



SECTOR BOND LOG
GAMMA RAY
CCL LOG

Company KERR-McGEE OIL & GAS ONSHORE, L. P.
 Well MCCARTY MB 34-3
 Field WATTENBERG
 County BOULDER
 State COLORADO Country USA

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Location: NE NW
 API #: 05-013-06431
 Other Services
 PERF

Permanet Datum GL Elevation 5066'
 Log Measured From KB
 Drilling Measured From KB

LAT: 40.1008/42 LONG: -105.105356
 SEC 34 TWP 2N RGE 69W

Elevation
 K.B. 5076'
 D.F. 5075'
 G.L. 5066'

Date 12-16-2021

Run Number ONE
 Depth Driller 8110'
 Depth Logger 7314'
 Bottom Logged Interval 7308'
 Top Log Interval SURFACE
 Open Hole Size 7.875"
 Type Fluid WATER
 Density / Viscosity N/A
 Max. Recorded Temp. 234°
 Estimated Cement Top 6916'
 Time Well Ready N/A
 Time Logger on Bottom N/A
 Equipment Number 1016
 Location BRIGHTON CO
 Recorded By P LOPEZ
 Witnessed By JORGE MONTELONGO


Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record							
Surface String		8.5/8"		24			
Prot. String							
Production String		4.50"		11.6			
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

DEPTH REFERENCE TO BRAN-DE X WIRELINE SERVICES CBL DATED 12-21-93

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Cable_Head-1_7/16 Titan 1 7/16" Cable Head	1.02	1.44	3.31

			Centralizers-8071-275-200 Tekco 2 3/4" Adjustable Centralizer	2.73	2.75	25.00
WVFSYNC	18.46					
WVFCAL	18.46					
TEMP	17.33					
WVFS8	16.04					
WVFS7	16.04		SCBLTEKSECT-275 Temp JS (IBUCO04) TekCo 2 3/4" 400 Deg. F Sector Tool with Temperature	9.13	2.75	130.00
WVFS6	16.04					
WVFS5	16.04					
WVFS4	16.04					
WVFS3	16.04					
WVFS2	16.04					
WVFS1	16.04					
WVF3FT	15.29					
WVF5FT	14.29					
WVFTEMP	10.96					
			Centralizers-8071-275-200 Tekco 2 3/4" Adjustable Centralizer	2.73	2.75	25.00
CCL	7.08		CCL-275tekco (111) Tekco 2 3/4" 450 Deg. F Rare Earth Magnets	1.83	2.75	33.00
GR	3.77		GR-Tek-Co 2 3/4 (0111) Tekco 2 3/4" 400 Deg. F Logging Gamma Ray	3.67	2.75	40.00
			Centralizers-8071-275-200 Tekco 2 3/4" Adjustable Centralizer	2.73	2.75	25.00

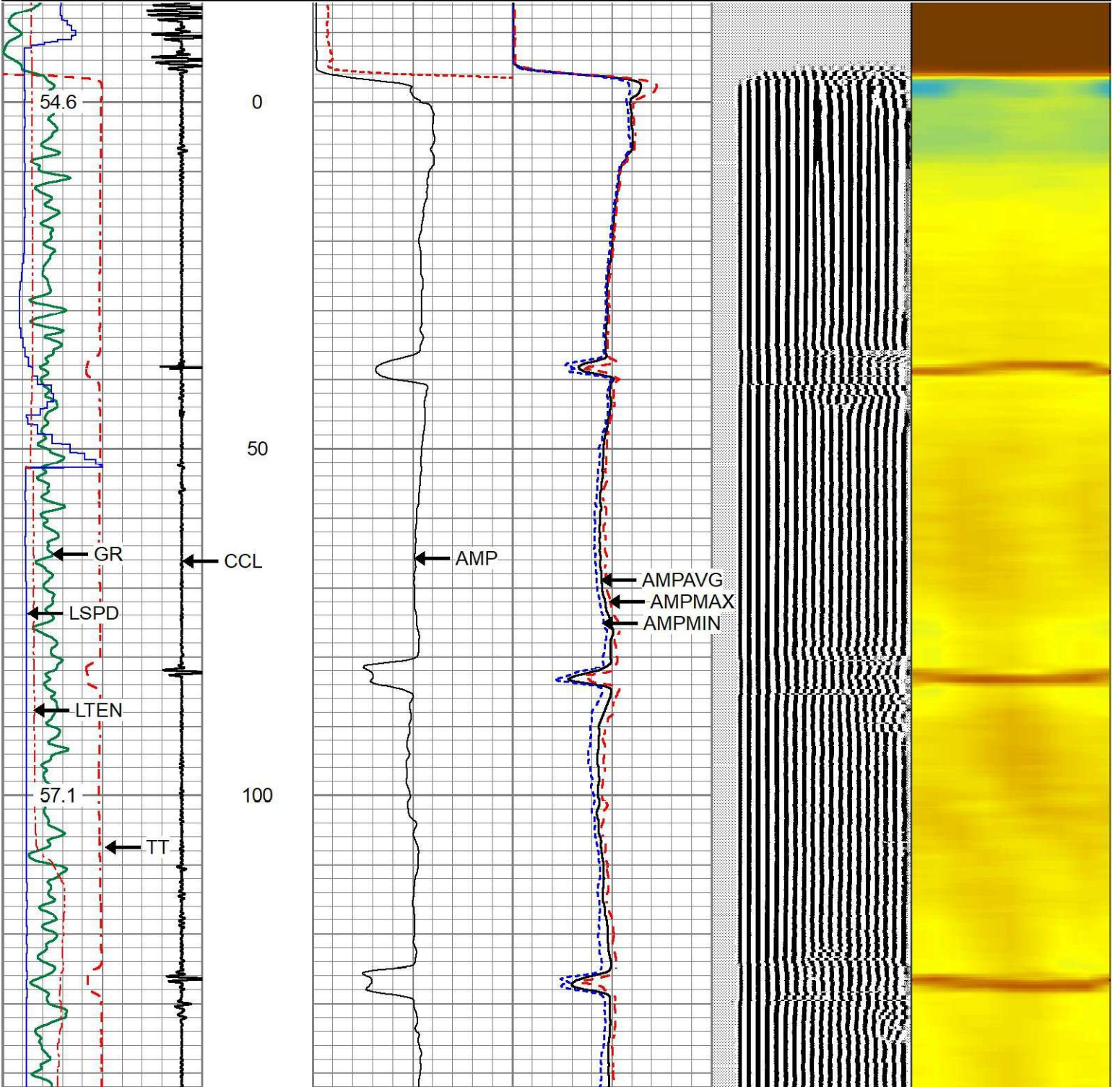
Dataset: anadarko_mccarty mb 34-3_0501306431_20211216_scbl.db: field/well/run1/pass10
 Total length: 23.83 ft
 Total weight: 281.31 lb
 O.D.: 2.75 in

