



CEMENT BOND LOG WITH GAMMA RAY

MIDWEST WIRELINE

Company Becker Oil Corporation	
Well Folks #1	
Field Ashland Northeast	
County Clark	State Kansas
Location: 2289' FNL & 1220' FWL	
API # : 15-025-21616-00-00	
Other Services	
SEC 30 TWP 32S RGE 22W	
Permanent Datum Log Measured From Drilling Measured From	Ground Level Elevation KB 11' Above Perm. Datum Kelly Bushing
Elevation K.B. 2078' D.F. N/A G.L. 2067'	

Date of Service	Run Number	One	6/8/2021
Depth Driller or PBTID	6840'		
Depth Logger	6792'		
Bottom Log Interval	6790'		
Top Log Interval	3350'		
Open Hole Size	7.875"		
Type Fluid	Water		
Fluid Level	Full		
Fluid Density	N/A		
Max. Recorded Temperature	144 Deg. F.		
Max. Wellhead Pressure	00 PSI		
Wellhead Connection	N/A		
Estimated Cement Top	3580'		
Unit Number	T-106		
Wireline Size	.288"		
Location	Hays Kansas		
Recorded By	M. Hiss		
Witnessed By	Jason Anderson		
Tubing Record	Size	Wt/Ft	Top
Surface Casing	8.625"	23#	00'
Production Casing	5.5"	15.5#	00'
Liner Record			Bottom
			747'
			TD

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All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline 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.
Ashland Kansas
2 1/4 North on Rd 20, East & North Into.

THANK YOU FOR USING MIDWEST WIRELINE LLC!

Your Midwest Wireline Crew	Tool Data - Services	Serial Number
Engineer: M. Hiss Operator: J. Rome Operator: Operator:		

Company	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
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Log Variables

DatabaseC:\ProgramData\Warrior\Data\becker_folks_#1_cbl.db
Dataset field/well/run1/pass7.1/_vars_

Top - Bottom

BOREID in 7.875	BOTTEMP degF 144	CASEOD in 5.5	CASETHCK in 0.275	CASEWGHT lb/ft 15.5	MAXAMPL mV 0	MINAMPL mV 1	MINATTN db/ft 0.08
PERFS 0	PPT usec 0	SRFTEMP degF 70	TDEPTH ft 6792				

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness

CASEWGHT : Casing Weight
MAXAMPL : Maximum Amplitude
MINAMPL : Minimum Amplitude
MINATTN : Minimum Attenuation

PERFS : Perforation Flag
PPT : Predicted Pipe Time
SRFTEMP : Surface Temperature
TDEPTH : Total Depth



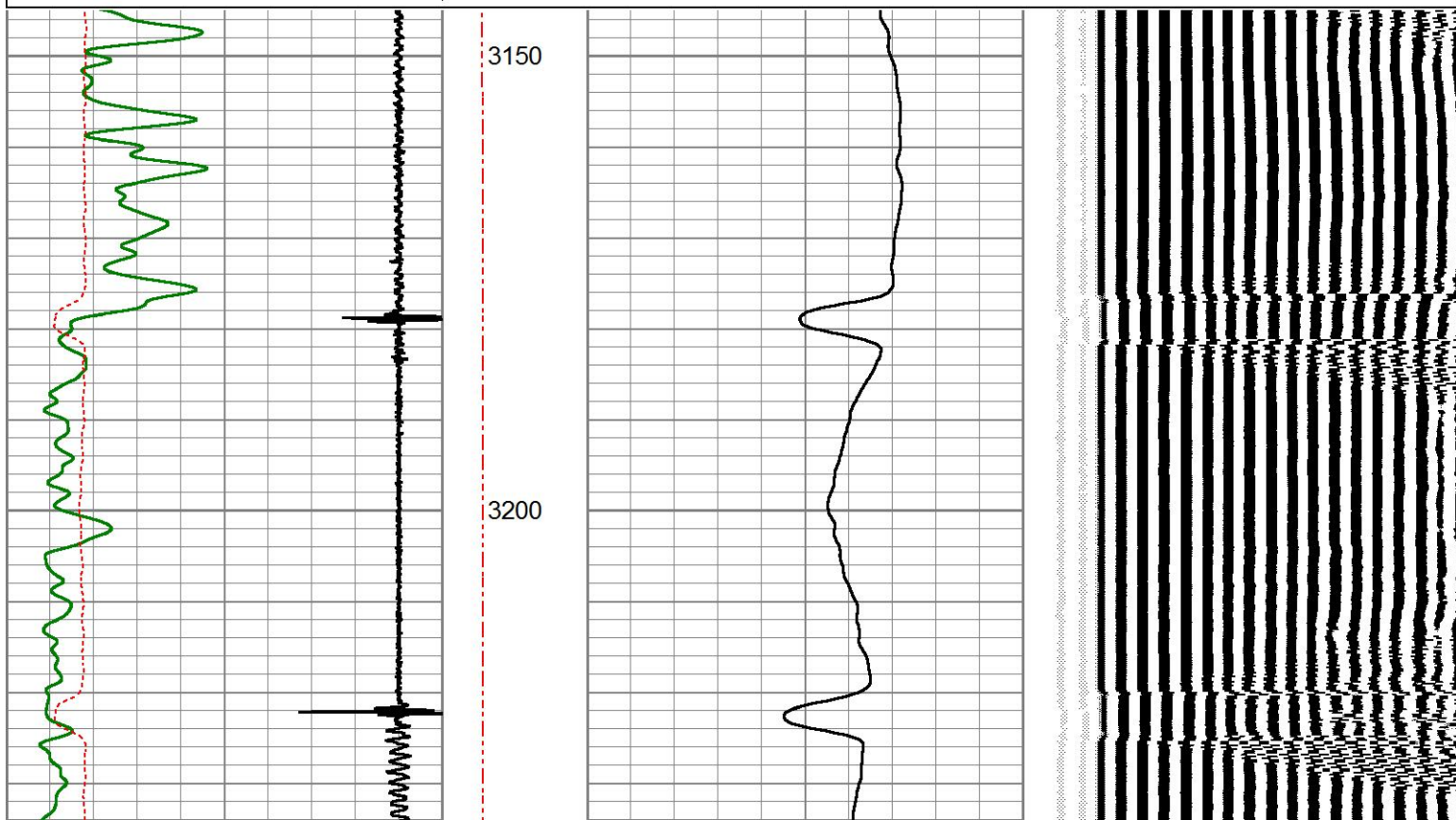
MIDWEST WIRELINE

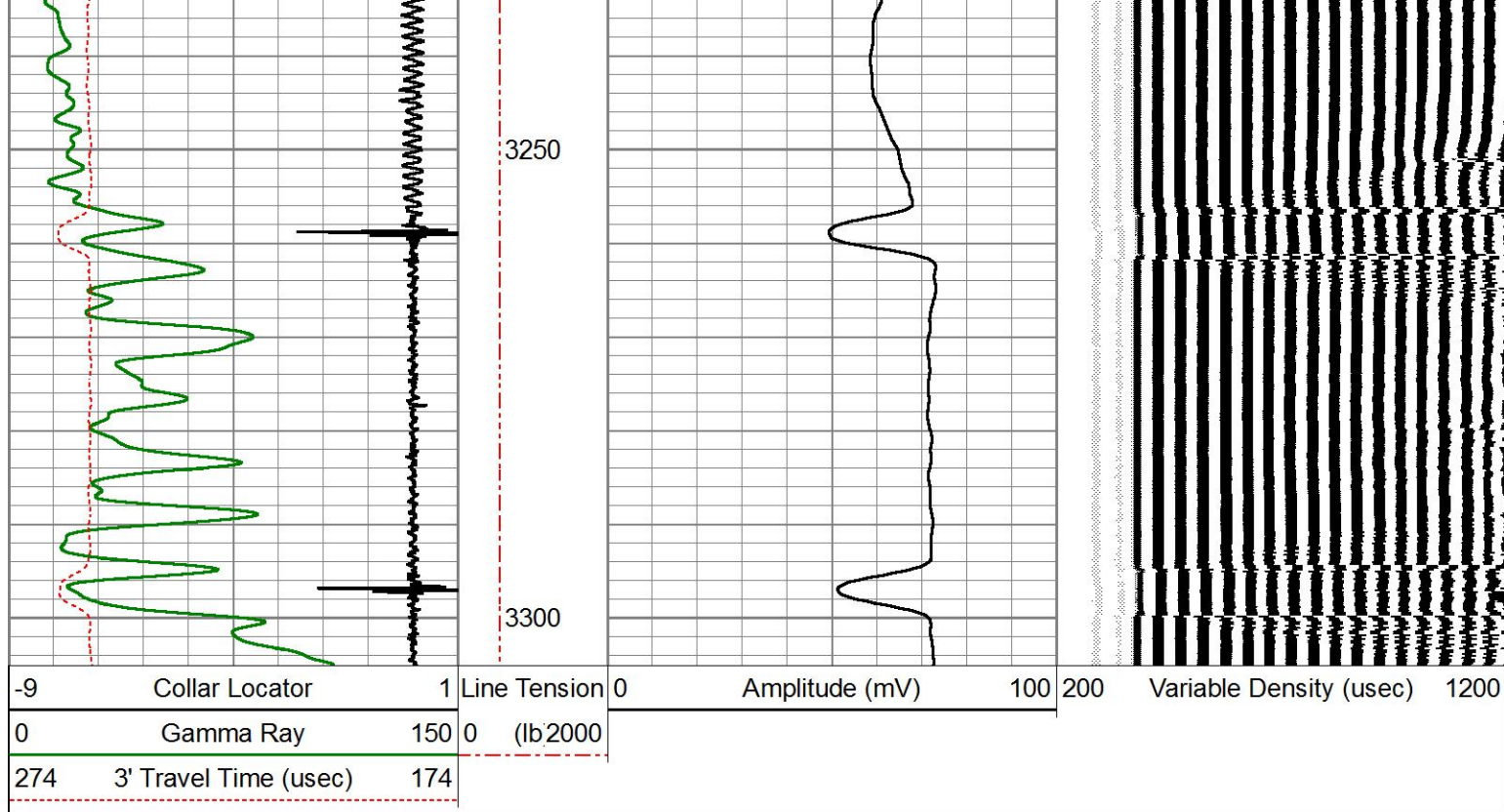
FREE PIPE SECTION

ZERO PSI APPLIED AT SURFACE

Database File becker_folks_#1_cbl.db
Dataset Pathname pass2
Presentation Format pinr_cbl
Dataset Creation Tue Jun 08 09:12:44 2021
Charted by Depth in Feet scaled 1:240

-9	Collar Locator	1	Line Tension	0	Amplitude (mV)	100	200	Variable Density (usec)	1200
0	Gamma Ray	150	0 (lb2000)						
274	3' Travel Time (usec)	174							



