



Sonic Cement Bond Log

API No.

15-077-21840-0000

Company Atlas Operating, LLC

Well Sanders-Schmisser #5

Field Spivey-Grab-Basil

County Harper State Kansas

Location 2310' FWL & 990' FWL
SE - SW - NW

SE - SW - NW

Sec: 28 Twp: 31S Rge: 8W

Other Services
Perforate

Elevation

Permanent Datum Ground Level Elevation 1556
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly BushingK.B. 1566
D.F. 1568
G.L. 1556

Run Number

One

Date Survey

5/23/2012

Date Cementing

5/18/2012

Type Cementing Operation

Primary

Depth Driller

4570

Depth Logger

4550

Logged Interval

4548 to 1750

Casing Driller

4.5 @ TD

Float Collar -- D.V. Tool

////

Squeeze Depth

////

Amount & Type Cement

////

Amount & Type Admix

////

Type Fluid In Hole

Water

Fluid Level

Full

Salinity PPM CL

////

Weight lb/gal -- Vis.

////

Approx. Logged Cement Top

1892

Calculated Cement Top

////

Max. Hole Temperature

RBT4

Tool No.

3-5

Spacing Recorded

106 Pratt

Equipment -- Location

N. Schmiedler

Recorded By

Lary Priest

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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 Log-Tech, Inc.

(620) 672-8300

Zenda

S to Mag Plant

3 S to 120 RD

1 E

1/2 S

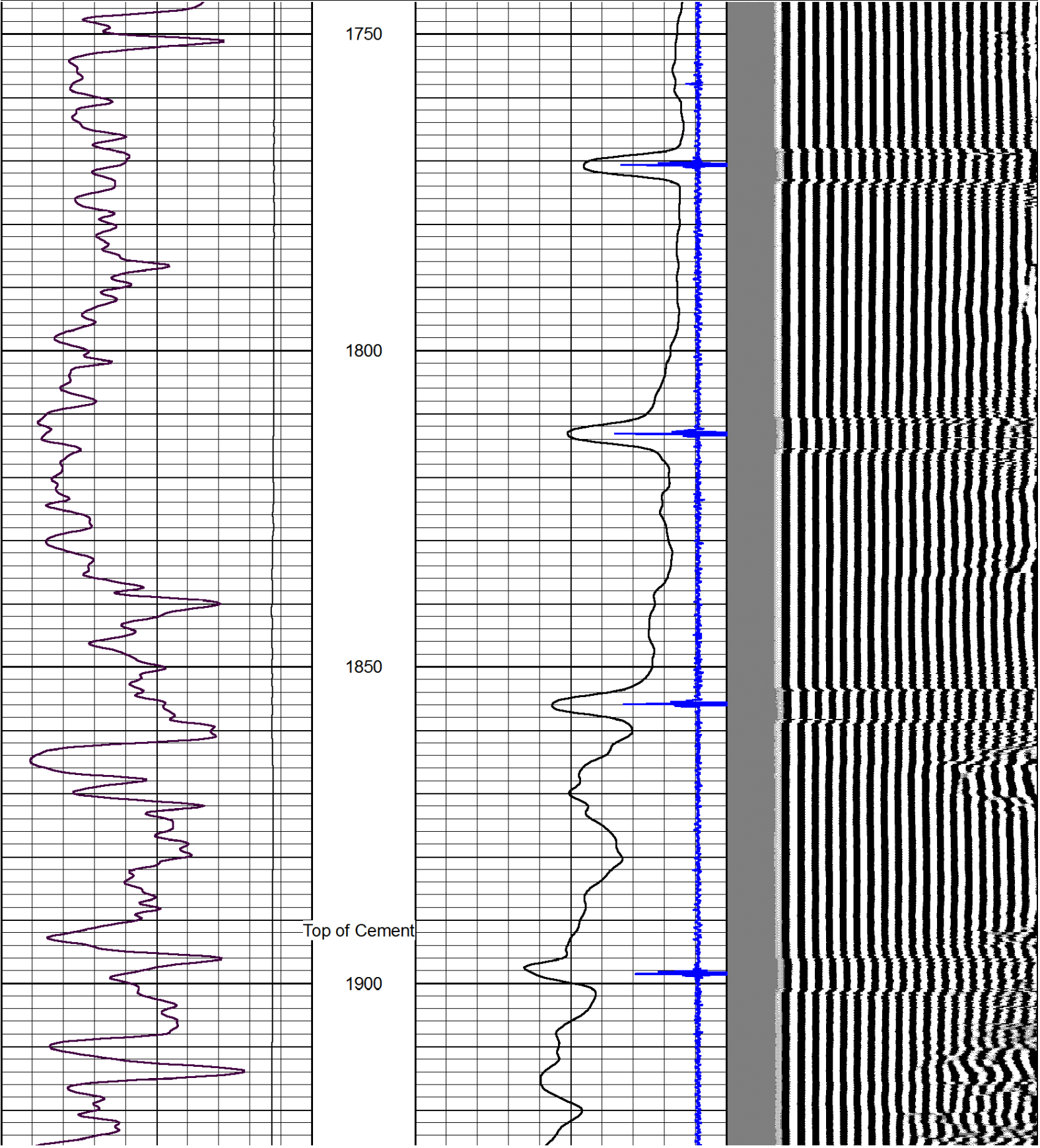
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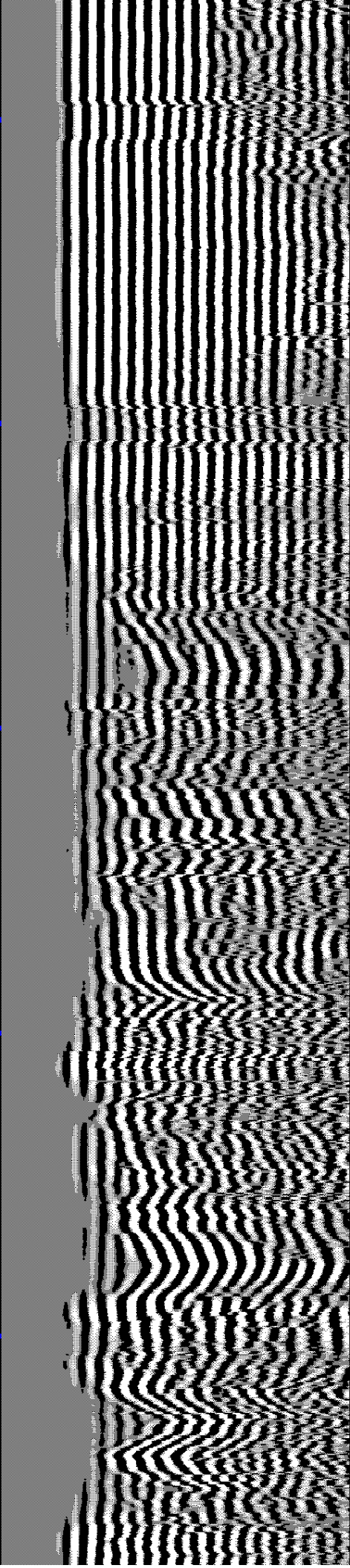
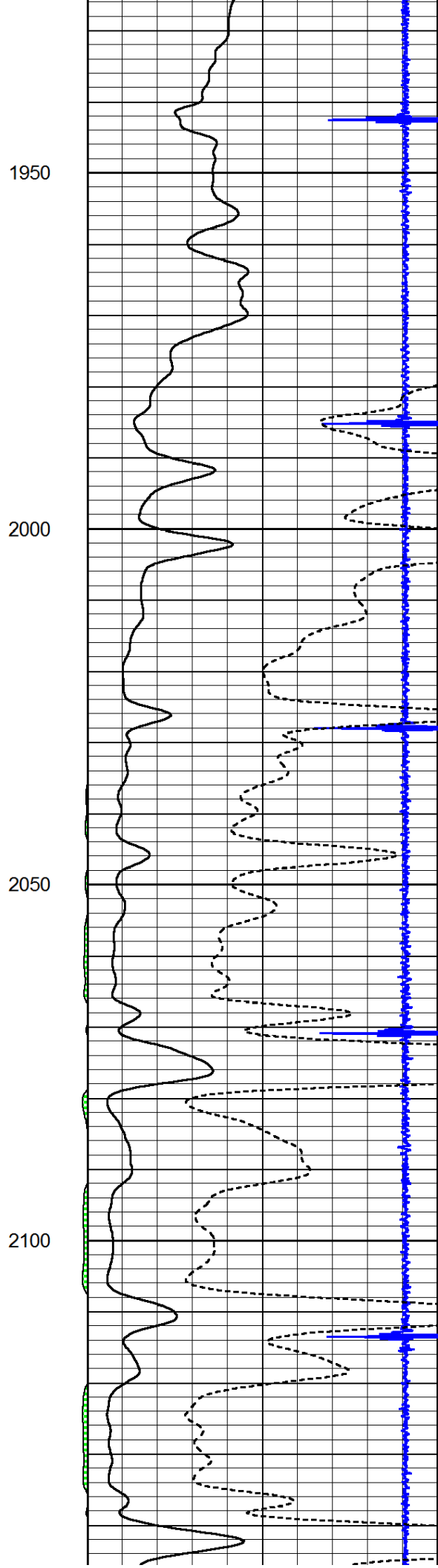
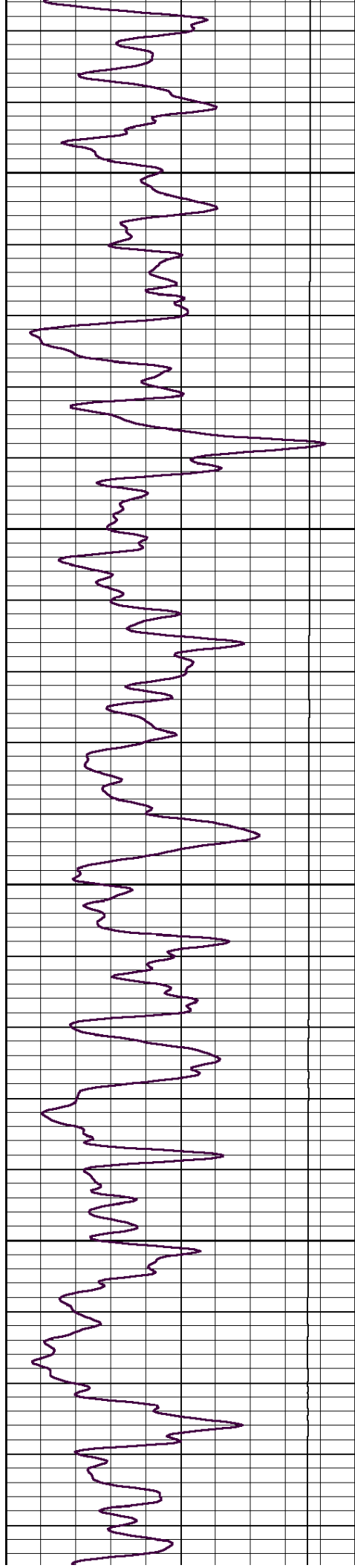


