



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

SONIC LOG

Company		L.D. DRILLING, INC.	
Well		BARNES #2-21	
Field			
County		BARTON	
State		KANSAS	
Location:		APL # : 15-009-26087-0000	
Permanent Datum		900' FNL & 330' FWL	
Log Measured From		N/2 SW NW NW	
Drilling Measured From		SEC 21 TWP 18S RGE 14W	
		GROUND LEVEL Elevation 1929	
		KELLY BUSHING 5' A.G.L.	
		KELLY BUSHING	
		Elevation	
		K.B. 1934	
		D.F. 1932	
		G.L. 1929	
Date	4/7/15		
Run Number	TWO		
Depth Driller	3560		
Depth Logger	3566		
Bottom Logged Interval	3551		
Top Log Interval	900		
Casing Driller	8 5/8" @ 938		
Casing Logger	933		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 9500 PPM	
Density / Viscosity	9.3/59		
pH / Fluid Loss	11.0/10.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.50 @ 68F		
Rmt @ Meas. Temp	.37 @ 68F		
Rmc @ Meas. Temp	1.59 @ 68F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	.30 @ 112F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	112F		
Equipment Number	4010		
Location	HAYS, KANSAS		
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

THANK YOU FOR USING NABORS, HAYS, KS. (785) 628-6395
DIRECTIONS:

FROM HWY 281 & HWY 4 GO 4 MILES SOUTH TO CURVE - 2 WEST - 1/4 SOUTH - EAST INTO



NABORS

**COMPLETION
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MAIN SECTION

Database File:

26550ddn.db

Dataset Pathname:

pass6.2

Presentation Format:

