



SUPERIOR
Hays,
Kansas

SONIC LOG

Company CAERUS KANSAS, LLC.		Company CAERUS KANSAS, LLC.	
Well MORTIMER #31-32		Well MORTIMER #31-32	
Field SETTE		Field SETTE	
County BARTON		County BARTON	
State KANSAS		State KANSAS	
Location: 2310' FNL & 1490' FEL E-2/SE/SW/NE		API # : 15-009-25680-0000	
SEC 31 TWP 17S RGE 13W		Other Services CDL/CNL DIL/MEL	
Permanent Datum Log Measured From Drilling Measured From	GROUND LEVEL KELLY BUSHING 13' A.G.L. KELLY BUSHING	Elevation K.B. 1864 D.F. 1862 G.L. 1851	
Date	4/25/12		
Run Number	TWO		
Depth Driller	3420		
Depth Logger	3421		
Bottom Logged Interval	3411		
Top Log Interval	820		
Casing Driller	8 5/8" @ 846'		
Casing Logger	843		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4000 PPM	
Density / Viscosity	9.0/56		
pH / Fluid Loss	9.0/8.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.52 @ 82F		
Rmf @ Meas. Temp	.39 @ 82F		
Rmc @ Meas. Temp	.62 @ 82F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.38 @ 110F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	110F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	JEFF LAWLER		

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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
RUSSELL, KS. - S. TO INTERSECTION OF HWY 281 & HWY 4
3 E. TO CURVE - 1/2 S. ON CURVE - W. INTO

