



RADIAL CEMENT
BOND LOG

Company CONFLUENCE
Well JUDY 3-4
Field WATTENBERG
County WELD State COLORADO

Location: API # : 05-123-50294
SW SW
Other Services NONE
Permanent Datum SEC 34 TWP 1N RGE 65W
Log Measured From GROUND LEVEL Elevation 5139'
Drilling Measured From KELLY BUSHING
K.B. 5151.5'
D.F. 5150.5'
G.L. 5139'

Date

24 SEPT 2019

Run Number ONE
Depth Driller 7730'
Depth Logger 7690'
Bottom Logged Interval 7690'
Top Log Interval SURFACE
Open Hole Size 6.25"
Type Fluid WATER
Density / Viscosity ~8.3#
Max. Recorded Temp. NA
Estimated Cement Top 2206'
Time Well Ready ROA
Time Logger on Bottom 1330
Equipment Number W-060
Location WINDSOR, CO
Recorded By T. HAWLEY
Witnessed By JUSTIN GALE

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
1	8.75"	0'	1546'				
2	6.25"	1565'	7730'				

Casing Record
Surface String 8.625 J-55 Wgt/Ft 24# Top 0' Bottom 1546'
Prot. String
Production String 4.5" P-110 11.6# 1546' 7720'
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.

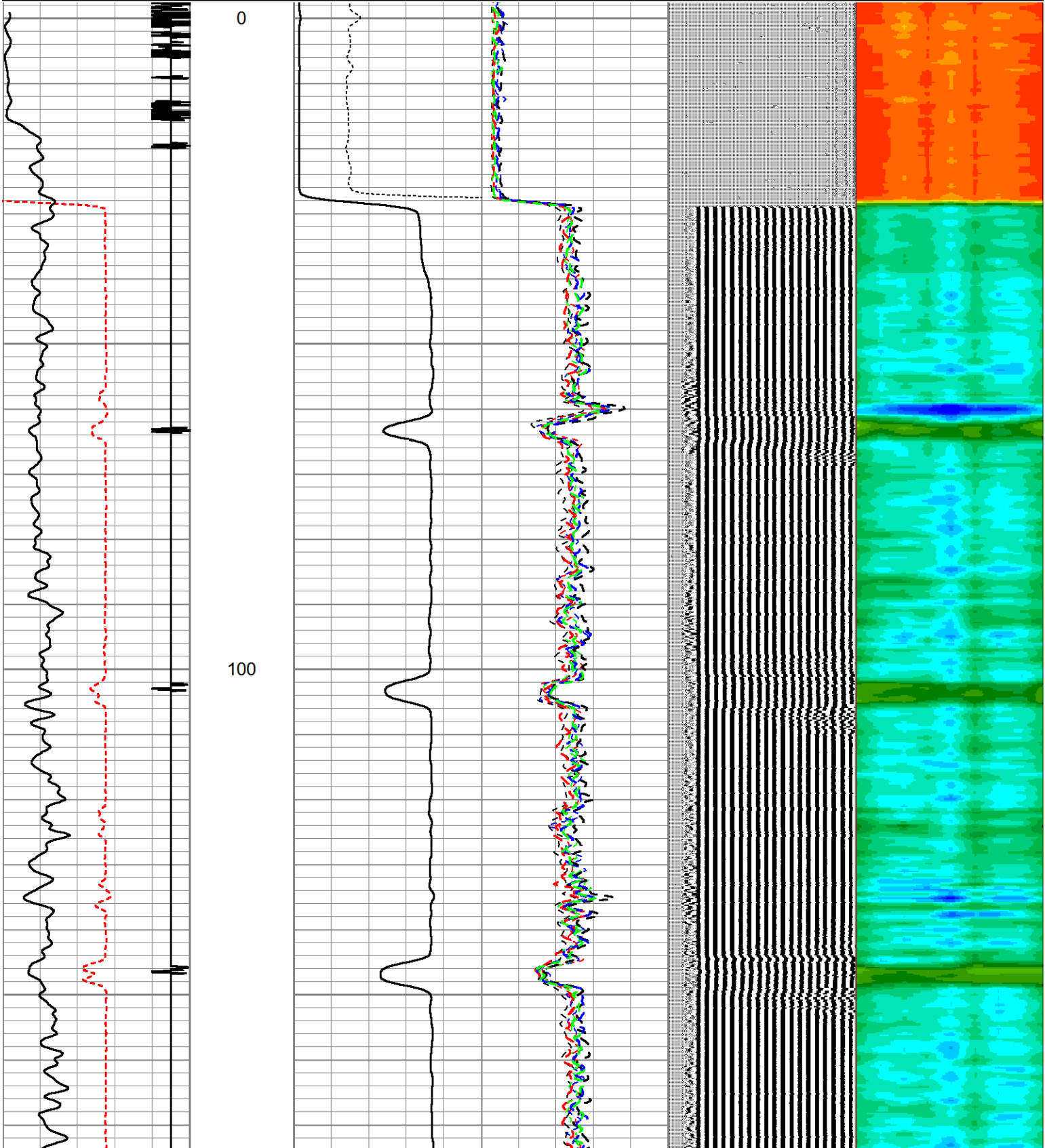
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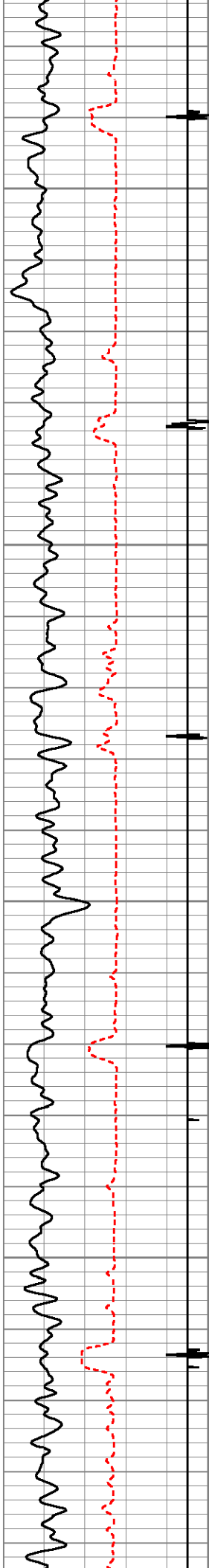
THANK YOU FOR USING CUTTERS WIRELINE
LOG RAN UNDER 0PSI
LOG ZEROED AT SURFACE, ADJUSTED -2' TO CORRELATE TO MARKER JOINT

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			Standard Standard Cable Head	1.00	1.69	1.00

WVF3FT	8.69		RBT-Probe (110217) Probe 2.75" Radii Bond Tool	8.75	2.75	90.00		
WVFCAL	8.69							
WVFS1	8.69							
WVFS2	8.69							
WVFS3	8.69							
WVFS4	8.69							
WVFS5	8.69							
WVFS6	8.69							
WVFS7	8.69							
WVFS8	8.69							
WVF5FT	7.69							
CCL	3.50							
IntTemp	2.00		GR-275D_INC (DIG110254) 2-3/4" GR-CCL with Inclination	4.50	2.75			
ACCX	1.83							
ACCY	1.83							
ACCZ	1.83							
GR	0.83							
Dataset: judy 3-4.db: field/well/run1/pass7 Total Length: 14.25 ft Total Weight: 91.00 lb O.D. 2.75 in								

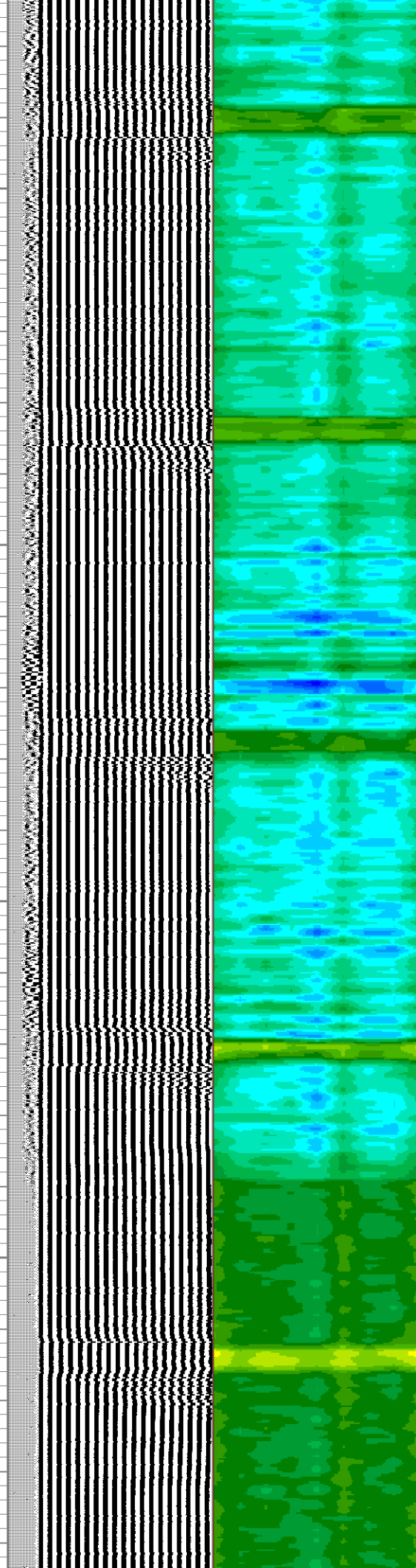
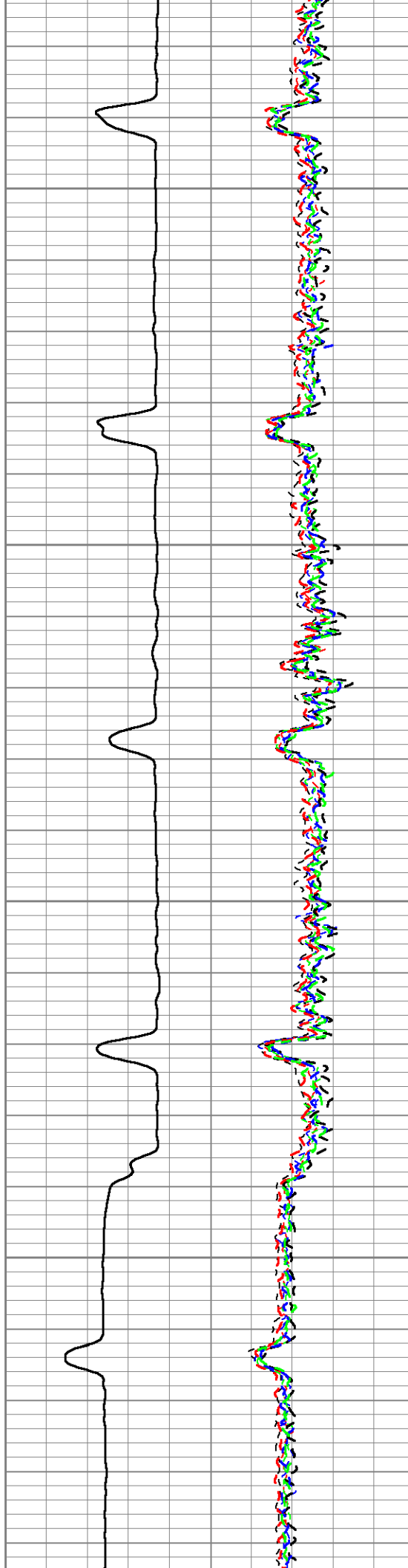
Charted by:			Depth in Feet scaled 1.240														
400	TT (usec)	100	0	AMP (mV)	100	-5	AMPS1	150	200	VDL	1200	1	Cement Map	8			
-9	CCL	1	0	AMPx10 (mV)	10	-5	AMPS2	150				0		100			
0	GR (GAPI)	300				-5	AMPS3	150									
						-5	AMPS4	150									
						-5	AMPS5	150									
						-5	AMPS6	150									
						-5	AMPS7	150									
						-5	AMPS8	150									

