



SUPERIOR
Hays,
Kansas

SONIC LOG

Company CAERUS KANSAS, LLC.		Company CAERUS KANSAS, LLC.	
Well MORTIMER #31-32 B		Well MORTIMER #31-32 B	
Field SETTE		Field SETTE	
County BARTON		County BARTON	
State KANSAS		State KANSAS	
Location: 1650' FNL & 1650' FEL		API # : 15-009-25736-0000	
SEC 31 TWP 17S RGE 13W		Other Services CDL/CNL/PE DIL/MEL	
Permanent Datum	GROUND LEVEL	Elevation	1860
Log Measured From	KELLY BUSHING 10' A.G.L.	K.B. 1870	
Drilling Measured From	KELLY BUSHING	D.F. 1868	
		G.L. 1860	
Date	8/19/12		
Run Number	TWO		
Depth Driller	3550		
Depth Logger	3552		
Bottom Logged Interval	3542		
Top Log Interval	800		
Casing Driller	8 5/8" @ 825		
Casing Logger	825		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5000 PPM	
Density / Viscosity	9.4/44		
pH / Fluid Loss	9.0/9.8		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	0.80 @ 81F		
Rinf @ Meas. Temp	0.60 @ 81F		
Rinc @ Meas. Temp	0.96 @ 81F		
Source of Rinf / Rinc	MEASURED		
Rin @ BHT	.57 @ 112F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	112F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	JUSTIN CARTER		

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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
HOISINGTON, KS. - W. TO CURVE - FOLLOW CURVE N. 1/4 MILE - W. INTO

