

# Attachment 2 Casing Inspection Log

---

***Petrotek***



# HADES-R & HADES-T

Primary Job Type: **Casing Damage/Deformation**  
 Secondary Job Type: **Thickness Evaluation**

Company:	HF Sinclair
Well:	WDW-01
Field:	ARTESIA
Country:	USA
State:	New Mexico

Company: HF Sinclair

Well: WDW-01

Field: ARTESIA

State: New Mexico Country: USA

County/Parish: Eddy

API#: 30-015-27592

SEC: TWP: RGE:

Permanent Datum: GROUND LEVEL Elevation above Perm Datum (ft) Elevations (ft) K.B.: 3615.8

Log Measured From: KELLY BUSHING 12.5 DF:

Drilling Measured From: KELLY BUSHING G.L.: 3603.3

Date:	January 19, 2026			
Run Number:	ONE			
Depth Driller (ft):	9004			
Top Log Interval (ft):	10.0			
Bottom Log Interval (ft):	7827.0			
Logged Interval (ft):	7817.0			
Max Recorded Temperature (°F):	116			
Type Fluid in Hole:	11.6# CaCl			
Well Head Pressure (psi):	N/A			
Expected Bottom Hole Pressure (psi):	3000			
Expected Bottom Hole Temperature (°F):	115			
Correlation Reference:	HR Vertilog - Baker Hughes - 2018/02/27	Casing/Tubing Record		
		Size (inch)	Weight (lb/ft)	From (ft) To (ft)
		13 3/8	48	0 390
		9 5/8	36	0 2555
		7	26	0 5845
		7	29	5845 9094
Deployment Method:	WIRELINE			
Deployment Company/Unit#:	CALIBER			
Recorded By:	J. HINMAN			
Witnessed By:	C. GARZA			

<<<< FOLD HERE >>>>

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 and of our offices, agents or employees. These interpretation subject to our general terms and conditions set out in our current Price Schedule.

Comments:

**Top log interval of 10 ft is a result of the top of liquid in the well during logging, likely from displacement by the logging tools.**

## Well Overview: Joint and Defect Summary

The below table summarizes the overall wall loss distribution and frequency for the log.

Wall Loss Classification	Casing Wall Loss Range (%)	Count of Joints	Percentage of Joints
0	0 - <12.5	143	63.6
1	12.5 - <20	71	31.6
2	20 - <40	11	4.9
3	40 - <60	0	0
4	60 - <80	0	0
5	80 - <100	0	0
6	Breach	0	0
<b>Total</b>		<b>225</b>	<b>100</b>

The below table summarizes the 5 joints with the highest penetration percentage and provides reference depths.

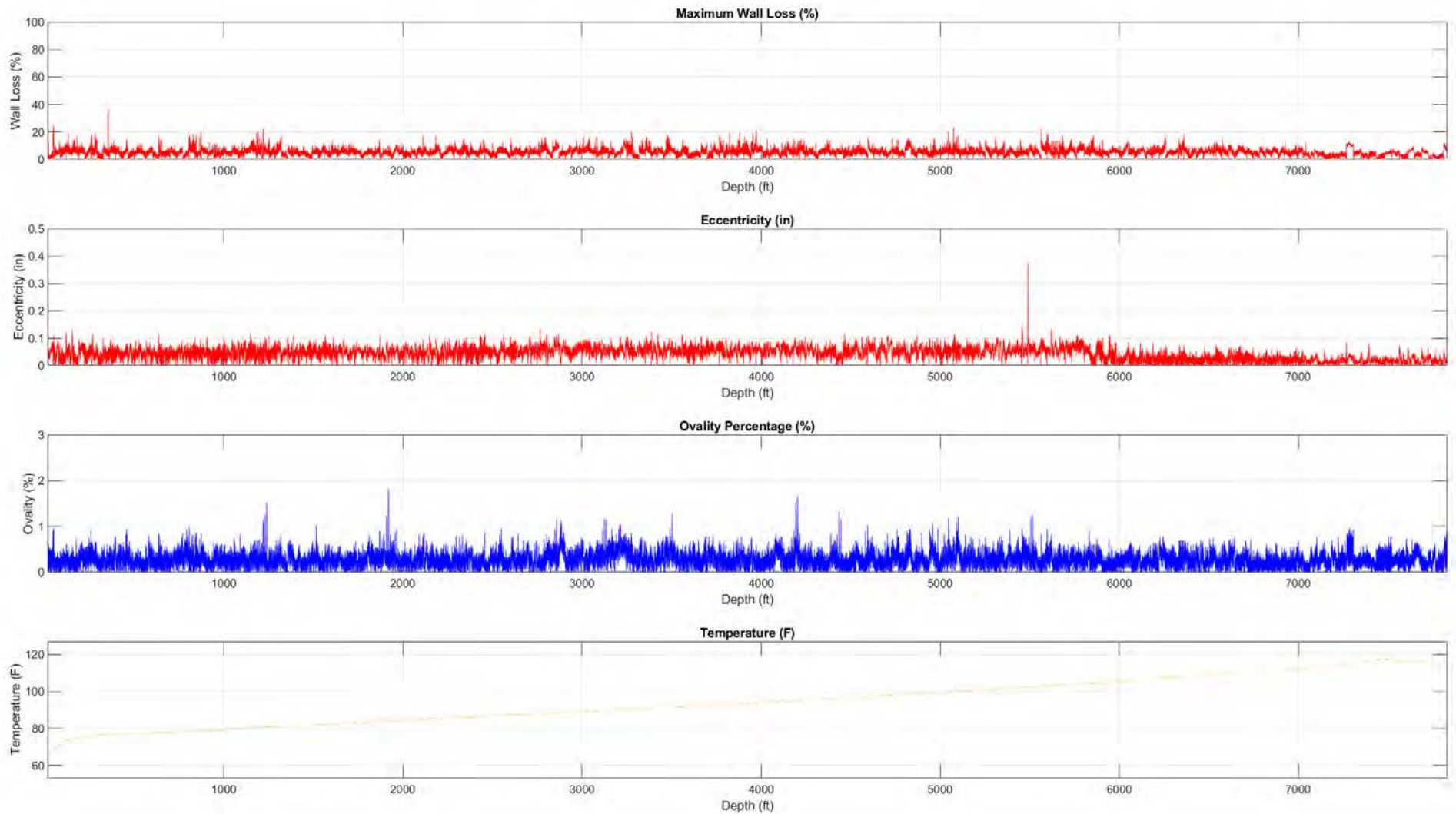
Defect Depth (ft)	Joint Reference	Distance to Uphole Connection (ft)	Wall Loss Classification	Max Penetration (%)	Max Penetration (in)
353.9	11	27	2	36	0.13
49.9	2	30.5	2	25	0.09
5074.5	148	30.5	2	23	0.08
1220.1	37	2.4	2	23	0.08
5564.1	163	1.4	2	22	0.08

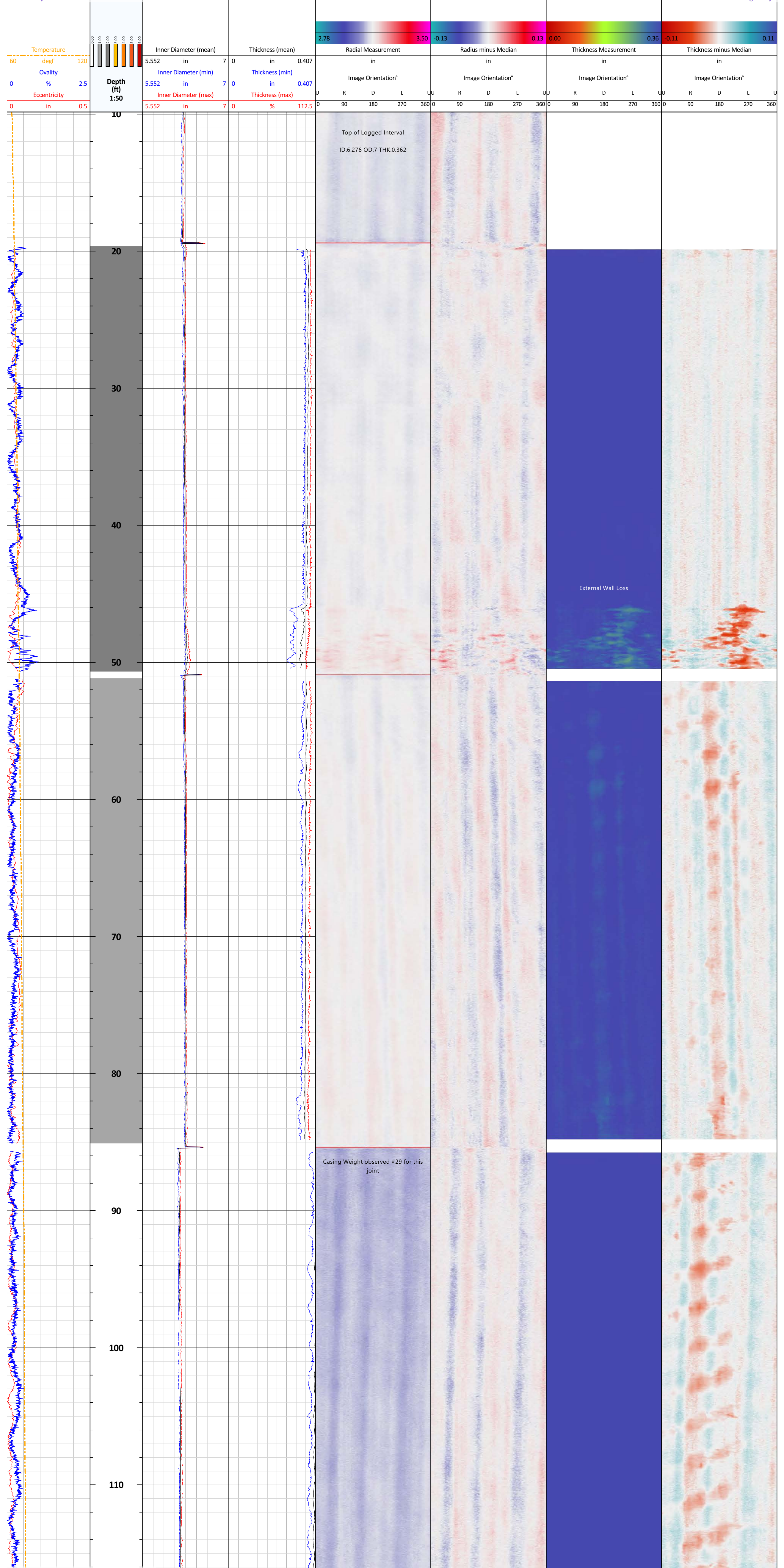
HF Sinclair  
WDW-01

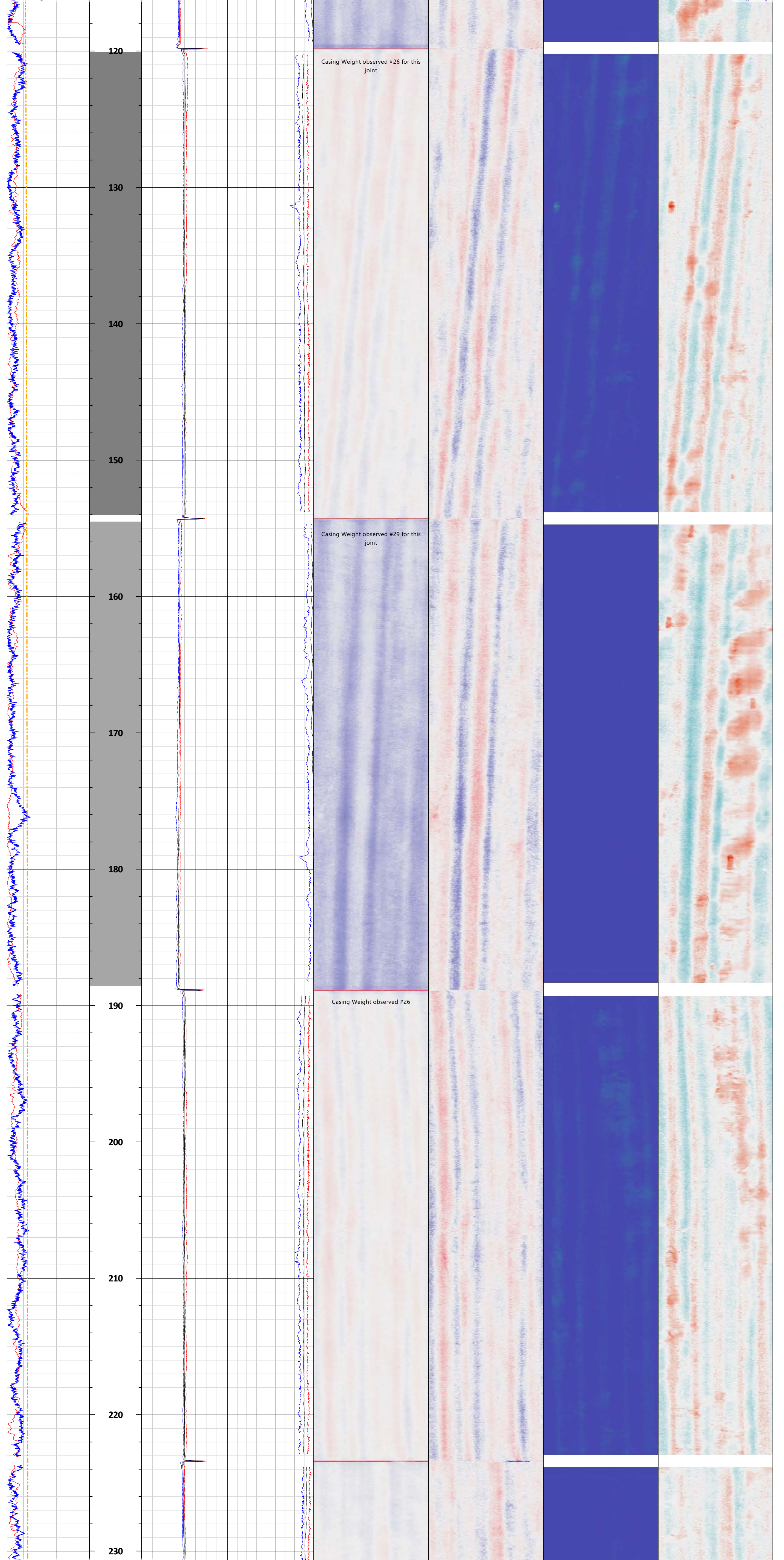
**CONFIDENTIAL**

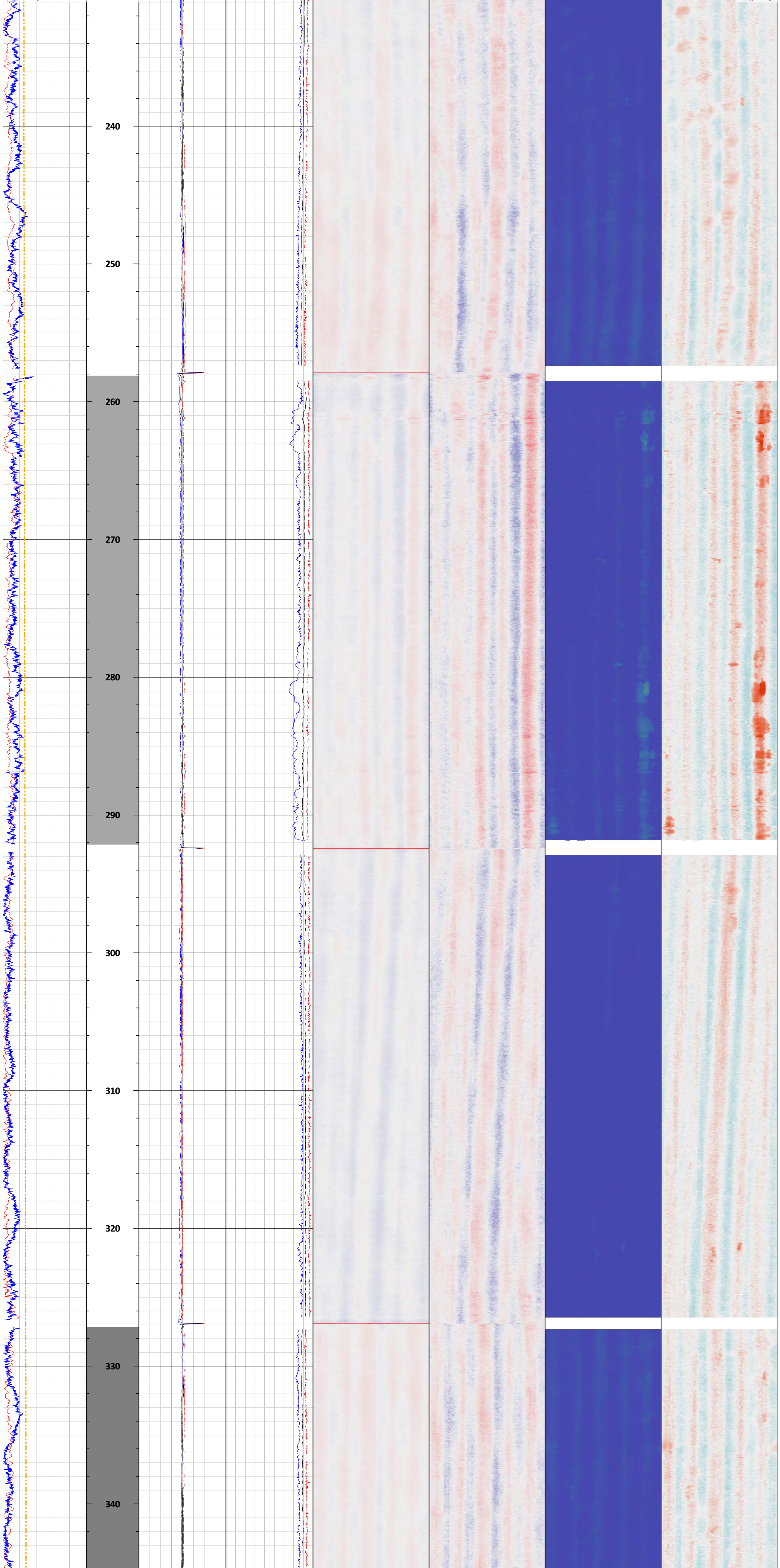
## Well Overview: Trend Summary

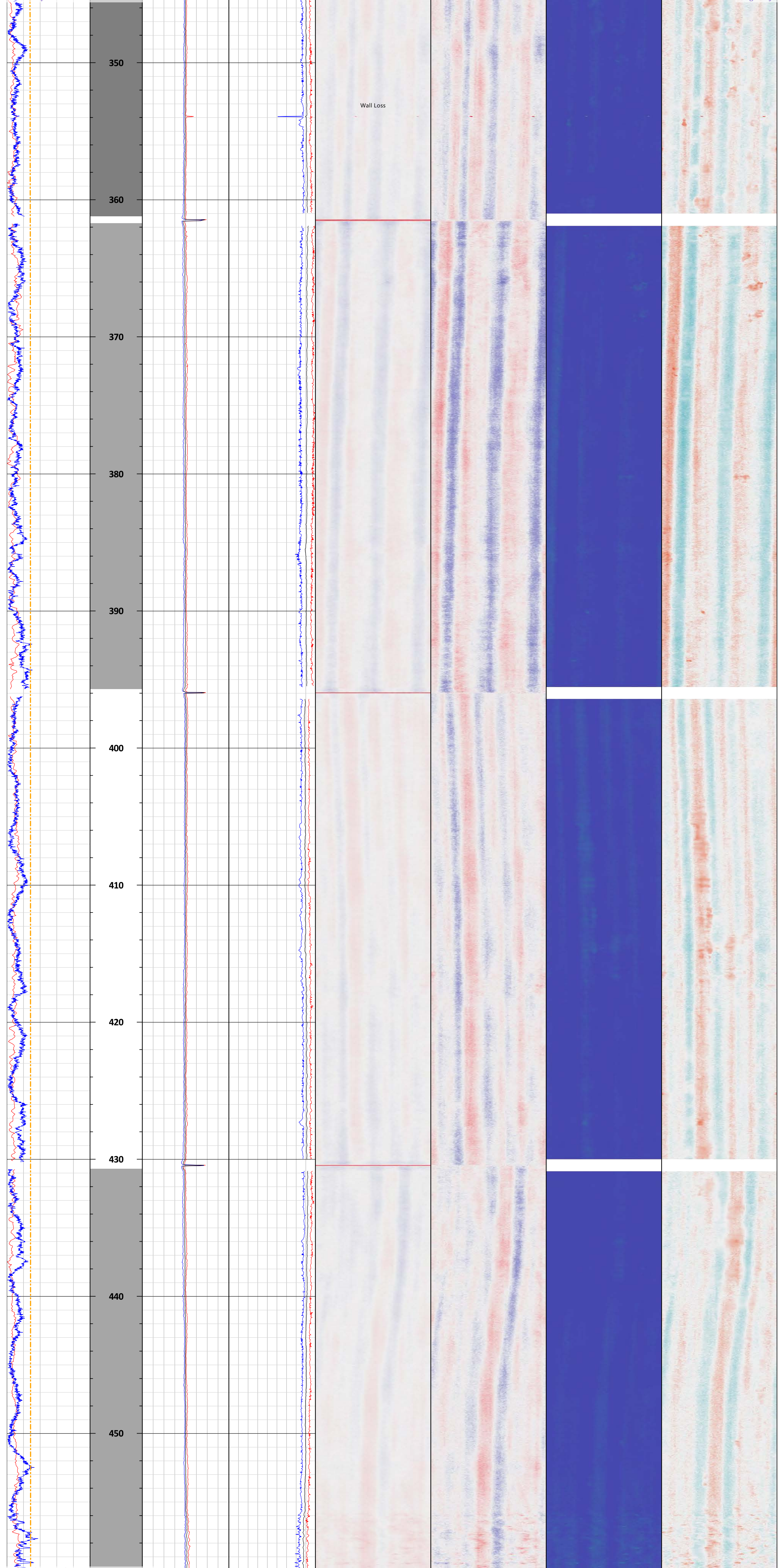
The below plots summarize the continuous trends captured and serve to provide a summary of condition based on depth.

