



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company	WHITE & ELLIS DRILLING INC.		
Well	CHAIN RANCH A #1		
Field	AMBER CREEK SOUTH		
County	BARBER	State	KANSAS
Location:	API # : 15-007-24161-00-00 3070' FSL & 2310' FEL		Other Services CNL/CDL/PE DIL/MEL
Permanent Datum	GROUND LEVEL	Elevation	1598
Log Measured From	KELLY BUSHING 10' A.G.L.		K.B. 1608
Drilling Measured From	KELLY BUSHING		D.F. 1606 G.L. 1598
Date	5-7-14		
Run Number	TVMO		
Depth Driller	4675		
Depth Logger	4670		
Bottom Logged Interval	4660		
Top Log Interval	300		
Casing Driller	13 3/8" @ 337'		
Casing Logger	350'		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 34.00 PPM	
Density / Viscosity	9.4/7.1		
pH / Fluid Loss	11.5/9.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.60 @ 96F		
Rmf @ Meas. Temp	0.45 @ 96F		
Rmc @ Meas. Temp	0.72 @ 96F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	0.47 @ 122F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	122F		
Equipment Number	860		
Location	HAYS, KANSAS		
Recorded By	IAN MABB		
Witnessed By	DAVID GOULD		

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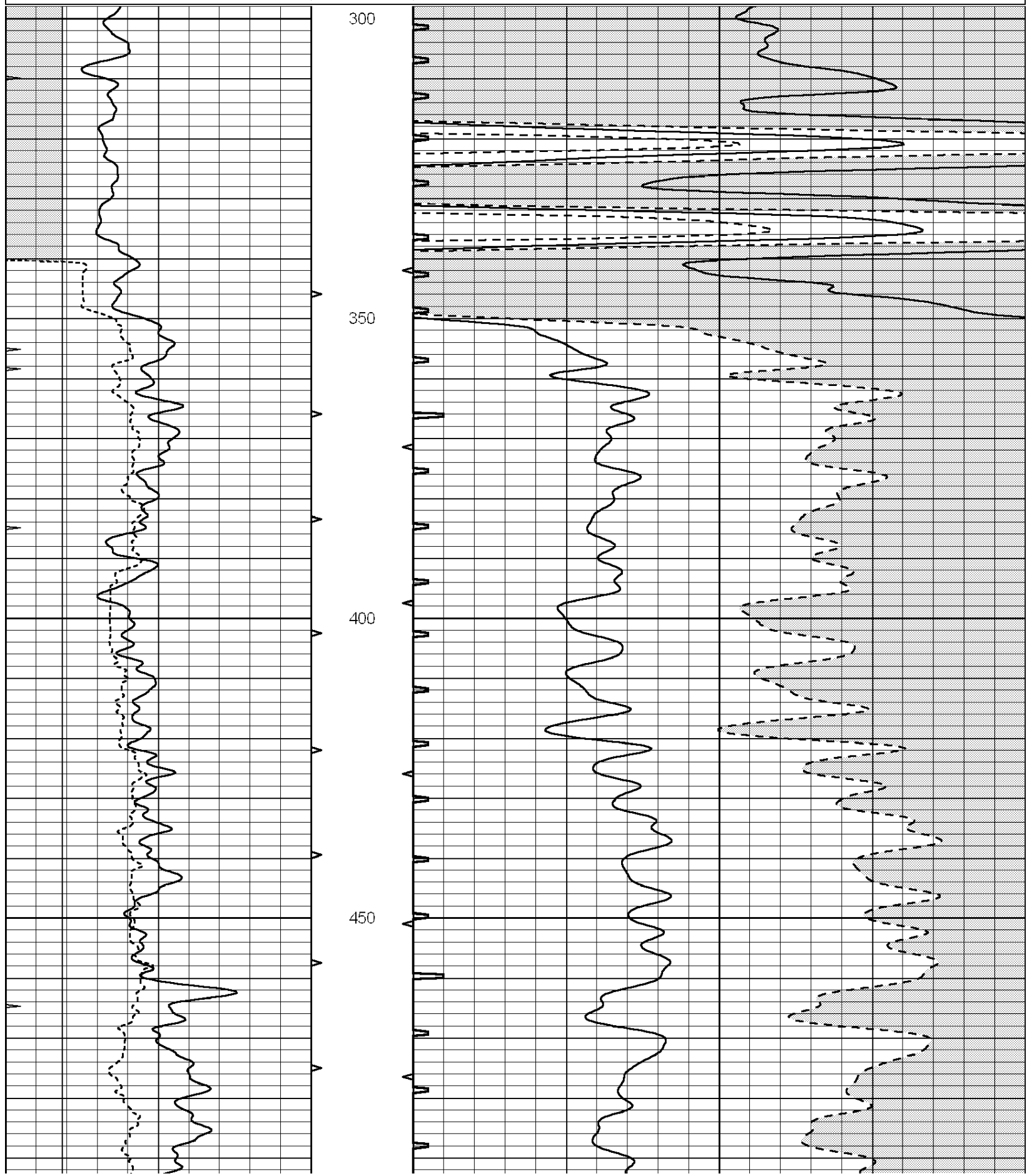
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

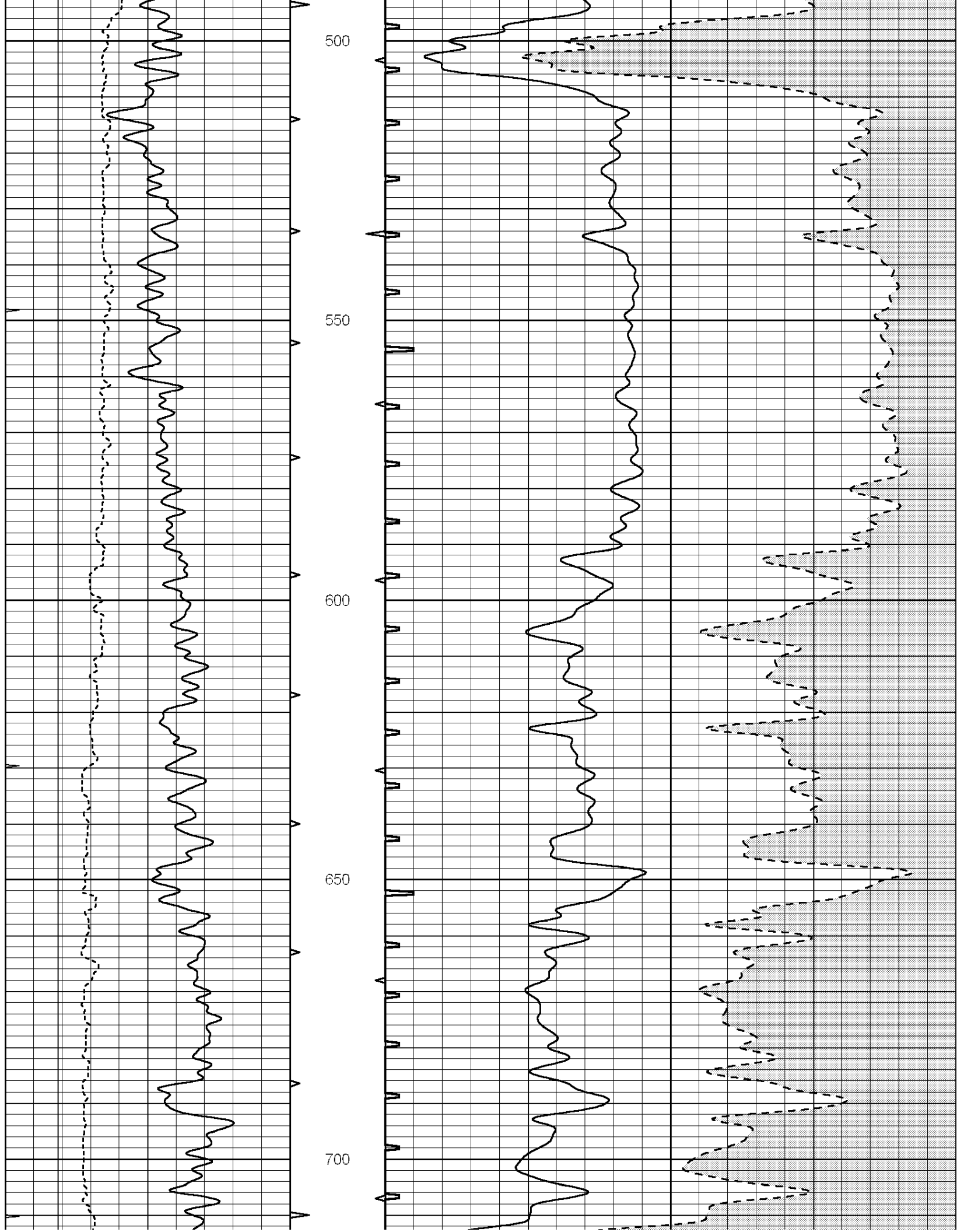
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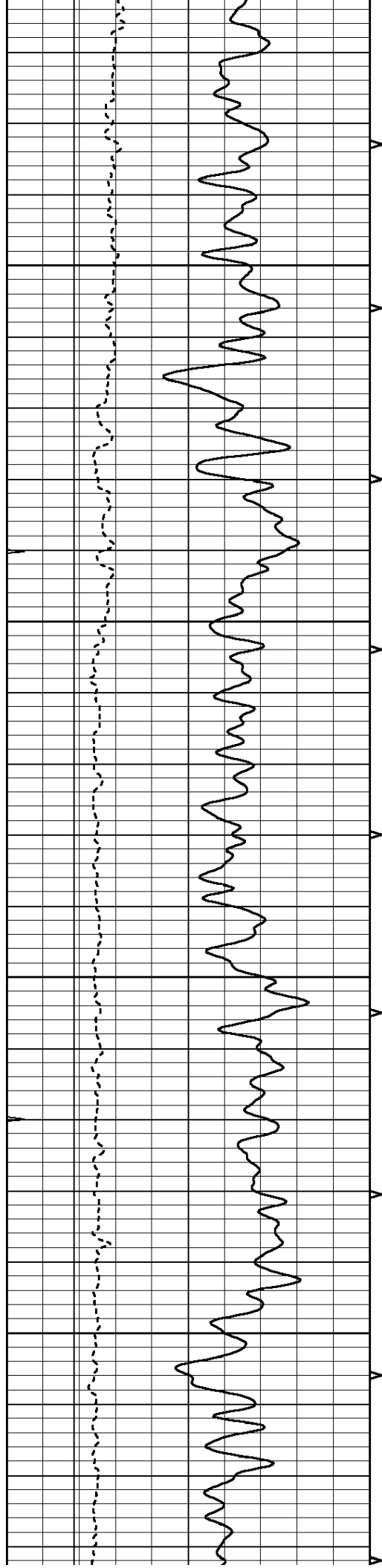
THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS:

