

CEMENT BOND LOG

FIELD COPY

Company	BILL BARRETT CORPORATION		
Well	SCHIRER 13B-26-692		
Field	MAMM CREEK		
County	GARFIELD	State	CO
API No.:	05-045-14919	Serial#:	5973482
Location:	SURFACE LOCATION: 1049' FSL & 457' FWL		
	BOTTOM HOLE LOCATION: 1807' FSL & 664' FWL		
	GR		

BOTTOM HOLE LOCATION
1807' FSL & 664' FWL

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Sec: 26 Twp: 6S Rge: 92W

GROUND LEVEL Elevation

Elevation

Permanent Datum
Log Measured From
Drilling Measured From

UNE-2008 @ 14:15

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PREFACE

Page 1 of 1

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N/A	N/A

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RFACE	TD
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HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF.

Comments

THANK YOU FOR USING HALLIBURTON ENERGY SERVICES ROCK SPRINGS WY, 307-352-8600

LOG CORRELATED TO WEATHERFORD COMPENSATED DUAL NEUTRON LOG DATED:24-MAY-2008

SHORT JOINT'S: (6923-6951), (5138-5167)

RIG: HES CRANE

YOUR CREW TODAY: J. CLUTTER, A. FULGHUM, D. MURRAY

Service Ticket No. 5973482

API No.

05-045-14919

PGM Ver

WARRIOR 7.0

The Well Name, Location, Borehole Description, and / or Cementing Data Furnished by Client

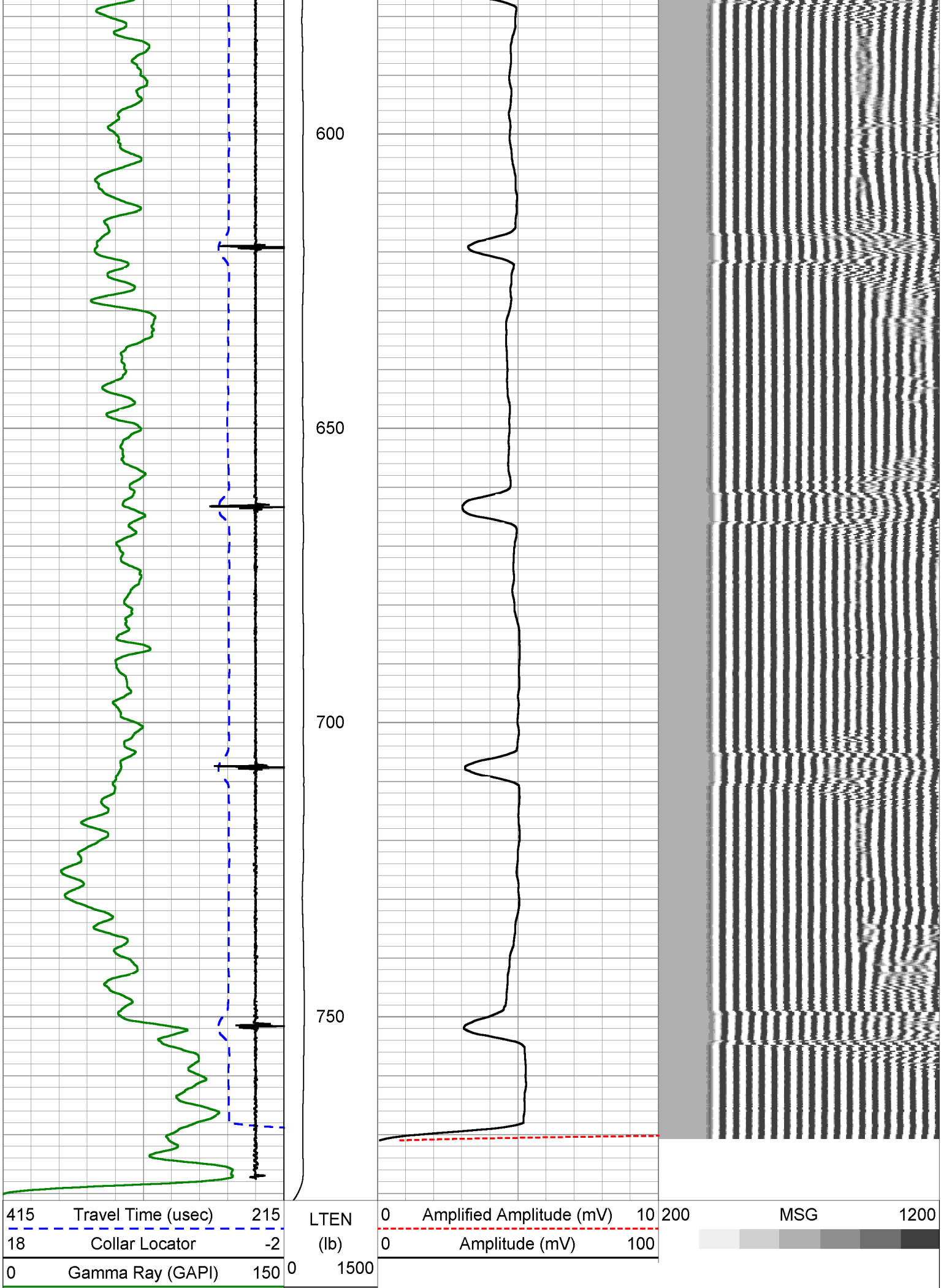
EQUIPMENT DATA

CBT		GR/CCL					
Run No.	ONE	Run No.	ONE	Run No.		Run No.	
Serial No.	070374	Serial No.	070359	Serial No.		Serial No.	
Model No.	CBT	Model No.	GR	Model No.		Model No.	
Diameter	2.75	Diameter	2.75	Diameter		Diameter	
LOGGING DATA							
General Data							
Pass	Depths		Well Head	Speed	Logging Run Comments		
No.	From	To	Pressure	Ft/Min			
ONE	TD	6890	0	65	REPEAT SECTION		
ONE	TD	SURFACE	0	65	MAIN PASS		
	GR		AMP		TT		MSG
Pass	Scale		Scale		Scale		Scale
No.	L	R	L	R	L	R	L
ONE	0	150	0	10	415	215	200
			0	100			
DIRECTIONAL INFORMATION							
Maximum Deviation			deg. @		KOP		

Log Variables		Database:C:\Warrior\Data\bb_schirer_13b_26_692_cbl.db Dataset: field/well/run1/main_pass					
Top - Bottom							
PPT usec 0	MAXAMPL mV 0	MINAMPL mV 1	MINATTN db/ft 0.8	CASEOD in 4.5	PERFS 0	TDEPTH ft 0	
BOTTEMP degF 100	BOREID in 7.875						

HALLIBURTON		FREE PIPE PASS					
		5"=100'					
Database File:		bb_schirer_13b_26_692_cbl.db					
Dataset Pathname:		freepipe_					
Presentation Format:		montanac					
Dataset Creation:		Sun Jun 22 13:42:54 2008 by Log Halliburton Casedho					
Charted by:		Depth in Feet scaled 1:240					
415	Travel Time (usec)	215	LTEN	0	Amplified Amplitude (mV)	10	200
18	Collar Locator	-2	(lb)	0	Amplitude (mV)	100	MSG
0	Gamma Ray (GAPI)	150	0	1500			