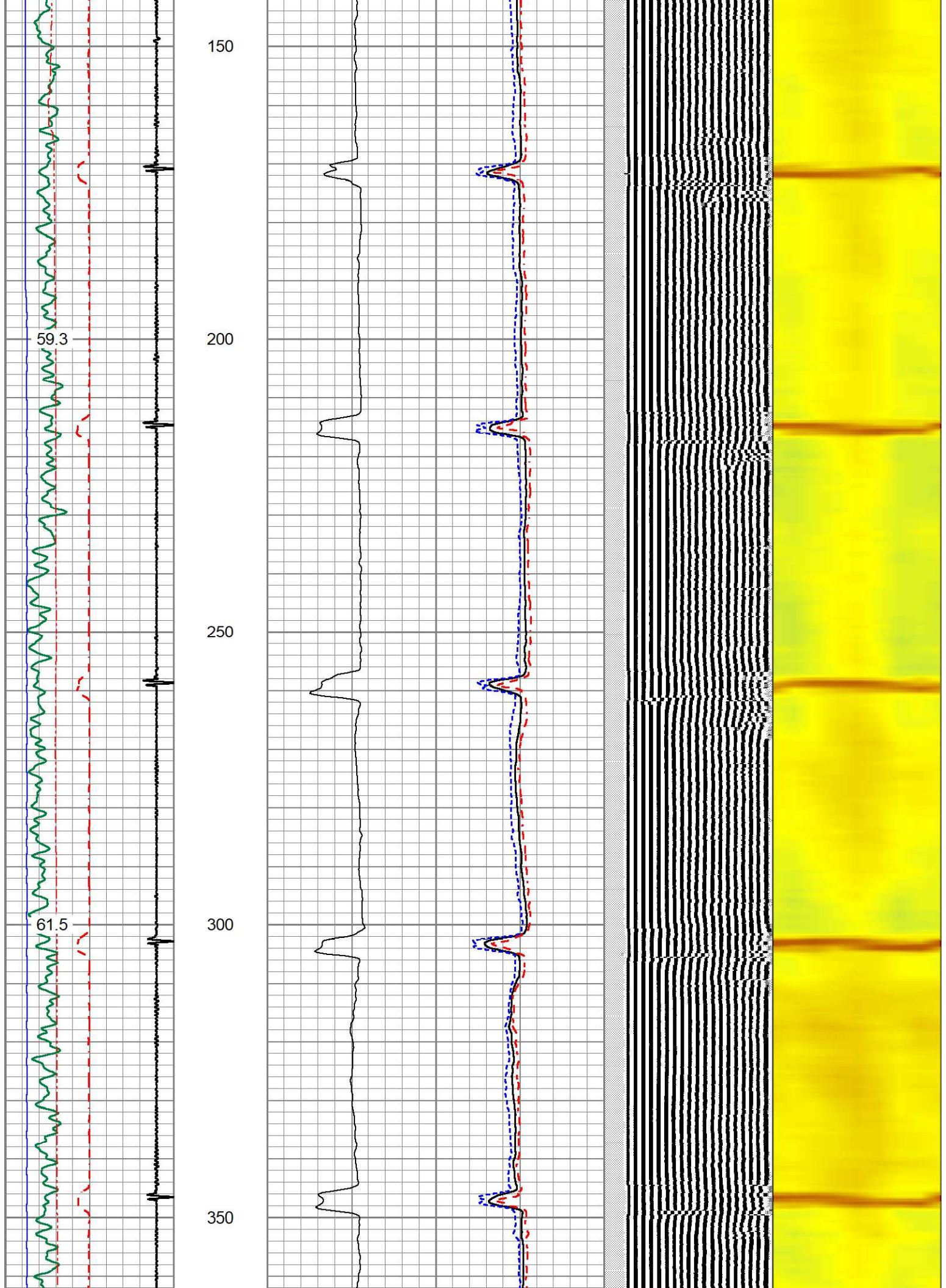


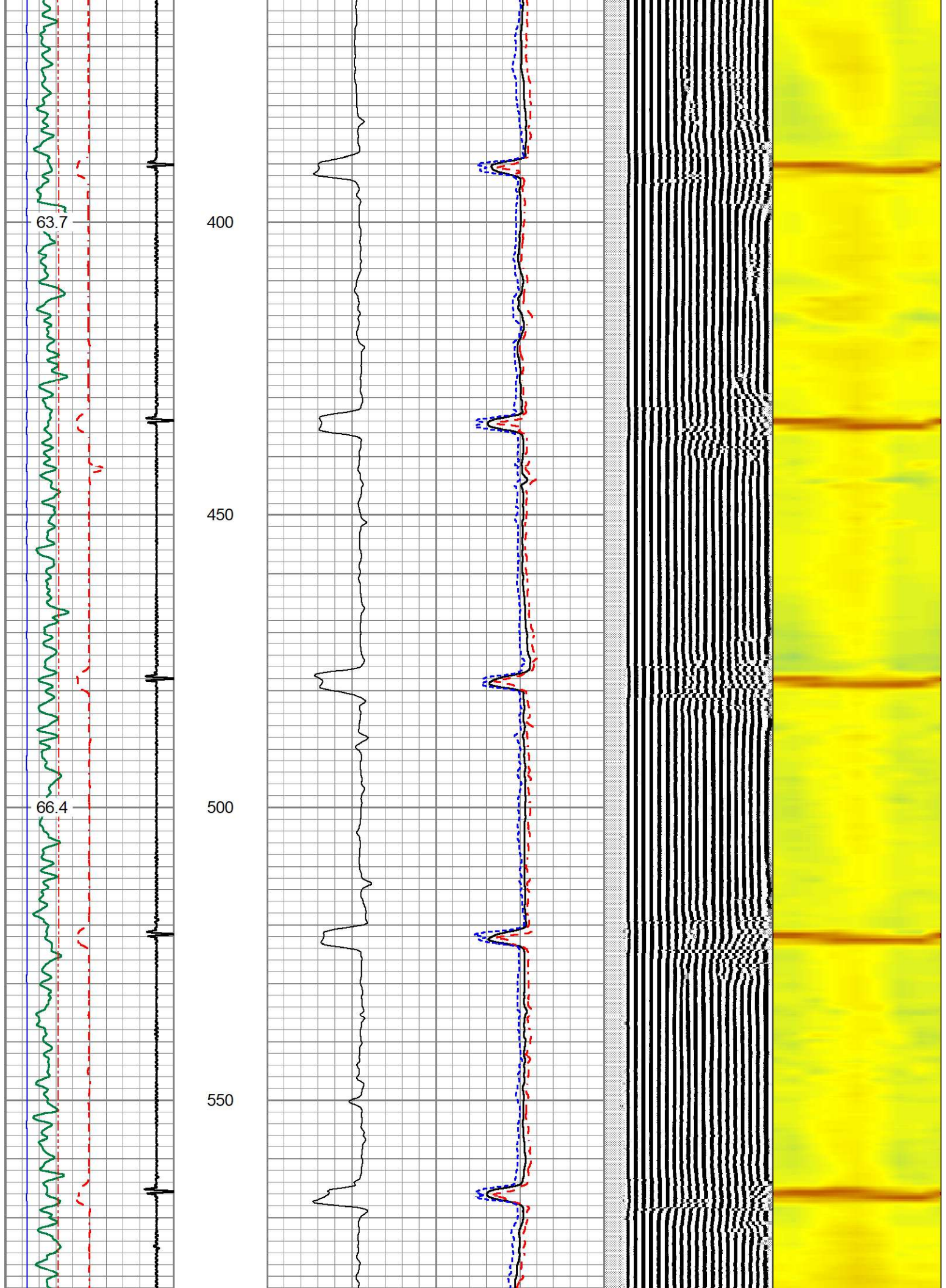
MAIN PASS 500 PSI

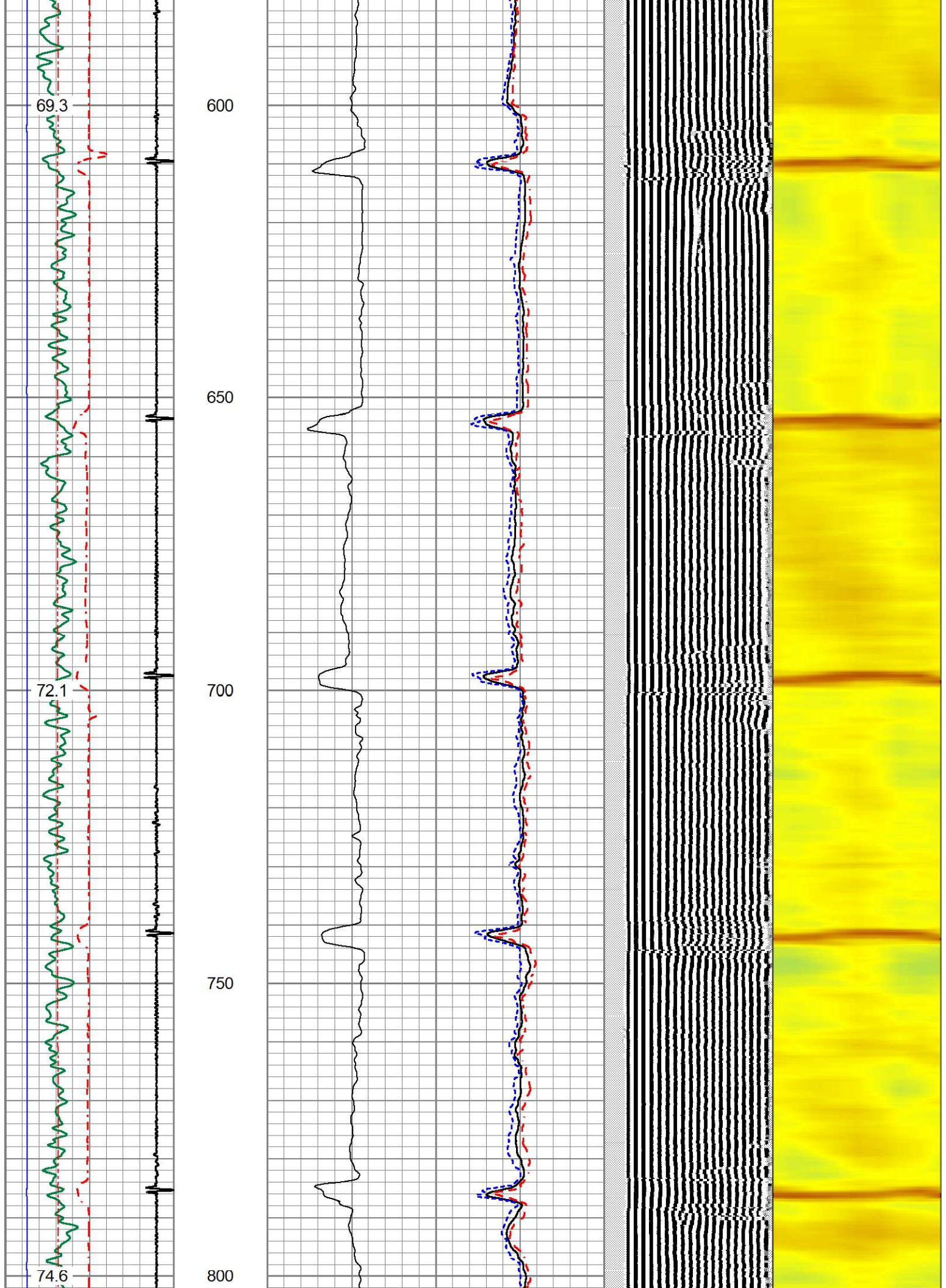
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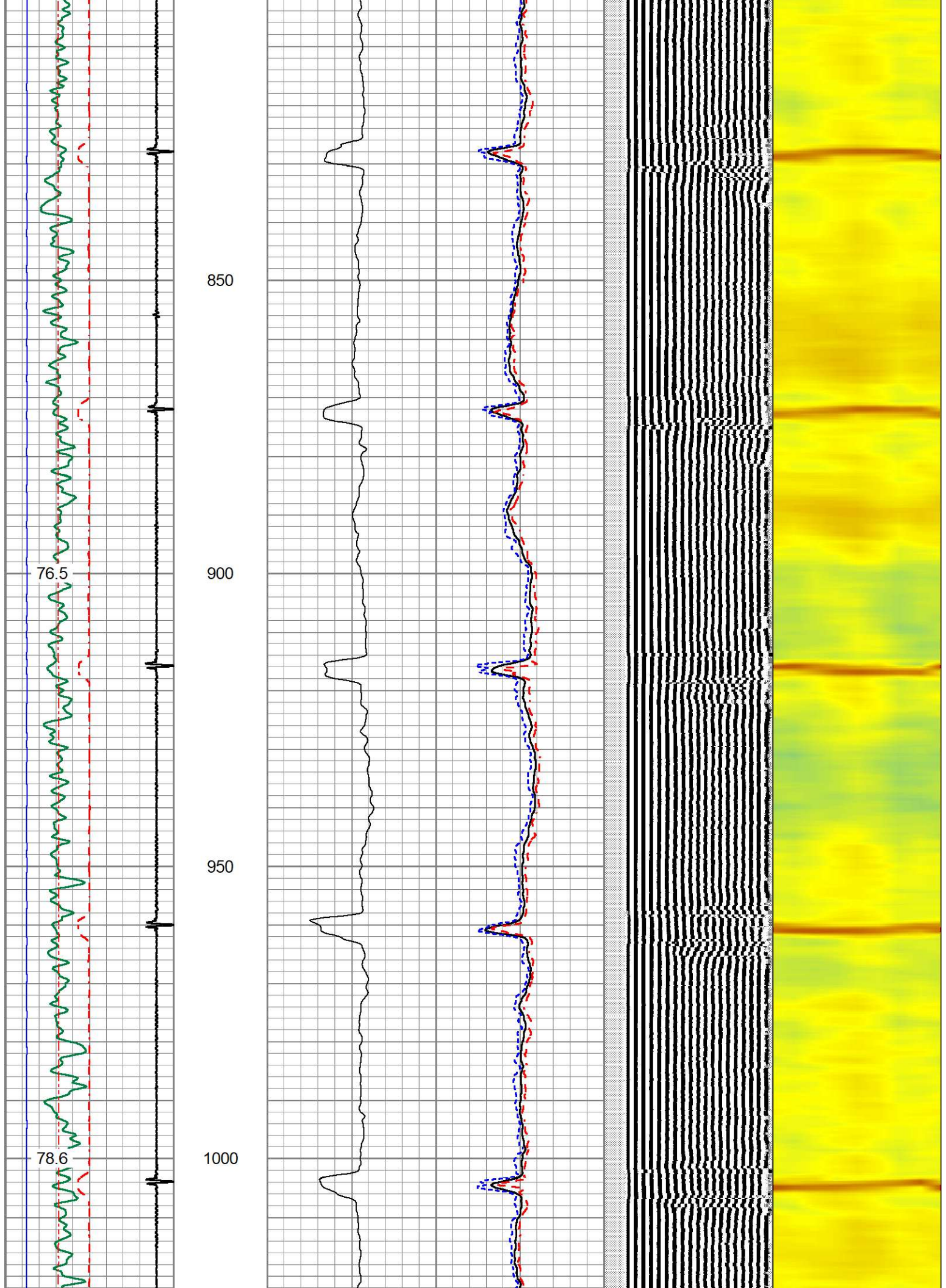
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0	GR (GAPI)	150	0	3FT X 5 (mV)	20	0	AMPMAX	100						
9	CCL	-1	0			0	AMPMIN	100						
	LSPD													
-100	(ft/min)	100												
0	LTEN (lb)	2000												
	TEMP													
	(degF)													

