RADIAL BOND LOG WITH GAMMA RAY

AXIS ENERGY SERVICES

Comp. CHEVRON
Well NEI C18-21D
Field Wattenberg
Co. Weld
State Colorado

Company **CHEVRON**
Well **NEI C18-21D**
Field **Wattenberg**
County **Weld** State **Colorado**

Location: API # : 05-123-34396
NE/SW
SEC 6 TWP 4N RGE 64W

Other Services

Permanent Datum	GL	Elevation	4835
Log Measured From	KB 13	Above Perm. Datum	
Drilling Measured From	KB		

Elevation
K.B. 4848
D.F. 4847
G.L. 4835

Date of Service	04/09/2024		
Run Number	ONE		
Depth Driller or PBTD	8025		
Depth Logger	3000		
Bottom Log Interval	30004		
Top Log Interval	SURFACE		
Open Hole Size	7.875		
Type Fluid	WATER		
Fluid Level	Full		
Fluid Density	N/A		
Max. Recorded Temperature	N/A		
Max. Wellhead Pressure	0		
Wellhead Connection	N/A		
Estimated Cement Top	SEE LOG		
Unit Number	5075		
Wireline Size	9/32		
Location	GREELEY CO		
Recorded By	CODY JENSEN		
Witnessed By			

	Size	Wt/Ft	Top	Bottom
Tubing Record				
Surface Casing	8.625	23	SURFACE	687
Production Casing	4.5	11.6	SURFACE	7300
Liner Record				

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.
NO GOOD PLACE TO CALIBRATE RAN OFF PREVIOUS CALIBRATION

THANK YOU FOR USING PIONEER ENERGY SERVICES!

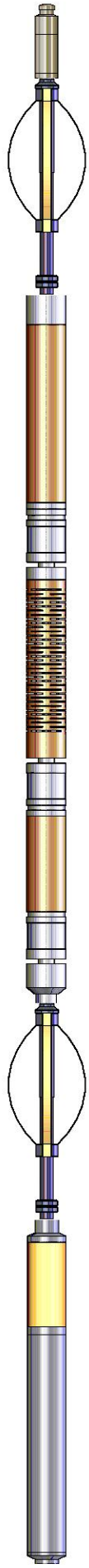
Your Pioneer Energy Services Crew

Engineer:
Operator:
Operator:
Operator:

Tool Data - Services

Serial Number

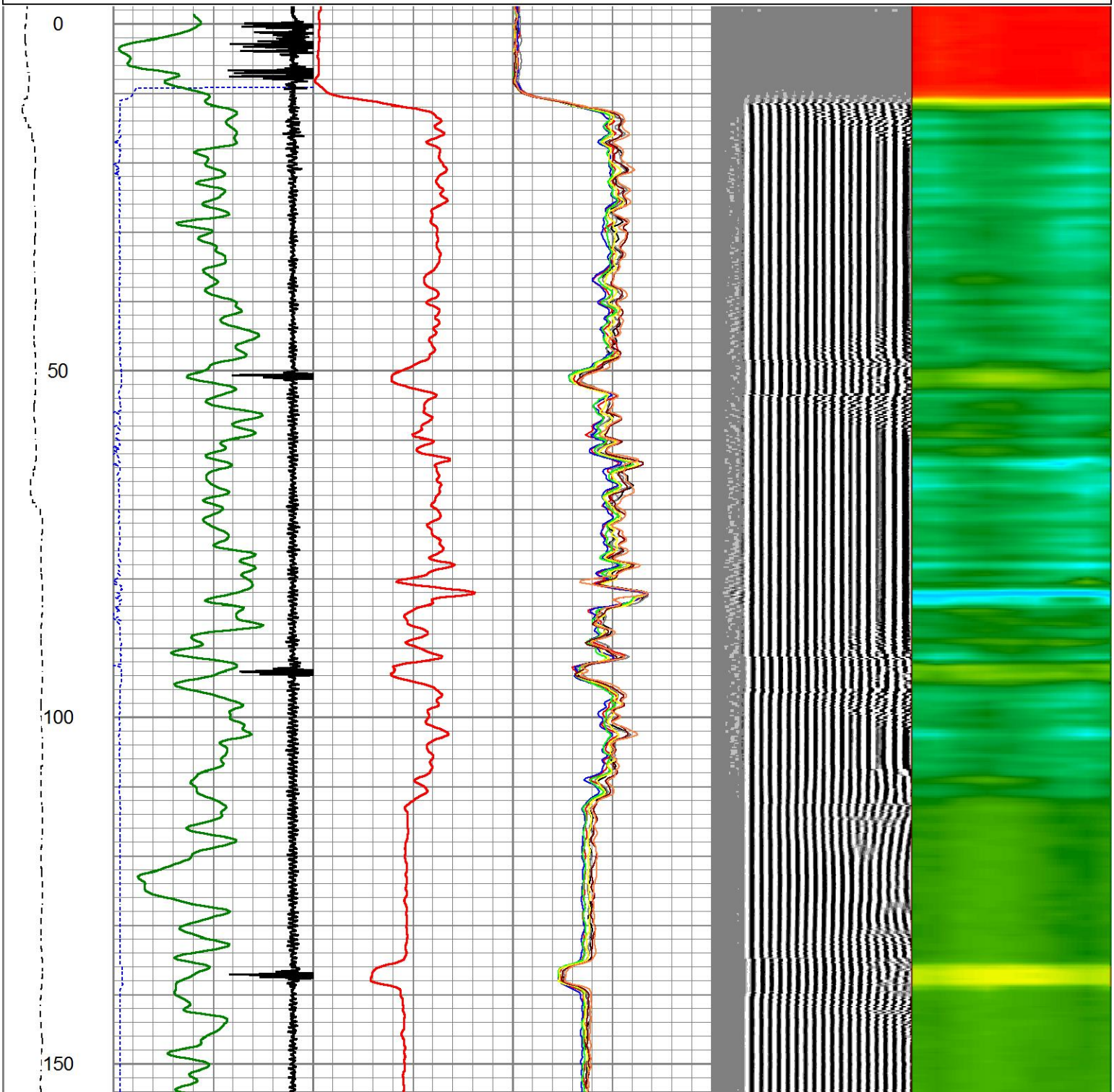
Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-1_11/16_Cablehead 1 11/16 Cablehead	1.00	1.68	5.00
			CENT-1.69variable 1.69" Centrilizer Variable Length	2.88	1.69	15.00
Temp	13.93					
			RBT-27SBT10 (Greeley Ext Temp) Probe 2.75" Radial with Integral Temperature Sub	9.39	2.75	
WVFS8	11.69					
WVFS7	11.69					
WVFS6	11.69					
WVFS5	11.69					
WVFS4	11.69					
WVFS3	11.69					
WVFS2	11.69					
WVFS1	11.69					
WVF3FT	11.69					
WVF5FT	10.69					
HEADVOLT	7.44					
WVFCAL	7.44					
			CENT-1.69variable 1.69" Centrilizer Variable Length	2.88	1.69	15.00
CCL	3.63					
			GR-27GRL10 (27GRL10-XXXX) 2-3/4" Probe Gamma Ray	4.56	2.75	50.00
GR	0.89					

