



Sonic Cement Bond Log

Pioneer Energy Services

API No.

15-171-20909-00-00

Company Shakespeare Oil Company, Inc.

Well Janzen No. 1-26

Field Wildcat

County Scott State Kansas

Location 2000' FSL & 900' FEL

SE/4

Sec: 26 Twp: 16S Rge: 34W

Other Services

Perforate

Permanent Datum Ground Level

Elevation 3109

Log Measured From Kelly Bushing 10' Ft. Above Perm. Datum

K.B. 3119
D.F. 3118
G.L. 3109

Drilling Measured From Kelly Bushing

Run Number One

Date Survey 10/19/2012

Date Cementing 10/16/2012

Type Cementing Operation Primary

Depth Driller 4870

Depth Logger 4817

Logged Interval 4815 to 3300

Casing Driller 5.5 @ T.D.

Float Collar -- D.V. Tool 2407 @

Squeeze Depth 2407

Amount & Type Cement

Amount & Type Admix

Type Fluid In Hole Water

Fluid Level 300

Salinity PPM CL

Weight lb/gal -- Vis. 3530

Approx. Logged Cement Top

Calculated Cement Top

Max. Hole Temperature 111

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

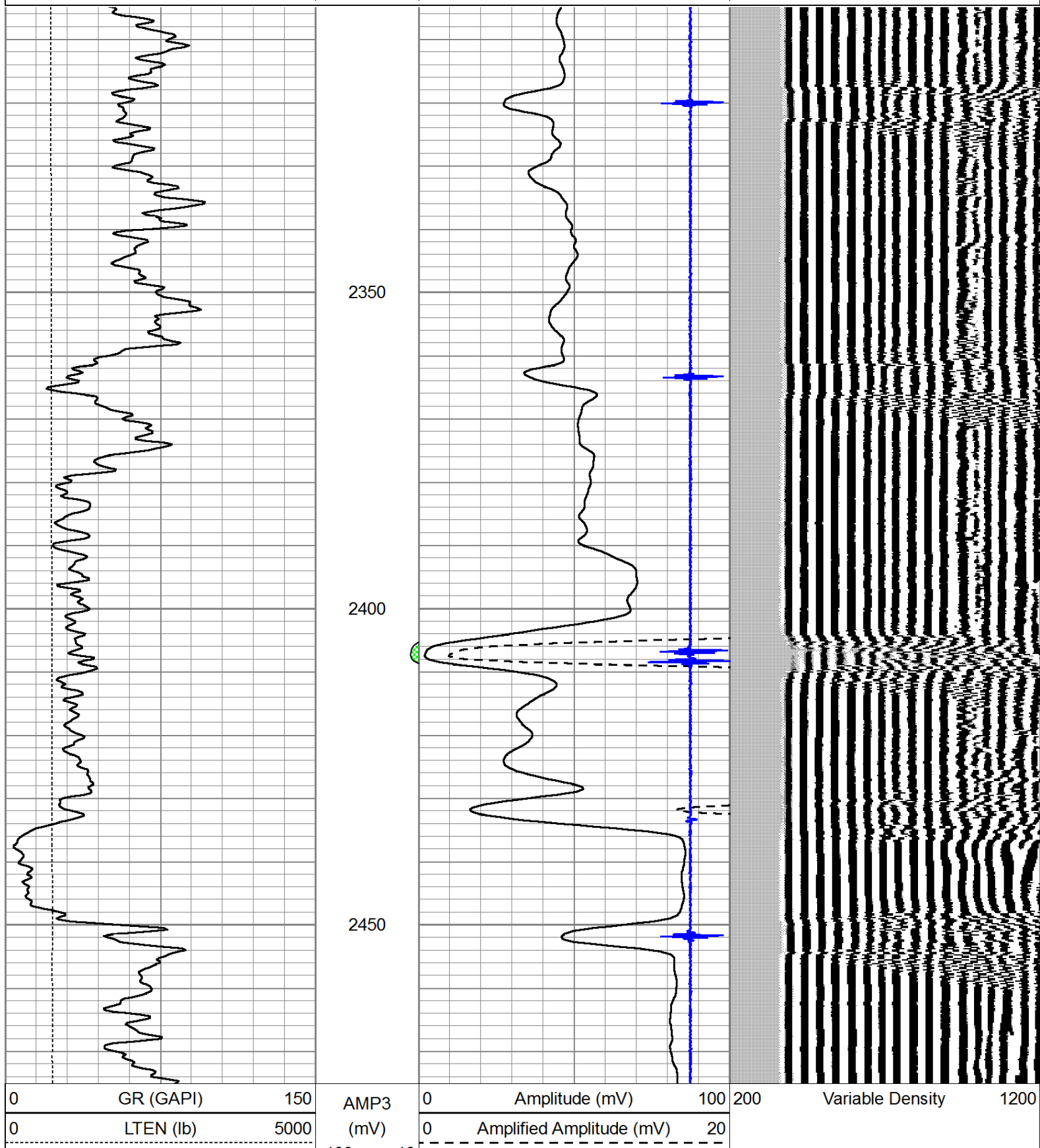
Pence, KS., 2 East to Eagle Road, 1.75 South
West Into.



Port Collar @ 2407

Database File: shake-janzen1-26.db
Dataset Pathname: janzen1-2/grcbl/pass4
Presentation Format: cldig
Dataset Creation: Fri Oct 19 13:44:23 2012 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		

