



**SECTOR,
GAMMA RAY,
CCL LOG**

Company OCCIDENTAL PETROLEUM CORP
Well LEE 25-6X
Field WATTENBURG
County WELD
State CO Country USA

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Well LEE 25-6X
Field WATTENBURG
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Location: API #: 05-123-33287
SEC 6 TWP 2N RGE 65W
Permanent Datum Elevation
Log Measured From 7300'
Drilling Measured From 8326'
Other Services
Elevation
K.B. 4973'
D.F. 4973'
G.L. 4962'

Date APRIL, 20, 2022
Run Number ONE
Depth Driller 8326'
Depth Logger 7300'
Bottom Logged Interval 7300'
Top Log Interval SURFACE
Open Hole Size 12-1/4"
Type Fluid WATER
Density / Viscosity NA
Max. Recorded Temp. NA
Estimated Cement Top NA
Time Well Ready 13:00
Time Logger on Bottom 13:30
Equipment Number 1010
Location BRIGHTON
Recorded By C. SHEPPARD
Witnessed By K. WIESER

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


Casing Record
Surface String 8-5/8" Size Wgt/Ft 24# Top Bottom 836'
Prot. String
Production String 4-1/2" 11.6# 836'
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

**LOGGED CORRELATED TO K.B.
THANK YOU FOR USING RANGER ENERGY SERVICES!**

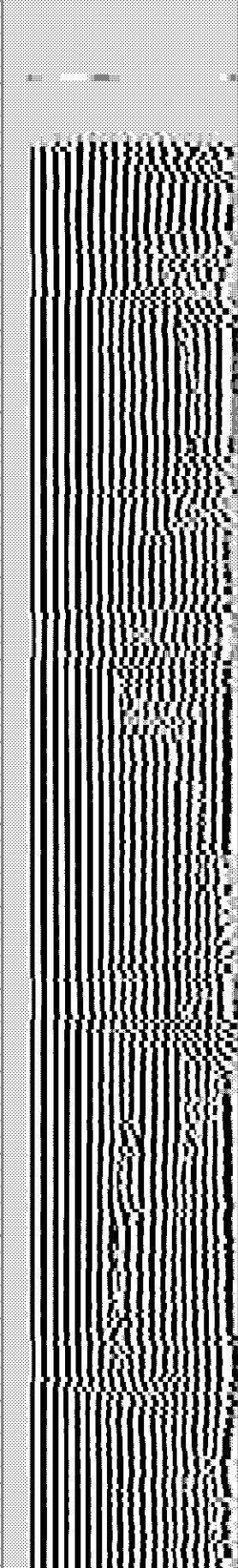
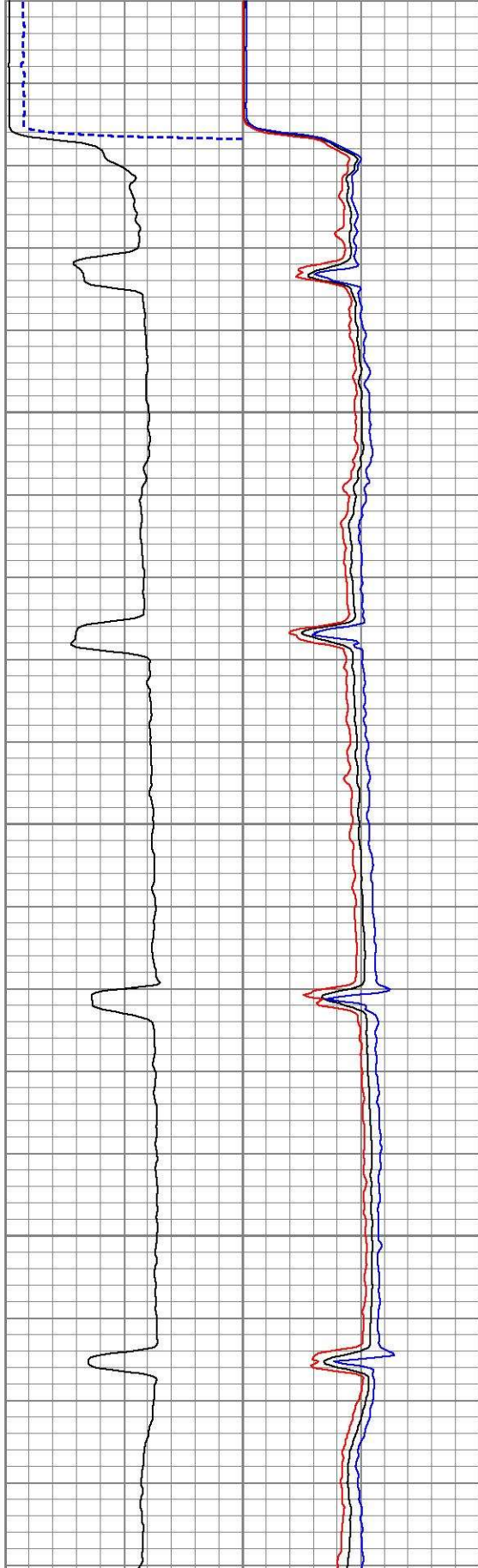
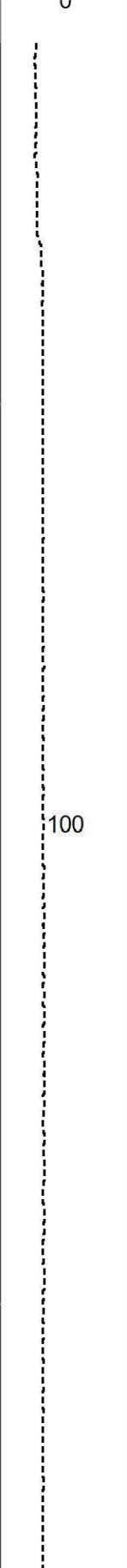
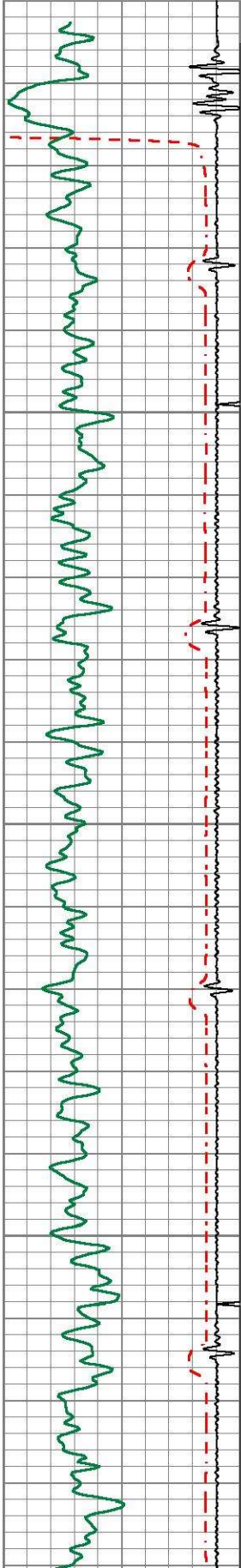
Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Cable_Head-1_7/16 Titan 1 7/16" Cable Head	1.02	1.44	3.31

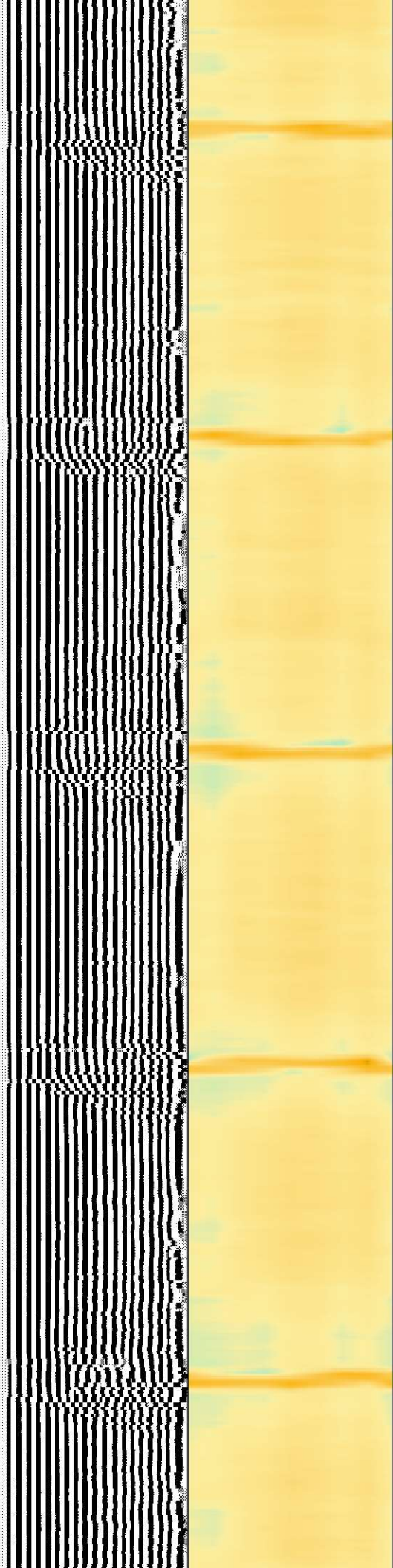
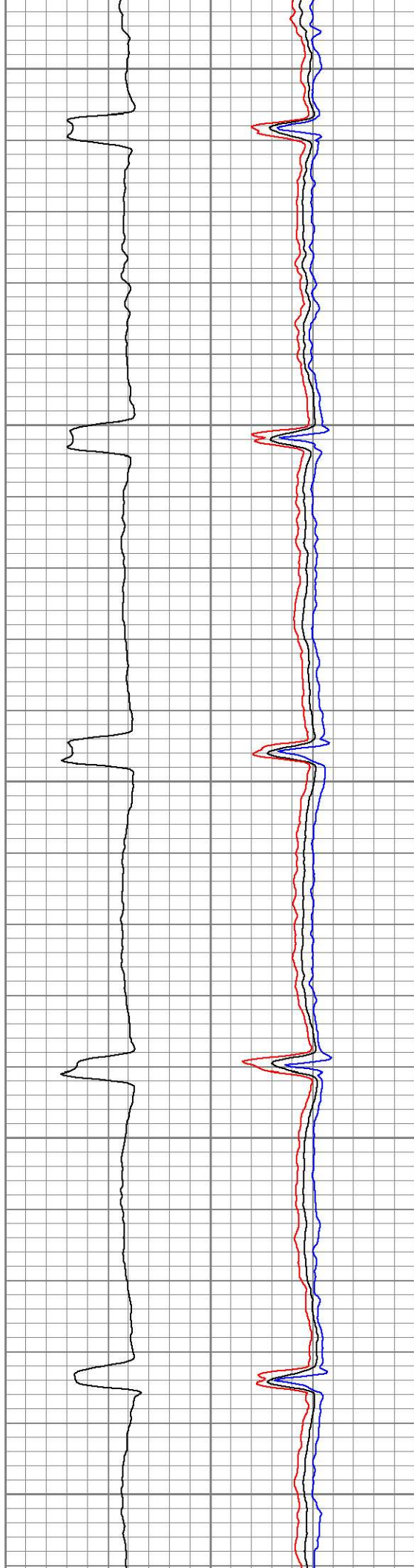
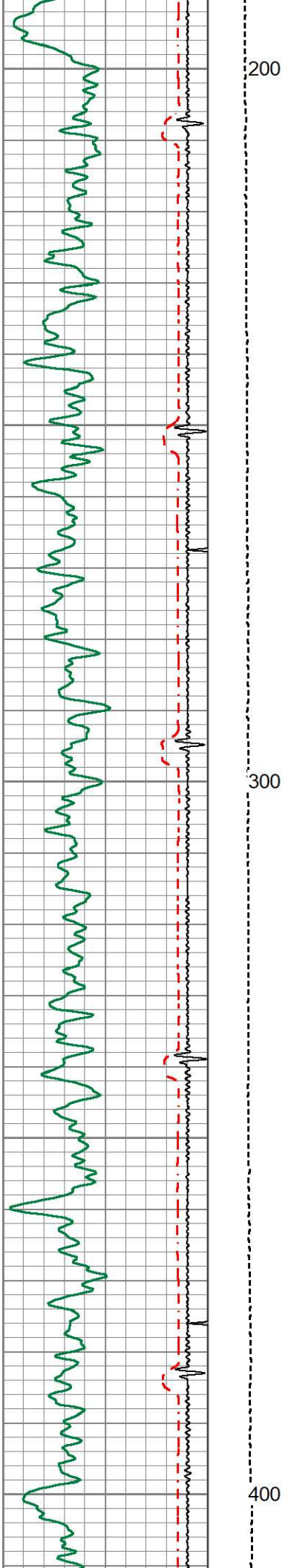
			Centralizers-8071-275-200 Tekco 2 3/4" Adjustable Centralizer	2.73	2.75	25.00
WVFSYNC	16.00					
WVFCAL	16.00					
TEMP	14.87					
WVFS8	13.58					
WVFS7	13.58		SCBLTEKSECT-275 Temp JS (275001) TekCo 2 3/4" 400 Deg. F Sector Tool with Temperature (JS)	9.13	2.75	130.00
WVFS6	13.58					
WVFS5	13.58					
WVFS4	13.58					
WVFS3	13.58					
WVFS2	13.58					
WVFS1	13.58					
WVF3FT	12.83					
WVF5FT	11.83					
WVFTEMP	8.50					
CCL	7.35		CCL-275tekco (111) Tekco 2 3/4" 450 Deg. F Rare Earth Magnets	1.83	2.75	33.00
GR	4.04		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
			Bull_Plug-1_7/16_GO Titan 1 7/16" Female Bull Plug	0.27	1.44	1.00

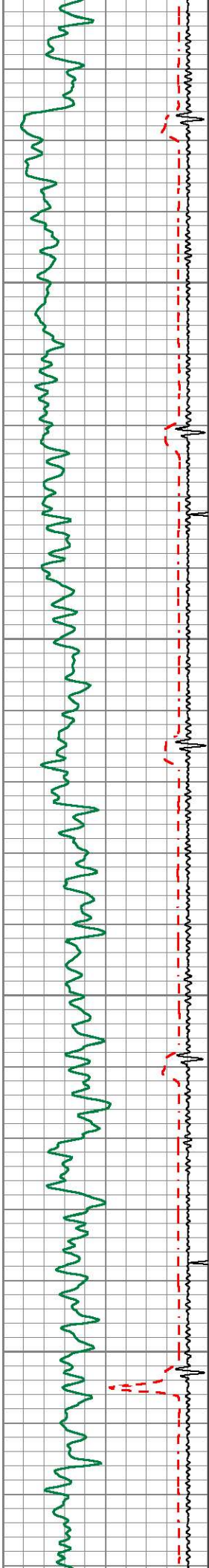
Dataset: occidental_lee25-6x_0512333287_2022_04_20_scbl.db: field/well/run1/pass5.1
 Total length: 21.37 ft
 Total weight: 257.31 lb
 O.D.: 2.75 in

Database File occidental_lee25-6x_0512333287_2022_04_20_scbl.db
 Dataset Pathname pass5.1
 Presentation Format 1patriotradii
 Dataset Creation Wed Apr 20 14:46:08 2022
 Charted by Depth in Foot scaled 1:240

293	TT (usec)	193	LTEN	0	AMP (mV)	100	0	AMPAVG	100	200	VDL (usec)	1200	1	RADIAL MAP	8
0	GR (GAPI)	200	0	(lb/1000)	0	3FT X 5 (mV)	20	0	AMPMAX	100					
9	CCL	-1	LSPD					0	AMPMIN	100					
			(ft/min)												
			0	100											

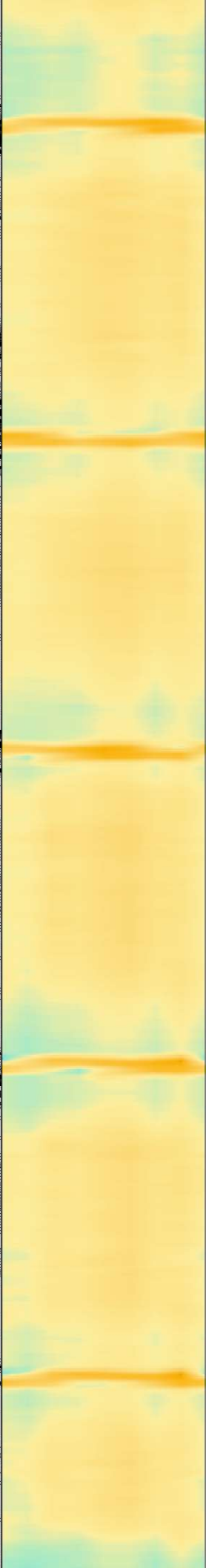
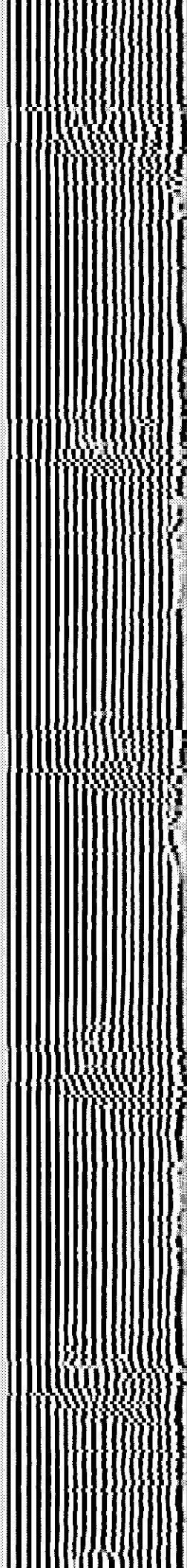
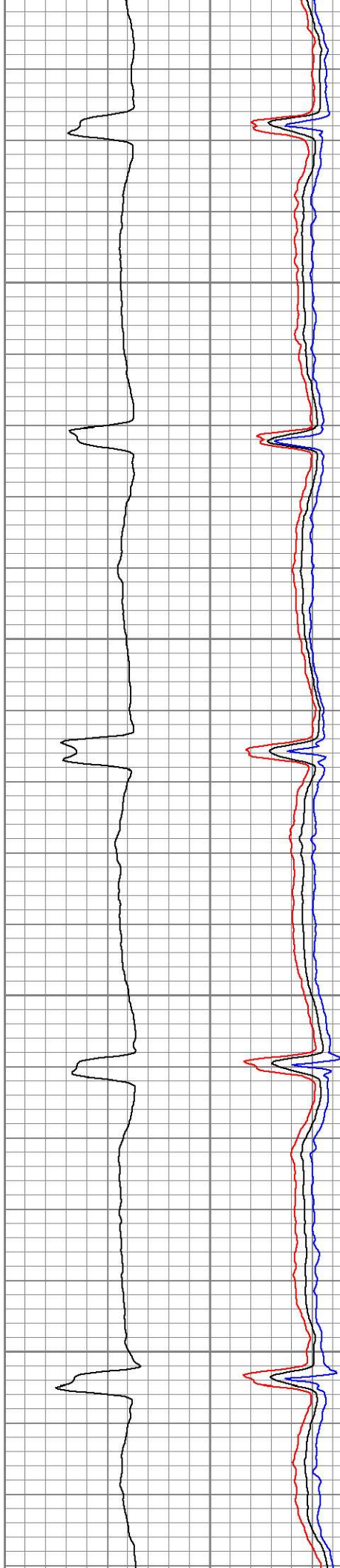


