



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

SONIC LOG

Company		IA OPERATING, INC	
Well		SONDE 15-1	
Field		UNNAMED	
County		FINNEY	
State		KANSAS	
Location:		API # : 15-055-22180 SE NE NE NE 354' FNL & 124' FEL	
Permanent Datum Log Measured From Drilling Measured From		GROUND LEVEL KELLY BUSHING 11' A.G.L. KELLY BUSHING	
SEC 15 TWP 22S RGE 31W		Elevation K.B. 2906 D.F. 2904 G.L. 2895	
Date	OCTOBER 17, 2012		
Run Number	ONE		
Depth Driller	5035		
Depth Logger	5029		
Bottom Logged Interval	5015		
Top Log Interval	300		
Casing Driller	8 5/8" @ 348		
Casing Logger	347		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.4/62		
pH / Fluid Loss	9.5/7.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.1 @ 62F		
Rmf @ Meas. Temp	.82 @ 62F		
Rmc @ Meas. Temp	1.32 @ 62F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.54 @ 125F		
Time Circulation Stopped	4 HOURS		
Time Logger on Bottom	2:00 PM		
Maximum Recorded Temperature	125F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	MIKE GARRISON		
Witnessed By	TERRY MCLEOD		

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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
 SCOTT CITY, 22 SOUTH TO TENNIS RD, 9 EAST, 1 SOUTH, 1/2 EAST, SOUTH INTO

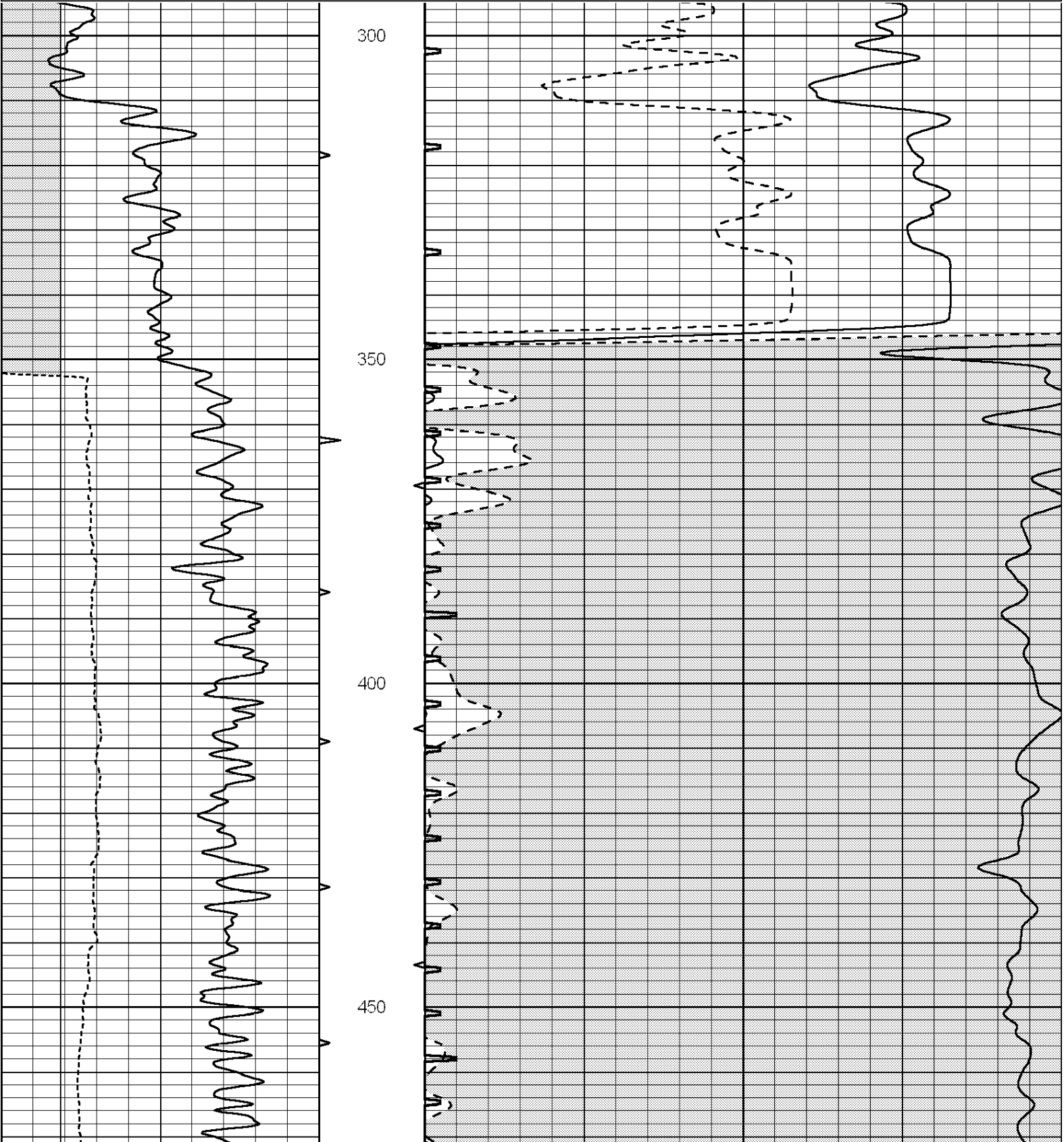


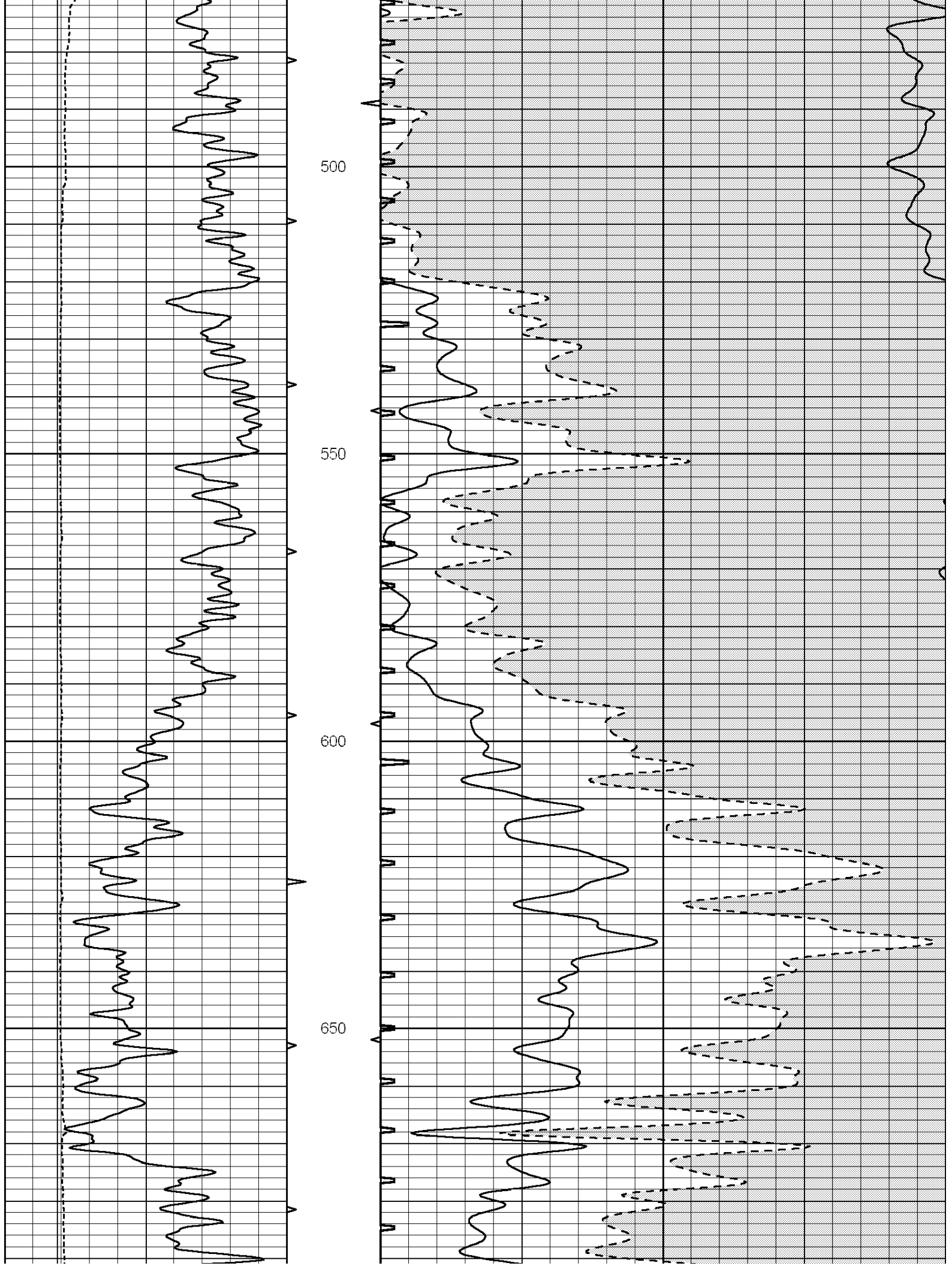
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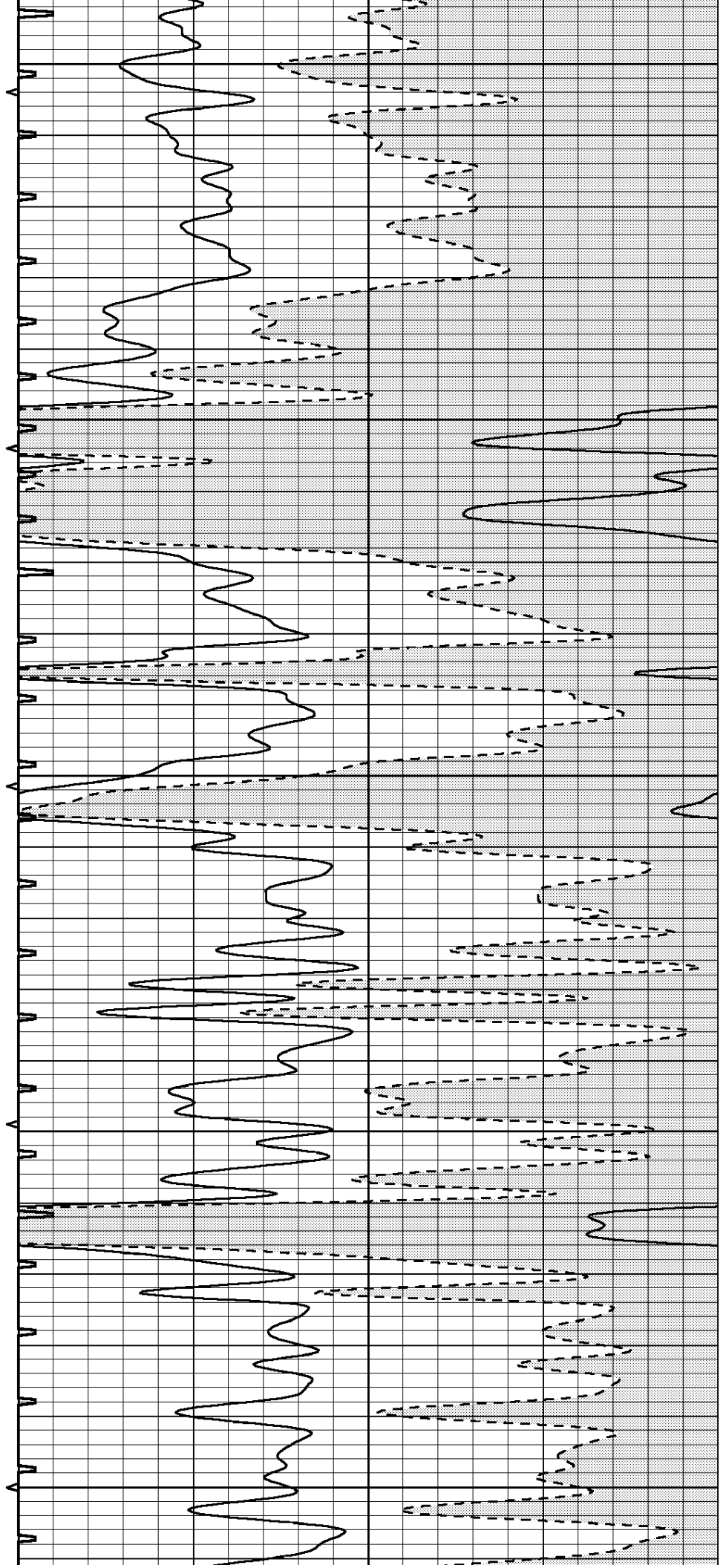
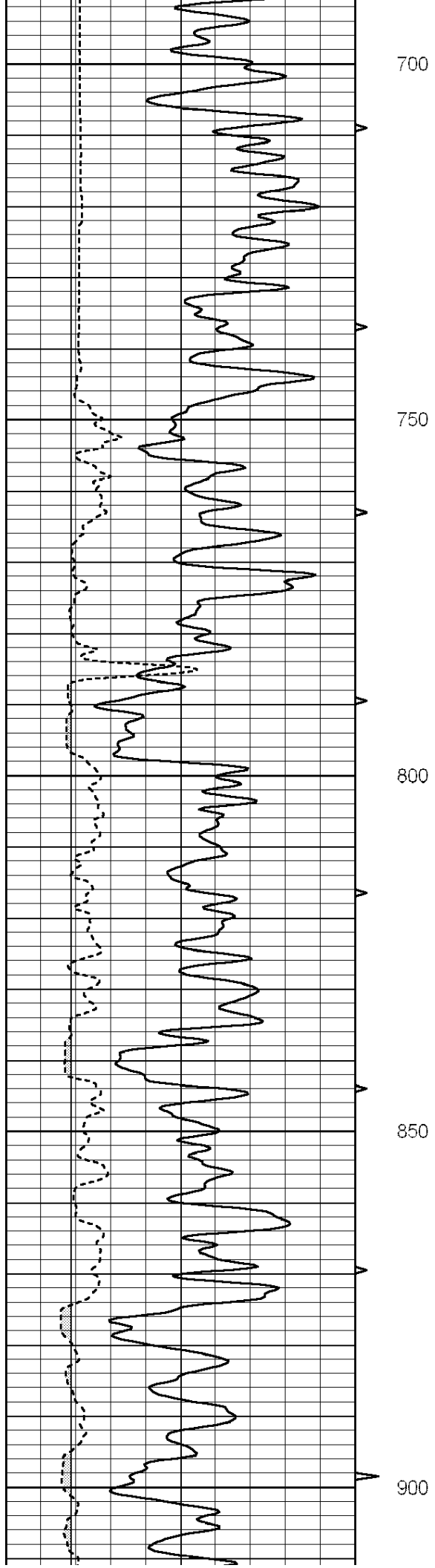
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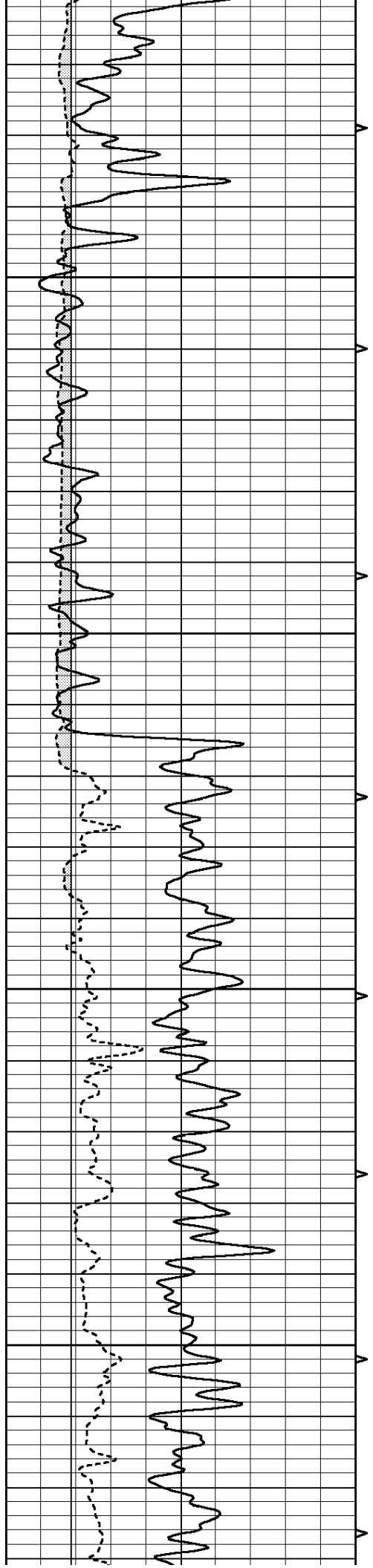
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Presentation Format: _slt
Dataset Creation: Wed Oct 17 18:24:55 2012
Charted by: Depth in Feet scaled 1:240