SAWYER, KS. - 10 MILES SOUTH TO 99 SPRINGS RD. - NE 1/2 MILE GAILLANDIA RD. - EAST 1/2 MILE - 1
1/2 MILE SOUTH INTO

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





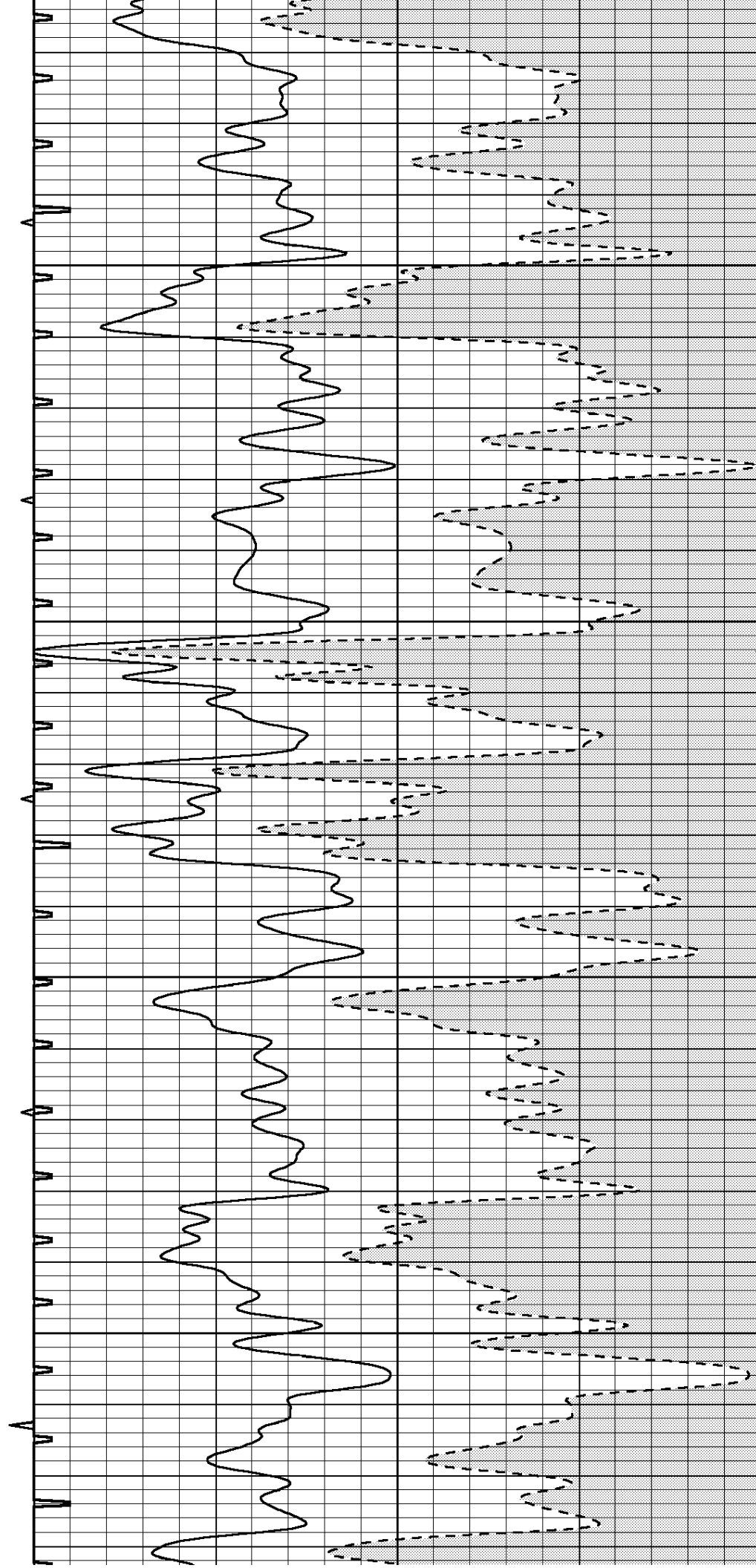


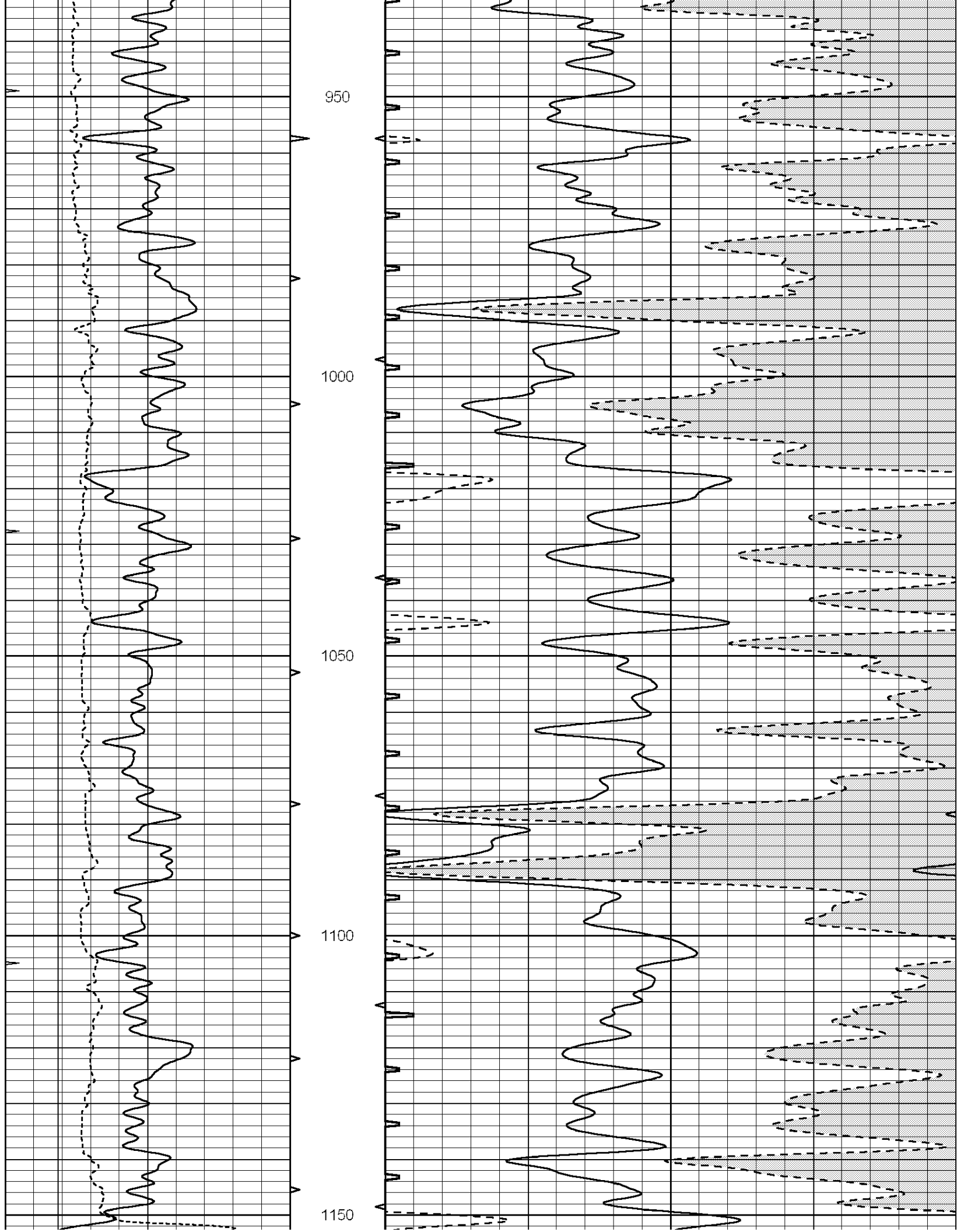
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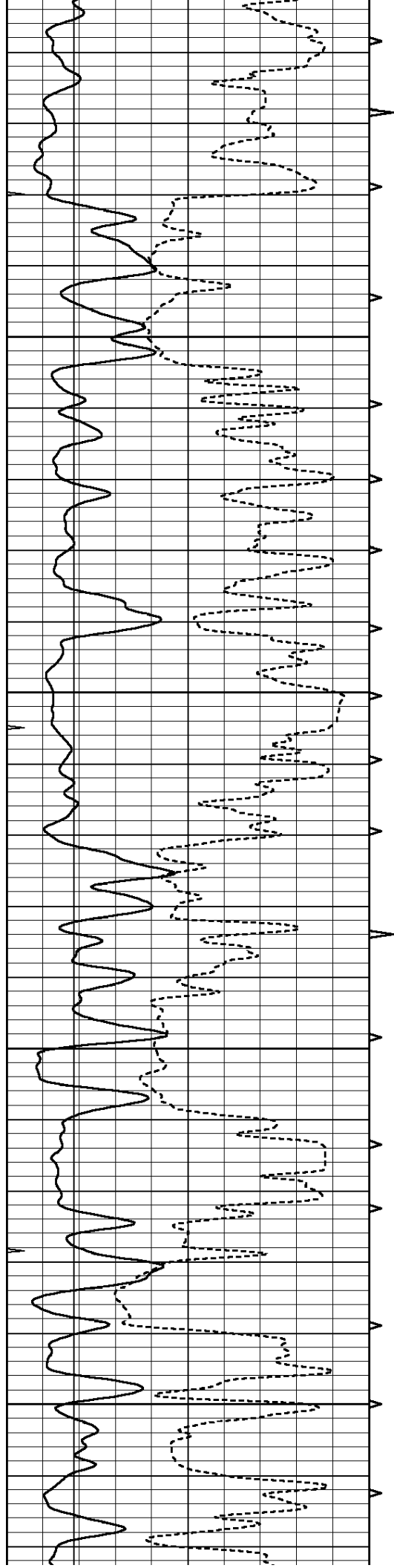
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900





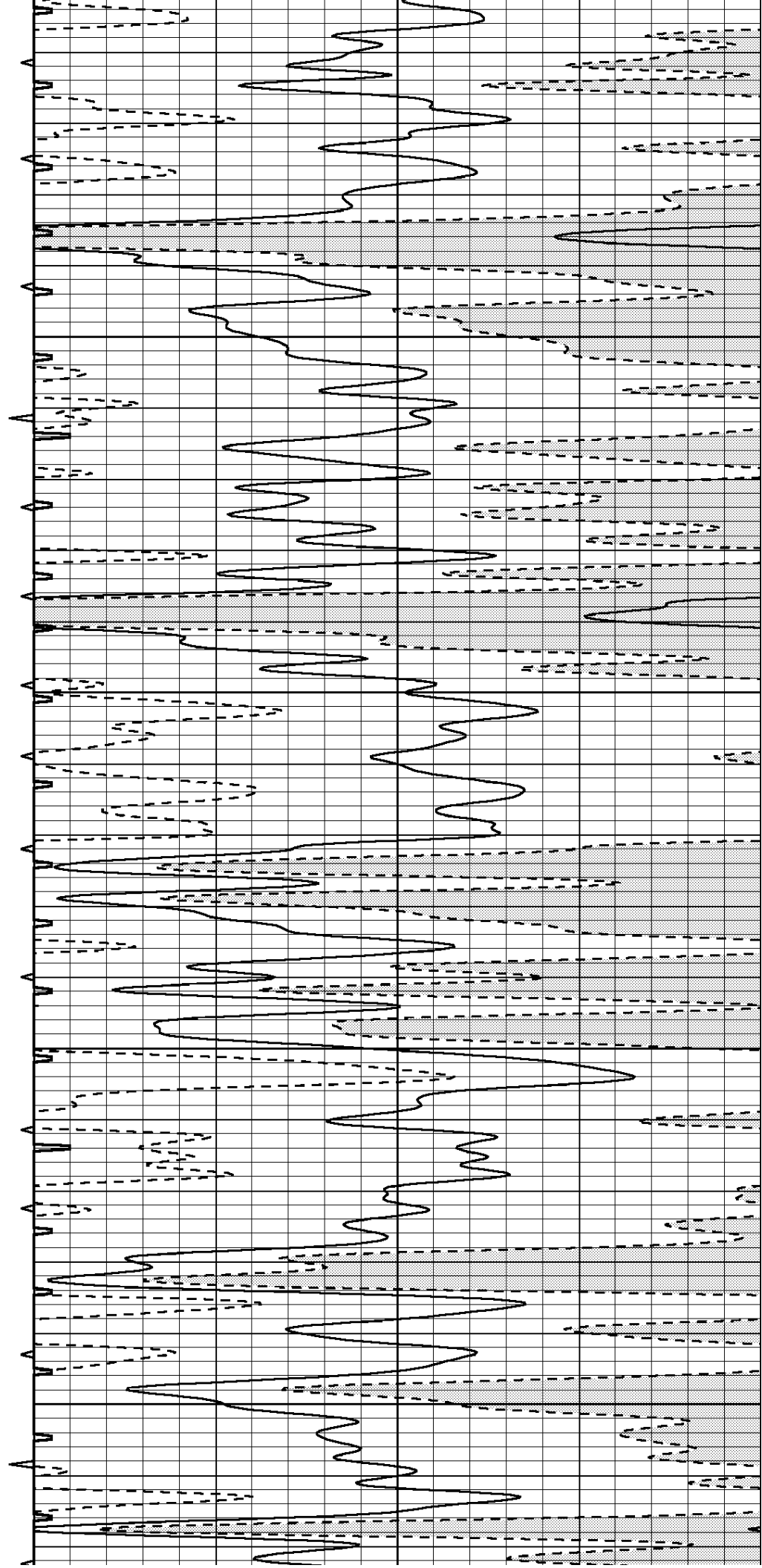


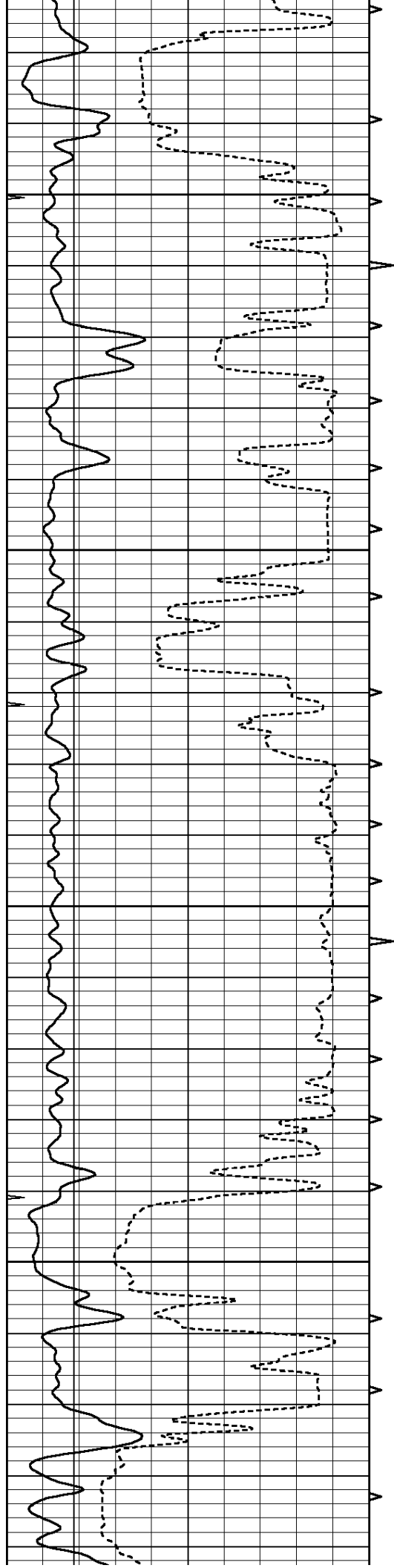
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1250