_slt

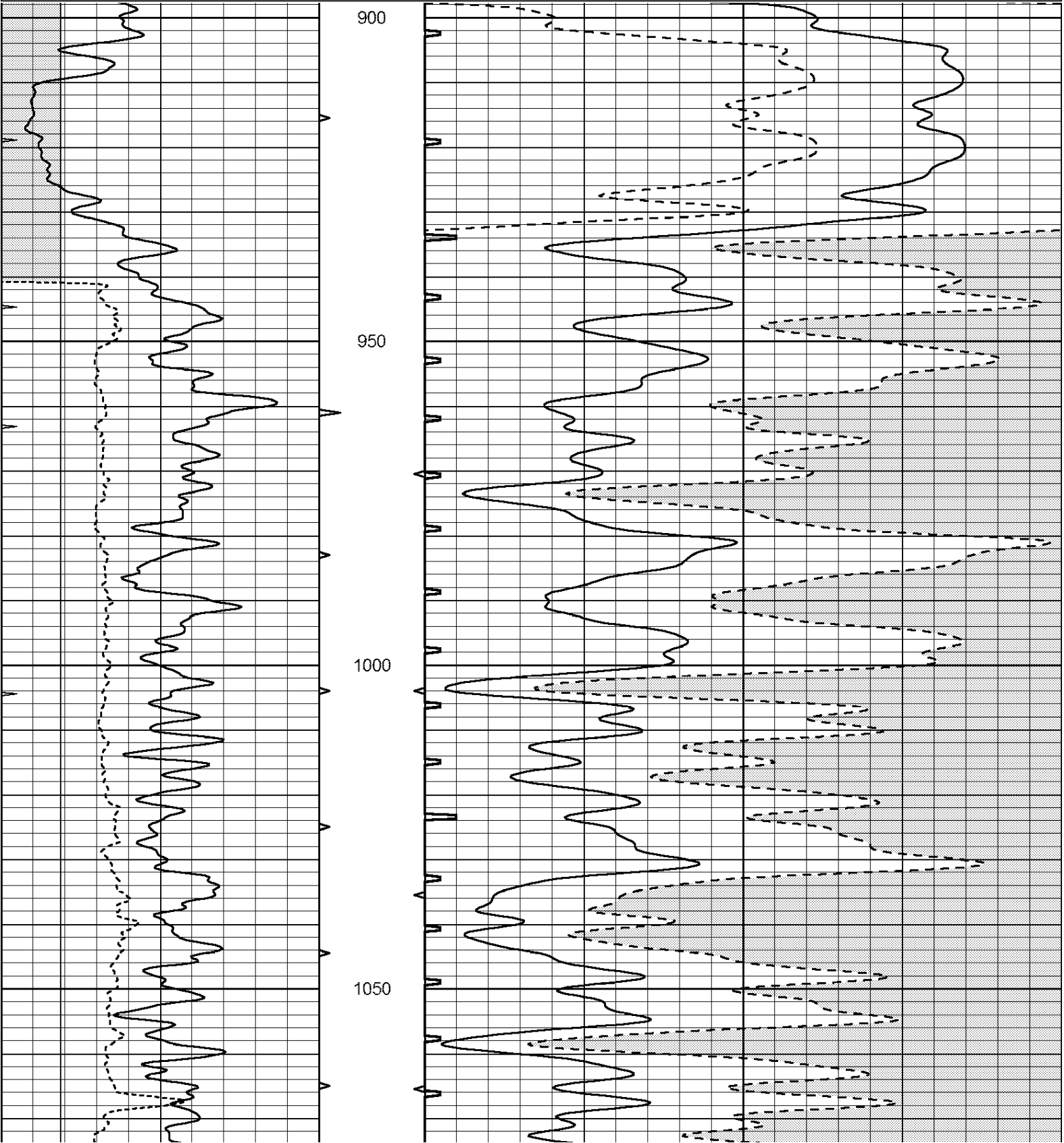
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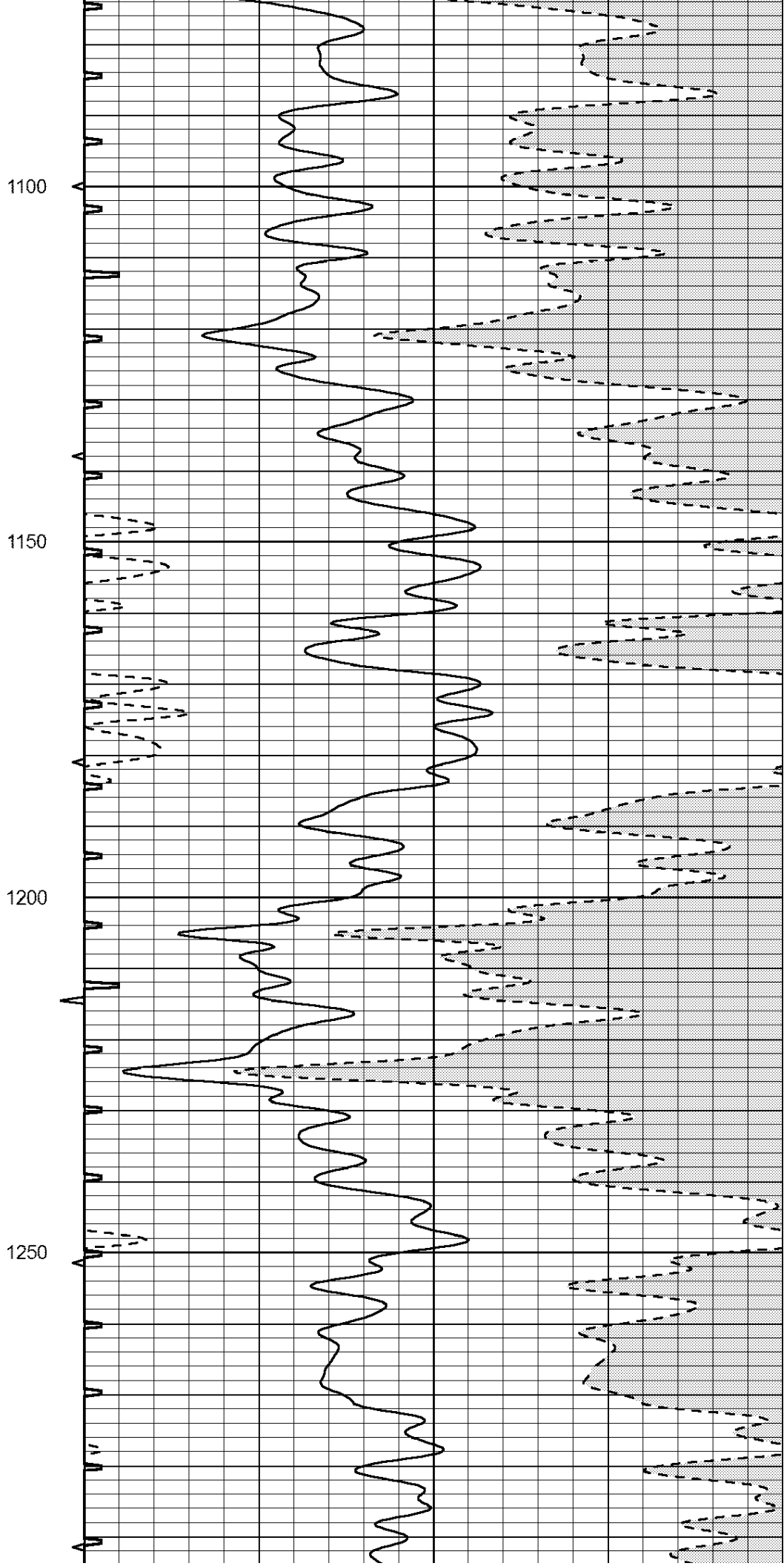
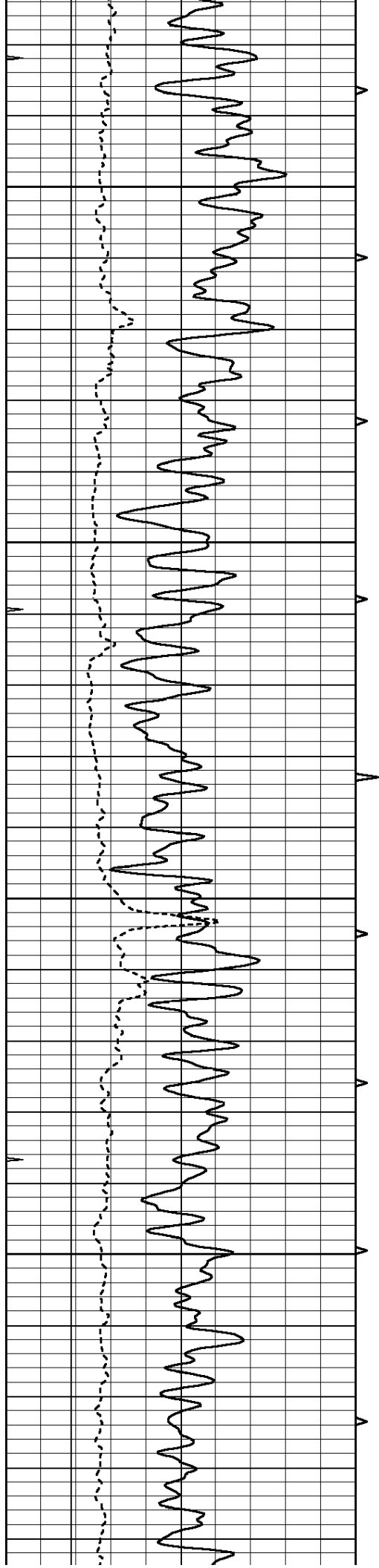
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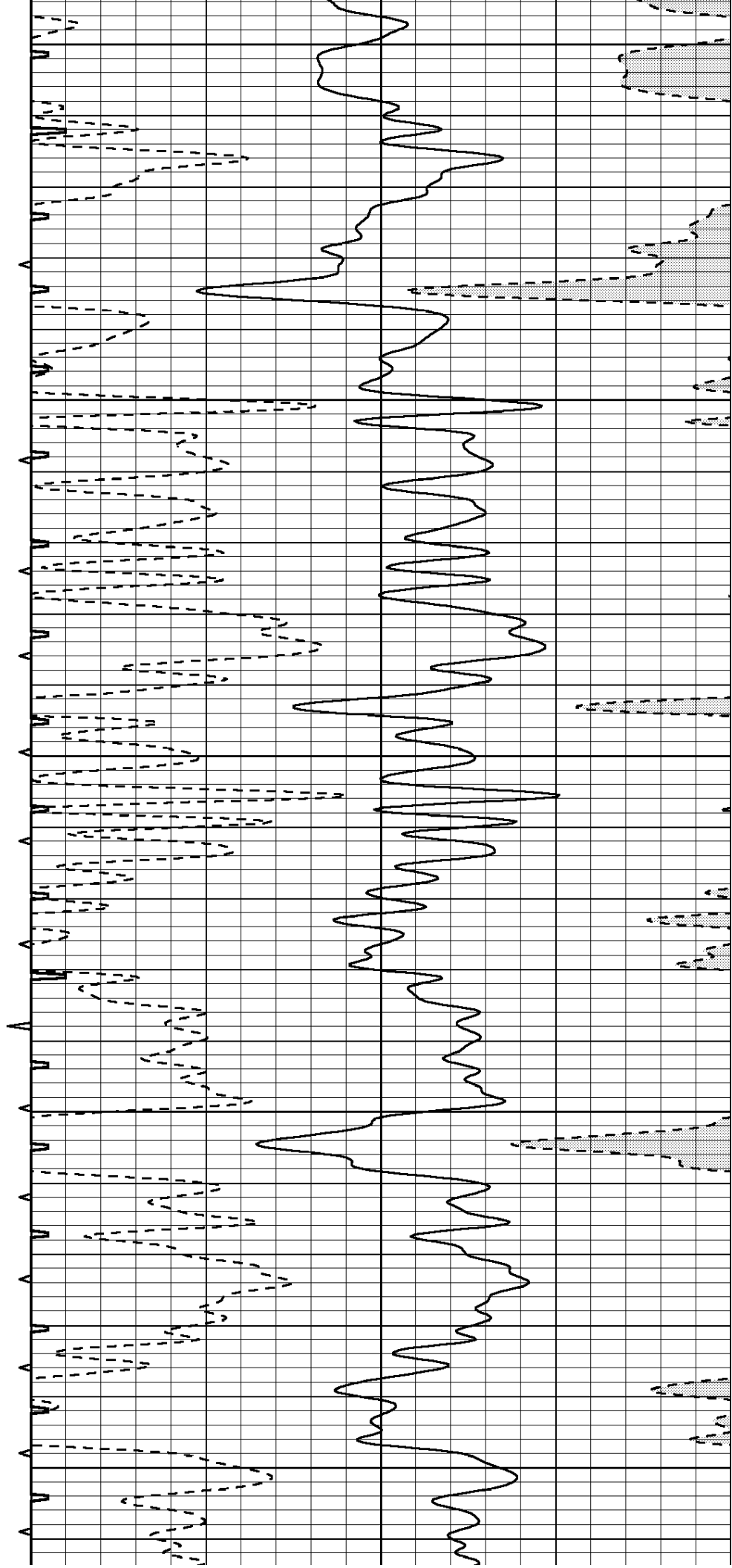
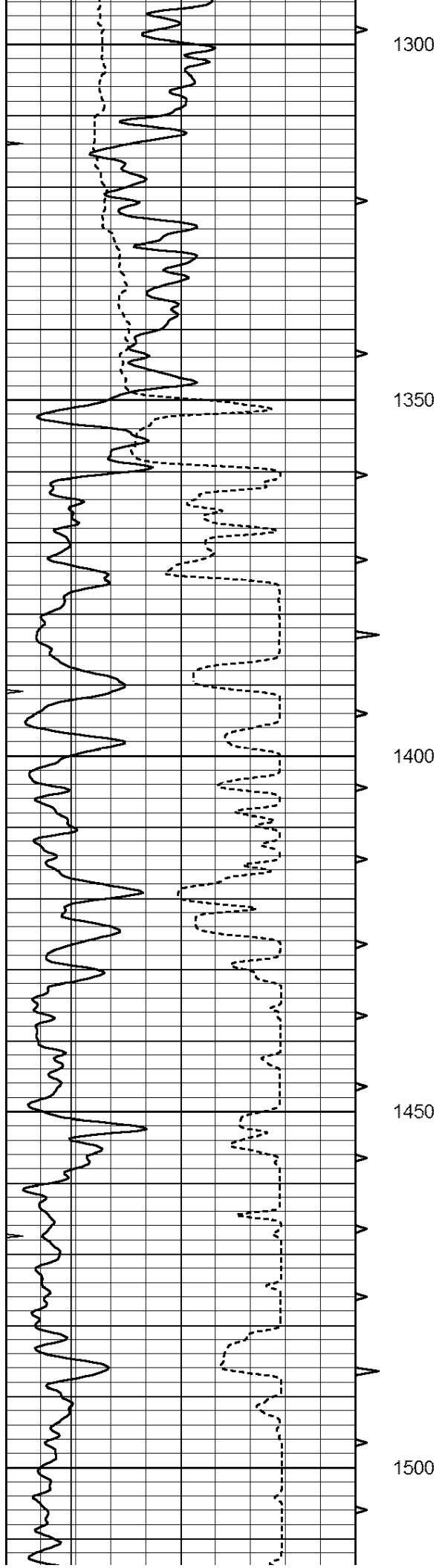
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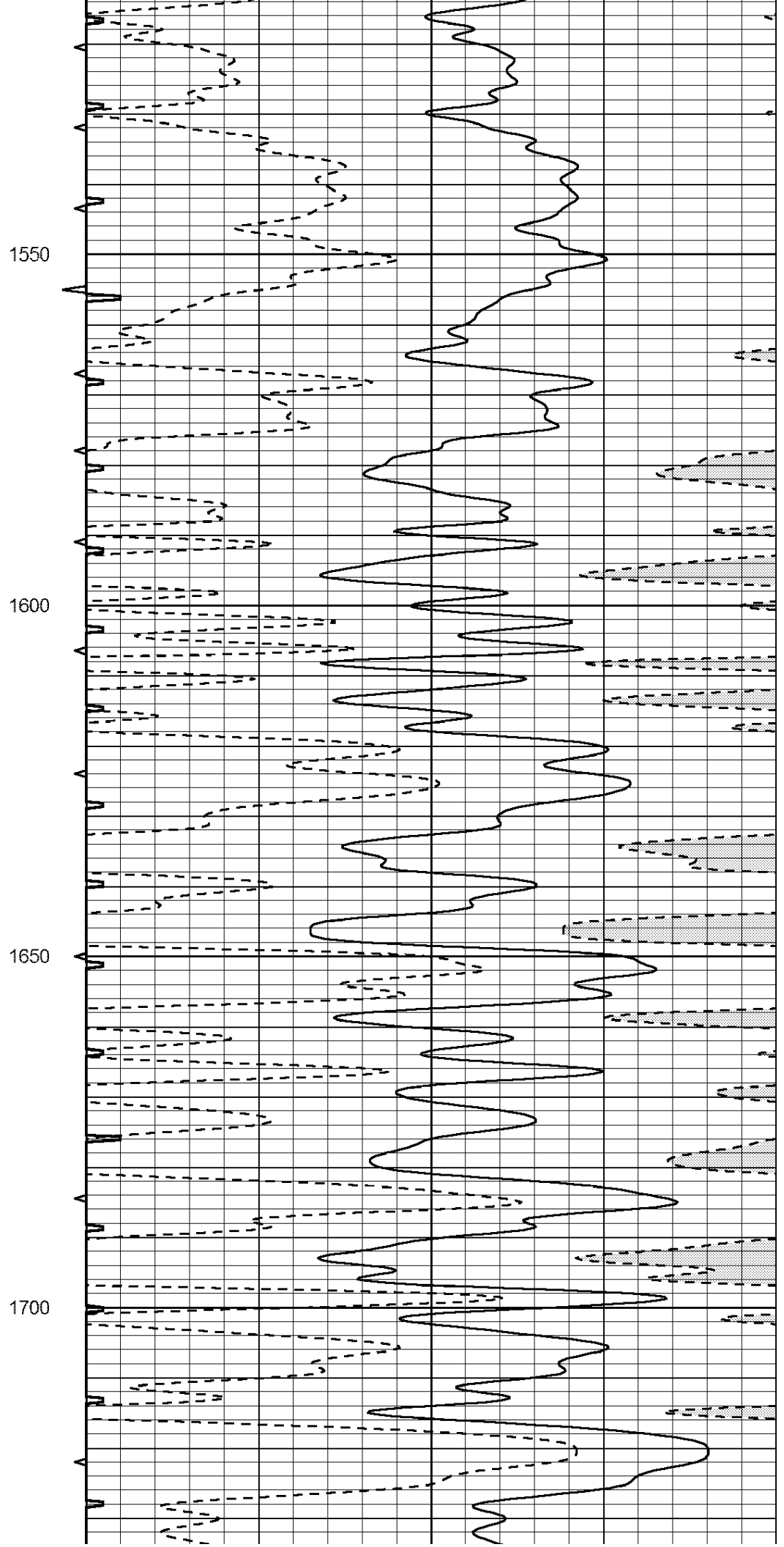
