

Company		CHEVRON	
Well		VOLKENS 31-22	
Field		WATTENBERG	
County		WELD	
State		CO	
Location:		API # : 05-123-11031	
SEC 22 TWP 4 RGE 64		Other Services	
Permanent Datum KB		Elevation 4,655'	
Log Measured From KB		K.B. 4,663'	
Drilling Measured From KB		D.F. 4,662'	
		G.L. 4,655'	
Date		2-23-24	
Run Number		ONE	
Depth Driller		6,897'	
Depth Logger		6,440'	
Bottom Logged Interval		6,440'	
Top Log Interval		SURFACE	
Open Hole Size		13.75"	
Type Fluid		WATER	
Density / Viscosity		N/A	
Max. Recorded Temp.		N/A	
Estimated Cement Top		N/A	
Time Well Ready		7:30	
Time Logger on Bottom		8:35	
Equipment Number		473	
Location		RIG 12	
Recorded By		ZION DIONNE	
Witnessed By		BRANDON TRACY	
Run Number		Borehole Record	
Bit		From	
To		Size	
Weight		From	
To		Tubing Record	
Casing Record		Size	
Surface String		9 5/8"	
Prot. String		Wgt/Ft	
Production String		36#	
Liner		Top	
		Bottom	
		SURFACE	
		SURFACE	
		6,897'	

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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

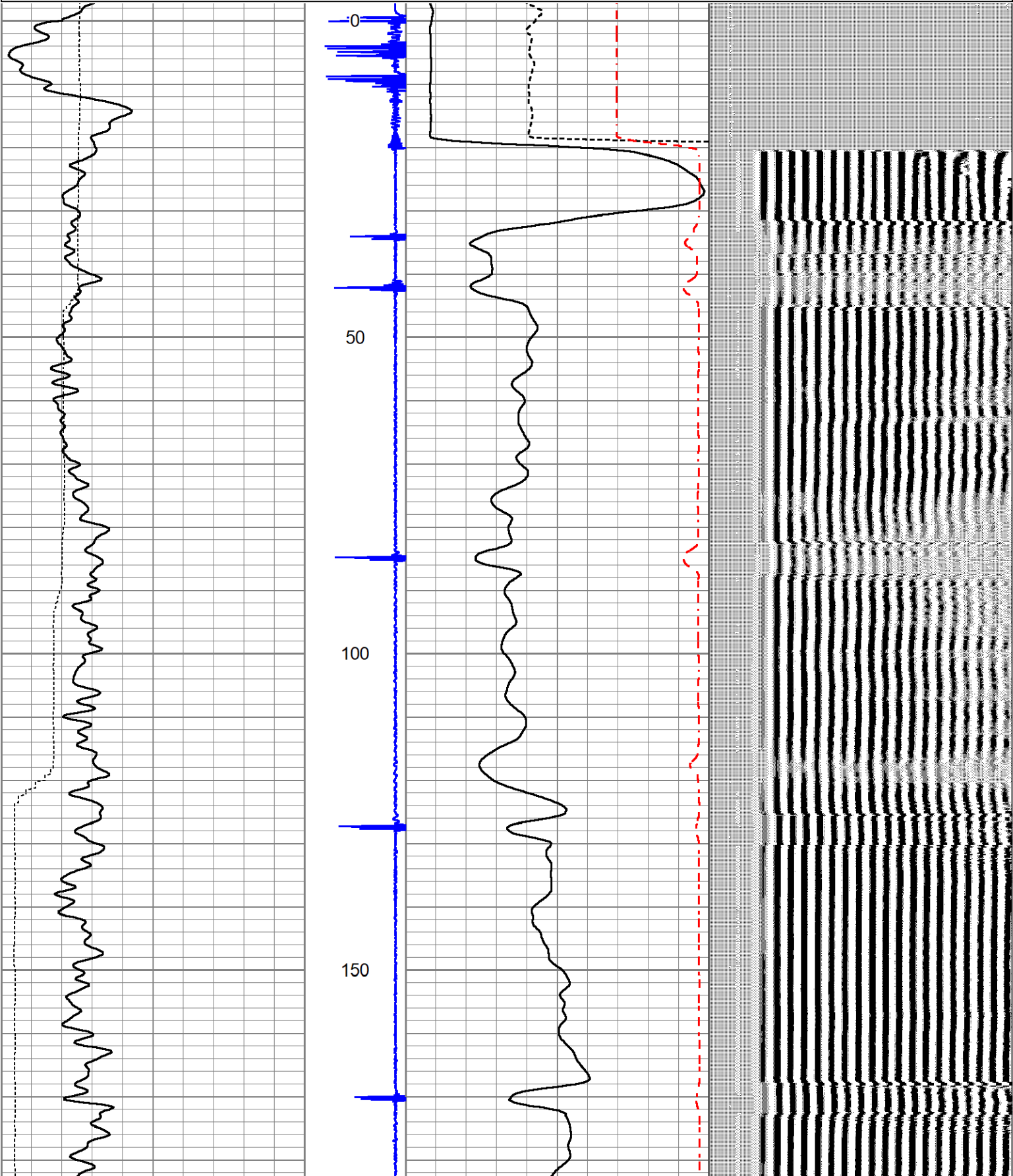
LOG RAN PER CUSTOMER REQUEST
DEPTH REFERENCED TO KB
ZERO PRESSURE APPLIED

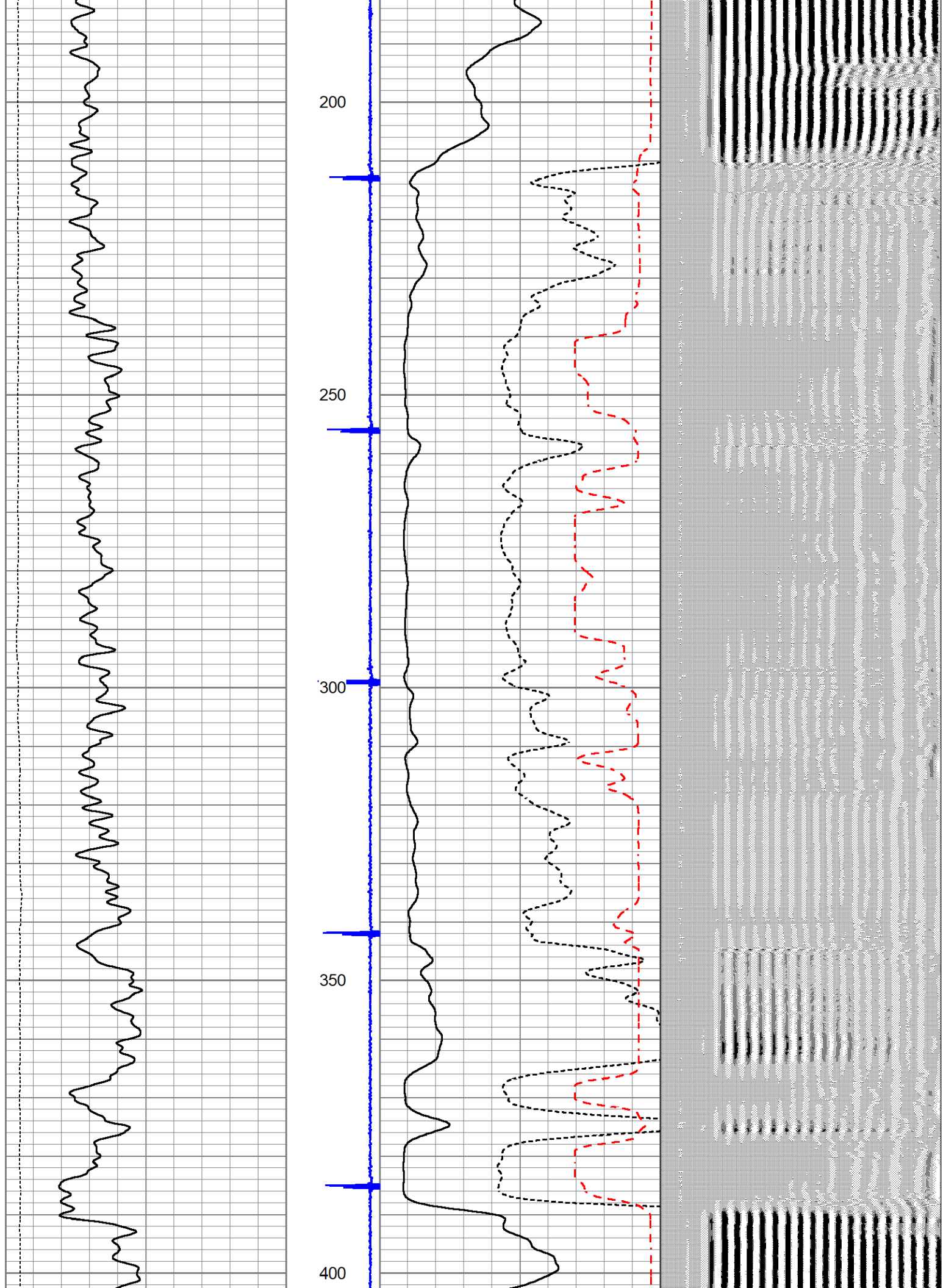
MAIN PASS 6,440' TO SURFACE
SUSPECT MUD BEHIND CASING FROM 3.280'-950'

