



Cement Bond Log Gamma Ray CCL

Pioneer Energy Services

Company Great Western Oil and Gas
Well Bruegman South EG 34-021 HN
Field Wattenberg
County Weld State Colorado

Location: API # : 05-123-3884-00

Other Services

SEC 34 TWP 7N RGE 64W

Elevation

Permanent Datum Ground Level Elevation 4848'
Log Measured From Kelly Bushing
Drilling Measured From Ikelly Bushing

K.B. 4866.2'
D.F. 4865.2'
G.L. 4848'

Date 6/5/2014

Run Number	ONE		
Depth Driller	N/A		
Depth Logger	6400'		
Bottom Logged Interval	6400'		
Top Log Interval	SURFACE		
Open Hole Size	N/A		
Type Fluid	WATER		
Density / Viscosity	N/A		
Max. Recorded Temp.	N/A		
Estimated Cement Top	N/A		
Time Well Ready	23:00		
Time Logger on Bottom	24:30		
Equipment Number	75		
Location	Ft Morgan		
Recorded By	Cory Burns		
Witnessed By	Daugherty		

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9 5/8"	36#	surface	
Prot. String	7"	26#		
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.

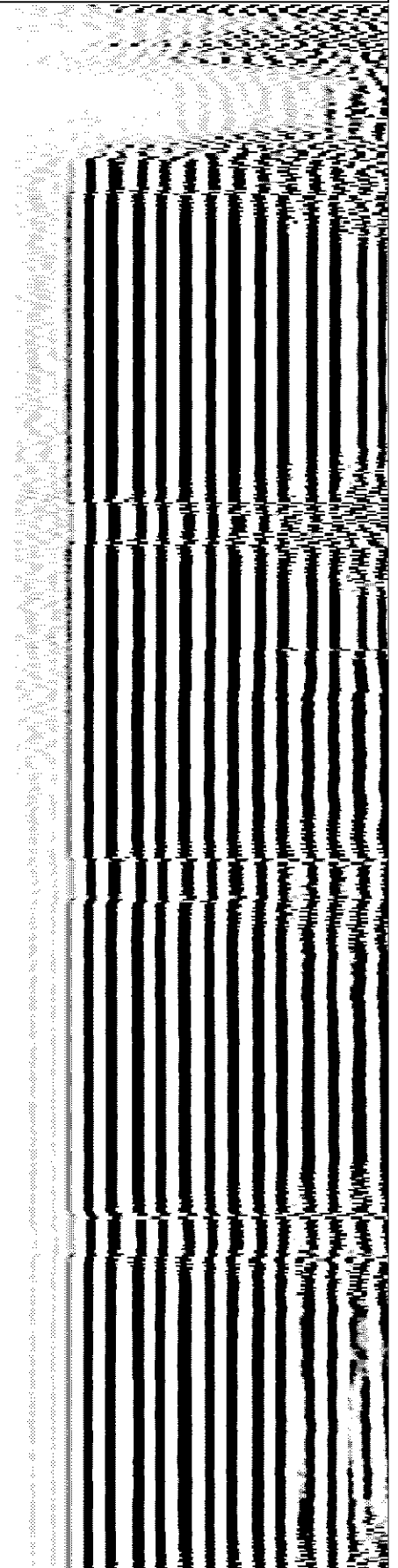
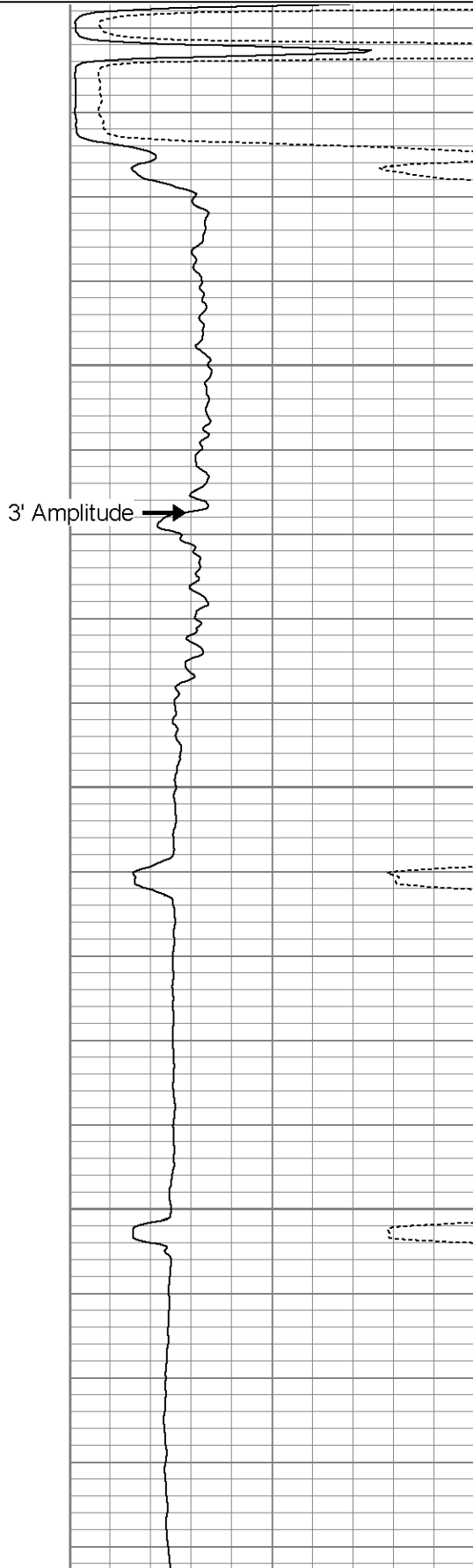
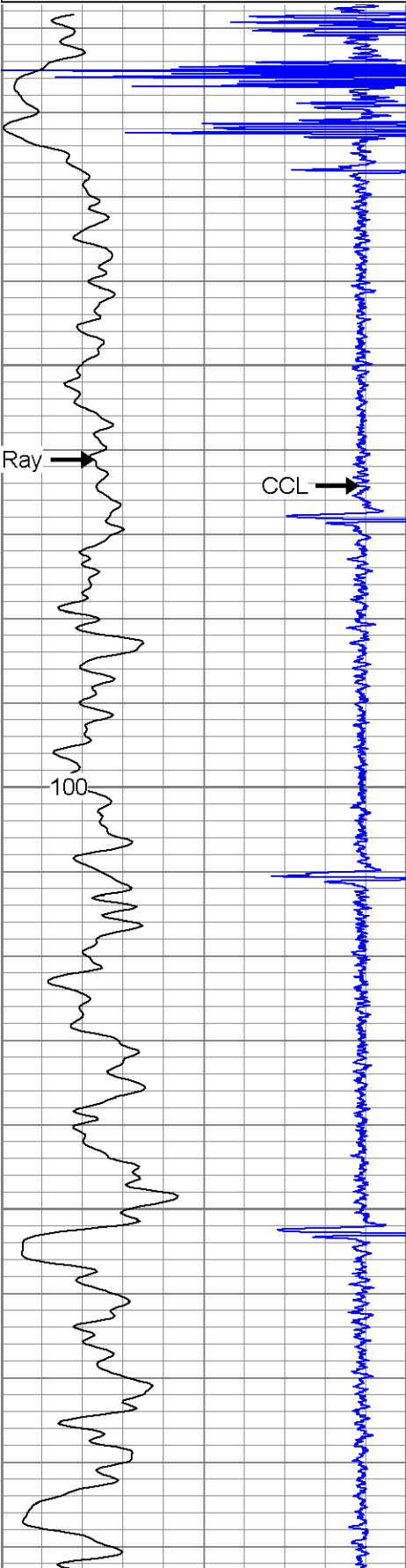
Comments

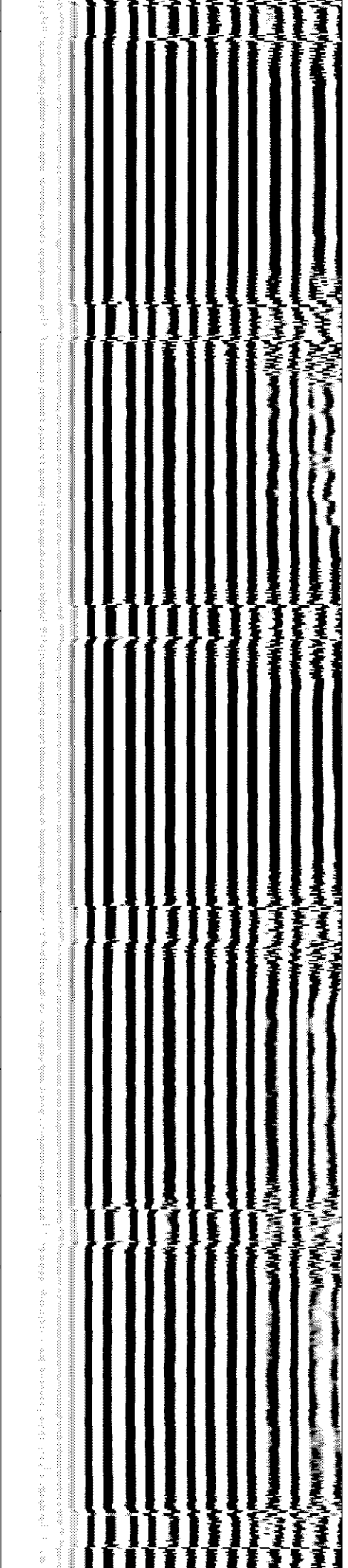
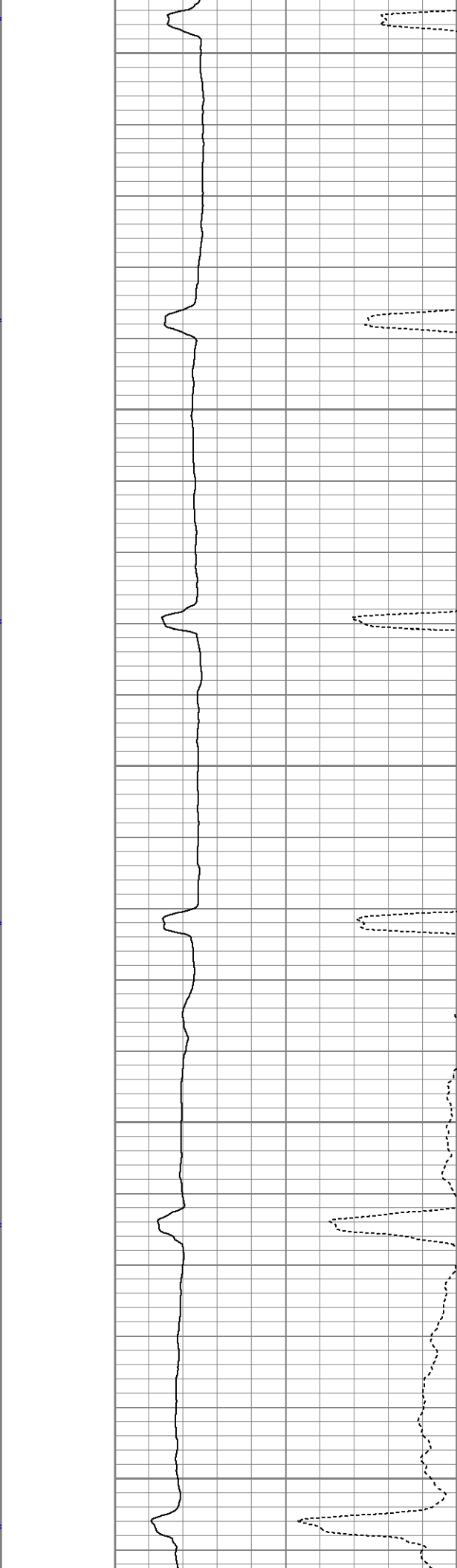
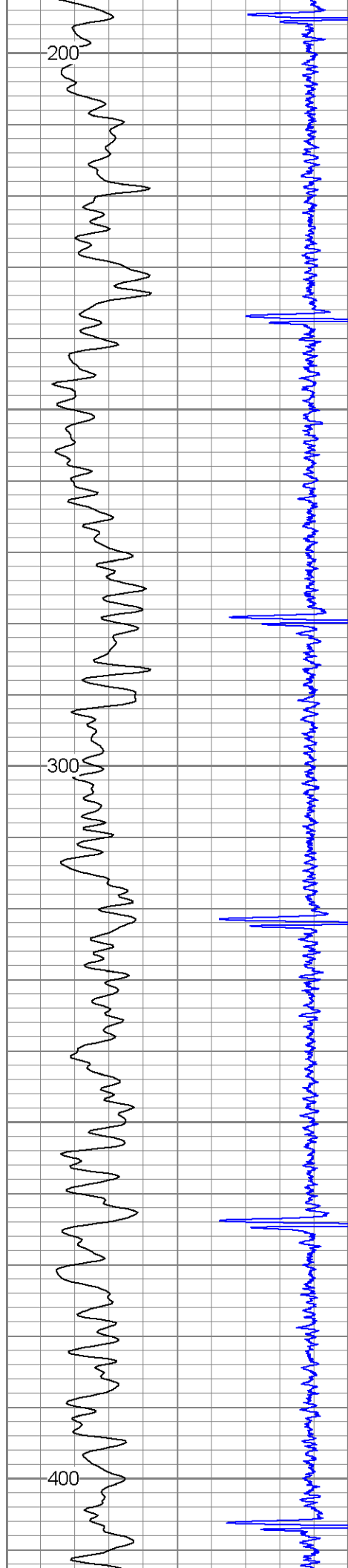
Database File: bruegmansoutheg34-021hn.db
Dataset Pathname: pass10
Presentation Format: scbl02
Dataset Creation: Thu Jun 05 00:39:40 2014 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

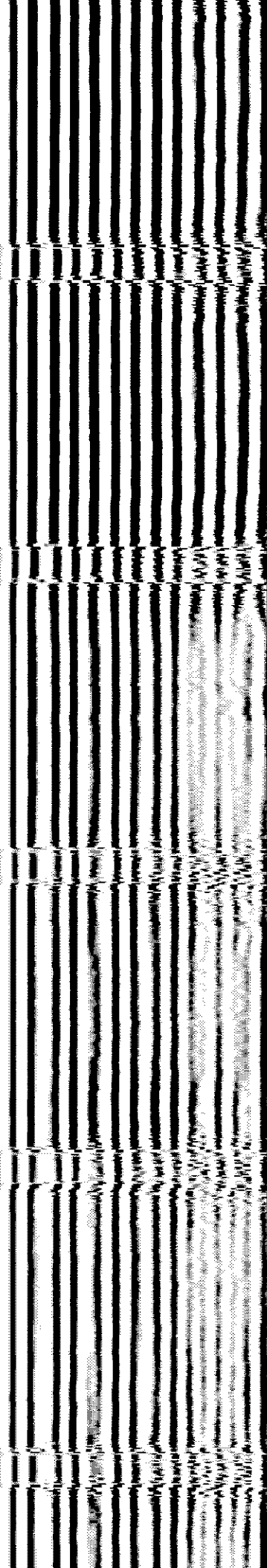
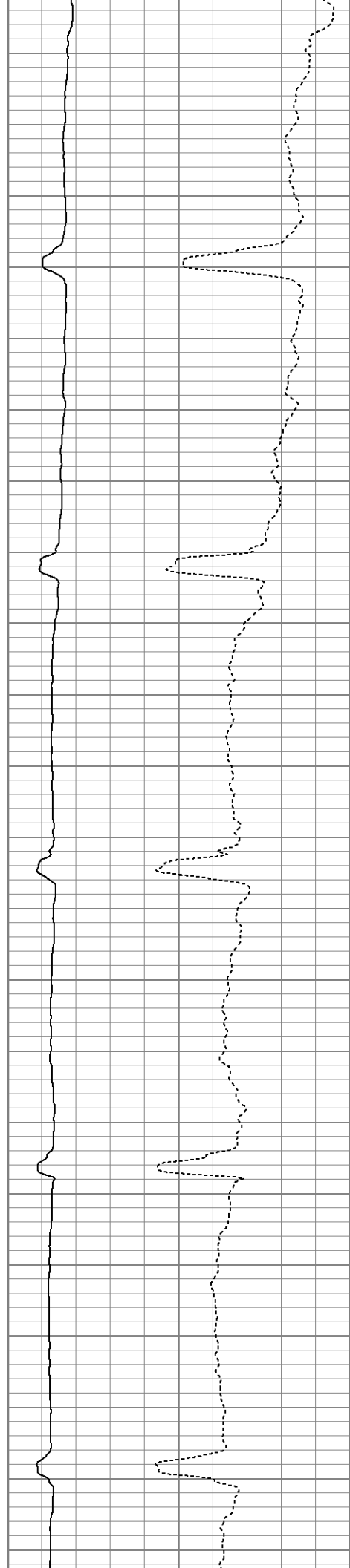
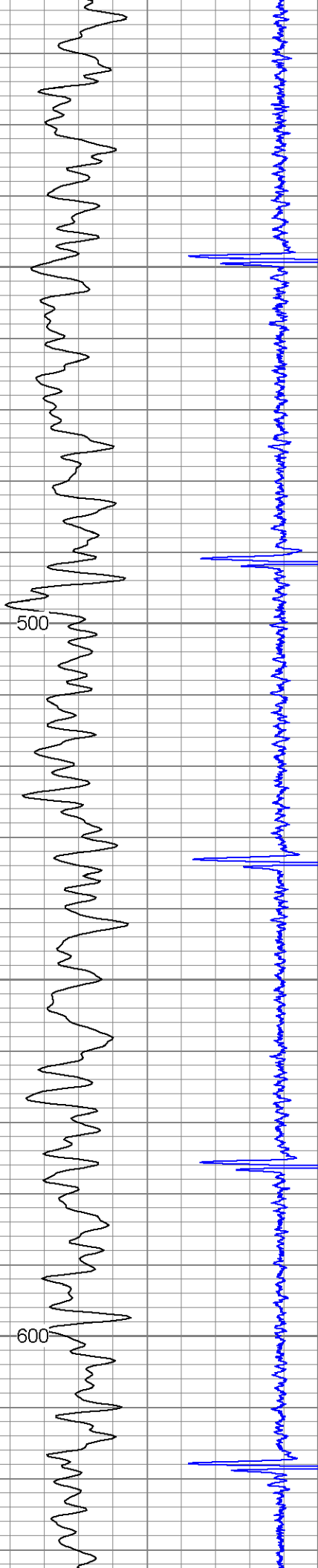
-9	CCL	1
0	Gamma Ray (GAPI)	200