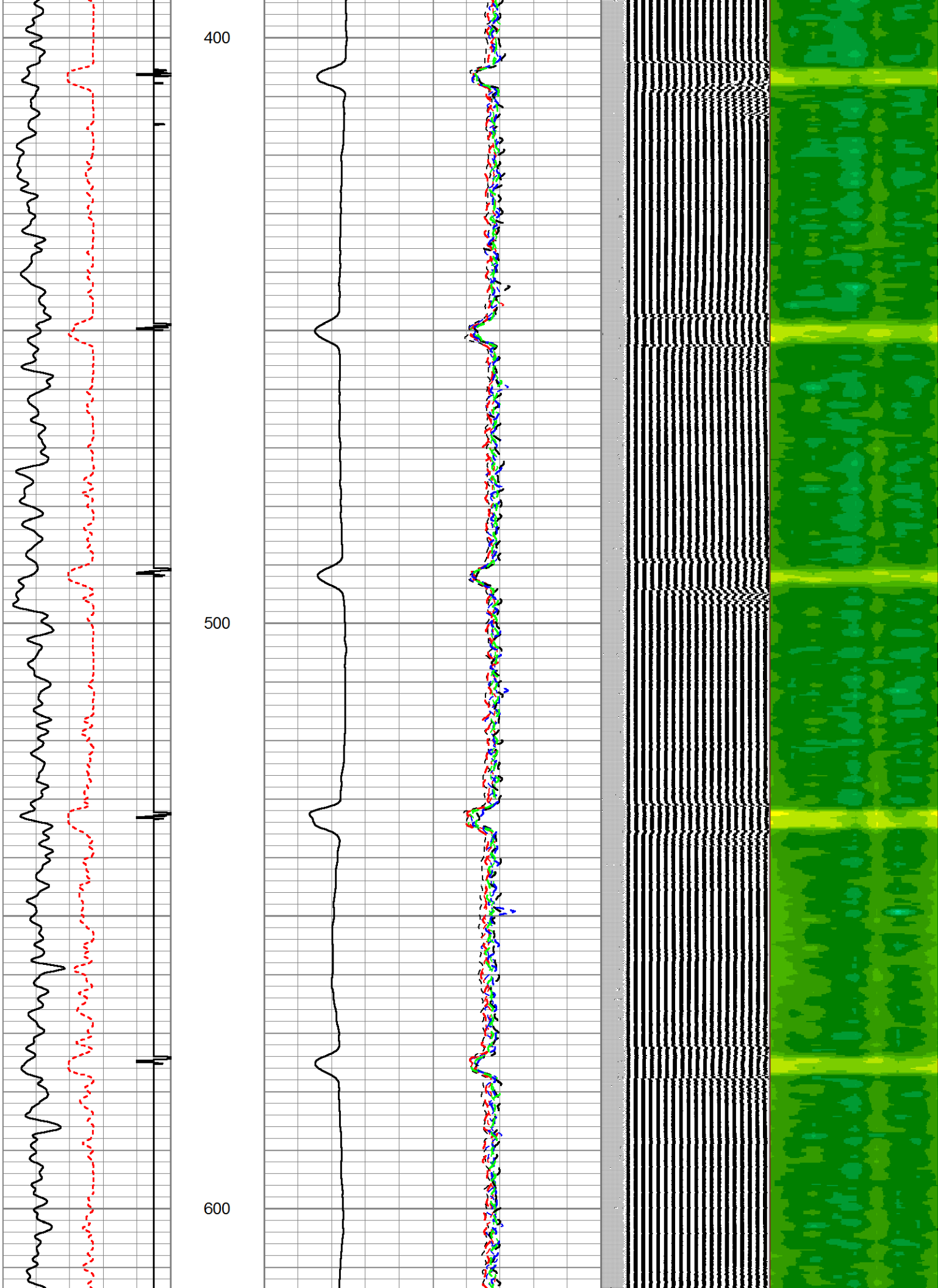


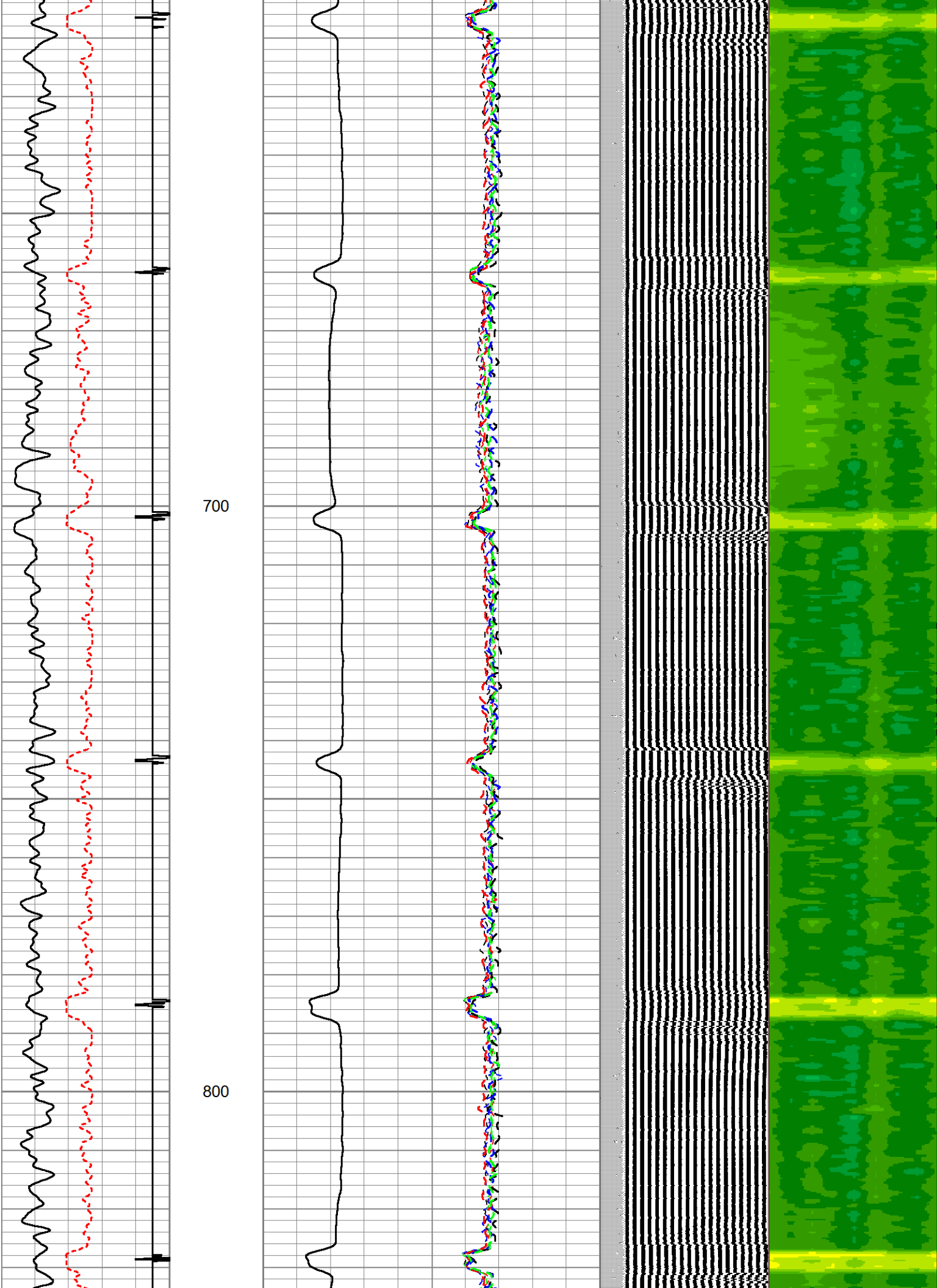


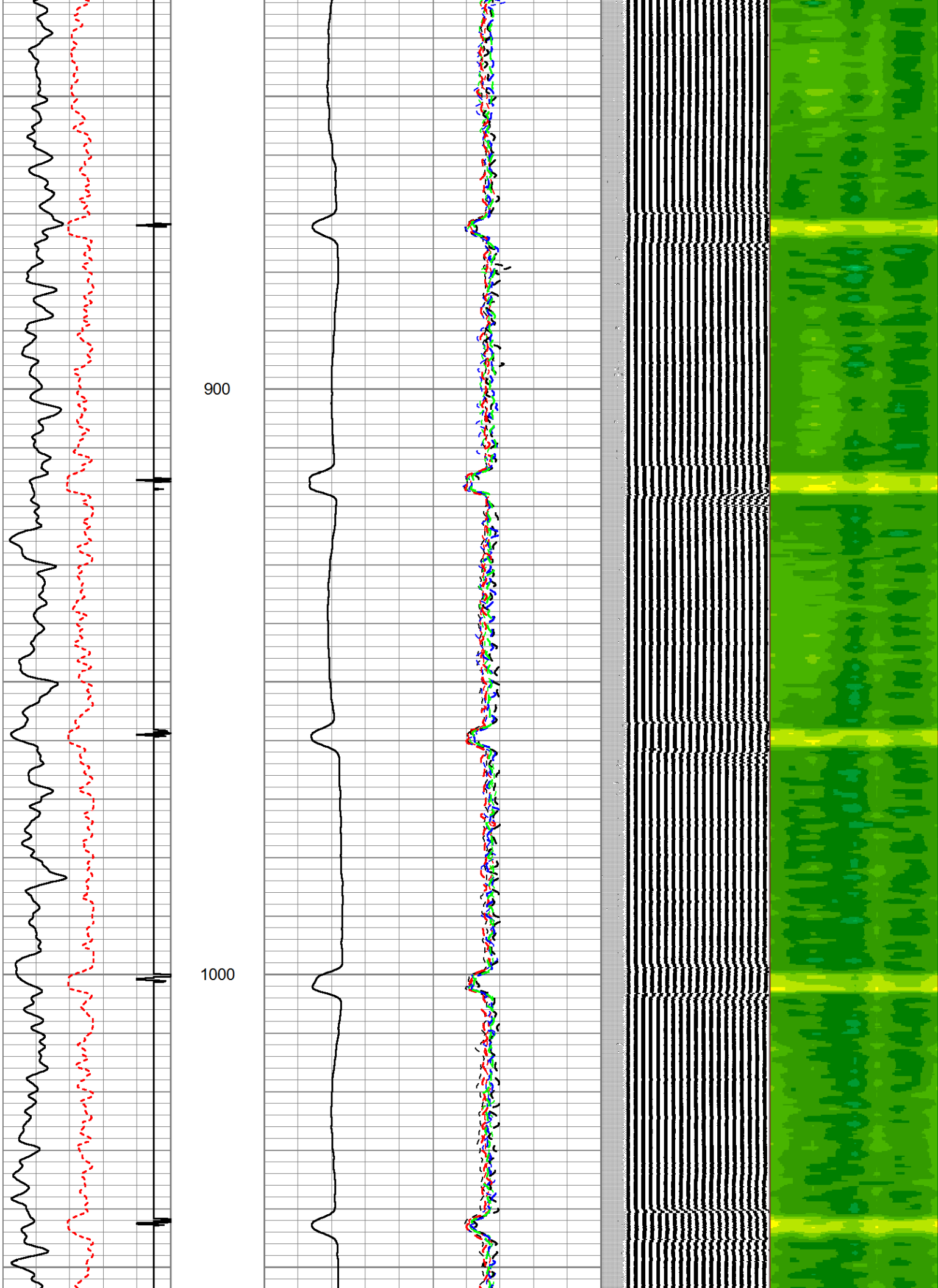
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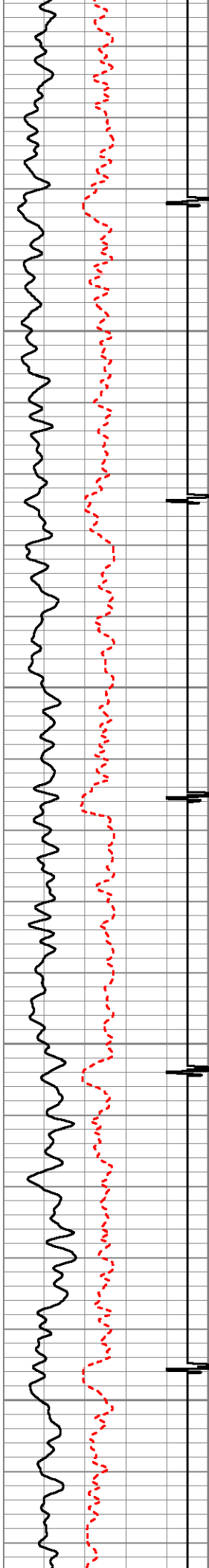
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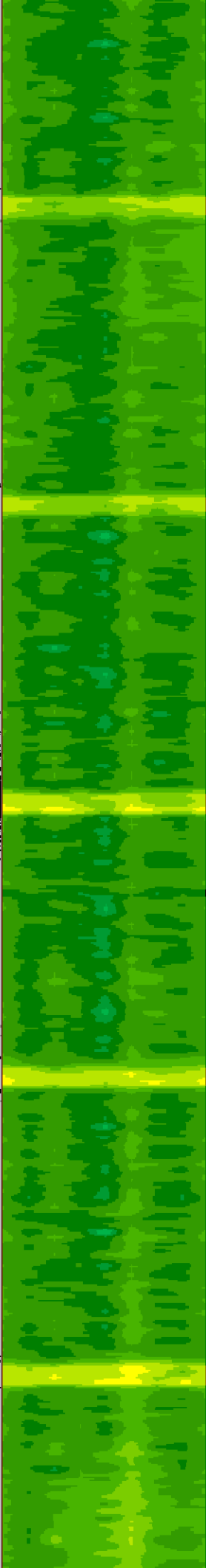
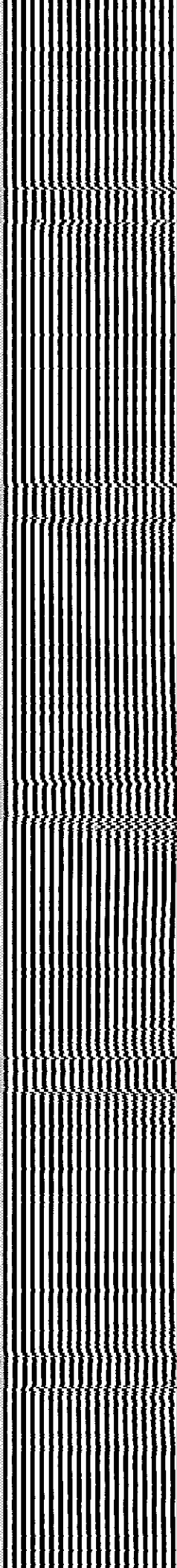
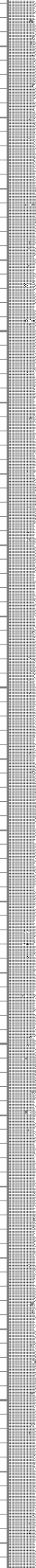
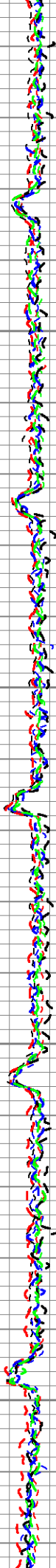
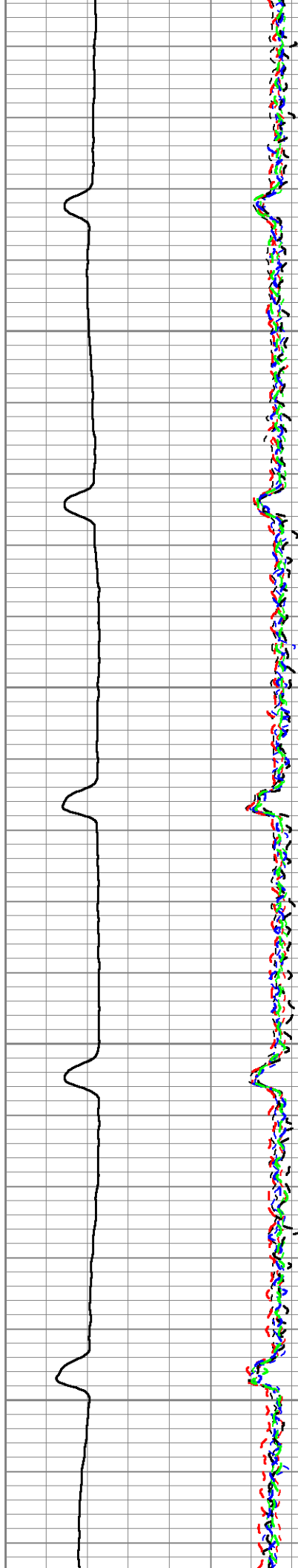


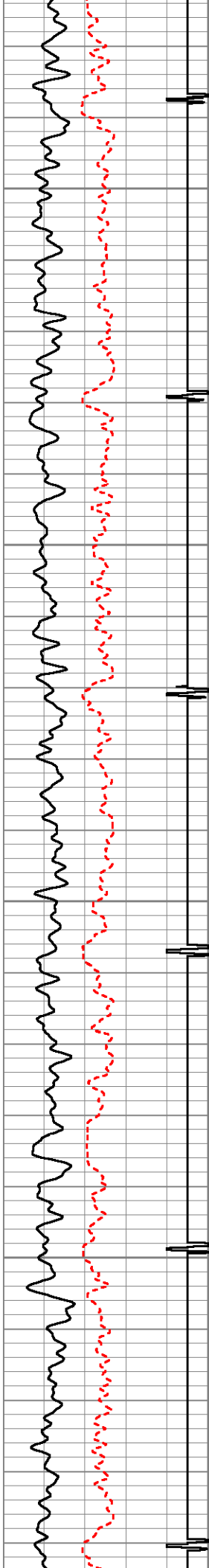




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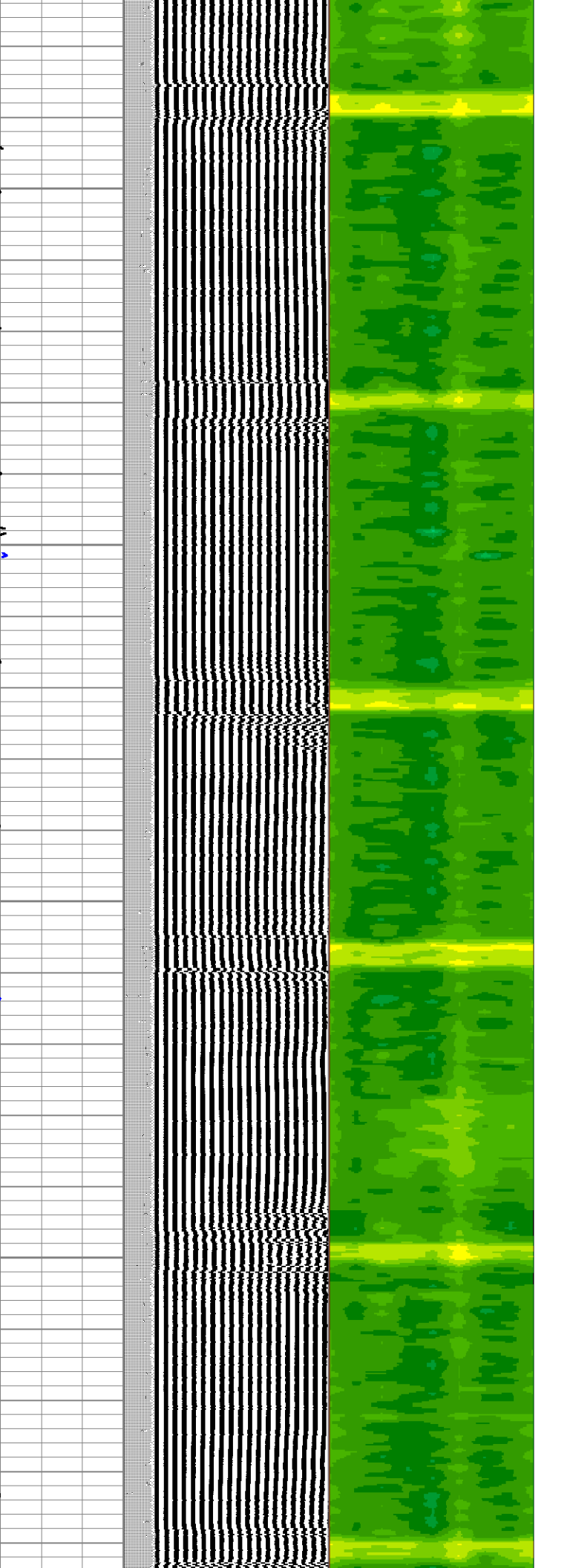
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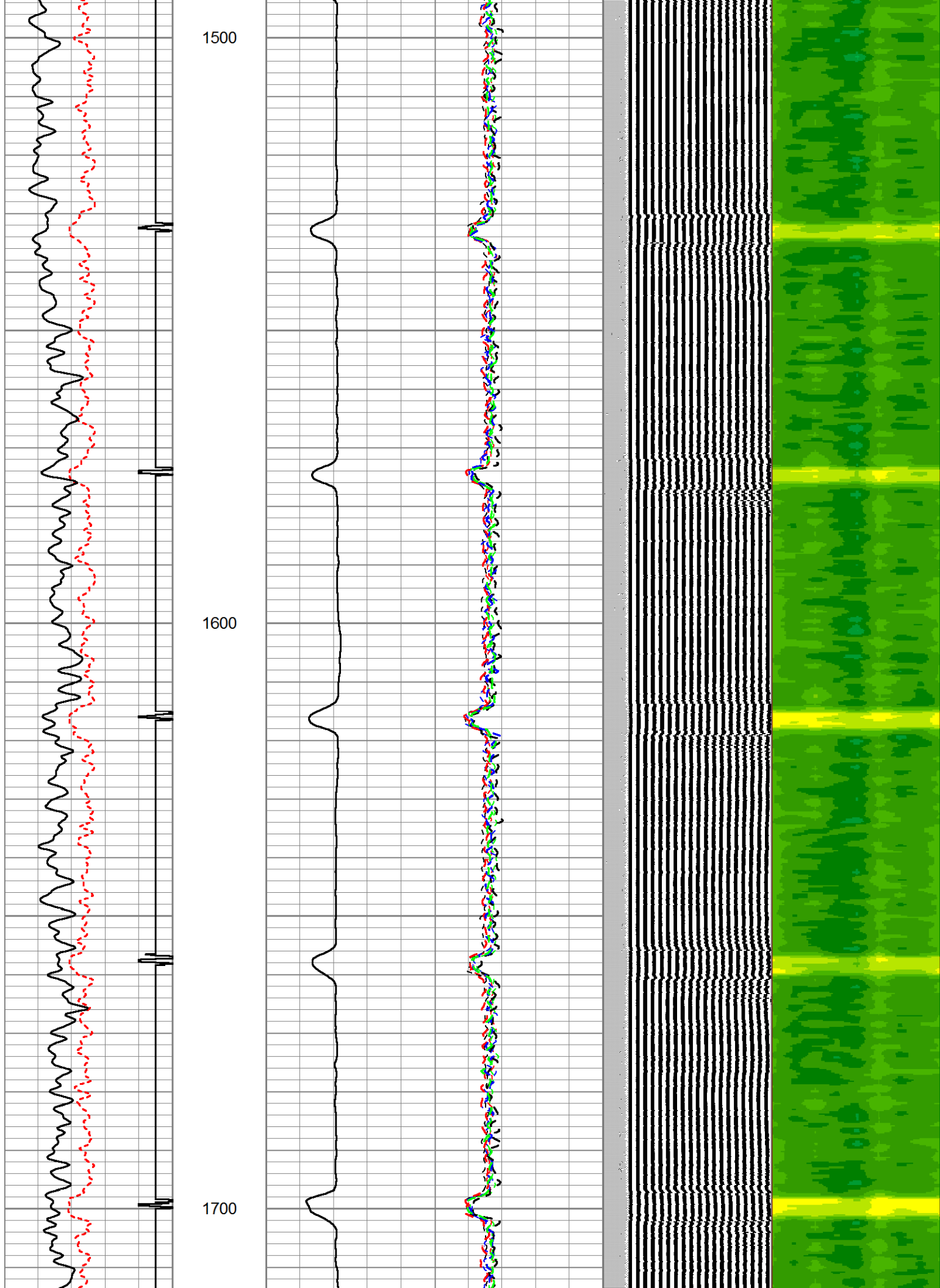