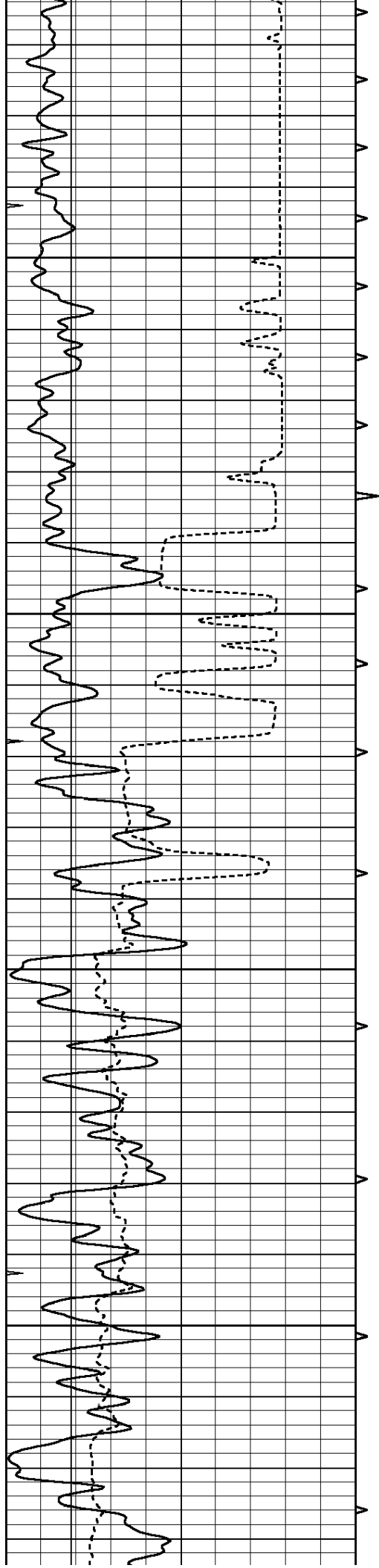
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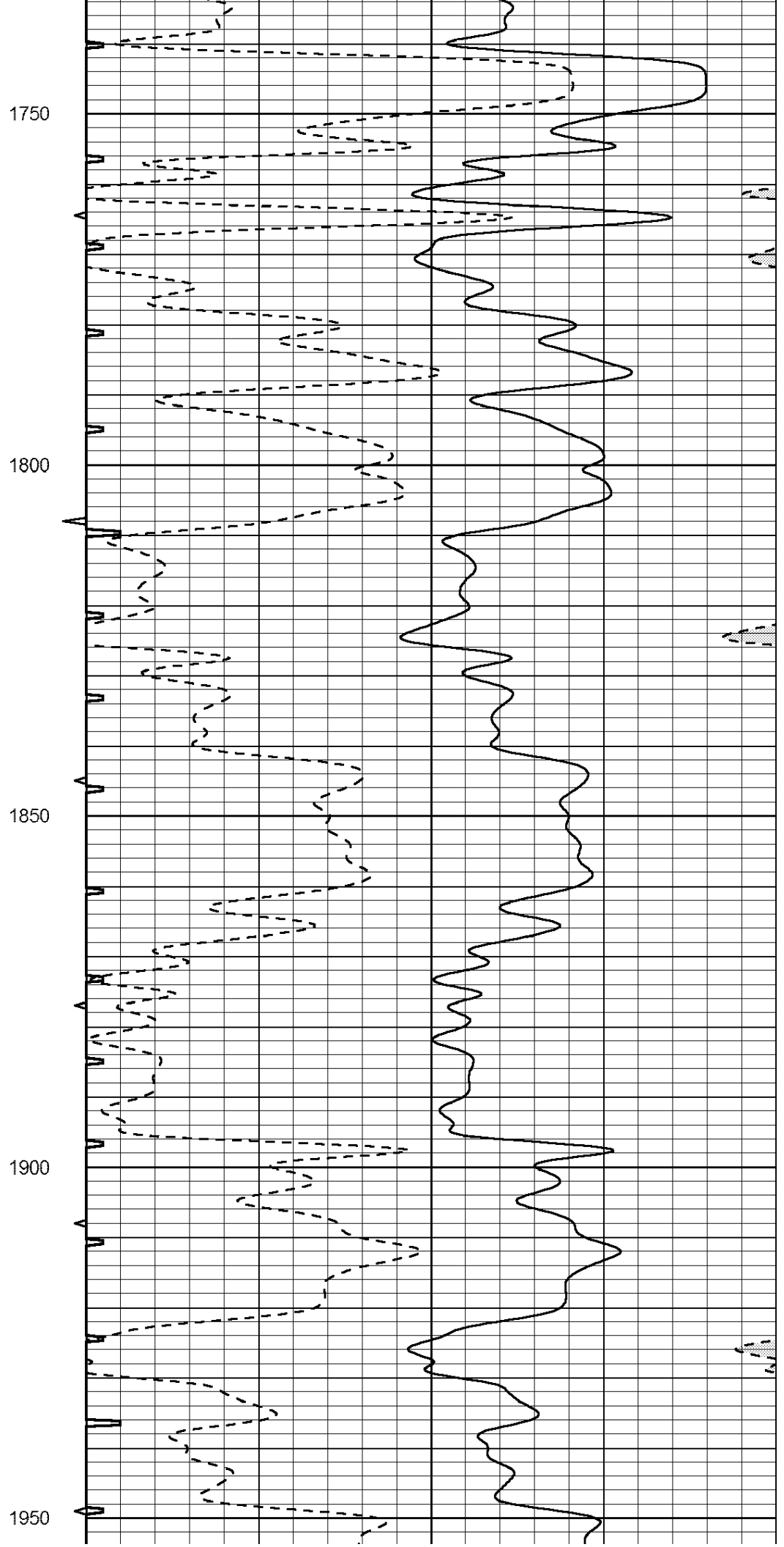
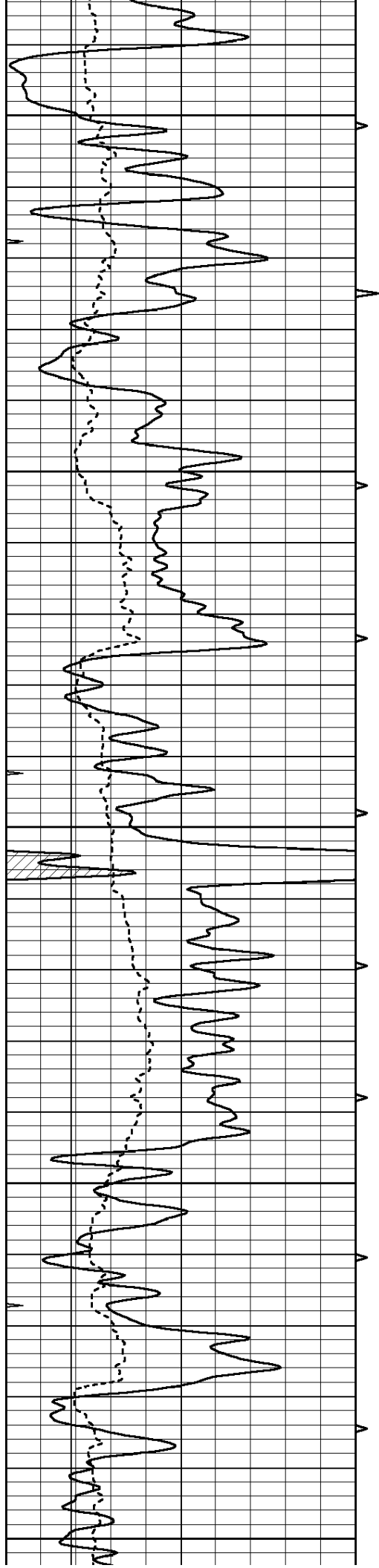
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)		40
6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)	
-----			-----				
0	MINMK	20	TBHV	0	ITT (msec)	20	
			0 (ft3)	10			

