



Pioneer Energy Services

Sonic Cement Bond Log

15-109-21097-00-00

API No.

Company Shakespeare Oil Company, Inc.

Well Campbell No. 2-17

Field Wildcat

County Logan State Kansas

Location 1180' FSL & 1010' FEL

NW-NW-SE-SE

Sec: 17 Twp: 13S Rge: 32W

Other Services
Mast Trailer

Elevation

K.B. 3037
D.F. 3036
G.L. 3027

Permanent Datum Ground Level Elevation 3027

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

Drilling Measured From Kelly Bushing

Run Number One

Date Survey 9/14/2012

Date Cementing 9/10/2012

Type Cementing Operation Primary

Depth Driller 4700

Depth Logger 4661

Logged Interval 4659 to 2300

Casing Driller 5.5 @ T.D. @

Float Collar -- D.V. Tool 2466

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 2510

Calculated Cement Top |||||

Max. Hole Temperature 118

Tool No. D-1

Spacing Recorded 3-5

Equipment -- Location 72 Hays

Recorded By K. Ladrigan

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

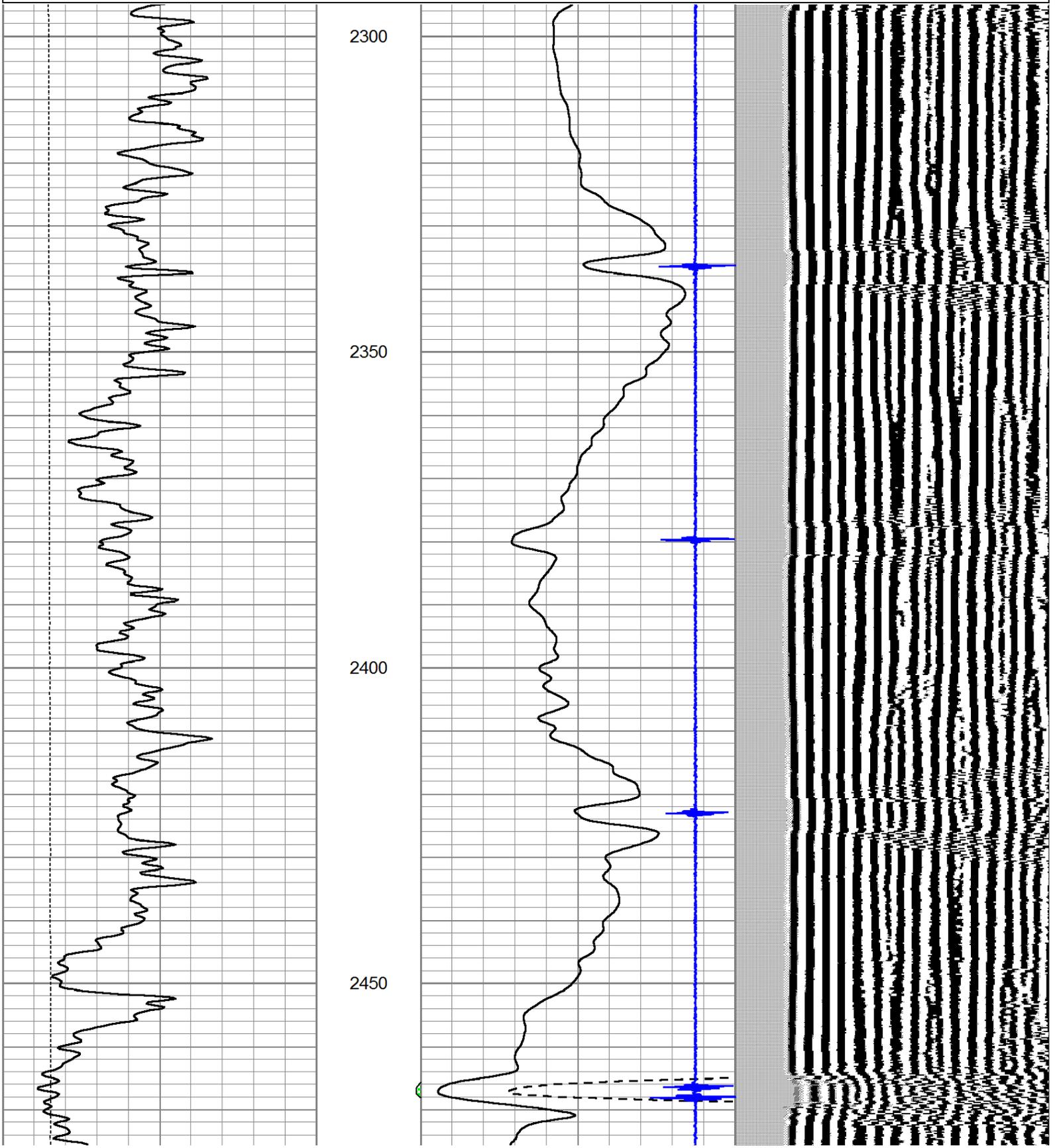
Oakley, KS., South on HWY 83 to Quail Road, 2 West, .5 South West Into.

