



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company		EAGLE CREEK CORPORATION	
Well		DECKER #1-20	
Field		WILDCAT	
County		SCOTT	
State		KANSAS	
Location:		API # : 15-171-21018-0000 2355' FSL & 1556' FEL NE - NE - NW - SE SEC 20 TWP 17S RGE 34W	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 9' A.G.L.	
Drilling Measured From		KELLY BUSHING	
Other Services		CDL/CNL/PE DIL/MEL	
Elevation		K.B. 3090 D.F. 3088 G.L. 3081	
Date	1/26/14		
Run Number	TWO		
Depth Driller	4950		
Depth Logger	4954		
Bottom Logged Interval	4946		
Top Log Interval	200		
Casing Driller	8 5/8"@277'		
Casing Logger	274		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6,500 PPM	
Density / Viscosity	9.4/60		
pH / Fluid Loss	10.5/8.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.600@70F		
Rmf @ Meas. Temp	.450@70F		
Rmc @ Meas. Temp	.720@70F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.336@125F		
Time Circulation Stopped	4.5 HOURS		
Time Logger on Bottom	6:30 P.M.		
Maximum Recorded Temperature	125F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	MIKE MAUNE	DAVE CALLEWAERT	

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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.

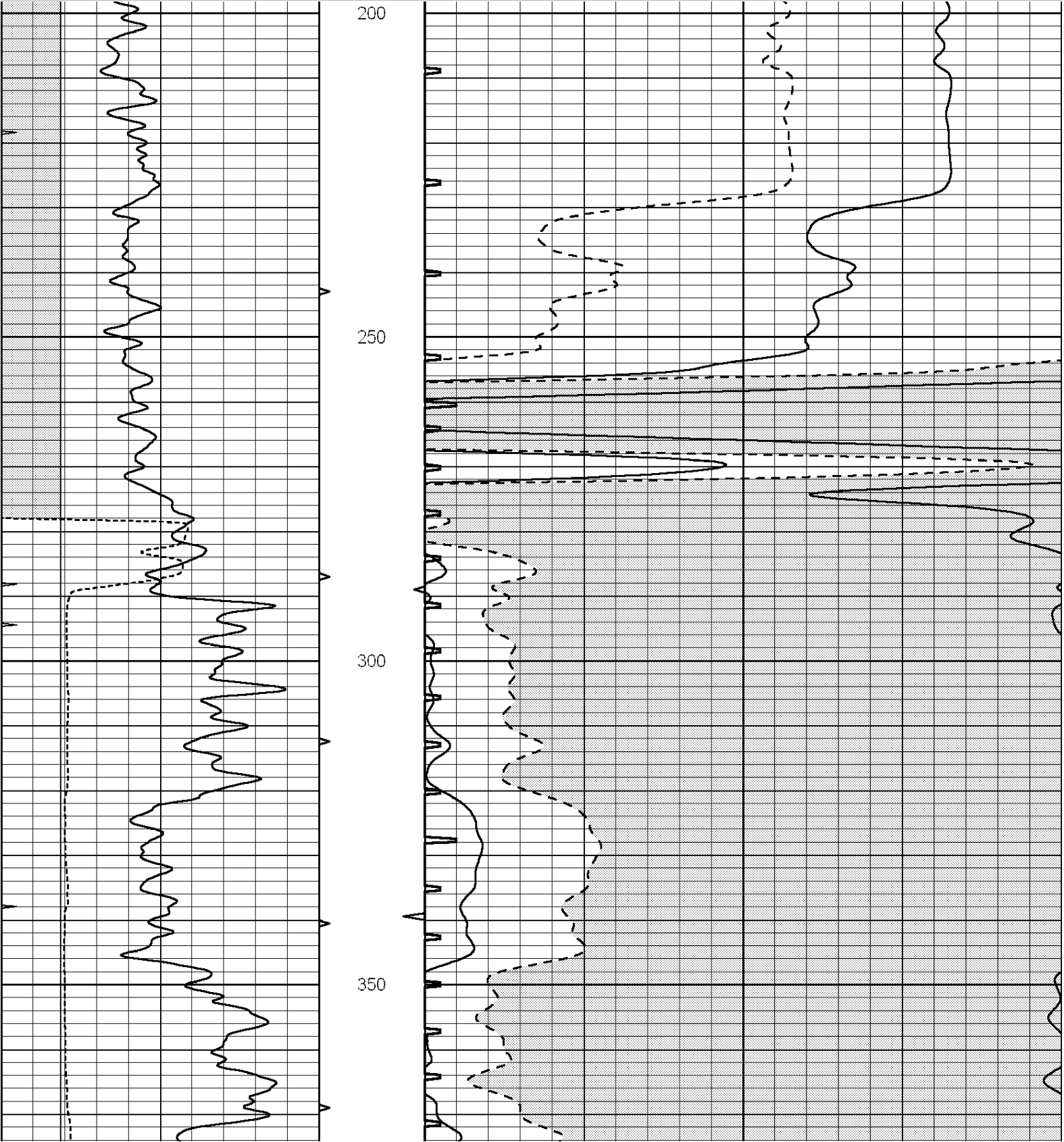
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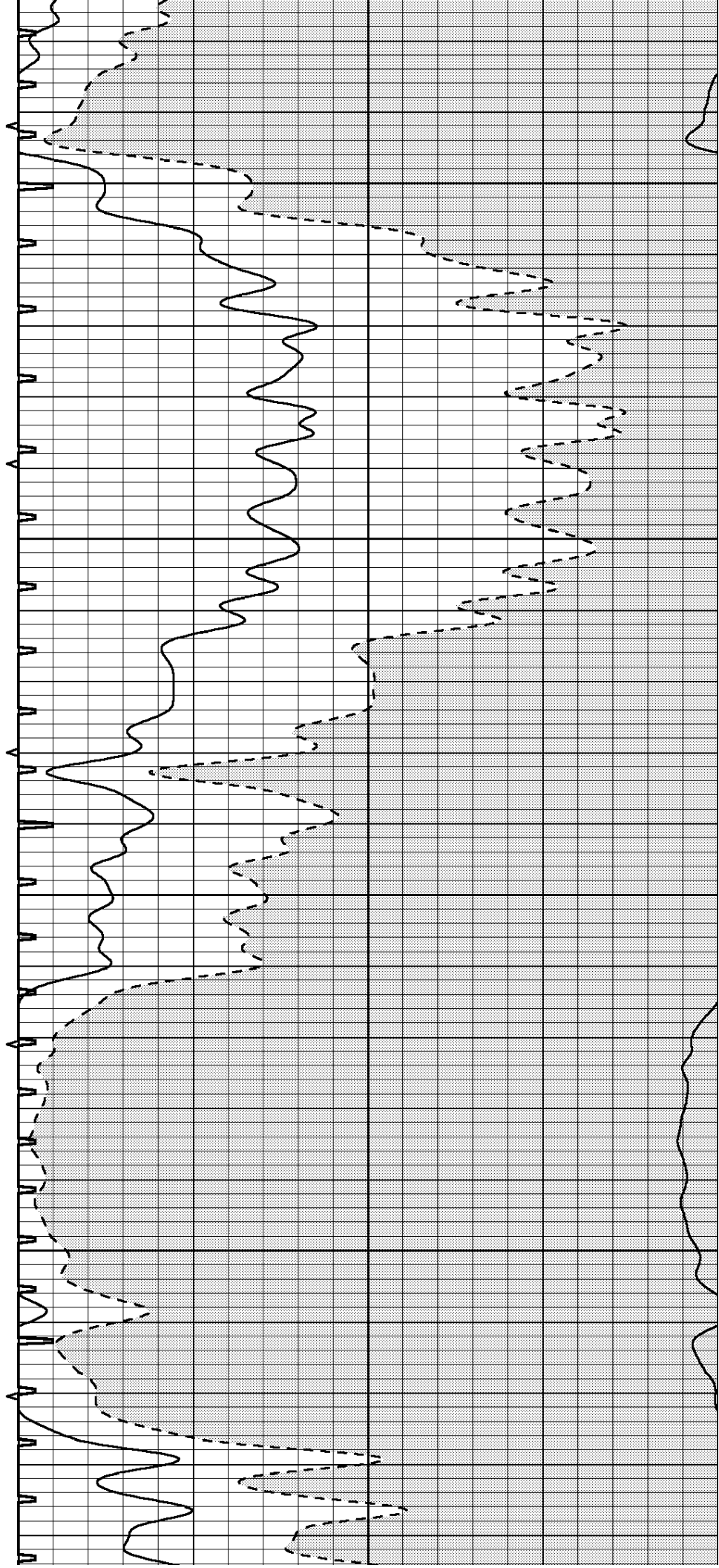
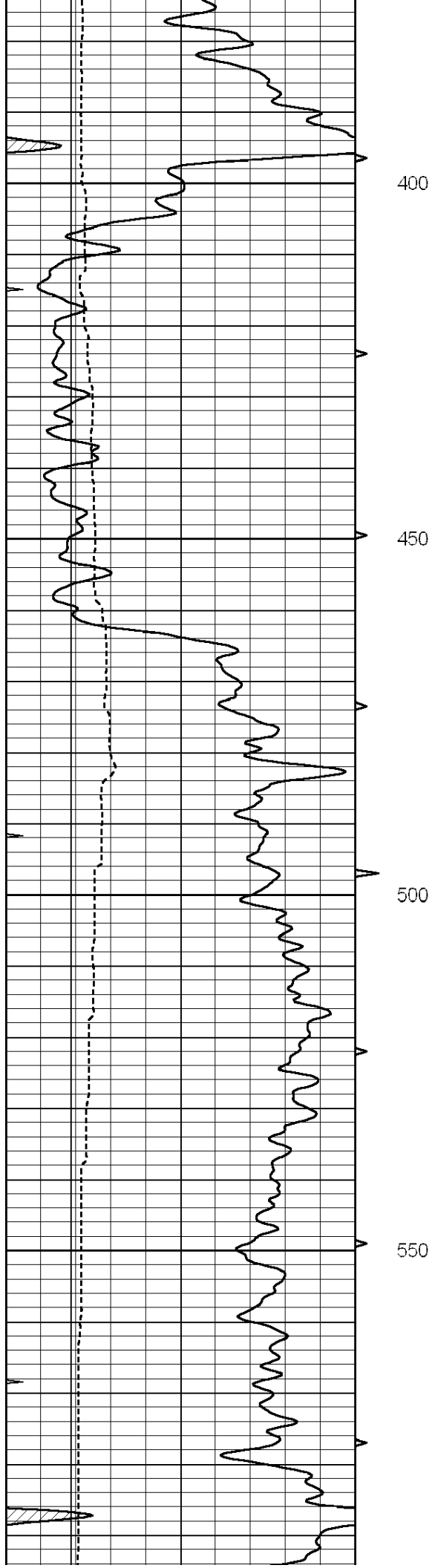
THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS

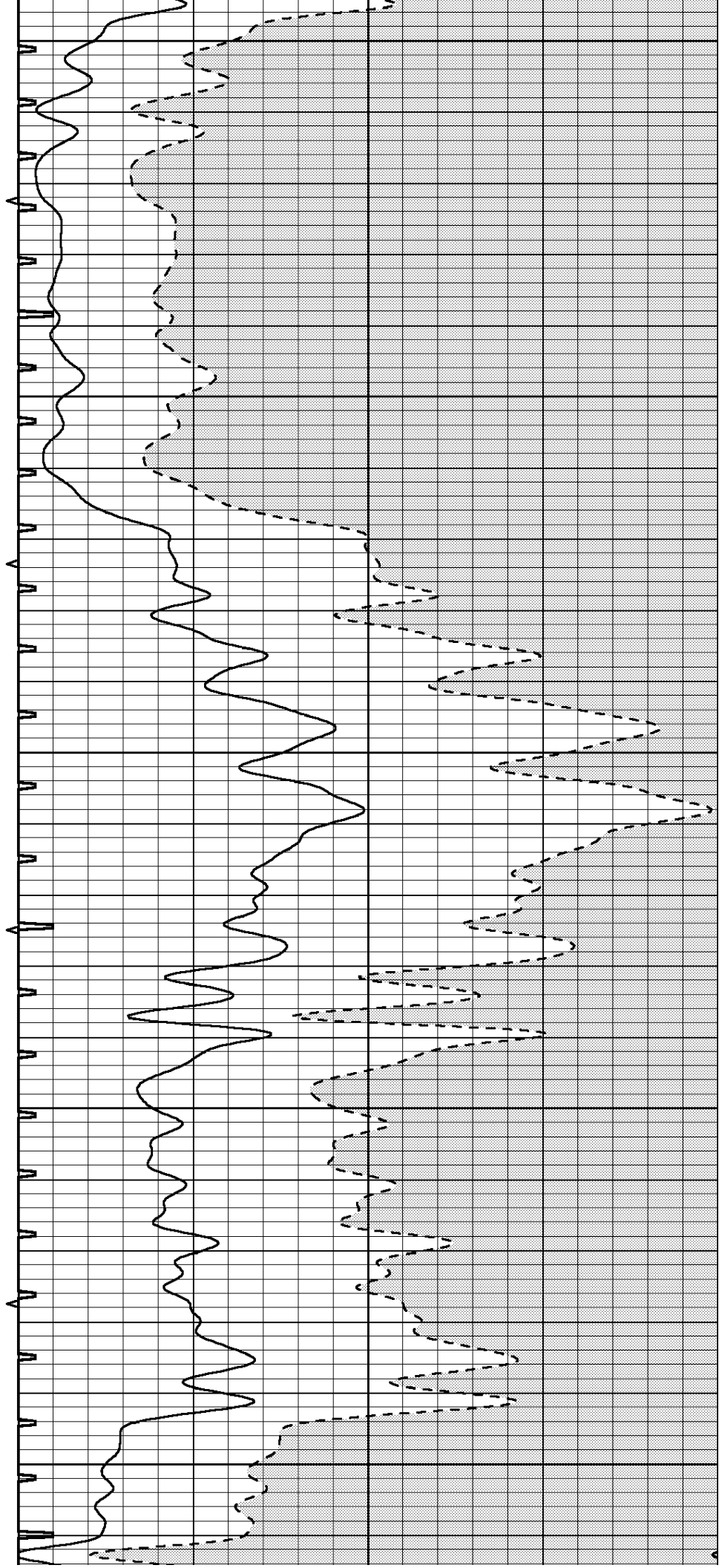
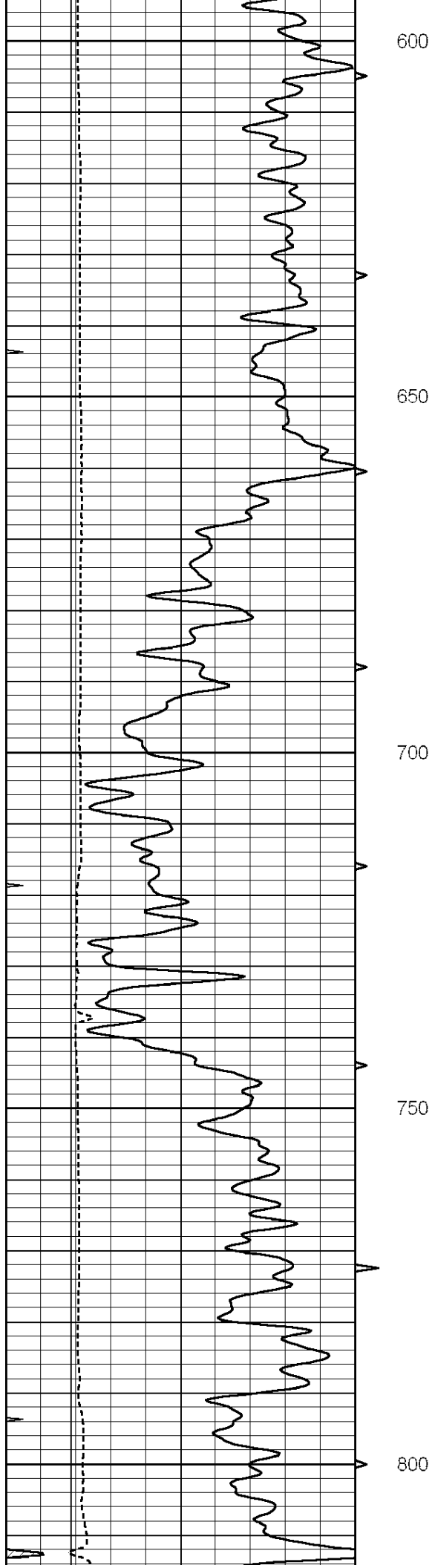
MODOC, KS., 2 1/2W. ON HWY 96 TO (SCOTT/WICHITA CO.LINE), 4N.TO "RD. 190", 2E., TO DIRT TRAIL,
1N. TO "T", 1/4W. IN PASTURE, N. INTO

