



SUPERIOR
Hays,
Kansas

SONIC LOG

Company	MAI OIL OPERATIONS, INC.		
Well	MORGENSTERN #1		
Field	CAPITOL VIEW		
County	BARTON	State	KANSAS
Location:	API # : 15-009-25722-0000		Other Services CDL/CNL DIL/MEL
Permanent Datum Log Measured From Drilling Measured From		GROUND LEVEL KELLY BUSHING 8' A.G.L. KELLY BUSHING	Elevation K.B. 1905 D.F. 1903 G.L. 1897
Date	8/7/12		
Run Number	TWO		
Depth Driller	3485		
Depth Logger	3486		
Bottom Logged Interval	3476		
Top Log Interval	870		
Casing Driller	886'		
Casing Logger	886'		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	8.7/50	CHLORIDES 5000	
pH / Fluid Loss	9.5/8.8		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	.70 @ 90F		
Rmf @ Meas. Temp	.52 @ 90F		
Rmc @ Meas. Temp	.84 @ 90F		
Source of Rmf / Rmc	MEASURED		
Rin @ BHT	.55 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	113F		
Equipment Number	836		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	JIM MUSGROVE		

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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
RUSSELL, KS. - S. PAST COUNTY LINE TO RD 150 - 2 3/4 W. - S. INTO

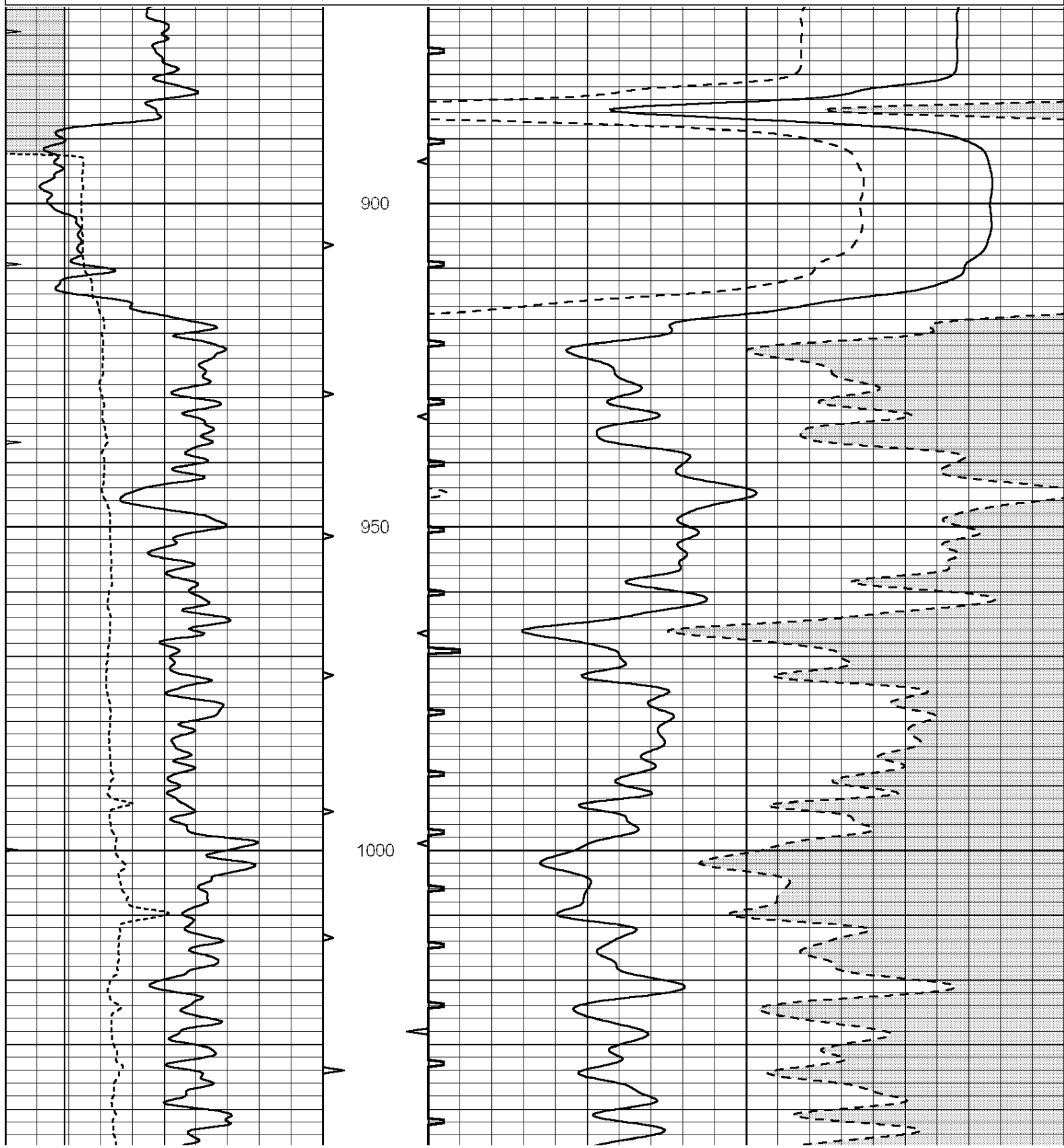


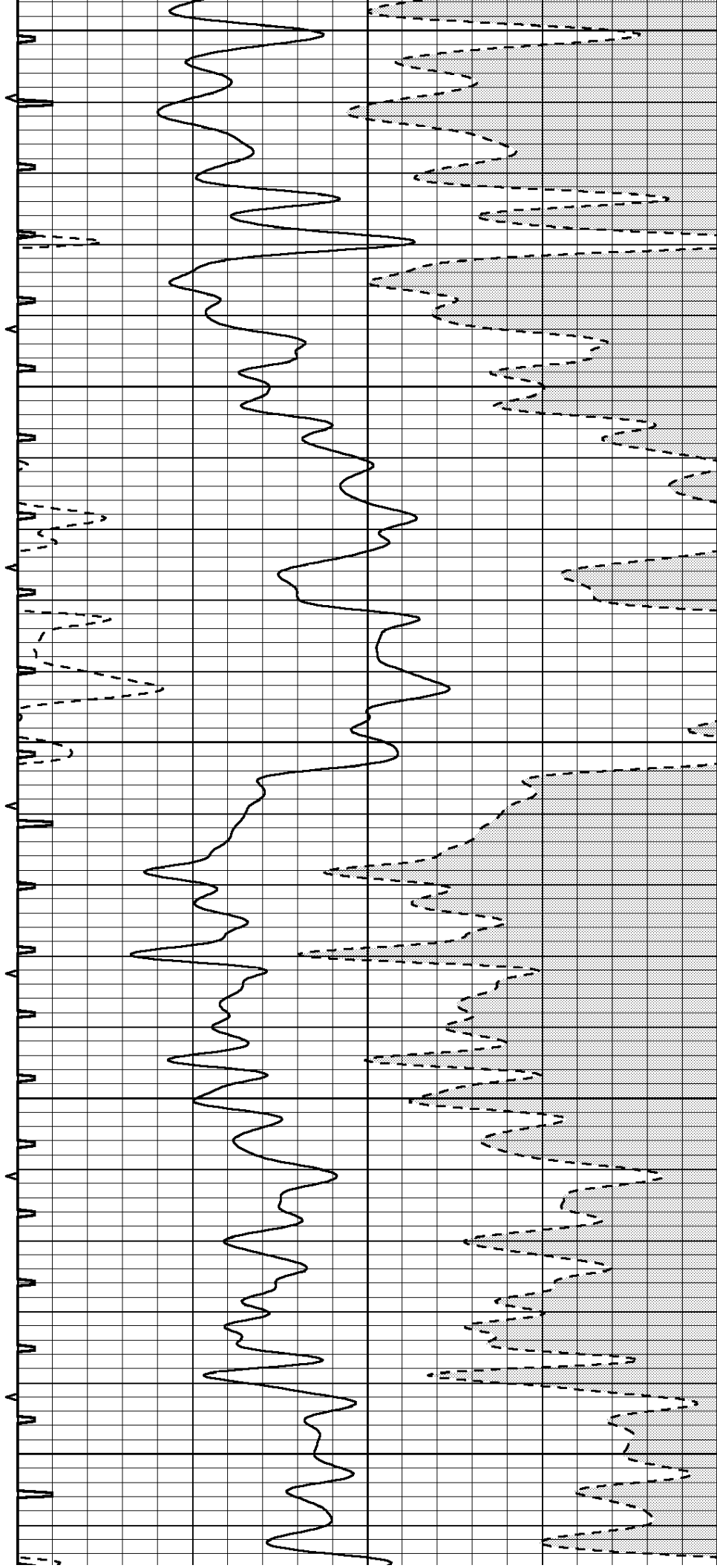
