



**Casedhole
Solutions**

**SONIC
LOG**

Company	RED OAK ENERGY, INC.	Company	RED OAK ENERGY, INC.
Well	SCHEMM TRUST #1-16	Well	SCHEMM TRUST #1-16
Field	WILDCAT	Field	WILDCAT
County	WALLACE	County	WALLACE
State	KANSAS	State	KANSAS
Location:	77' FSL & 1476' FEL	API # : 15-199-20432-0000	Other Services CDL/CNL DIL/MEL
Permanent Datum	GROUND LEVEL	Elevation	3686
Log Measured From	KELLY BUSHING 11' A.G.L.	Elevation	K.B. 3697 D.F. 3695 G.L. 3686
Drilling Measured From	KELLY BUSHING		
SEC 16	TWP 14S	RGE 40W	
Date	9/25/15		
Run Number	TWO		
Depth Driller	5173		
Depth Logger	5174		
Bottom Logged Interval	5159		
Top Log Interval	300		
Casing Driller	8 5/8" @ 307		
Casing Logger	306		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2700 PPM	
Density / Viscosity	9.3/55		
pH / Fluid Loss	10.0/7.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.80 @ 85F		
Rmt @ Meas. Temp	.60 @ 85F		
Rmc @ Meas. Temp	.96 @ 85F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	.53 @ 127F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	127F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	SEAN DEENIHAN		

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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 CASEDHOLE SOLUTIONS, HAYS, KS. (785) 628-6395
DIRECTIONS:
SHARON SPRINGS, KS. - 5 SOUTH TO JACKRABBIT RD. - 3/4 WEST - NORTH INTO

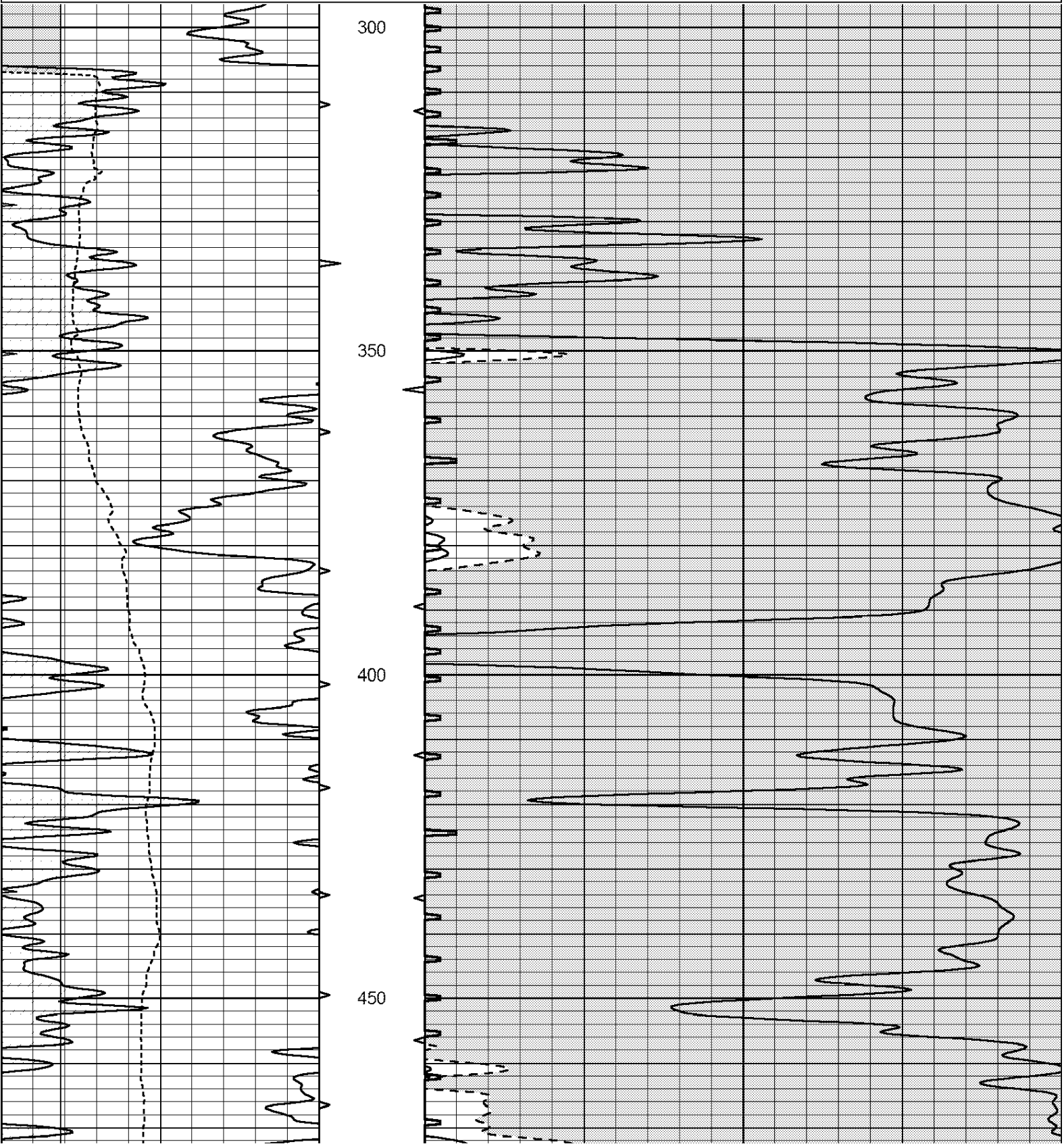


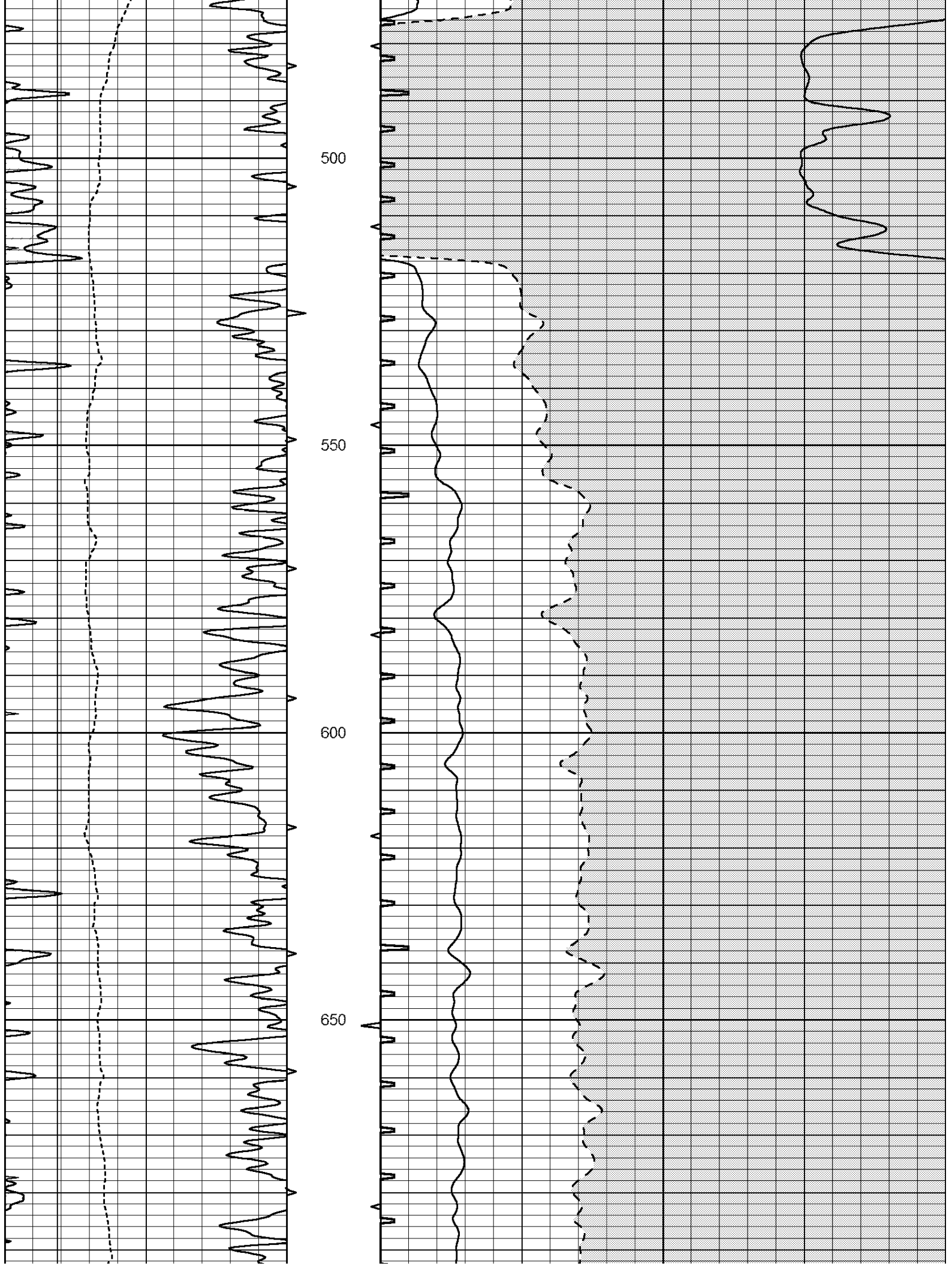
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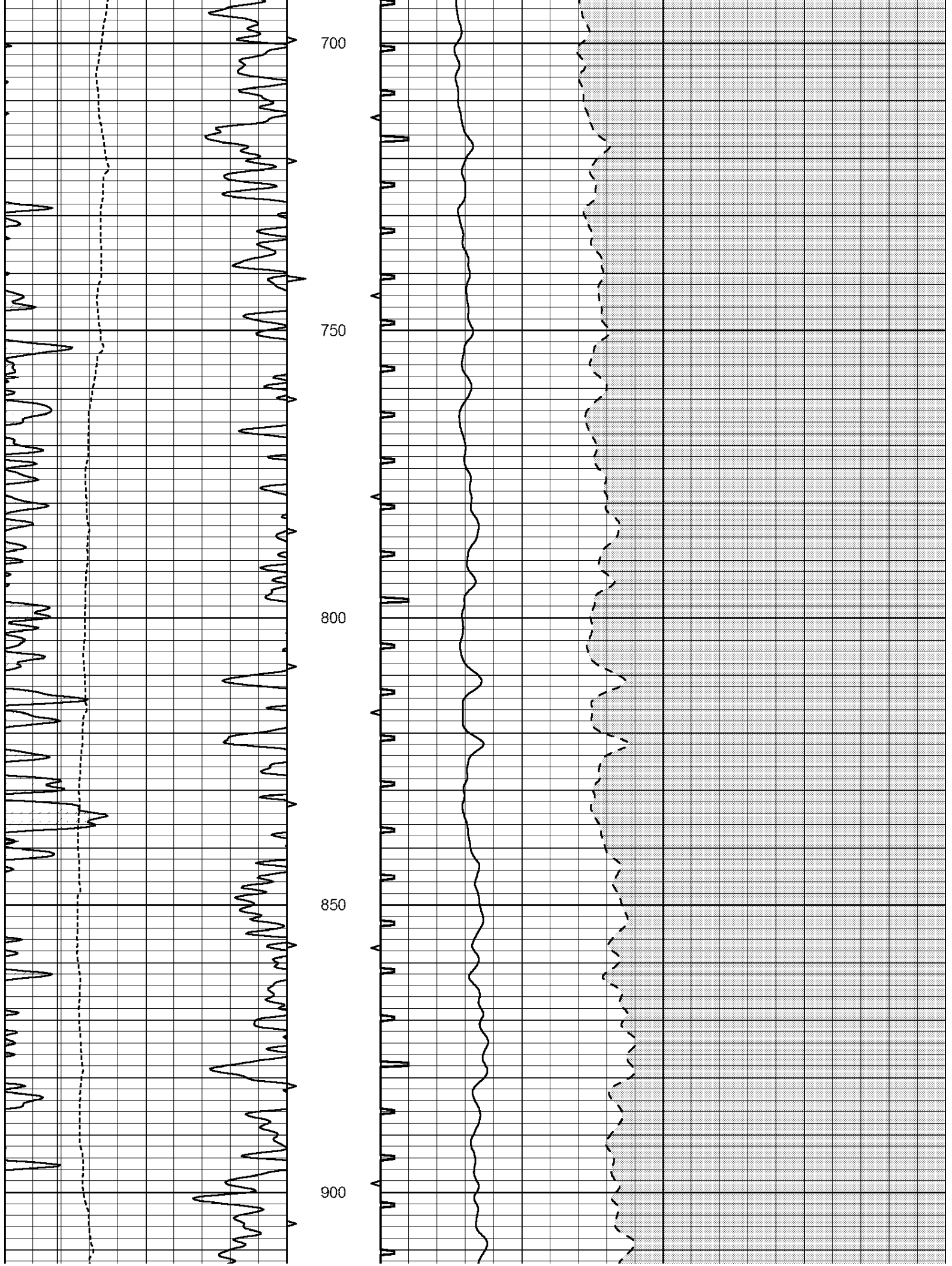
MAIN SECTION

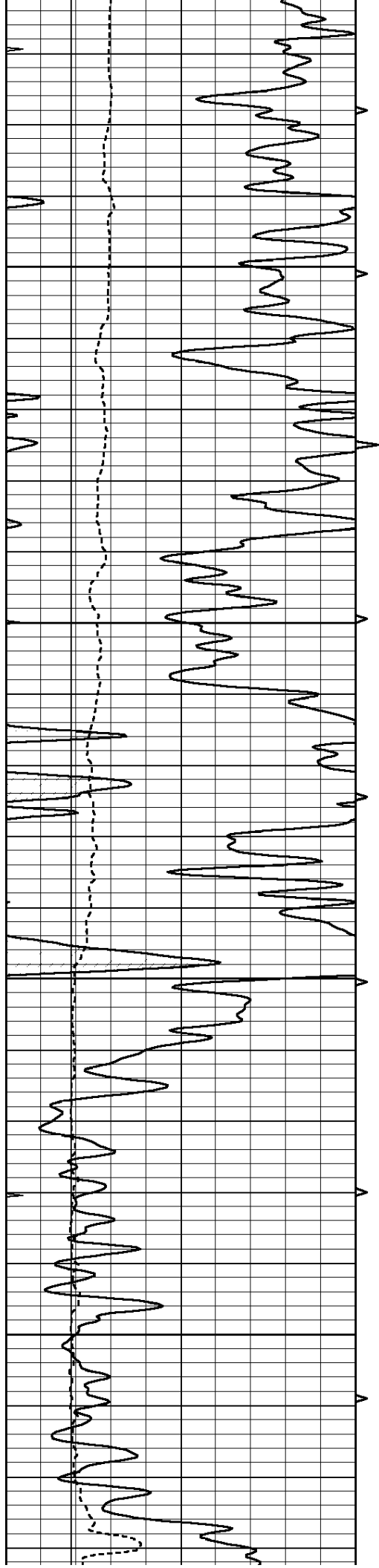
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Dataset Pathname: pass6.2
Presentation Format: _slt
Dataset Creation: Fri Sep 25 09:28:40 2015 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