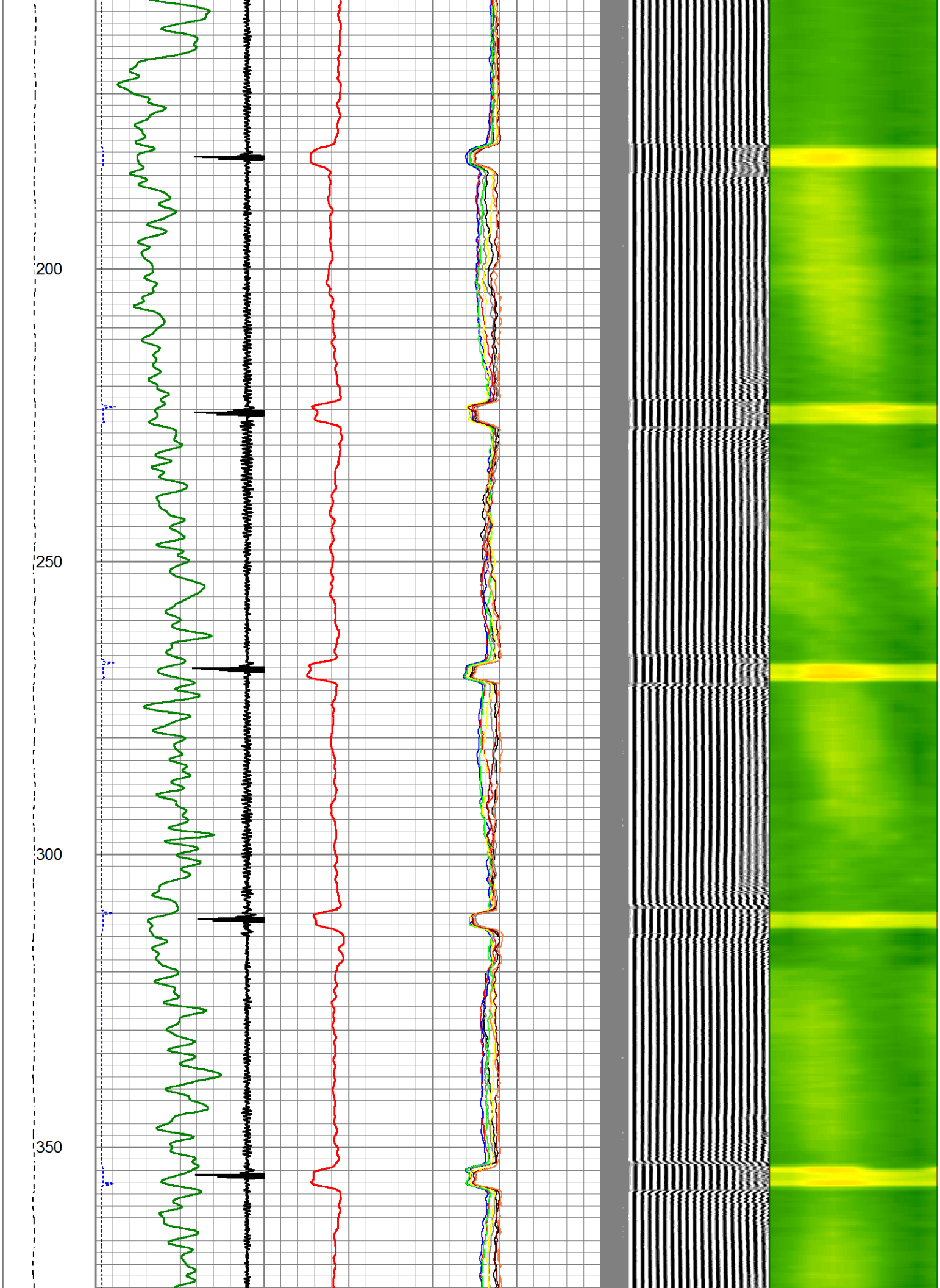


Dataset: neic18-21d.db: field/well/run1/pass10
Total length: 20.71 ft
Total weight: 85.00 lb
O.D.: 2.75 in

Database File	neic18-21d.db
Dataset Pathname	pass10
Presentation Format	ips_rbtcolorcivitas
Dataset Creation	Tue Apr 09 12:47:04 2024
Charted by	Depth in Feet scaled 1:240

LSPD (ft/min)																
0 250	200	TT (usec)	1000	0	AMP (mV)	100	0	AMPS1	120	200	VDL (usec)	1200	1	Cement Map	8
	-9	CCL	1				0	AMPS2	120						
	0	GR (GAPI)	150				0	AMPS3	120						
	150	GR (GAPI)	400				0	AMPS4	120						
							0	AMPS5	120						
							0	AMPS6	120						
							0	AMPS7	120						
							0	AMPS8	120						

