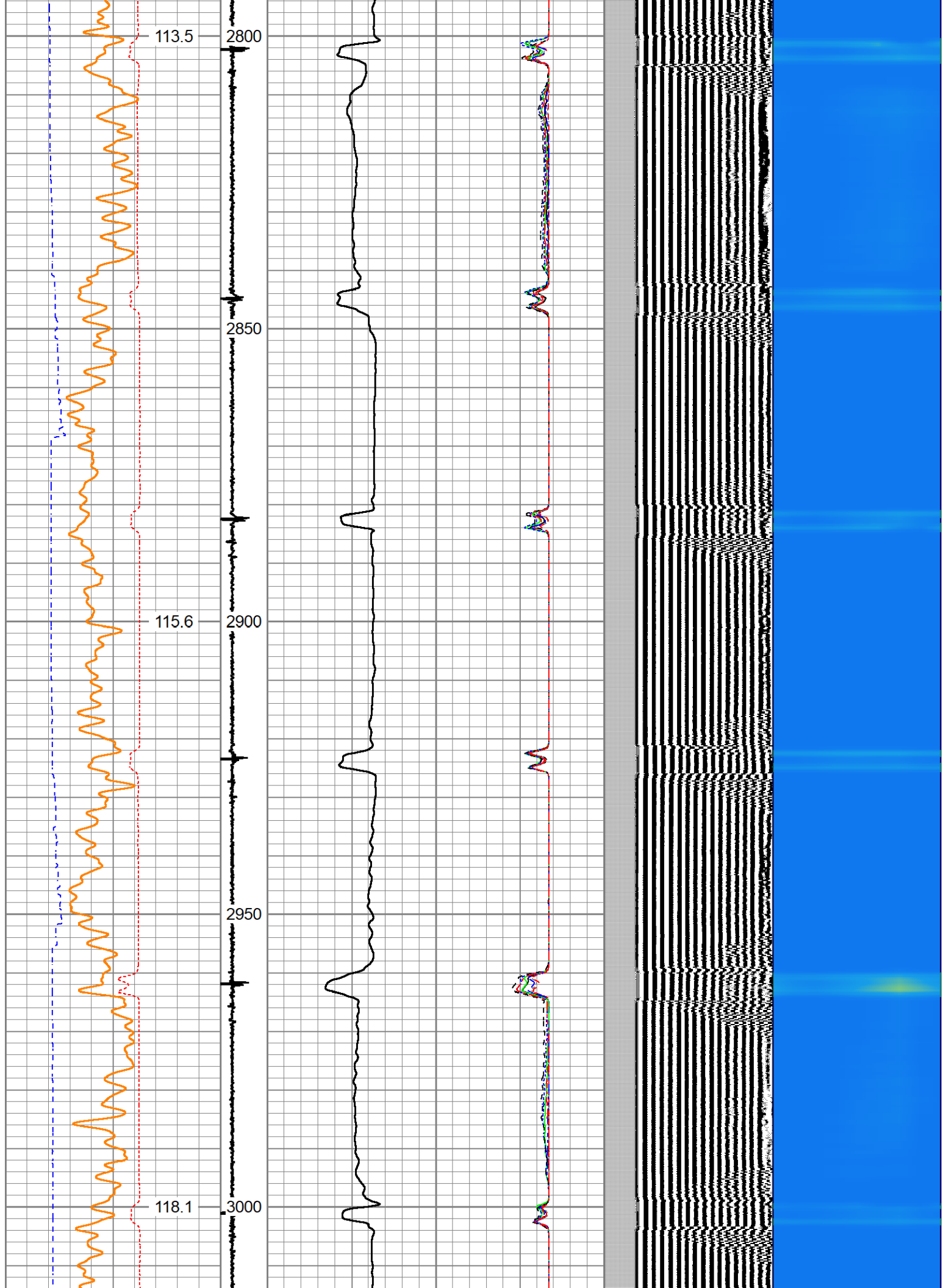


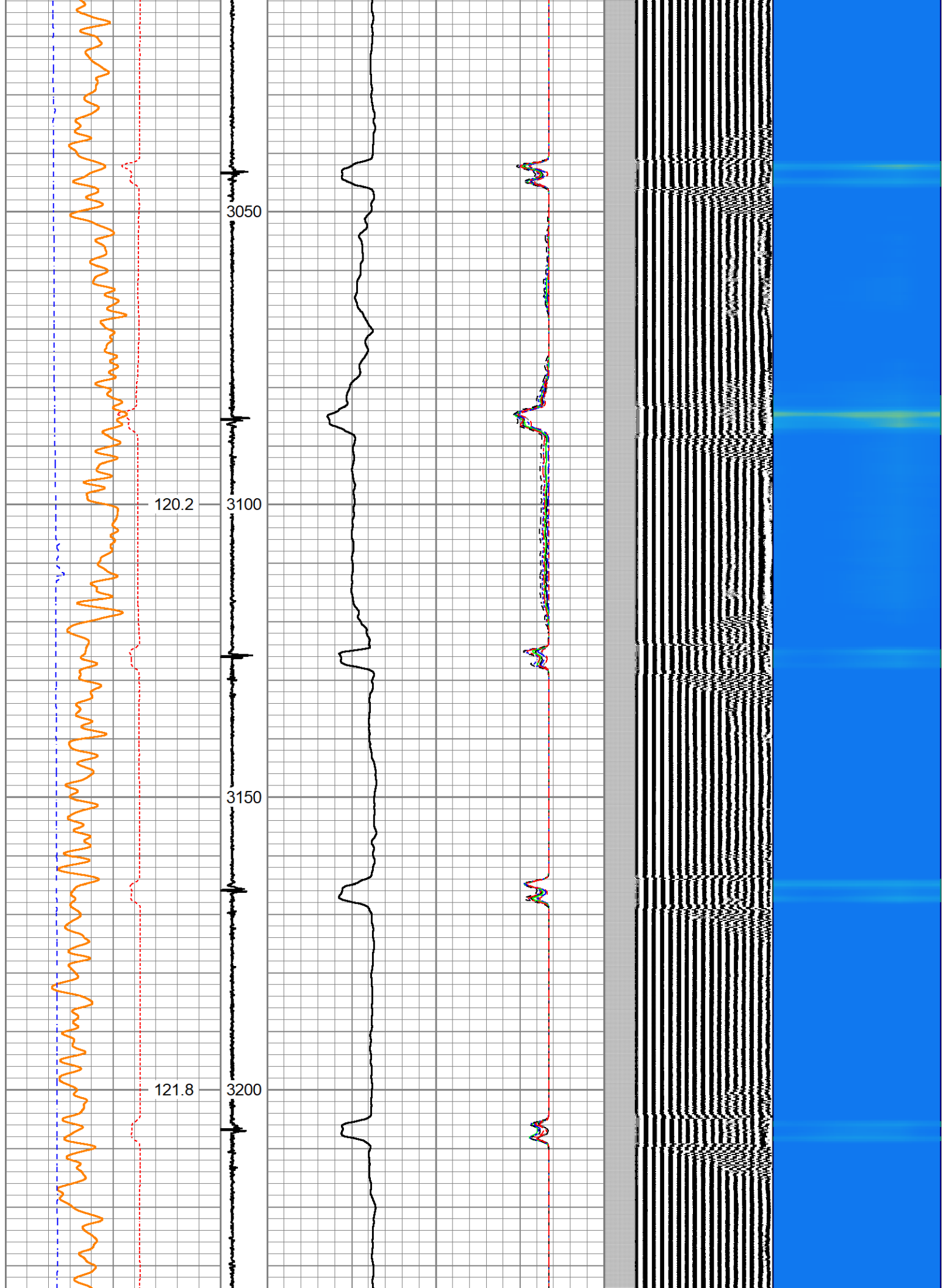


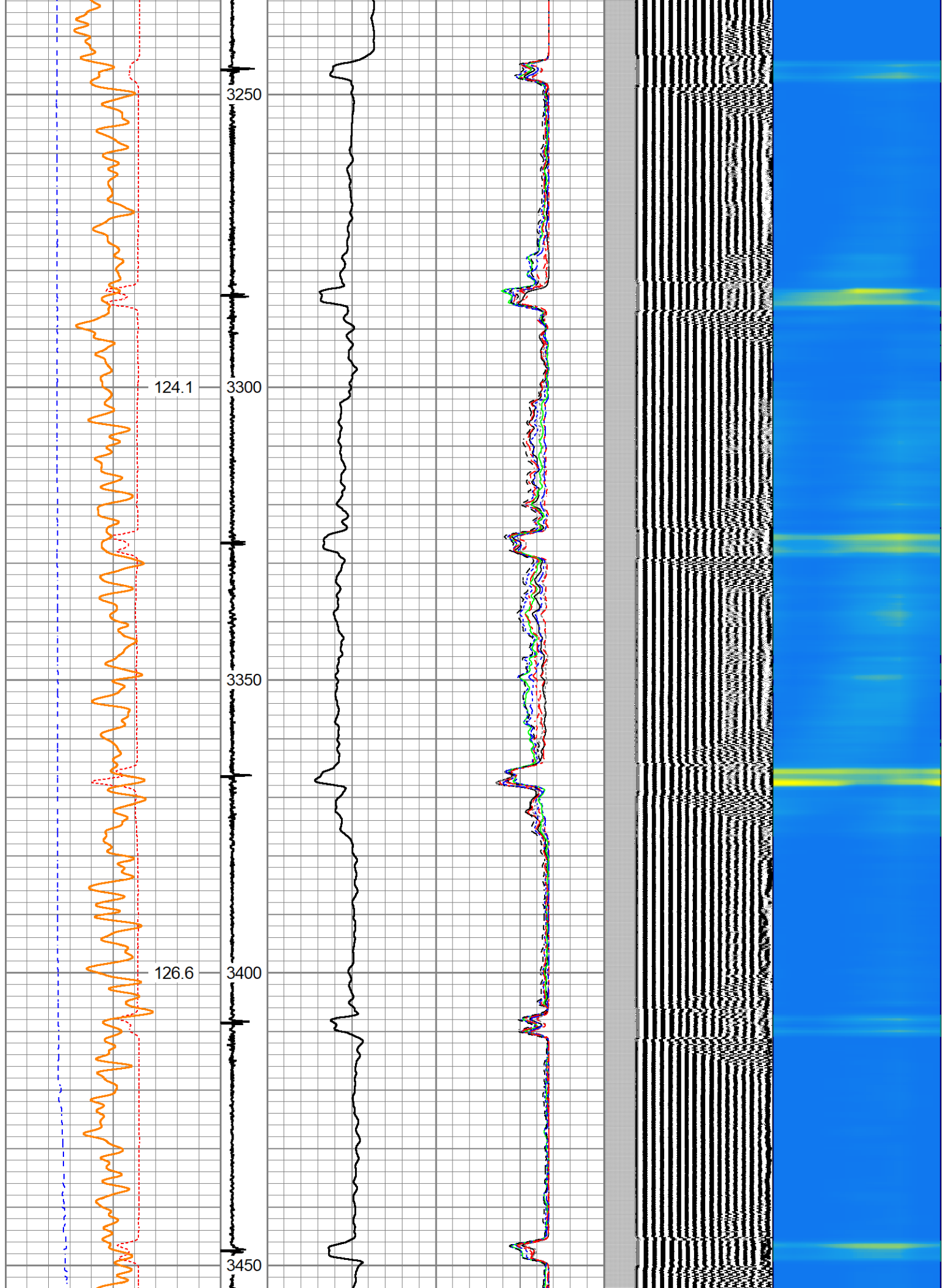


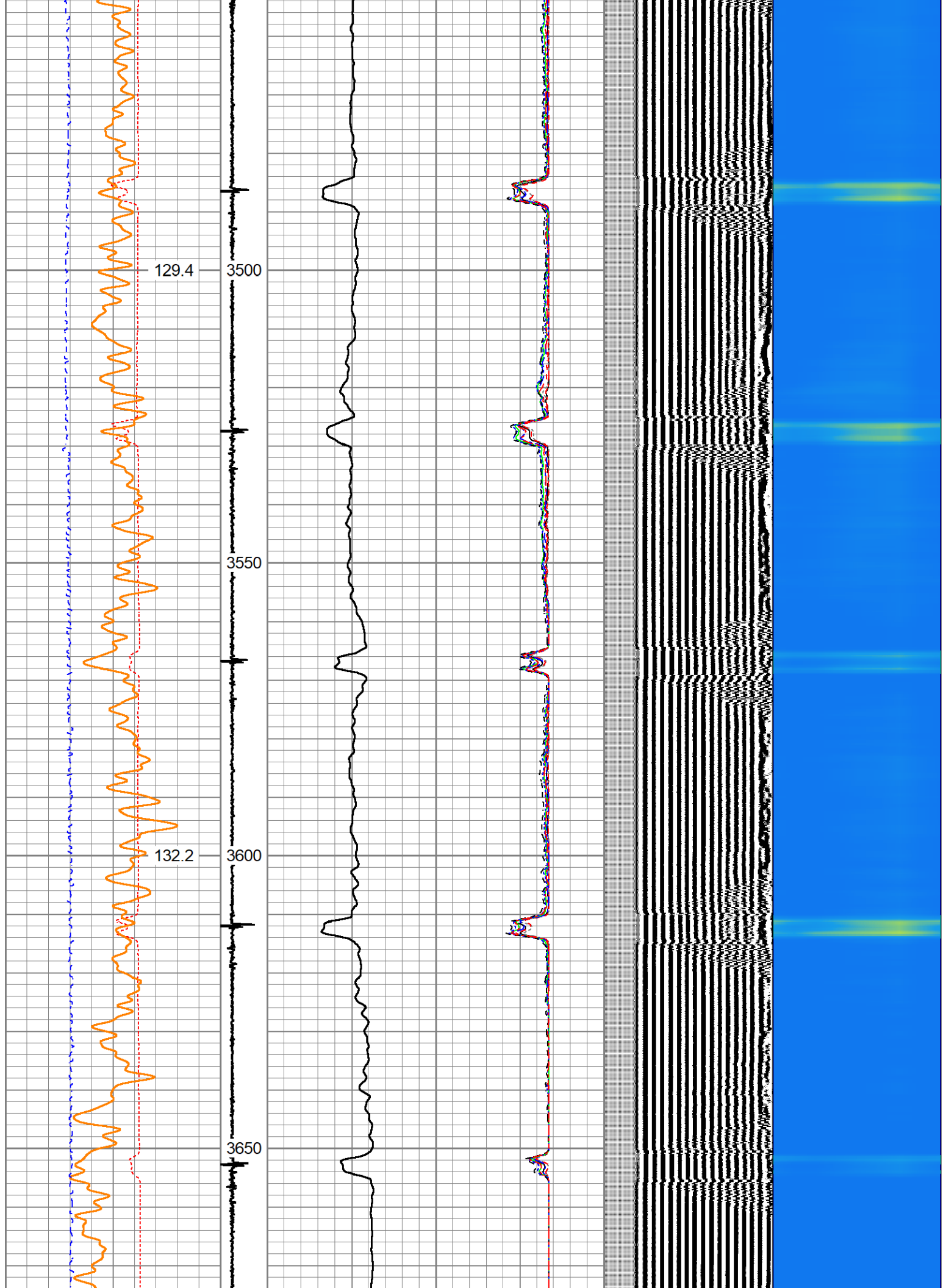


