

CEMENT EVALUATION LOG  
RADIi SECTOR TOOL  
FINAL PRINT

Company McElvain Oil & Gas Properties, Inc.  
Well Bullseye #11  
Field Pictured Cliffs  
County La Plata  
State Colorado

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Field Pictured Cliffs  
County La Plata State Colorado

Location: API #: 05-067-09885  
SEC 20 TWP 33N RGE 08W  
Permanent Datum GL  
Log Measured From RKB 11'  
Drilling Measured From RIG KELLY BUSHING  
Other Services  
Elevation  
K.B. 7149'  
D.F. 7148'  
G.L. 7138'

Date	May-8-2012
Run Number	ONE
Depth Driller	4108
Depth Logger	4034'
Bottom Logged Interval	4034'
Top Log Interval	2260'
Open Hole Size	7-5/8"
Type Fluid	H2O
Density / Viscosity	
Max. Recorded Temp.	
Estimated Cement Top	
Time Well Ready	08:30
Time Logger on Bottom	11:00
Equipment Number	D-7 SDS GSUN
Location	Farmington NM
Recorded By	B. McKee
Witnessed By	MR. Mark Wolfe

Borehole record				Tubing record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"	24# K-55	Surface	820'
Prot. String				
Production String	5 1/2"	15.5# J-55	Surface	4108'
Liner				
Marker Joint	3555'-3579'	3736'-3758'		

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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

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)

Tool Name	Length (ft)	Weight (lb)	Tool Description	Length (ft)	Weight (lb)	Tool Description
CENT-Probe (PTS_MONO)	2.88	2.75	35.00			
WVFS3FT	11.72					
WVFCAL	11.72					
WVFS1	11.72					
WVFS2	11.72					
WVFS3	11.72					
WVFS4	11.72					
WVFS5	11.72					
WVFS6	11.72					
WVFS7	11.72					
WVFS8	11.72					
WVFS5FT	10.63					
CCL	6.55					
GR	4.88					
GR-Probe (060719)	4.50	2.75	30.00			
CENT-Probe (PT_MONO2)	2.88	2.75	35.00			

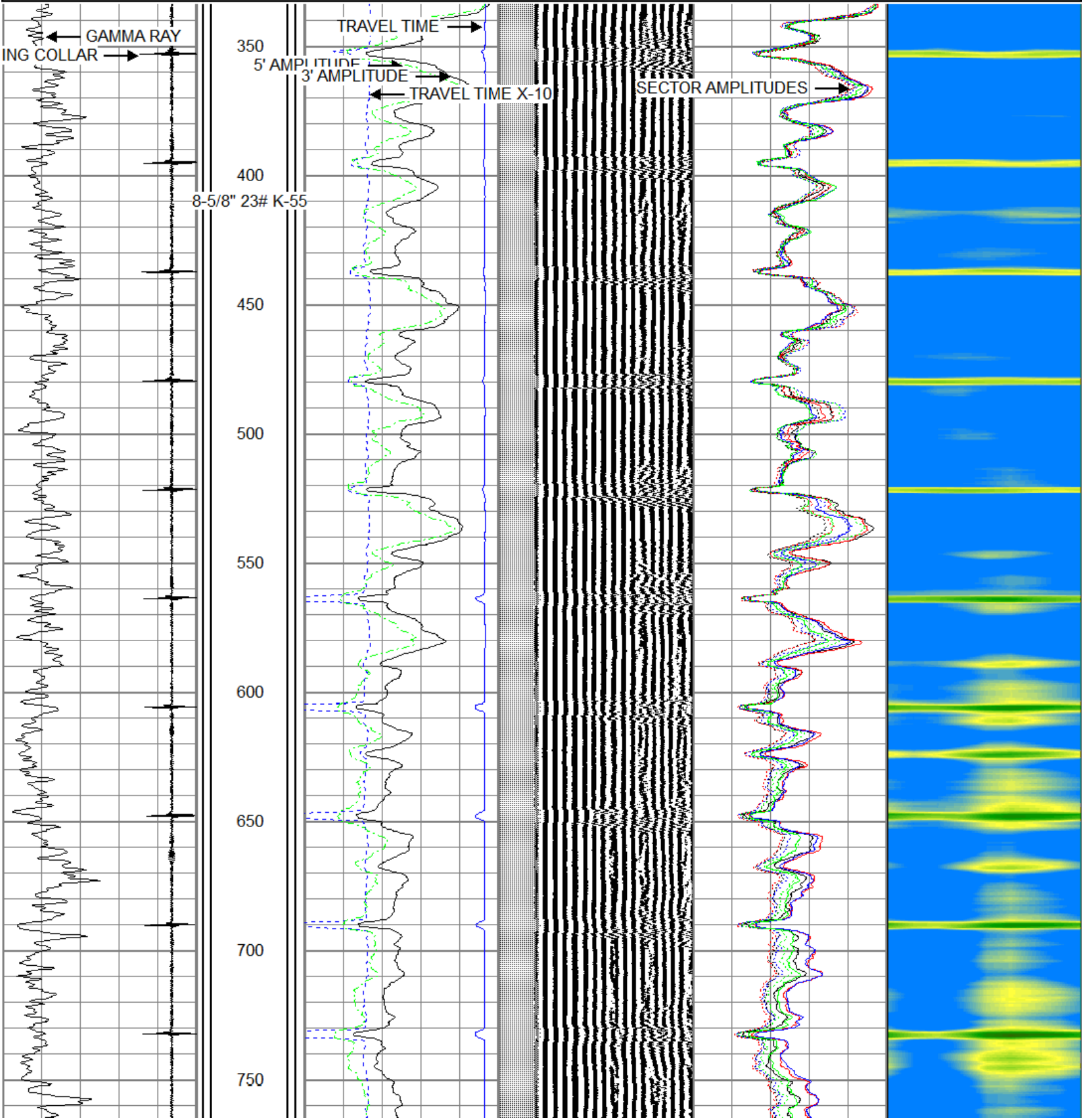
Dataset: mcelvainbullseye11rce.db: fruitland/bullseye1/run1/pass8

