



Sonic Cement Bond Log

Pioneer Energy Services

API No.

15-171-21026-00-00

Company Shakespeare Oil Company, Inc.

Well Janzen No. 3-36

Field Capstone East

County Scott State Kansas

Location

915' FSL & 1880' FWL

Other Services
Perforate

Sec: 36

Twp: 16S

Rge: 34W

Elevation

Permanent Datum Ground Level Elevation 3102
Log Measured From Kelly Bushing 12 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 3114
D.F. 3112
G.L. 3102

Run Number

One

Date Survey

3/11/2014

Date Cementing

2/28/2014

Type Cementing Operation

Primary

Depth Driller

4880

Depth Logger

4823

Logged Interval

4821 to 3200

Casing Driller

5.5 @ T.D.

Float Collar -- D.V. Tool

2387

Squeeze Depth

||||

Amount & Type Cement

||||

Amount & Type Admix

||||

Type Fluid In Hole

Water

Fluid Level

240

Salinity PPM CL

||||

Weight lb/gal -- Vis.

||||

Approx. Logged Cement Top

3415

Calculated Cement Top

||||

Max. Hole Temperature

112

Tool No.

D-1

Spacing Recorded

3-5

Equipment -- Location

72 Hays

Recorded By

K. Ladigan

Witnessed By

Tom Larson

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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

Thank you for using Pioneer Energy Services, Inc. 785.625.3858

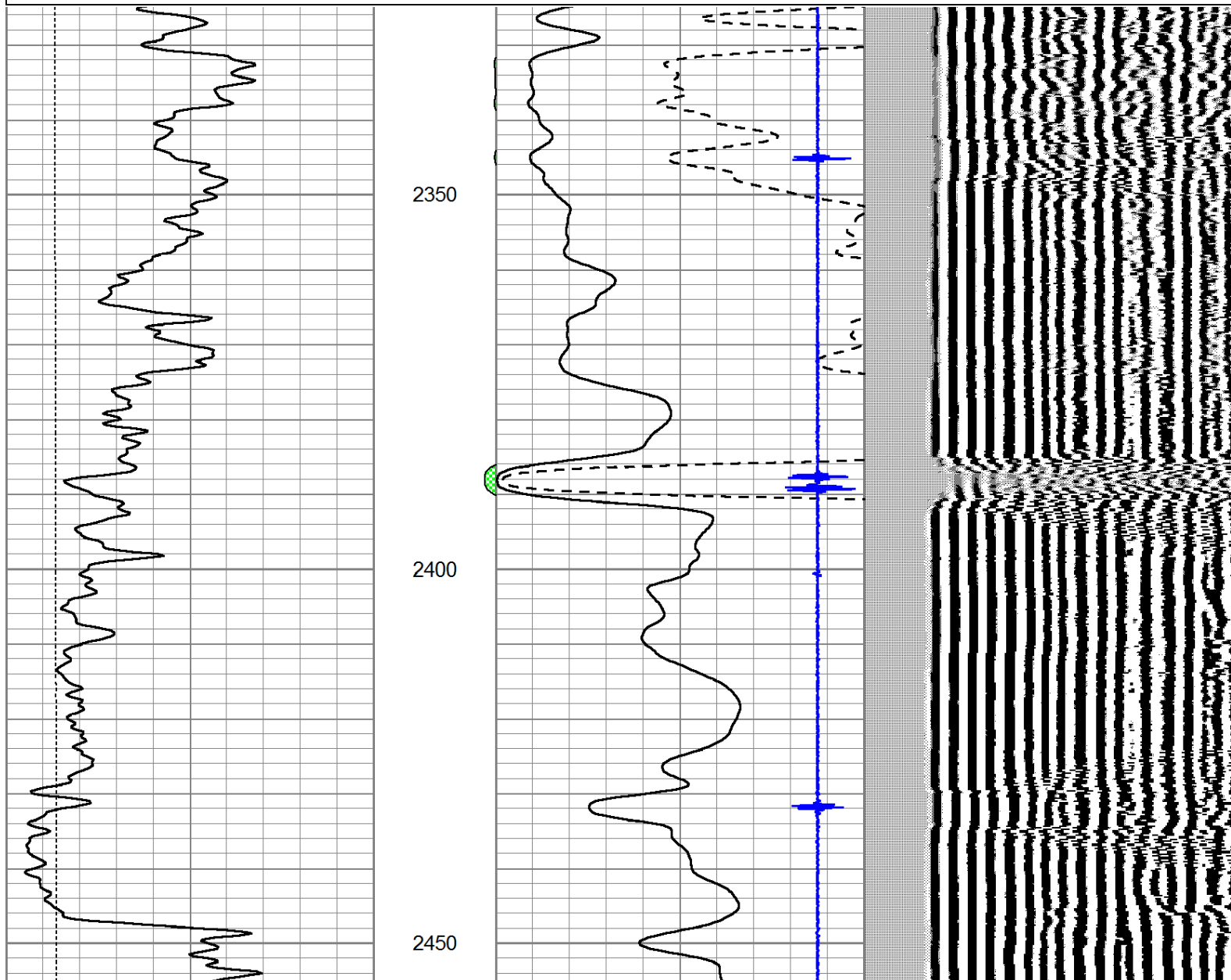
Pence, KS., East to Eagle Road, South to 240 Road, ¼ East
North Into.