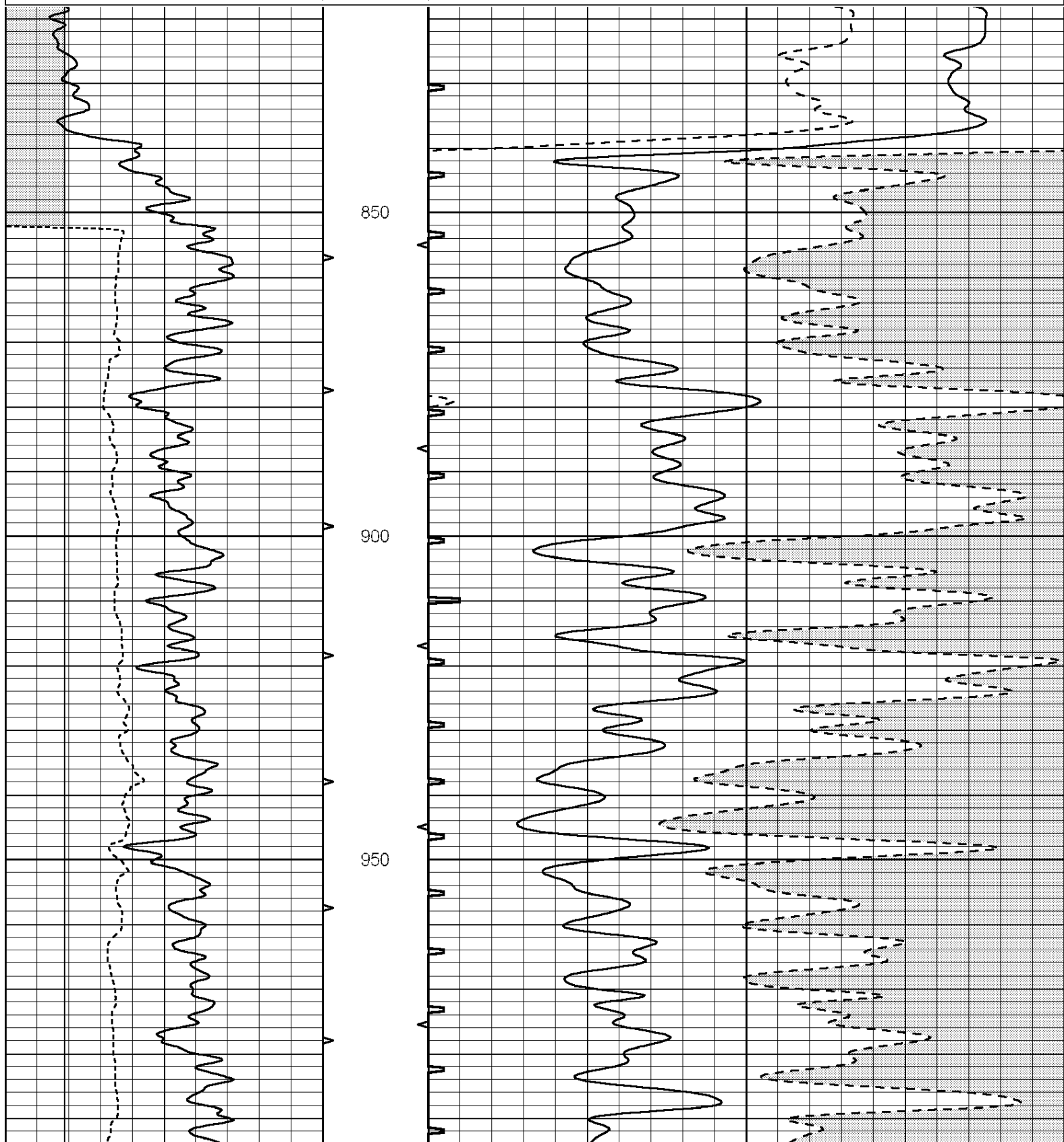


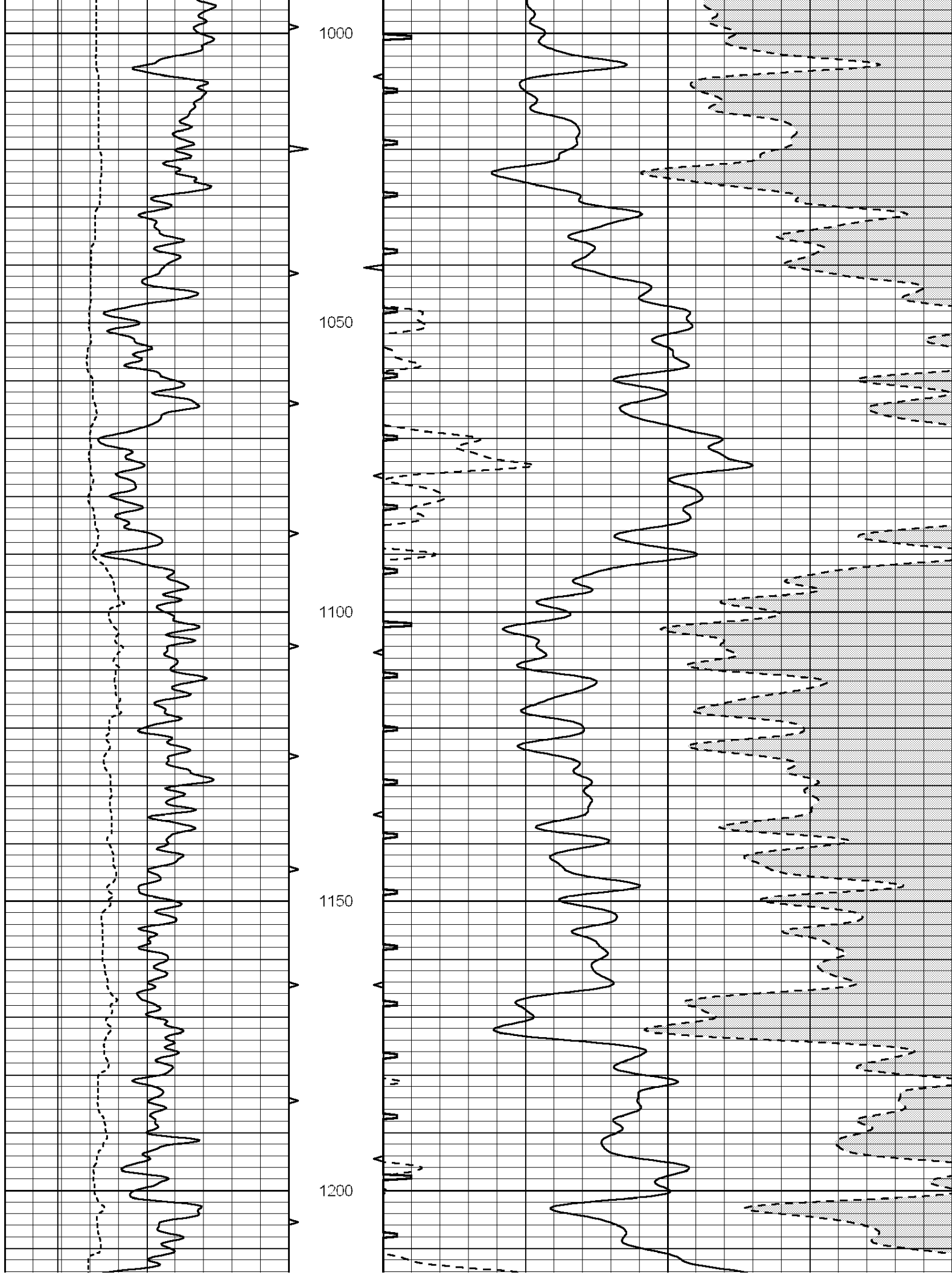
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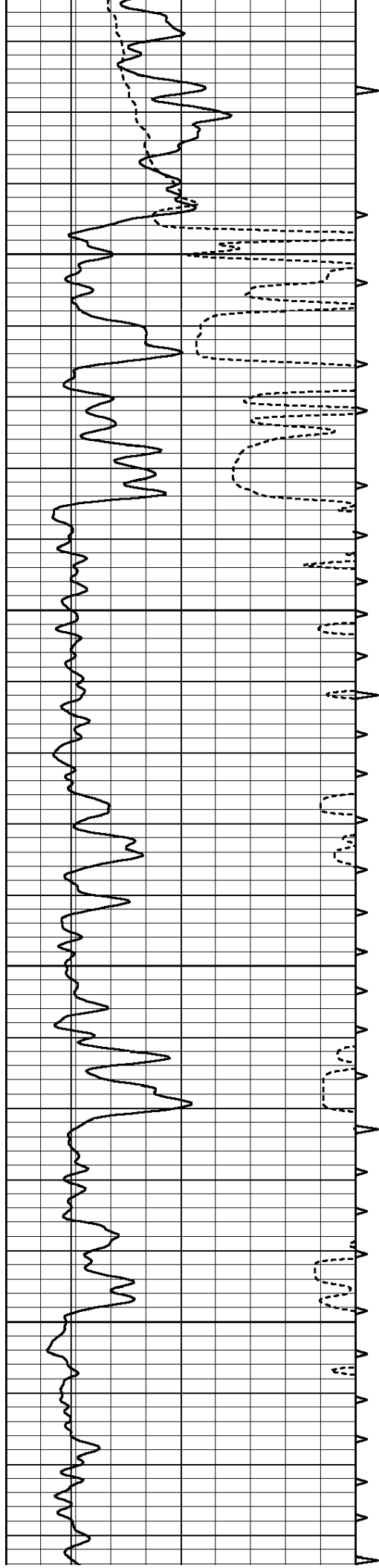
MAIN SECTION

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Dataset Pathname: pass7.2
Presentation Format: _slt
