

# DIGITAL CEMENT BOND, GAMMA RAY, CCL

Company PETERSON ENERGY OPERATING INC.		Company PETERSON ENERGY OPERATING INC.	
Well 392 VENTURES 22AD		Well 392 VENTURES 22AD	
Field WATTENBERG		Field WATTENBERG	
County WELD		County WELD	
State COLORADO		State COLORADO	
Location: SHL: 1520' FNL & 2294' FWL SENW BHL: 1349' FNL & 1274' FWL SEC 22 TWP 6N RGE 67W		API # : 05-123-34002	
Permanent Datum G.L. 4784'		Other Services	
Log Measured From K.B. 16' ABOVE G.L.		Elevation K.B. 4800'	
Drilling Measured From K.B. 16' ABOVE G.L.		D.F. 4799'	
G.L. 4784'		Elevation	
Date 15-FEB-2012	Run Number 1	Depth Driller 7495'	Depth Logger 7427'
Bottom Logged Interval 7427'	Top Log Interval 1550'	Open Hole Size 7.875	Type Fluid WATER
Density / Viscosity 1.0	Max. Recorded Temp. 227 DEGREES F	Estimated Cement Top 1756'	Time Well Ready ON ARRIVAL
Time Logger on Bottom	Equipment Number 2233 & 1799	Location ROCK SPRINGS, WY	Recorded By C. STEININGER
Witnessed By RICK OHLEMEIER			
Borehole Record		Tubing Record	
Run Number	Bit From To	Size	Weight From To
ONE 12.25	0	461	
TWO 7.875	461	7495	
Casing Record	Size	Wgt/Ft	Top Bottom
Surface String 8.875		16.5#	0 461
Prot. String			
Production String 4.5		11.6#	0 TD
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

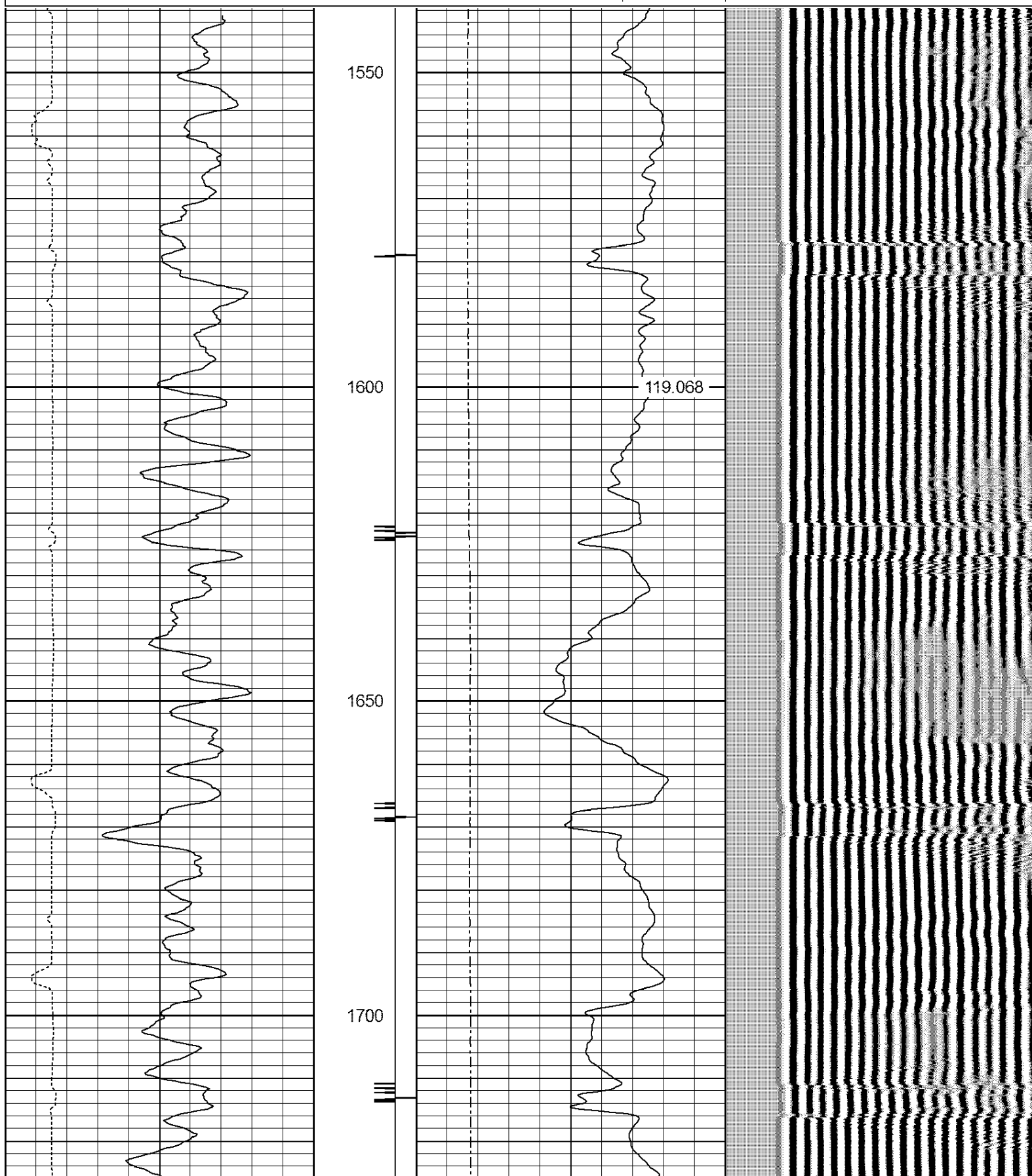
CORRELATED TO: PSI  
COMPENSATED DENSITY  
COMPENSATED NEUTRON

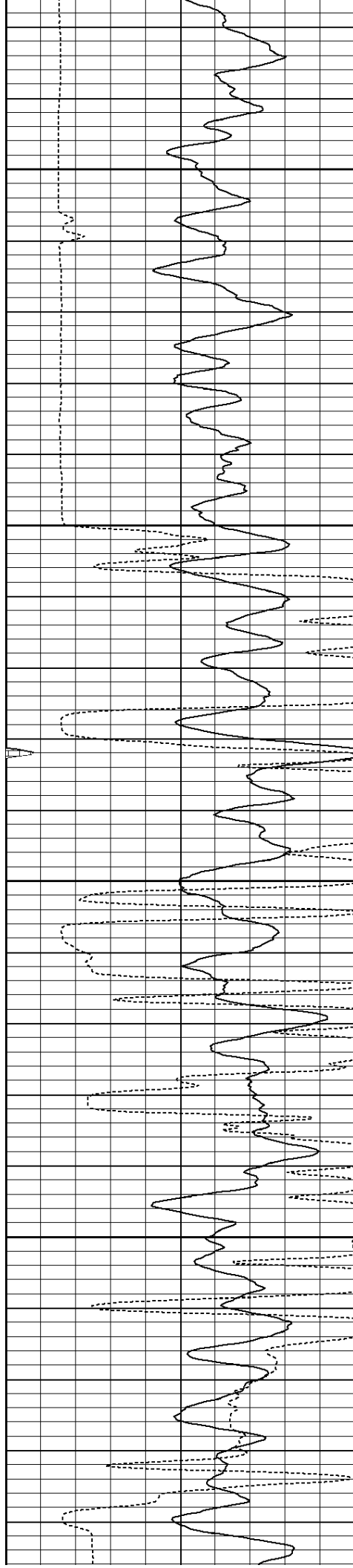
DATED: 01-FEB-2012

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			STD-Standard (STNDRD) Standard Cable Head	1.00	1.44	10.00

				PTS275	2.88	2.75	35.00
HEADVOLT	16.34						
IntTemp	14.92						
WVF3FT	11.67			RBT-Probe (Base)	8.92	2.75	130.00
WVFCAL	11.67			Probe Radli Bond Tool with Digital Telemetry			
WVFS1	11.67						
WVFS2	11.67						
WVFS3	11.67						
WVFS4	11.67						
WVFS5	11.67						
WVFS6	11.67						
WVFS7	11.67						
WVFS8	11.67						
WVF5FT	10.67						
				PTS275	2.88	2.75	35.00
CCL	3.64						
				GR-Probe (275)	4.54	2.75	60.00
				Probe 2.75"			
GR	0.90						
Dataset: ventures 22ad.db: field/well/run1/pass2.3 Total Length: 20.22 ft Total Weight: 270.00 lb O.D. 2.75 in							

200	TT (usec)	800	-4	CCL	1	0	AMP (mV)	100	200	VDL	1200
30	GR (GAPI)	130				0	AMPx5 (mV)	20			
130	gr (GAPI)	230				0	LTEN (lb)	2000			
							TEMP				
							(degF)				





1750

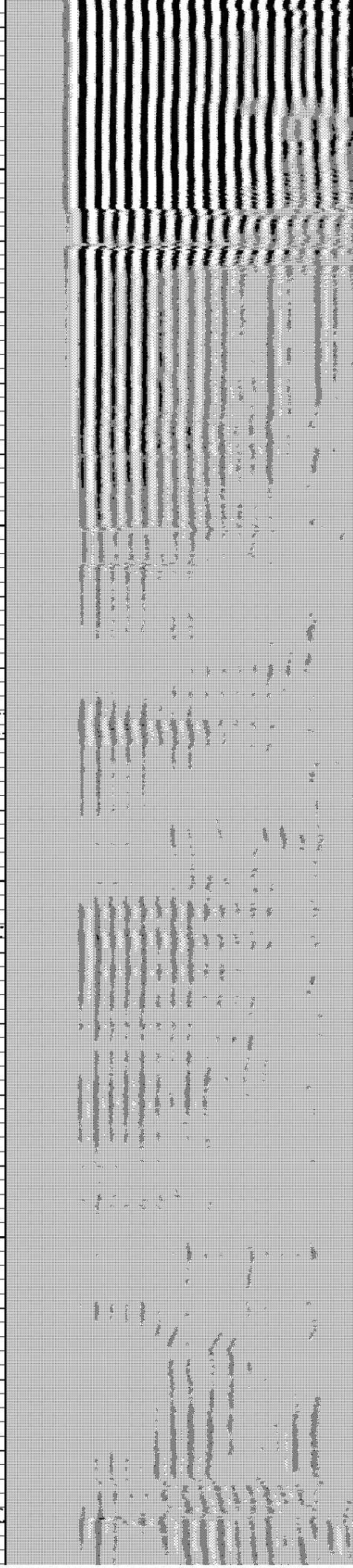
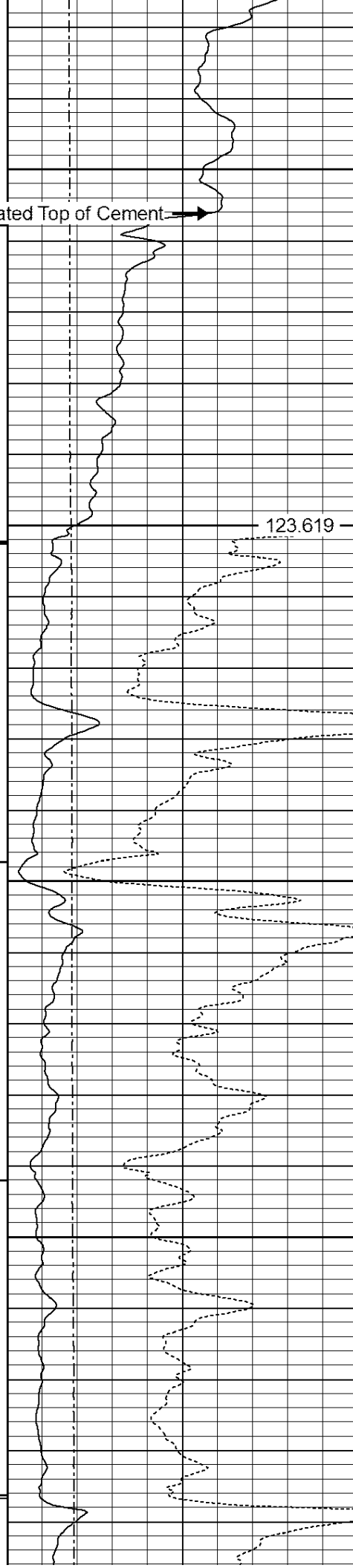
Estimated Top of Cement →