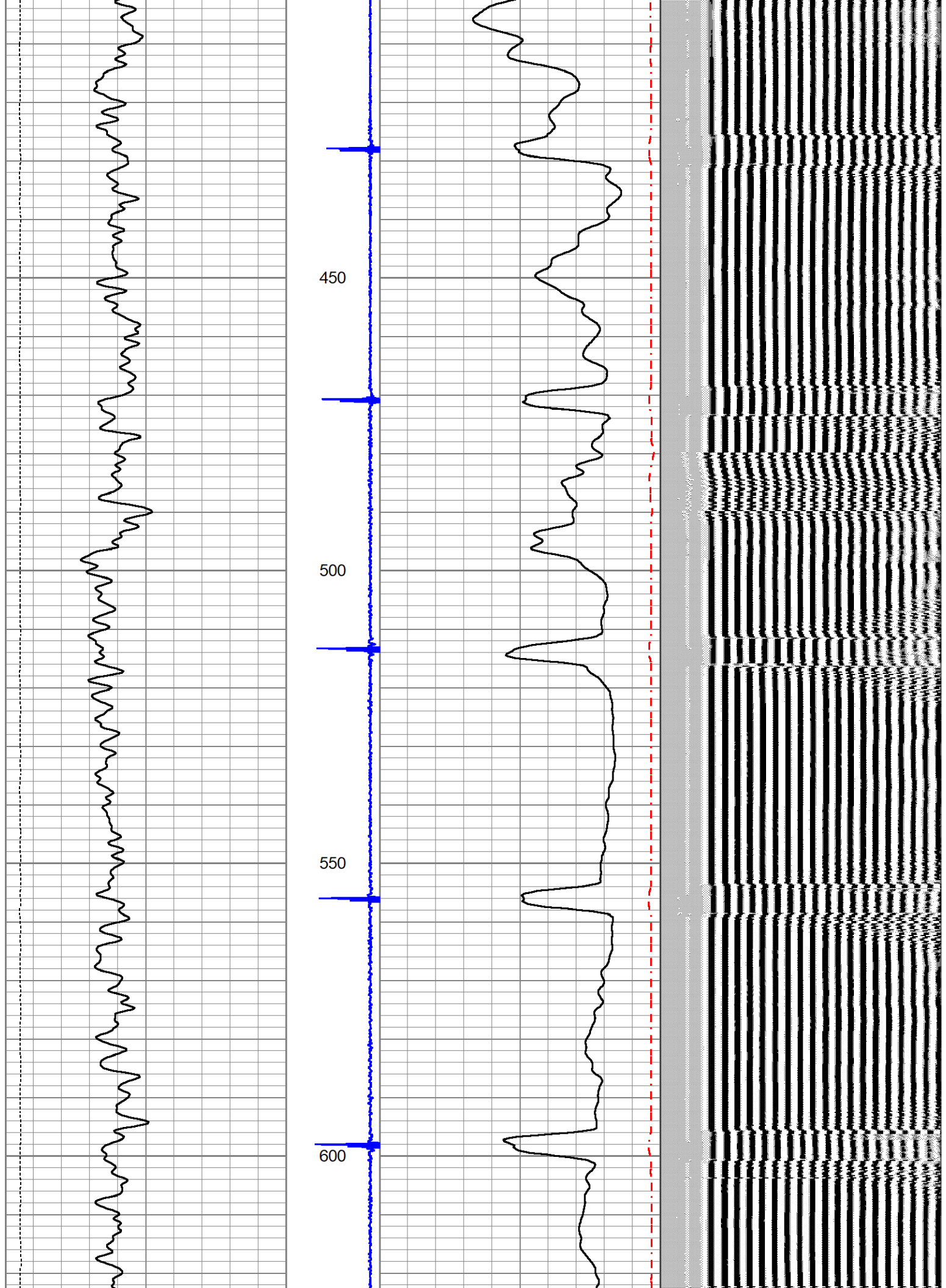
THANK YOU FOR USING A-PLUS P&A LLC

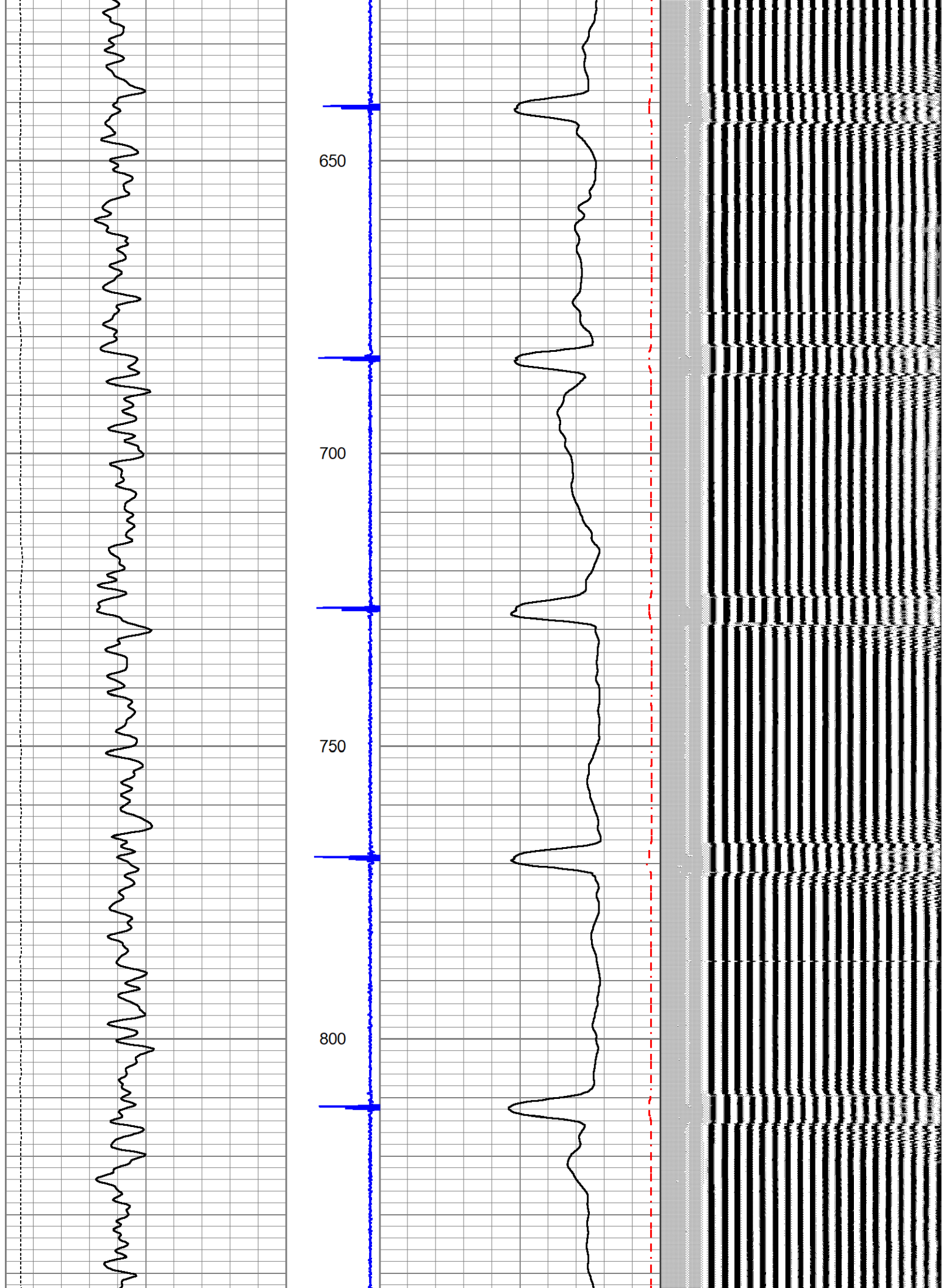
Database File	2-23-24.db
Dataset Pathname	pass5
Presentation Format	zioncbl
Dataset Creation	Fri Feb 23 08:41:04 2024
Charted by	Depth in Feet scaled 1:240

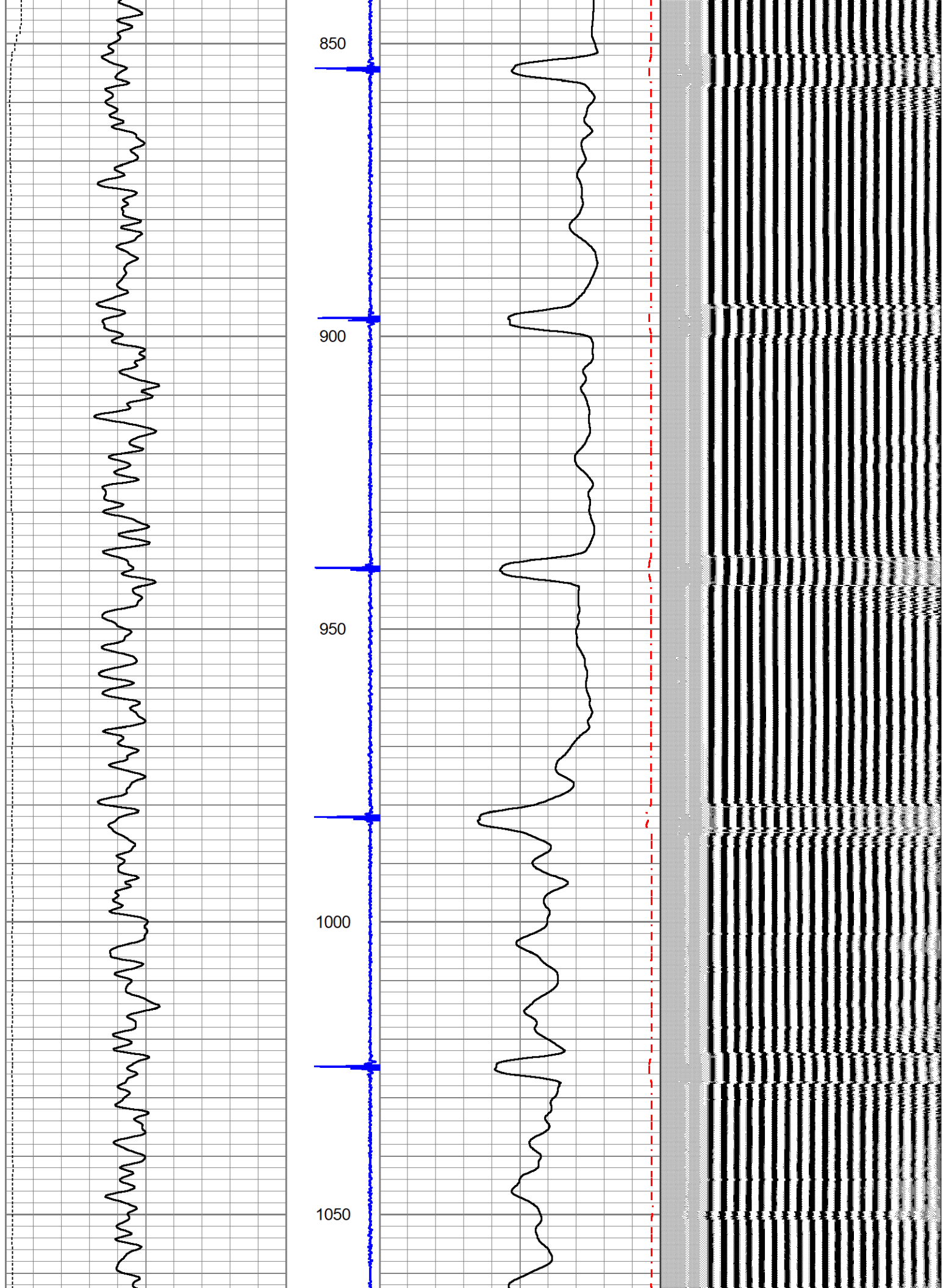
0	Gamma Ray (GAPI)	250	Collar Location	0	Amplified Amplitude (mV)	20	200	VDL (usec)	1200
-100	Line Speed (ft/min)	100	-9	1	0	Amplitude (mV)	100		
					1200	TT3FT (usec)	200		

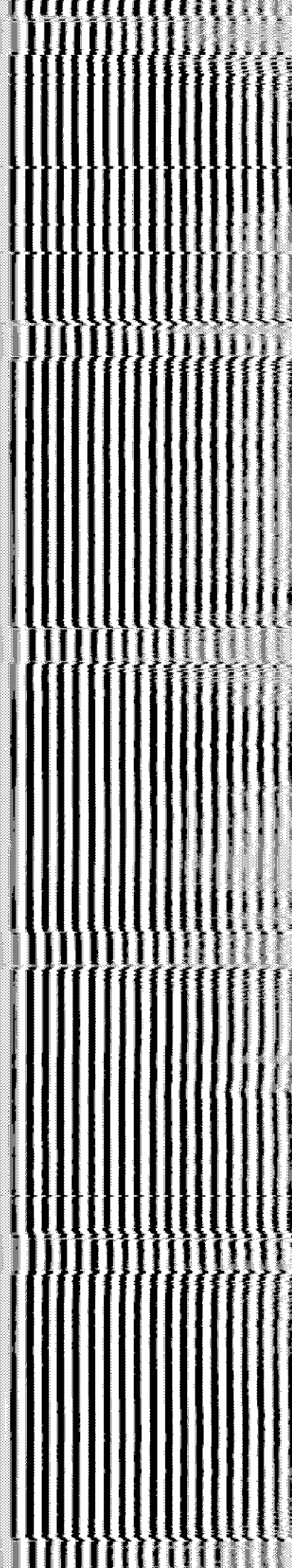
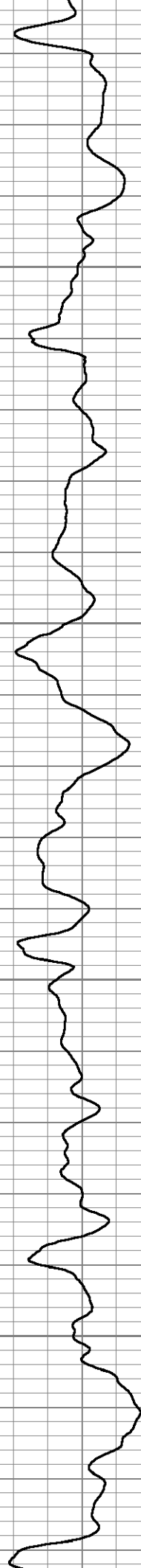














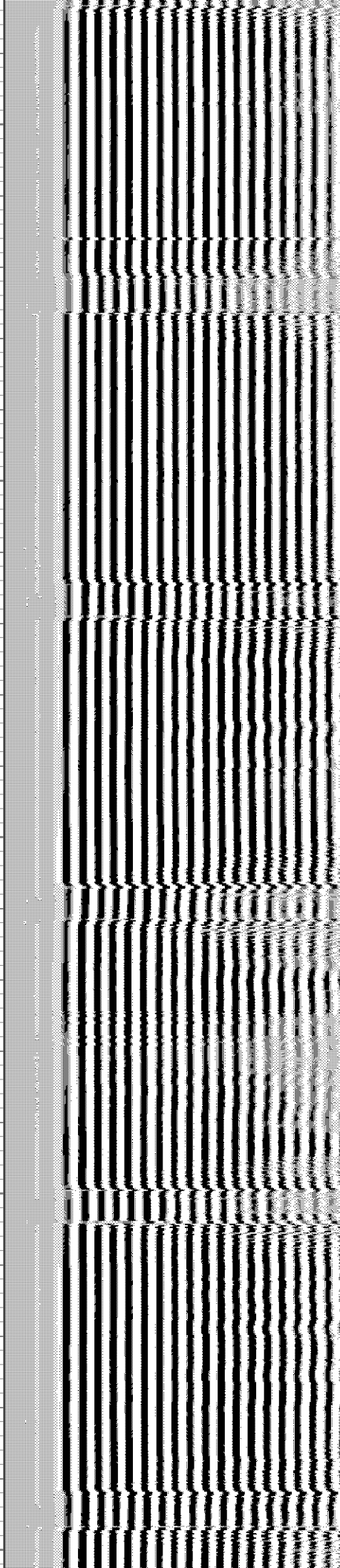
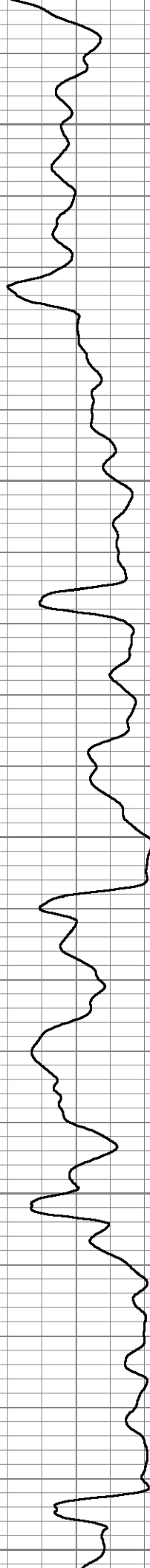
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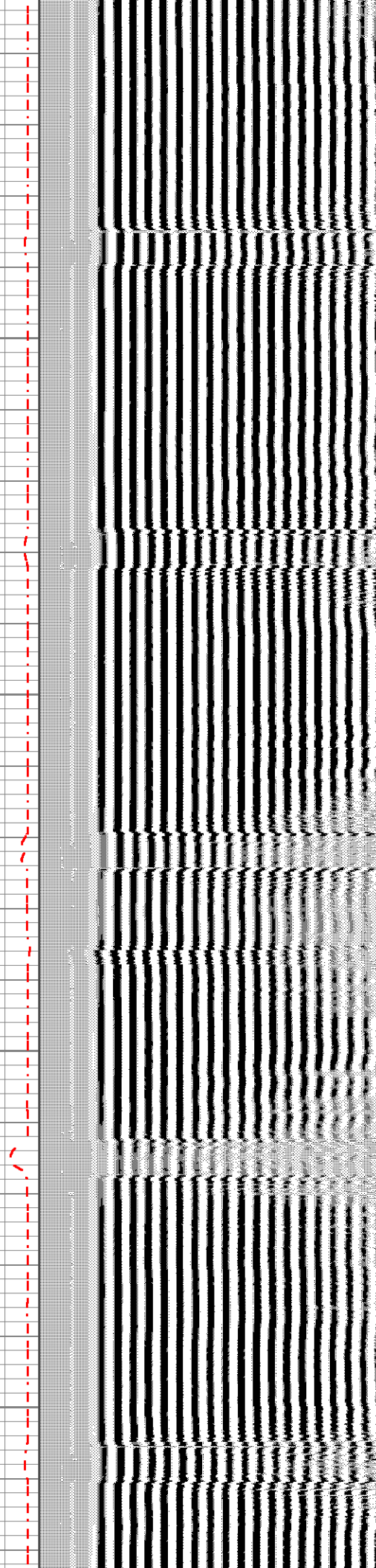
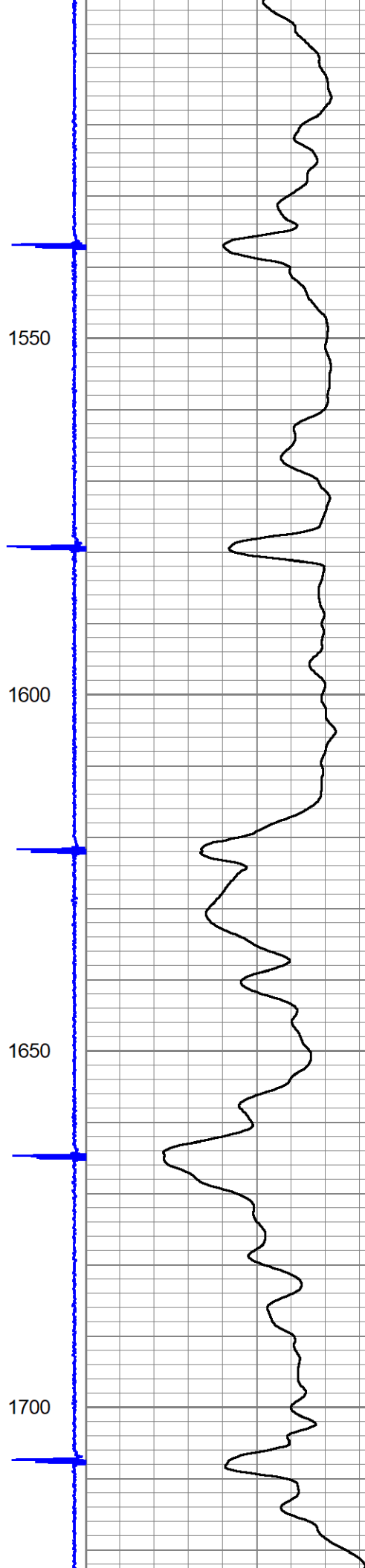
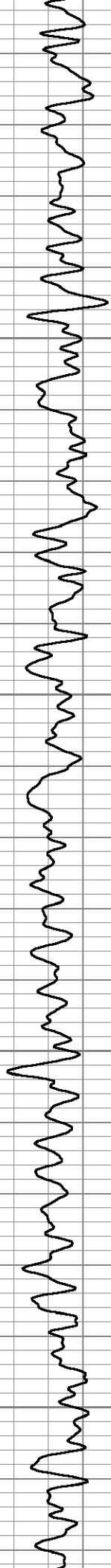
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1400

