PIONEER

Pioneer Energy Services

Sector Bond / Gamma Ray CCL Log

API No.

15-171-20936-00-00

Company Landmark Resources, Inc.

Well Decker # 1-9

Field Wildcat

County Scott State Kansas

Location

569' FSL & 664' FEL

Sec: 9 Twp: 17S Rge: 34W

Other Services

Perforate

Elevation

K.B. 3134
D.F.
G.L. 3123

Permanent Datum Ground Level Elevation 3123
Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Run Number	One	
Date Survey	04/16/2013	
Date Cementing	04/02/2013	
Type Cementing Operation	Primary	
Depth Driller	4970	
Depth Logger	4915	
Logged Interval	4913 to 3200	to
Casing Driller	5.5 @ T.D.	@
Float Collar -- D.V. Tool	//// 2409	
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	3430	
Calculated Cement Top	////	
Max. Hole Temperature	128	
Tool No.	R-1	
Spacing Recorded	3'-5'	
Equipment -- Location	72 Hays	
Recorded By	David Walker	
Witnessed By	Jason Walker	

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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

Scott City,
8 West to Dakota Rd. 1 North to Rd. 160
1 West to Cherokee Rd. 6 North,
West Into

DV Tool @ 2409

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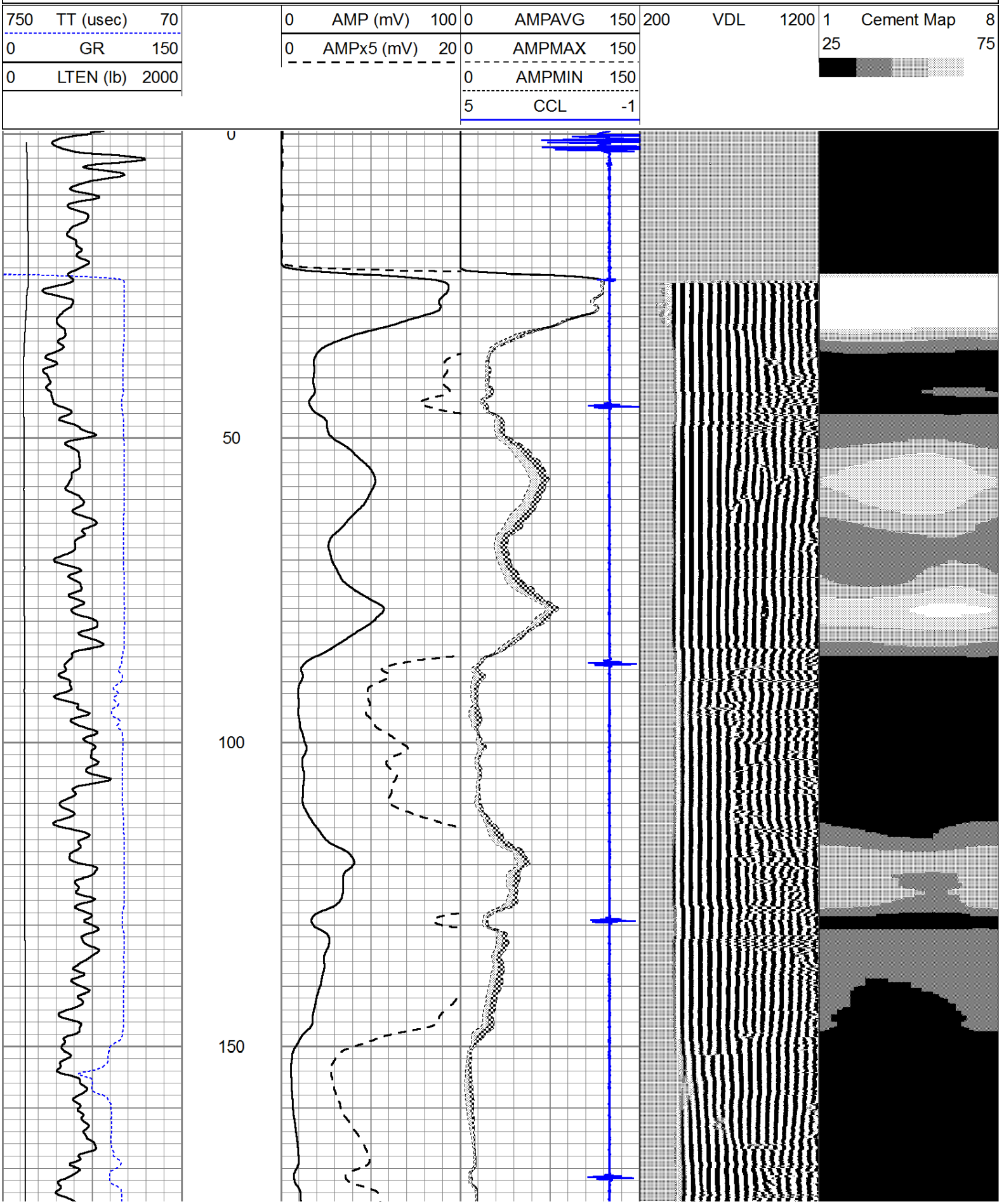
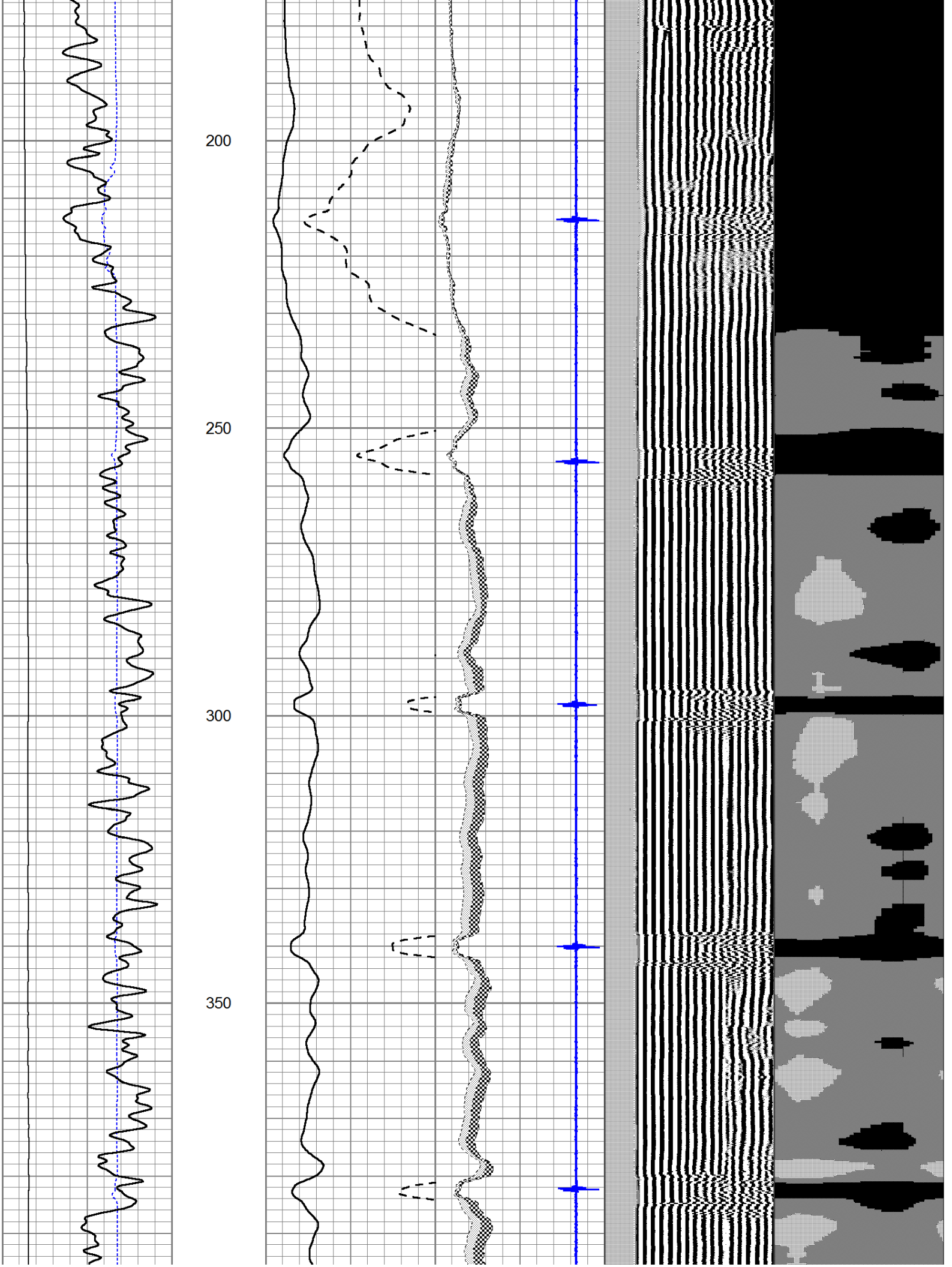
Database File:	landmark_decker_#1-9_scbl.db
Dataset Pathname:	pass4
Presentation Format:	scbl02
Dataset Creation:	Tue Apr 16 10:05:23 2013 by Log SCH 111116
Charted by:	Depth in Feet scaled 1:240