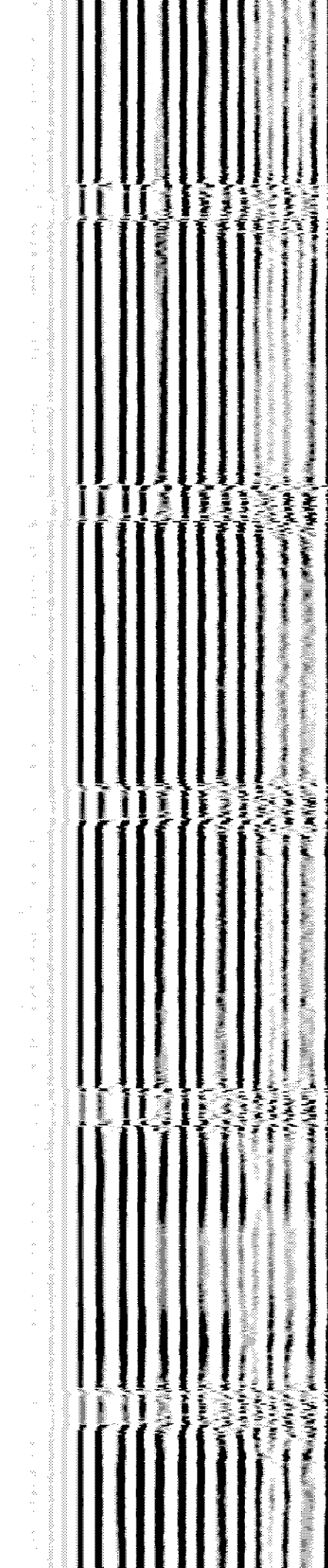
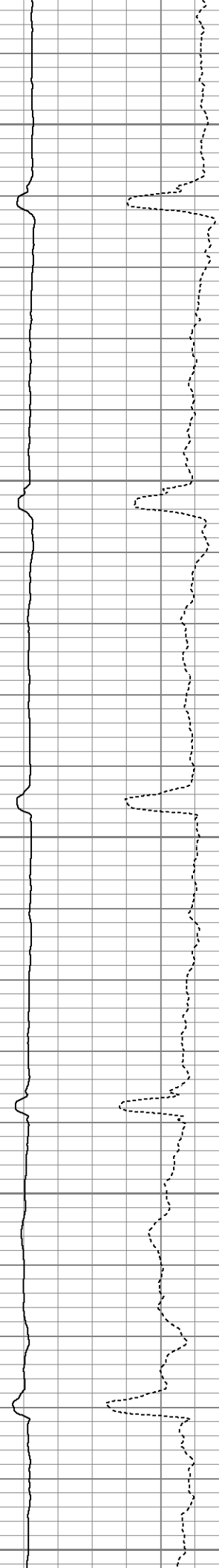
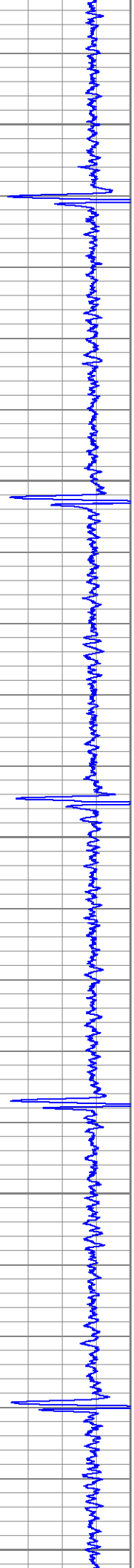
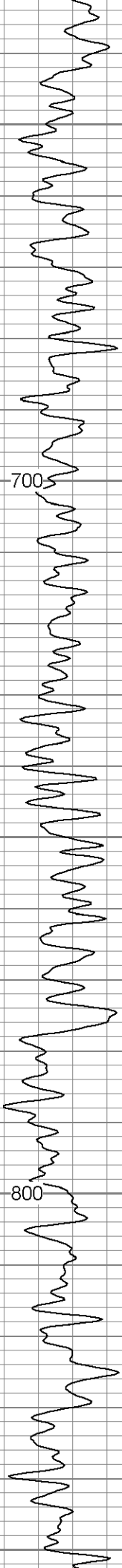
0	3' Amplitude (mV)	100
0	AMPx5 (mV)	20

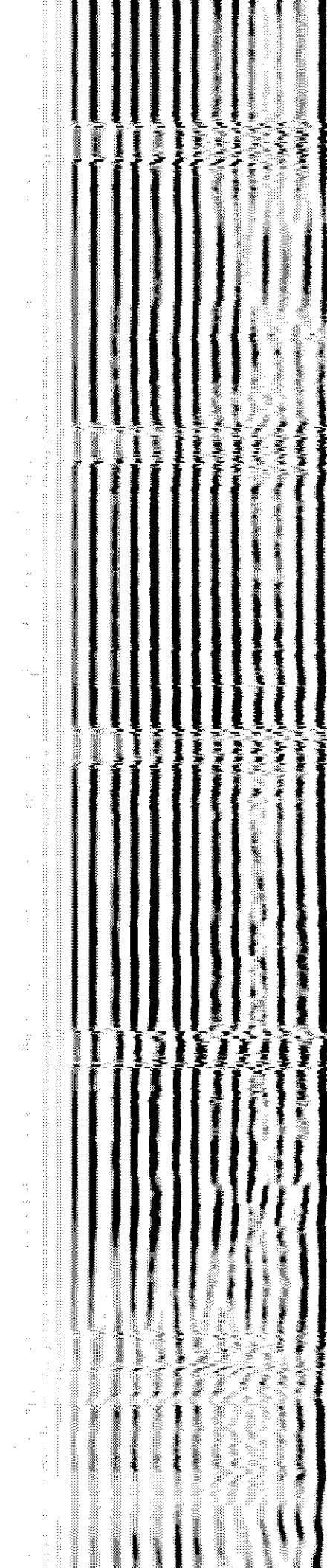
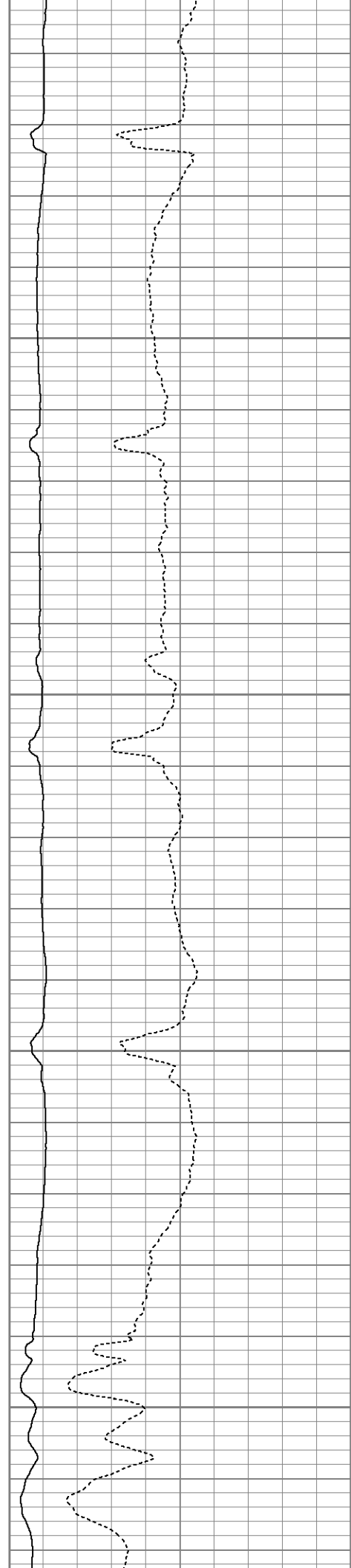
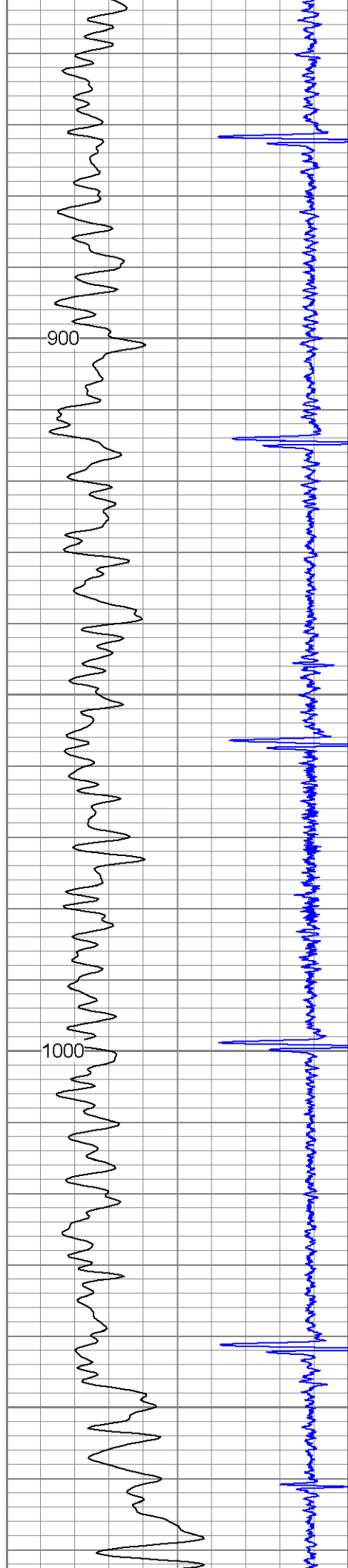
200	VDL	1200
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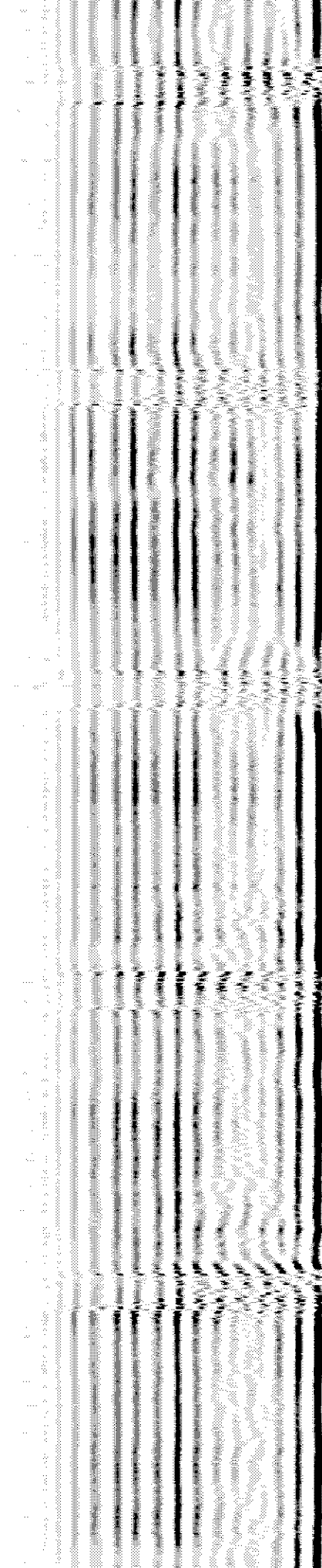
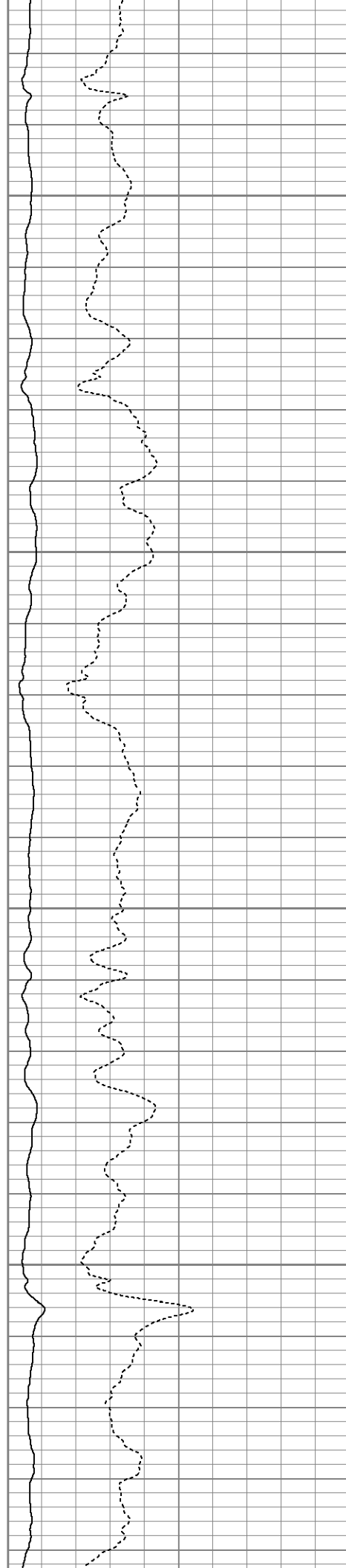
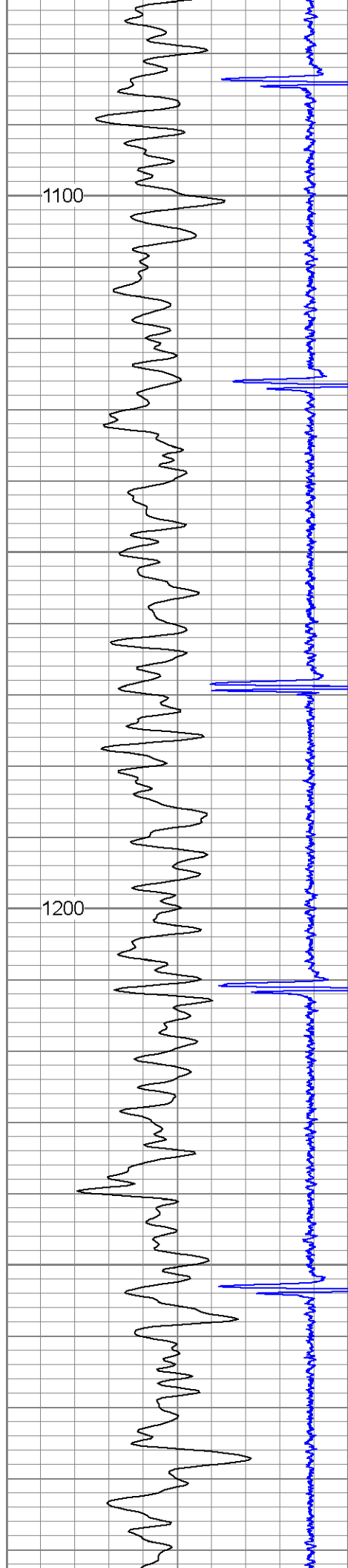


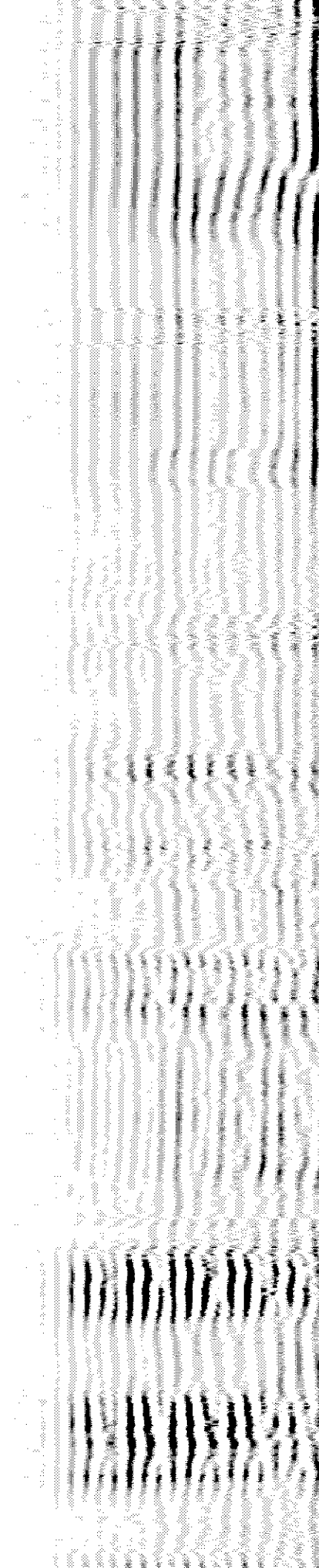
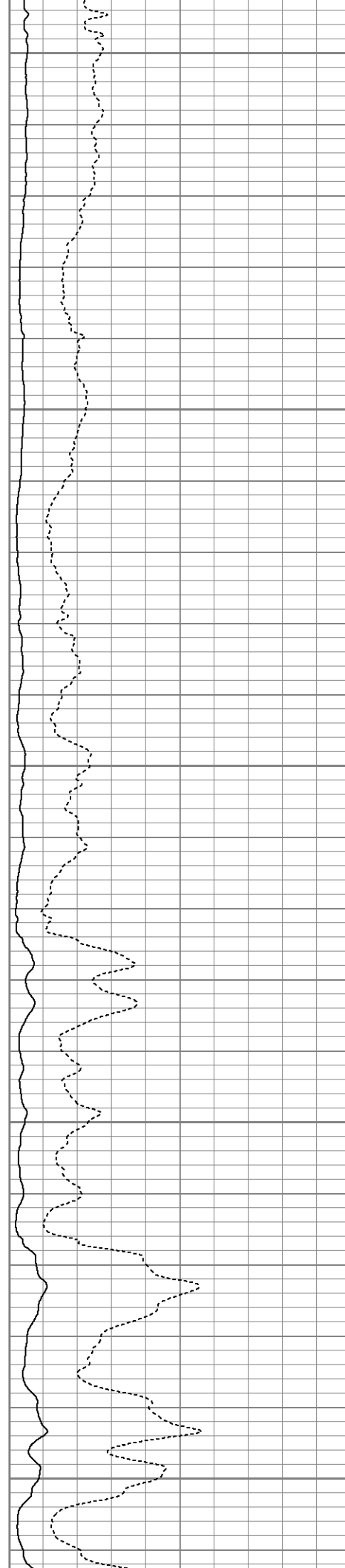
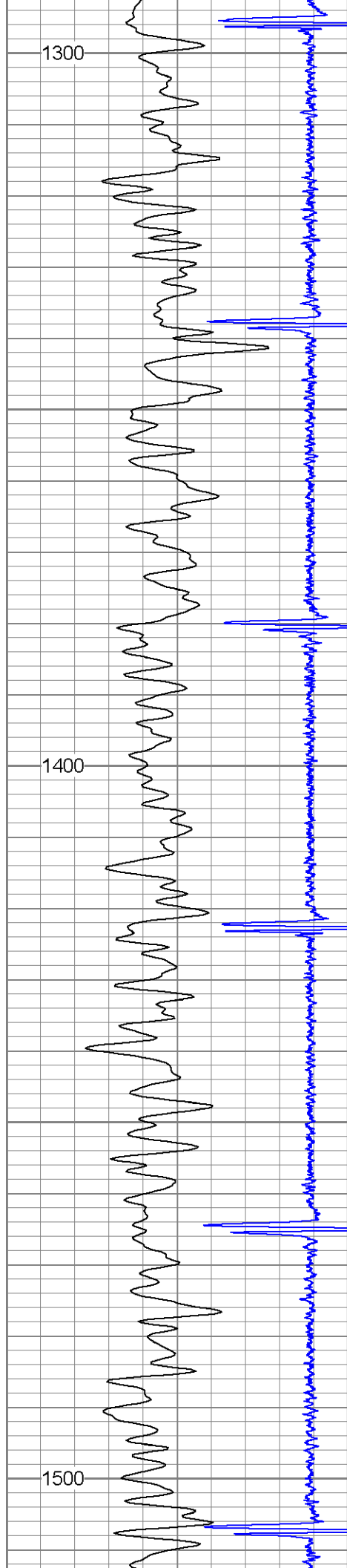