1450

1500





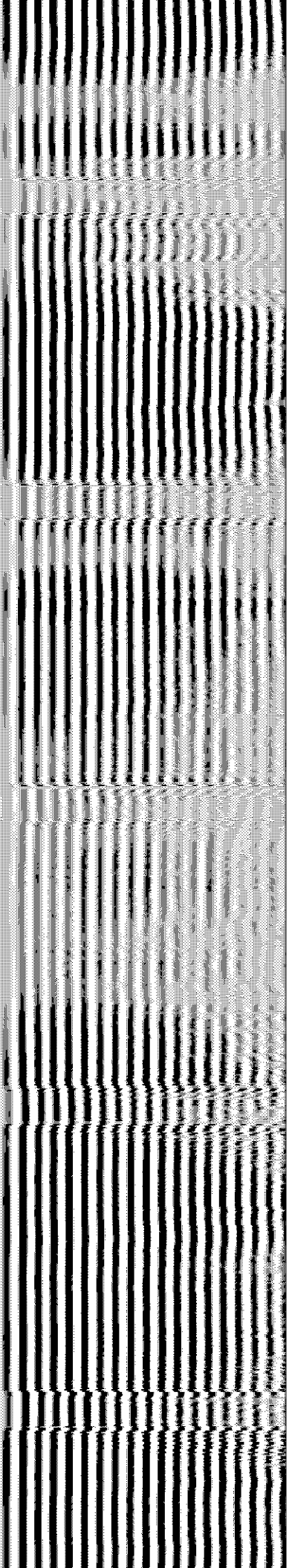
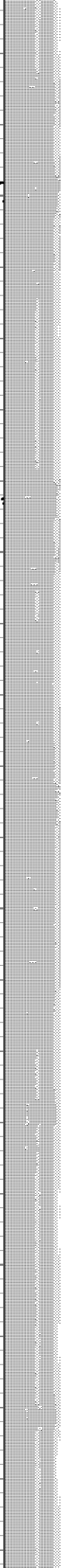


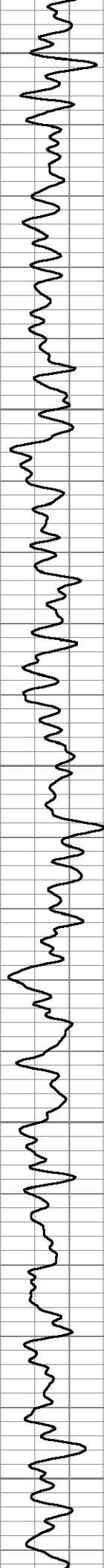
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1800

1850

1900





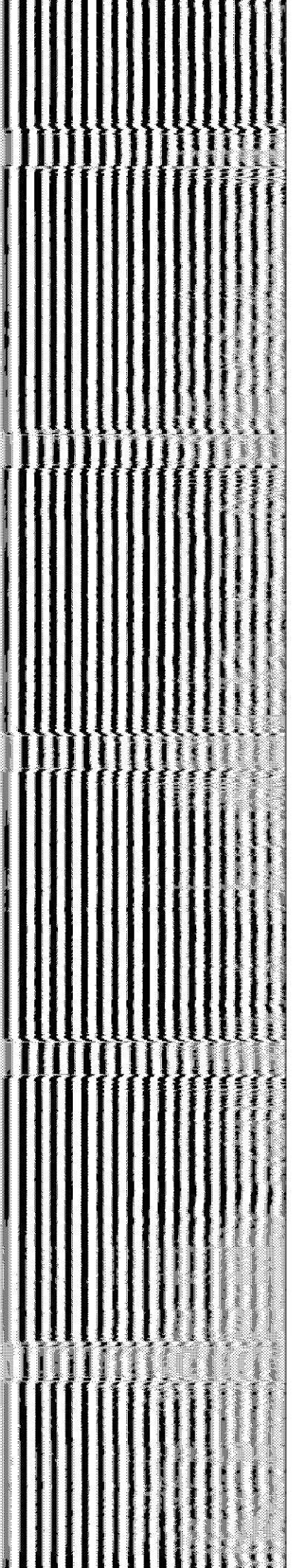
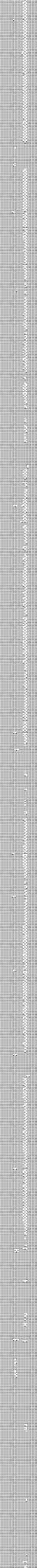
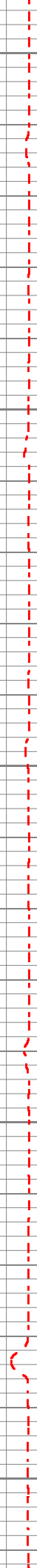
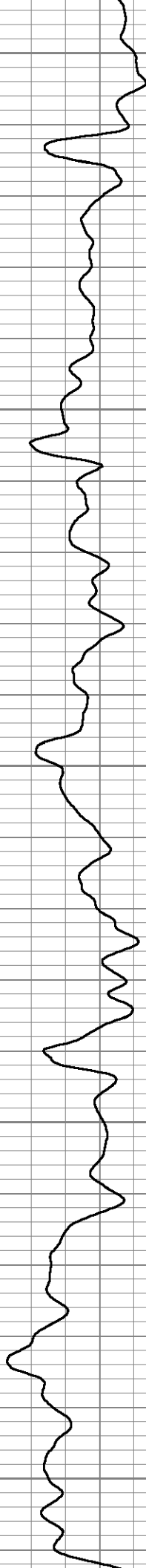
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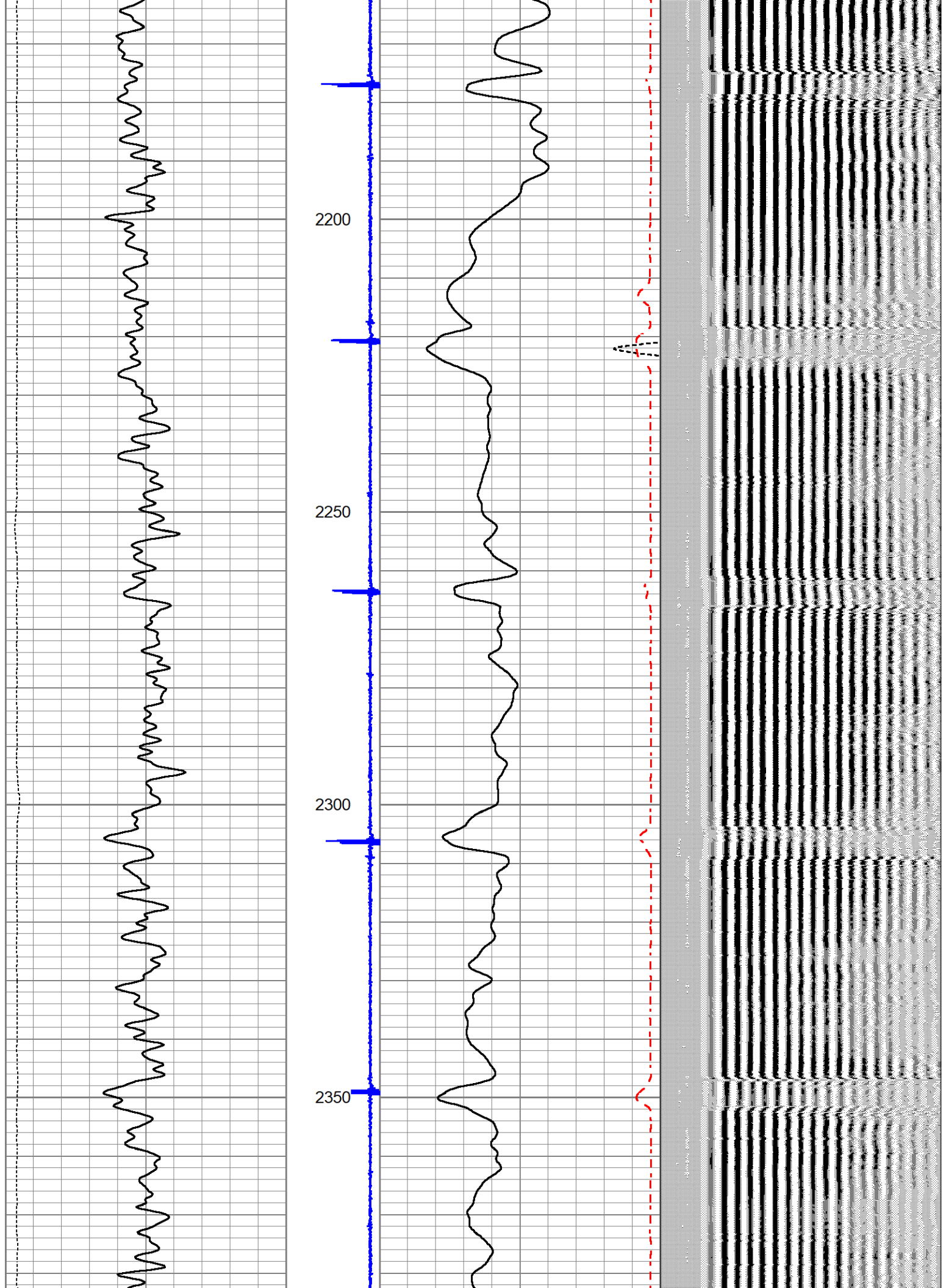
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2100