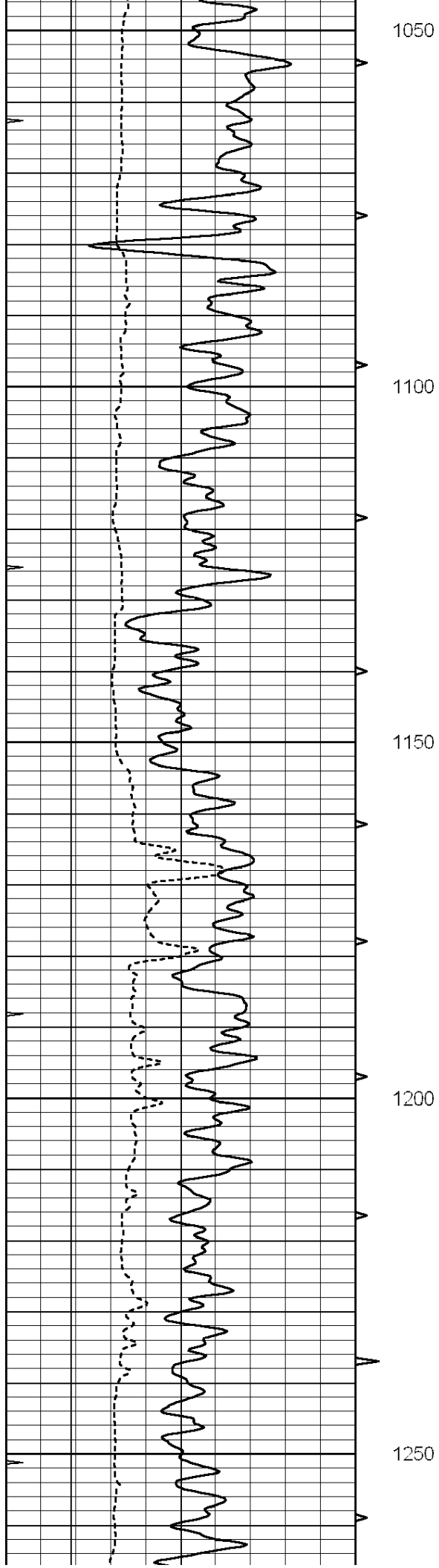
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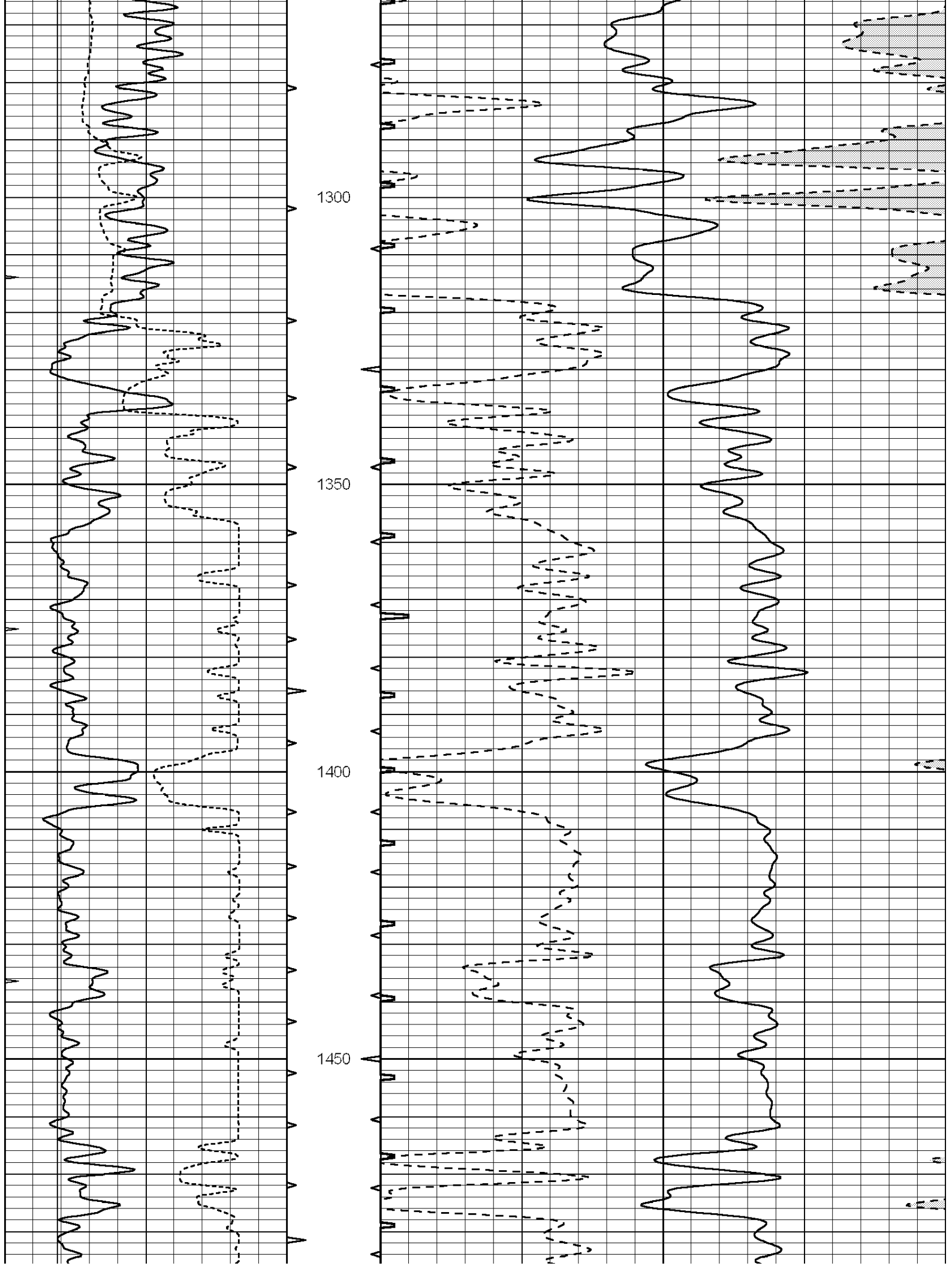
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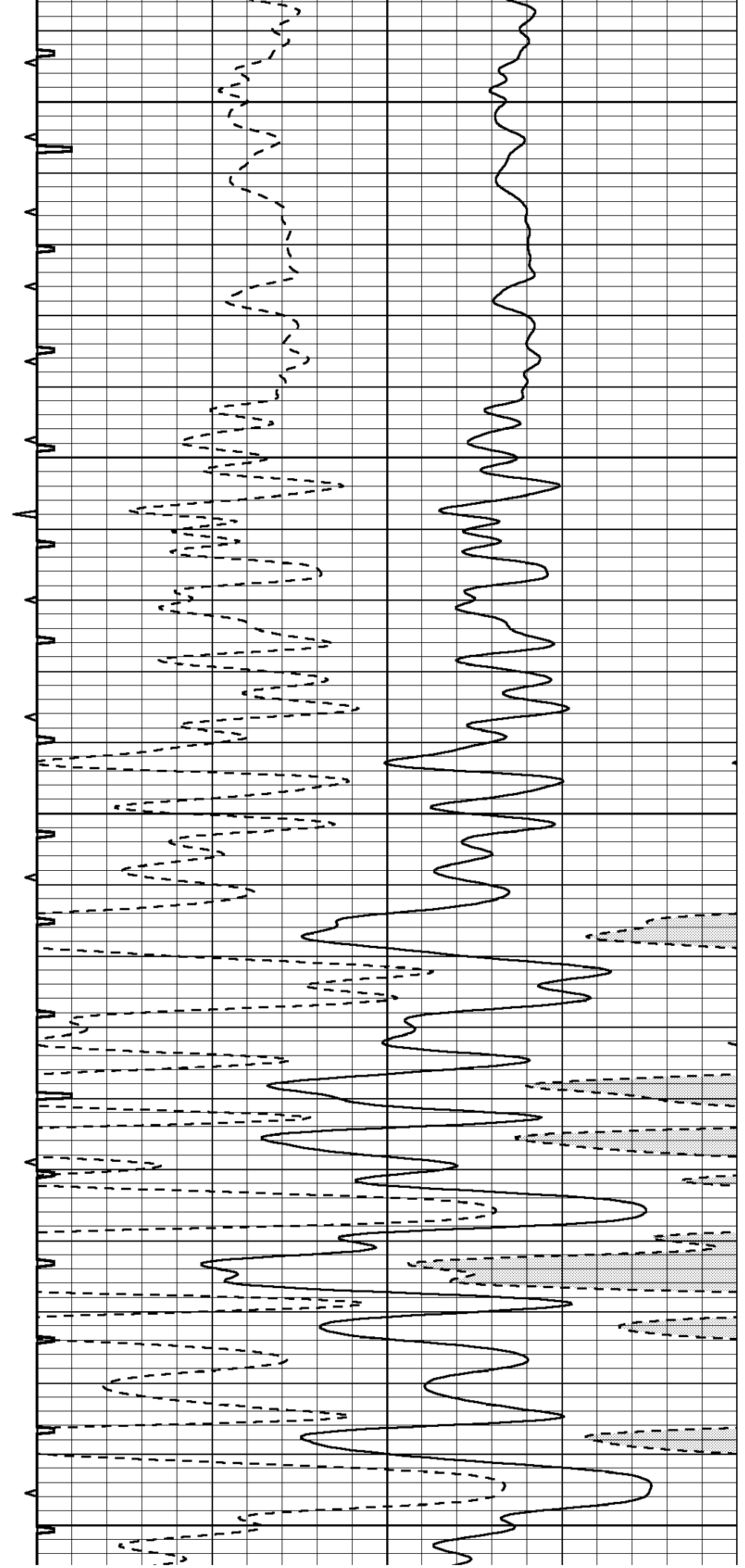
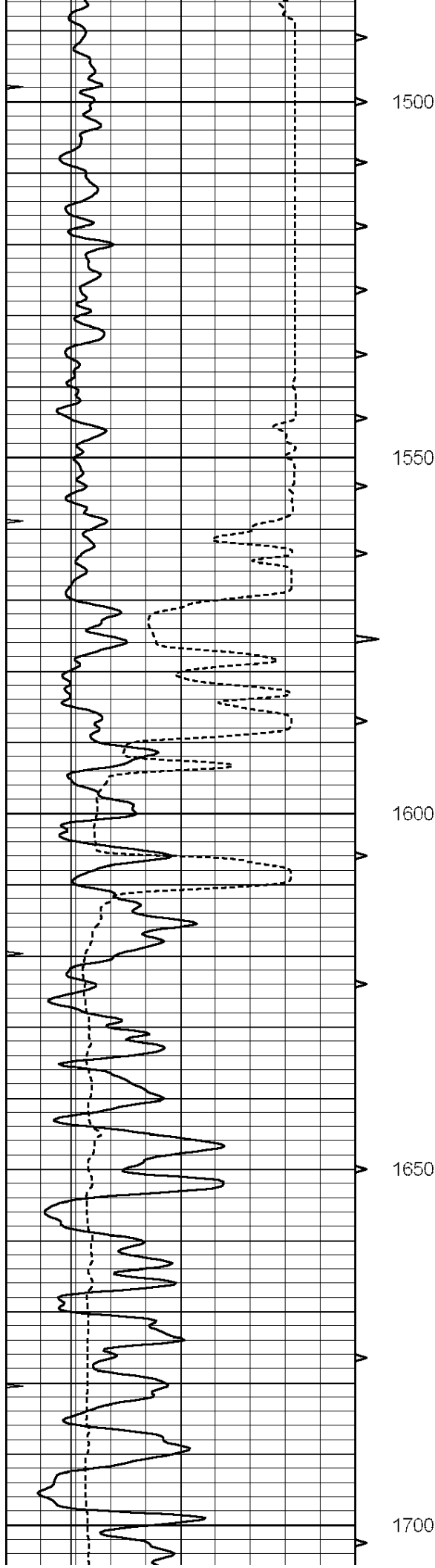
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Presentation Format: slt
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Charted by: Depth in Feet scaled 1:240