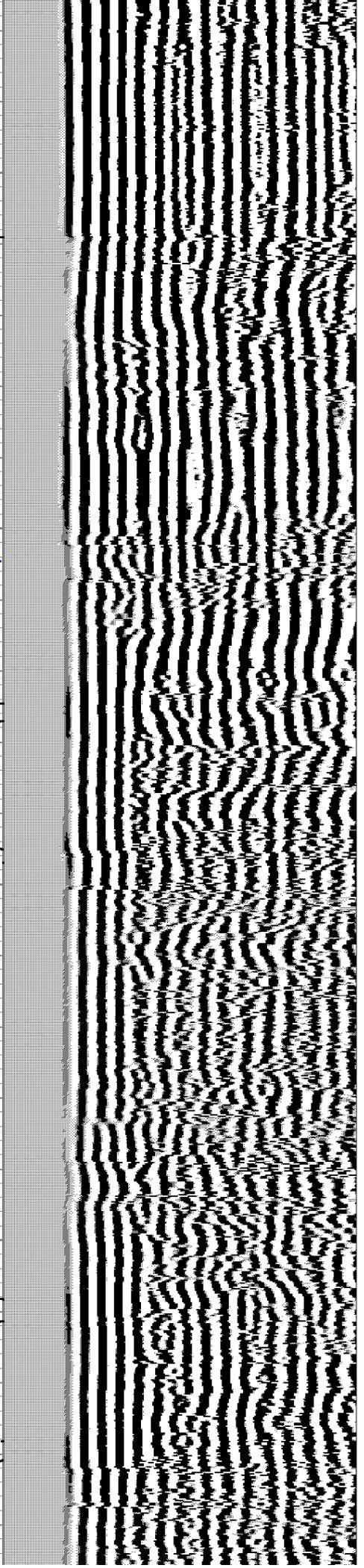
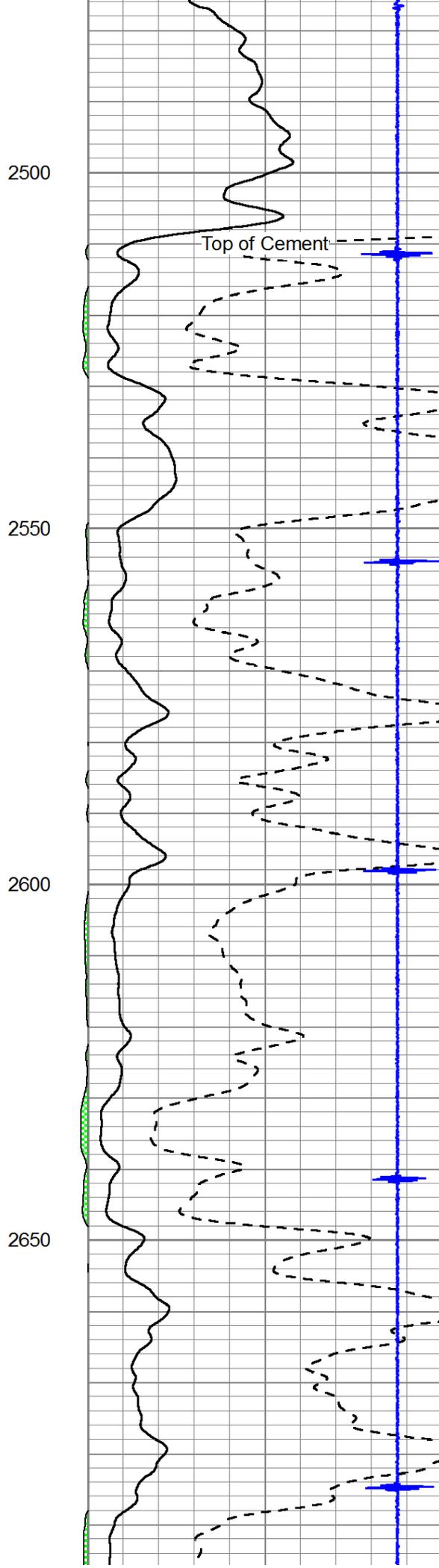
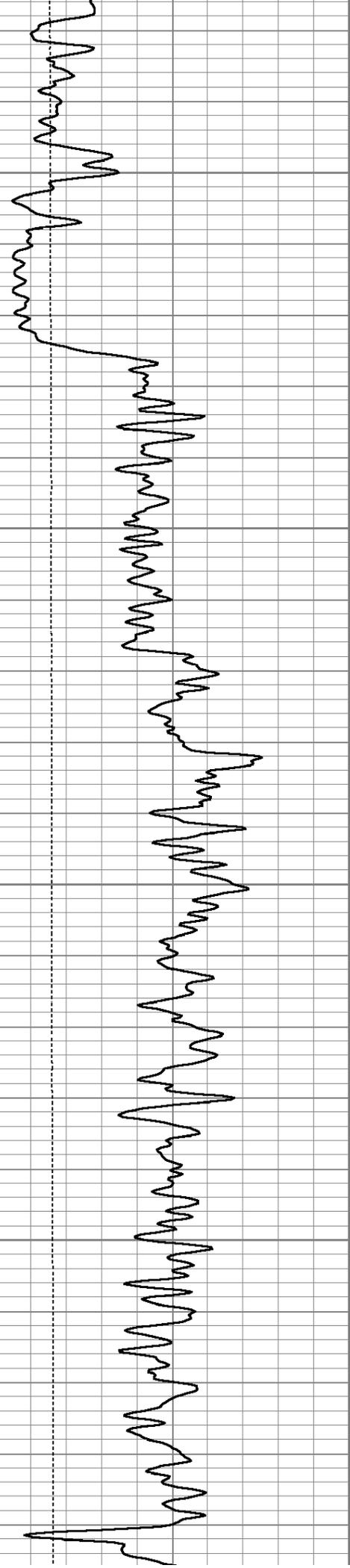