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







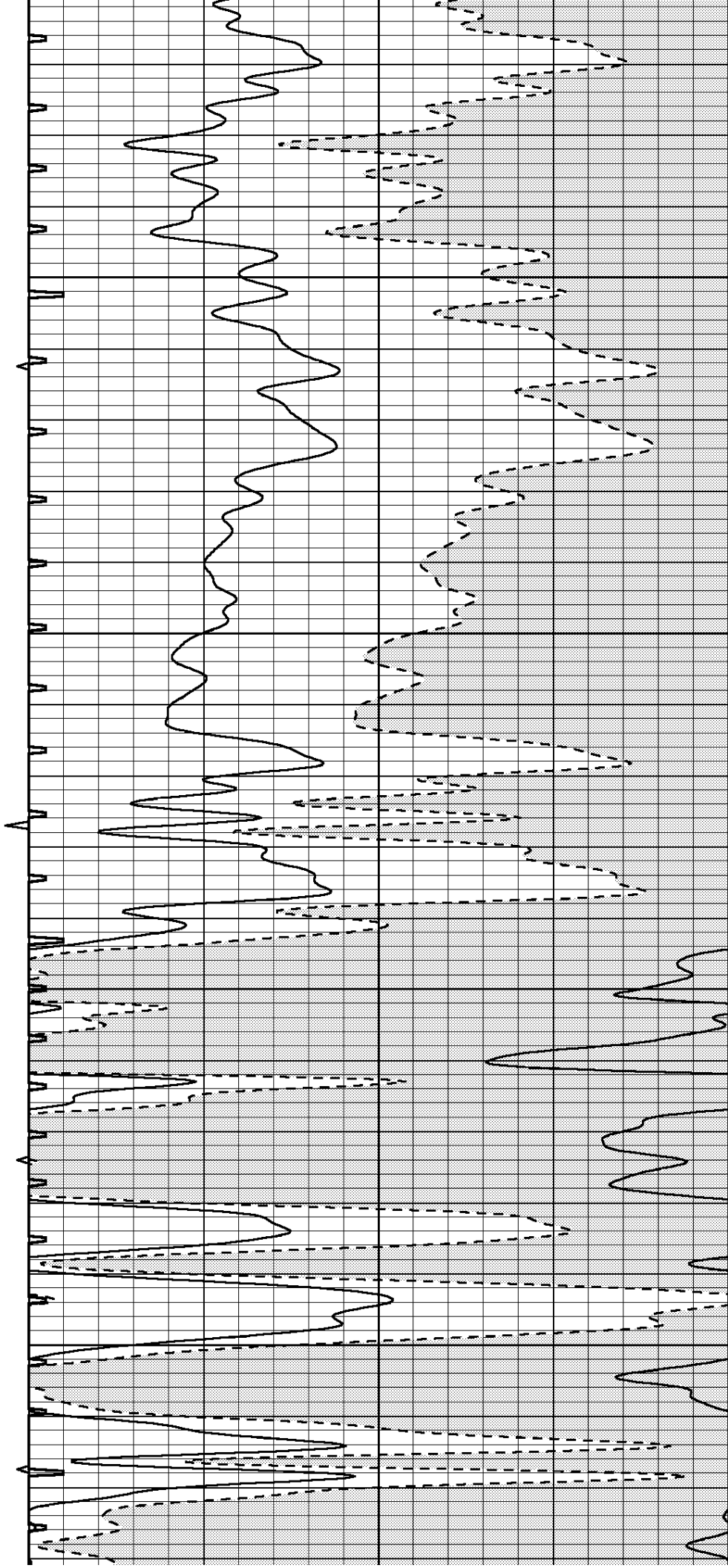


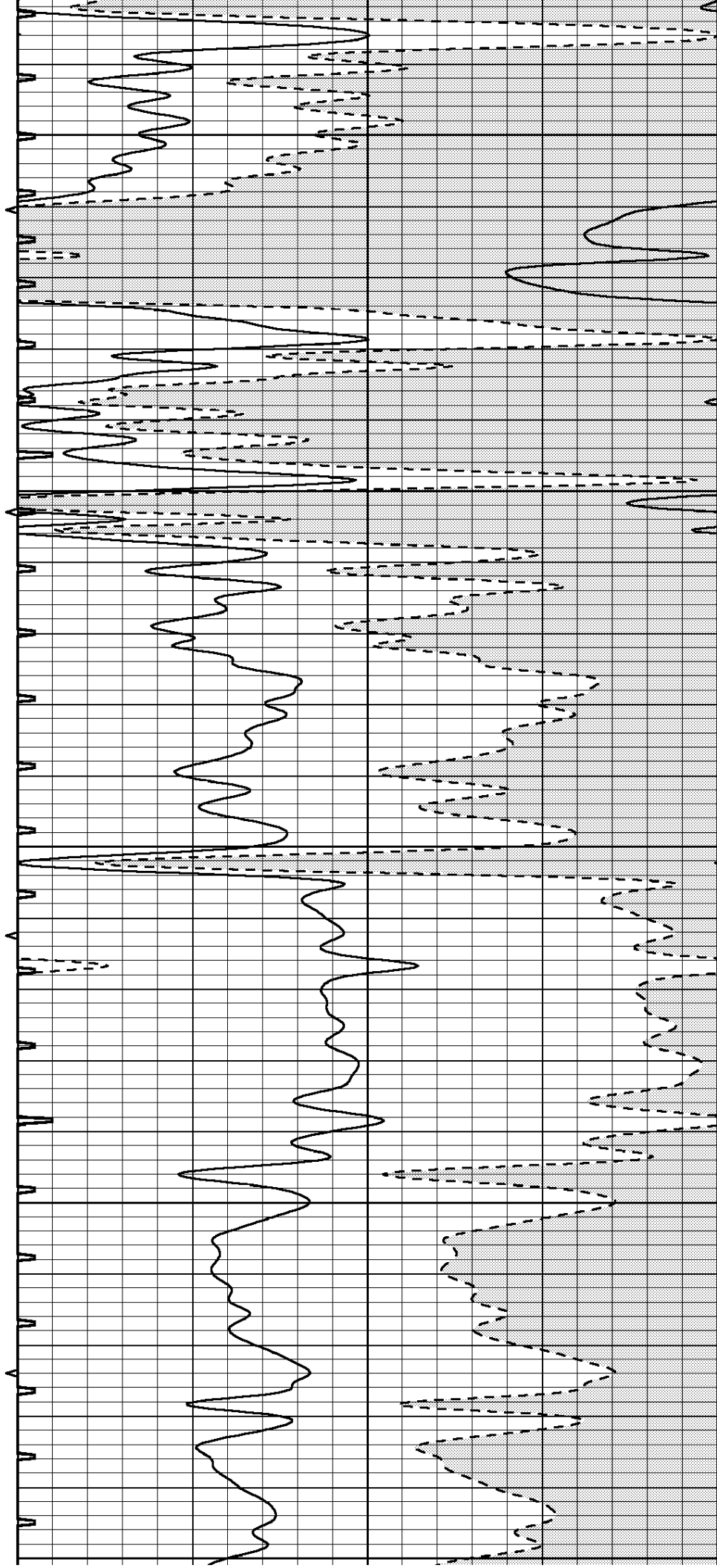
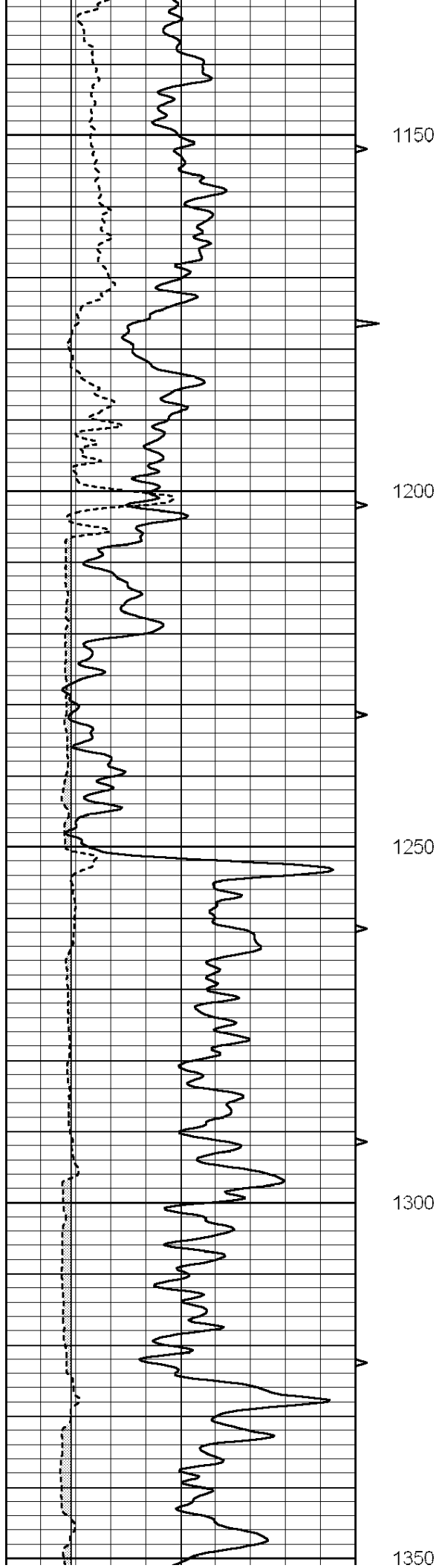
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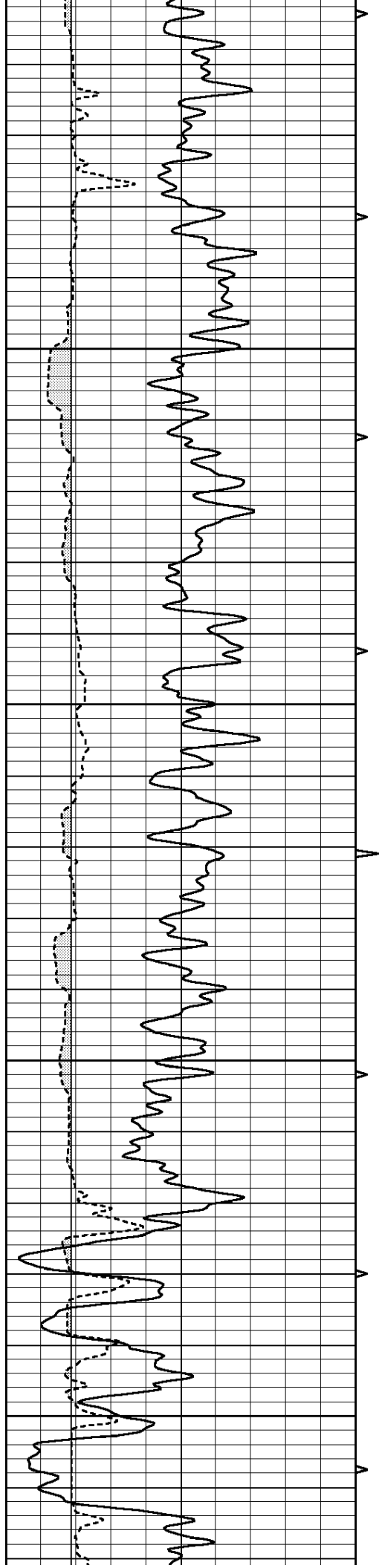
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1050