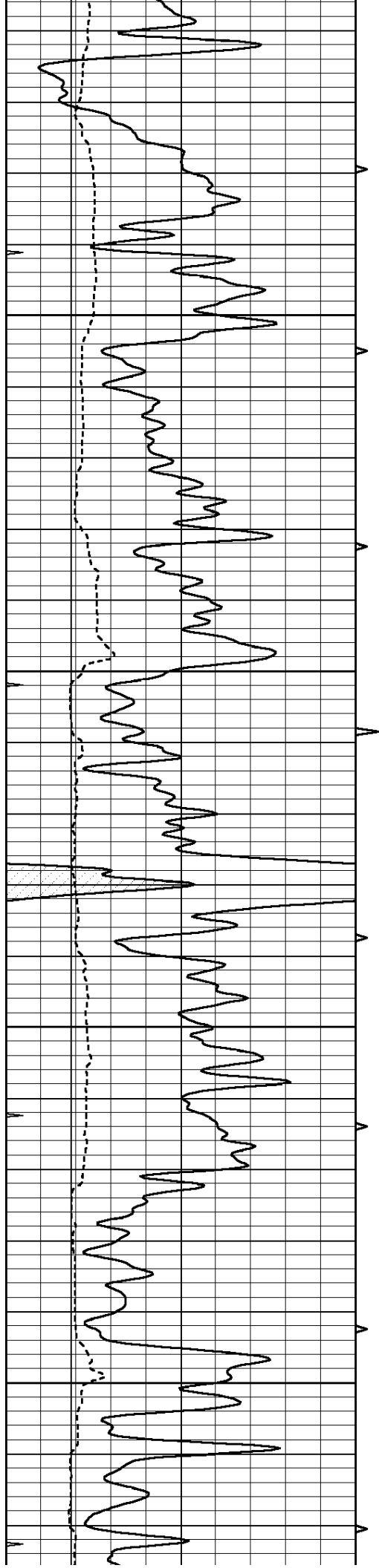
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)		40	
6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)		-10
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0	MINMK	20	TBHV	0	ITT (msec)	20		
			0 (ft3)	10				









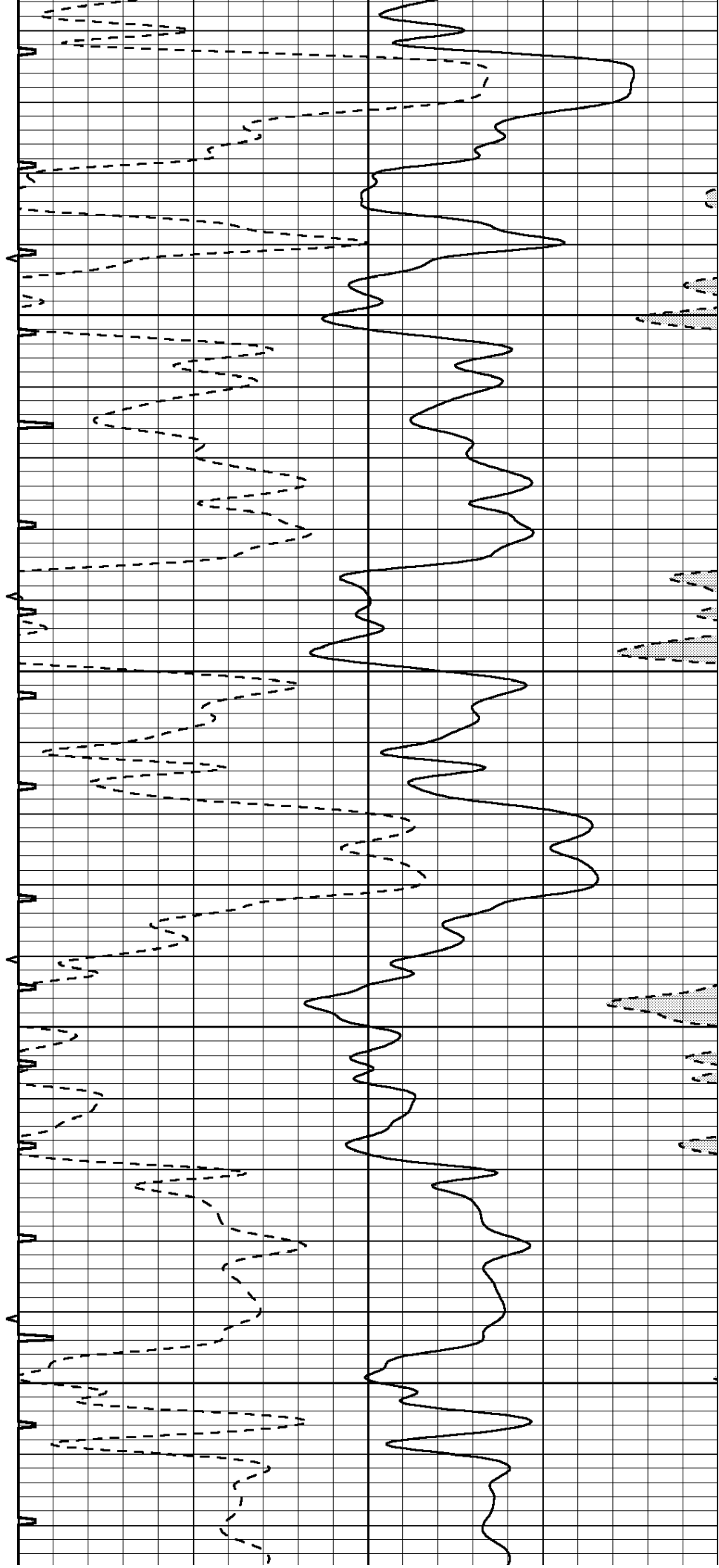


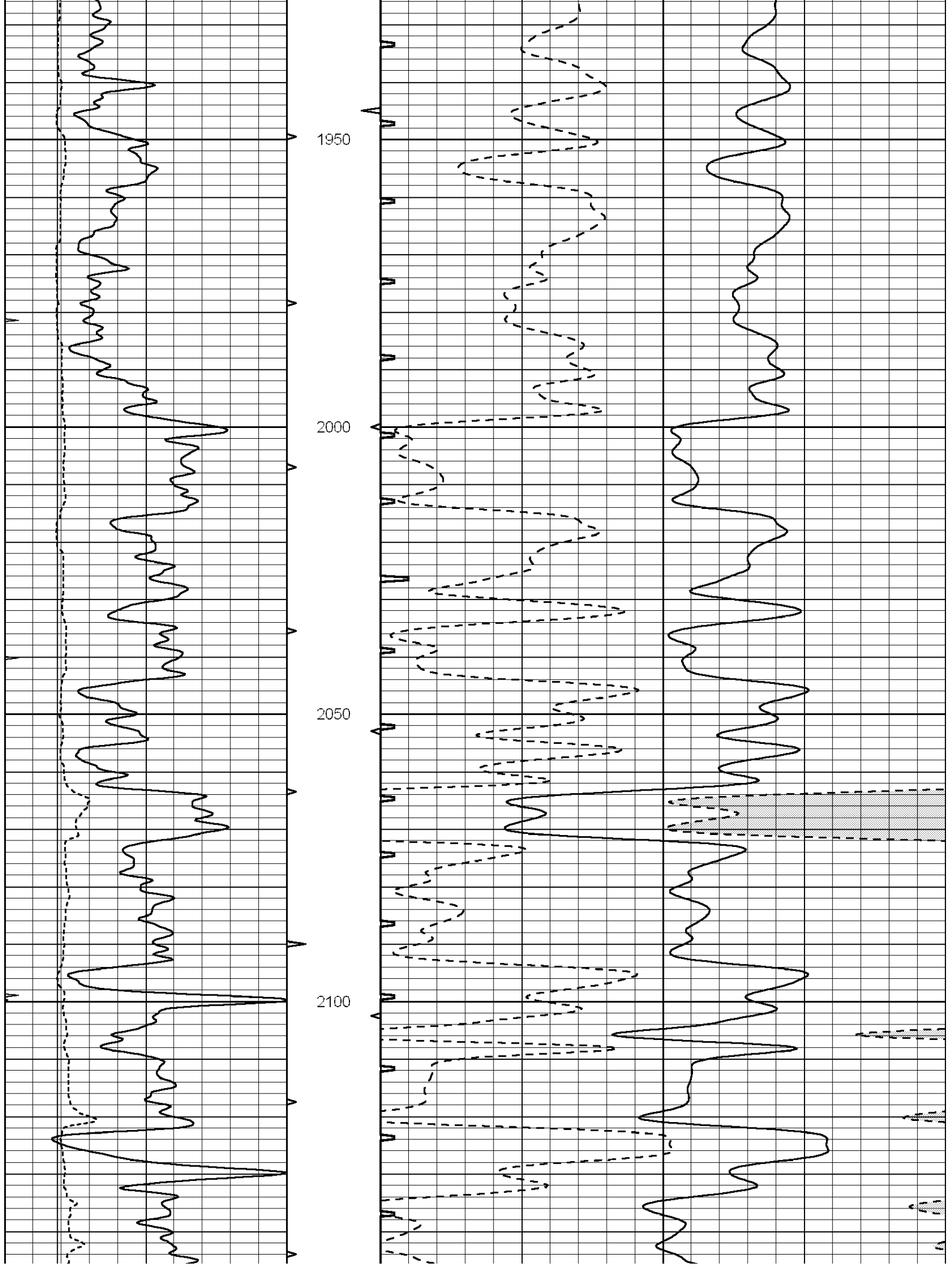