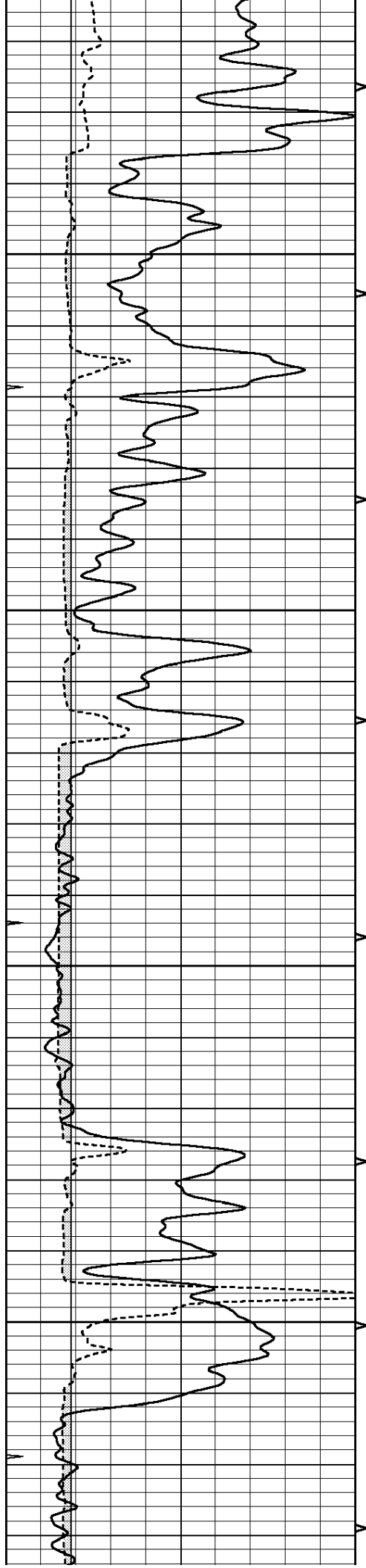
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Presentation Format: slt
Dataset Creation: Sun Jan 26 22:51:03 2014 by Calc SOC 120430
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3) 10			







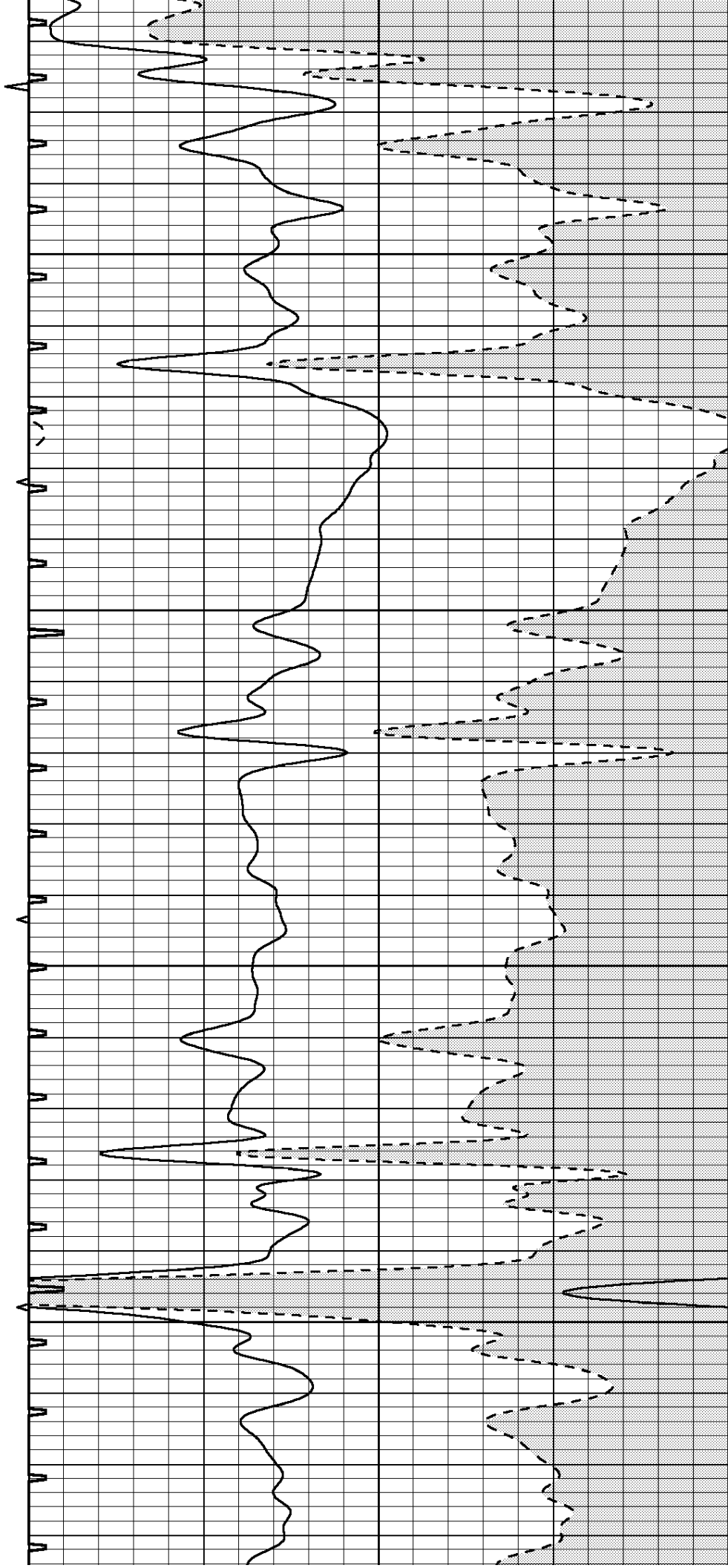


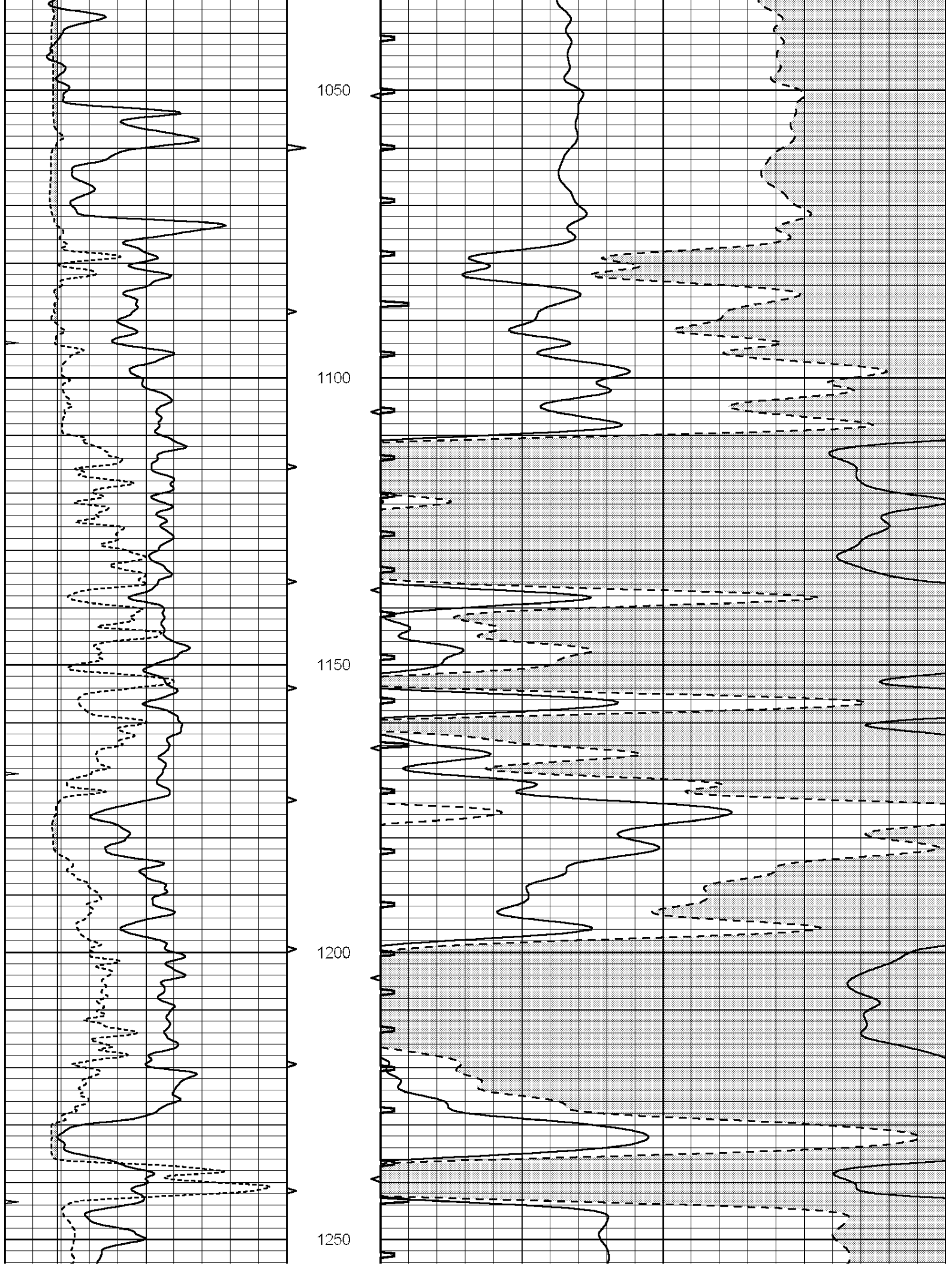
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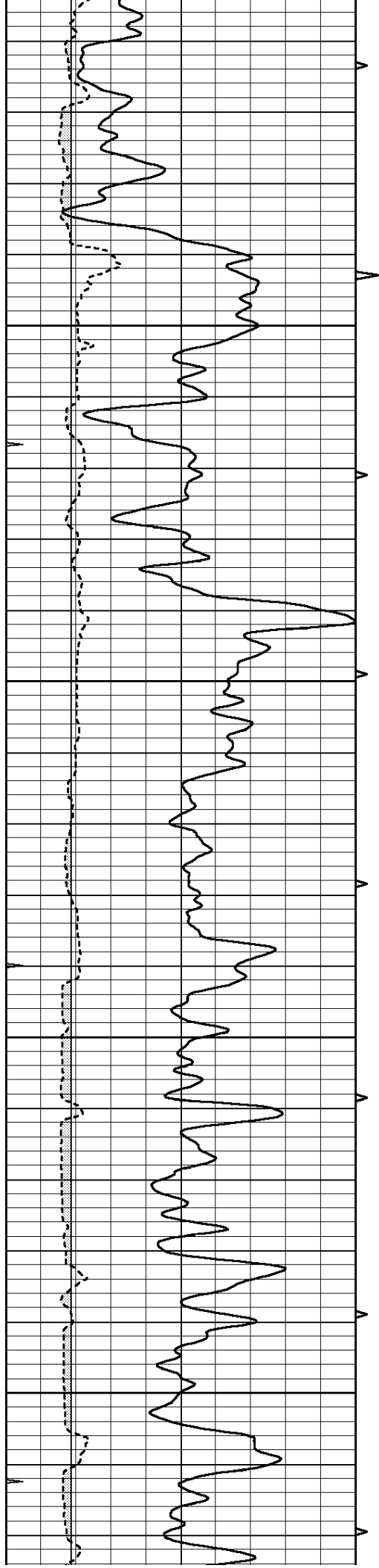
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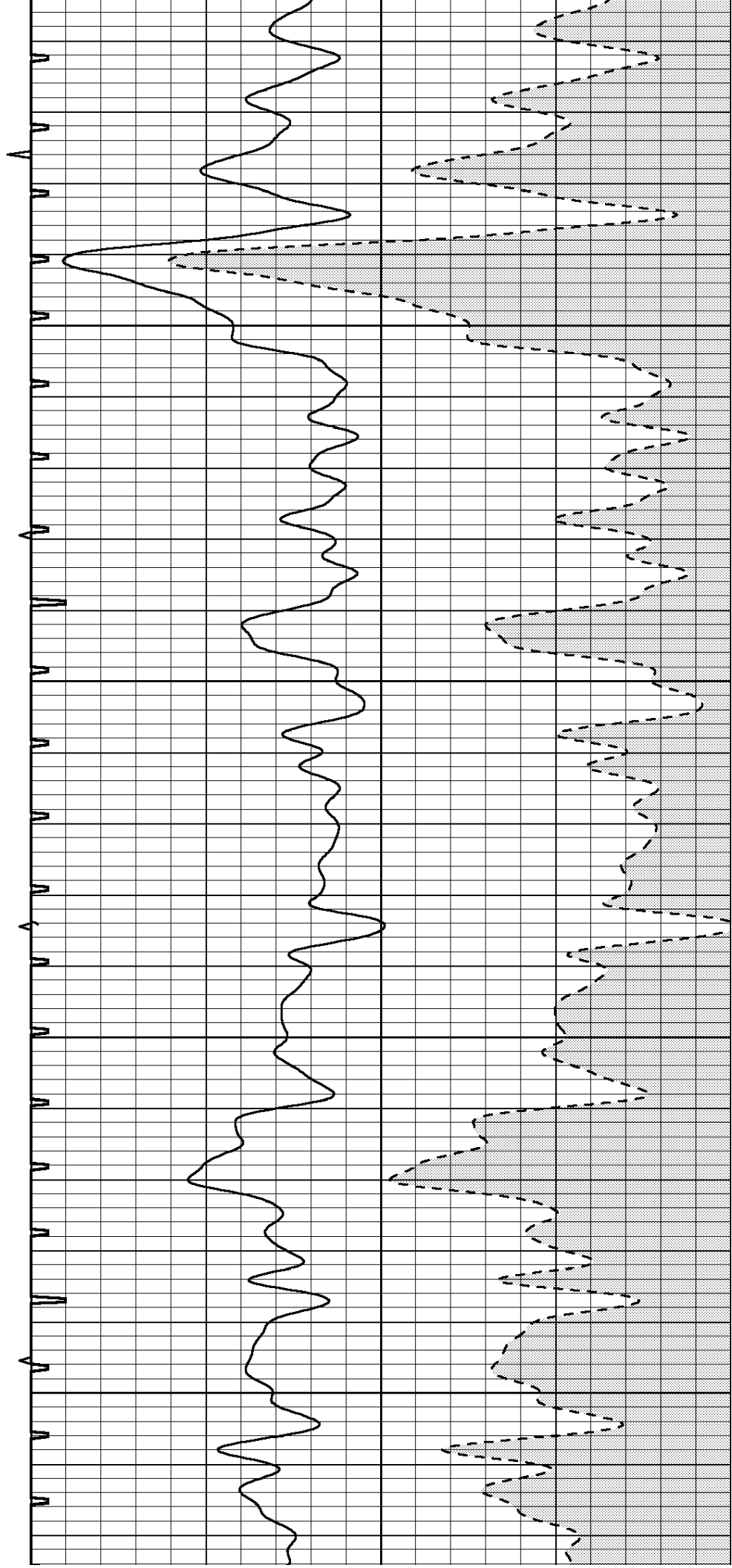