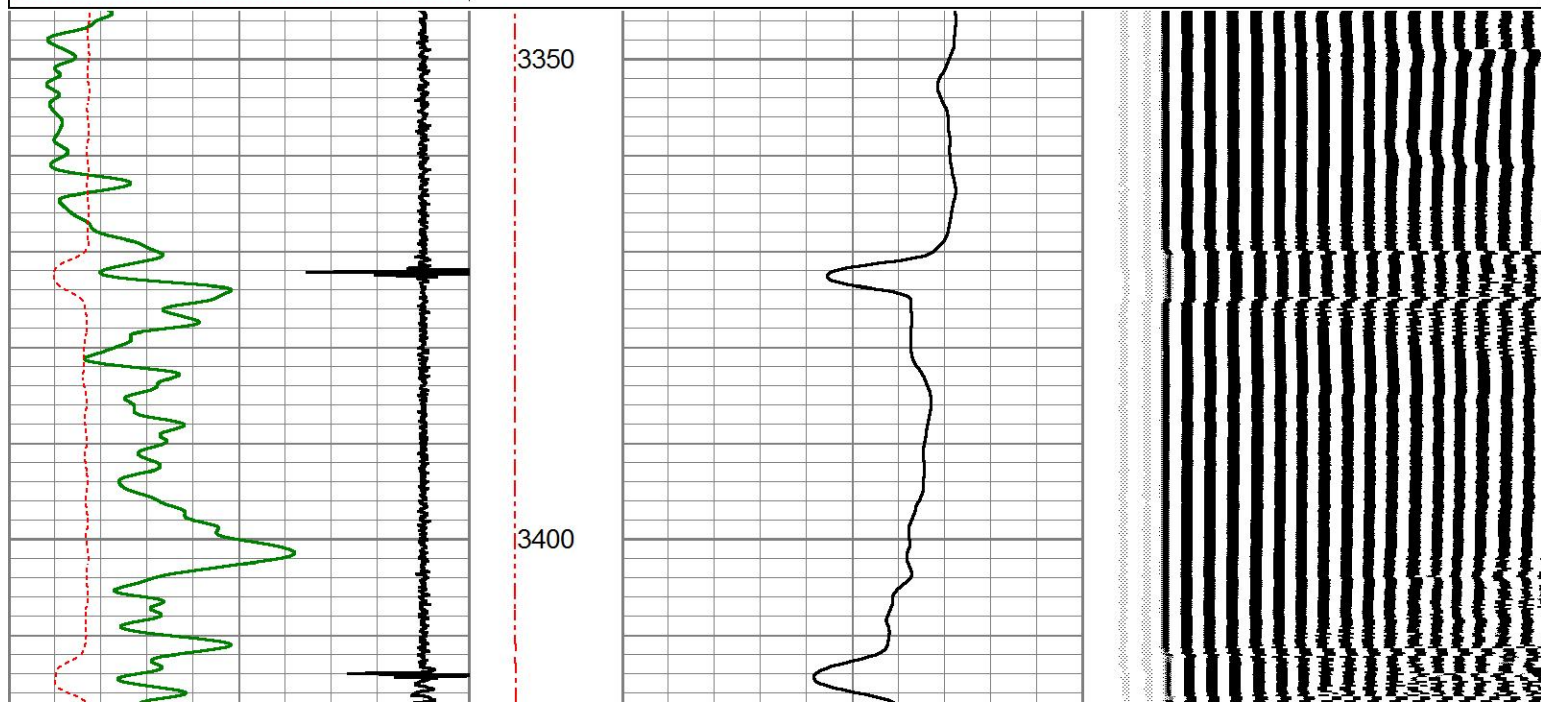
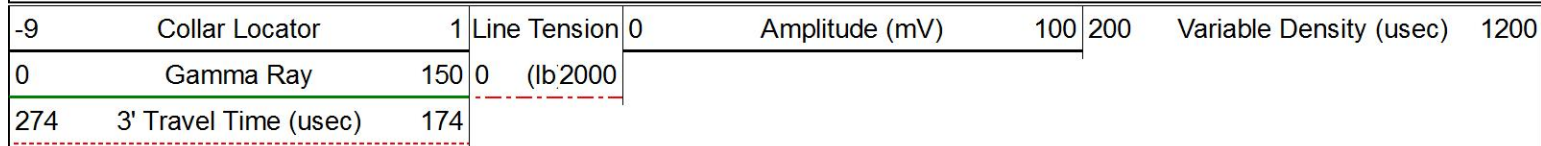


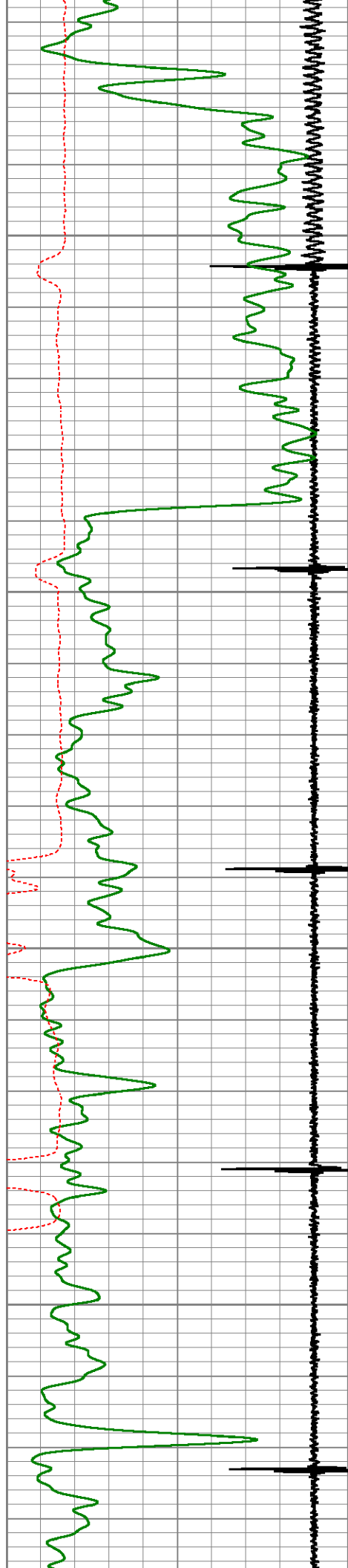
MIDWEST WIRELINE

MAIN LOG

ZERO PSI APPLIED AT SURFACE

Database File: becker_folks_#1_cbl.db
 Dataset Pathname: pass7.1
 Presentation Format: pinr_cbl
 Dataset Creation: Tue Jun 08 11:00:49 2021
 Charted by: Depth in Feet scaled 1:240



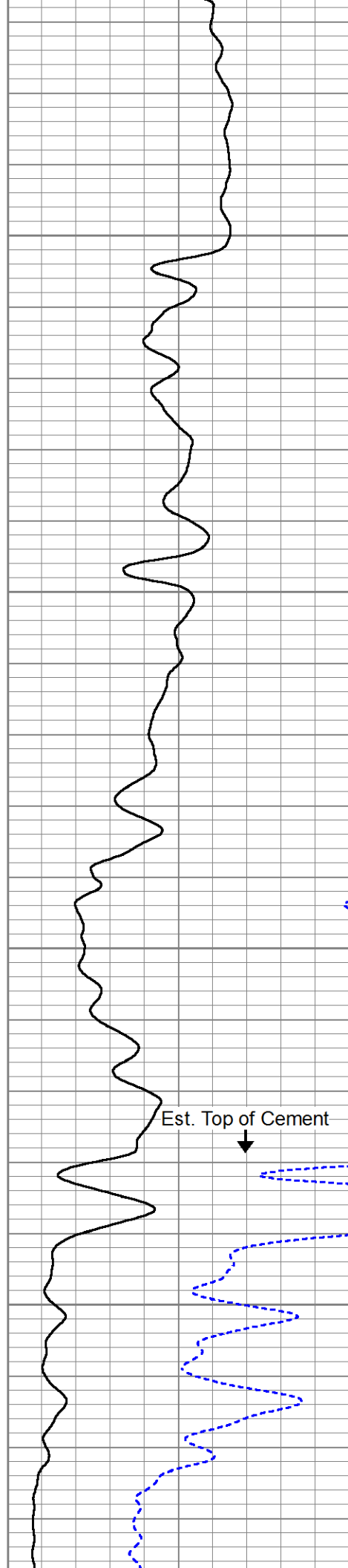


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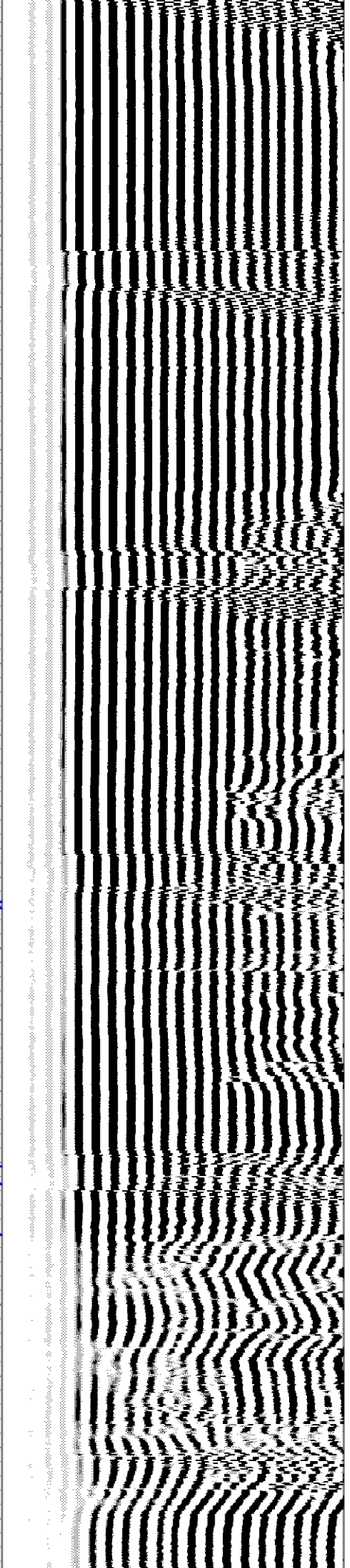
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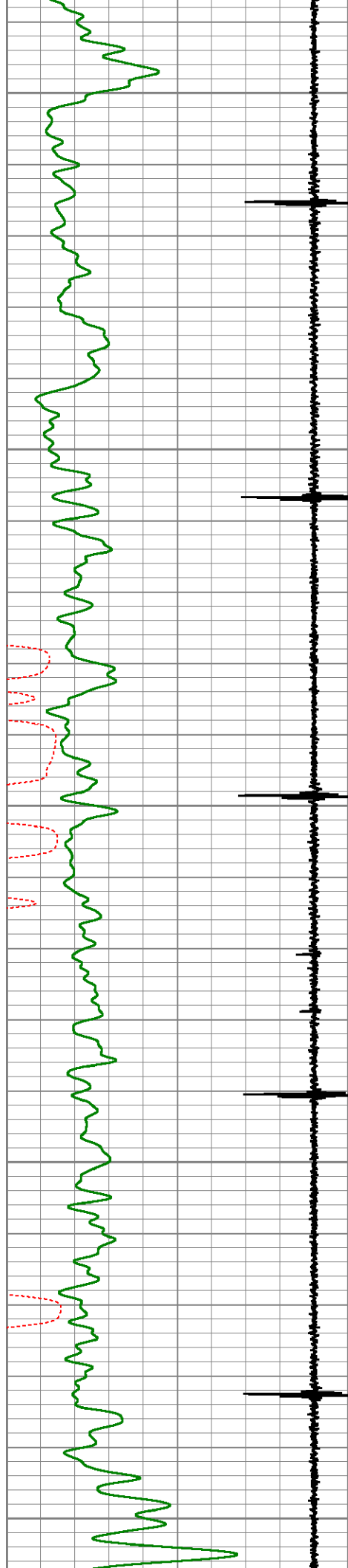
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Est. Top of Cement





