



**NABORS**

**COMPLETION  
& PRODUCTION  
SERVICES CO.**

**SONIC  
LOG**

Company	MULL DRILLING COMPANY, INC.	Company	MULL DRILLING COMPANY, INC.
Well	LARSEN UNIT #1-24	Well	LARSEN UNIT #1-24
Field	WILDCAT	Field	WILDCAT
County	KIOWA	County	KIOWA
State	COLORADO	State	COLORADO
Location:	AP1 # : 05-061-06871	Other Services	CDL/CNL DIL/MEL
Permanent Datum	GROUND LEVEL	Elevation	4109
Log Measured From	2537' FSL & 923' FWL KELLY BUSHING 11' A.G.L.		
Drilling Measured From	KELLY BUSHING		
Date	1/8/12		
Run Number	TWO		
Depth Driller	5430		
Depth Logger	5432		
Bottom Logged Interval	5422		
Top Log Interval	300		
Casing Driller	8 5/8" @ 318'		
Casing Logger	316		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES	1900 PPM
Density / Viscosity	9.2/56		
pH / Fluid Loss	10.0/8.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.95 @ 59F		
Rmt @ Meas. Temp	.71 @ 59F		
Rmc @ Meas. Temp	1.14 @ 59F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	.43 @ 129F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	129F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	PHIL ASKEY		

<<< 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.

Comments

THANK YOU FOR USING SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395  
DIRECTIONS  
CHEYENNE WELLS CO. - 16 S. ON HWY 385 TO RD. Z - 6 W. TO THE T  
2 S. - E. INTO

Database File:

009798pe.db

Dataset Pathname:

pass7.2

Presentation Format:

\_slt

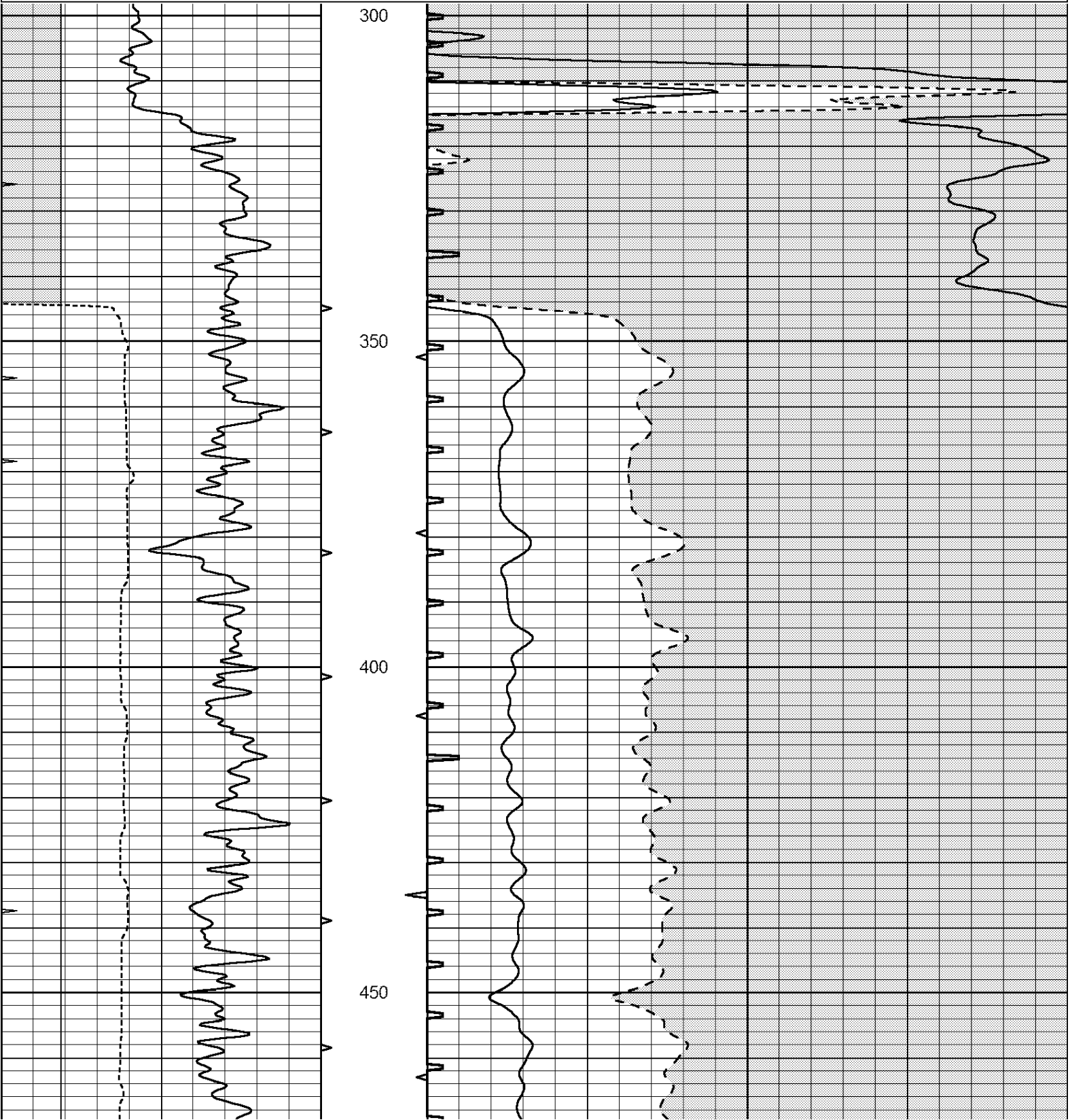
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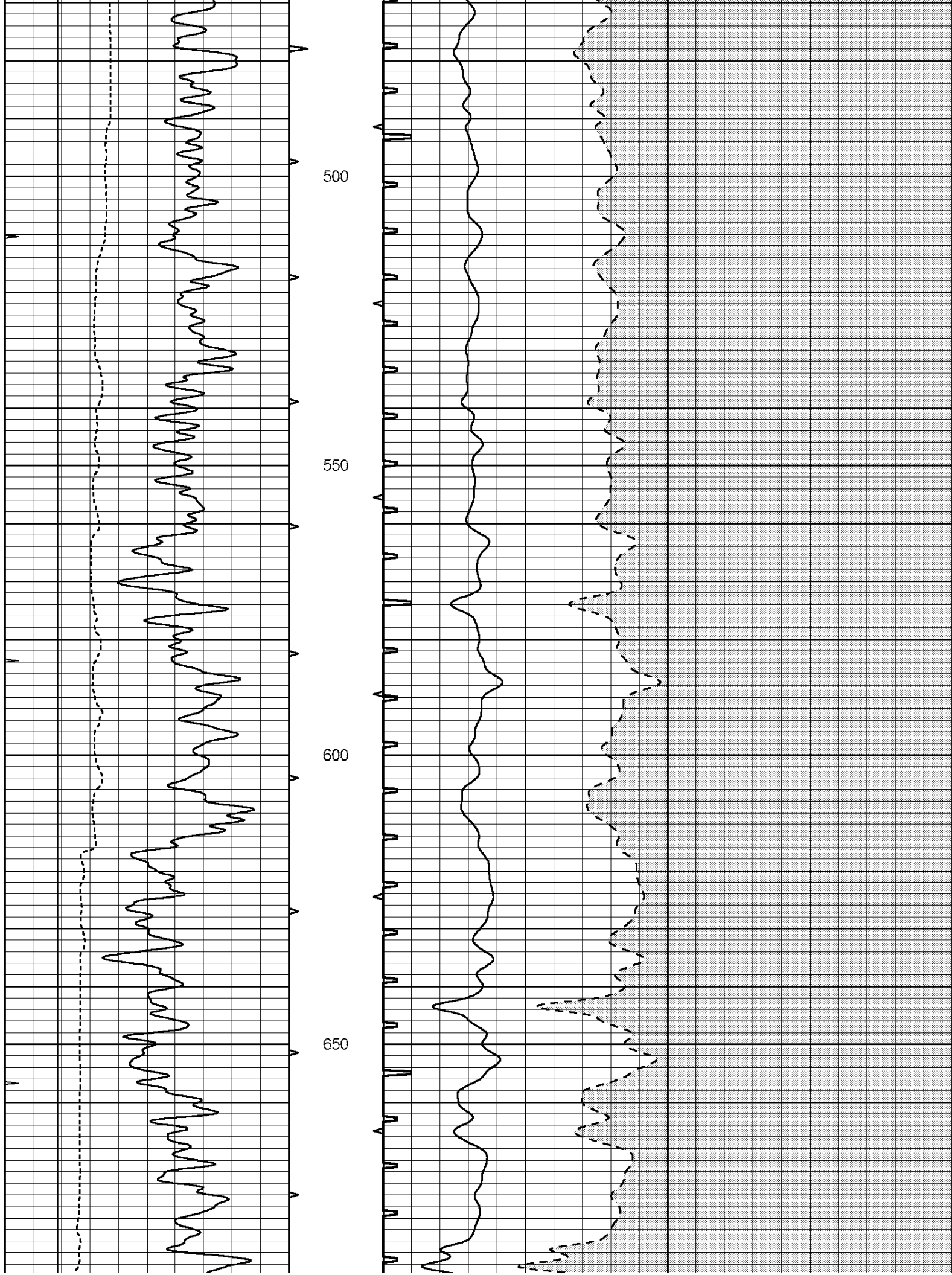
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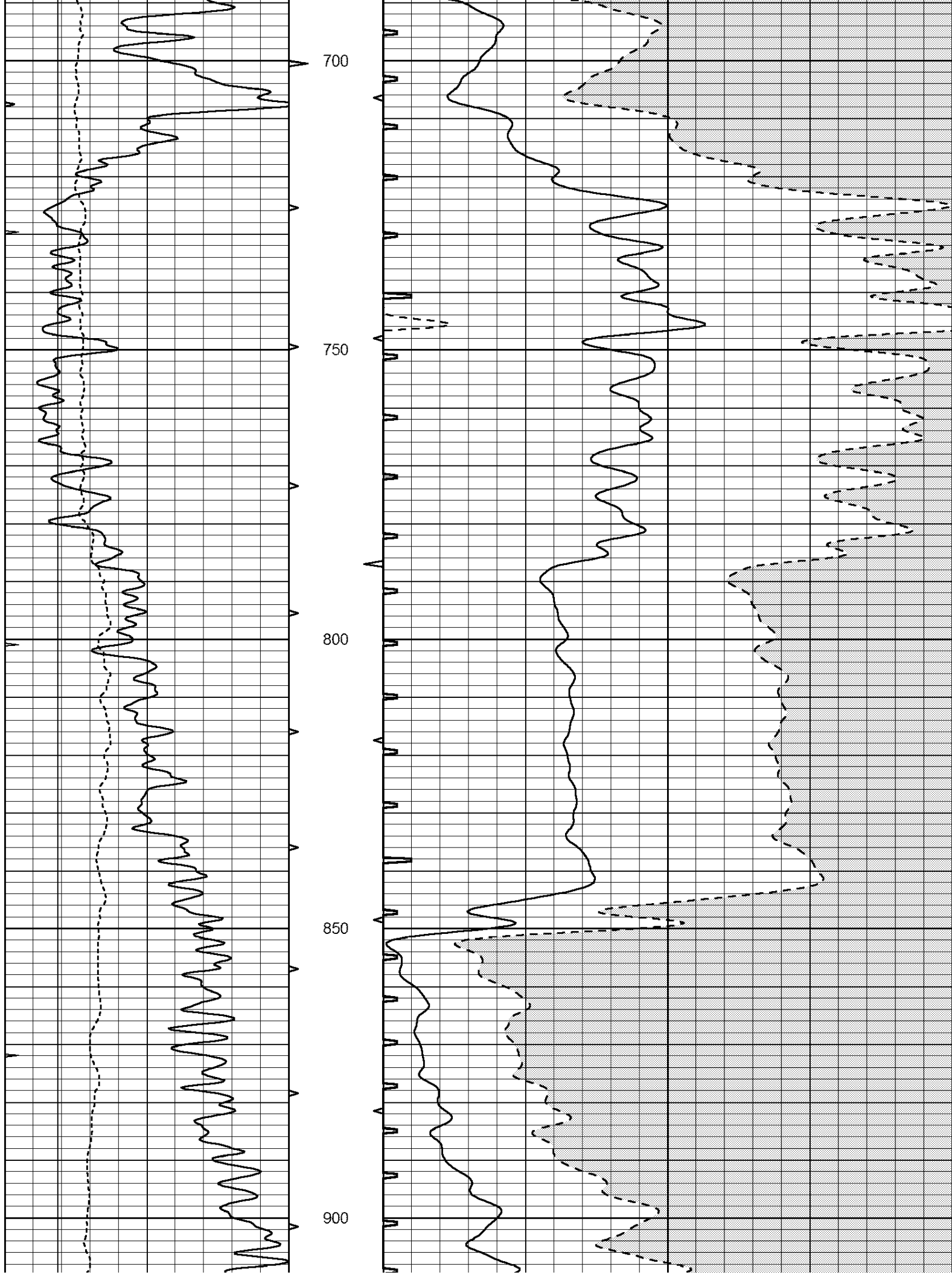
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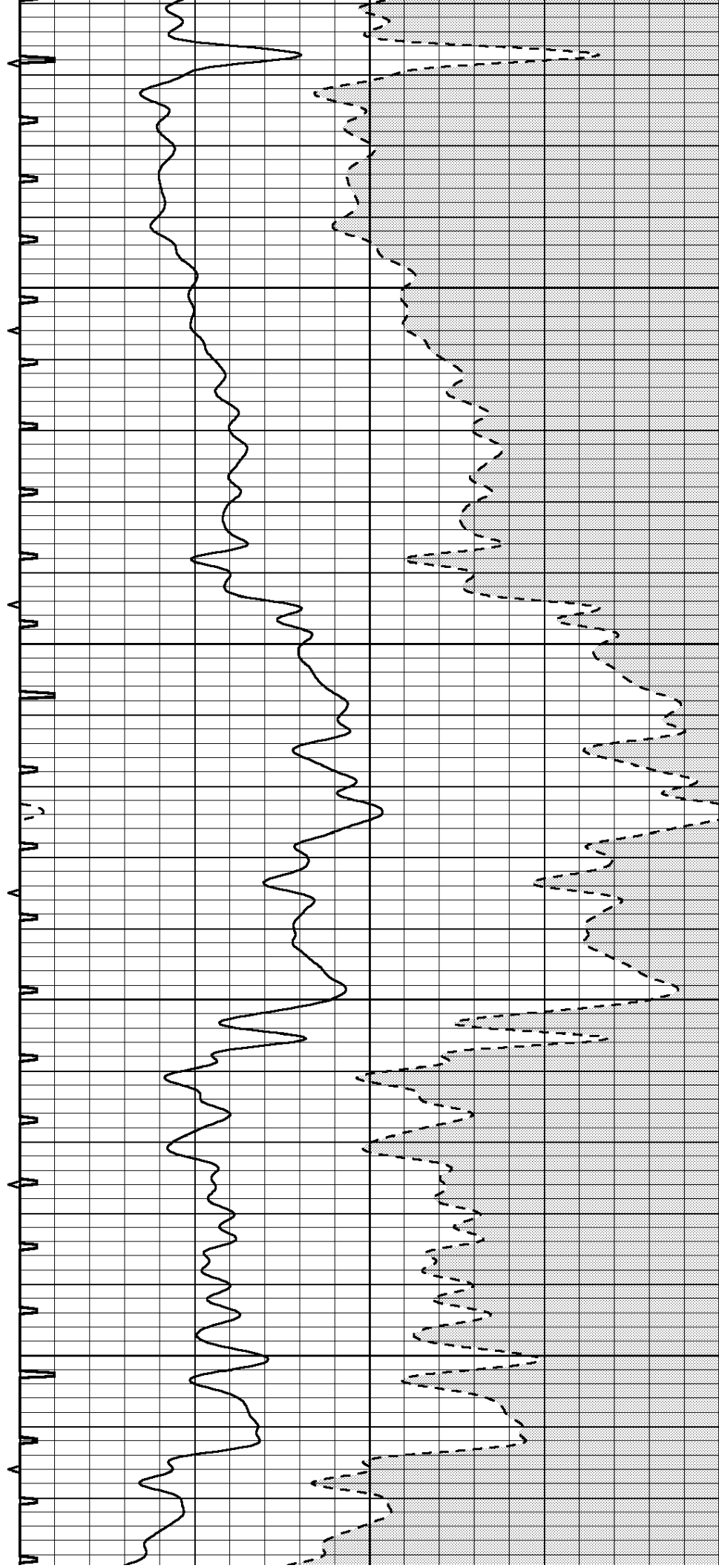
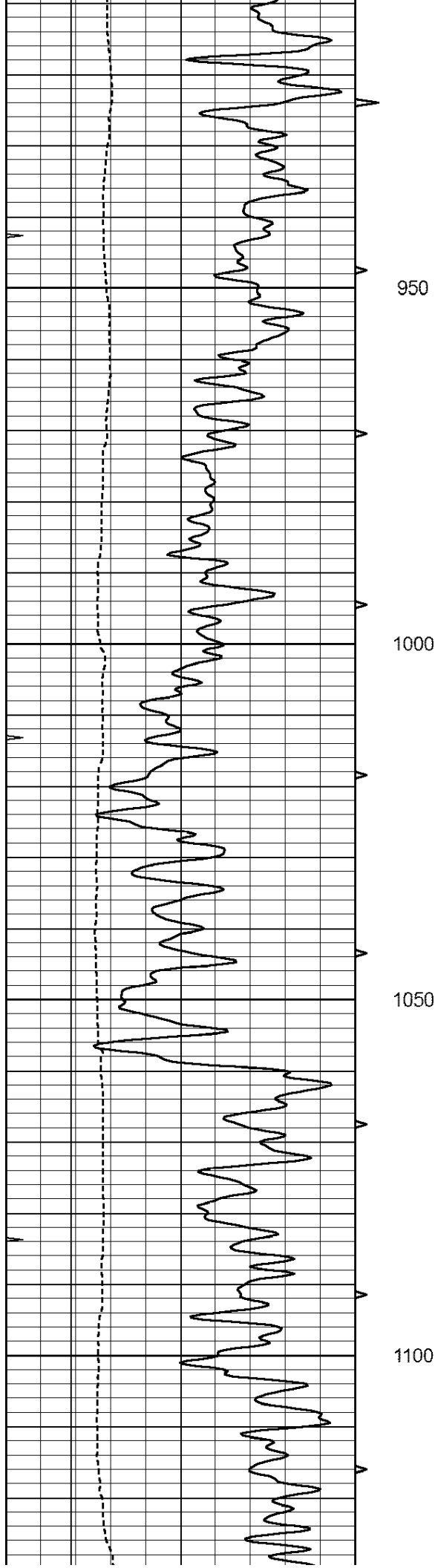
Depth in Feet scaled 1:240