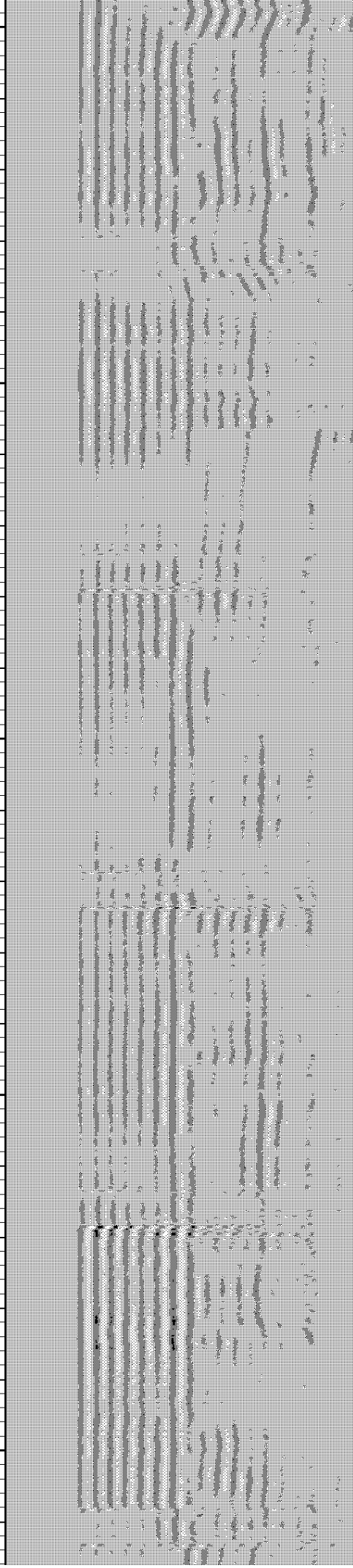
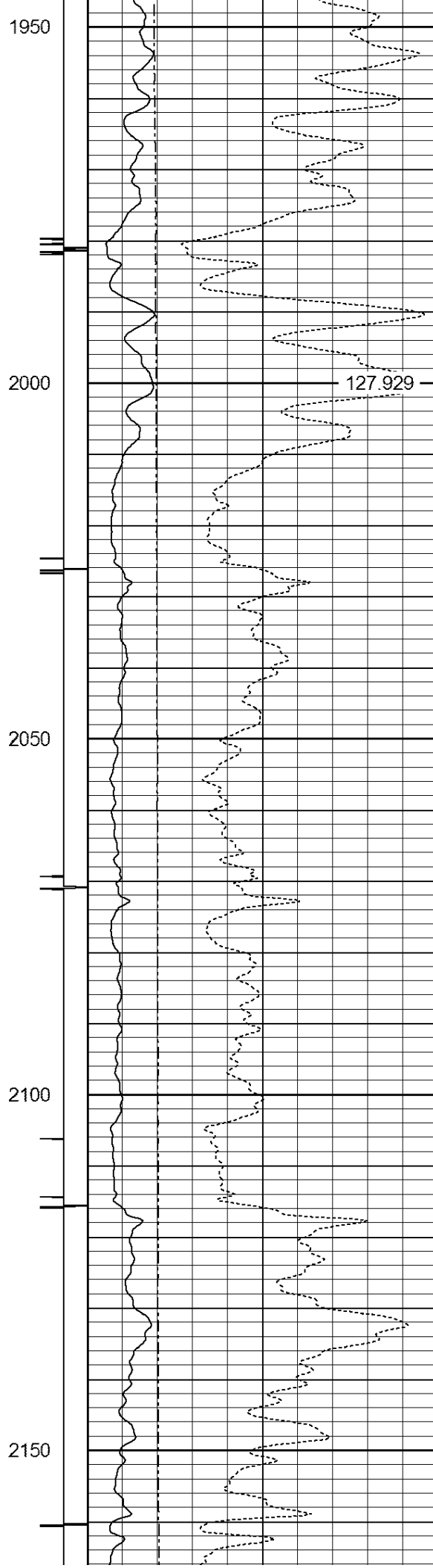
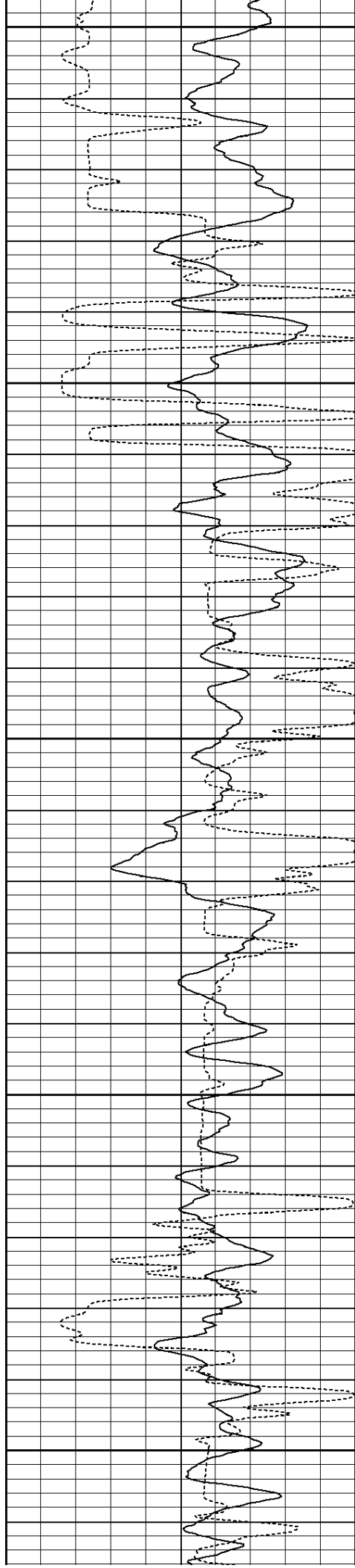
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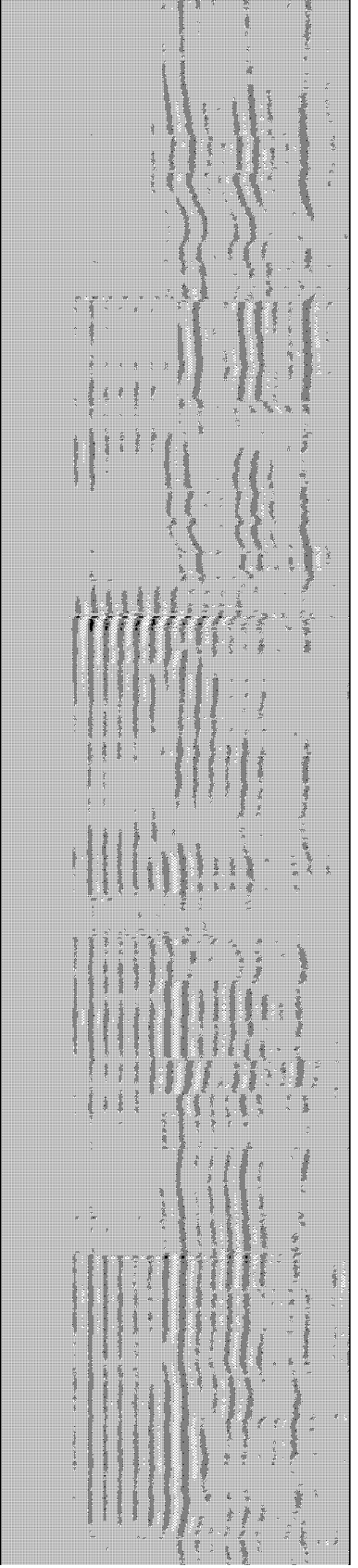
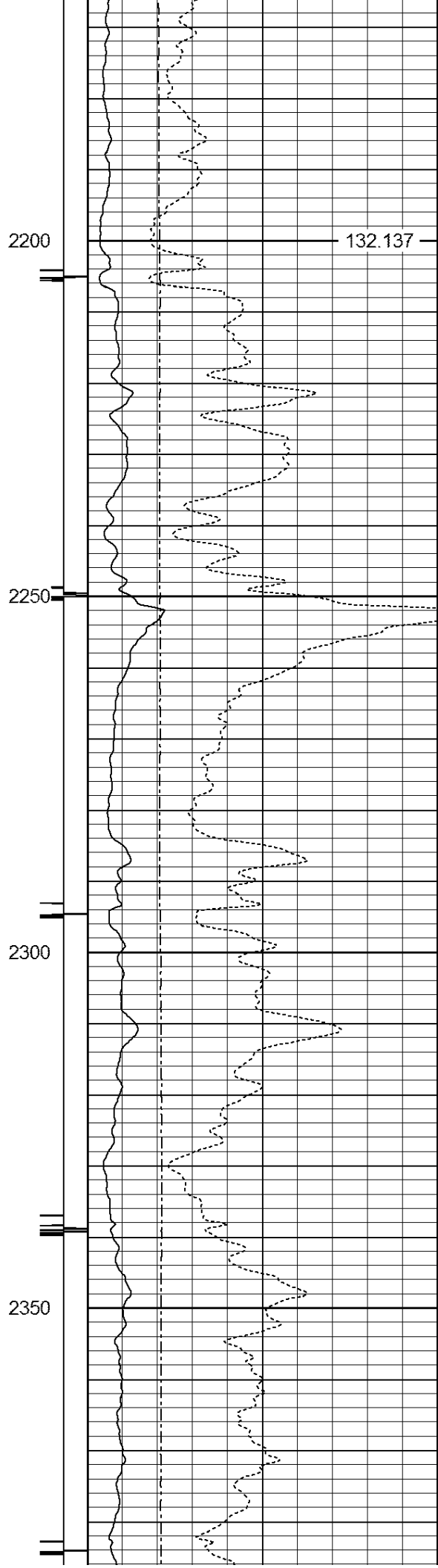
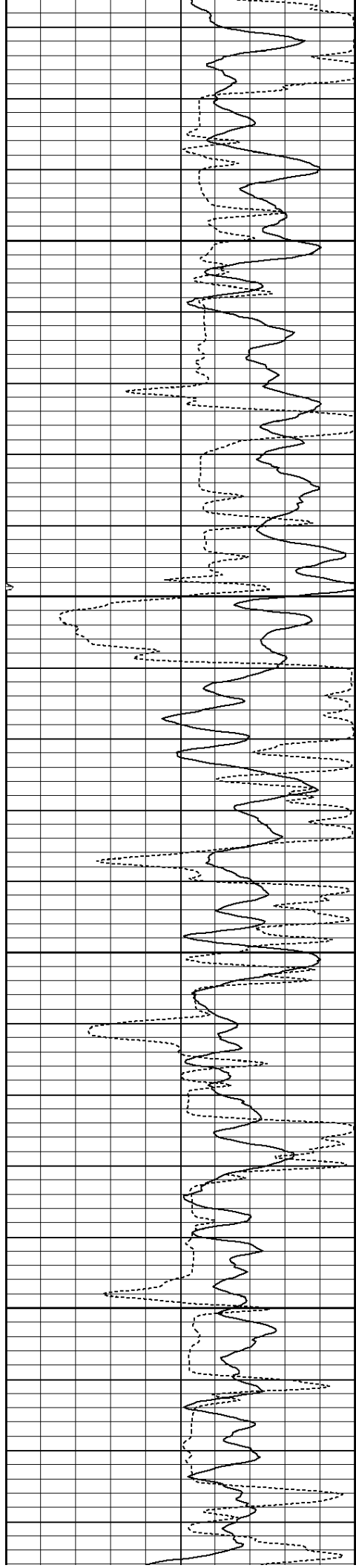
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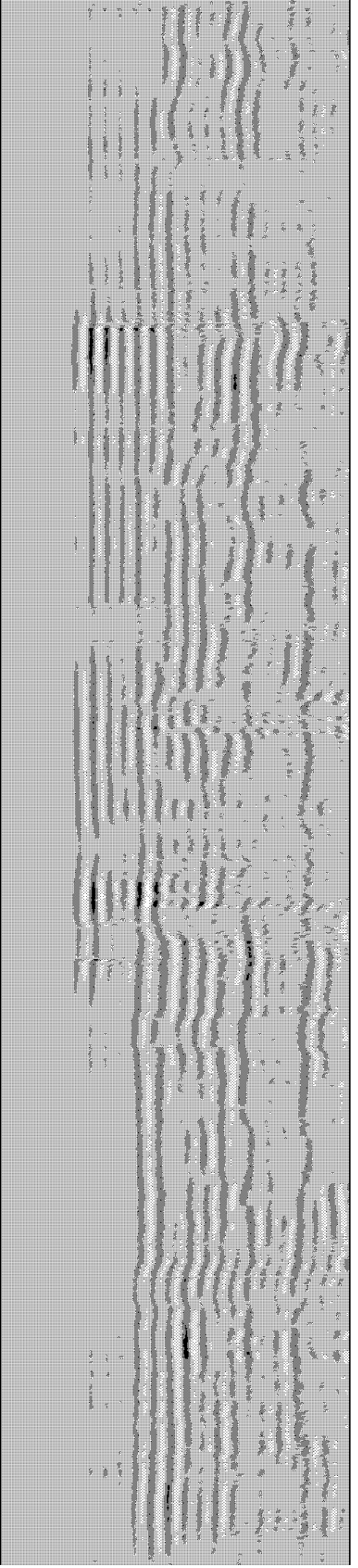
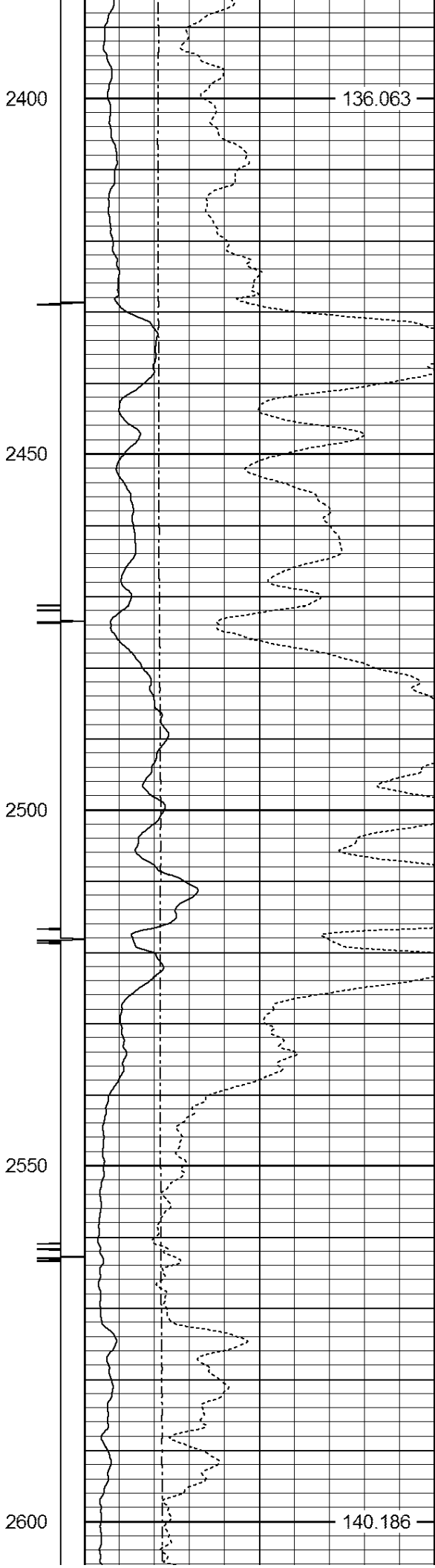
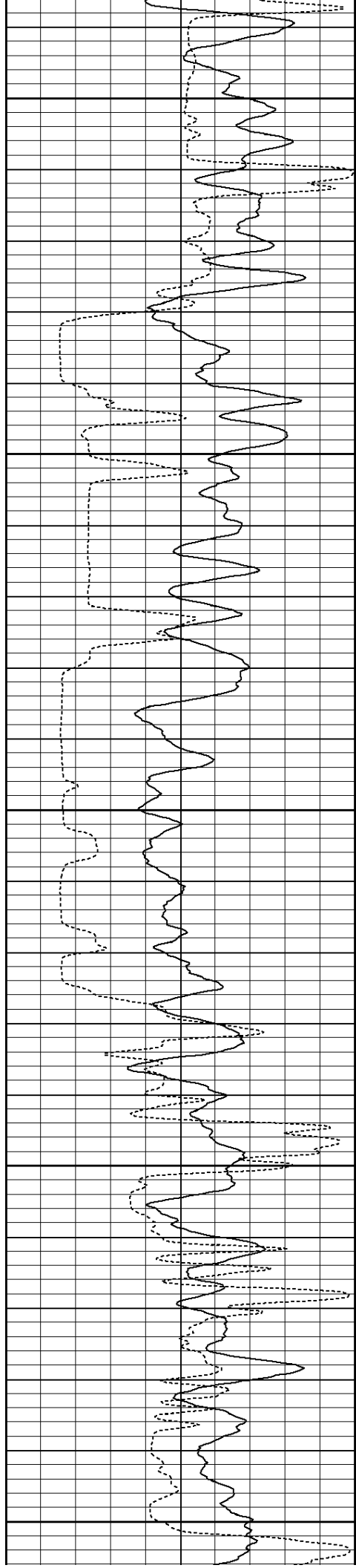
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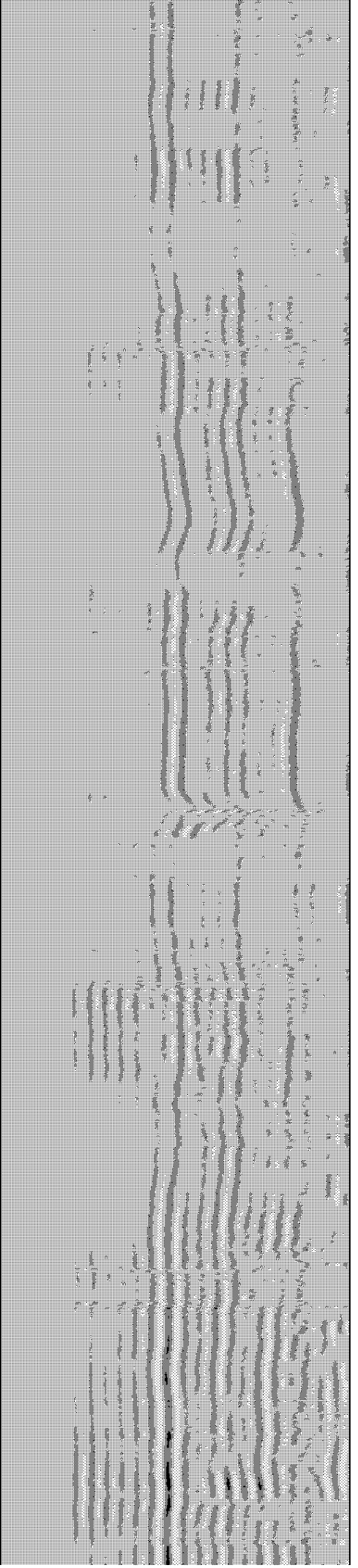
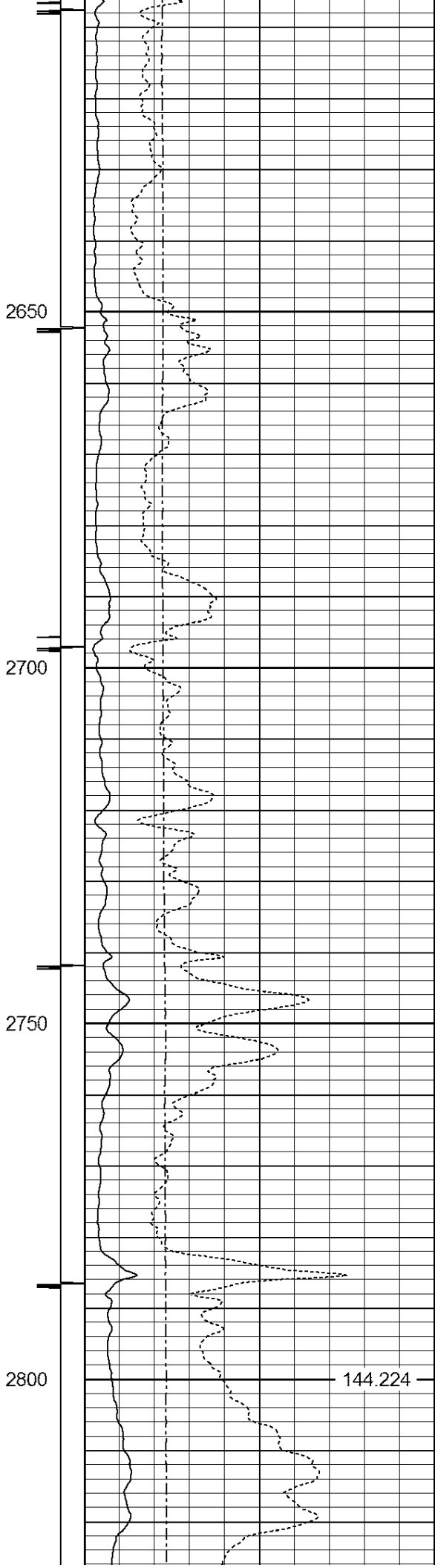
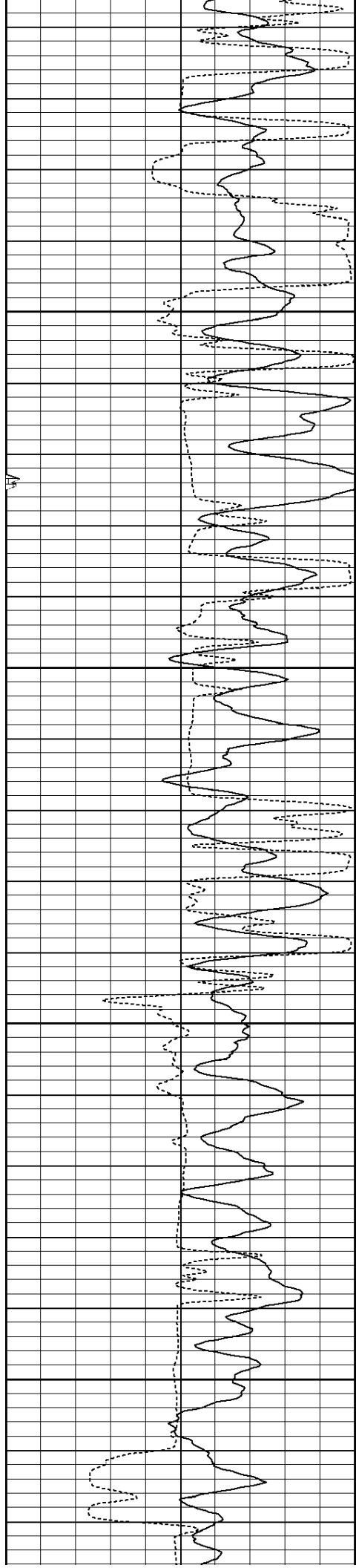