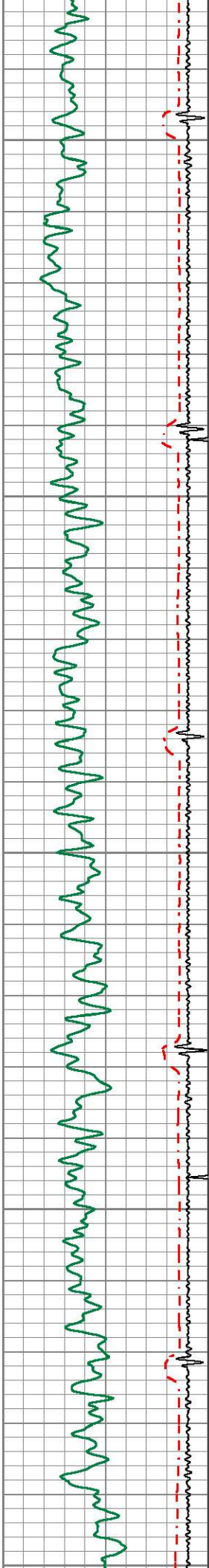




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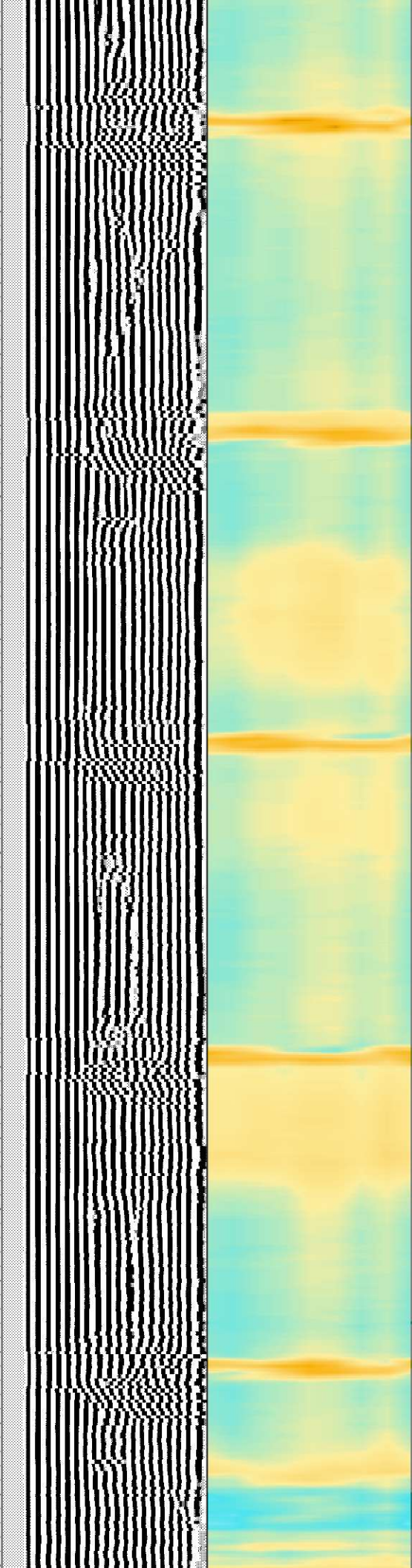
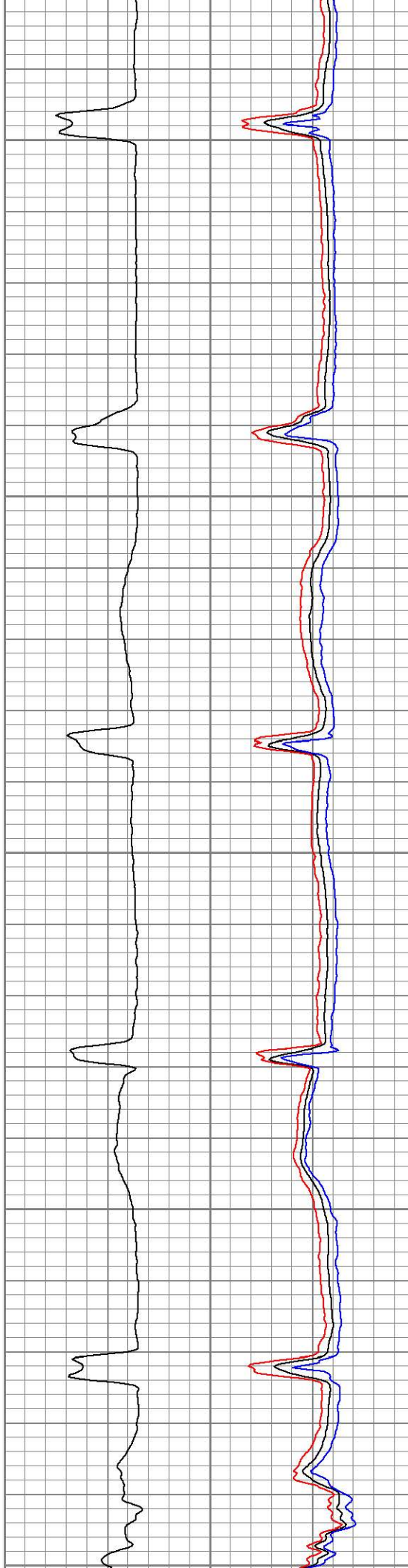
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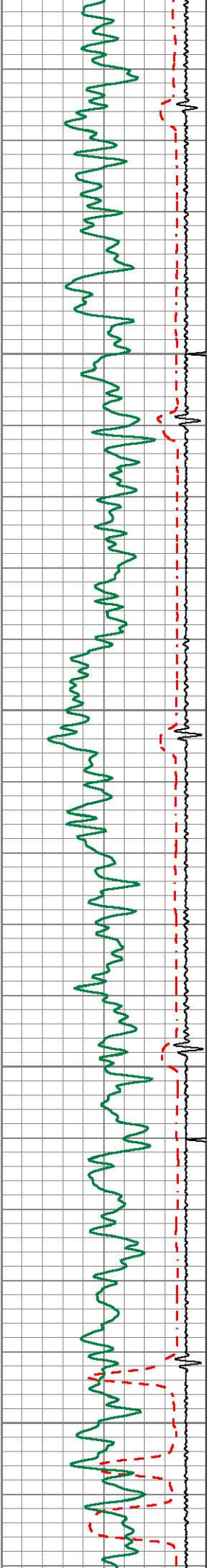




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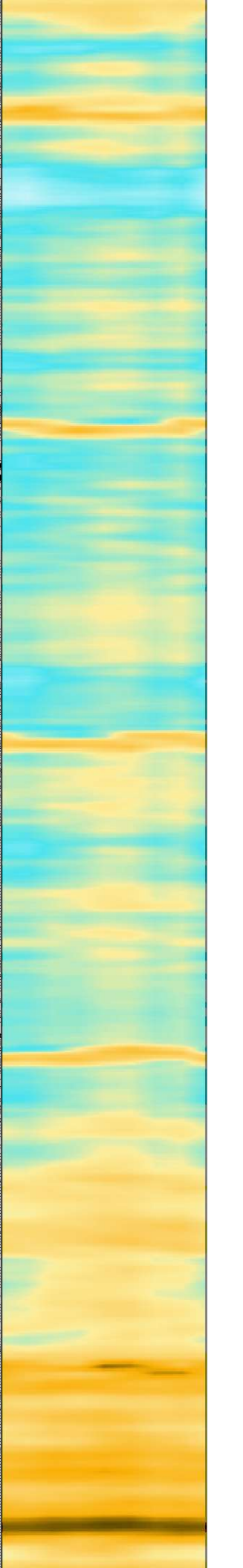
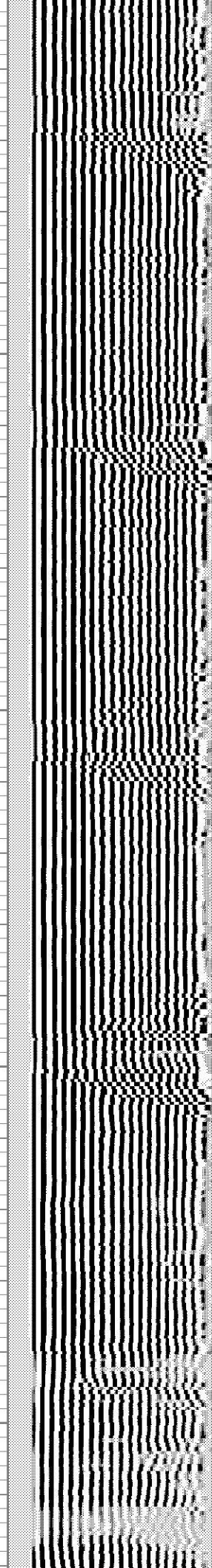
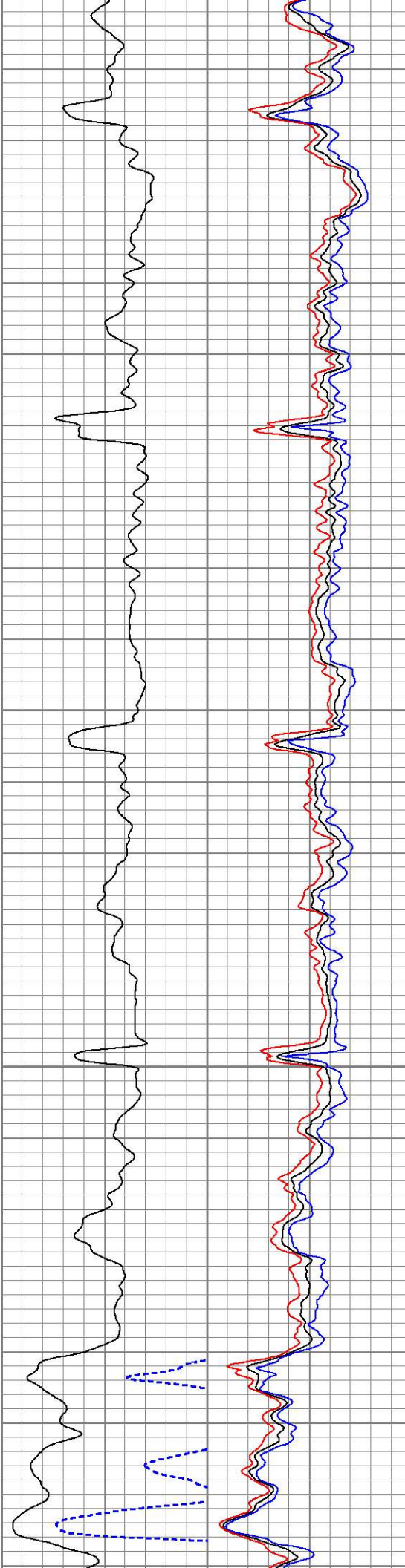
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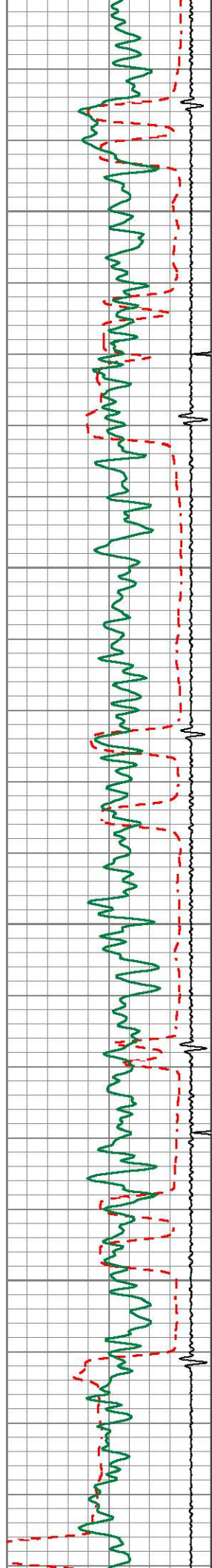




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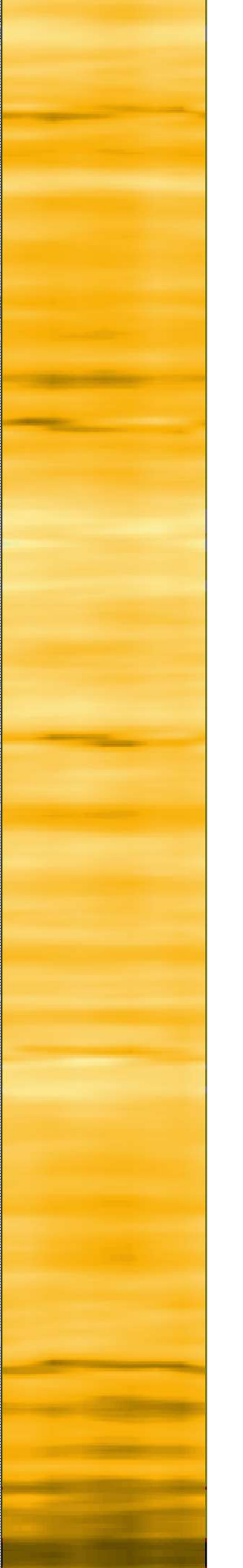
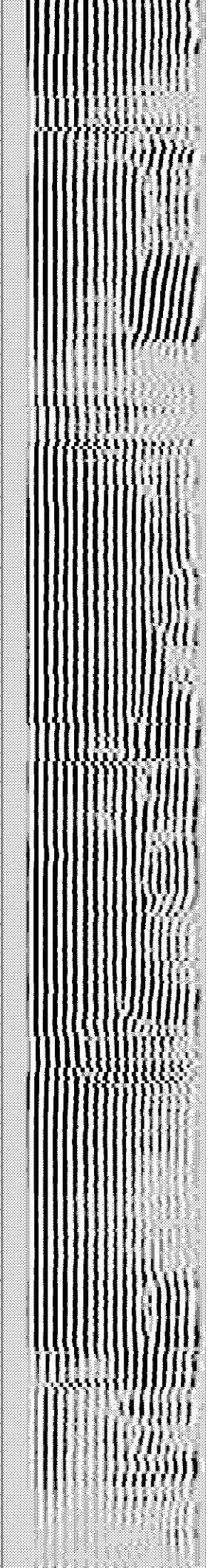
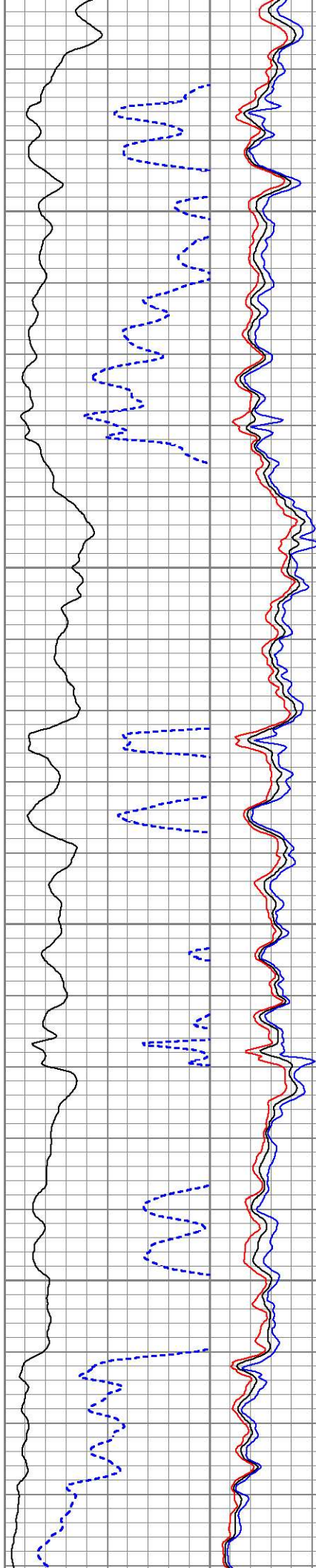
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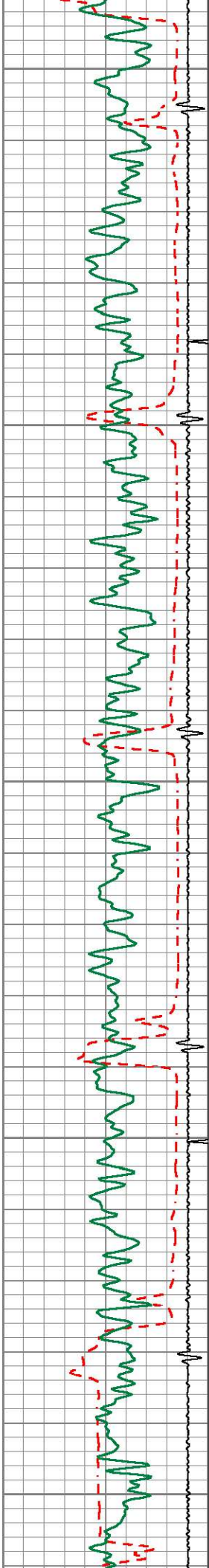




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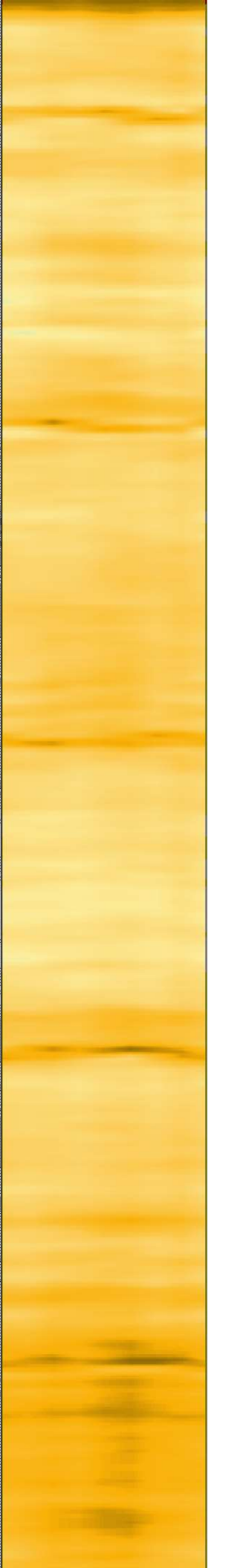
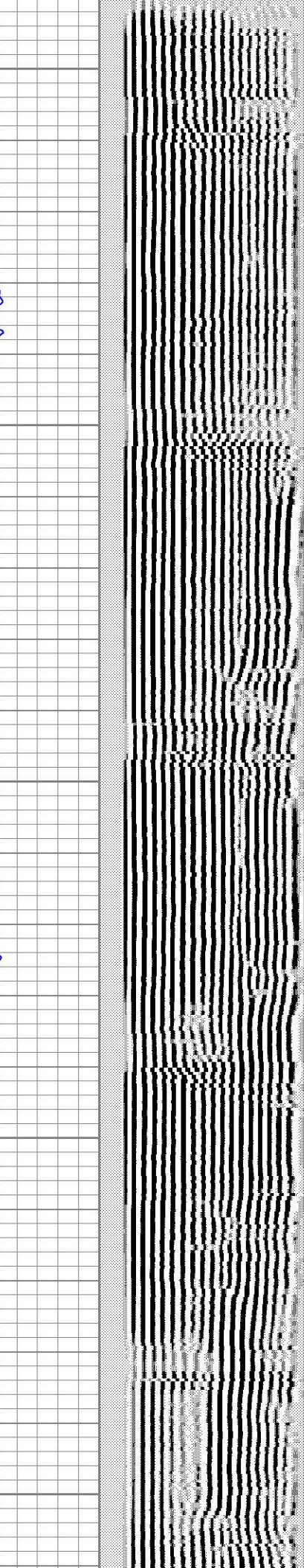
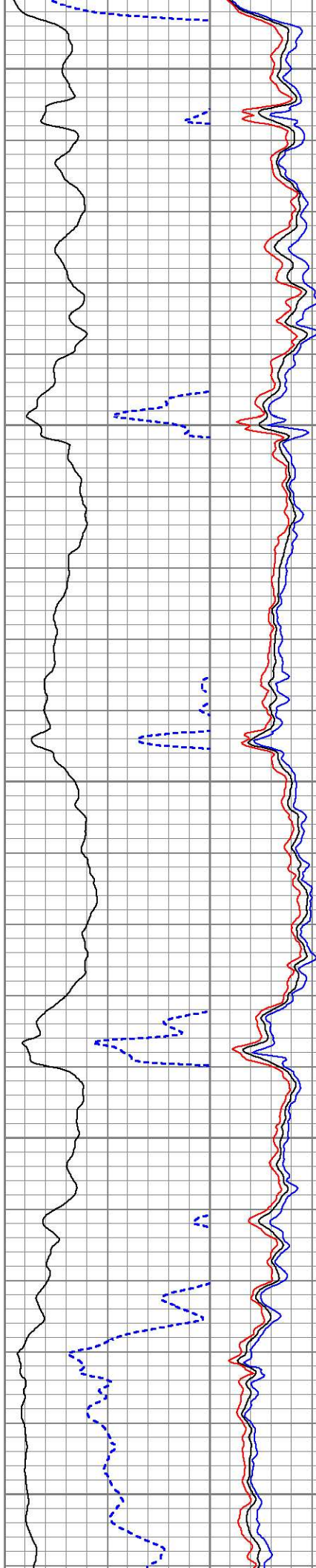