Port Collar @ 2387

Database File: shake_janzen3-36.db
 Dataset Pathname: grcbl/pass5
 Presentation Format: cbl dig
 Dataset Creation: Tue Mar 11 09:42:47 2014 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	AMP3	0	Amplitude (mV)	100	200	Variable Density	1200
0	LTEN (lb)	5000	(mV)	0	Amplified Amplitude (mV)	20			
			-100 10	7	Collar Locator	-1			



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0	LTEN (lb)	5000	(mV)	0	Amplified Amplitude (mV)	20			
			-100 10	7	Collar Locator	-1			

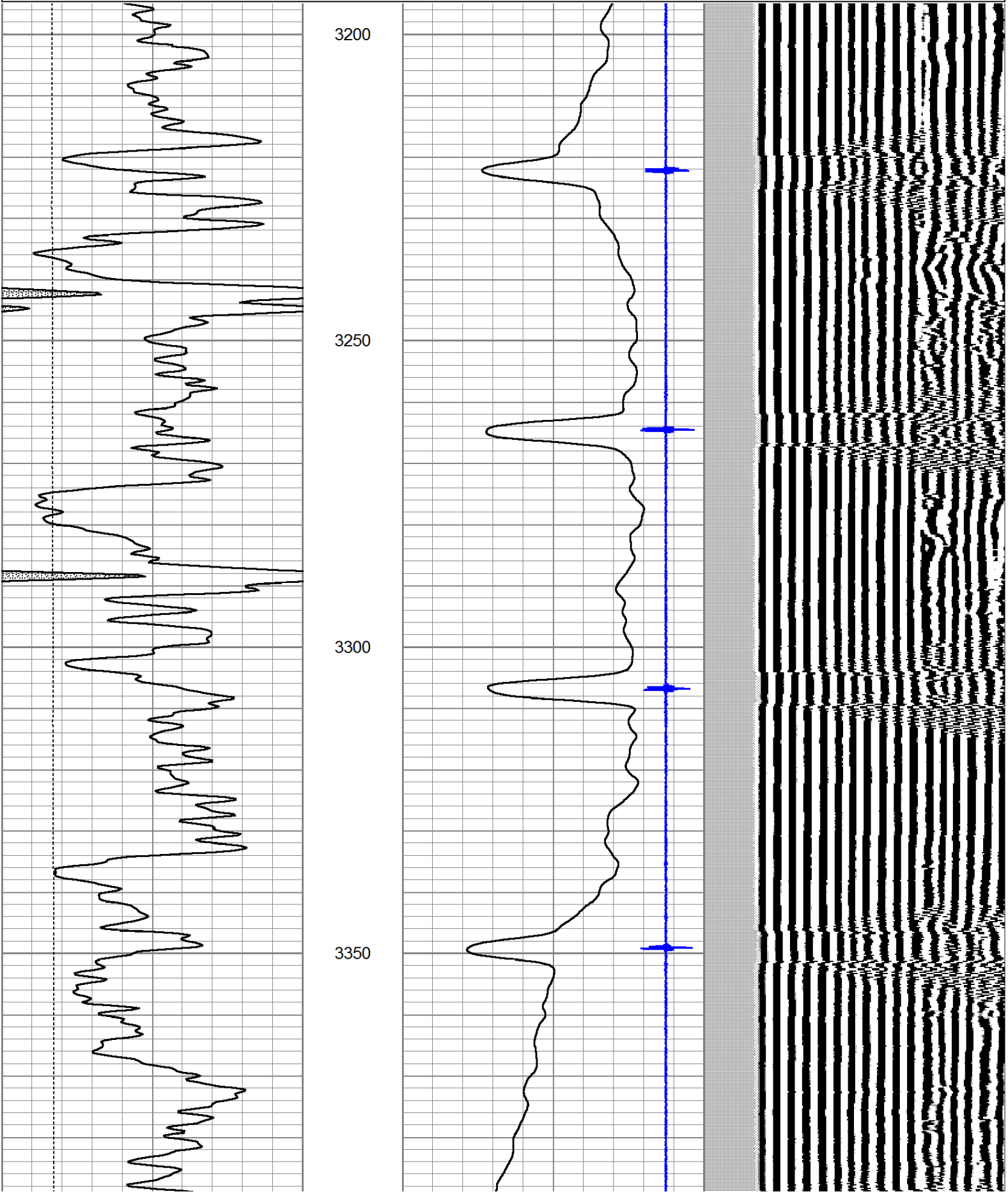


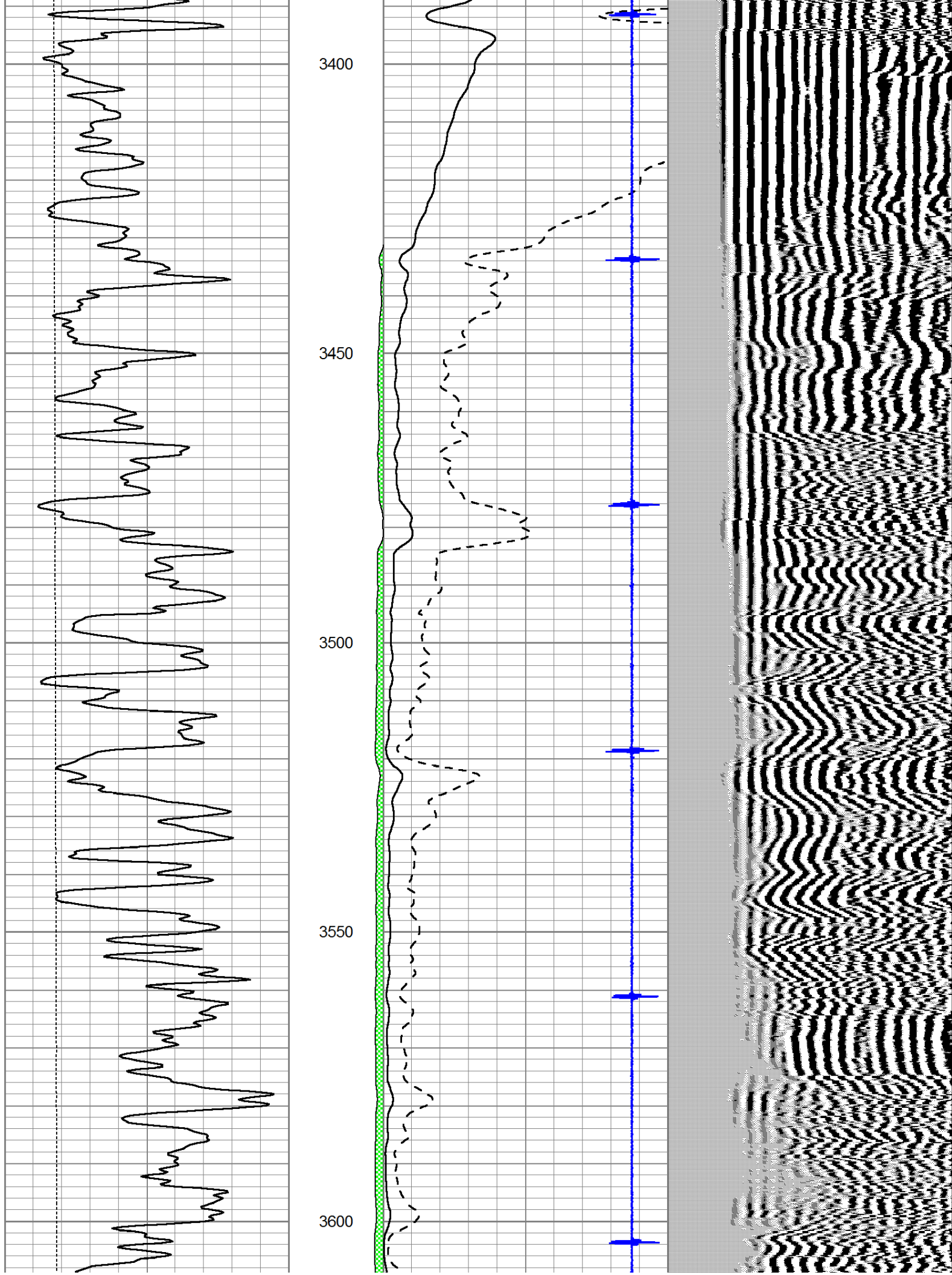
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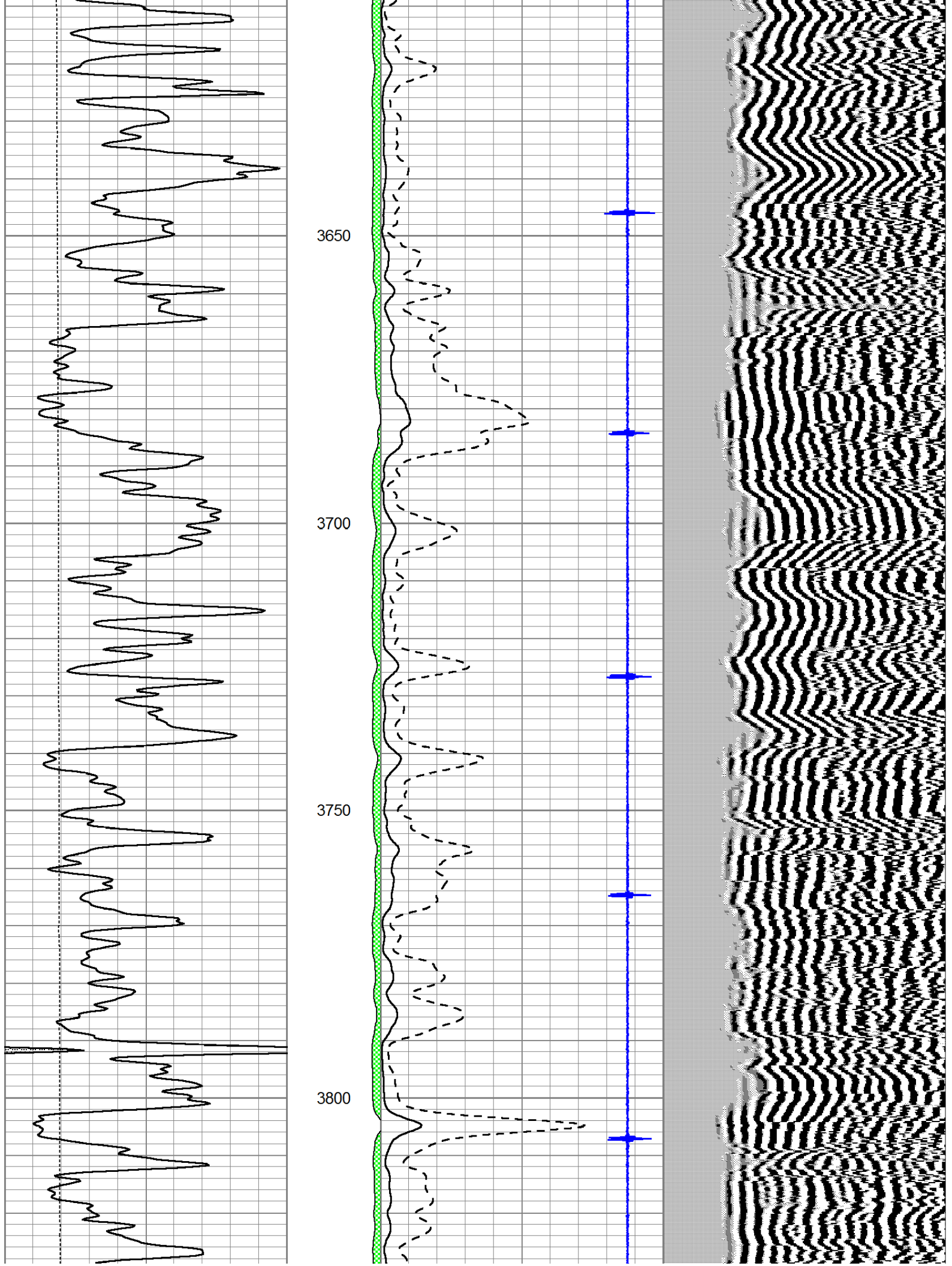
Main Pass

