C&J Energy Services

Gamma Ray, Cement Bond CCL, VDL

Company	PDC Energy
Well	Churchill 28E-203
Field	Wattenbergy
County	Weld
State	CO

Company **PDC Energy**
Well **Churchill 28E-203**
Field **Wattenbergy**
County **Weld** **State** **CO**

Corrections made by operator on 9/23/2019

Location: **API #: 05-123-39751**
250' FNL & 1215' FWL
NW / NW
SEC 28 TWP 5N RGE 64W

Other Services

Permanent Datum	GL	Elevation	
Log Measured From	GL		Elevation K.B. D.F. G.L.
Drilling Measured From	KB		

Date	April 16, 2015		
Run Number	1		
Depth Driller	13915'		
Depth Logger	6300'		
Bottom Logged Interval	6300'-0'		
Top Log Interval			
Casing Size	7"		
Type Fluid	water		
Max. Recorded Temp.			
Estimated Cement Top			
Time Well Ready			
Time Logger On Bottom			
Unit Number	92-3856		
Tool Size / ID Number	1-11/16" Probe		
Location	WCRs53+52,N9/10,Einto		
Recorded By	Meisner		
Witnessed By	Gardella		

Borehole Record			Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String				
Liner				

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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

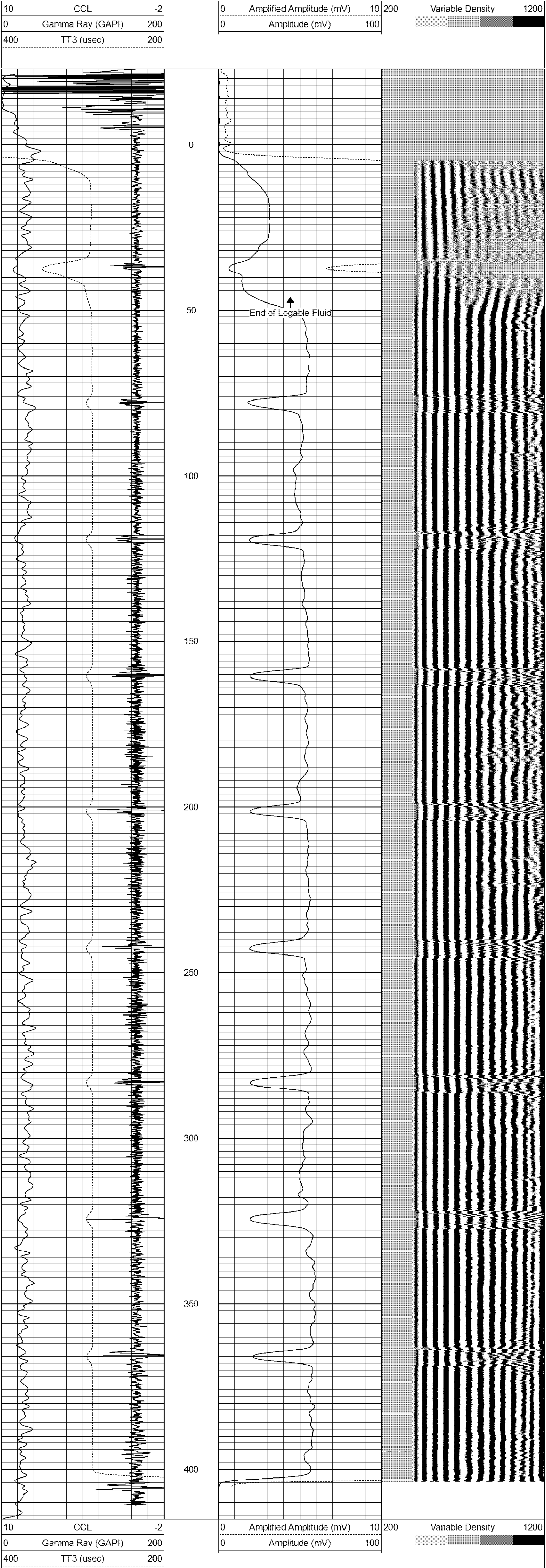
Thank You for Choosing Casedhole Solutions!!