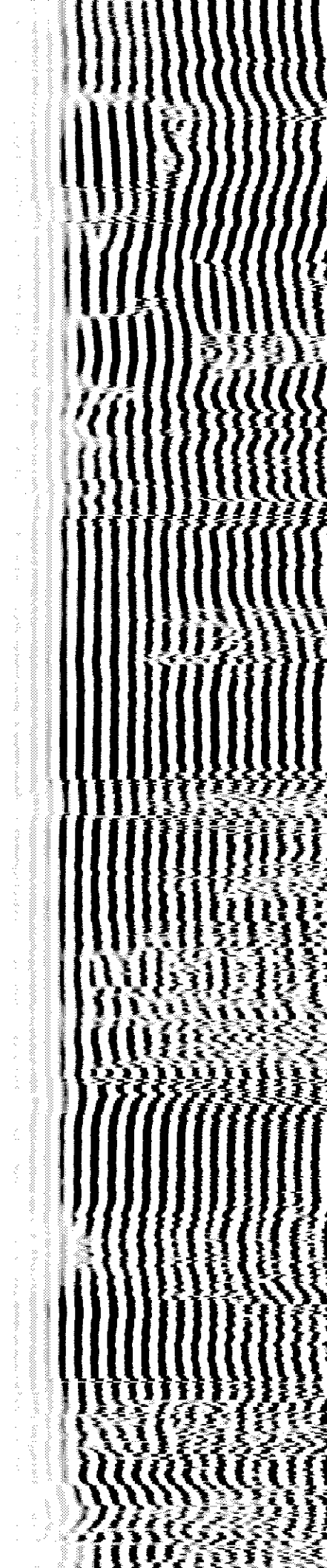
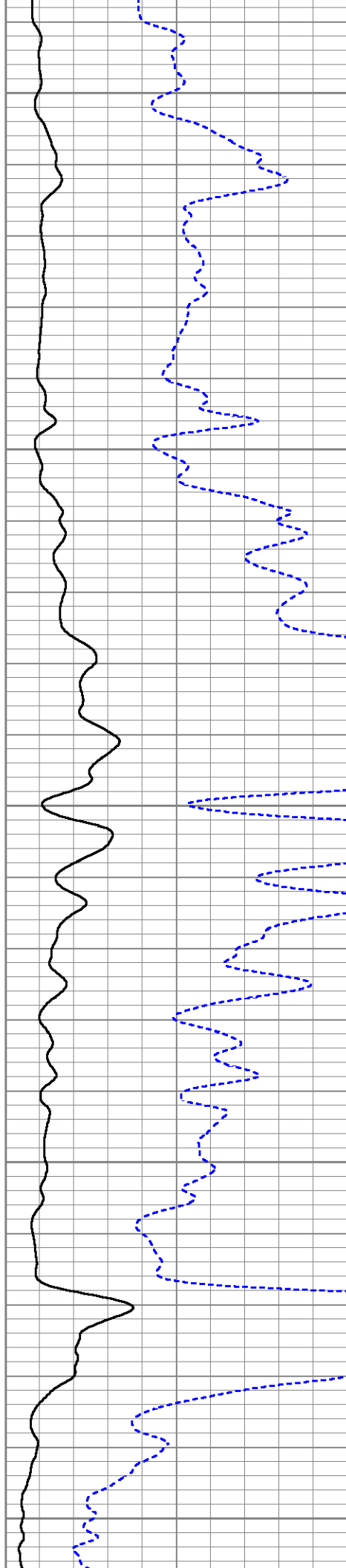
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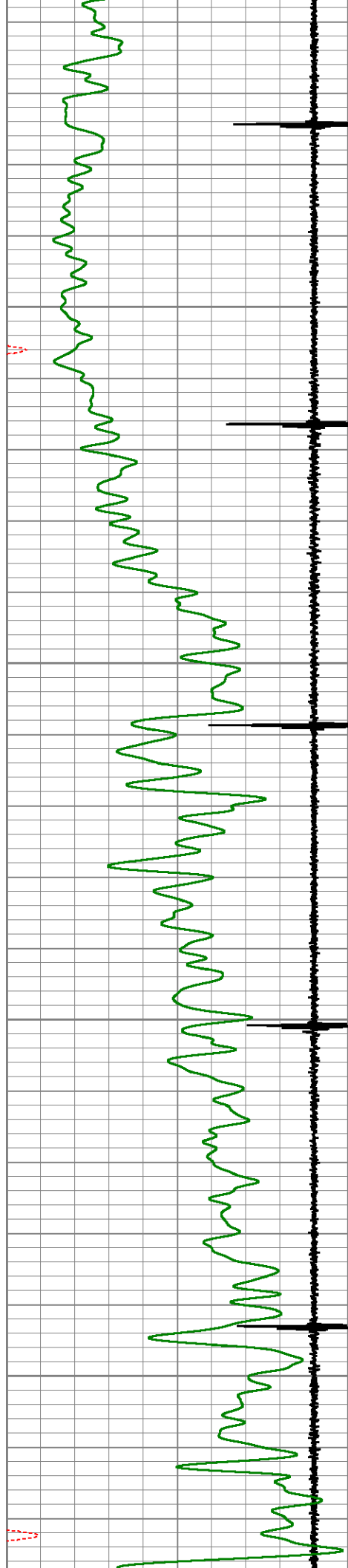
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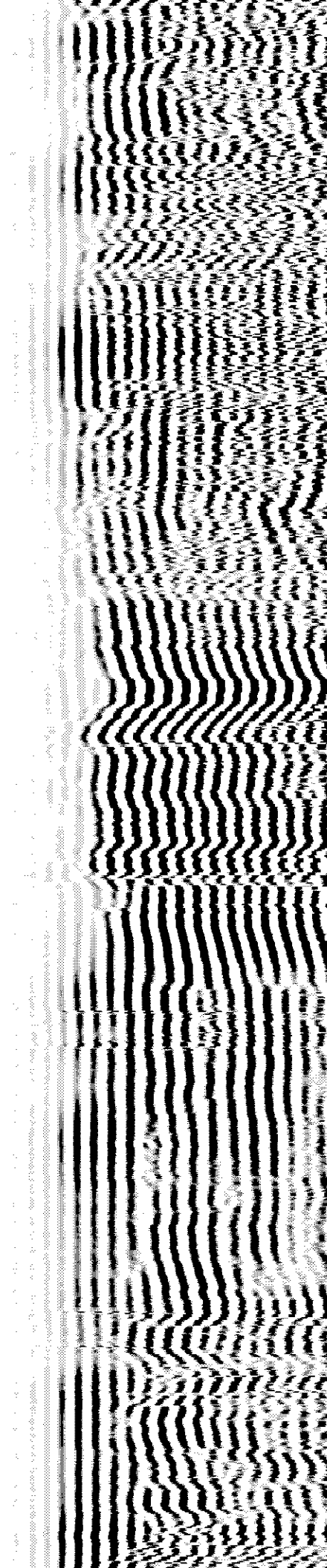
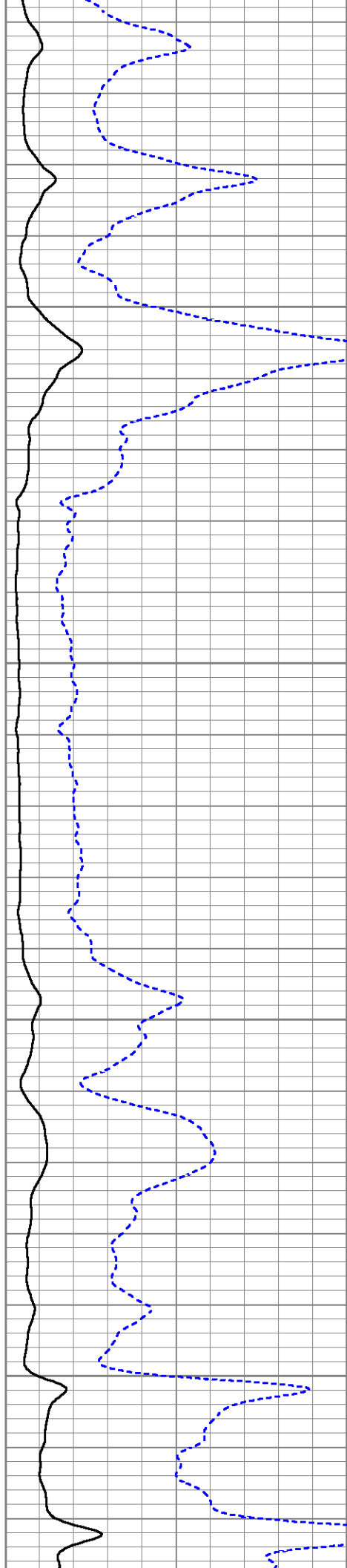


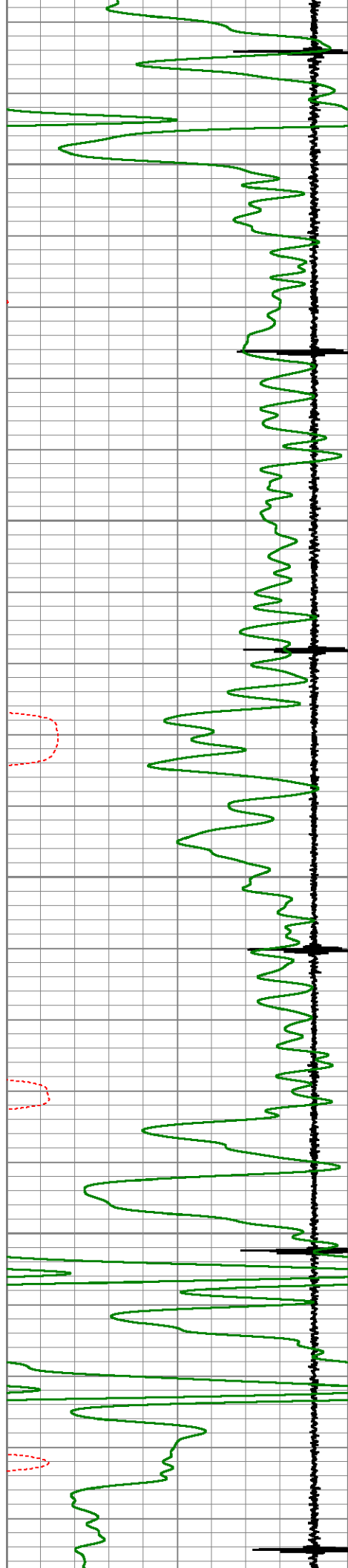
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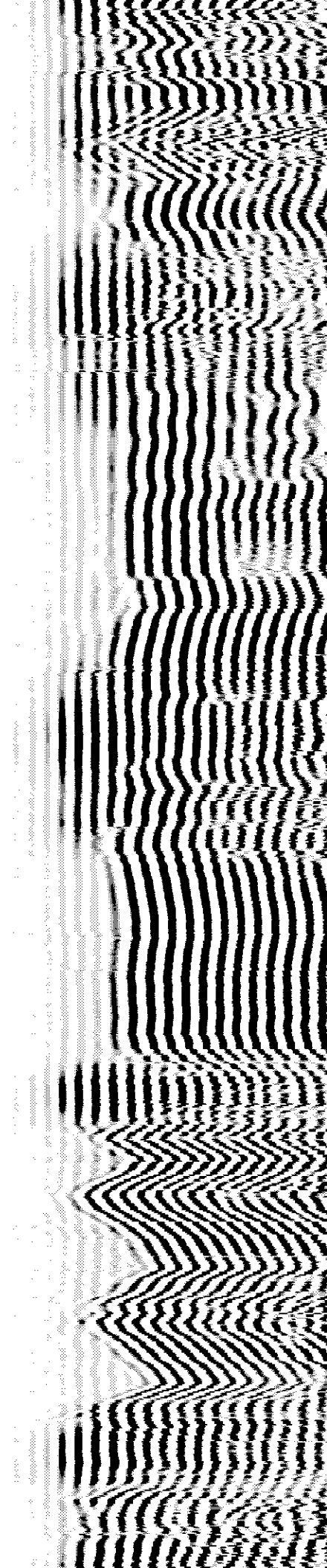
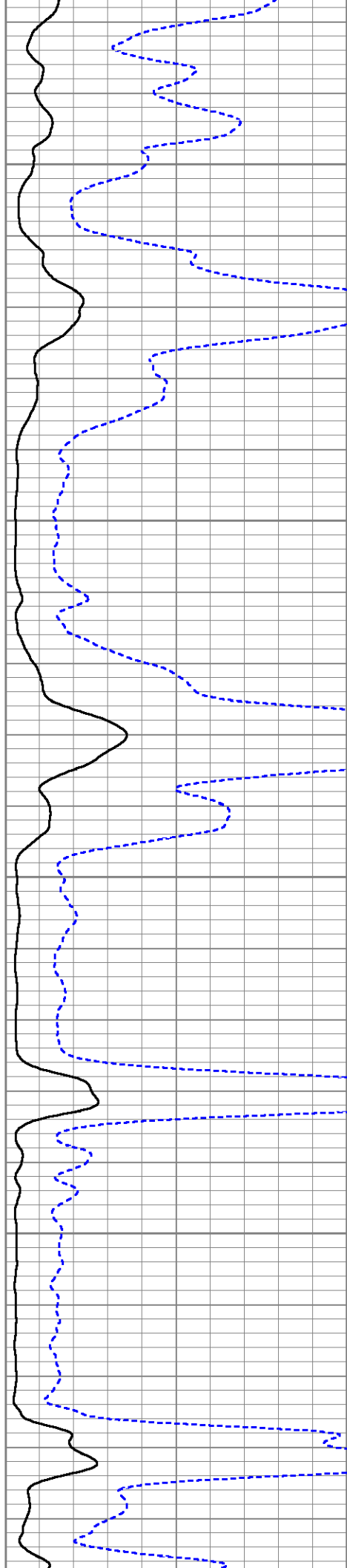