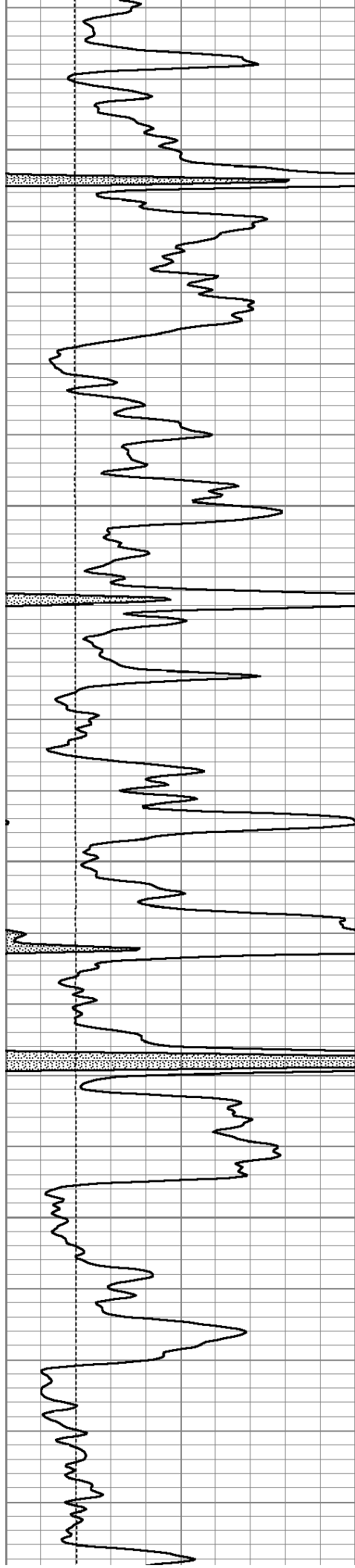
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 Dataset Pathname: grcbl/pass4.2
 Presentation Format: cbl dig

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			-100	10	7	Collar Locator	-1		







