



SUPERIOR
Hays,
Kansas

SONIC
LOG

Company		MULL DRILLING COMPANY, INC.	
Well		DAVID #1-16X	
Field			
County		NESS	
State		KANSAS	
Location:		APL # : 15-135-25239-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 5' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 16 TWP 17S RGE 23W		Elevation	
603' FSL & 599' FWL		K.B. 2426	
		D.F. 2424	
		G.L. 2421	
		CDL/CNL/PE	
		DIL/MEL	
Date	5/10/11		
Run Number	TWO		
Depth Driller	4550		
Depth Logger	4548		
Bottom Logged Interval	4541		
Top Log Interval	200		
Casing Driller	8 5/8" @ 220'		
Casing Logger	218		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 7500 PPM	
Density / Viscosity	9.3 / 54		
pH / Fluid Loss	10.0 / 11.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.65 @ 78F		
Rmf @ Meas. Temp	0.49 @ 78F		
Rmc @ Meas. Temp	0.78 @ 78F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	0.42 @ 121F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	121F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JEFF GRONEMEG		
Witnessed By	KEVIN KESSLER		

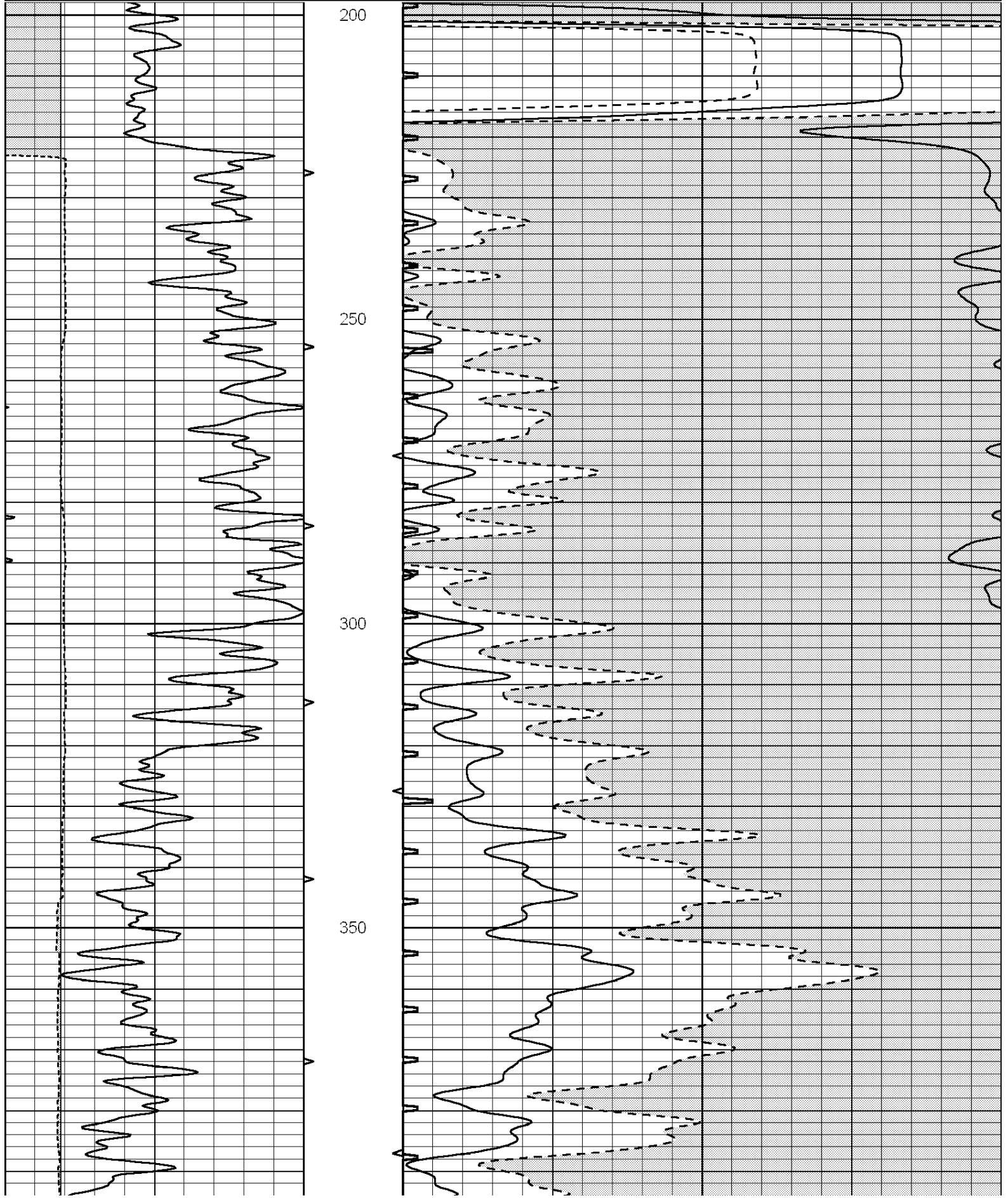
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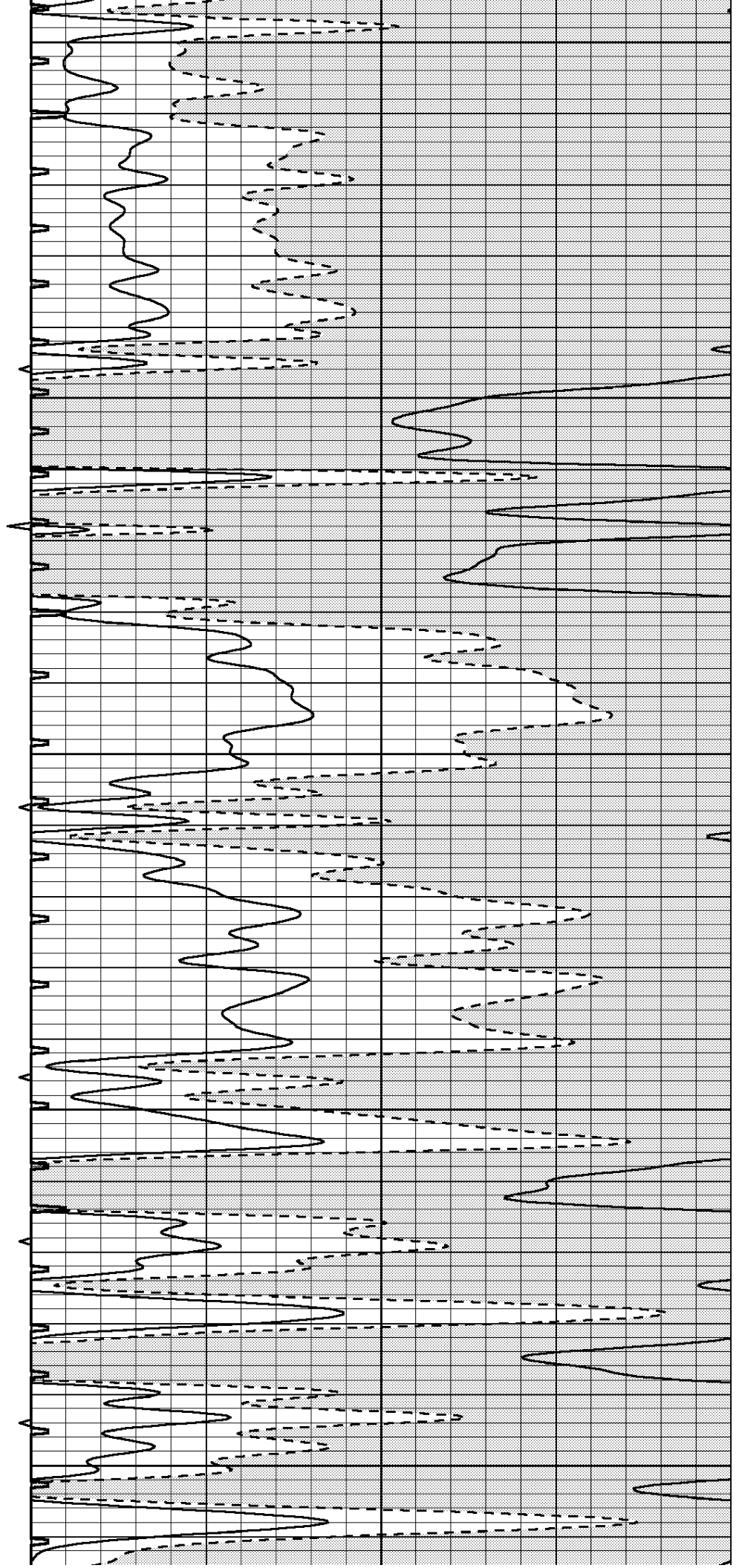
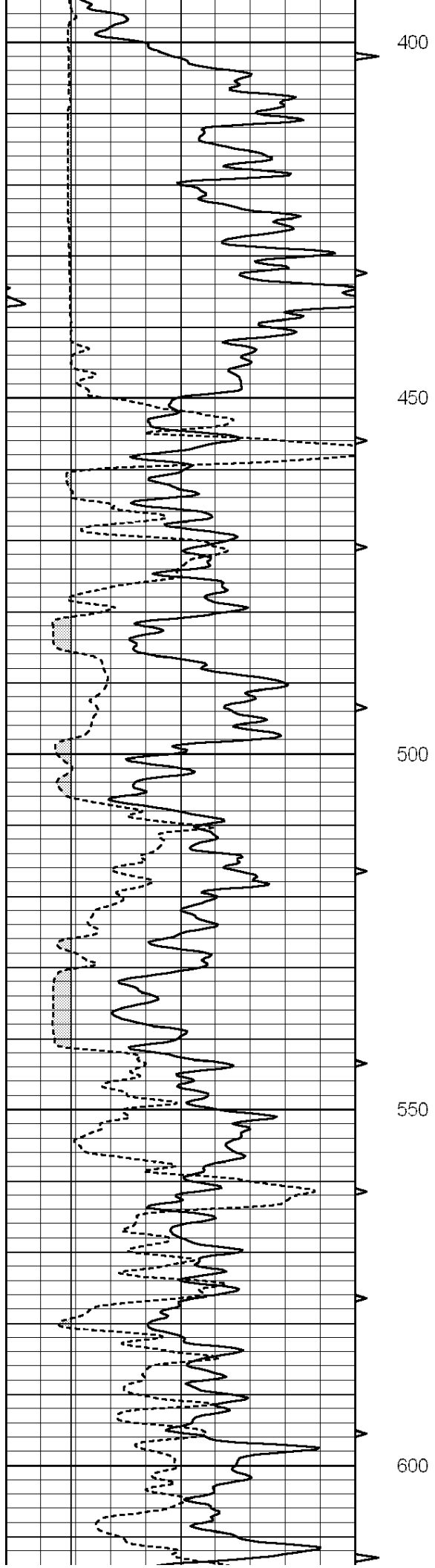
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

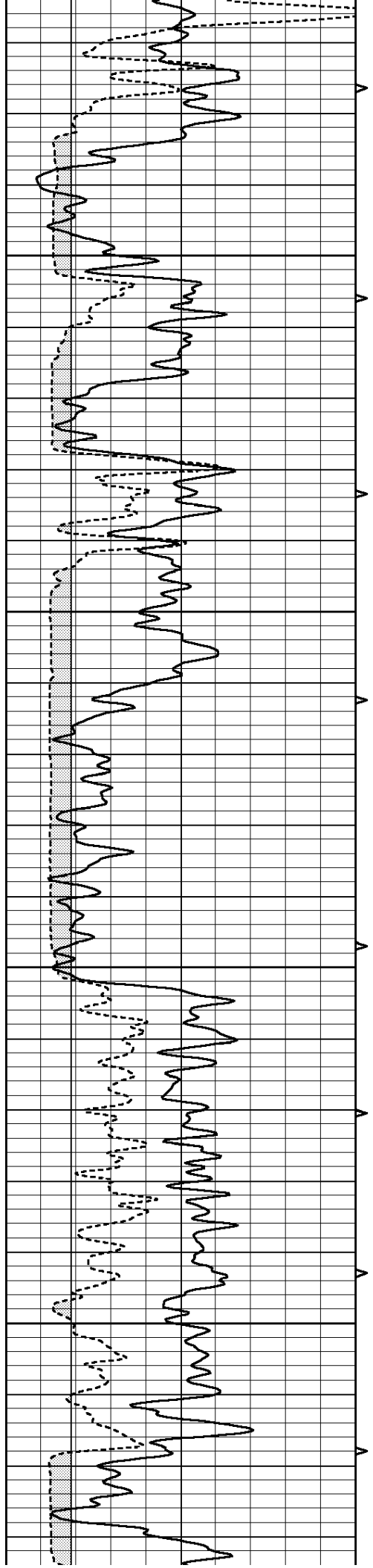
Comments

THANK YOU FOR USING SUPERIOR WELL SERVICE (785) 628-6395
DIRECTIONS
INTERSECTION OF HWY 4 & 283 - 5 MILES SOUTH TO RD 210 - 1.1 MILES EAST
NORTH INTO

Charted by:		Depth in feet scaled 1:2 is				
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
			TBHV	0	ITT (msec)	20
			0 (ft3) 10			