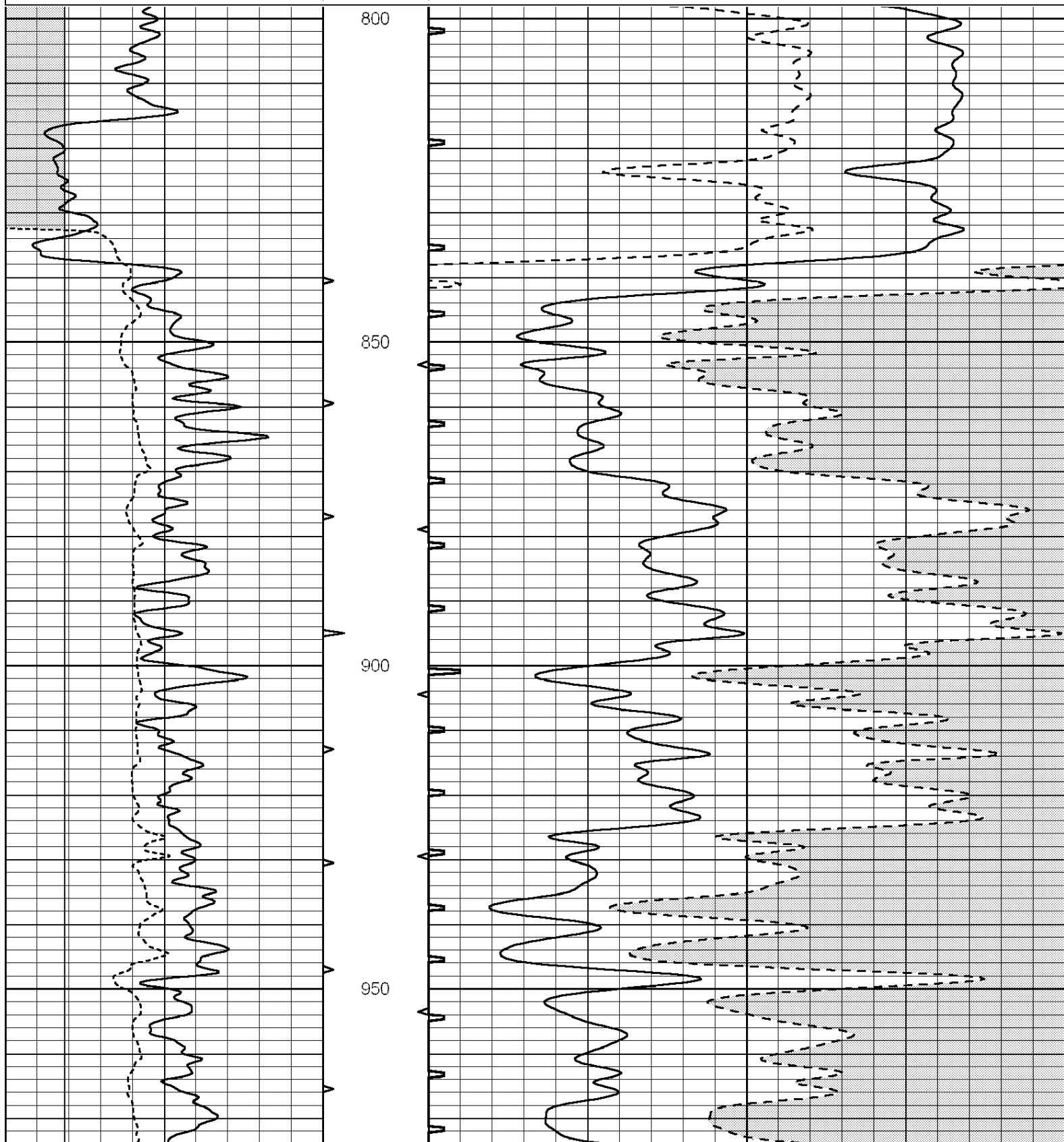


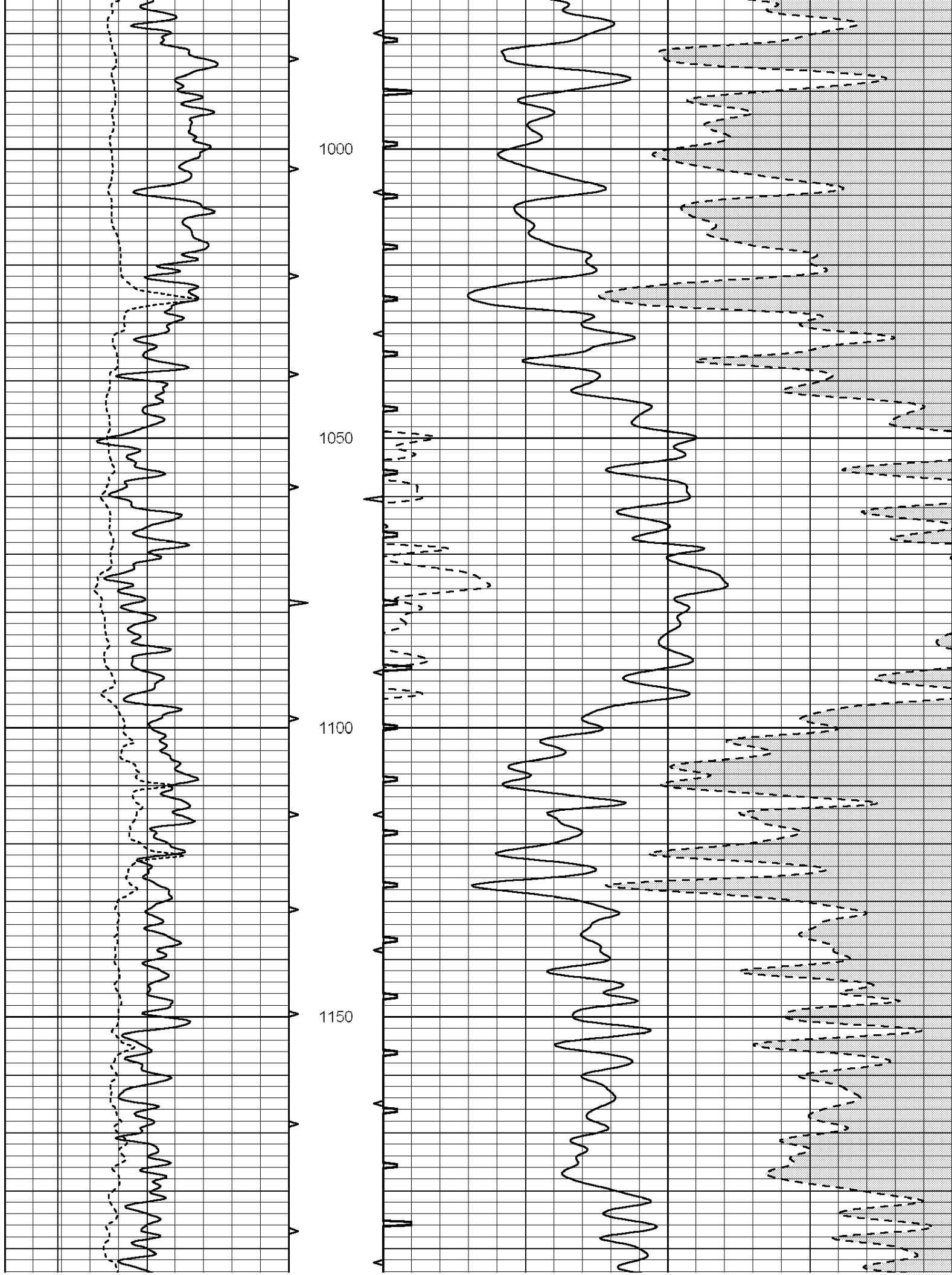
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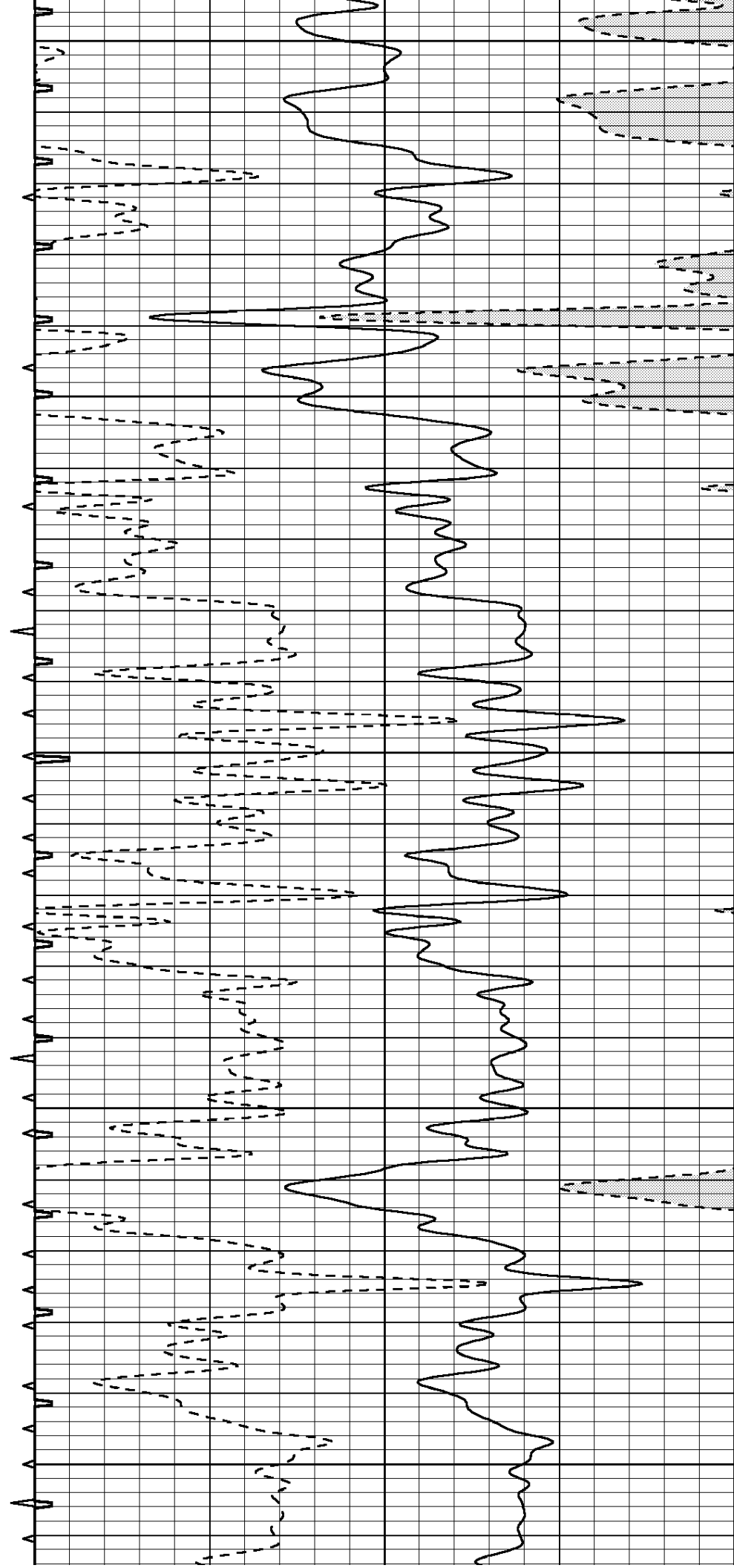
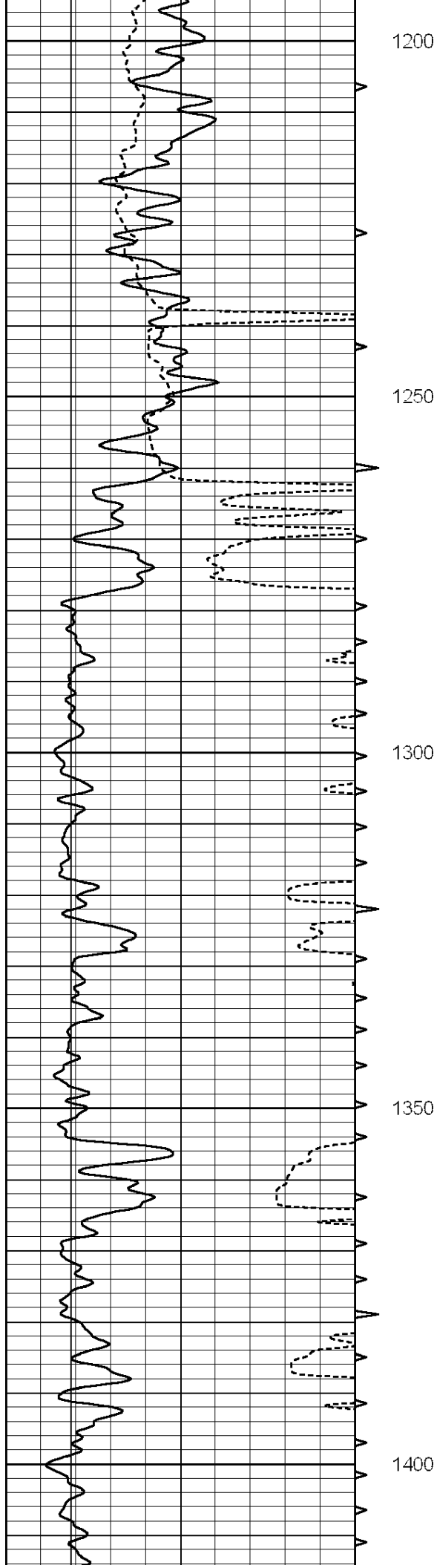
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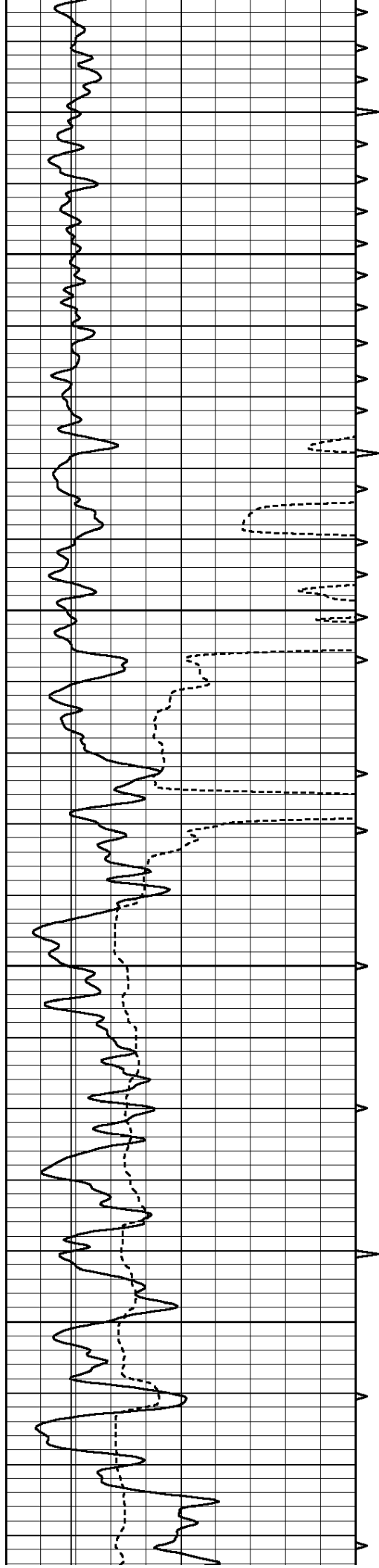
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Presentation Format: _slt
Dataset Creation: Sun Aug 19 05:48:14 2012 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