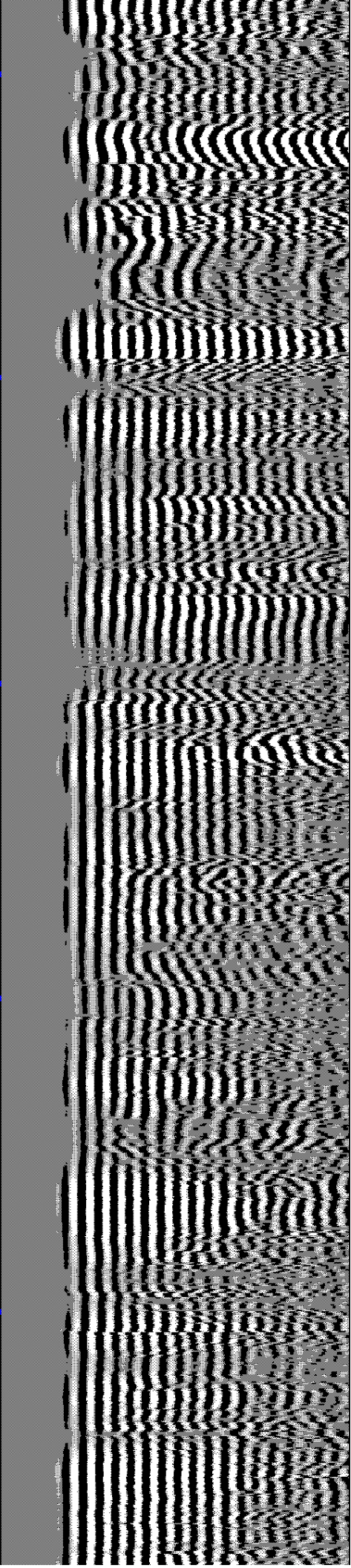
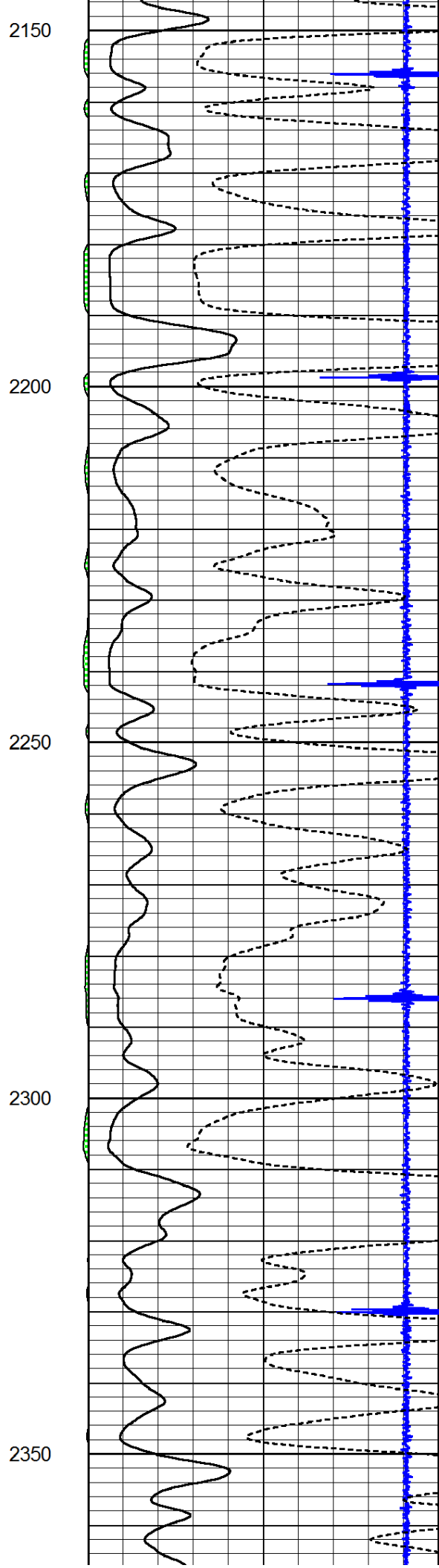
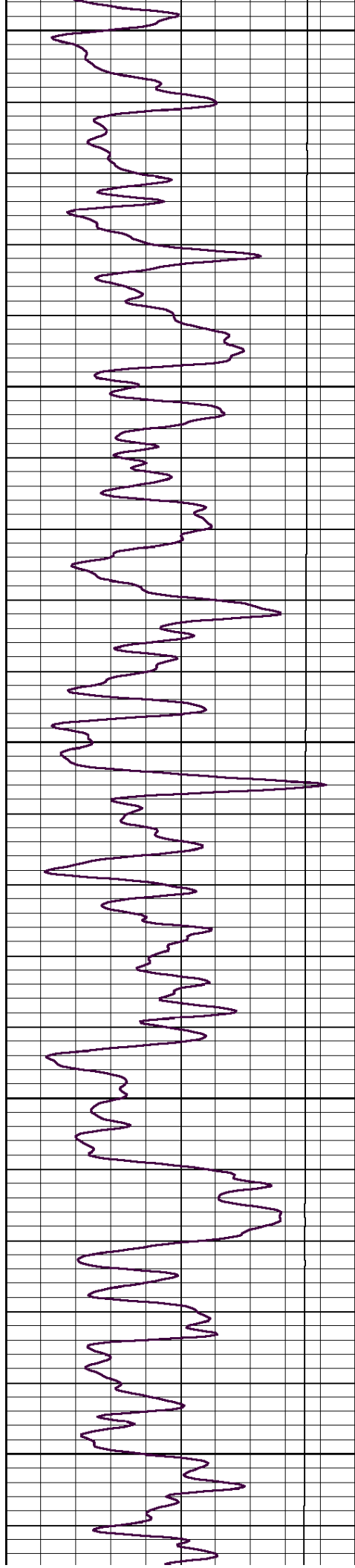
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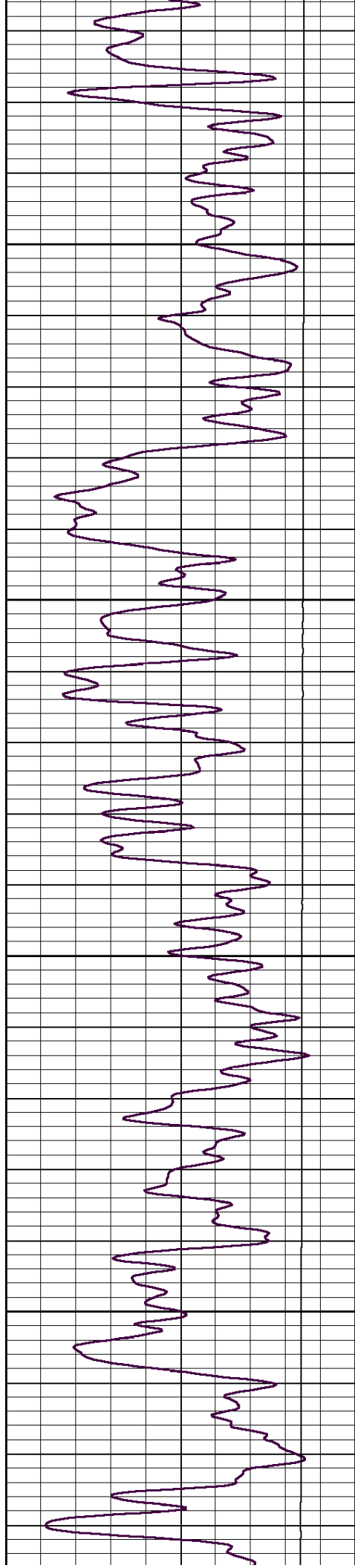
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Dataset Pathname: grcbl/pass6
Presentation Format: cbldr
Dataset Creation: Wed May 23 09:47:04 2012 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	amp3ft	6	Casing Collars	-0.6	200	wvf5ft	1200
			(mV)	0	Amplified Amplitude (mV)	100			
			-100 10	0	Pipe Amplitude (mV)	20			