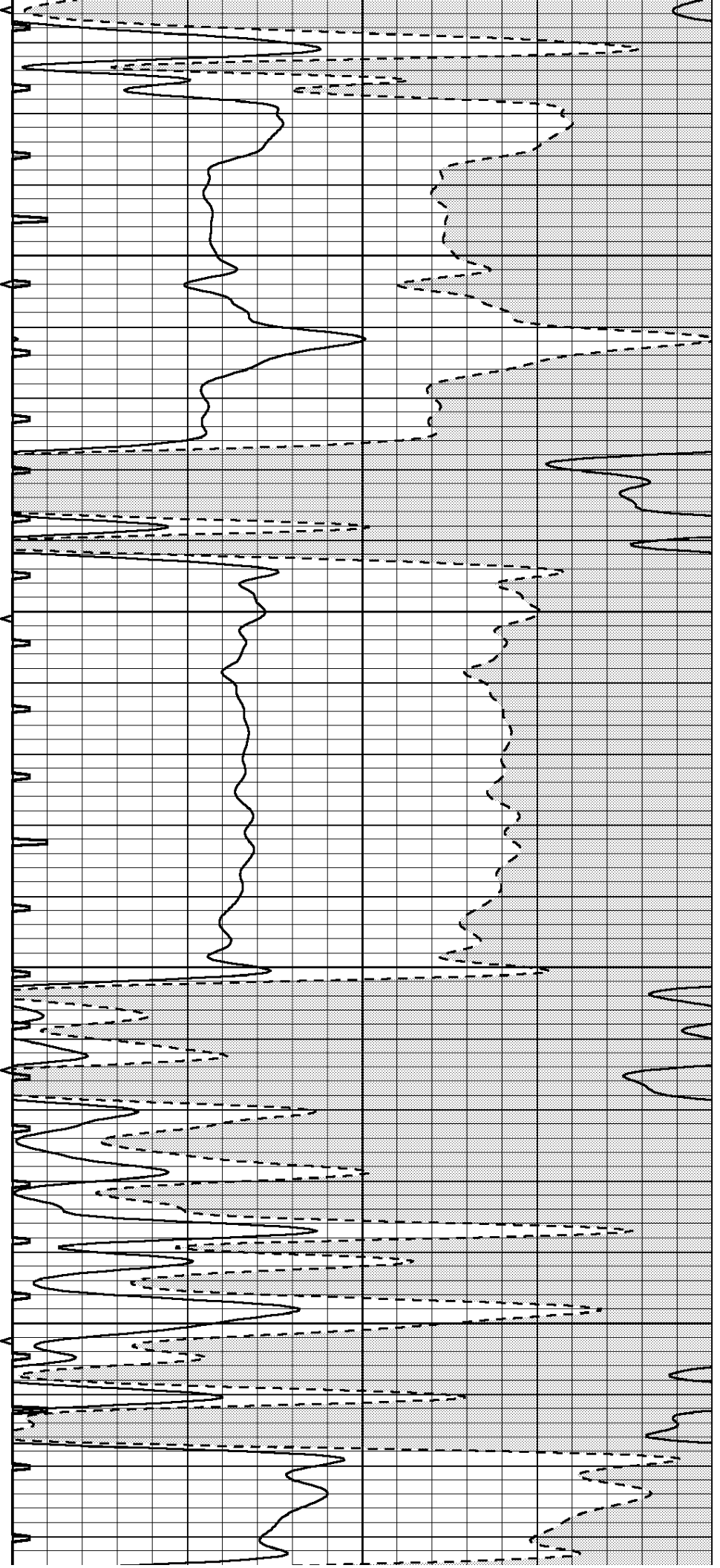


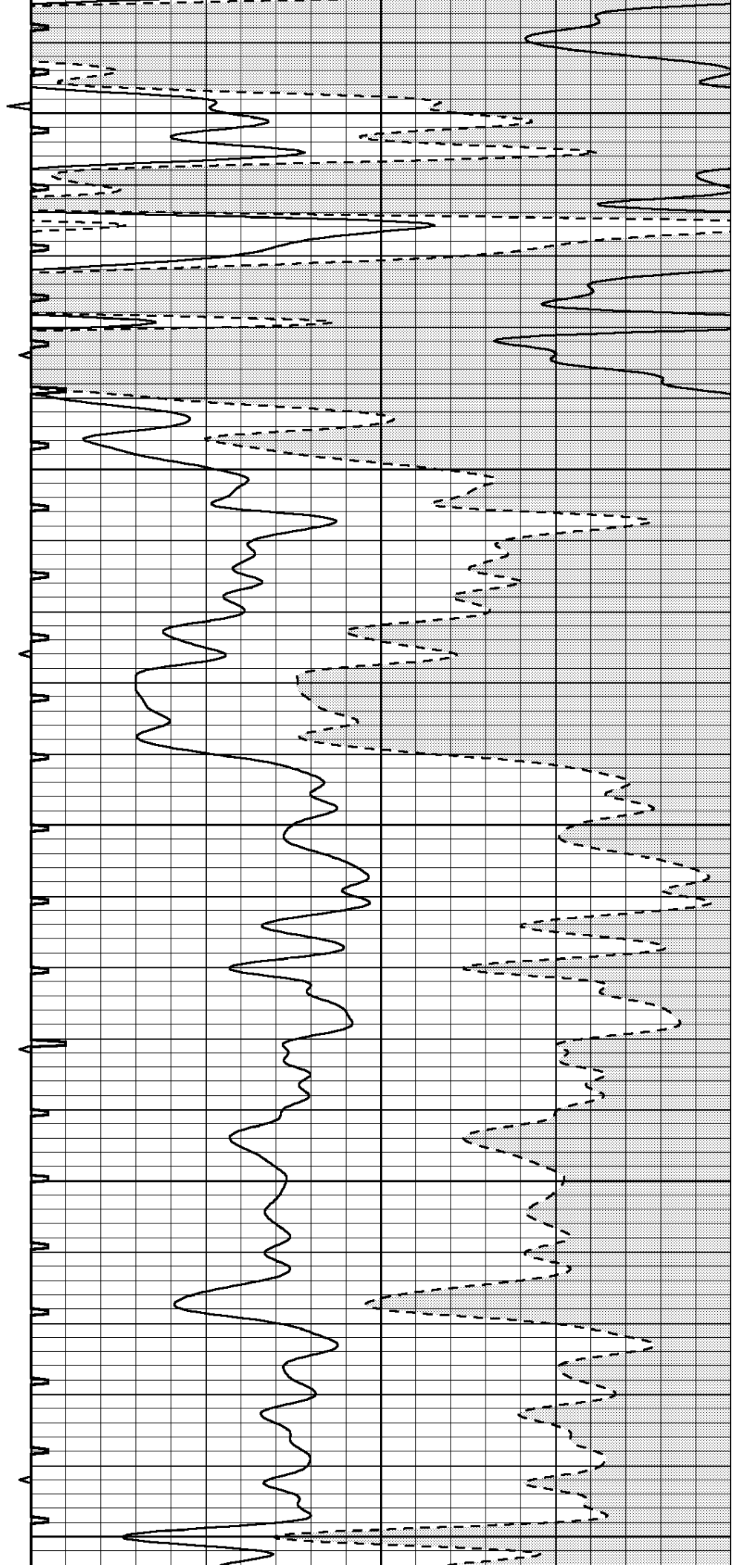
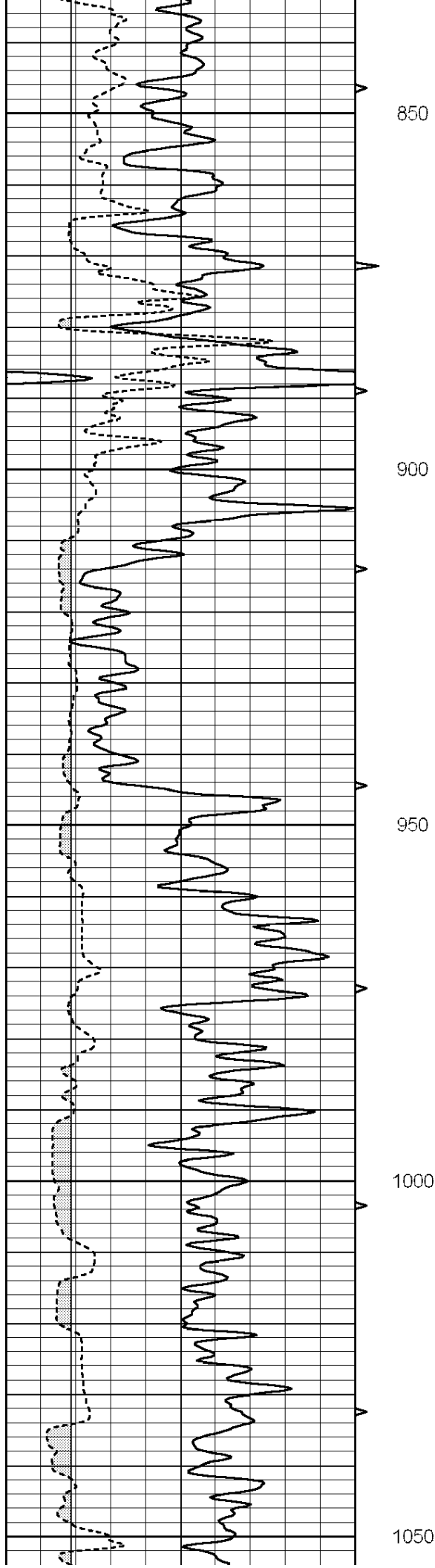
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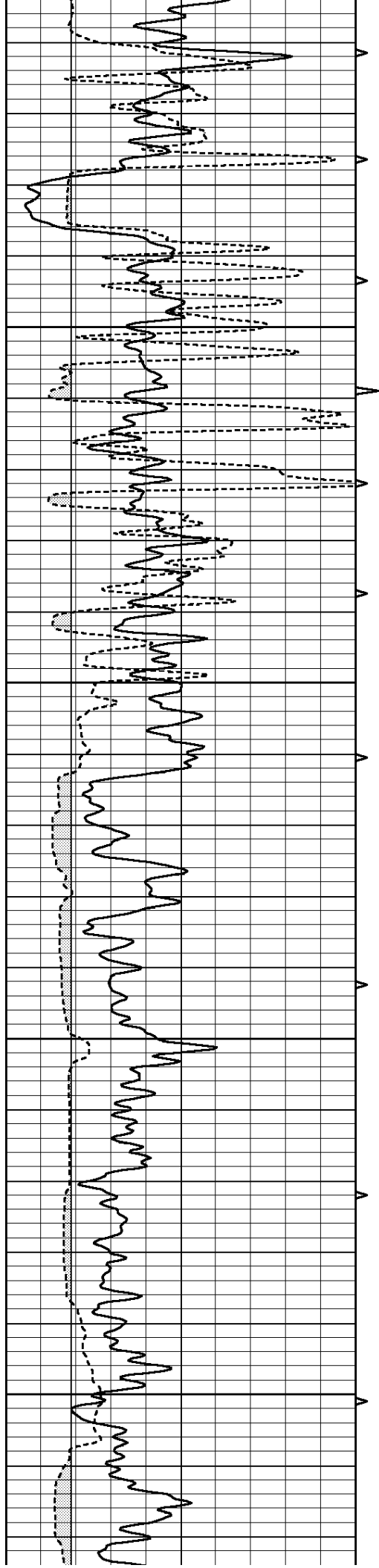
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750