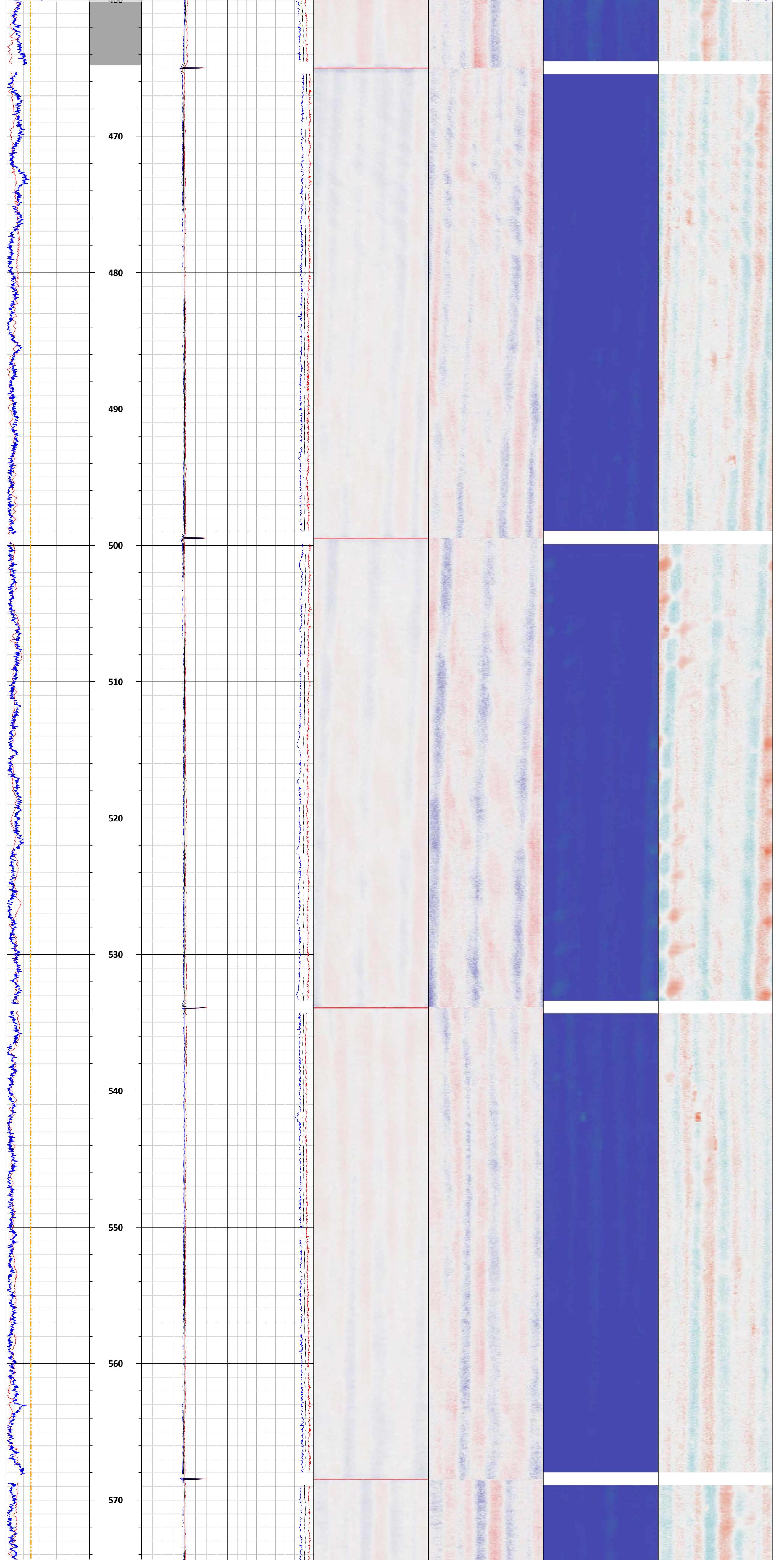


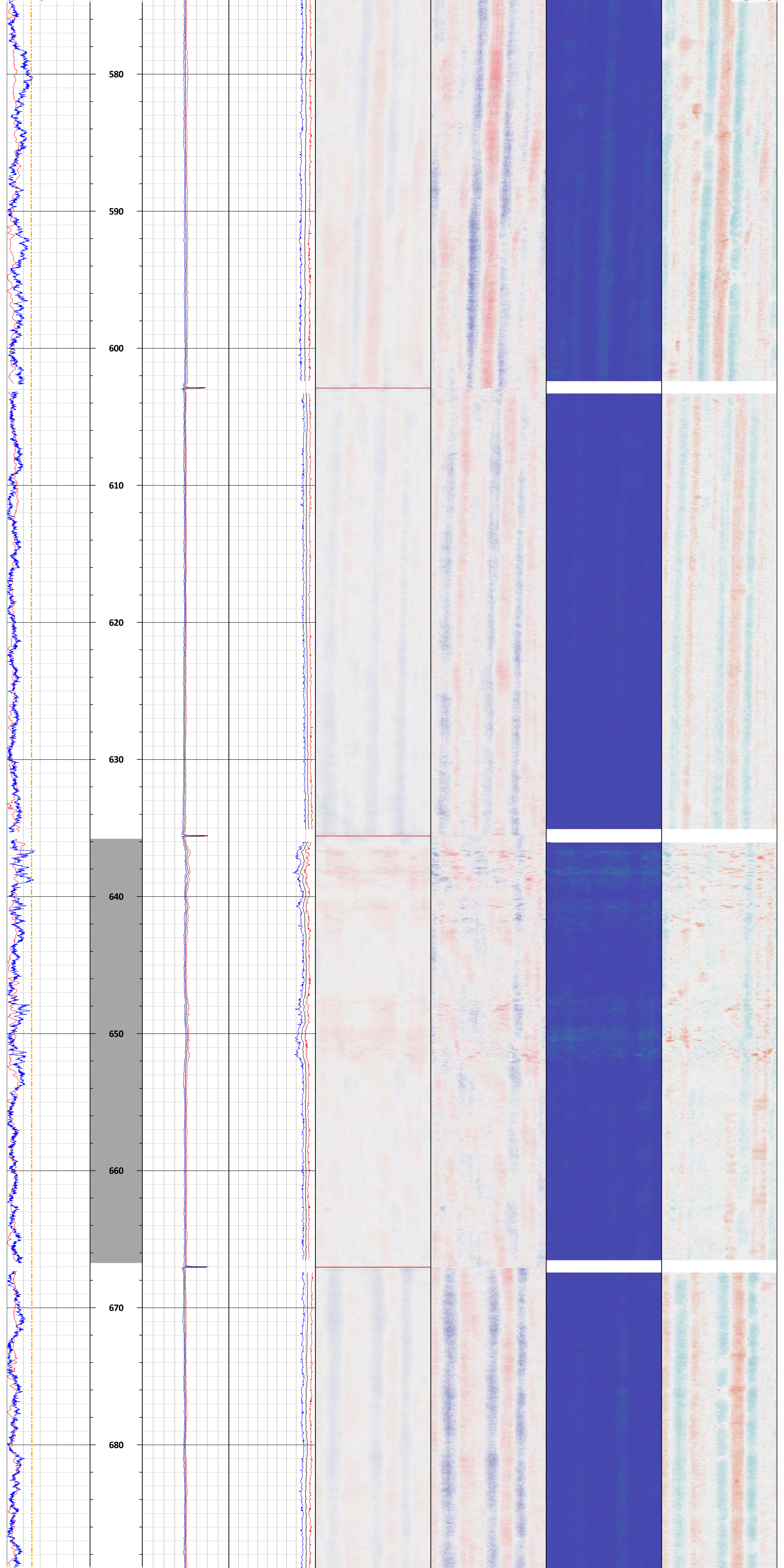


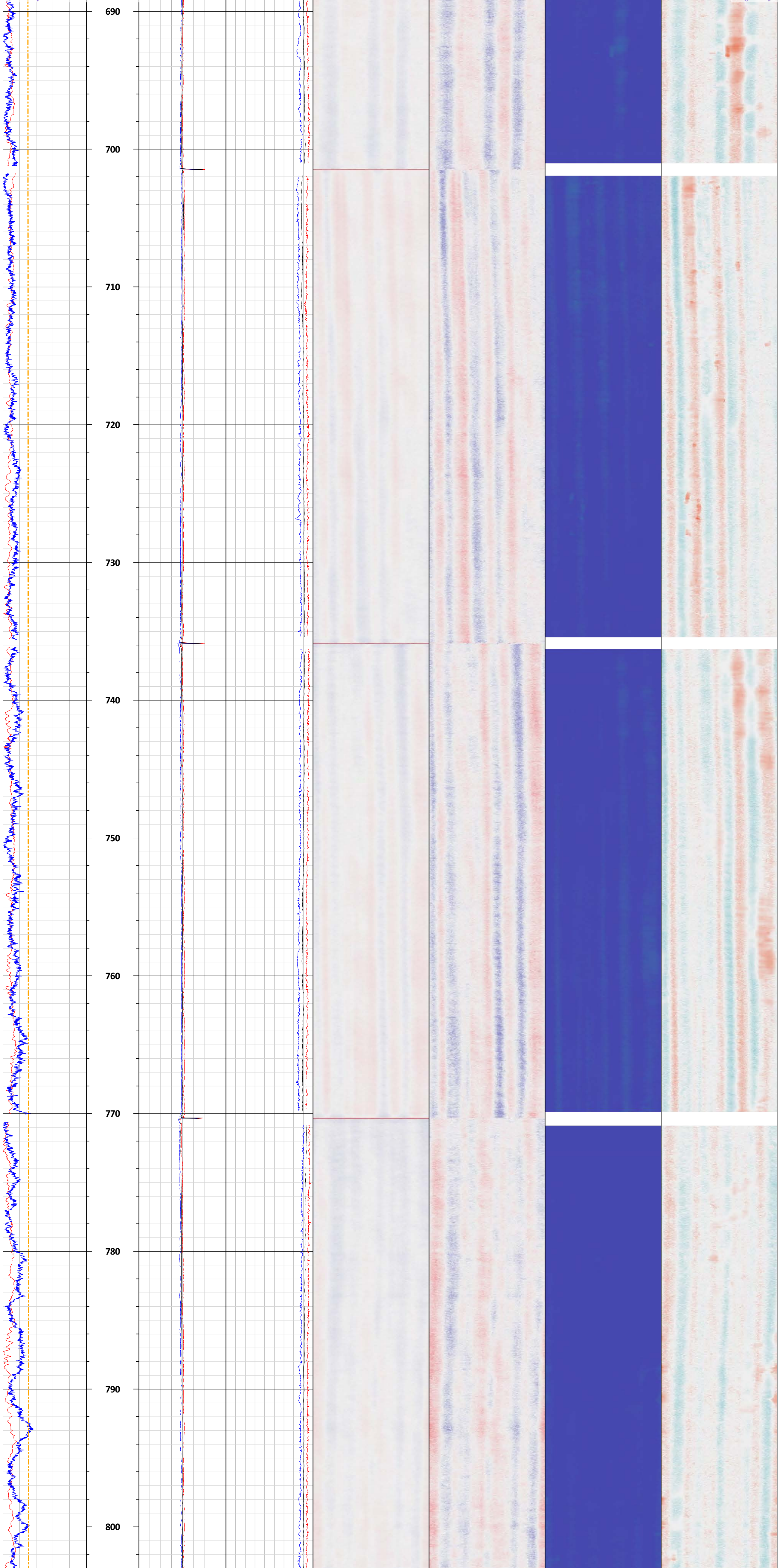


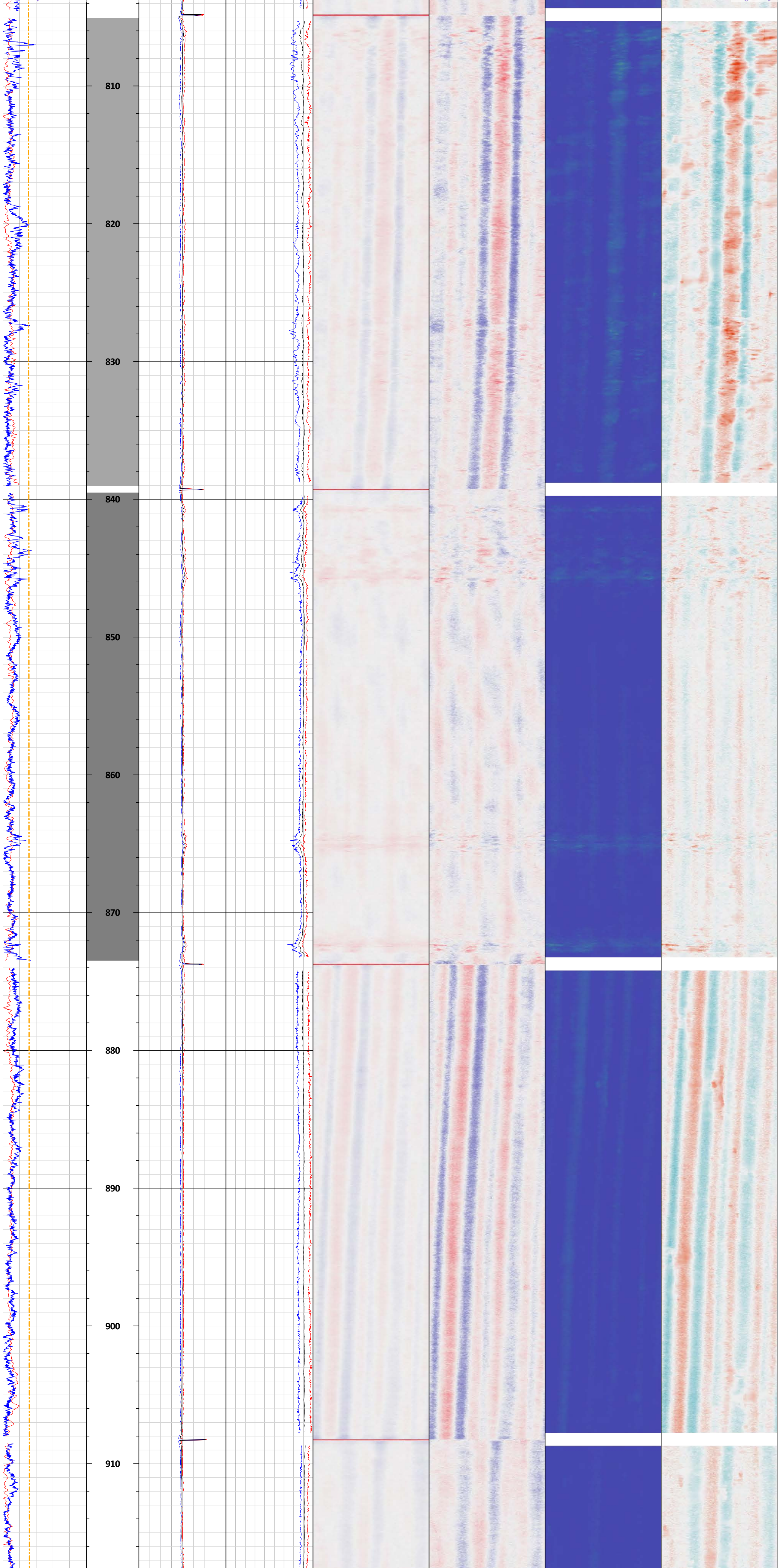


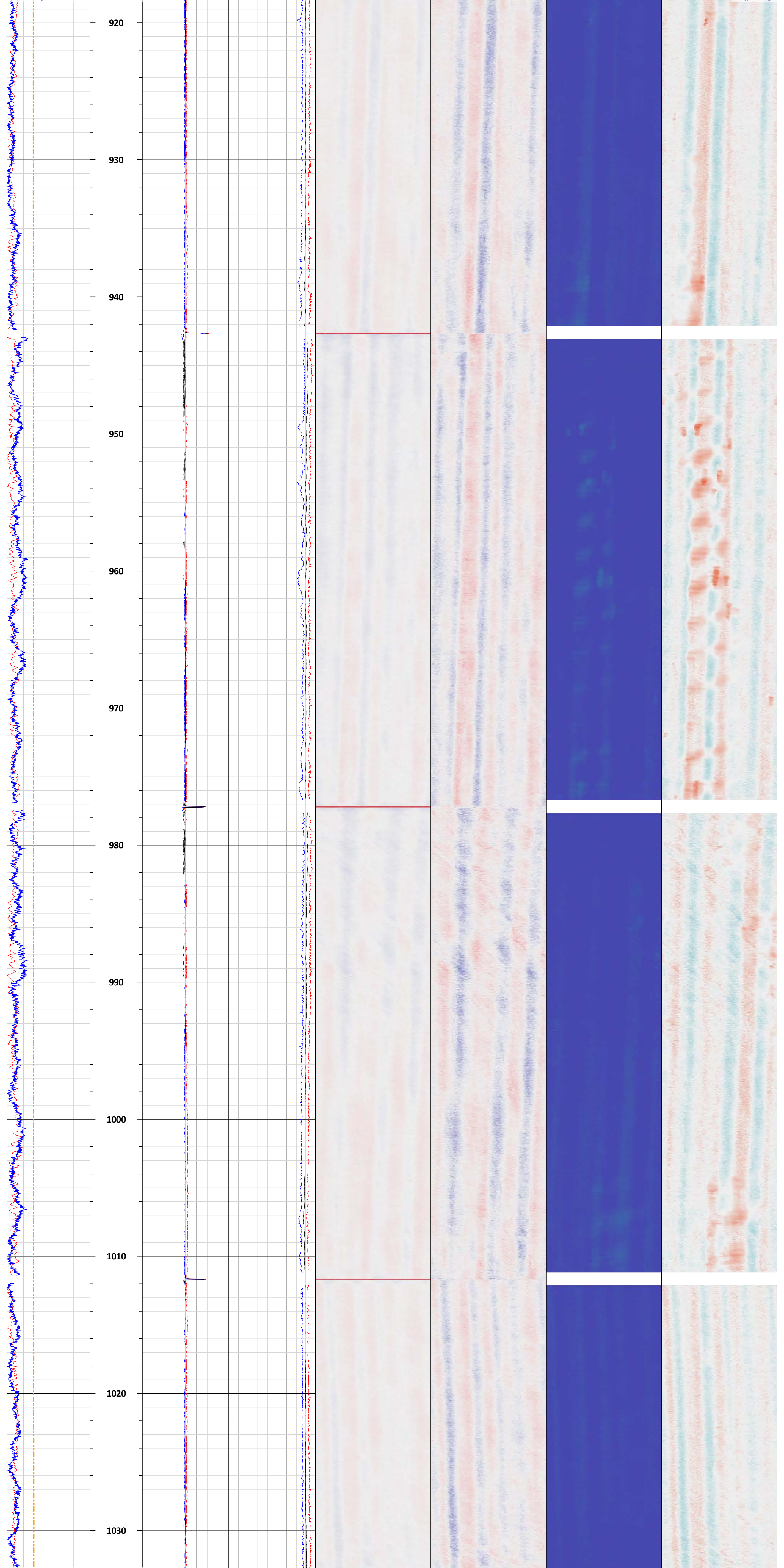


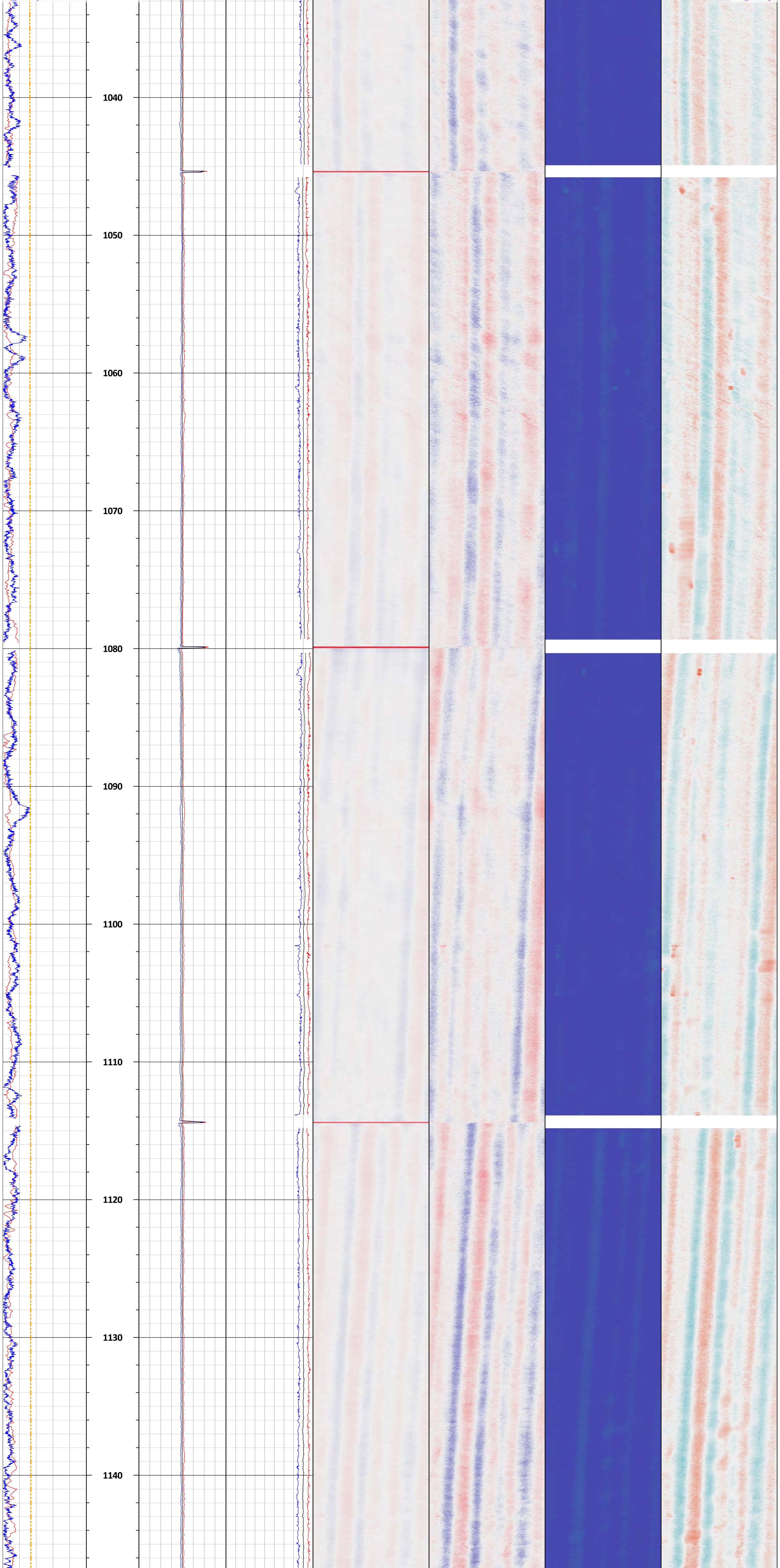


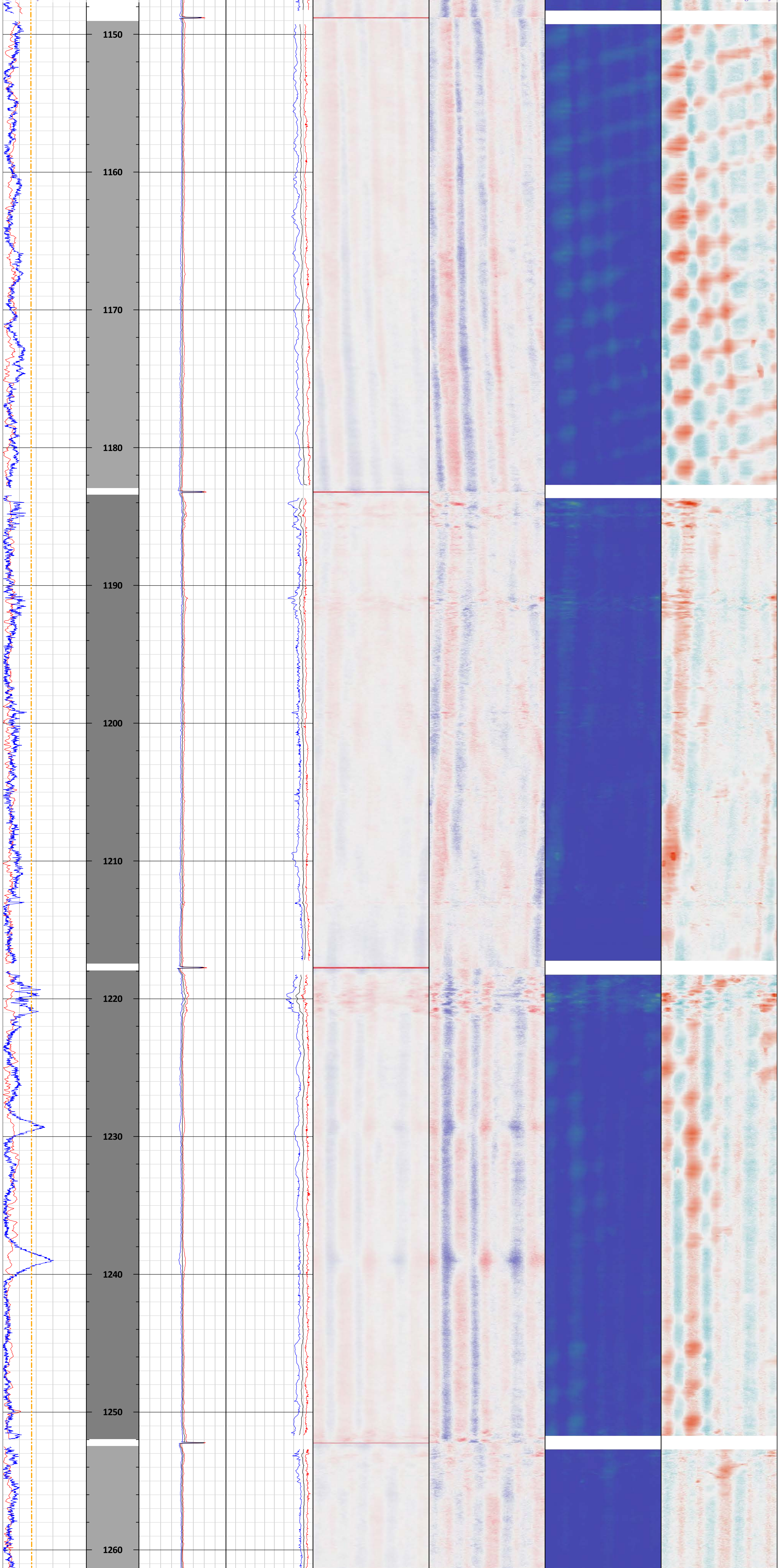


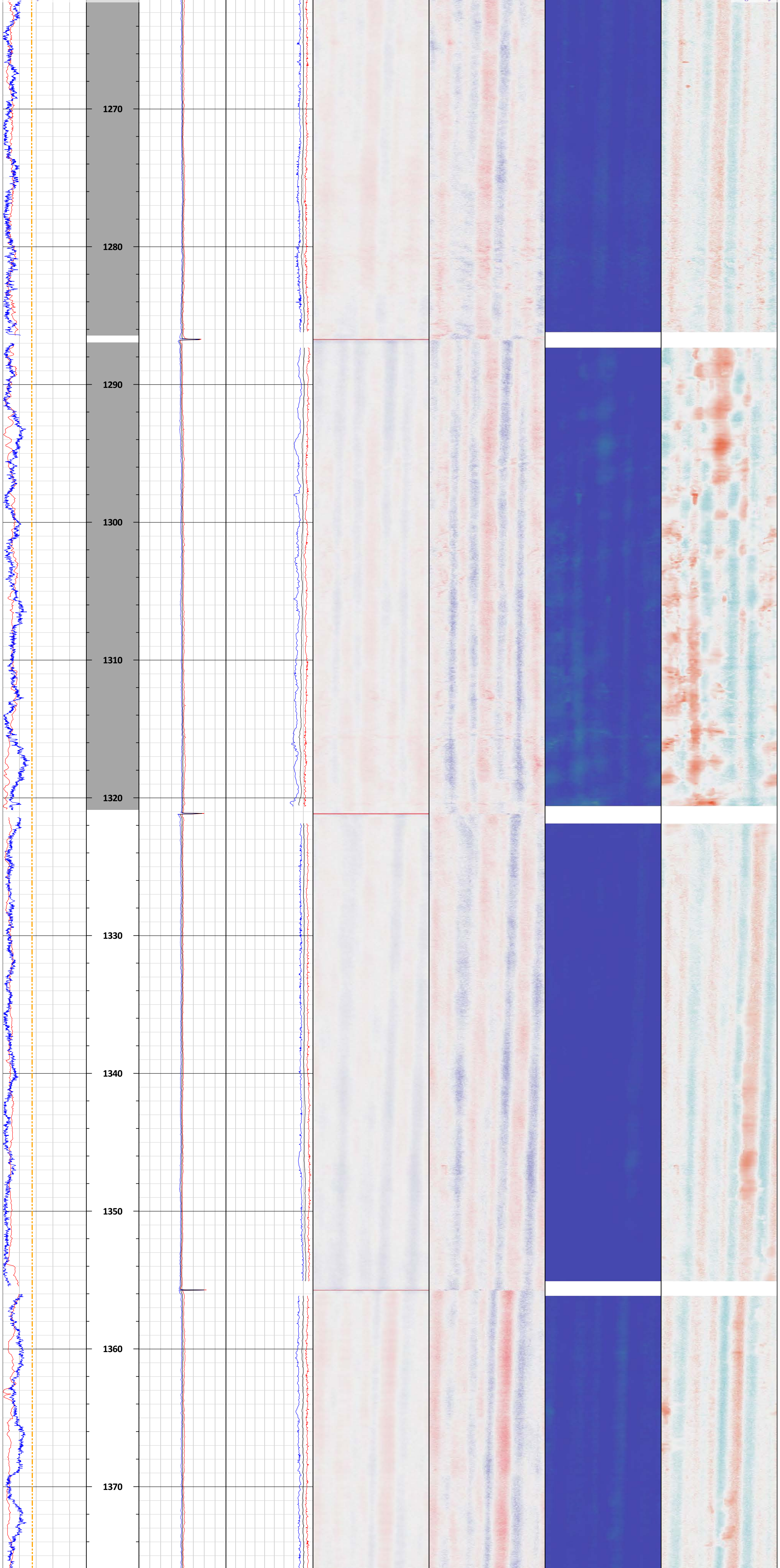


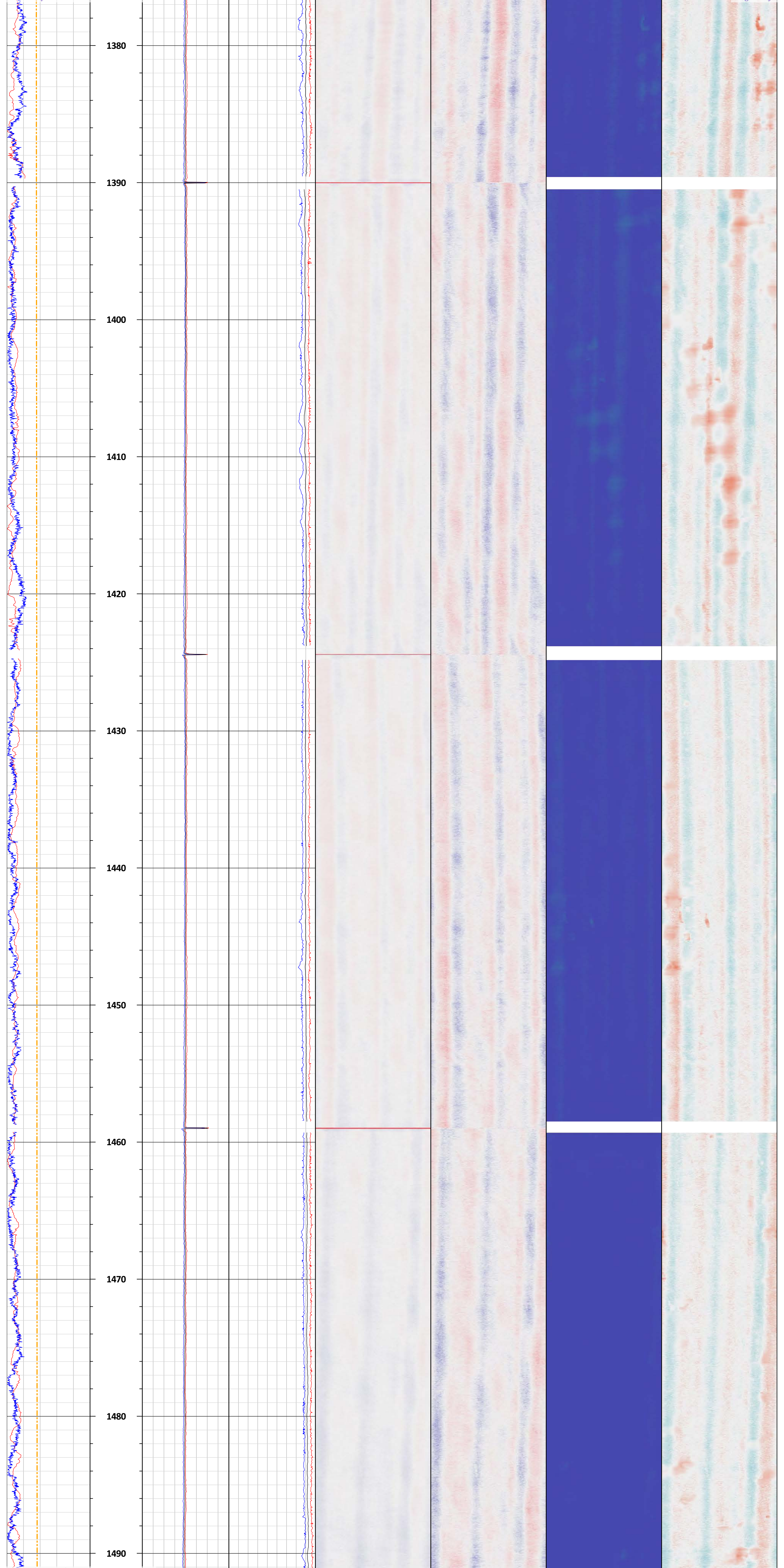


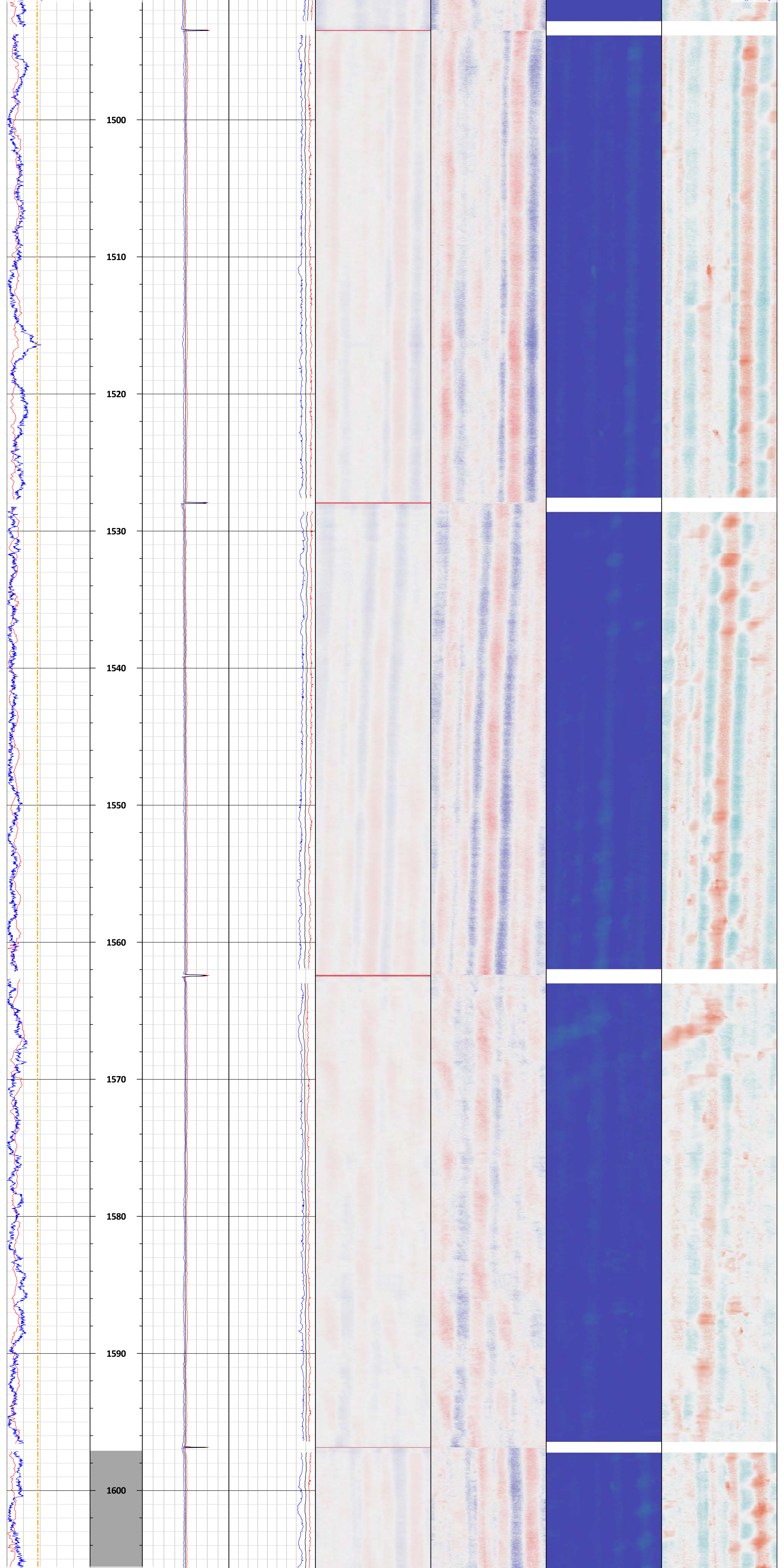