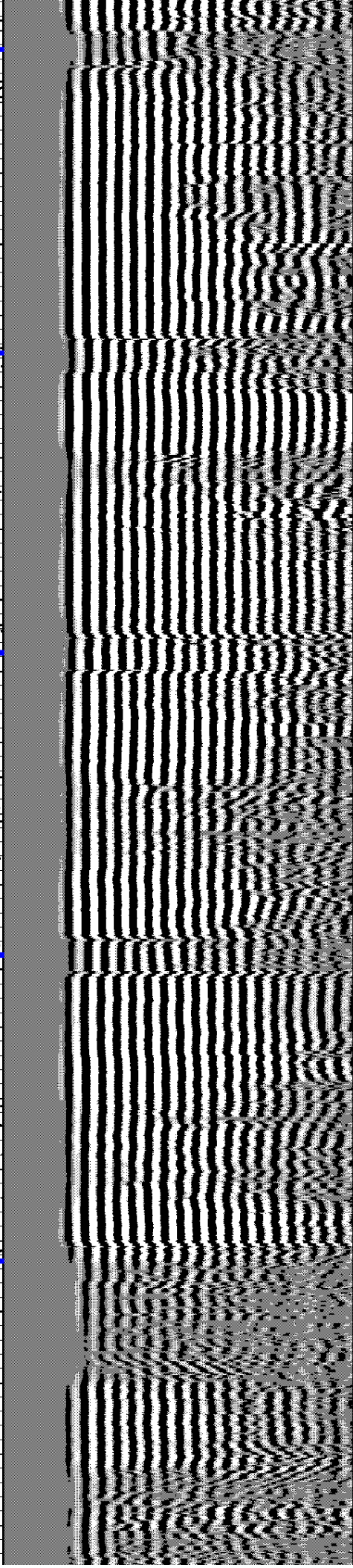
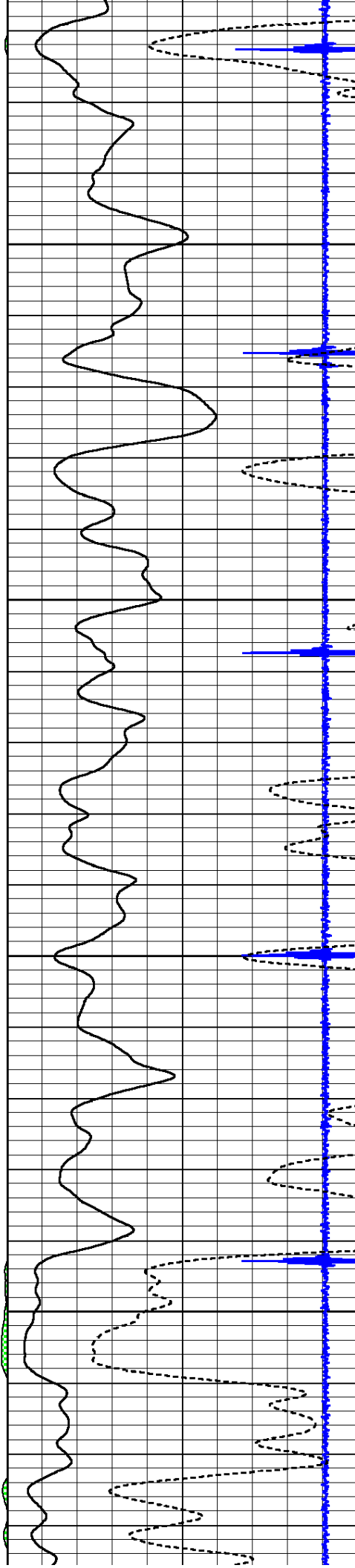


