

DUAL RECEIVER
CEMENT BOND LOG

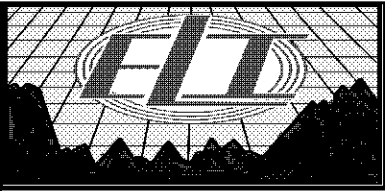
Company	PETROLEUM DEVELOPMENT COMPANY	
Well	ENGLER FARMS #1-14	
Field		
County	KEARNEY	Country USA
State	KANSAS	
Company PETROLEUM DEVELOPMENT COMPANY		
Well ENGLER FARMS #1-14		
Field		
County KEARNEY		
State KANSAS		Country USA
Location:		API # : 15-093-21981-0000
SEC 14 TWP 22S RGE 35W		Other Services
Permanent Datum GROUND LEVEL Elevation 3020		Elevation
Log Measured From KELLY BUSHING 11' A.G.L.		K.B. 3031
Drilling Measured From KELLY BUSHING		D.F. 3029
		G.L. 3020
Date	4/26/2021	
Run Number	ONE	
Depth Driller	5000	
Depth Logger	4953	
Bottom Logged Interval	4951	
Top Log Interval	2400	
Open Hole Size	7 7/8	
Type Fluid	WATER	
Density / Viscosity		
Max. Recorded Temp.		
Estimated Cement Top	2510	
Time Well Ready		
Time Logger on Bottom		
Equipment Number	0775	
Location	HAYS,KS	
Recorded By	WEEDEN	
Witnessed By	HARVEY RACKLEY	
Borehole Record		Tubing Record
Run Number	Bit From To Size Weight From To	
Casing Record	Size Wgt/Ft	Top Bottom
Surface String	8 5/8	0 1838
Prot. String		
Production String	5 1/2	
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

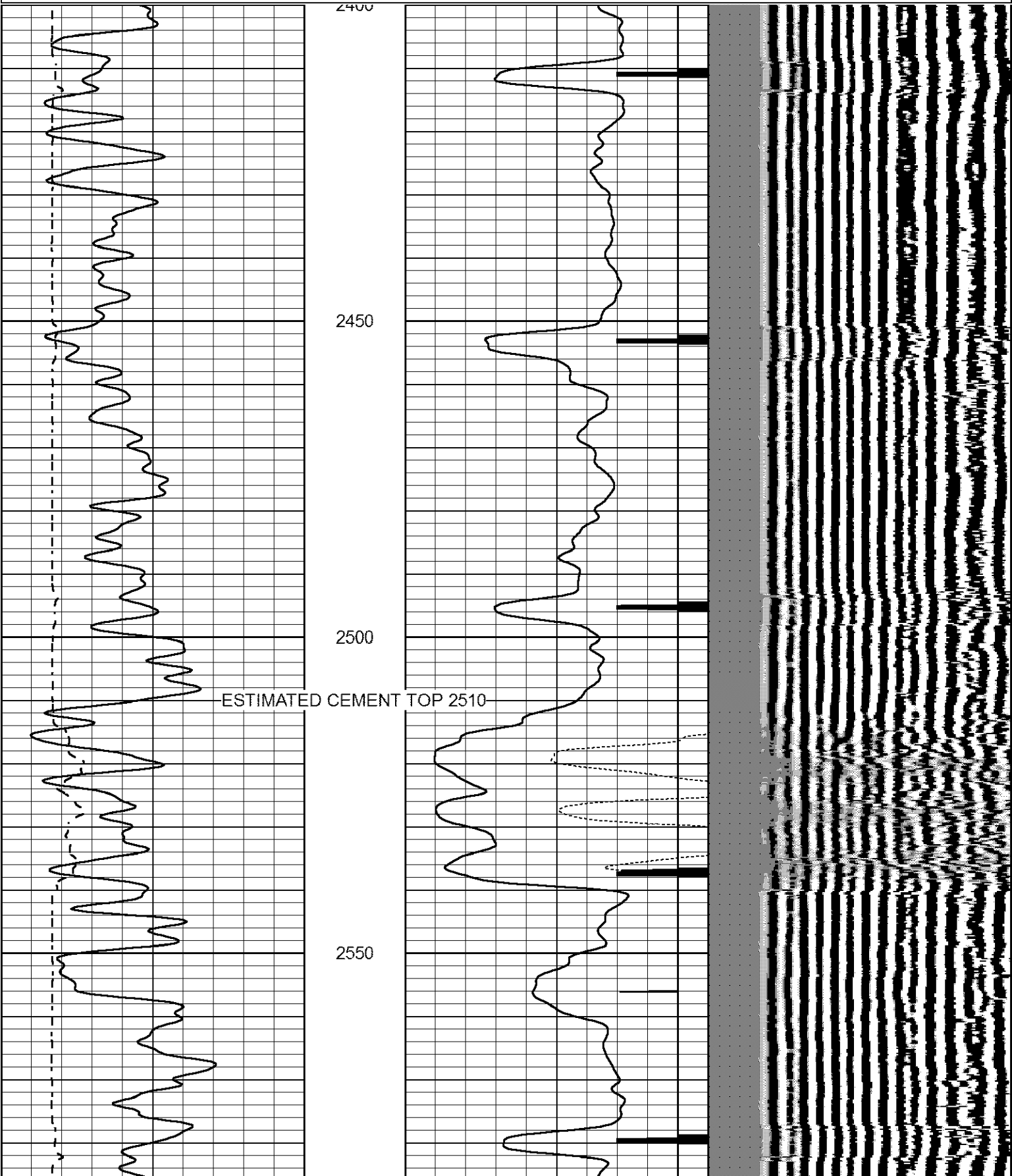
THANK YOU FOR USING ELI WIRELINE SERVICES
DIRECTIONS: WINFIELD EAST TO COWLEY 1 RD, SOUTH TO 212 RD,
EAST 3 MILES, SOUTH TO 236TH RD, EAST AT 3RD GATE

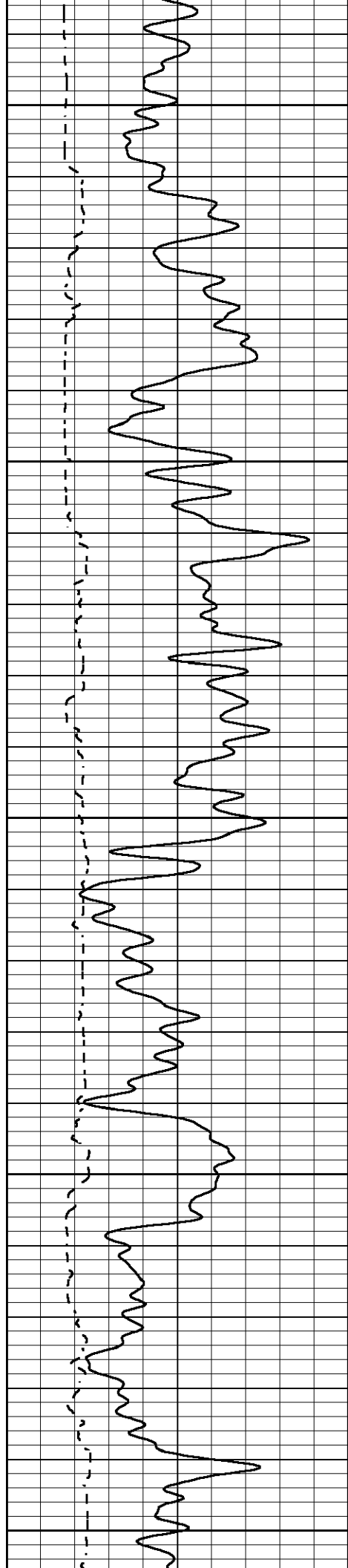


MAIN PASS

Database File	pet engler farms #1-14.db
Dataset Pathname	pass3.8
Presentation Format	dcbl02
Dataset Creation	Sun Apr 25 10:50:43 2021
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	0	AMP3FT (mV)	100	200	WVF5FT (usec)	1000
200	TT5FT (usec)	1000	9	CCL	-1			
			0	AMP3FT (mV)	20			





