



Sector Bond Gamma Ray Collar Correlation Log

Company		KP Kaufman Well Service Inc		Company		KP Kaufman Well Service Inc	
Well		STATE 15		Well		STATE 15	
Field		Wattenberg		Field		Wattenberg	
County		Weld		County		Weld	
State		Colorado		State		Colorado	
Location:		API # : 05-123-09444		Other Services			
SEC 36 TWP 2N RGE 68W		NWSW		Elevation			
Permanent Datum		Ground Level		Elevation		4997	
Log Measured From		Kelly Bushing		K.B.		D.F.	
Drilling Measured From		Kelly Bushing		G.L.		4997	
Date		21 July 2020					
Run Number		One					
Depth Driller		5245					
Depth Logger		4502					
Bottom Logged Interval		4500					
Top Log Interval		2100					
Casing Size		4 1/2					
Type Fluid		Water					
Max. Recorded Temp.		Not Recorded					
Estimated Cement Top		---					
Time Well Ready		ROA					
Unit Number		11:30					
Tool Size/ID Number		200100					
Location		2.75 Probe					
Recorded By		Fort Lupton					
Witnessed By		Scott Erb					
Run Number		Rick Ramos					
Borehole Record				Tubing Record			
Bit		From		To		Size	
						Weight	
						From	
						To	
Casing Record		Size		Wgt/Ft		Top	
Surface String		8 5/8		24		Surface	
Prot. String							
Production String		4 1/2		11.6		Surface	
Liner						Total Depth	

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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

No log available for correlation

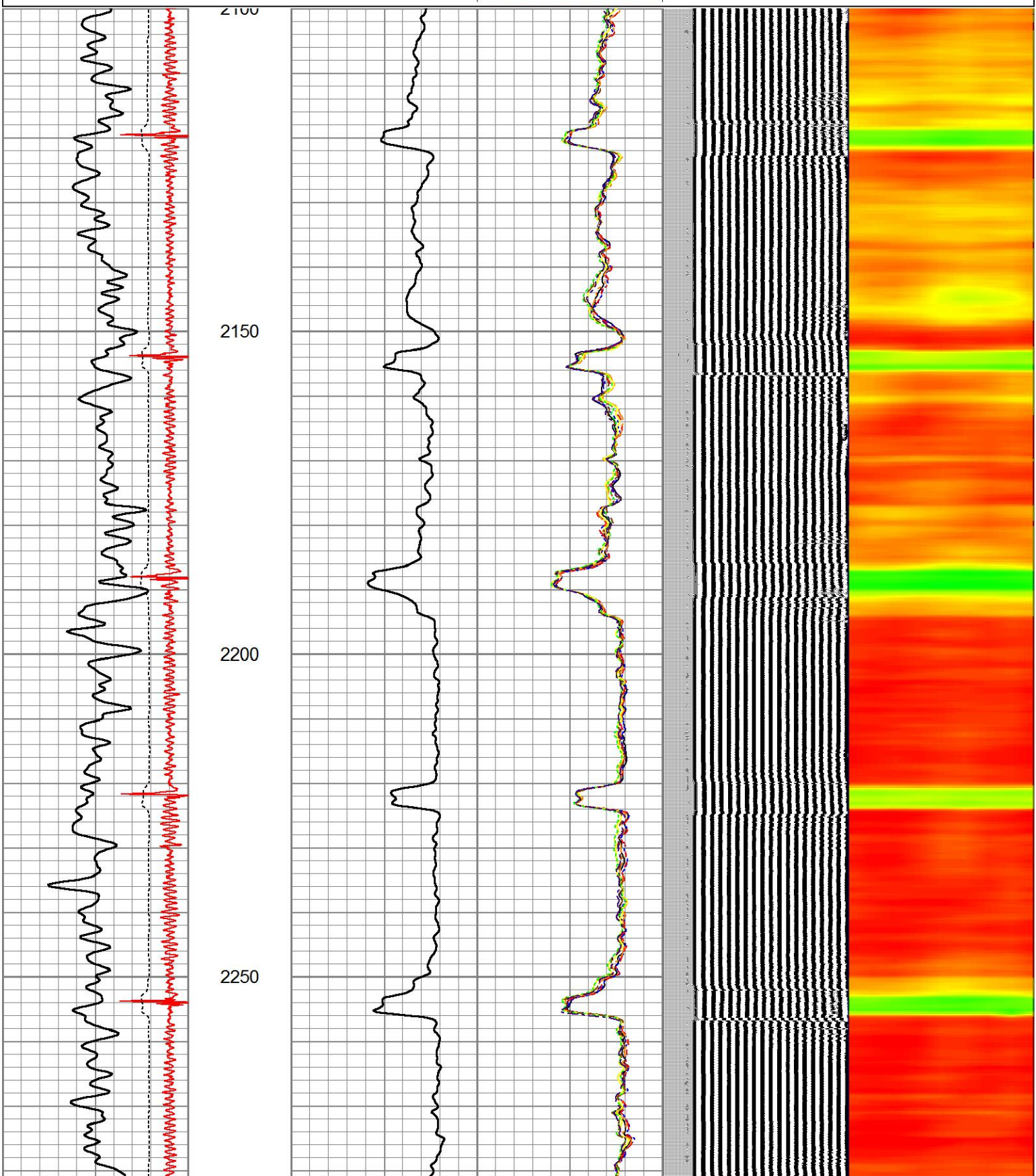
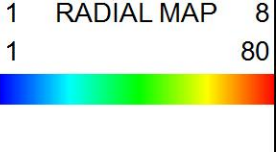
Database File	state 15.db
Dataset Pathname	pass10
Presentation Format	zwag
Dataset Creation	Tue Jul 21 12:01:54 2020
Charted by	Depth in Feet scaled 1:240