1300

1350



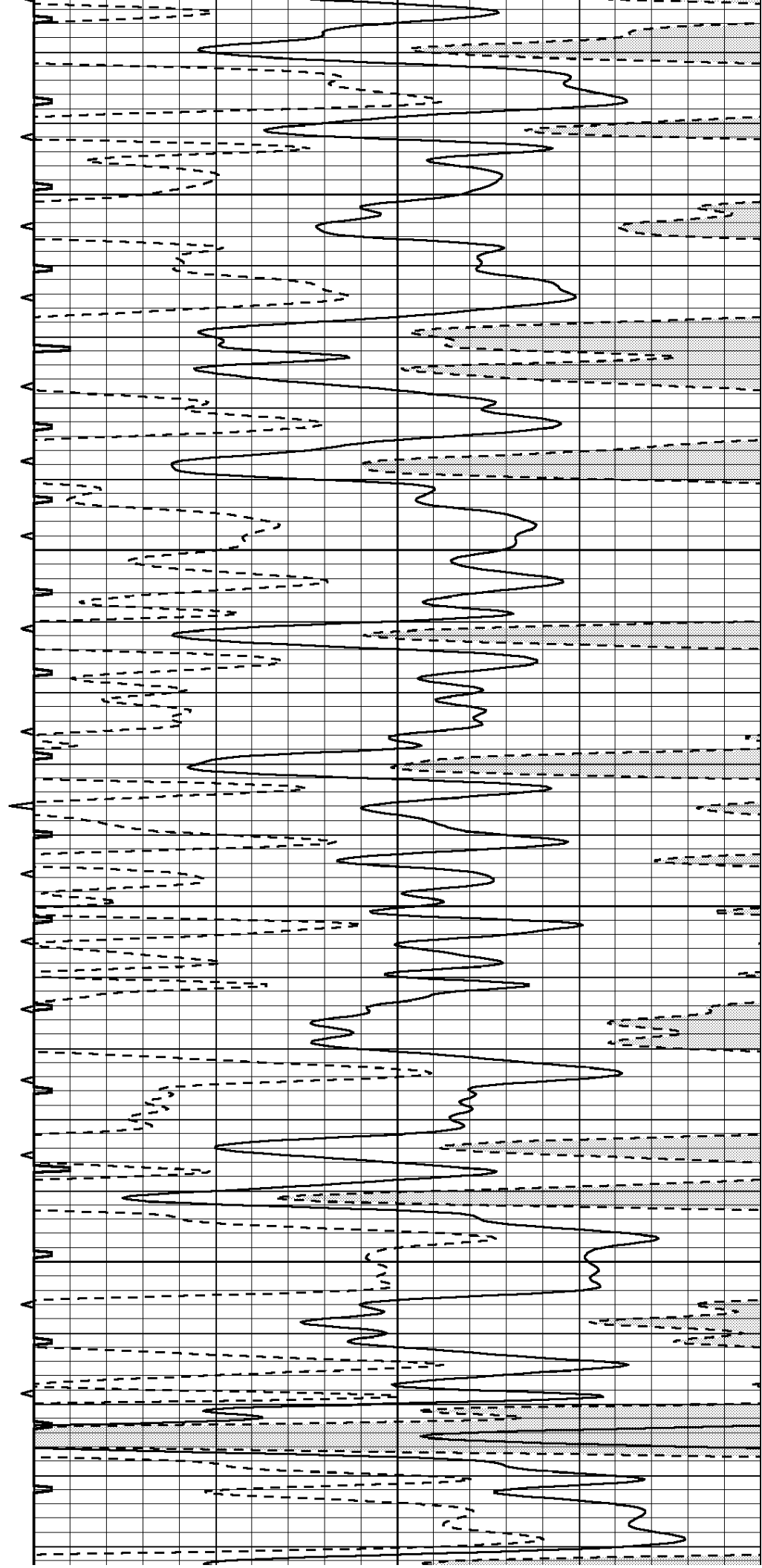


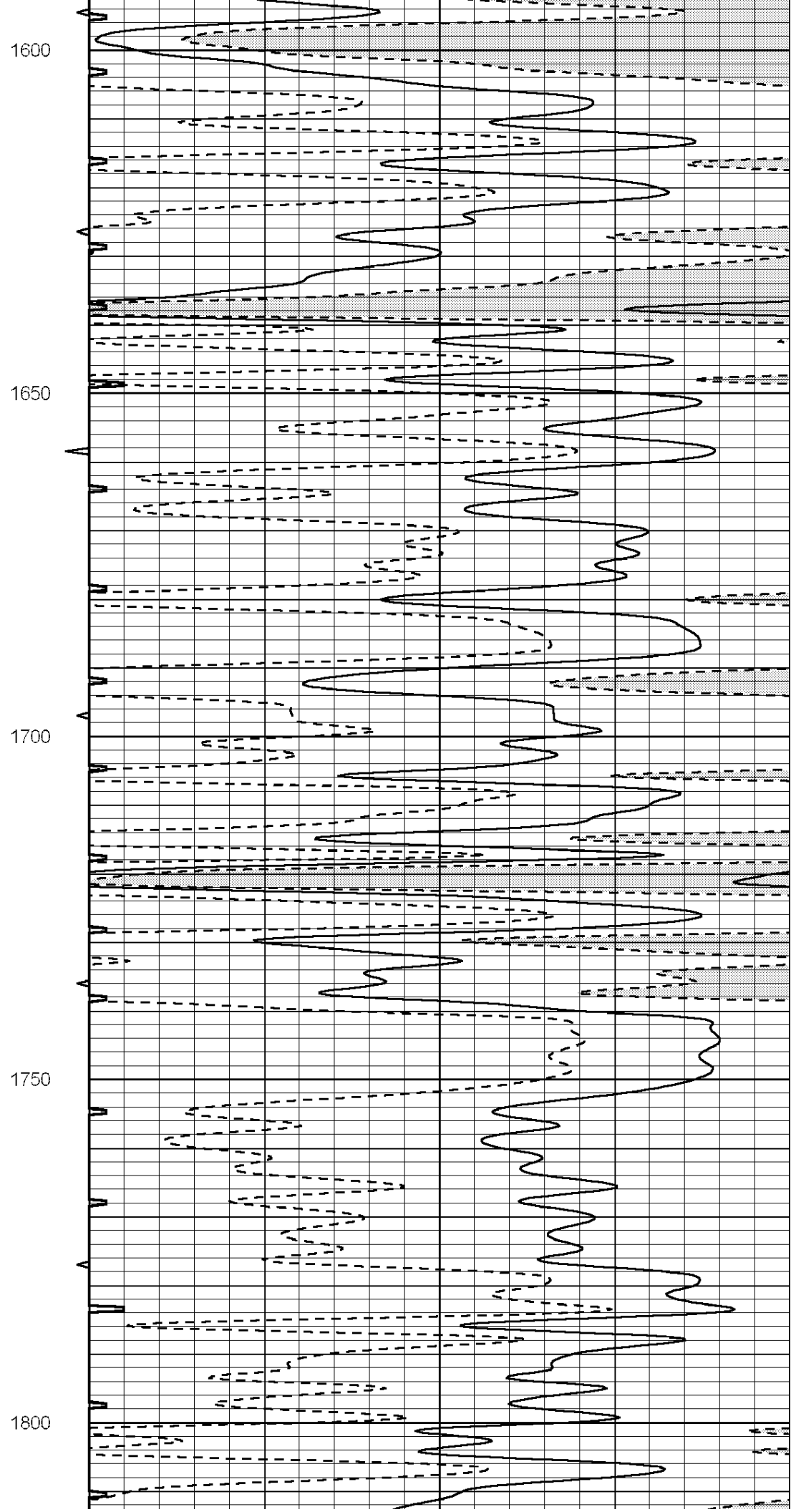
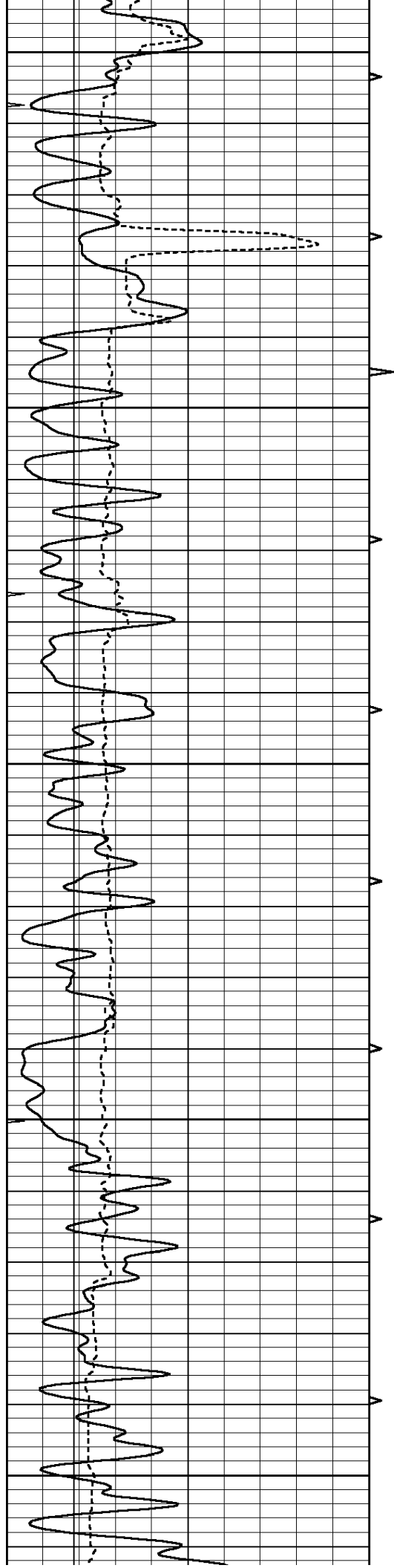
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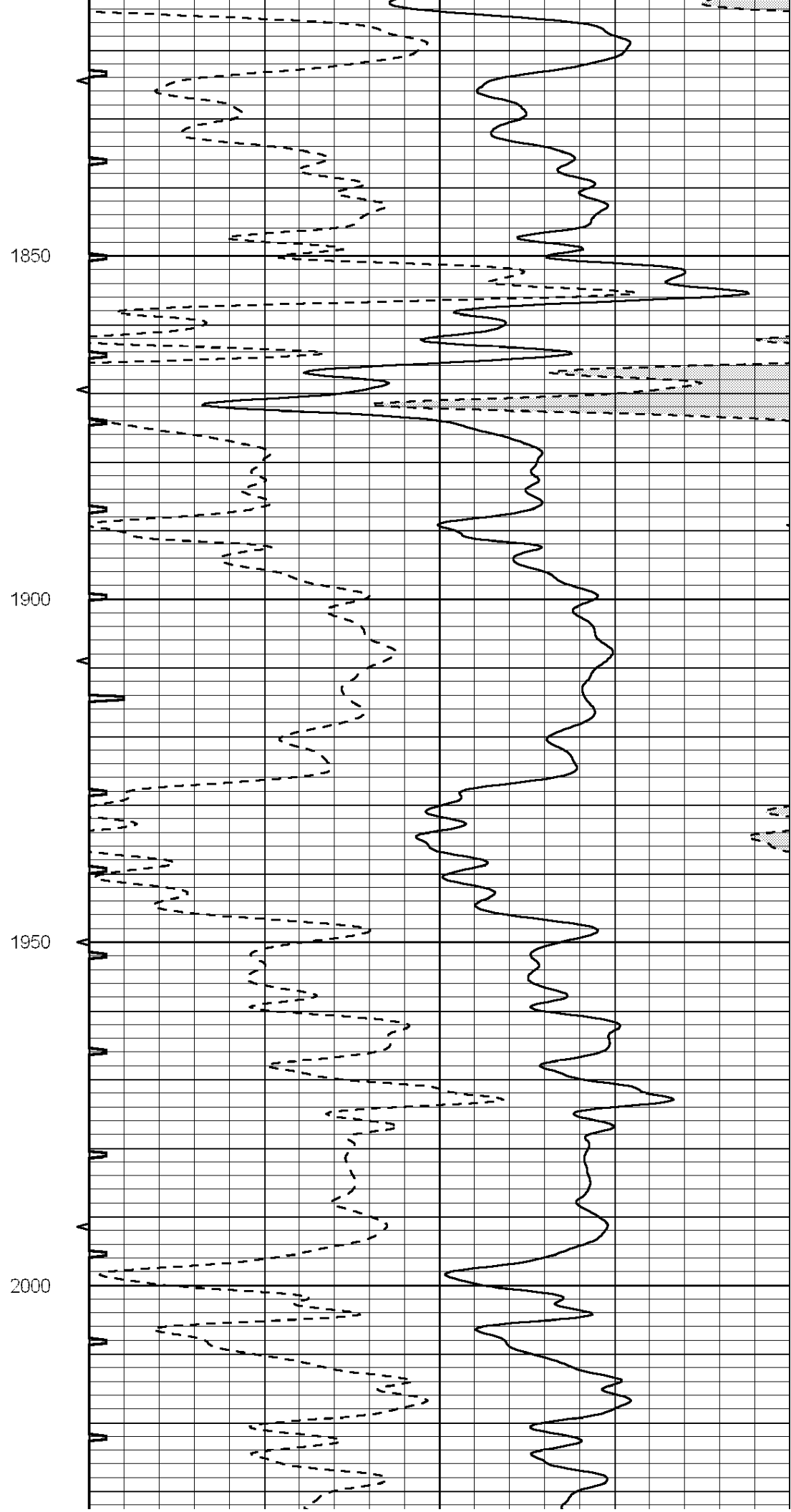
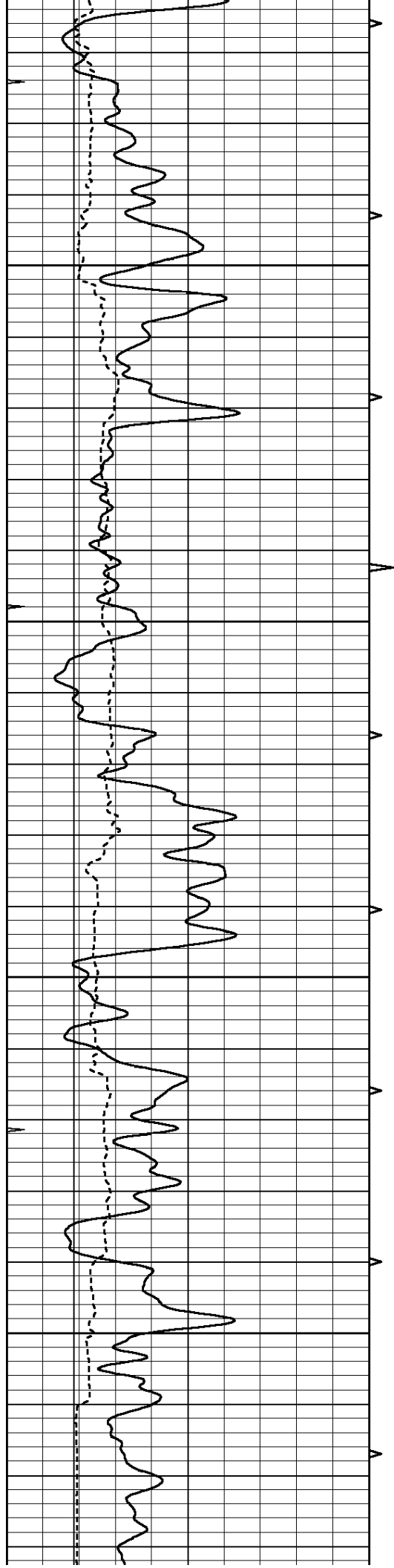