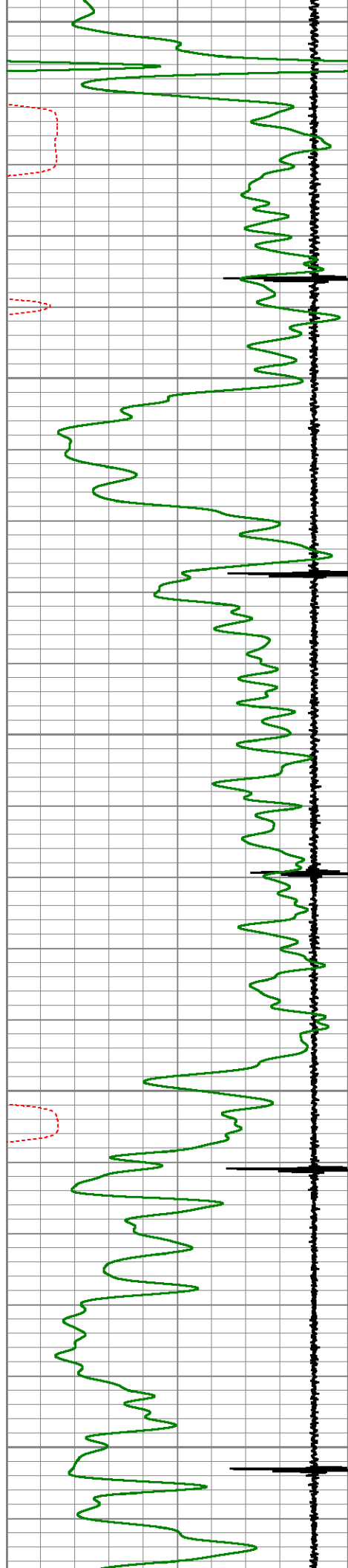
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4150

4200

4250





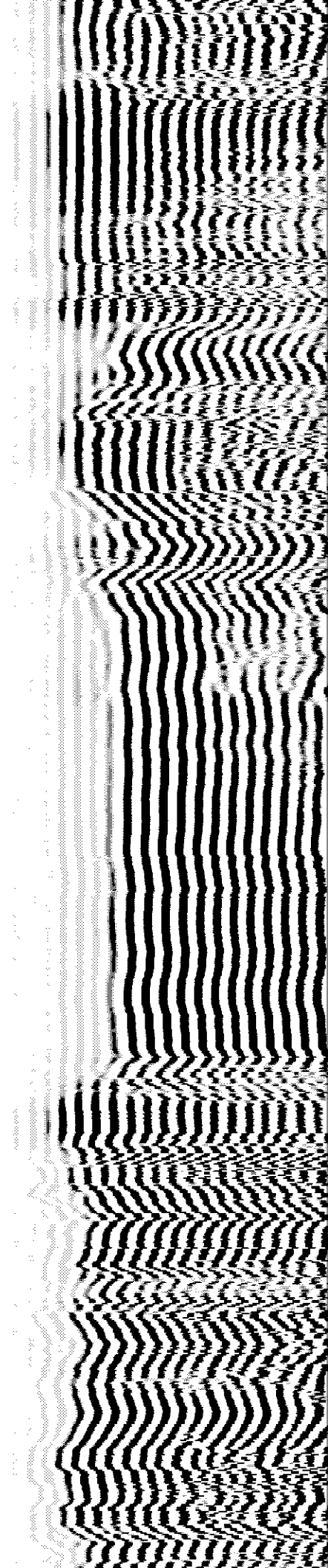
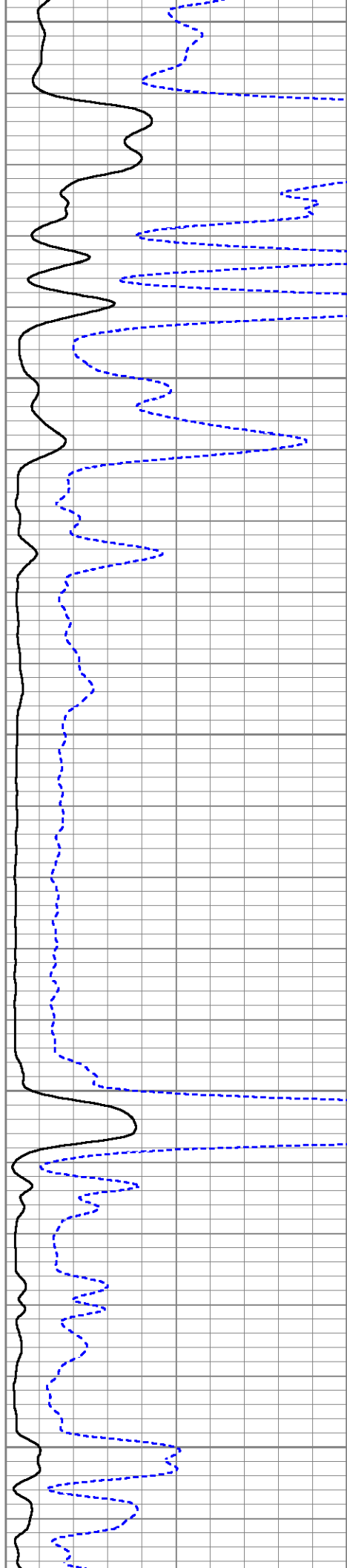
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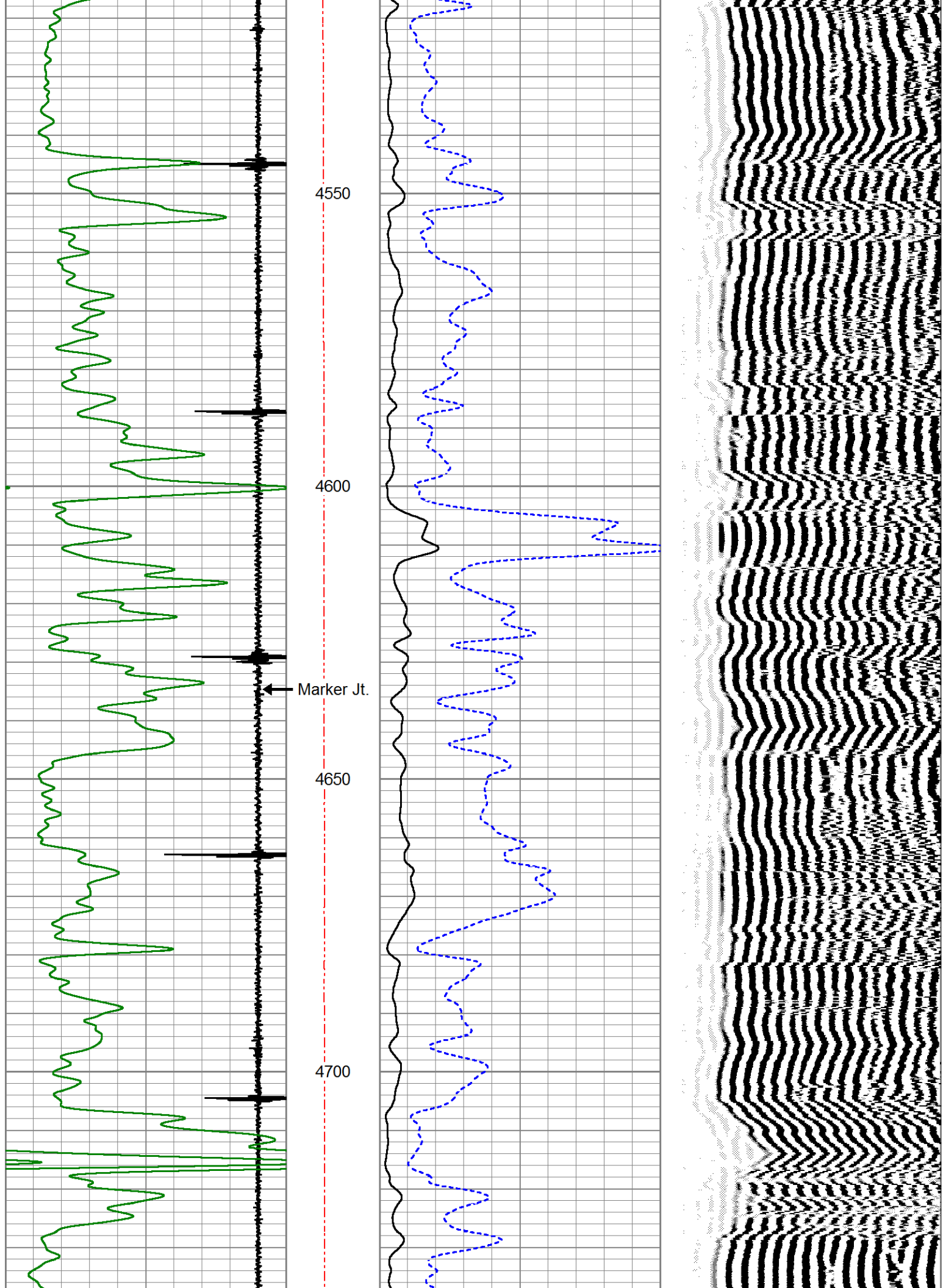
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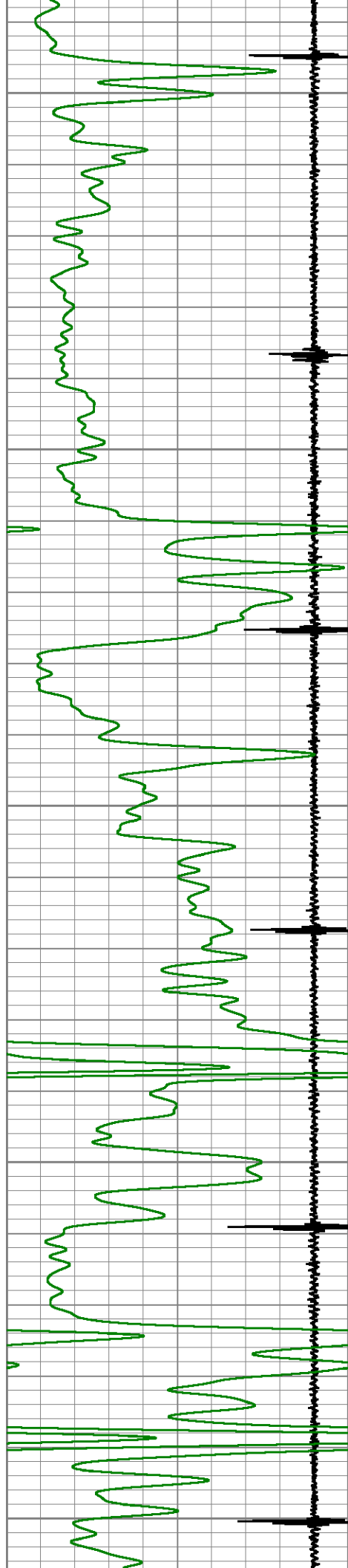
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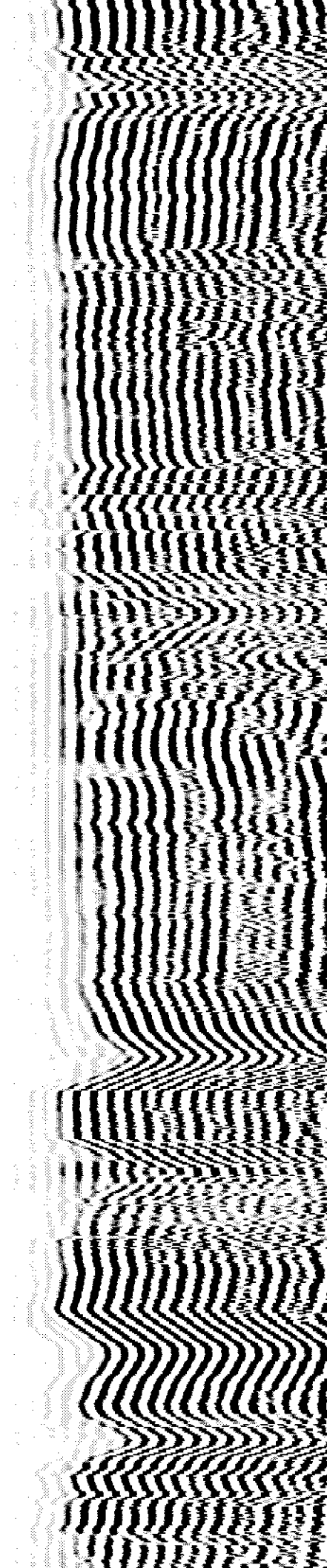
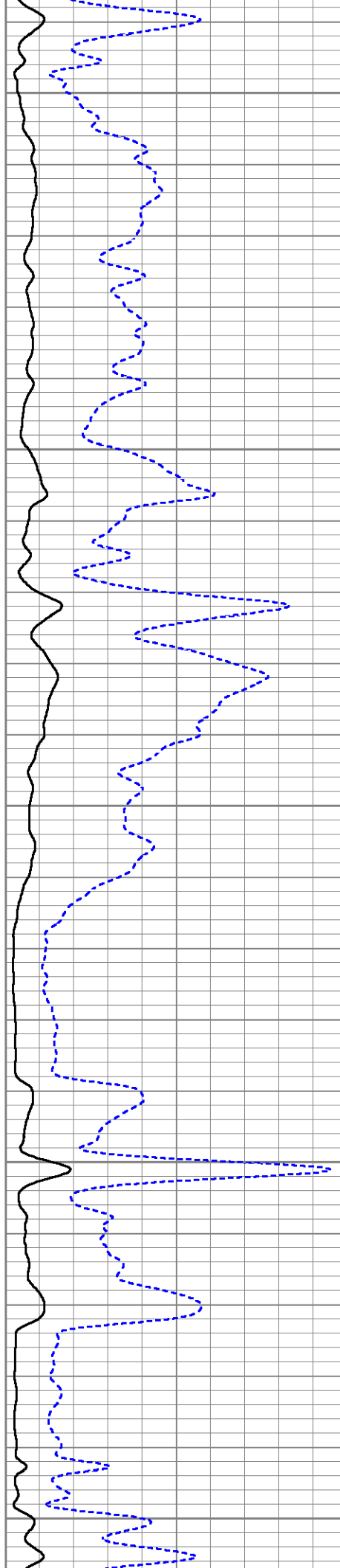
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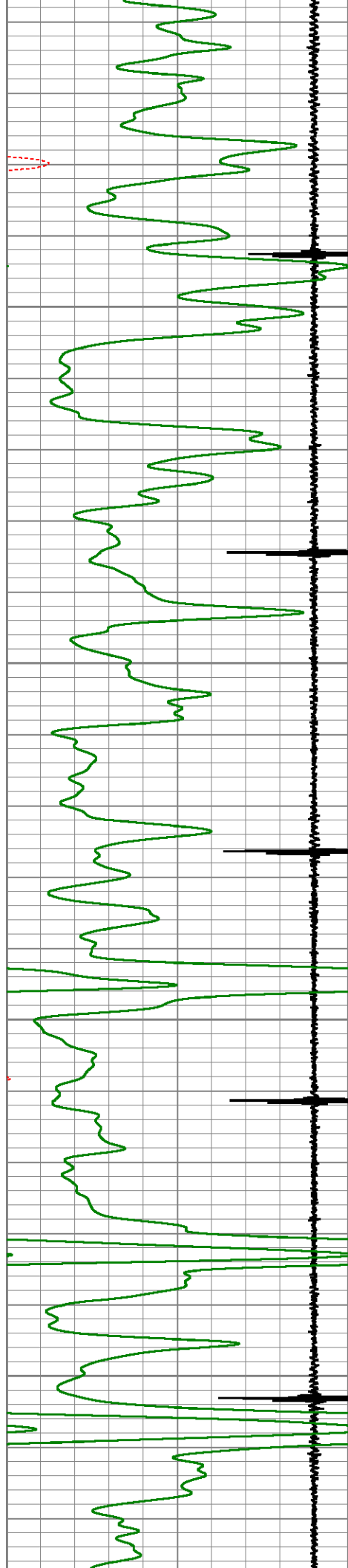
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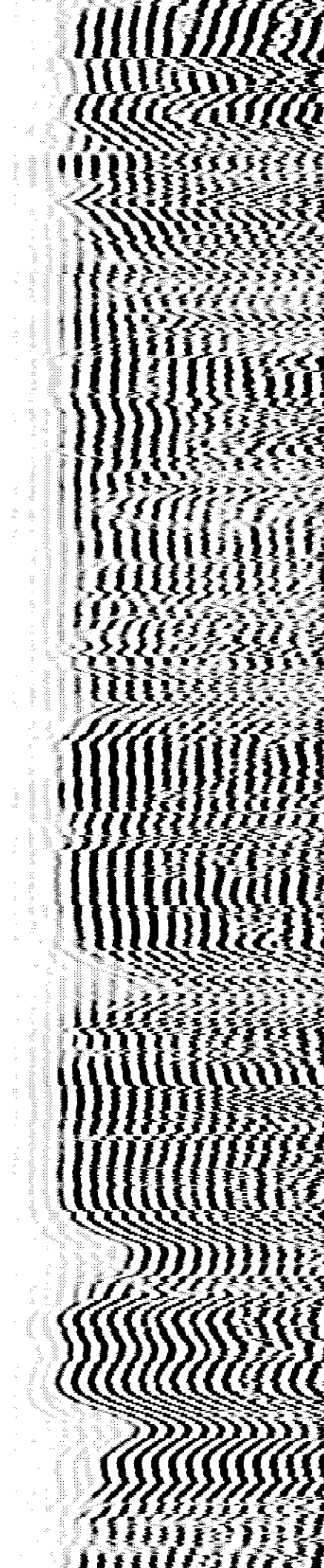
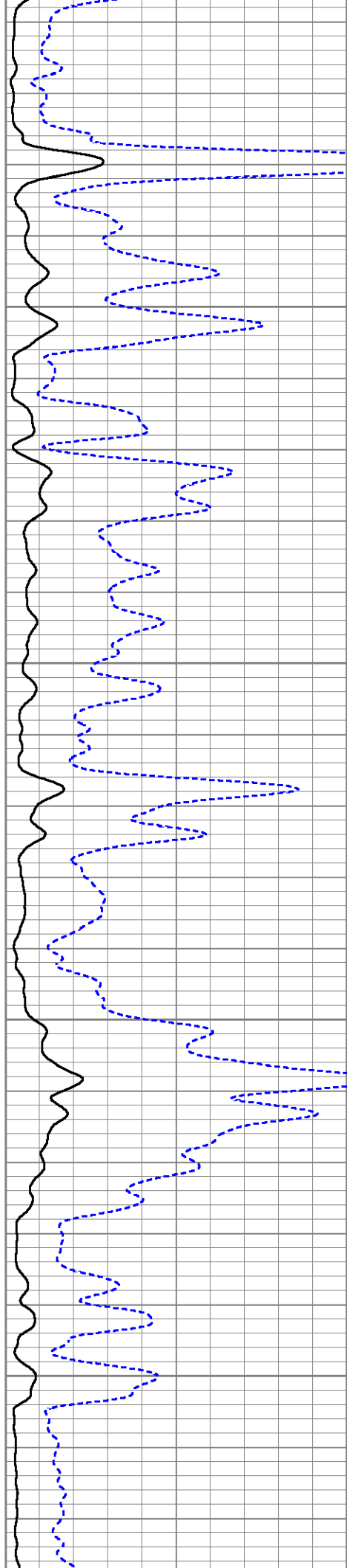