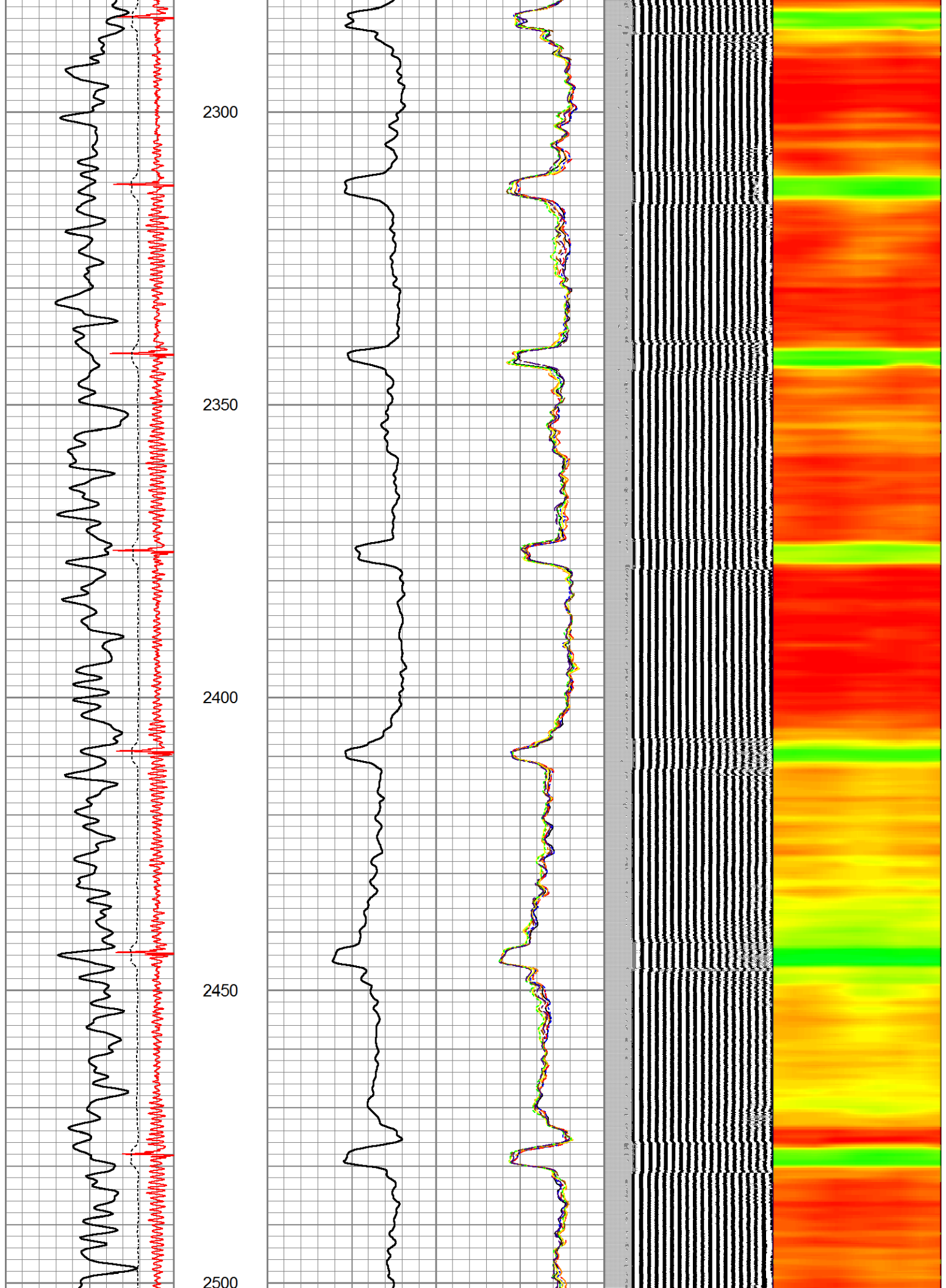
10	CCL	-1.1
0	GR (GAPI)	150
400	TT3 (usec)	200

