



PIONEER

Pioneer Energy Services

Sonic Cement Bond Log

API No.

15-171-21042-00-00

Company Shakespeare Oil Company, Inc.

Well Janzen No. 5-36

Field Capstone East

County Scott State Kansas

Location

400' FSL & 650' FWL

Sec: 36 Twp: 16S Rge: 34W

Other Services

Perforate

Permanent Datum Ground Level Elevation 3104

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

Drilling Measured From Kelly Bushing

Elevation
K.B. 3114
D.F. 3112
G.L. 3104

Run Number One

Date Survey 4/11/2014

Date Cementing 4/5/2014

Type Cementing Operation Primary

Depth Driller 4866

Depth Logger 4817

Logged Interval 4815 to 3650

Casing Driller 5.5 @ T.D.

Float Collar -- D.V. Tool 2403 @

Squeeze Depth

Amount & Type Cement

Amount & Type Admix

Type Fluid In Hole

Fluid Level

Salinity PPM CL

Weight lb/gal -- Vis.

Approx. Logged Cement Top

Calculated Cement Top

Max. Hole Temperature

Tool No.

Spacing Recorded

Equipment -- Location

Recorded By

Witnessed By

<<< Fold Here >>>

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

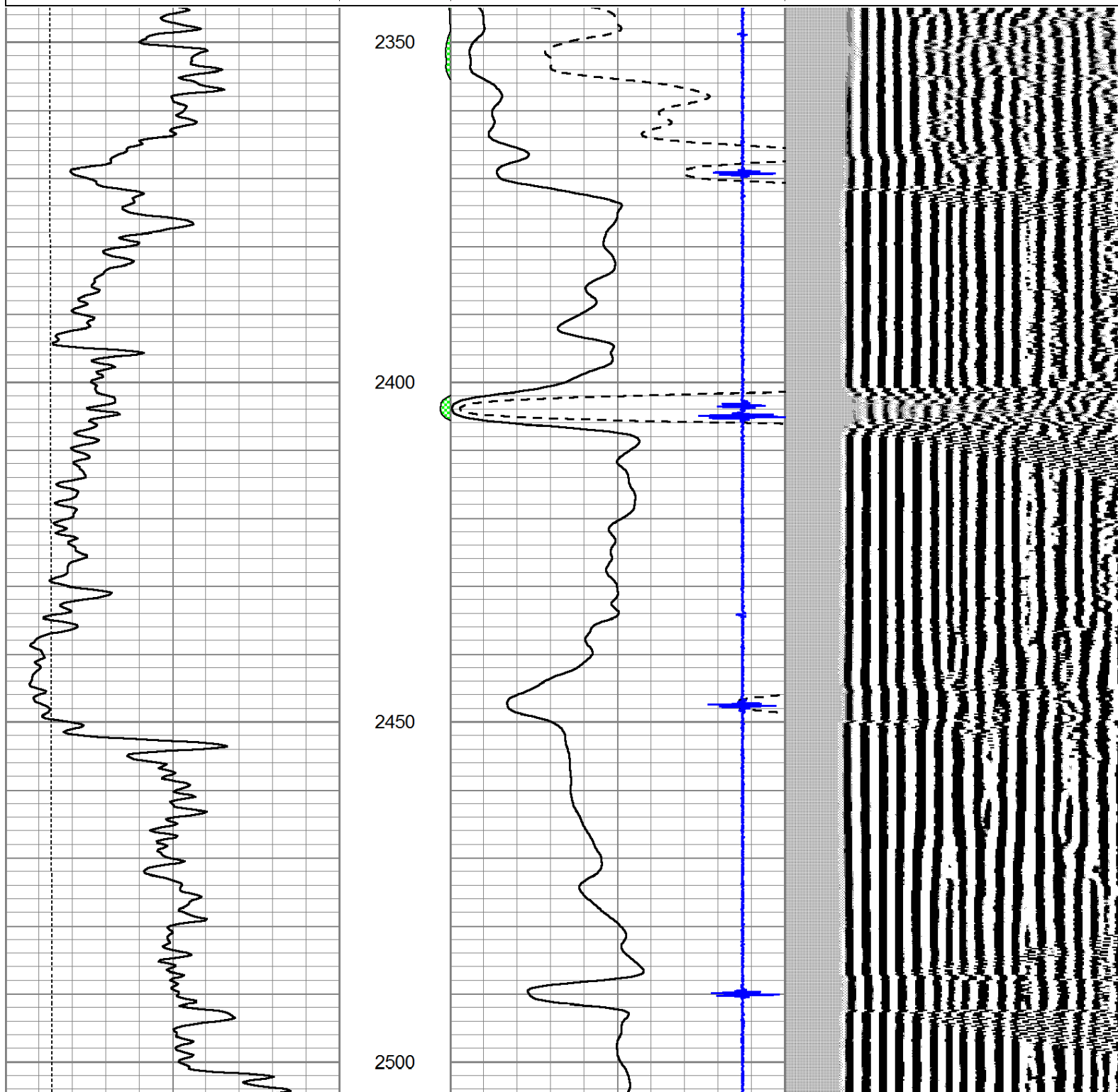
Pence, KS., East to Eagle Road, 2.875 South
East Into.