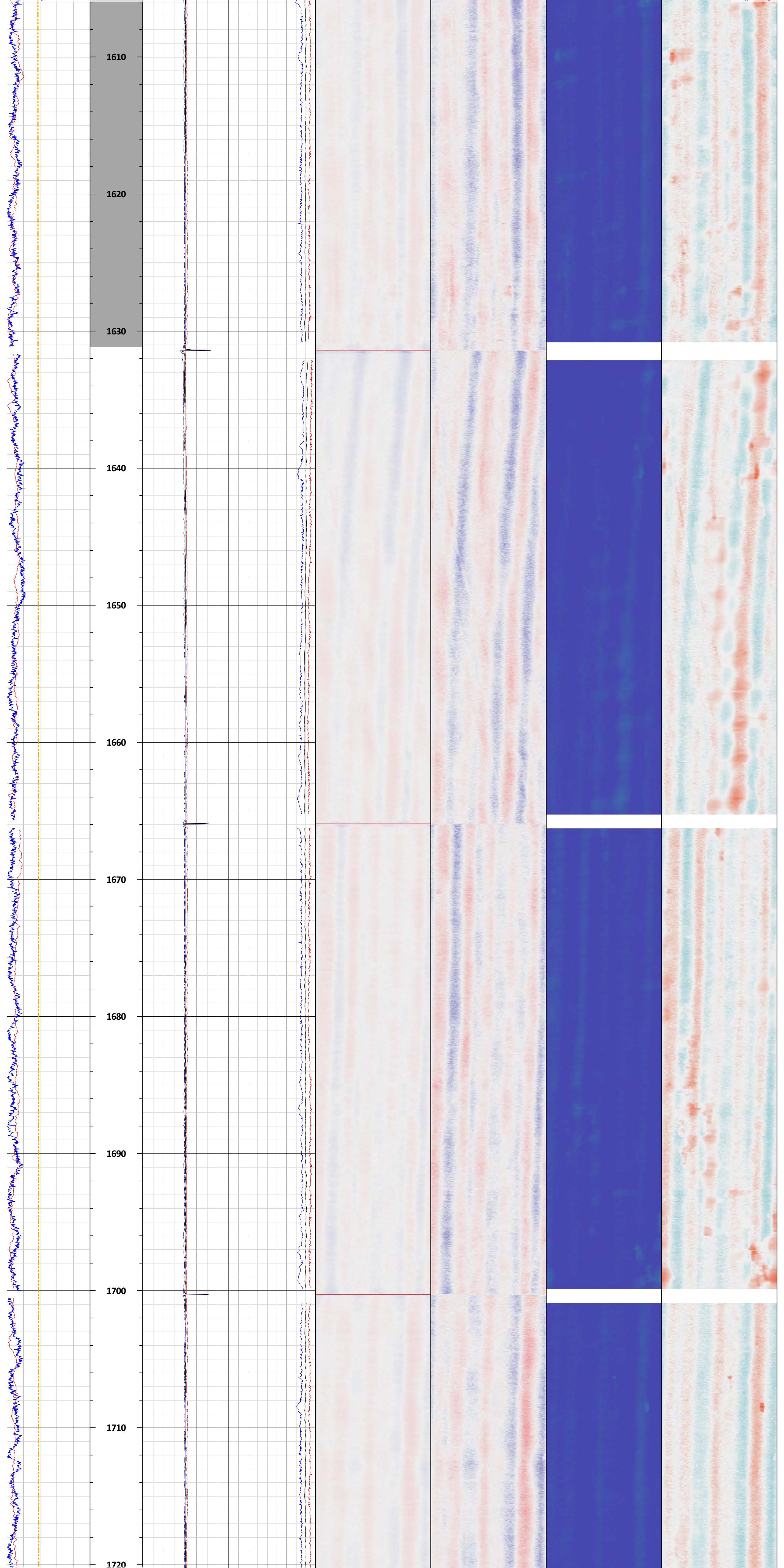


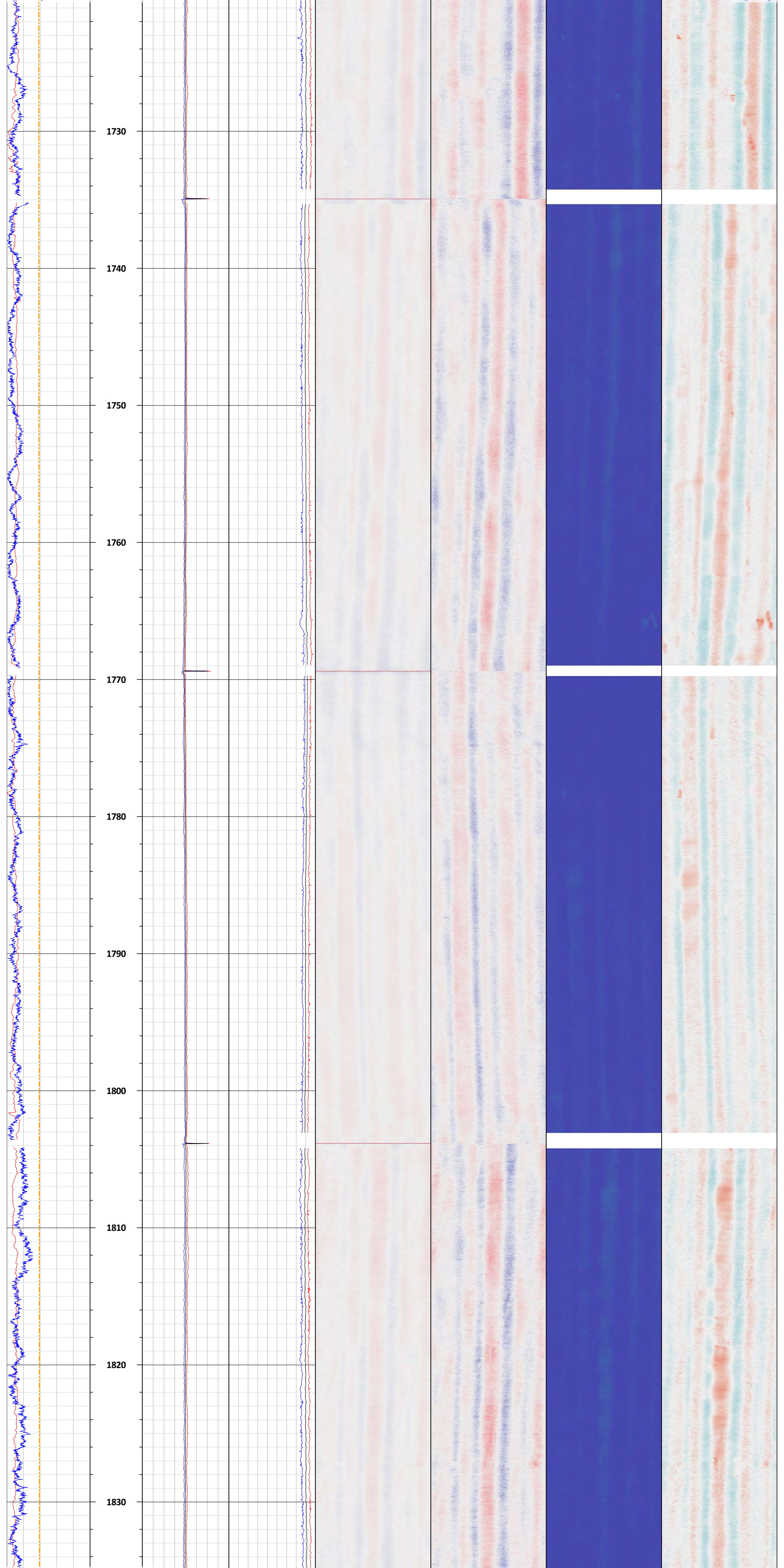


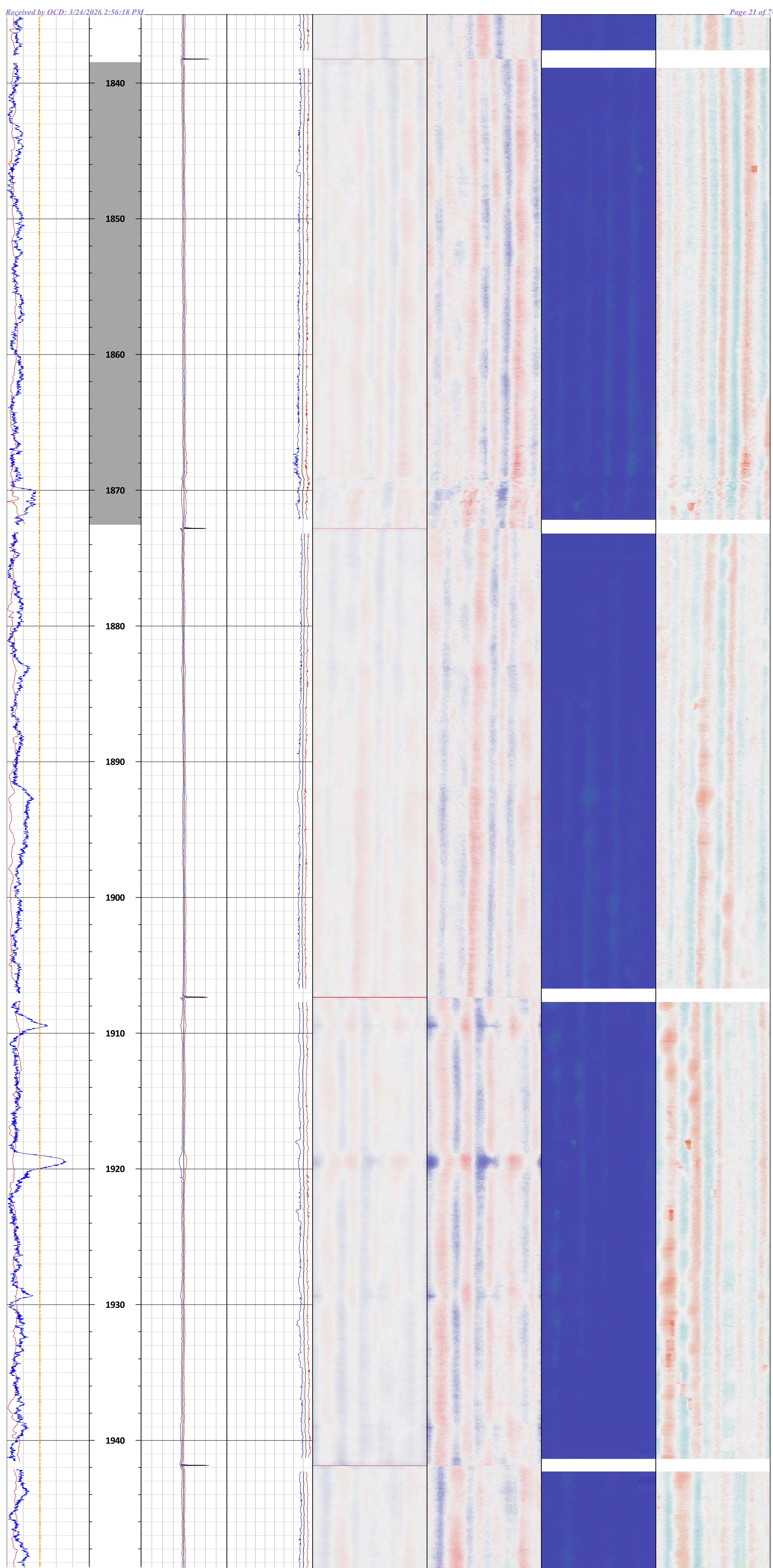


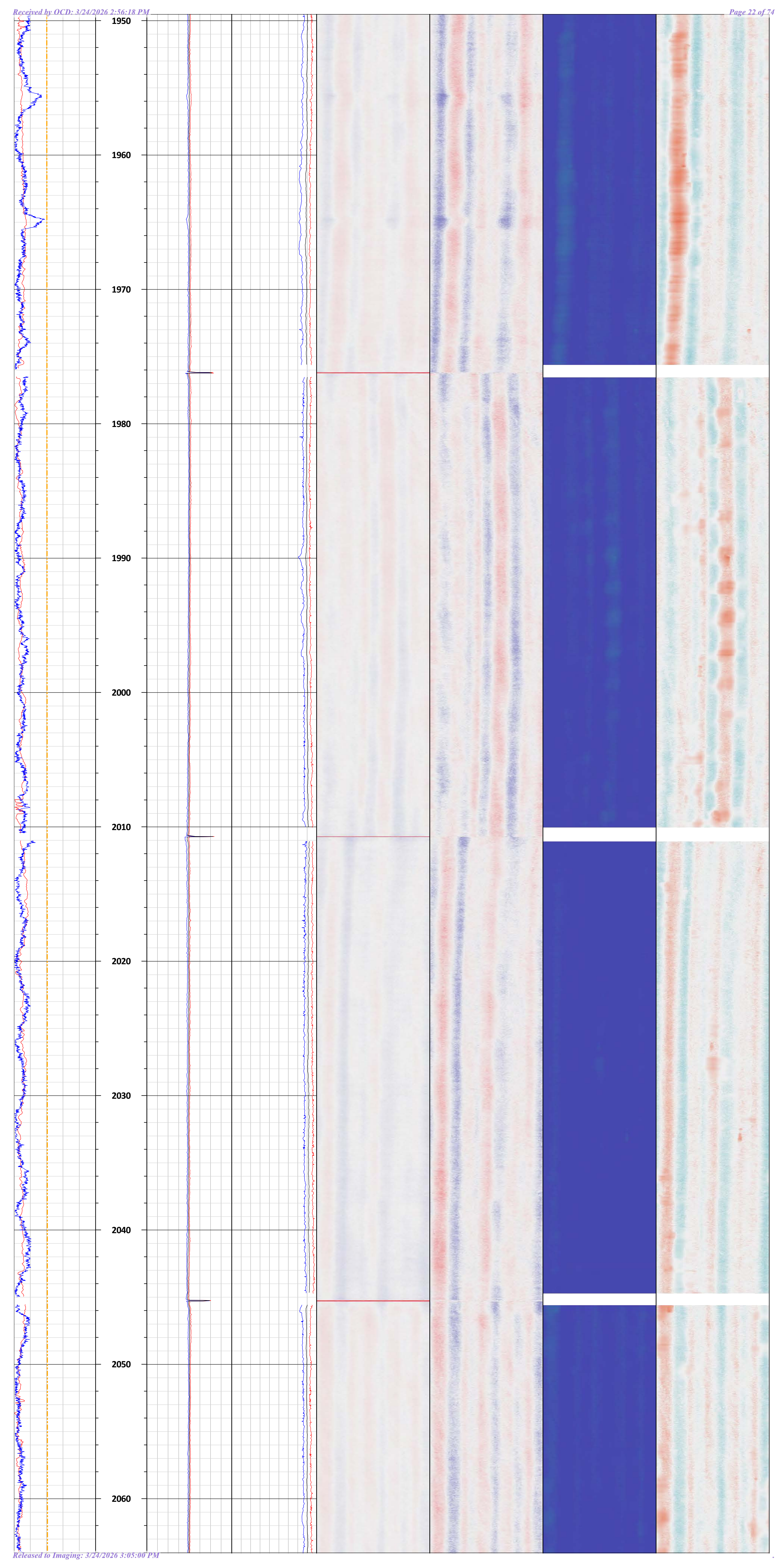


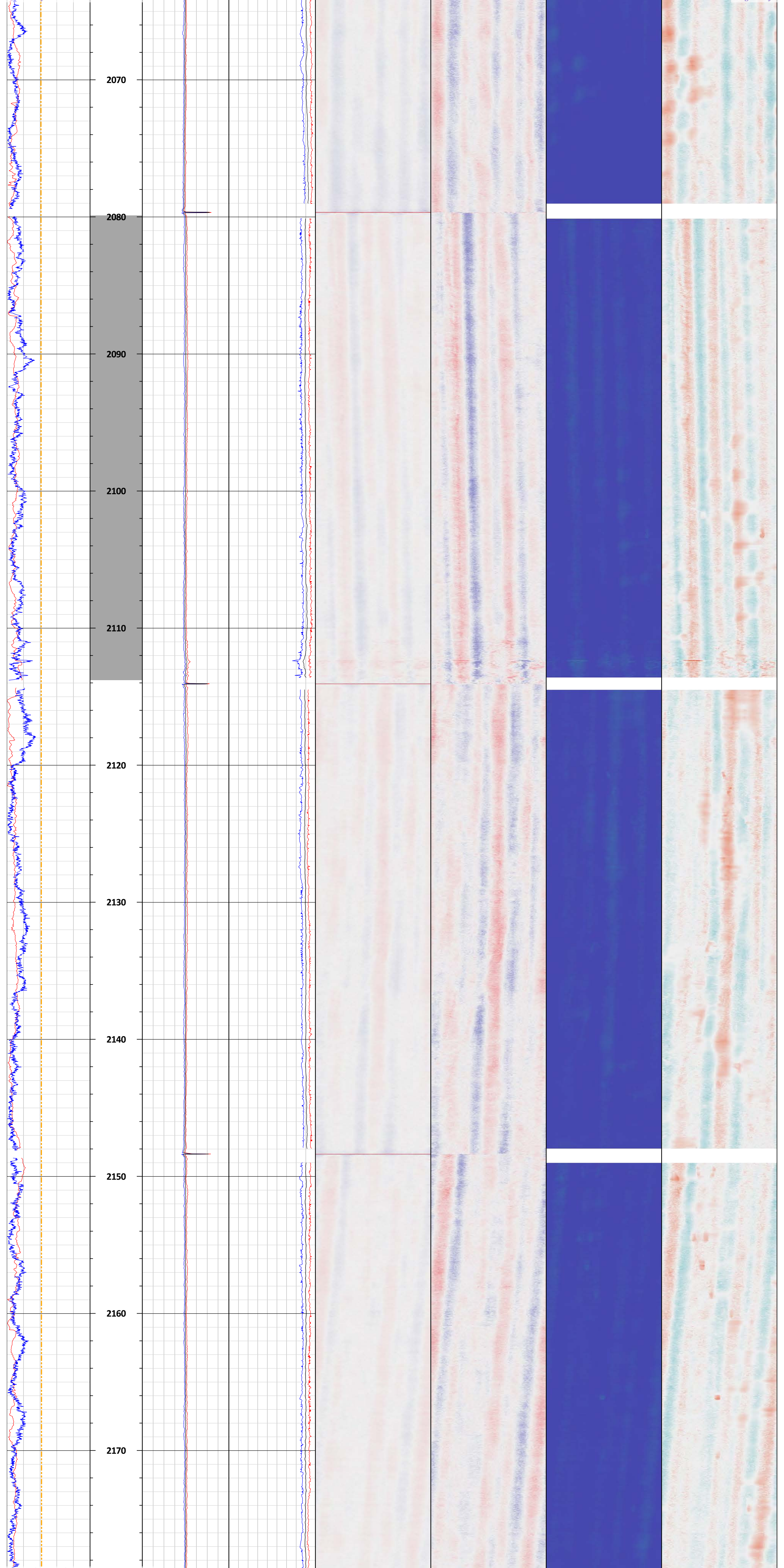


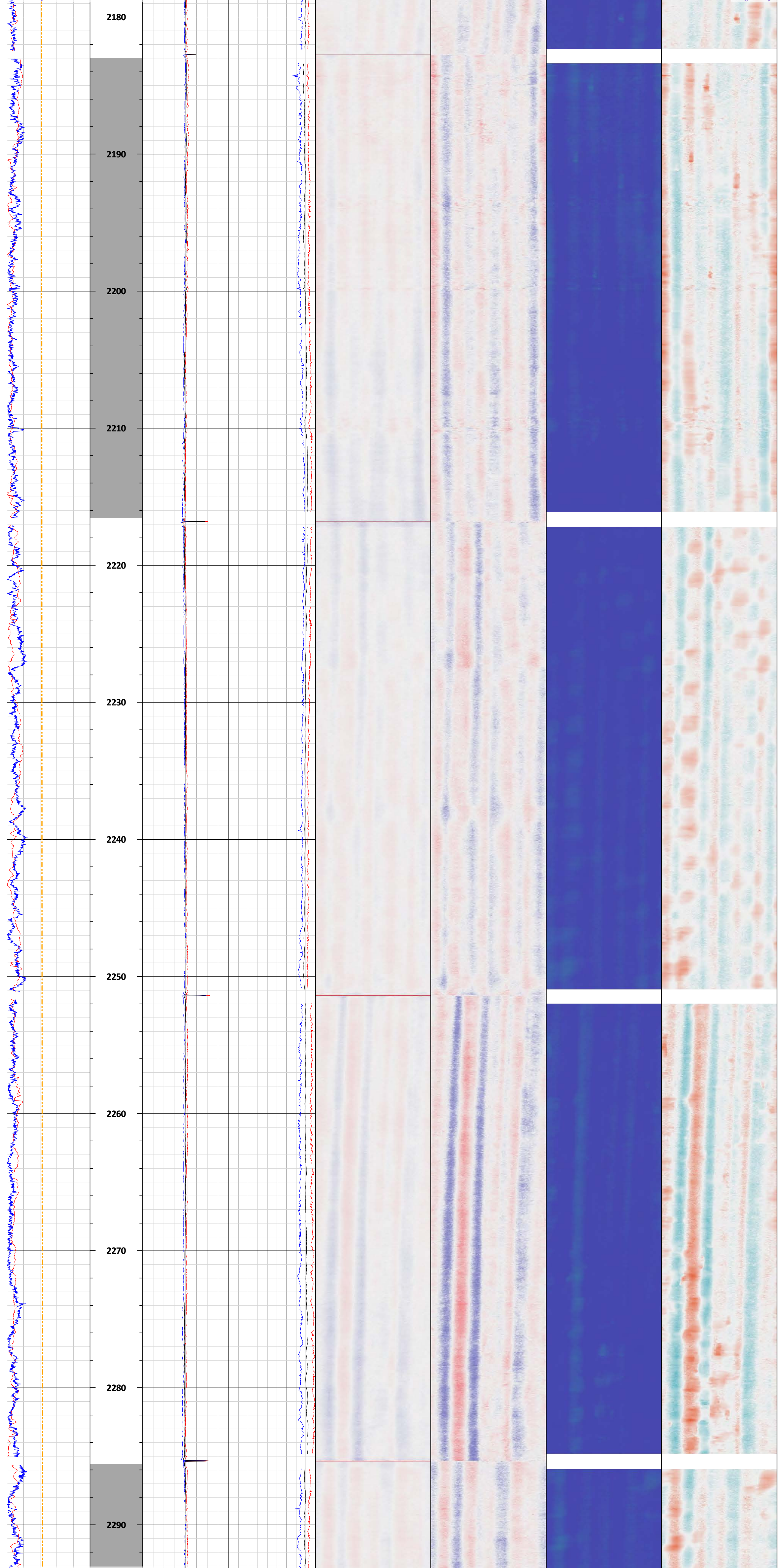


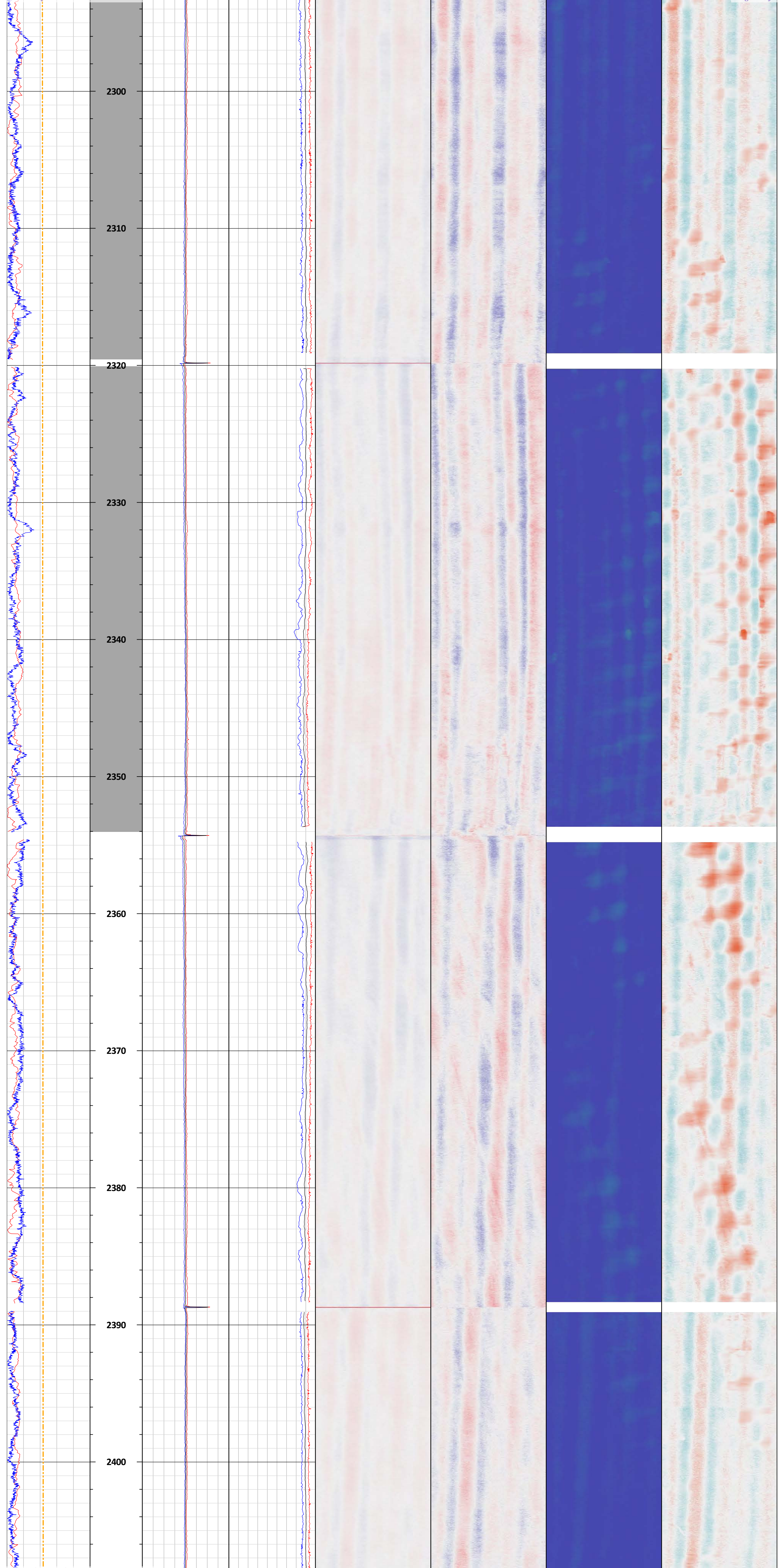


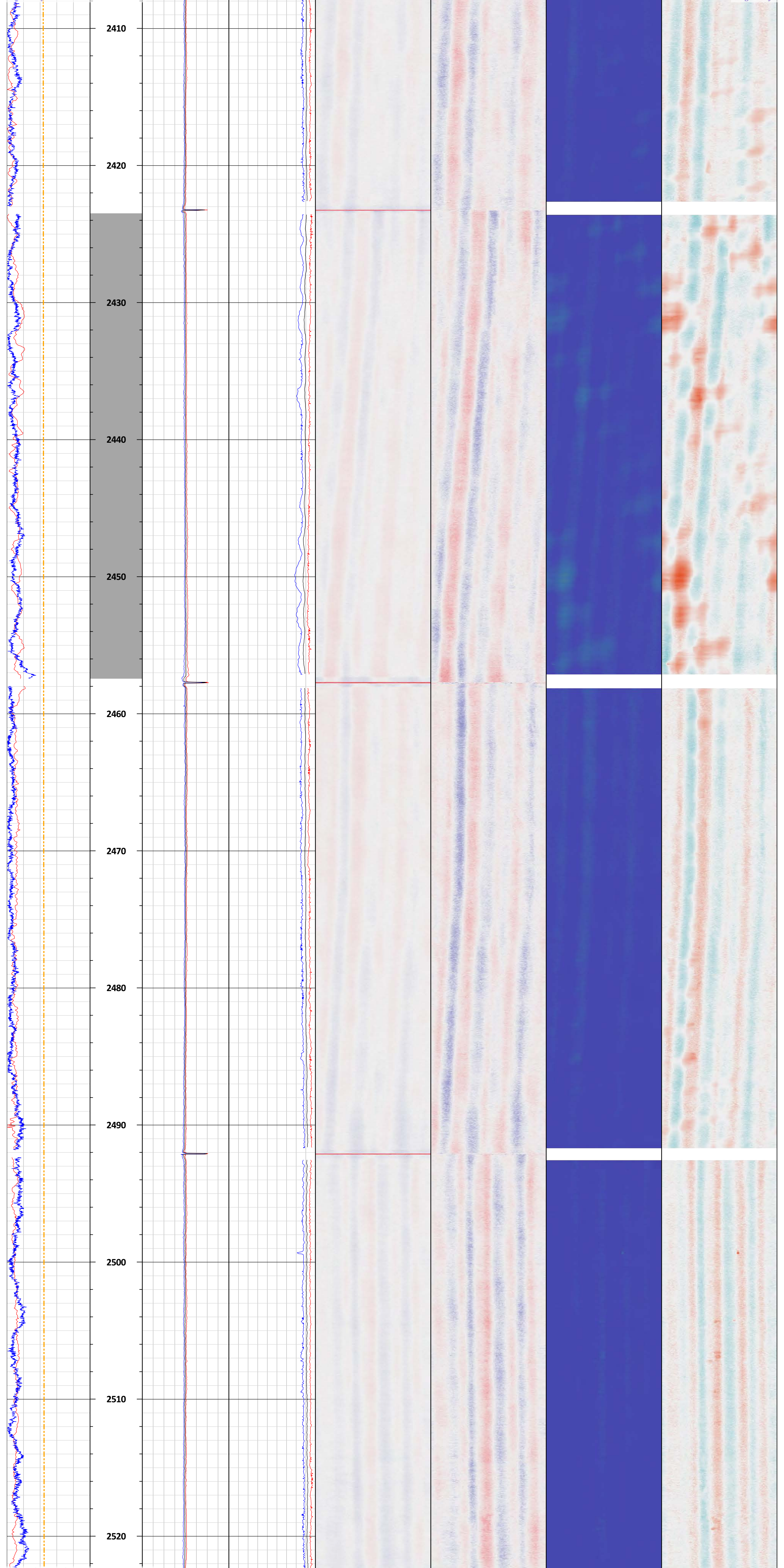


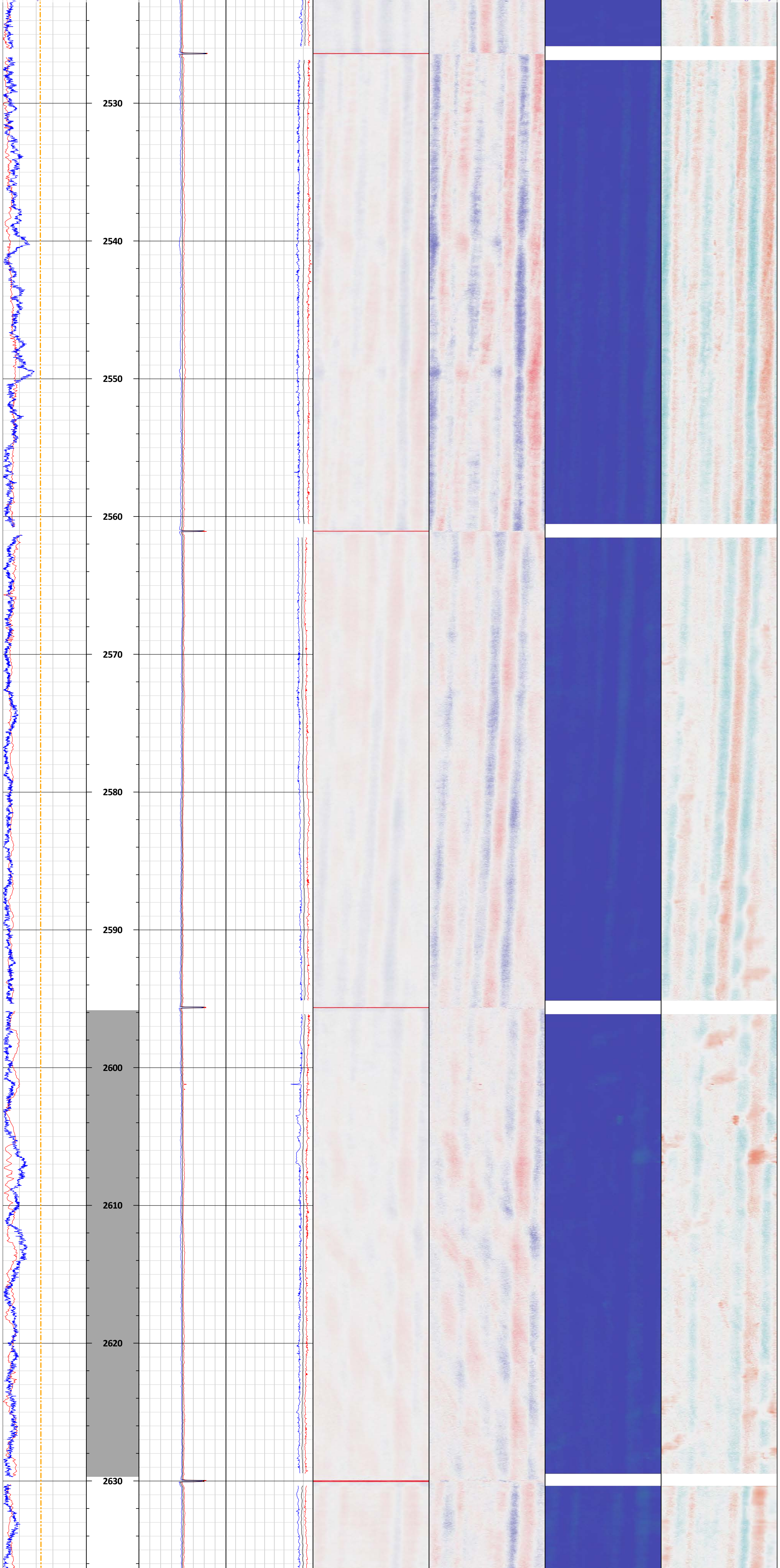


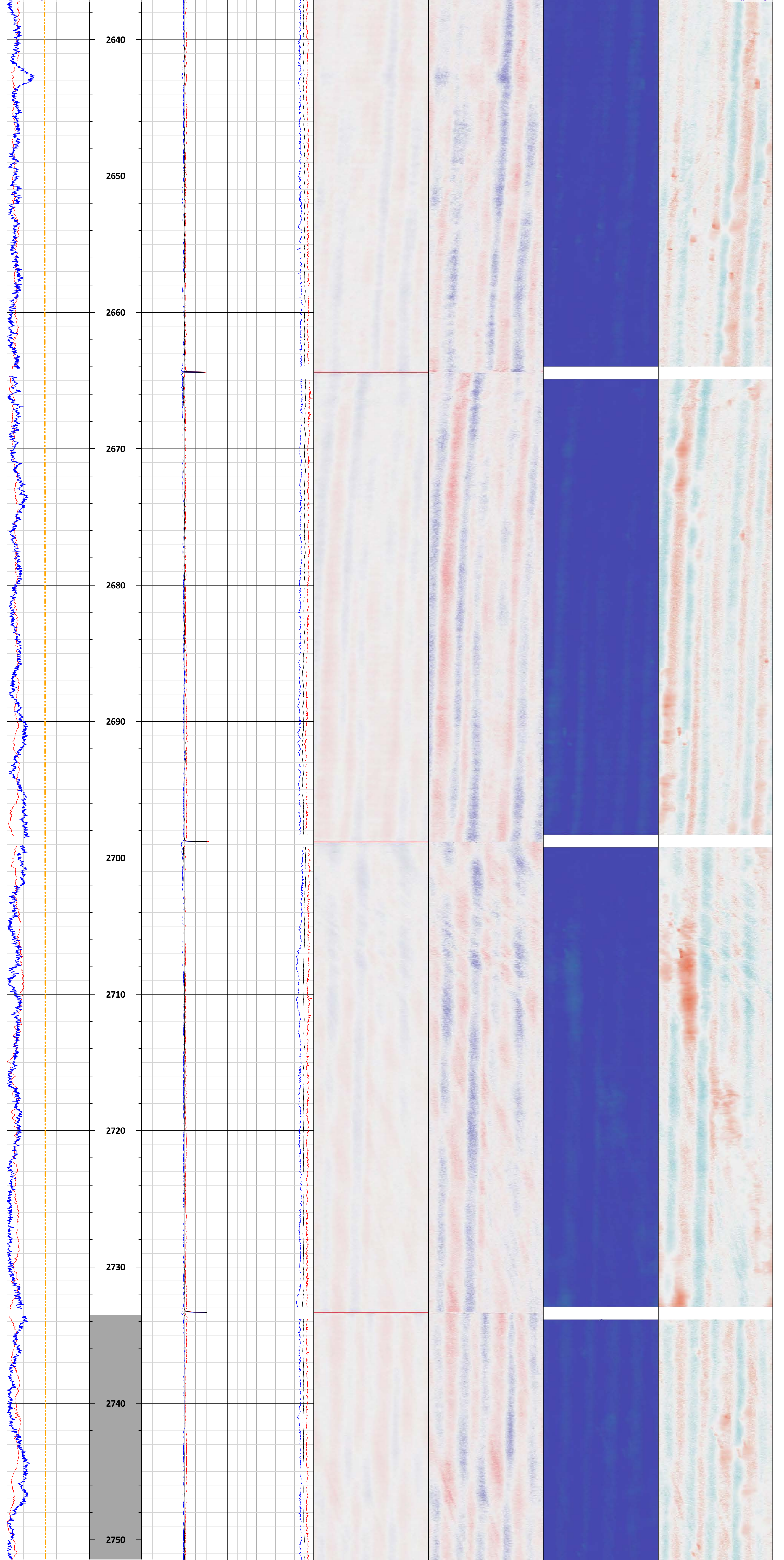


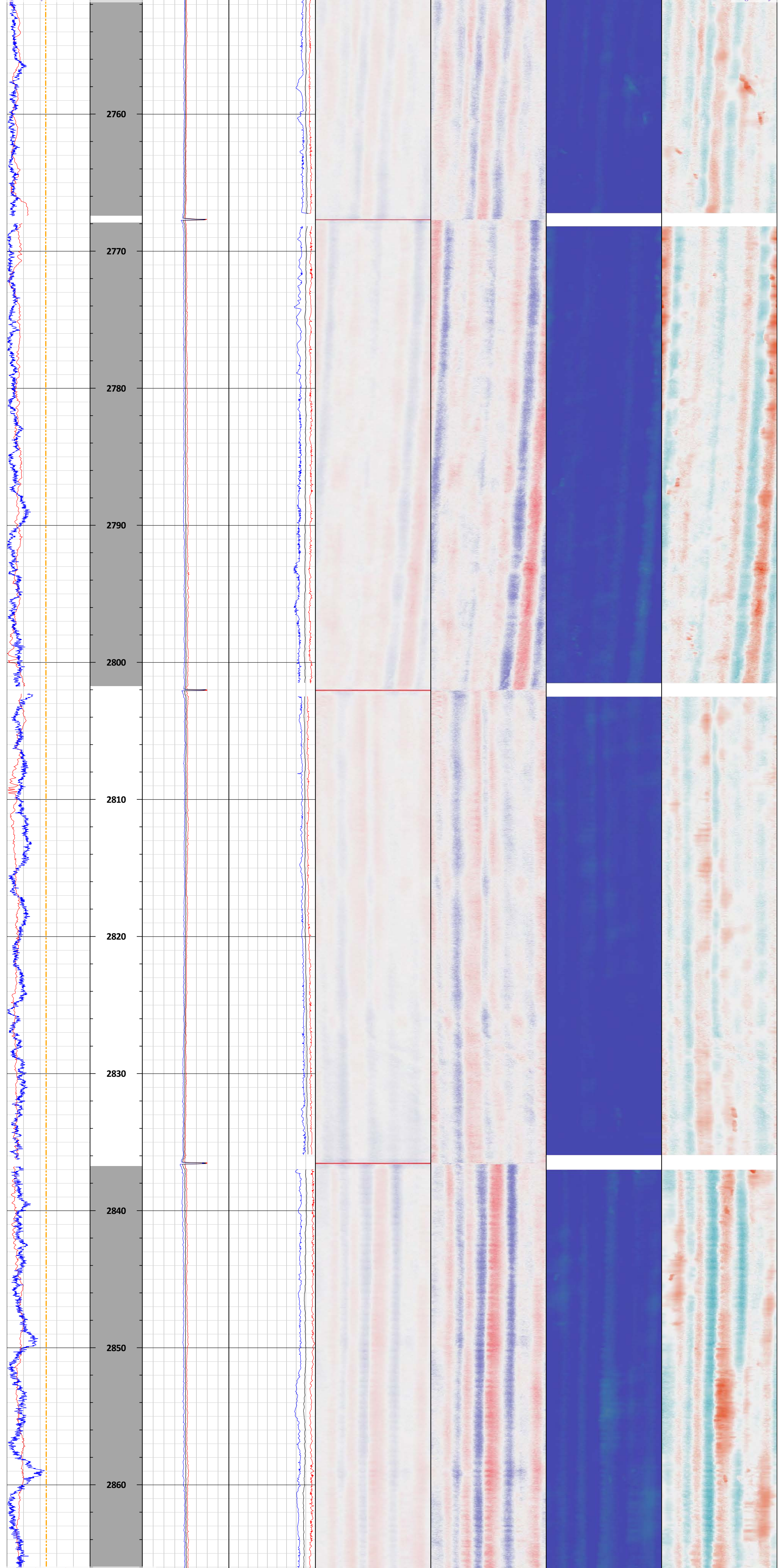