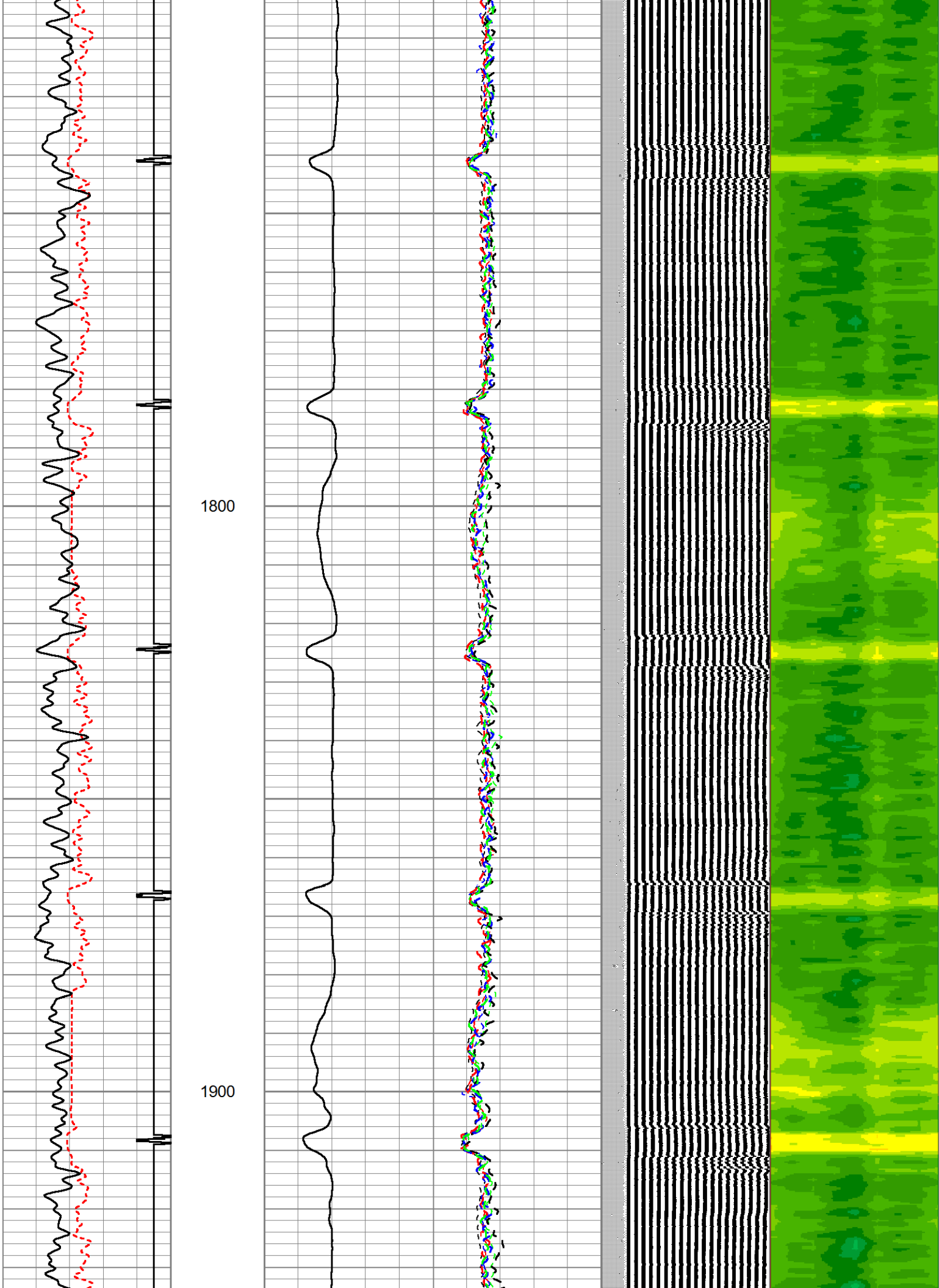


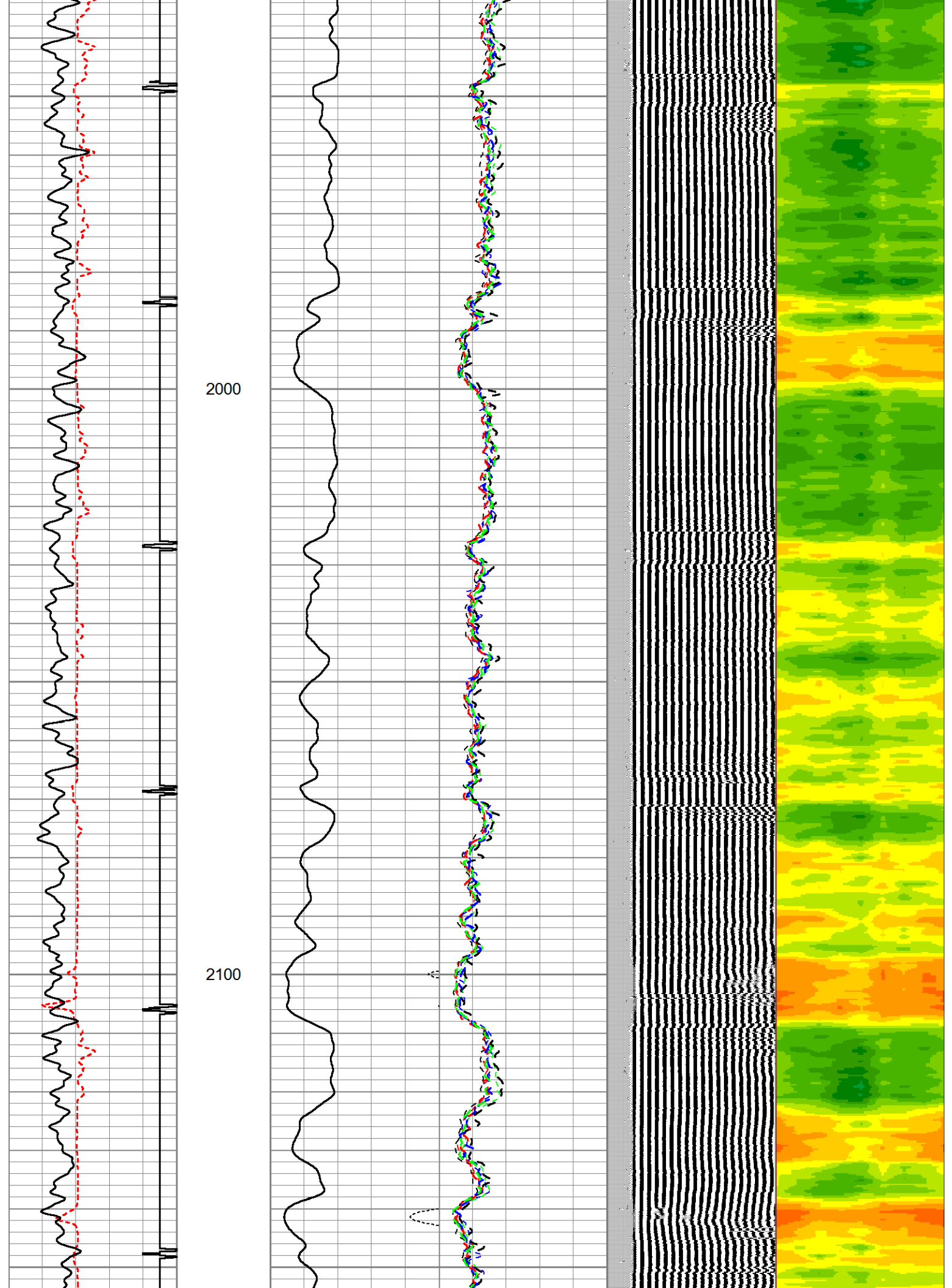
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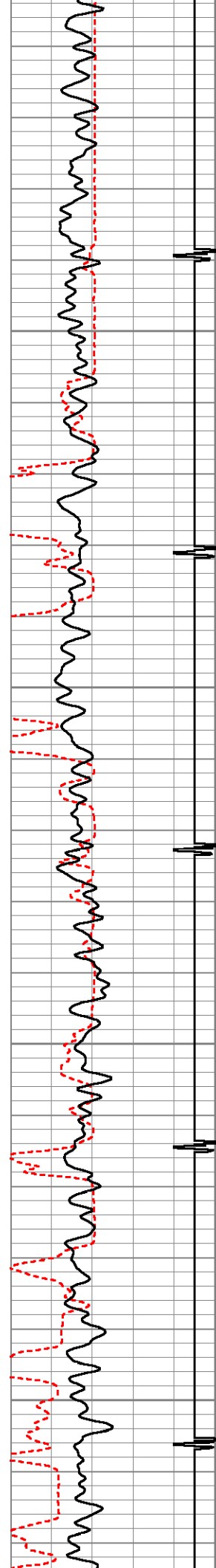
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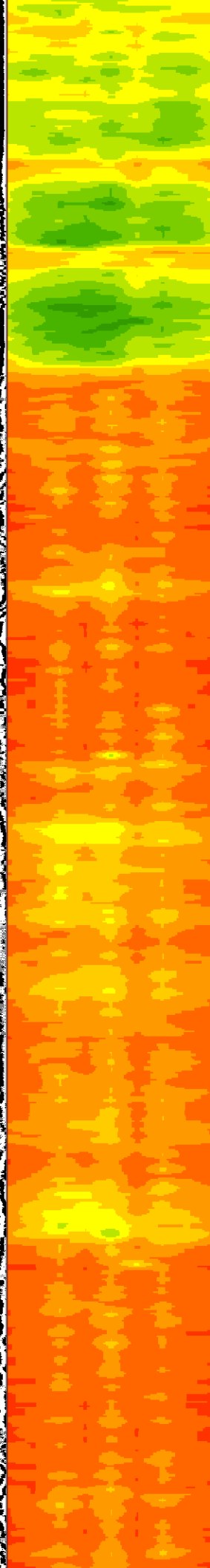
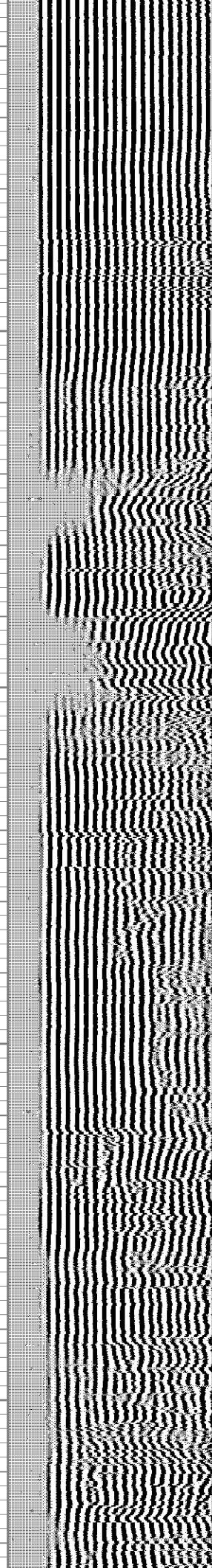
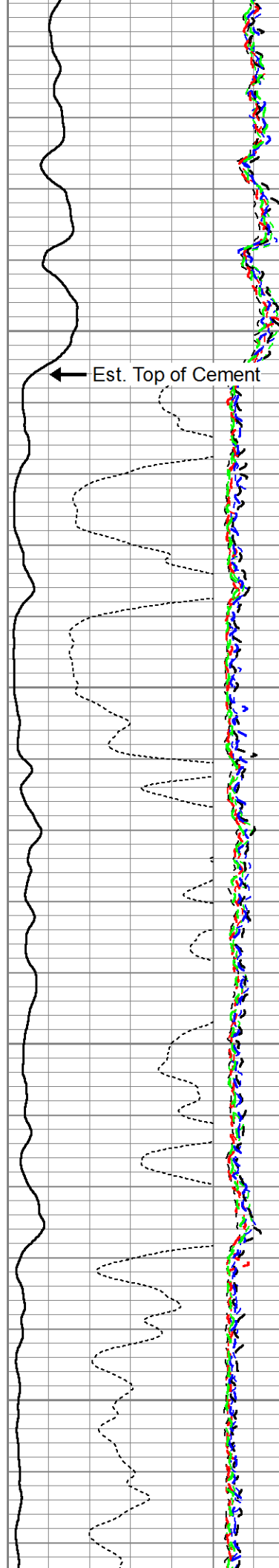


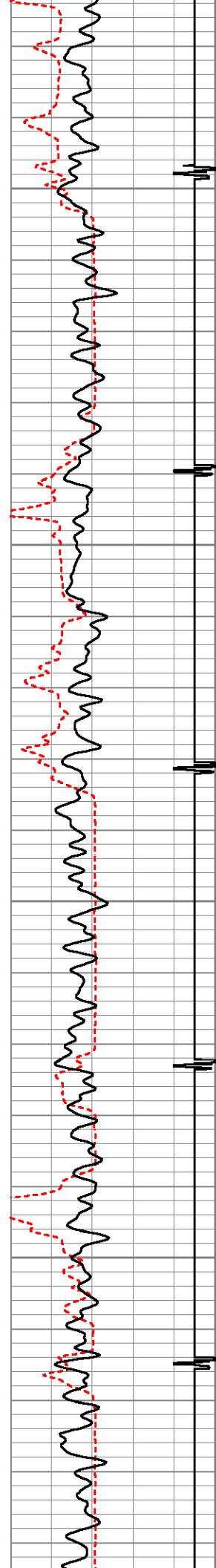


2200

← Est. Top of Cement

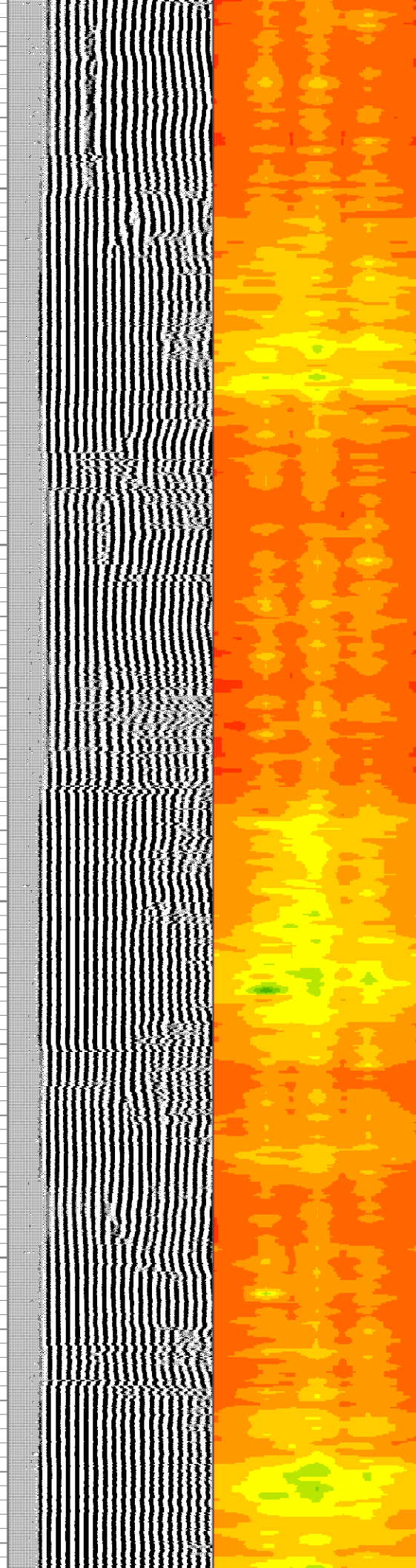
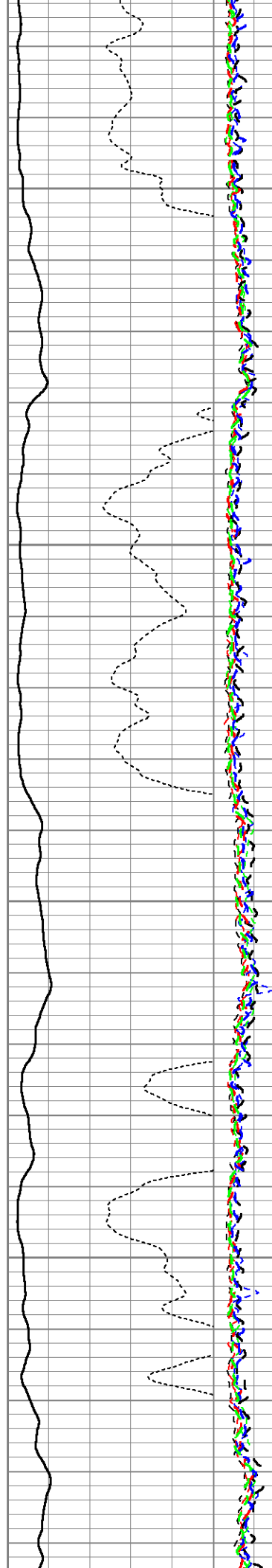
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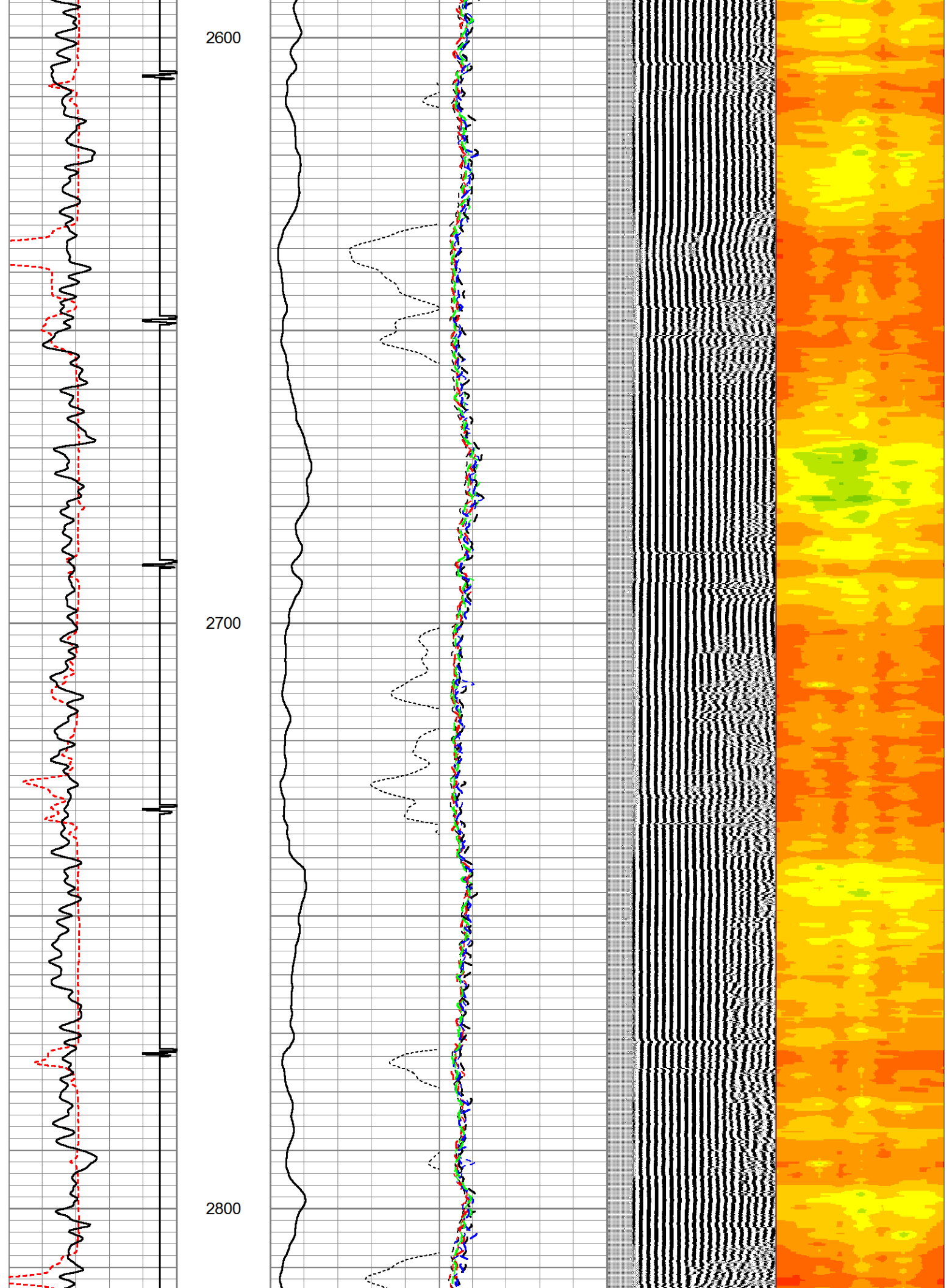