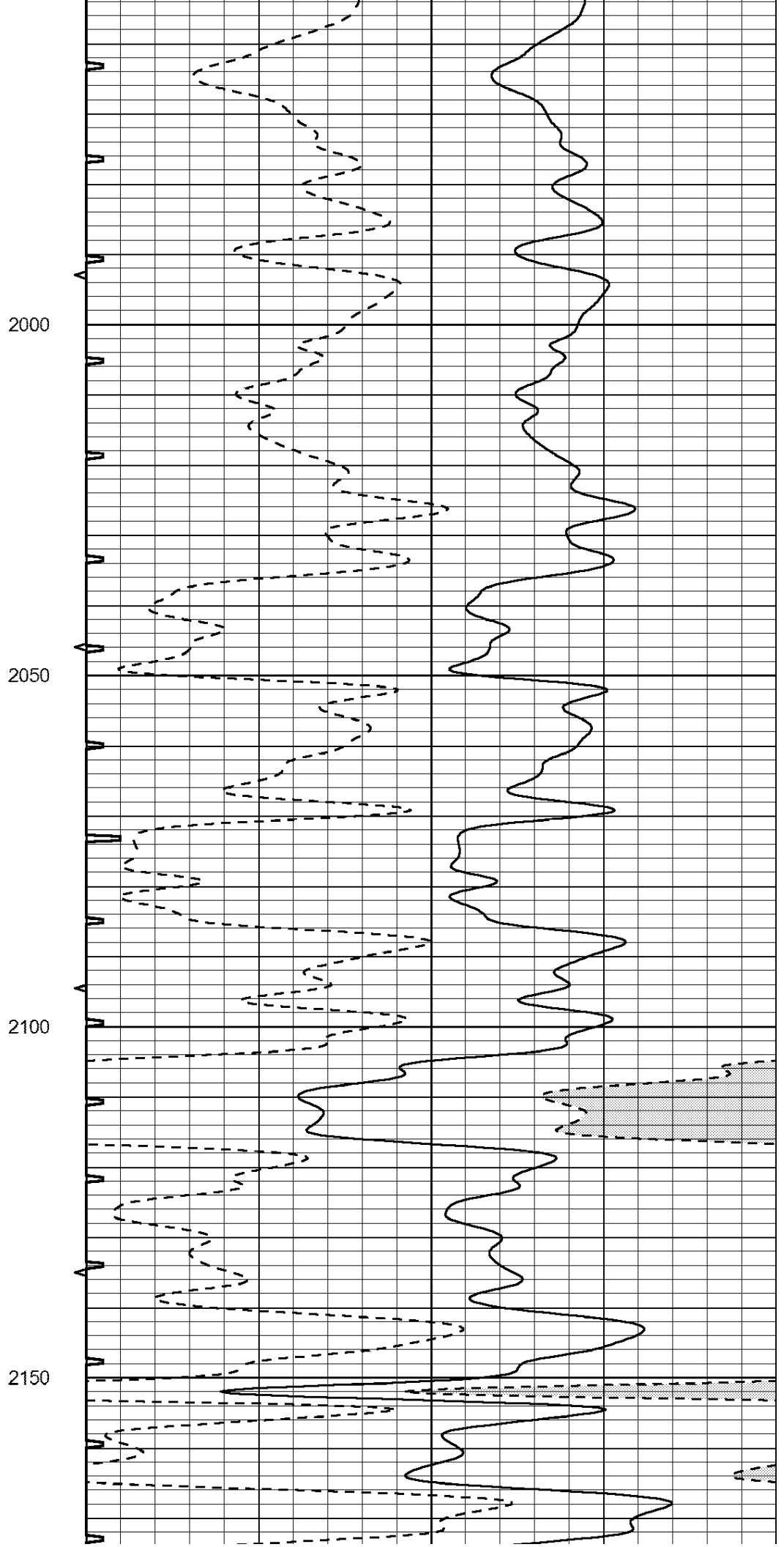
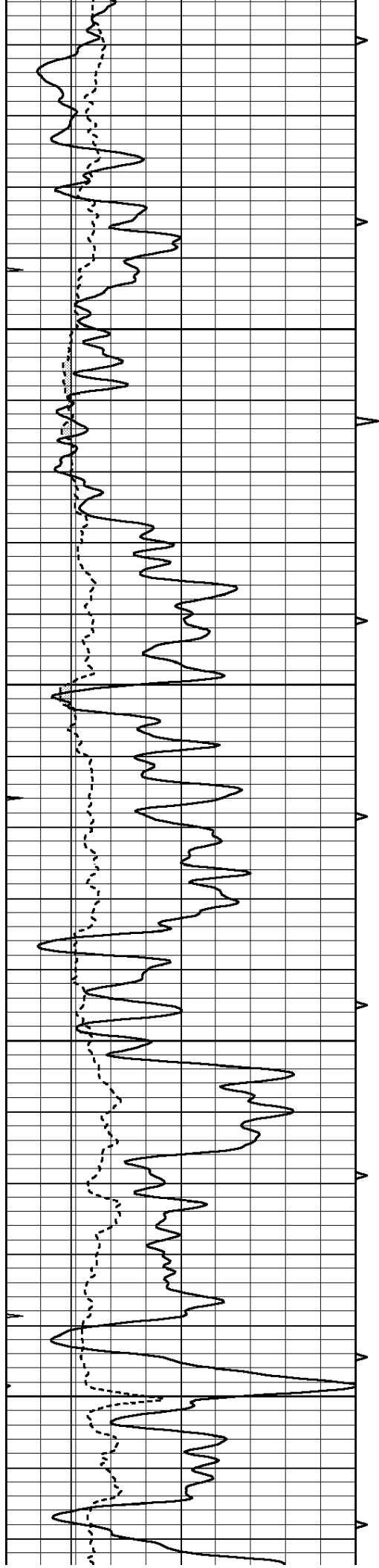