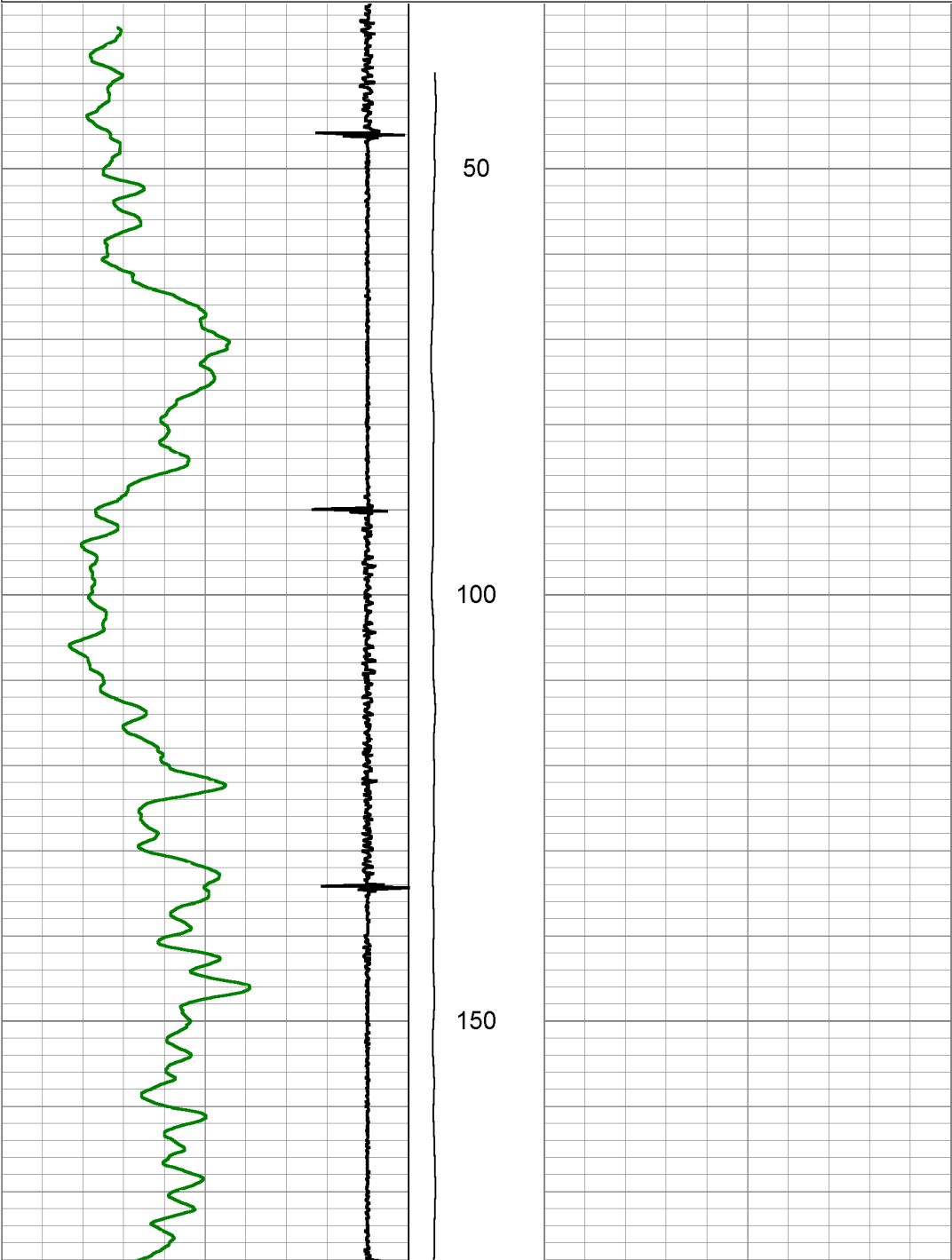


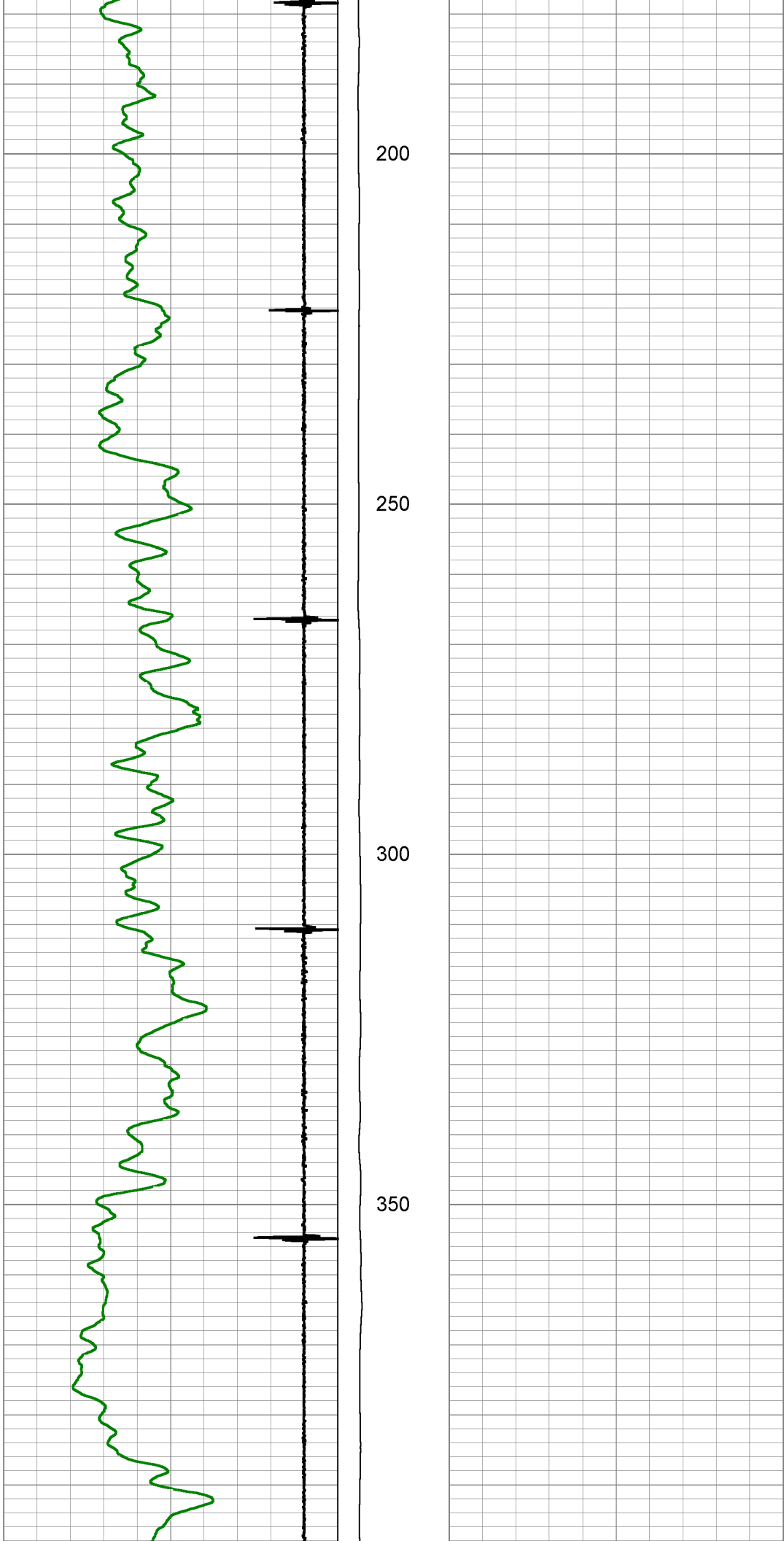
MAIN PASS

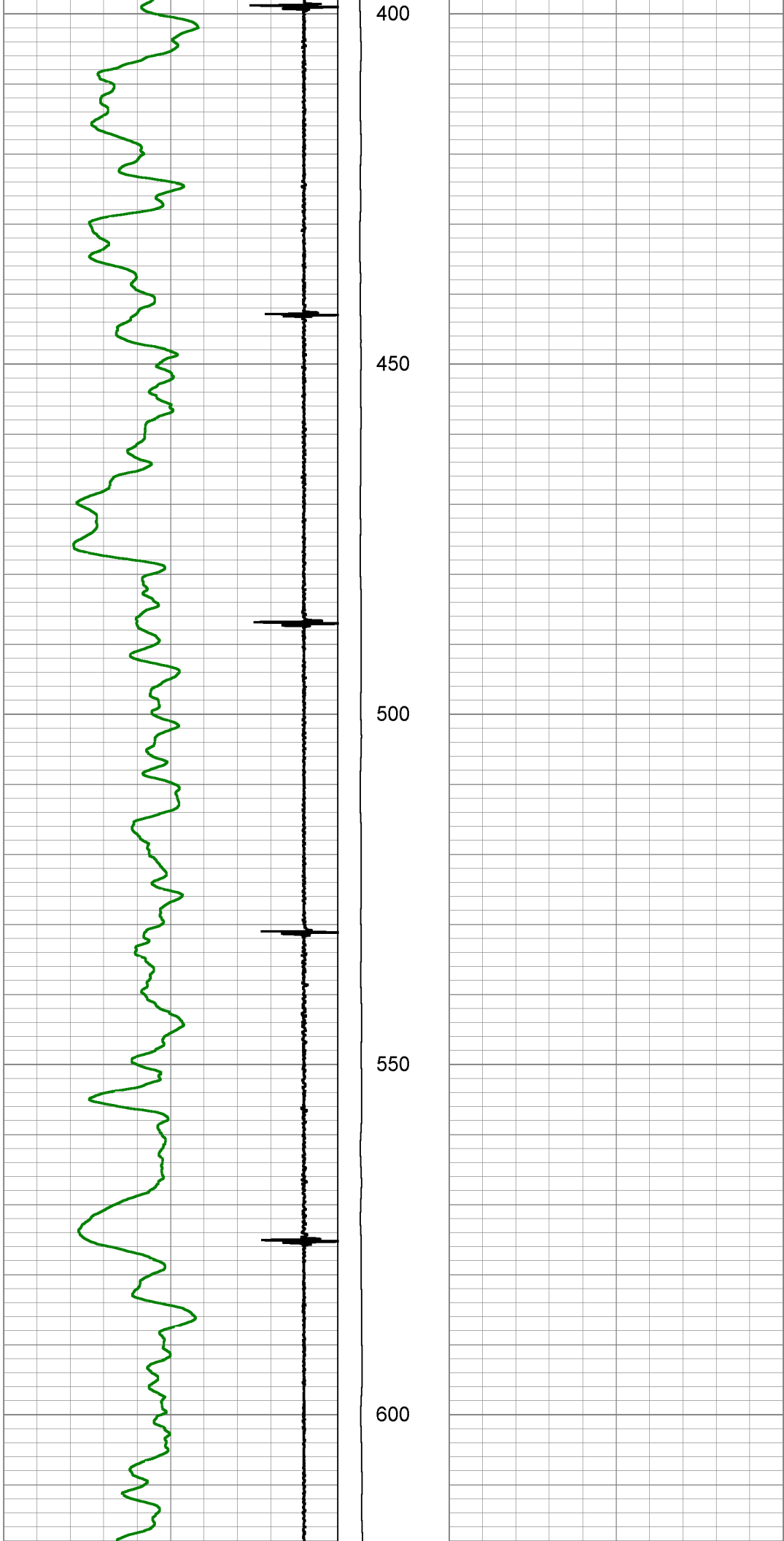
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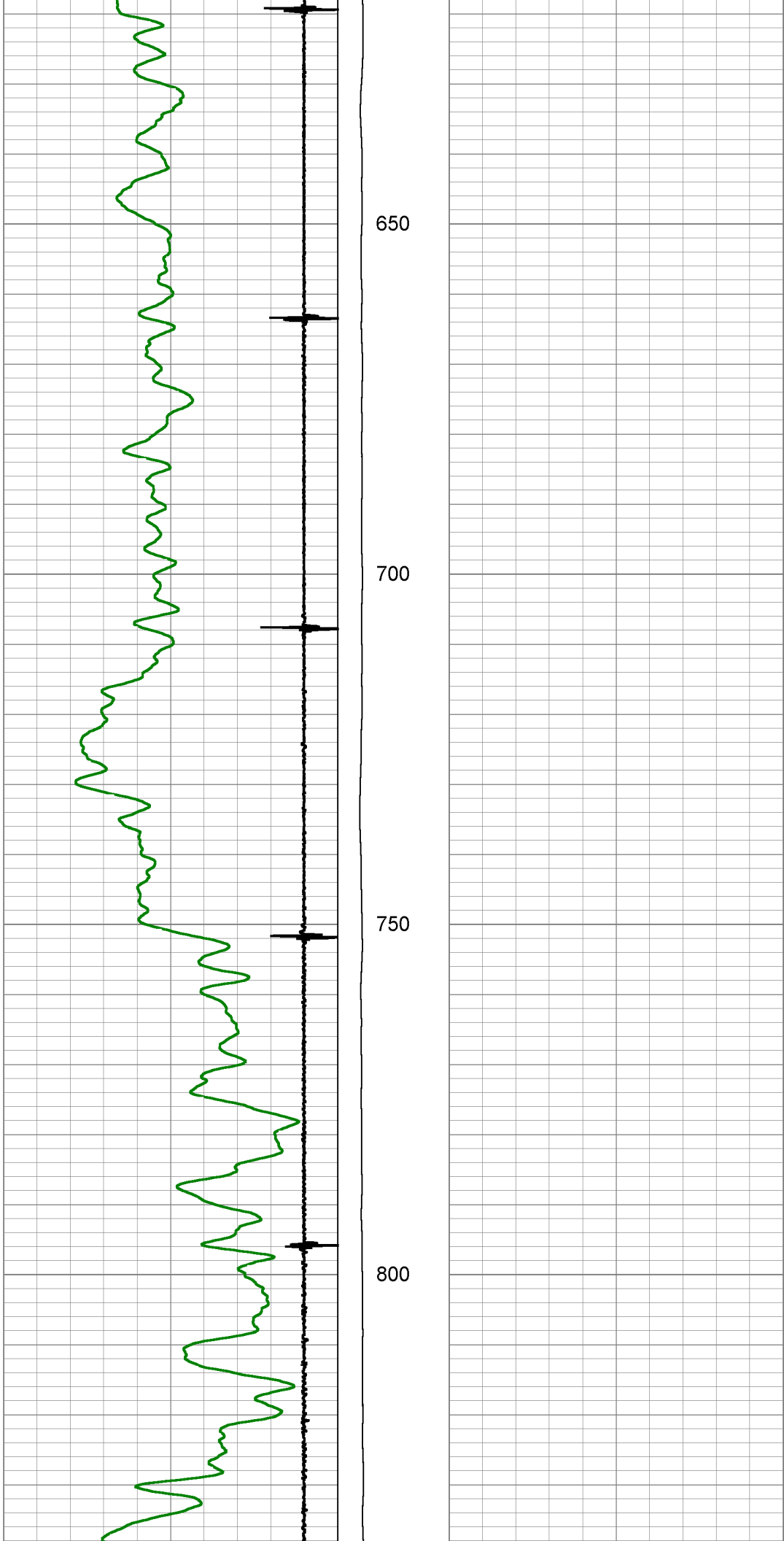
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Dataset Pathname:		final_pass	
Presentation Format:		montanac	
Dataset Creation:		Sun Jun 22 16:06:48 2008	
Charted by:		Depth in Feet scaled 1:240	

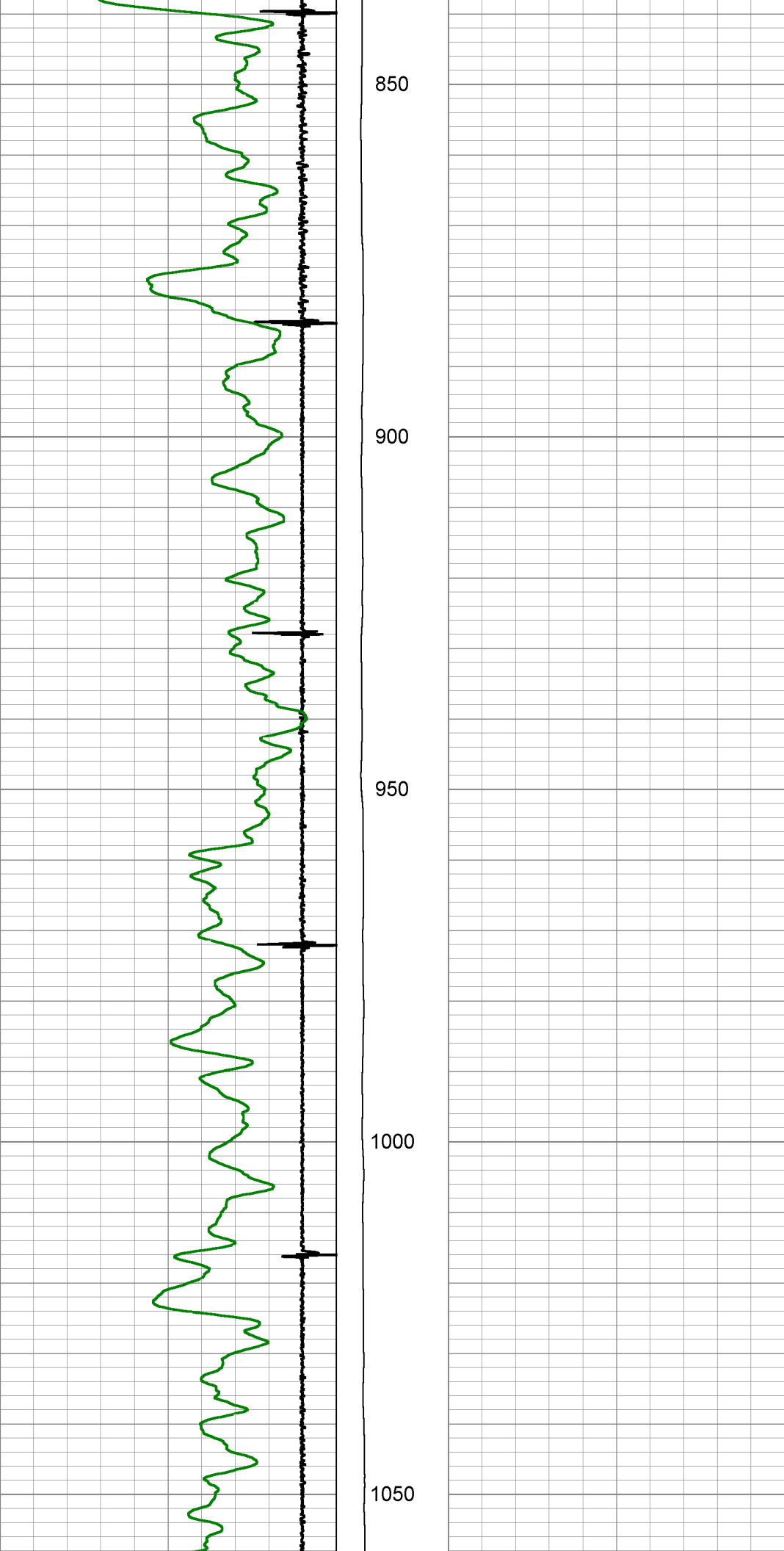
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18	Collar Locator	-2	(lb)	0	Amplitude (mV)	100			
0	Gamma Ray (GAPI)	150	0	1500					