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







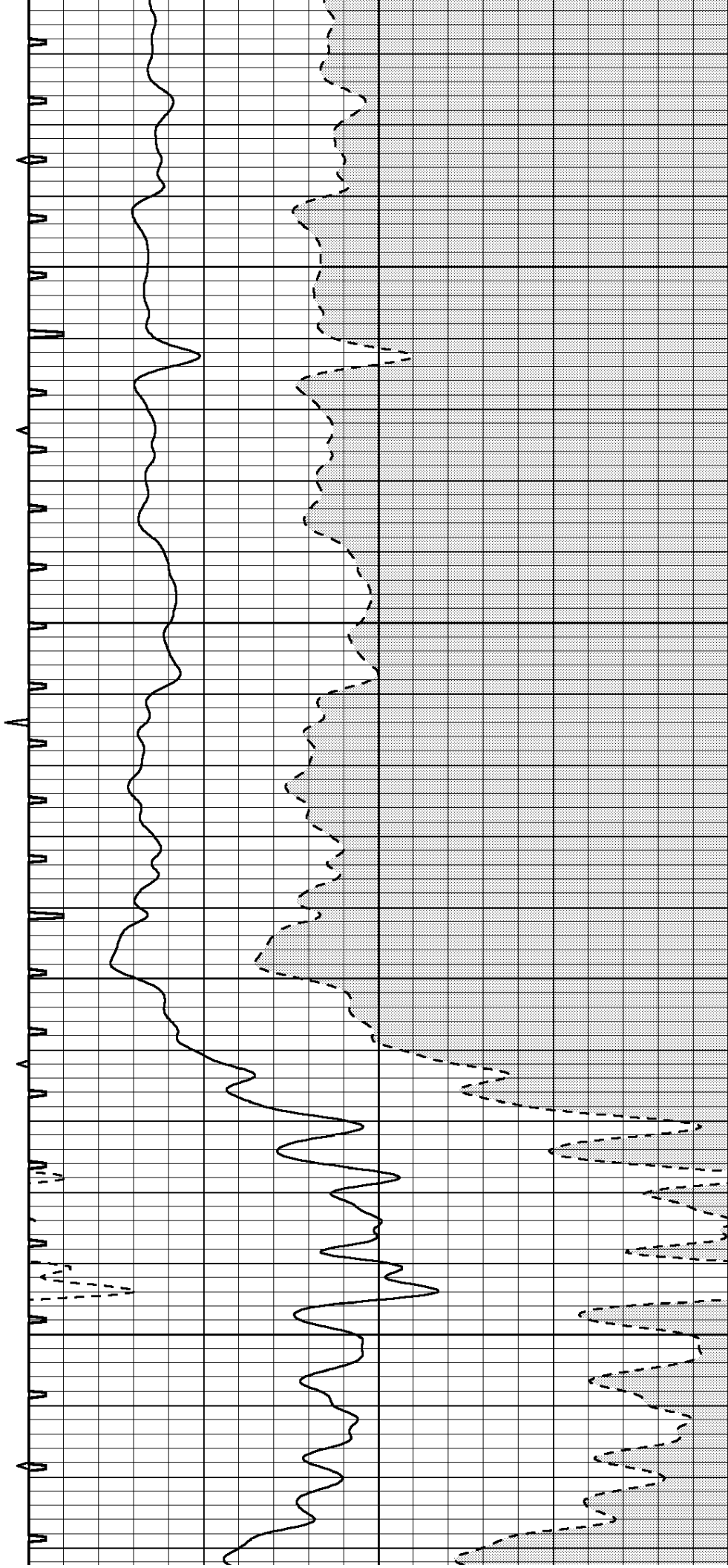


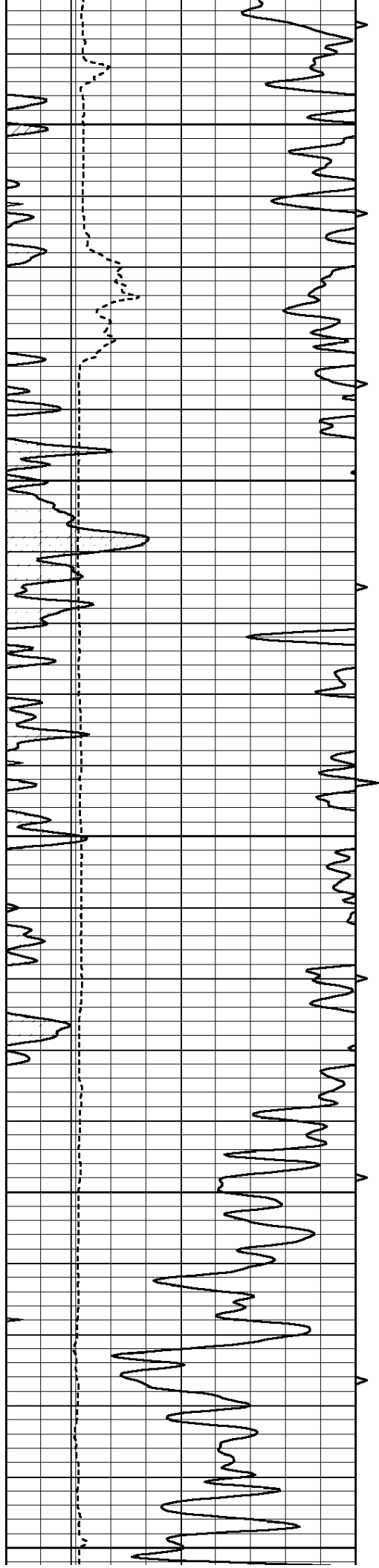
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1100





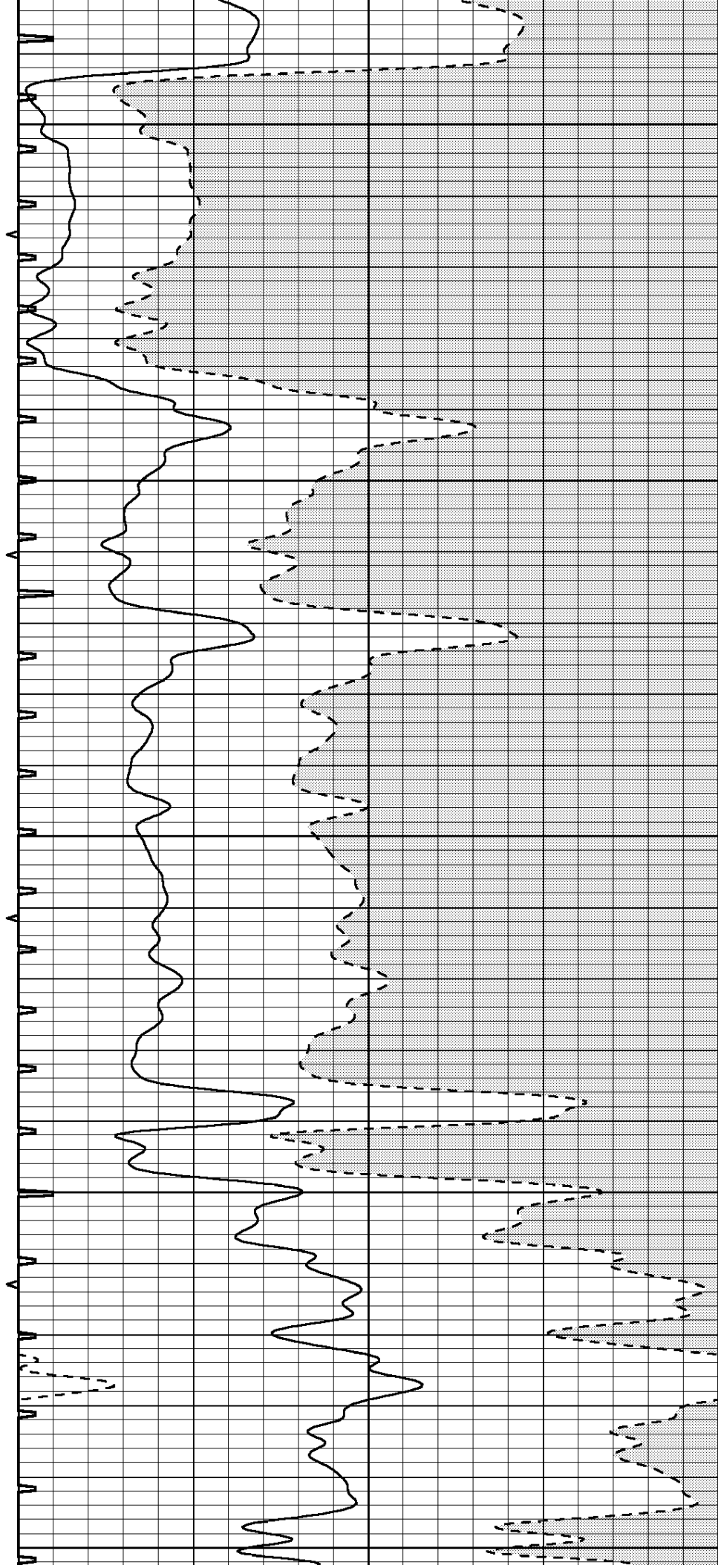
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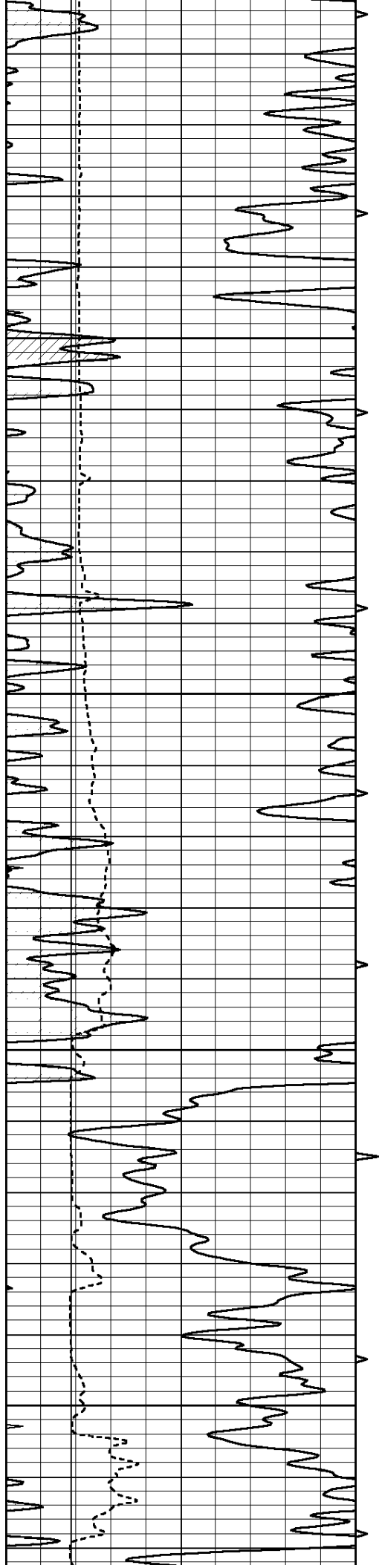
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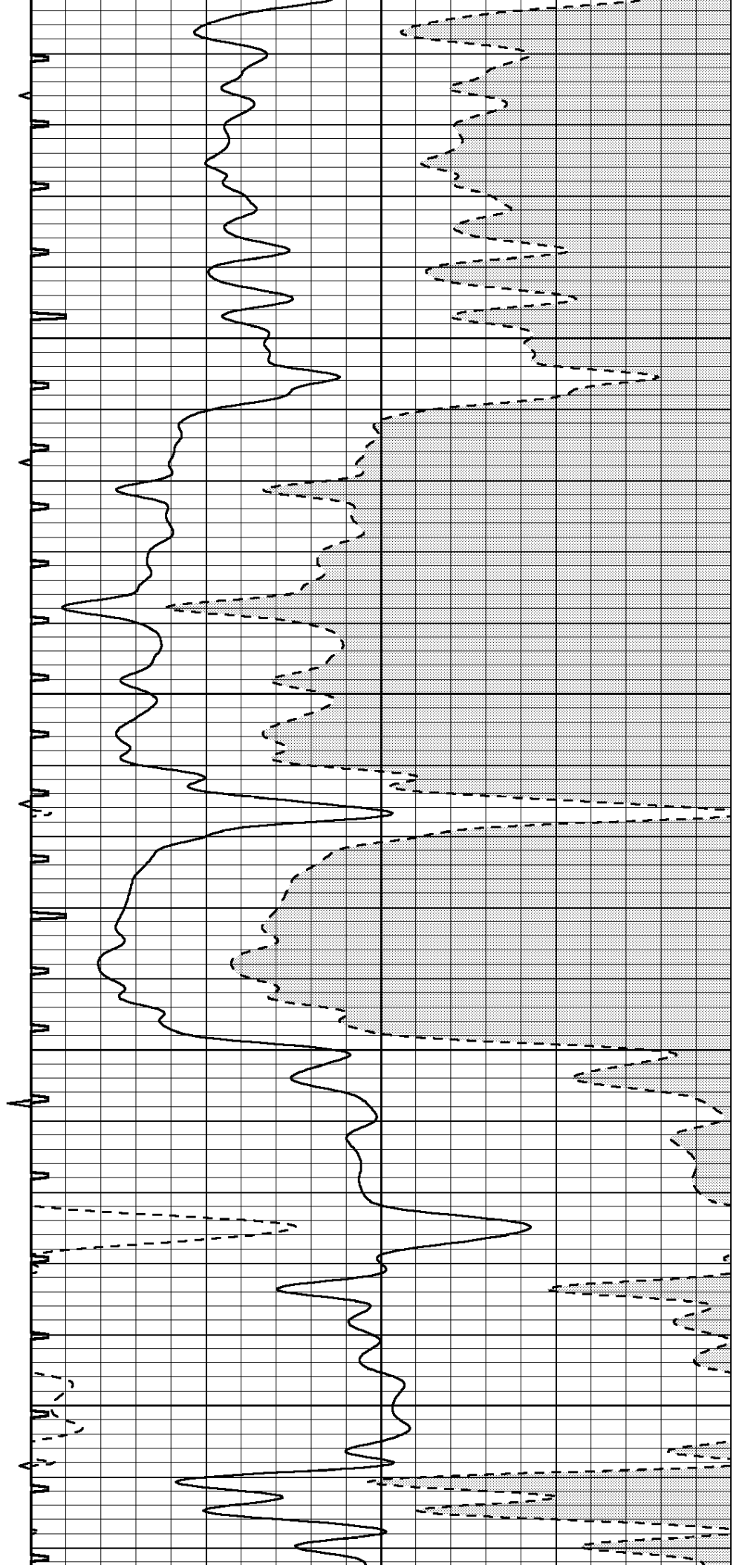


