



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company		SHELBY RESOURCES, LLC	
Well		HICKEY #1-2	
Field		BOYD	
County		BARTON	
State		KANSAS	
Location:		API # : 15-009-25995-00-00	
Permanent Datum		436' FSL & 1765' FEL	
Log Measured From		NW - SE - SW - SE	
Drilling Measured From		SEC 2 TWP 18S RGE 14W	
Ground Level Elevation		1877	
Other Services		CNL/CDL DIL/MEL	
Elevation		K.B. 1886 D.F. 1884 G.L. 1877	
Date	7/4/14		
Run Number	TWO		
Depth Driller	3450		
Depth Logger	3453		
Bottom Logged Interval	3443		
Top Log Interval	00		
Casing Driller	8 5/8" @ 838		
Casing Logger	836		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4,800 PPM	
Density / Viscosity	9.1/44		
pH / Fluid Loss	10.0/8.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.40 @ 83F		
Rmt @ Meas. Temp	0.30 @ 83F		
Rmc @ Meas. Temp	0.48 @ 83F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	0.30 @ 111F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	111F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	IAN MABB		
Witnessed By	JEREMY SCHWARTZ		

<<< Fold Here >>>

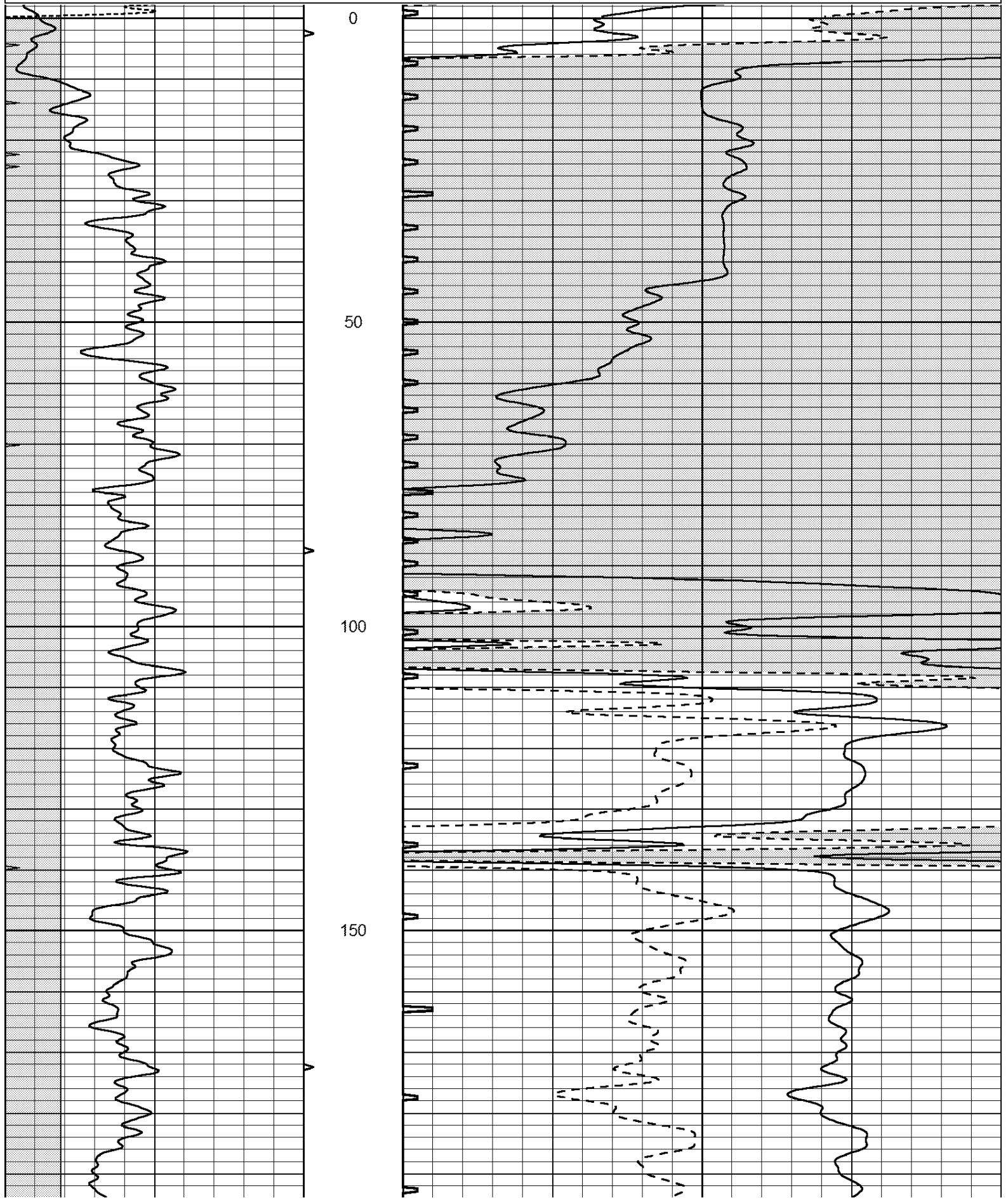
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

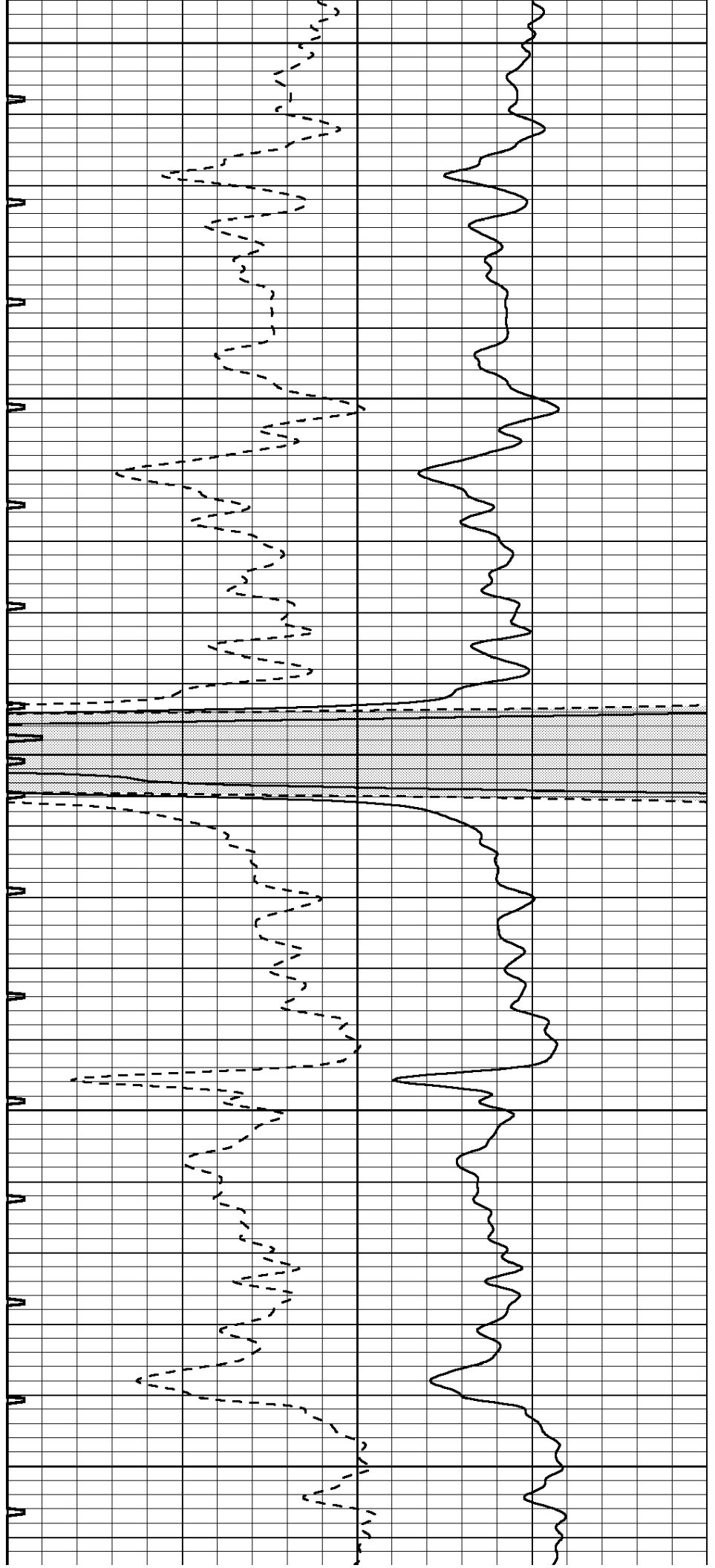
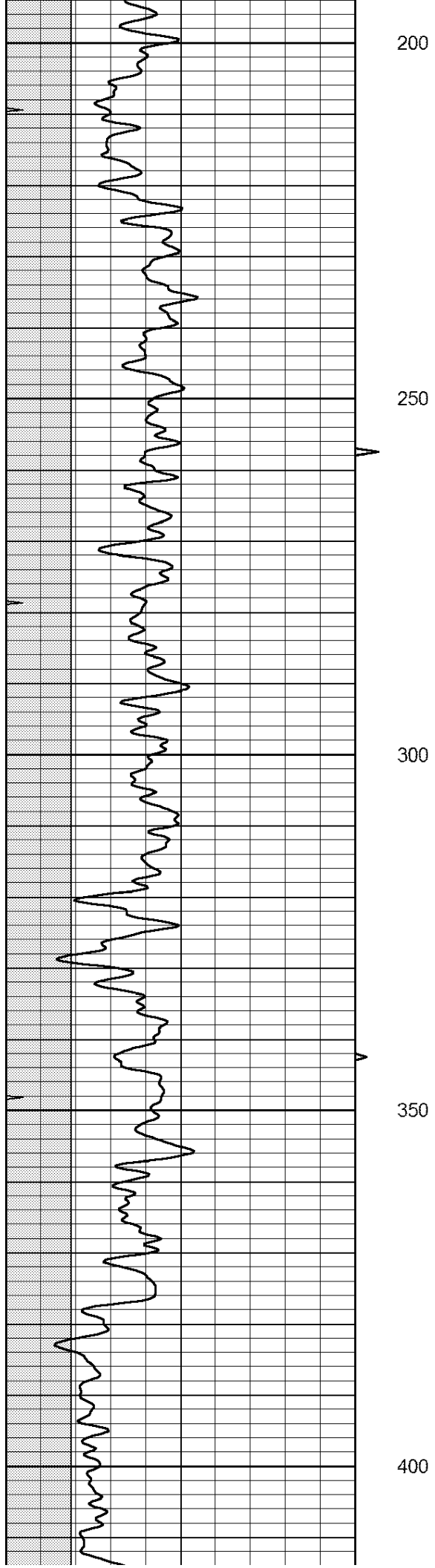
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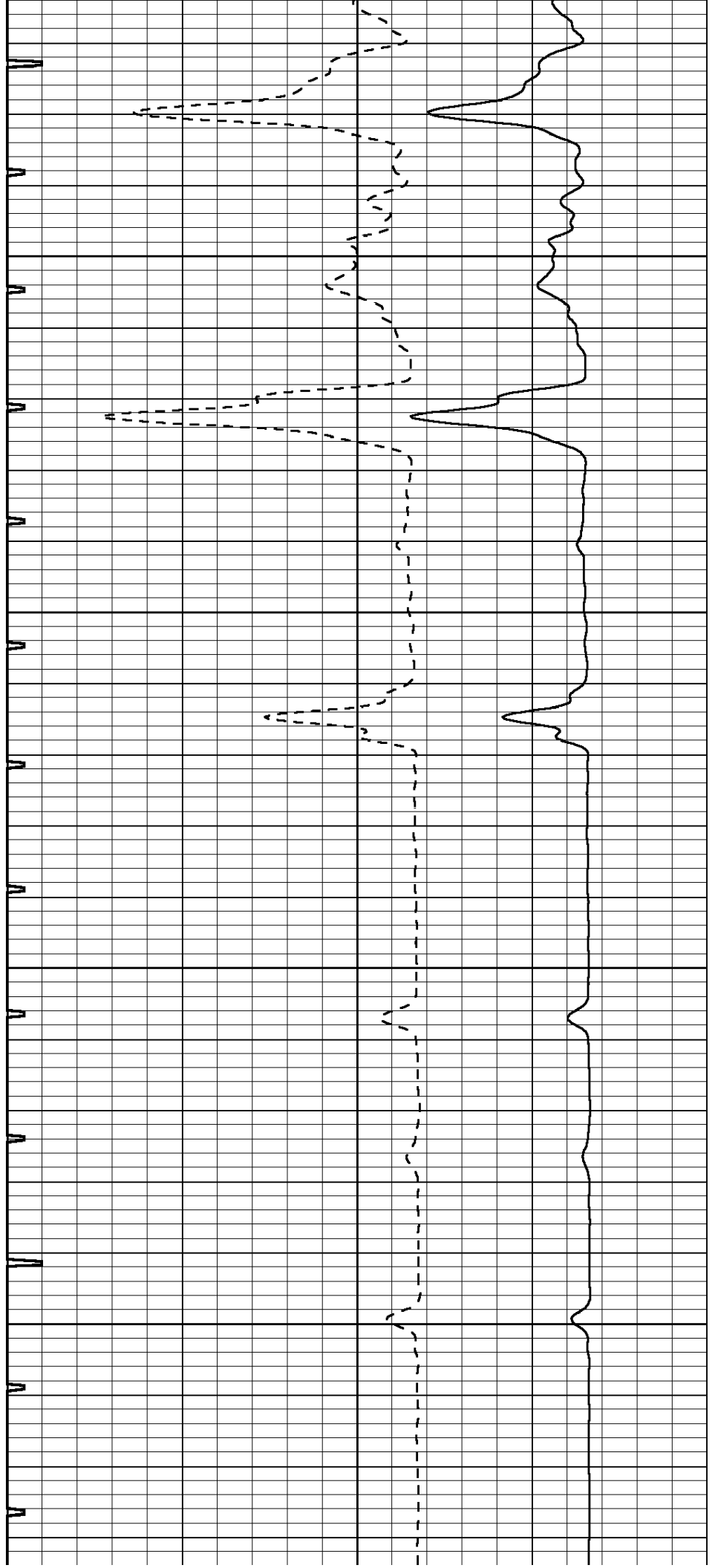