2150







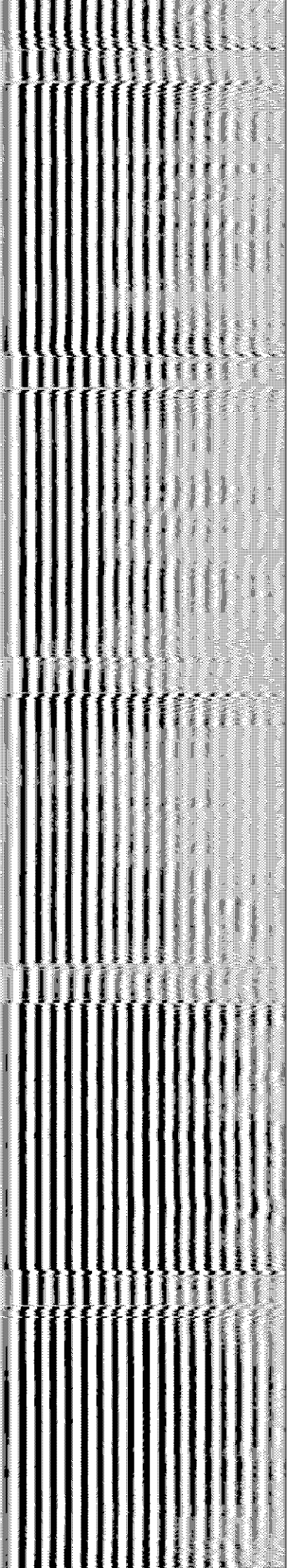
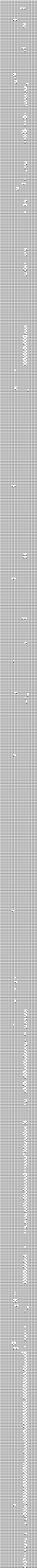
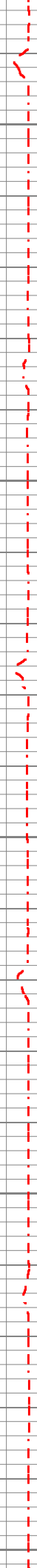
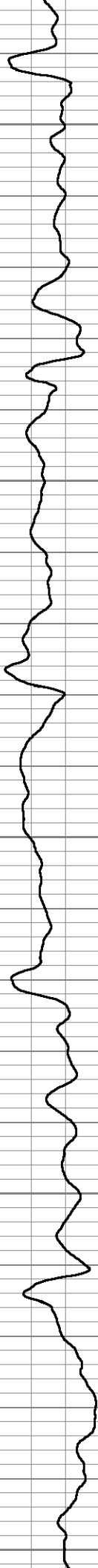
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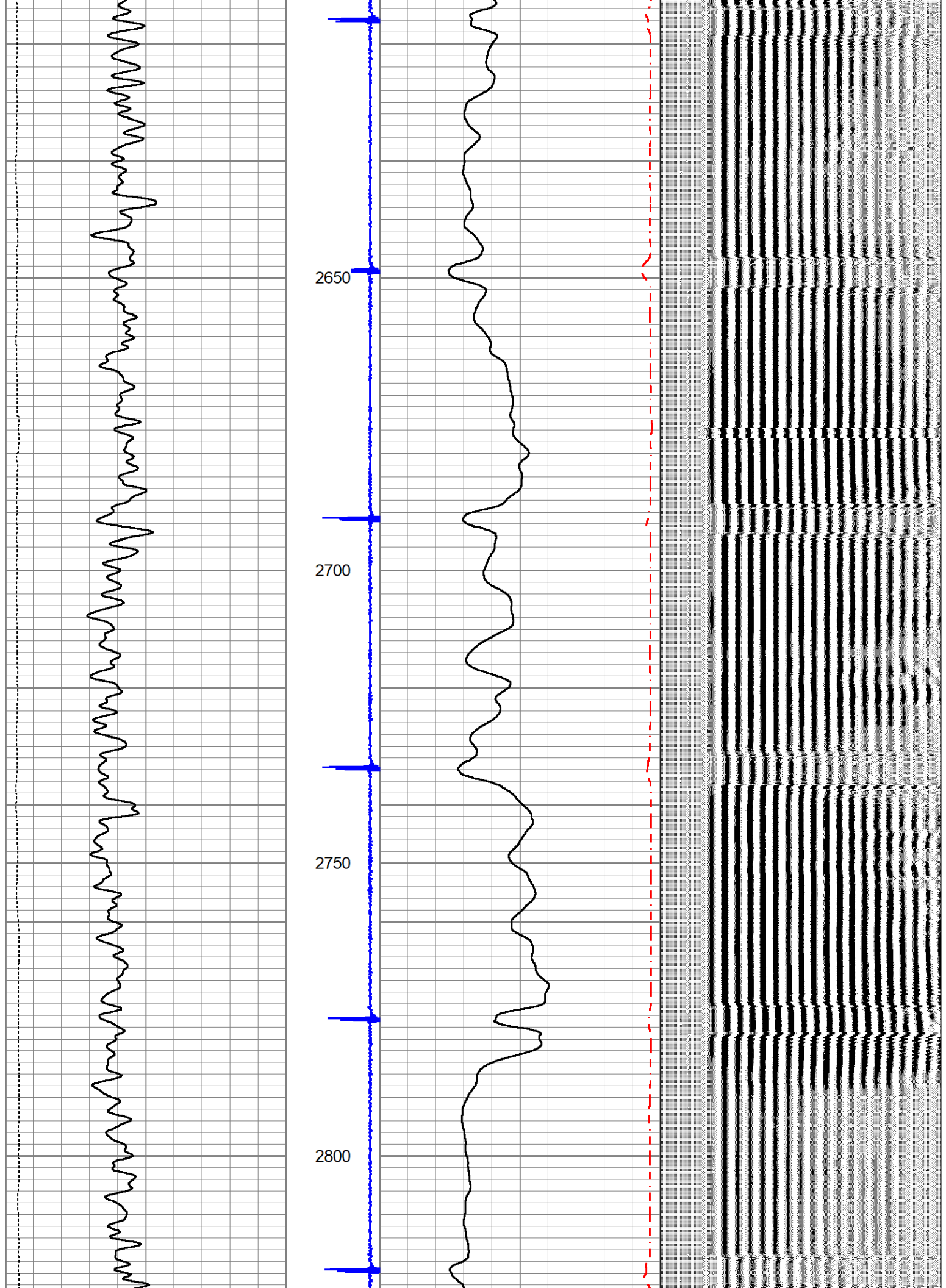
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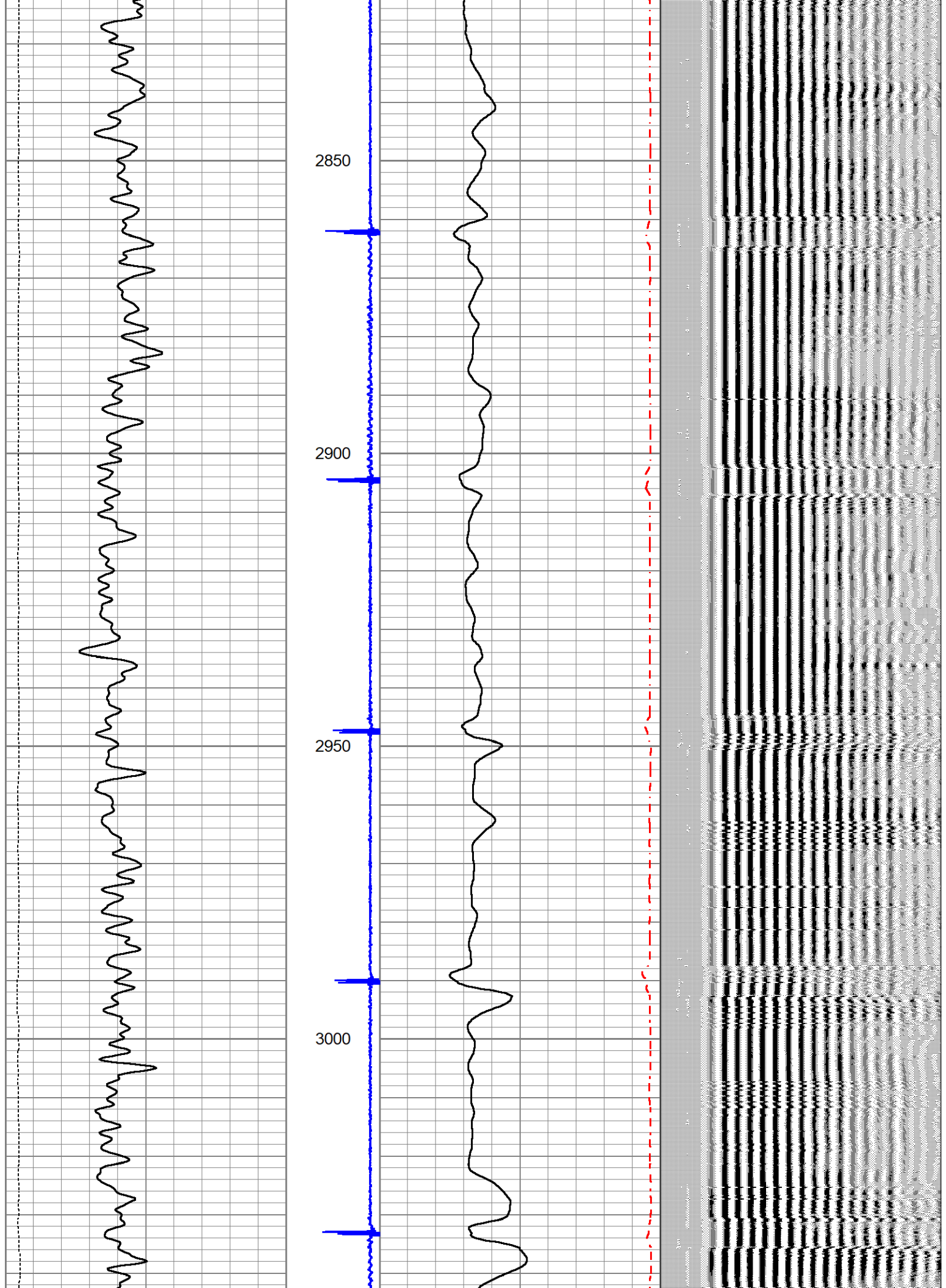
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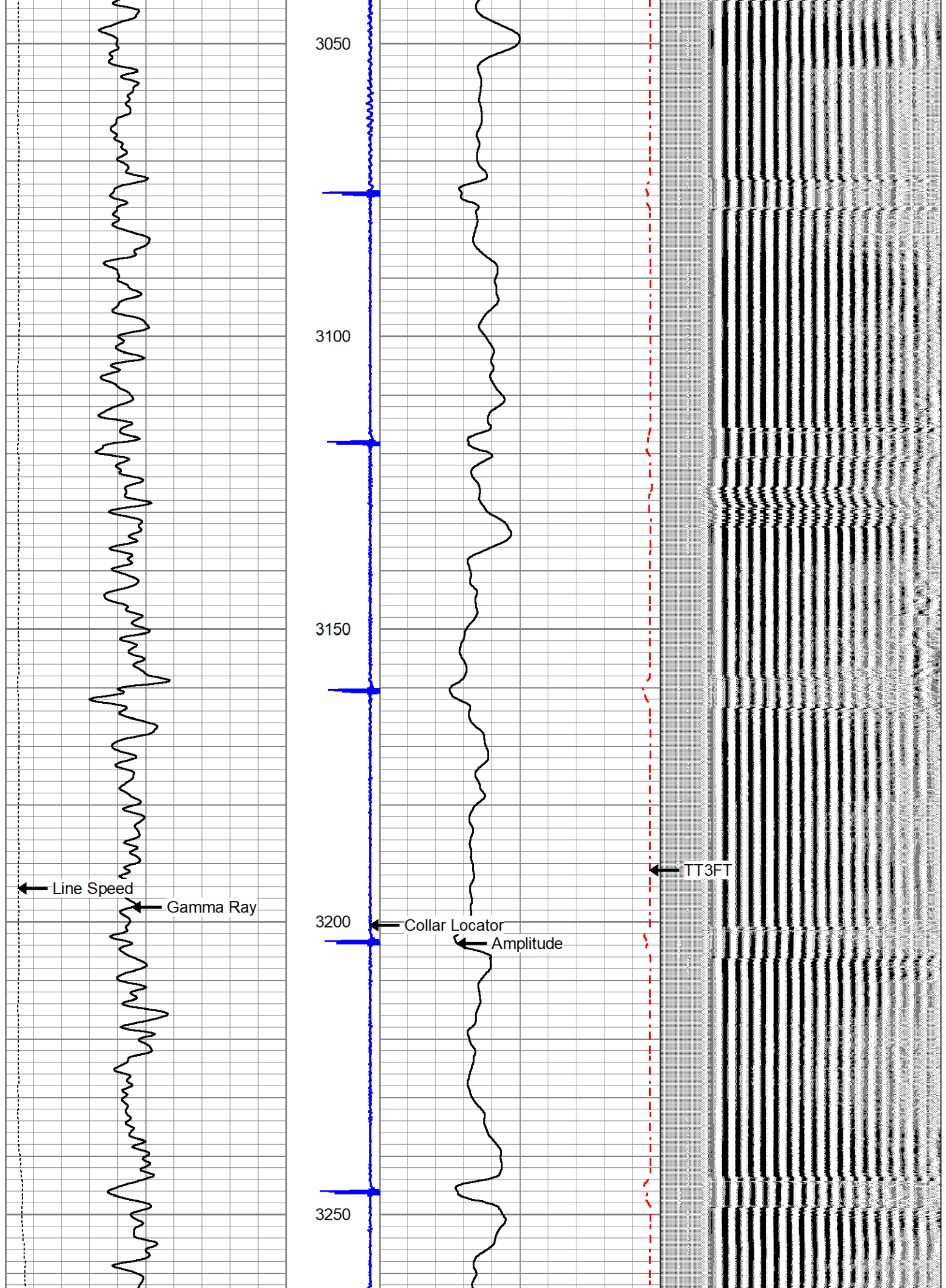
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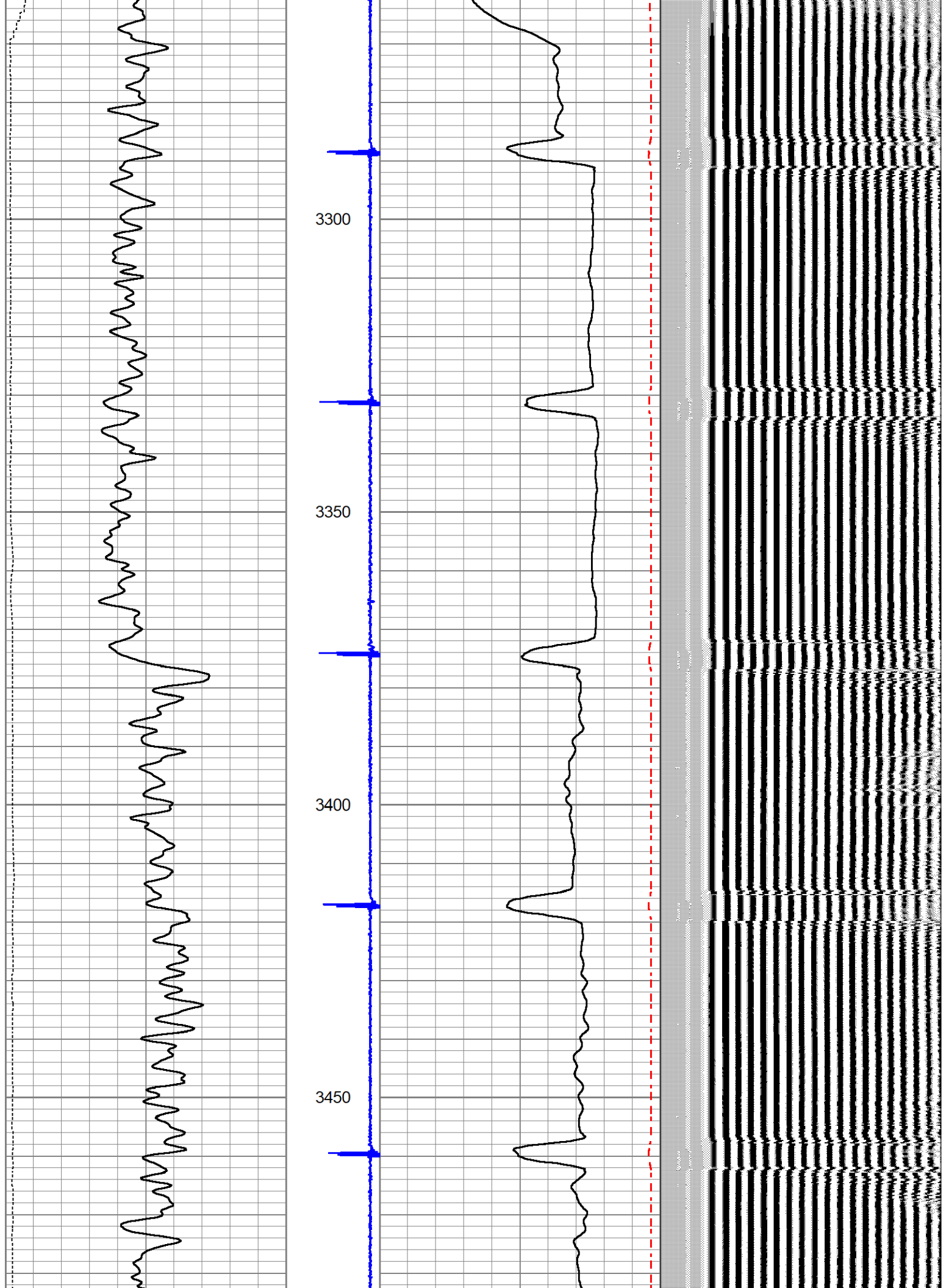
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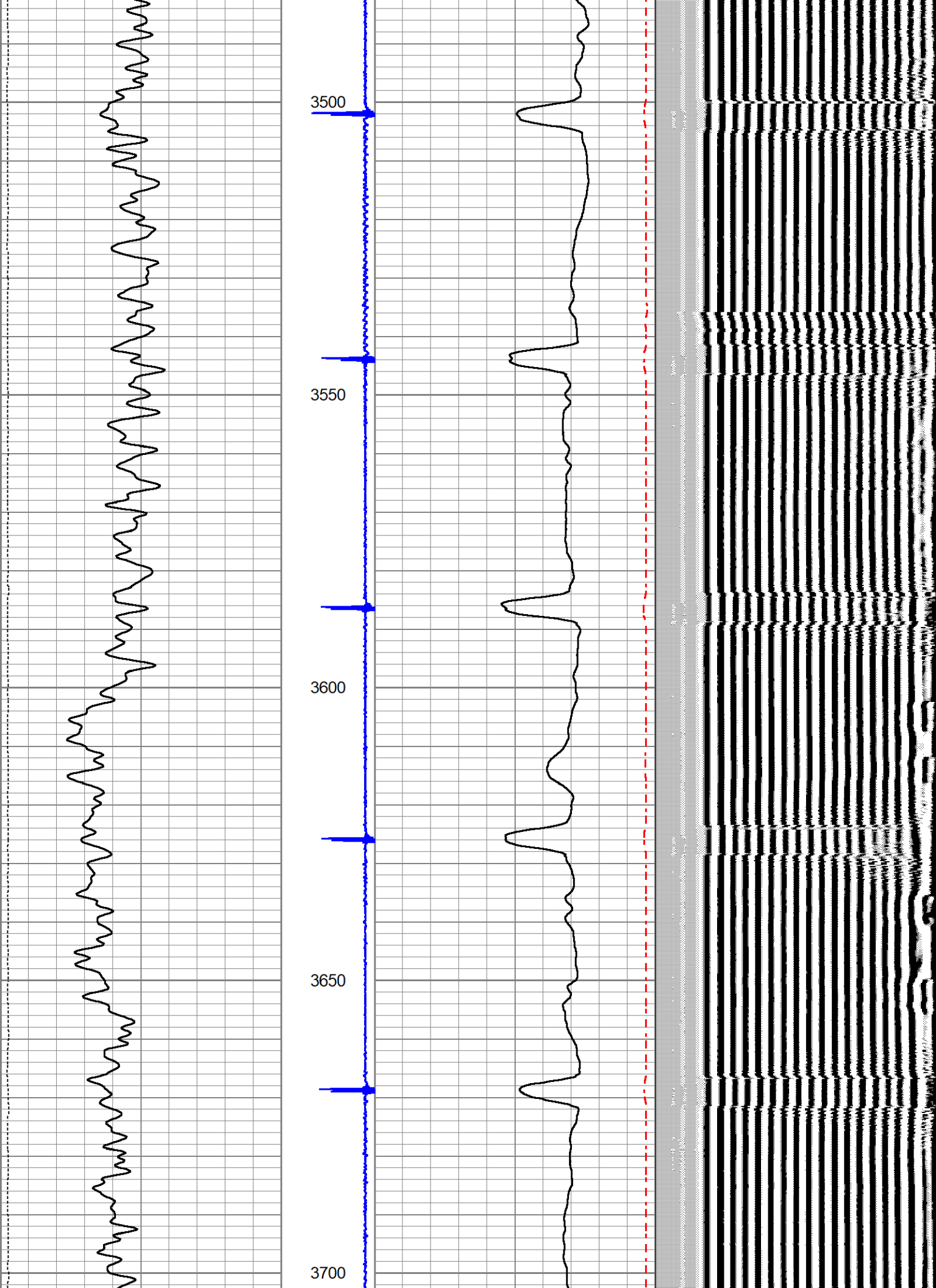