Port Collar @ 2403

Database File: shake_janzen5-36.db
Dataset Pathname: grcbl/pass4
Presentation Format: cbldig
Dataset Creation: Fri Apr 11 09:22:58 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			

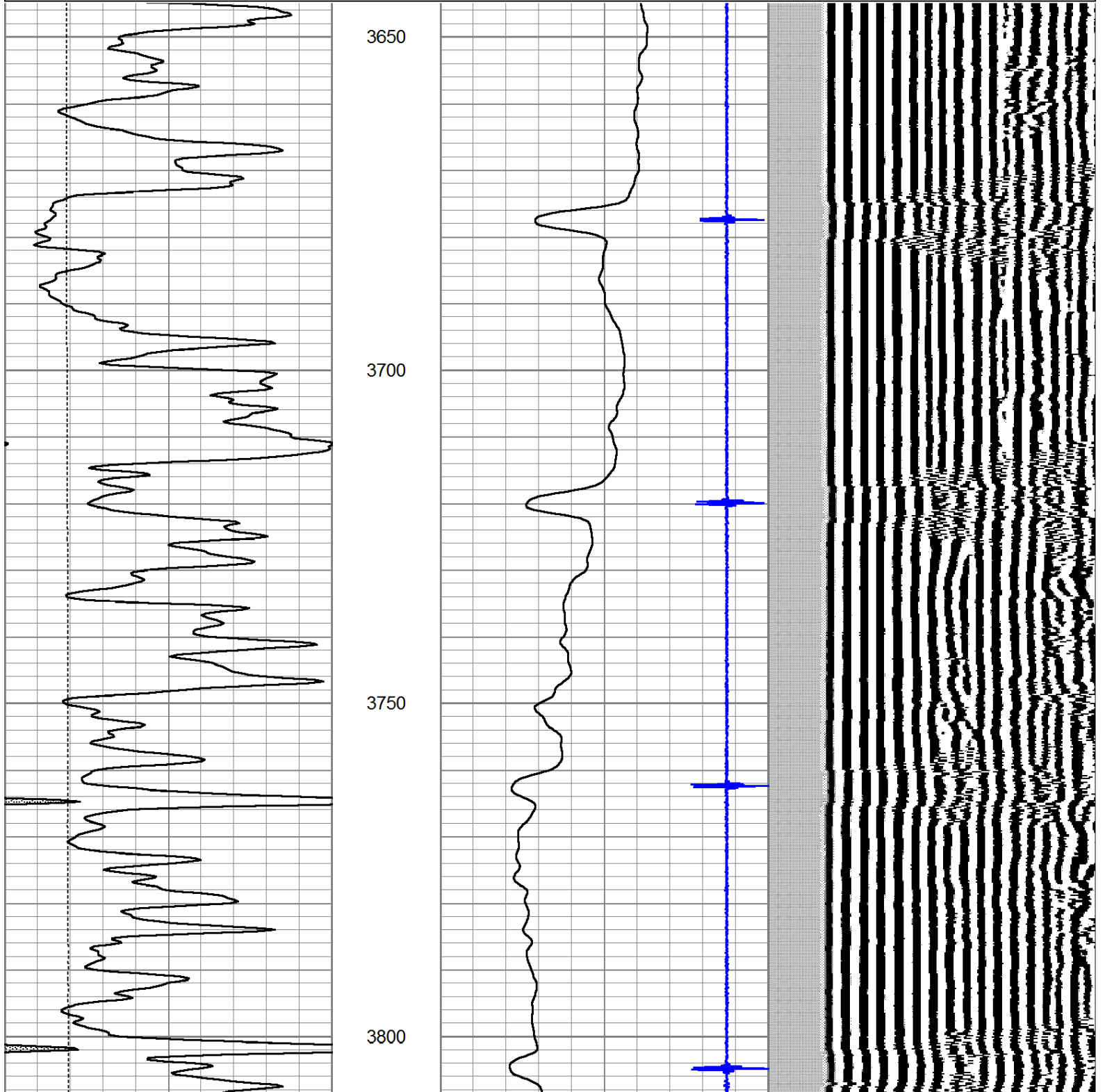


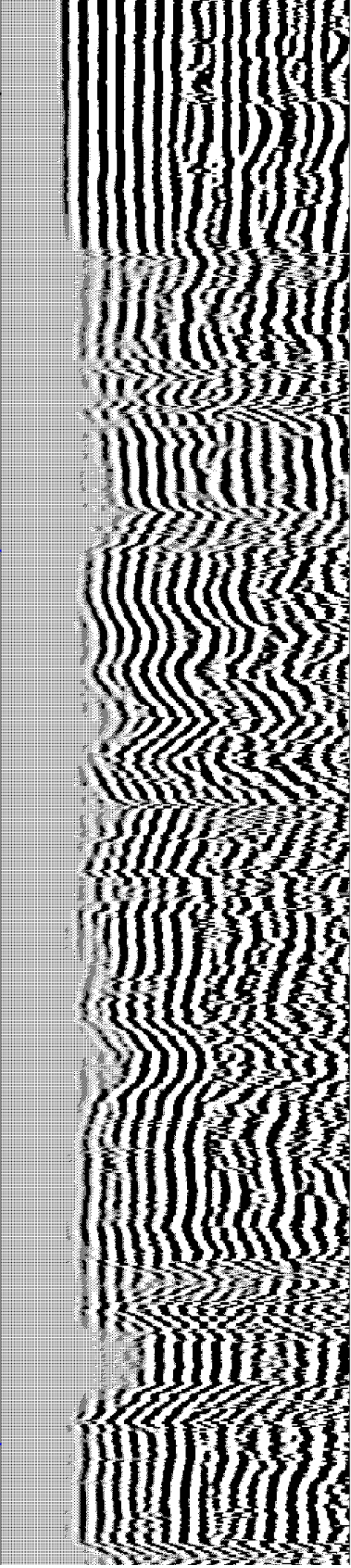