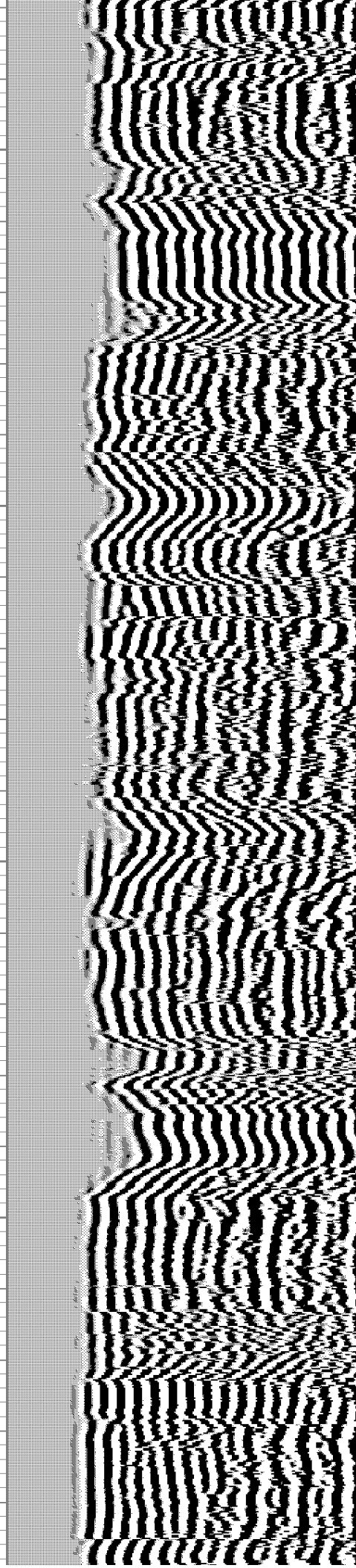
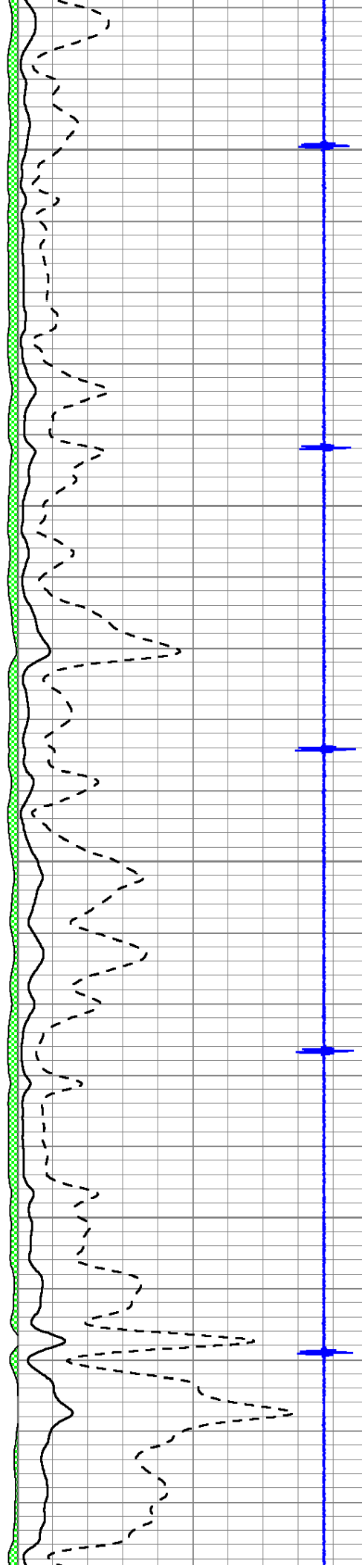


