



Sonic Cement
Bond Log

API No.

15-077-21776-0000

Company Atlas Operating, LLC.

Well Sanders-Schmisser No.3

Field Spivey-Grabs-Basil

County Harper State Kansas

Location

660' FNL & 380' FWL

Other Services
Mast Trailor

Sec: 28 Twp: 31 S Rge: 8 W

Elevation

Permanent Datum Ground Level Elevation 1585
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 1595
D.F. 1593
G.L. 1585

Run Number

One

Date Survey

12/29/2011

Date Cementing

12/22/2011

Type Cementing Operation

Primary

Depth Driller

4950

Depth Logger

4890

Logged Interval

4888 to 2500

Casing Driller

4.5 @

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

2700

Calculated Cement Top

////

Max. Hole Temperature

125

Tool No.

DBT 1-1

Spacing Recorded

3-5

Equipment -- Location

13 Hays

Recorded By

M. Schwerdtfeger

Witnessed By

Bob Younce

S. Chesney

<<< 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

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(785) 625-3858

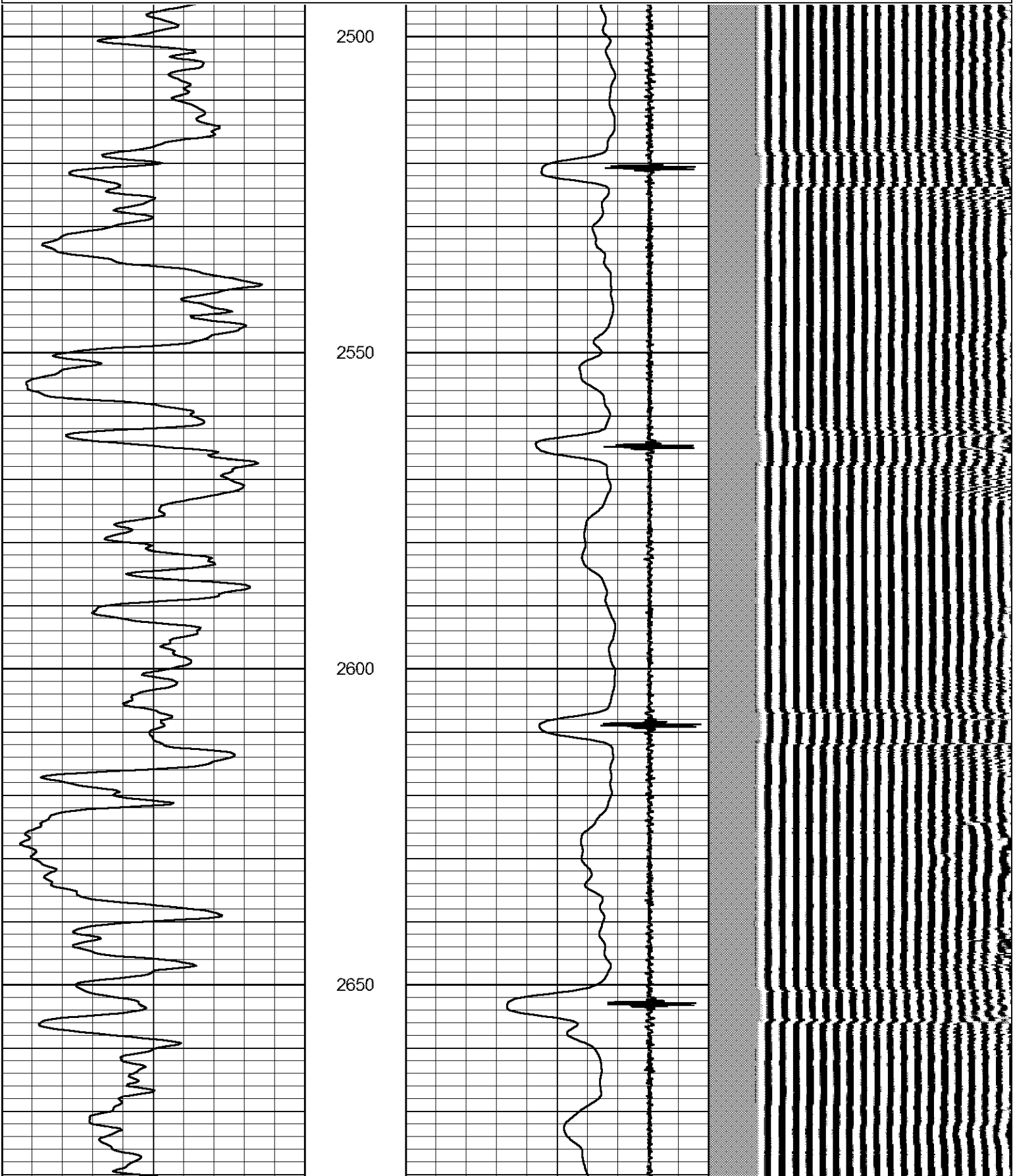
Zenda S. to Mag Plant,
Mag Plant 2S, 2E, 1S,
W. Into

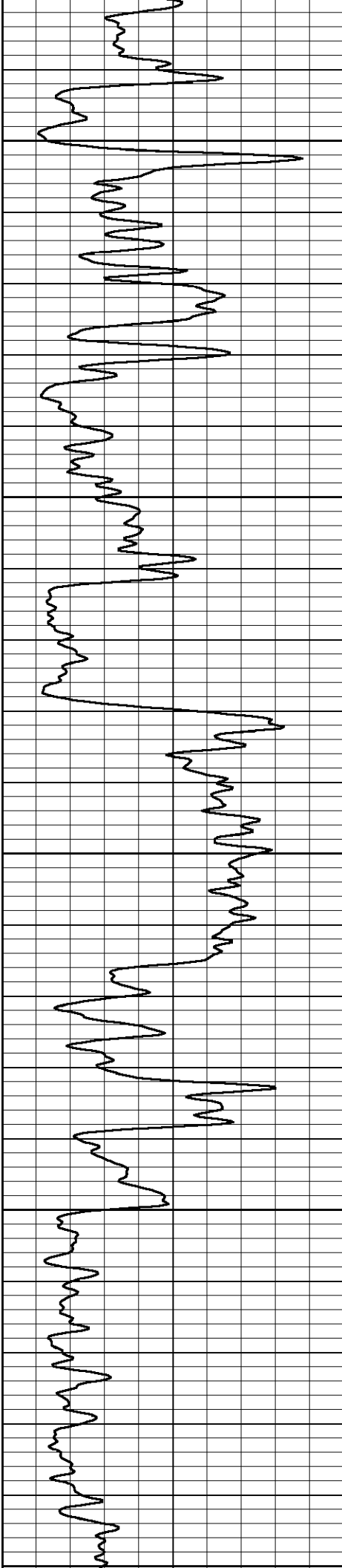


Main Pass

Database File: atlas-sanders-schmisseur3.db
Dataset Pathname: grcbl/pass4.2
Presentation Format: cbldig
Dataset Creation: Thu Dec 29 09:40:19 2011 by Calc SCH 110630
Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	AMP3ft	0	Amplitude (mV)	100	200	Variable Density	1200
0	Line Tension (lb)	5000	(mV)	0	Amplified Amplitude (mV)	10			
			-100 10	25	Collar Locator	-6			