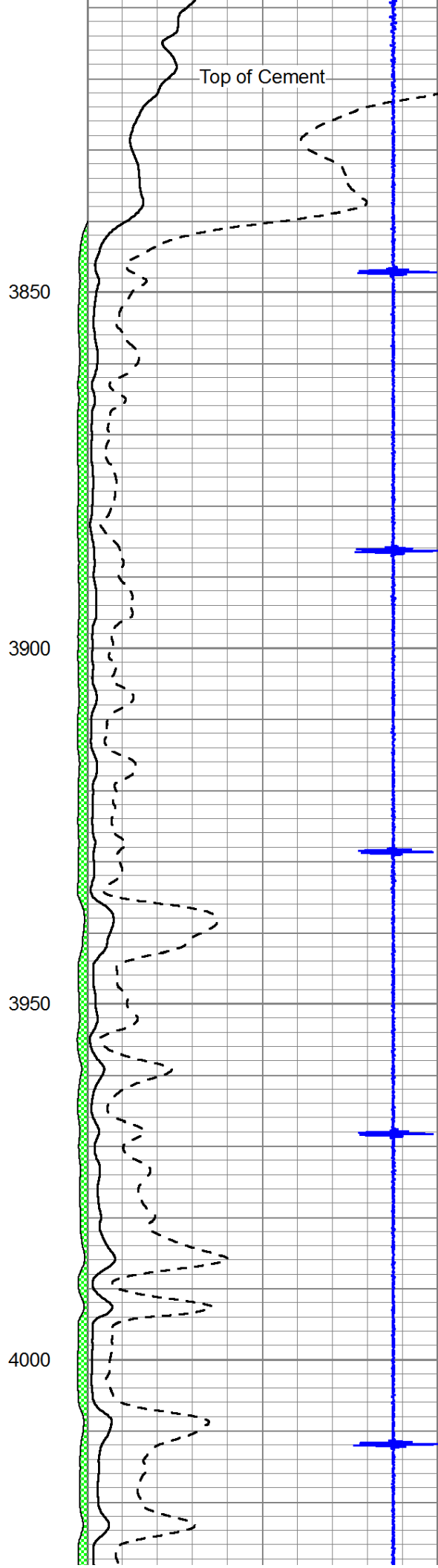
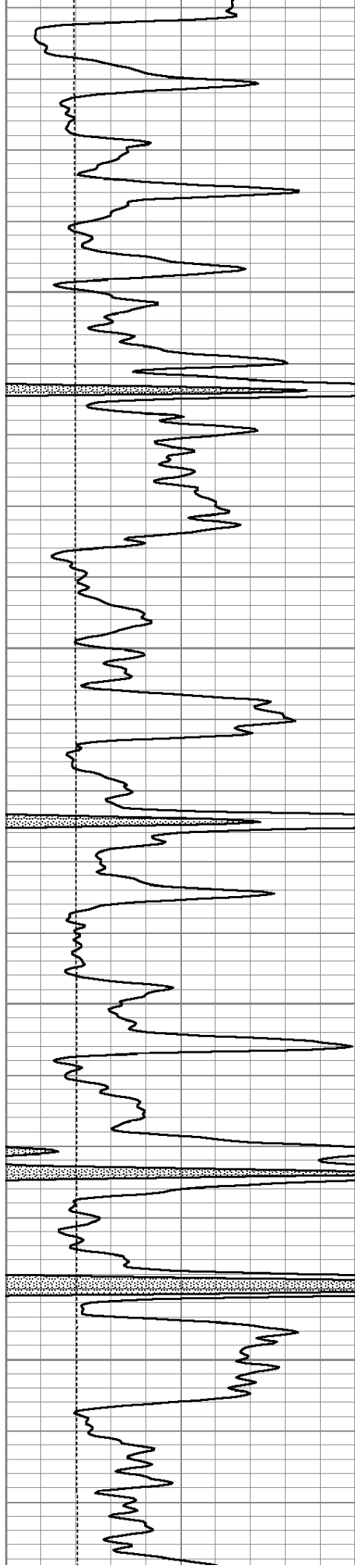
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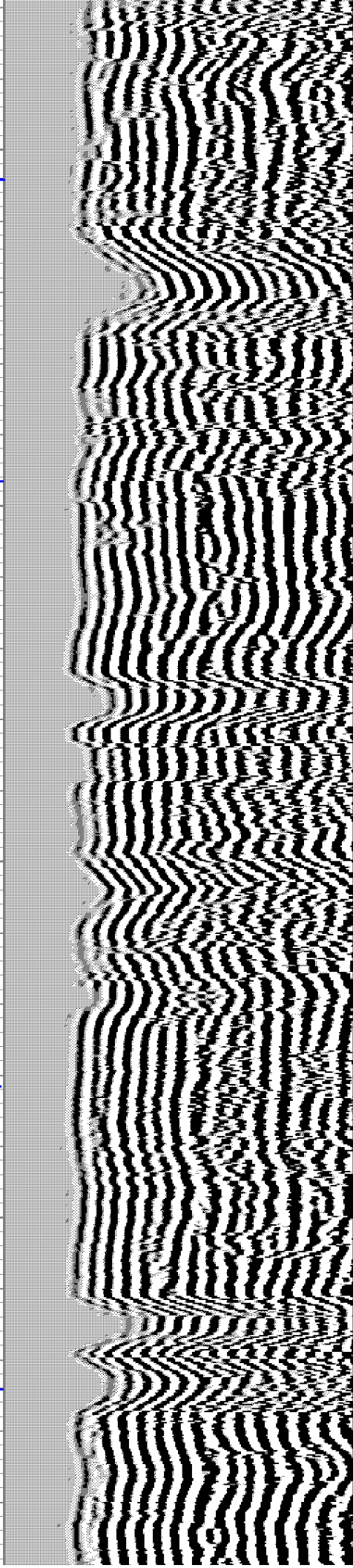