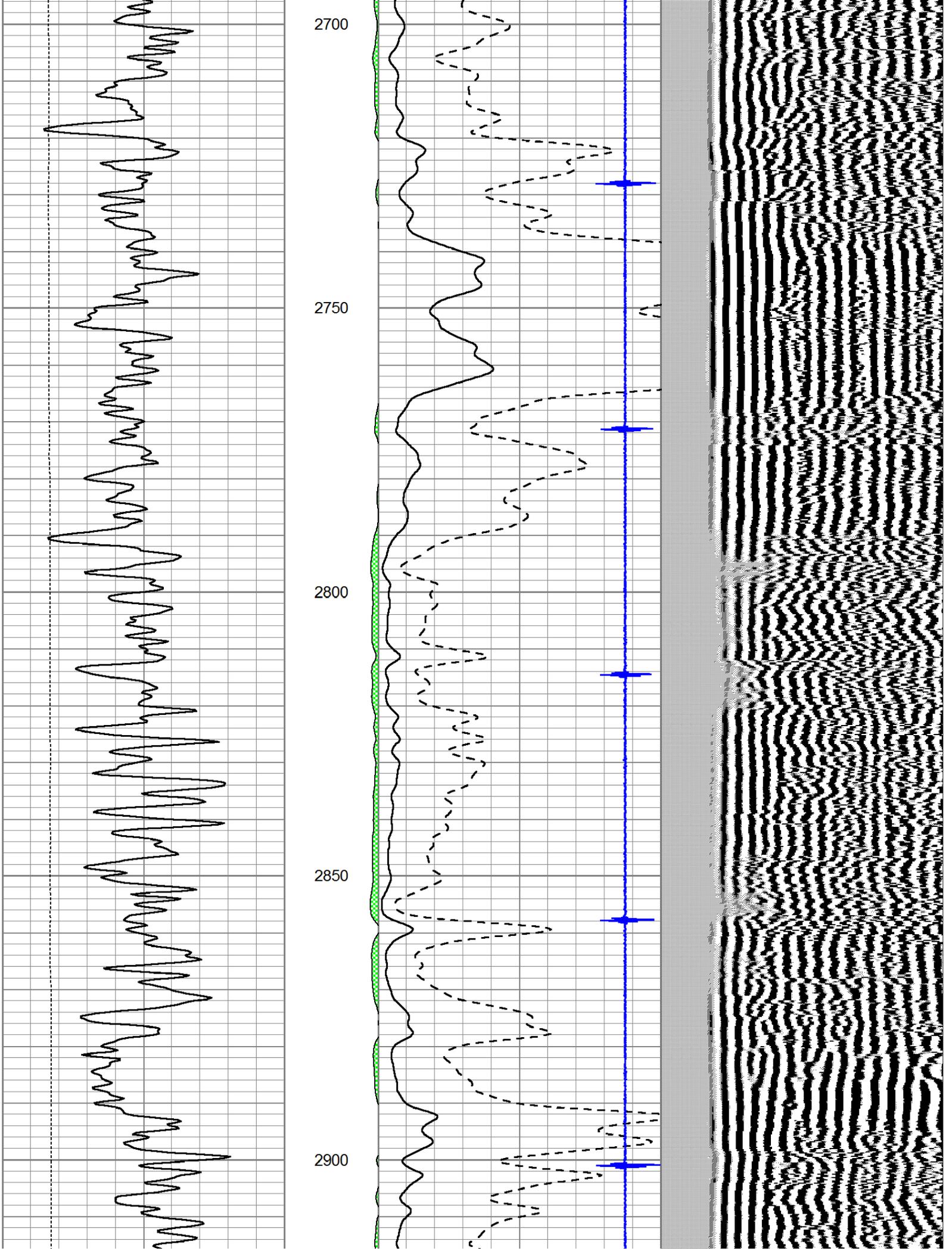
Main Pass

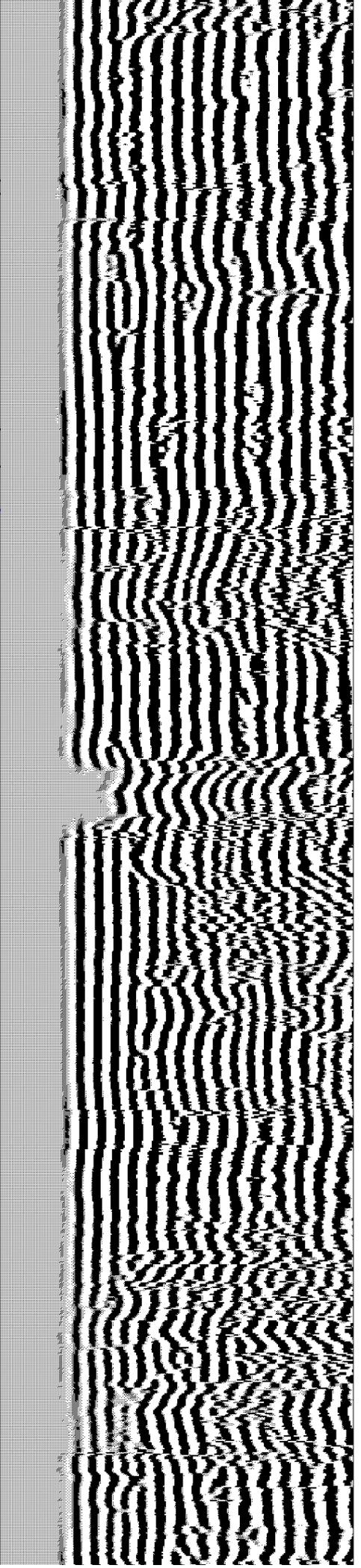
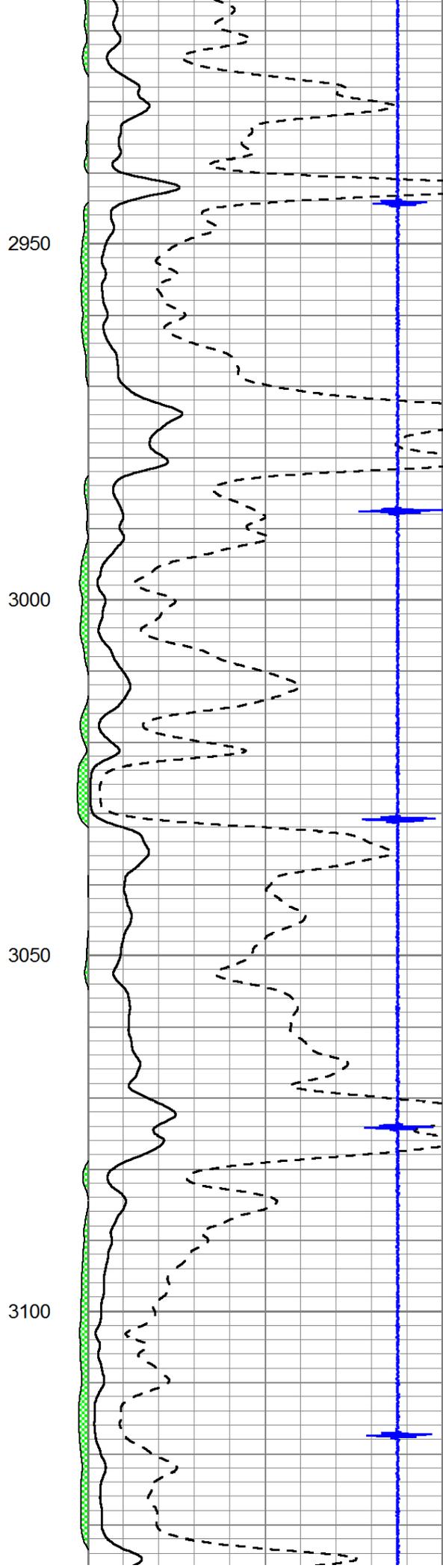
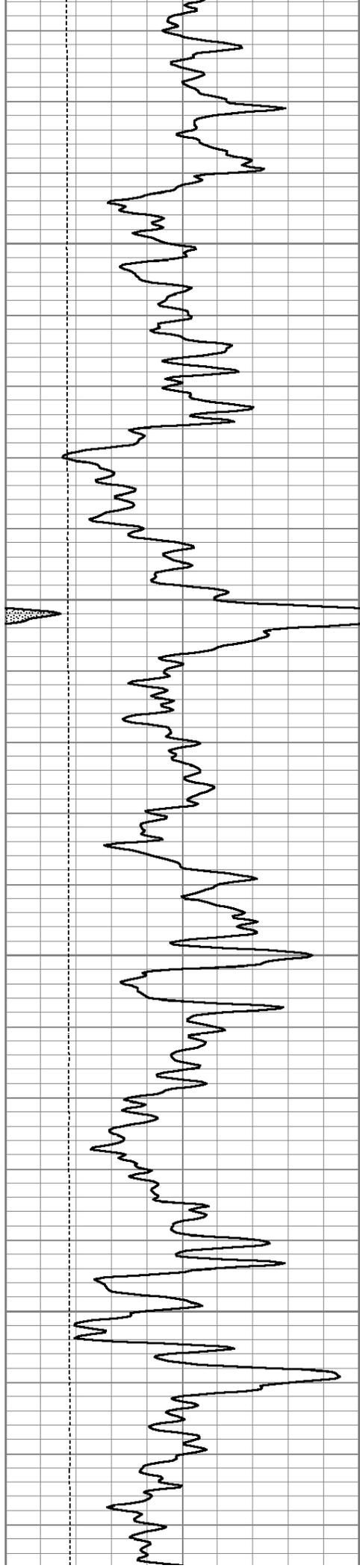
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Dataset Creation: Fri Sep 14 12:51:05 2012
Charted by: Depth in Feet scaled 1:240