2700

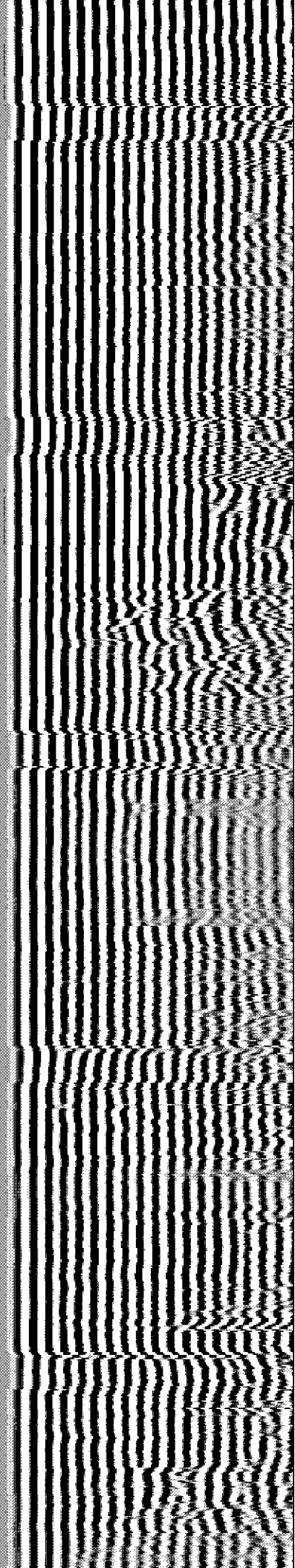
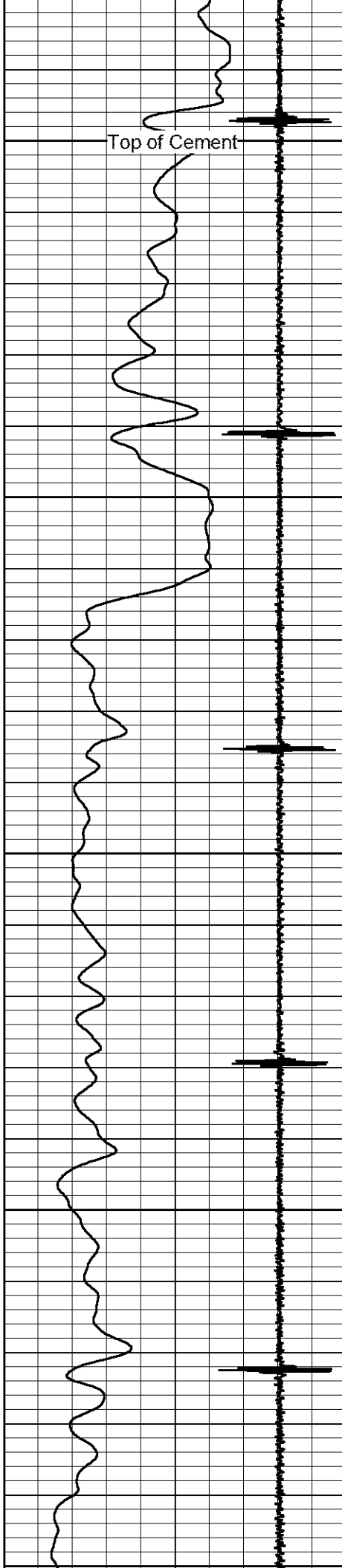
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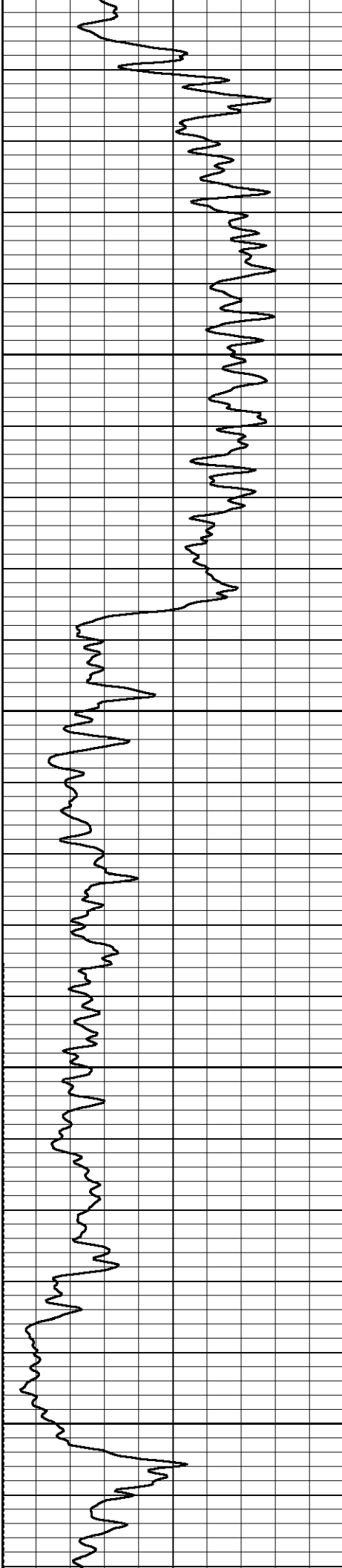
2800