800





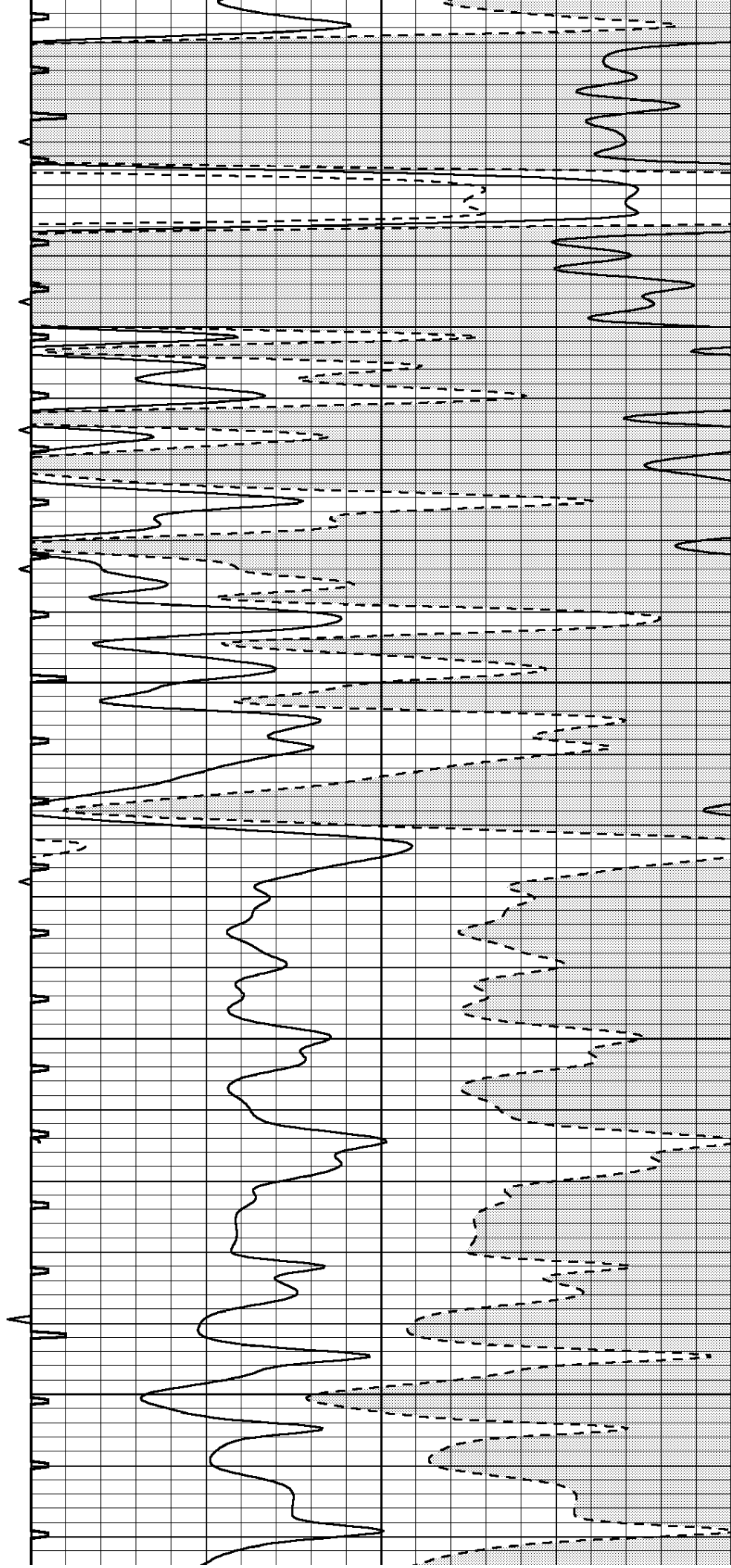


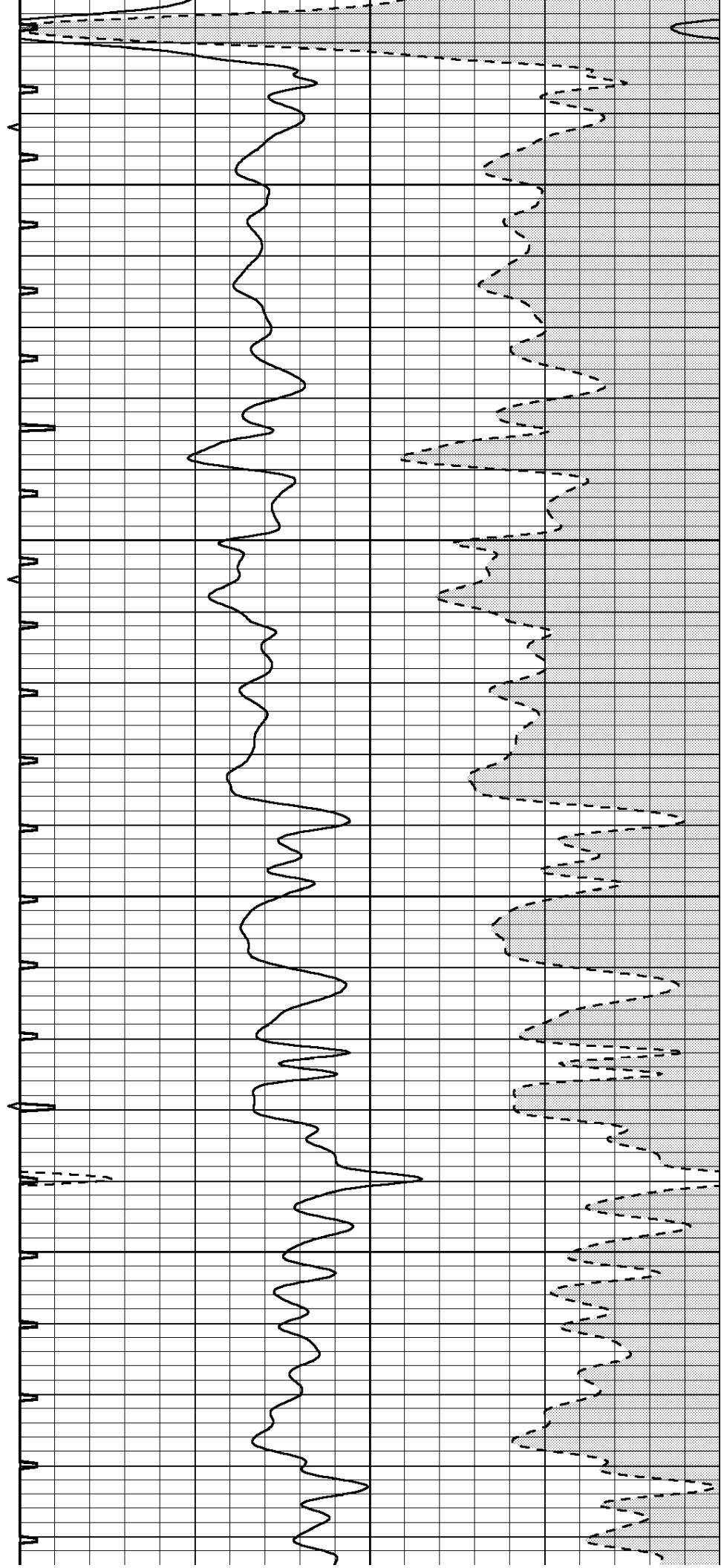
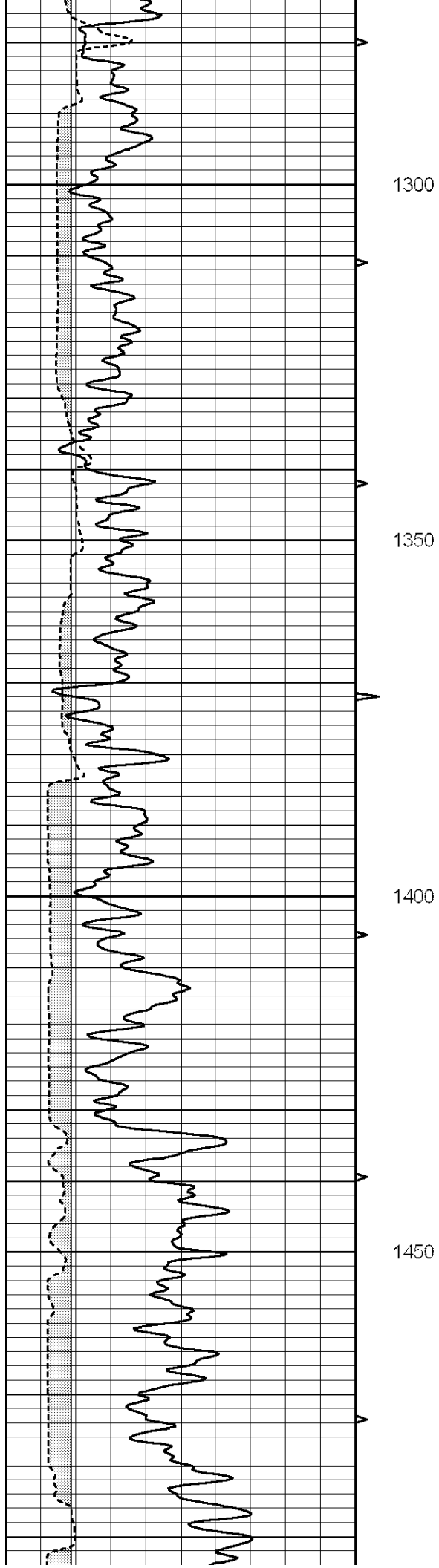
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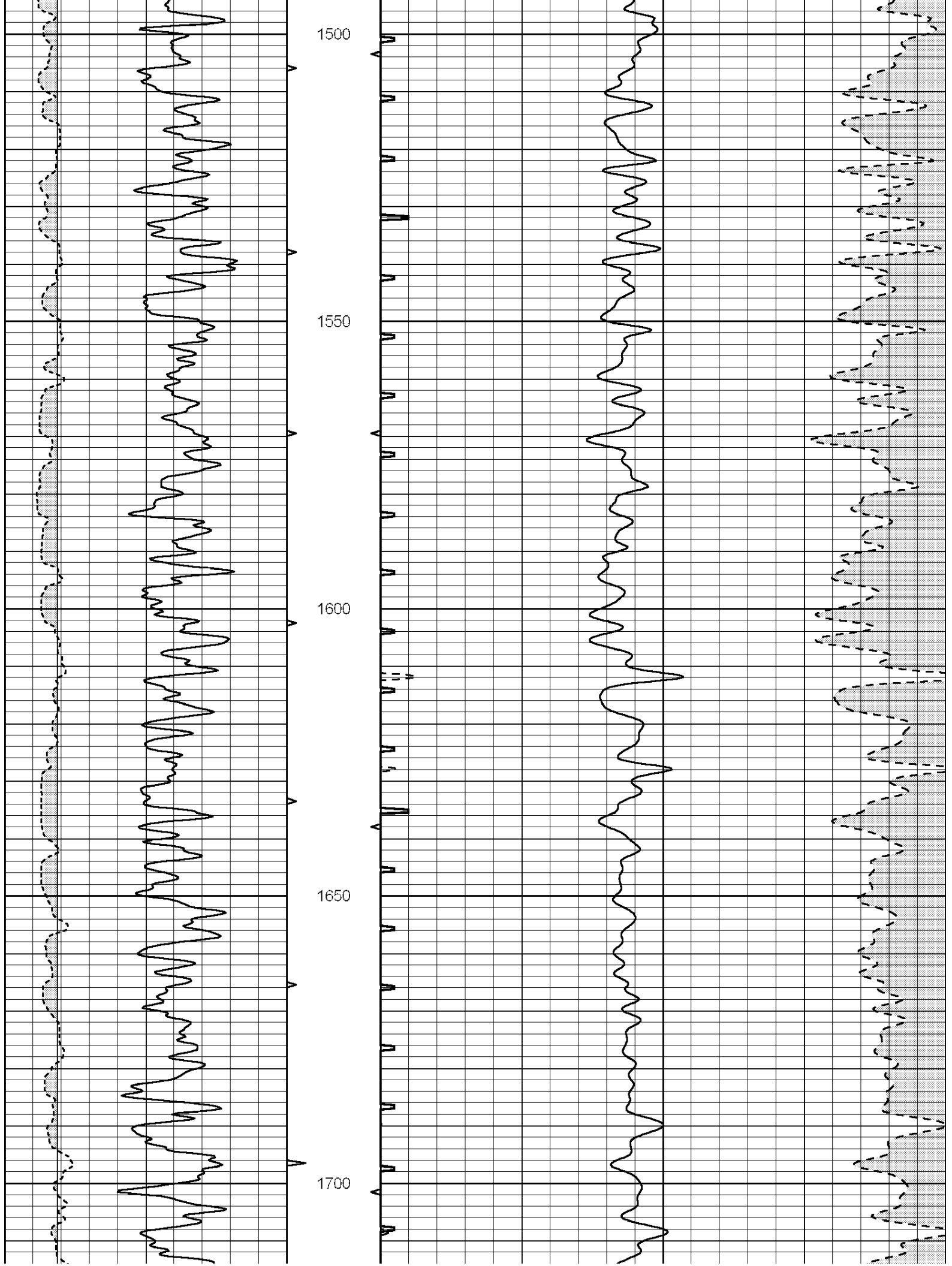
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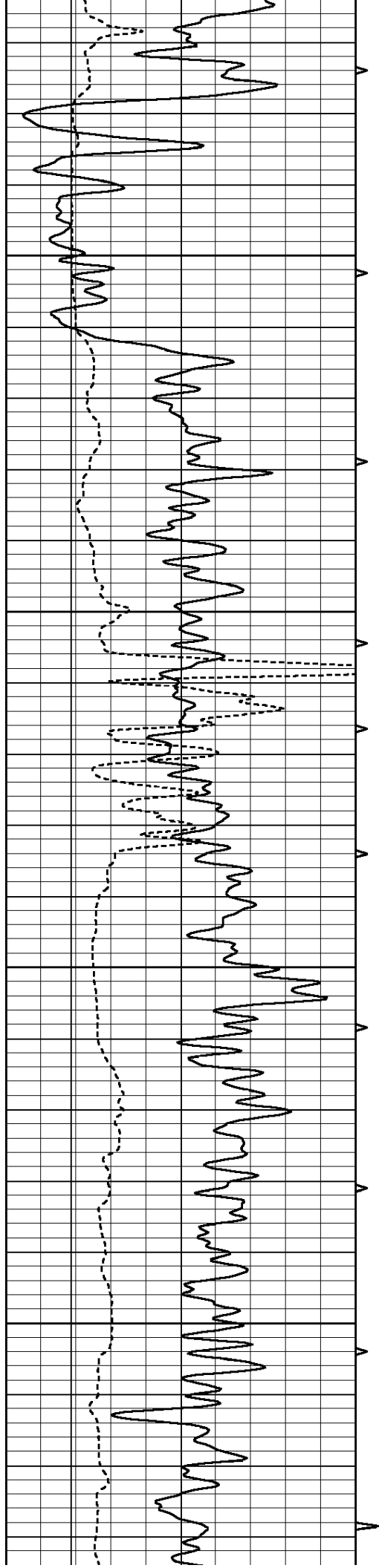
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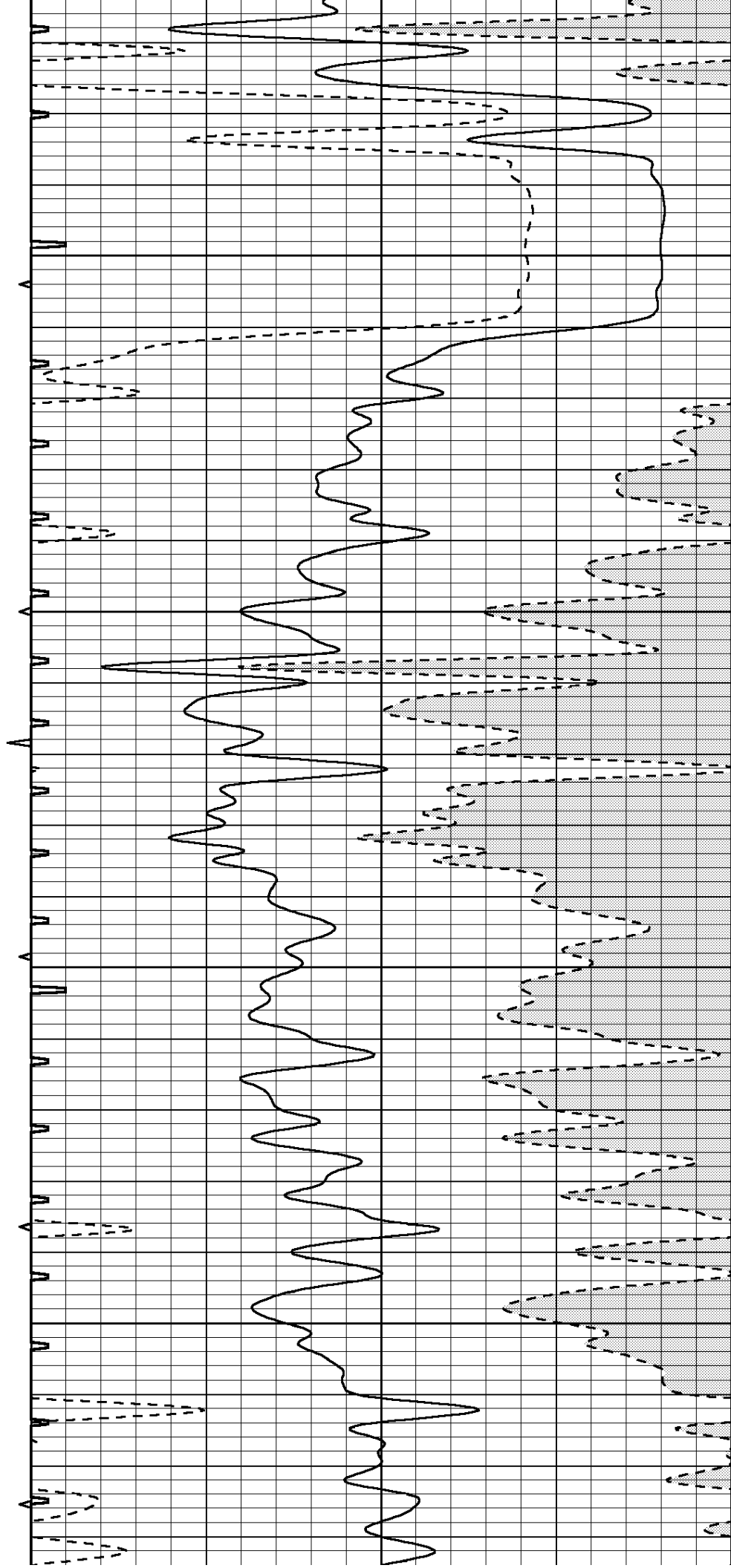