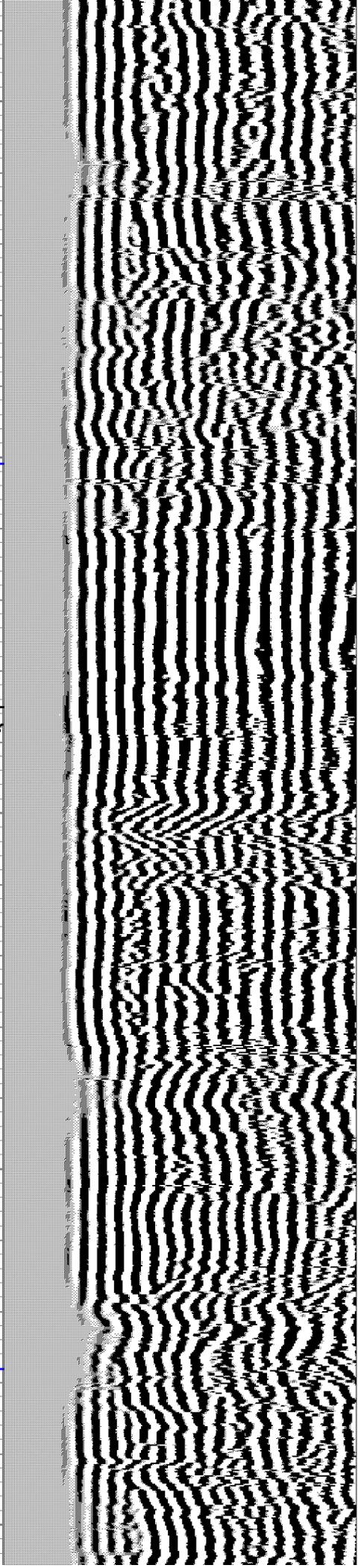
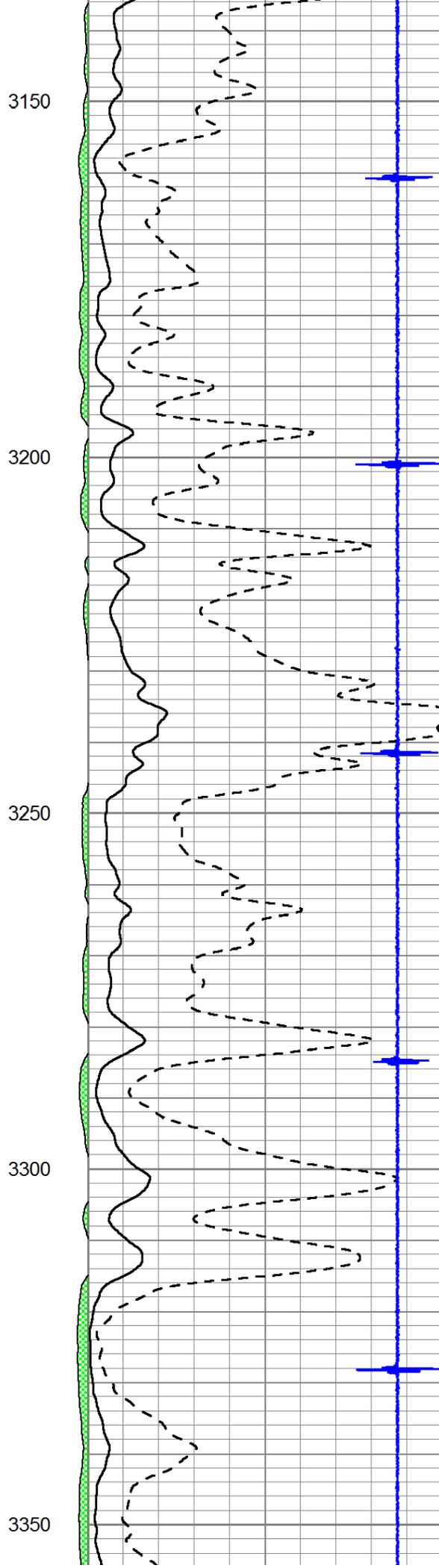
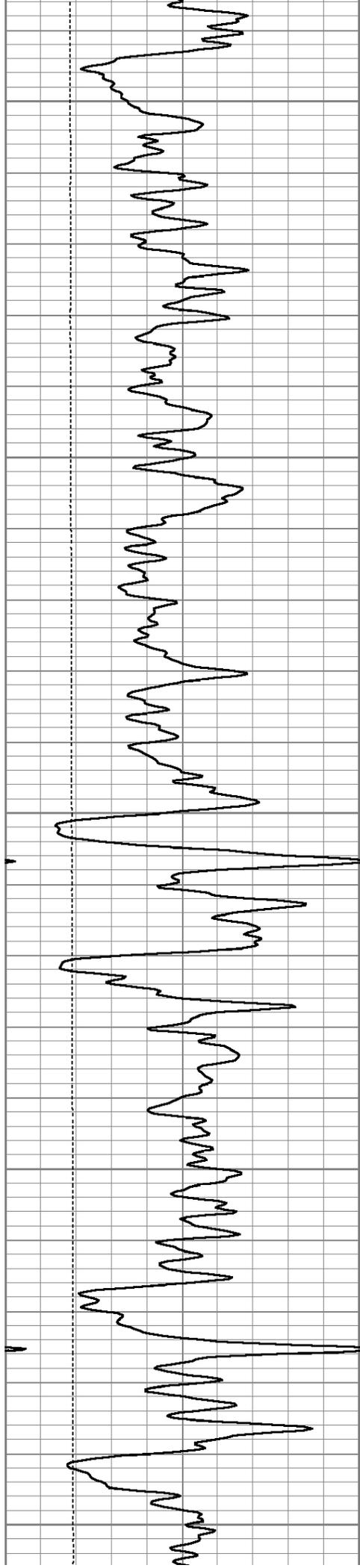
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			-100 10	7	Collar Locator	-1			