Churchill Pad

<WEST> X O O O O O O O <EAST>

X = Churchill 28E -203

Database File:	pdcc28e203.db
Dataset Pathname:	pass2
Presentation Format:	noble en
Dataset Creation:	Thu Apr 16 14:53:41 2015 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240



Database File:	pdcc28e203.db
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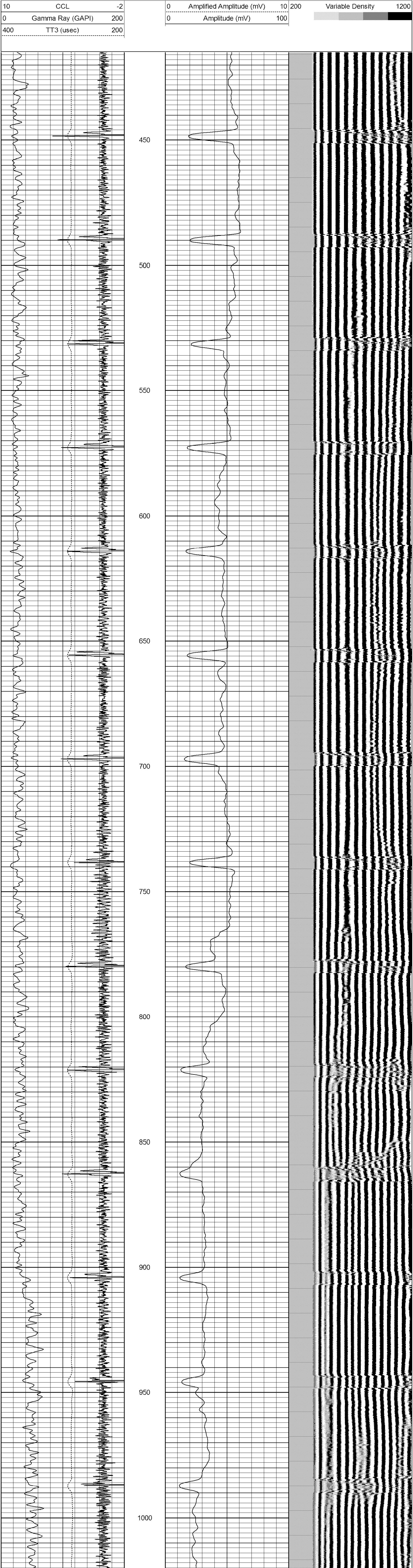
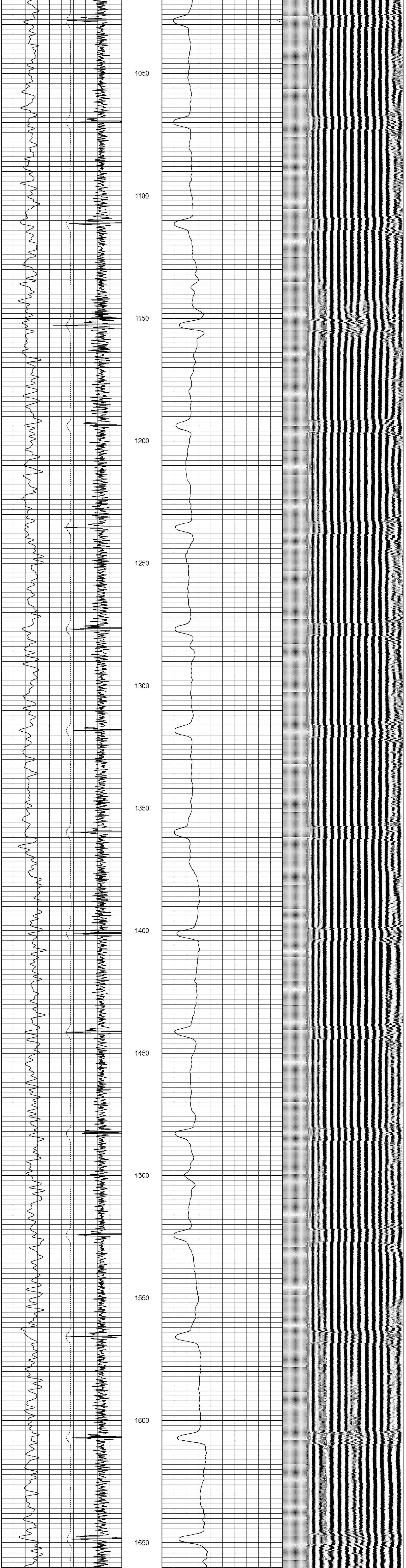
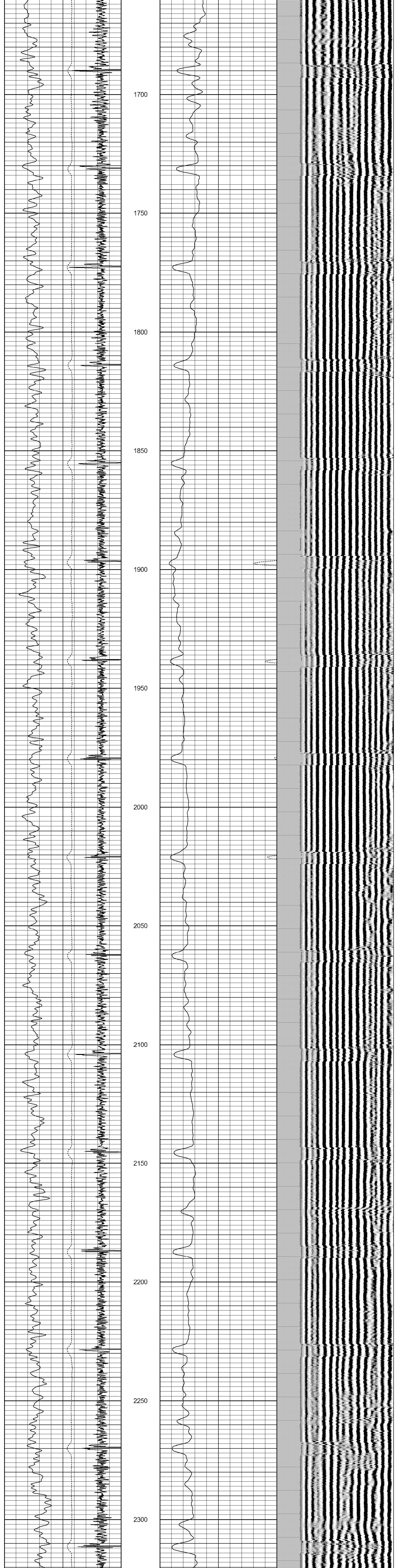