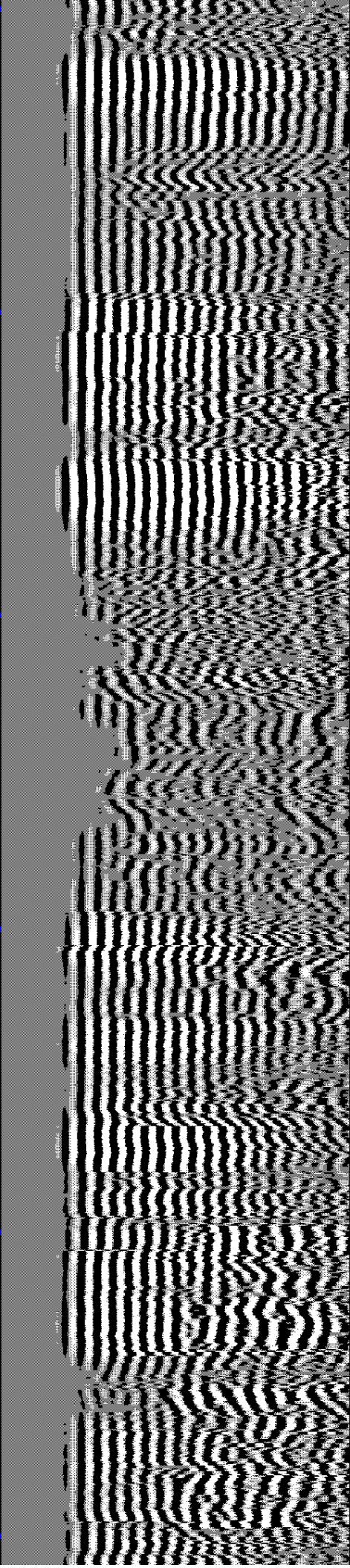
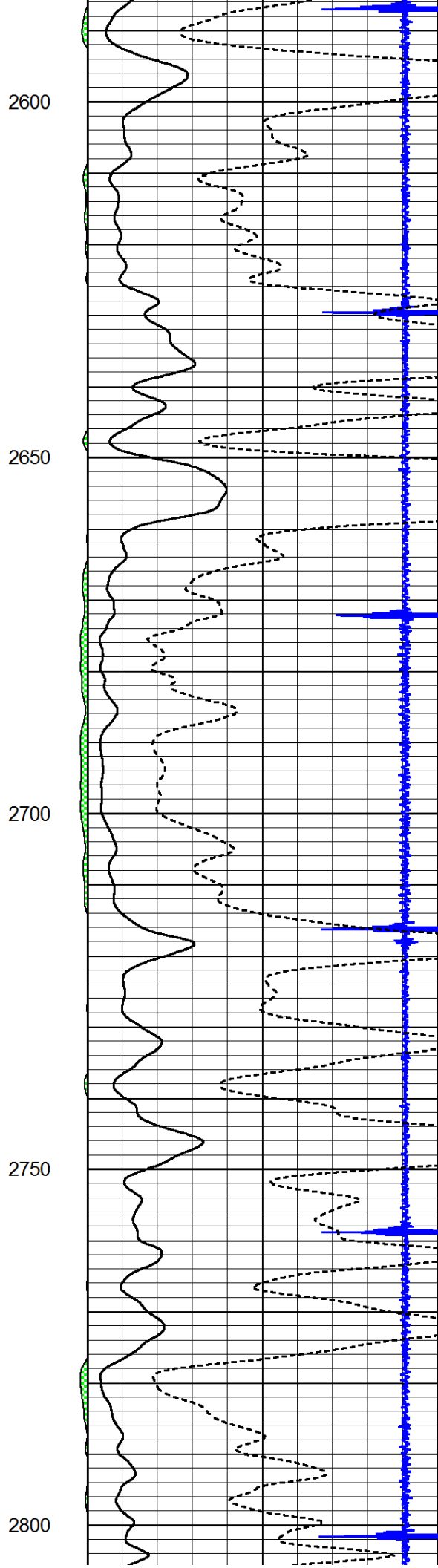
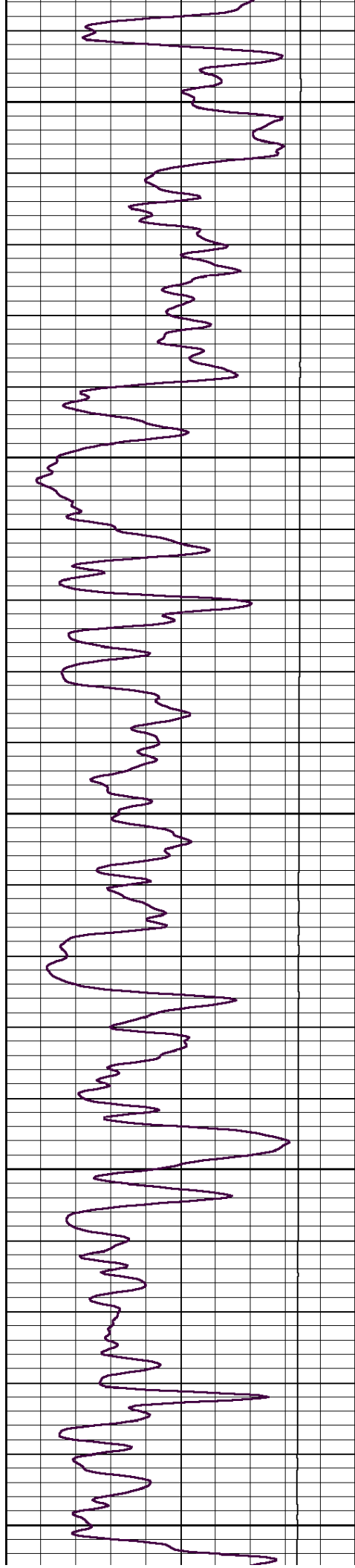
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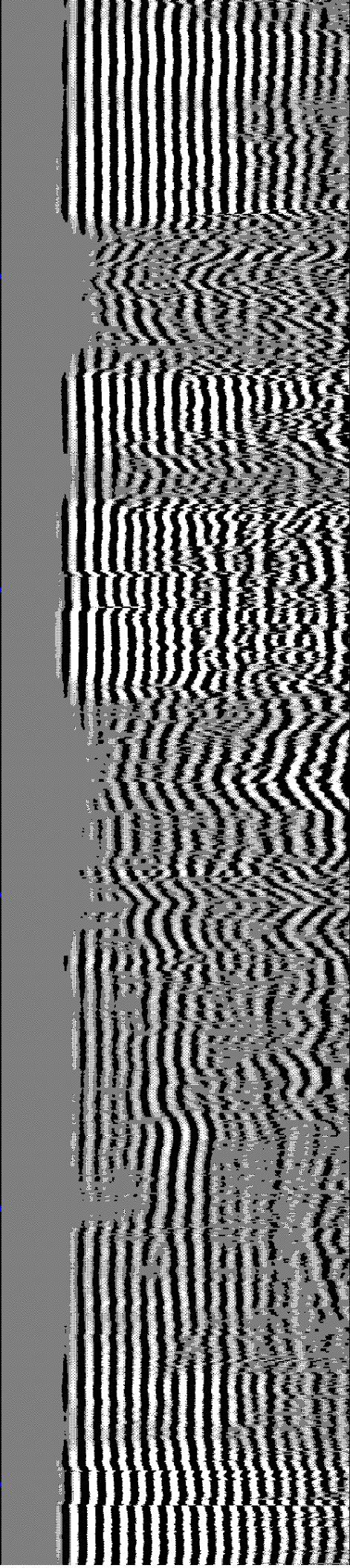
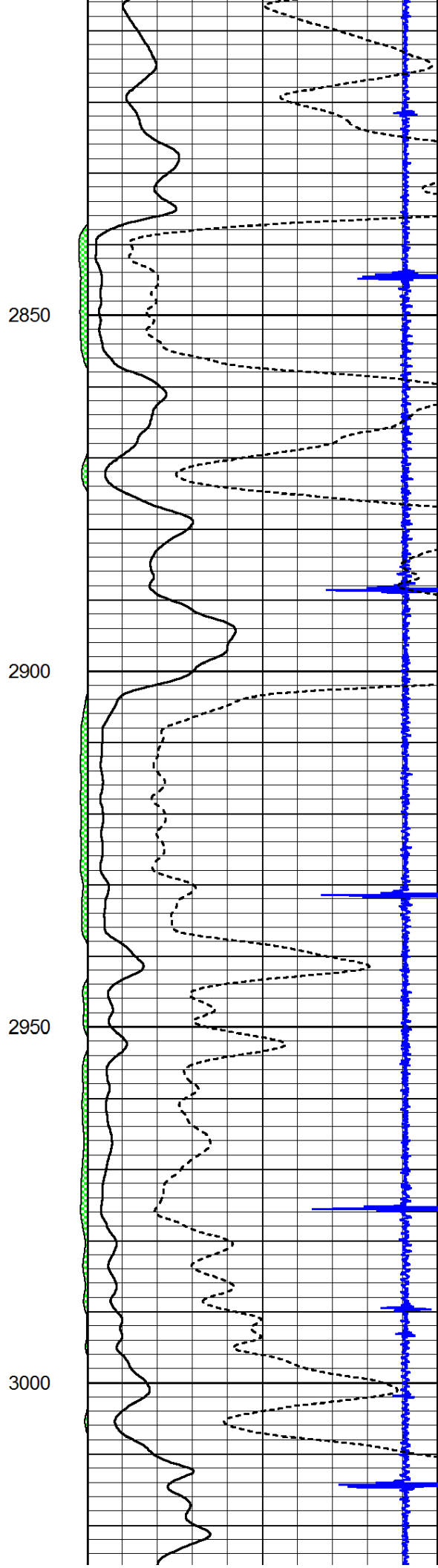
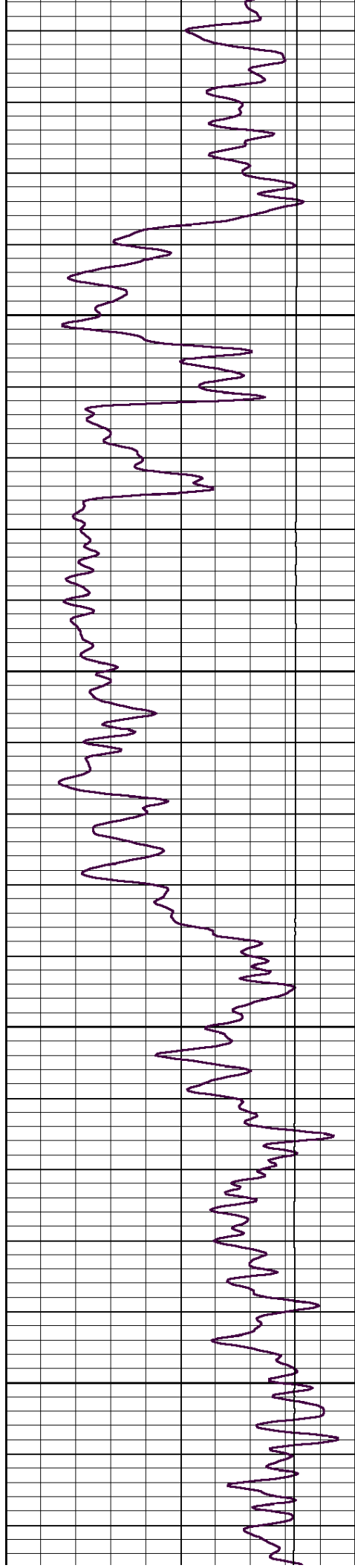
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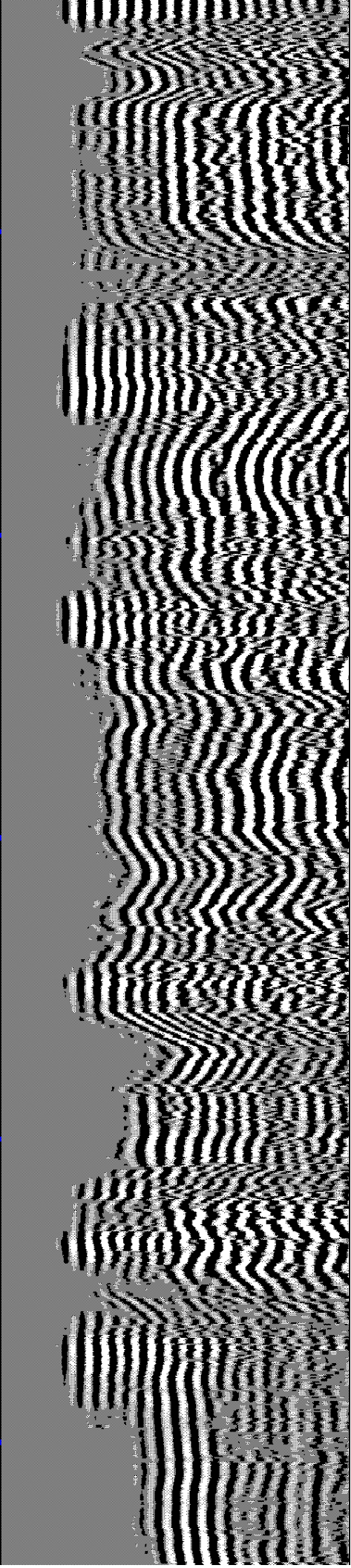
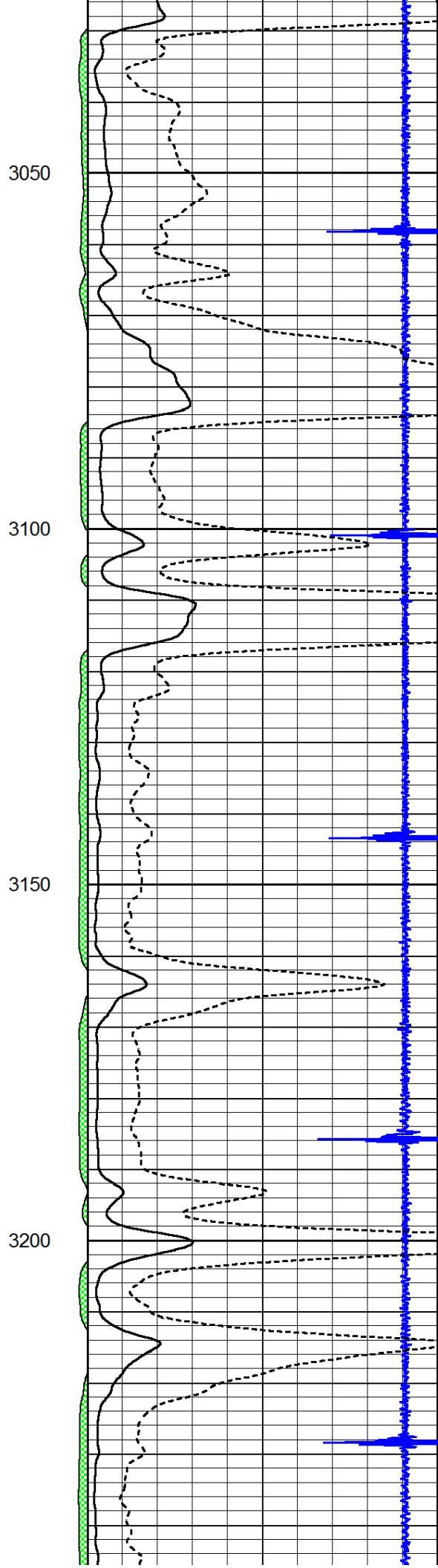
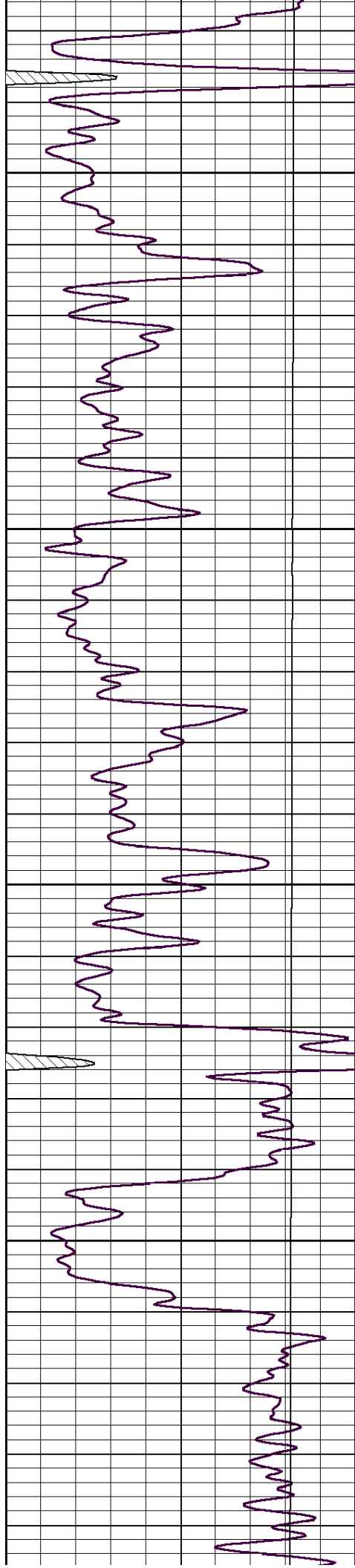
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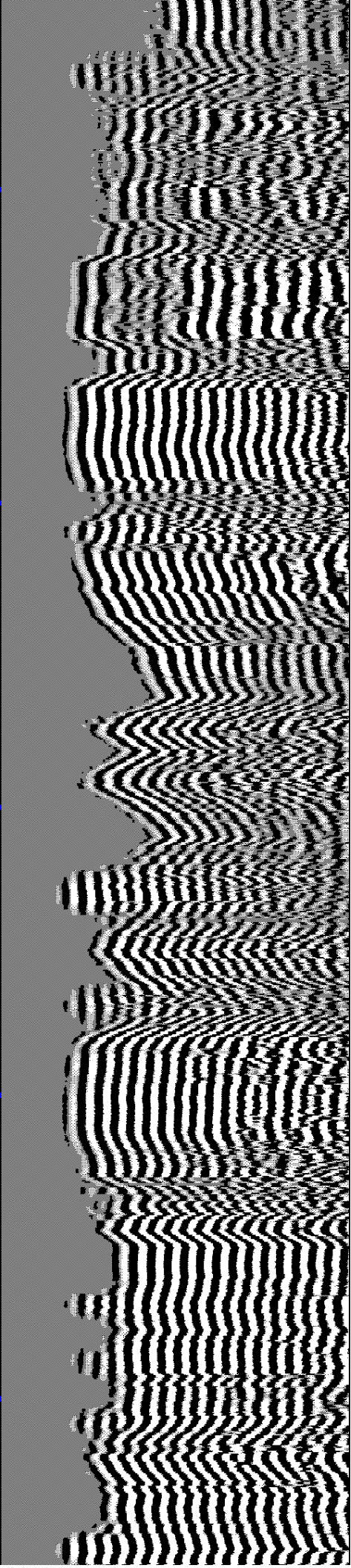
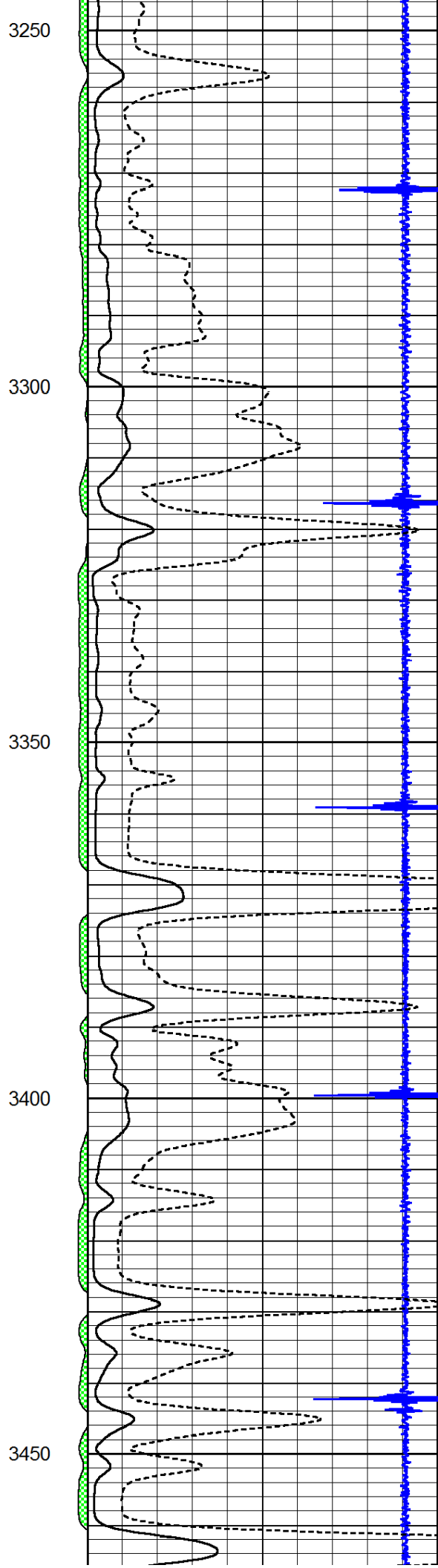
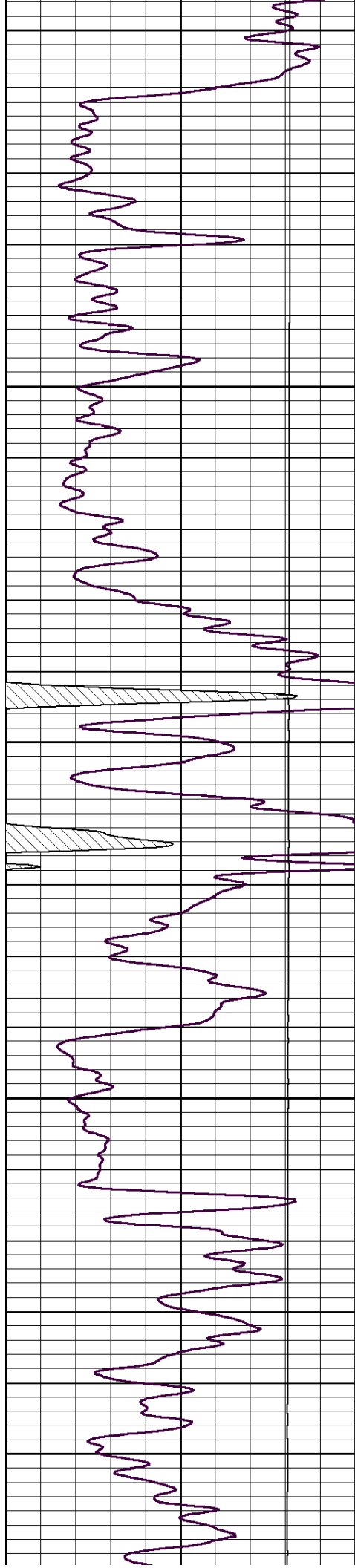
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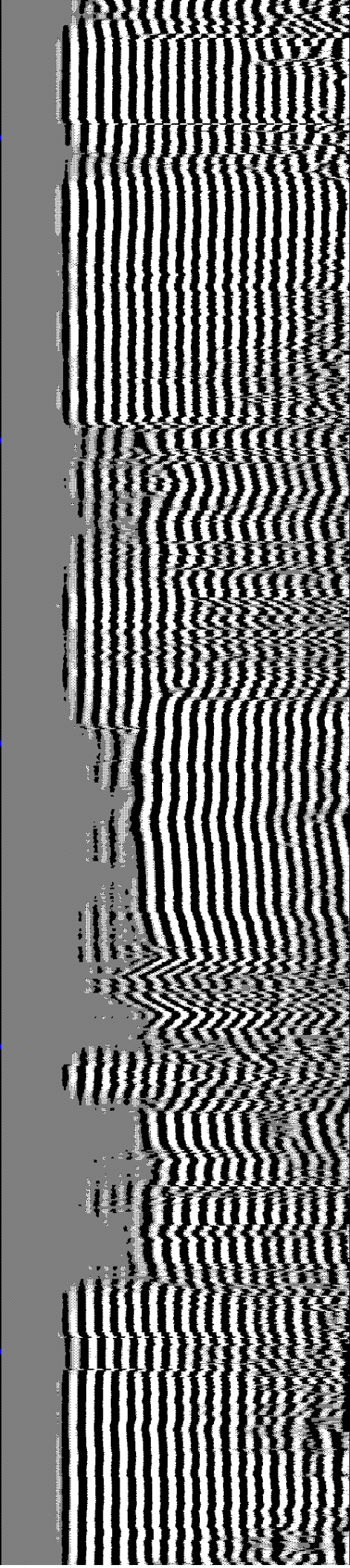
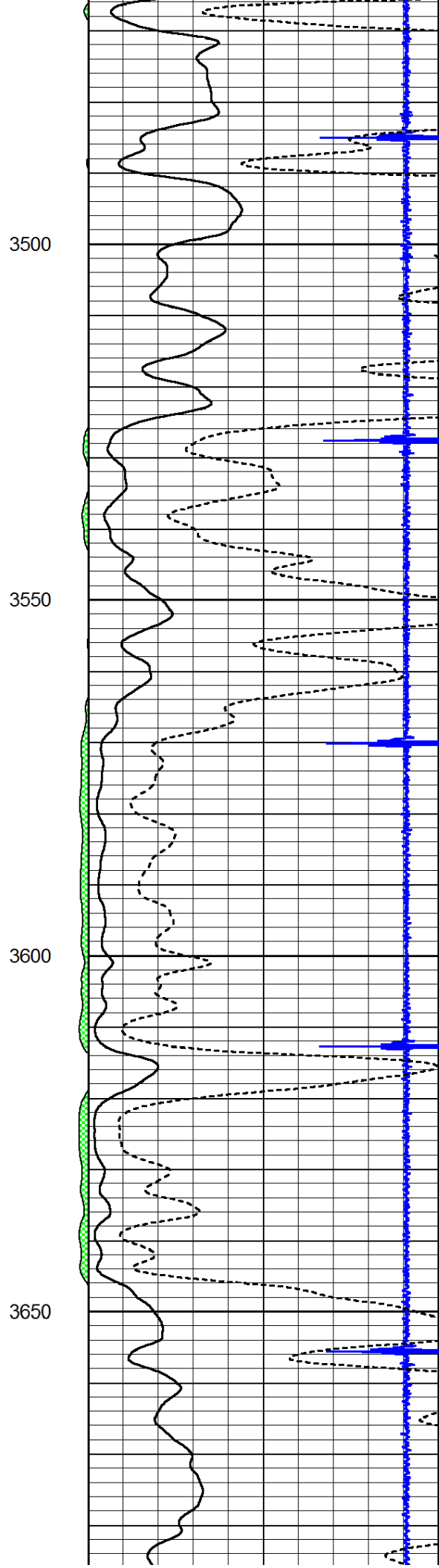
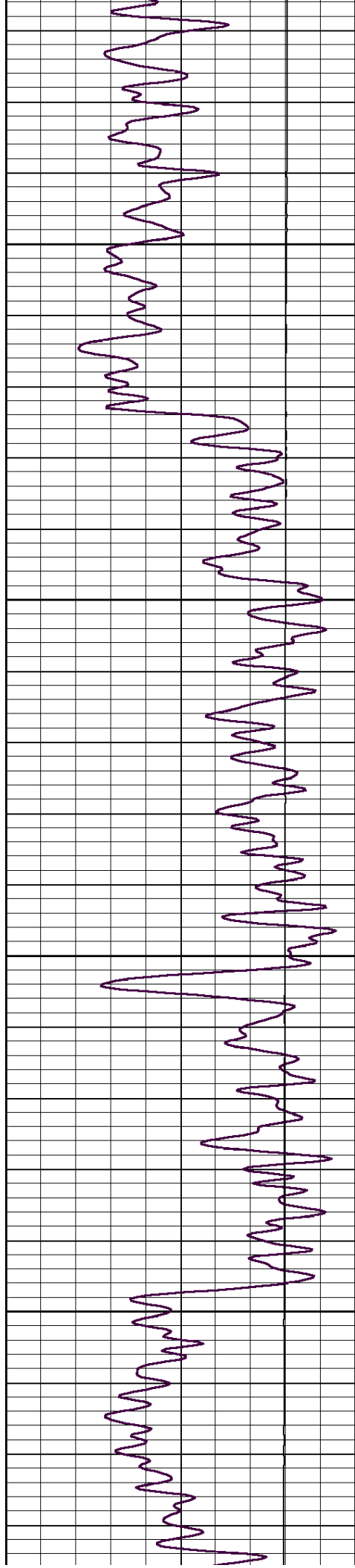