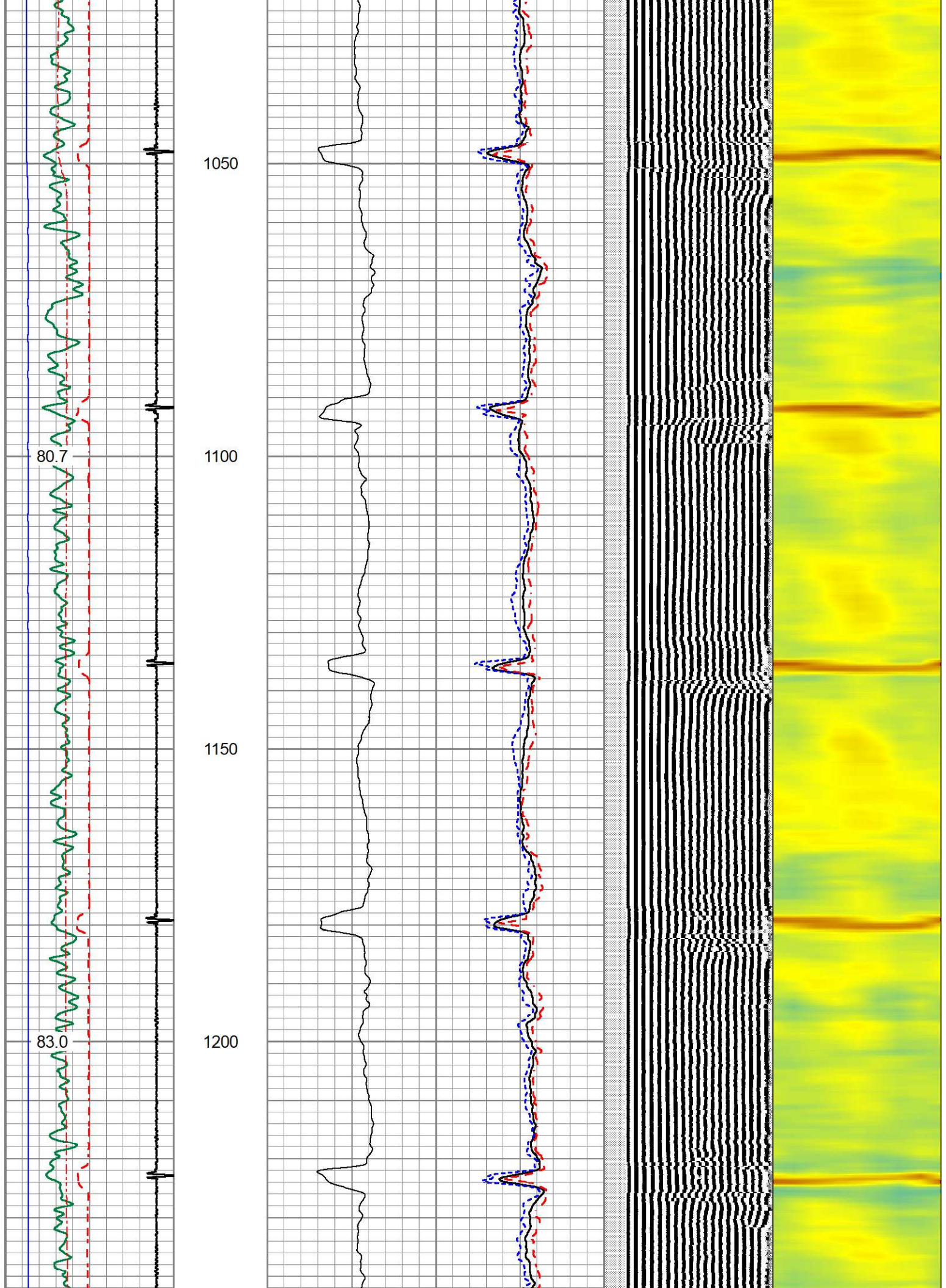


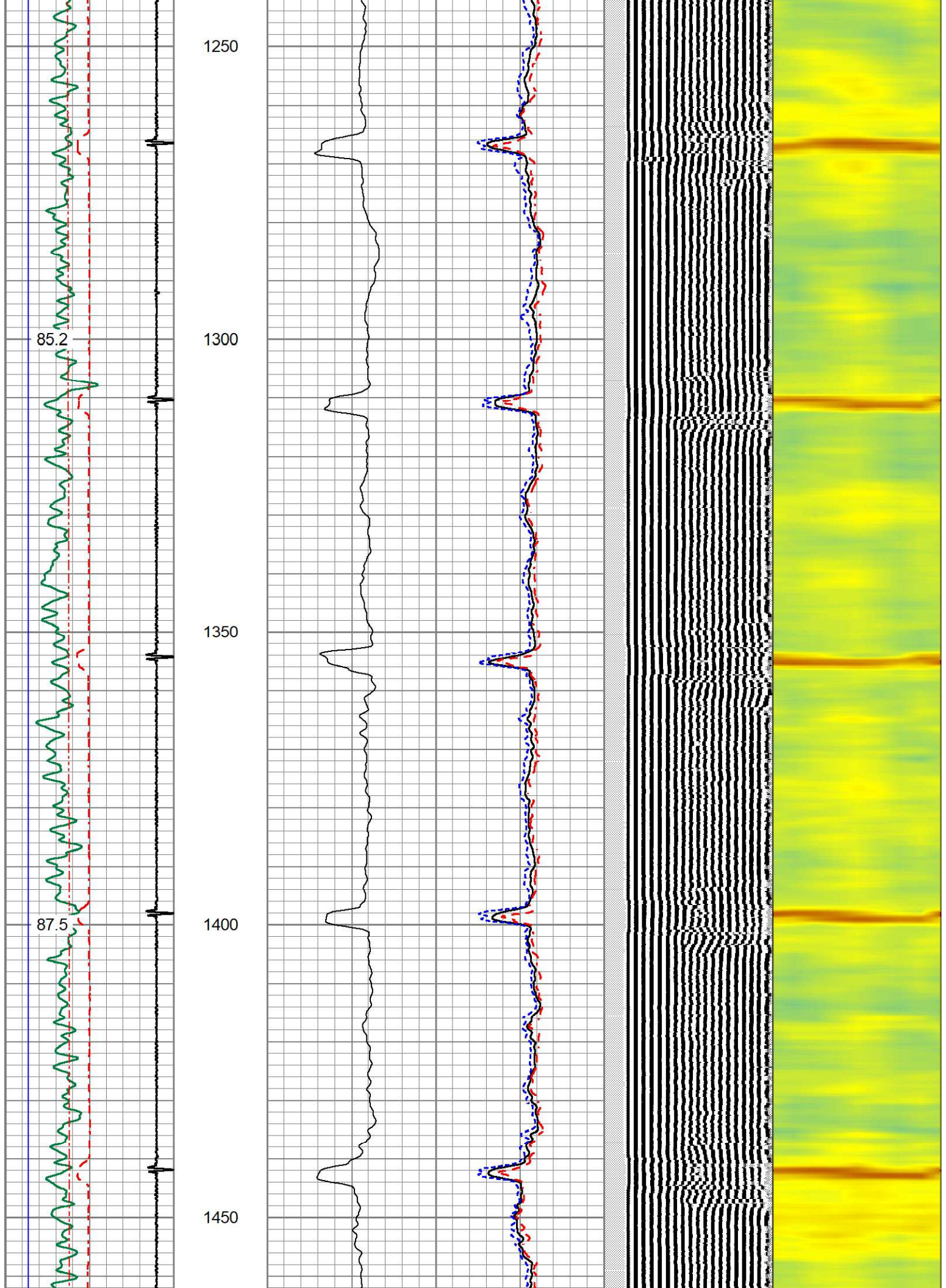


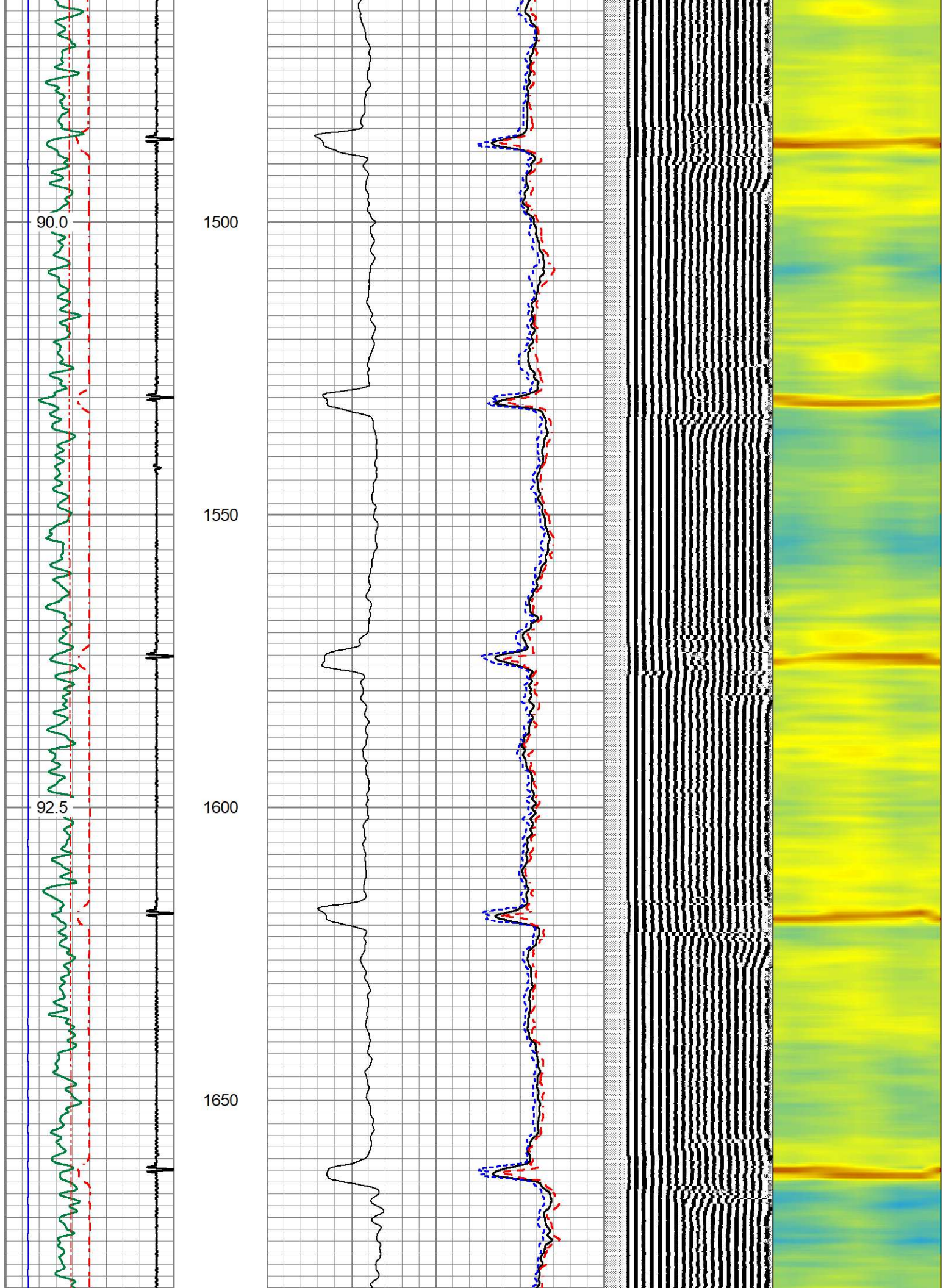


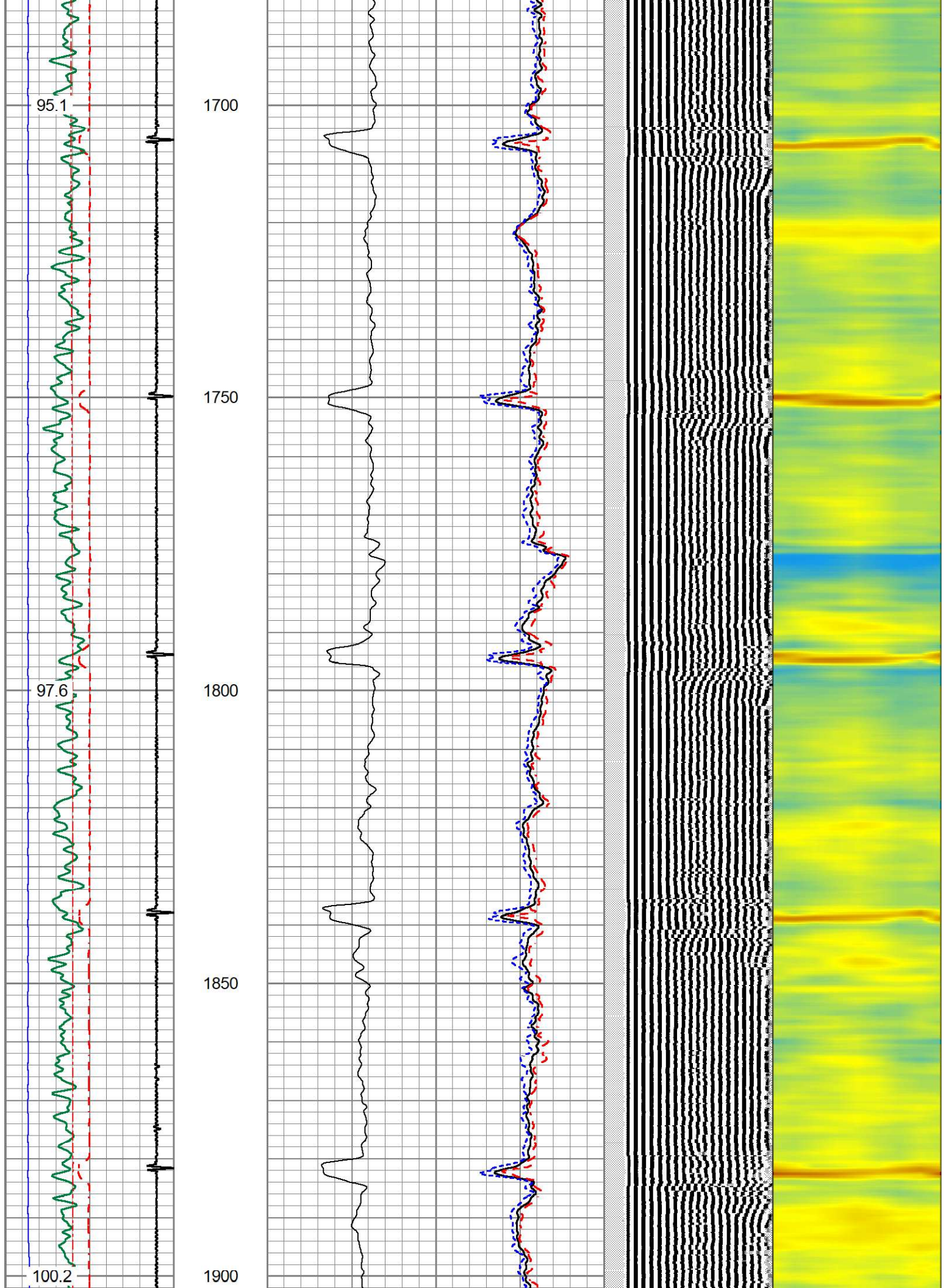


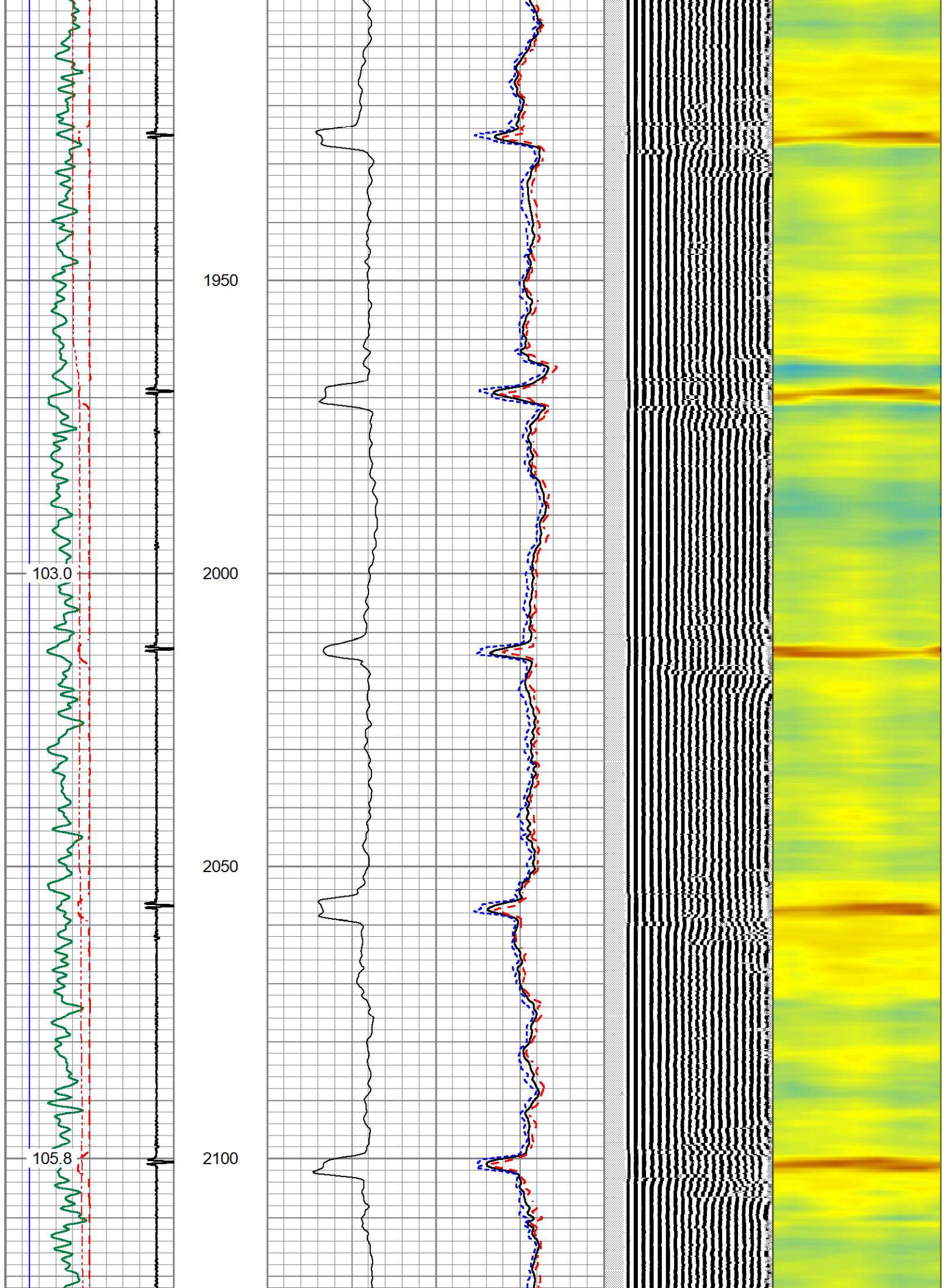