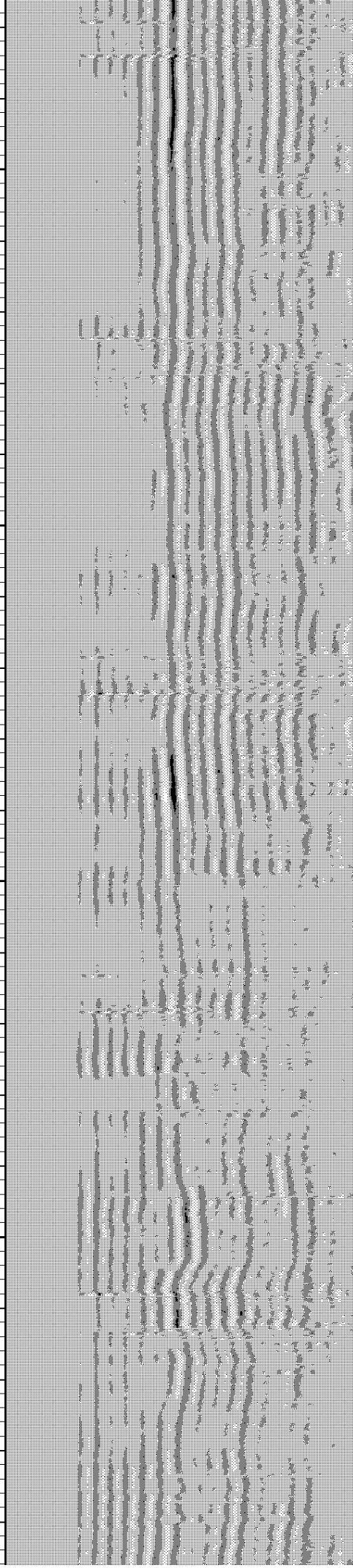
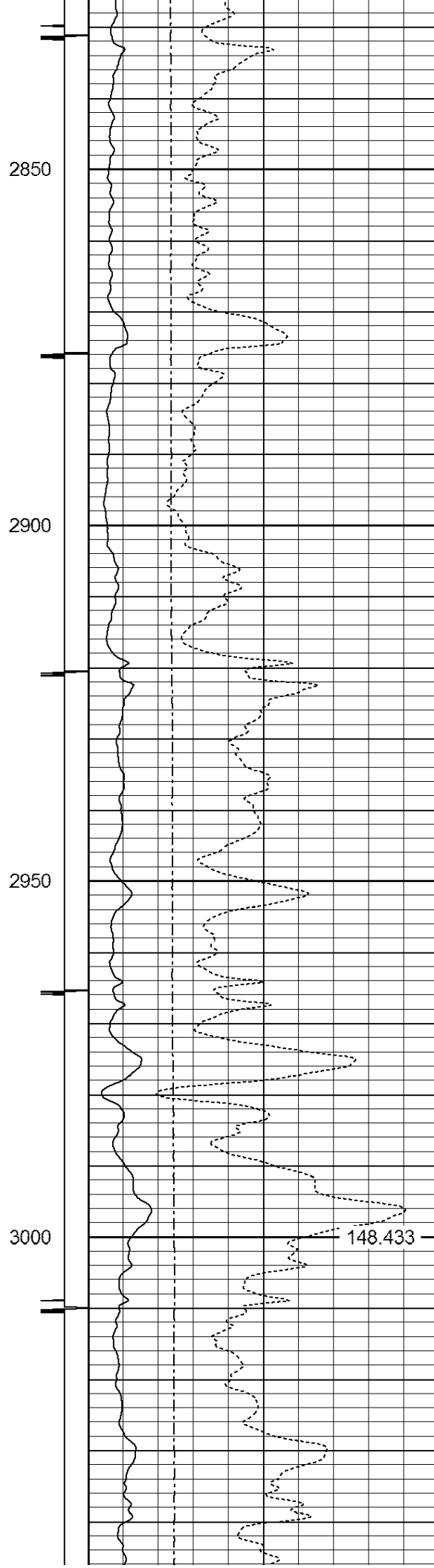
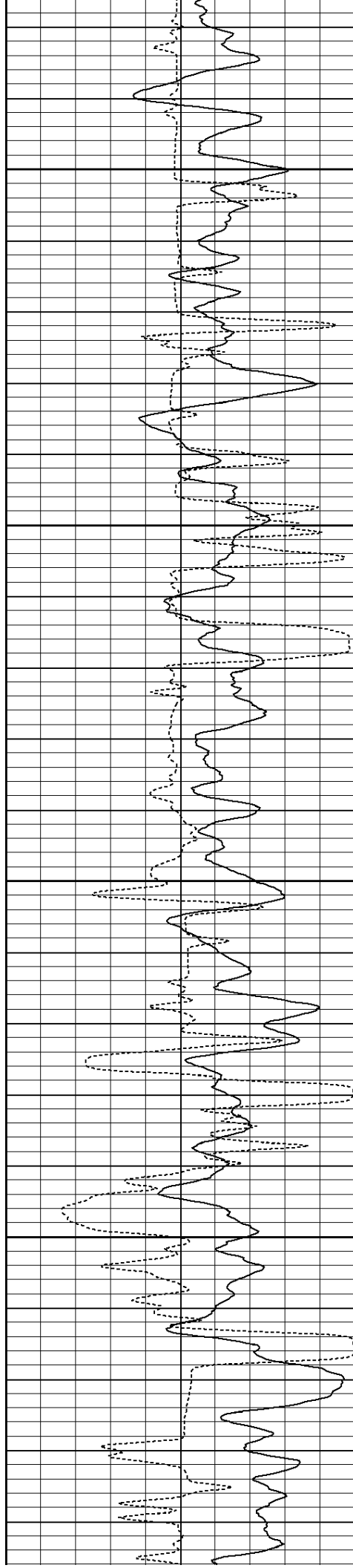


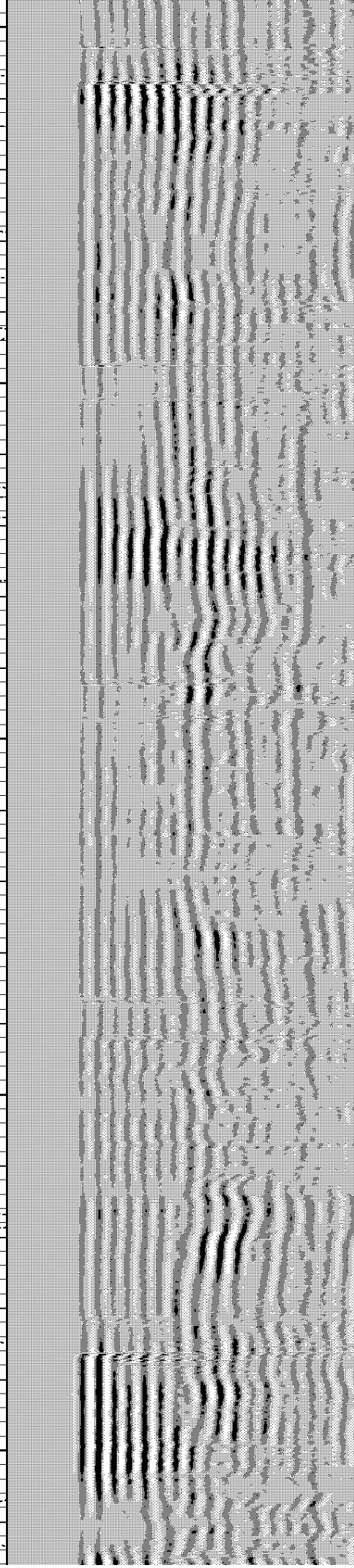
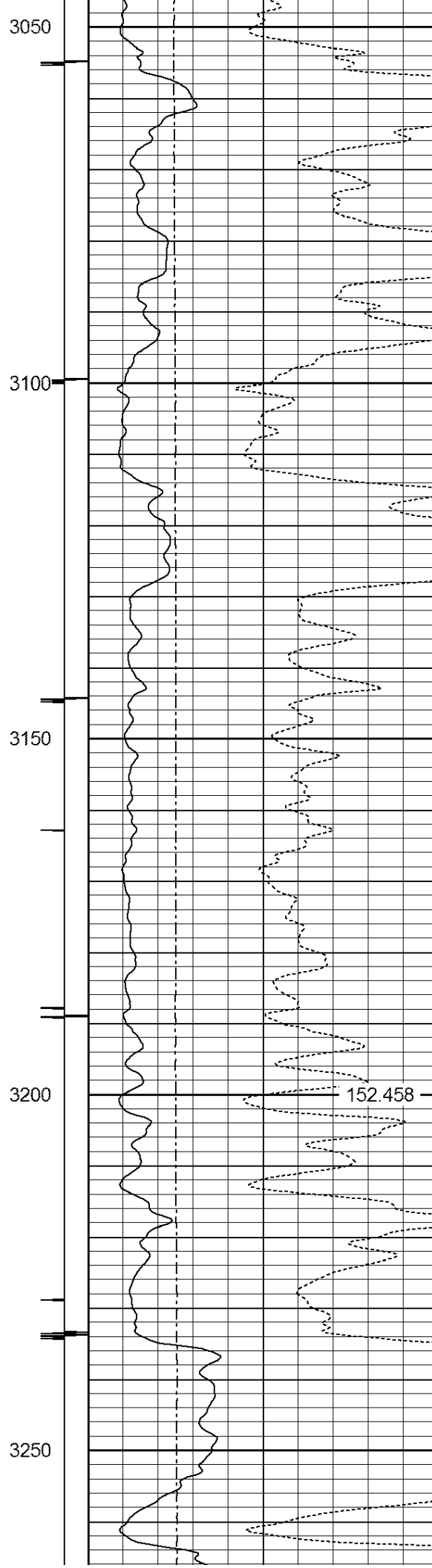
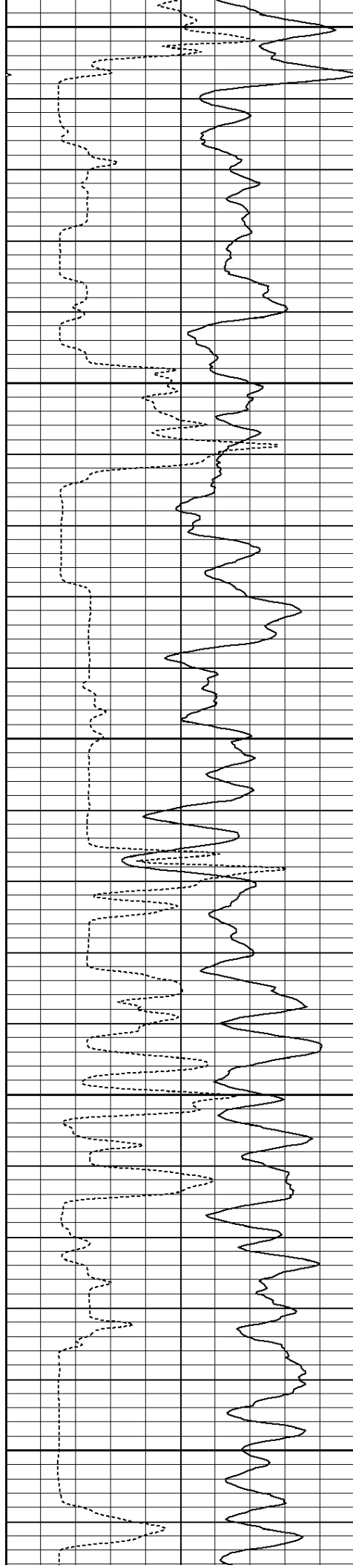


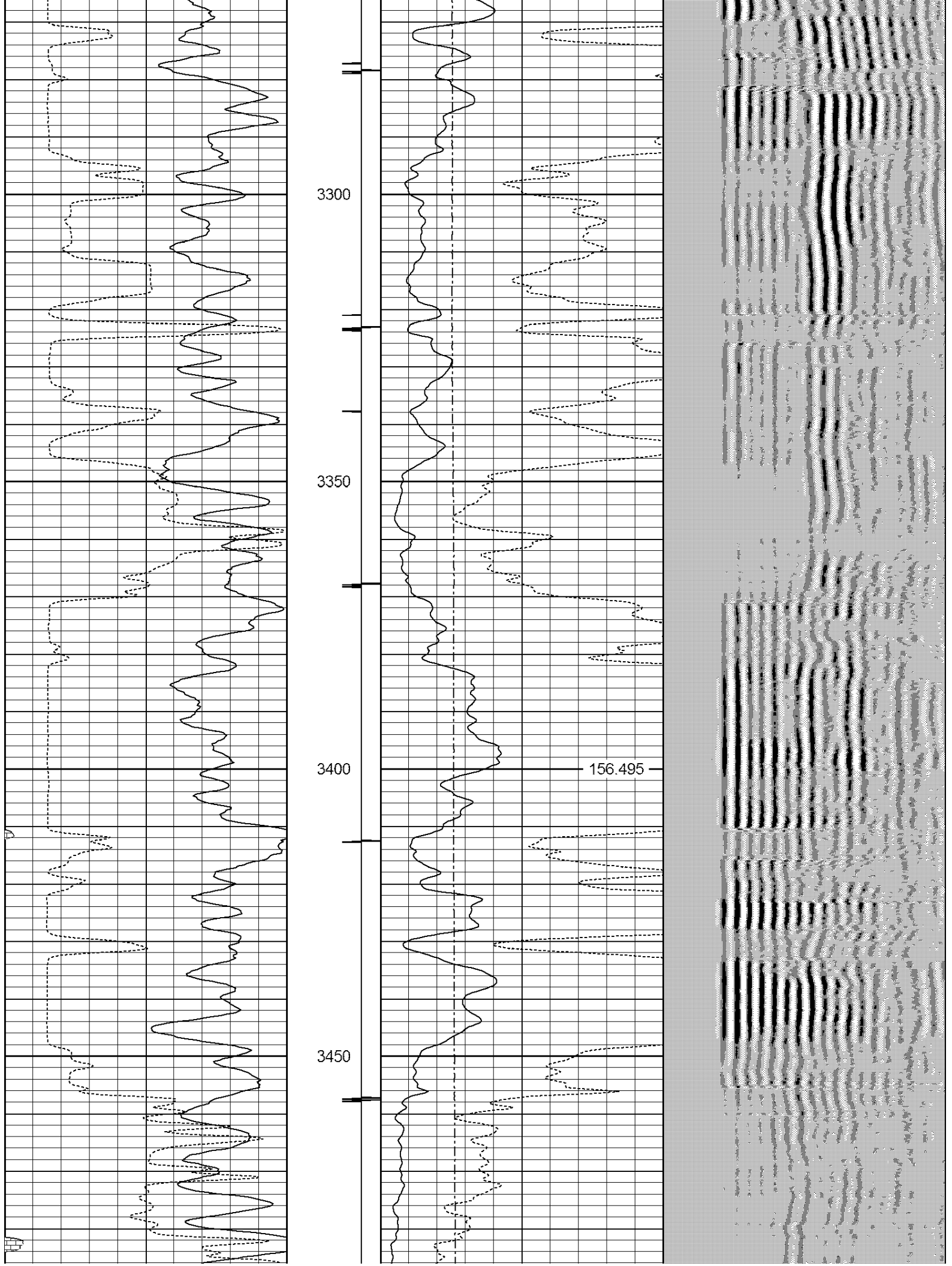


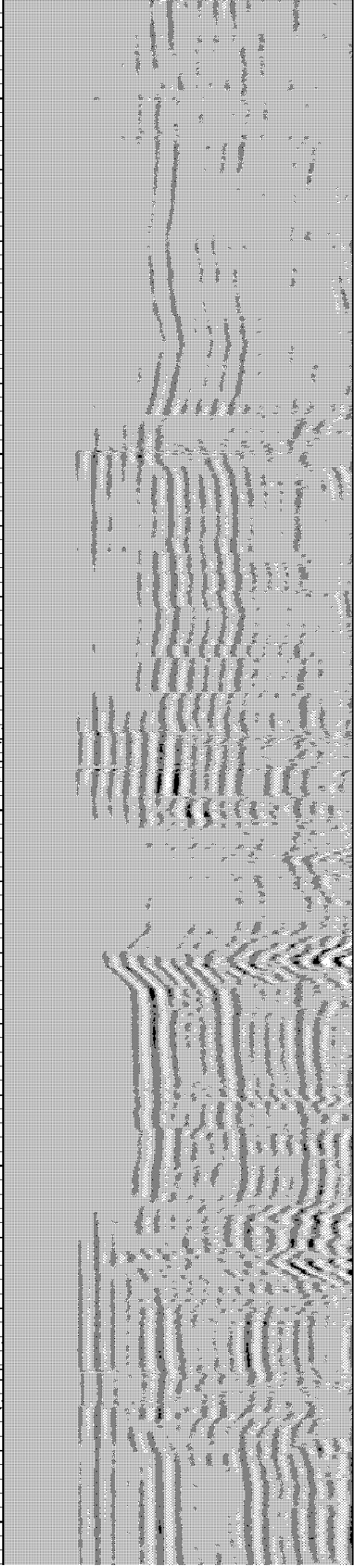
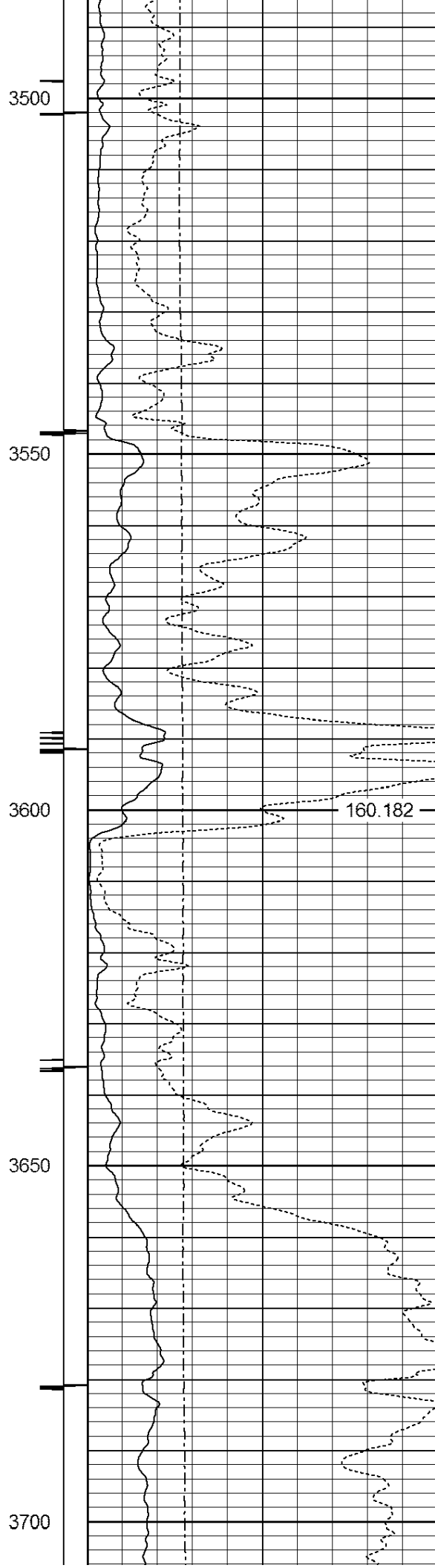
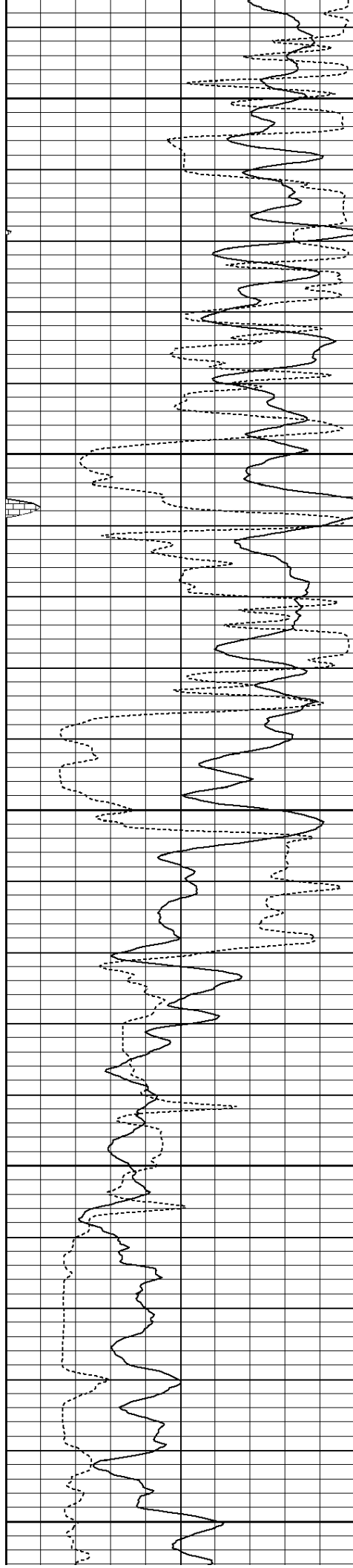


