



SUPERIOR
Hays,
Kansas

SONIC
LOG

Company	GREAT PLAINS ENERGY, INC.		
Well	MOFFET #1-32		
Field			
County	NORTON	State	KANSAS
Location:	API # : 15-137-20573	Other Services CDL/CNL MICRO/DIL	
SEC 32 TWP 2S RGE 23W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	2305
Log Measured From	KELLY BUSHING 5' A.G.L.	K.B. 2310'	D.F.
Drilling Measured From	KELLY BUSHING	G.L. 2305'	
Date	7-24-11		
Run Number	ONE		
Depth Driller	3640		
Depth Logger	3640		
Bottom Logged Interval	3633		
Top Log Interval	3050		
Casing Driller	219		
Casing Logger	219		
Bit Size	7.85		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3 / 41		
pH / Fluid Loss	10.5 / 7.6		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.10 @ 84F		
Rmf @ Meas. Temp	0.83 @ 84F		
Rmc @ Meas. Temp	1.32 @ 84F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.830 @ 111F		
Time Circulation Stopped	2 NHOURS		
Time Logger on Bottom	9:15 A.M.		
Maximum Recorded Temperature	111F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	RICHARD BELL		

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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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: NORTON, 2W TO W2 RD., 3/4N, W INTO.

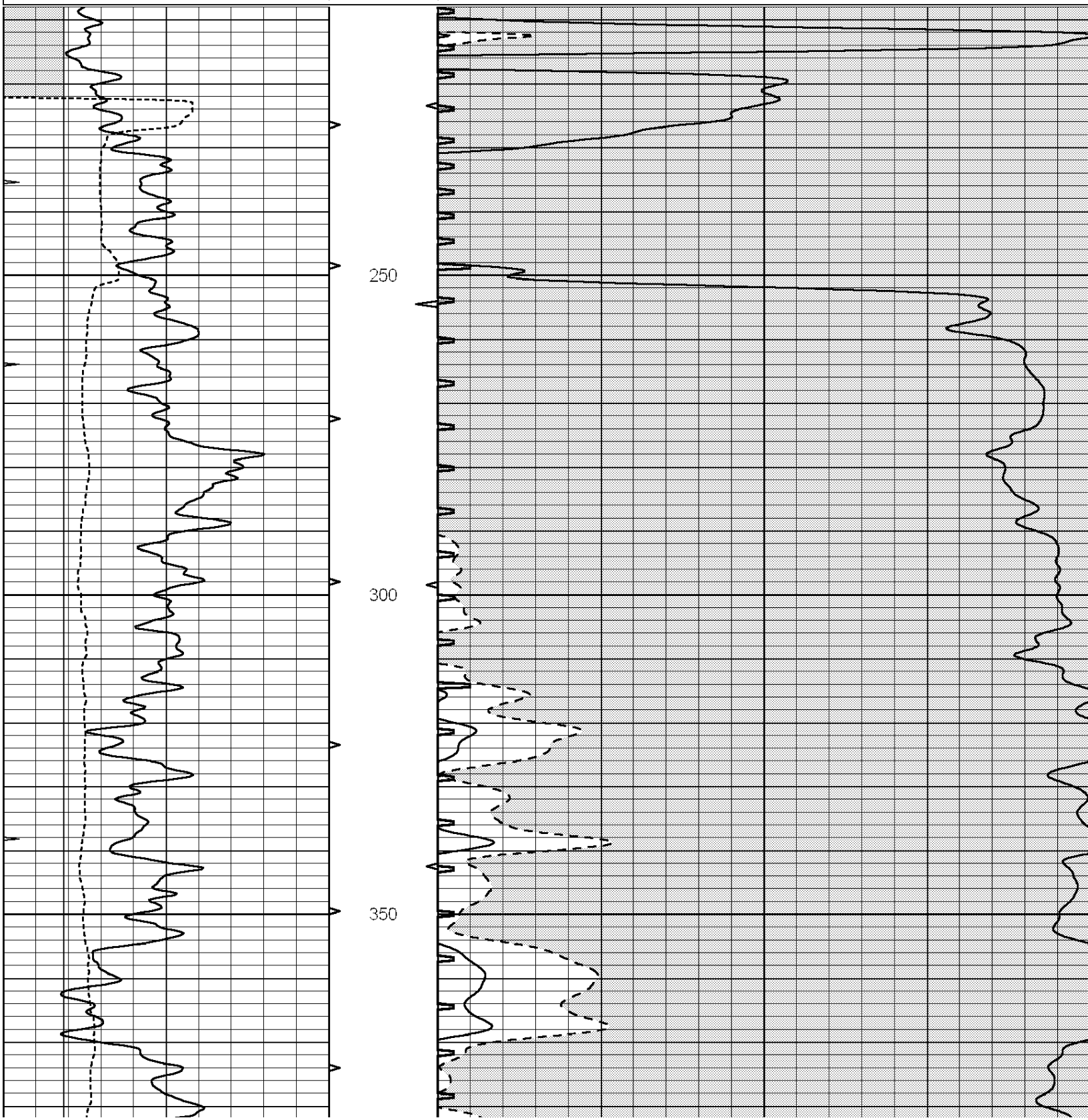


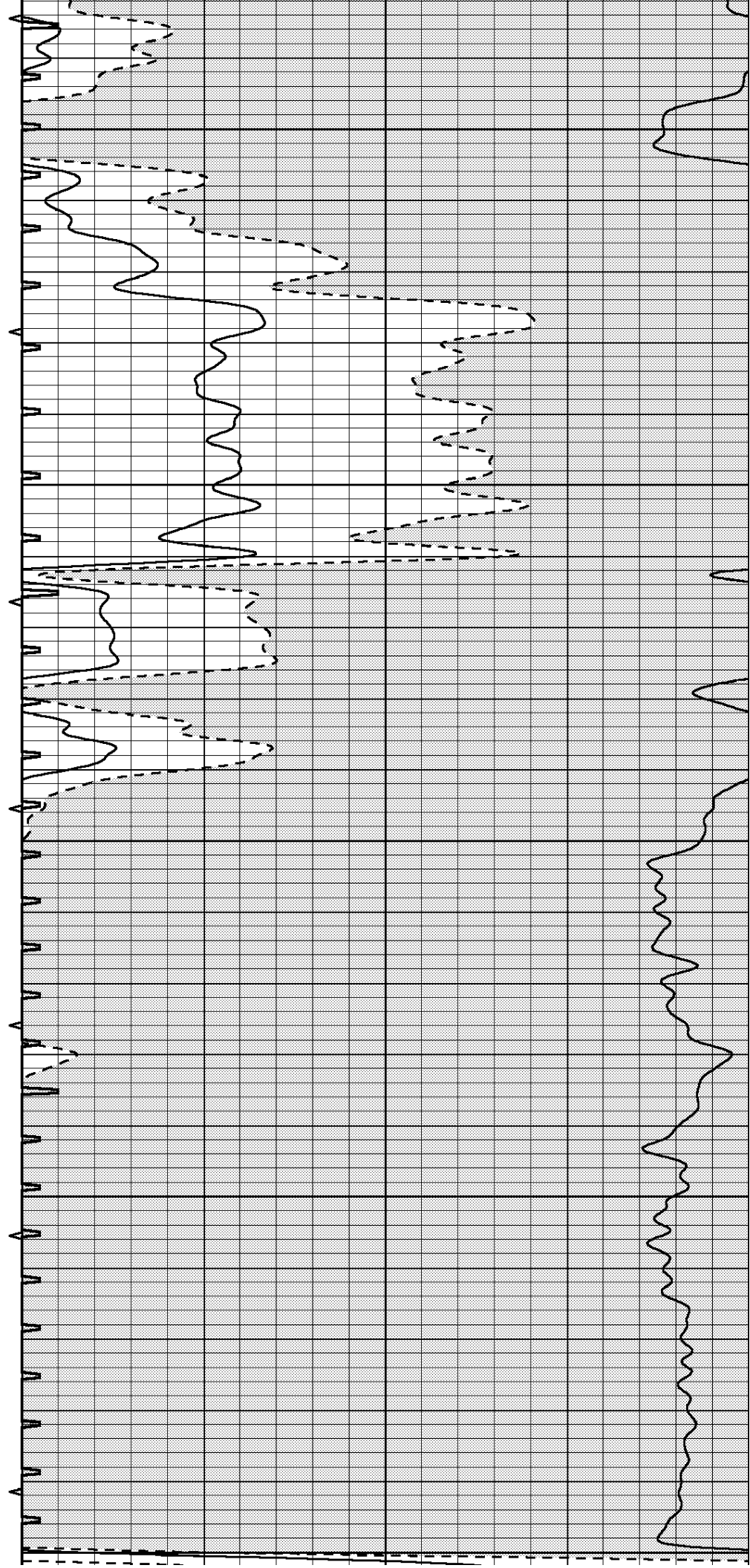
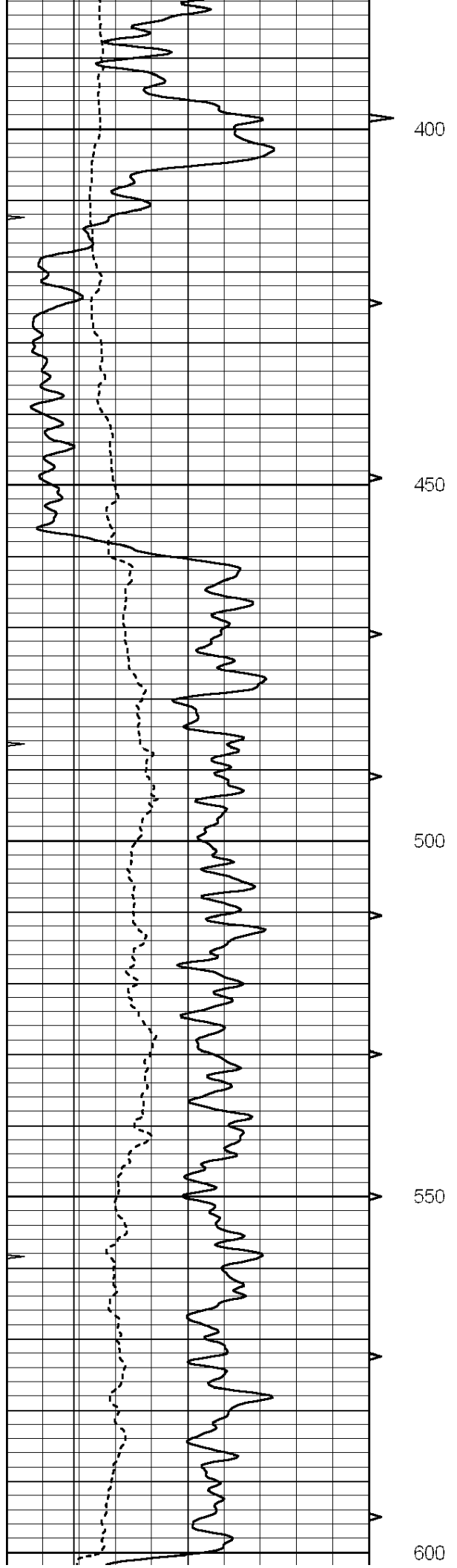
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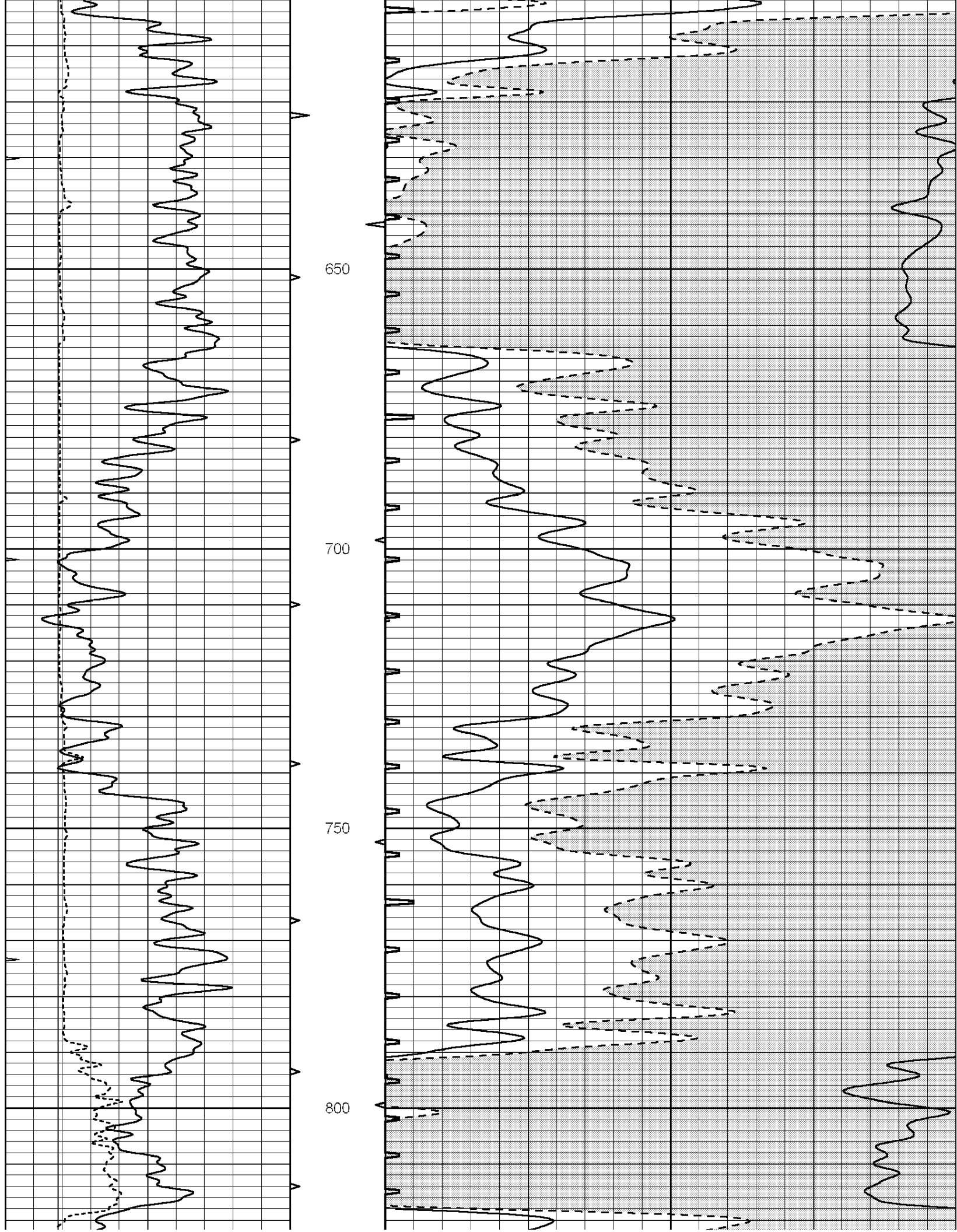
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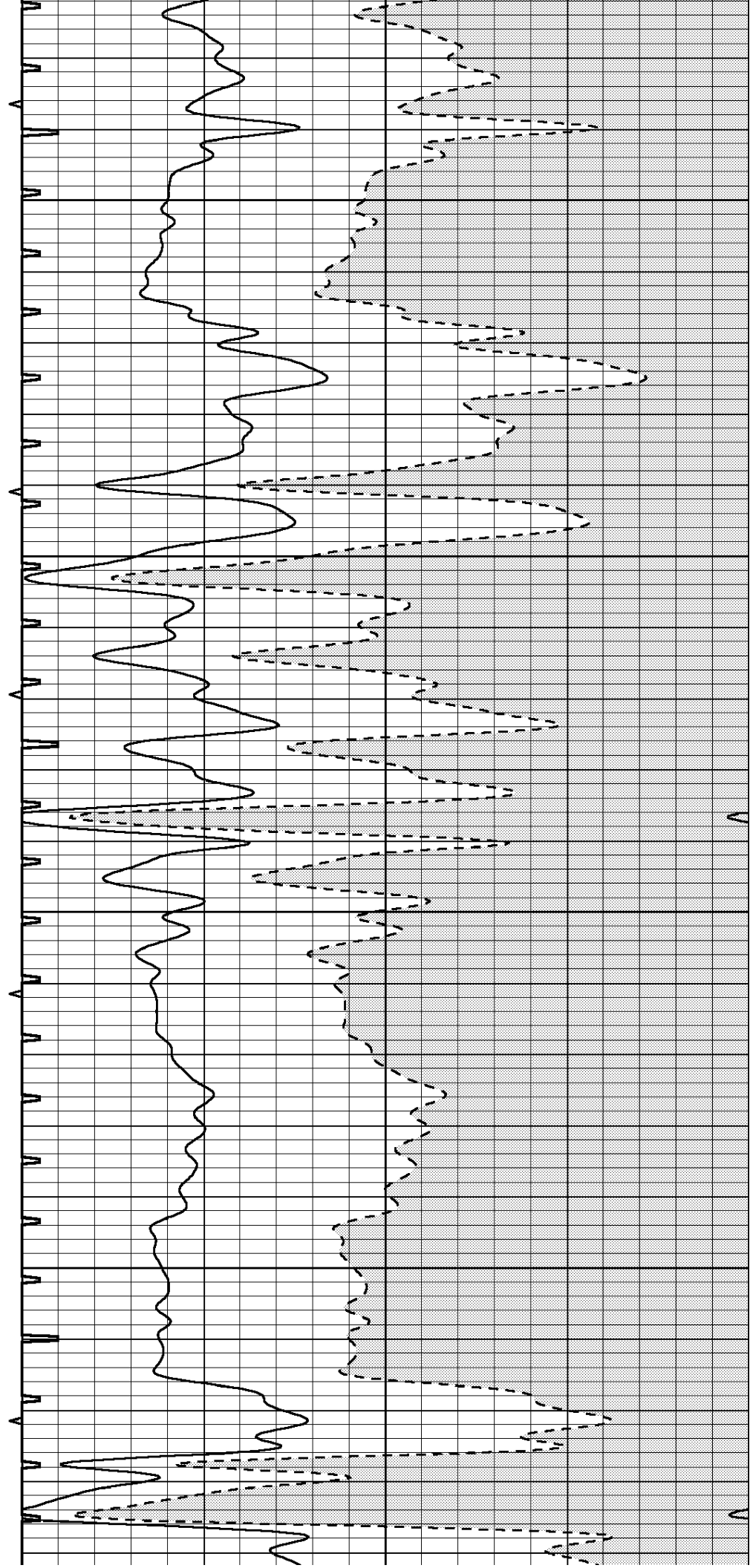
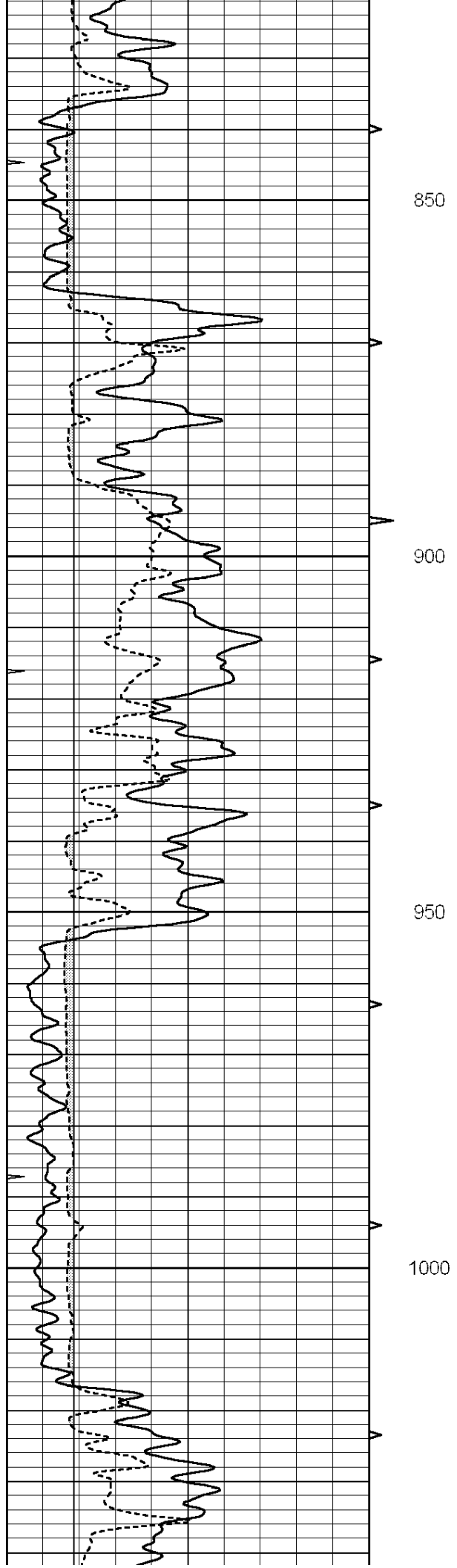
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 Charted by: Depth in Feet scaled 1:240