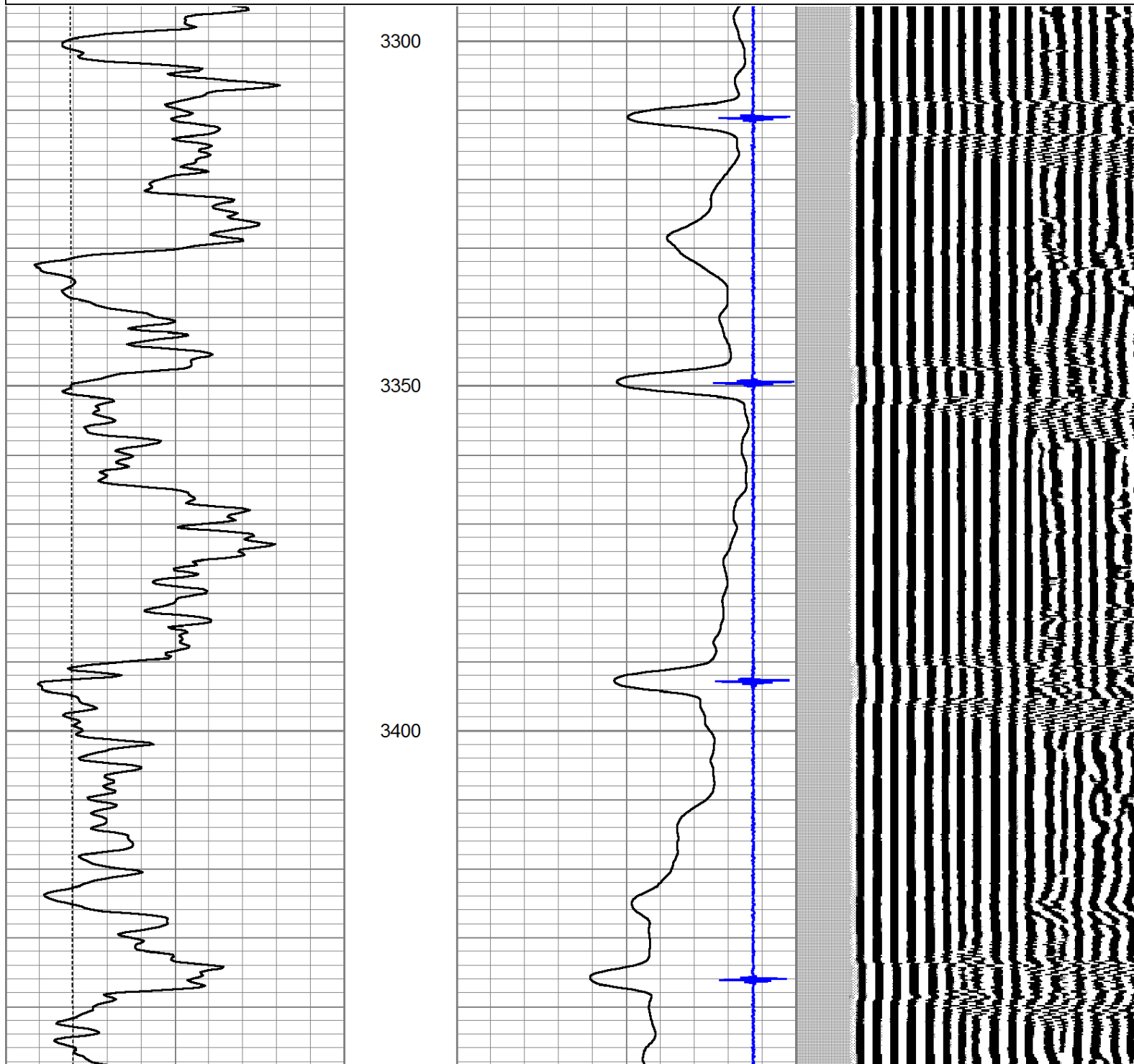


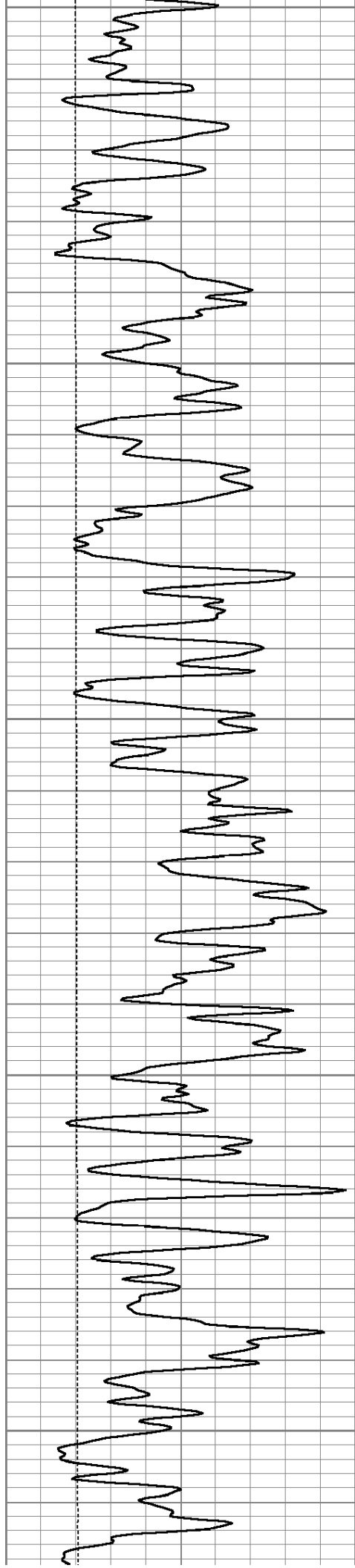


Main Pass

Database File: shake-janzen1-26.db
Dataset Pathname: janzen1-2/grcbl/pass3.2
Presentation Format: cbldig
Dataset Creation: Fri Oct 19 13:47:00 2012
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			
			-10010	7	Collar Locator	-1			