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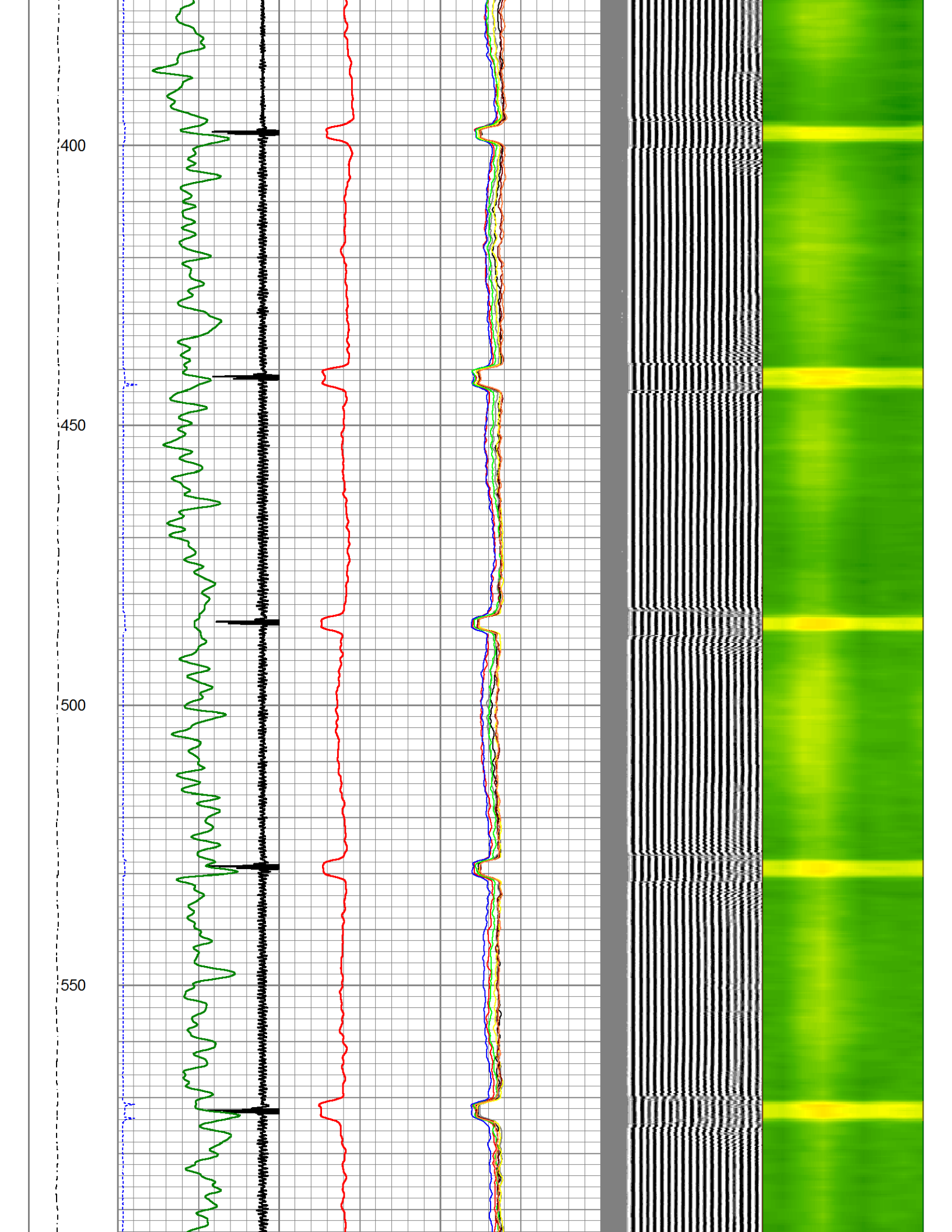
250
300
350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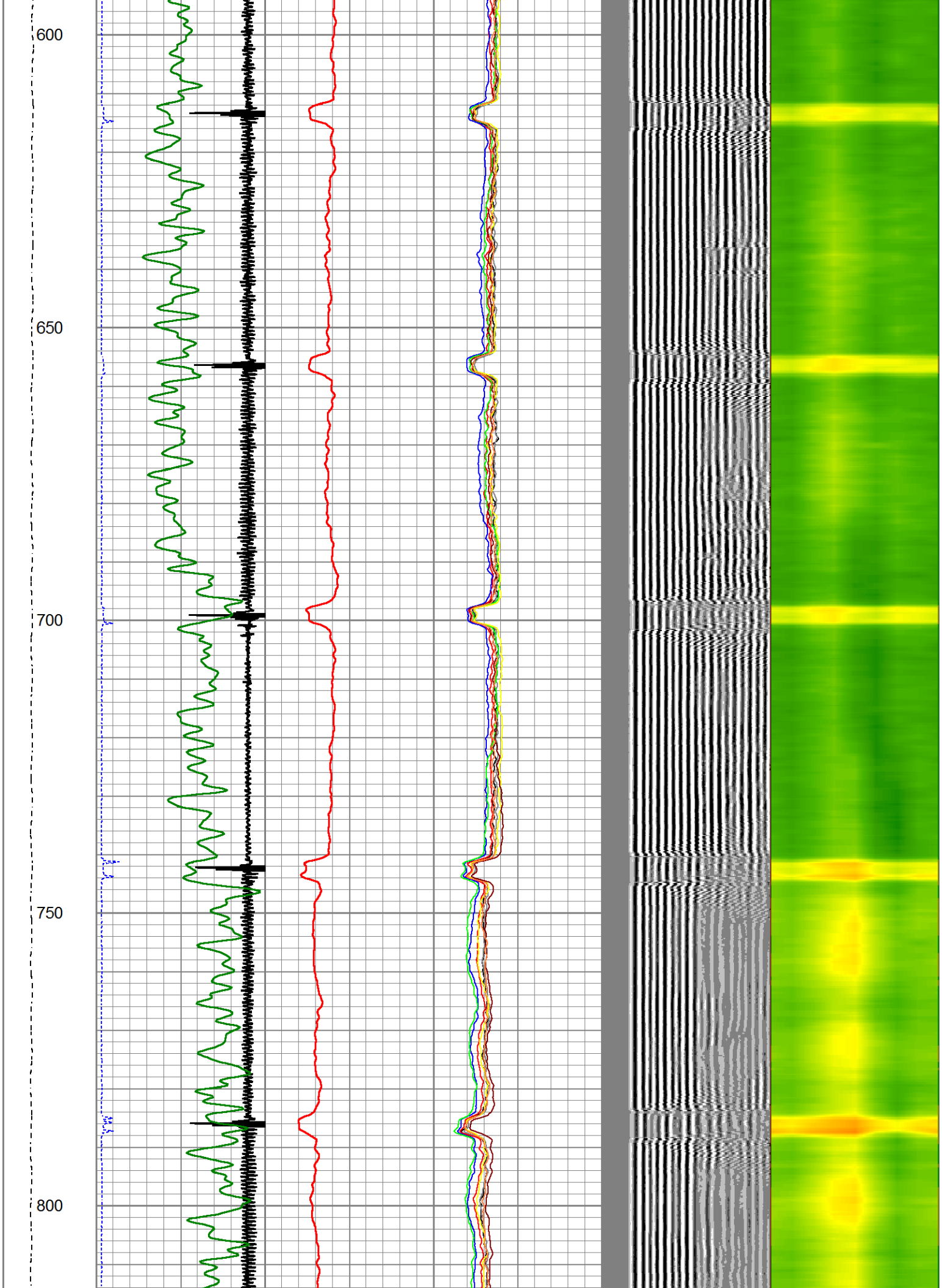
450
500
550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650