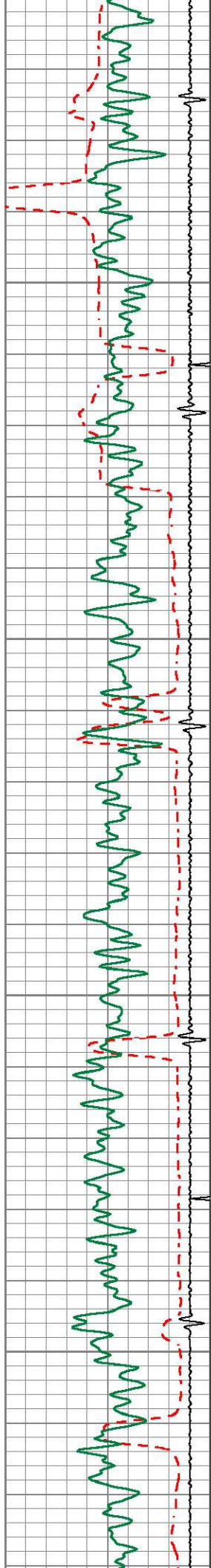


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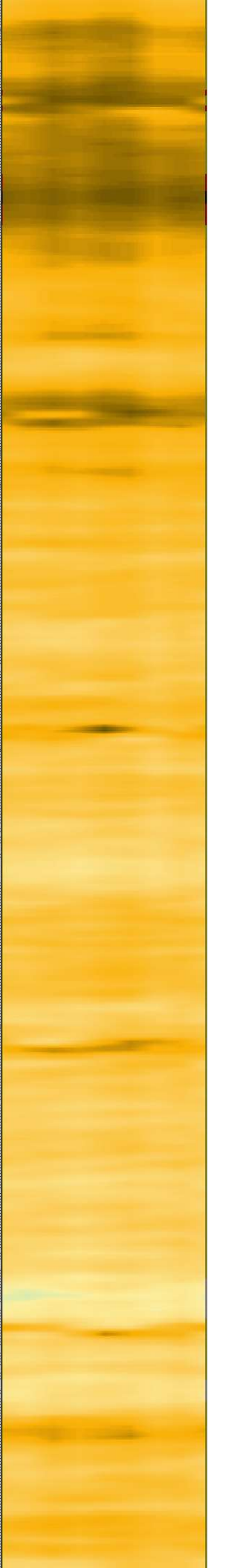
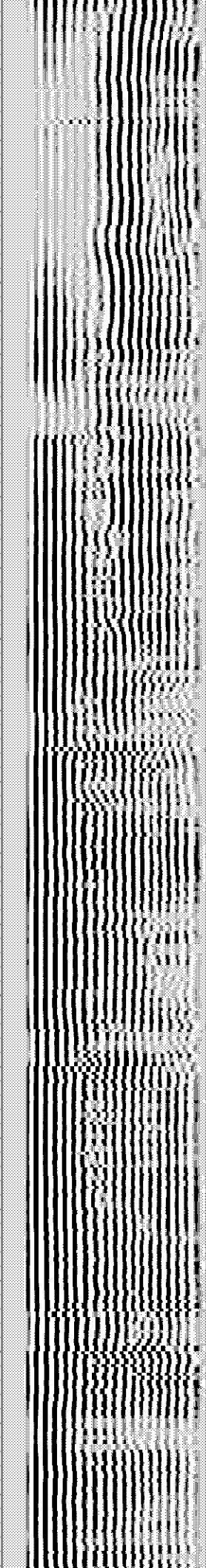
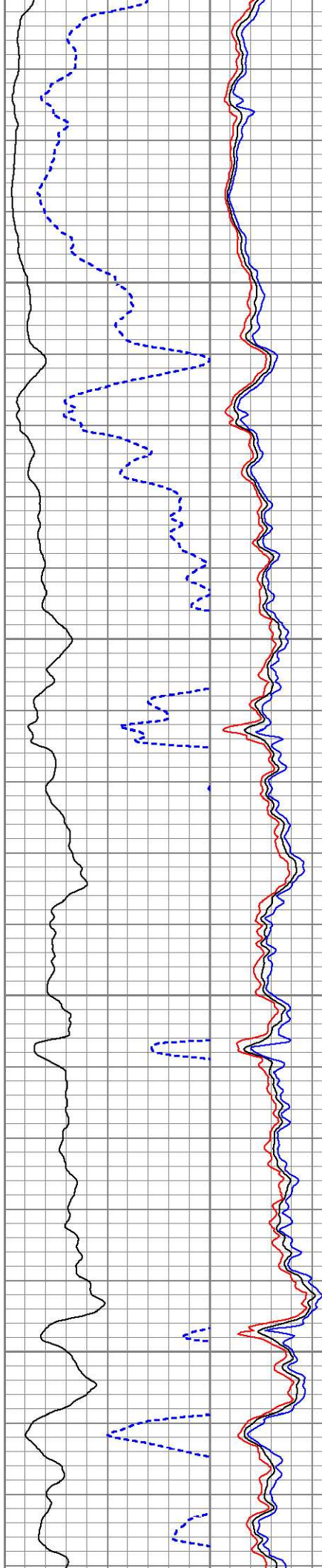
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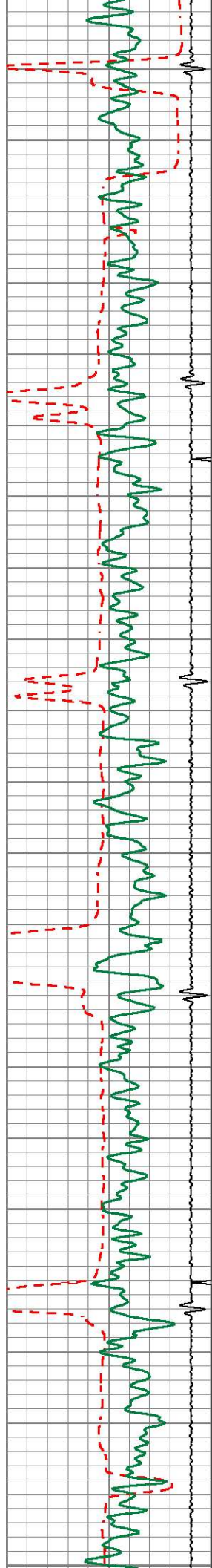




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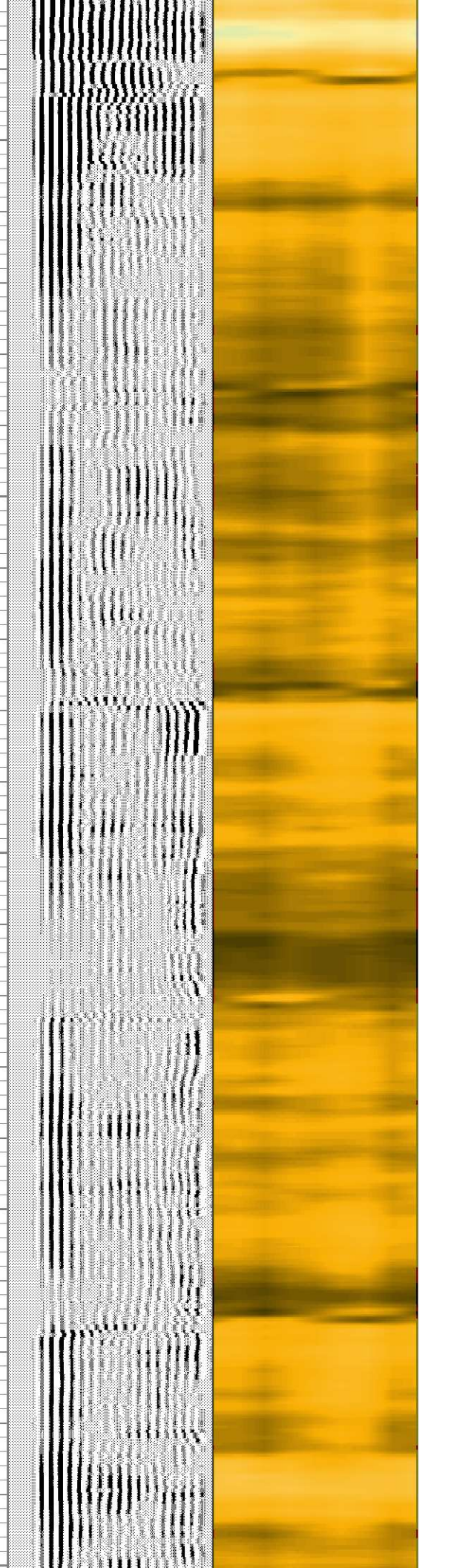
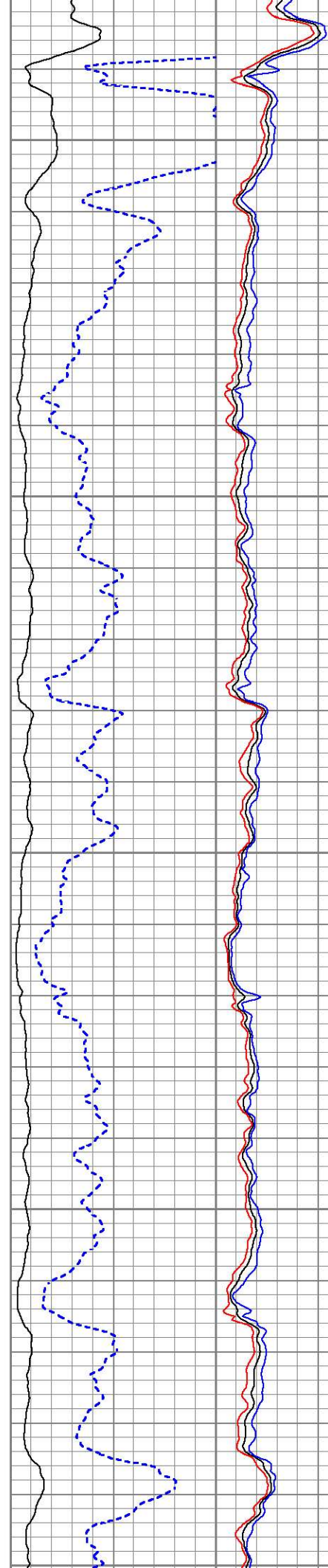
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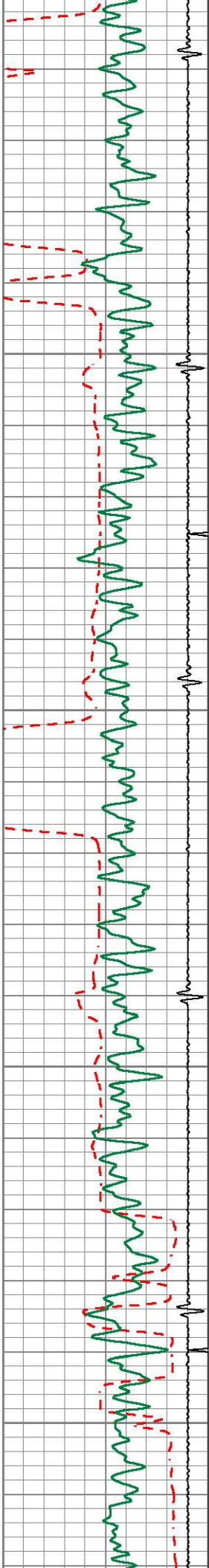




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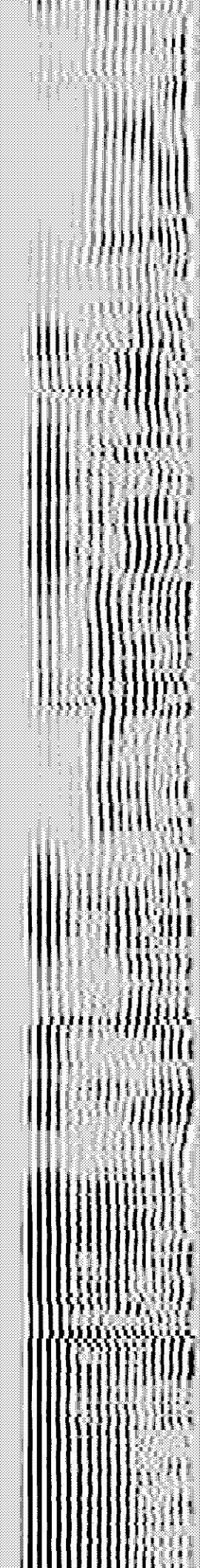
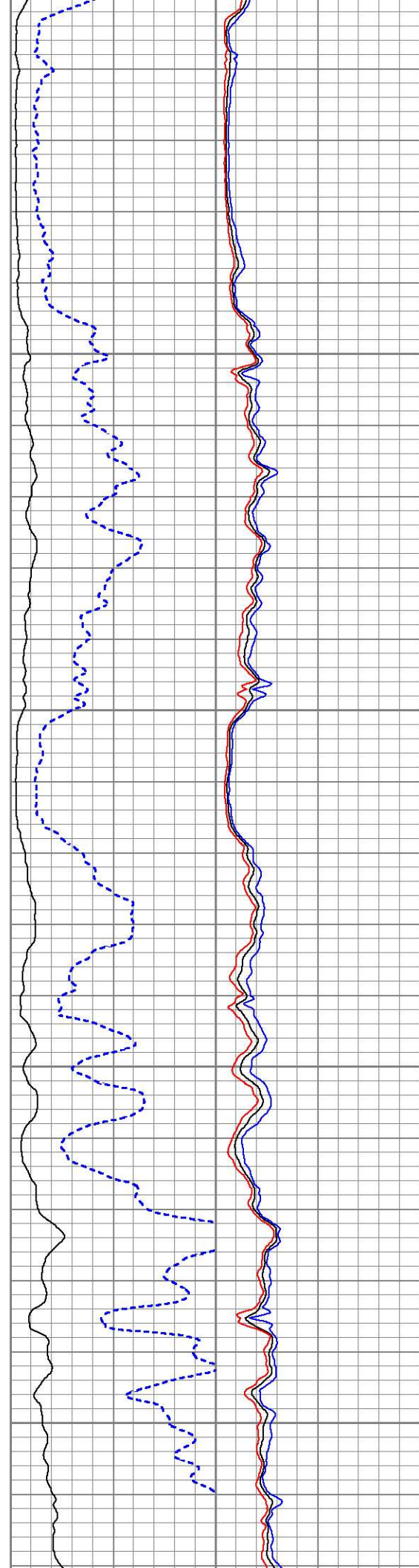
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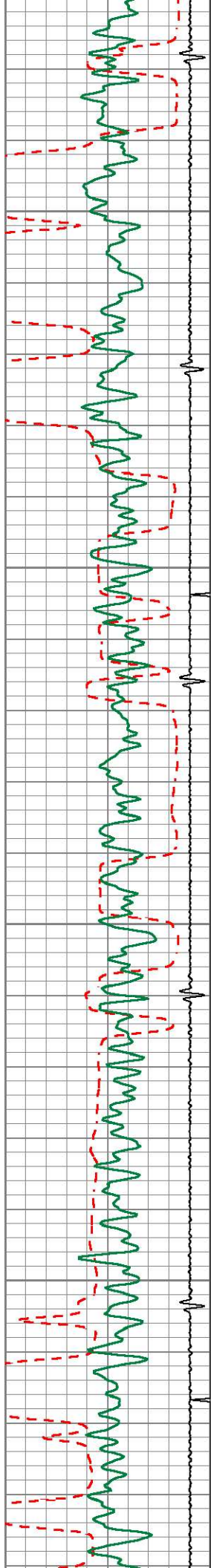




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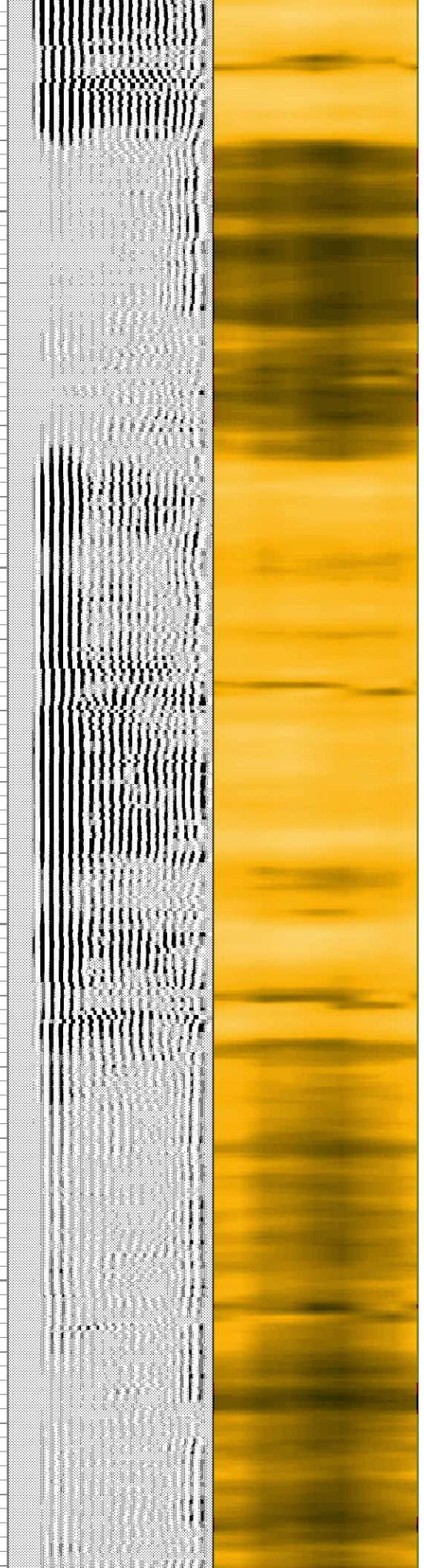
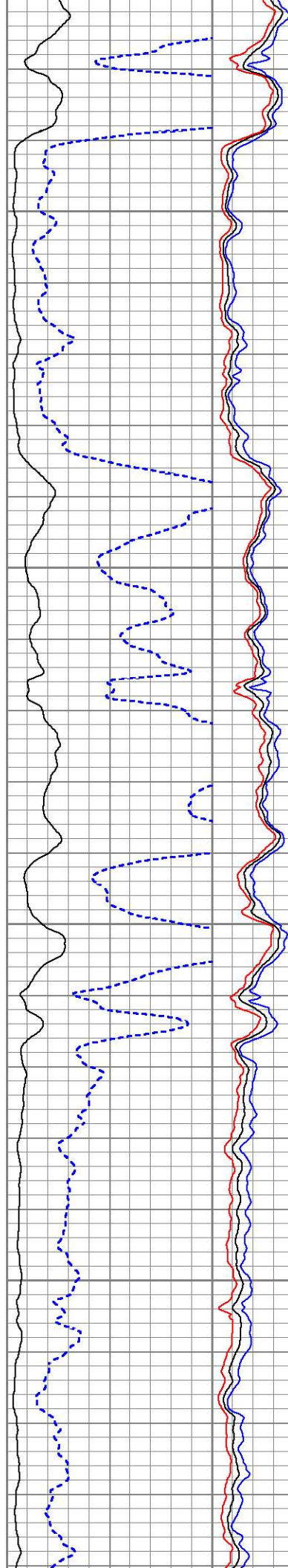
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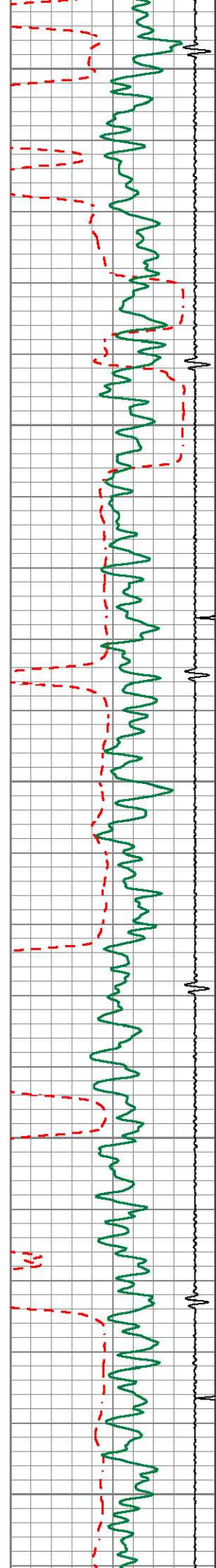