2850

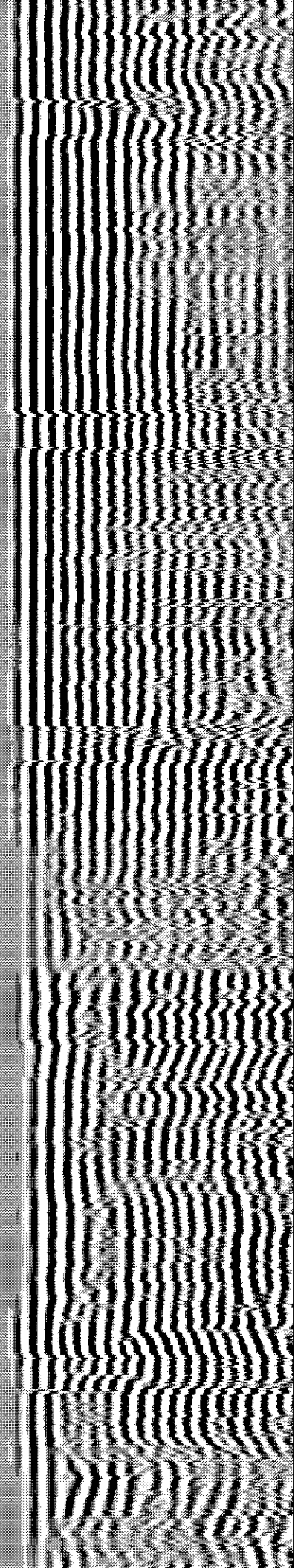
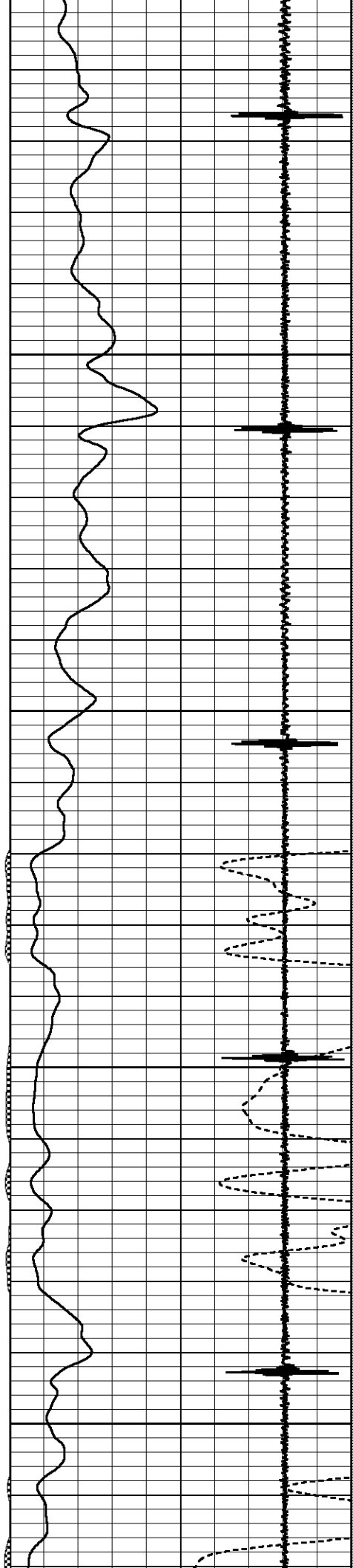
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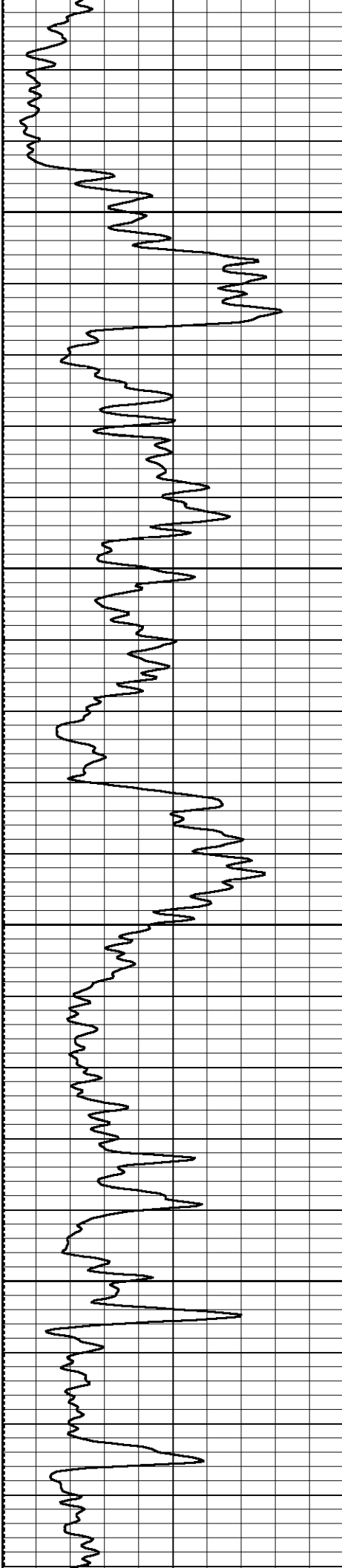
Top of Cement





2900
2950
3000
3050
3100



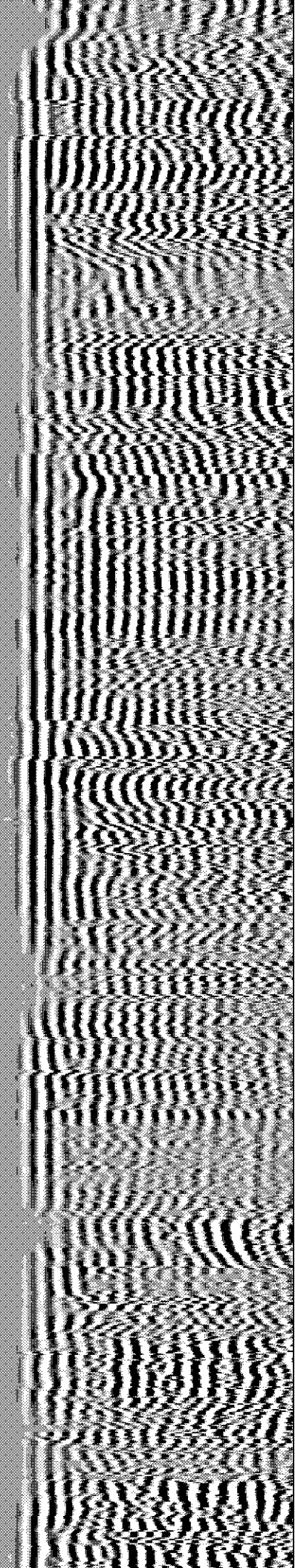
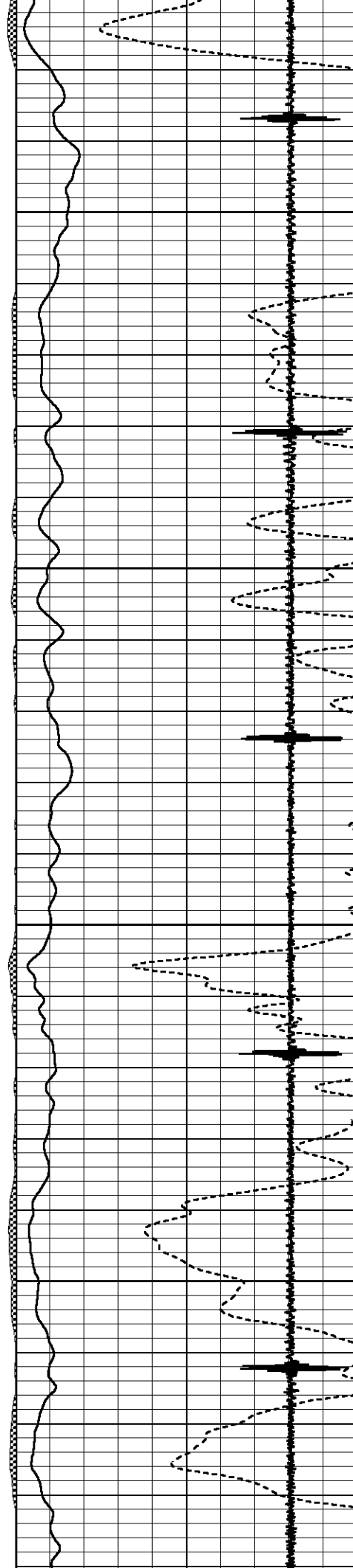


