



**Sonic Cement
Bond Log**

15-007-24224-00-00

API No.

Company Chieftain Oil Company, Inc.
Well Douglas-Kent #5-18
Field Rhodes South
County Barber
State Kansas

Location
 NW - SE - SE - Se
 340' FSL & 340' FEL
 Sec: 18 Twp: 34S Rge: 11W

Permanent Datum Ground Level Elevation 1396
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Other Services
 Mast Trailer
 Elevation
 K.B. 1404
 D.F. 1403
 G.L. 1396

Run Number	One
Date Survey	10/16/2014
Date Cementing	9/30/2014
Type Cementing Operation	Primary
Depth Driller	5229
Depth Logger	5204
Logged Interval	5203 to 3750
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	3896
Calculated Cement Top	////
Max. Hole Temperature	DIG02
Tool No.	3-5
Spacing Recorded	02
Equipment -- Location	N. Schneider
Recorded By	Ryan Moiz
Witnessed By	

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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

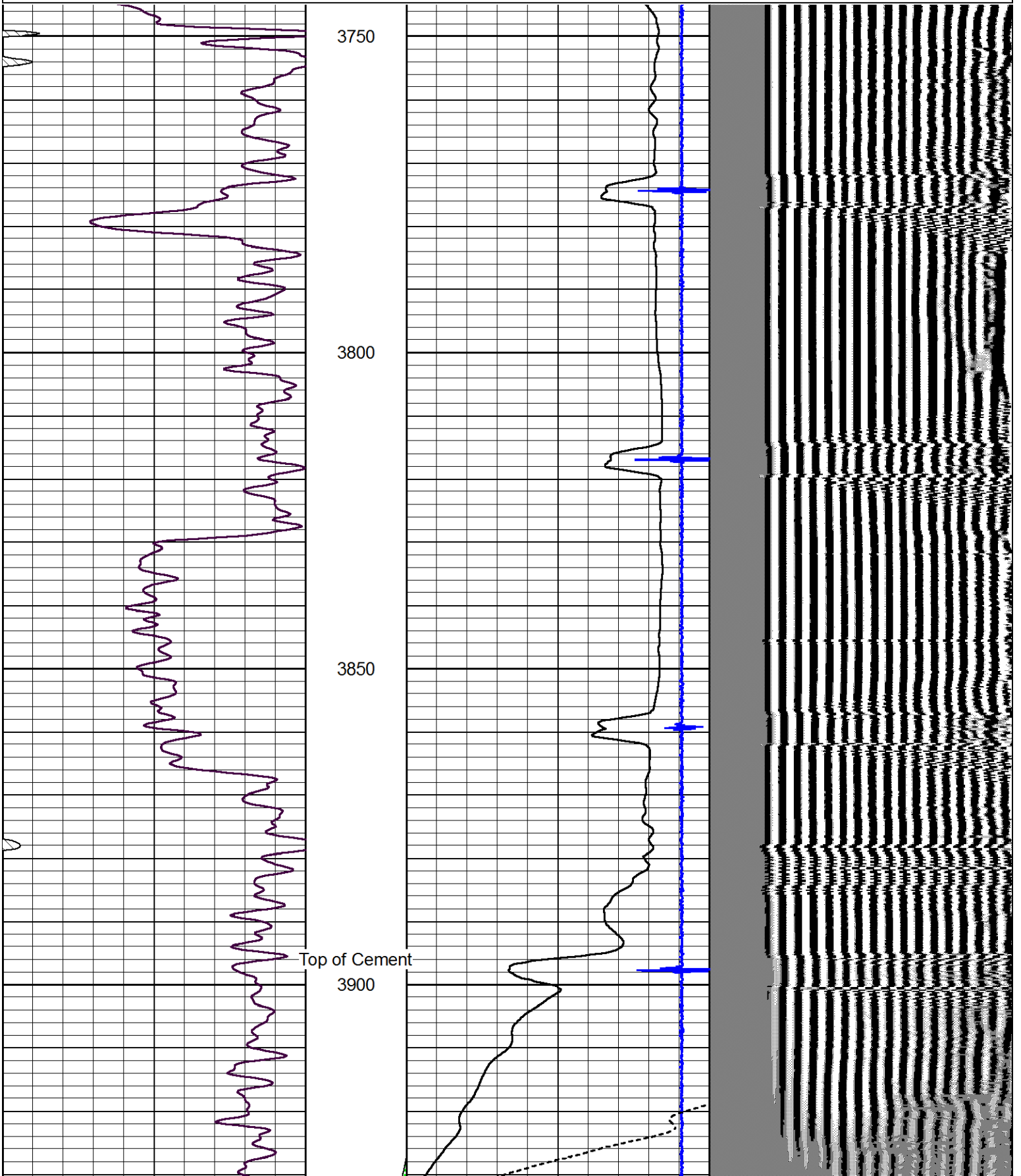
Thank you for using Excel Wireline (620) 388-5676
 Medicine Lodge
 S to Scott Canyon Rd
 1/4 S
 1 1/2 E into