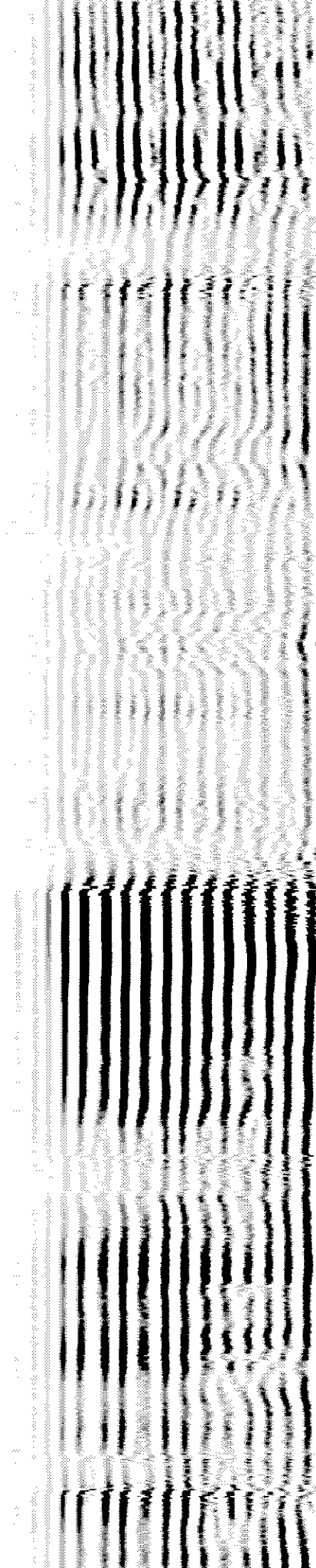
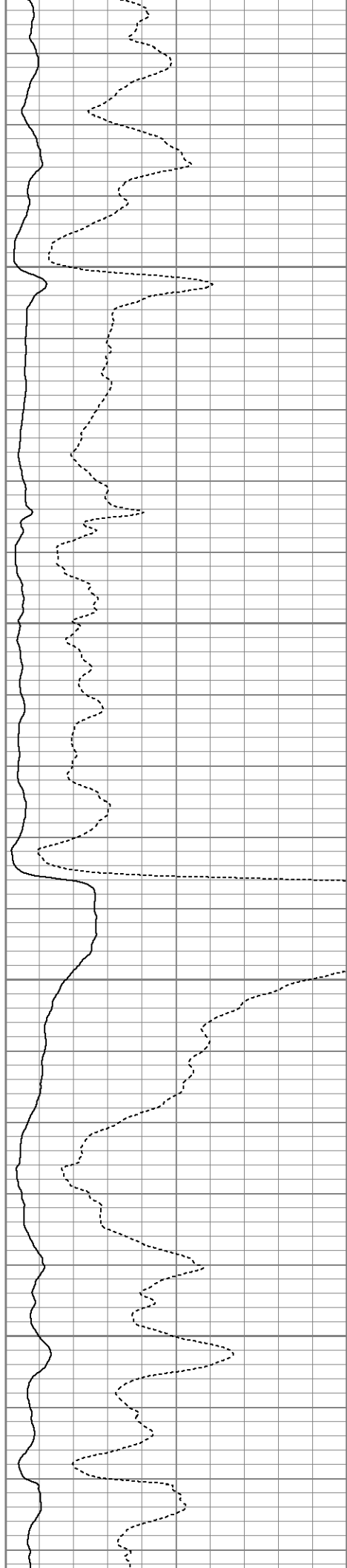
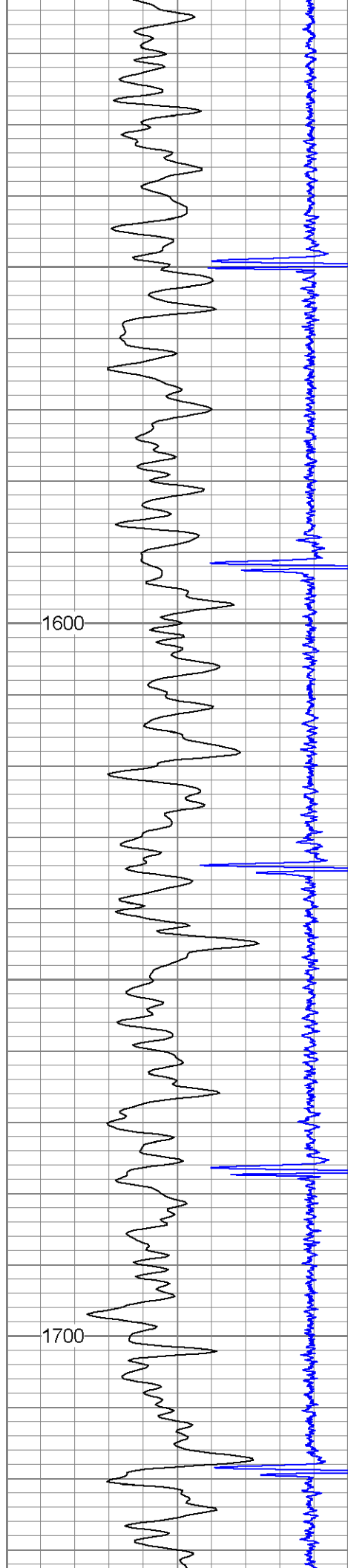


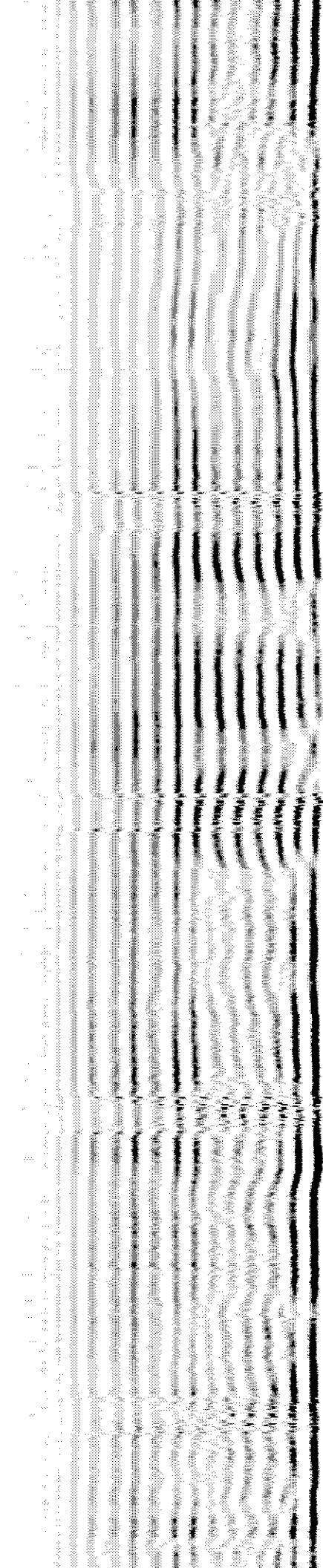
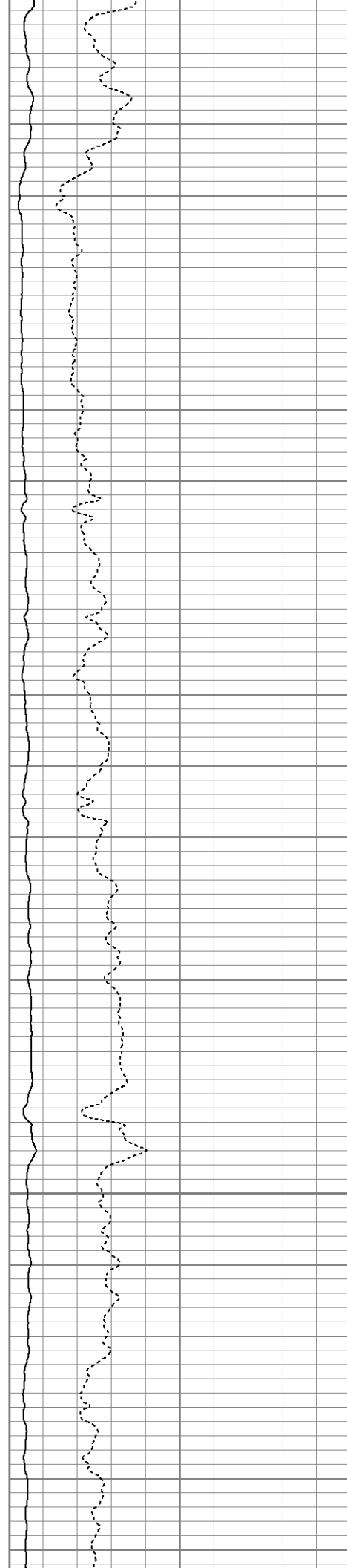
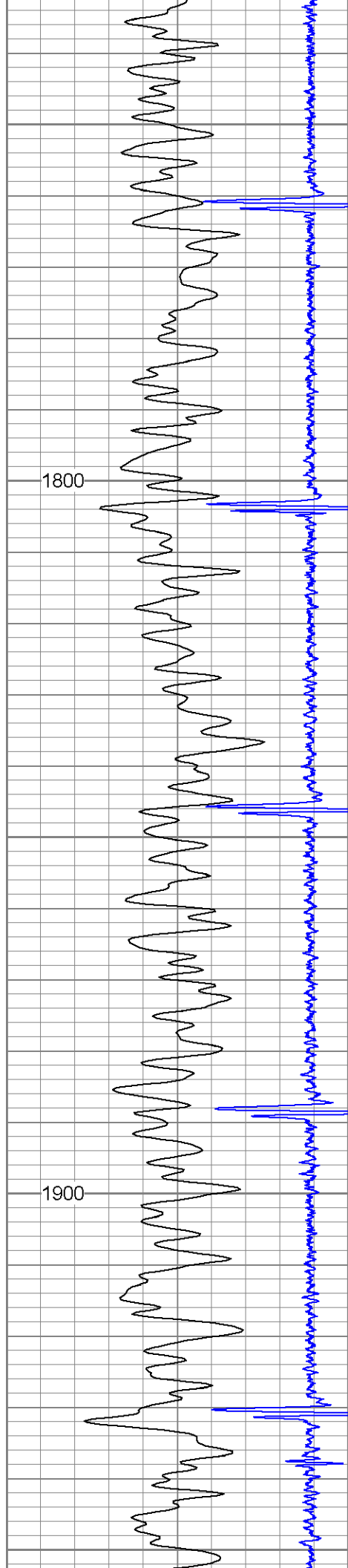






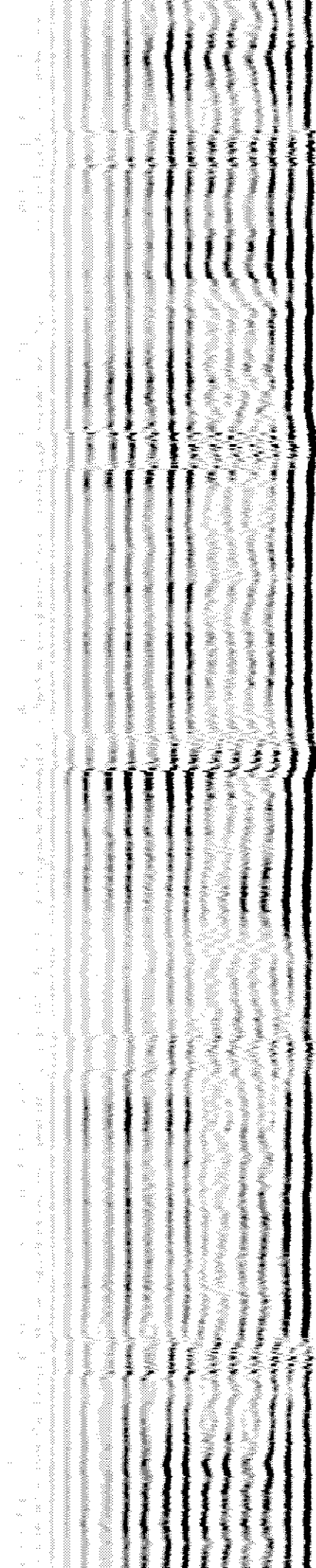
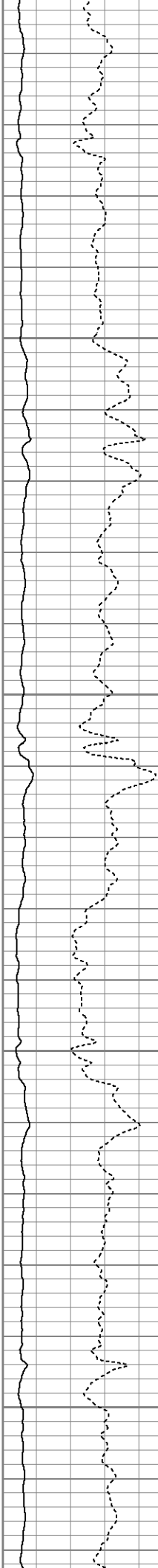
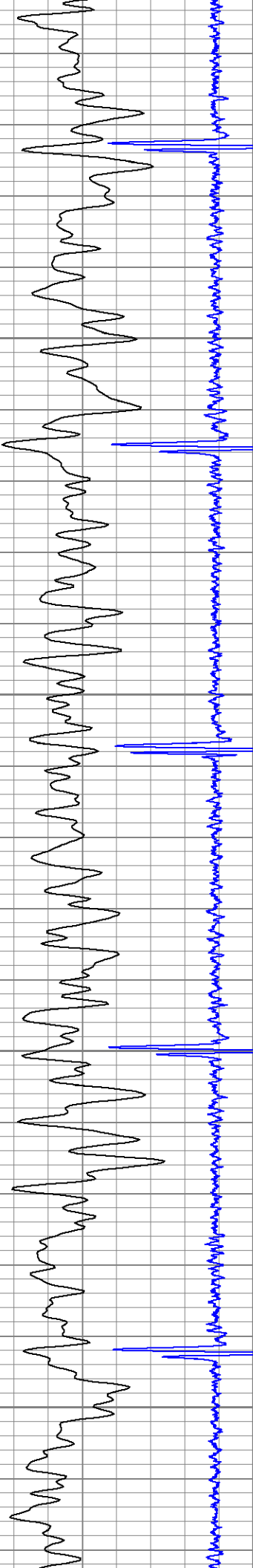