1100





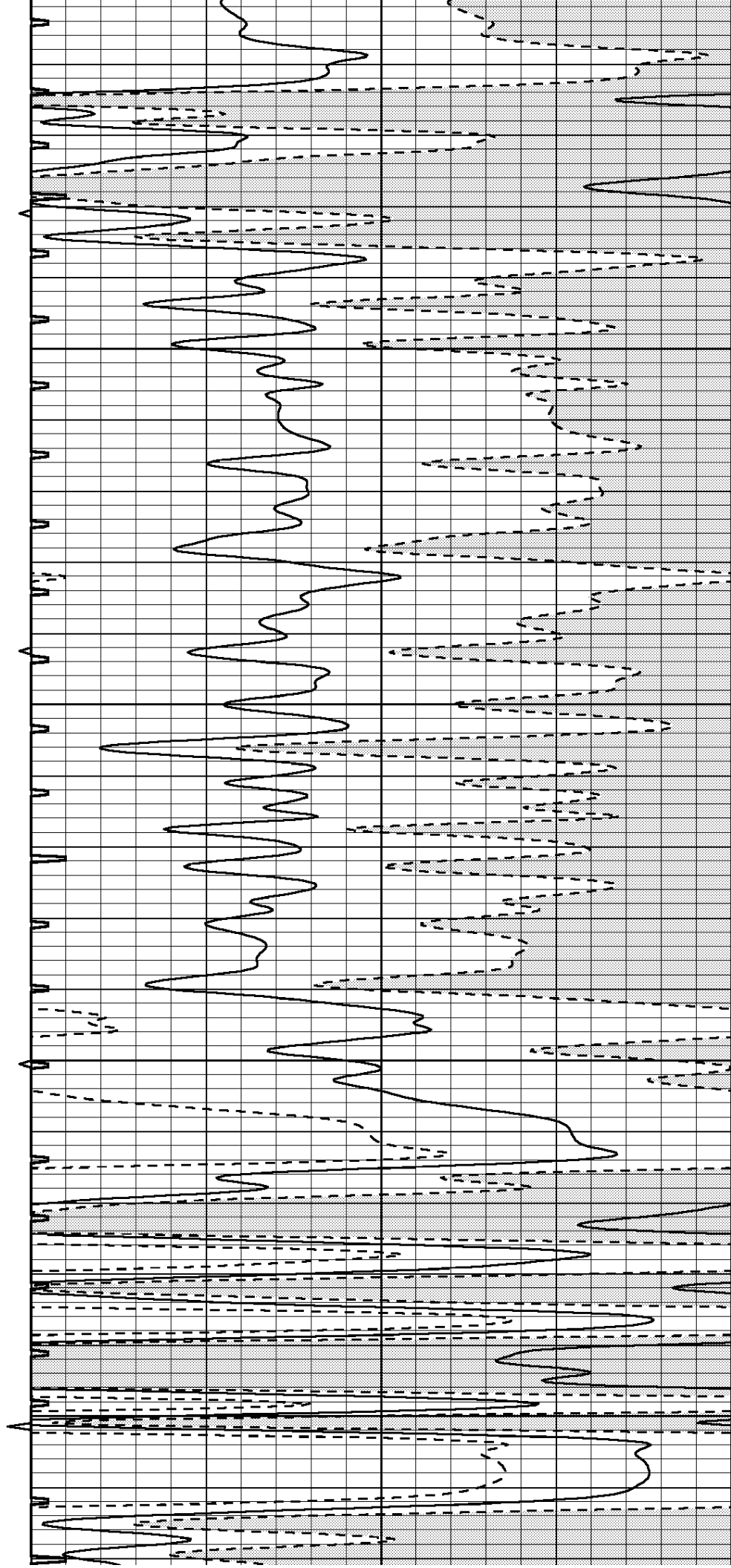


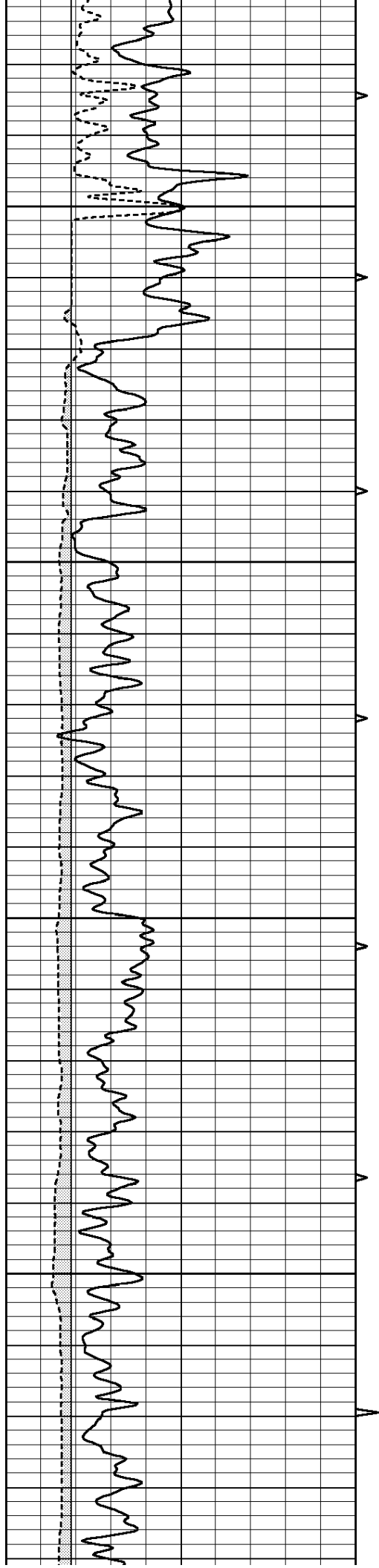
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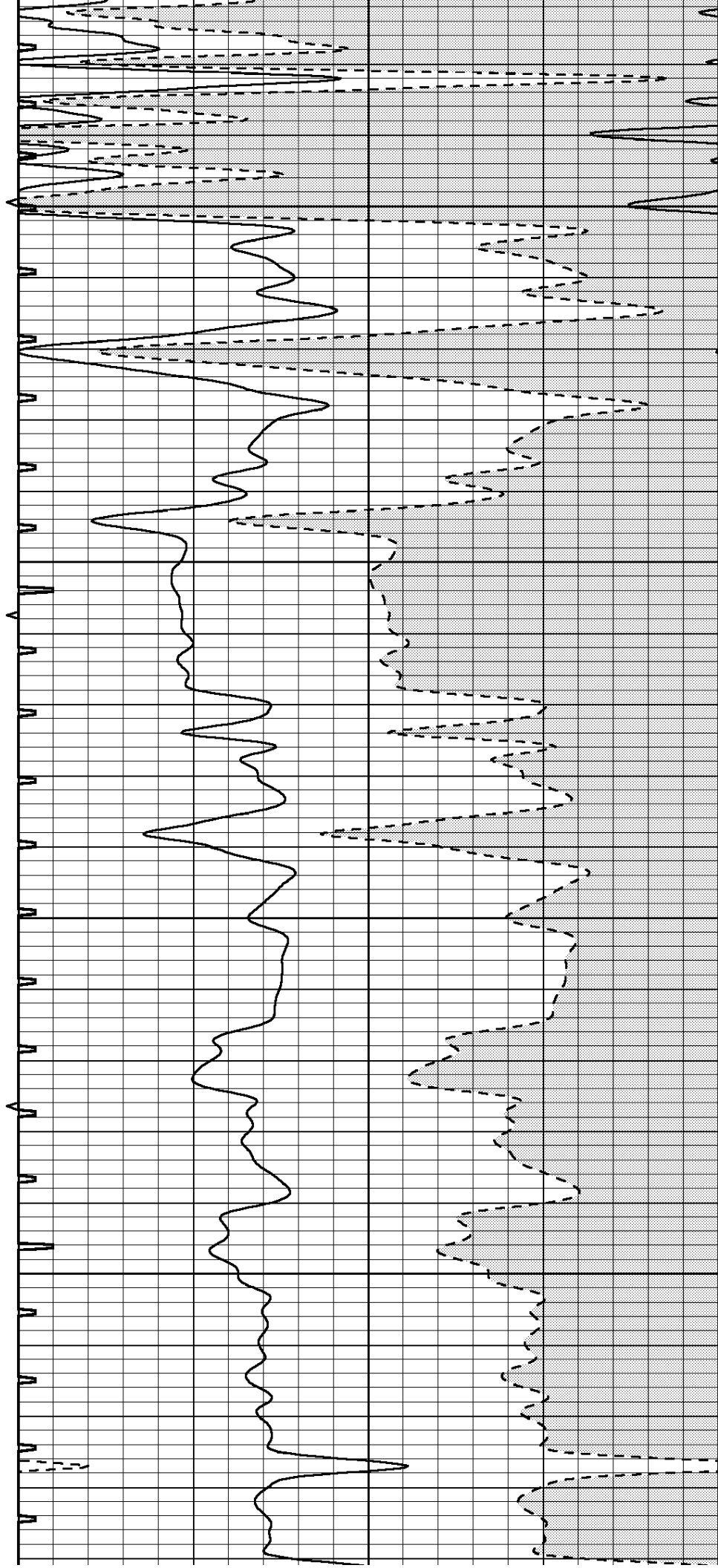