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			







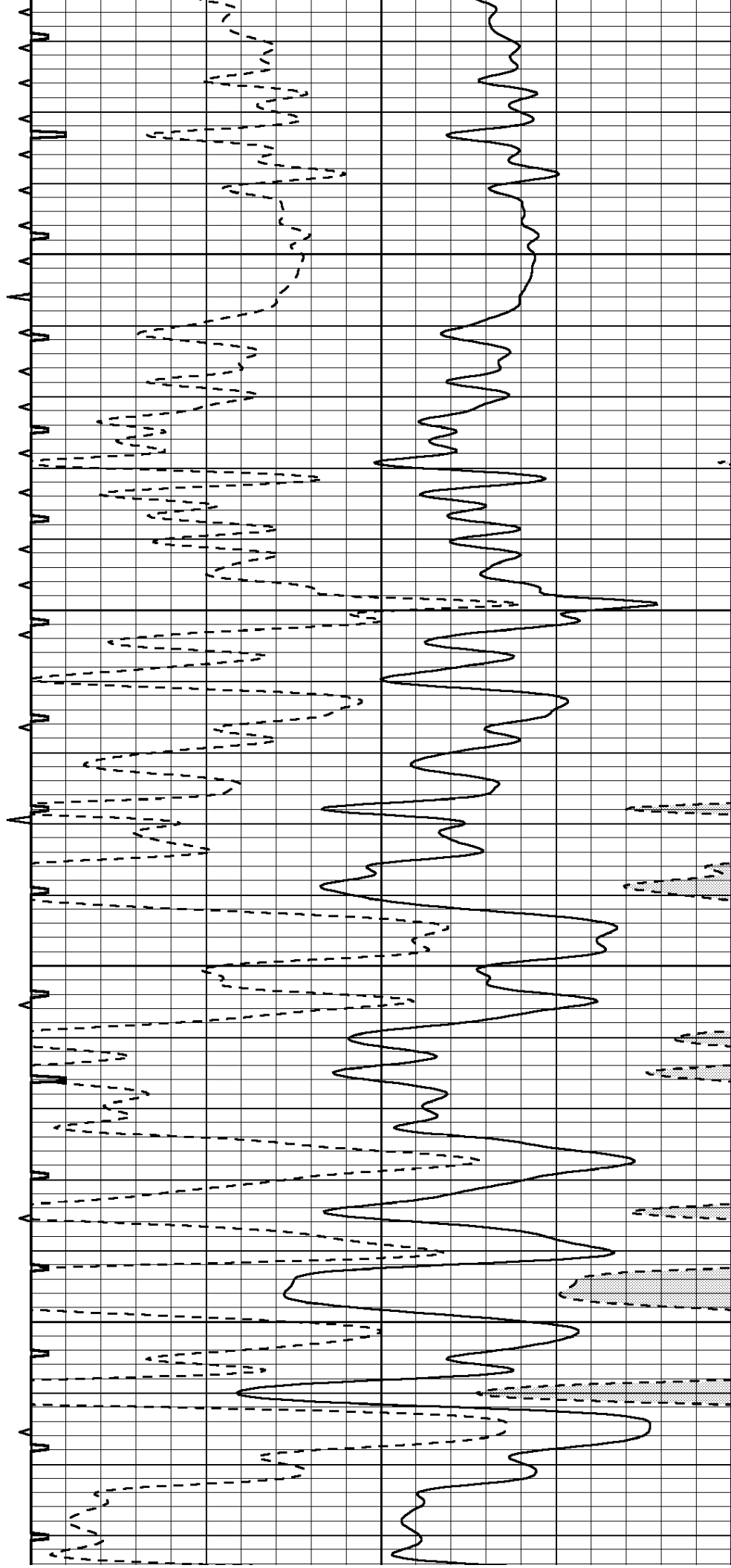


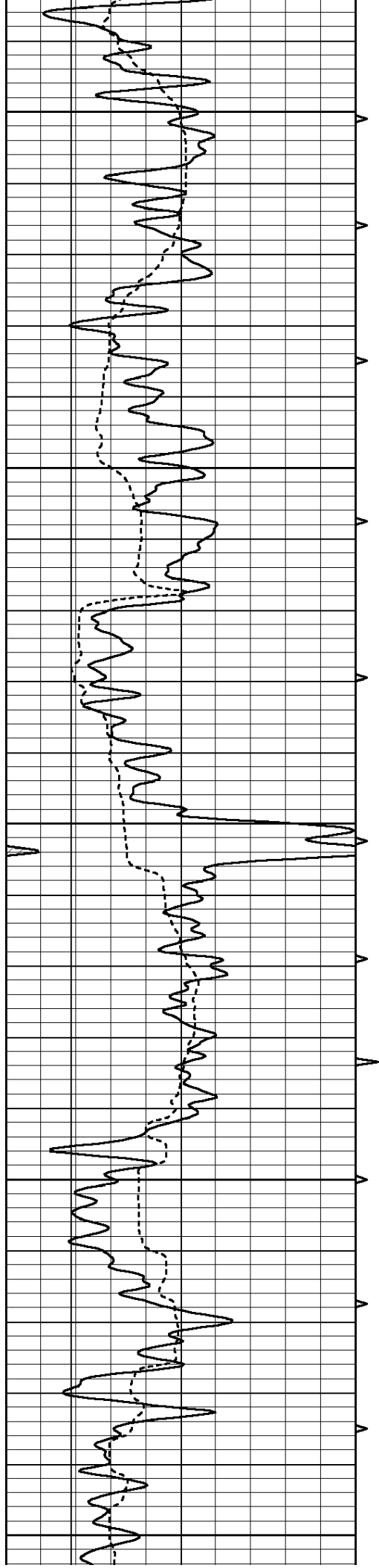
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1500

1550

1600





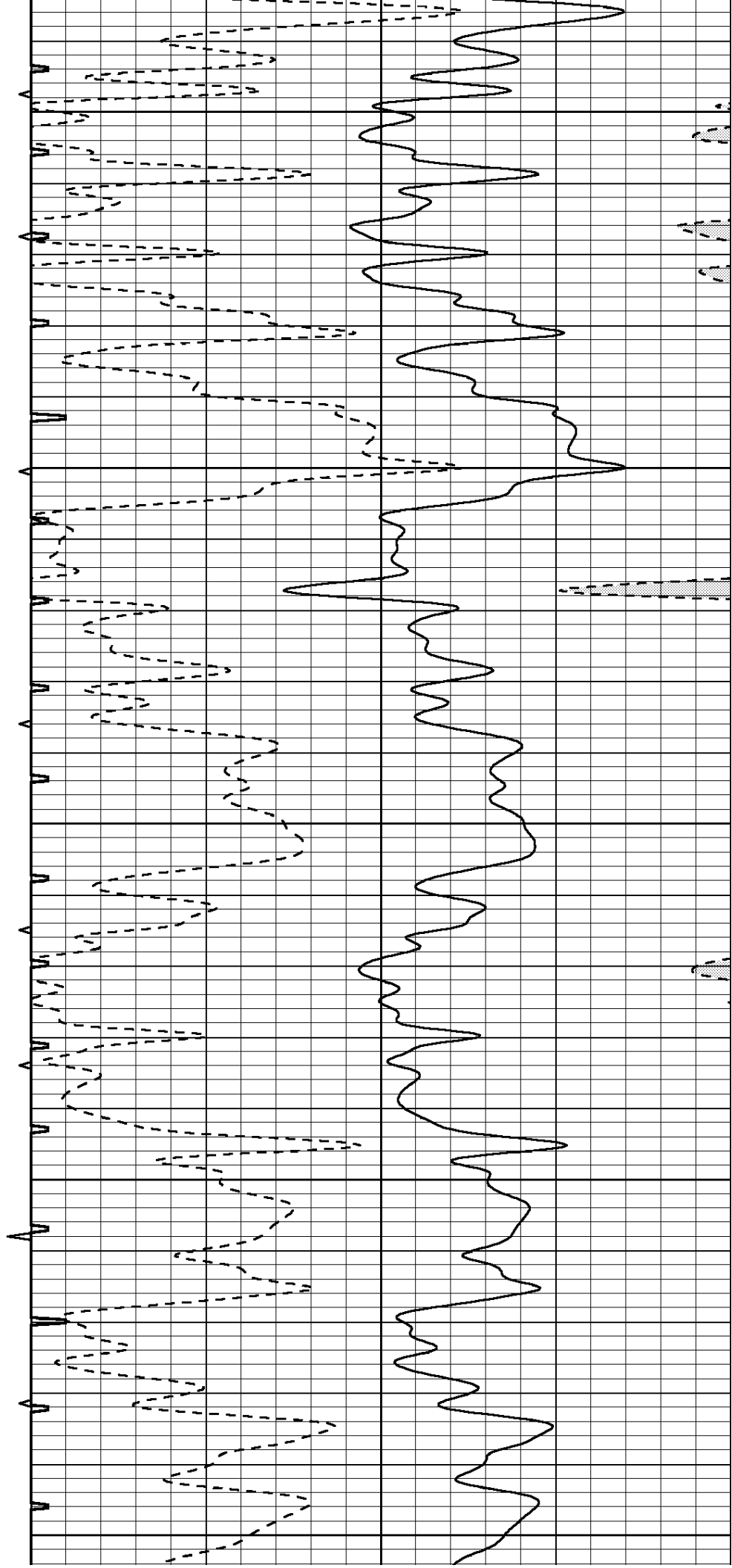
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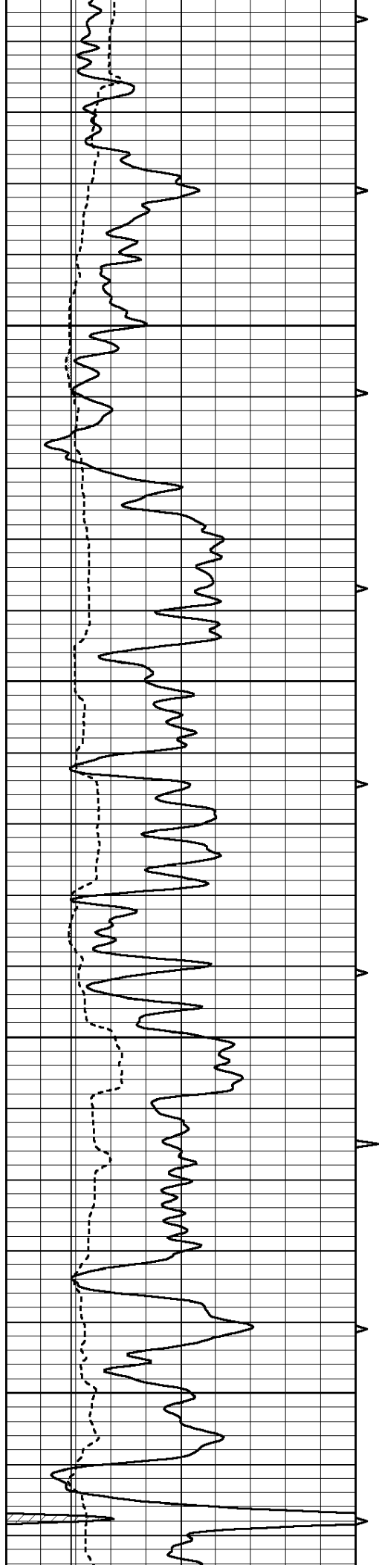
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1750