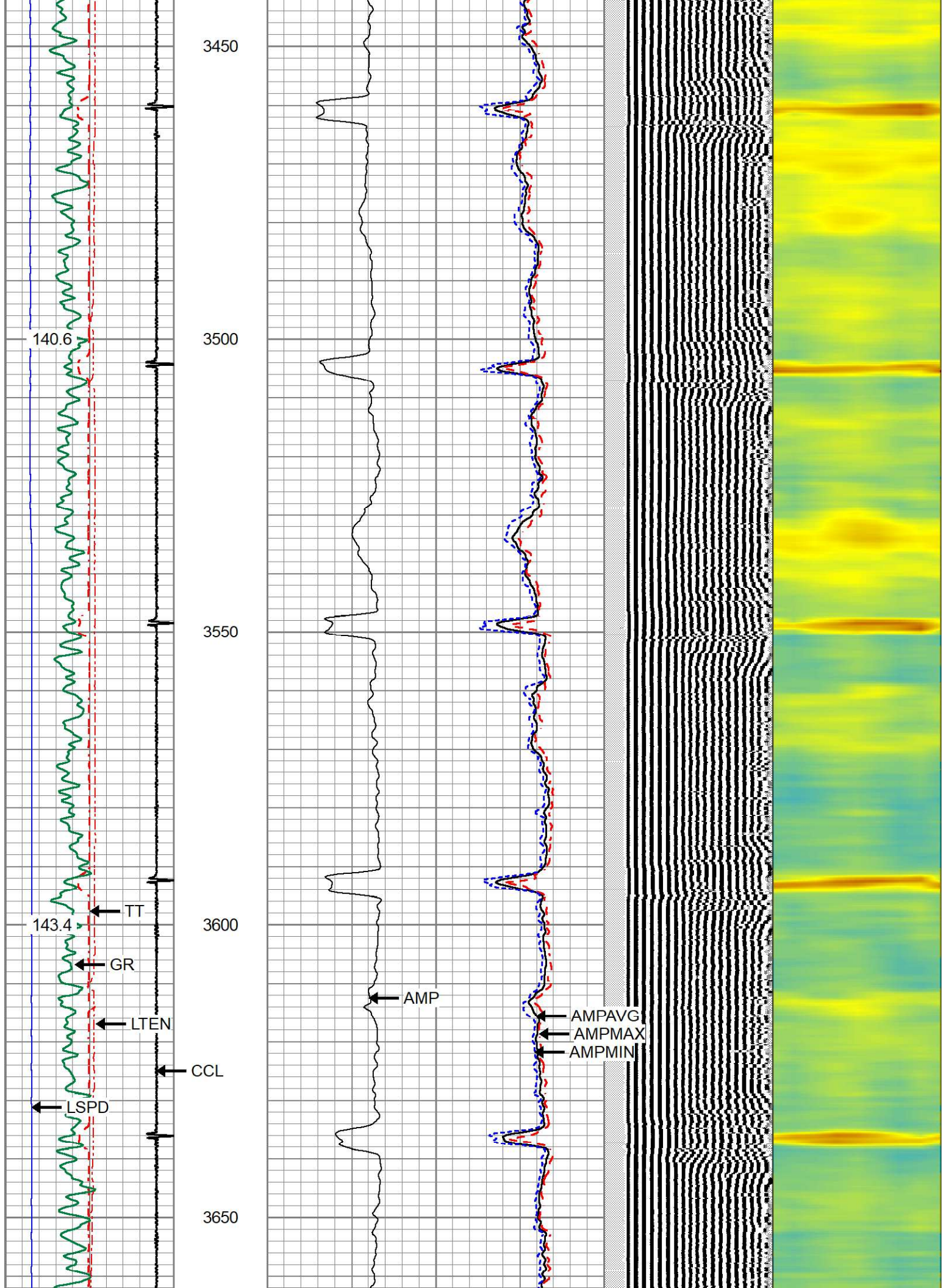


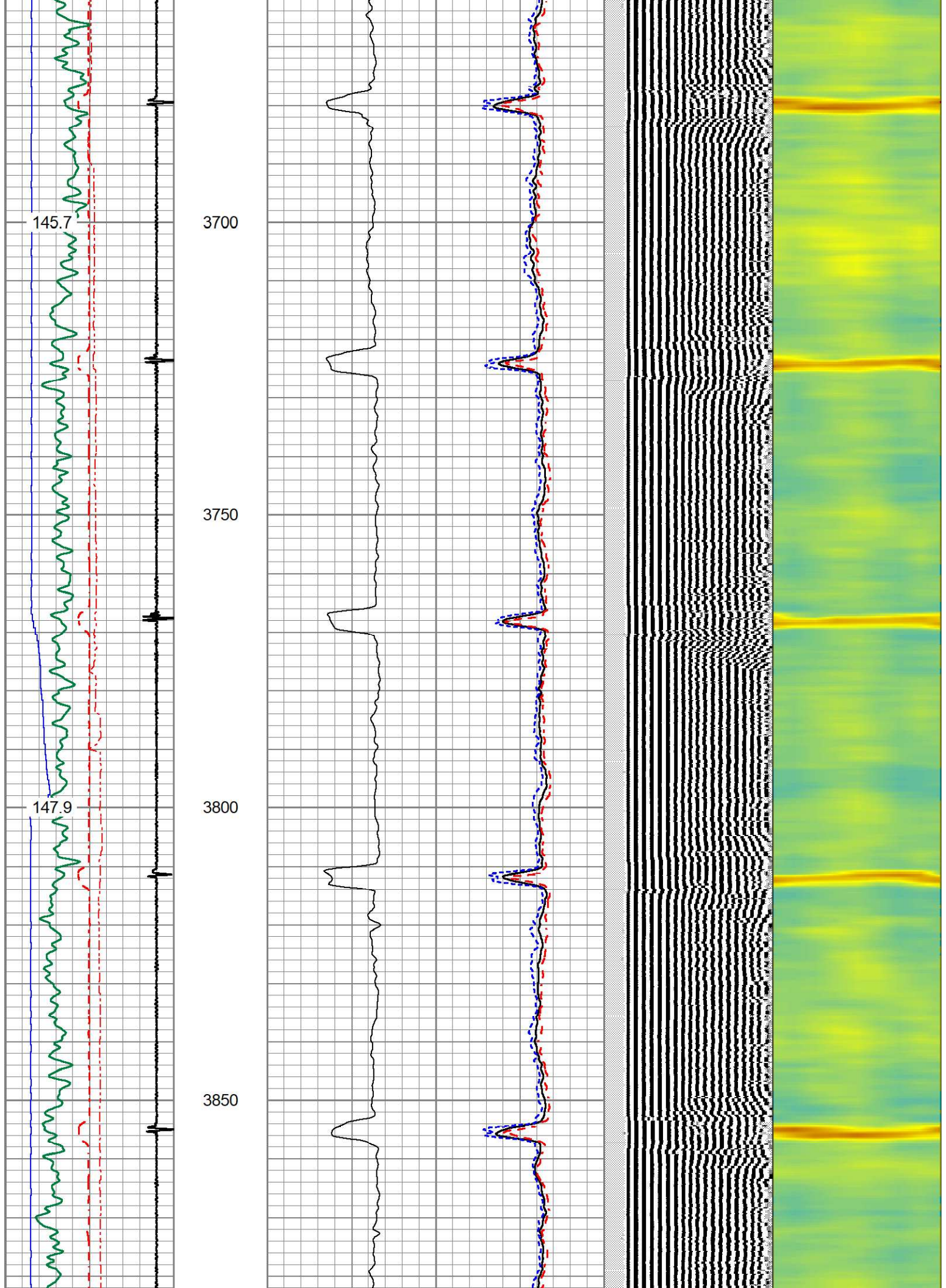


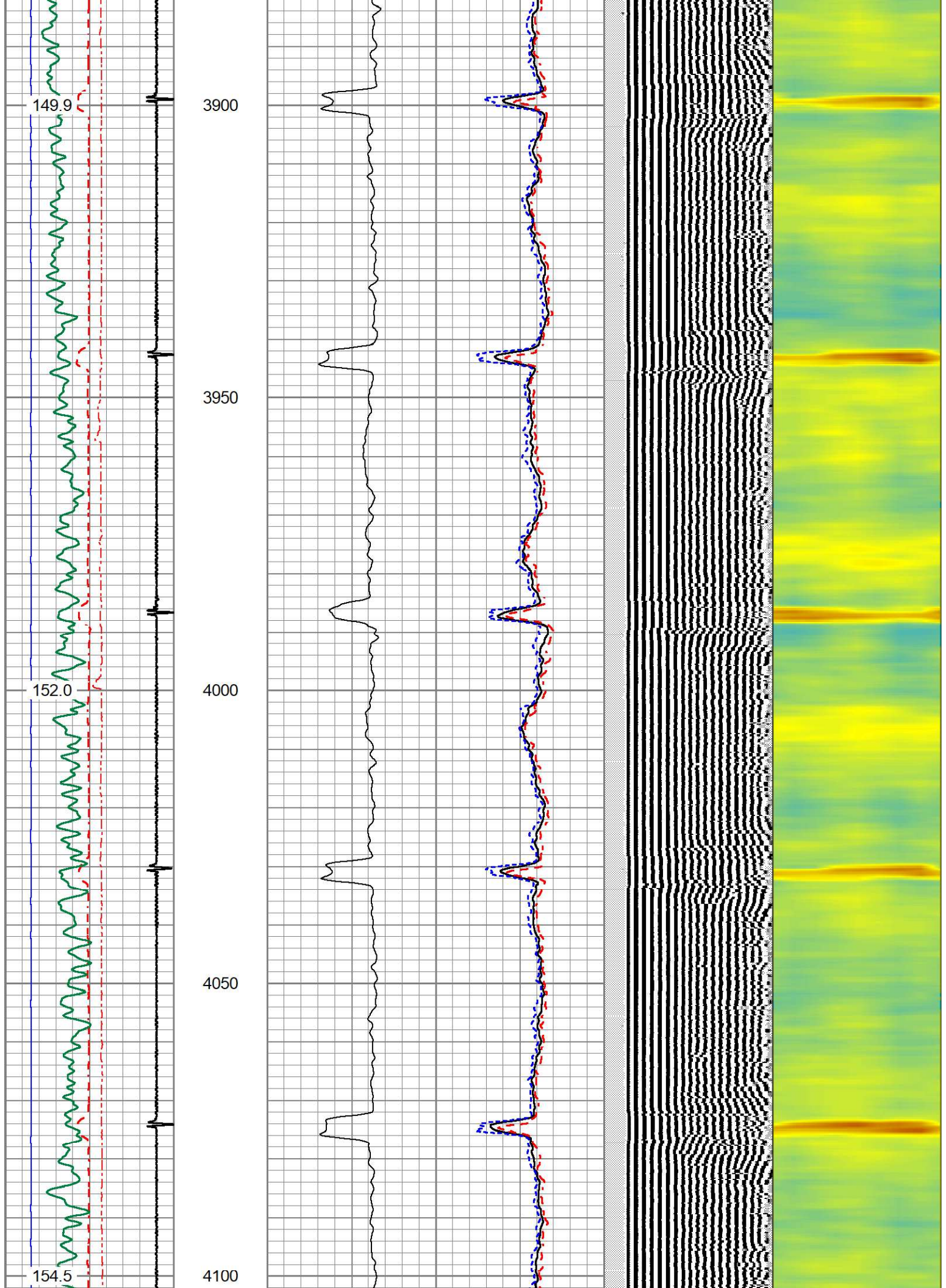


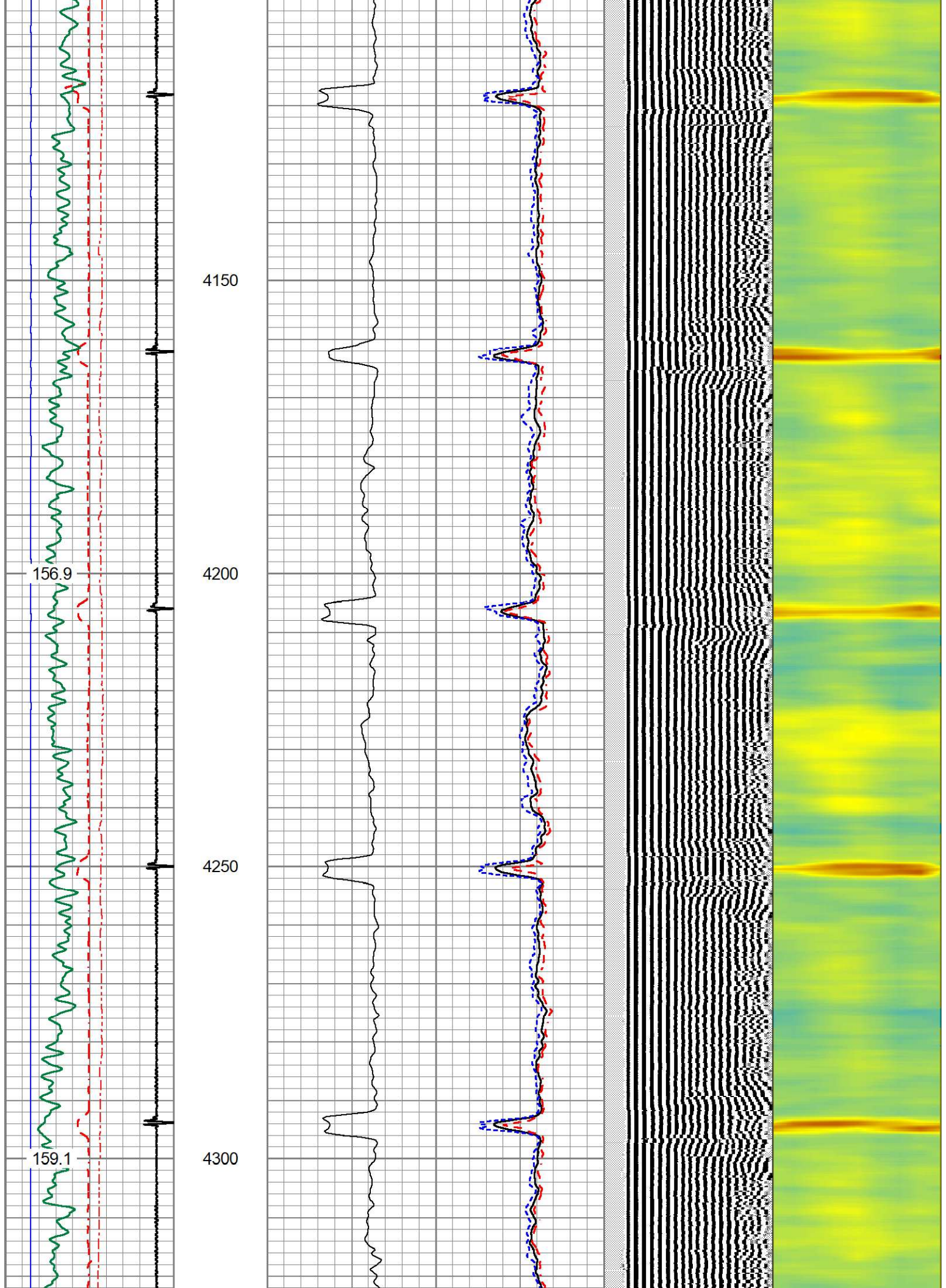