3450

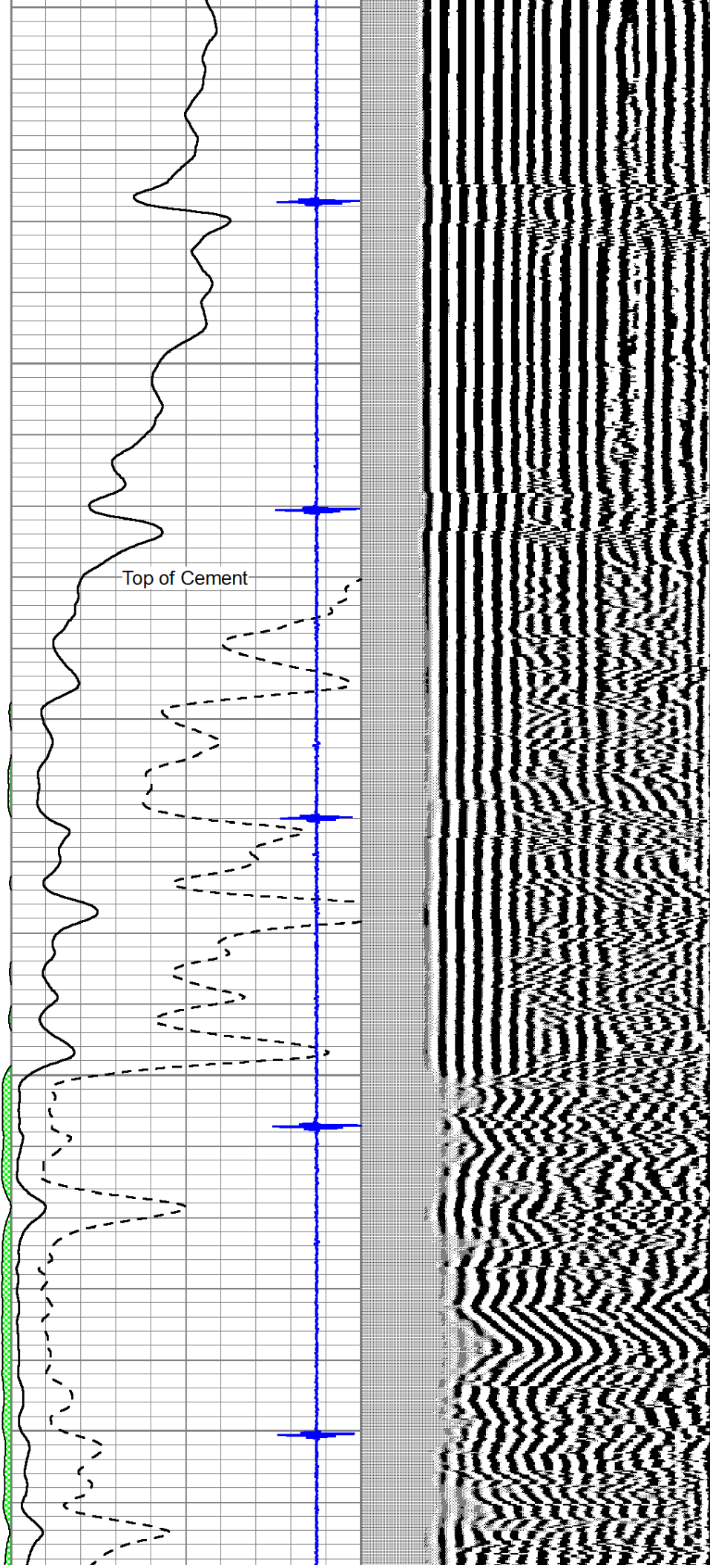
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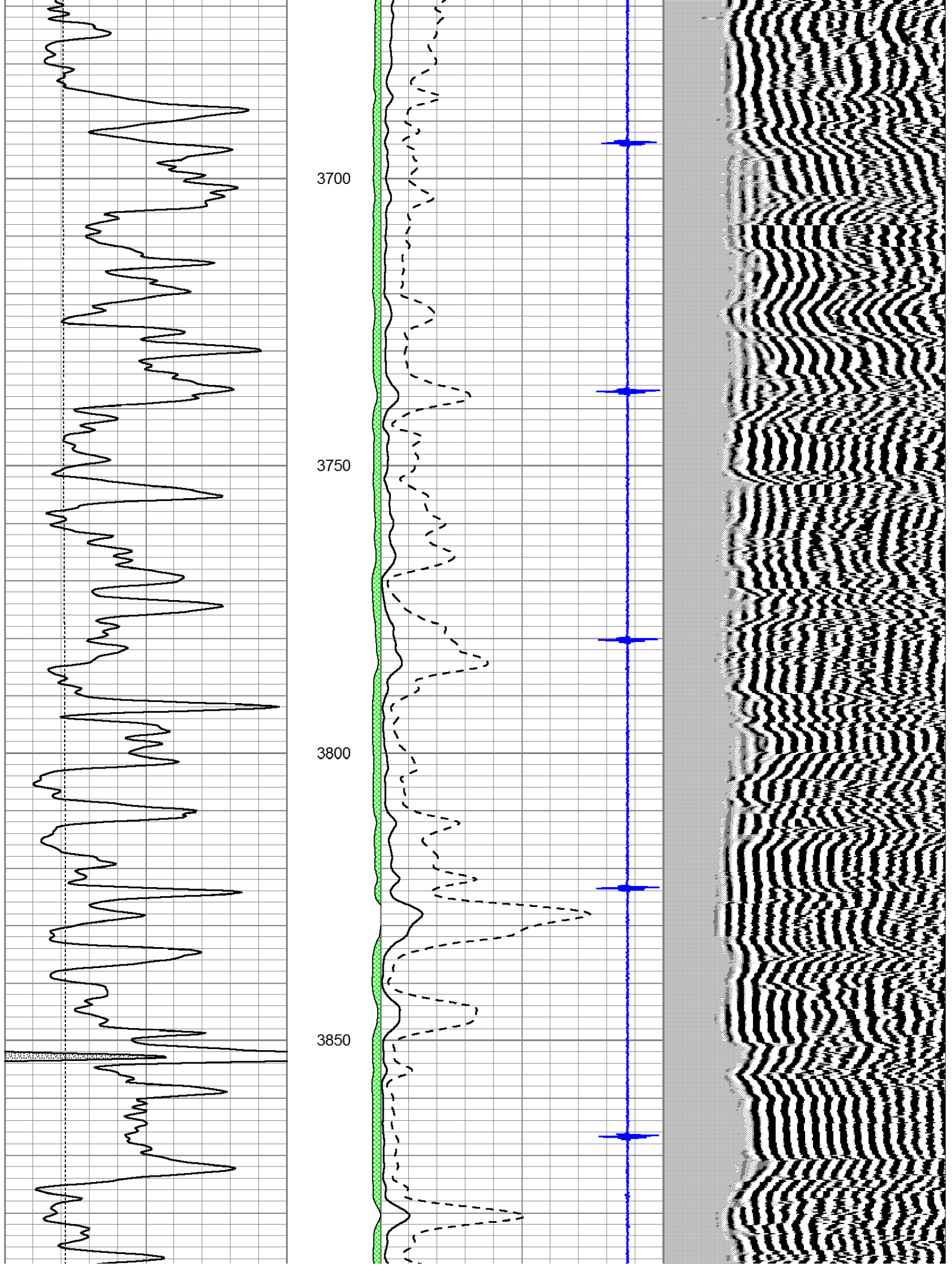
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