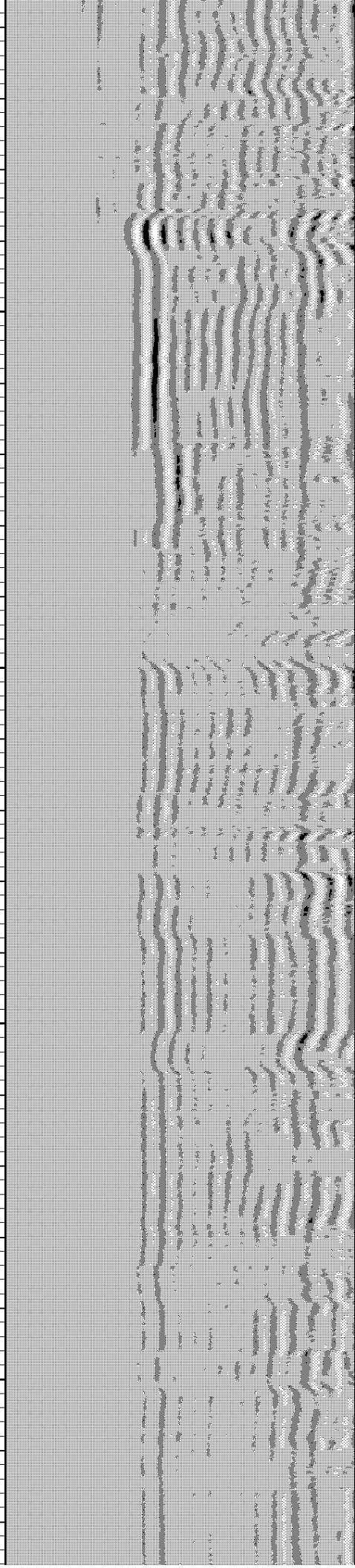
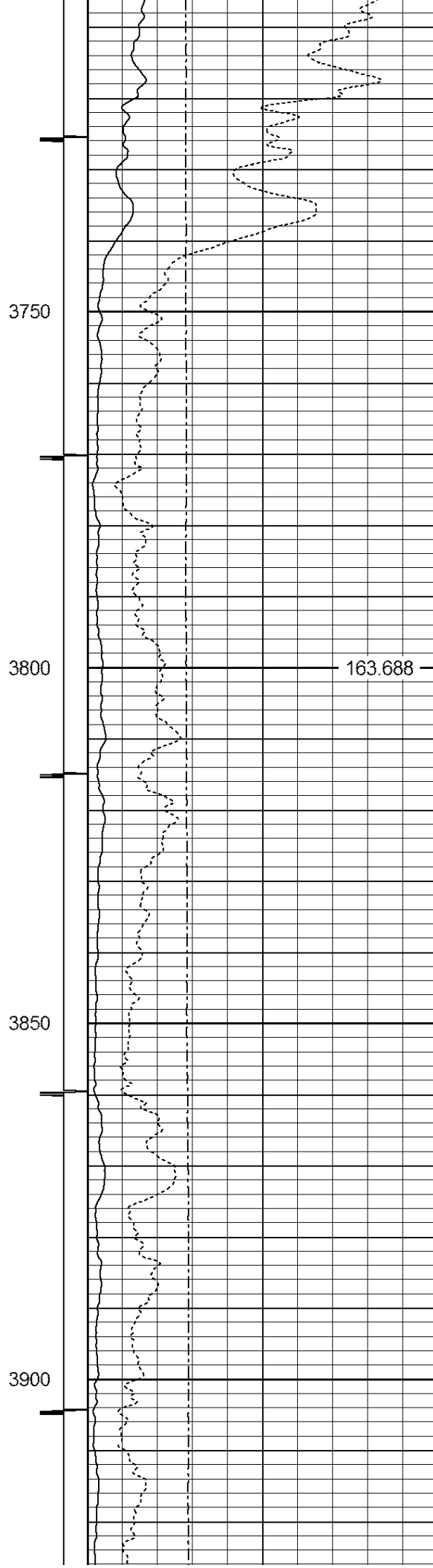
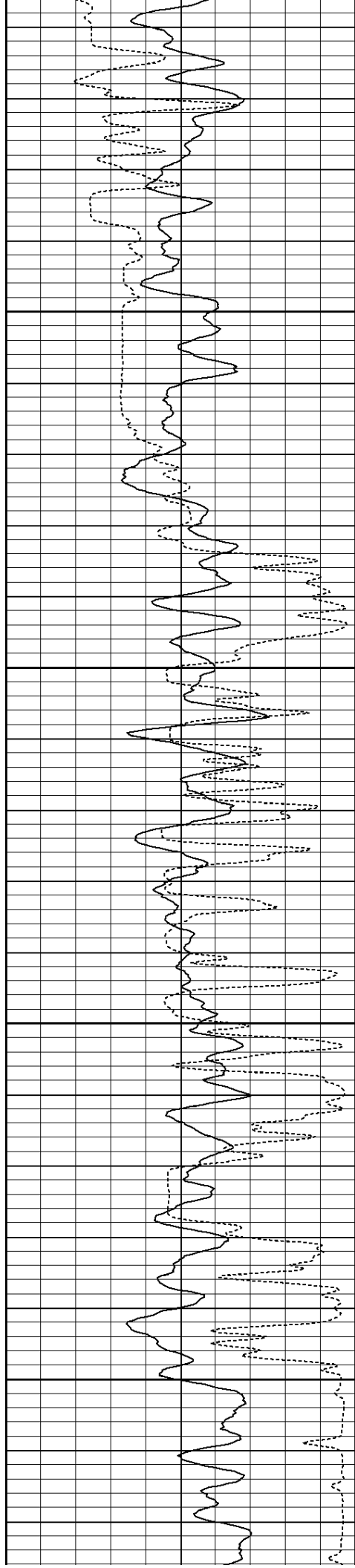




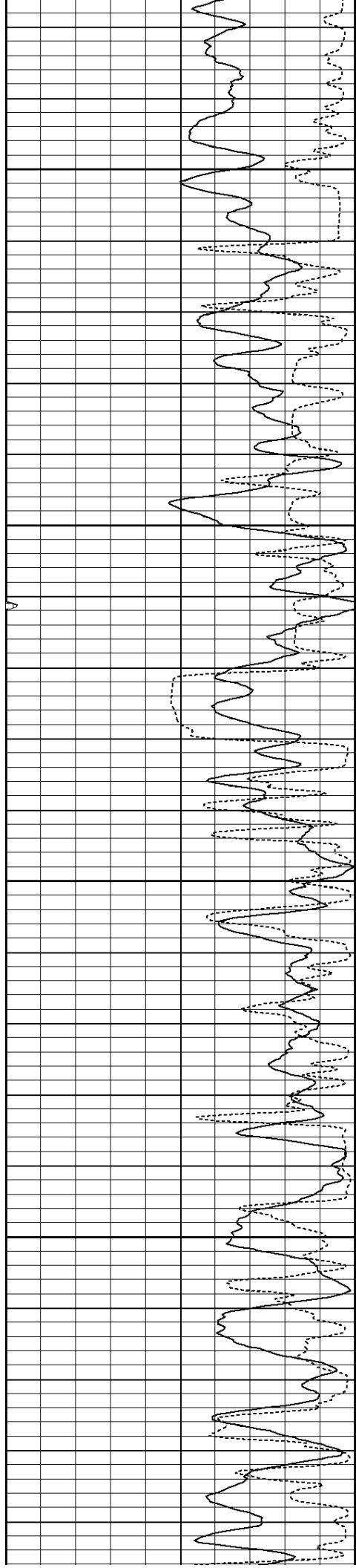












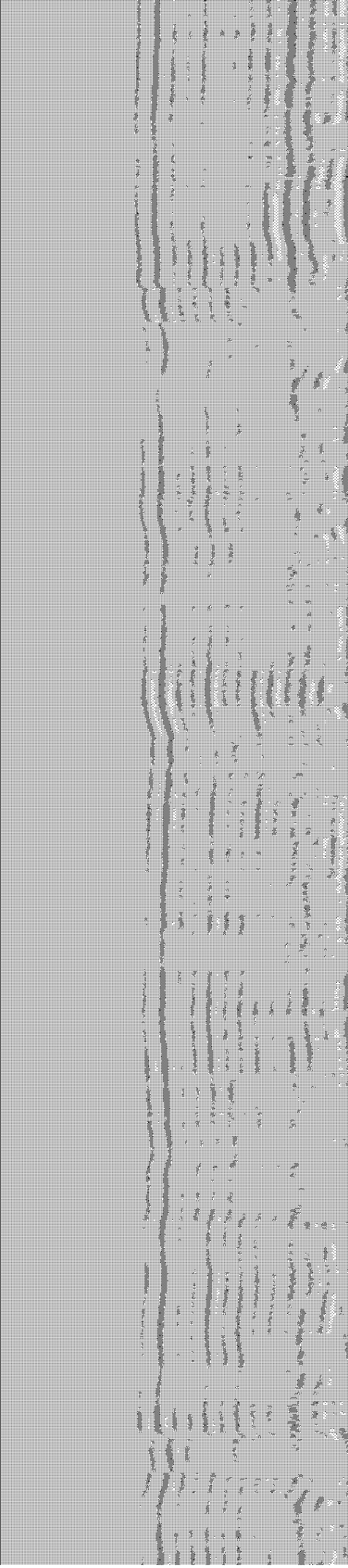
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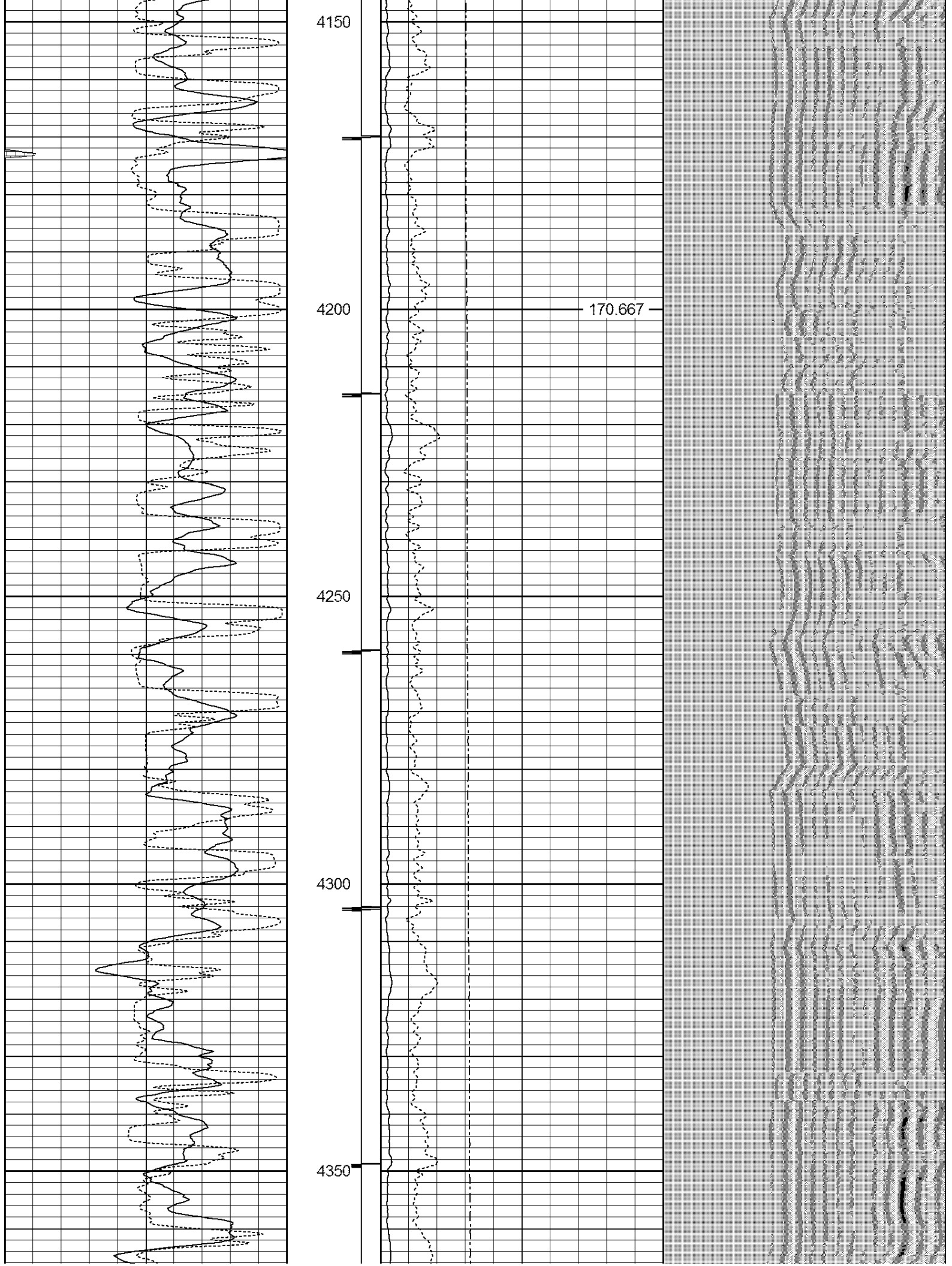
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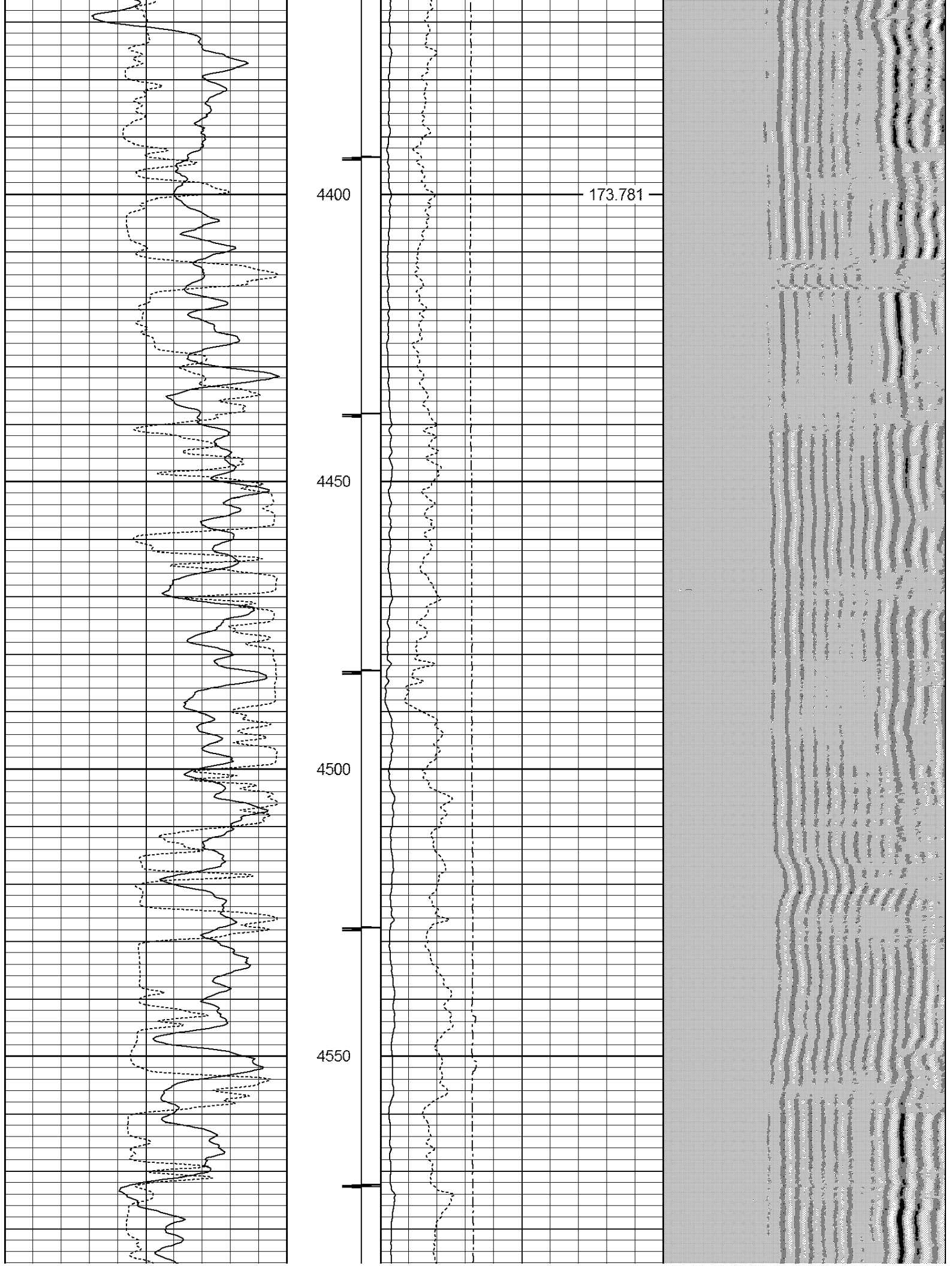
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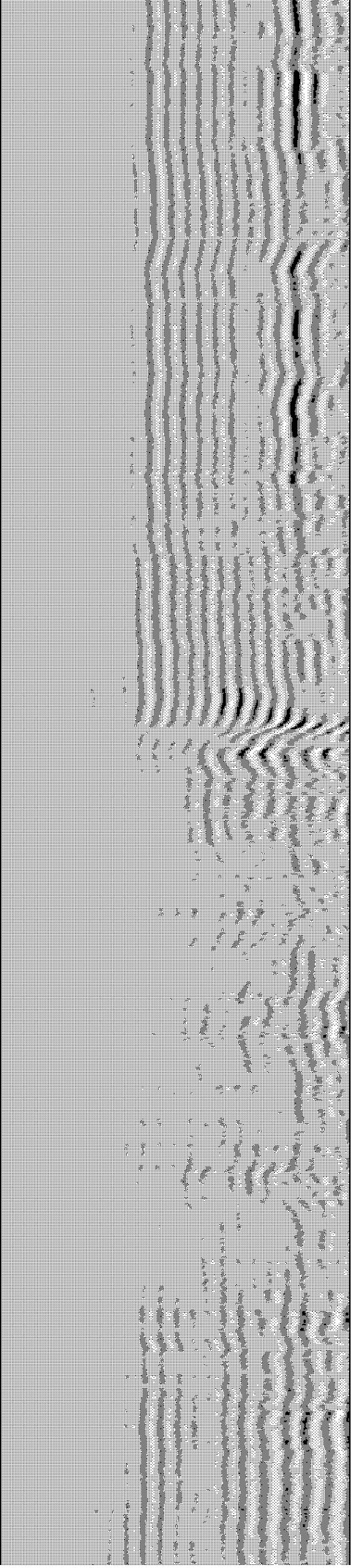
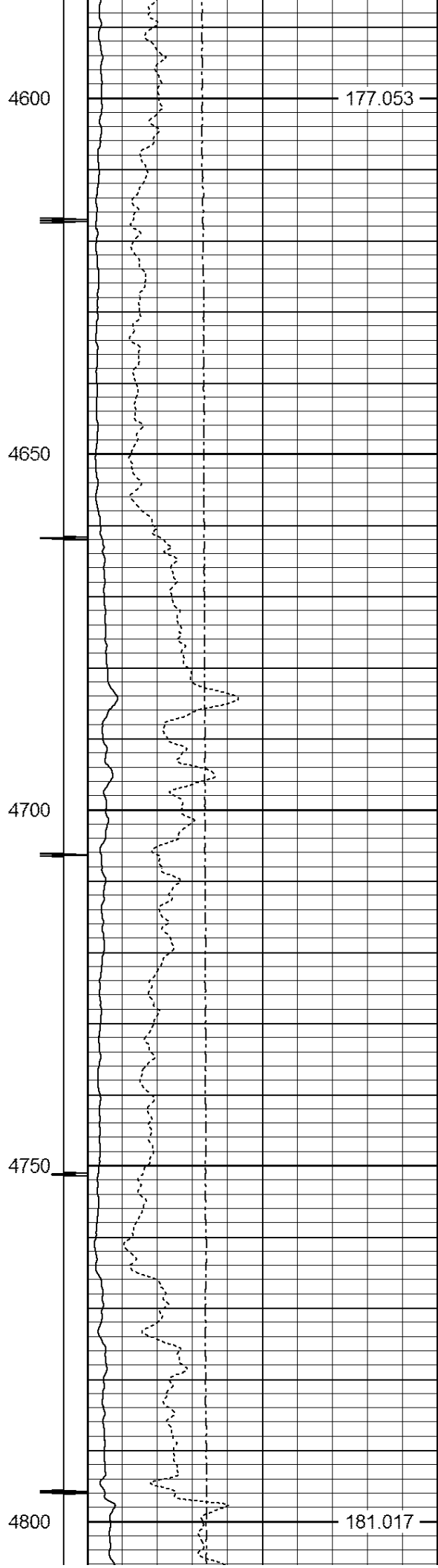
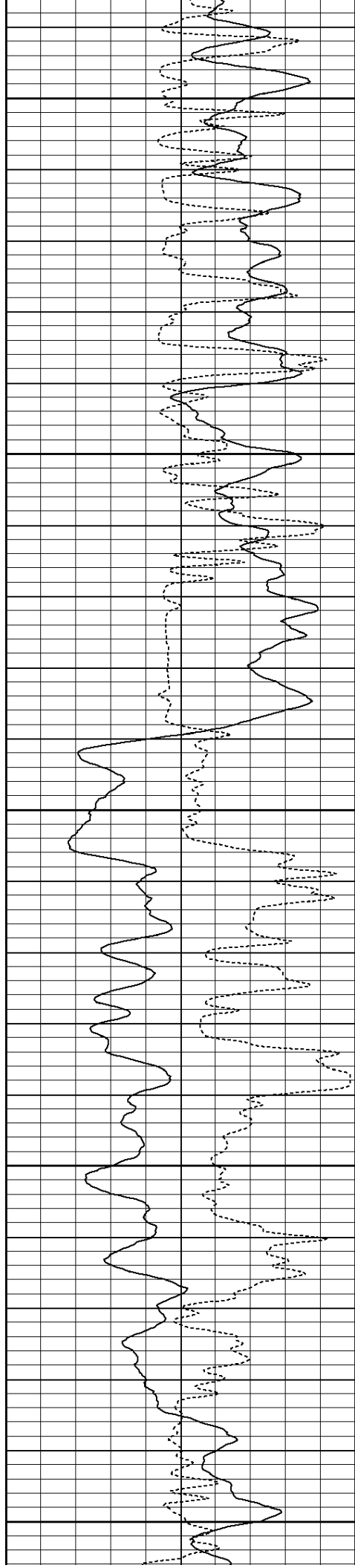
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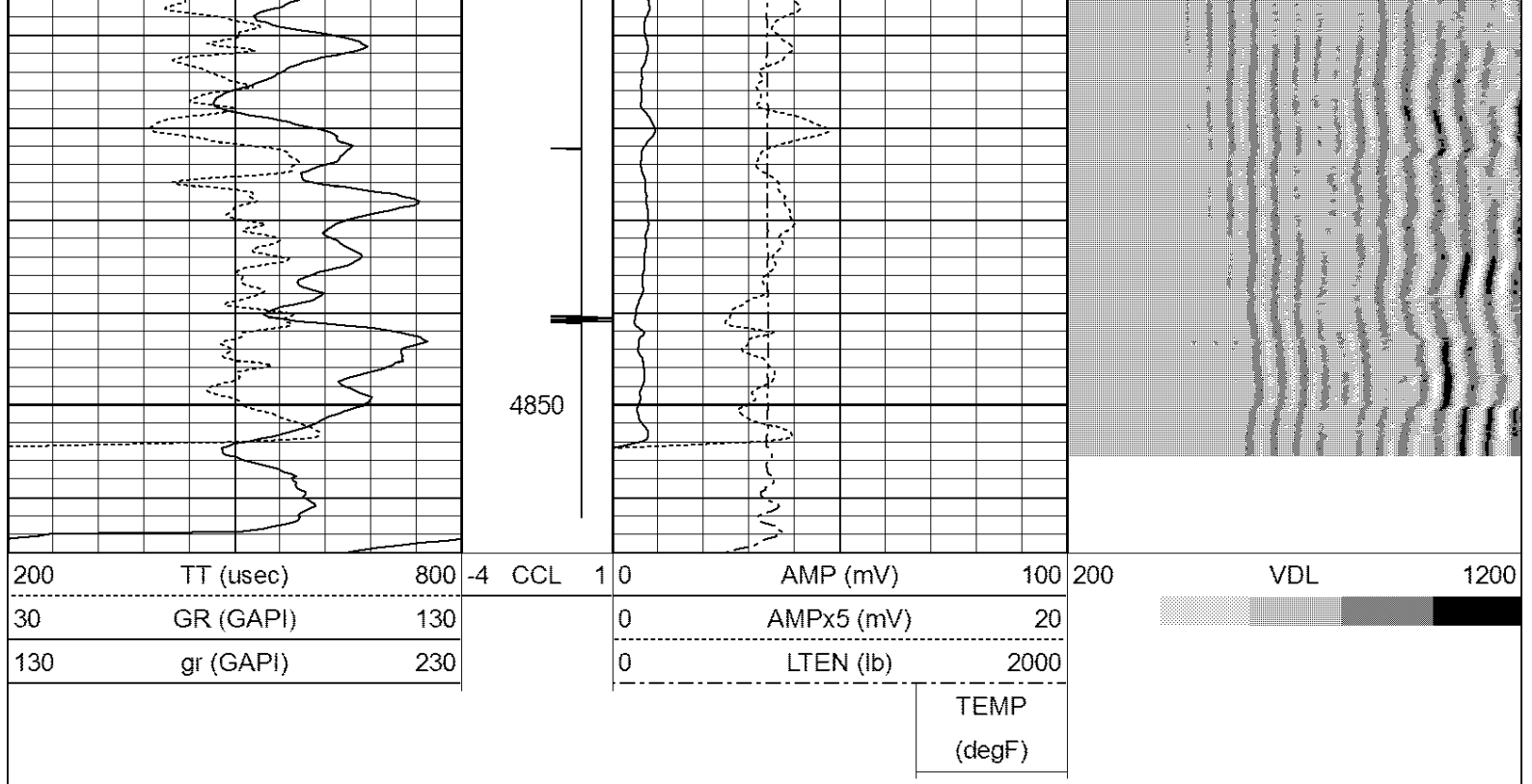