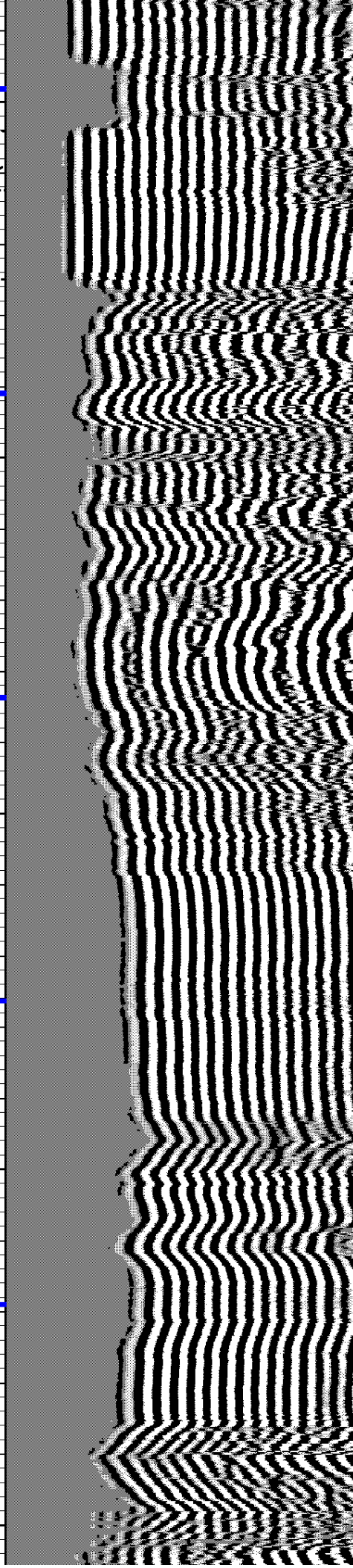
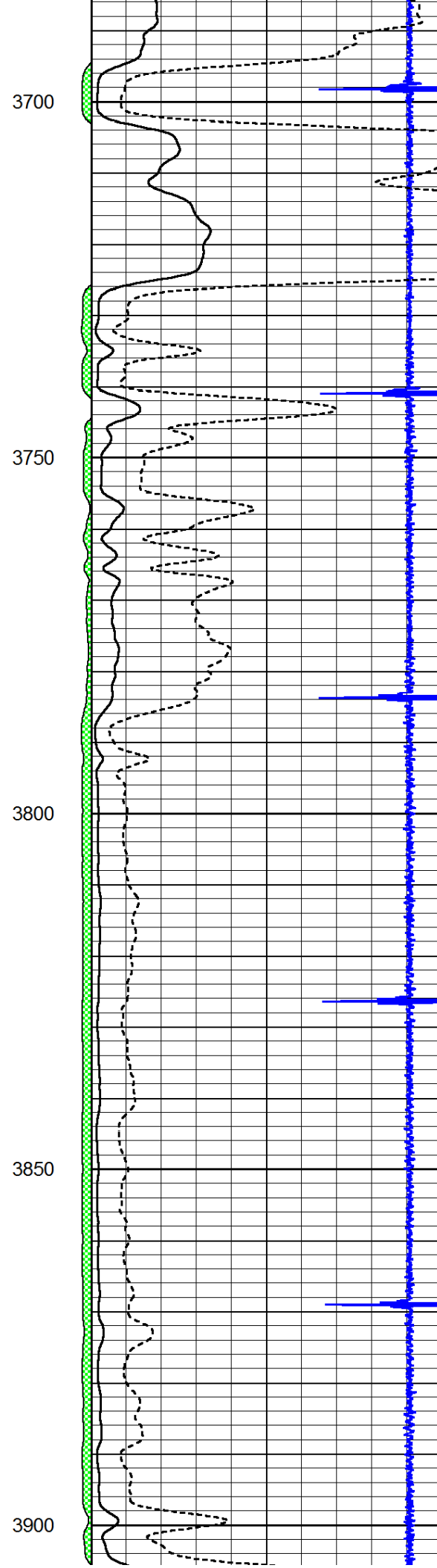
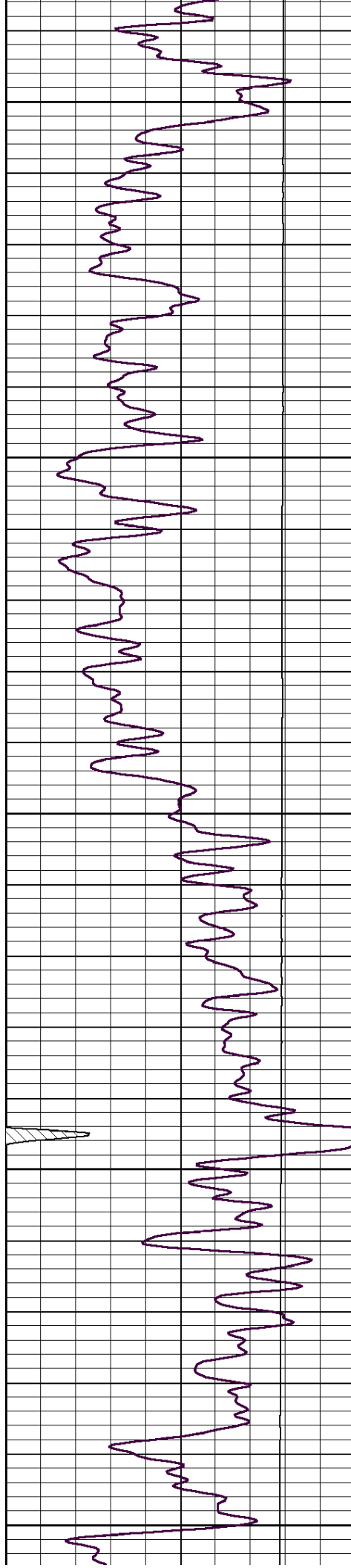