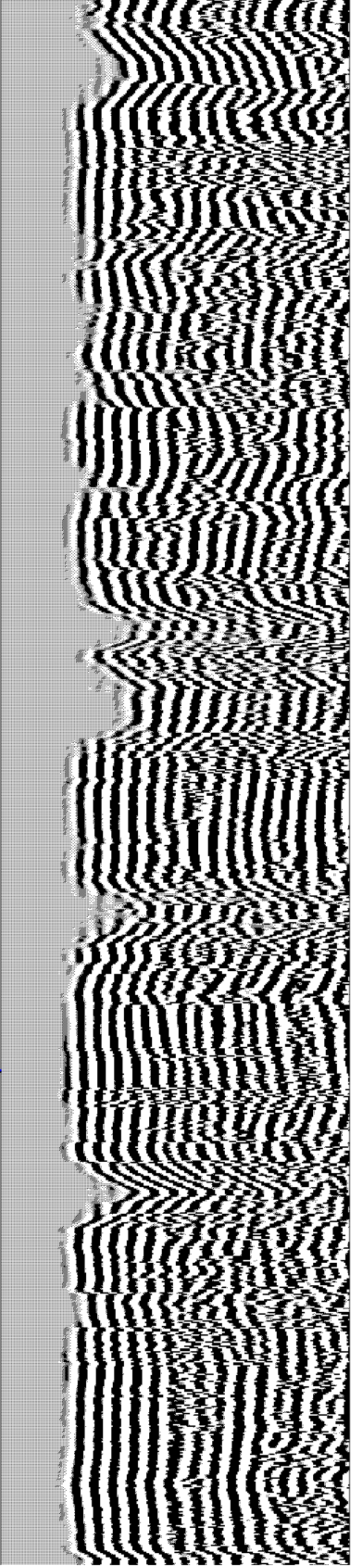
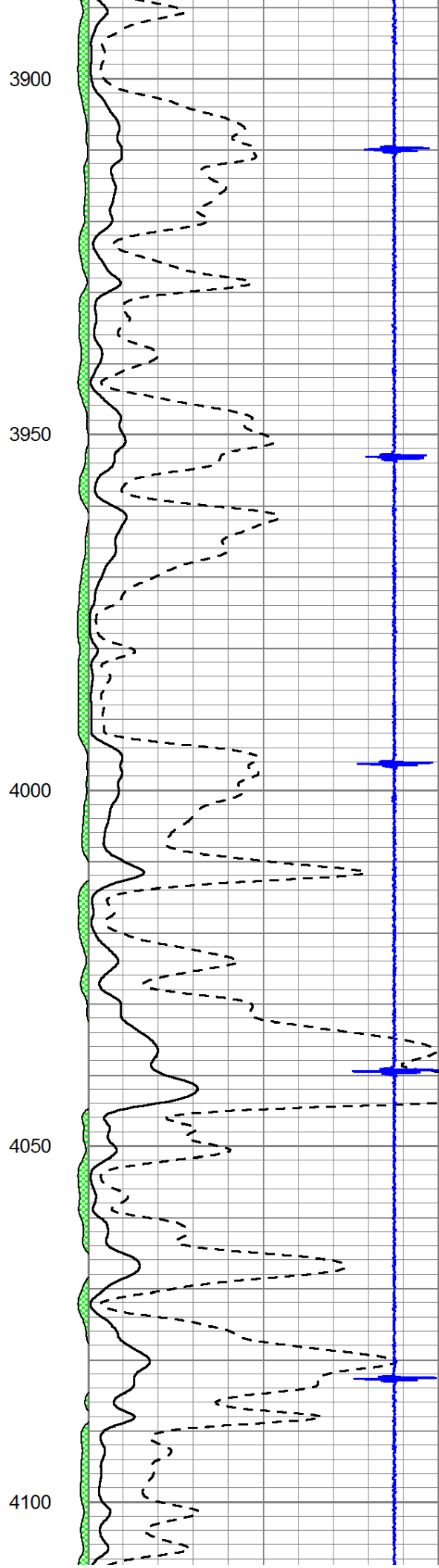
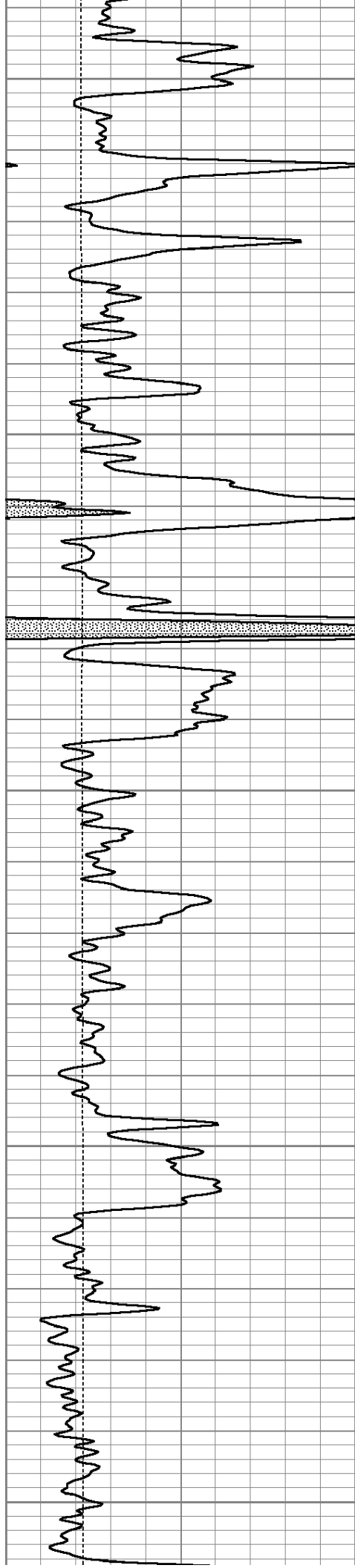
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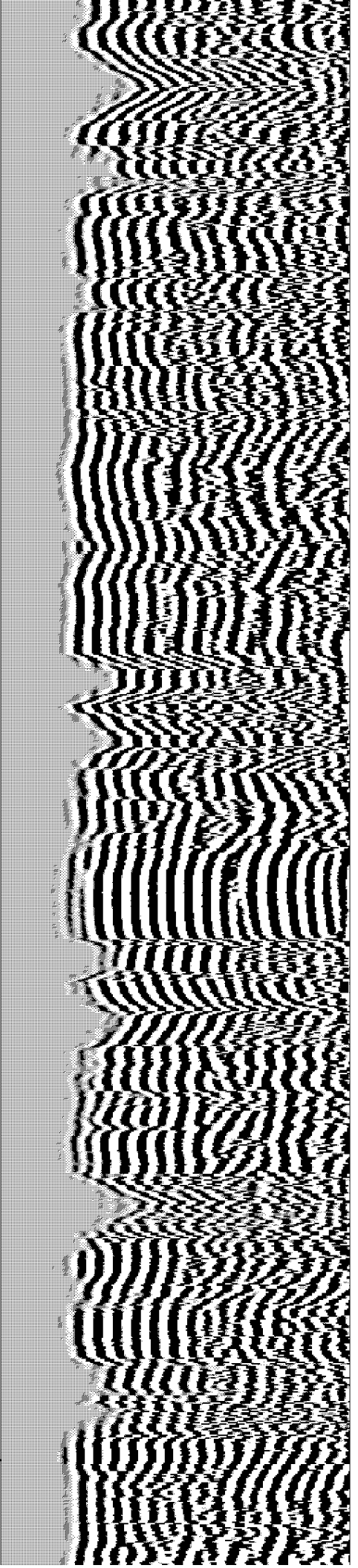