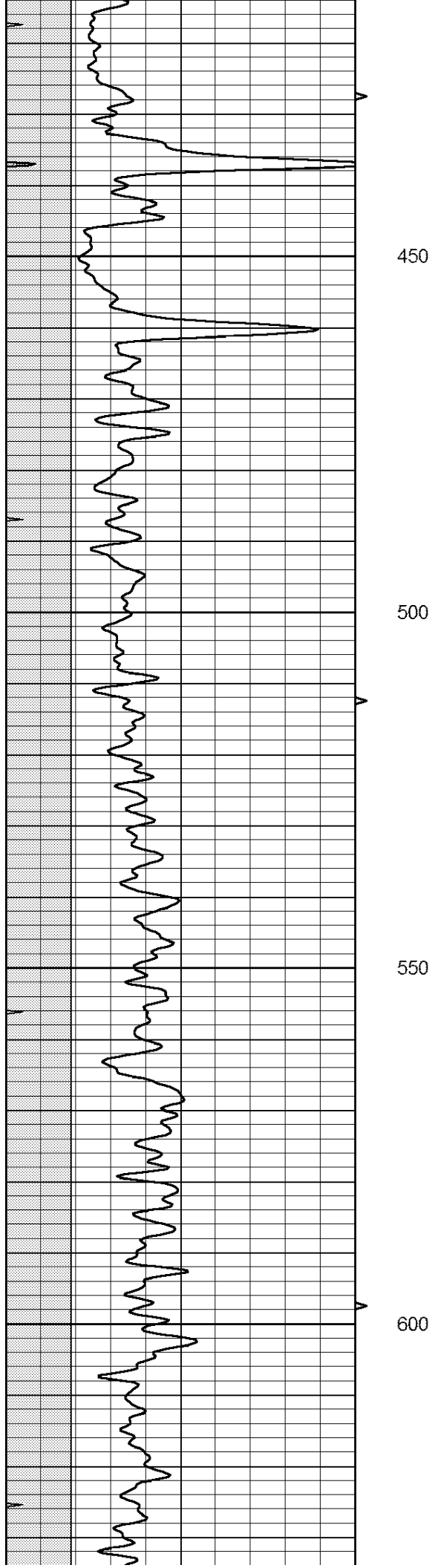
THANK YOU FOR USING NABORS, HAYS, KS. (785) 628-6395
DIRECTIONS:
HWY 4 & 281 - SOUTH 2 MILES - EAST 1/2 MILE - NORTH INTO

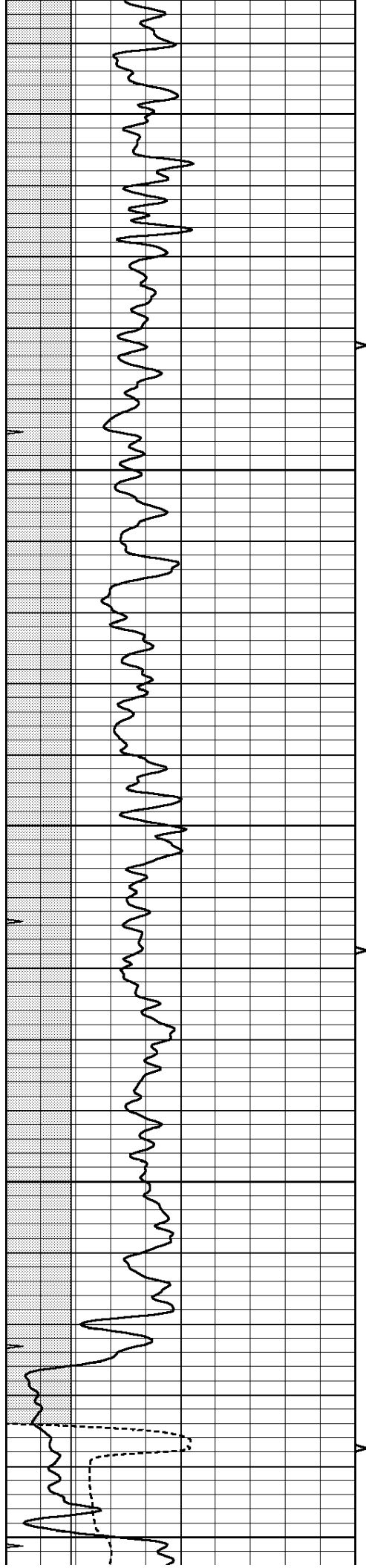
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Charted by: Depth in Feet scaled 1:240

Charted by:		Depth in Feet scaled 1:2.10				
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			









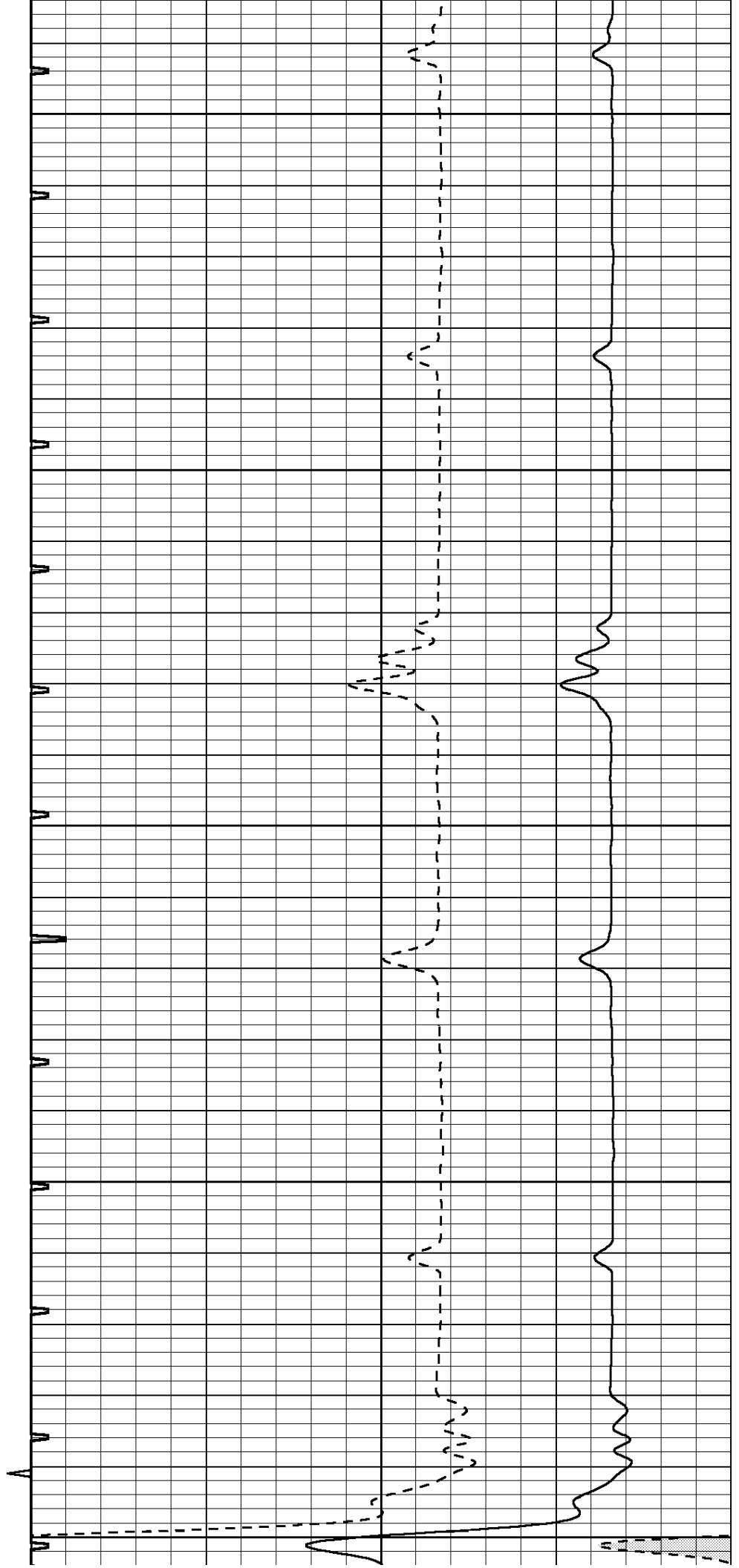