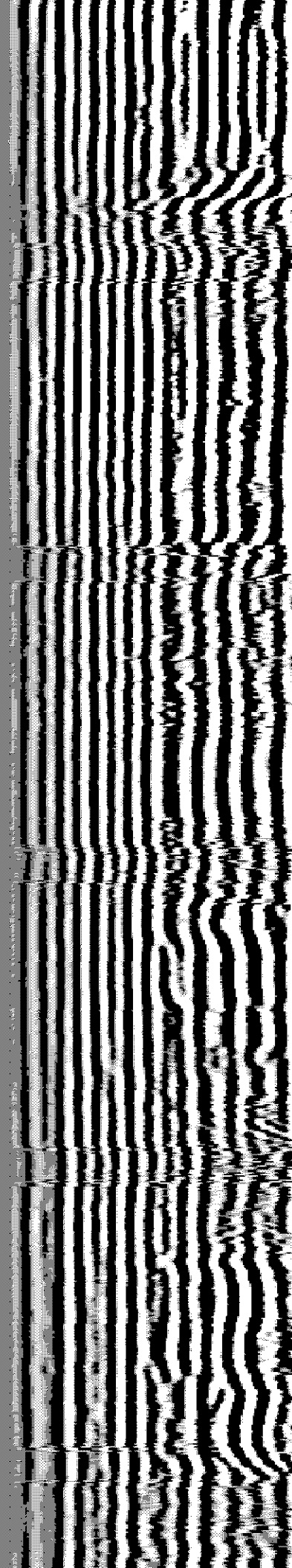
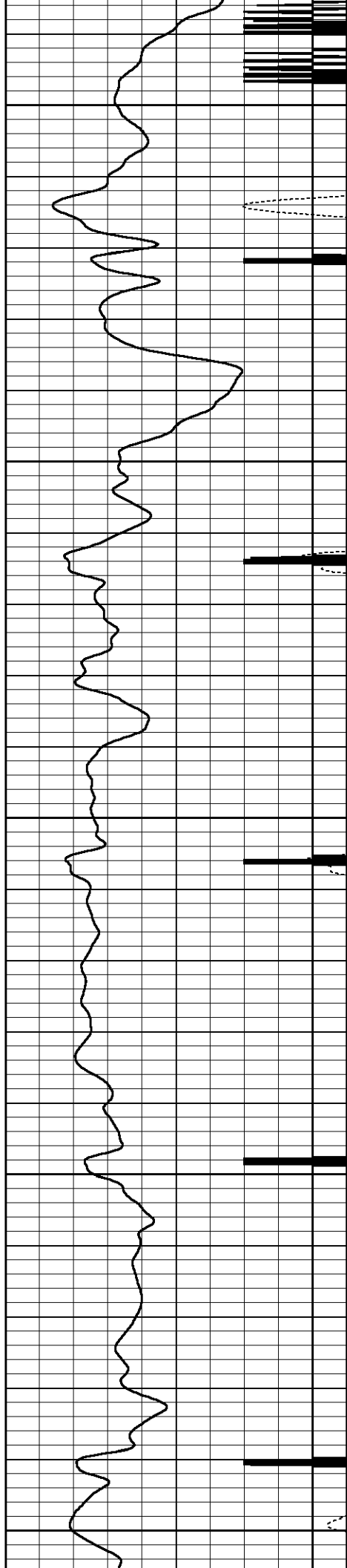
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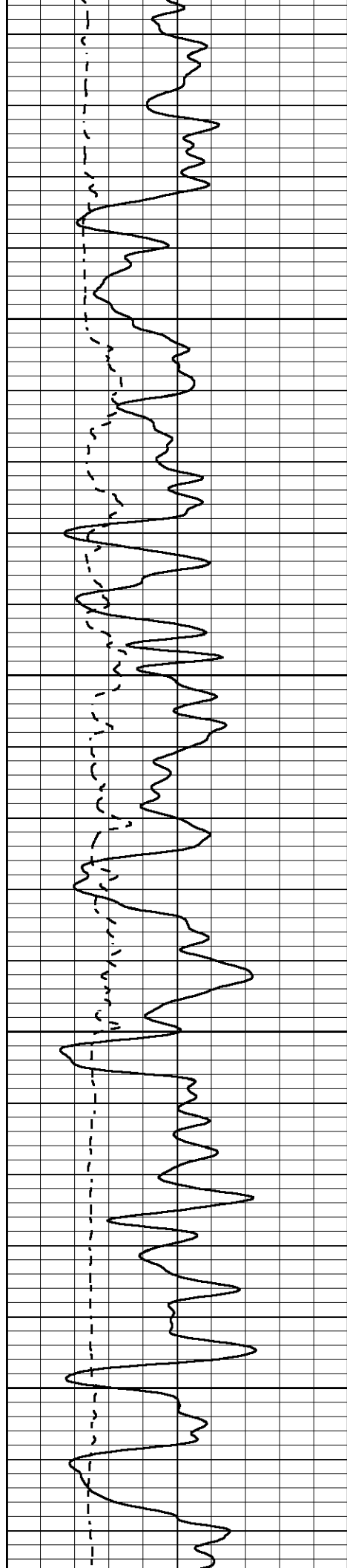
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2700

2750

2800



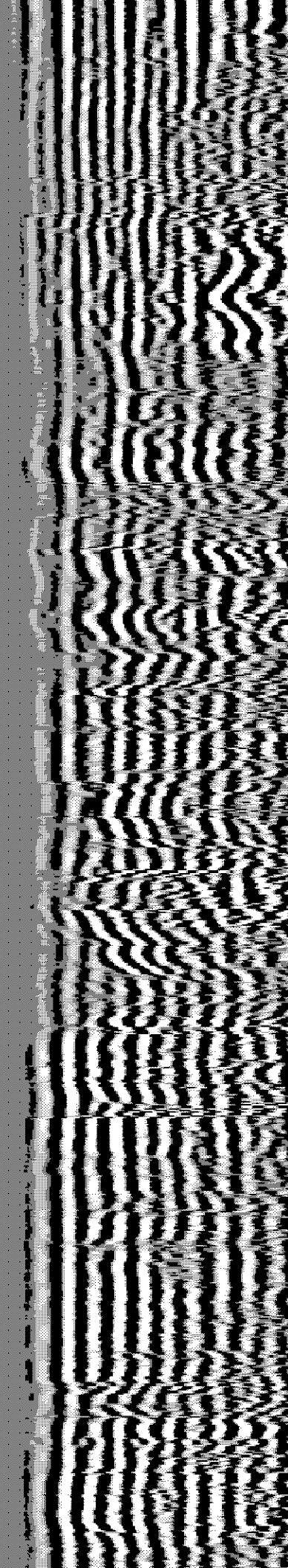
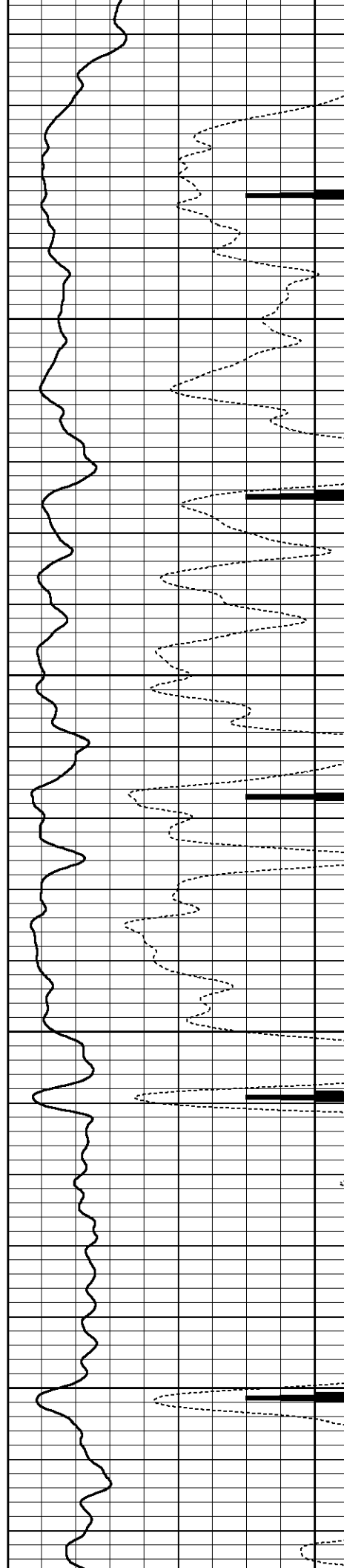


