



SUPERIOR
Hays,
Kansas

SONIC LOG

Company EMPIRE ENERGY E&P, LLC.
Well WOKATY #7
Field MAX
County STAFFORD
State KANSAS

Company EMPIRE ENERGY E&P, LLC.
Well WOKATY #7
Field MAX
County STAFFORD State KANSAS

Location: 2300' FNL & 1300' FVL
NE - SE - SW - NW
APL # : 15-185-23701-0000
SEC 12 TWP 22S RGE 12W
Permanent Datum GROUND LEVEL Elevation 1822
Log Measured From KELLY BUSHING 11' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL/PE
DIL/MEL
Elevation
K.B. 1833
D.F. 1831
G.L. 1822

Date	10/28/11		
Run Number	TWO		
Depth Driller	3700		
Depth Logger	3702		
Bottom Logged Interval	3692		
Top Log Interval	570		
Casing Driller	8 5/8" @ 598		
Casing Logger	610		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6100 PPM	
Density / Viscosity	9.4/52		
pH / Fluid Loss	10.5/9.6		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	.85 @ 79F		
Rmf @ Meas. Temp	.63 @ 79F		
Rmc @ Meas. Temp	1.02 @ 79F		
Source of Rmf / Rmc	MEASURED		
Rin @ BHT	.59 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	113F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	JOSH AUSTIN	RICK POPP	

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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
GREAT BEND, KS. - S. ON 281 TO HWY 19 - 8 E. TO STAFFORD BLKTOP
1/4 S. - E. INTO