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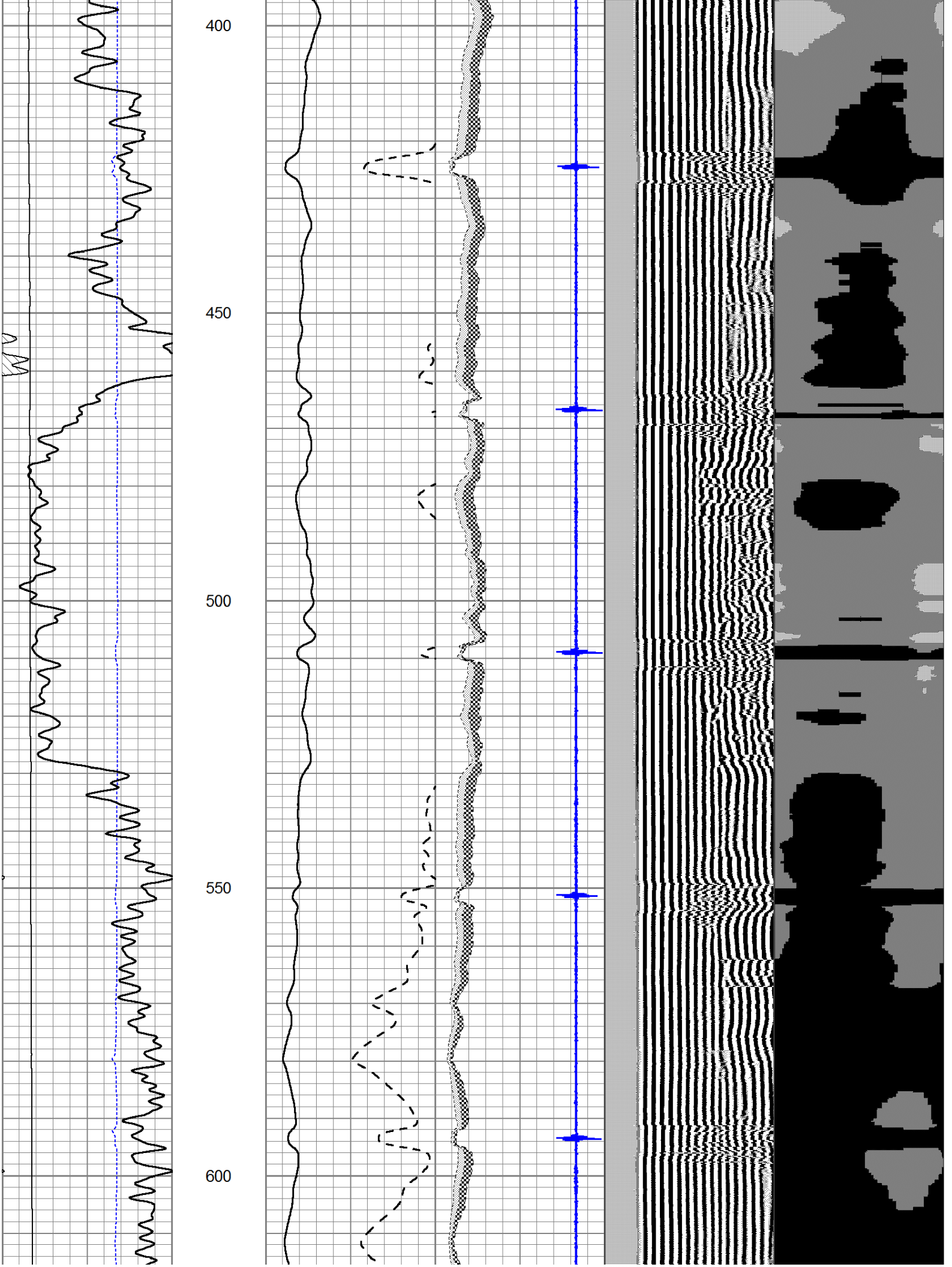
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500
550
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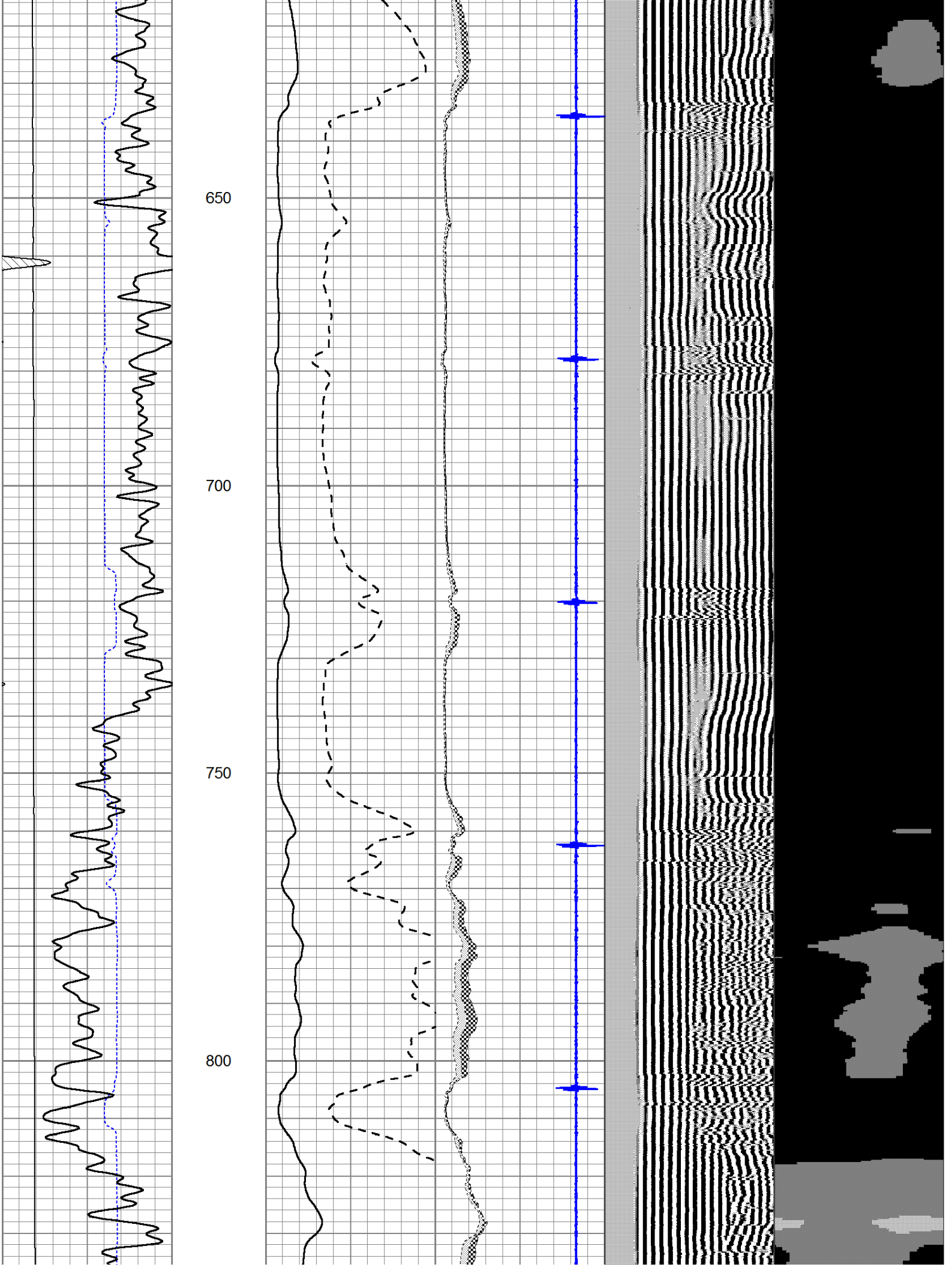
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750
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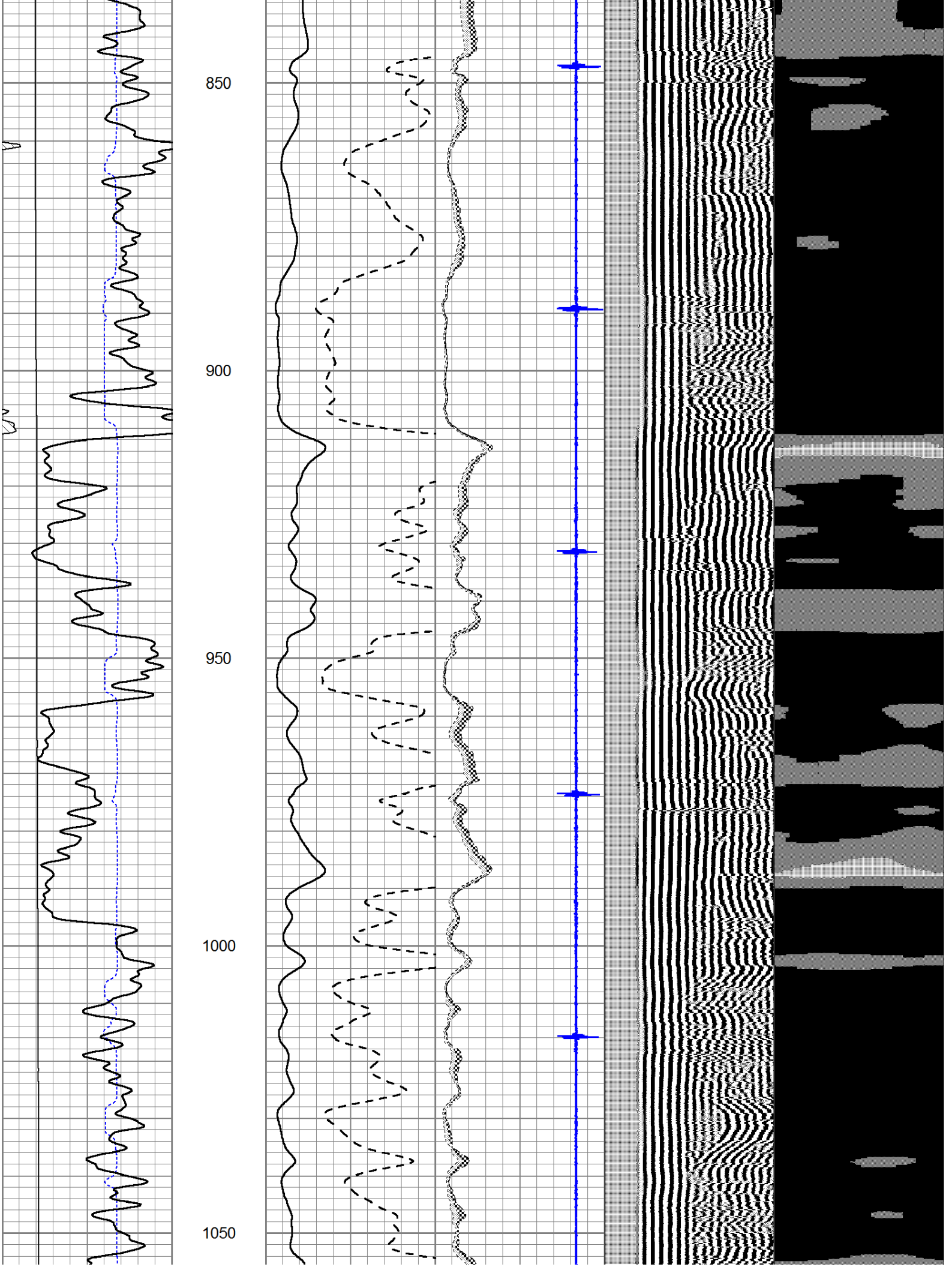