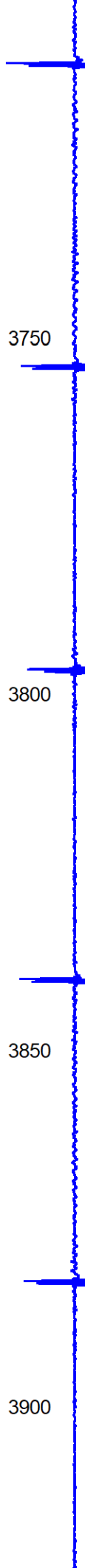
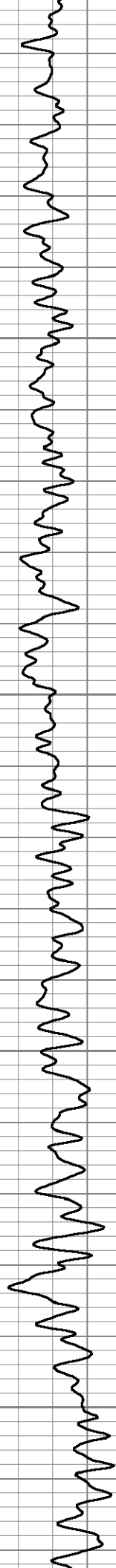










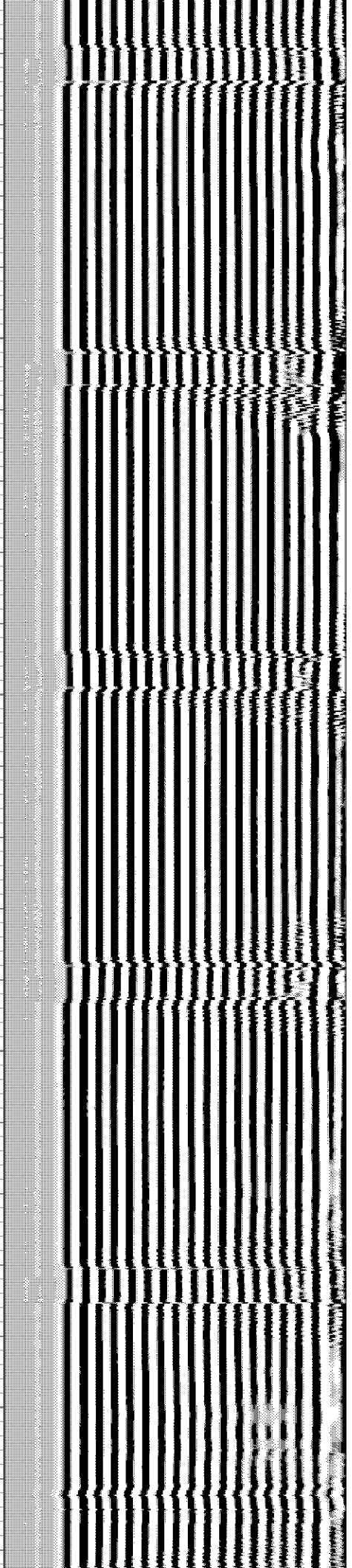
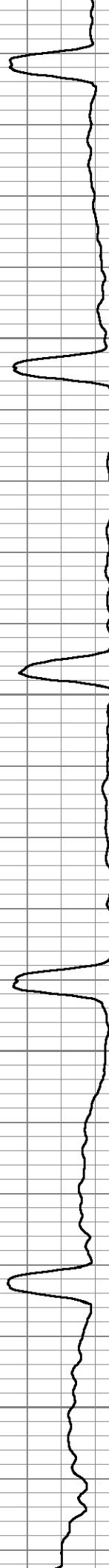