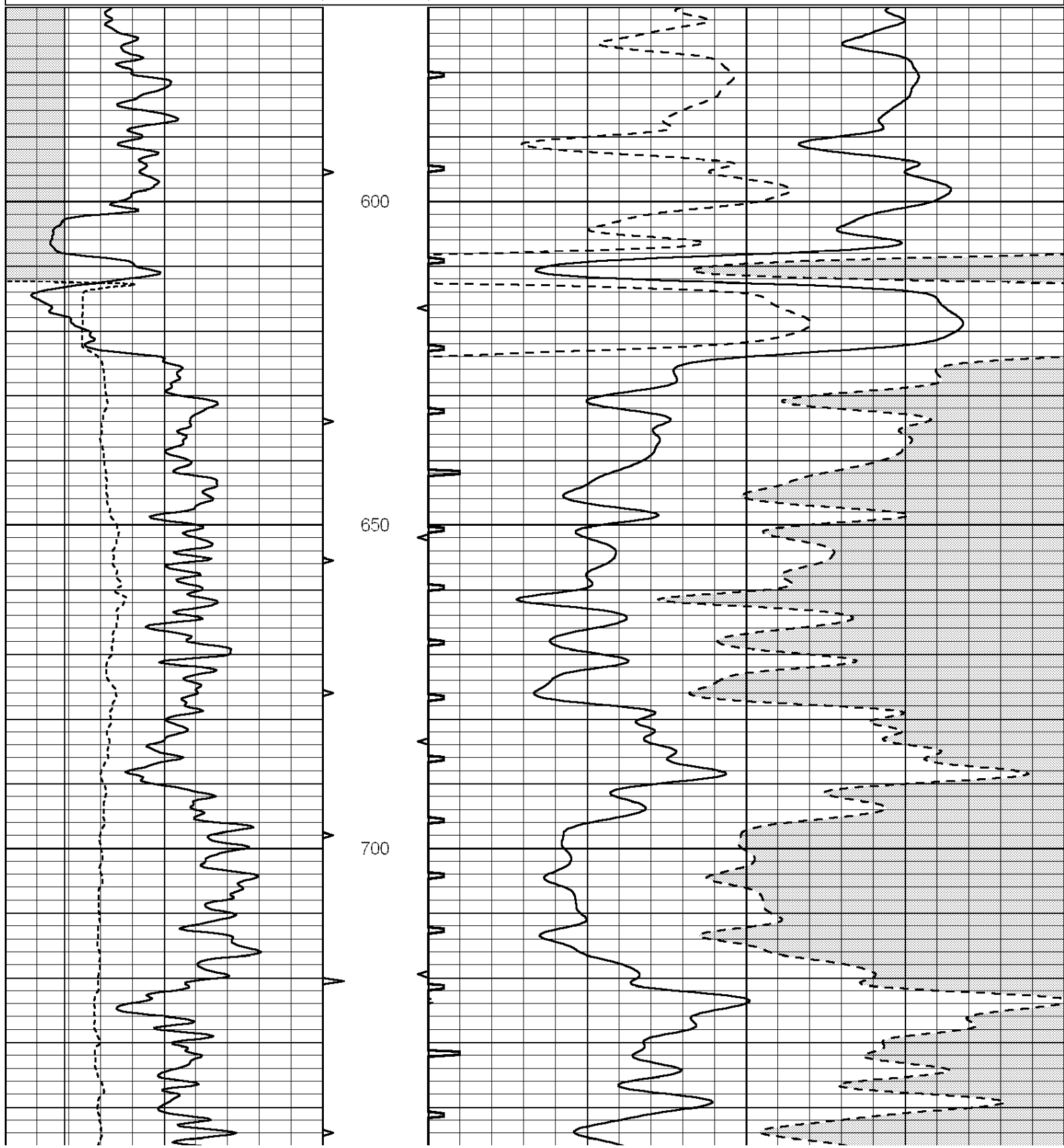


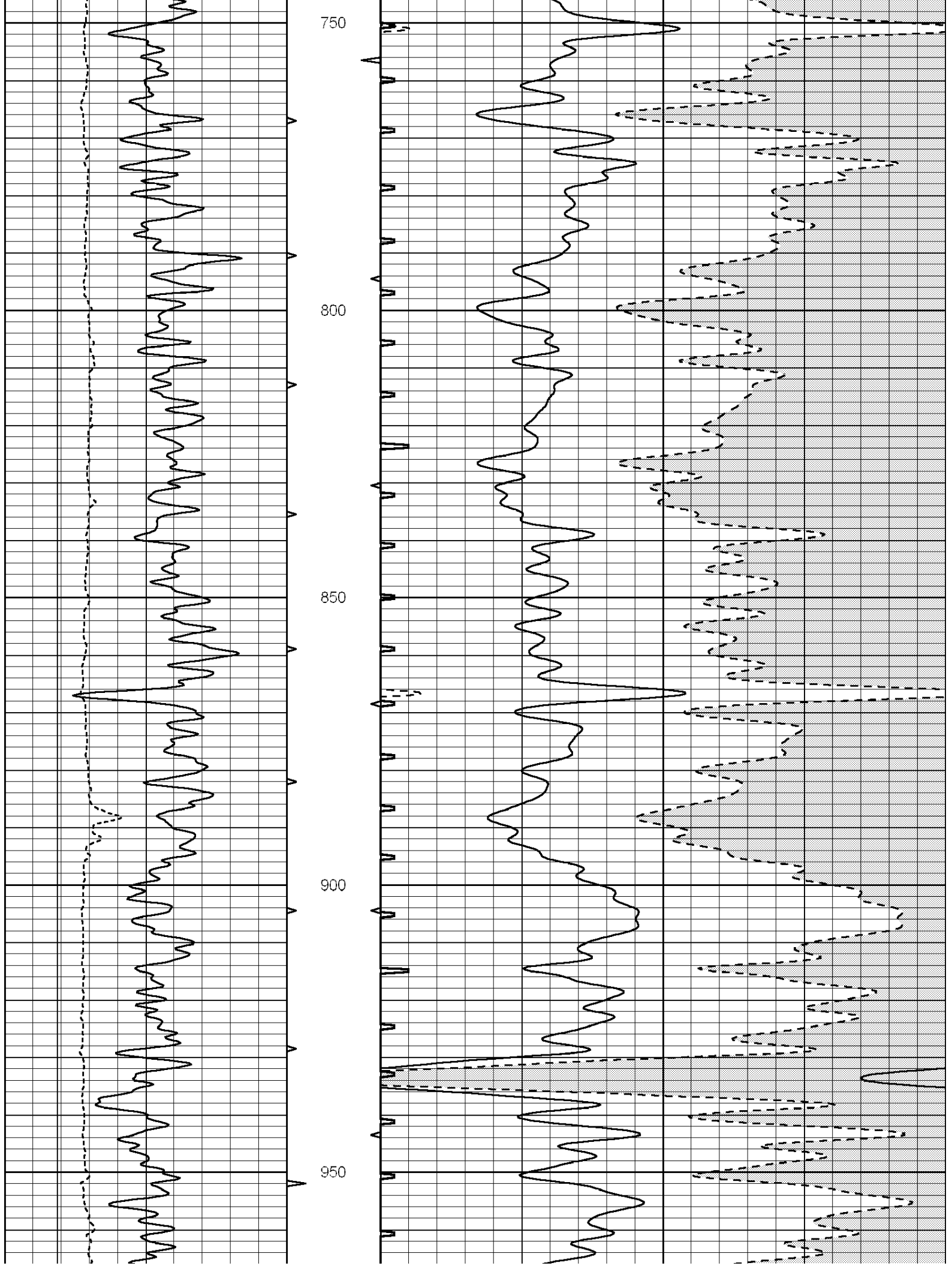
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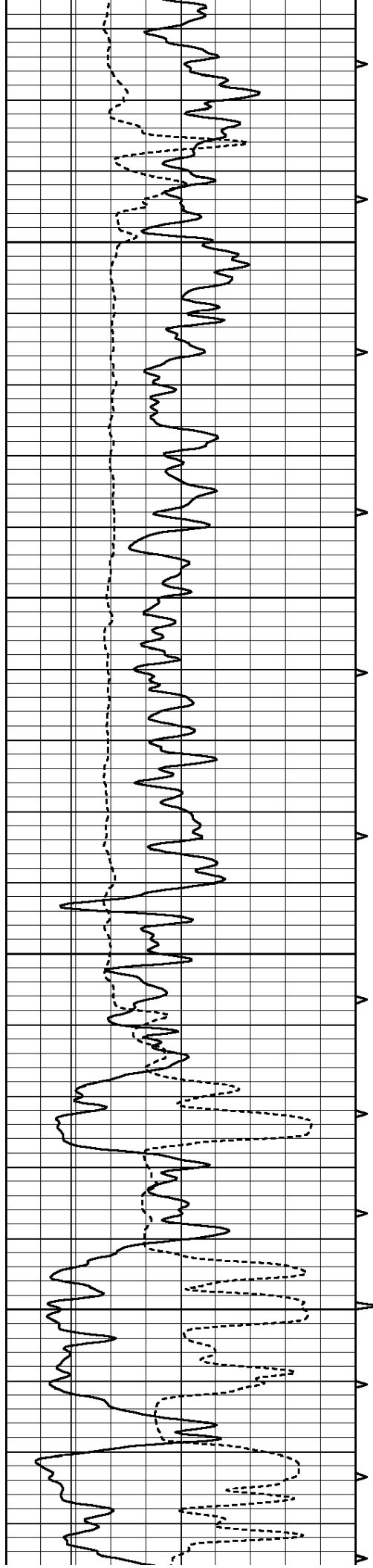
MAIN SECTION

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Dataset Pathname: pass6.2
Presentation Format: _slt
Dataset Creation: Sat Oct 29 02:20:04 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	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
			TBHV	0	ITT (msec)	20
			0 (ft3) 10			





