



Sonic Cement Bond Log

API No.

15-007-24169-0000

Company Chieftain Oil Co, Inc.

Well Rathgerber #3

Field

County Barber

State Kansas

Location

2702' FSL & 2344' FWL
SE SE SE NWOther Services
Mast Trailer

Sec: 6

Twp: 35S

Rge: 11W

Elevation

Permanent Datum Ground Level Elevation 1375
Log Measured From Kelly Bushing 12 Ft. Above Perm. Datum
Drilling Measured From Kelly BushingK.B. 1387
D.F. 1386
G.L. 1375

Run Number

One

Date Survey

5-19-2014

Date Cementing

5-13-2014

Type Cementing Operation

Primary

Depth Driller

5544

Depth Logger

5512

Logged Interval

5511 to 3350

Casing Driller

5.5 @ 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

3582

Calculated Cement Top

////

Max. Hole Temperature

////

Tool No.

Dig 01

Spacing Recorded

3-5

Equipment -- Location

01 Pratt

Recorded By

Dillon Ezell

Witnessed By

Ryan Moiz

<<< 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 Excel Wireline (620) 388-5676

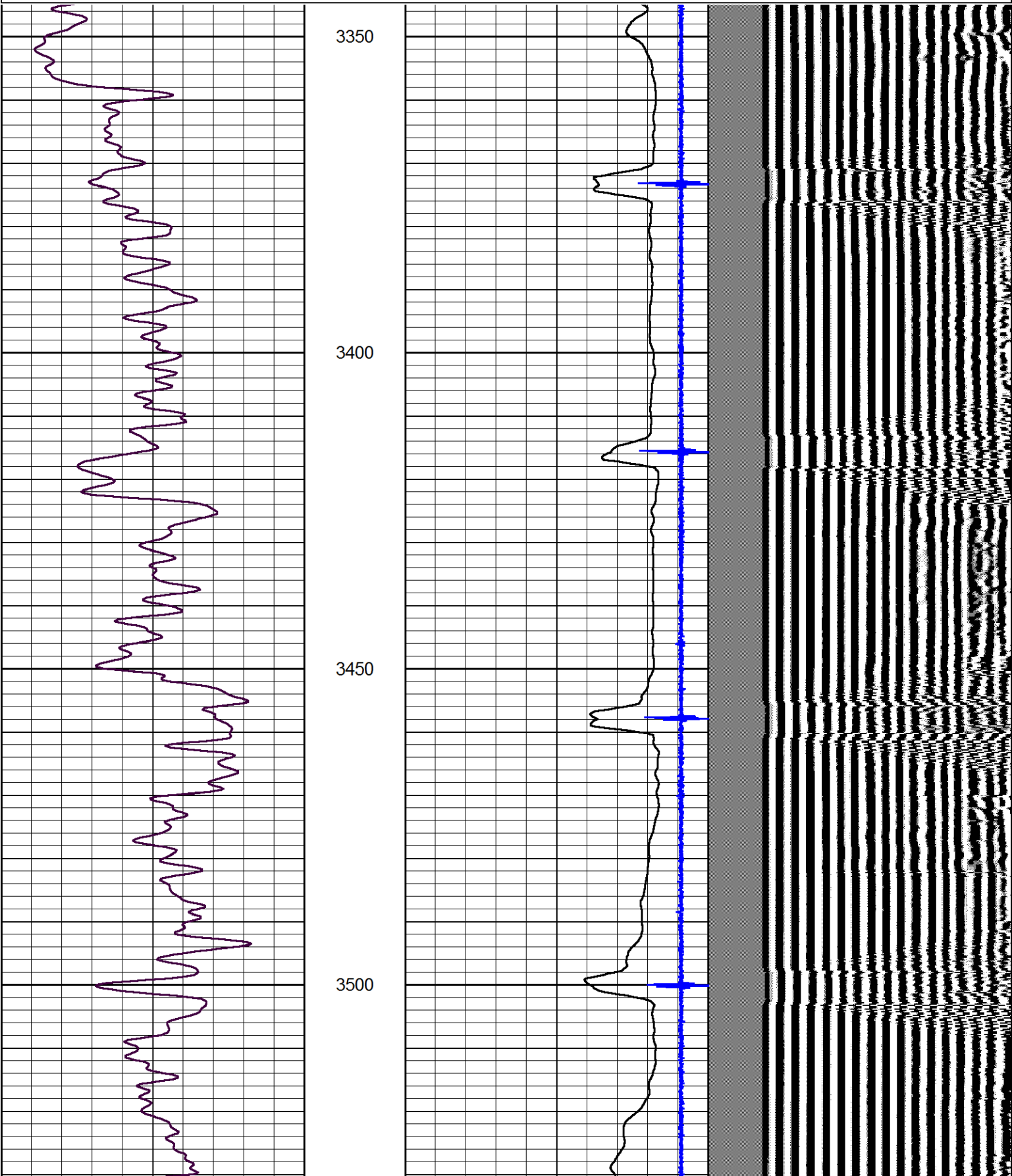
Hwy 281 & Hwy 2
1/2 North and East Into

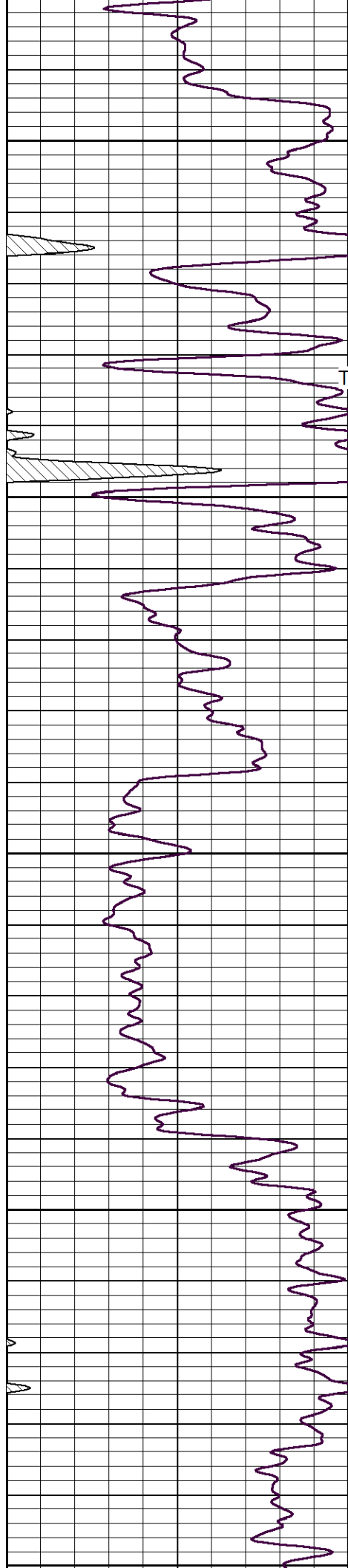


Main Pass

Database File	chieftain_rathterber#3.db
Dataset Pathname	grcbl/pass5
Presentation Format	cbldr
Dataset Creation	Mon May 19 12:58:24 2014
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	amp3ft	3	Casing Collars	-0.3	200	wvf5ft	1200
			(mV)	0	Amplified Amplitude (mV)	100			
			-100 10	0	Pipe Amplitude (mV)	20			