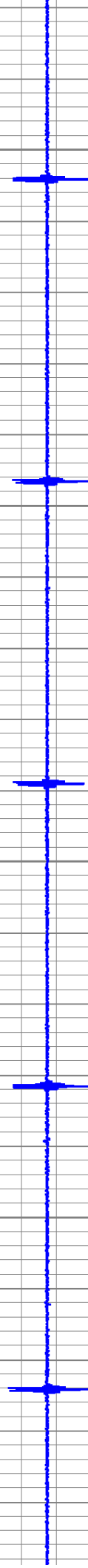
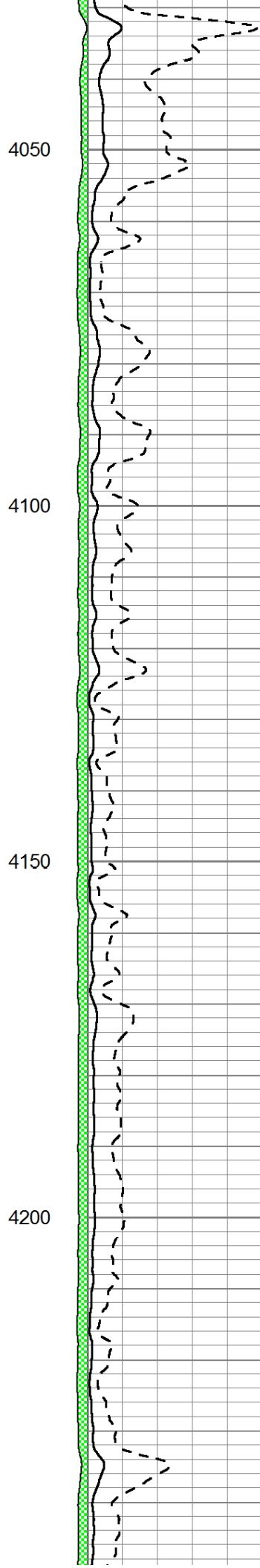
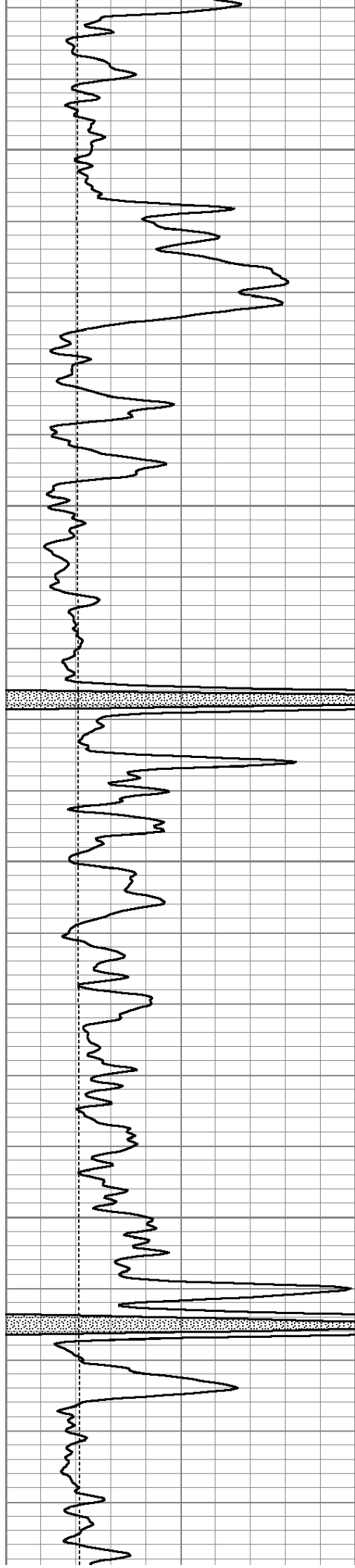
Main Pass