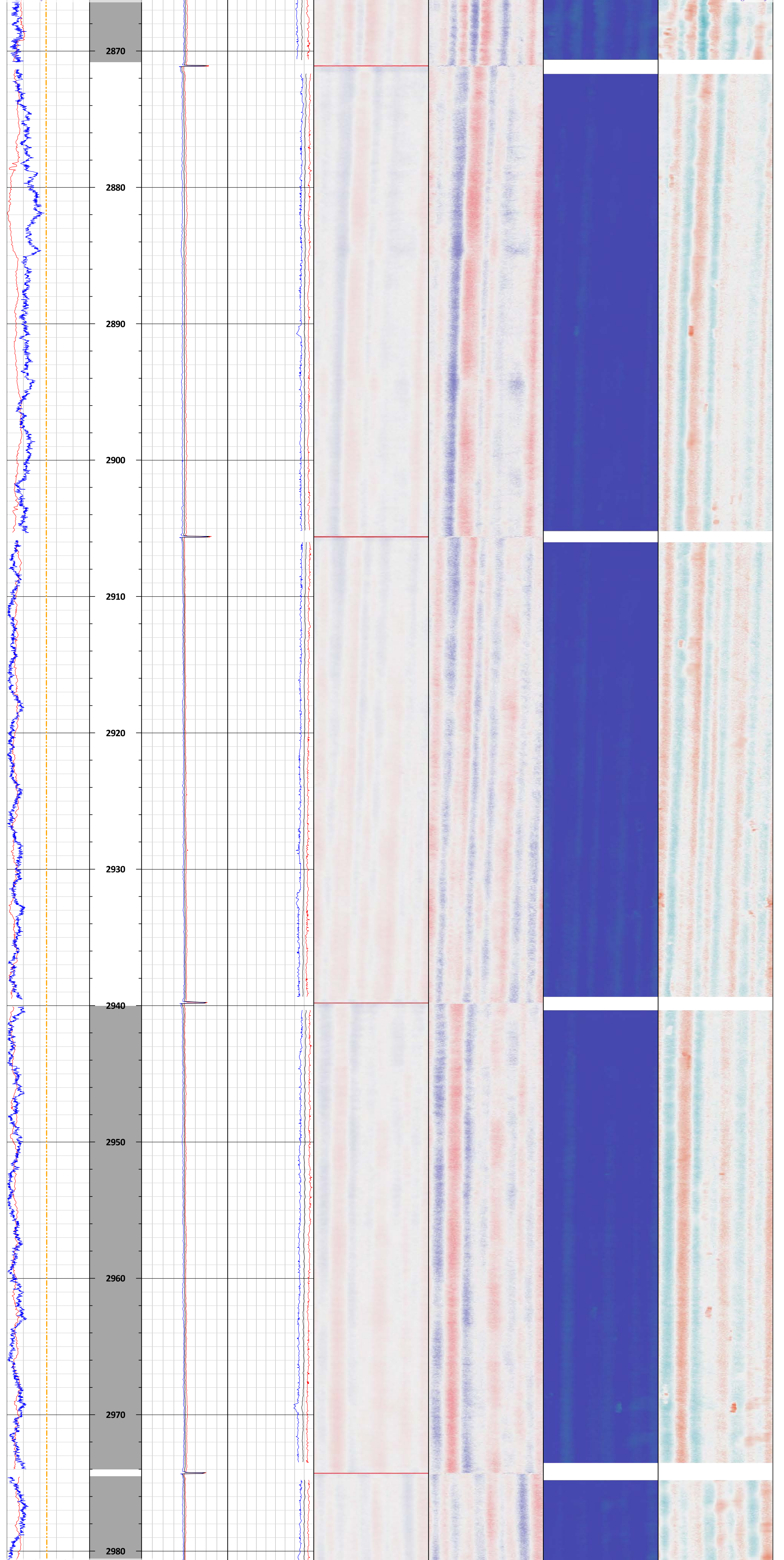


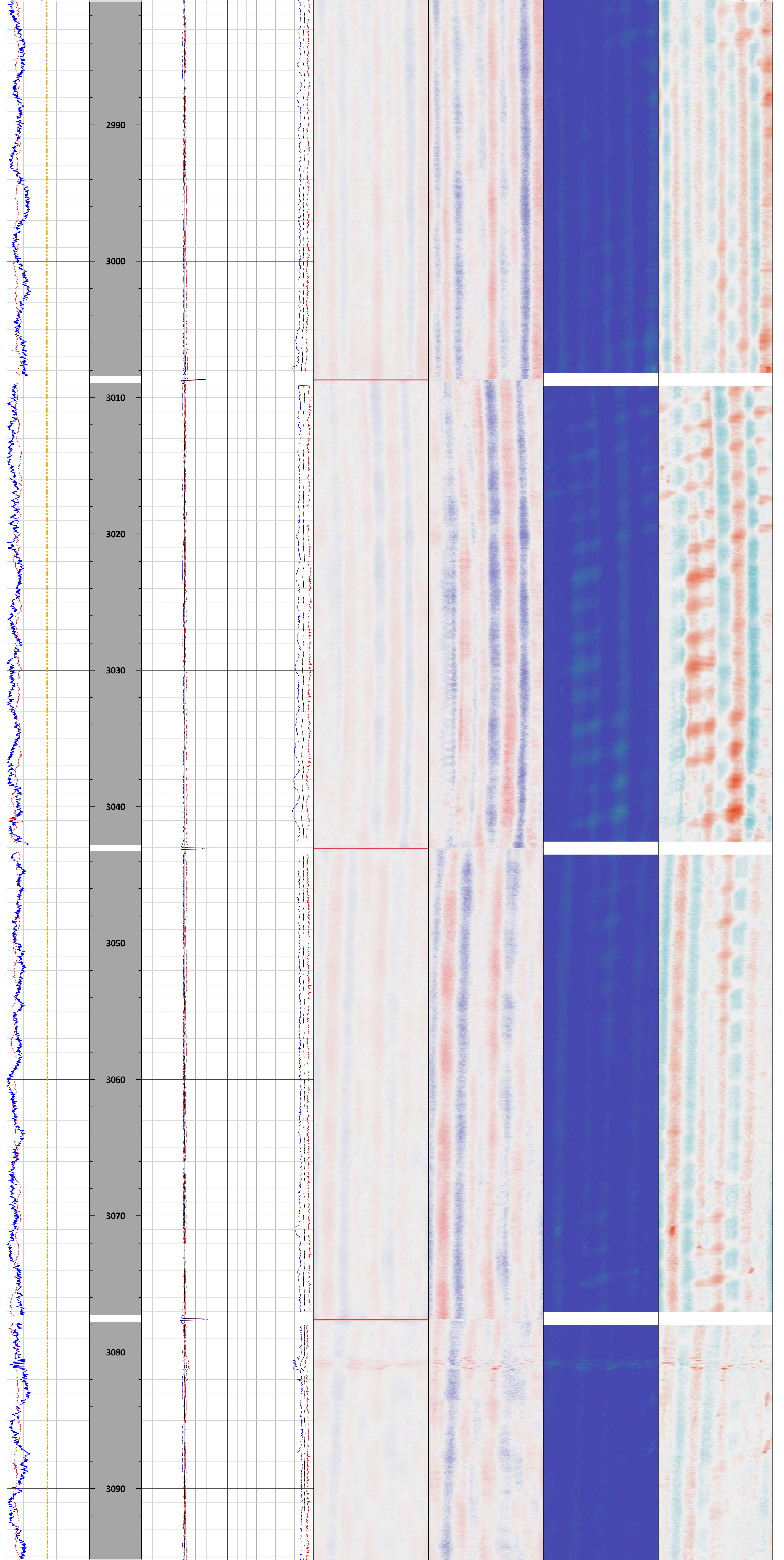


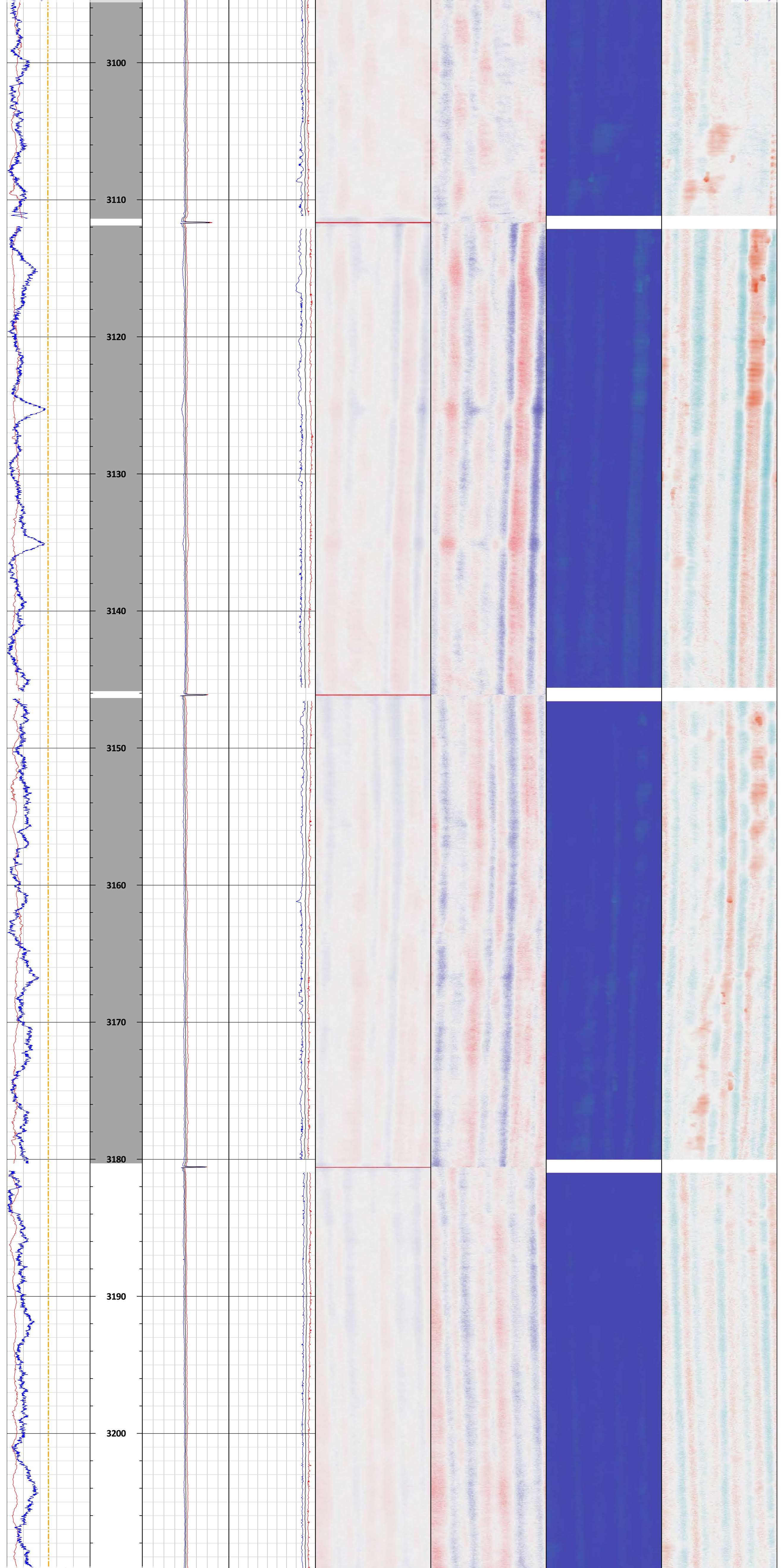


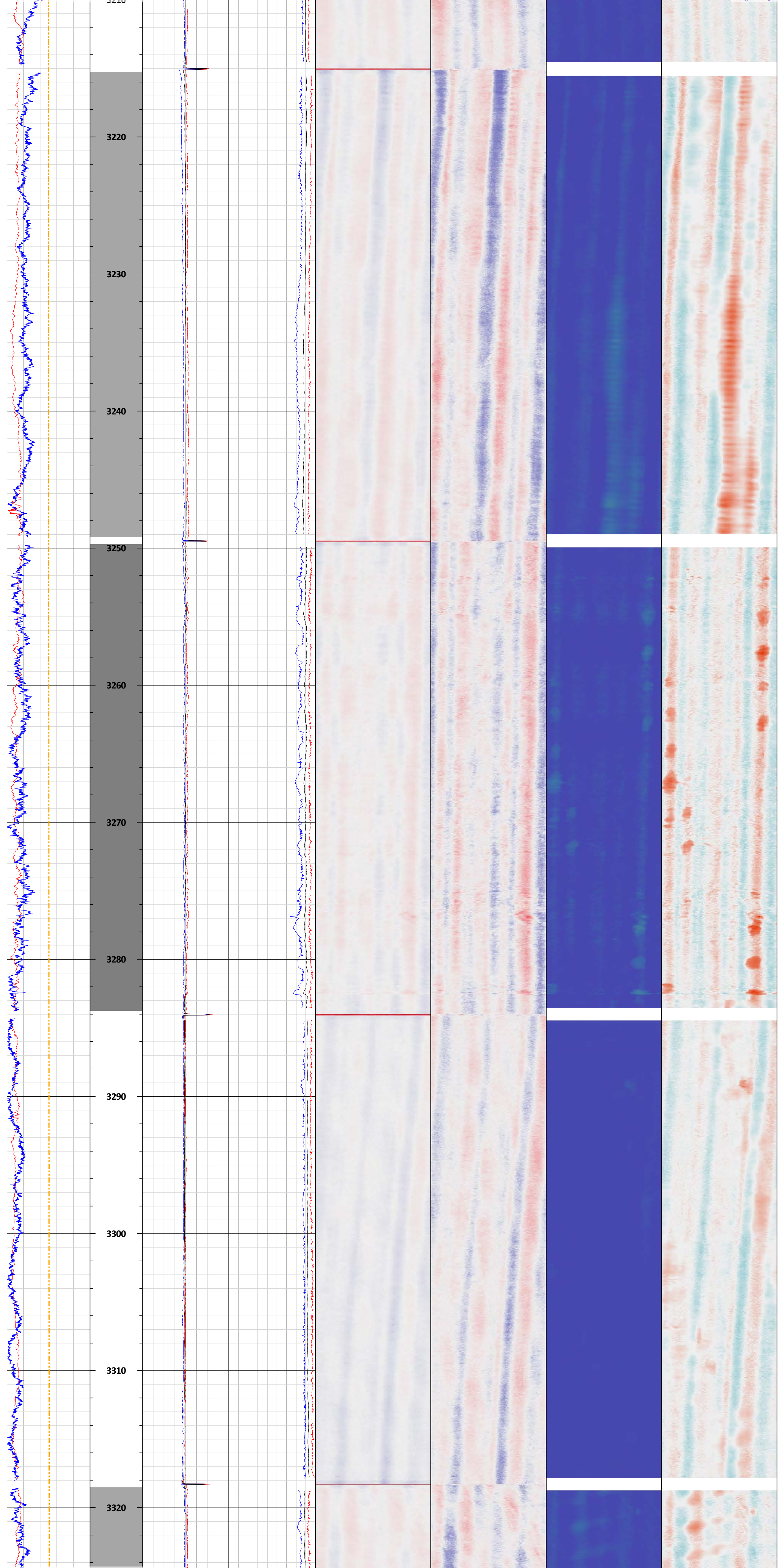


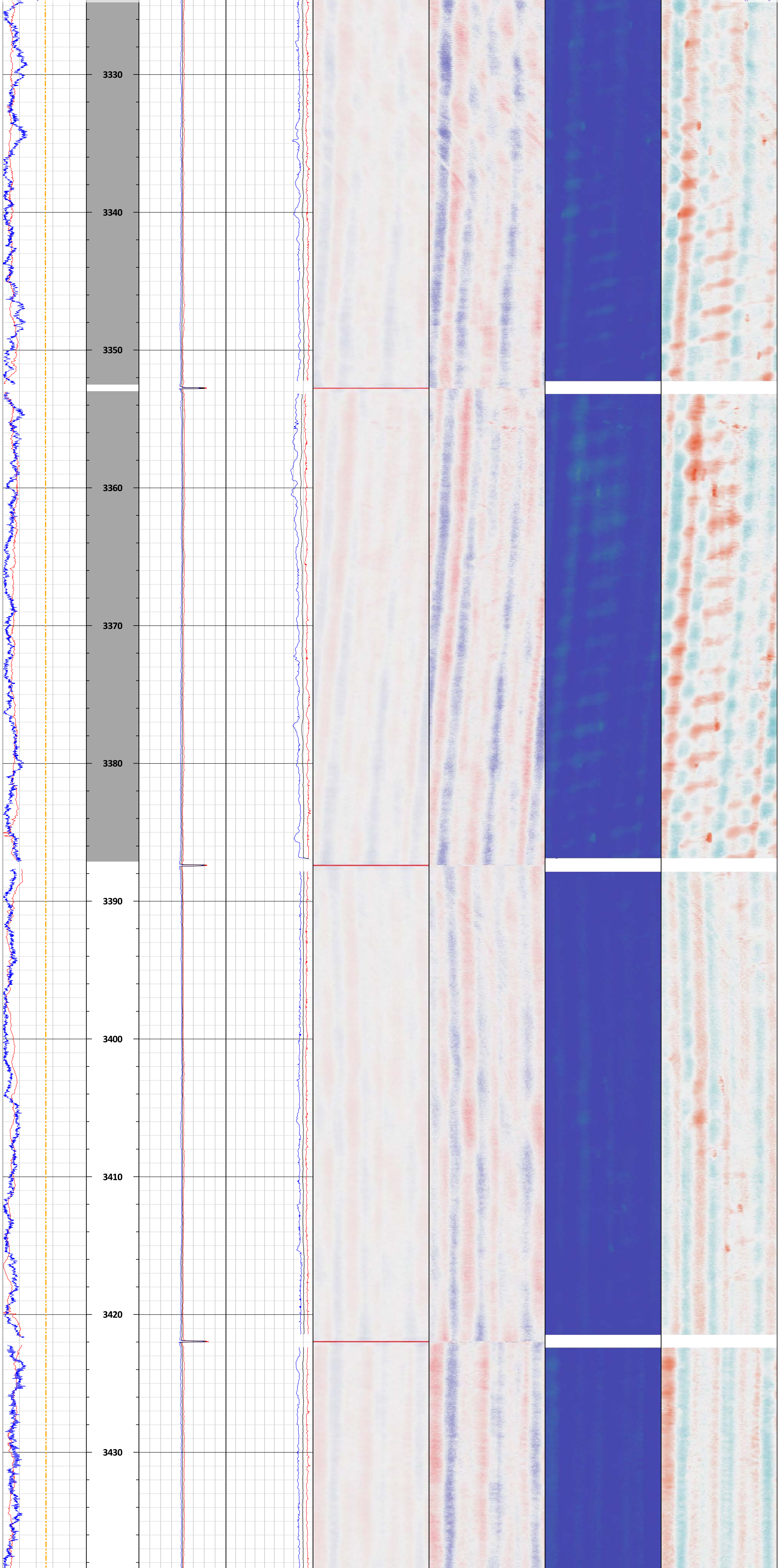


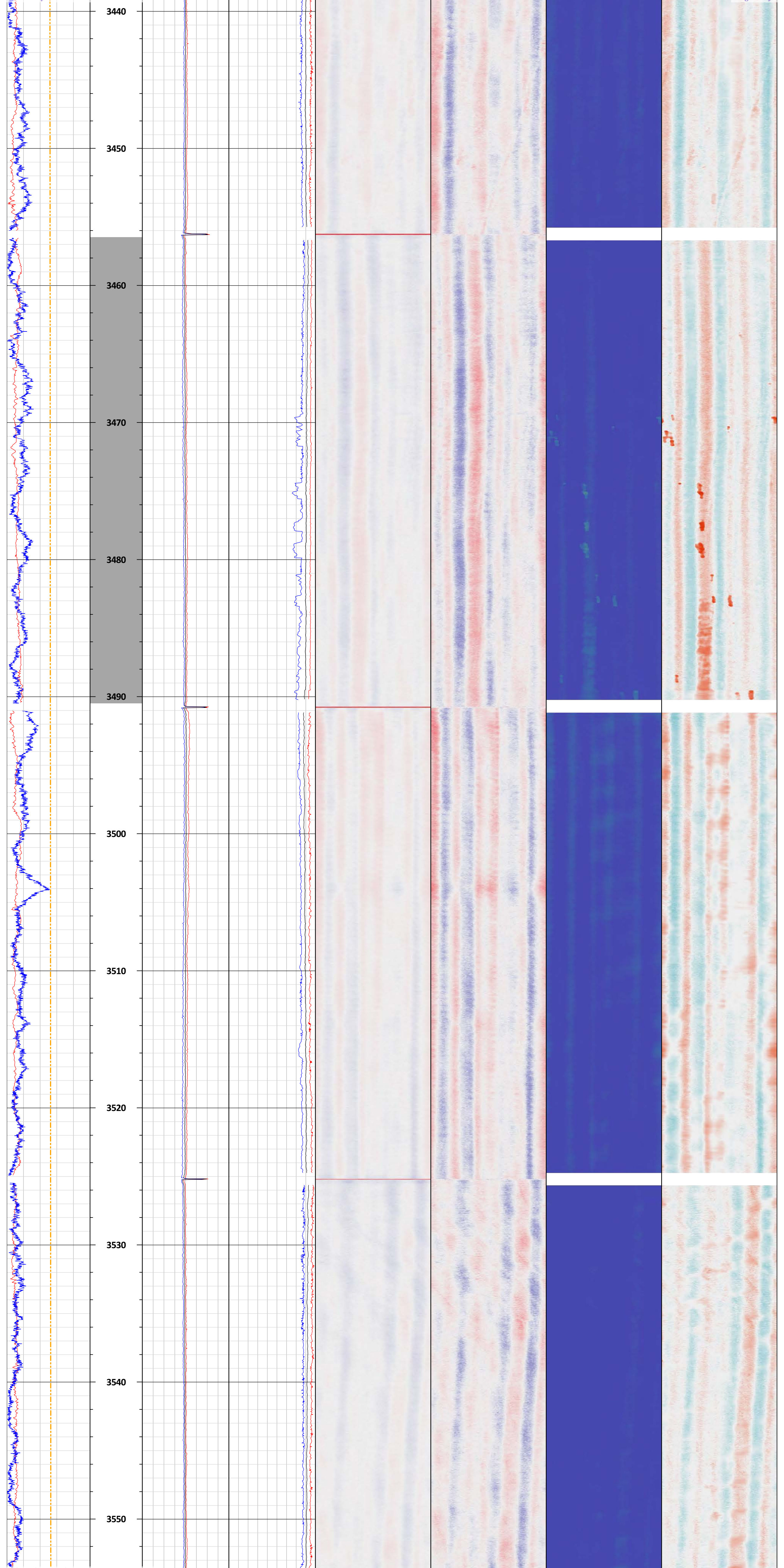


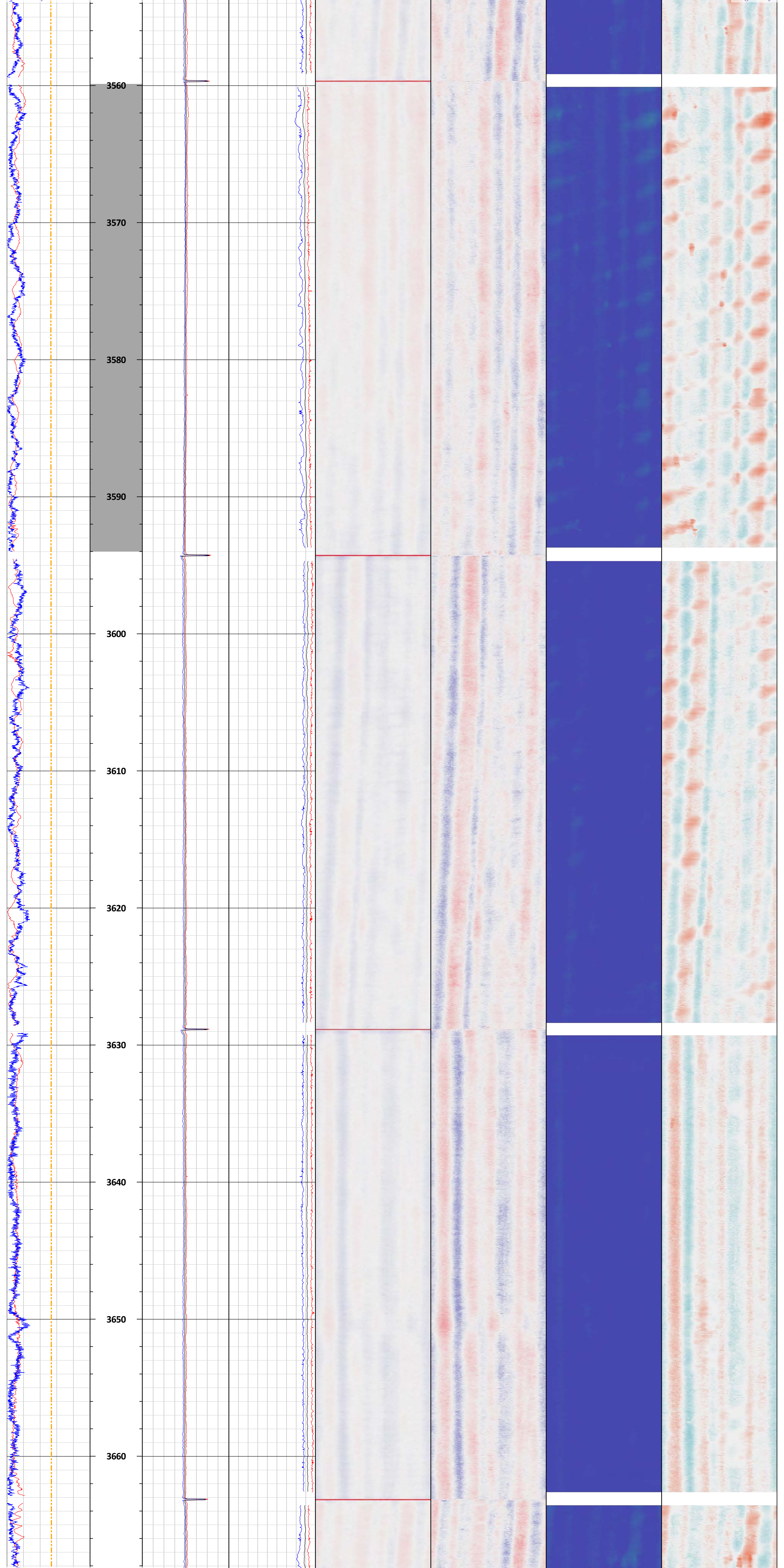


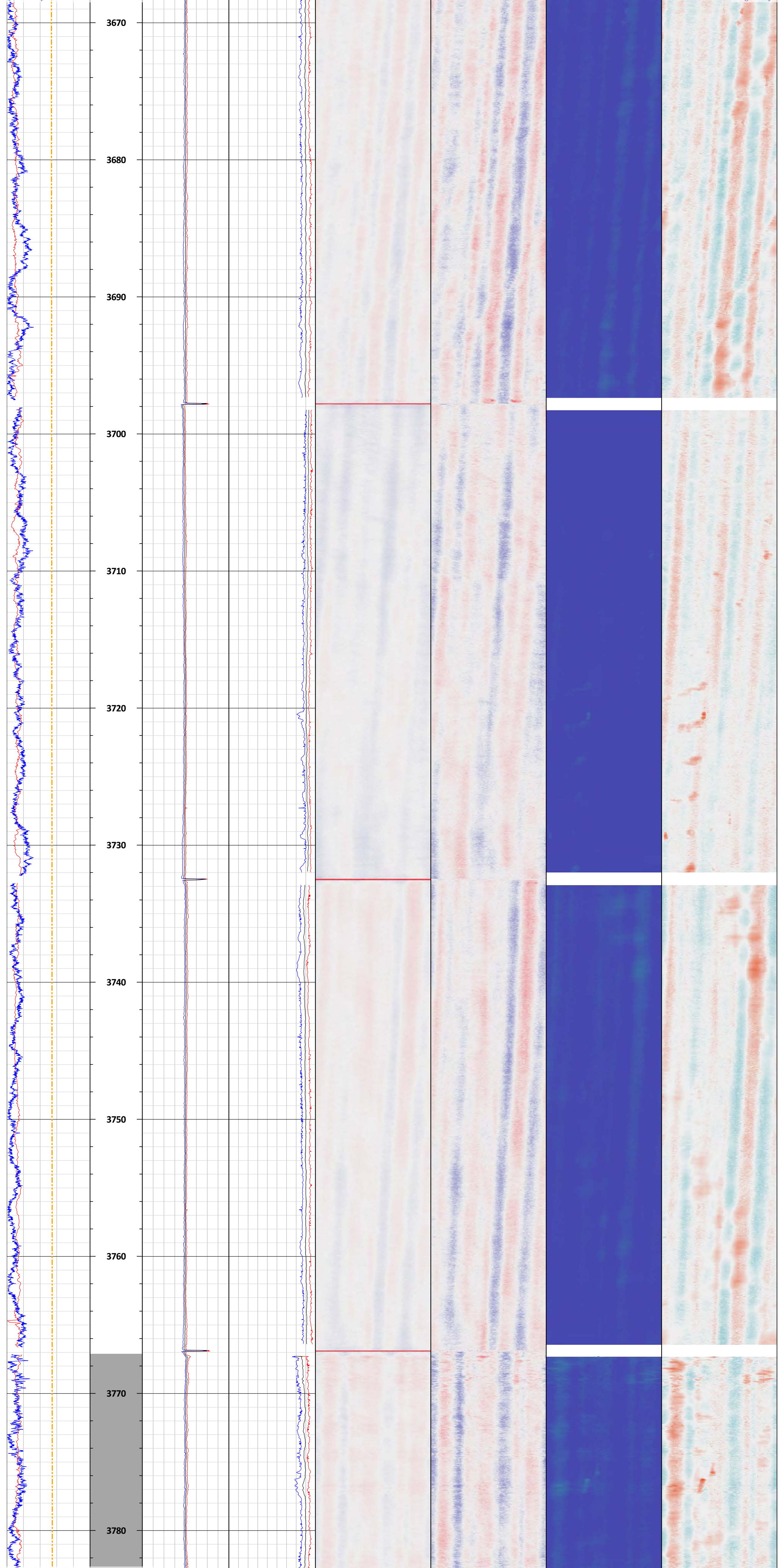


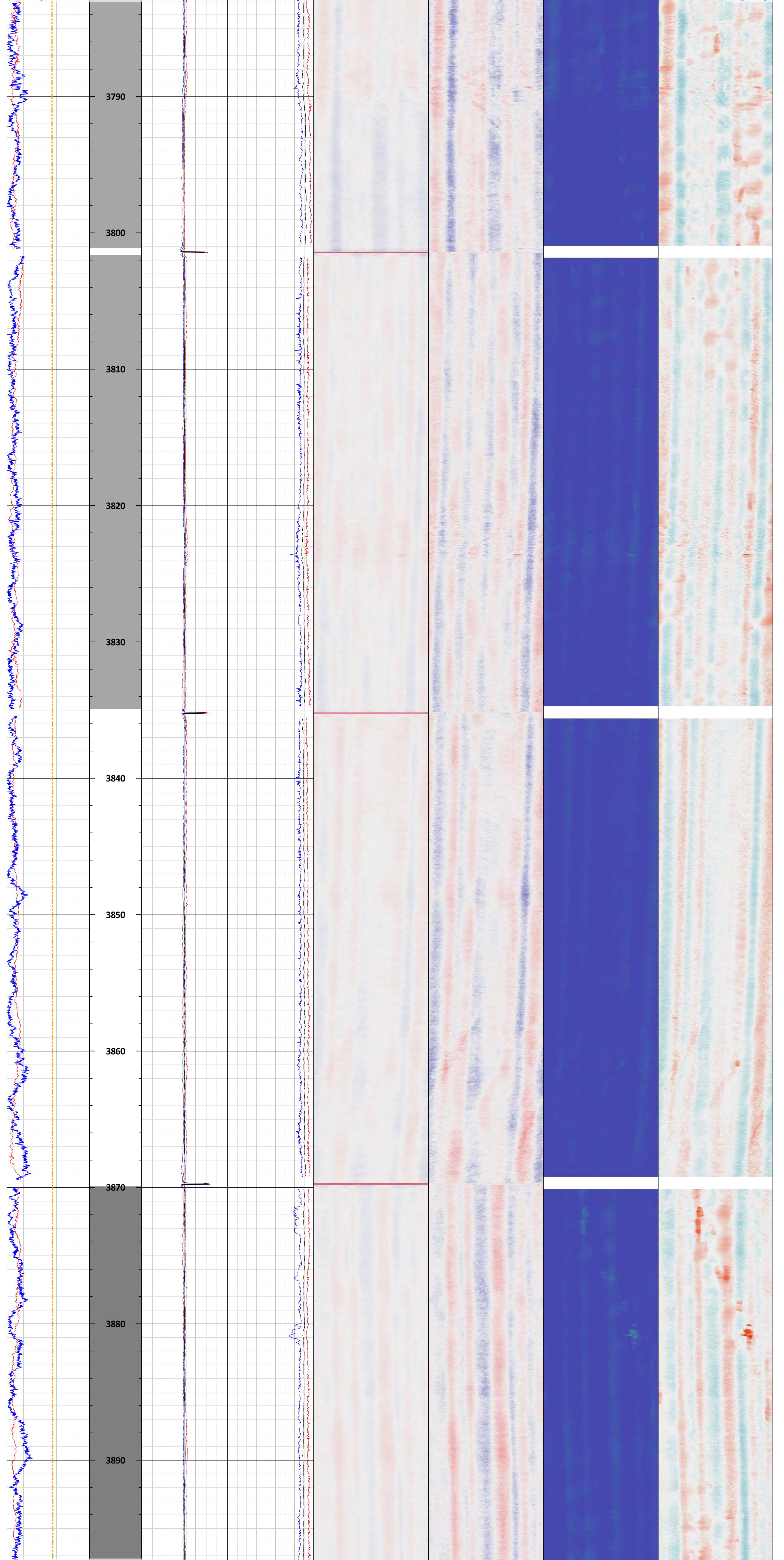


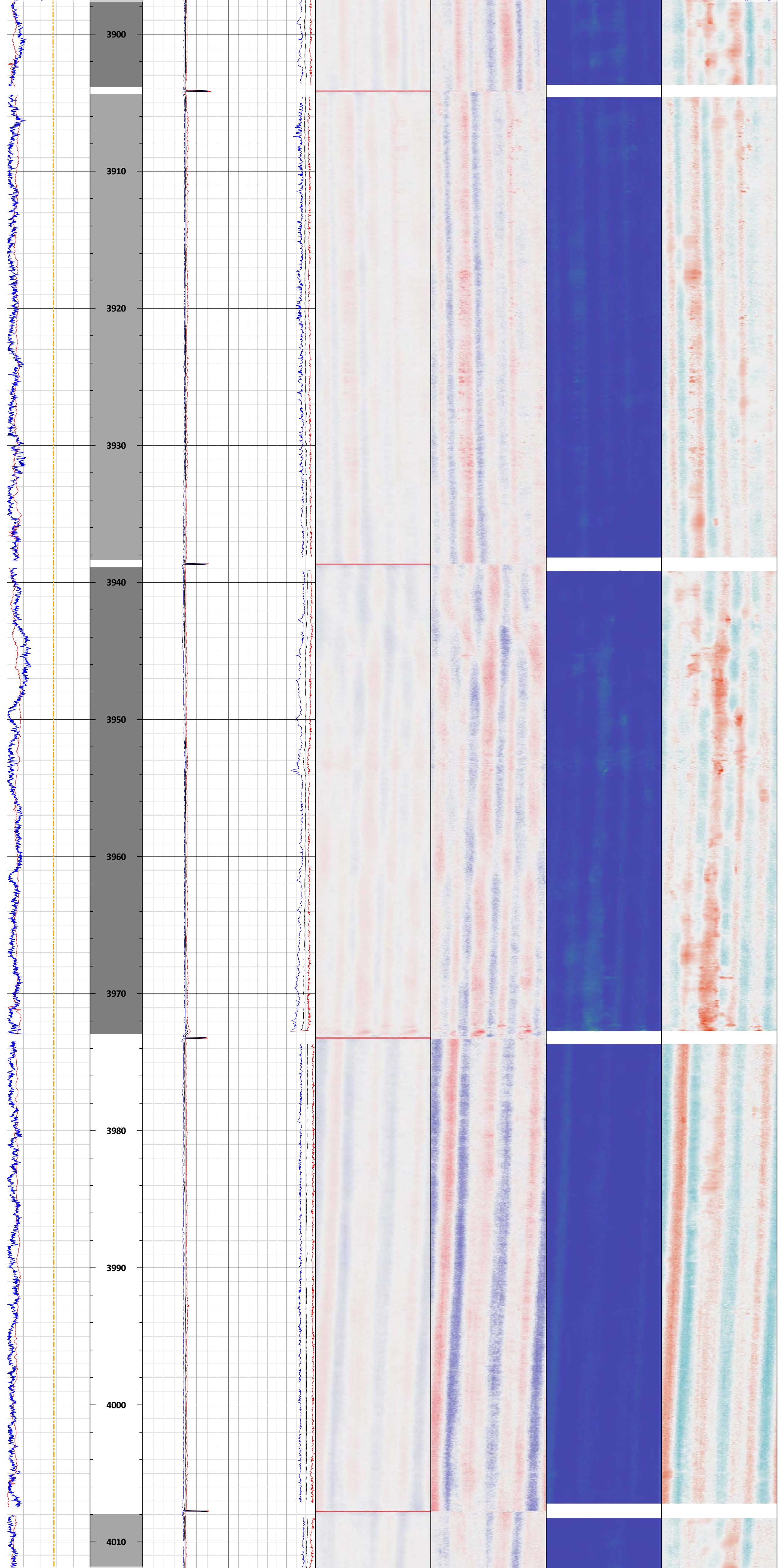