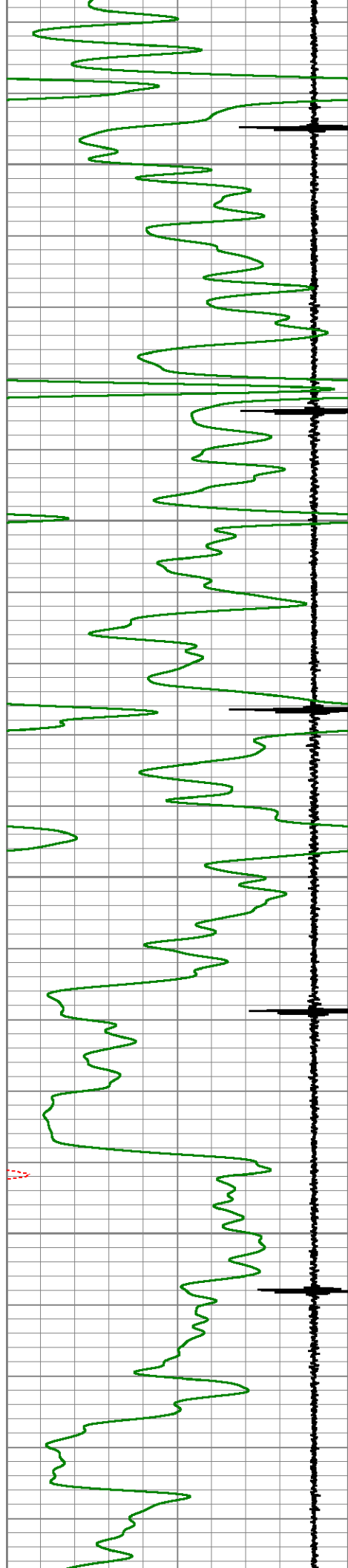
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5100

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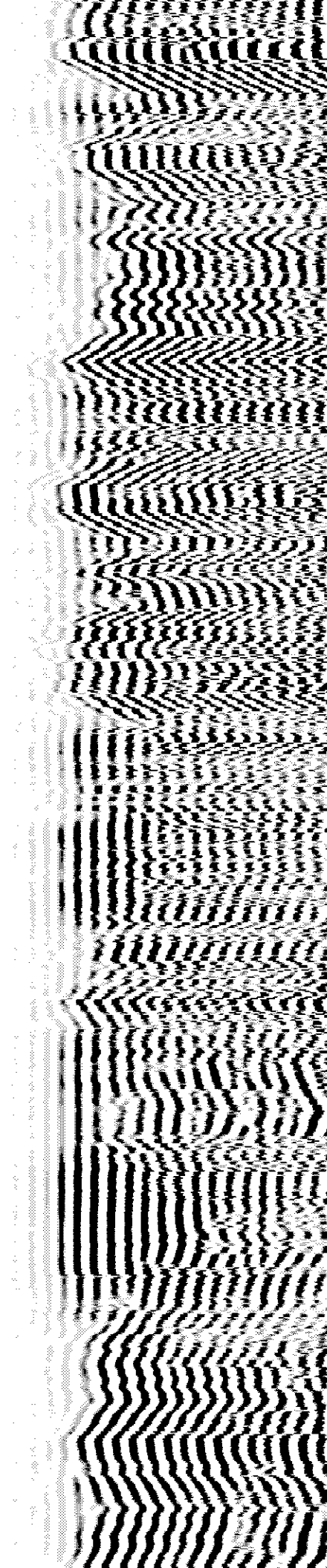
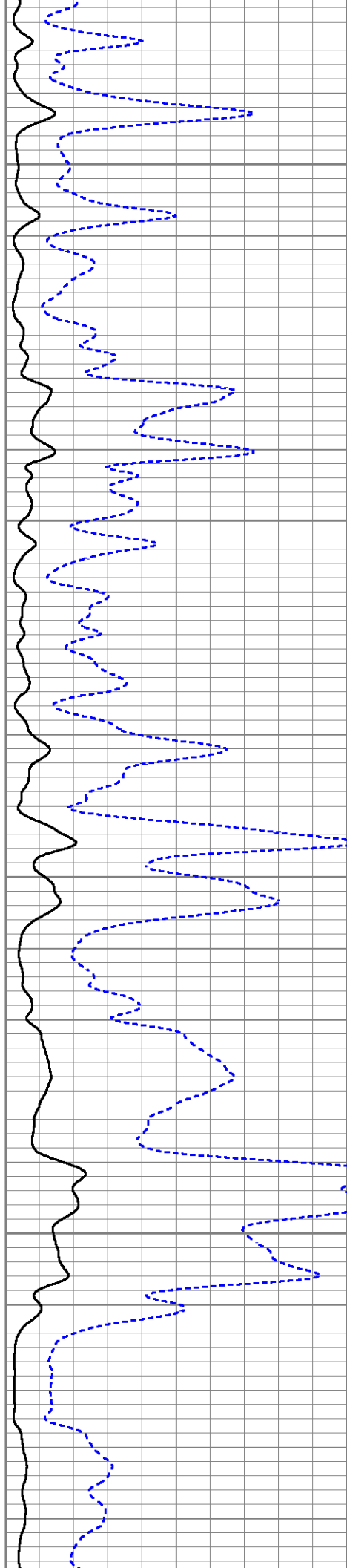