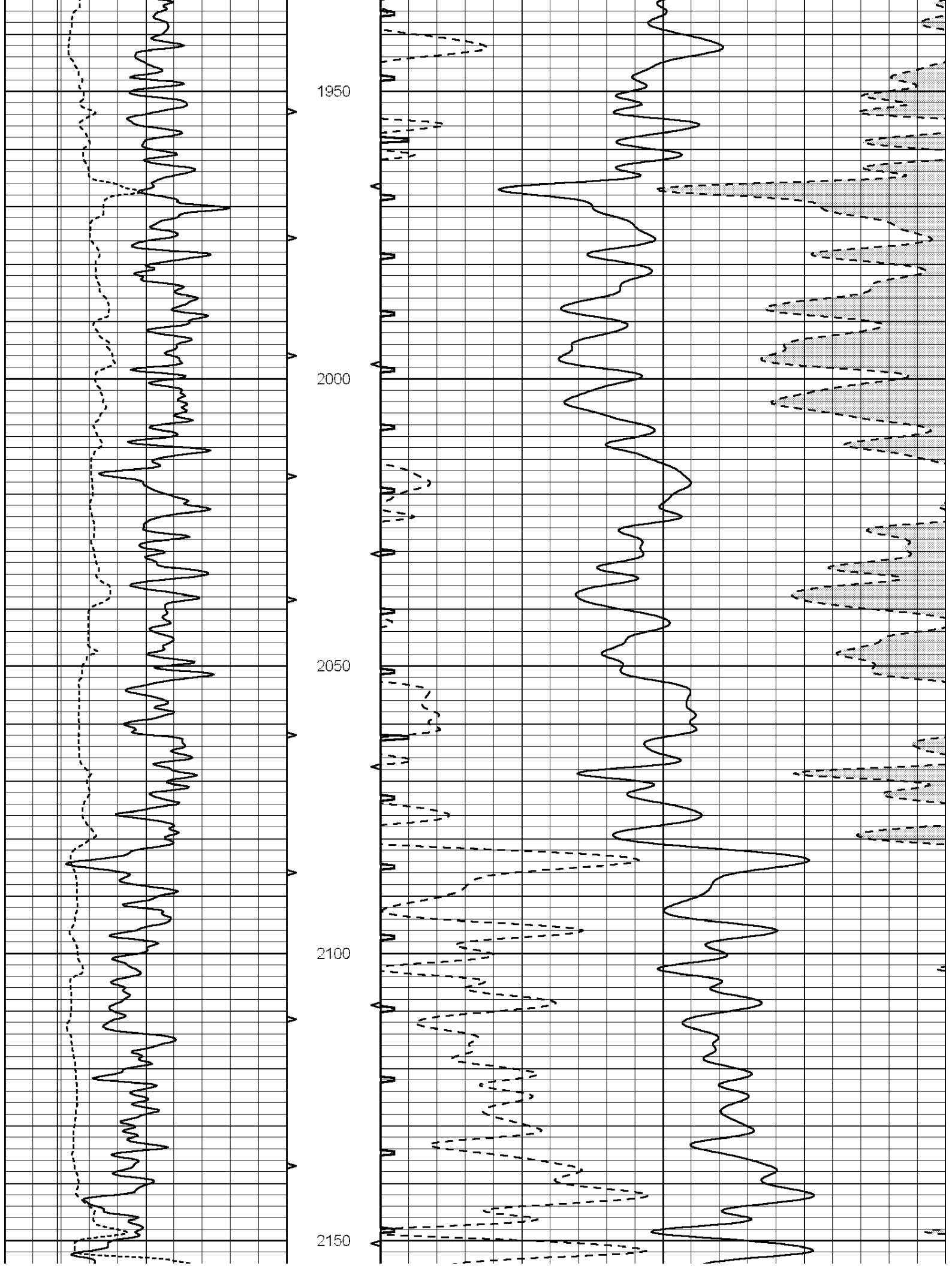
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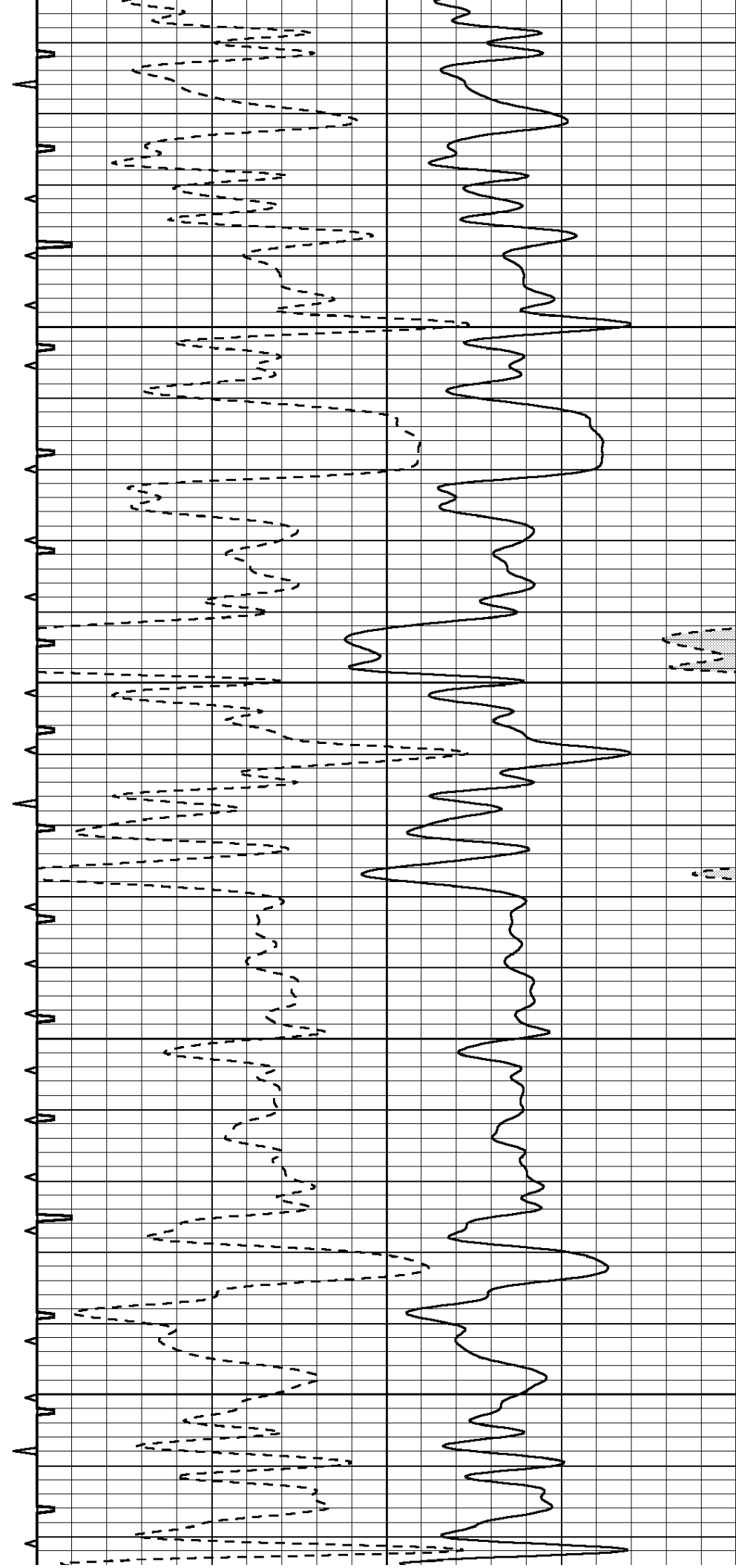
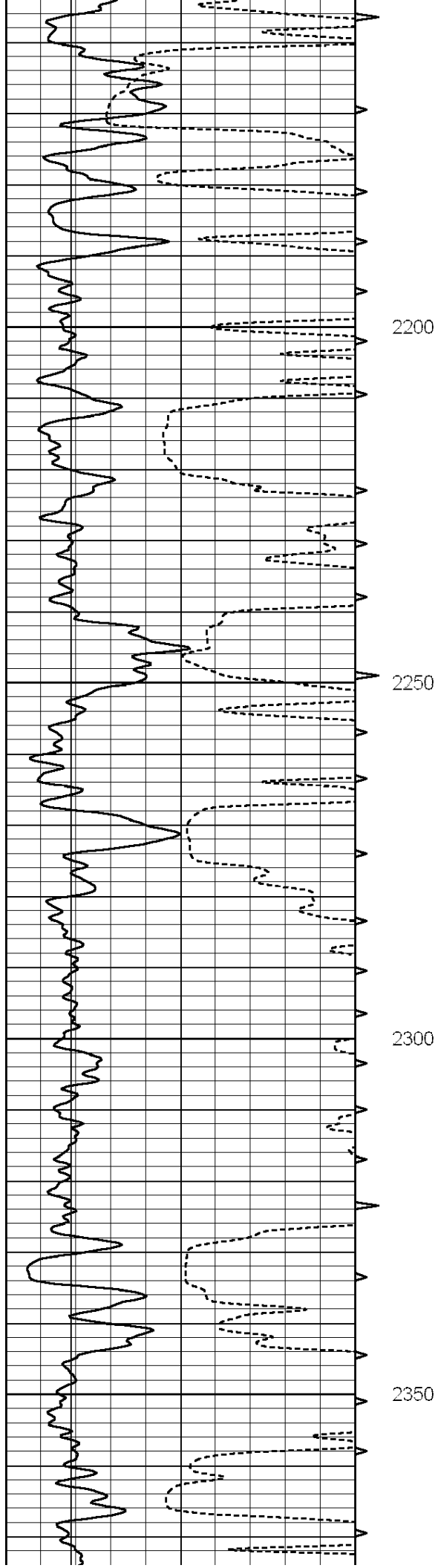
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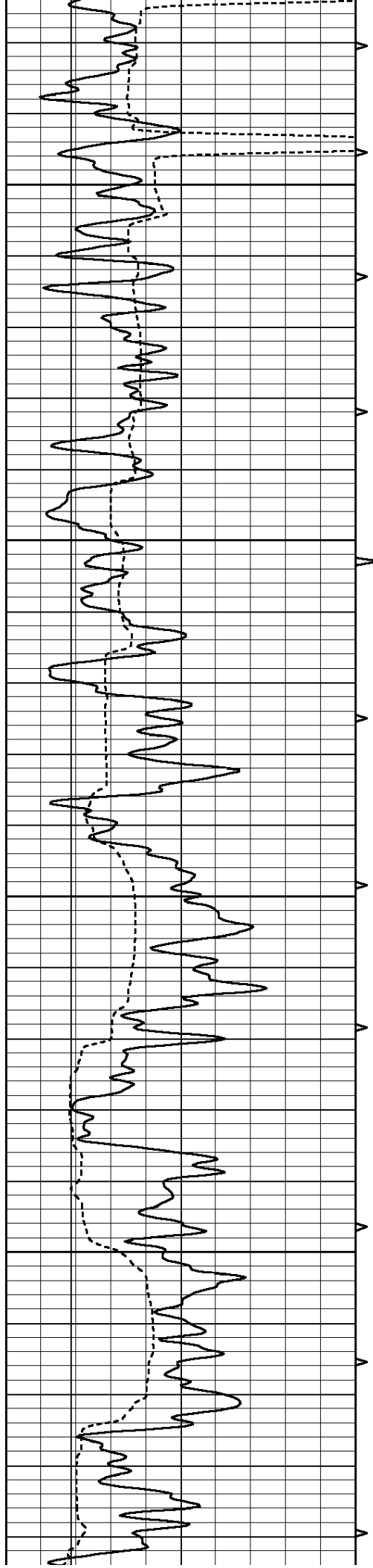
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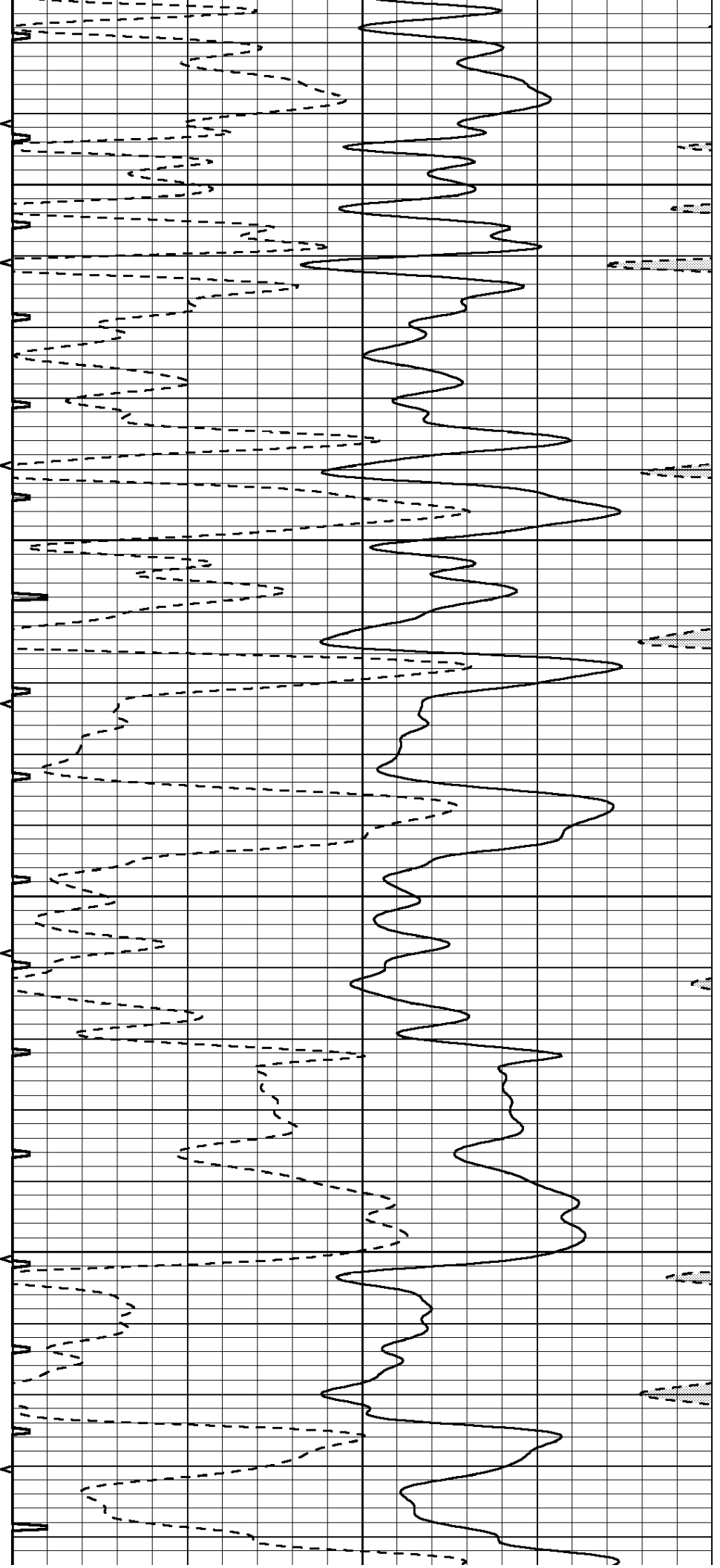