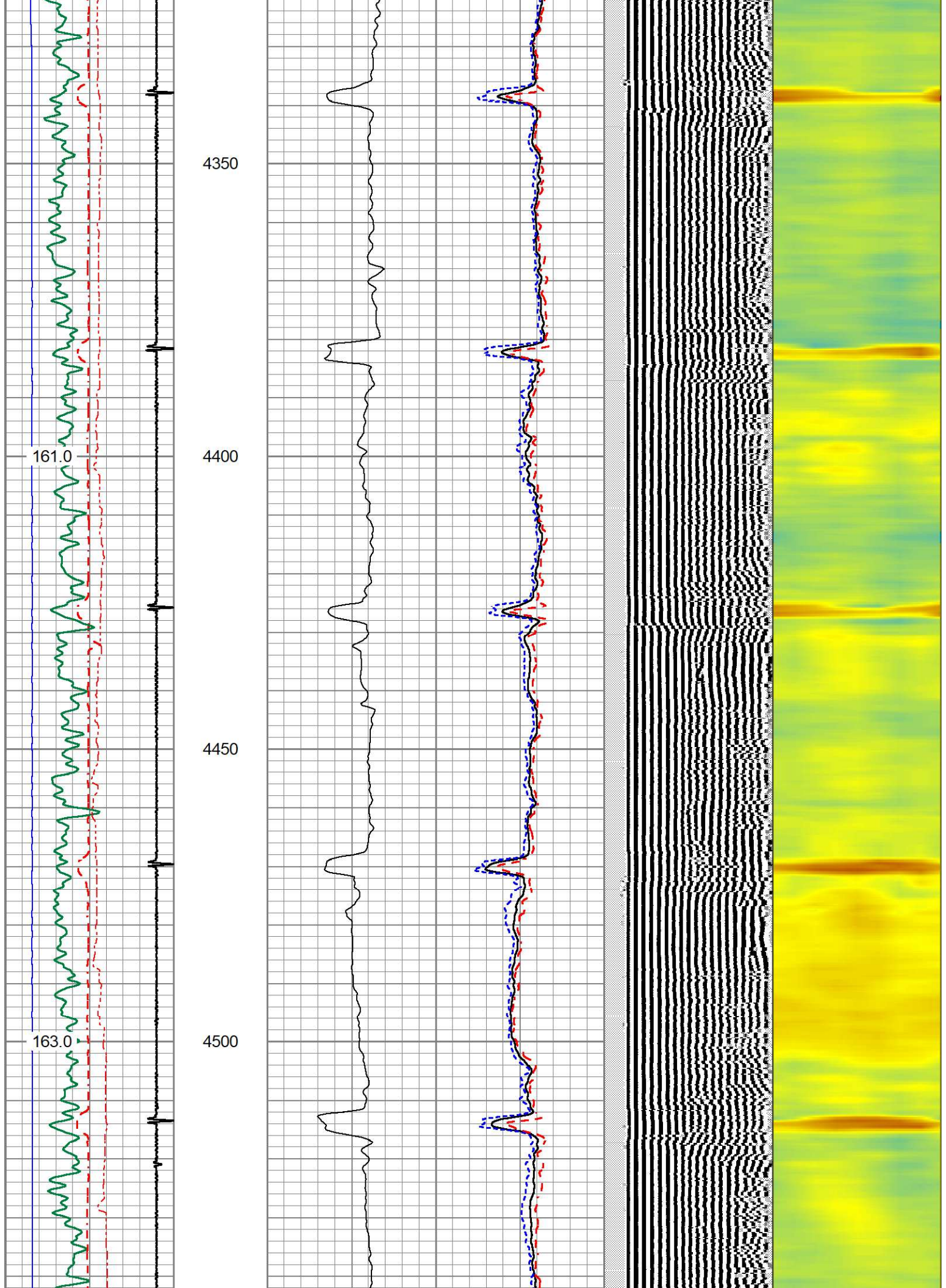


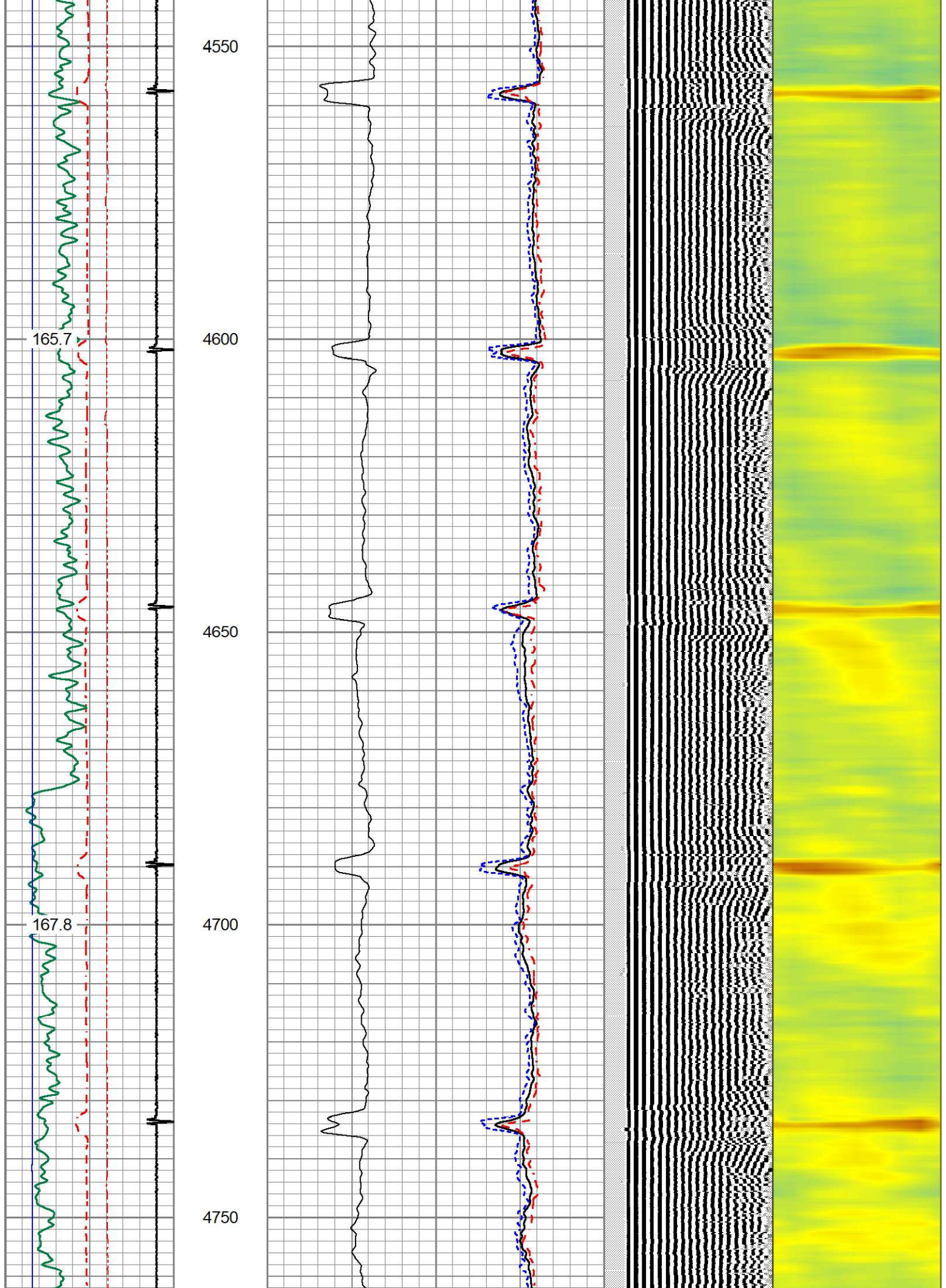


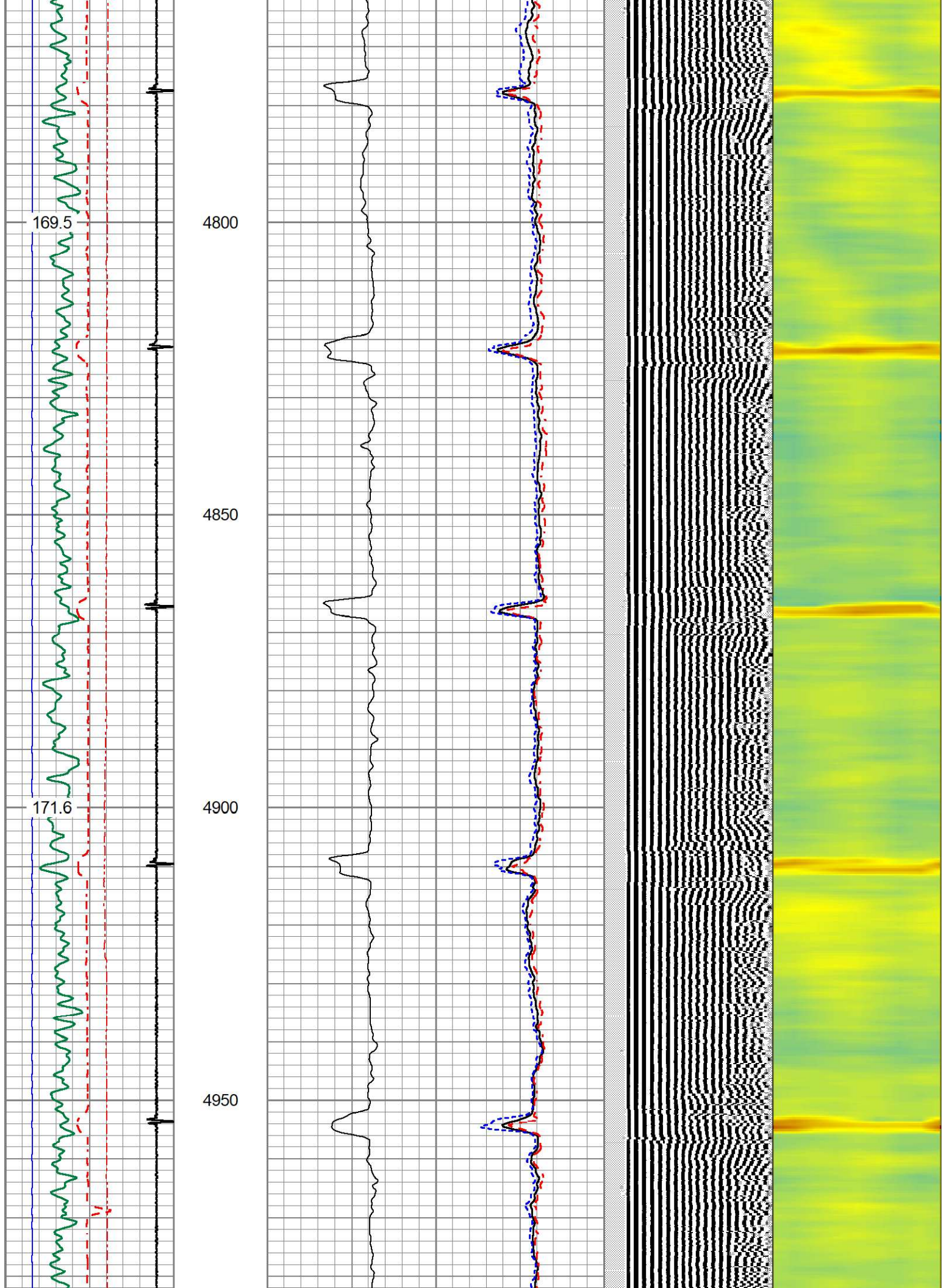


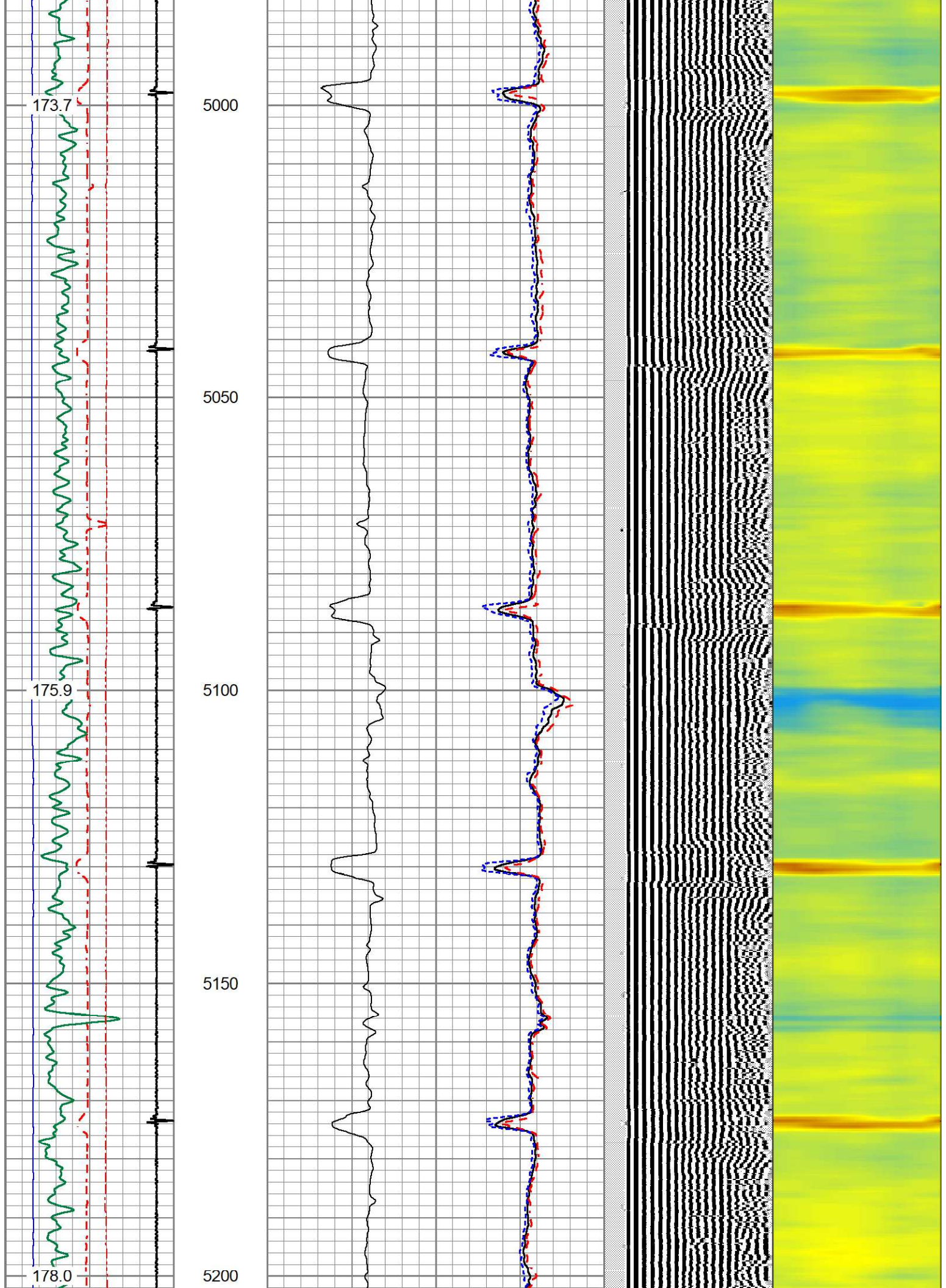


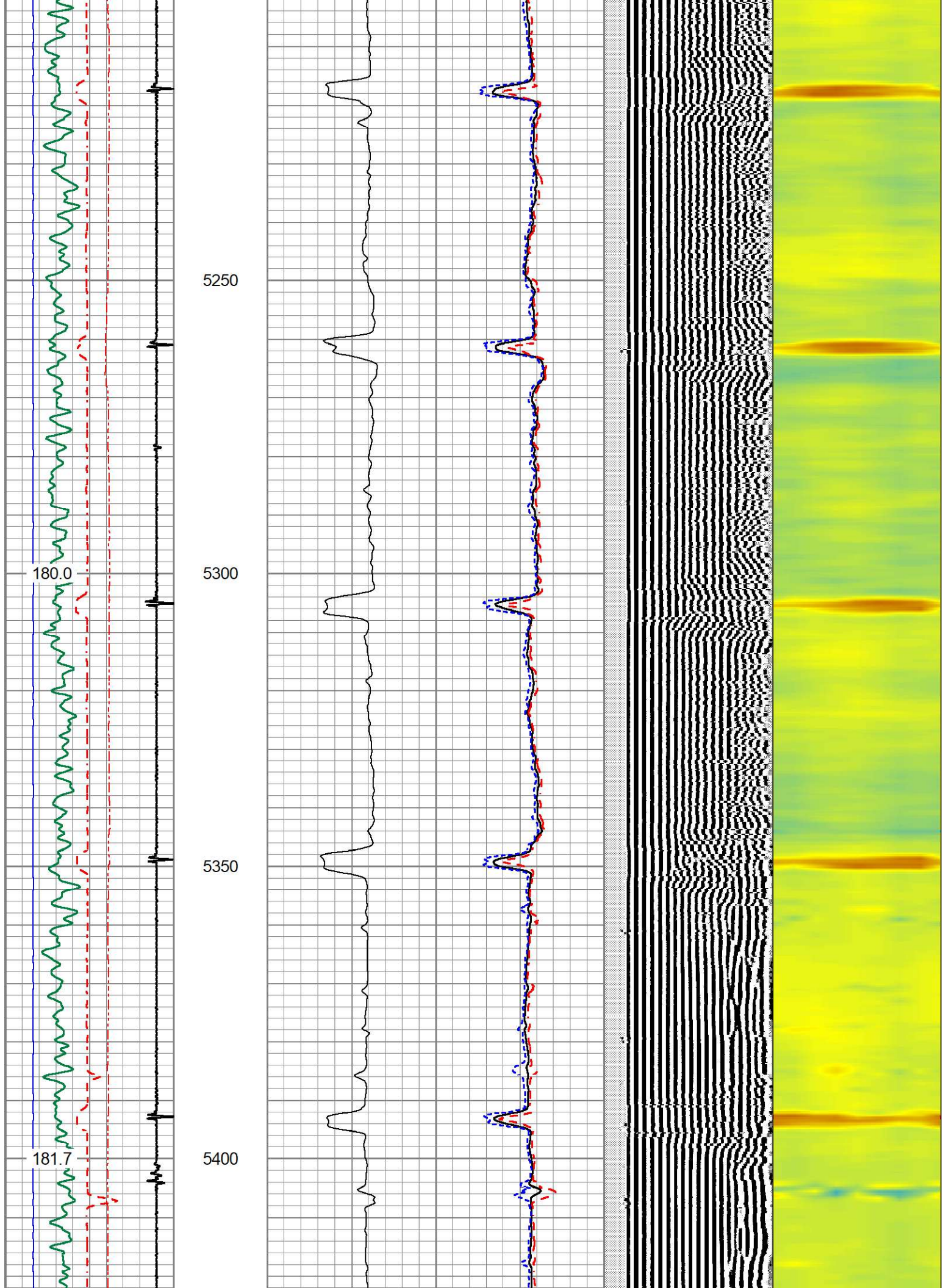