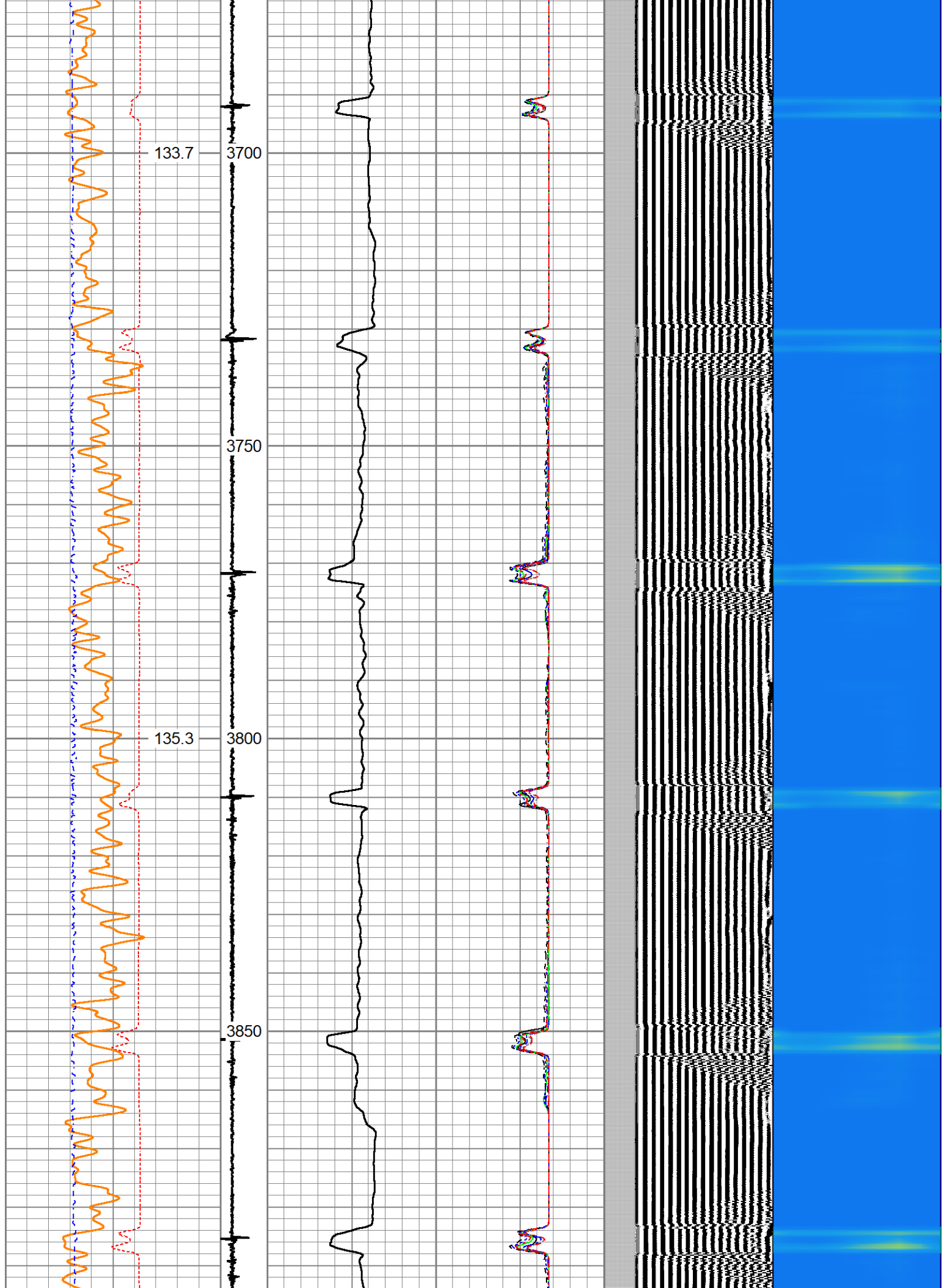


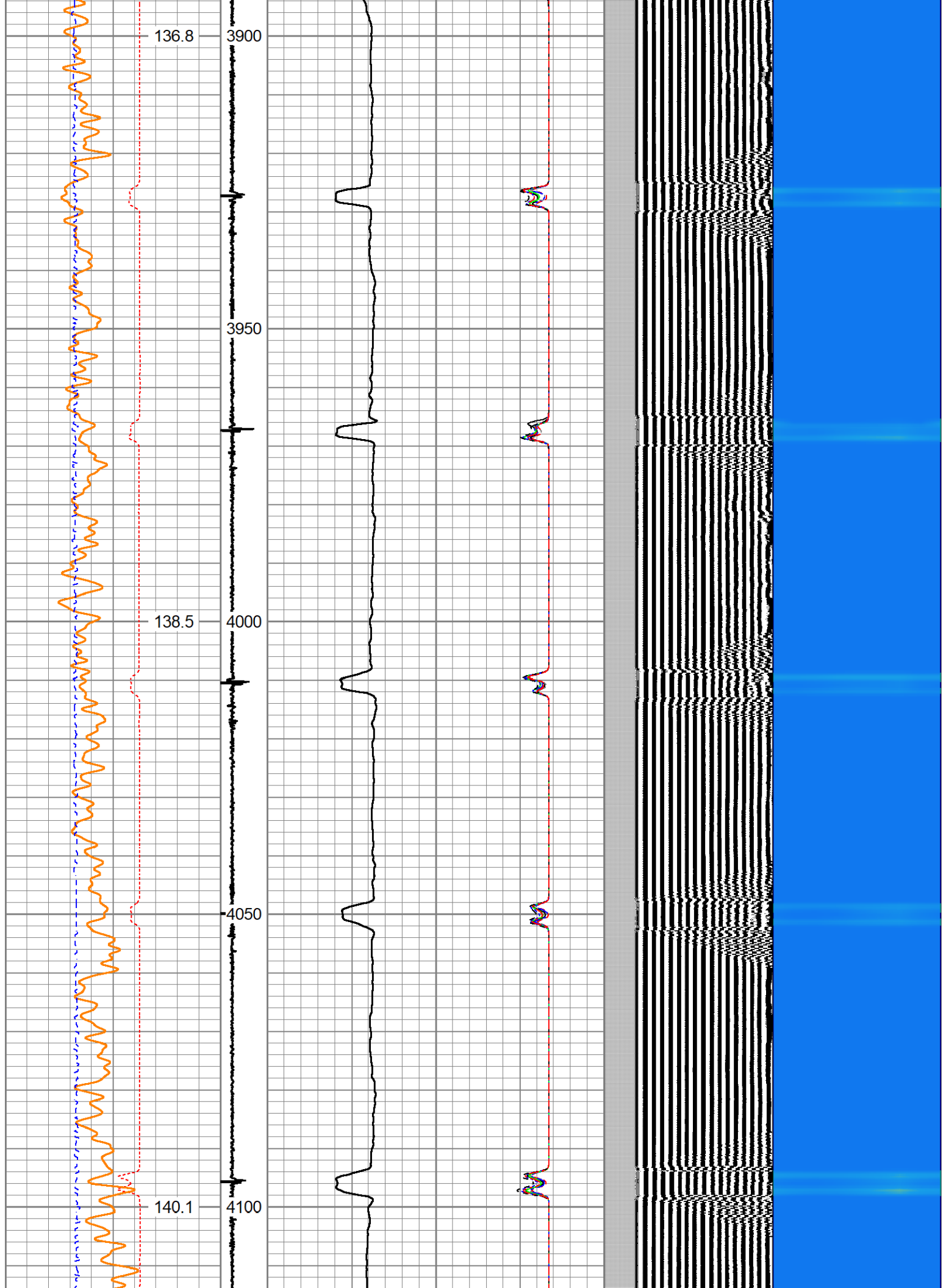


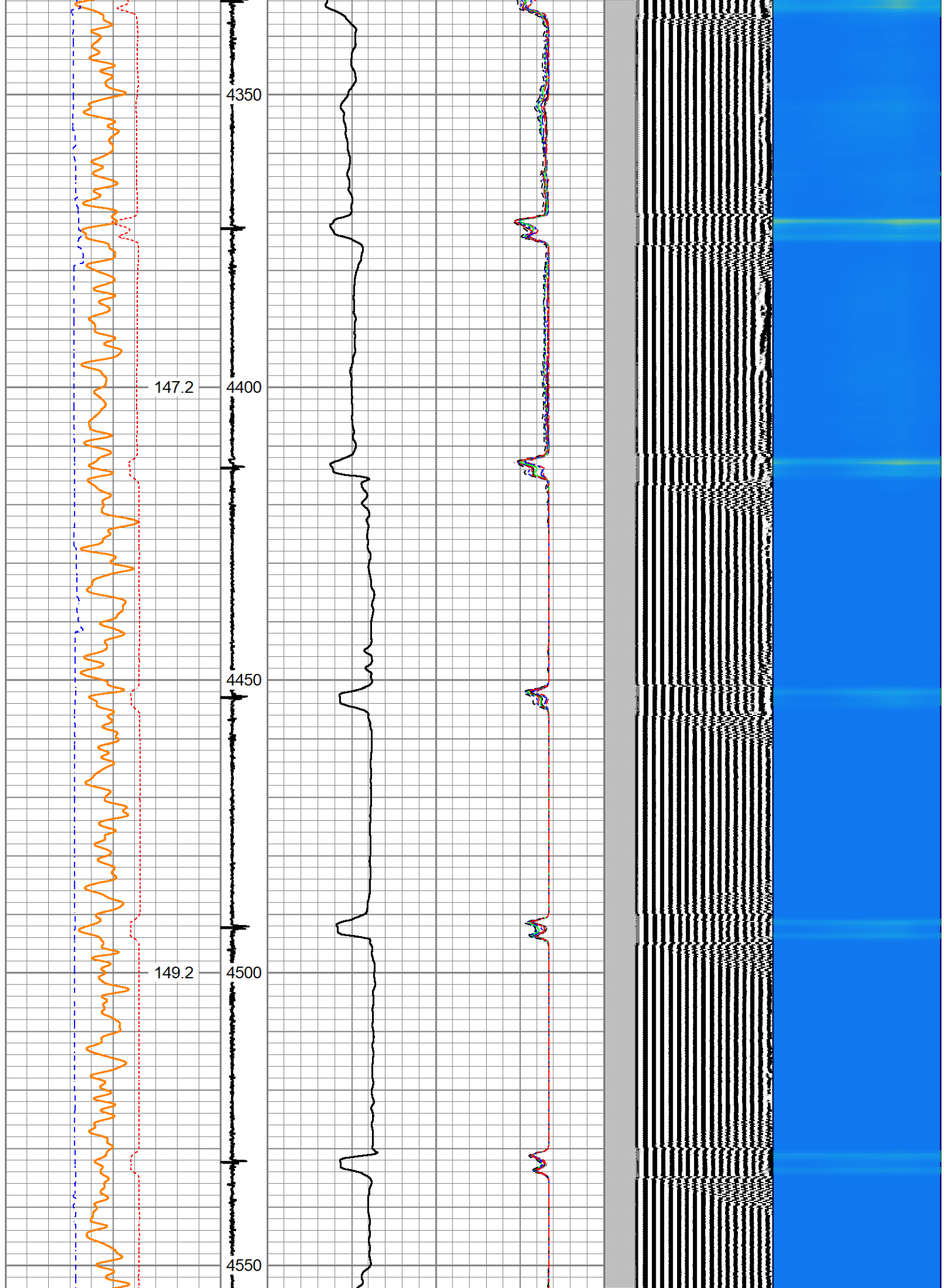


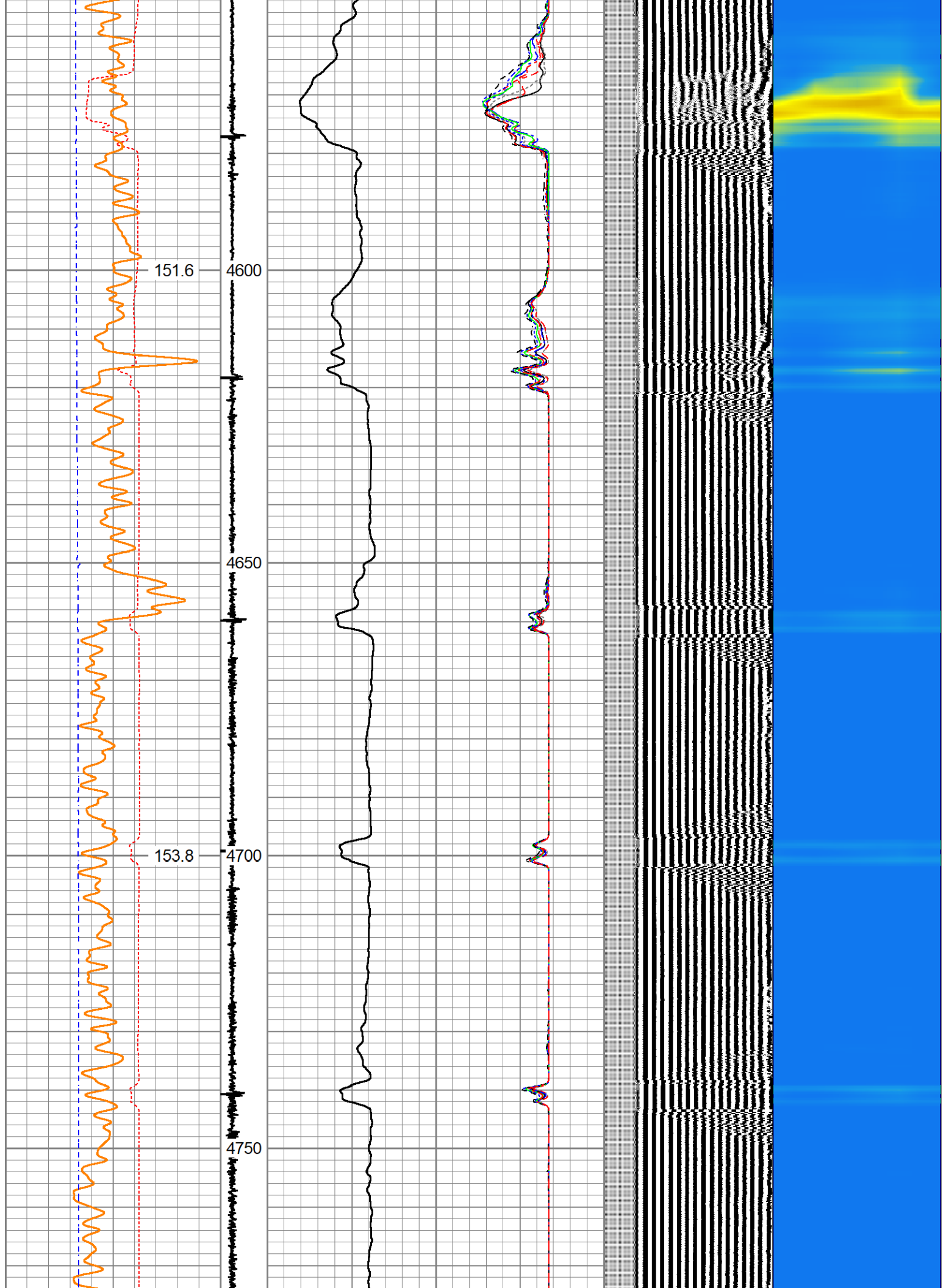


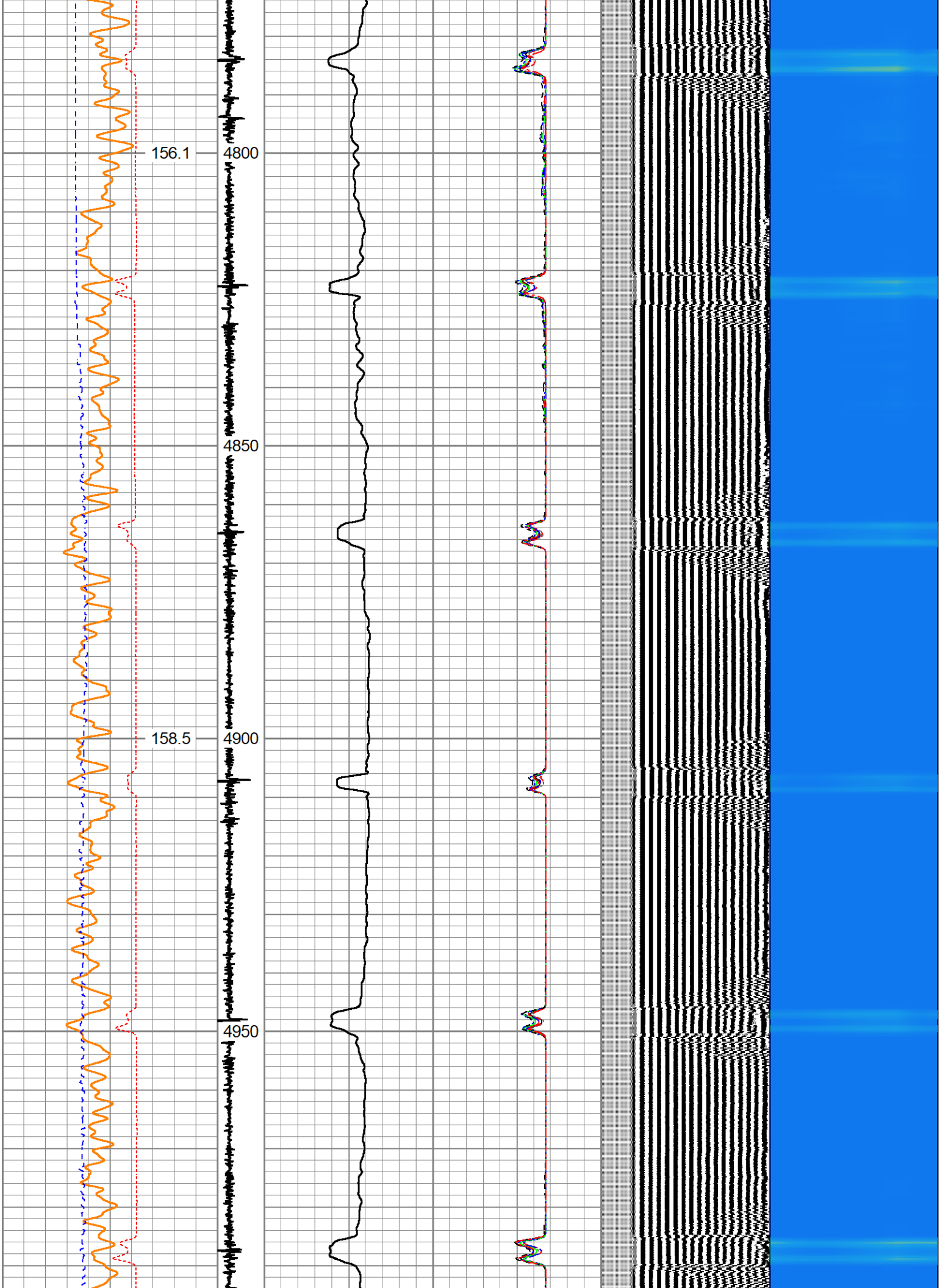