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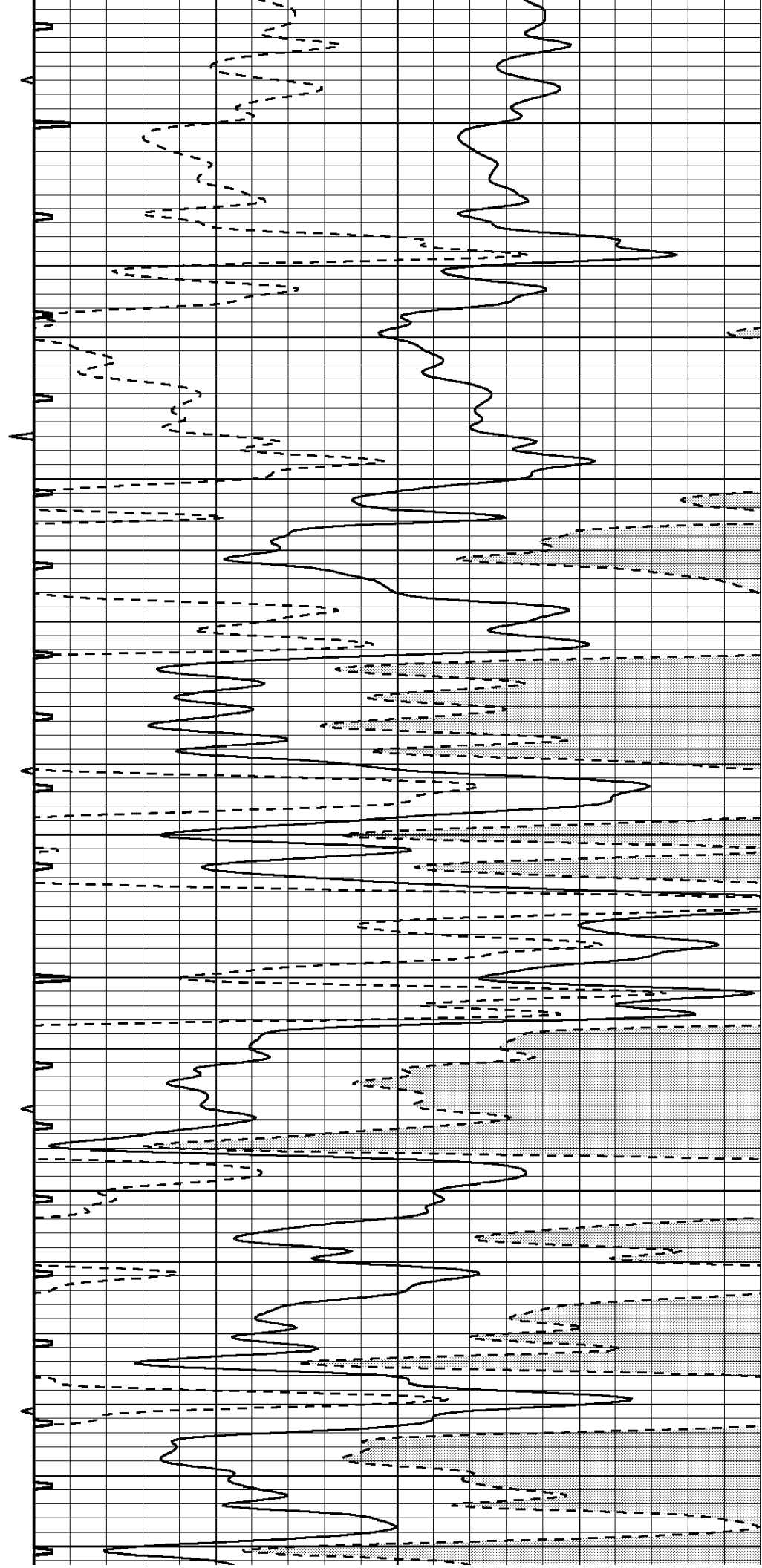
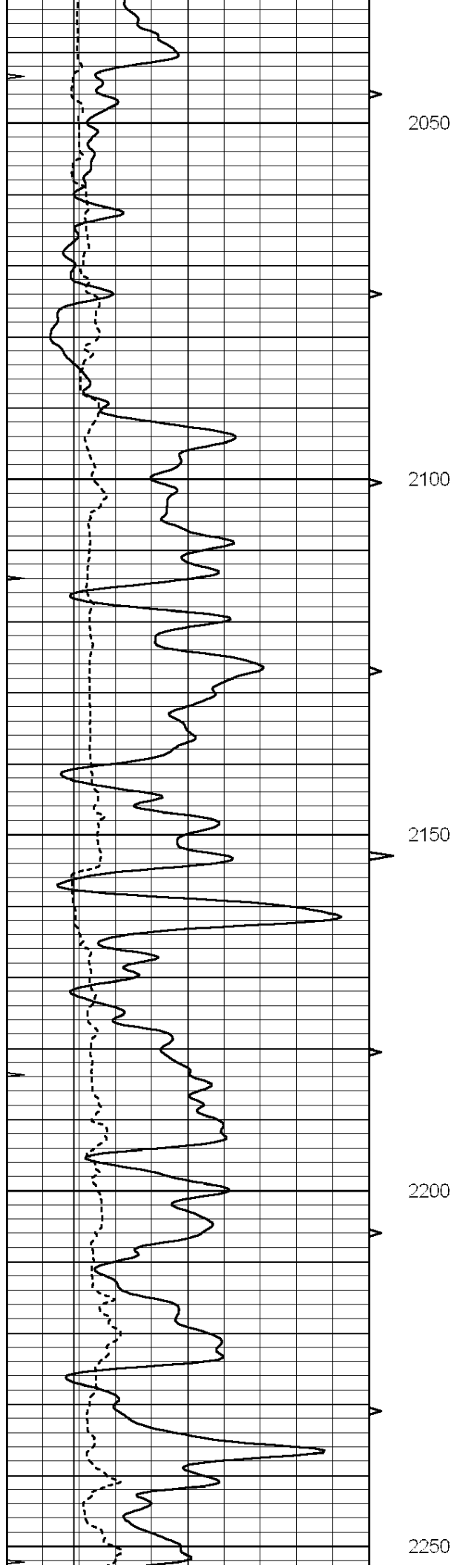
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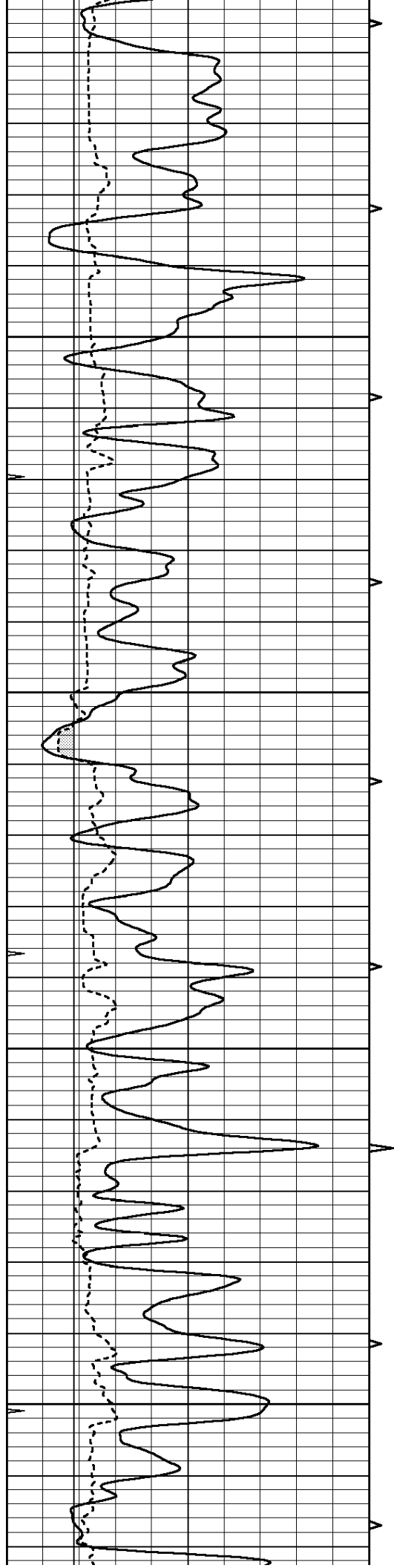
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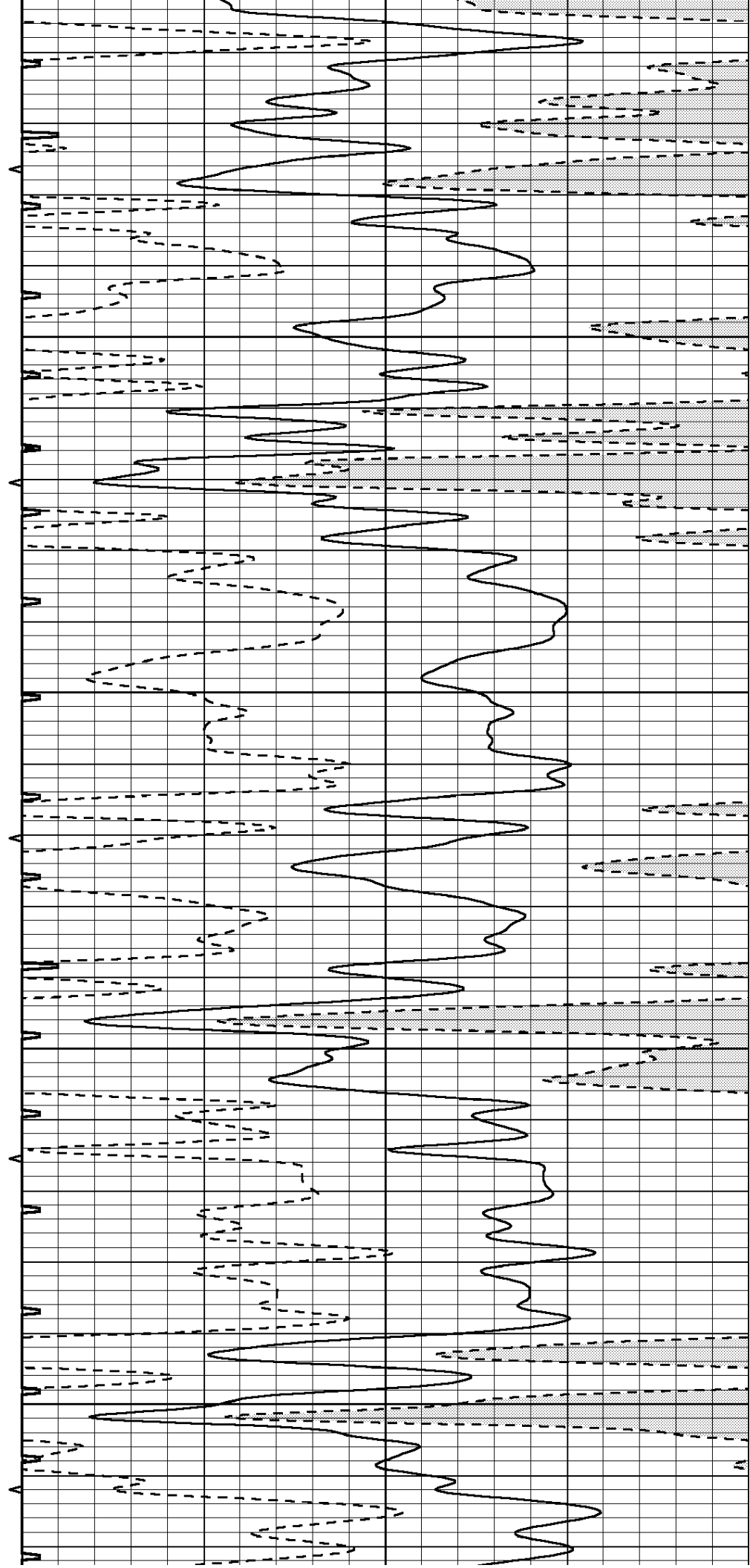