3550

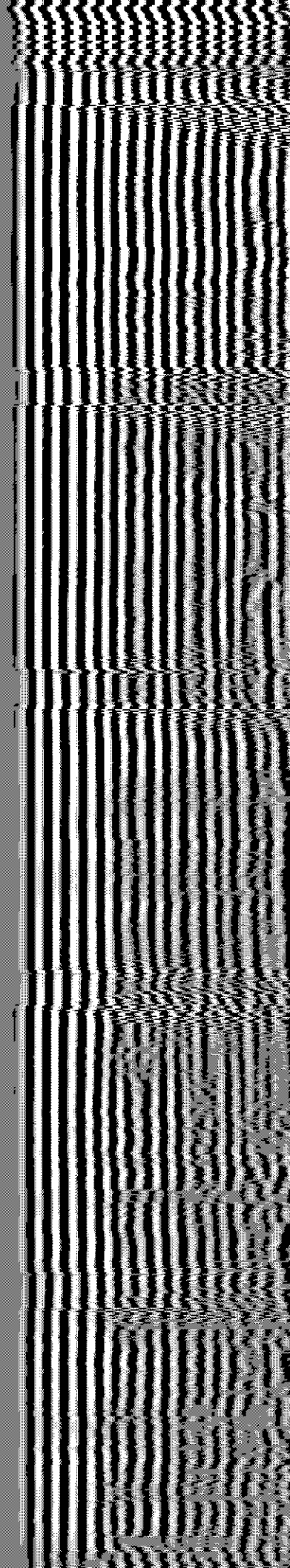
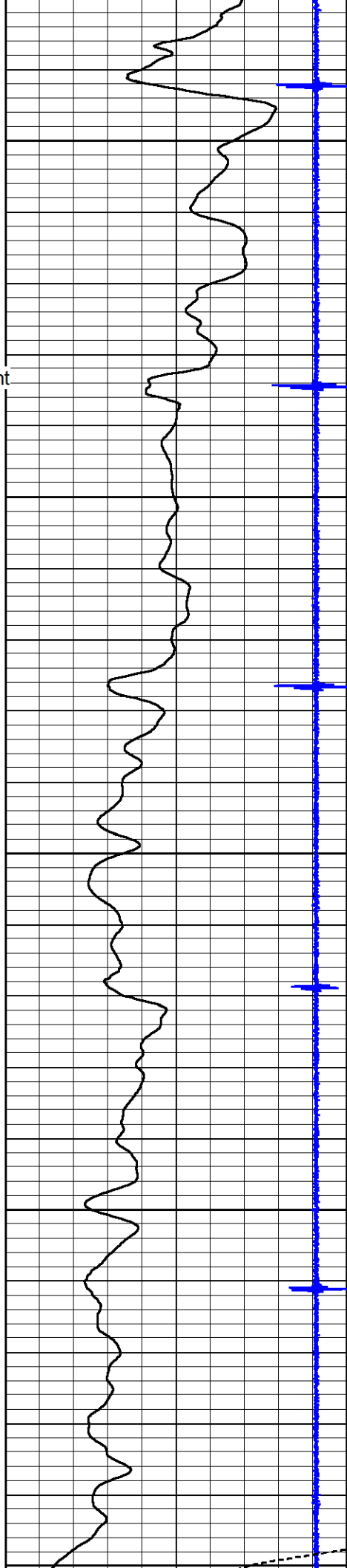
Top of Cement

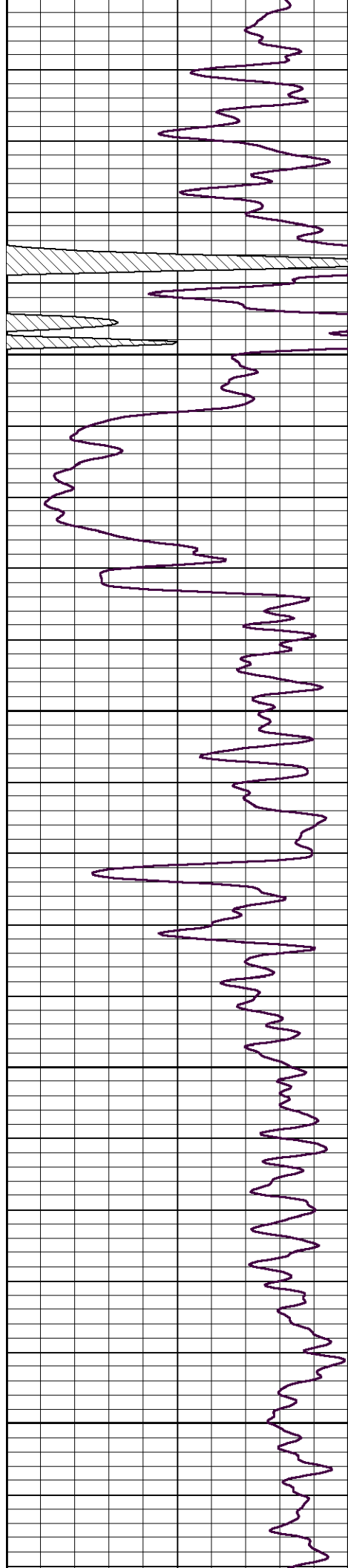
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3650