1800

1850



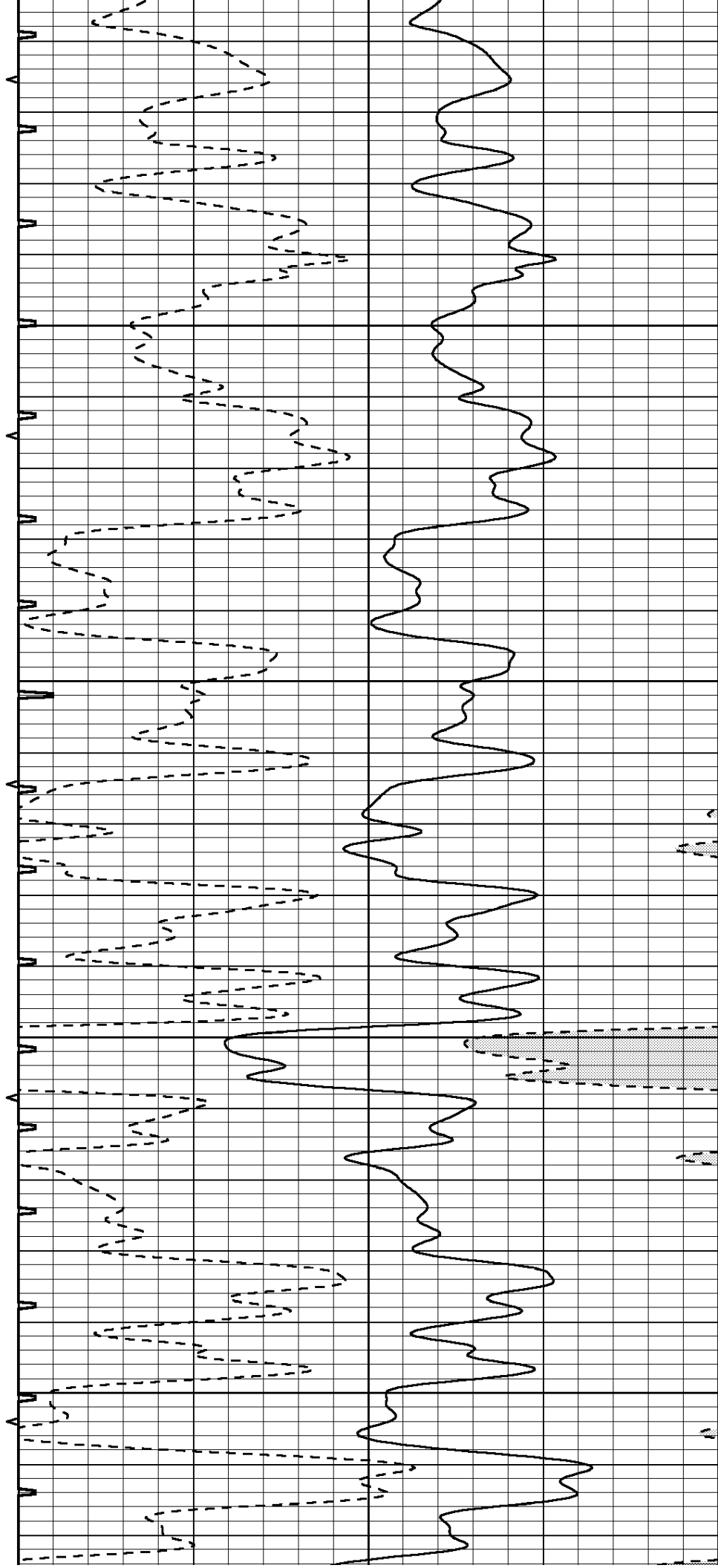


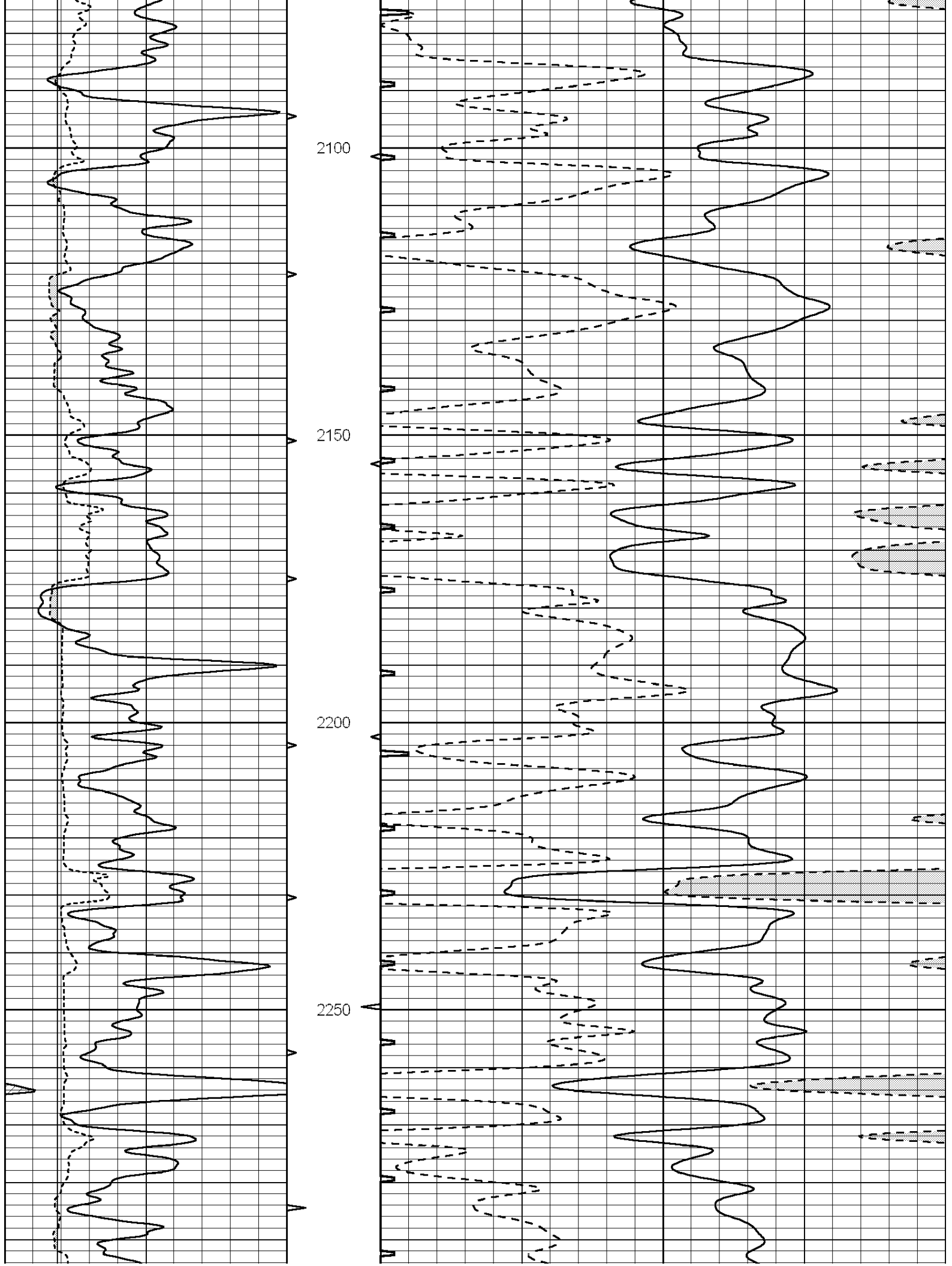
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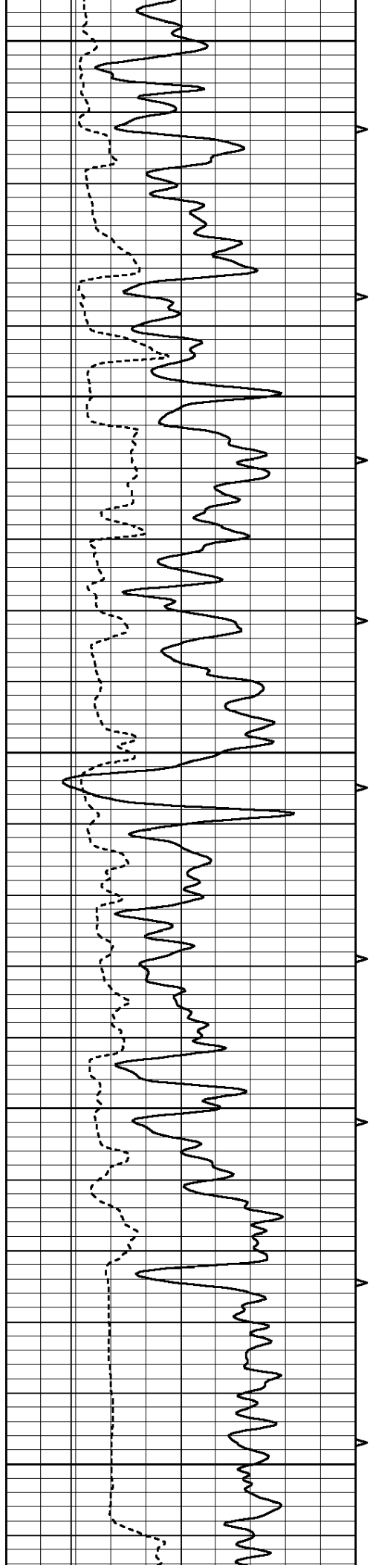
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2000