Dataset Creation: Wed Apr 25 23:56:49 2012 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
			TBHV	0	ITT (msec)	20
			0 (ft3) 10			





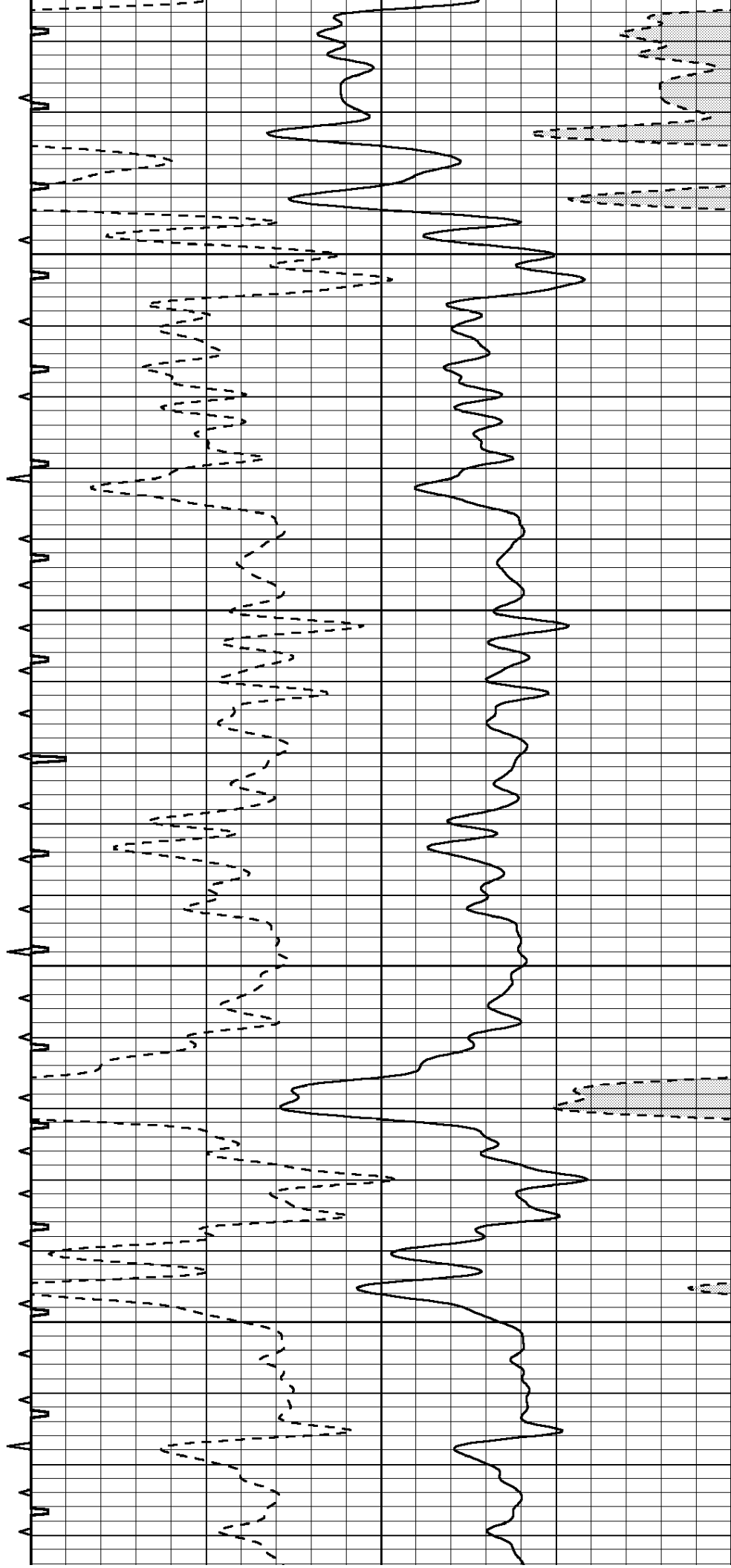


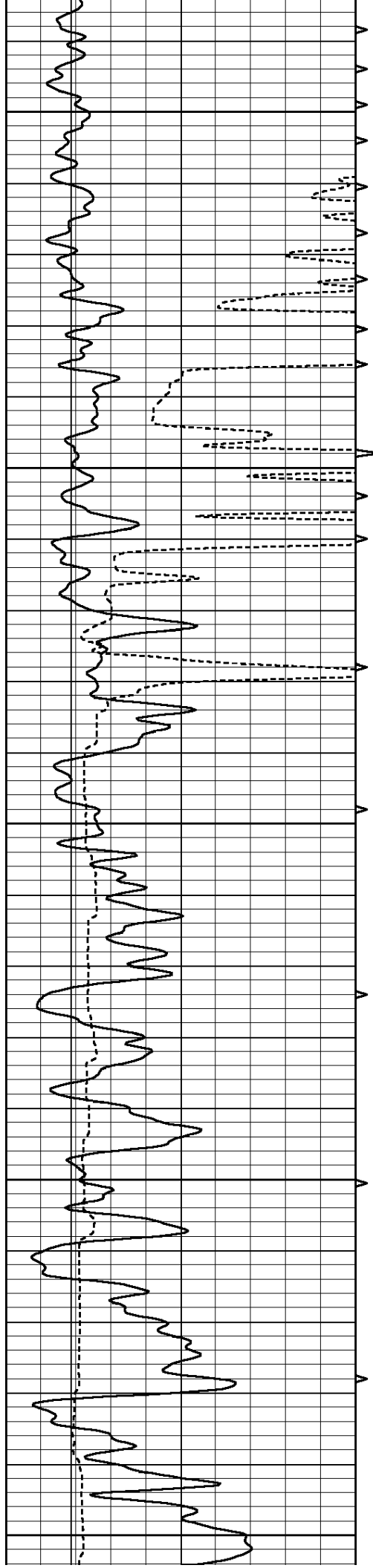
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1300