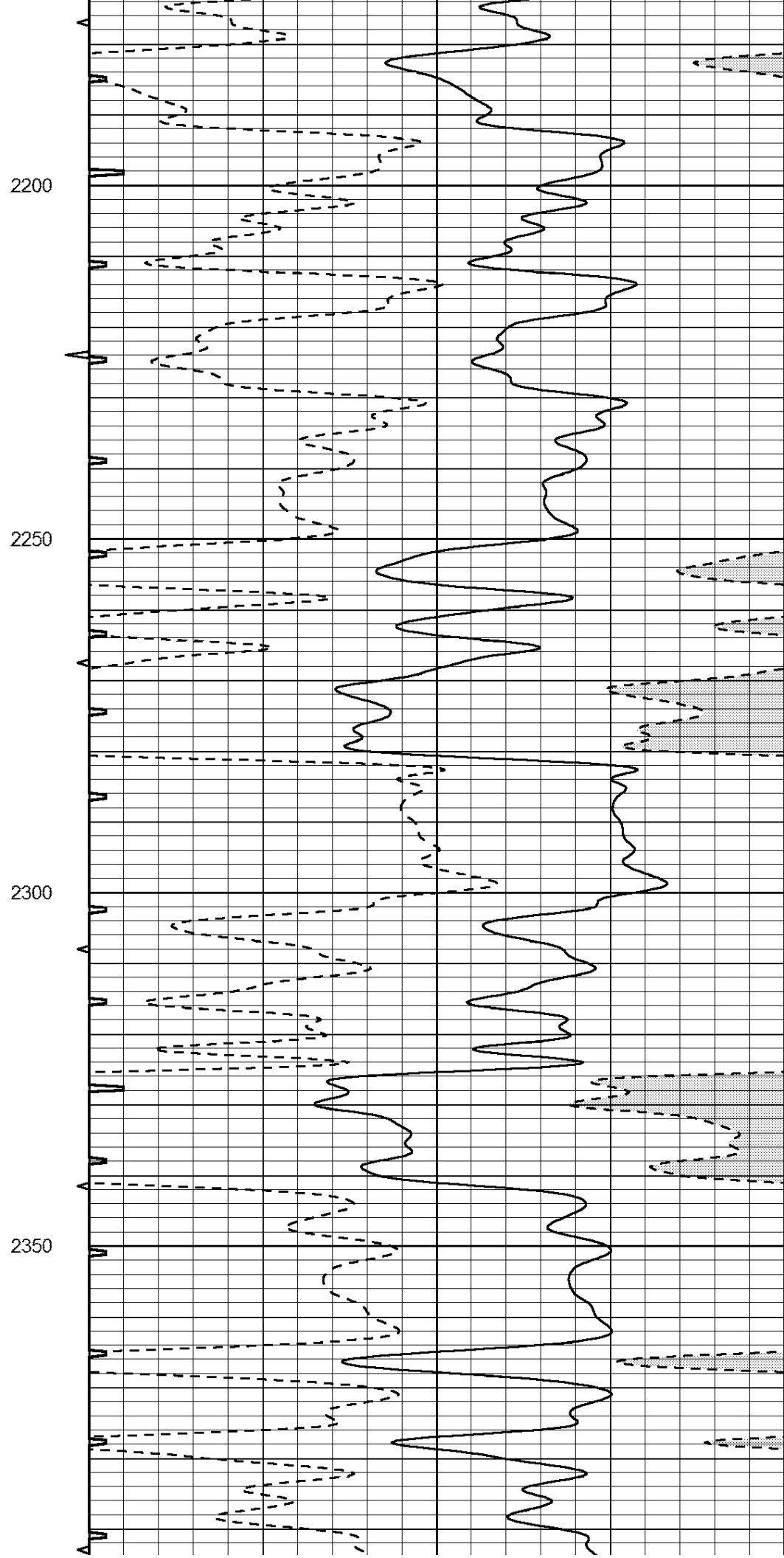
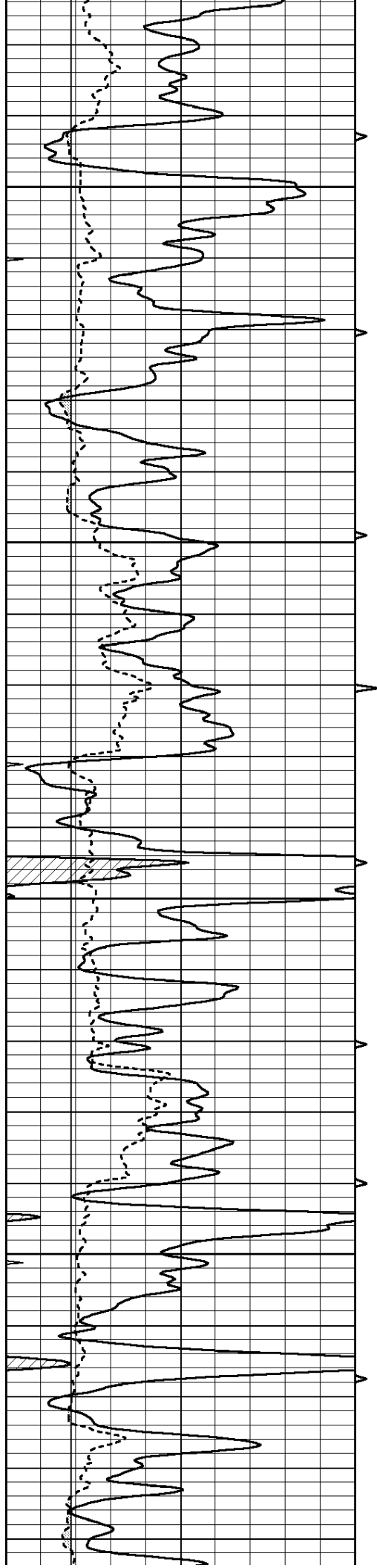


