



CEMENT BOND LOG

Company	BILL BARRETT	Company	BILL BARRETT
Well	ANSCHUTZ EQUIS FARMS 4-62-9-4956C2	Well	ANSCHUTZ EQUIS FARMS 4-62-9-4956C2
Field	WATTENBERG	Field	WATTENBERG
County	WELD	County	WELD
State	COLORADO	State	COLORADO
Location:		API # : 05-123-42156-000	Other Services
SEC 9 TWP 4N RGE 62W		GROUND LEVEL Elevation 4526'	NONE
Permanent Datum	Log Measured From	KB = 16'	Elevation
Drilling Measured From	KB		K.B. 4542'
			D.F. 4541'
			G.L. 4526'

Date	1-FEBRUARY-2016										
Run Number			ONE								
Depth Driller			15974'								
Depth Logger			5962'								
Bottom Logged Interval			5958'								
Top Log Interval			SURFACE								
Open Hole Size			UNK								
Type Fluid			WATER								
Density / Viscosity			~8.34#/Gal								
Max. Recorded Temp.			N/A								
Estimated Cement Top			SEE LOG								
Time Well Ready			21:00								
Time Logger on Bottom			22:30								
Equipment Number			D7								
Location			MEAD, CO								
Recorded By			L. MAVROS								
Witnessed By			J. MARZ								
Borehole Record											
Run Number	Bit	From	To	Size	Weight	From	To				
Casing Record	Size		Wgt/Ft		Top		Bottom				
Surface String	UNK		UNK		UNK		UNK				
Prot. String	7"		23#		SURFACE		5755'				
Production String	4.5"		11.6#		5755'		15974'				
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

LOG CORRELATED AT LINER TOP AT 5755' PER COMPANY REP.

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CENT-Probe (PTS_MONO)	2.88	2.75	35.00
WVFS8	11.80		RBT-Probe (060632) Probe Radii Bond Tool with Digital Telemetry	9.17	2.75	90.00
WVFS7	11.80					
WVFS6	11.80					
WVFS5	11.80					
WVFS4	11.80					
WVFS3	11.80					
WVFS2	11.80					
WVFS1	11.80					
WVFCAL	11.80					
WVF3FT	11.80					
WVF5FT	10.72					
			CENT-Probe (PT_MONO2)	2.88	2.75	35.00
CCL	3.64					
			GR-Probe (060719) Probe 2.75" 4 Channel Pulse	4.58	2.75	30.00
GR	0.90					



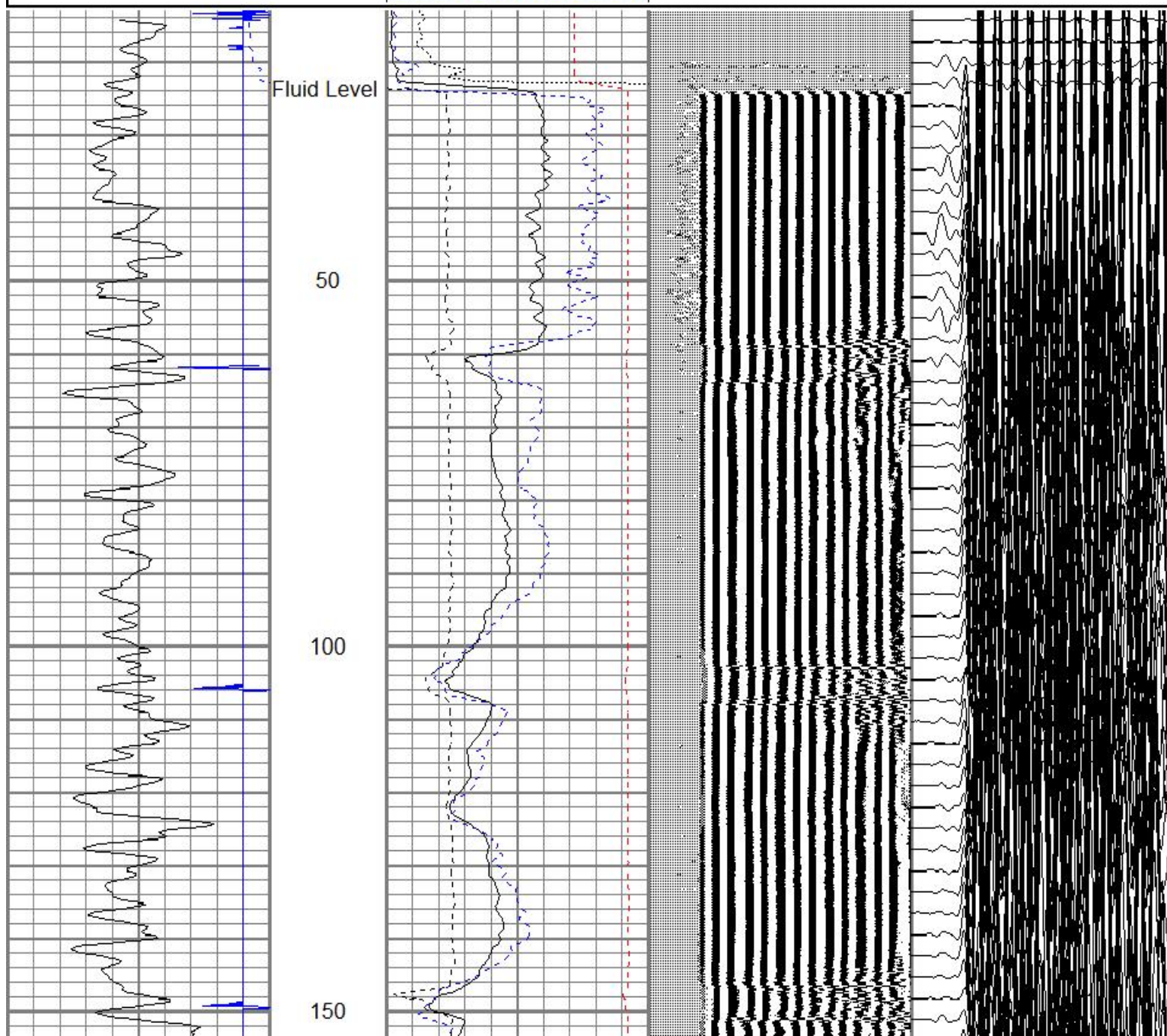


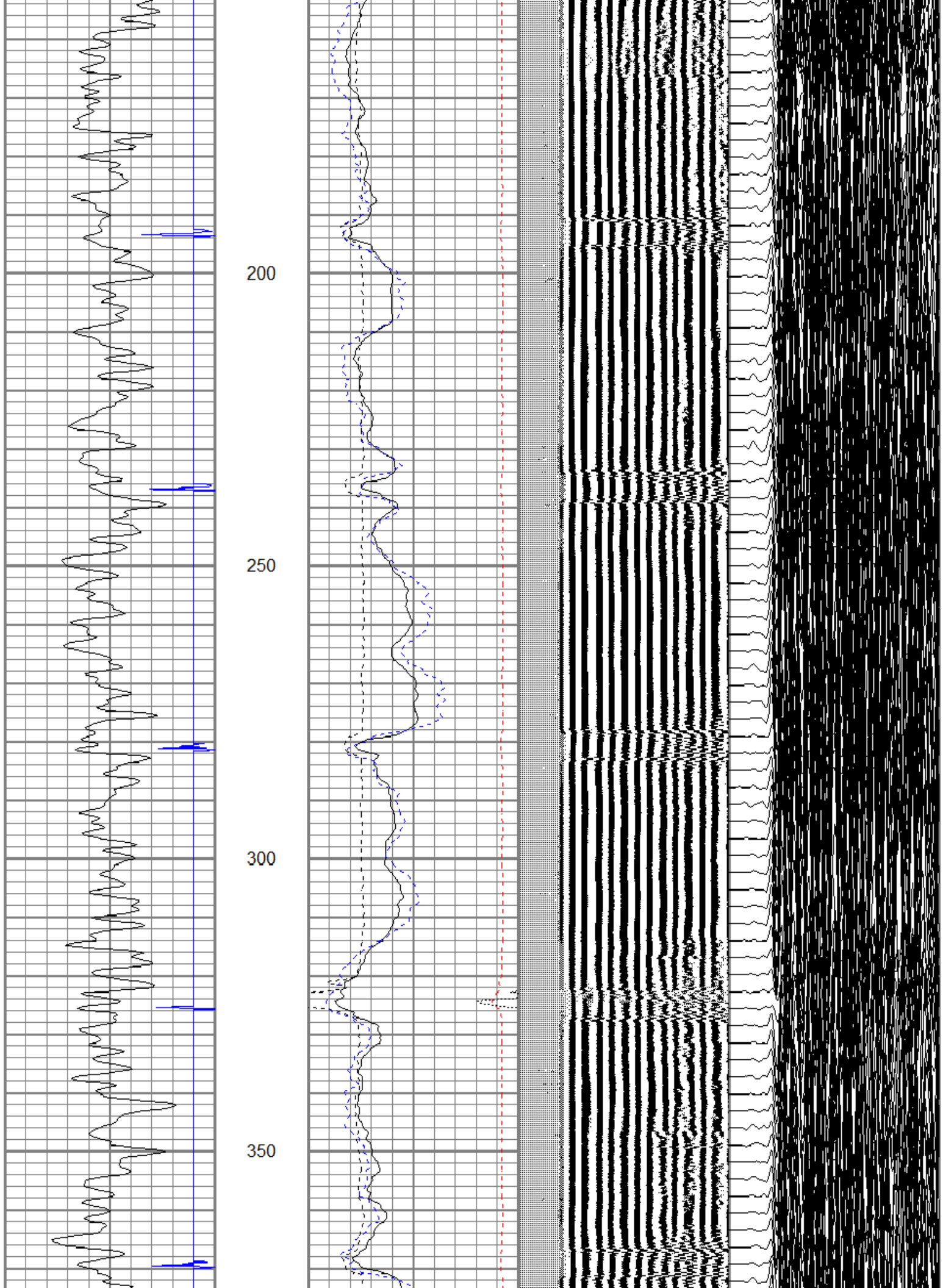
# MAIN LOG PASS

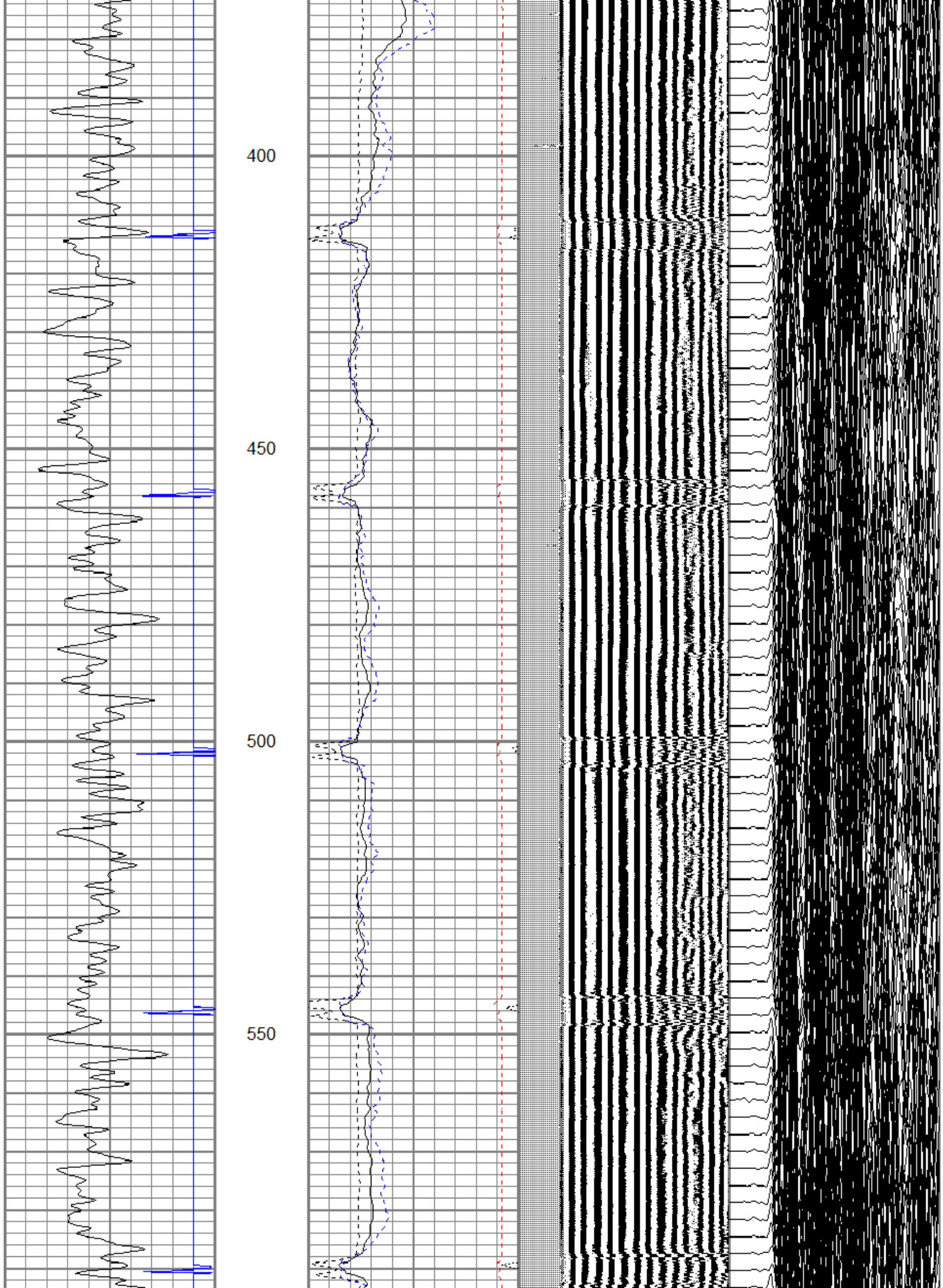
## ZERO PSI AT SURFACE

Database File      anschutz\_equis\_farms\_4-62-9\_sws\_4956c2.db  
 Dataset Pathname    pass3.2  
 Presentation Format    cbl7inplo  
 Dataset Creation    Mon Feb 01 23:33:32 2016  
 Charted by          Depth in Feet scaled 1:240

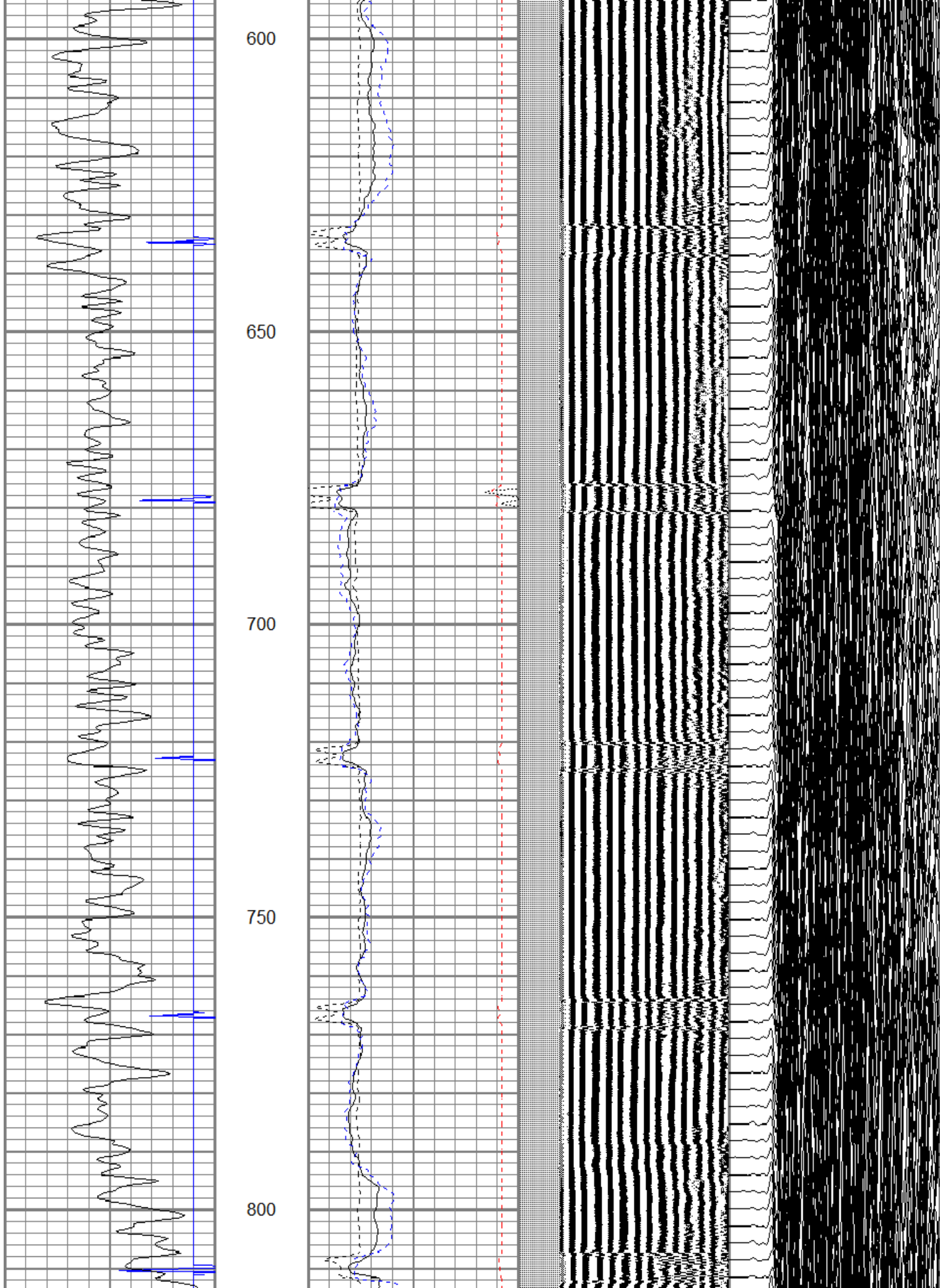
9	Collar Locator	-1	0	Amplitude X5 (mV)	16	200	VDL	1200	200	WVF5FT	1200
	Gamma Ray		0	Amplitude (mV)	100						
0	(GAPI)	200	1200	TT3FT (usec)	200						
5	BONDIX	0.5		Travel Time X10							
			300	(usec)	200						
			0	FAramp (mV)	80						