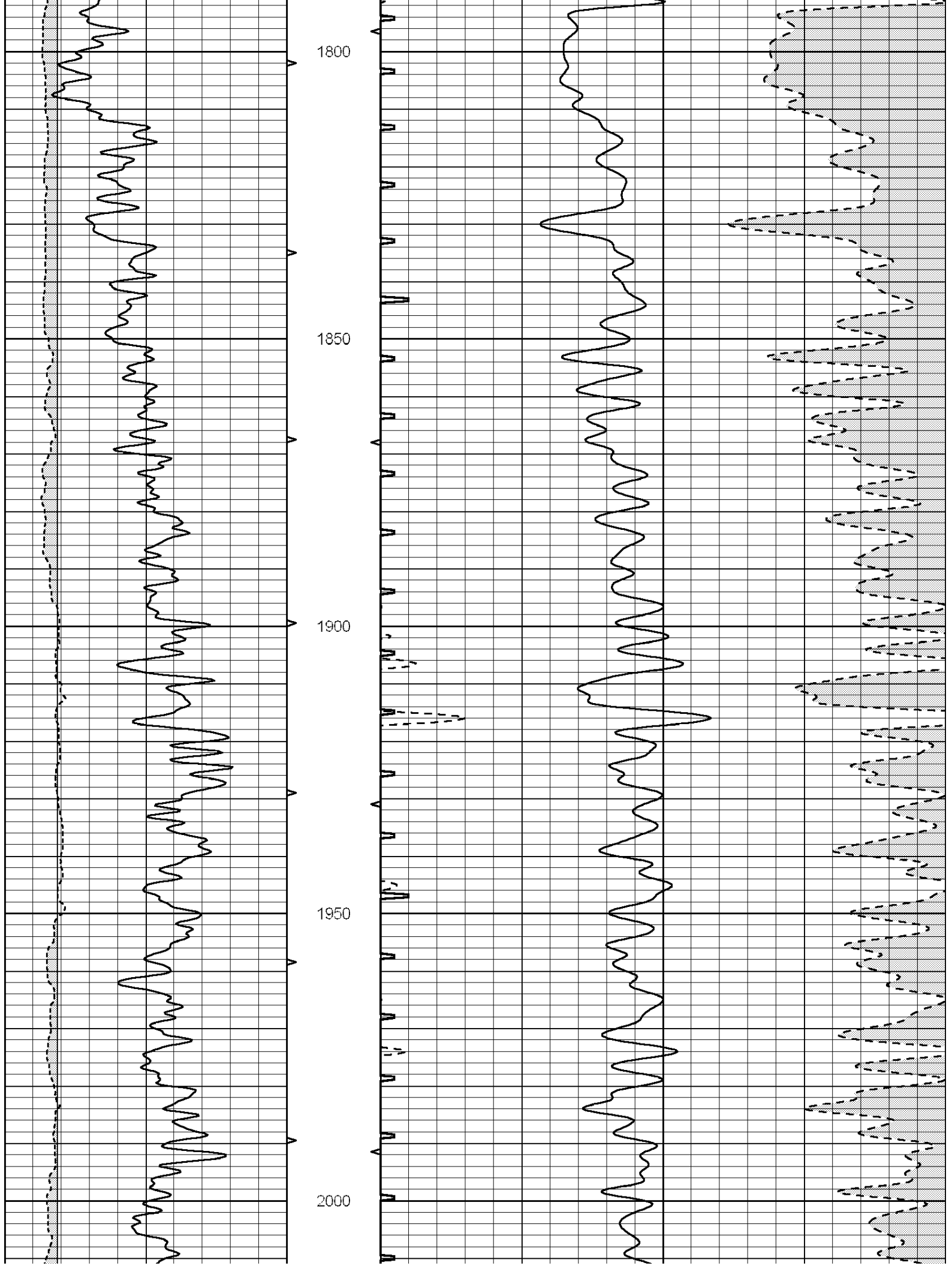
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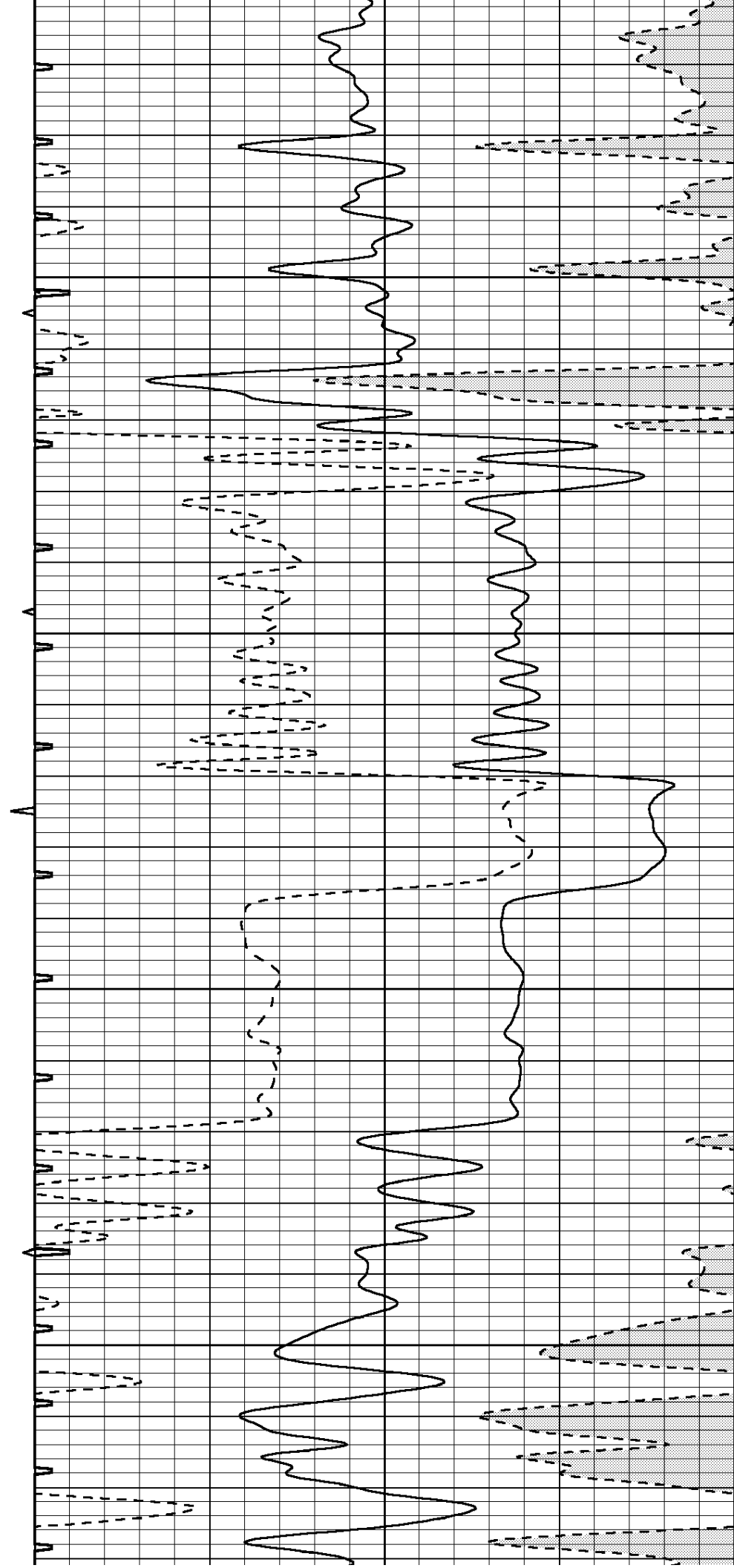
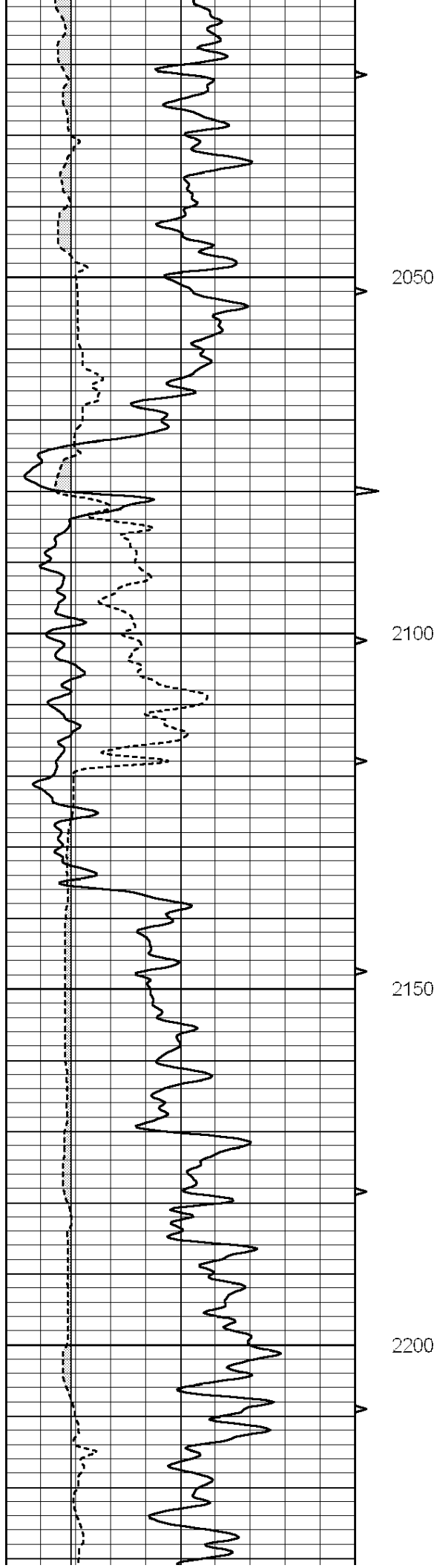
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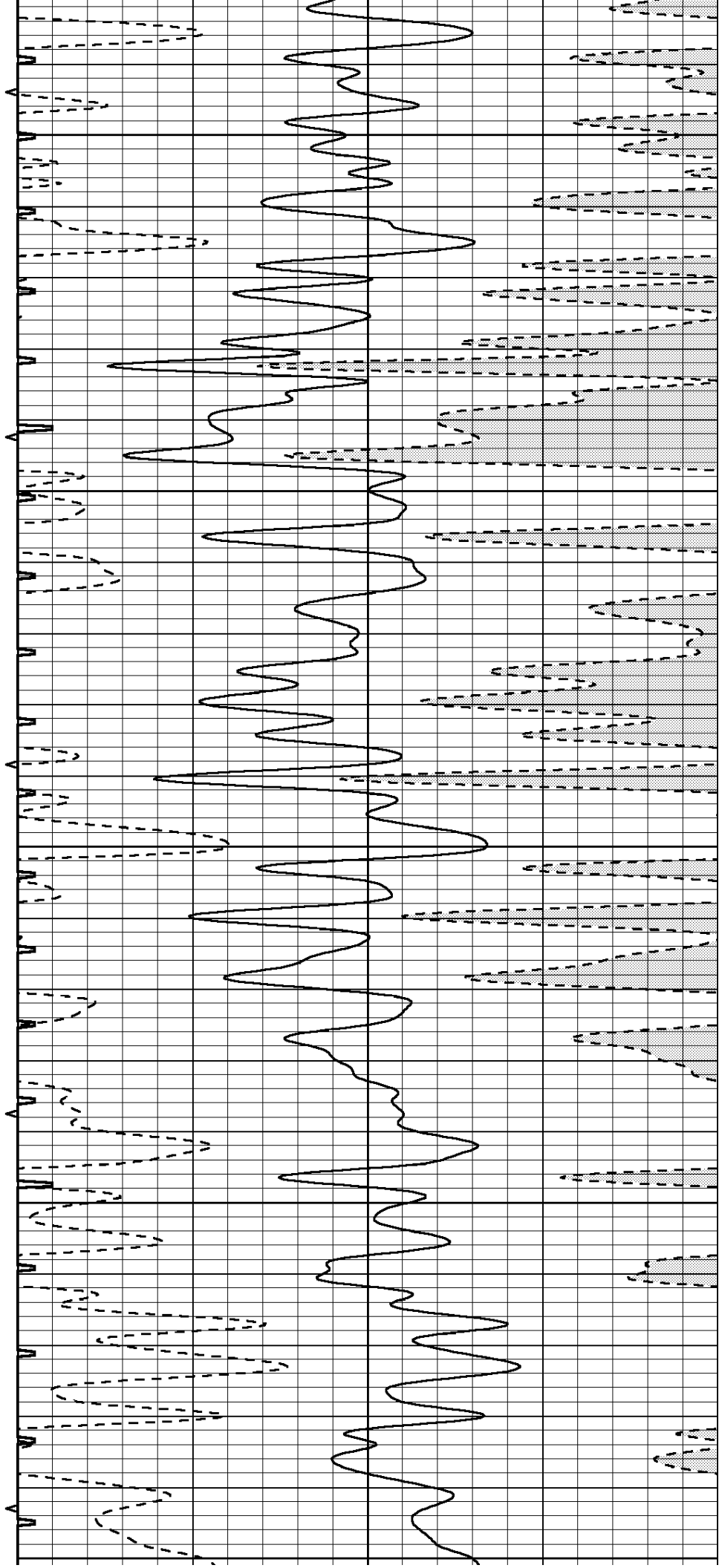
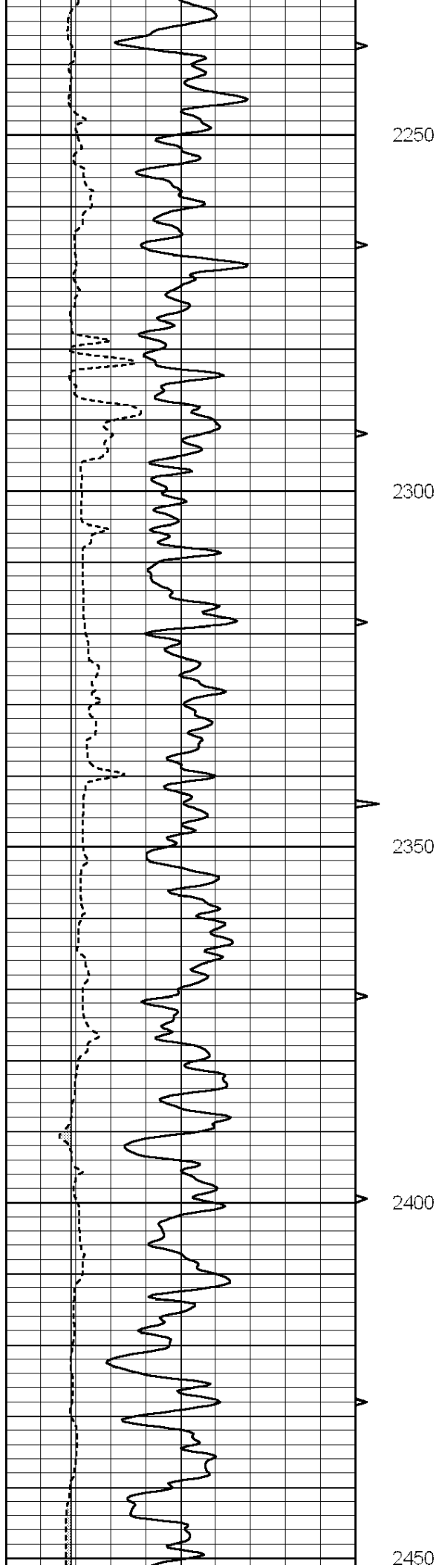
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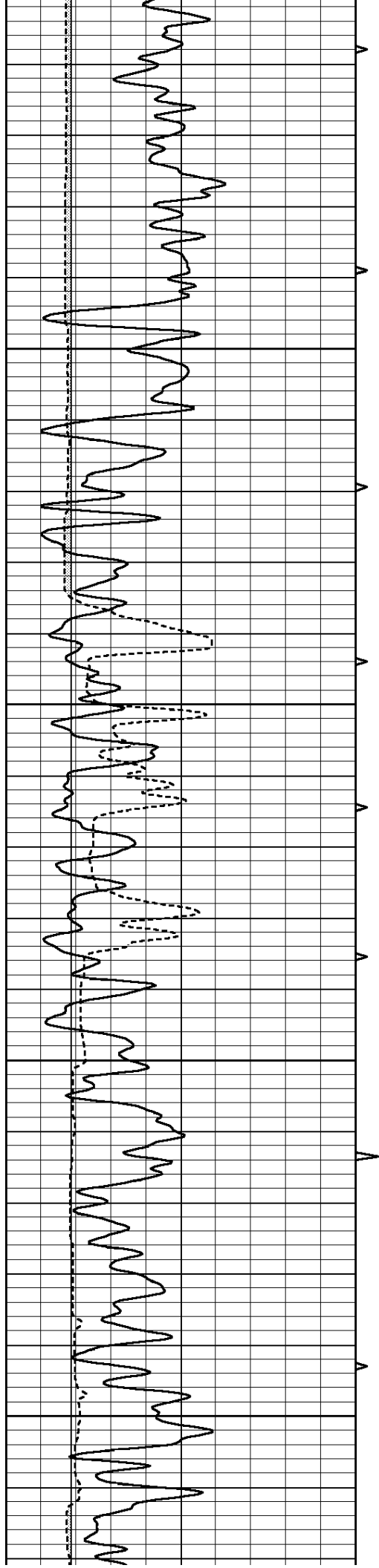
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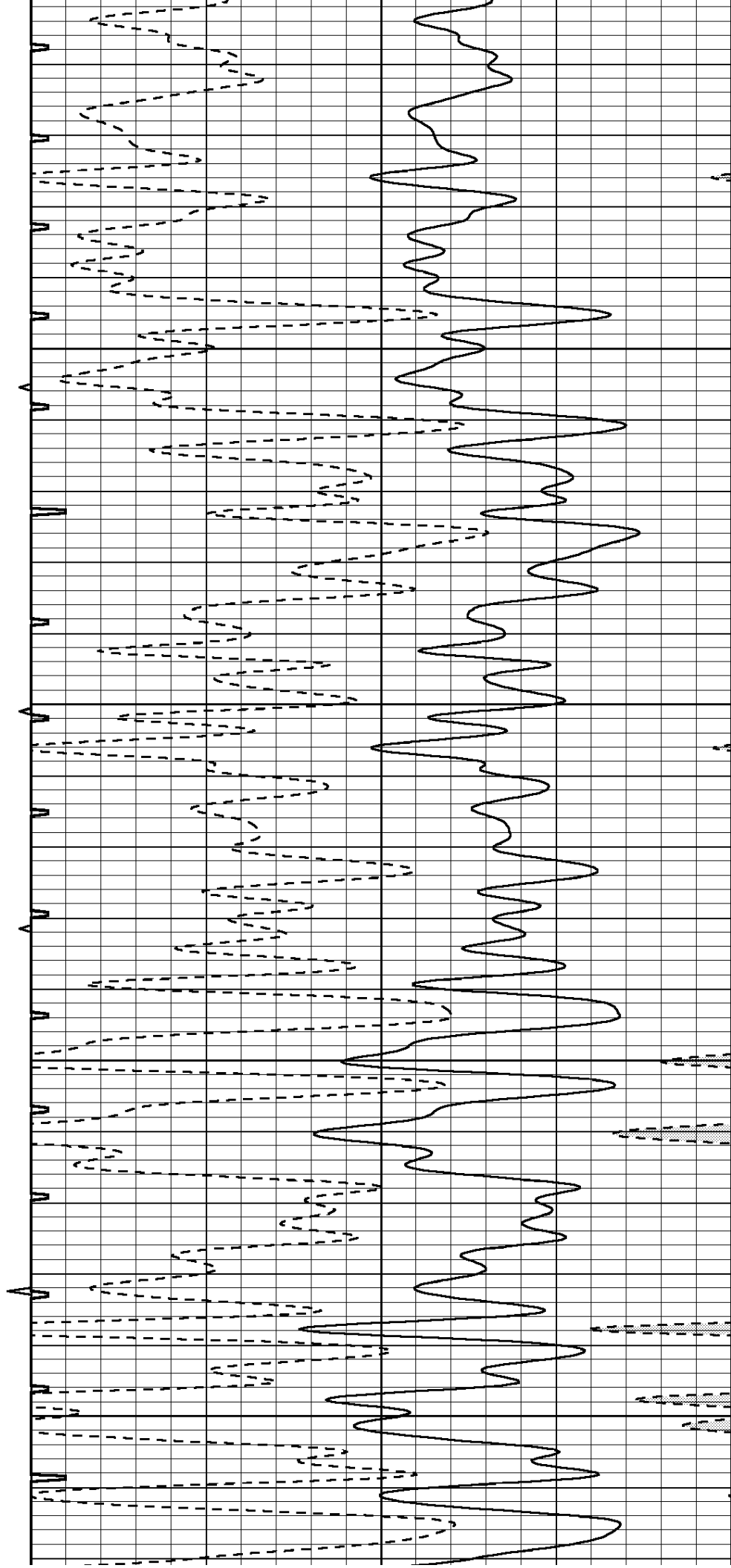