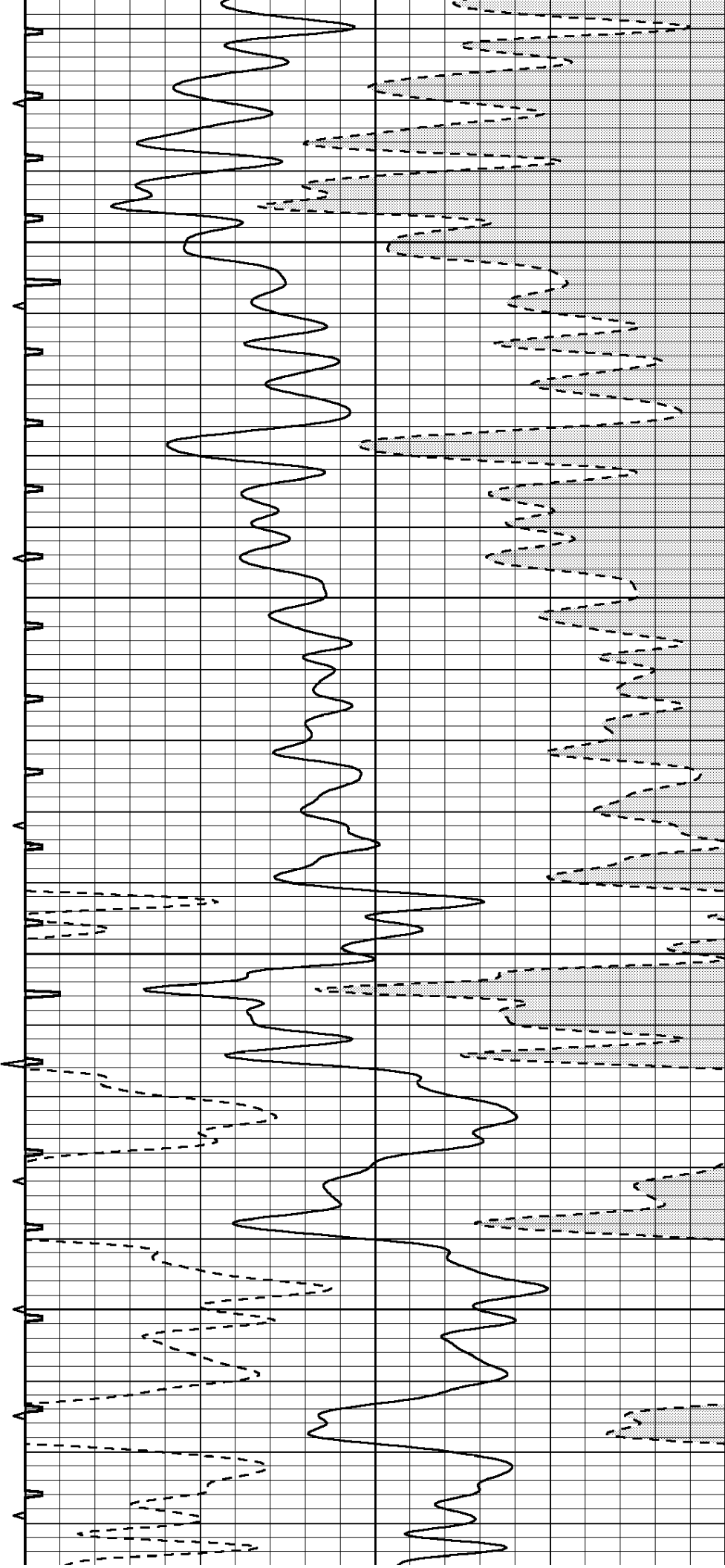


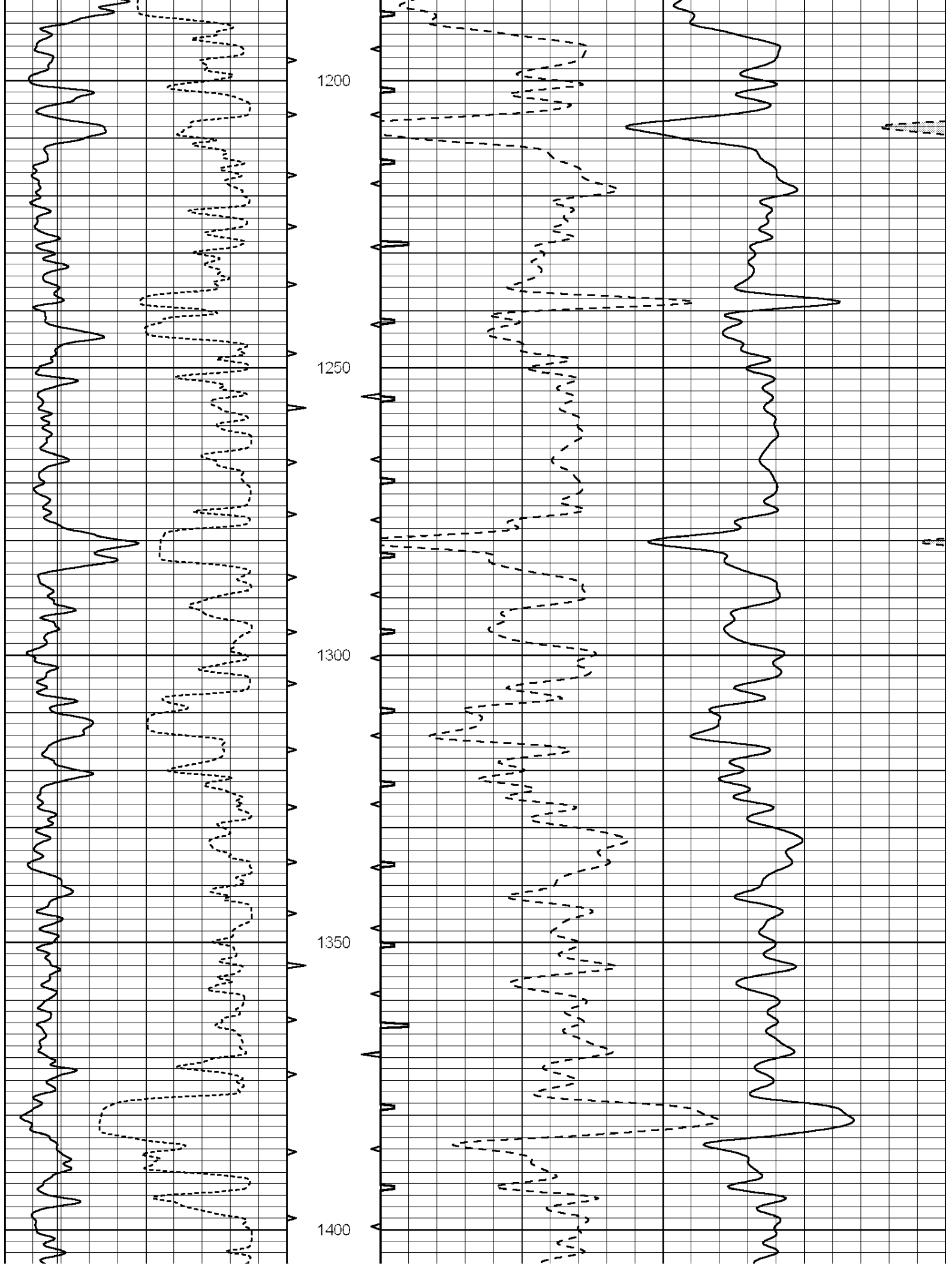
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