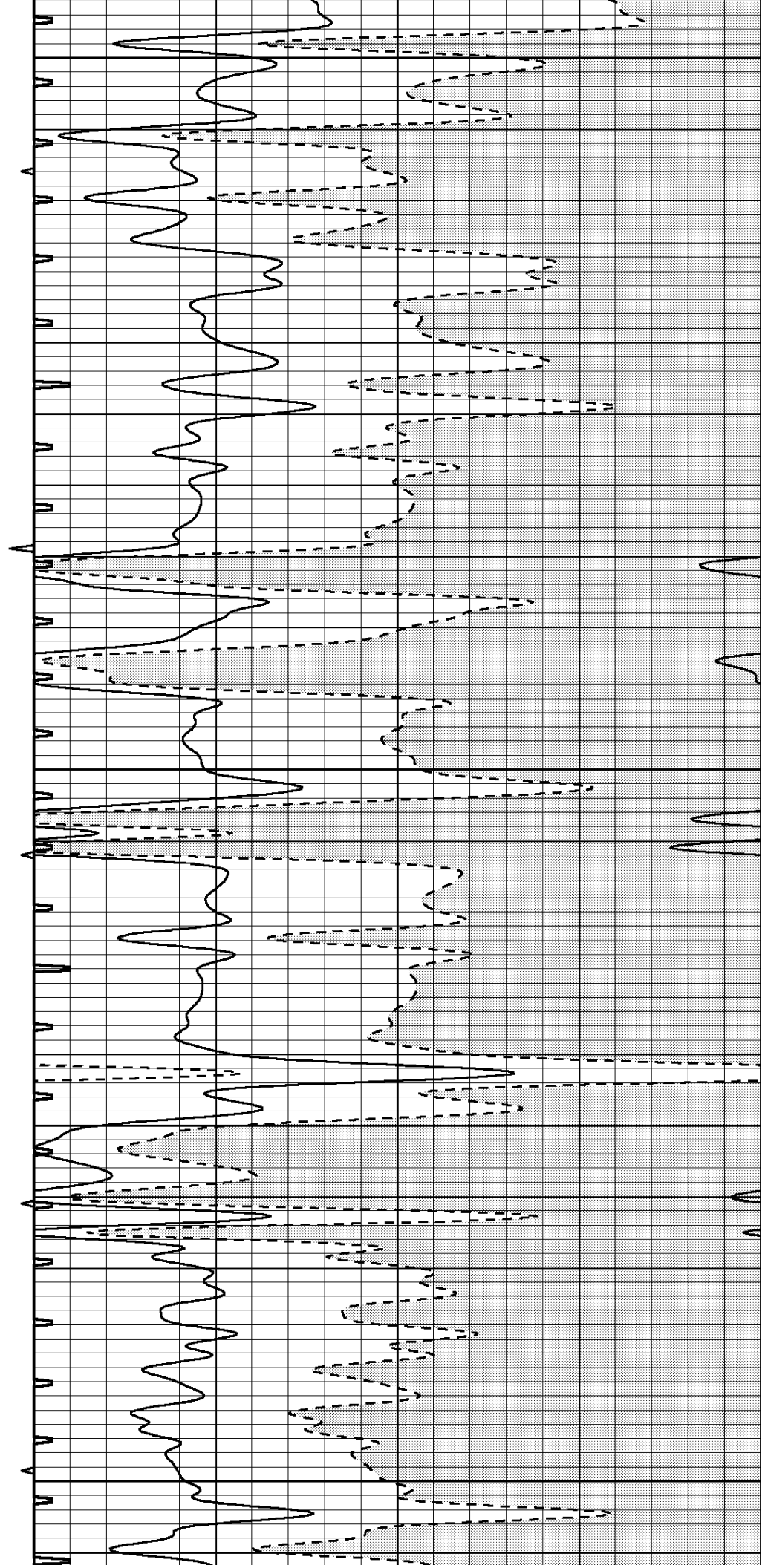
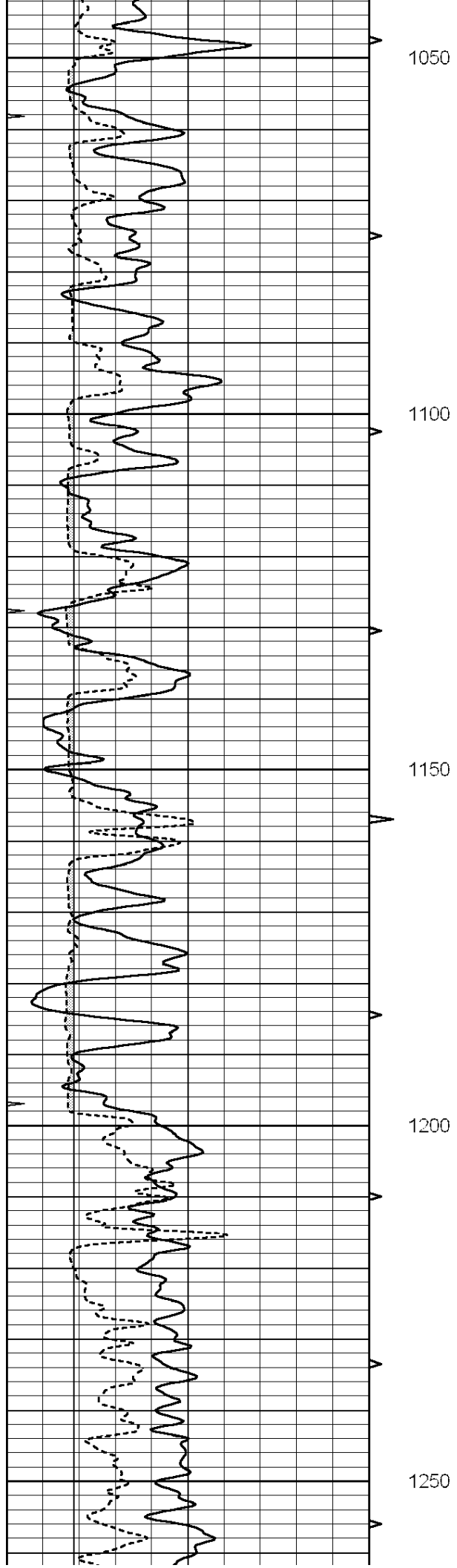
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6	MELCAL (in)	16	10 (ft3)	0 30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3)	10		