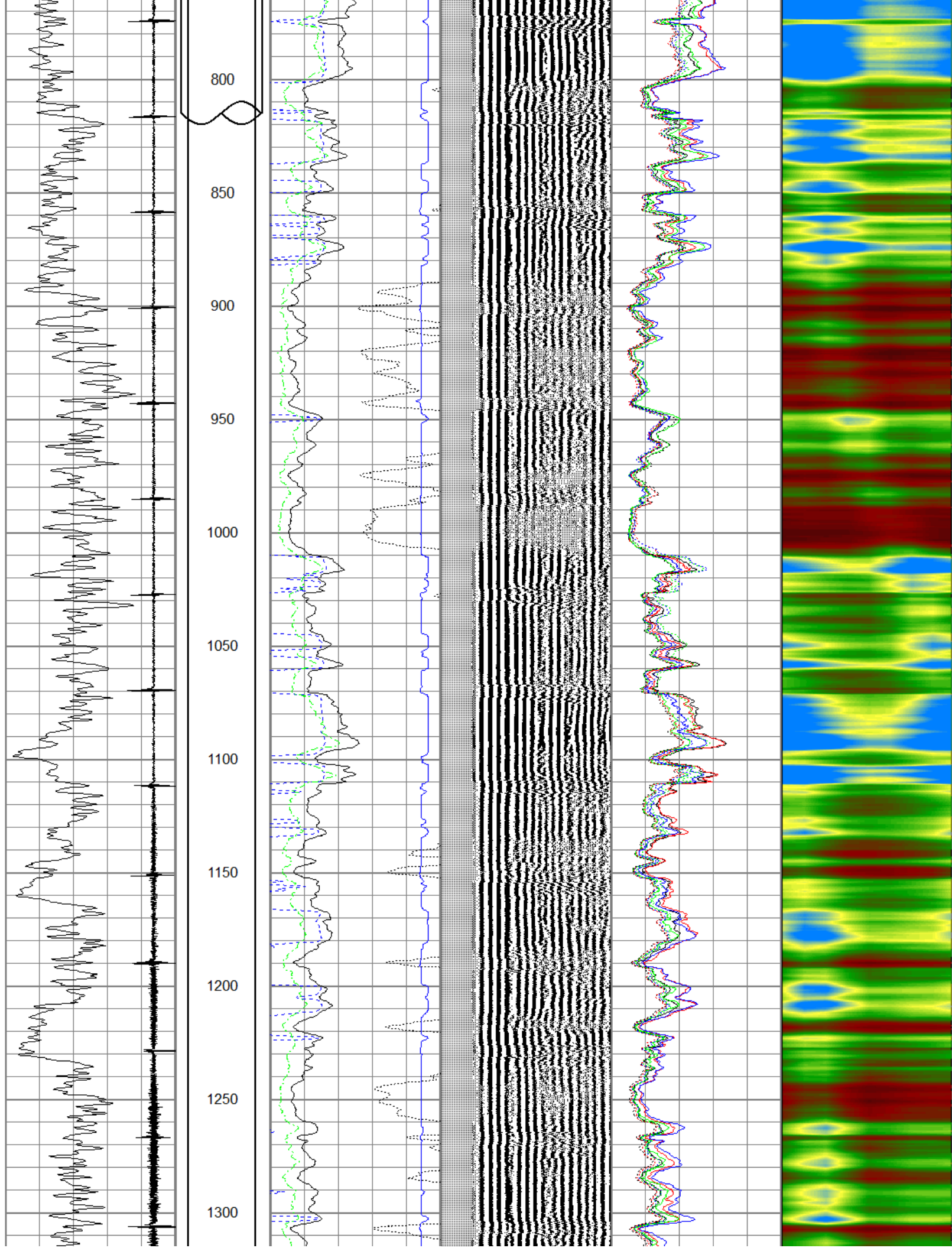
Total Length: 19.43 ft

Total Weight: 190.00 lb

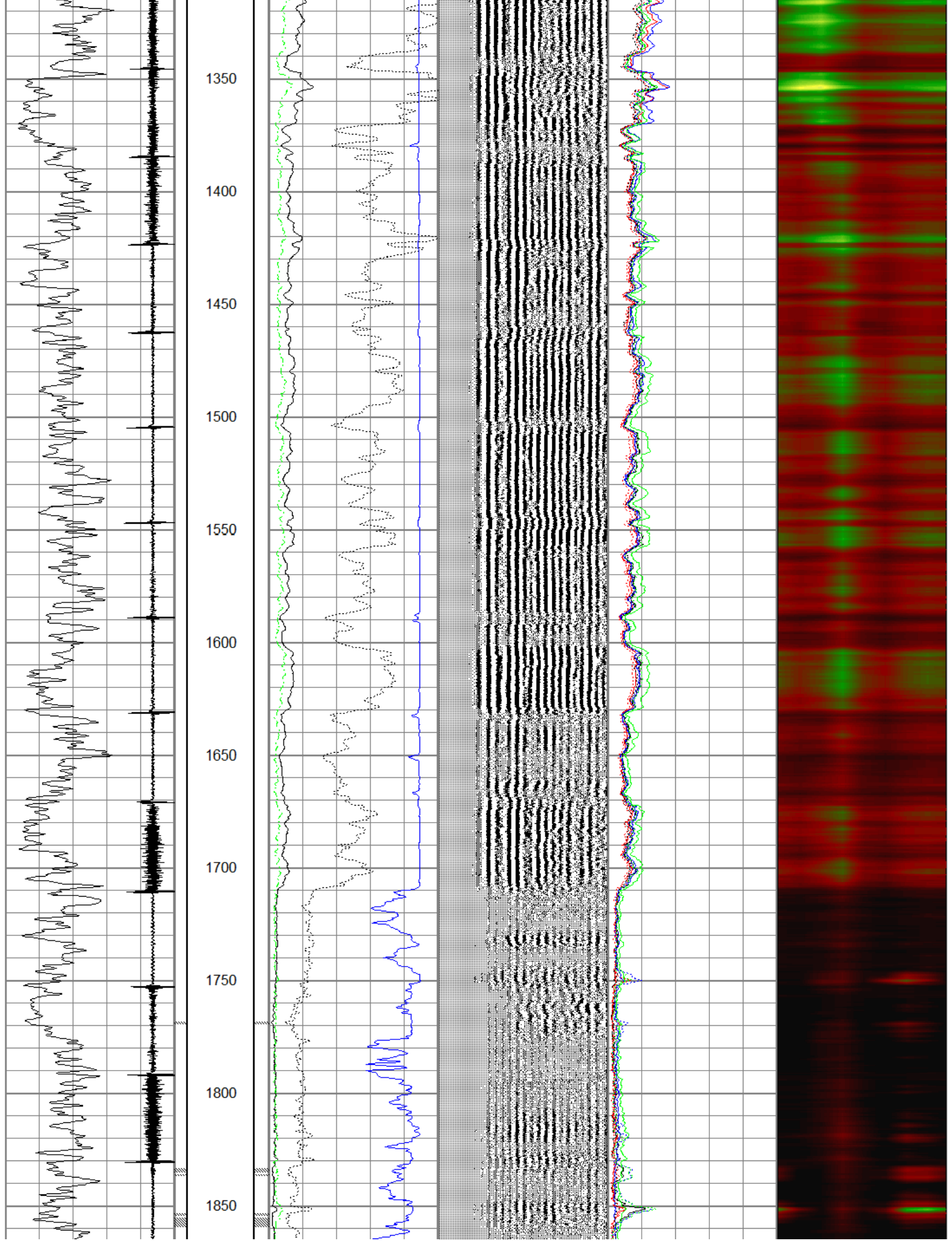
O.D. 2.75 in

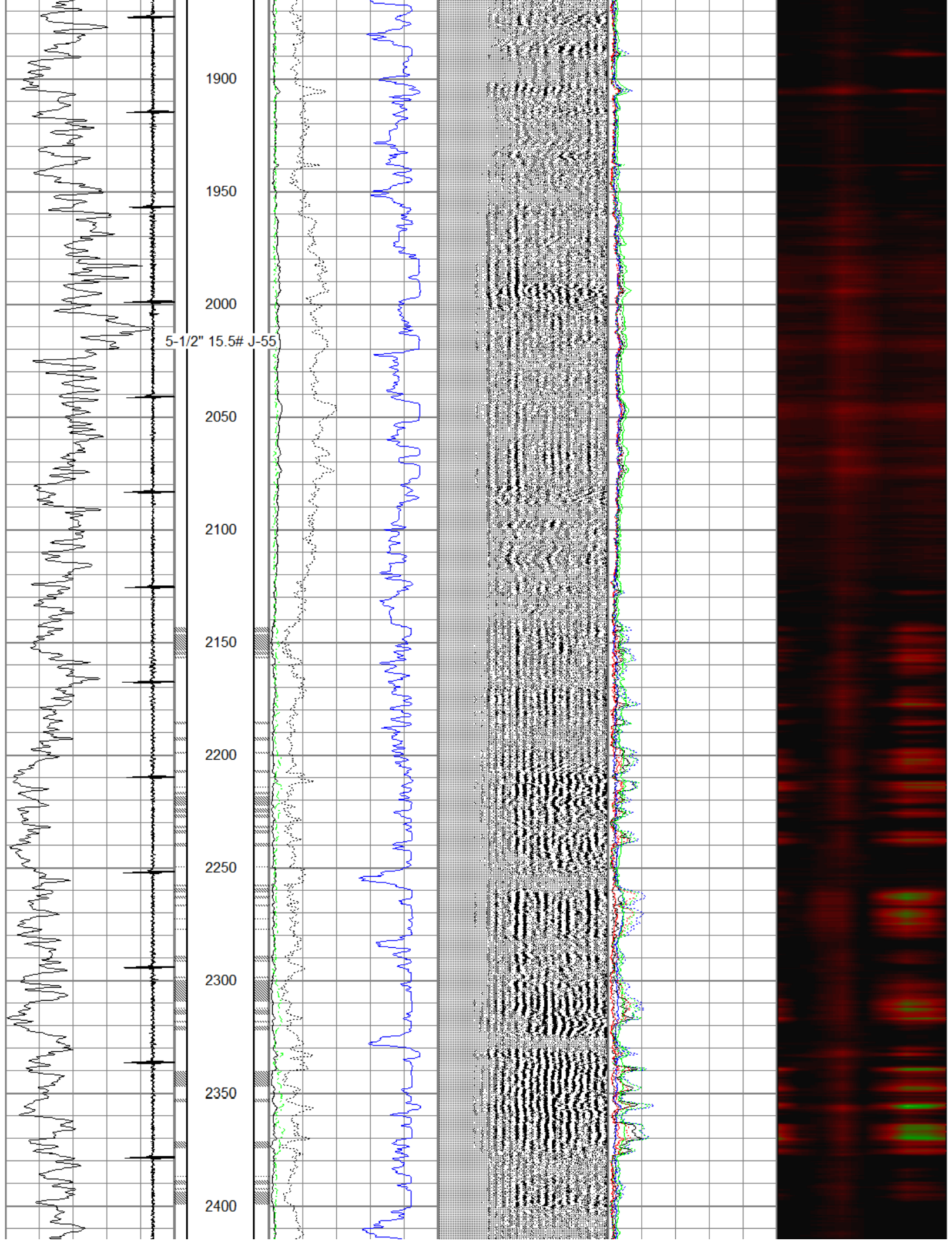
GAMMA RAY			3' AMPLITUDE		200	VDL	1200	0	AMPS1	100	1	Cement Map	8
0	(GAPI)	200	0	(mV)	100			0	AMPS2	100	4		45
-7 CASING COLLAR 1			0	AMP X5 (mV)	20			0	AMPS3	100			
			TRAVEL TIME X10					0	AMPS4	100			
			300	(usec)	200			0	AMPS5	100			
			5' AMPLITUDE					0	AMPS6	100			
			0	(mV)	100			0	AMPS7	100			
			Travel Time					0	AMPS8	100			
			1200	(usec)	200								