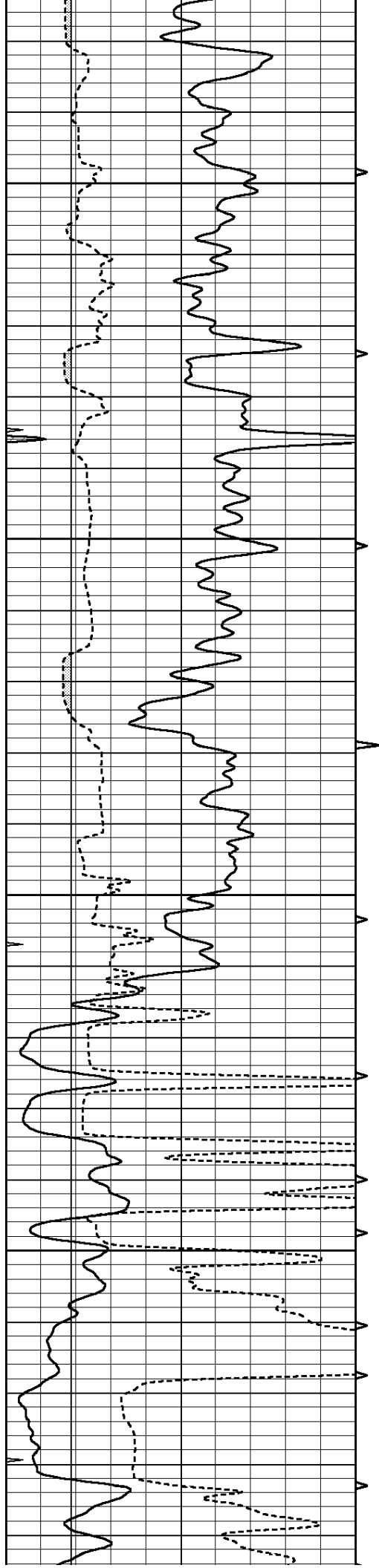
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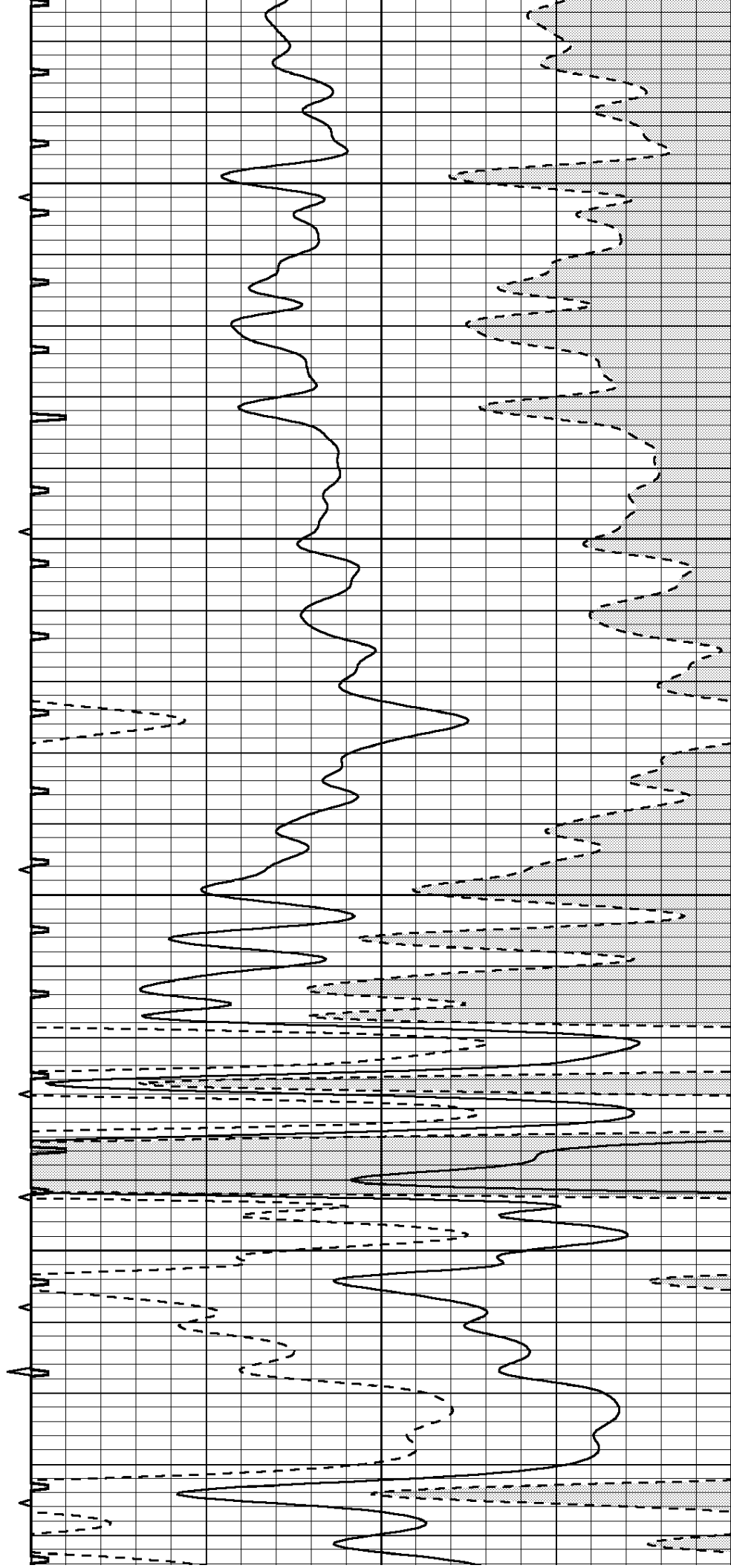


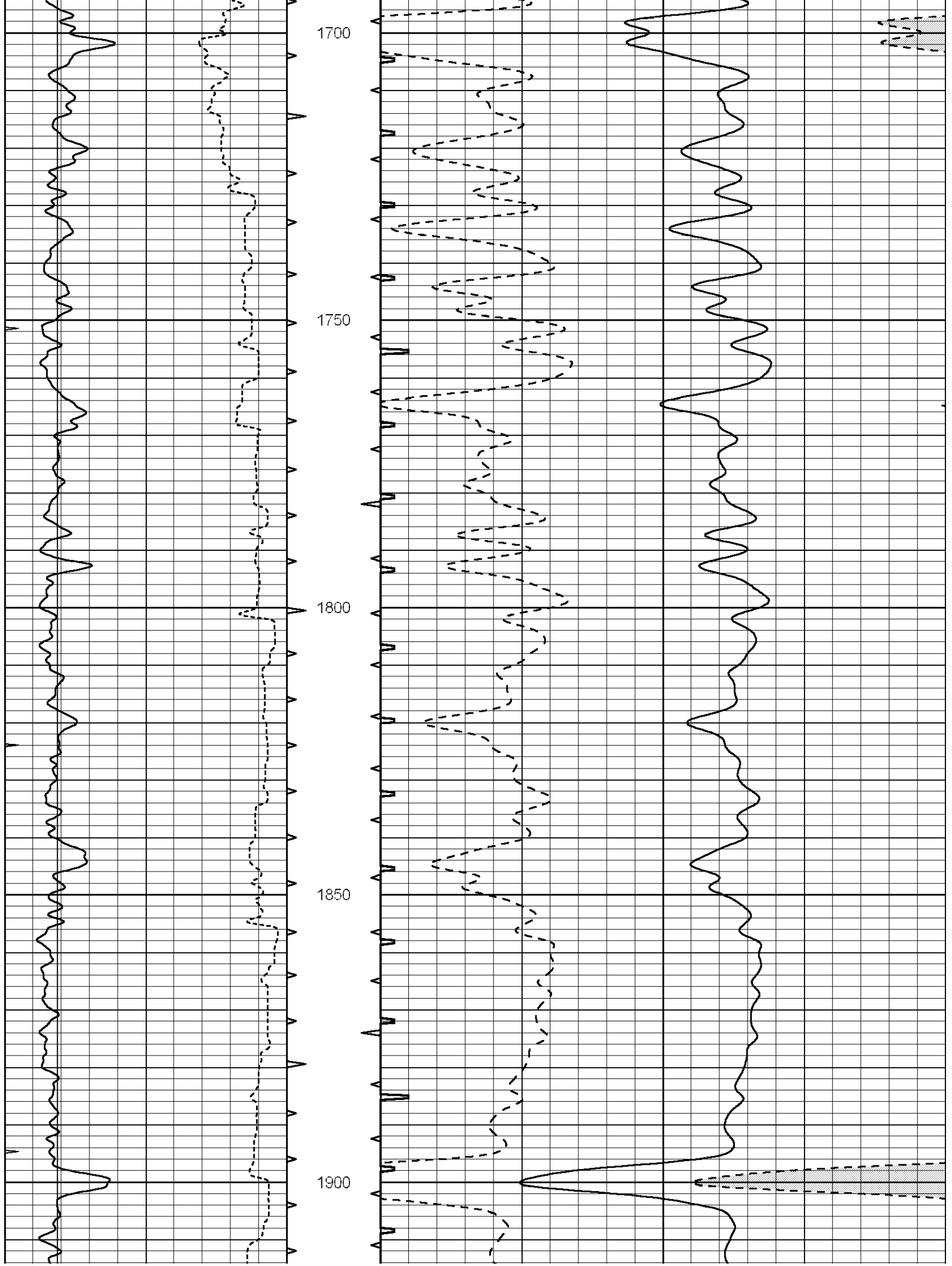
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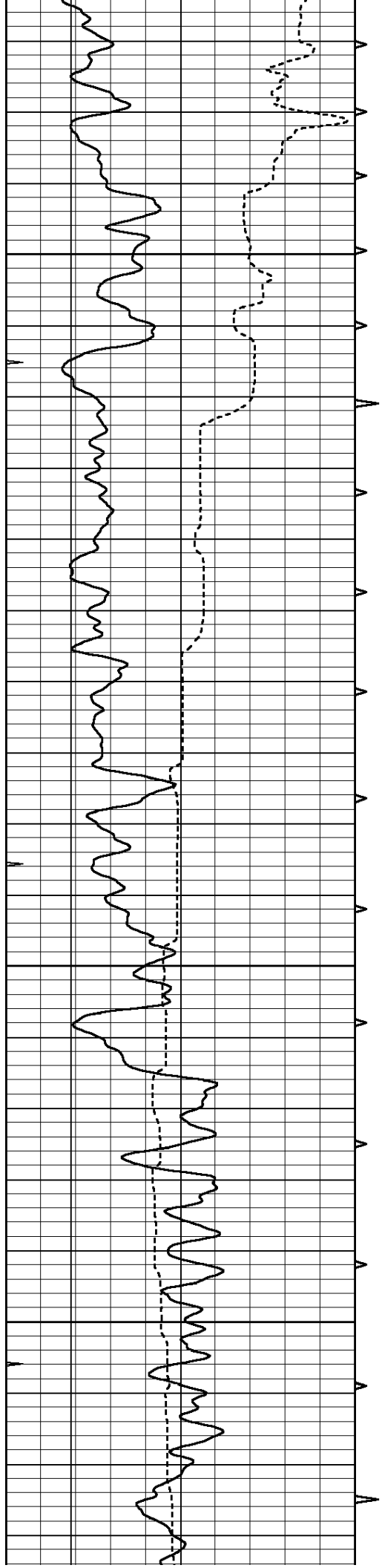
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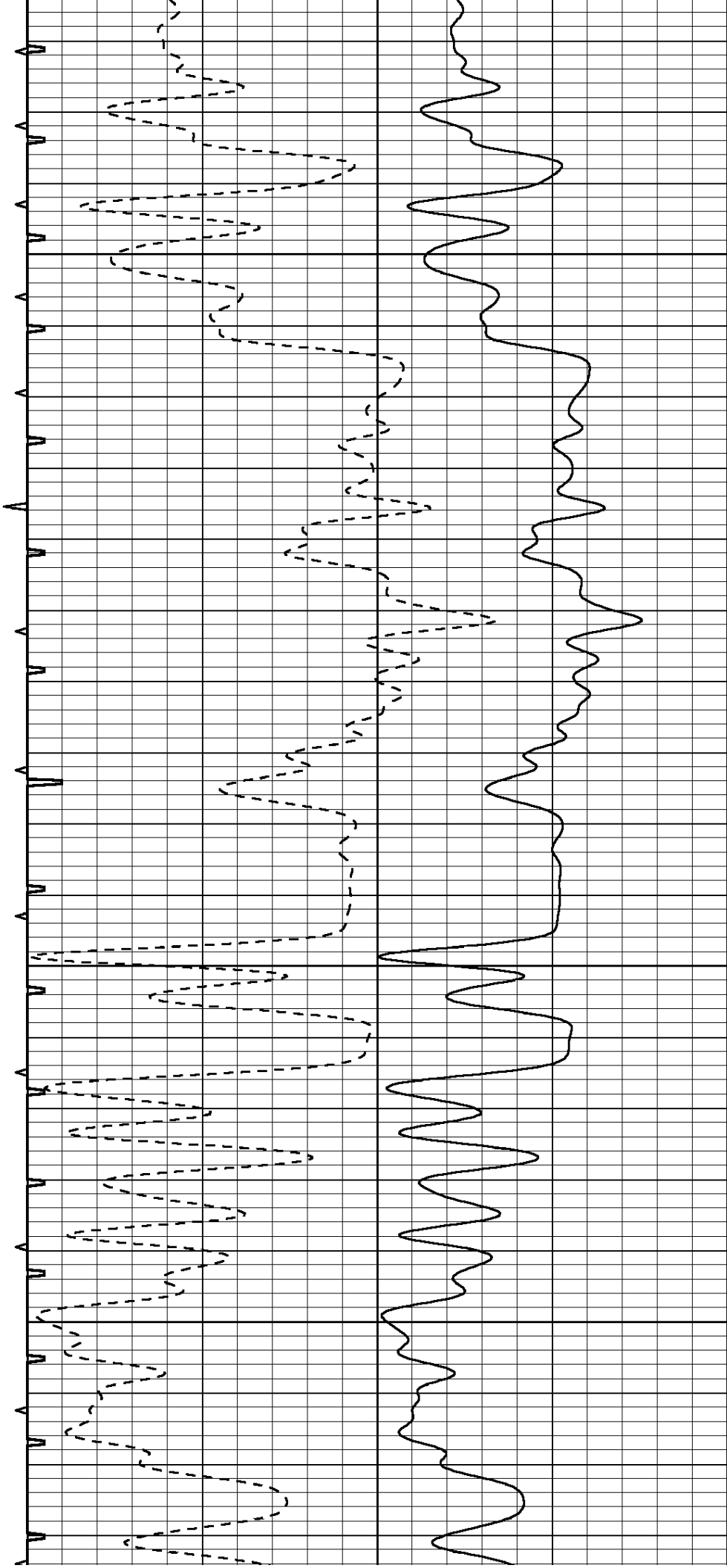