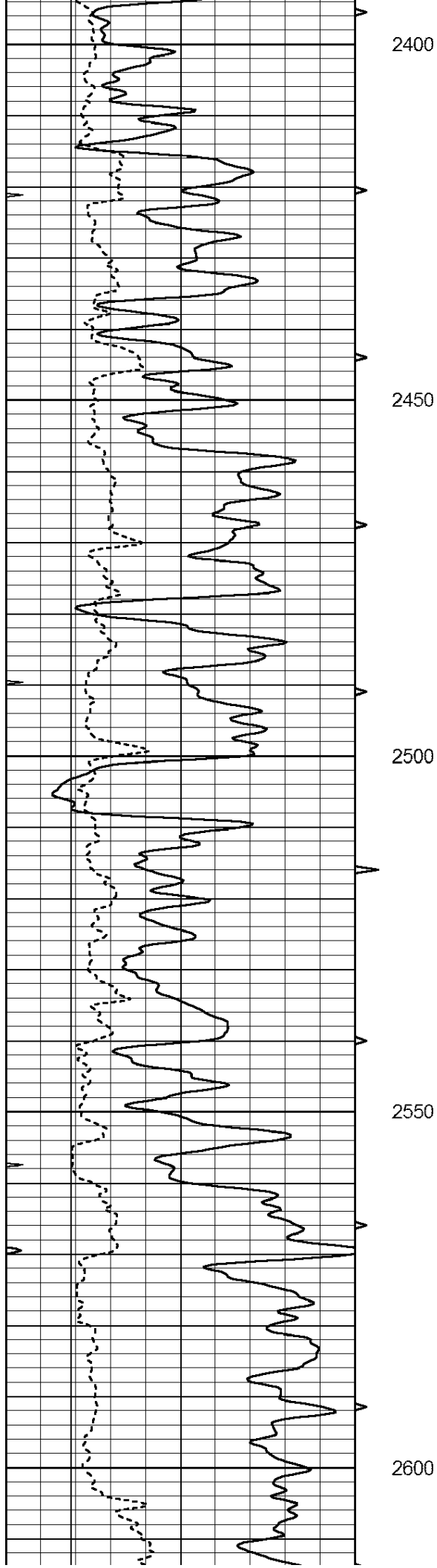












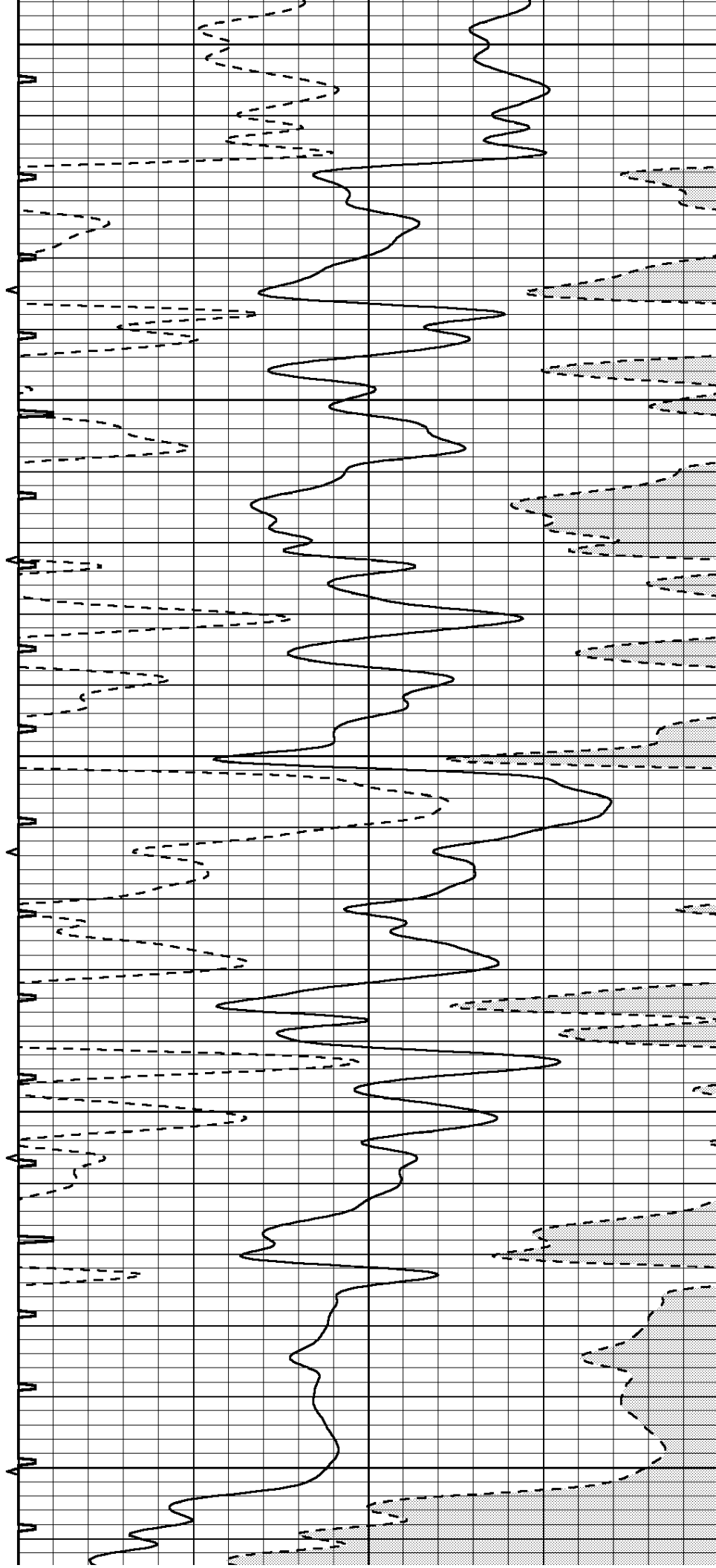
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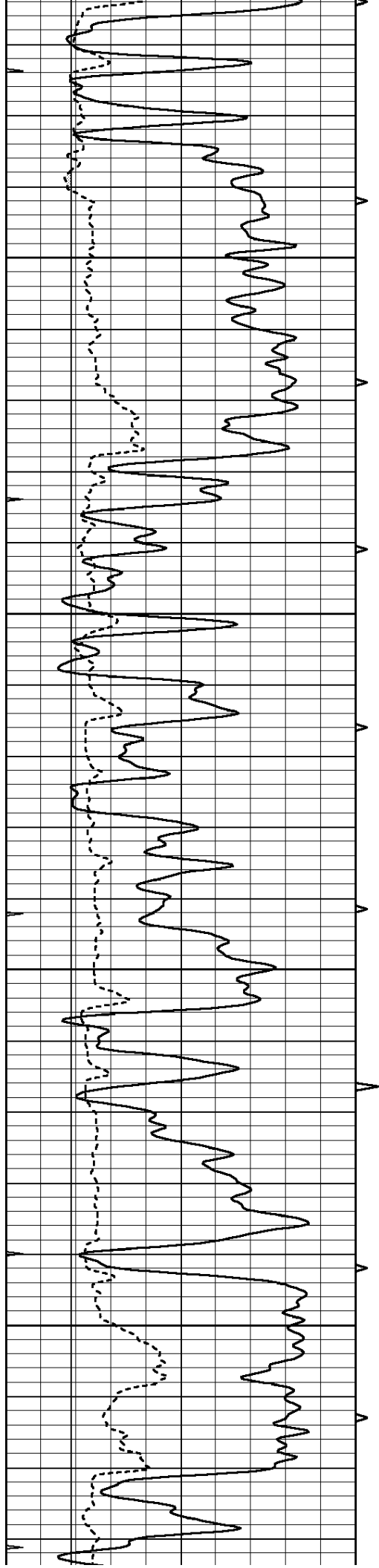
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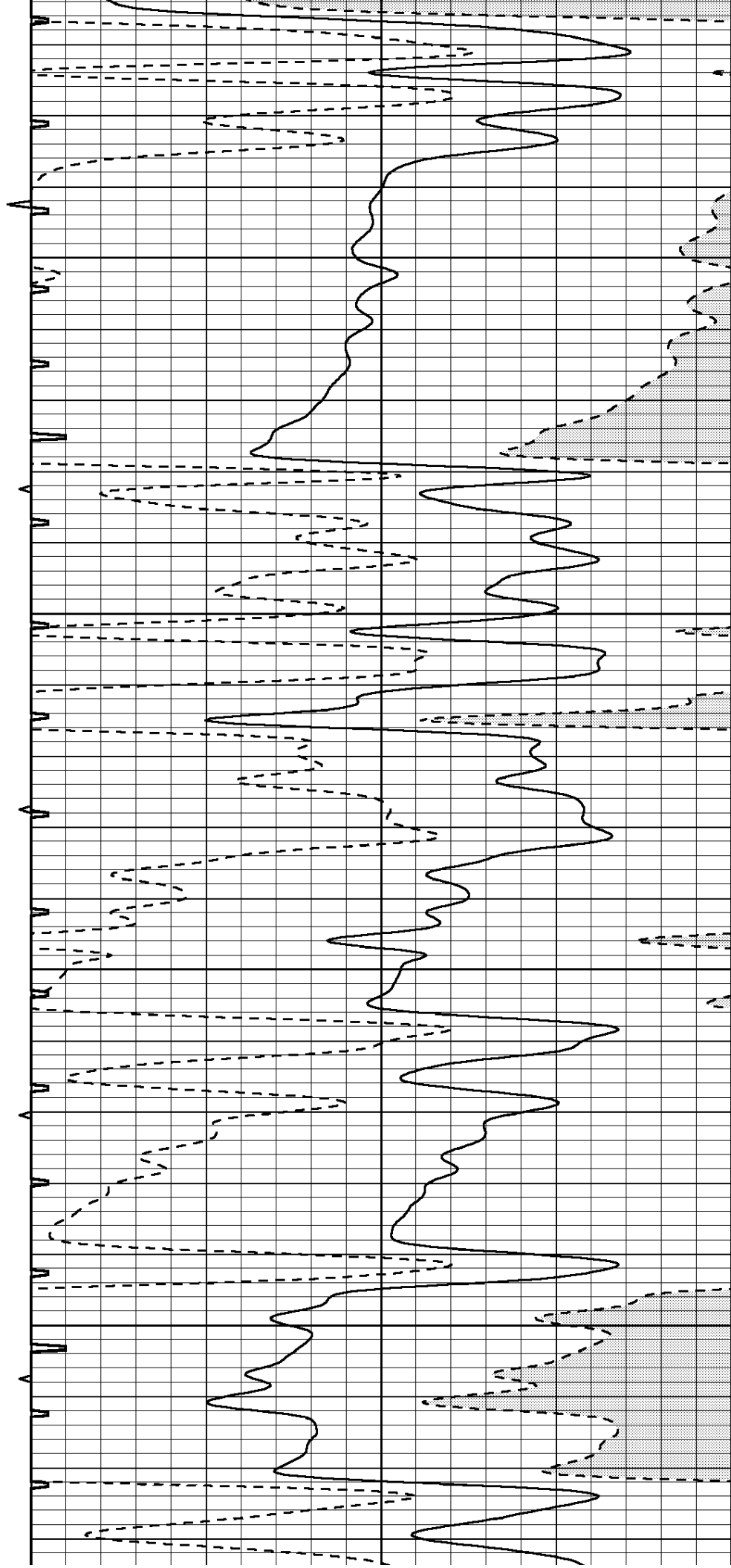