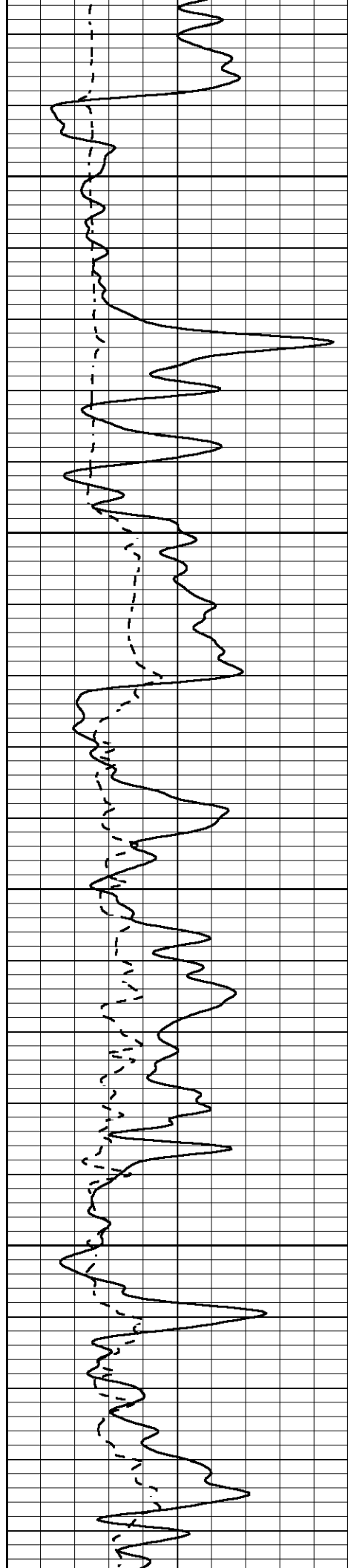
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2900

2950

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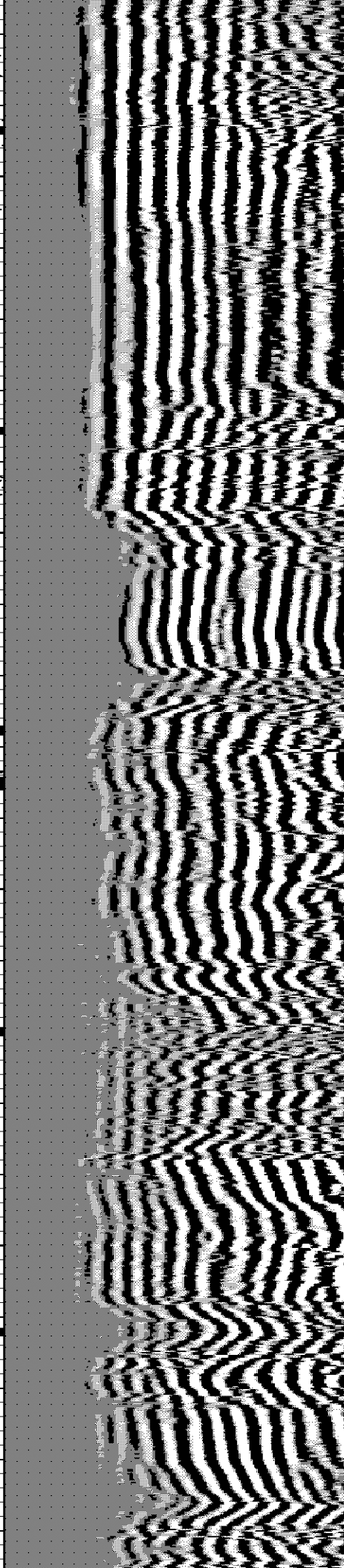
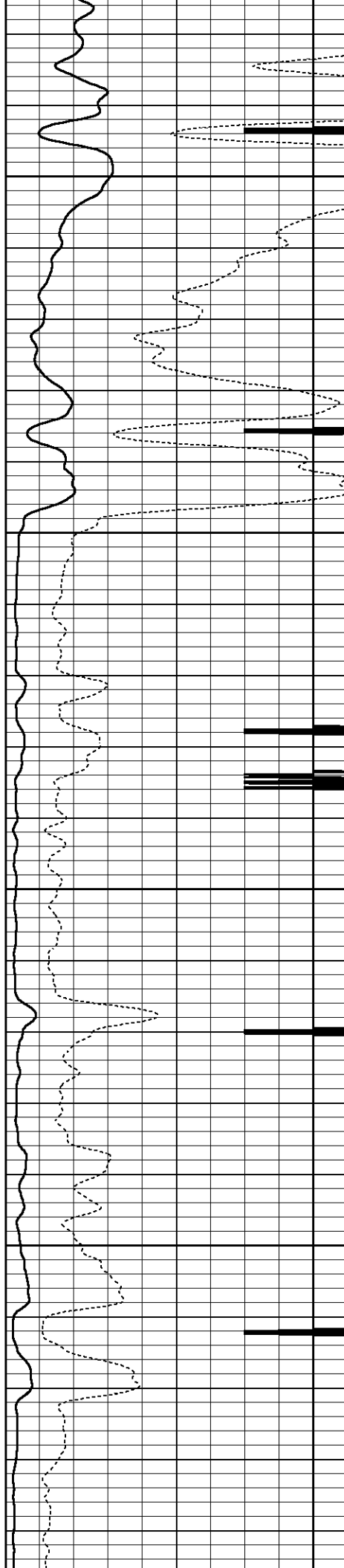