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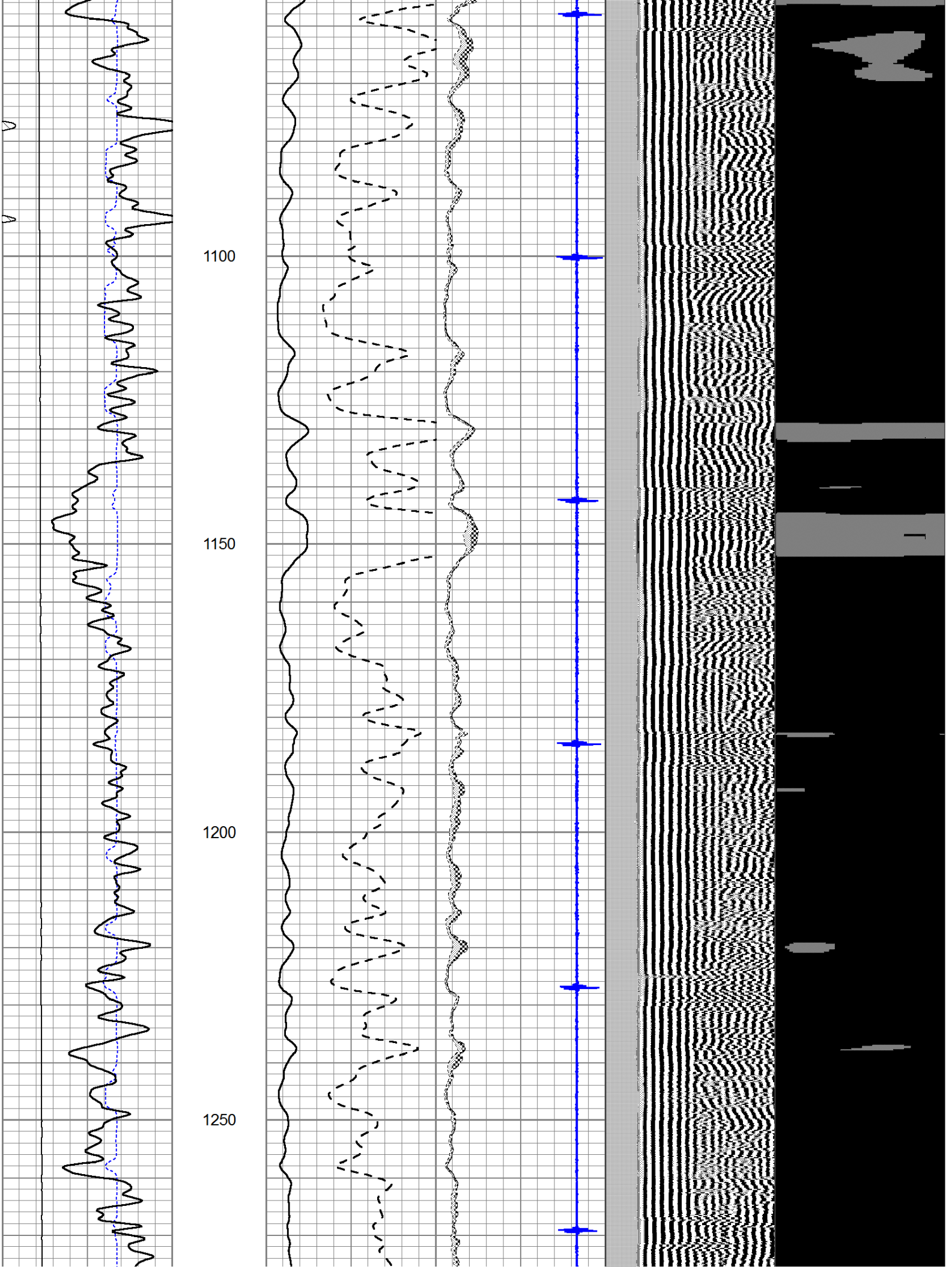
900
950
1000
1050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1200
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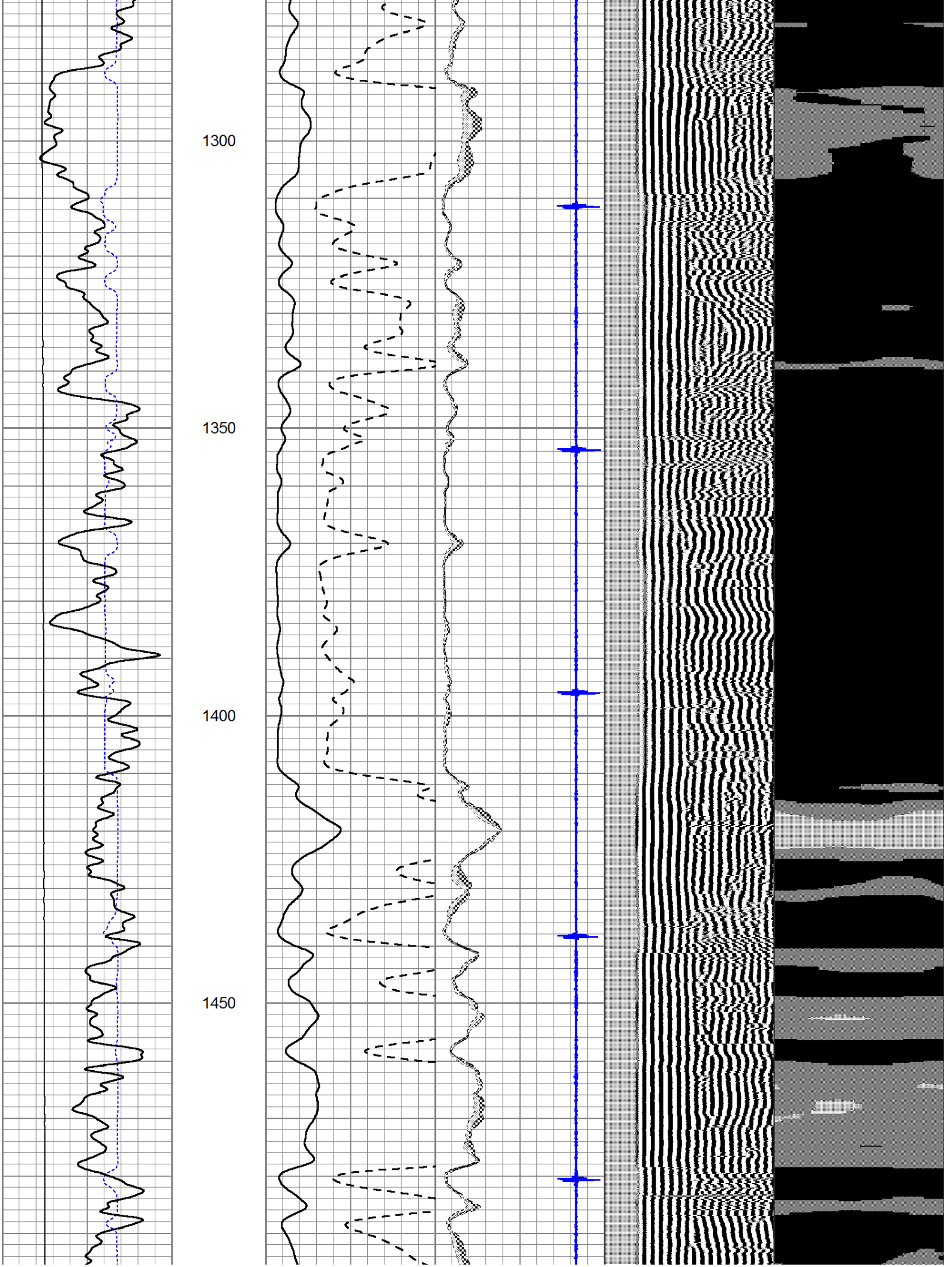
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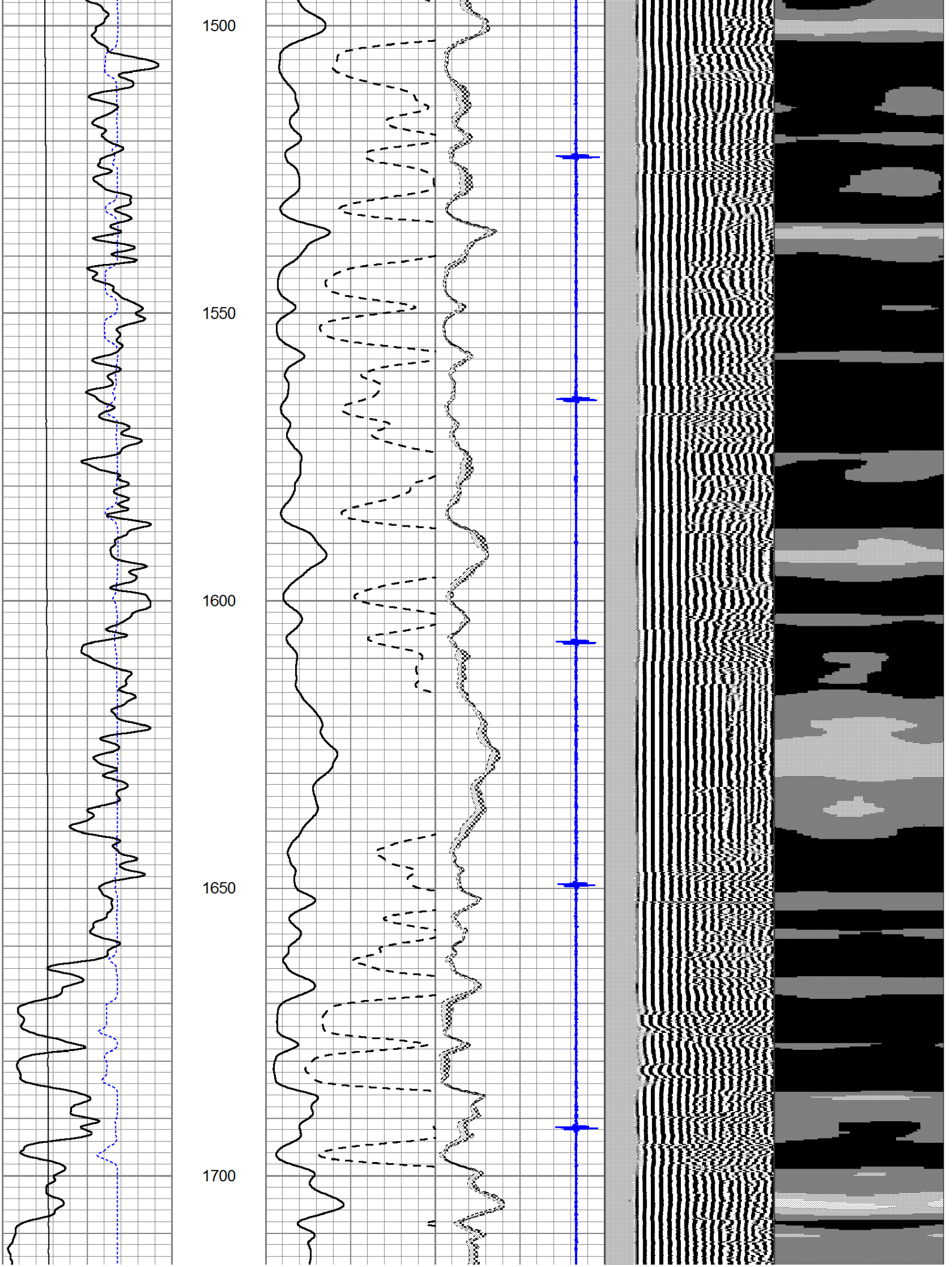
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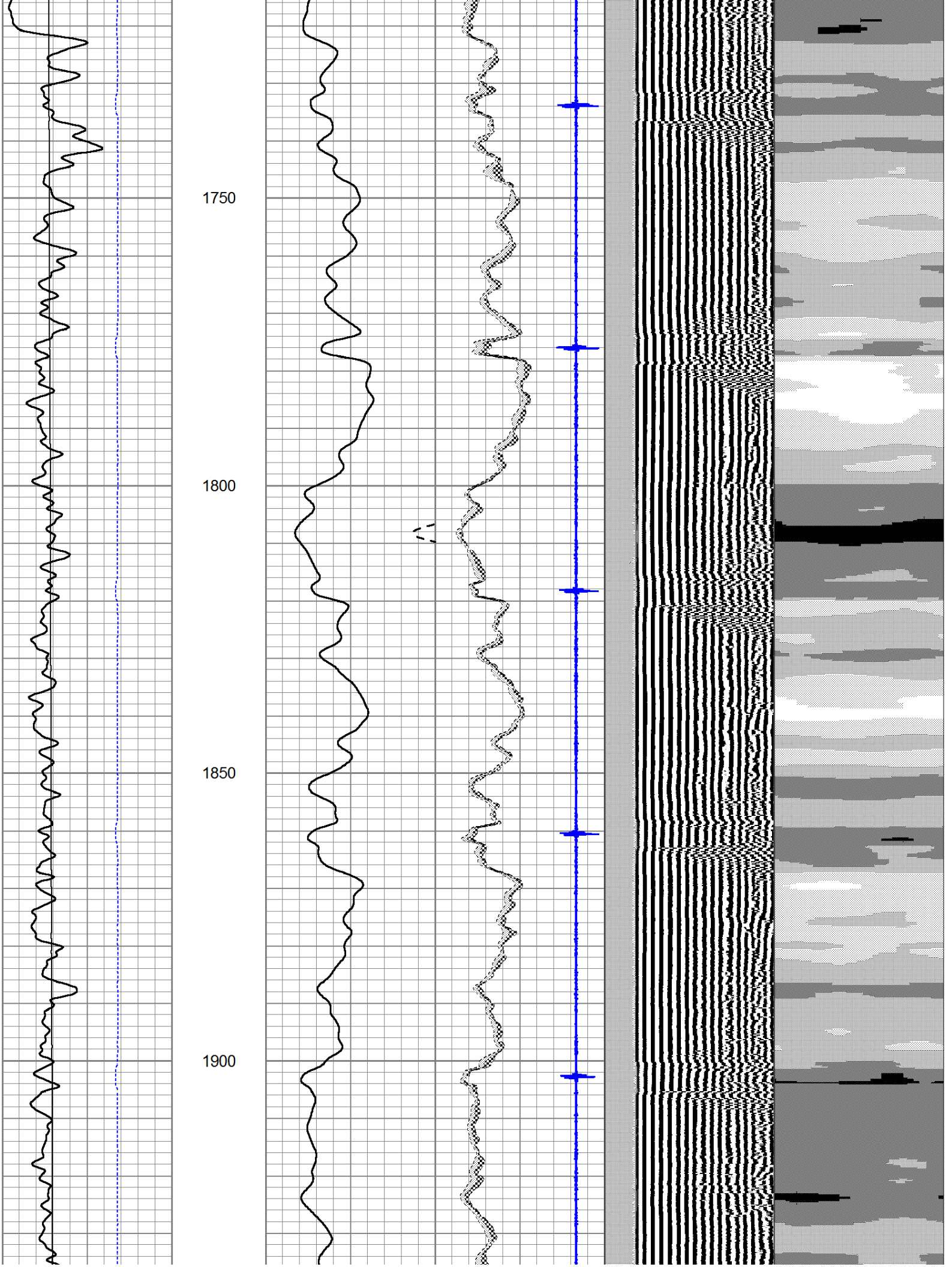