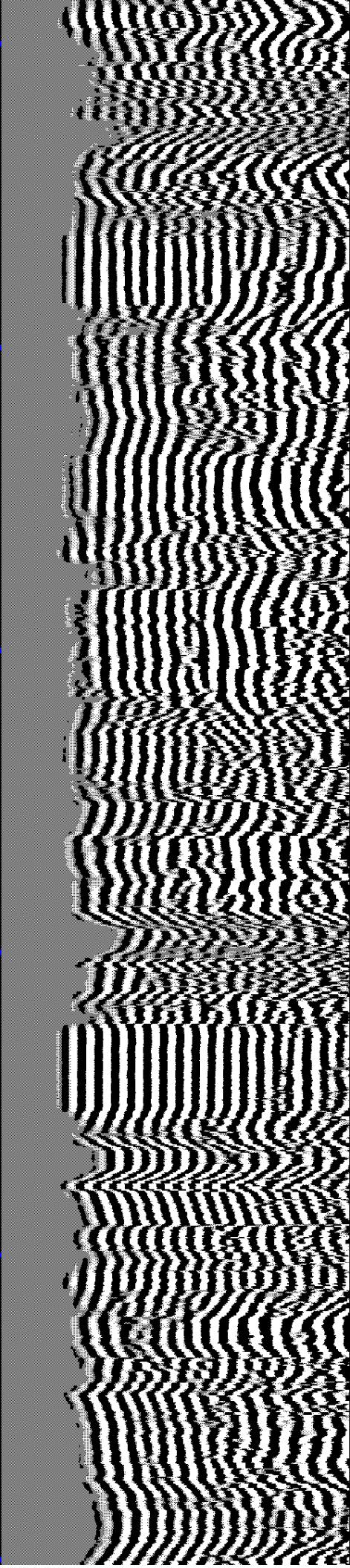
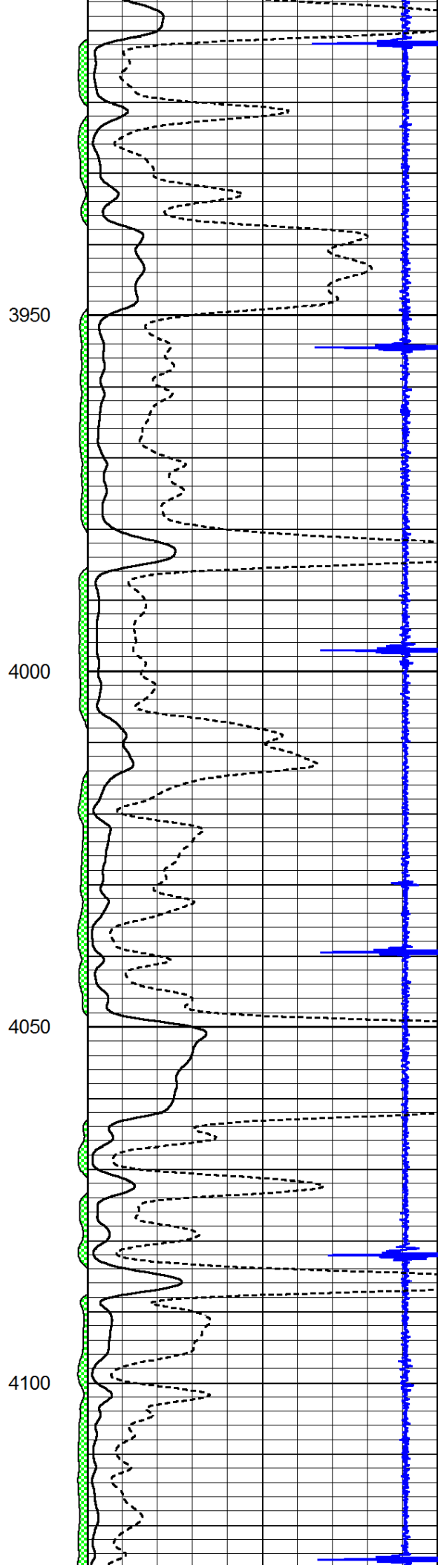
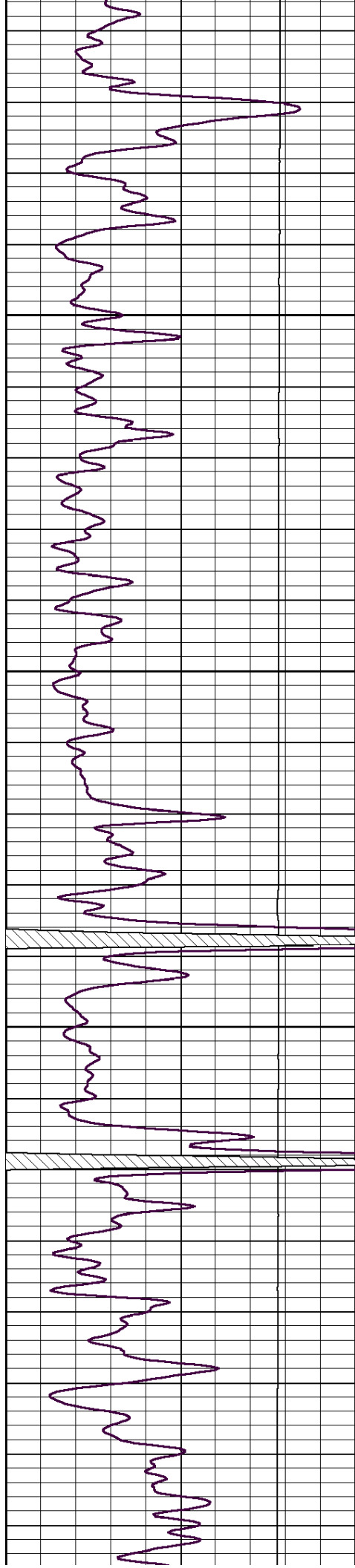