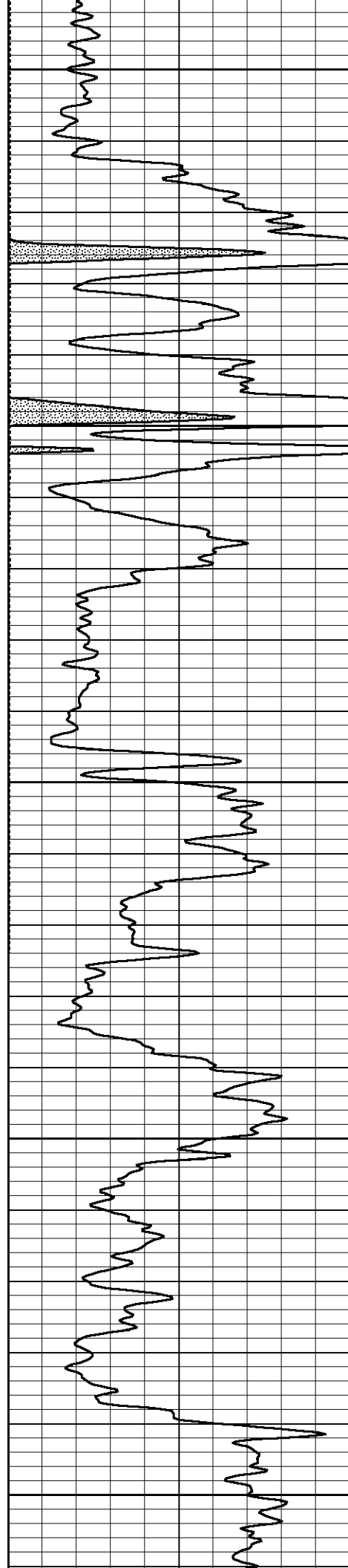
3150

3200

3250

3300





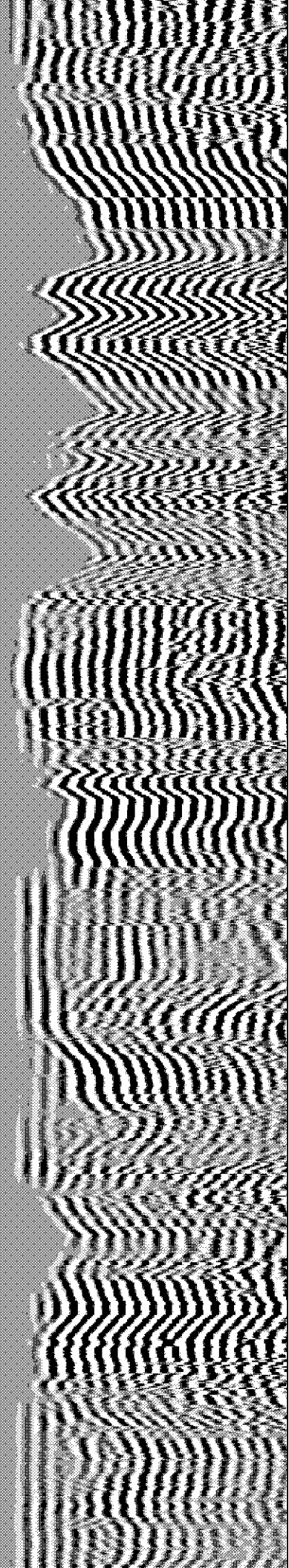
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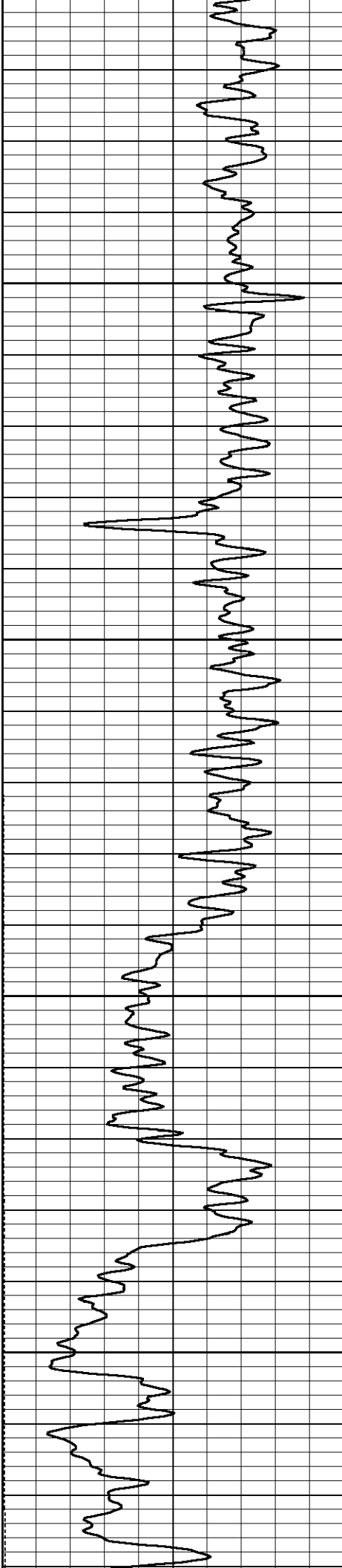
3400

3450

3500

3550



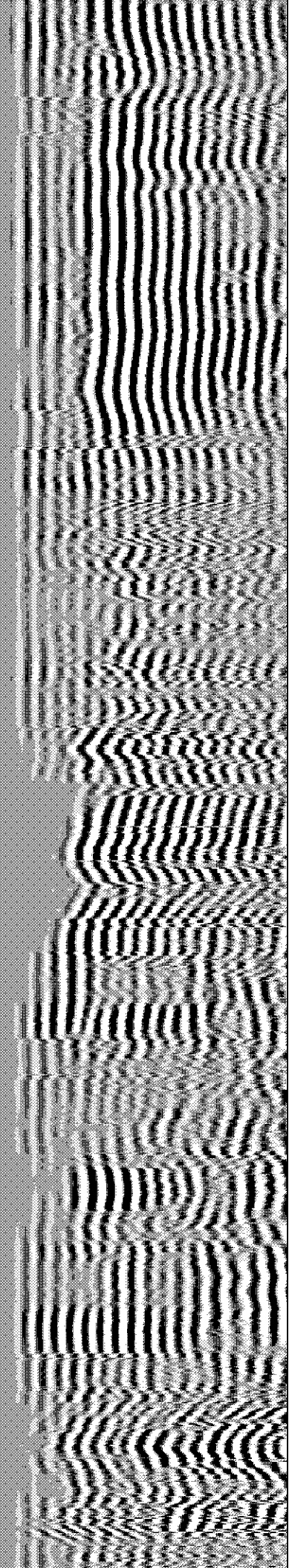
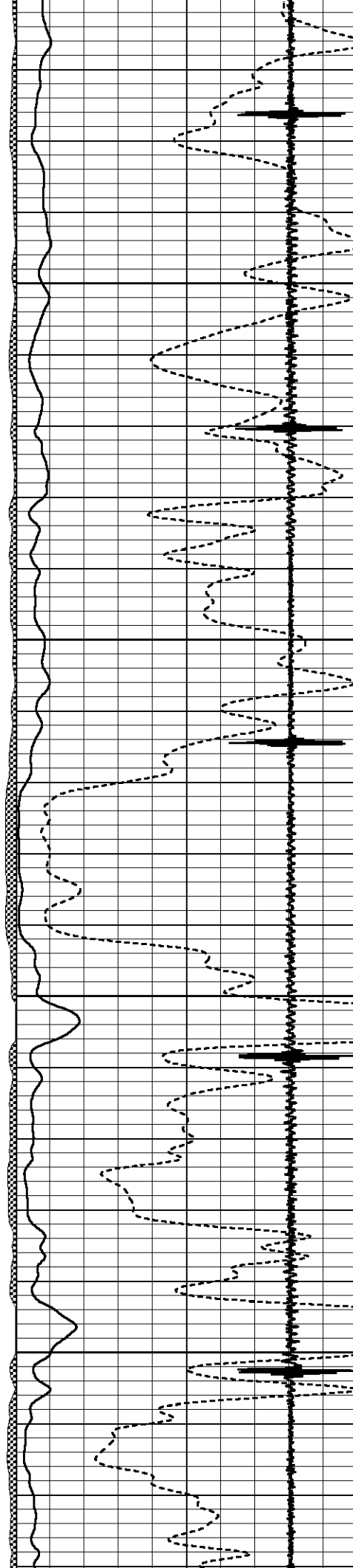