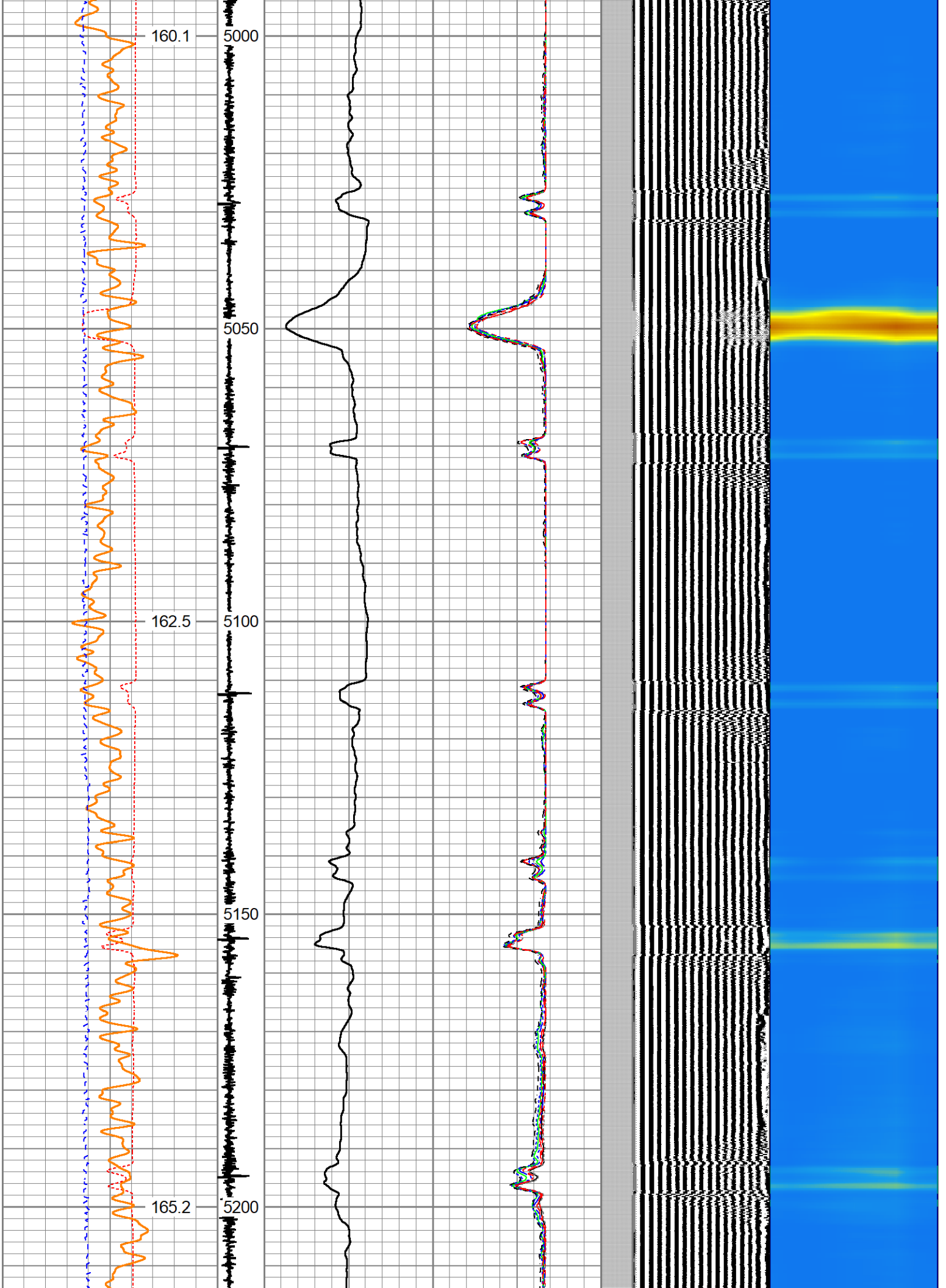


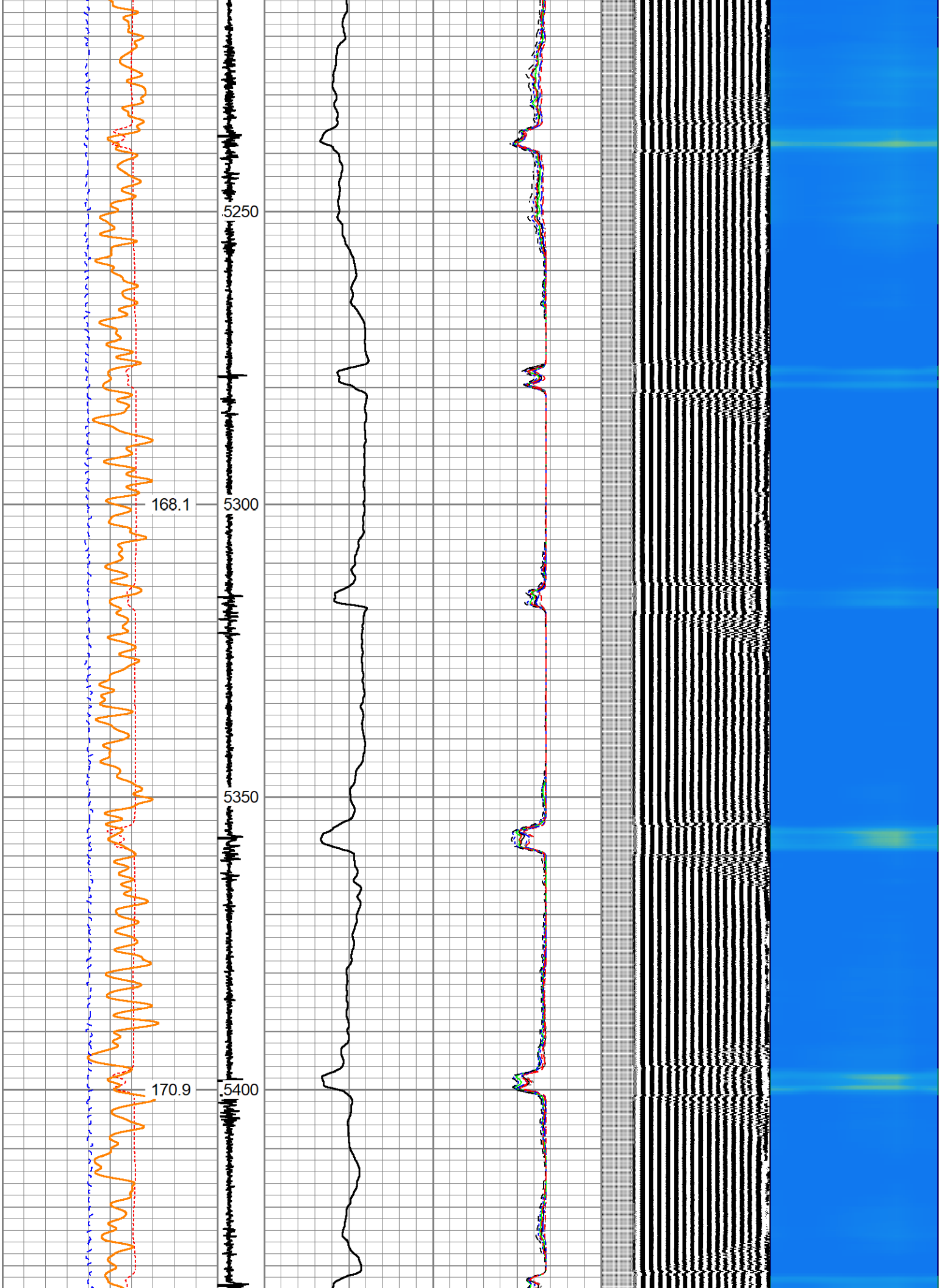


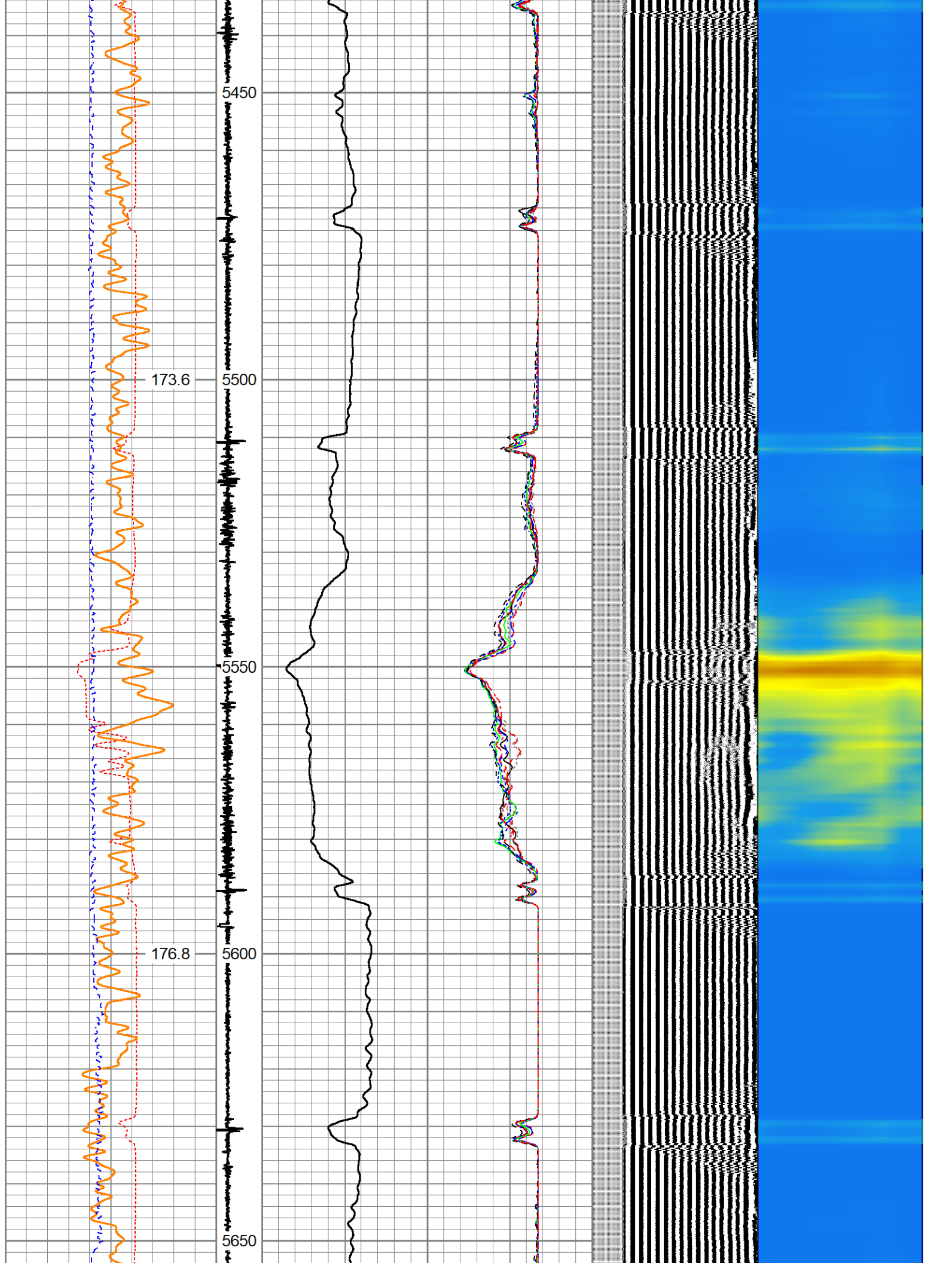


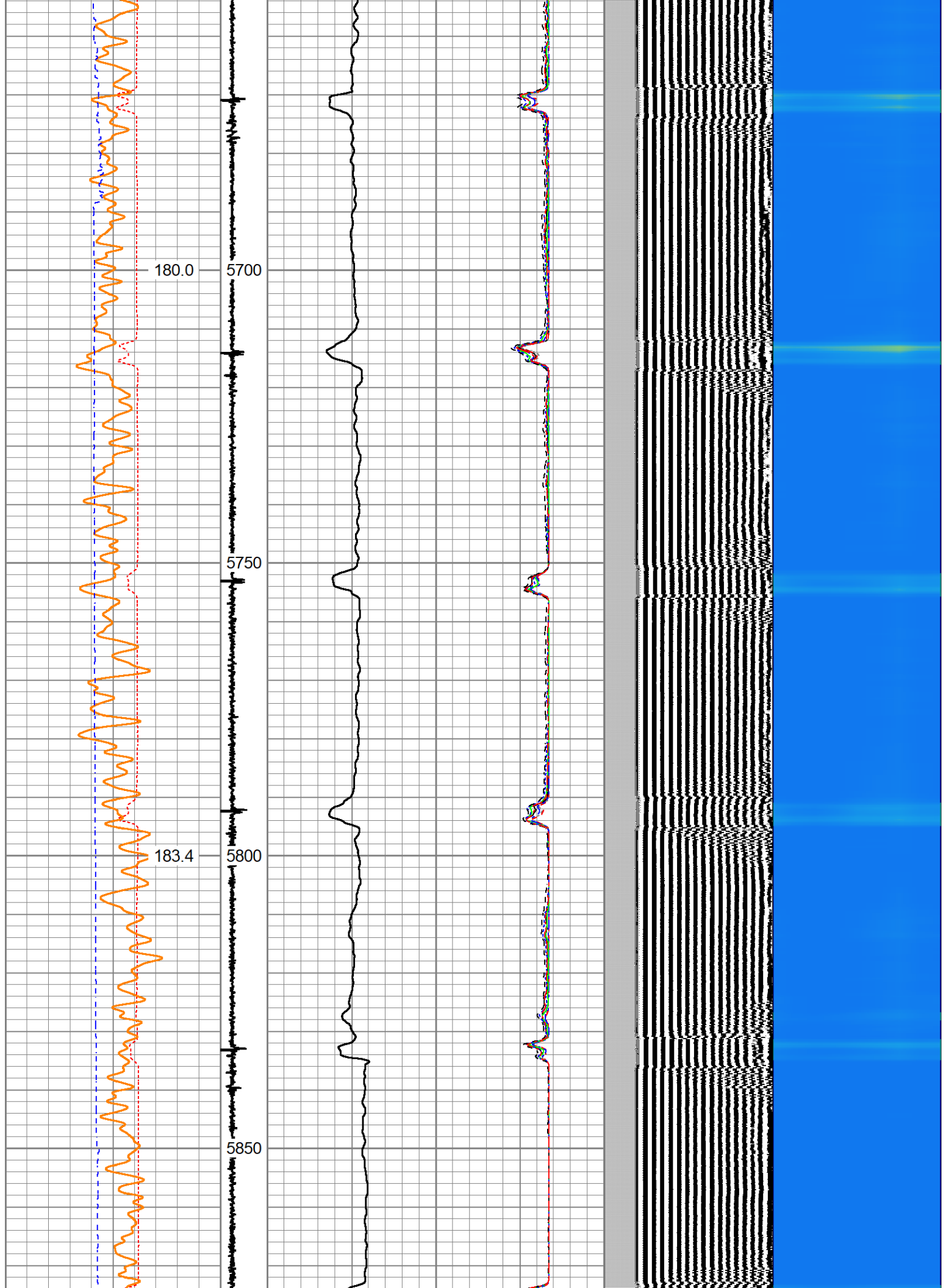