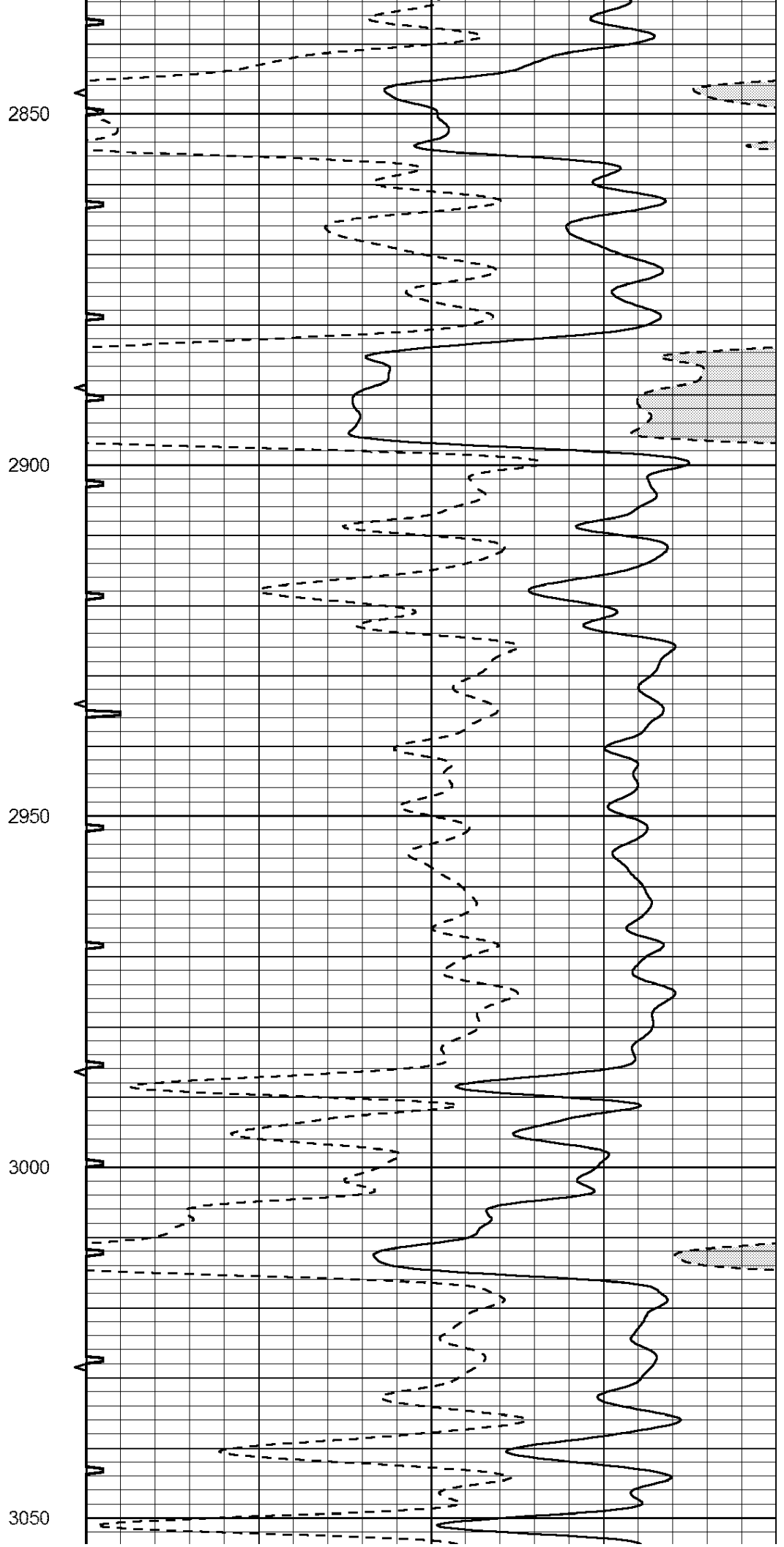
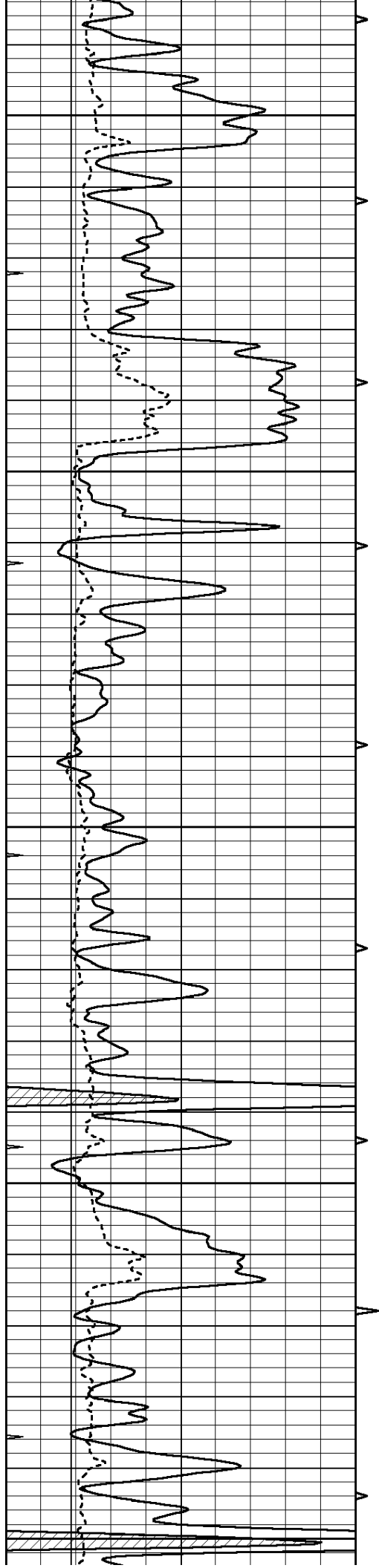
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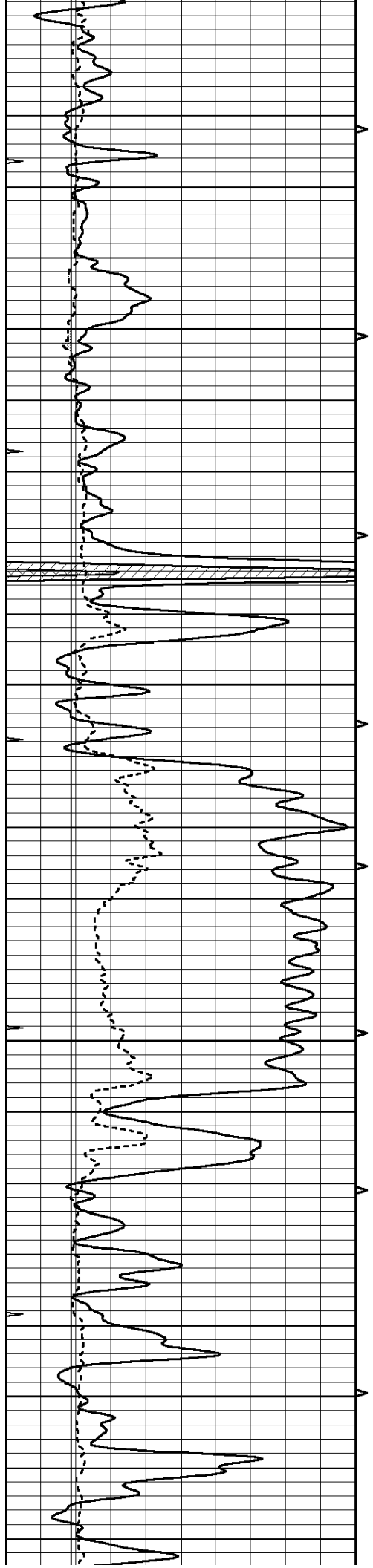
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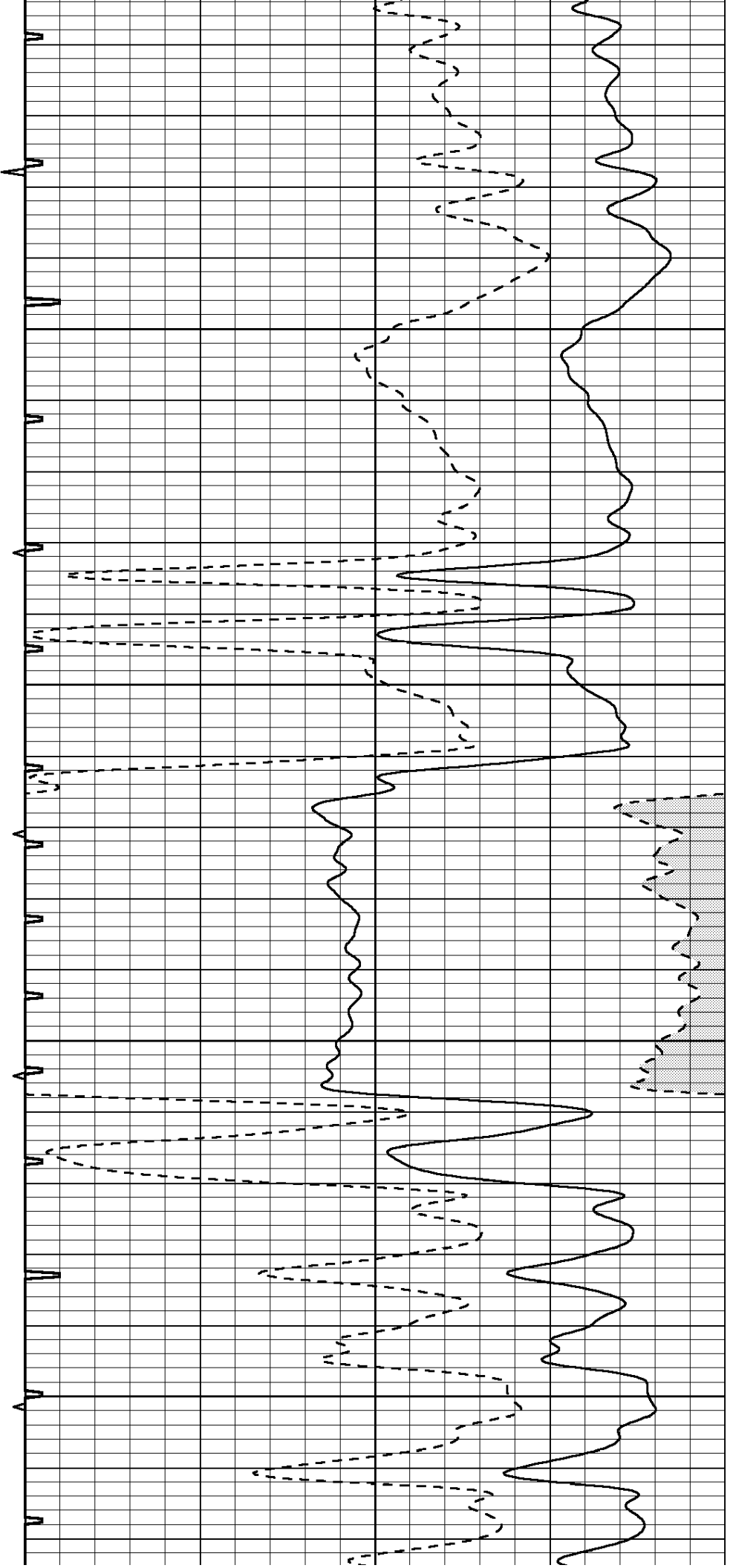