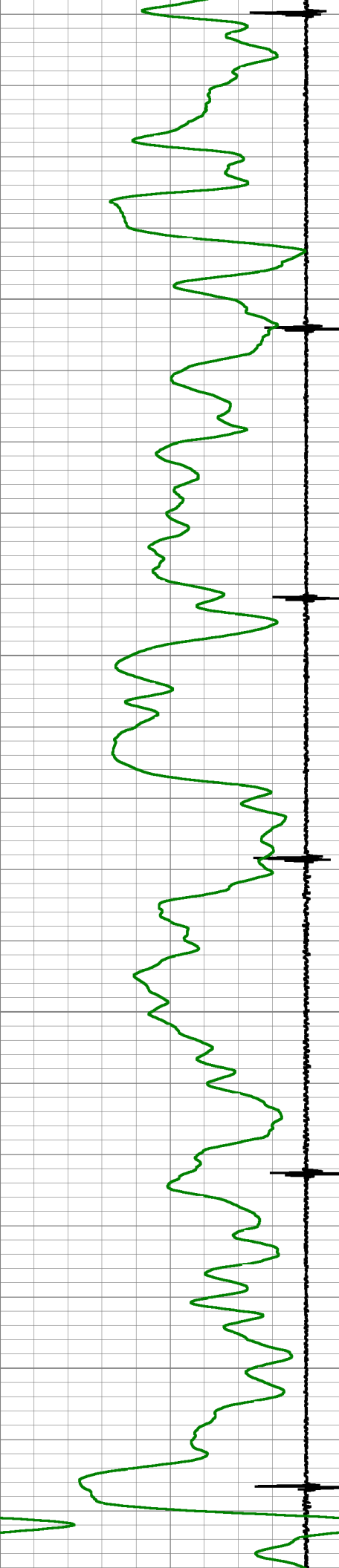










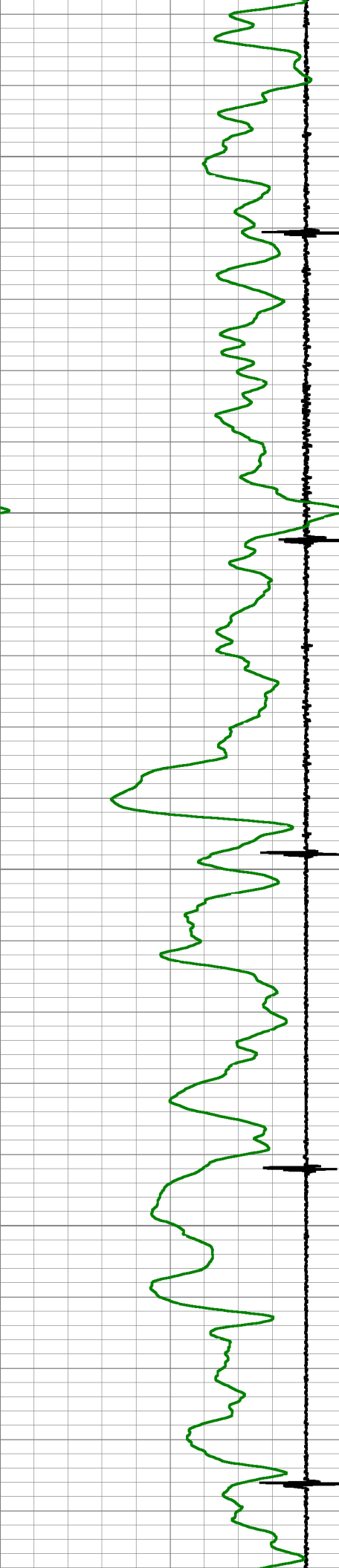


1100

1150

1200

1250



1300

1350

1400

1450



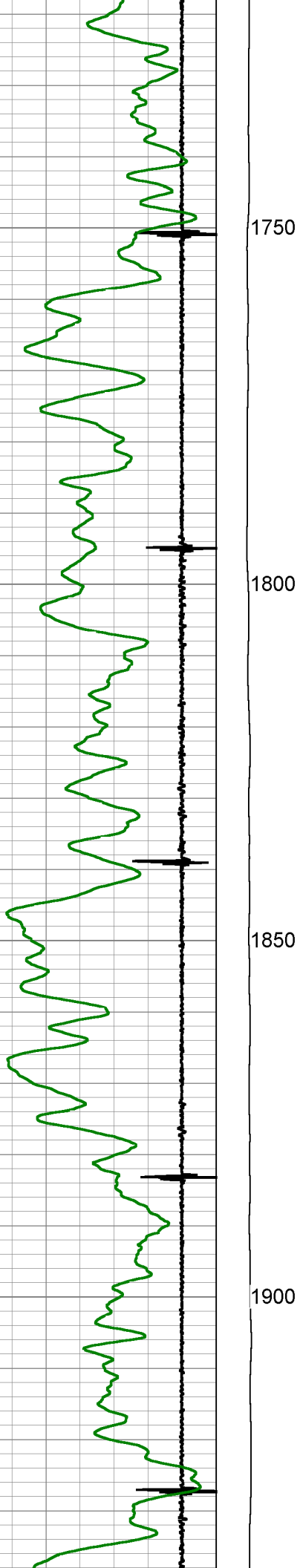
1500

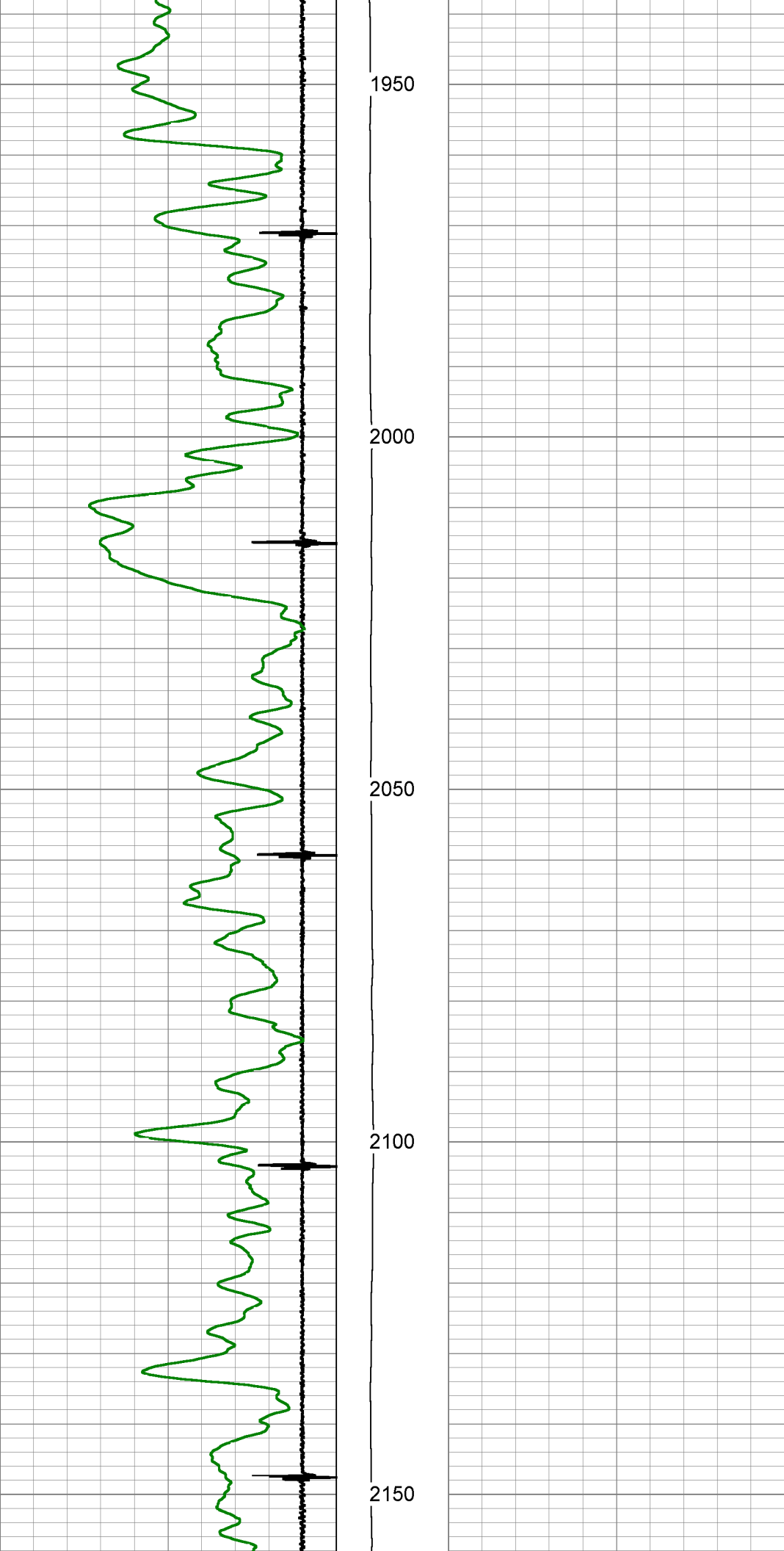
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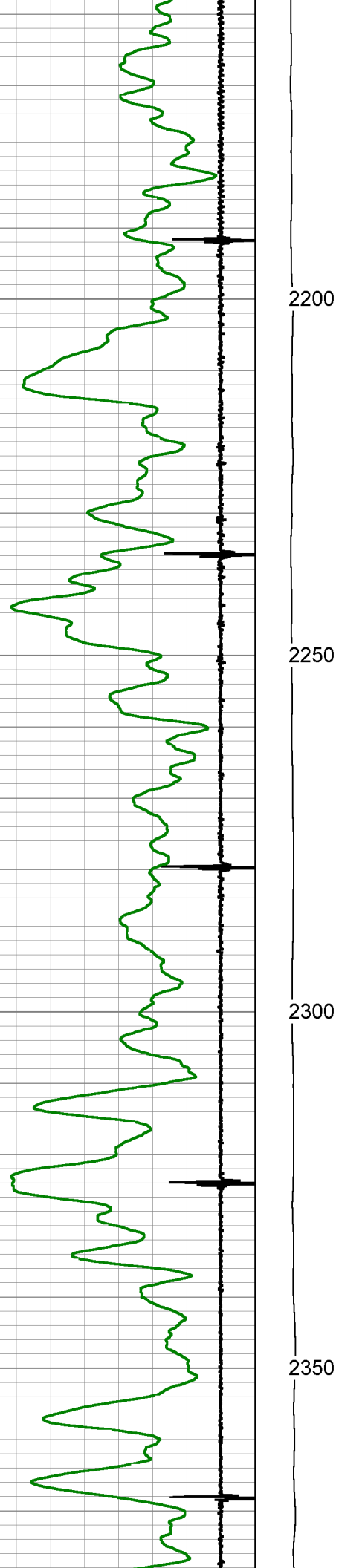
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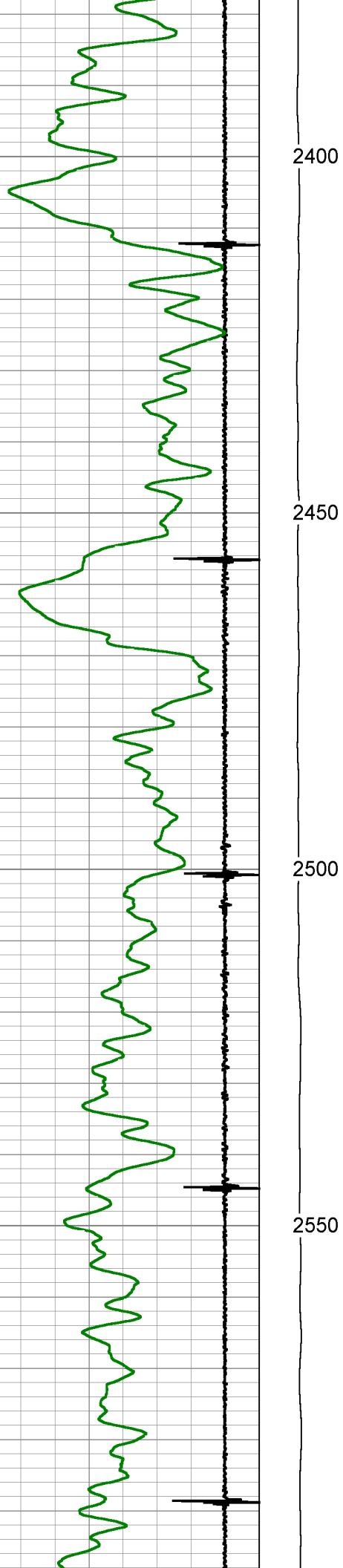
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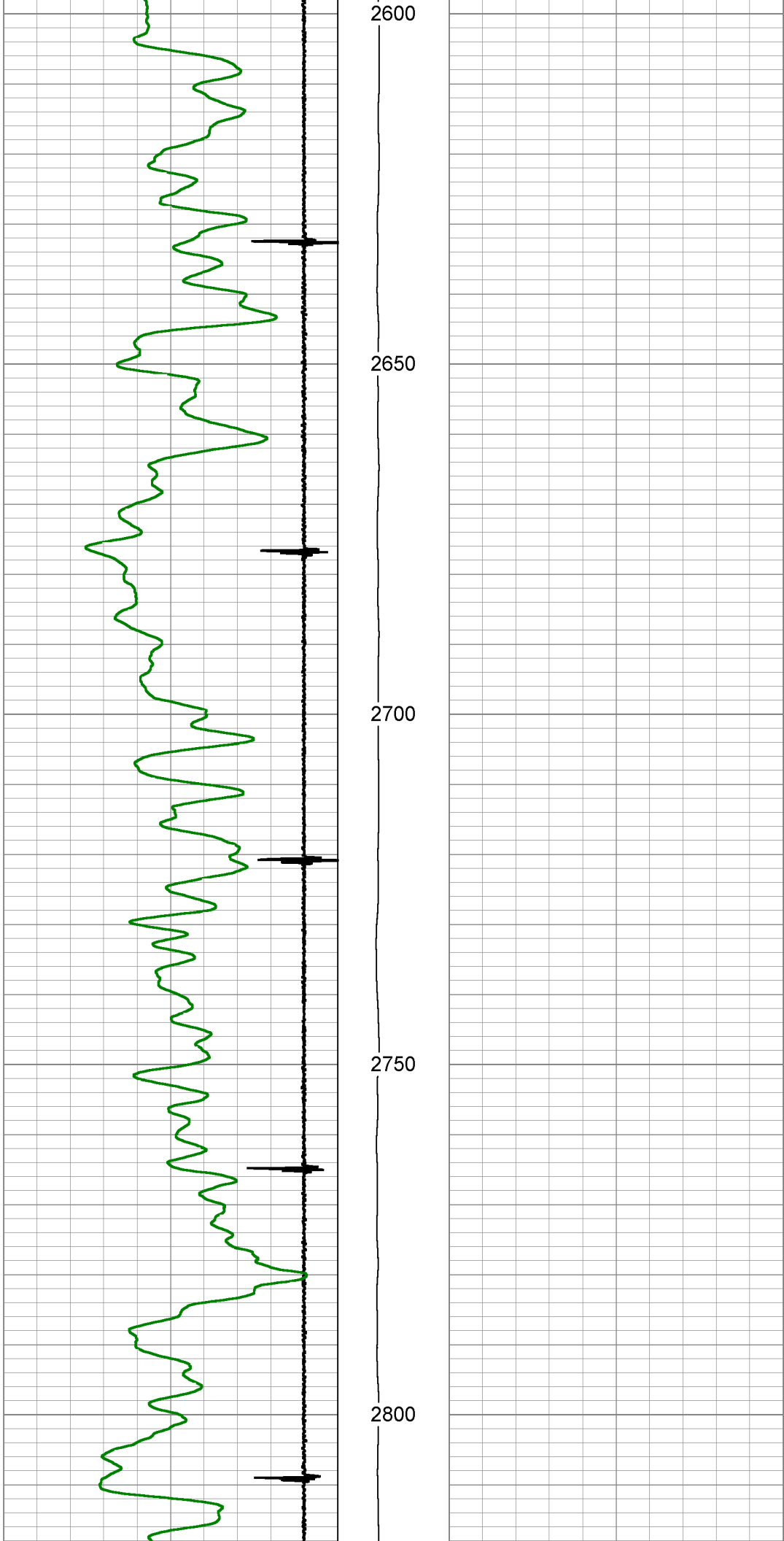
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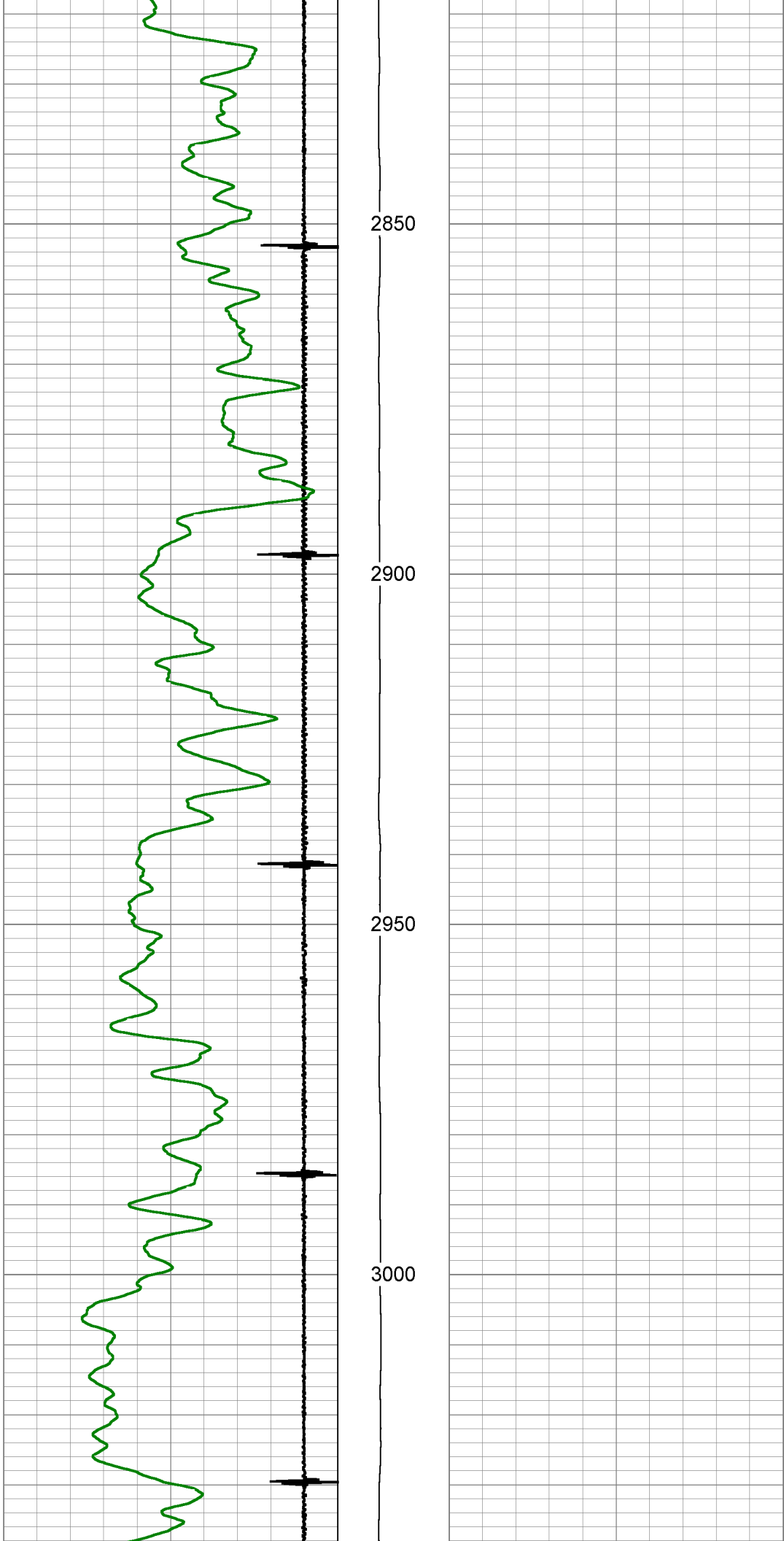