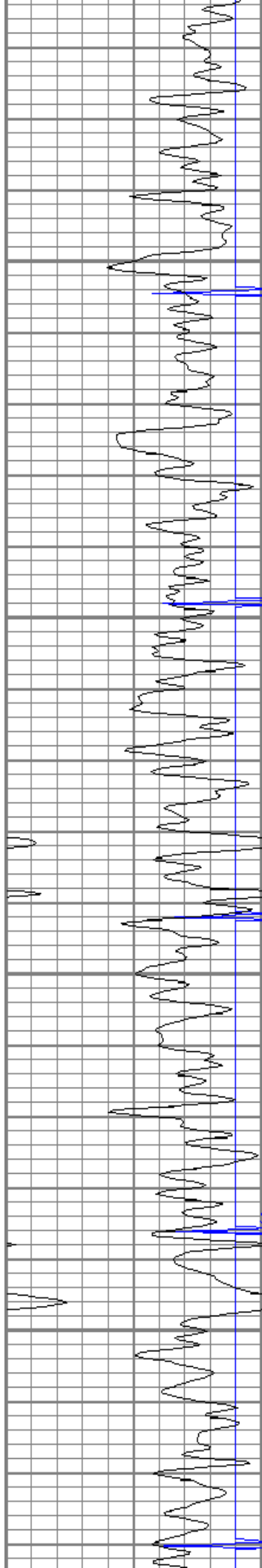










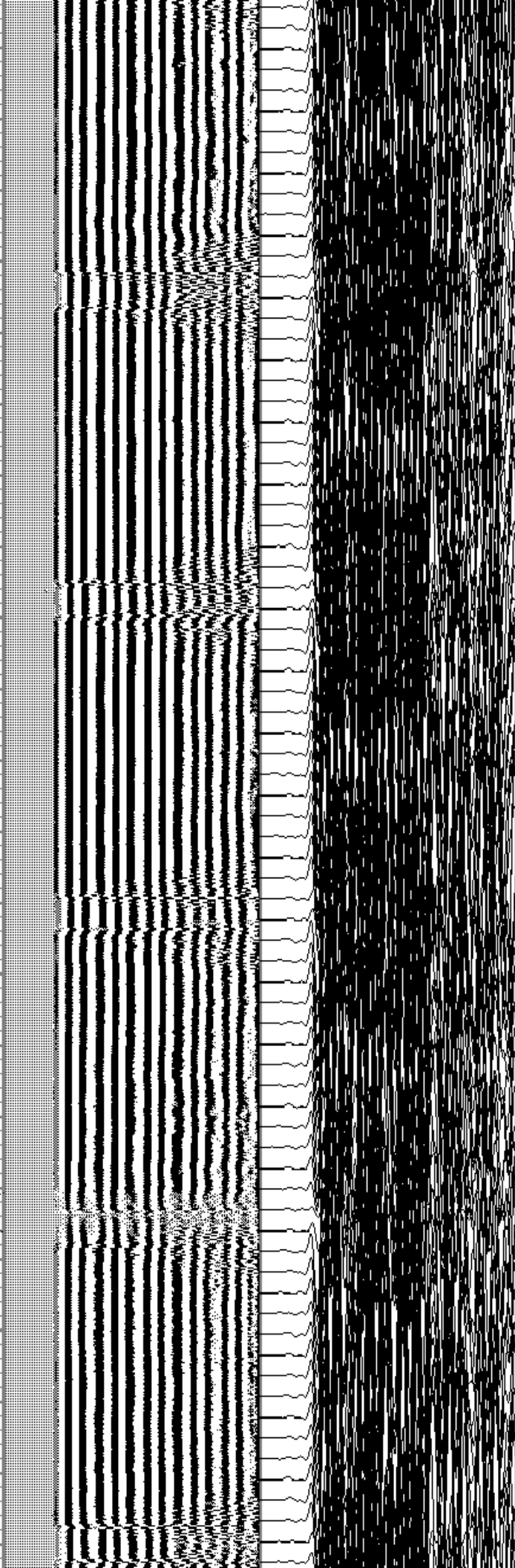
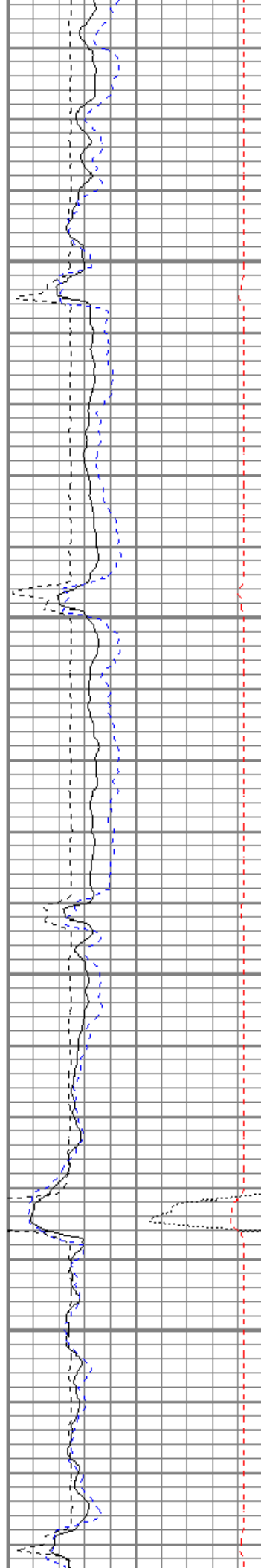


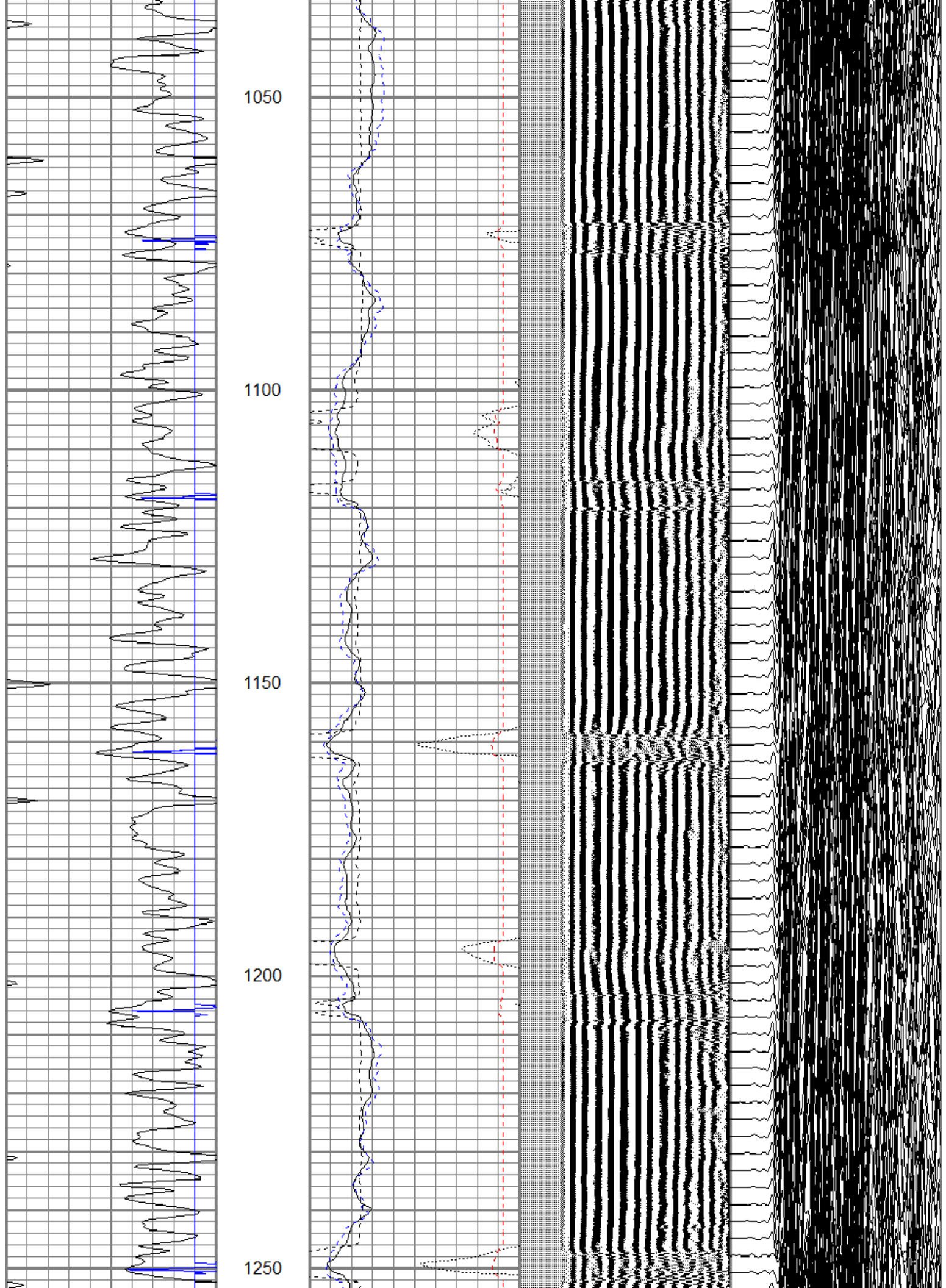
850

900

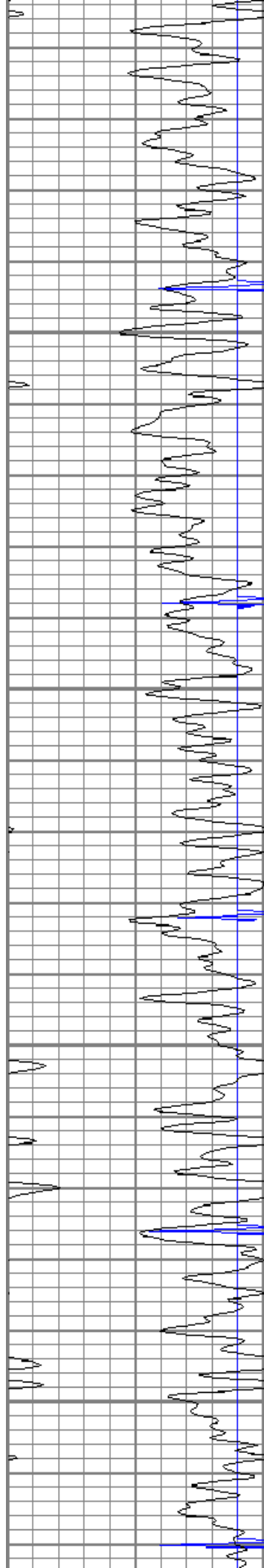
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1000







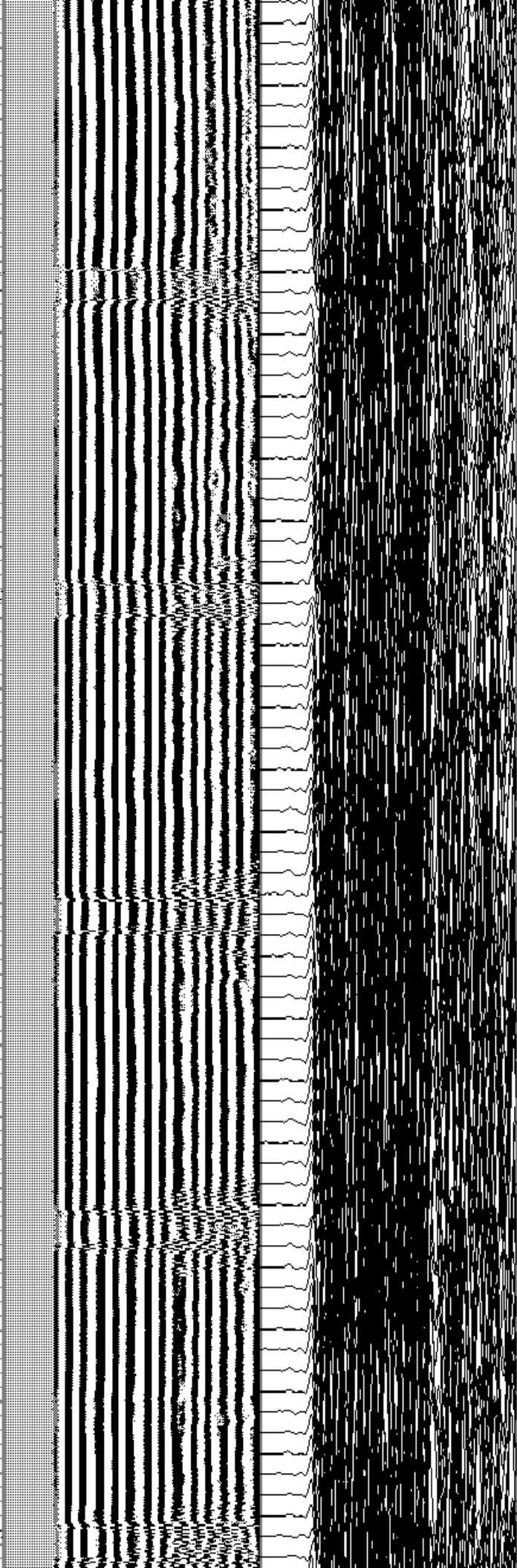
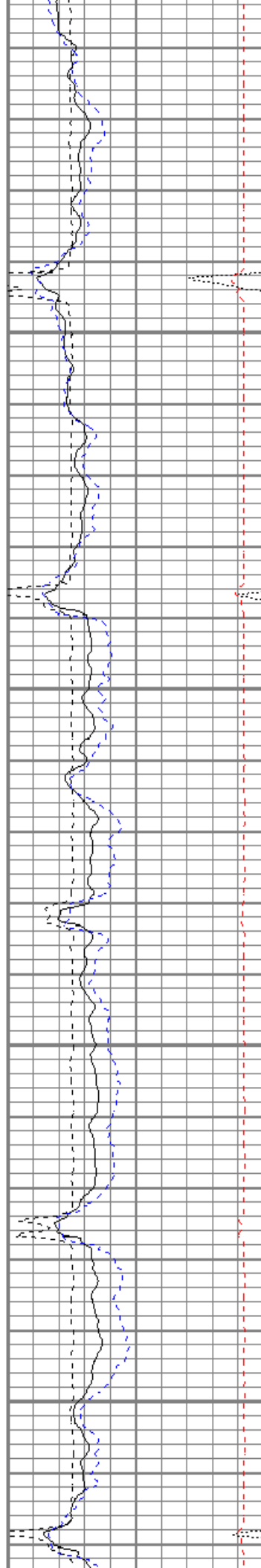


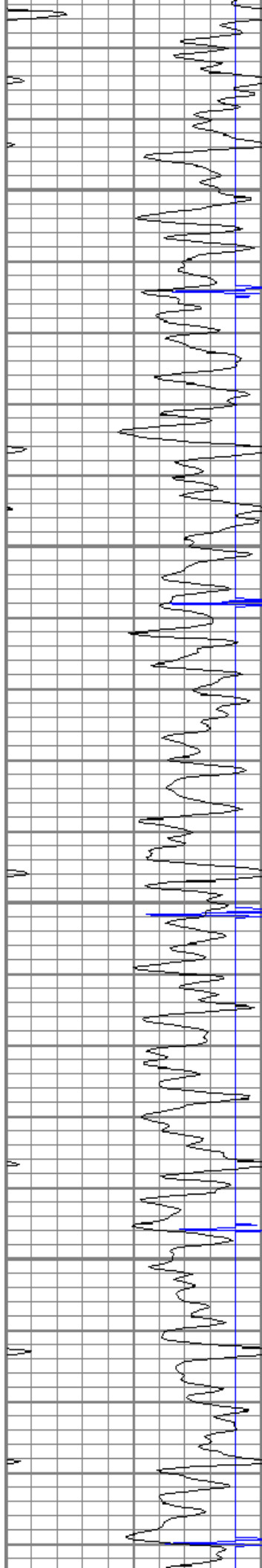
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1350