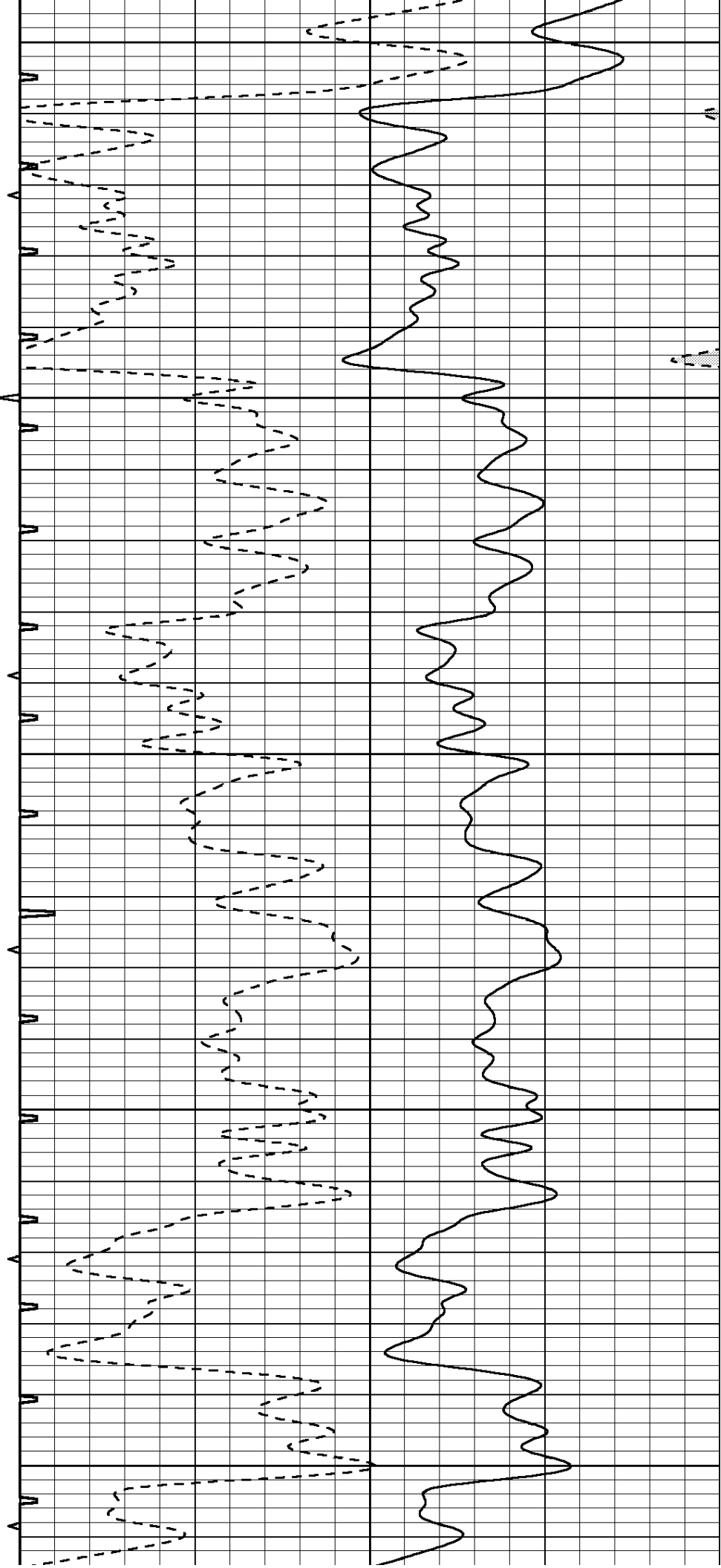
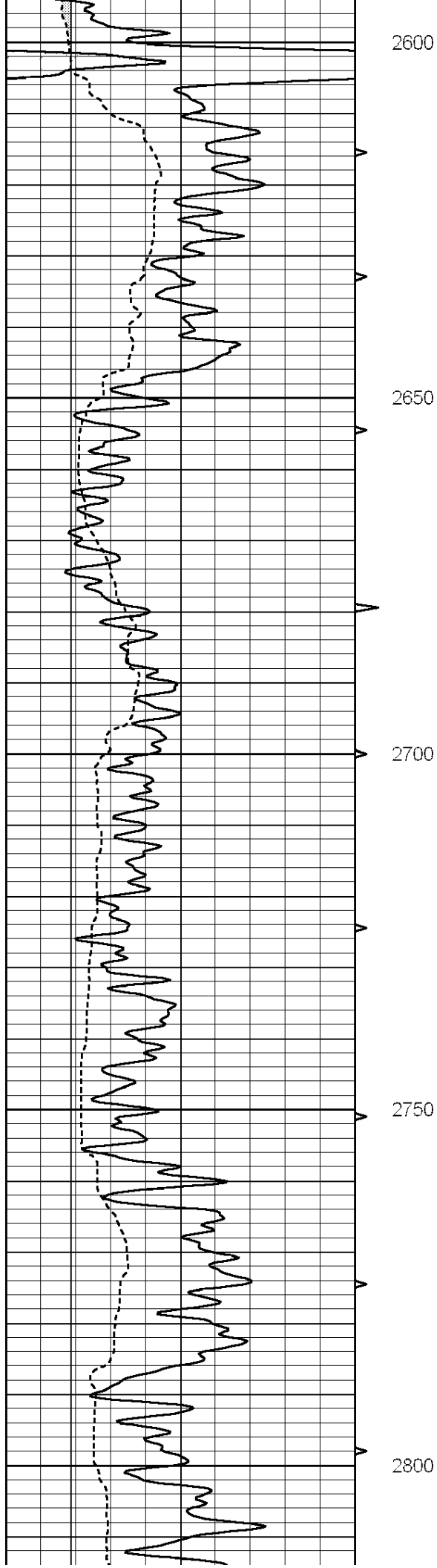
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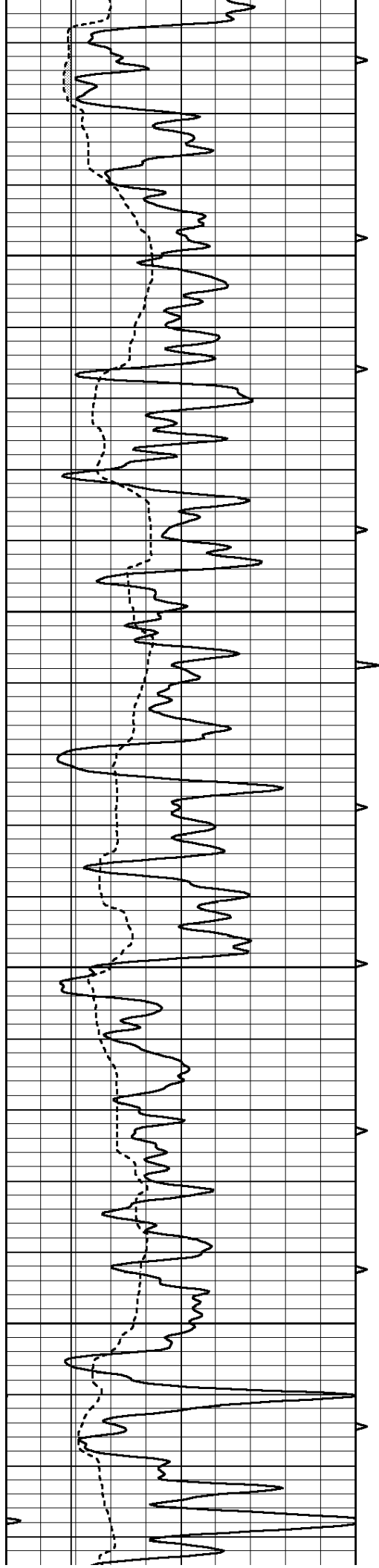
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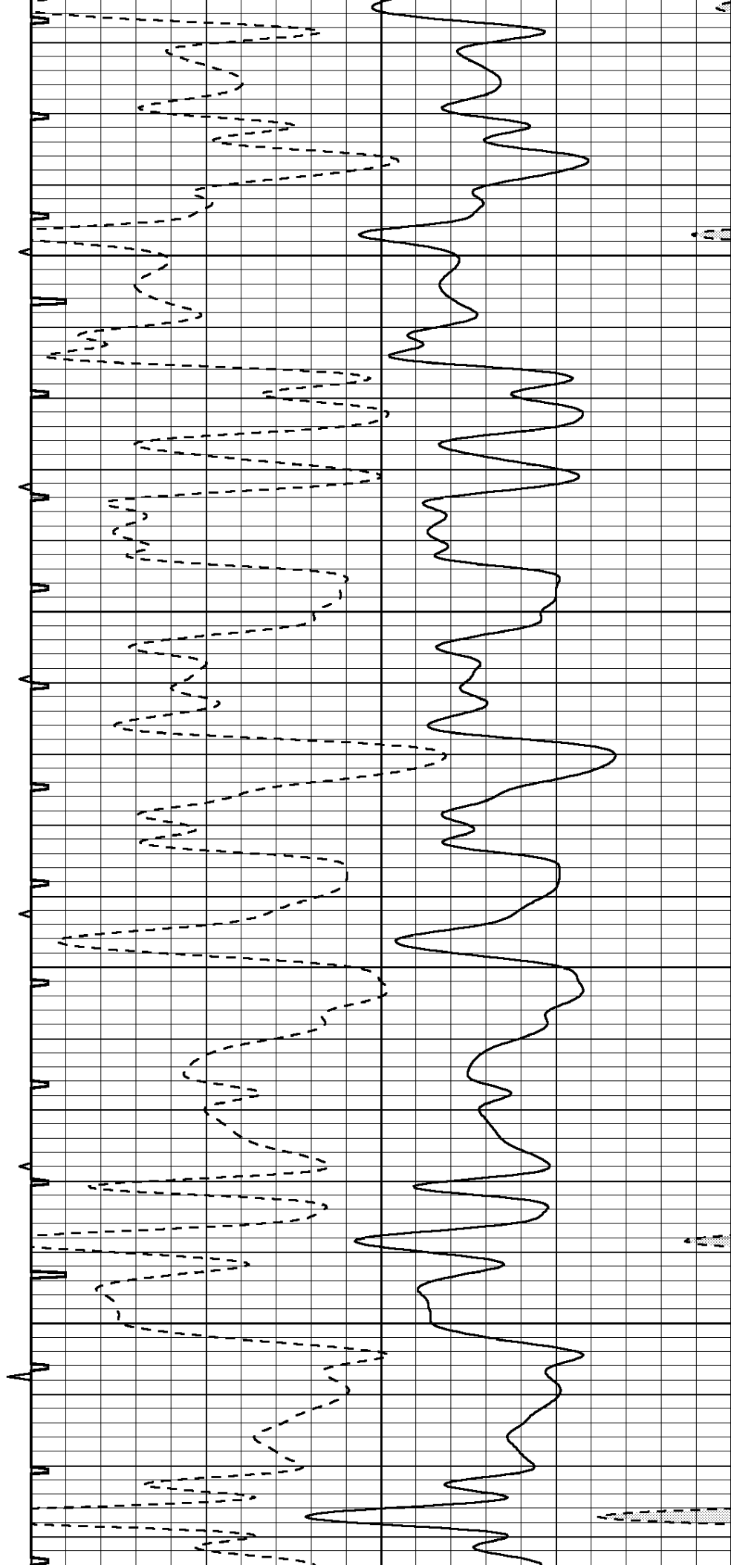