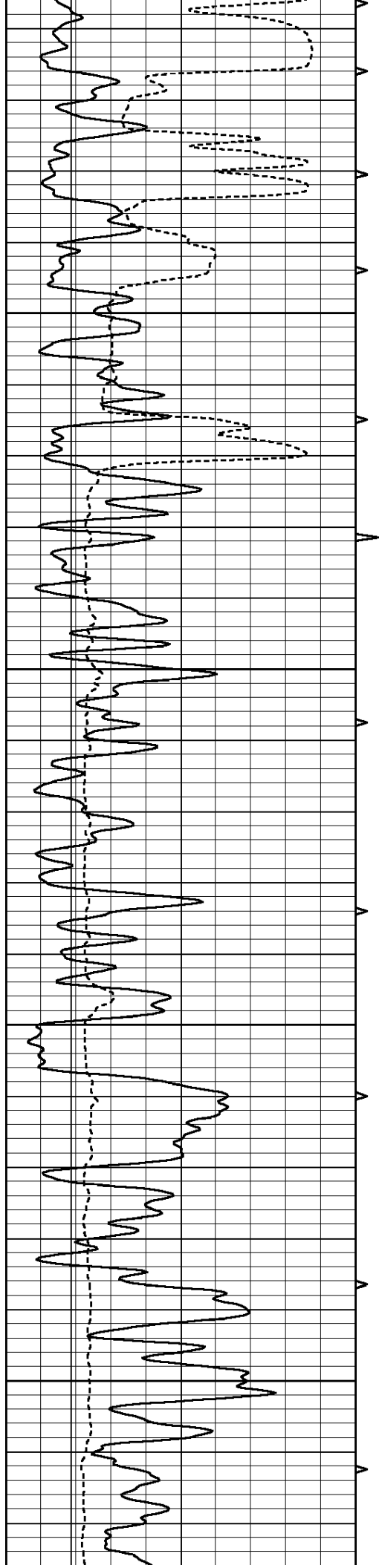
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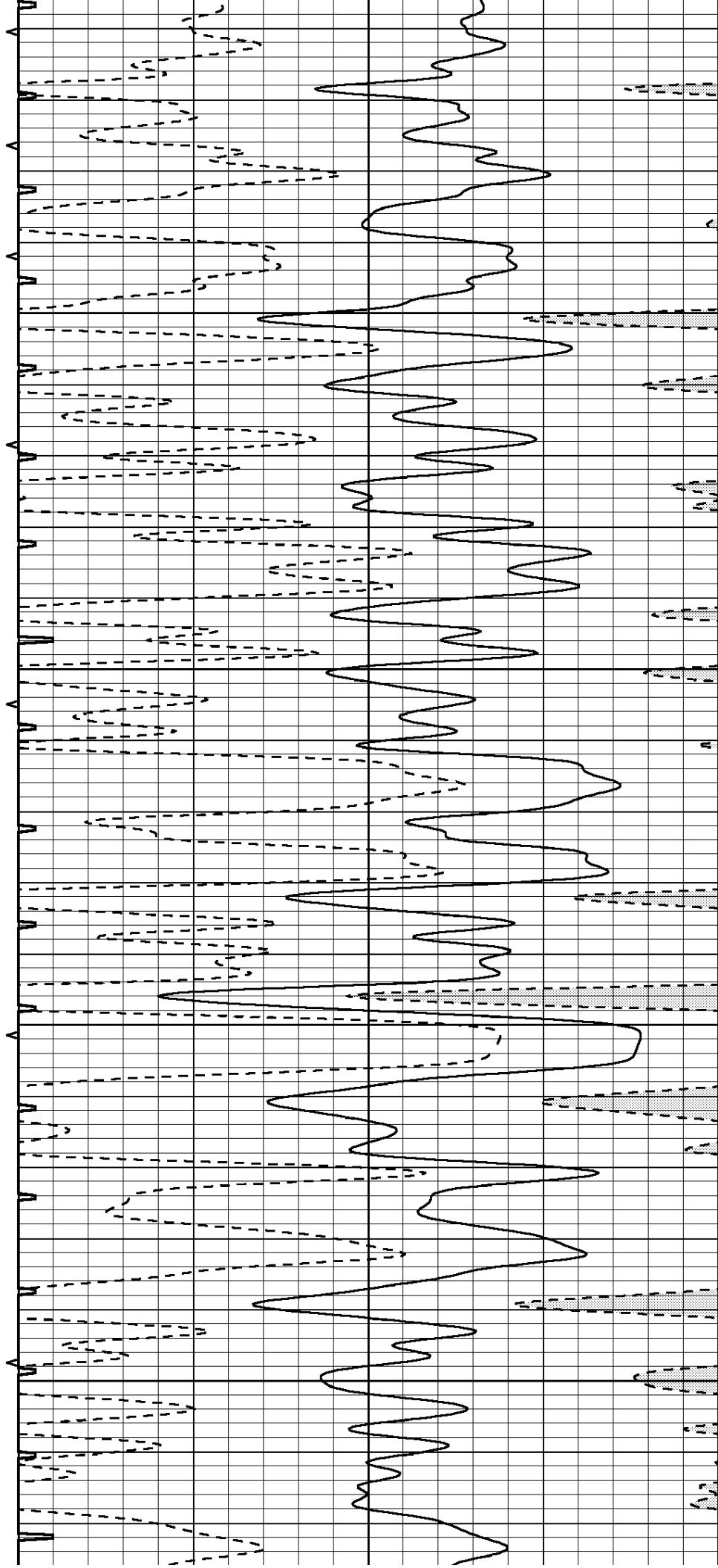