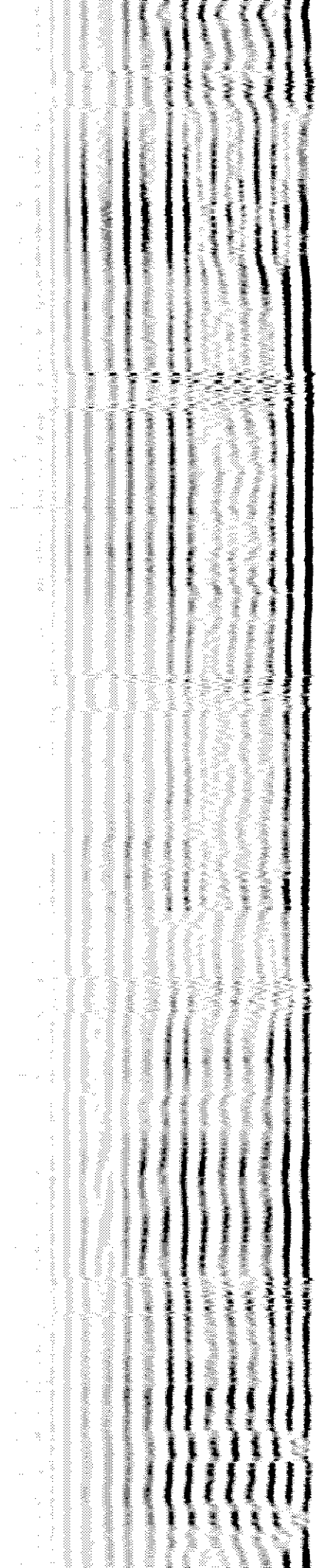
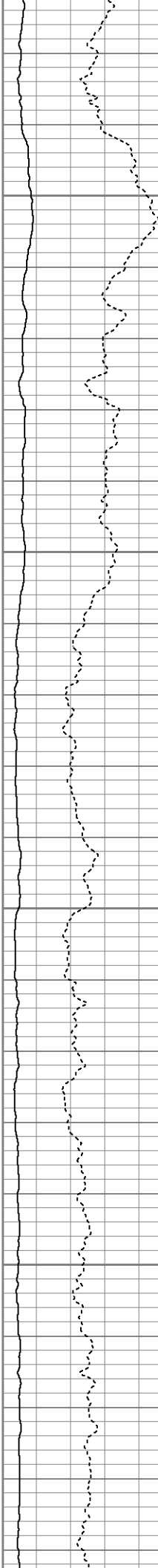
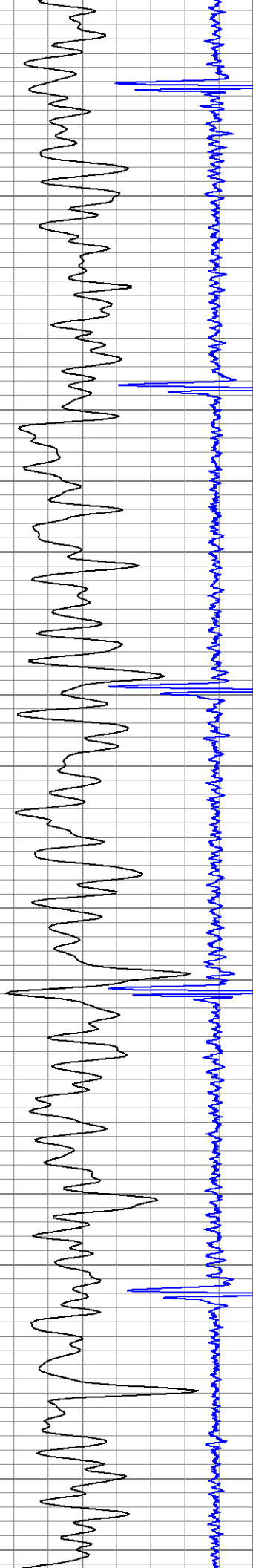
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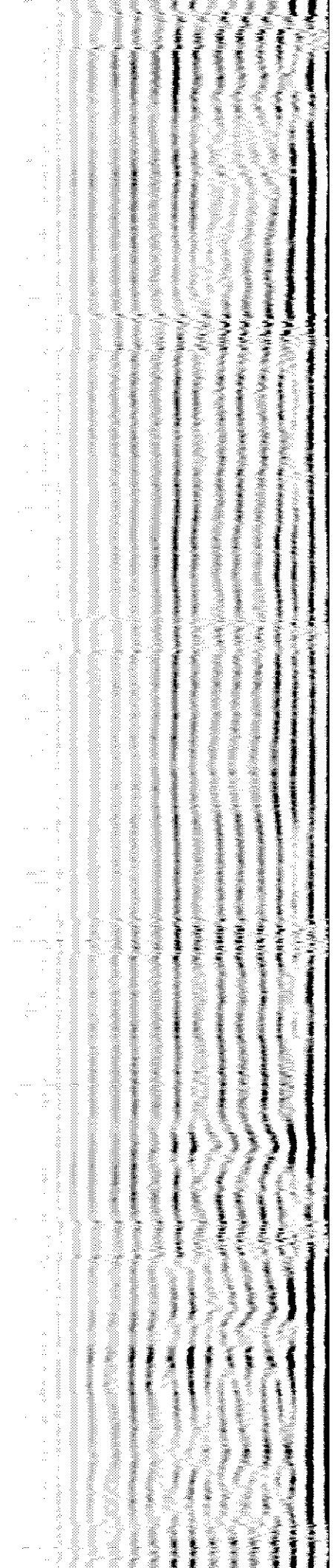
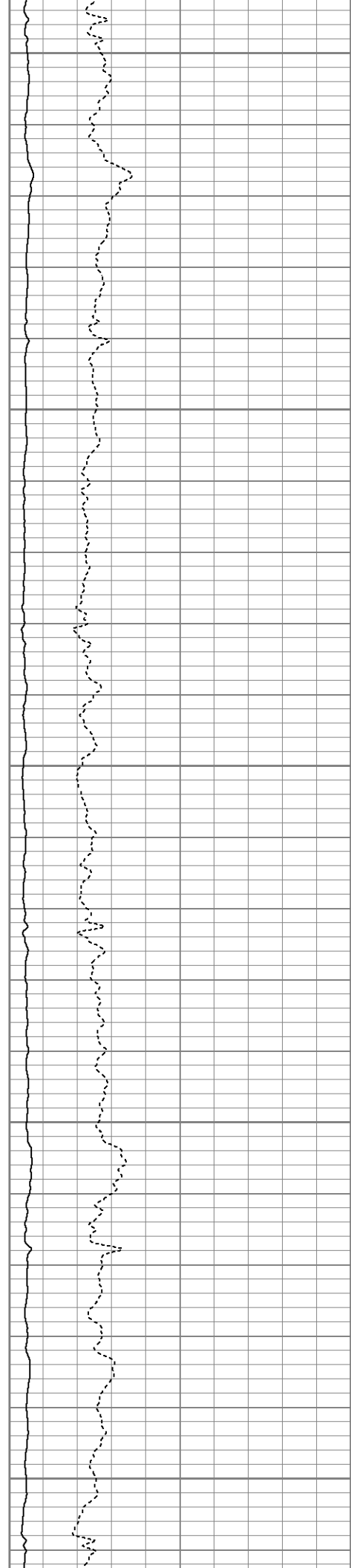
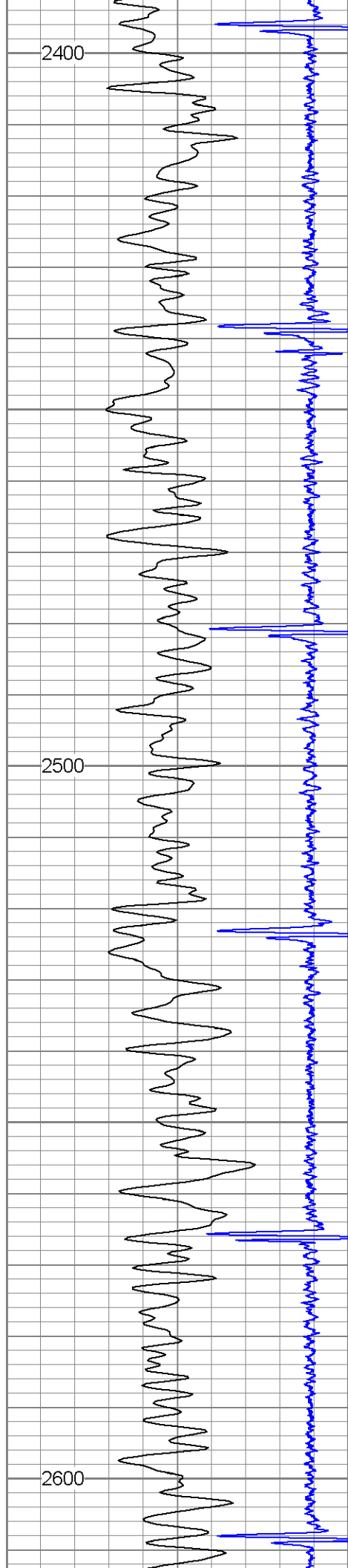
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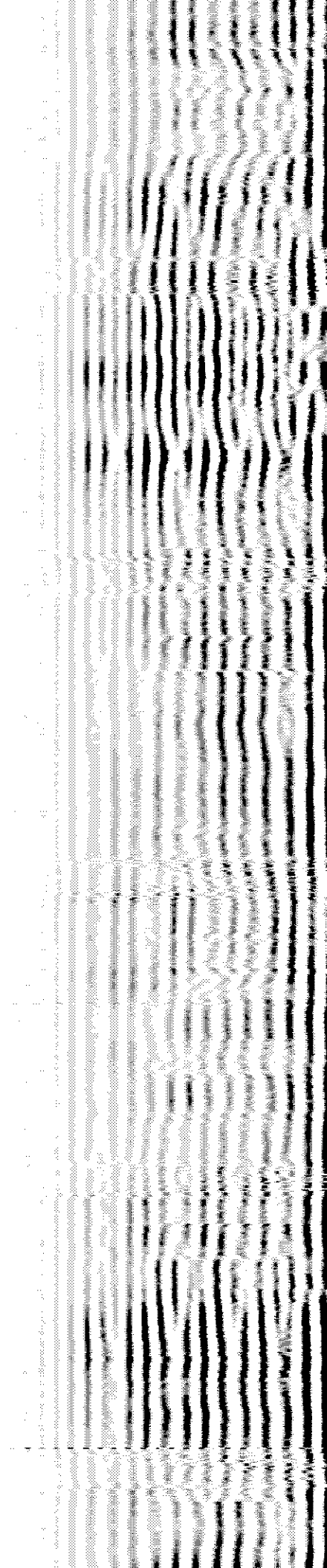
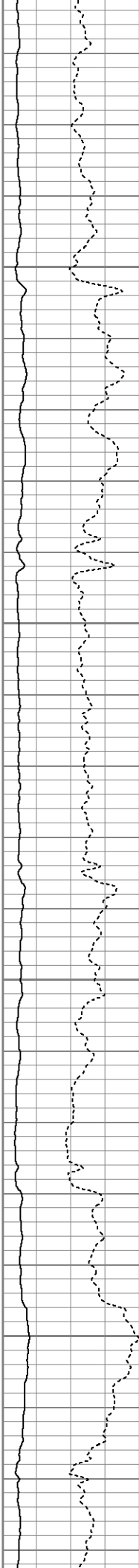
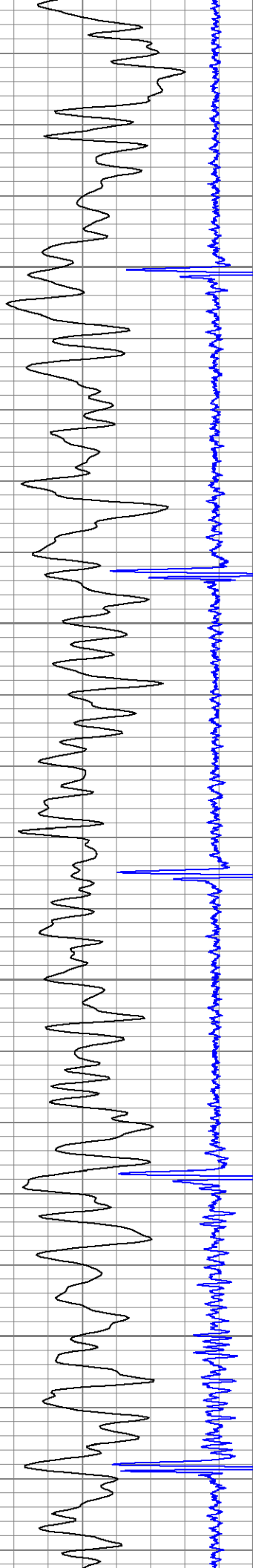
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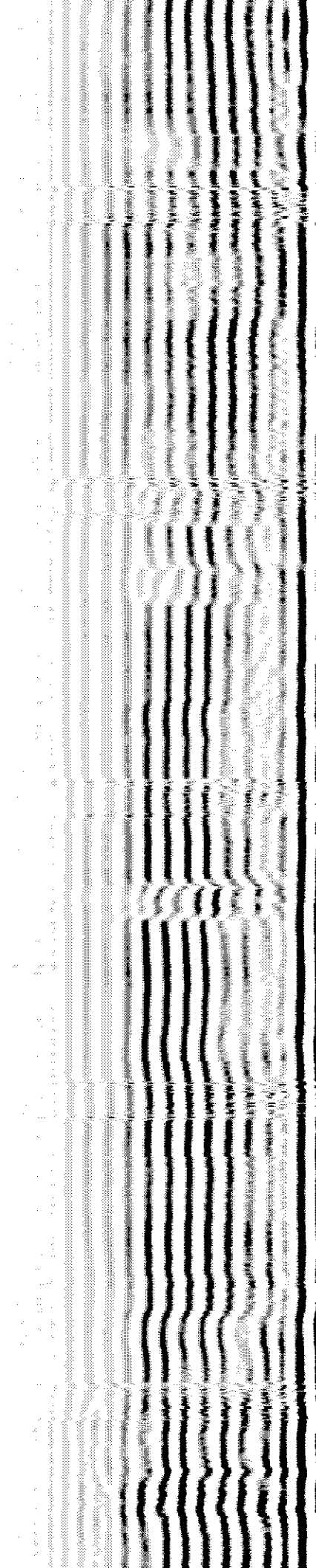
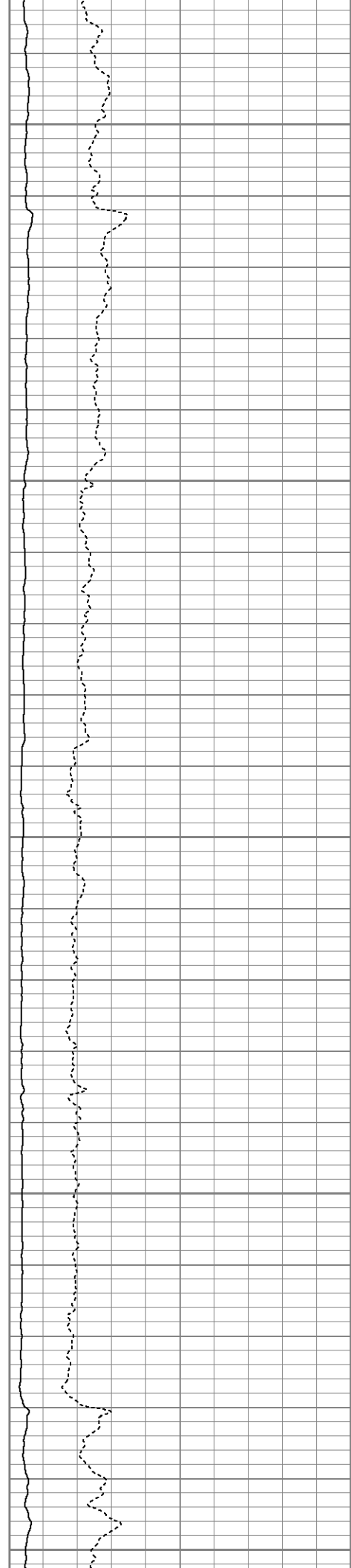
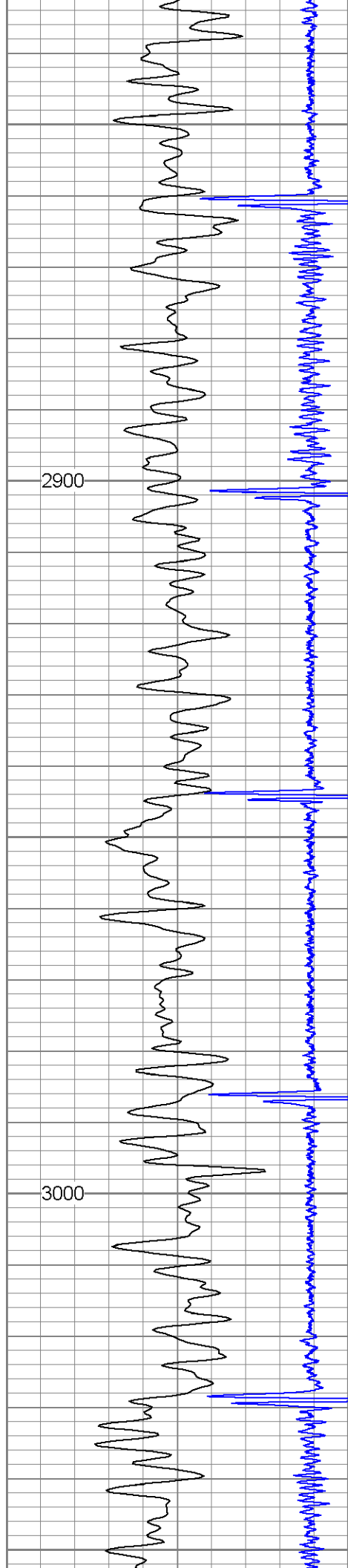


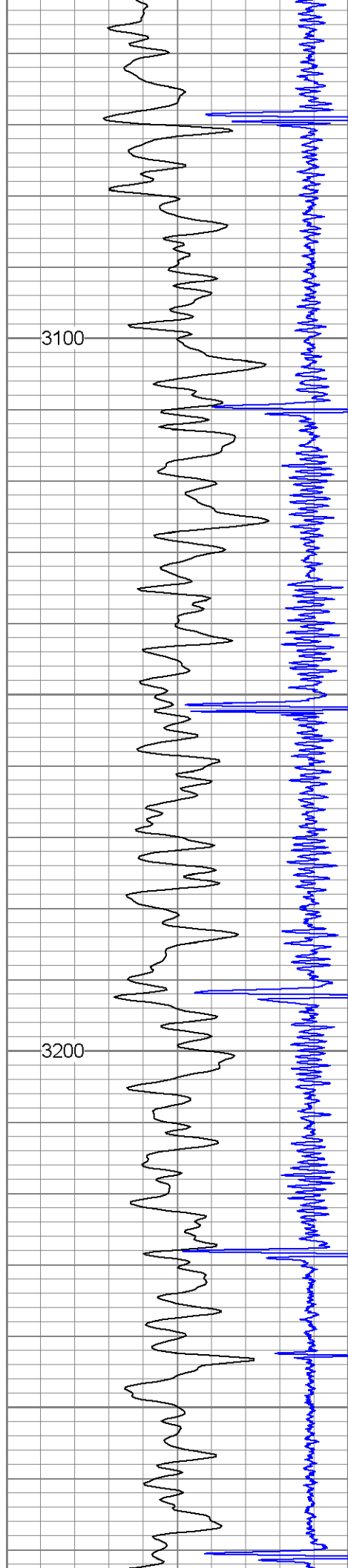


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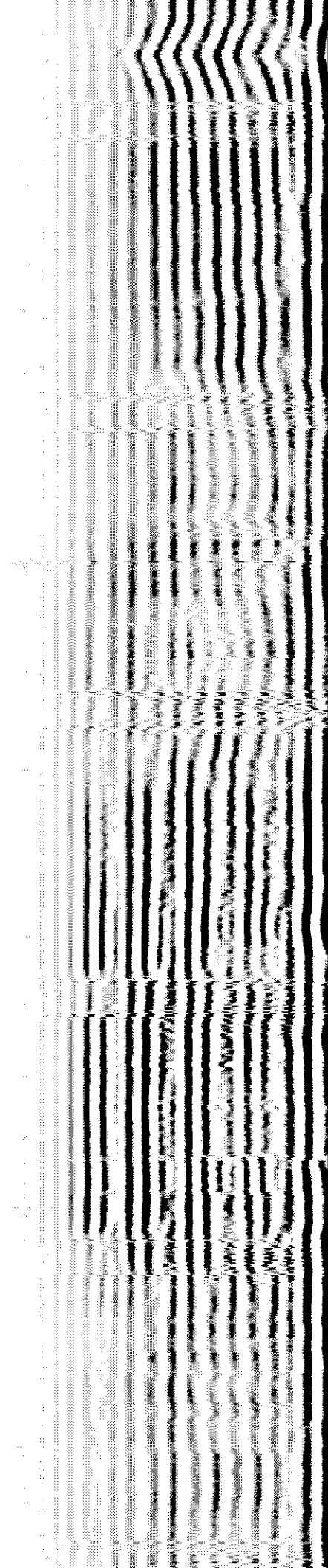
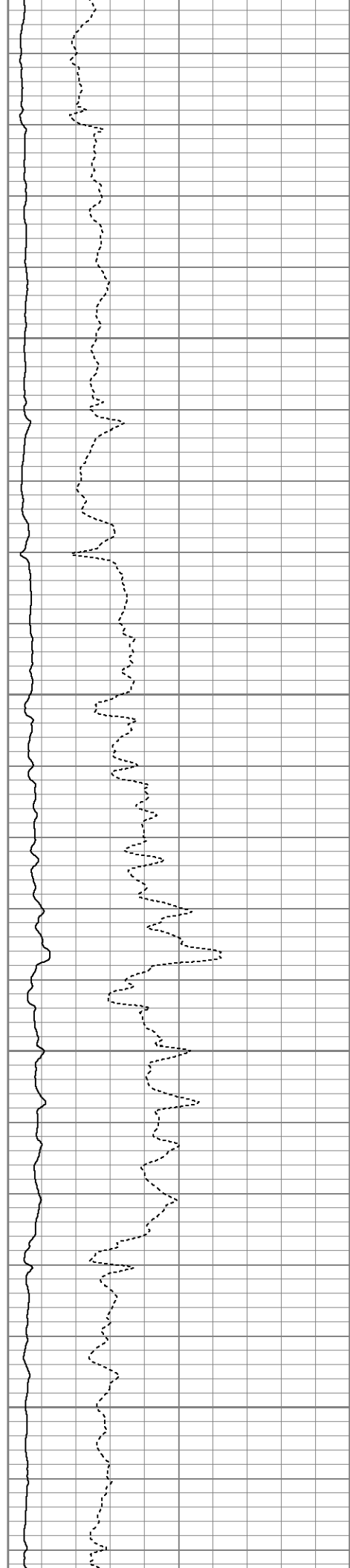