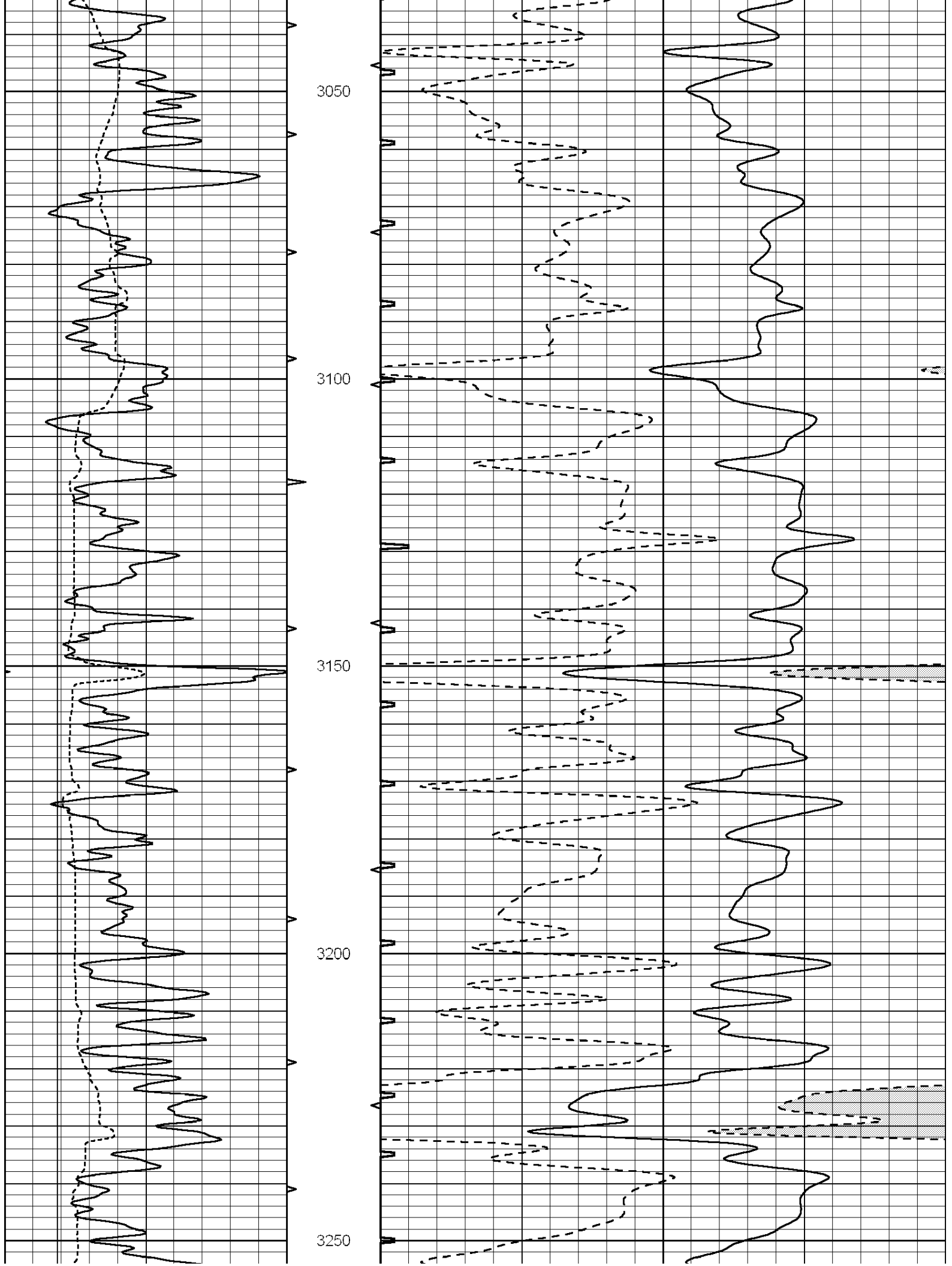
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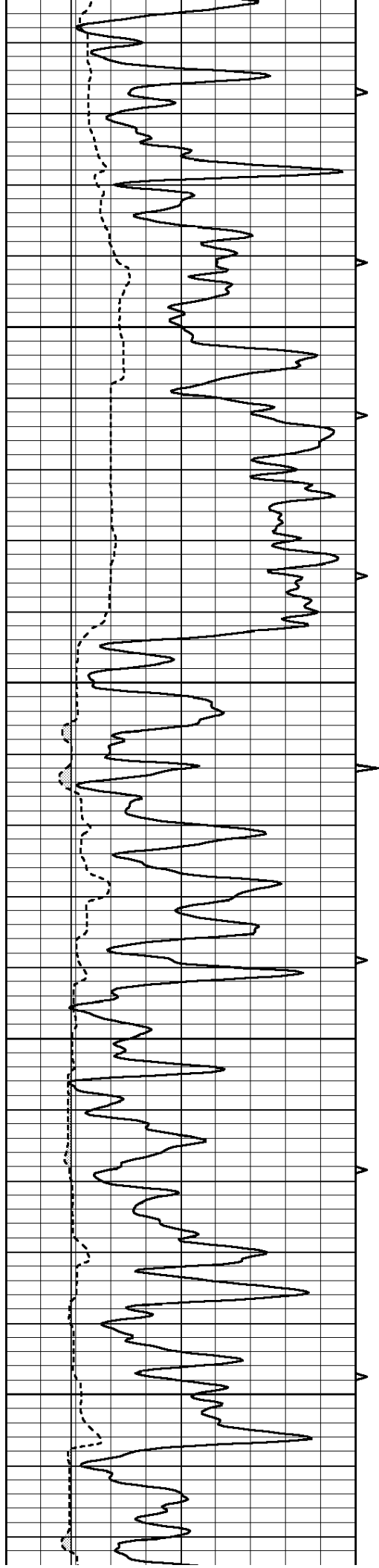
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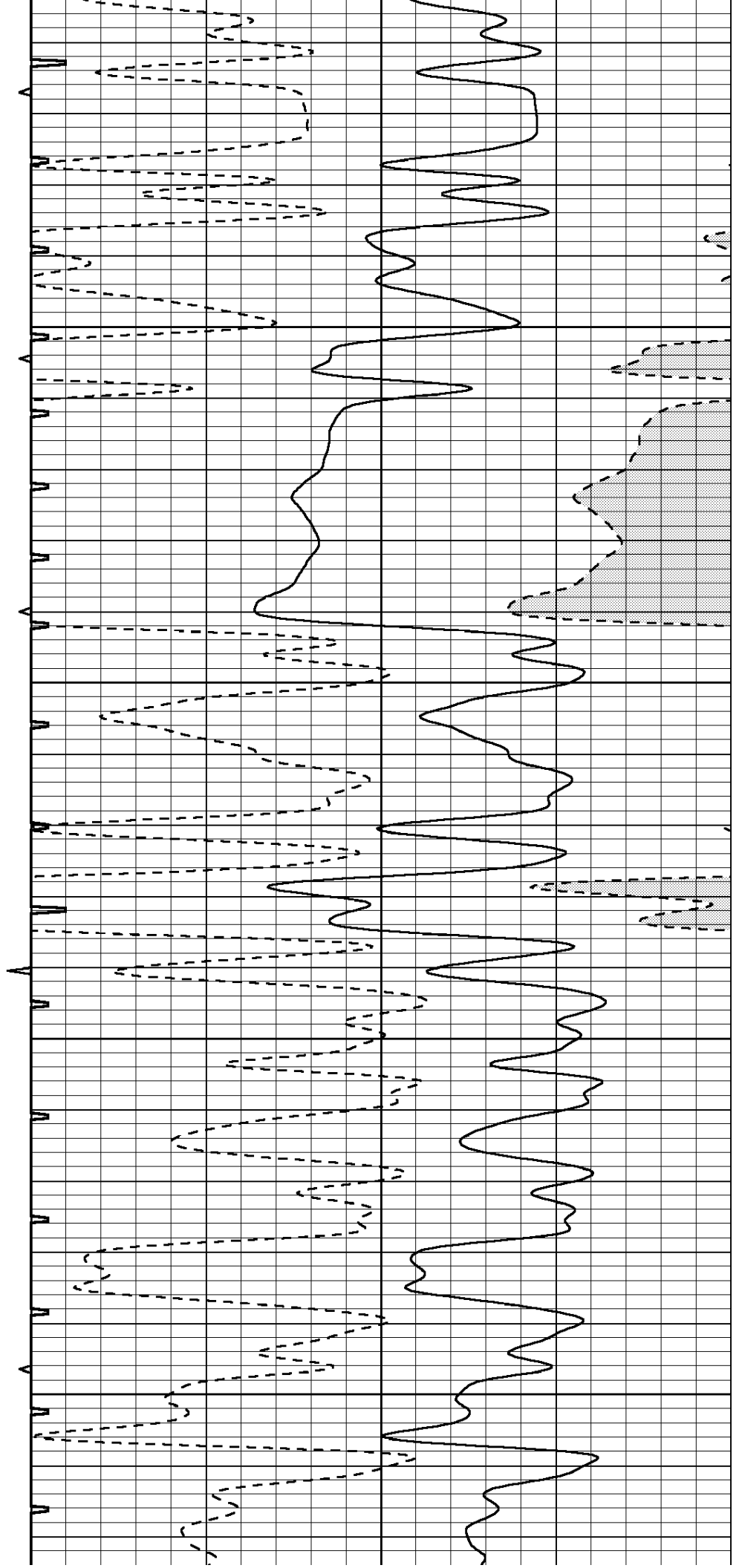