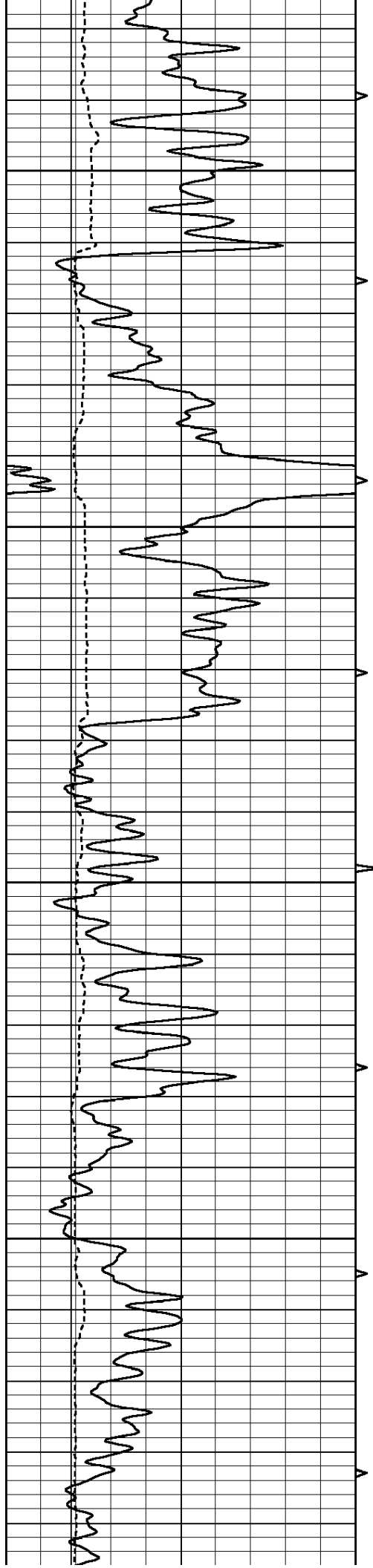
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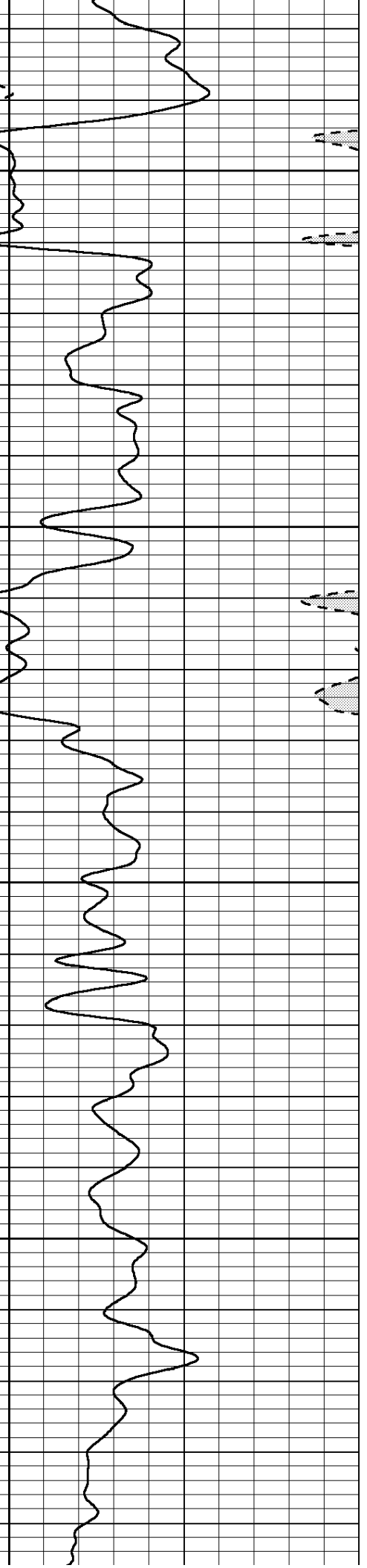
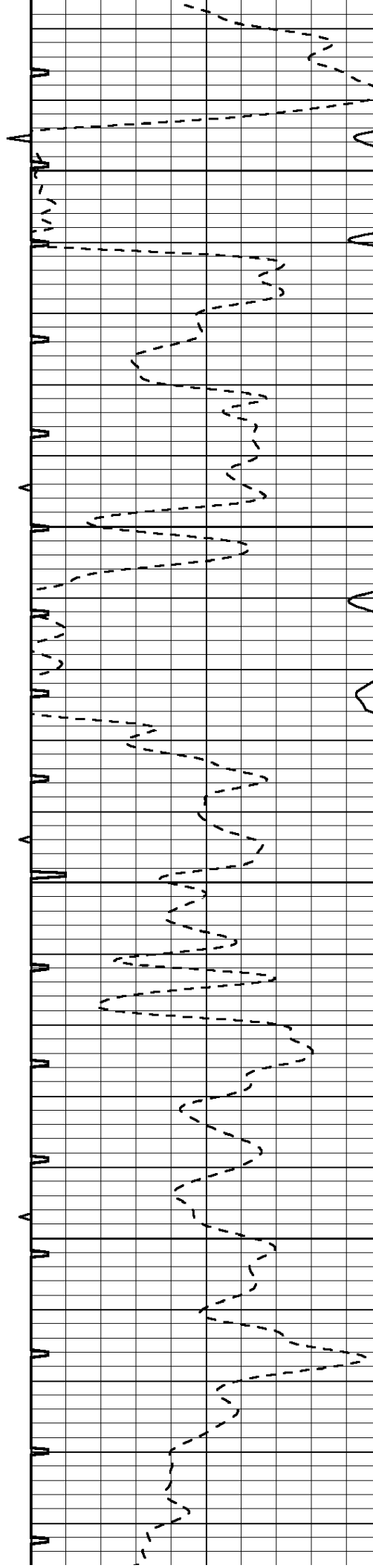