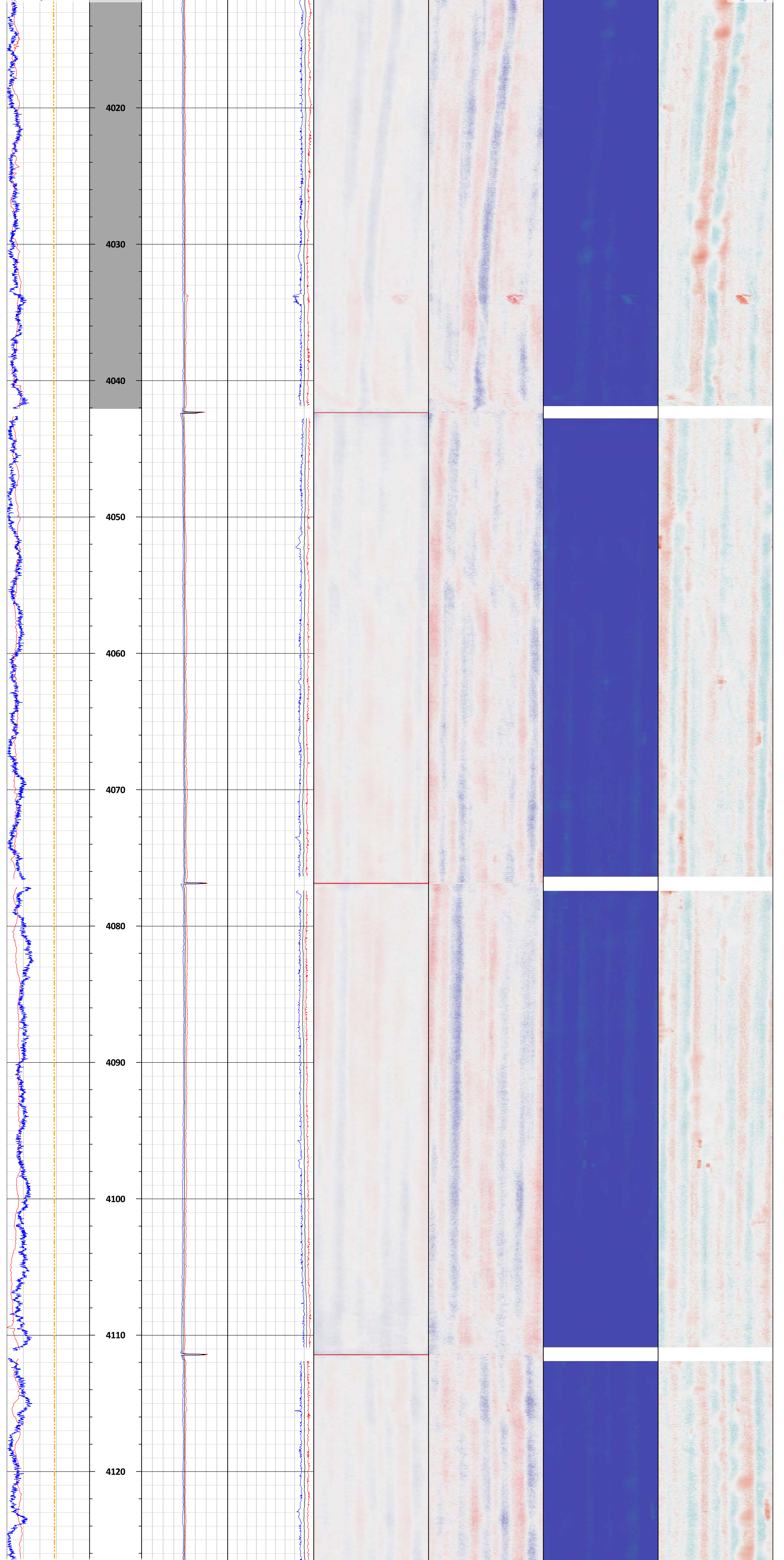


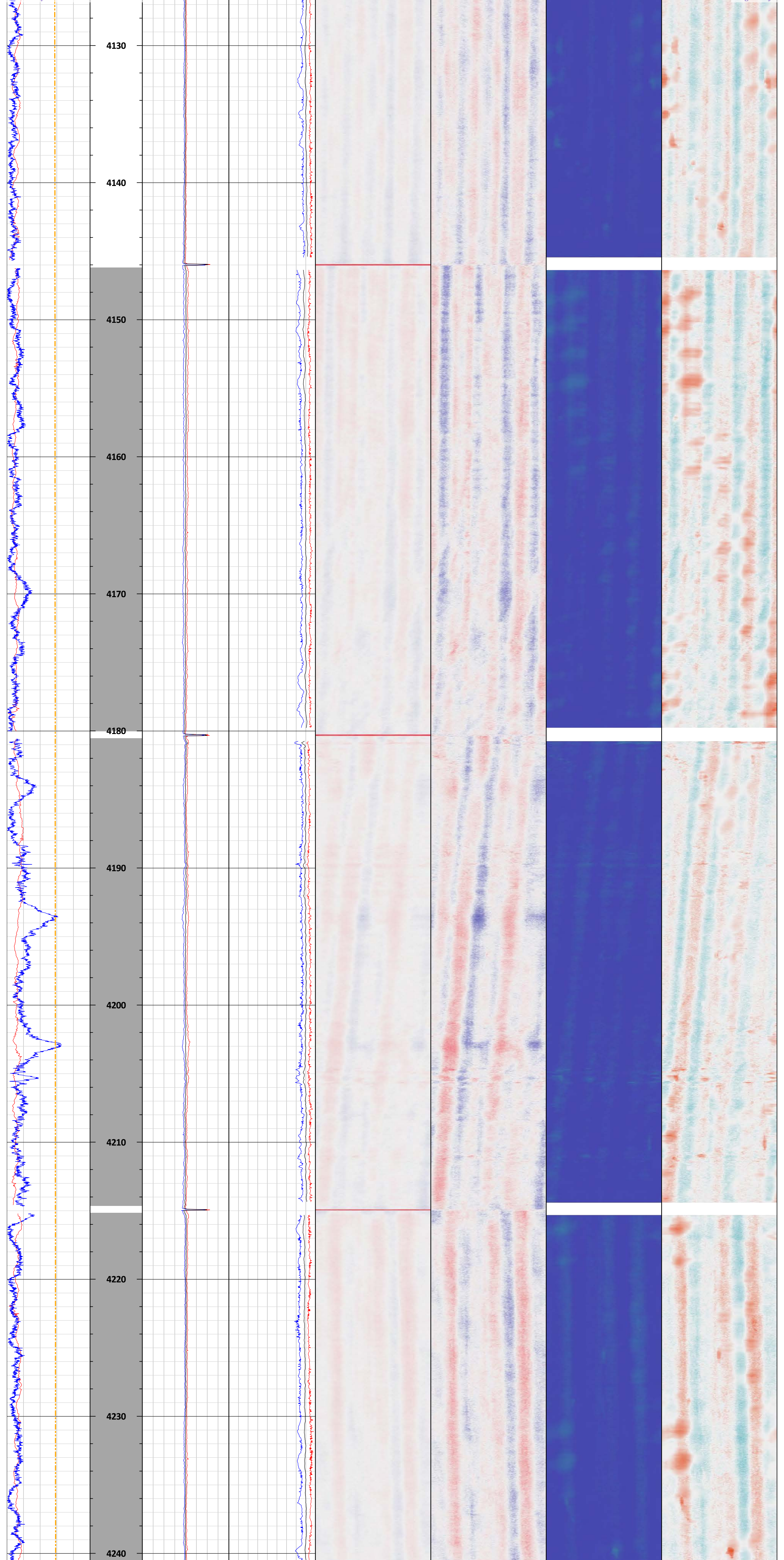


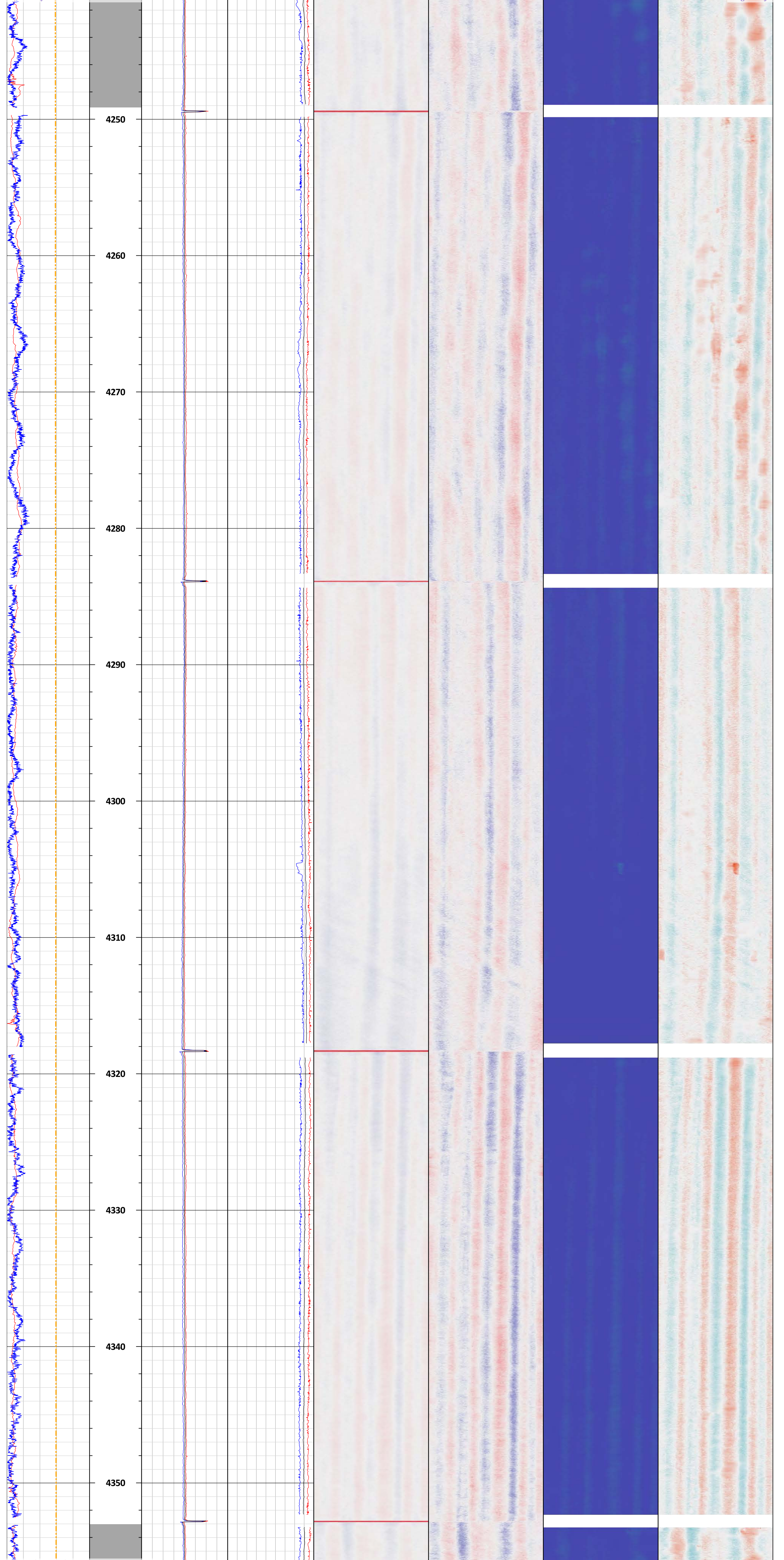


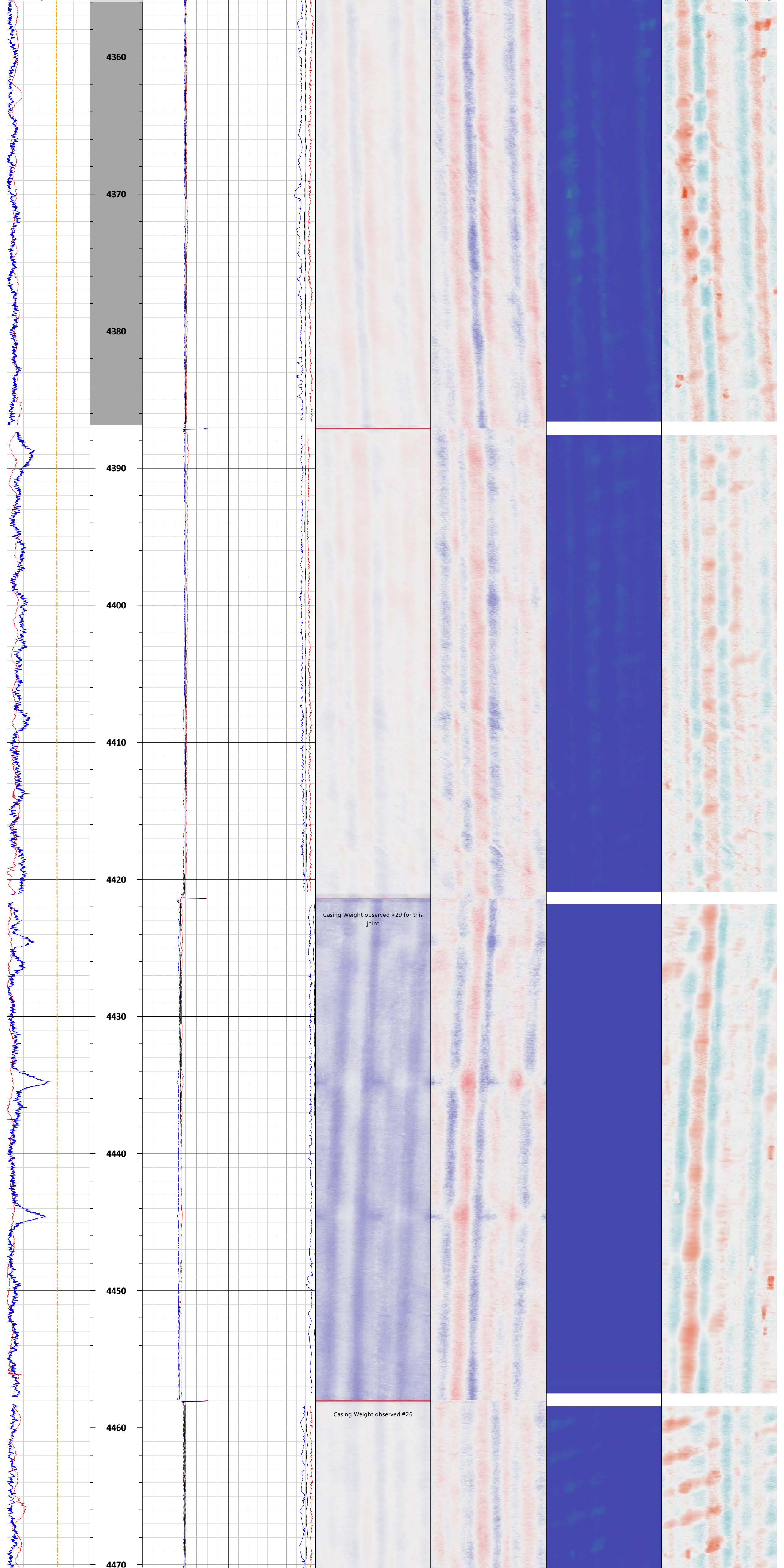


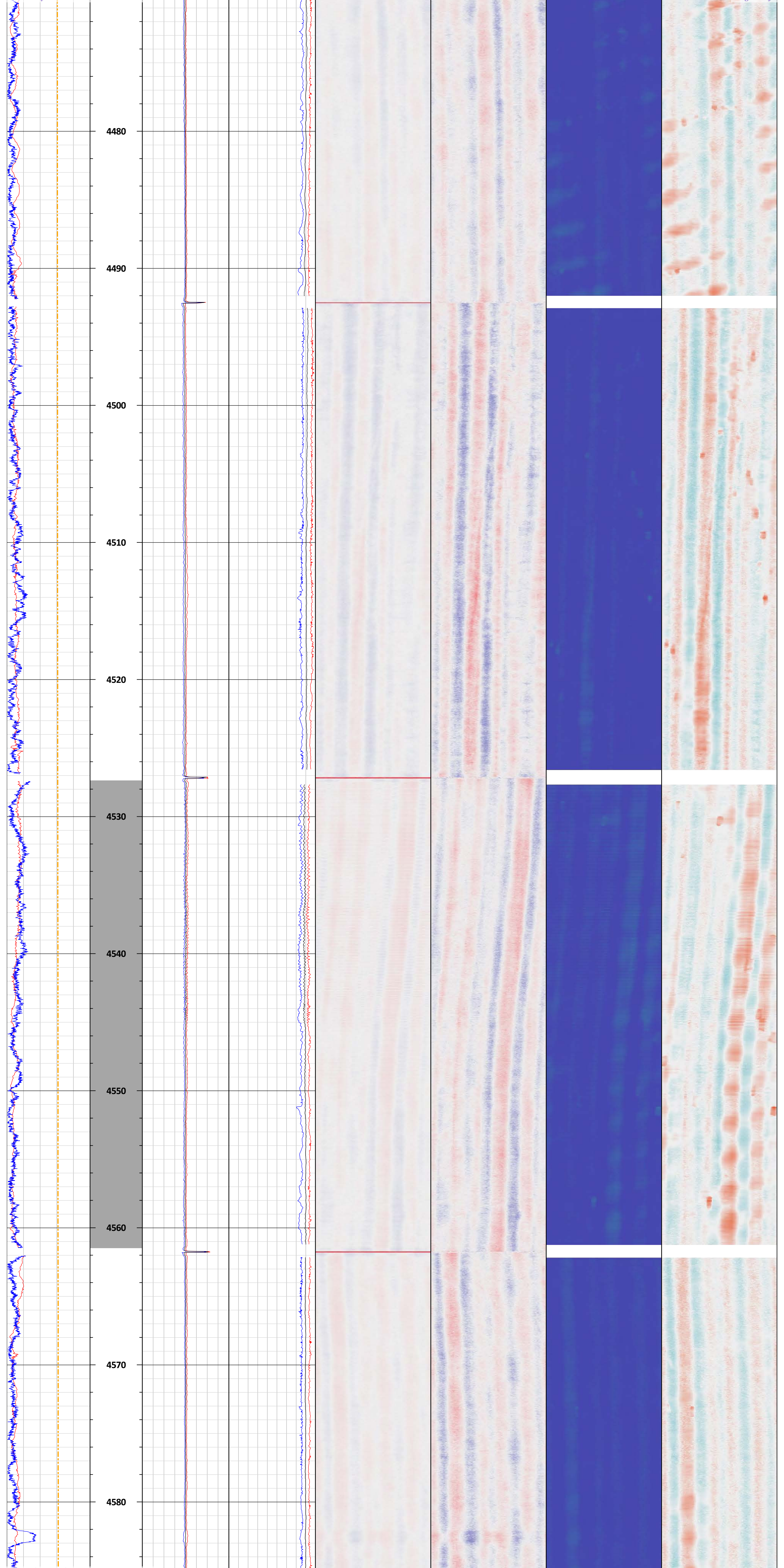


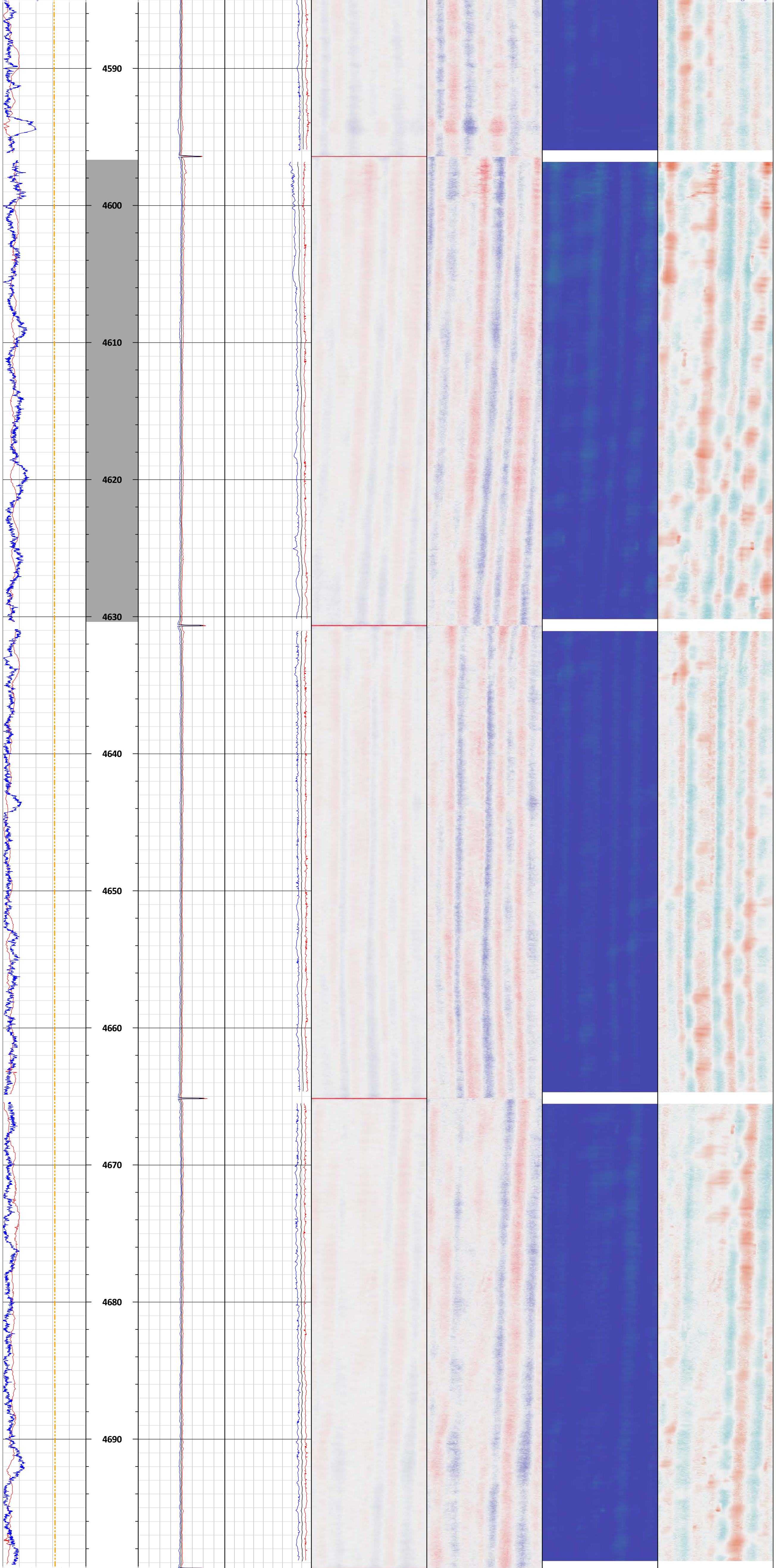


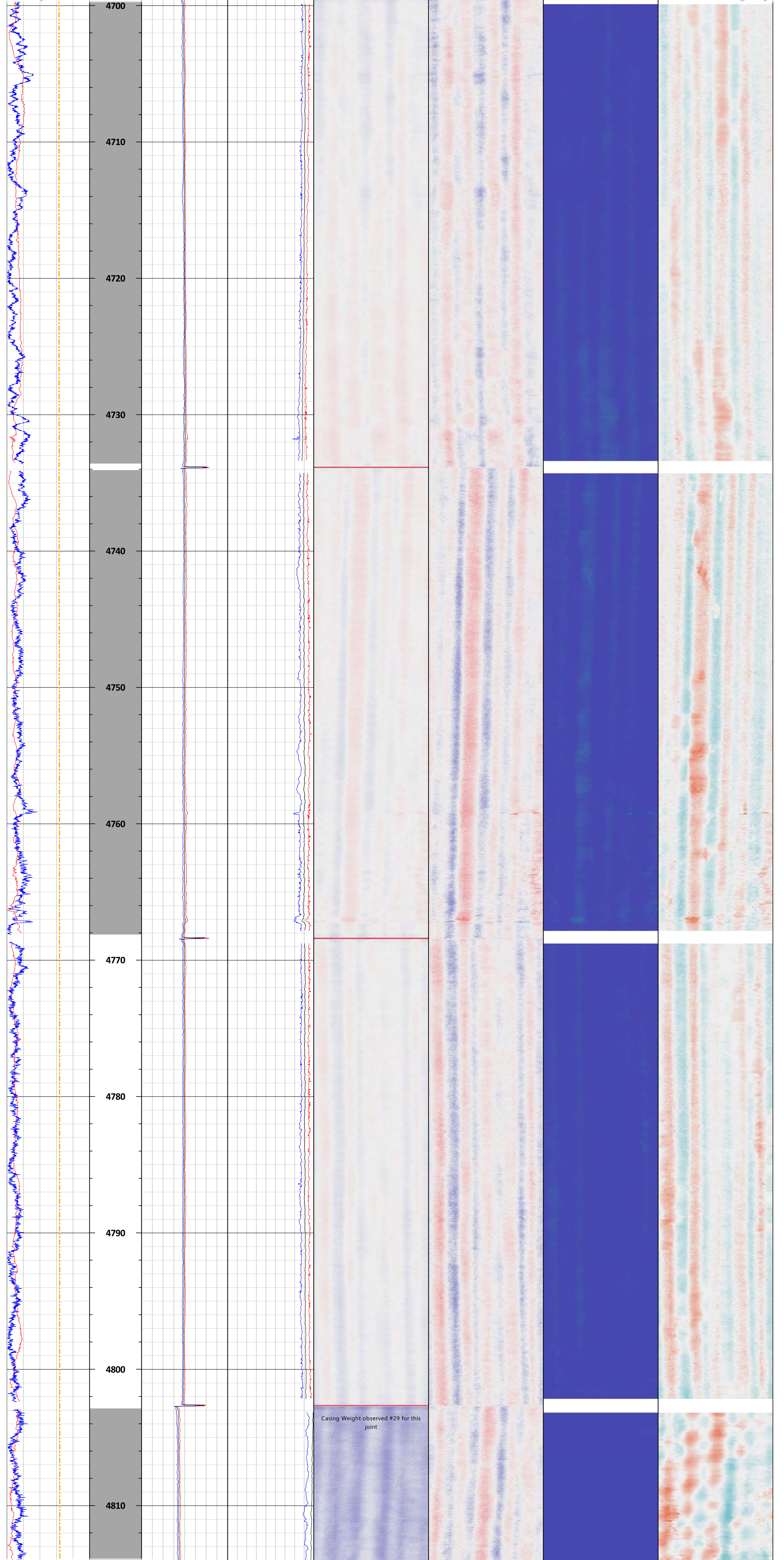


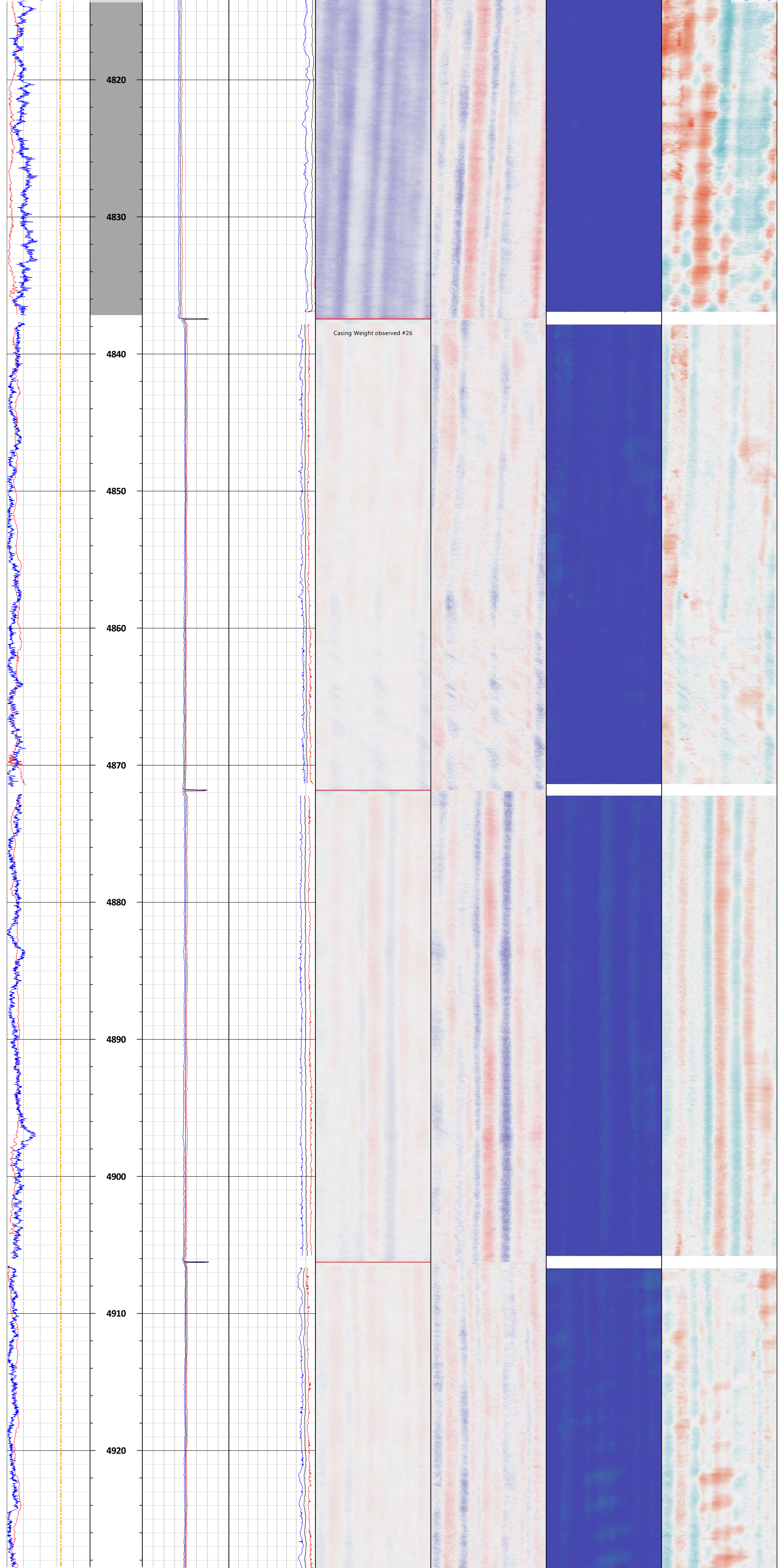


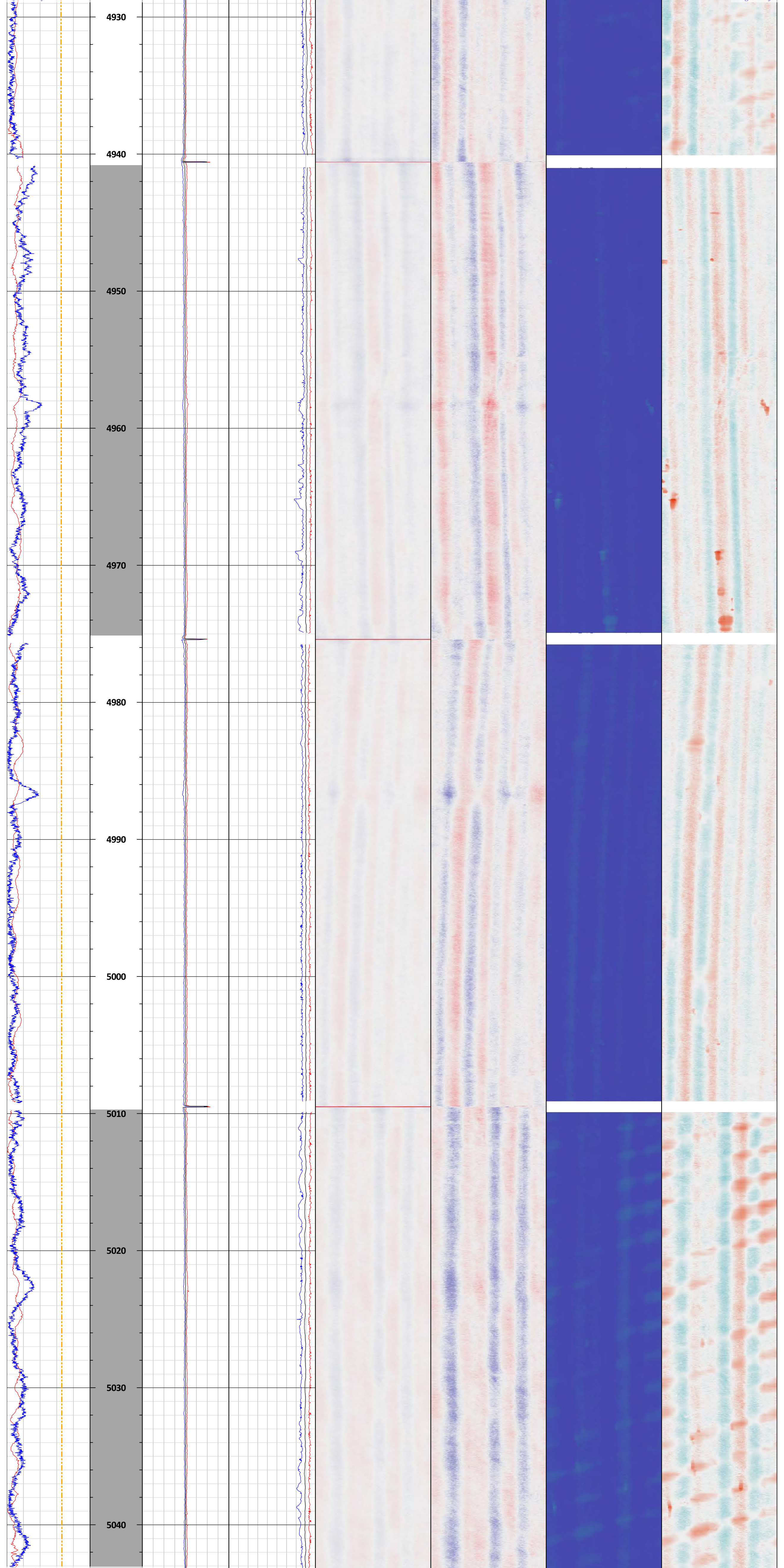


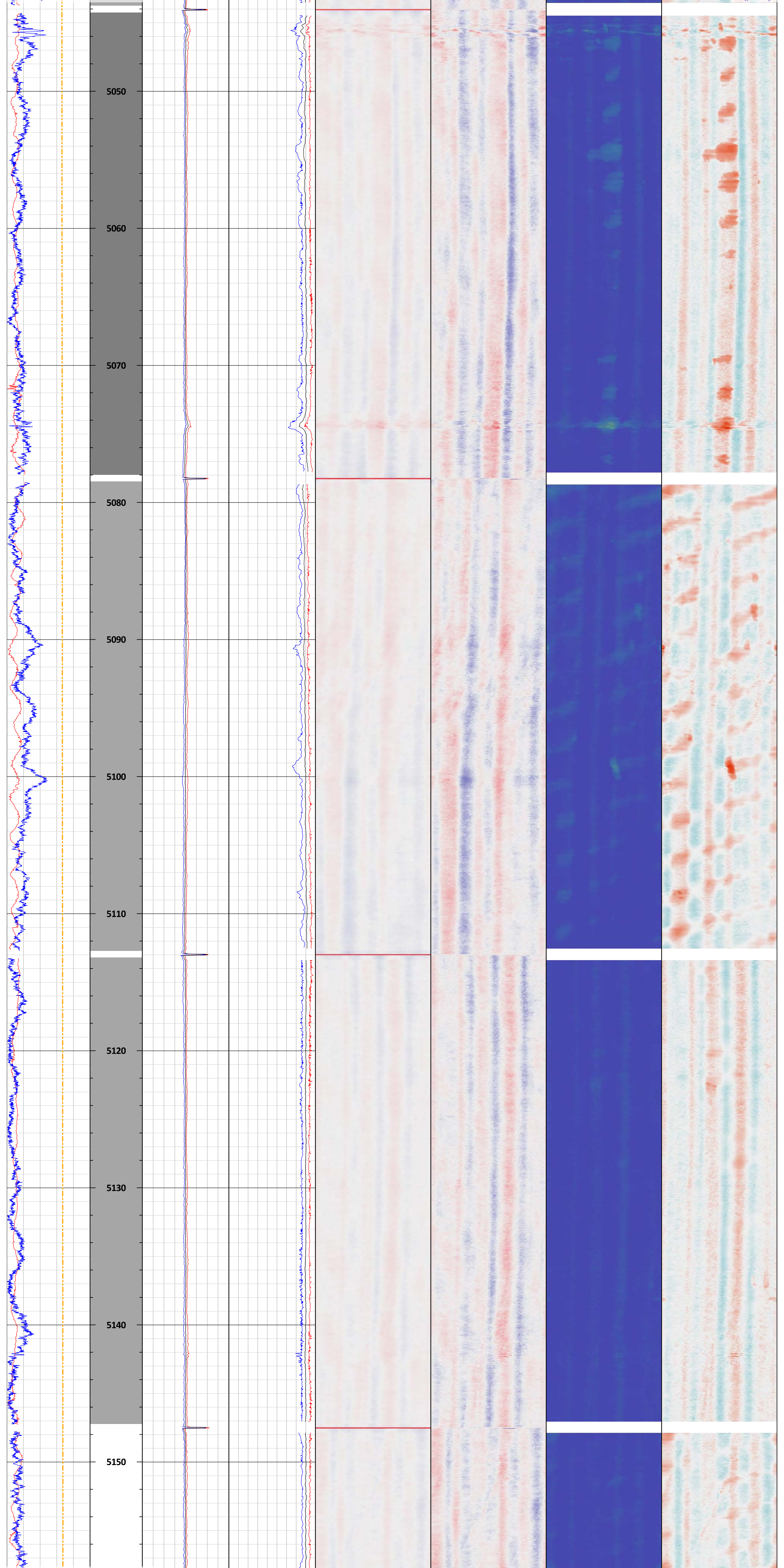


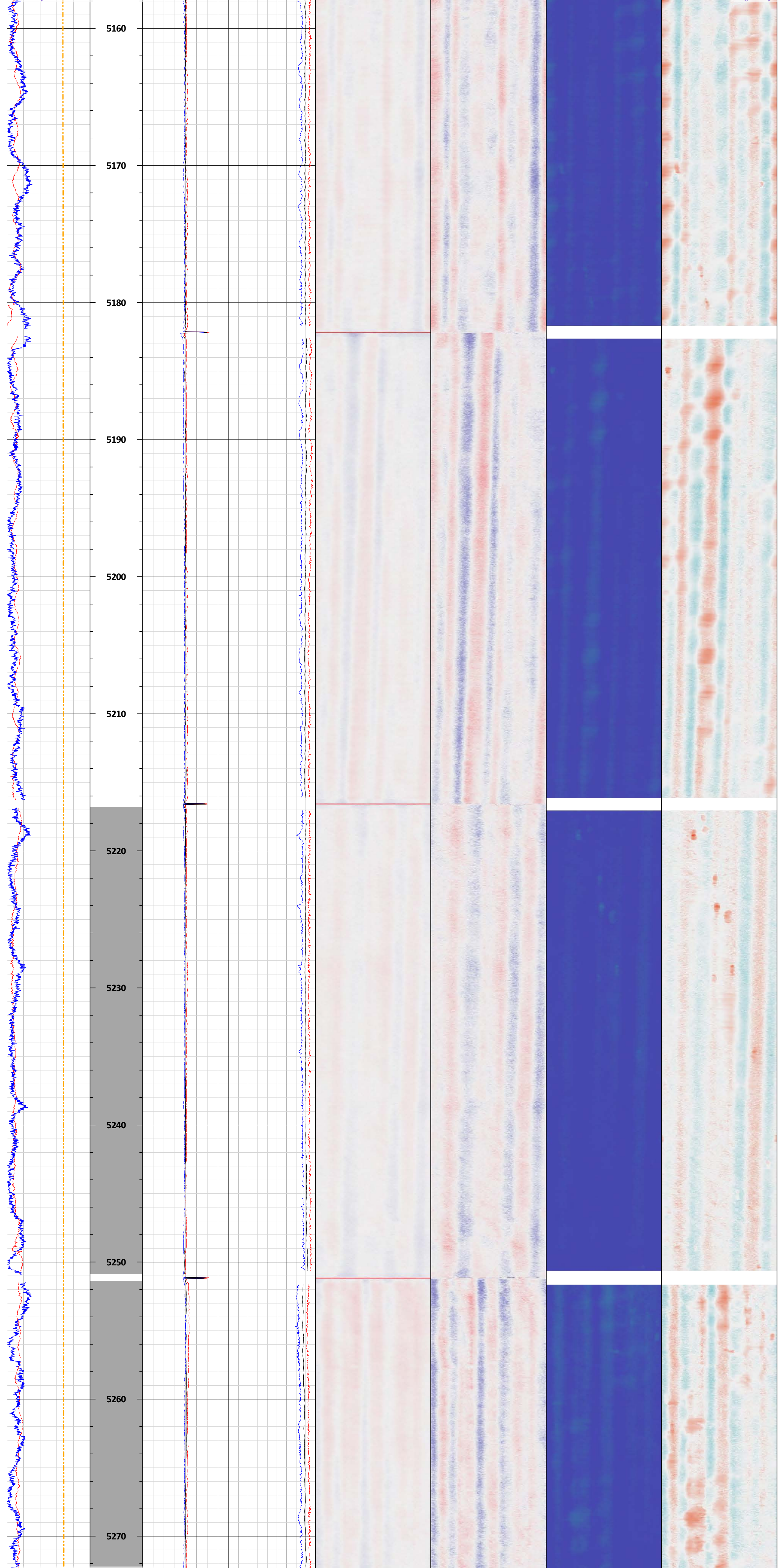