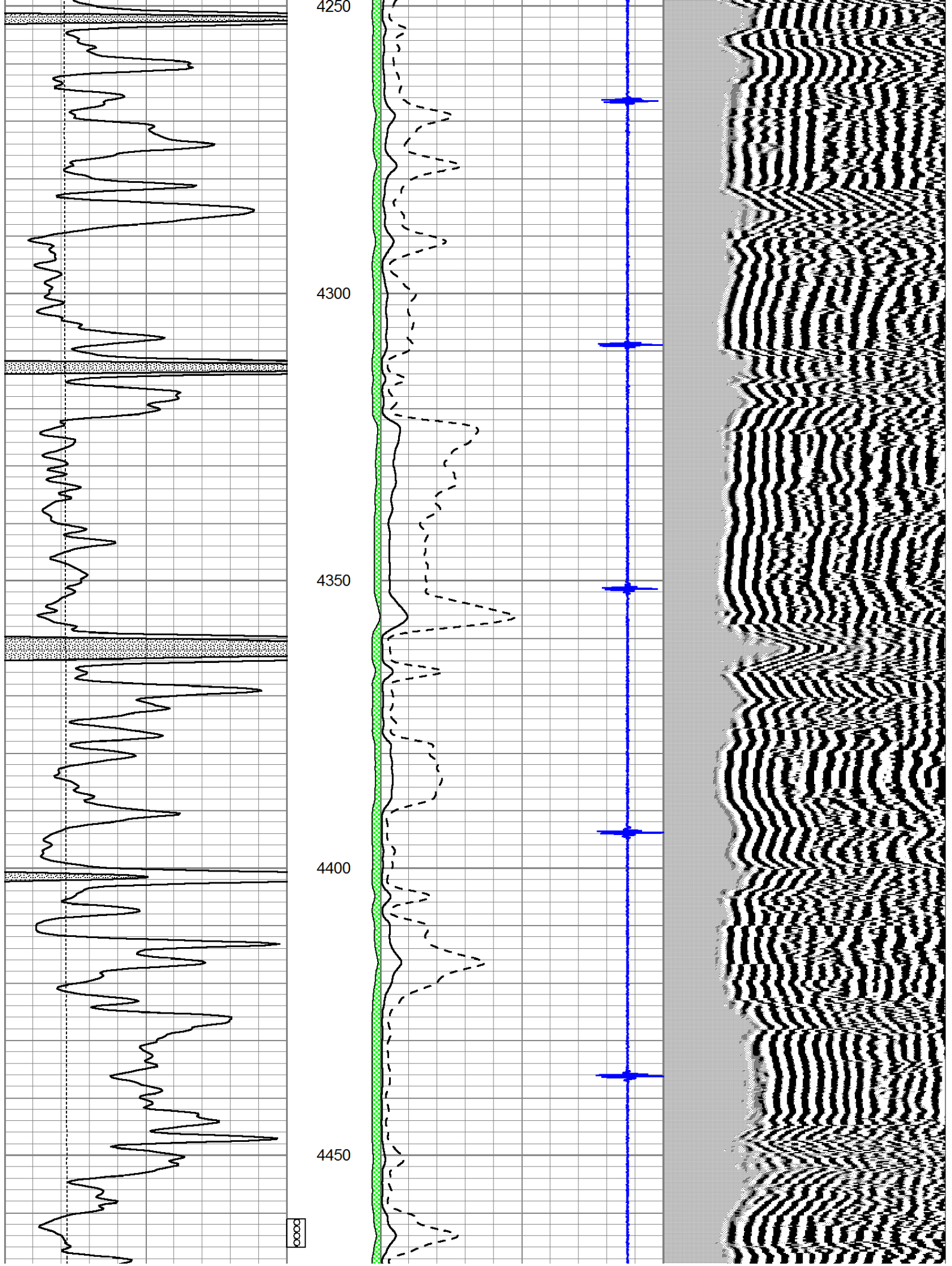
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 Presentation Format: cbldig
 Dataset Creation: Fri Apr 11 09:24:33 2014
 Charted by: Depth in Feet scaled 1:240