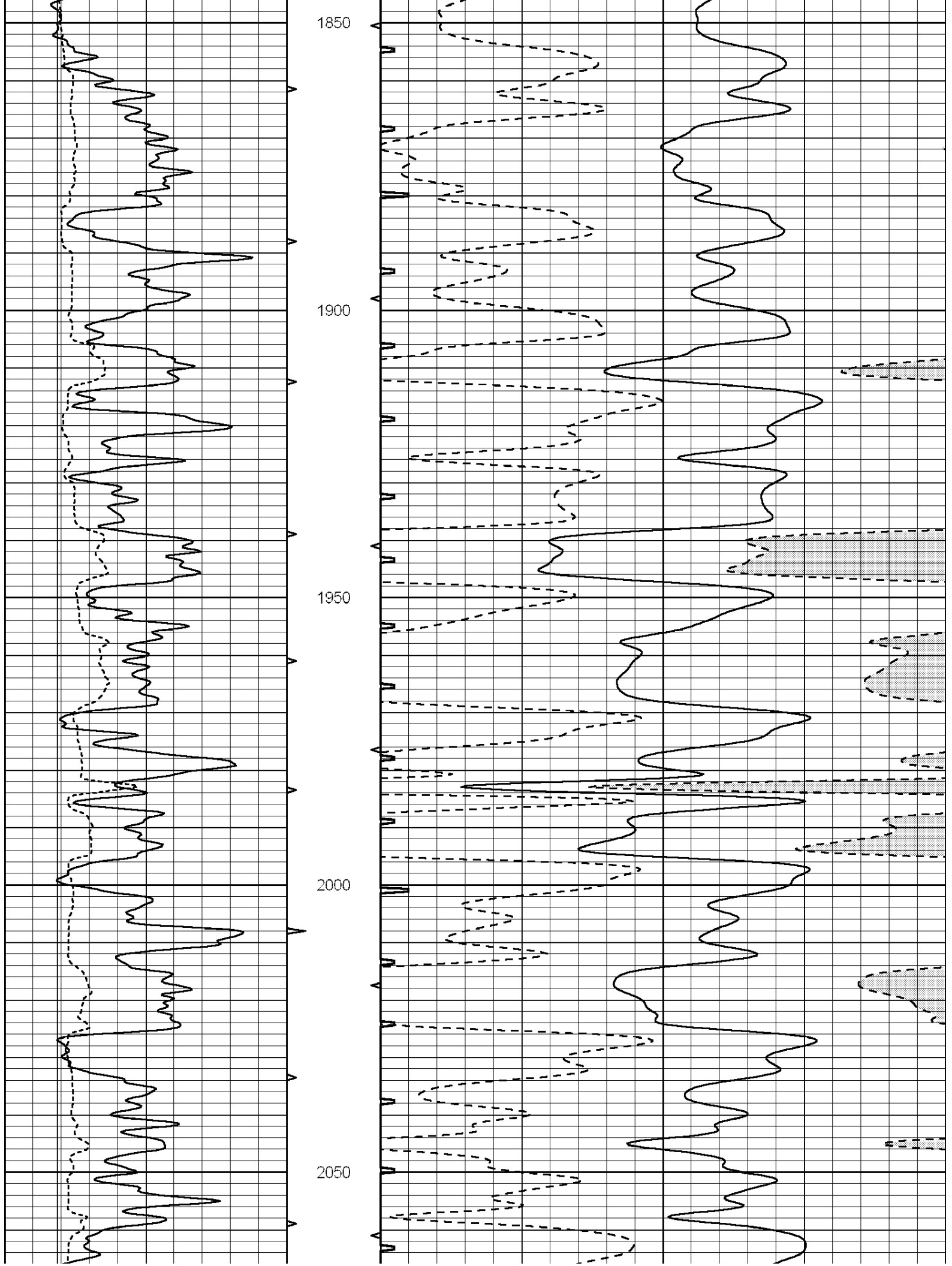
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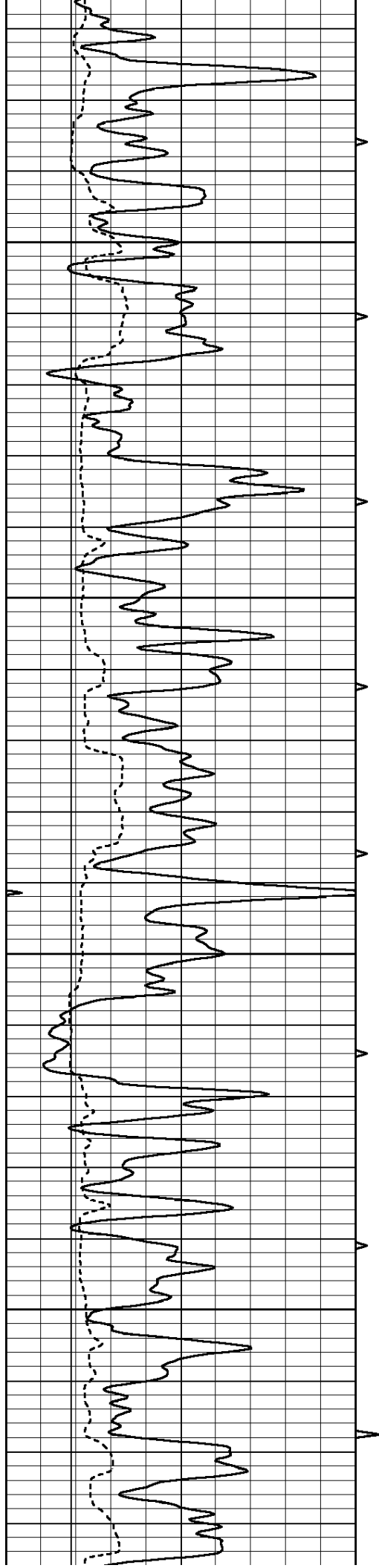
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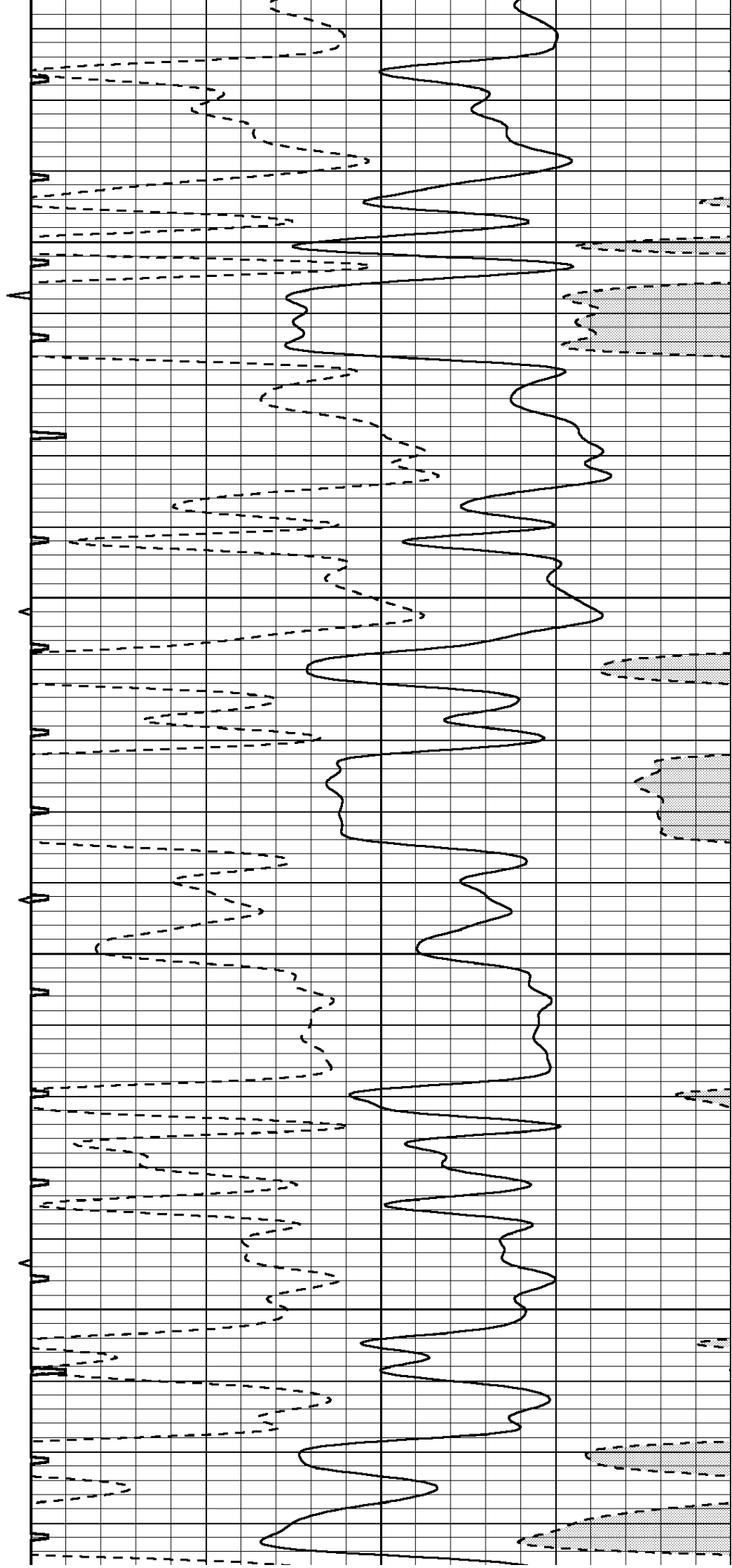