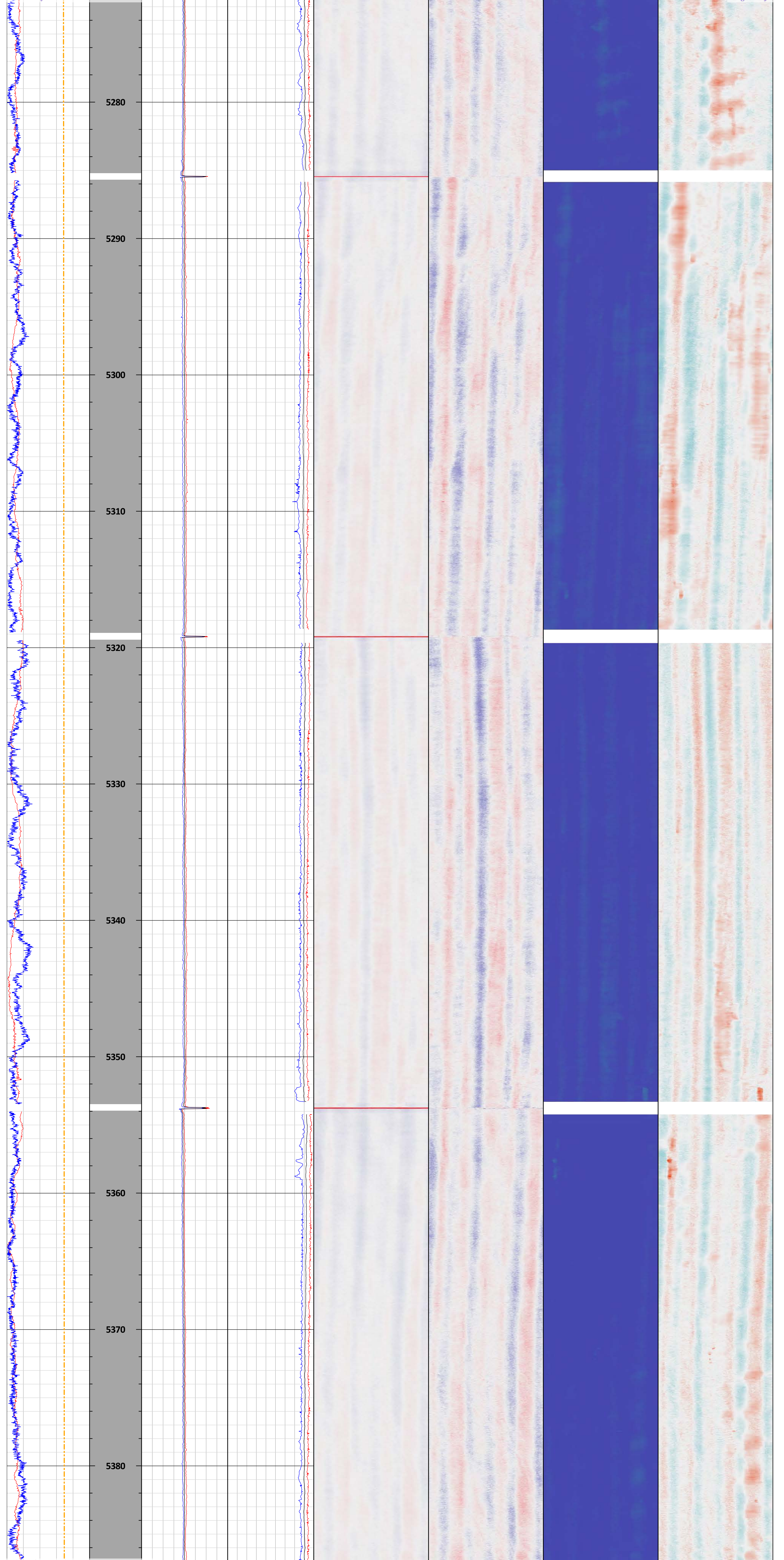


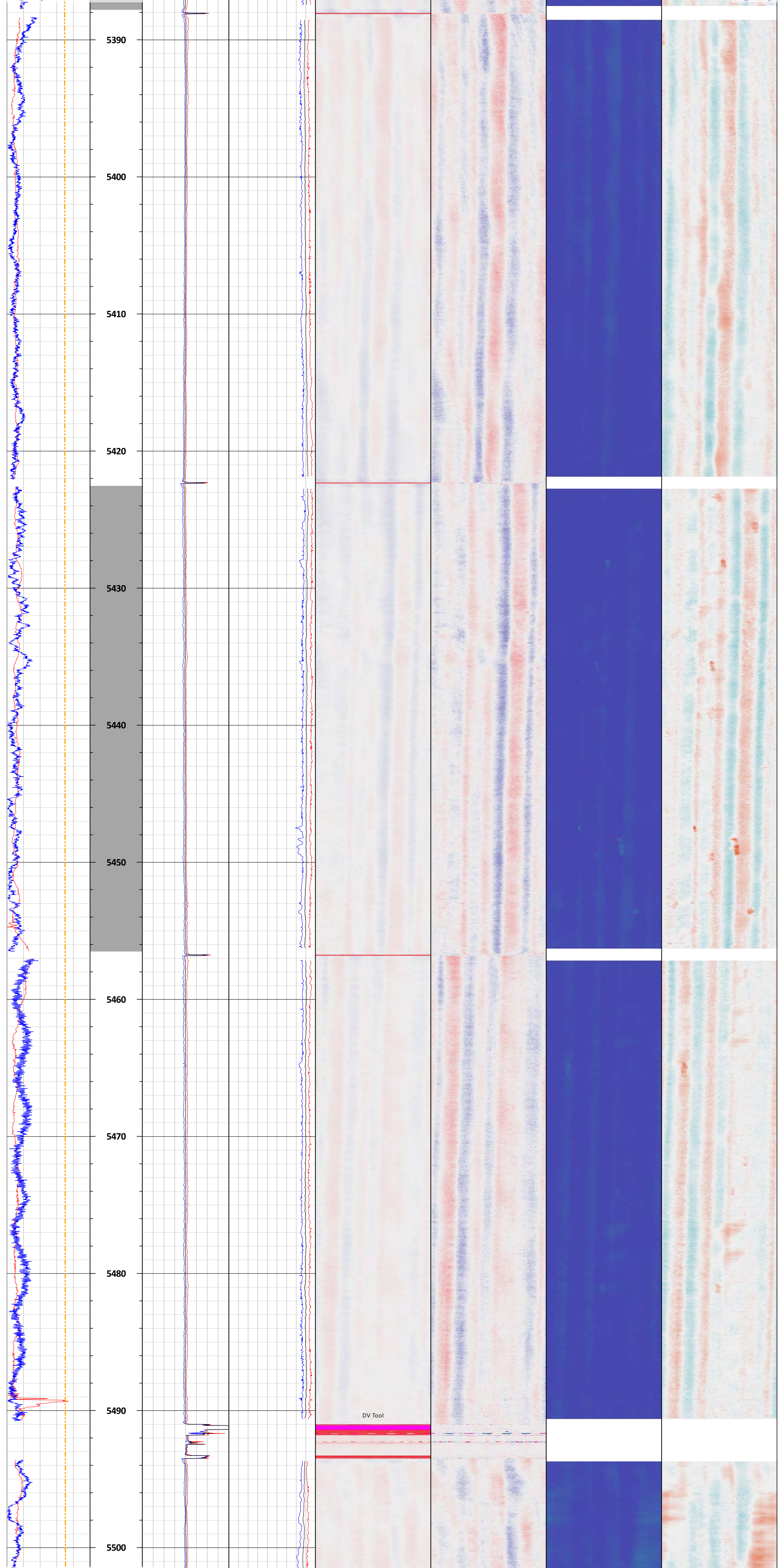


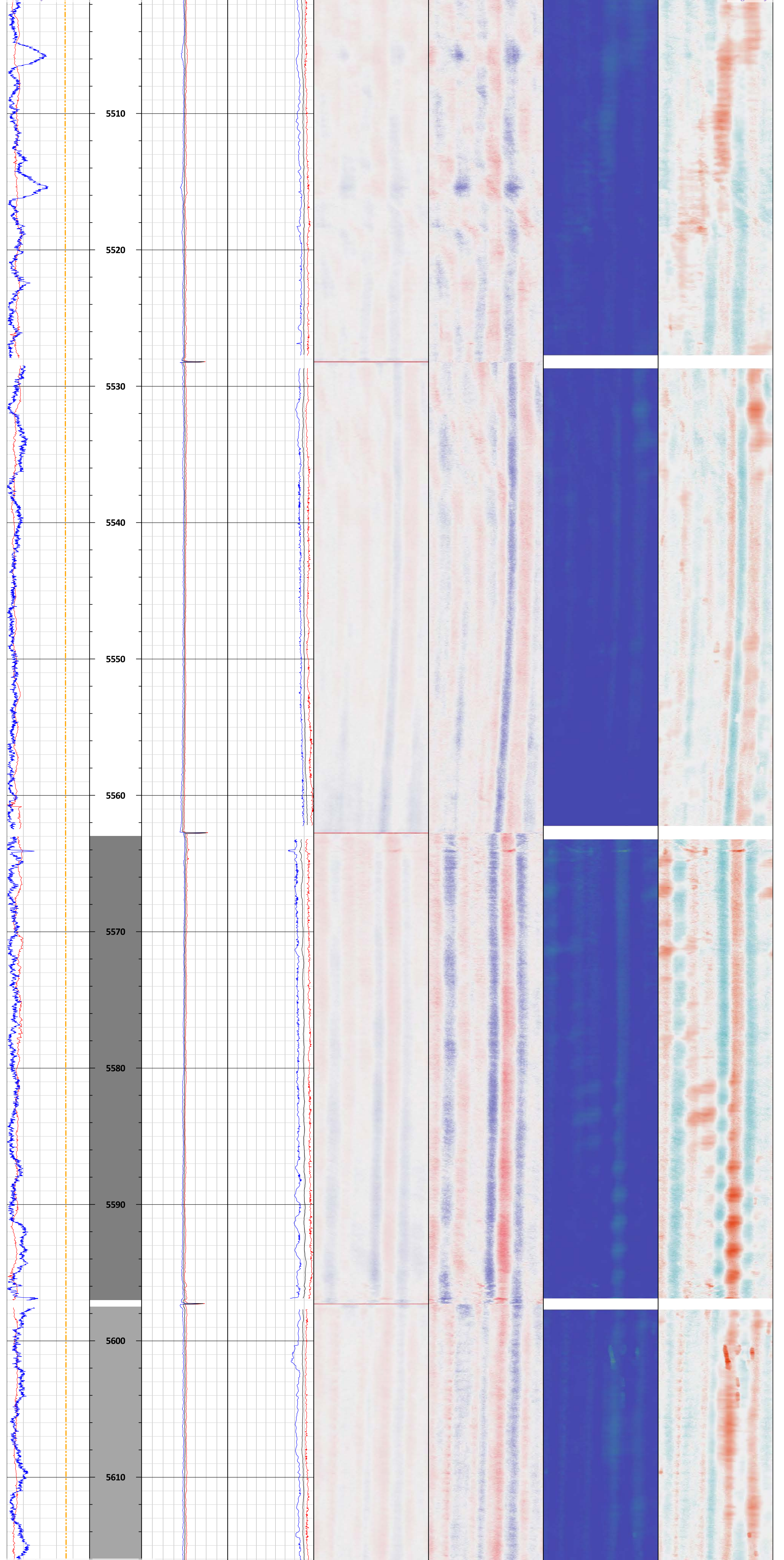


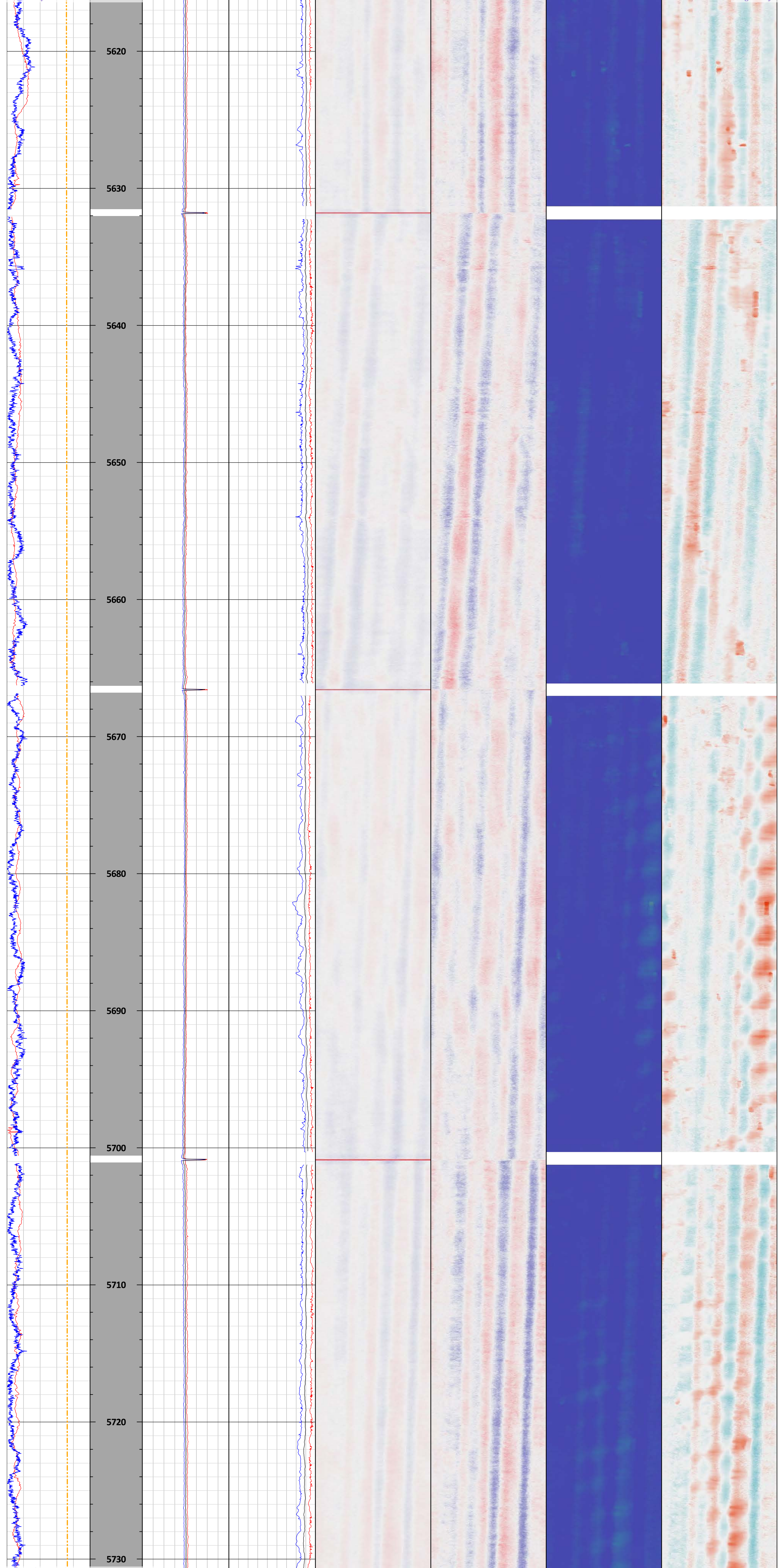


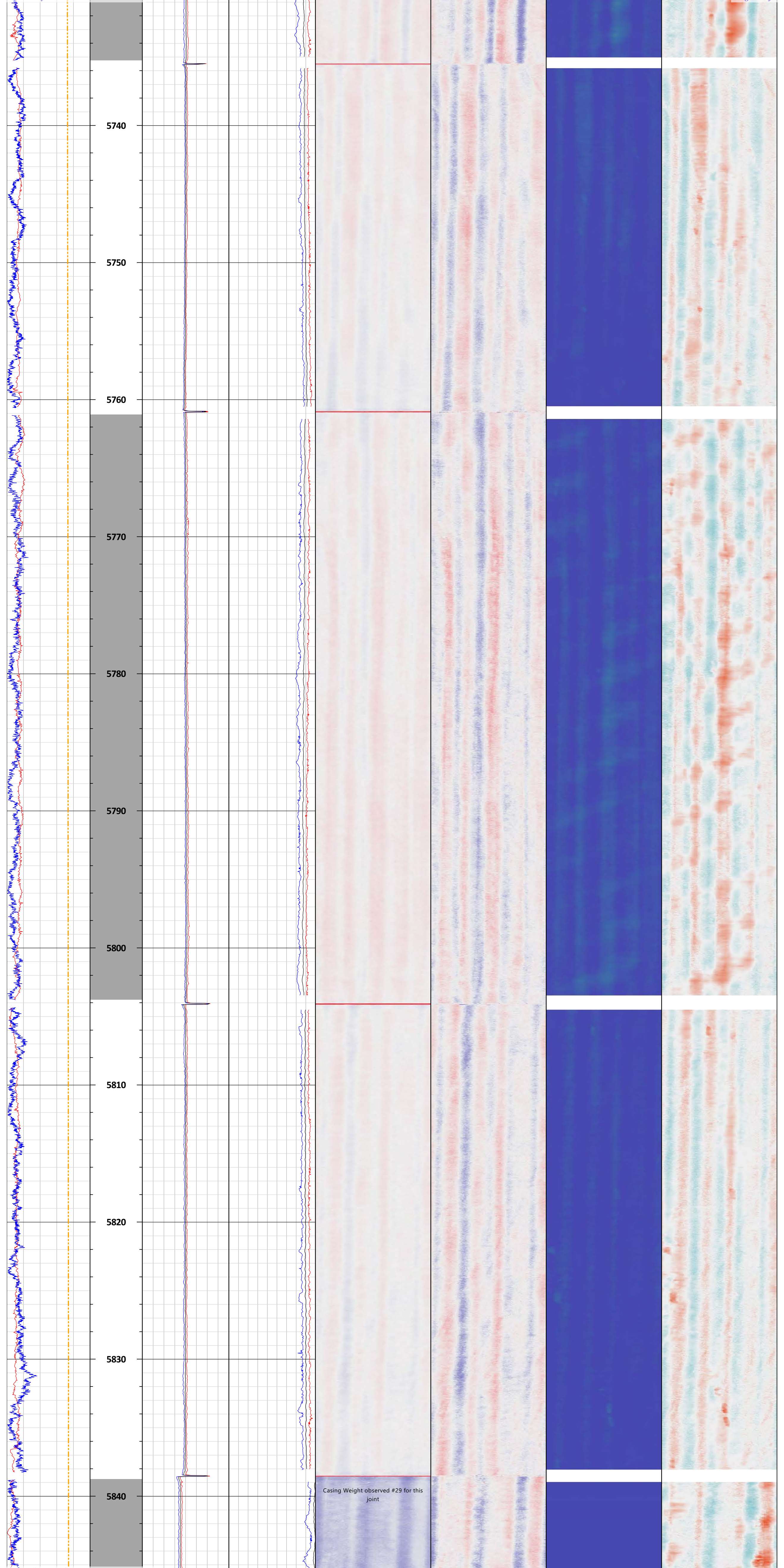


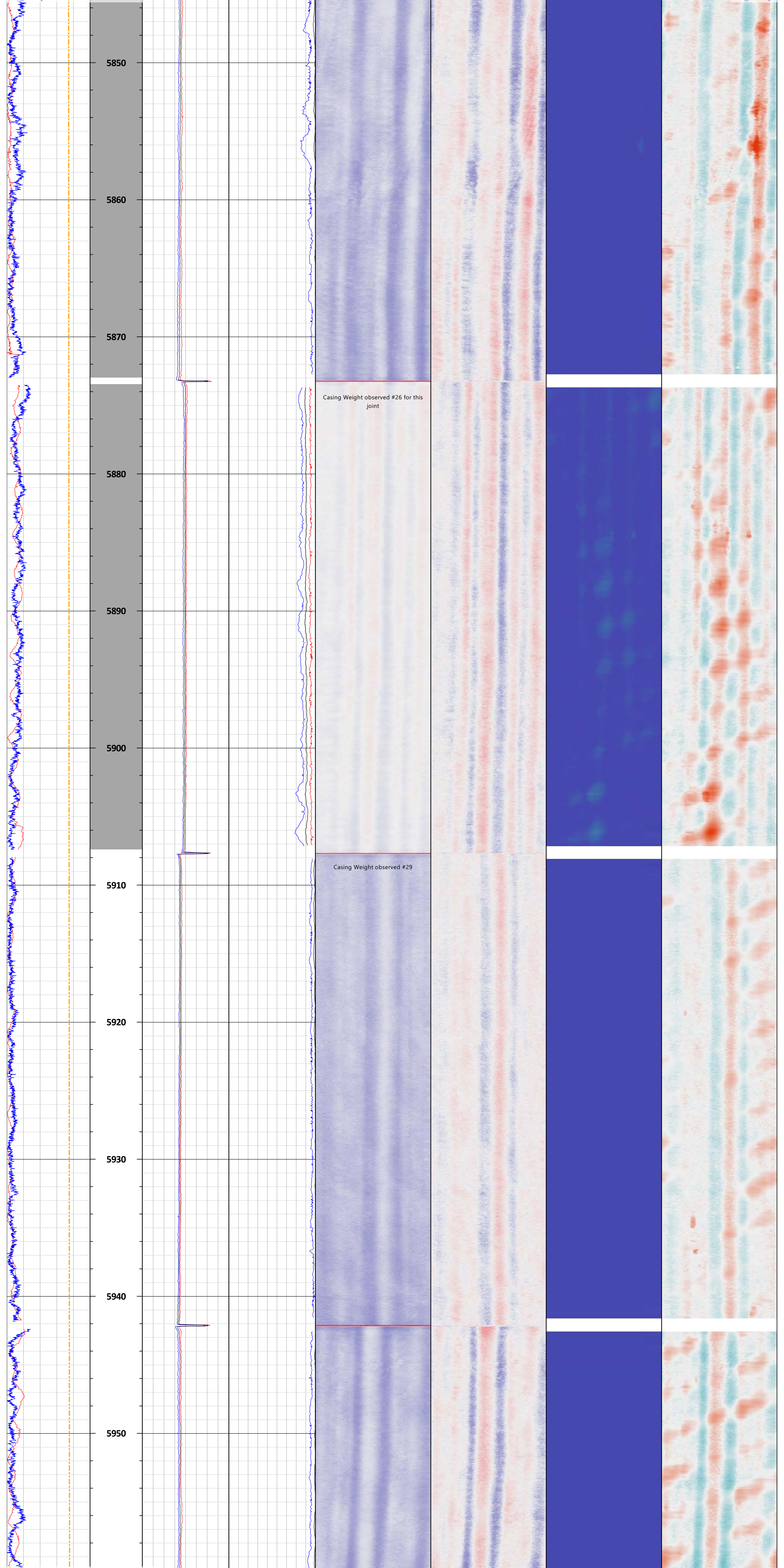


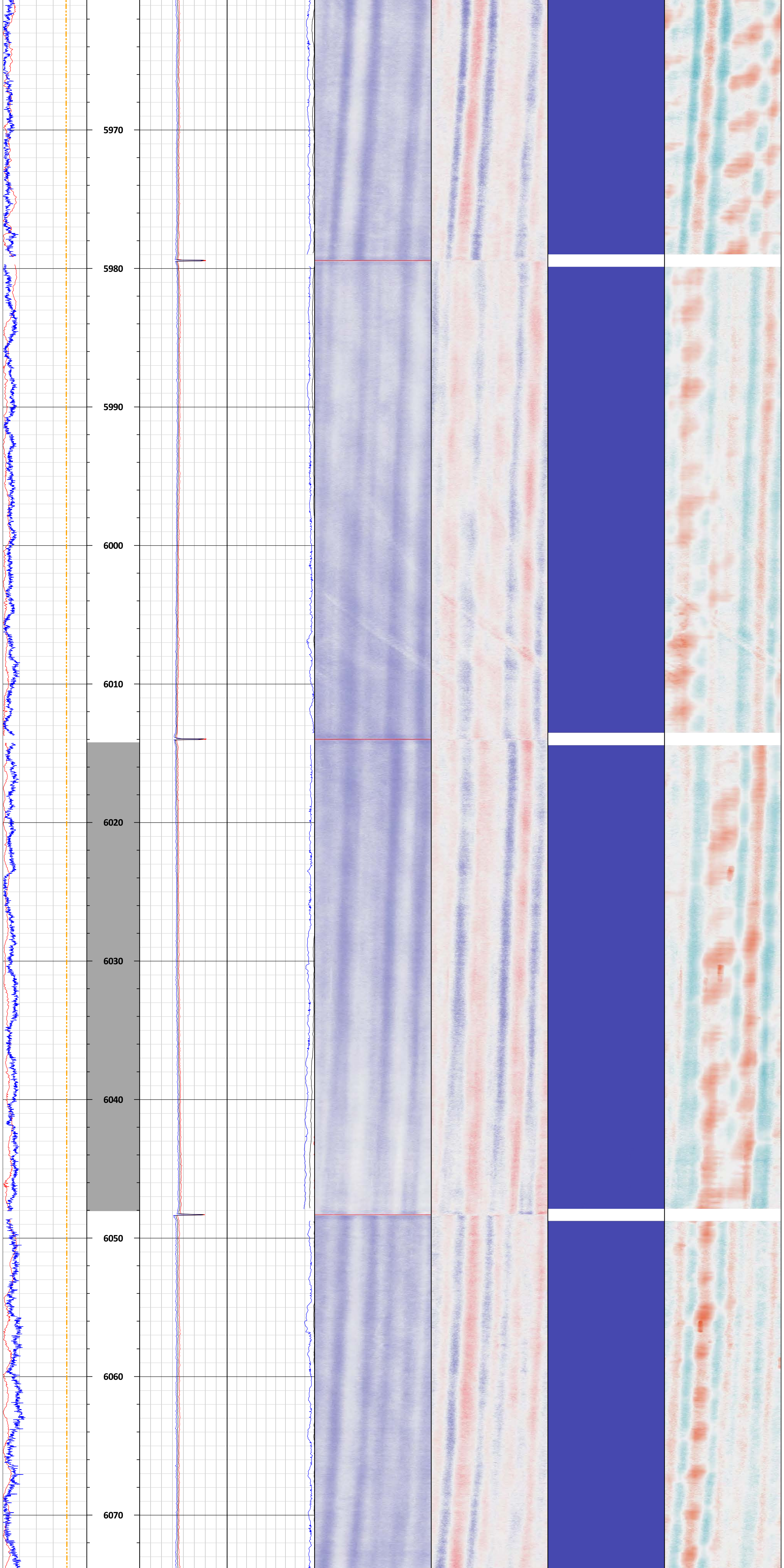


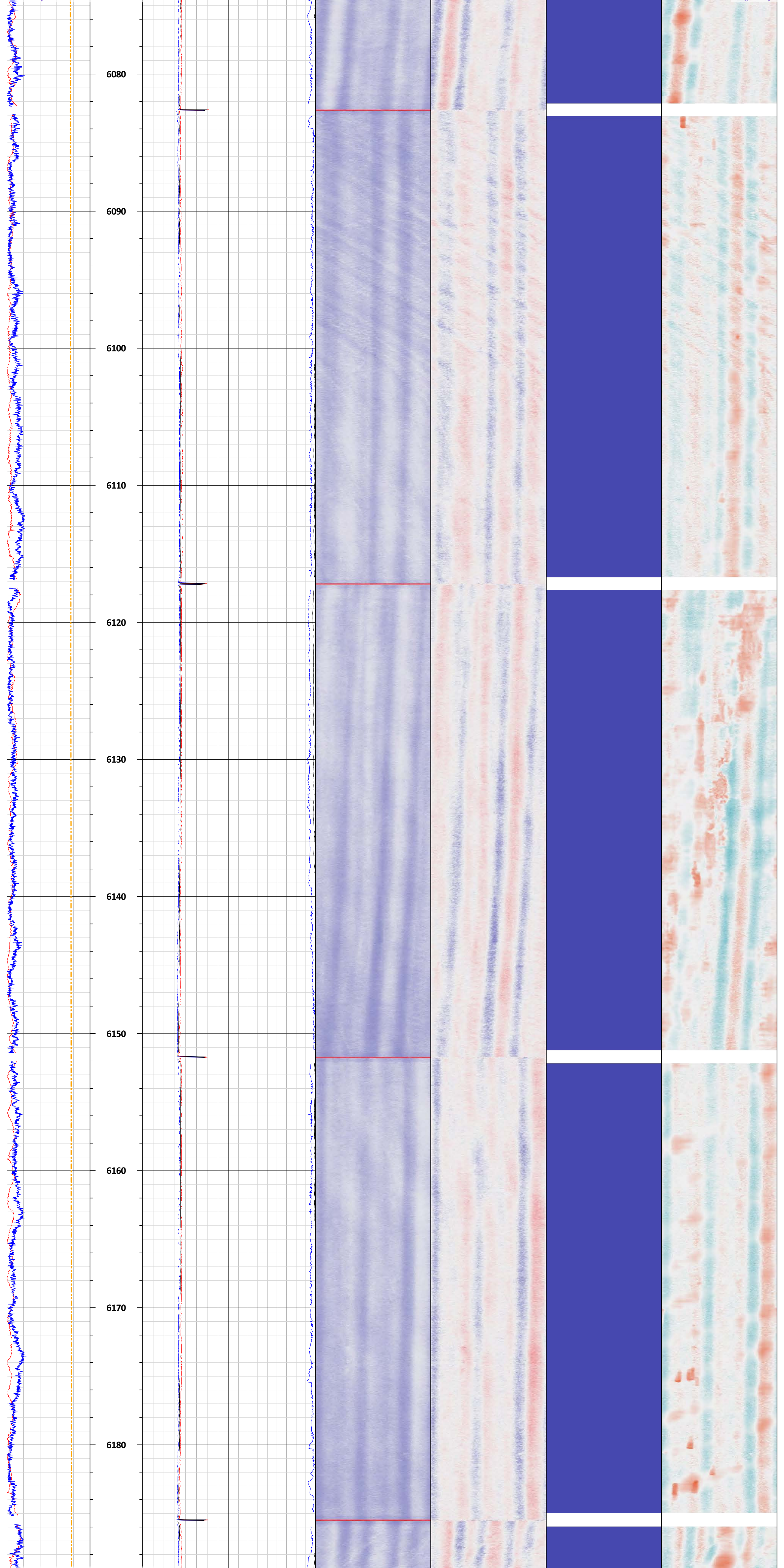


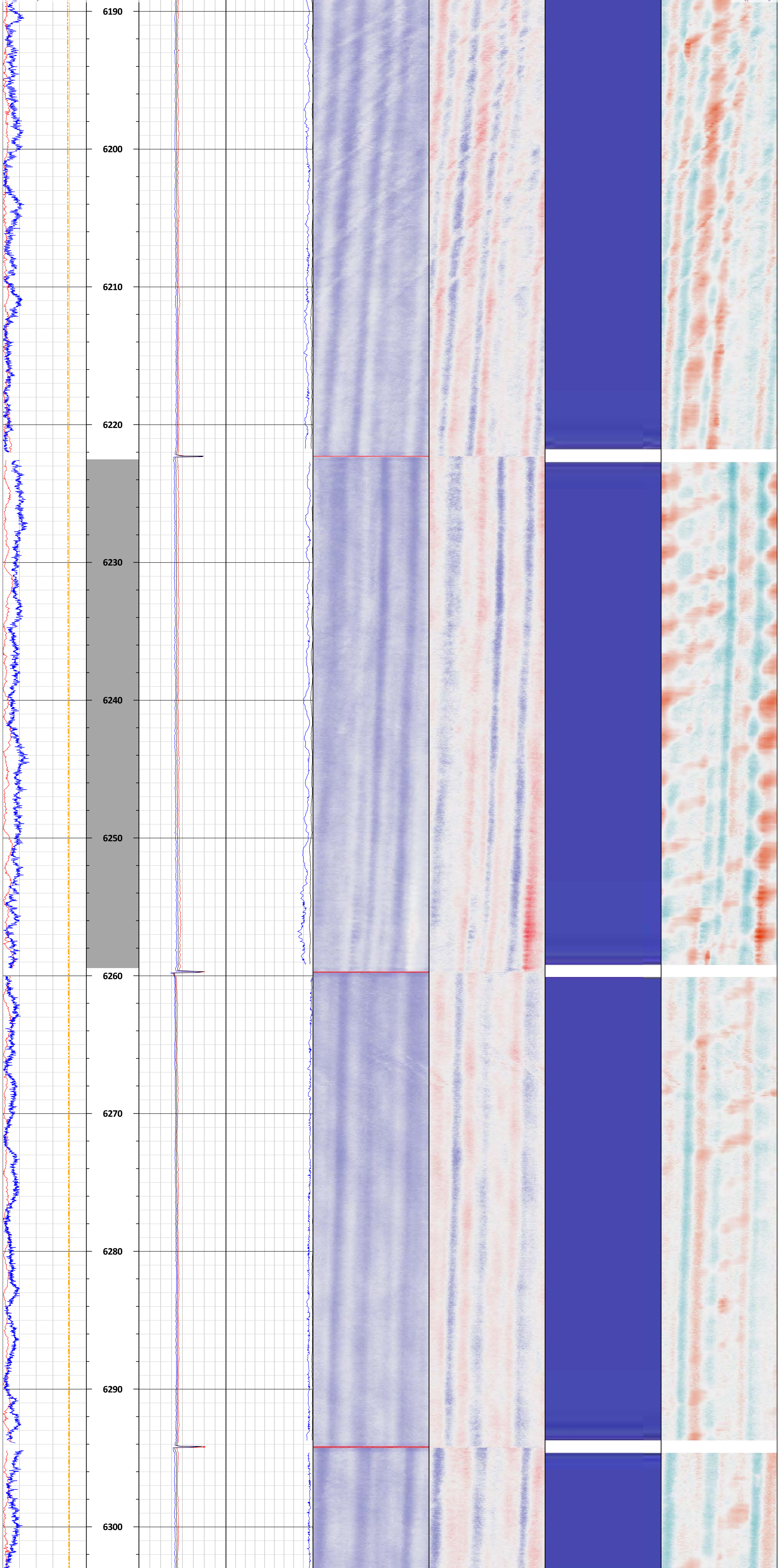


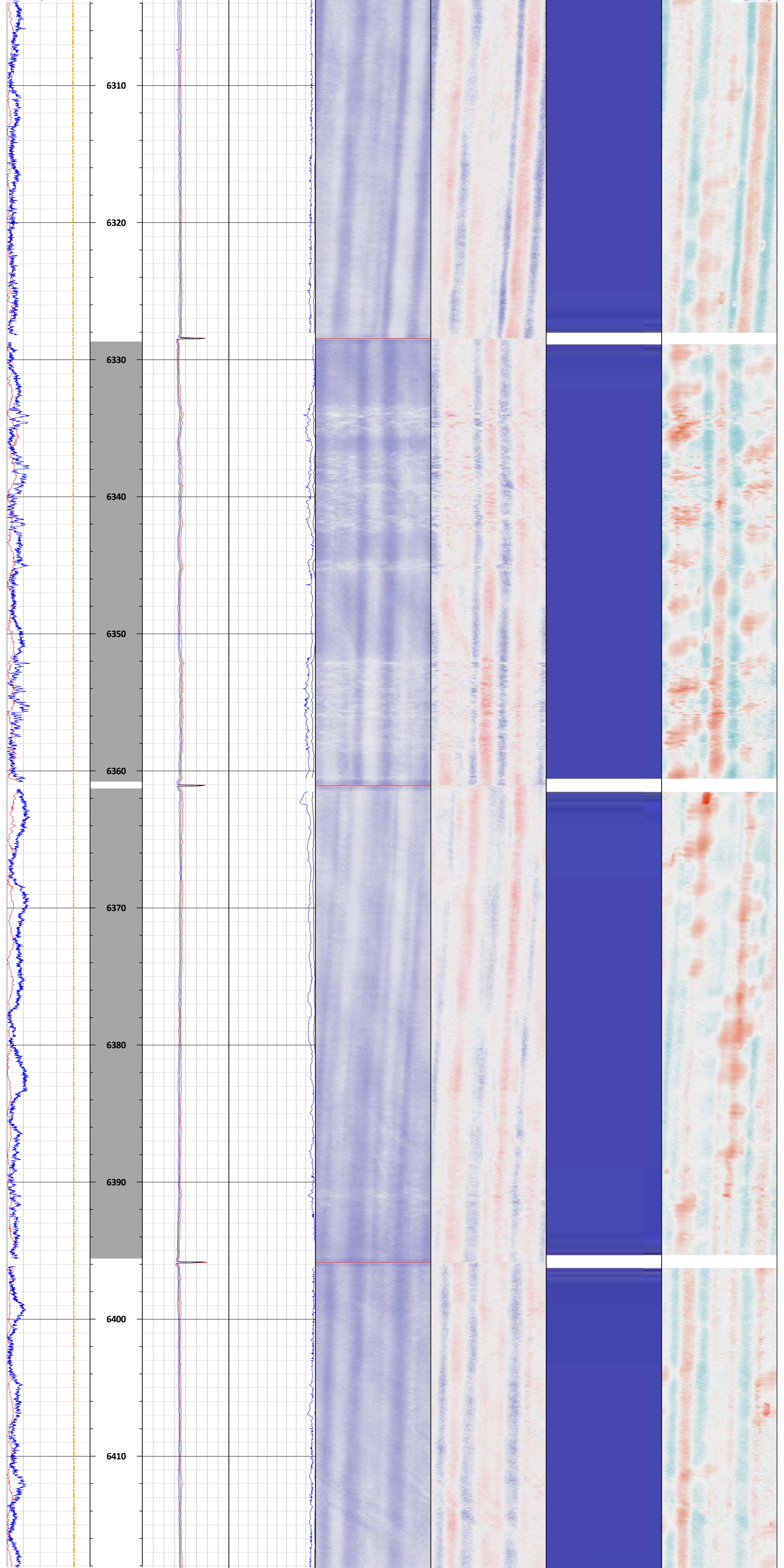