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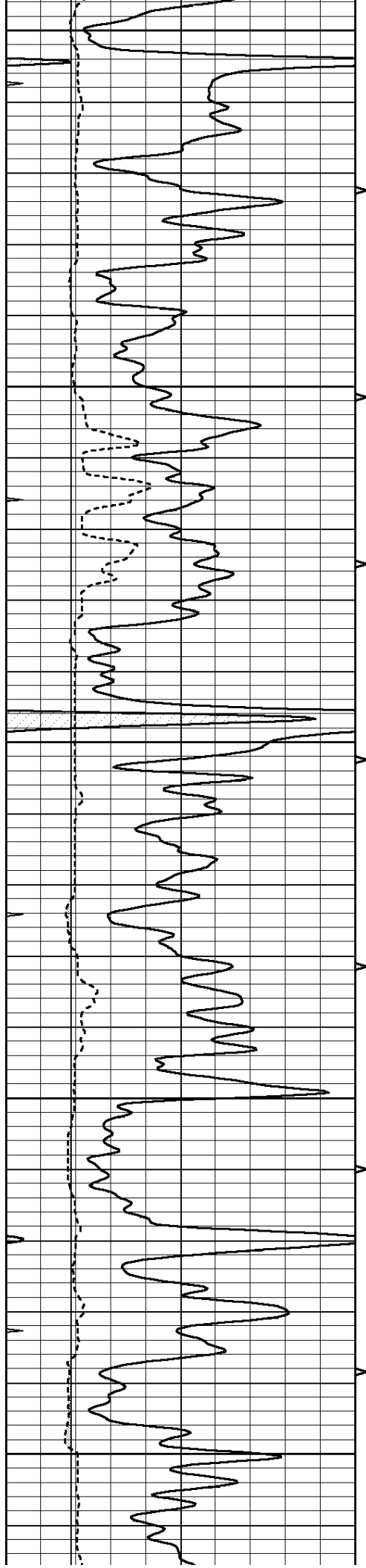
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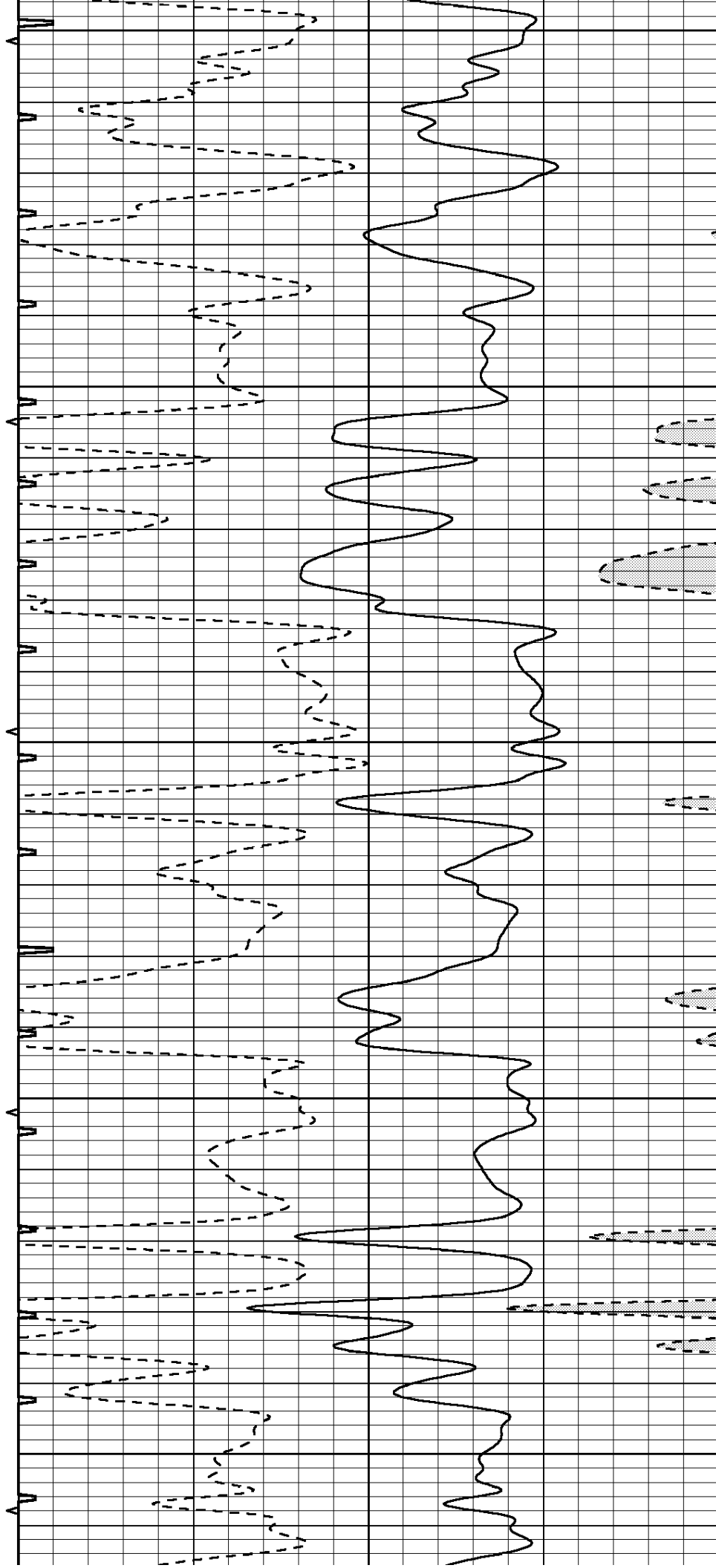
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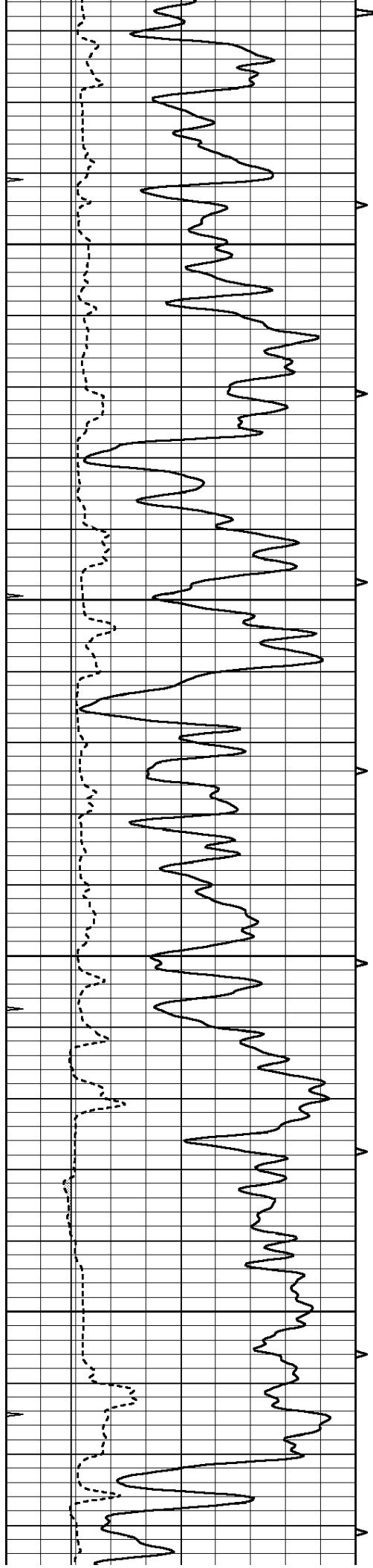
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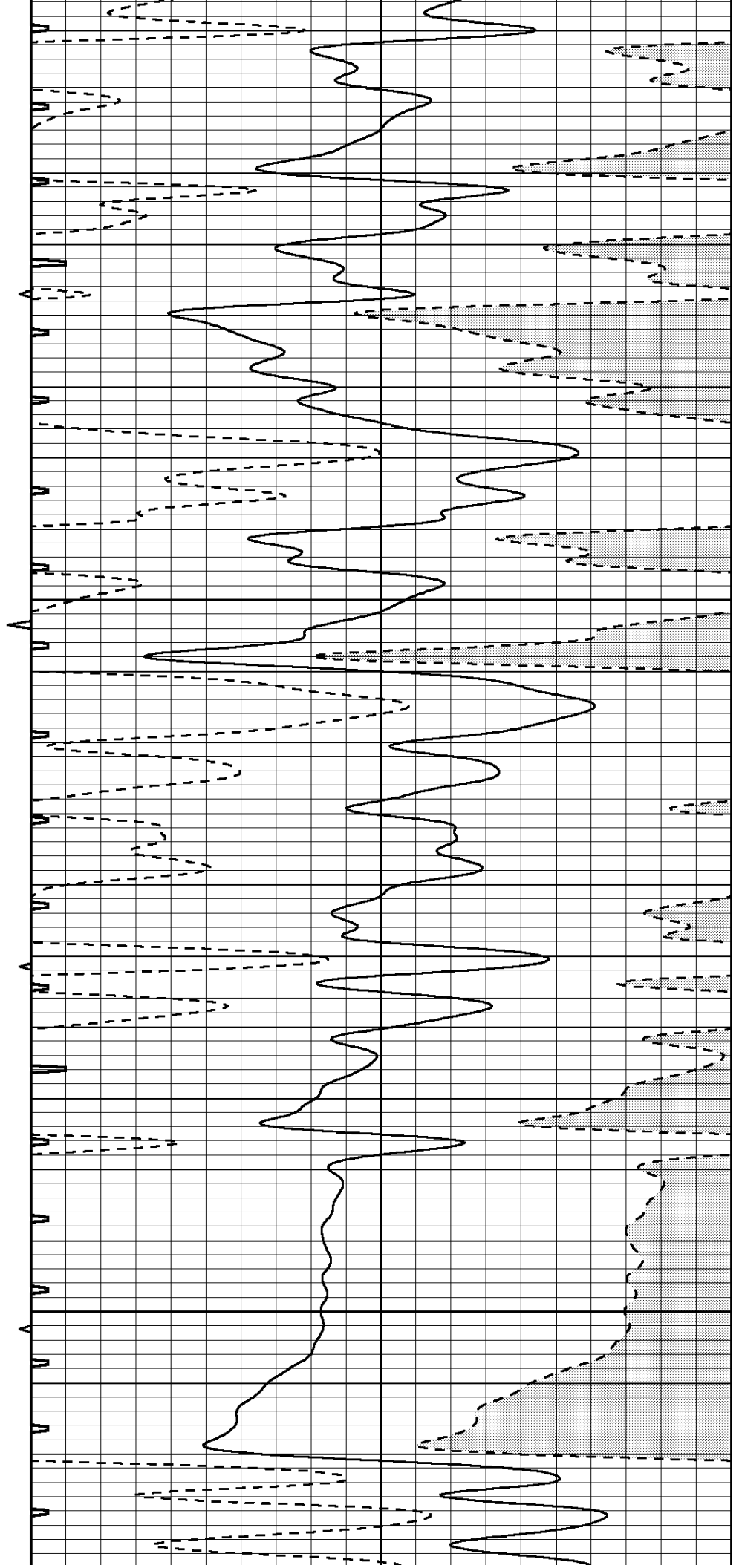


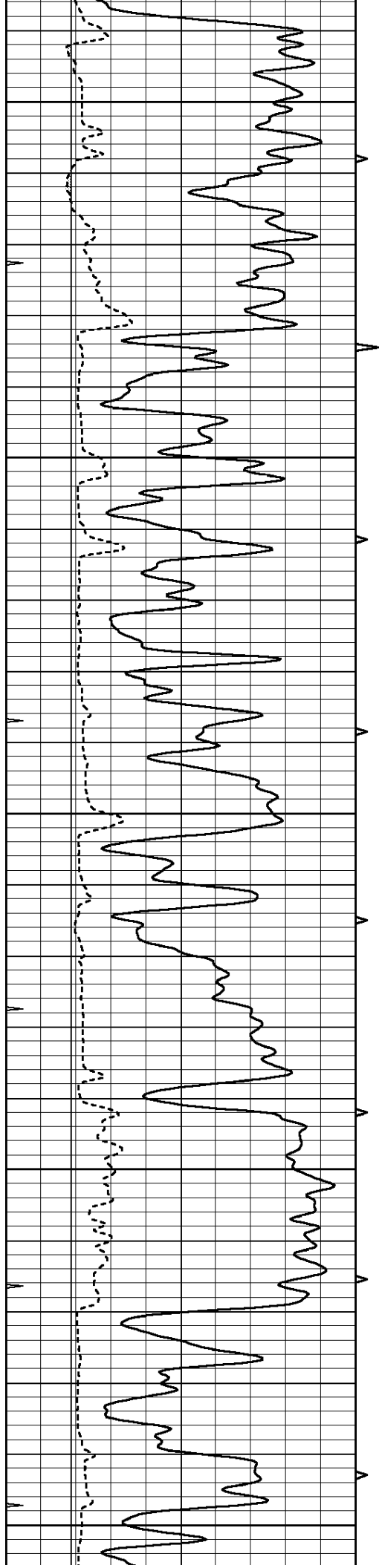