1400

1450



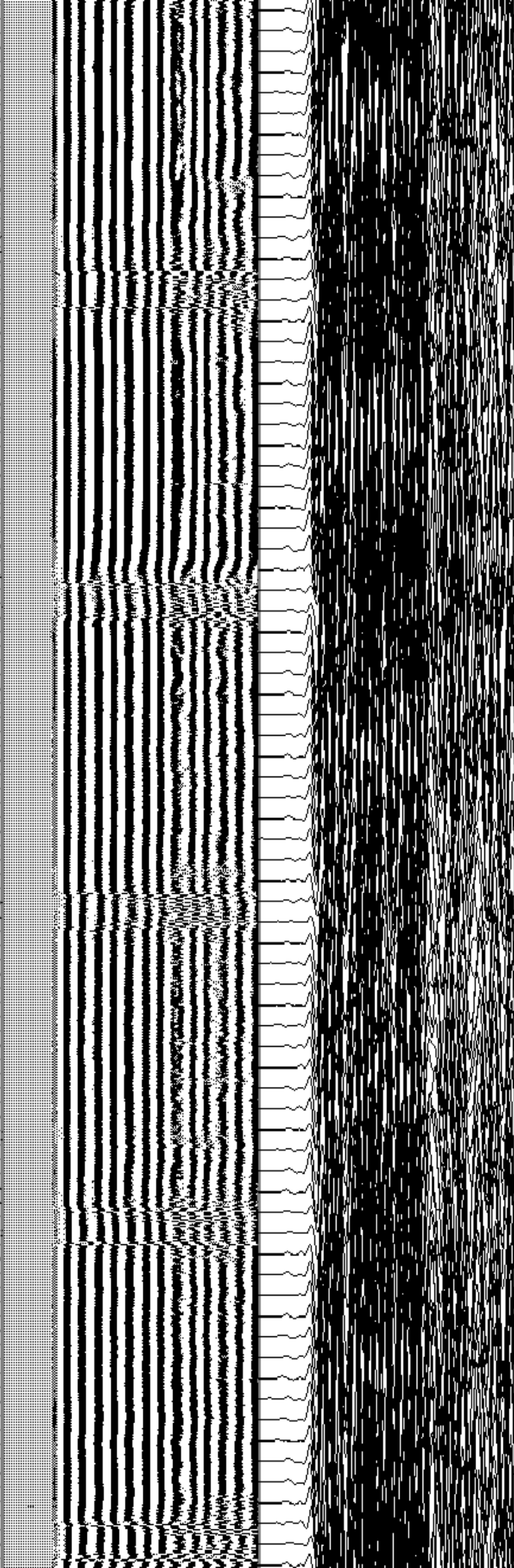
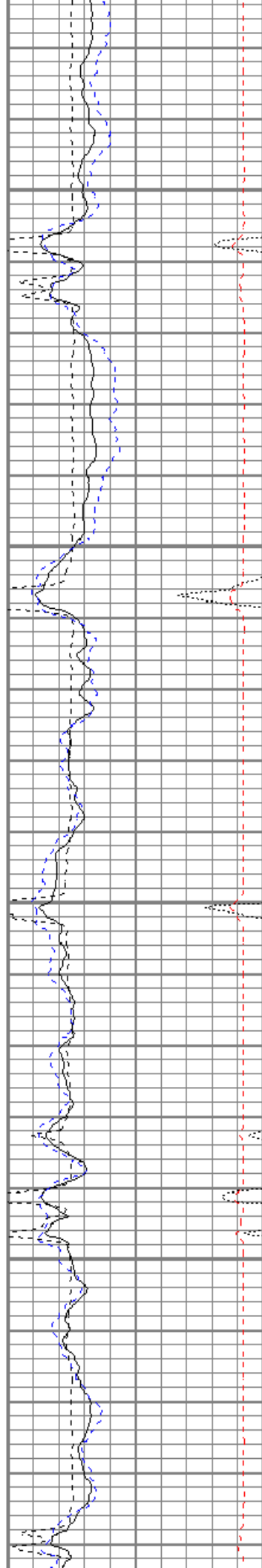


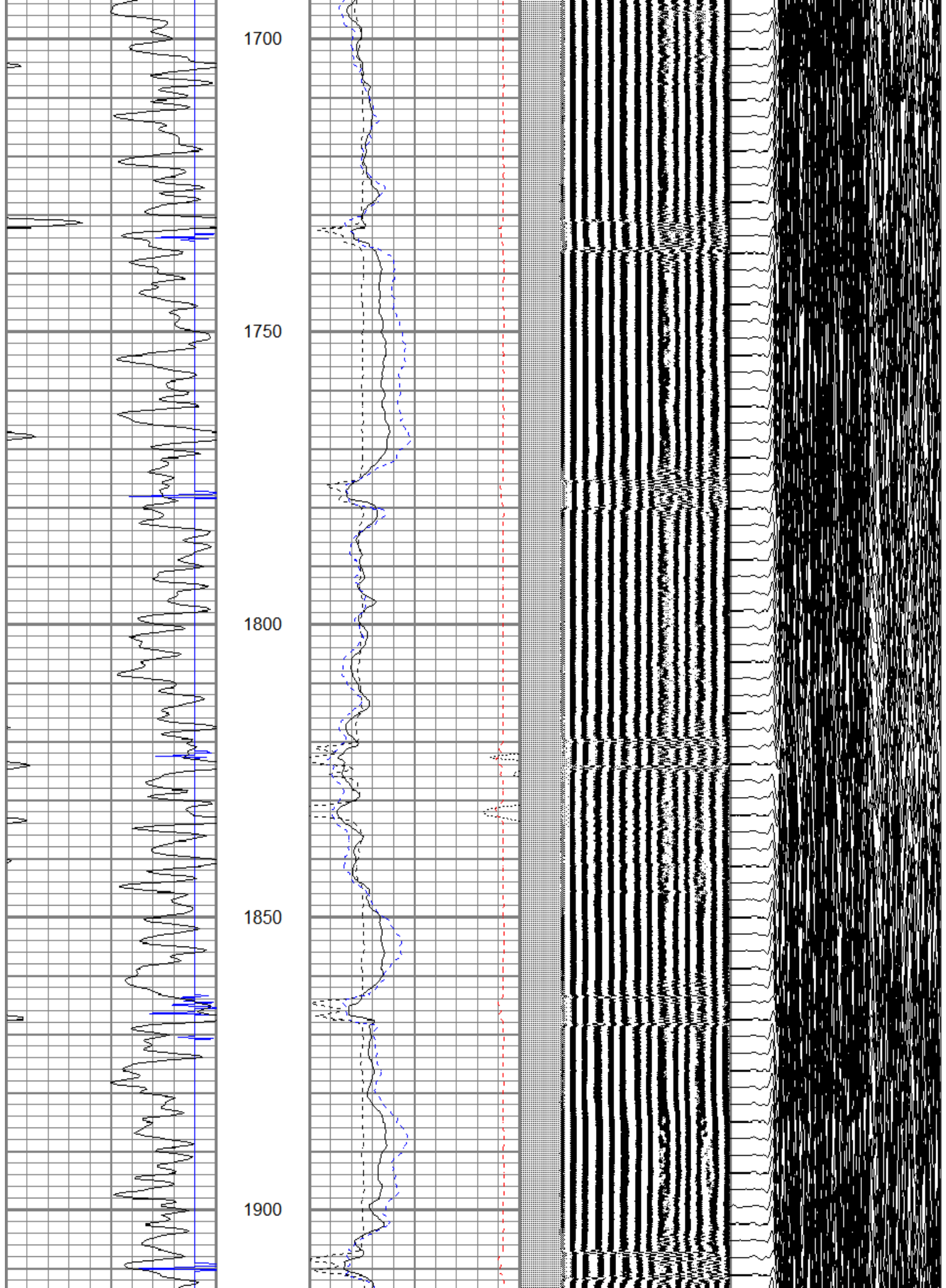
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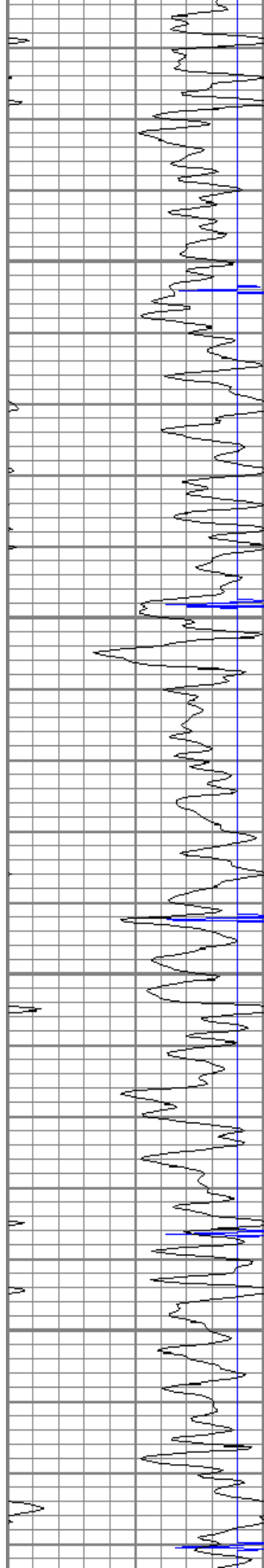
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1650







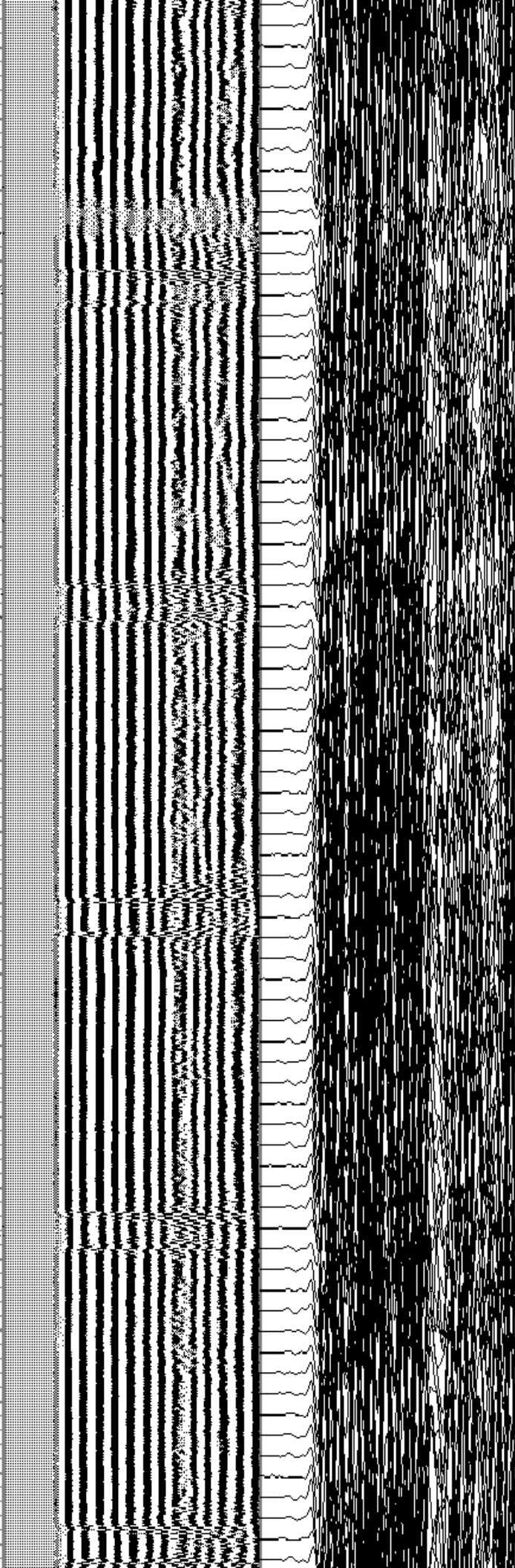
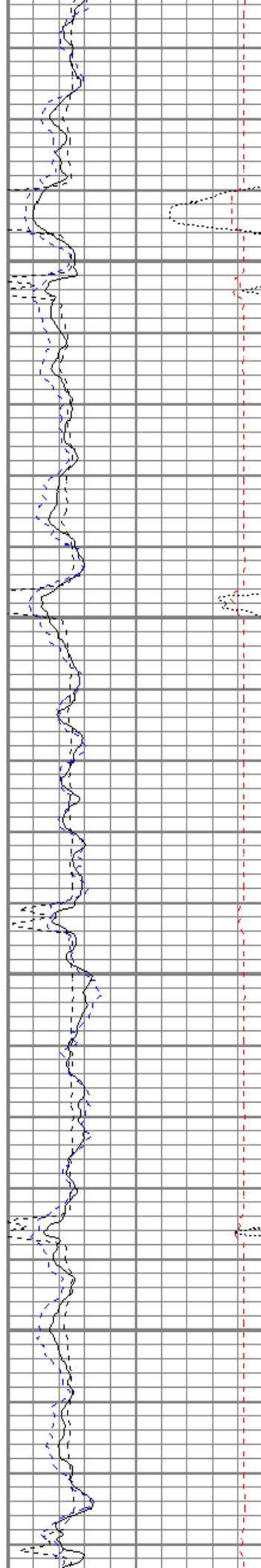


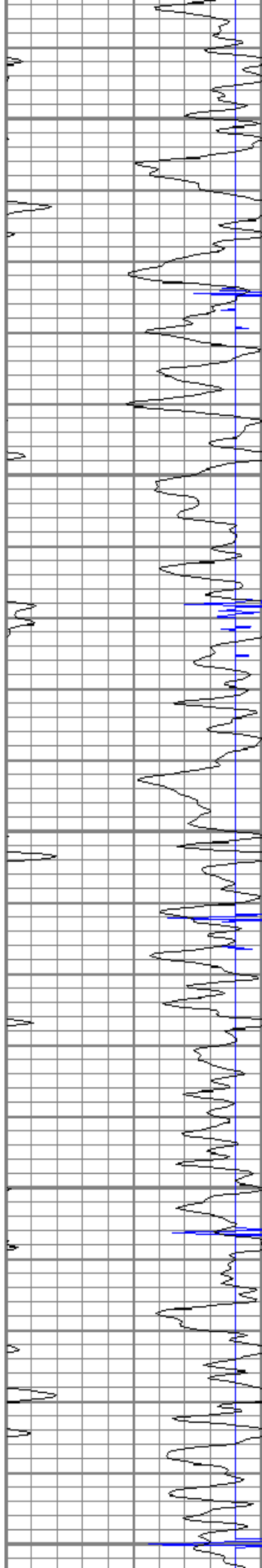
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2000