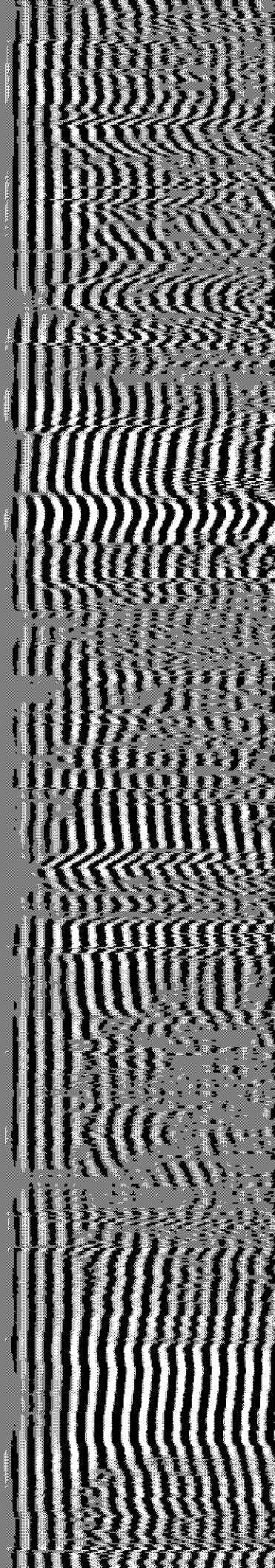
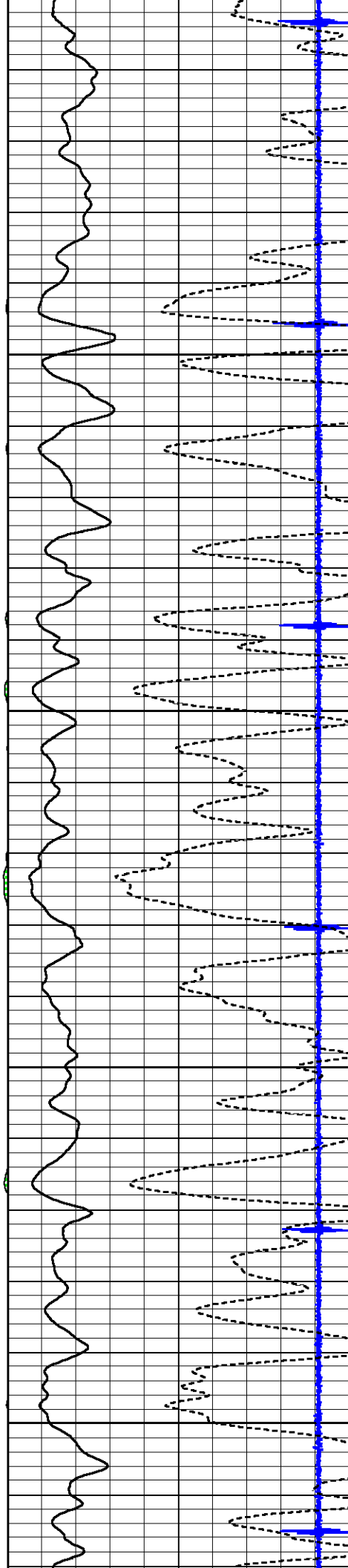
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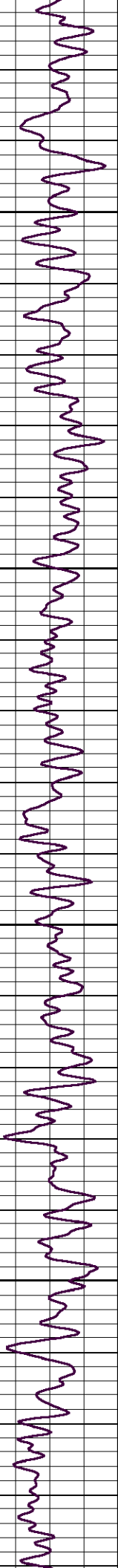
3750





3750
3800
3850
3900
3950



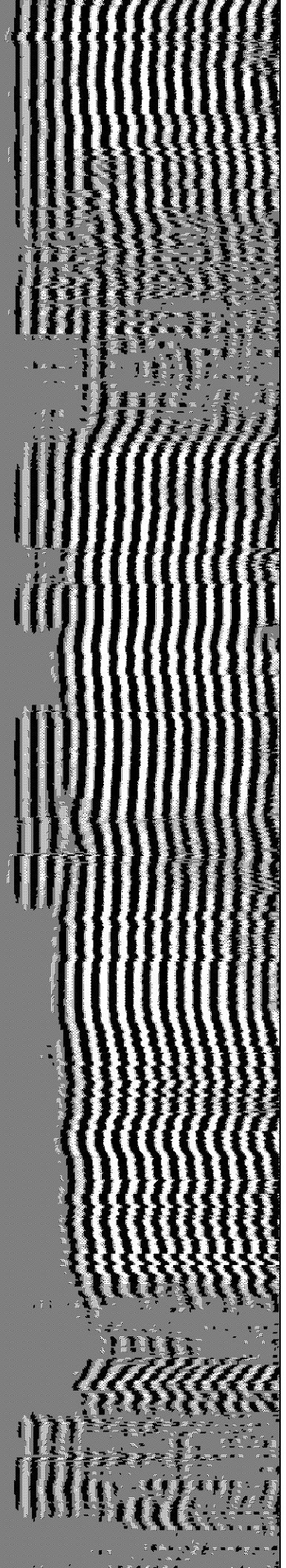
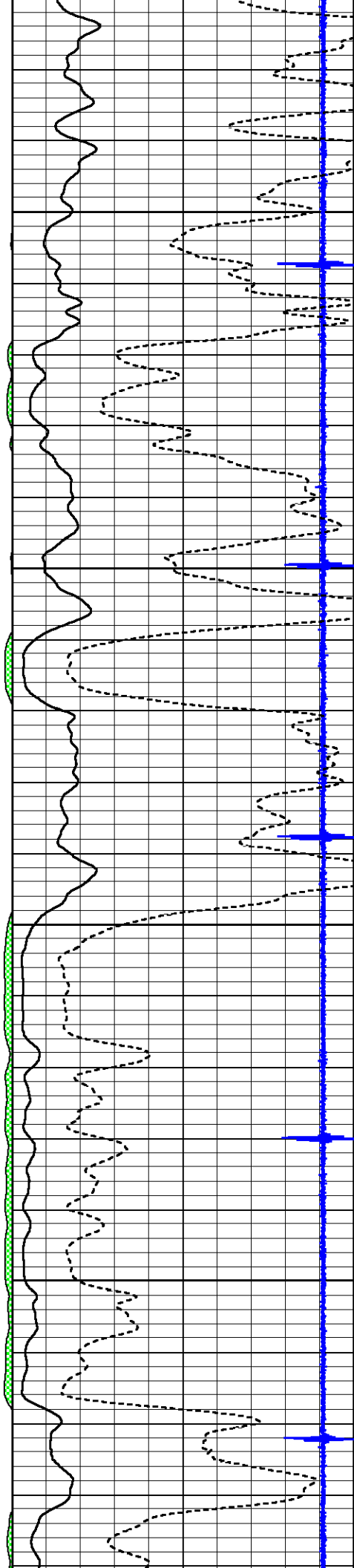