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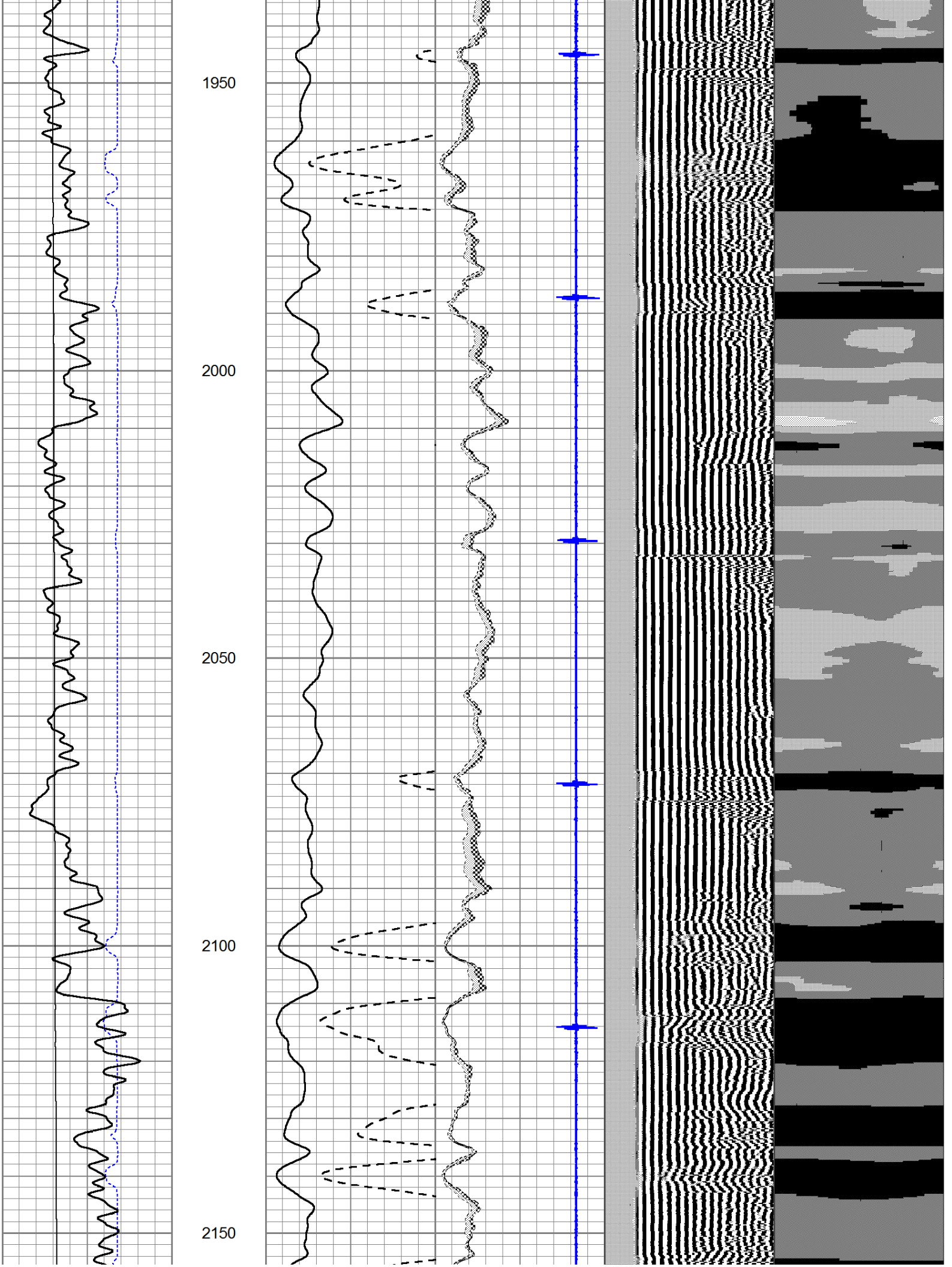
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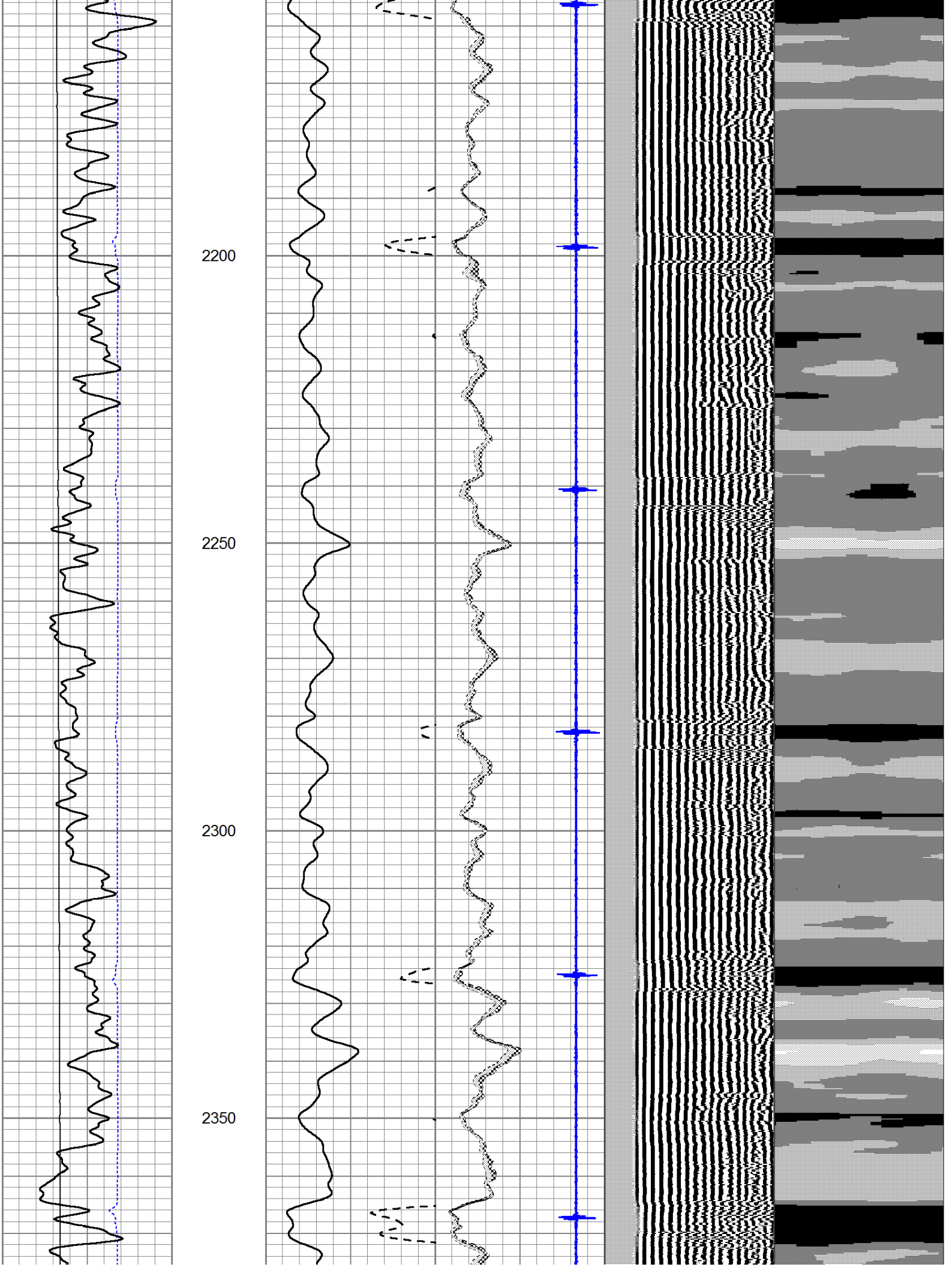
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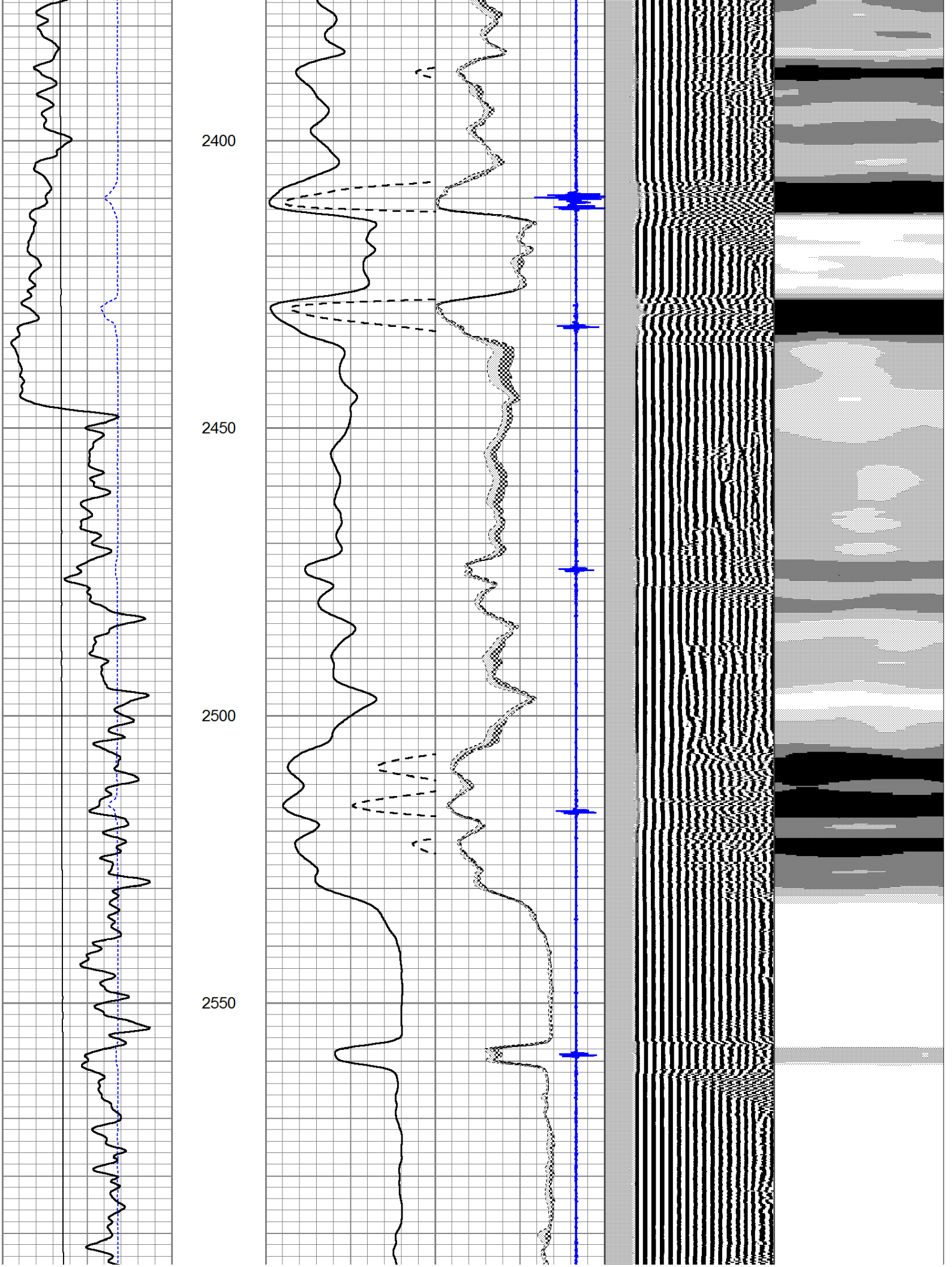
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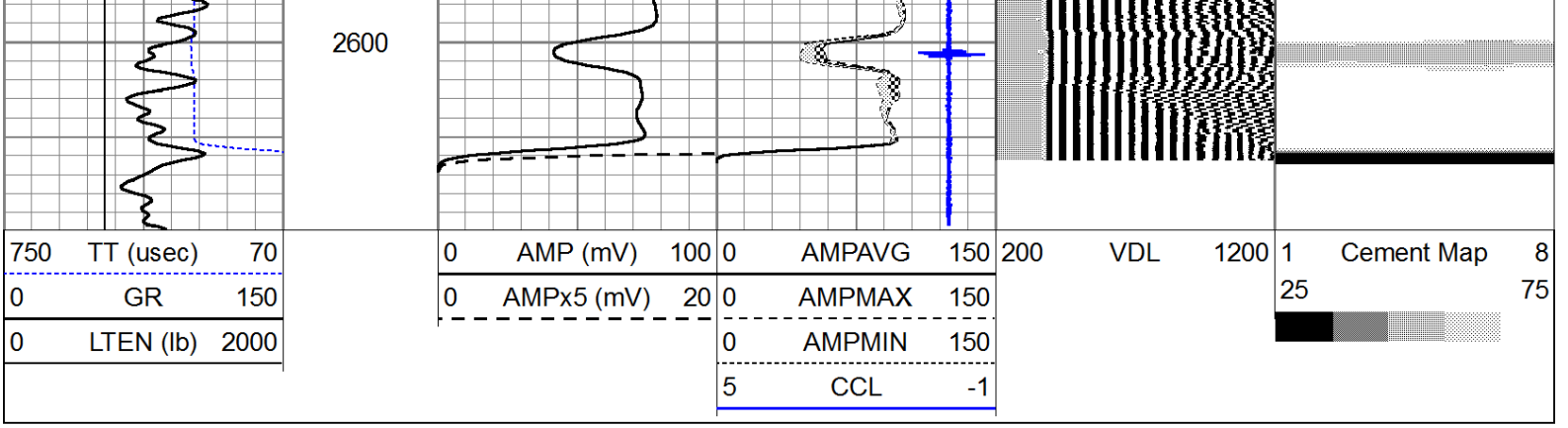