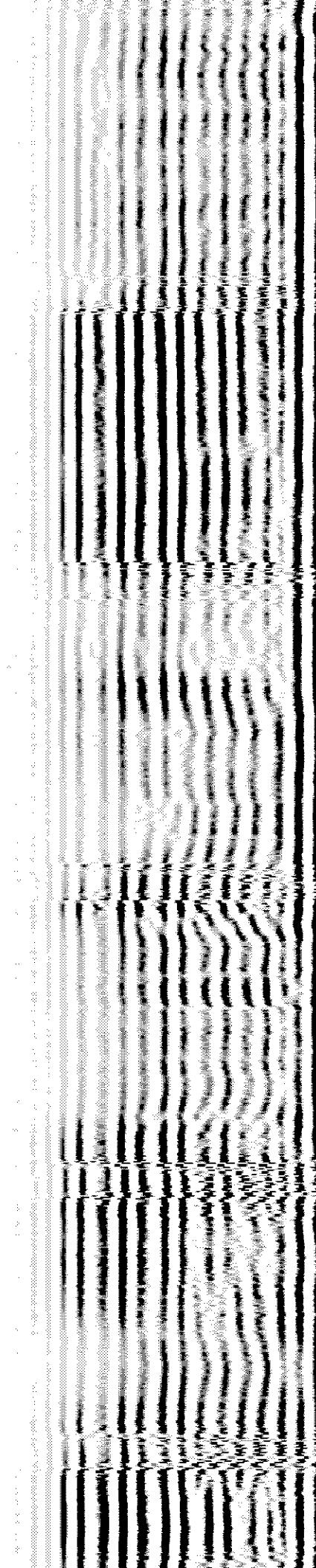
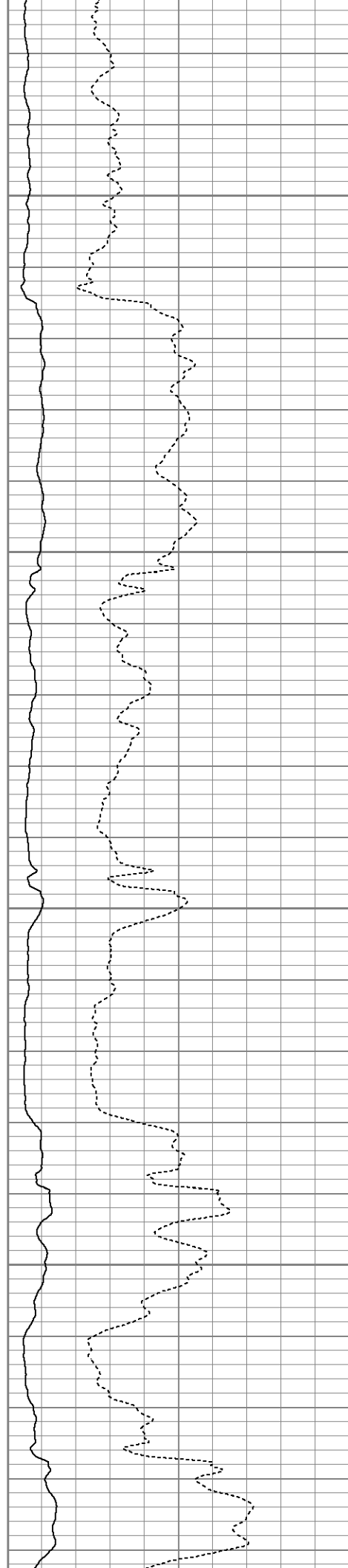
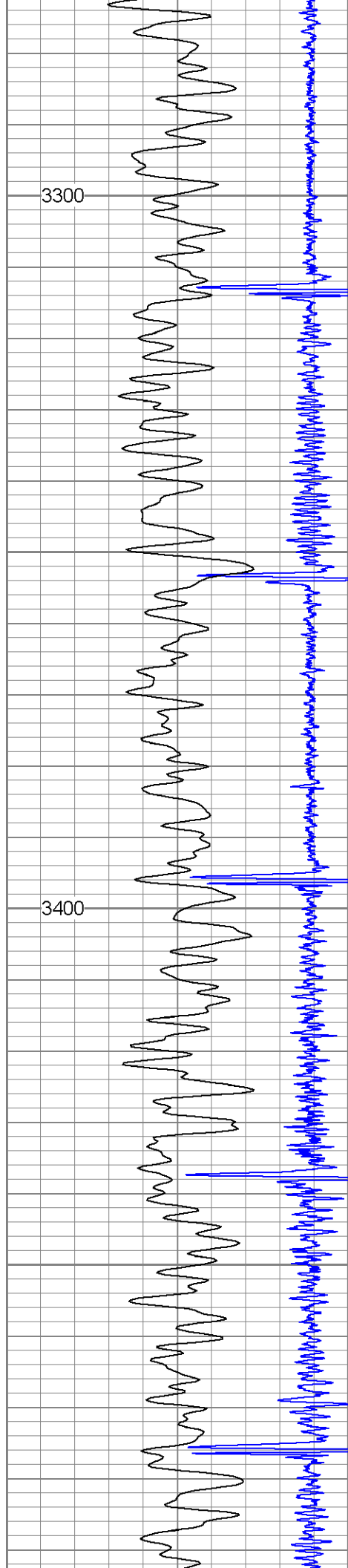


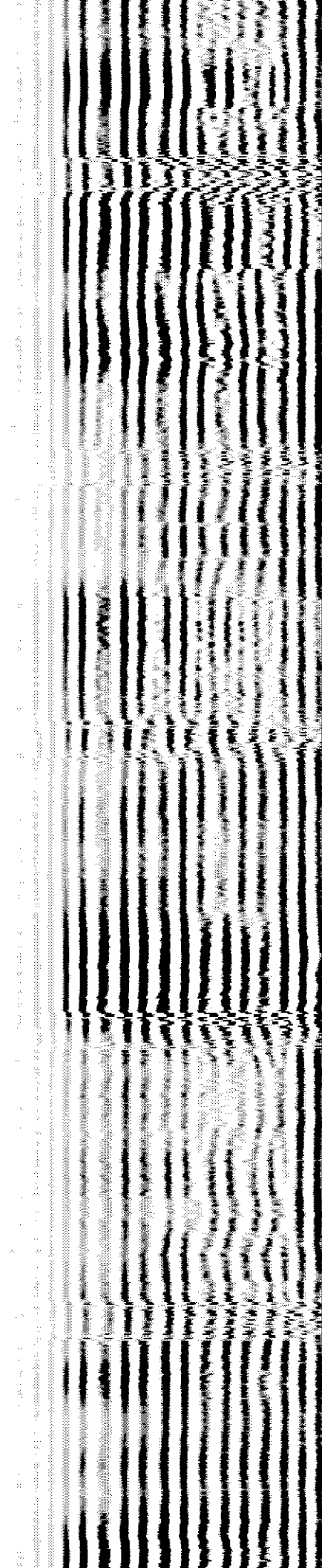
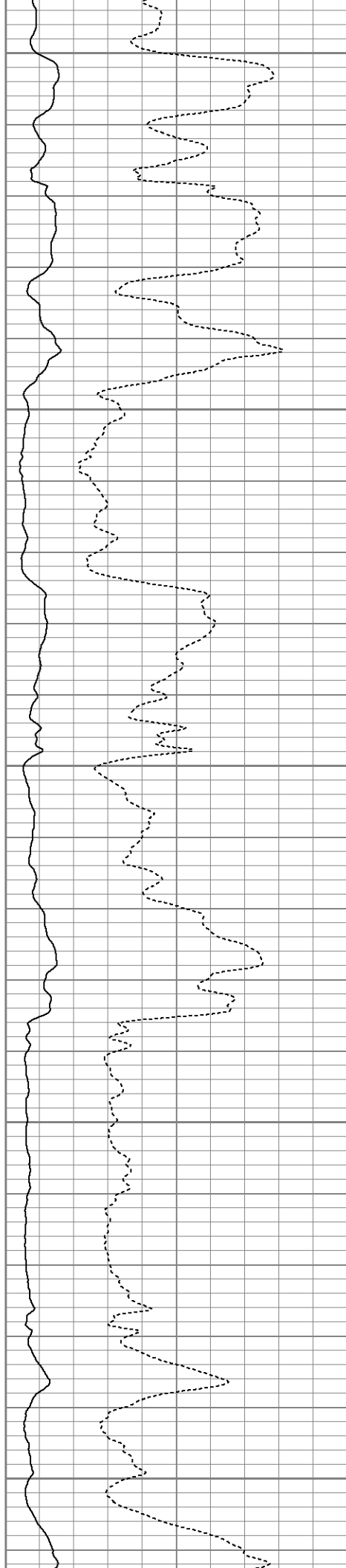
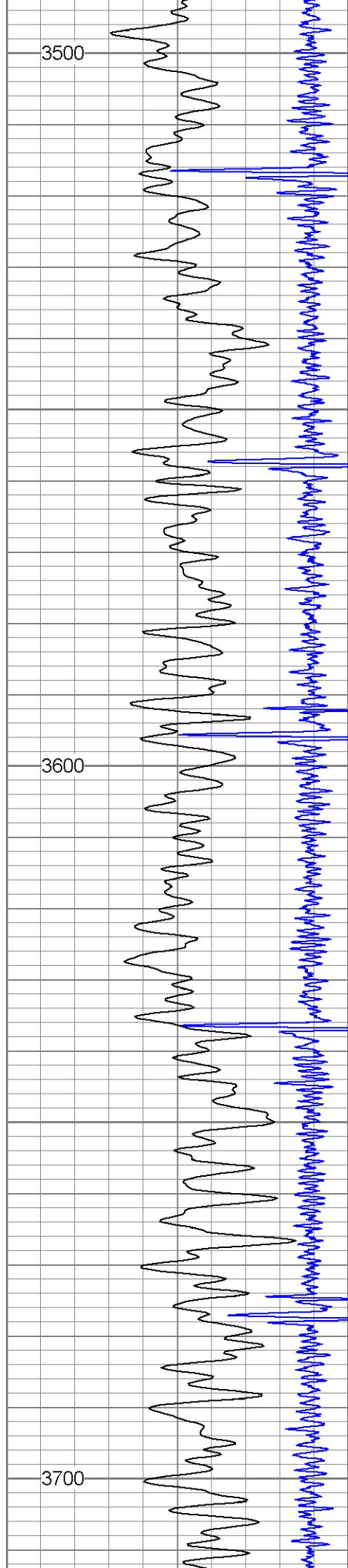


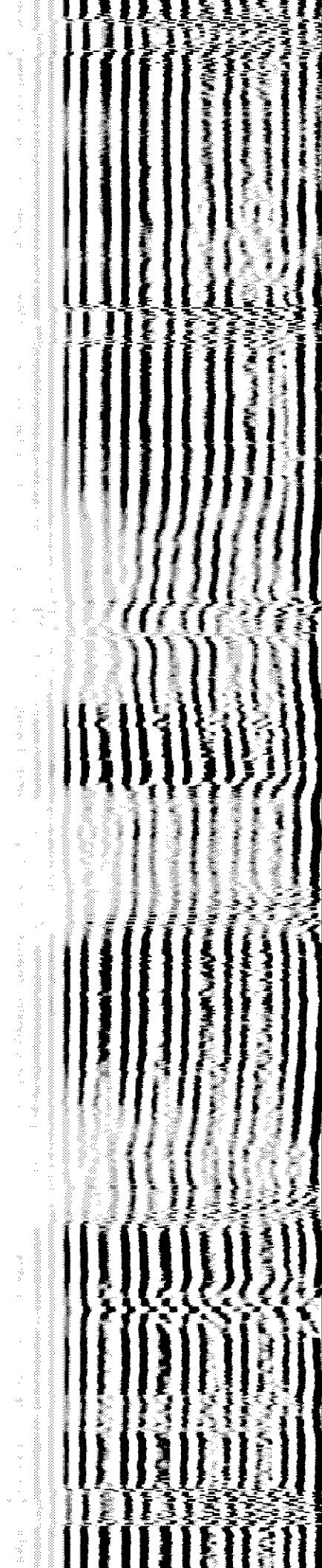
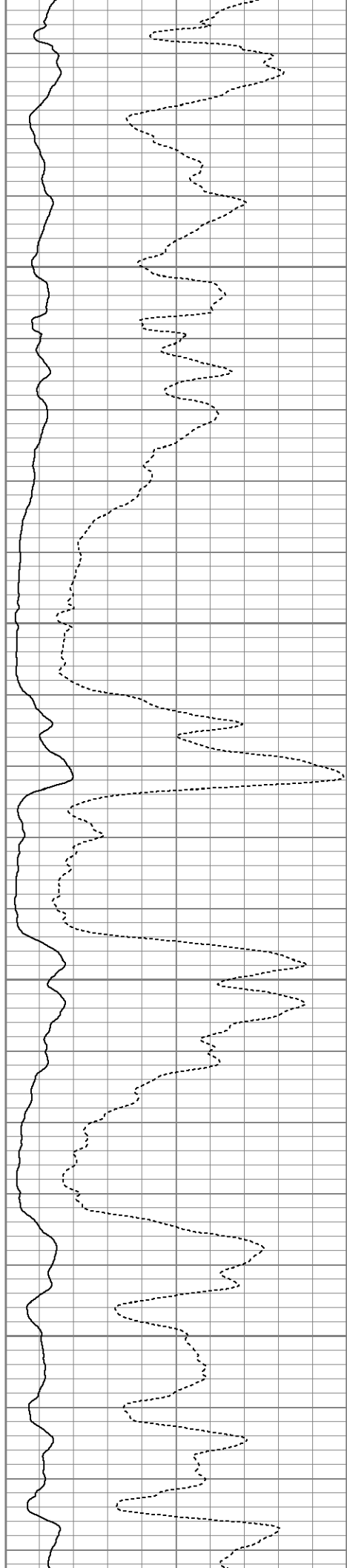
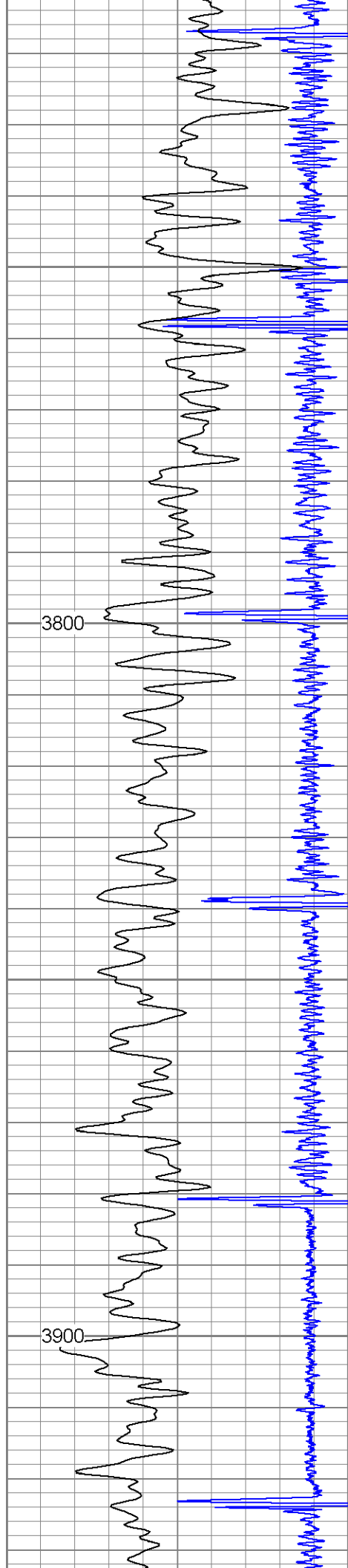
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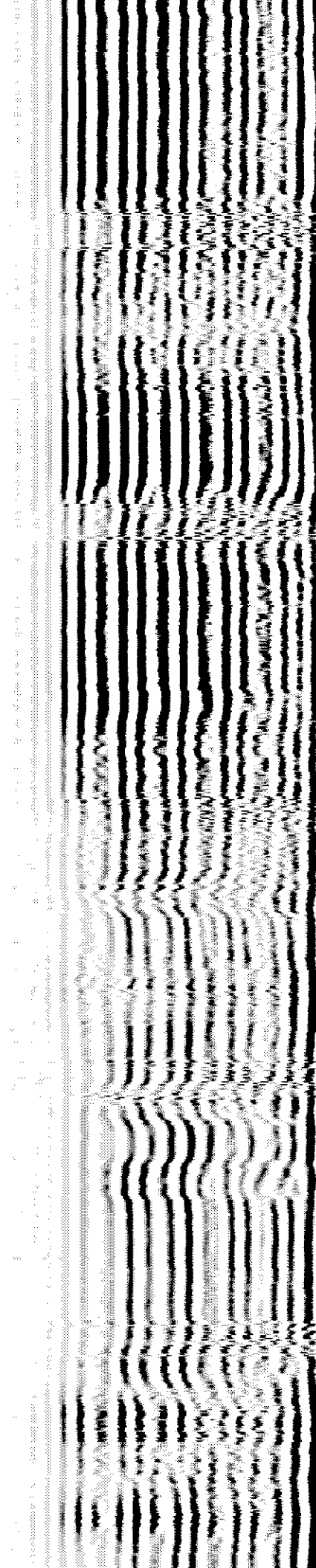
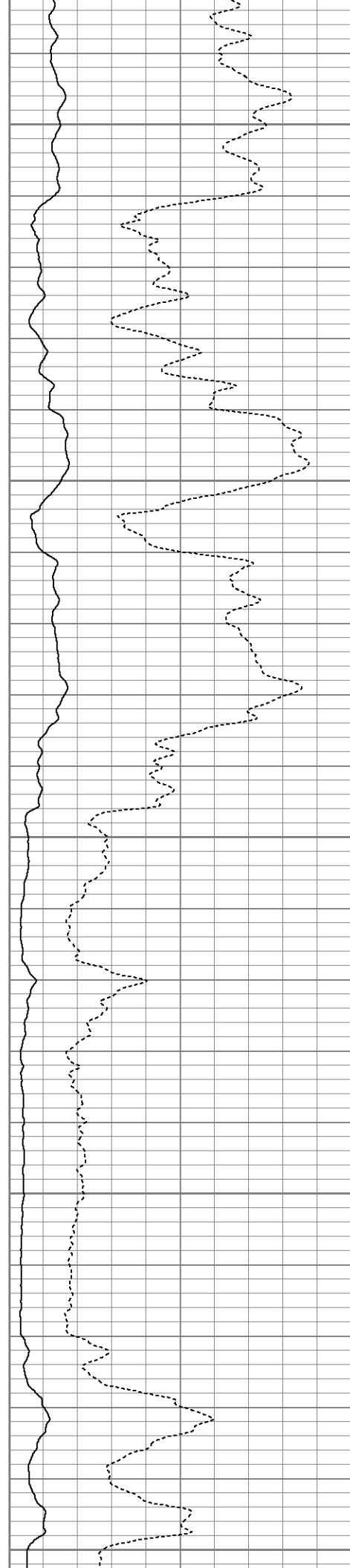
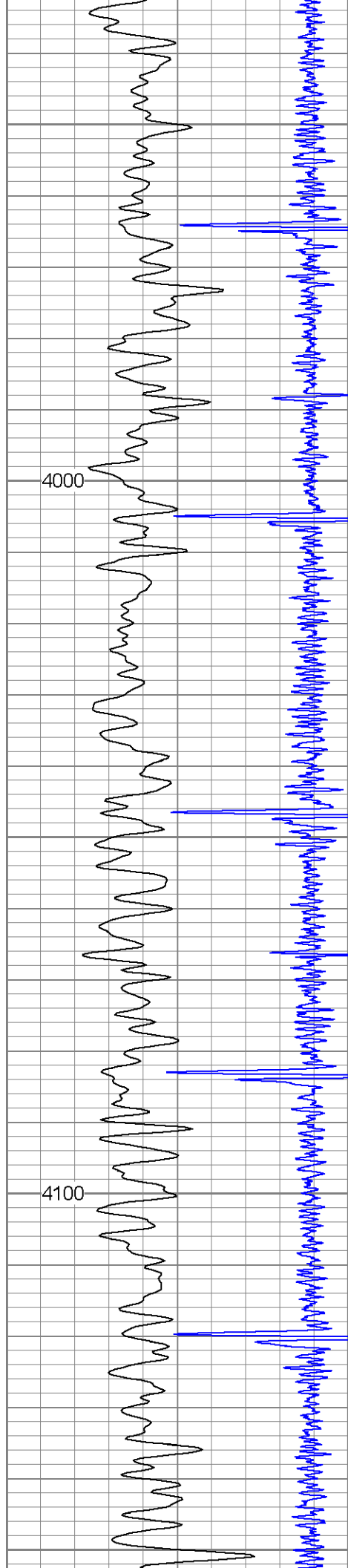
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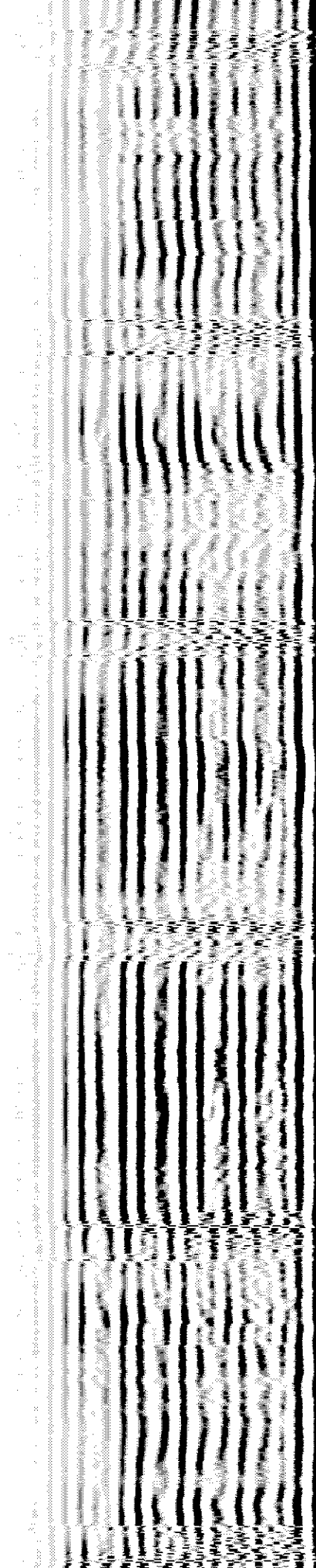
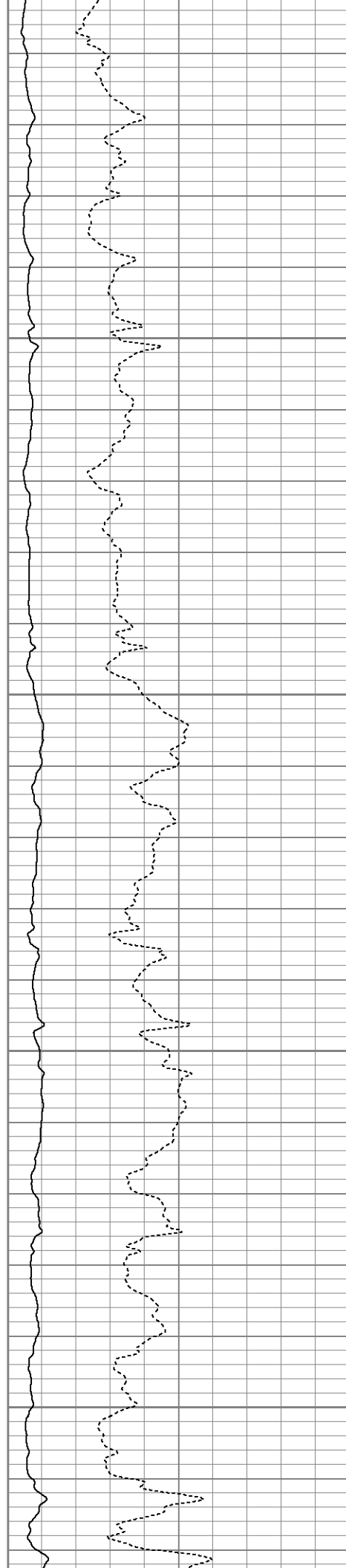
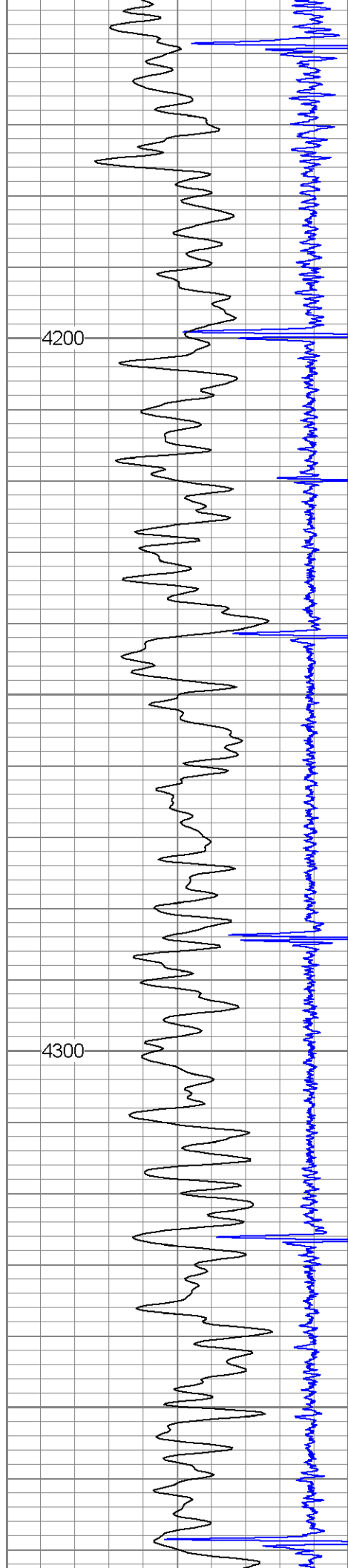