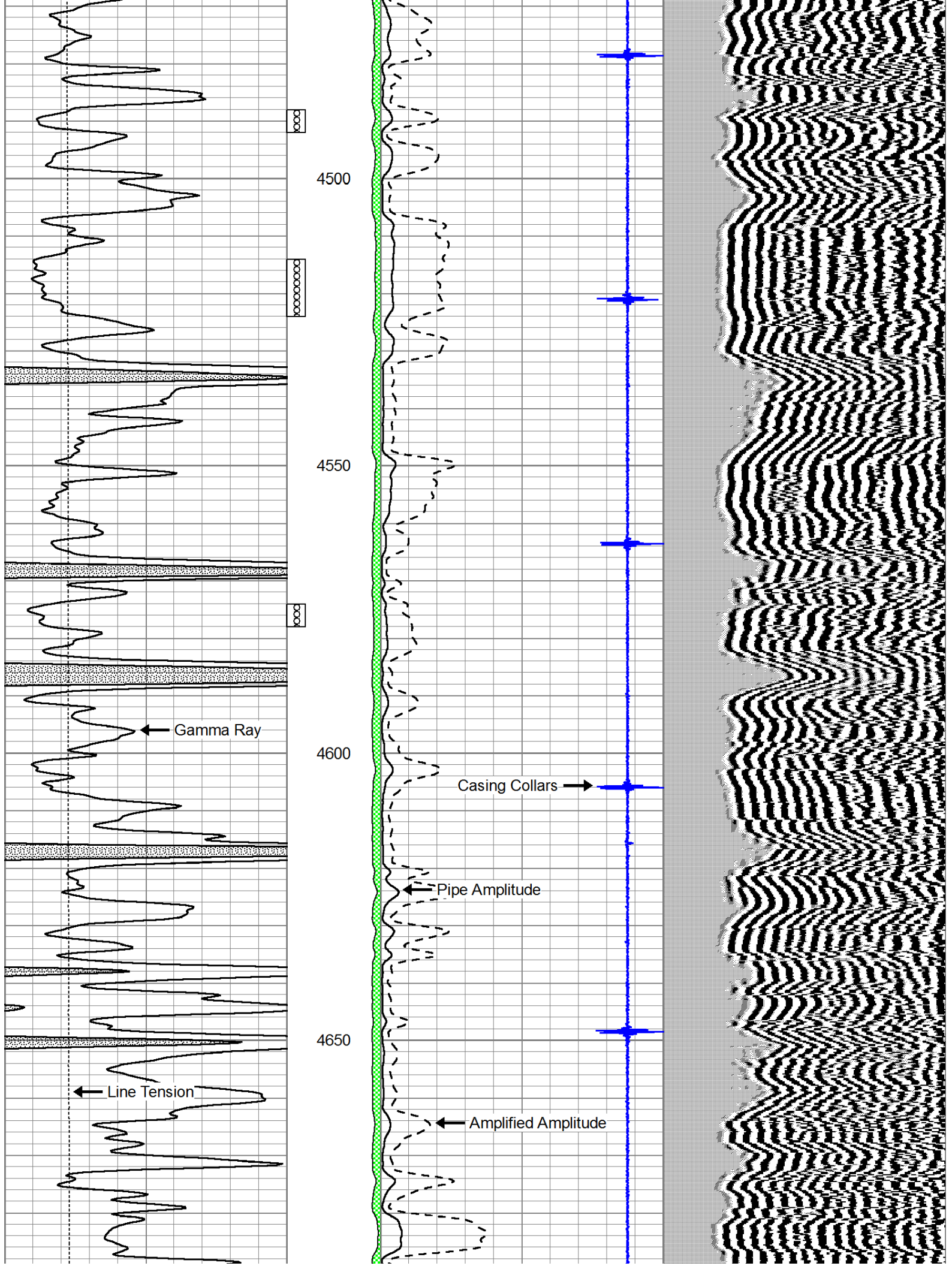
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0	LTEN (lb)	5000	(mV)	0	Amplified Amplitude (mV)	20			
			-100 10	7	Collar Locator	-1			