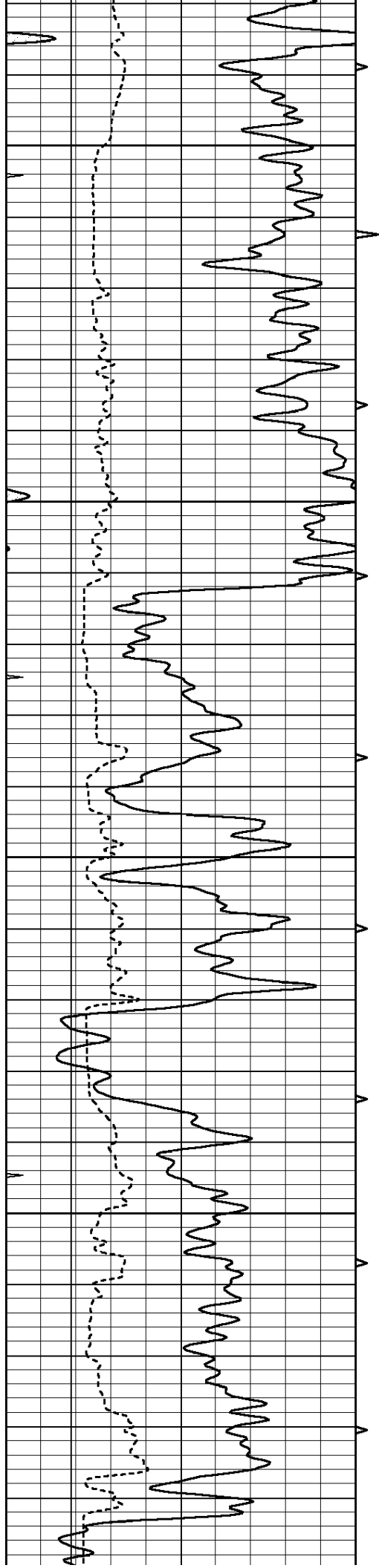
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
6	CALIPER (in)	16	TBHV	0	ITT (msec)	20
0	MINMK	20	0 (ft3) 10			











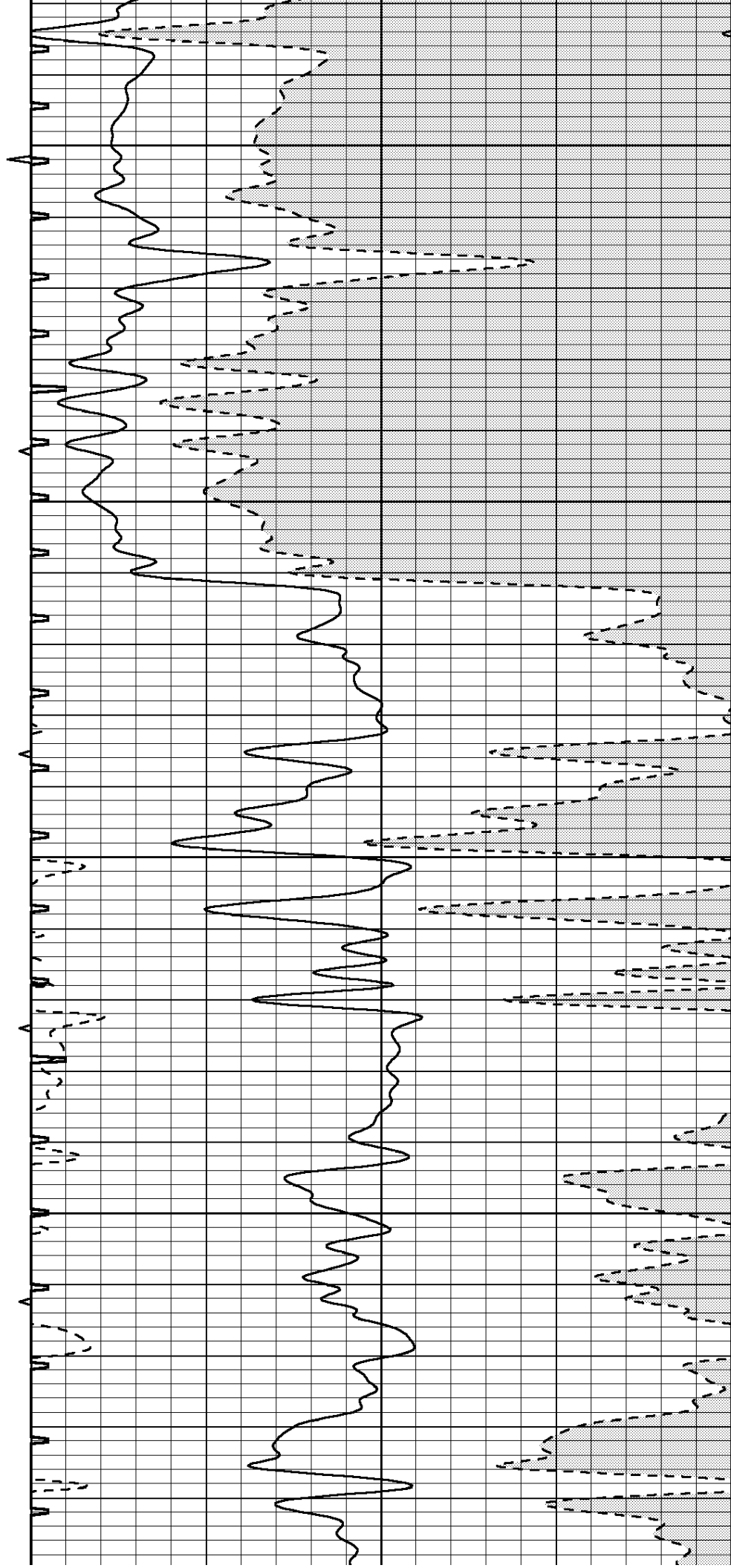
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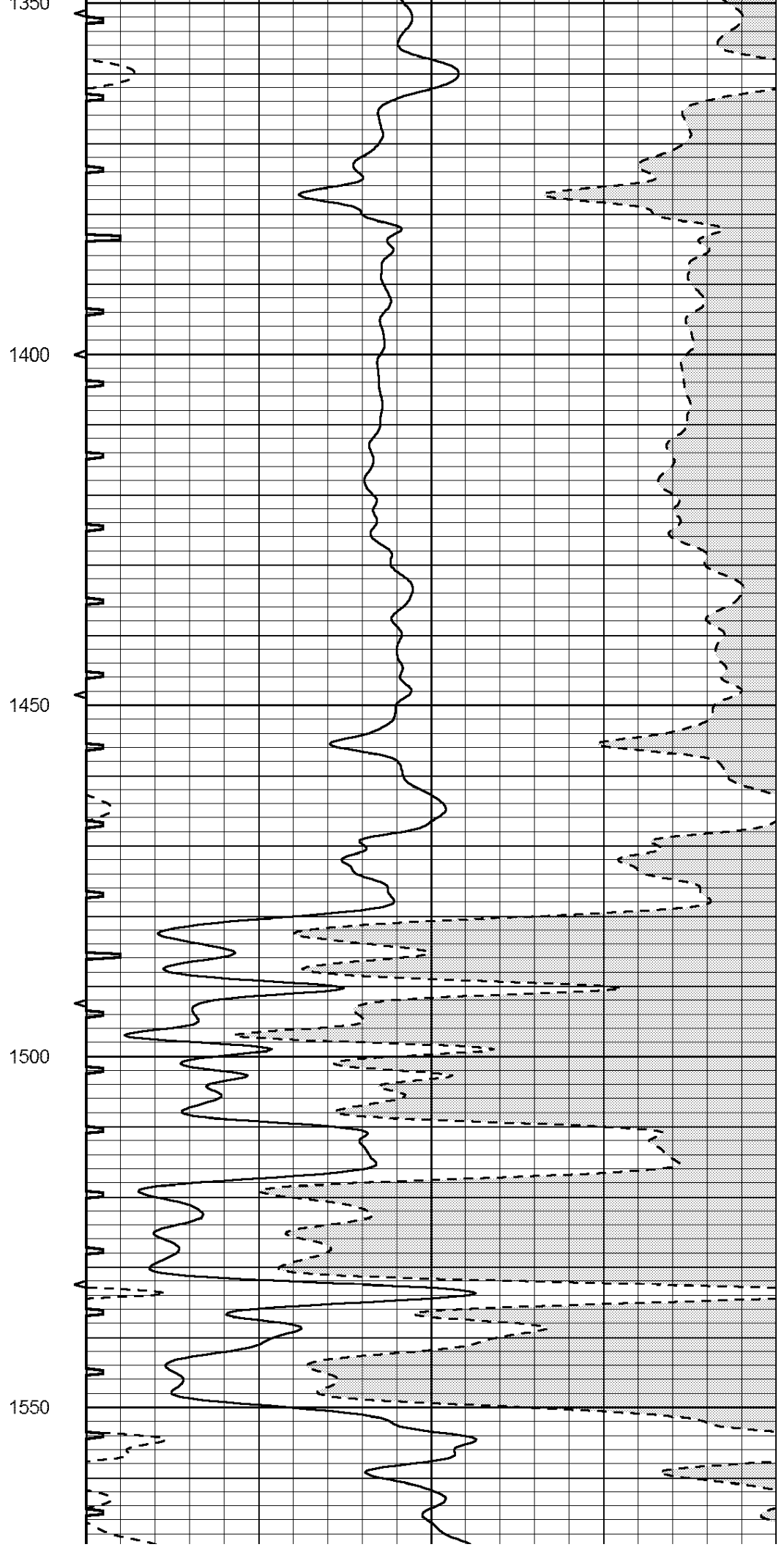
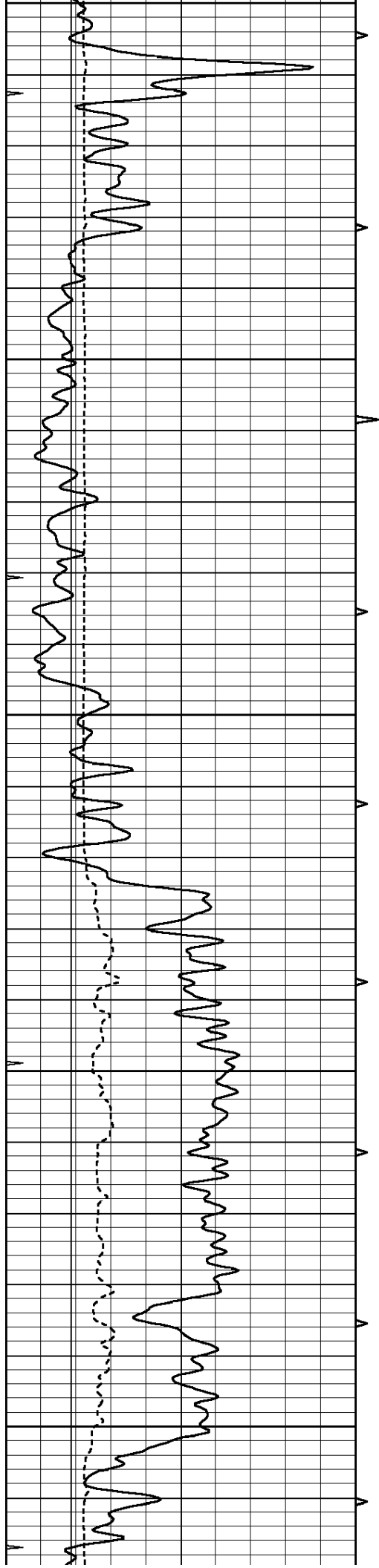
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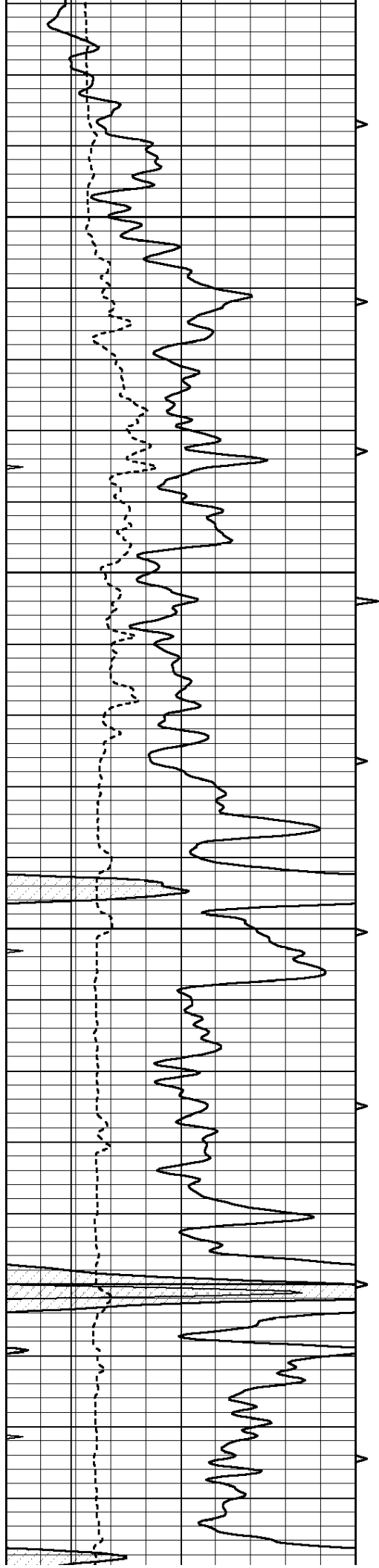
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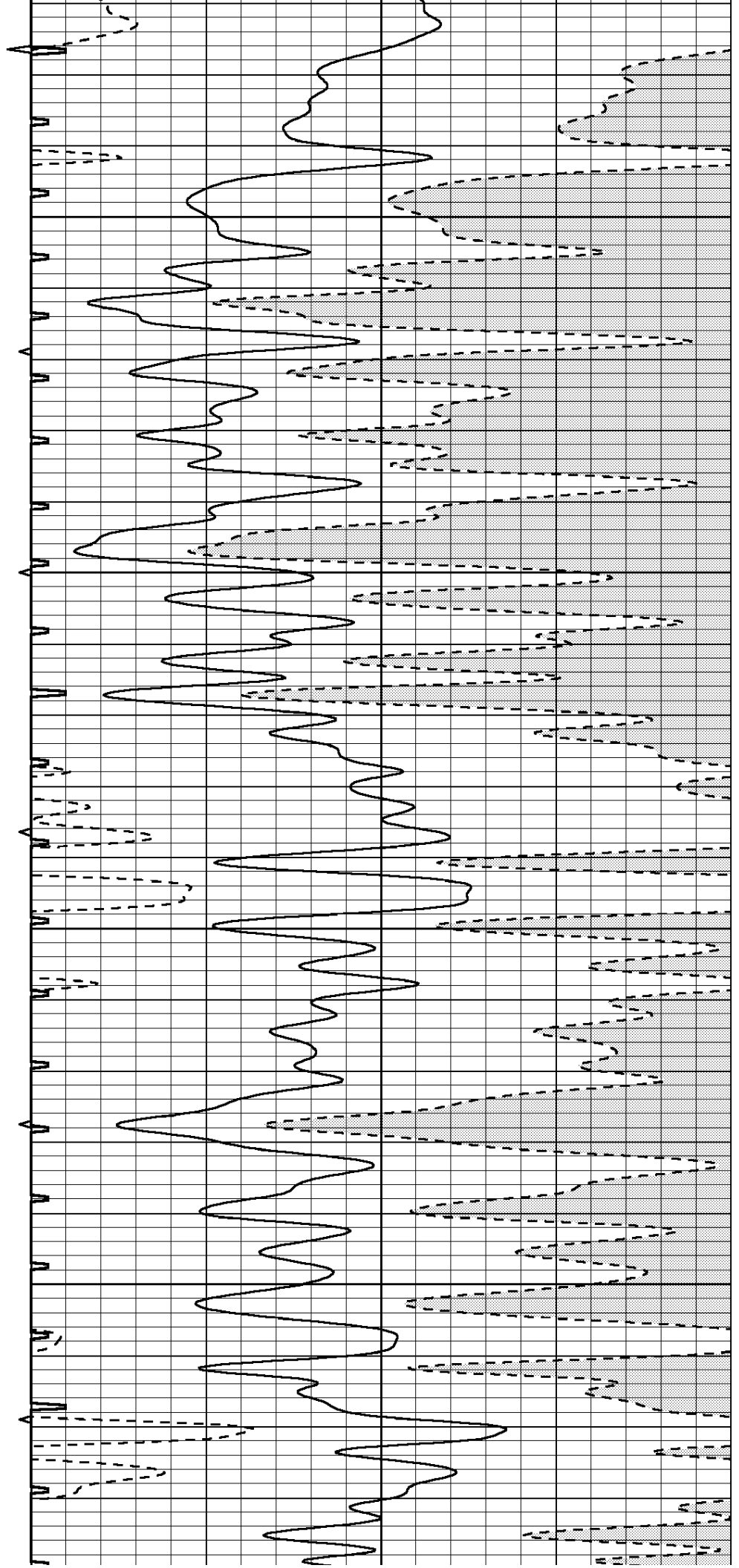