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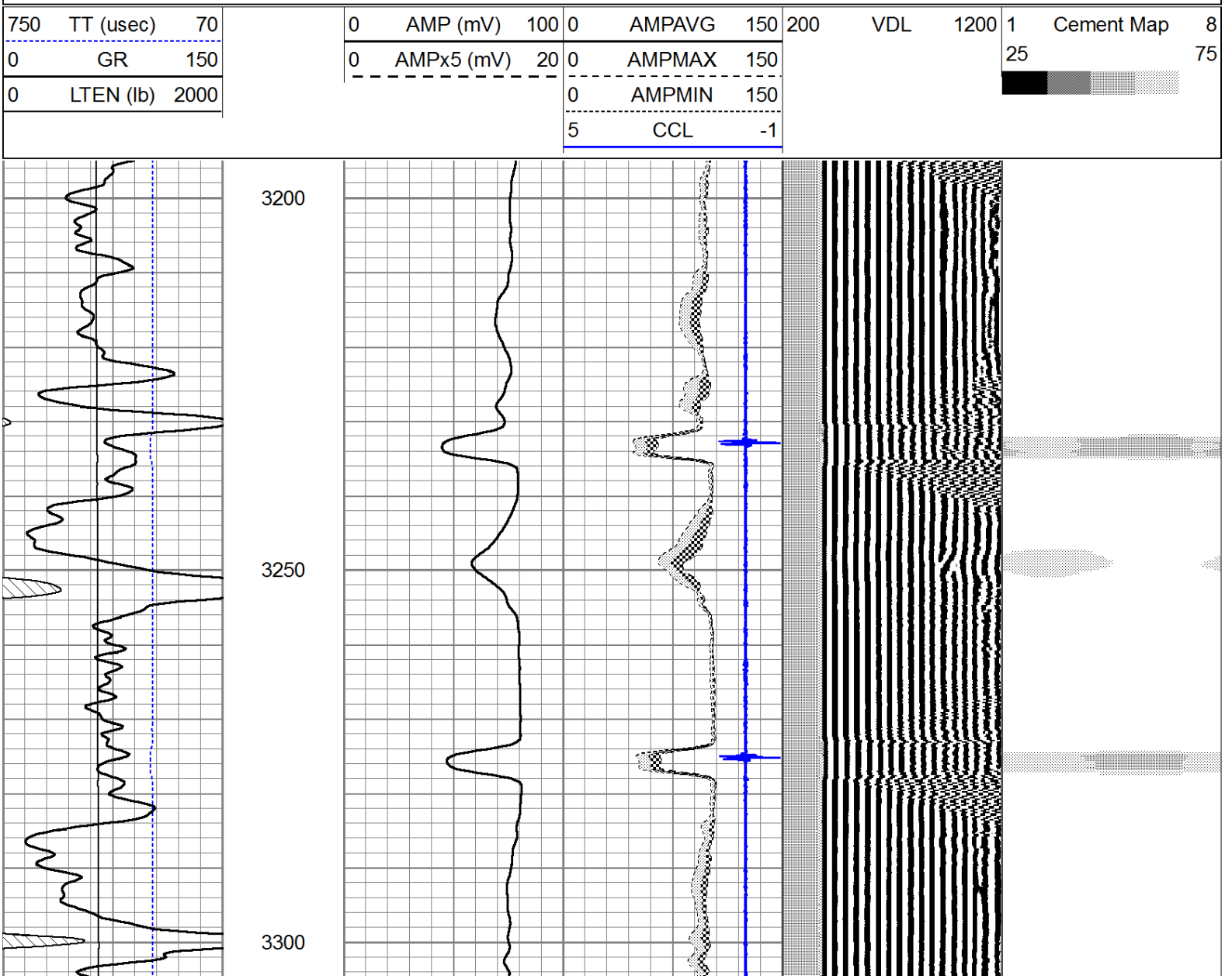
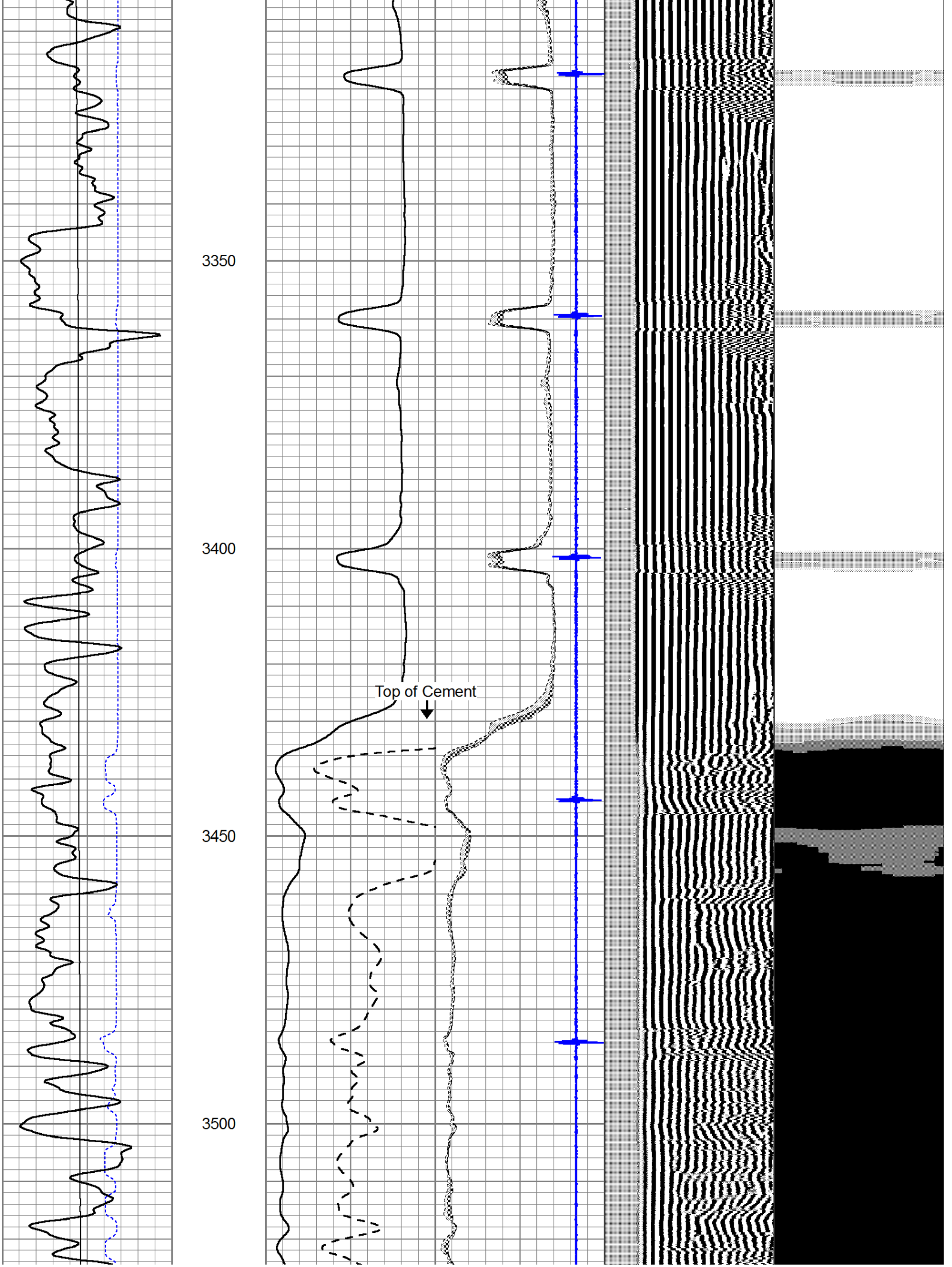
Main Pass