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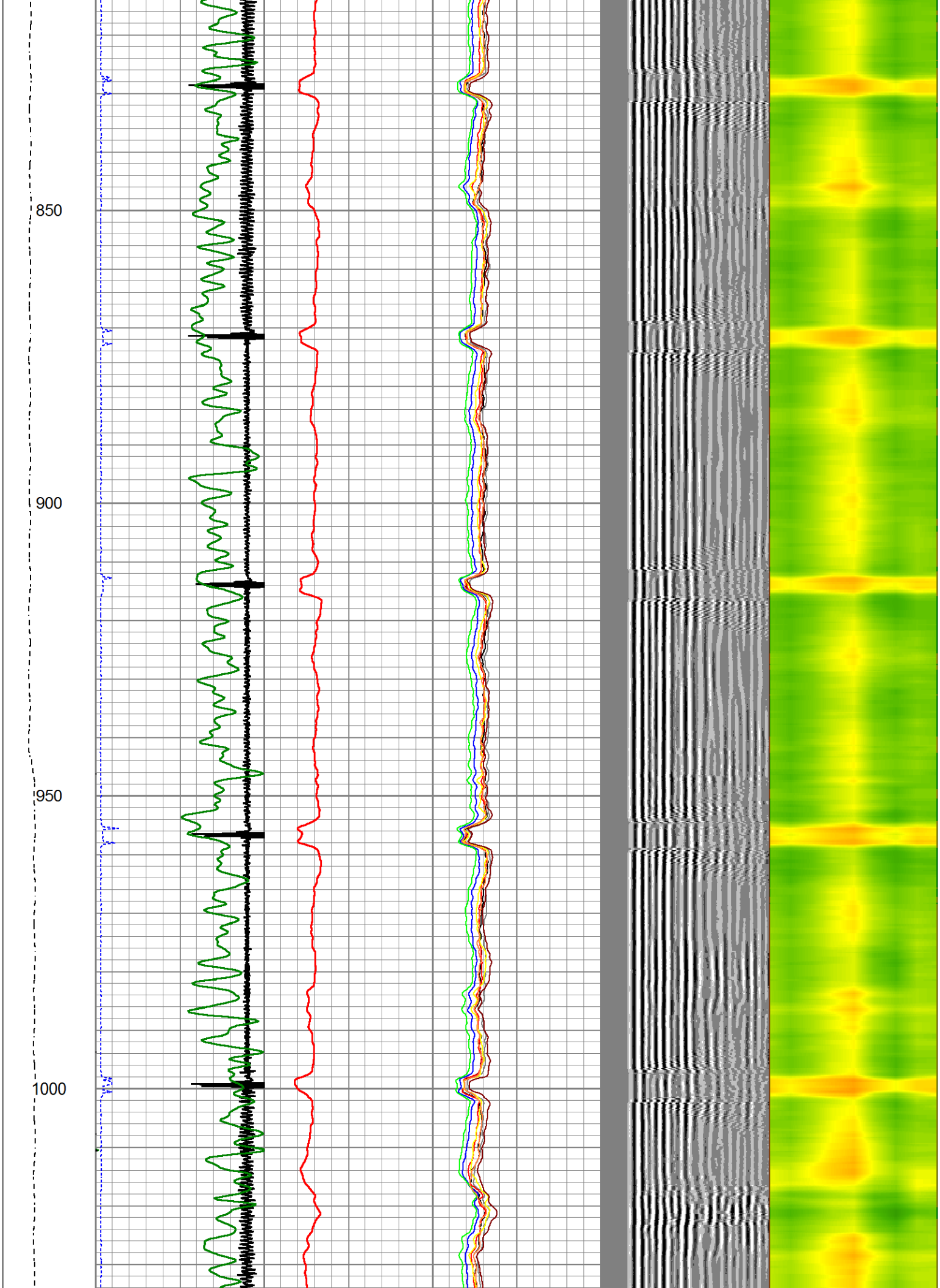
750
800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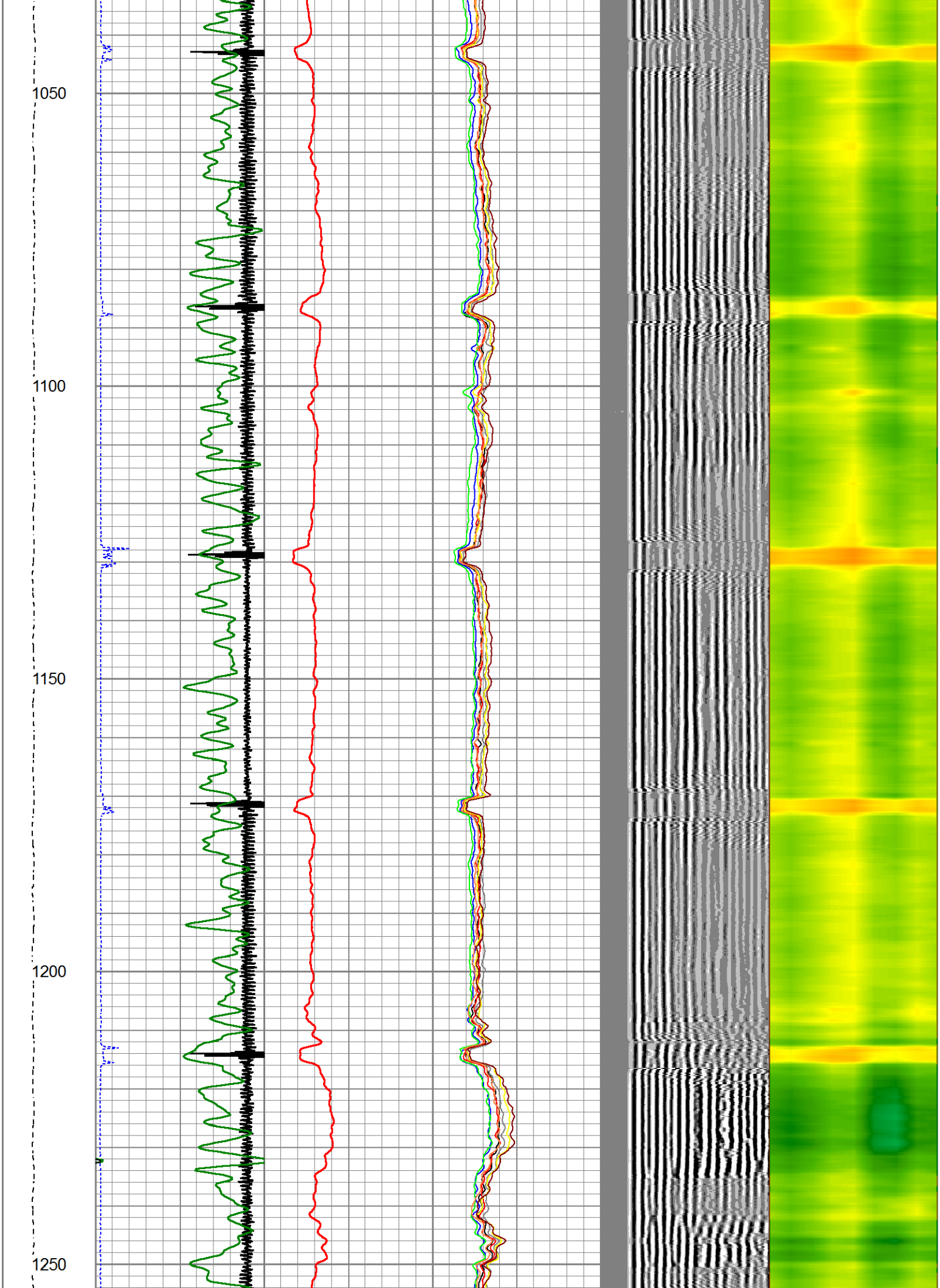
900
950
1000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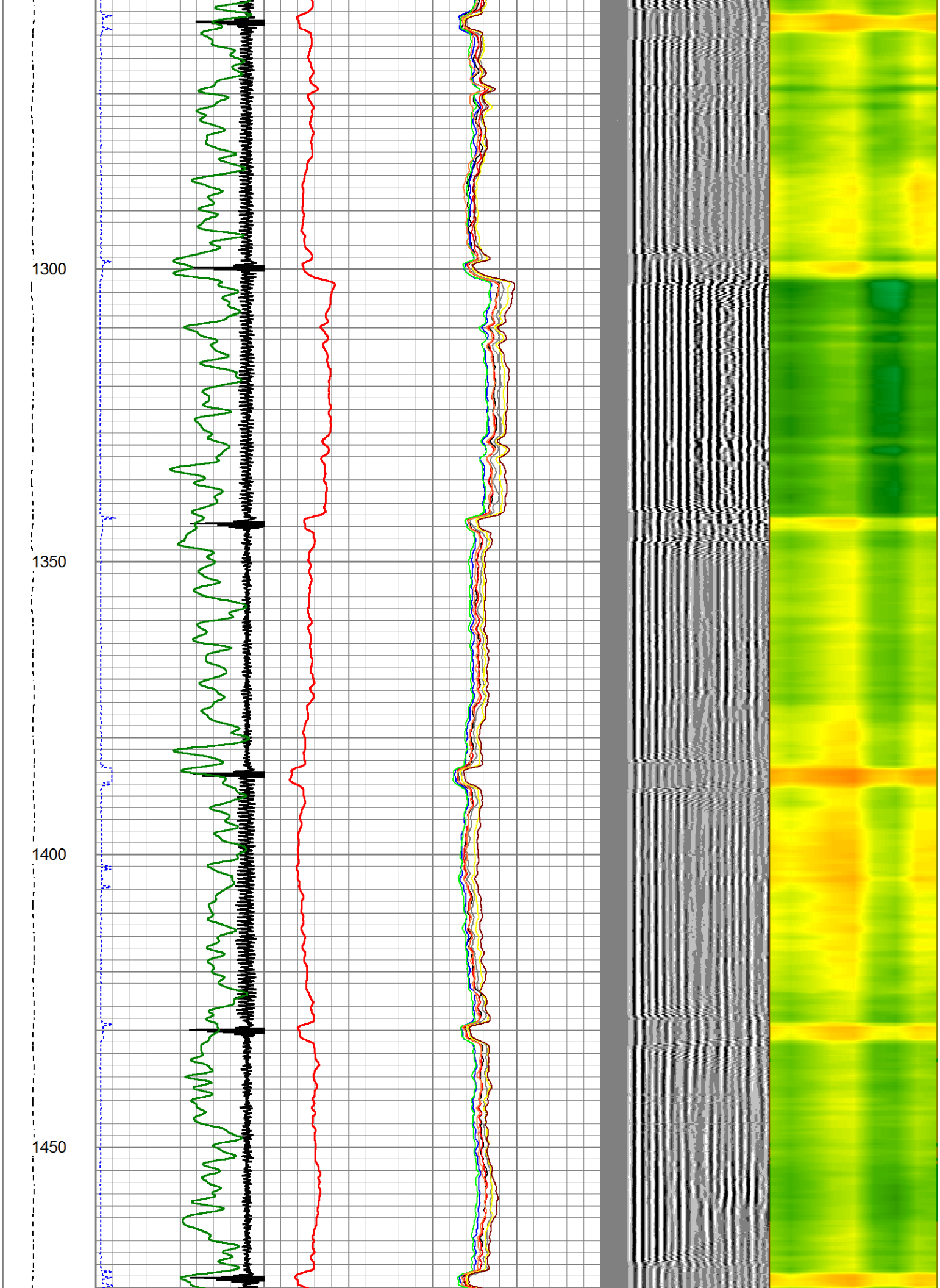