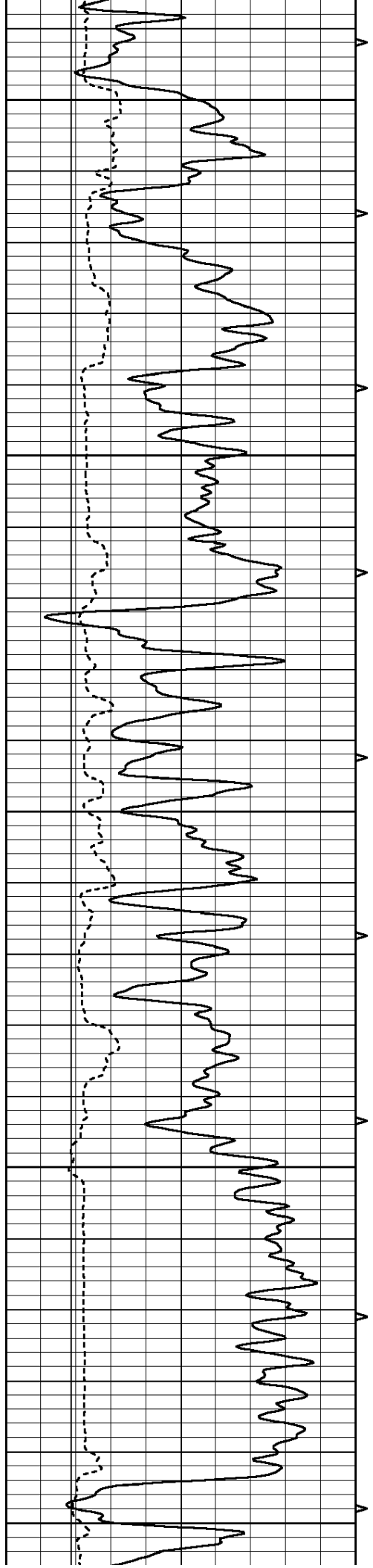
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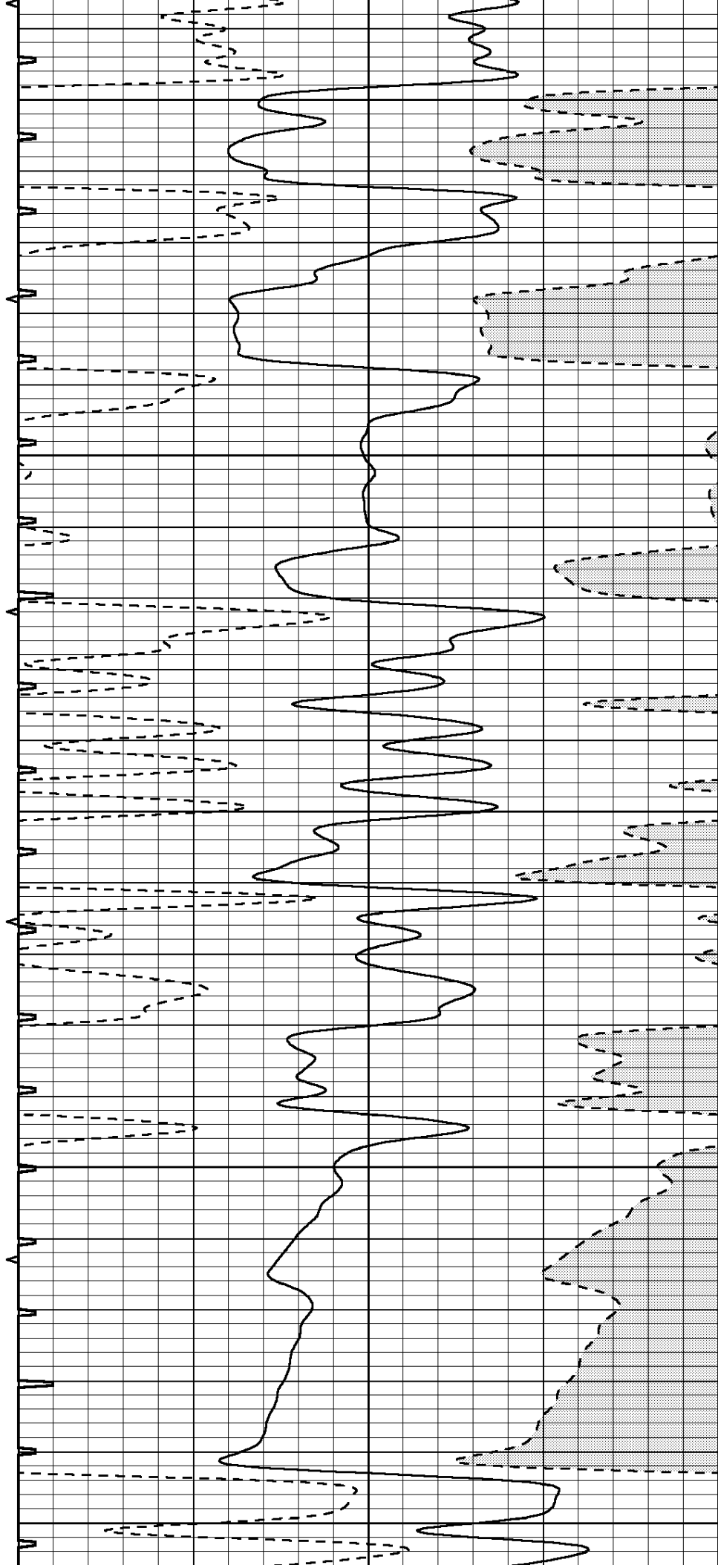
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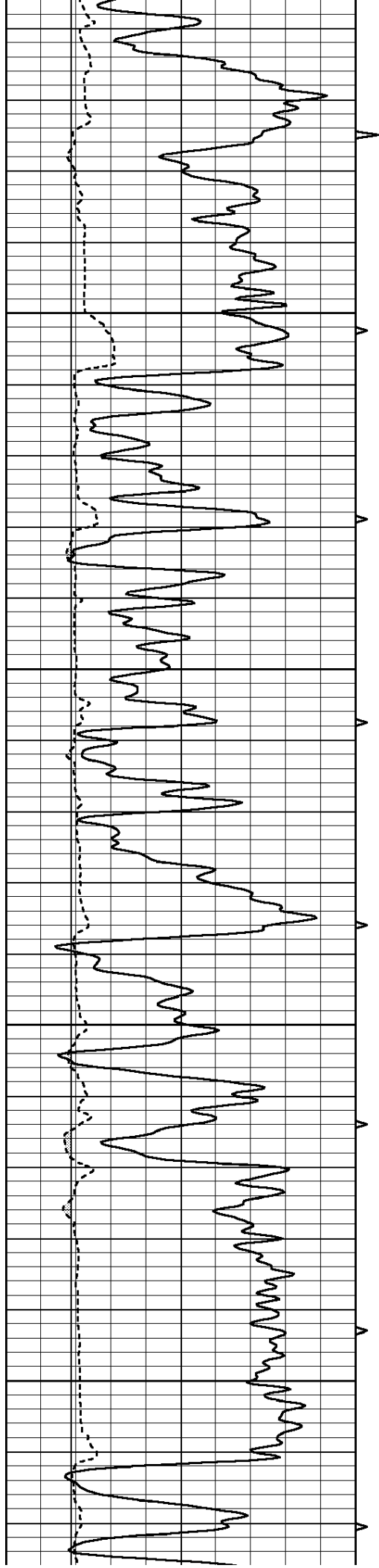
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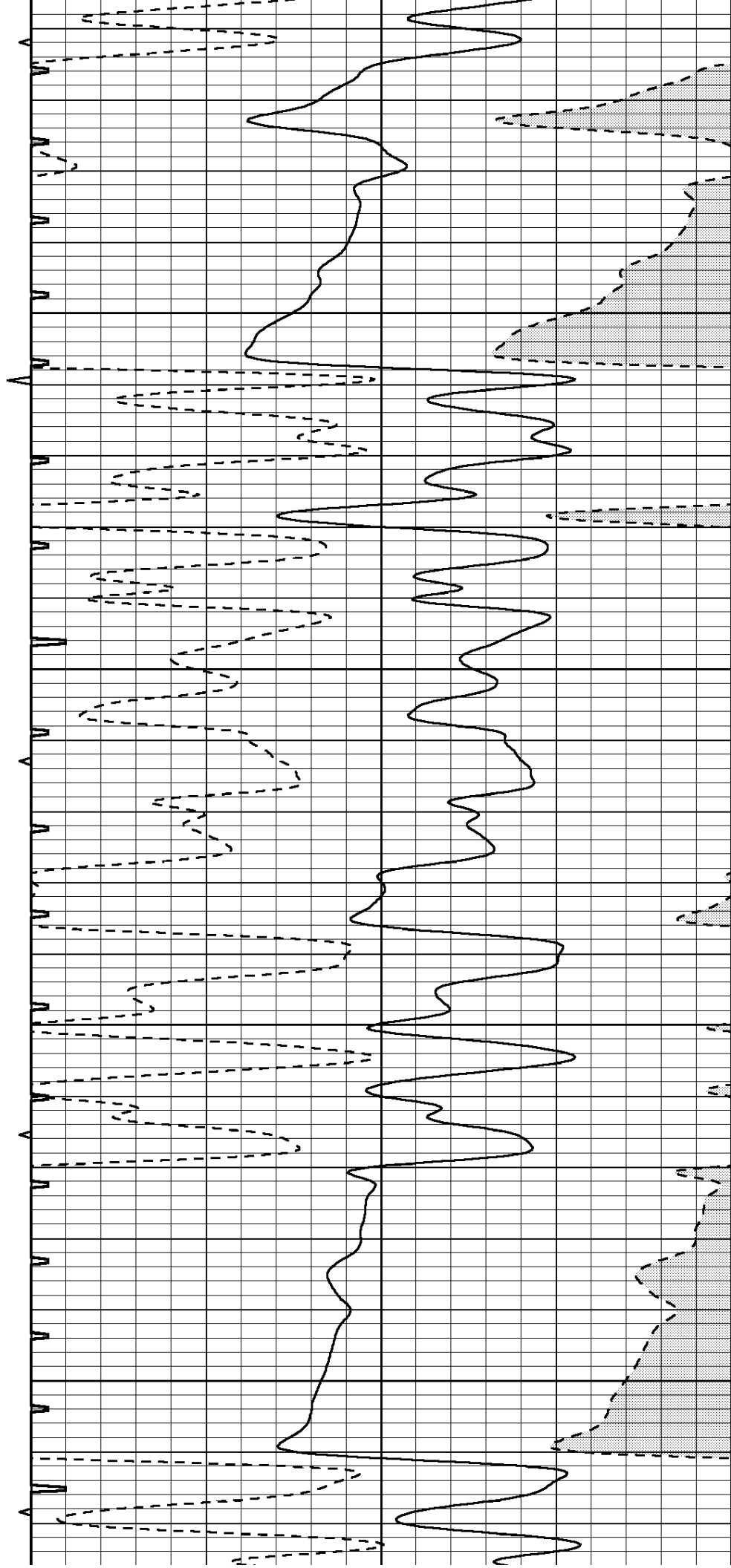