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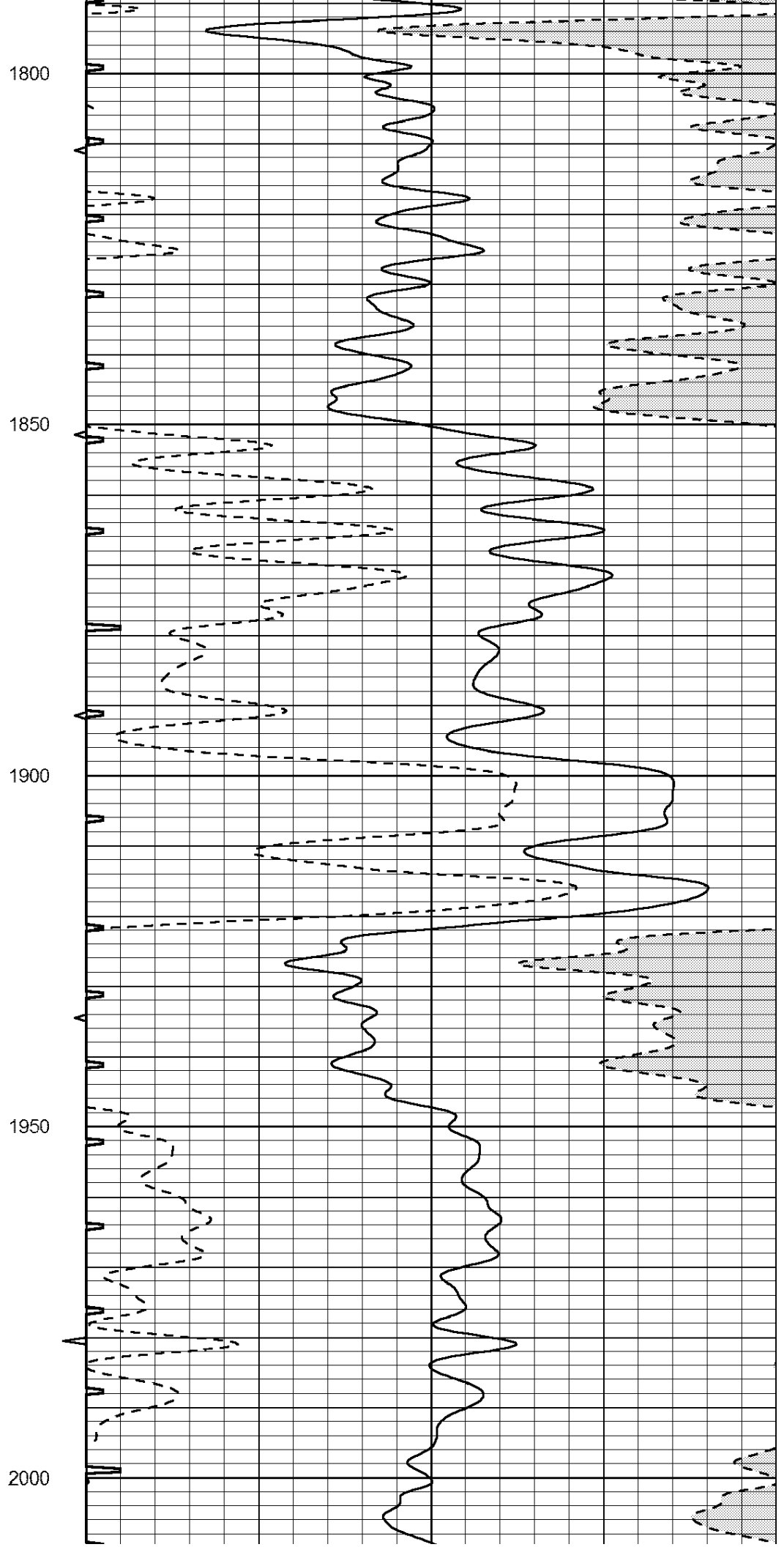
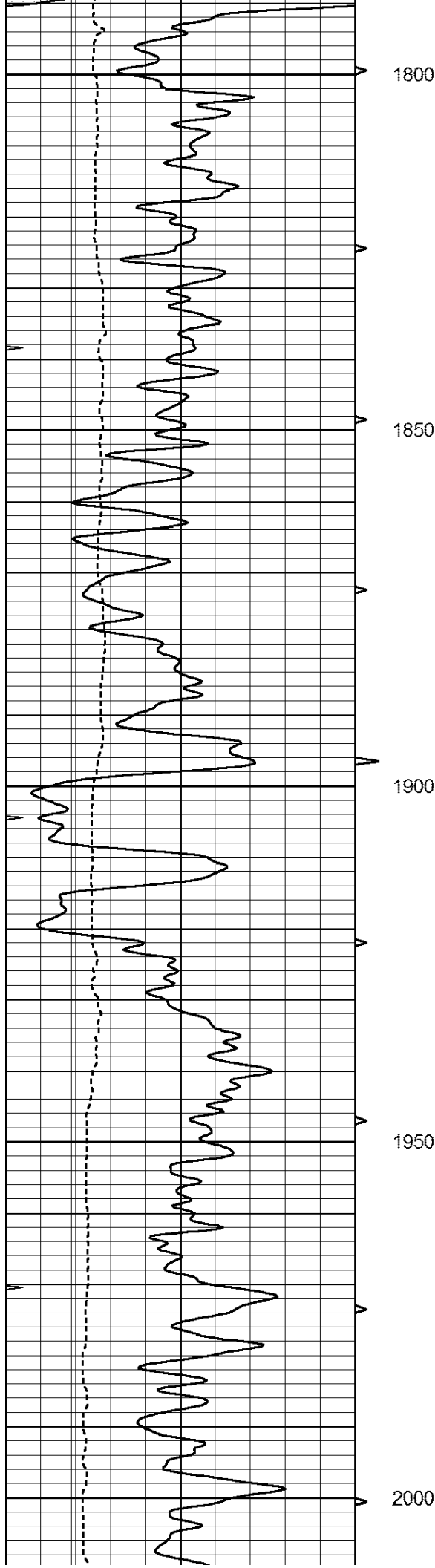
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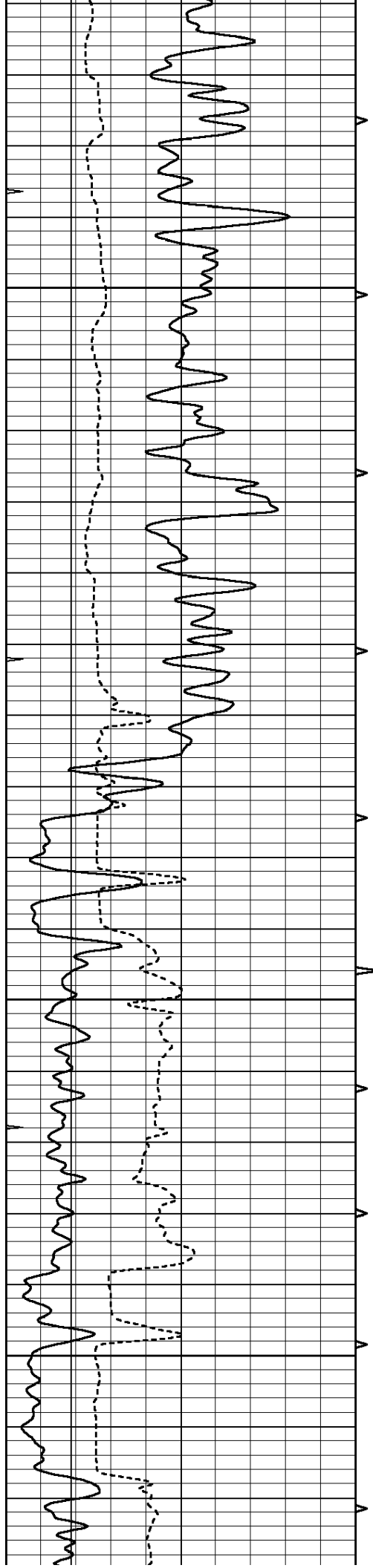
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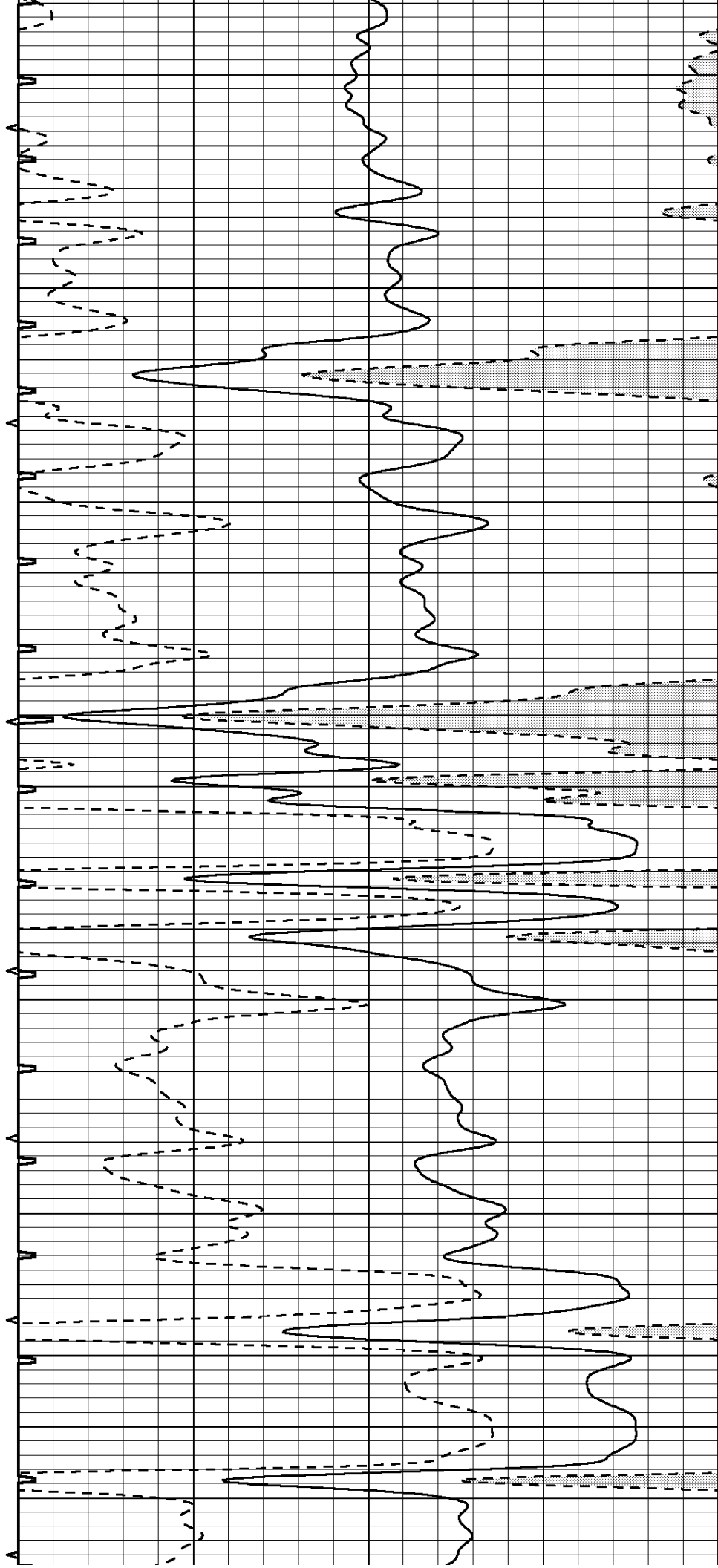