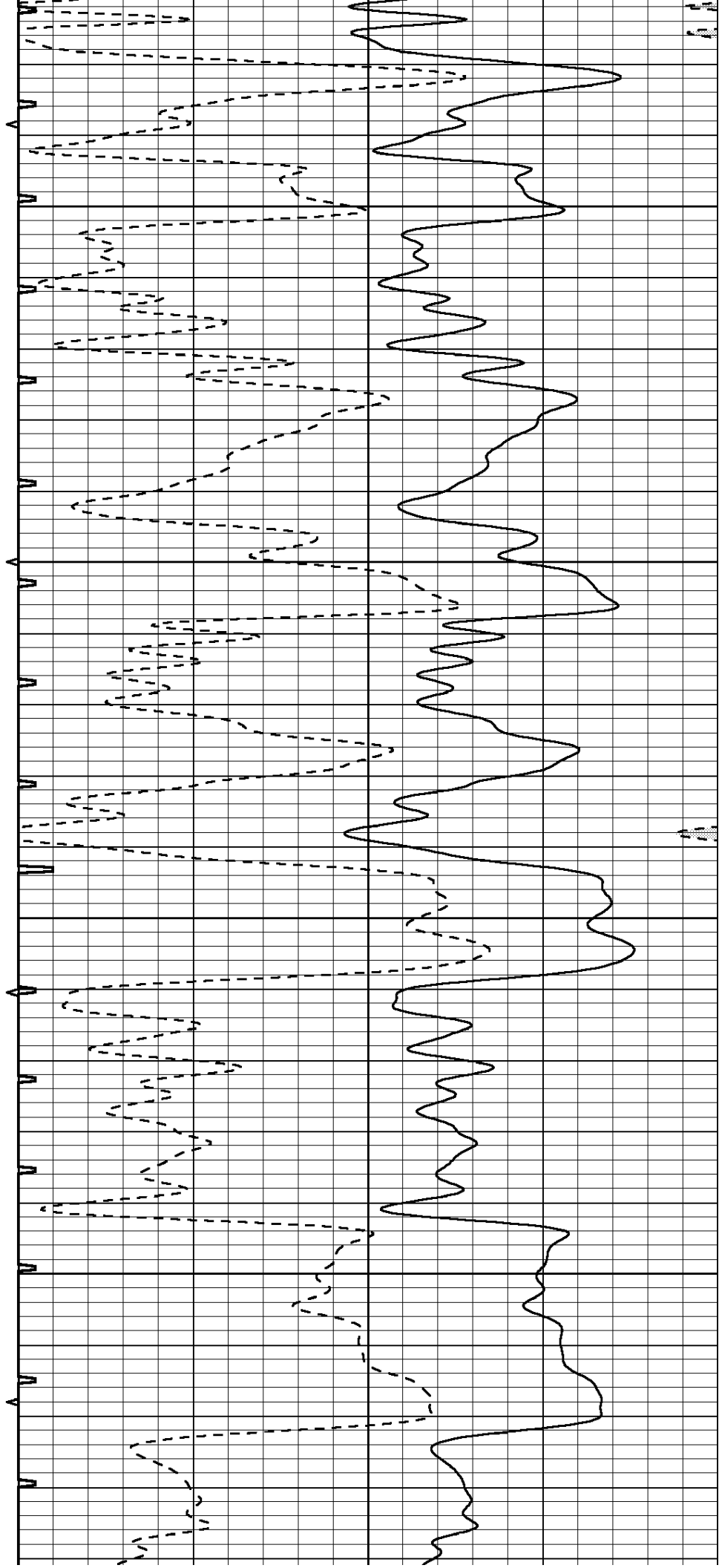
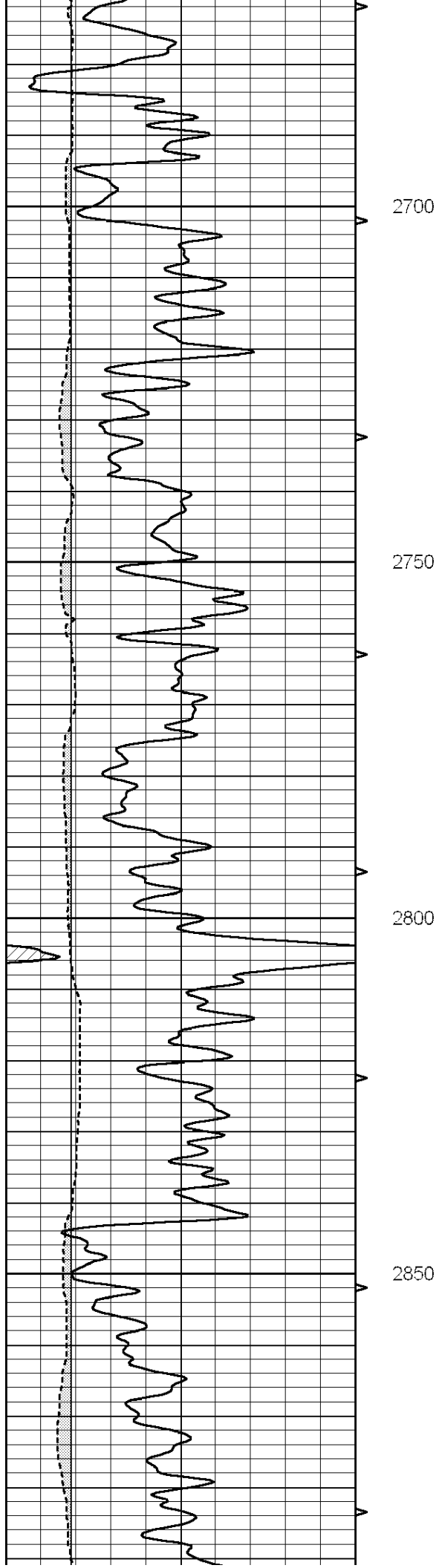
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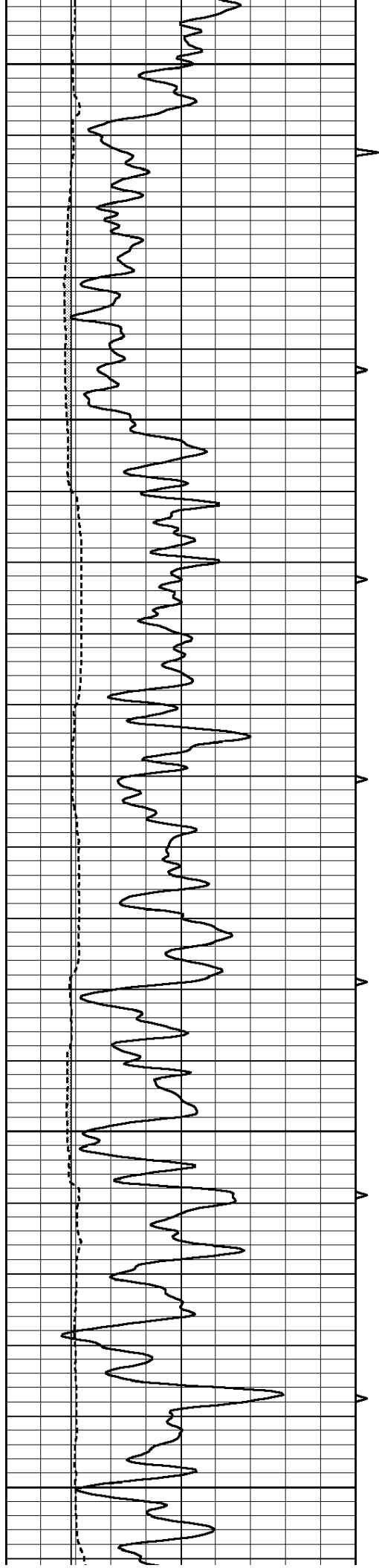
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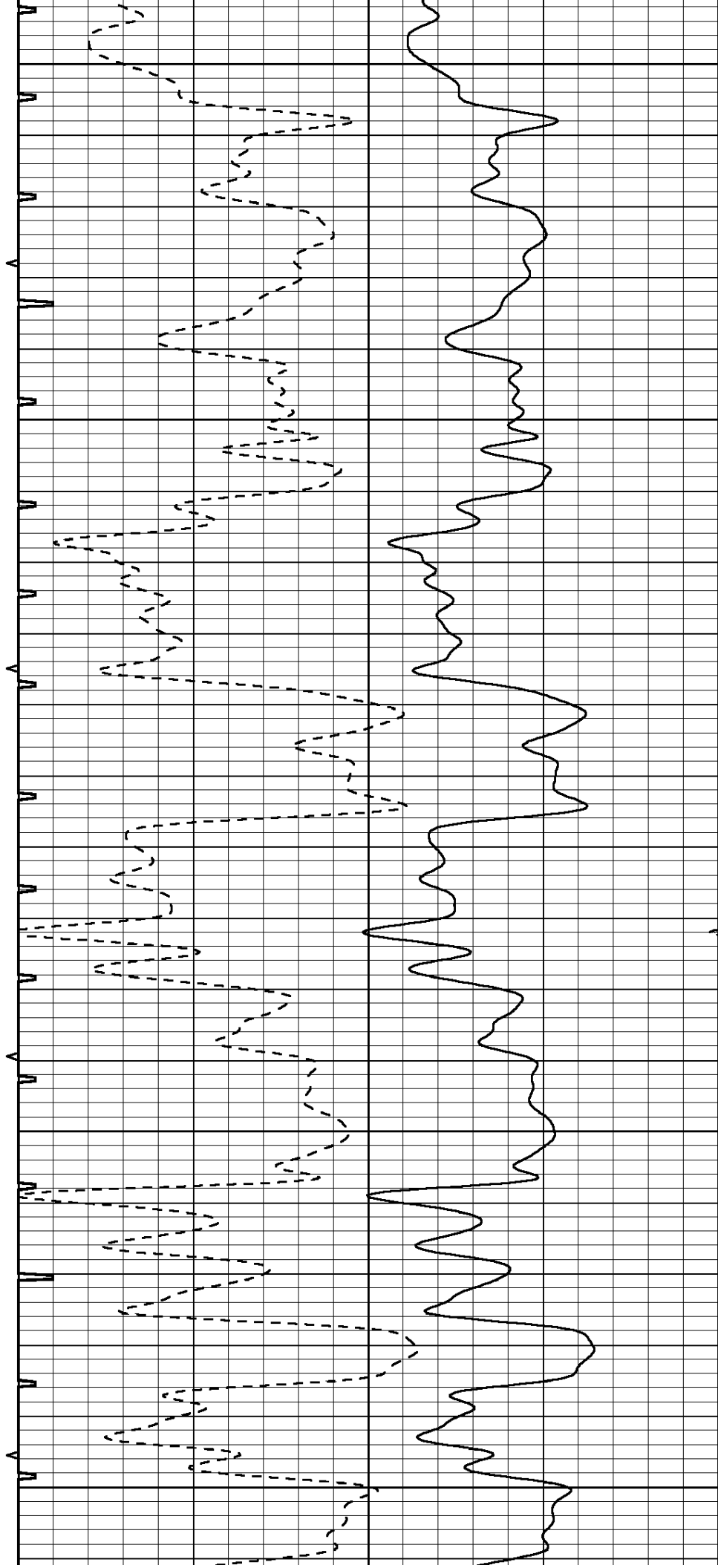
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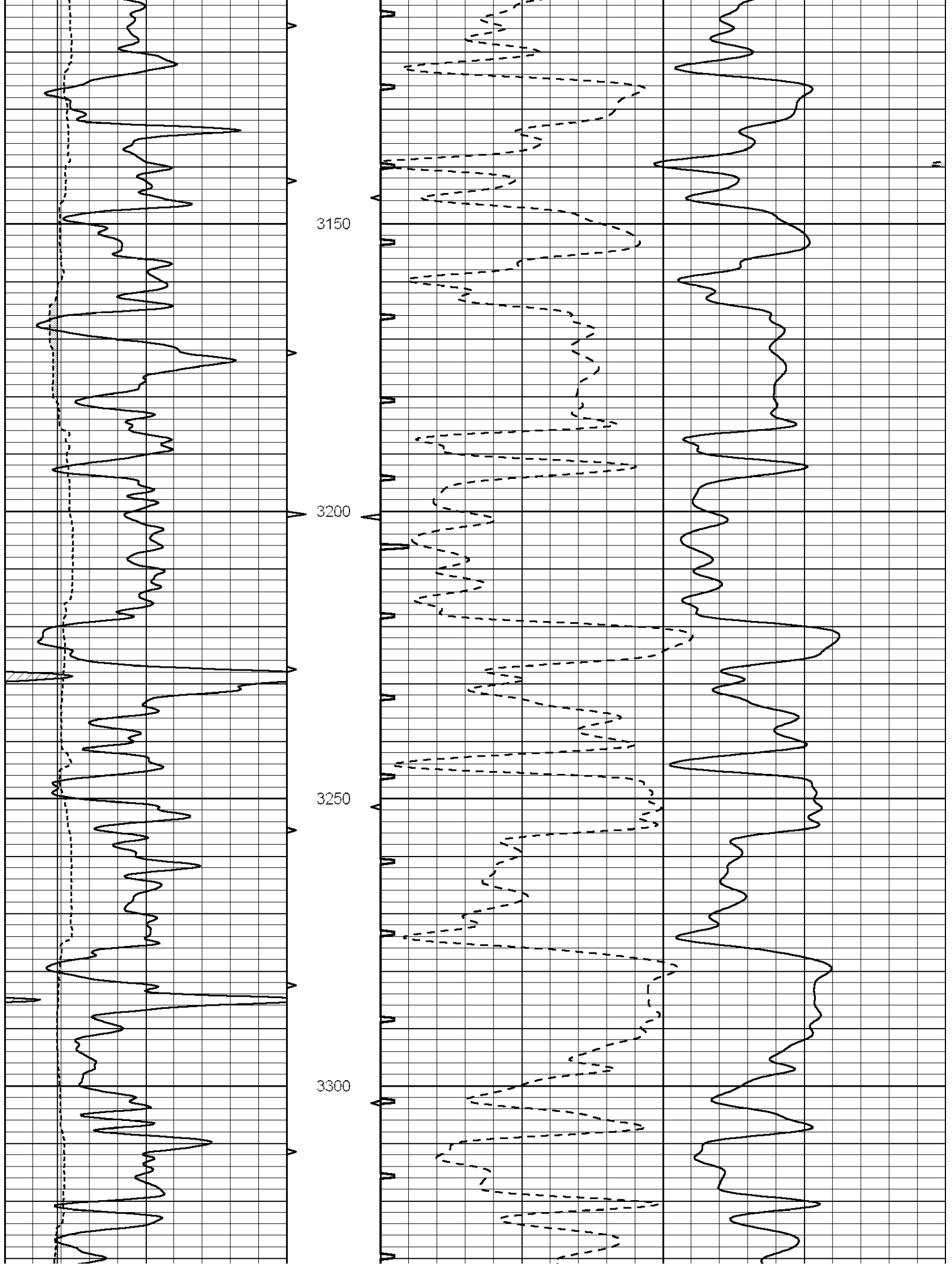
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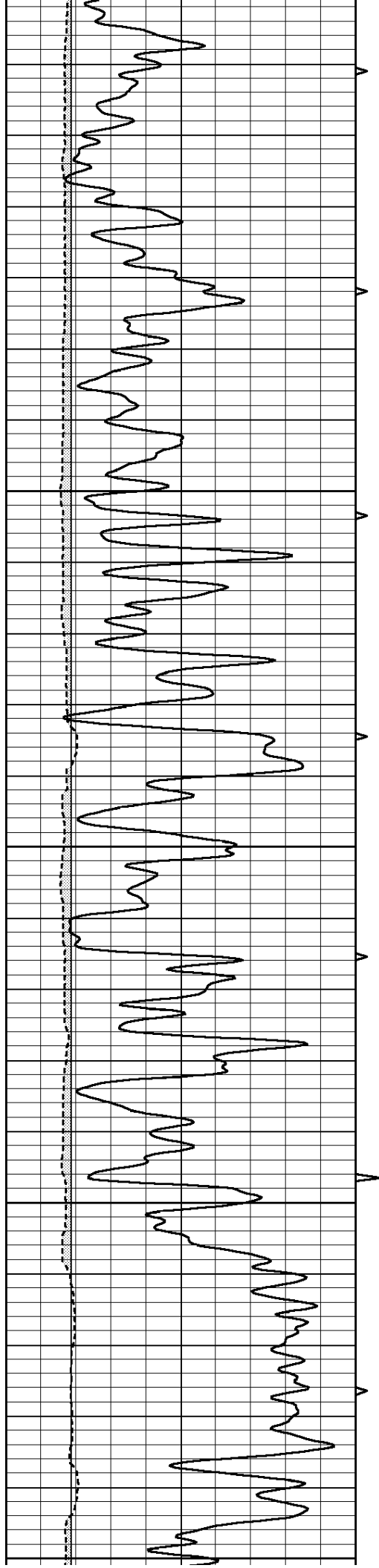
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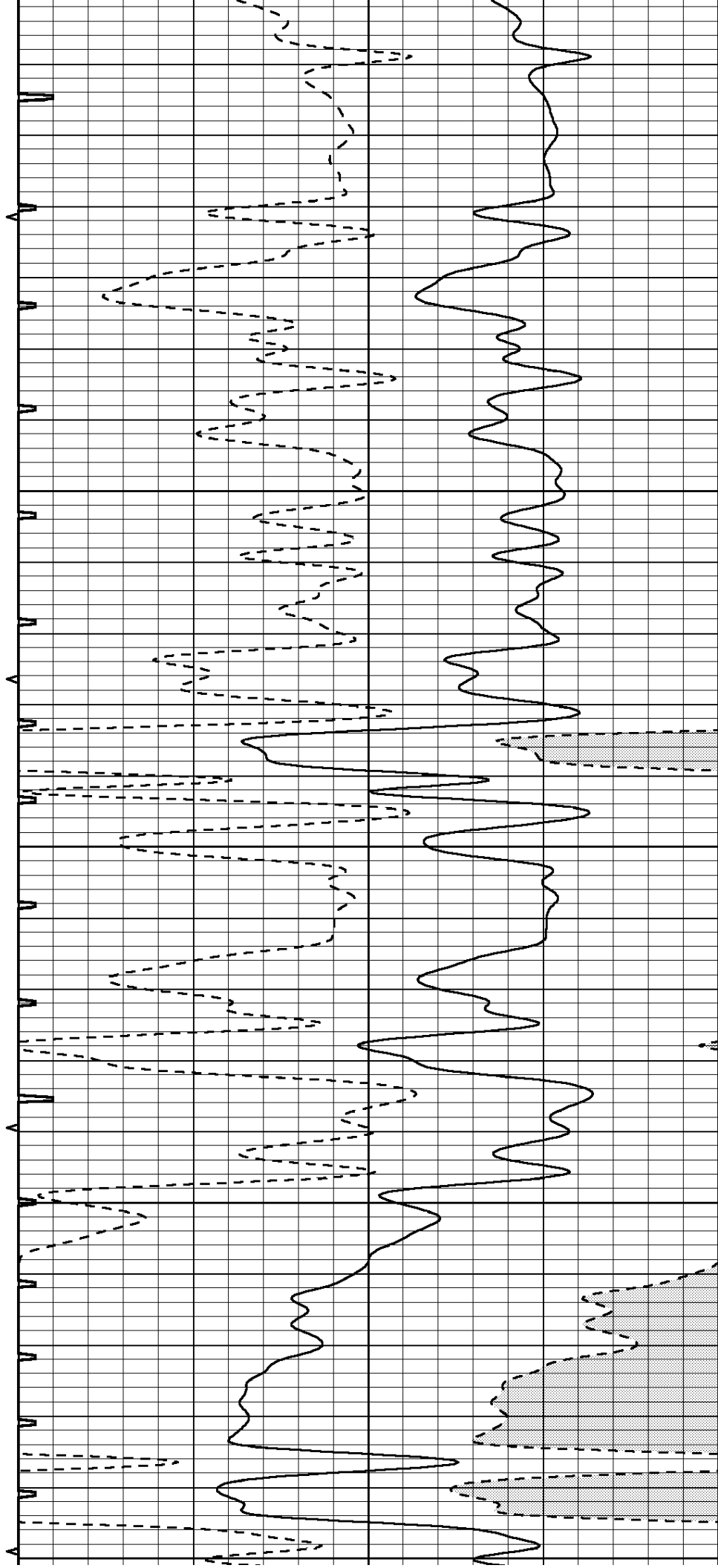
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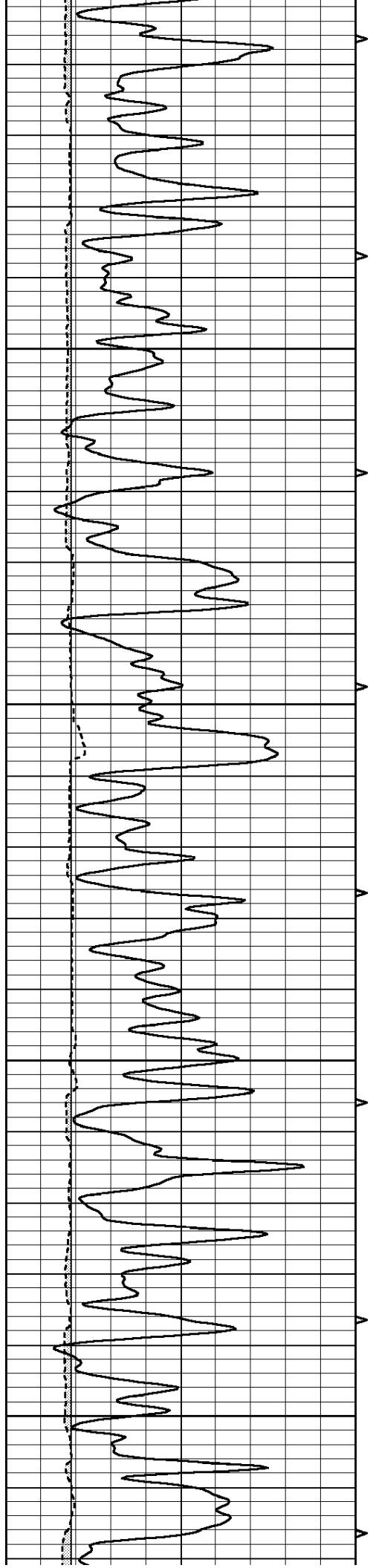
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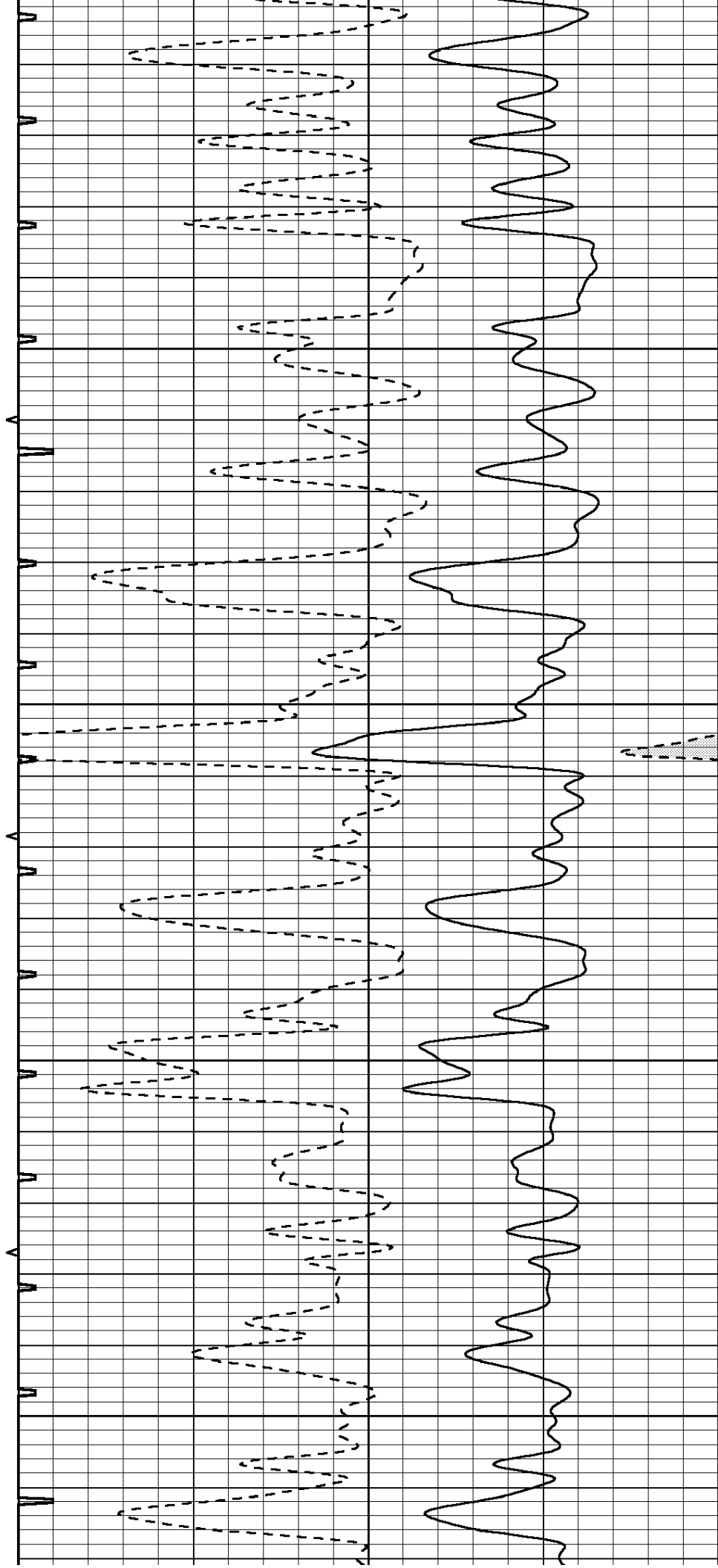