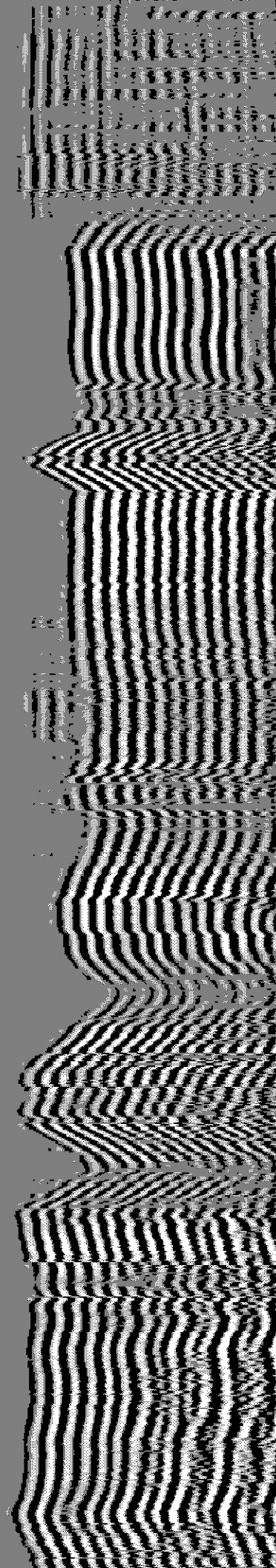
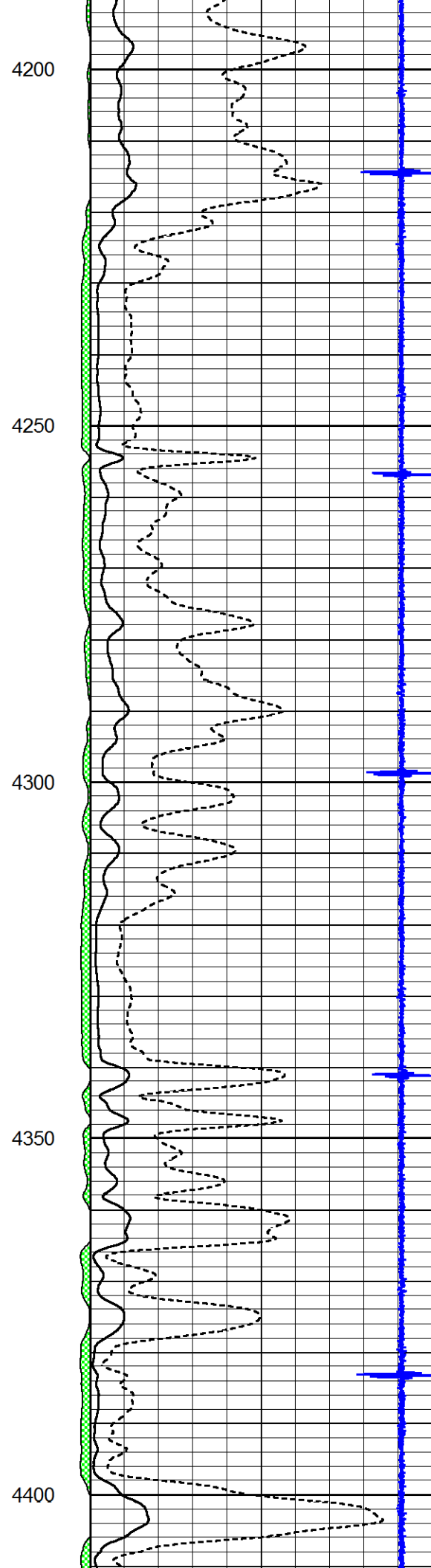
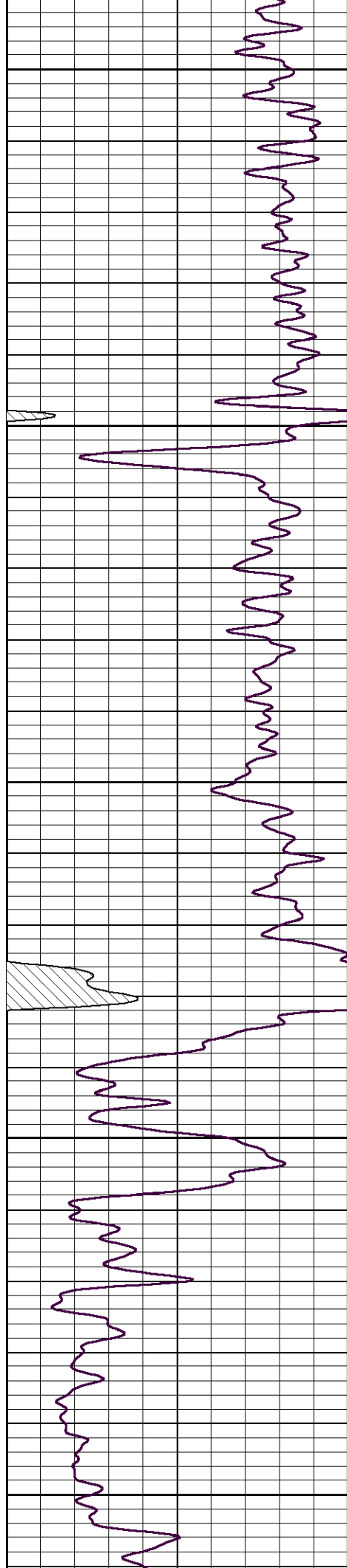
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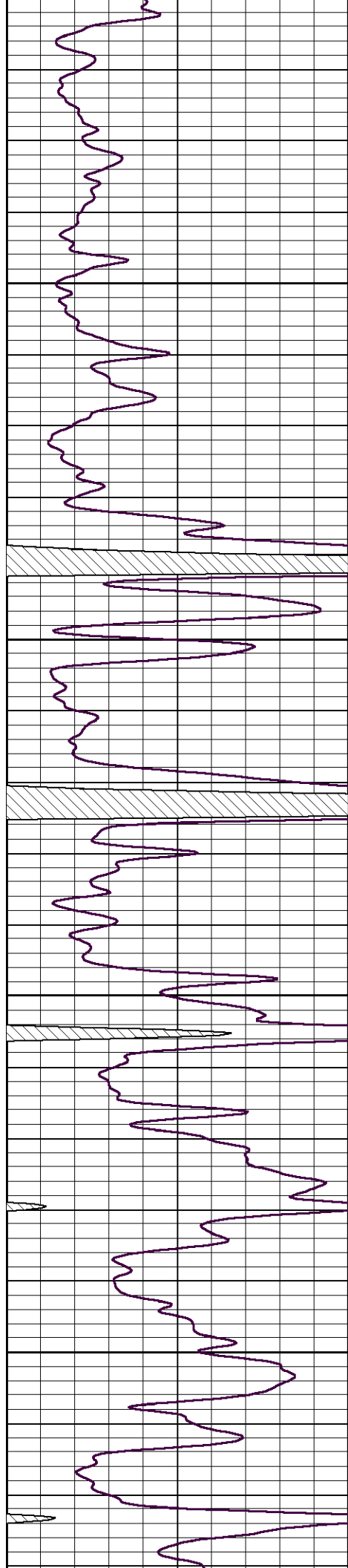
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4100