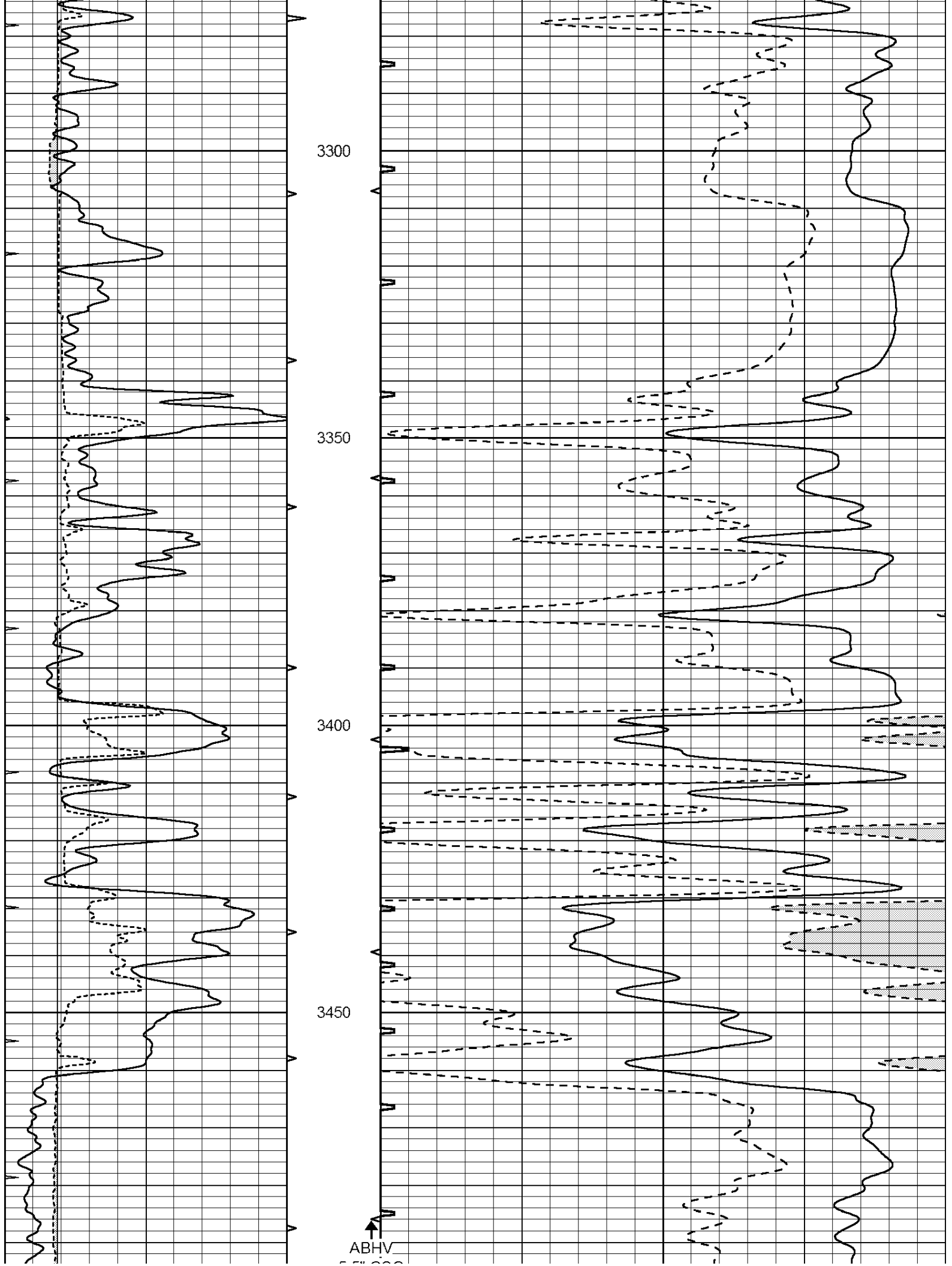
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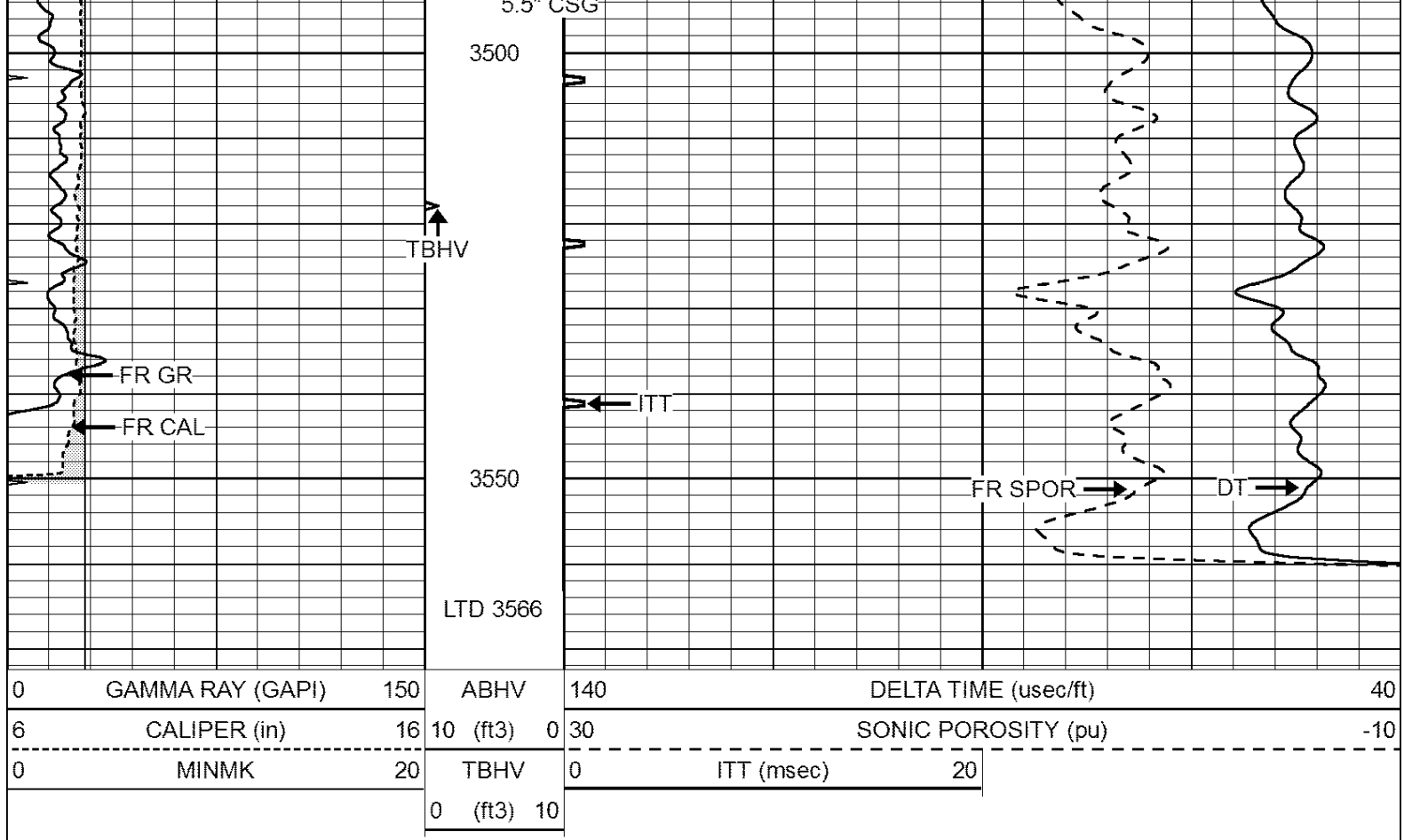
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REPEAT SECTION

Database File: 26550ddn.db
 Dataset Pathname: pass5.2
 Presentation Format: _slt
 Dataset Creation: Tue Apr 07 11:27:53 2015 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