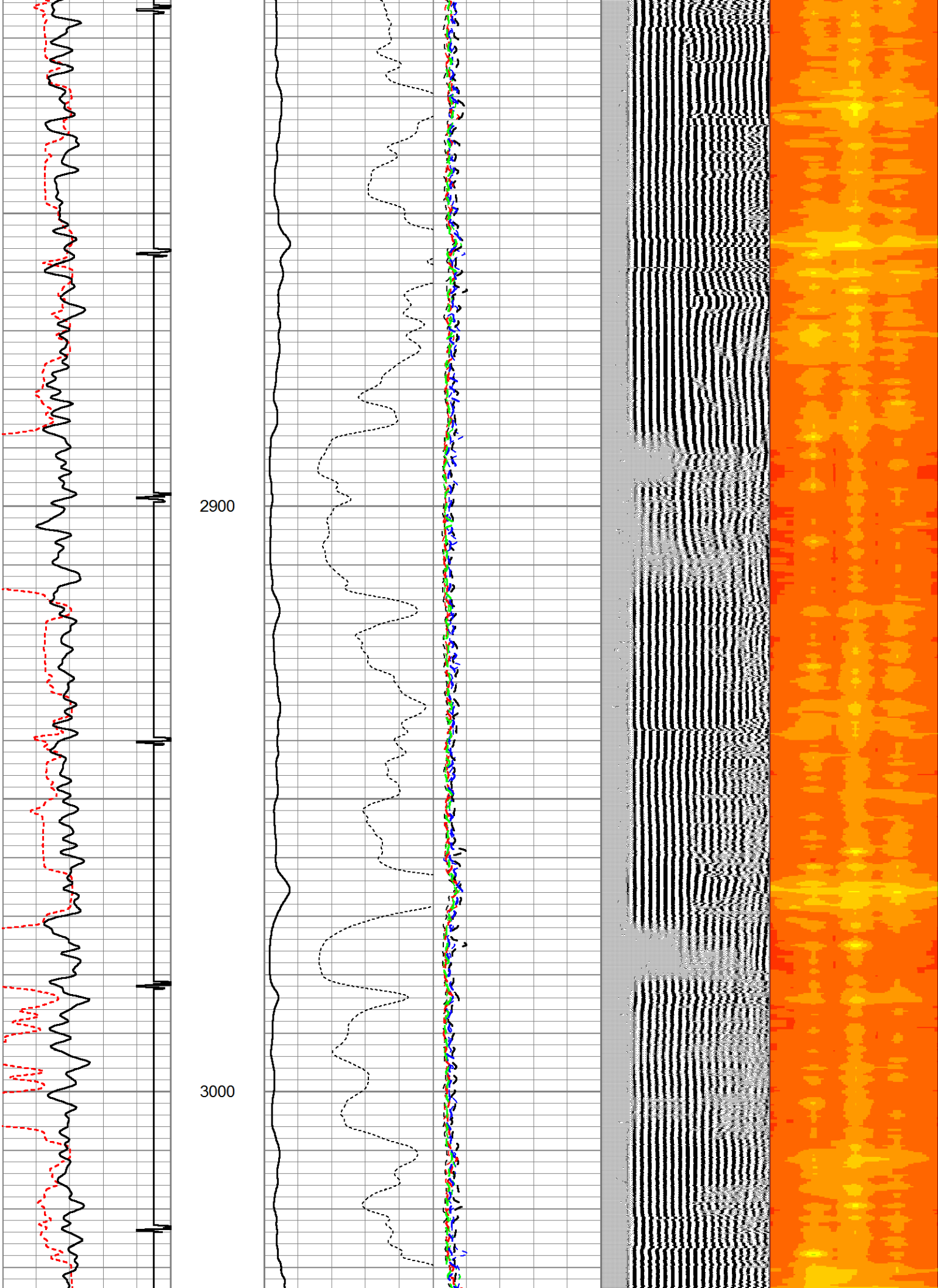


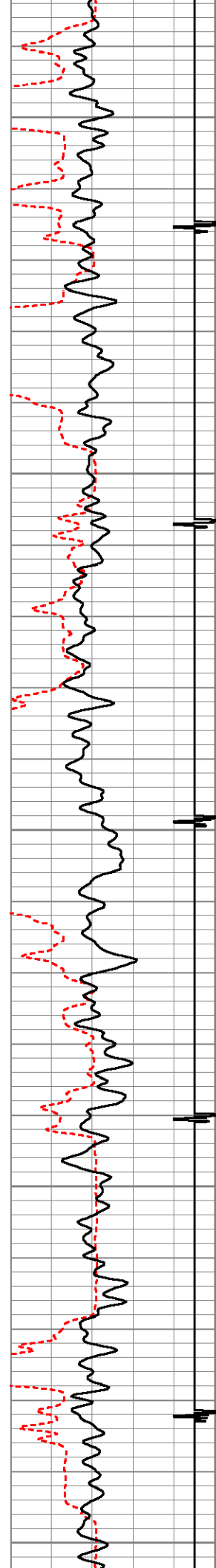
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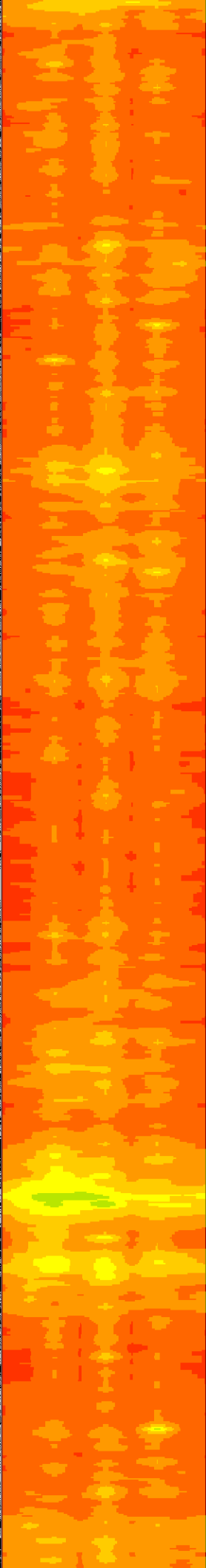
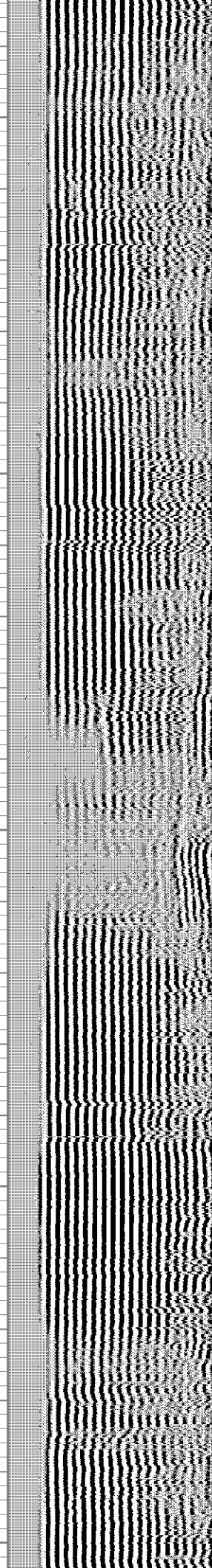
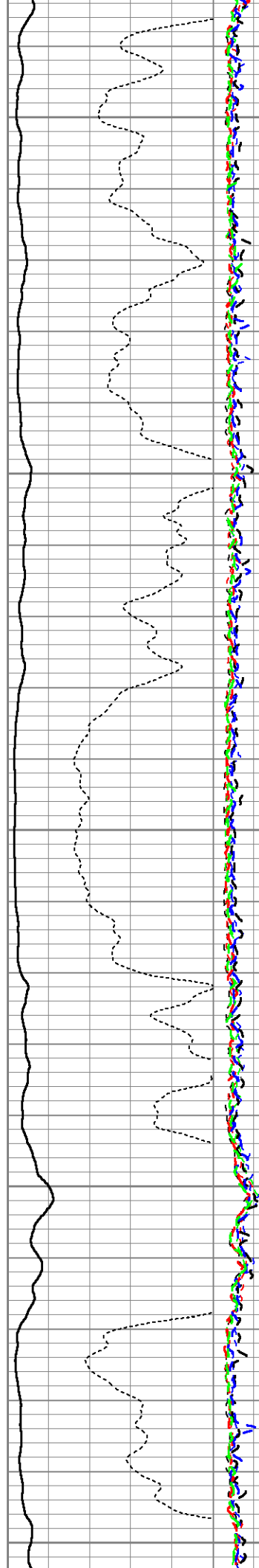


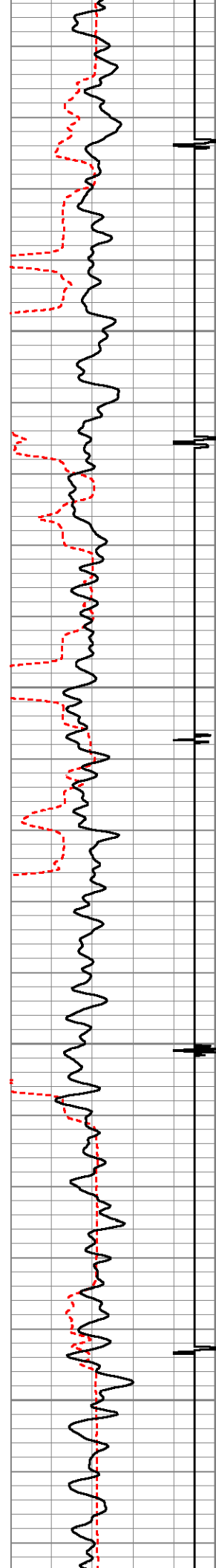




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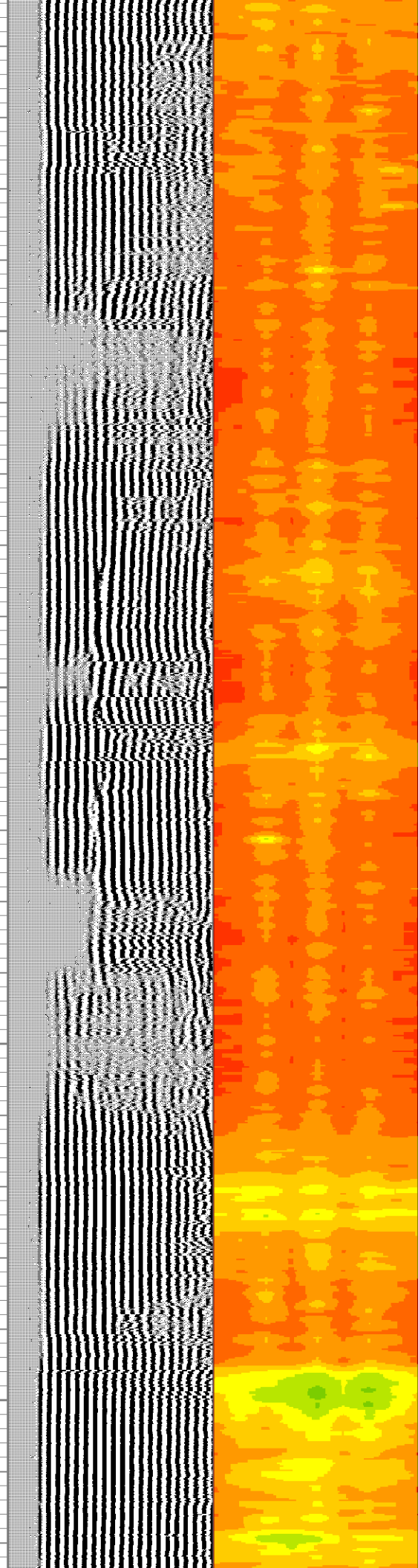
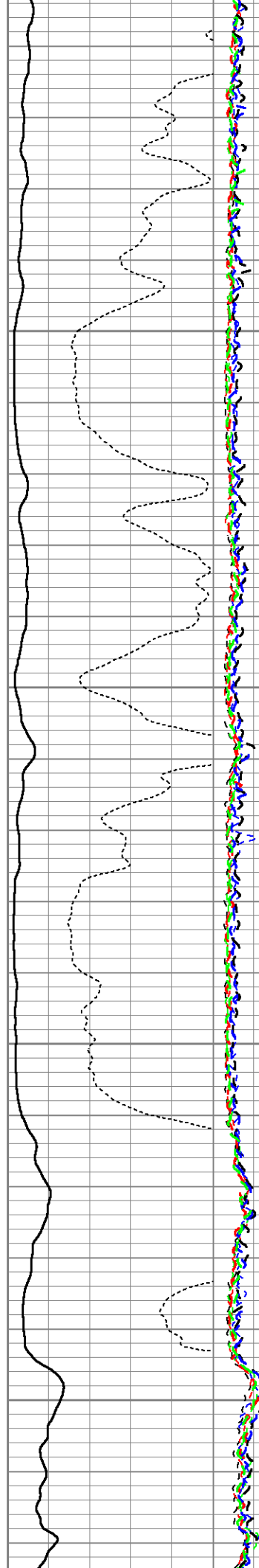
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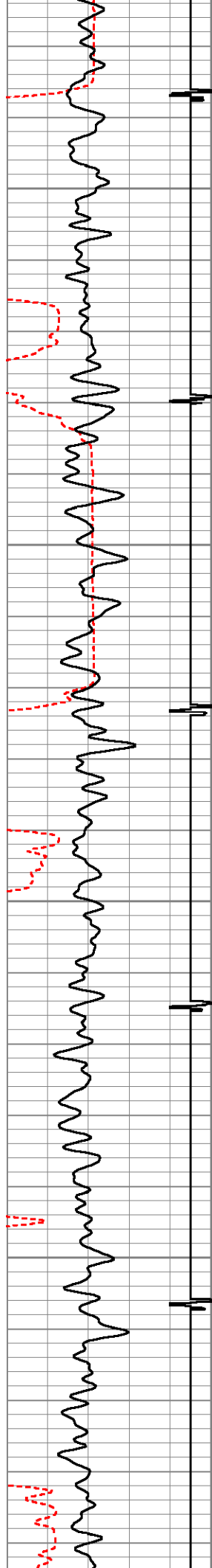




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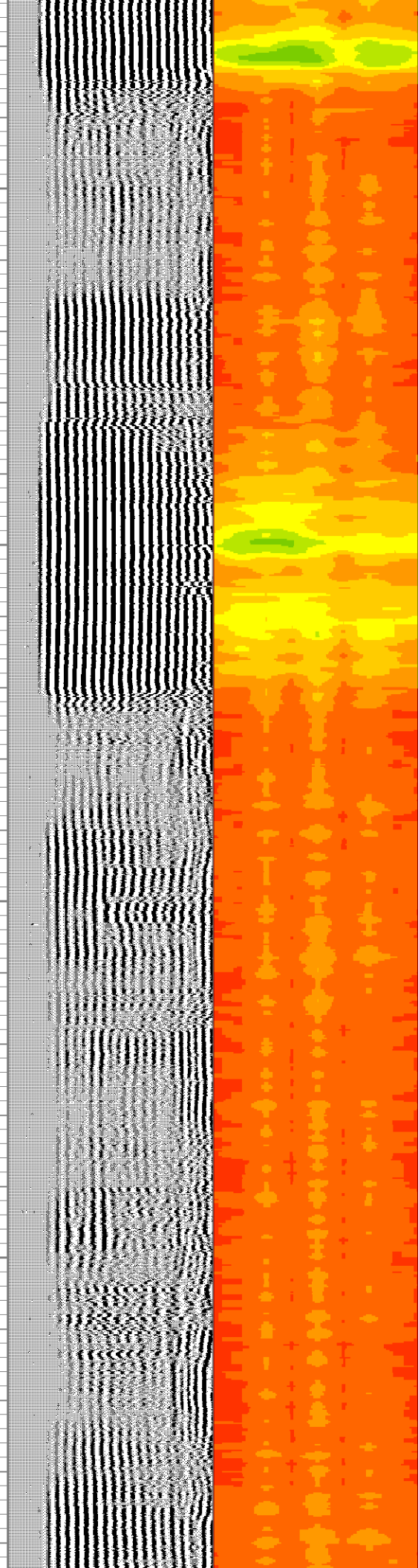
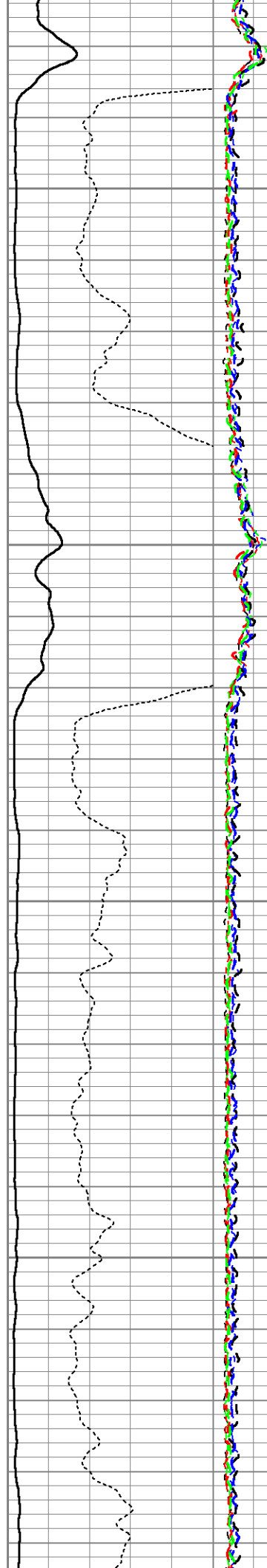
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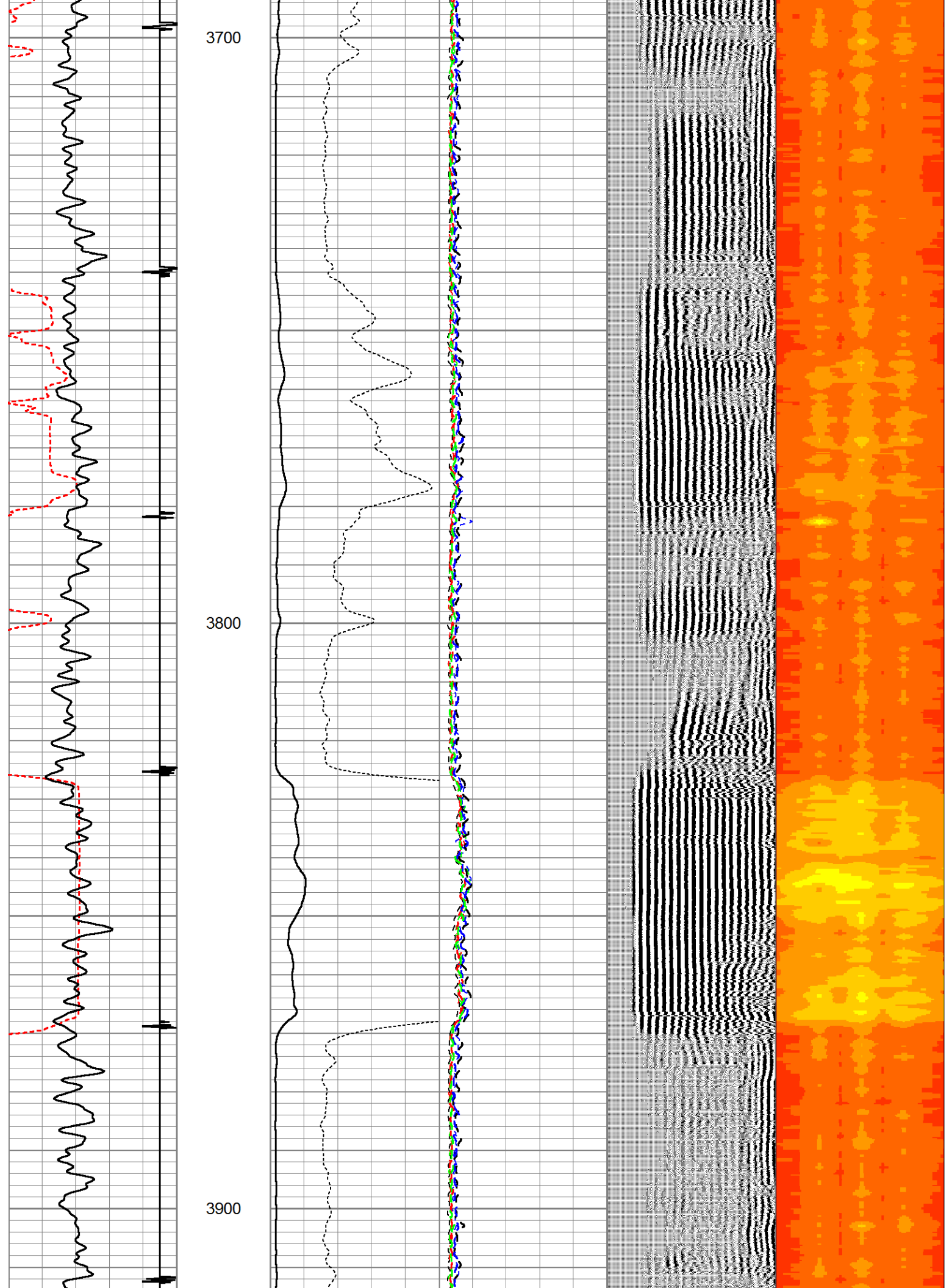