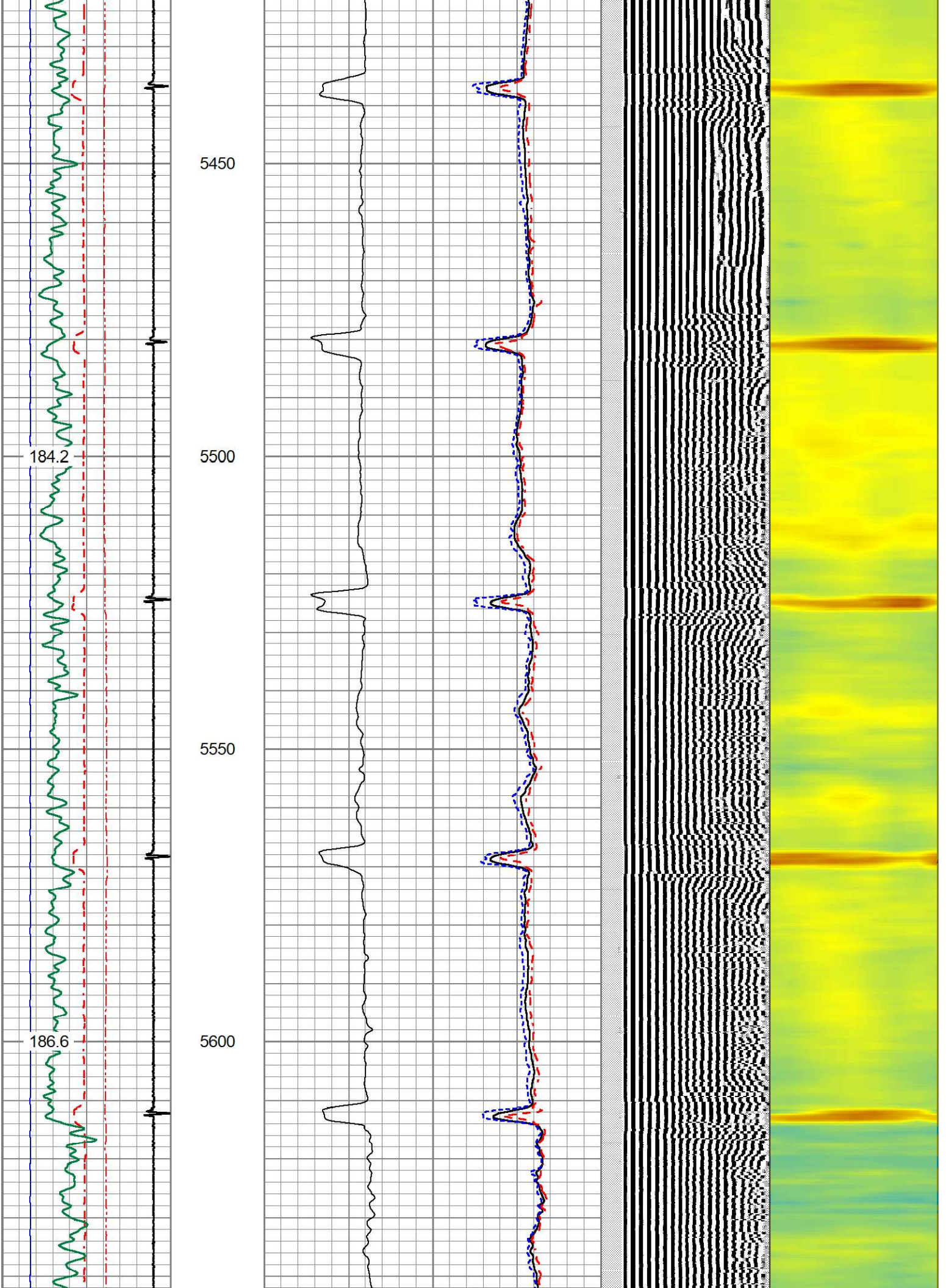


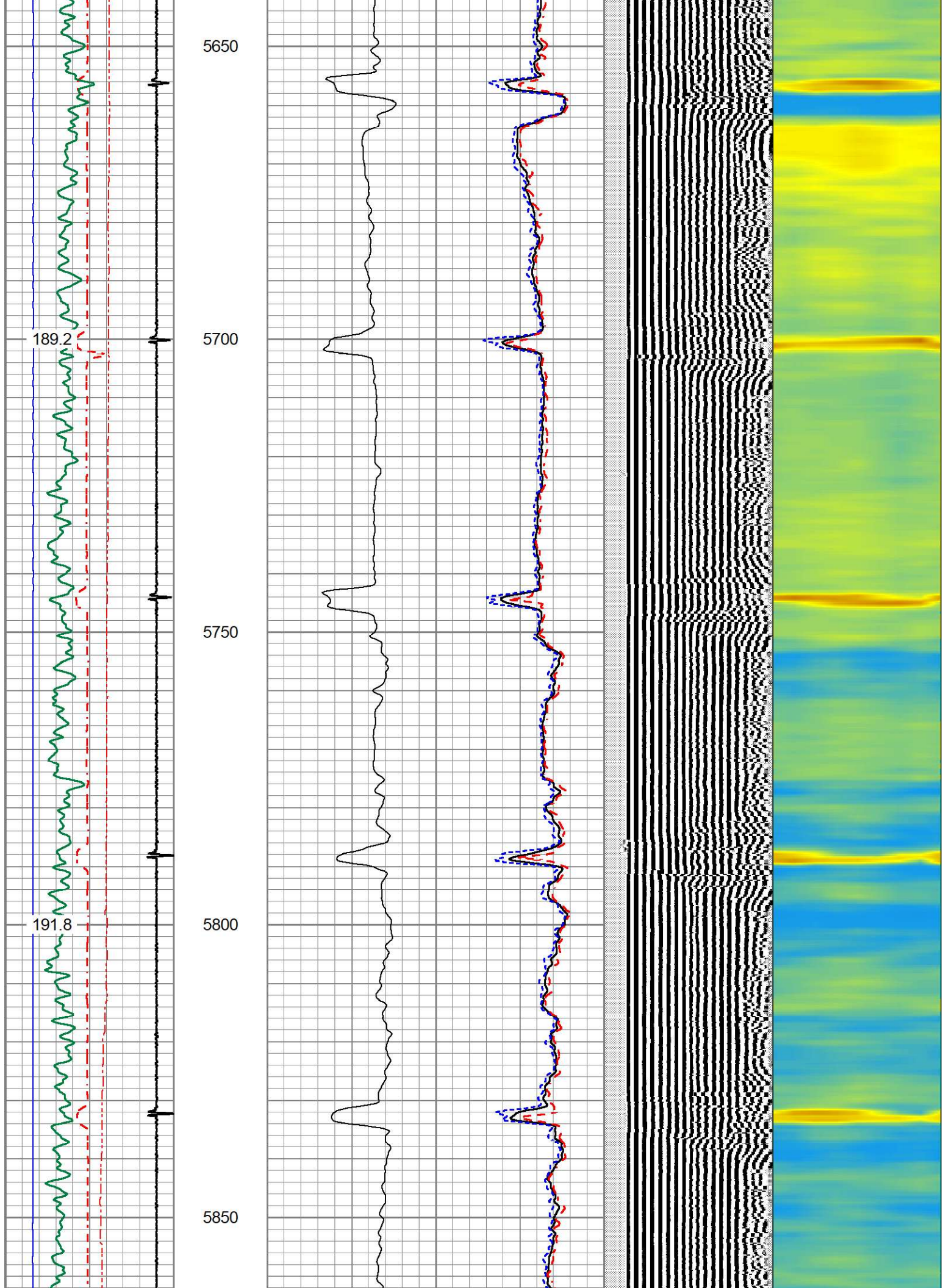


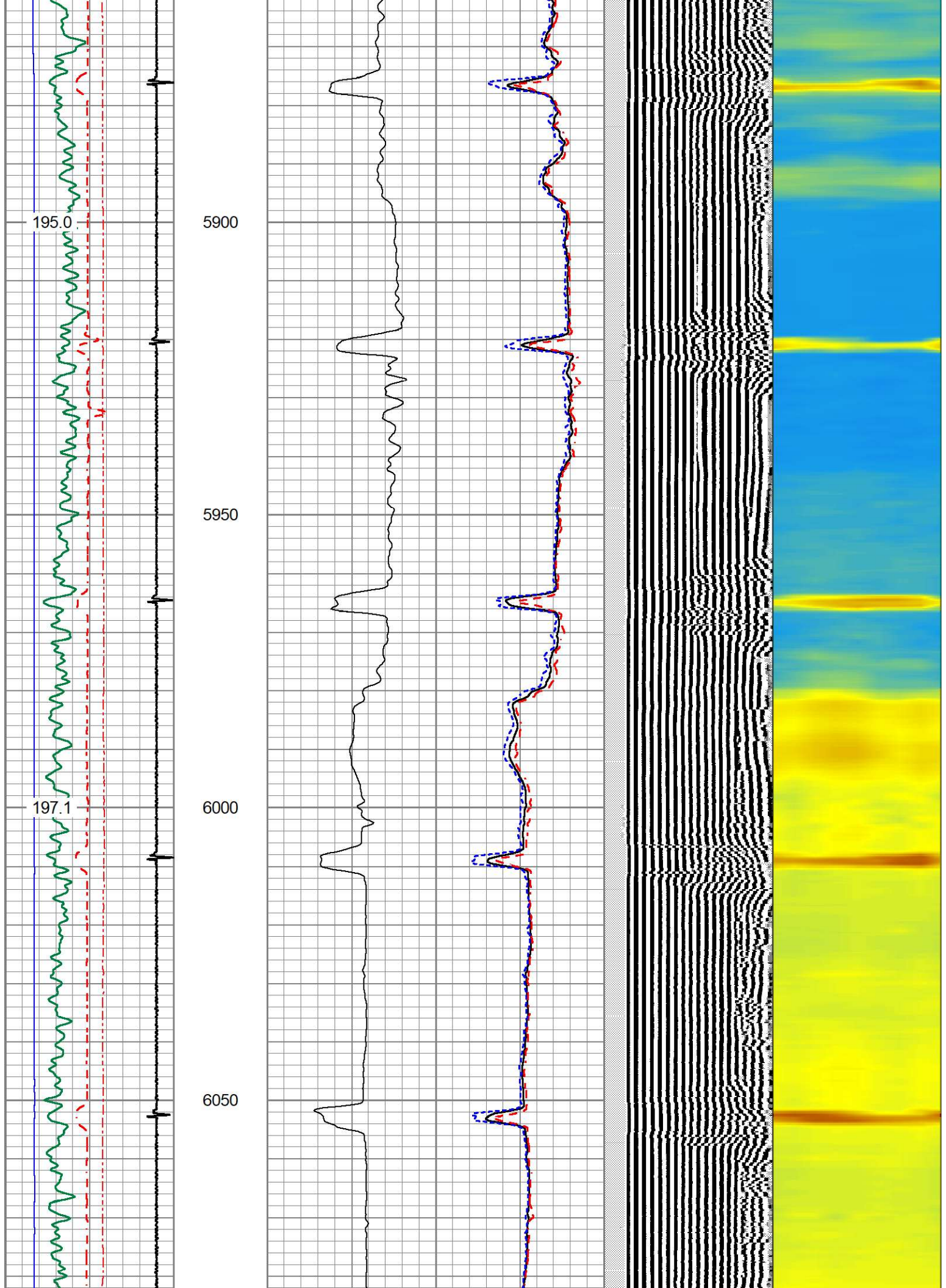


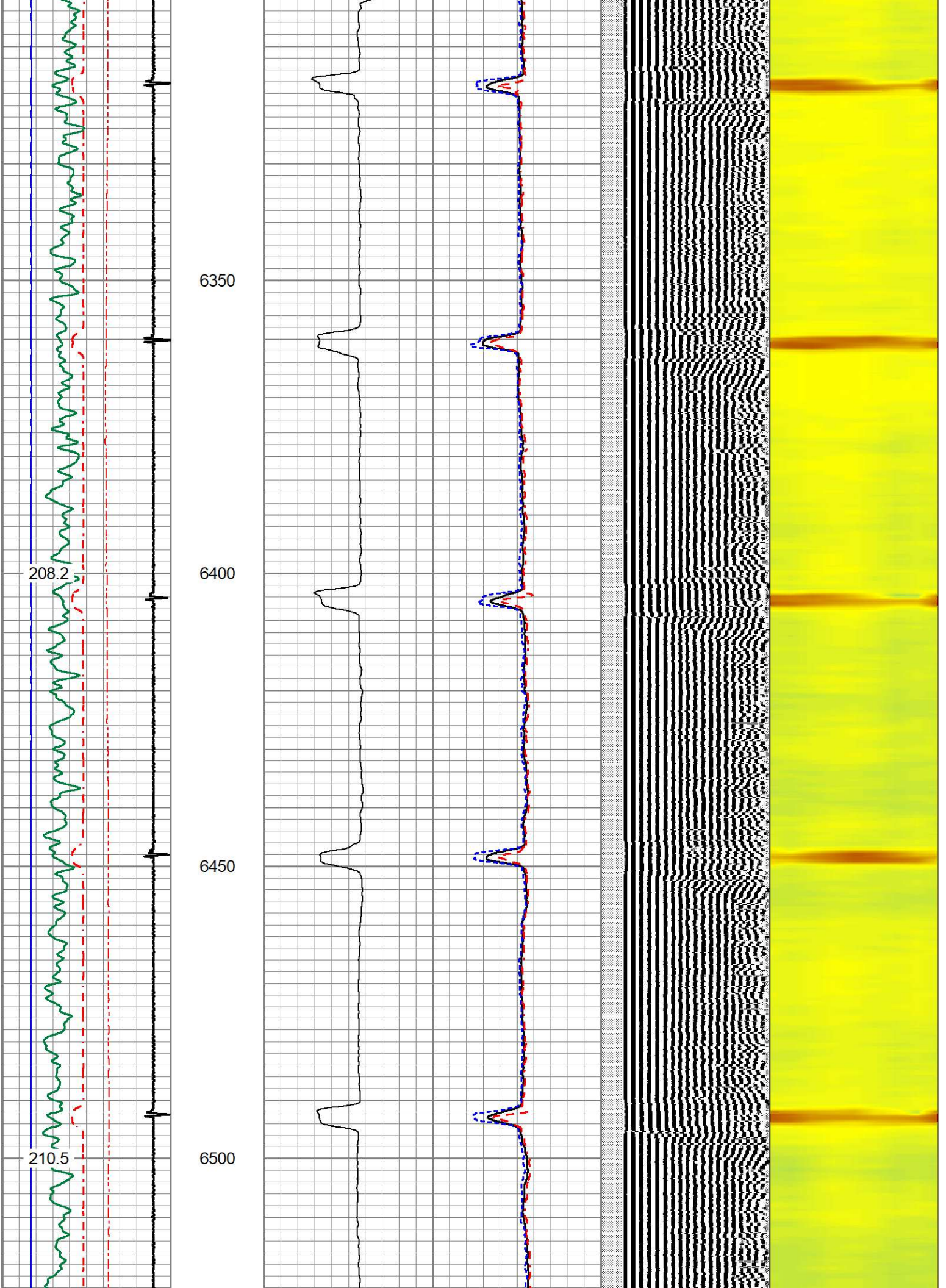