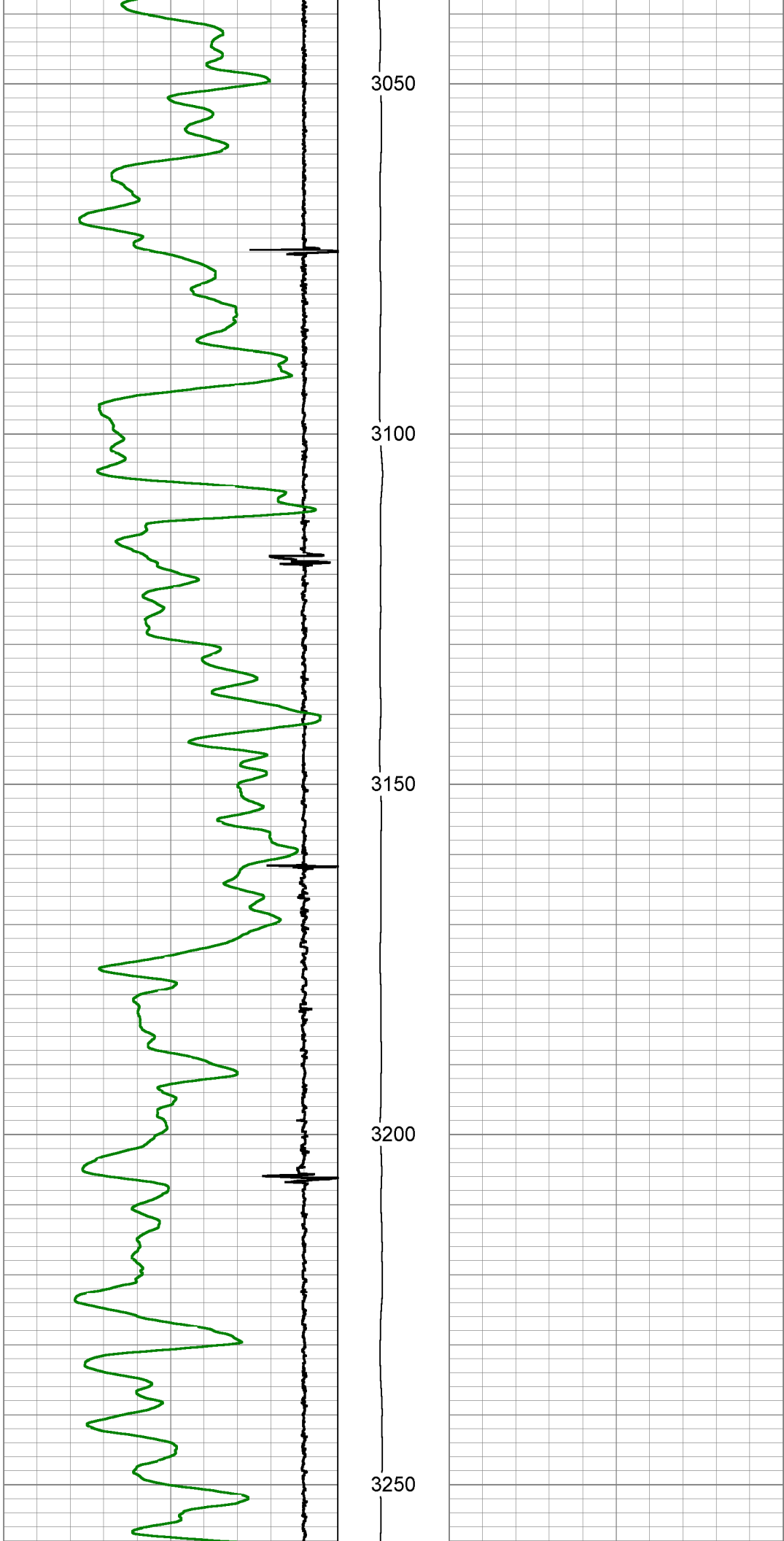


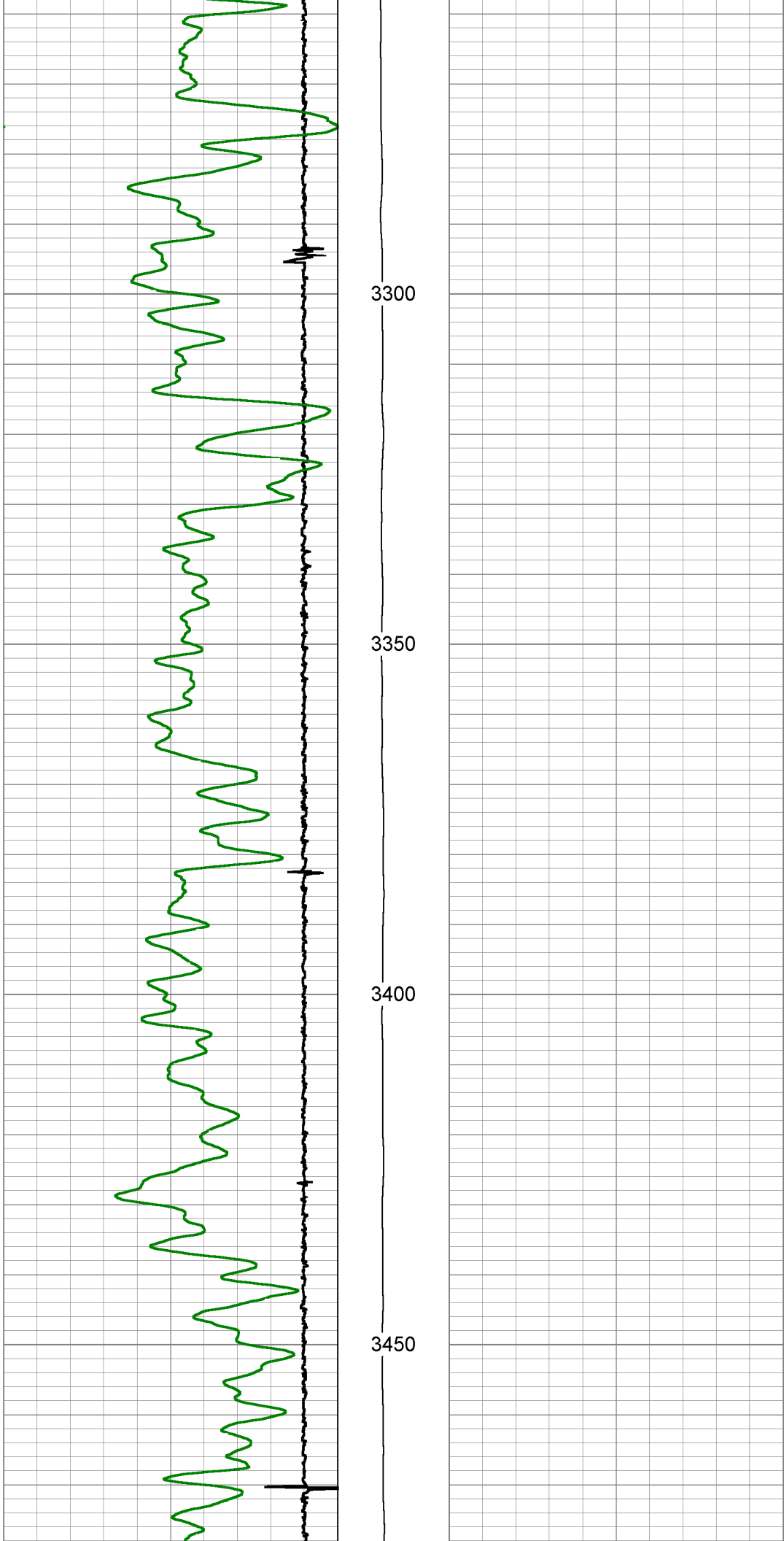


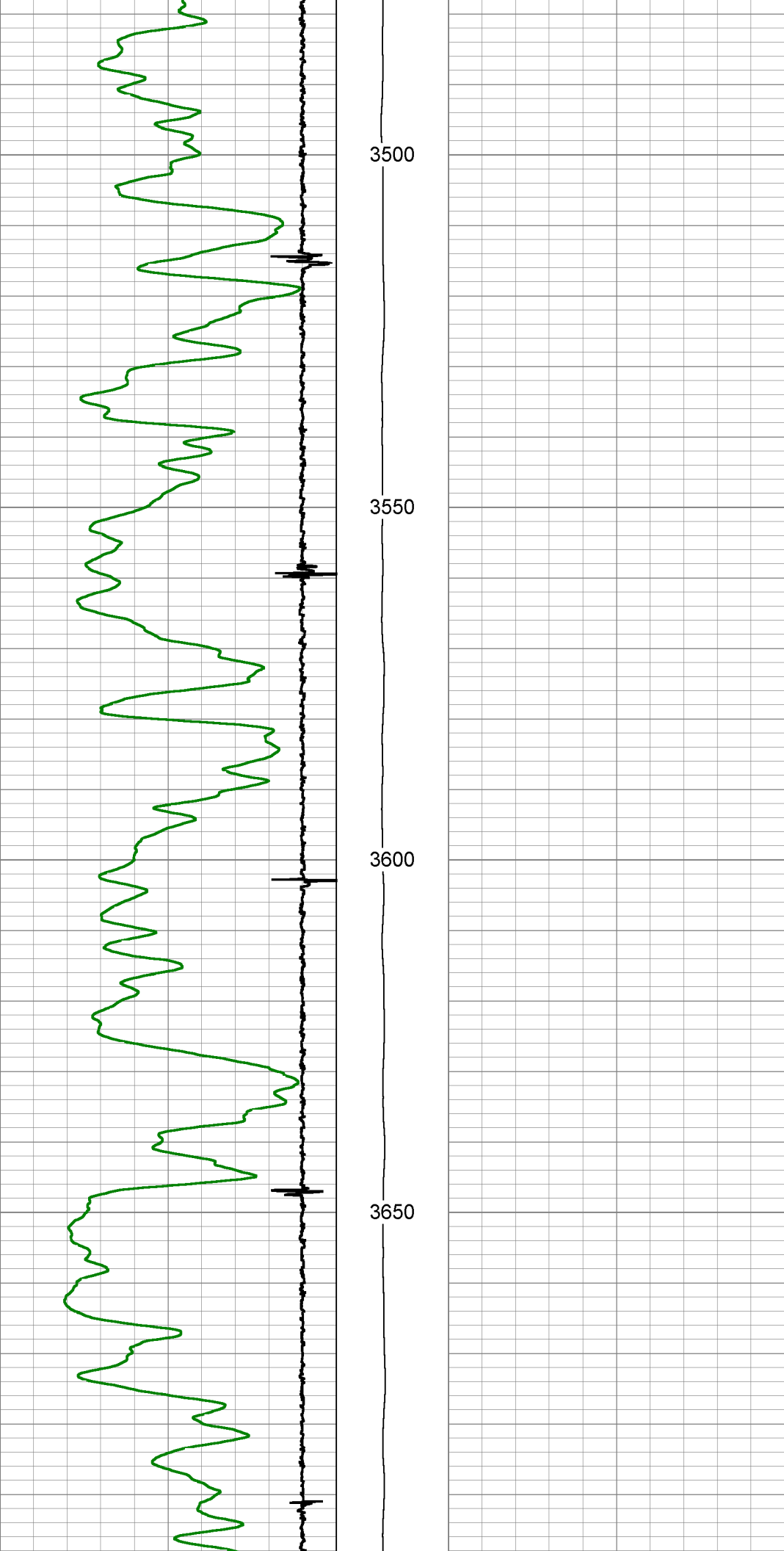


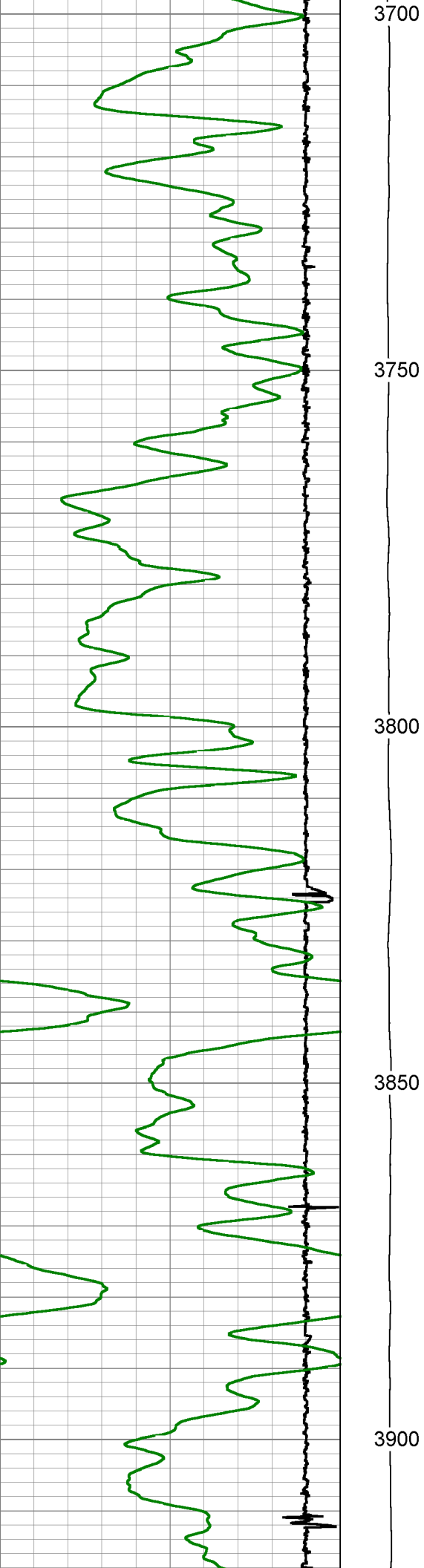


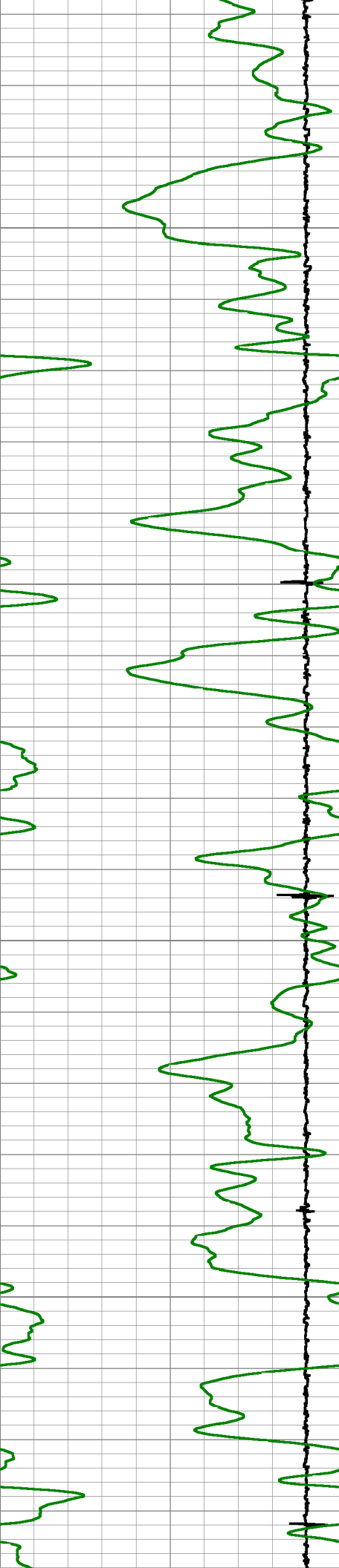










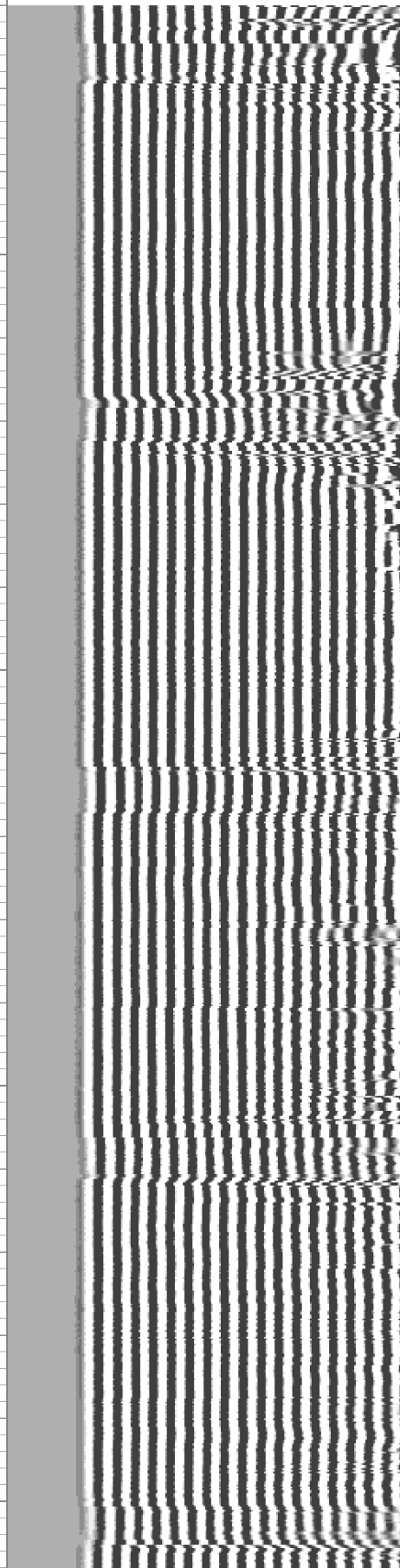
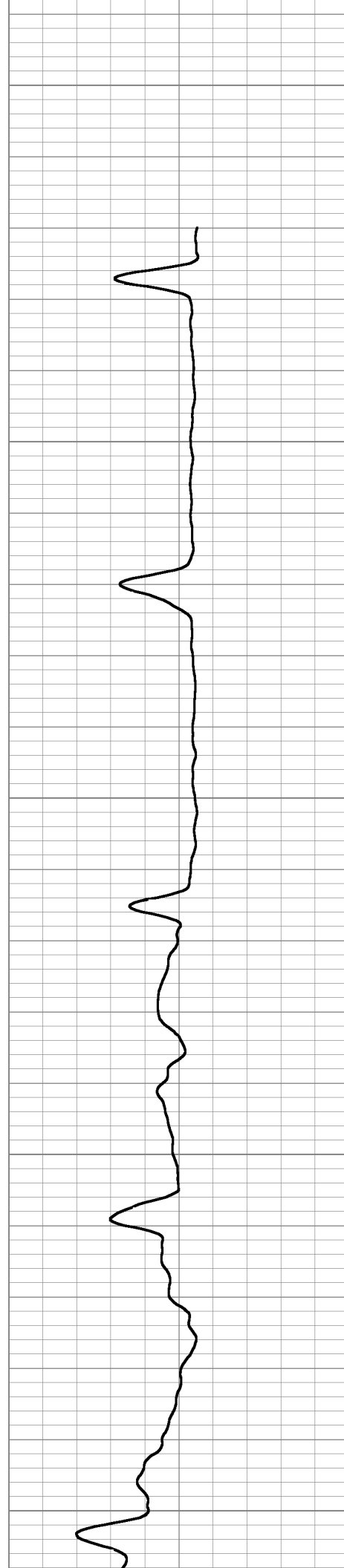
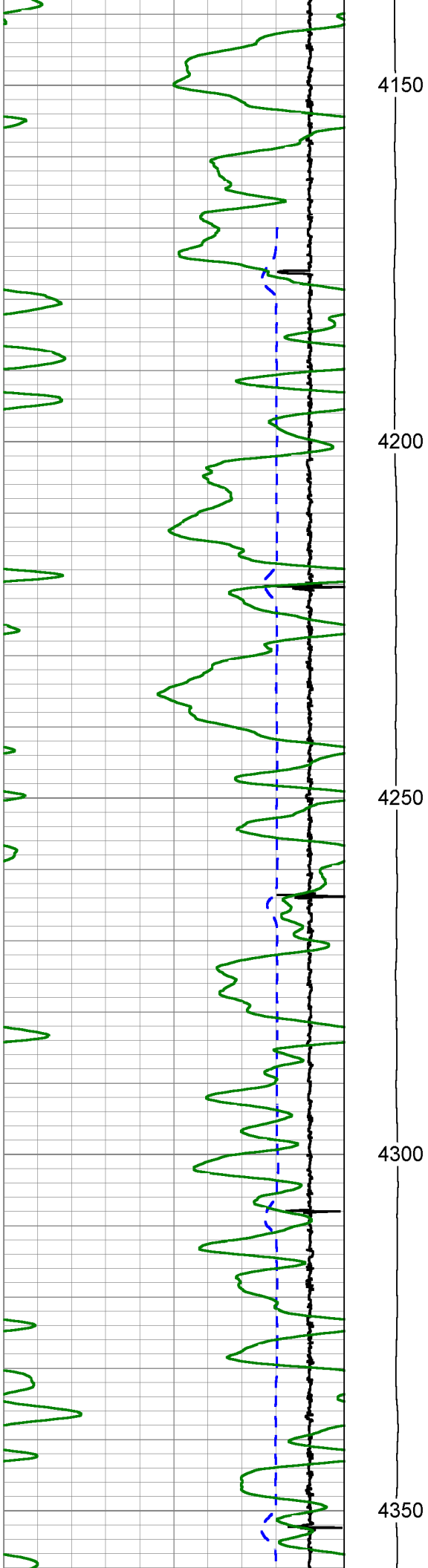


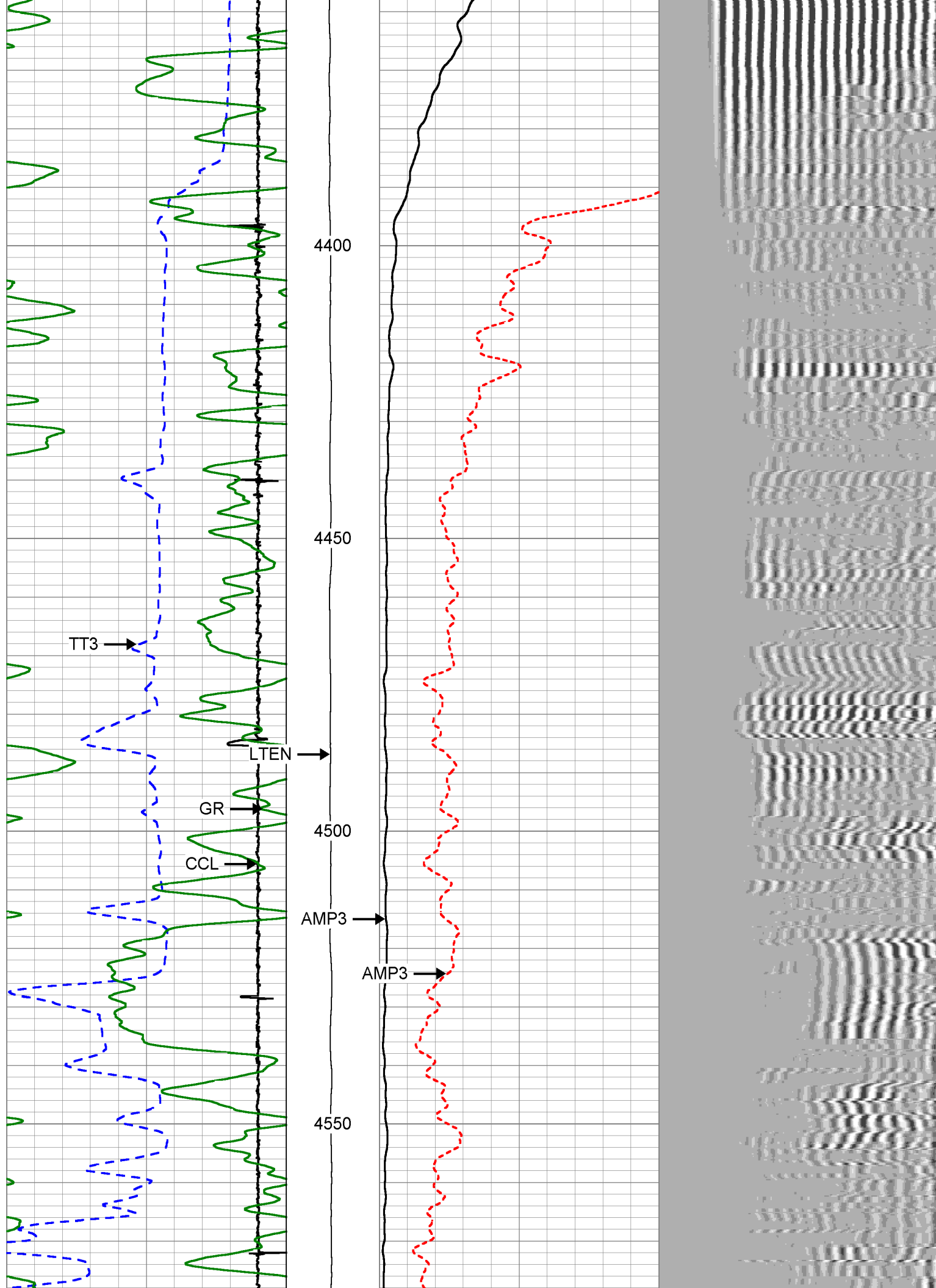