1100
1150
1200
1250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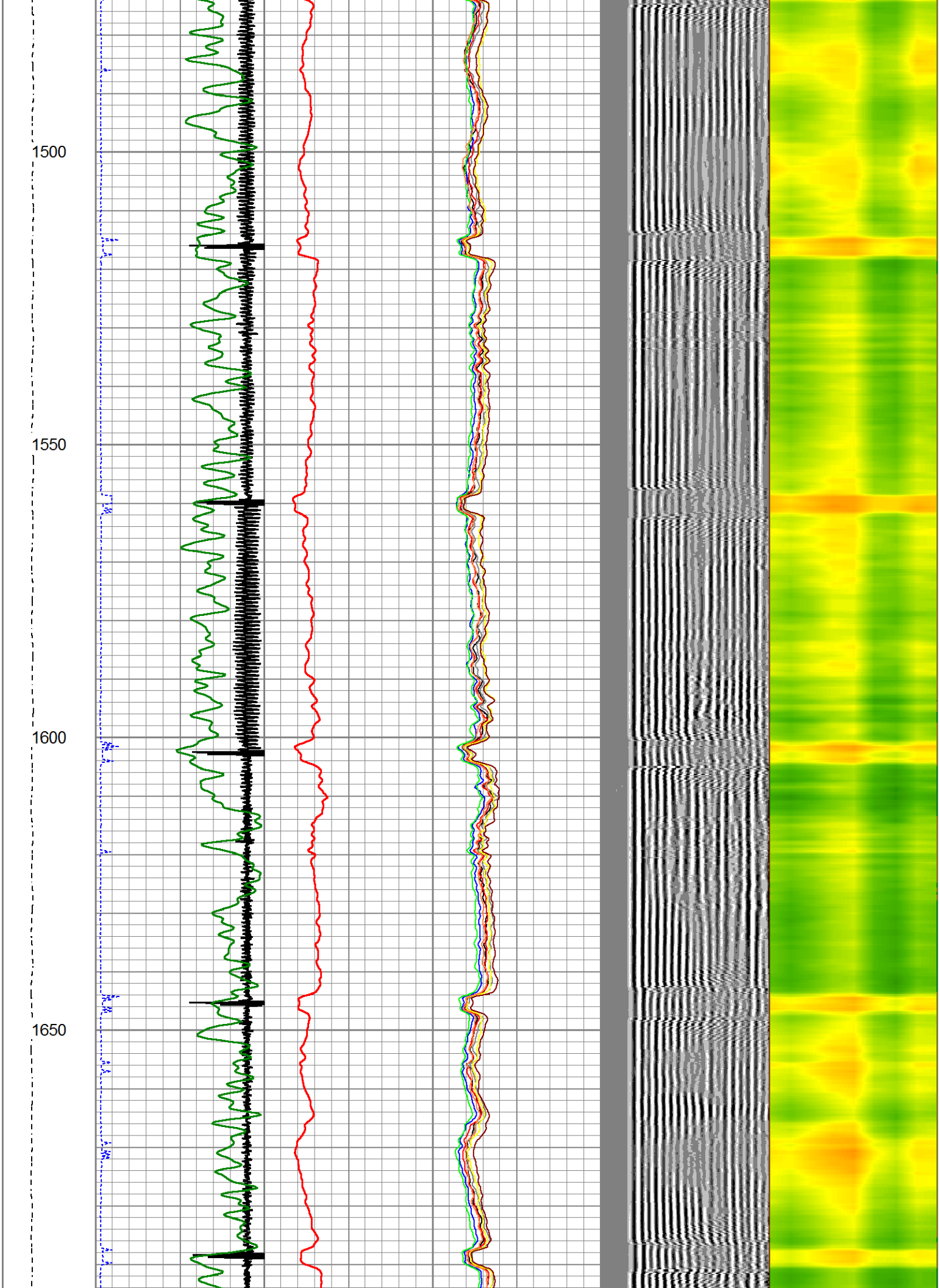
1350
1400
1450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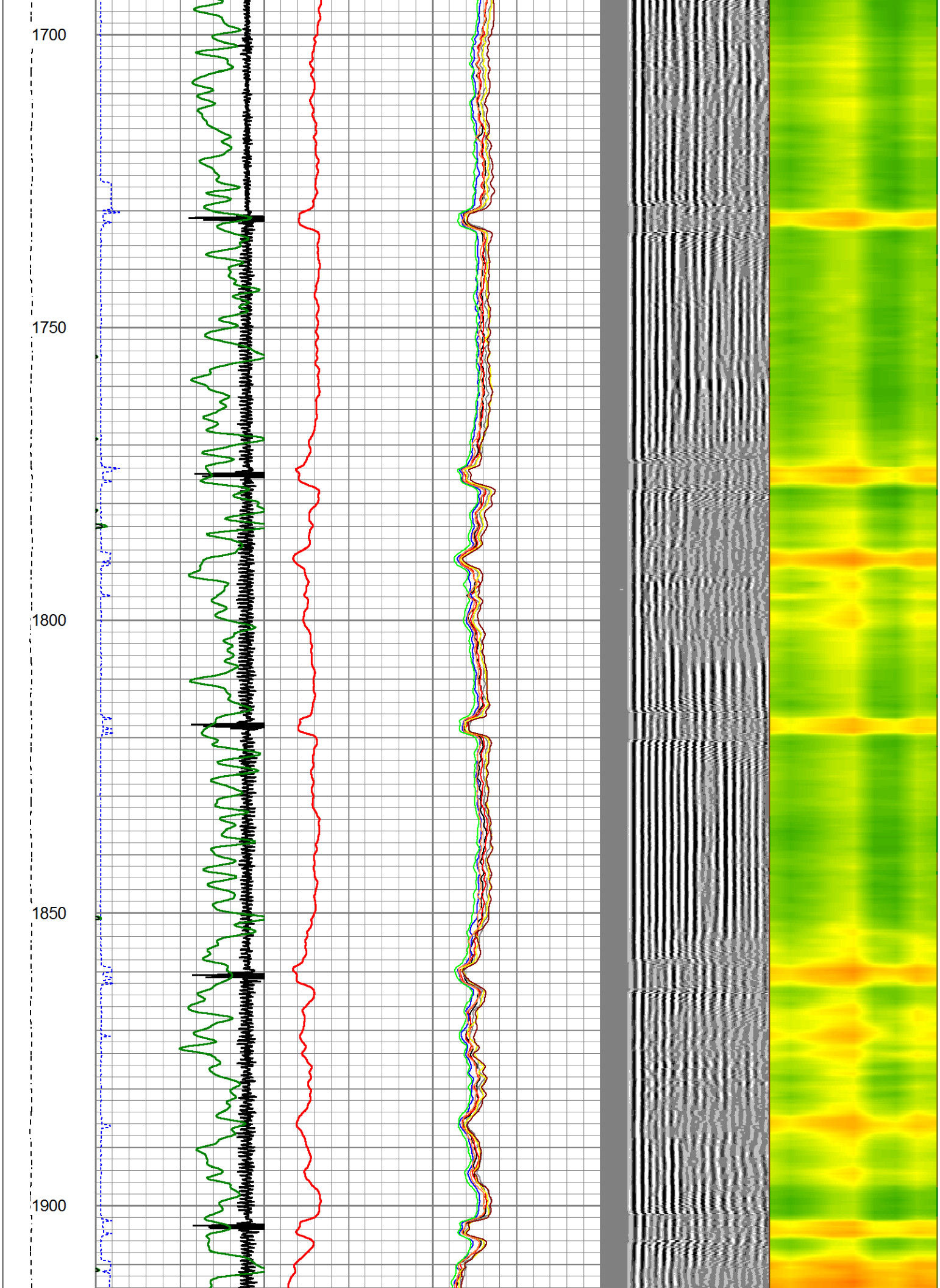
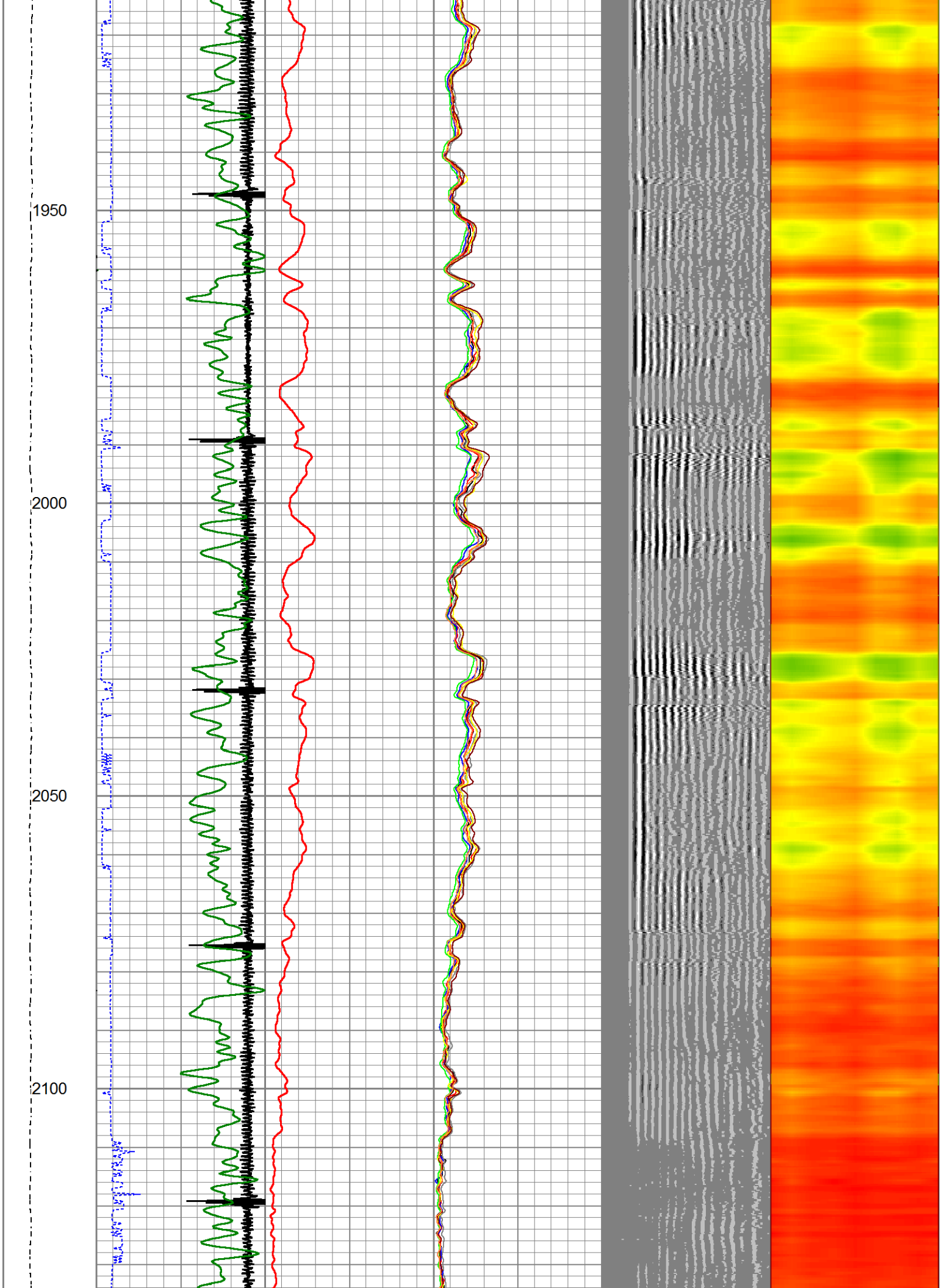