2050

2100





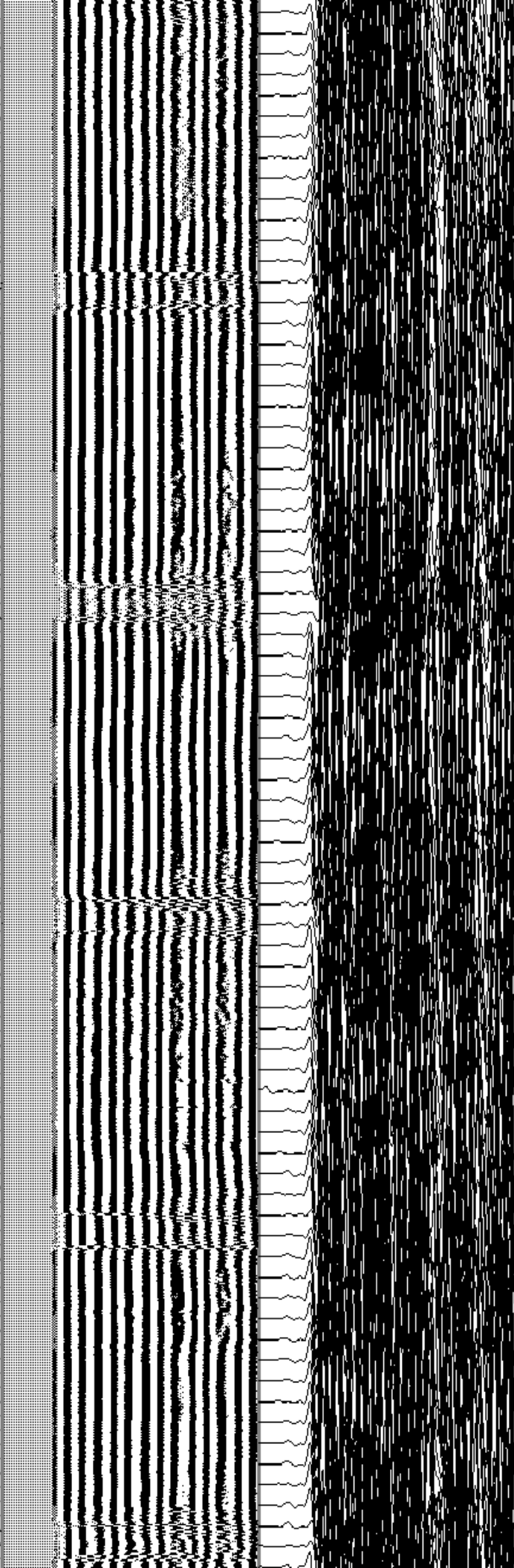
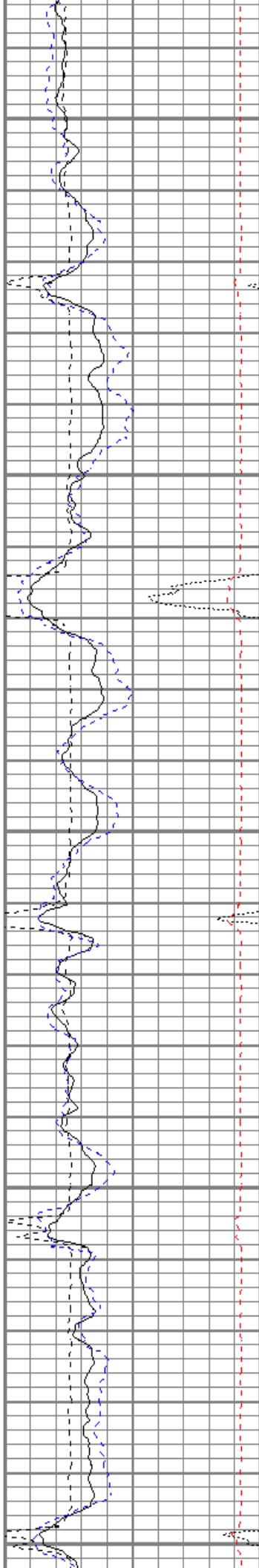
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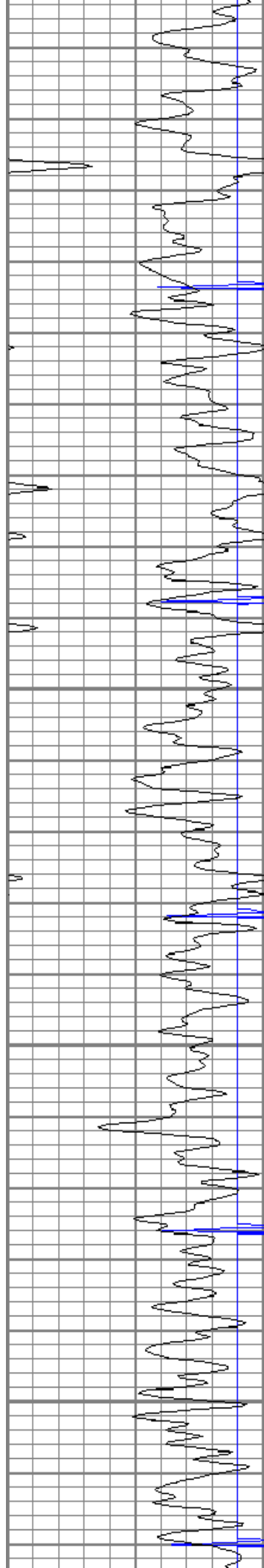
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2250

2300

2350



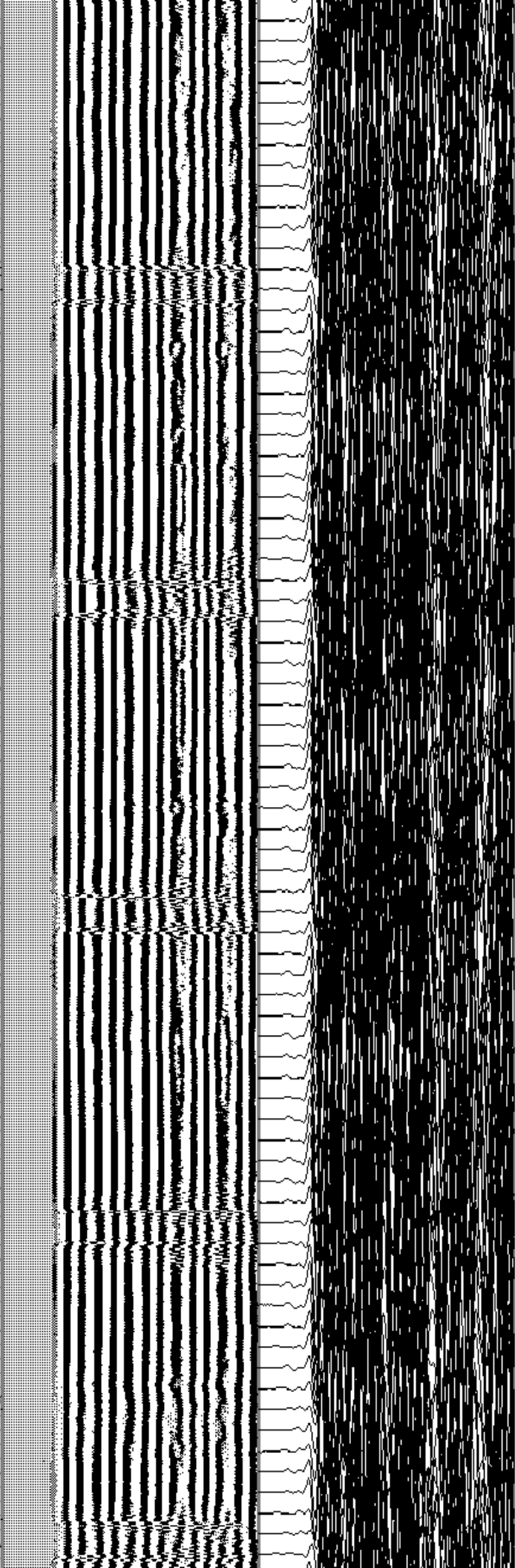
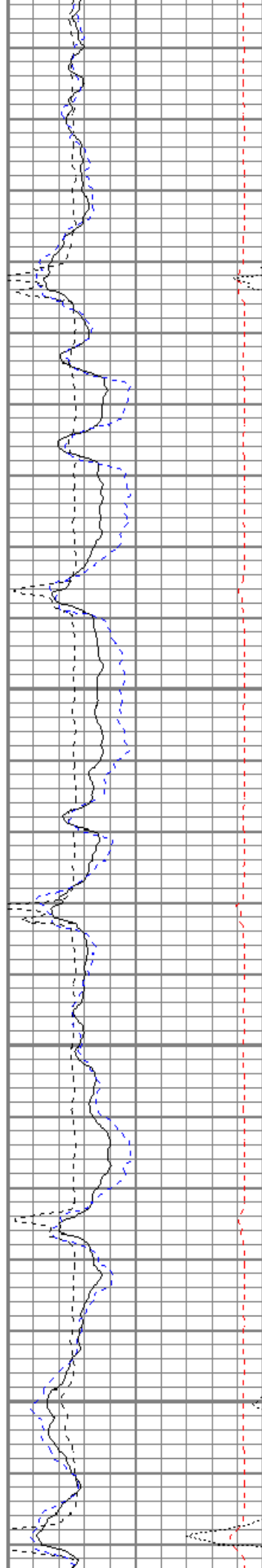


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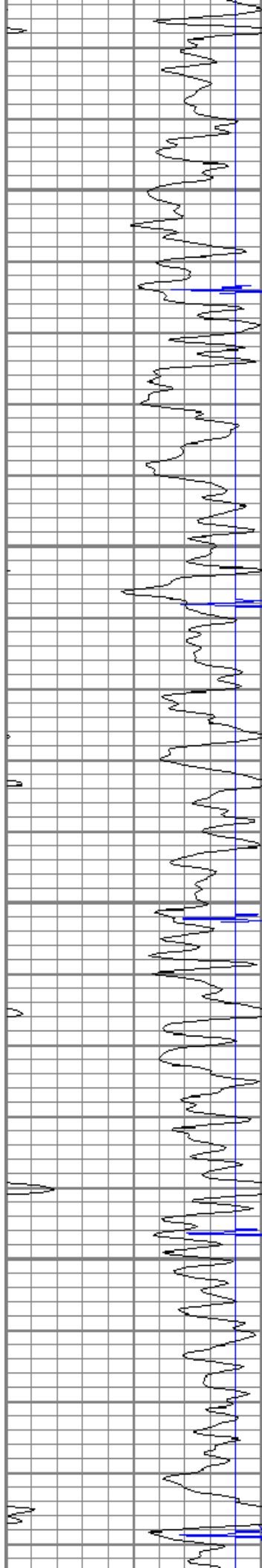
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2500

2550





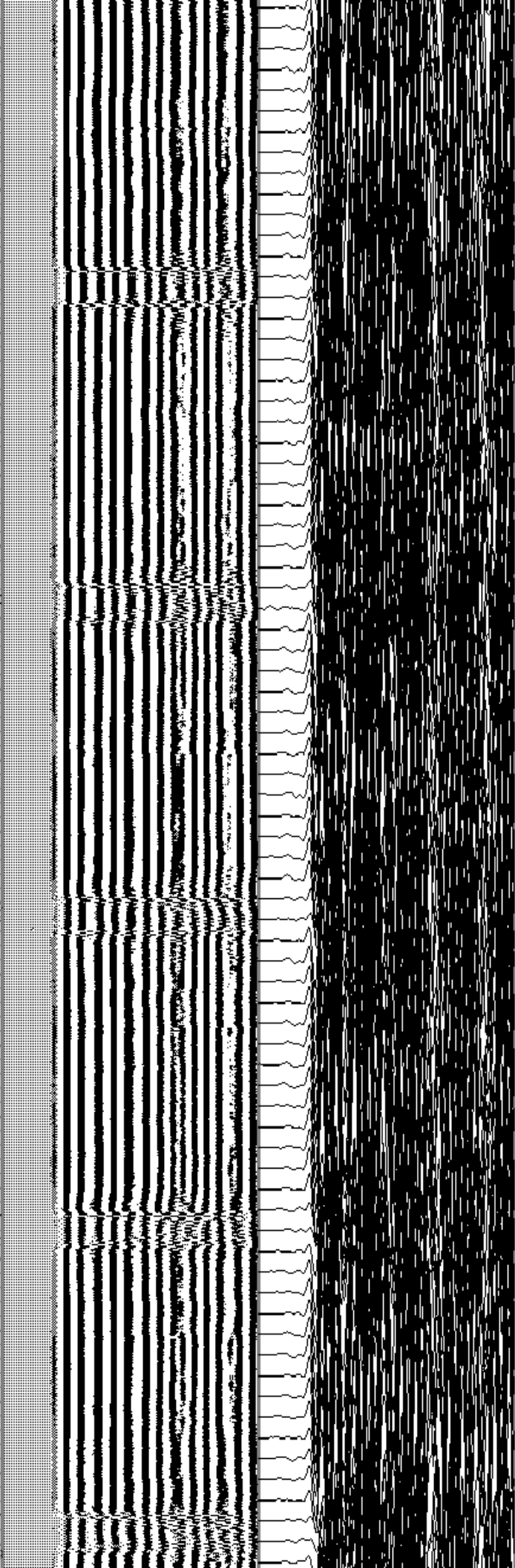
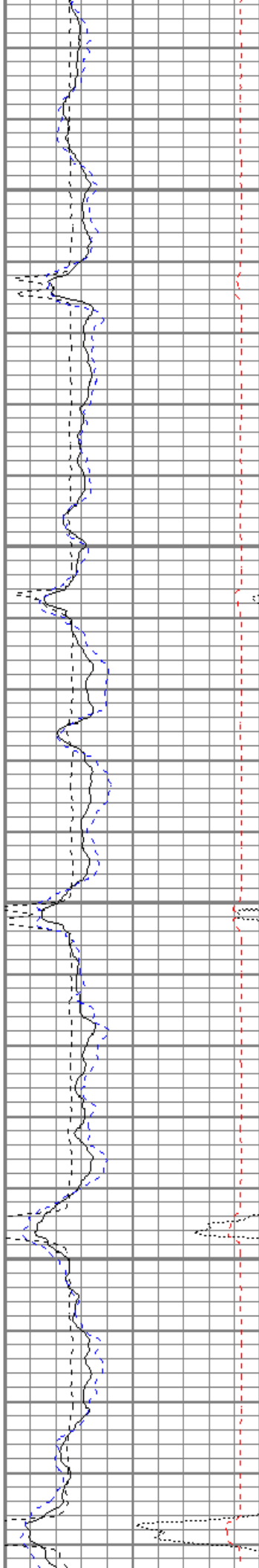


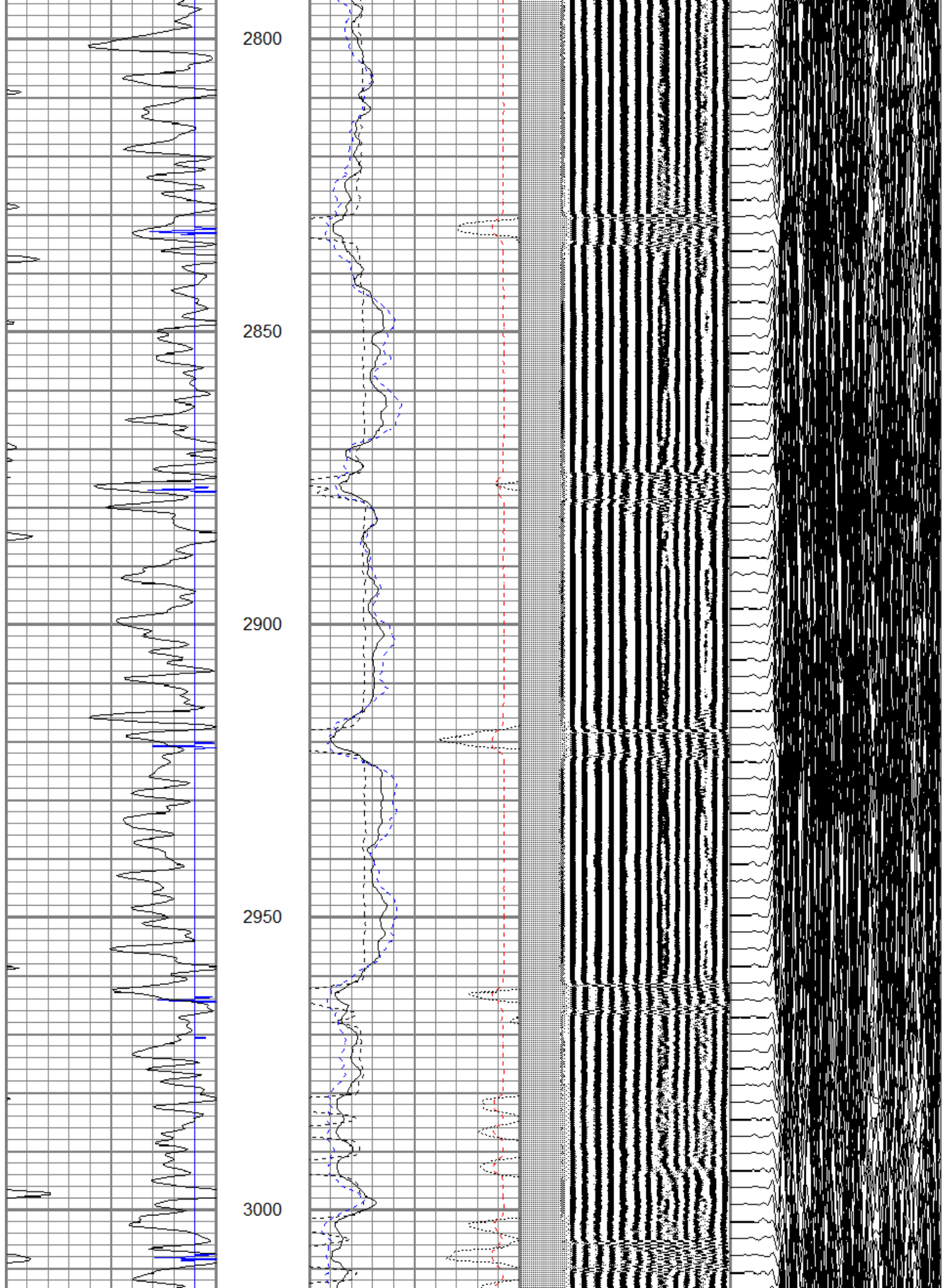
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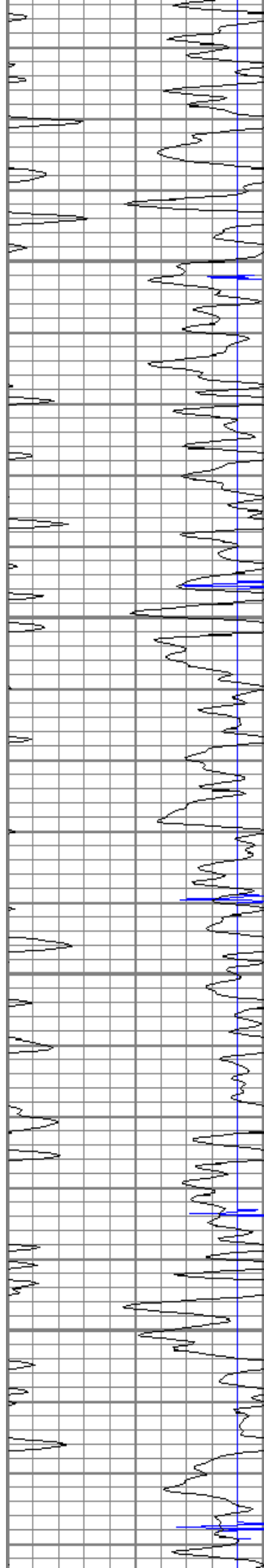
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2700