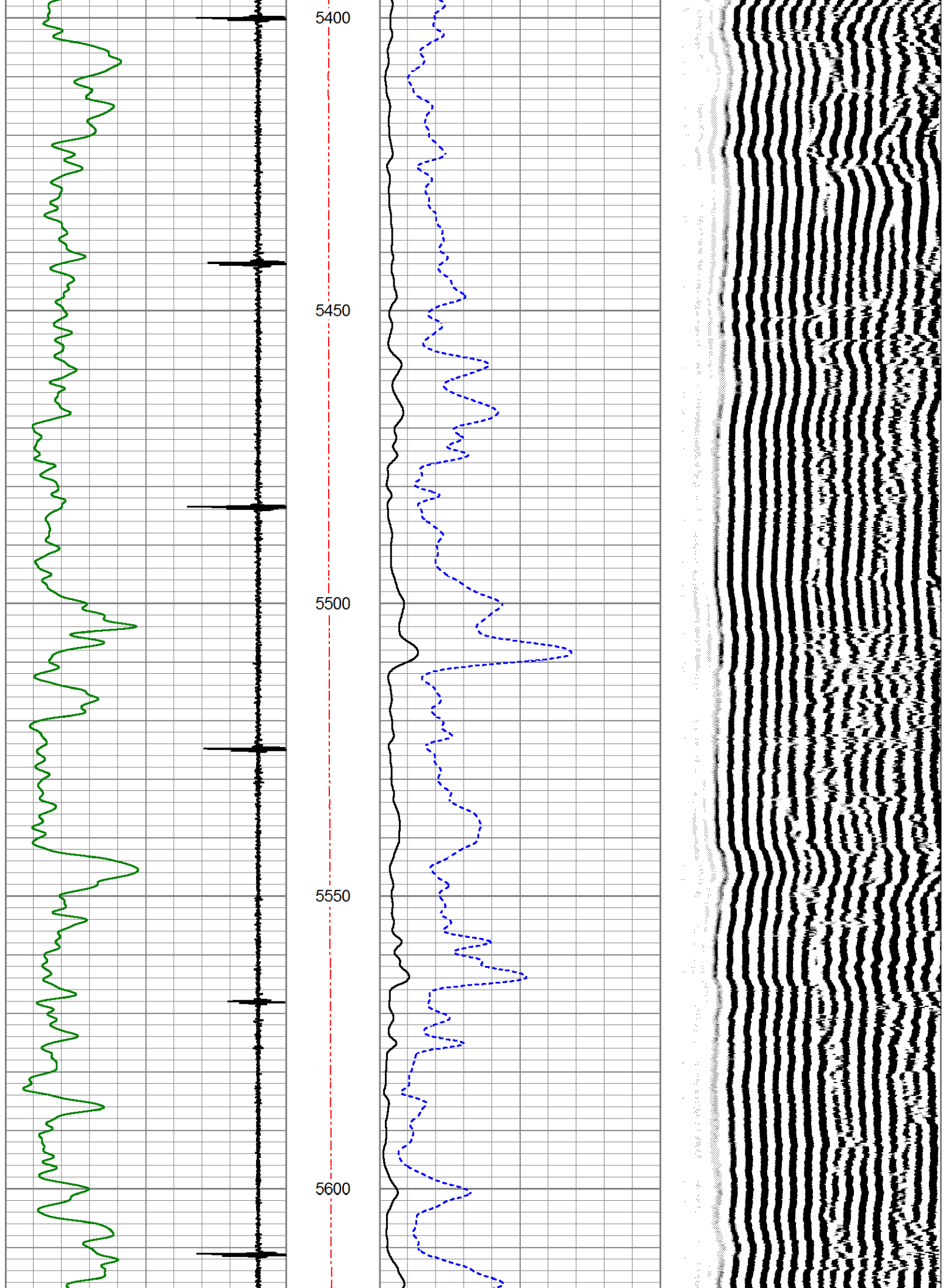
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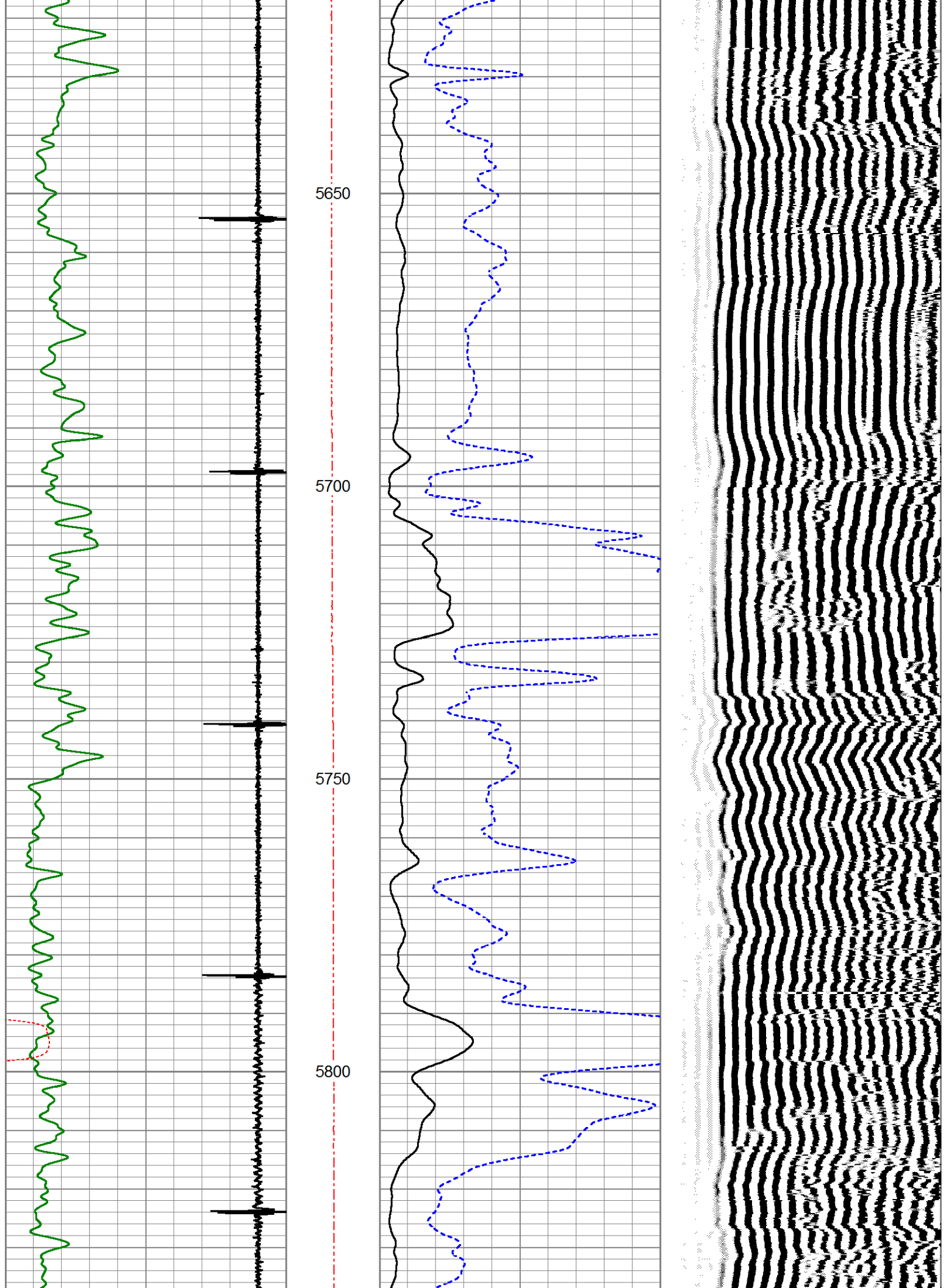
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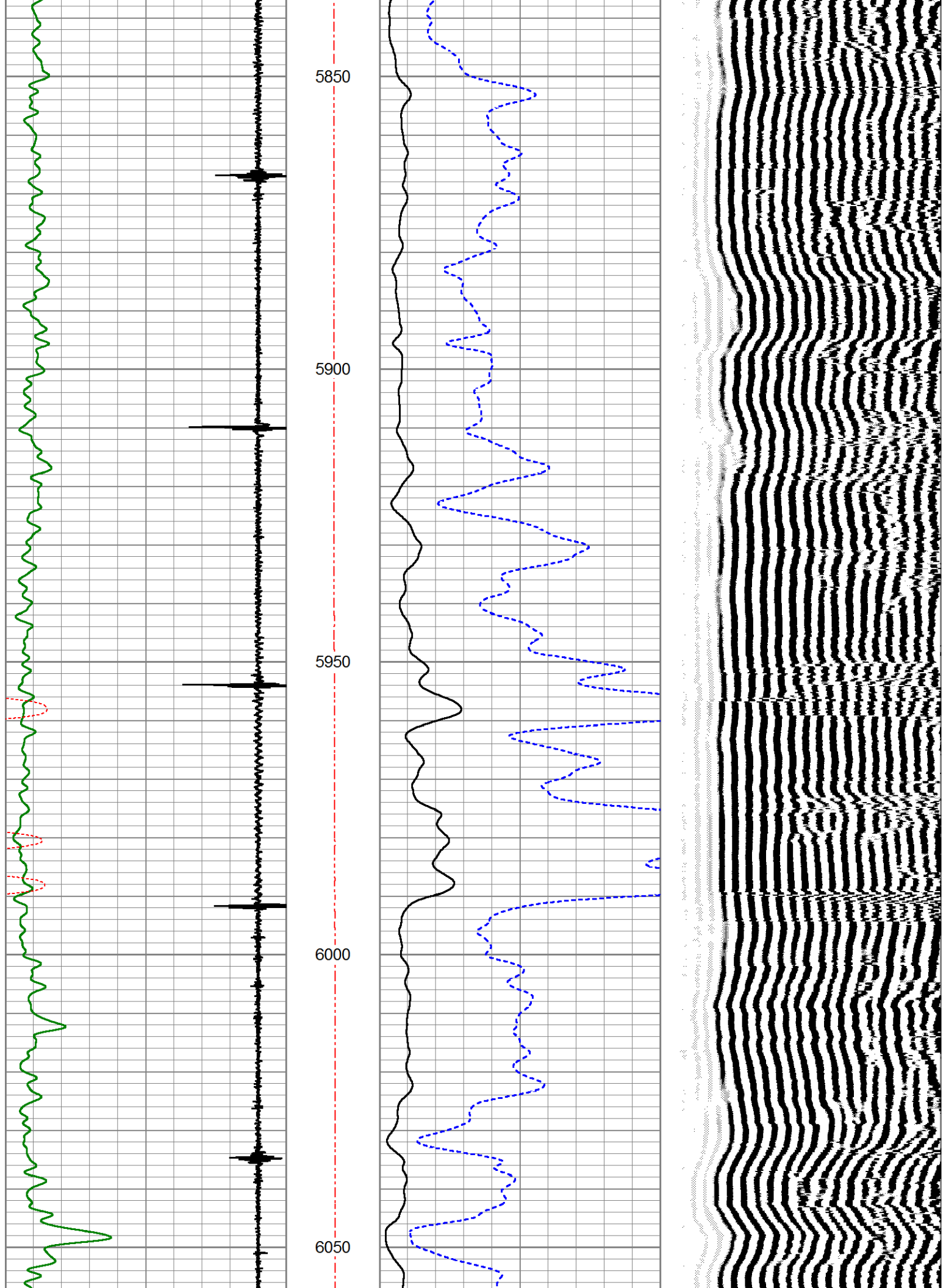
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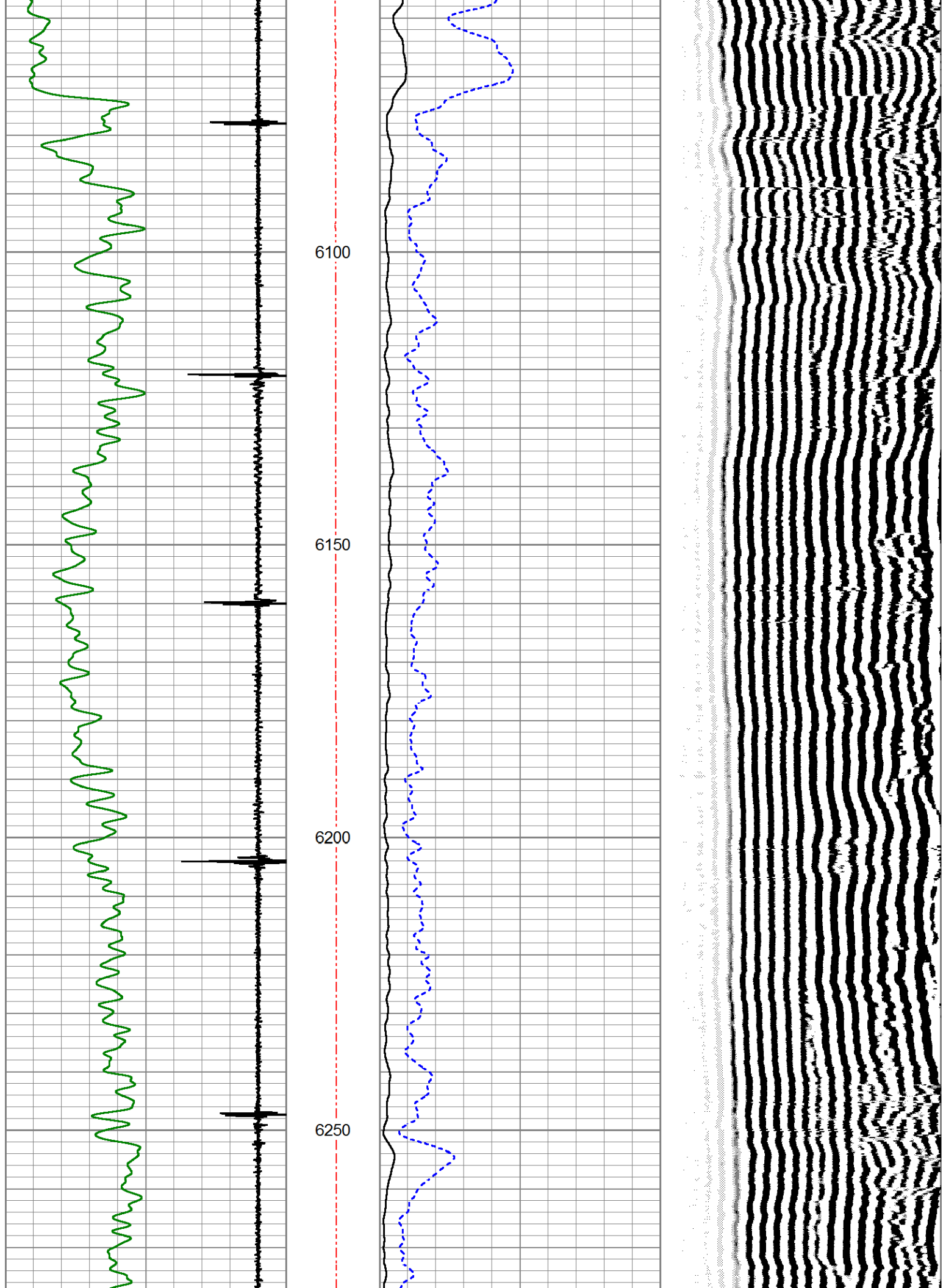
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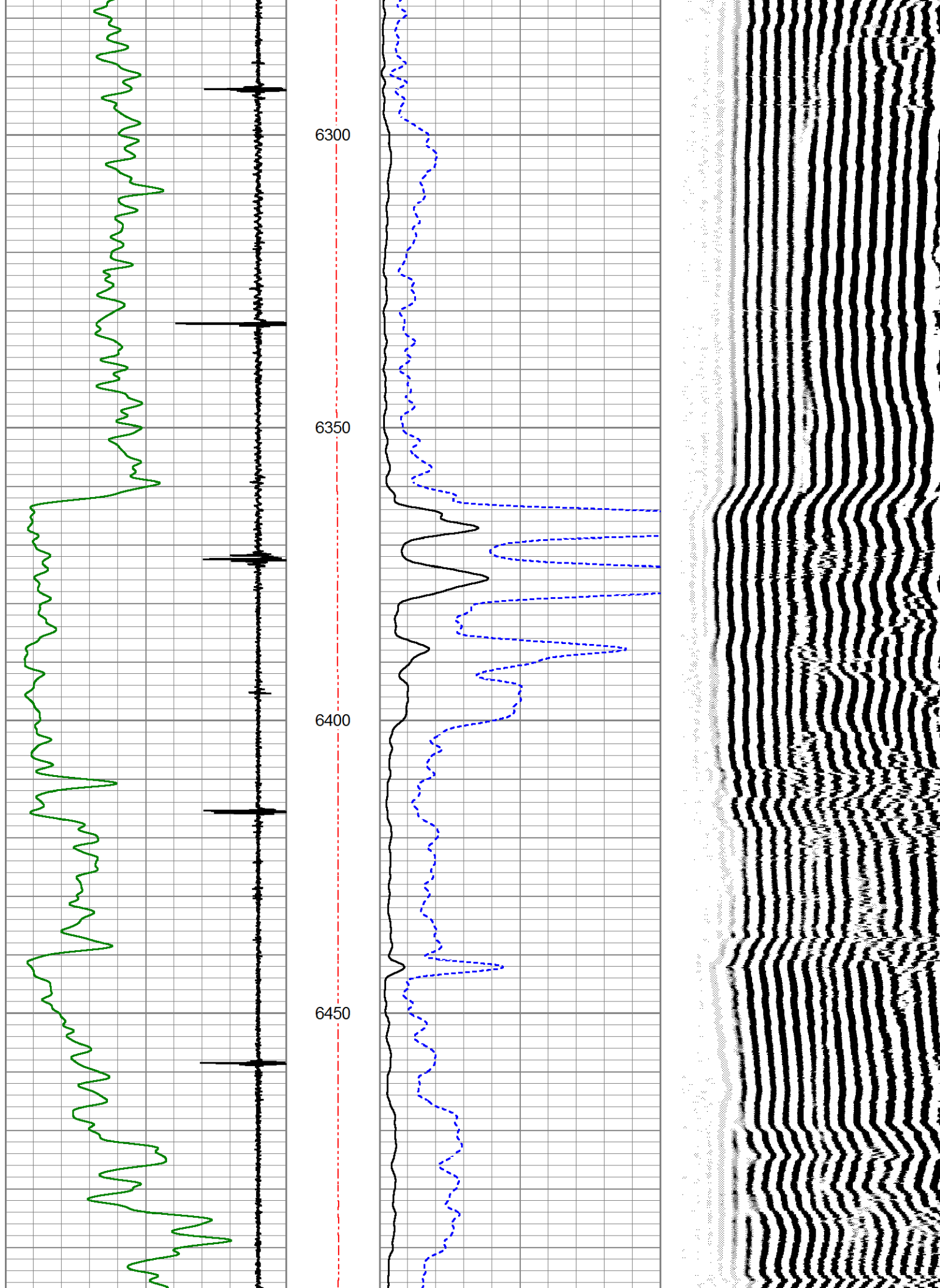