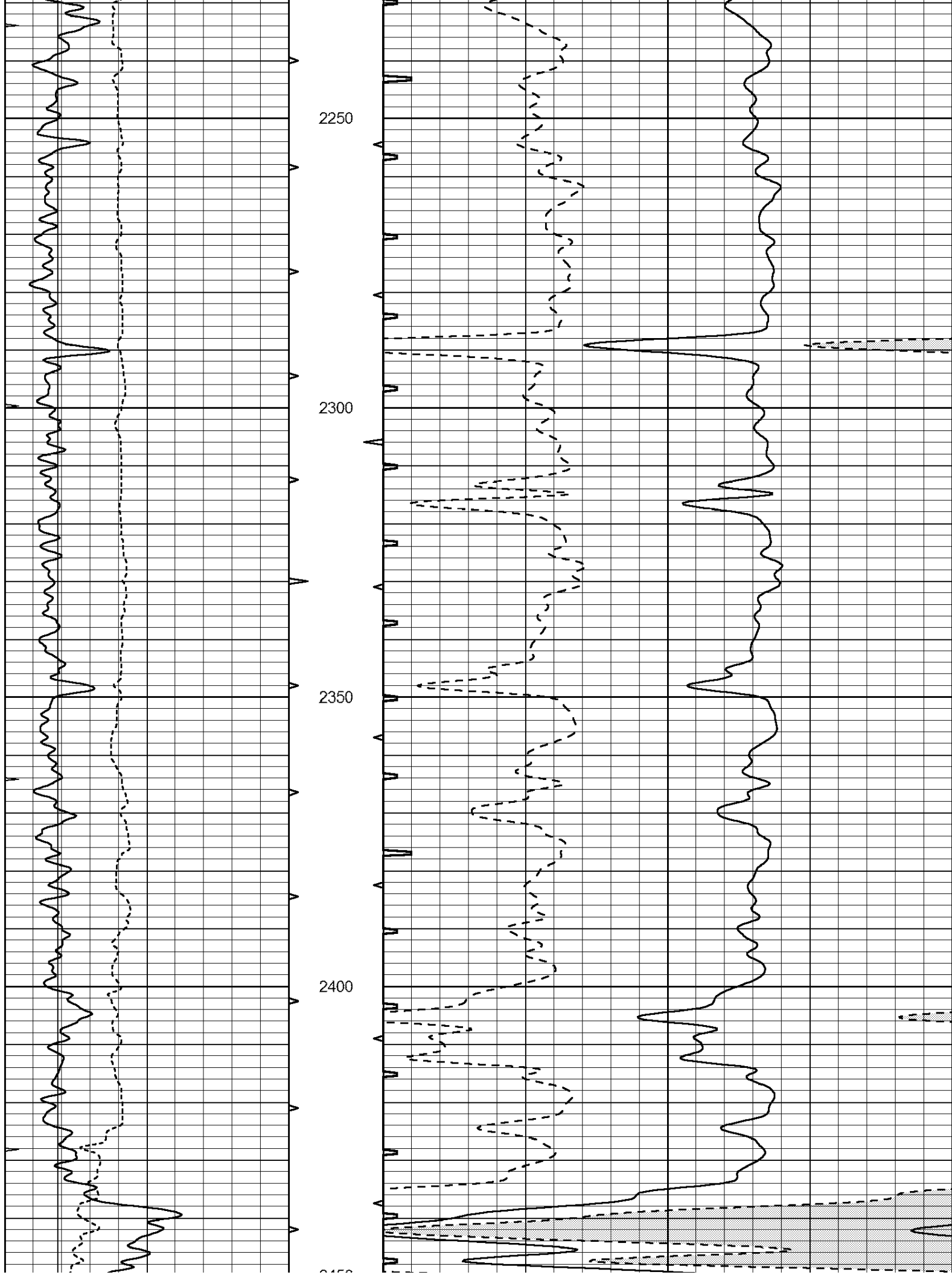
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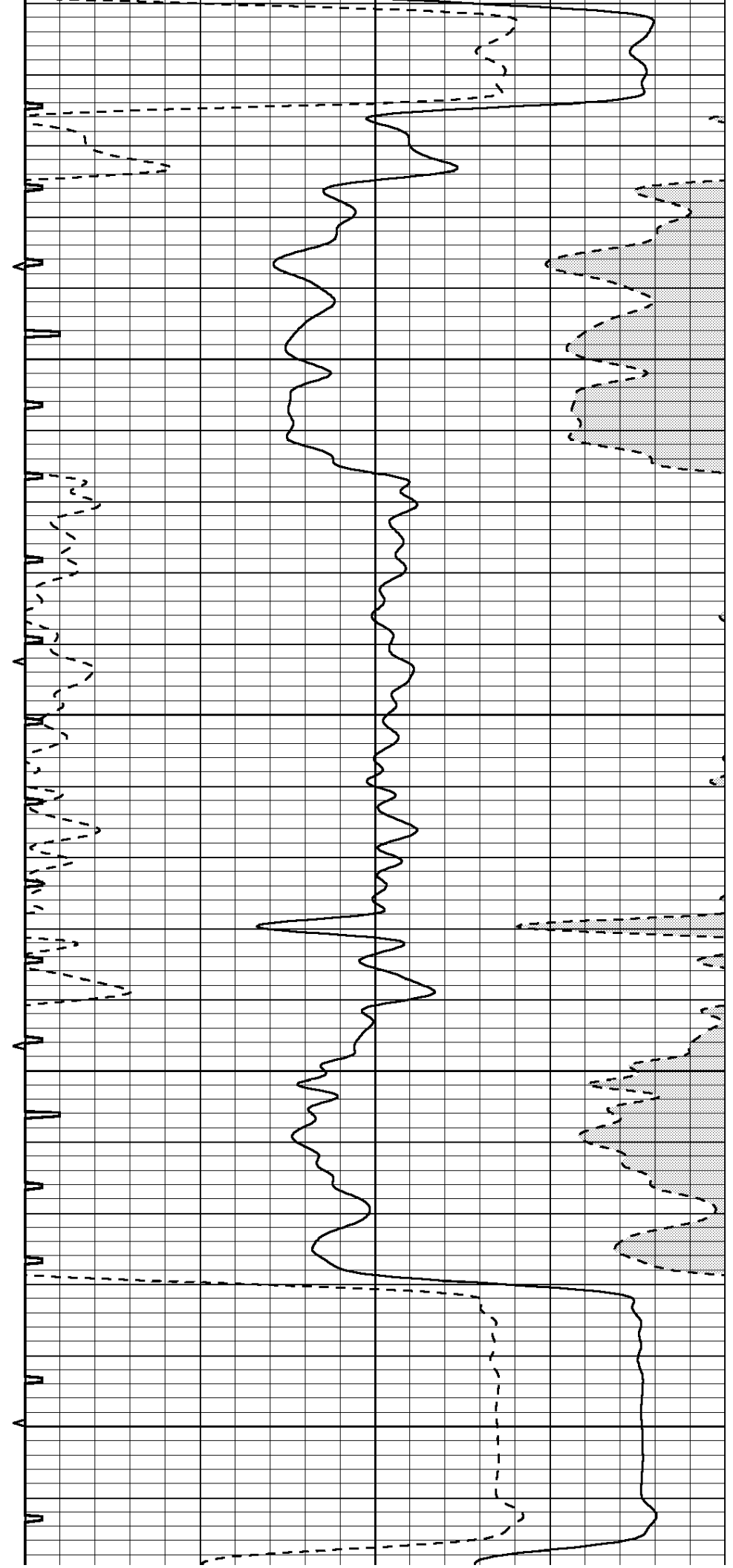
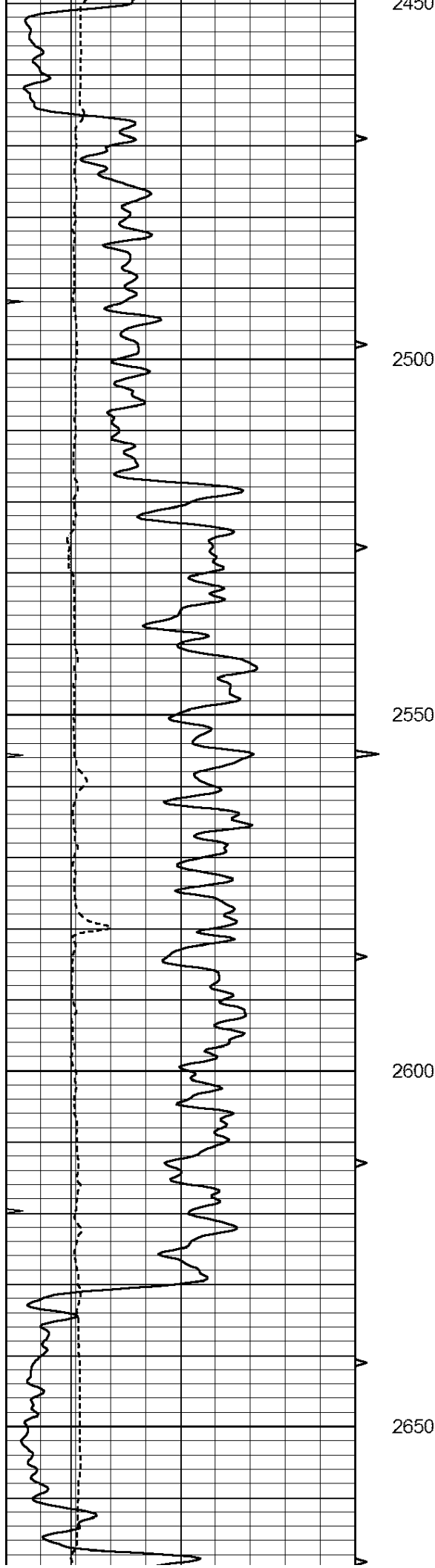
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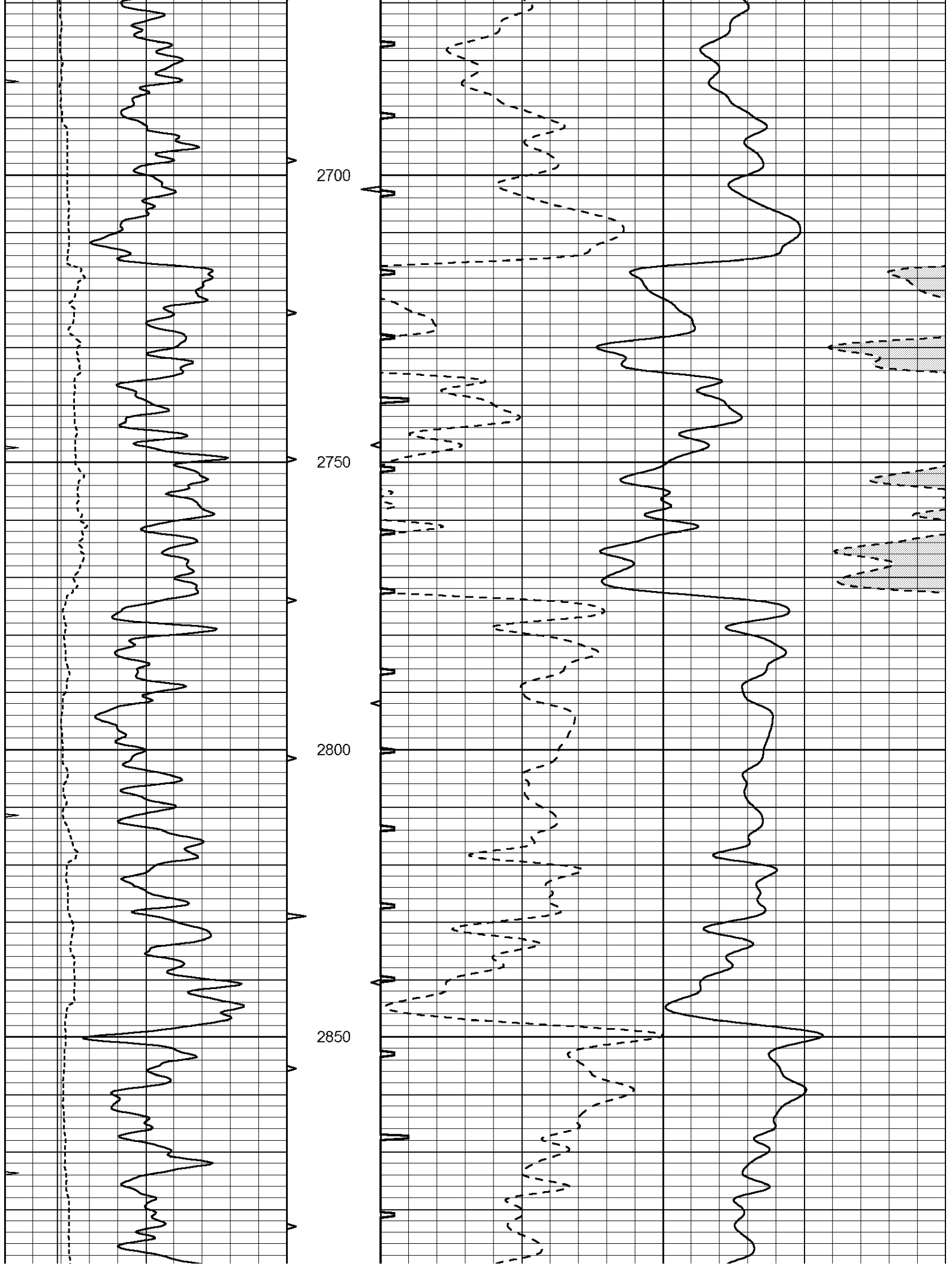
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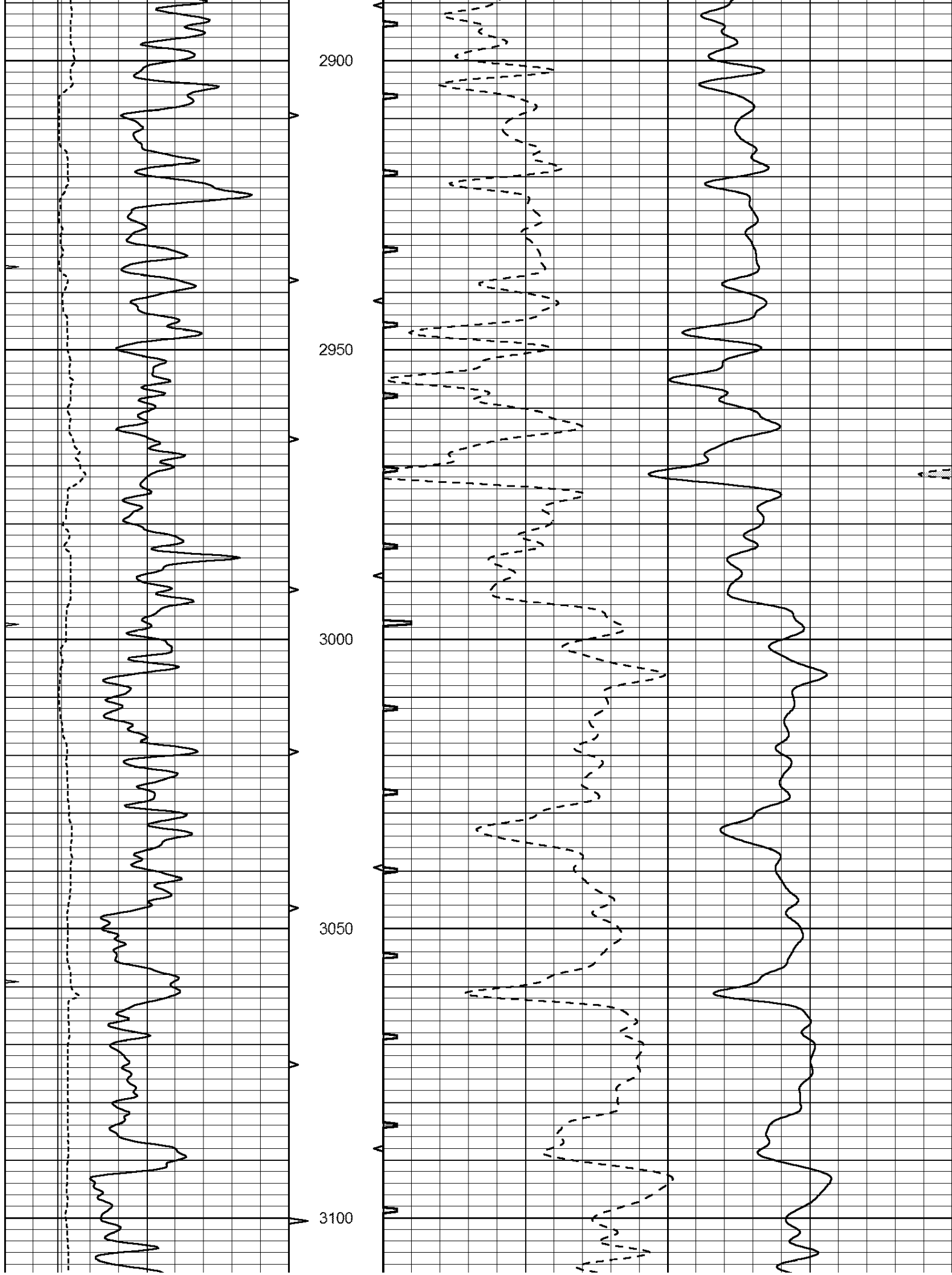
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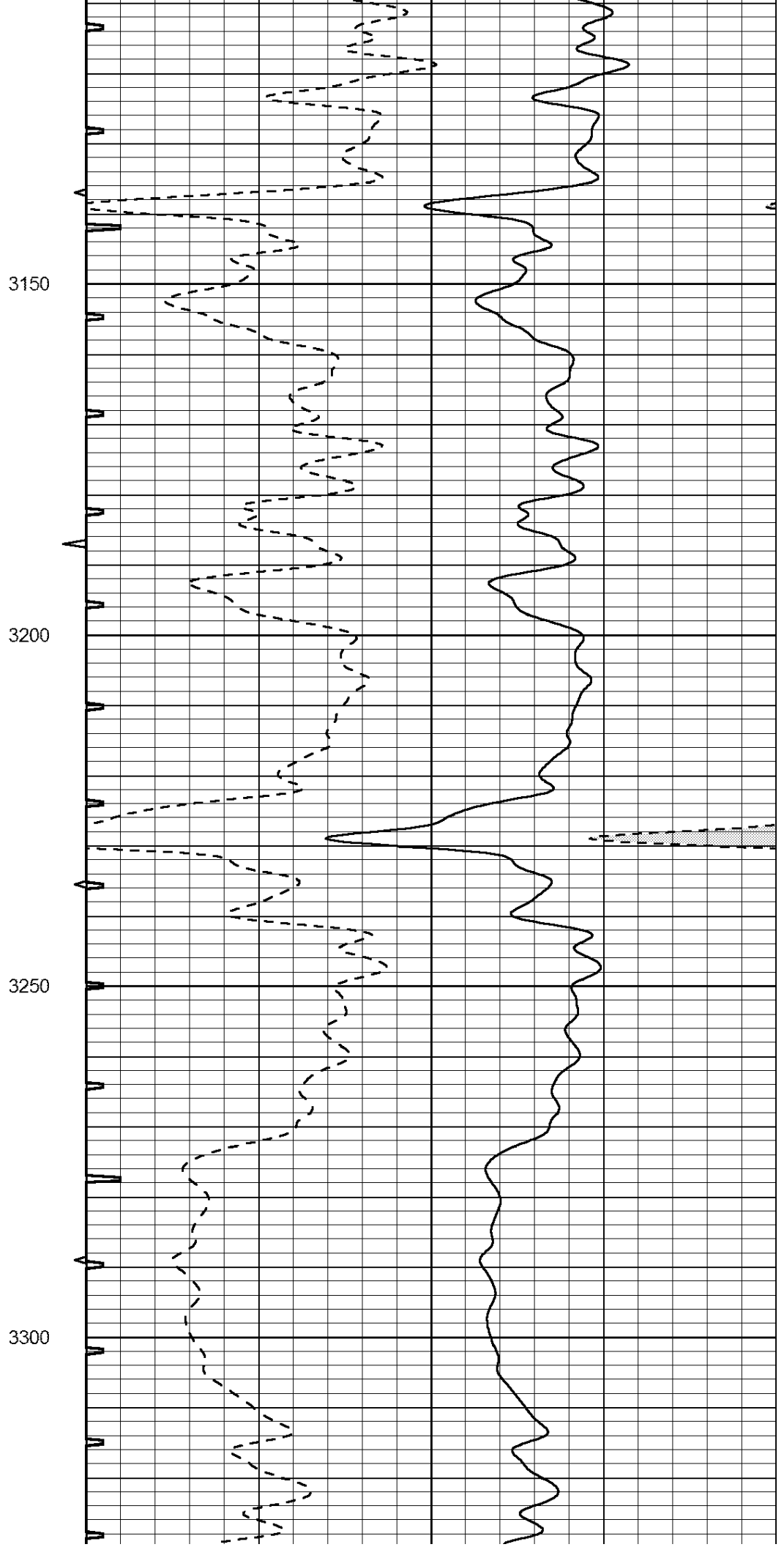
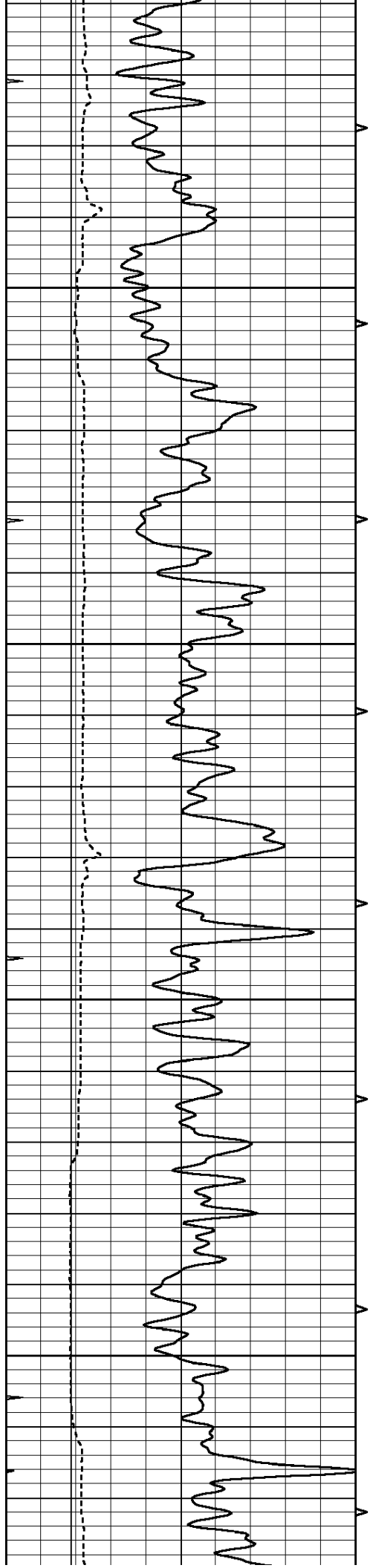