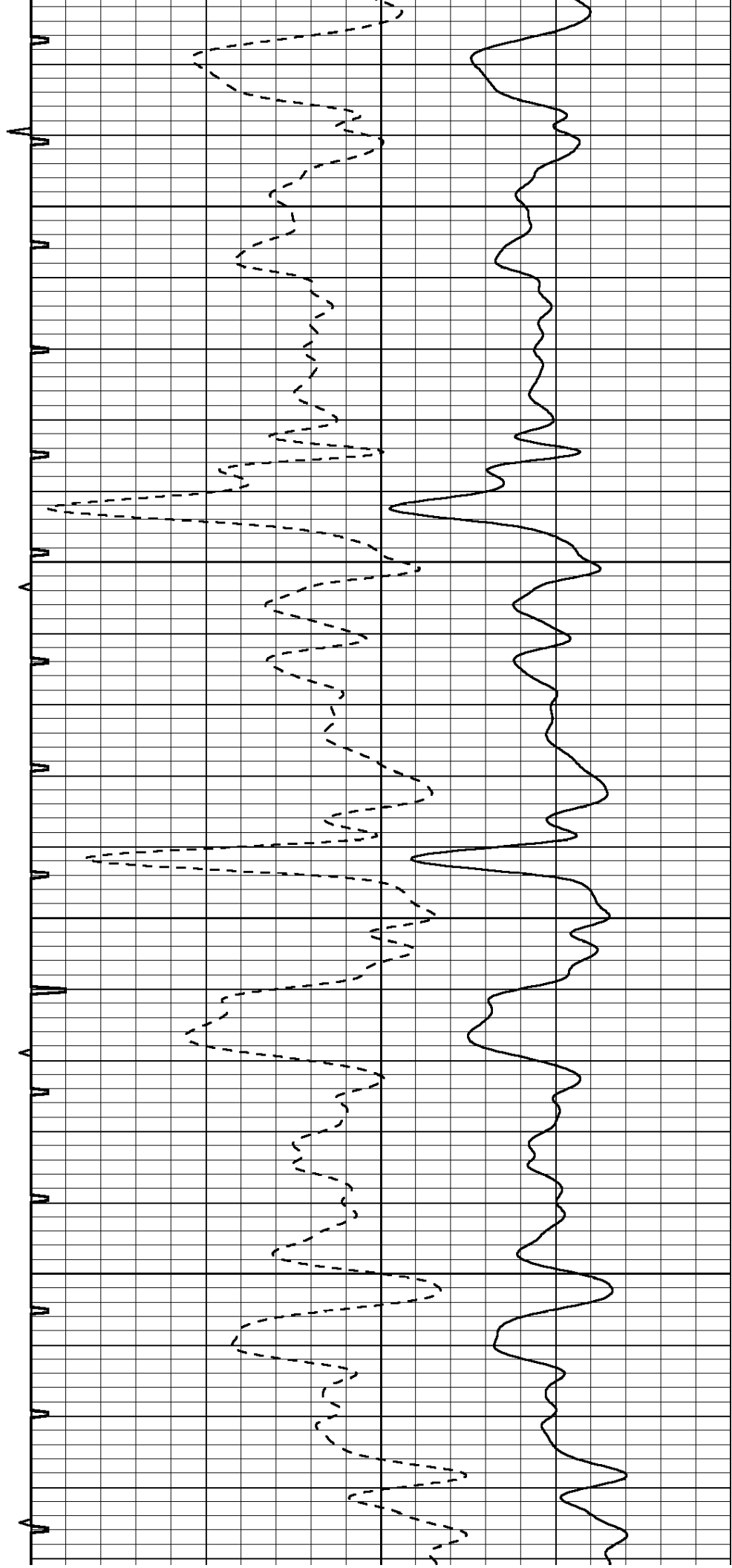
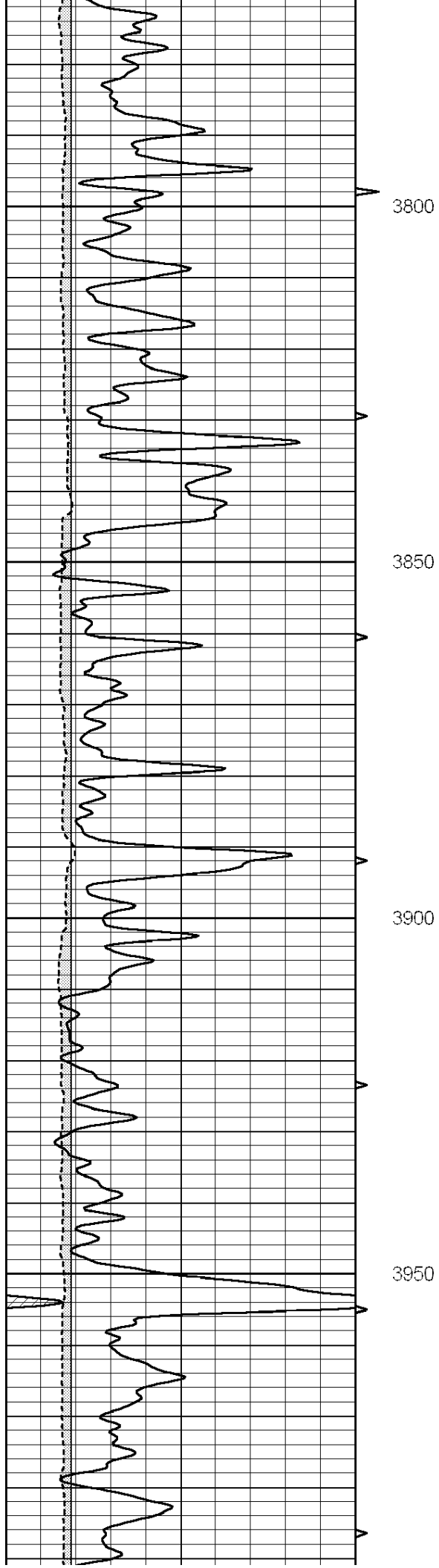
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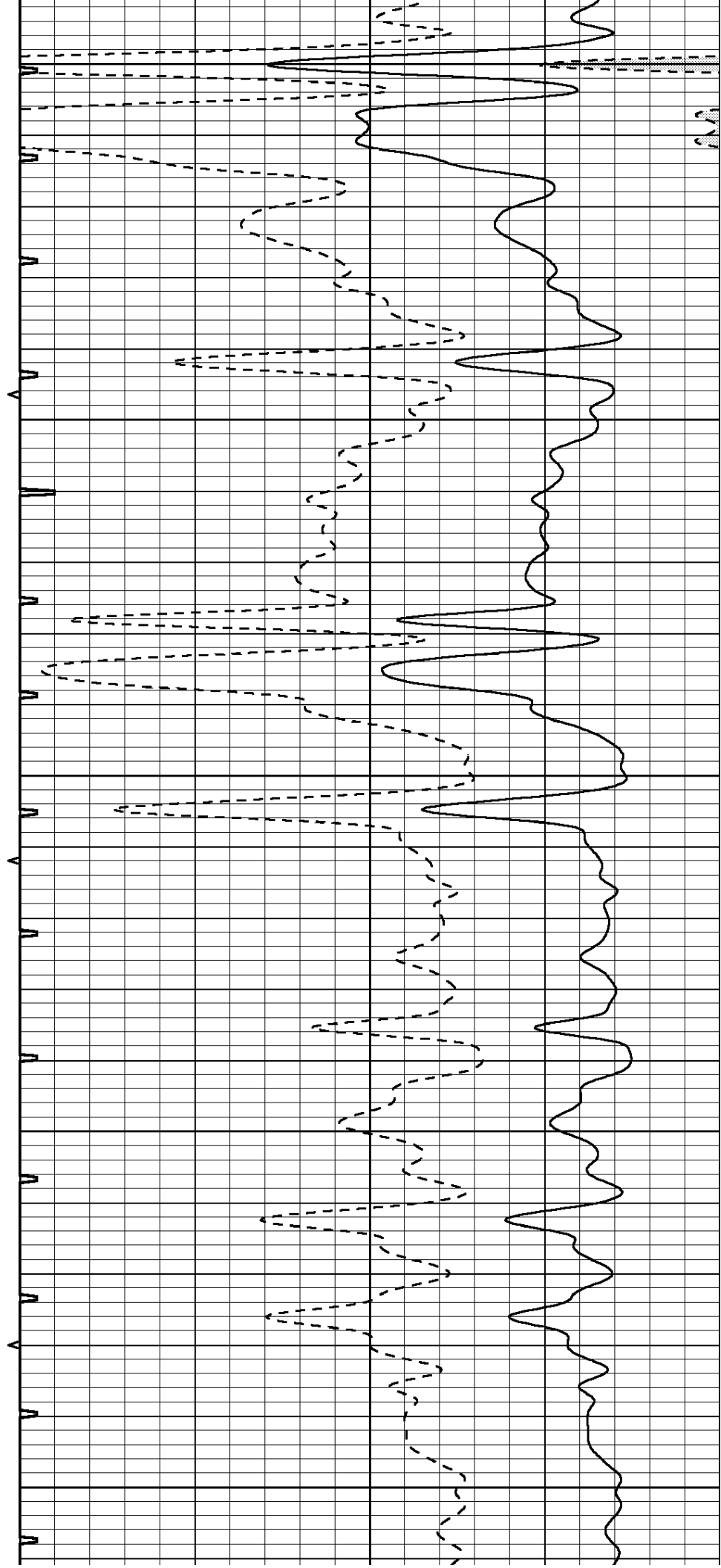
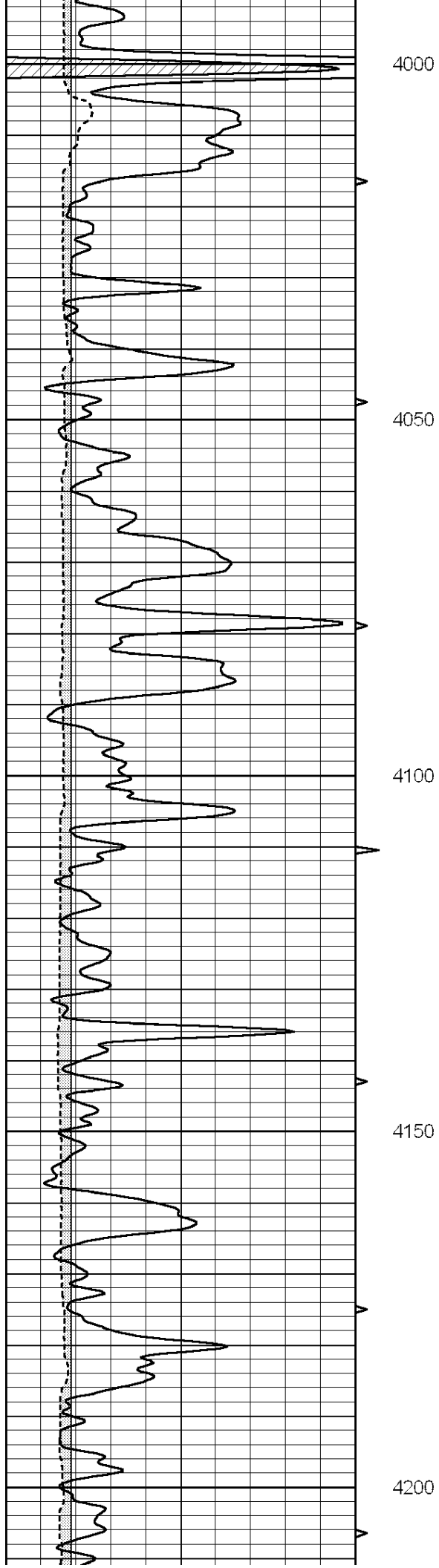
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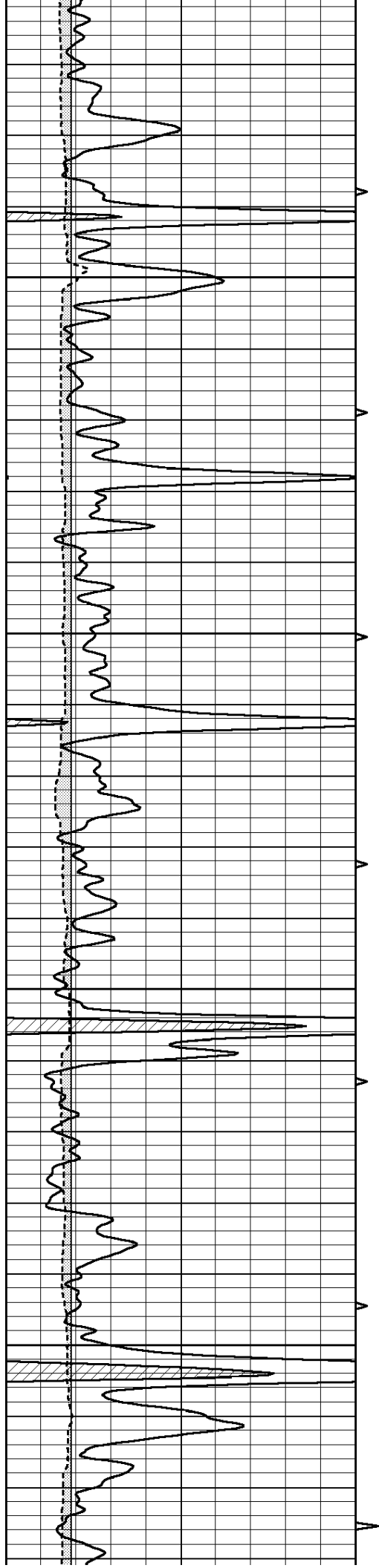
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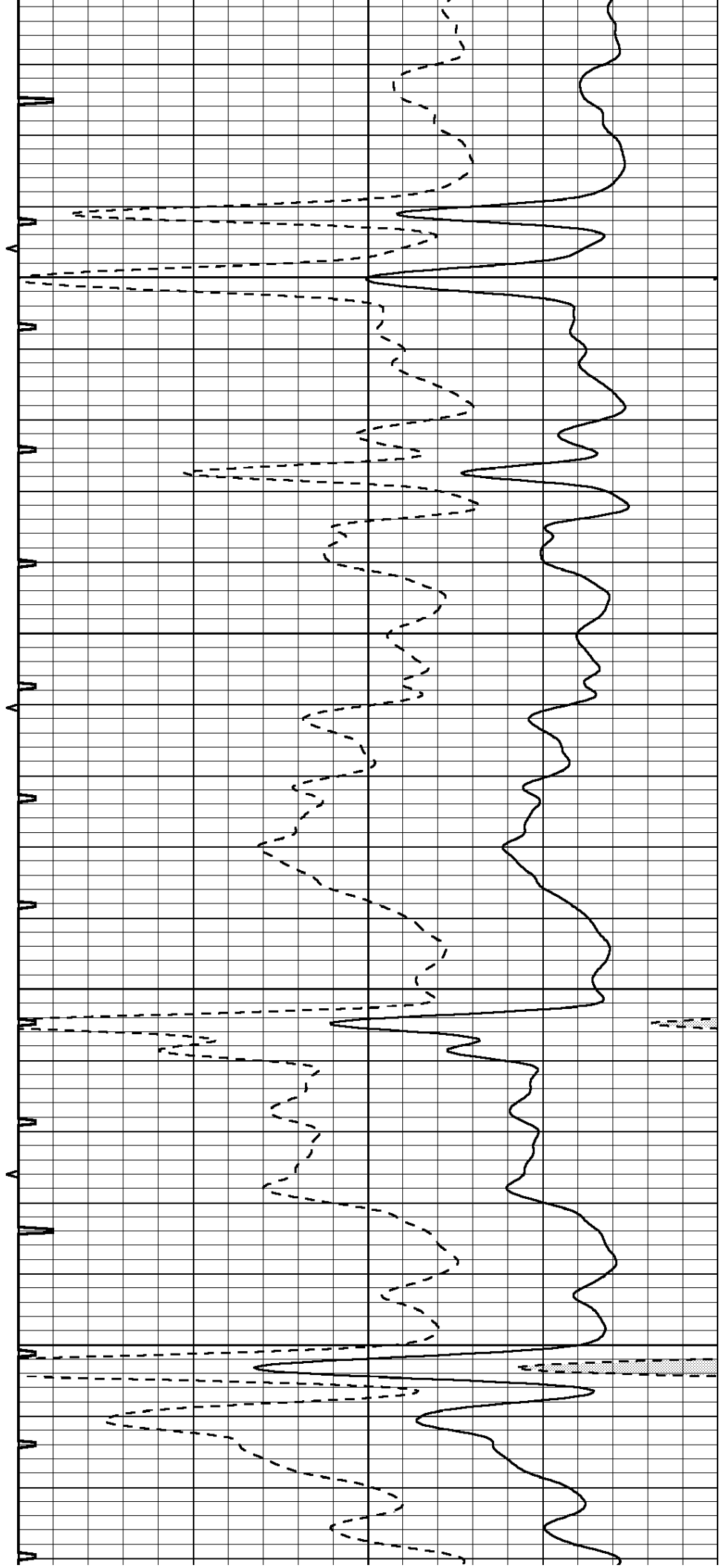