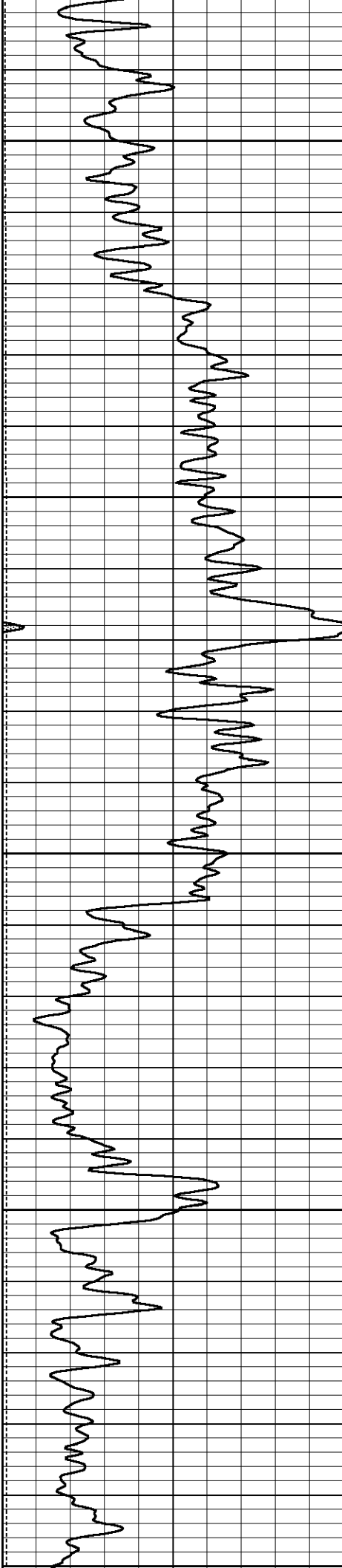
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3650