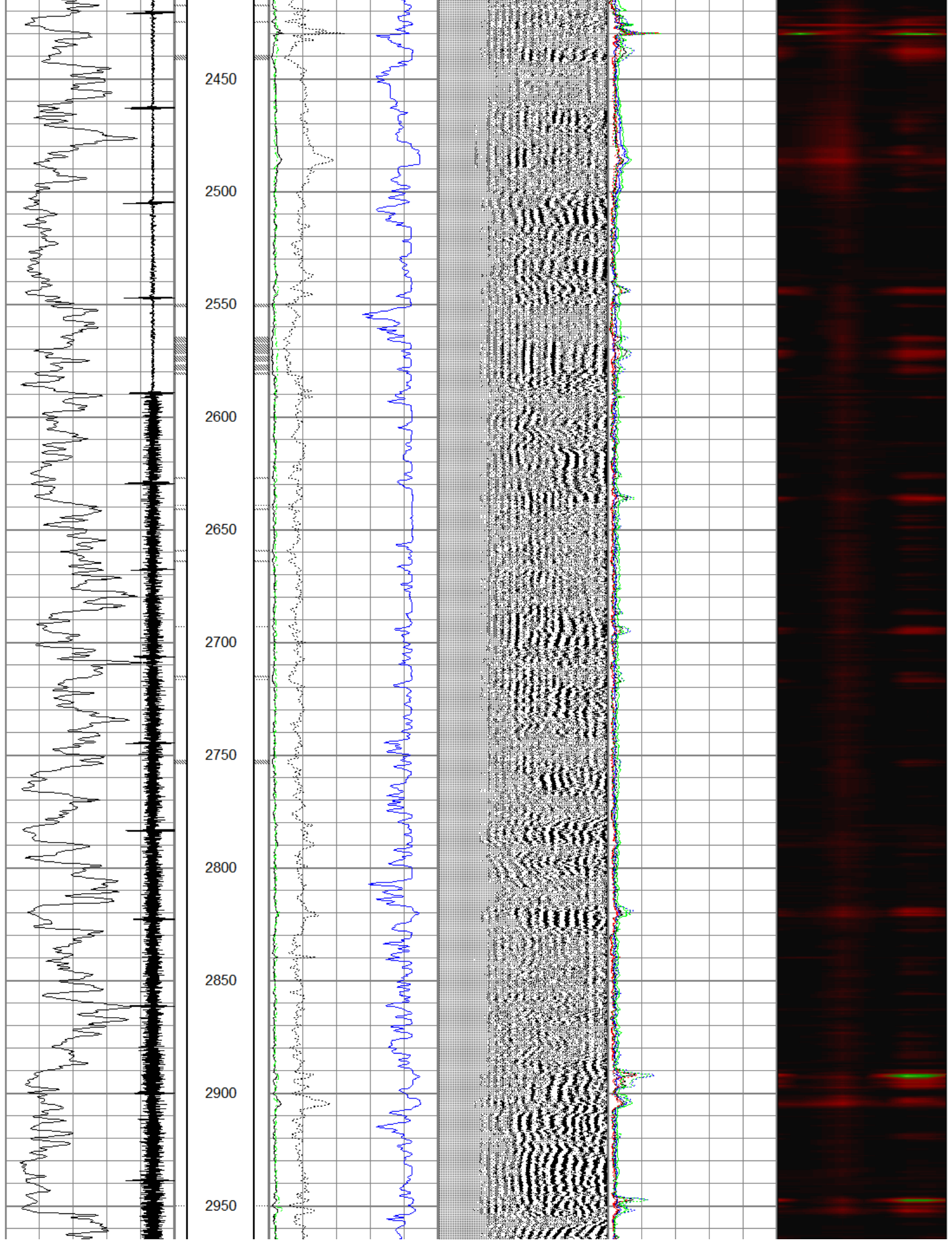


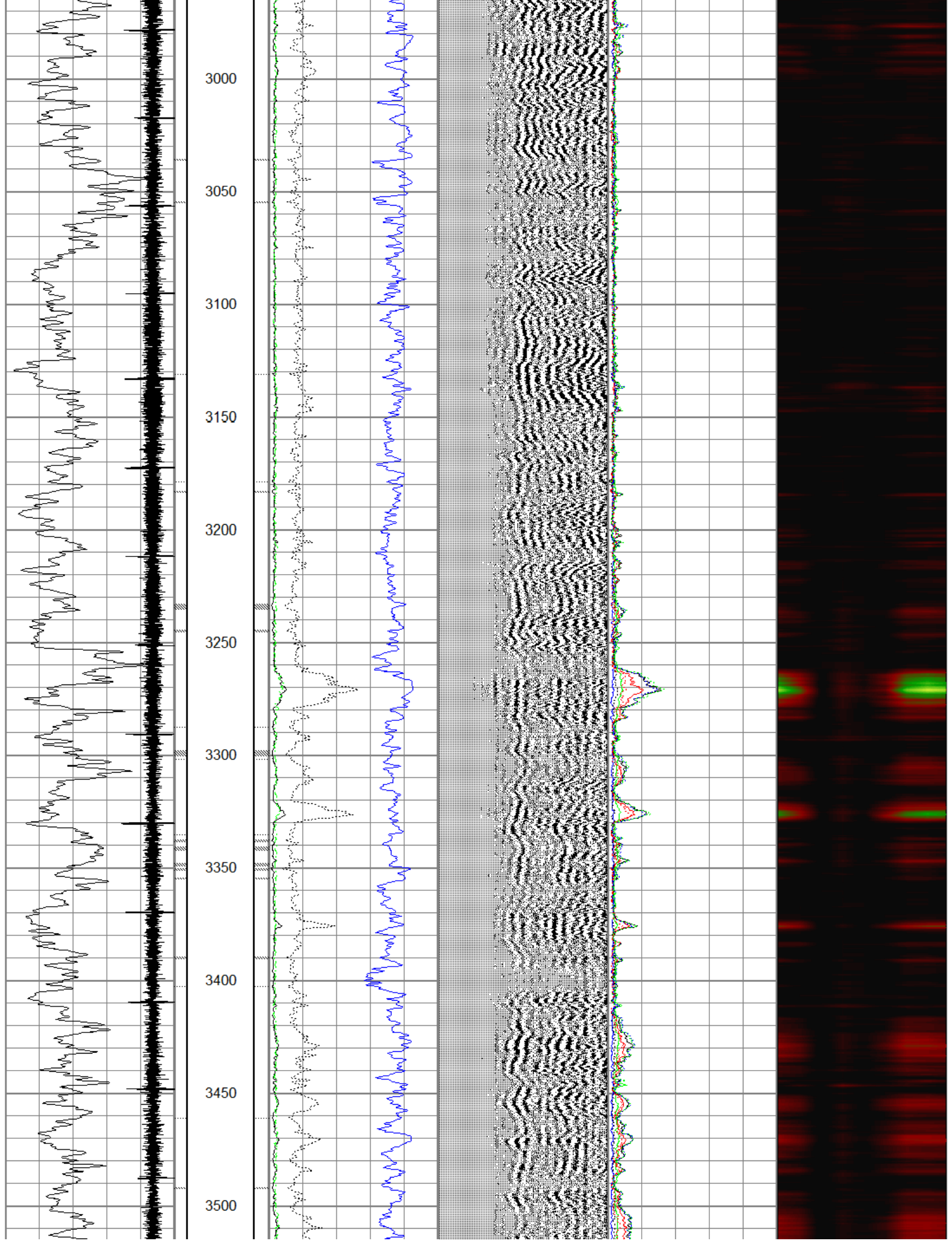




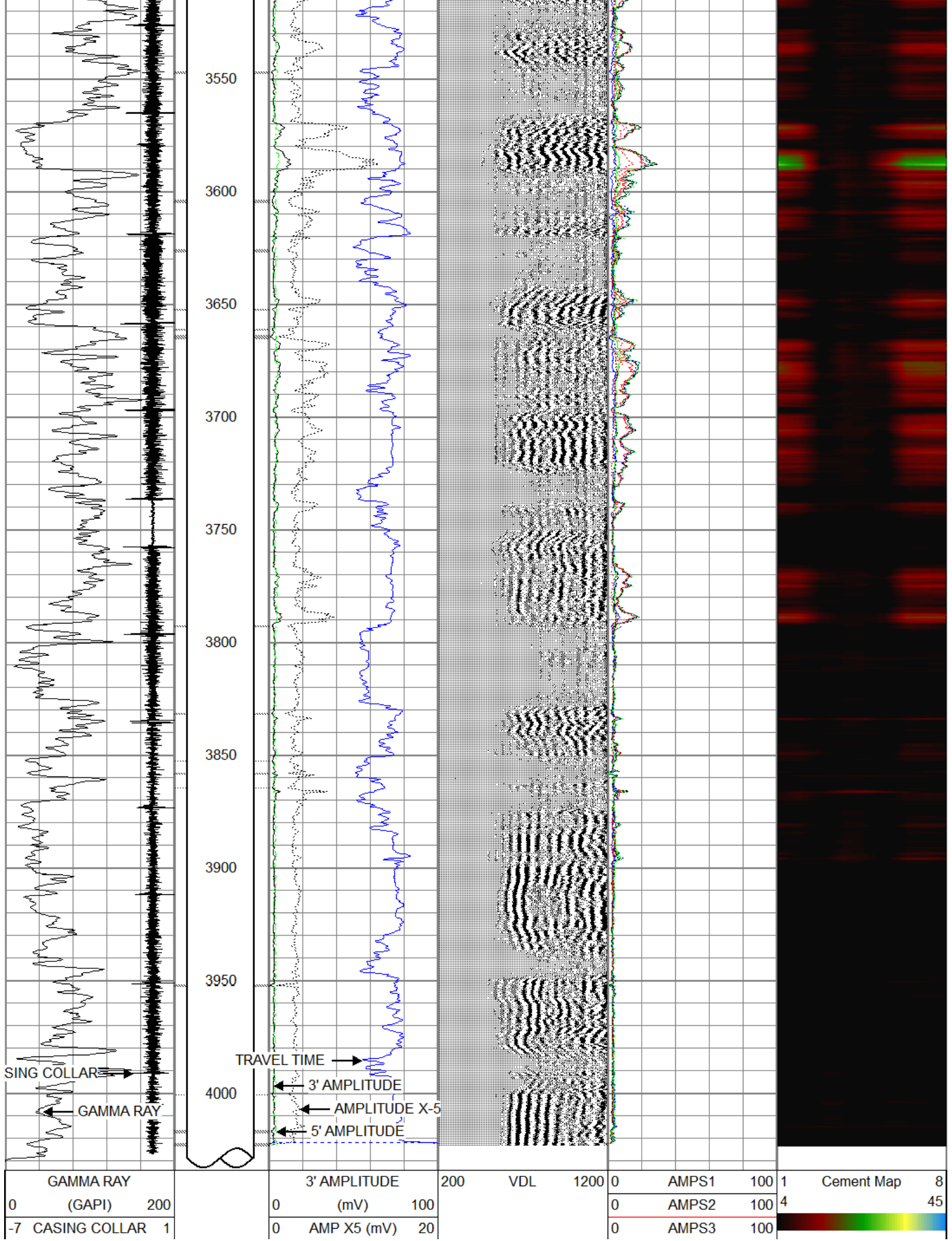












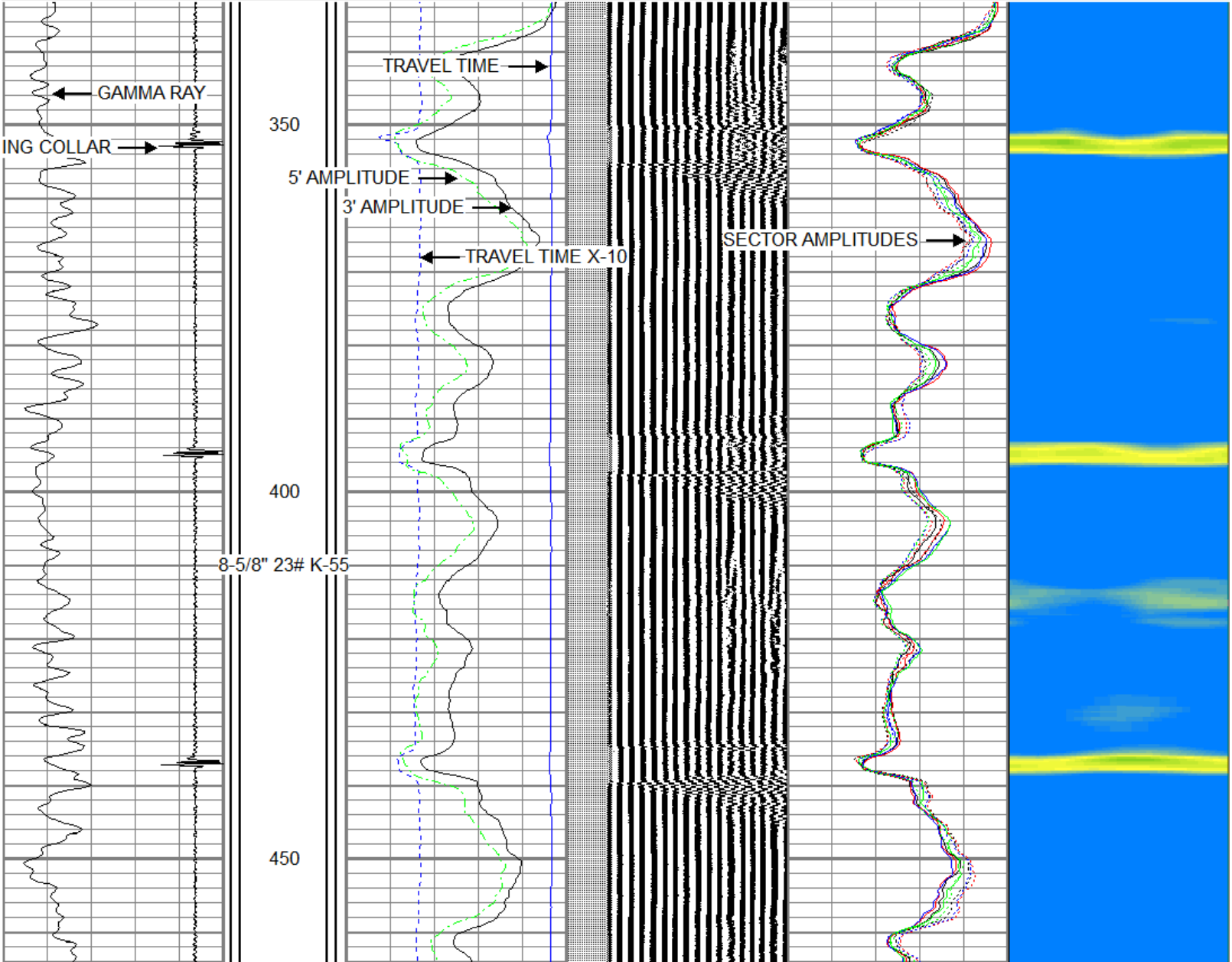
GAMMA RAY		200	3' AMPLITUDE		200	VDL	1200	0	AMPS1	100	1	Cement Map	8
0 (GAPI)			0 (mV)		100			0	AMPS2	100	4		45
-7 CASING COLLAR		1	0 AMP X5 (mV)		20			0	AMPS3	100			

TRAVEL TIME X10		
300	(usec)	200
5' AMPLITUDE		
0	(mV)	100
Travel Time		
1200	(usec)	200

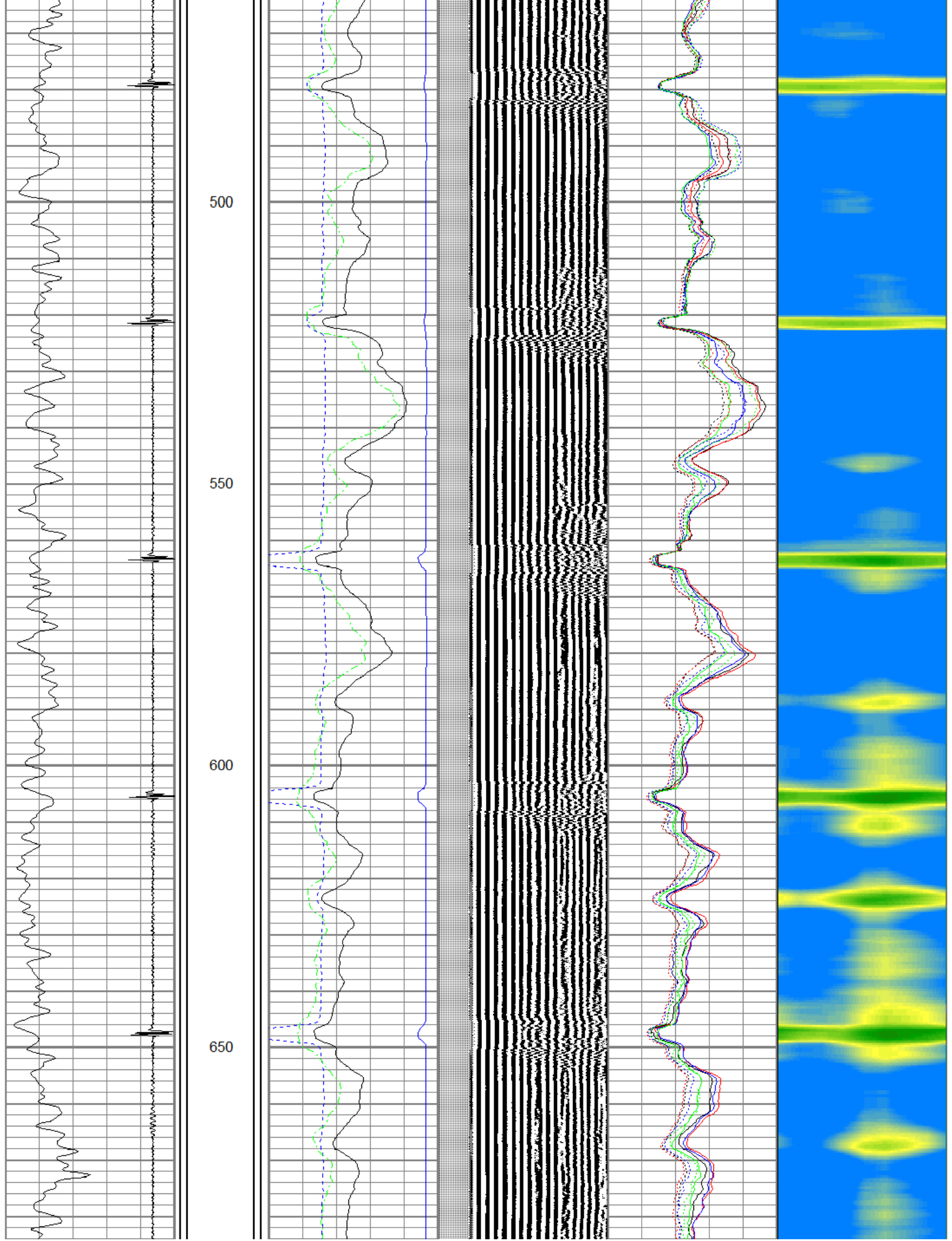
0	AMPS4	100
0	AMPS5	100
0	AMPS6	100
0	AMPS7	100
0	AMPS8	100

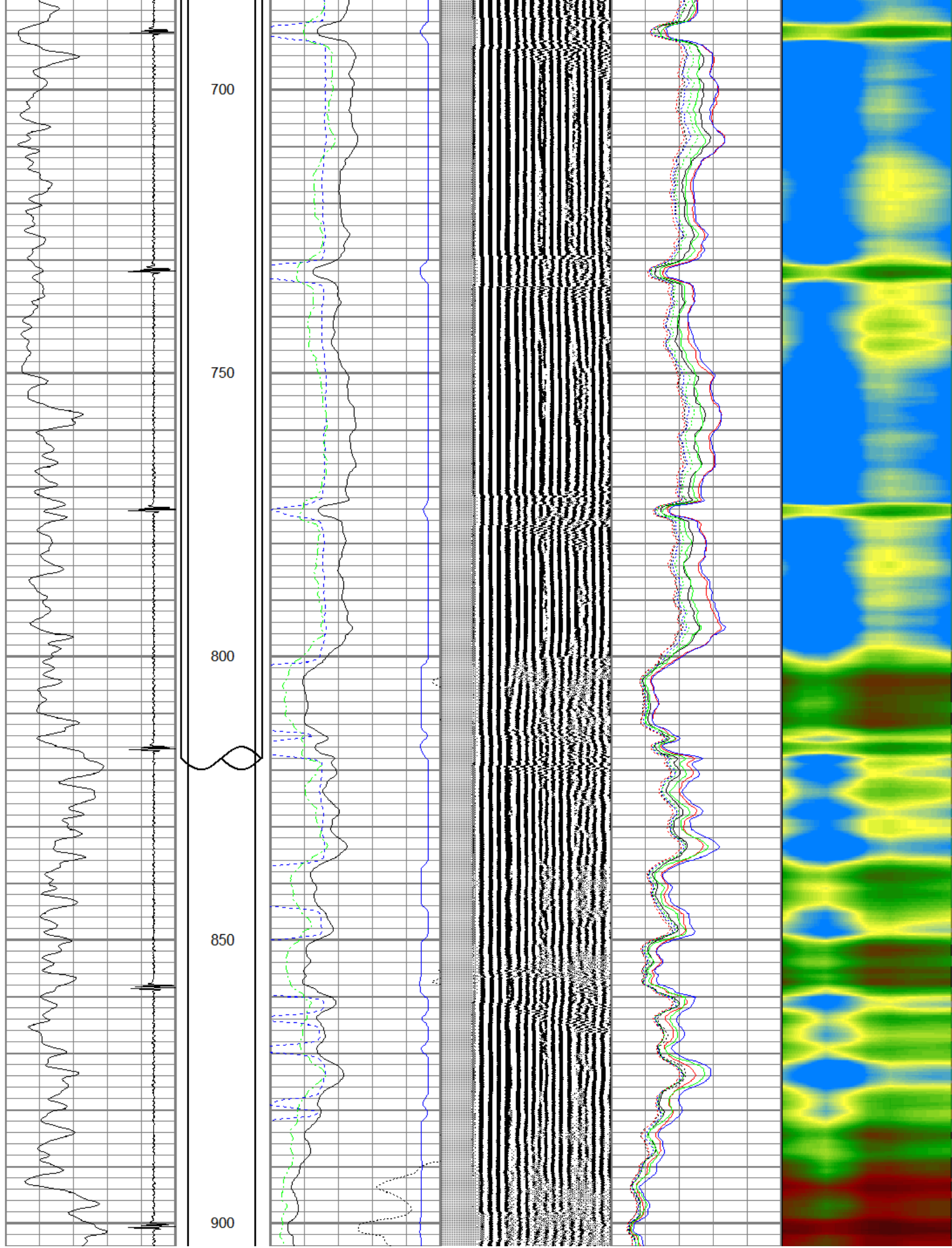
Database File:	mcelvainbullseye11rce.db
Dataset Pathname:	fruitland/bullseye1/run1/pass8.1
Presentation Format:	rst5inpl
Dataset Creation:	Tue May 08 10:40:36 2012 by Calc SCH 120126
Charted by:	Depth in Feet scaled 1:240

GAMMA RAY			3' AMPLITUDE			200	VDL	1200	0	AMPS1	100	1 4	Cement Map	8
0	(GAPI)	200	0	(mV)	100				0	AMPS2	100			45
-7 CASING COLLAR 1			0	AMP X5 (mV)	20				0	AMPS3	100			
			TRAVEL TIME X10						0	AMPS4	100			
			300	(usec)	200				0	AMPS5	100			
			5' AMPLITUDE						0	AMPS6	100			
			0	(mV)	100				0	AMPS7	100			
			Travel Time						0	AMPS8	100			
			1200	(usec)	200									