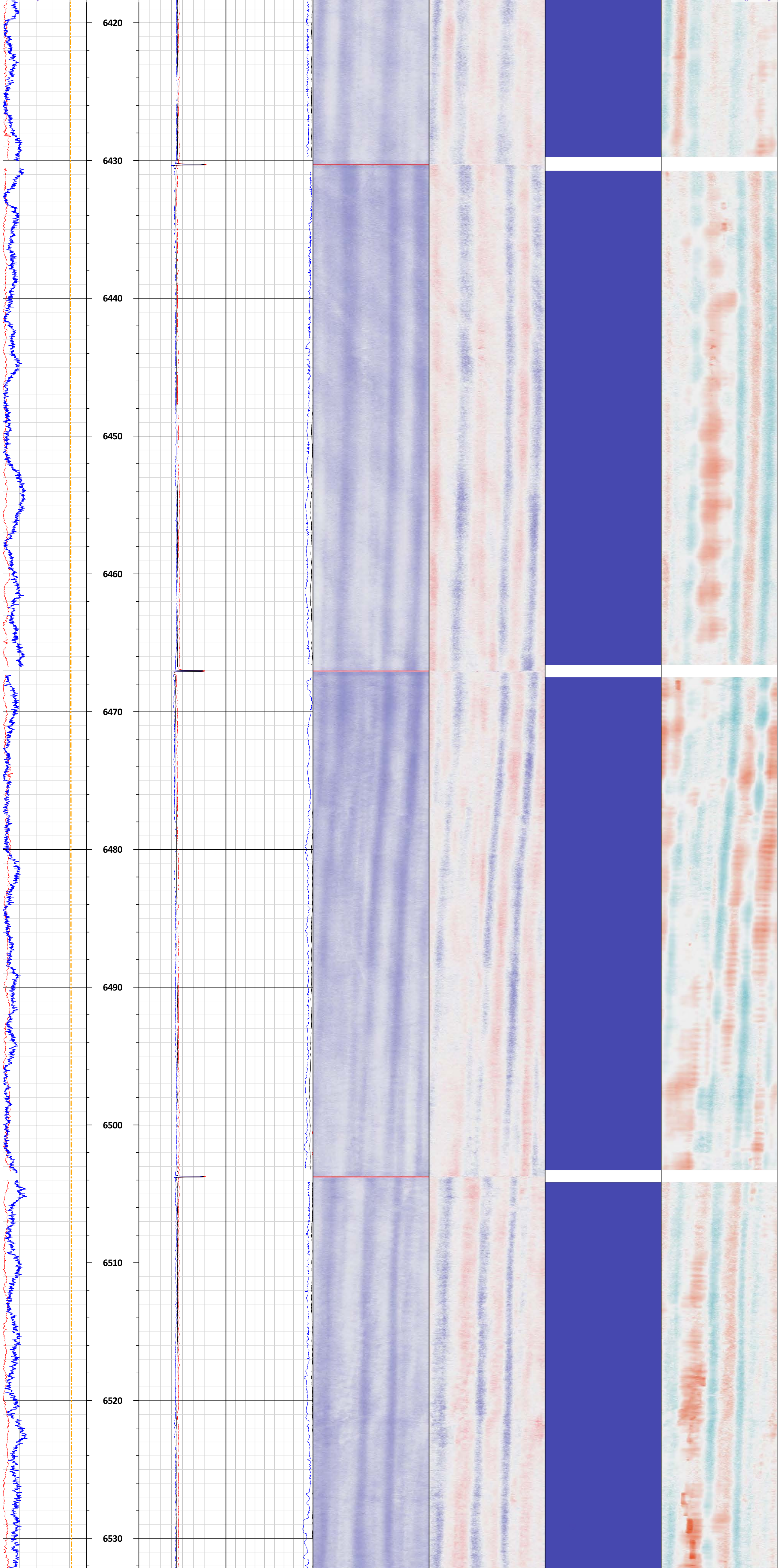


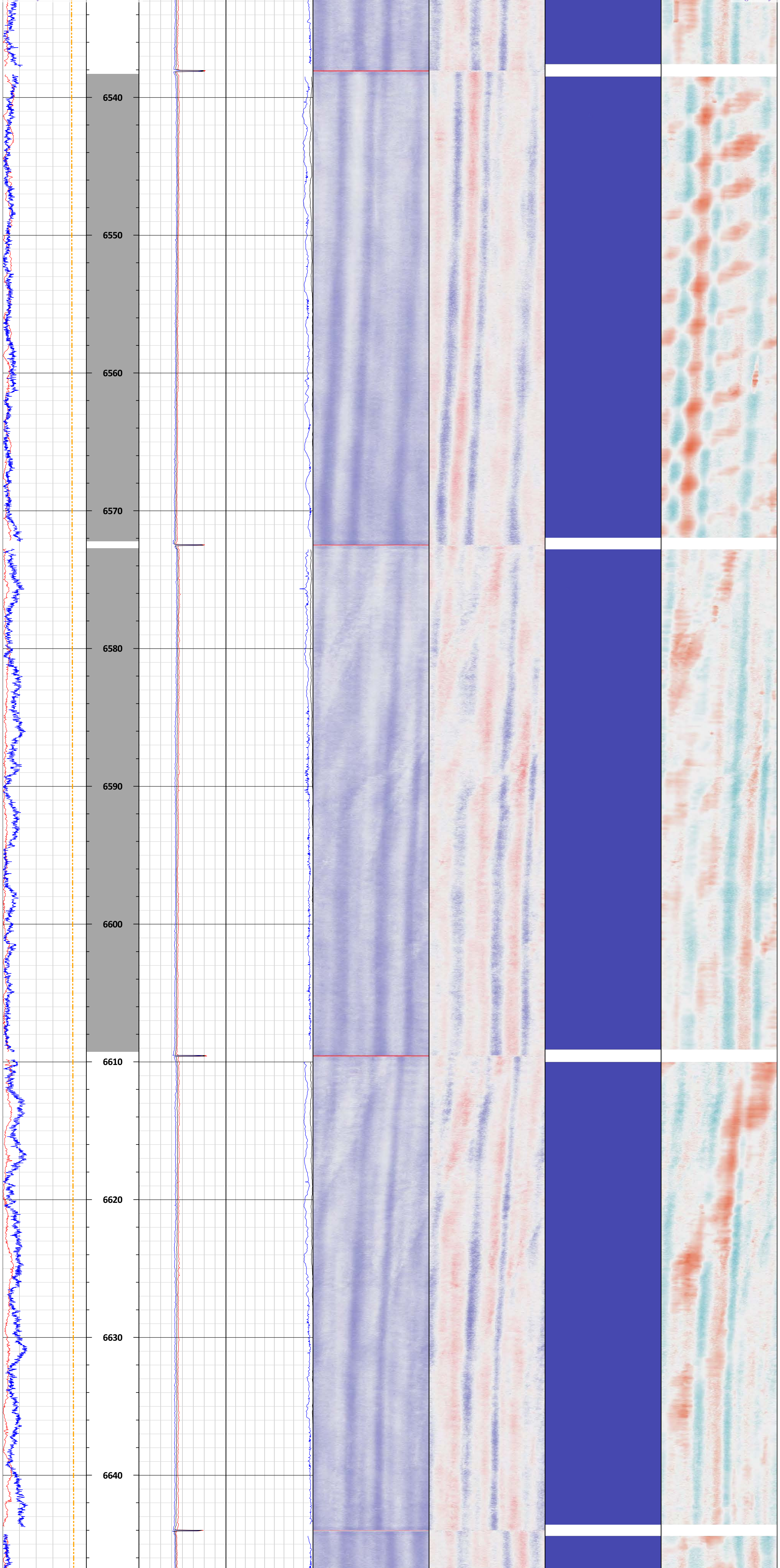


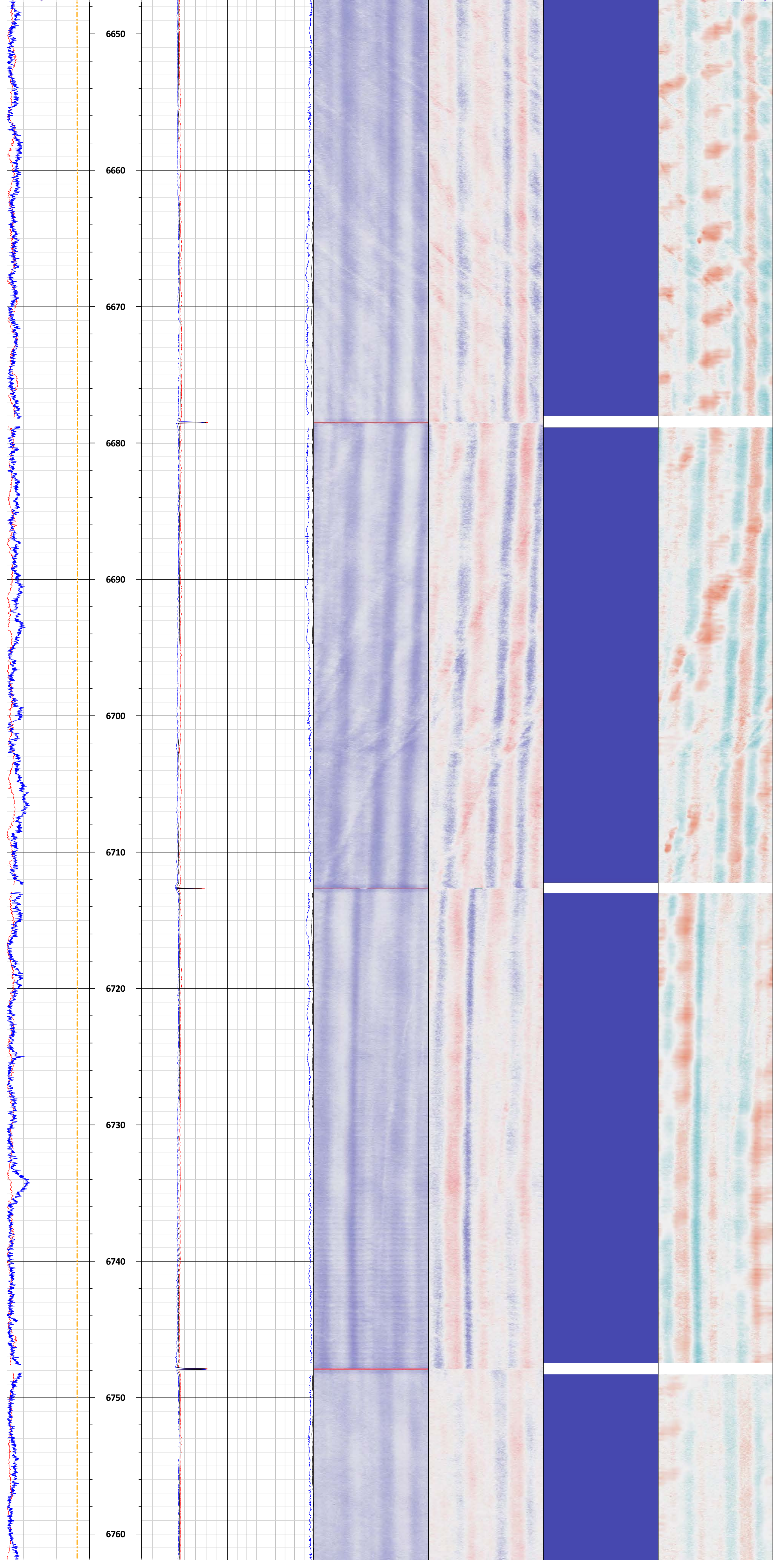


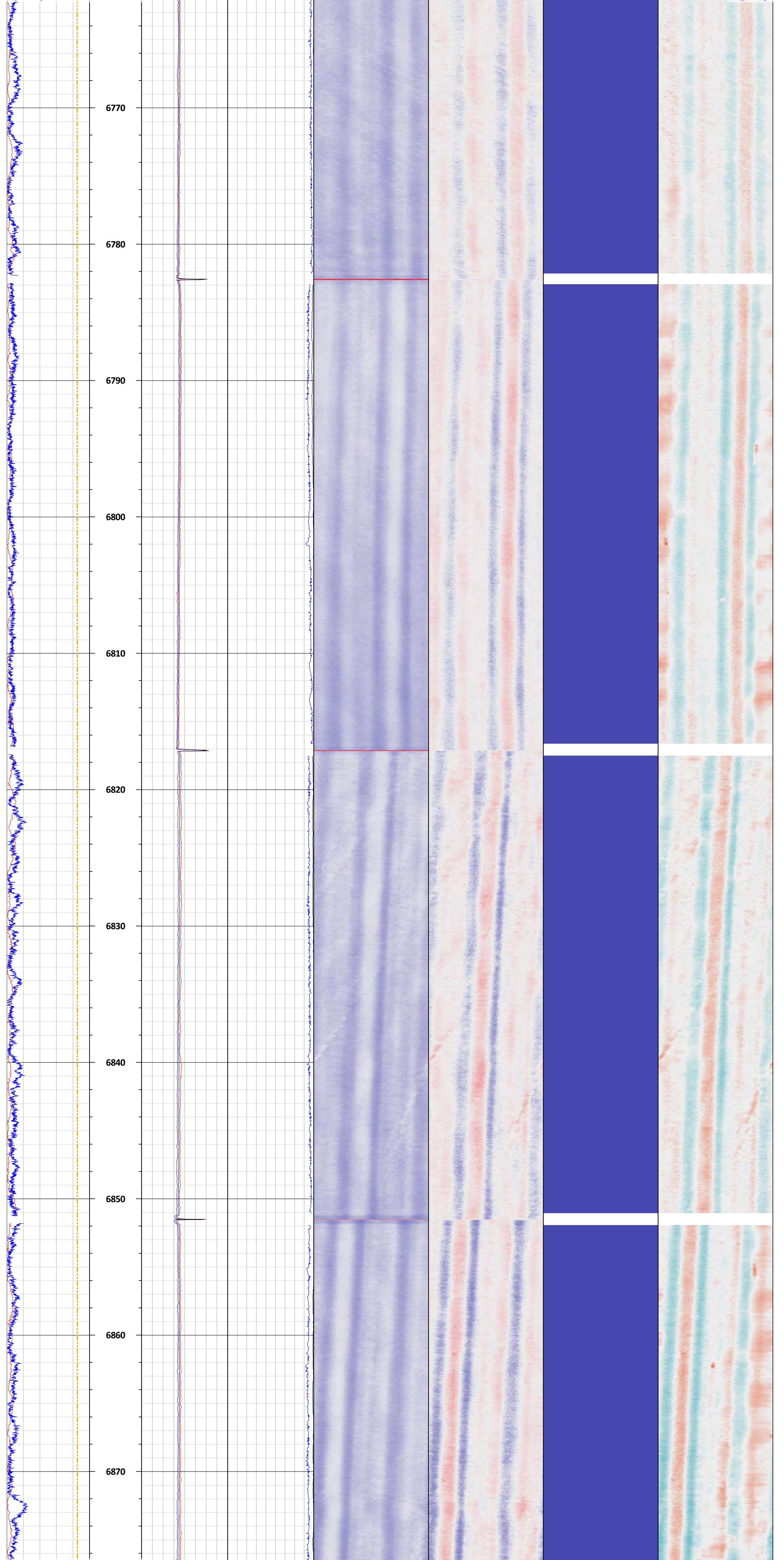


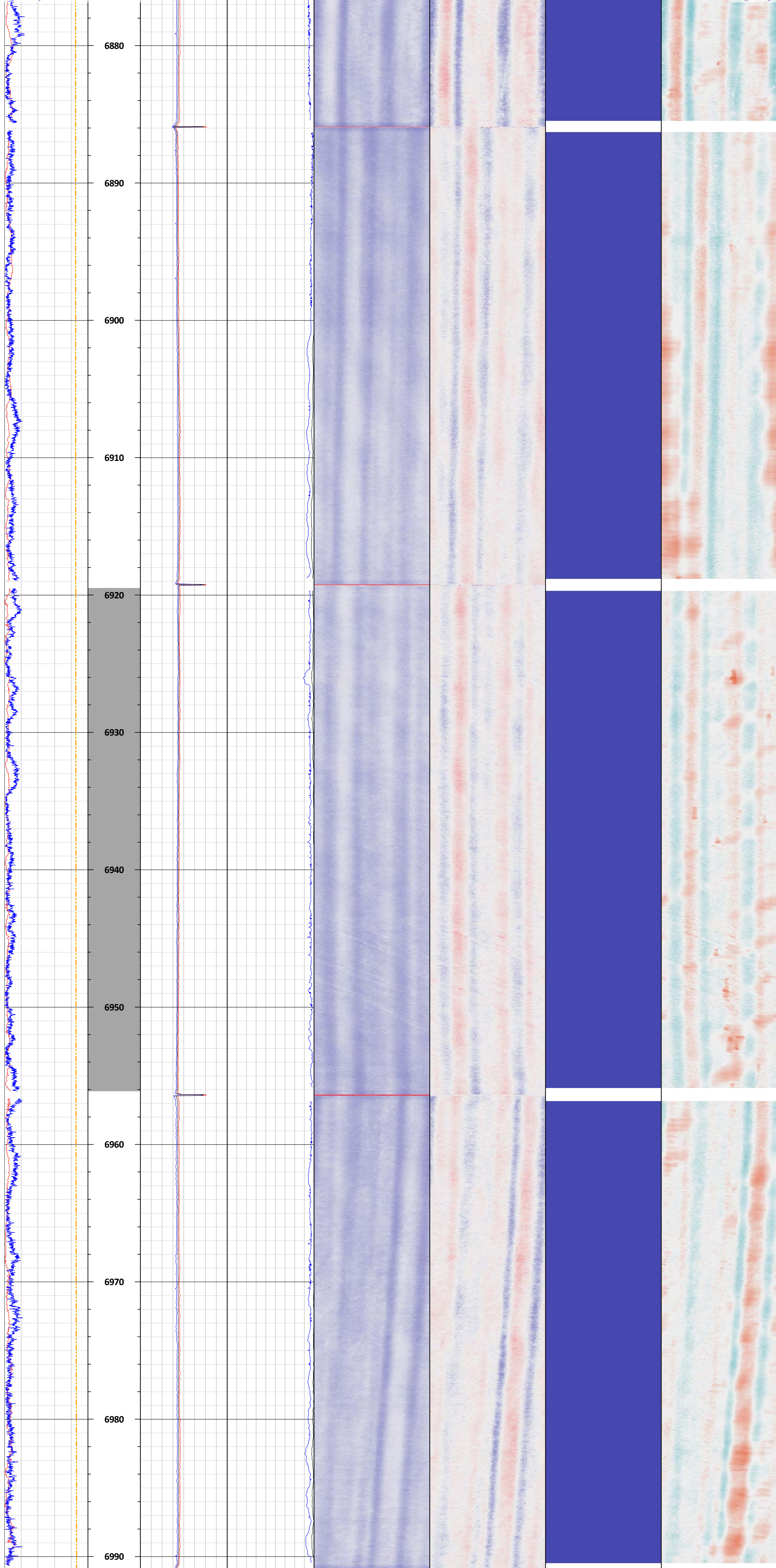


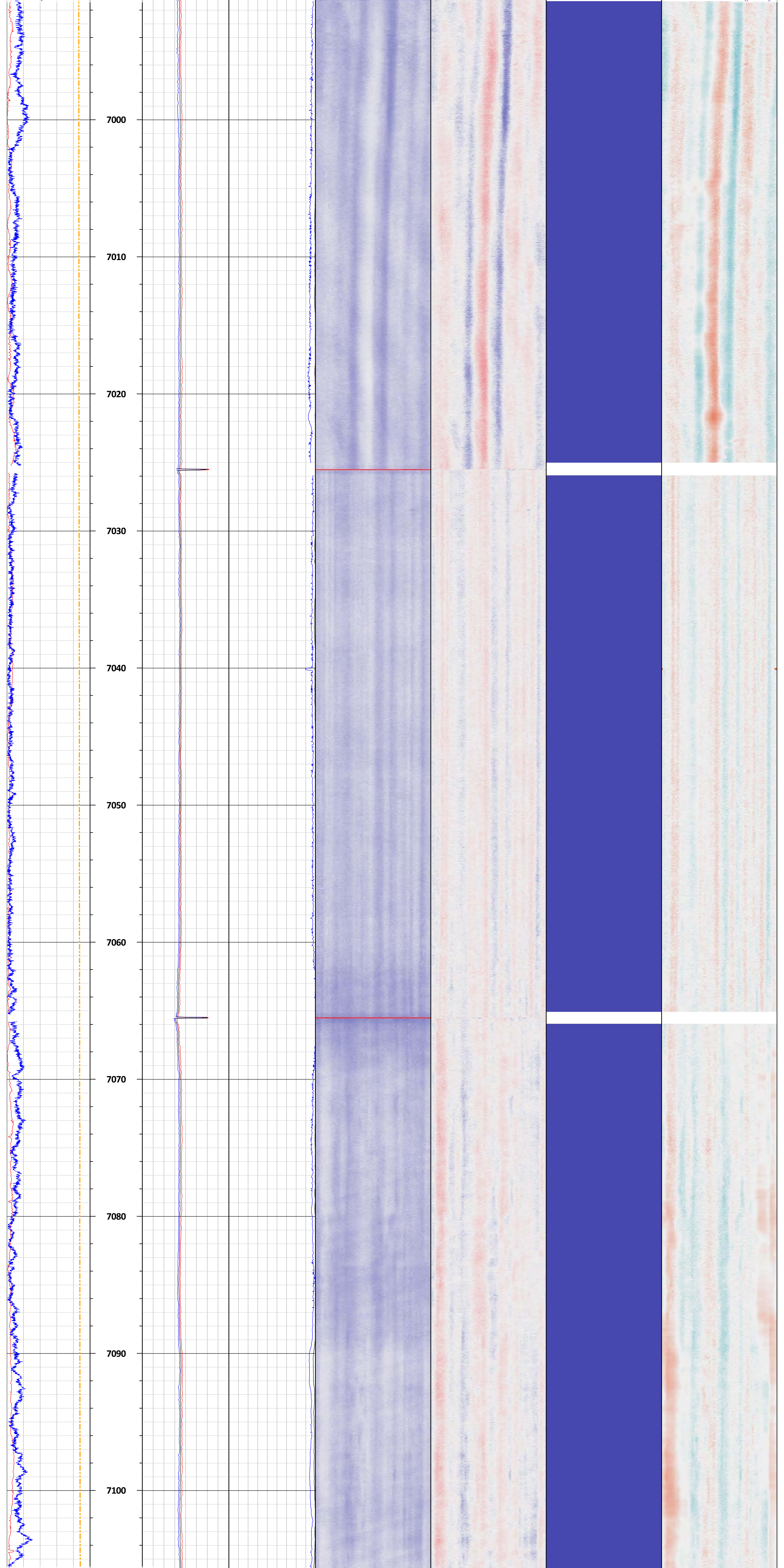


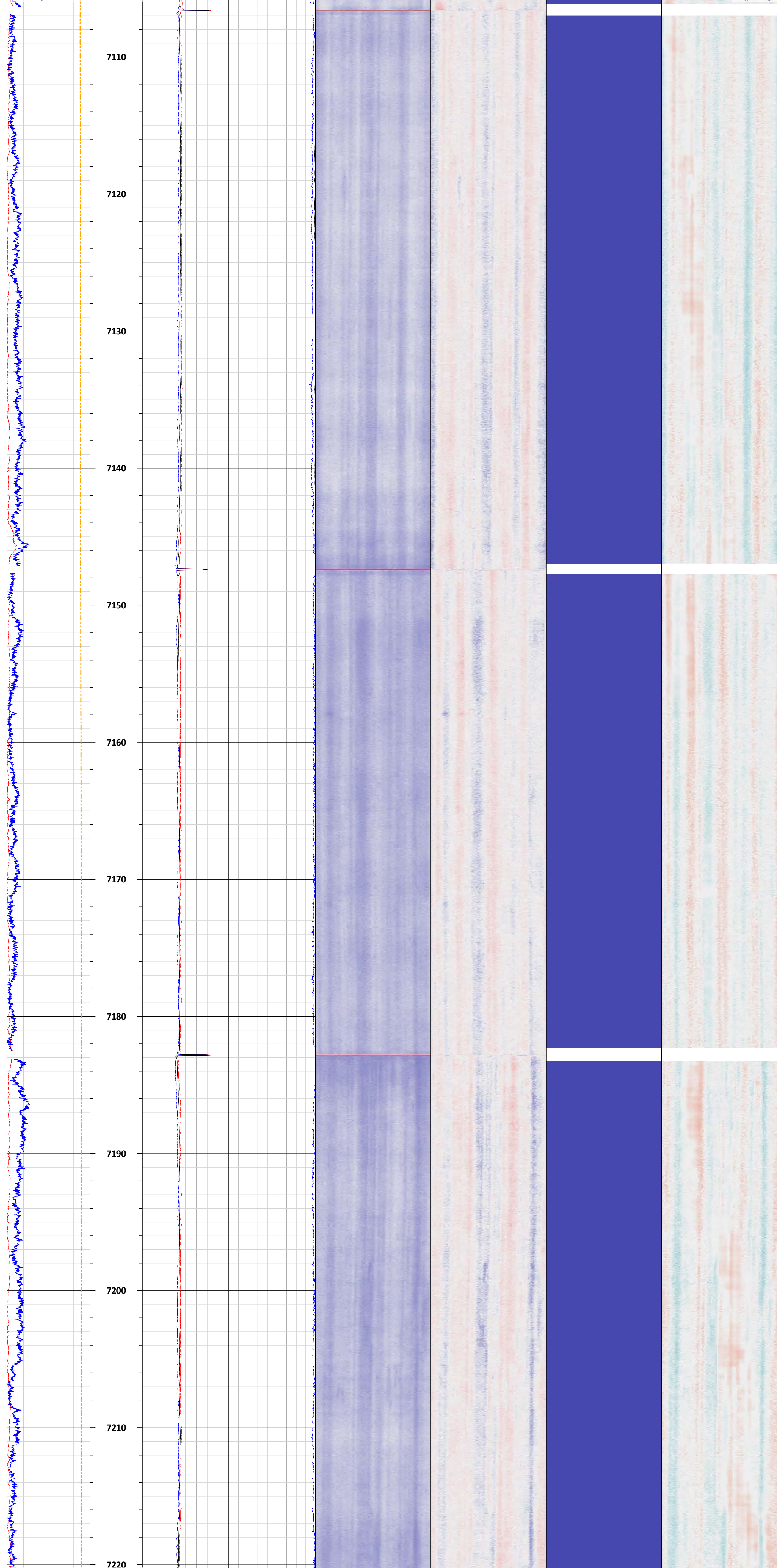


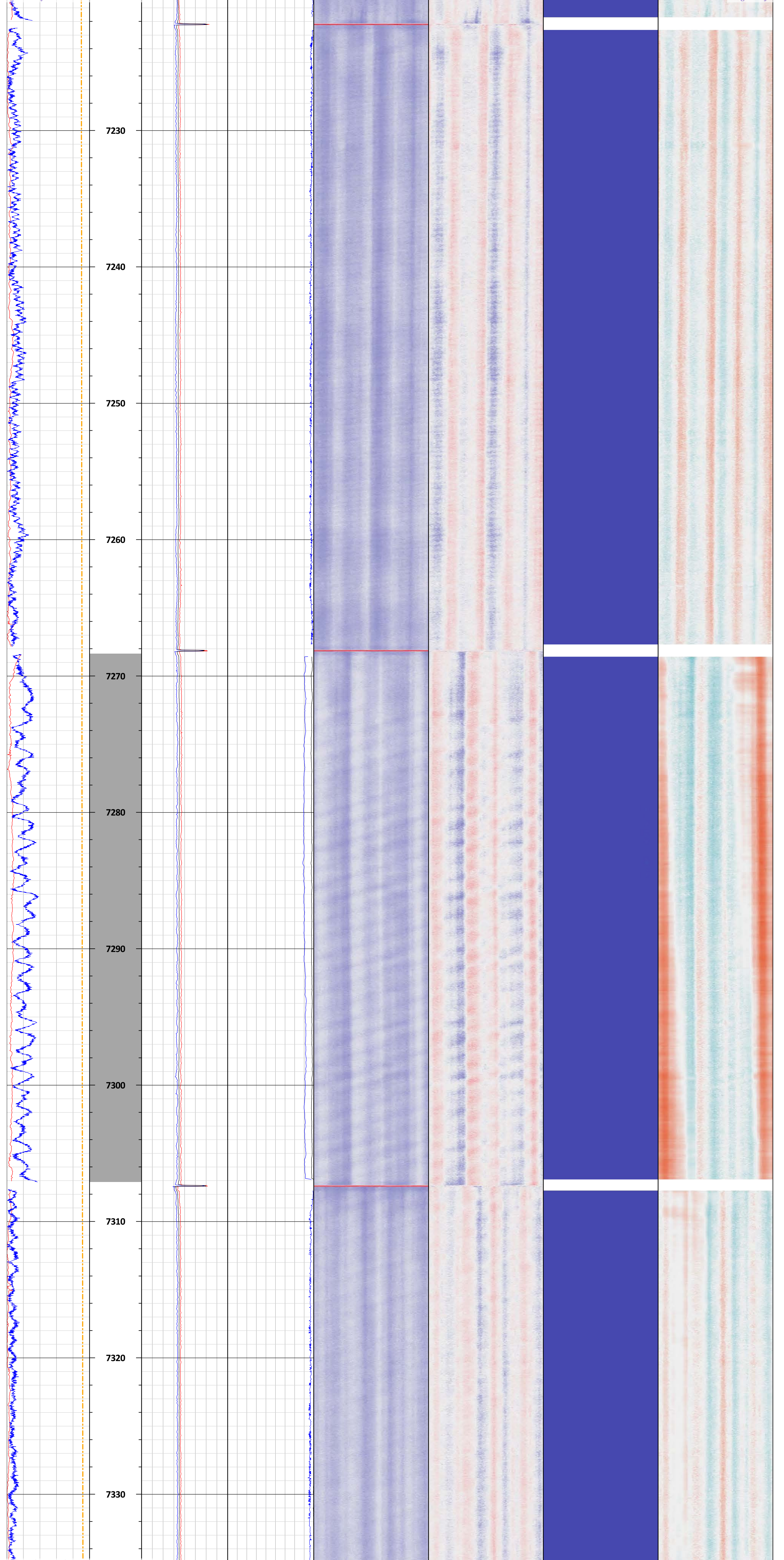


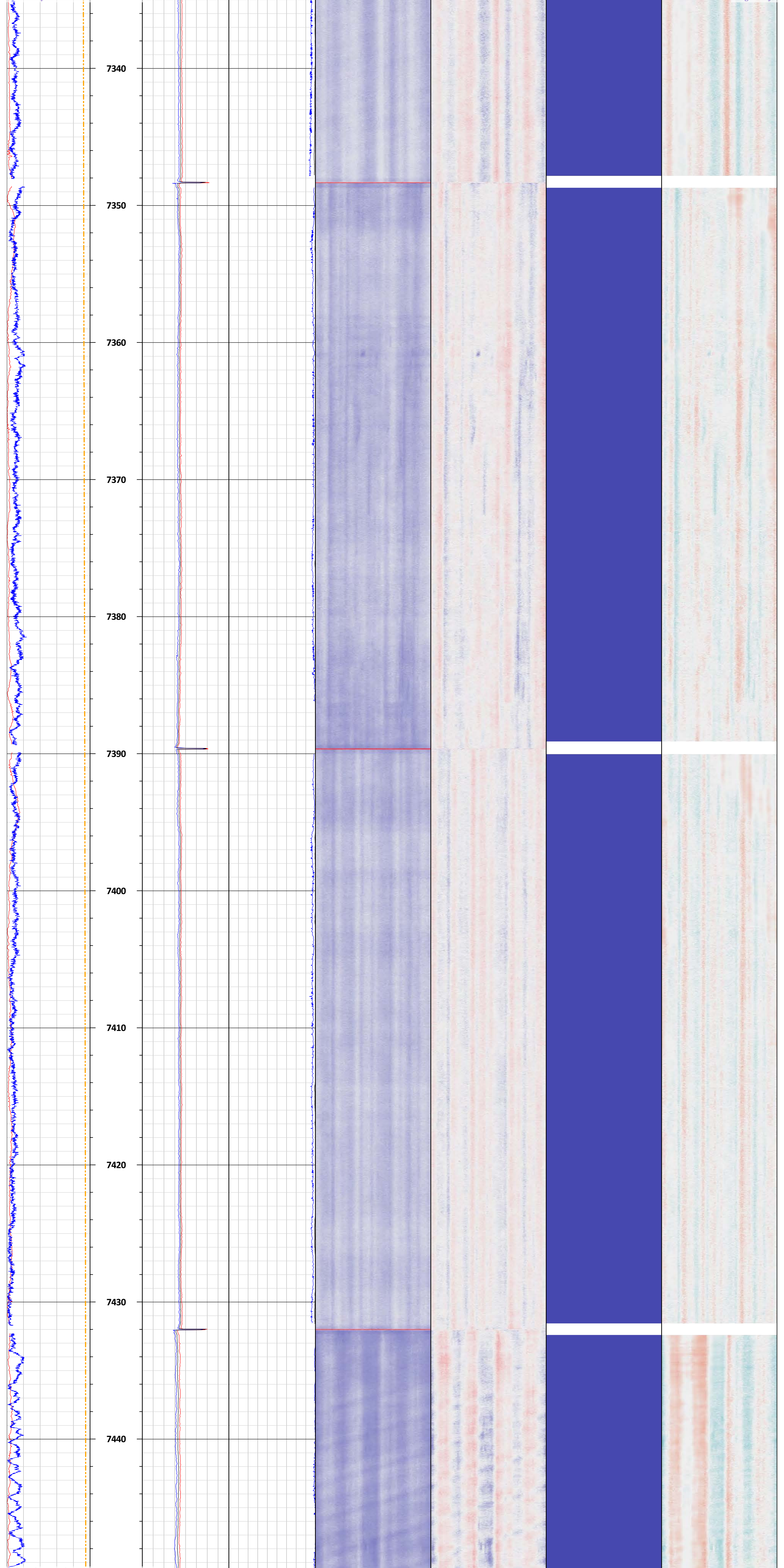


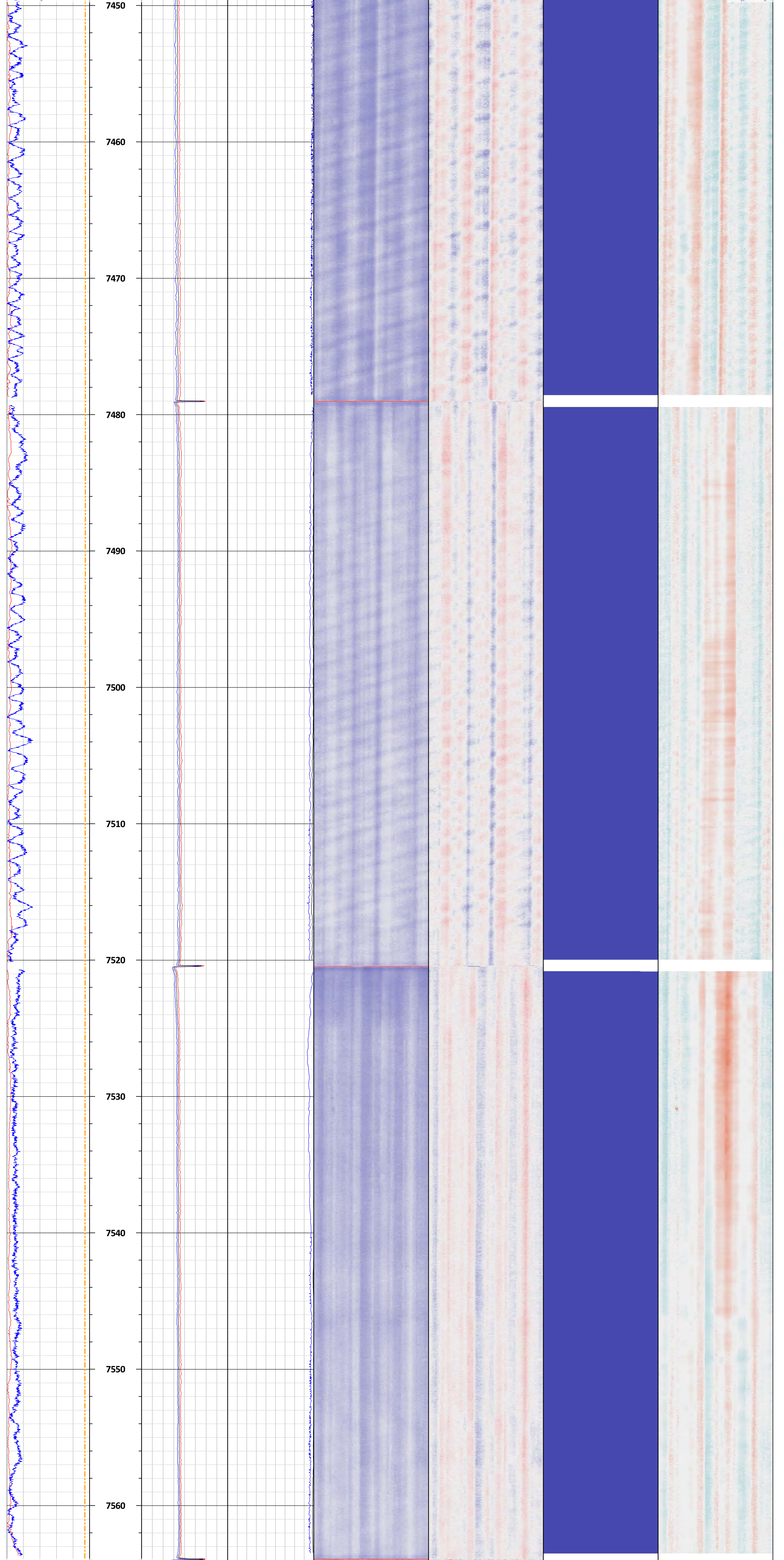


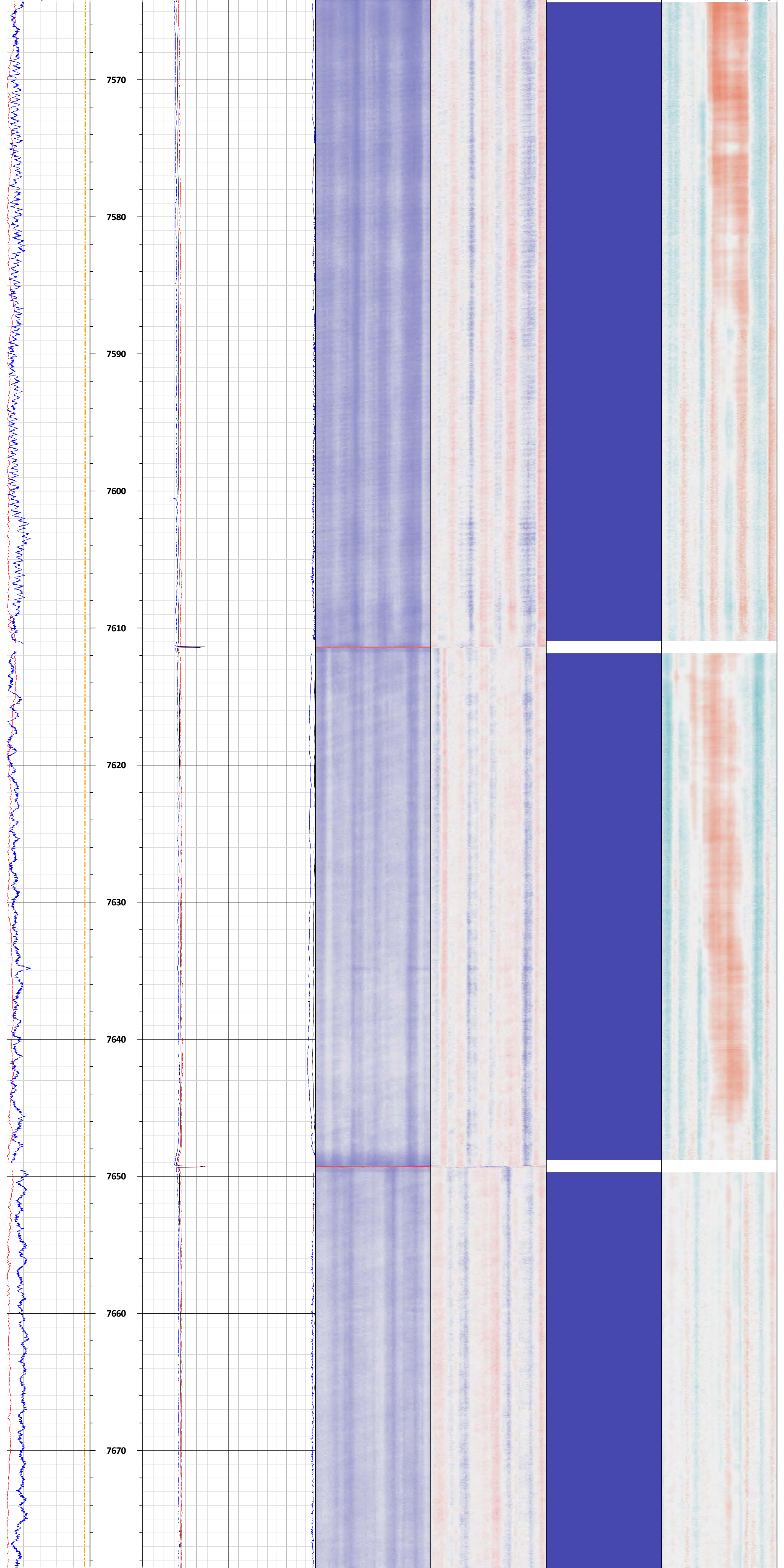