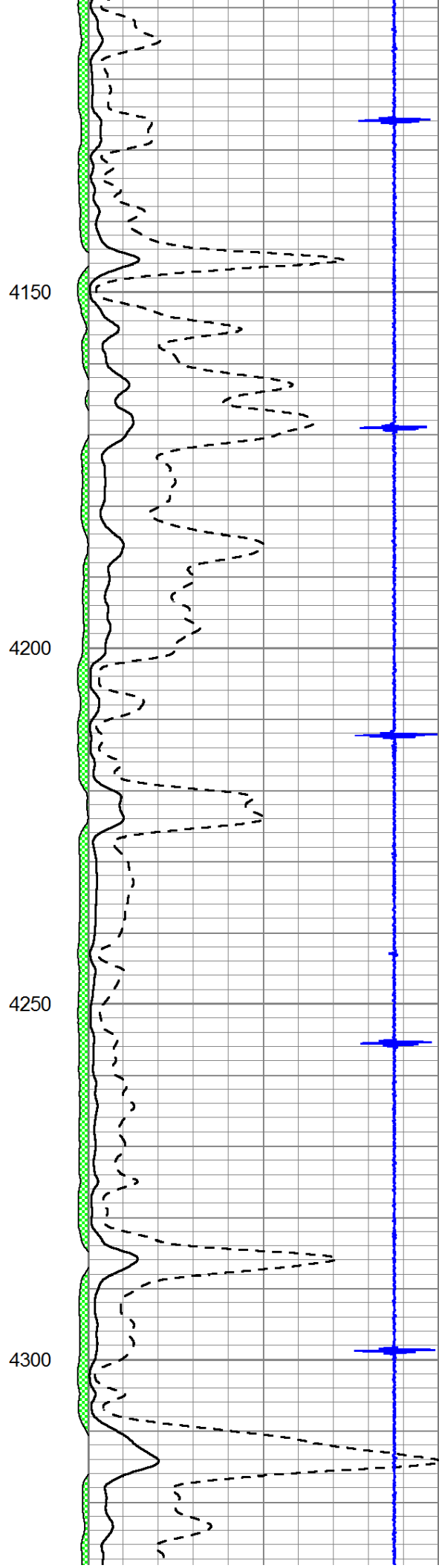
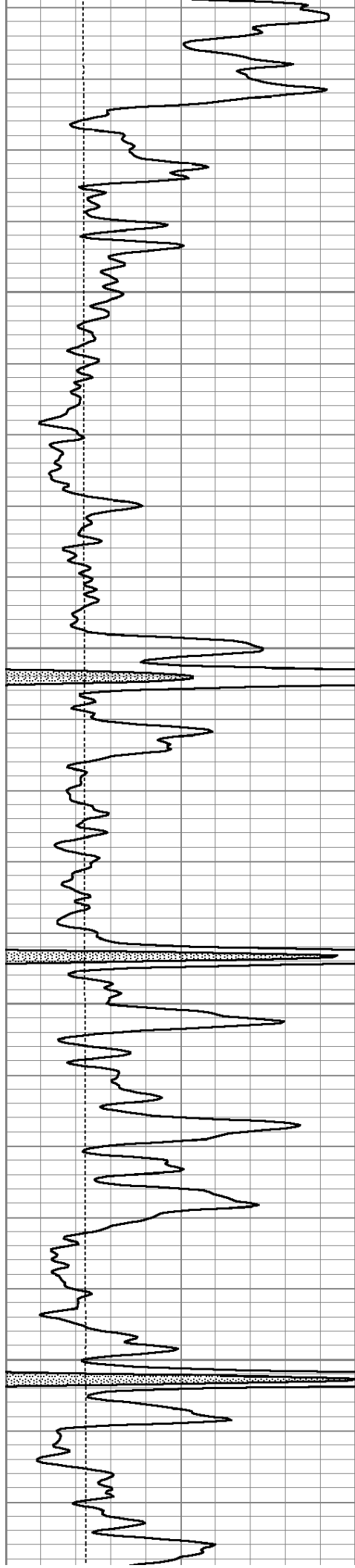
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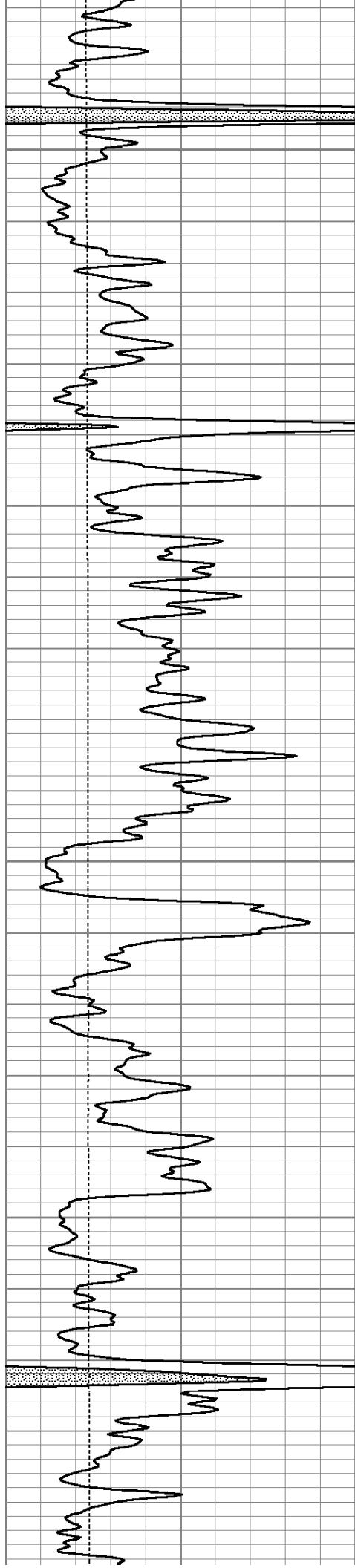
Top of Cement