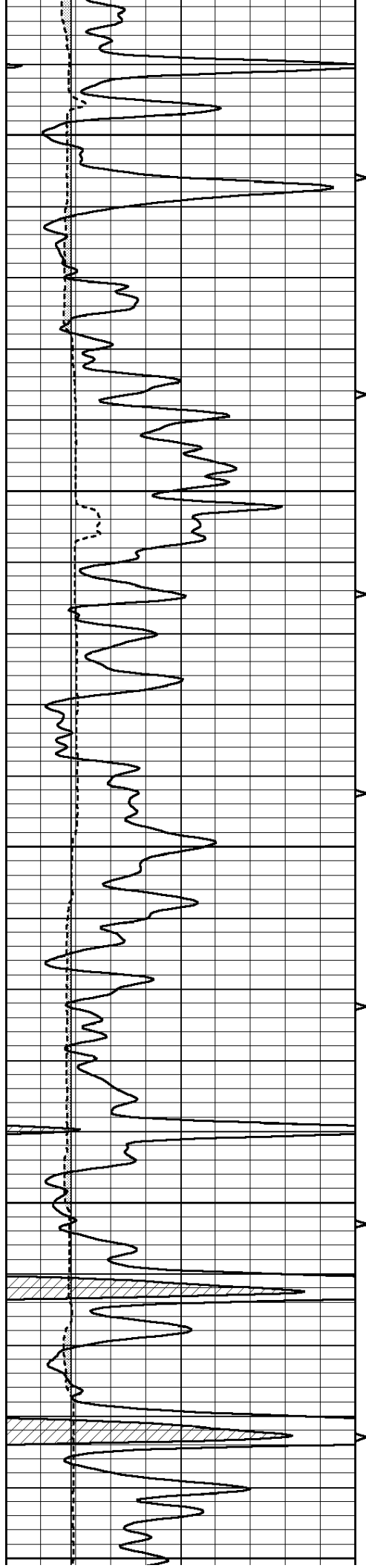
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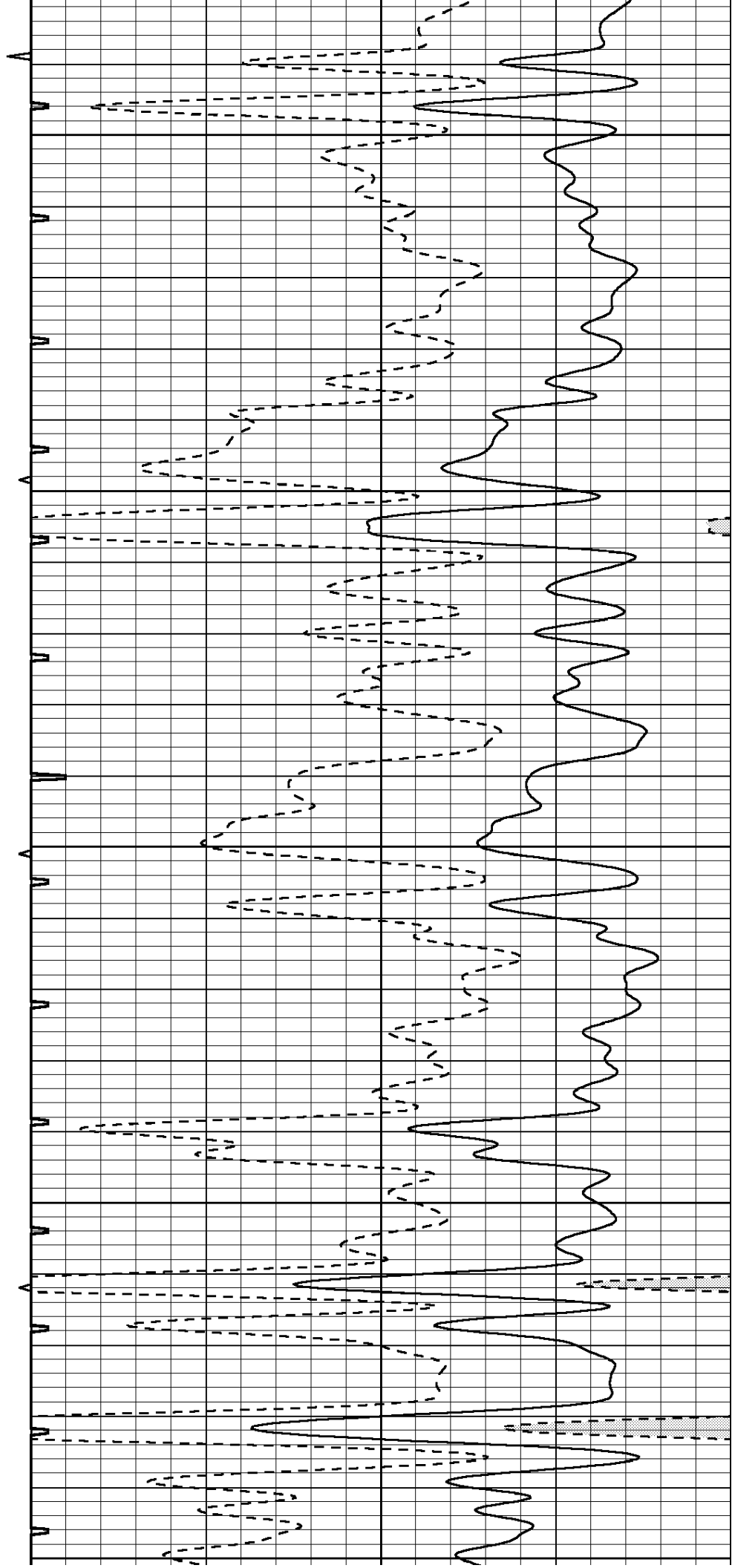
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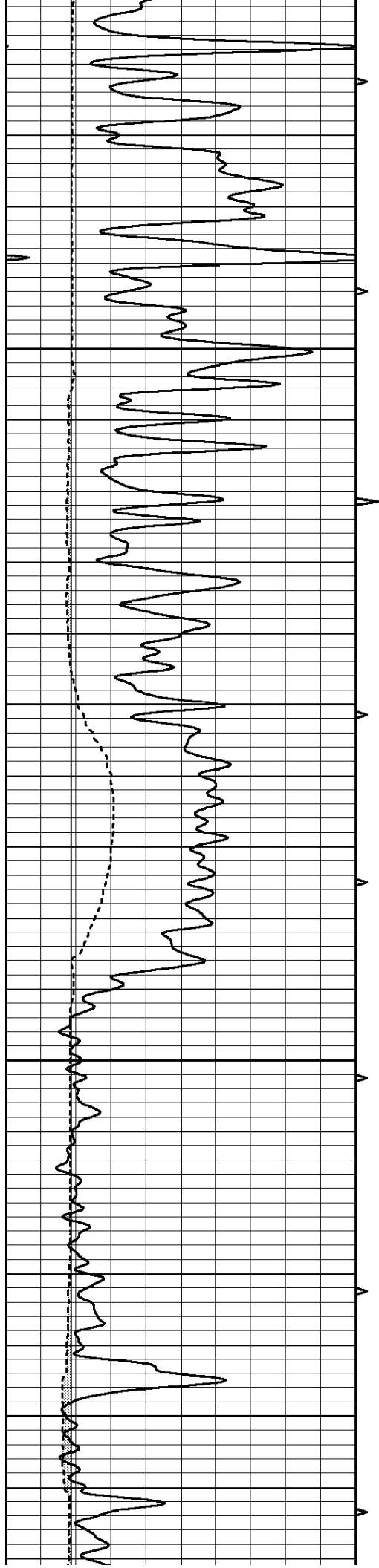
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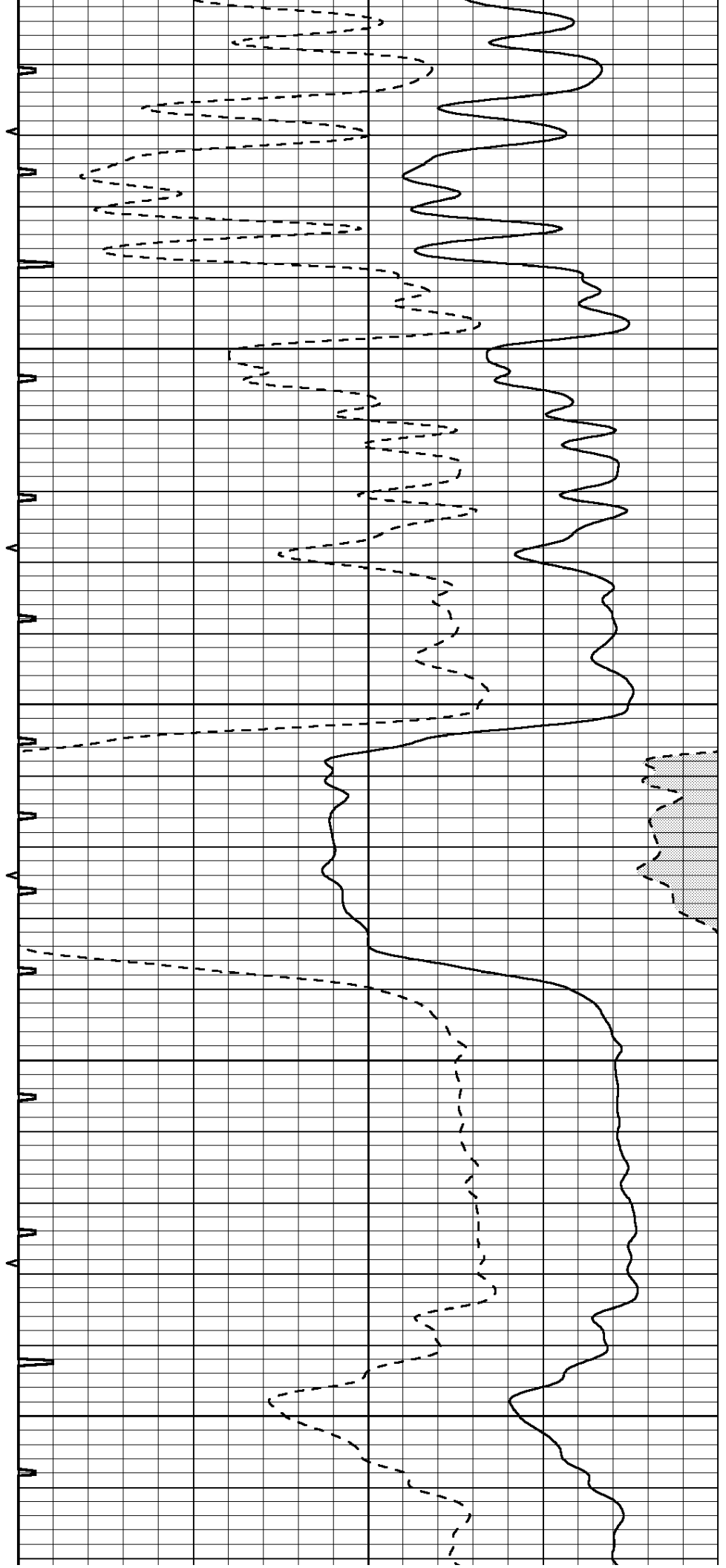