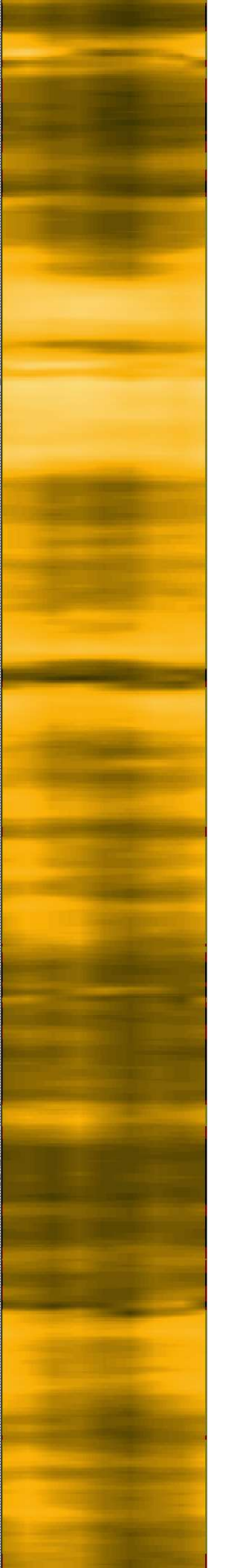
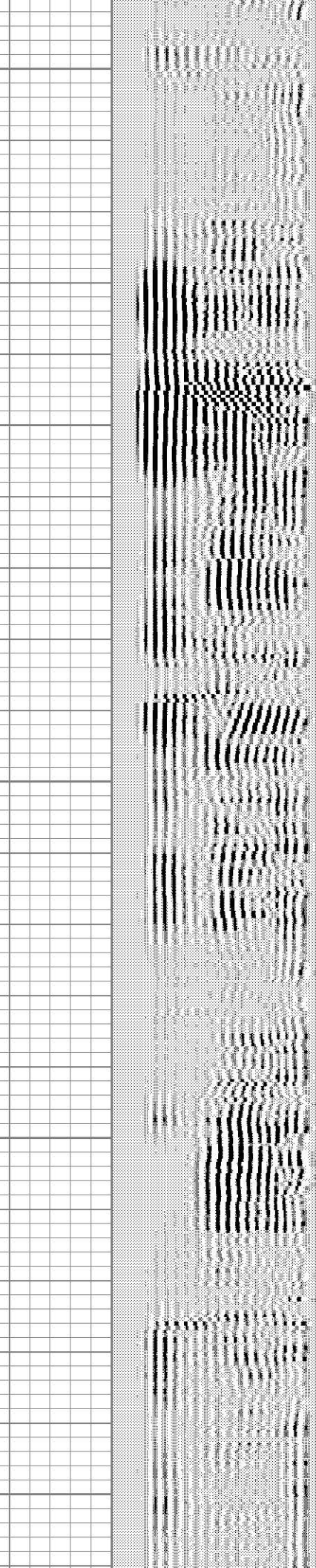
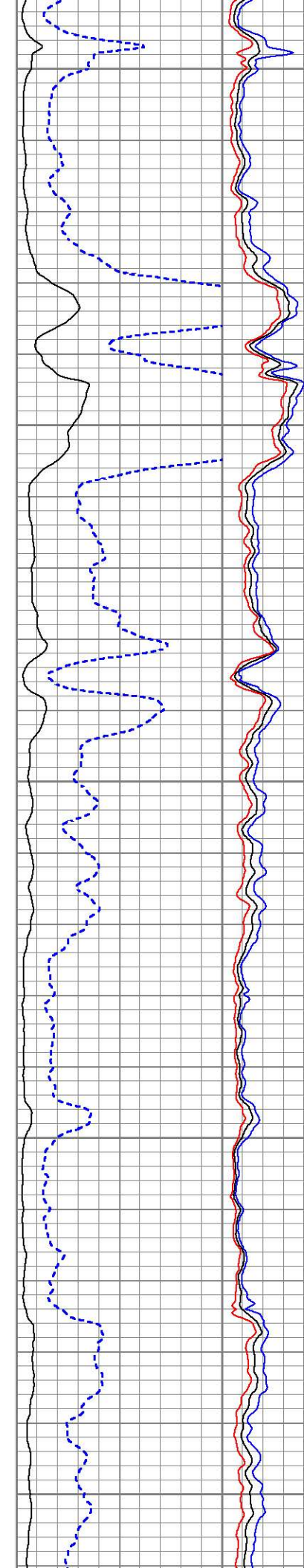
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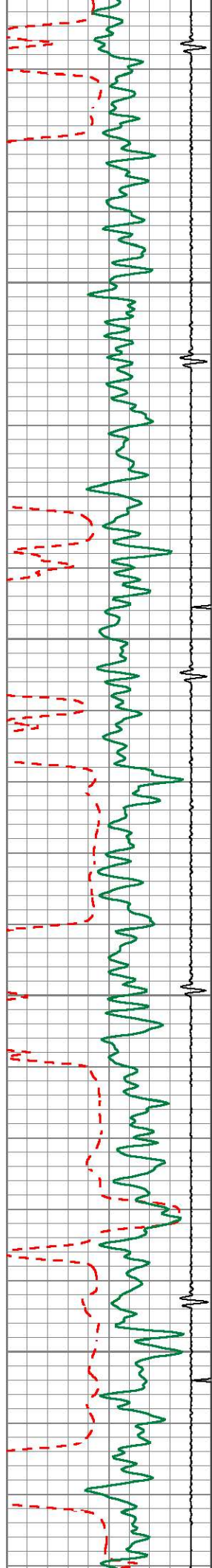
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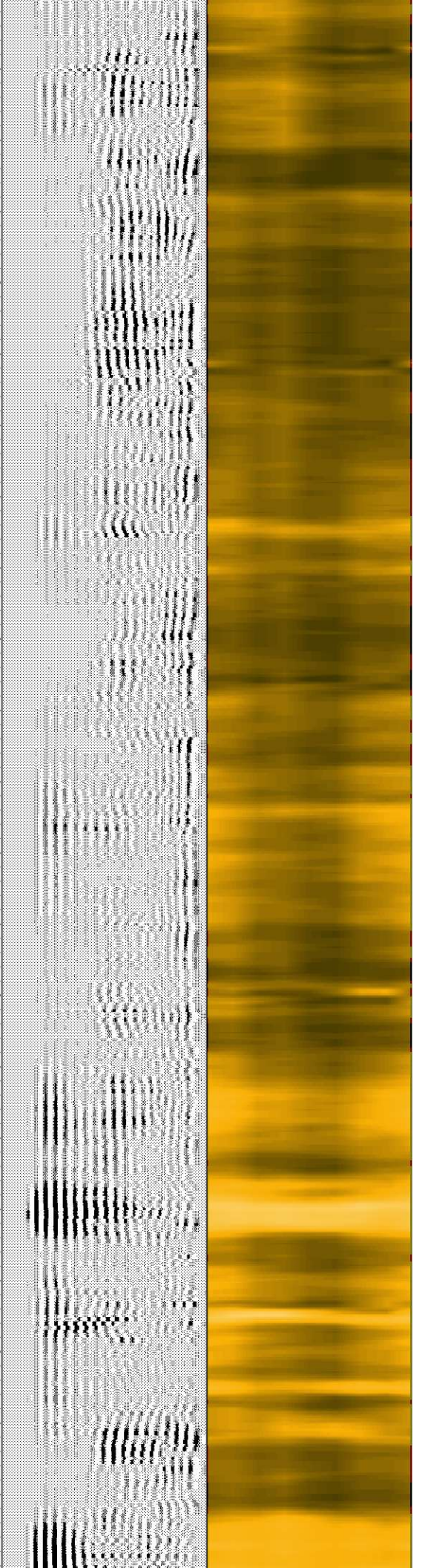
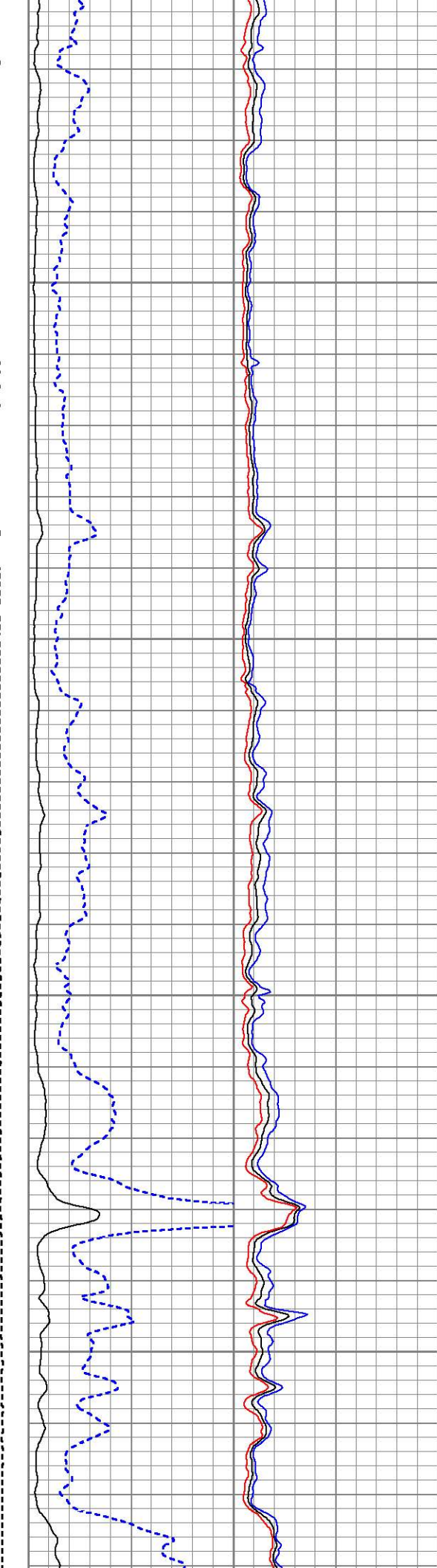
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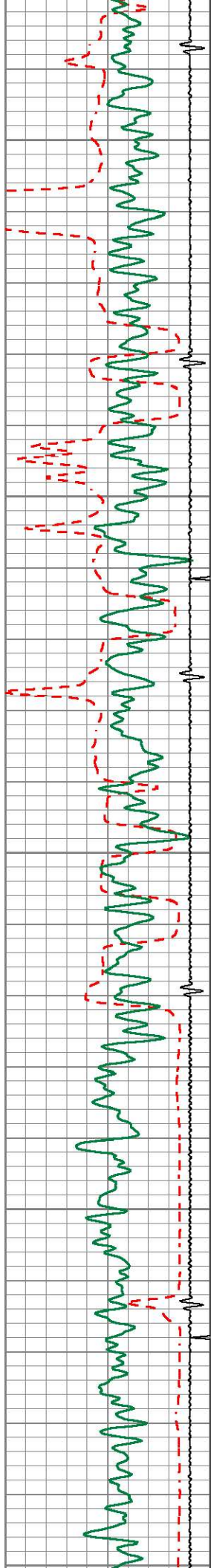




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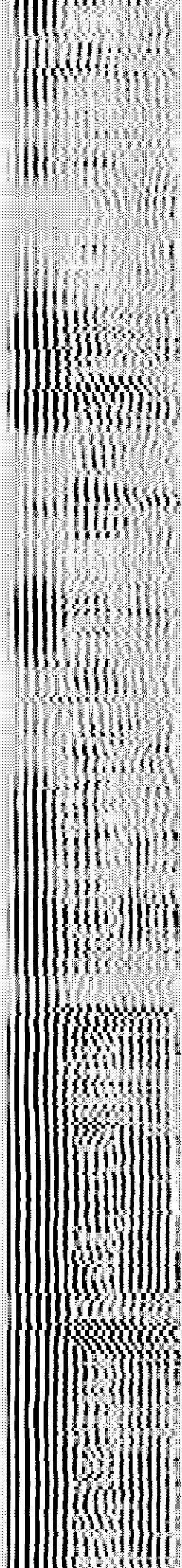
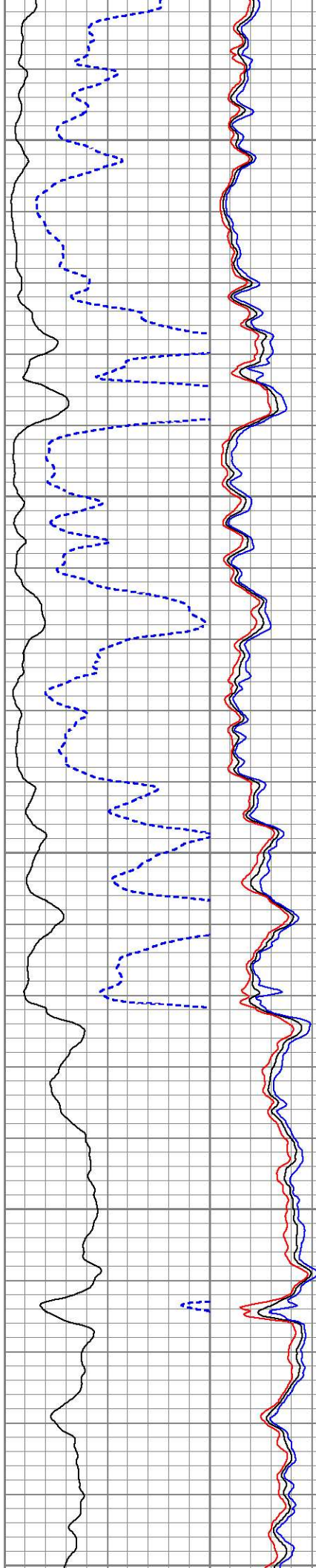
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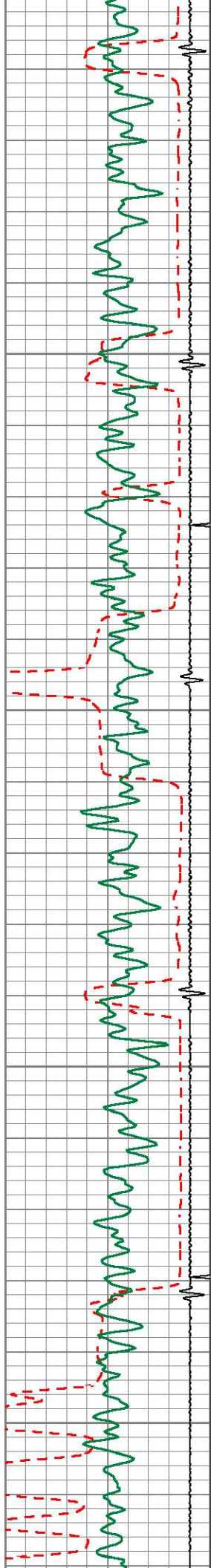




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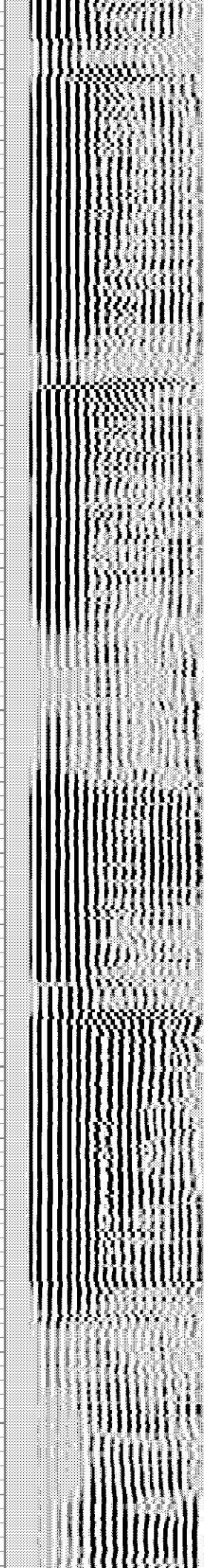
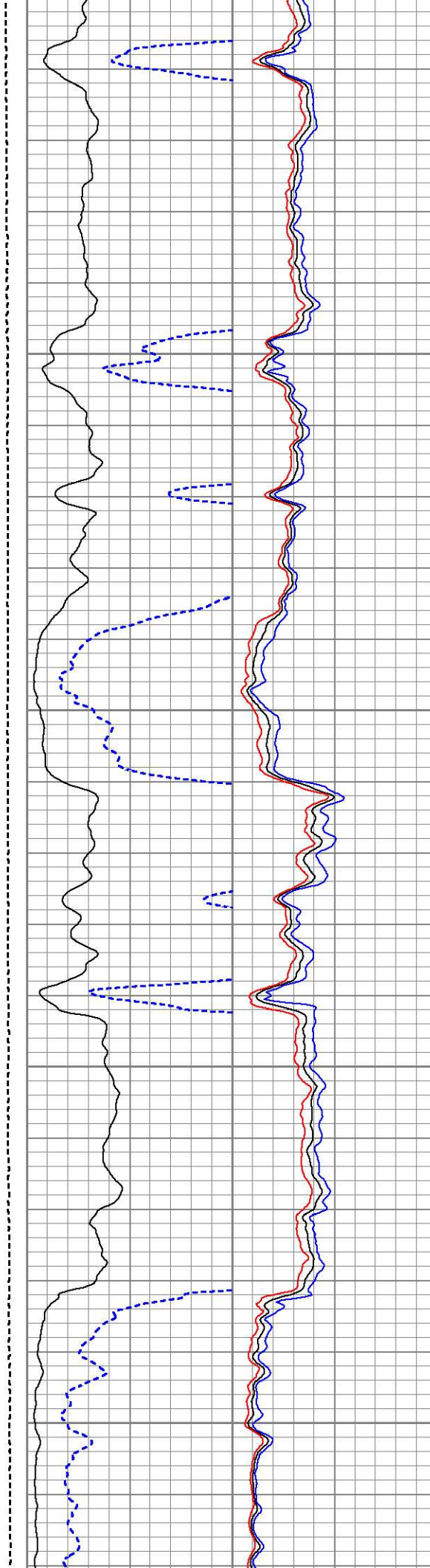
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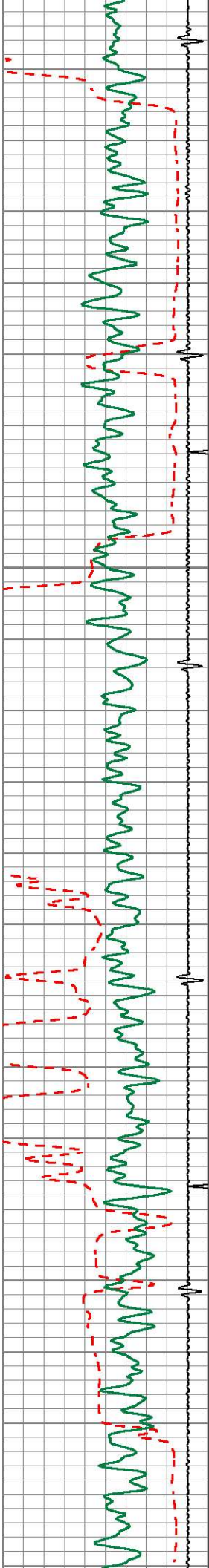




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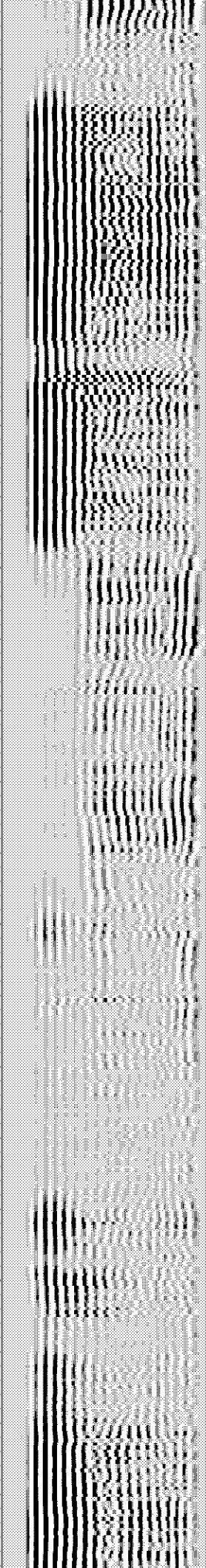
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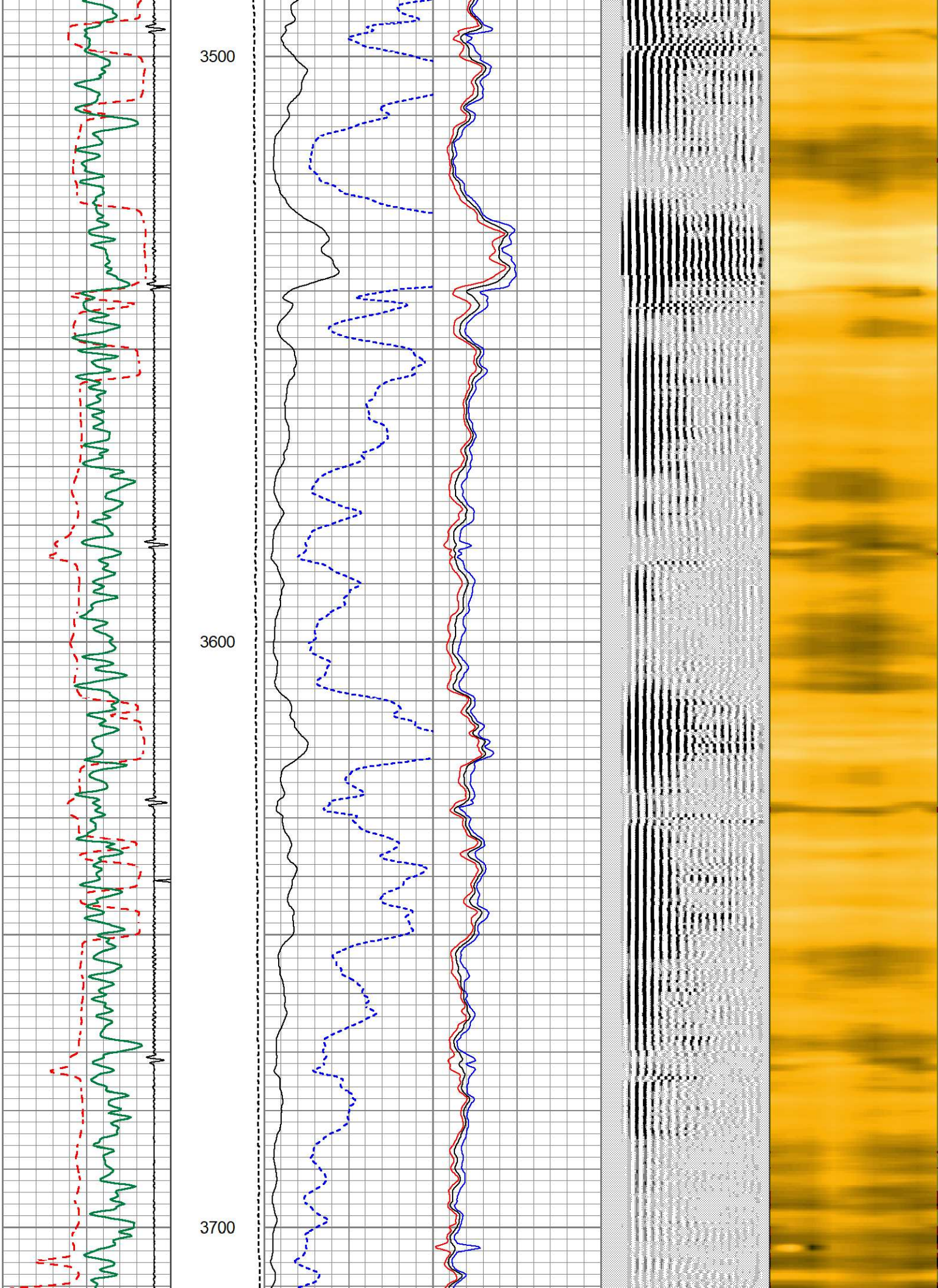