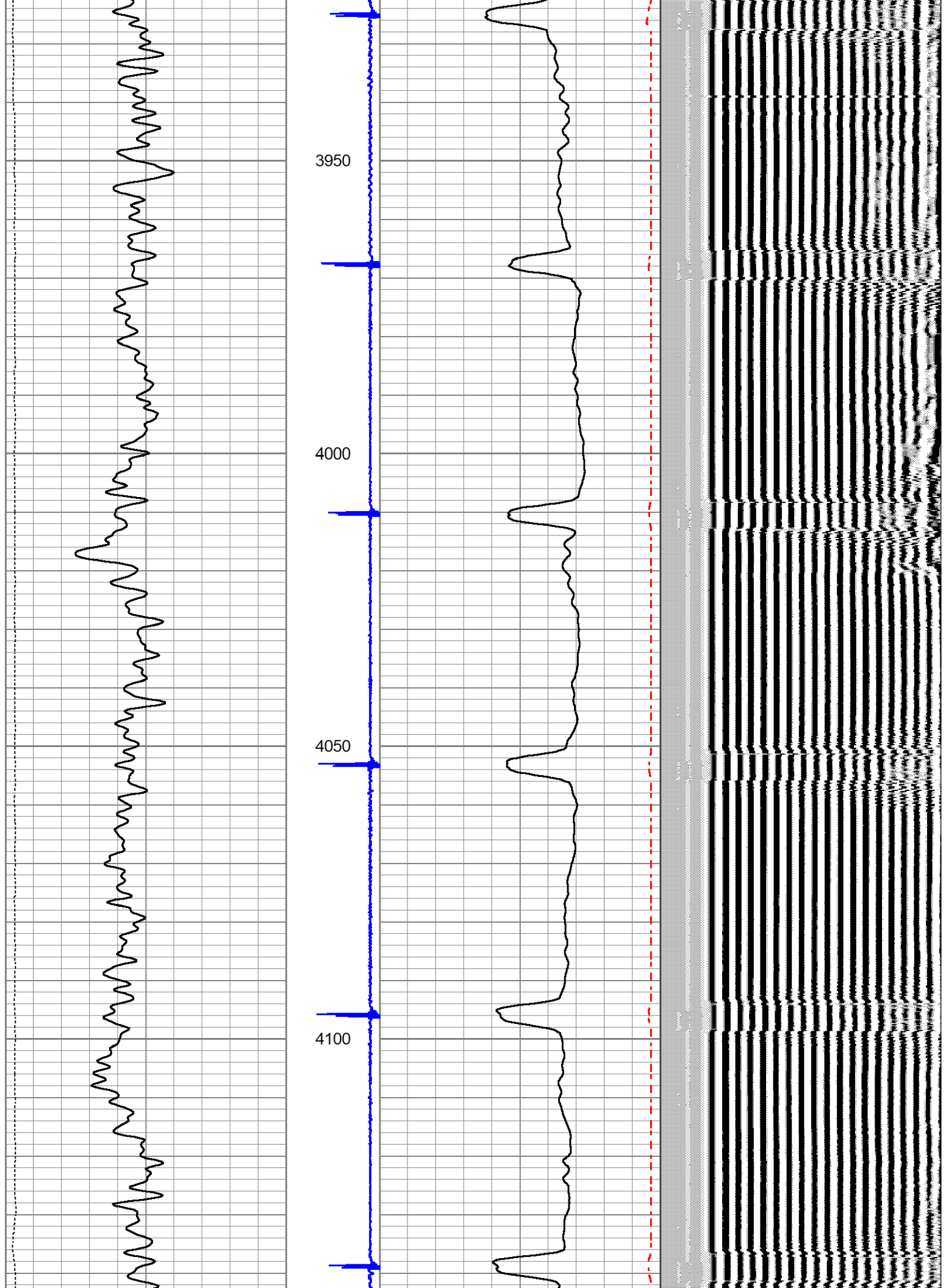
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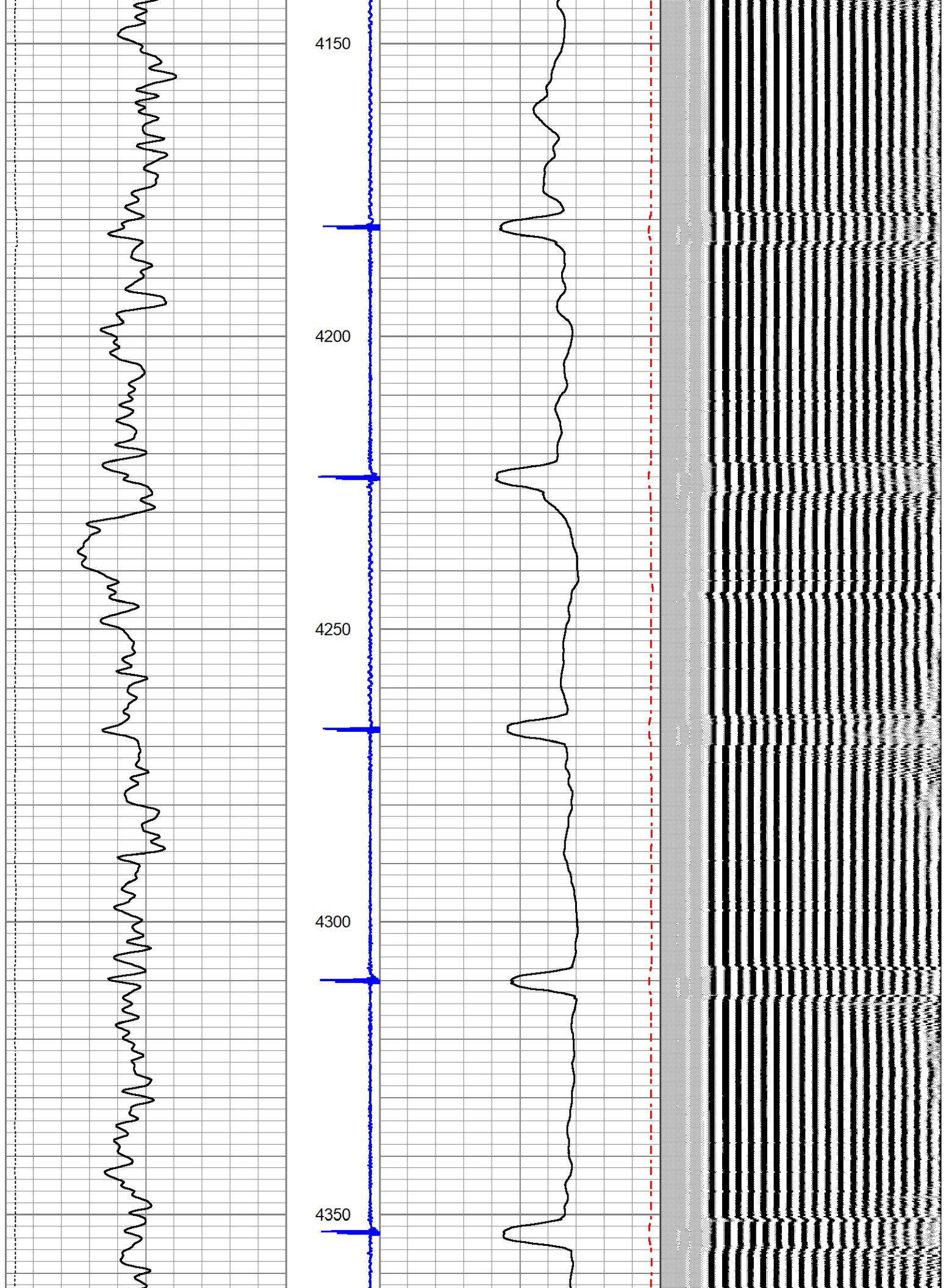
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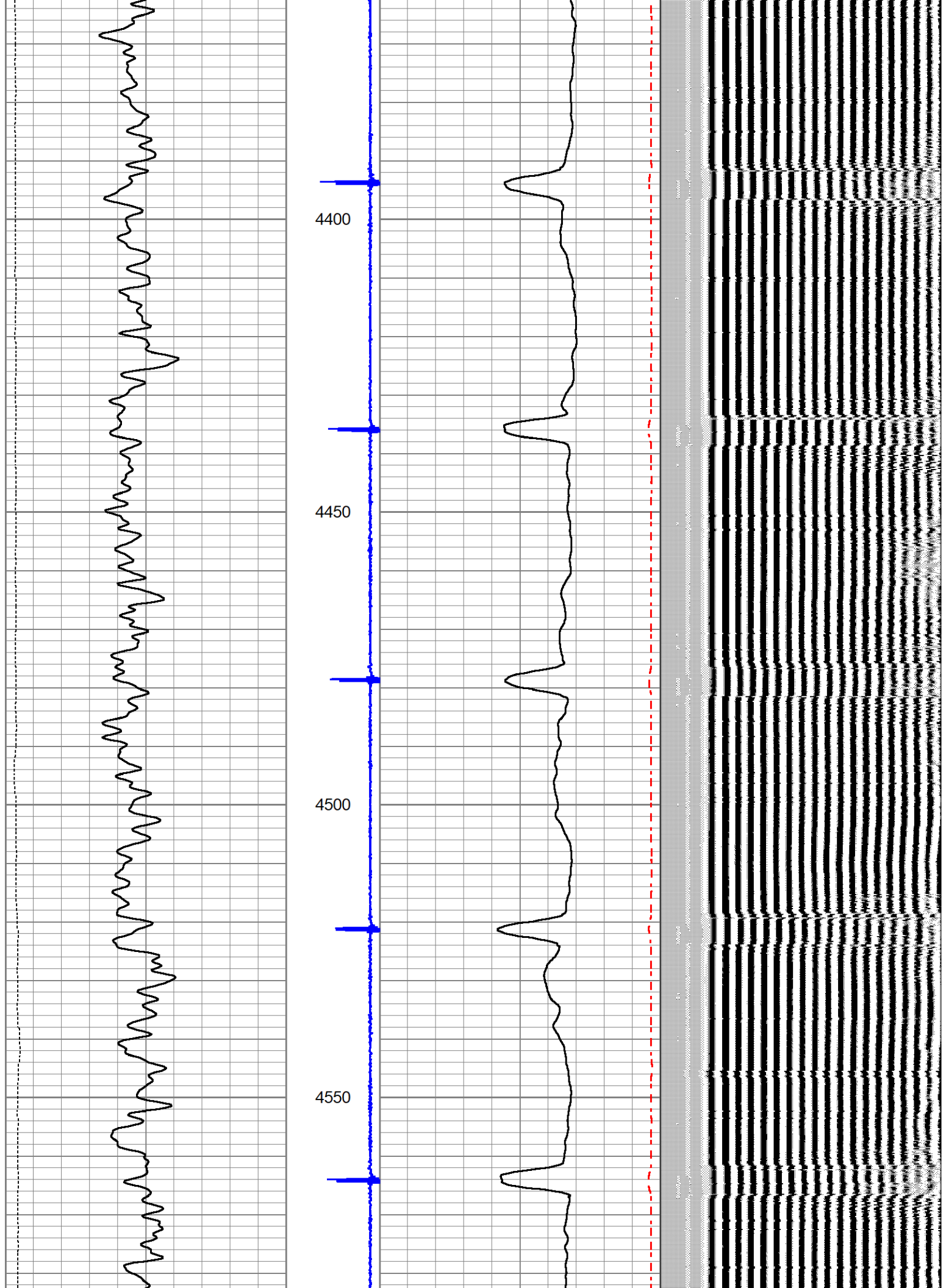
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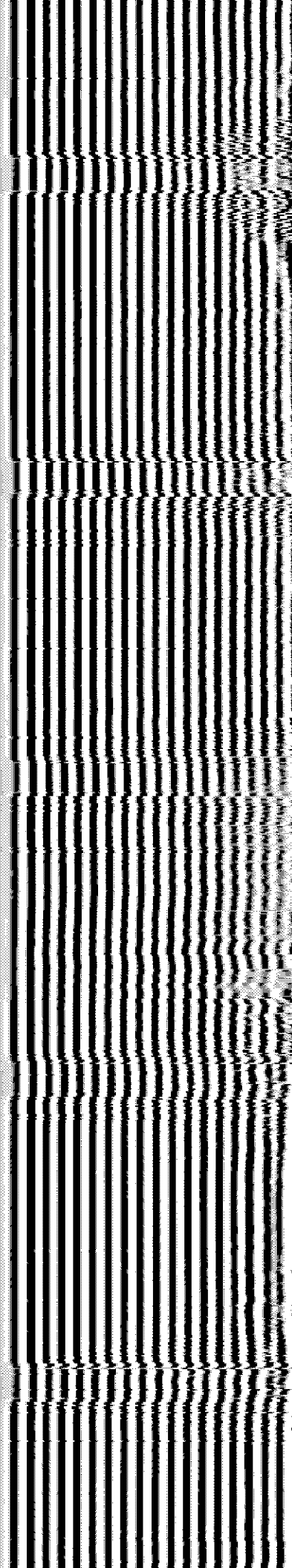
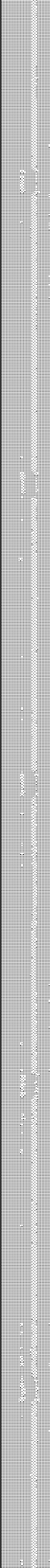
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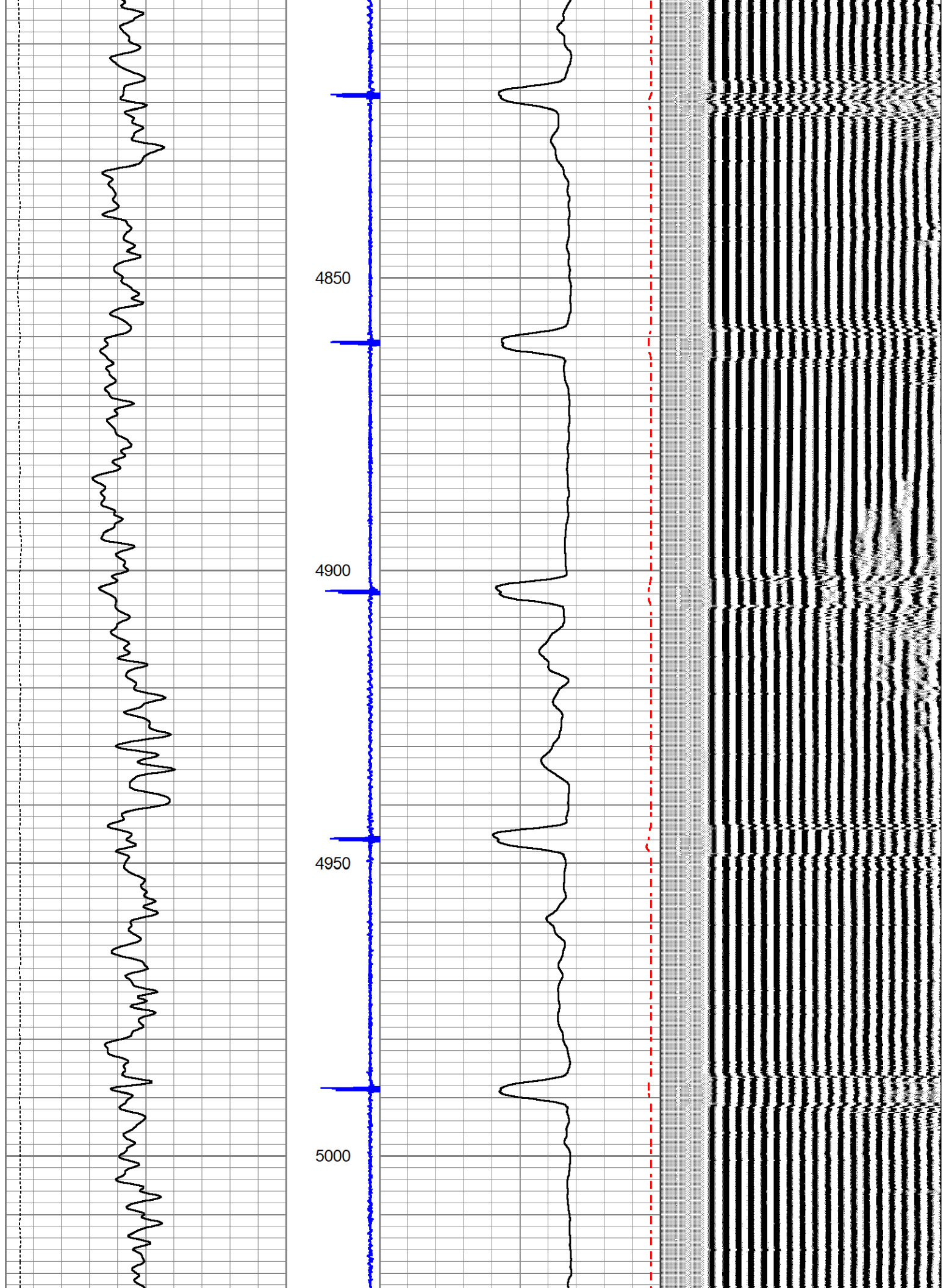