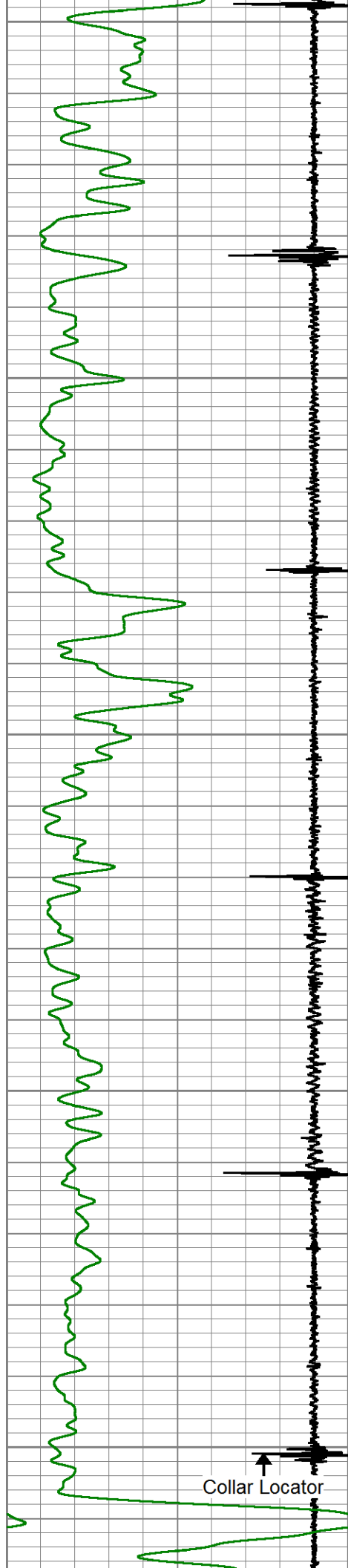




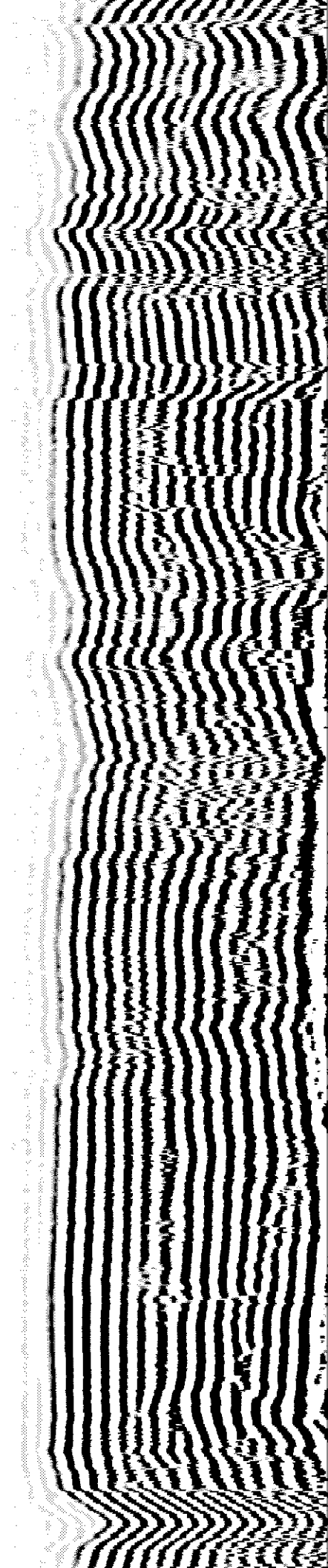
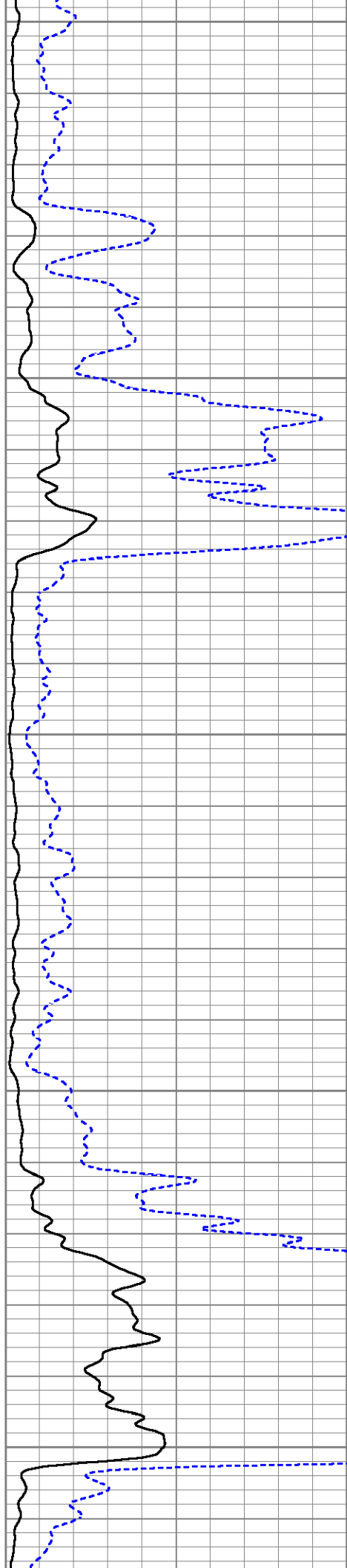