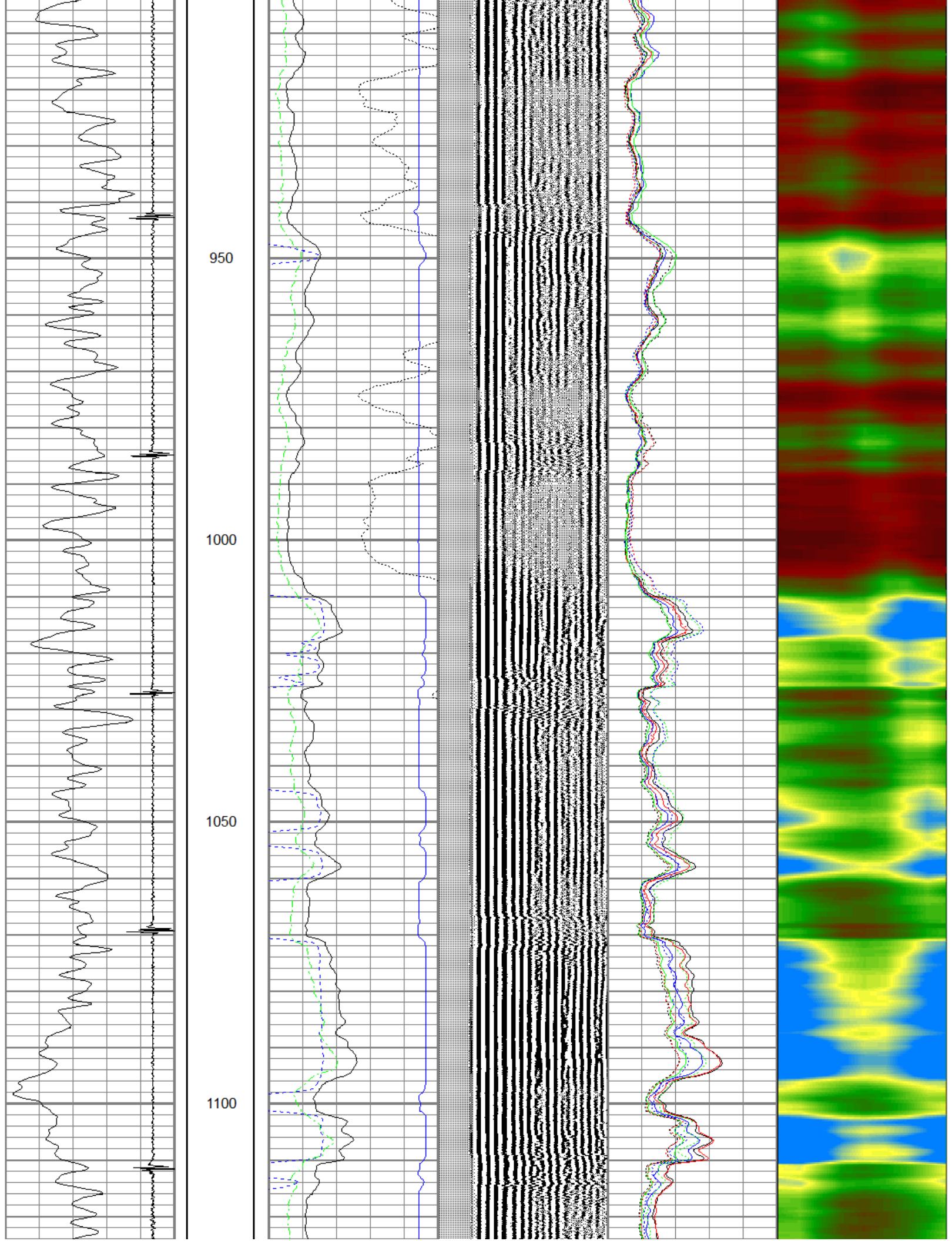


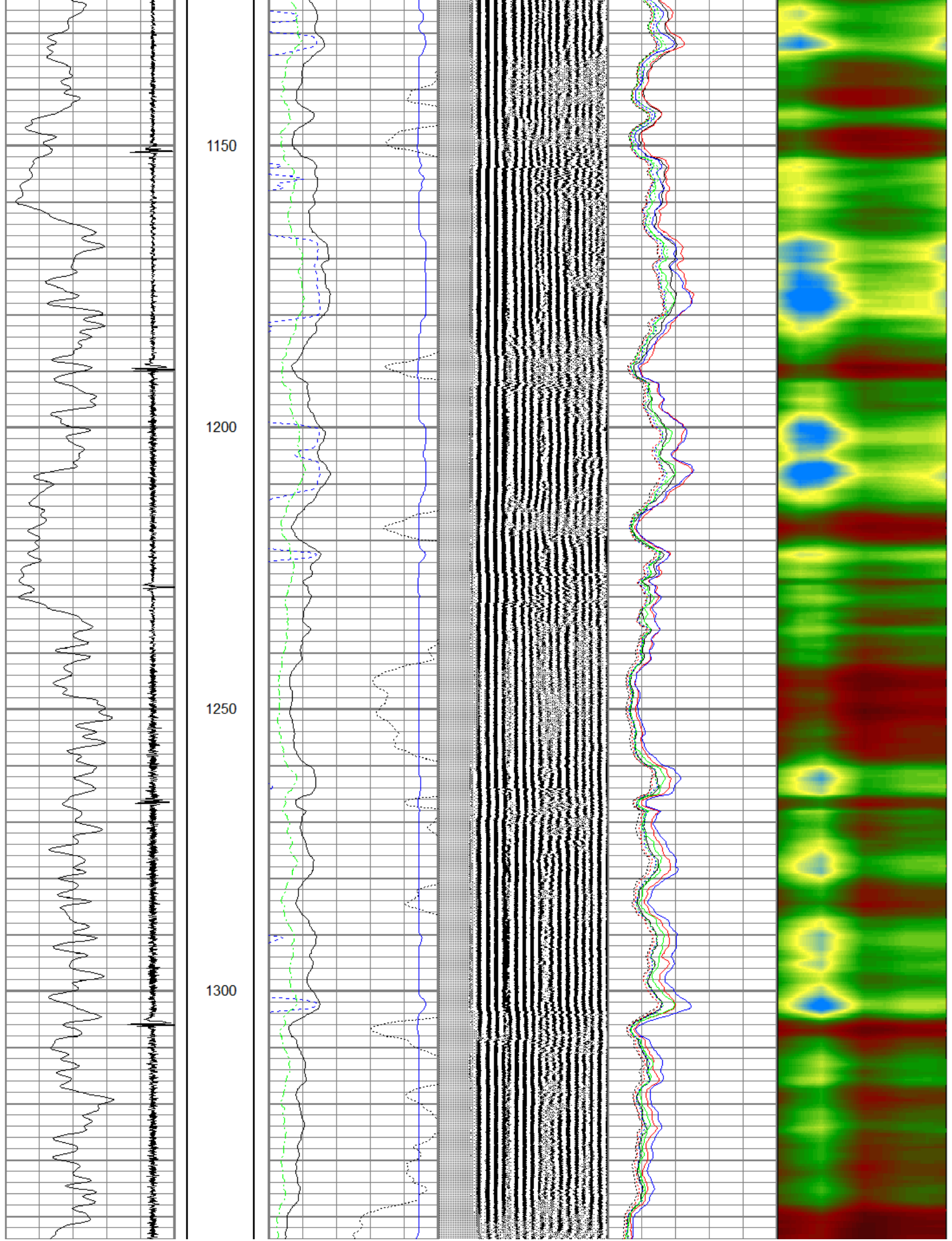




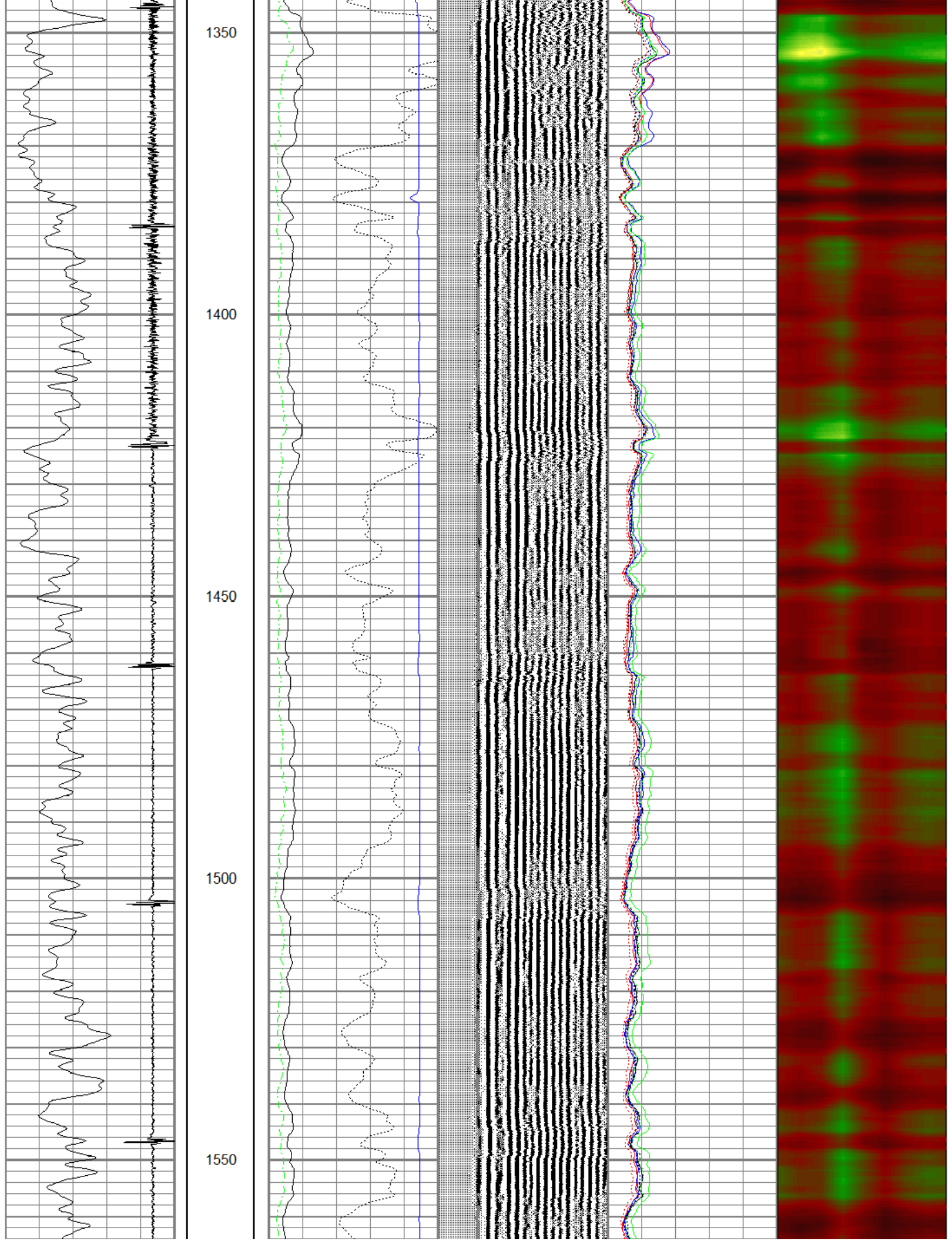


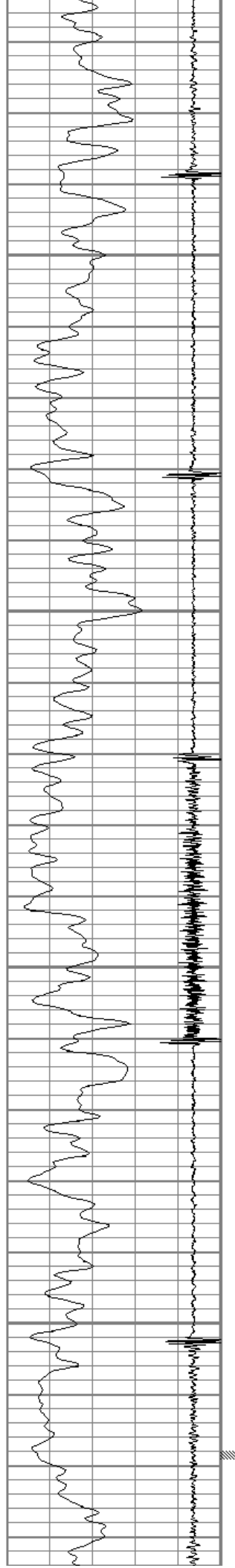










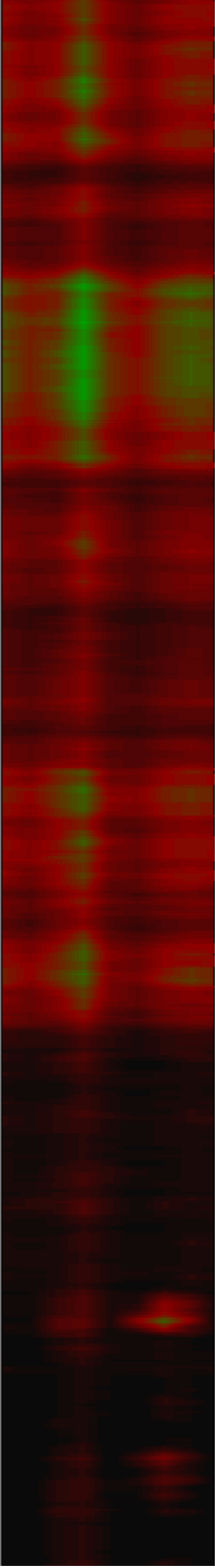
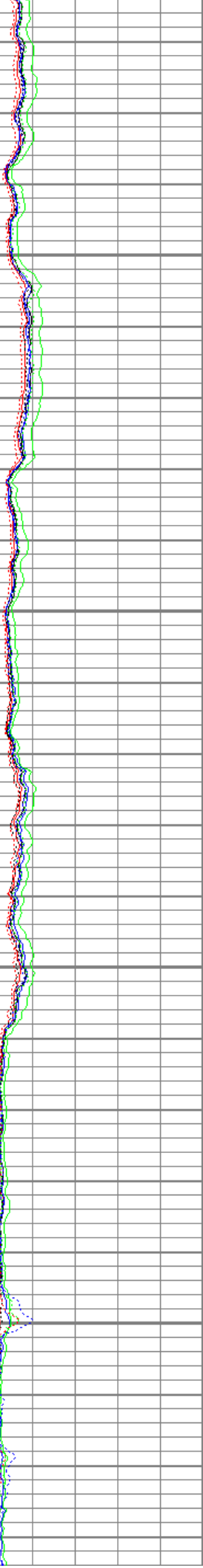
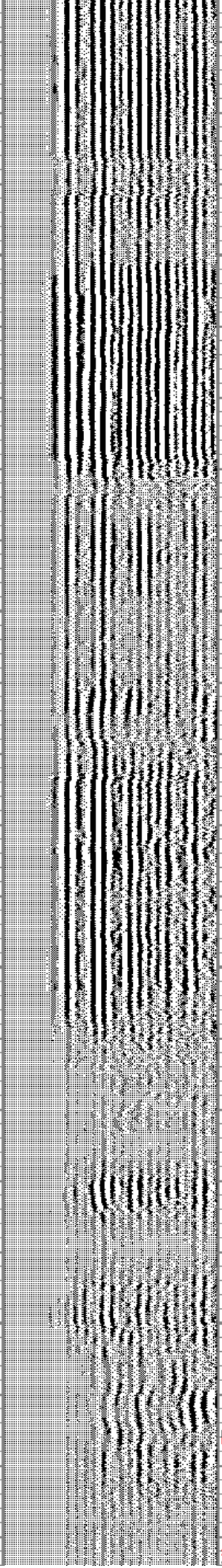
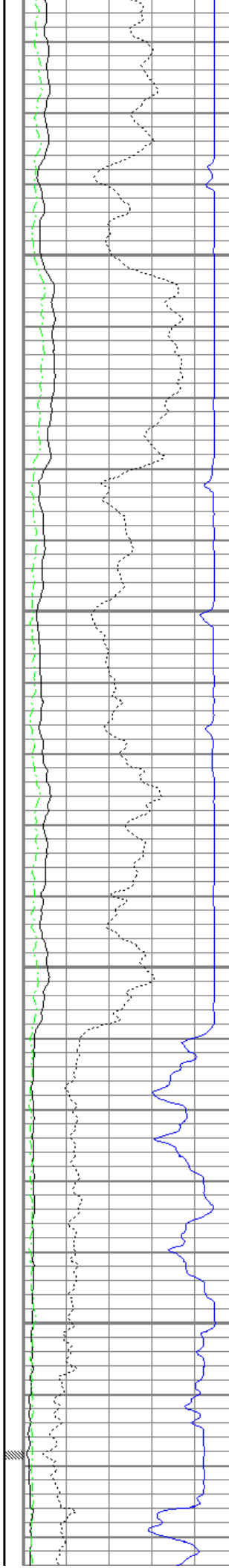