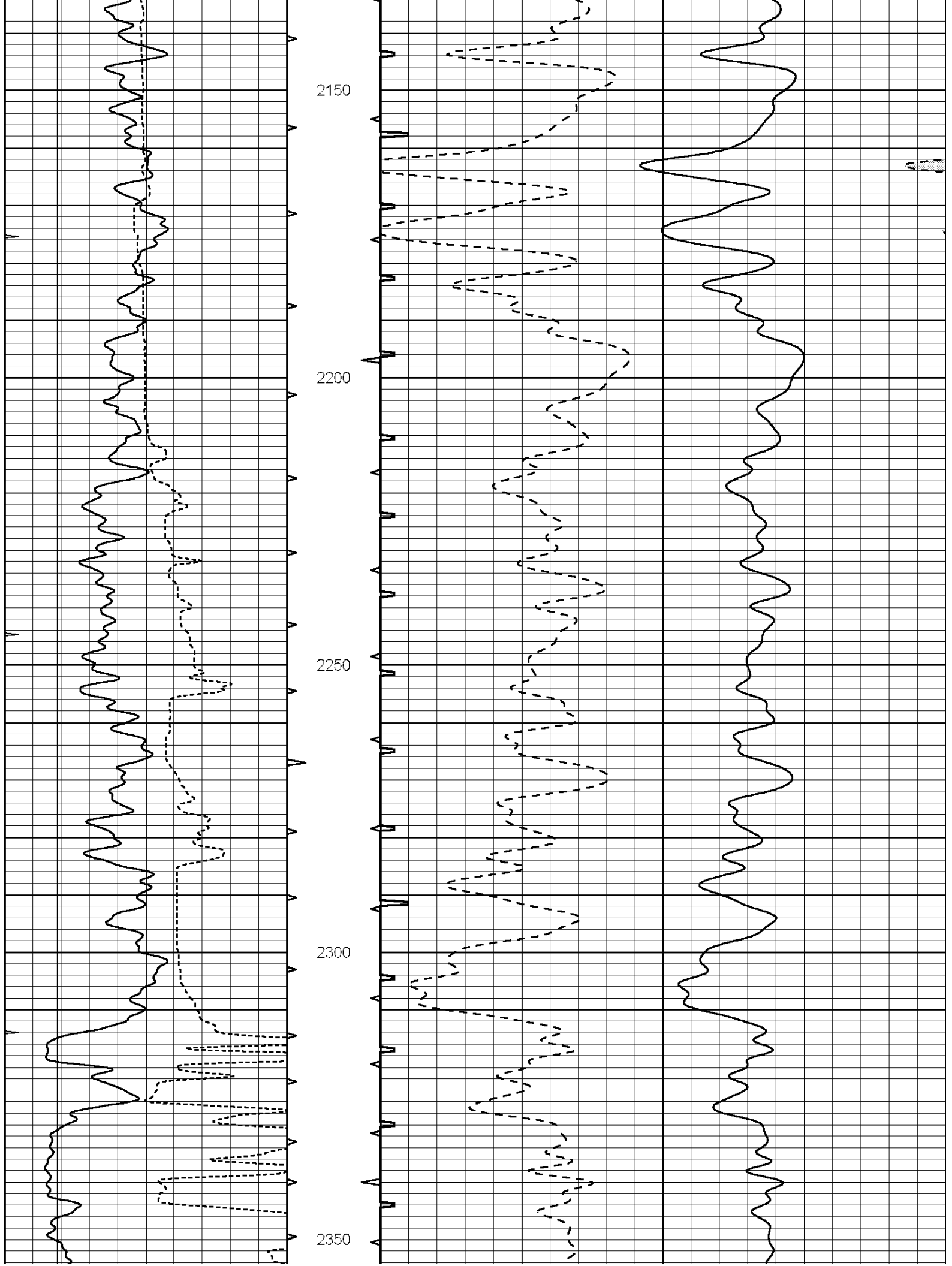
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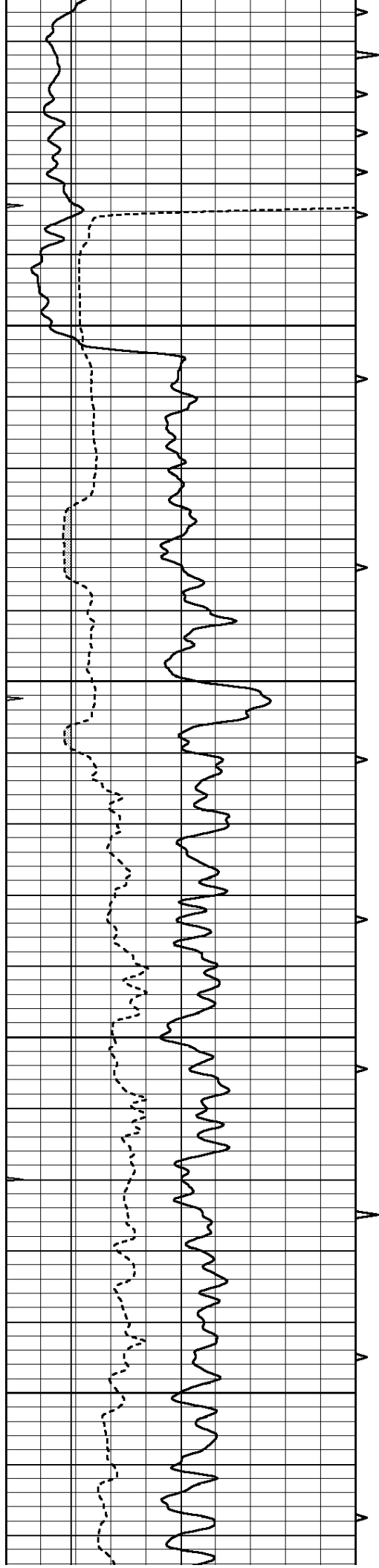
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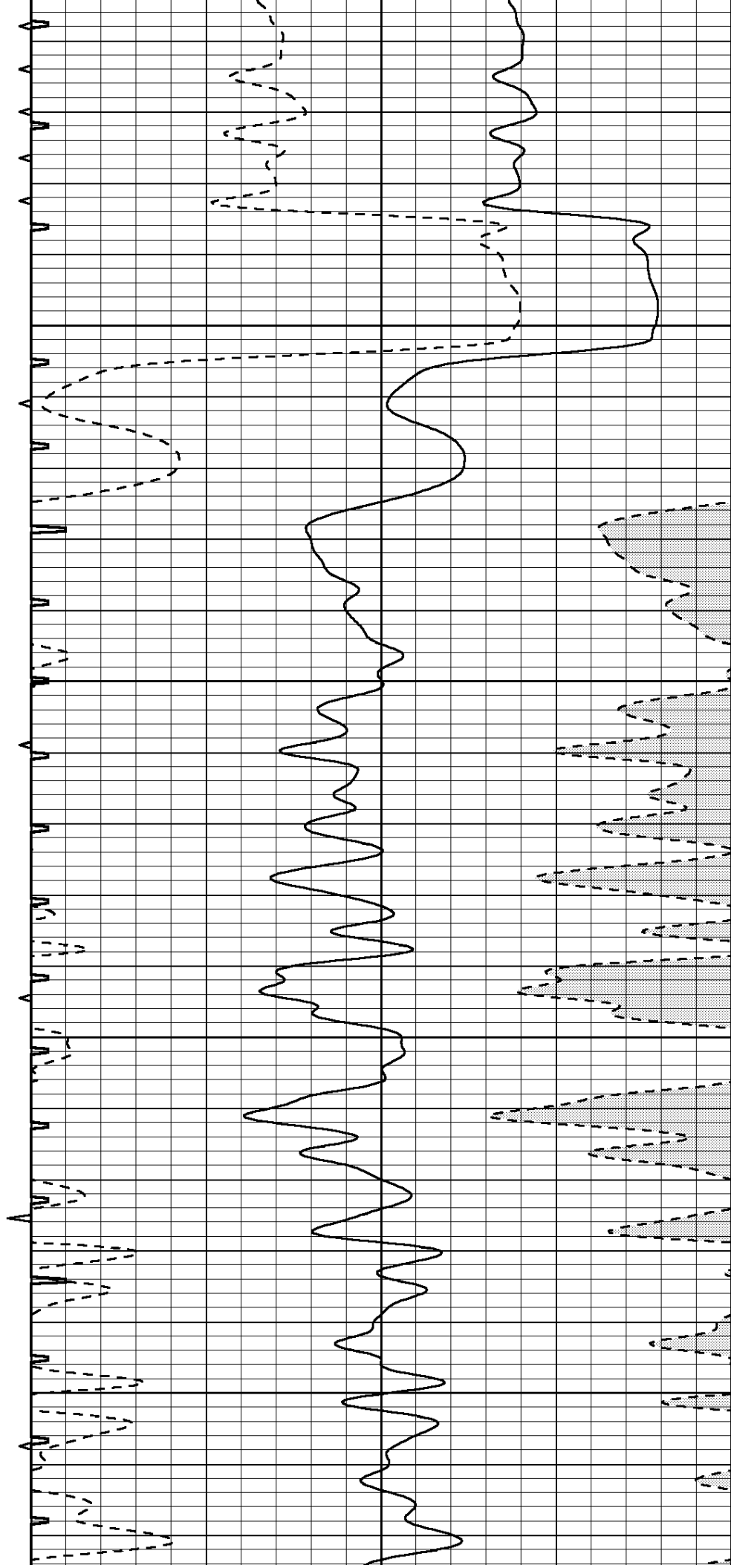