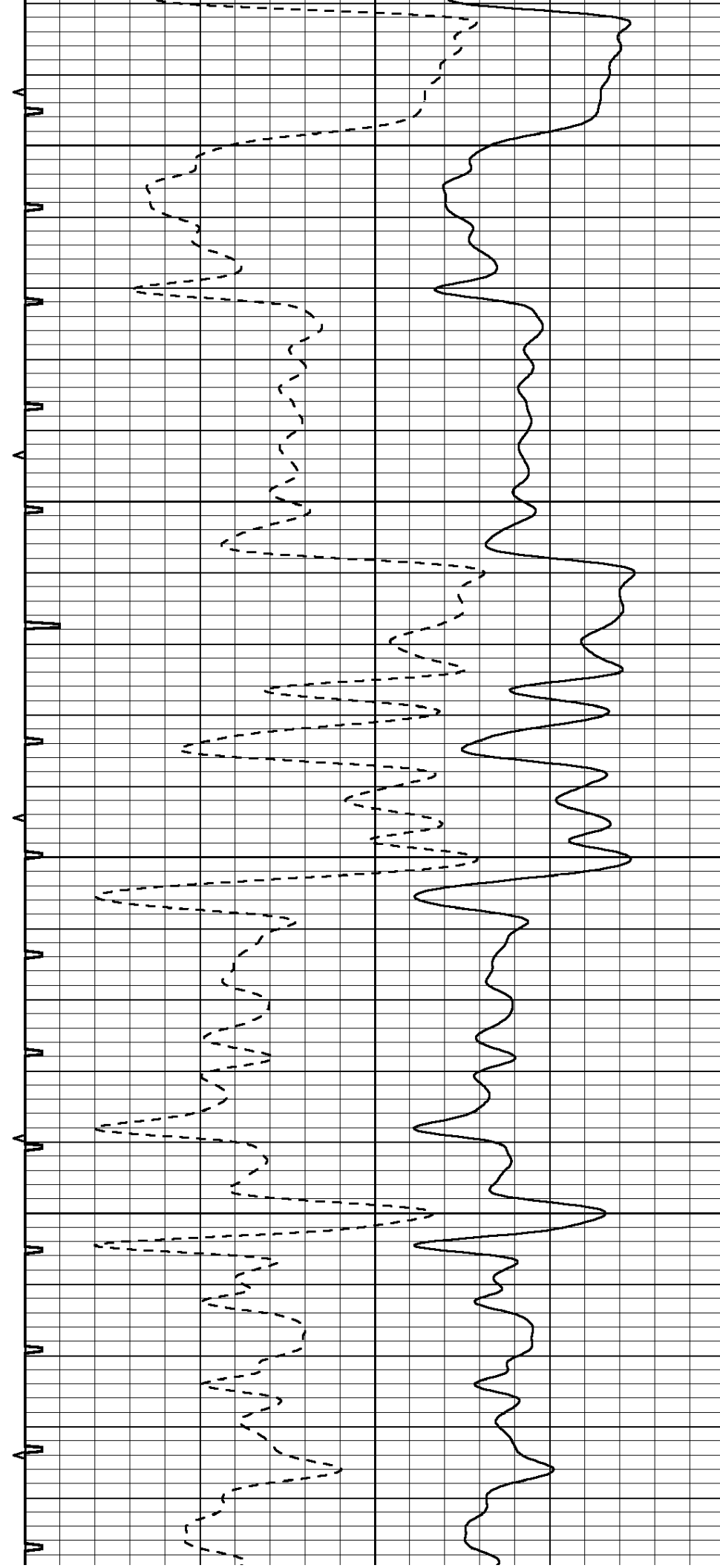
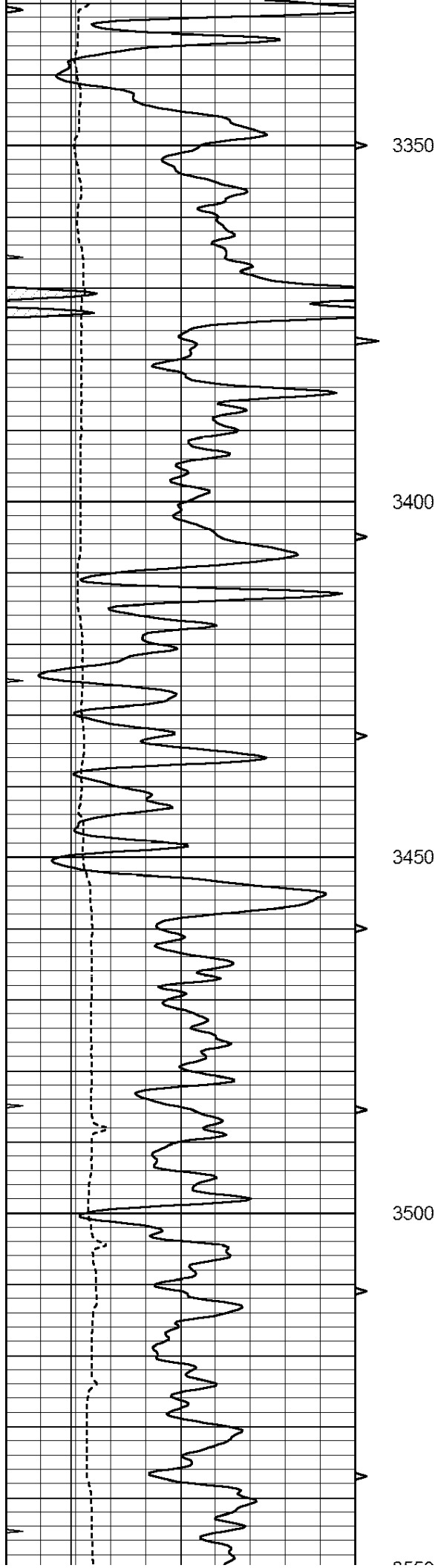