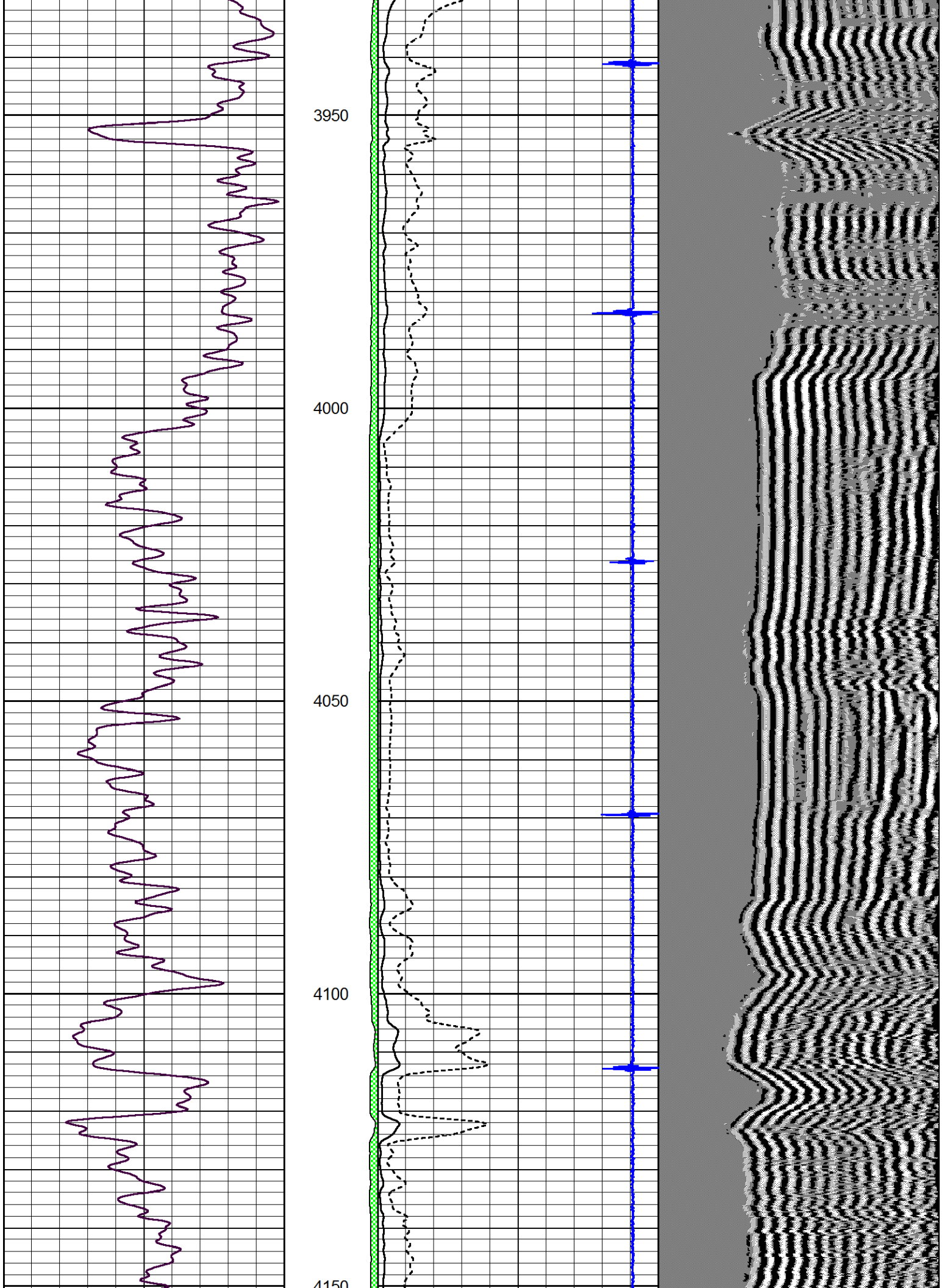


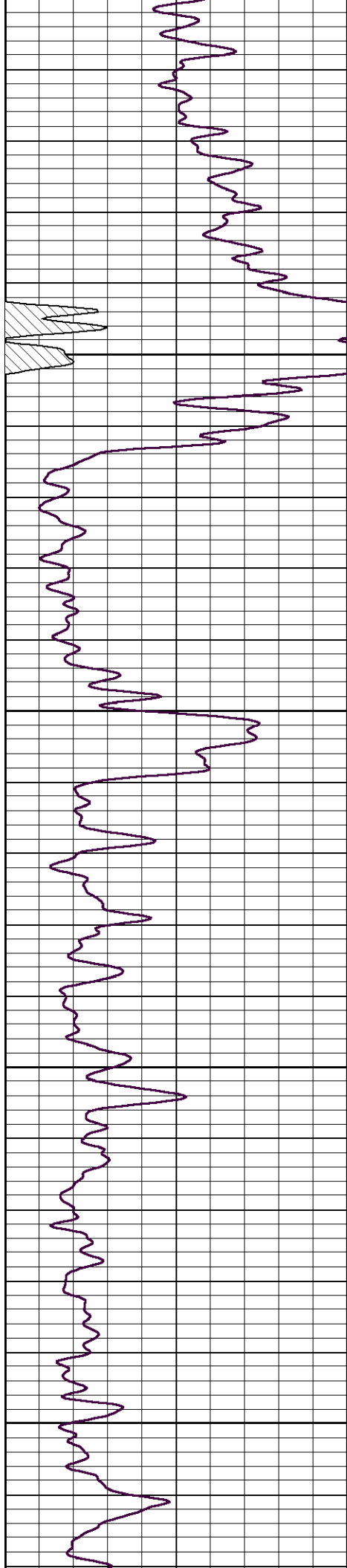
Main Pass

Database File chieftain_douglas_kent_5_18.db
 Dataset Pathname grcbl/pass4
 Presentation Format cldr