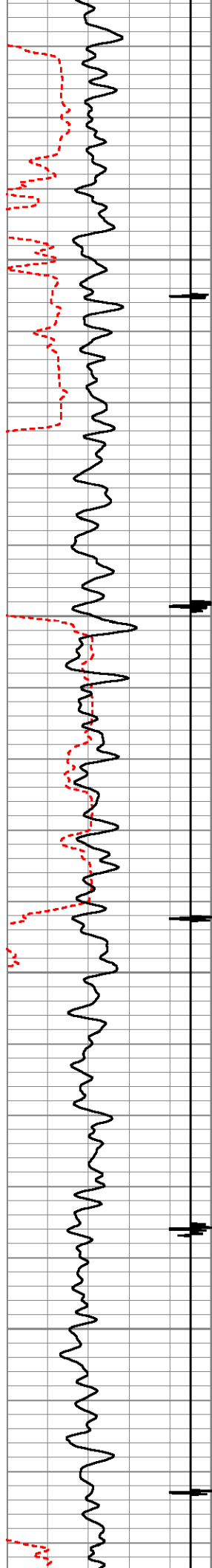


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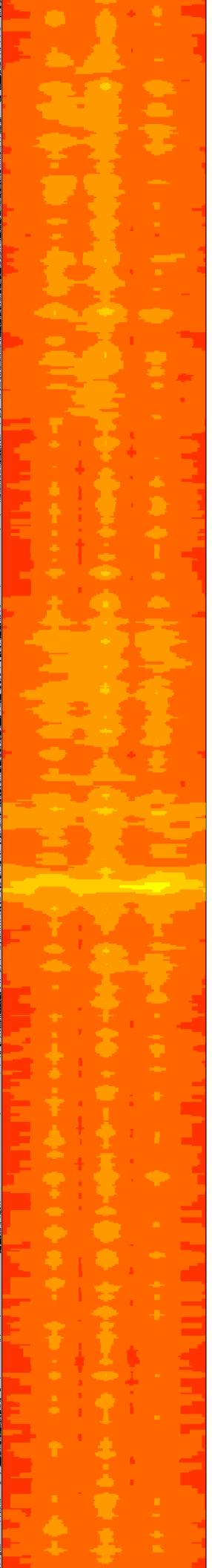
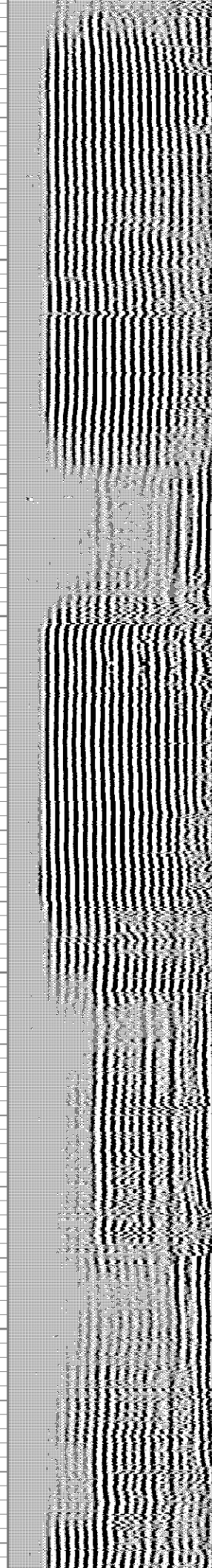
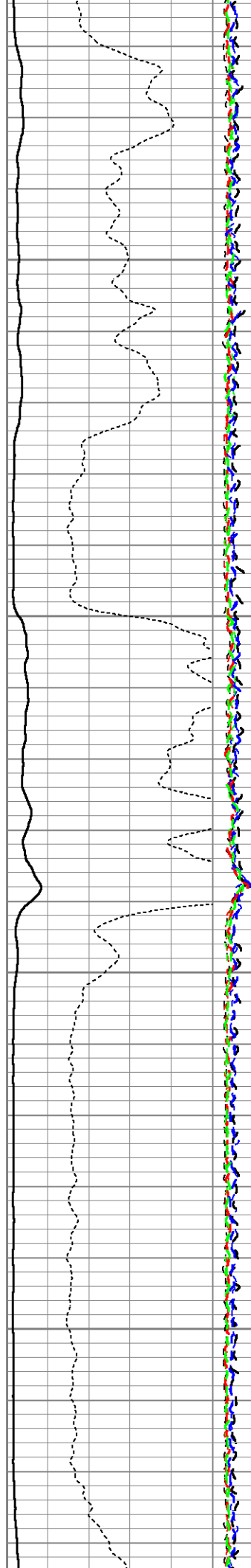


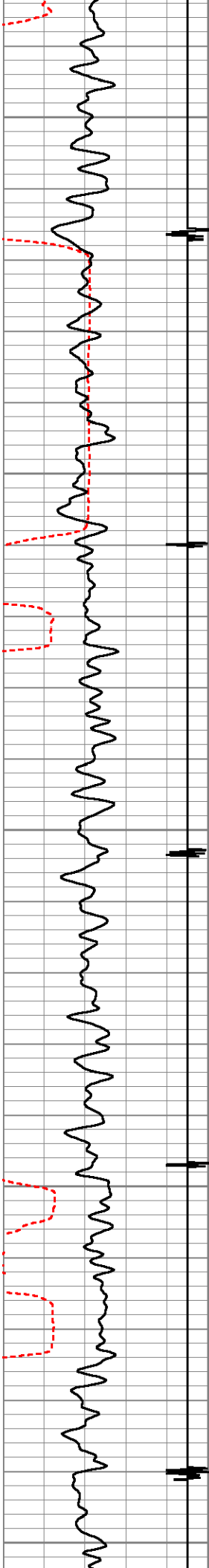




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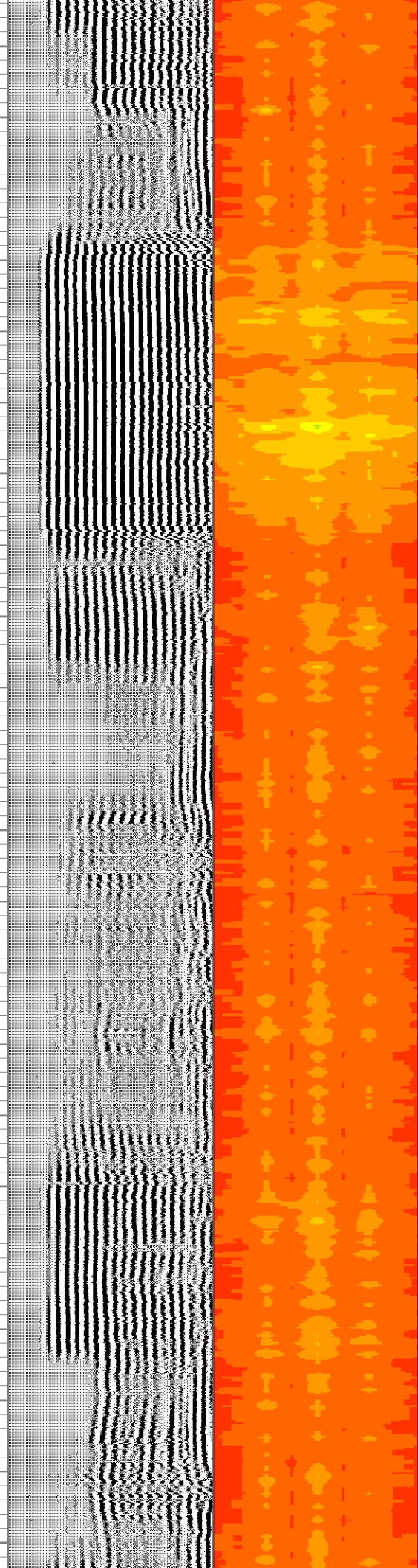
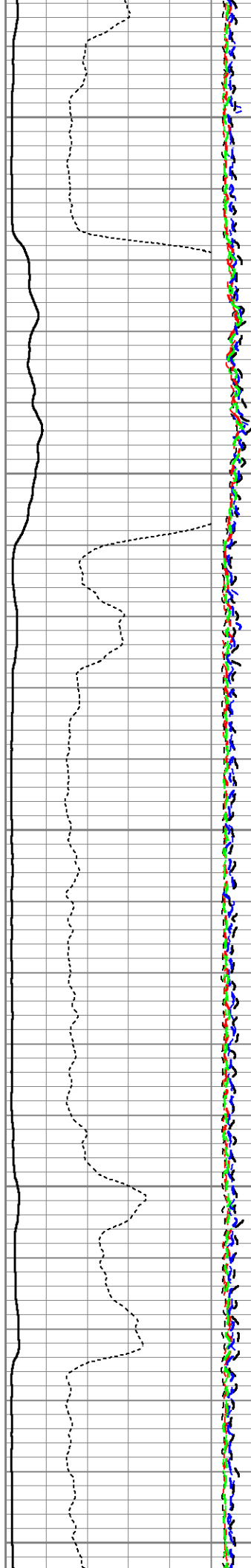
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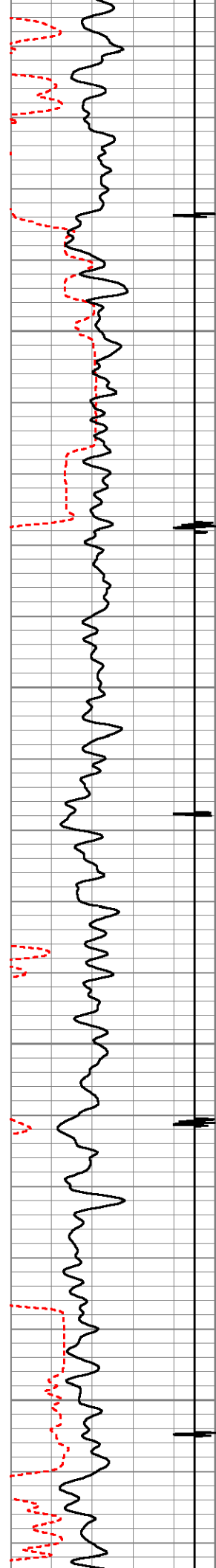




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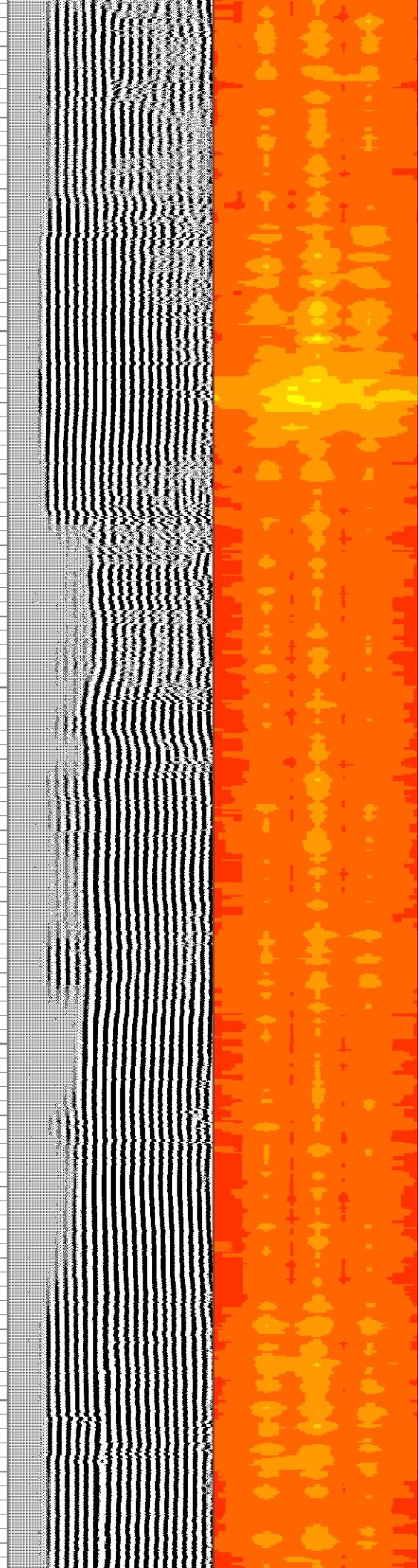
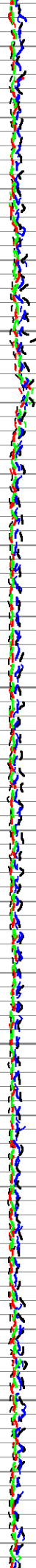
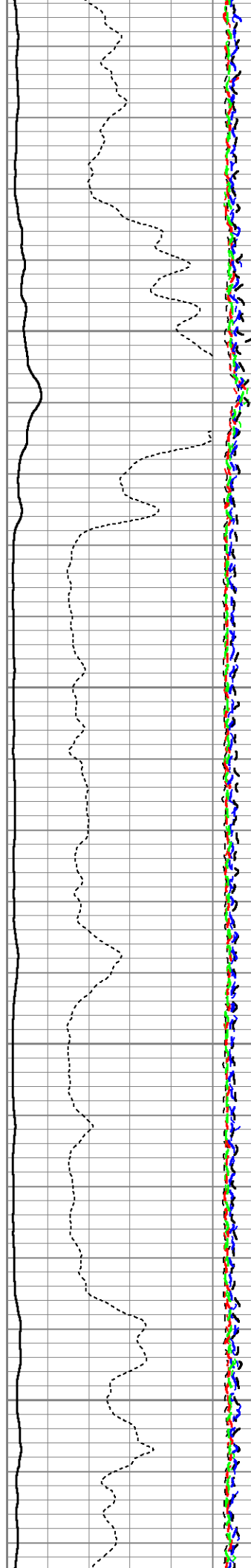
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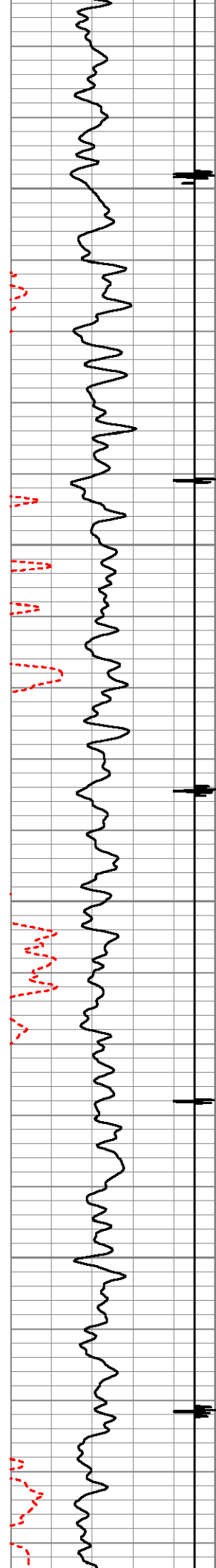