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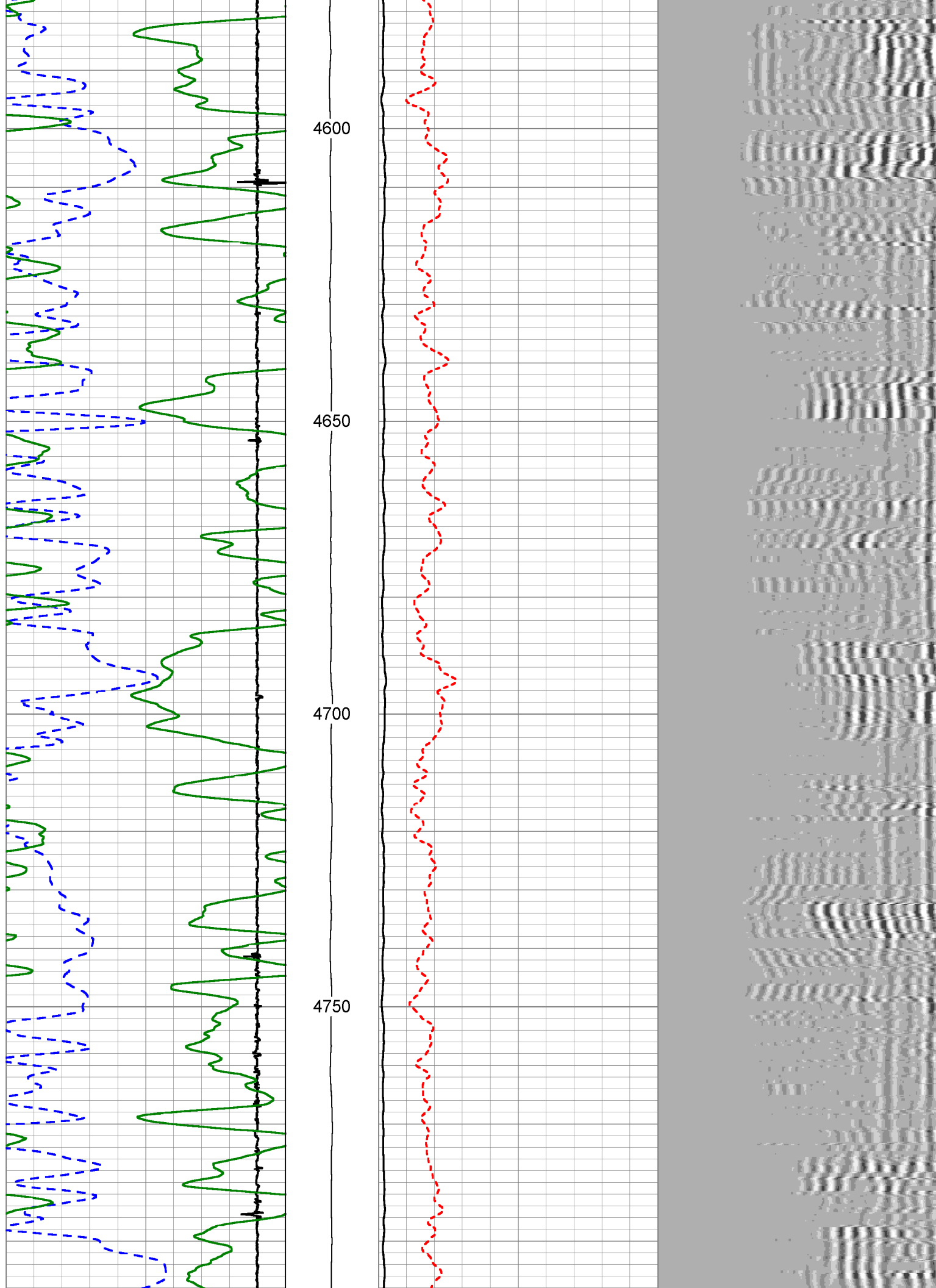
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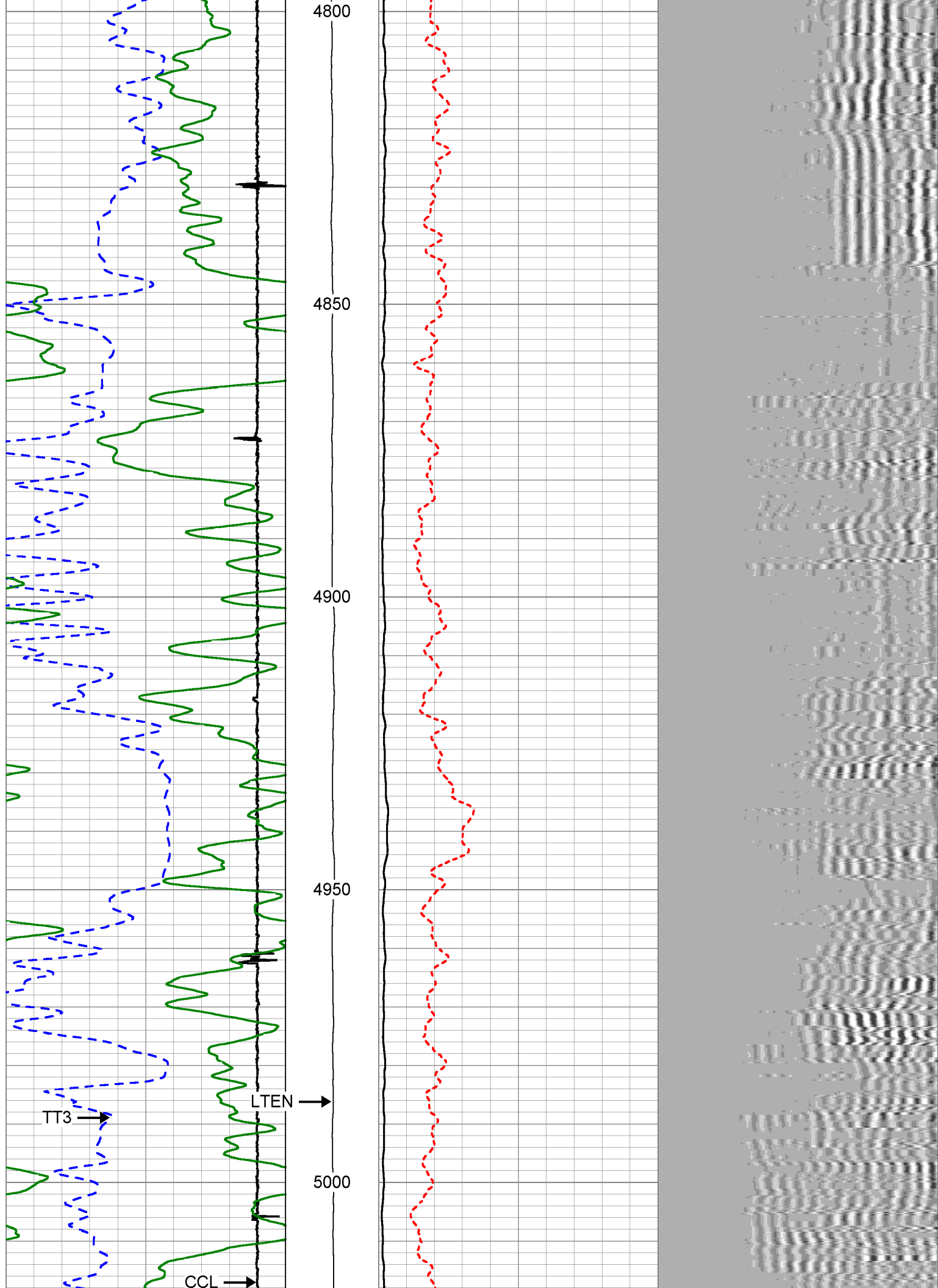
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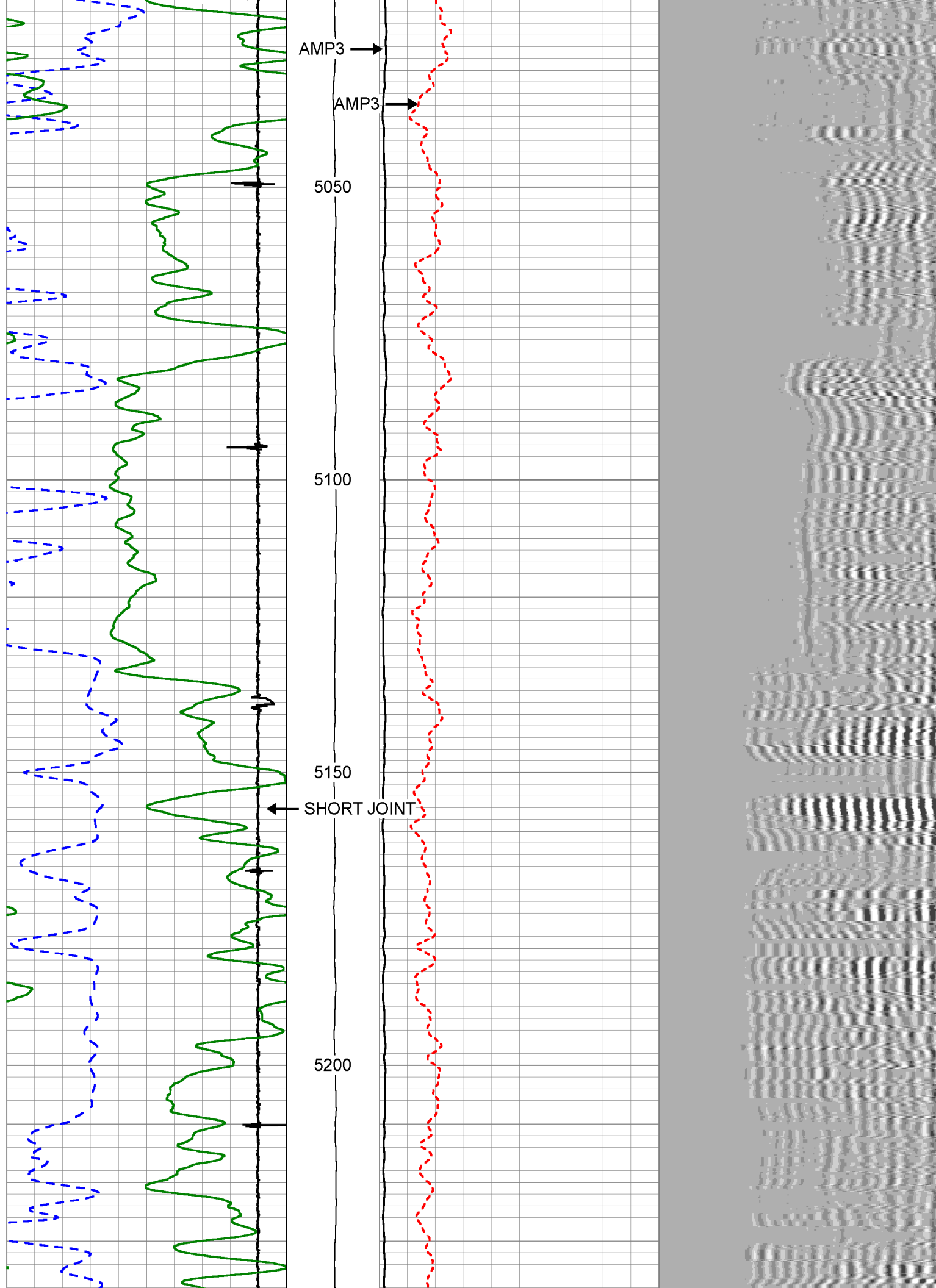
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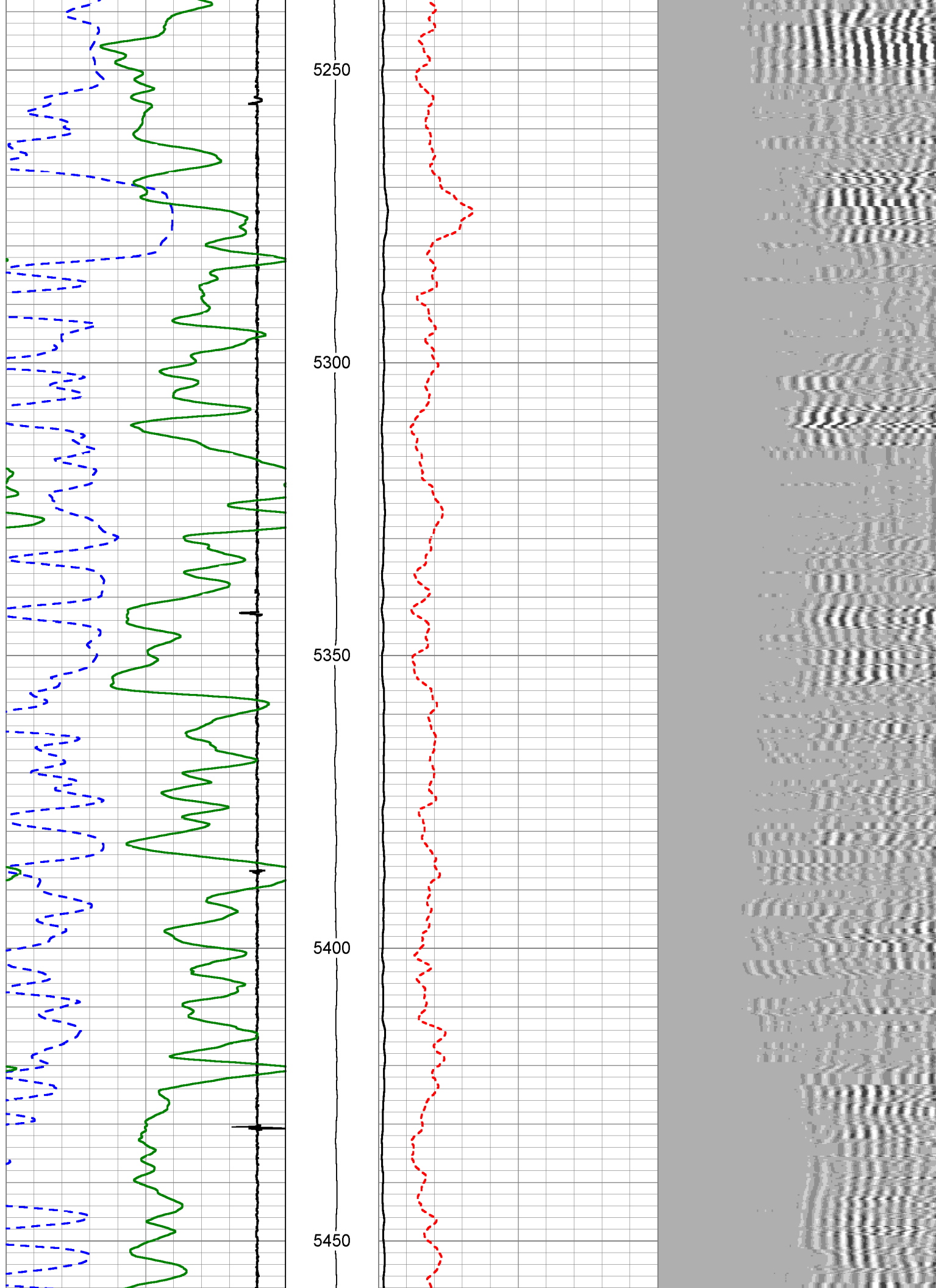