1700
1750
1800
1850
1900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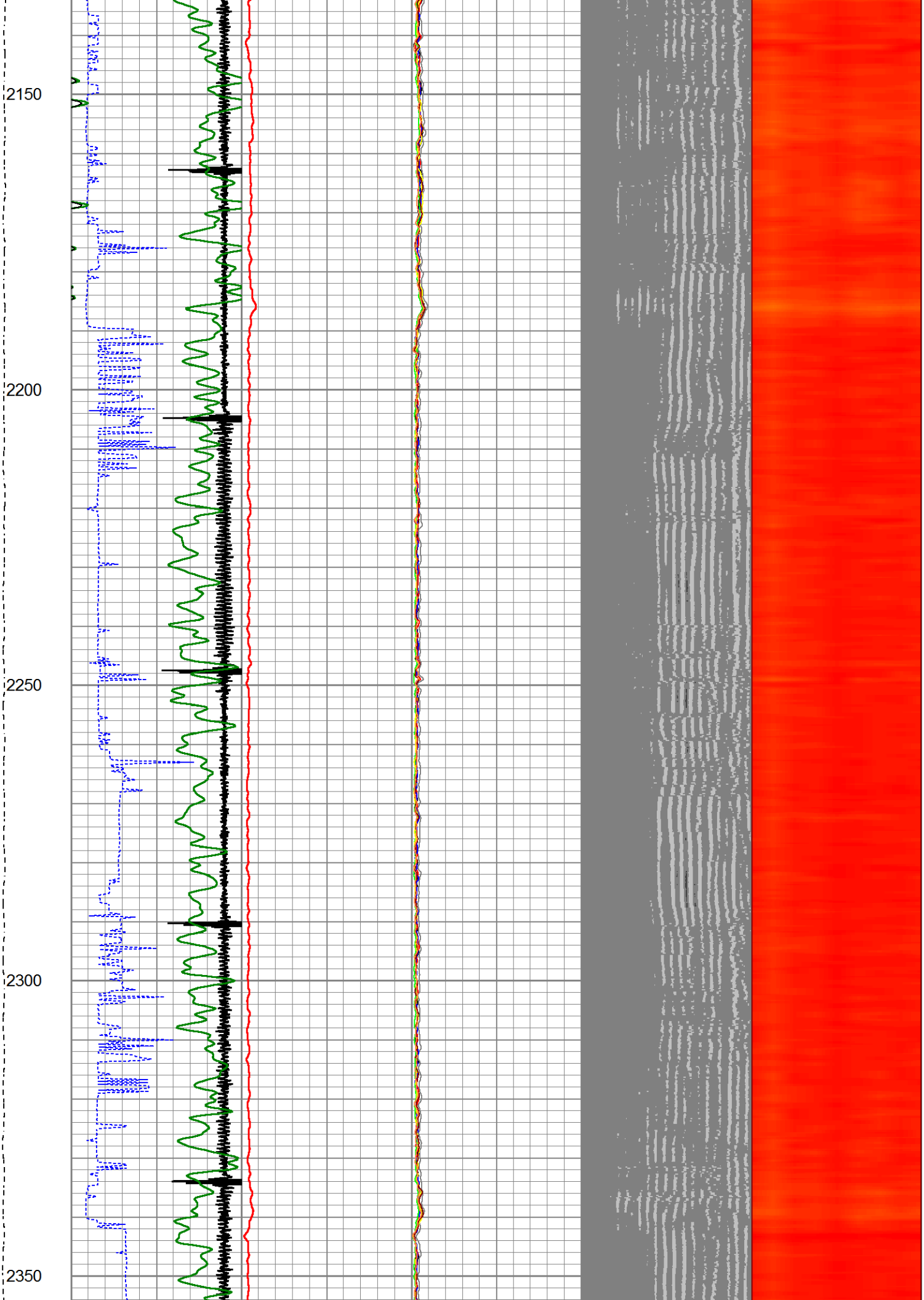
2050
2100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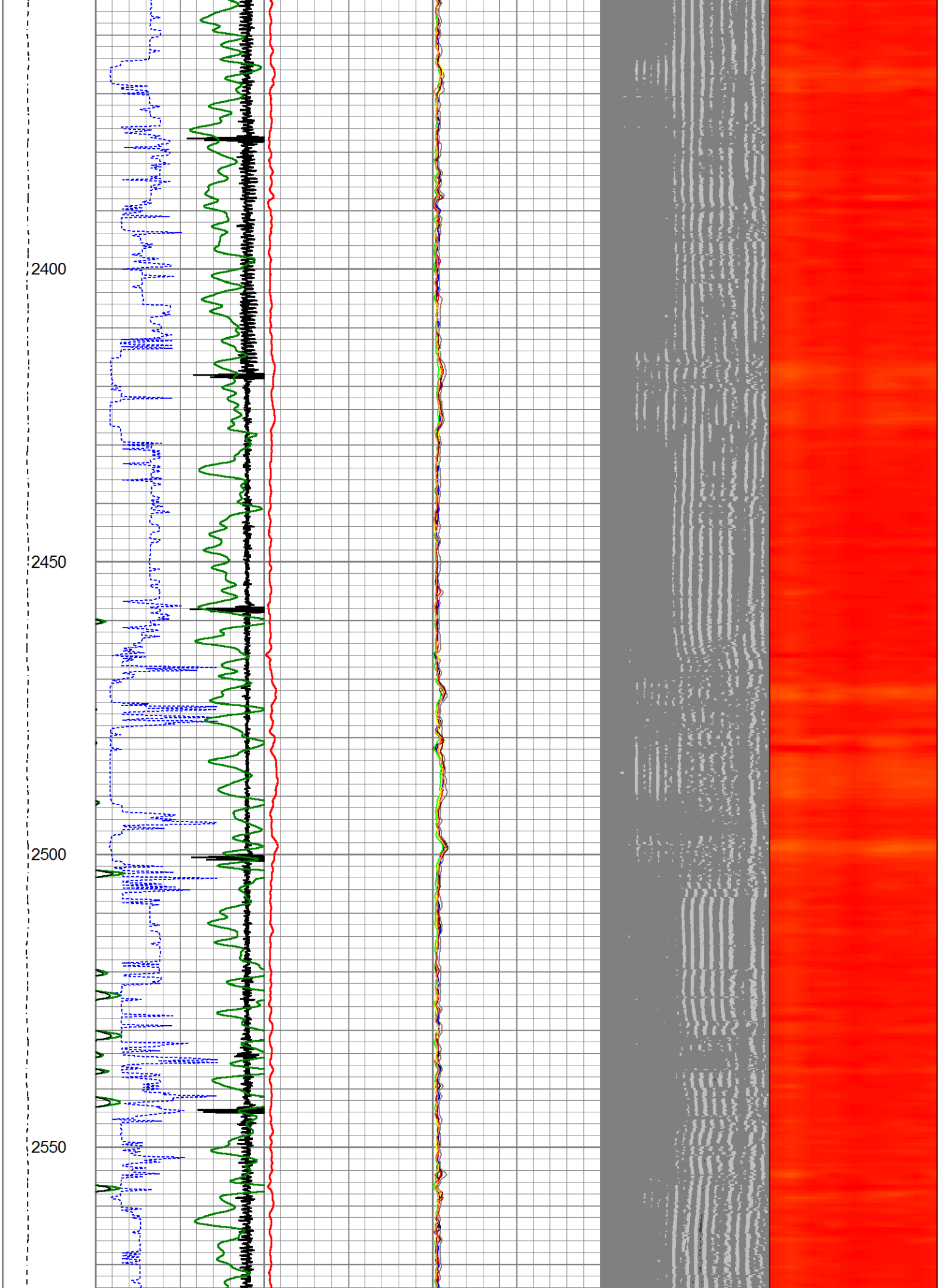
2300