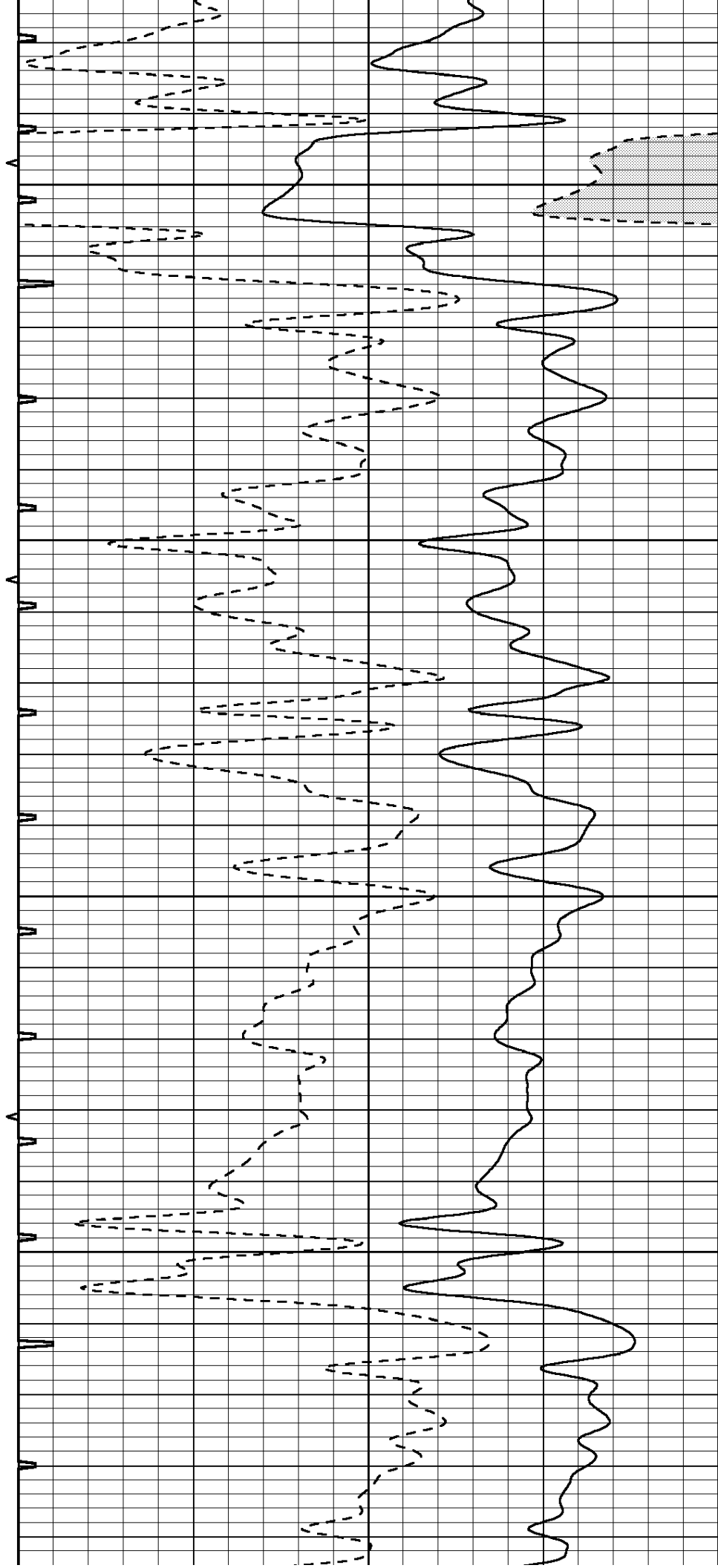
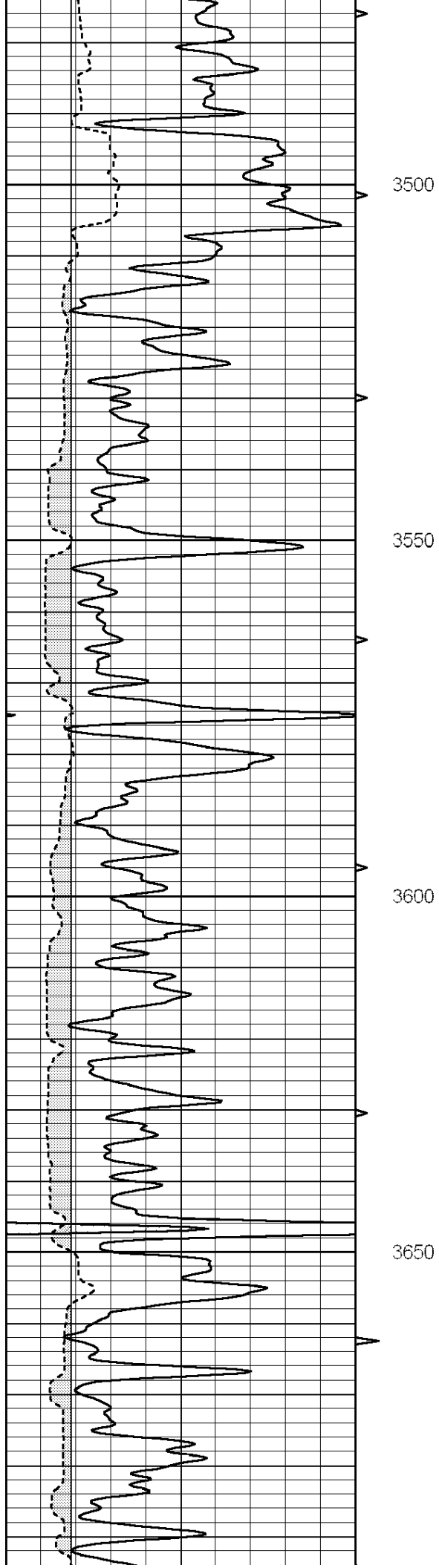
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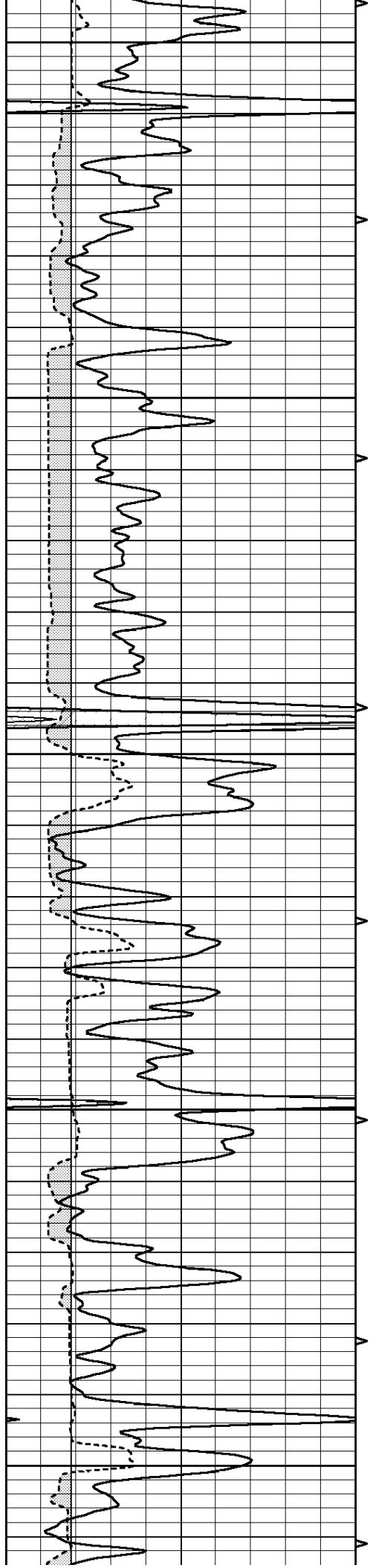
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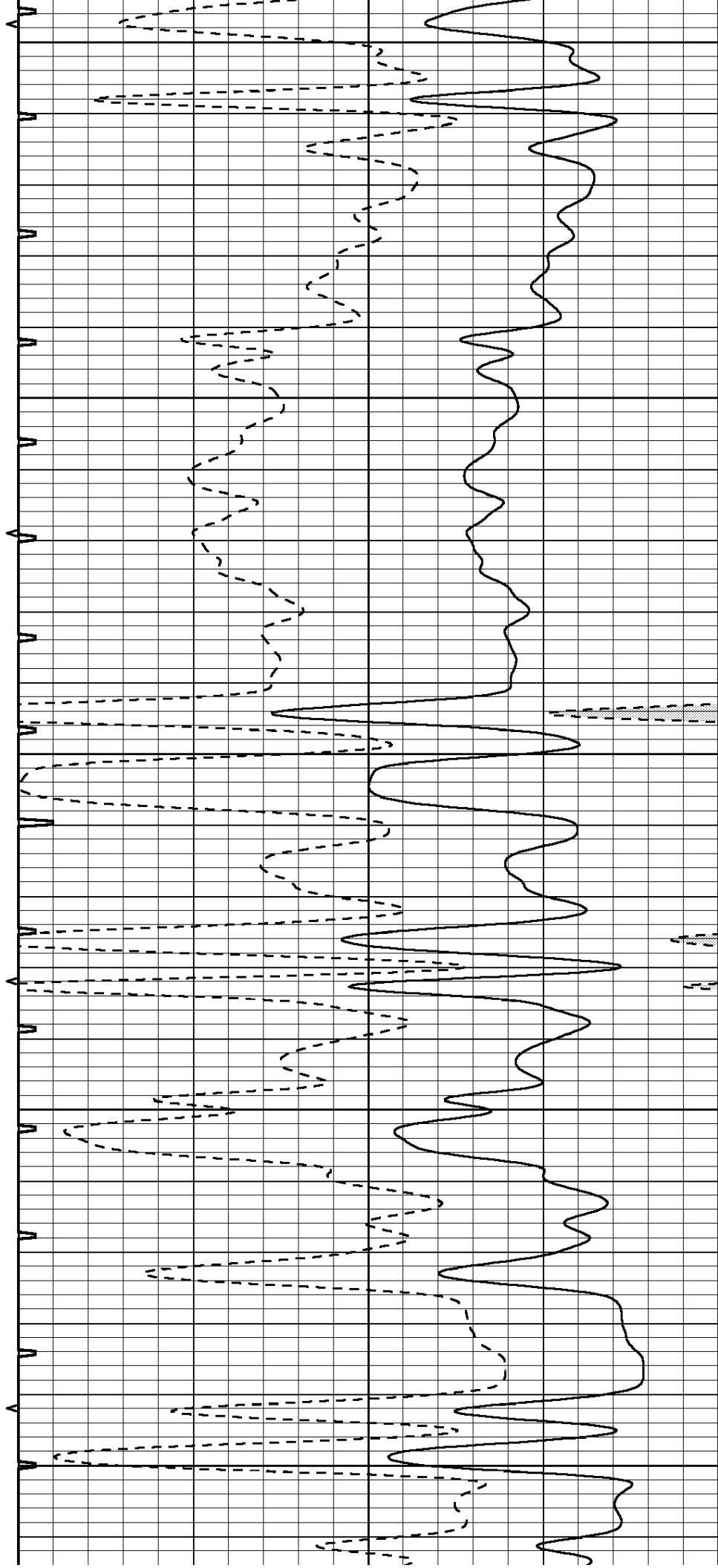
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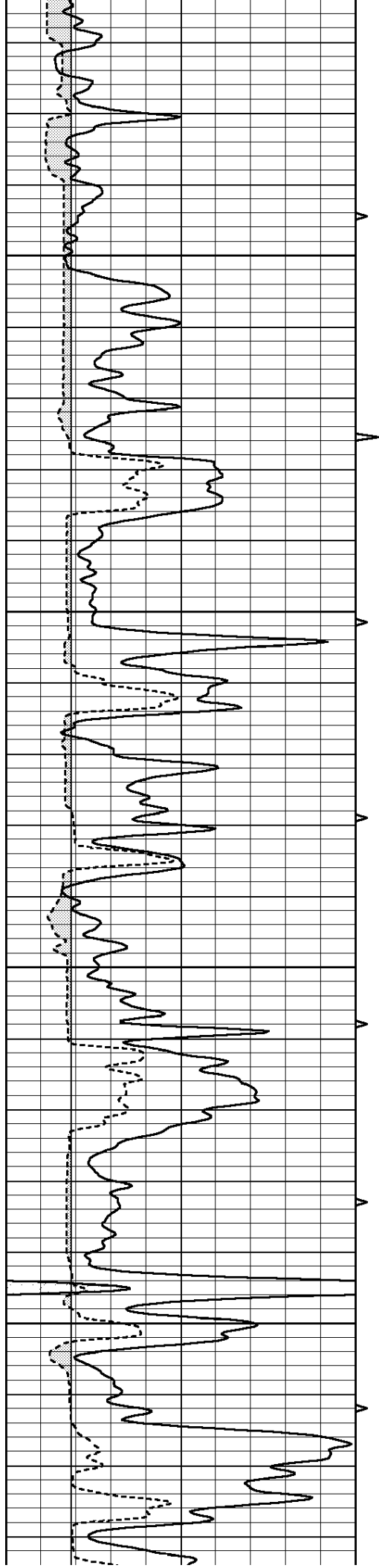
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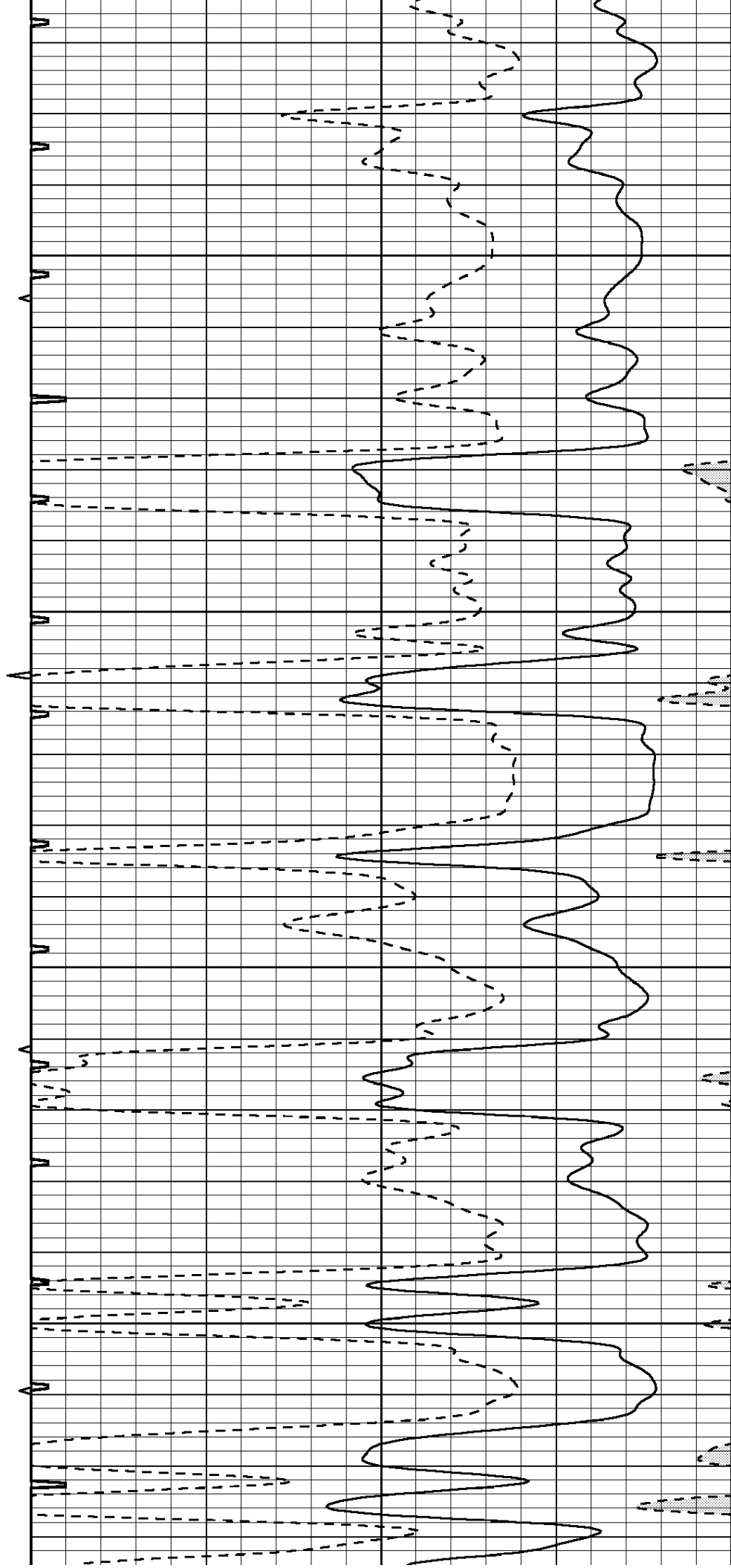