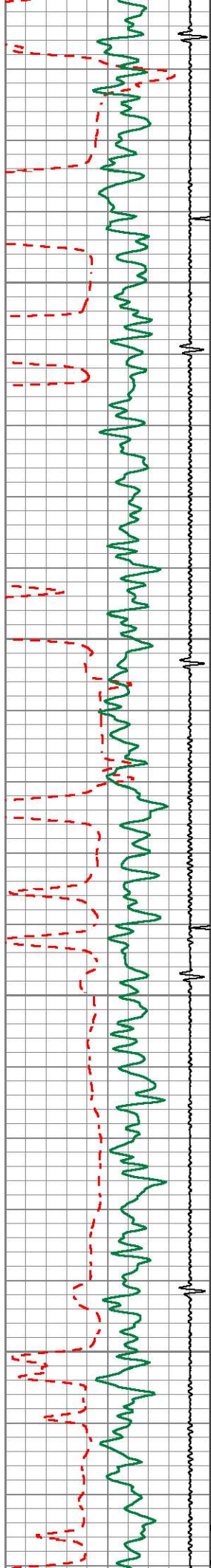


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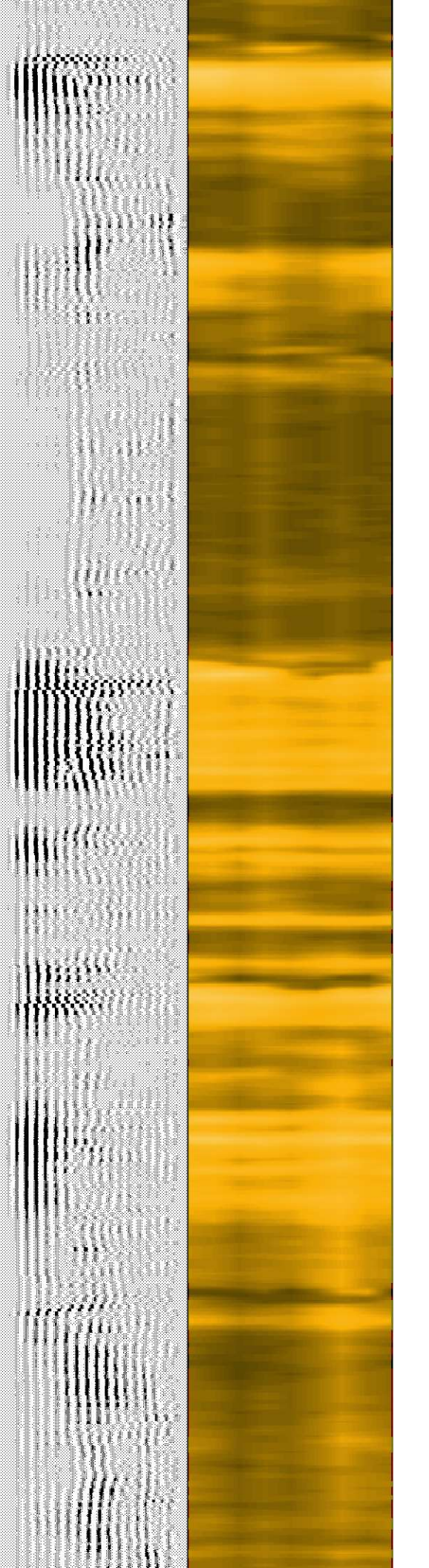
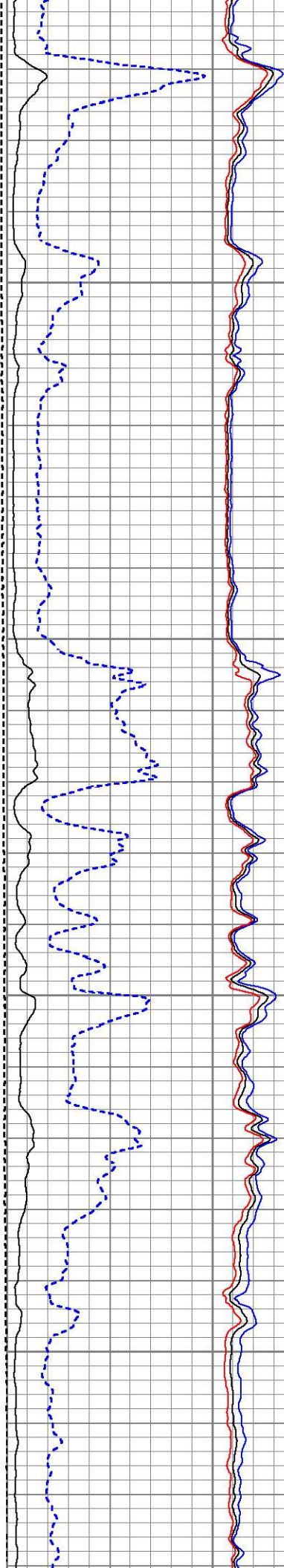


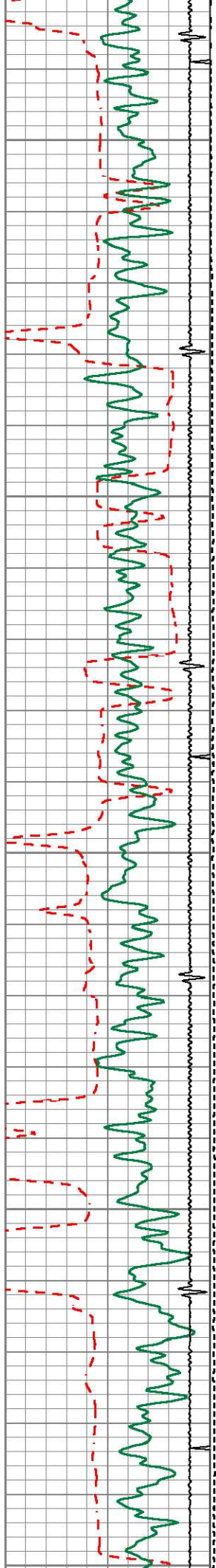




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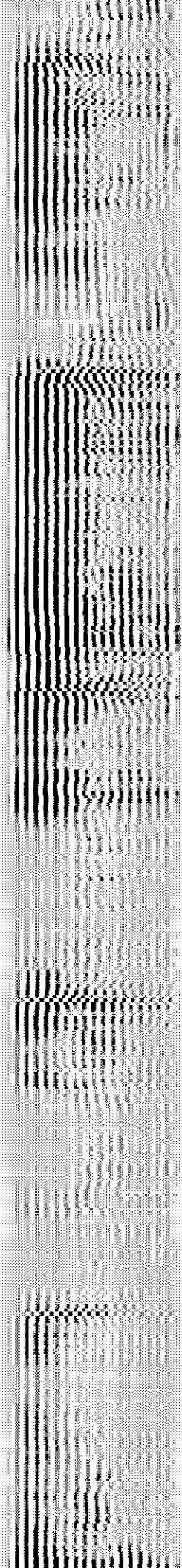
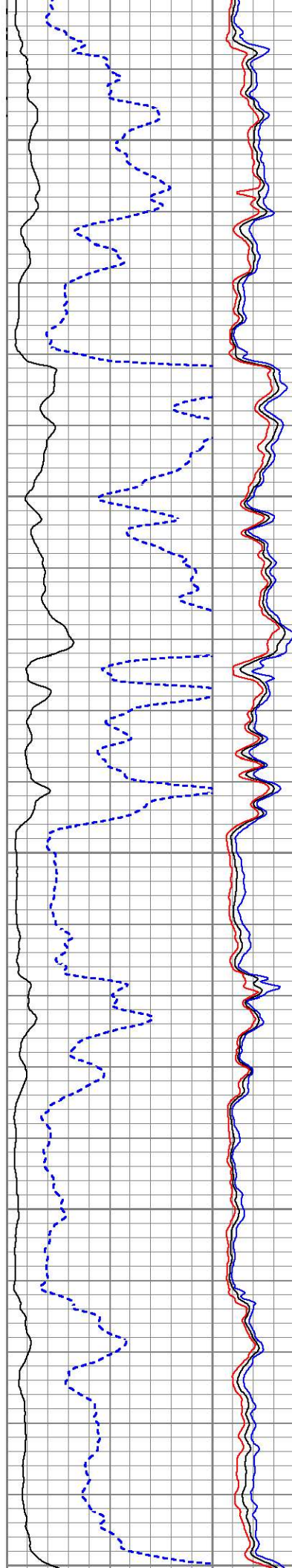
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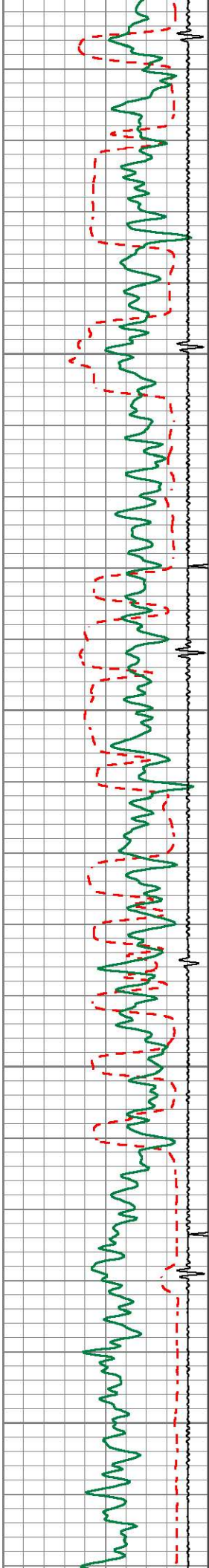




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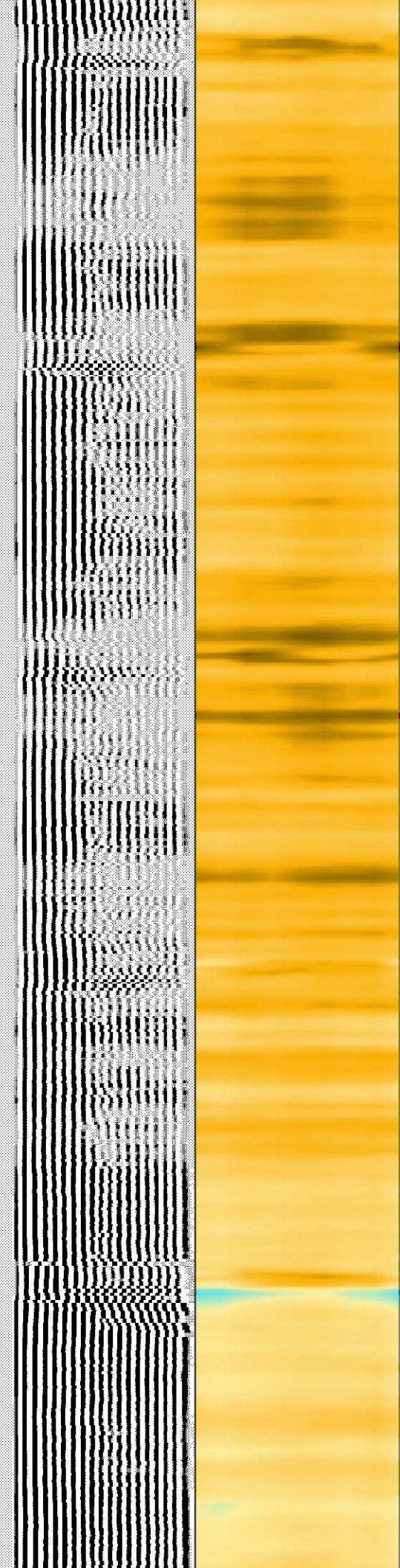
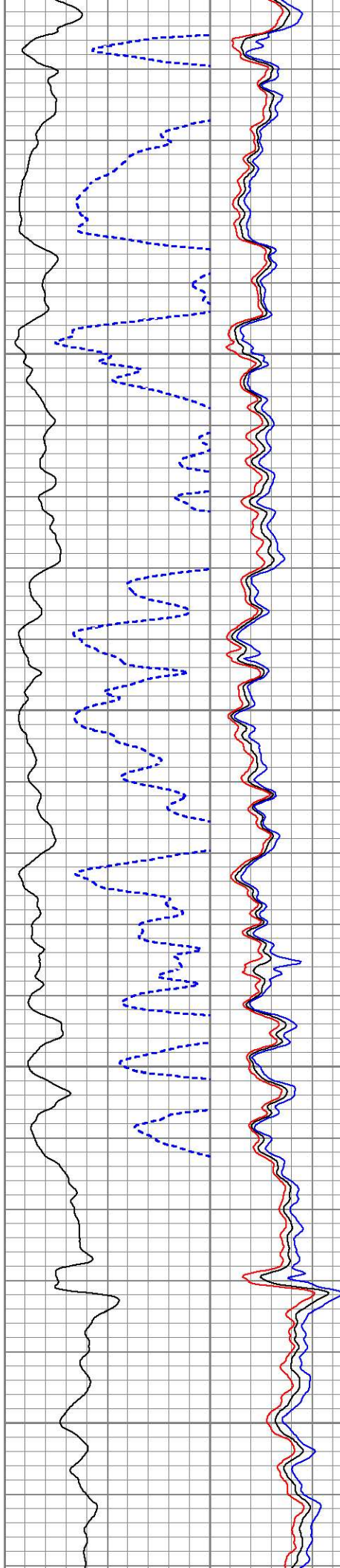
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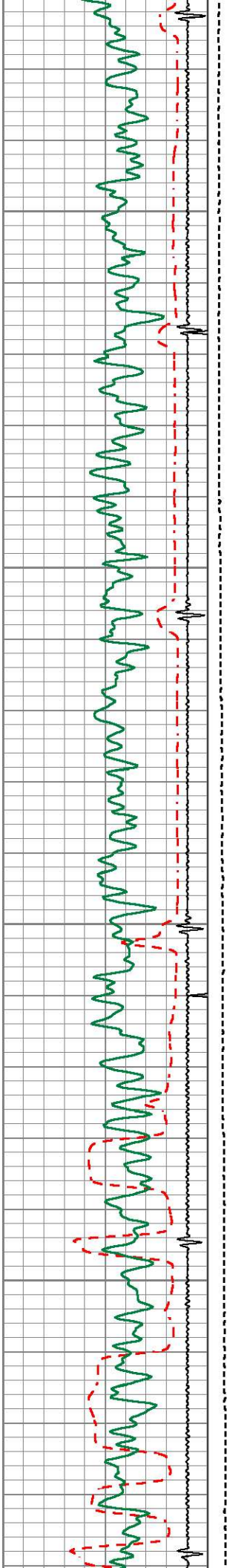




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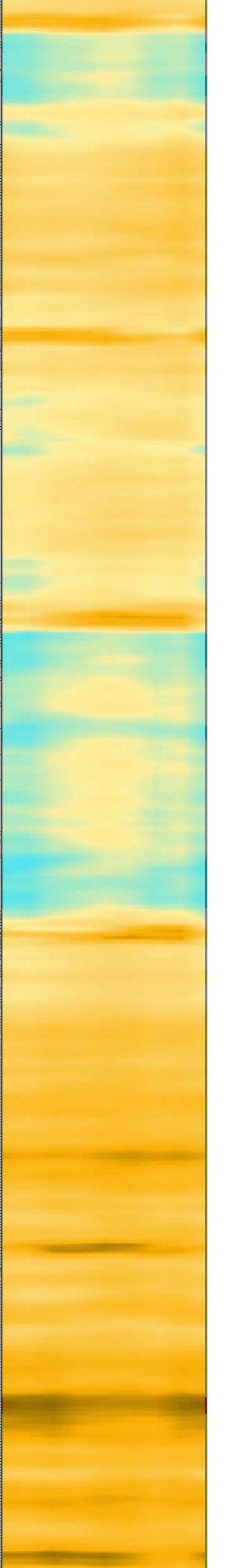
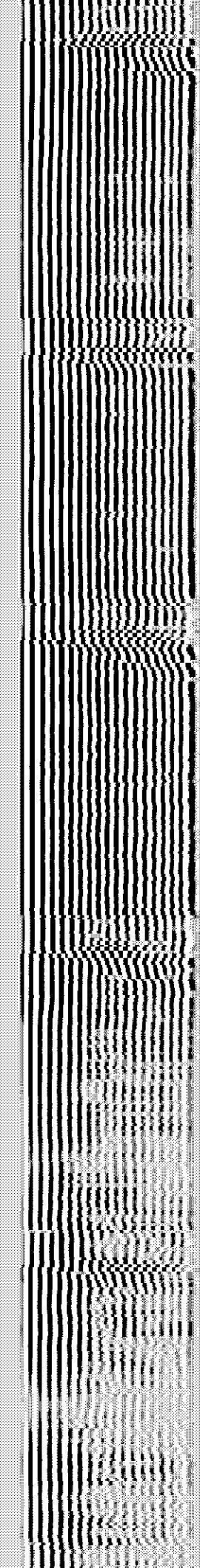
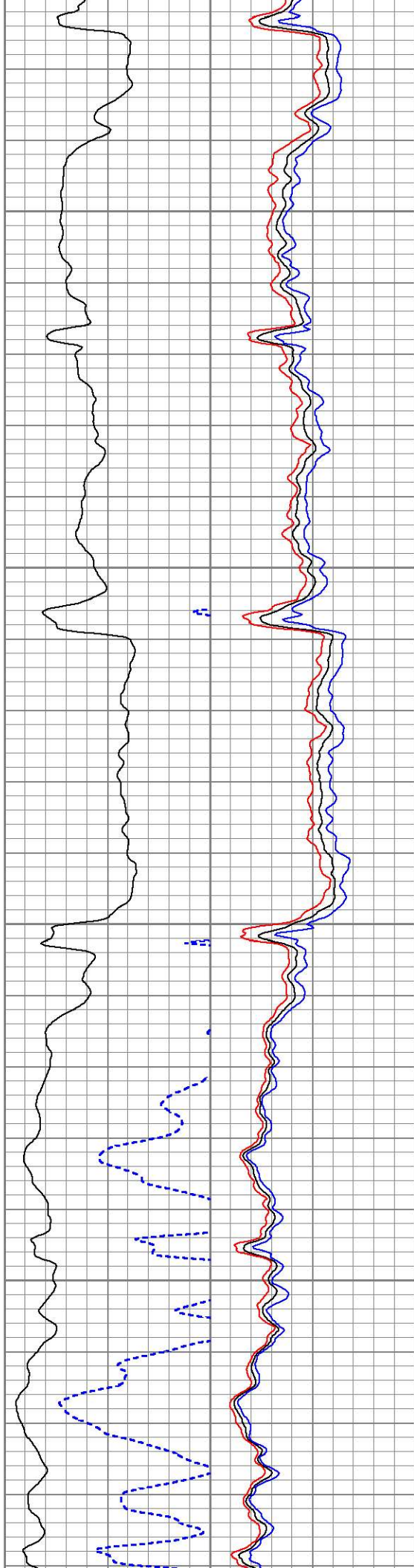
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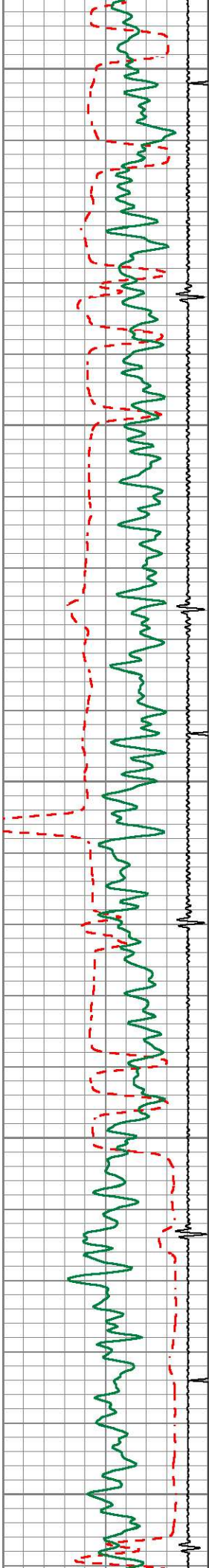