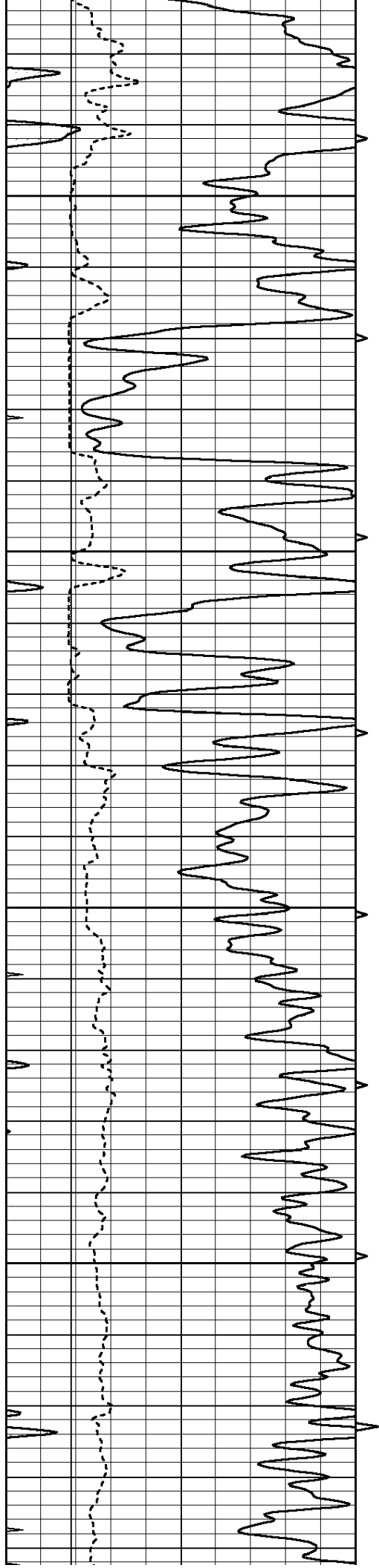
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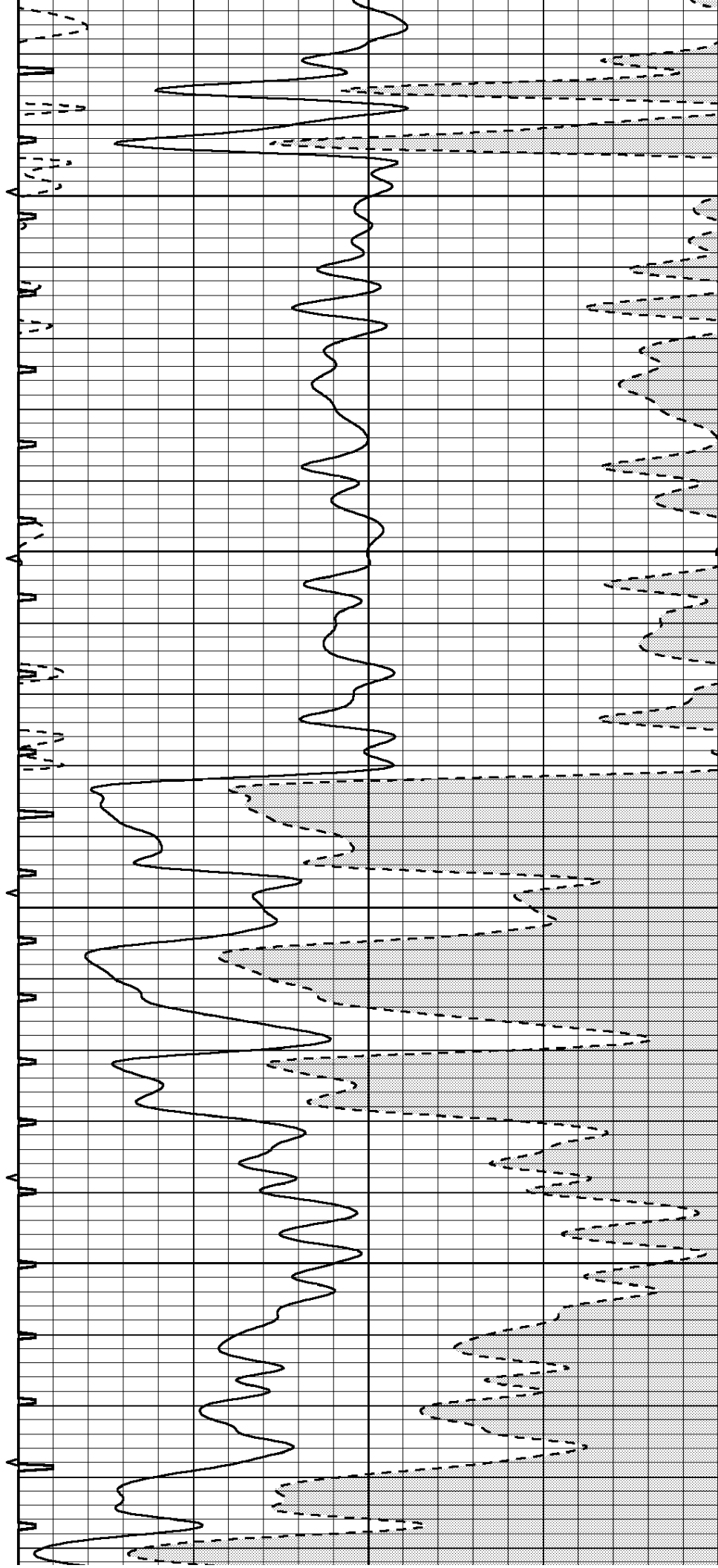


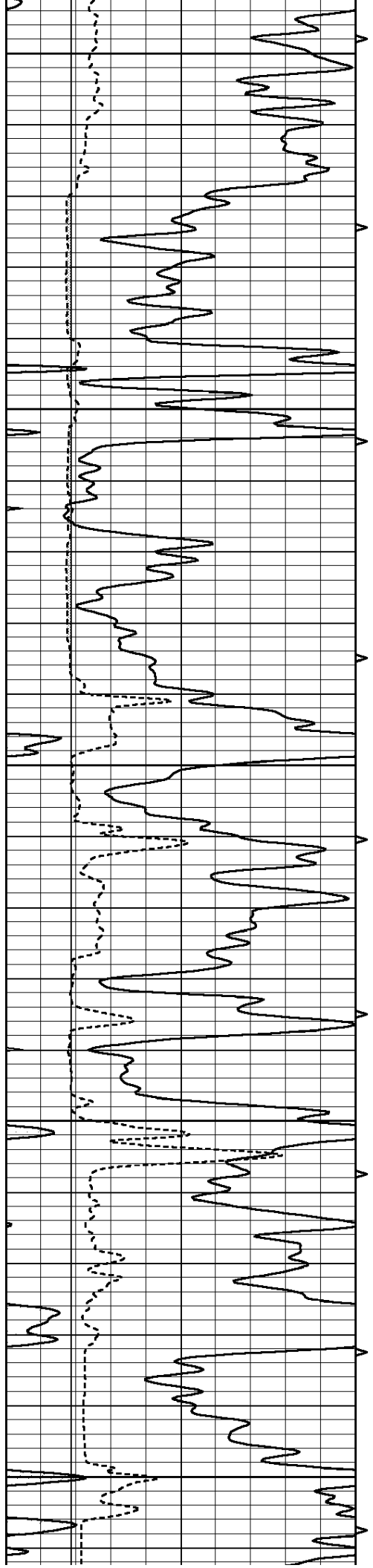
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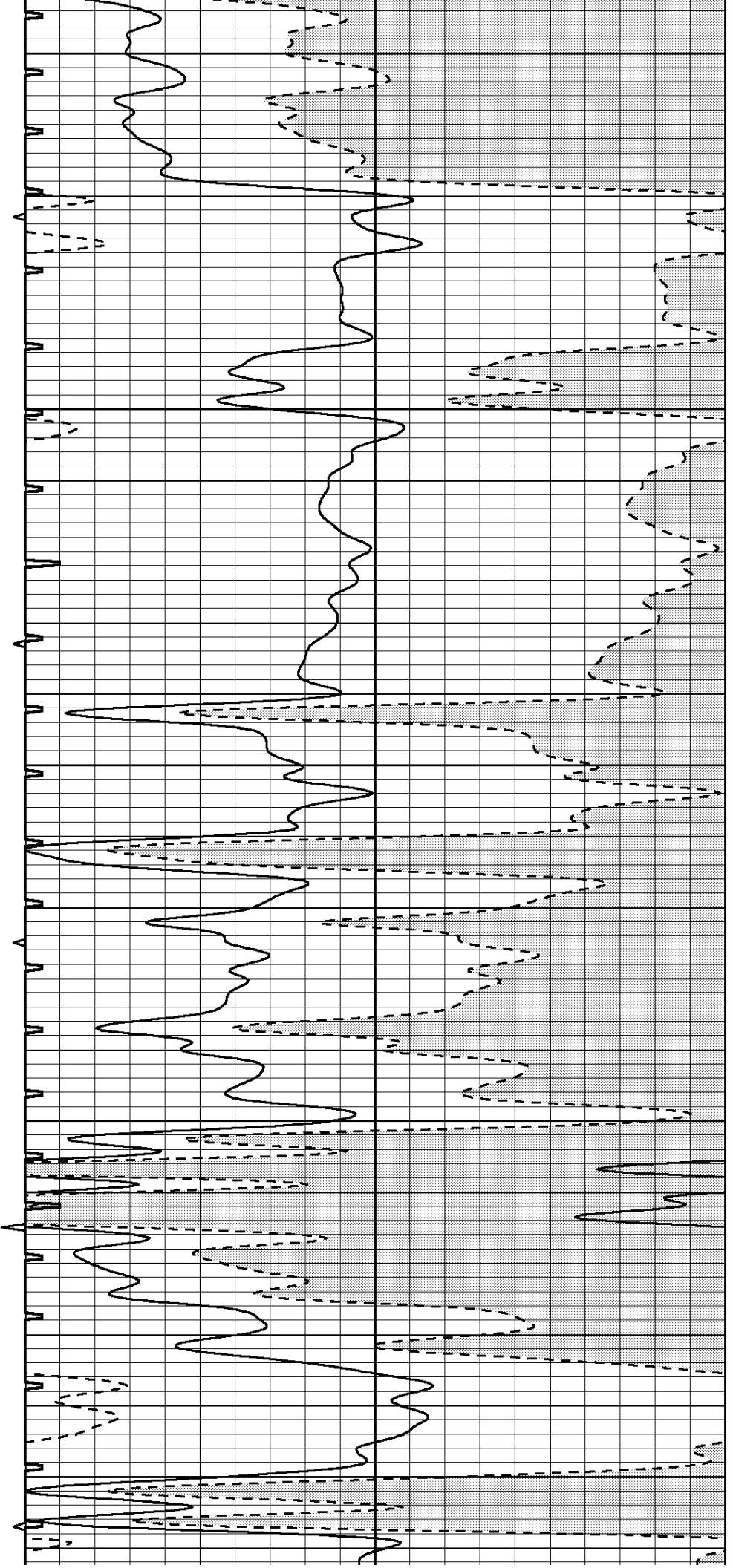
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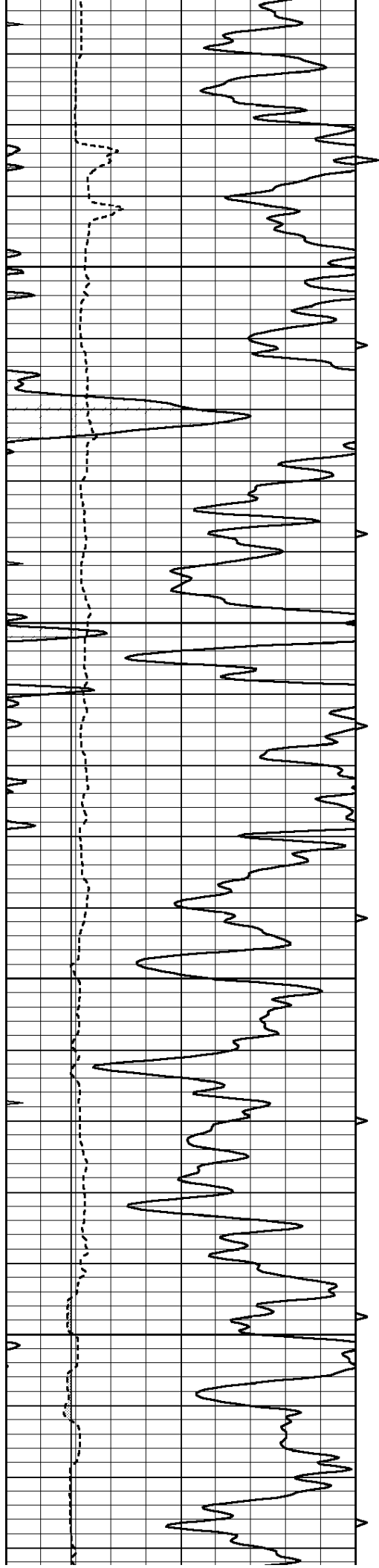
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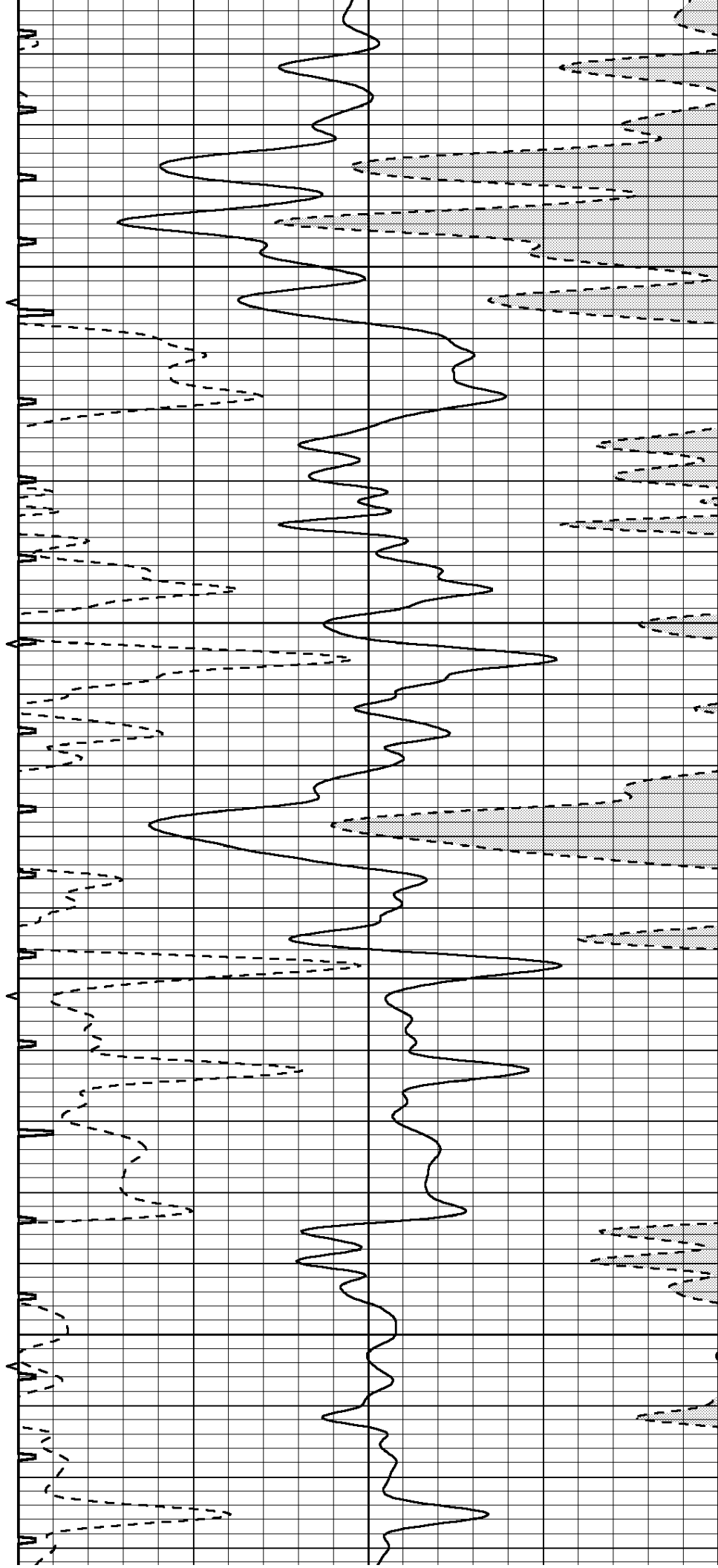