 Dataset Creation Thu Oct 16 10:38:45 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			







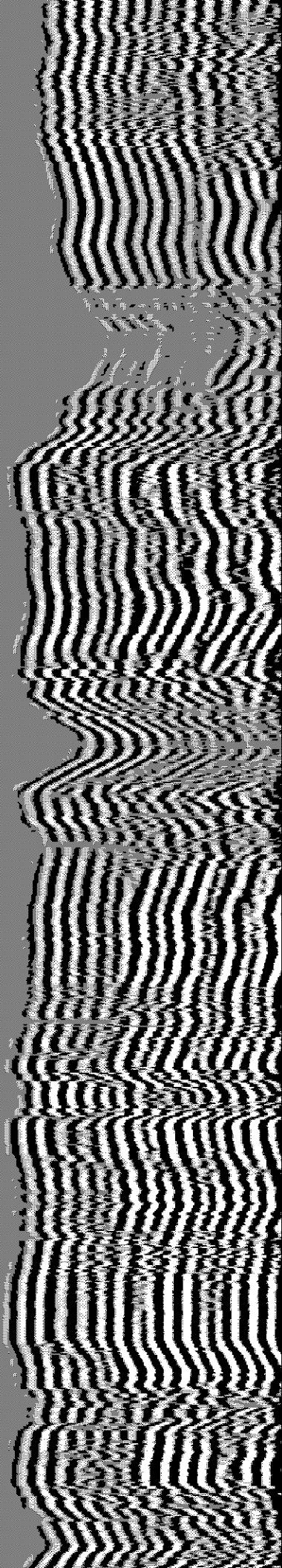
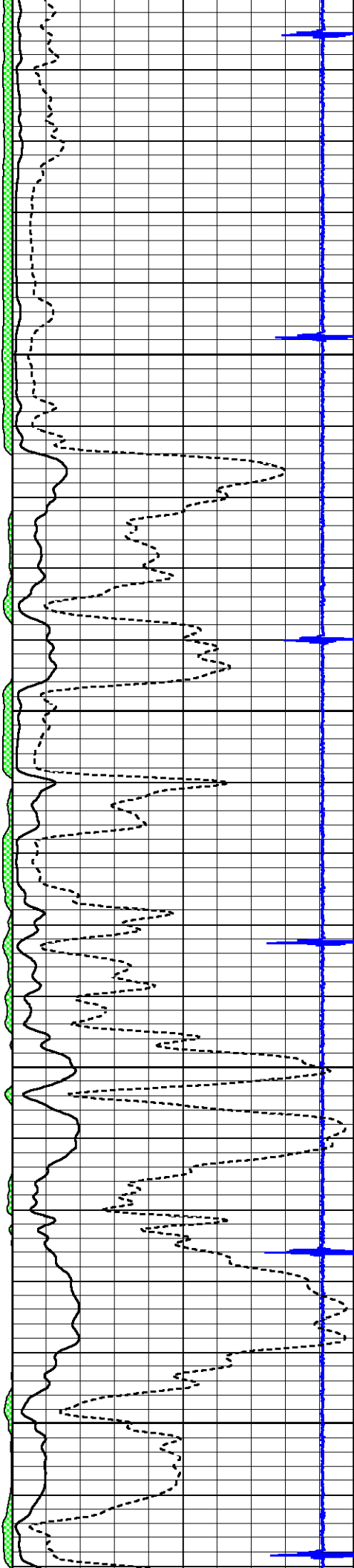
4150