1350

1400





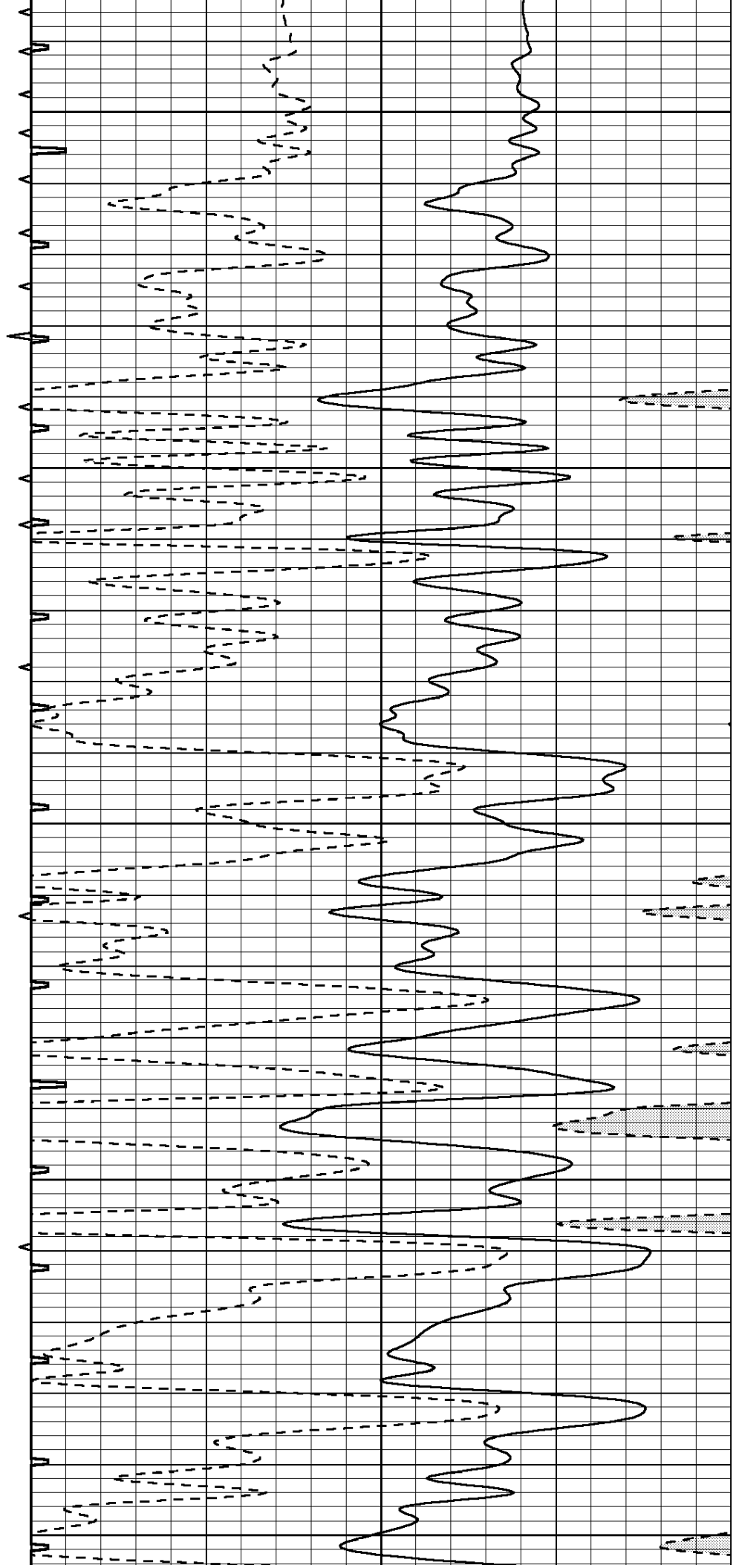
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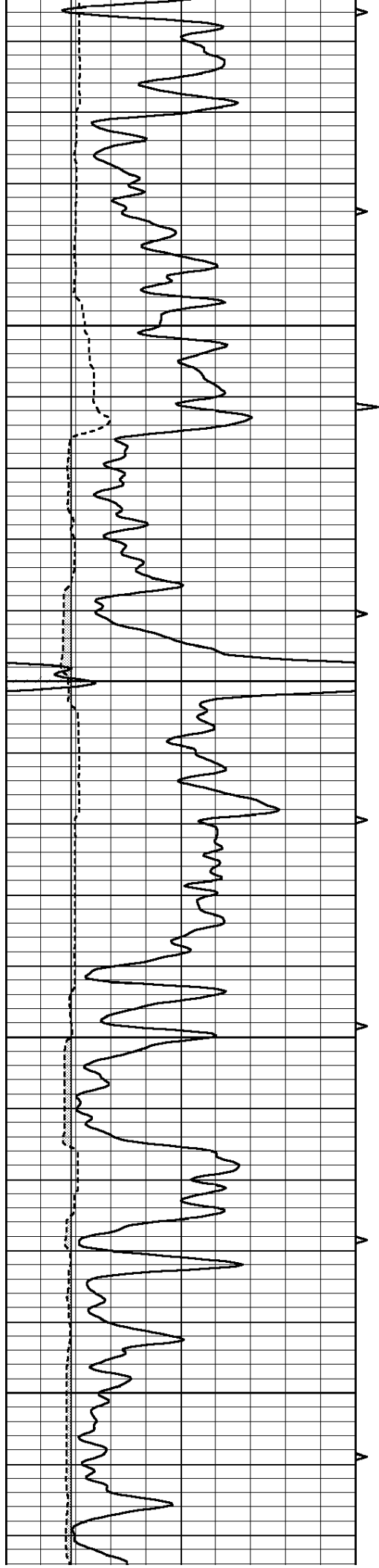
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1650