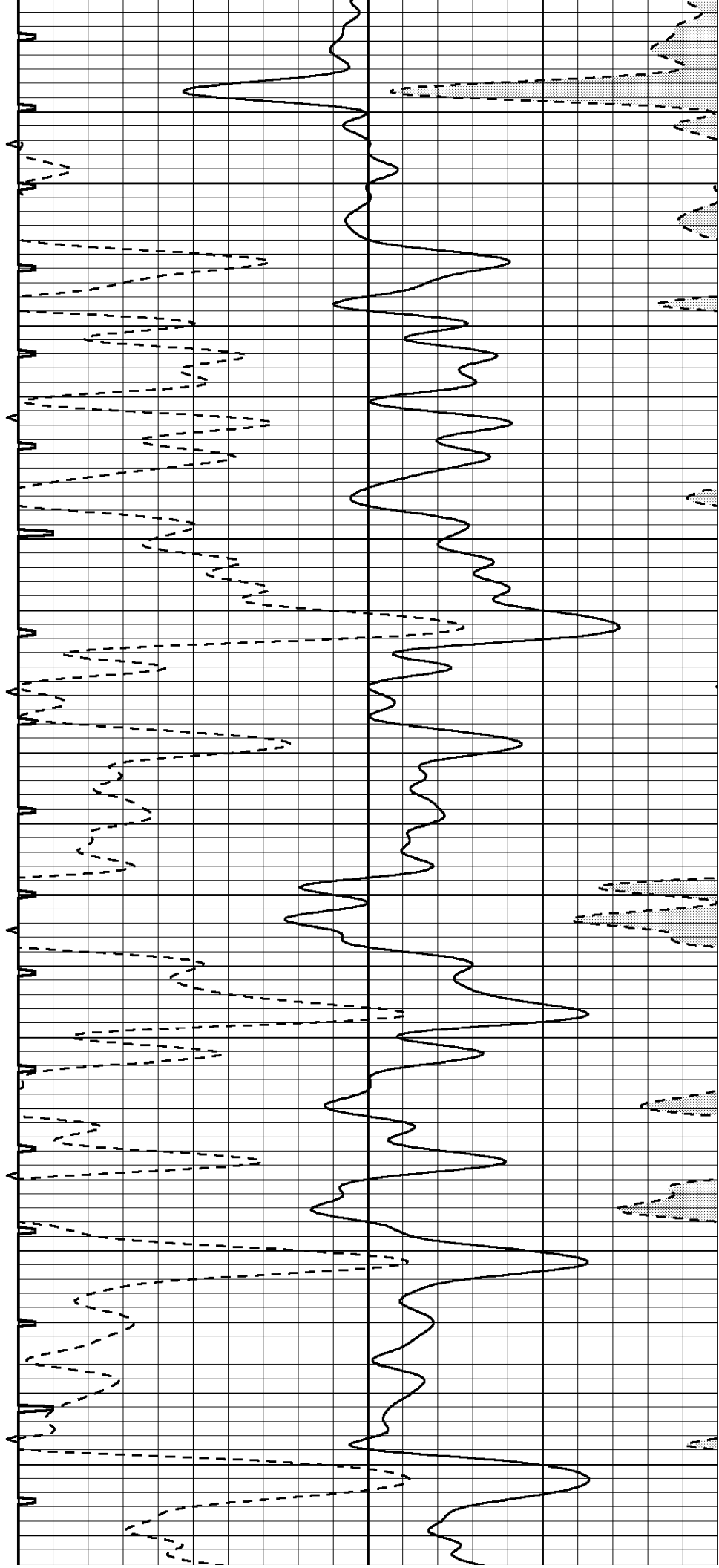
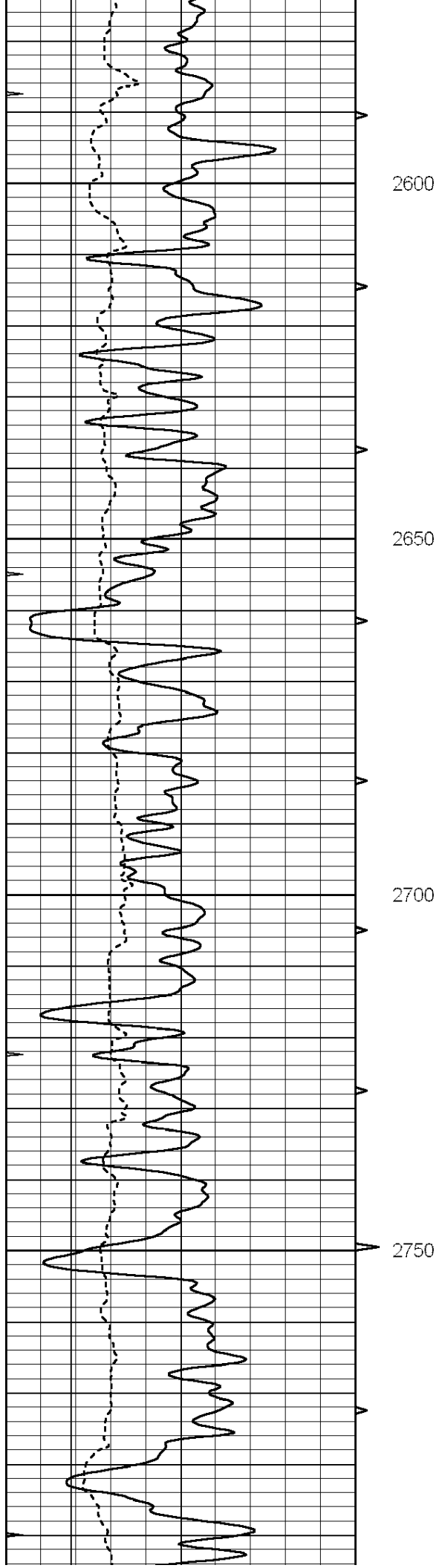
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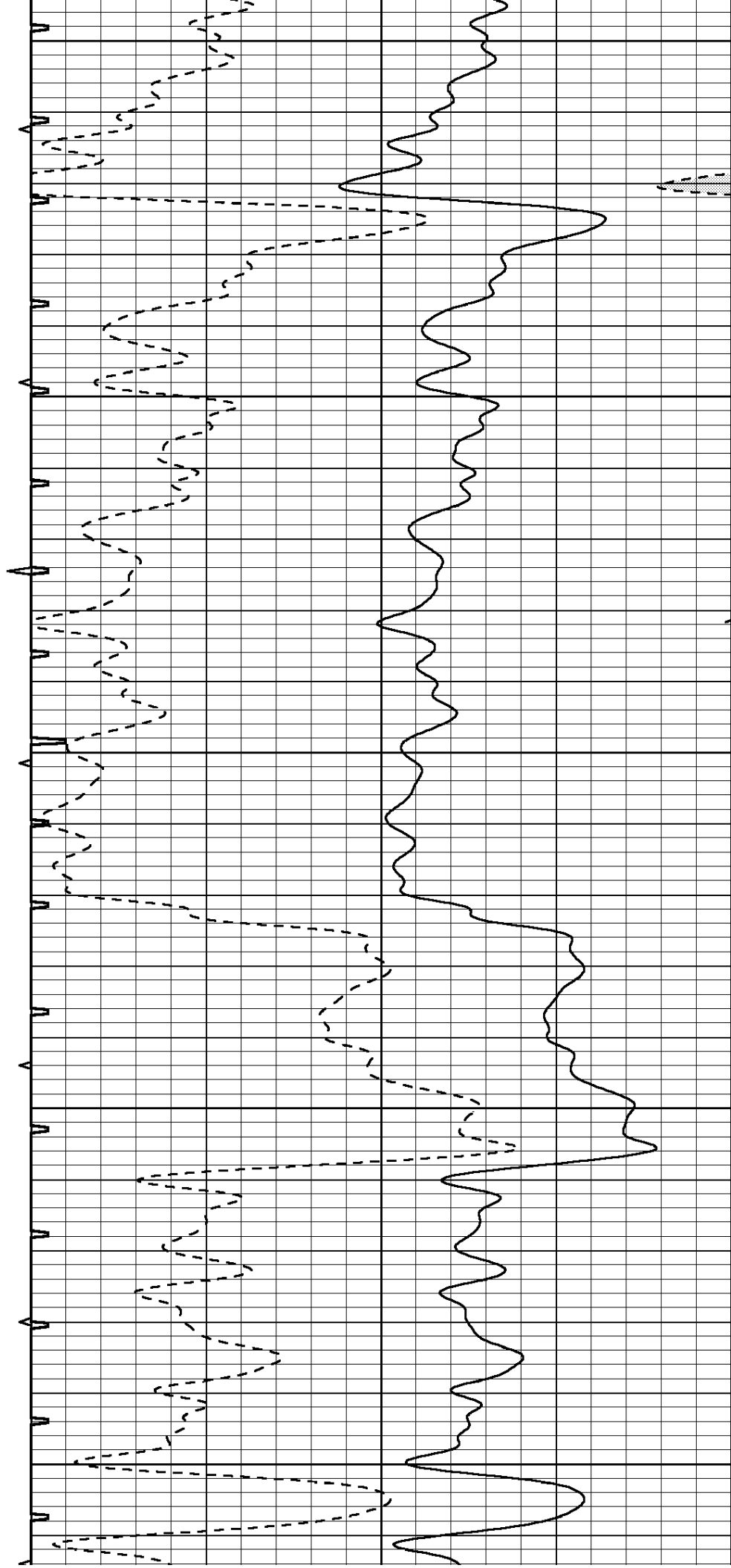
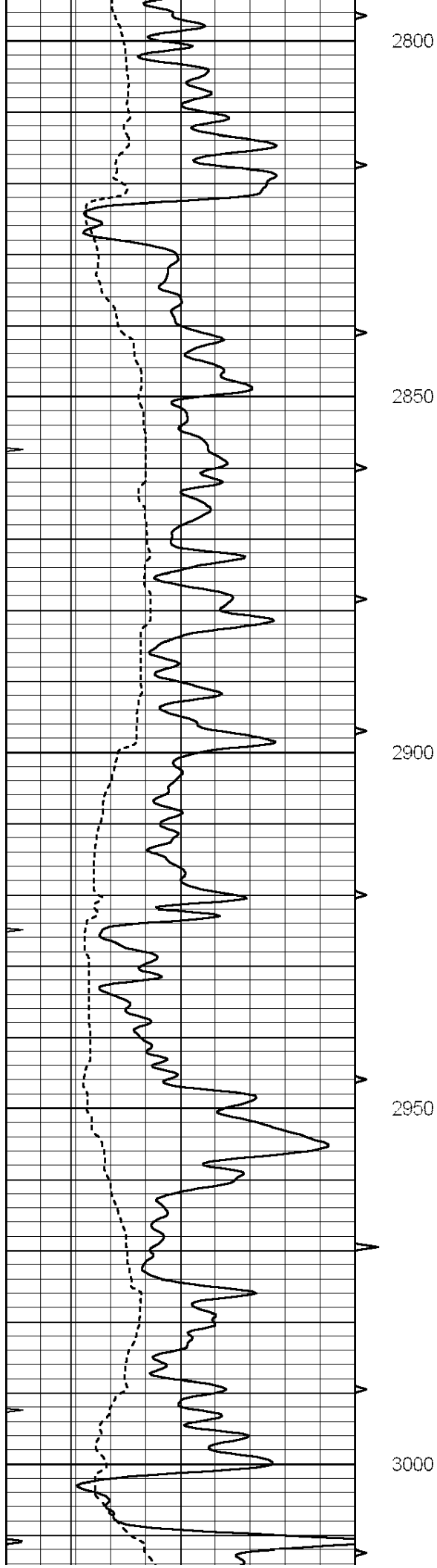
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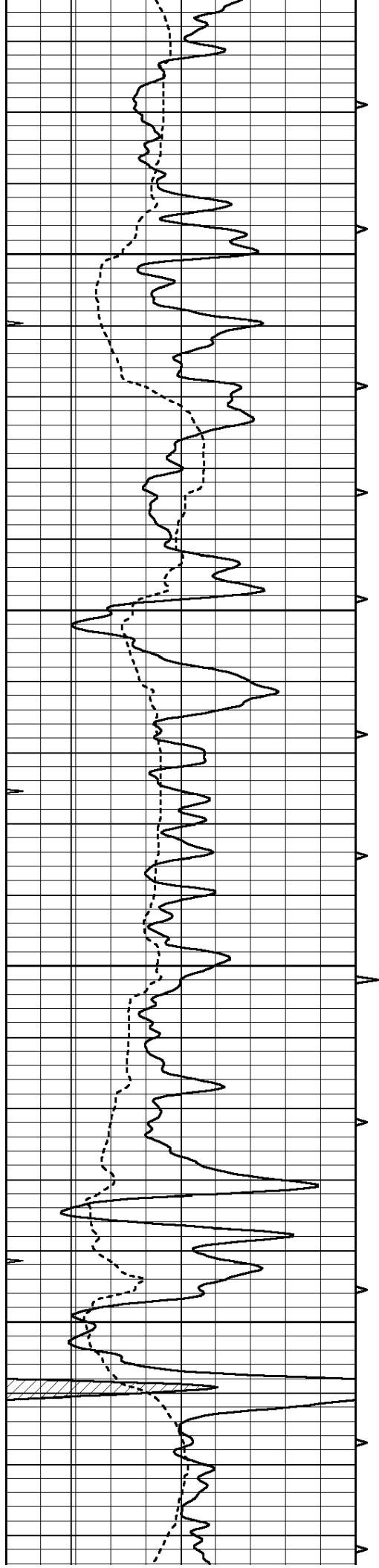
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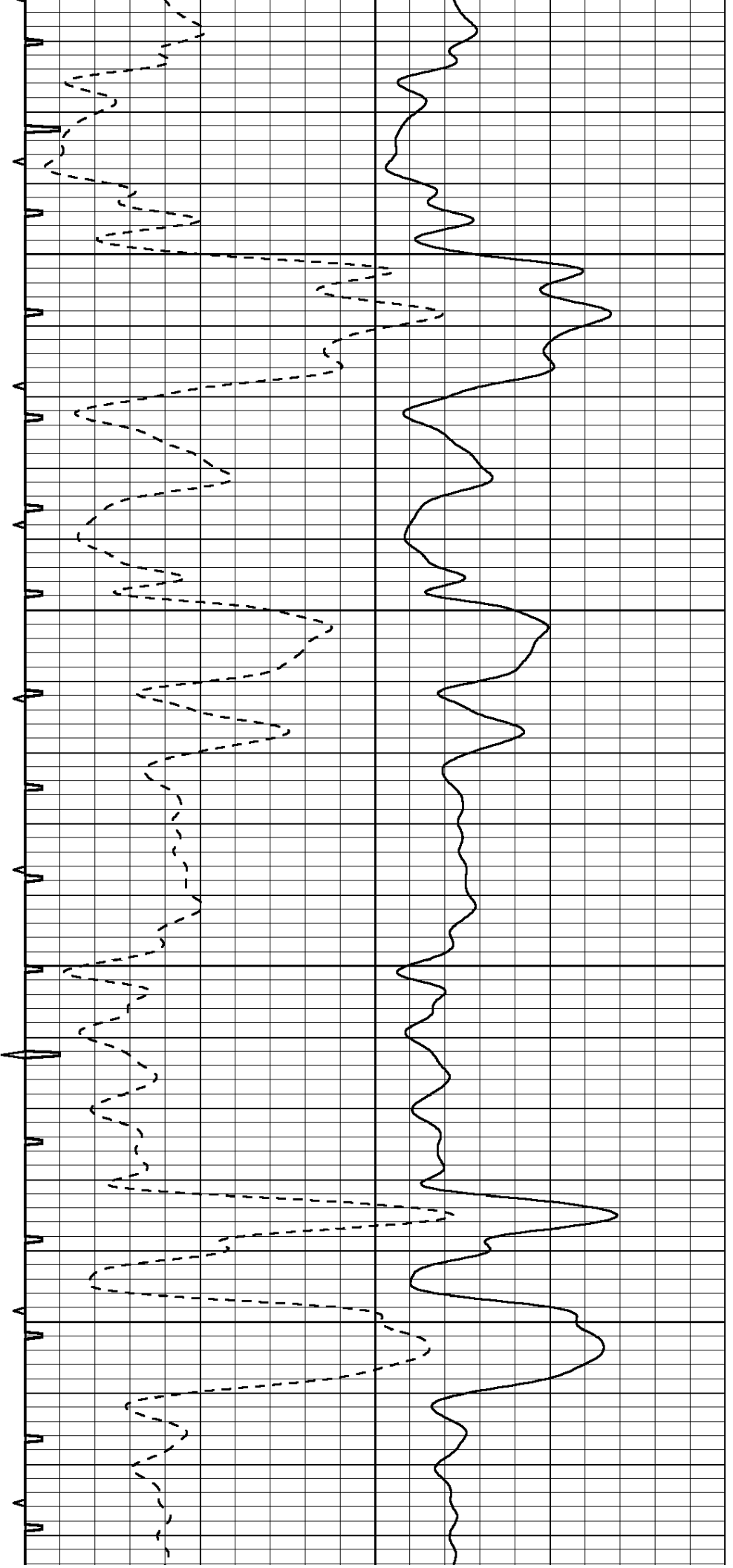