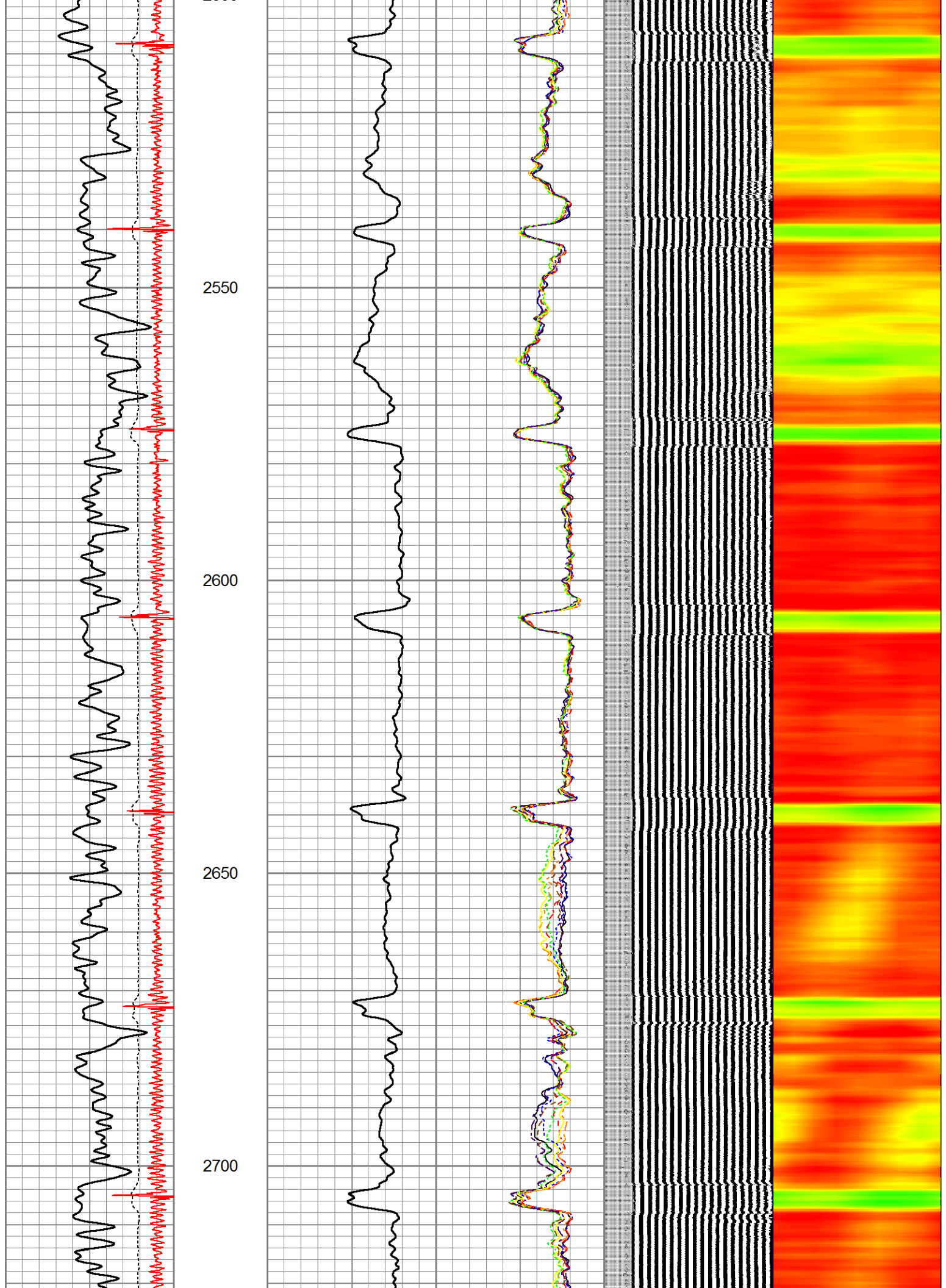
0	AMP (mV)	100
0	AMPLIFIED AMP3	20

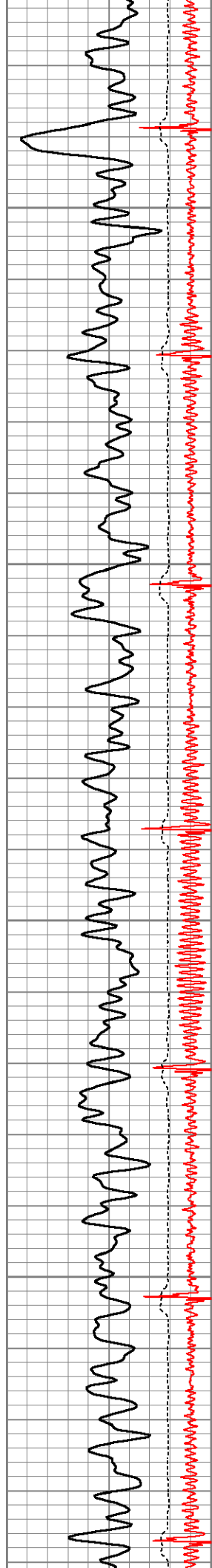
0	AMPS1	100
0	AMPS2	100
0	AMPS3	100
0	AMPS4	100
0	AMPS5	100
0	AMPS6	100
0	AMPS7	100
0	AMPS8	100

200	VDL	1200
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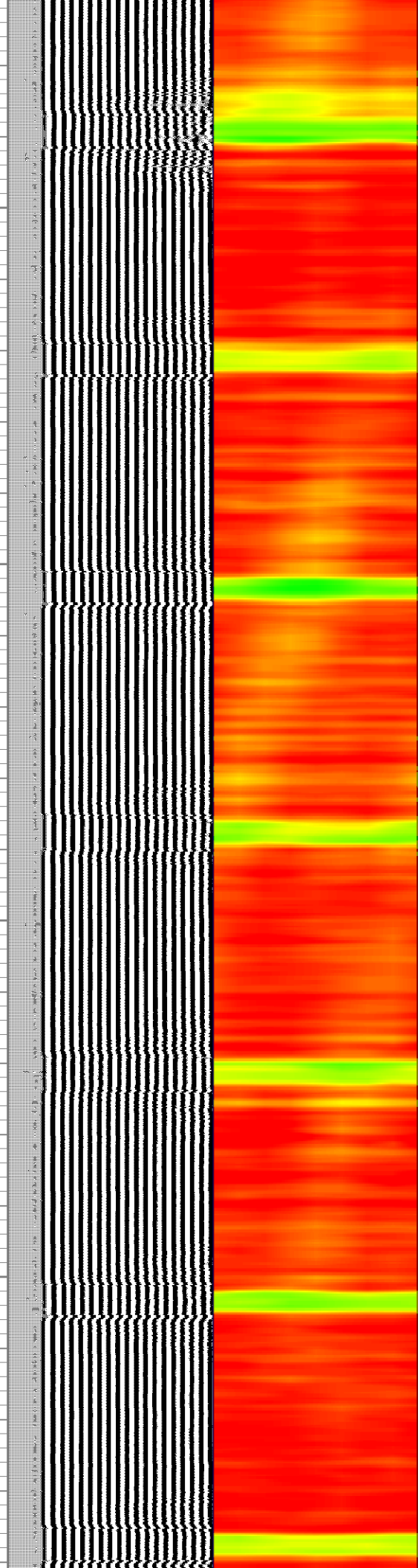
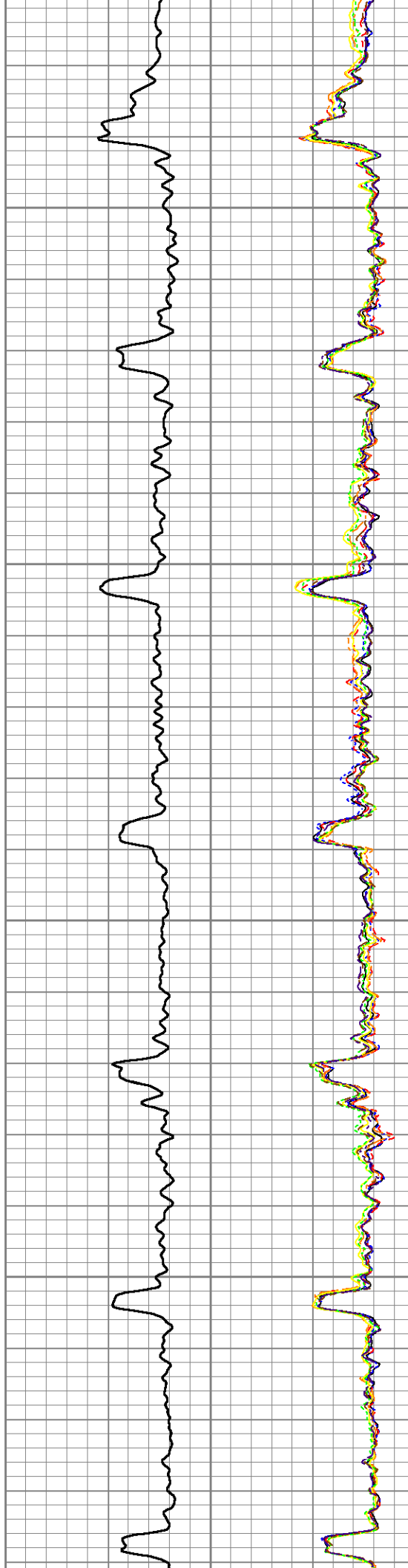