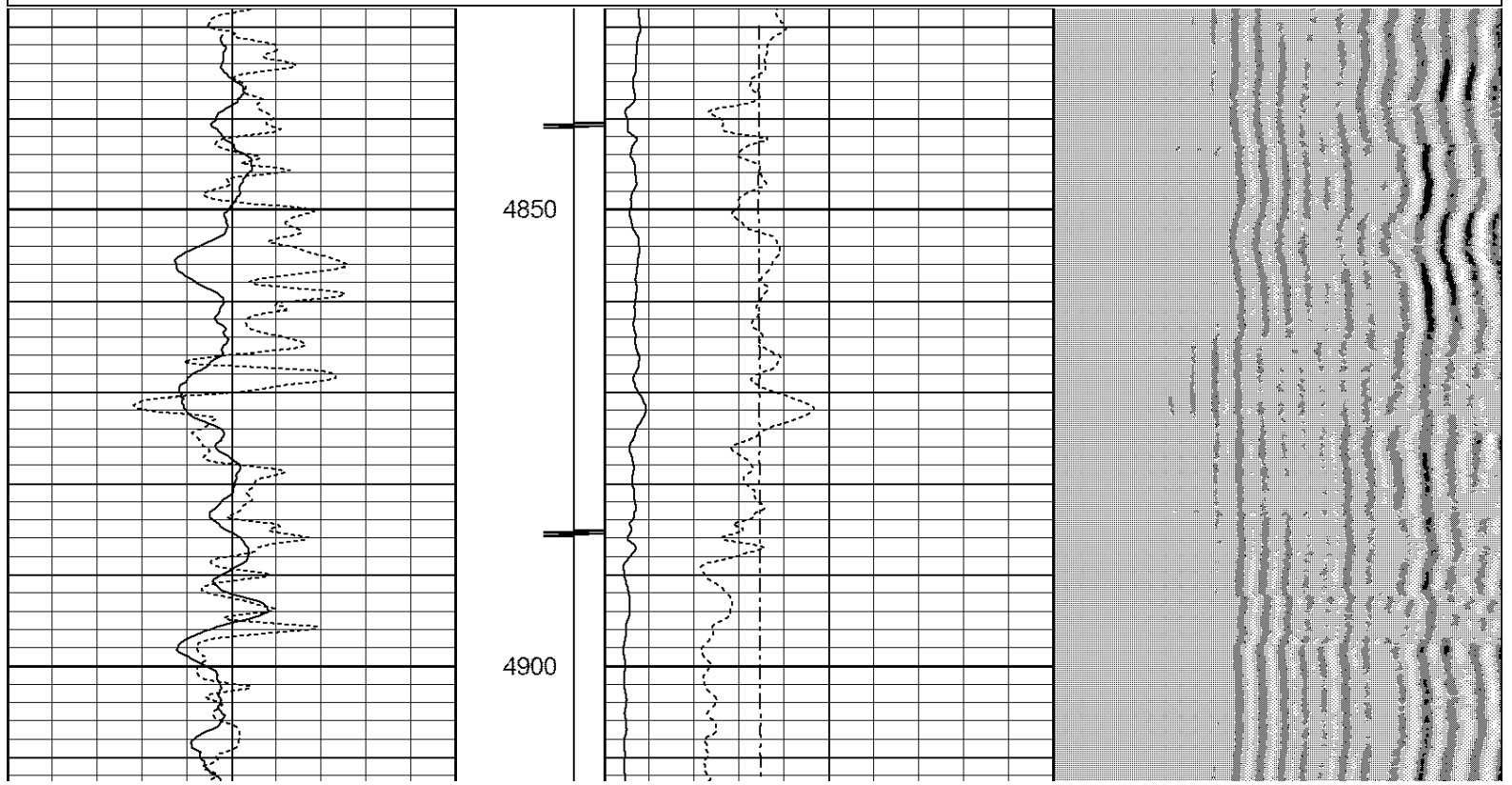
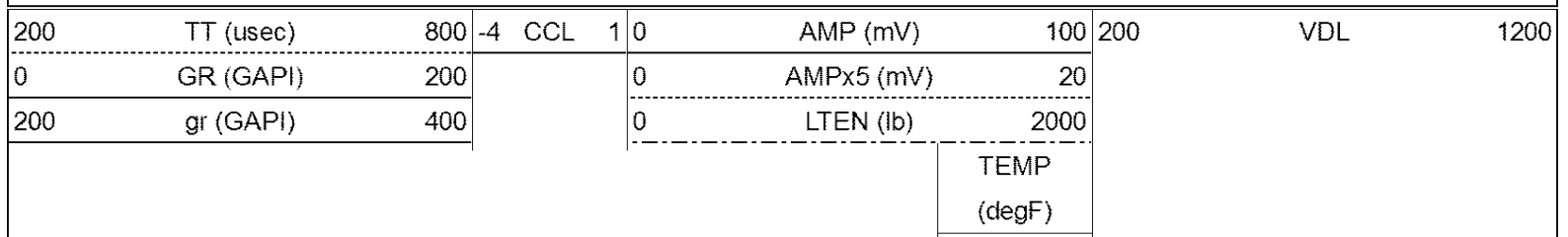


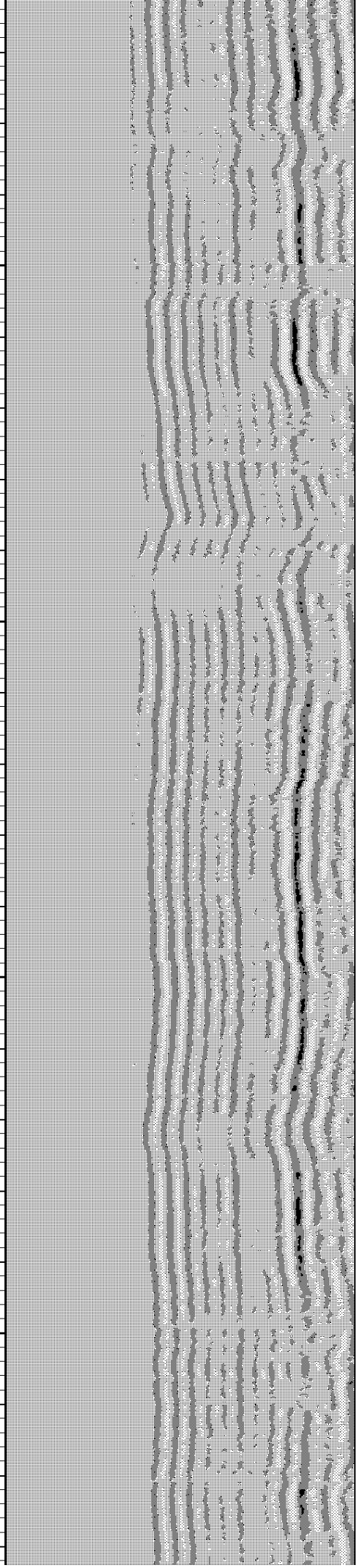
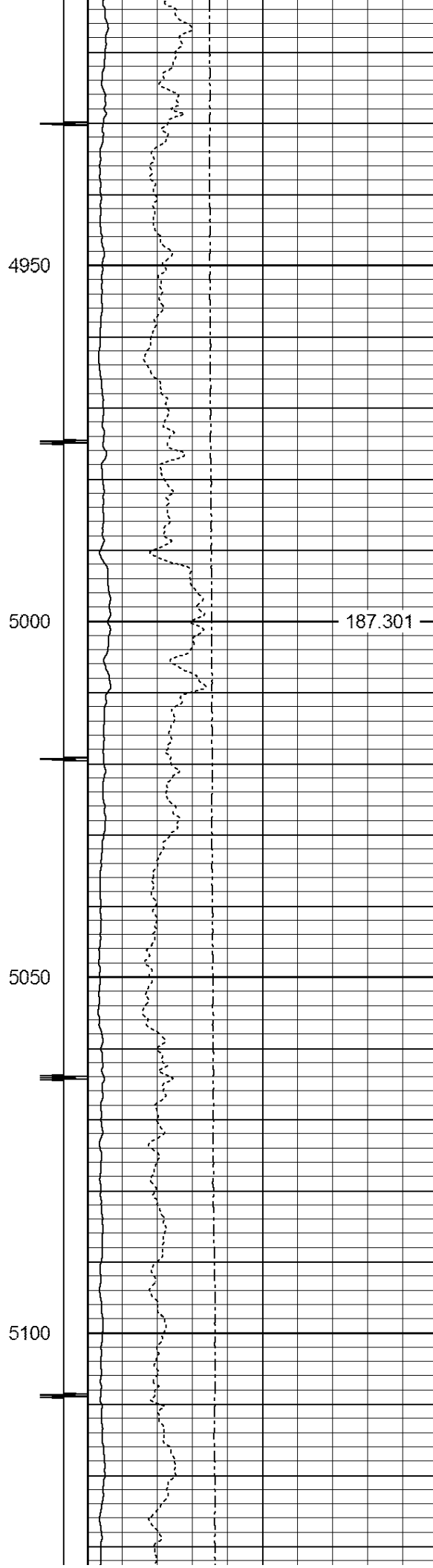
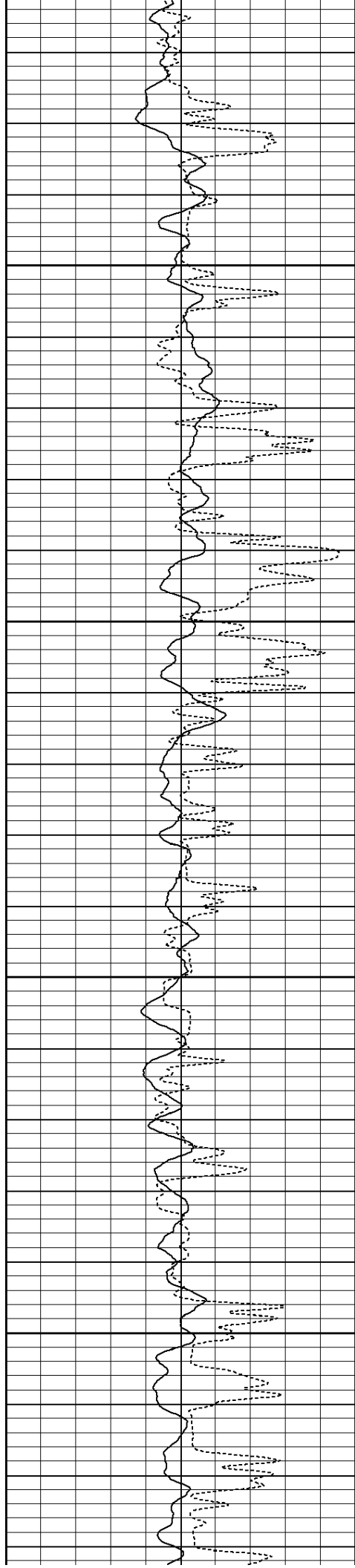


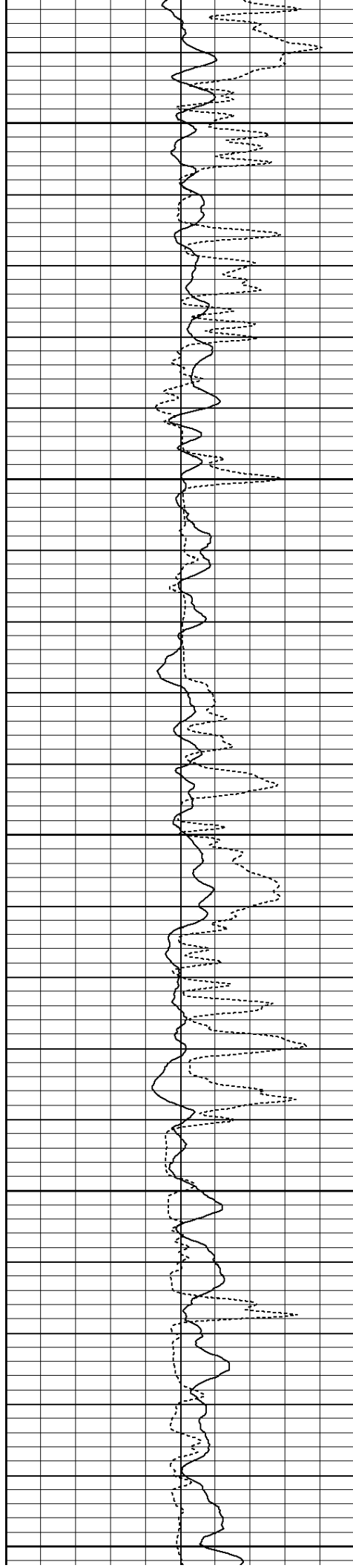




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 Presentation Format: ipsdjbas  
 Dataset Creation: Wed Feb 15 15:24:15 2012 by Calc Std Casedhole 09061  
 Charted by: Depth in Feet scaled 1:240