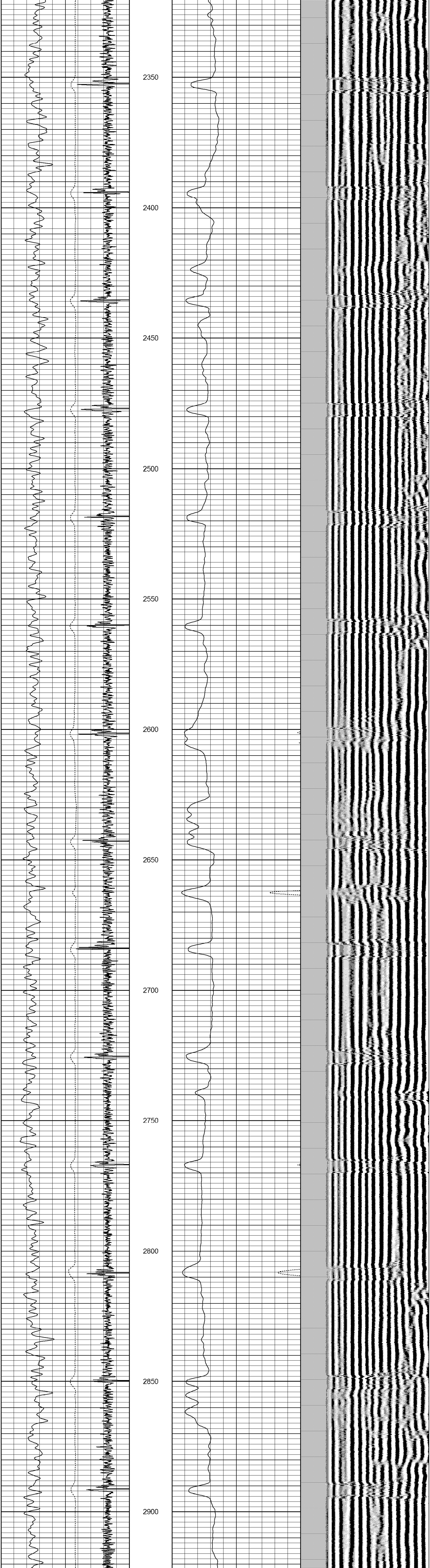
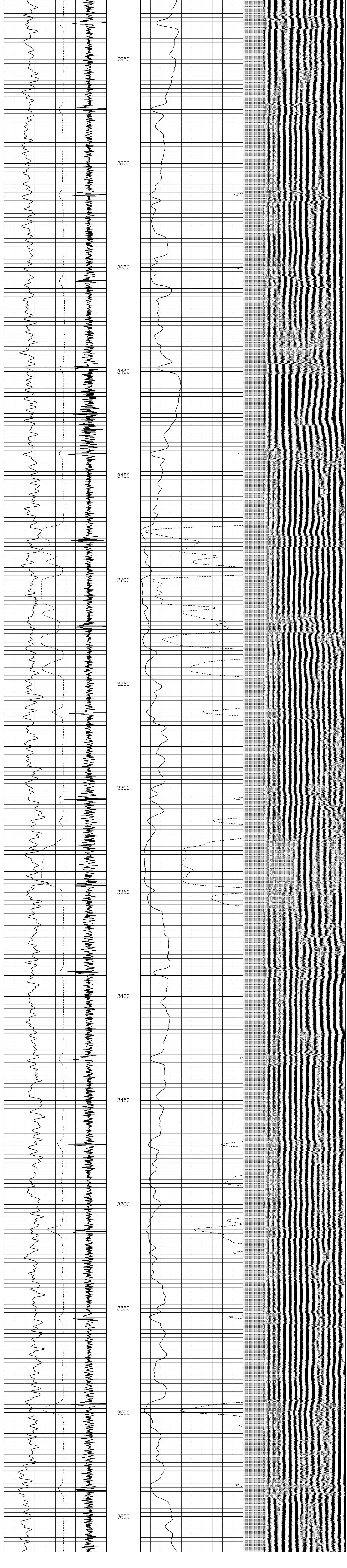
Presentation Format:	noble en
Dataset Creation:	Thu Apr 16 14:07:17 2015 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