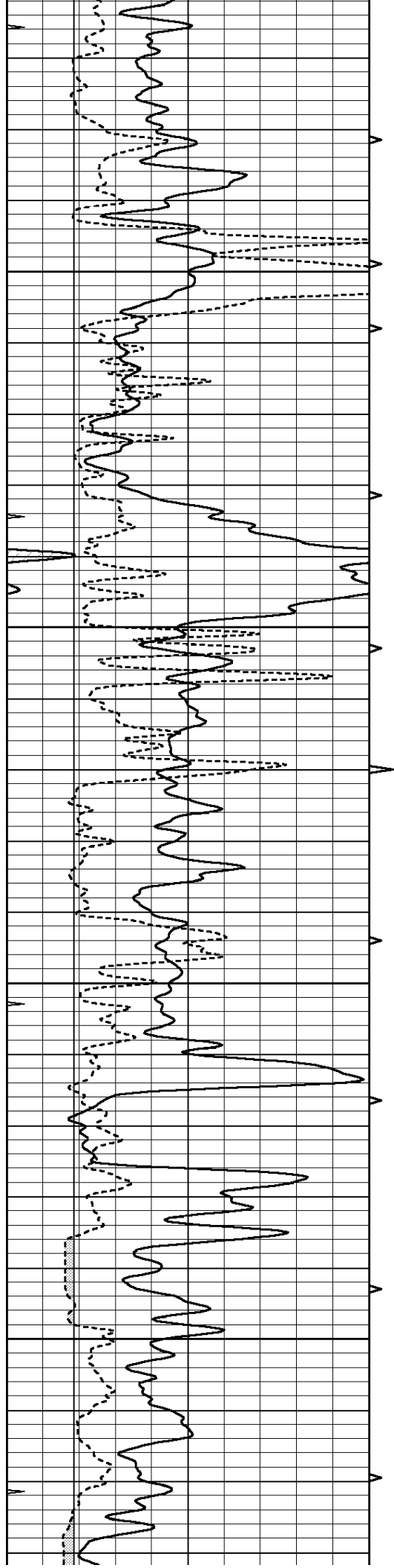










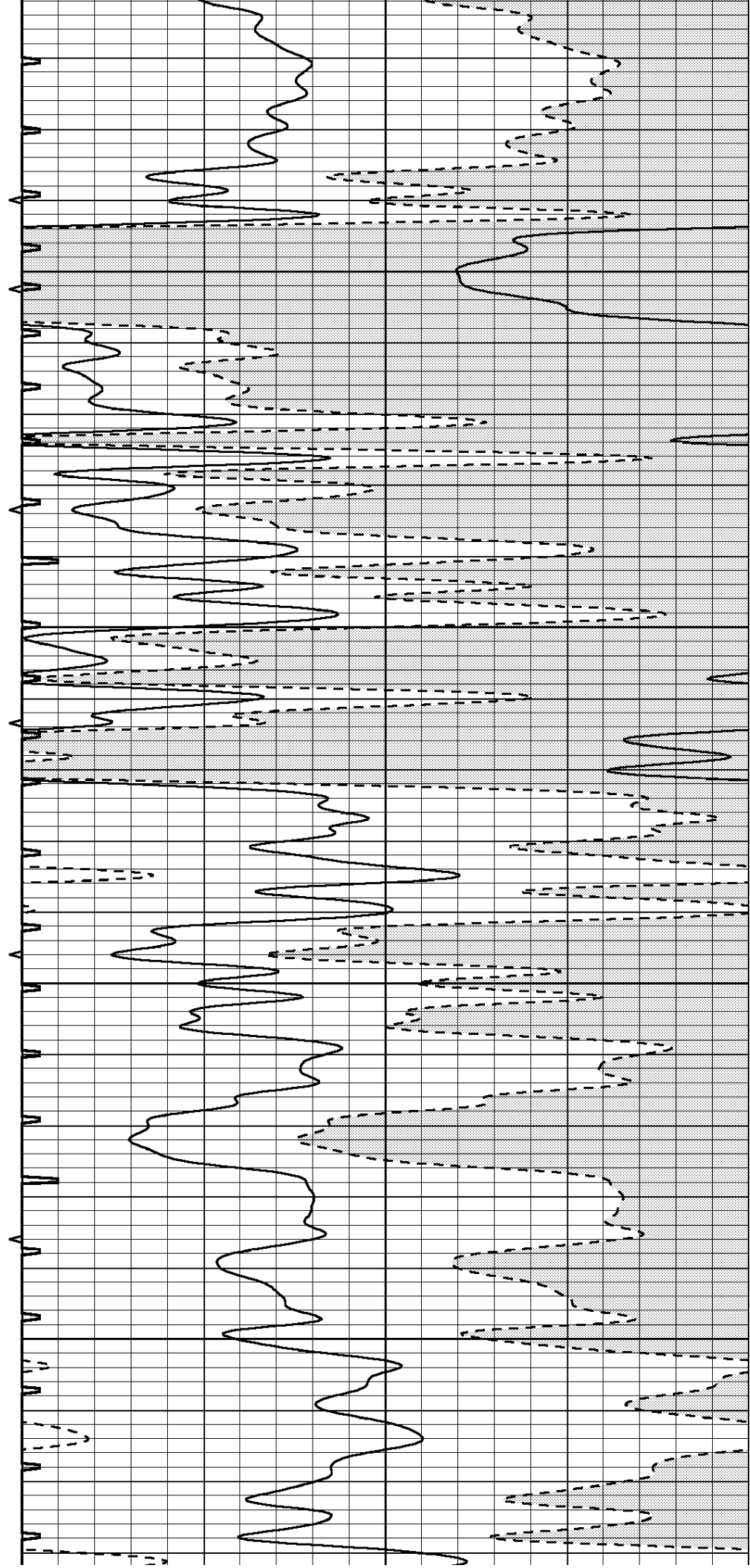


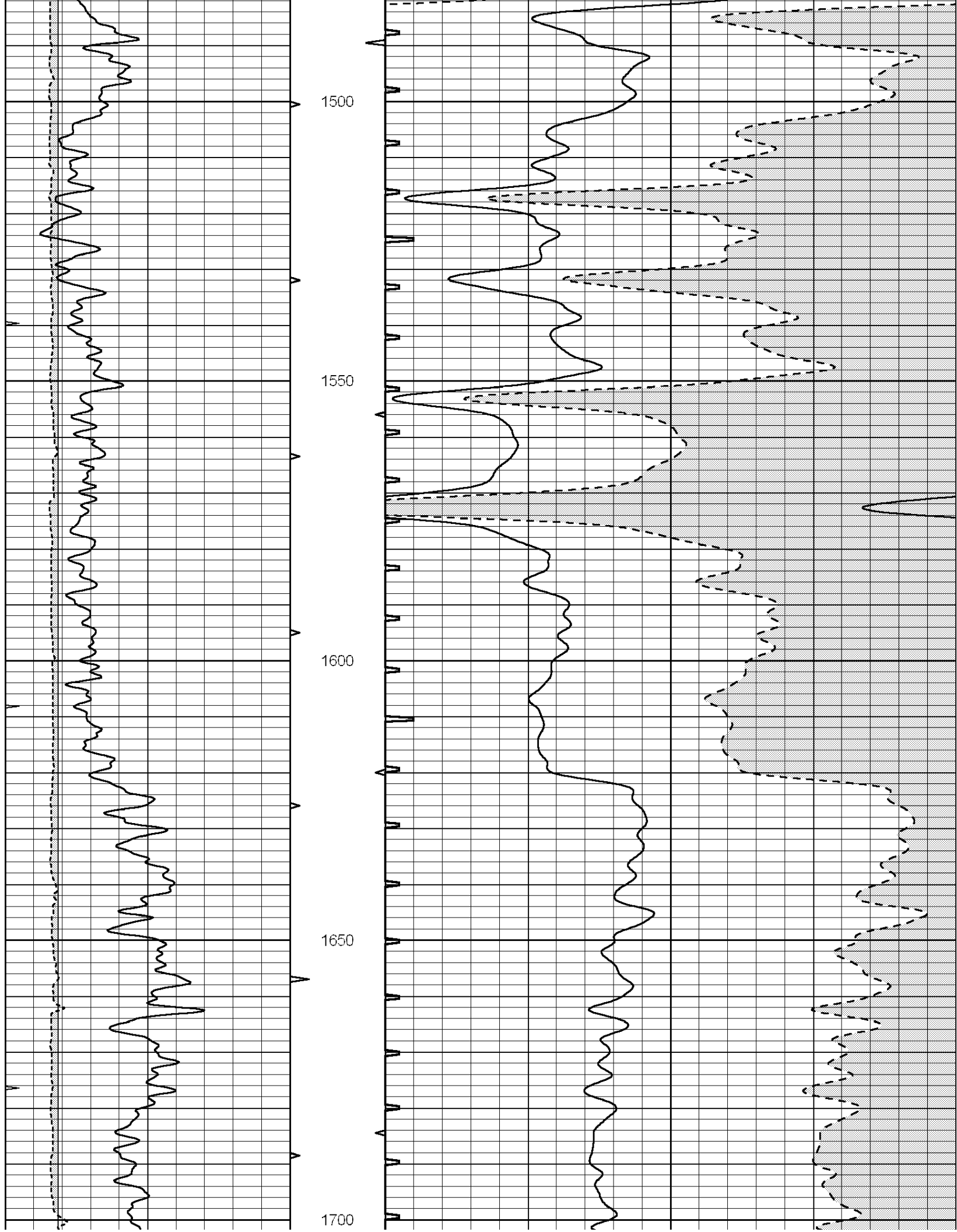
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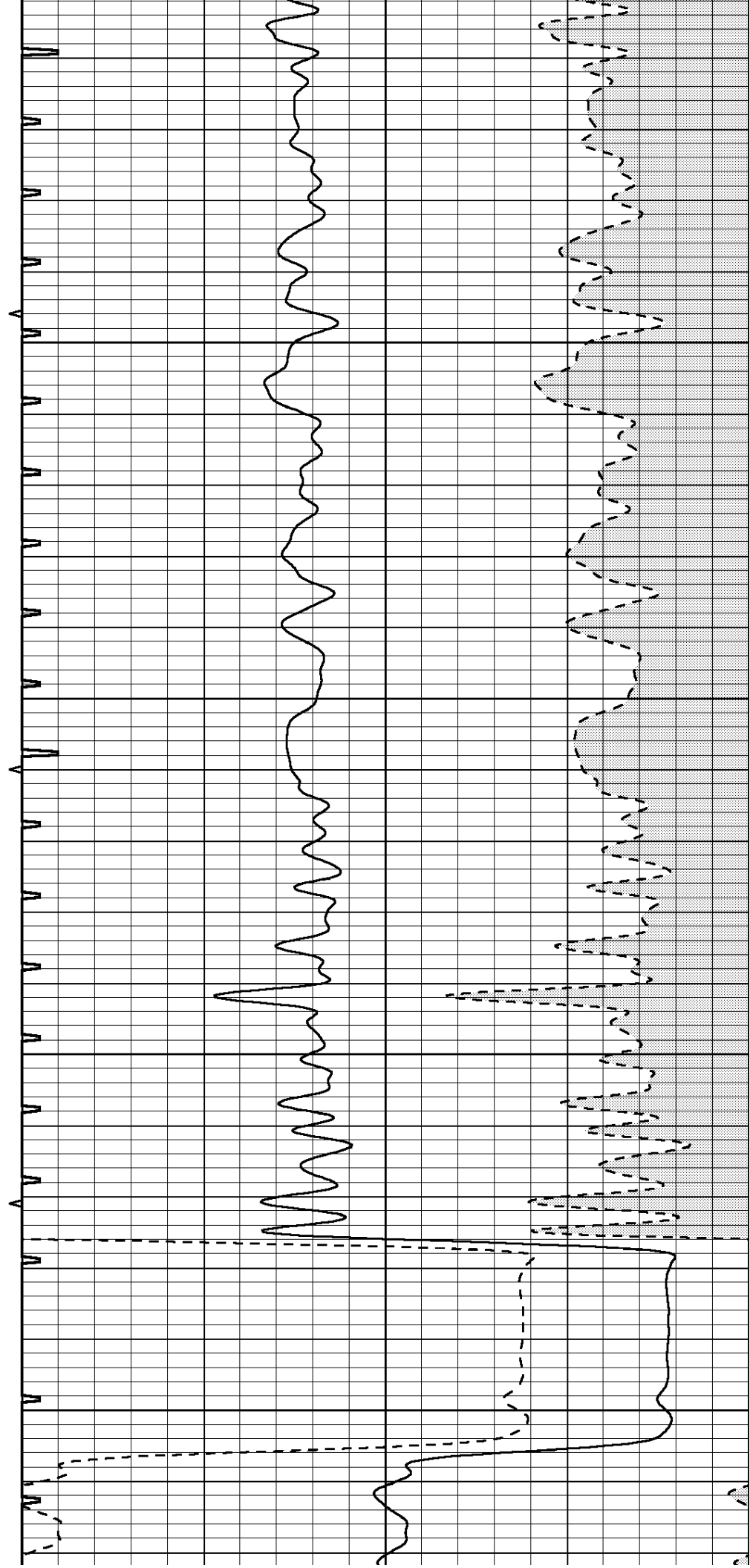
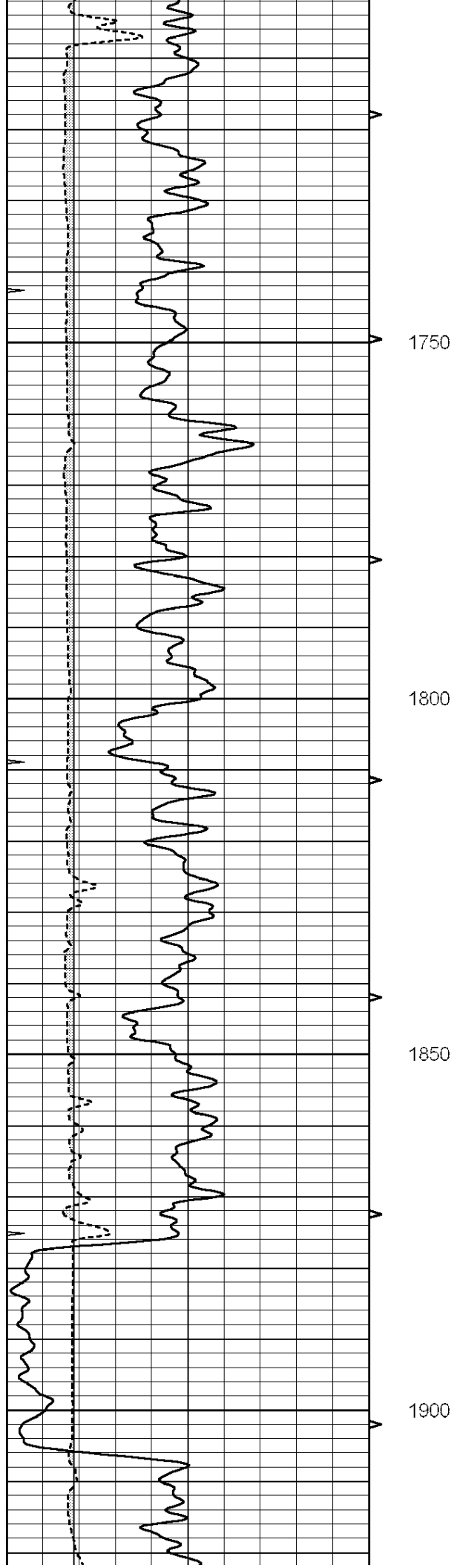
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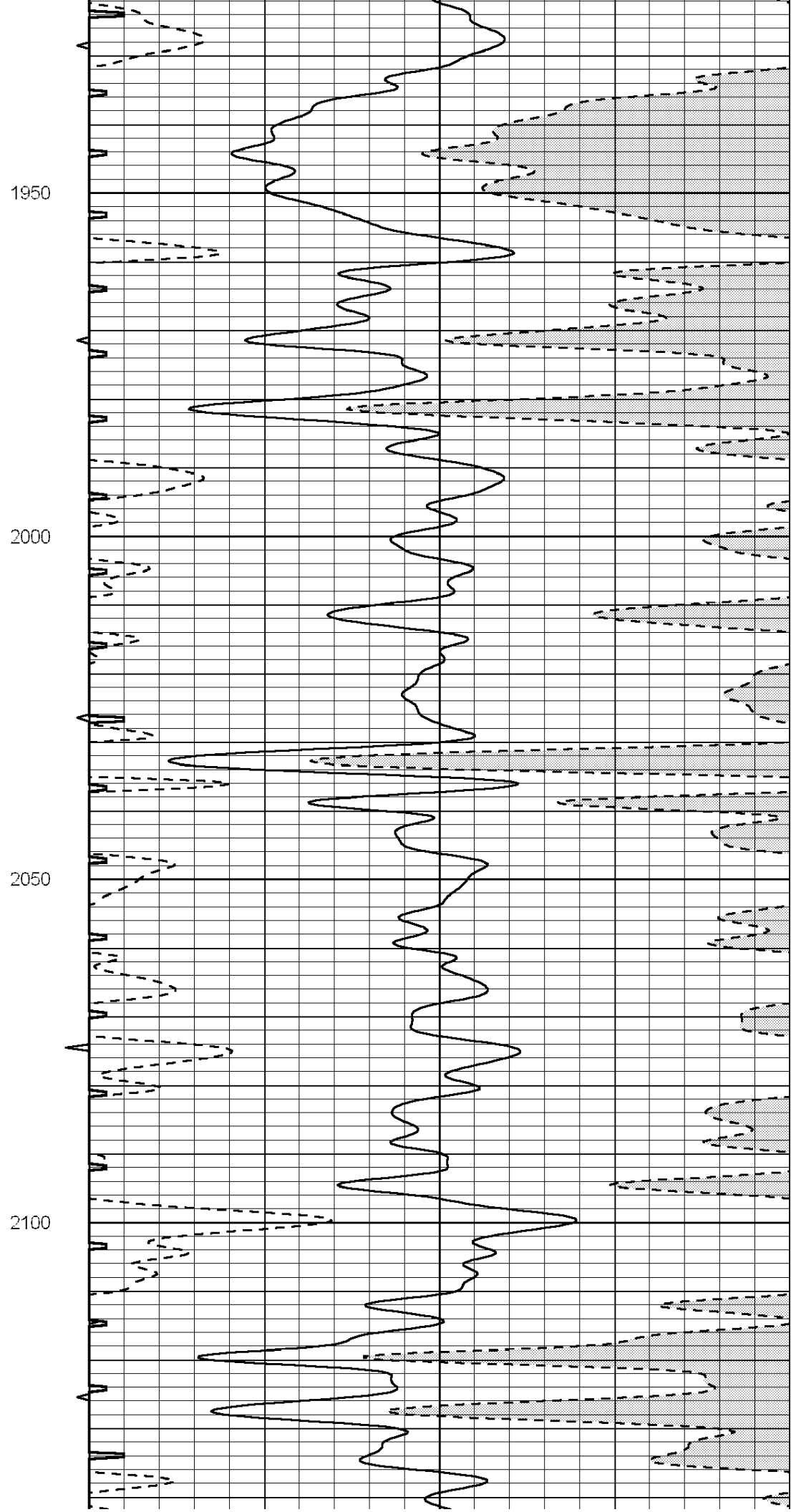