3700

3750





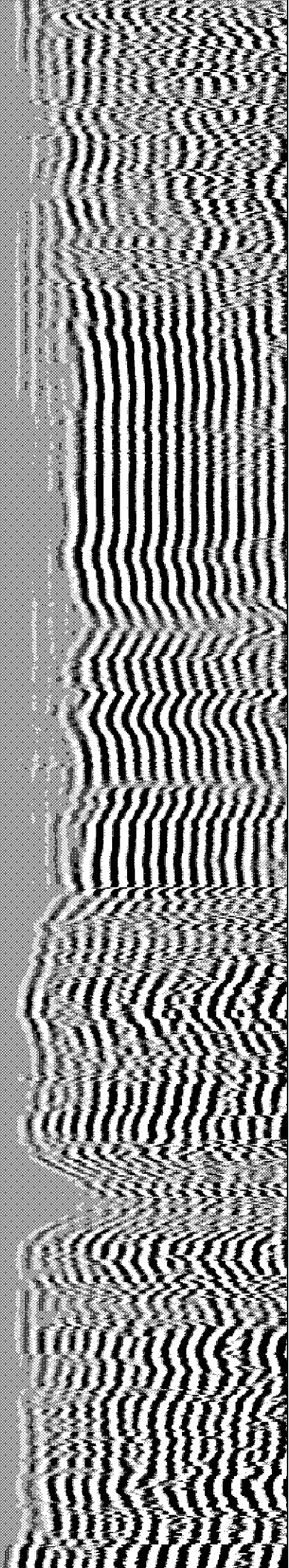
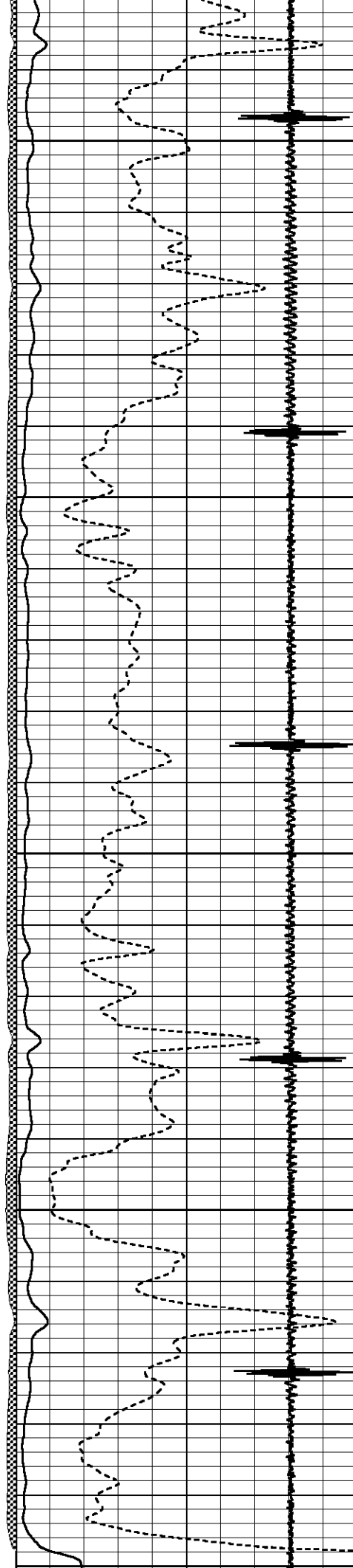
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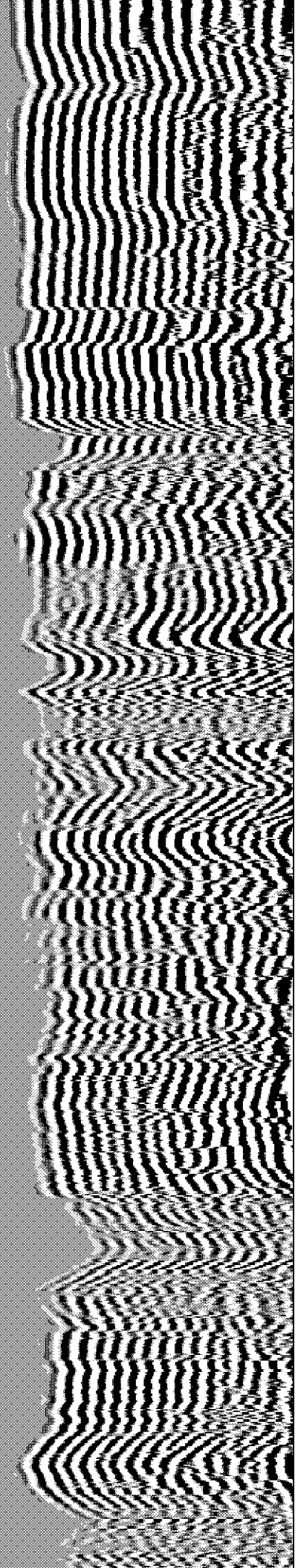
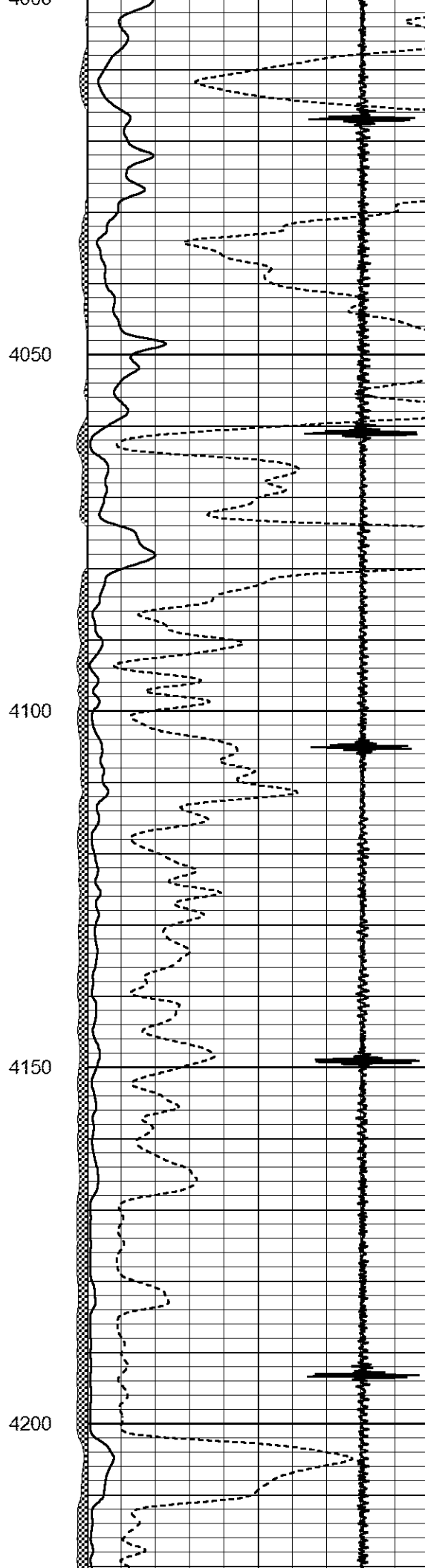
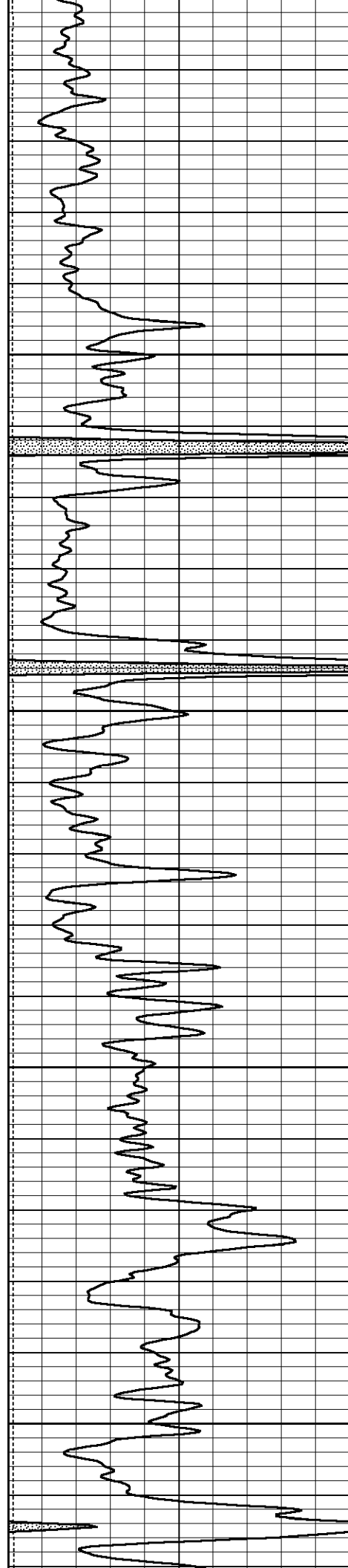
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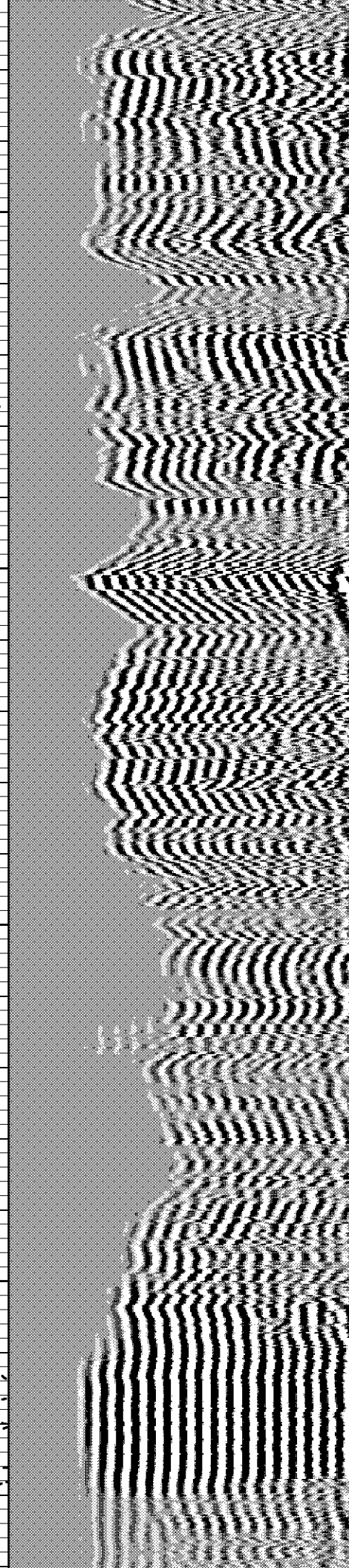
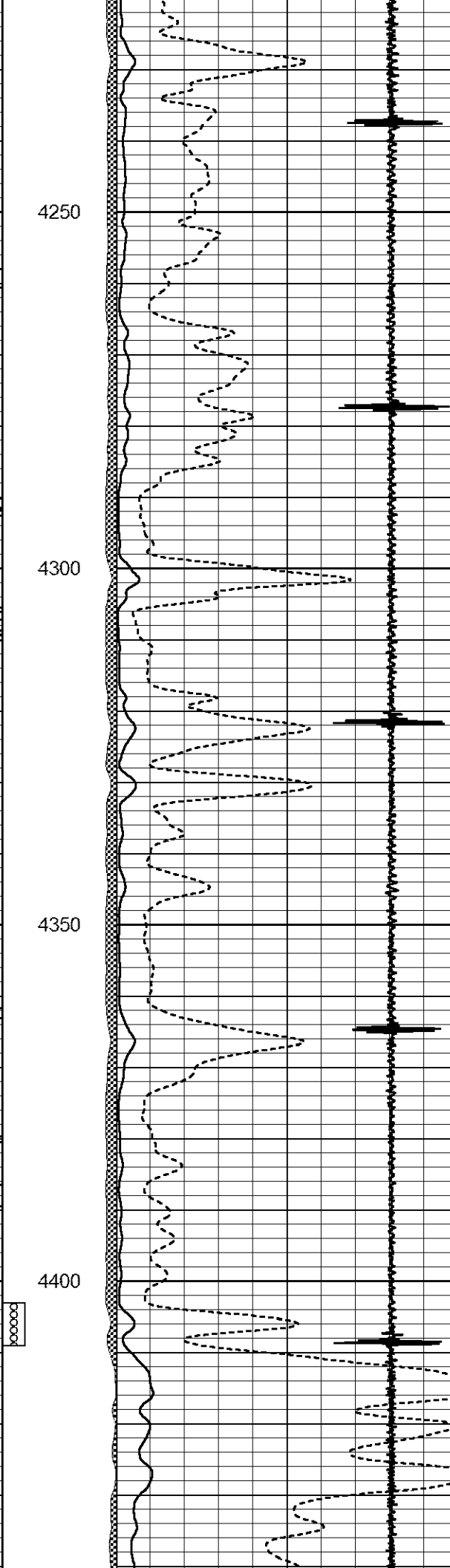