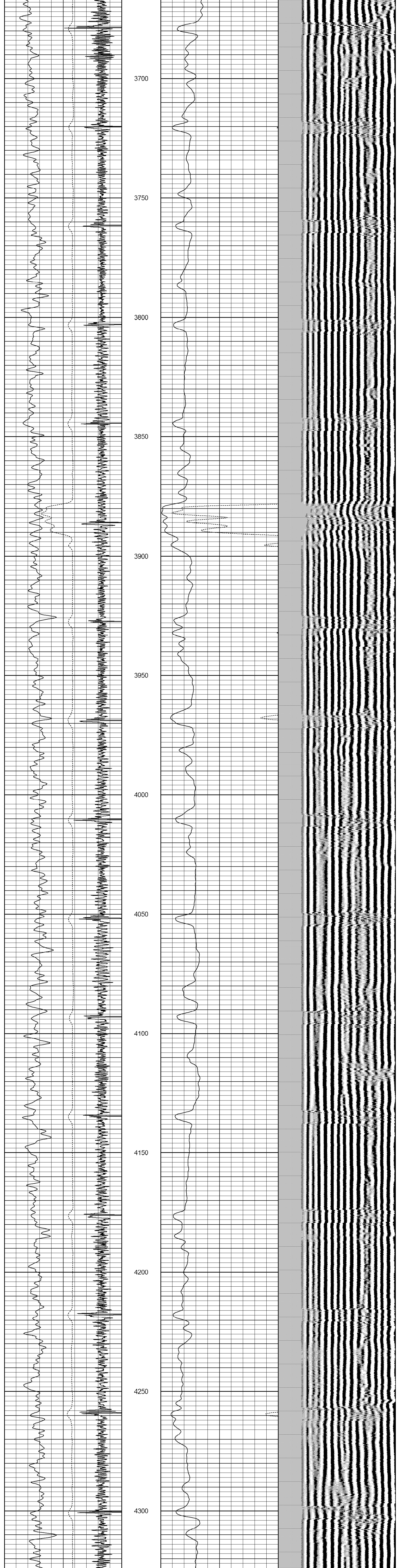








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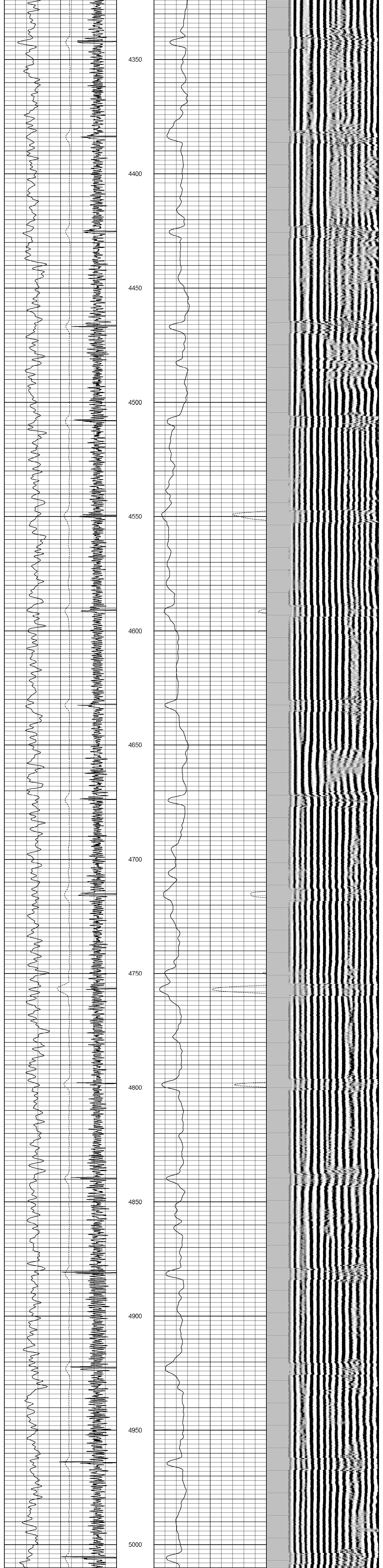
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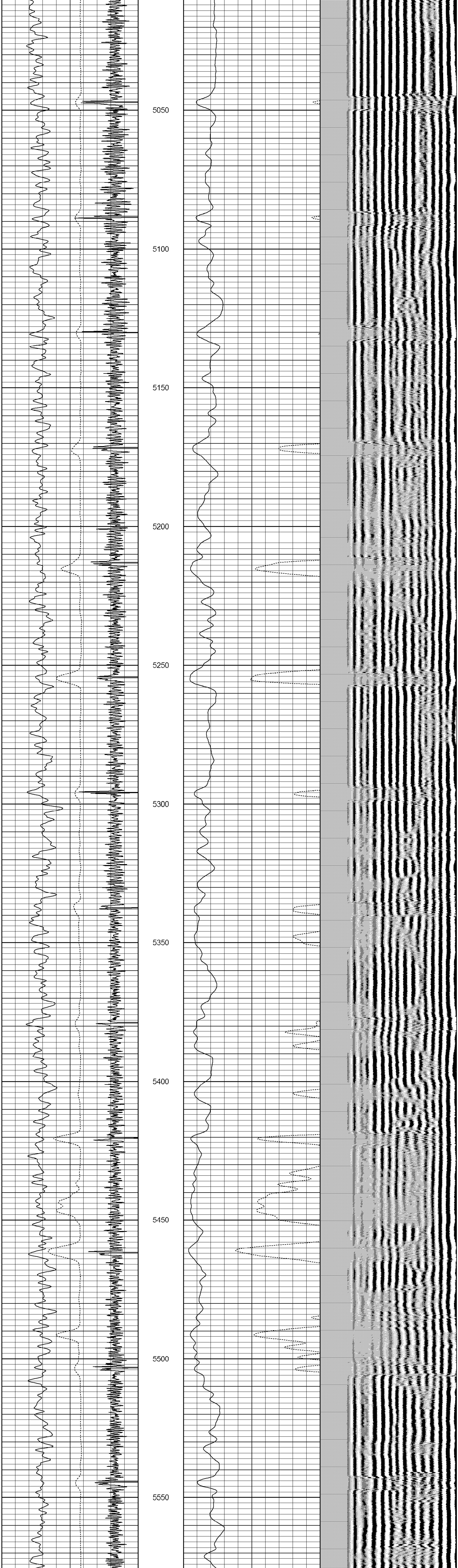