4150





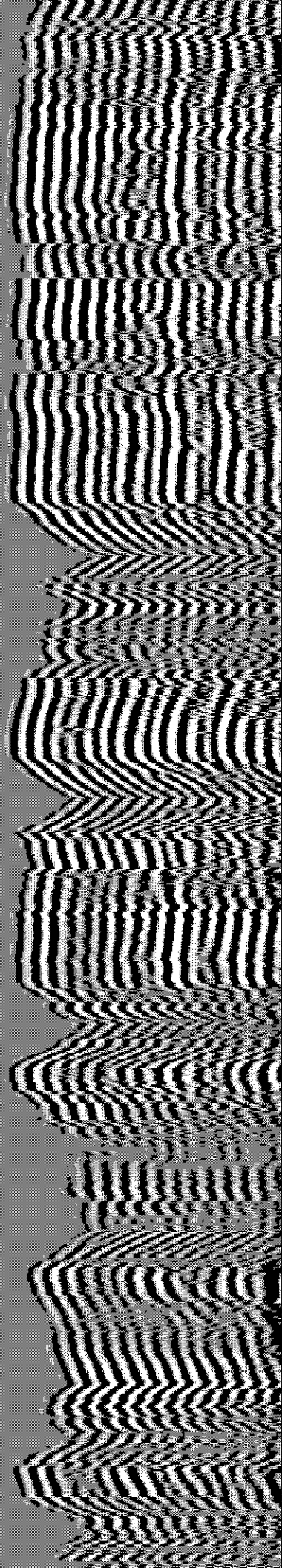
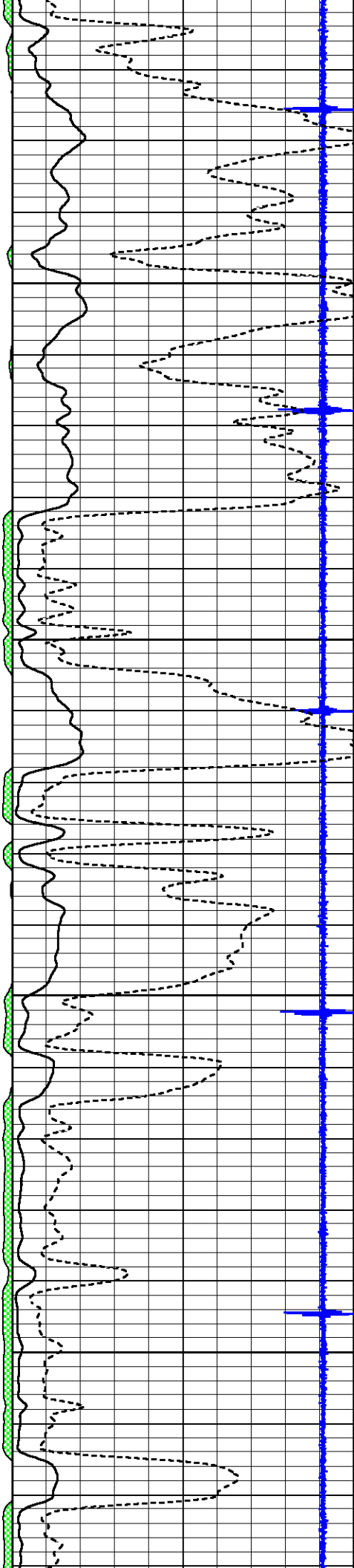


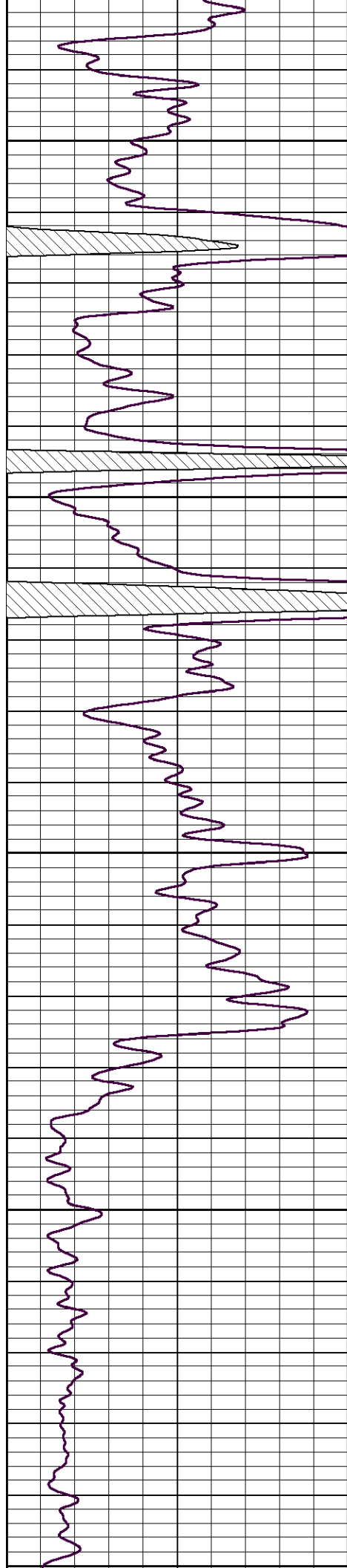
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4500