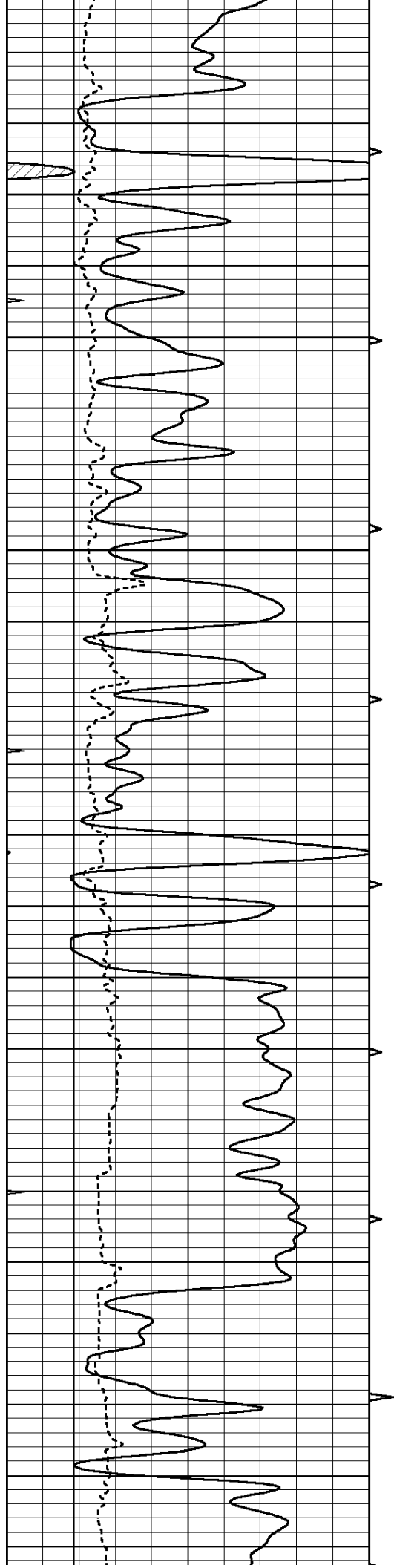
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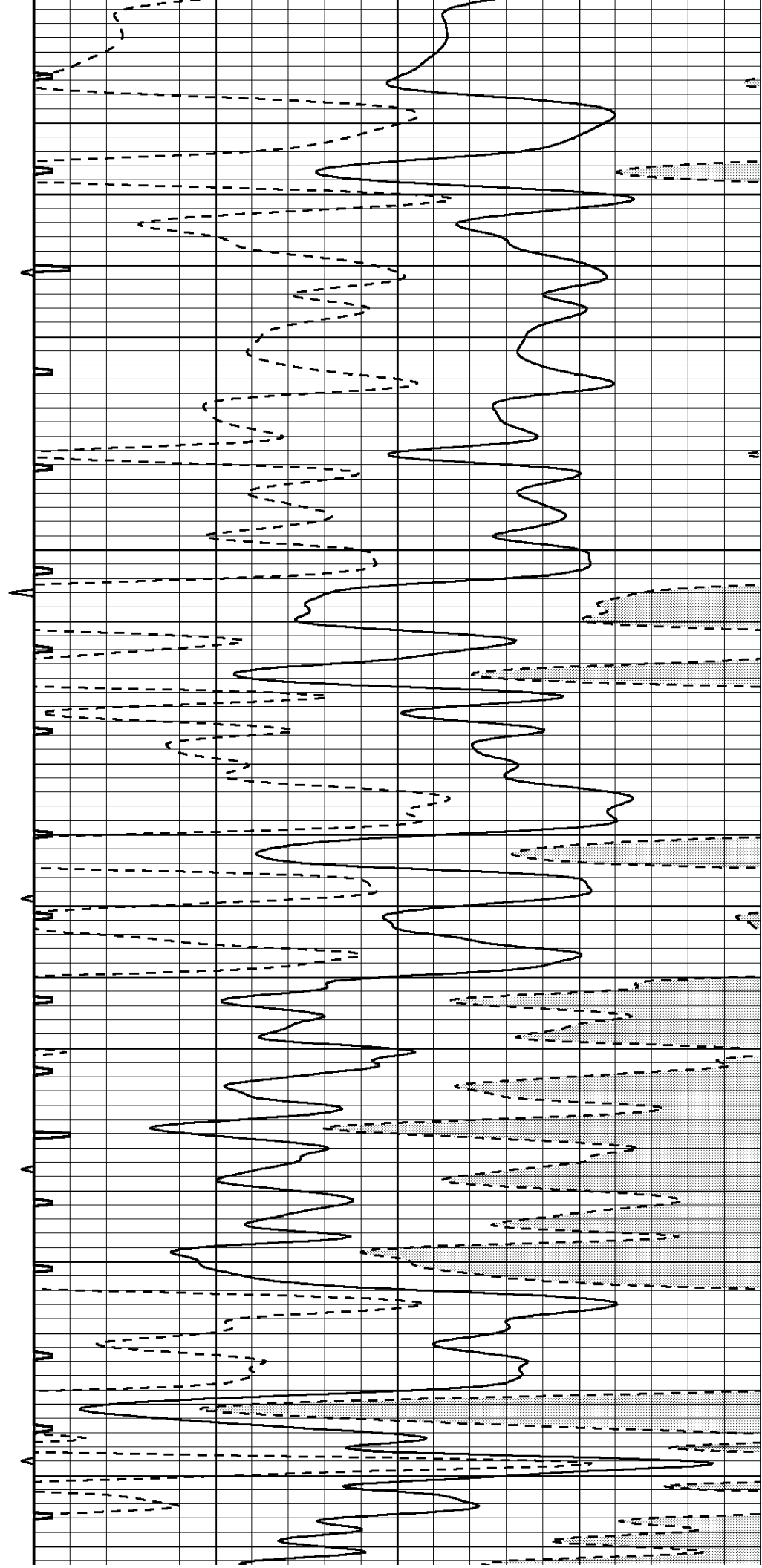


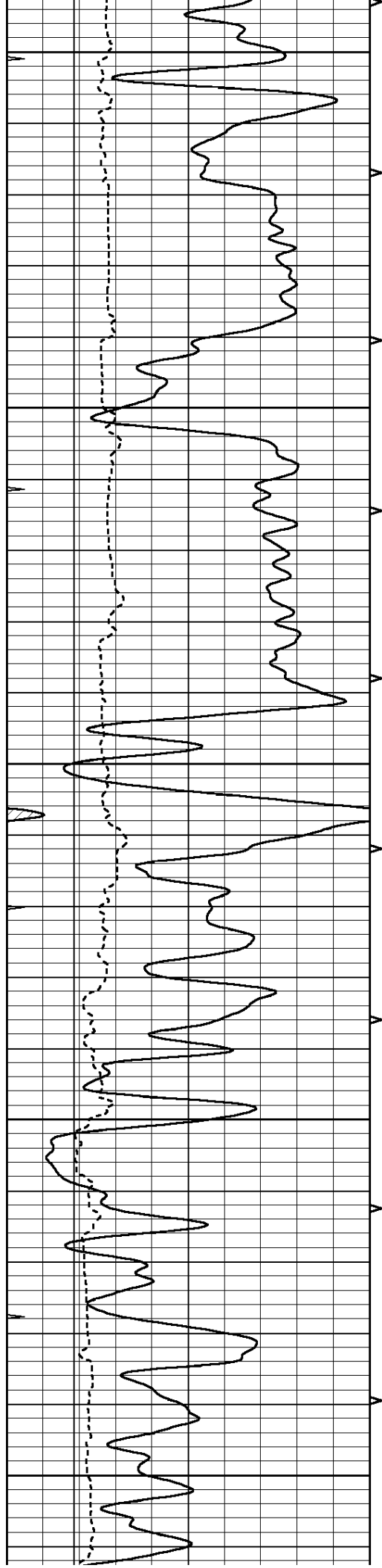
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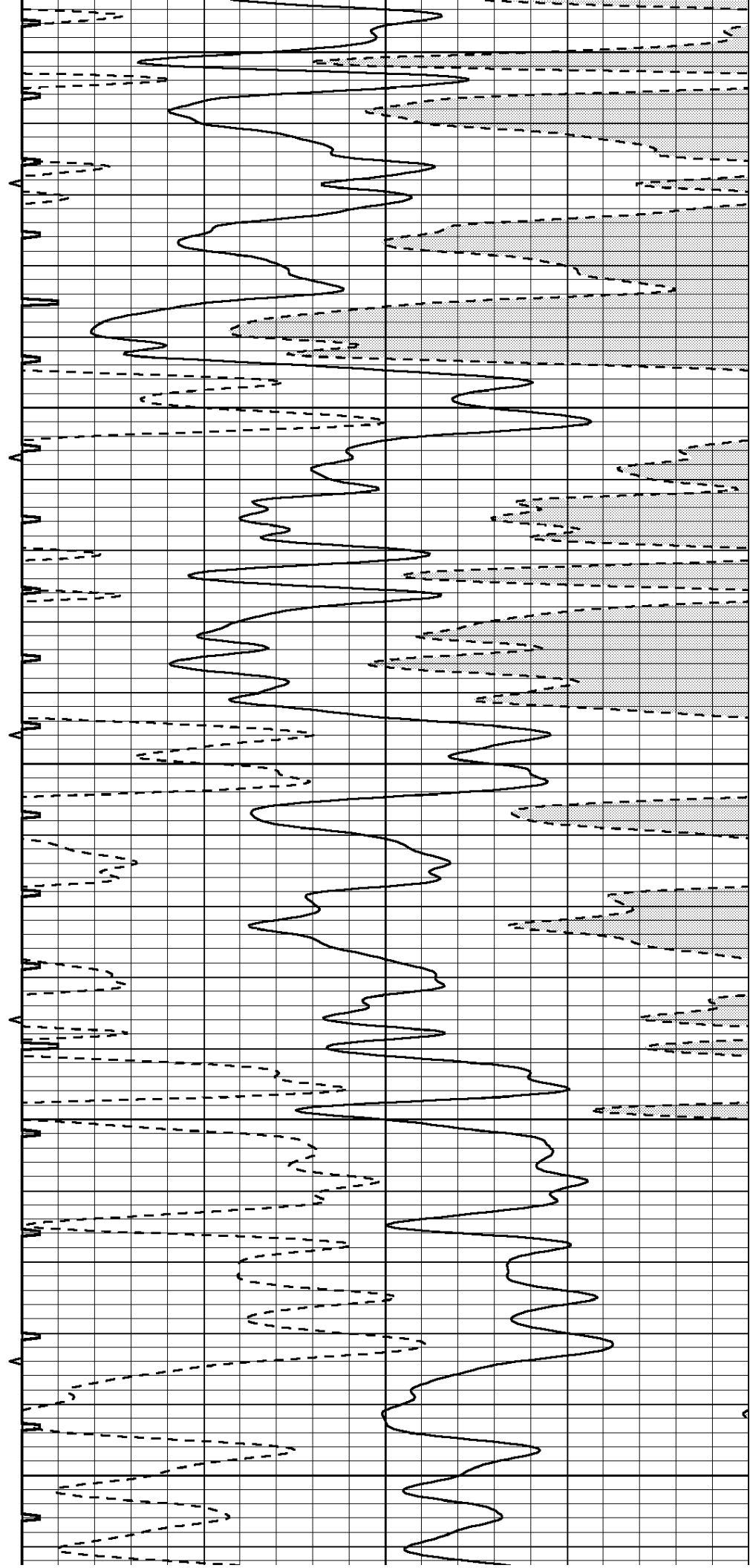
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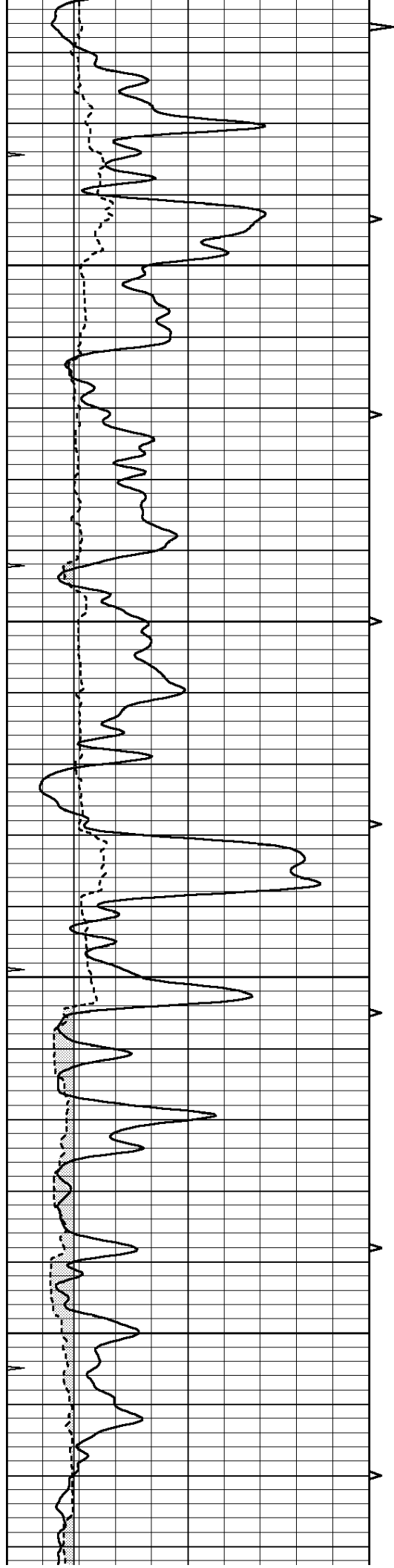
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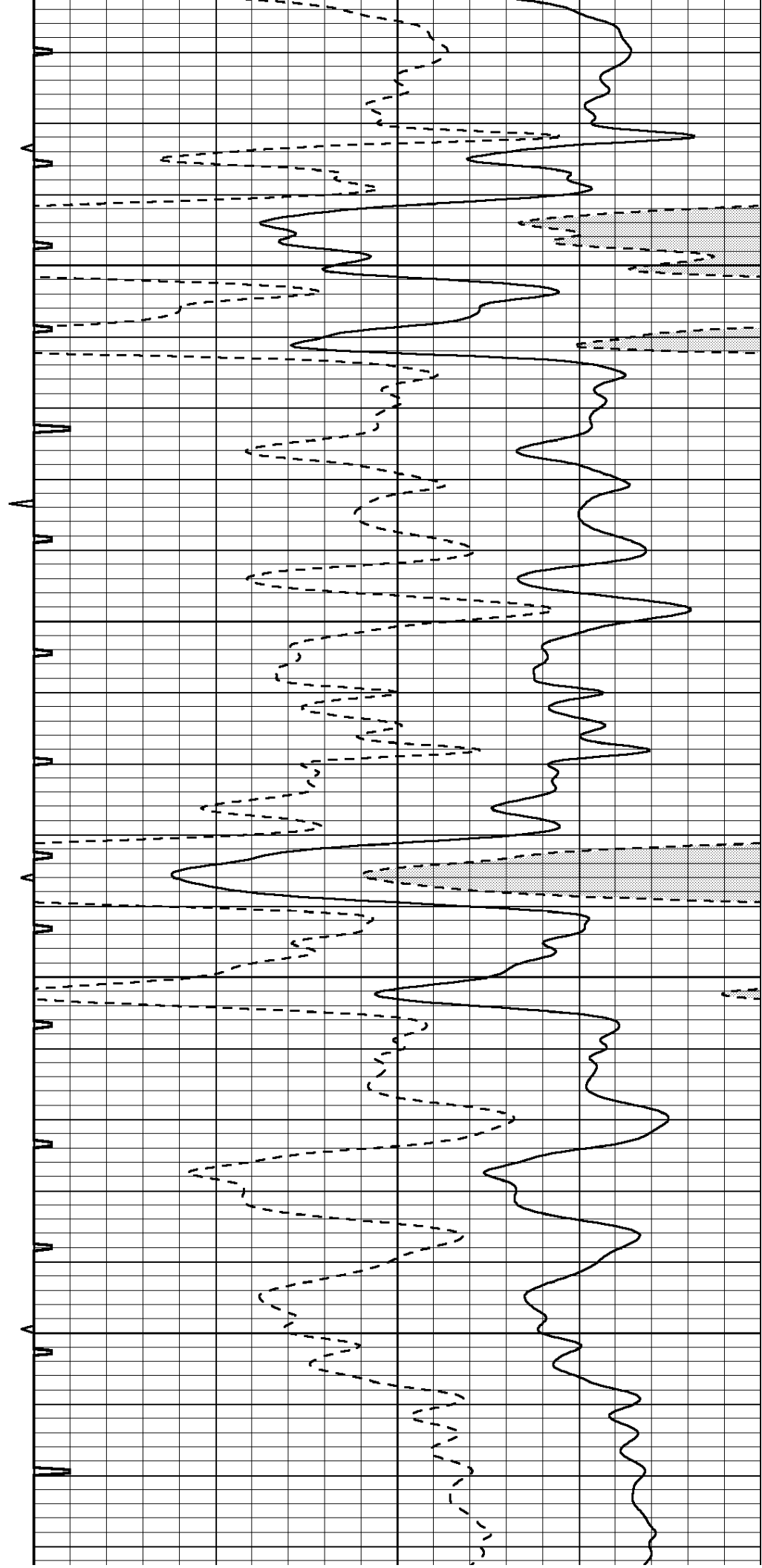