Database File:	landmark_decker_#1-9_scbl.db
Dataset Pathname:	pass3.3
Presentation Format:	scbl02
Dataset Creation:	Tue Apr 16 10:32:02 2013
Charted by:	Depth in Feet scaled 1:240

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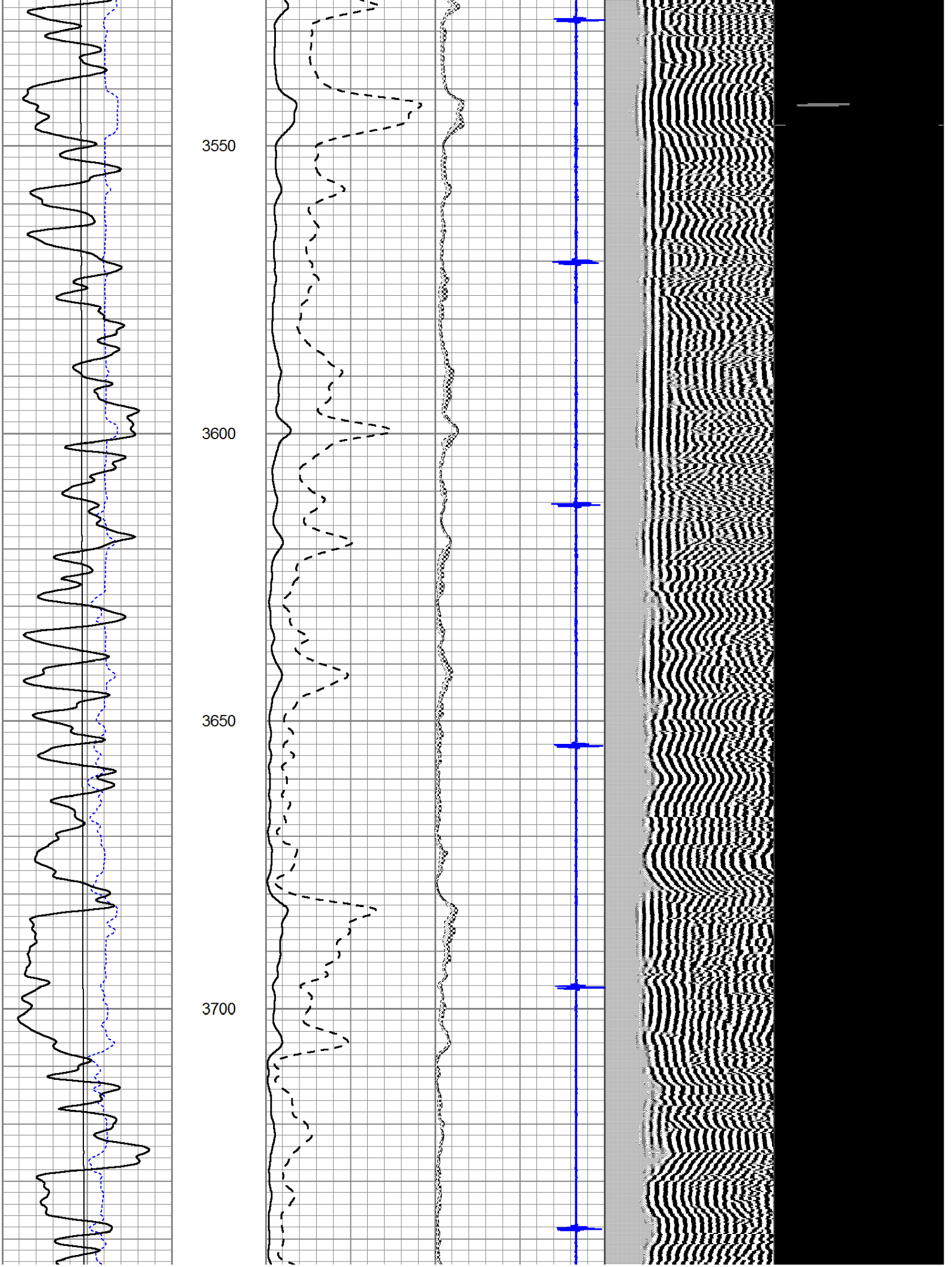
3400
3450
3500
Top of Cement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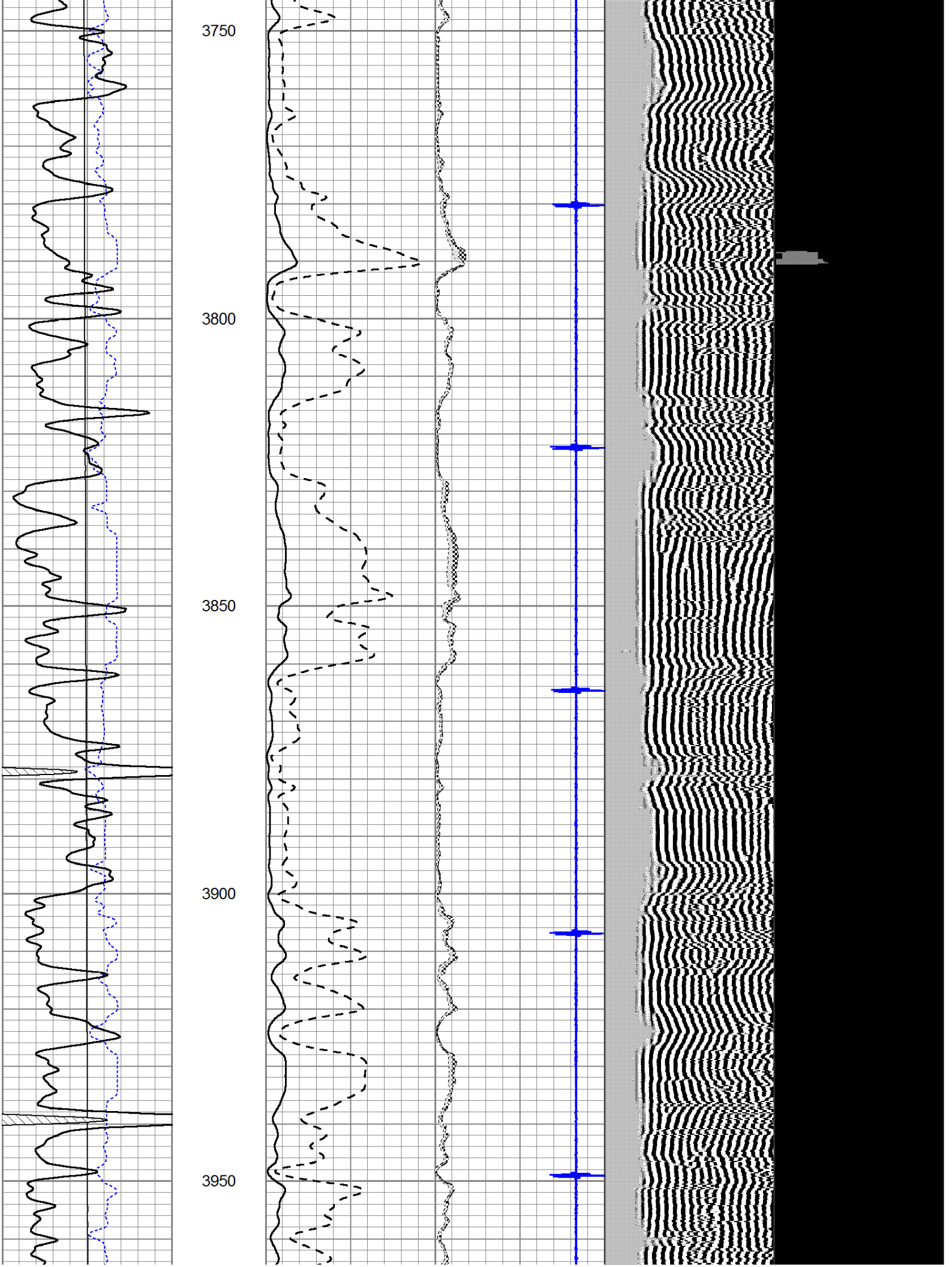
3700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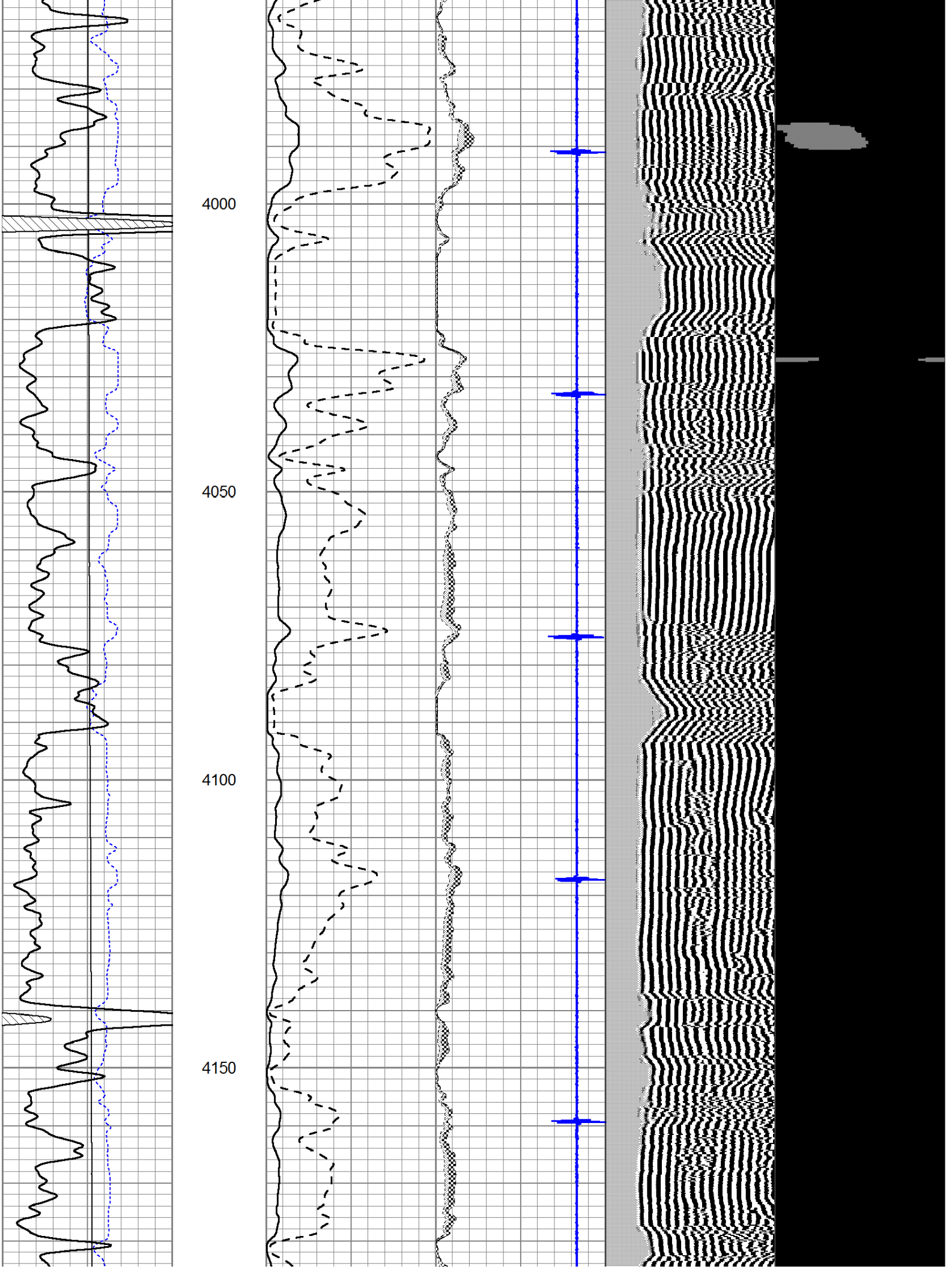