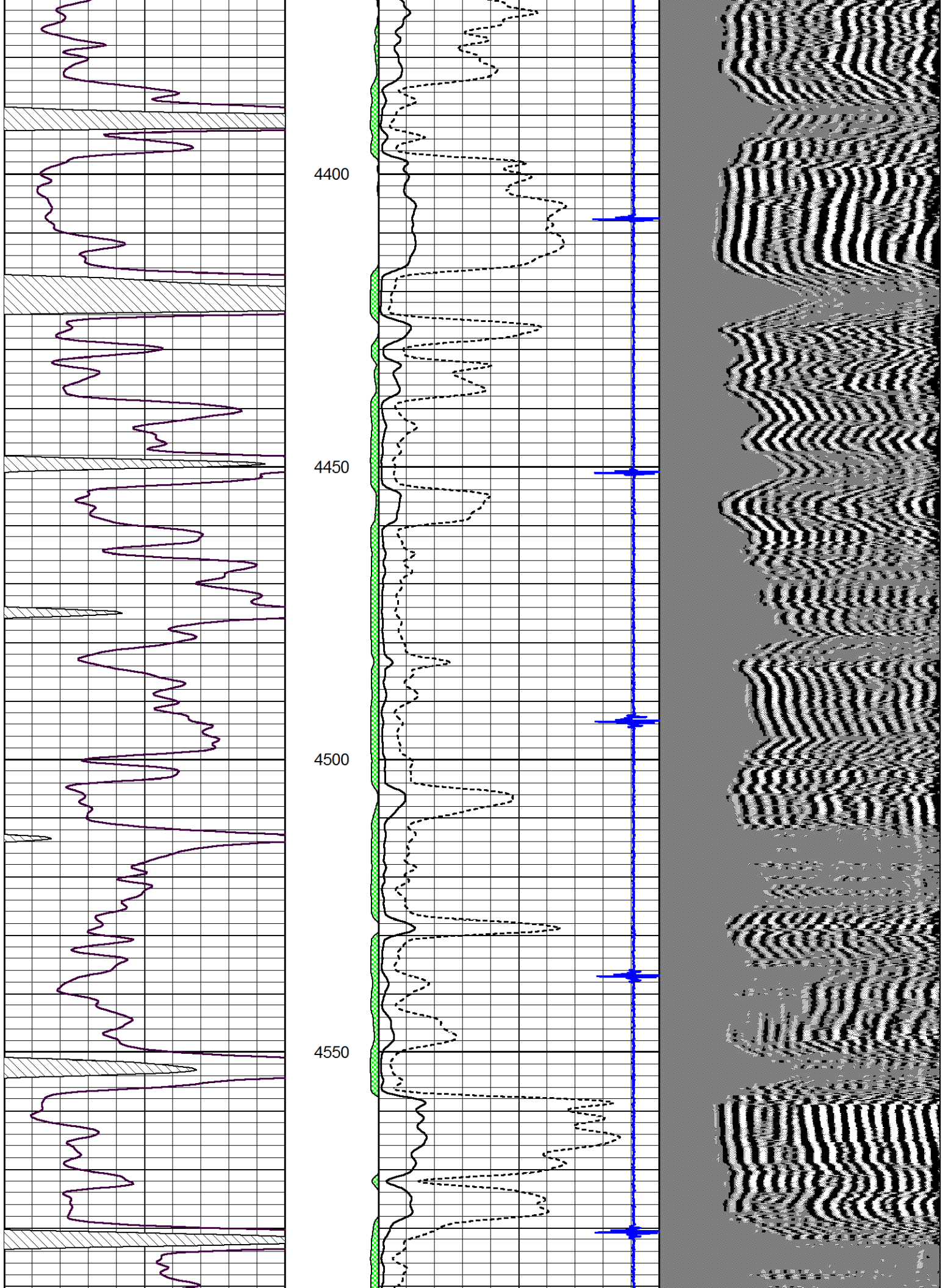
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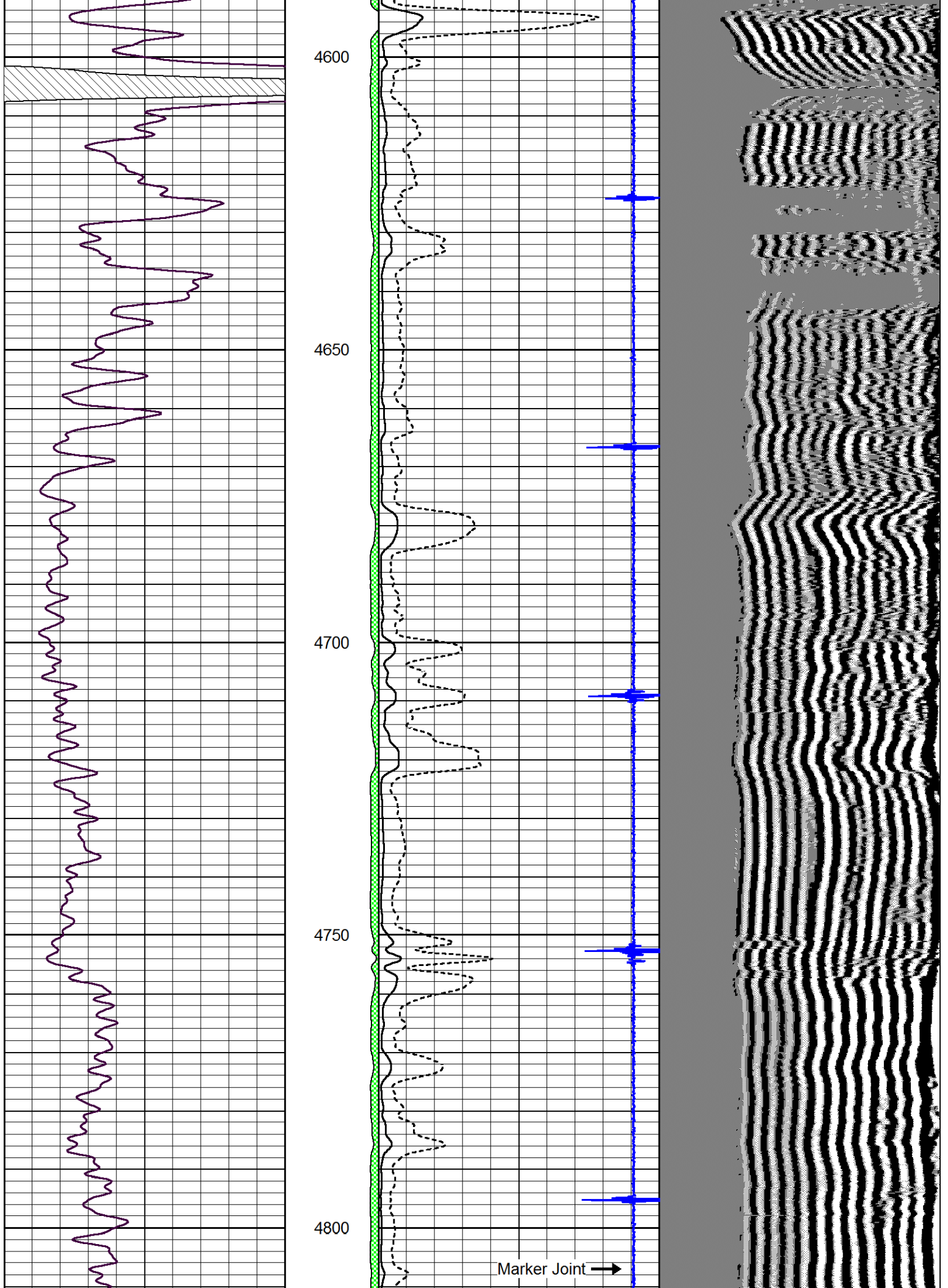