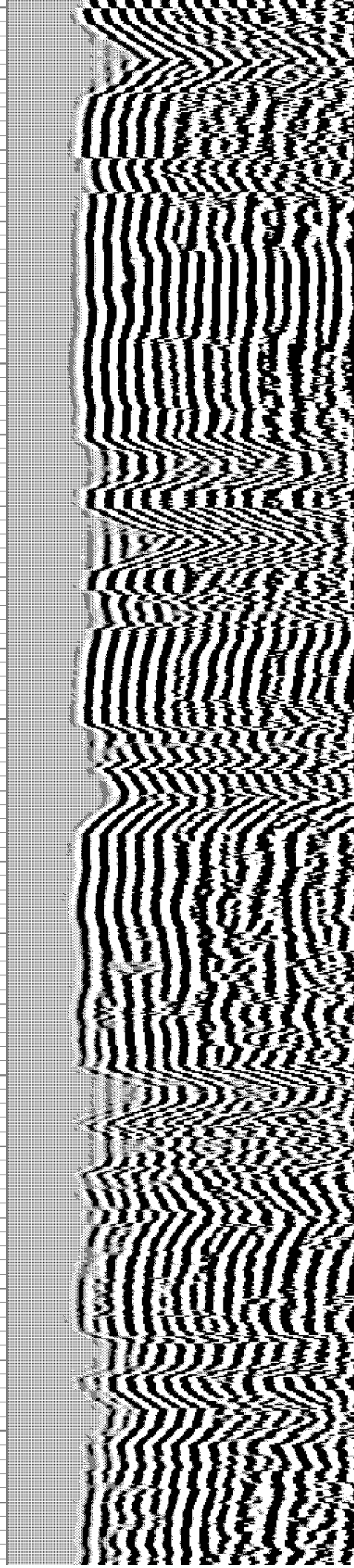
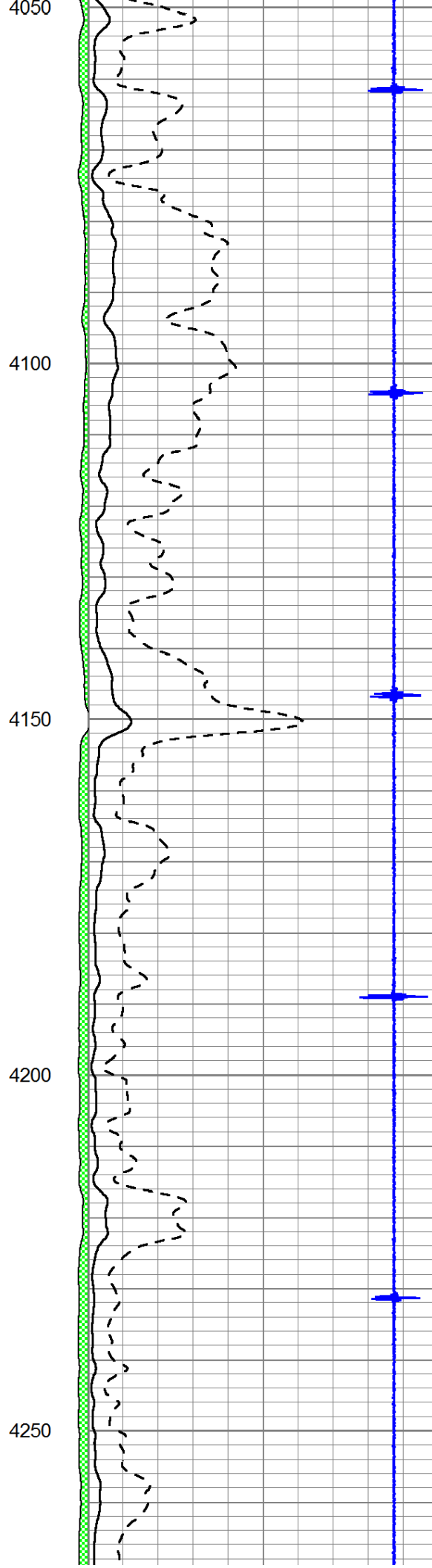
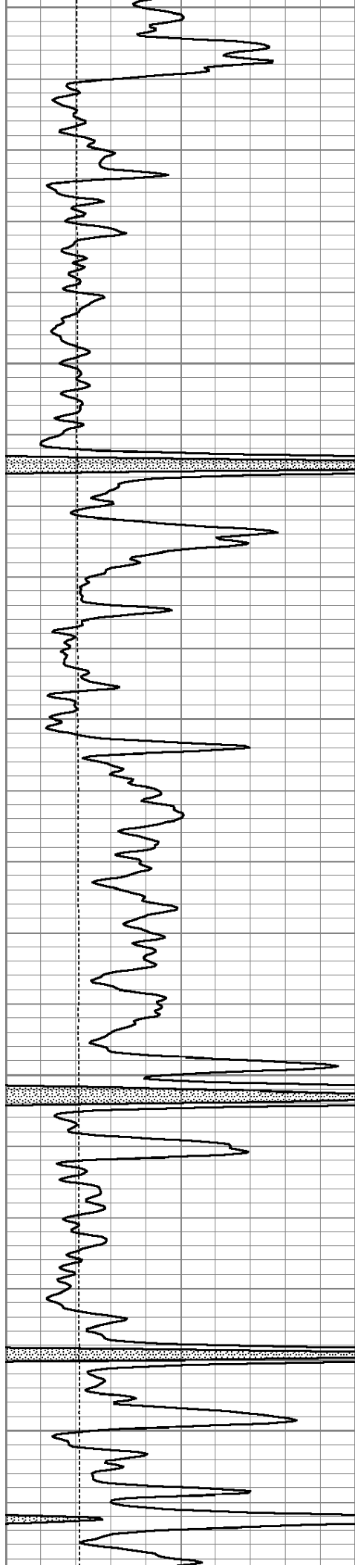
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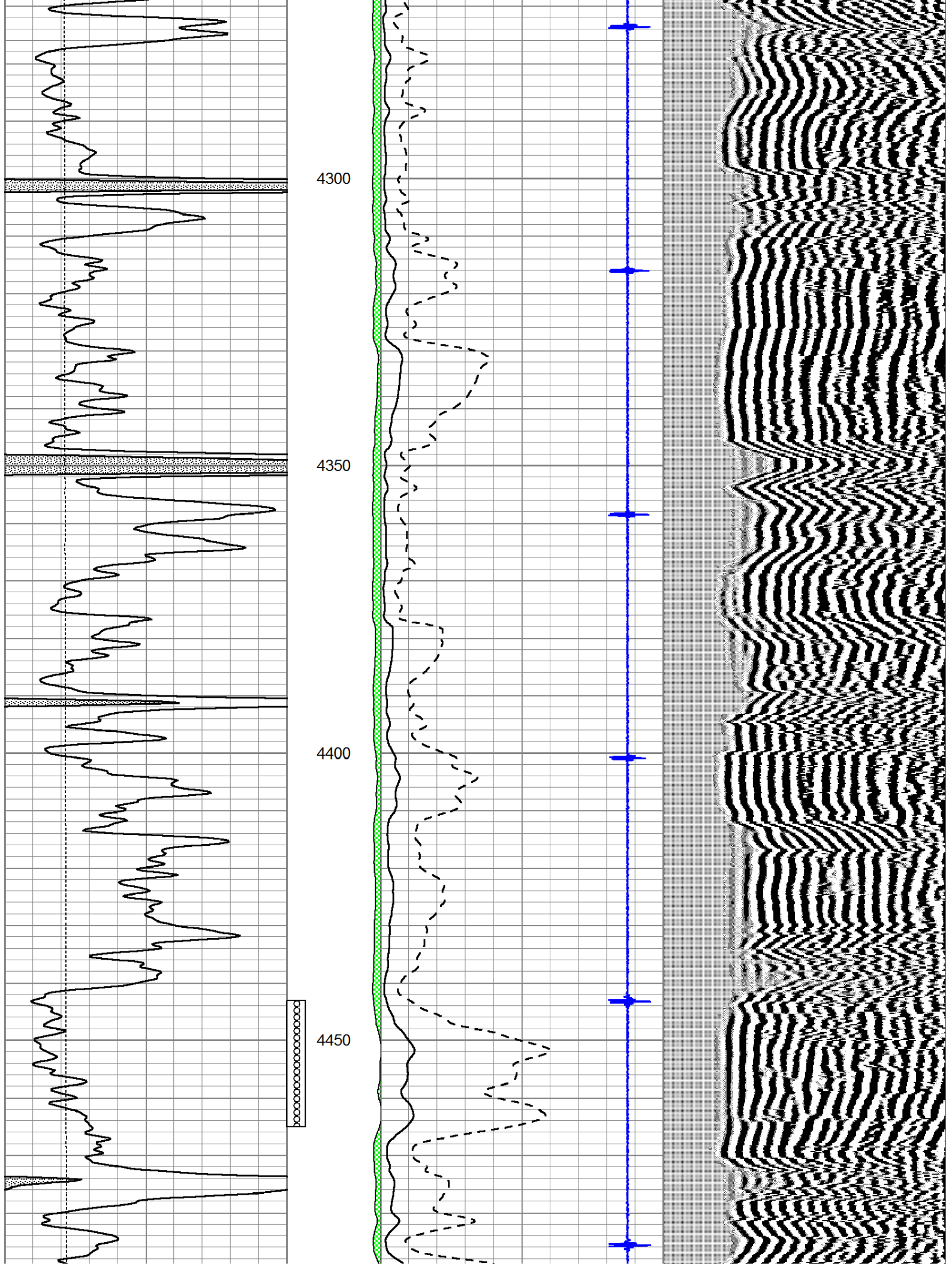