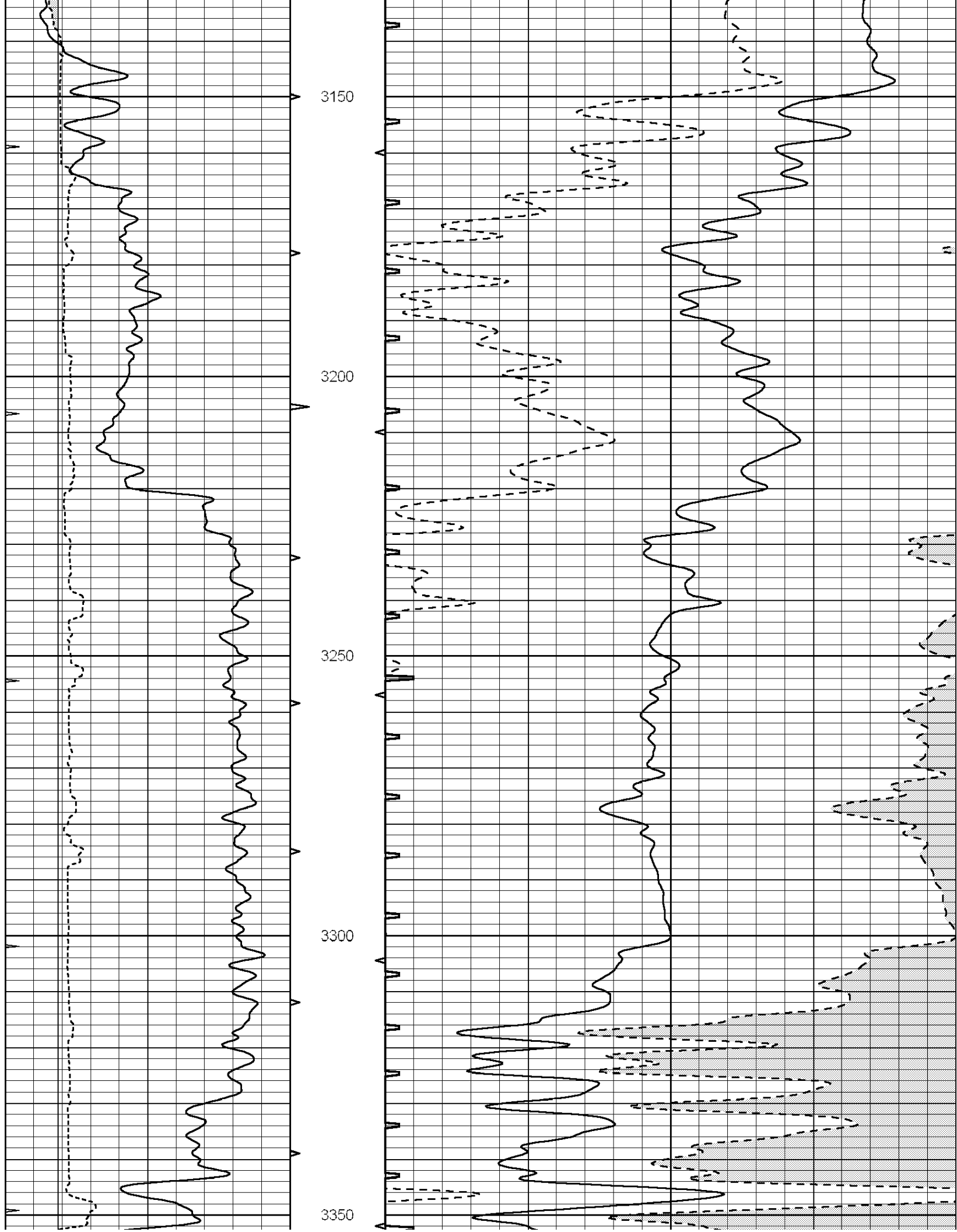
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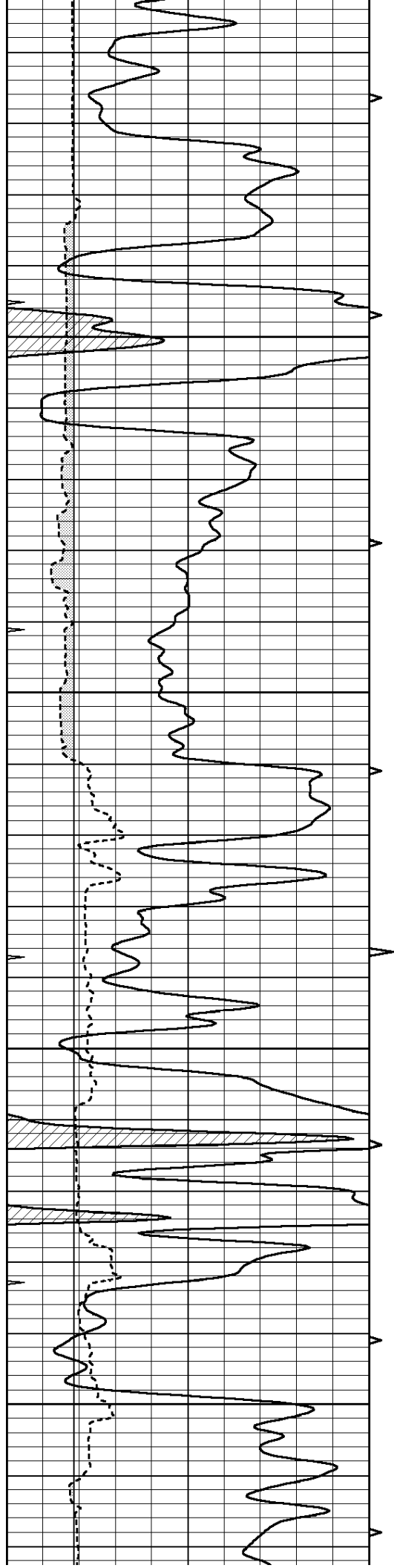
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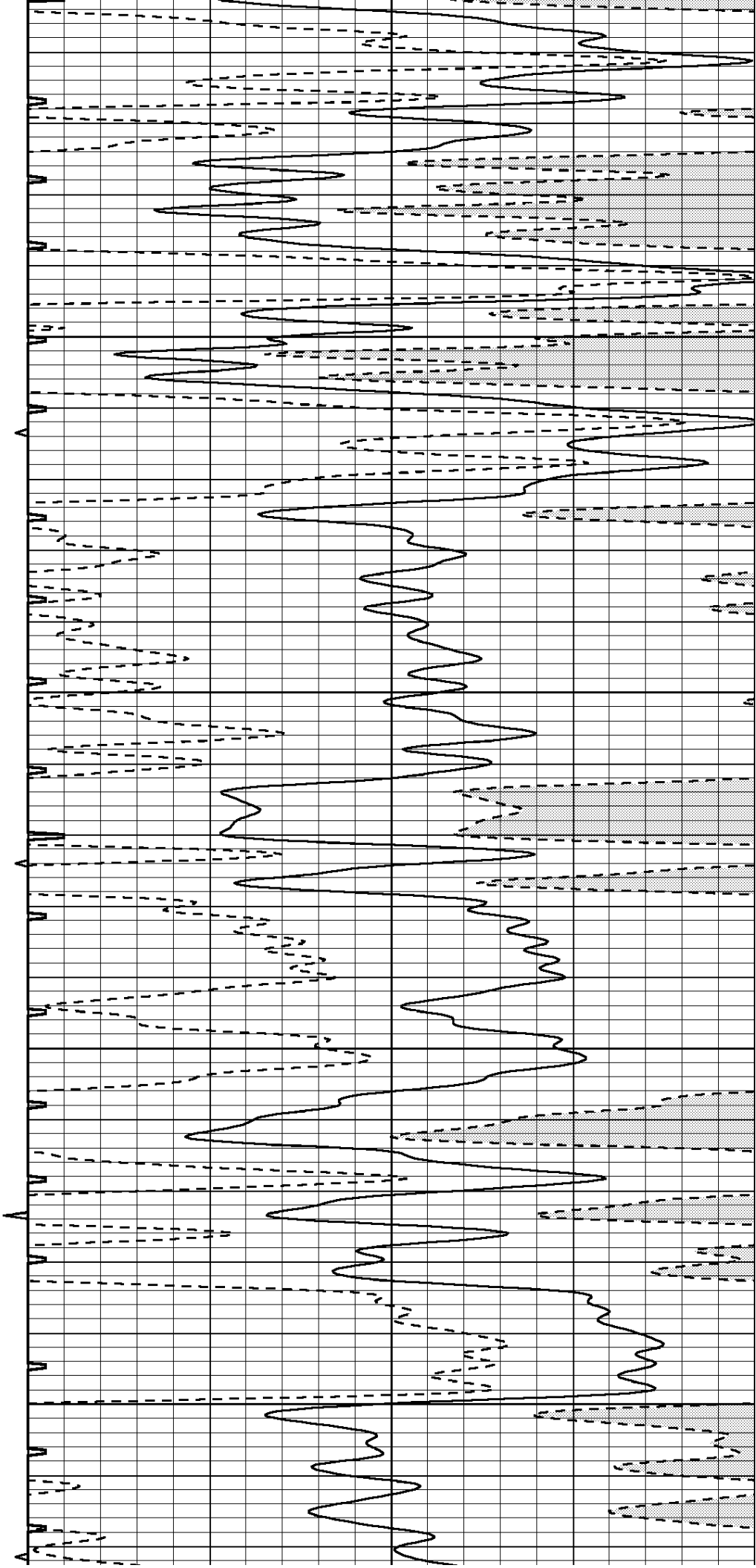