2050







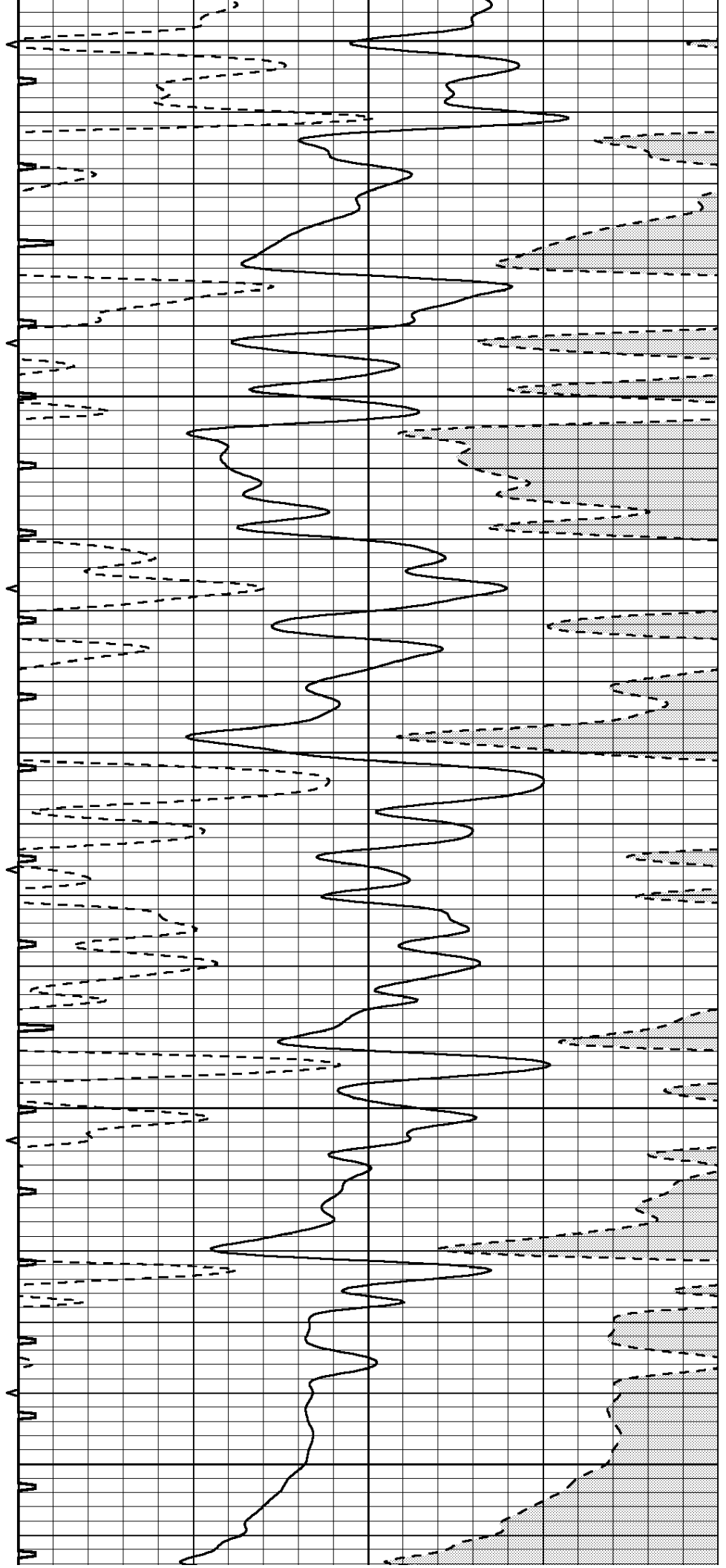
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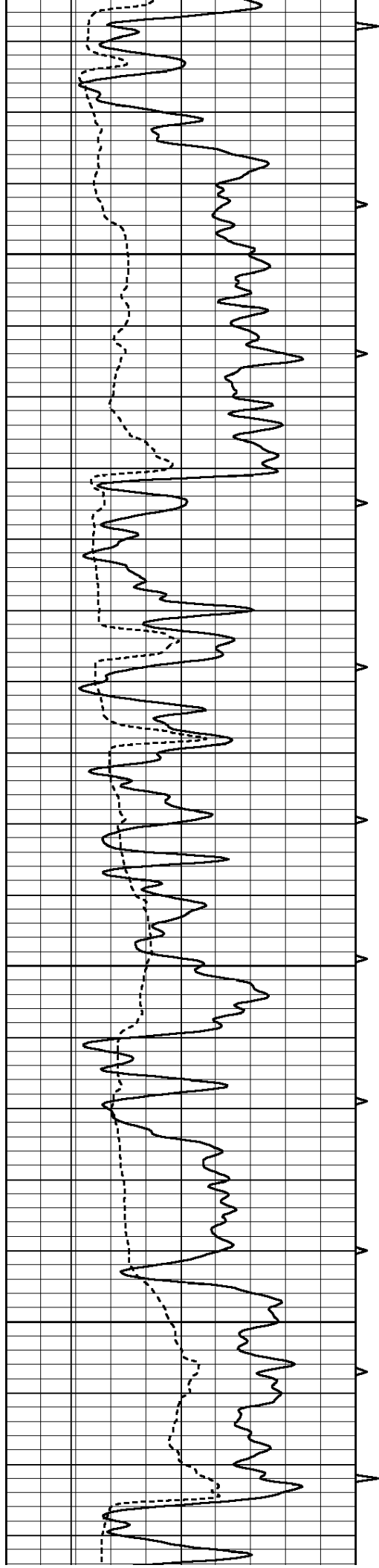
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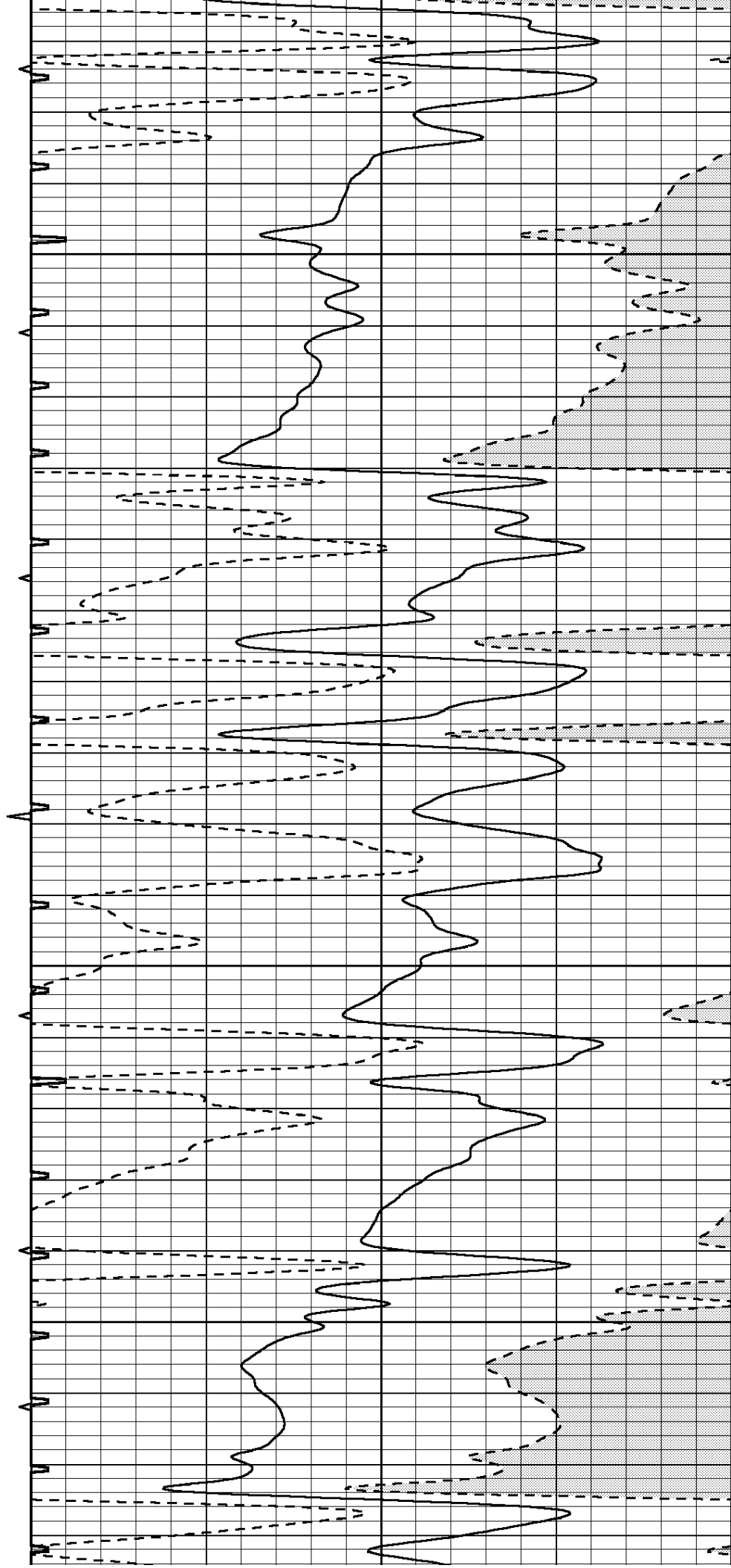