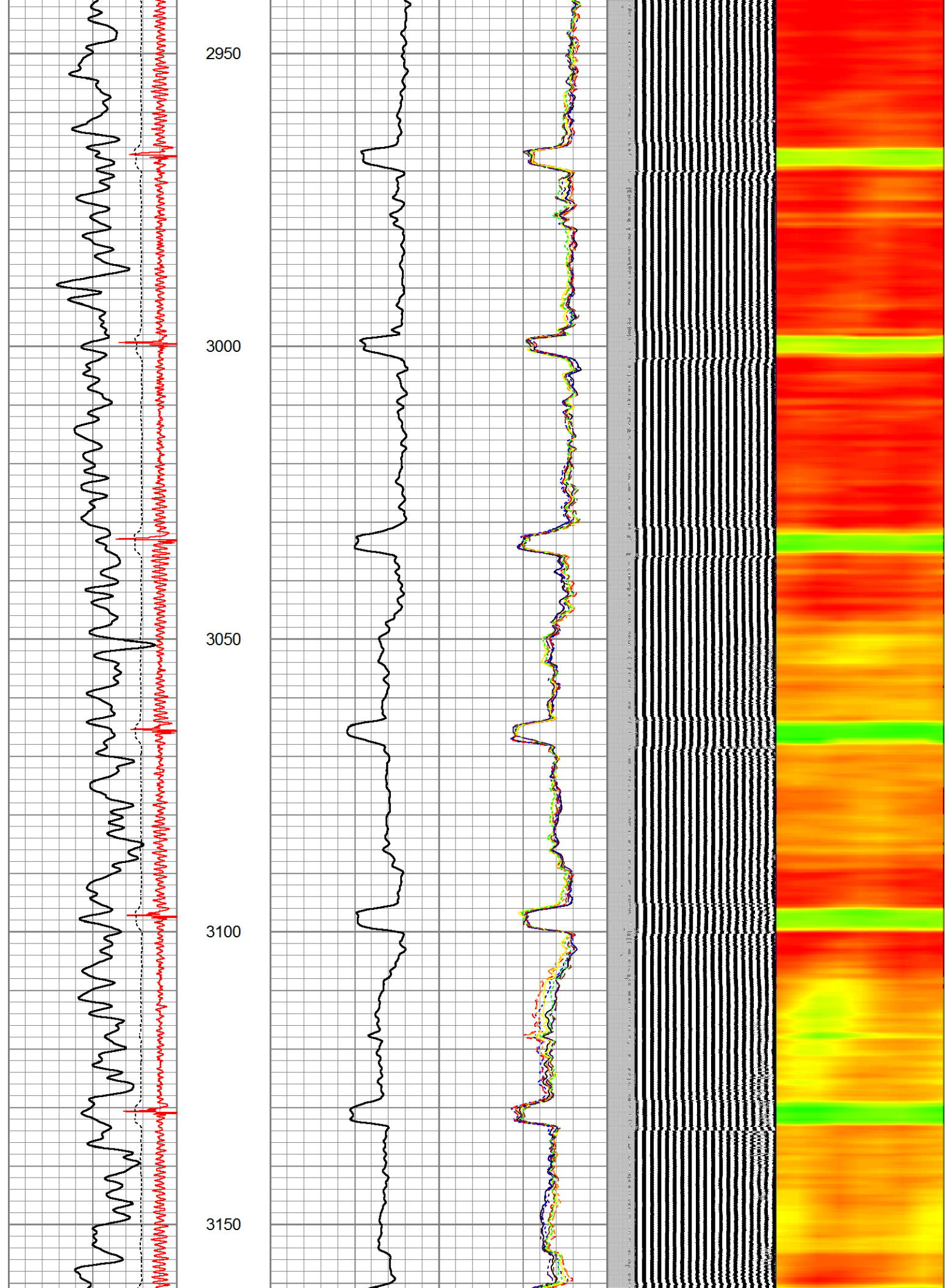
2750

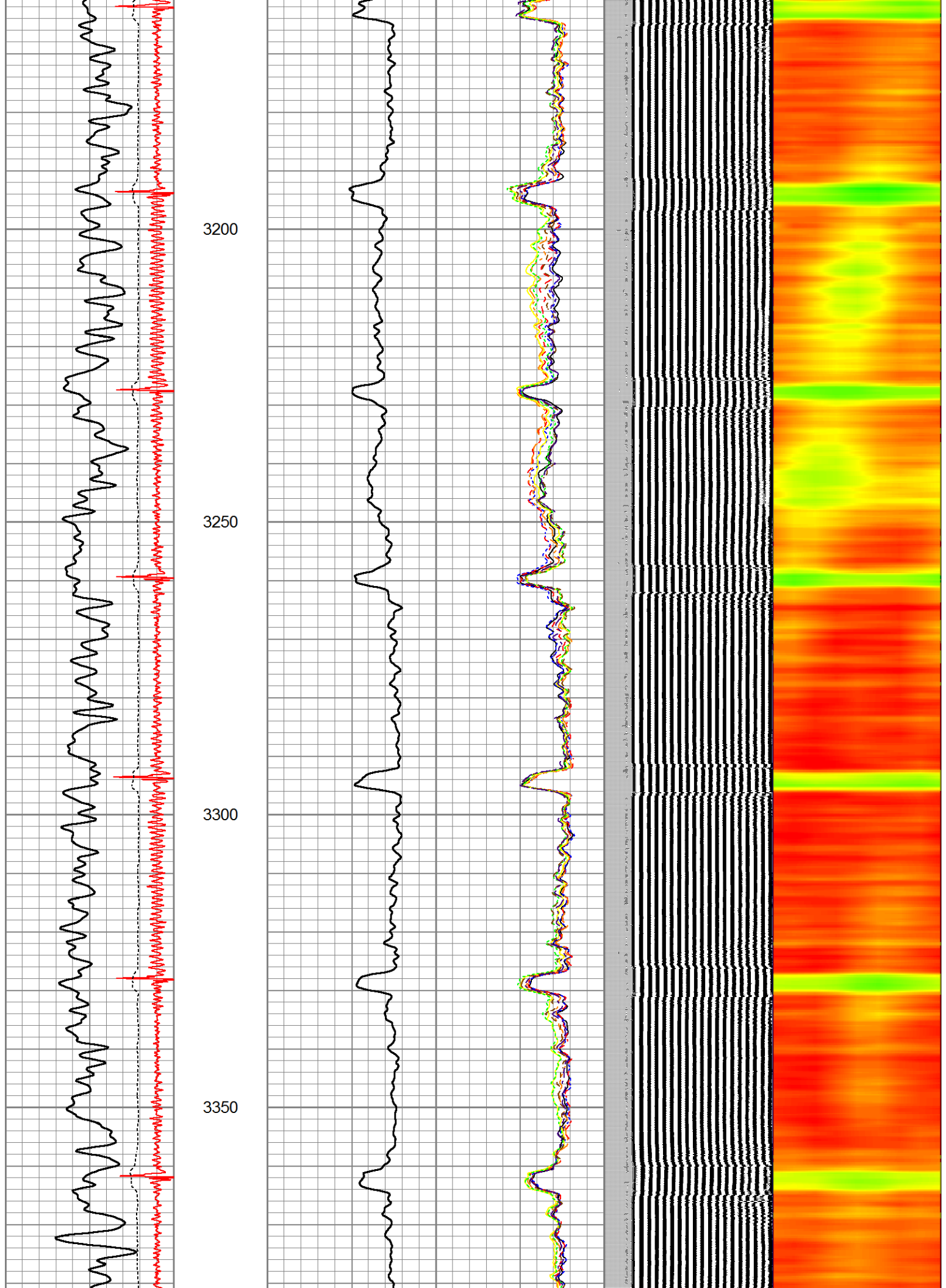
2800