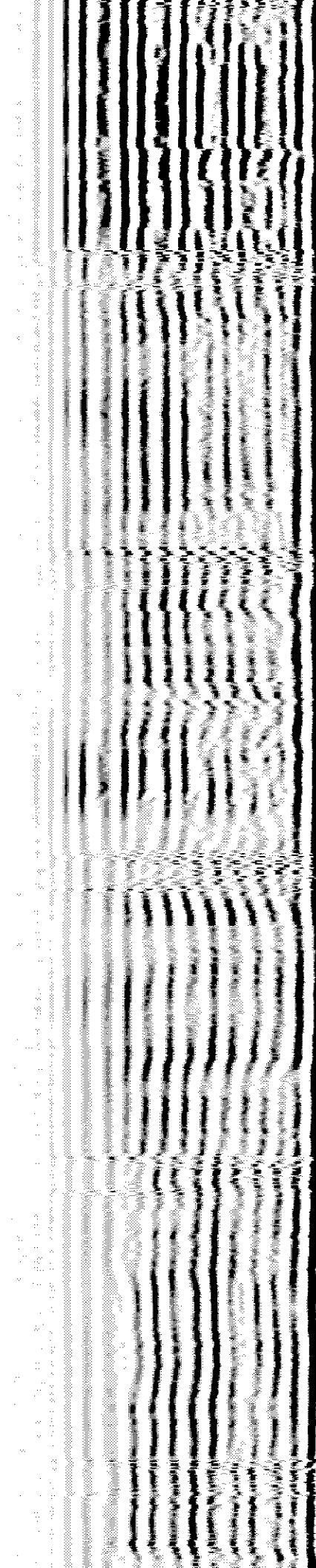
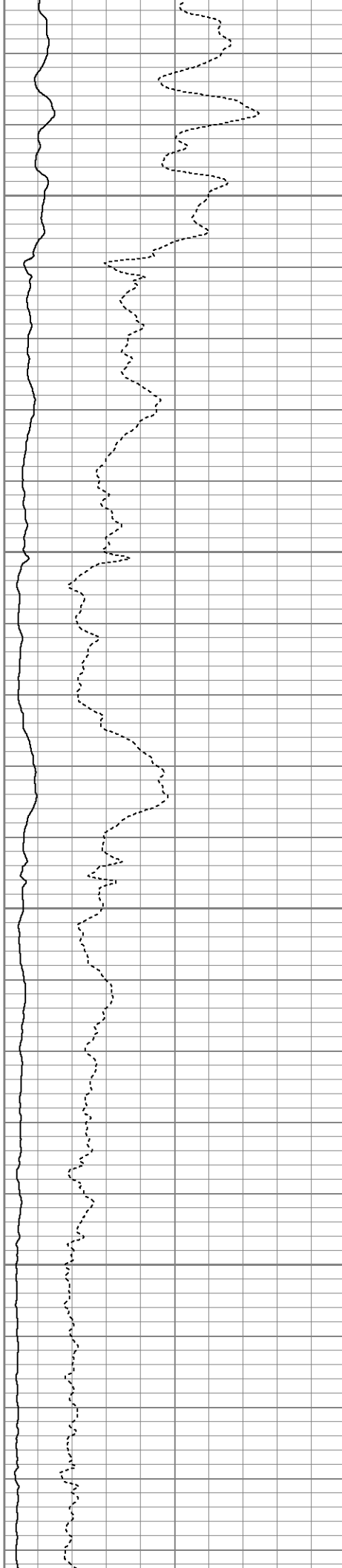
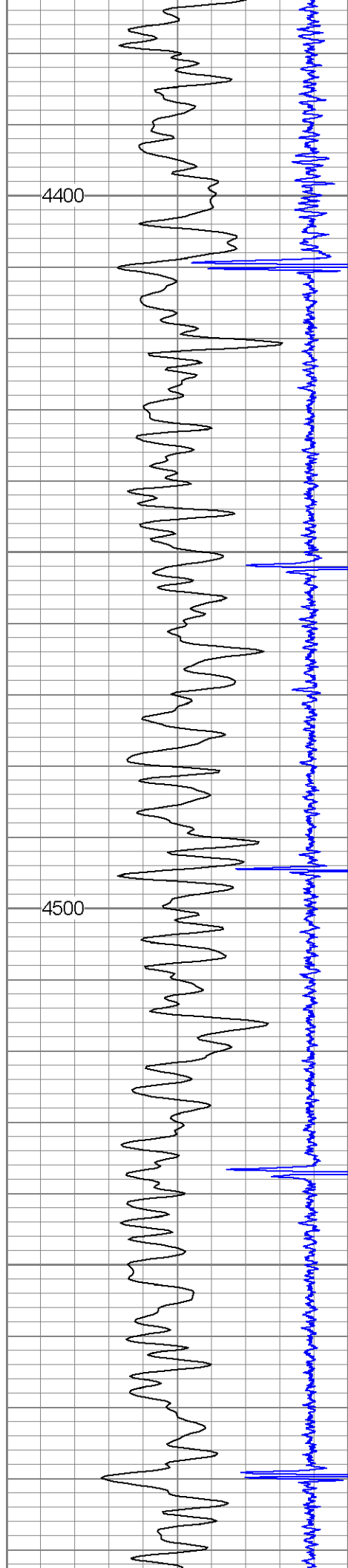


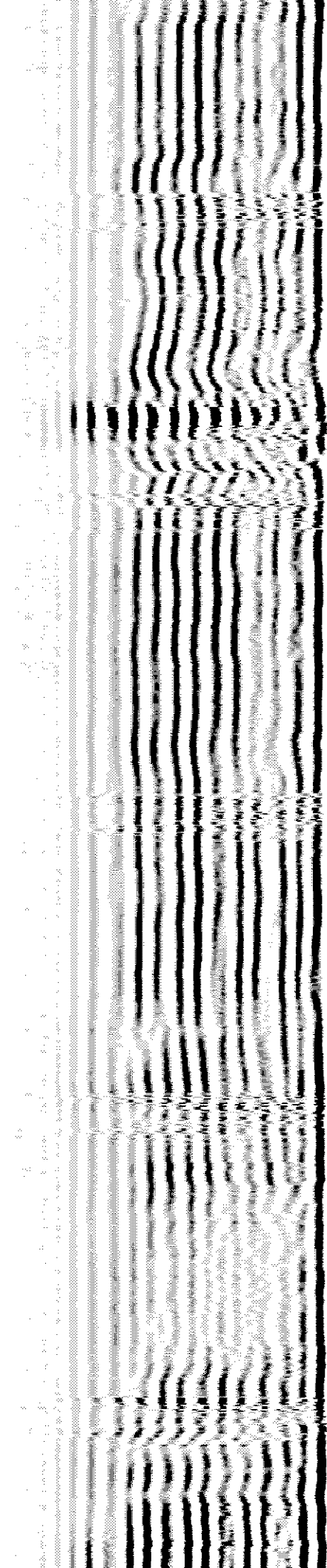
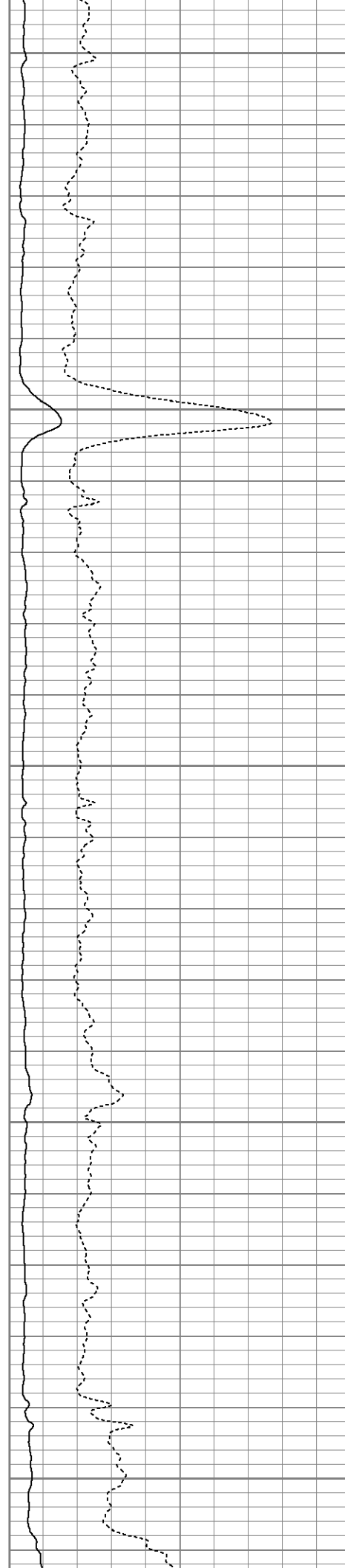
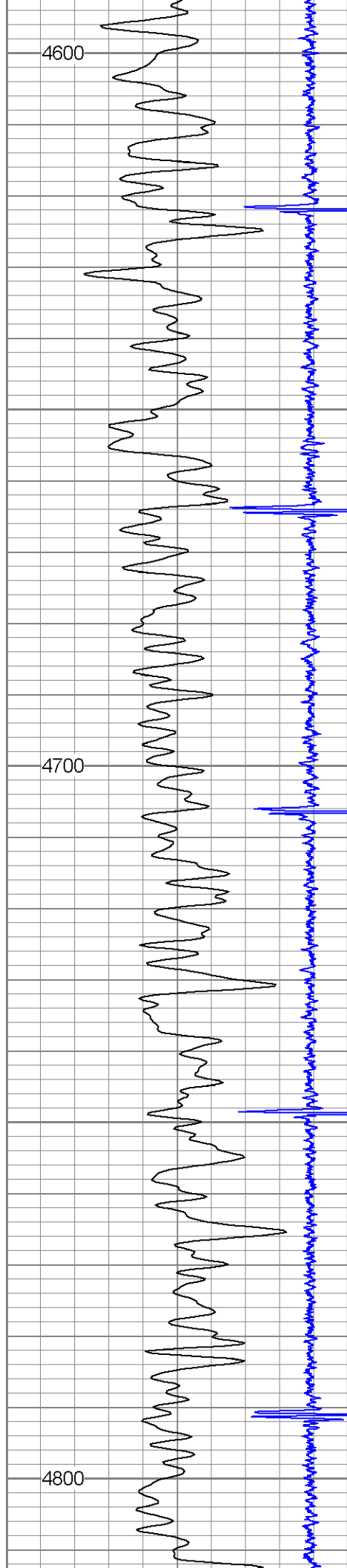


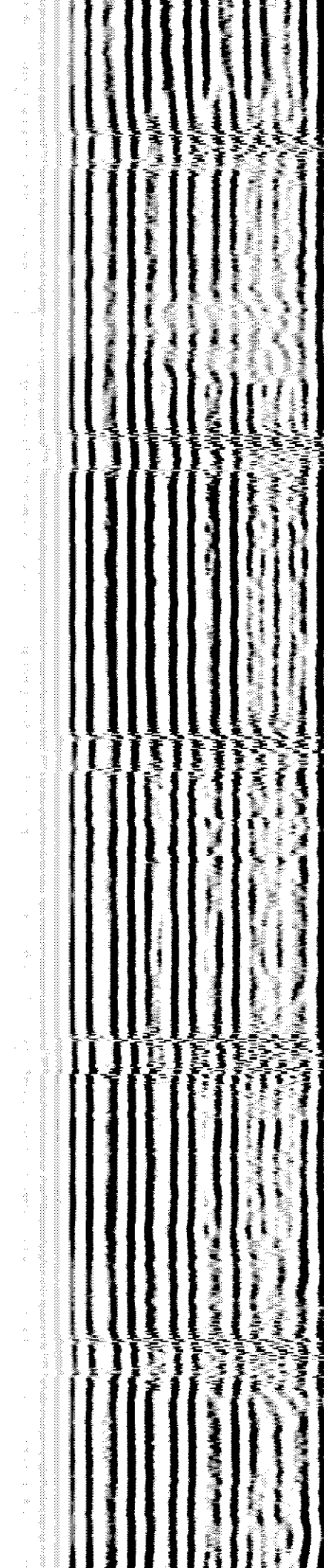
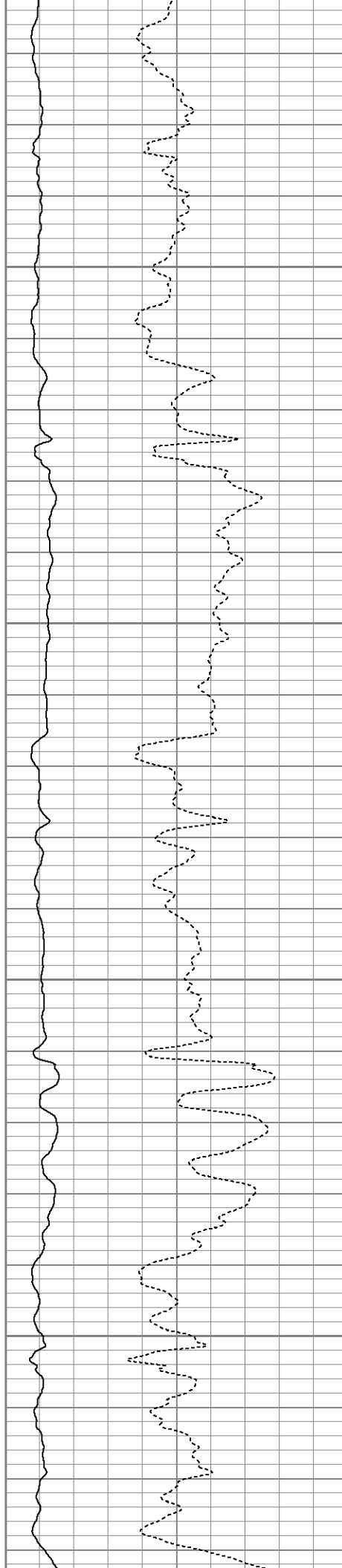
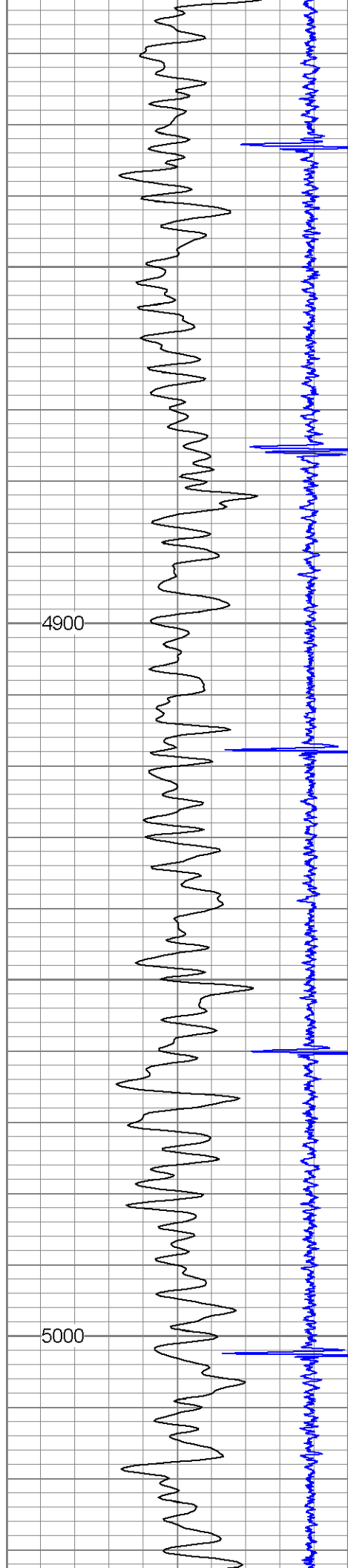