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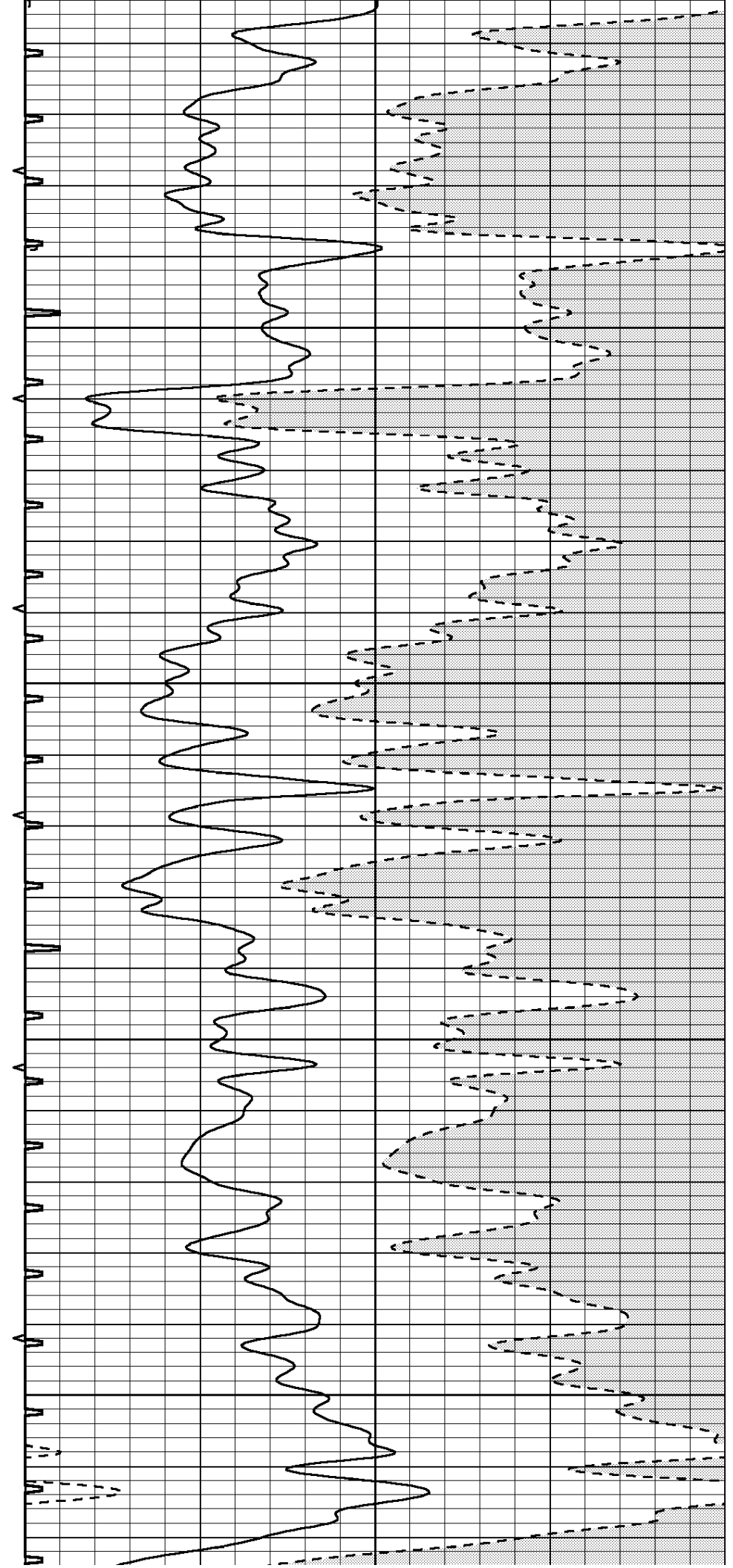
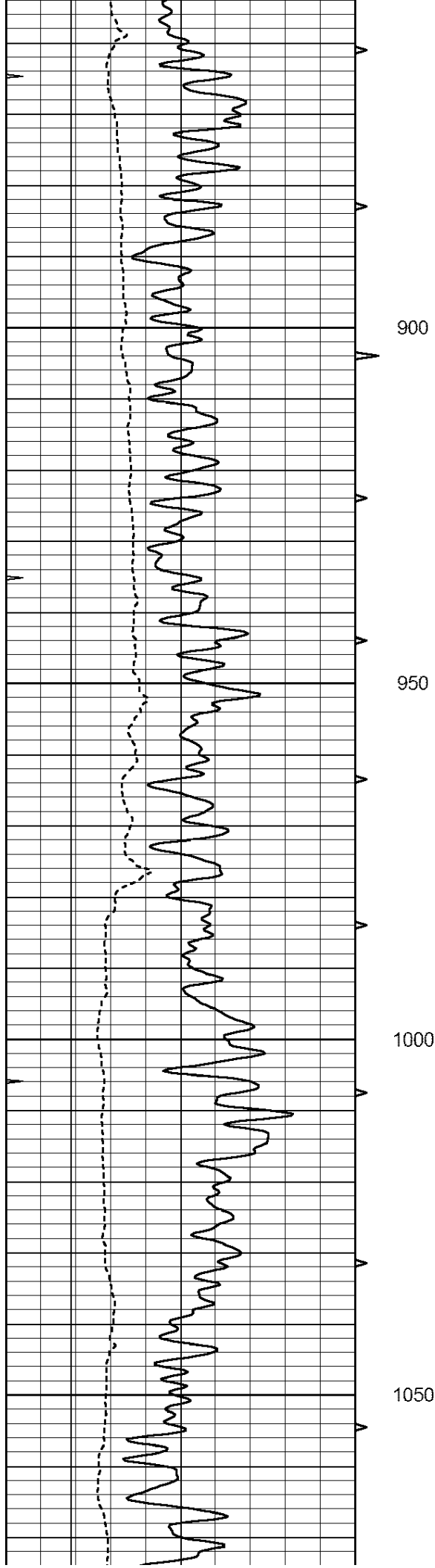
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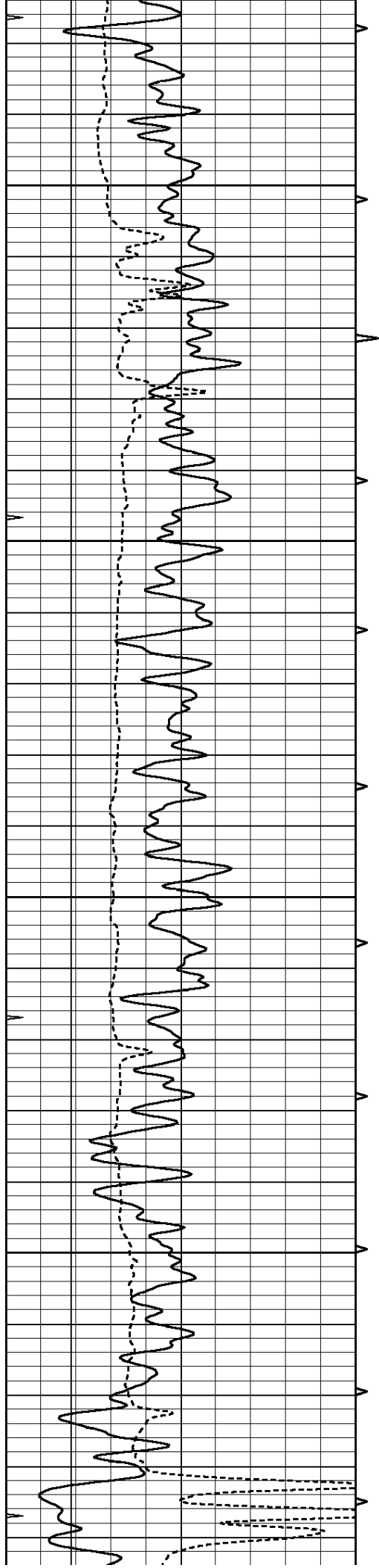
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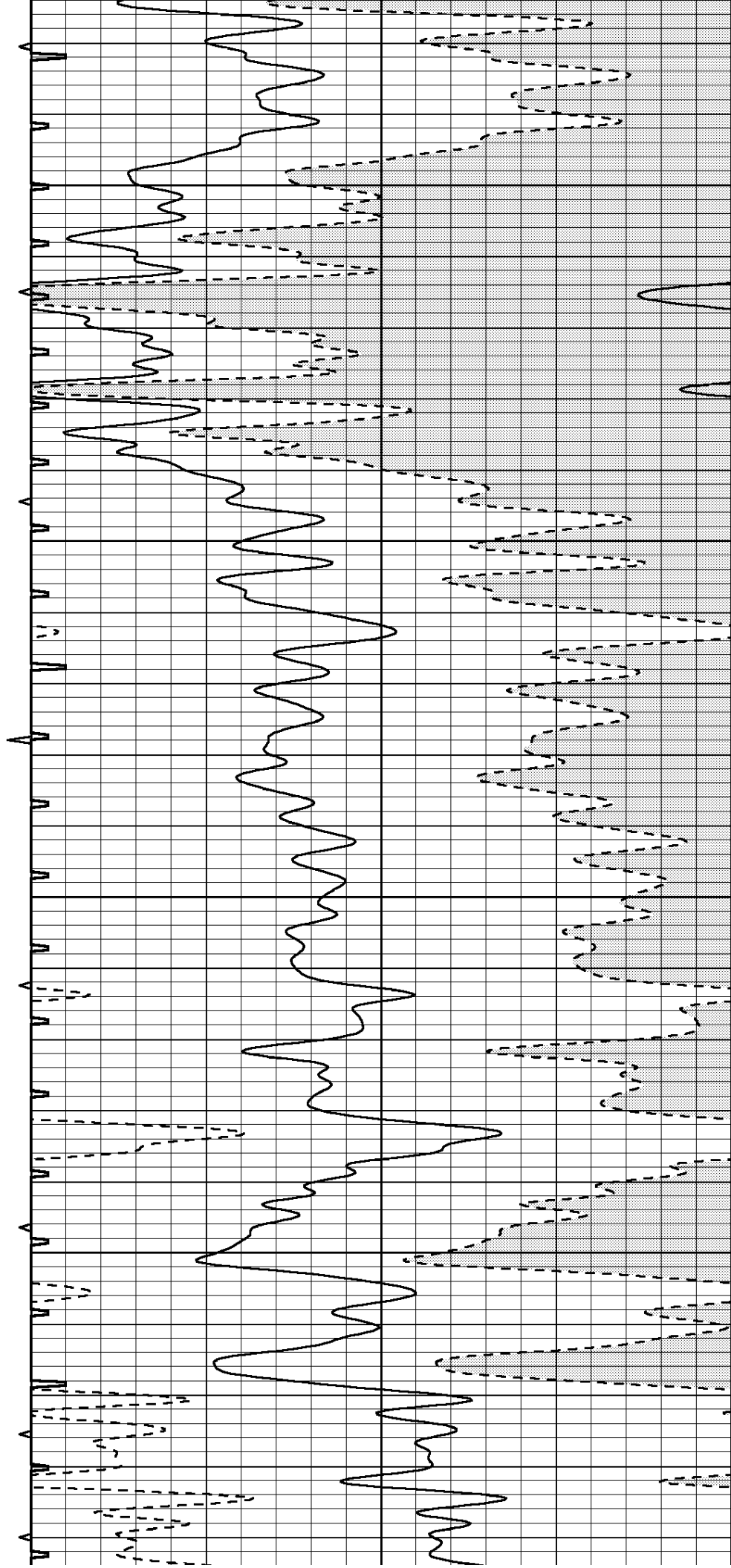


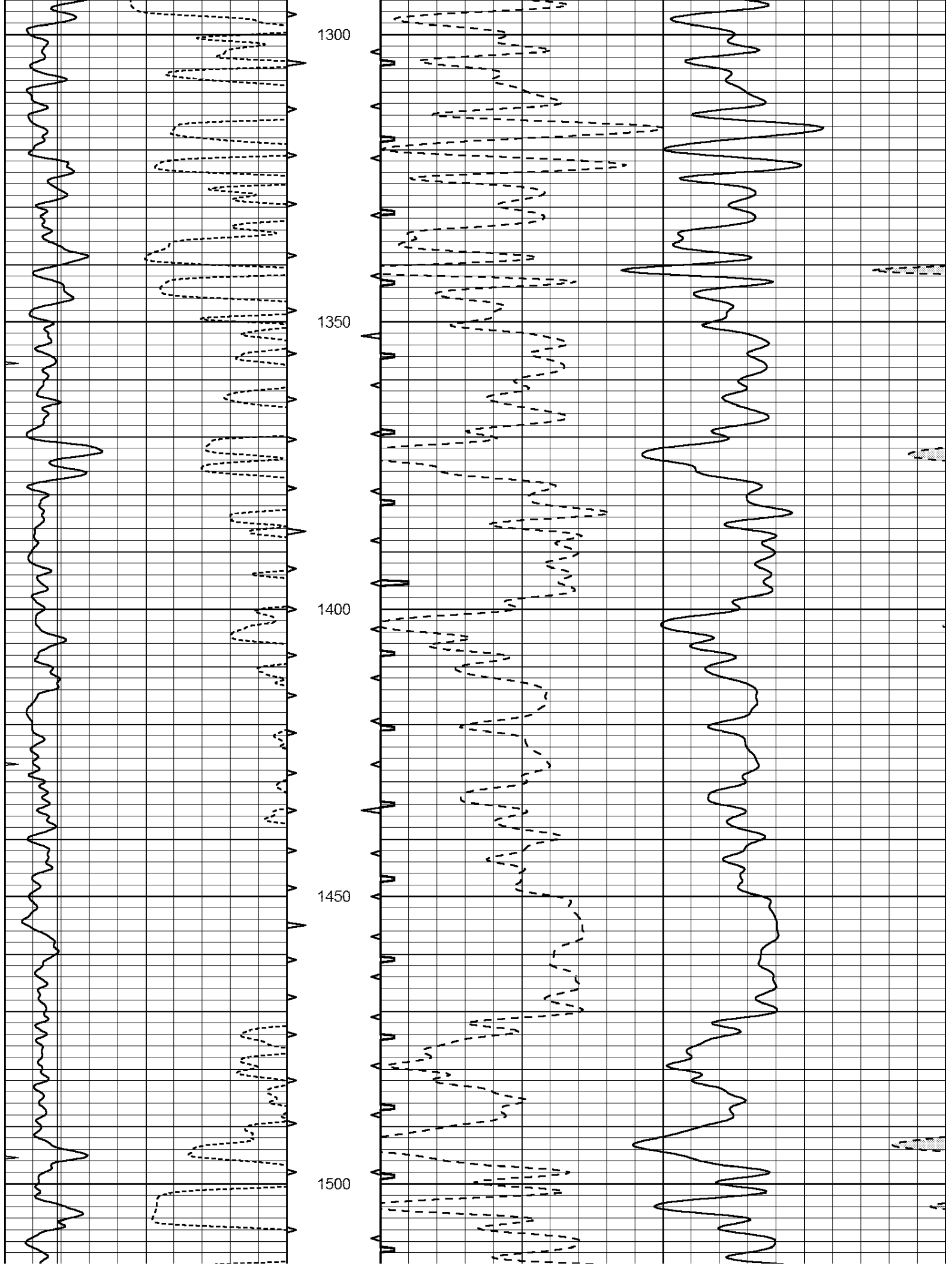
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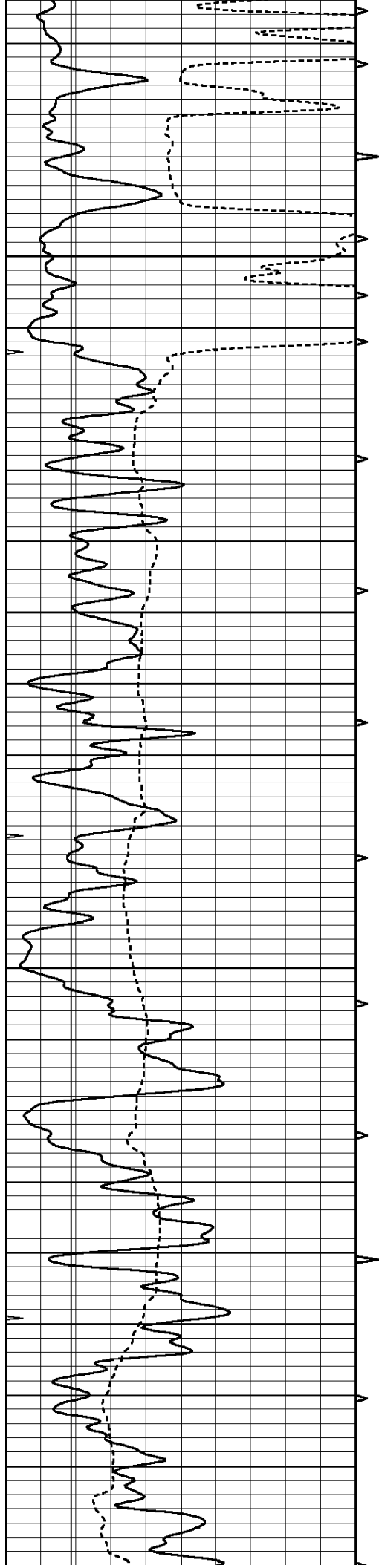