3800
3850
3900
3950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4100
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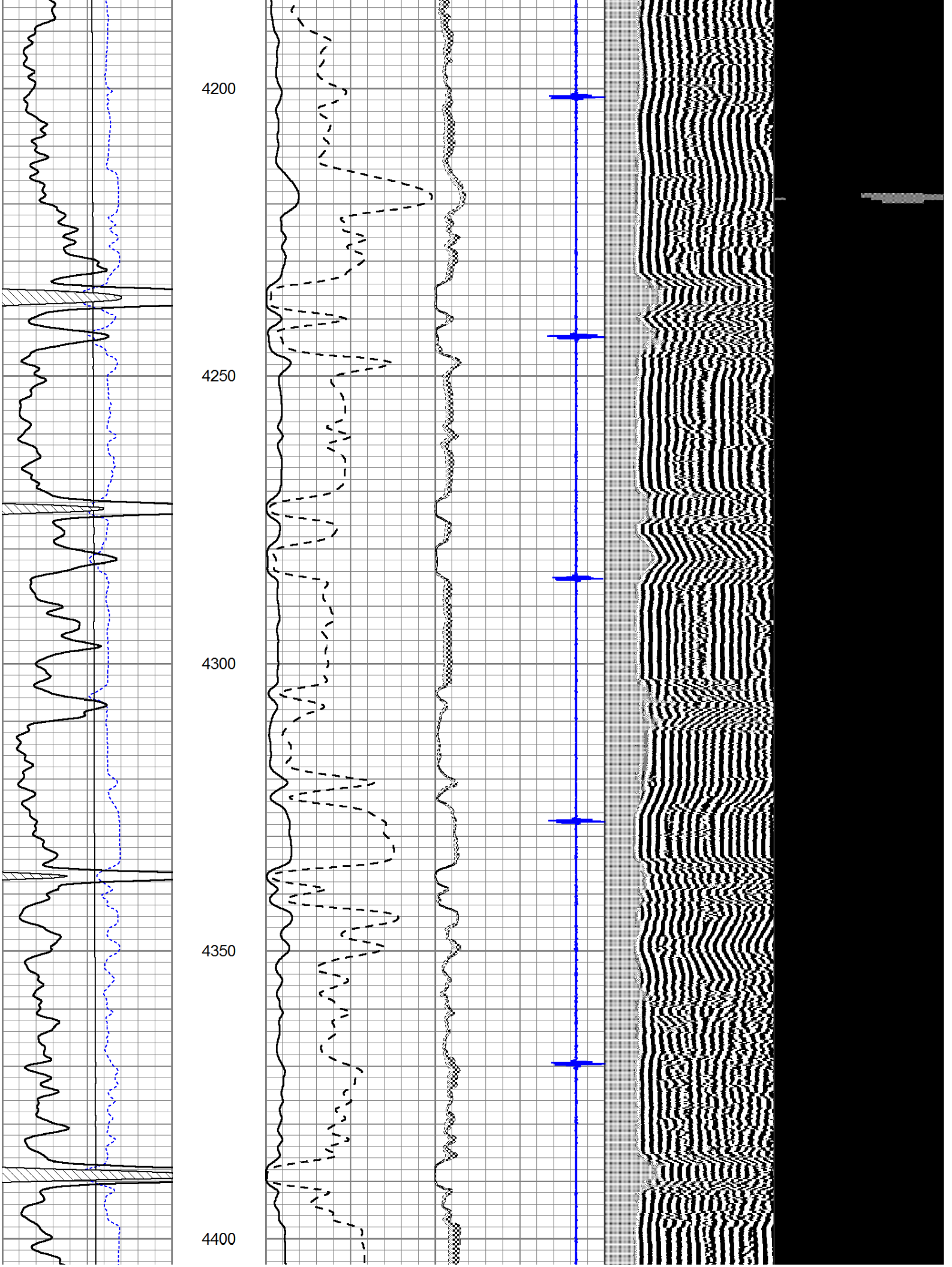
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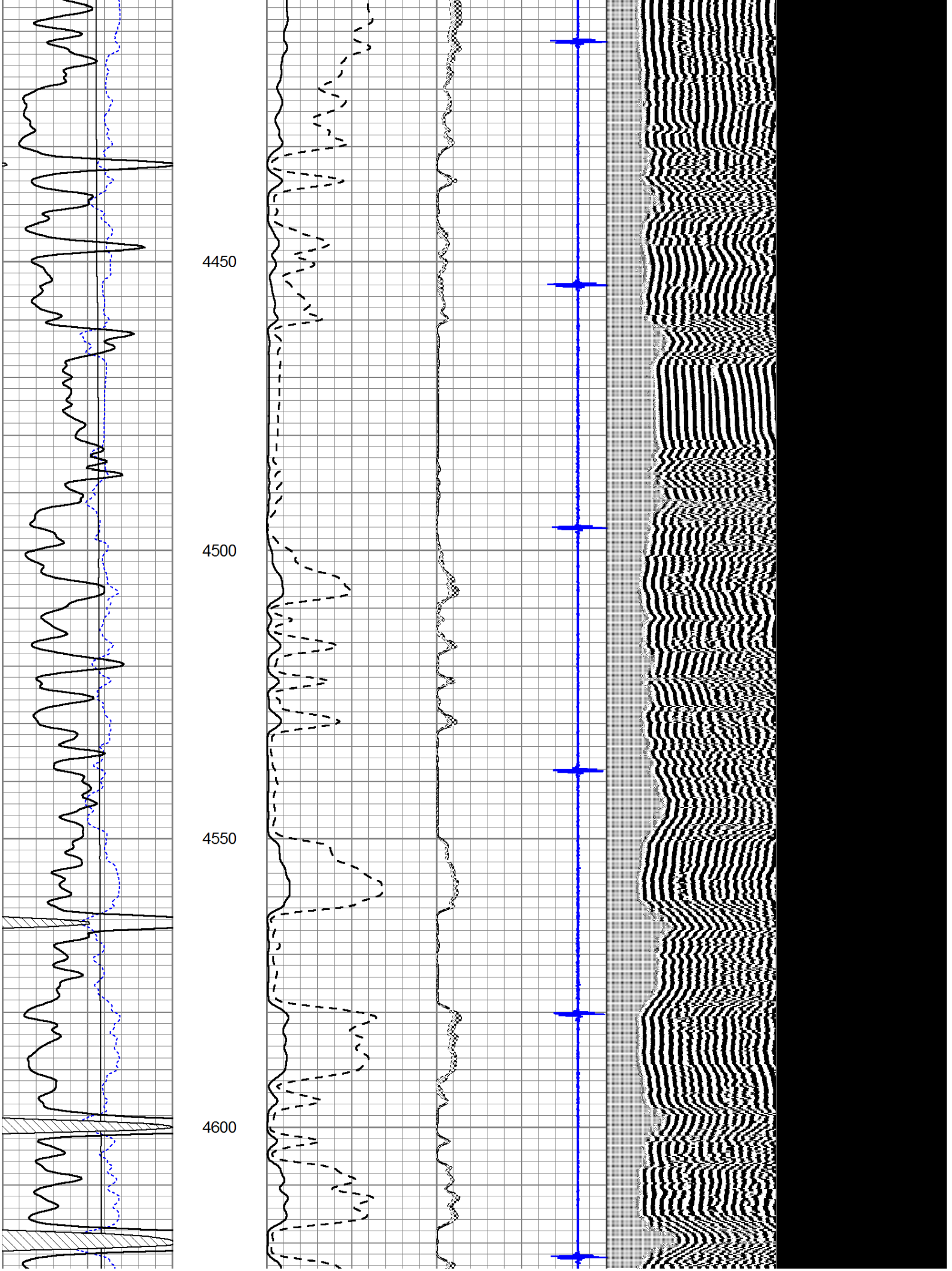
4350
4400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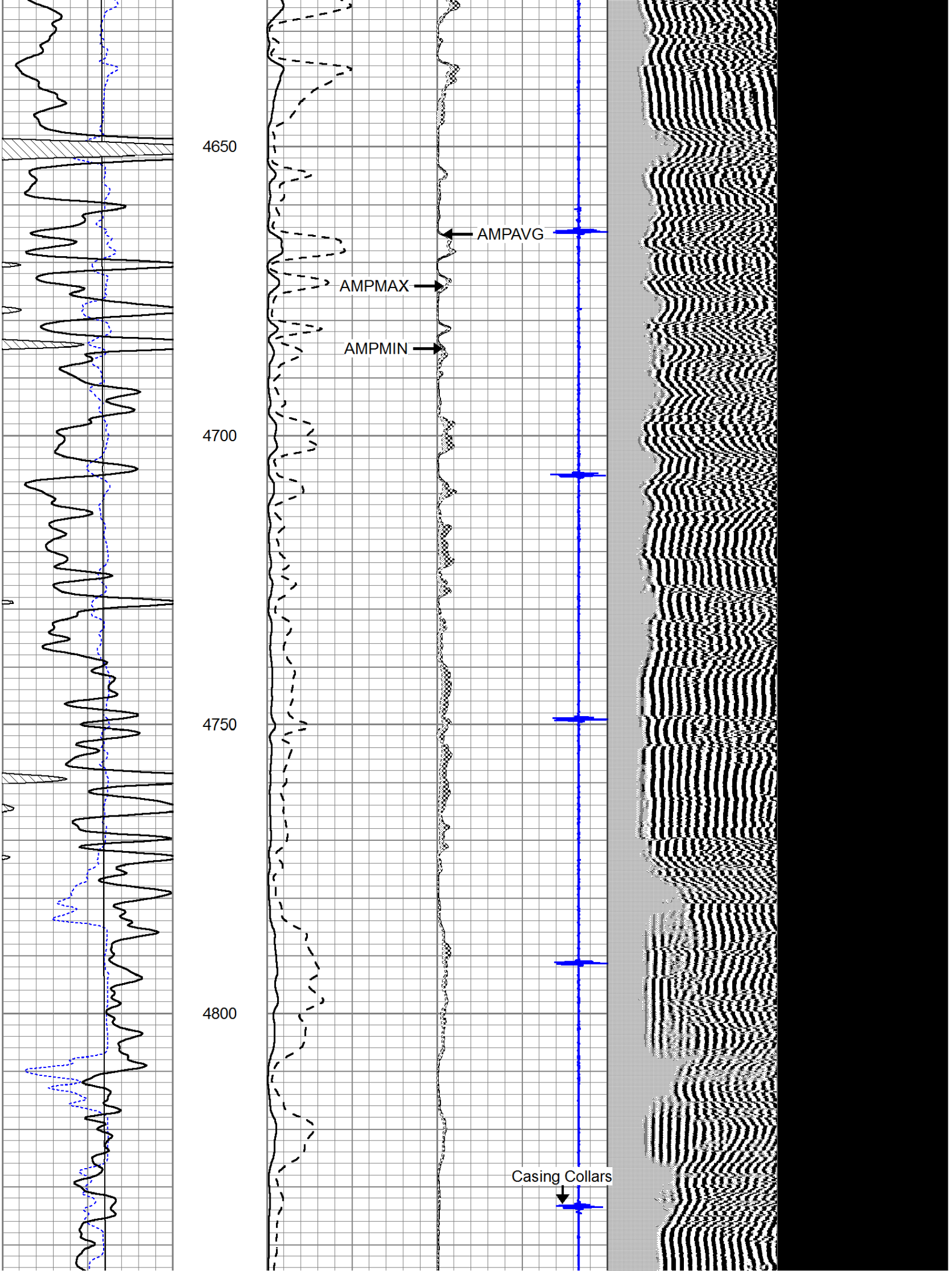
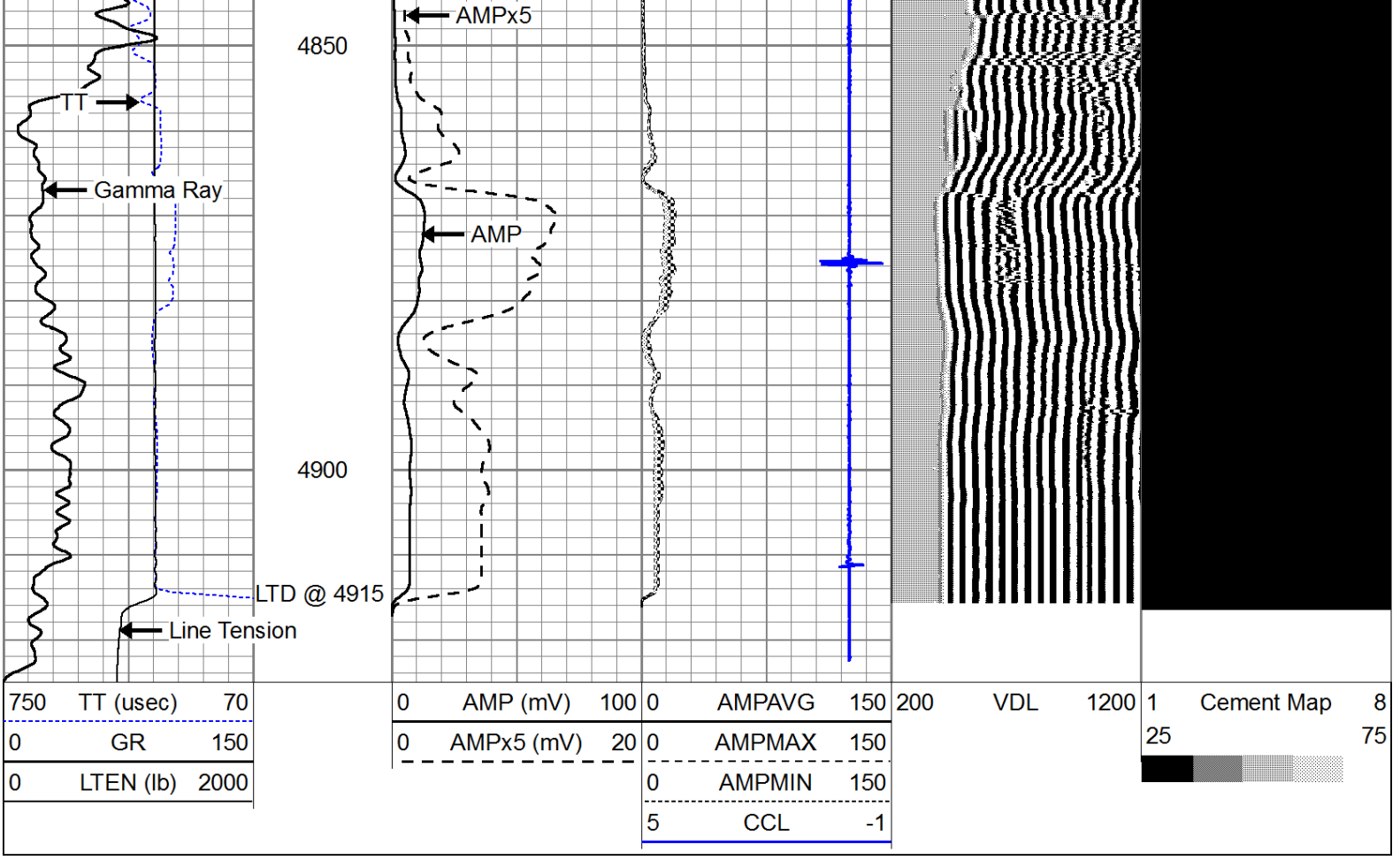
4500
4550
4600