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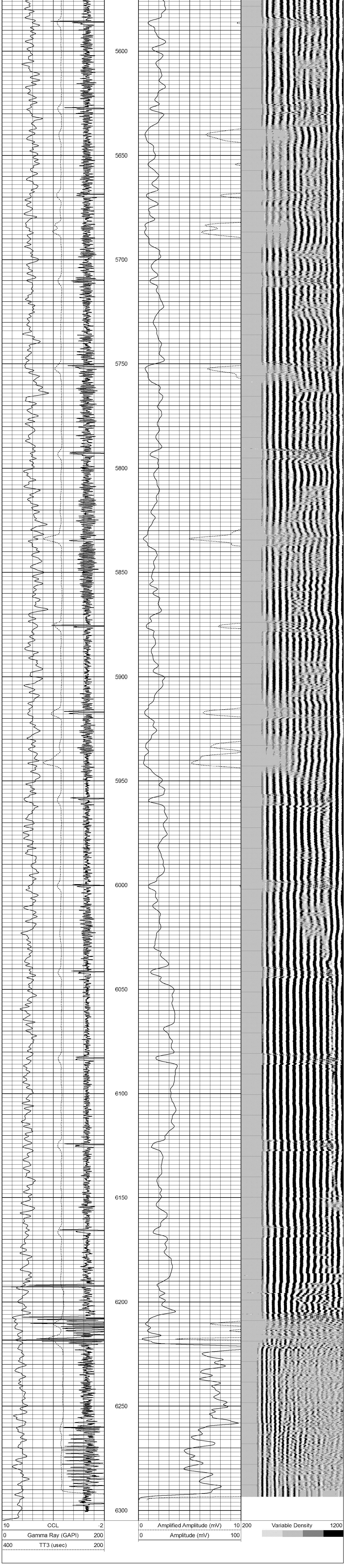
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10 CCL -2
0 Gamma Ray (GAPI) 200
400 TT3 (usec) 200
0 Amplified Amplitude (mV) 10
0 Amplitude (mV) 100
200 Variable Density 1200