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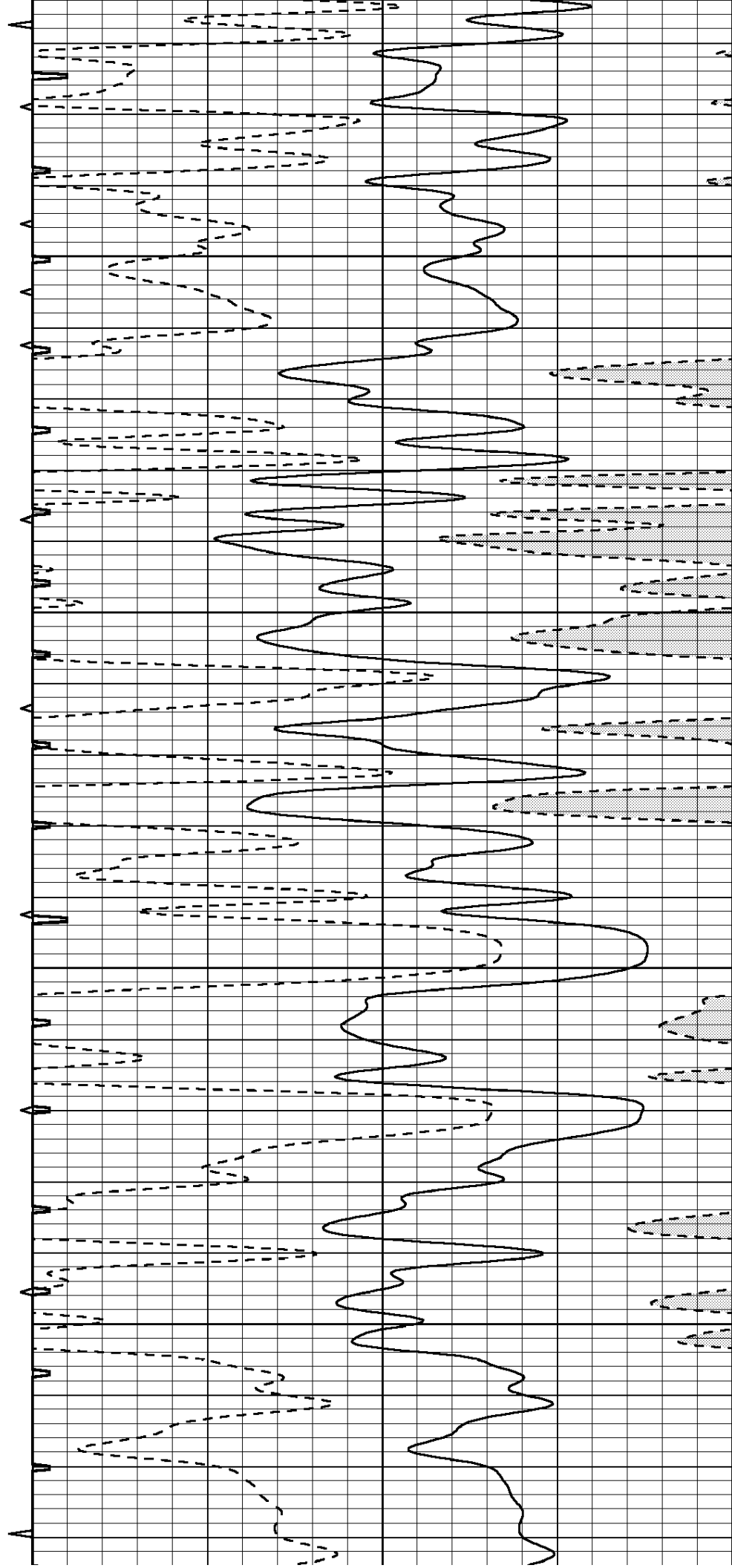


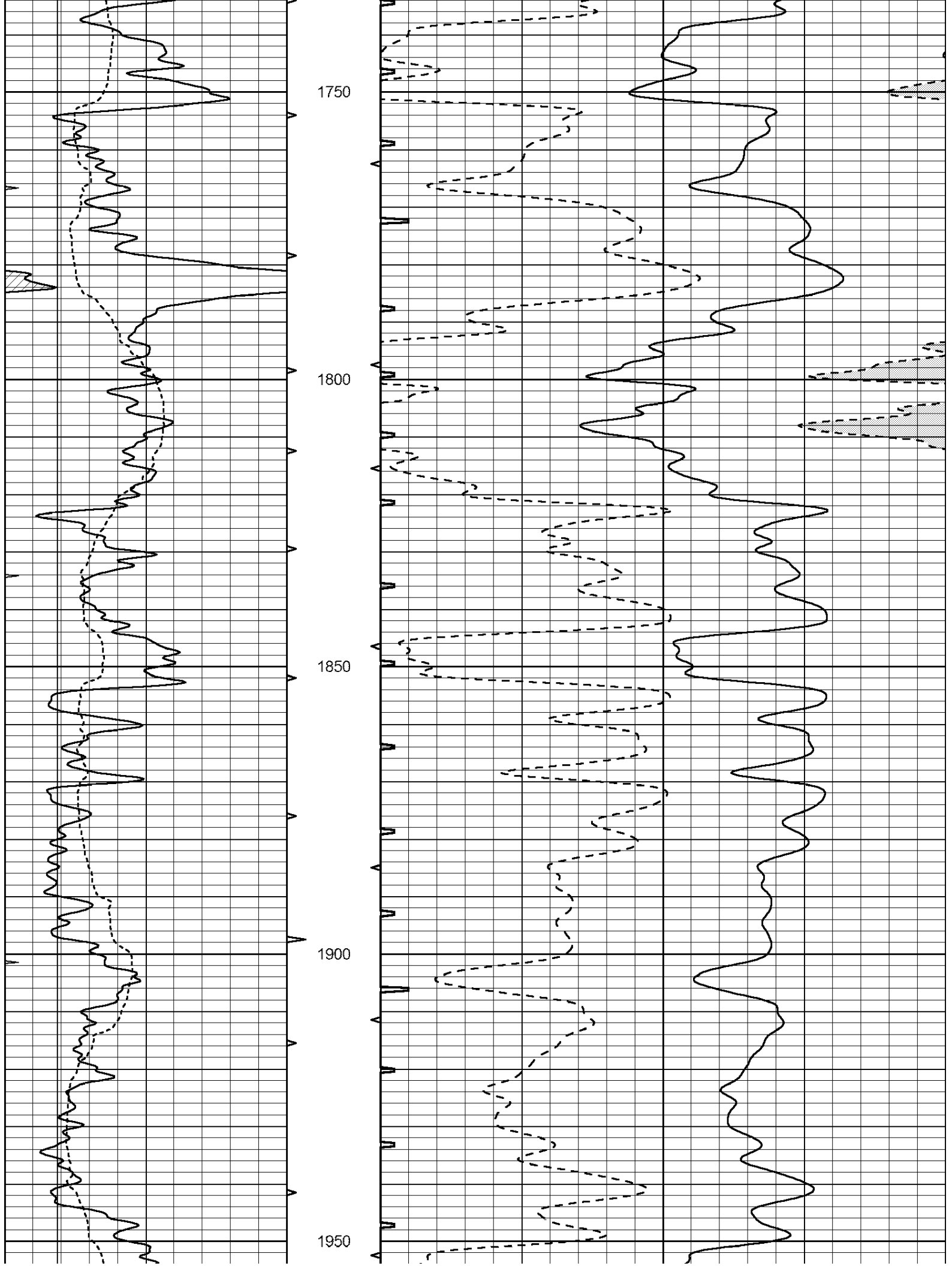
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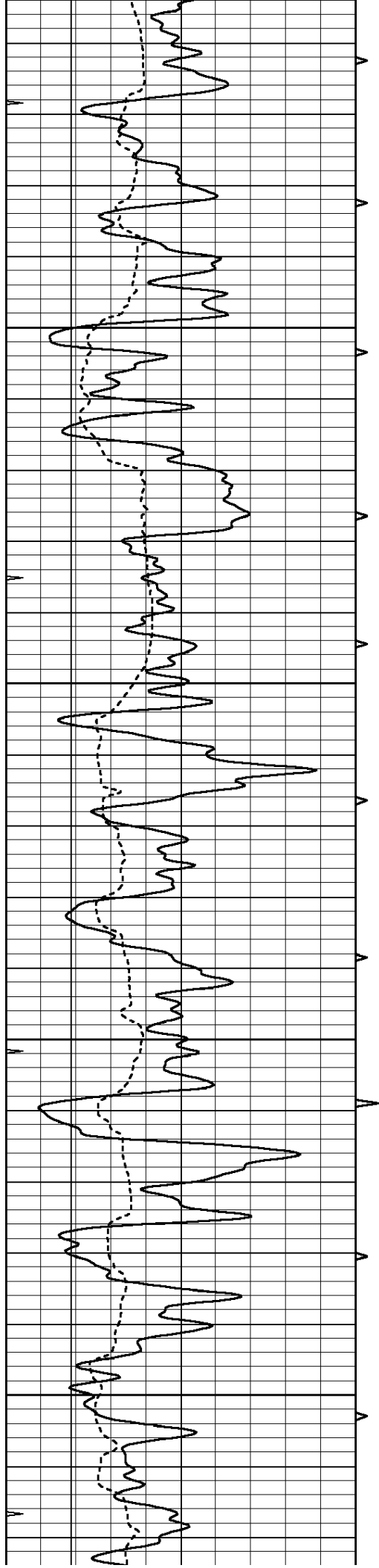
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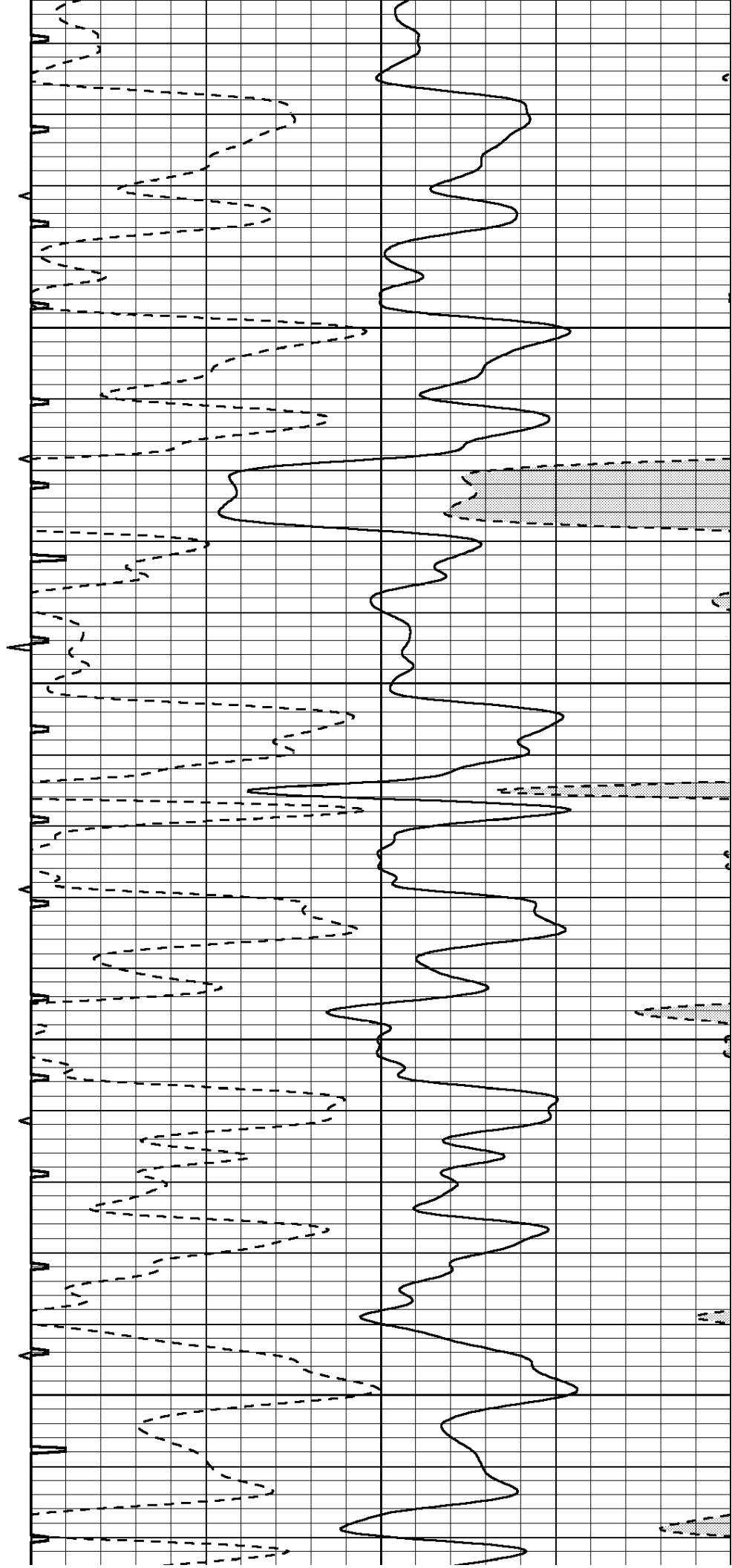


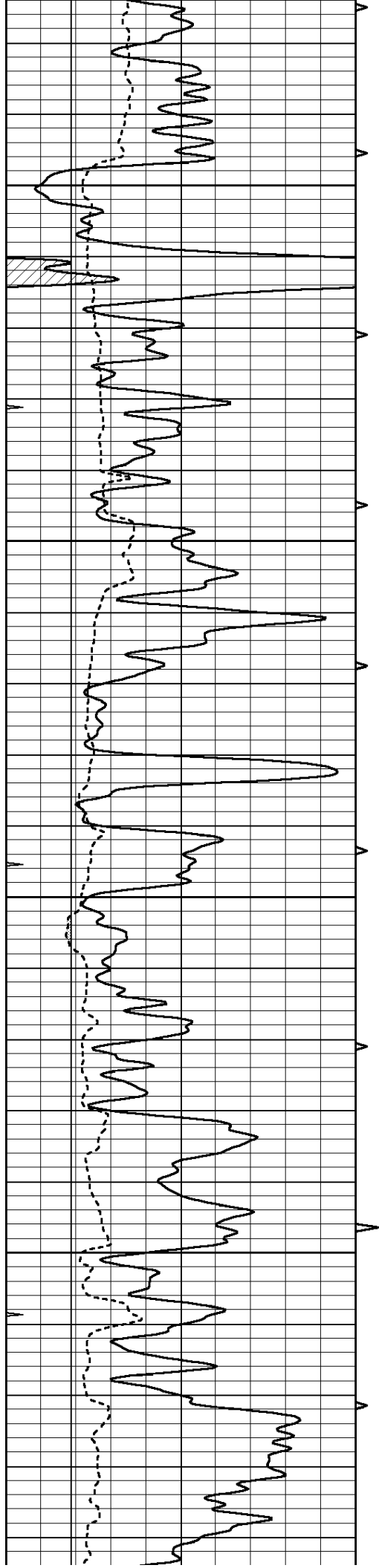
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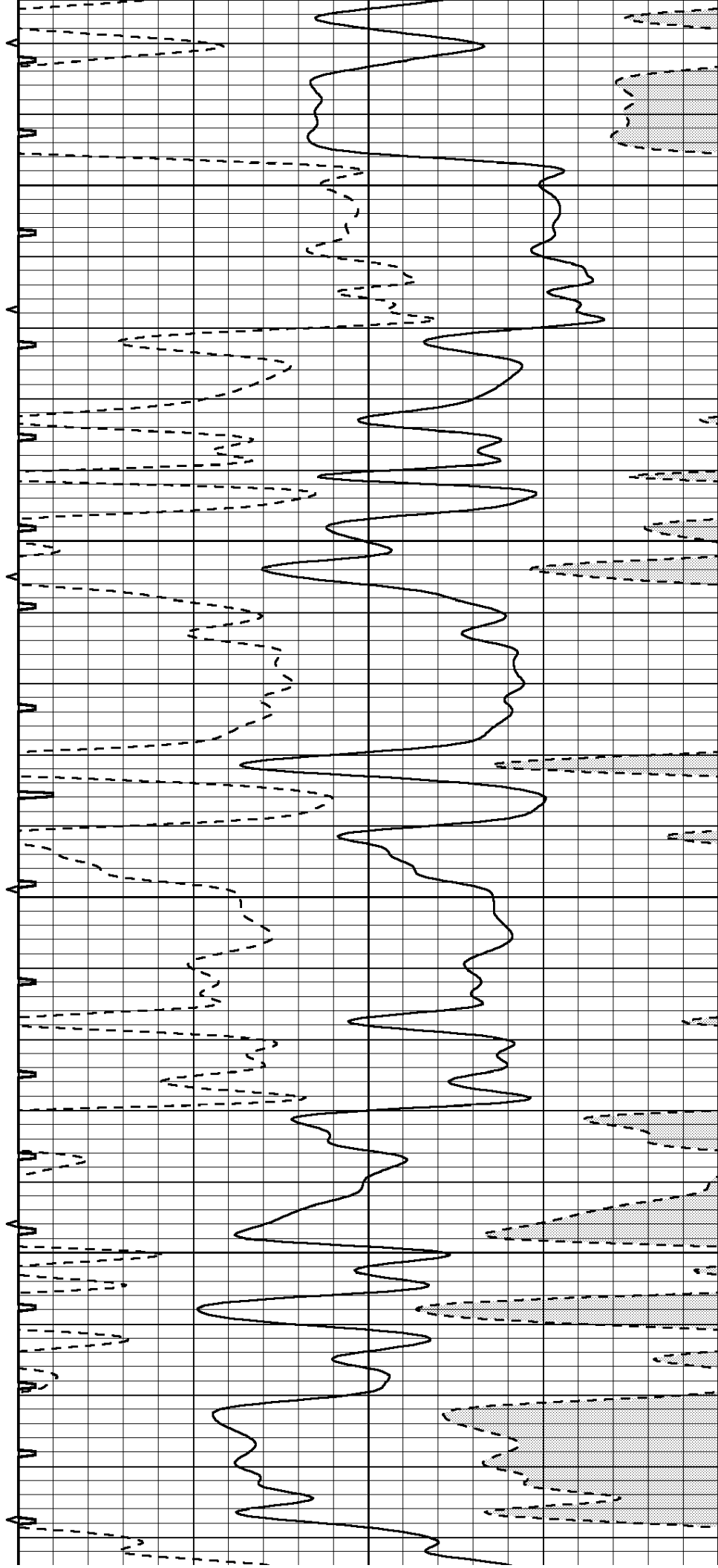