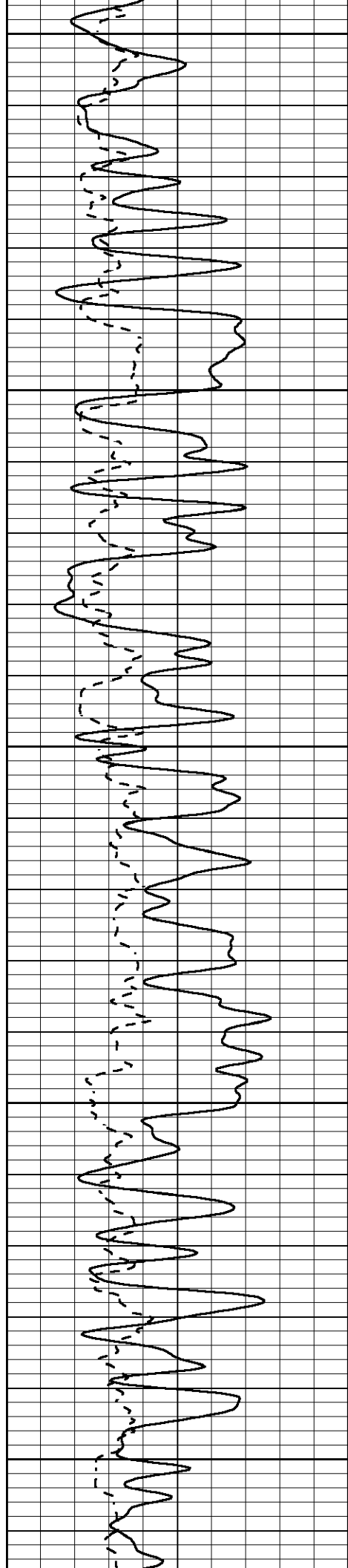
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3150

3200





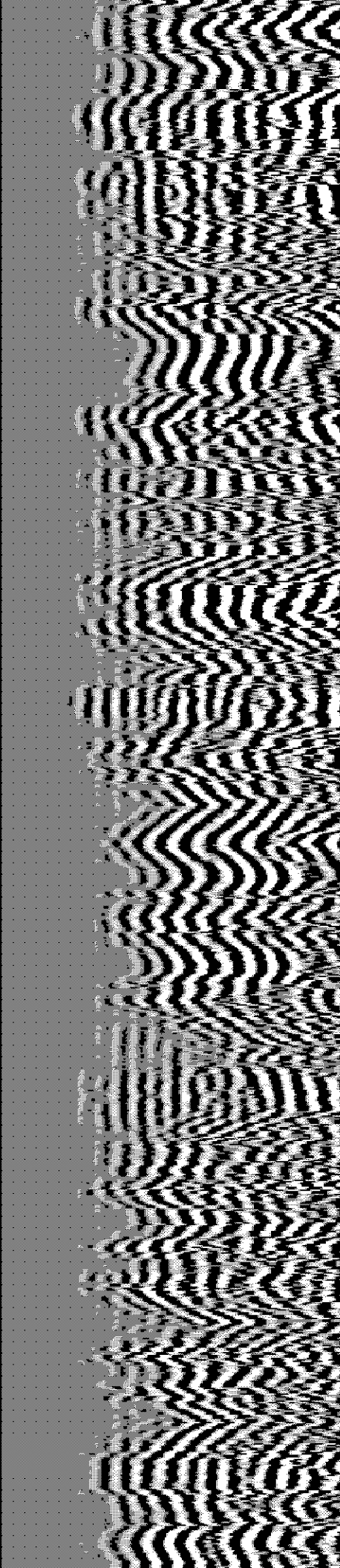
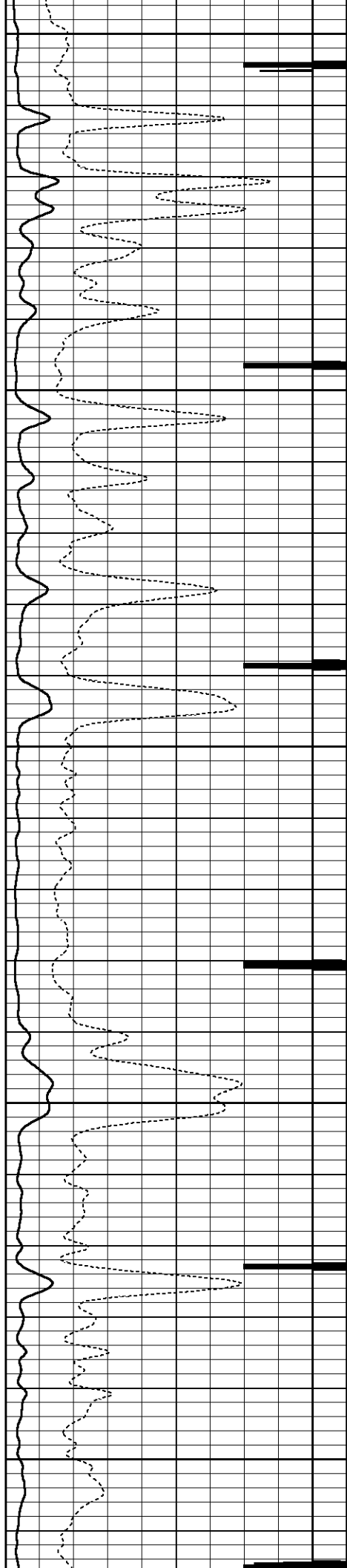
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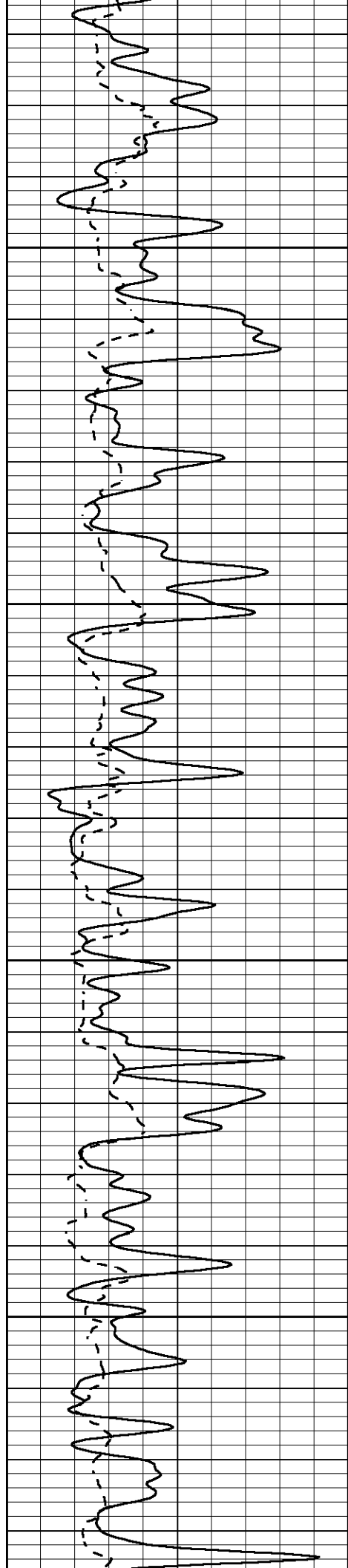
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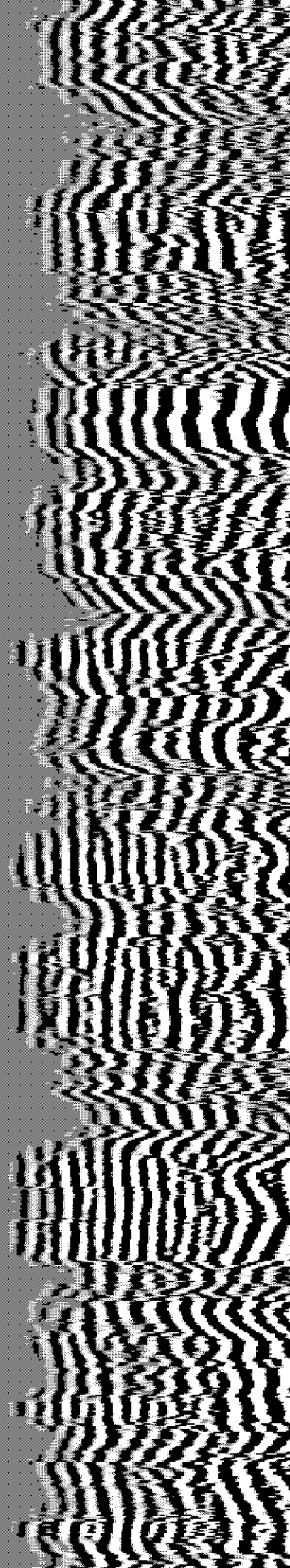
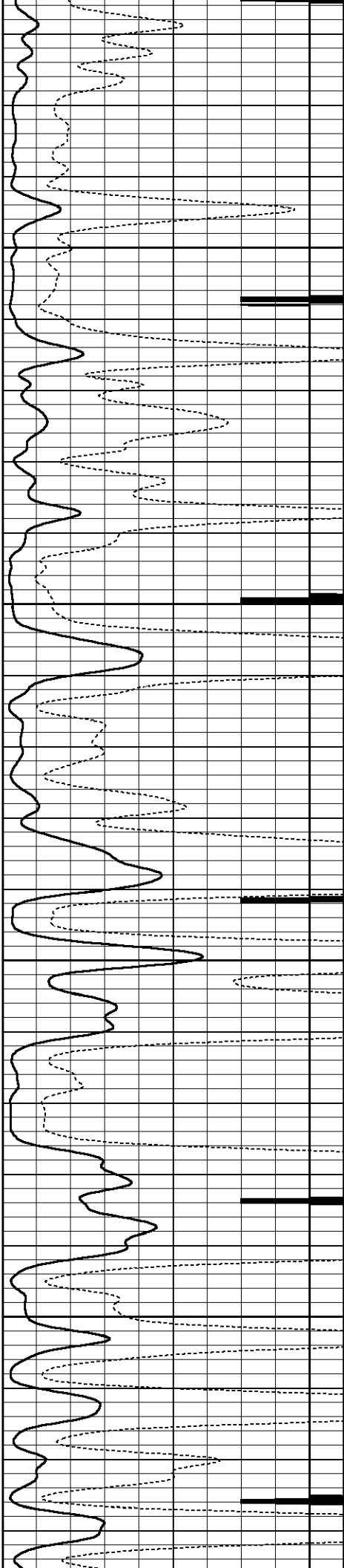