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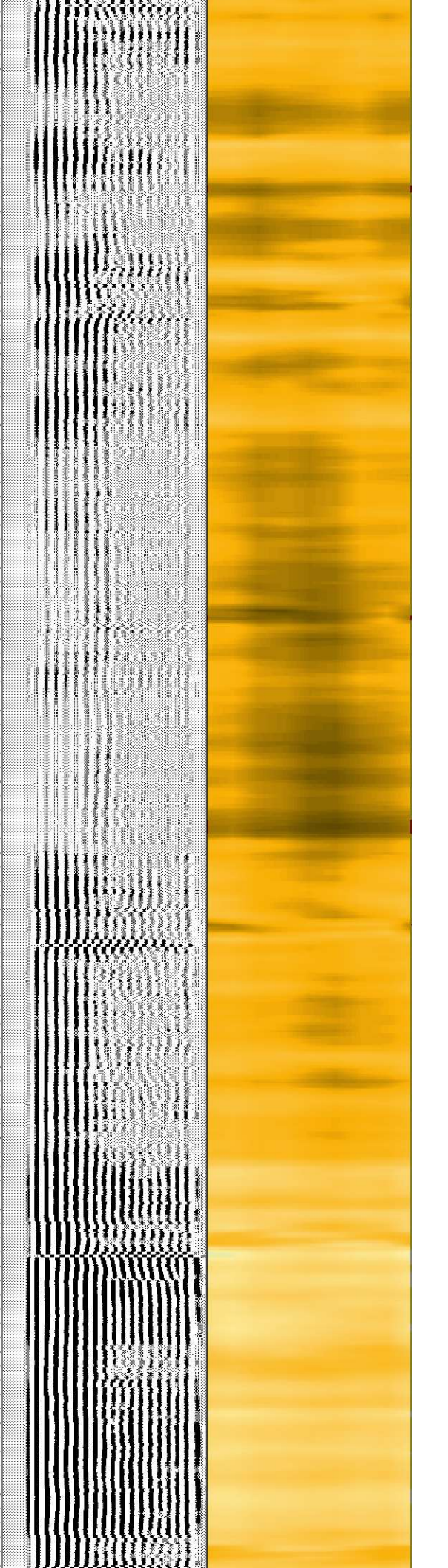
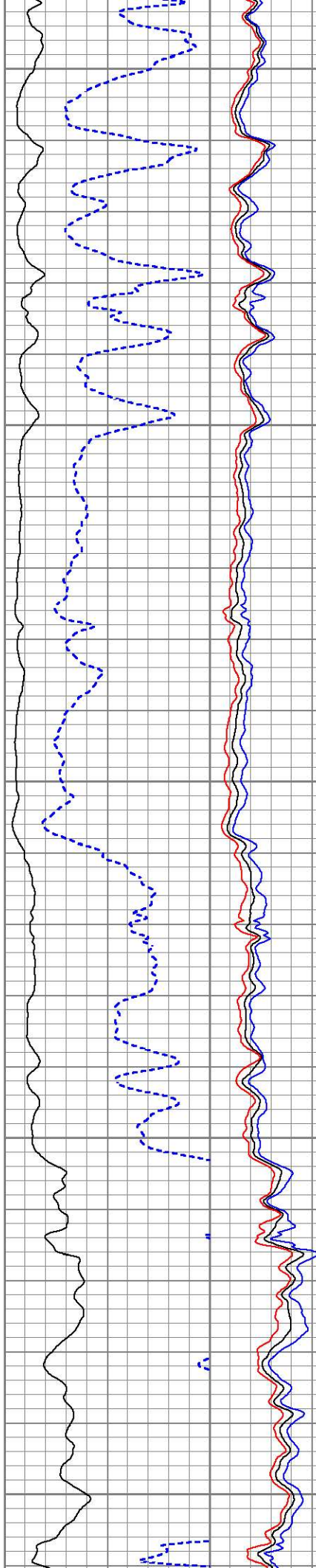


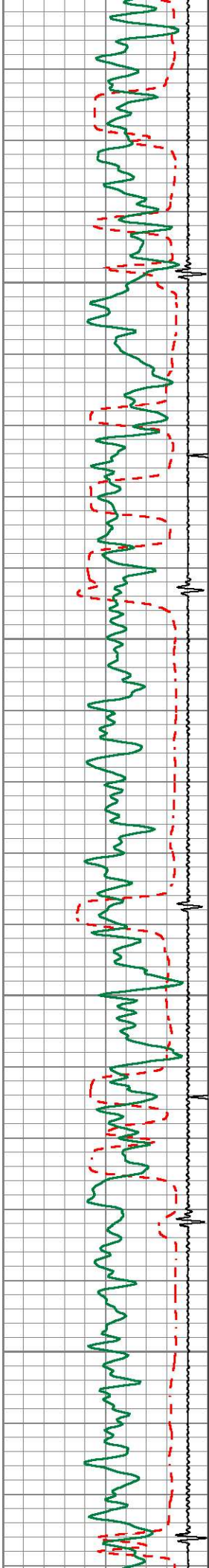


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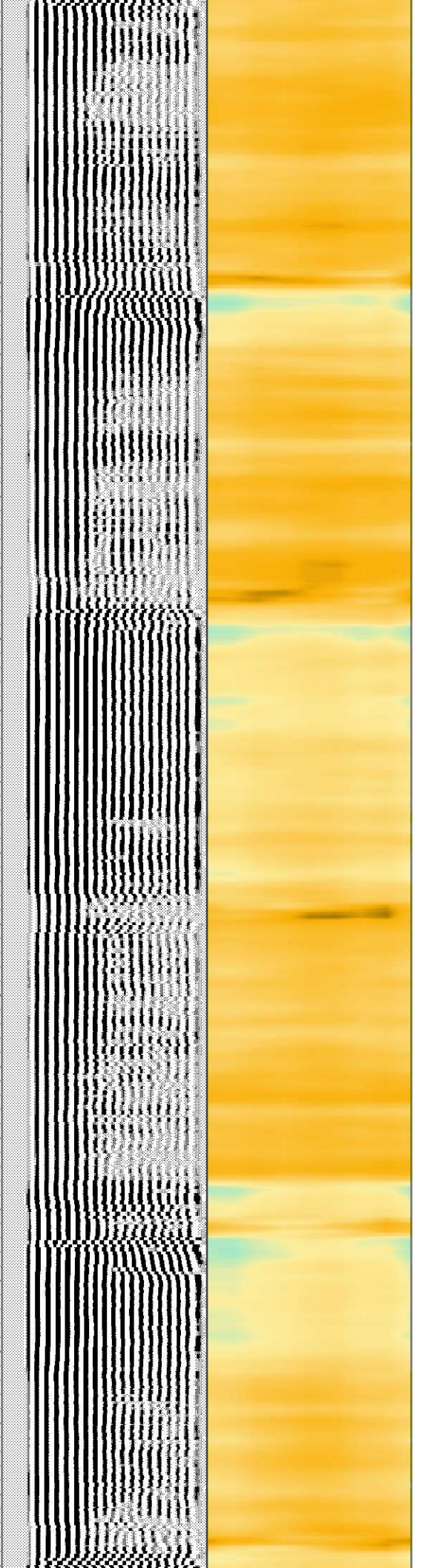
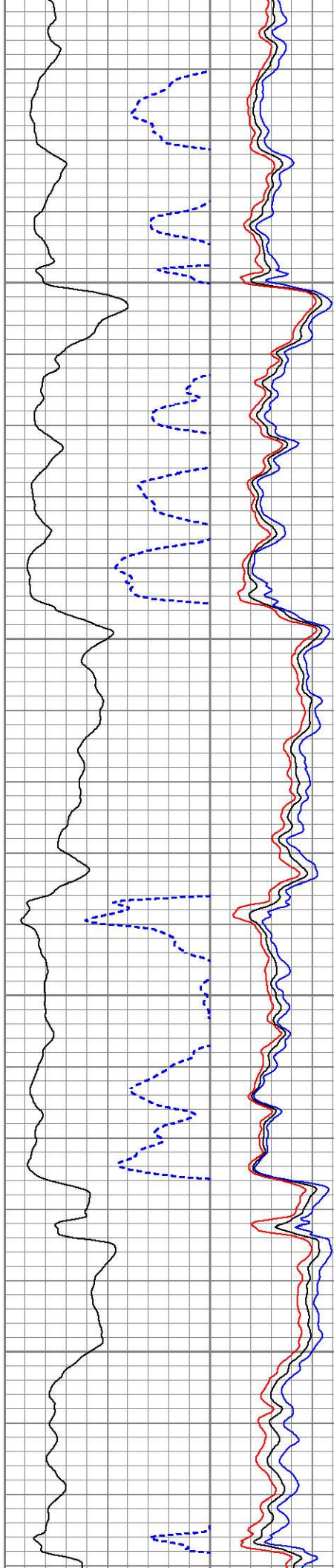
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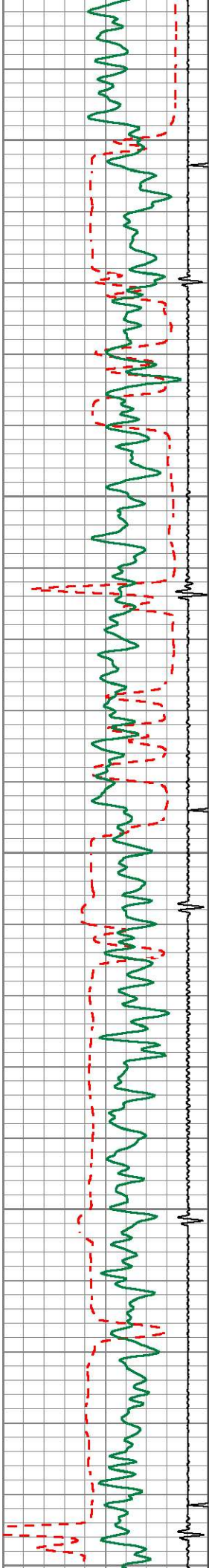




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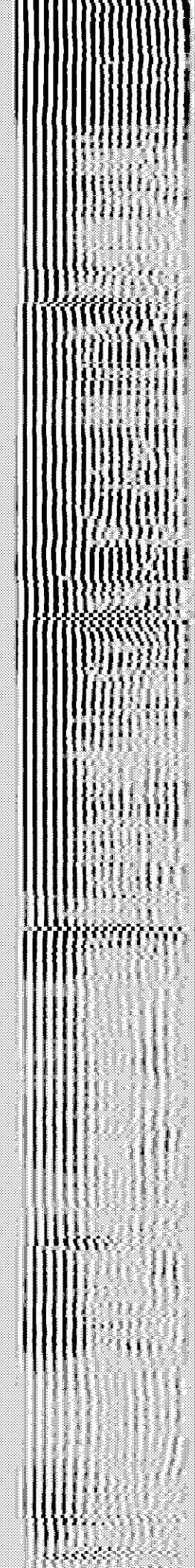
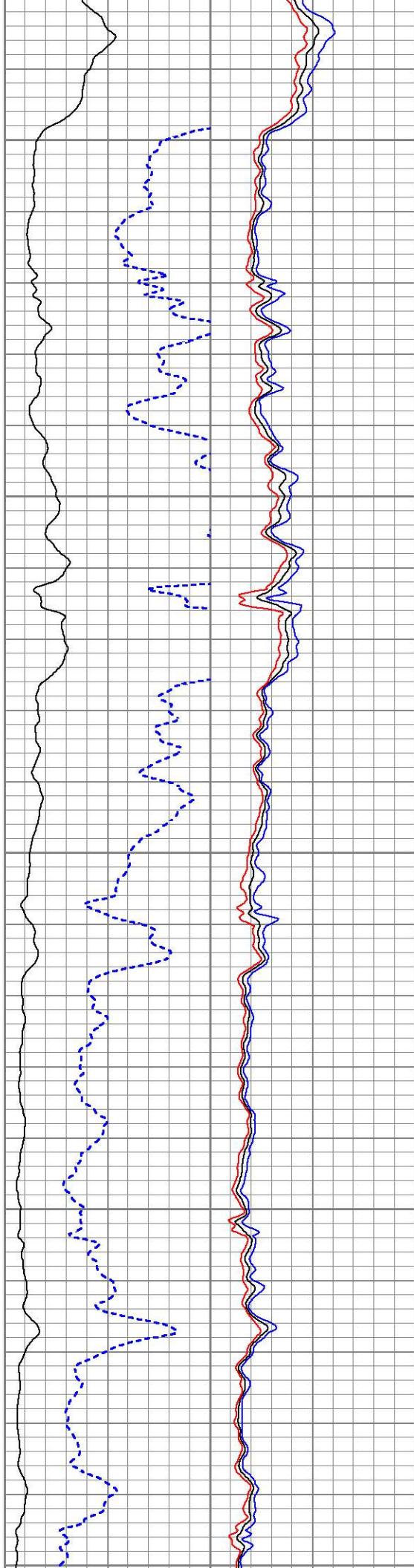
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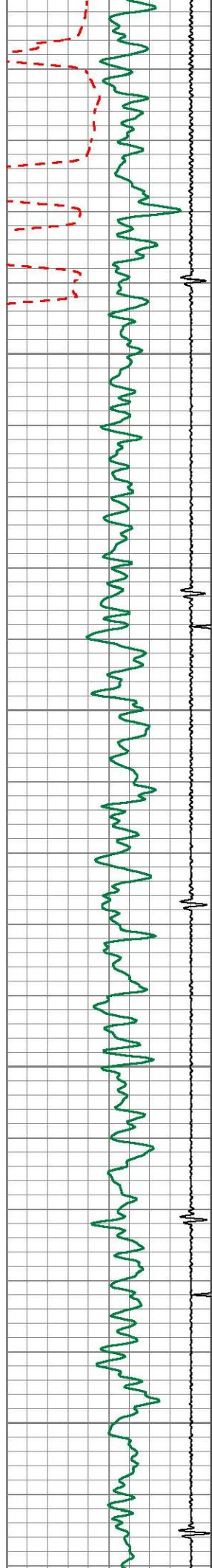




5100

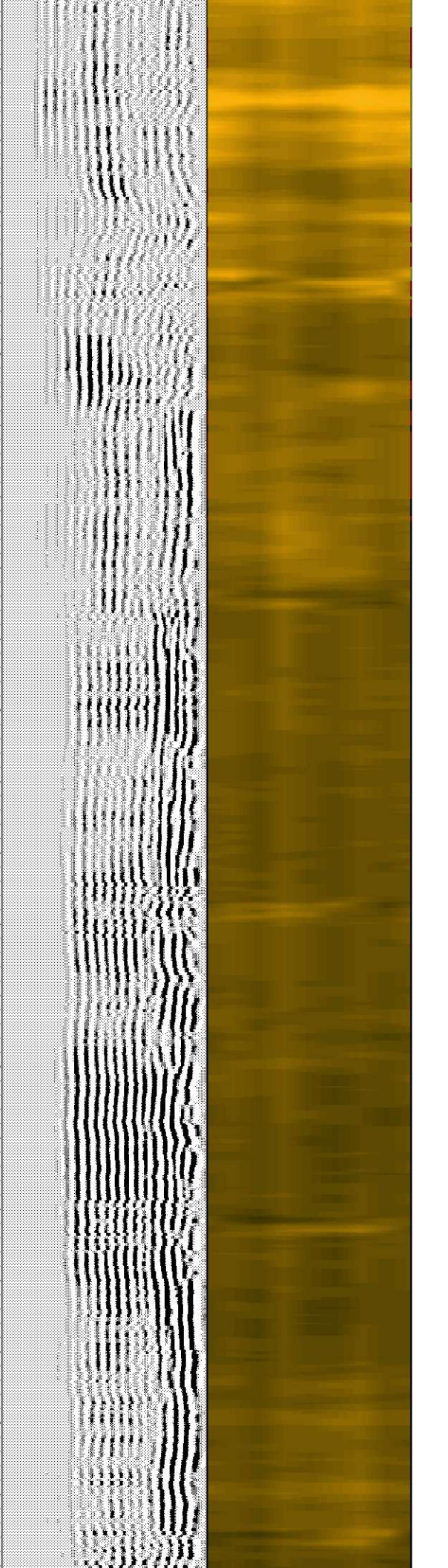
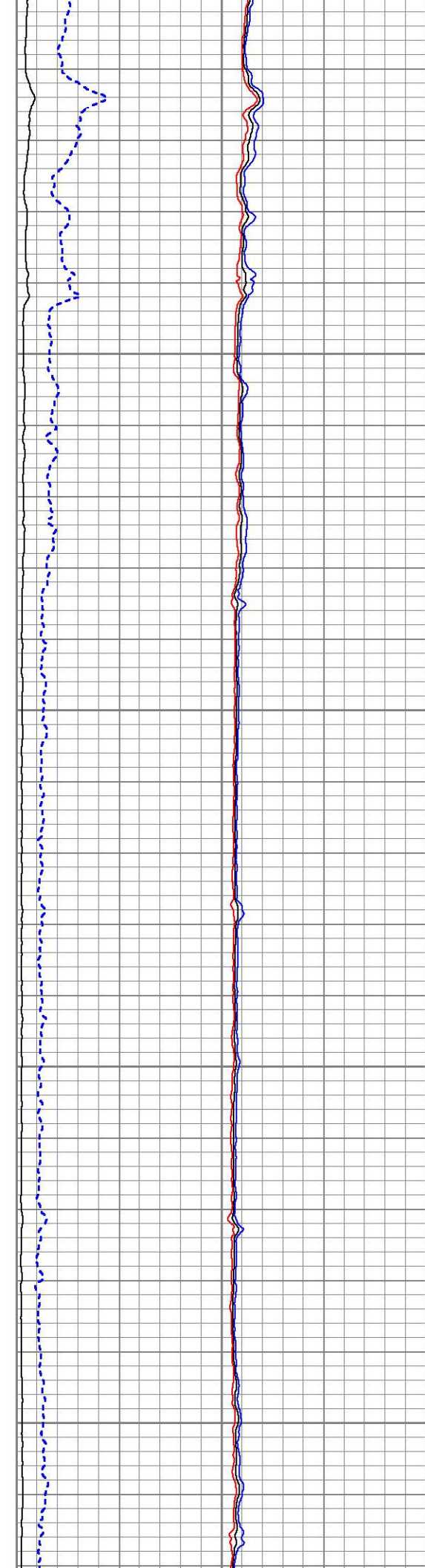
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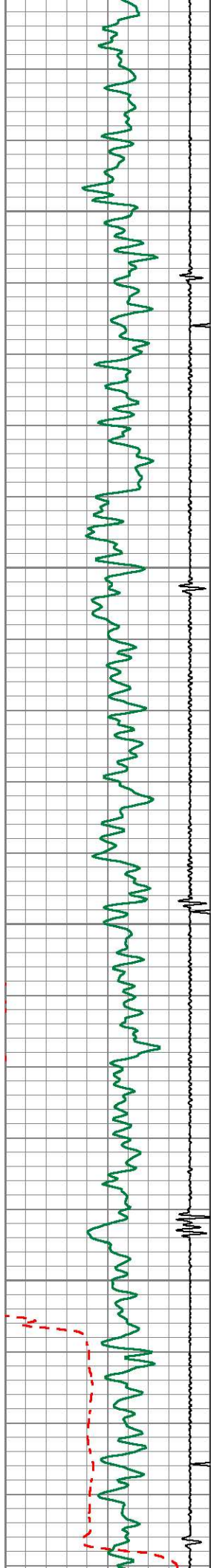