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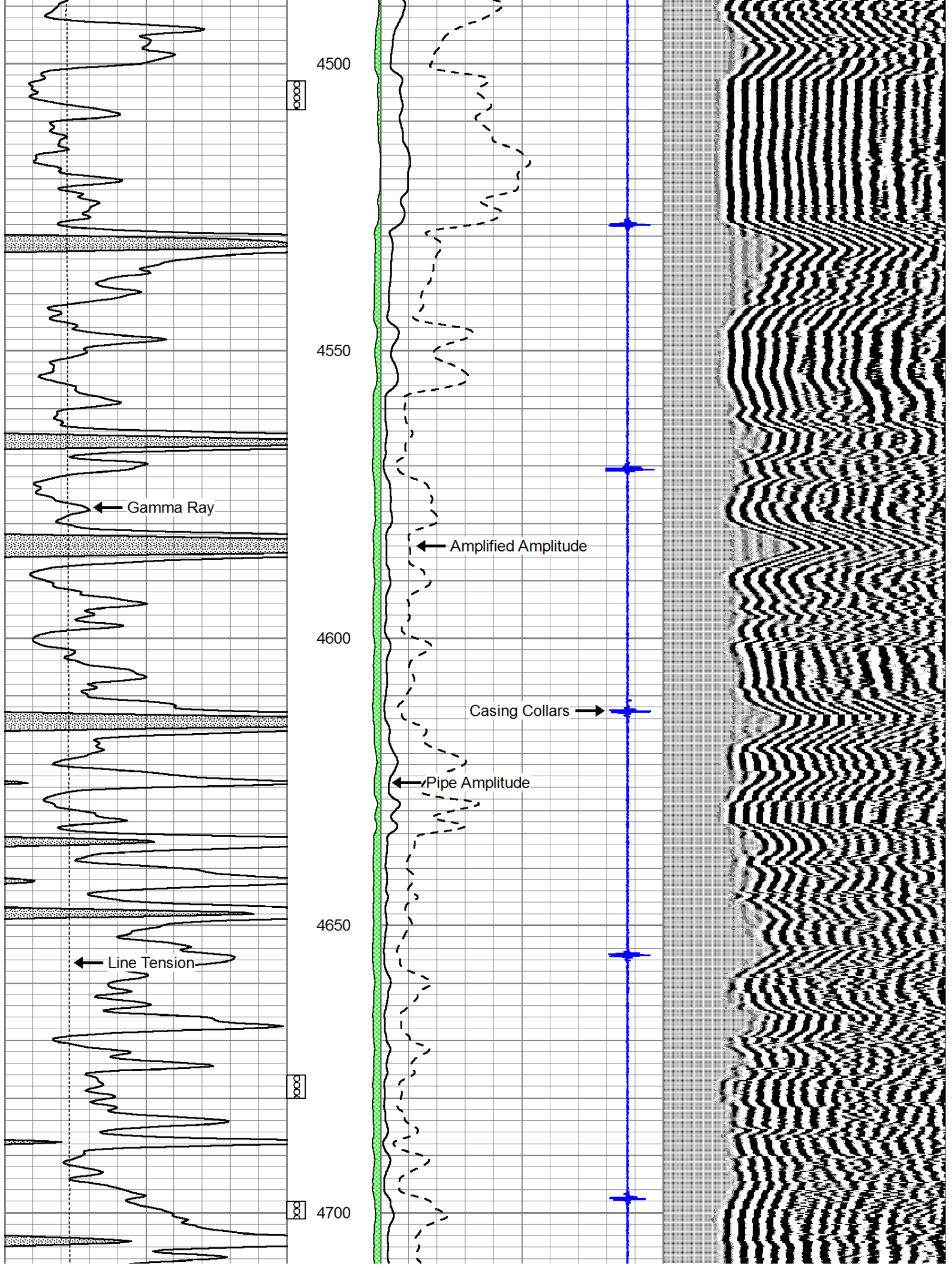
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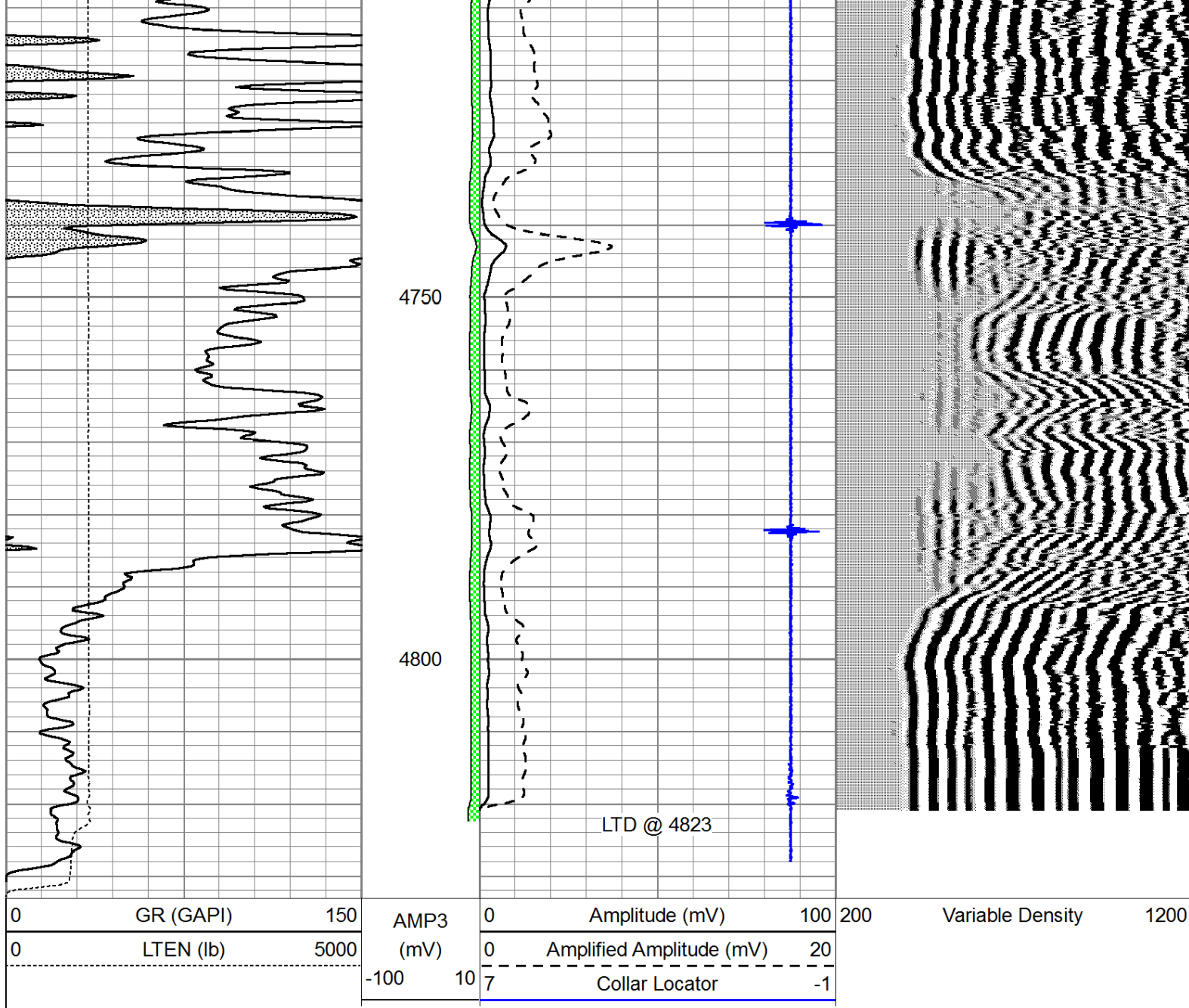
4000











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Repeat Section

Database File: shake_janzen3-36.db
 Dataset Pathname: grcbl/pass3
 Presentation Format: cldig
 Dataset Creation: Tue Mar 11 09:07:49 2014 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