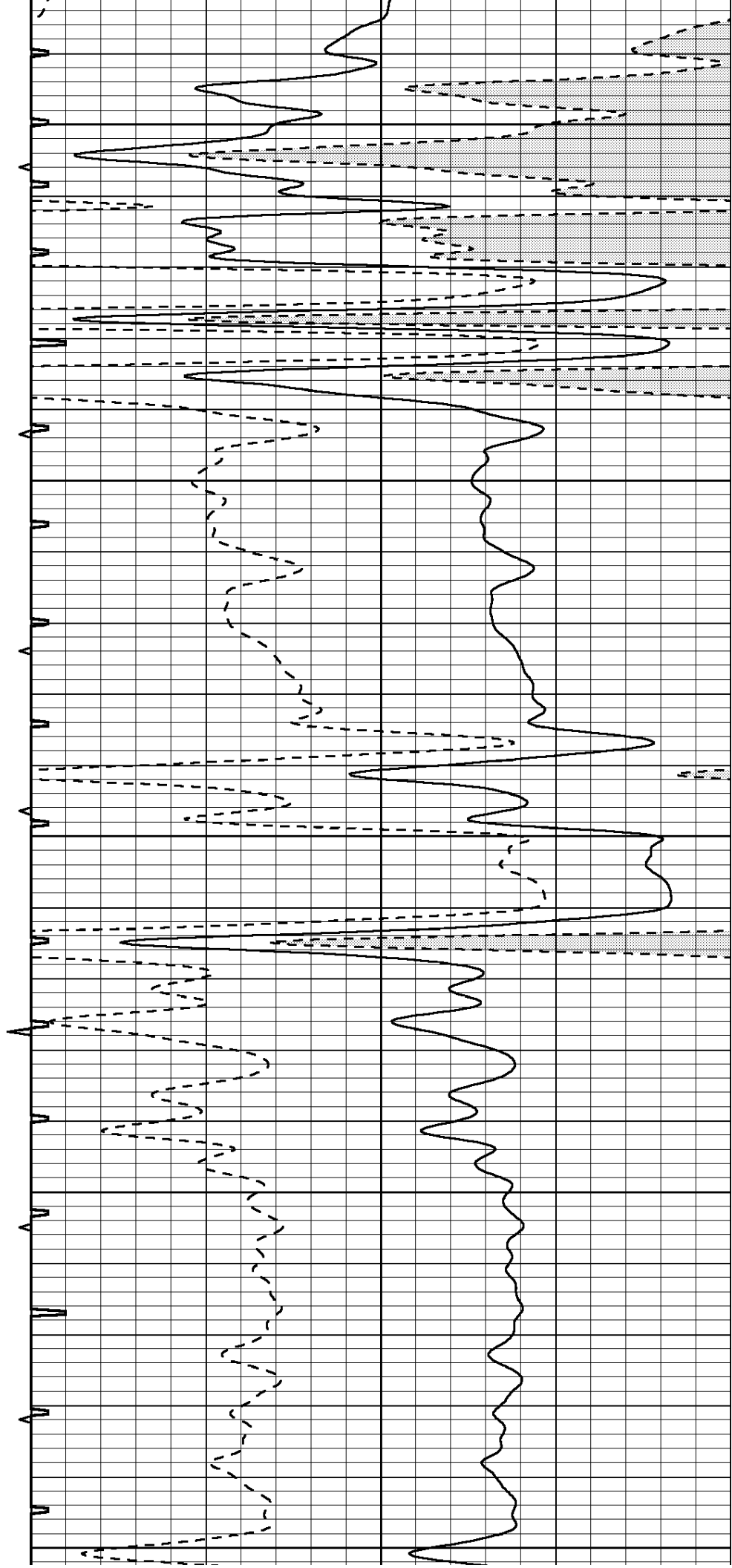
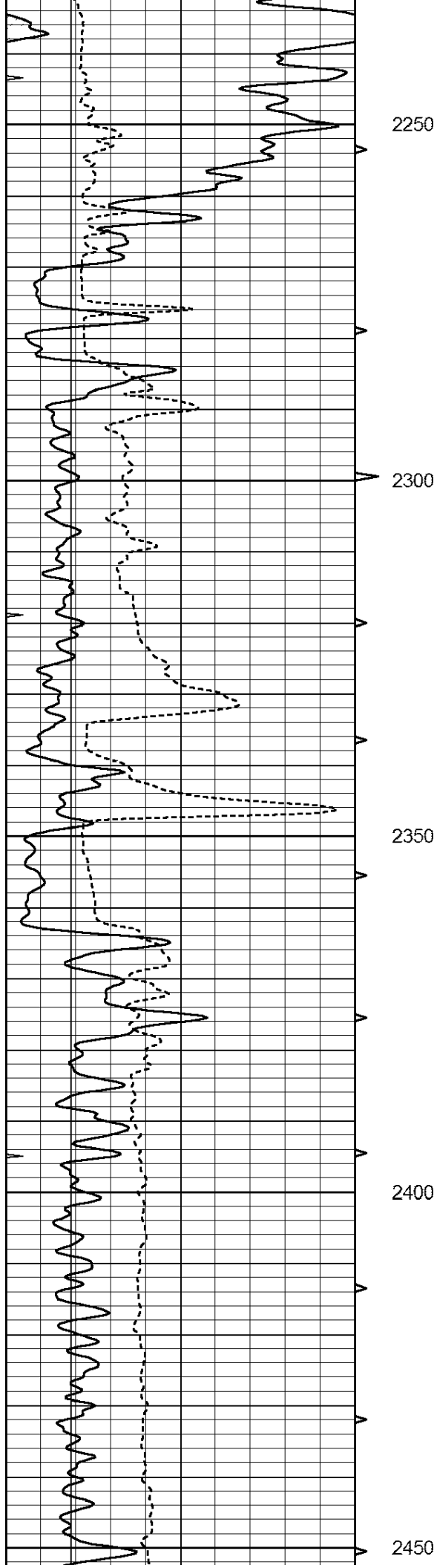
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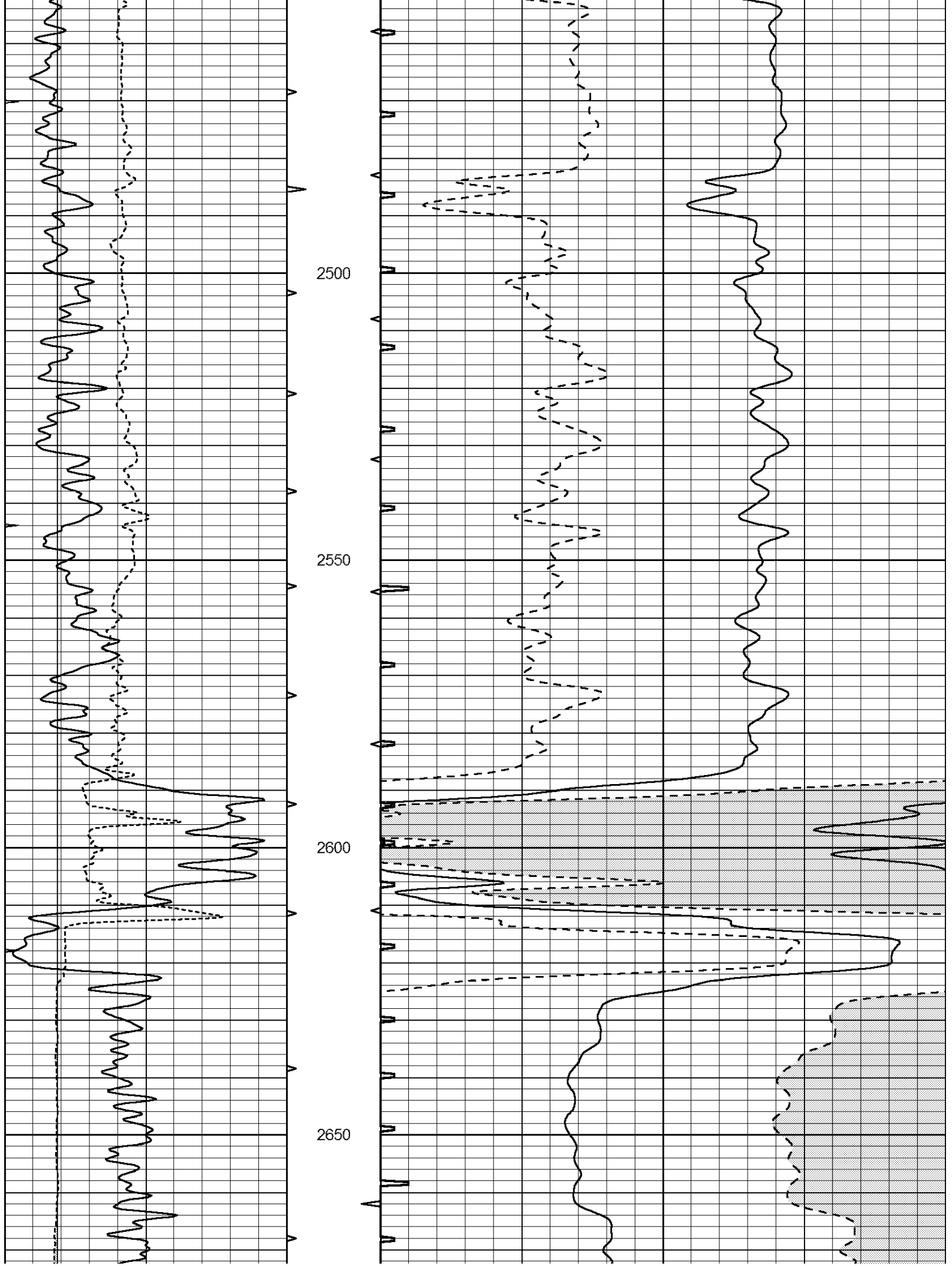
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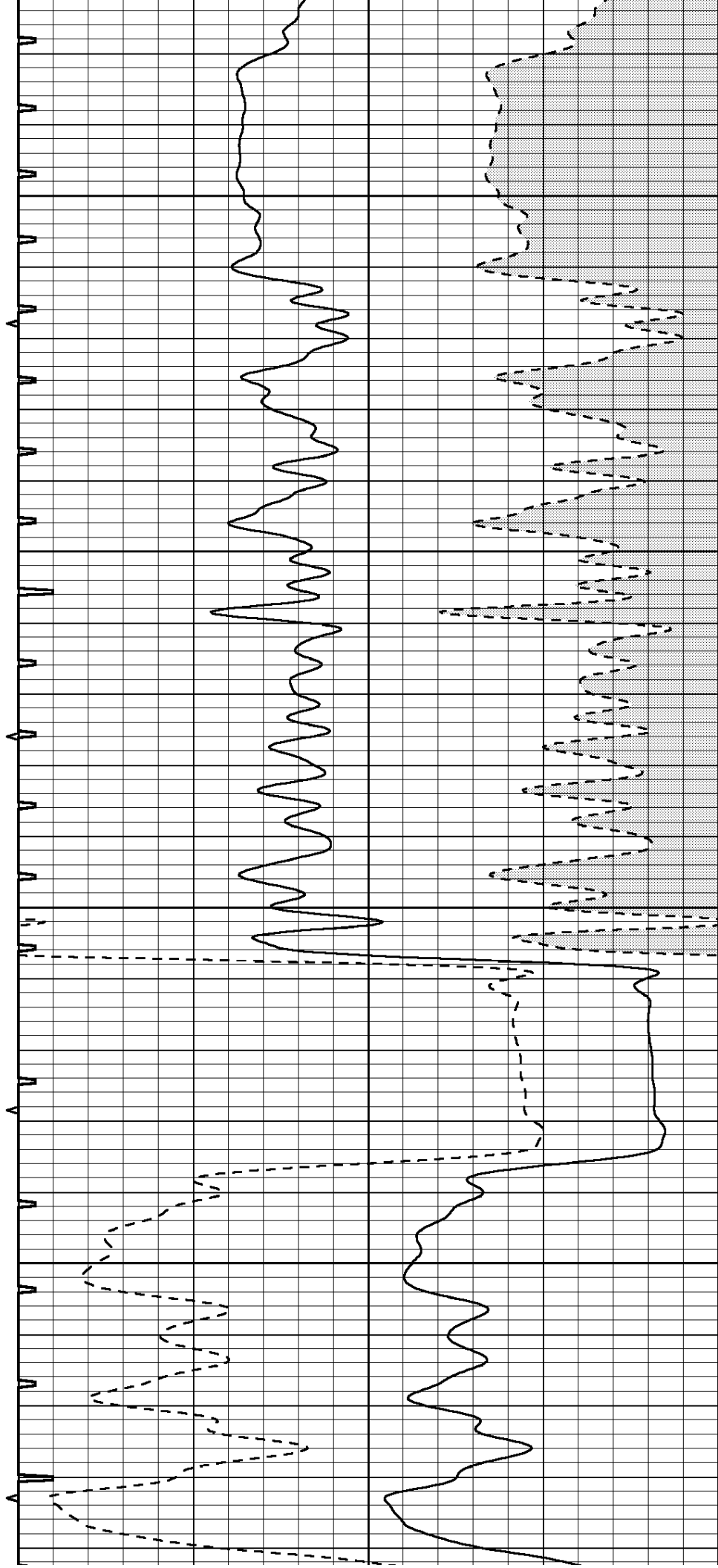
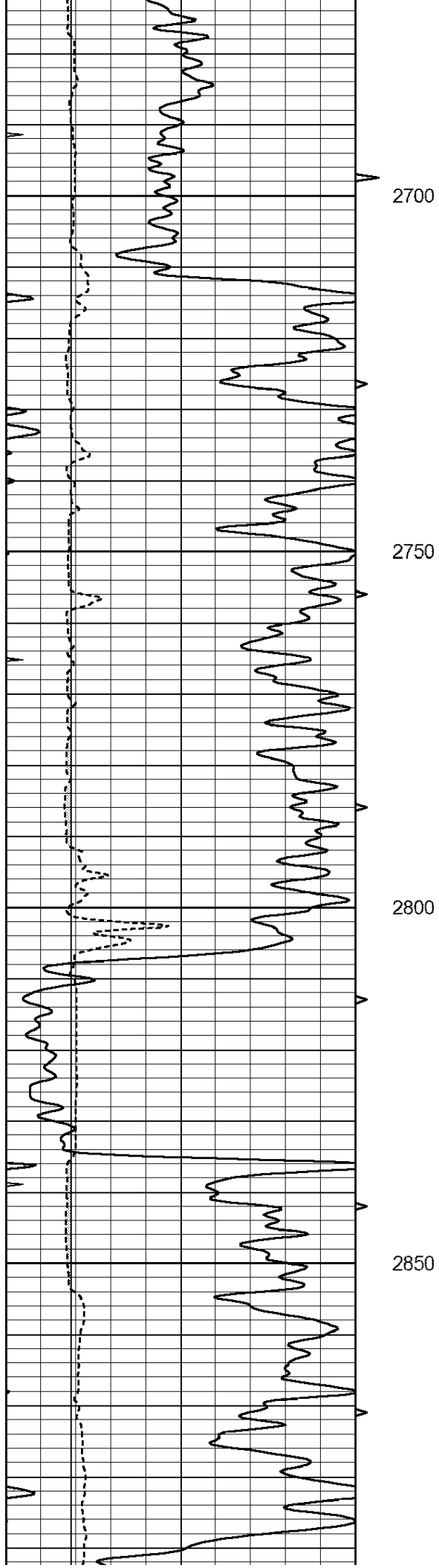
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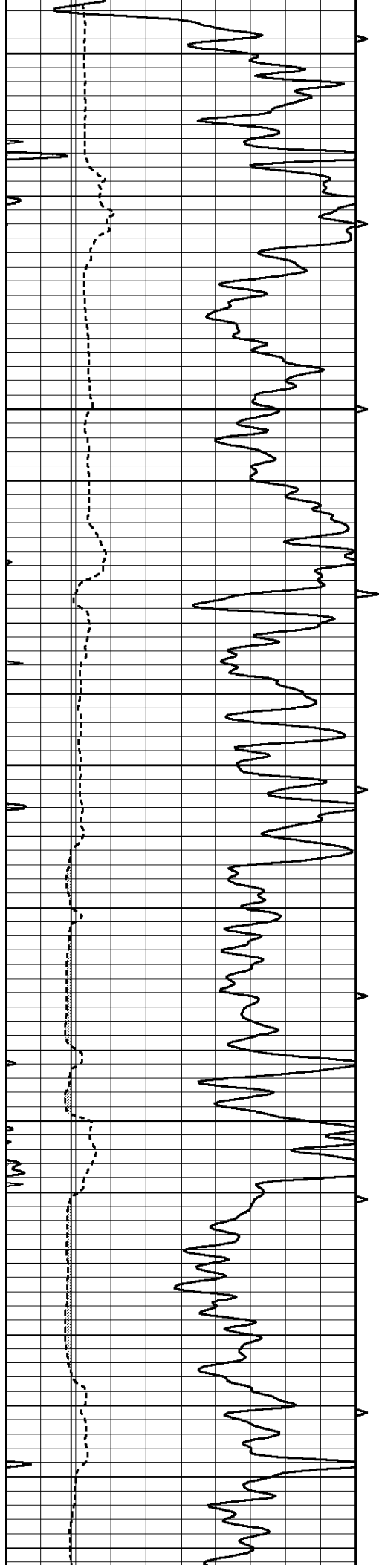
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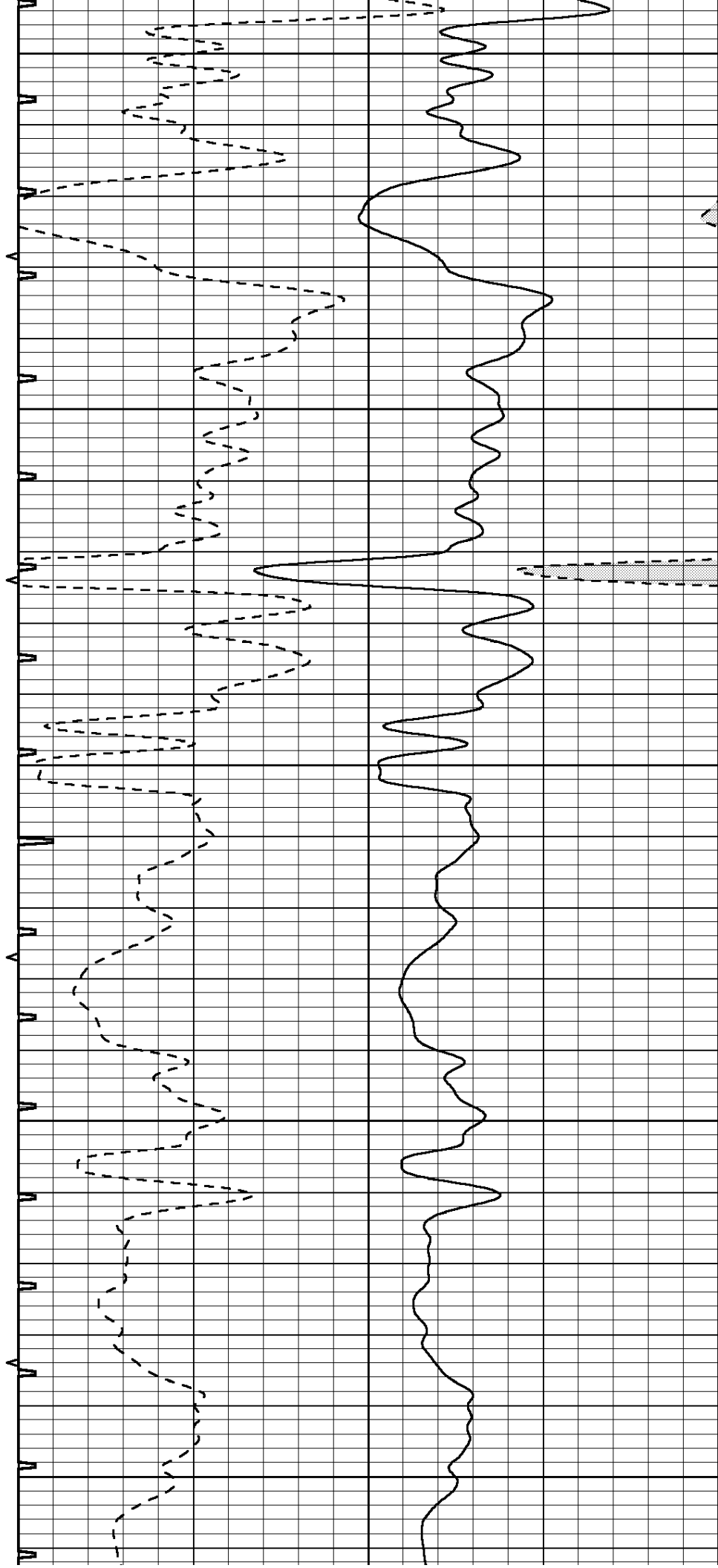
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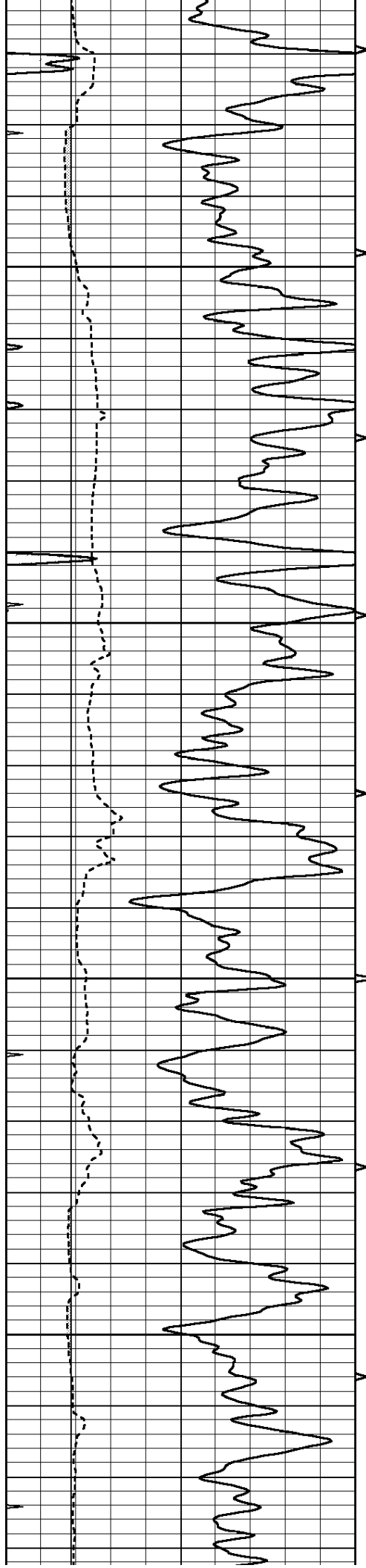
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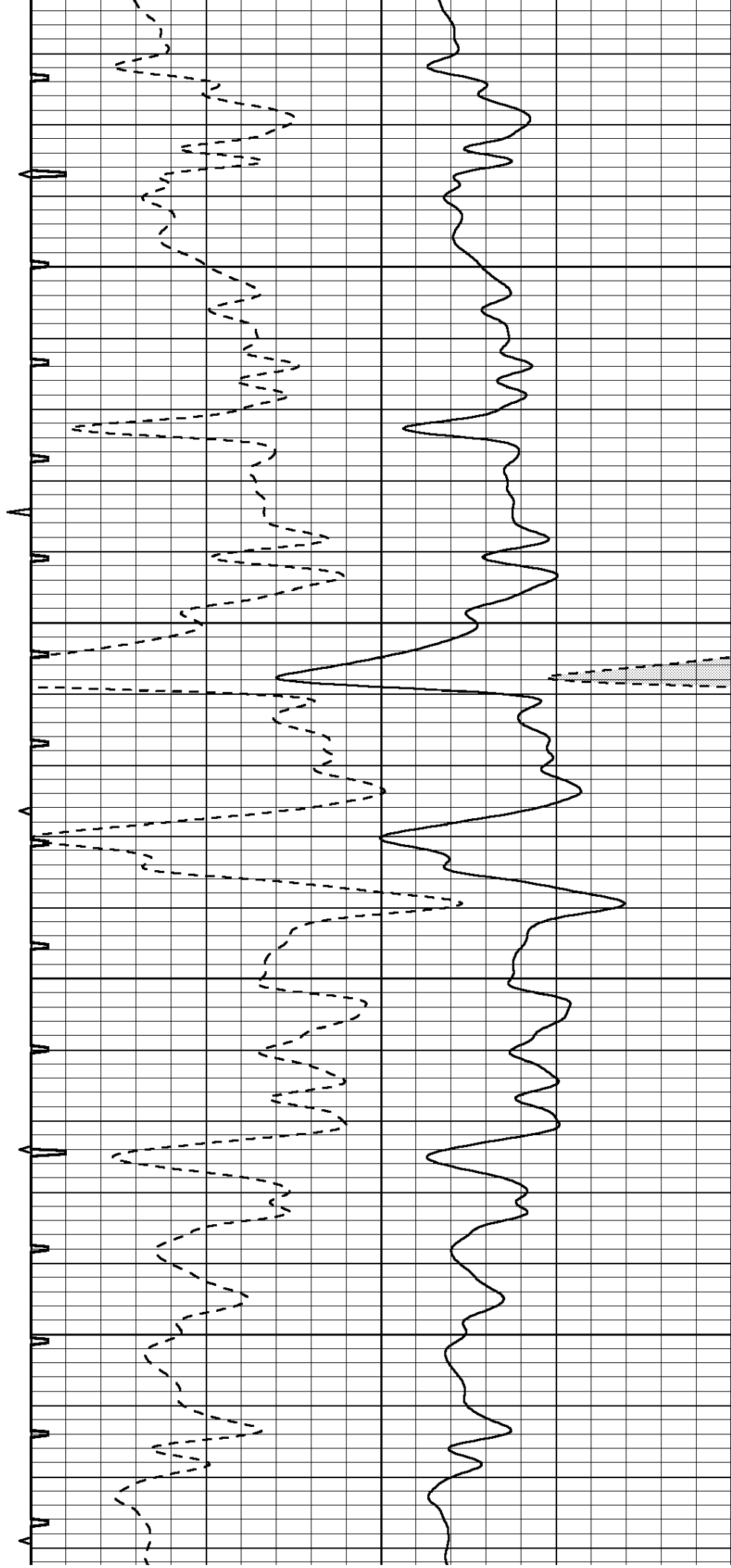