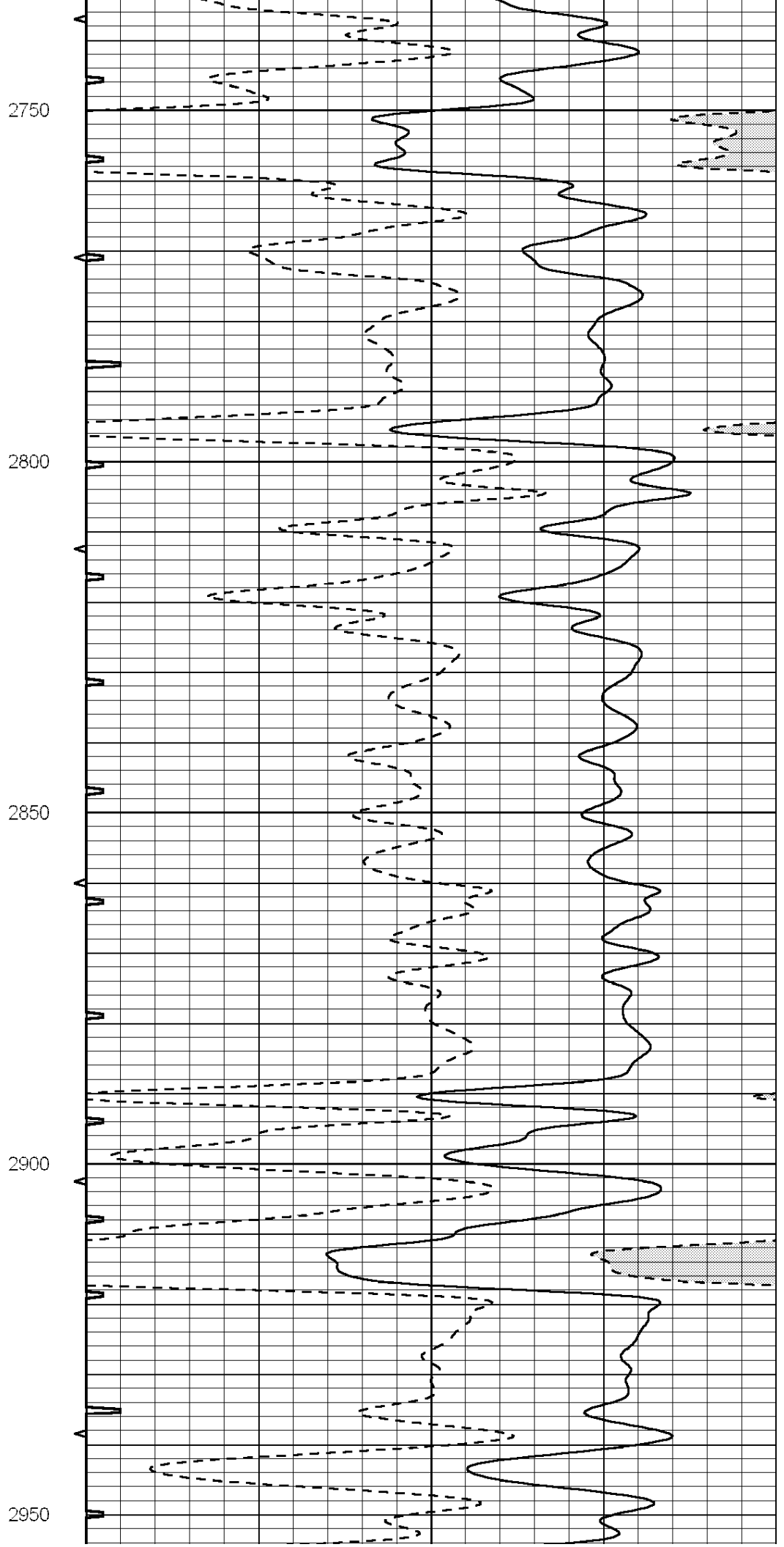
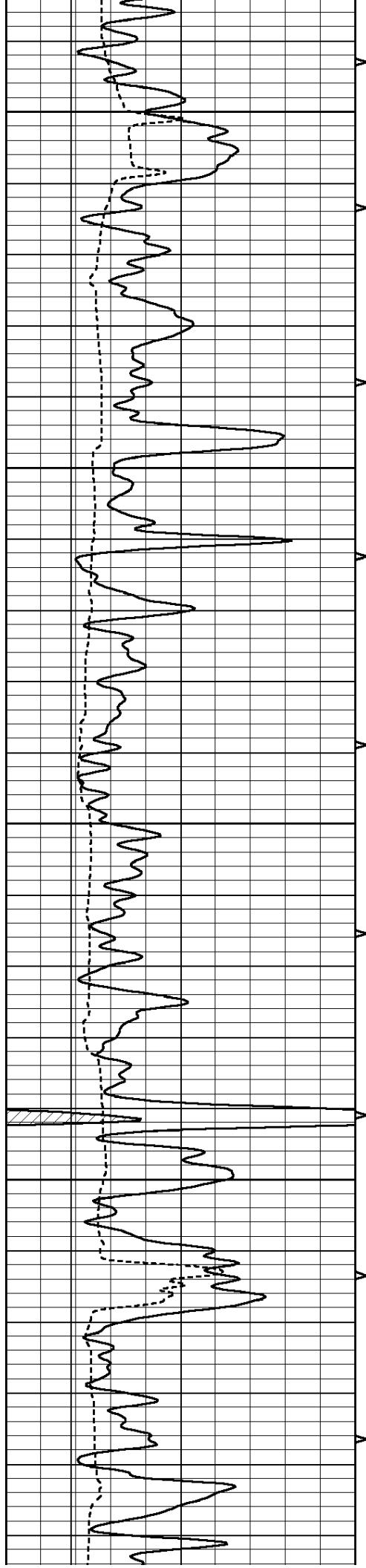
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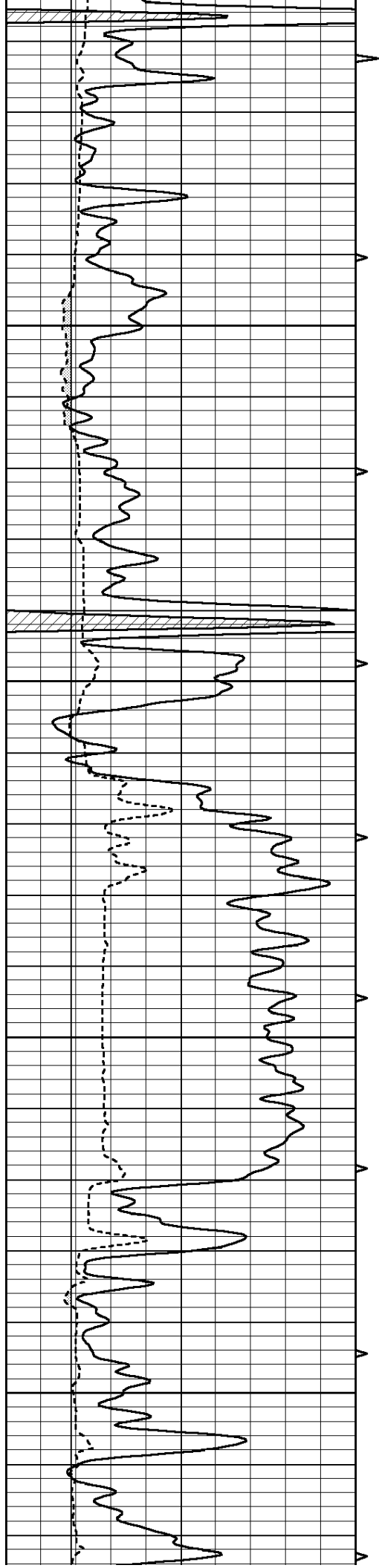
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2650