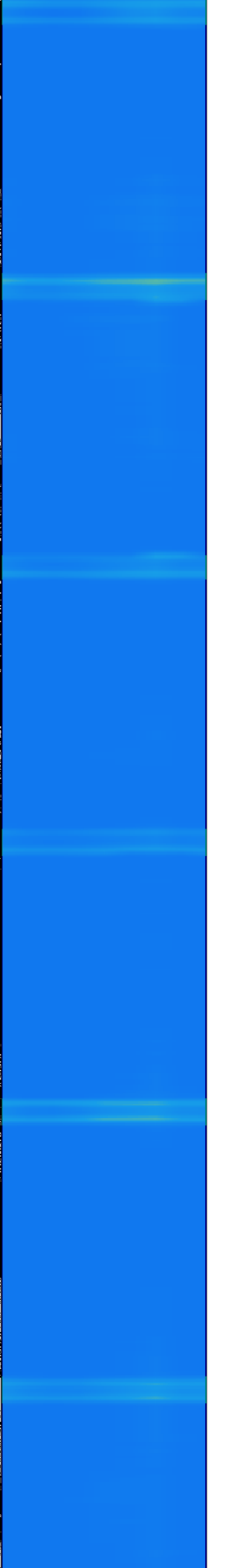
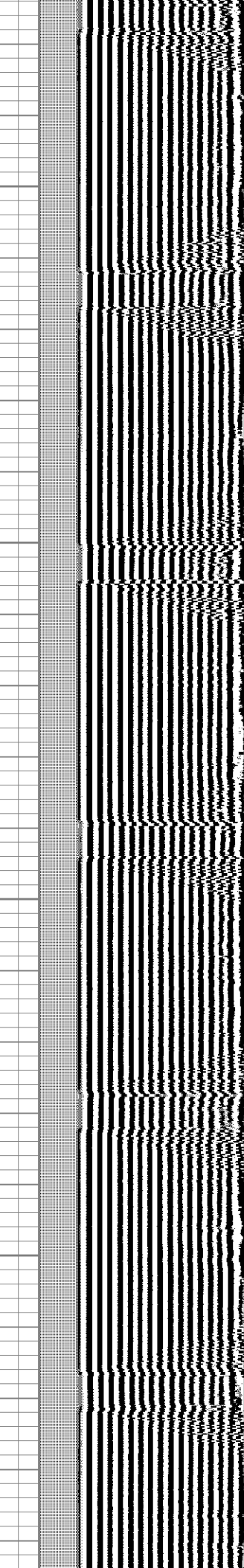
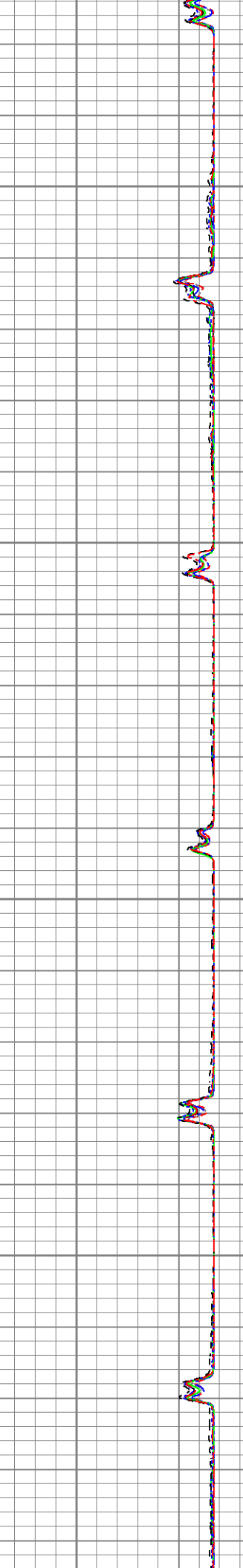
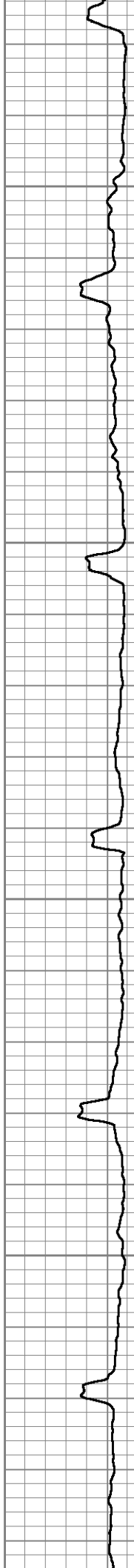
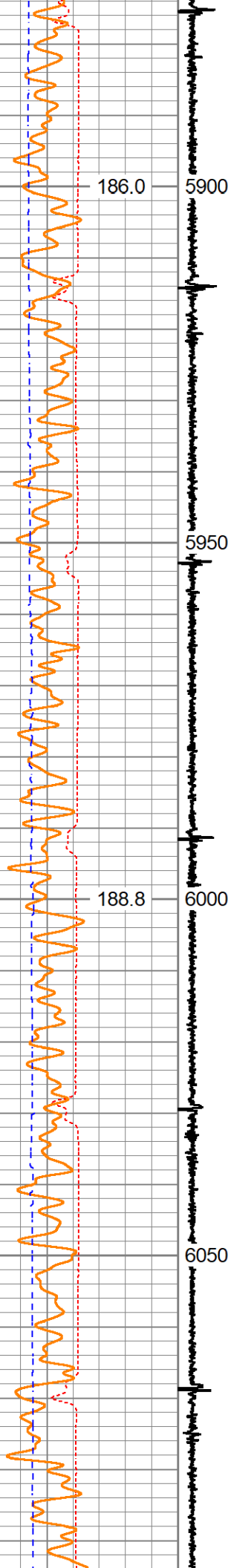