5150

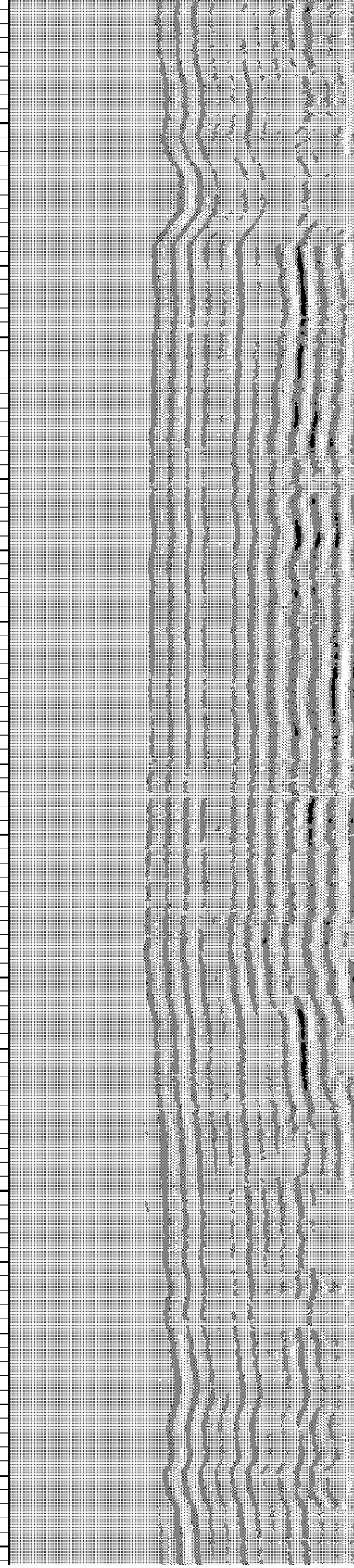
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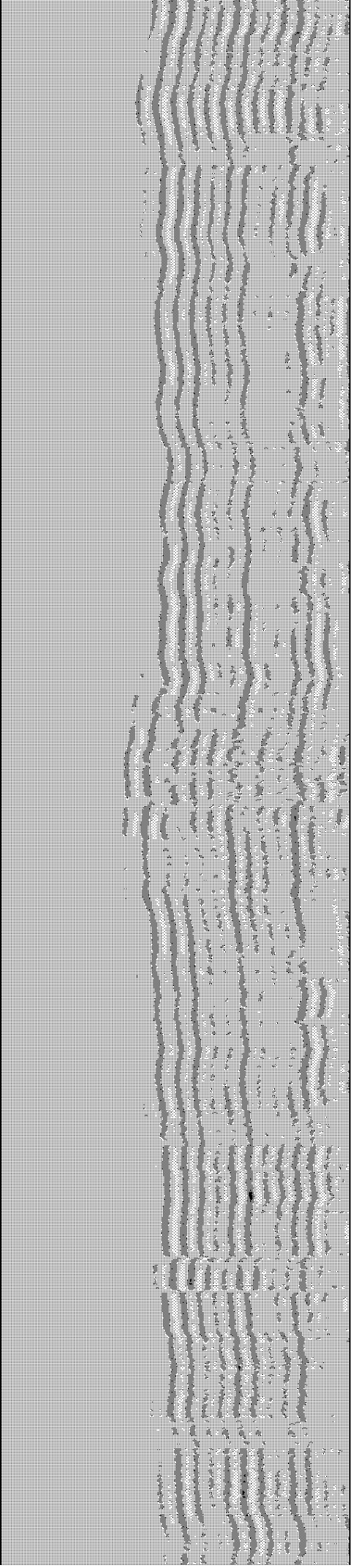
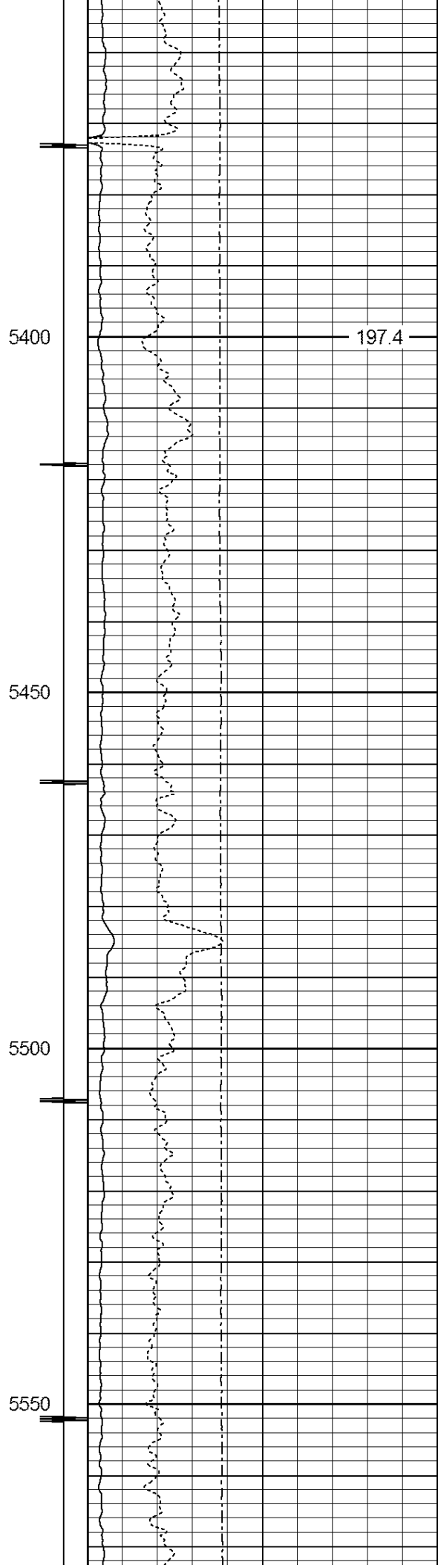
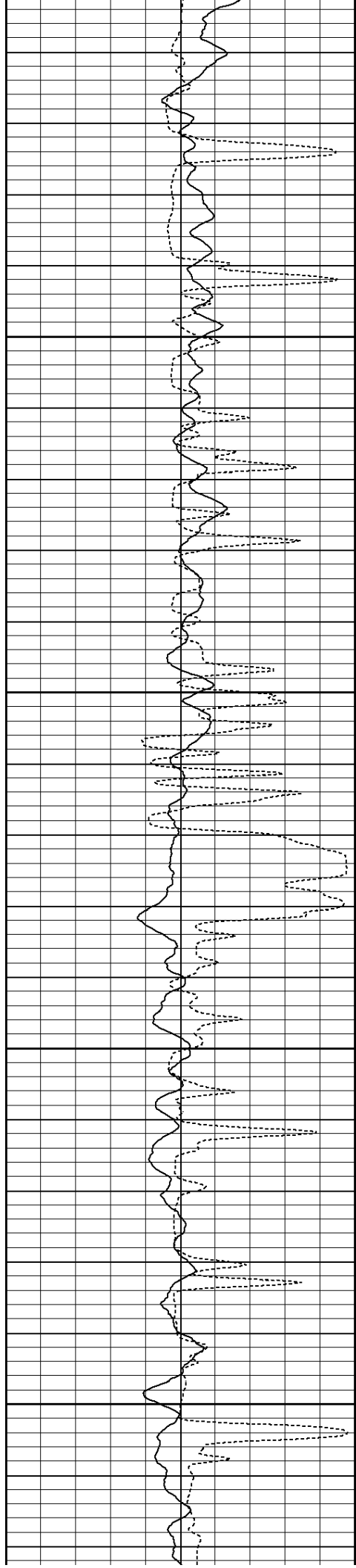
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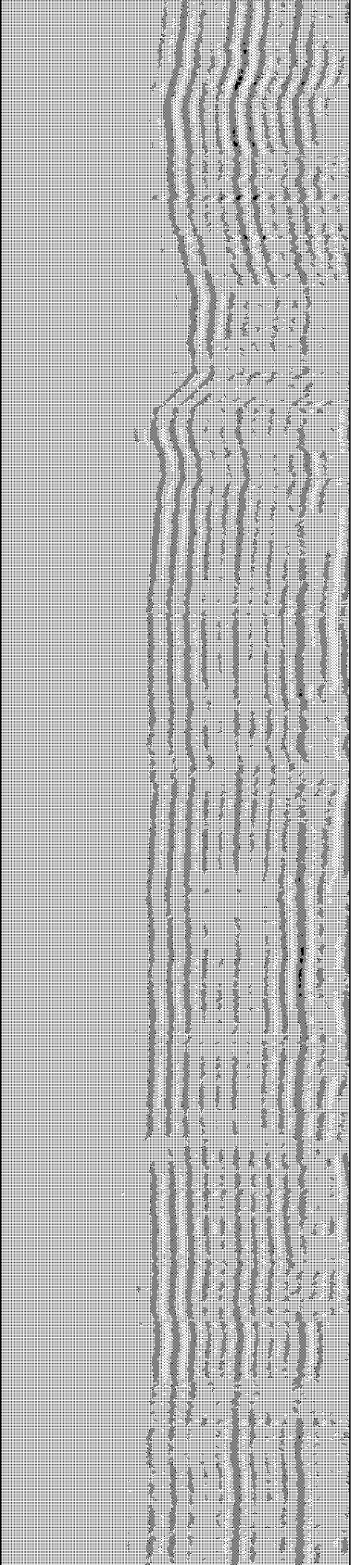
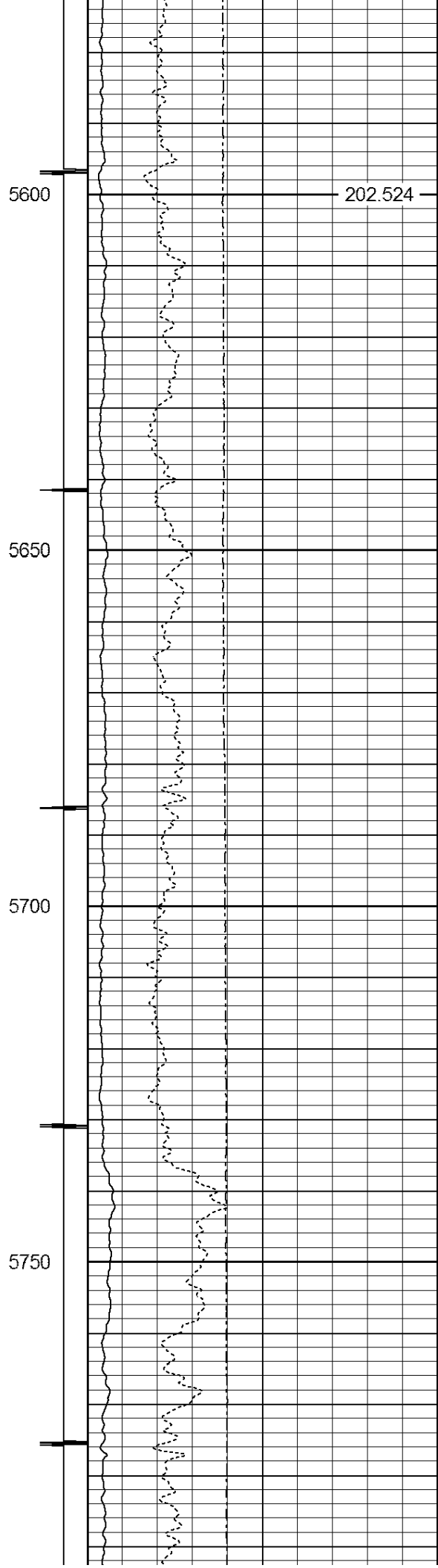
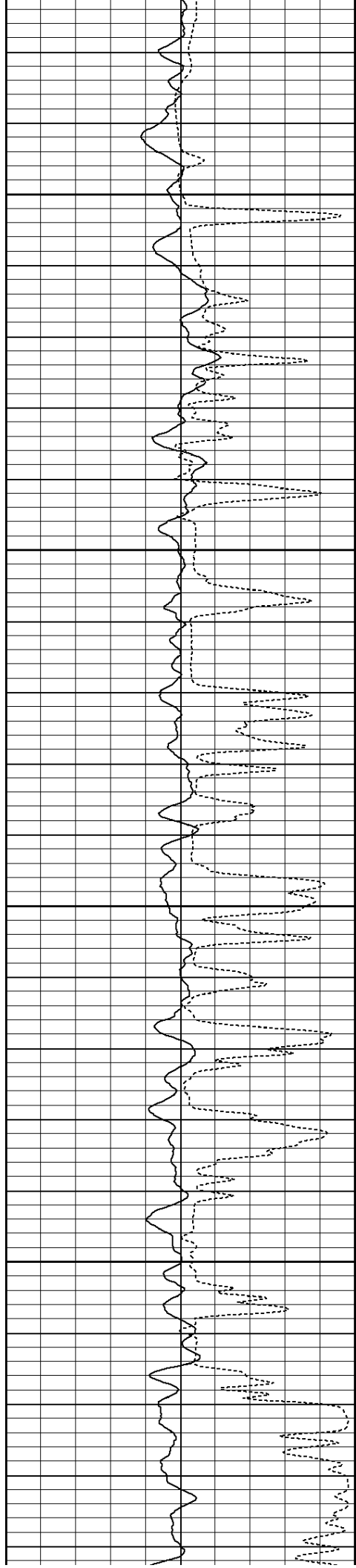
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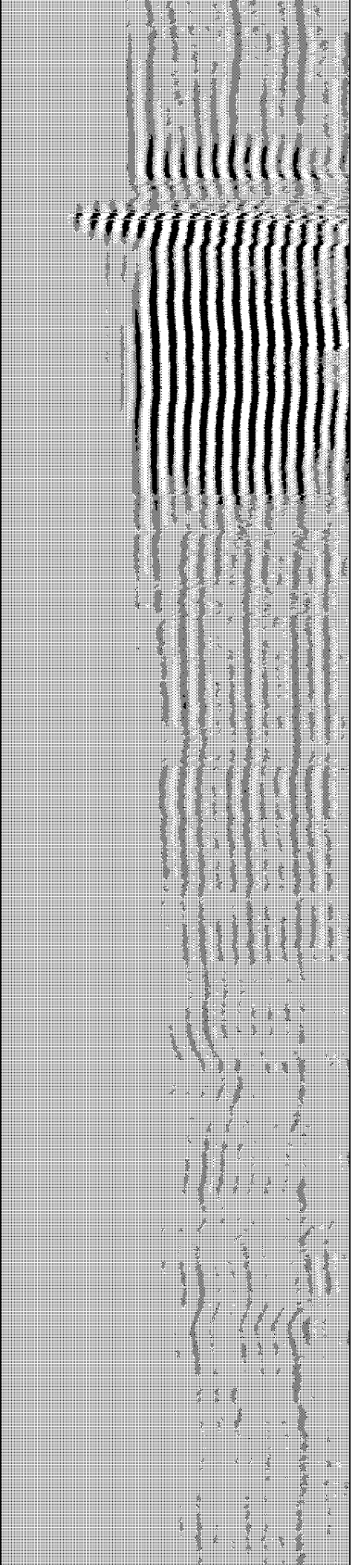
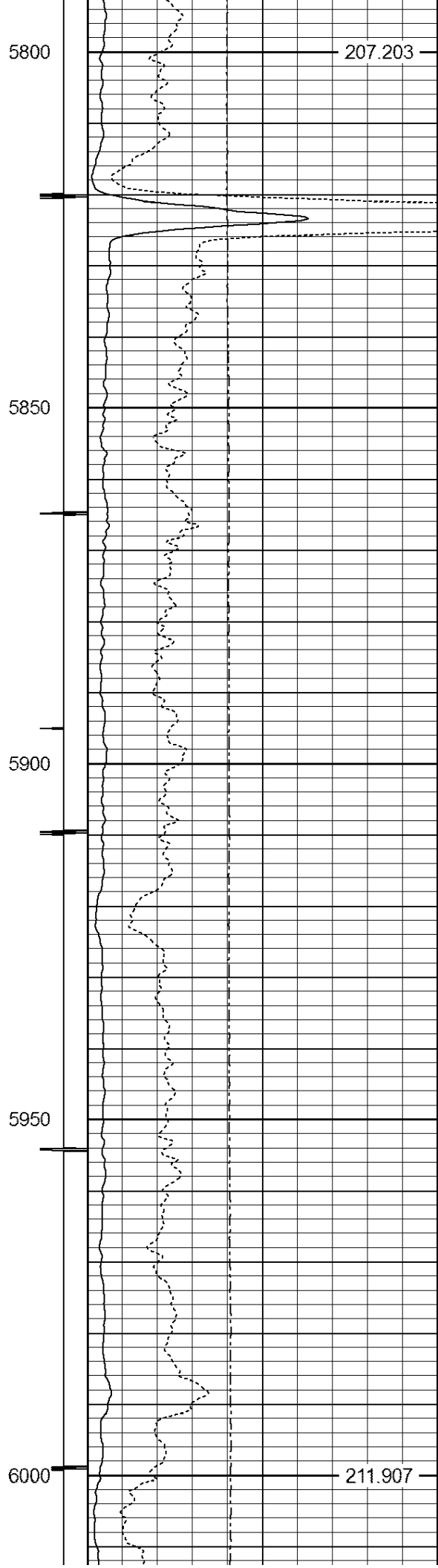
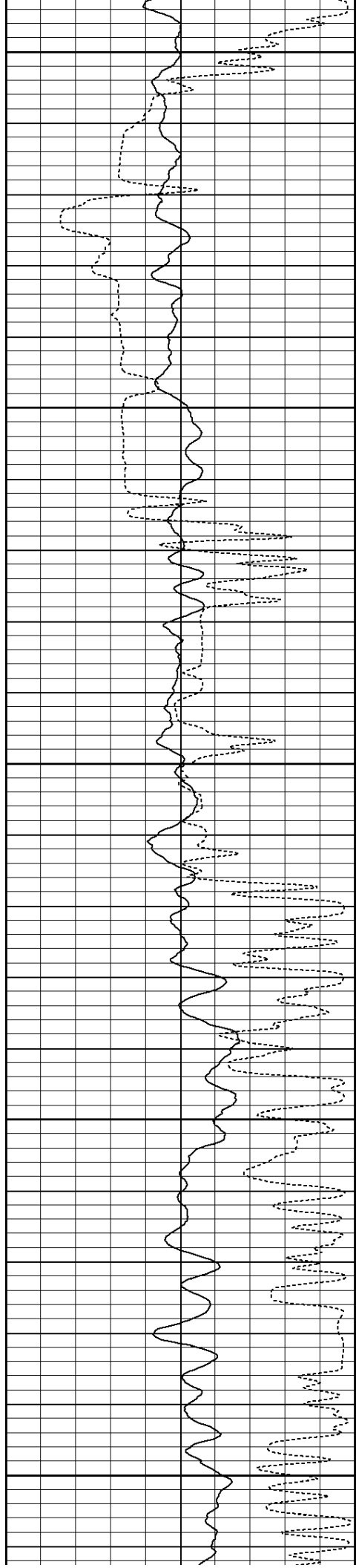