2700





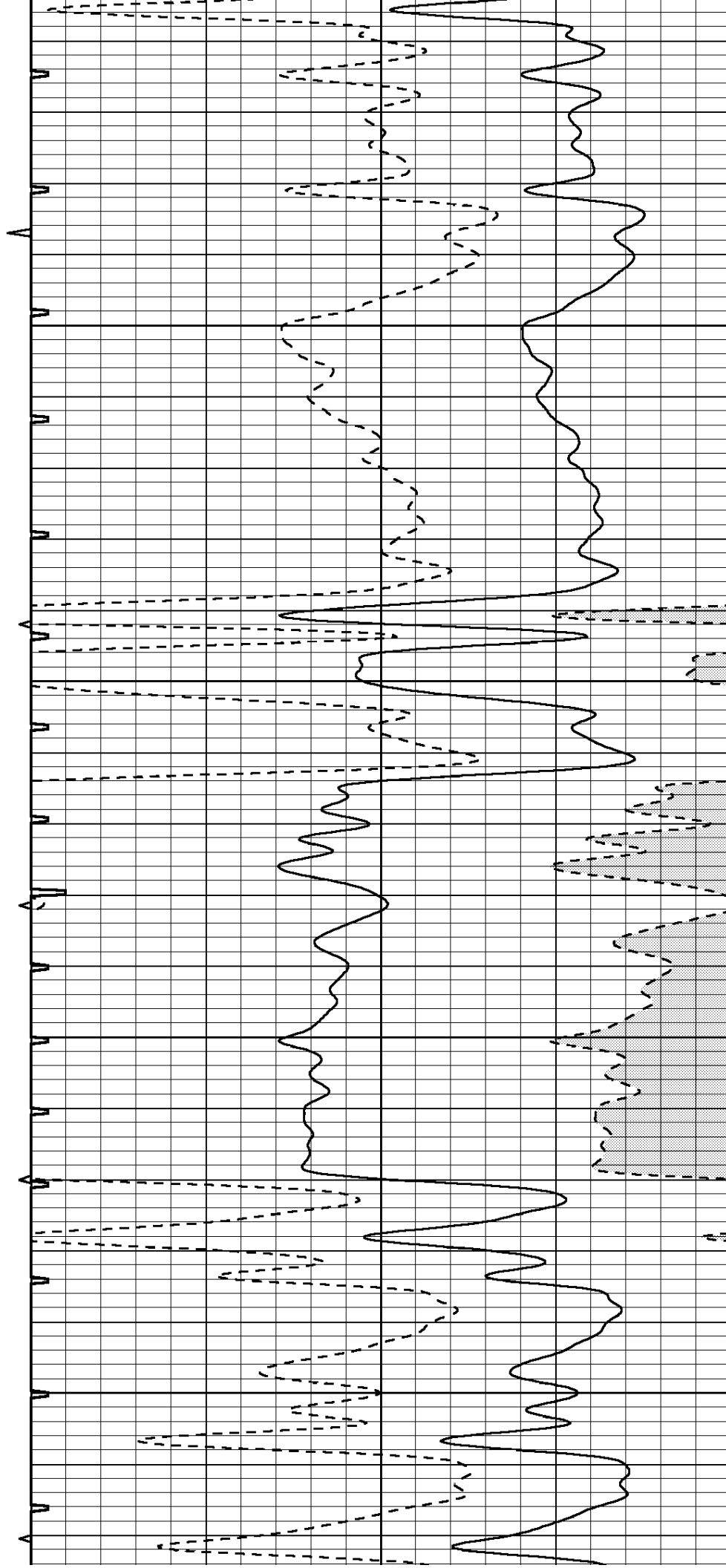


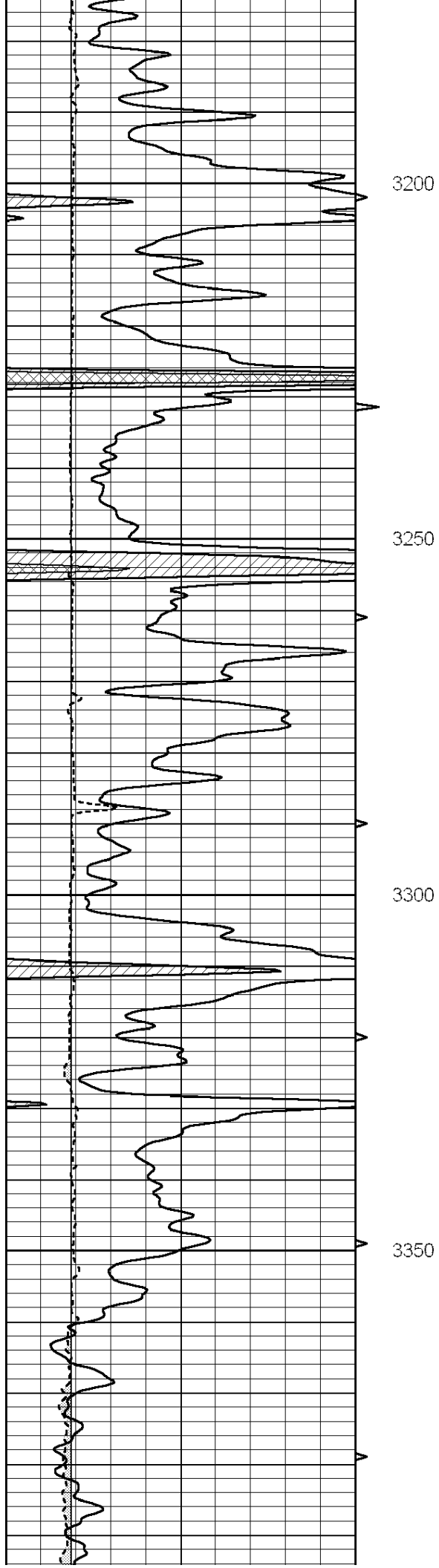
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3100