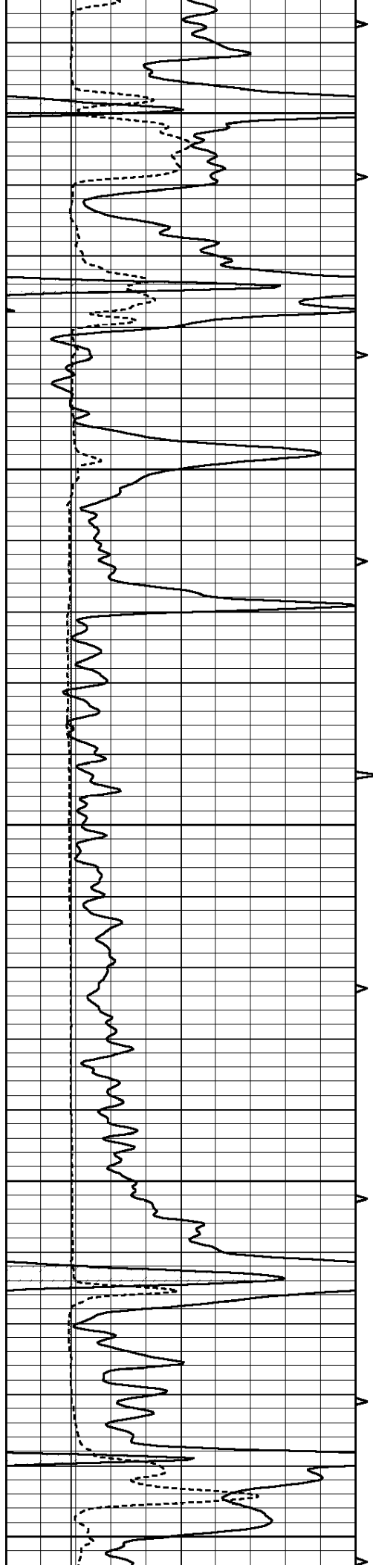
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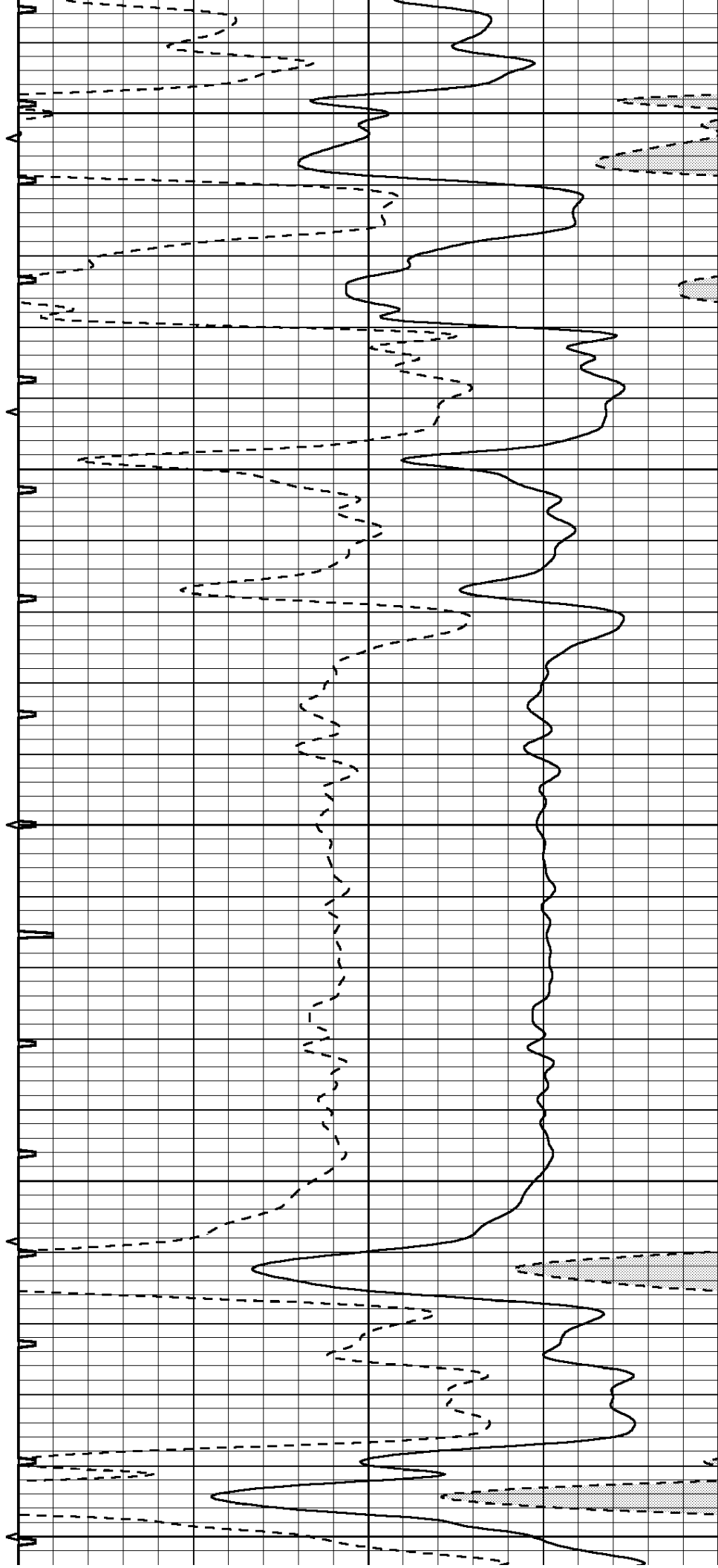
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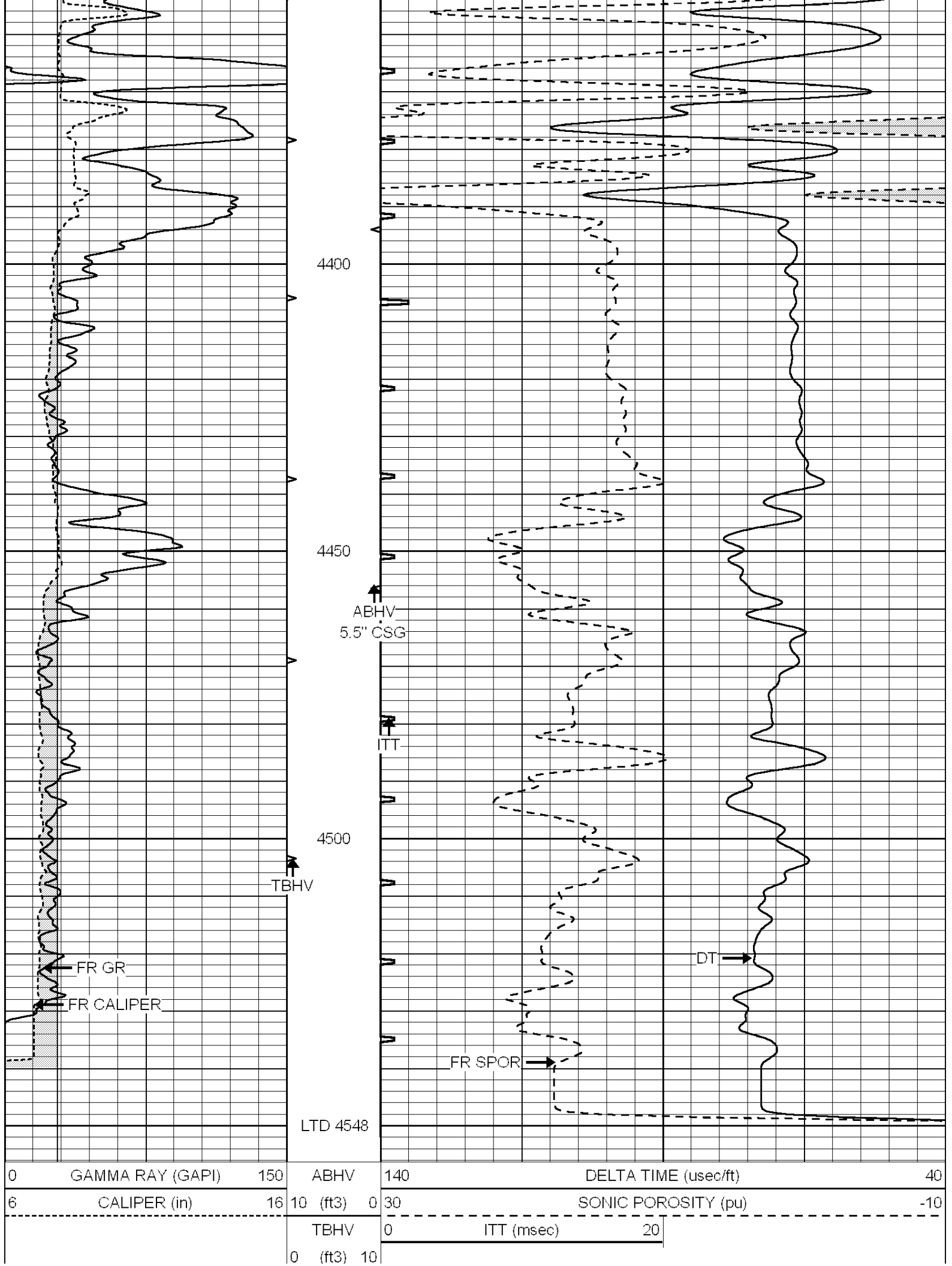
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4350







SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 007075pe.db
Dataset Pathname: pass5.1
Presentation Format: _slt
Dataset Creation: Tue May 10 23:51:57 2011 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
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
			TBHV	0	ITT (msec)	20
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