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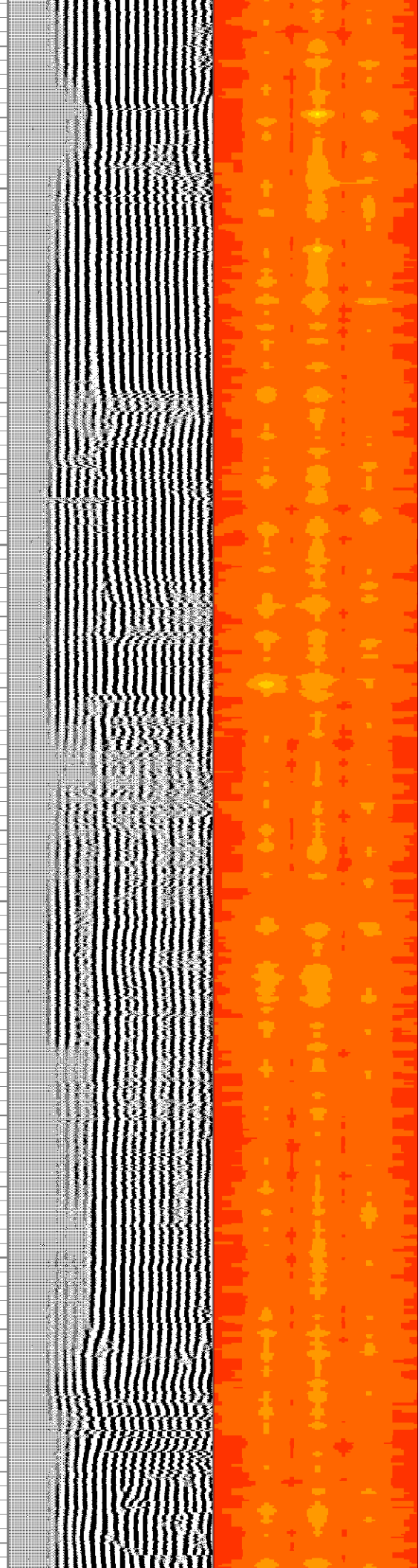
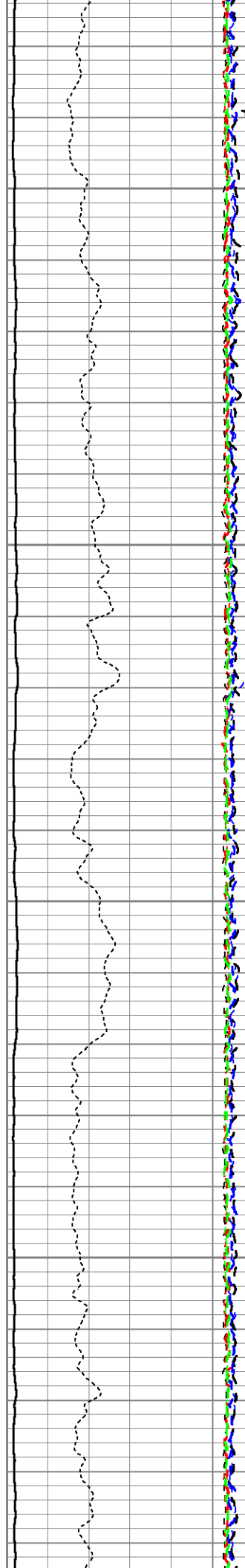
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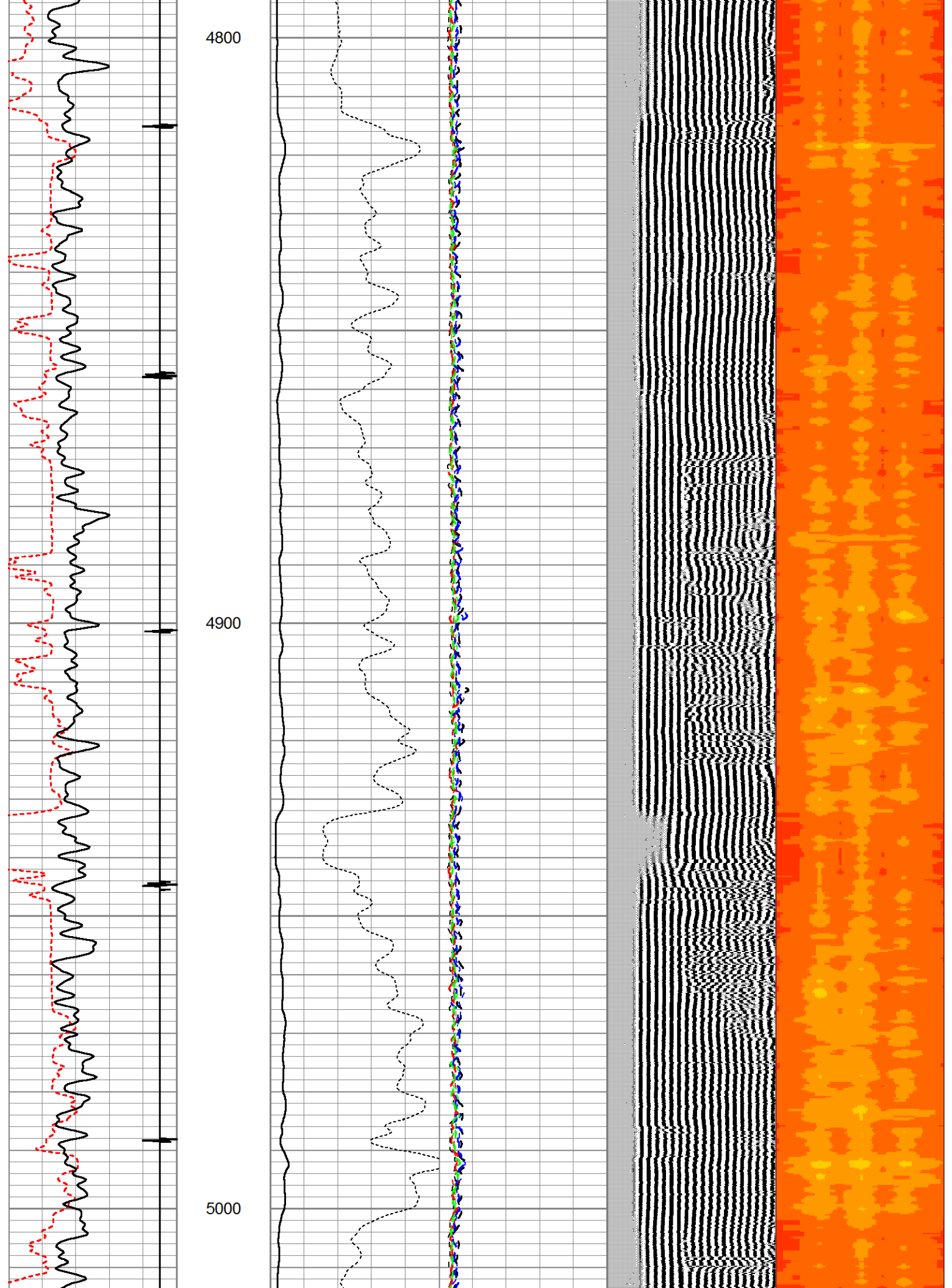


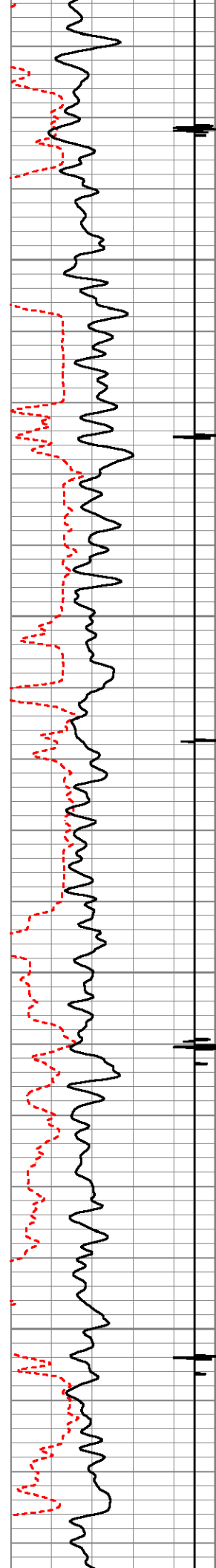


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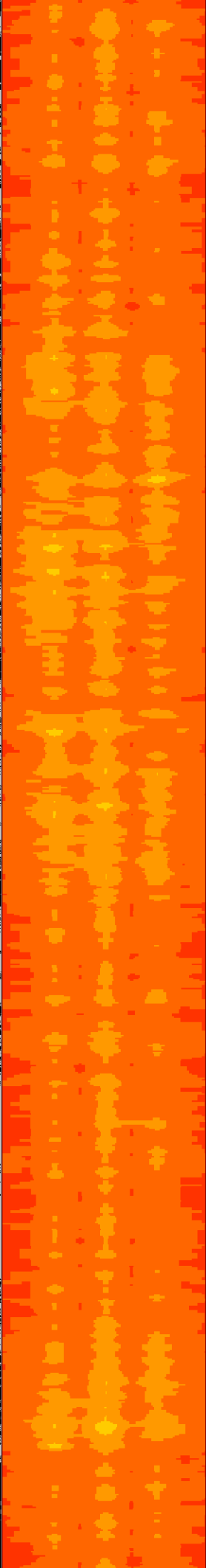
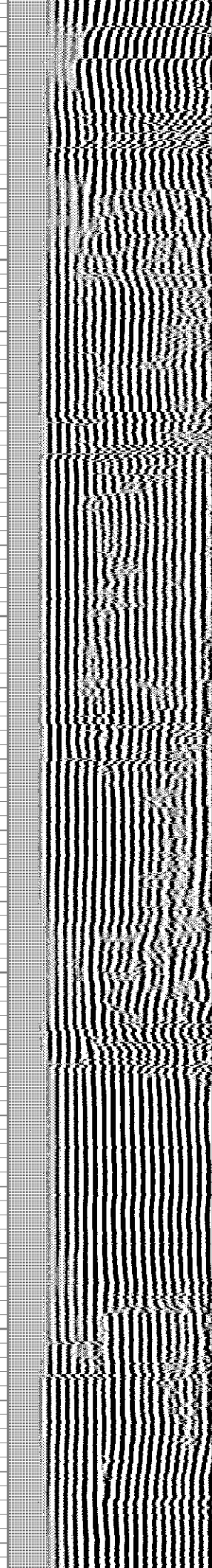
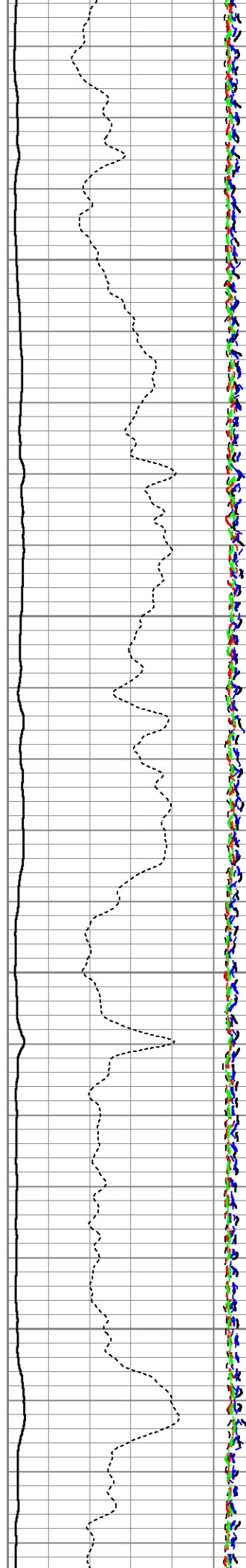


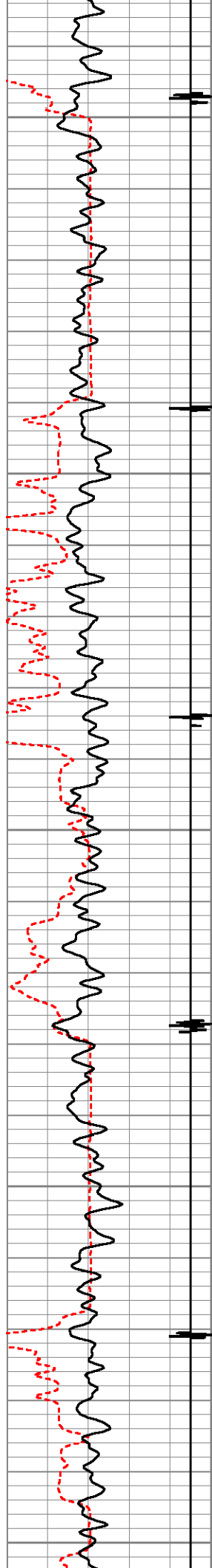




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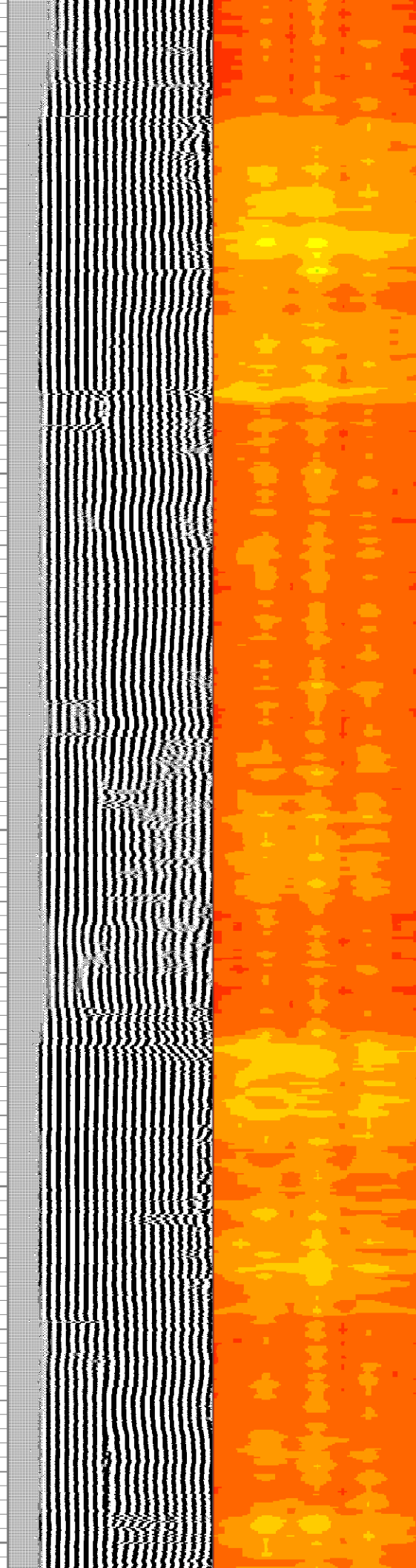
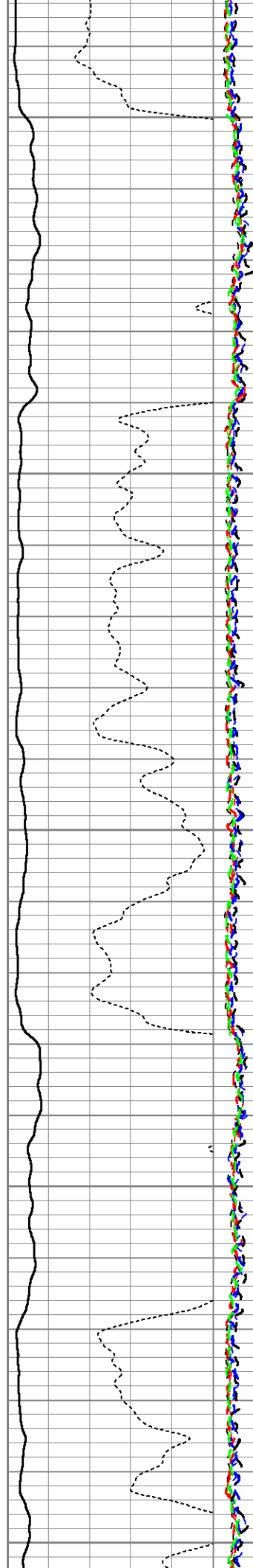
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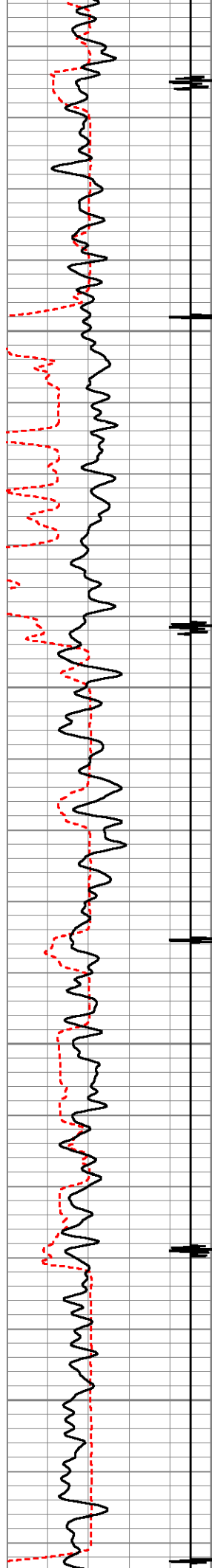




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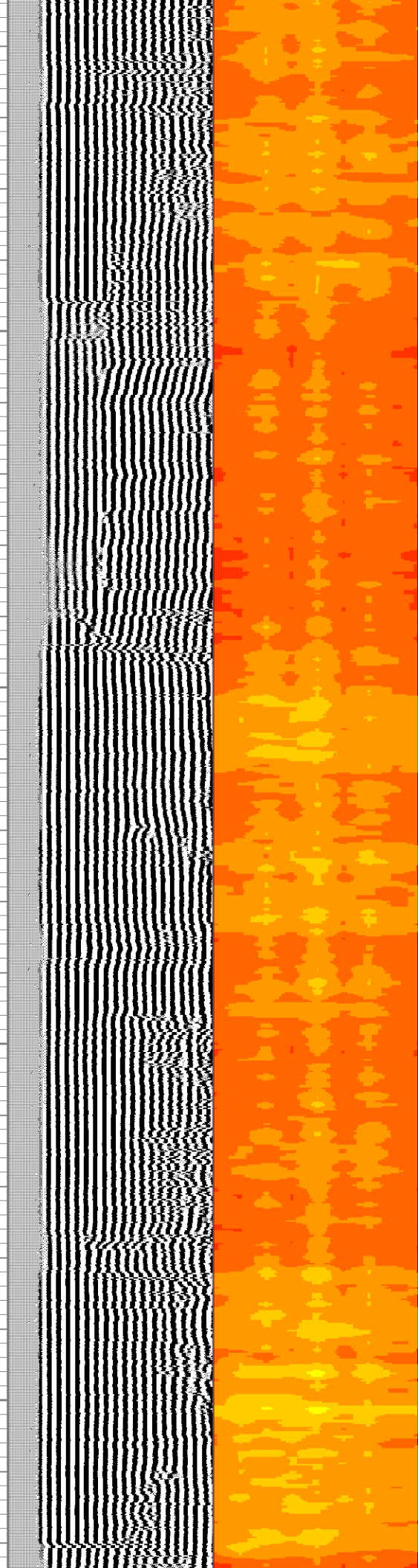
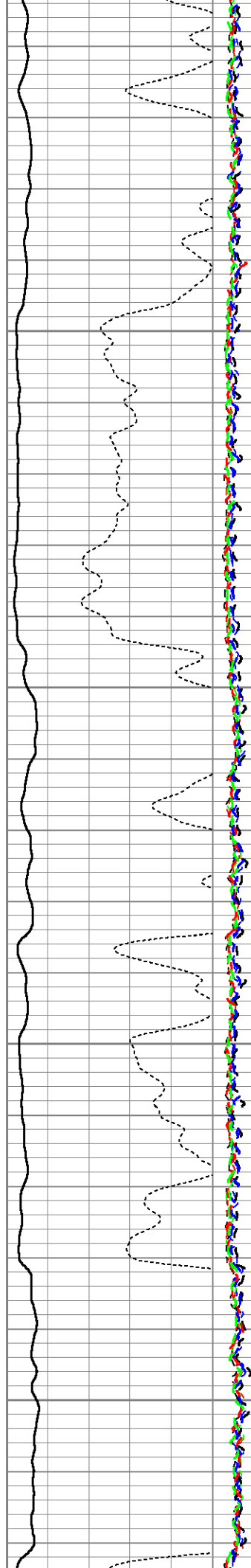
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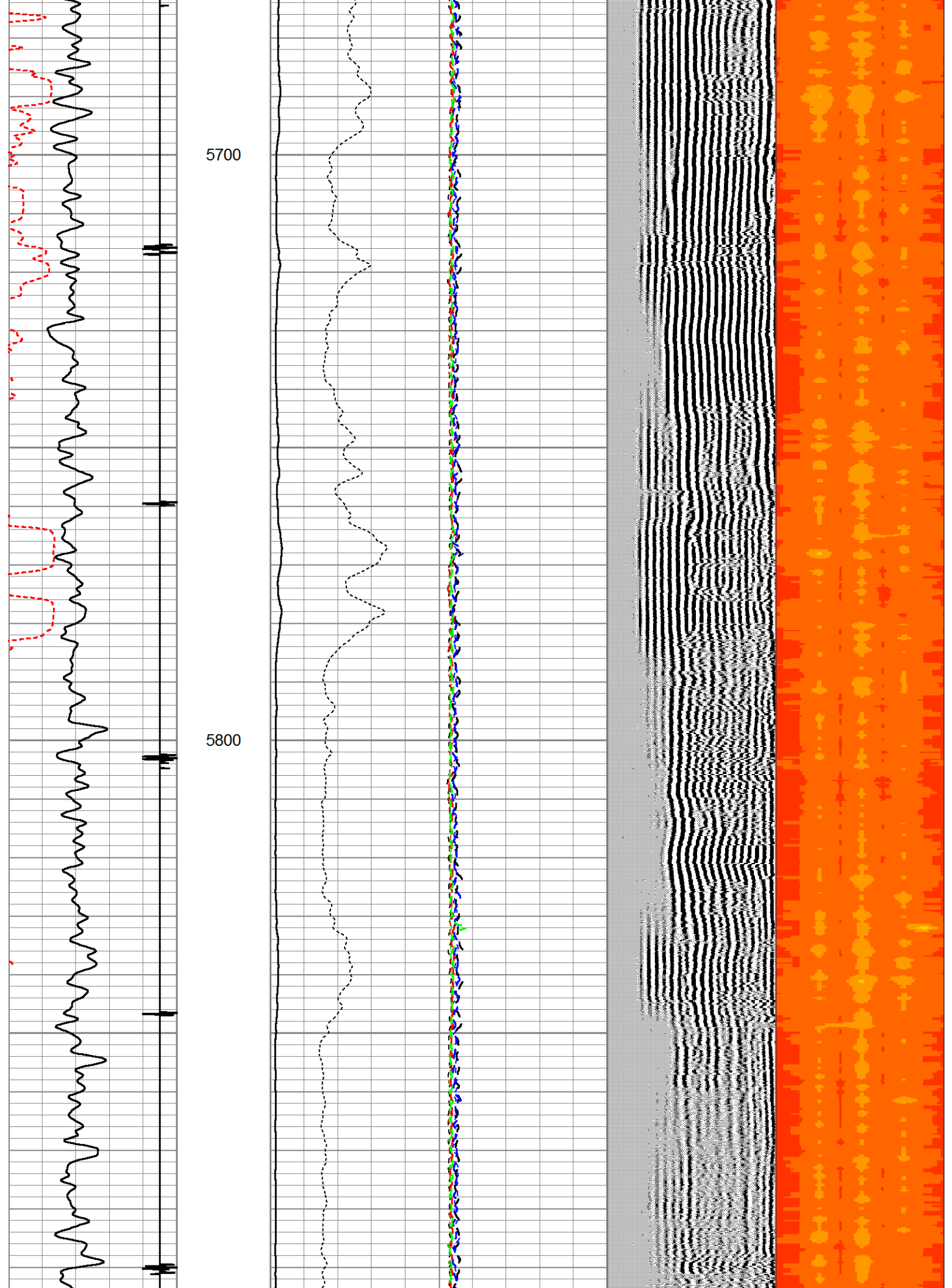