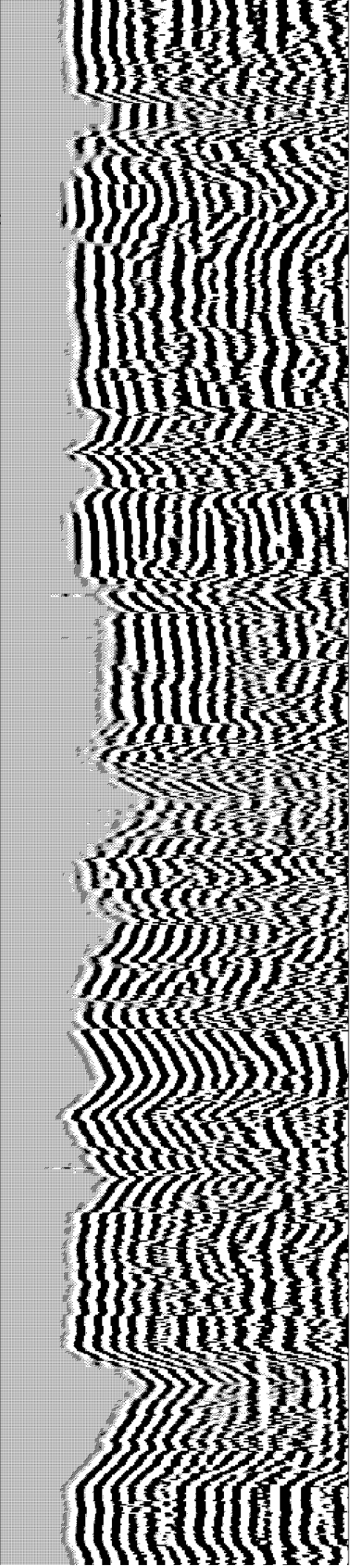
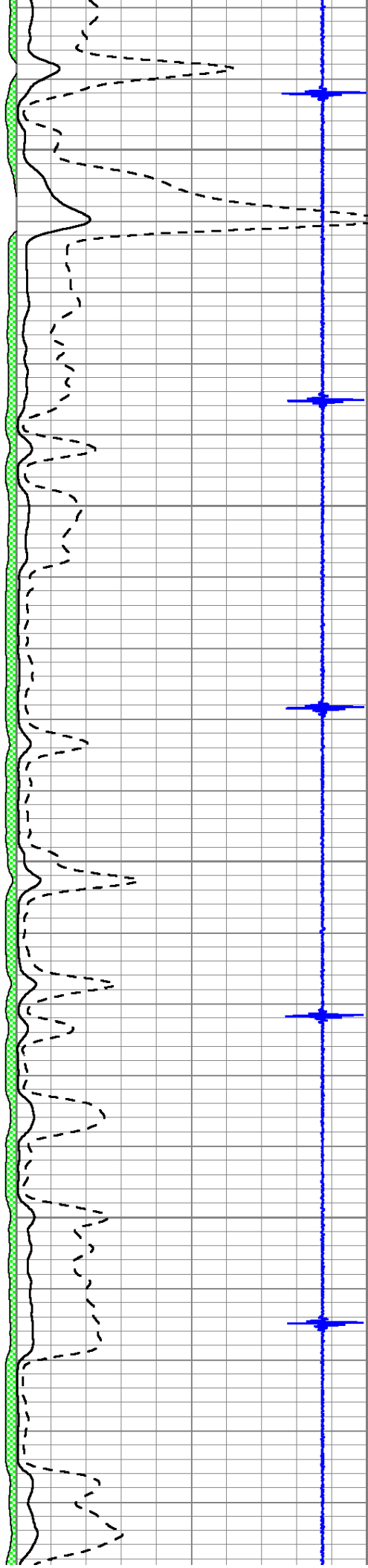