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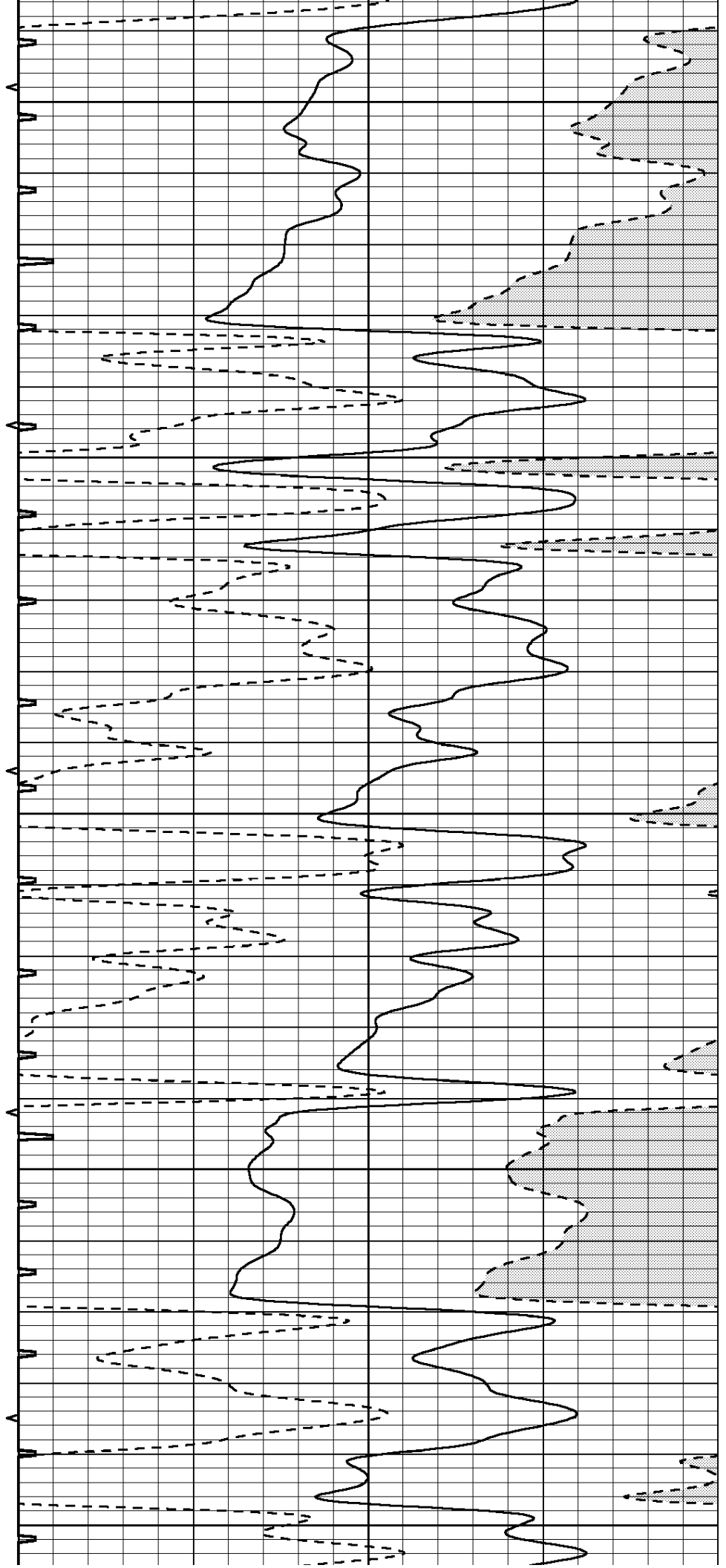
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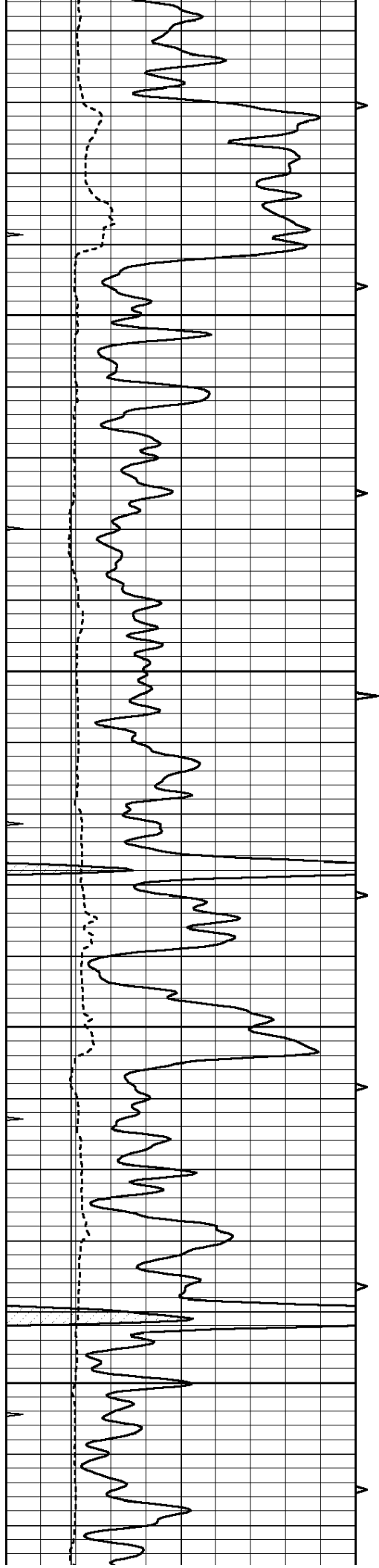
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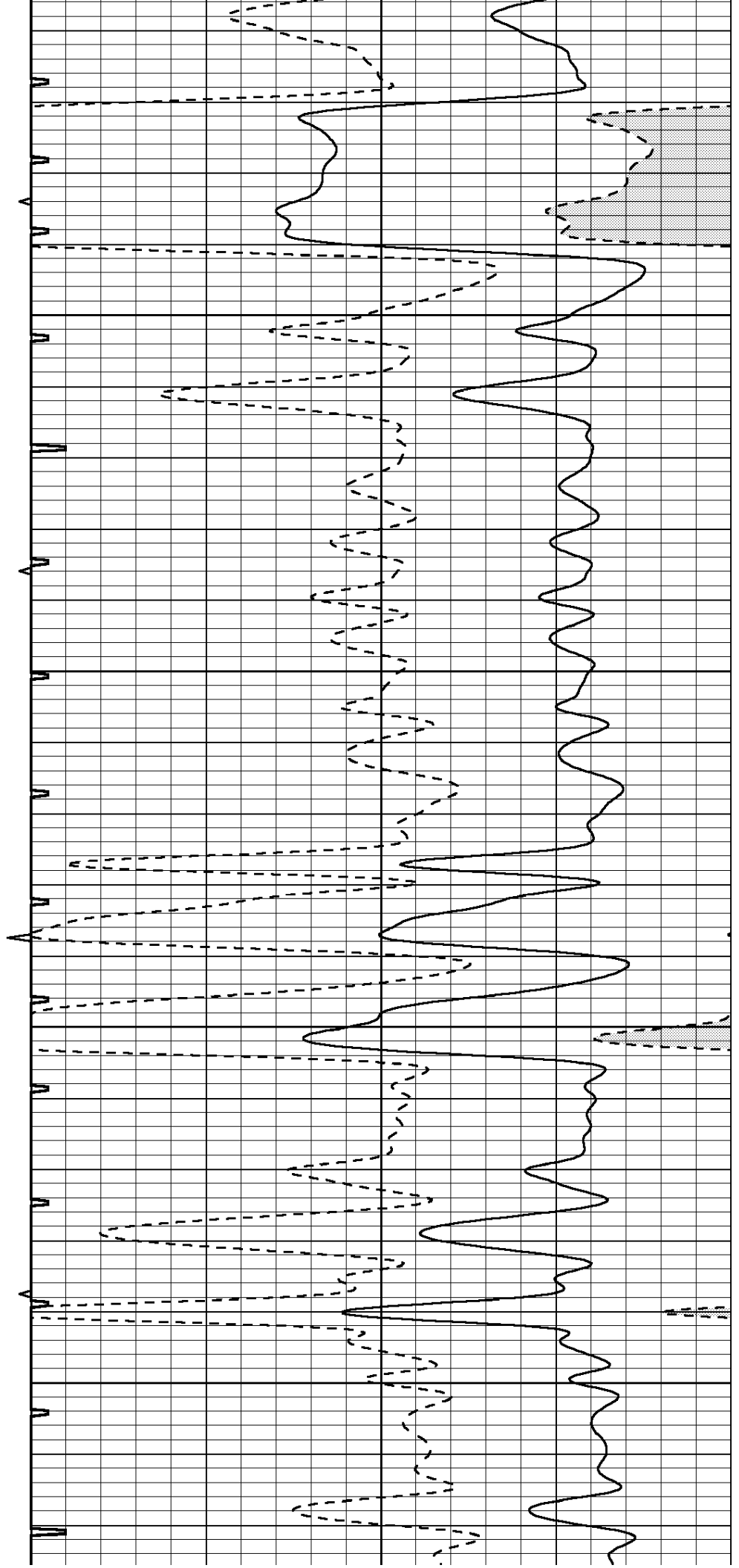


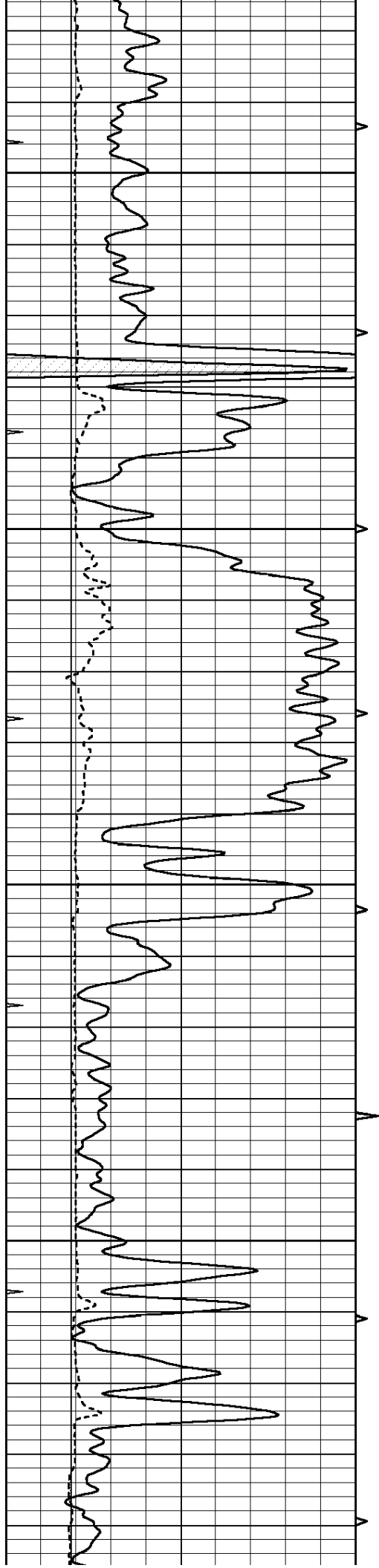
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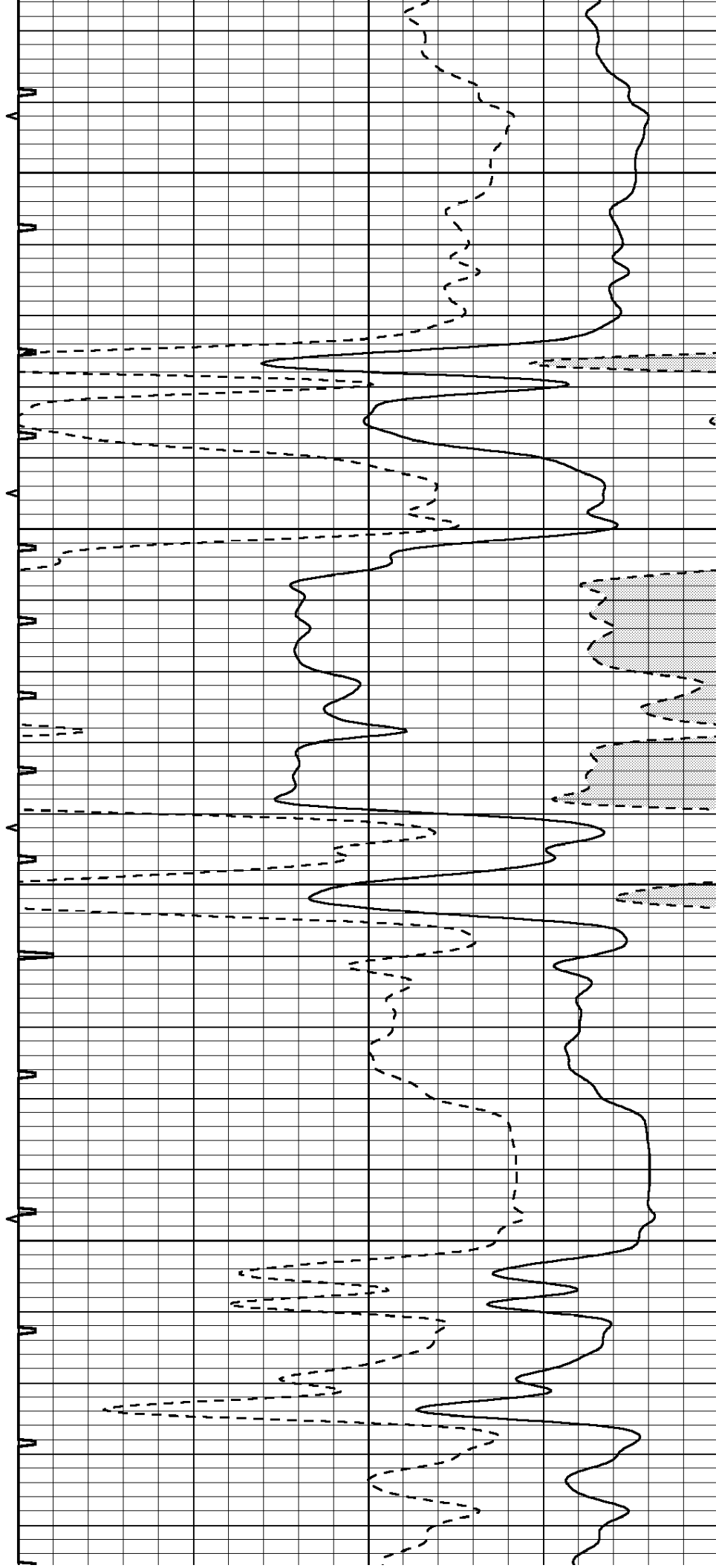