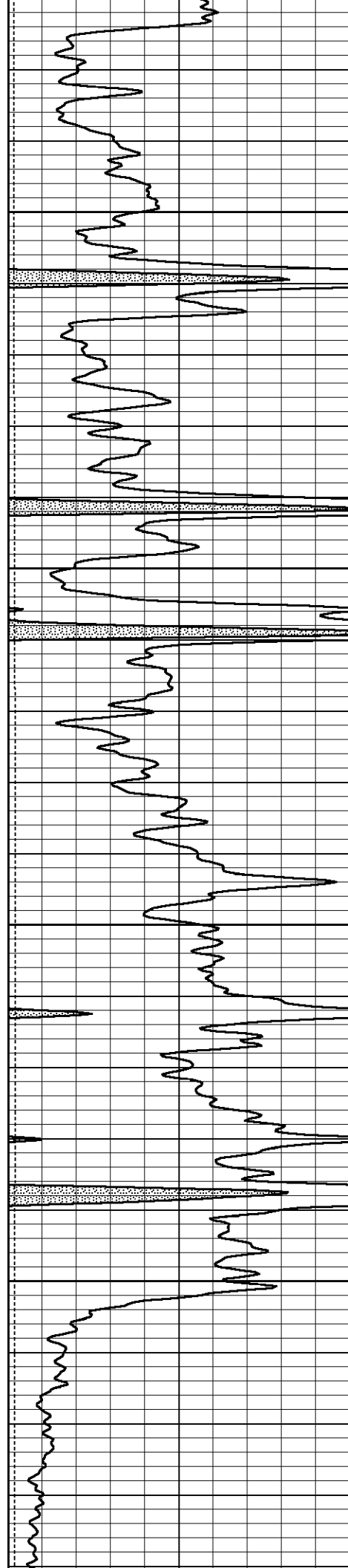
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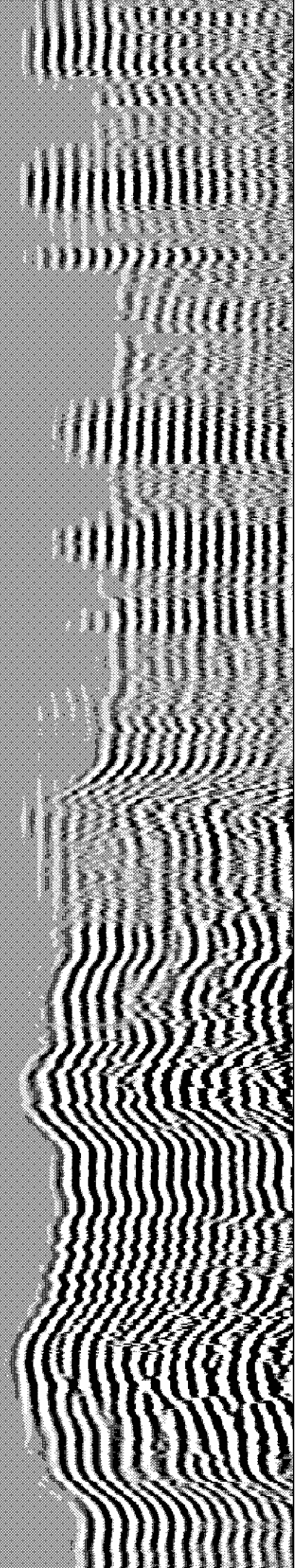
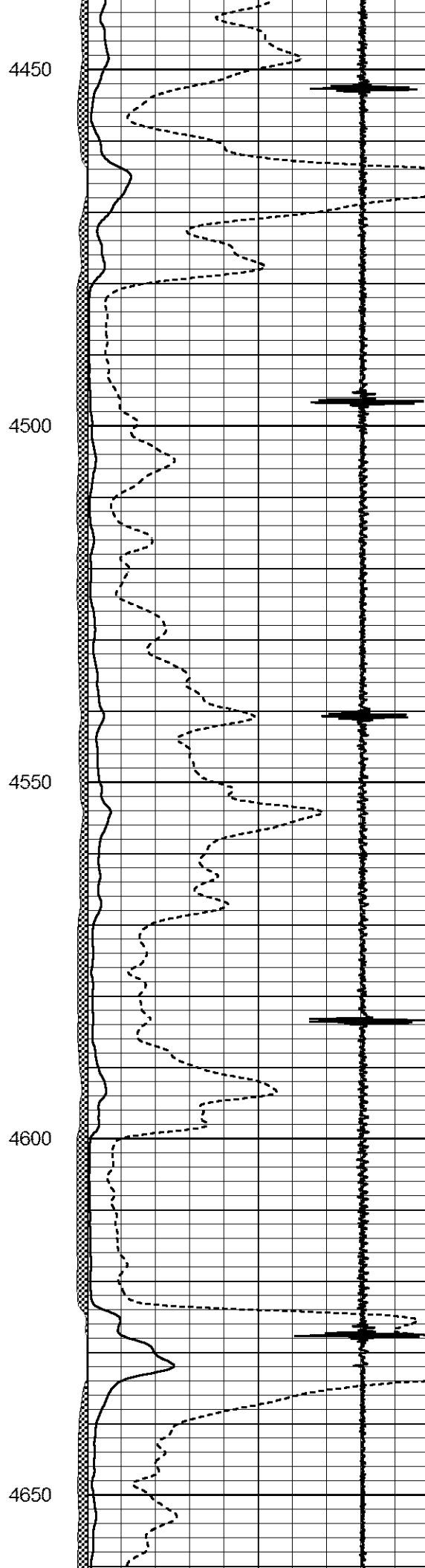
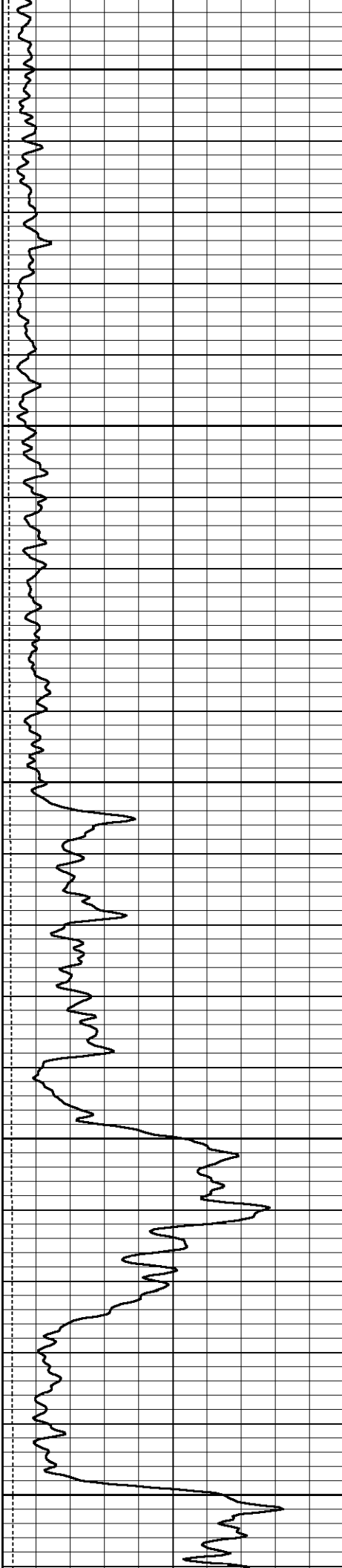
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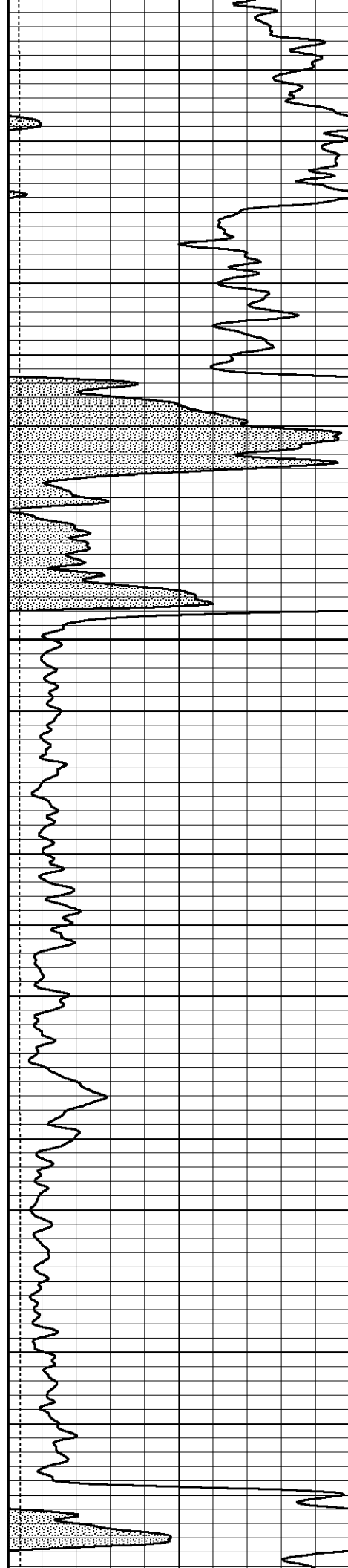
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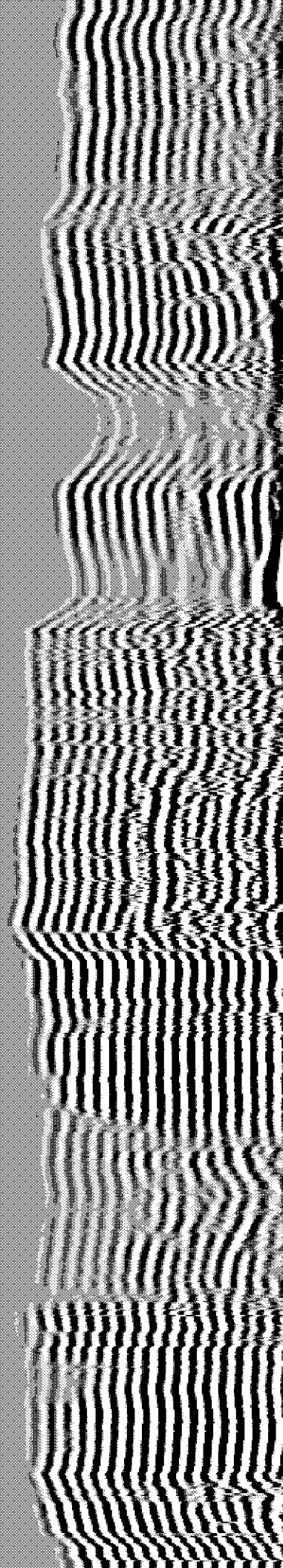
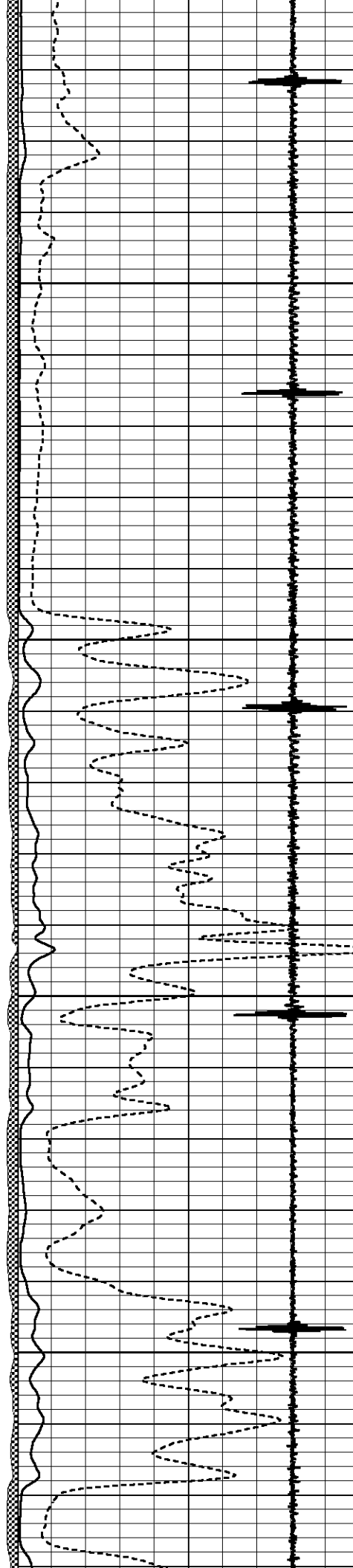