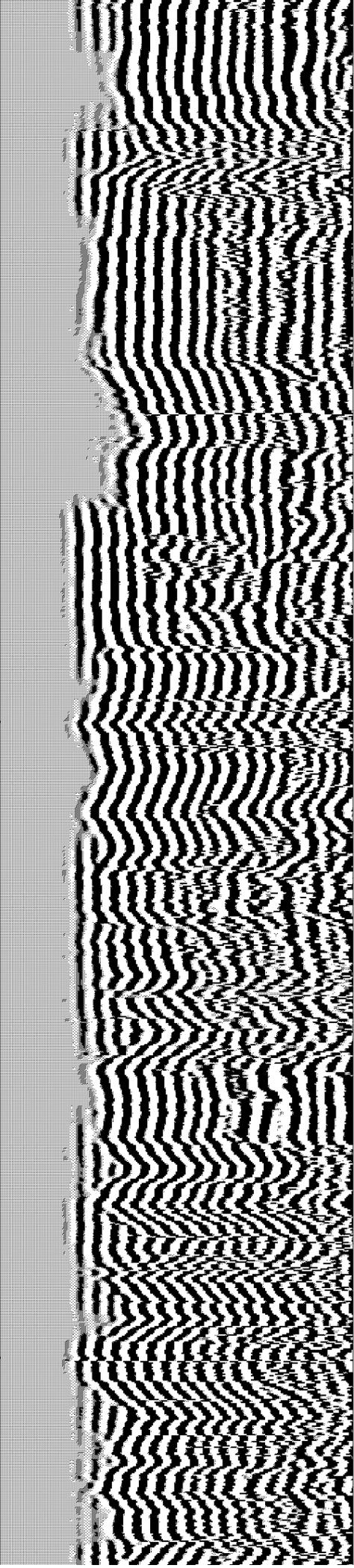
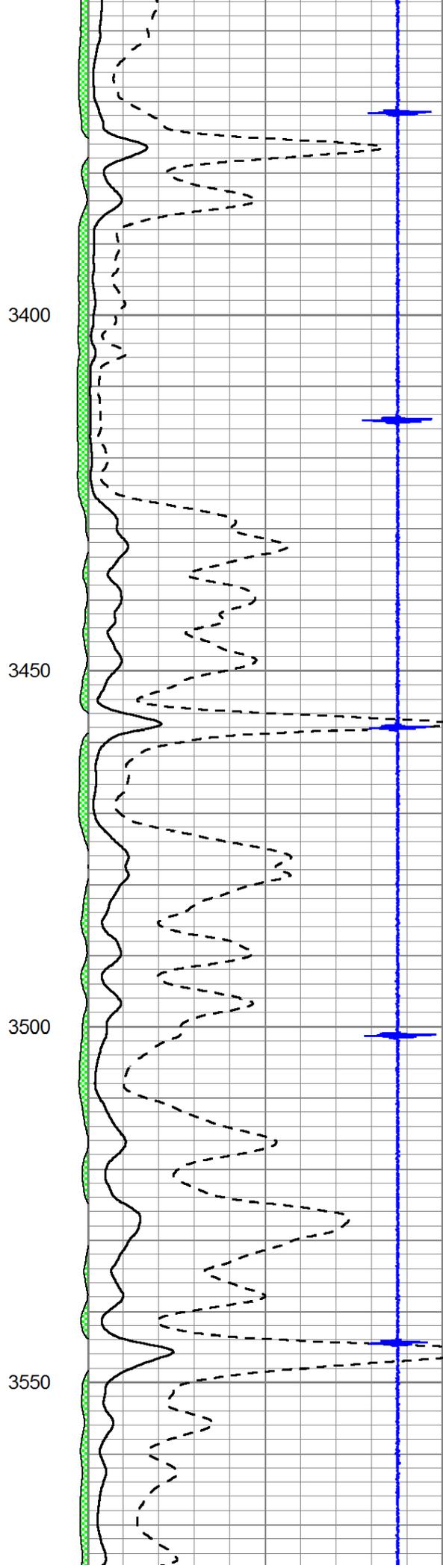
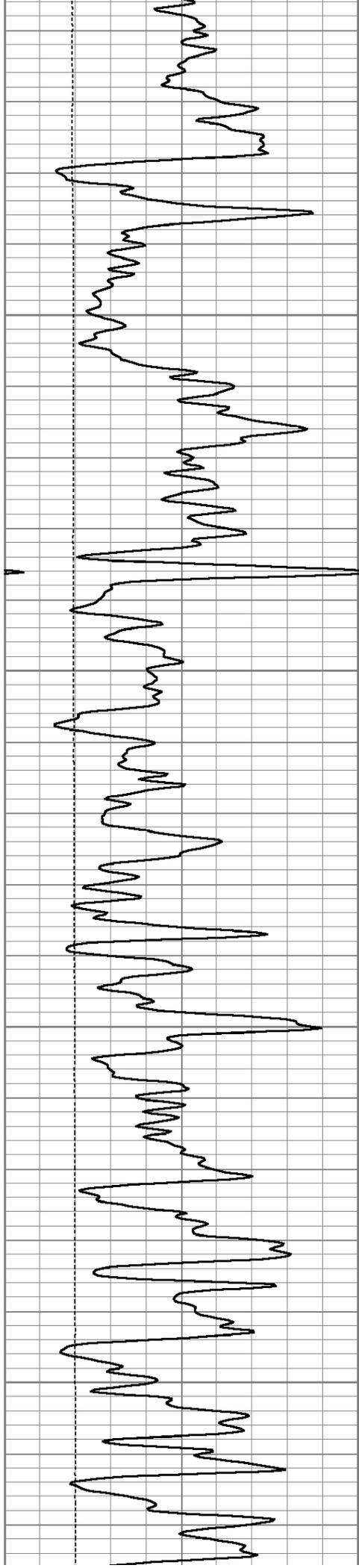