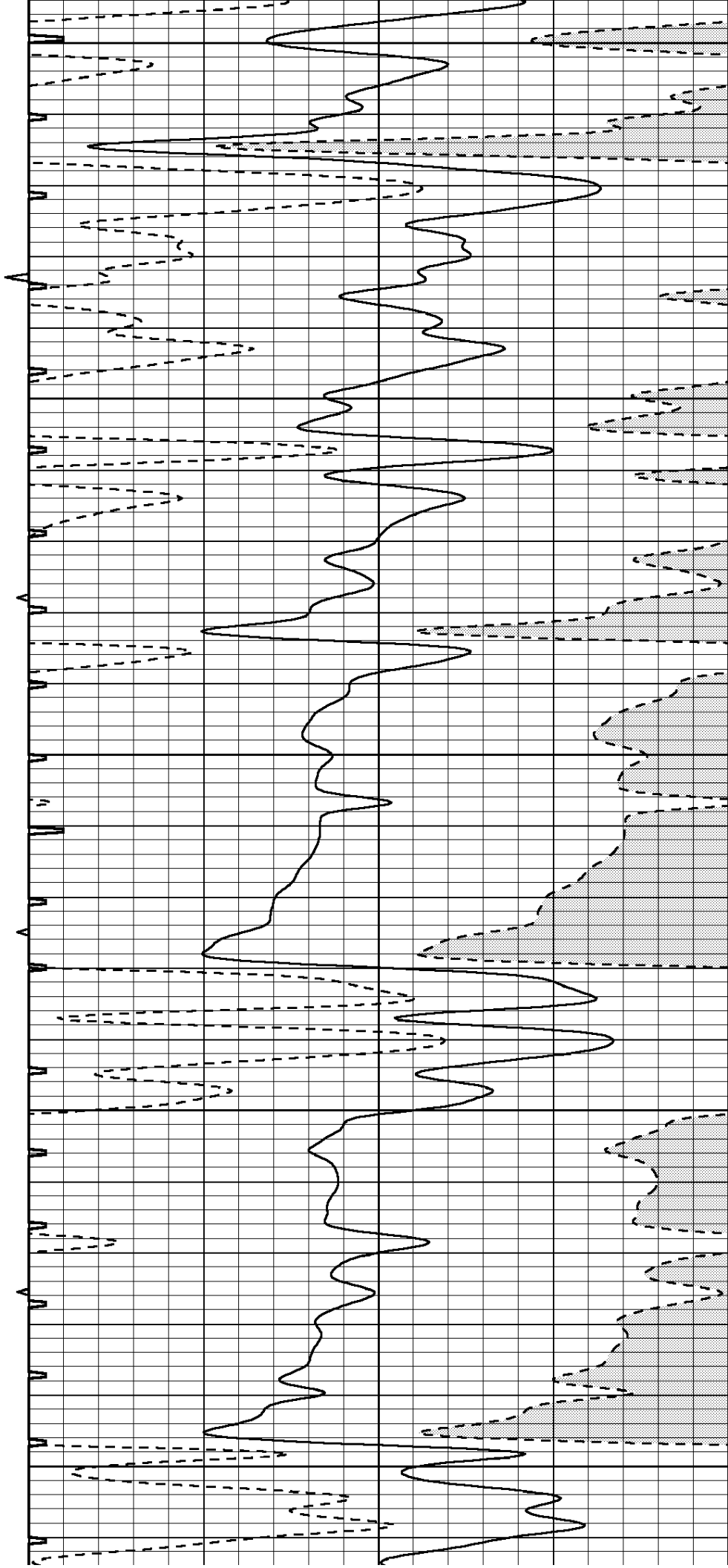
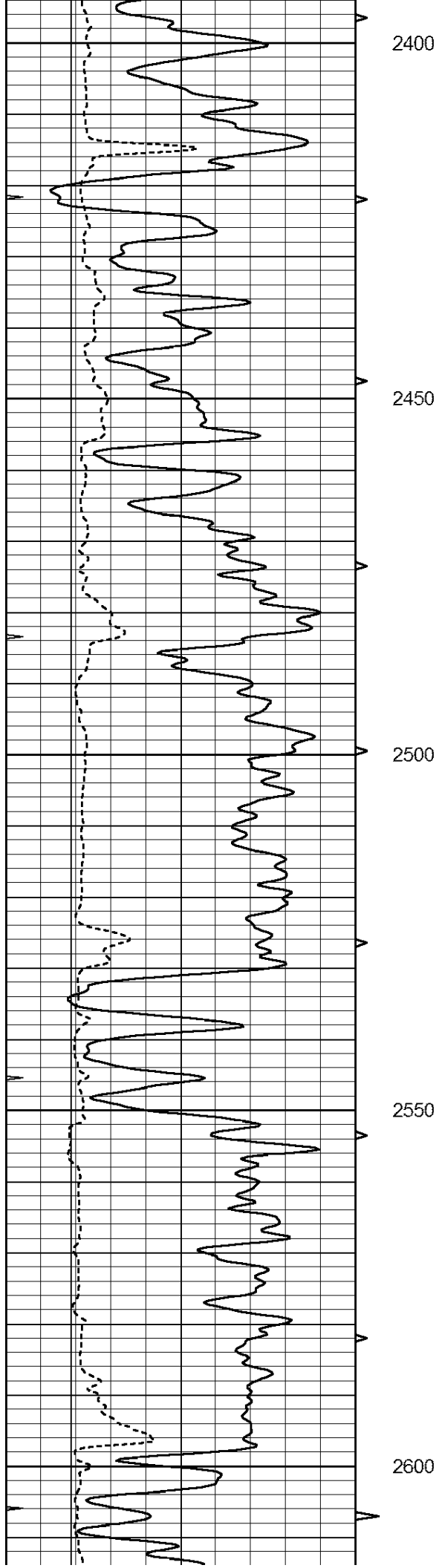
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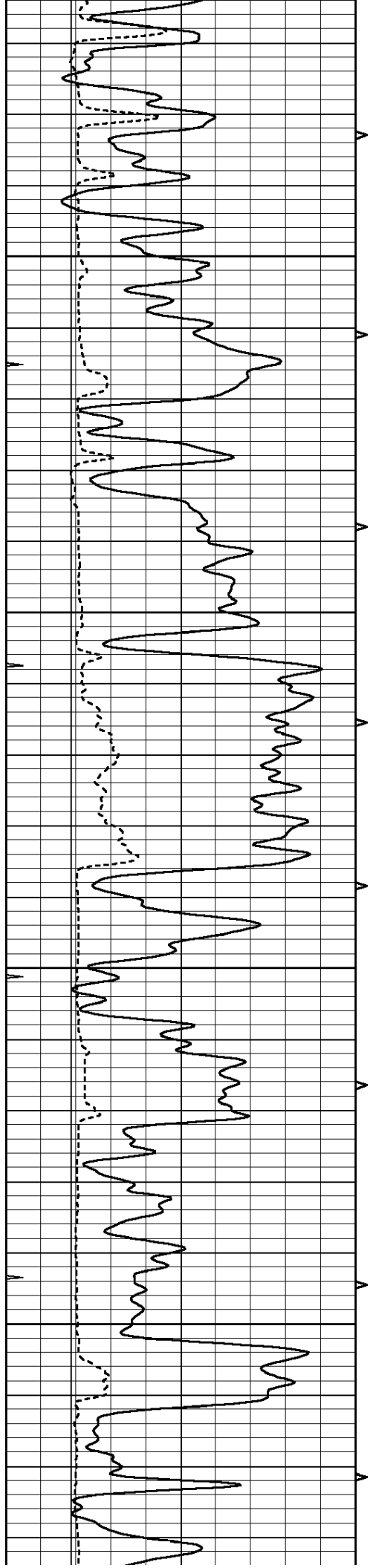
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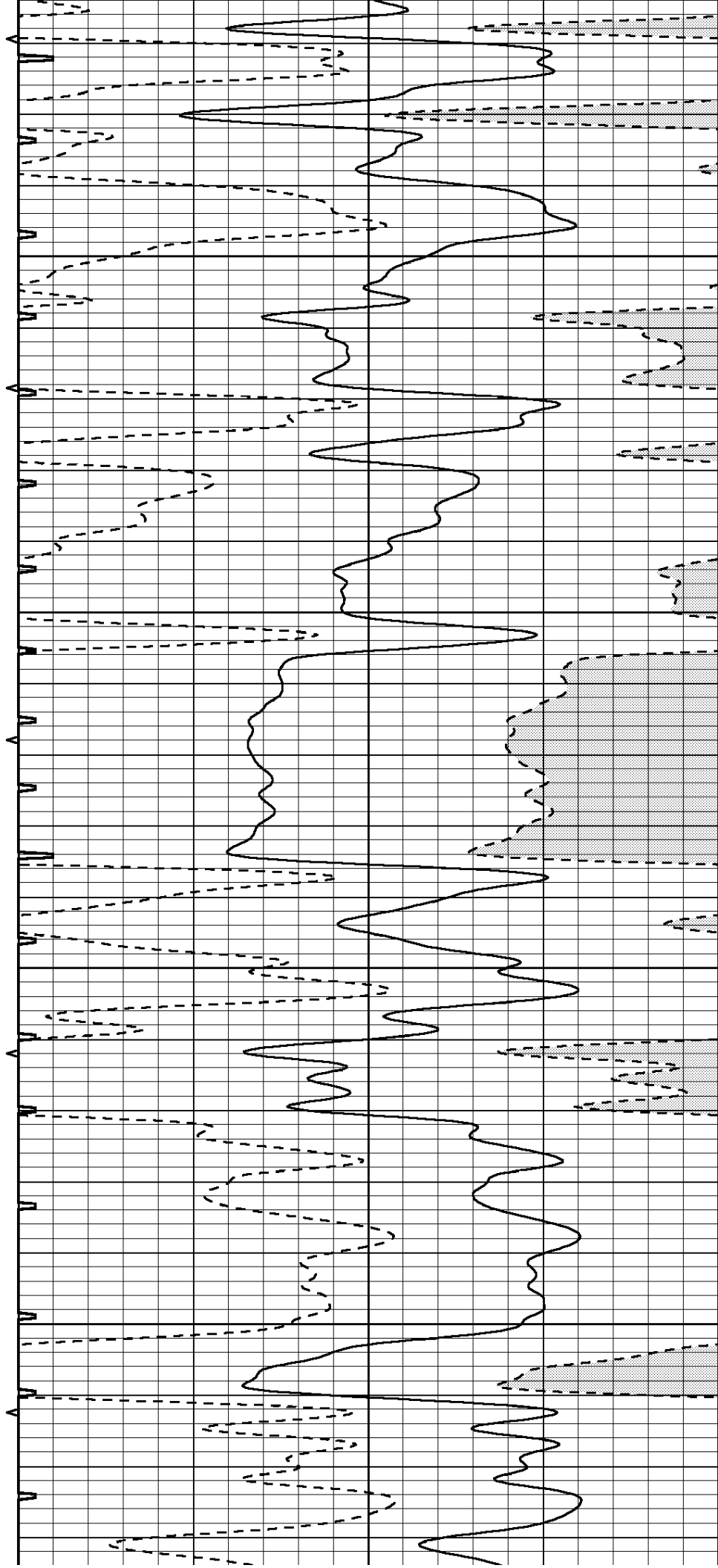


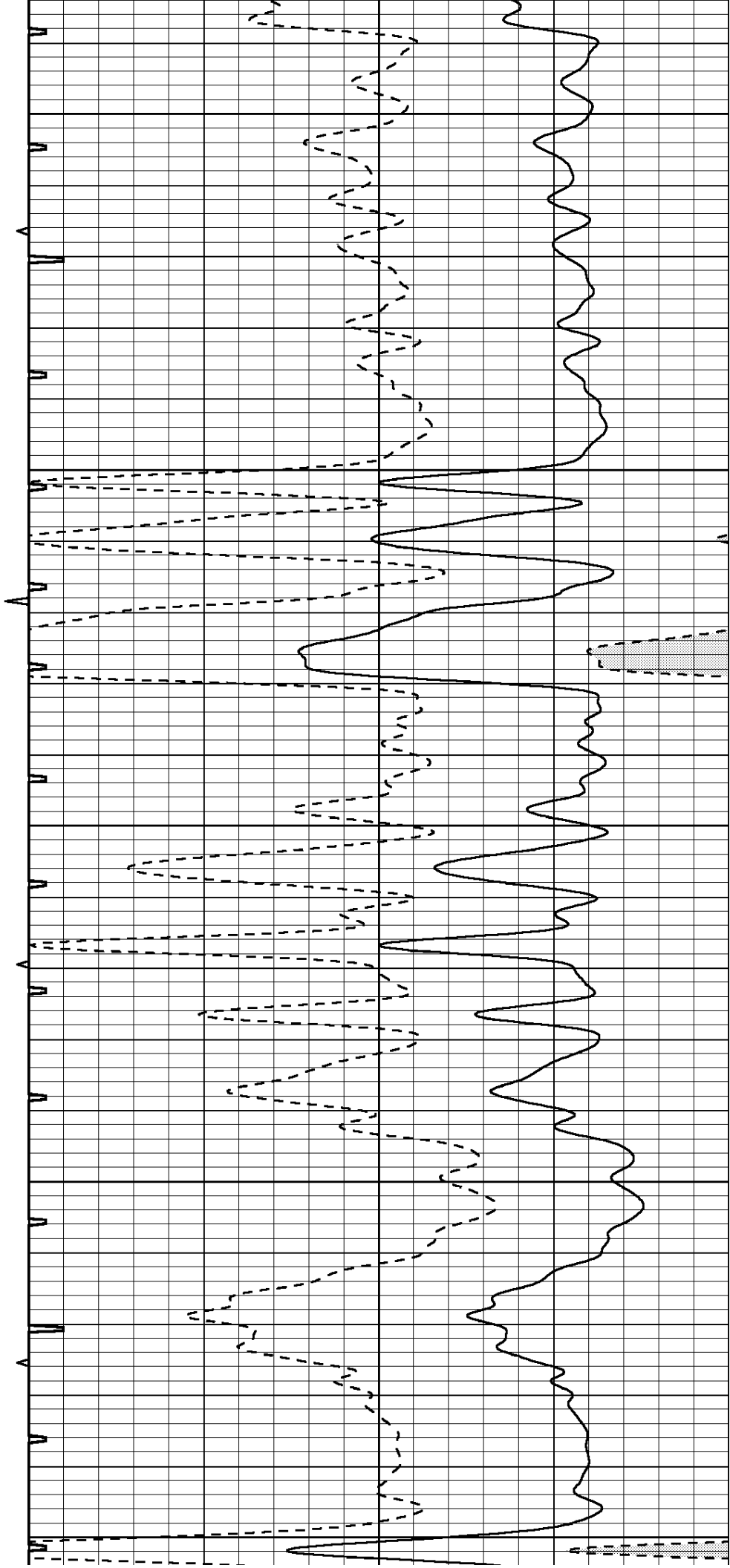
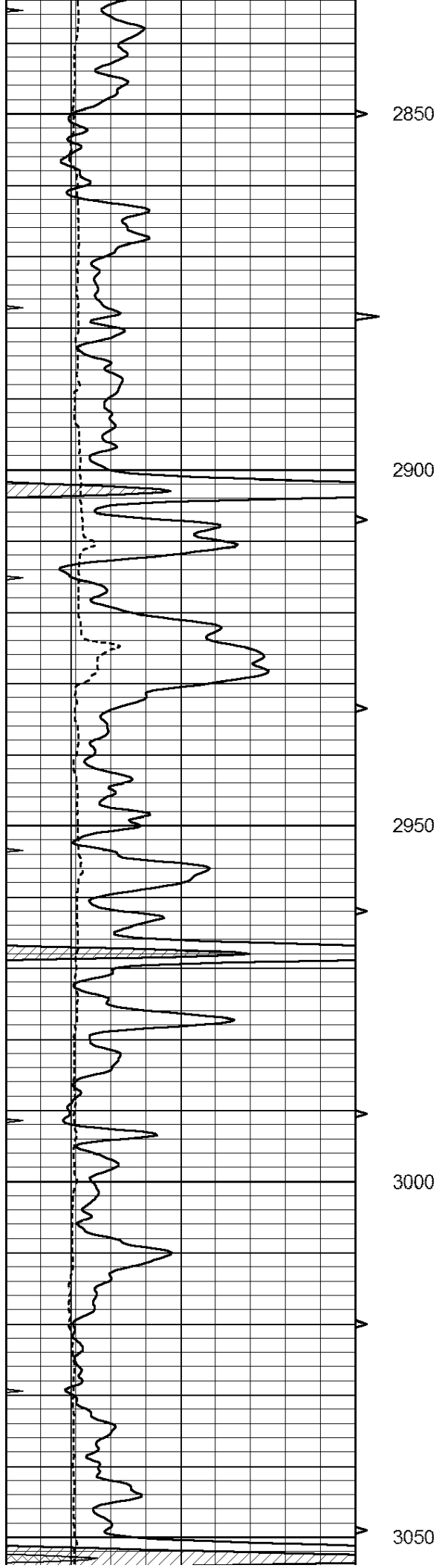
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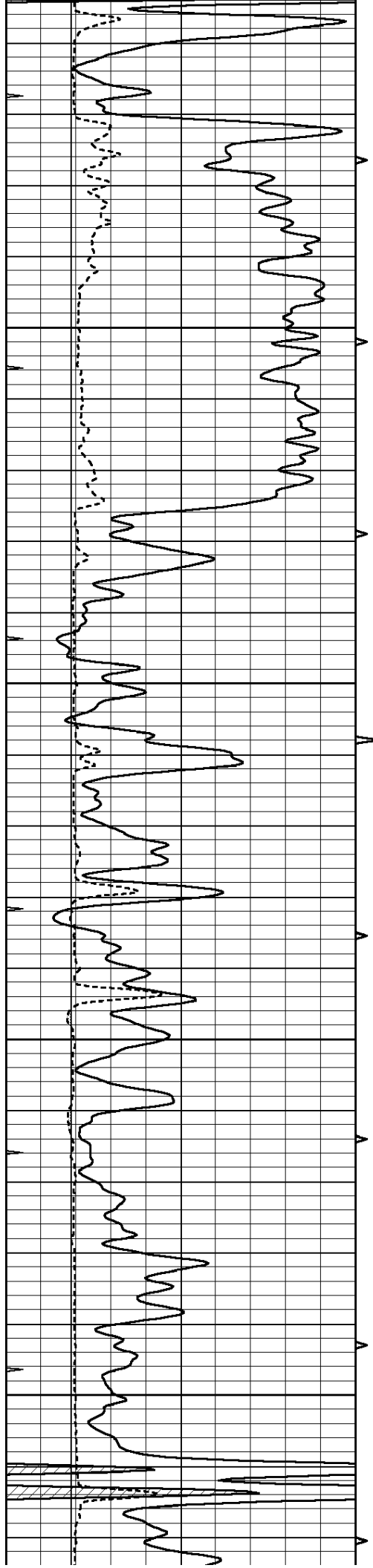