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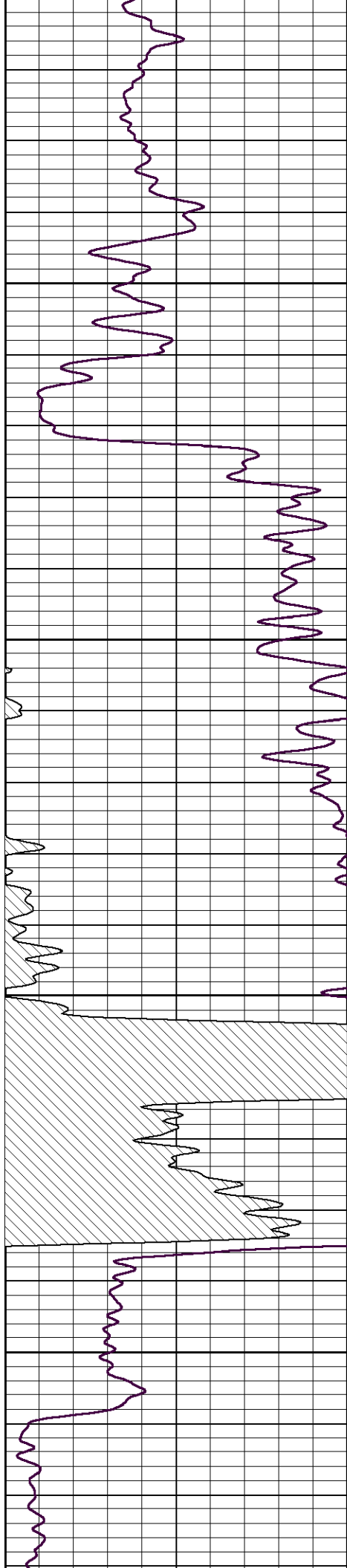
4300