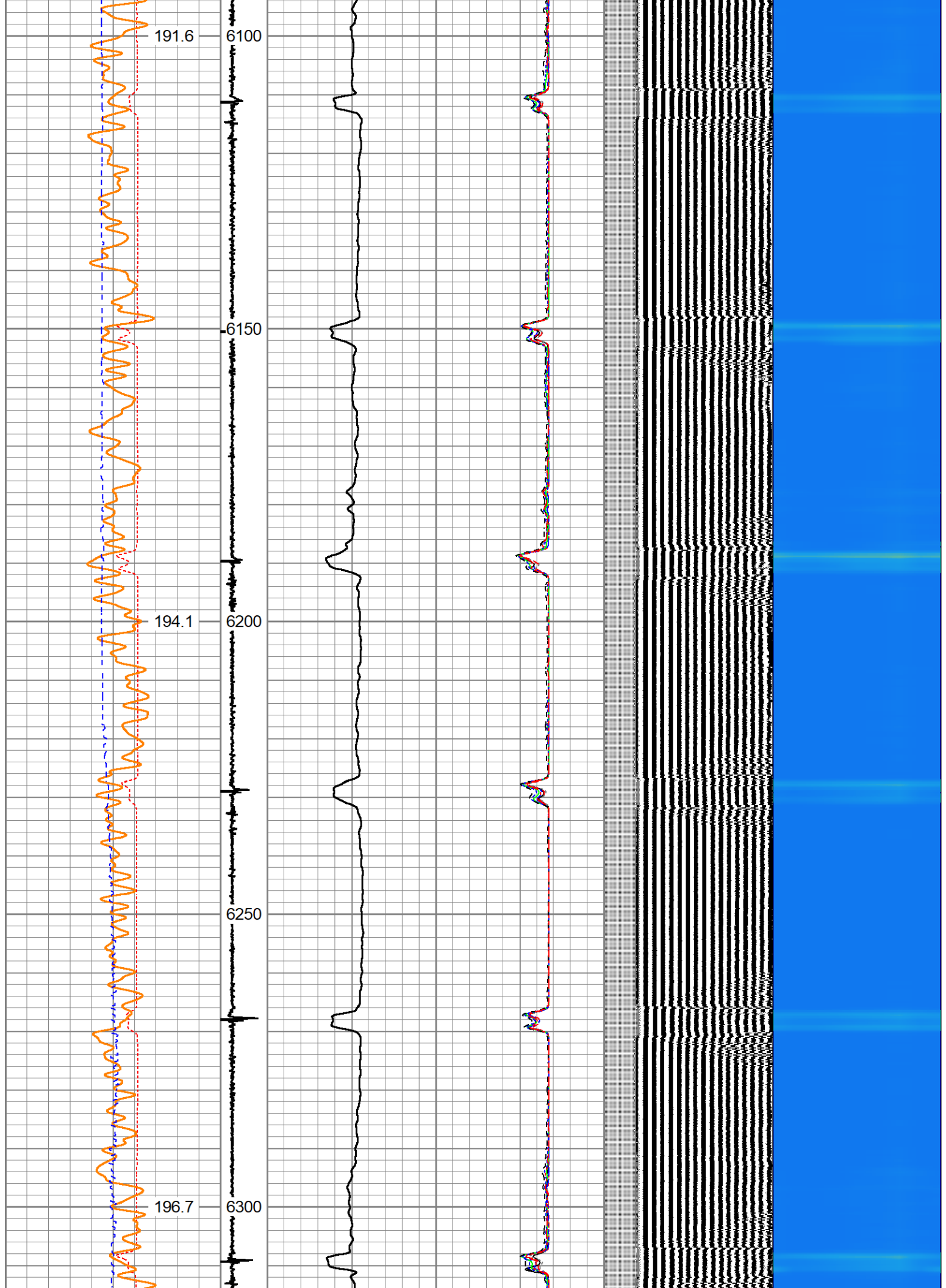


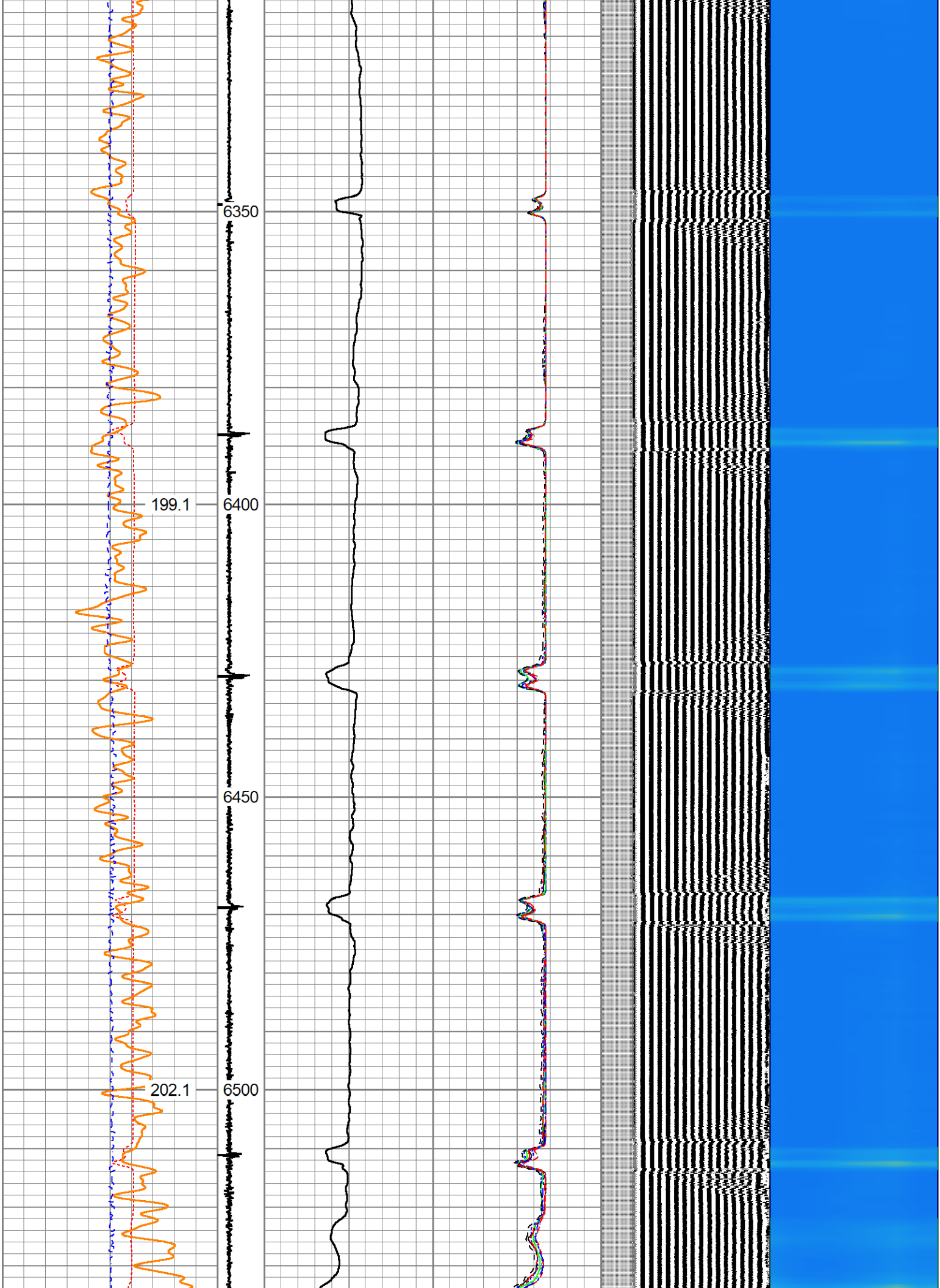


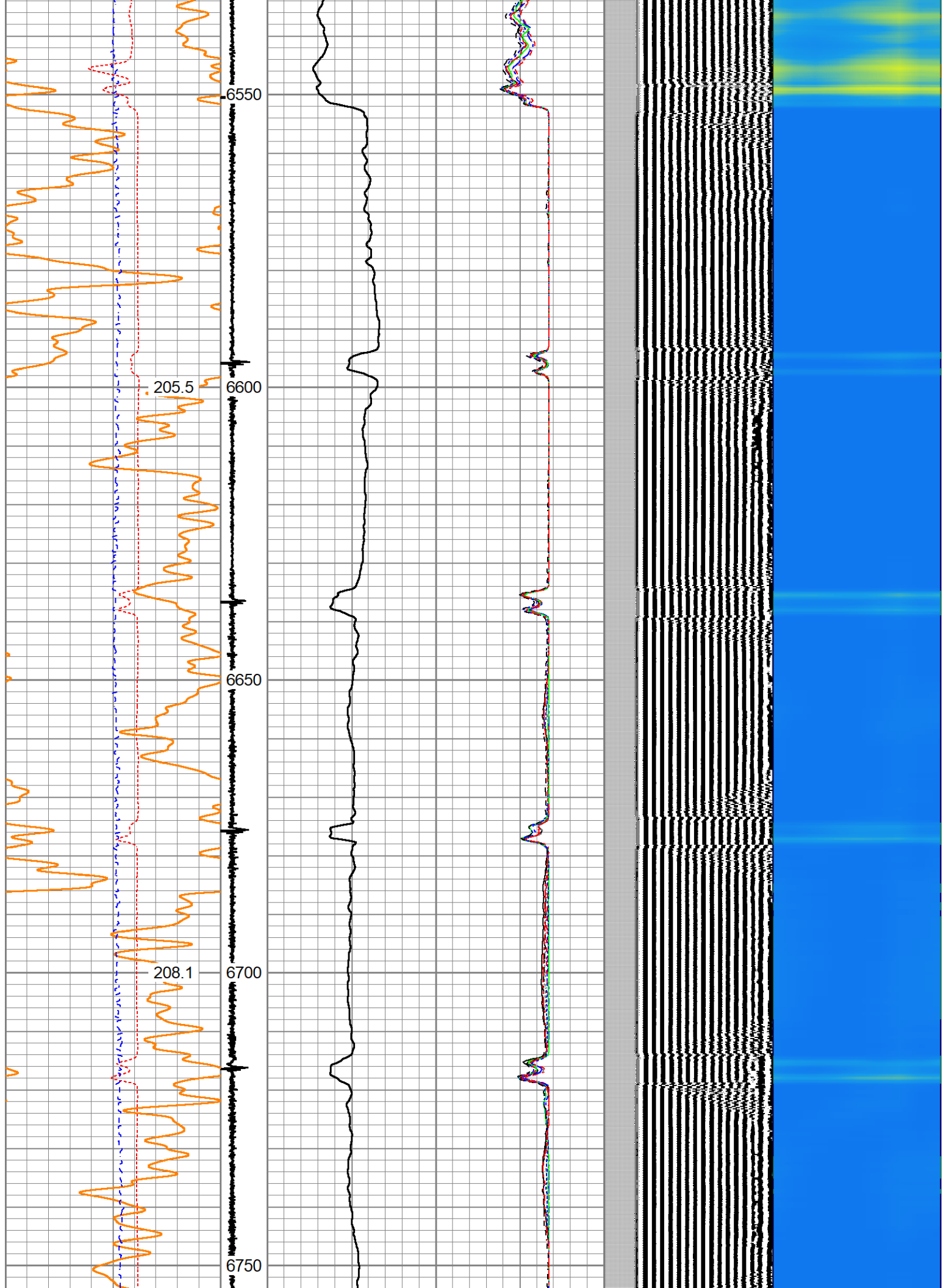


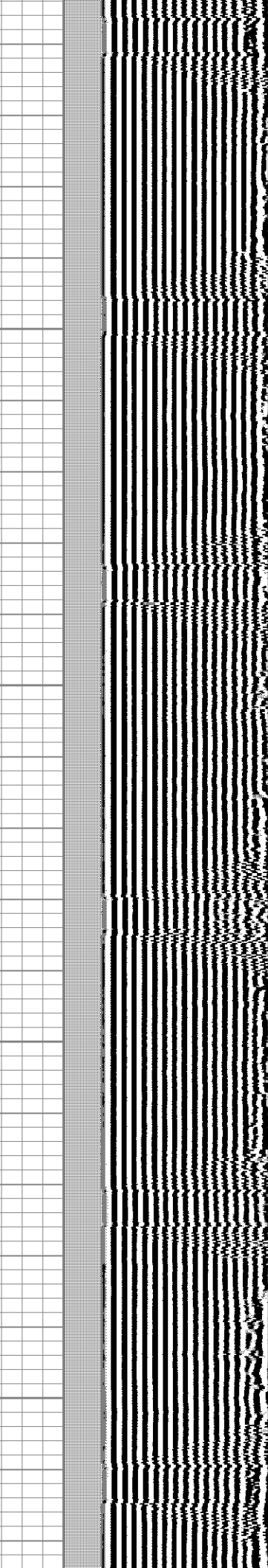
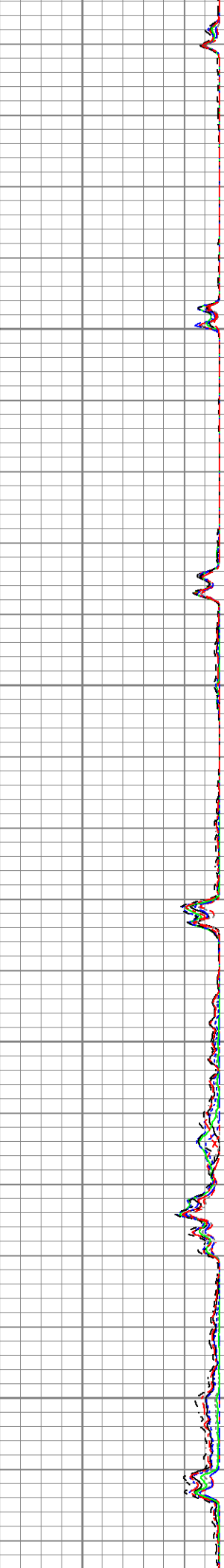
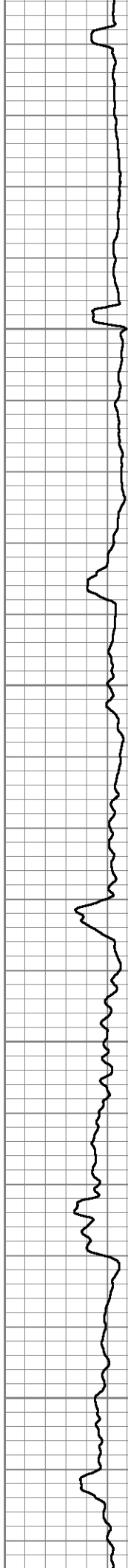
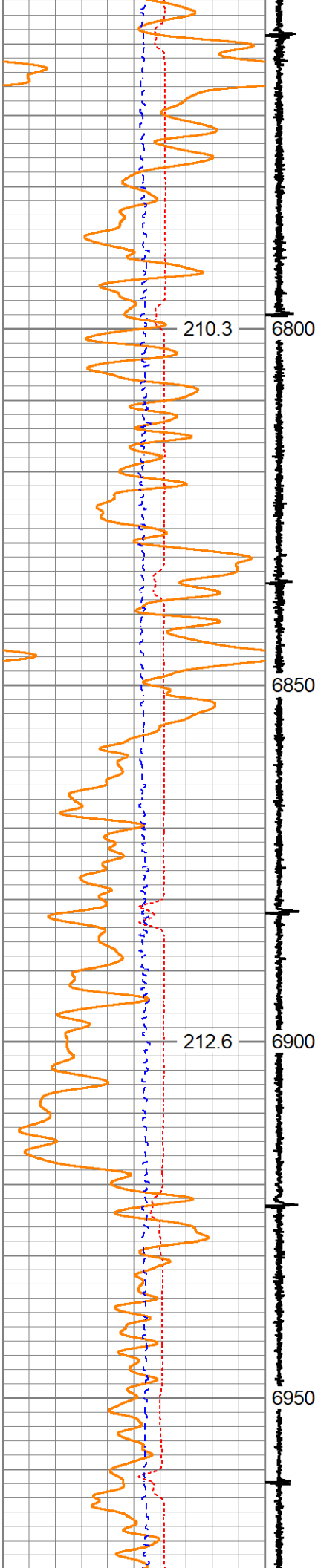