4550

4600





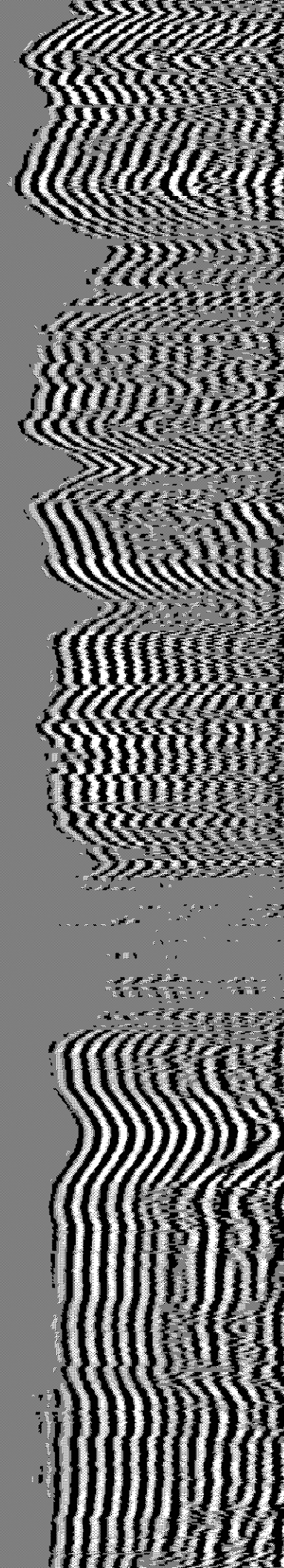
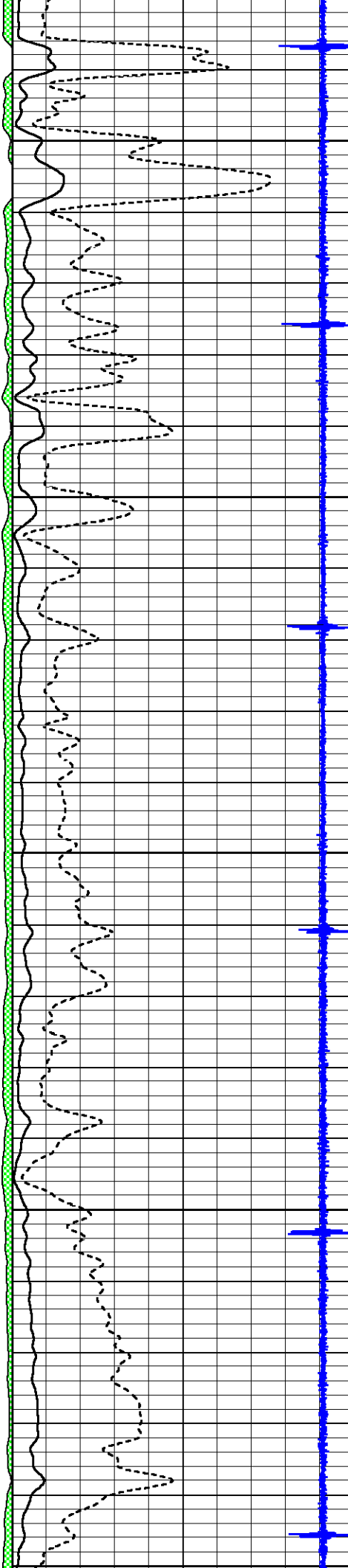
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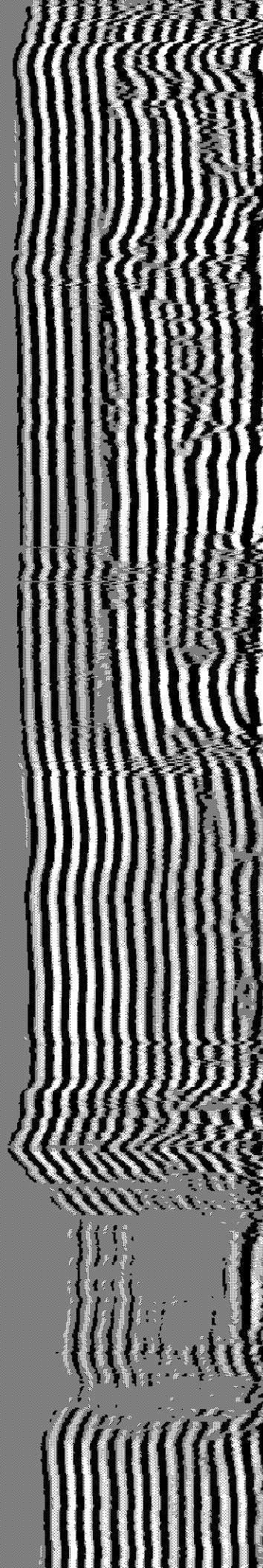
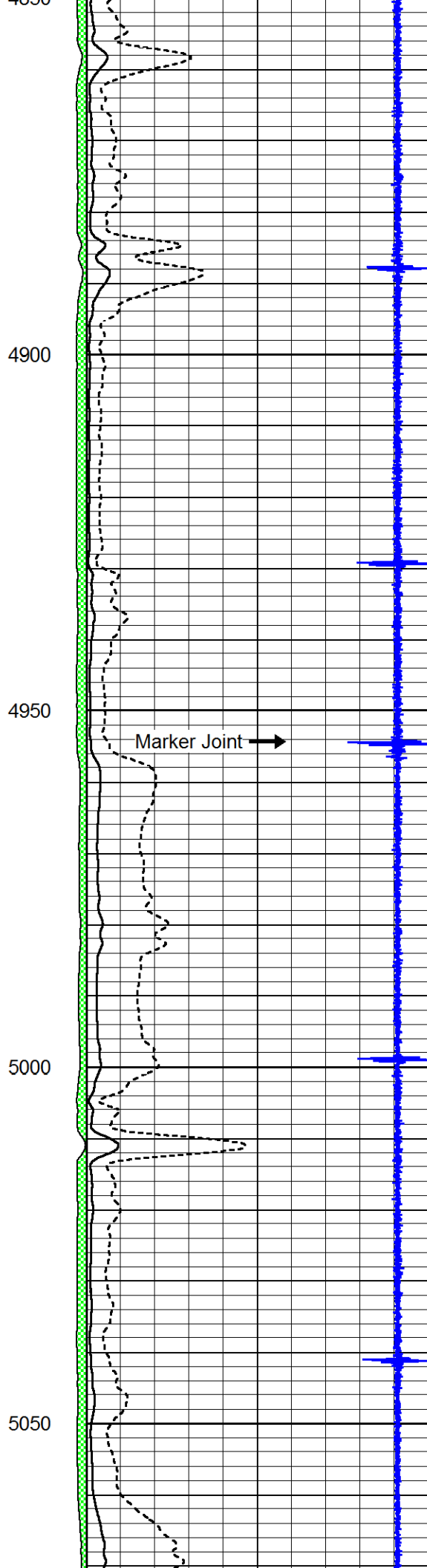