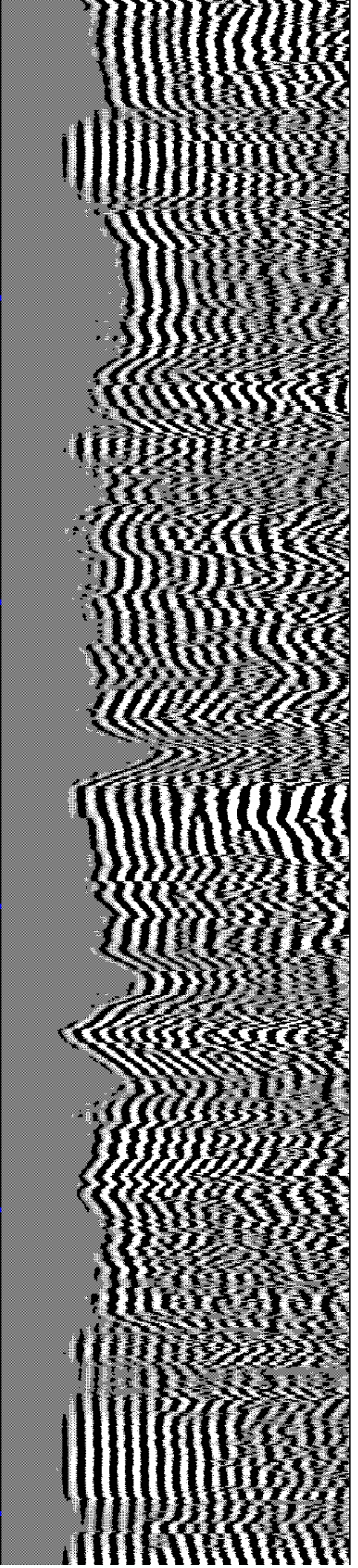
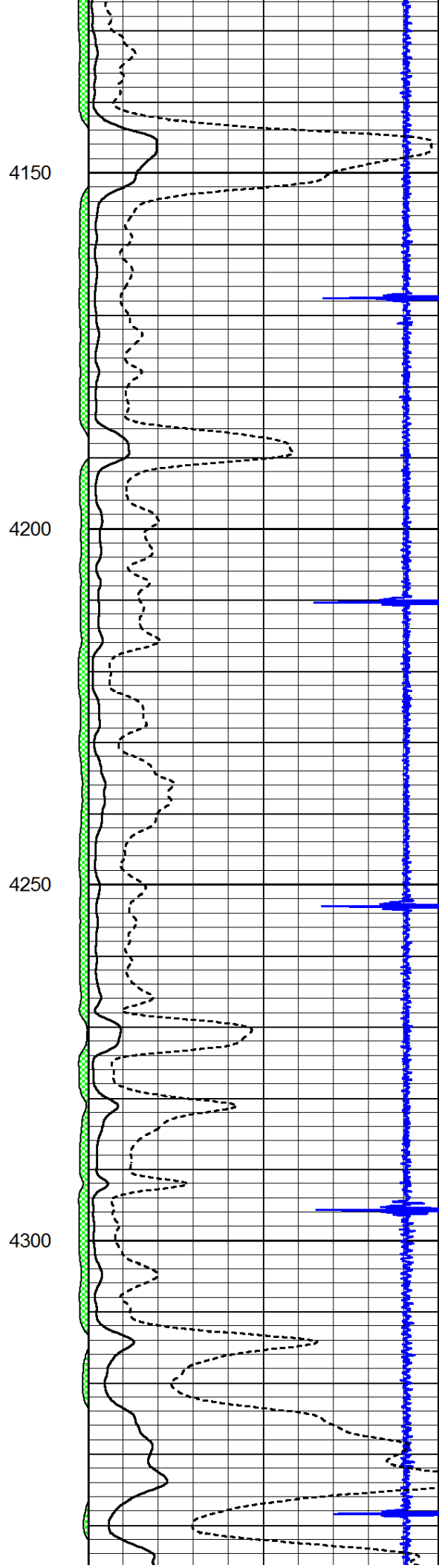
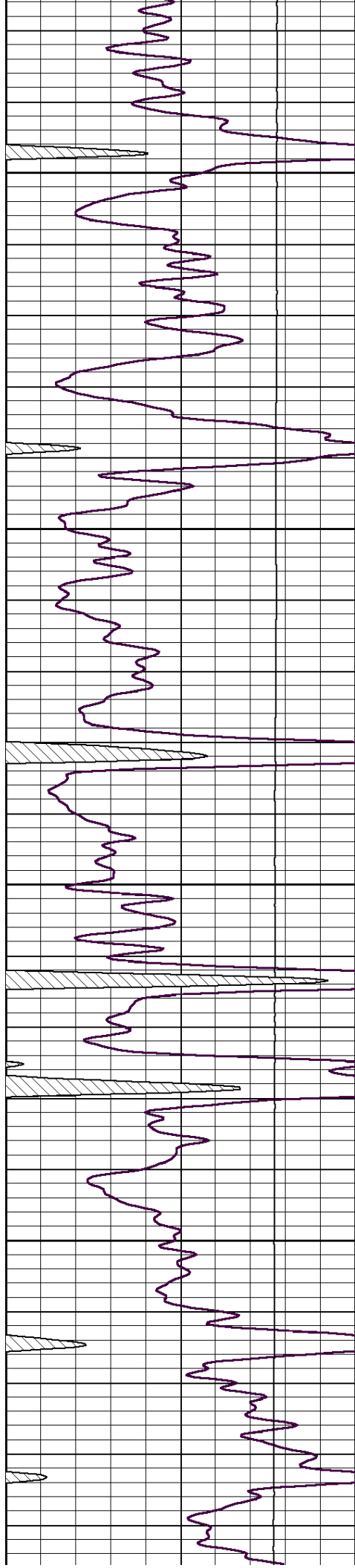