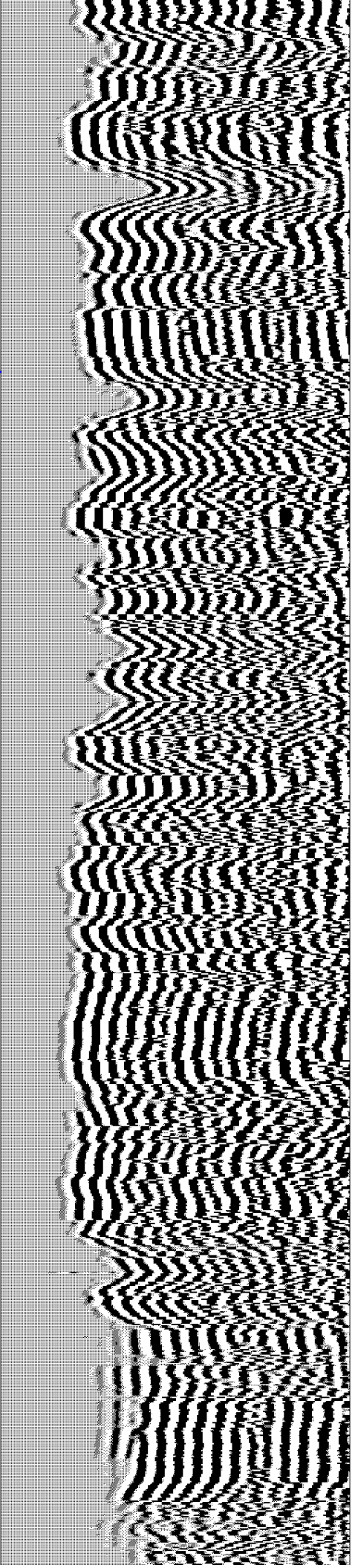
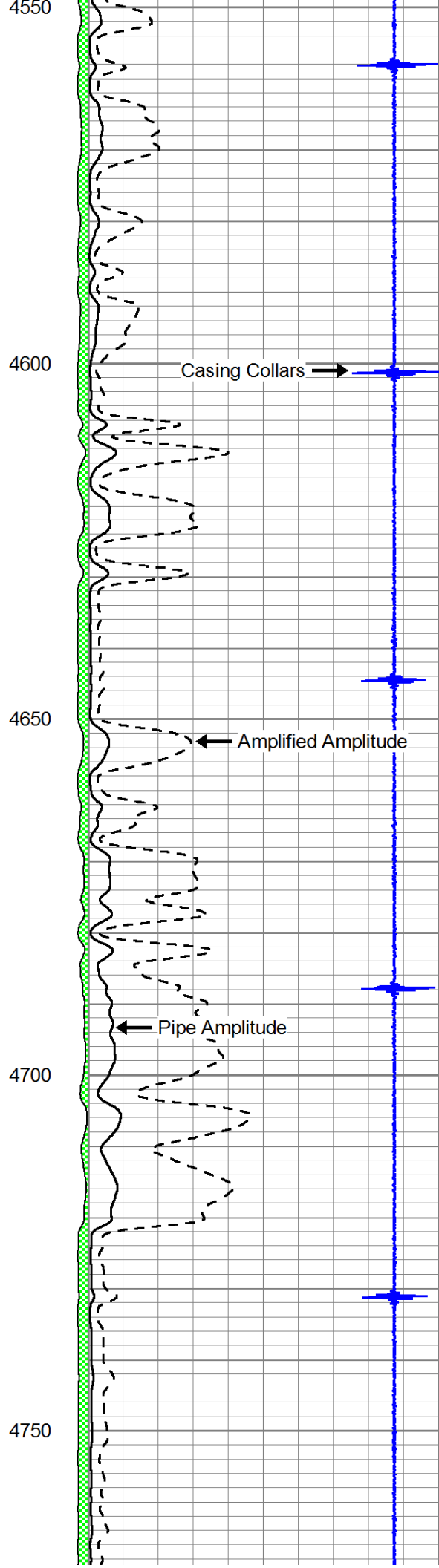
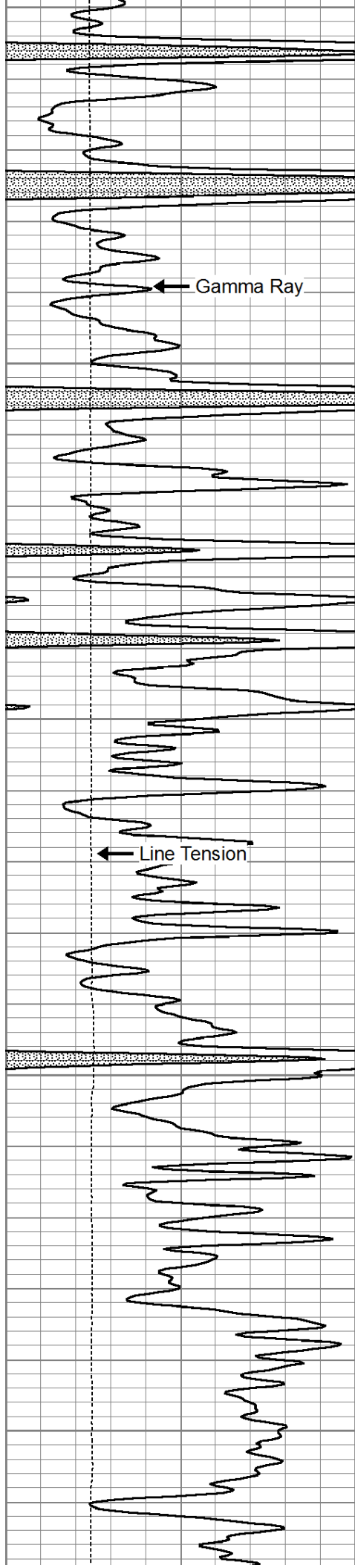
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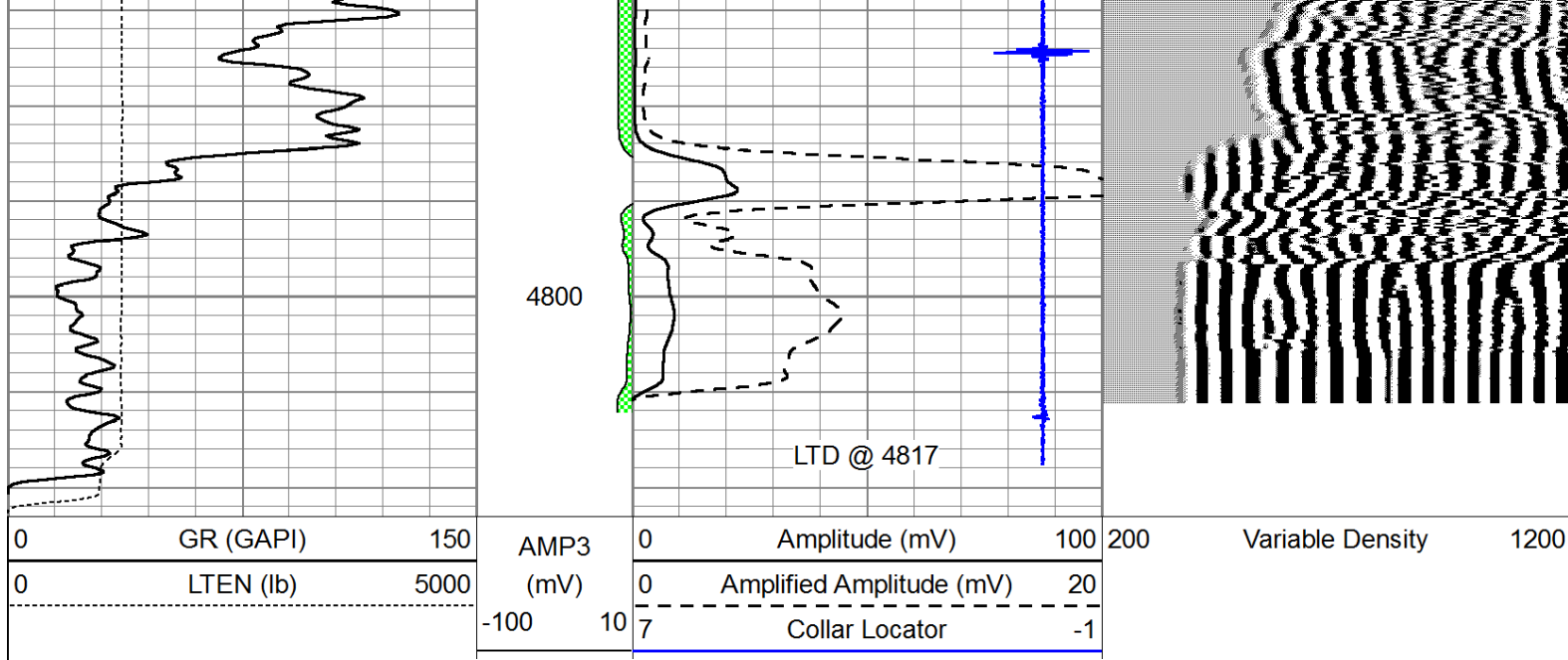
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4450