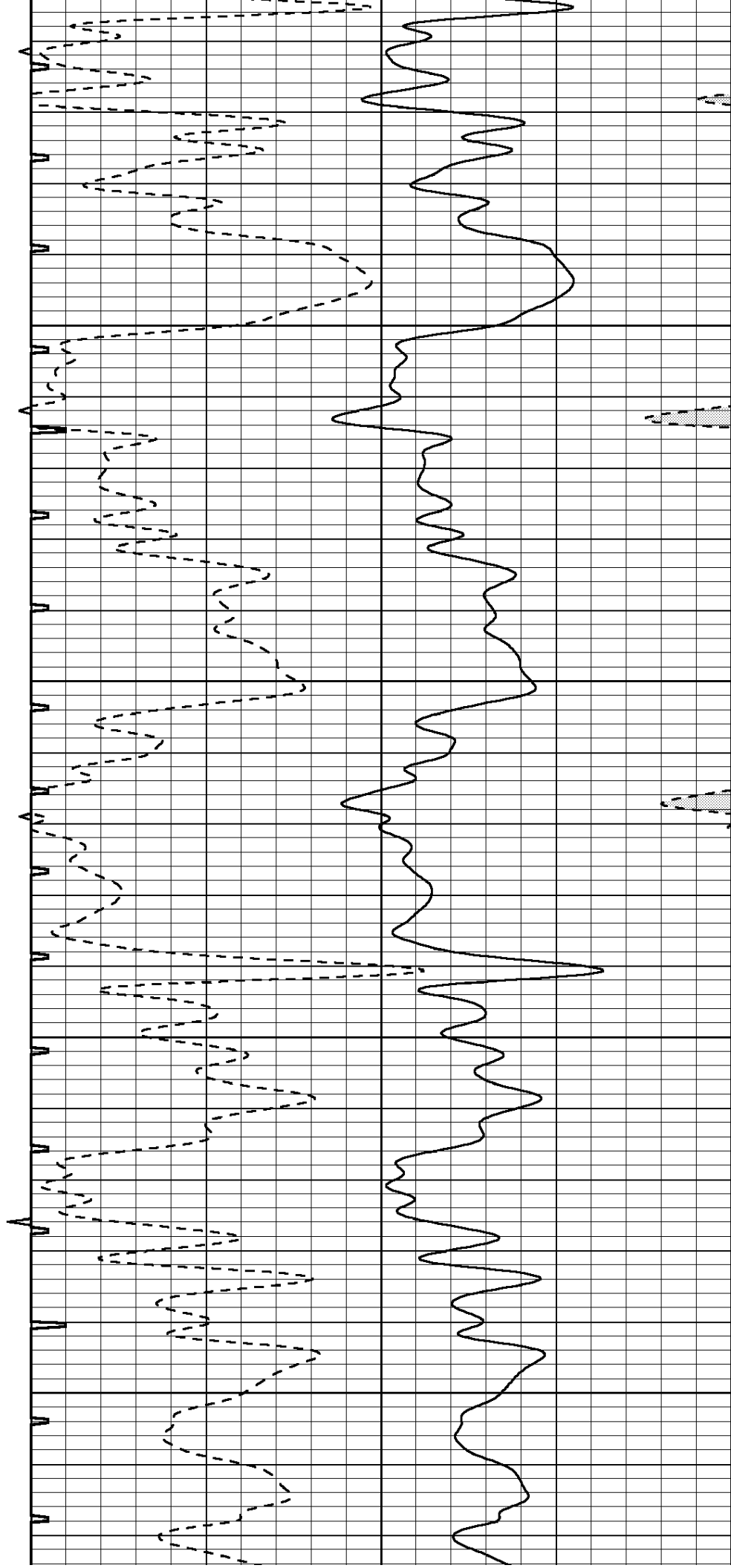


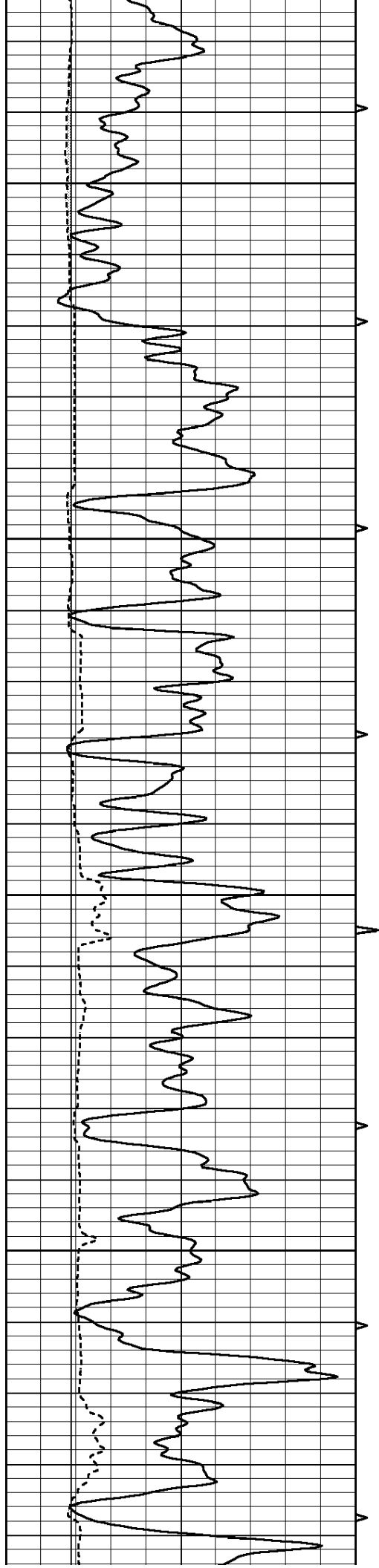
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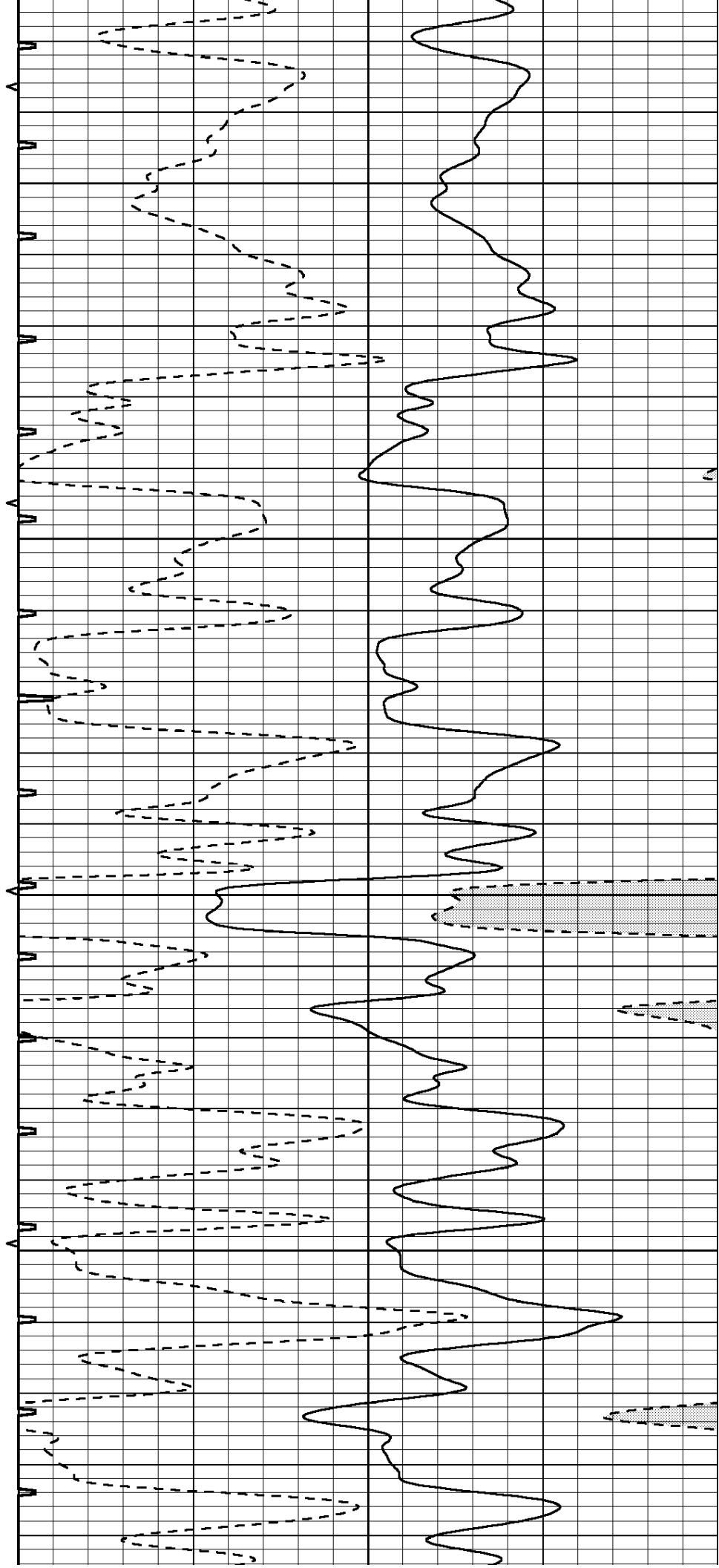