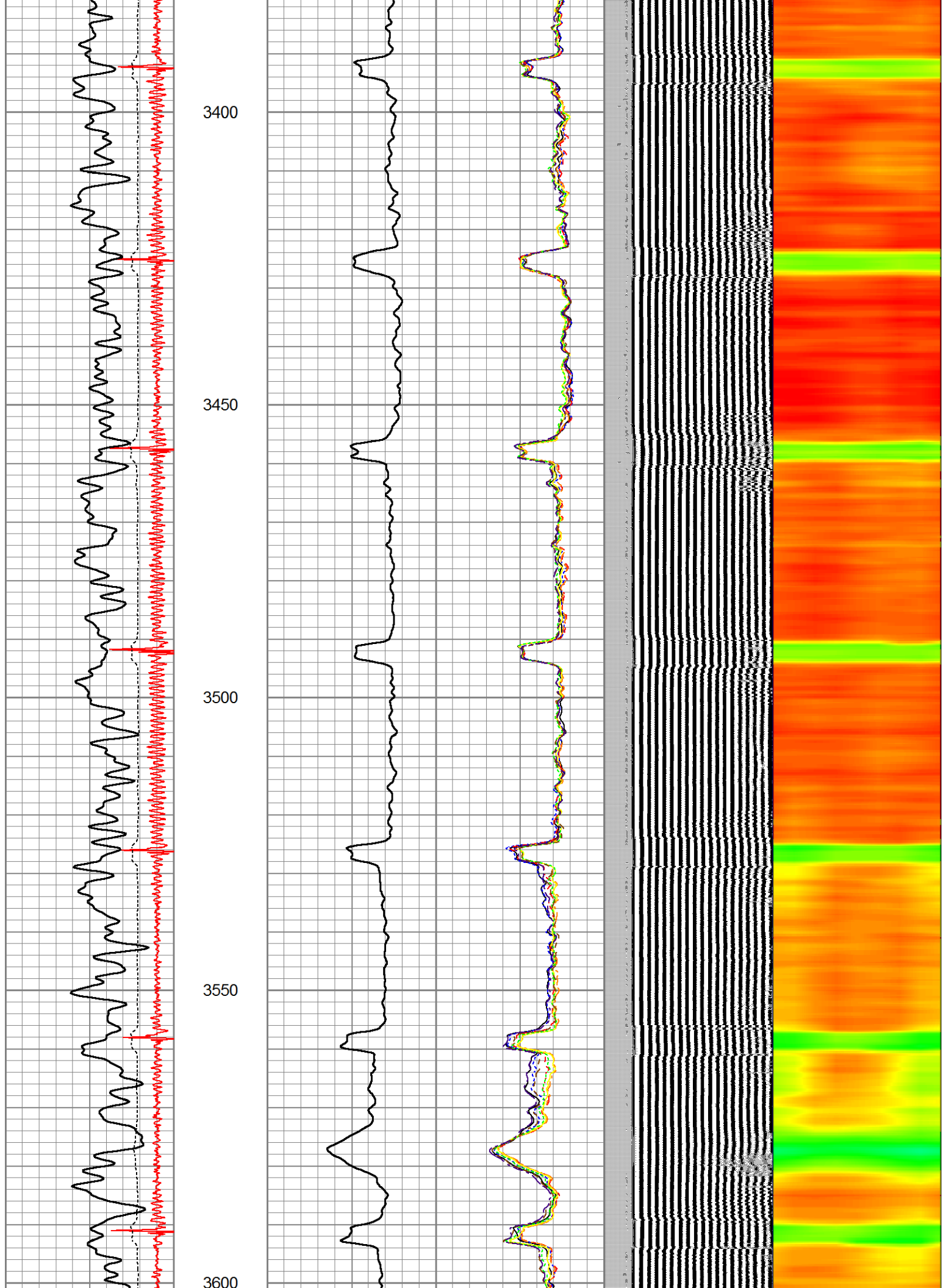
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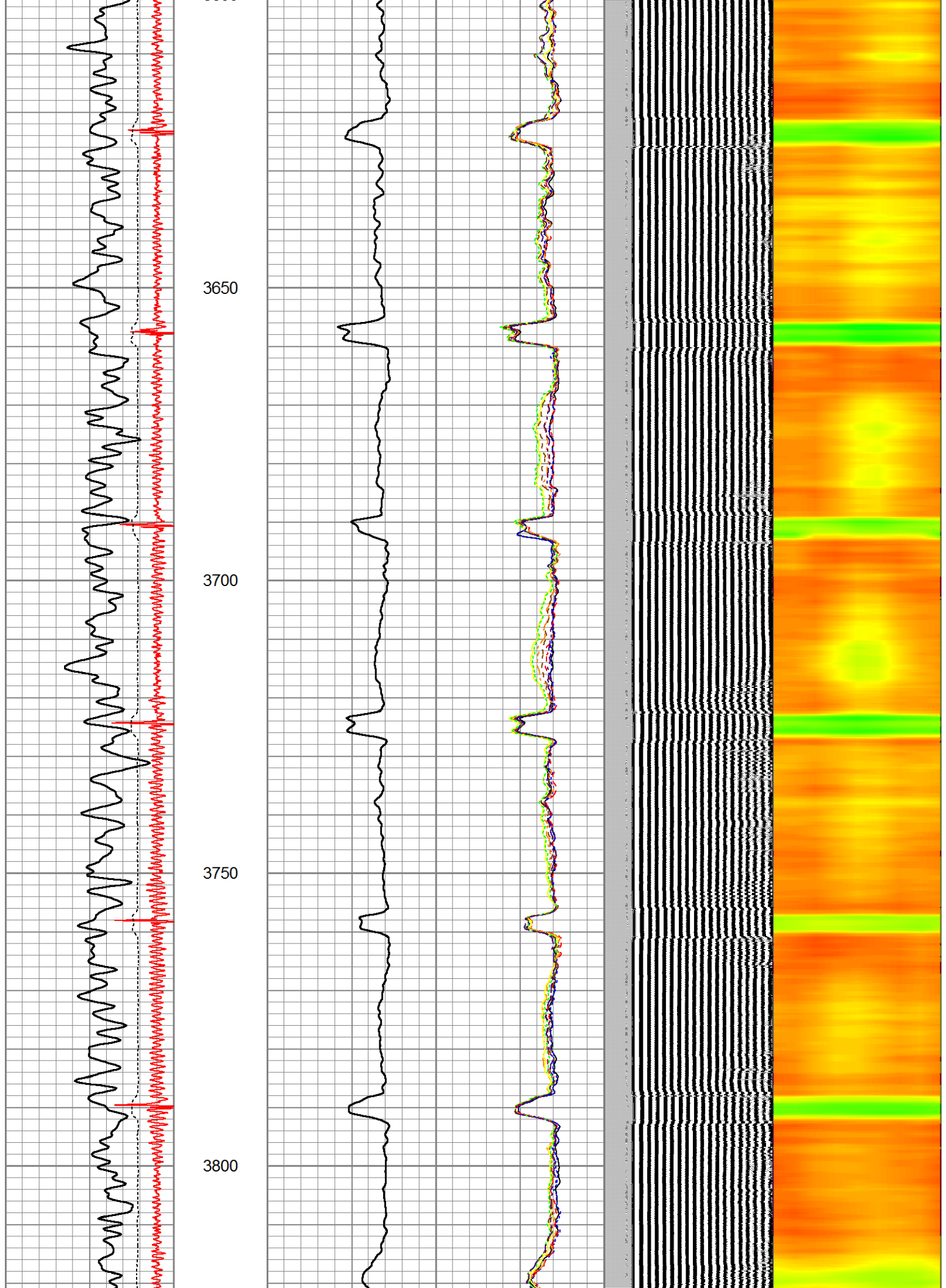