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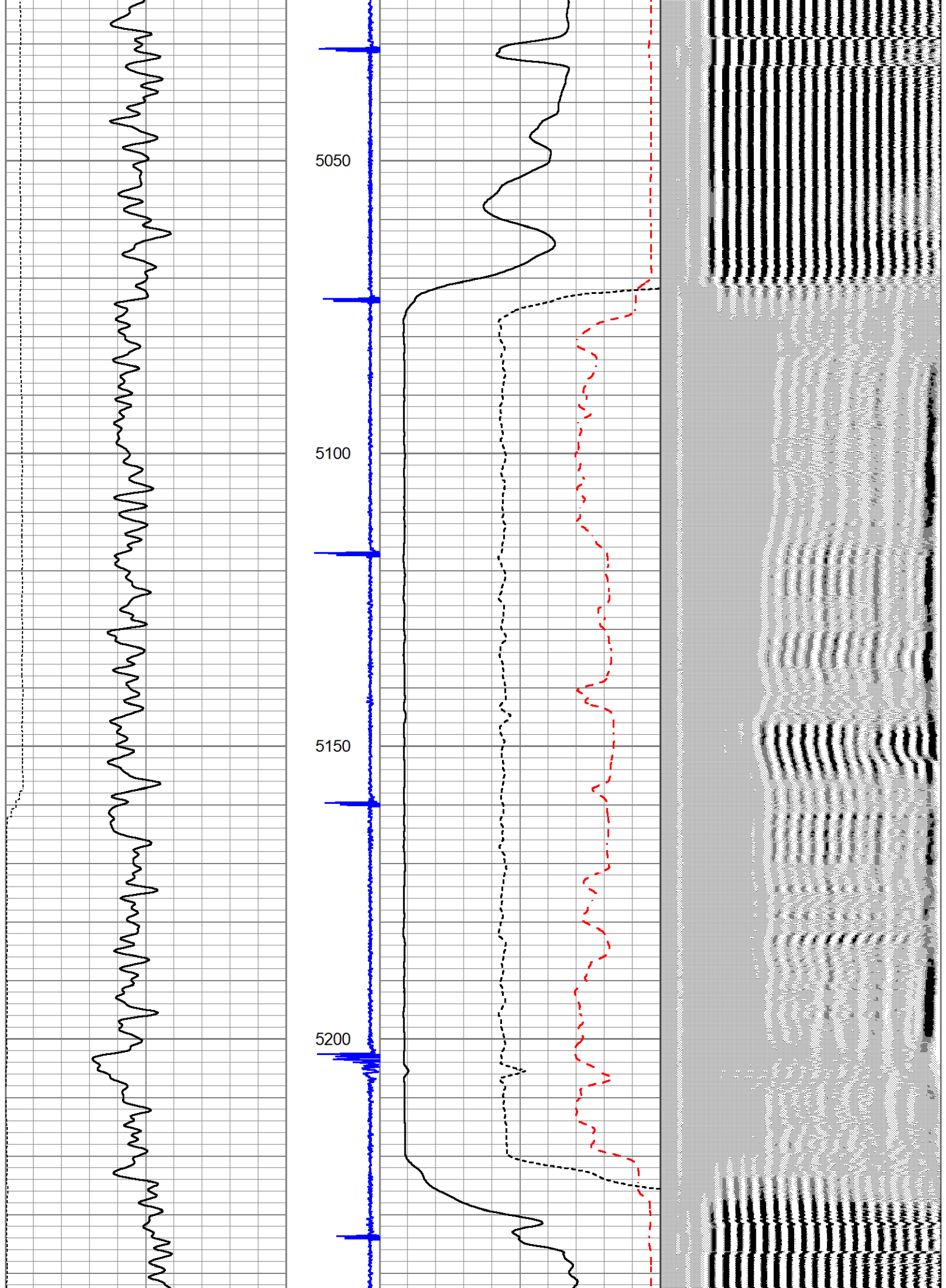
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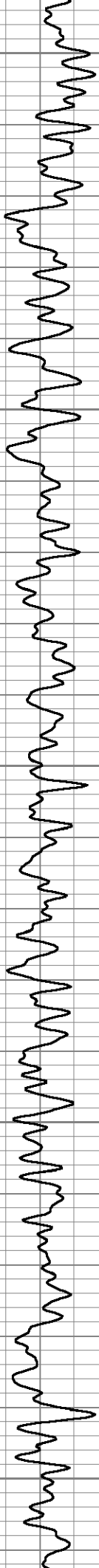
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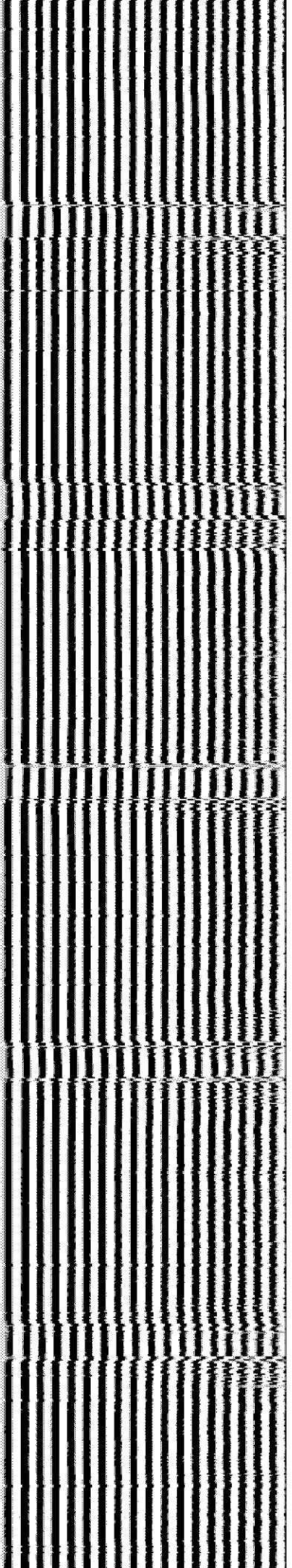
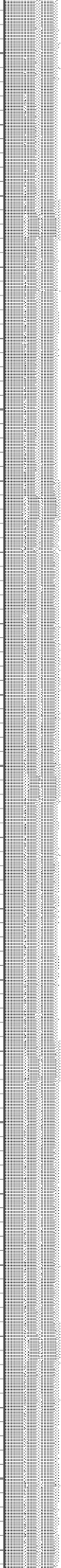
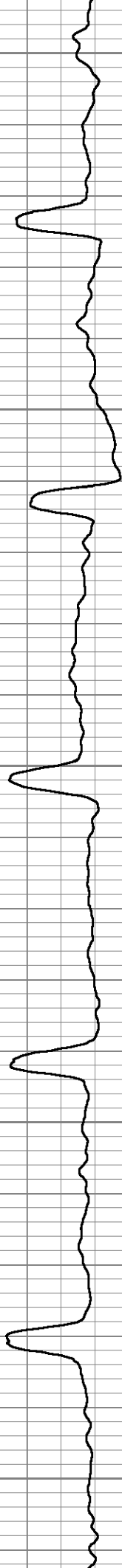
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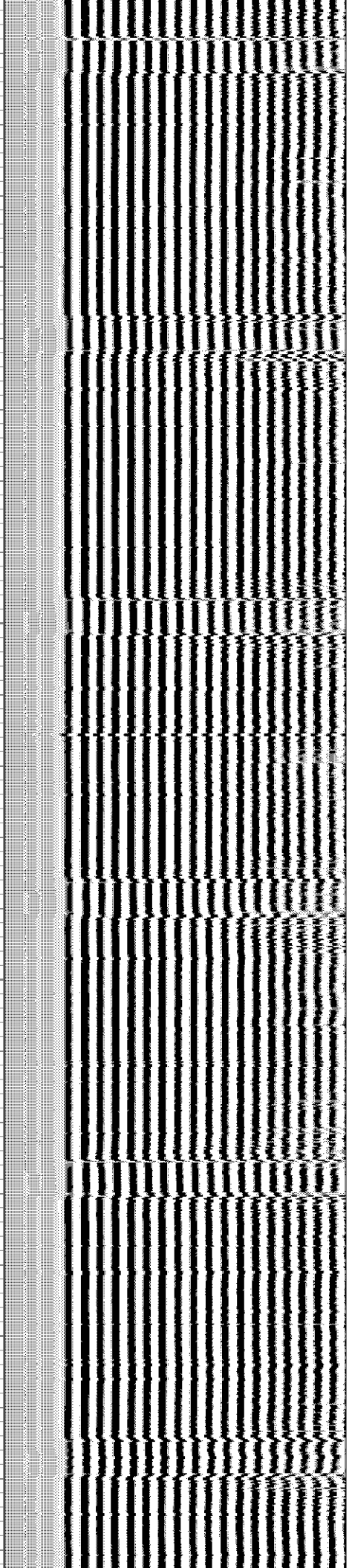
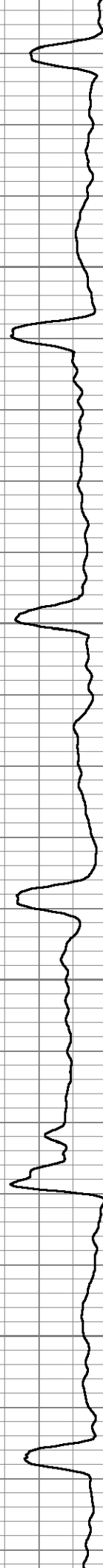