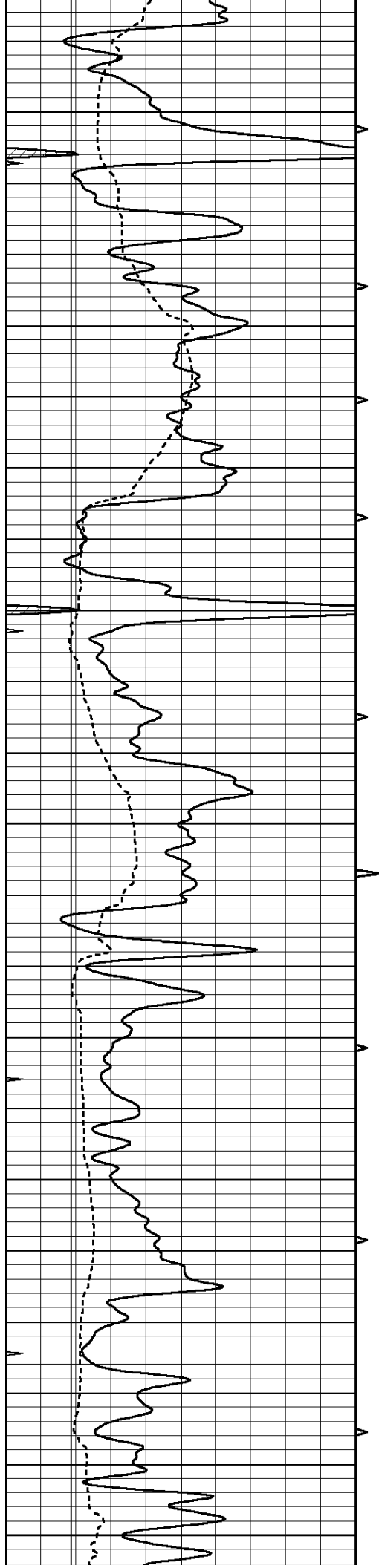
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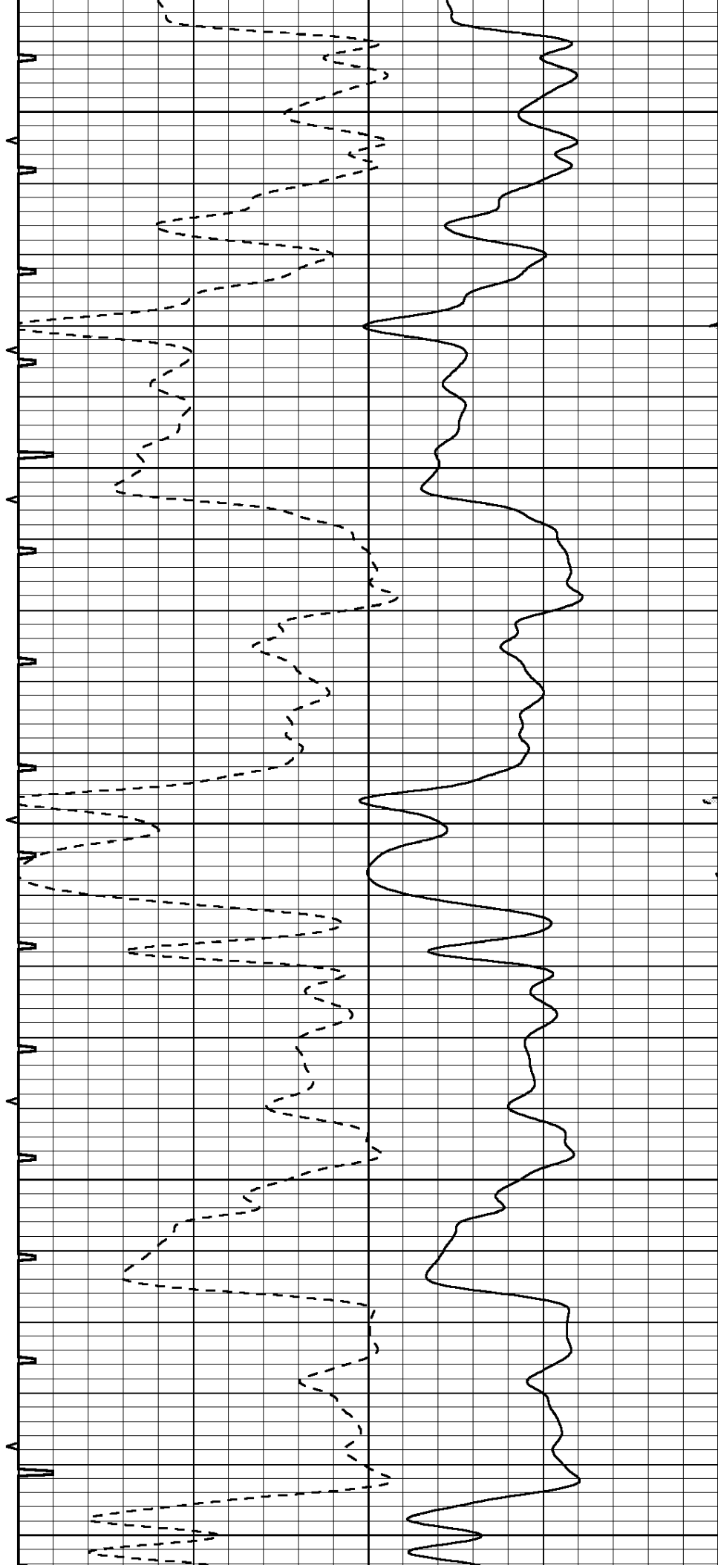
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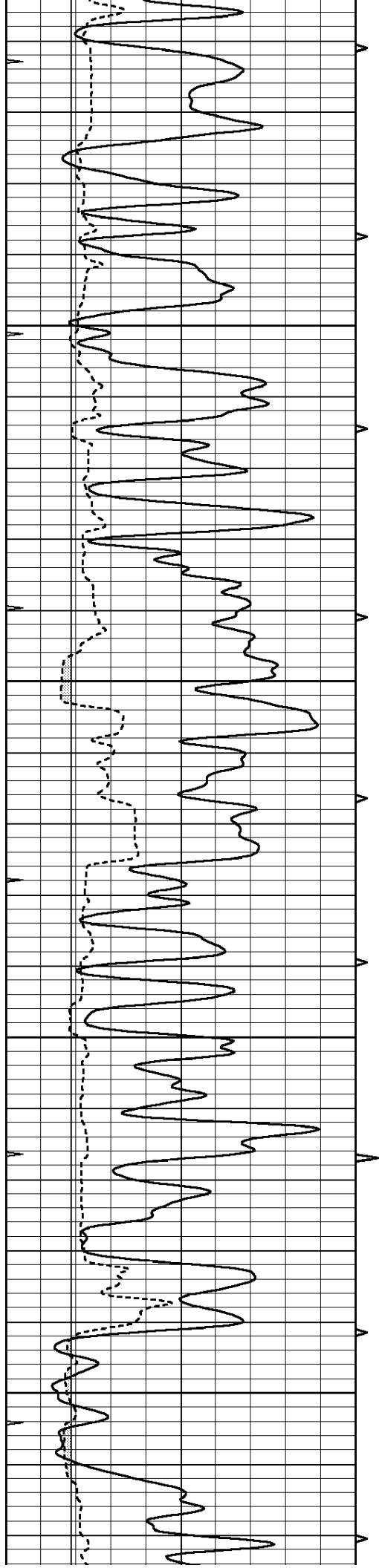
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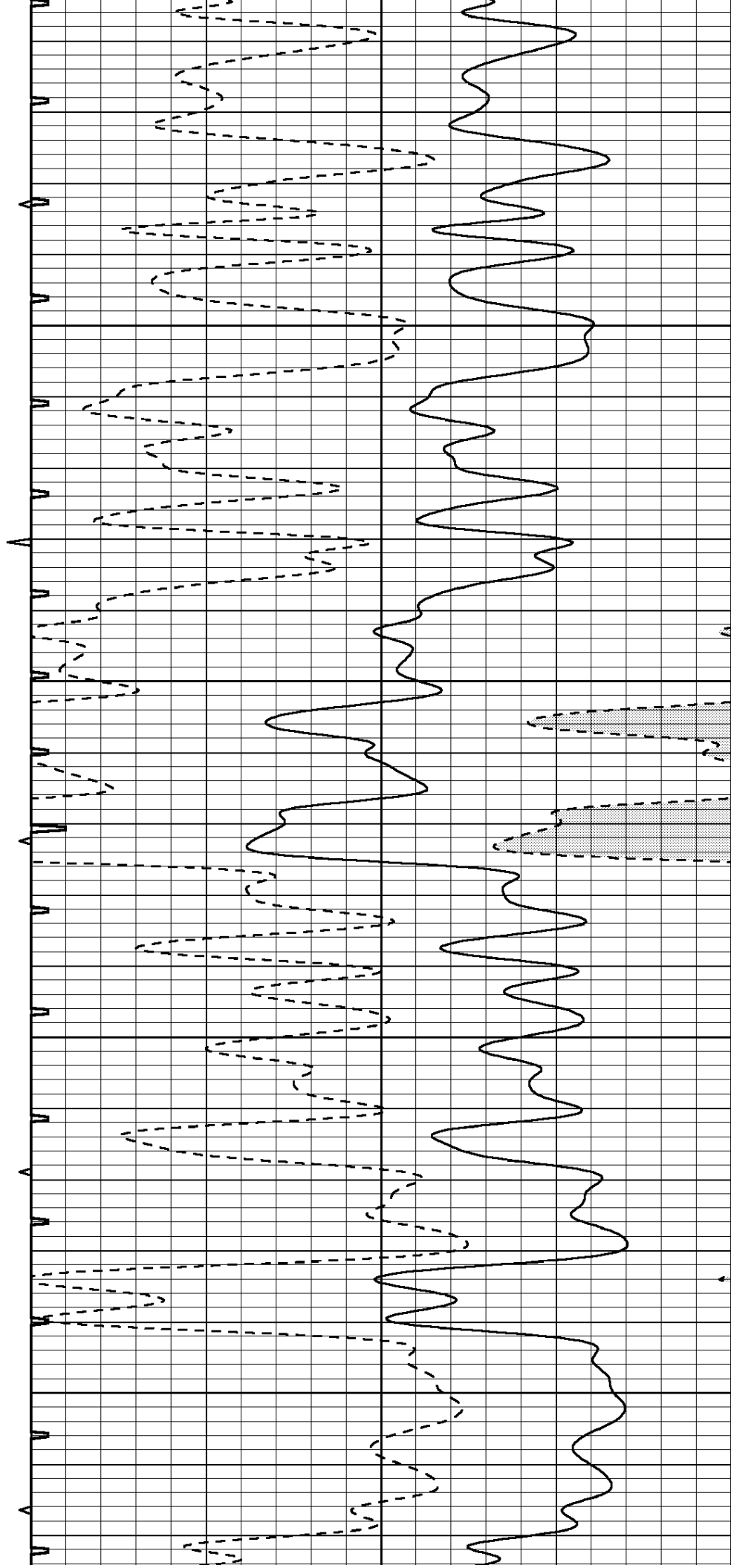


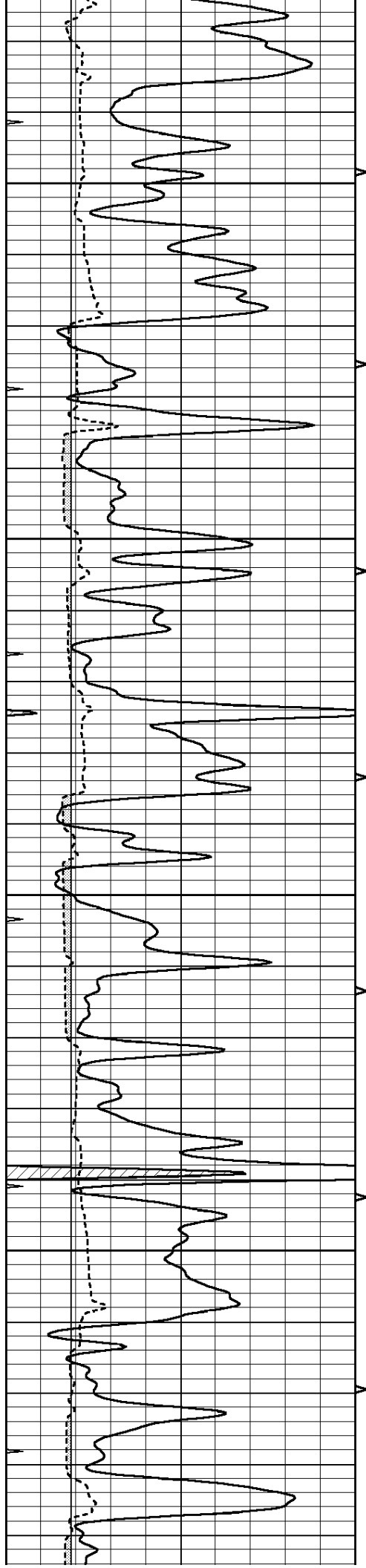
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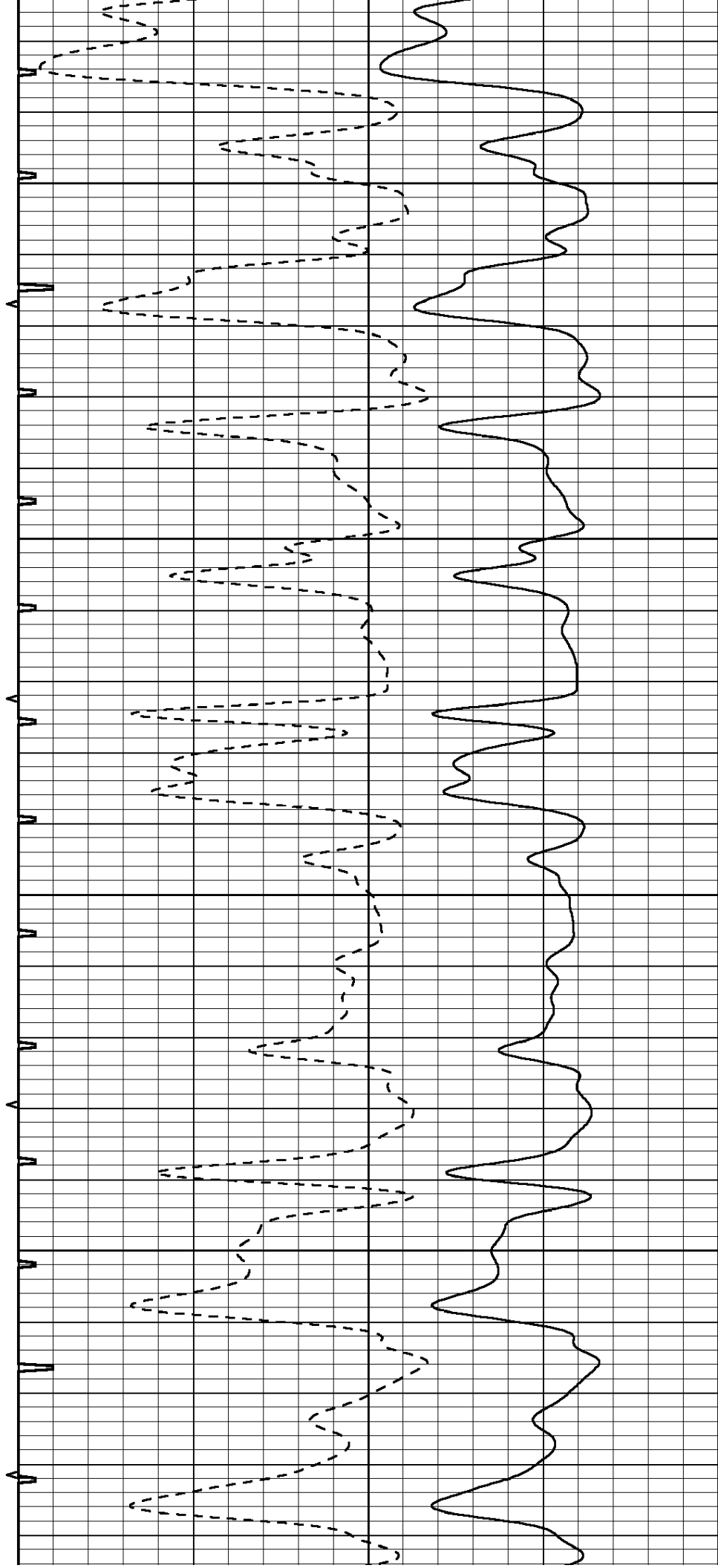