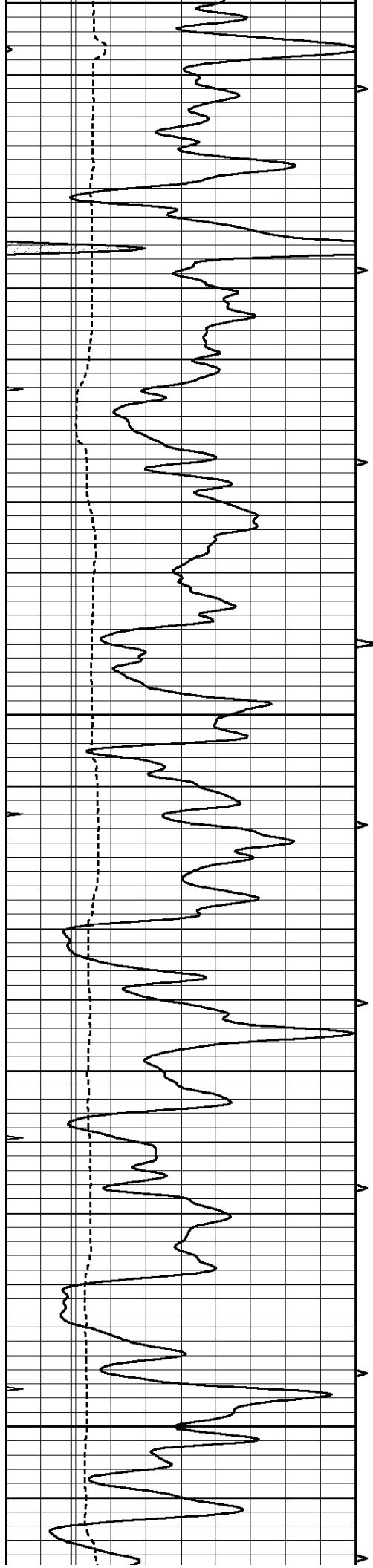












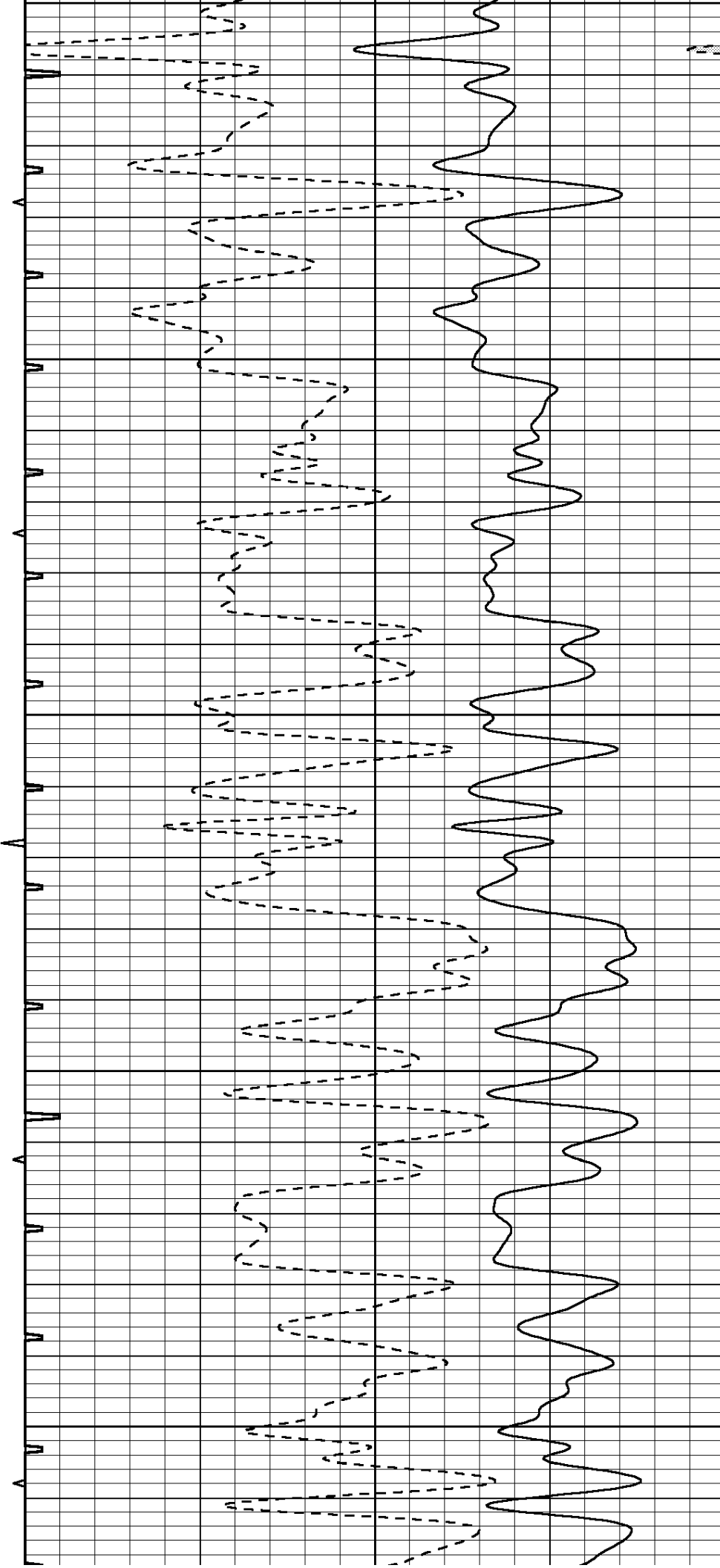
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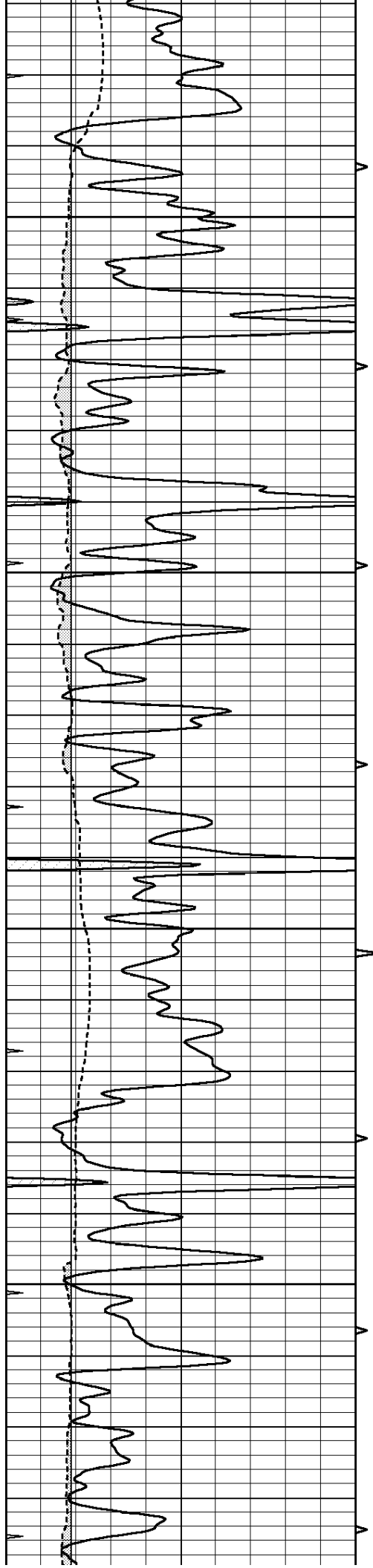
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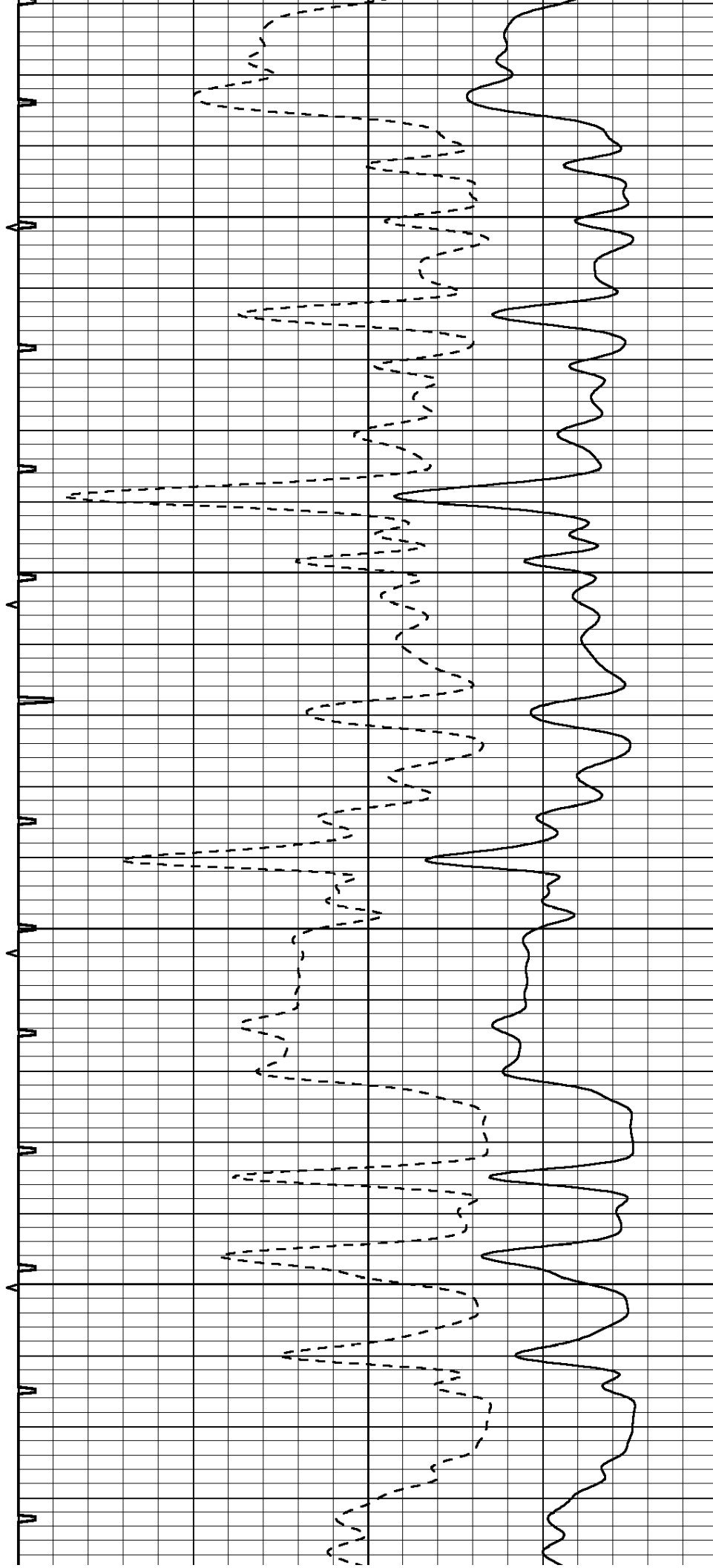


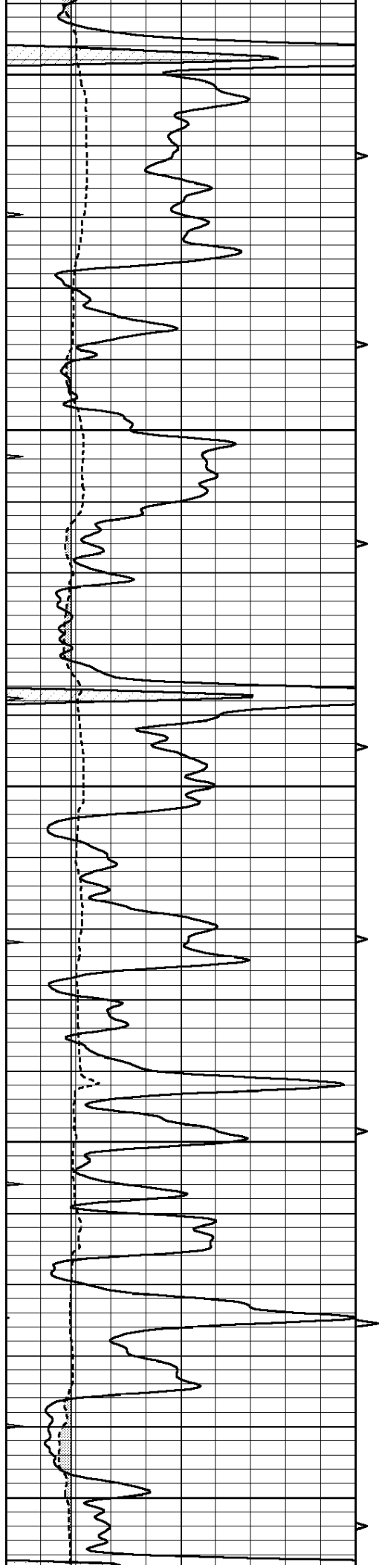
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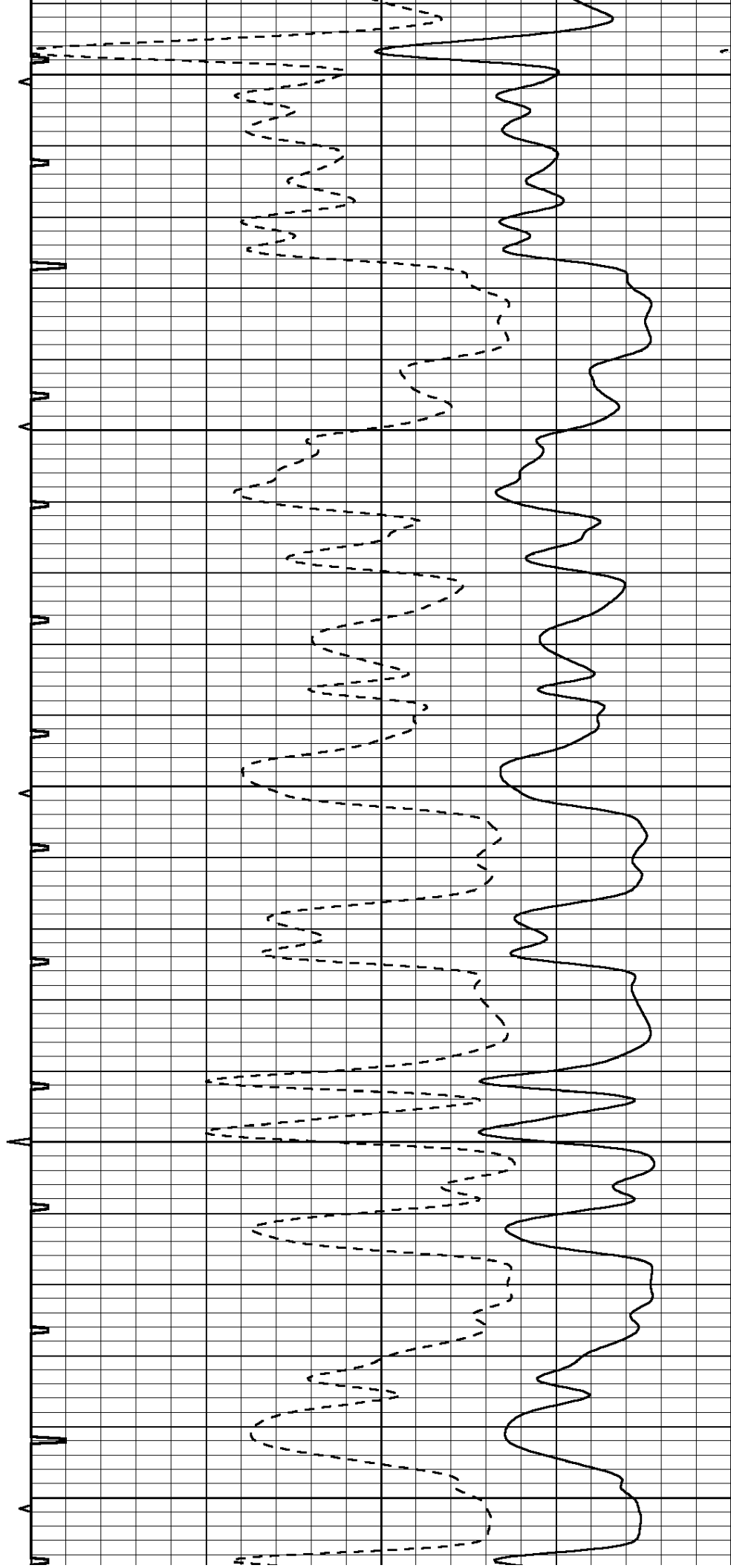
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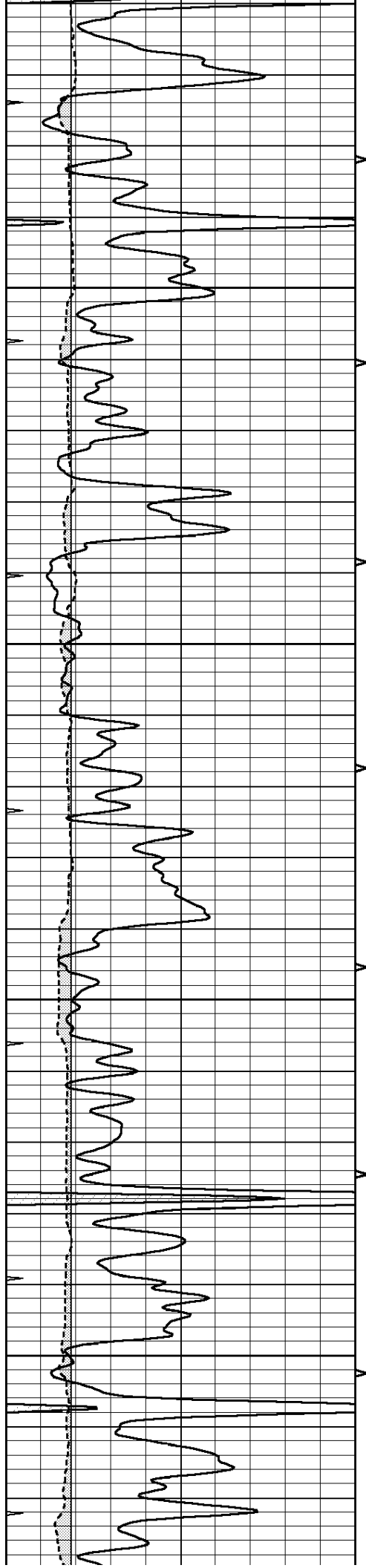
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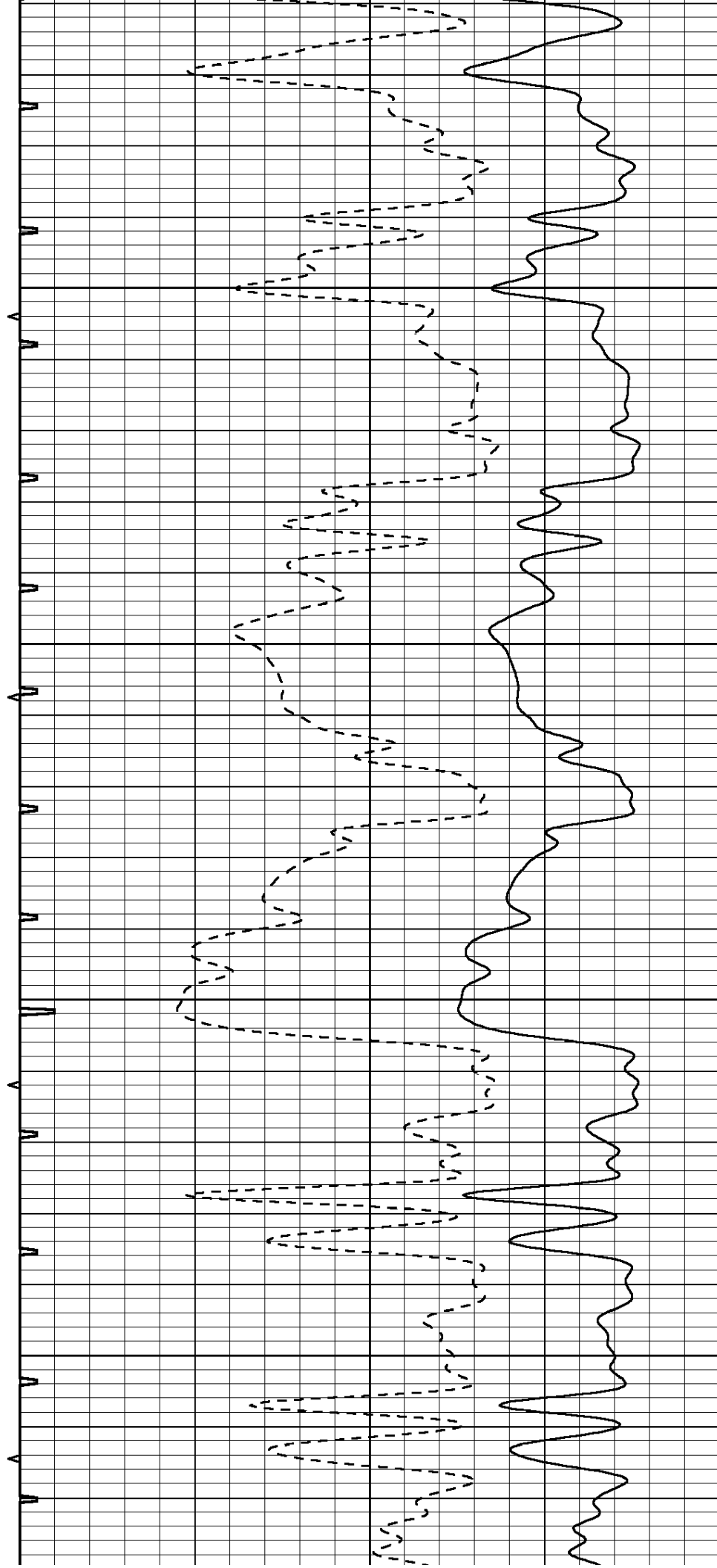