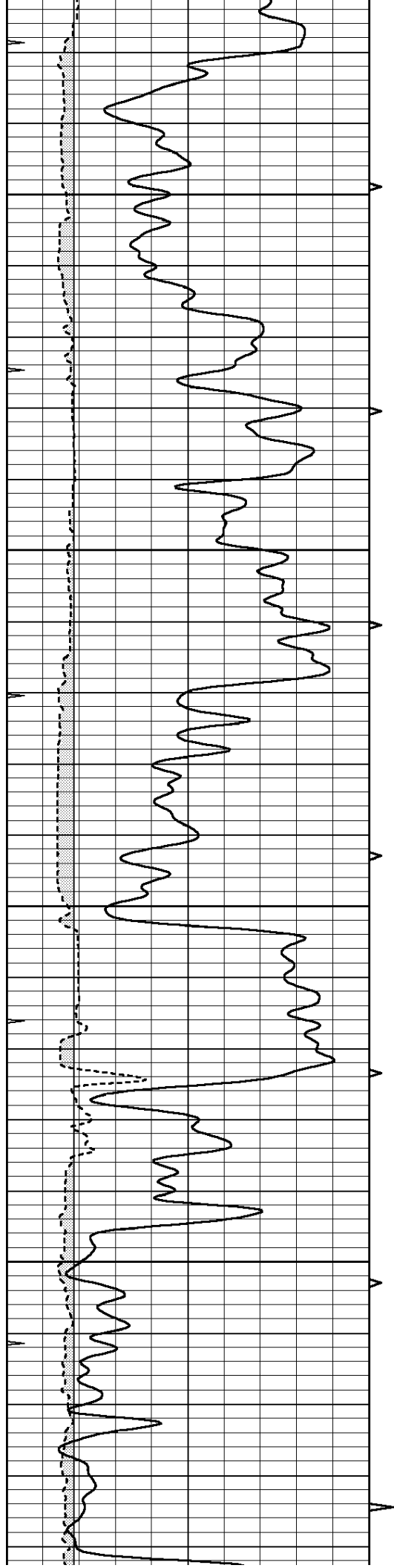
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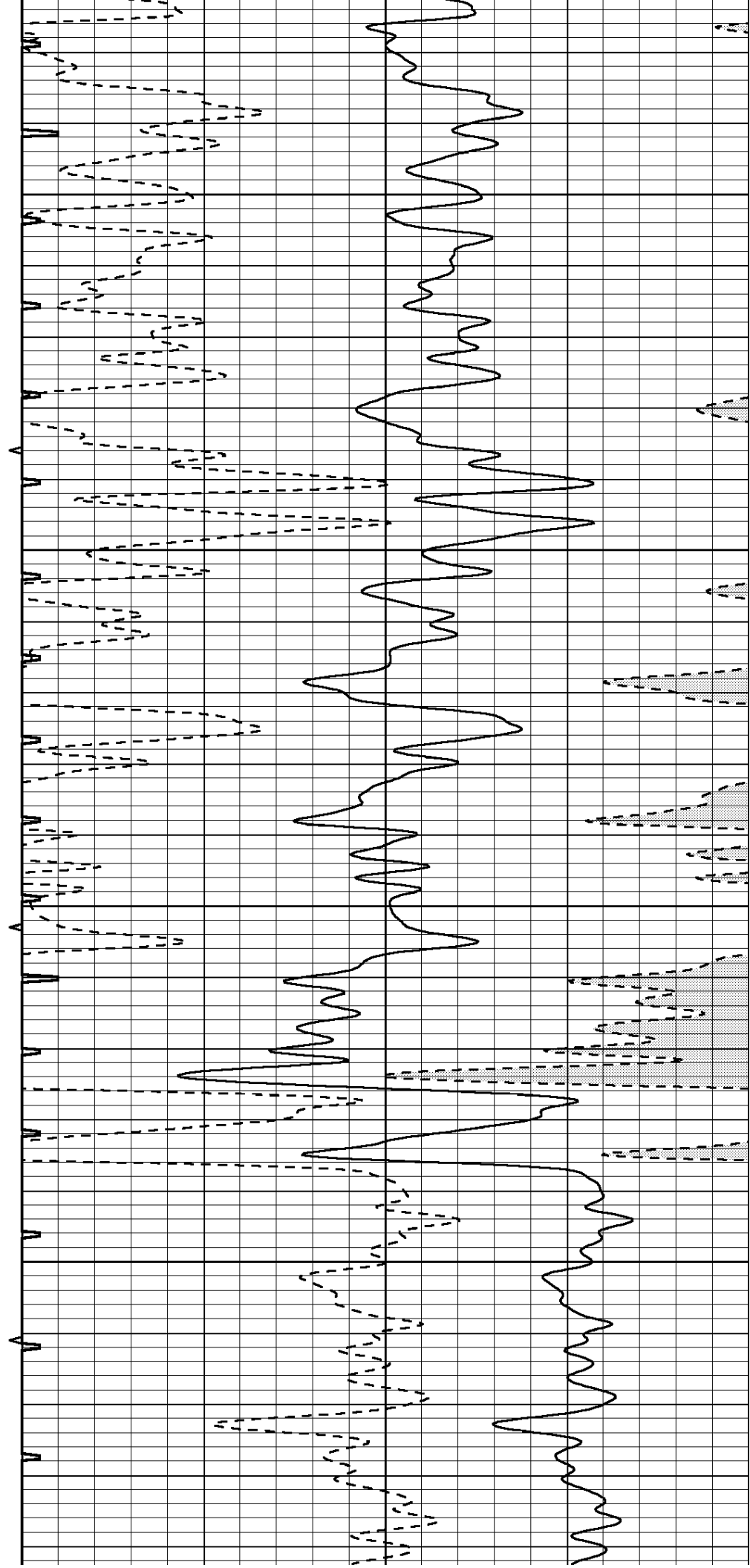


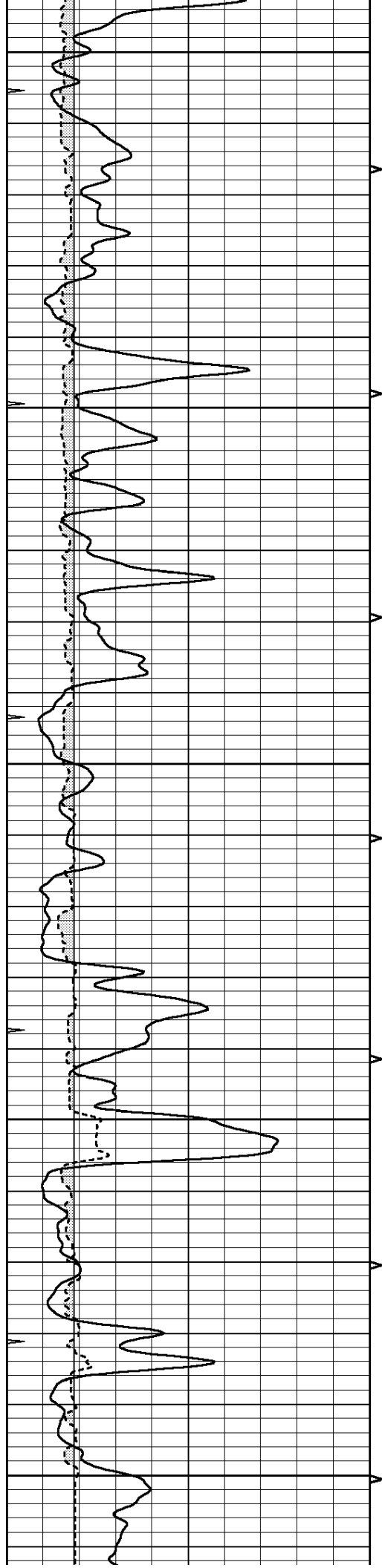
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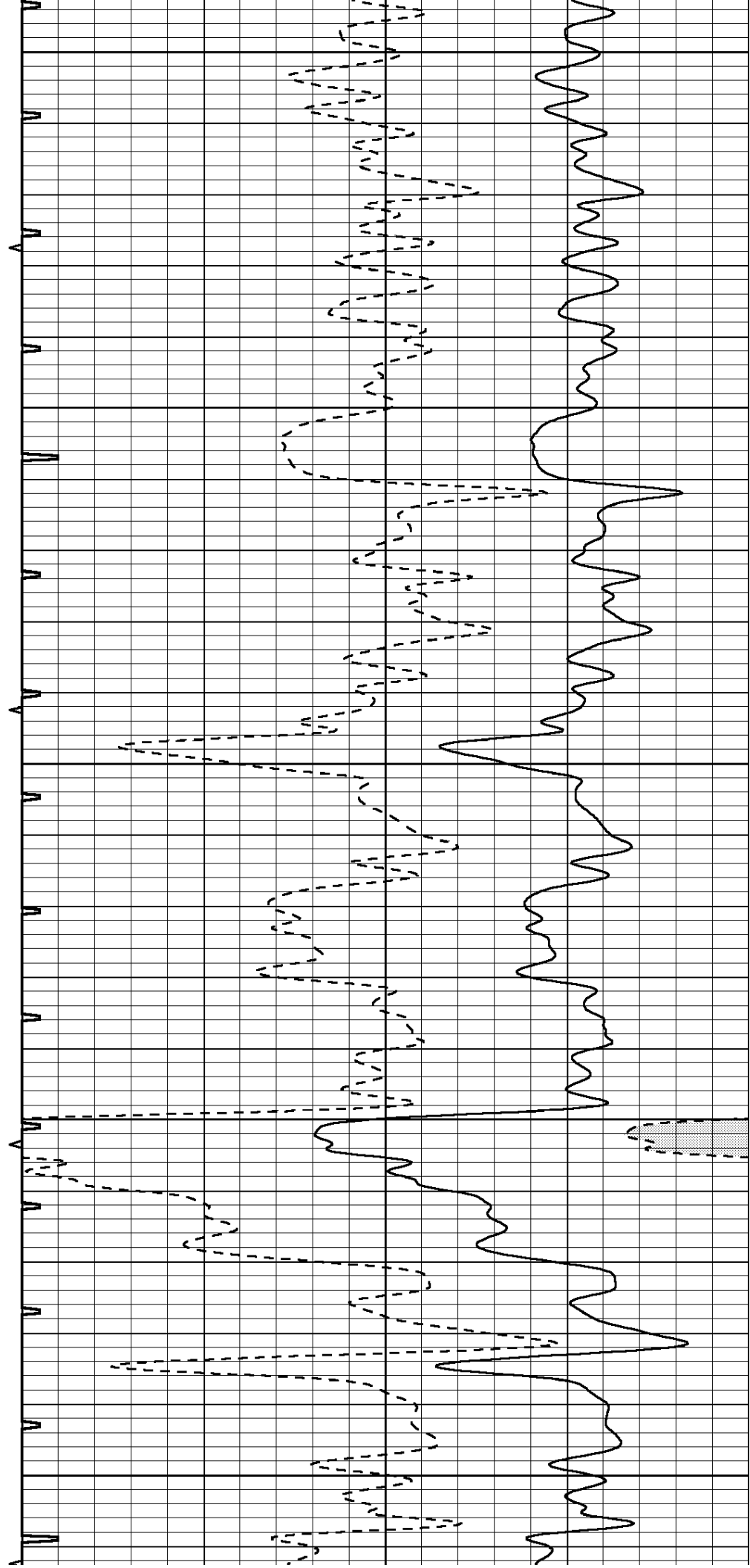
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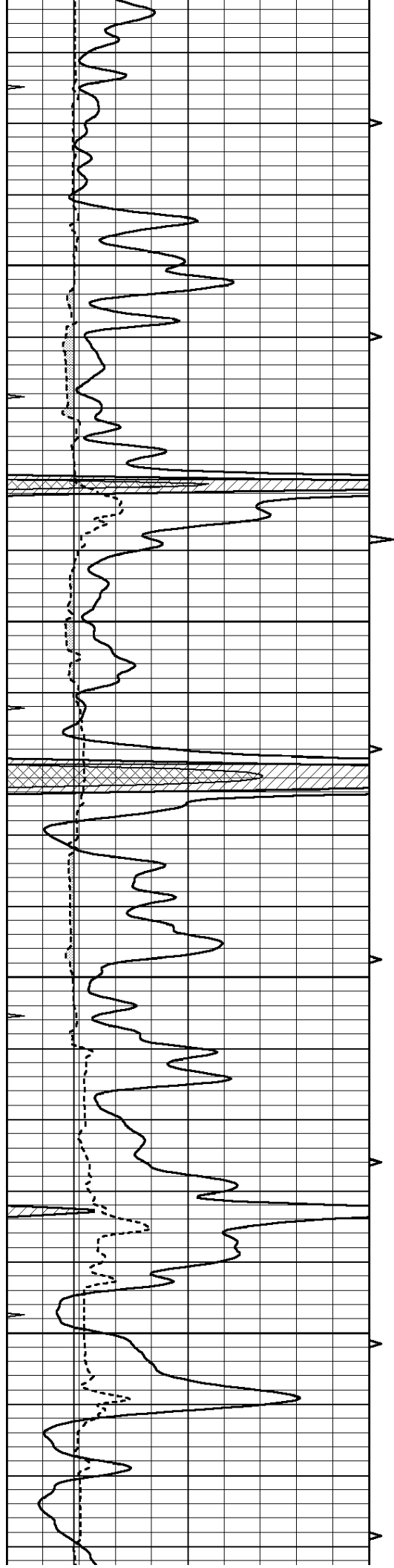
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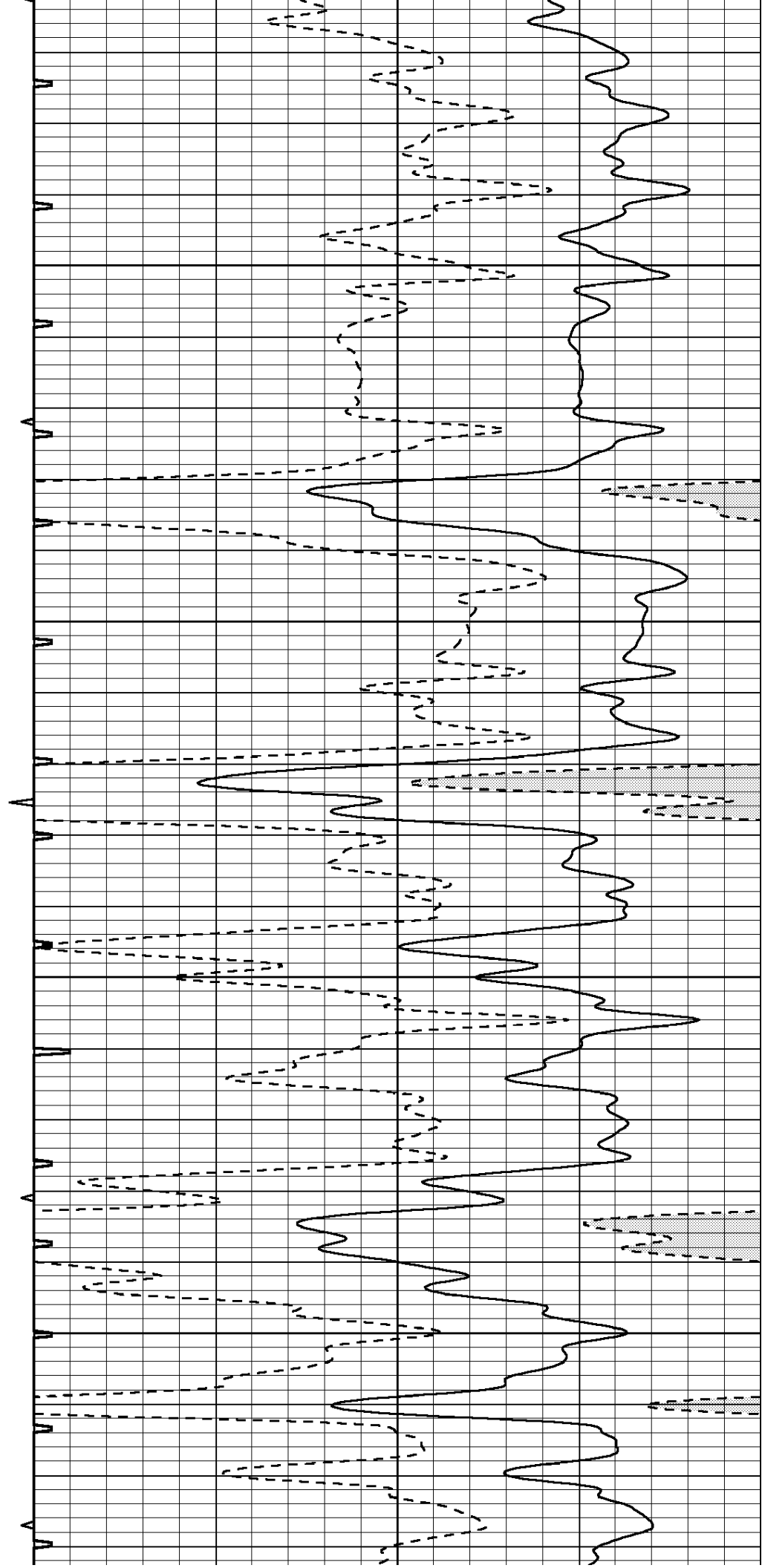