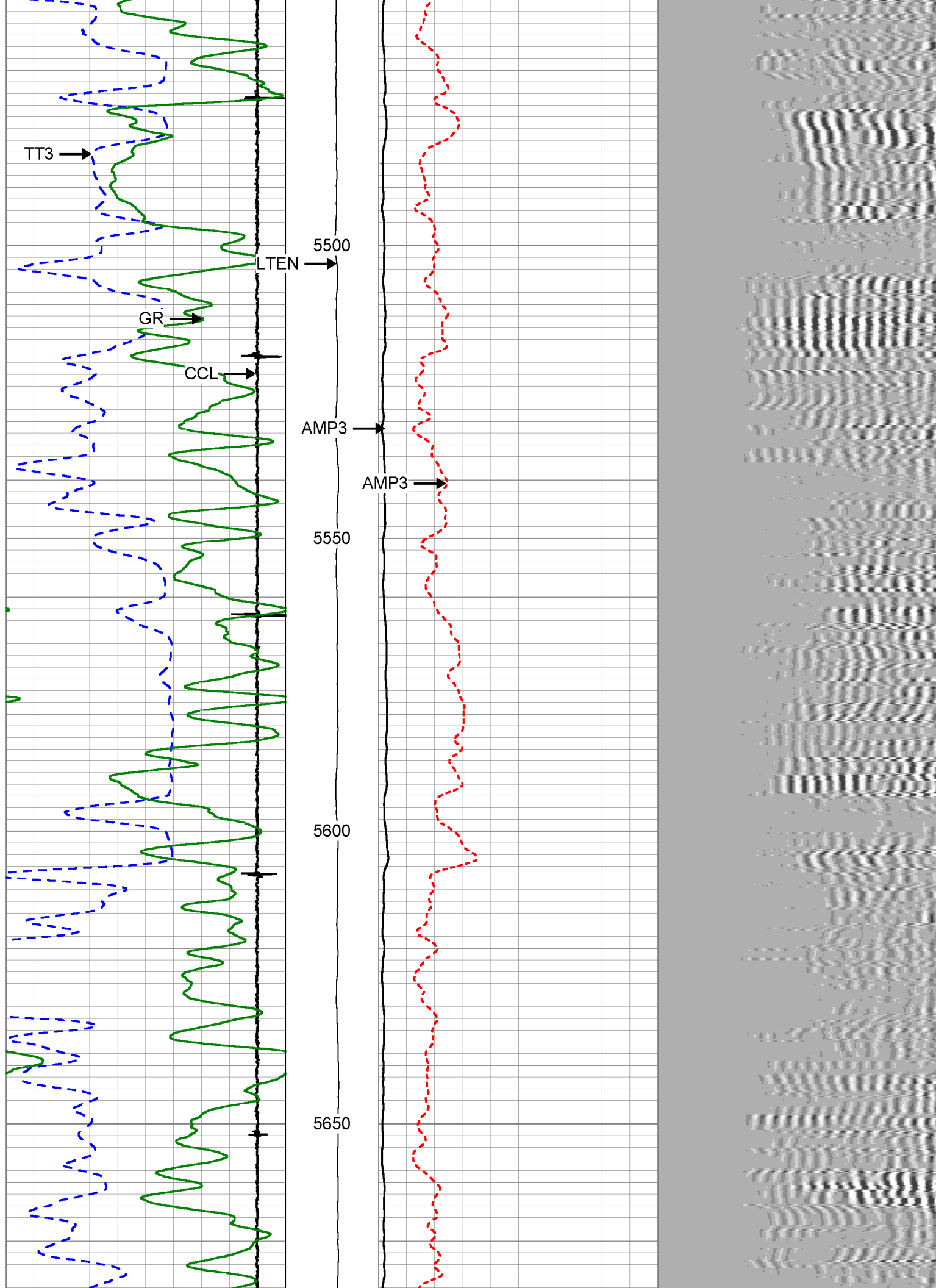


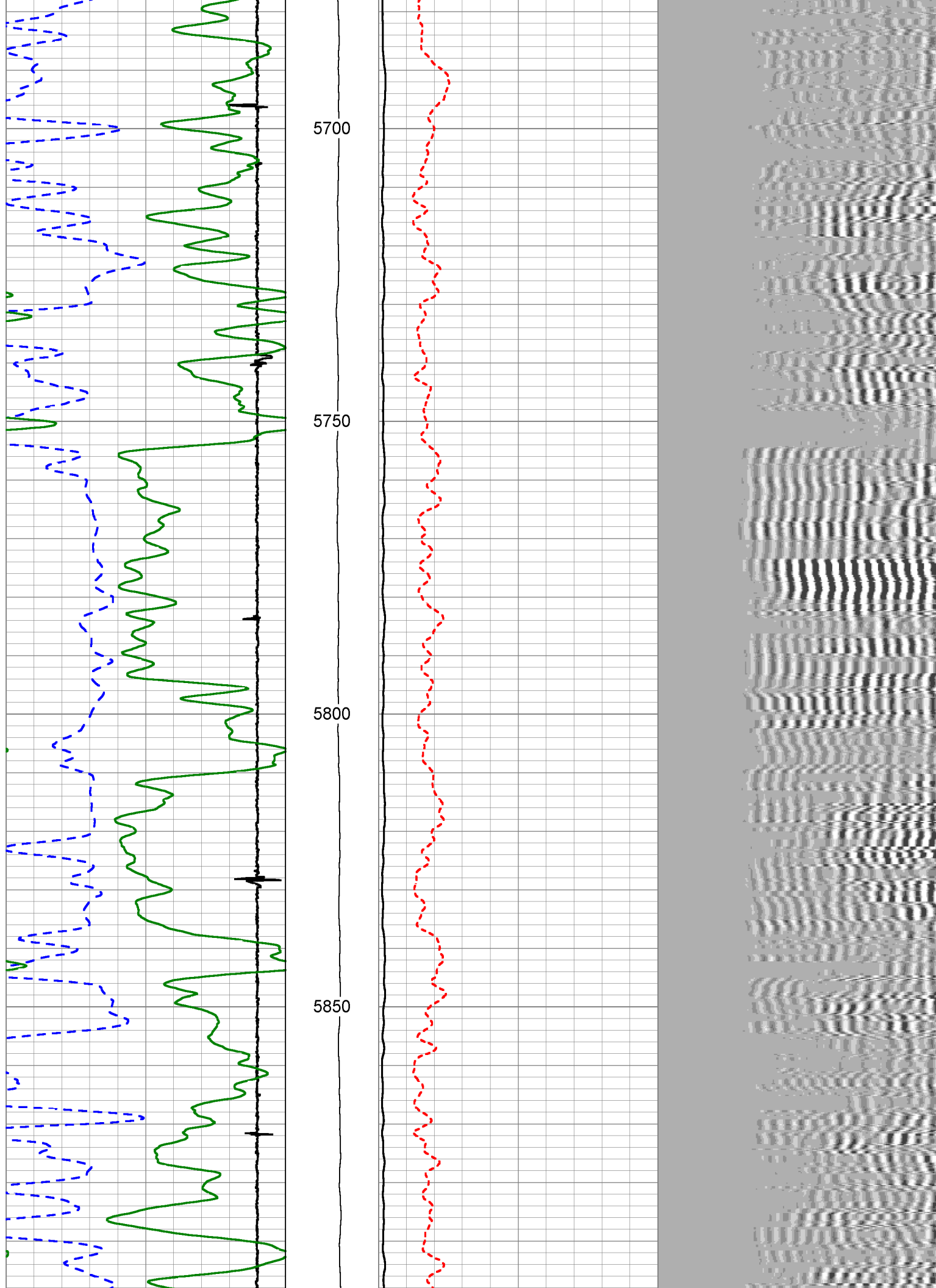


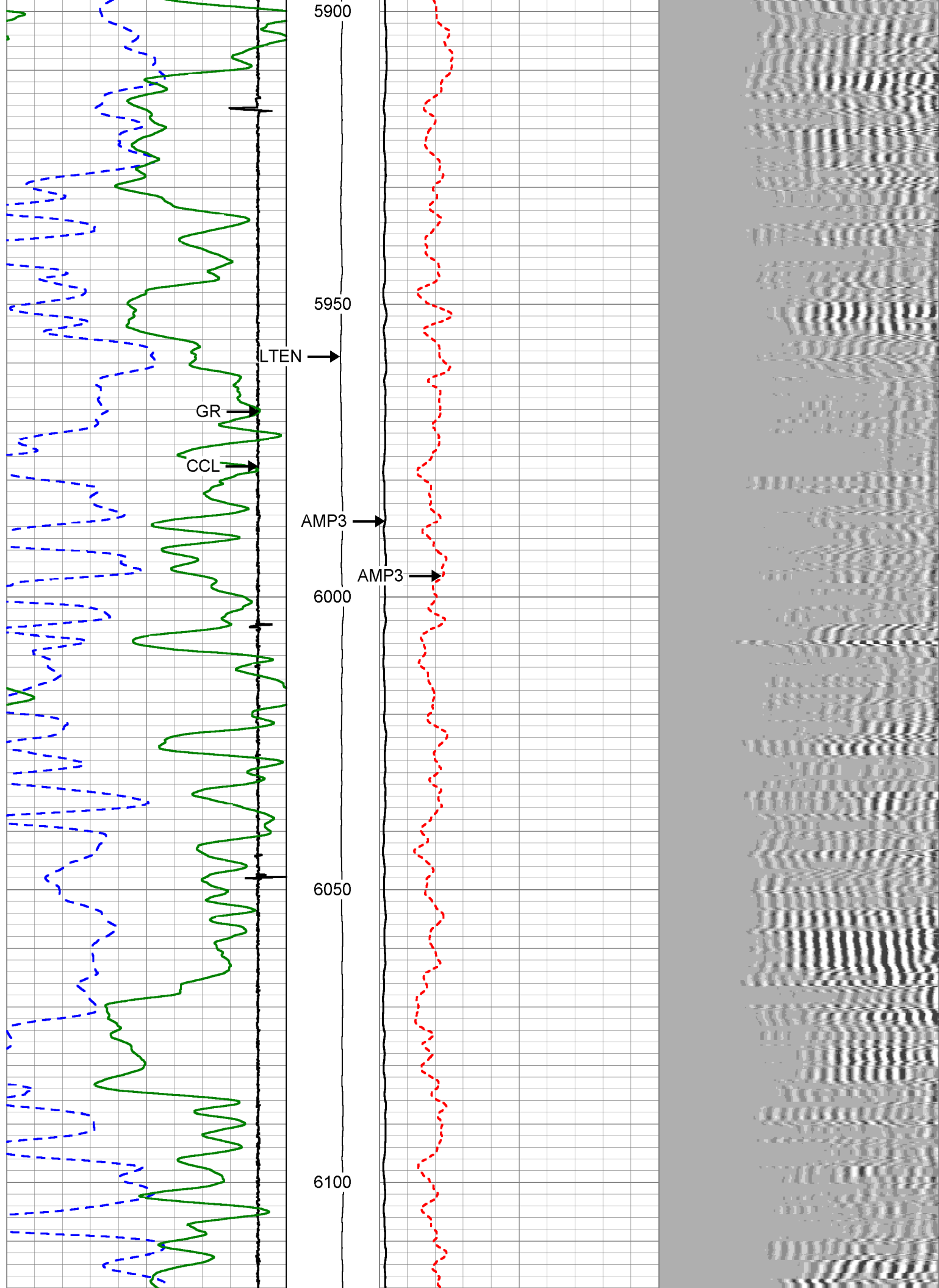


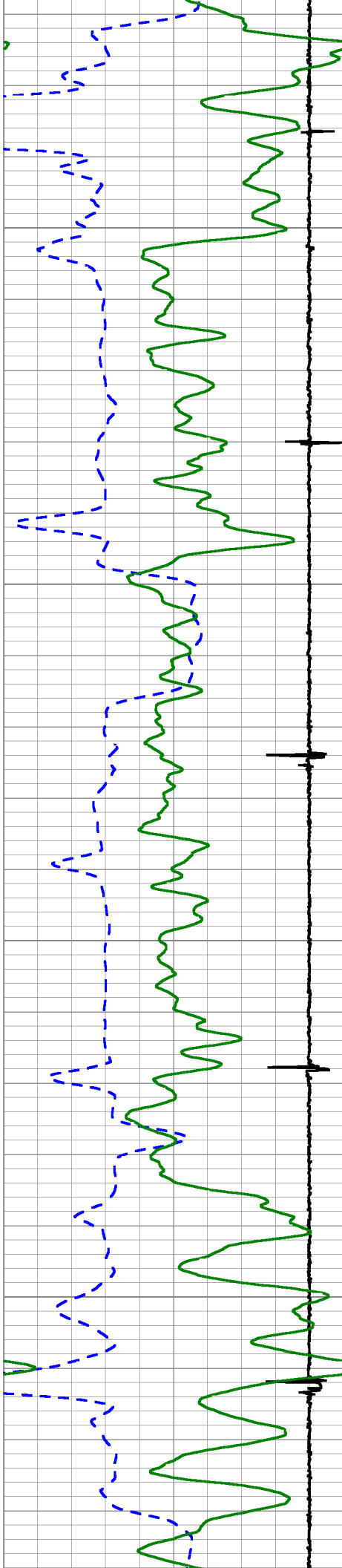










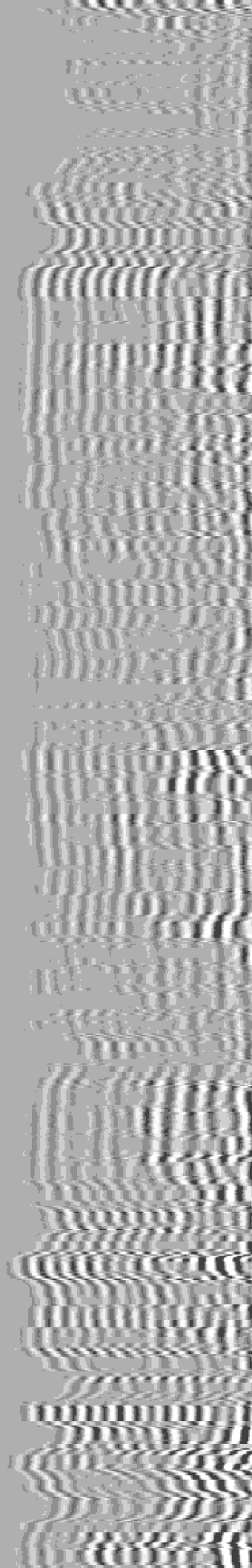
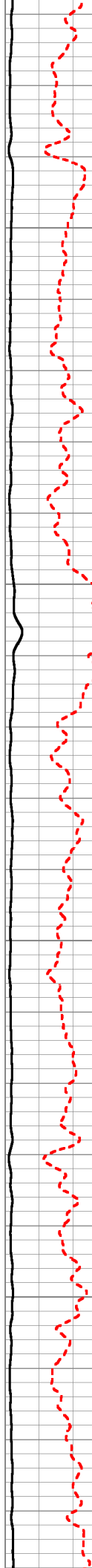


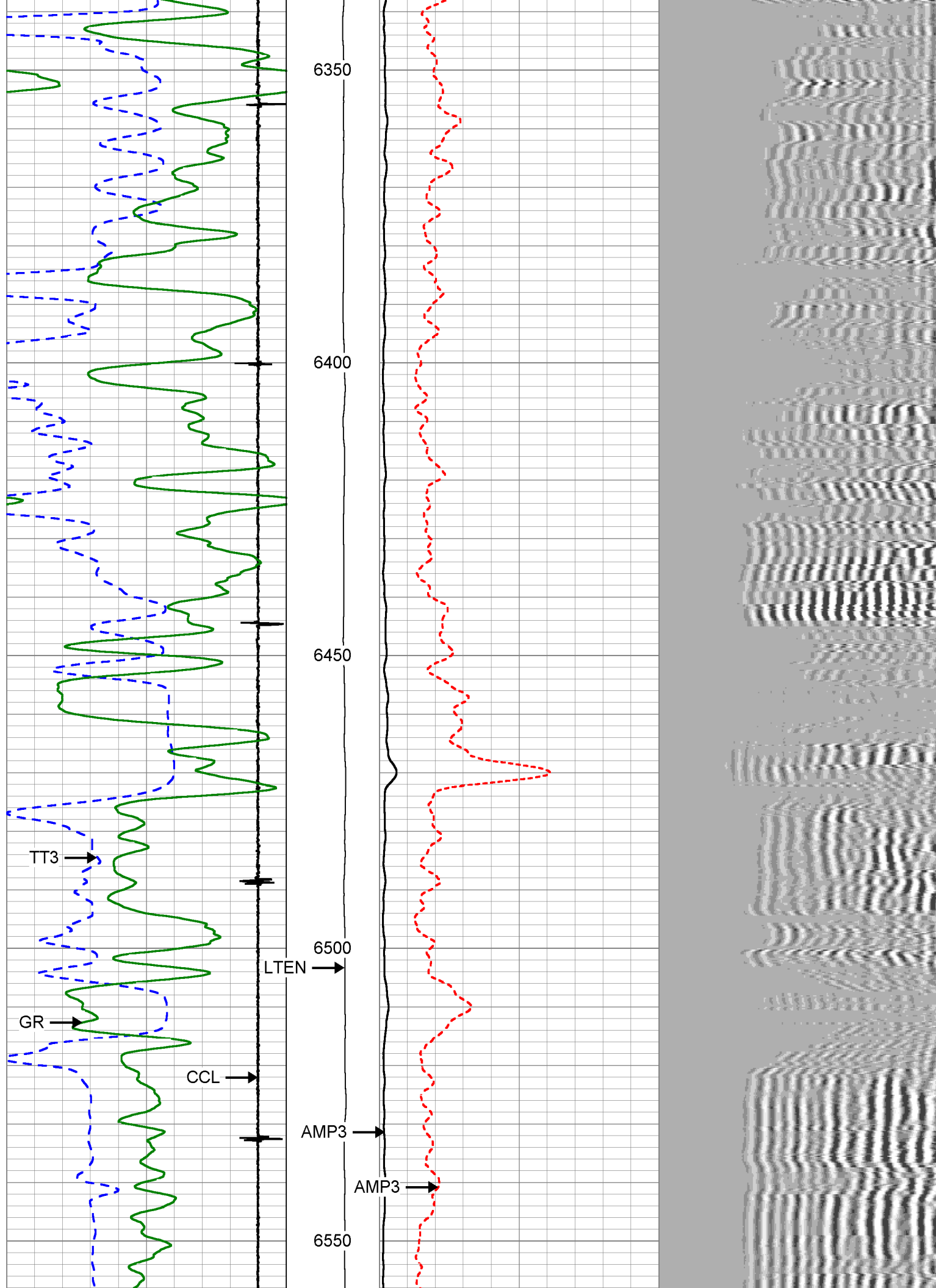