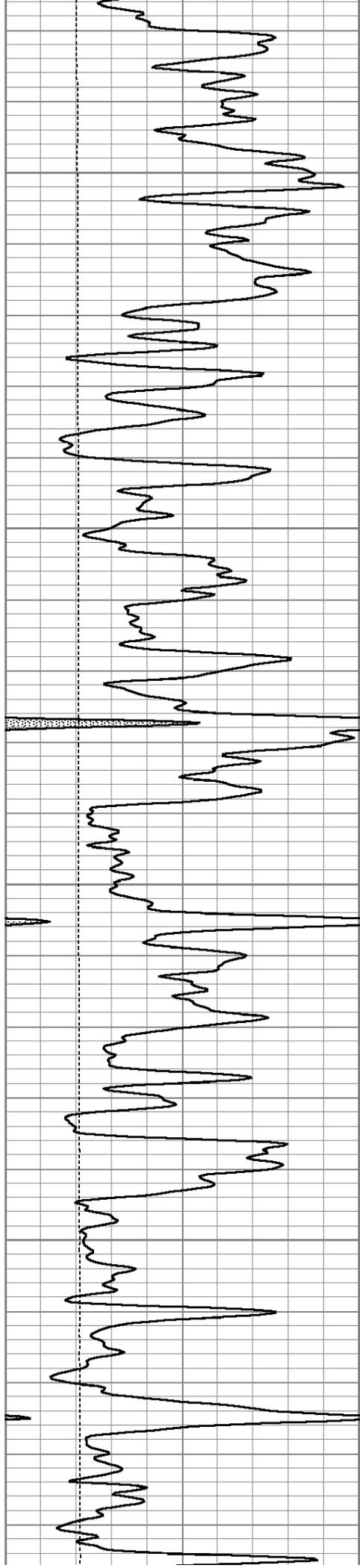










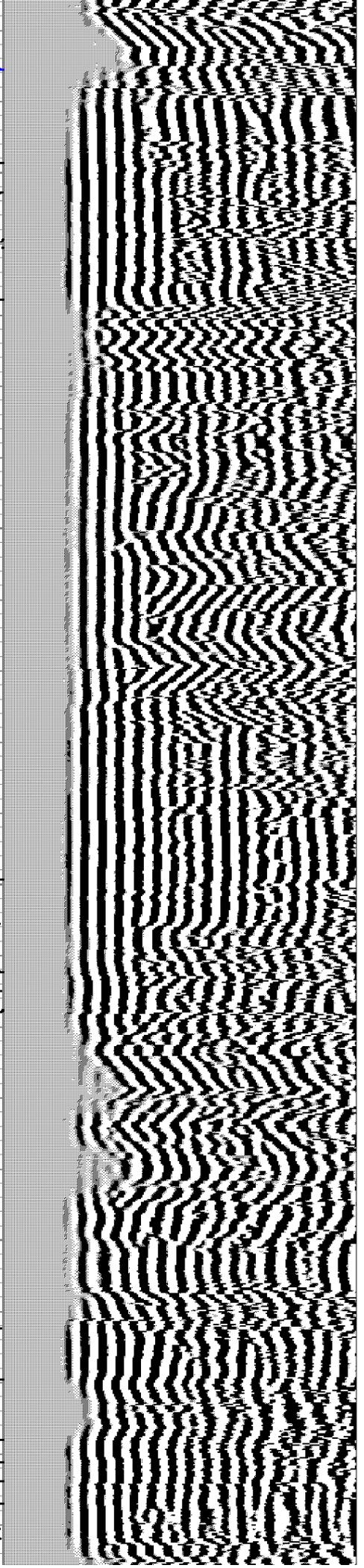
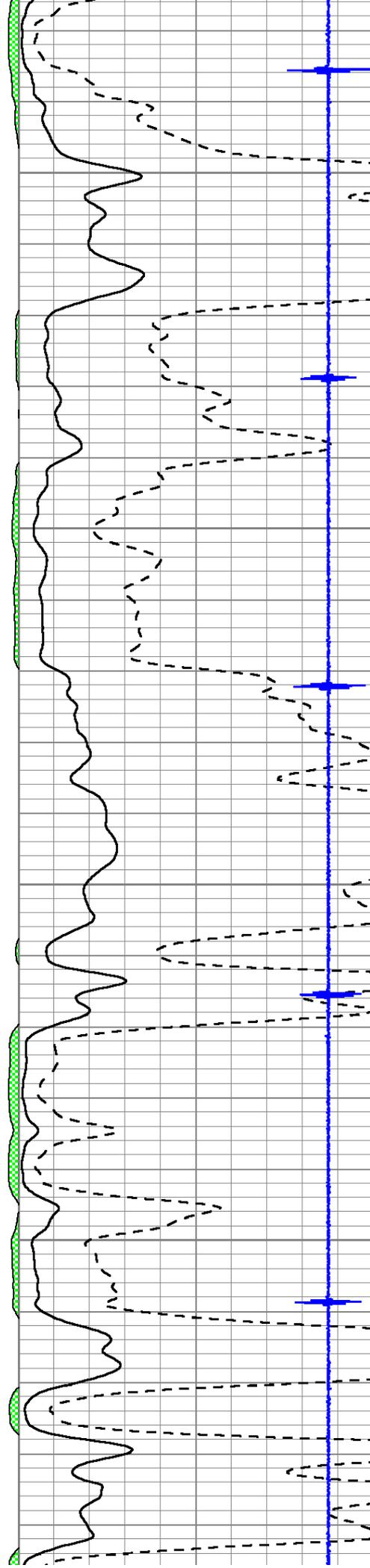