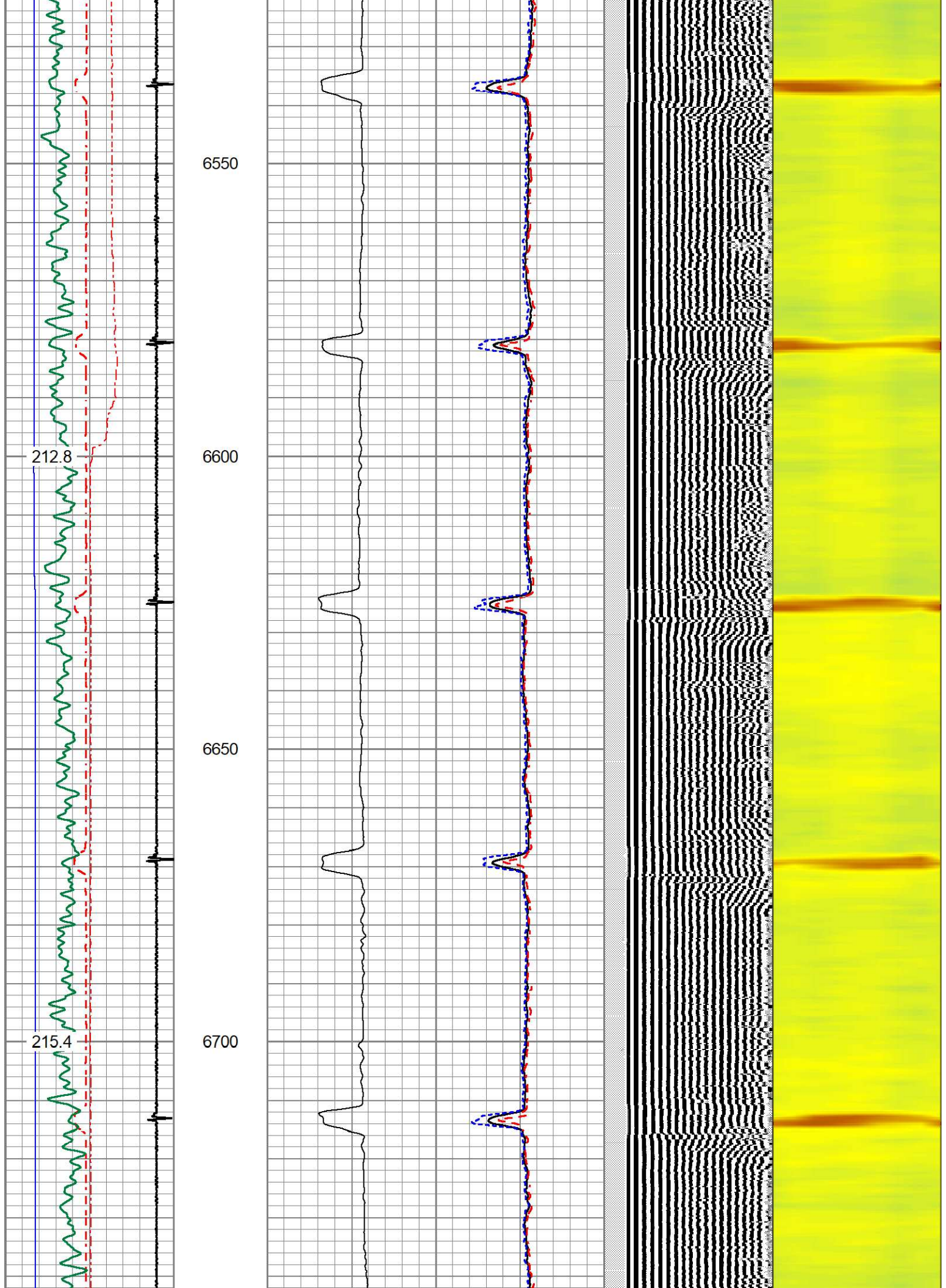


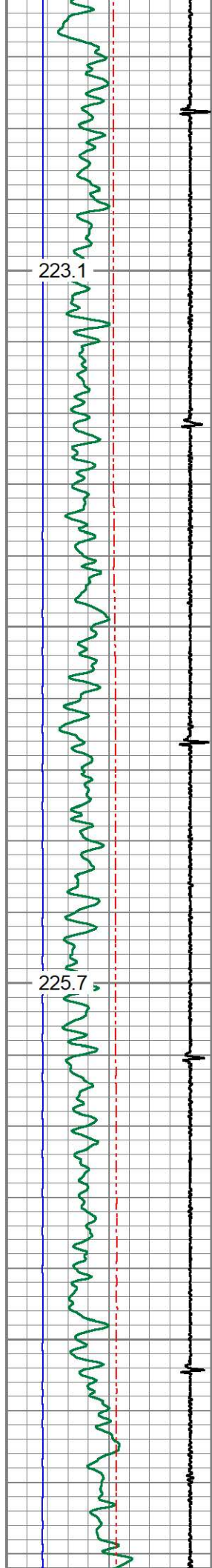




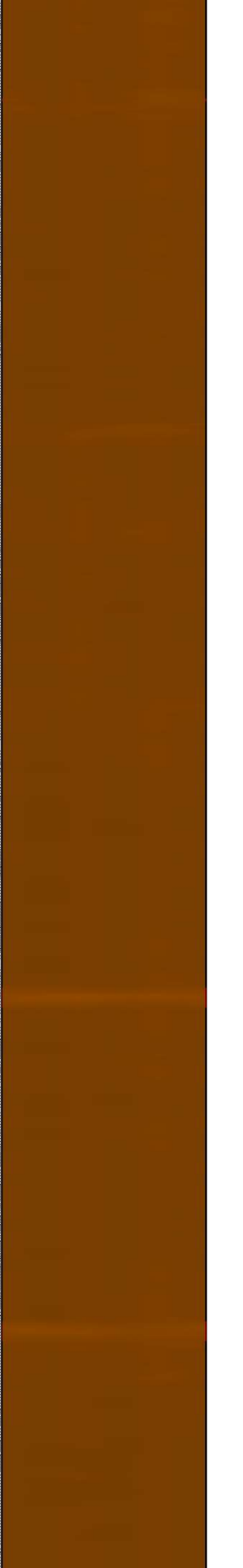
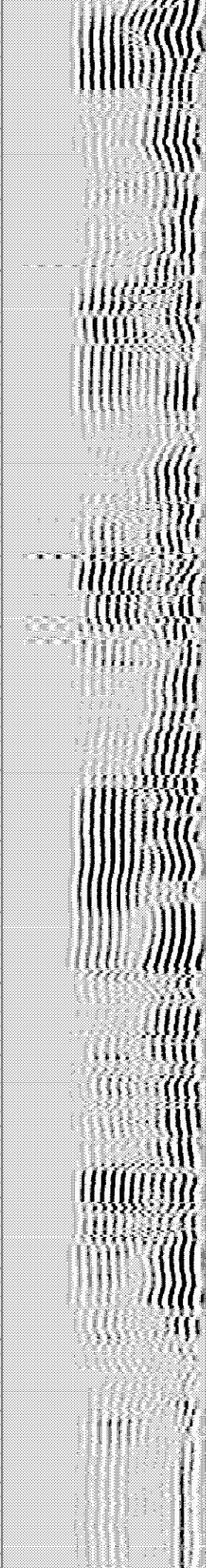
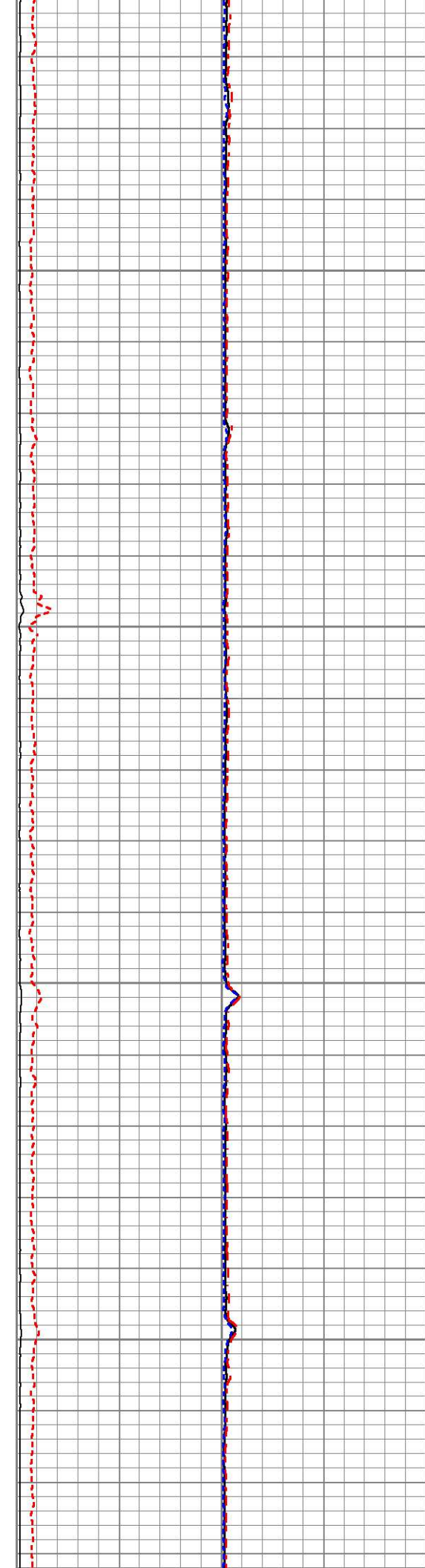