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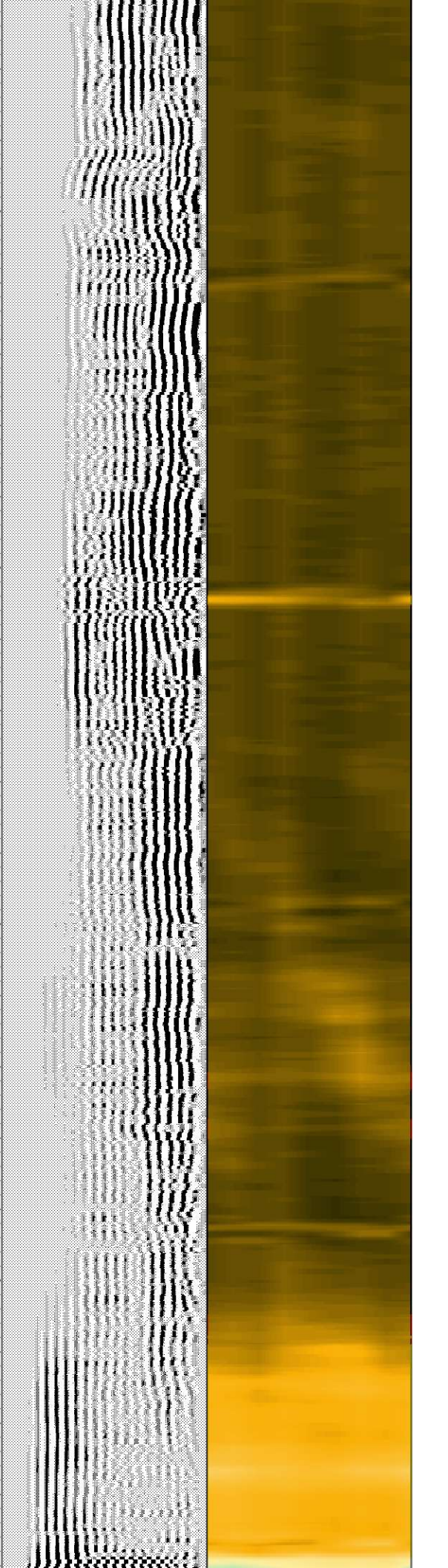
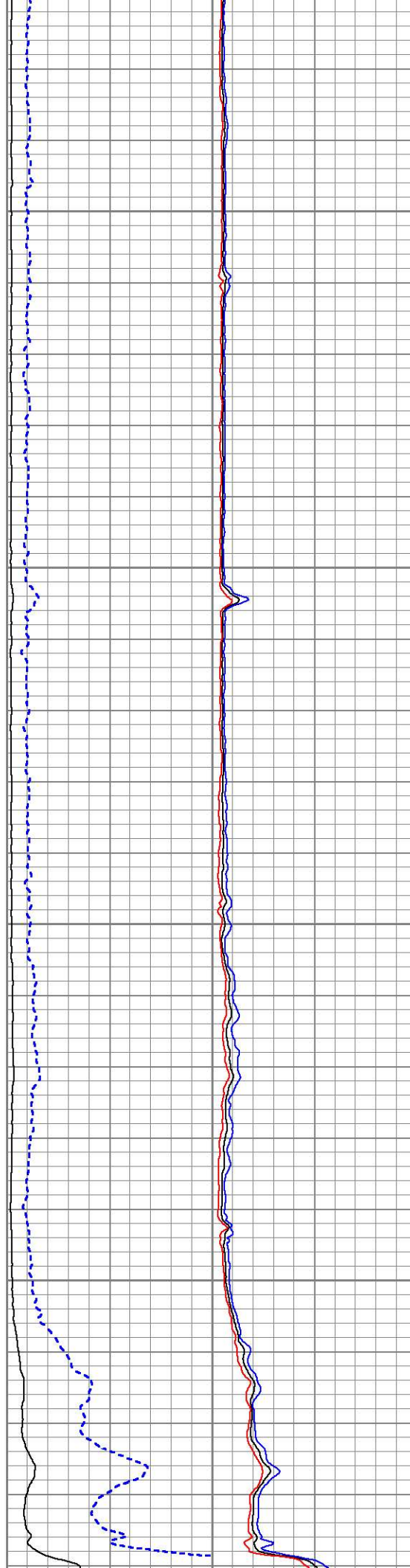
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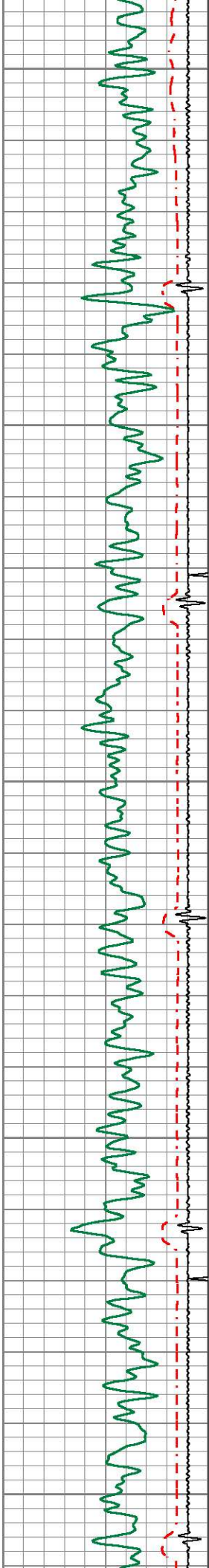




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5600

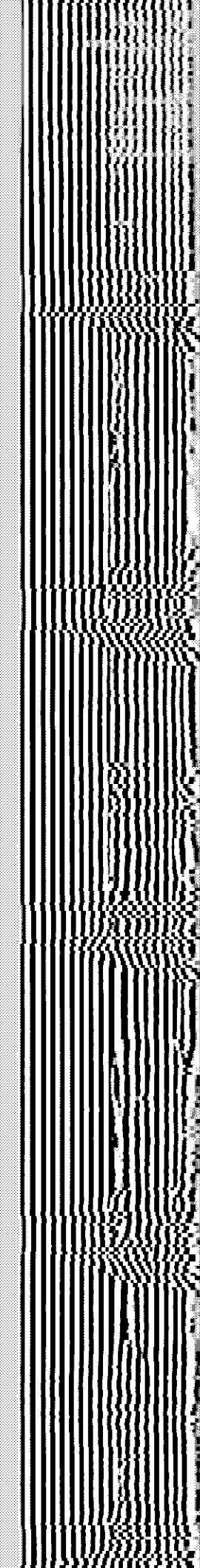
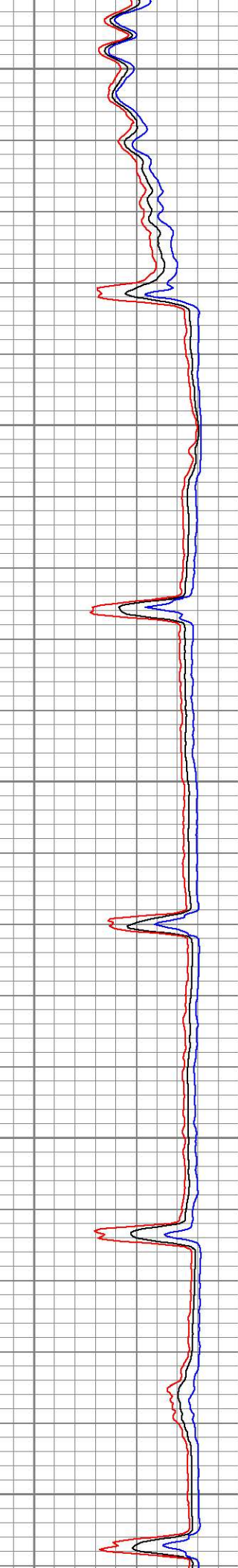
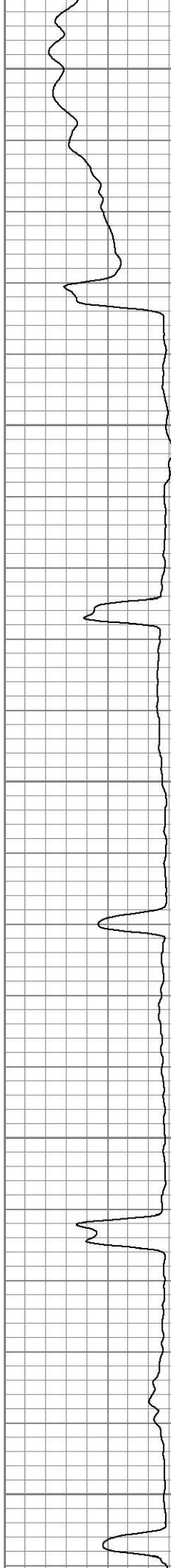


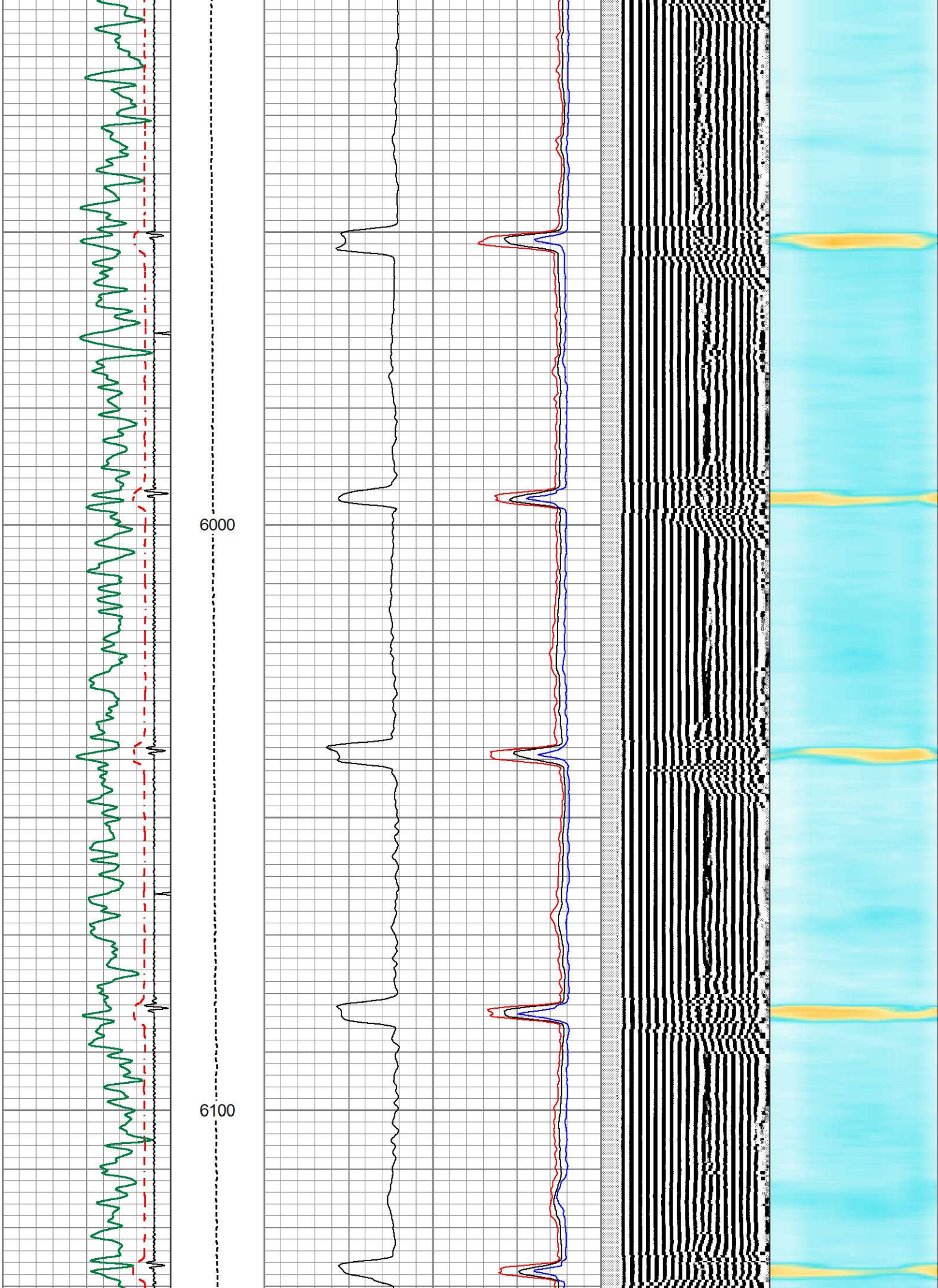


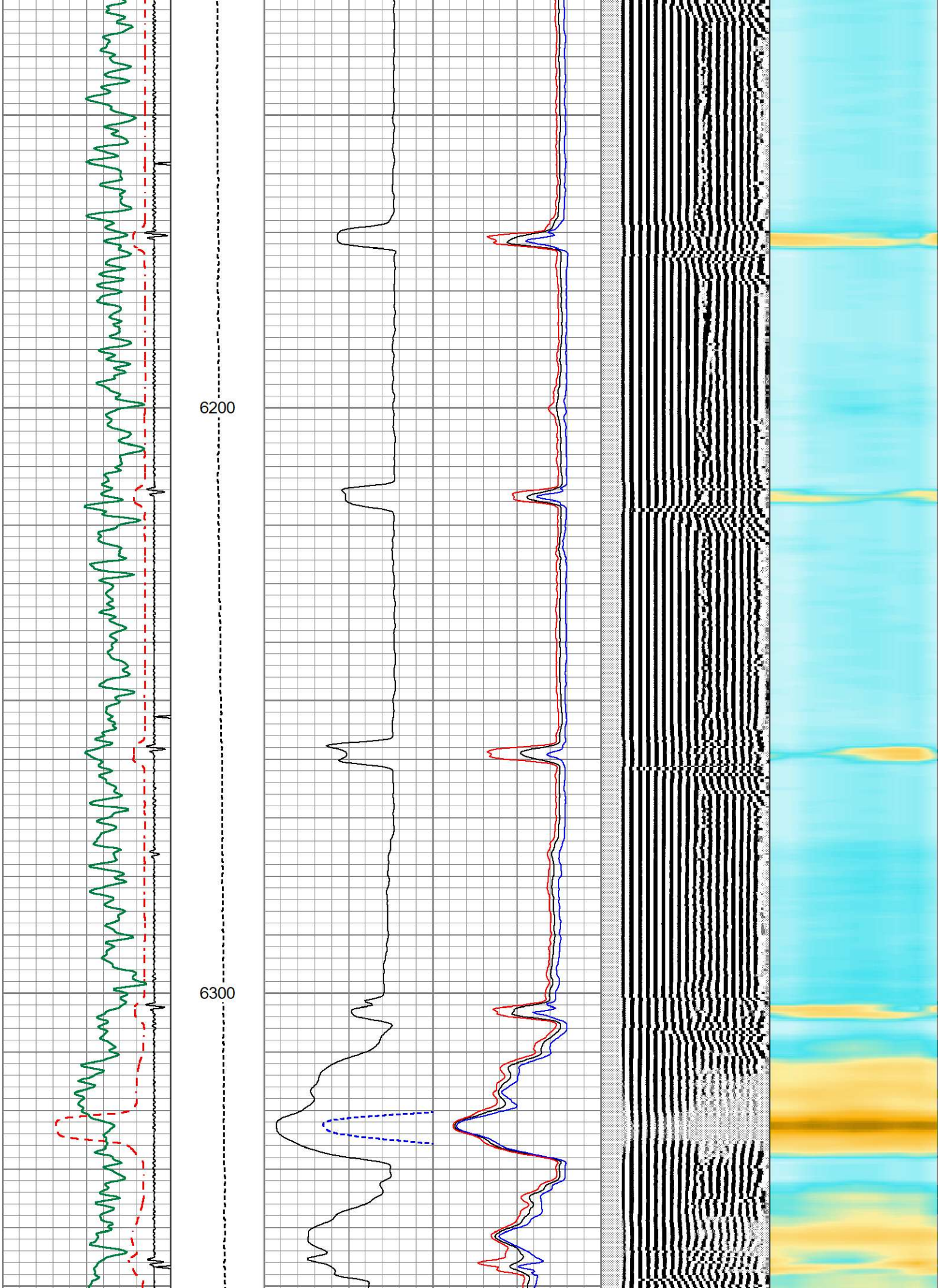
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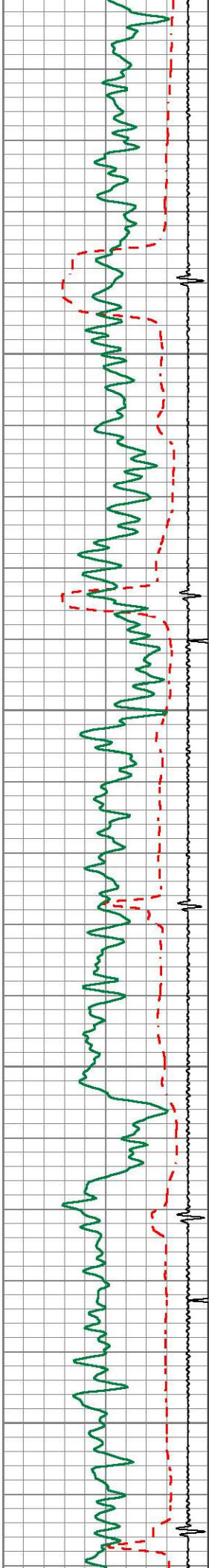
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5900



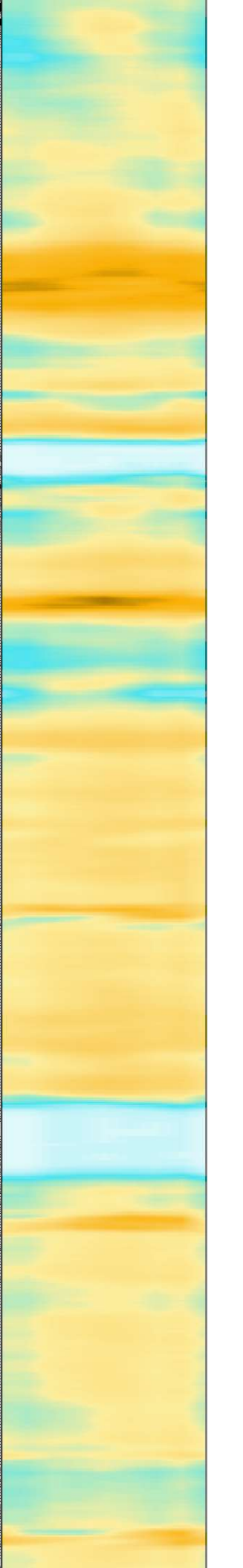
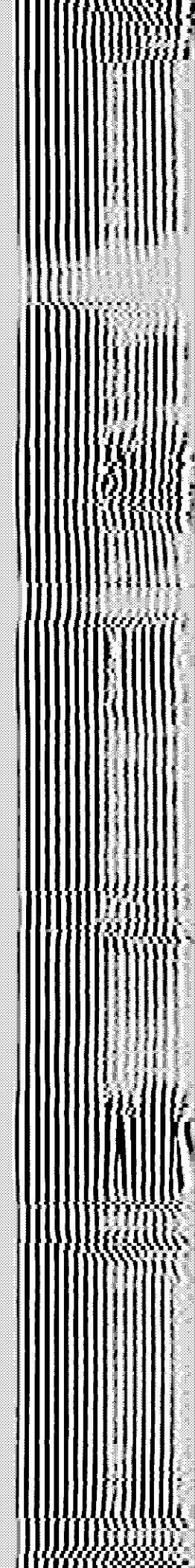
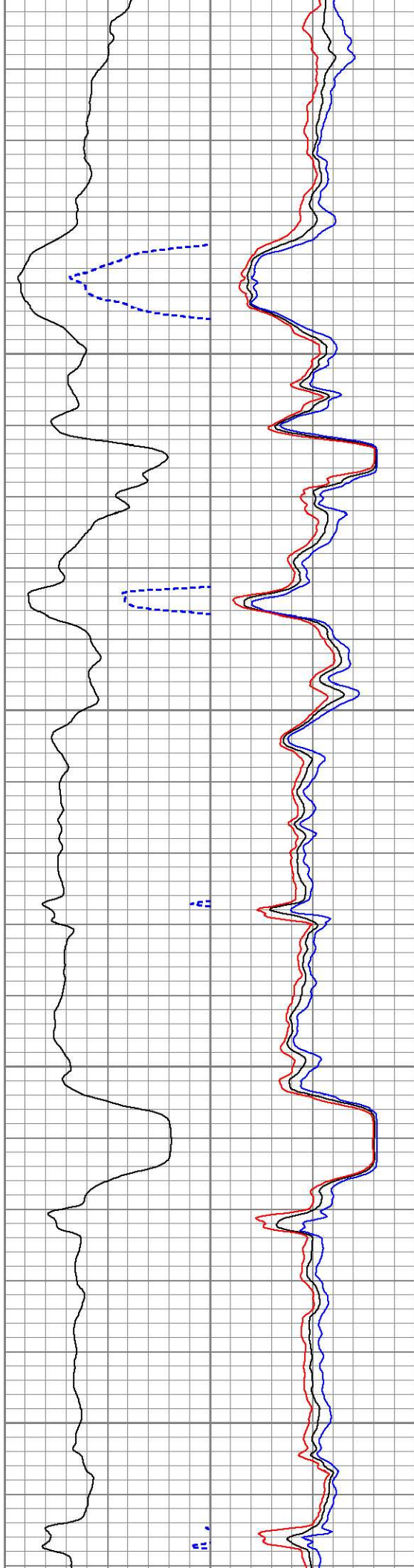