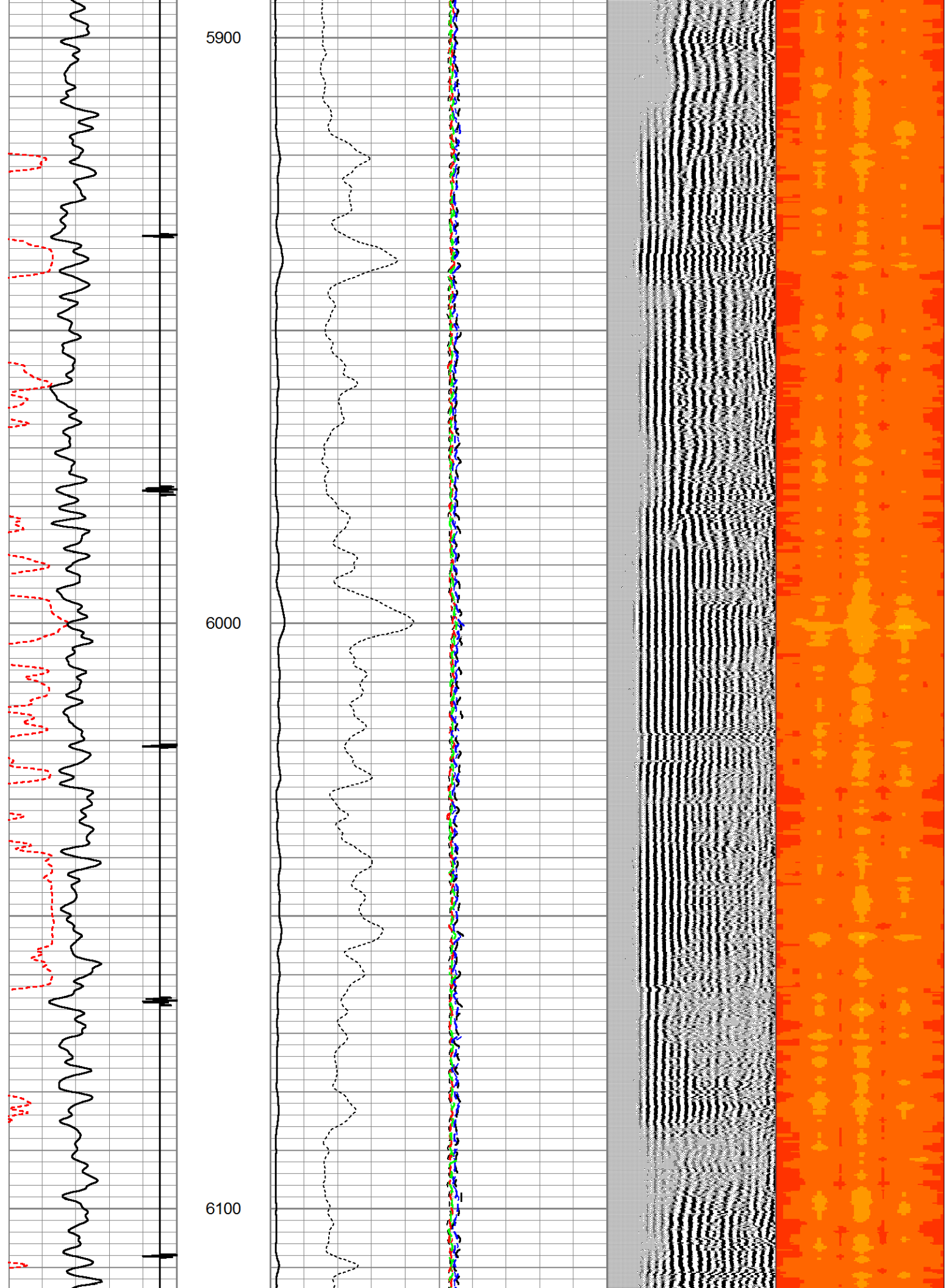


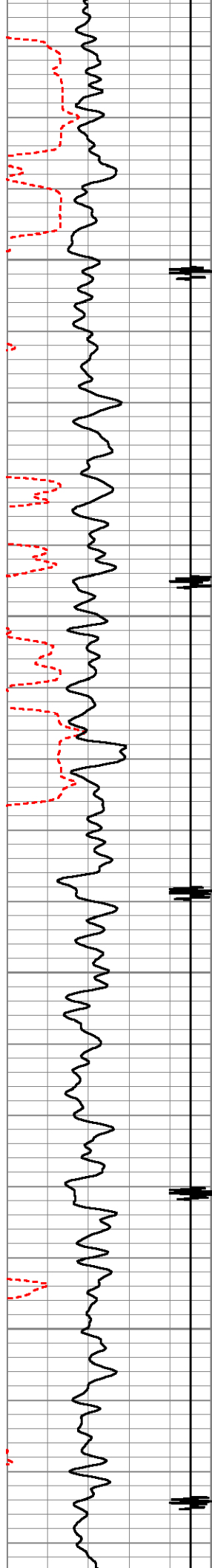
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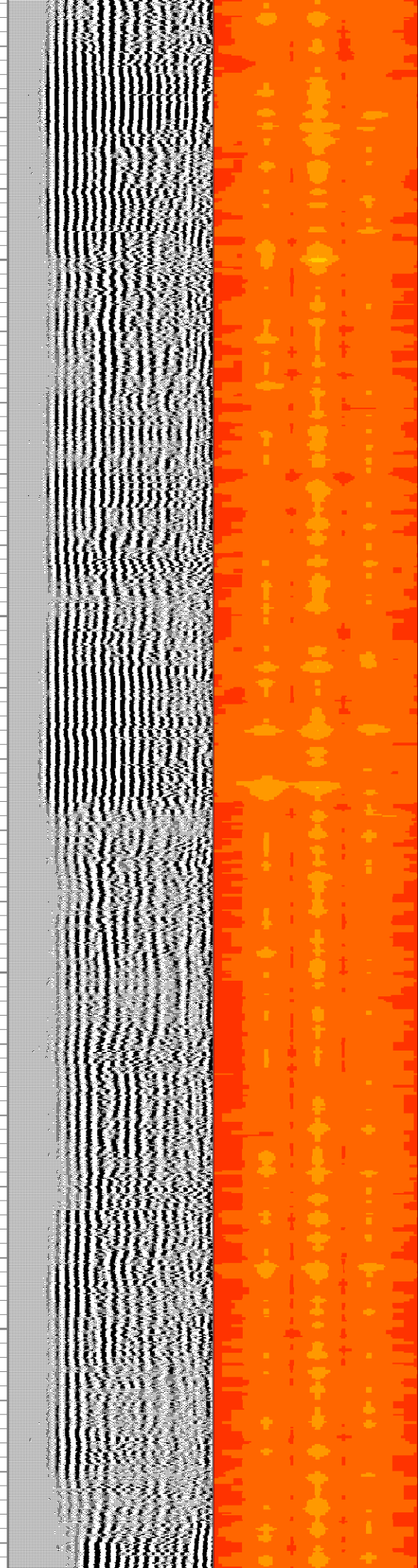
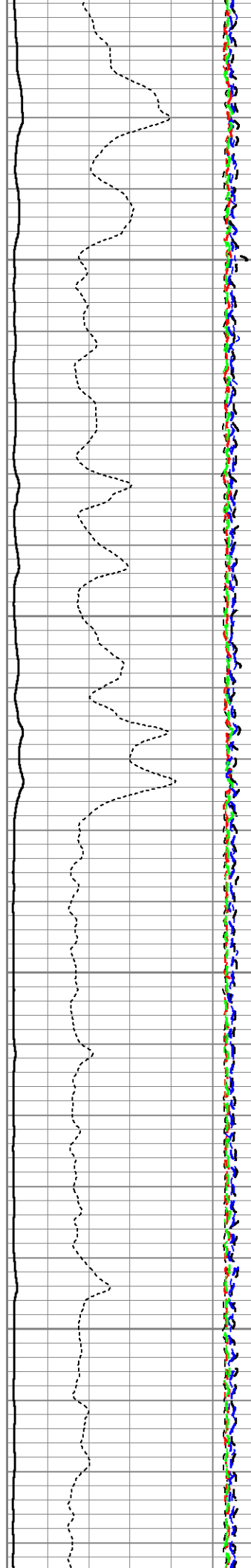


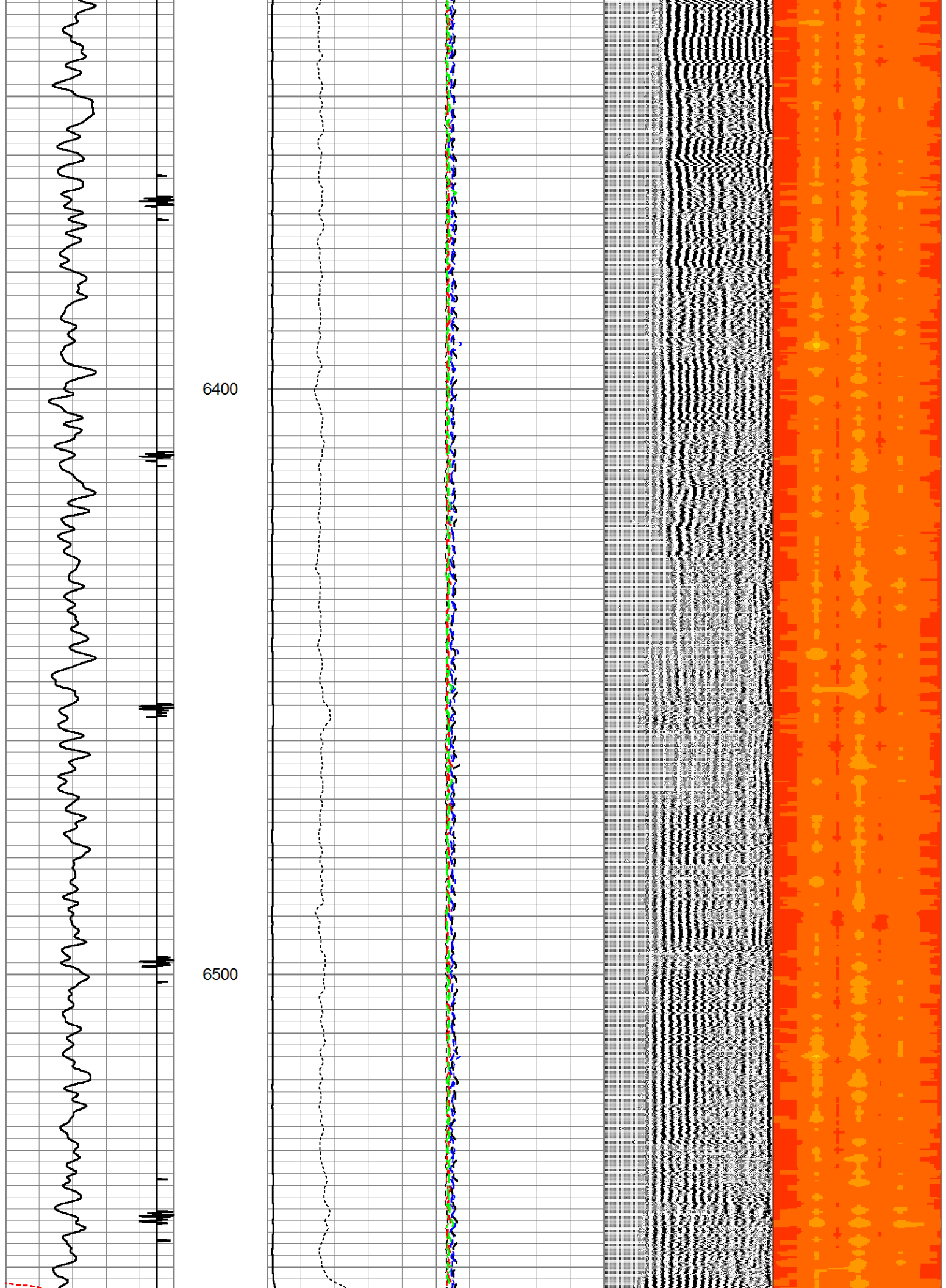


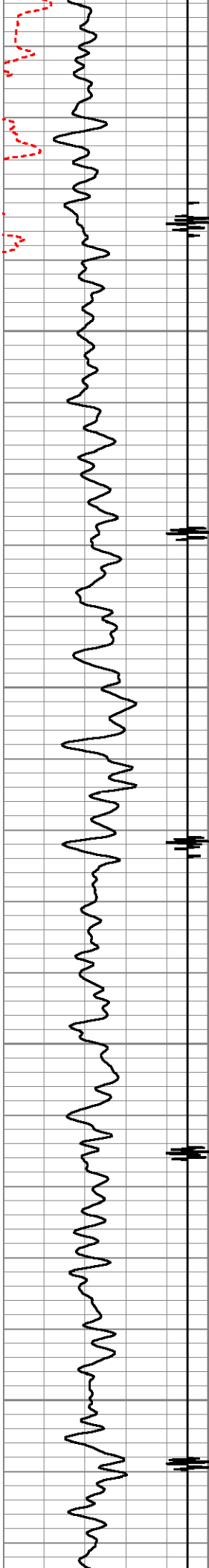


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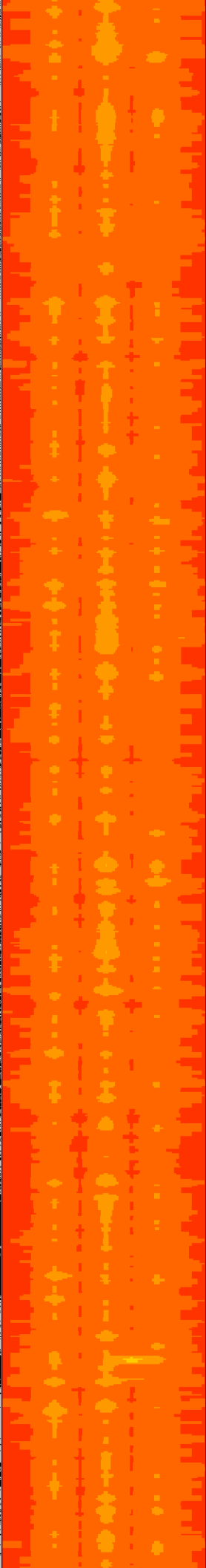
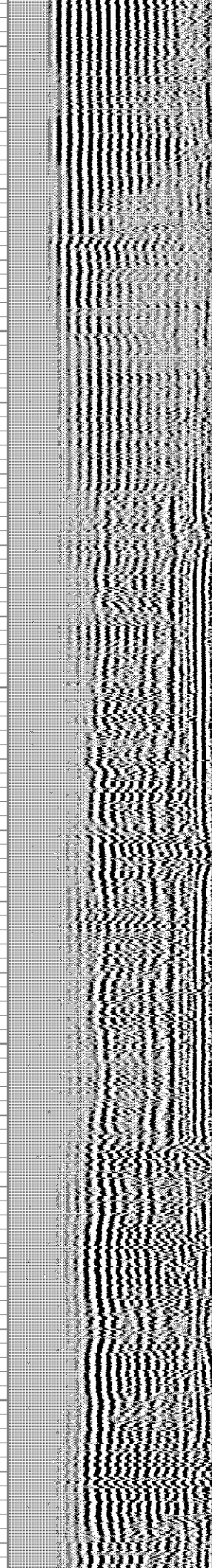
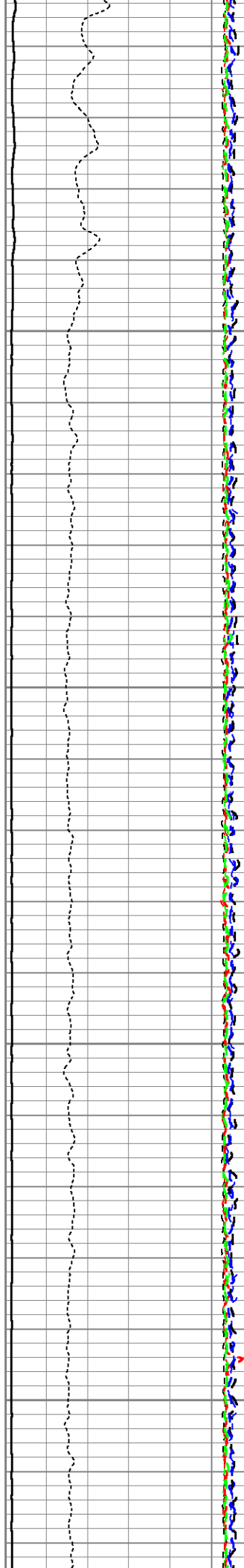