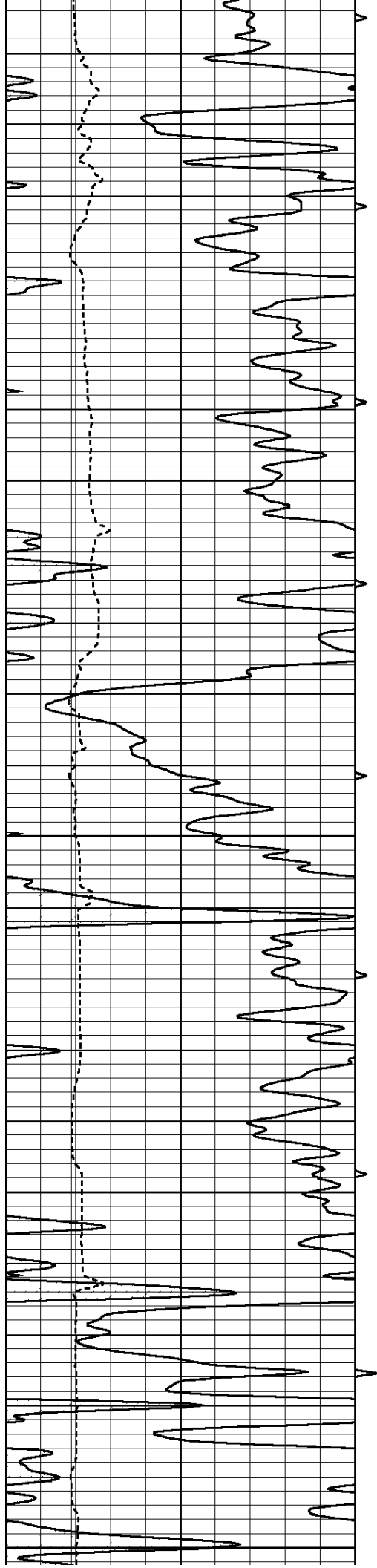
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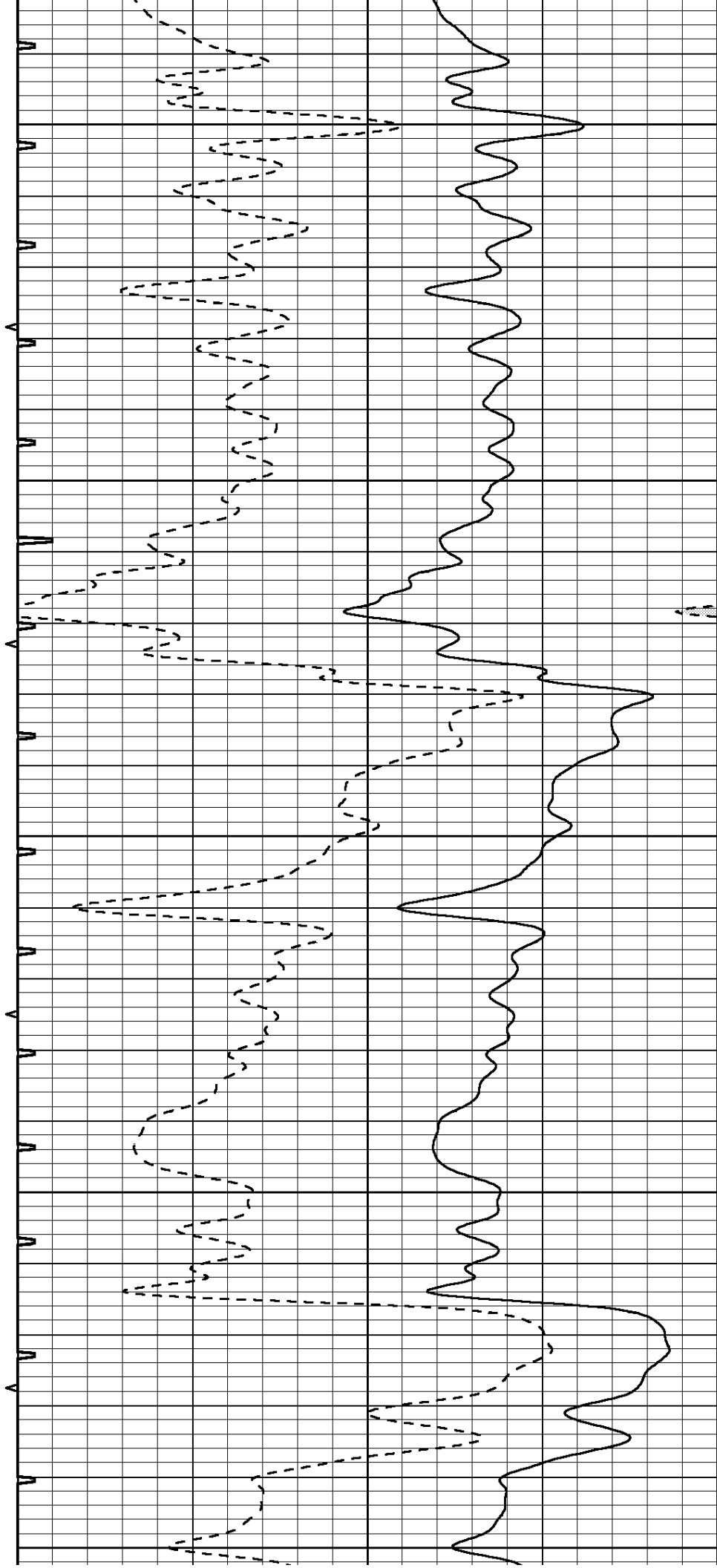
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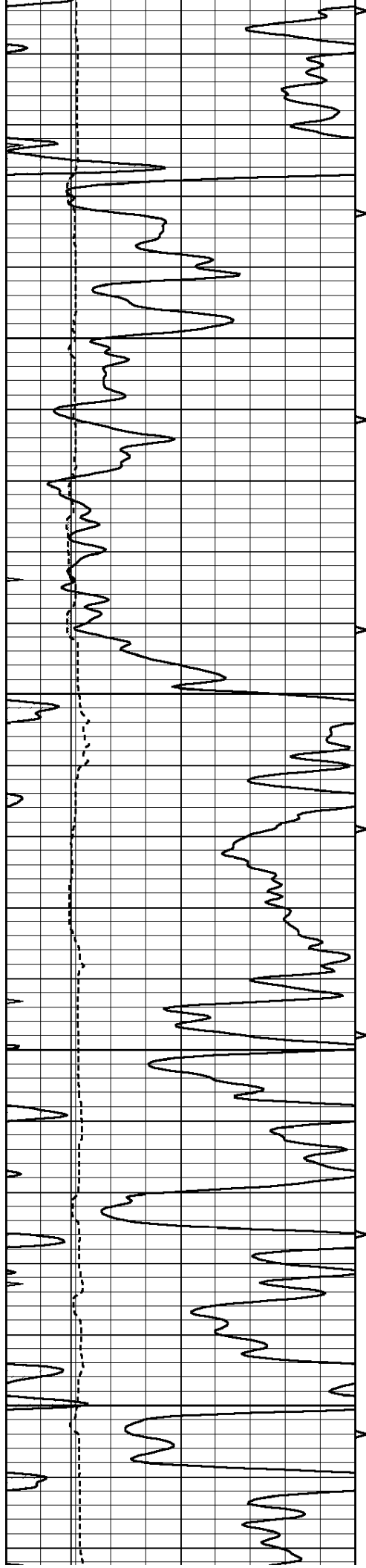
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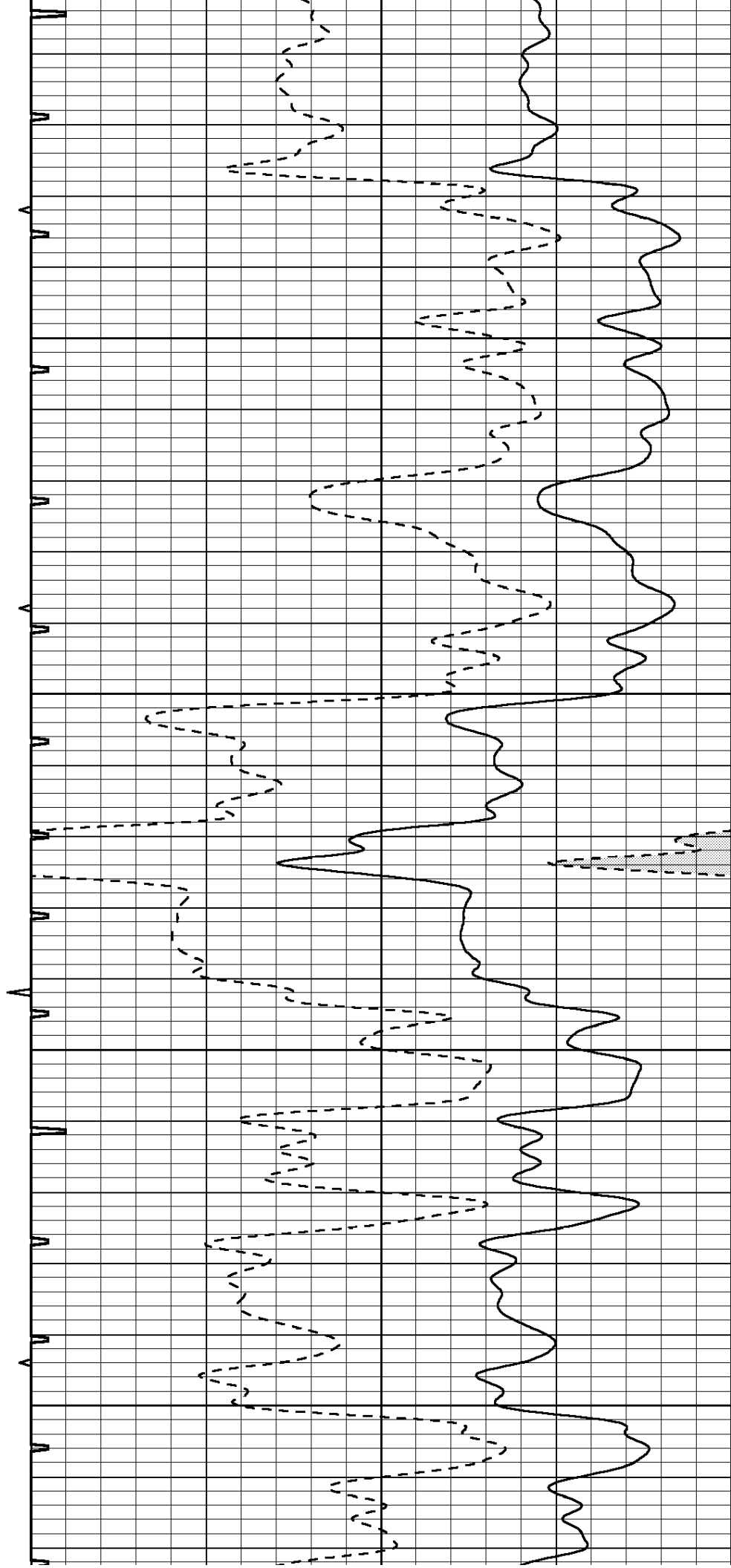