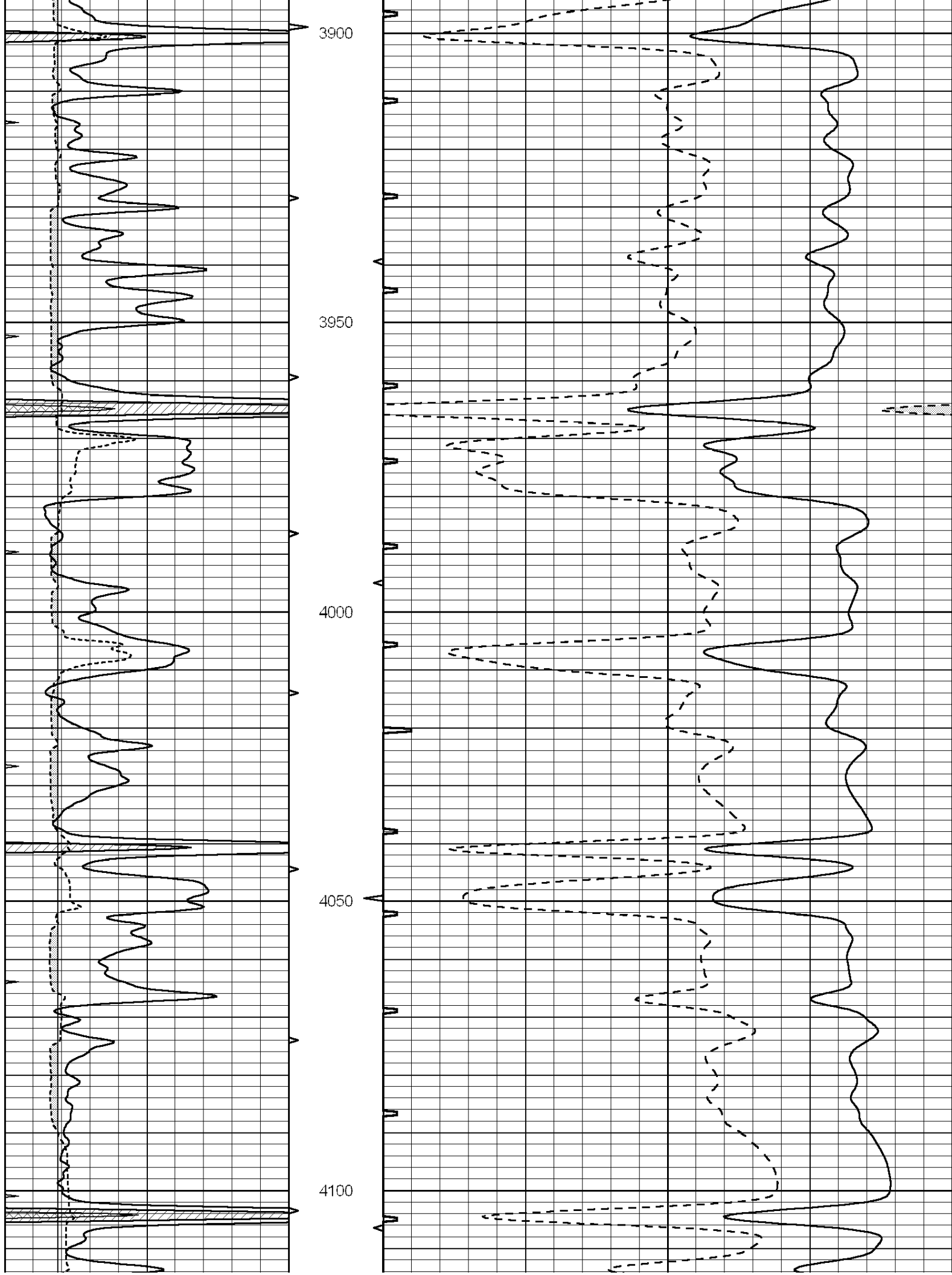
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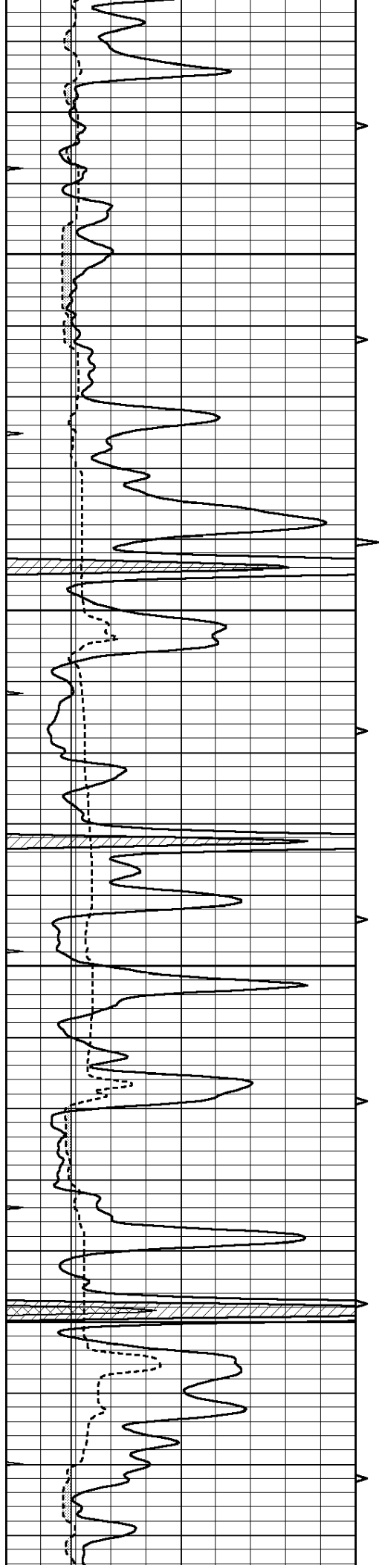
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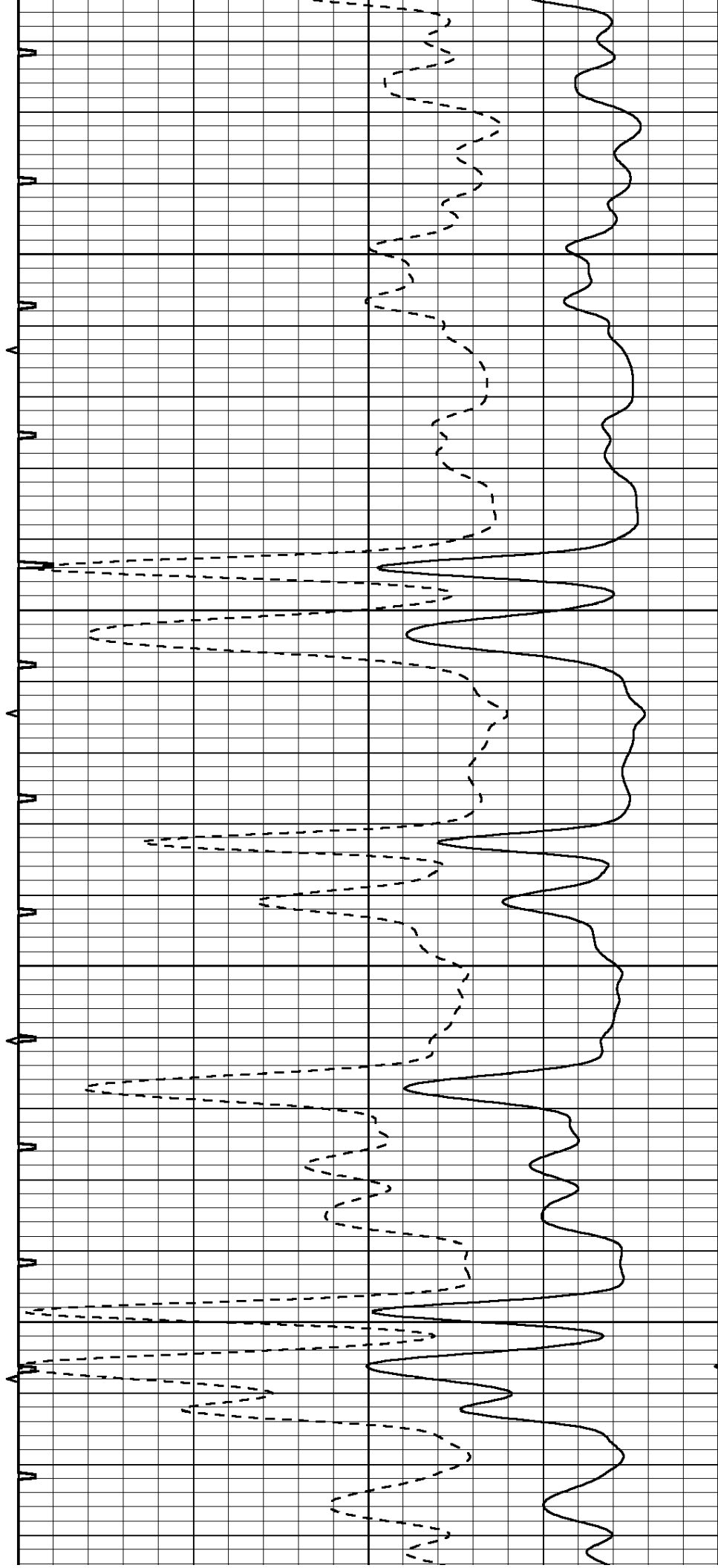


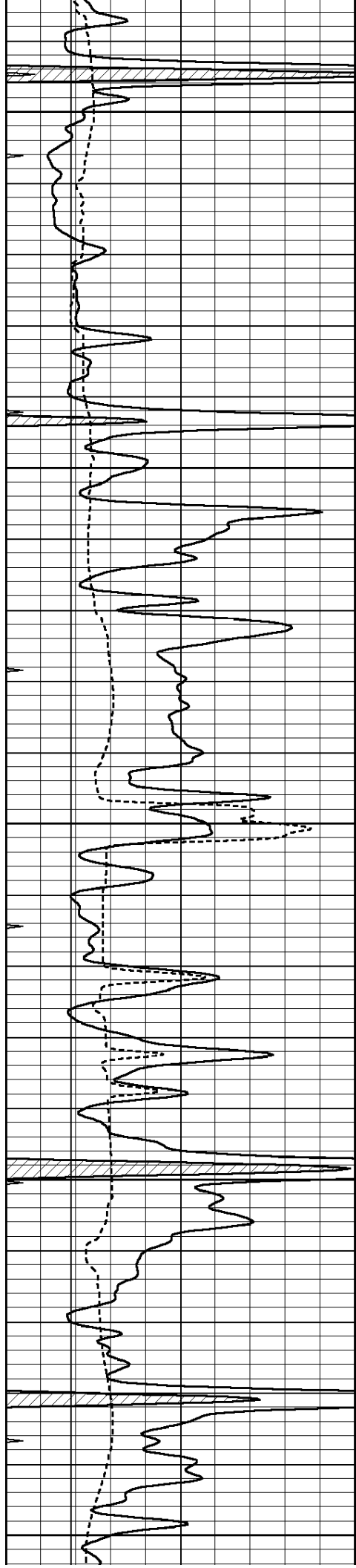
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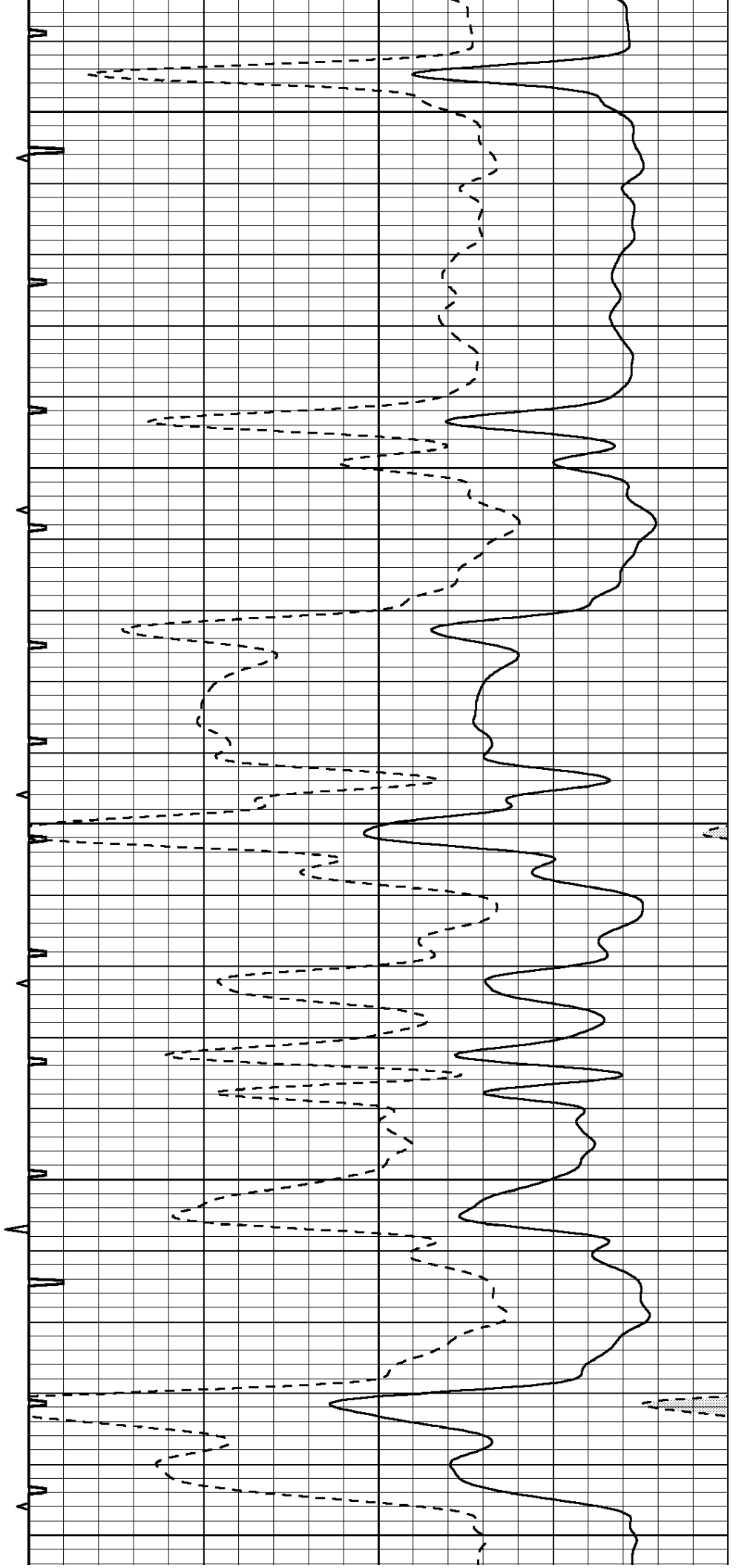
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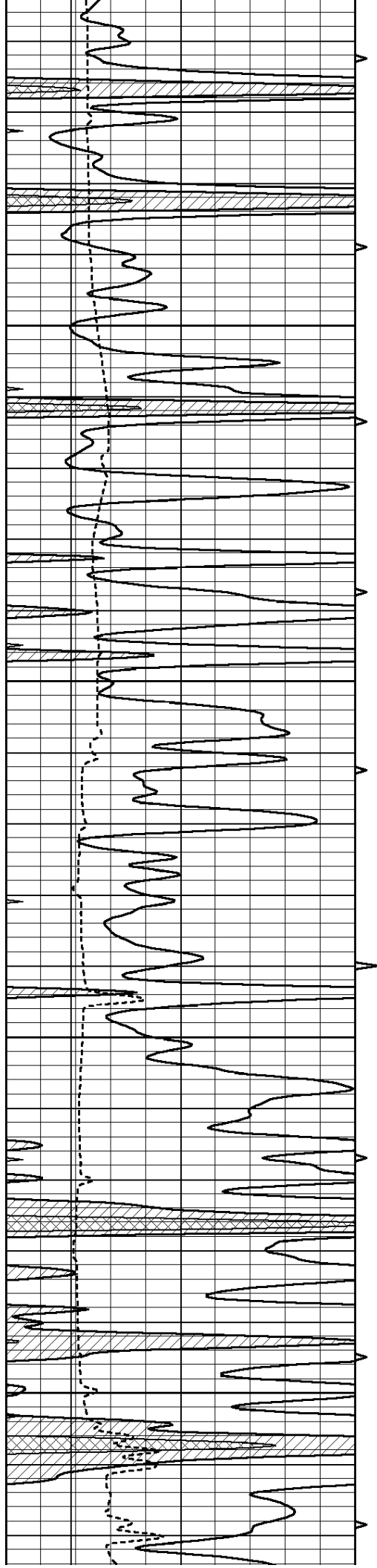
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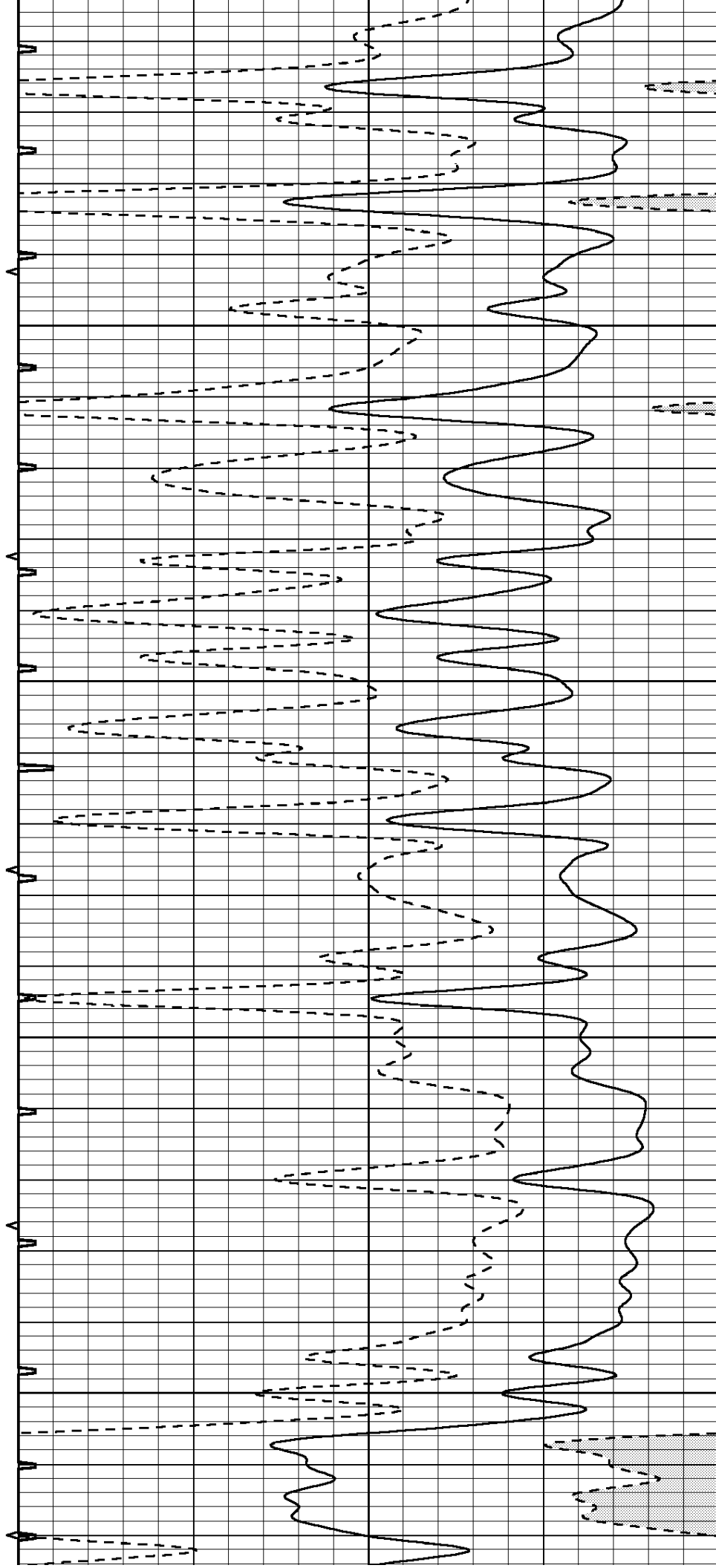