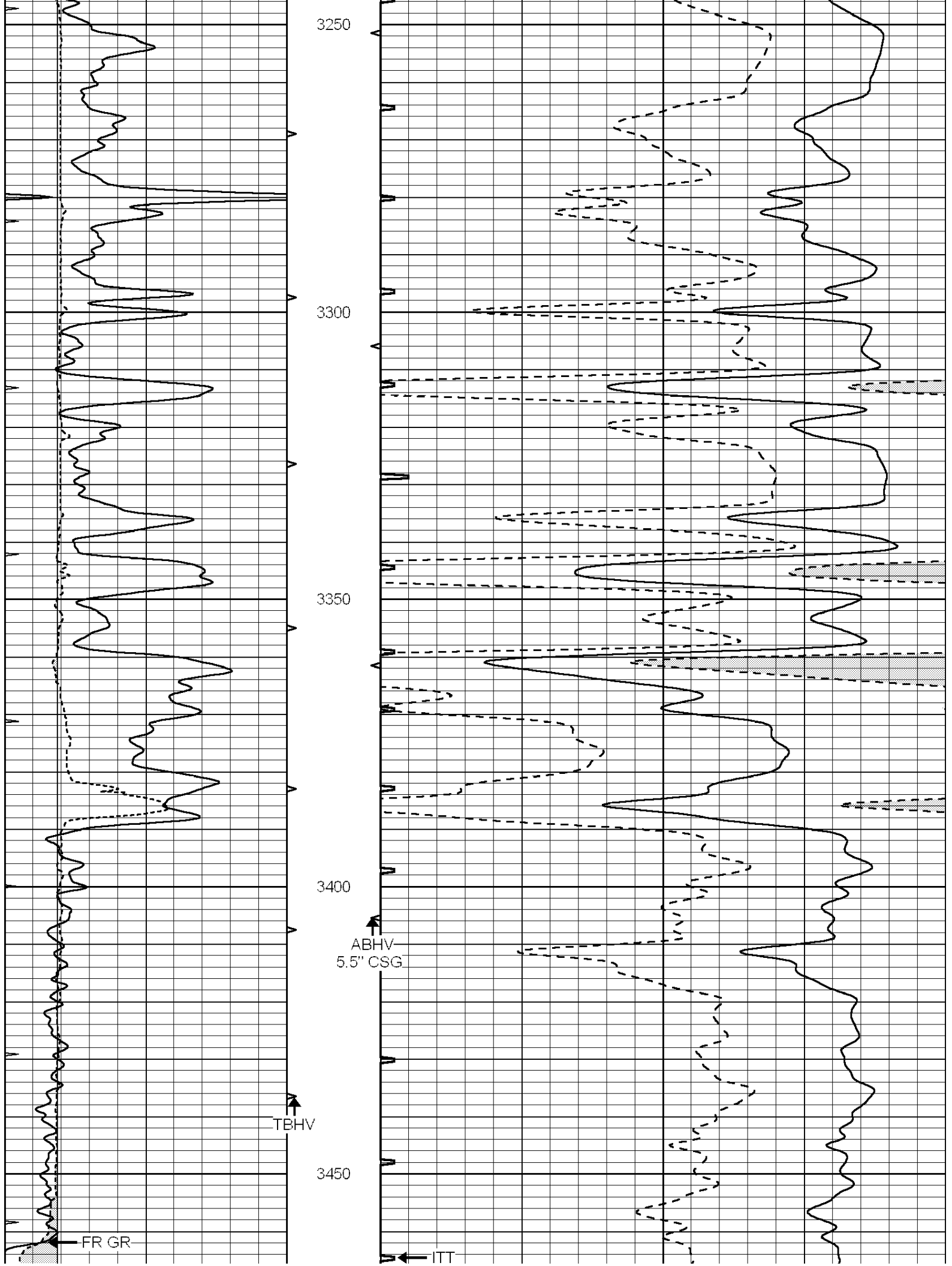
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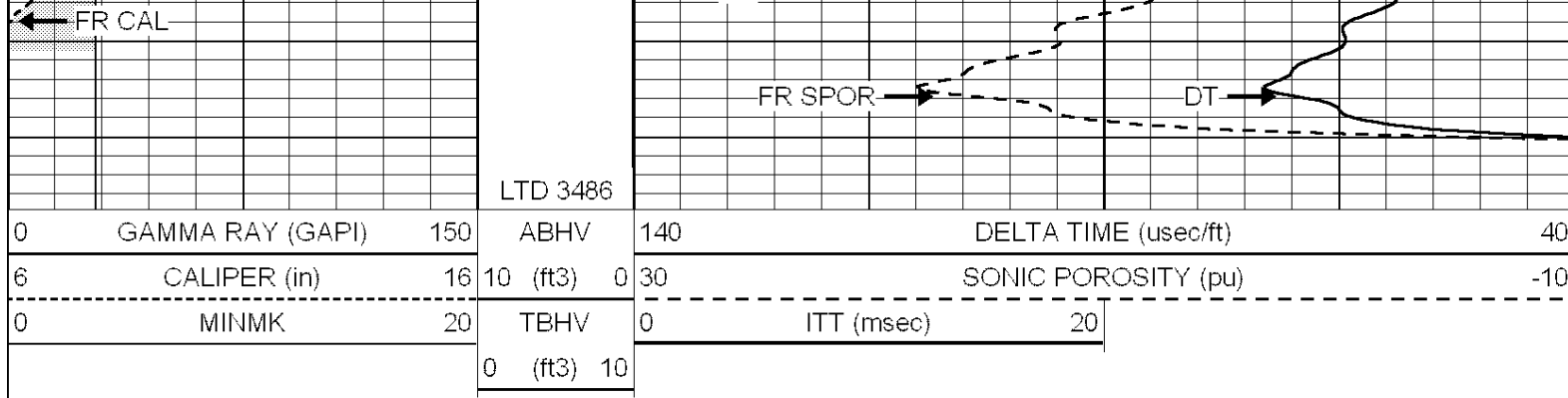
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REPEAT SECTION

Database File: 007995ddn.db
 Dataset Pathname: pass6.1
 Presentation Format: slt
 Dataset Creation: Tue Aug 07 07:38:47 2012 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