2350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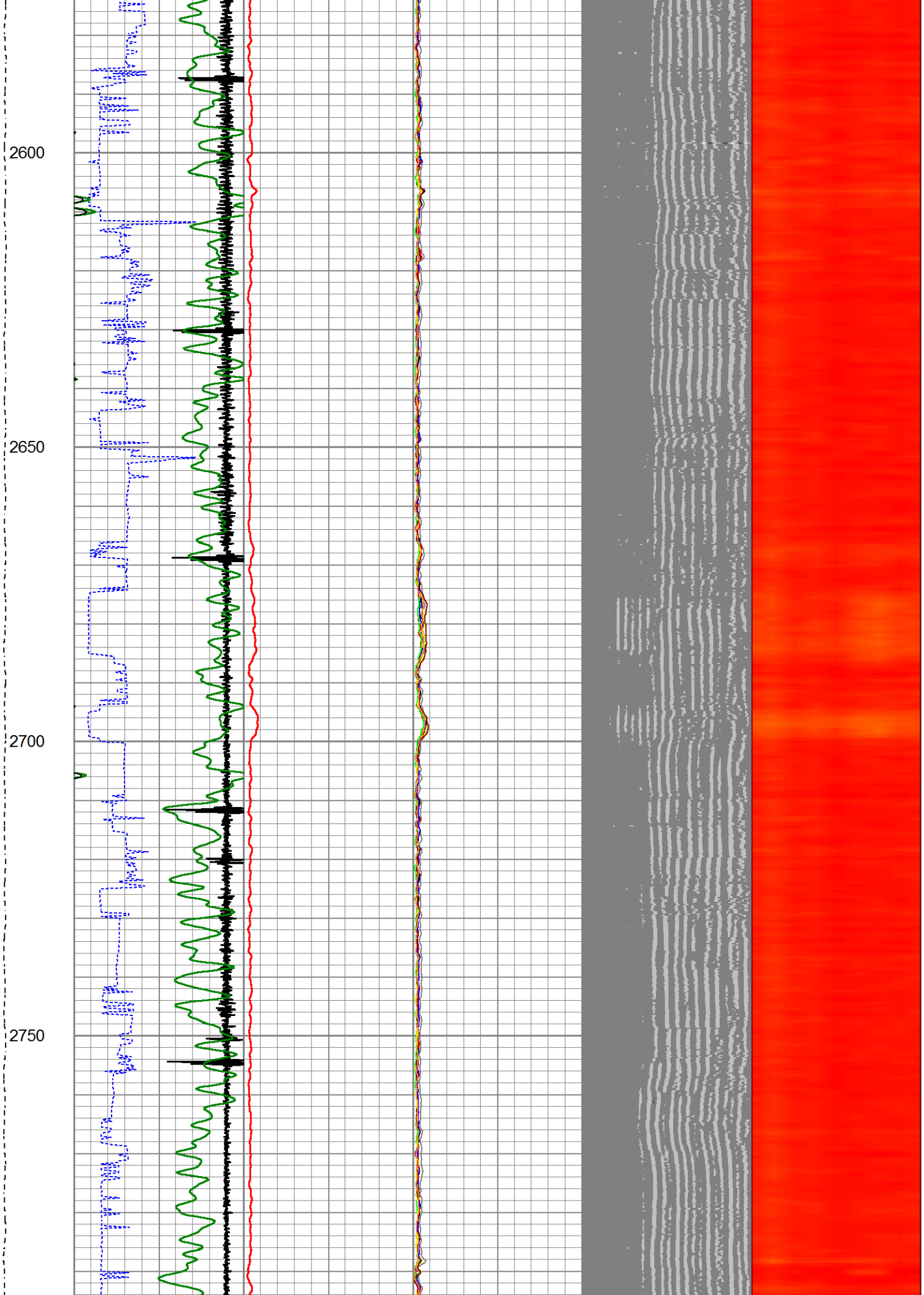
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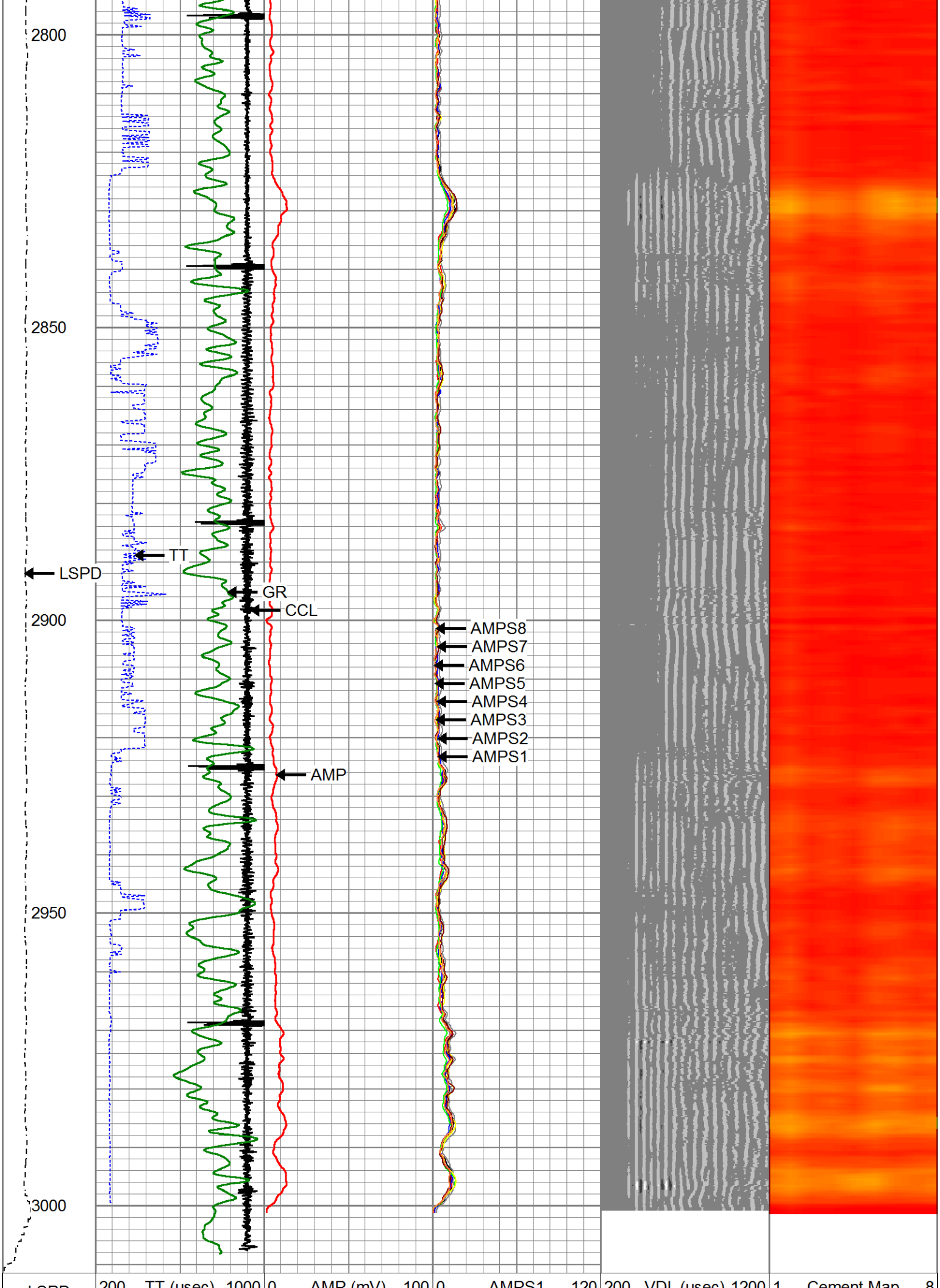
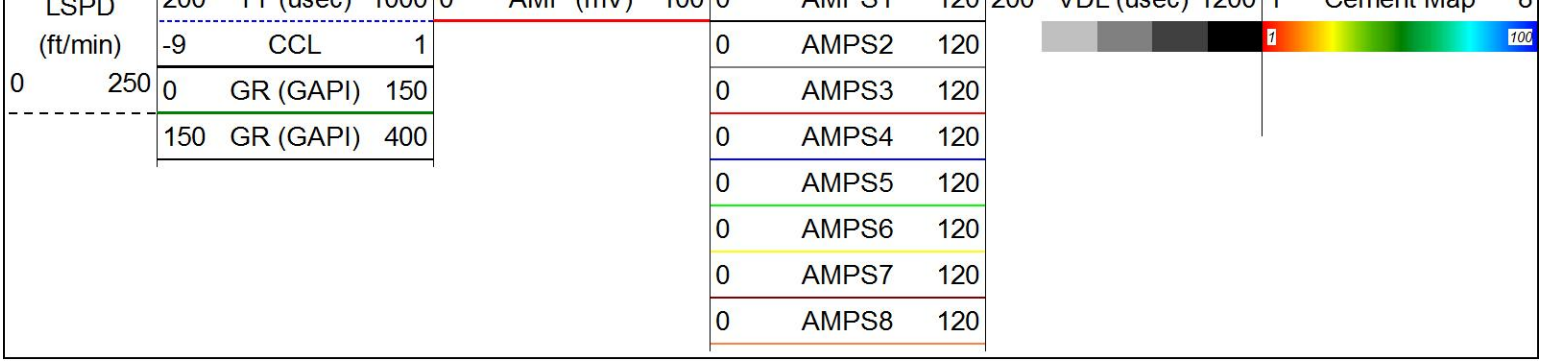