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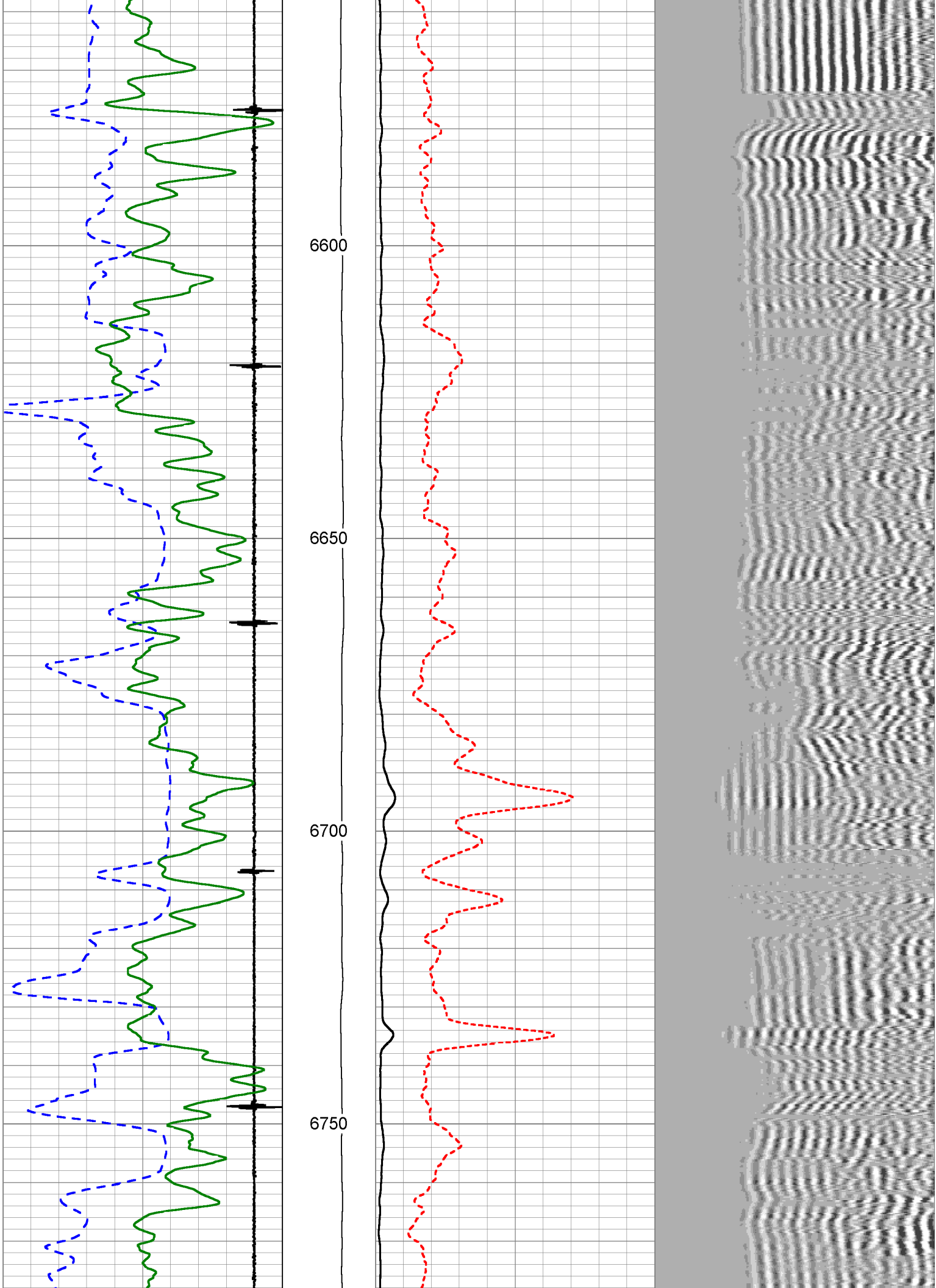
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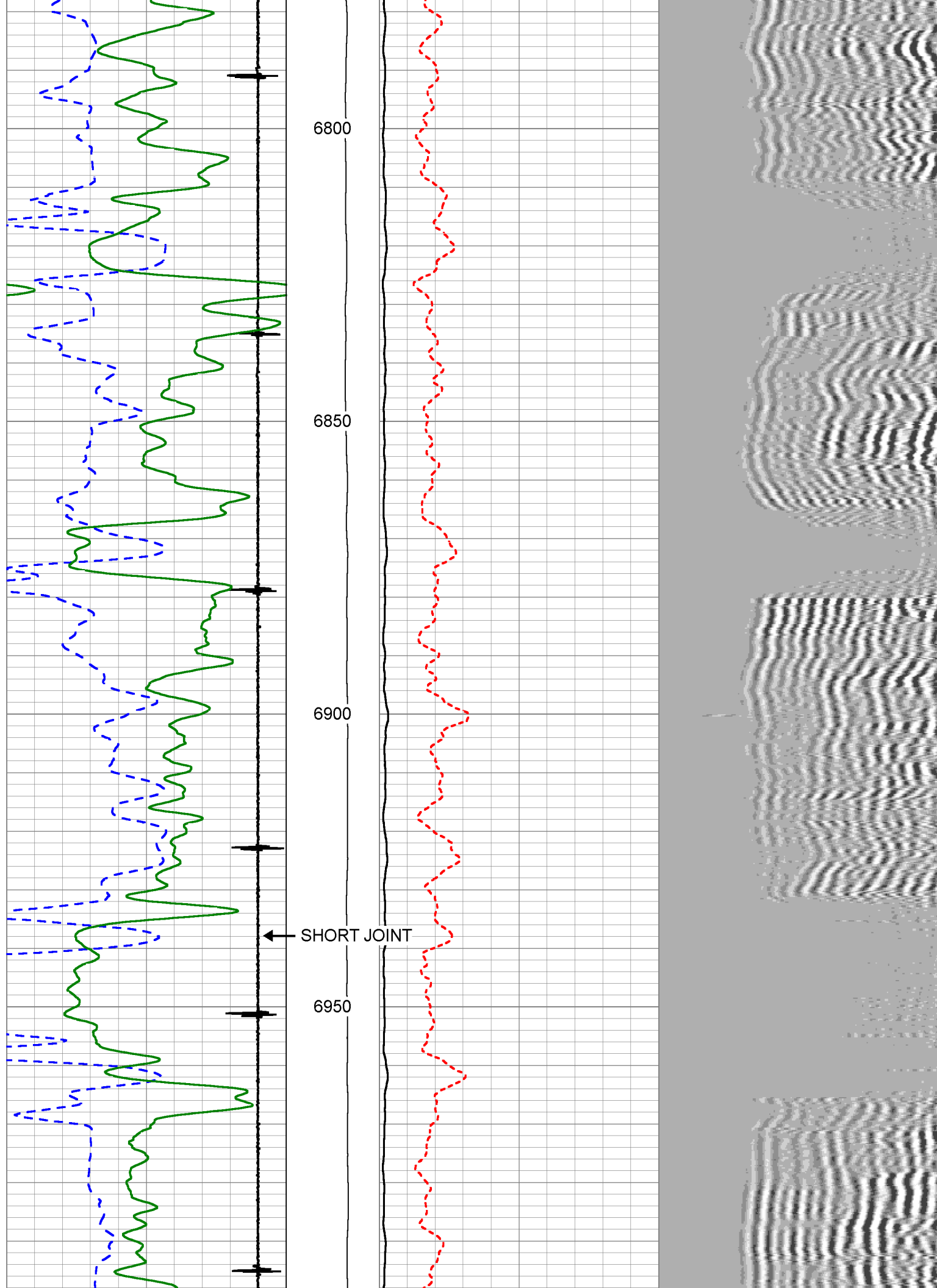
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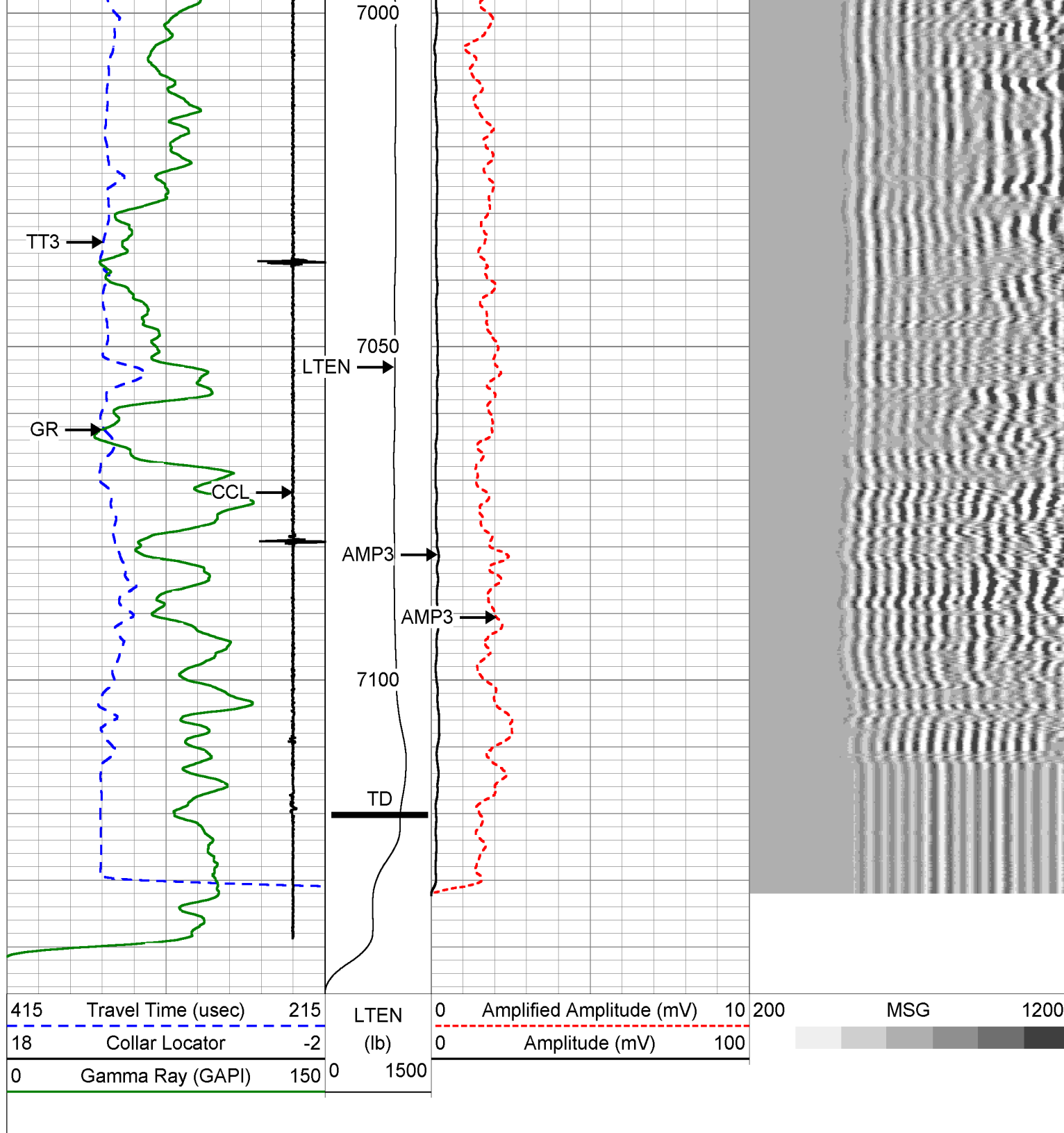
6300