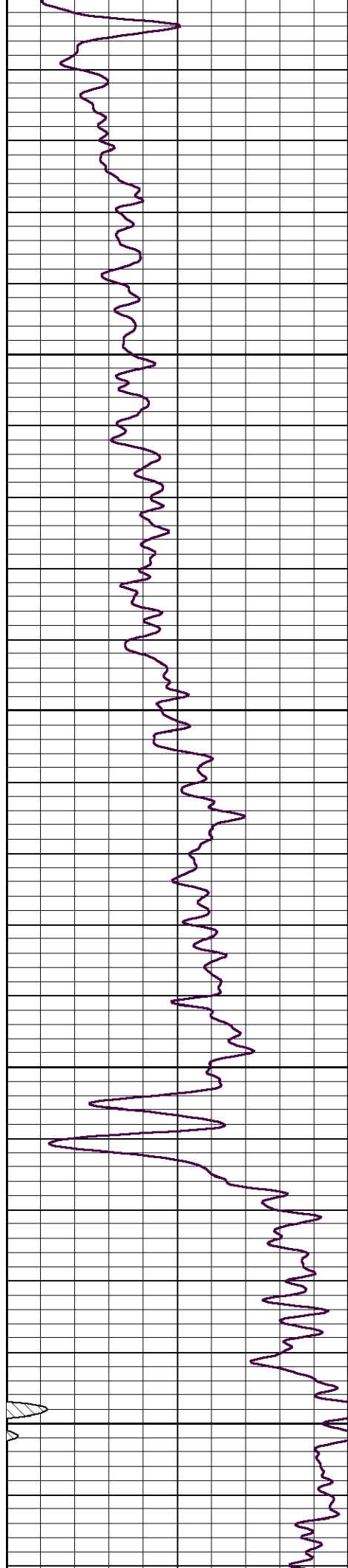
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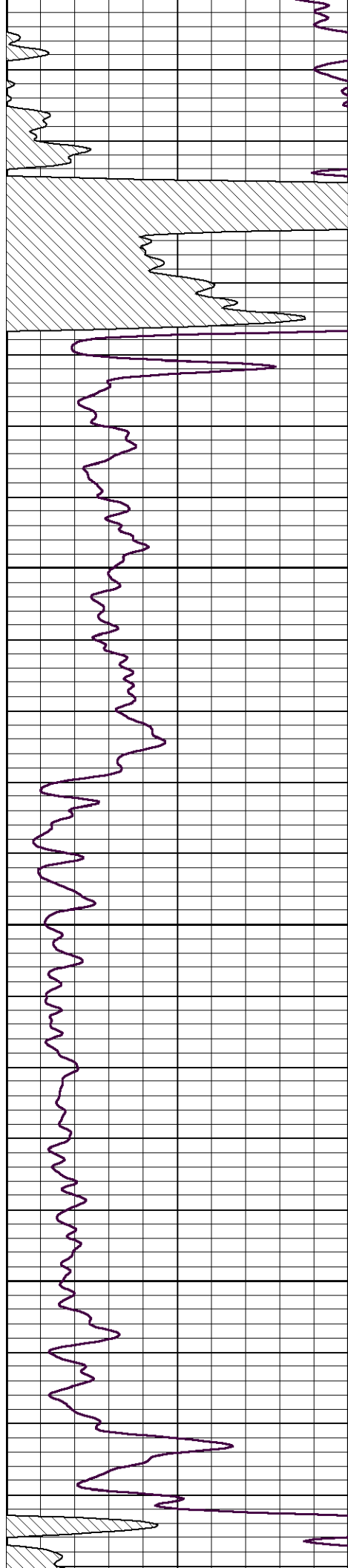
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4800