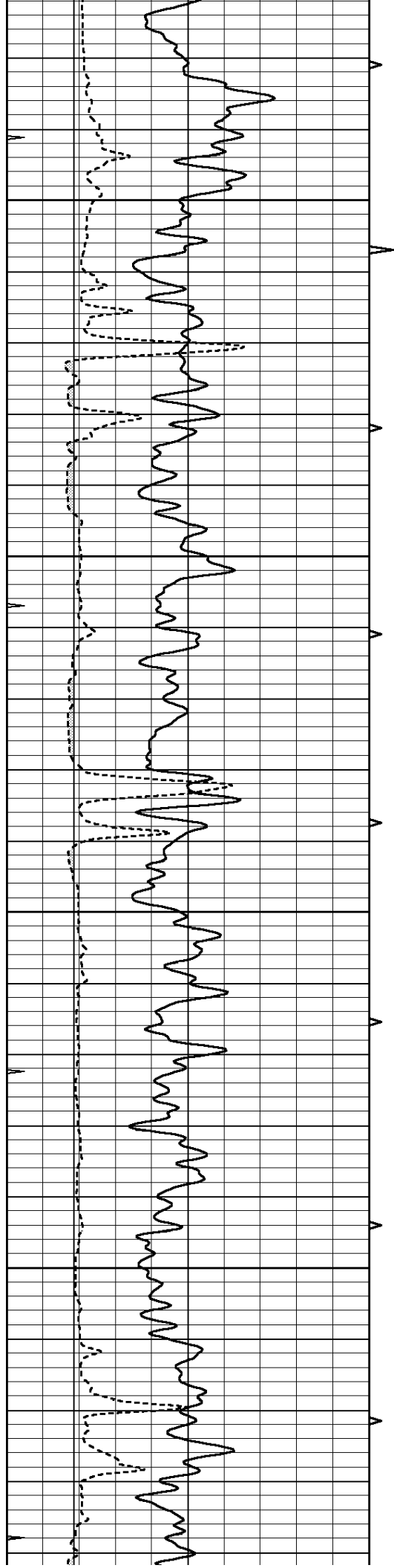
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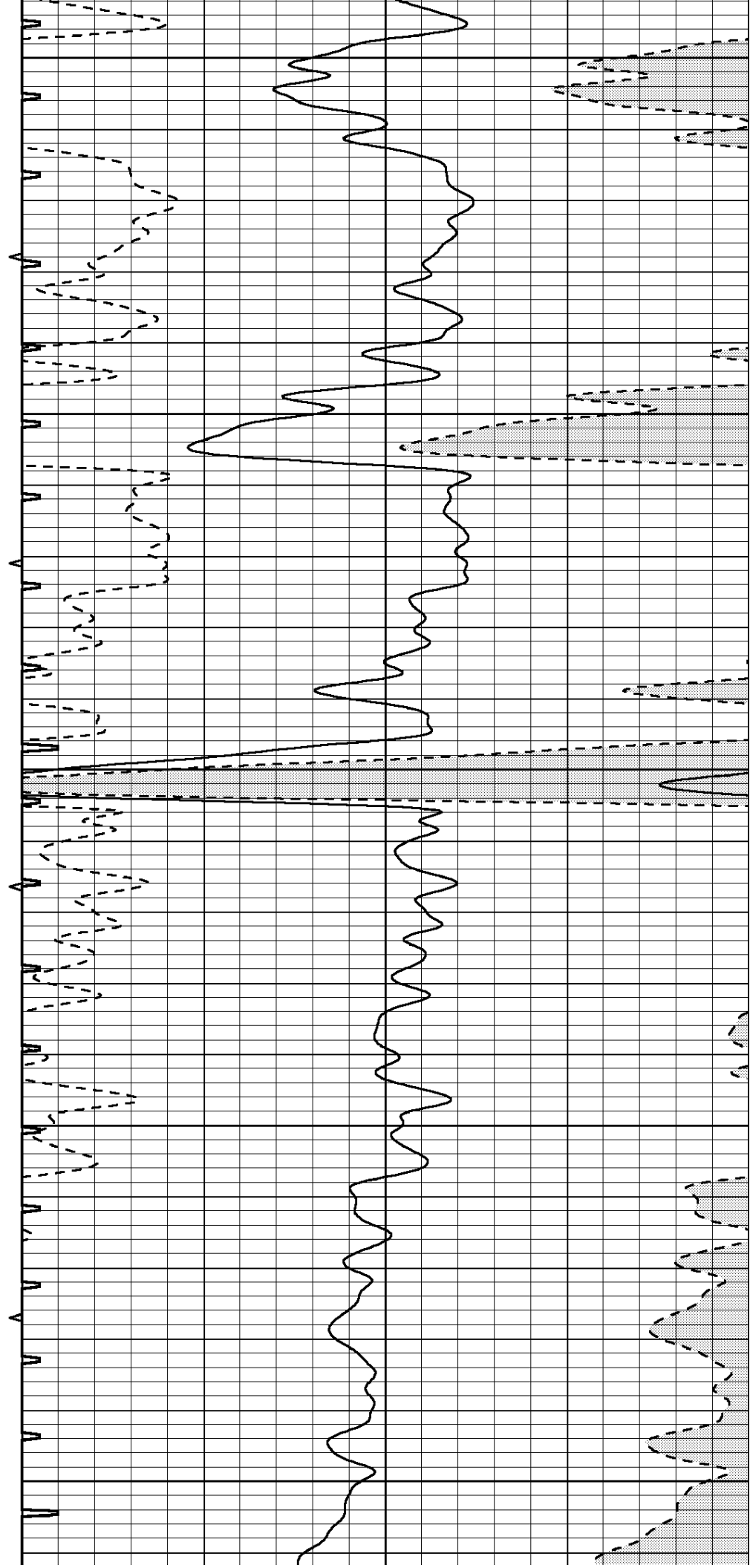
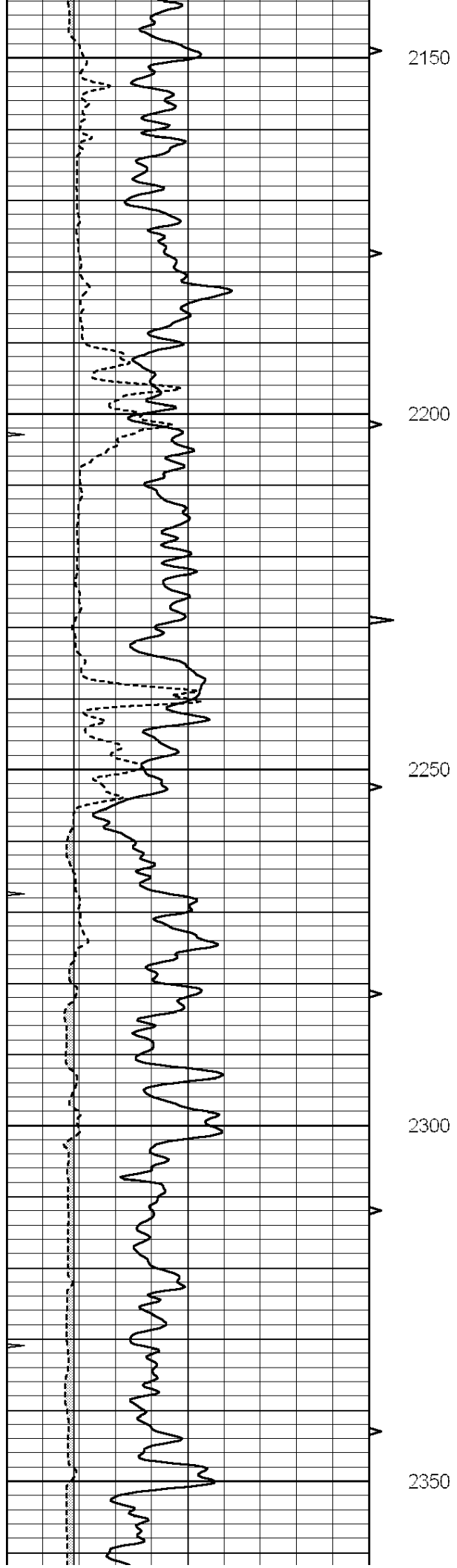
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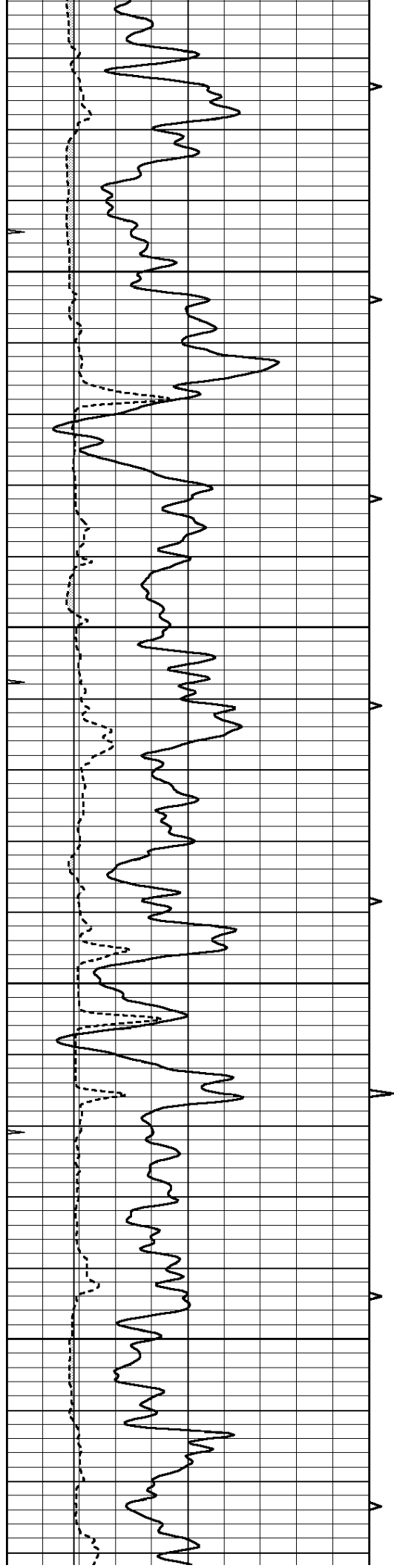