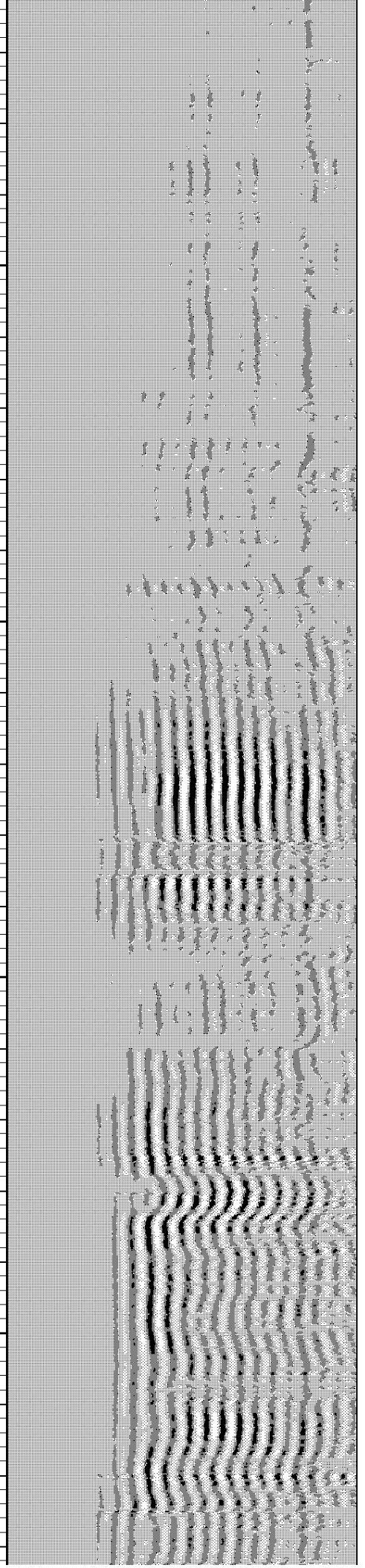
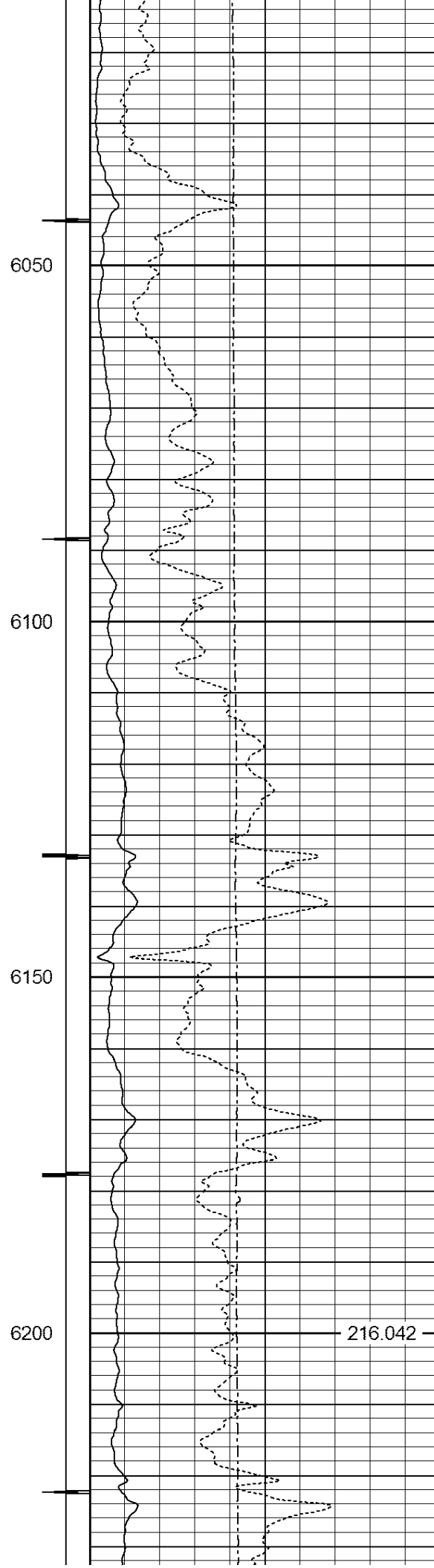
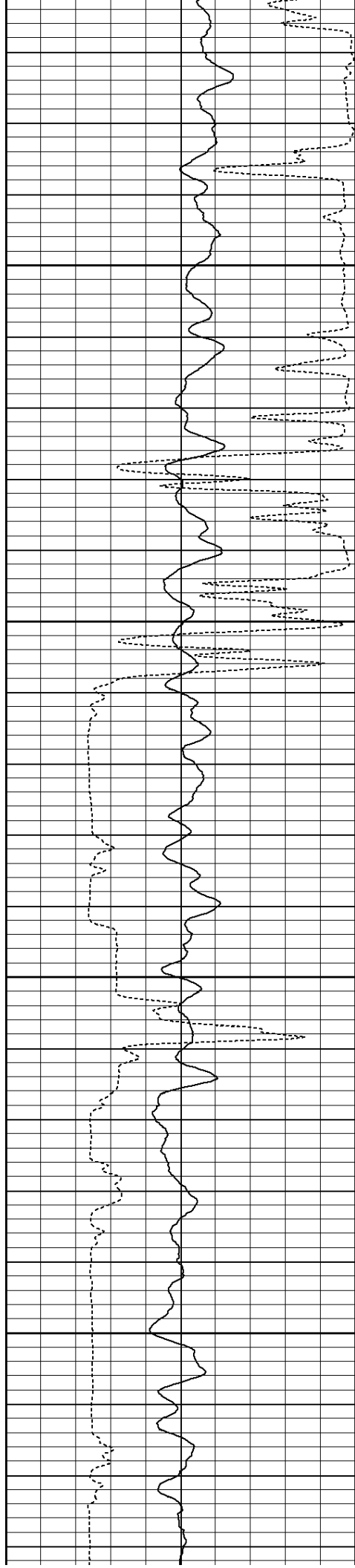


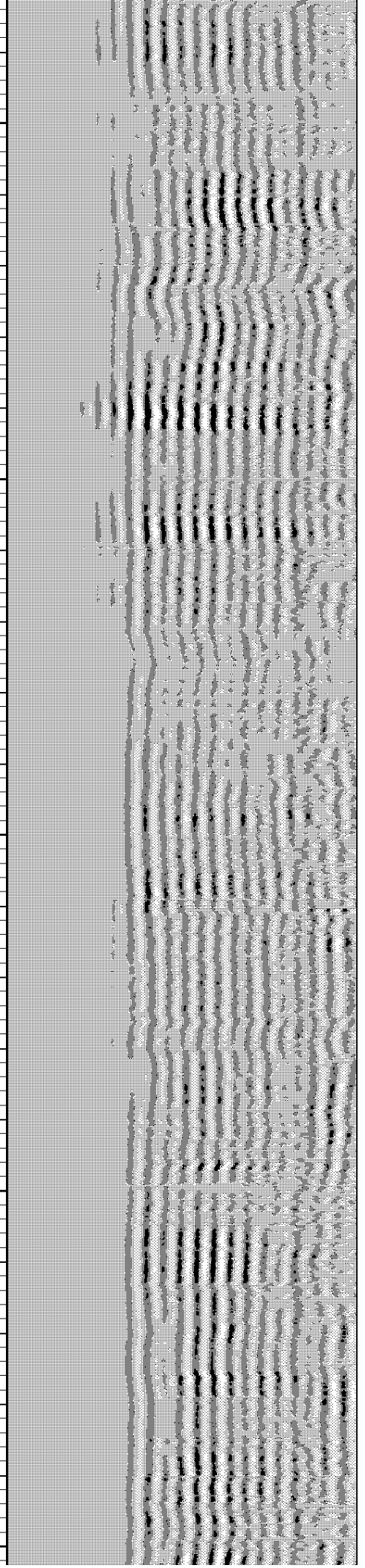
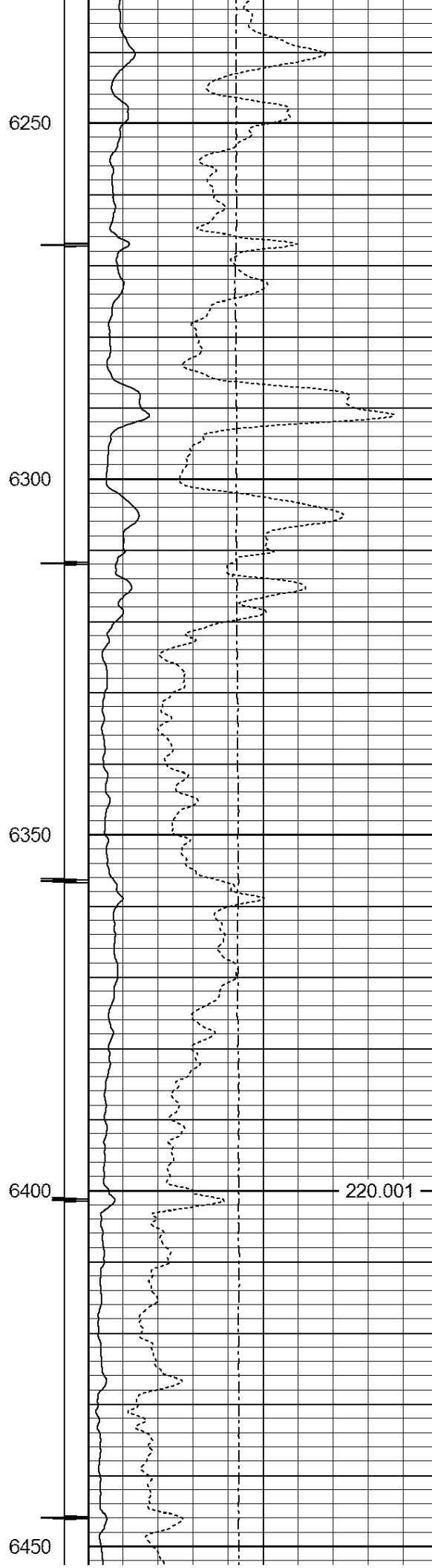
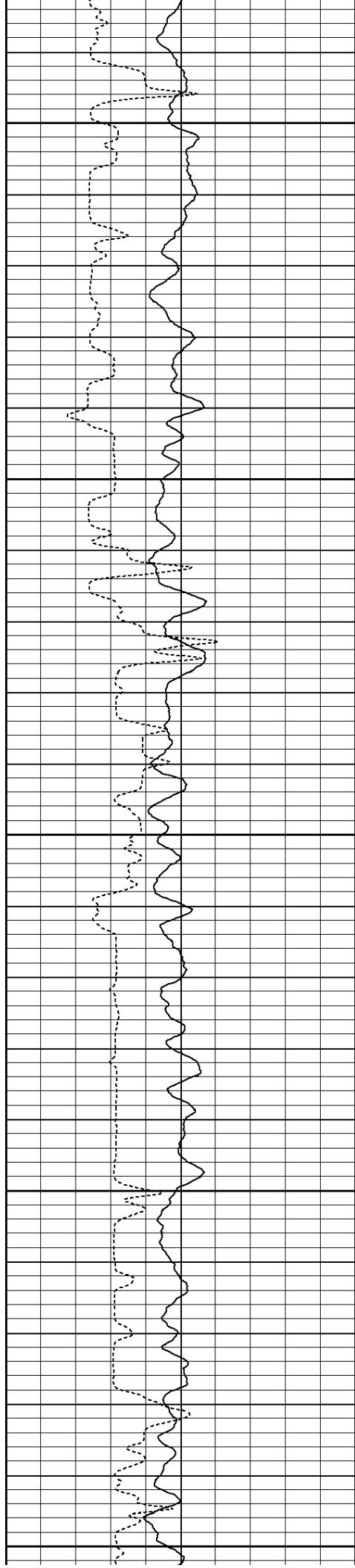


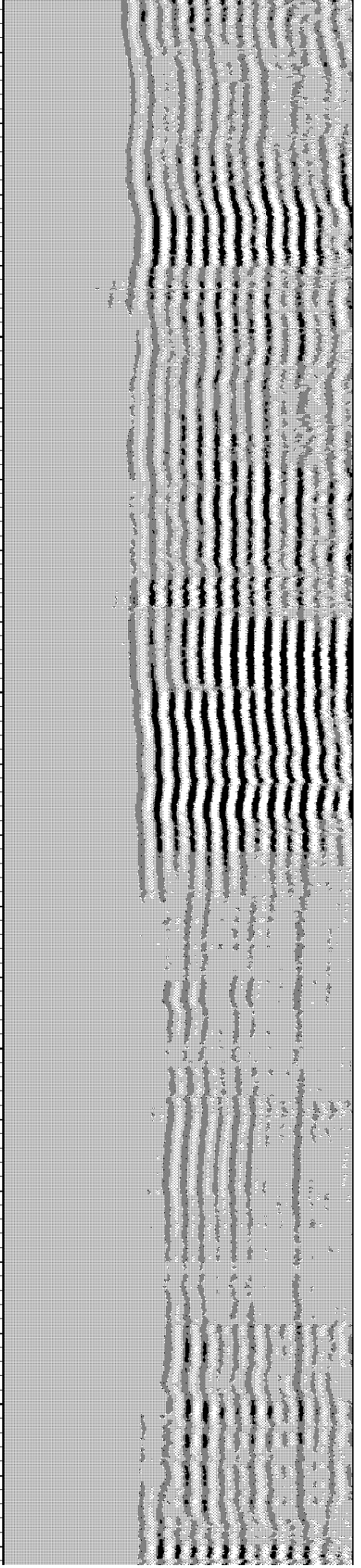
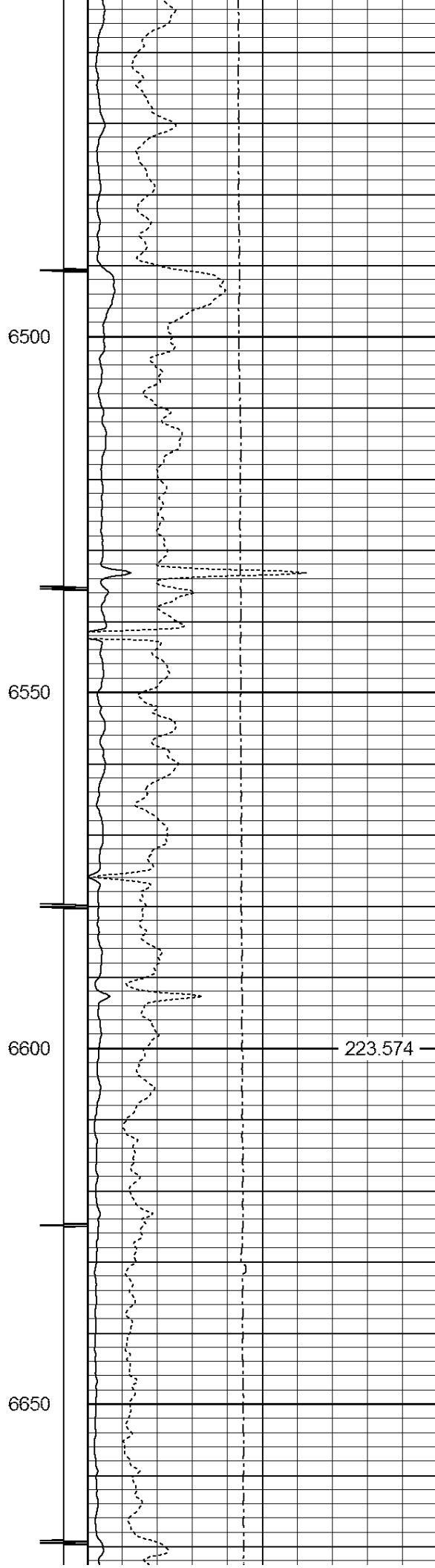
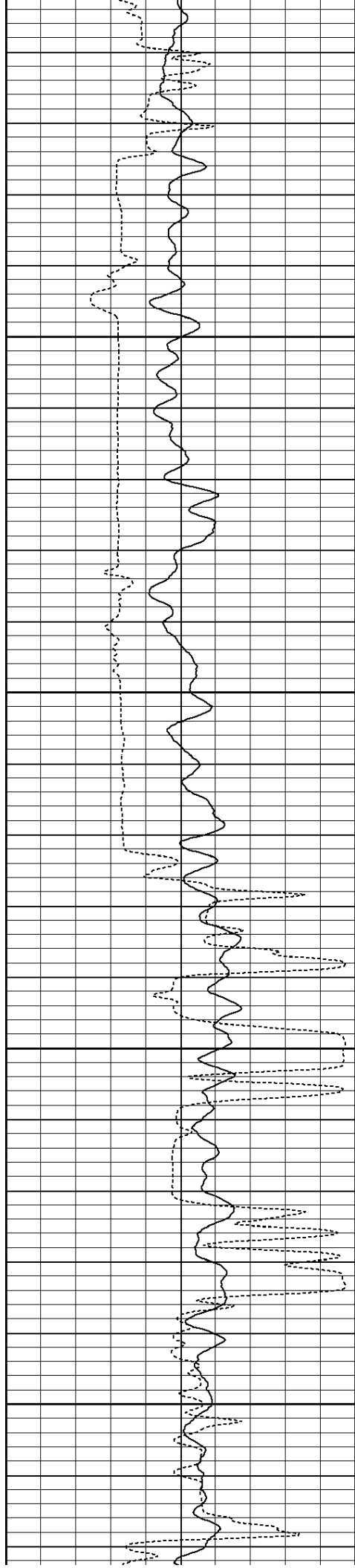