4500

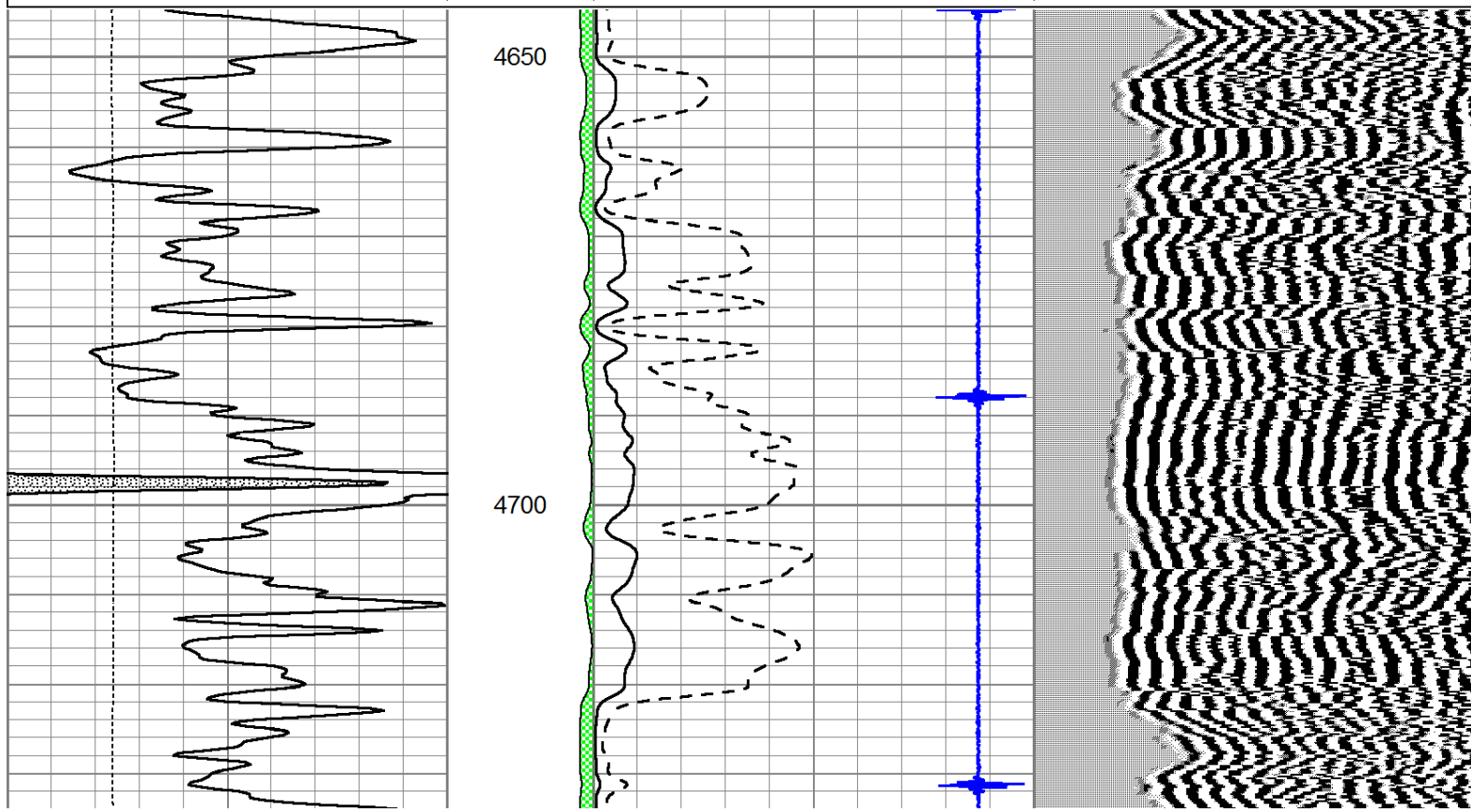
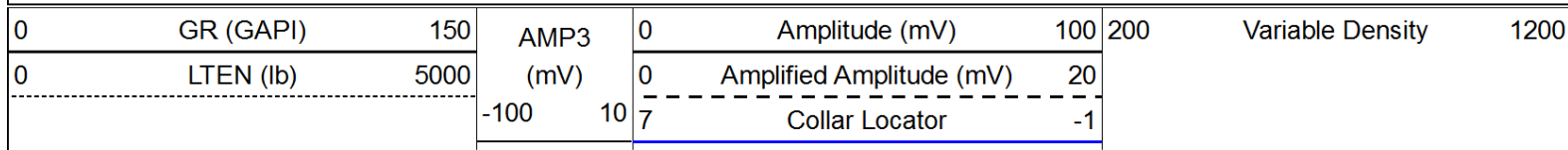


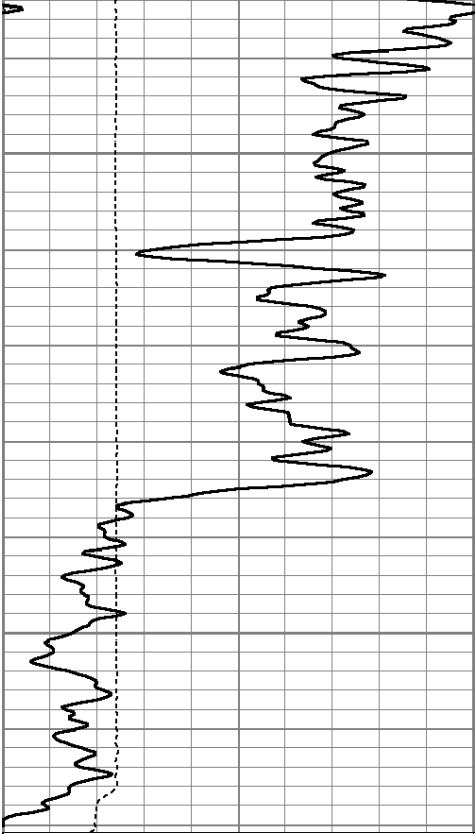




Repeat Section

Database File: shake-janzen1-26.db
 Dataset Pathname: janzen1-2/grcbl/pass2
 Presentation Format: cbl dig
 Dataset Creation: Fri Oct 19 13:14:36 2012 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

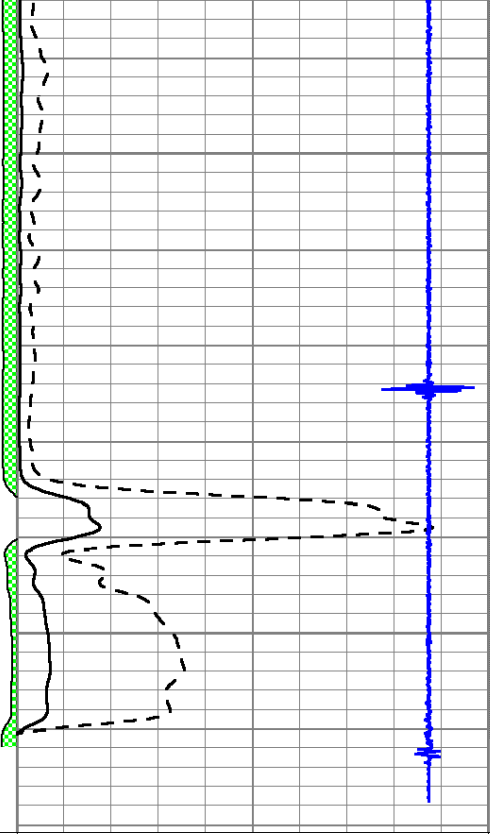




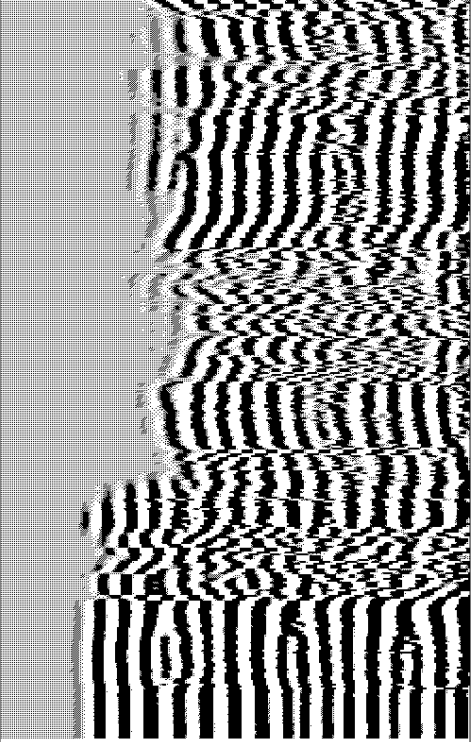
0	GR (GAPI)	150
0	LTEN (lb)	5000

4750

4800



AMP3	0	Amplitude (mV)	100
(mV)	0	Amplified Amplitude (mV)	20
-100	10	Collar Locator	-1



200 Variable Density 1200