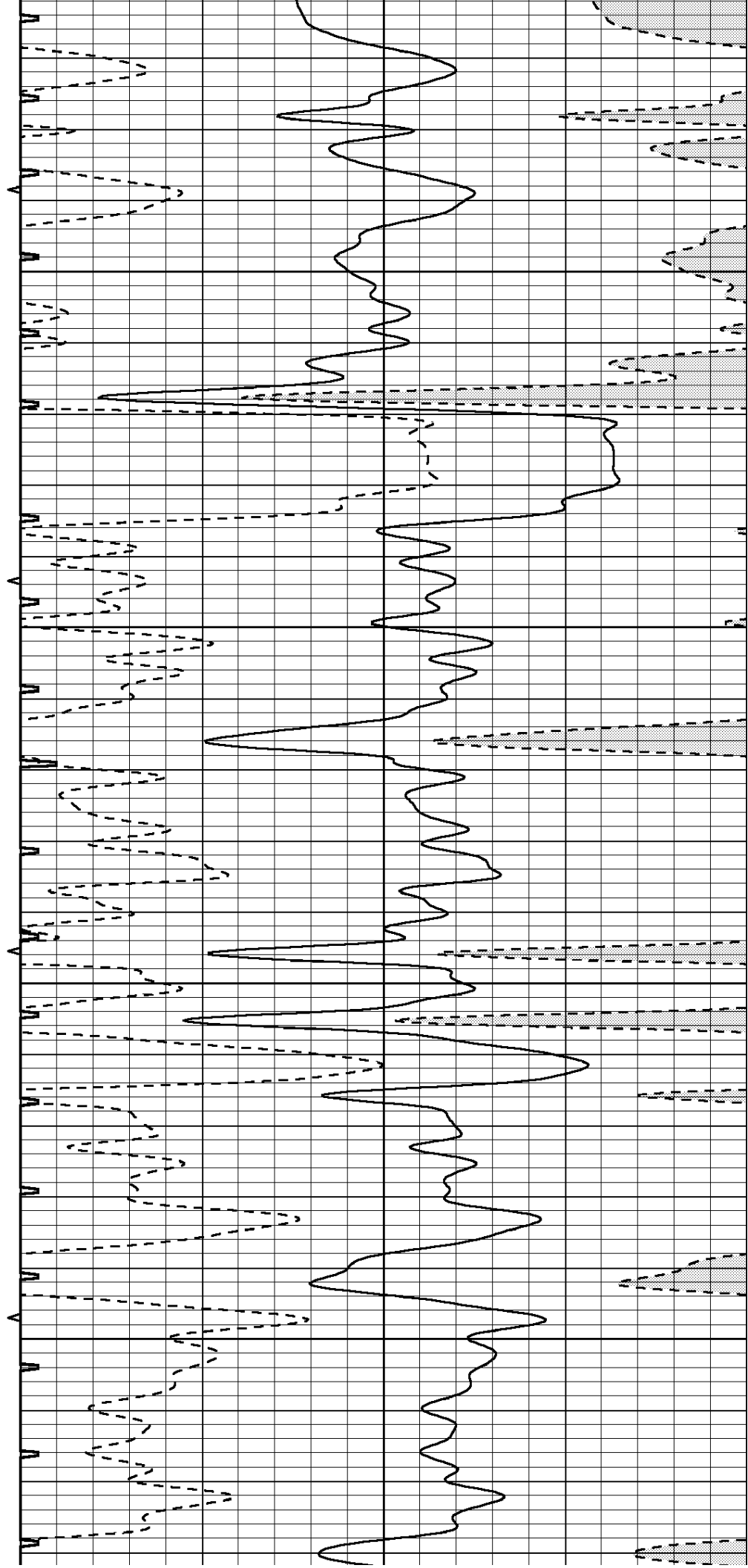


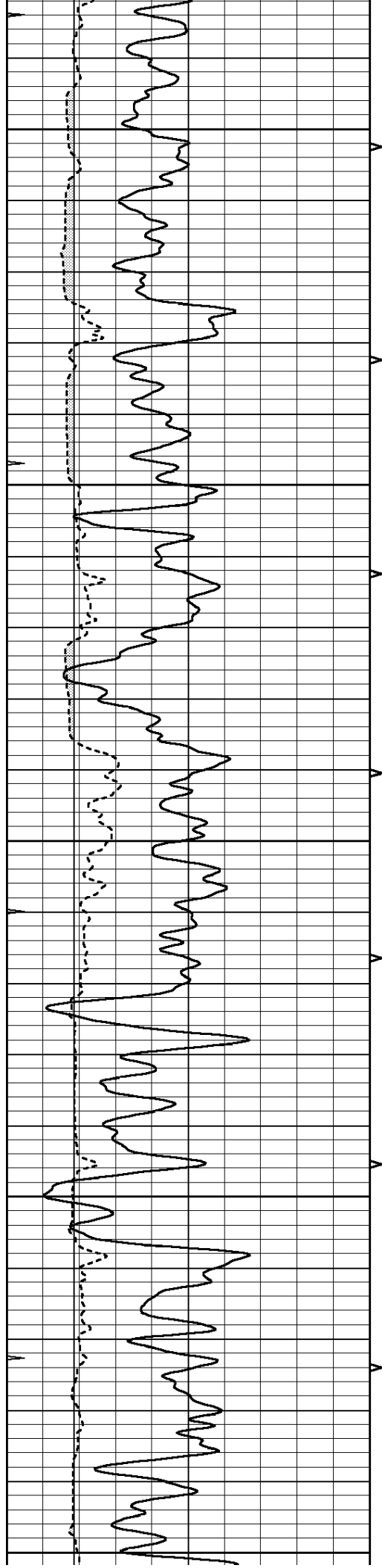
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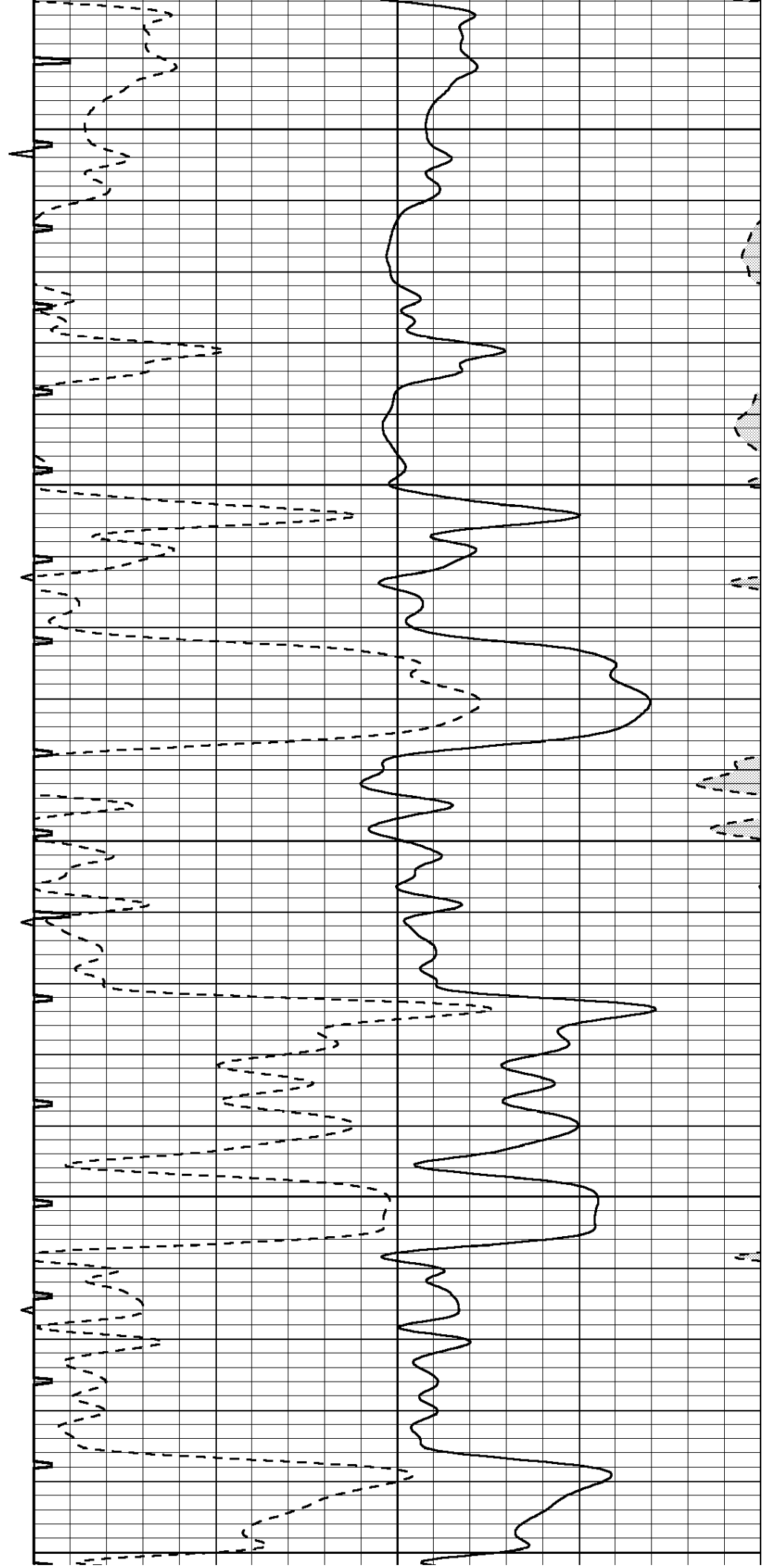
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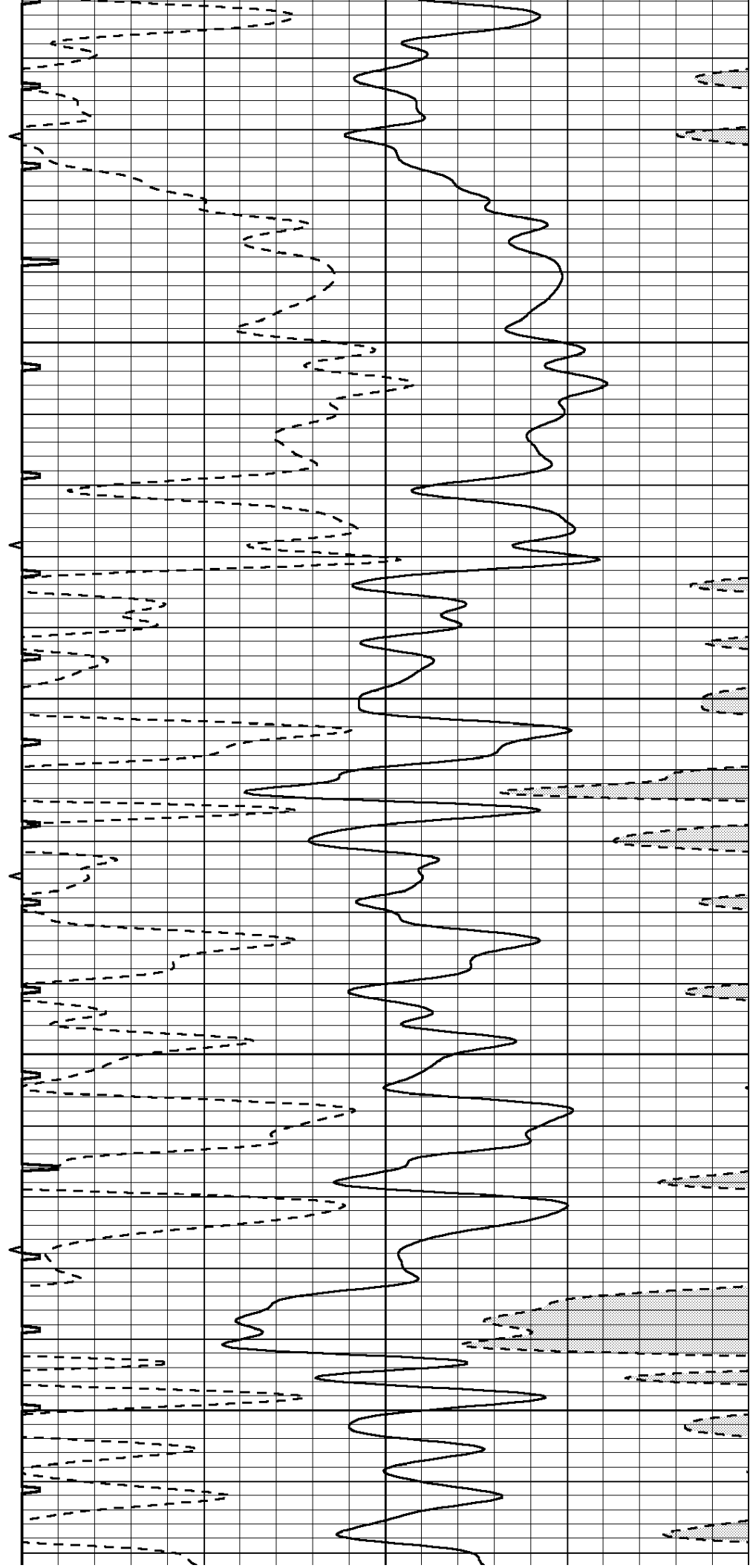