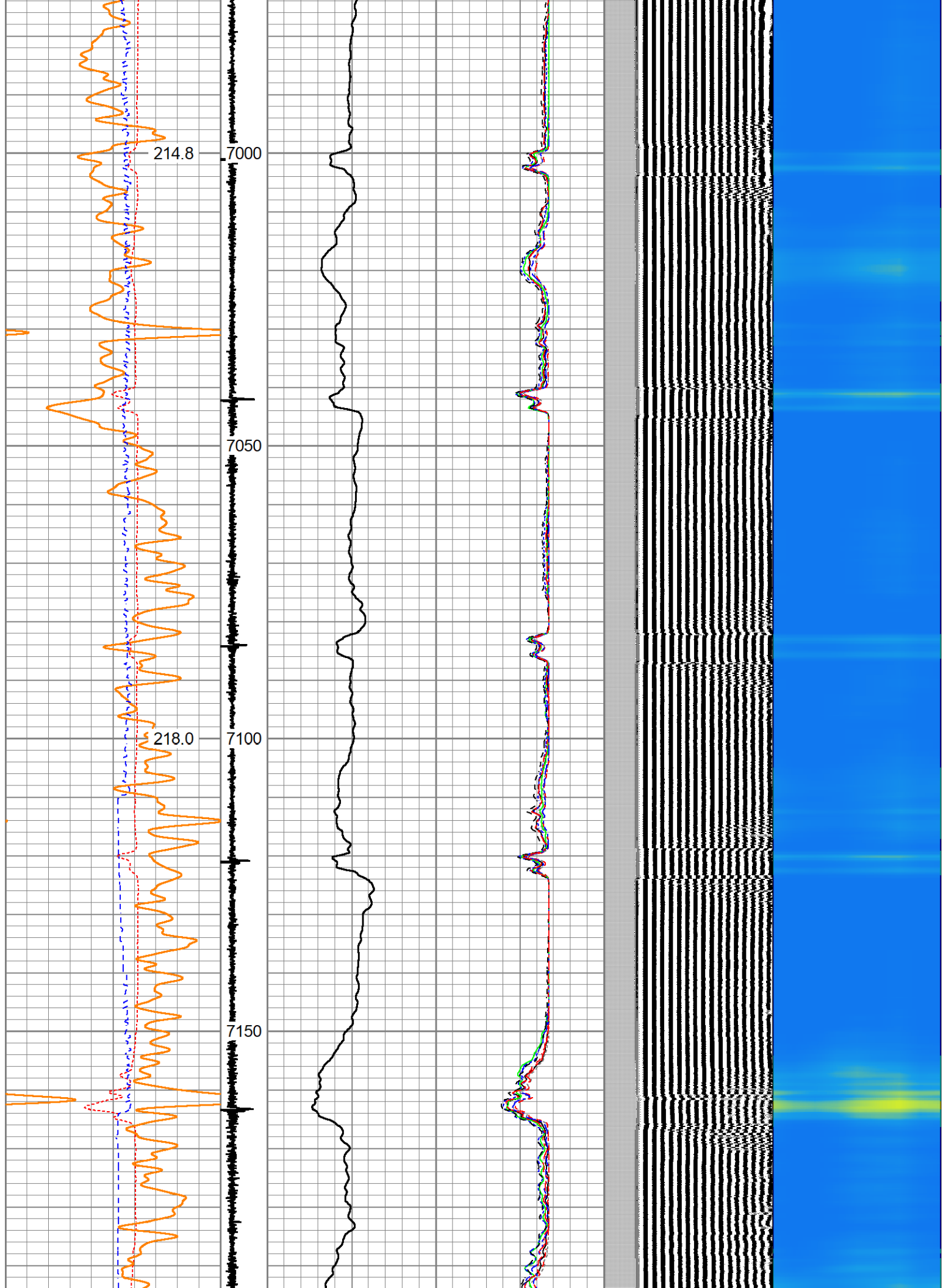


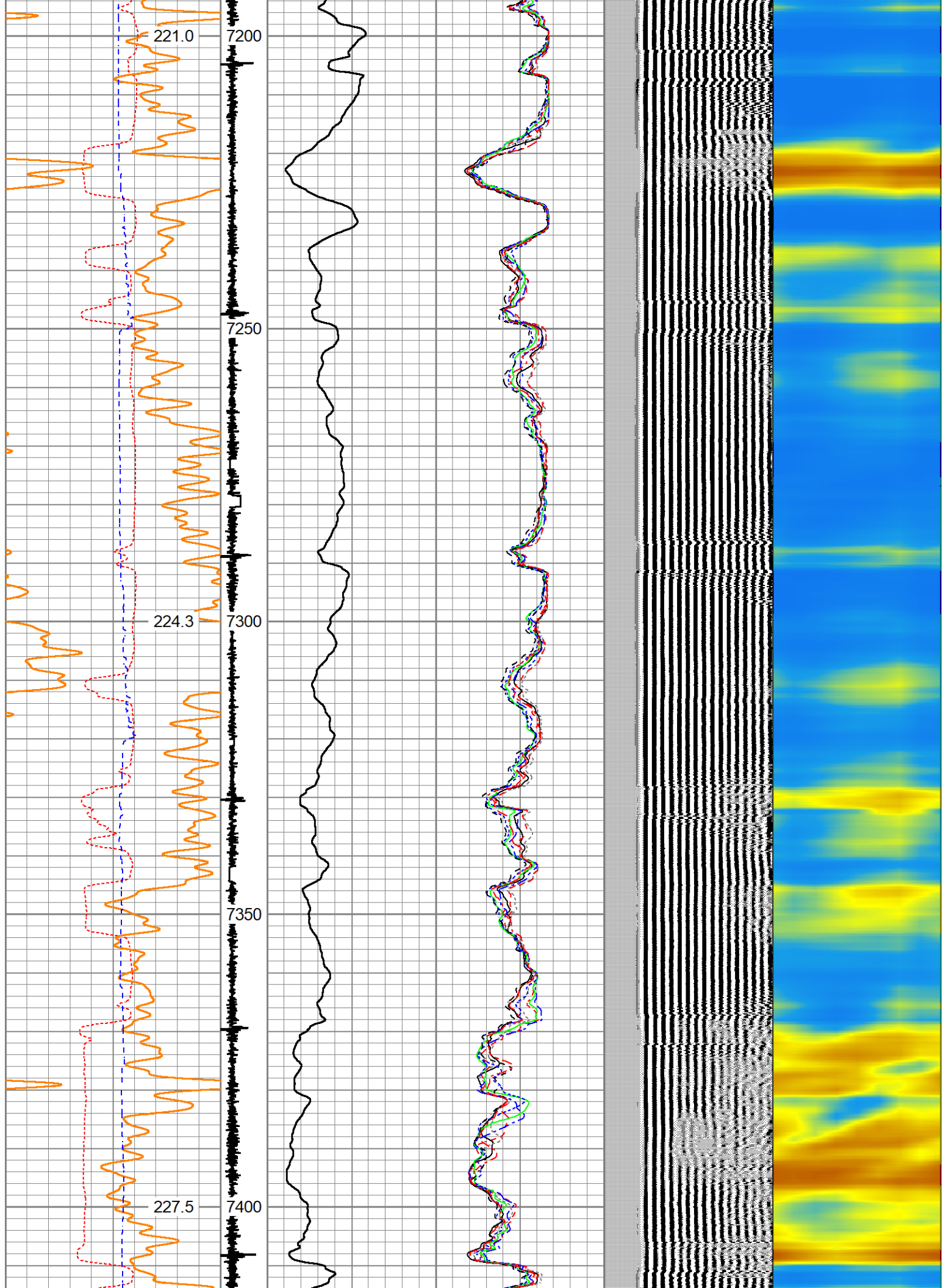


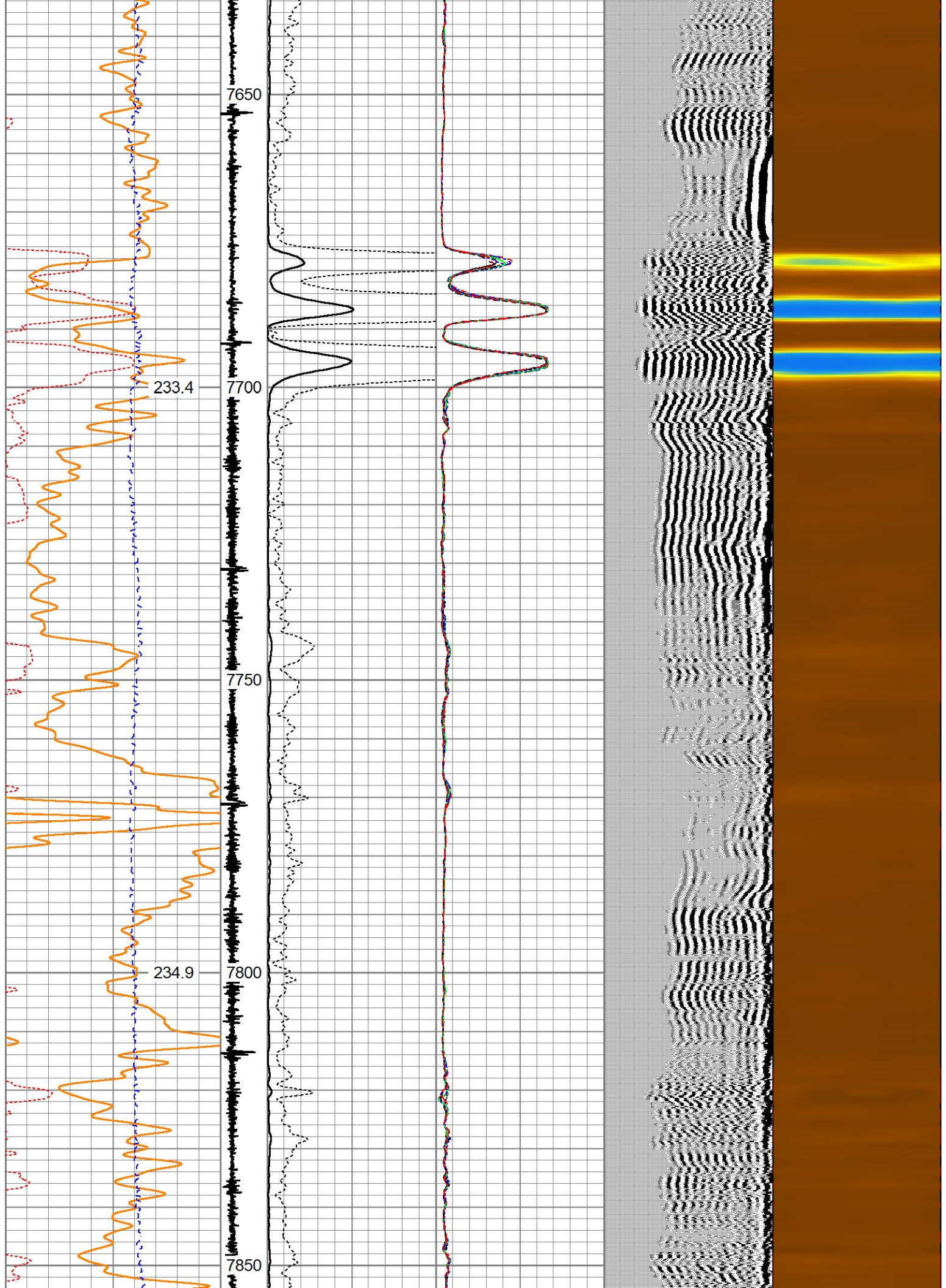


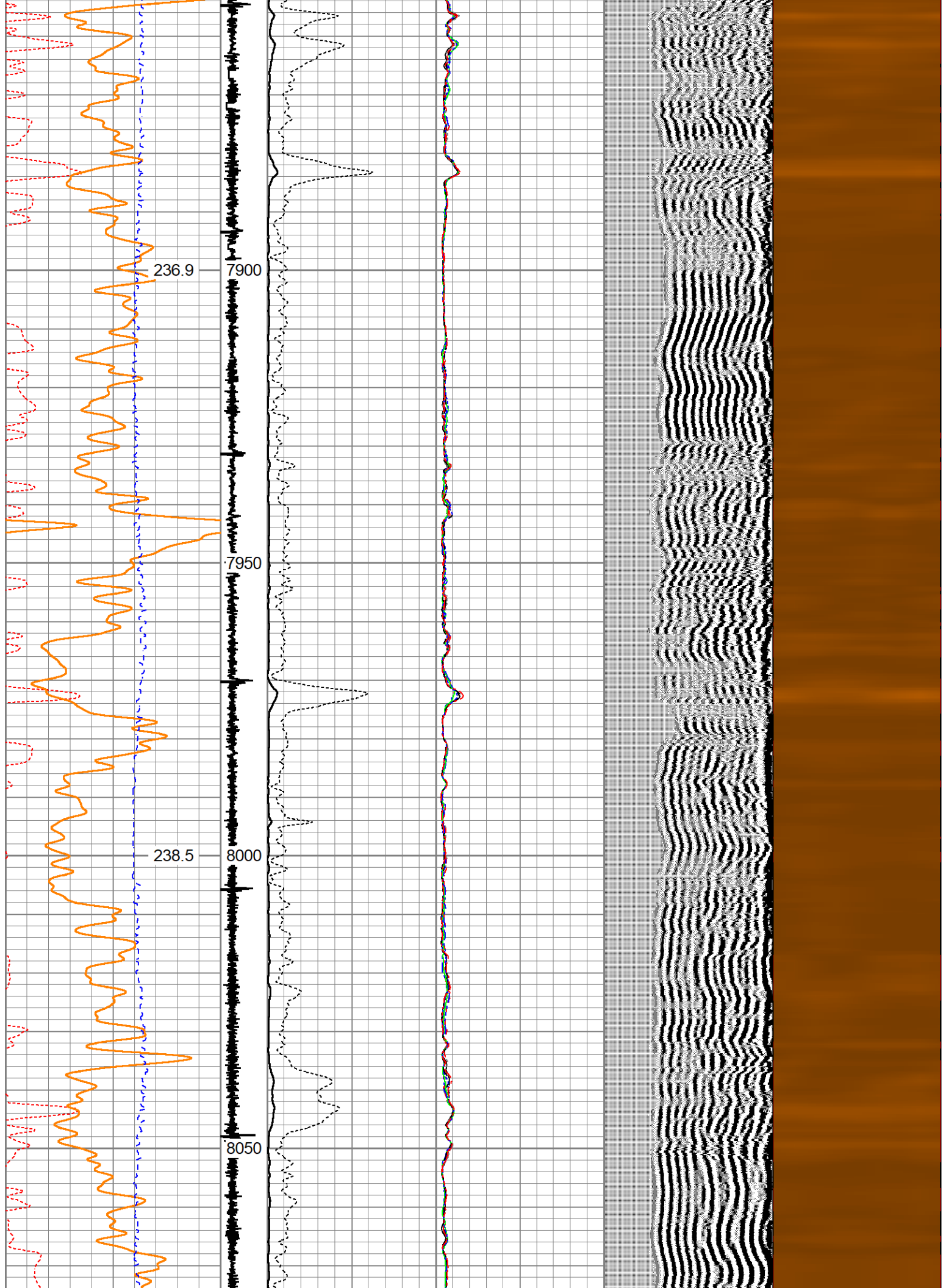


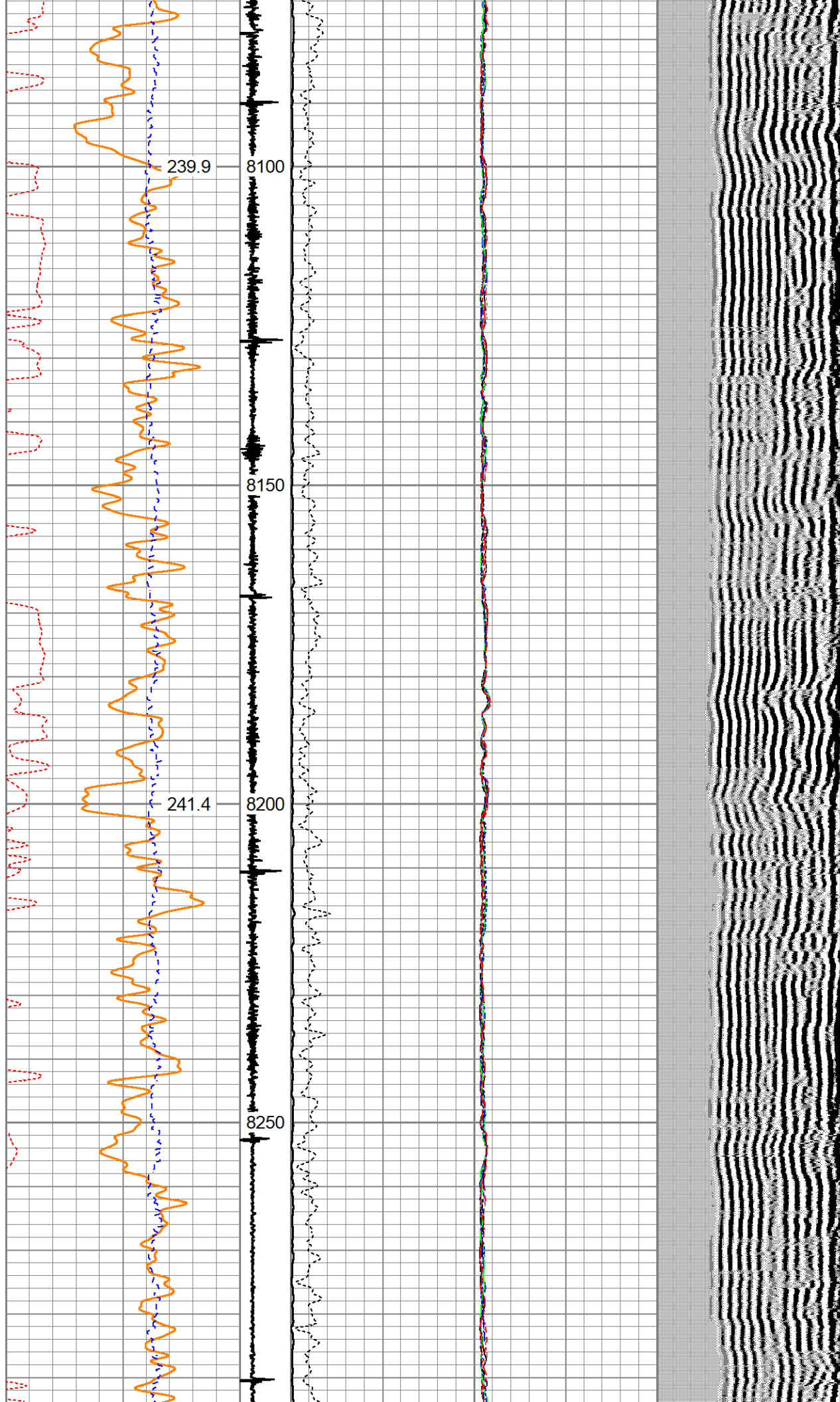


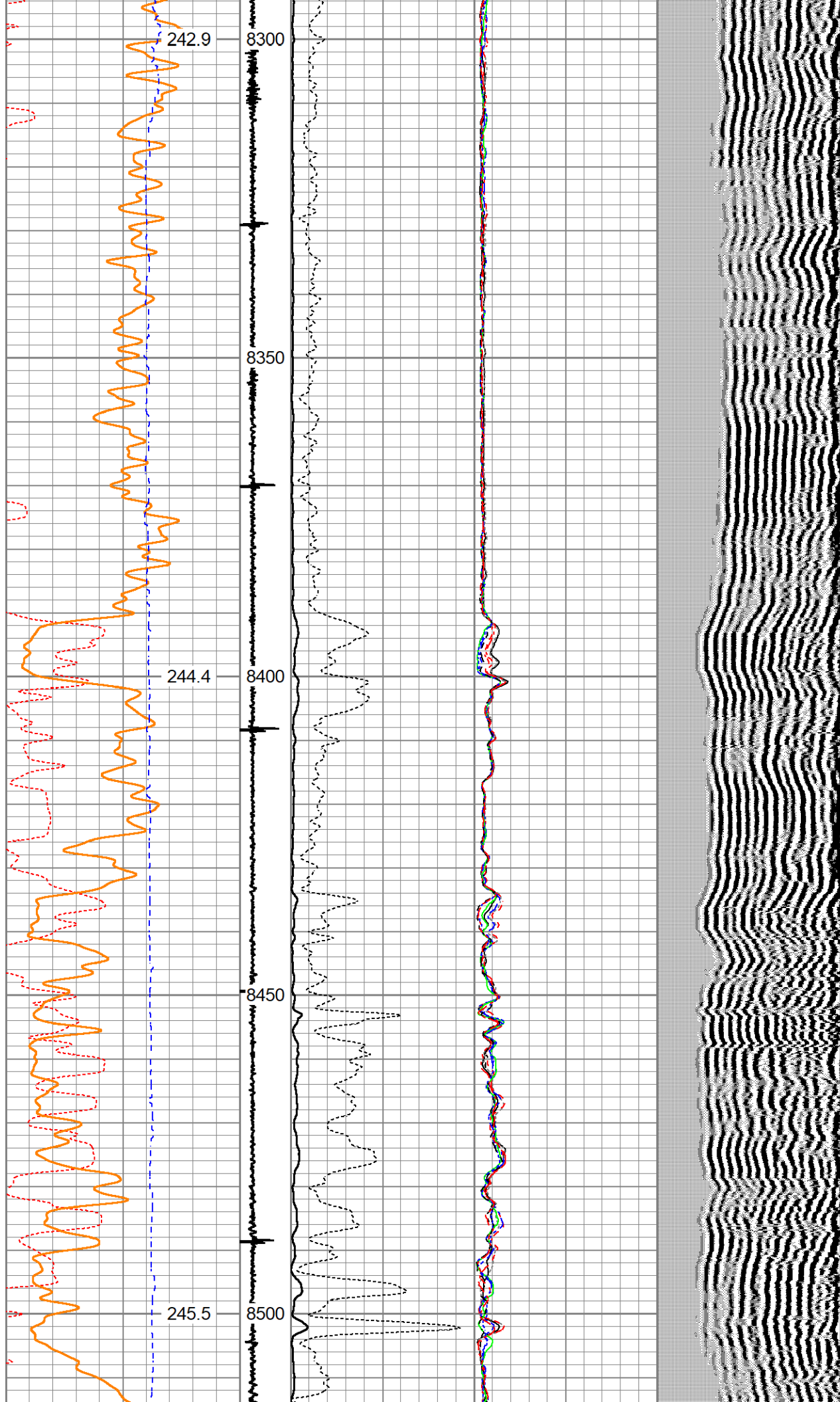












242.9

8300

8350

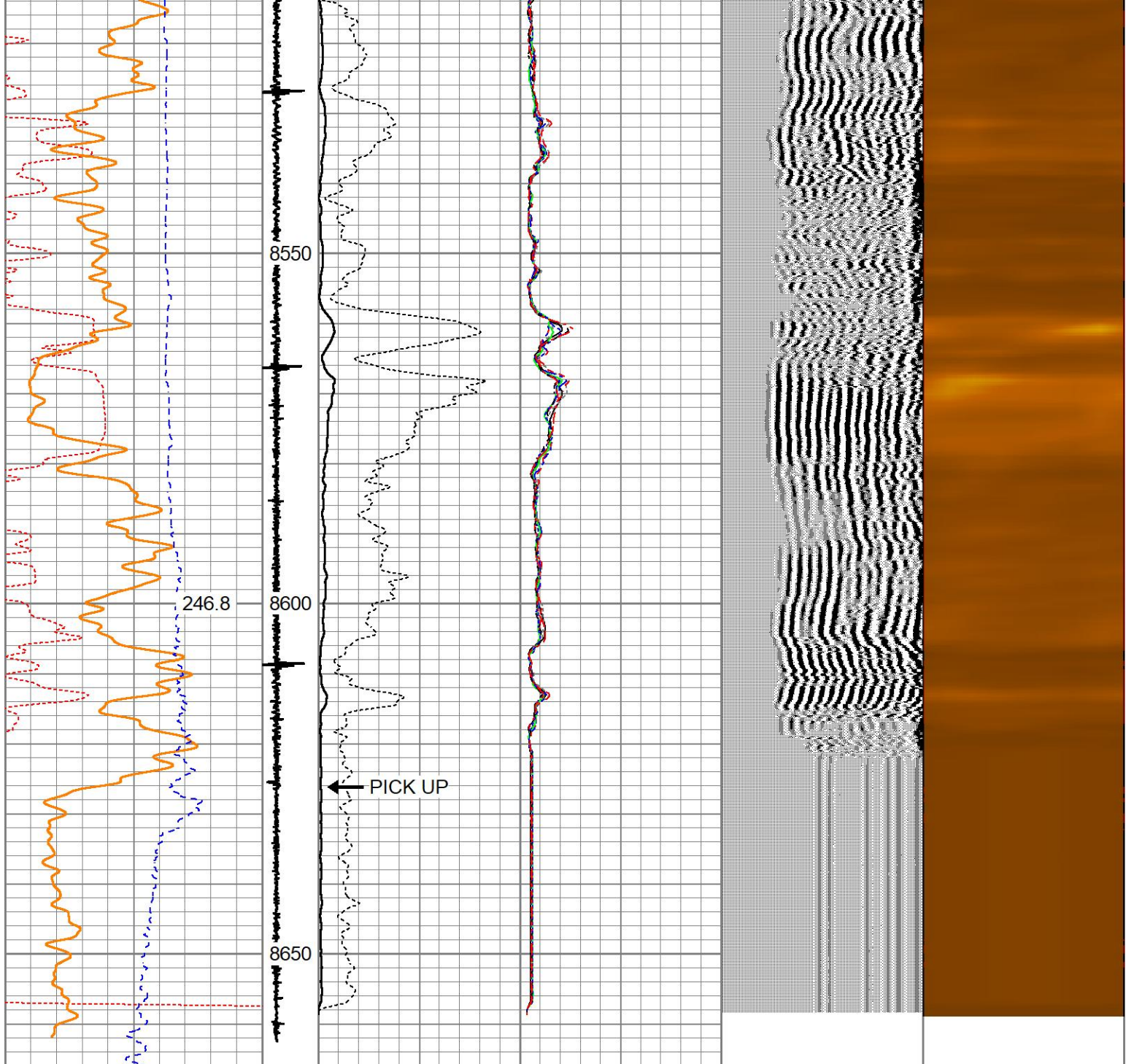