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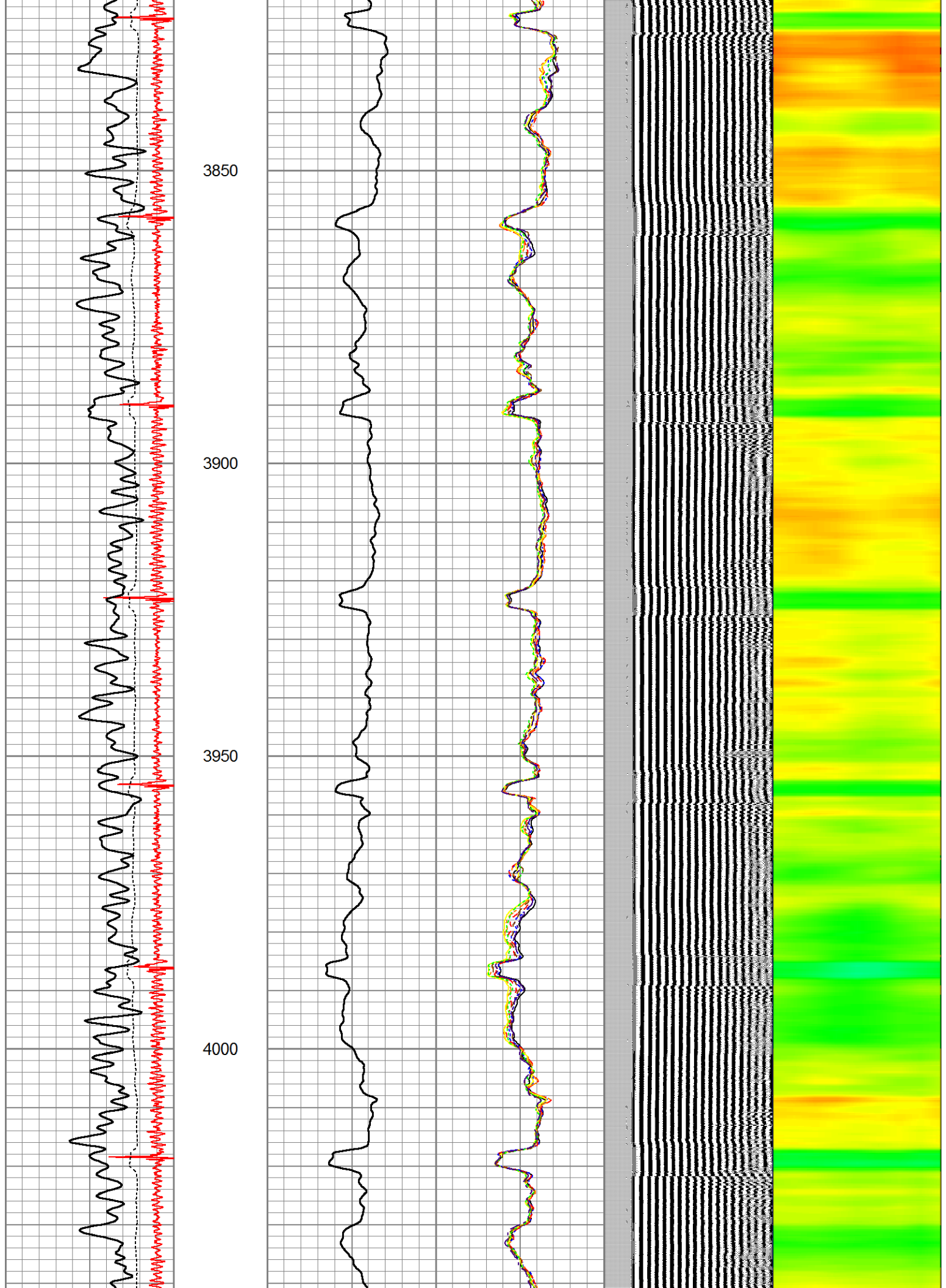