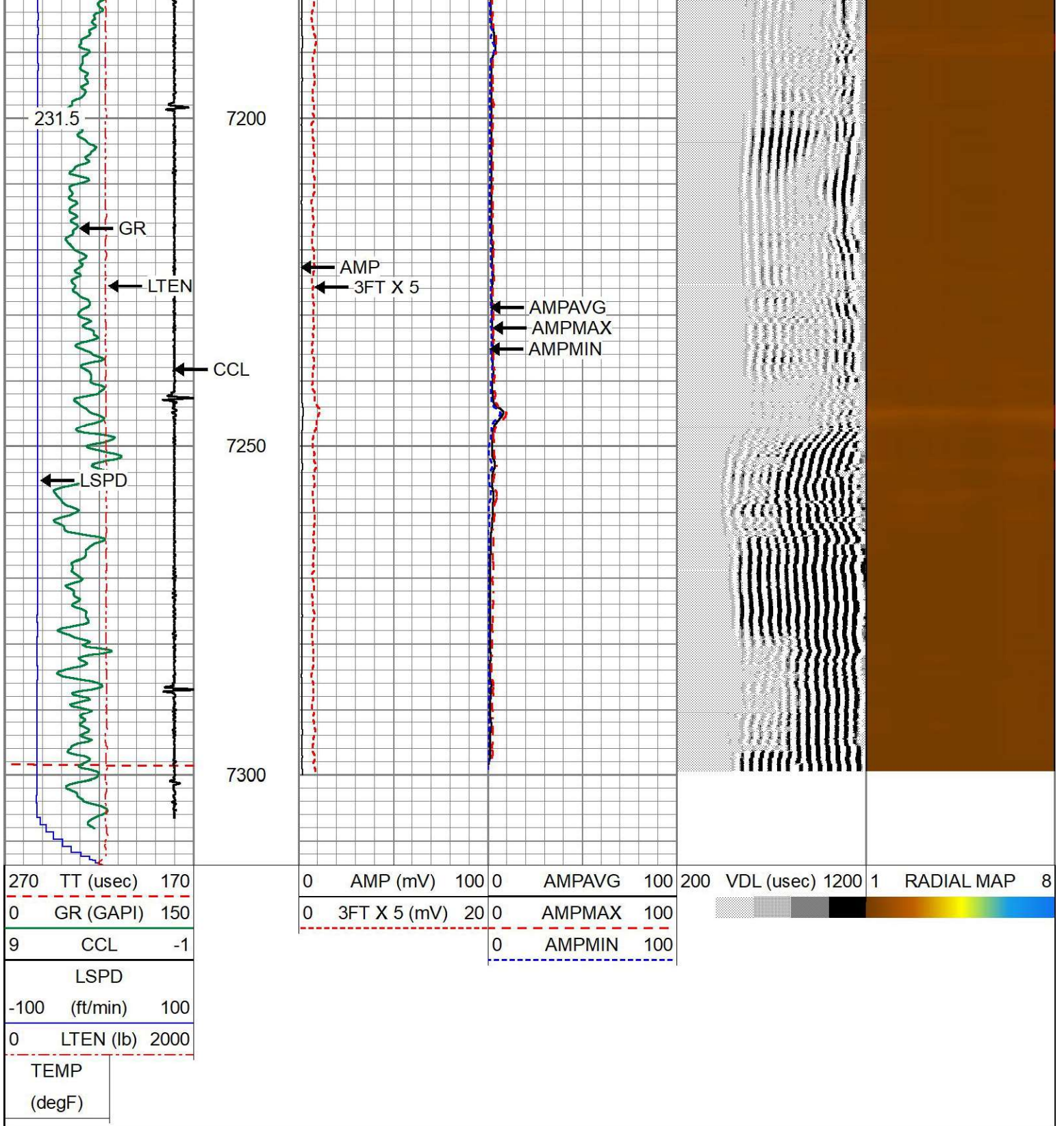






7000
7050
7100
7150





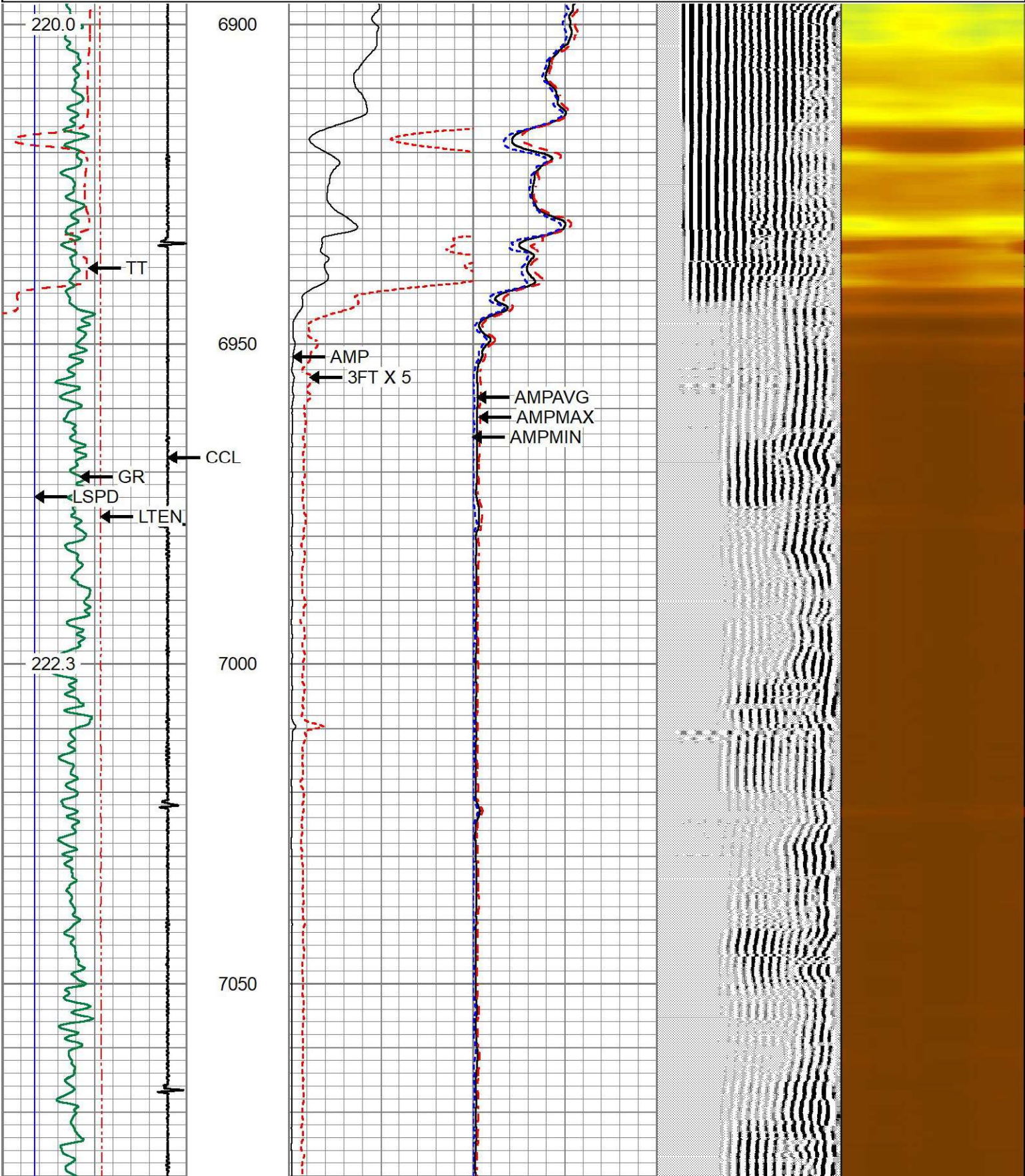
REPEAT PASS

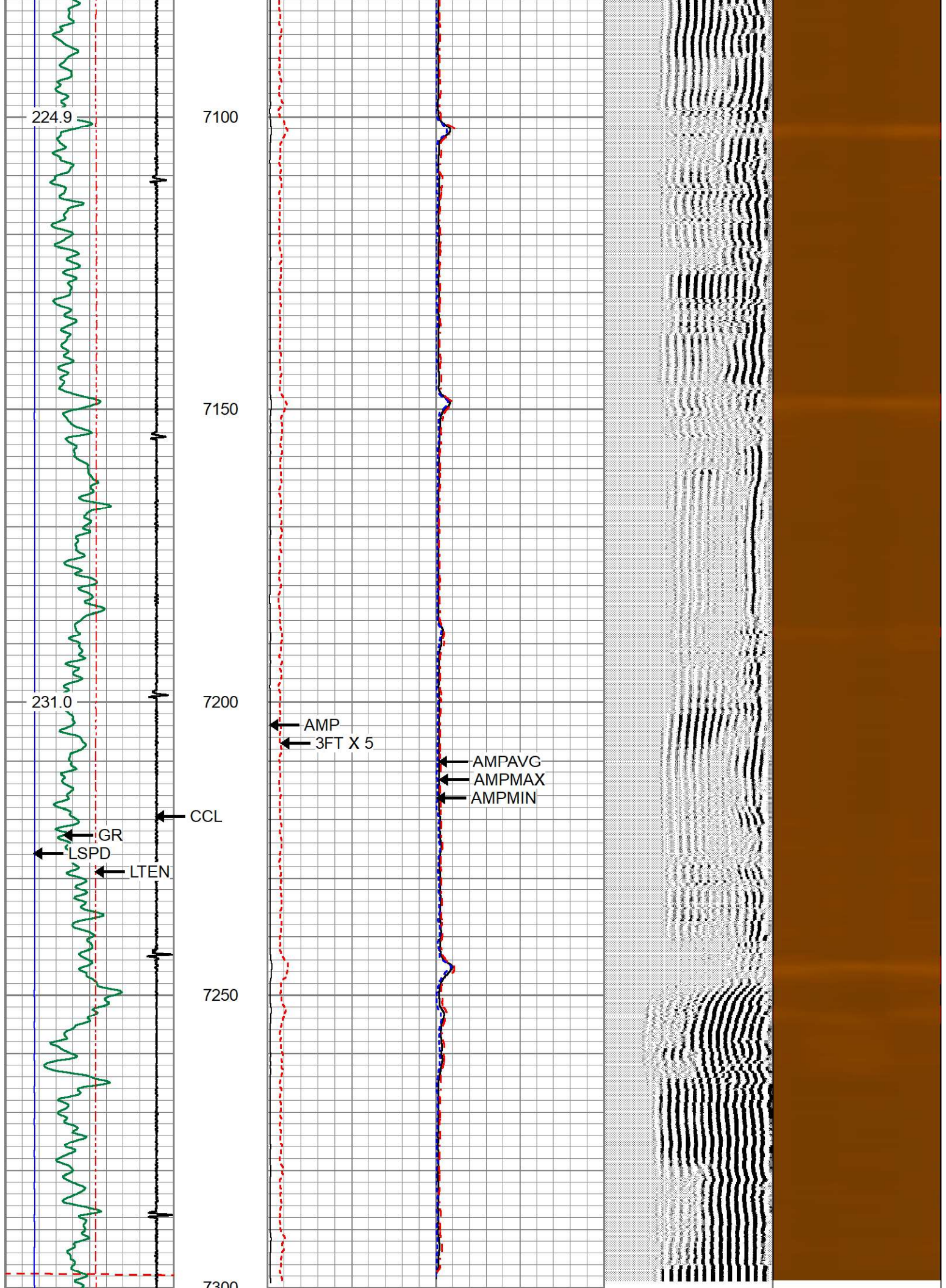
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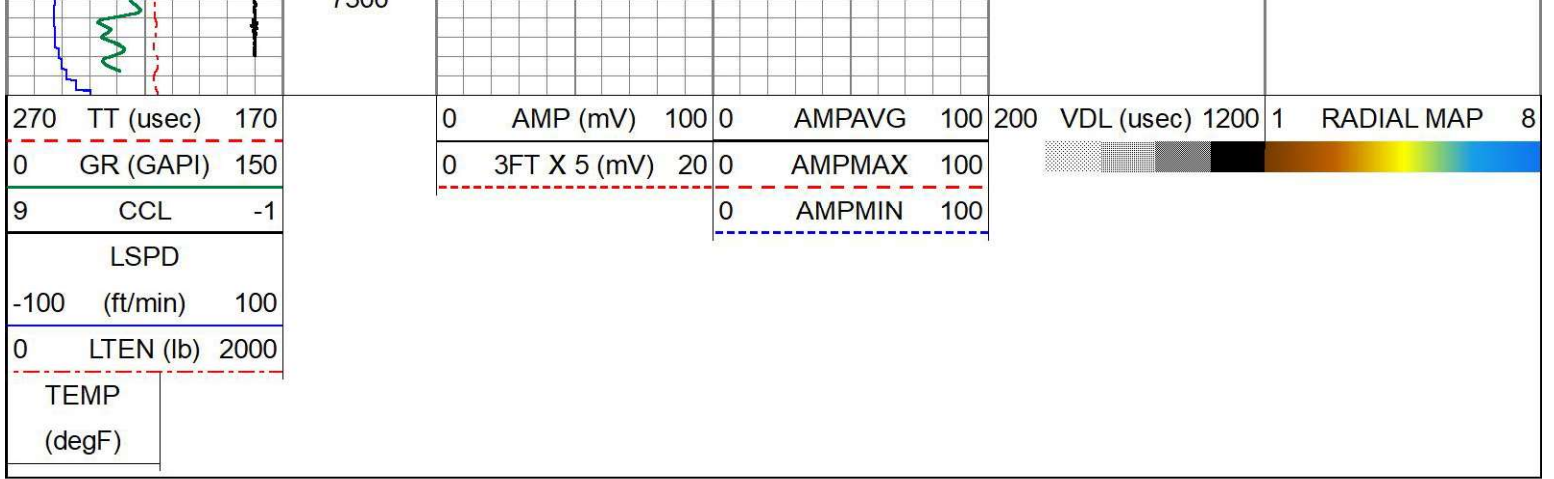
270	TT (usec)	170	0	AMP (mV)	100	0	AMPAVG	100	200	VDL (usec)	1200	1	RADIAL MAP	8
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0	GR (GAPI)	150
9	CCL	-1
LSPD		
-100	(ft/min)	100
0	LTEN (lb)	2000
TEMP		
(degF)		

0	3FT X 5 (mV)	20	0	AMPMAX	100
0			0	AMPMIN	100







Calibration Report

Database File anadarko_mccarty mb 34-3_0501306431_20211216_scbl.db
 Dataset Pathname pass10
 Dataset Creation Thu Dec 16 11:09:38 2021

Gamma Ray Calibration Report

Serial Number: 0111
 Tool Model: Tek-Co 2 3/4
 Performed: Thu Oct 7 08:31:10 2021

Calibrator Value: 0.7 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.6700 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: IBUCO04
 Tool Model: 275 Temp JS

Calibration Casing Diameter: 4.500 in
 Calibration Depth: 5954.912 ft

Master Calibration, performed Thu Dec 16 10:49:29 2021:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.006	1.789	1.500	81.196	44.392	1.768
CAL	-0.006	1.037				
5'	-0.006	2.341	1.500	81.196	33.964	1.688
SUM						
S1	-0.006	2.075	0.000	81.000	38.926	0.228
S2	-0.006	2.128	0.000	81.000	37.962	0.222
S3	-0.006	2.114	0.000	81.000	38.202	0.222
S4	-0.006	1.936	0.000	81.000	41.702	0.253
S5	-0.006	1.852	0.000	81.000	43.605	0.251
S6	-0.006	1.852	0.000	81.000	43.605	0.258
S7	-0.006	2.006	0.000	81.000	40.256	0.233
S8	-0.006	2.028	0.000	81.000	39.827	0.233

Internal Reference Calibration, performed (Not Performed):

Raw (v)	Calibrated (v)	Results
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	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.006	1.037	1.000	0.000

Air Zero Calibration, performed Wed Jan 11 14:45:22 2017:

	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

Temperature Calibration Report

Serial Number: IBUCO04
 Tool Model: 275 Temp JS
 Performed: Thu Jan 5 17:25:52 2017

	Reference	Reading
Low Reference:	0.00 degF	0.00 usec
High Reference:	1.00 degF	1.00 usec

Gain: 0.33
 Offset: 0.00
 Delta Spacing: 1



Company	KERR-McGEE OIL & GAS ONSHORE, L. P.		
Well	MCCARTY MB 34-3		
Field	WATTENBERG		
County	BOULDER		
State	COLORADO	Country	USA