2750





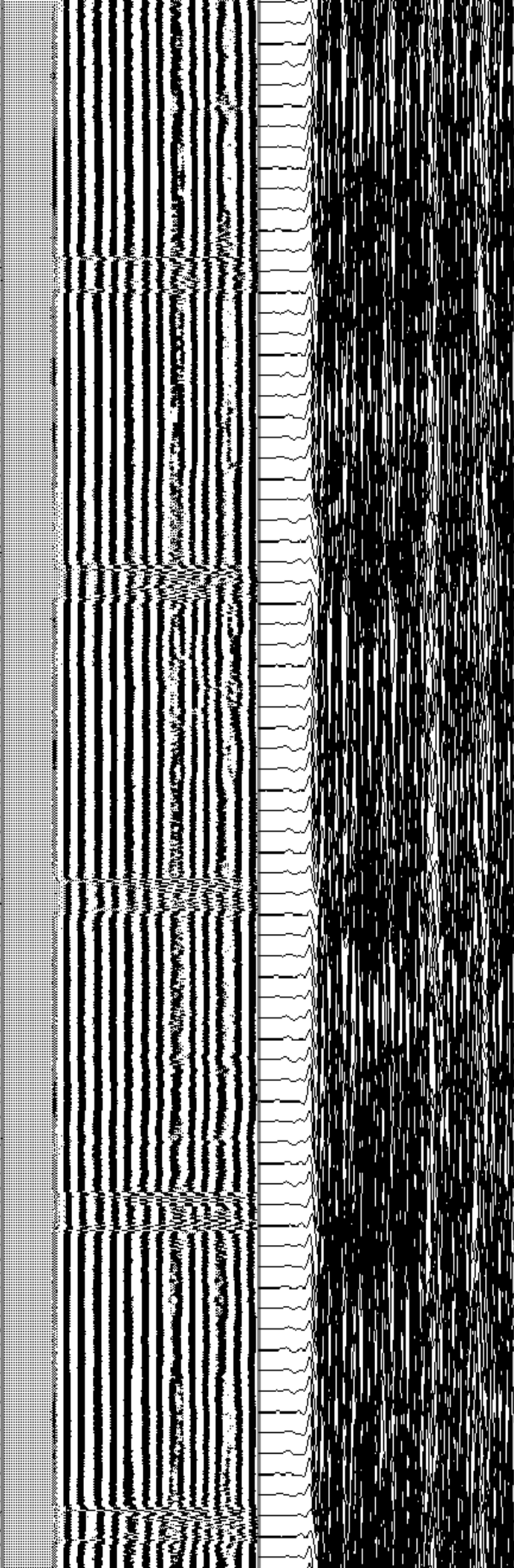
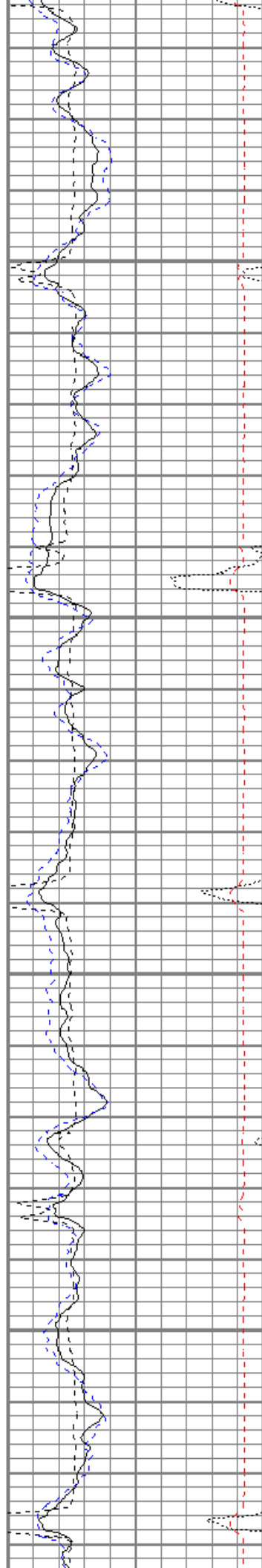


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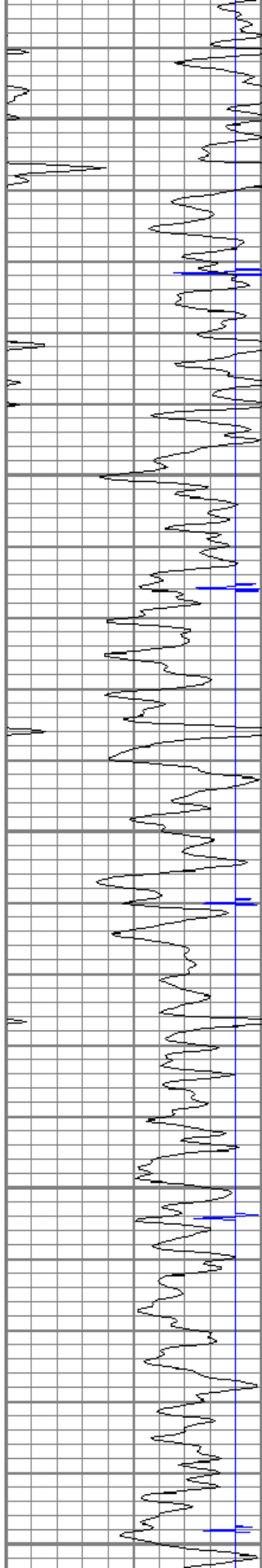
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3150

3200







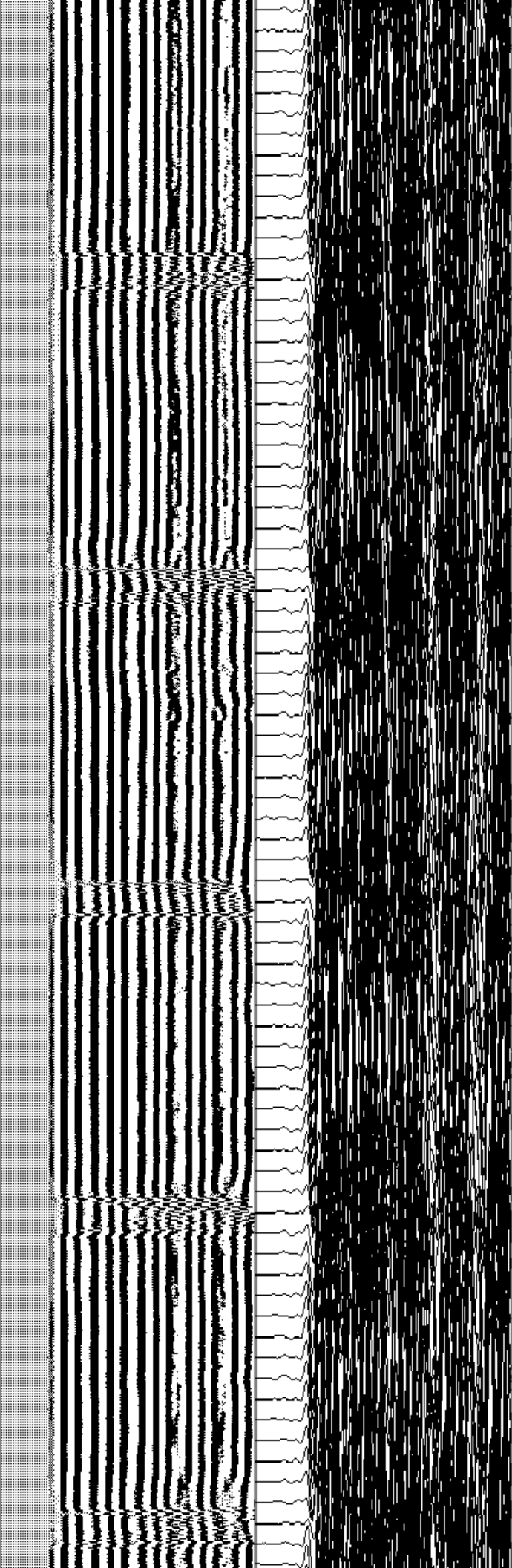
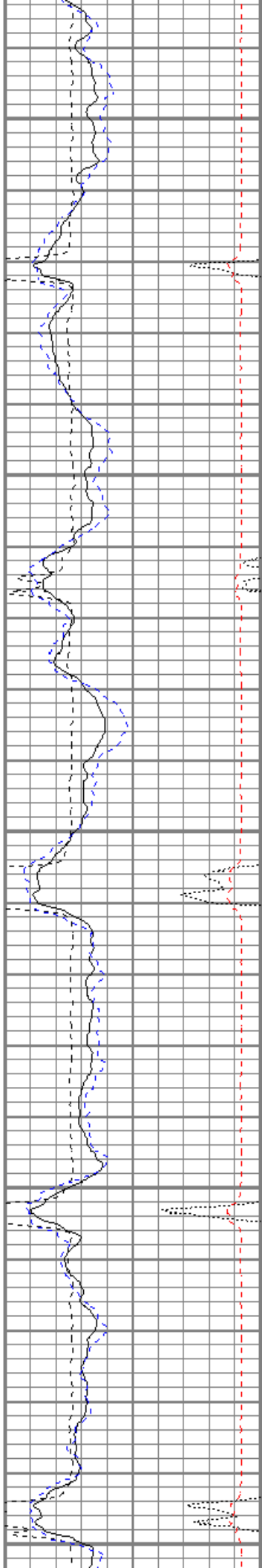
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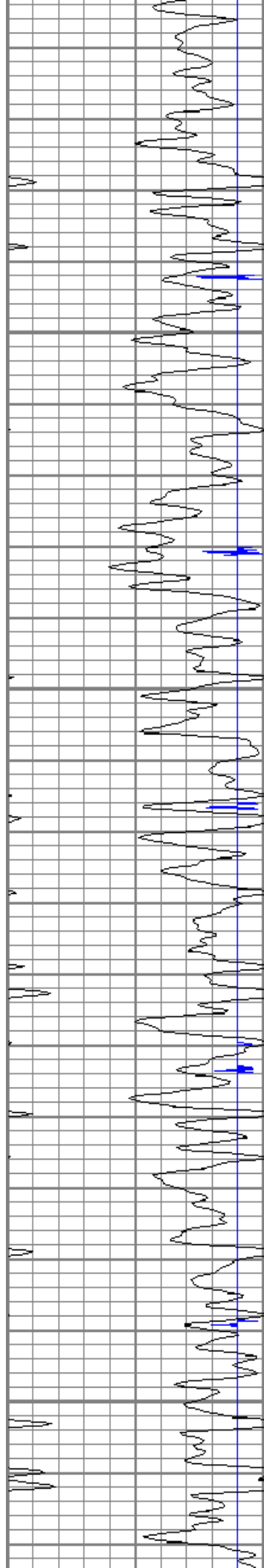
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3350

3400

3450



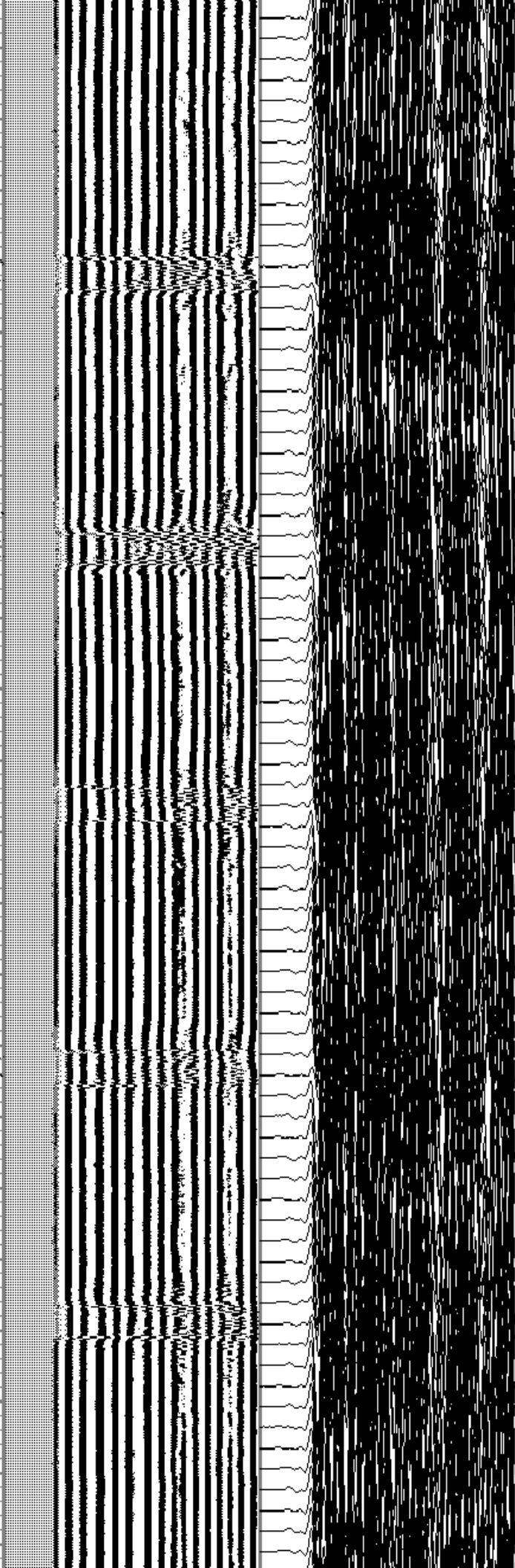
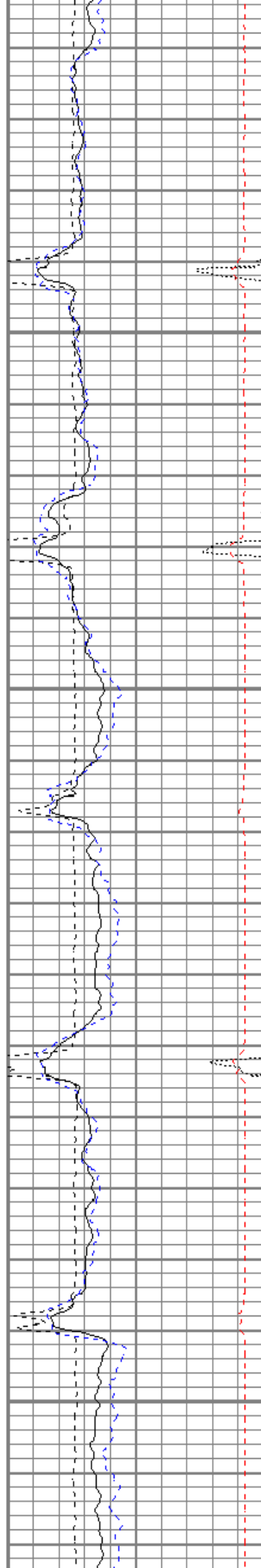


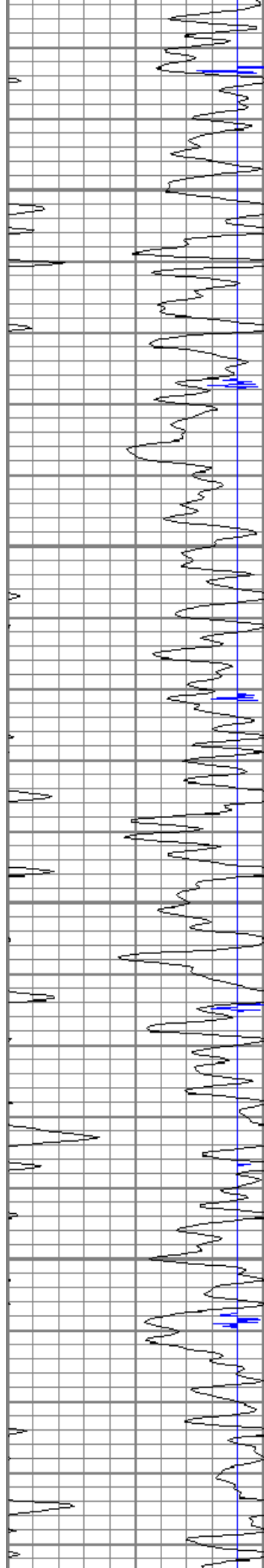
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3550