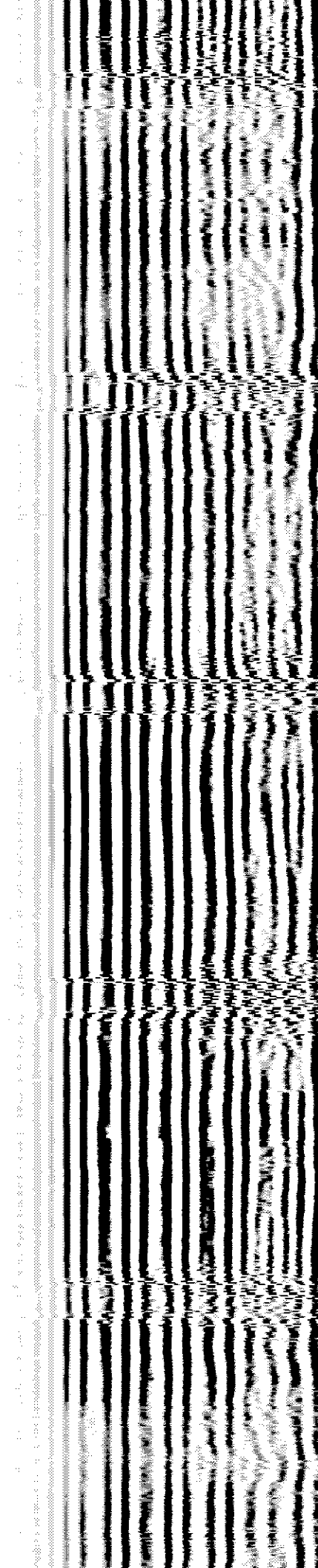
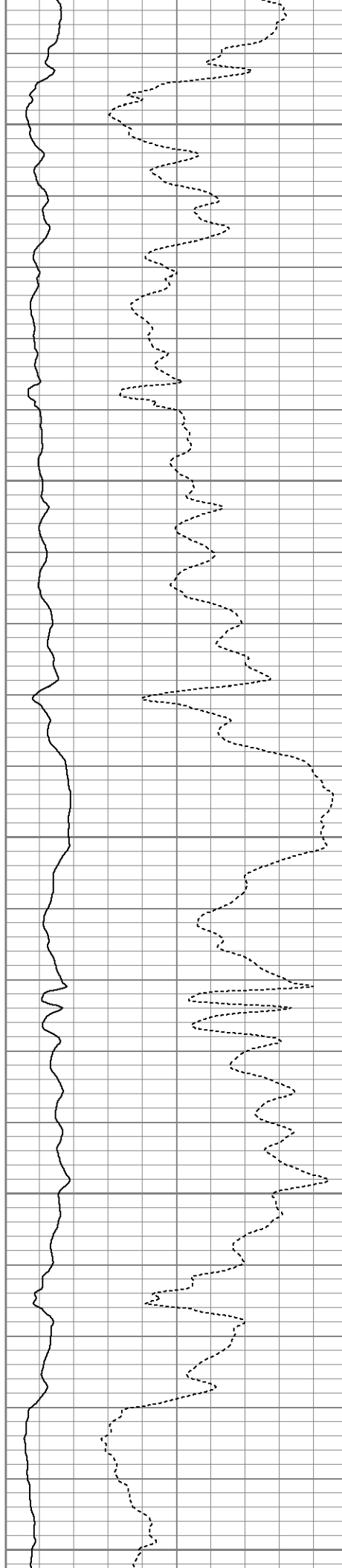
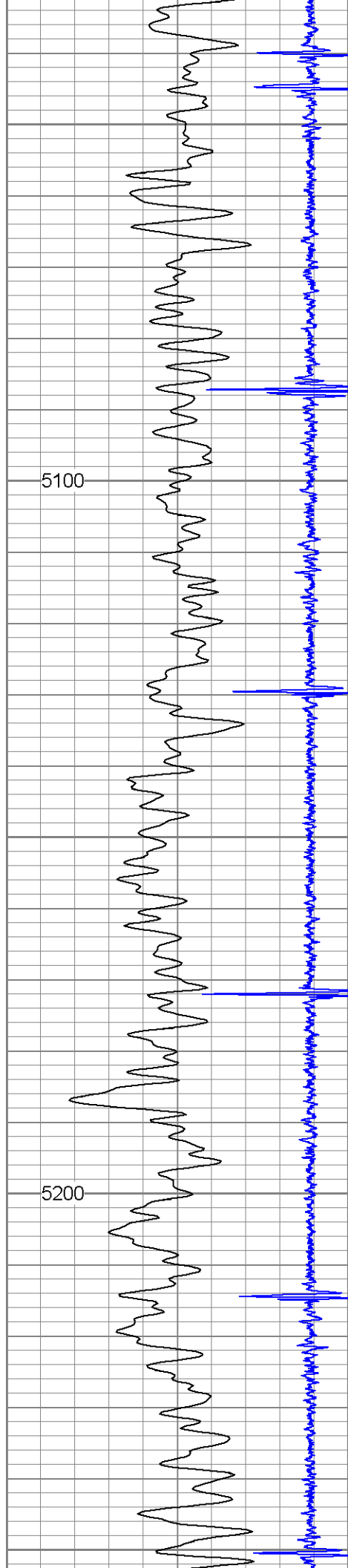


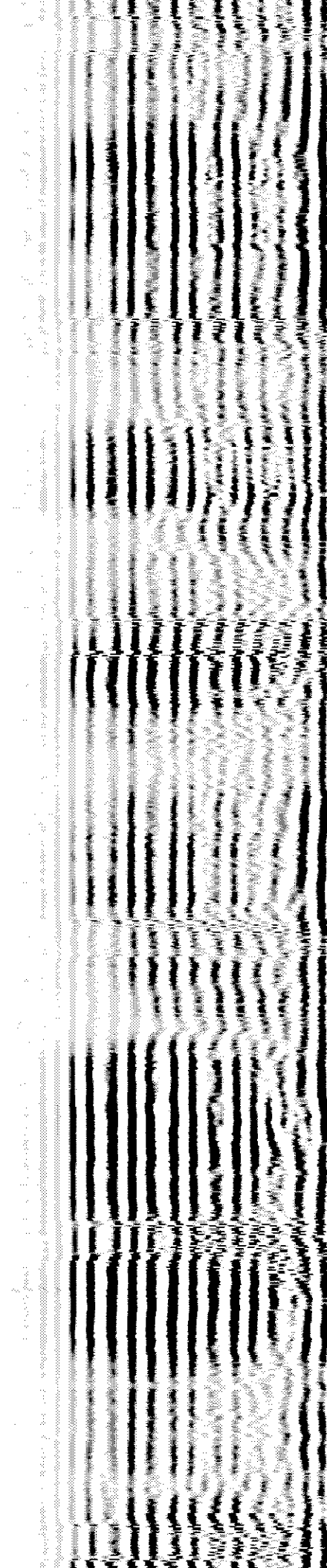
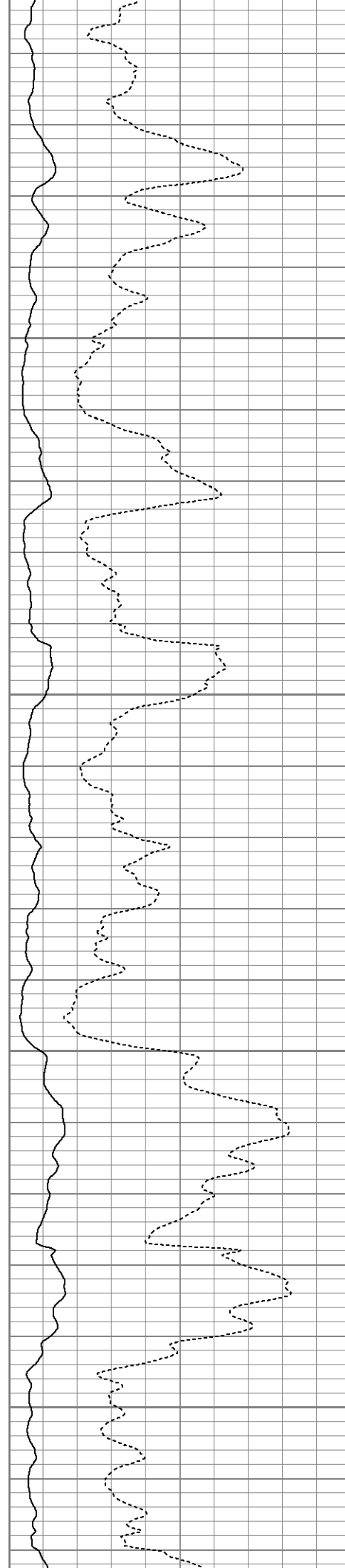
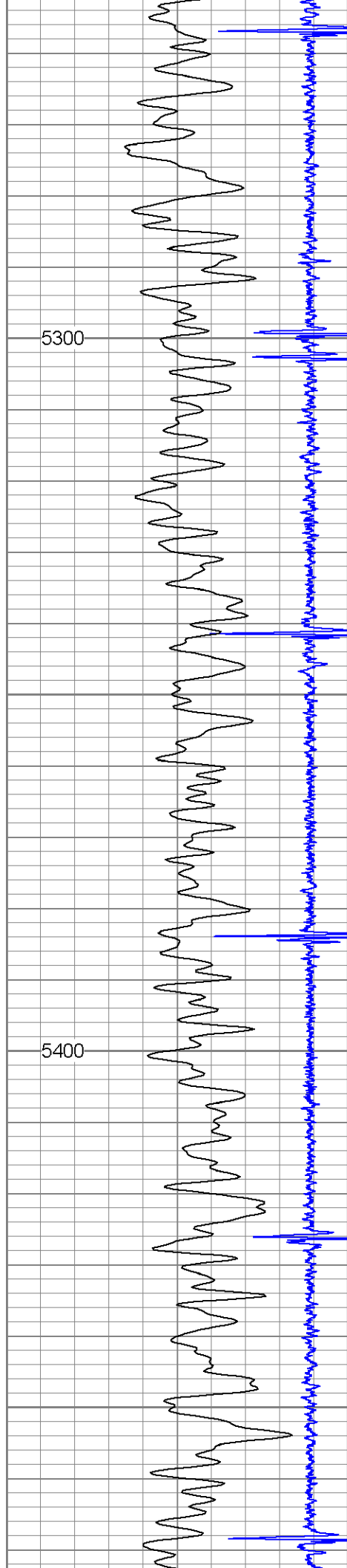


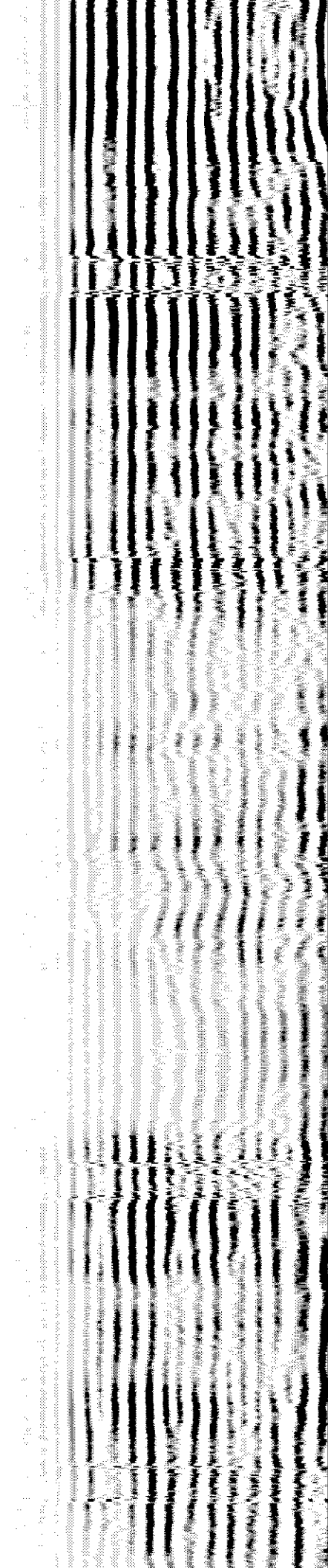
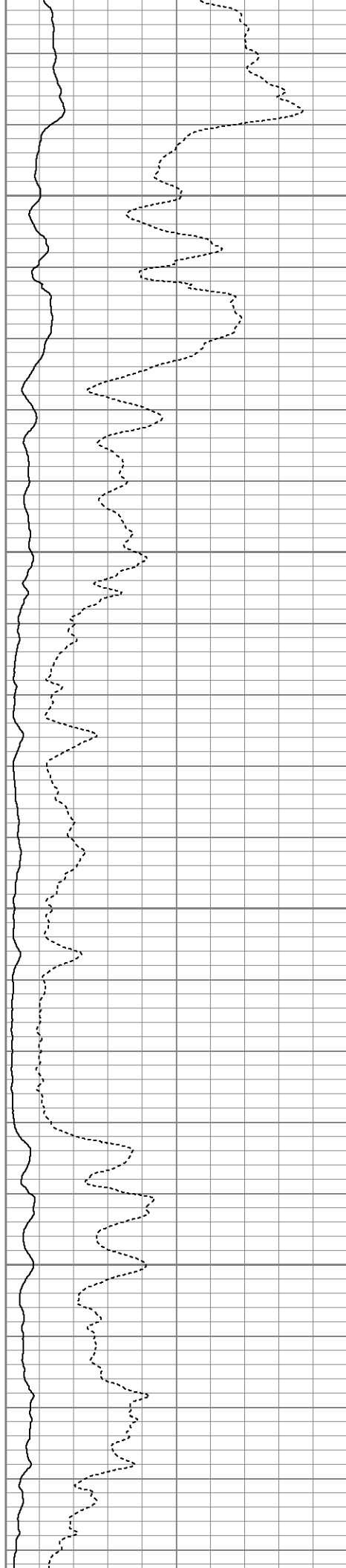
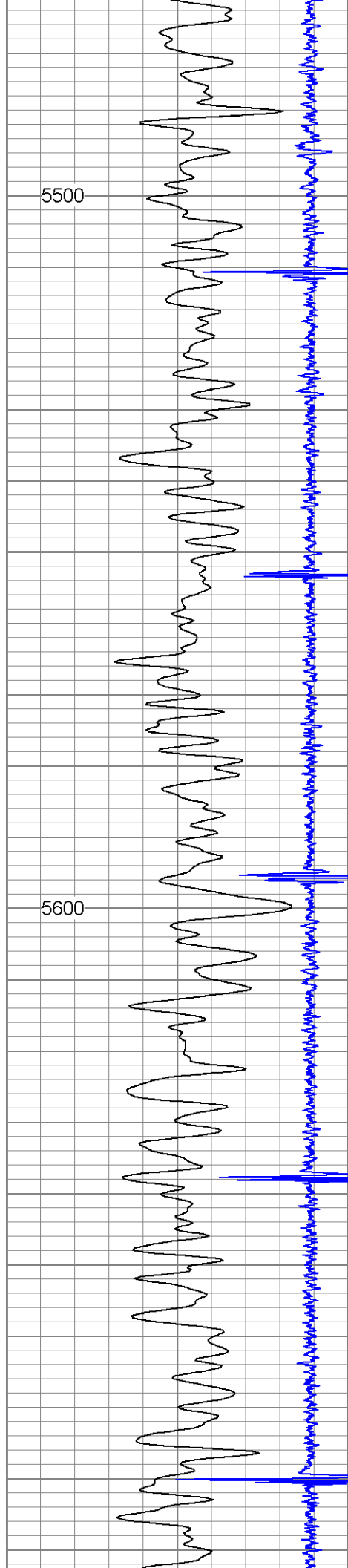