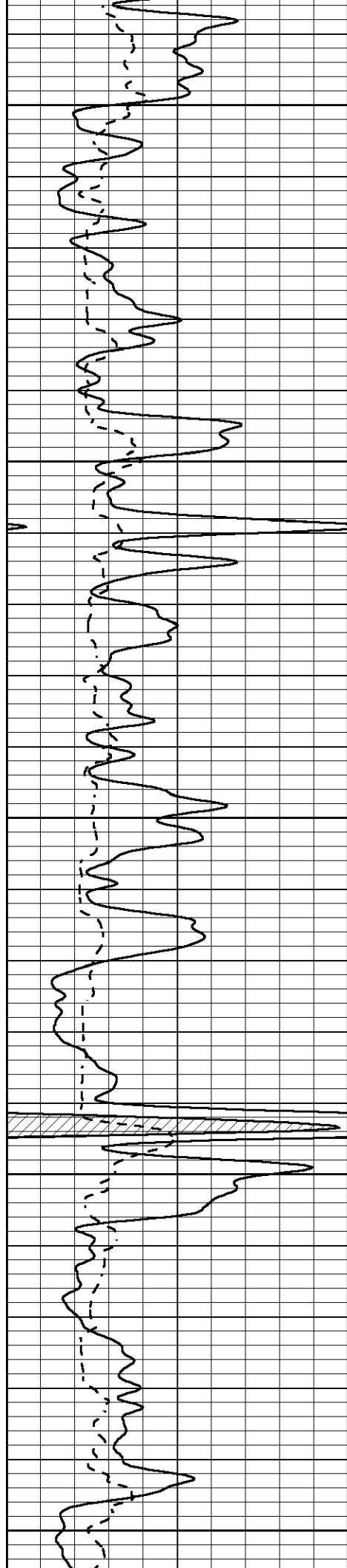
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3650