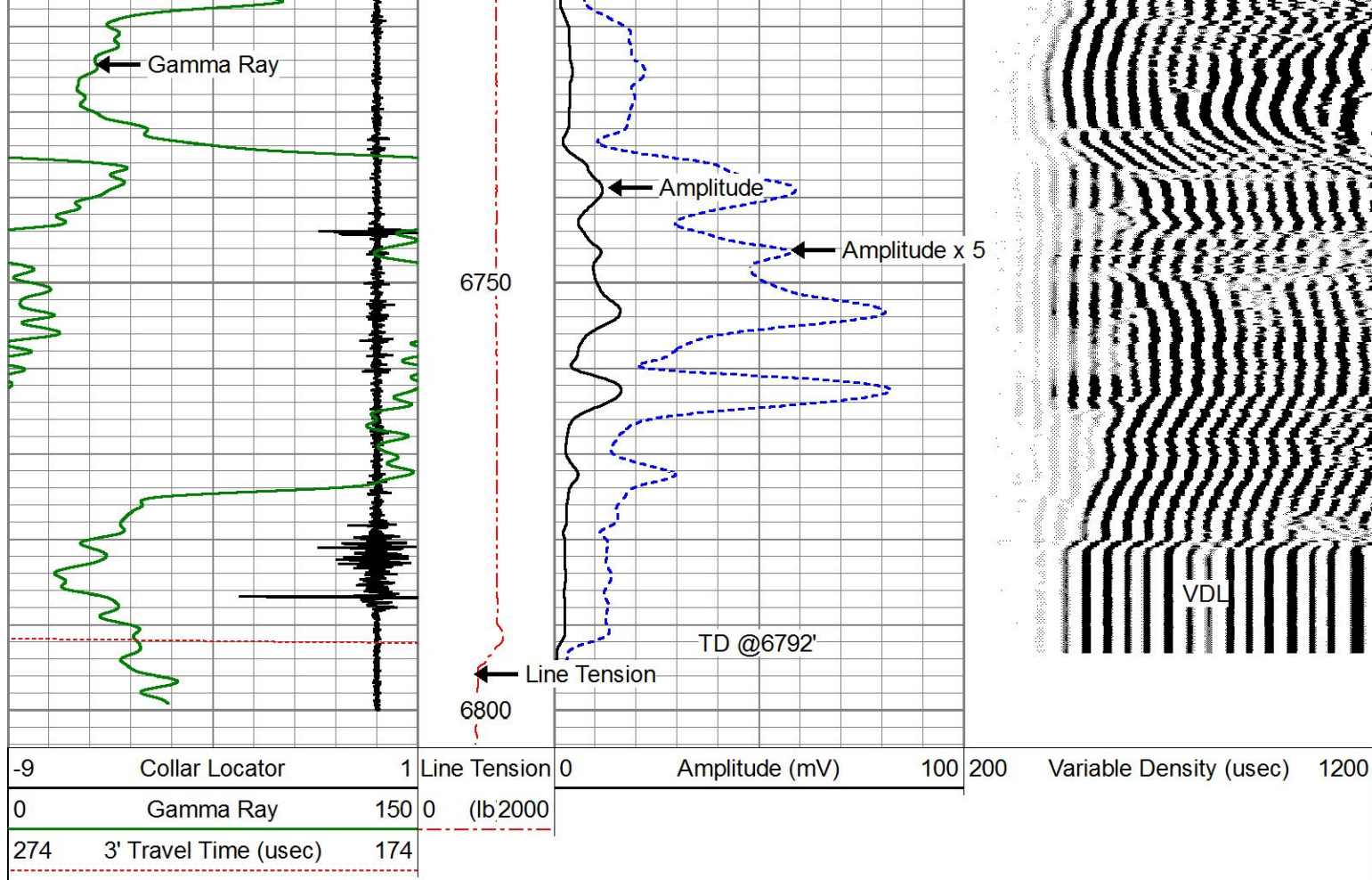






6500
6550
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6700



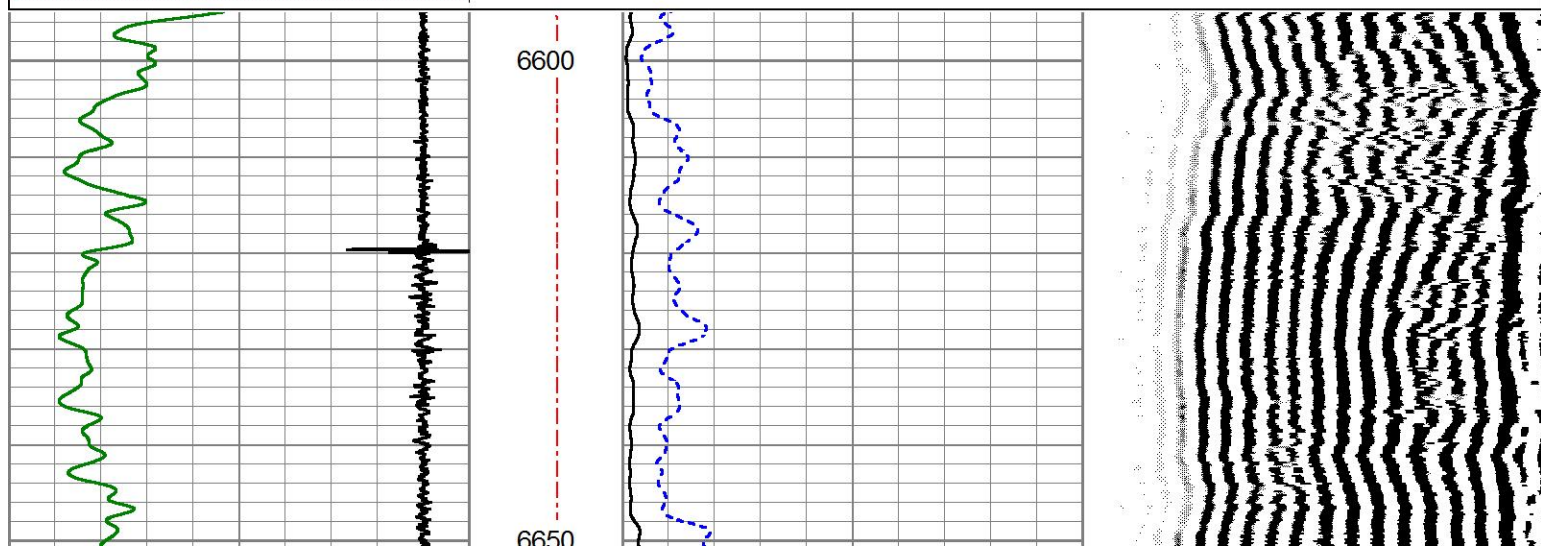
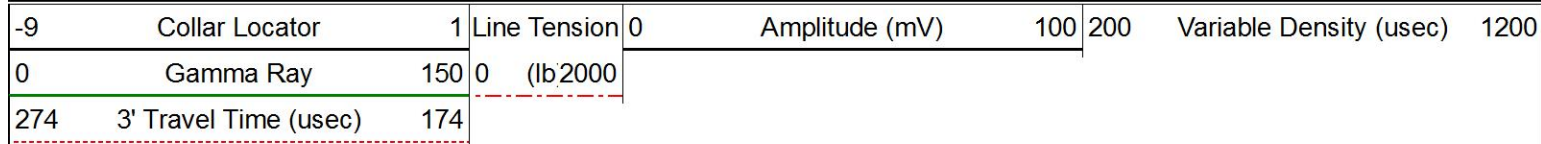


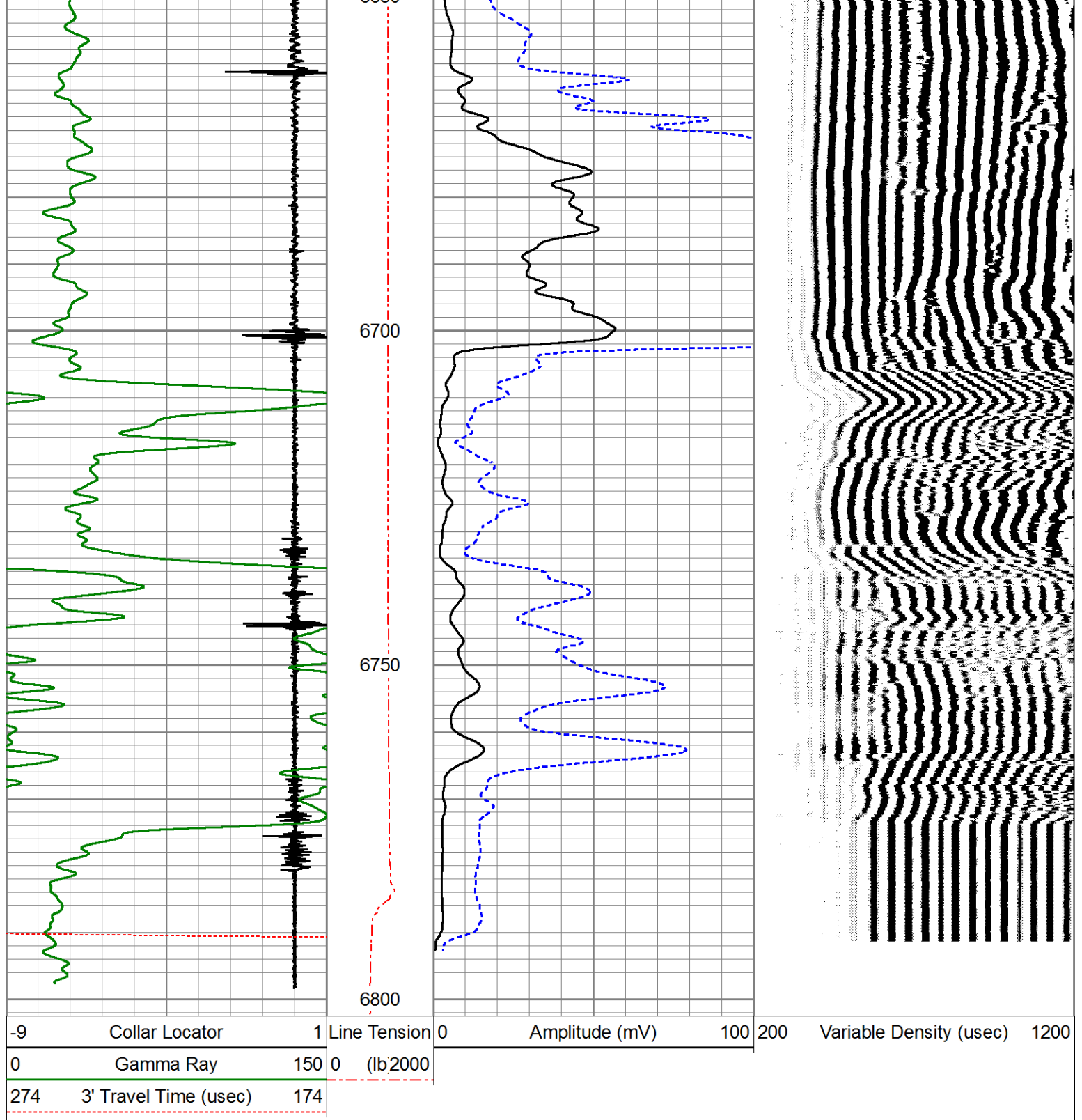
MIDWEST WIRELINE

REPEAT SECTION

ZERO PSI APPLIED AT SURFACE

Database File becker_folks_#1_cbl.db
 Dataset Pathname pass4
 Presentation Format pinr_cbl
 Dataset Creation Tue Jun 08 09:29:18 2021
 Charted by Depth in Feet scaled 1:240





Calibration Report

Database File becker_folks_#1_cbl.db
 Dataset Pathname pass7.1
 Dataset Creation Tue Jun 08 11:00:49 2021

Gamma Ray Calibration Report

Serial Number: 060802
 Tool Model: 2 3/4" Probe
 Performed: Tue May 11 17:37:17 2021

Calibrator Value: 1.0

Background Reading: 0.0 cps

Calibrator Reading: 1.0 cps
Sensitivity: 0.9000 /cps

Segmented Cement Bond Log Calibration Report

Serial Number: PR-012
Tool Model: RBL-D
Calibration Casing Diameter: 5.500 in
Calibration Depth: 3281.735 ft

Master Calibration, performed Tue Jun 08 09:12:27 2021:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.002	1.778	0.700	71.921	40.098	0.624
CAL	-0.000	2.204				
5'	0.002	1.590	0.700	71.921	44.846	0.620
SUM						
S1	0.029	1.822	0.000	100.000	55.783	-1.623
S2	0.002	1.823	0.000	100.000	54.915	-0.104
S3	0.002	1.782	0.000	100.000	56.191	-0.127
S4	0.002	1.731	0.000	100.000	57.844	-0.109
S5	0.002	1.673	0.000	100.000	59.831	-0.127
S6	0.002	1.660	0.000	100.000	60.299	-0.119
S7	0.002	1.698	0.000	100.000	58.976	-0.127
S8	0.002	1.797	0.000	100.000	55.729	-0.117

Air Zero Calibration, performed Tue Jun 08 08:54:12 2021:

	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	



Company: Becker Oil Corporation
Well: Folks #1
Field: Ashland Northeast
County: Clark
State: Kansas