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5600

5650





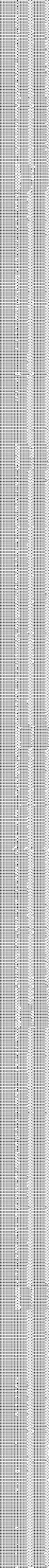
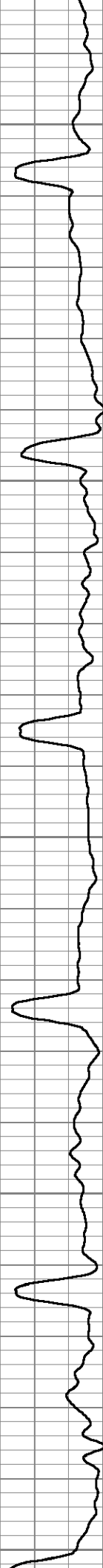
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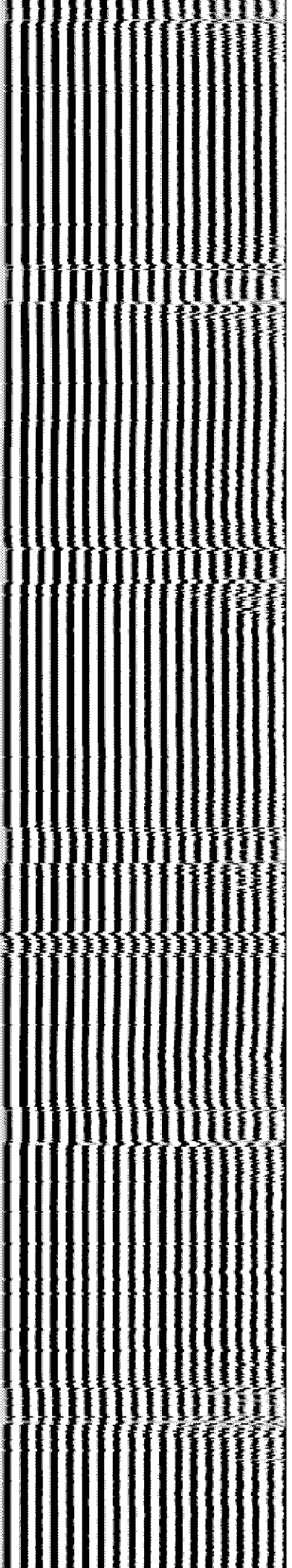
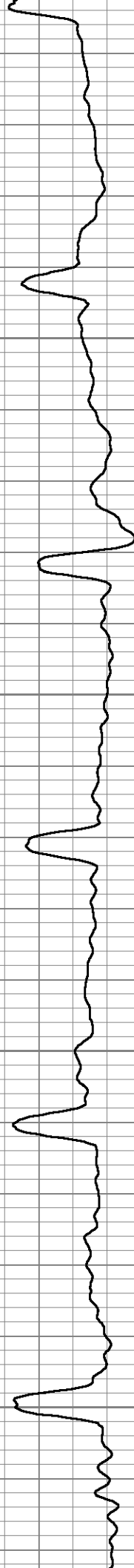
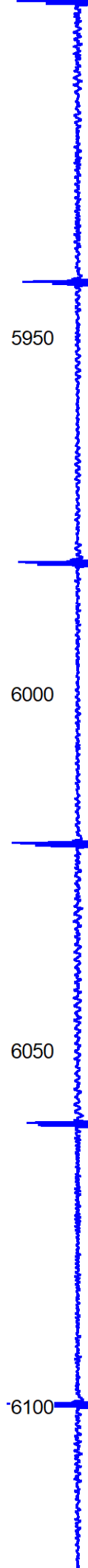
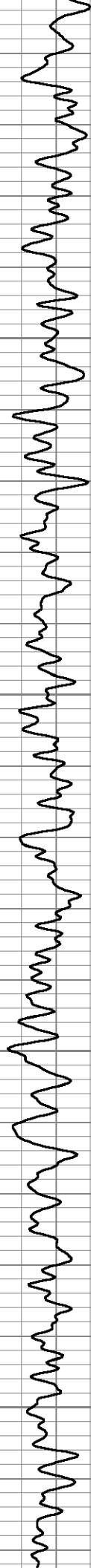
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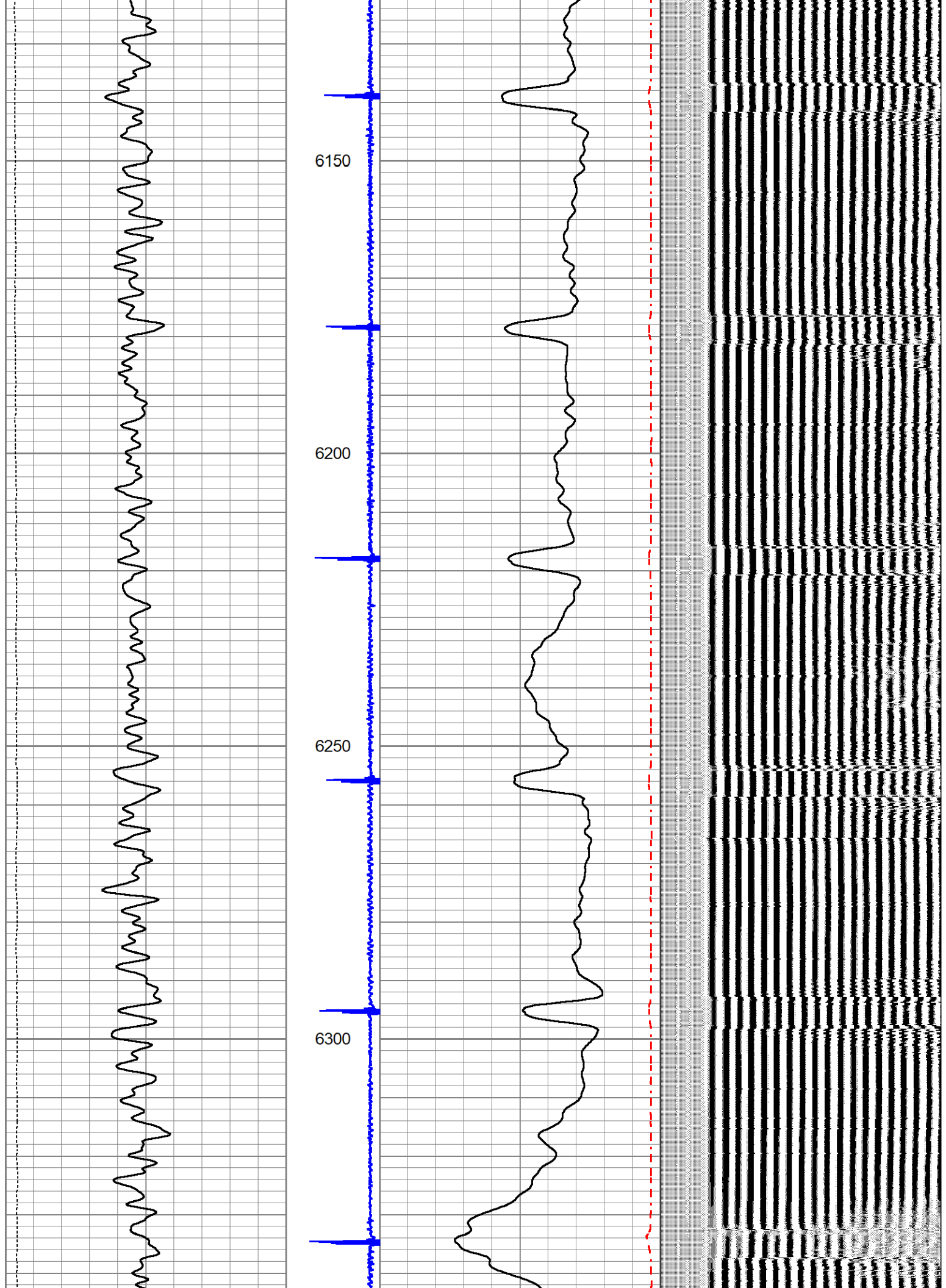
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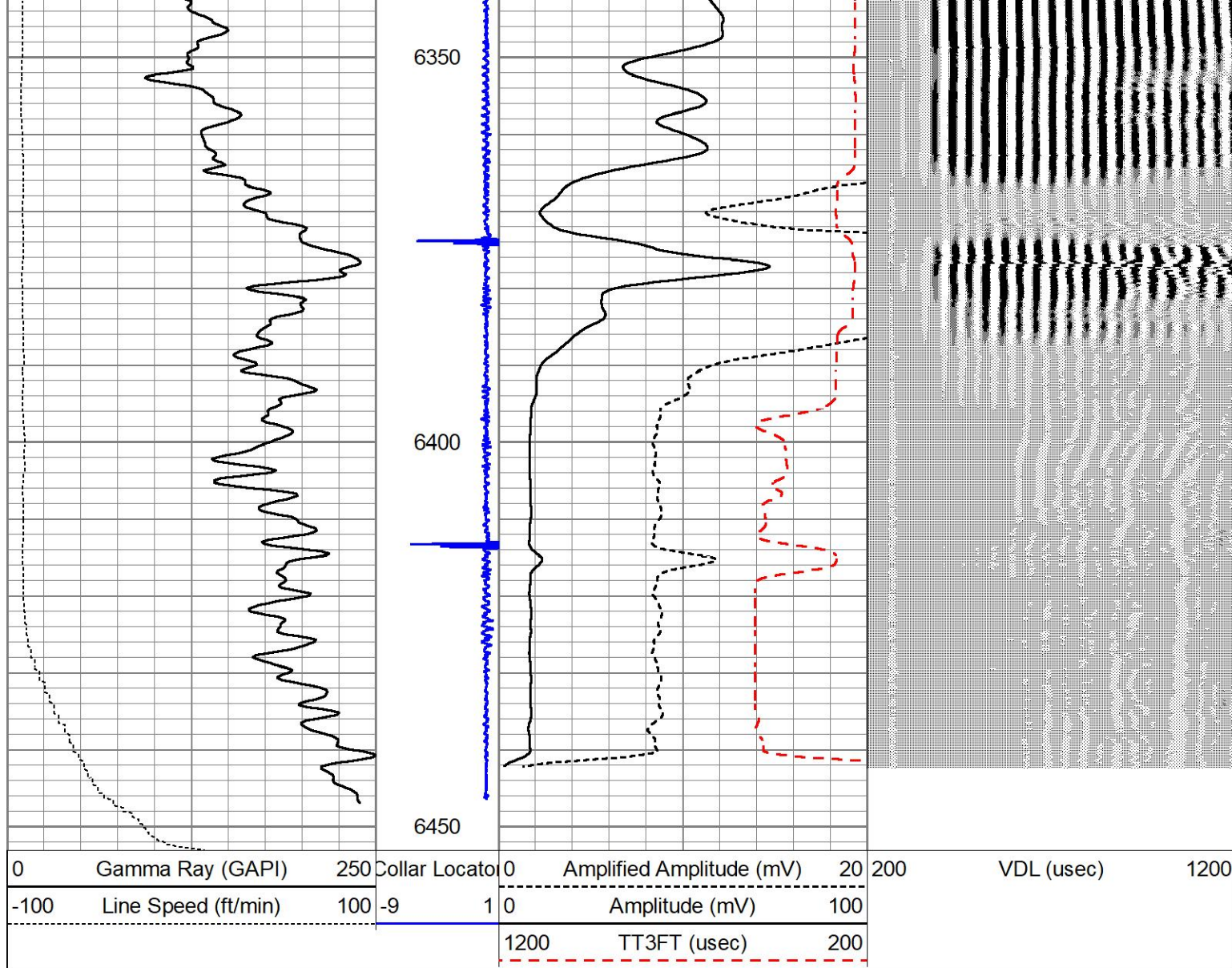
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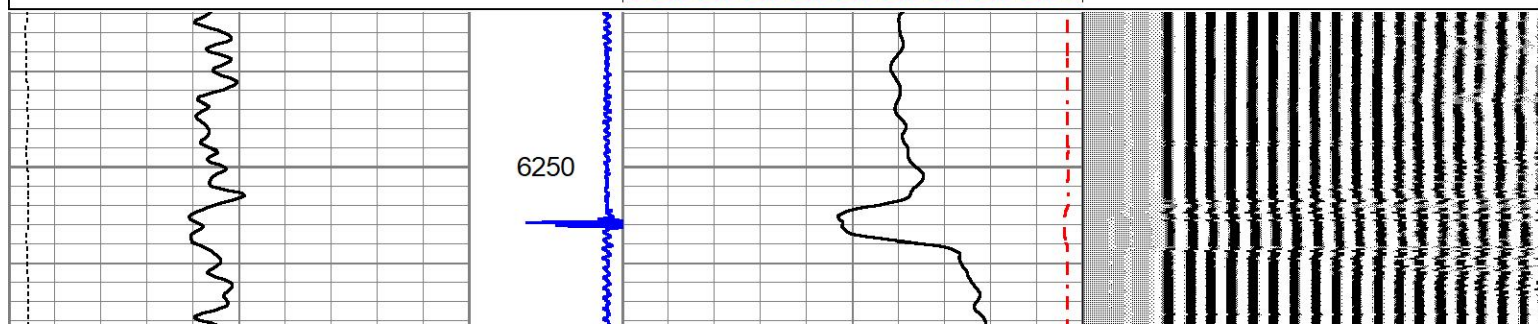
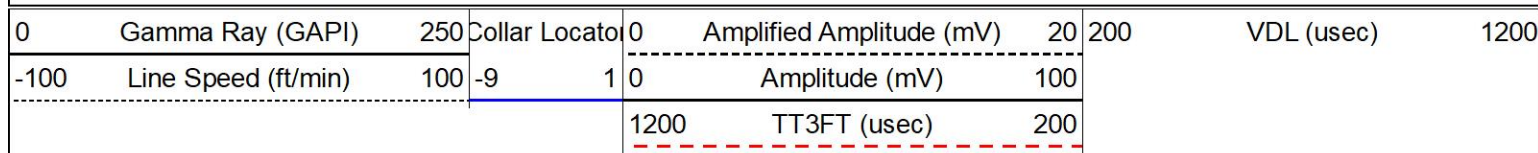


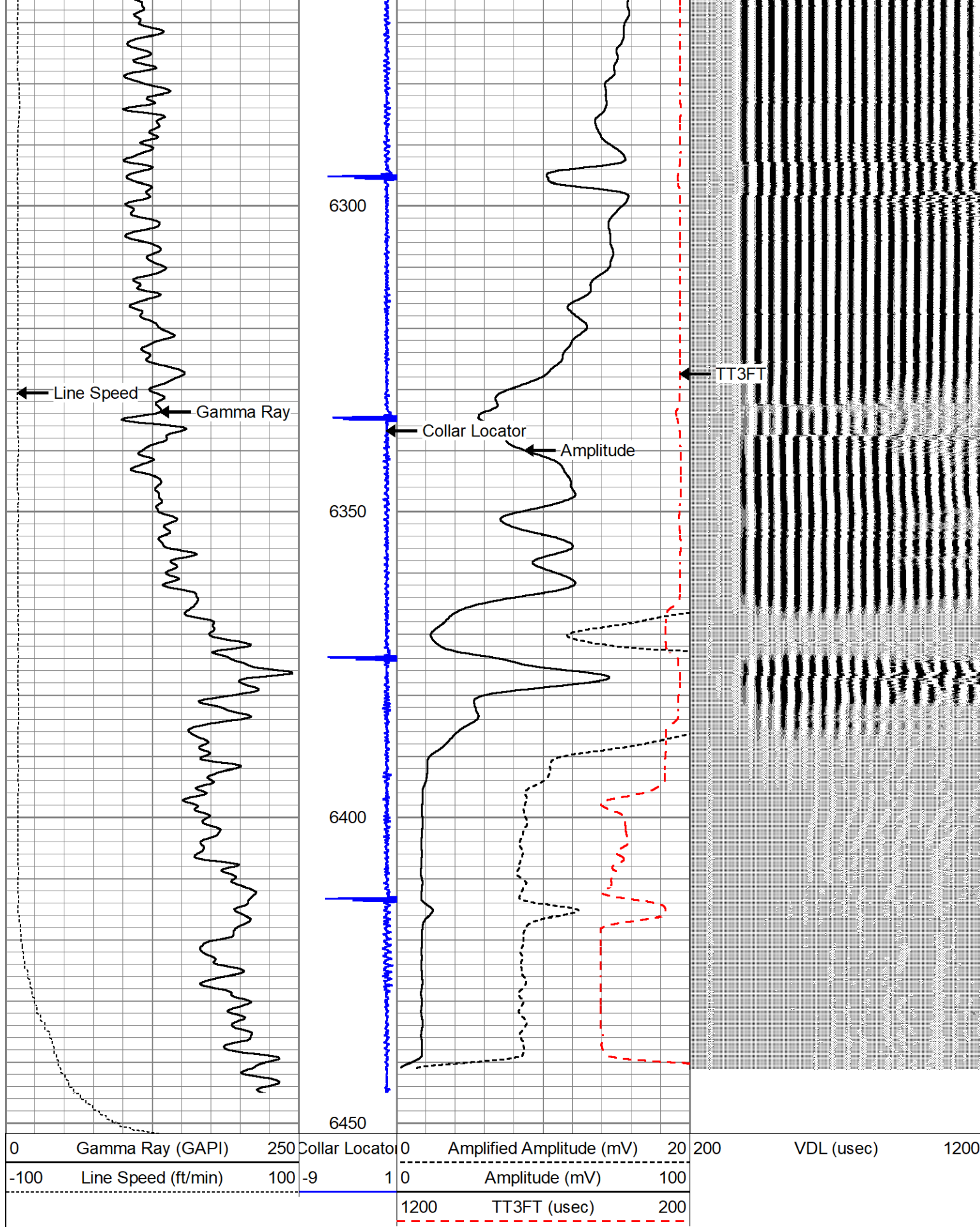




REPEAT PASS

Database File 2-23-24.db
 Dataset Pathname pass3
 Presentation Format zioncbl
 Dataset Creation Fri Feb 23 08:35:25 2024
 Charted by Depth in Feet scaled 1:240





Calibration Report

Database File 2-23-24.db
 Dataset Pathname pass5
 Dataset Creation Fri Feb 23 08:41:04 2024

Gamma Ray Calibration Report

Serial Number:	275	
Tool Model:	Probe	
Performed:	Thu Aug 07 08:00:19 2008	
Calibrator Value:	100.0	GAPI
Background Reading:	35.0	cps
Calibrator Reading:	160.0	cps
Sensitivity:	1.0000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	275	
Tool Model:	Probe	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	3371.393	ft

Master Calibration, performed Fri Feb 23 08:08:55 2024:

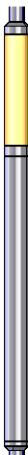

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	0.983	1.000	81.196	81.575	1.000
CAL						
5'	-0.001	0.902	1.000	81.196	88.753	1.108
SUM						
S1						
S2						
S3						
S4						
S5						
S6						
S7						
S8						

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL						

Air Zero Calibration, performed Thu May 28 09:57:00 2020:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1			
S2			
S3			
S4			
S5			
S6			
S7			
S8			

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CS6CENT-CSSROLLER	2.92	1.69	4.41
WVF3FT	11.69		CBL-Probe (275) Probe 2.75" Dual Receiver Bond	8.75	2.75	60.00
WVF5FT	10.69					
WVFSYNC HEADVOLT	7.50 7.50					
CCL	6.55					
			GR-Probe (275) Probe 2.75" 4 Channel Pulse	4.58	2.75	30.00
GR	3.81					
			CS6CENT-CSSROLLER	2.92	1.69	4.41

Dataset: 2-23-24.db: field/well/run1/pass5
Total length: 19.17 ft

Total length: 10.17 ft
Total weight: 98.82 lb
O.D.: 2.75 in

Log Variables

DatabaseC:\ProgramData\Warrior\Data\2-23-24.db
Dataset field/well/run1/pass5/_vars_

Top - Bottom

BOREID in 7.875	BOTTEMP degF 100	CASEOD in 4.5	CASETHCK in 0	CASEWGHT lb/ft 11.6	MAXAMPL mV 81.2	MINAMPL mV 1	MINATTN db/ft 0.8
PERFS No	PPT usec 0	SRFTEMP degF 0	TDEPTH ft 0				

Variable Description

BOREID : Borehole I.D.	CASEWGHT : Casing Weight	PERFS : Perforation Flag
BOTTEMP : Bottom Hole Temperature	MAXAMPL : Maximum Amplitude	PPT : Predicted Pipe Time
CASEOD : Casing O.D.	MINAMPL : Minimum Amplitude	SRFTEMP : Surface Temperature
CASETHCK : Casing Thickness	MINATTN : Minimum Attenuation	TDEPTH : Total Depth