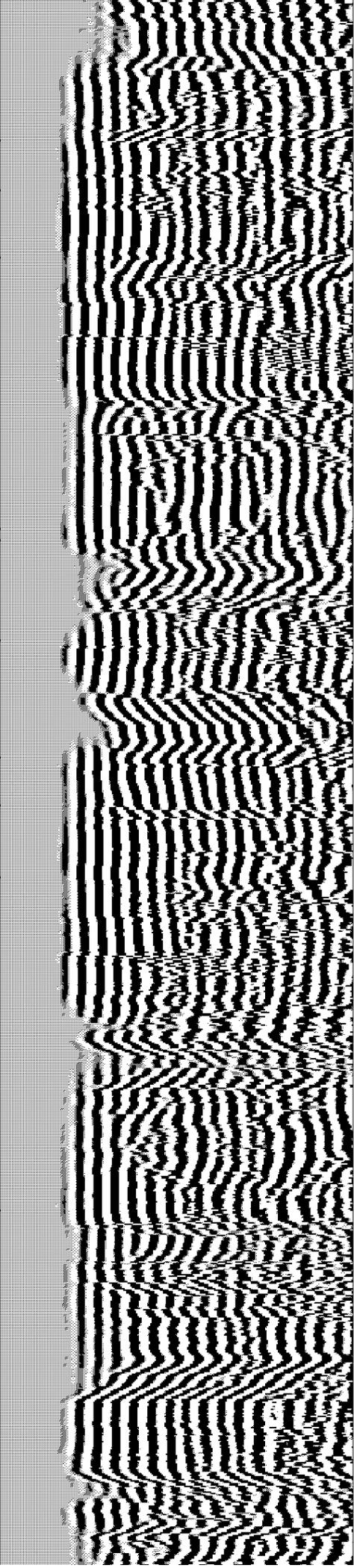
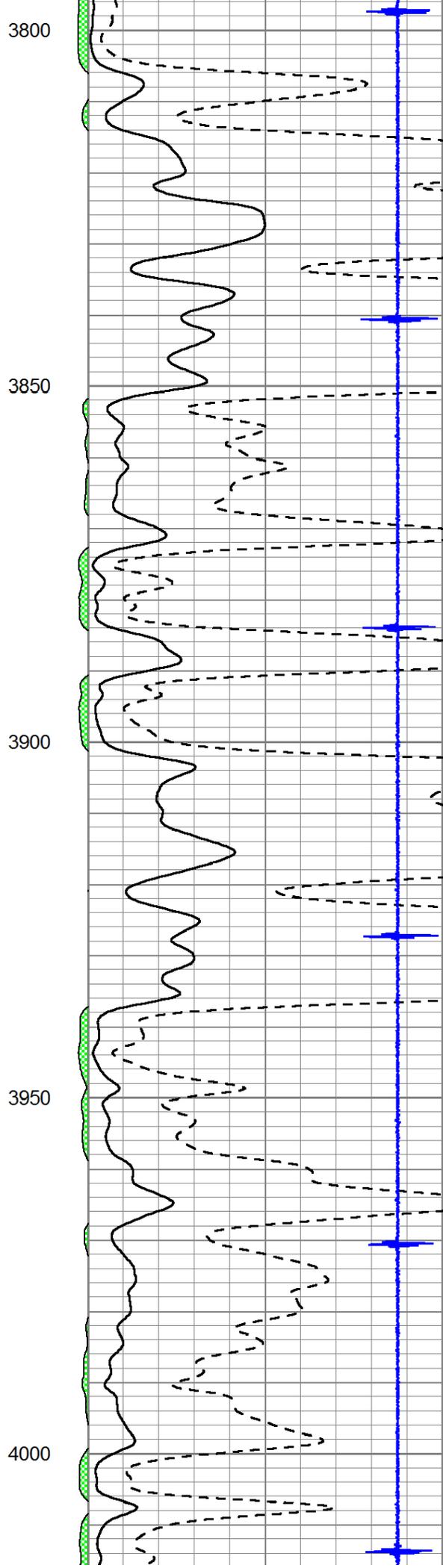
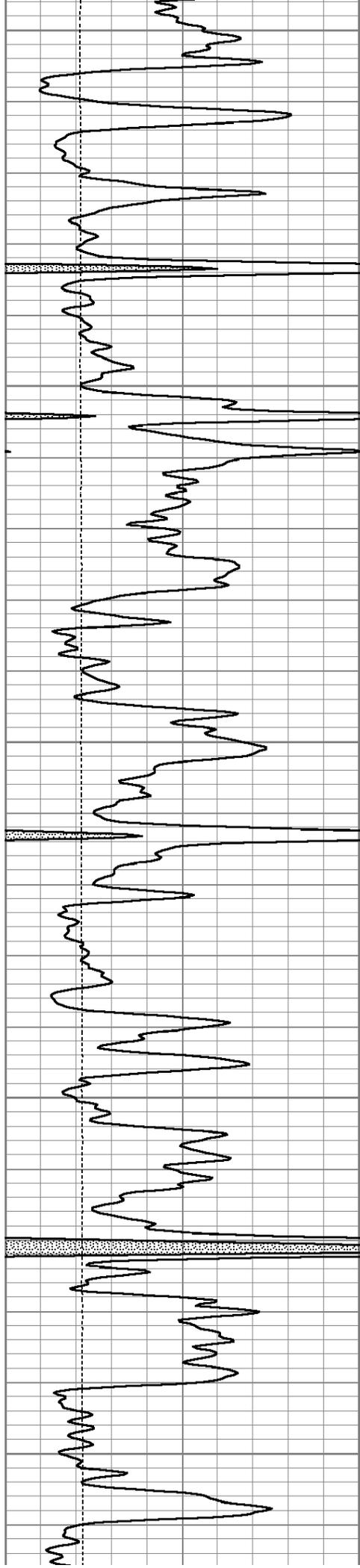
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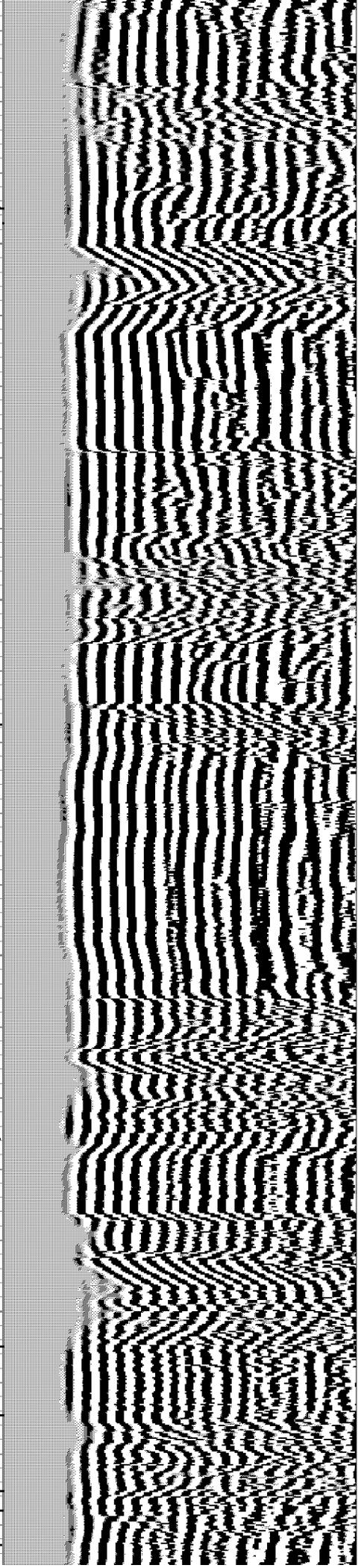
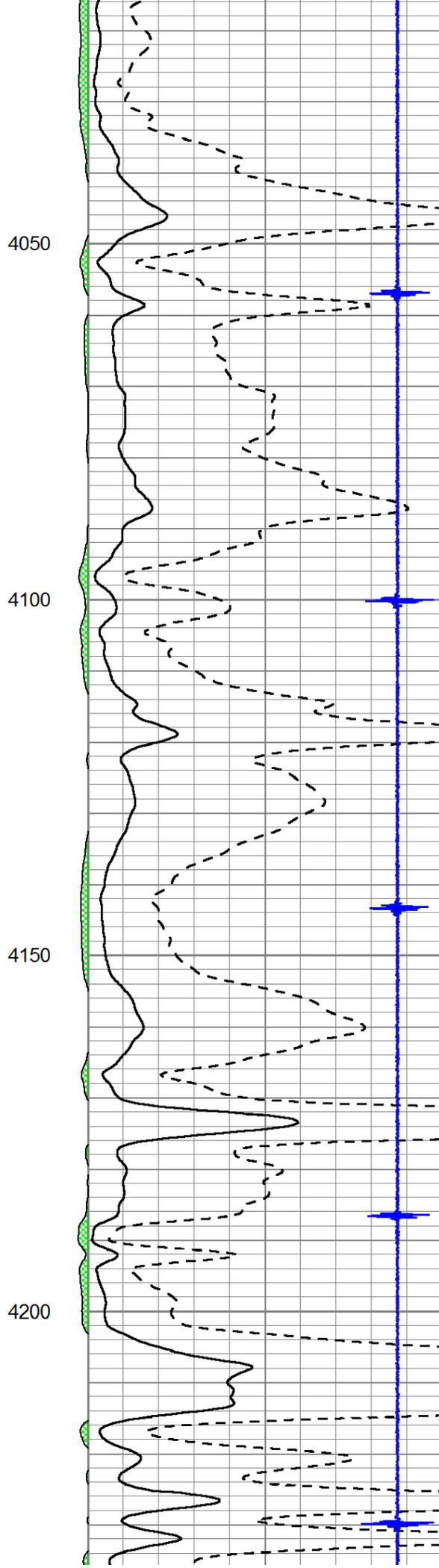
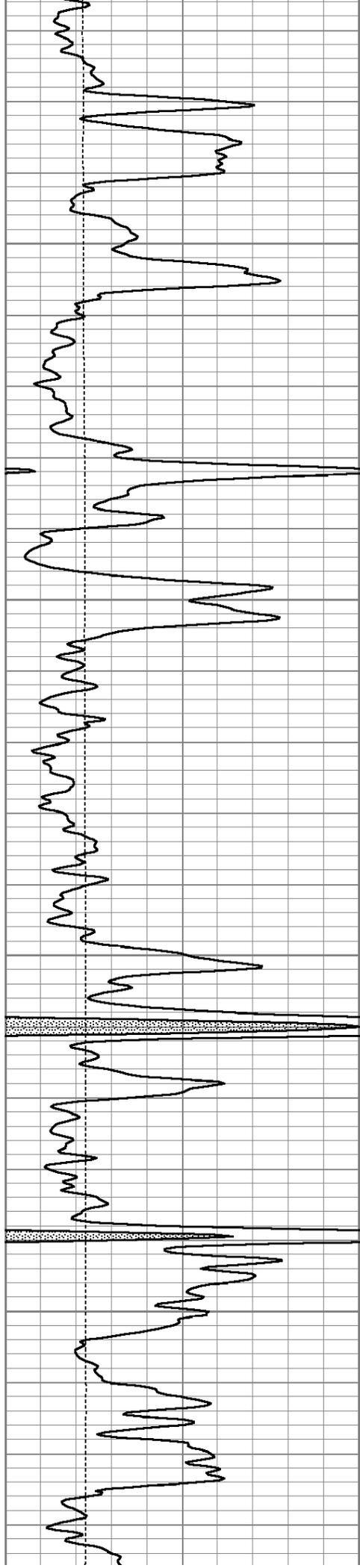
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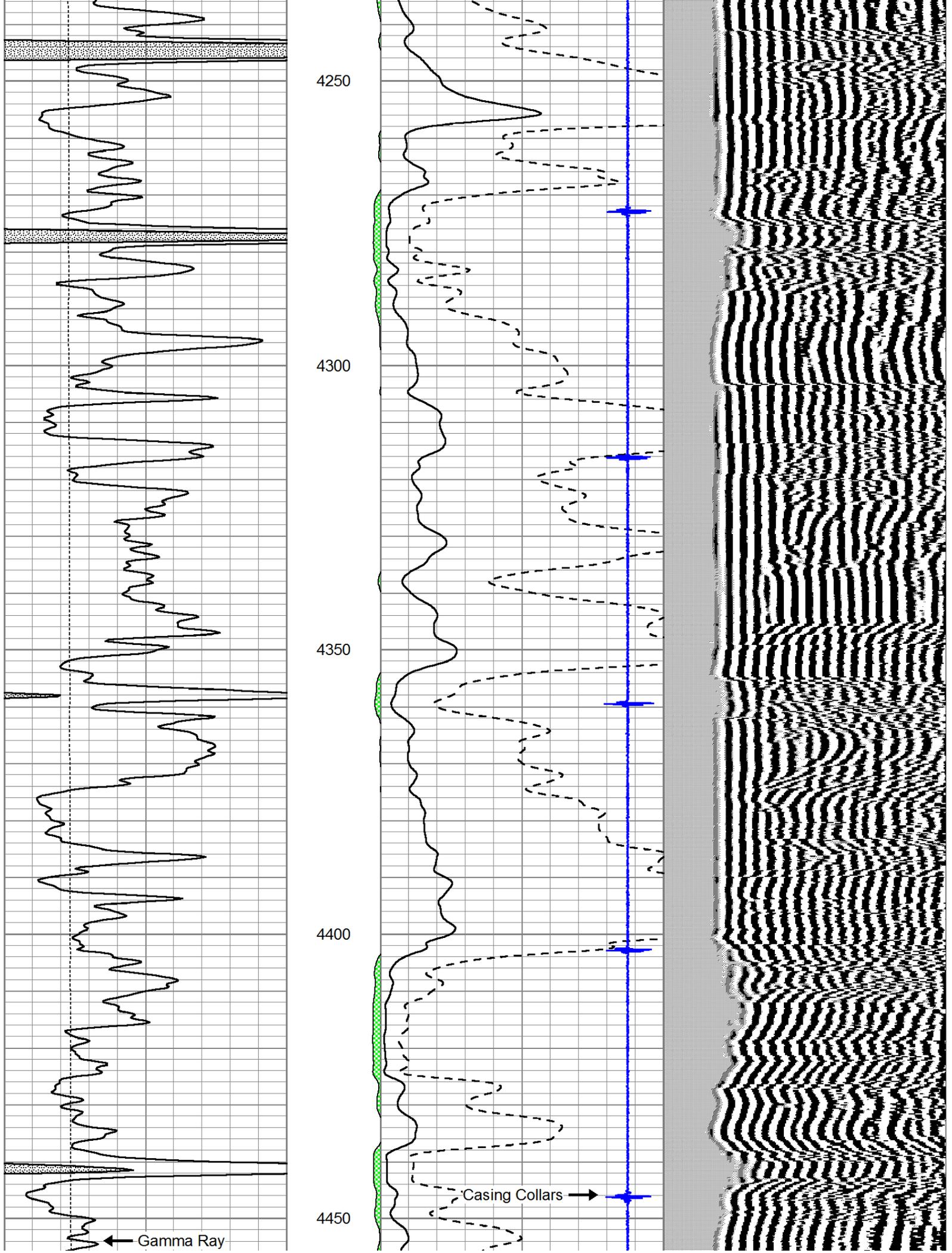