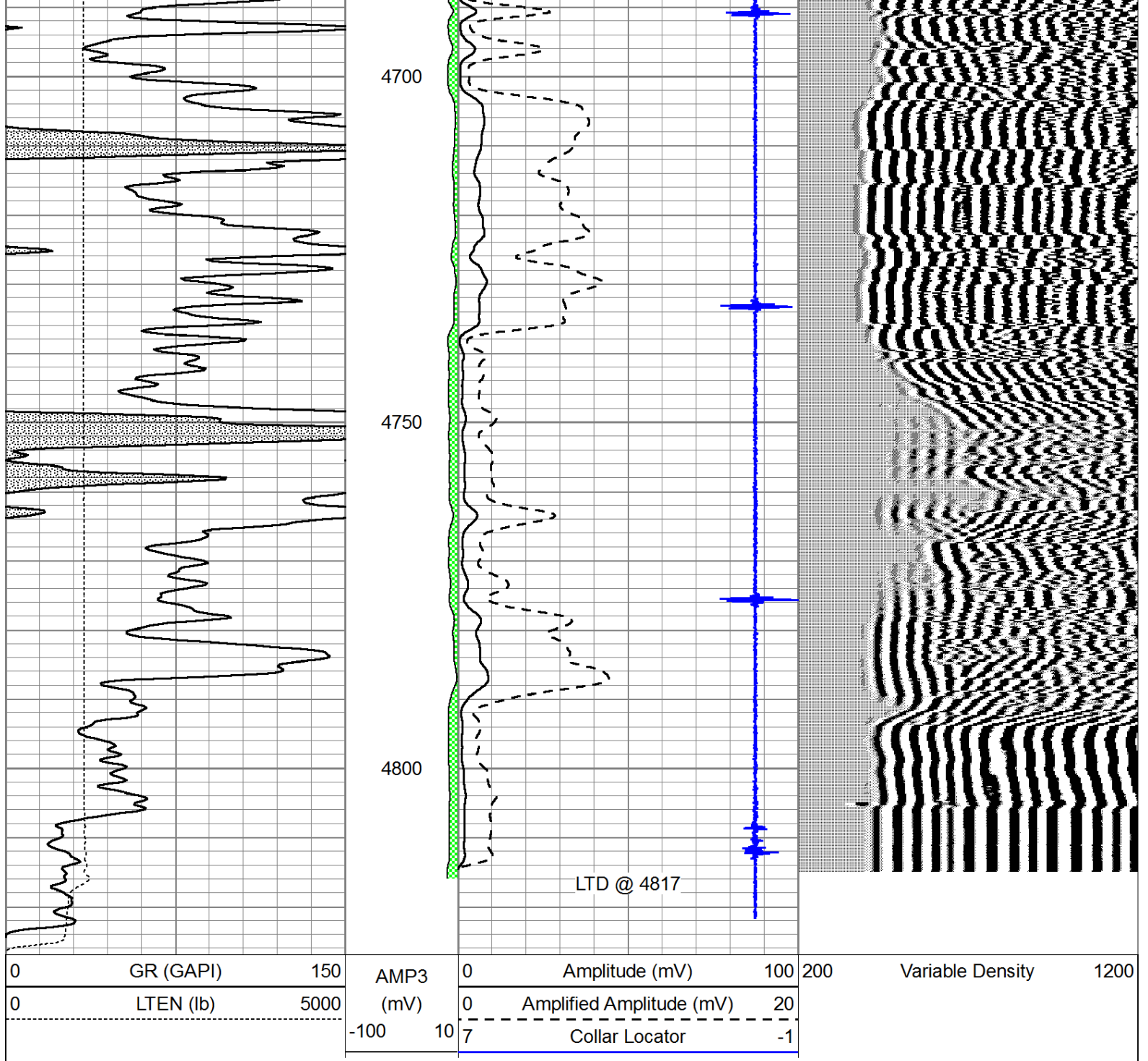












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Repeat Section

Database File: shake_janzen5-36.db
 Dataset Pathname: grcbl/pass2
 Presentation Format: cbl dig
 Dataset Creation: Fri Apr 11 08:51:53 2014 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