3150



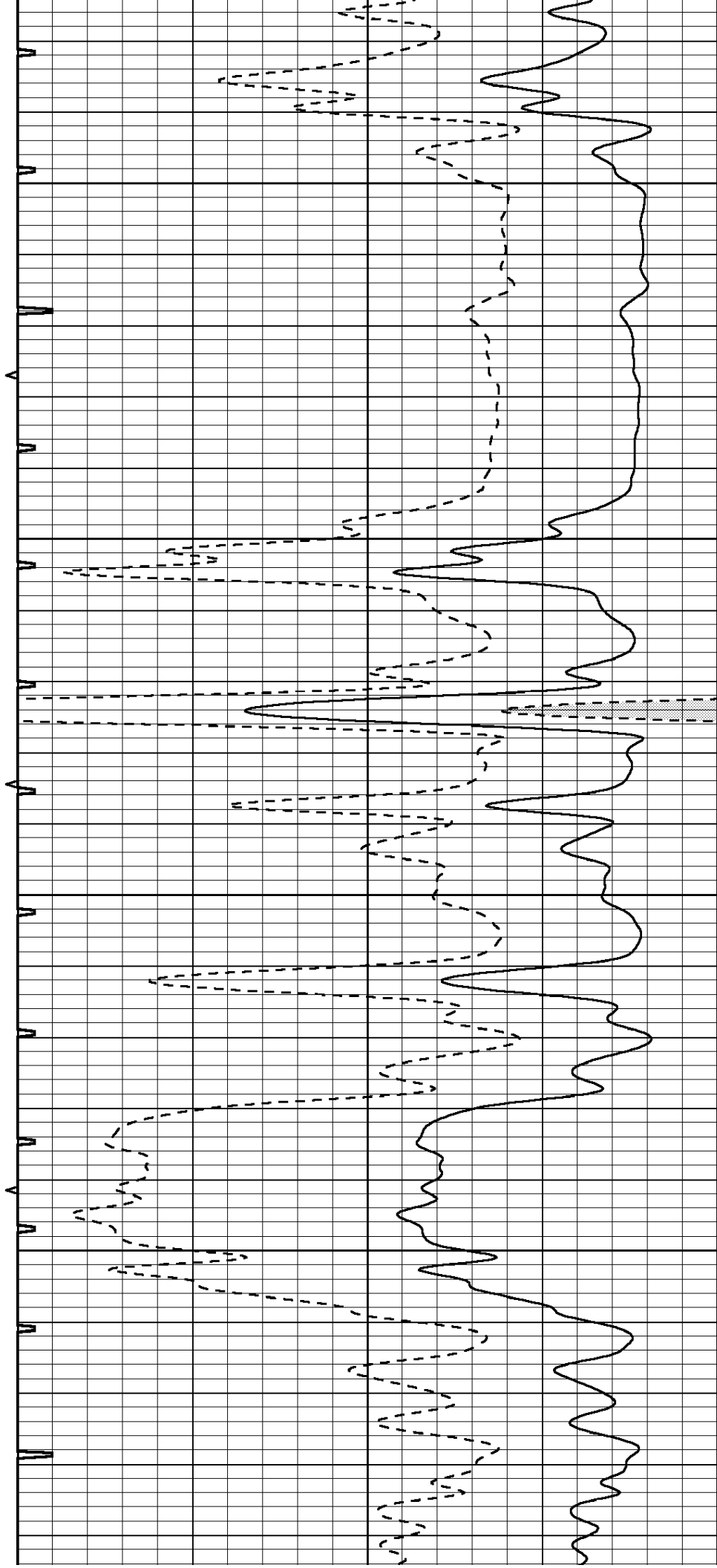


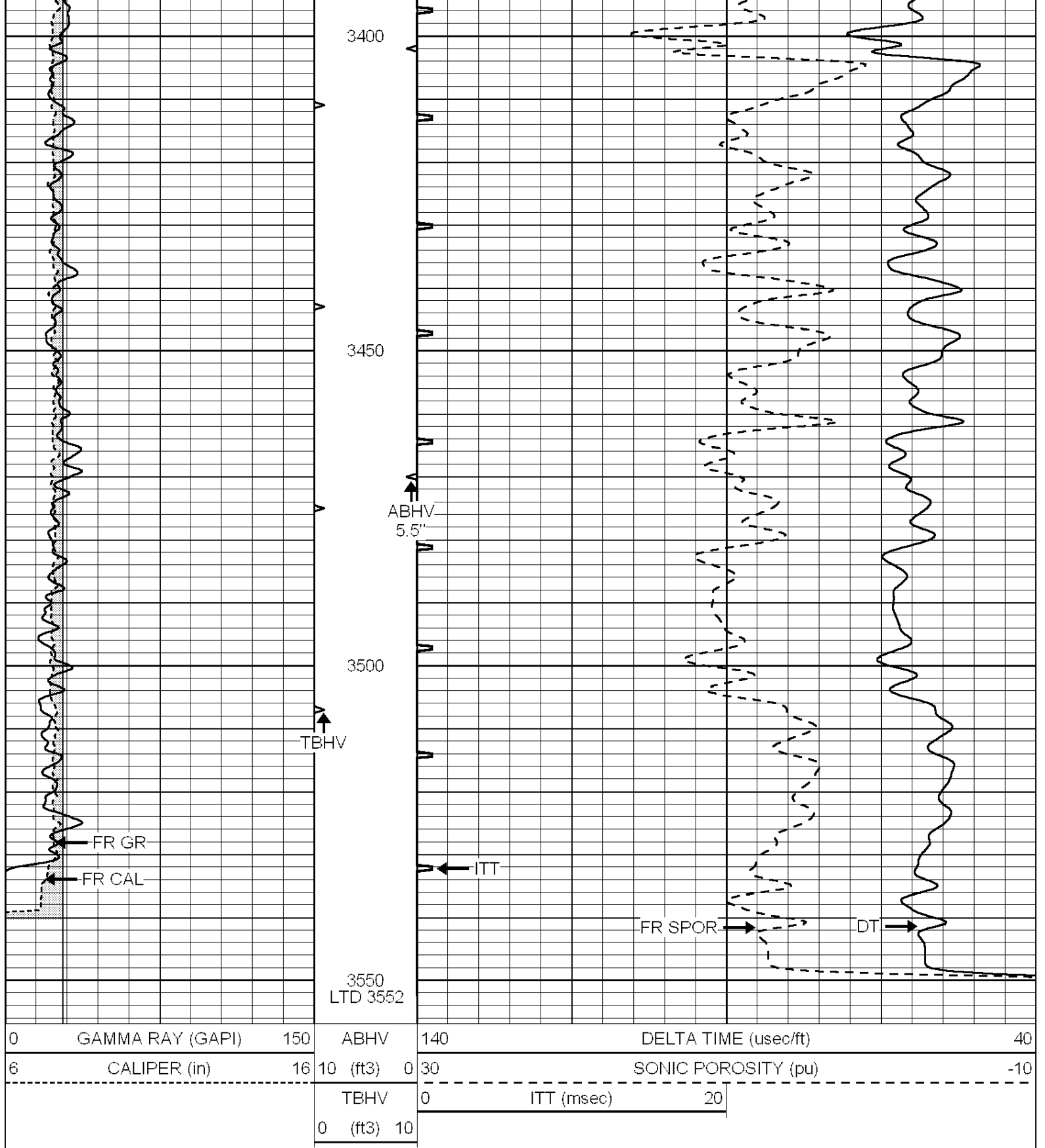
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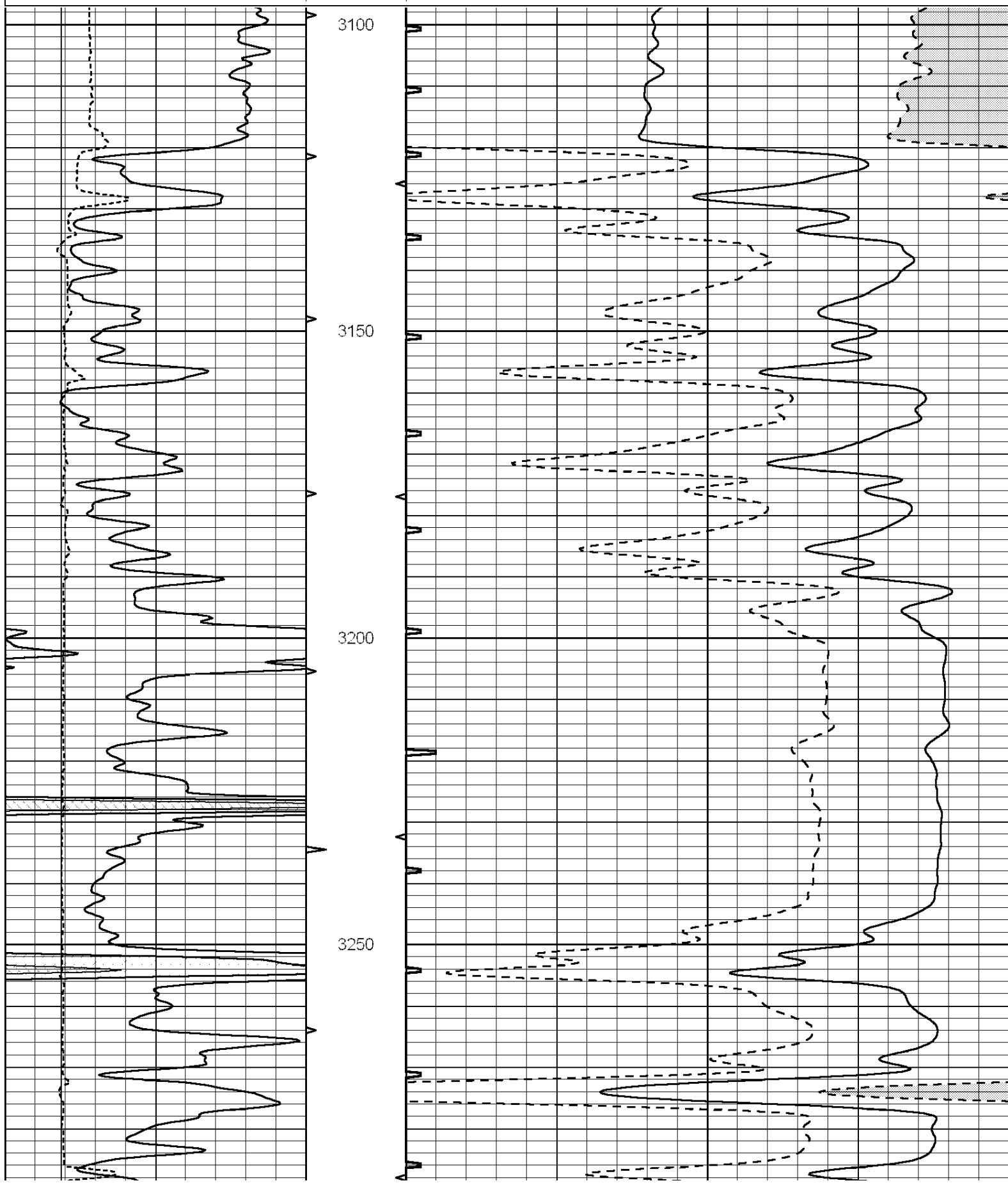


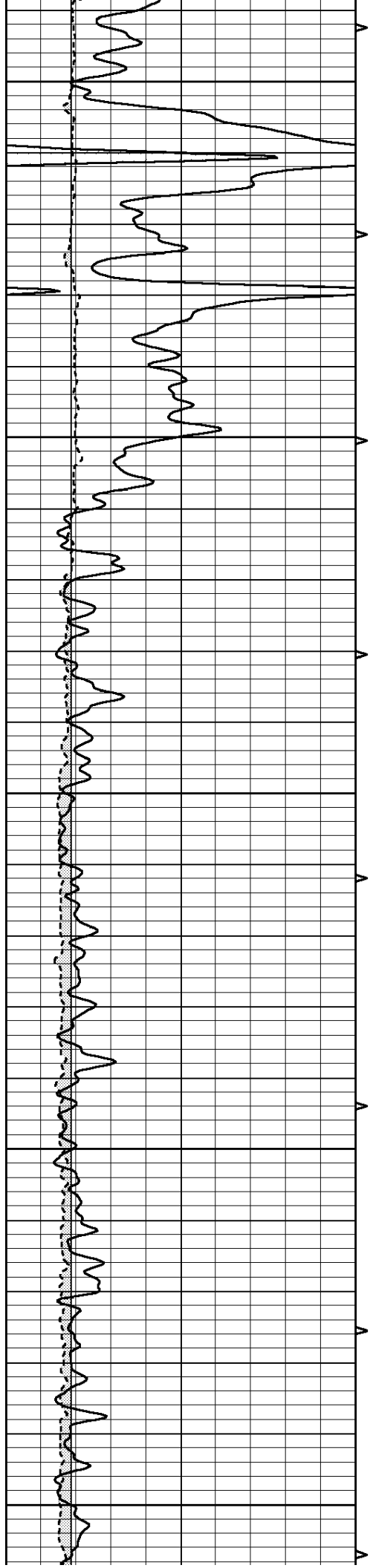
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REPEAT SECTION

Database File: 009584ddn.db
Dataset Pathname: pass5.1
Presentation Format: _slt

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			





3300

3350

3400

3450

3500