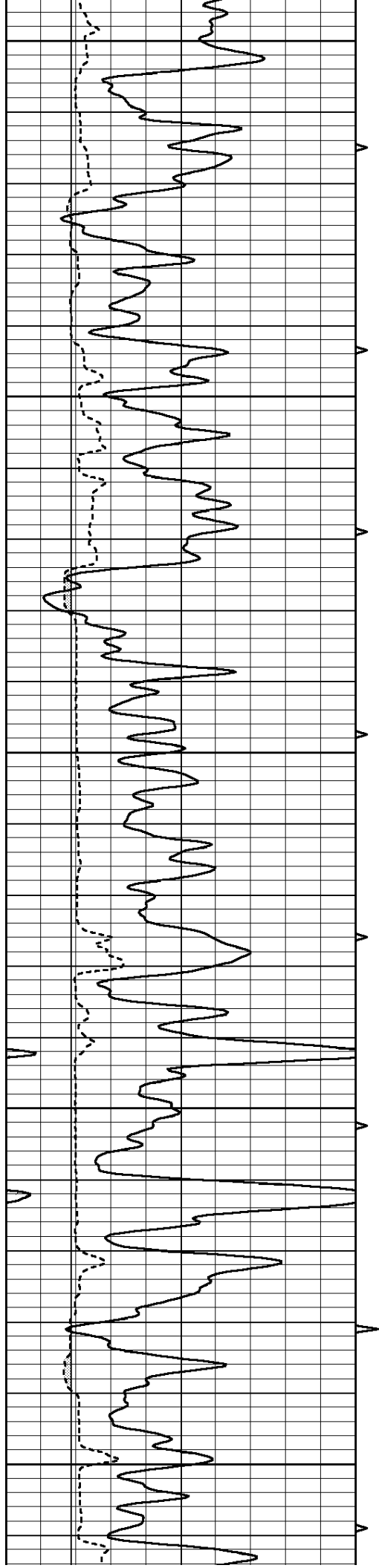
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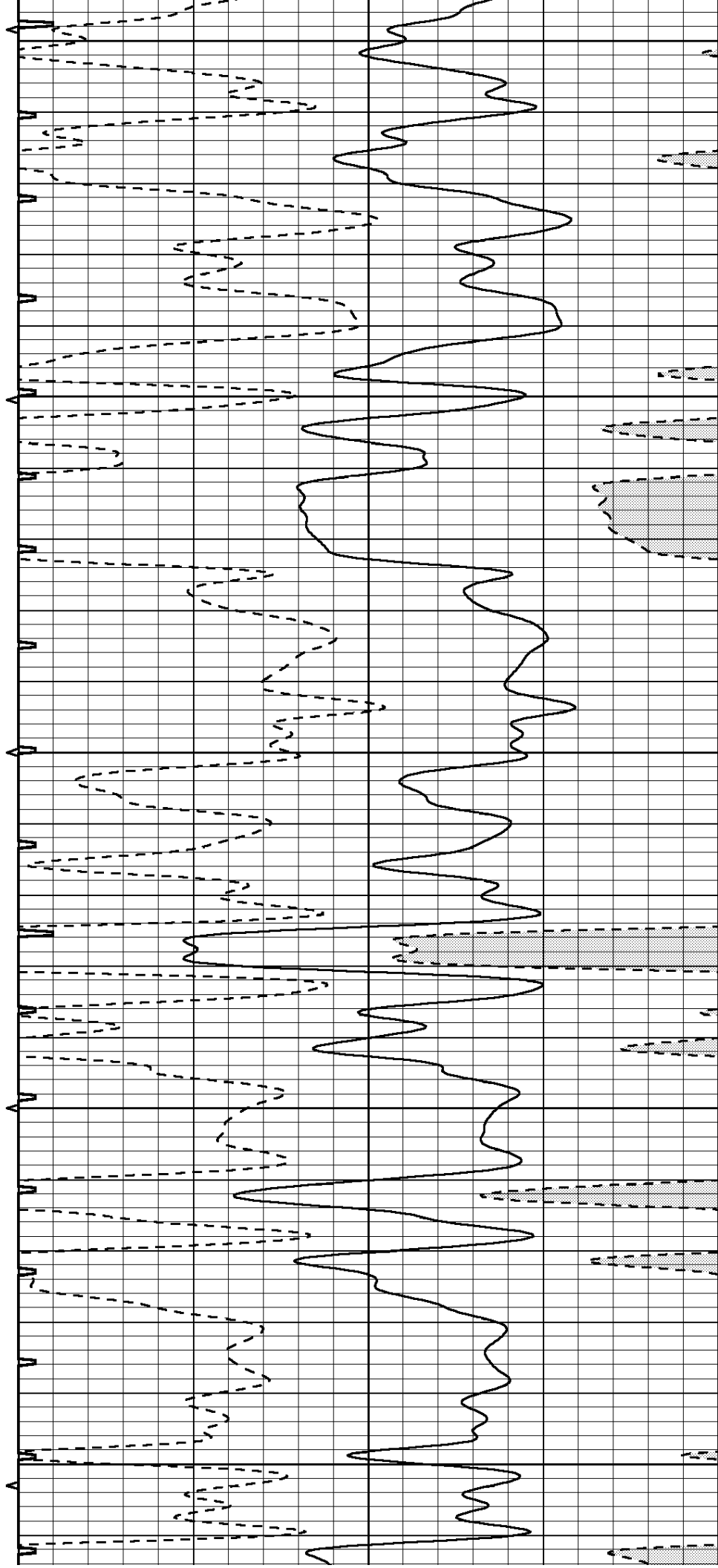
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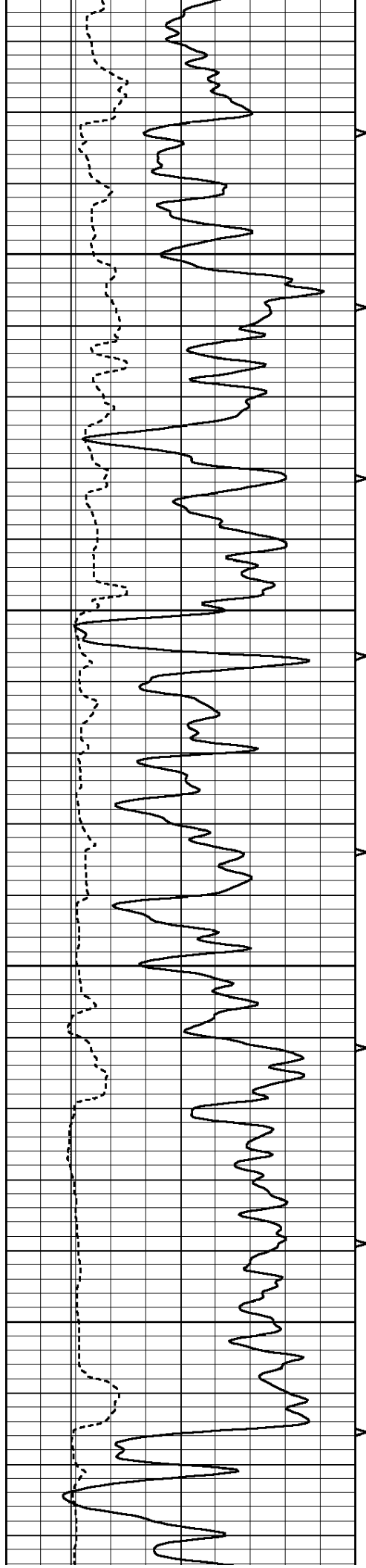
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2300