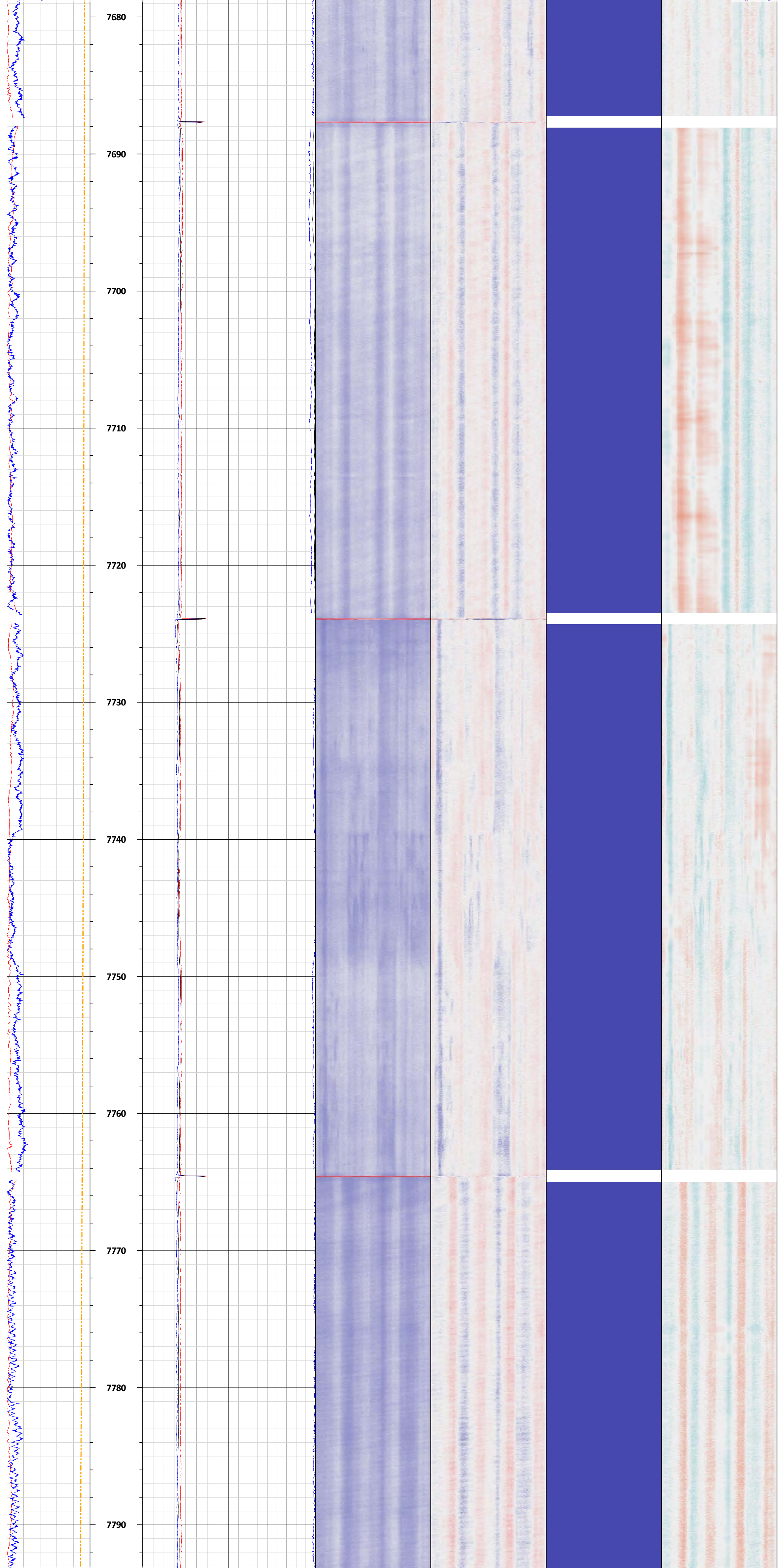


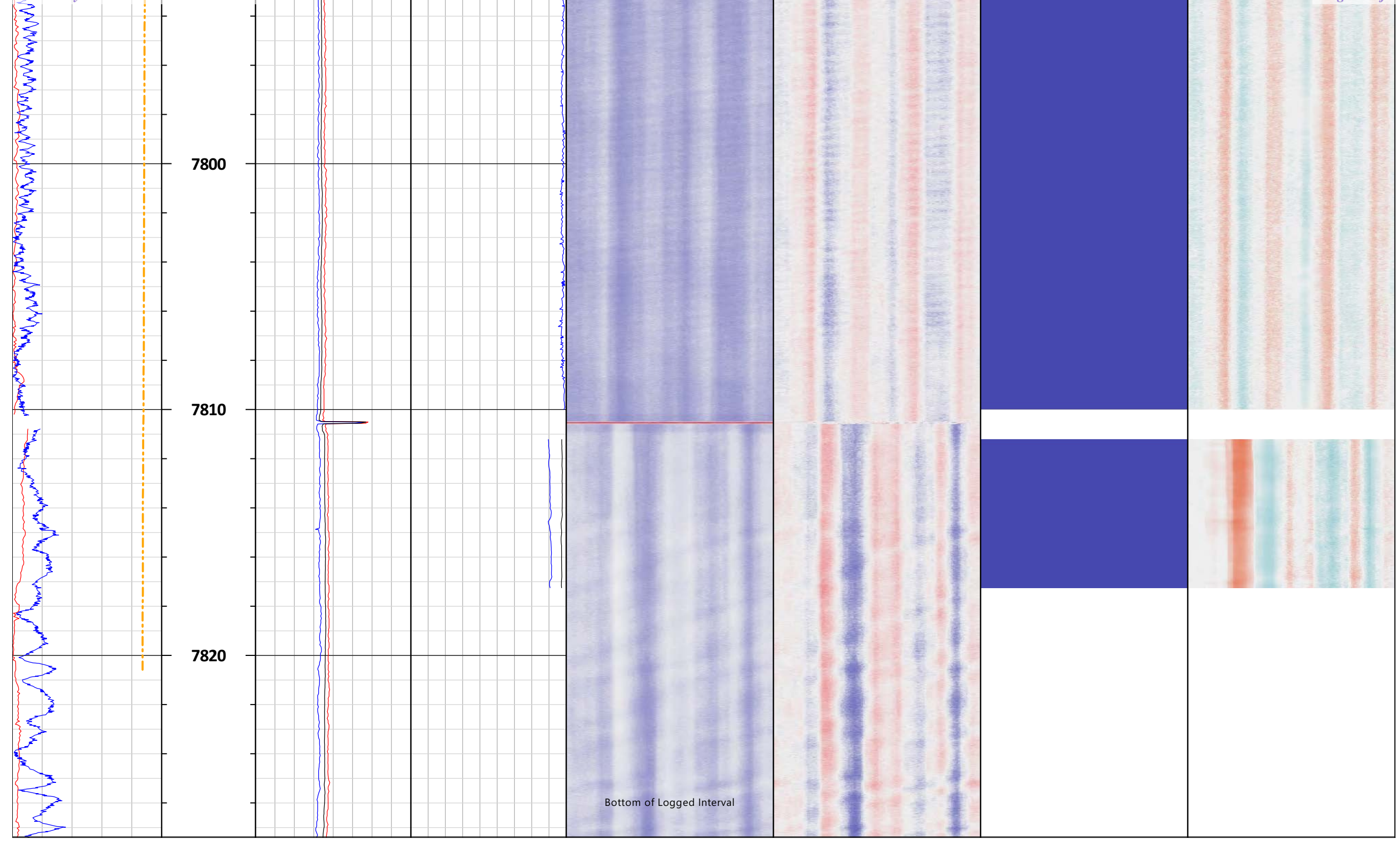












Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 566230

**CONDITIONS**

Operator: HF Sinclair Navajo Refining LLC ATTN: GENERAL COUNSEL Dallas, TX 75201	OGRID: 15694
	Action Number: 566230
	Action Type: [IM-SD] Well File Support Doc (ENG) (IM-AWF)

**CONDITIONS**

Created By	Condition	Condition Date
ahvermersch	None	3/24/2026