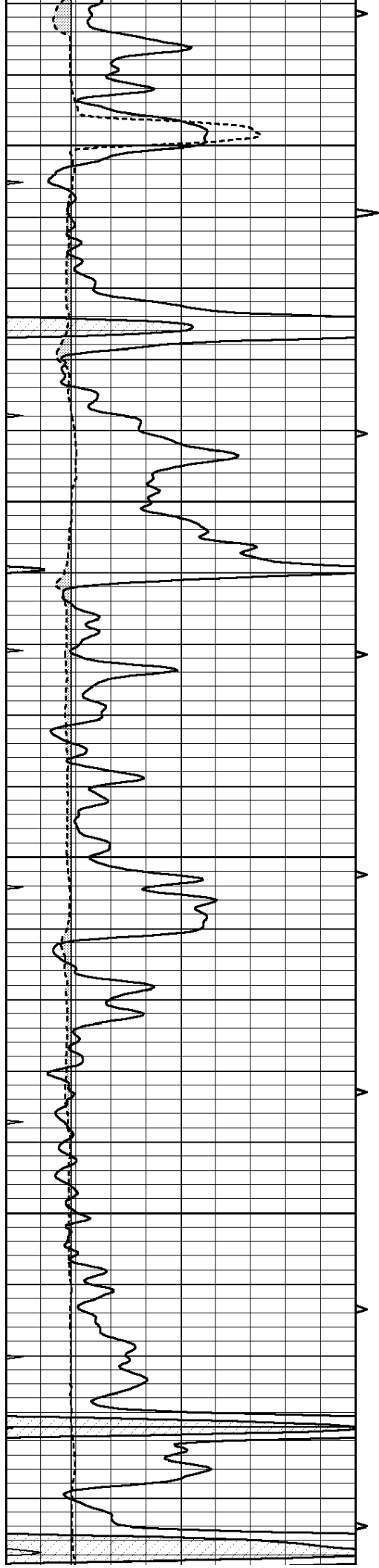
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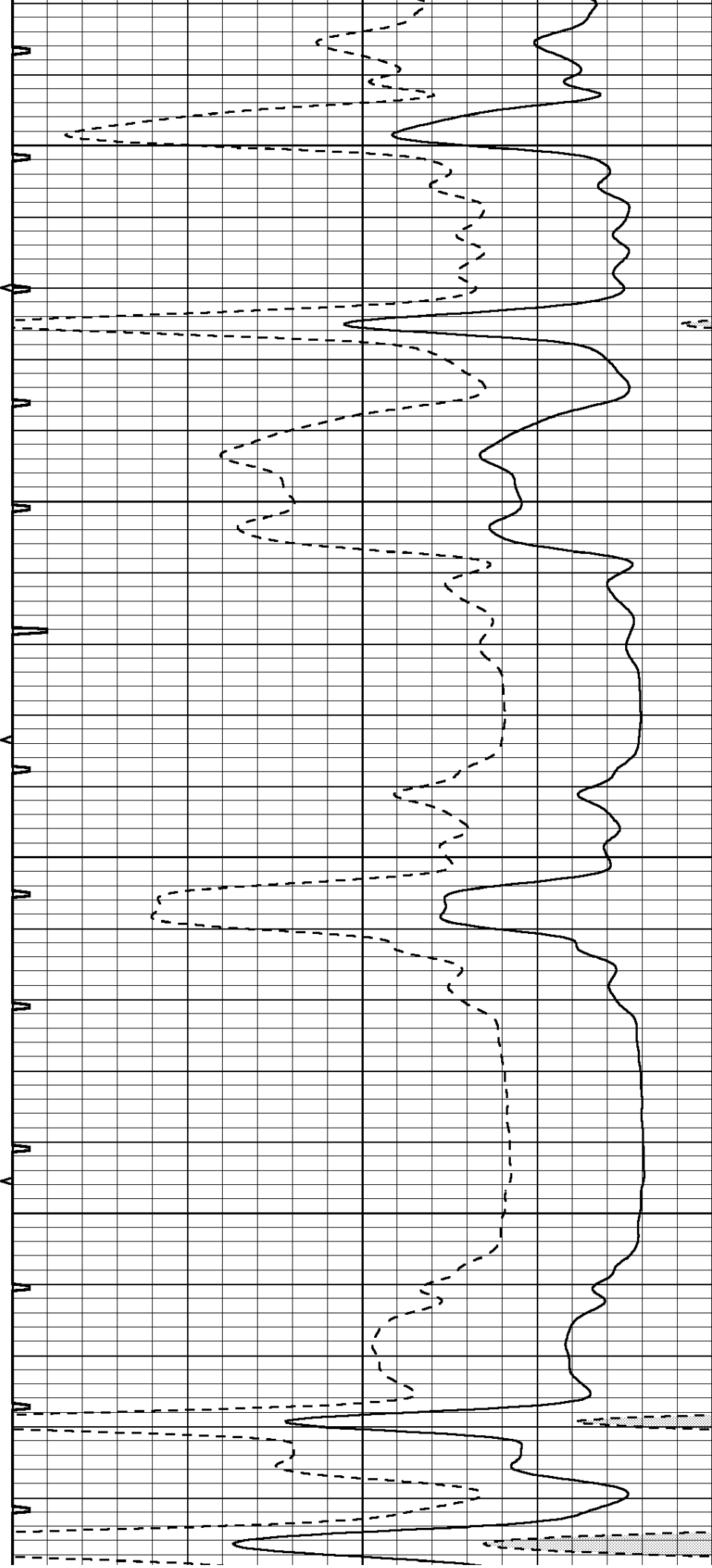
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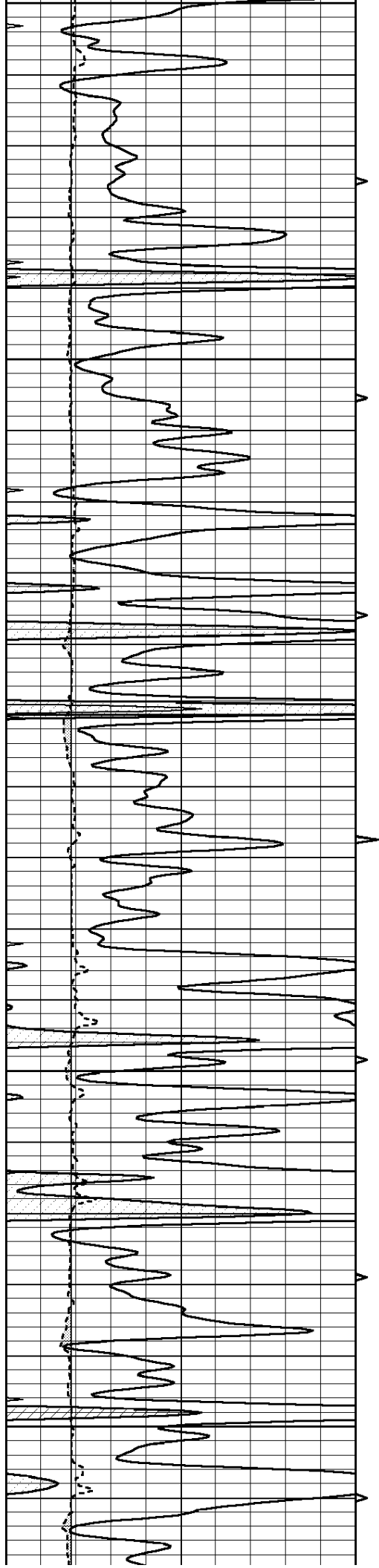
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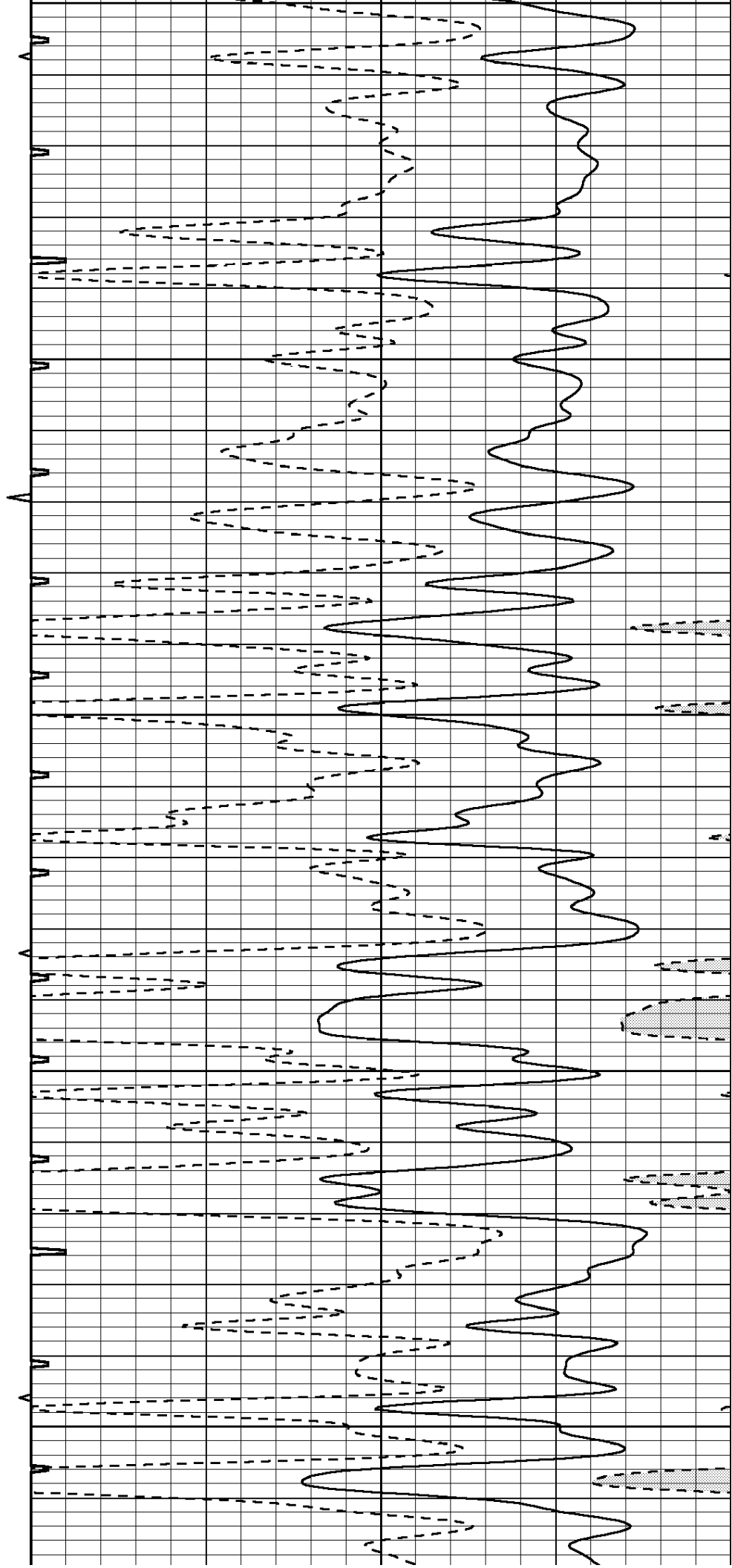
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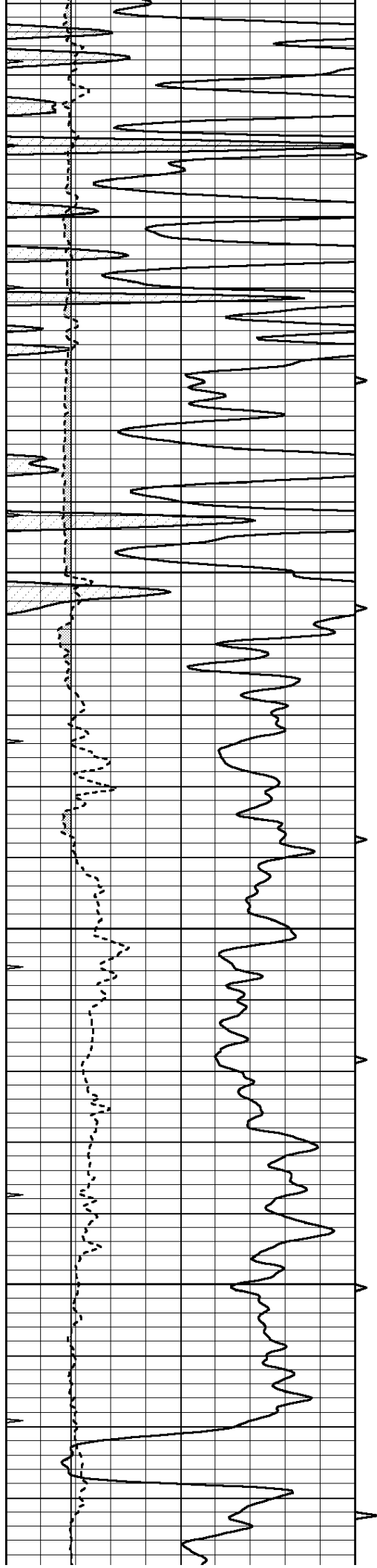
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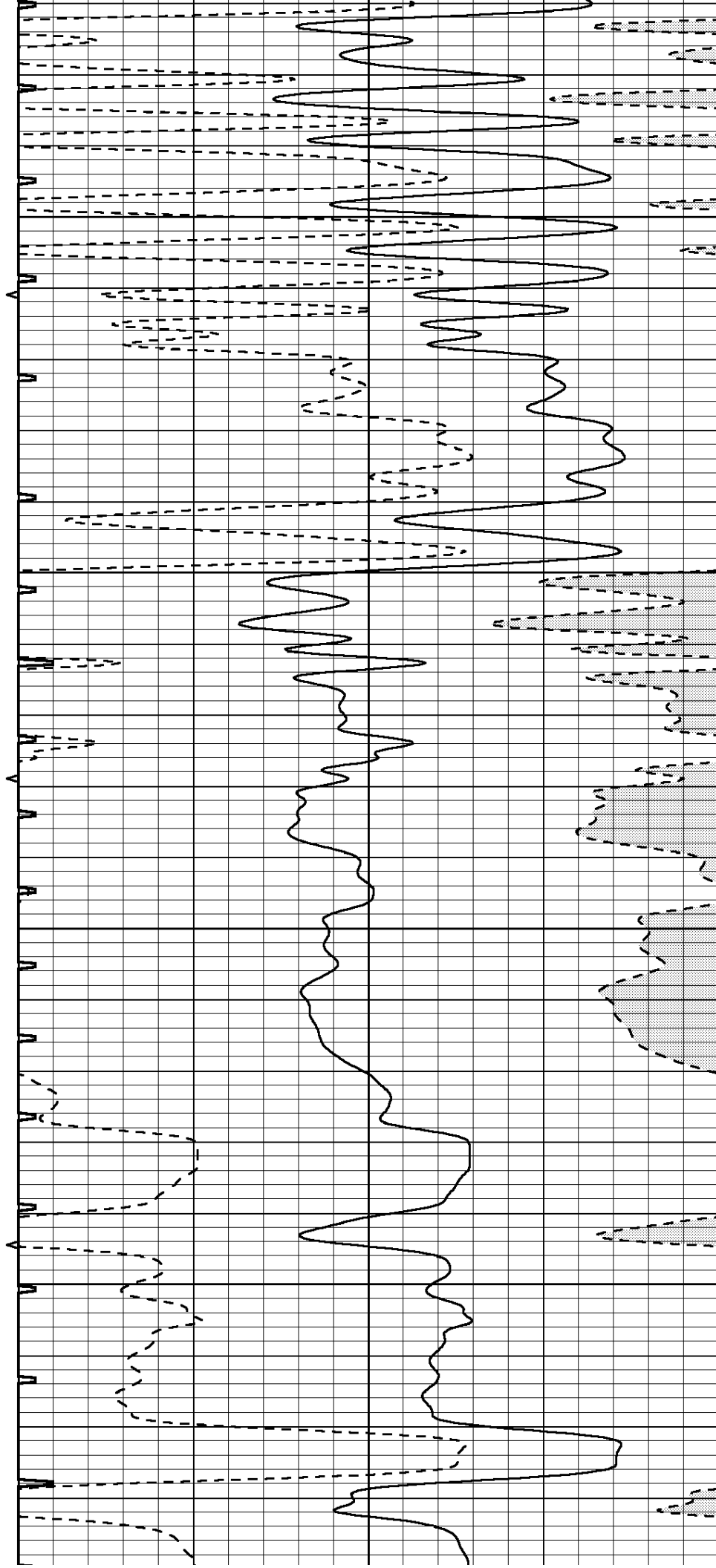