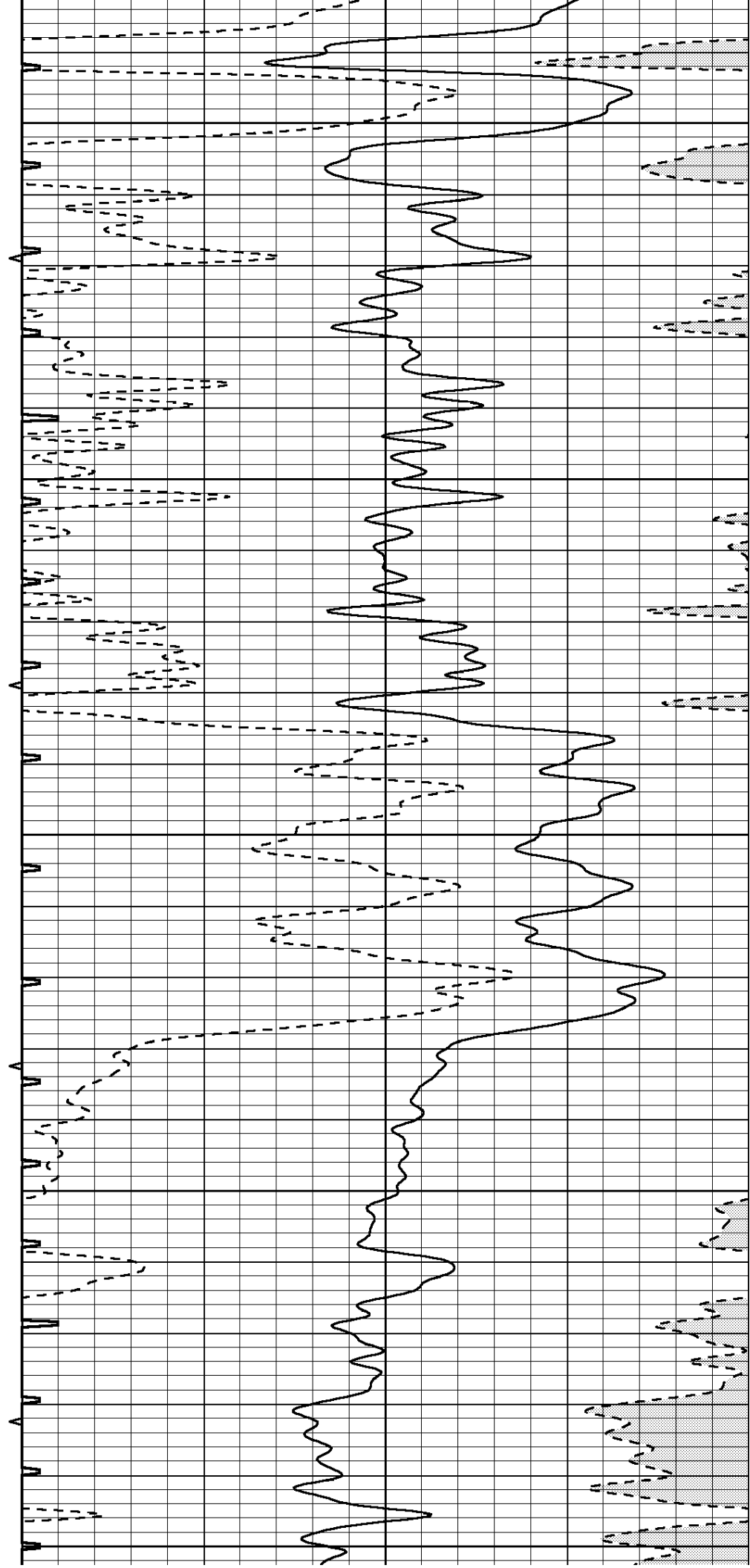
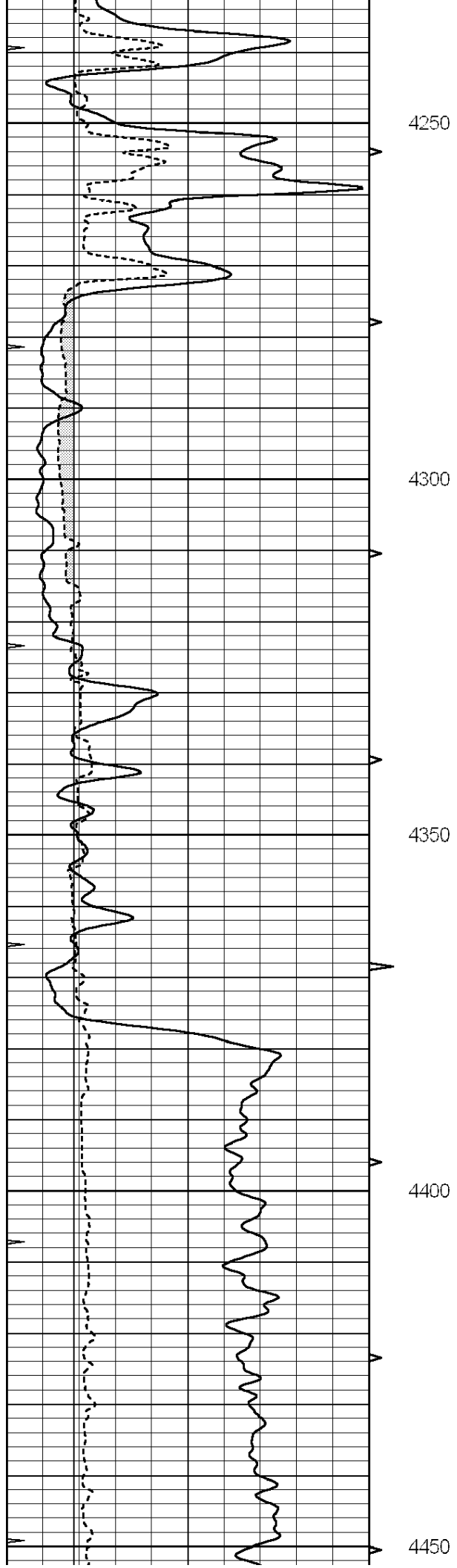
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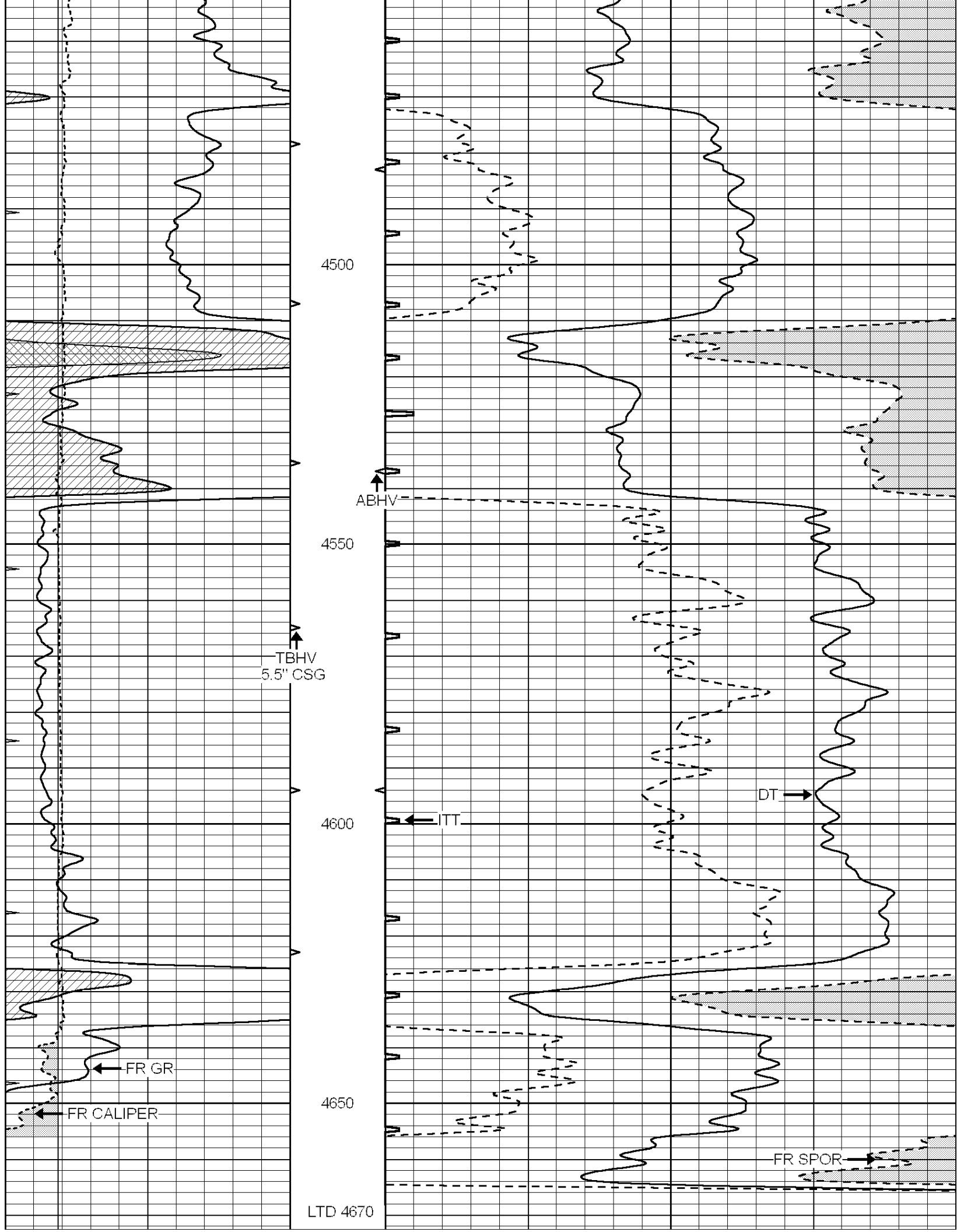
4100

4150

4200







0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	MELCAL (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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REPEAT SECTION

Database File: 24427pe.db
Dataset Pathname: pass5.1
Presentation Format: _slt
Dataset Creation: Wed May 07 15:56:10 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
6	MELCAL (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3) 10			