1600

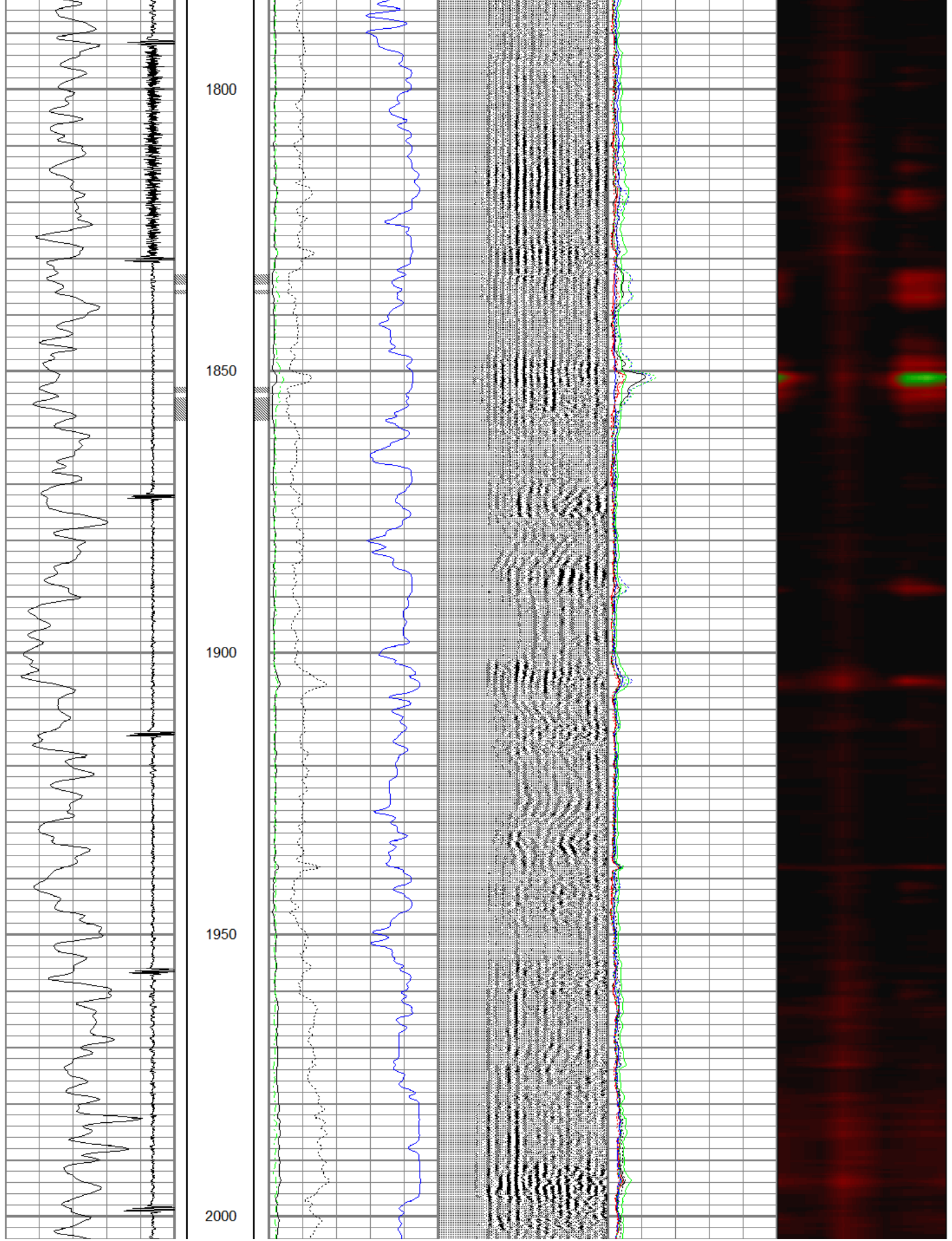
1650

1700

1750







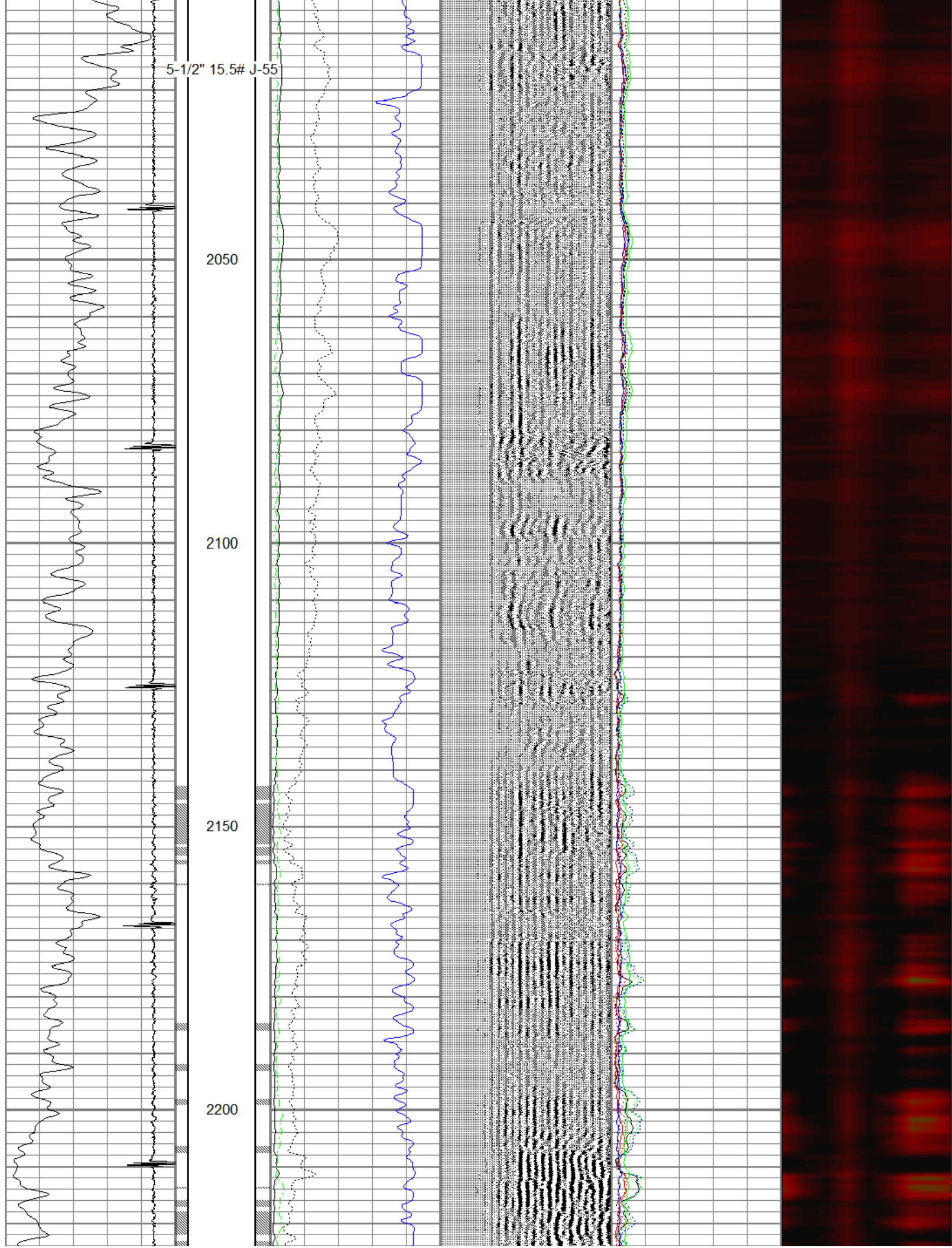
5-1/2" 15.5# J-55

2050

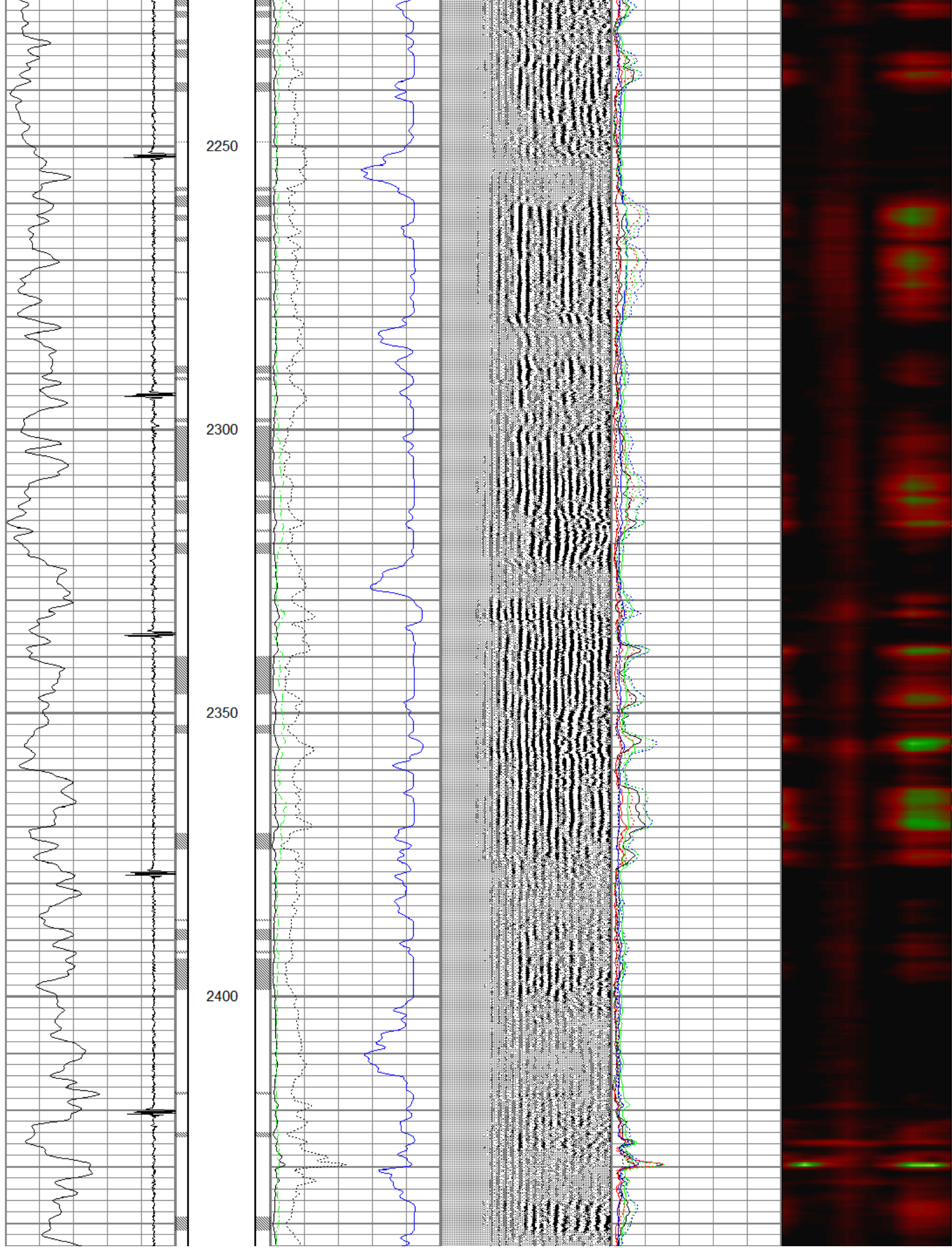
2100

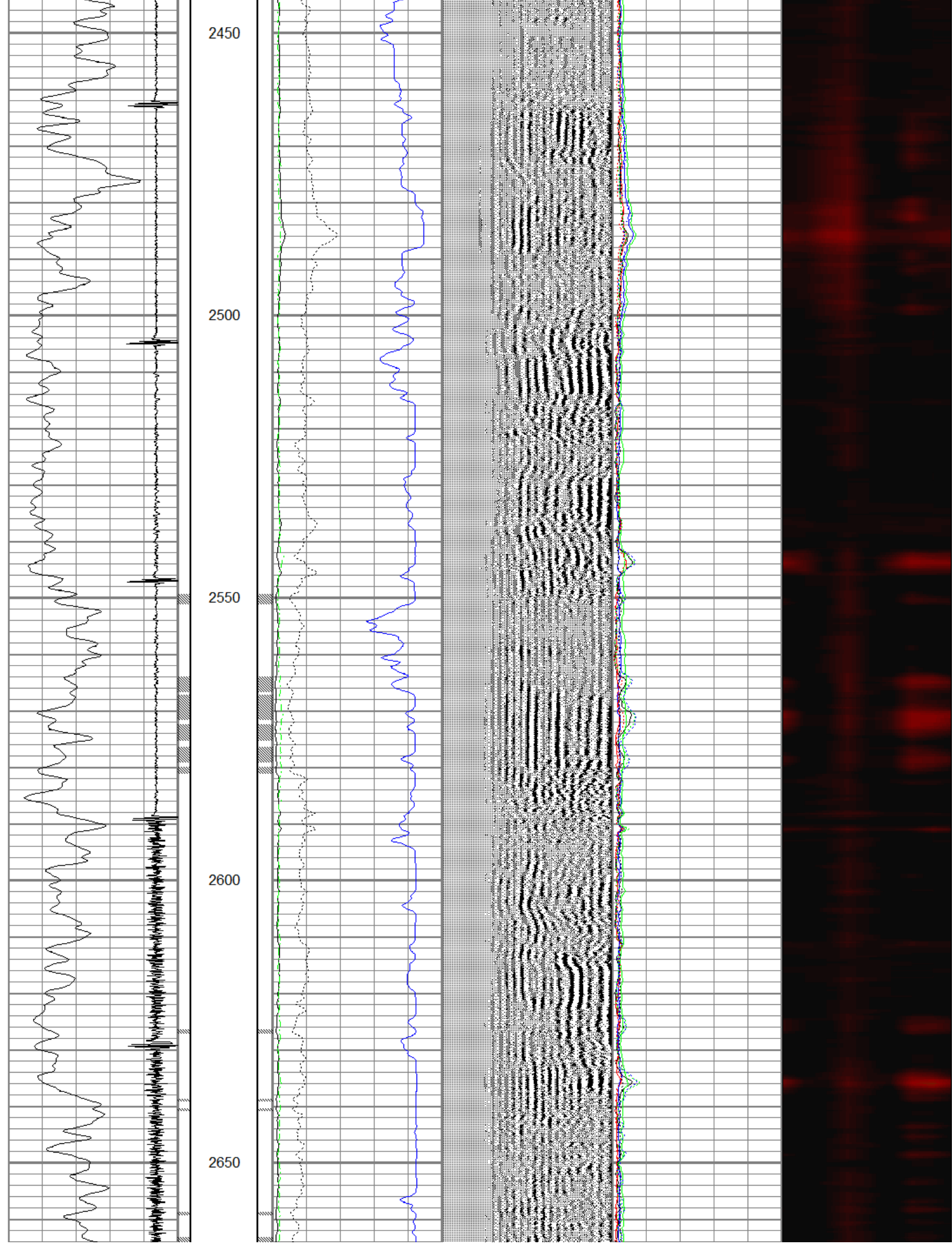
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2200