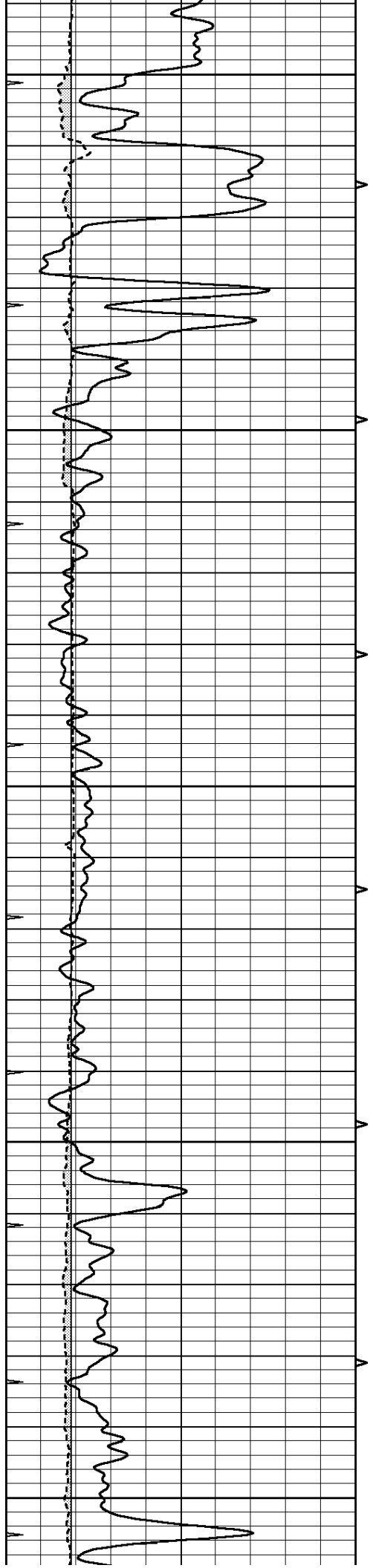
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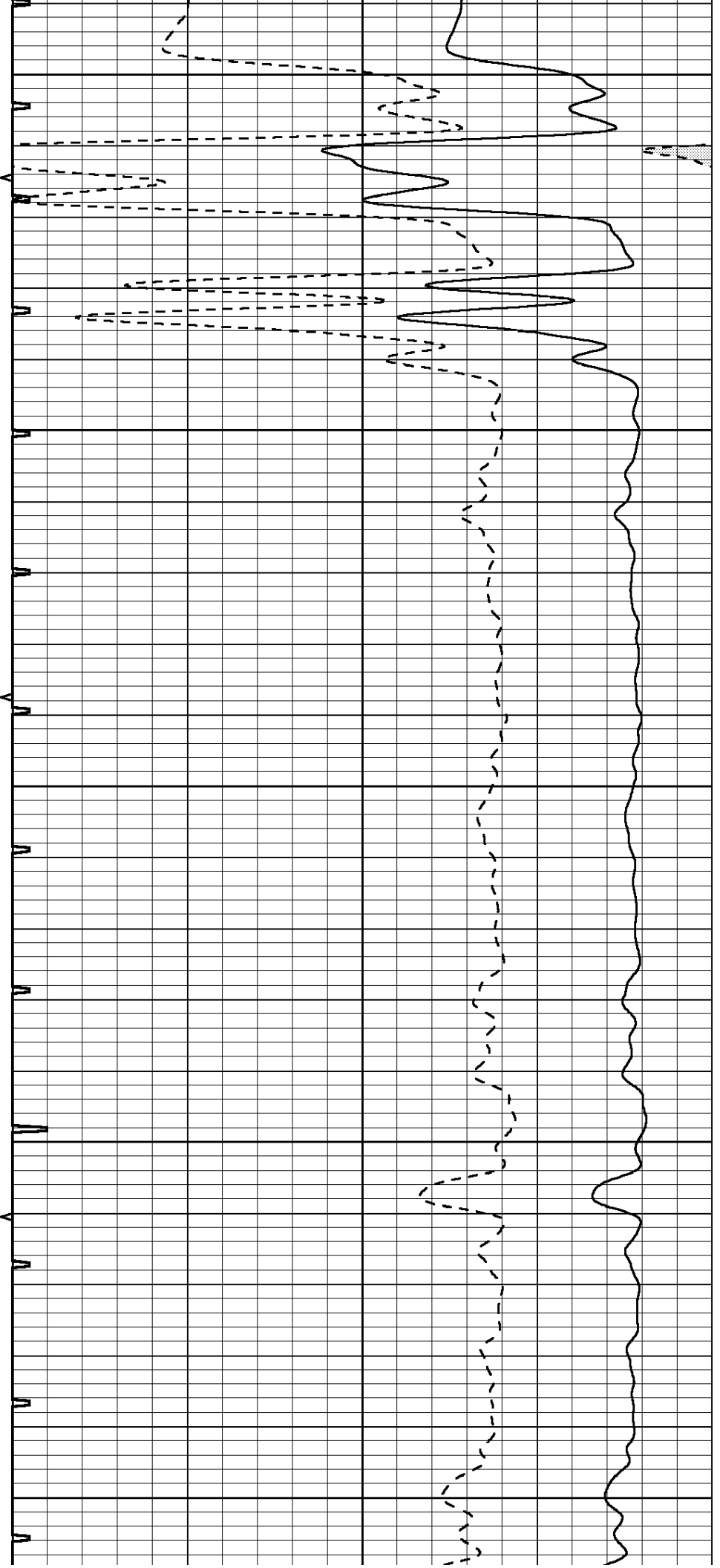
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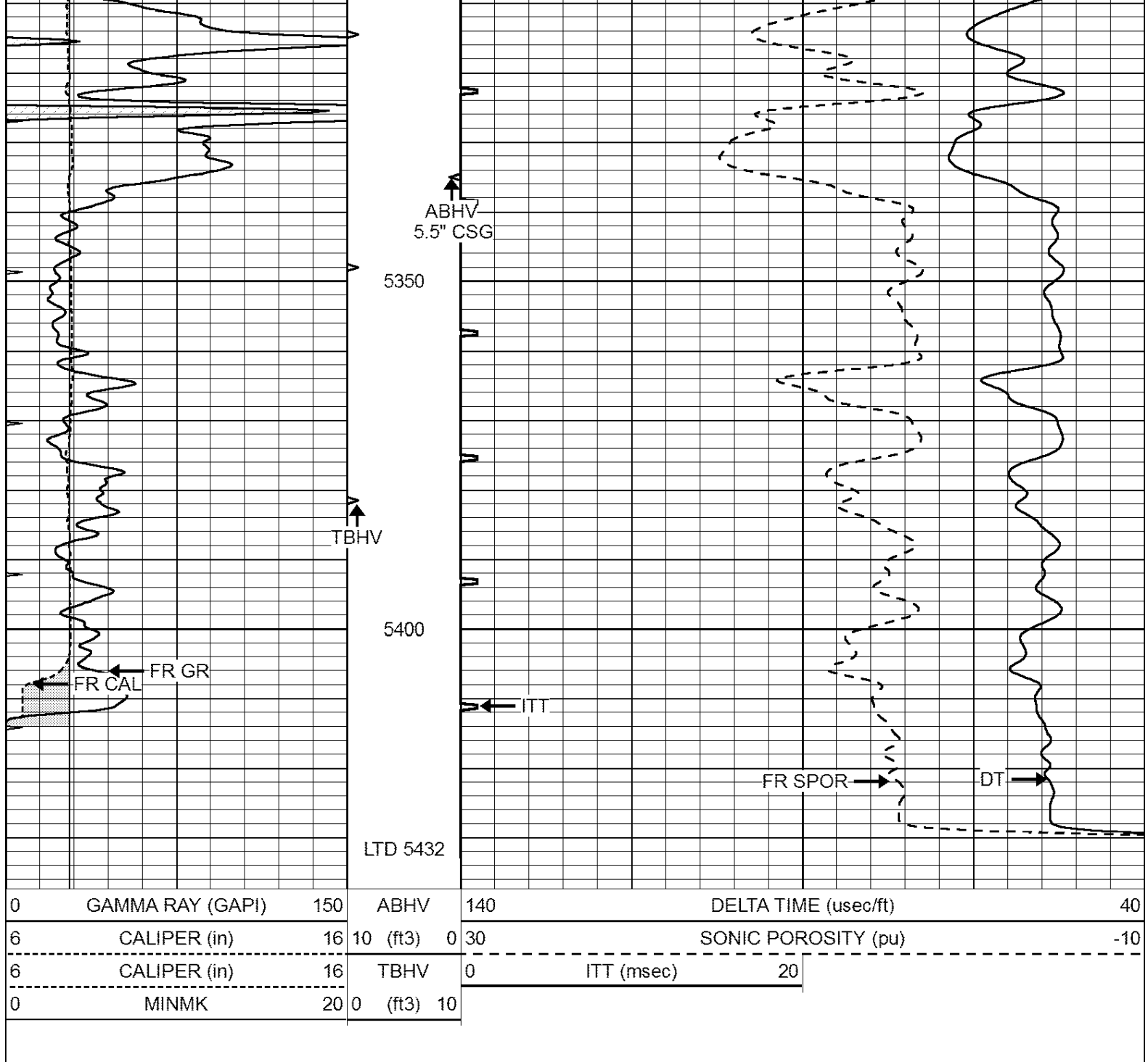
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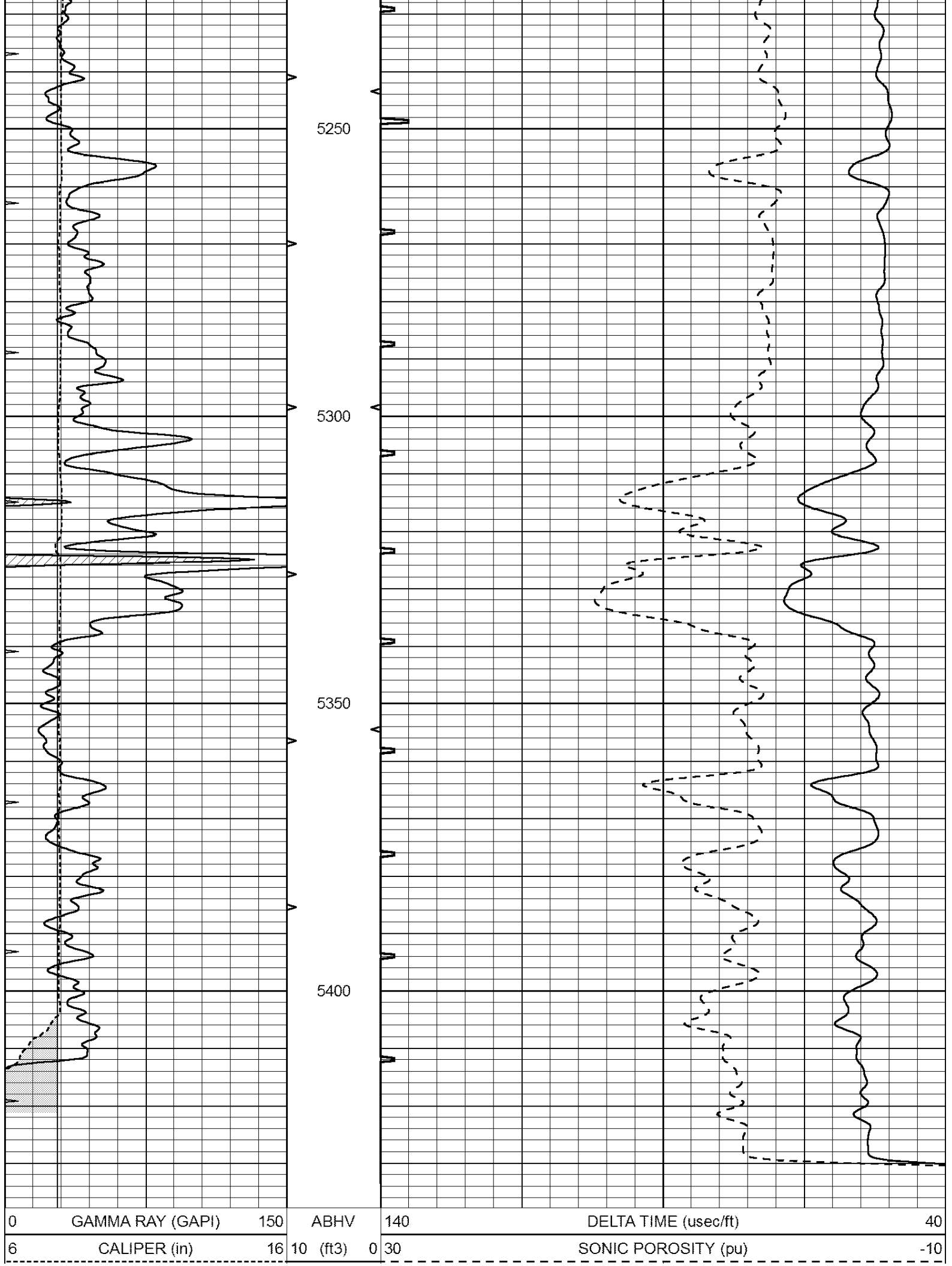



**NABORS**  
 COMPLETION  
 & PRODUCTION  
 SERVICES CO.

# REPEAT SECTION

Database File: 009798pe.db  
 Dataset Pathname: pass6.3  
 Presentation Format: \_slt  
 Dataset Creation: Tue Jan 08 16:03:28 2013 by Calc Open-Cased 090629  
 Charted by: Depth in Feet scaled 1:240

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6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3)	10		



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