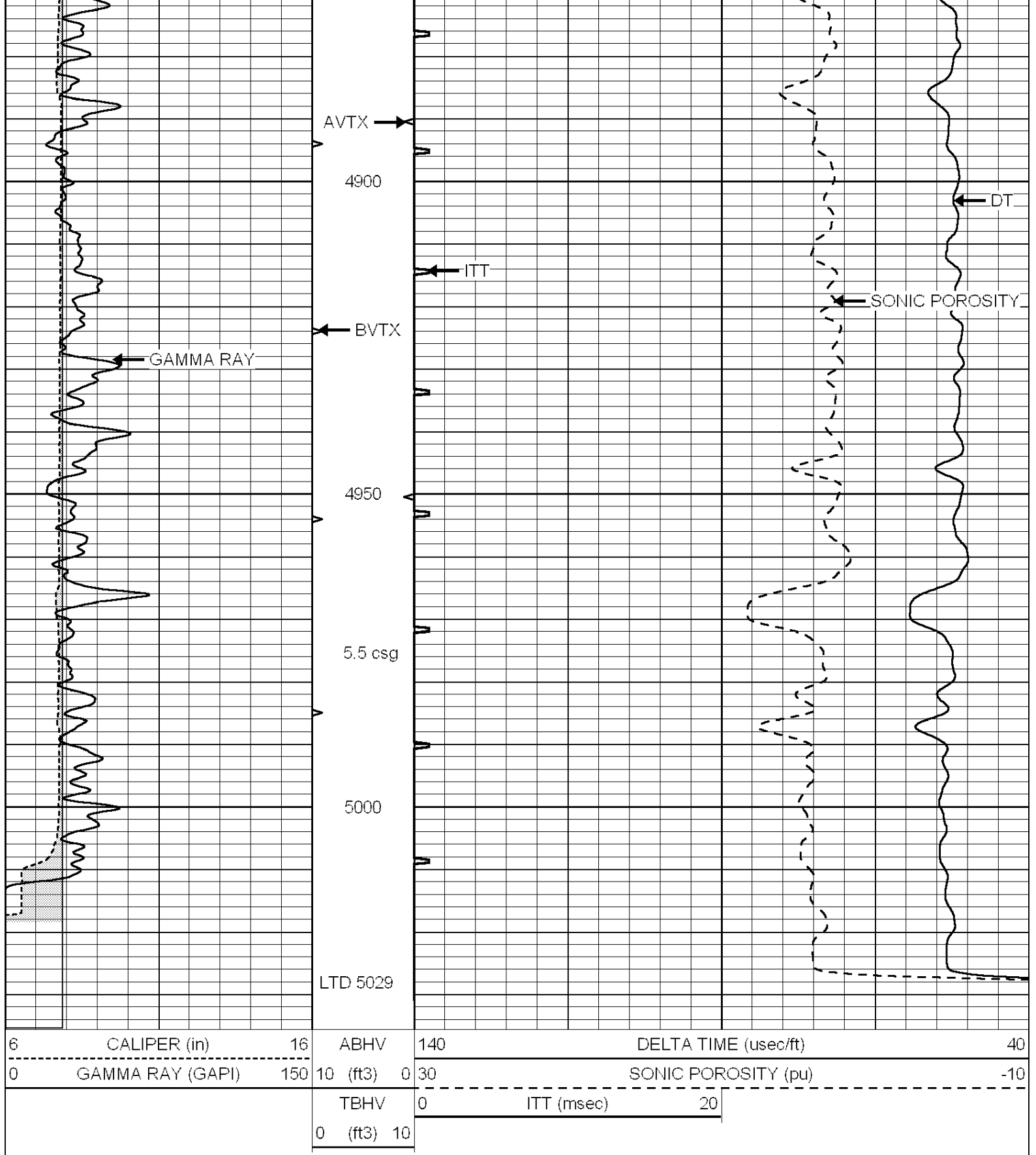
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REPEAT SECTION

Database File: 009976.db
Dataset Pathname: pass5.1
Presentation Format: alt

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