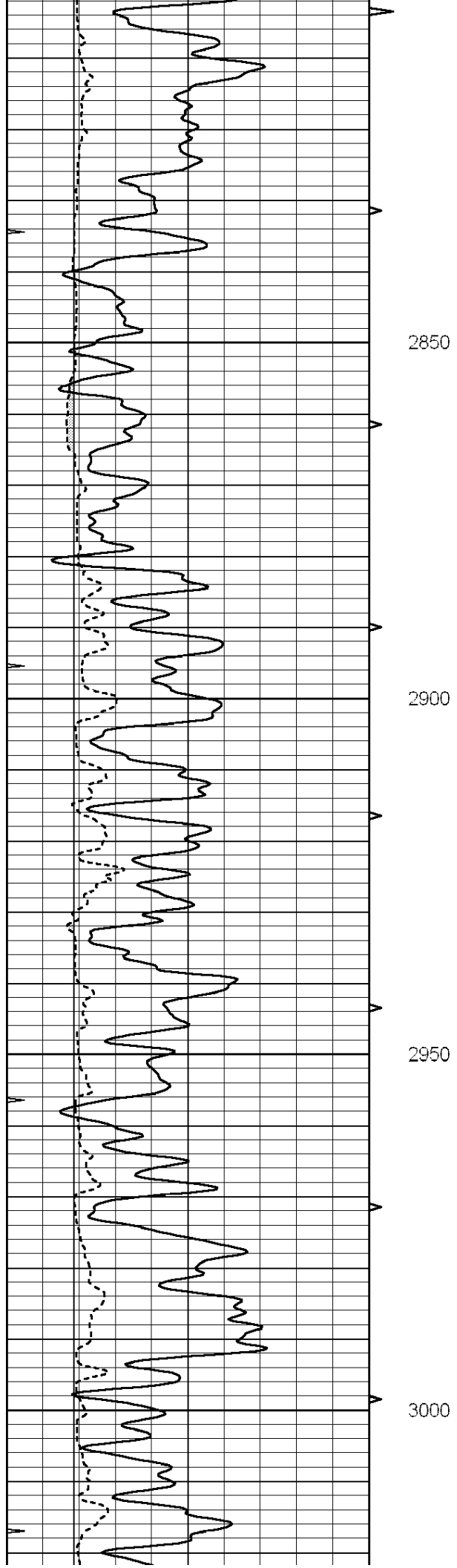
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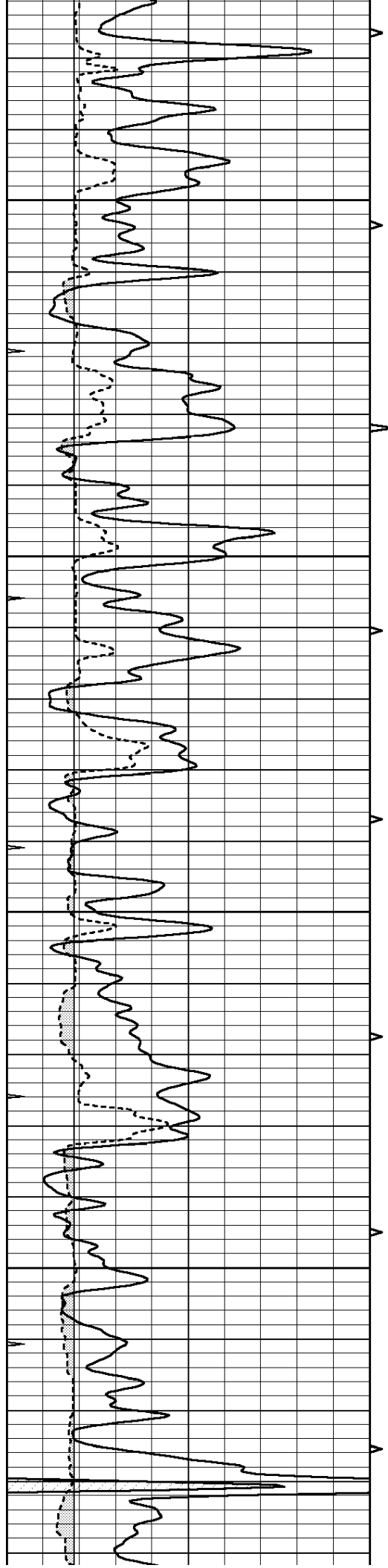
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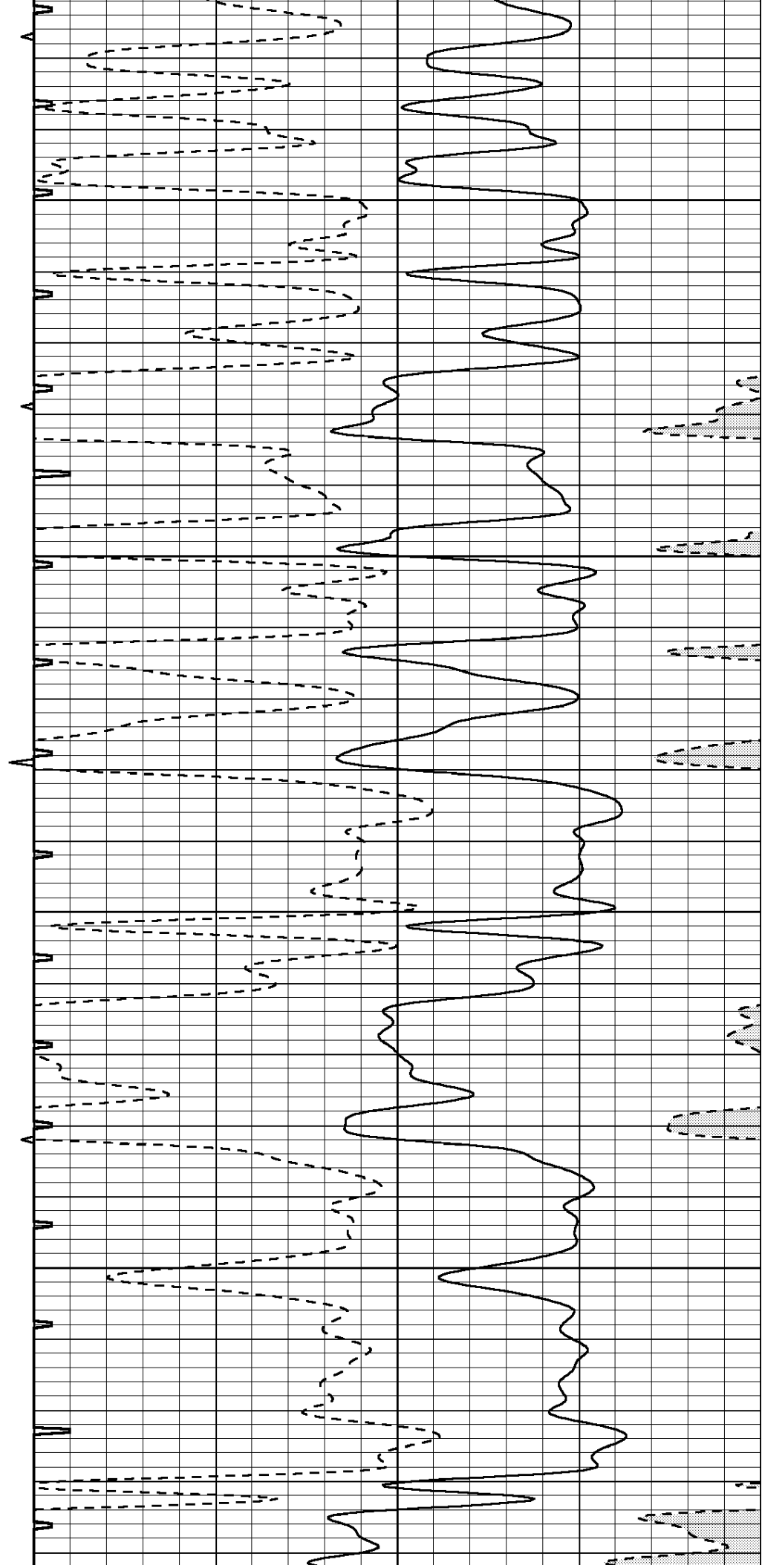