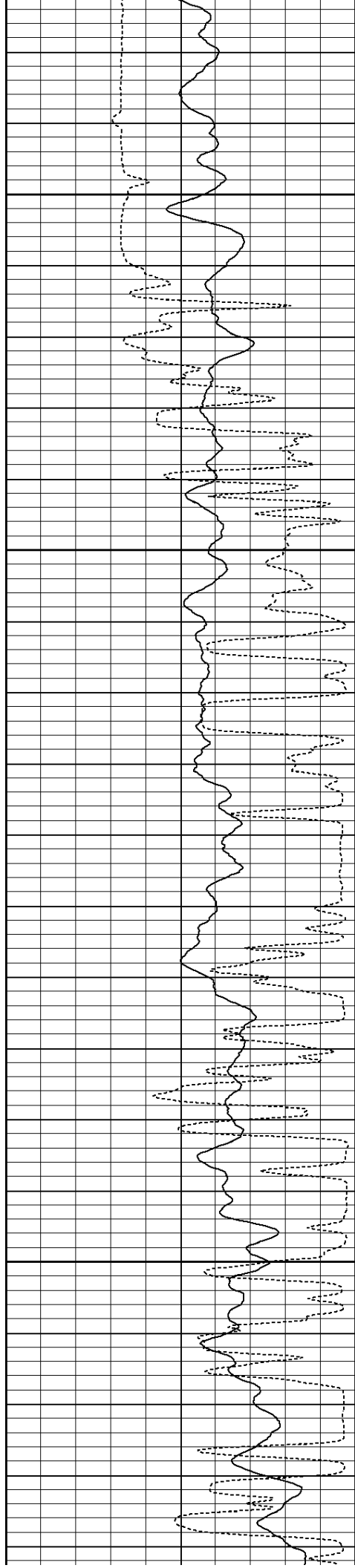










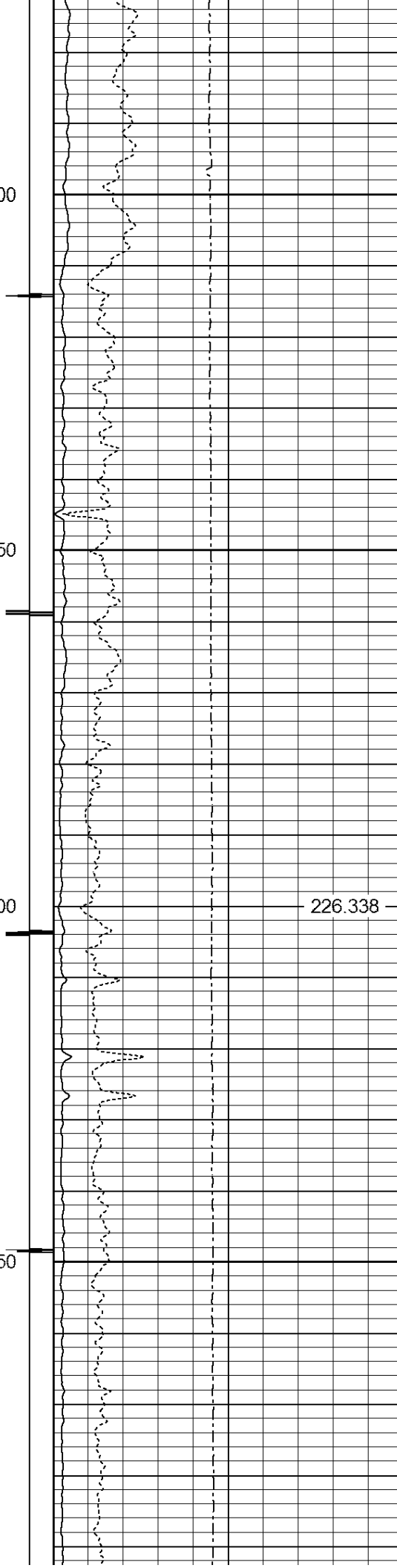


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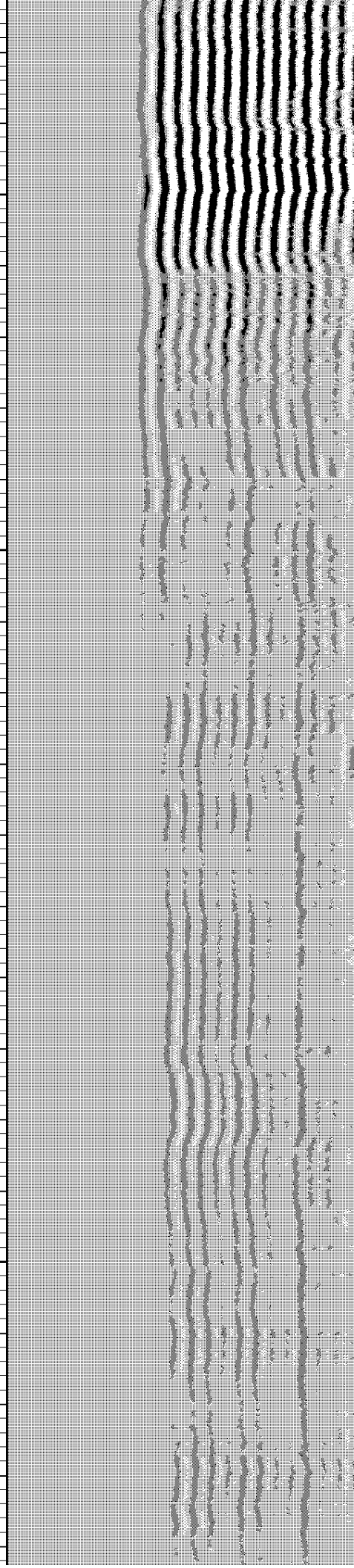
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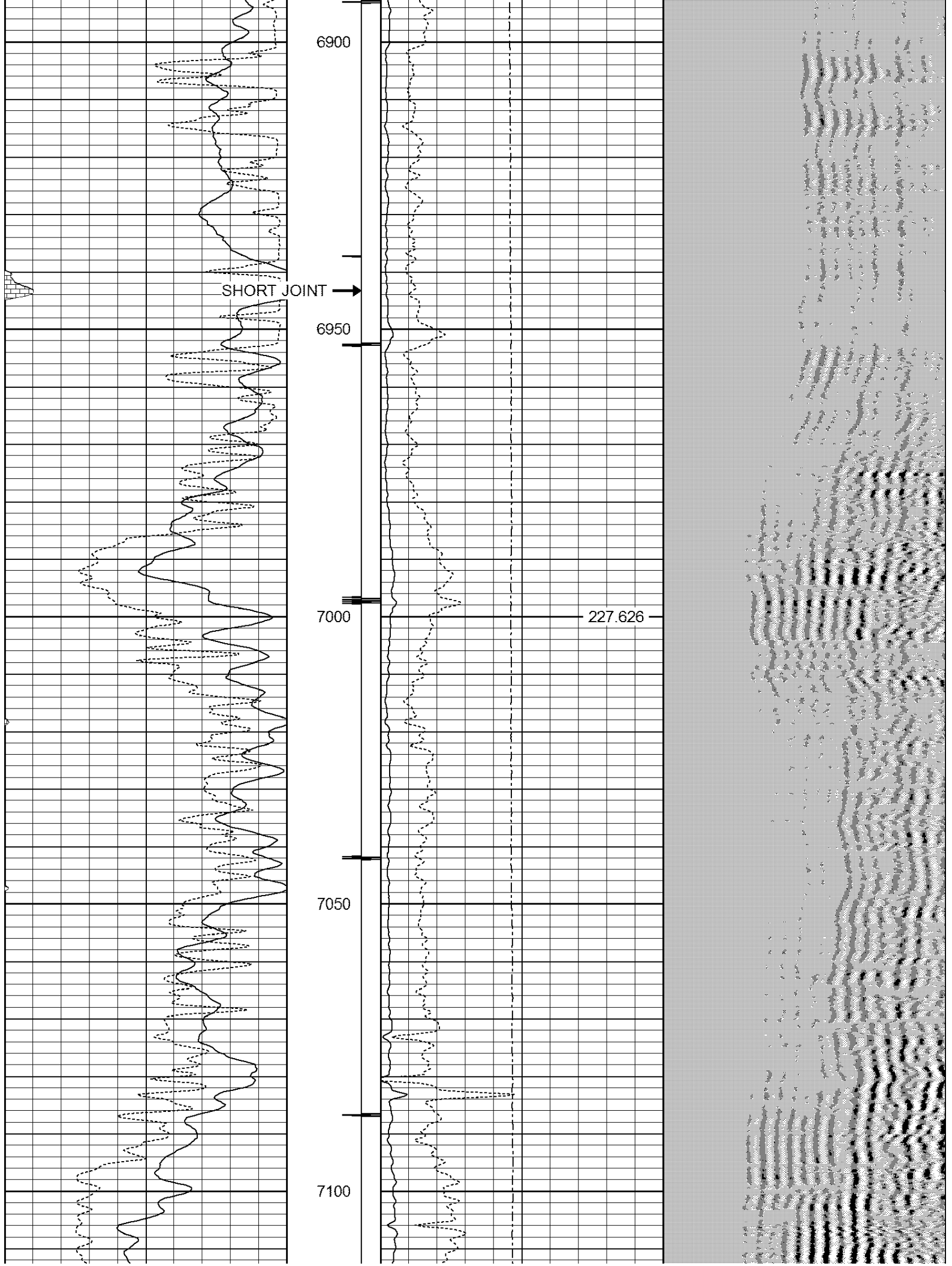
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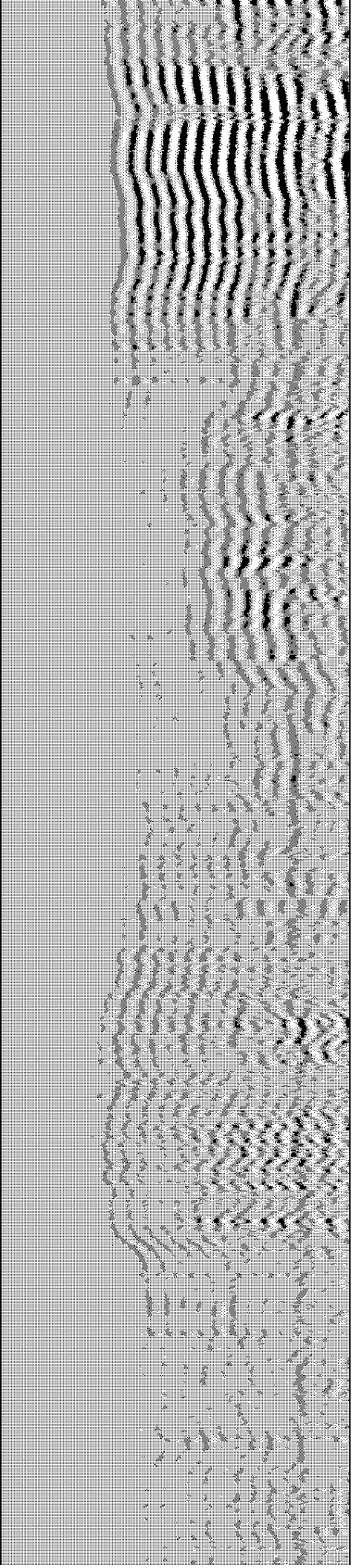
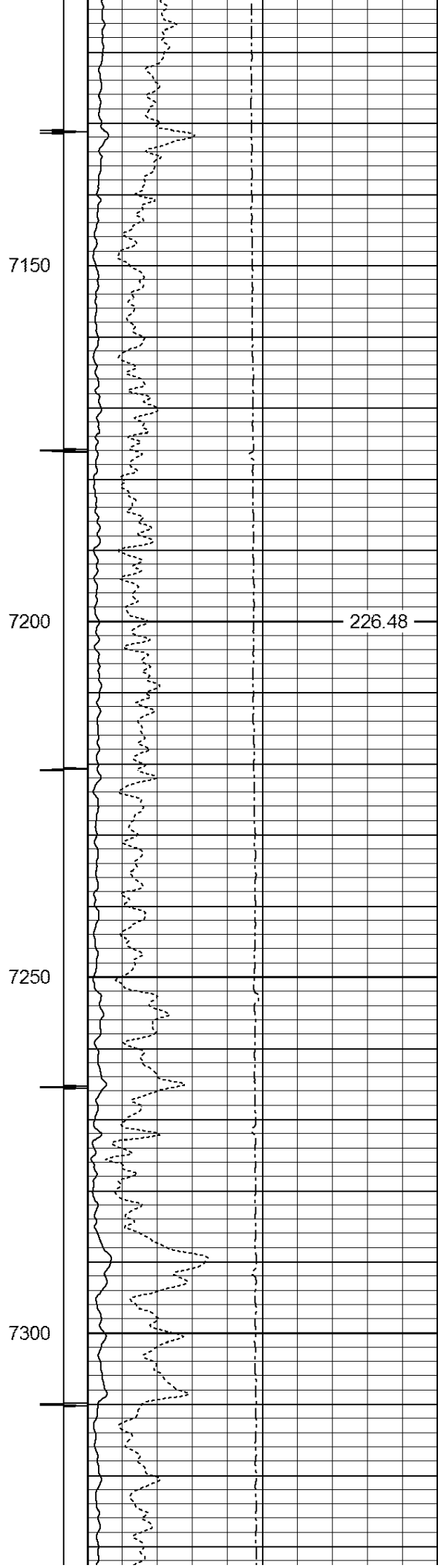
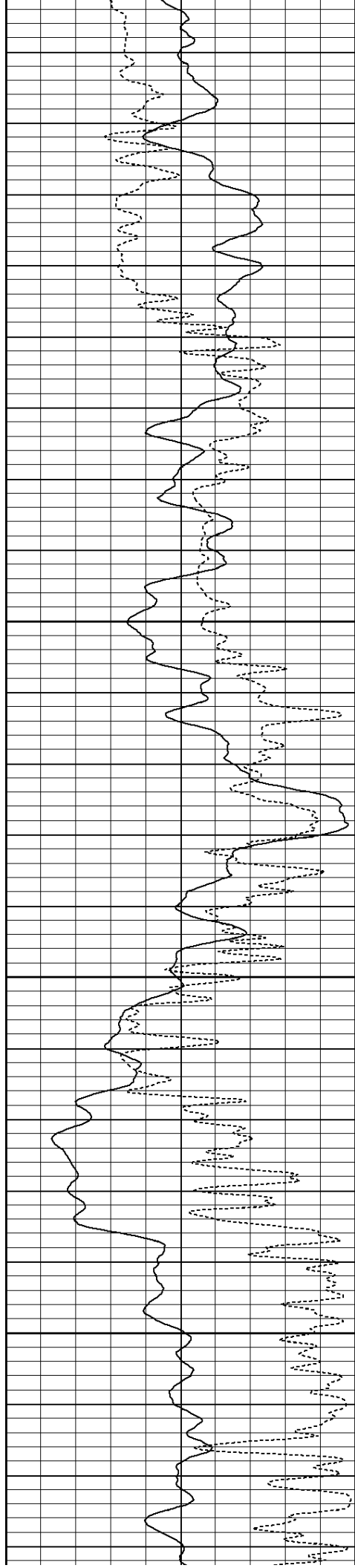


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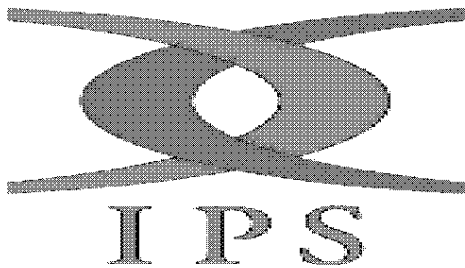
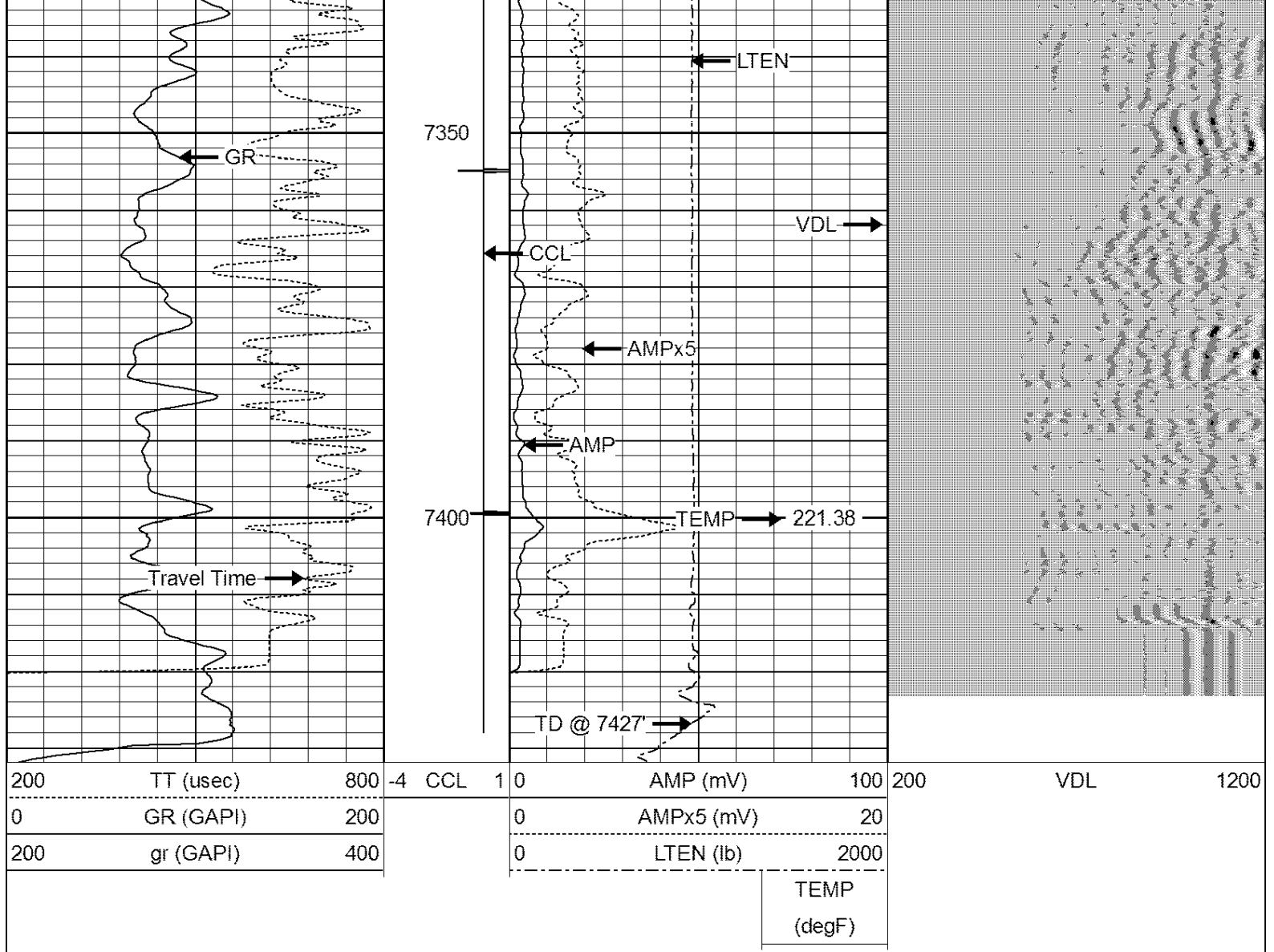












Company PETERSON ENERGY OPERATING INC.  
 Well 392 VENTURES 22AD  
 Field WATTENBERG  
 County WELD  
 State COLORADO