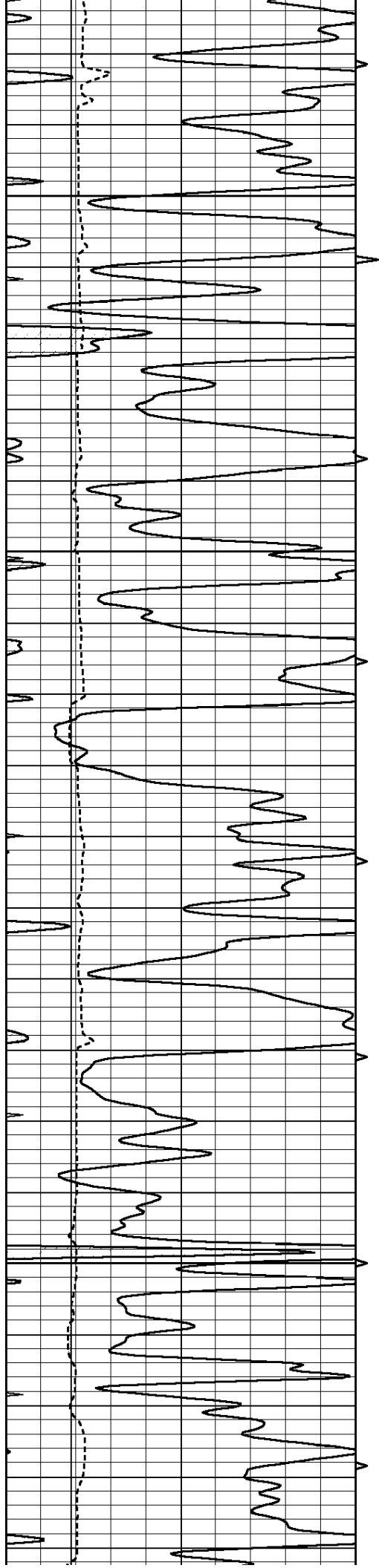
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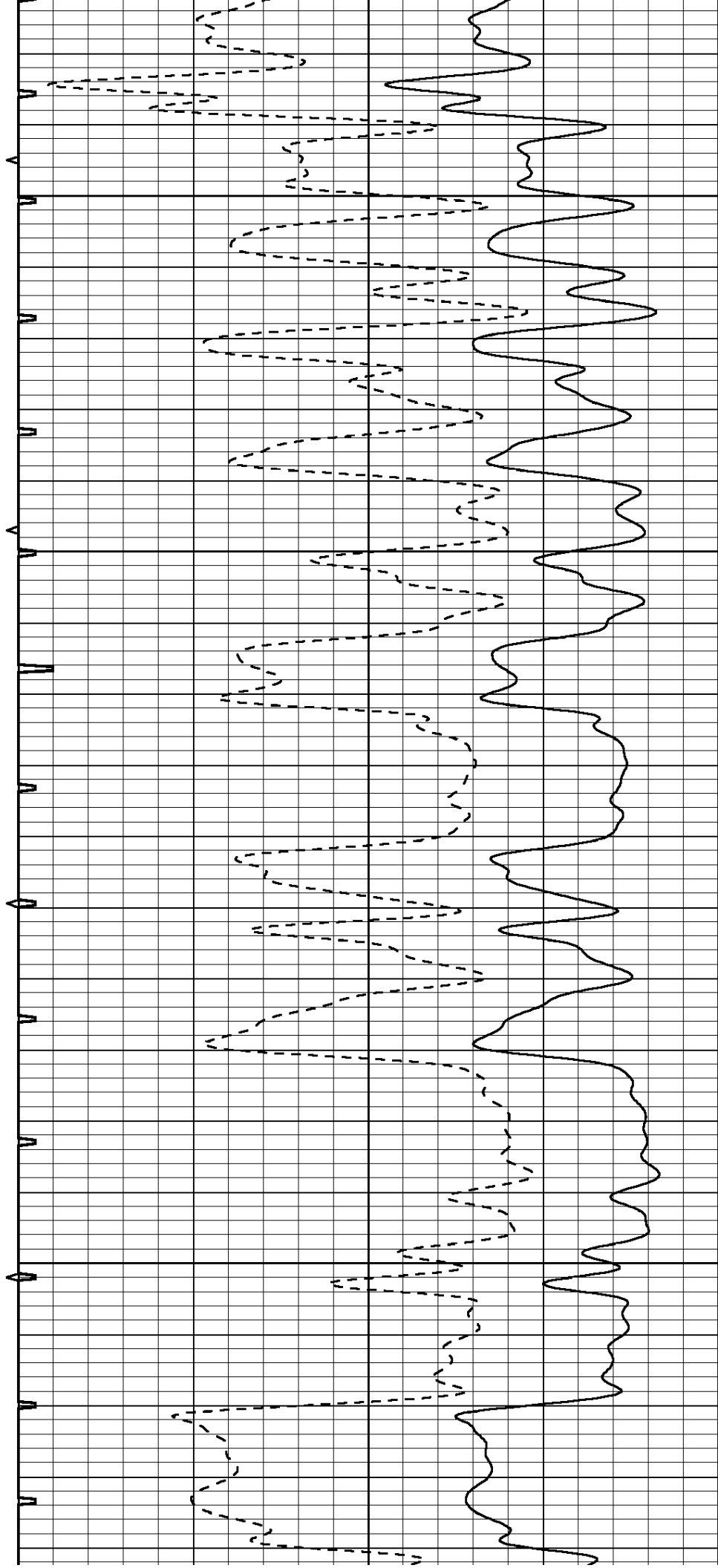


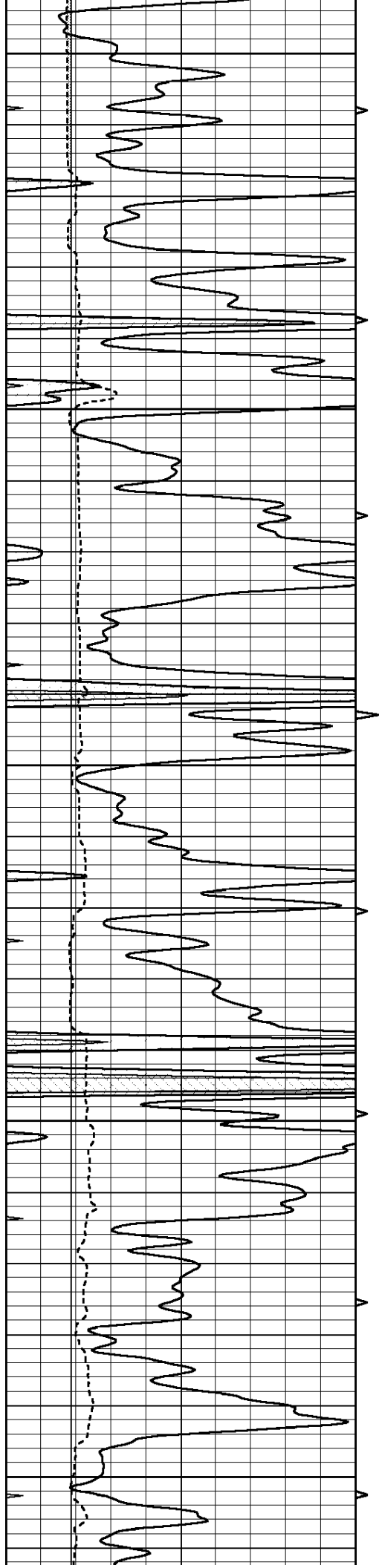
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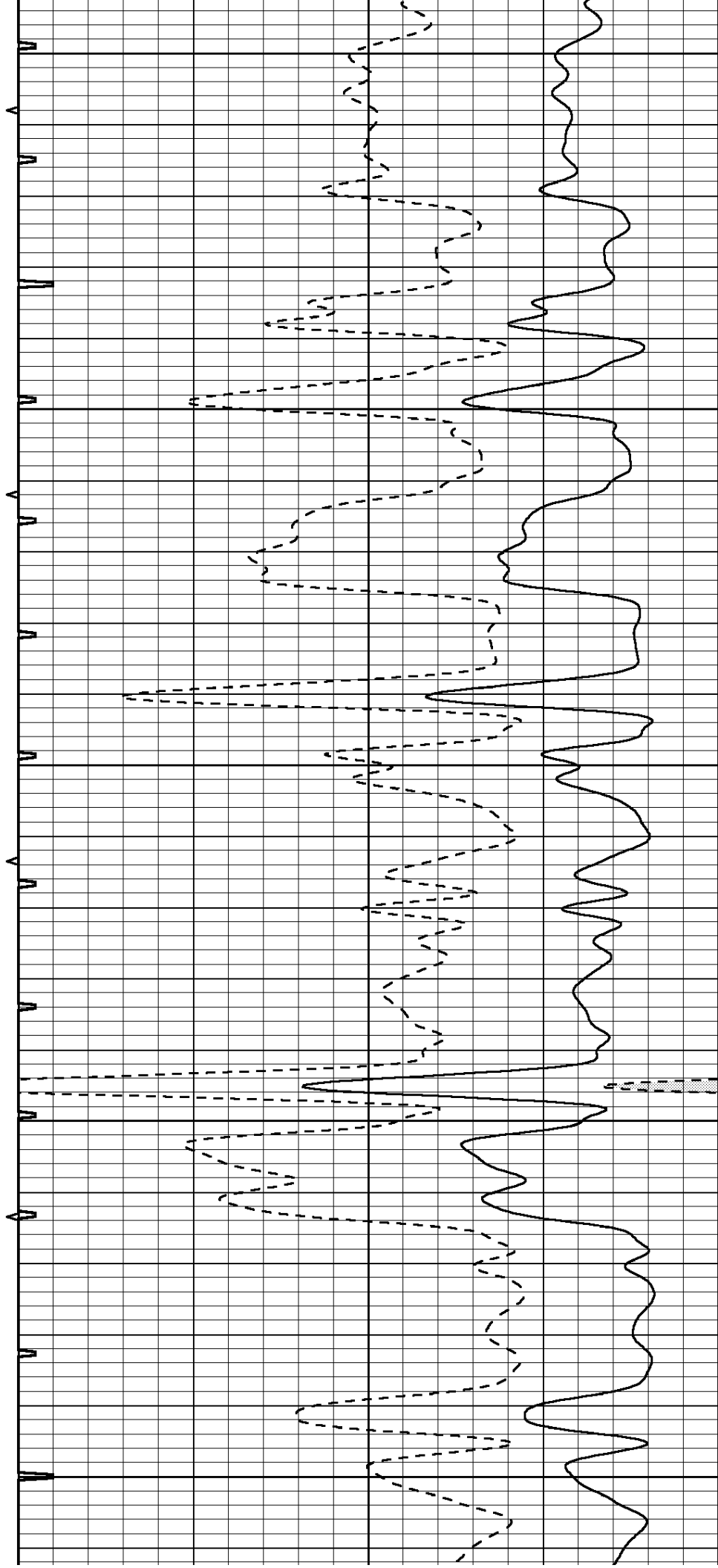
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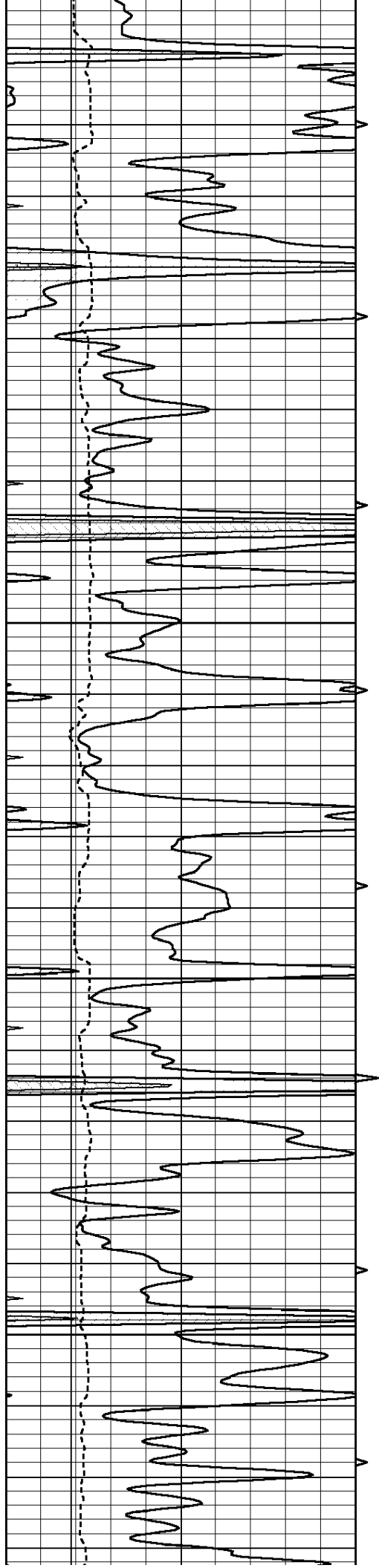
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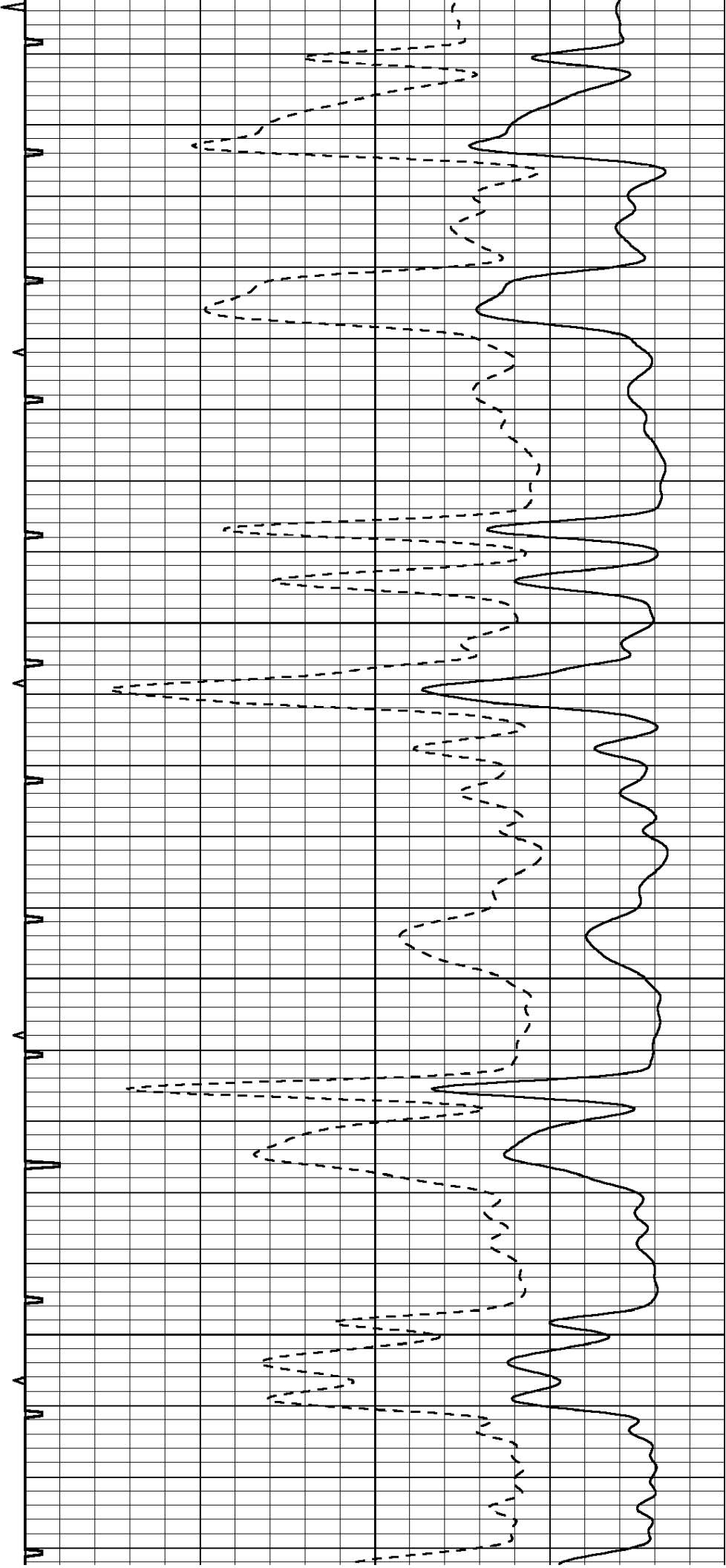