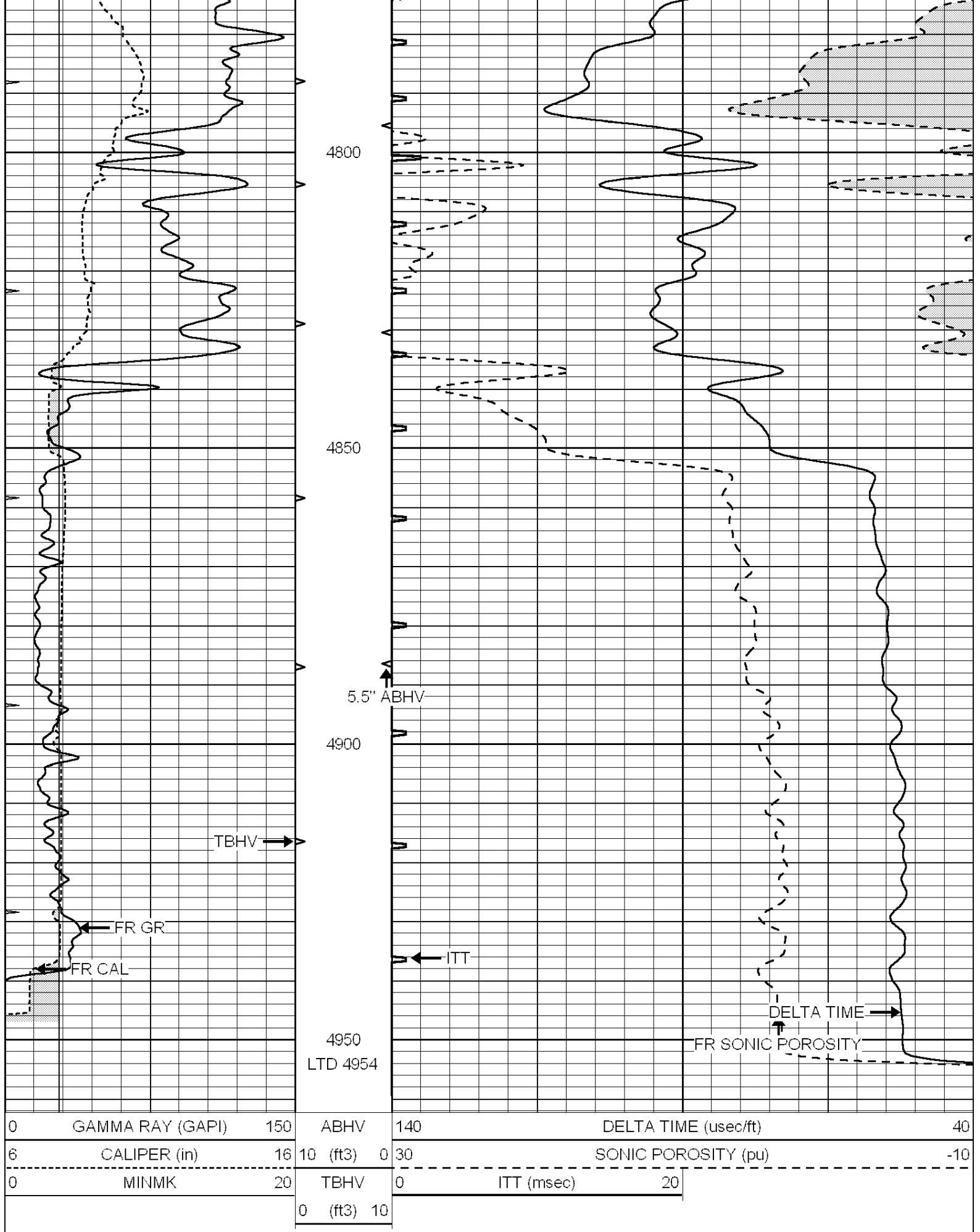
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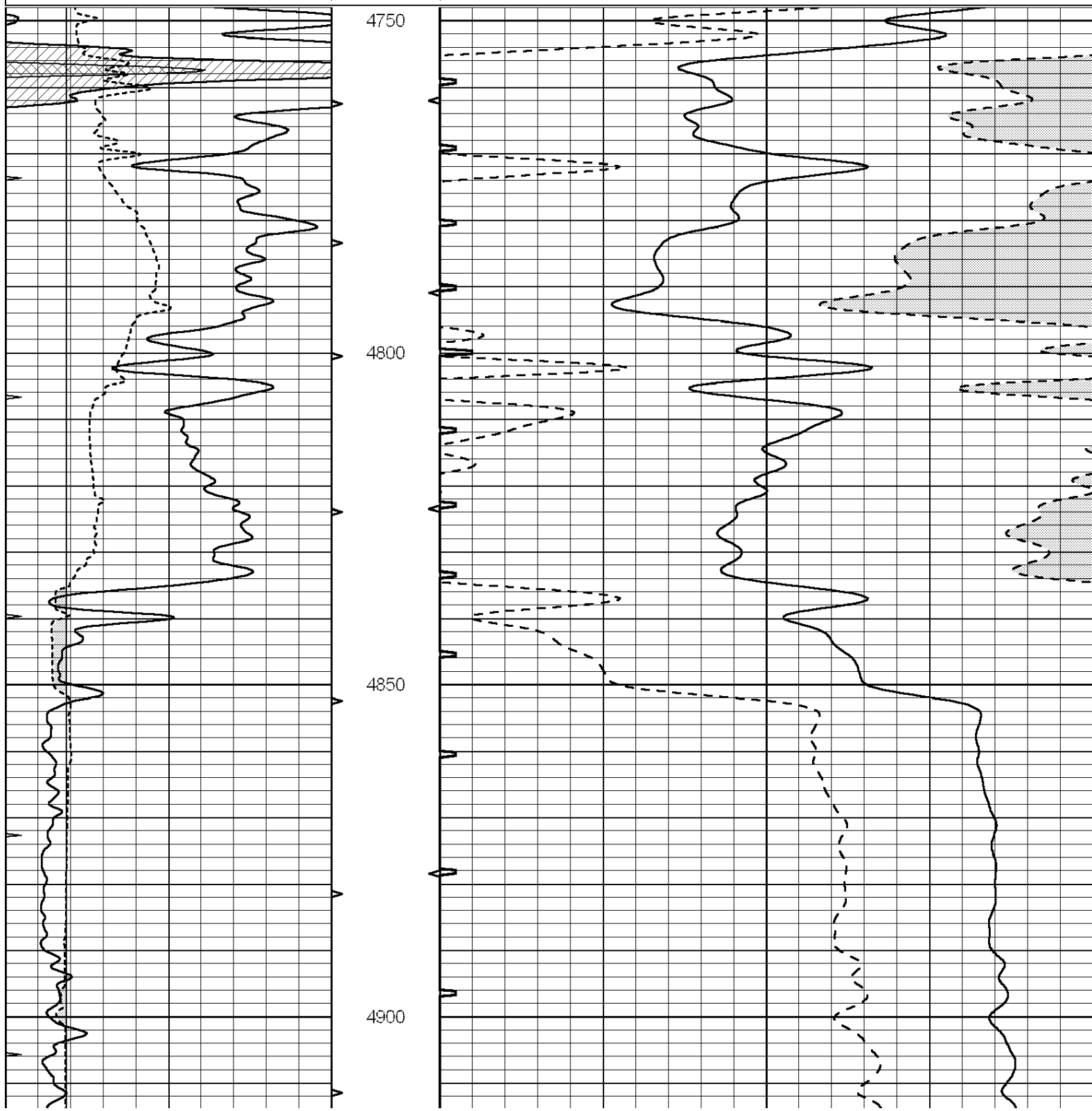


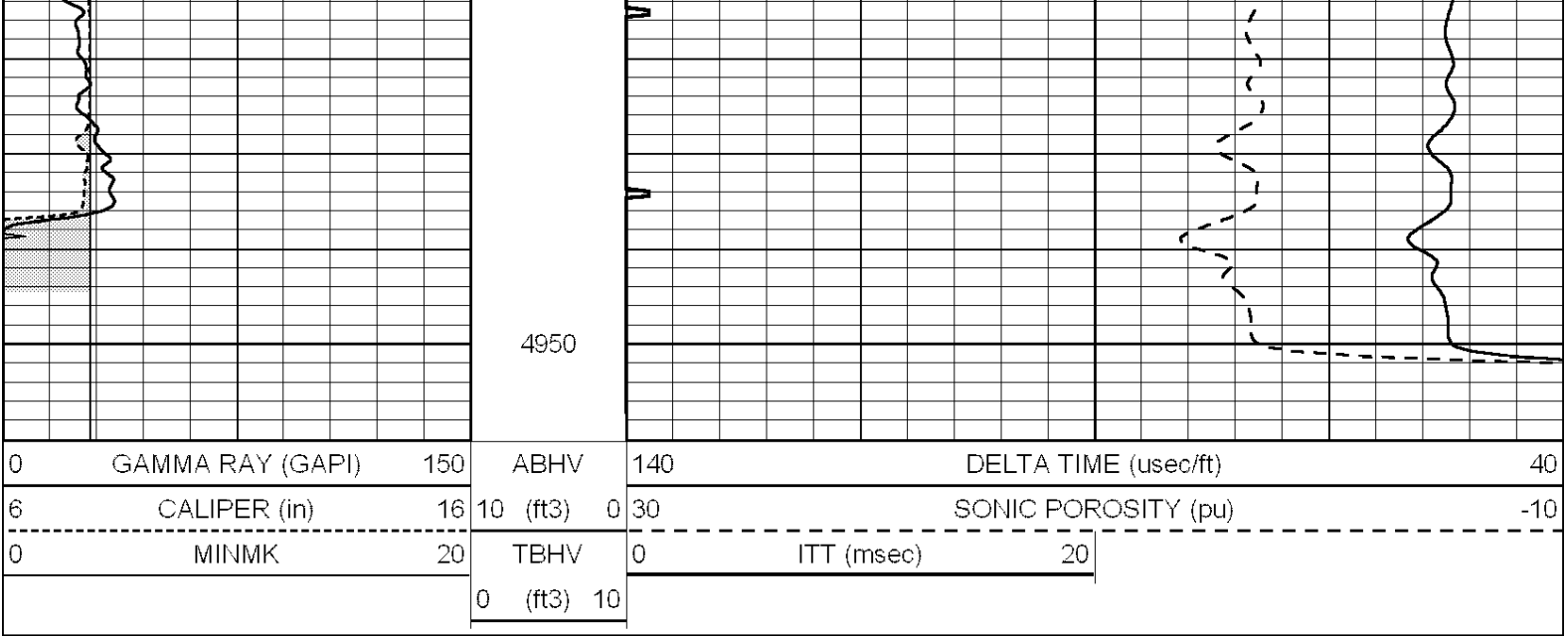


Database File: 22242pe.db
Dataset Pathname: pass5.3
Presentation Format: slt
Dataset Creation: Sun Jan 26 21:25:55 2014 by Calc SOC 120430
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)		40	
6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)		-10

0	MINMK	20	TBHV	0	ITT (msec)		20	
			0 (ft3)	10				





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