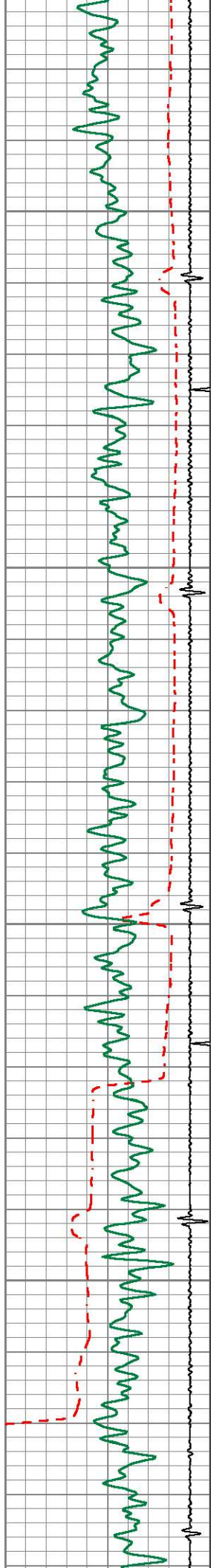




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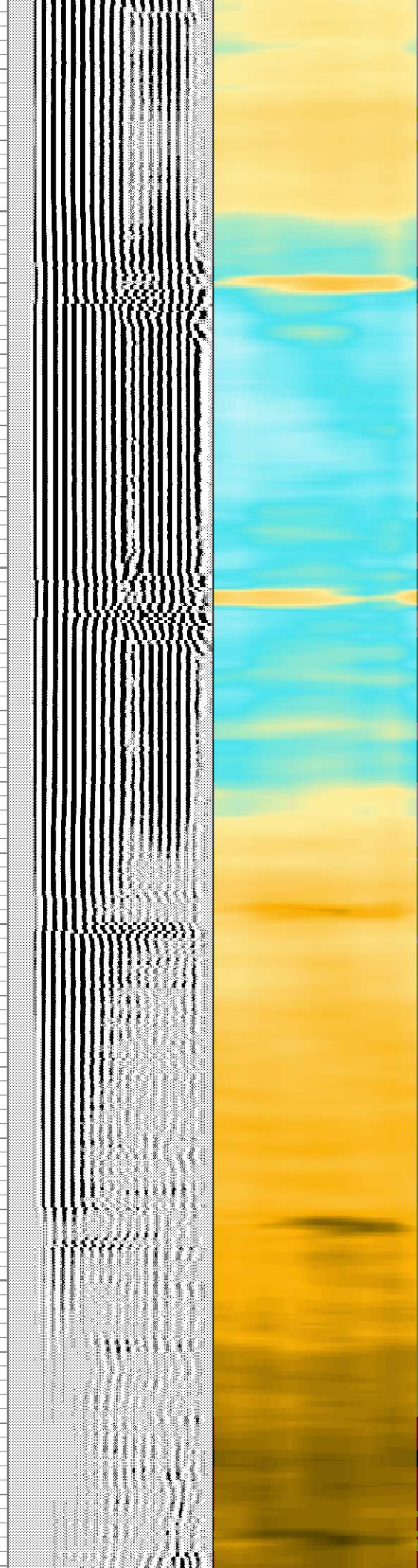
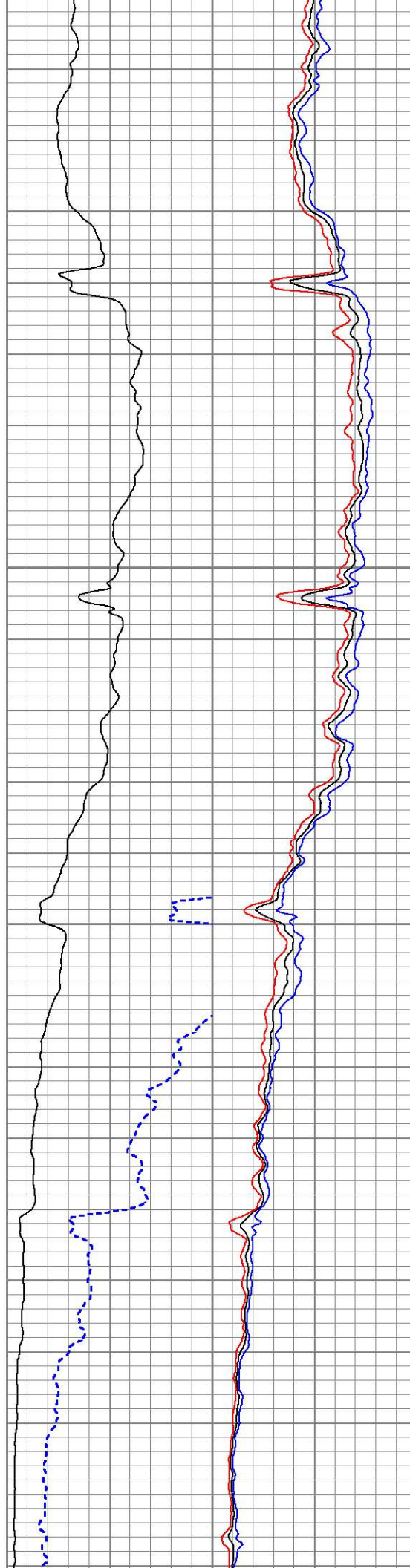
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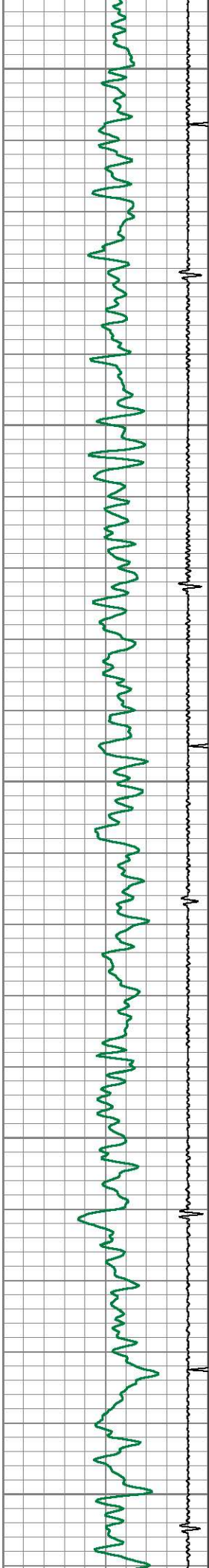




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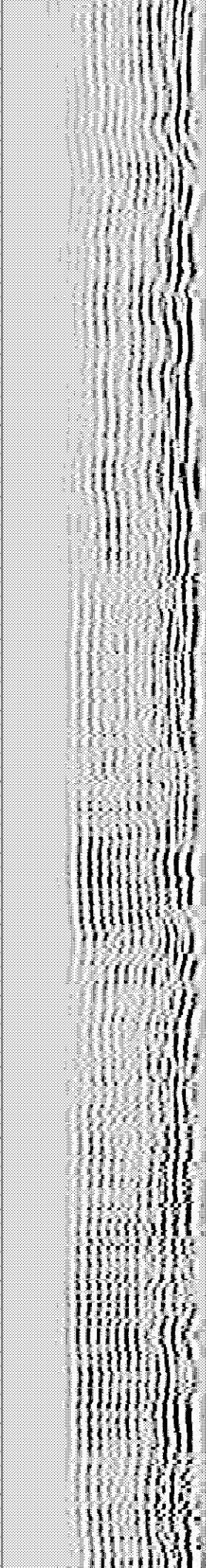
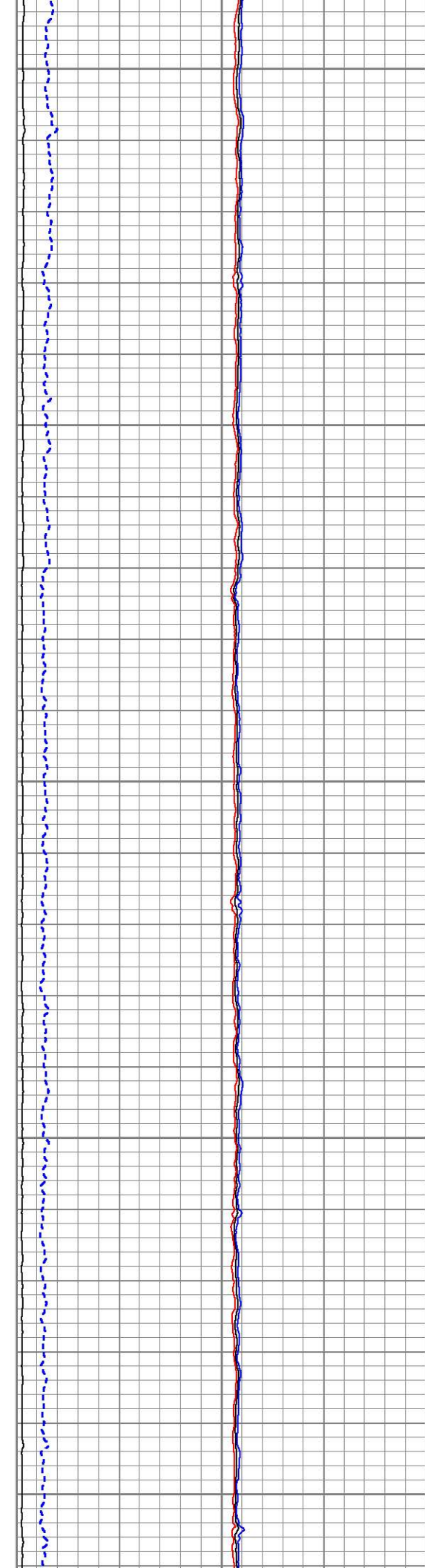


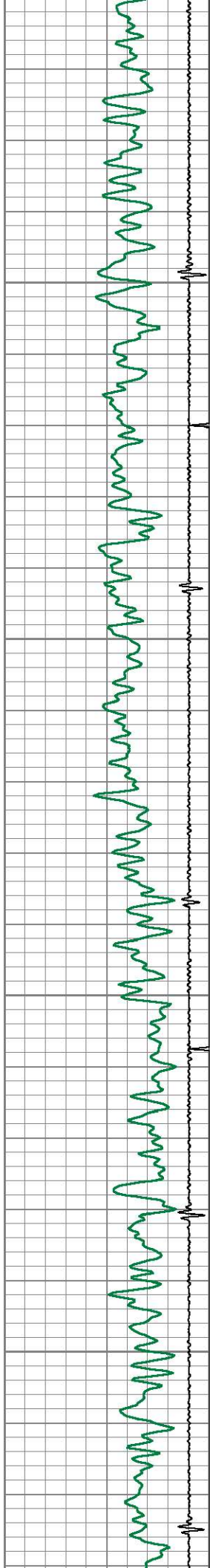


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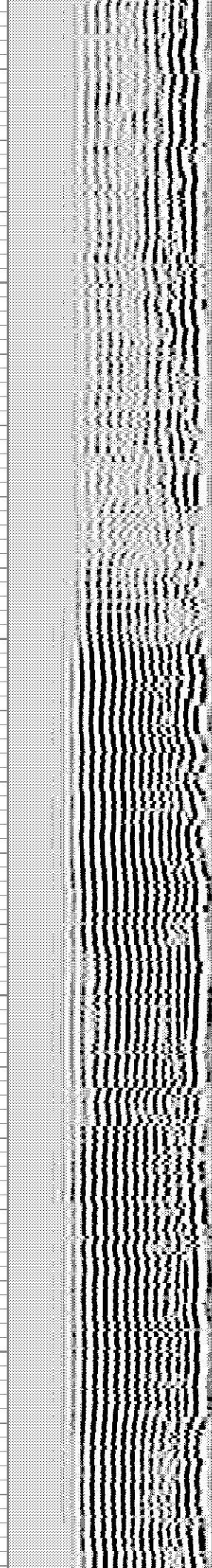
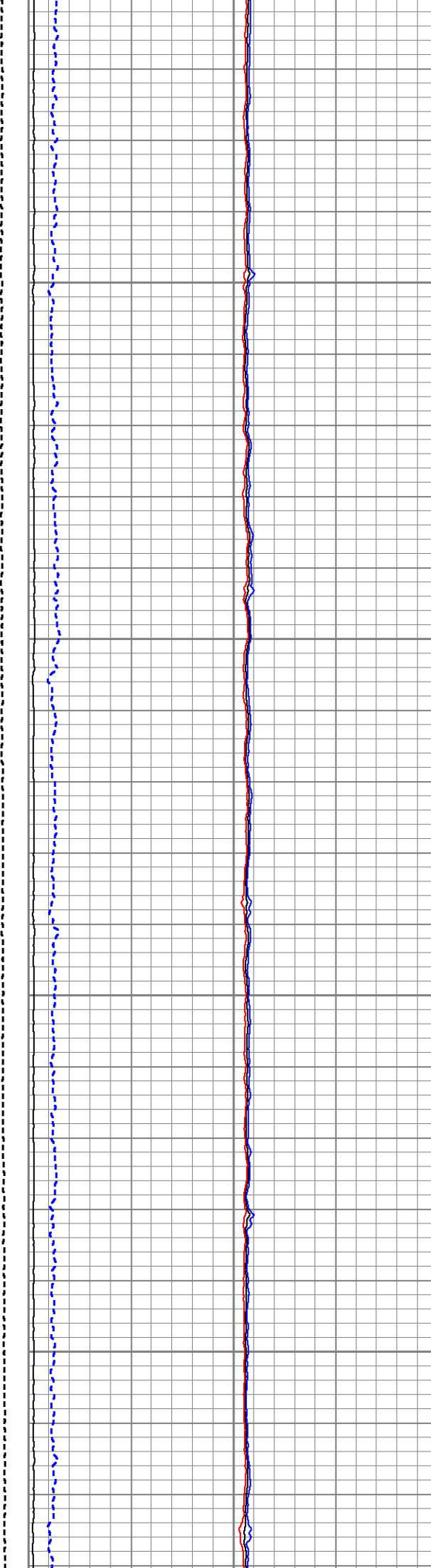
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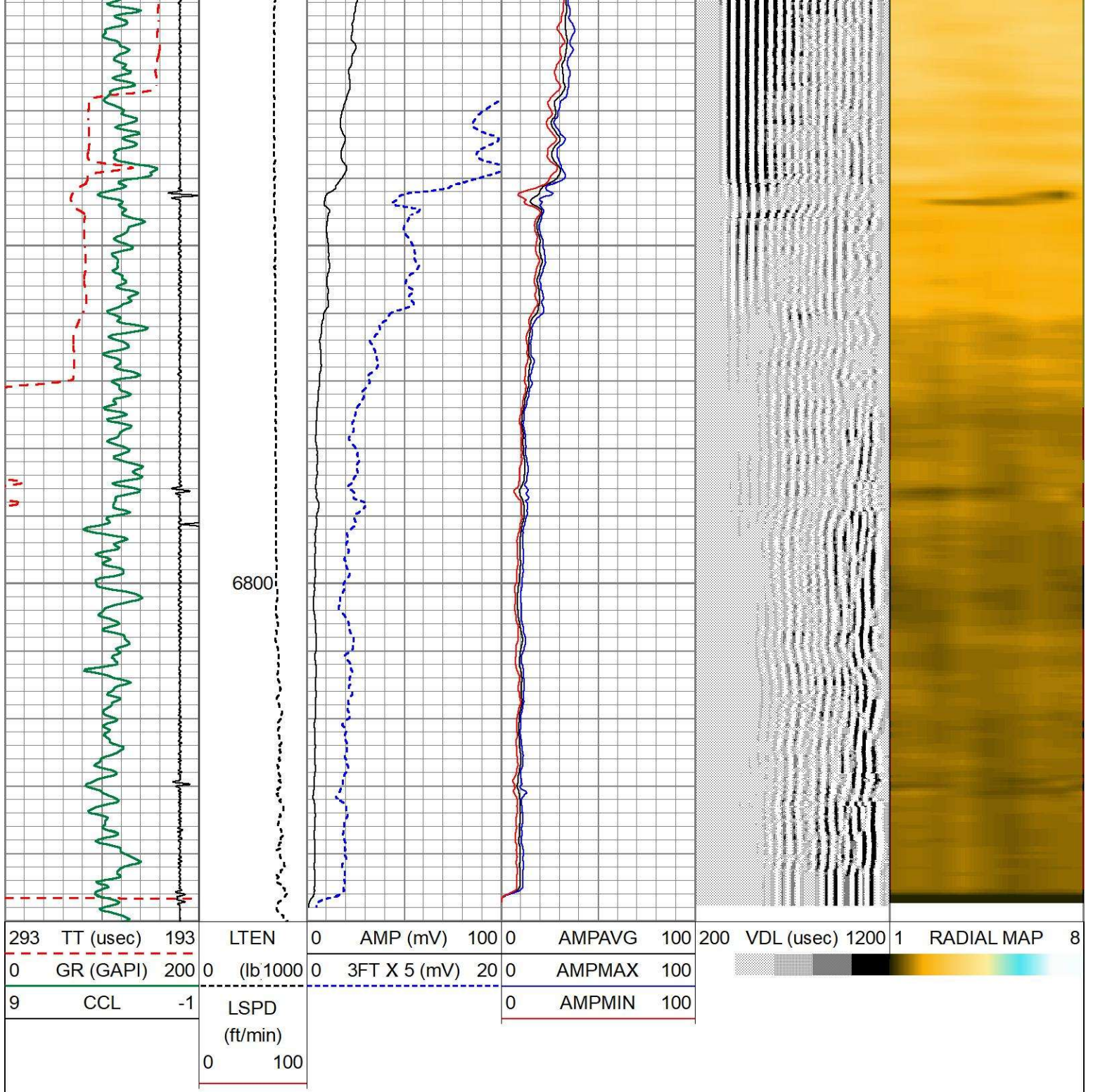




7100

7200





Calibration Report

Database File occidental_lee25-6x_0512333287_2022_04_20_sdbl.db
 Dataset Pathname pass5.1
 Dataset Creation Wed Apr 20 14:46:08 2022

Gamma Ray Calibration Report

Serial Number: 0111
 Tool Model: Tek-Co 2 3/4
 Performed: Thu Apr 18 09:37:49 2013

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: 275001
 Tool Model: 275 Temp JS

Calibration Casing Diameter: 4.500 in
 Calibration Depth: 3579.139 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	2.181	1.000	81.196	36.764	1.000
CAL	0.000	1.215				
5'	0.000	2.499	1.000	81.196	32.090	1.000
SUM						
S1	0.000	2.500	0.000	81.196	32.479	-0.001
S2	0.000	2.500	0.000	81.196	32.479	-0.001
S3	0.000	2.497	0.000	81.196	32.519	-0.001
S4	0.000	2.423	0.000	81.196	33.506	-0.001
S5	0.000	2.327	0.000	81.196	34.888	-0.001
S6	0.000	2.388	0.000	81.196	33.998	-0.001
S7	0.000	2.480	0.000	81.196	32.739	-0.001
S8	0.000	2.396	0.000	81.196	33.884	-0.000

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.000	1.215	1.000	0.000

Air Zero Calibration, performed (Not Performed):

	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: 275001
 Tool Model: 275 Temp JS
 Performed: Wed Dec 21 10:28:52 2016

	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	OCCIDENTAL PETROLEUM CORP		
Well	LEE 25-6X		
Field	WATTENBURG		
County	WELD		
State	CO	Country	USA