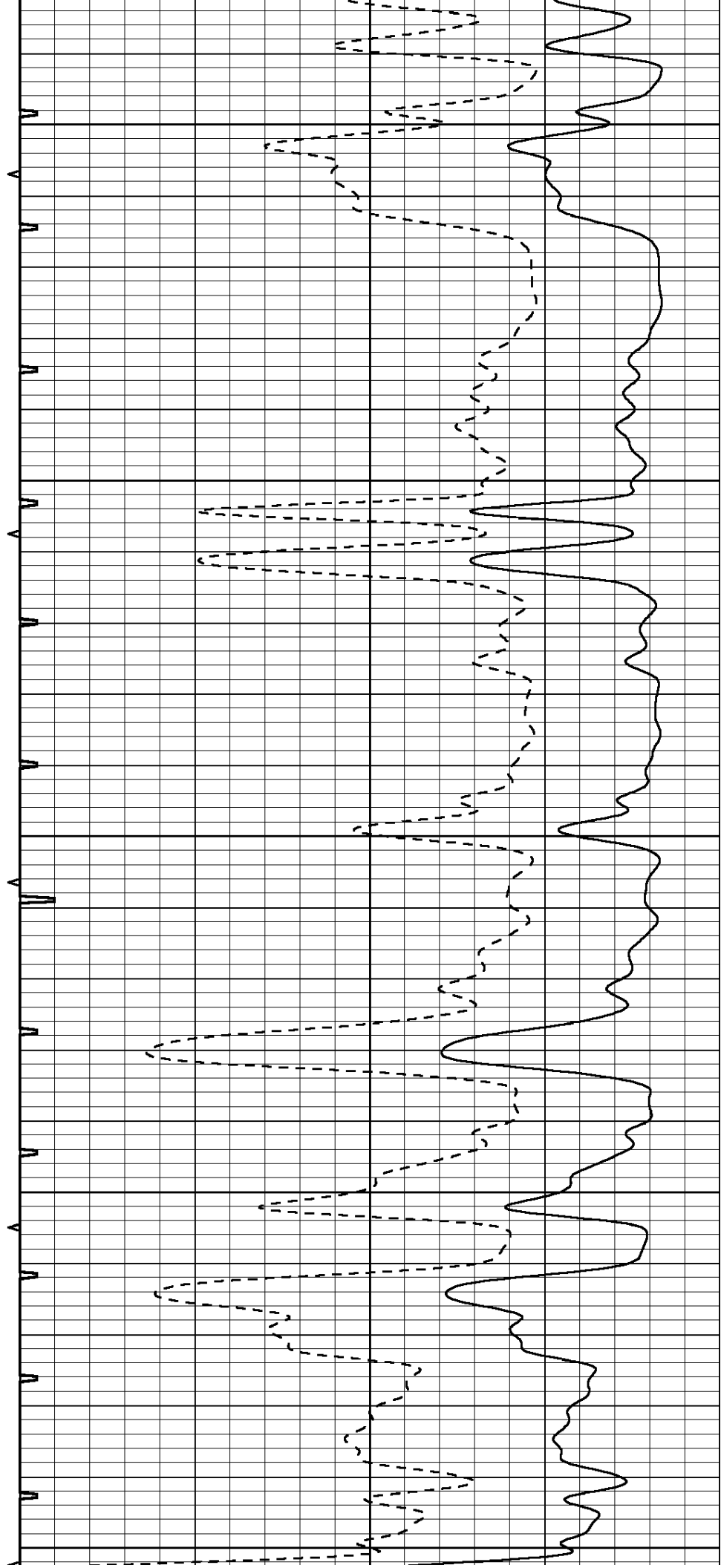
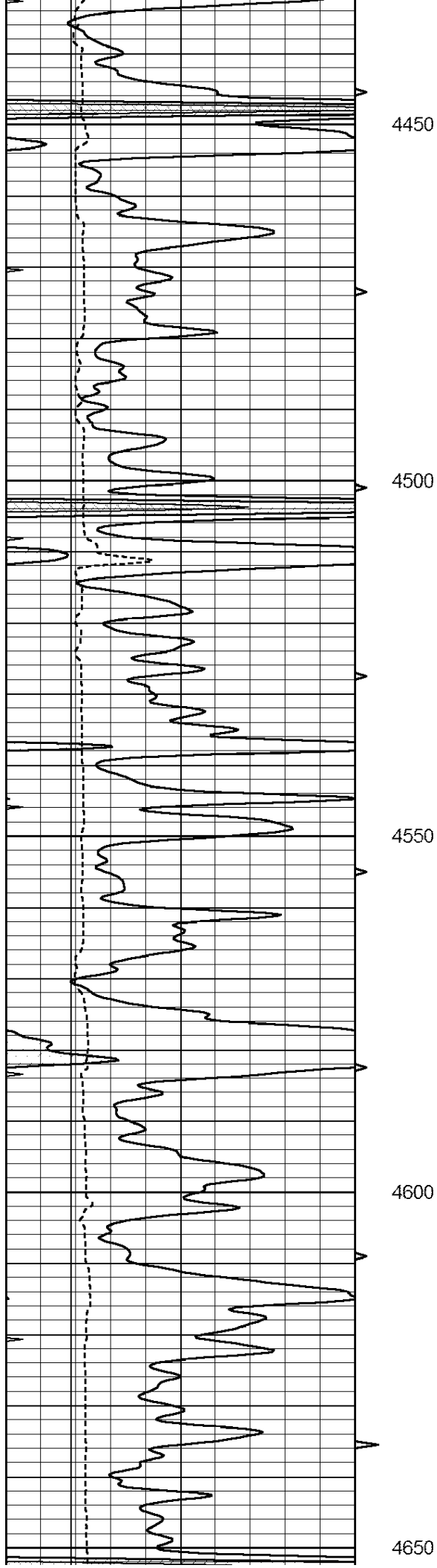
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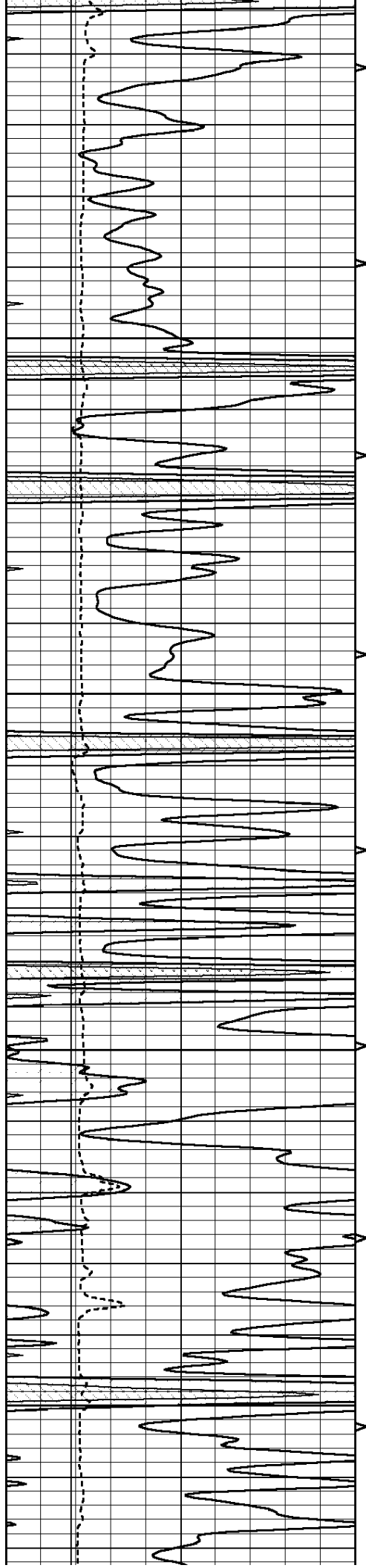
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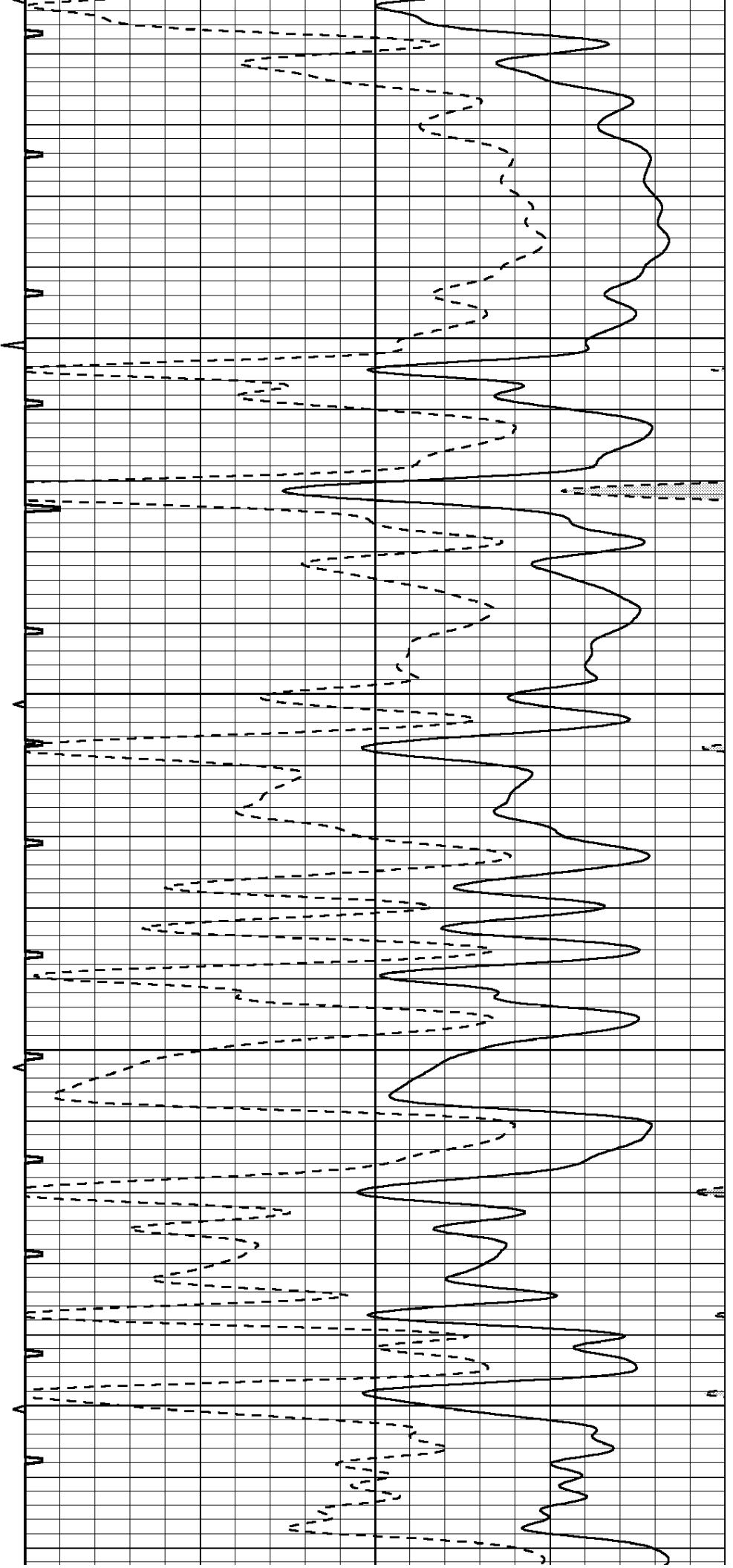