4850





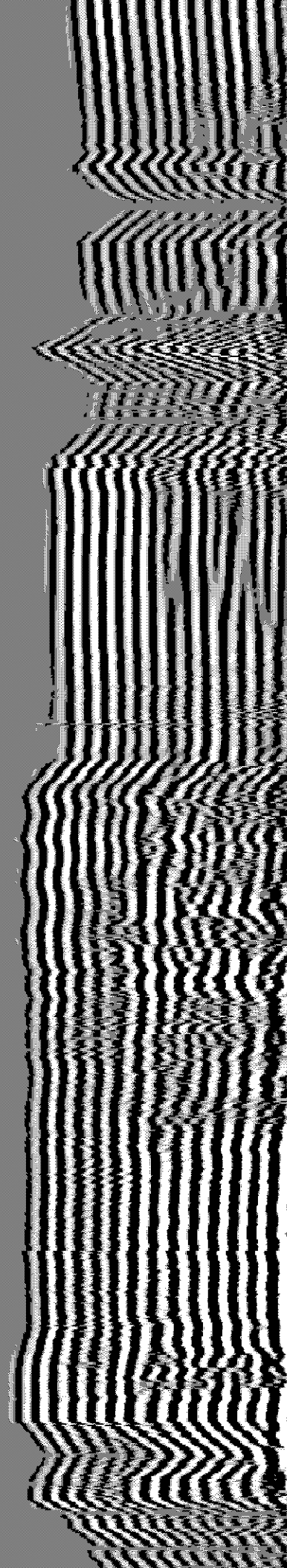
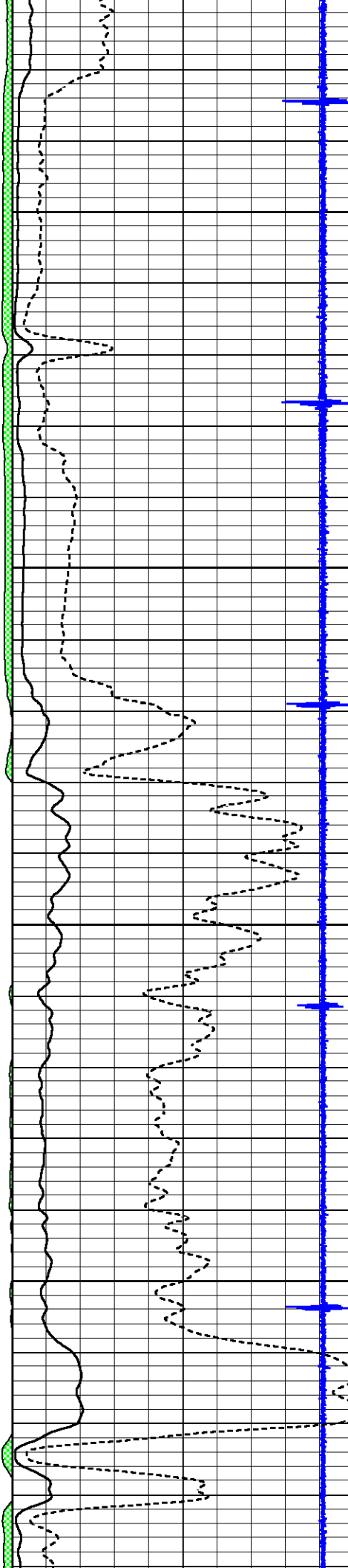


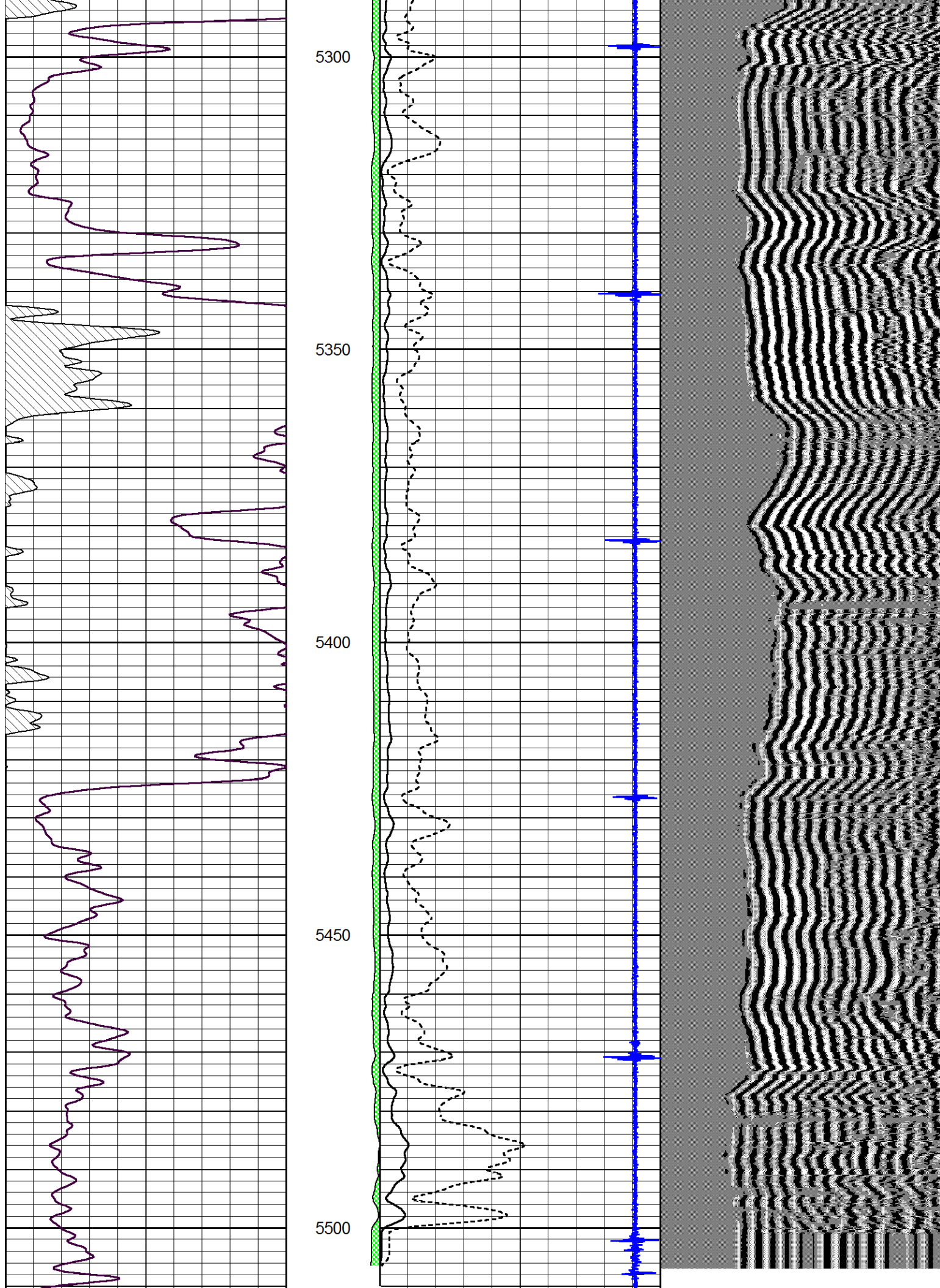
5100

5150

5200

5250





LTD @ 5512																			
0 Gamma Ray (GAPI) 150										amp3ft		3 Casing Collars -0.3		200		wvf5ft		1200	
										(mV)		0 Amplified Amplitude (mV) 100							
										-100 10		0 Pipe Amplitude (mV) 20							



Repeat Section

Database File chieftain_rathterber#3.db
 Dataset Pathname grcbl/pass3
 Presentation Format cbldr
 Dataset Creation Mon May 19 12:51:29 2014
 Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	amp3ft	3	Casing Collars	-0.3	200	wvf5ft	1200	
			(mV)	0	Amplified Amplitude (mV)	100				
			-100	10	0	Pipe Amplitude (mV)				20