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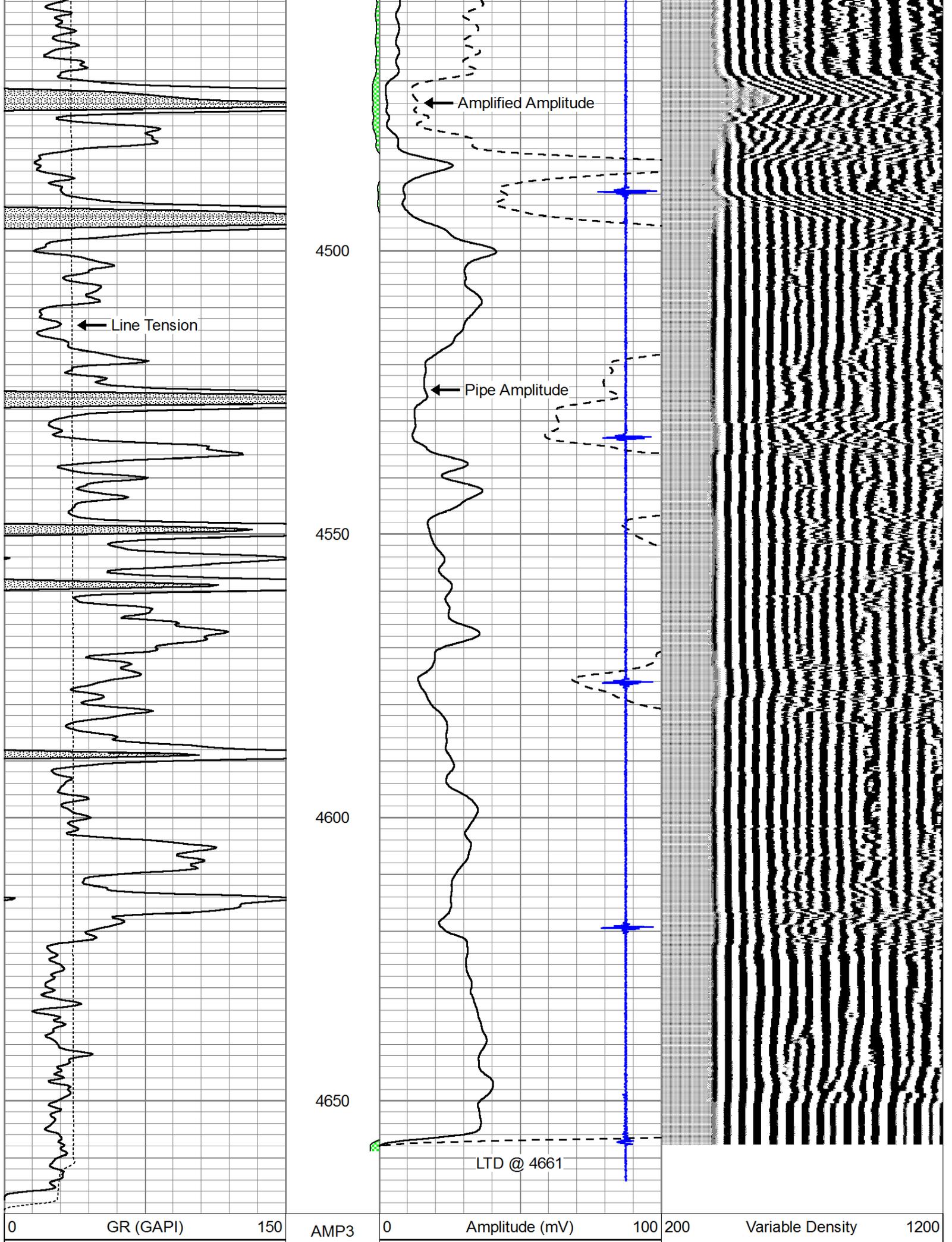
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			-100	10	7	Collar Locator	-1



Pioneer Energy Services

Repeat Section

Database File: shake_campbell2-17.db
 Dataset Pathname: Campbell2/grcb1/pass2
 Presentation Format: cldig
 Dataset Creation: Fri Sep 14 11:50:33 2012 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

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