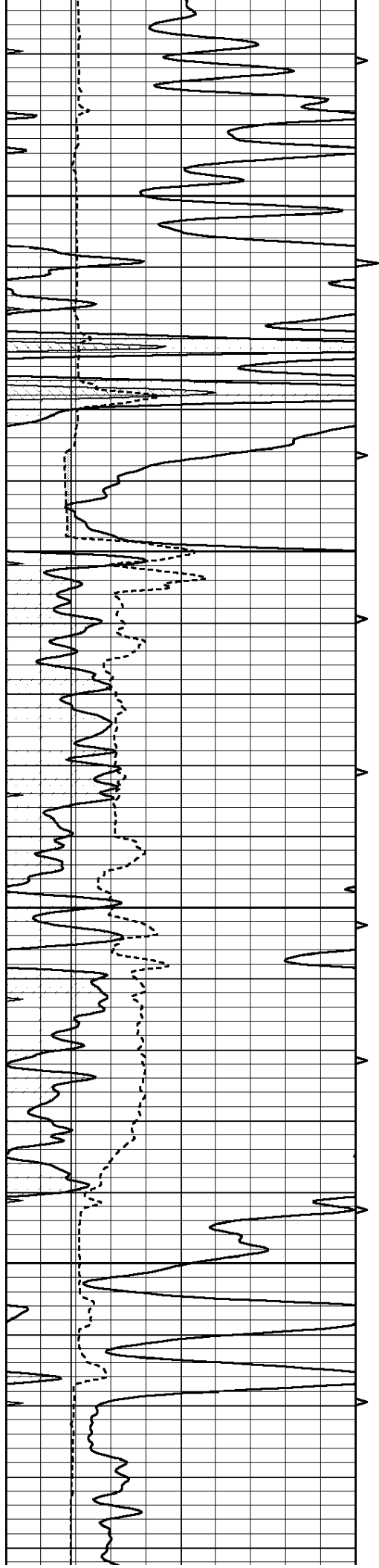
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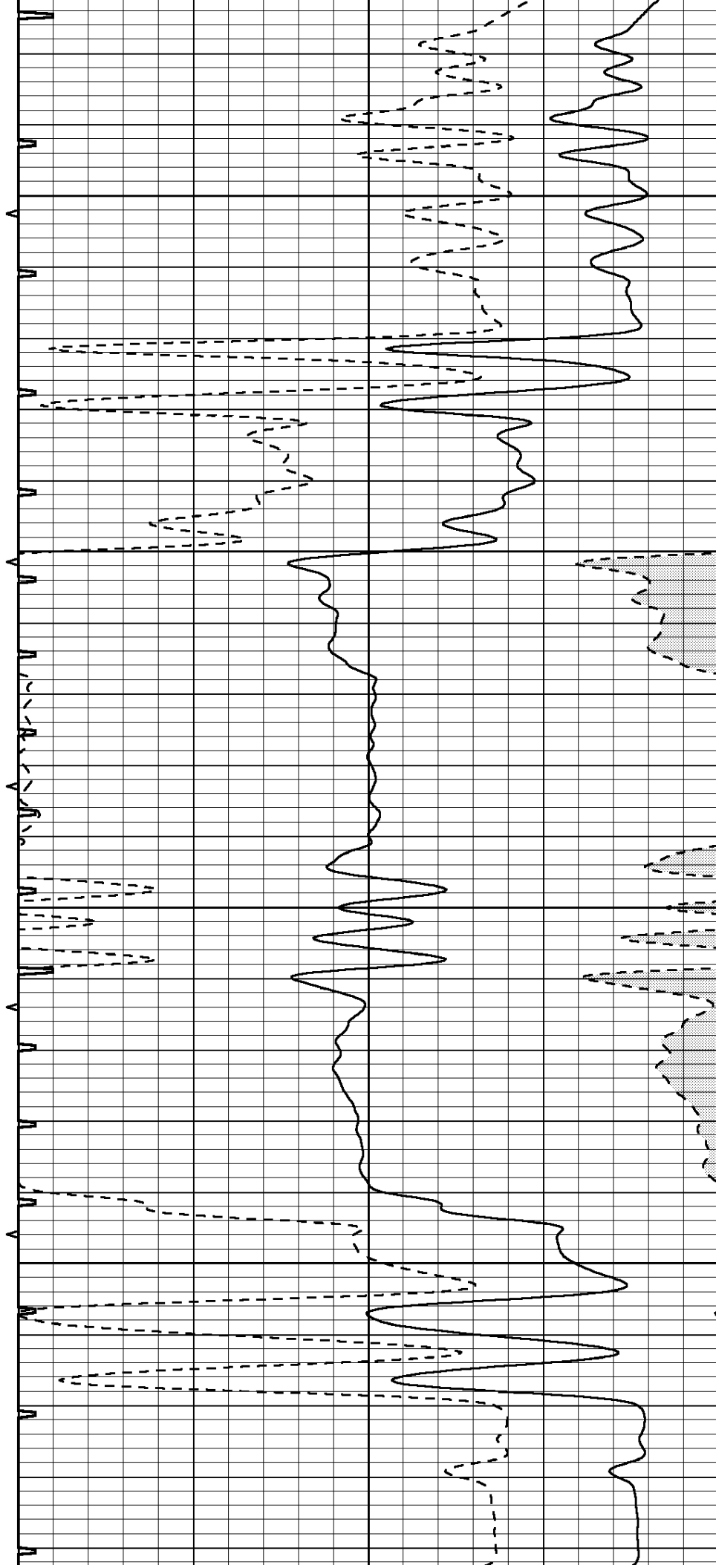


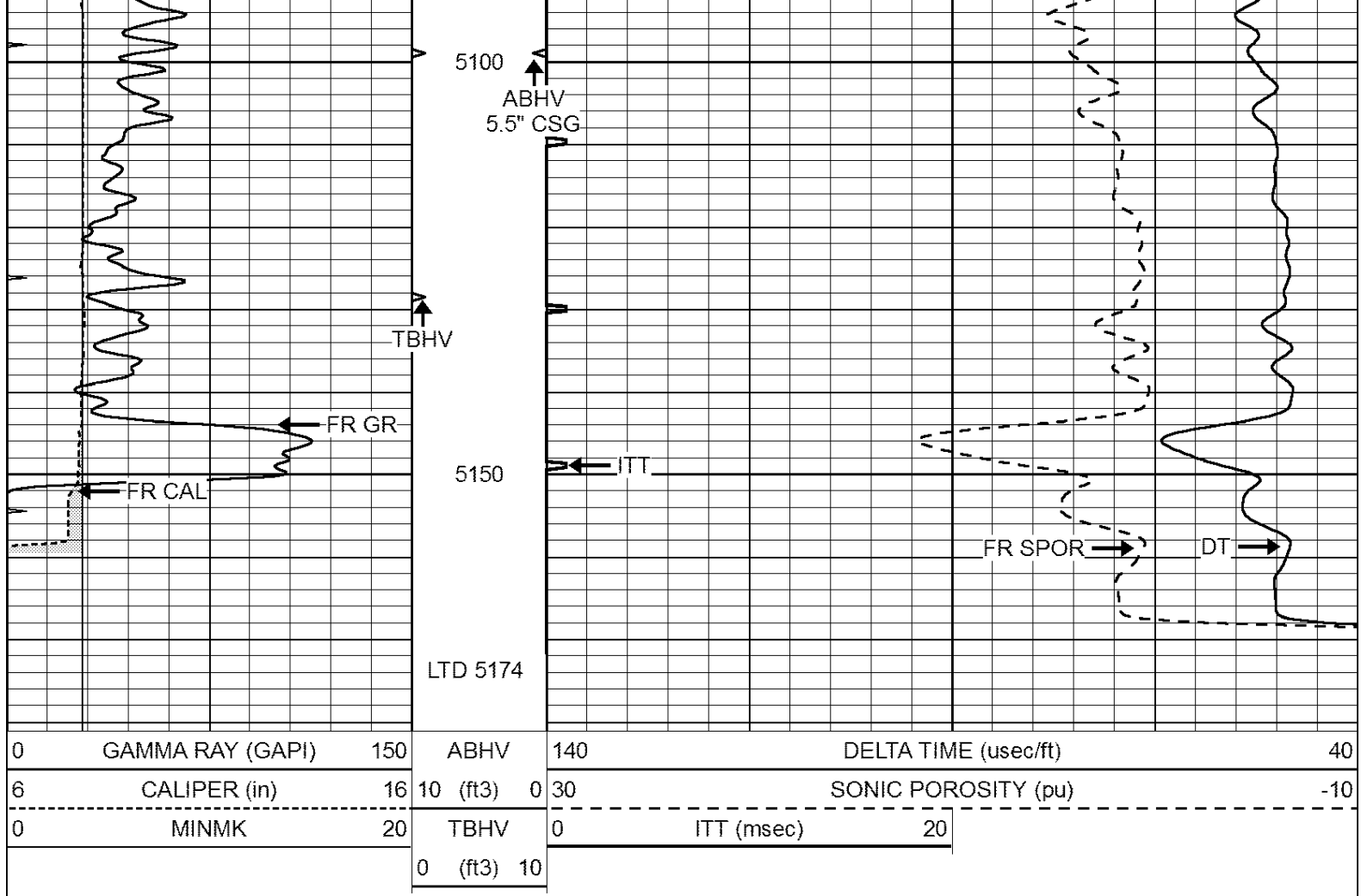
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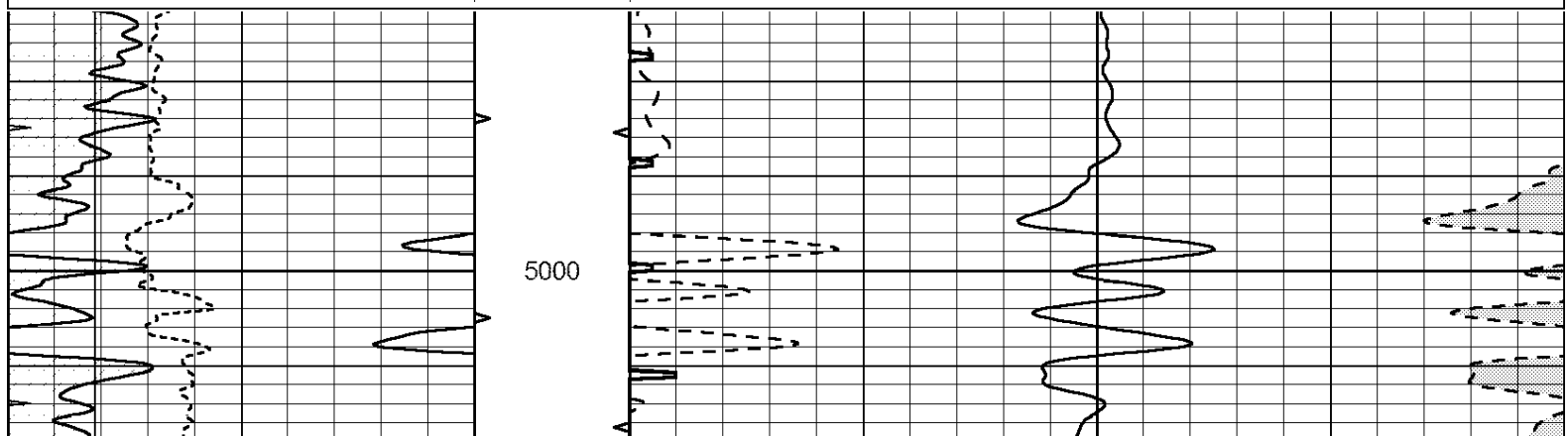


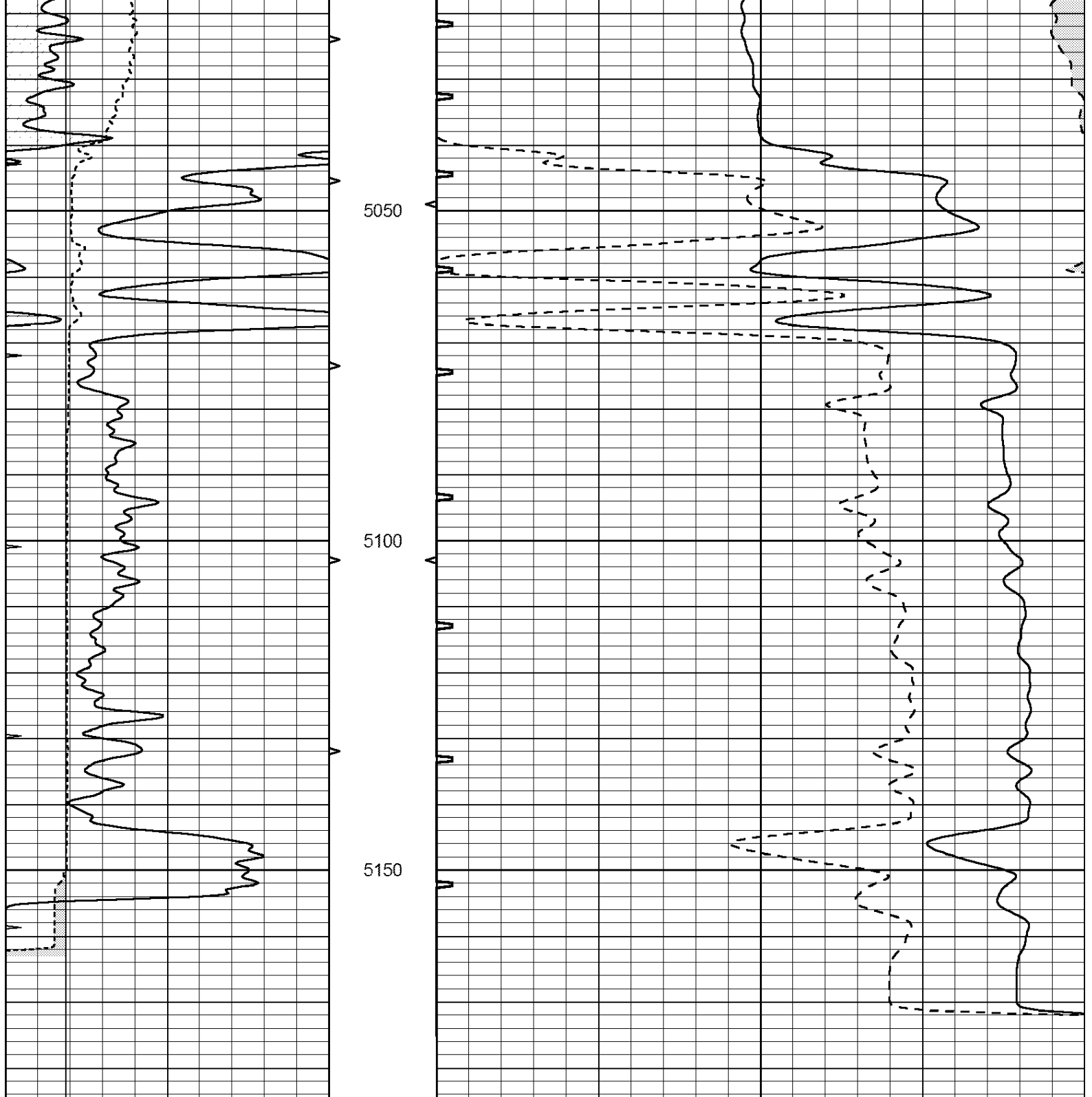
**Casedhole
Solutions**

REPEAT SECTION

Database File: 30523ddn.db
 Dataset Pathname: pass5.1
 Presentation Format: _slt
 Dataset Creation: Fri Sep 25 08:23:00 2015 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
-----			-----			
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3) 10			





0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (u sec/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				