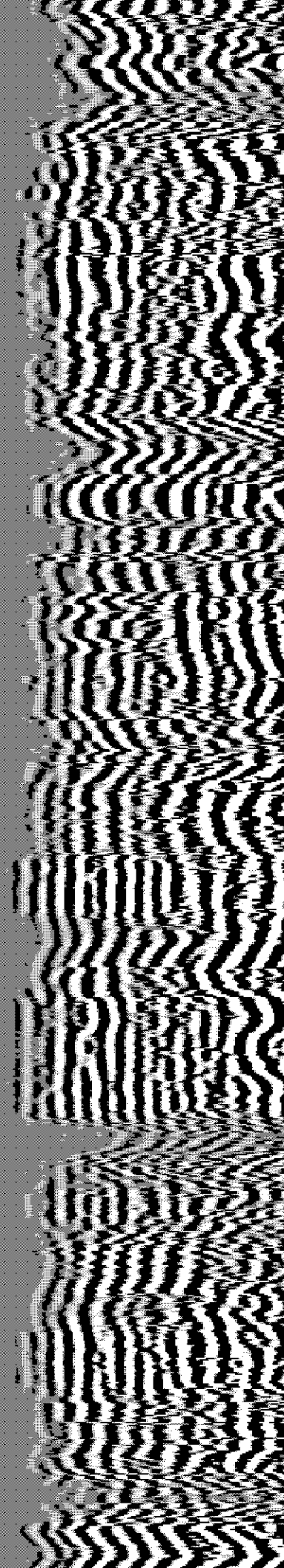
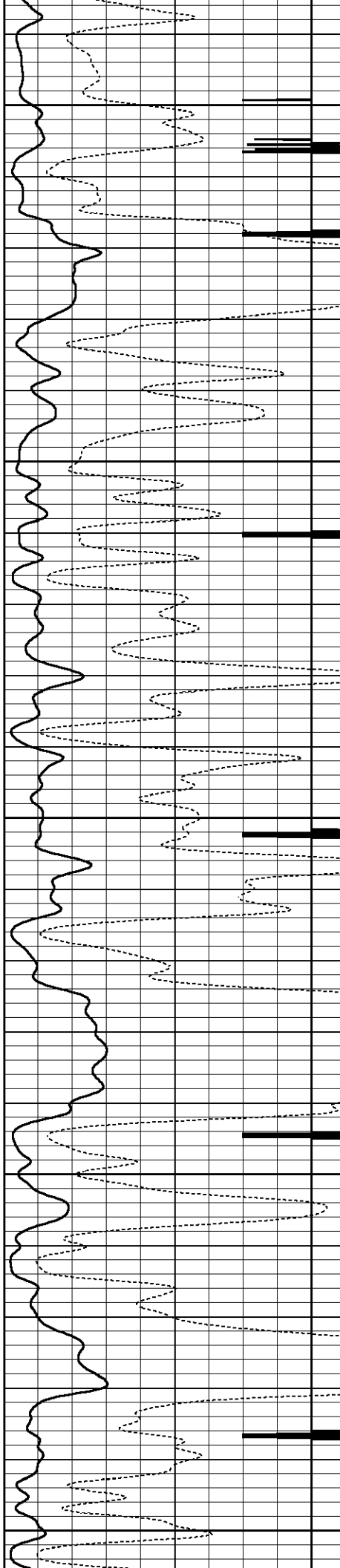
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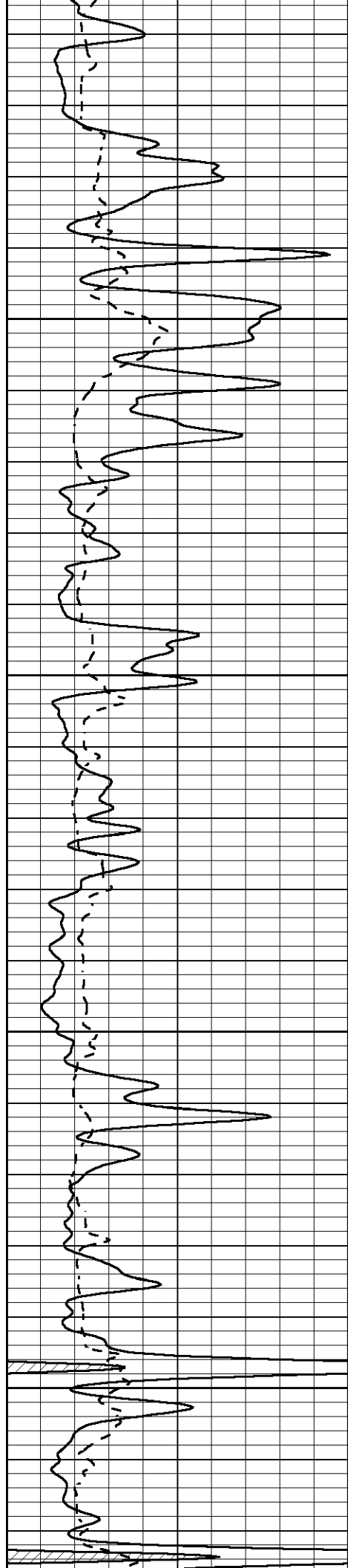
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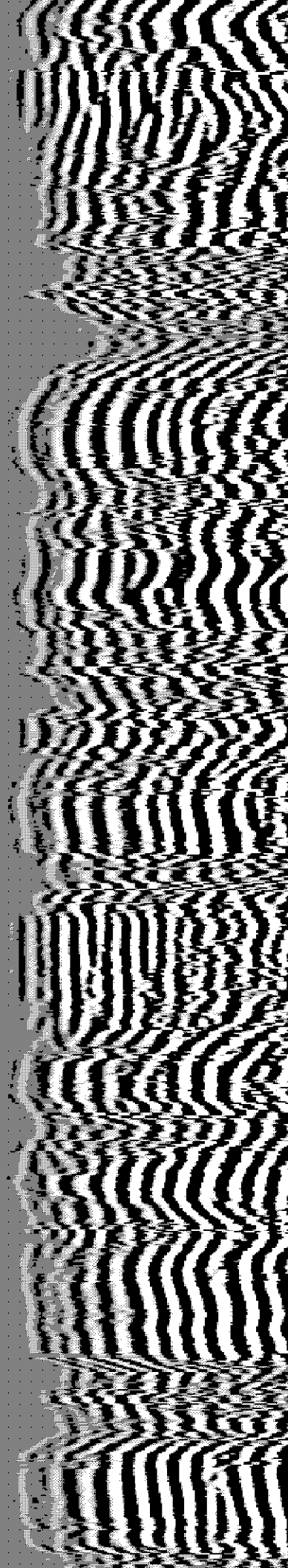
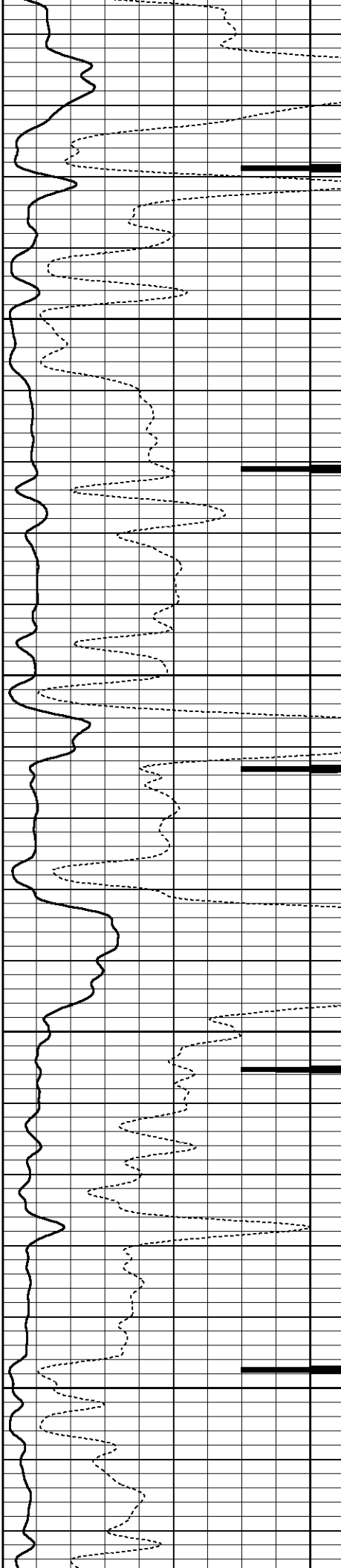


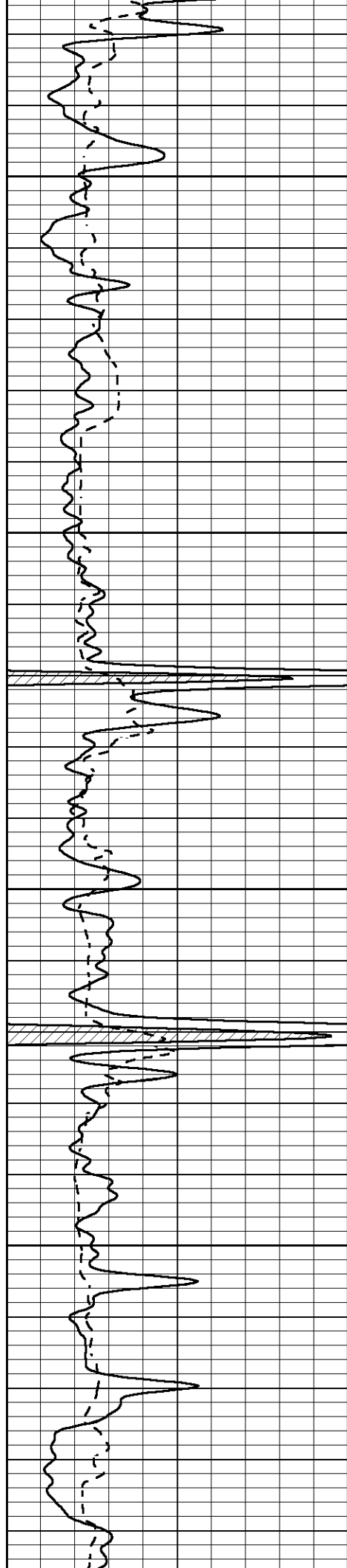
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4100