3600

3650



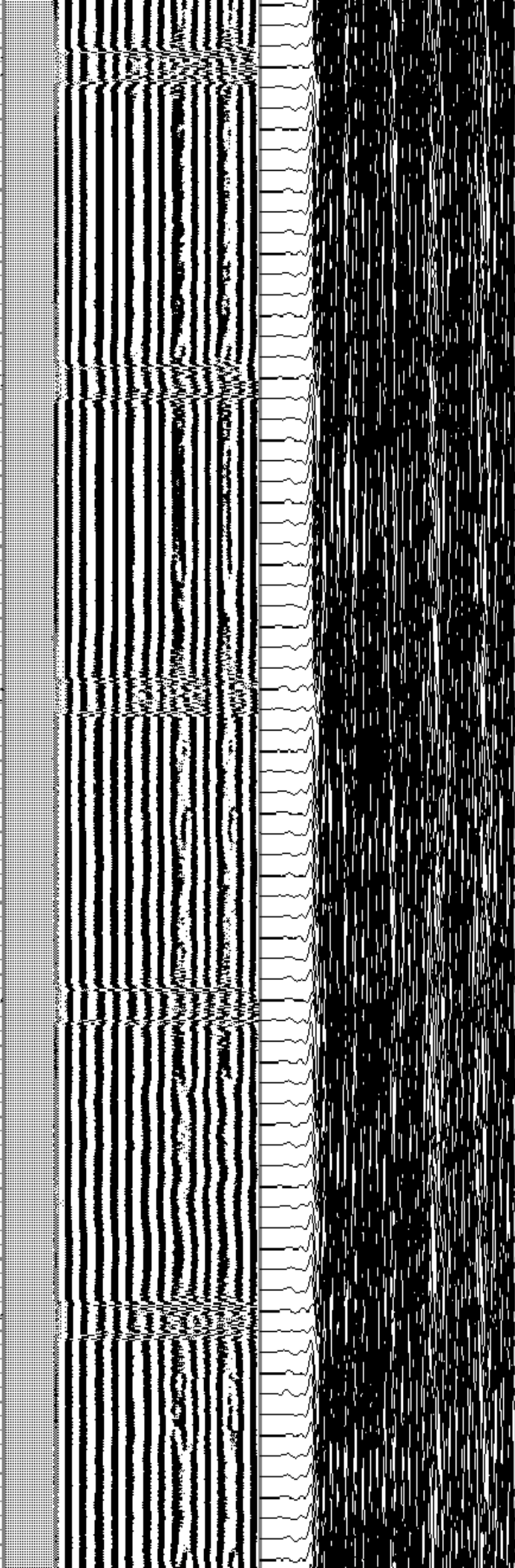
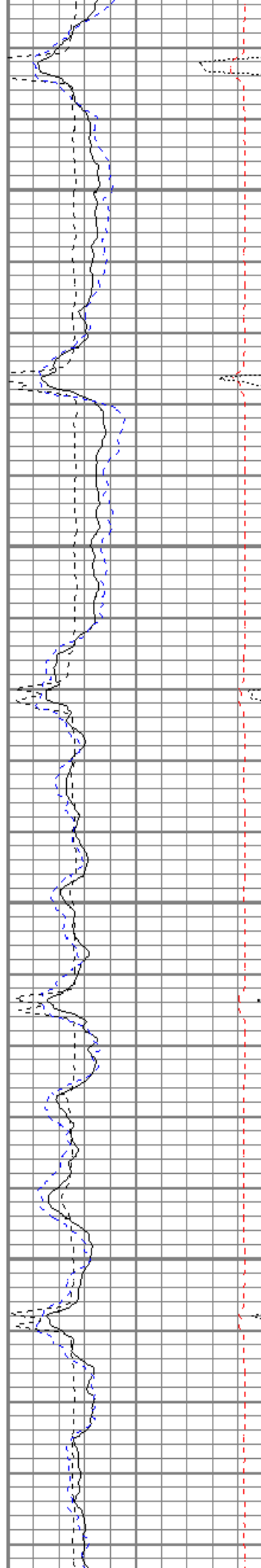


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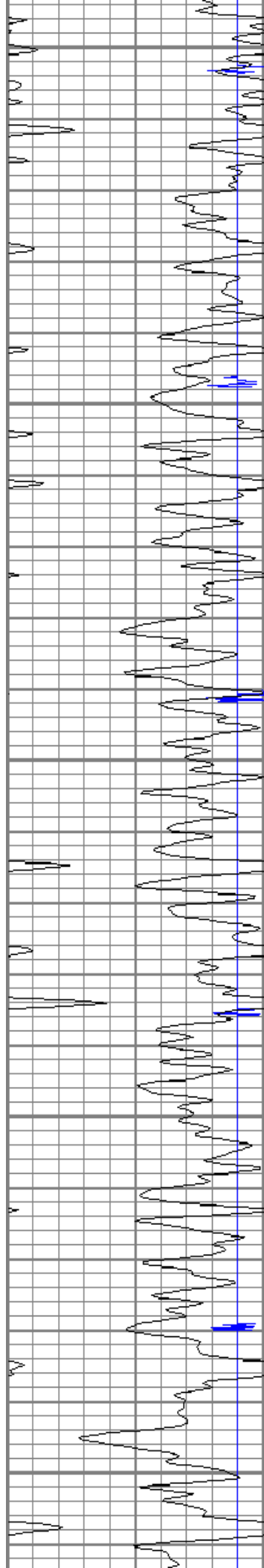
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3800

3850







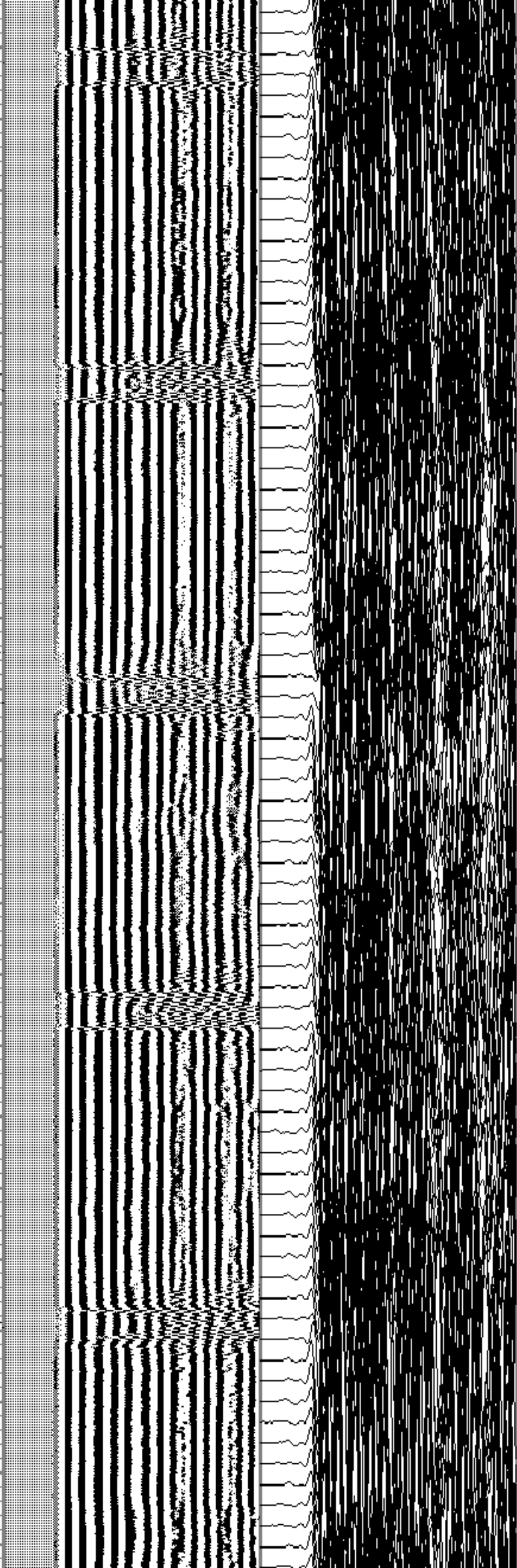
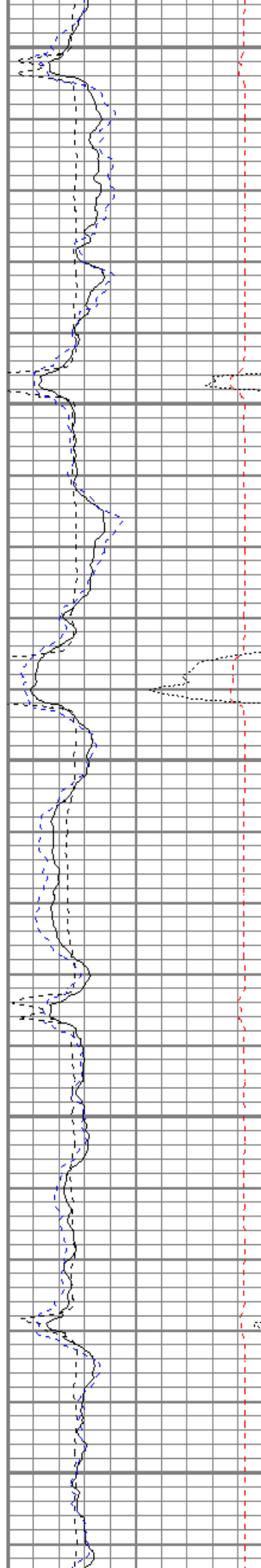
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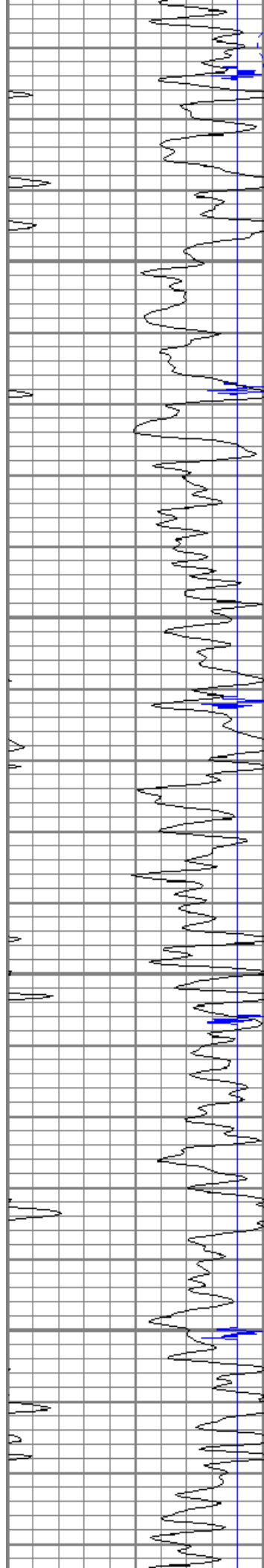
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4000

4050

4100



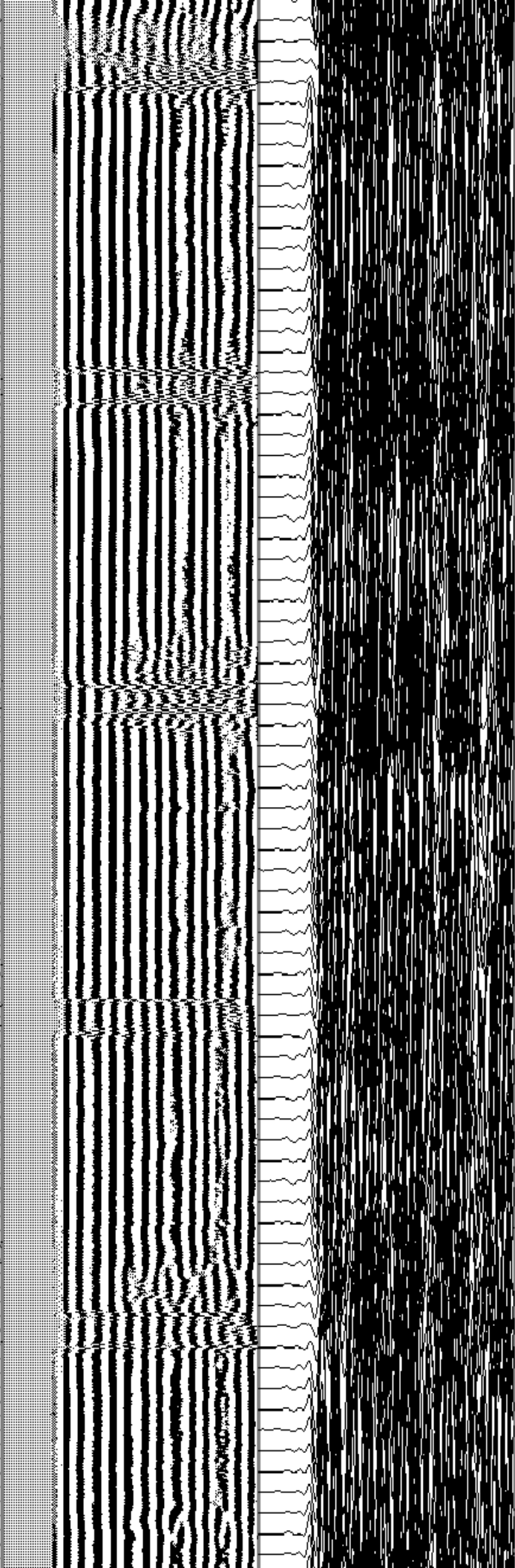
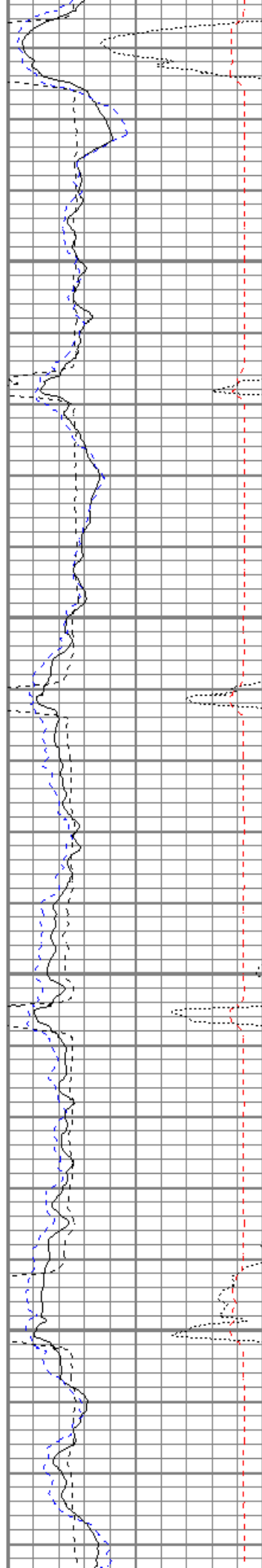


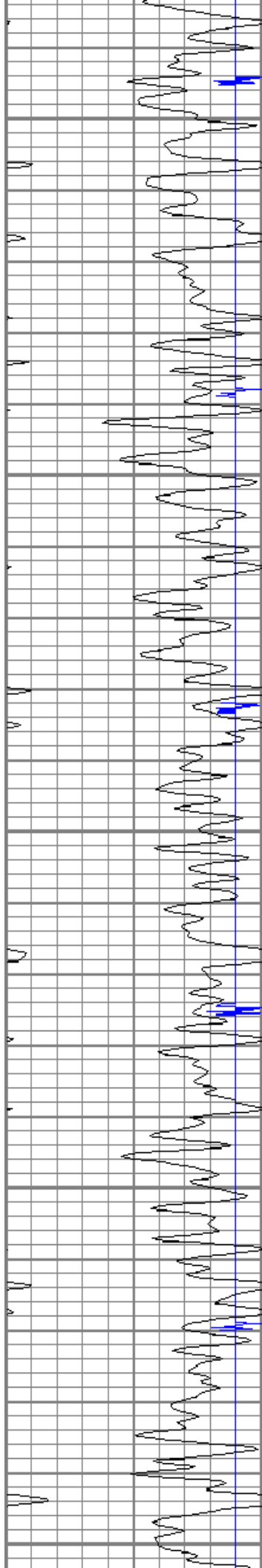
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4200