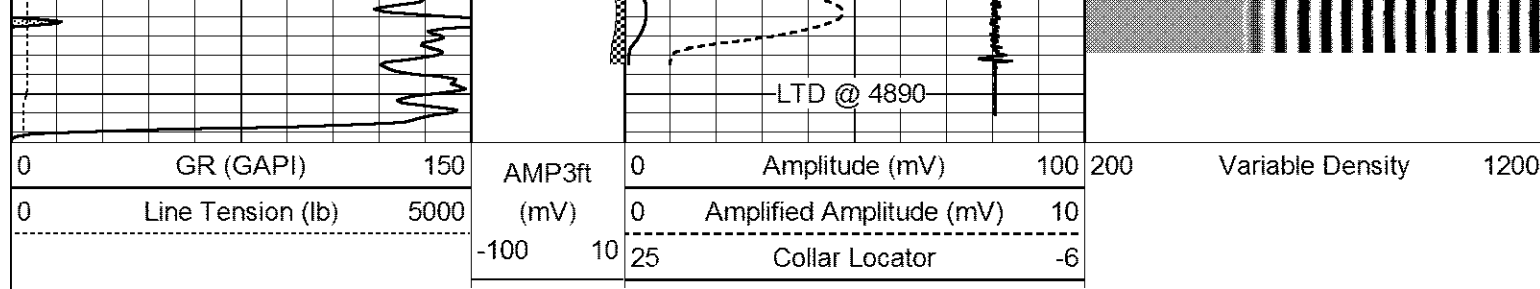
4700

4750

4800

4850





LOG-TECH

Repeat Section

Database File: atlas-sanders-schmisseur3.db
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 Charted by: Depth in Feet scaled 1:240