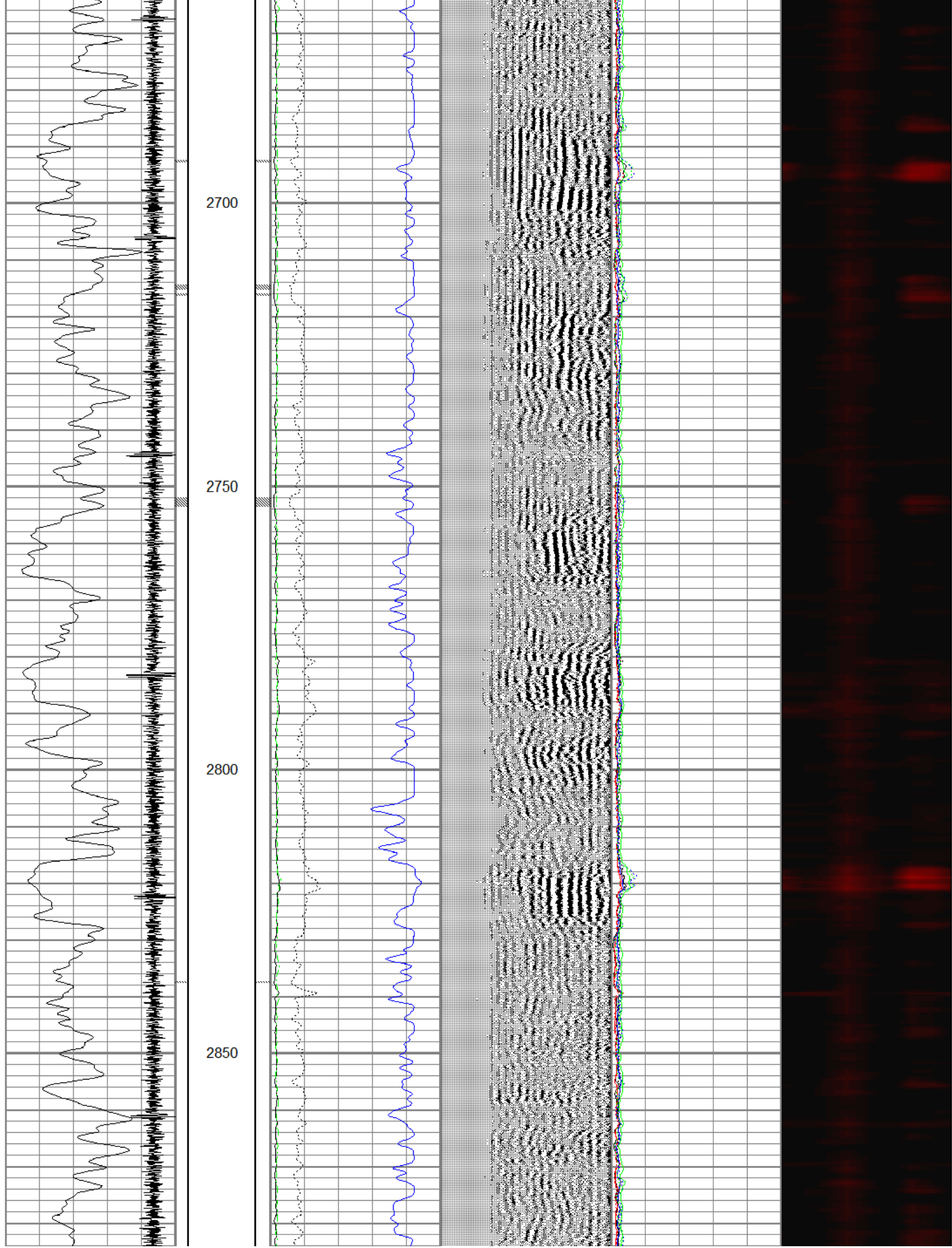


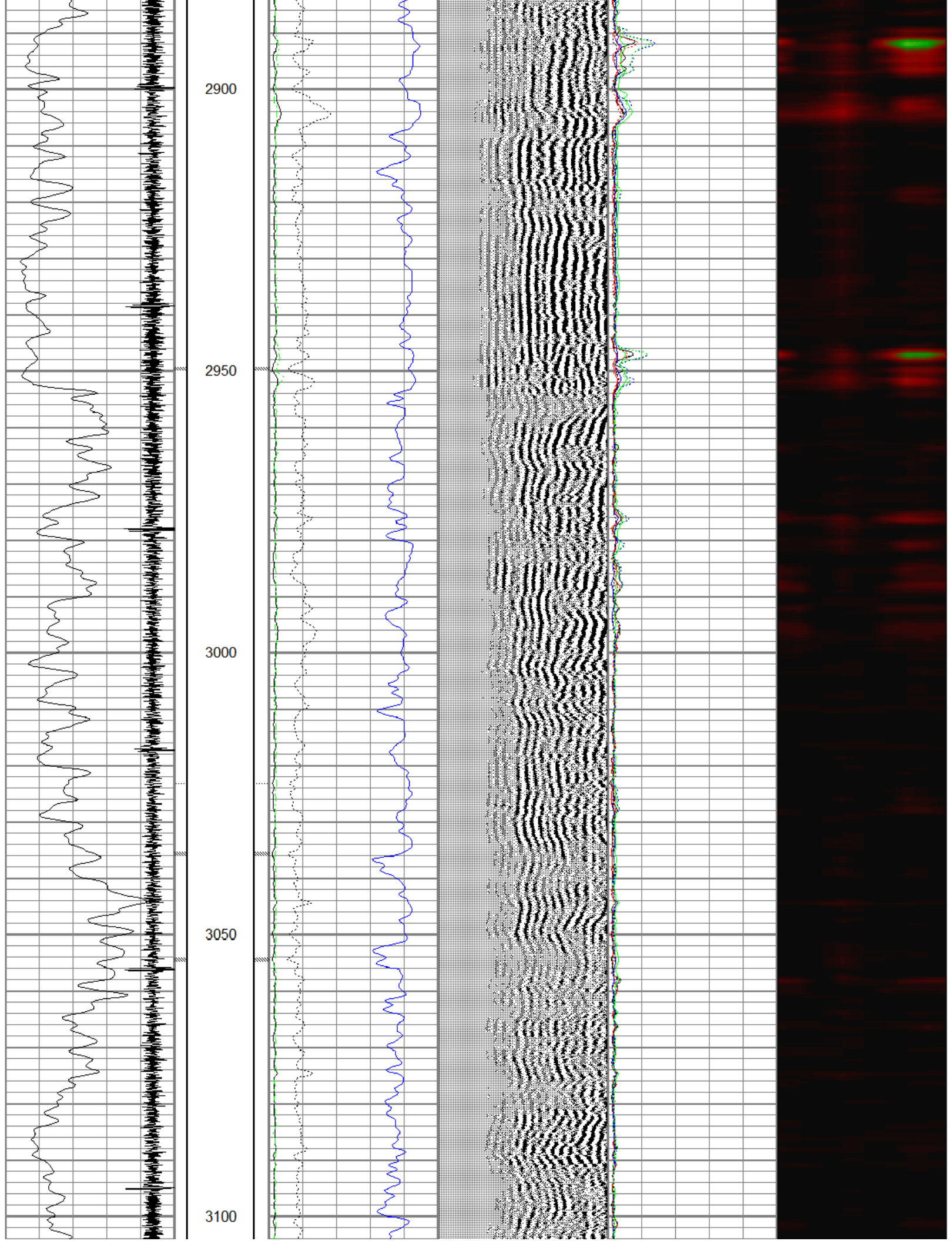




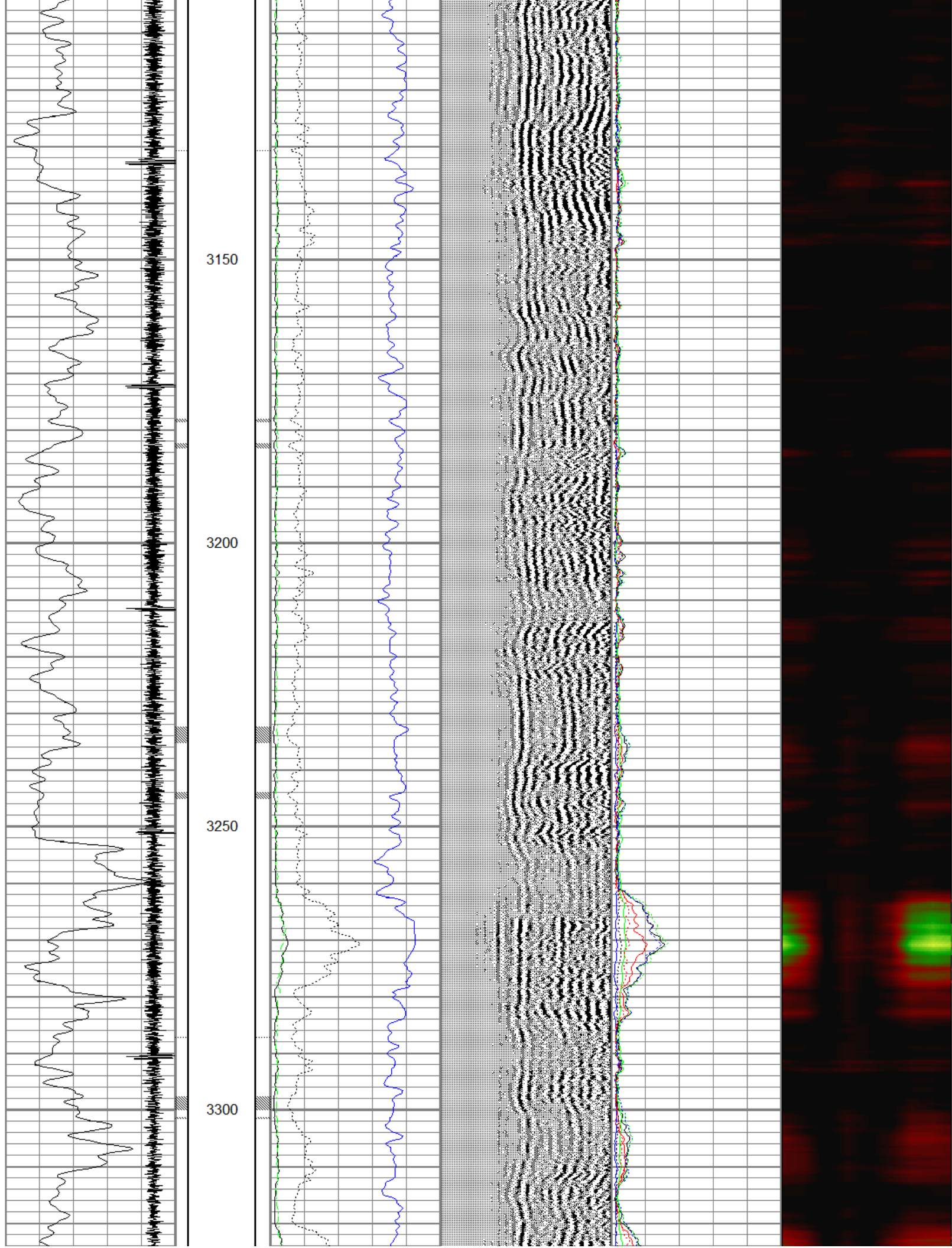


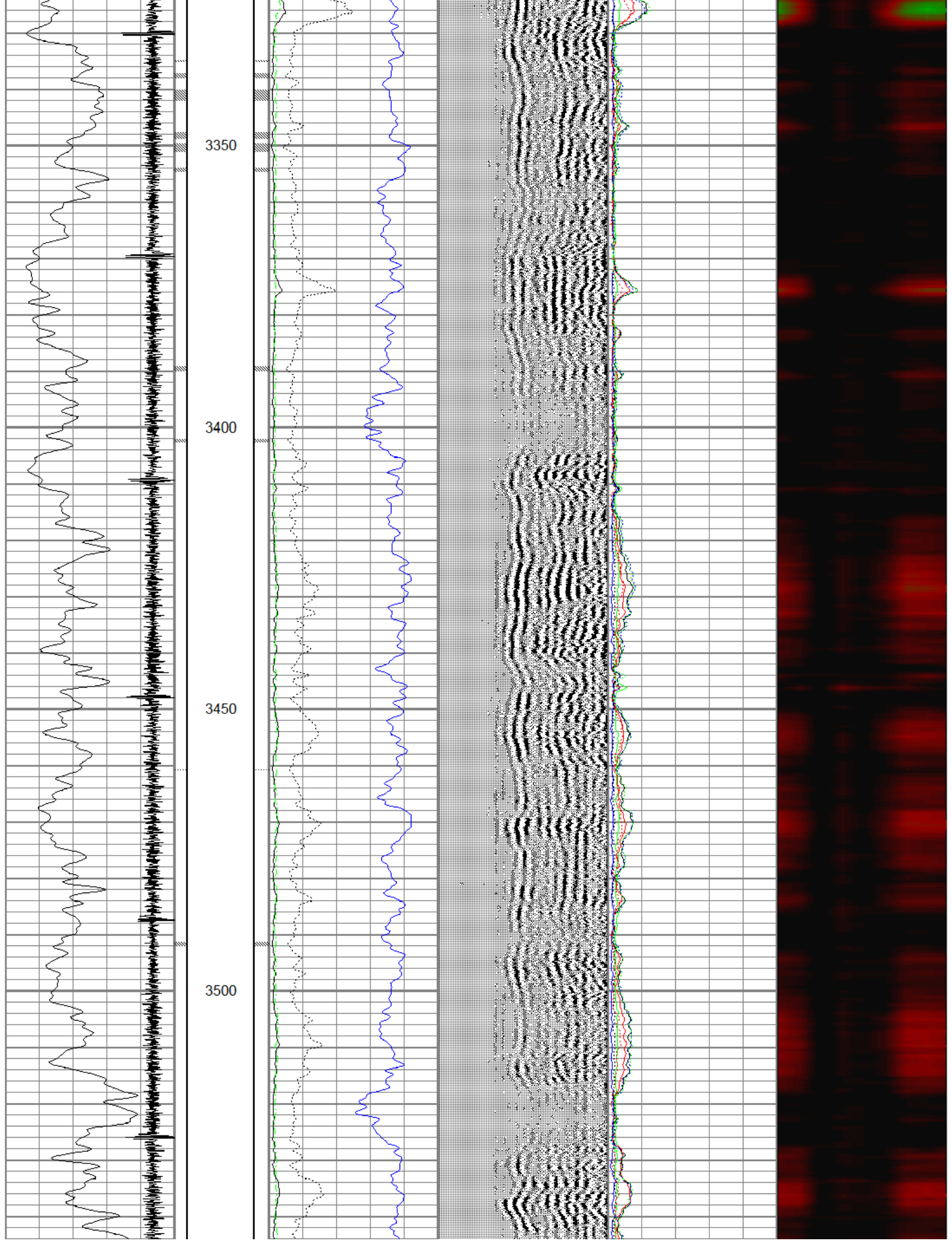




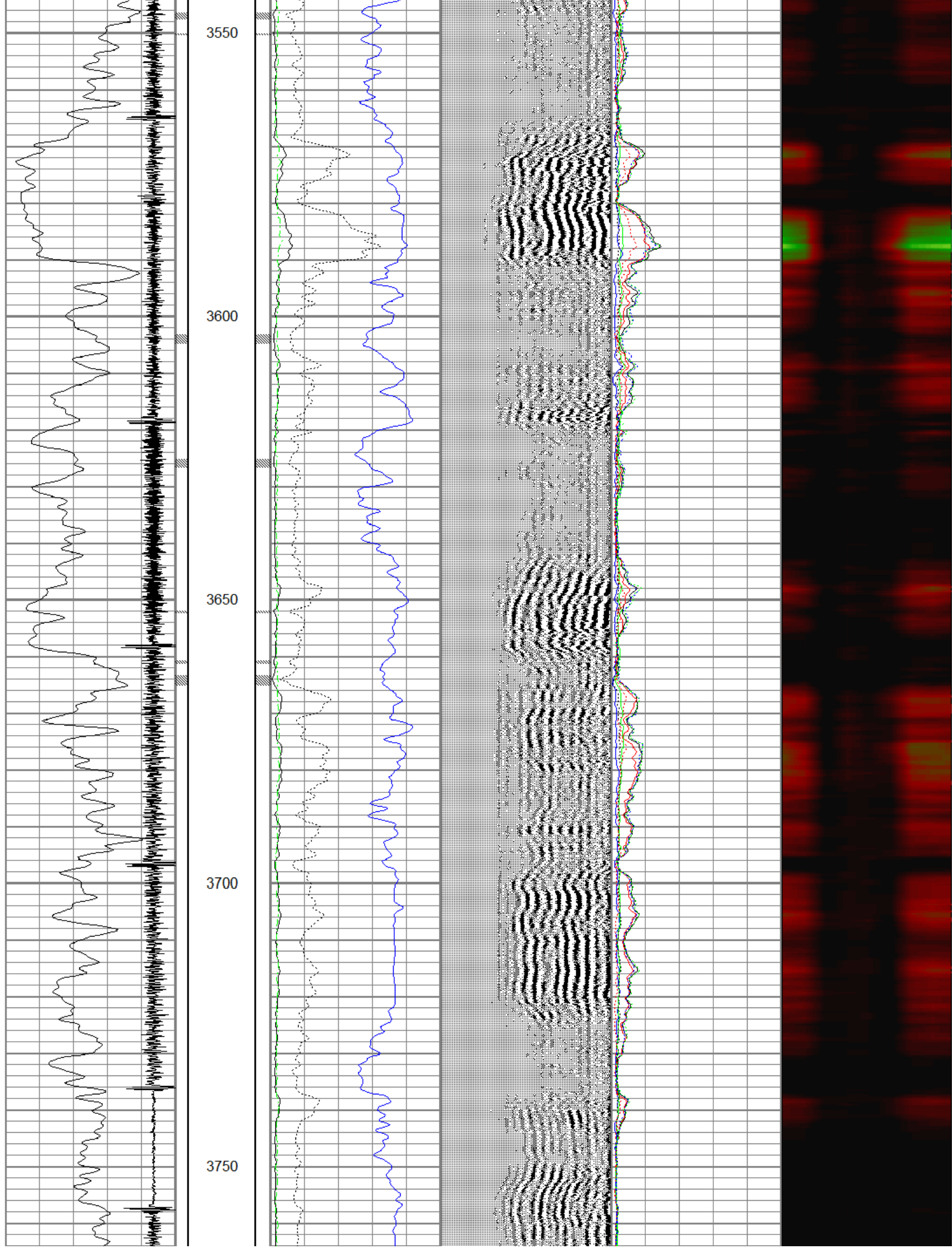


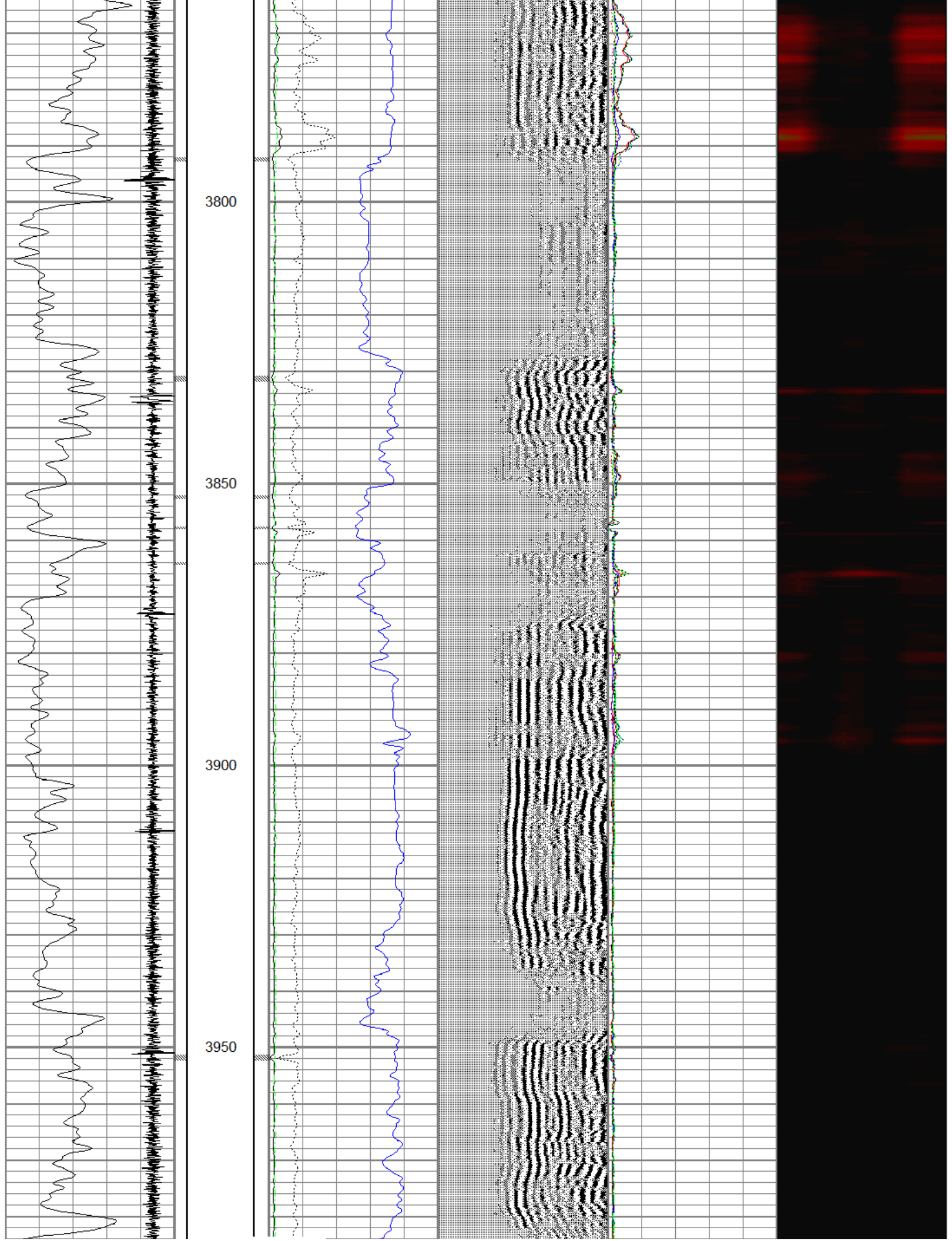




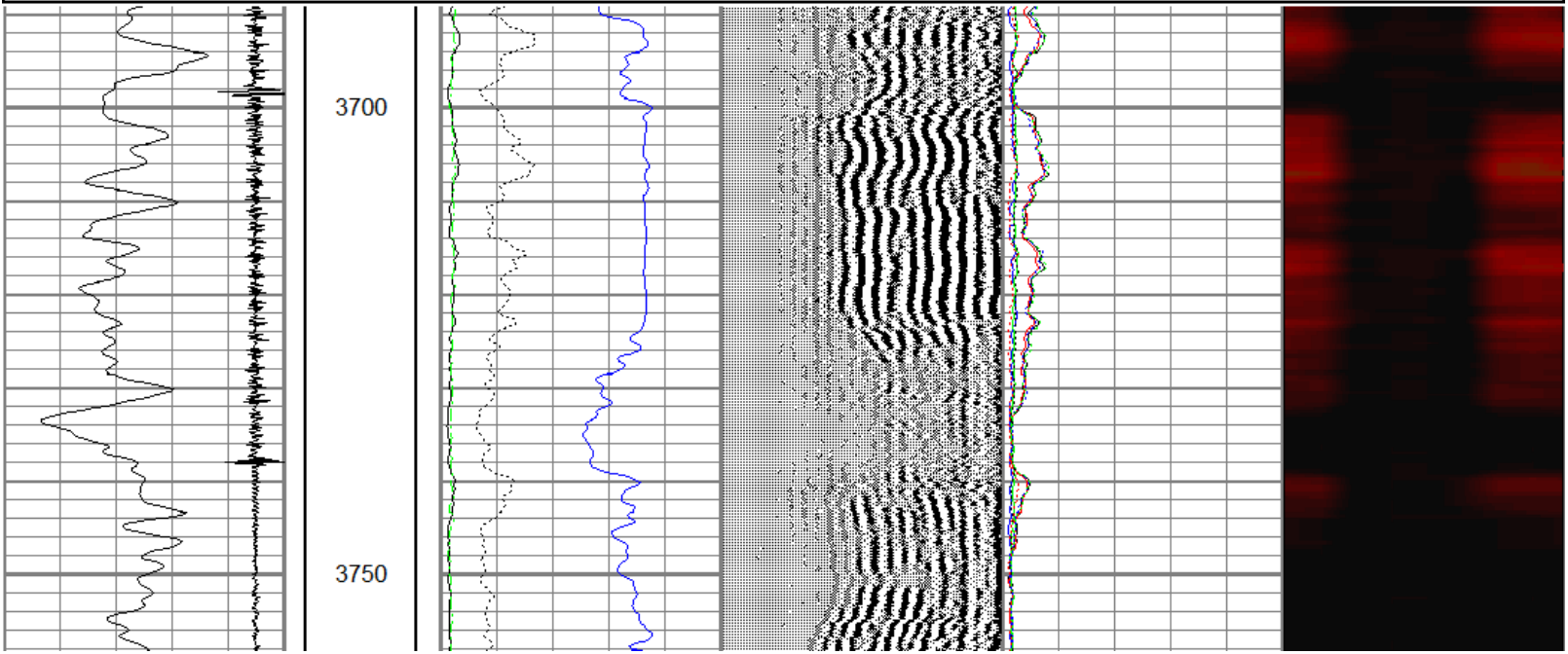
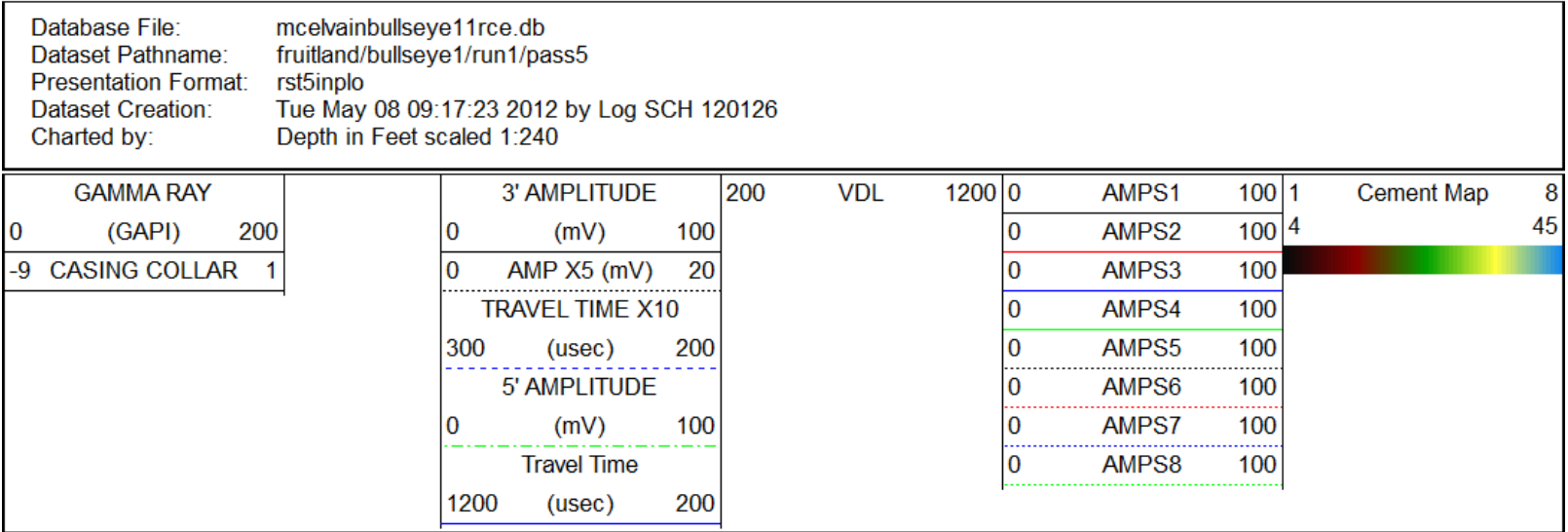
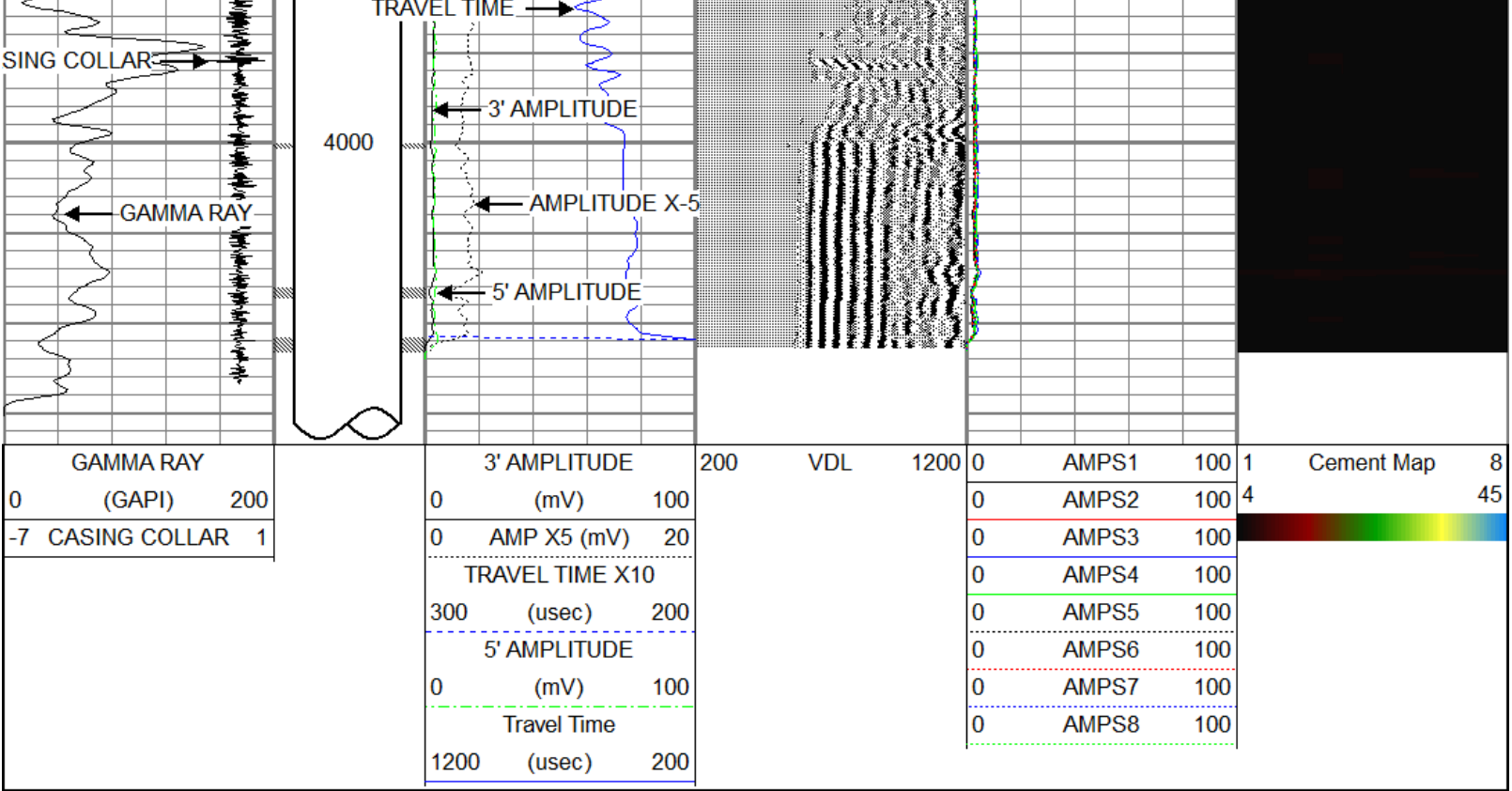


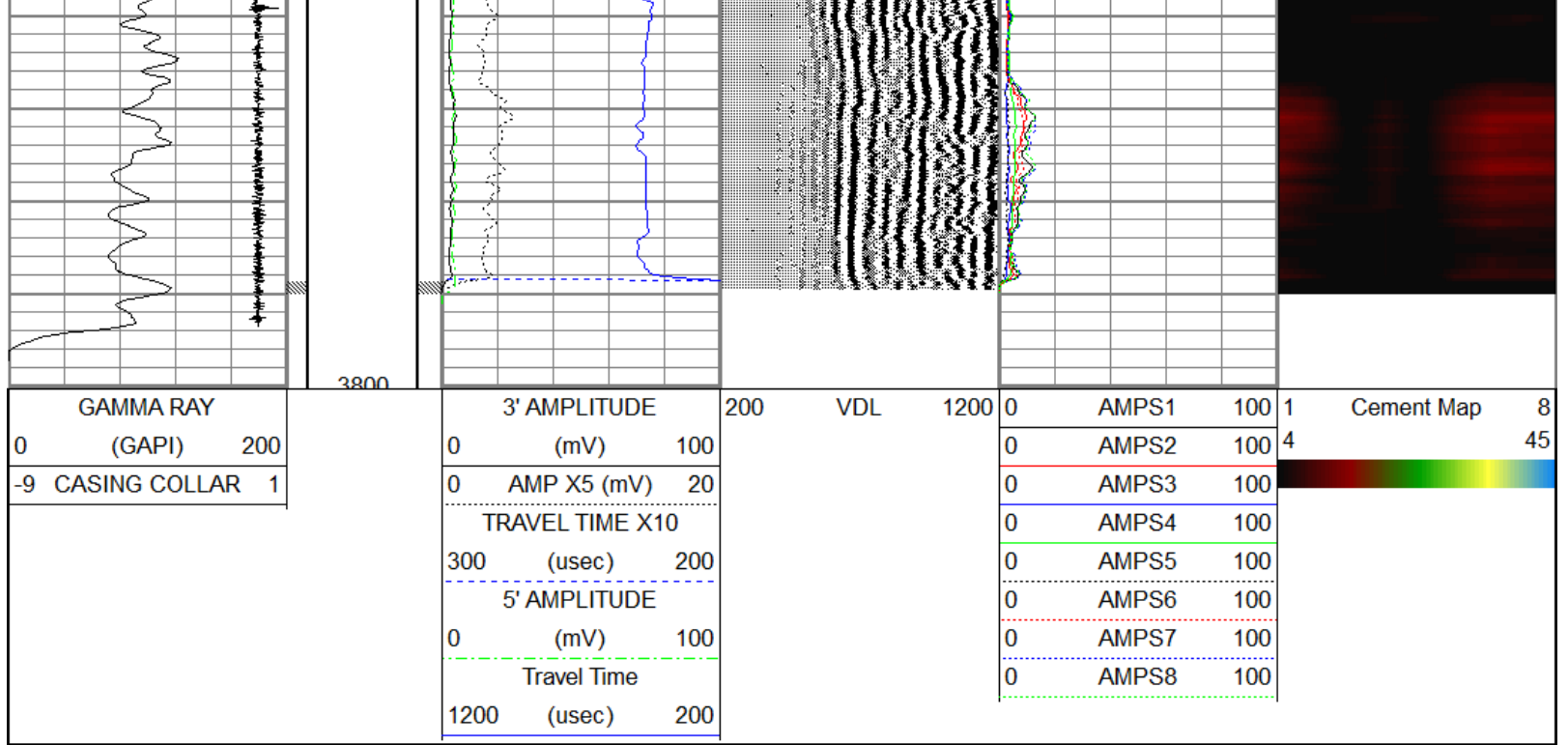












Calibration Report		
Database File:	mcelvainbullseye11rce.db	
Dataset Pathname:	fruitland/bullseye1/run1/pass8	
Dataset Creation:	Tue May 08 09:32:34 2012 by Log SCH 120126	

Gamma Ray Calibration Report		
Serial Number:	060719	
Tool Model:	Probe	
Performed:	Tue May 08 08:37:32 2012	
Calibrator Value:	360.0	GAPI
Background Reading:	27.9	cps
Calibrator Reading:	87.8	cps
Sensitivity:	1.3470	GAPI/cps

Segmented Cement Bond Log Calibration Report		
Serial Number:	060631	
Tool Model:	Probe	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	352.258	ft

Master Calibration, performed Tue May 08 08:53:35 2012:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	0.495	0.450	91.000	183.008	0.425
CAL	0.462	0.526				
5'	0.001	0.460	0.450	91.000	197.374	0.185
SUM						
S1	0.002	0.472	0.450	91.000	192.663	0.085
S2	0.002	0.479	0.450	91.000	189.586	0.141
S3	0.002	0.504	0.450	91.000	180.227	0.167
S4	0.001	0.536	0.450	91.000	169.137	0.275
S5	0.001	0.530	0.450	91.000	171.257	0.233
S6	0.001	0.502	0.450	91.000	180.739	0.225
S7	0.001	0.474	0.450	91.000	191.353	0.205
S8	0.001	0.474	0.450	91.000	191.480	0.203



Internal Reference Calibration, performed Wed Dec 31 17:00:00 1969:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
CAL	0.000	0.000	0.462	0.526	1.000	0.000

Air Zero Calibration, performed Fri Apr 06 13:17:05 2012:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
	<hr/>		<hr/>		<hr/>	
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	