HALLIBURTON

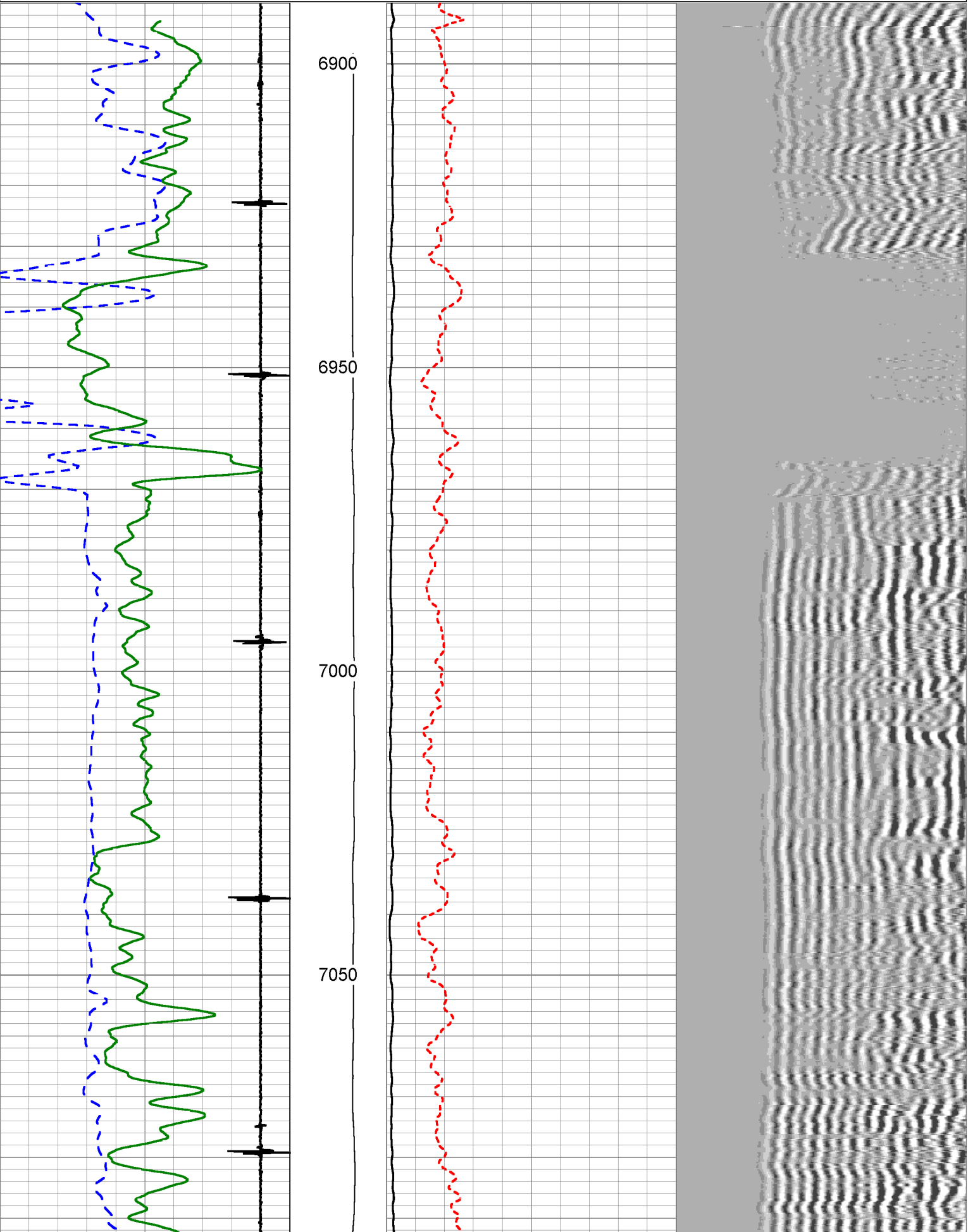
REPEAT SECTION

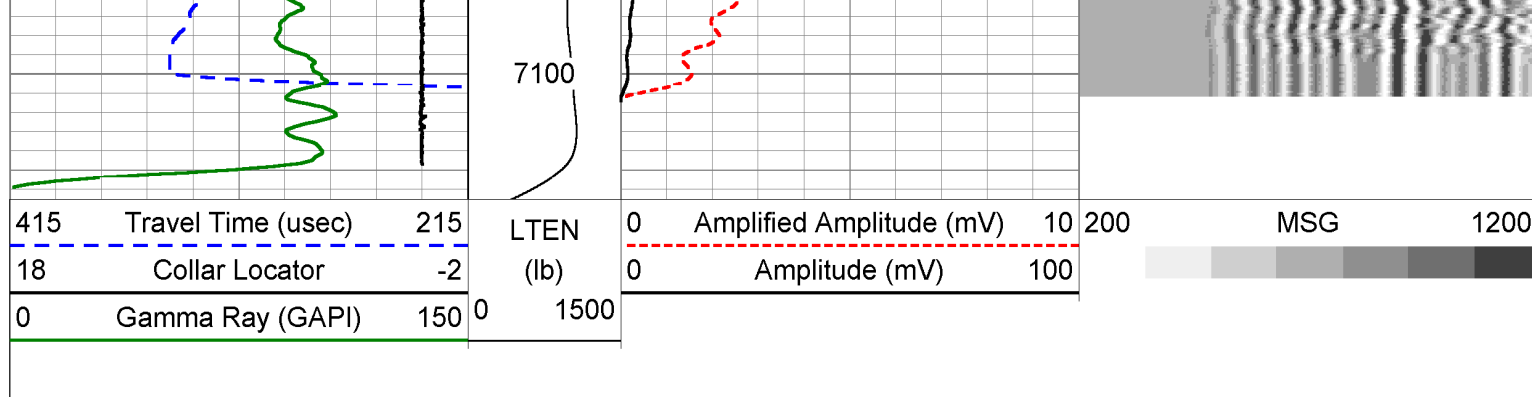
5"=100'

Database File: bb_schirer_13b_26_692_cbl.db
 Dataset Pathname: repeat_se
 Presentation Format: montanac
 Dataset Creation: Sun Jun 22 14:09:35 2008 by Log Halliburton Casedho
 Charted by: Depth in Feet scaled 1:240

415	Travel Time (usec)	215	LTEN	0	Amplified Amplitude (mV)	10	200	MSG	1200
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18	Collar Locator	-2	(lb)	0	Amplitude (mV)	100
0	Gamma Ray (GAPI)	150	0	1500		





Calibration Report

Database File: bb_schirer_13b_26_692_cbl.db
 Dataset Pathname: main_pass
 Dataset Creation: Sun Jun 22 14:17:51 2008 by Log Halliburton Casedho

Gamma Ray Calibration Report

Type / Serial: Probe / 070359

SHOP CALIBRATION

Fri Jun 20 10:26:58 2008

	Counts/Sec.	Gain	Offset	Jig	Units
Background	91.8				cps
Calibrator	370.3				cps
		0.8726			GAPI/cps

PRIMARY VERIFICATION

Fri Jun 20 10:30:53 2008

Background	80.7				cps
Calibrator	327.2				cps
Difference				246.5	GAPI

BEFORE SURVEY VERIFICATION

Sat Jun 21 09:07:40 2008

Background	77.8				cps
Calibrator	324.3				cps
Difference				246.5	GAPI

AFTER SURVEY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

Cement Bond Log Calibration Report

Serial Number: 070374
 Tool Model: Probe
 Performed: Fri Jun 20 10:38:43 2008

Depth: -0.203333 ft
 Casing Diameter: 5.5 in

3' Spacing 5' Spacing


Signal Zero:	1	1	mV
Calibrated Amplitude:	71.921	71.921	mV
Reading at Signal Zero:	0.00300293	0.00317383	V
Reading in Free Pipe:	0.169287	0.176831	V

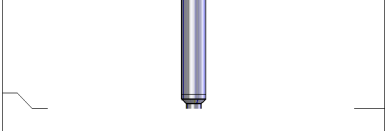
Gain:	426.505	408.396
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Offset:

-0.280764

-0.29618

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
WVF3	11.61		STND_CH 1.4375 IN CABLE HEAD	1.50	1.44	1.00
			CENT-Probe (PTS_MONO)	2.88	2.75	35.00
			CBL-Probe (070374) Probe 2.75" Dual Receiver Bond	8.92	2.75	60.00
			CENT-Probe (PT_MONO2)	2.88	2.75	35.00
			GR-Probe (070359) Probe 2.75" 4 Channel Pulse	4.54	2.75	30.00
WVF5	10.61					
CCL	3.63					
GR	2.54					

LLMTEN	0.00				
Dataset: bb_schirer_13b_26_692_cbl.db: field/well/run1/main_pass Total Length: 20.73 ft Total Weight: 161.00 lb O.D. 2.75 in					

Company	BILL BARRETT CORPORATION				
Well	SCHIRER 13B-26-692				
Field	MAMM CREEK				
County	GARFIELD		State	CO	
HALLIBURTON			CEMENT BOND LOG FIELD COPY		