4250

4300





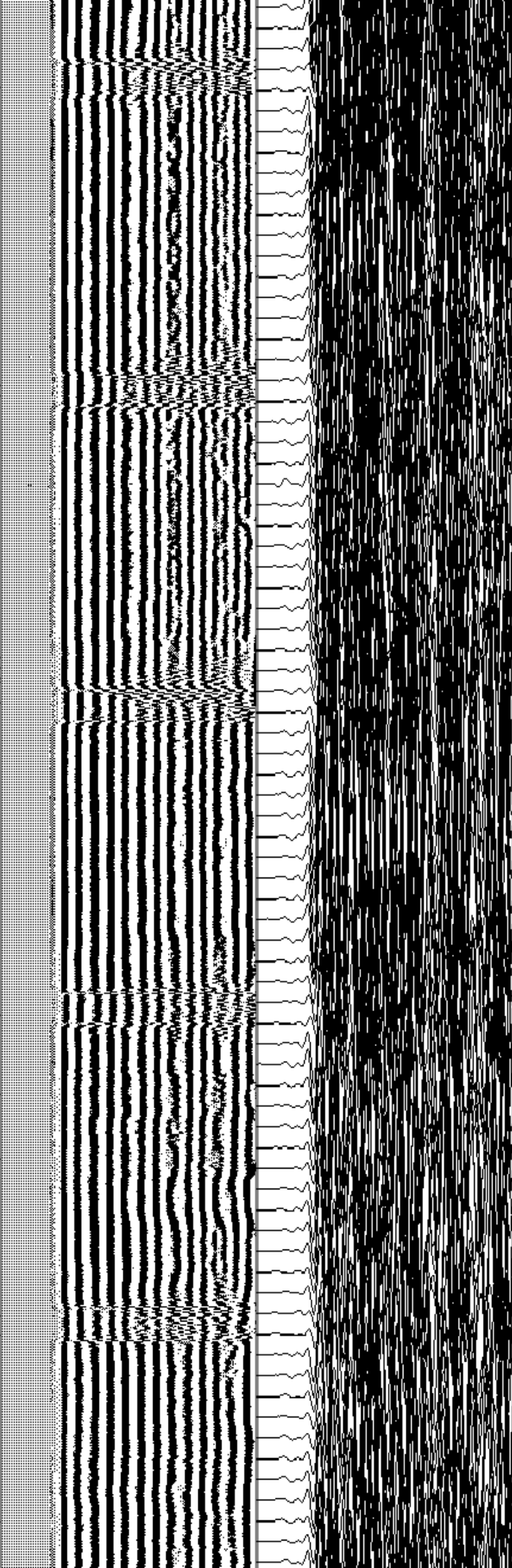
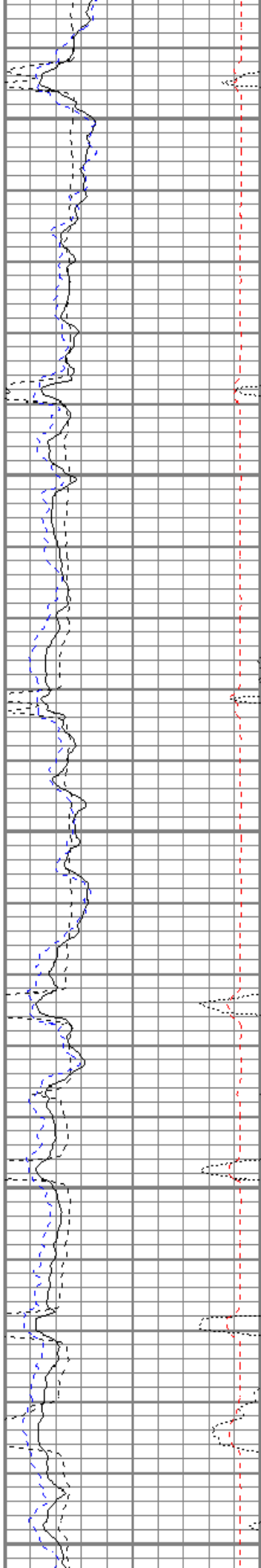
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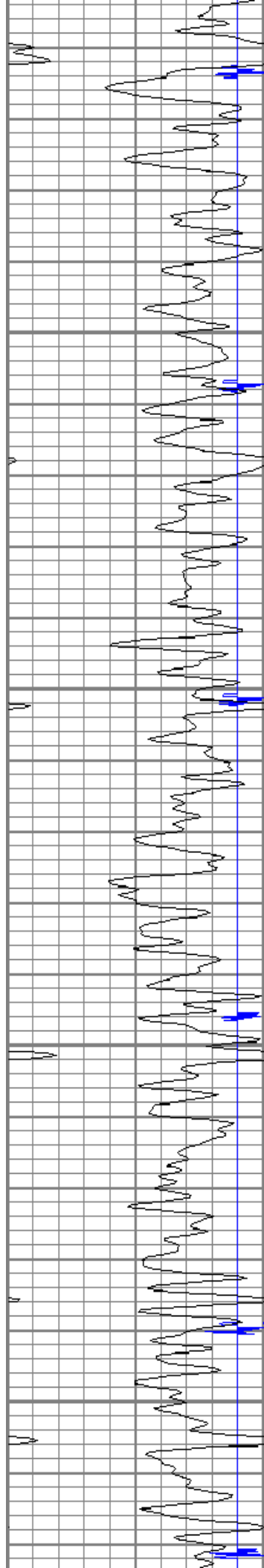
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4450

4500

4550



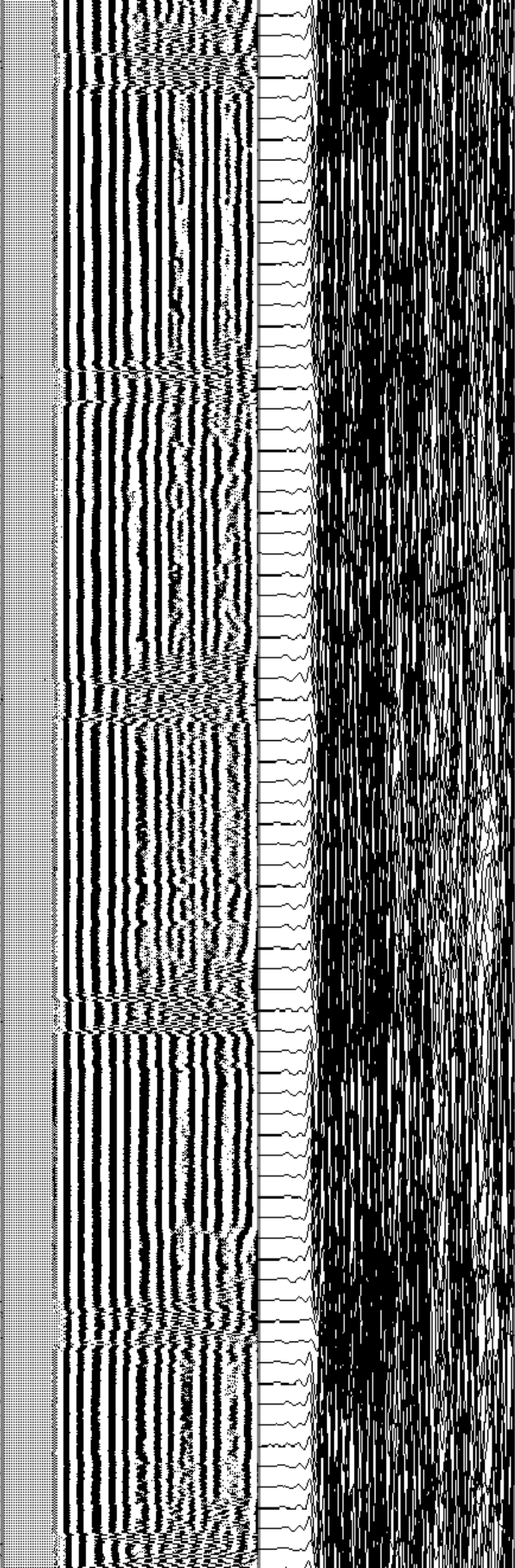
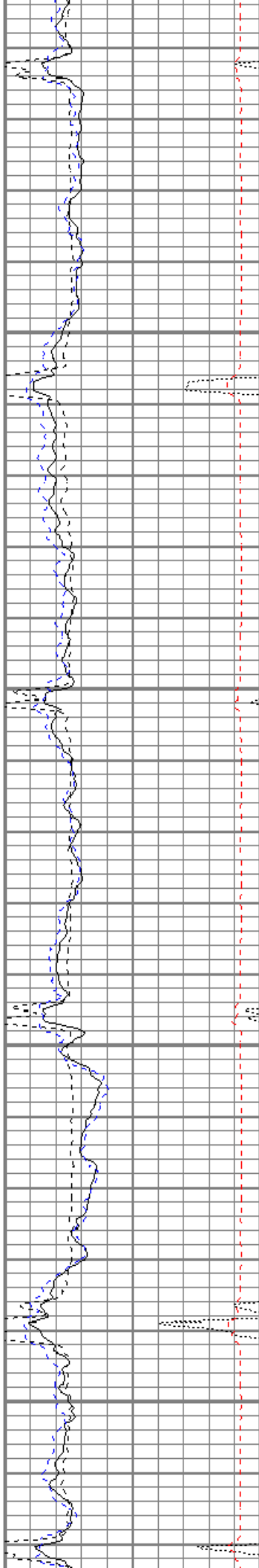


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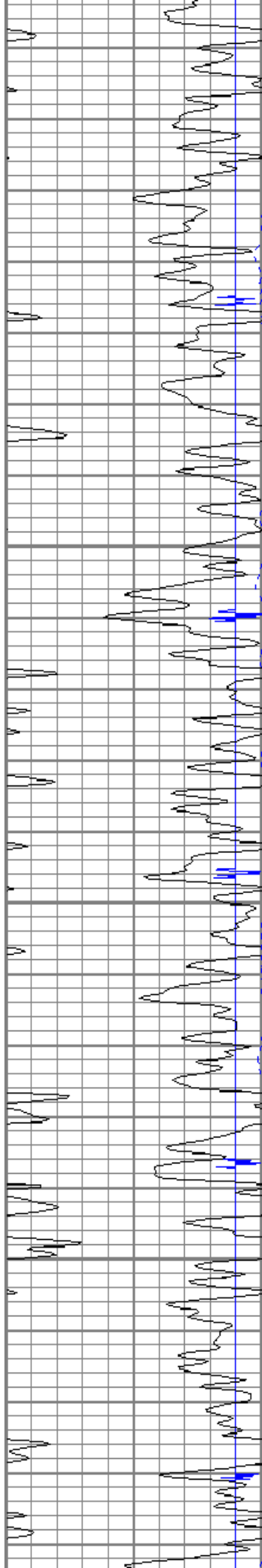
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4700

4750





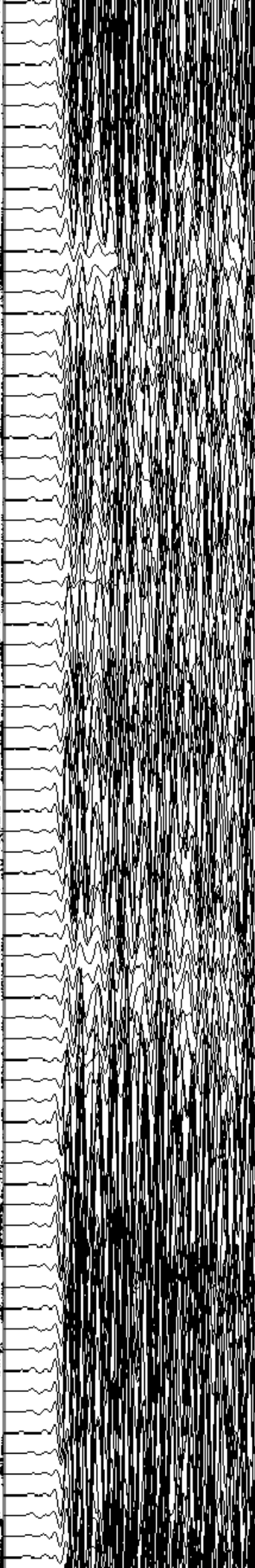
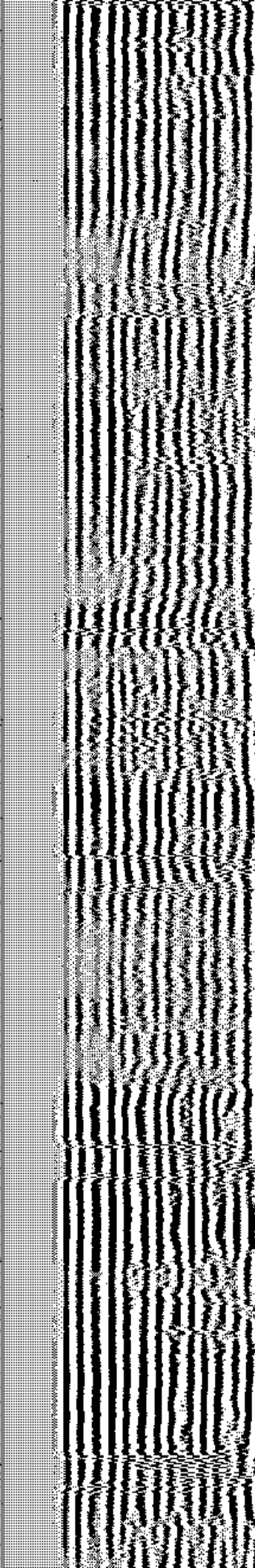
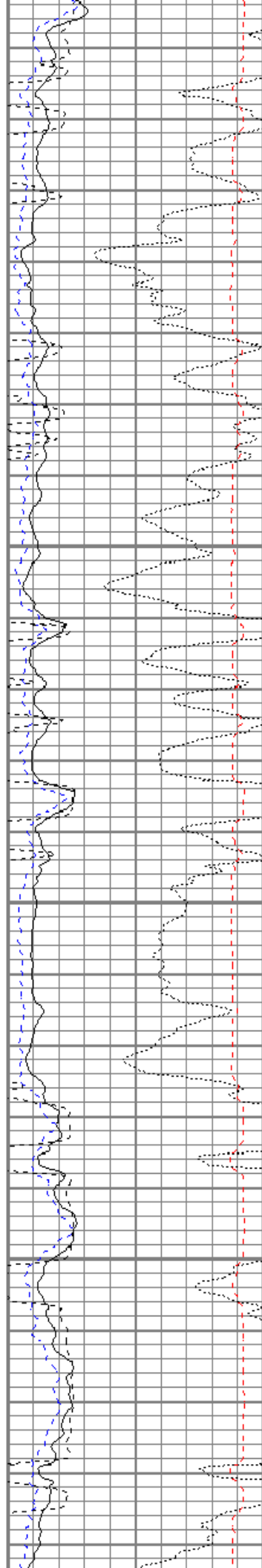