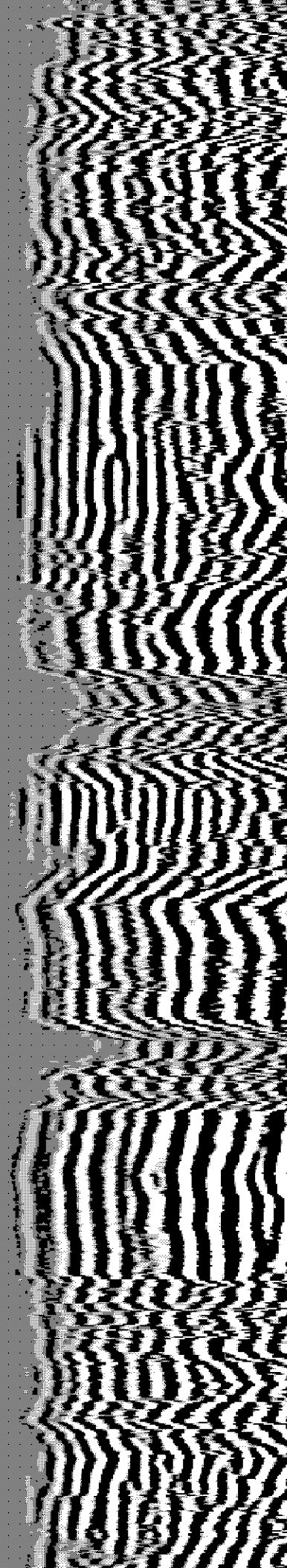
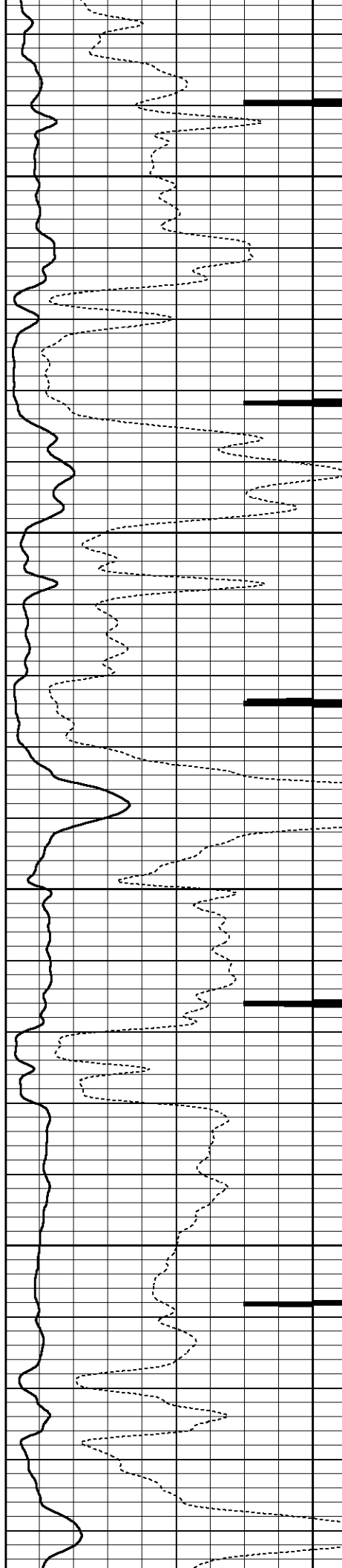