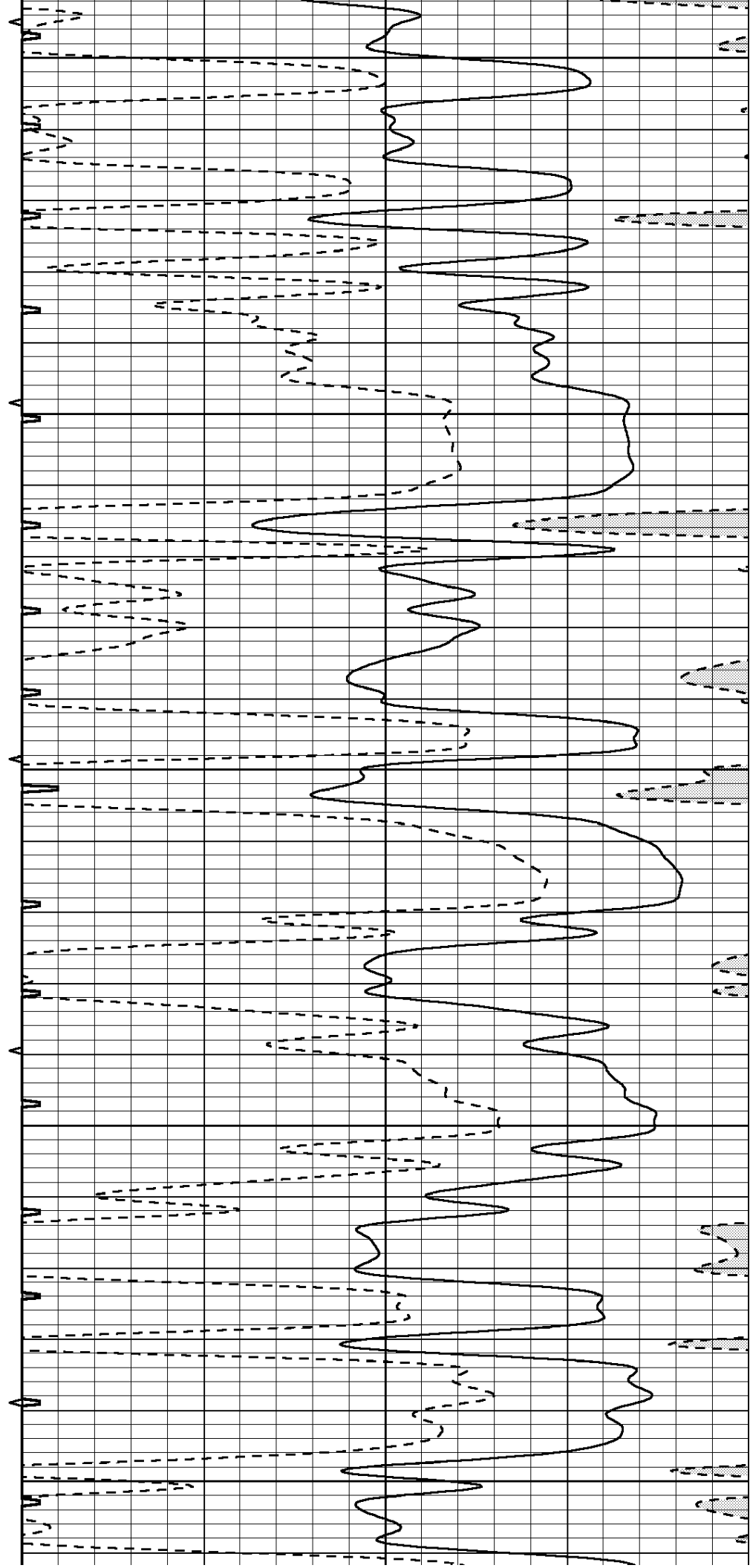
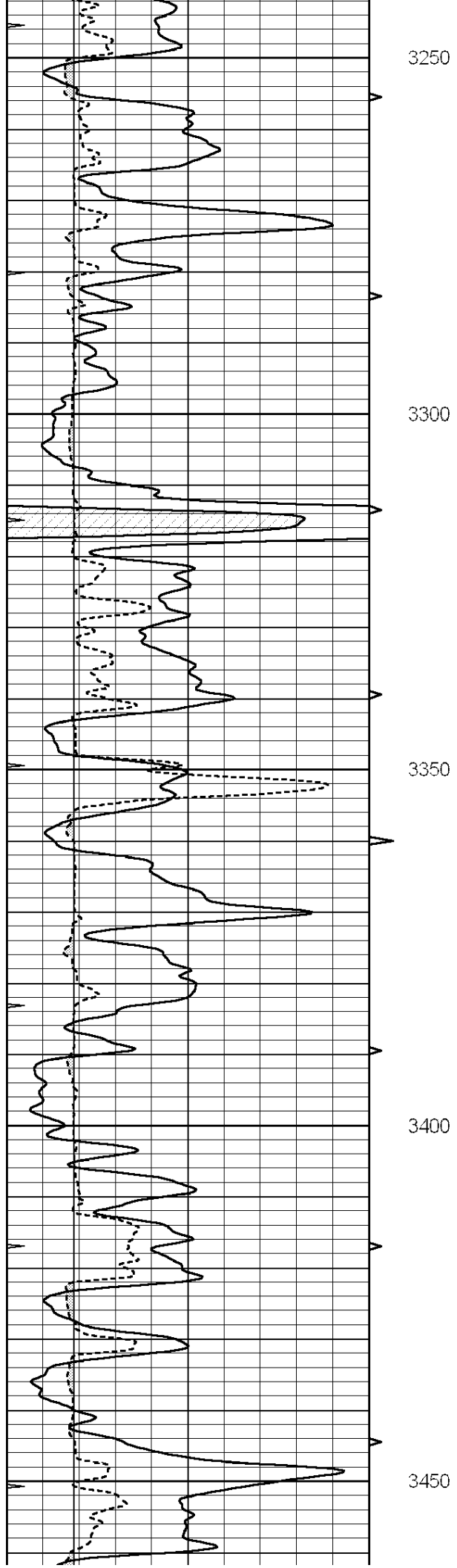
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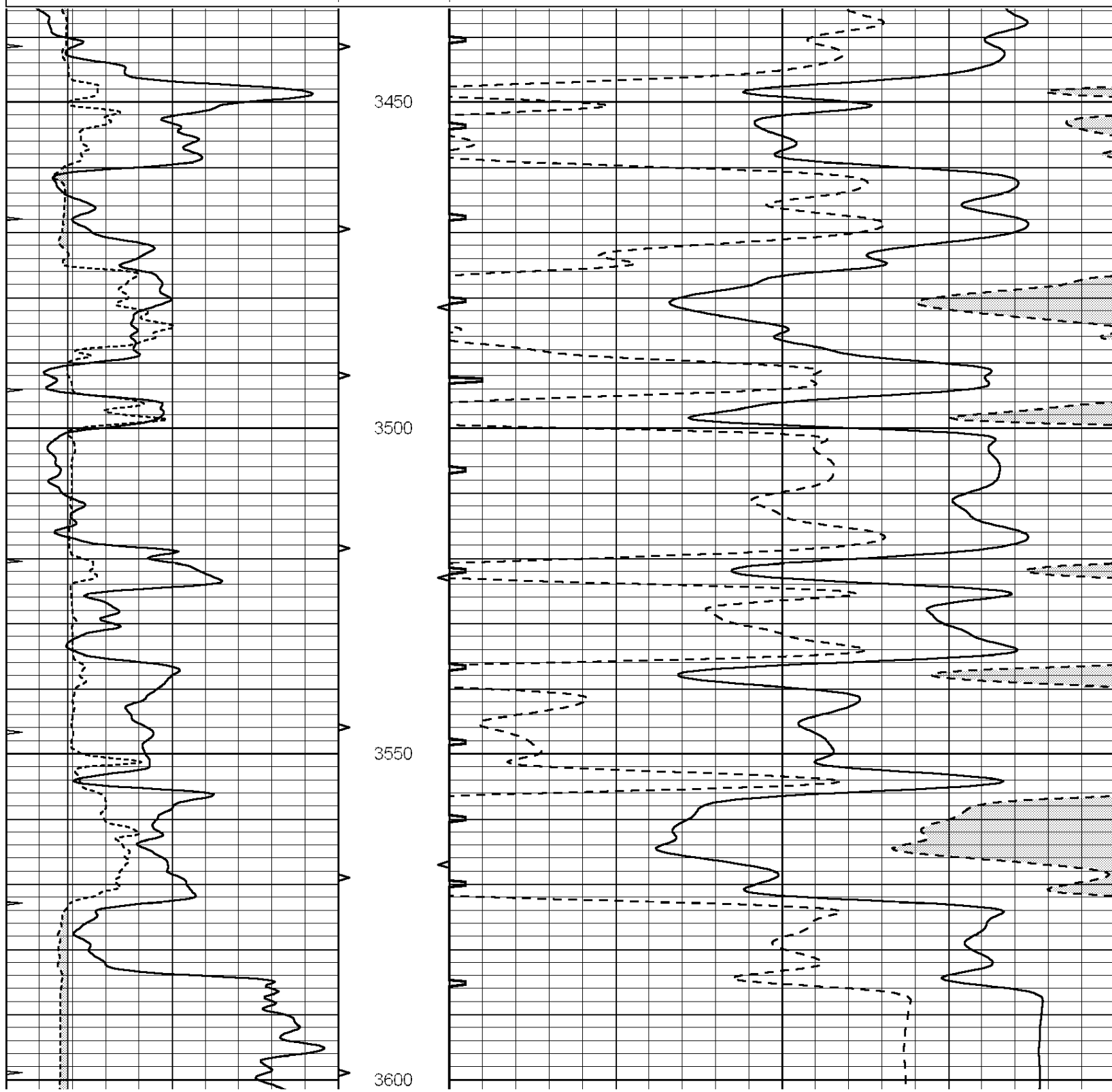


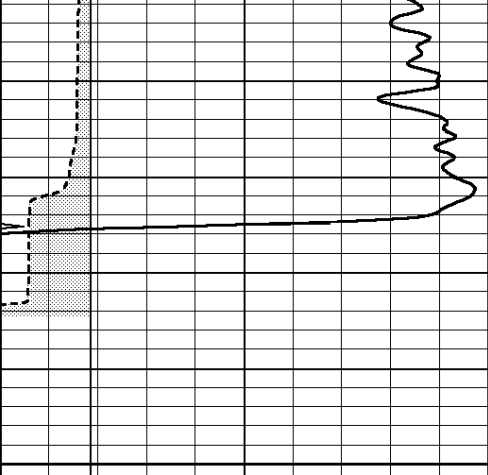
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REPEAT SECTION

Database File: 007335ddn.db
Dataset Pathname: pass2.1
Presentation Format: slt
Dataset Creation: Sun Jul 24 11:32:39 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	MELCAL (in)	16	10 (ft3)	0 30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3)	10		





3650

ABHV

0 GAMMA RAY (GAPI) 150

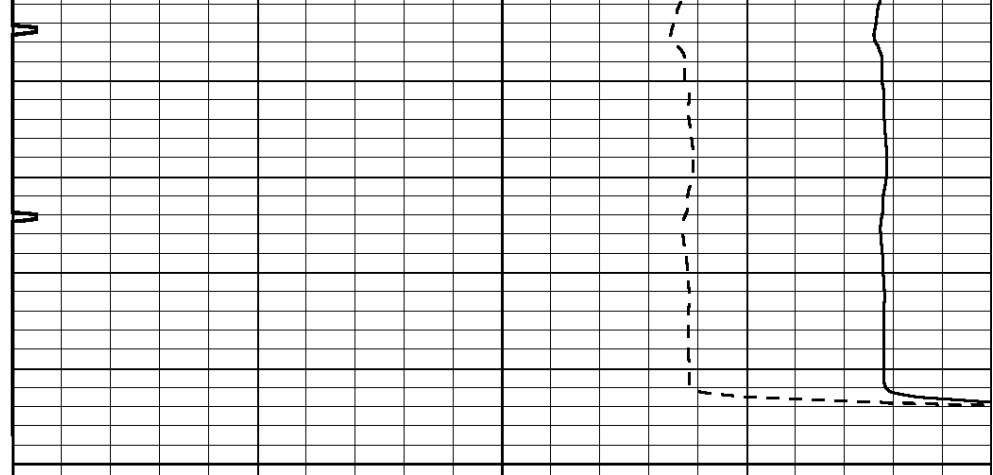
6 MELCAL (in) 16

0 MINMK 20

10 (ft3) 0

TBHV

0 (ft3) 10



140 DELTA TIME (usec/ft) 40

30 SONIC POROSITY (pu) -10

0 ITT (msec) 20