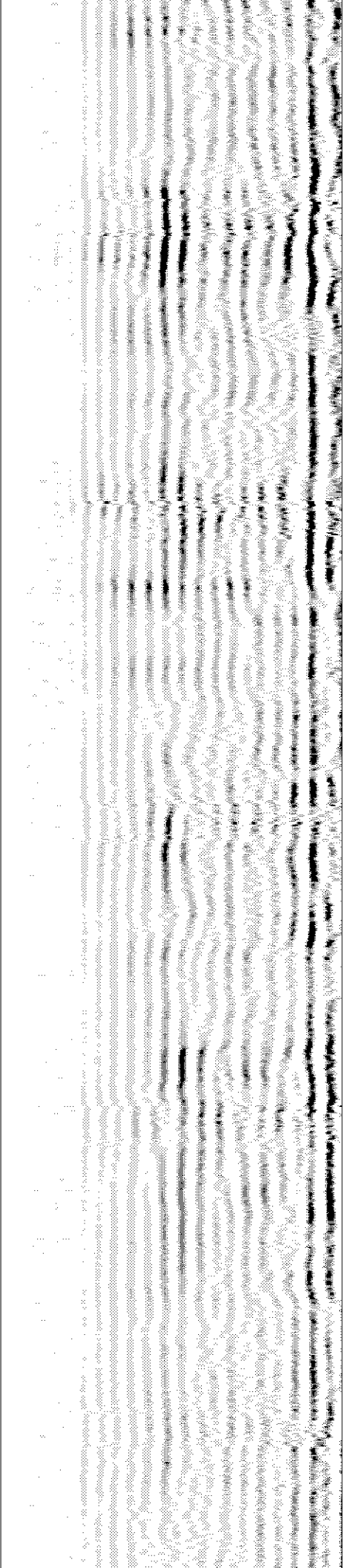
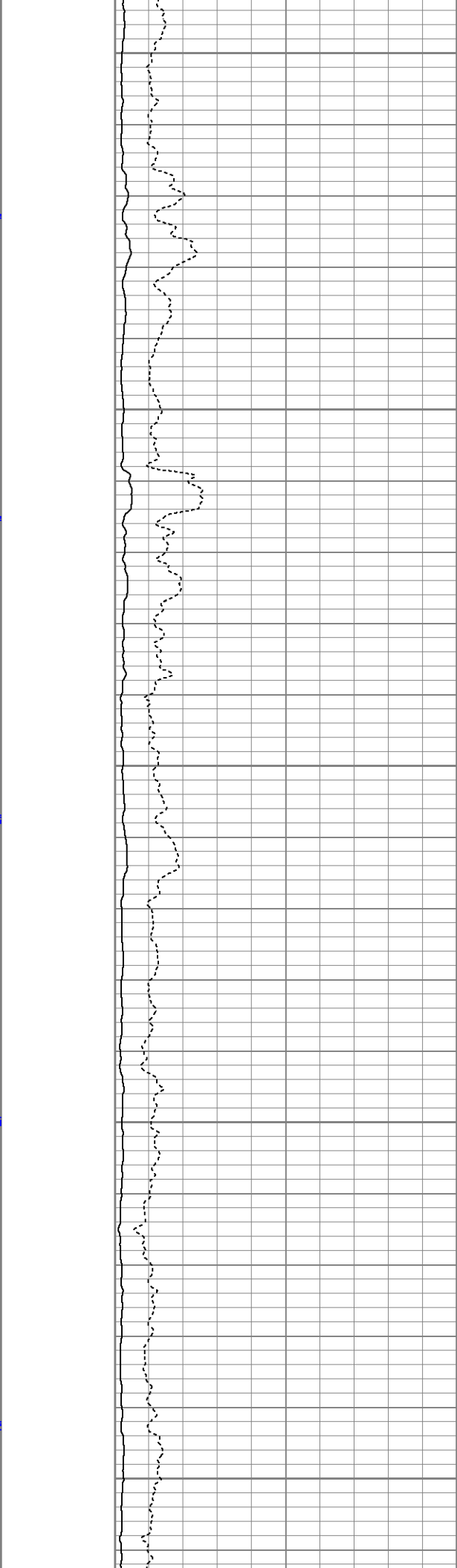
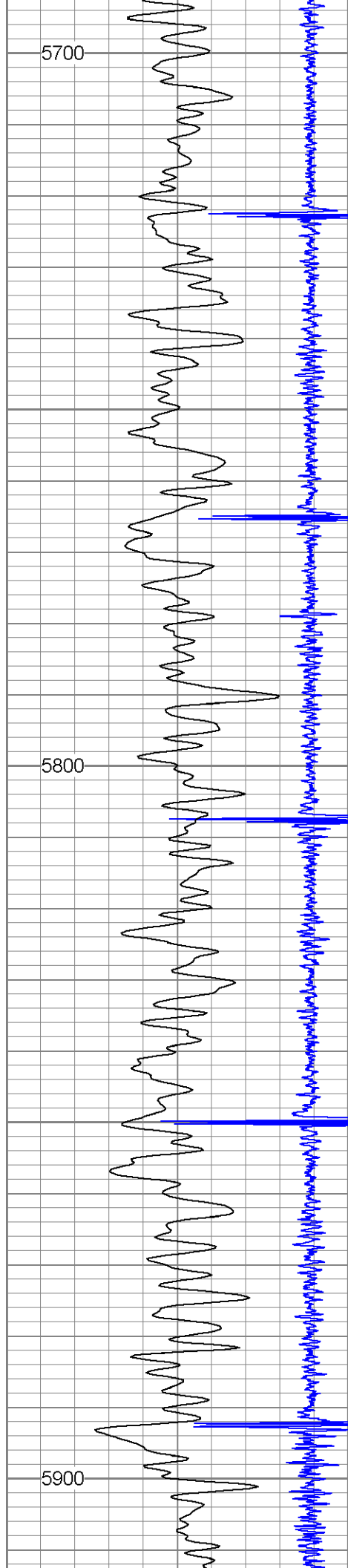


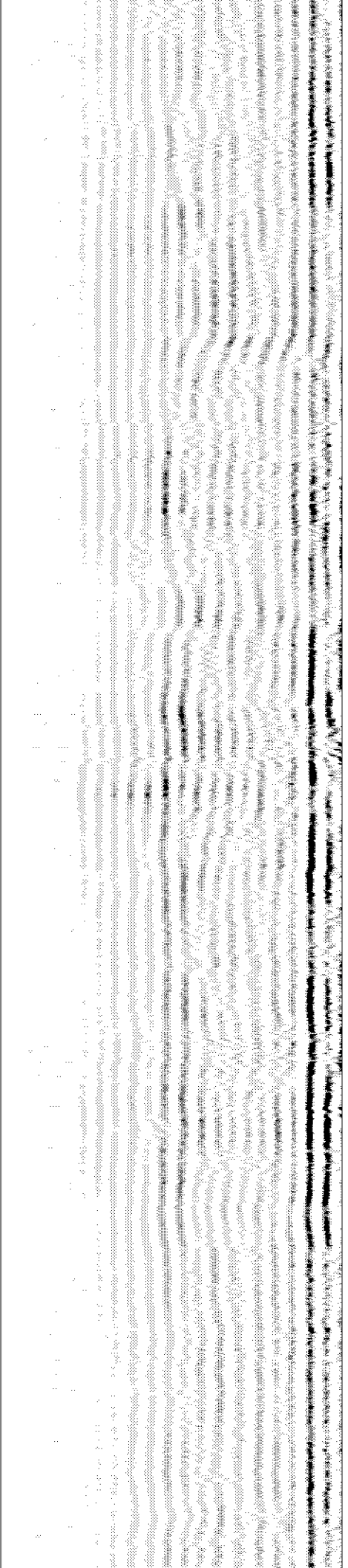
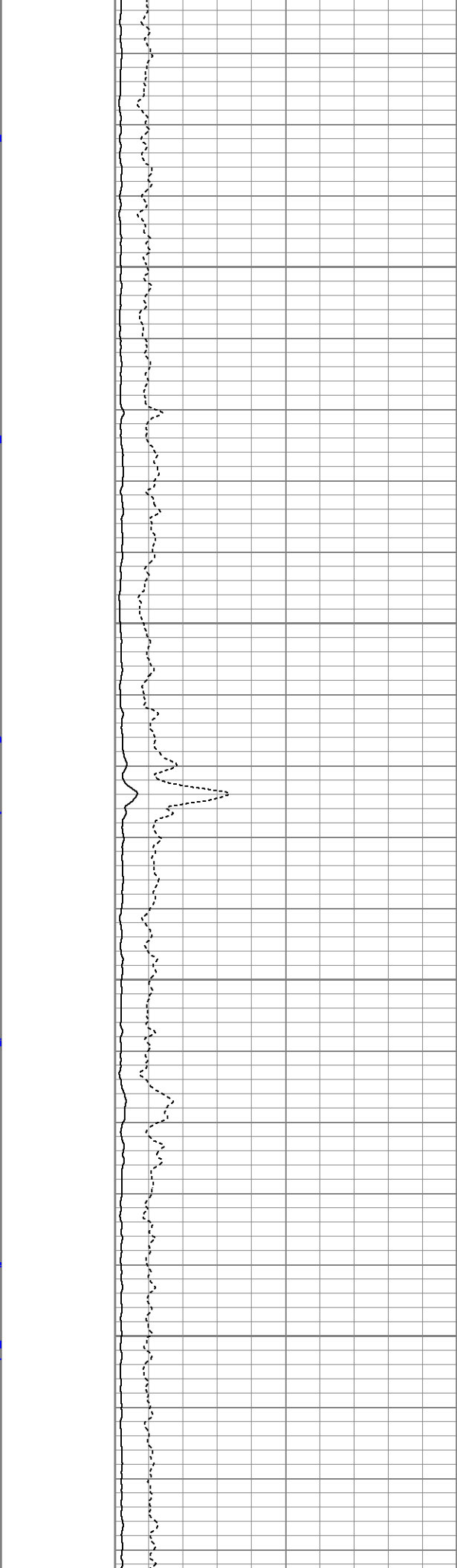
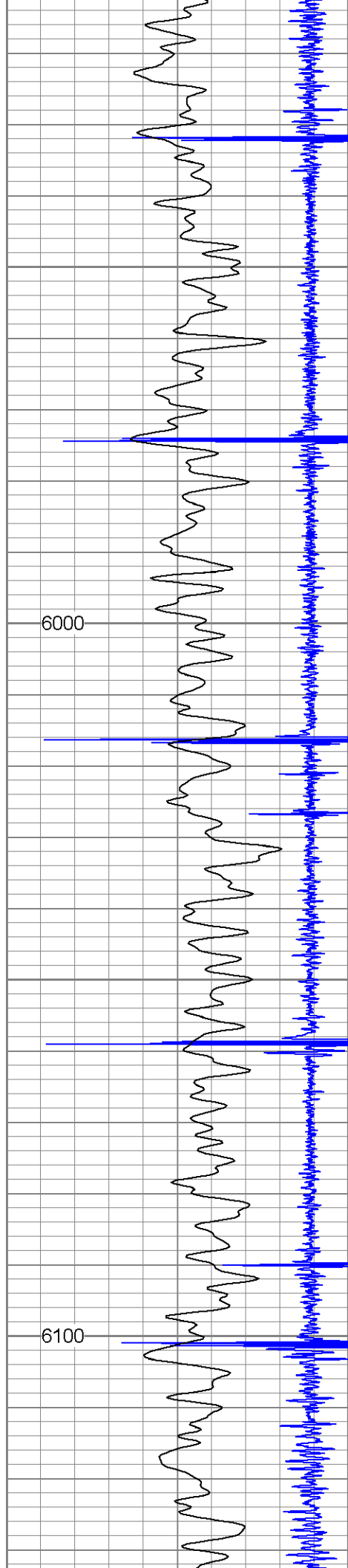


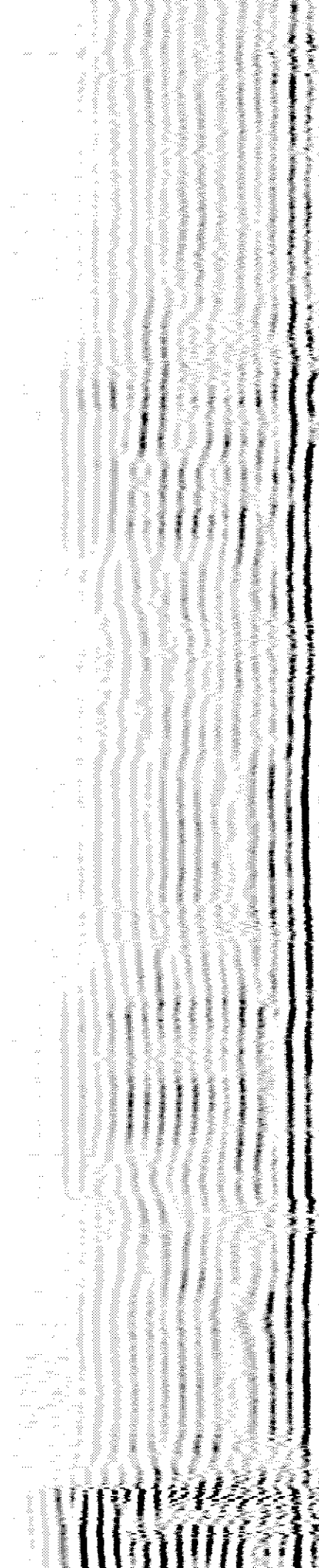
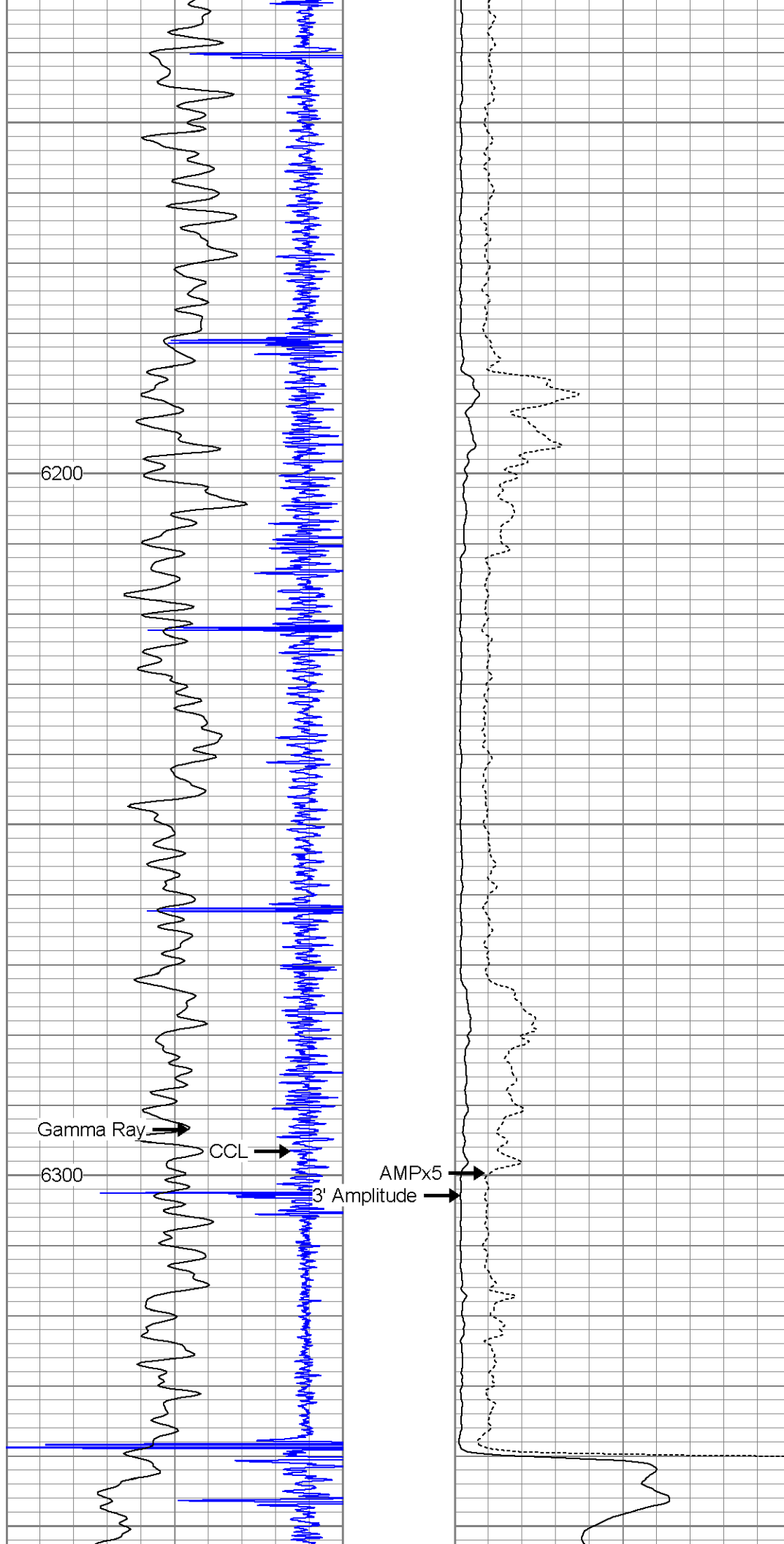


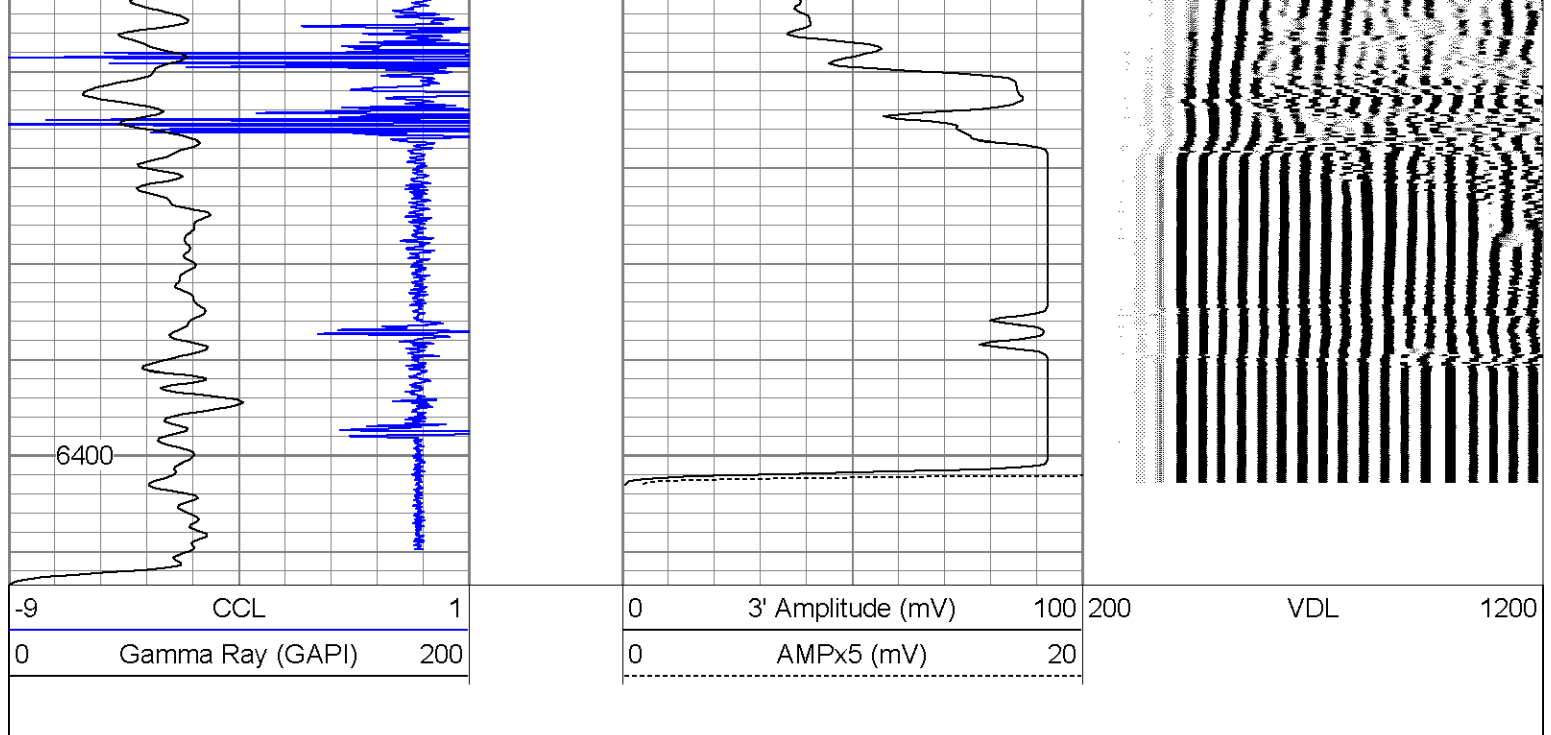












Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			PTS275	2.83	2.75	
WVF3FT	11.71		RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
WVFCAL	11.71					
WVFS1	11.71					
WVFS2	11.71					
WVFS3	11.71					
WVFS4	11.71					
WVFS5	11.71					
WVFS6	11.71					
WVFS7	11.71					
WVFS8	11.71					
WVF5FT	10.63					

			PTS275	2.83	2.75	
CCL	3.63					
			GR_CCL-Probe (111211) Probe Gamma CCL	4.54	2.75	100.00
GR	0.90					
<div> <div>Dataset:</div> <div>bruegmansoutheg34-021hn.db: field/well/run1/pass10</div> </div> <div> <div>Total Length:</div> <div>19.13 ft</div> </div> <div> <div>Total Weight:</div> <div>190.00 lb</div> </div> <div> <div>O.D.</div> <div>2.75 in</div> </div>						

<div>  <div> <div>PIONEER</div> <div>Pioneer Energy Services</div> </div> </div>		<div> <div>Company</div> <div>Great Western Oil and Gas</div> </div> <div> <div>Well</div> <div>Bruegman South EG 34-021 HN</div> </div> <div> <div>Field</div> <div>Wattenberg</div> </div> <div> <div>County</div> <div>Weld</div> </div> <div> <div>State</div> <div>Colorado</div> </div>
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