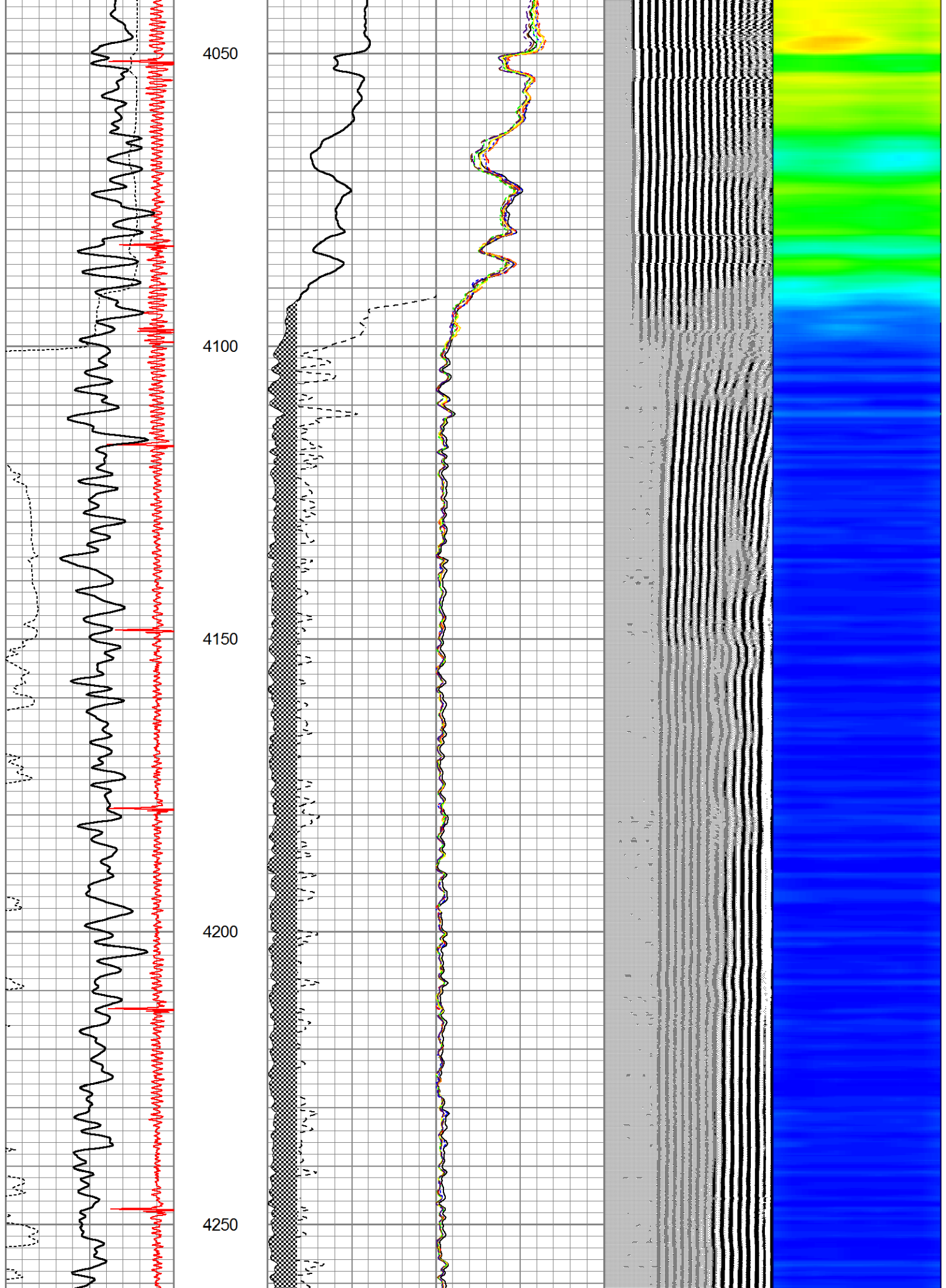


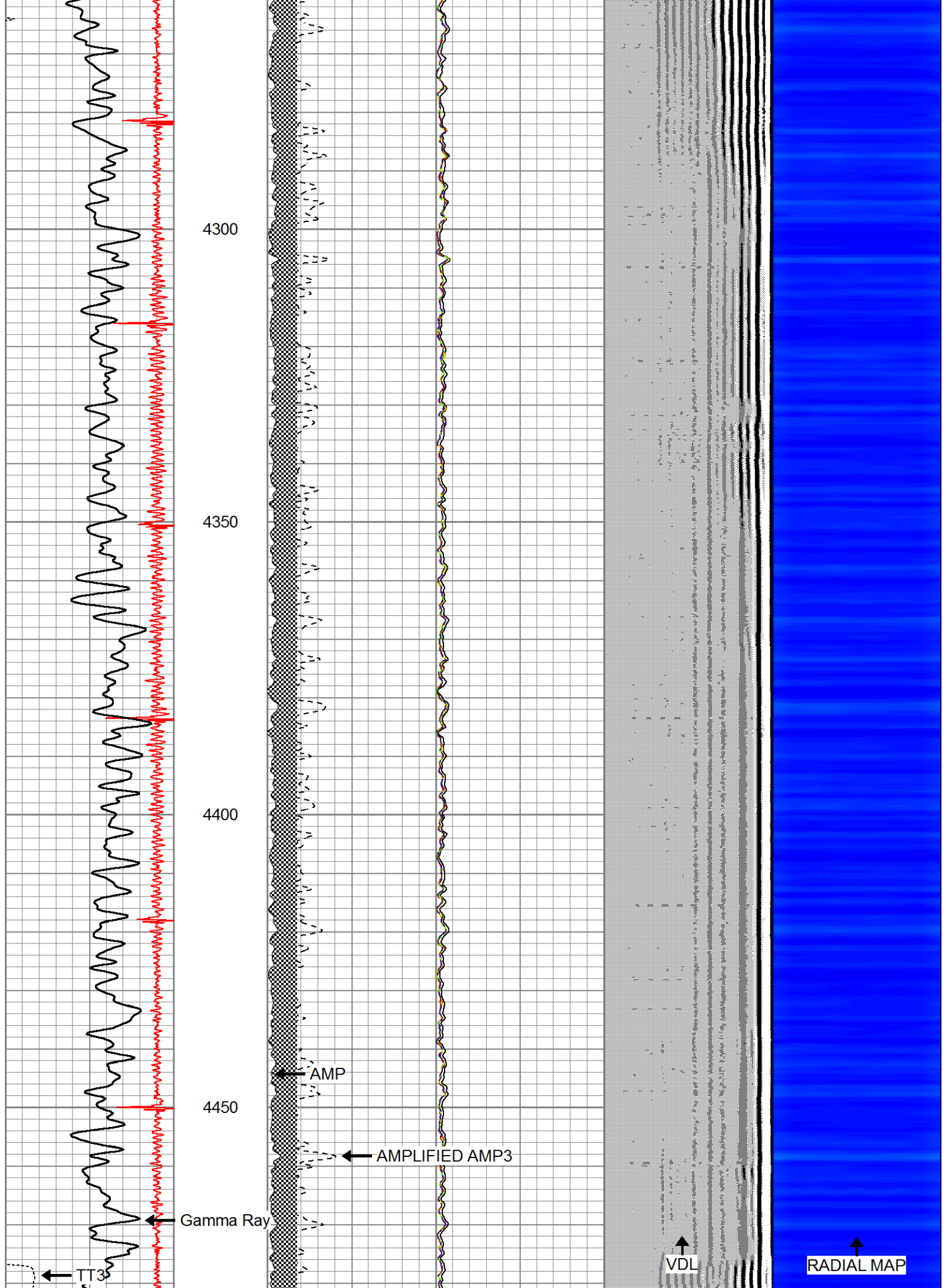


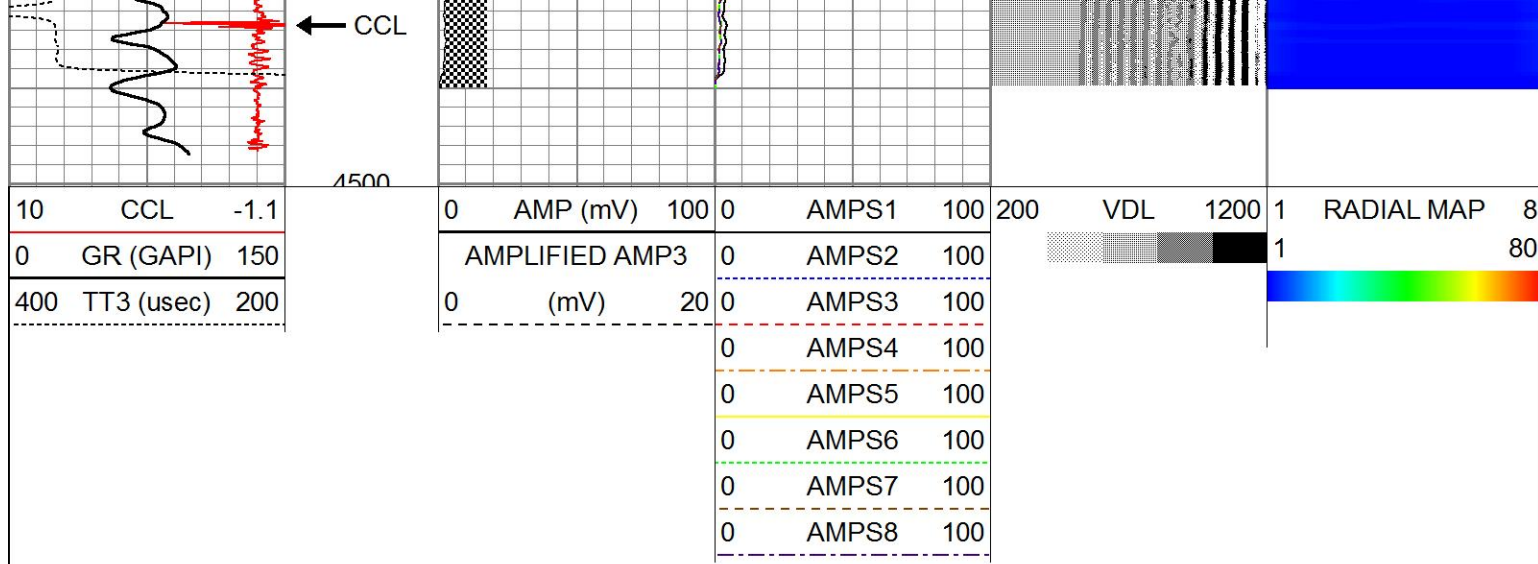












Calibration Report		
Database File	state 15.db	
Dataset Pathname	pass10	
Dataset Creation	Tue Jul 21 12:01:54 2020	

Gamma Ray Calibration Report

Type / Serial:	Probe275dig / 101010
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SHOP CALIBRATION		Wed Feb 27 07:52:48 2013		
Background	Counts/Sec.	Gain	Offset	Jig
Calibrator	0.0			
	1.0	0.6500		
				Units
				cps
				cps
				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
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Serial Number:	101020
Tool Model:	Probe
Calibration Casing Diameter:	4.500 in
Calibration Depth:	799.550 ft

Master Calibration, performed Tue Jul 21 11:41:40 2020:						
Raw (v)		Calibrated (mv)		Results		
Zero	Cal	Zero	Cal	Gain	Offset	

3'	0.000	1.483	1.000	81.196	54.062	1.000
CAL	0.000	1.751				
5'	0.000	1.328	1.000	81.196	60.411	1.000
SUM						
S1	0.000	1.517	0.000	81.196	53.530	0.000
S2	0.000	1.442	0.000	81.196	56.293	0.000
S3	0.000	1.413	0.000	81.196	57.480	0.000
S4	0.000	1.410	0.000	81.196	57.572	0.000
S5	0.000	1.454	0.000	81.196	55.840	0.000
S6	0.000	1.507	0.000	81.196	53.866	0.000
S7	0.000	1.507	0.000	81.196	53.874	0.000
S8	0.000	1.525	0.000	81.196	53.250	0.000

Internal Reference Calibration, performed Tue Feb 12 12:45:01 2013:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.000	1.751	1.000	0.000

Air Zero Calibration, performed Thu Feb 21 13:40:31 2013:

	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