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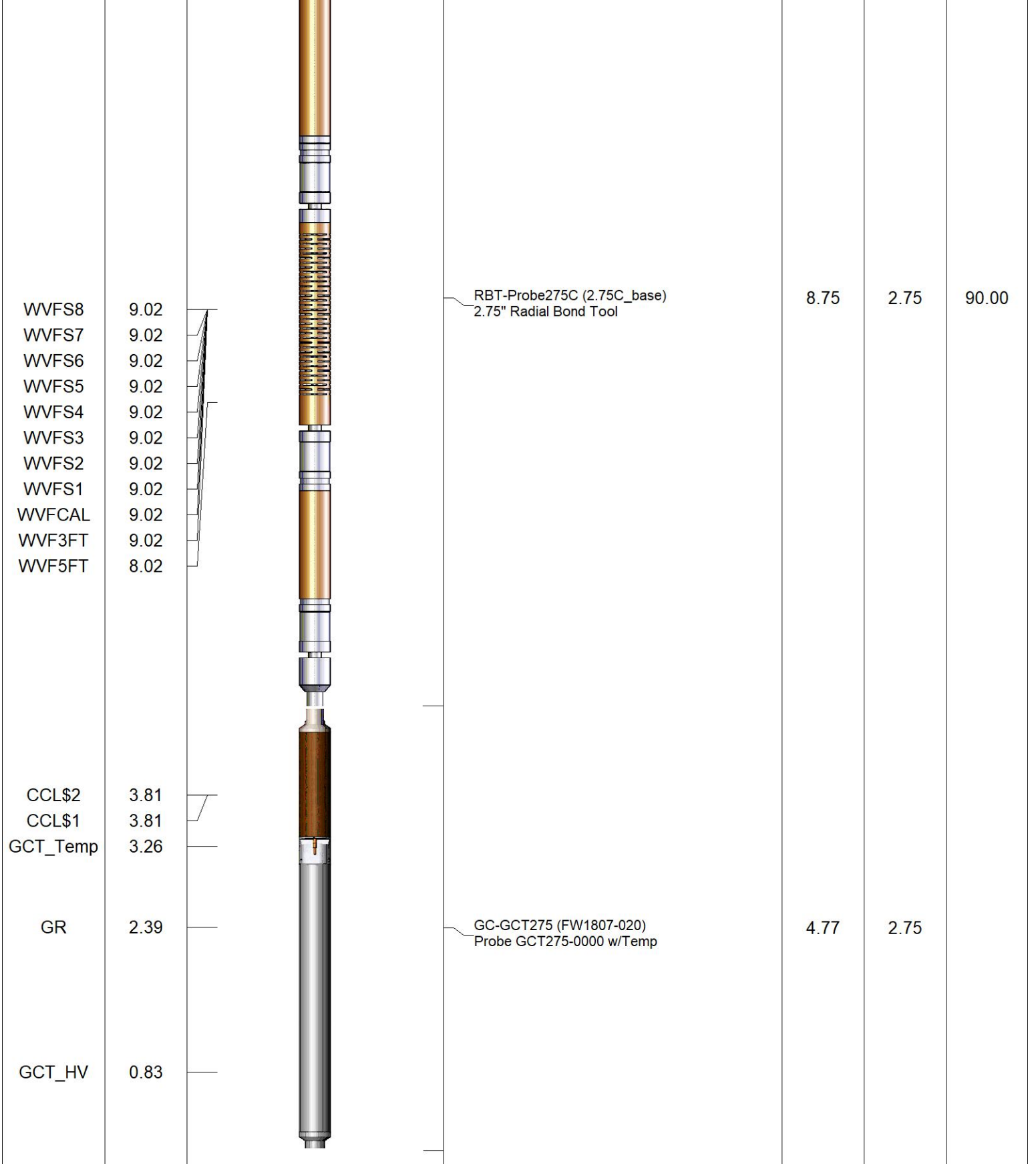
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8500



400	Travel Time (usec)	200	CCL	1	0	Amplitude (mV)	100	-5	Sector 1	150	Variable Density	1	Cement Map	8
0	Gamma Ray (GAPI)	200	1	-3	0	Amplified Amplitude	10	-5	Sector 2	150	200 (usec)	1200		
0	Line Tension (lb)	2000			0	(mV)	10	-5	Sector 3	150				
	Temp (degF)							-5	Sector 4	150				
								-5	Sector 5	150				
								-5	Sector 6	150				
								-5	Sector 7	150				
								-5	Sector 8	150				

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
ErrCt	13.52					
RadiiHeadVolt	13.27					



Dataset: graefe#1.db: field/well/run1/pass3
Total length: 13.52 ft
Total weight: 90.00 lb
O.D.: 2.75 in