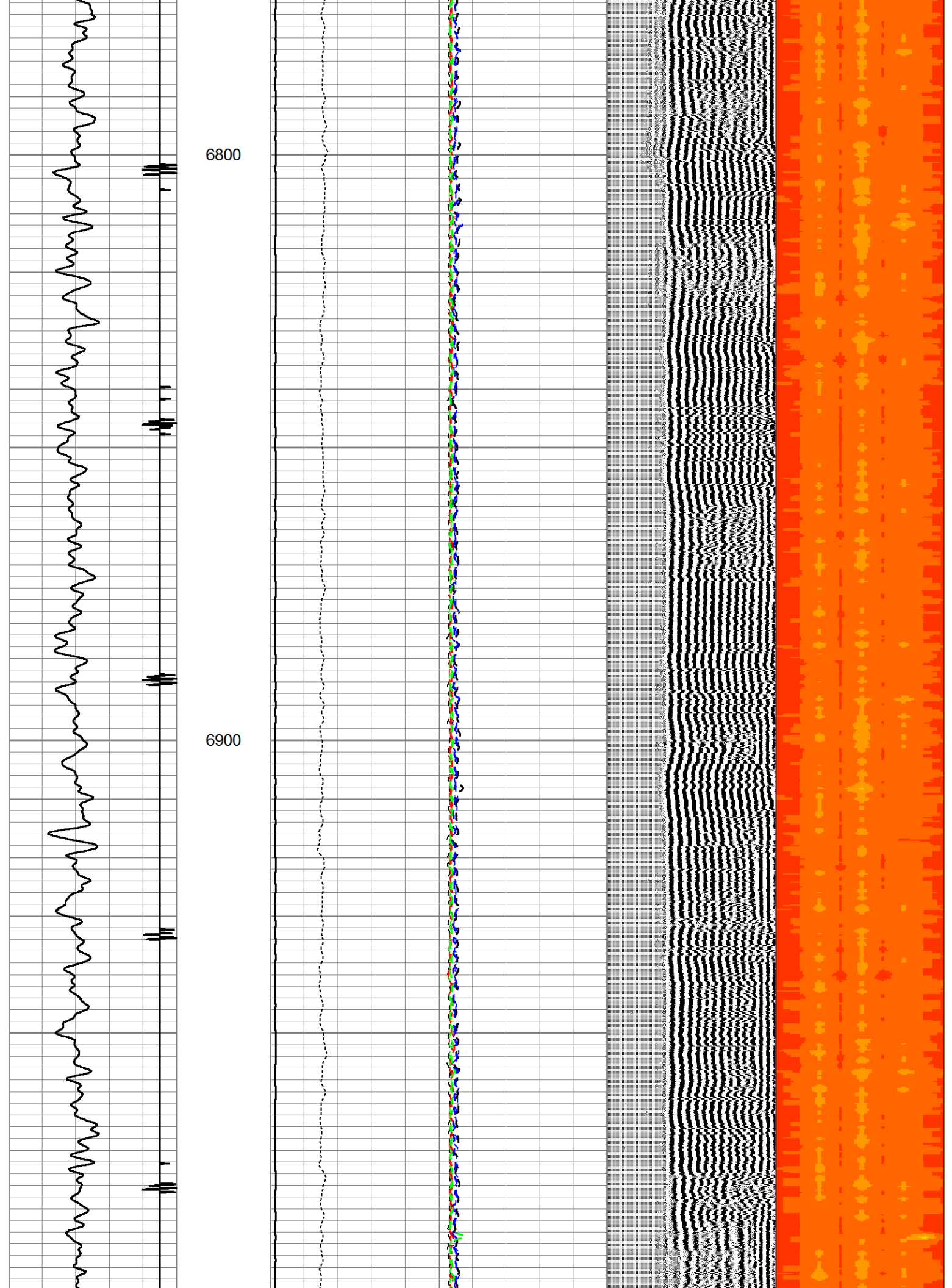


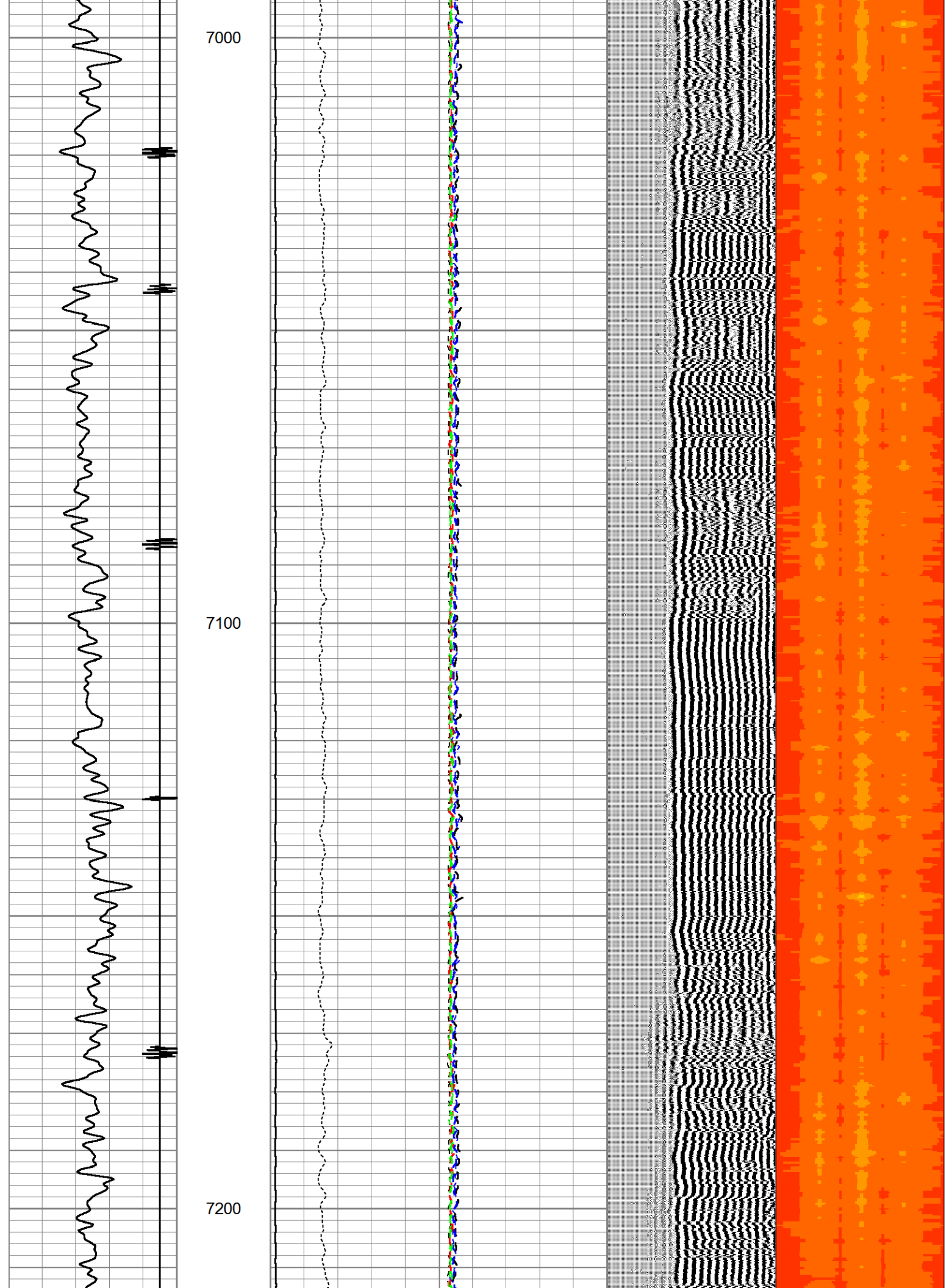


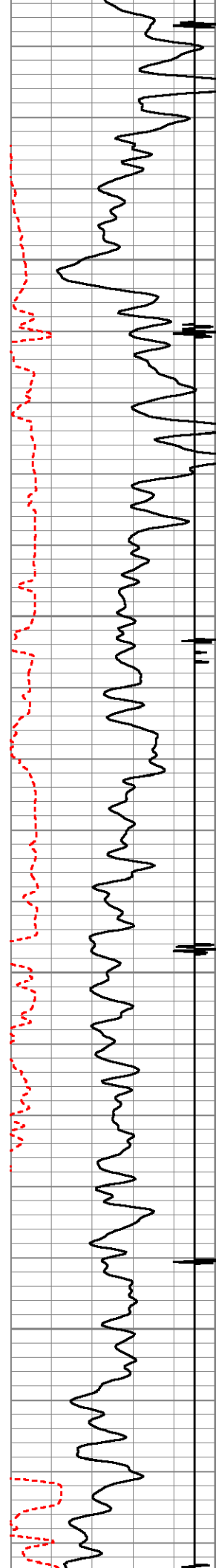
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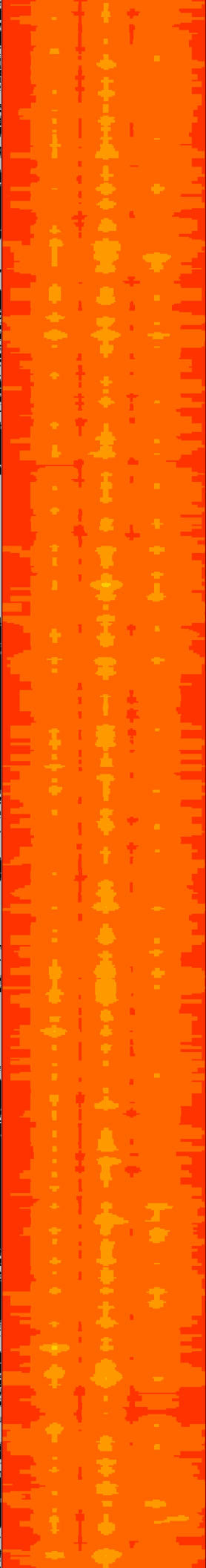
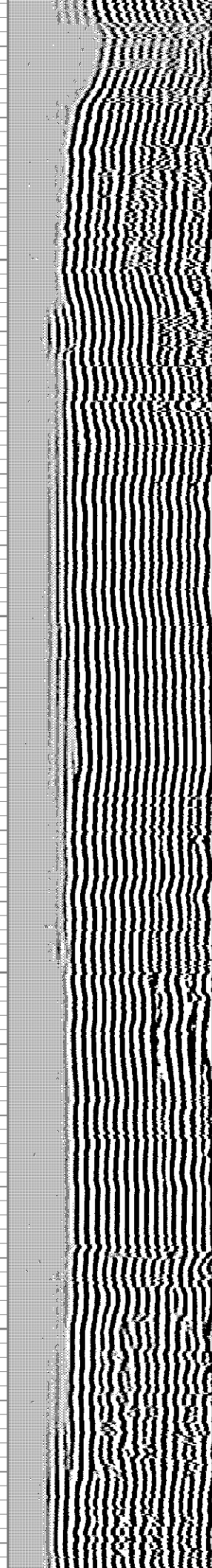
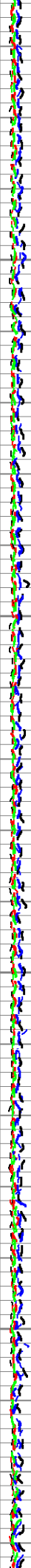
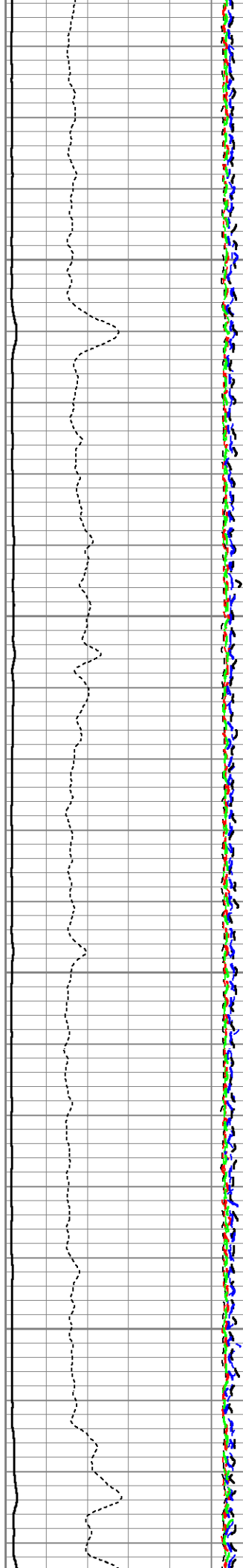


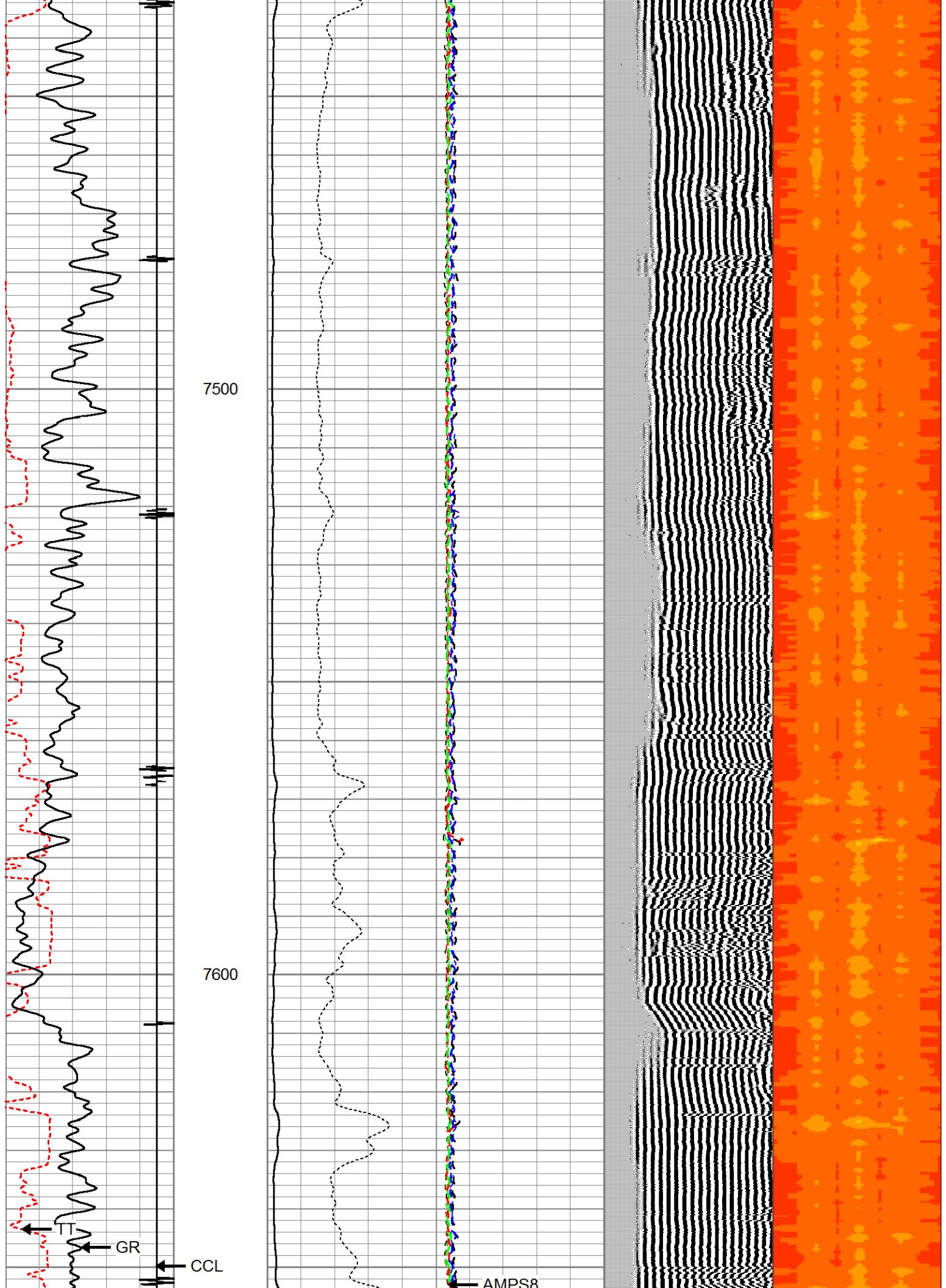


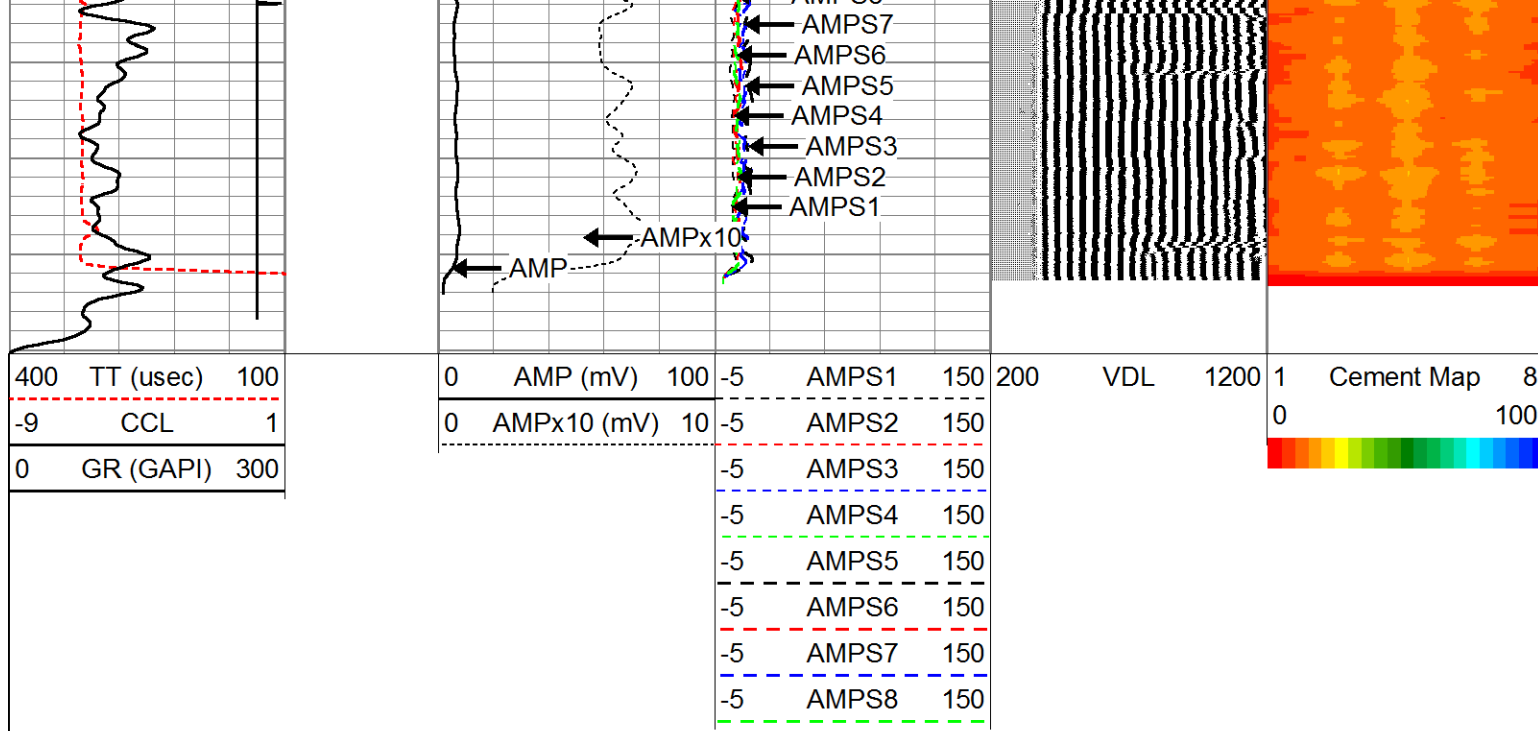


7300

7400







Cutters
 Wireline Service, Inc.
 A Cased Hole Wireline Company

Company CONFLUENCE
 Well JUDY 3-4
 Field WATTENBERG
 County WELD
 State COLORADO