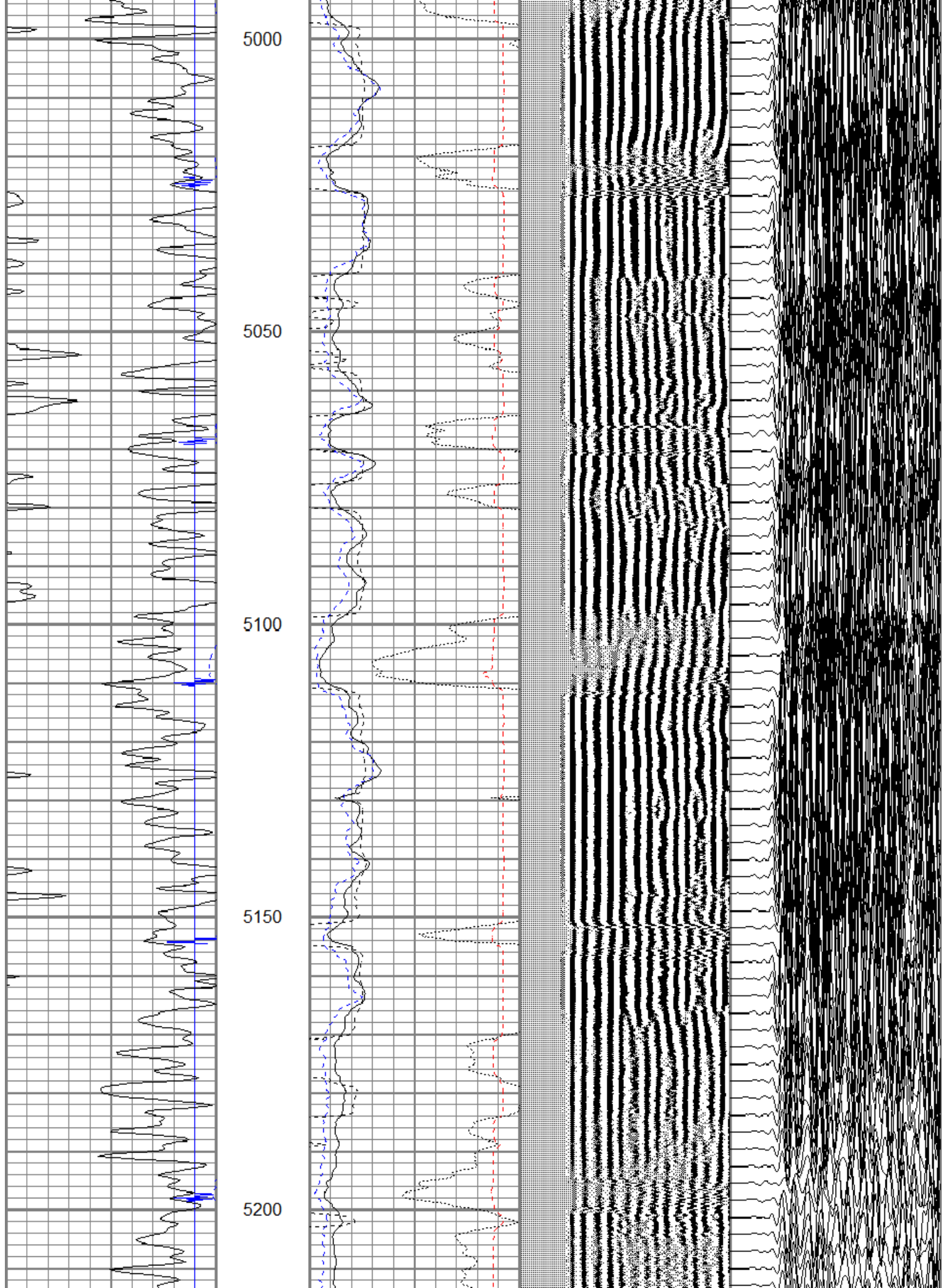
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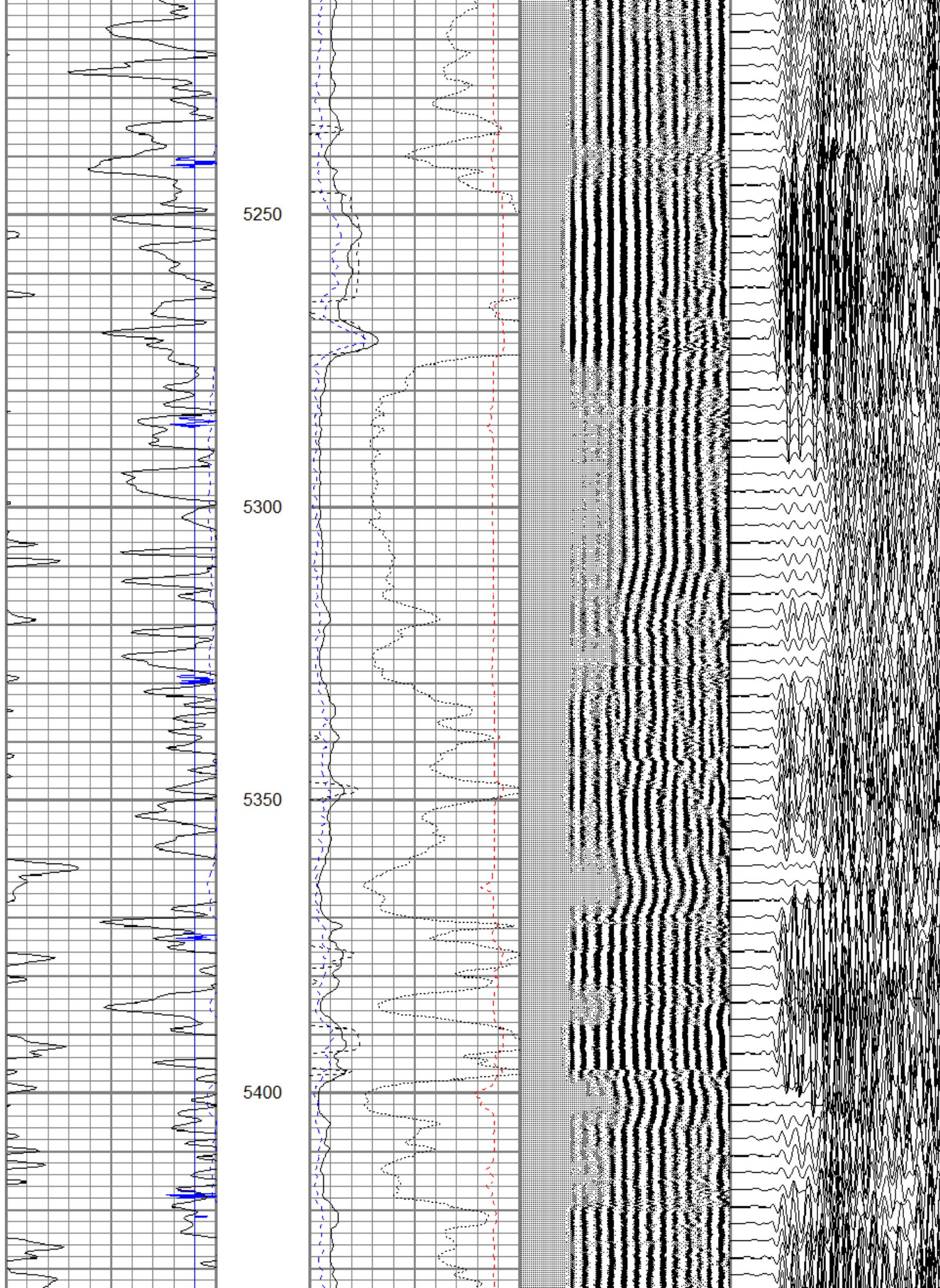
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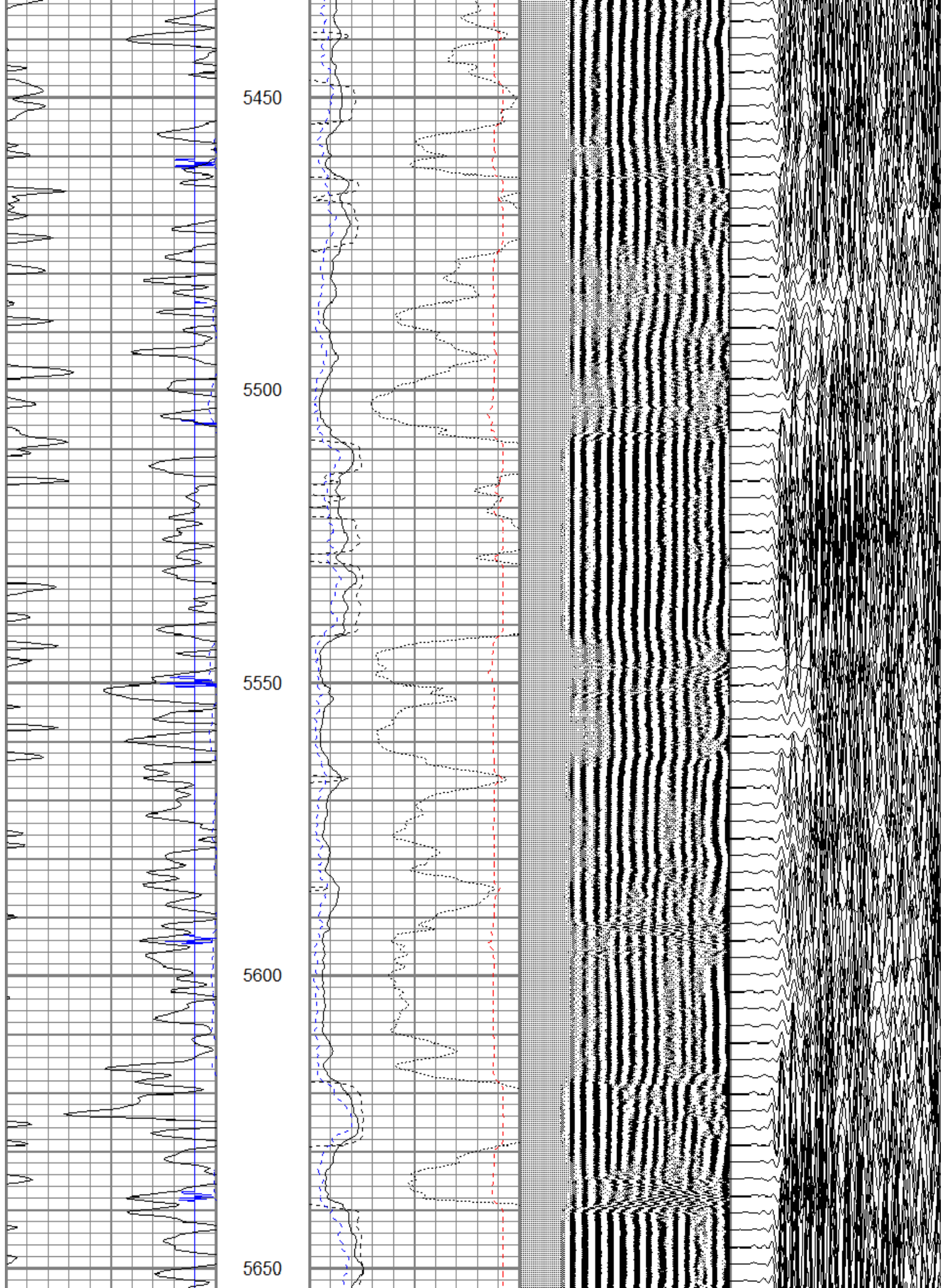
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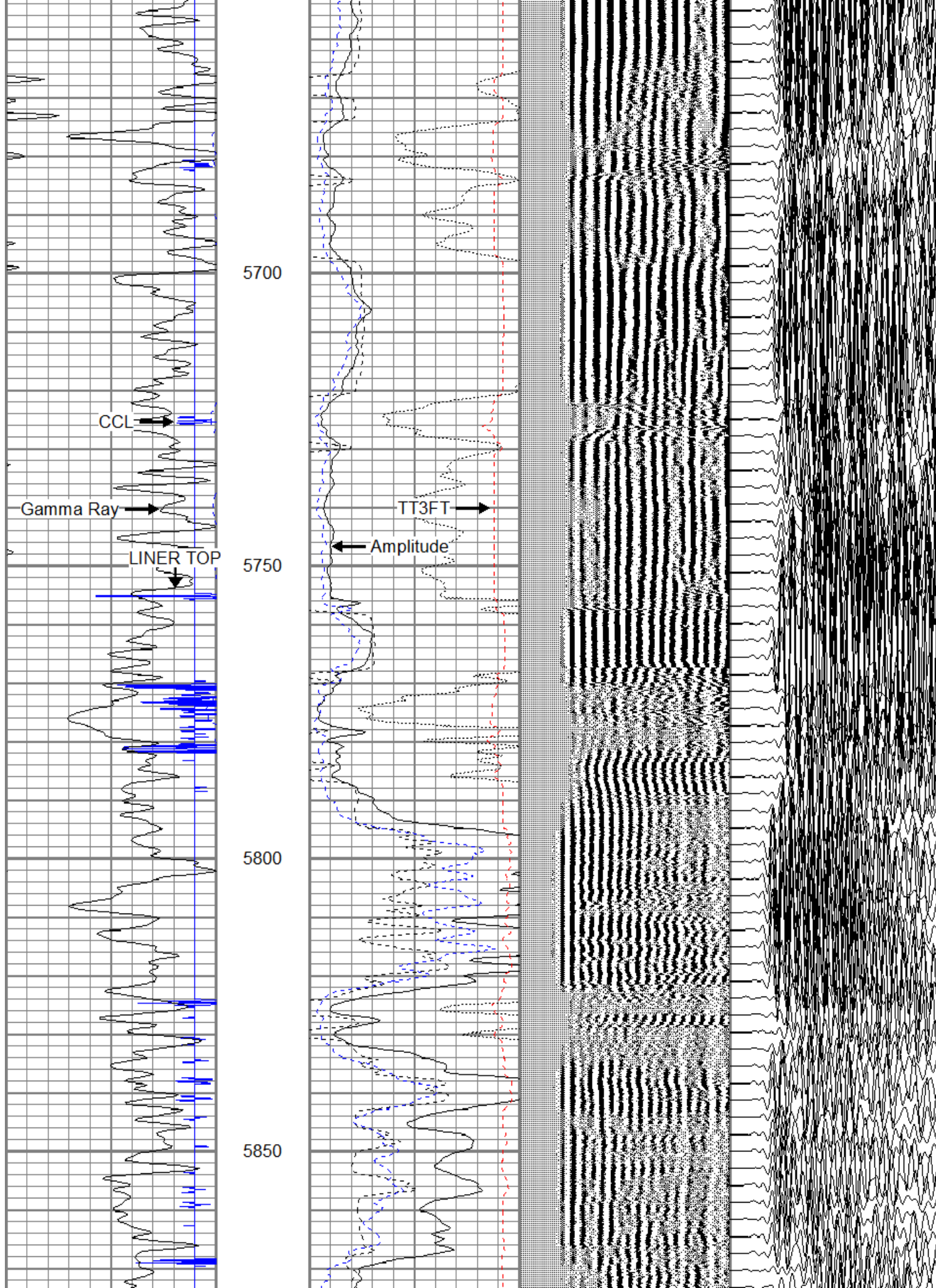


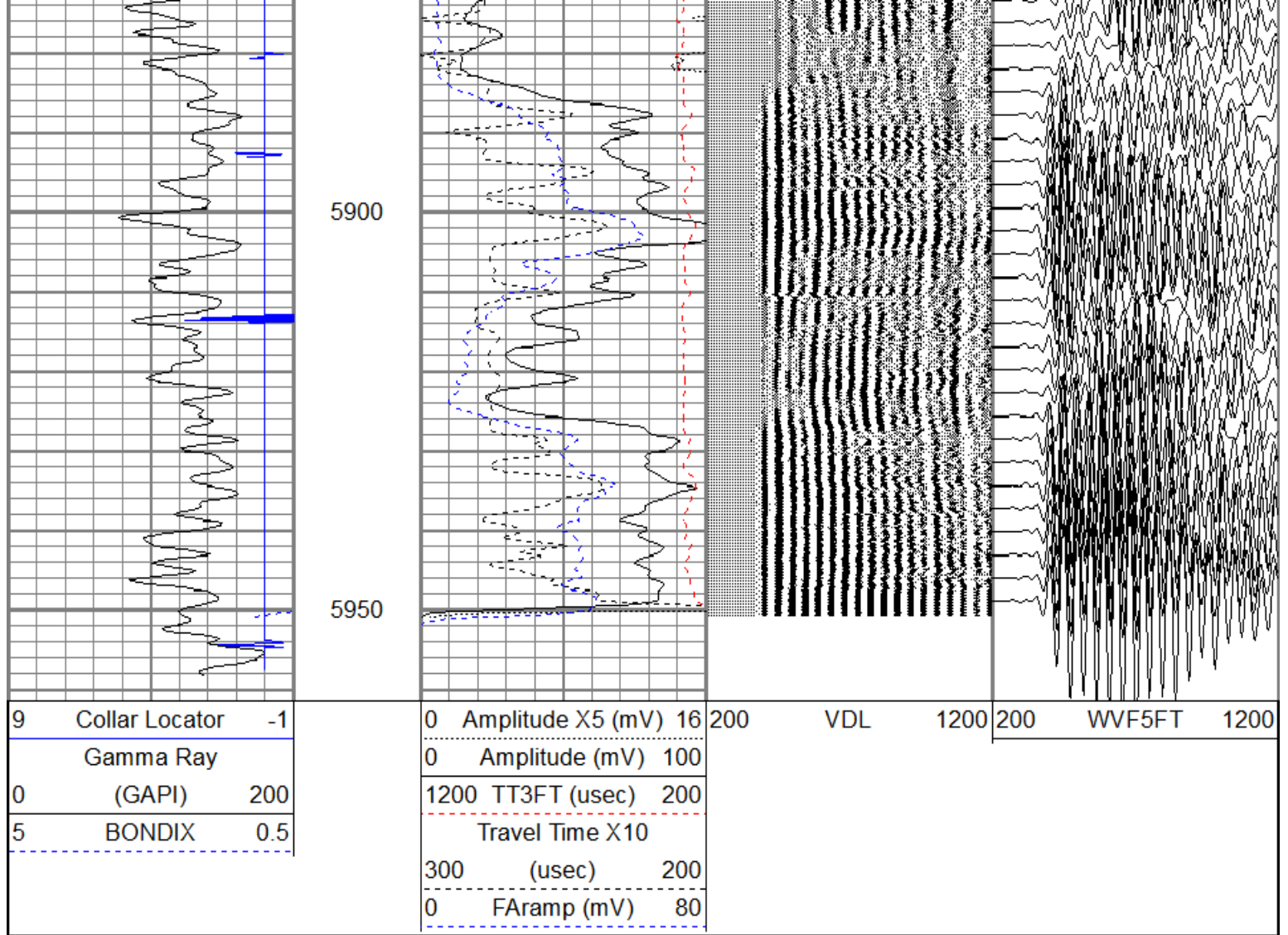












Calibration Report		
Database File	anschutz_equis_farms_4-62-9_sws_4956c2.db	
Dataset Pathname	pass3.2	
Dataset Creation	Mon Feb 01 23:33:32 2016	
Gamma Ray Calibration Report		
Serial Number:	060719	
Tool Model:	Probe	
Performed:	Mon Feb 01 21:44:21 2016	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.5000	GAPI/cps
Segmented Cement Bond Log Calibration Report		
Serial Number:	060632	
Tool Model:	Probe	
Calibration Casing Diameter:	7.000	in
Calibration Depth:	471.770	ft
Master Calibration, performed Mon Feb 01 23:32:40 2016:		

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	0.616	0.450	62.165	100.204	0.443
CAL	0.637	0.637				
5'	0.000	0.571	0.450	62.165	108.072	0.446
SUM						
S1	0.337	0.057	0.000	91.000	-324.832	109.354
S2	-0.002	0.044	0.000	91.000	1960.075	4.231
S3	-0.006	0.036	0.000	91.000	2159.921	12.641
S4	-0.013	0.029	0.000	91.000	2150.146	27.793
S5	-0.024	0.025	0.000	91.000	1884.563	44.313
S6	-0.014	0.011	0.000	91.000	3595.073	50.948
S7	-0.002	0.007	0.000	91.000	10707.834	18.932
S8	-0.006	0.031	0.000	91.000	2457.221	14.473

Internal Reference Calibration, performed Wed Dec 31 17:00:00 1969:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.637	0.637	1.000	0.000

Air Zero Calibration, performed Mon Feb 01 21:28:31 2016:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	
SUM						
S1	0.000		0.000		0.000	
S2	0.000		0.000		0.000	
S3	0.000		0.000		0.000	
S4	0.000		0.000		0.000	
S5	0.000		0.000		0.000	
S6	0.000		0.000		0.000	
S7	0.000		0.000		0.000	
S8	0.000		0.000		0.000	



**Company** BILL BARRETT  
**Well** ANSCHUTZ EQUIS FARMS 4-62-9-4956C2  
**Field** WATTENBERG  
**County** WELD  
**State** COLORADO