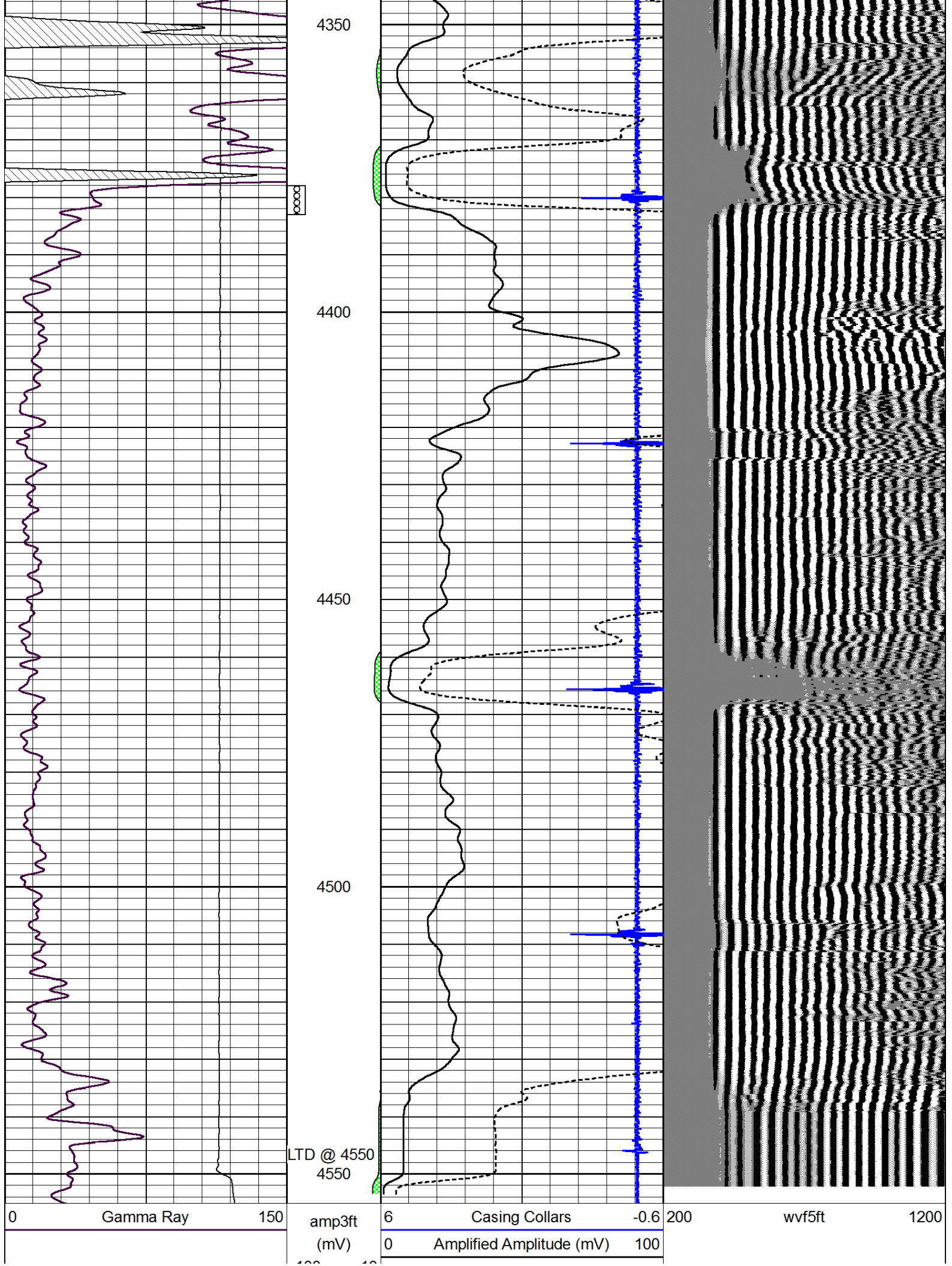














Repeat Section

Database File: atlas_sanders_schmisseur_5.db
Dataset Pathname: grcbl/pass5
Presentation Format: cbldr
Dataset Creation: Wed May 23 09:41:30 2012 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	amp3ft	6	Casing Collars	-0.6	200	wvf5ft	1200
			(mV)	0	Amplified Amplitude (mV)	100			
			-100	10	Pipe Amplitude (mV)	20			