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4200

4250

4300





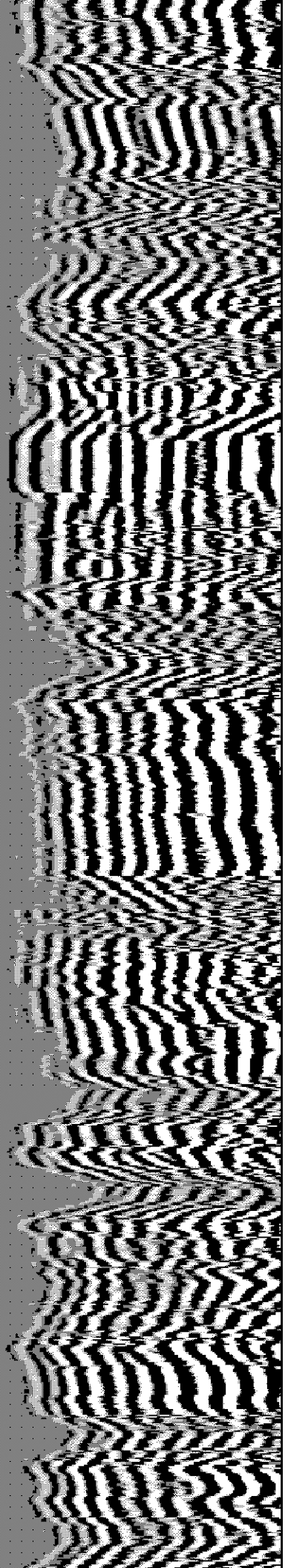
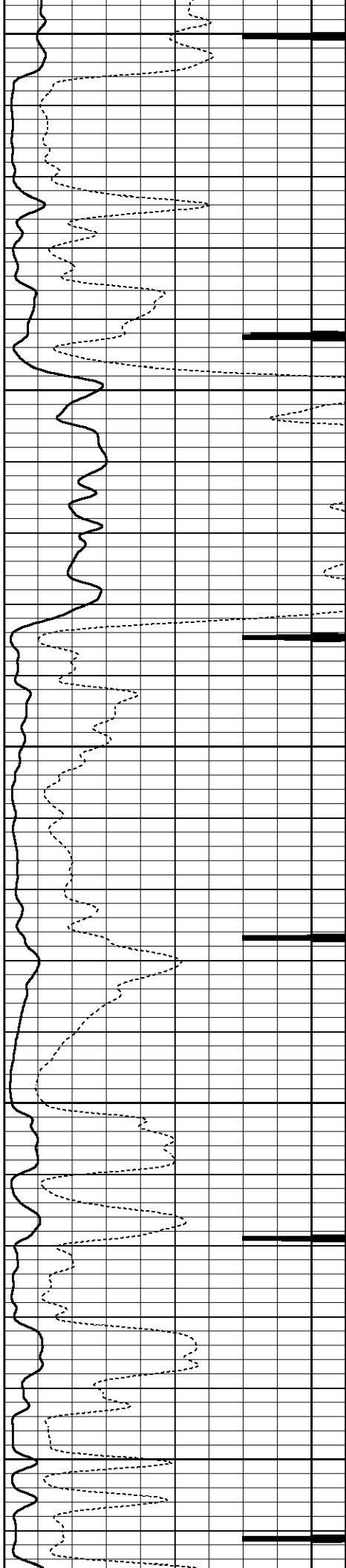
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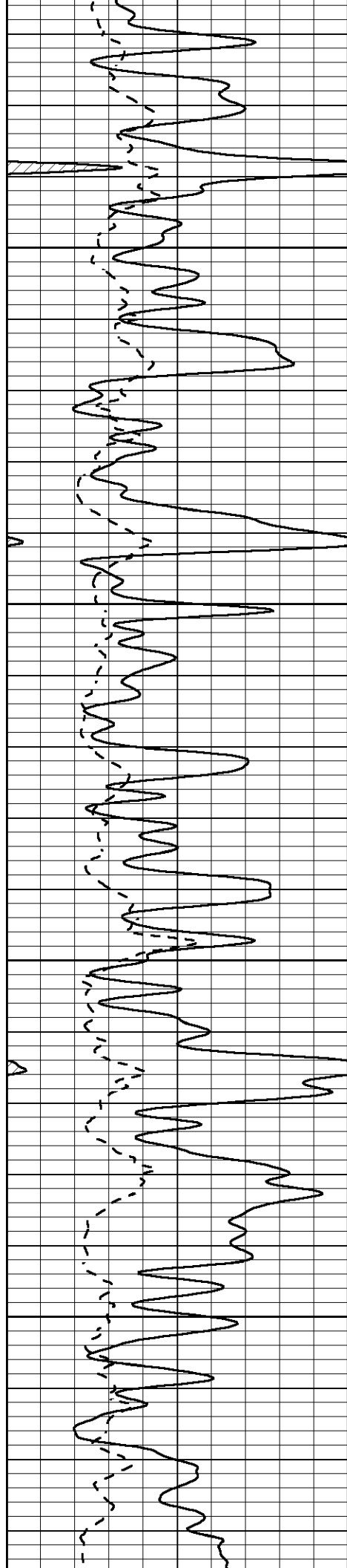
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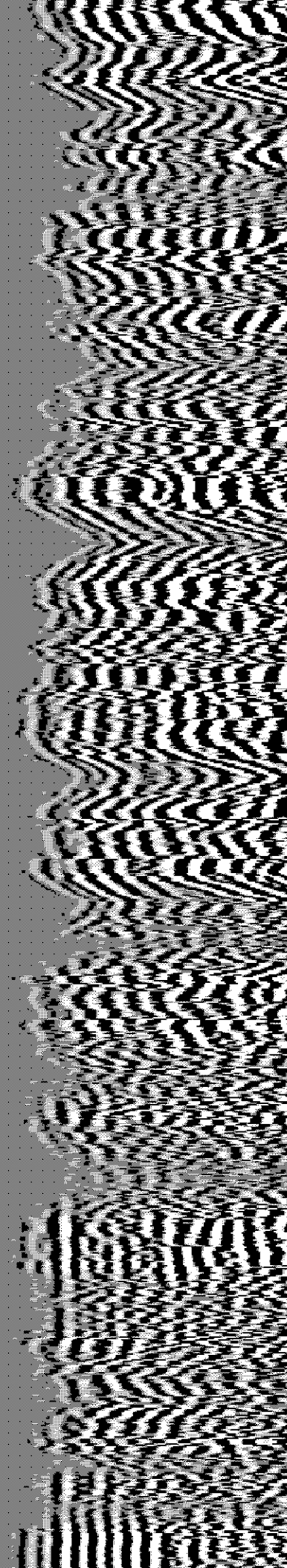
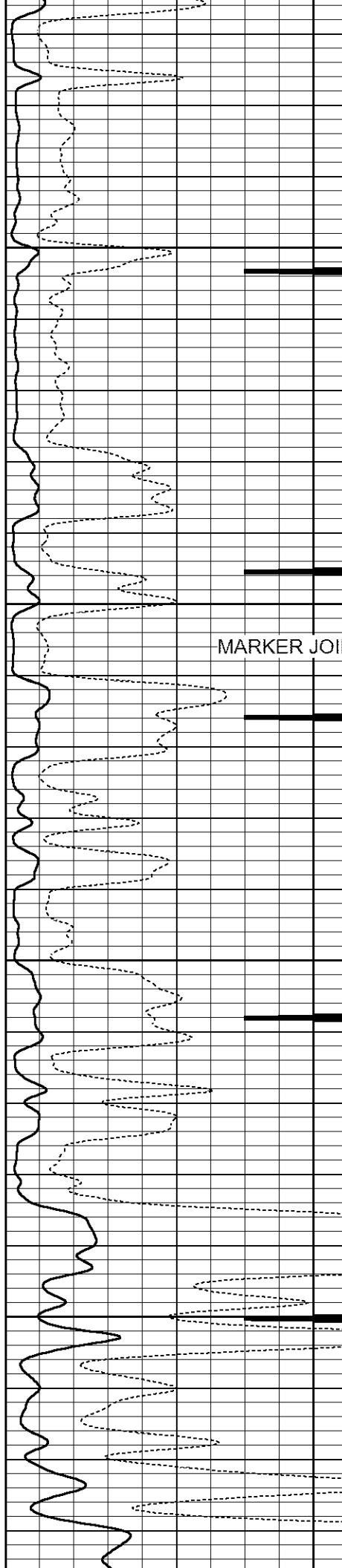
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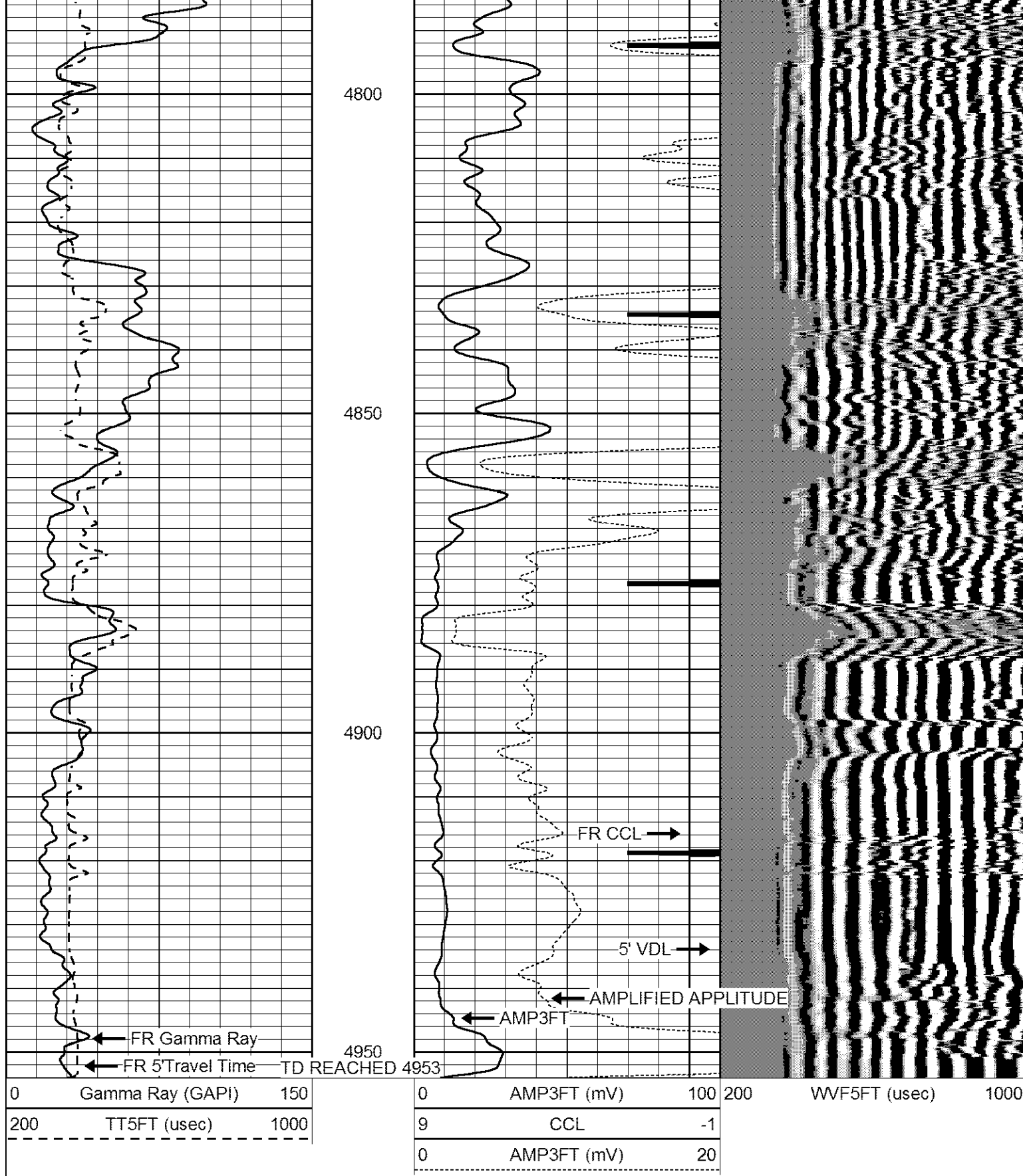
4650

4700

4750

MARKER JOINT





REPEAT SECTION

0	Gamma Ray (GAPI)	150	0	AMP3FT (mV)	100	200	WVF5FT (usec)	1000
200	TT5FT (usec)	1000	9	CCL	-1			
-----			0	AMP3FT (mV)	20			
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