4350







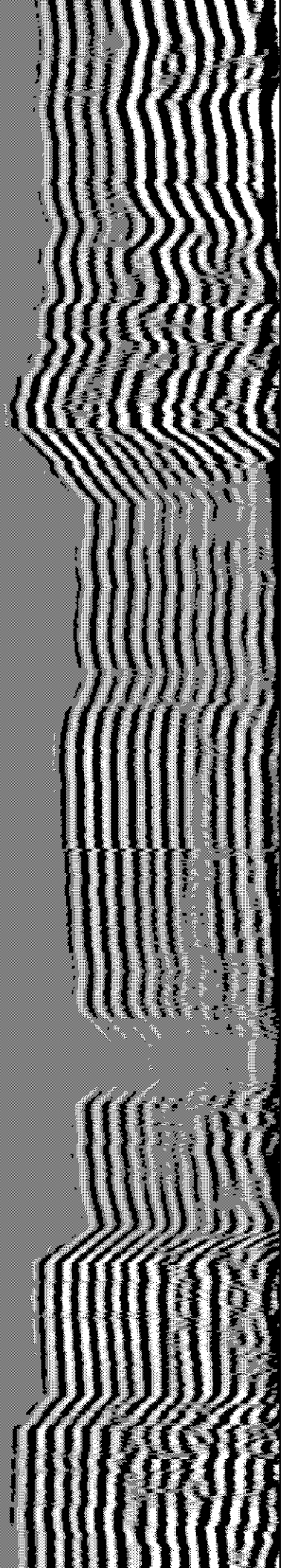
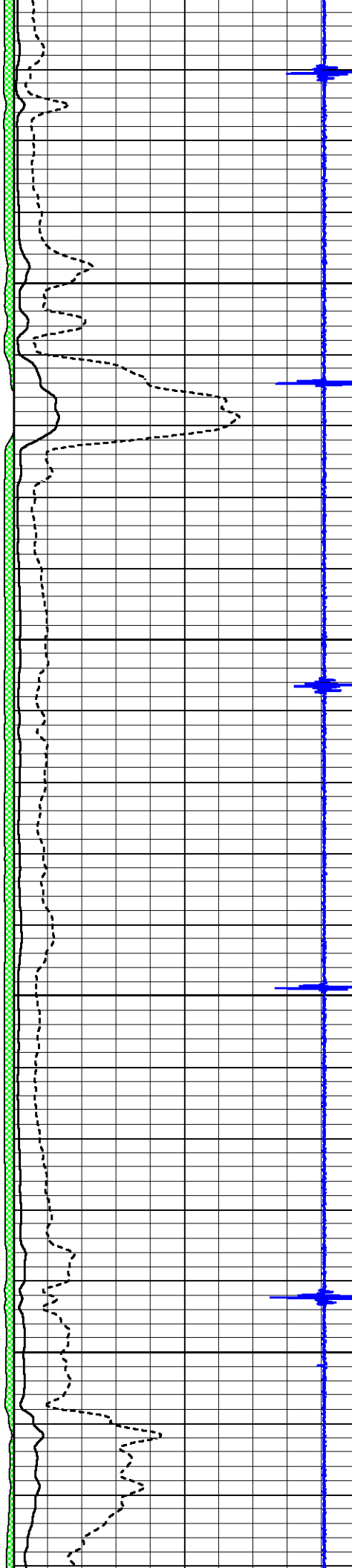