4650
4700
4750
4800
AMPAVG
AMPMAX
AMPMIN
Casing Collars



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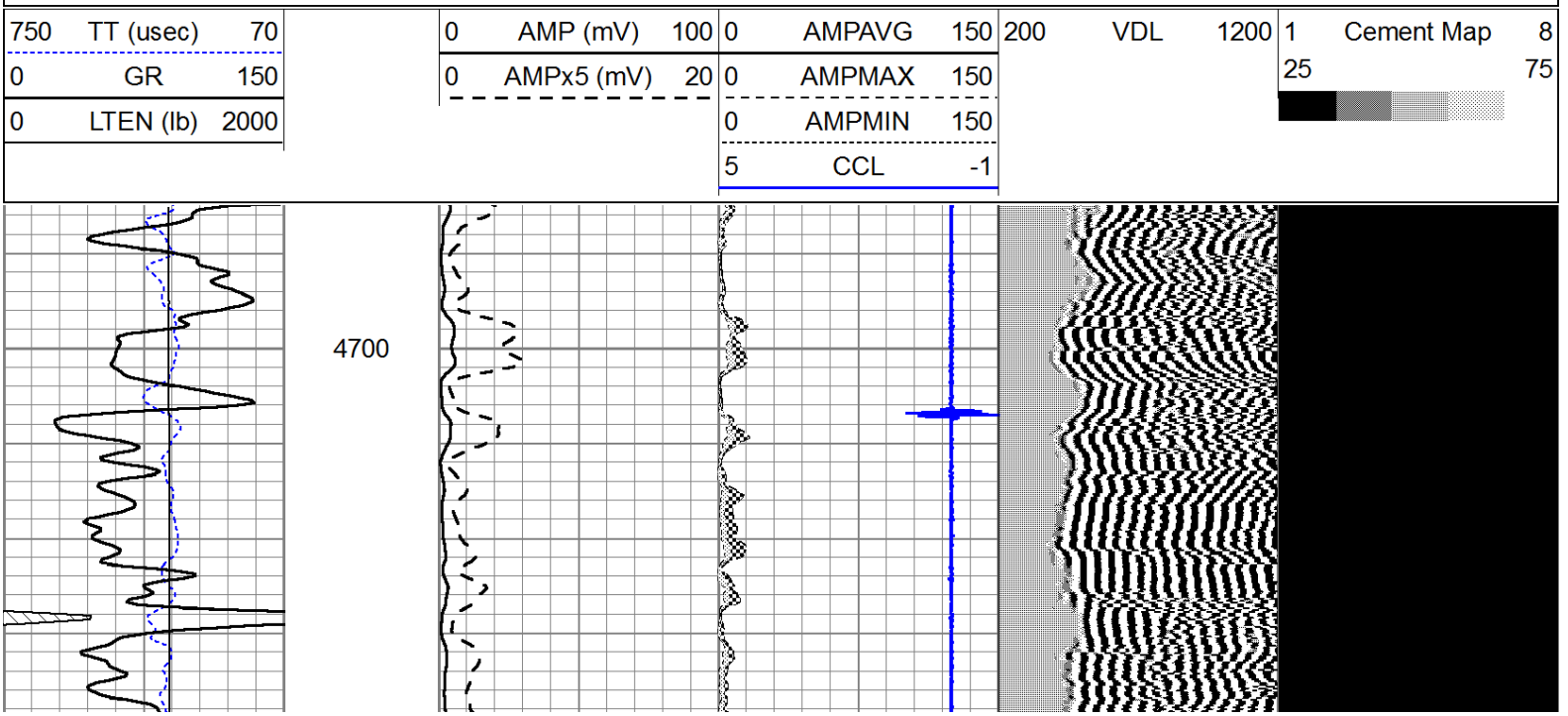
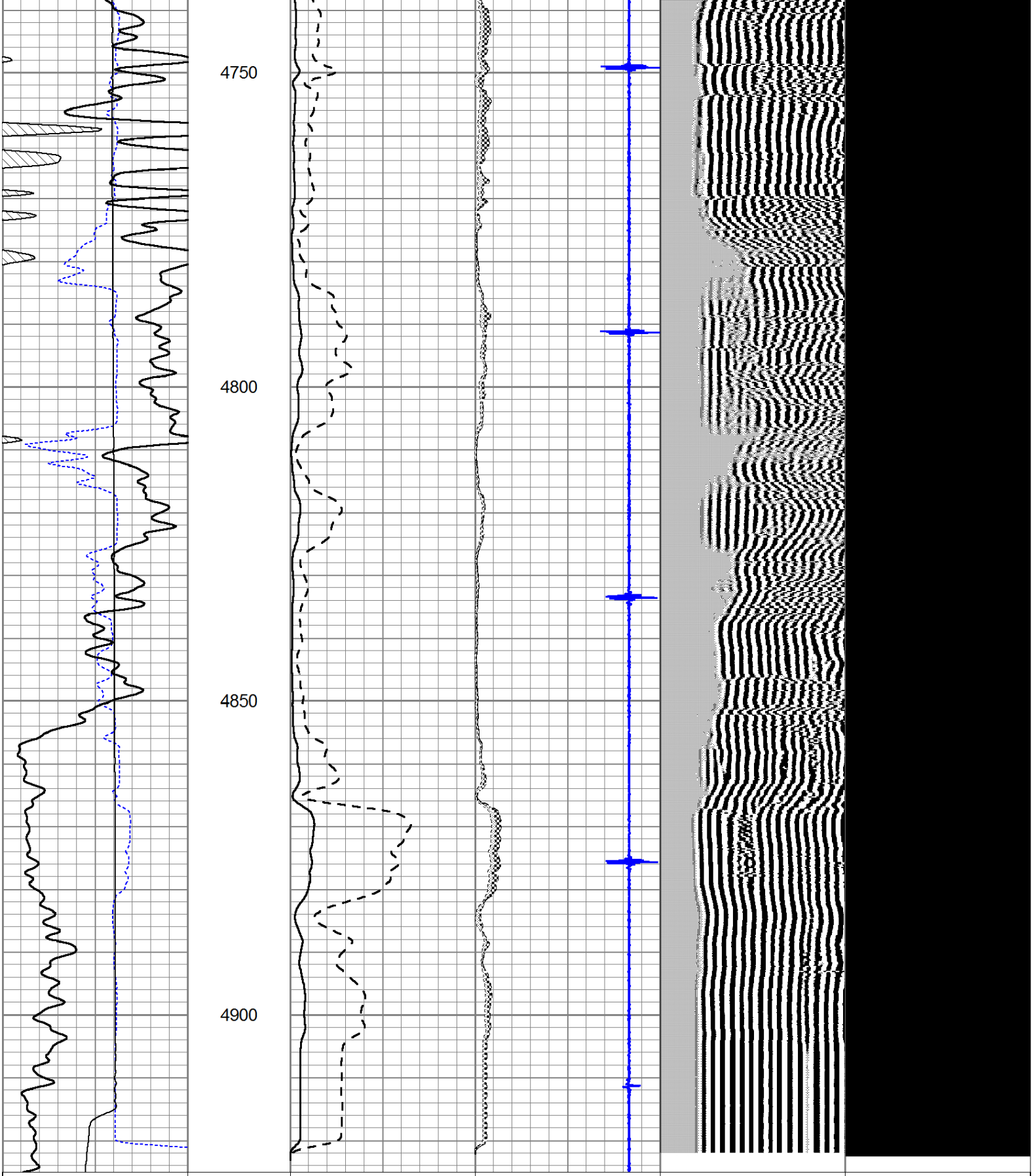
Repeat Section

Database File:	landmark_decker_#1-9_scbl.db
Dataset Pathname:	pass2
Presentation Format:	scbl02
Dataset Creation:	Tue Apr 16 09:12:55 2013 by Log SCH 111116
Charted by:	Depth in Feet scaled 1:240




4750
4800
4850
4900
750 TT (usec) 70
0 GR 150
0 LTEN (lb) 2000
0 AMP (mV) 100
0 AMPx5 (mV) 20
0 AMPAVG 150
0 AMPMAX 150
0 AMPMIN 150
5 CCL -1
200 VDL 1200
1 Cement Map 8
25 75