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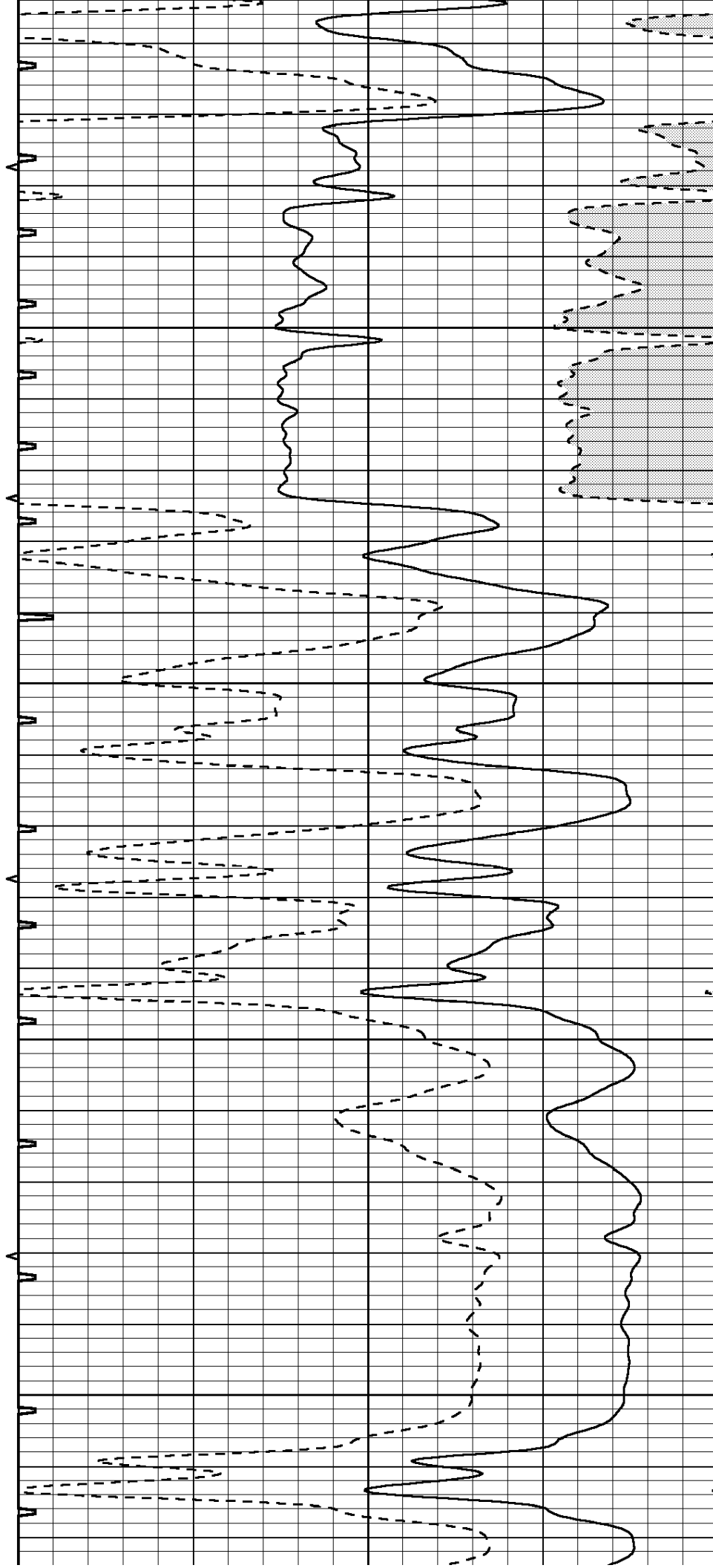


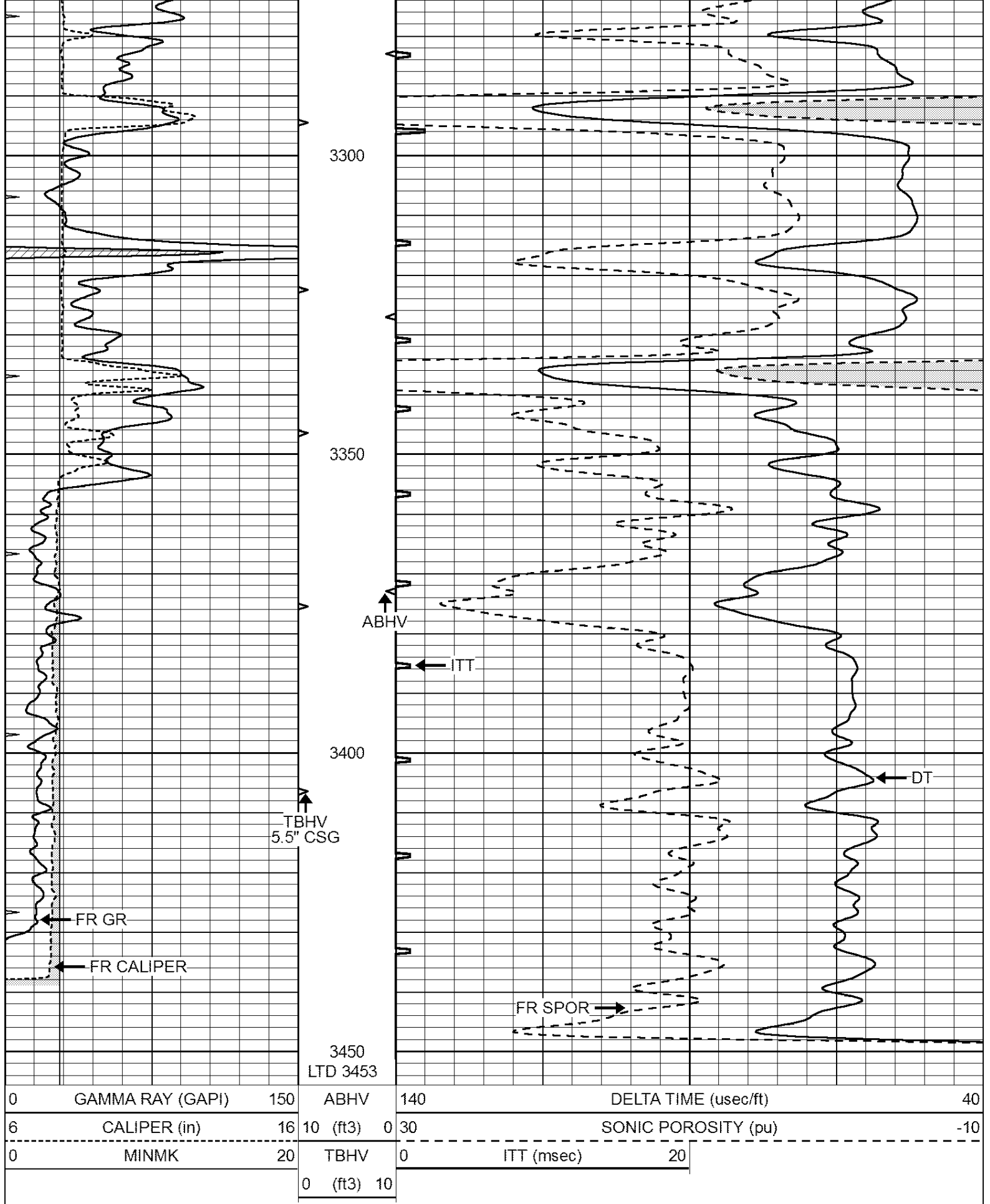
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Database File: 24645ddn.db
 Dataset Pathname: pass5.1
 Presentation Format: _slt
 Dataset Creation: Fri Jul 04 08:16:38 2014 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
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