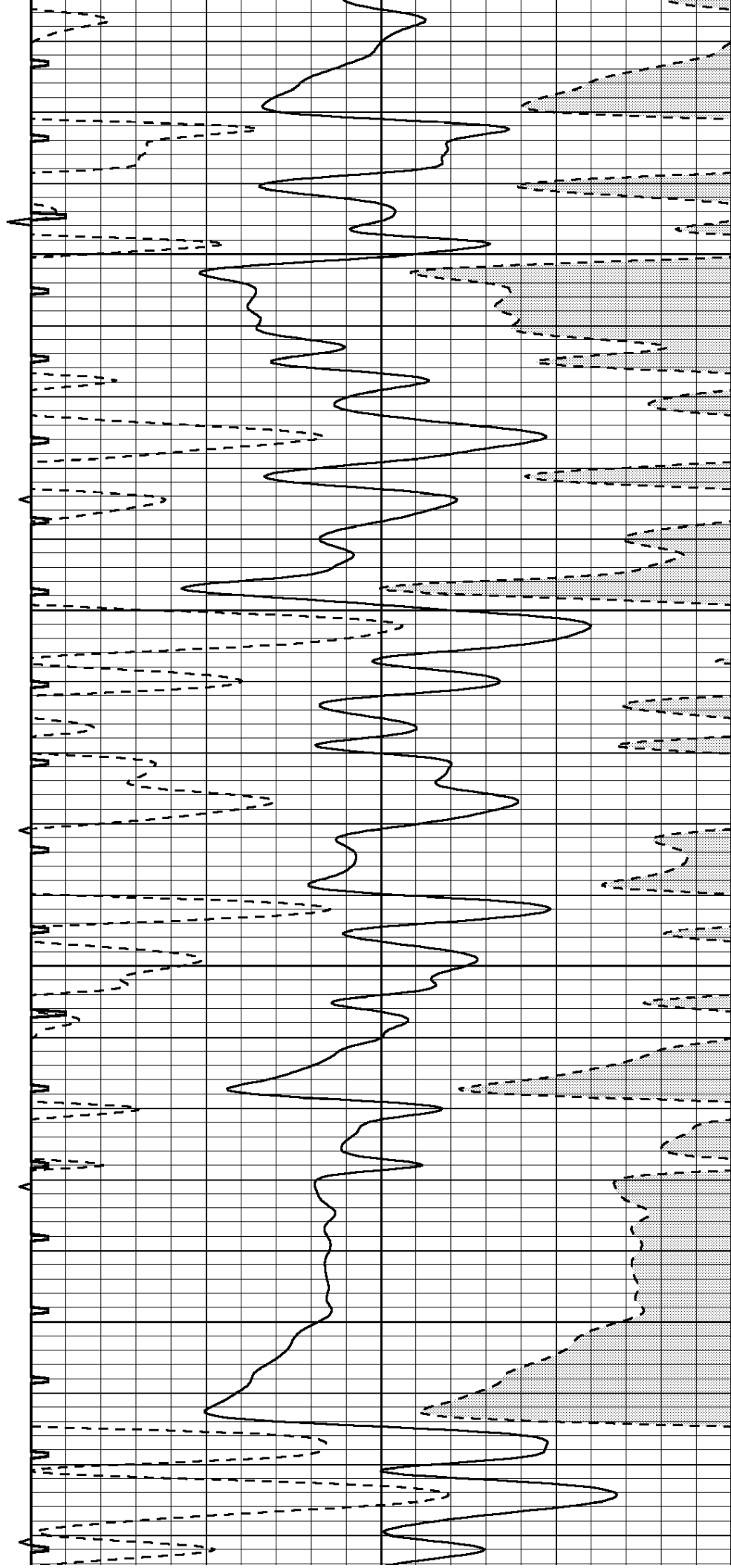


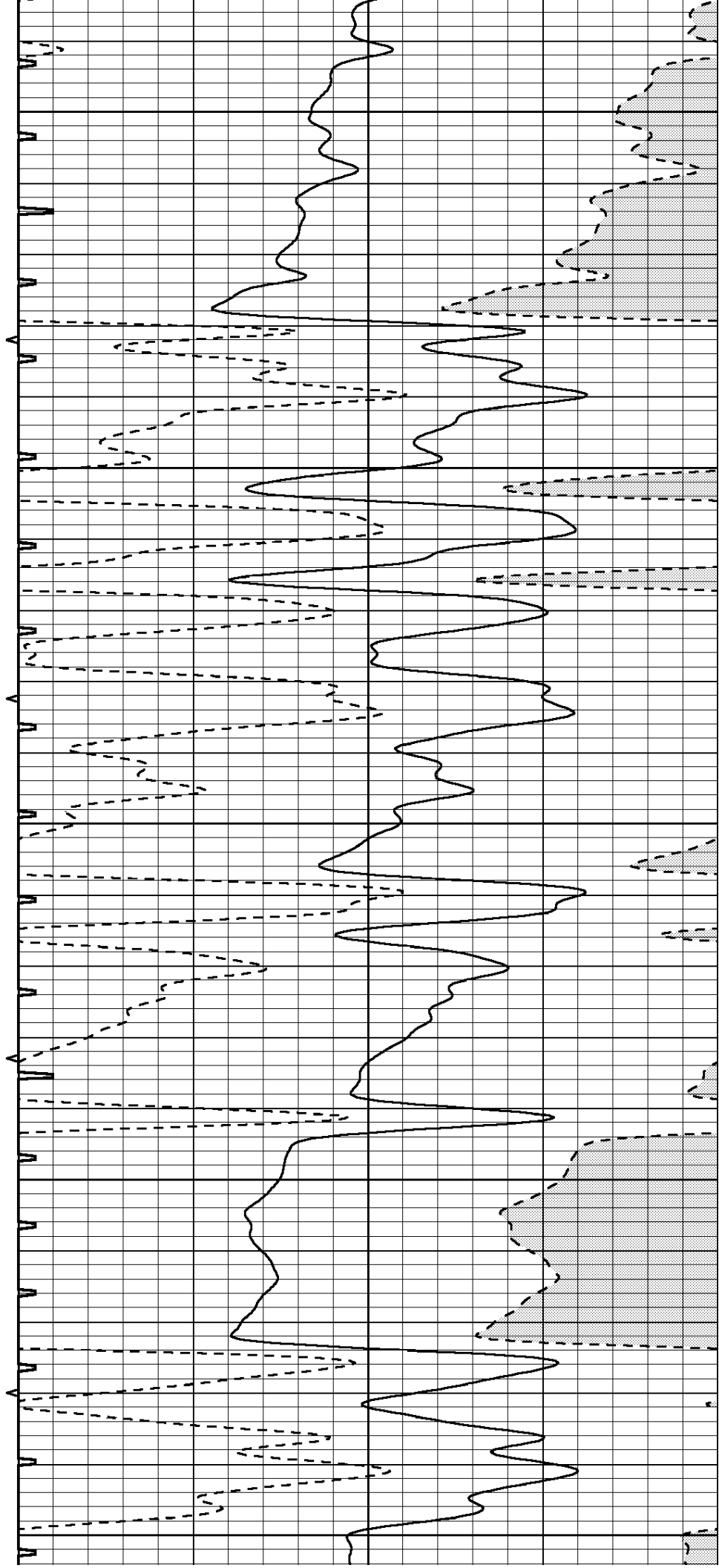
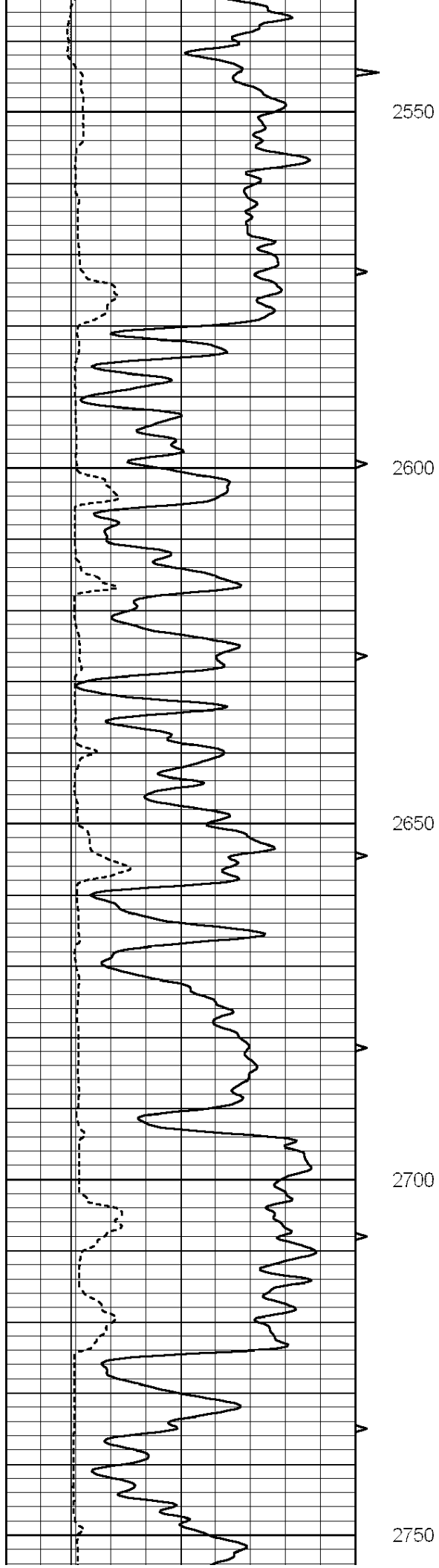
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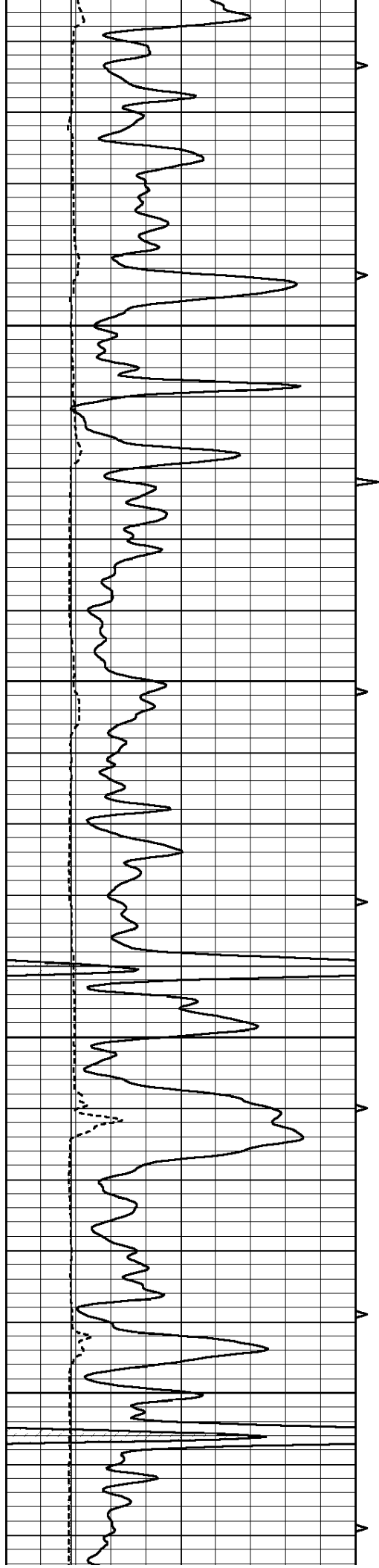
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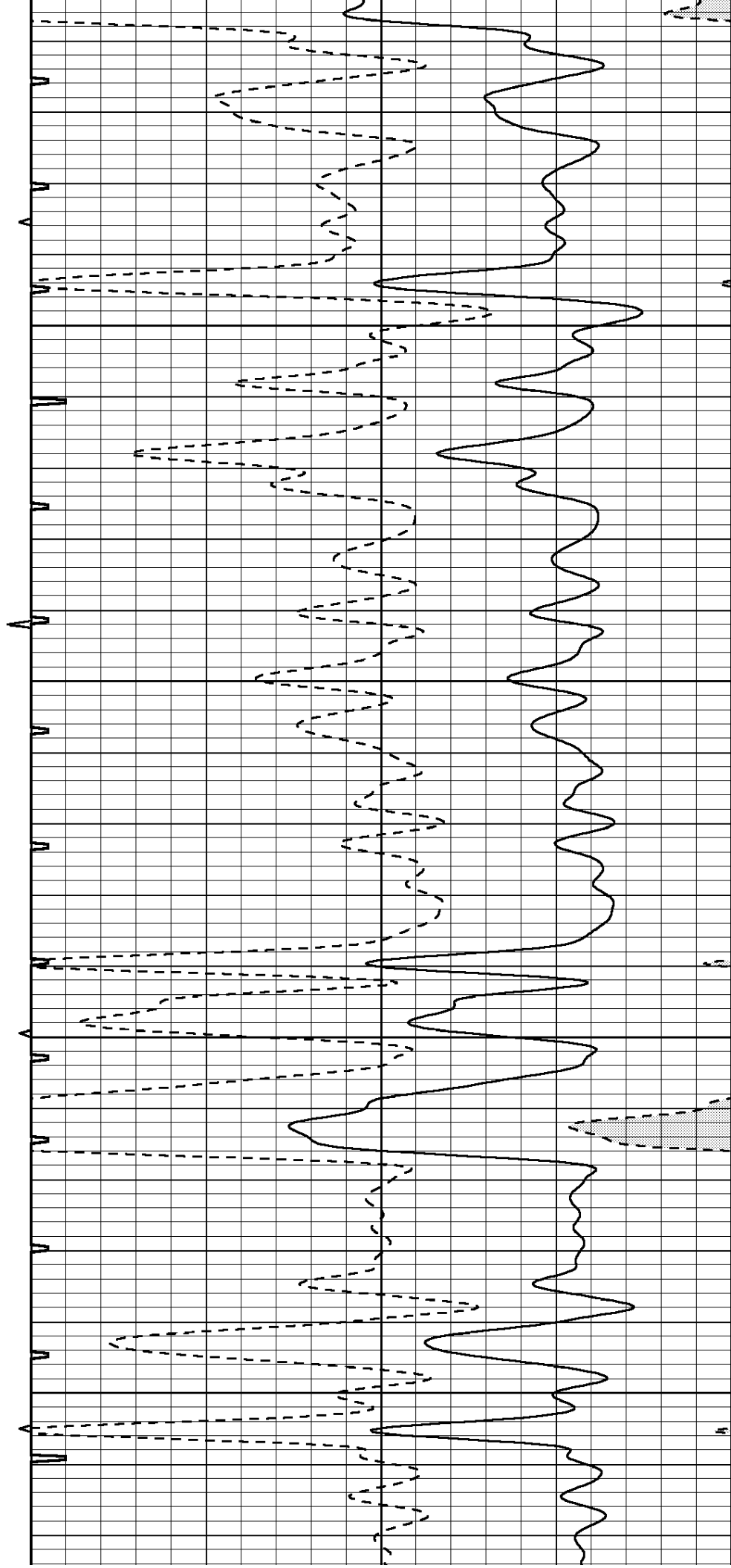