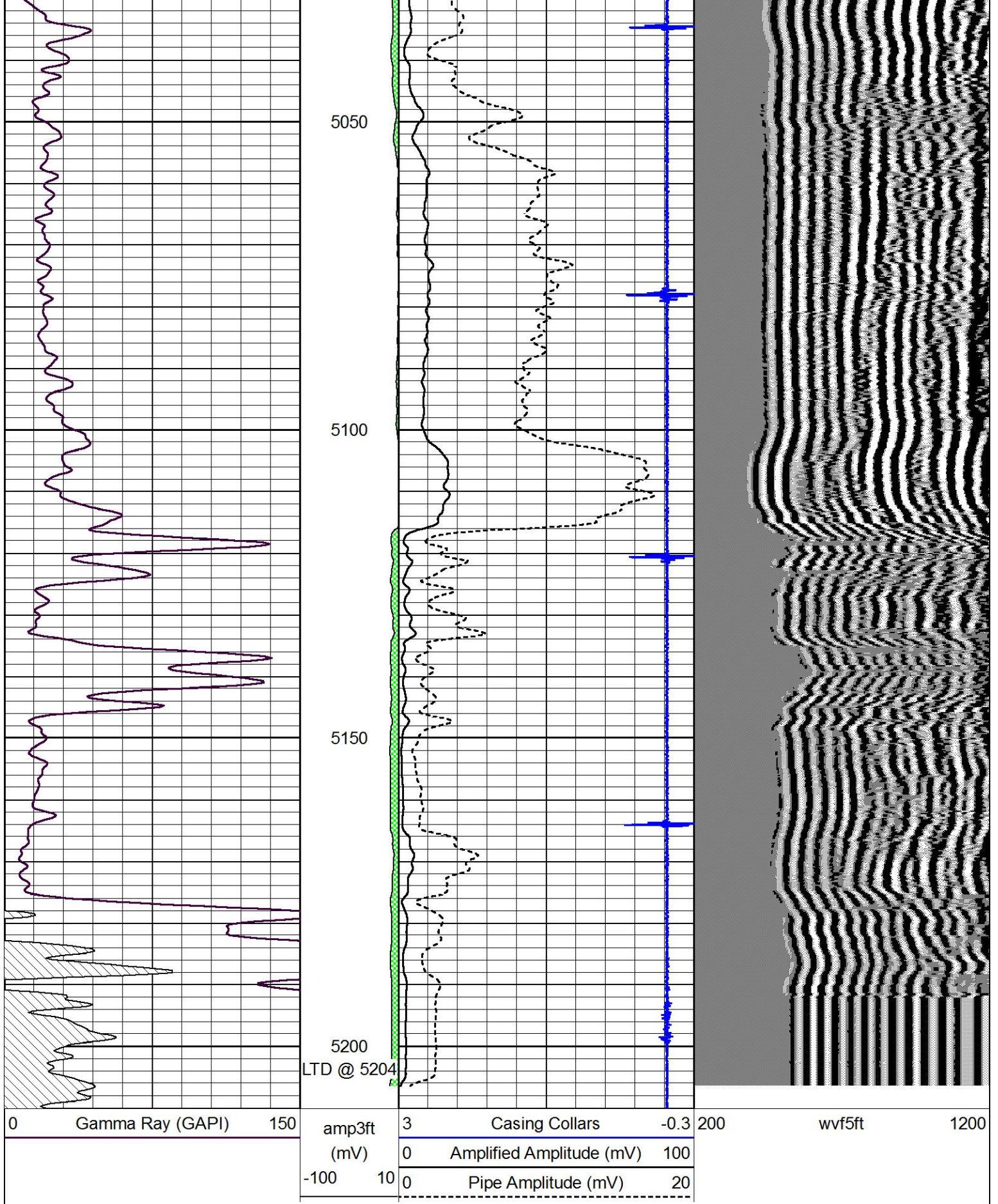
4850

4900

4950

5000

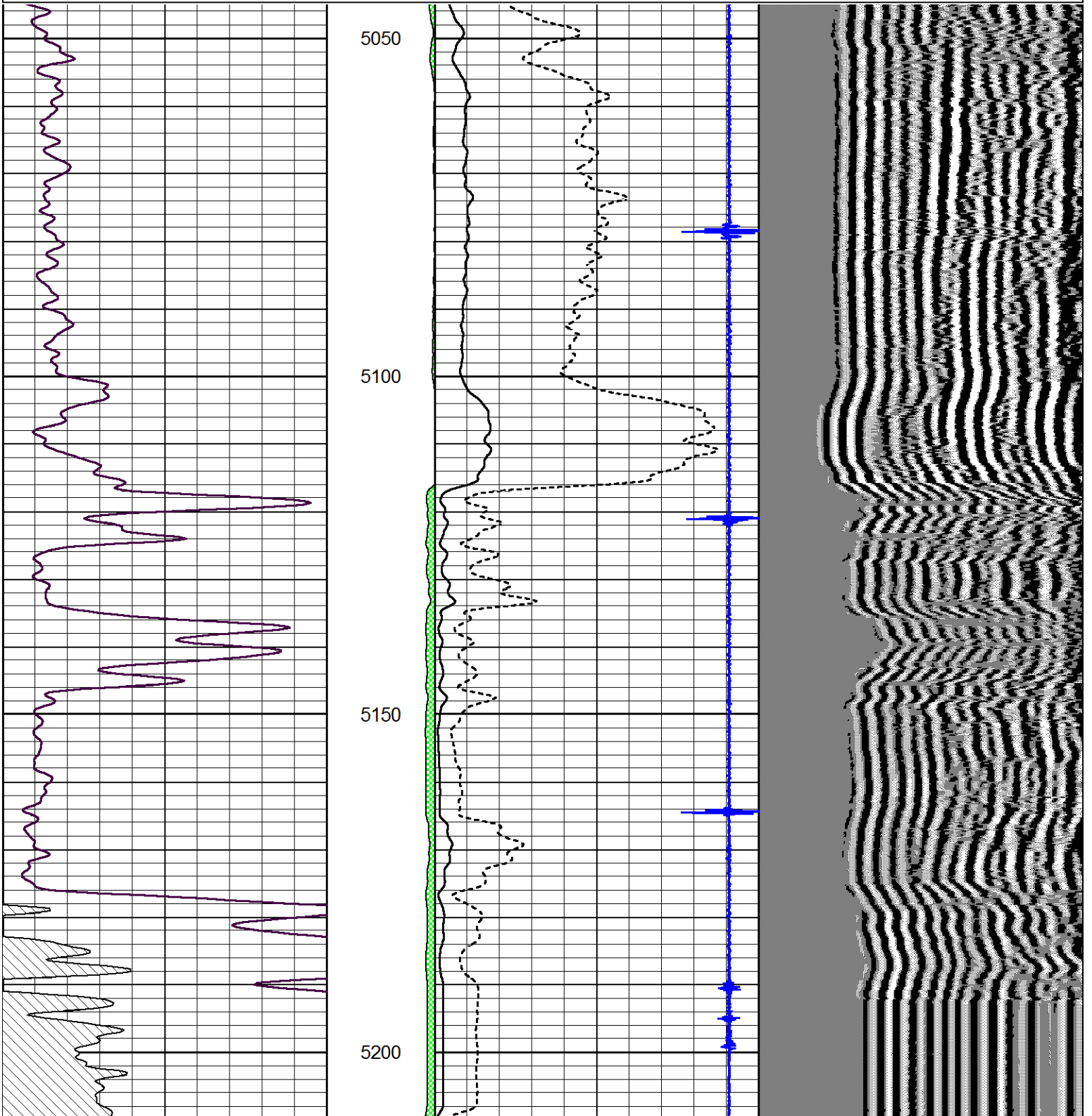




Repeat Section

Database File chieftain_douglas_kent_5_18.db
 Dataset Pathname grcbl/pass3
 Presentation Format cbldr
 Dataset Creation Thu Oct 16 10:33:11 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	Pipe Amplitude (mV)	20			



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