2800
2850
2900
2950
3000
LSPD
TT
GR
CCL
AMP
AMPS8
AMPS7
AMPS6
AMPS5
AMPS4
AMPS3
AMPS2
AMPS1
200 TT (usec) 1000
0 AMP (mV) 100
0 AMPS1 120
200 VDL (usec) 1200
1 Cement Map 8



Calibration Report

Database File	neic18-21d.db
Dataset Pathname	pass10
Dataset Creation	Tue Apr 09 12:47:04 2024

Gamma Ray Calibration Report

Serial Number:	27GRL10-XXXX	
Tool Model:	27GRL10	
Performed:	(Not Performed)	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	Greeley Ext Temp	
Tool Model:	27SBT10	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	2227.144	ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.023	0.706	1.000	81.196	109.911	3.547
CAL	0.445	0.634				
5'	-0.024	0.875	1.000	81.196	89.168	3.161
SUM						
S1	-0.022	0.652	0.000	81.196	120.524	2.618
S2	-0.045	0.676	0.000	81.196	112.593	5.028
S3	-0.033	0.732	0.000	81.196	106.181	3.489
S4	-0.031	0.786	0.000	81.196	99.429	3.090
S5	-0.022	0.791	0.000	81.196	99.812	2.237
S6	-0.021	0.786	0.000	81.196	100.529	2.133
S7	-0.026	0.708	0.000	81.196	110.746	2.828
S8	-0.018	0.648	0.000	81.196	121.768	2.234

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.445	0.634	1.000	0.000

Air Zero Calibration, performed Tue Apr 09 11:51:07 2024:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.018	0.000	-0.018
5'	0.018	0.000	-0.018
SUM			
S1	0.018	0.000	-0.018
S2	0.018	0.000	-0.020
S3	0.019	0.000	-0.021
S4	0.018	0.000	-0.018
S5	0.017	0.000	-0.022
S6	0.017	0.000	-0.021
S7	0.016	0.000	-0.023
S8	0.016	0.000	-0.017

AXIS ENERGY SERVICES

Company	CHEVRON
Well	NEI C18-21D
Field	Wattenberg
County	Weld
State	Colorado