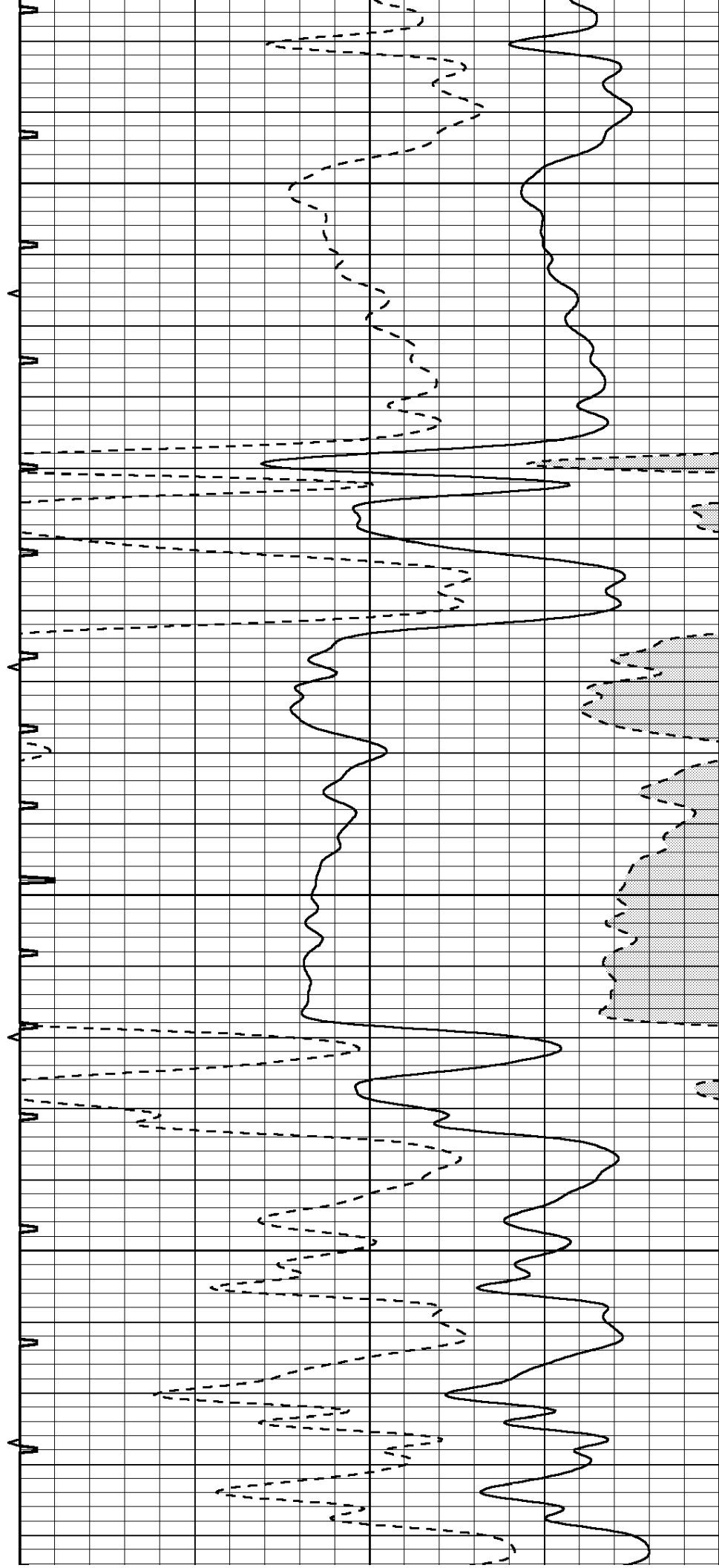
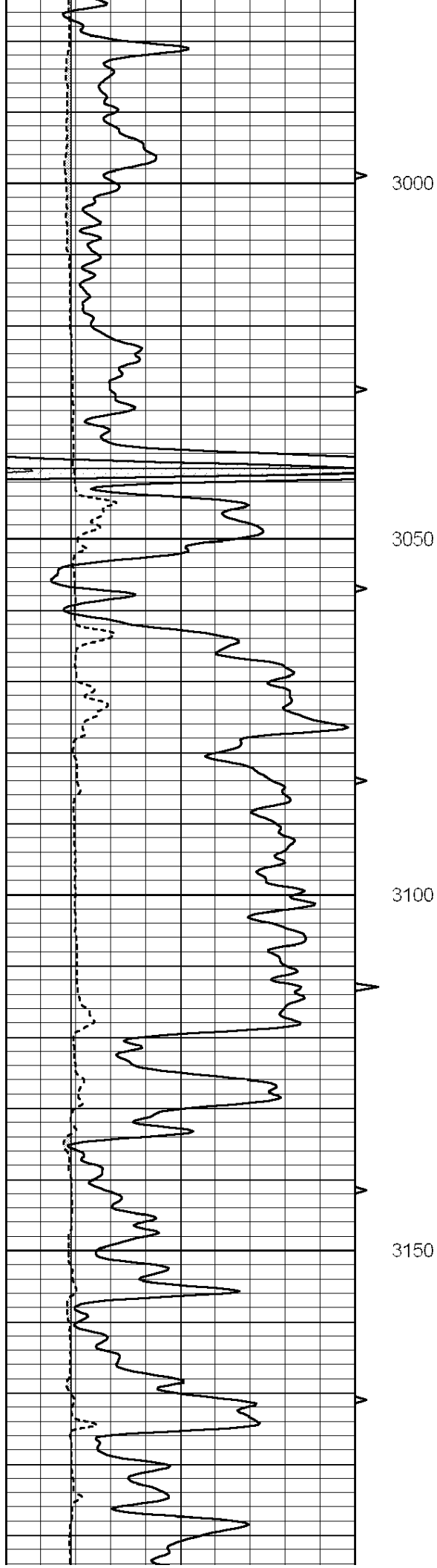
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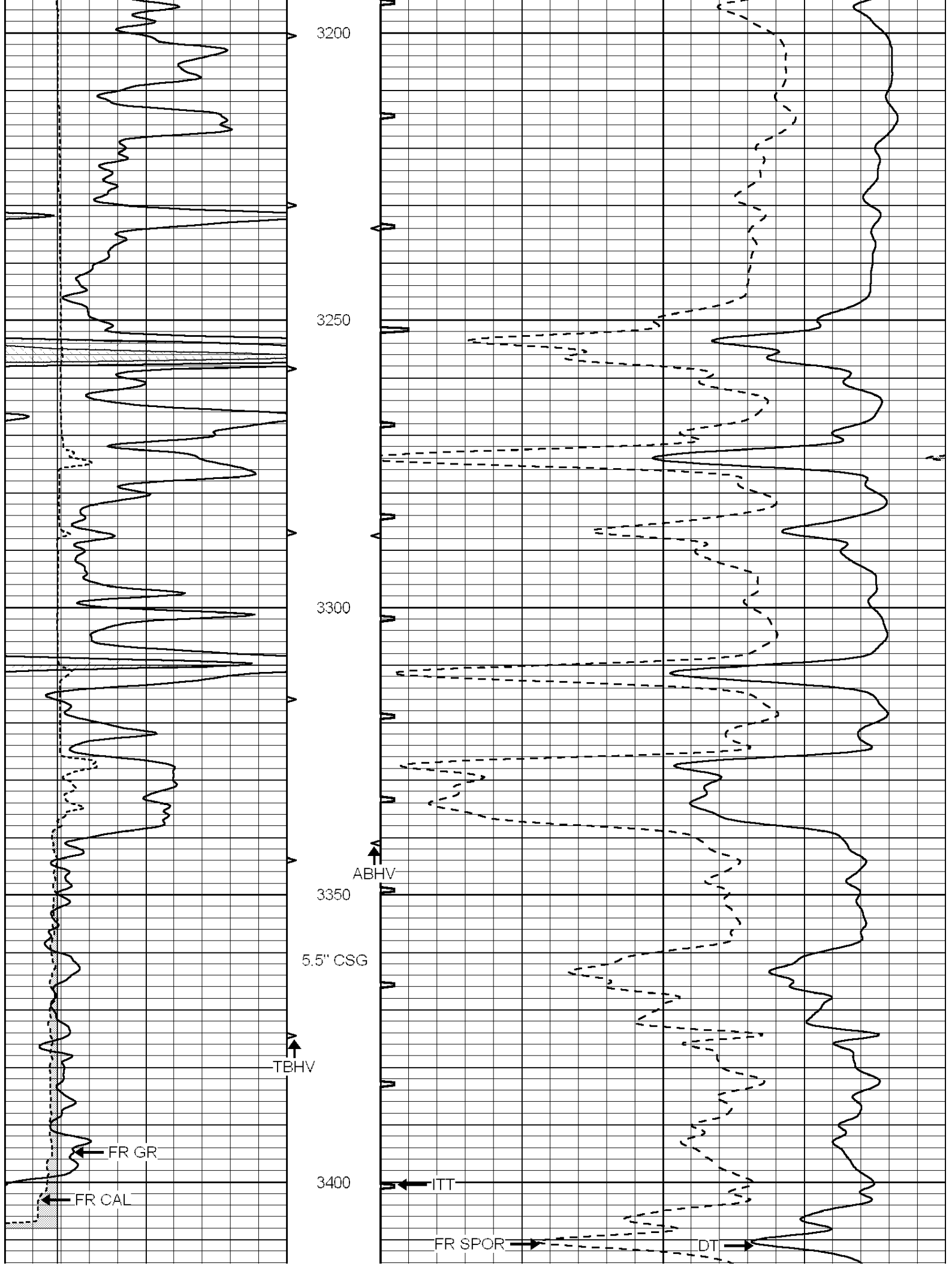
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2950







LTD 3421					
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft) 40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu) -10
			TBHV	0	ITT (msec) 20
			0 (ft3) 10		



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REPEAT SECTION

Database File: 008849ddn.db
Dataset Pathname: pass6.2
Presentation Format: _slt
Dataset Creation: Wed Apr 25 23:07:11 2012 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
			TBHV	0	ITT (msec) 20
			0 (ft3) 10		