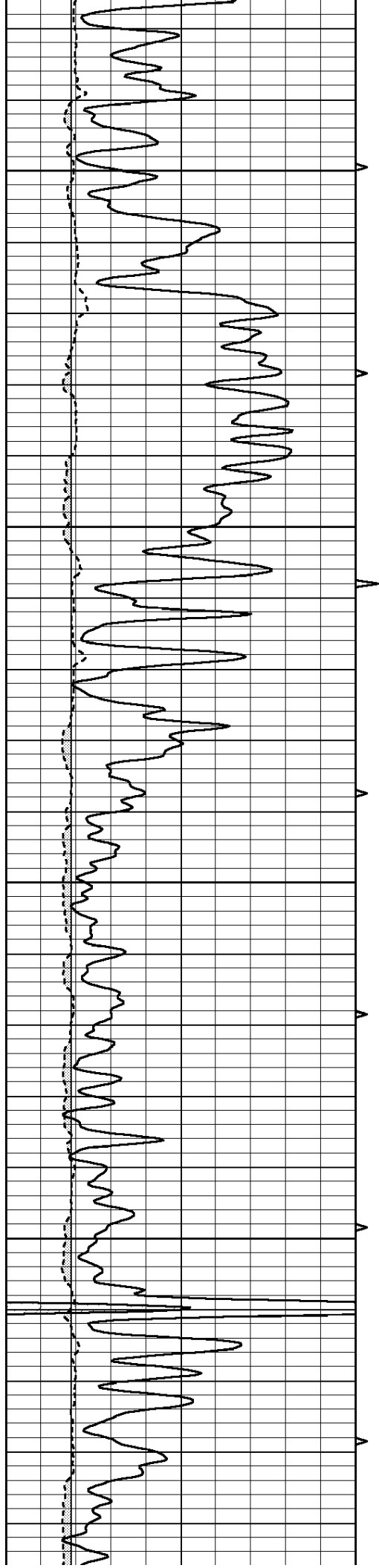
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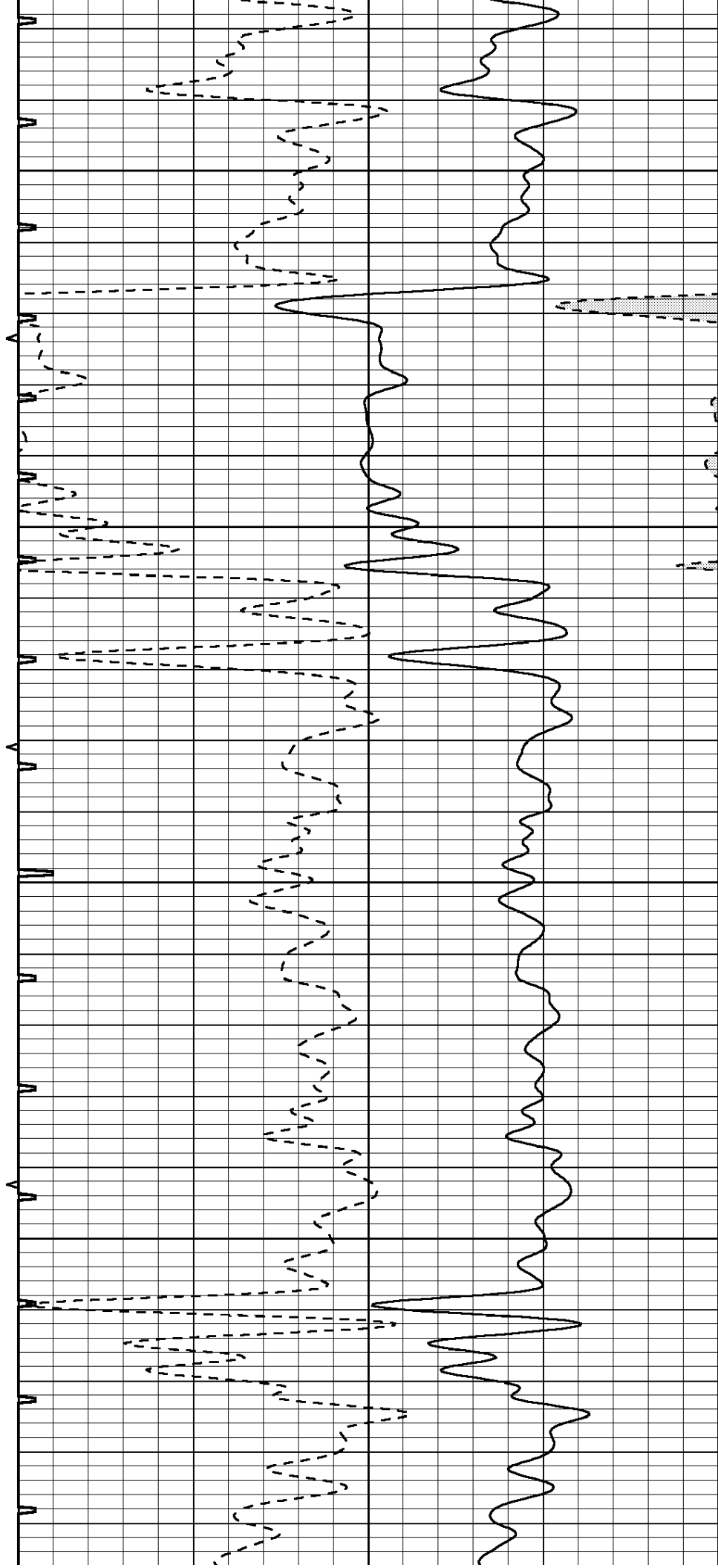


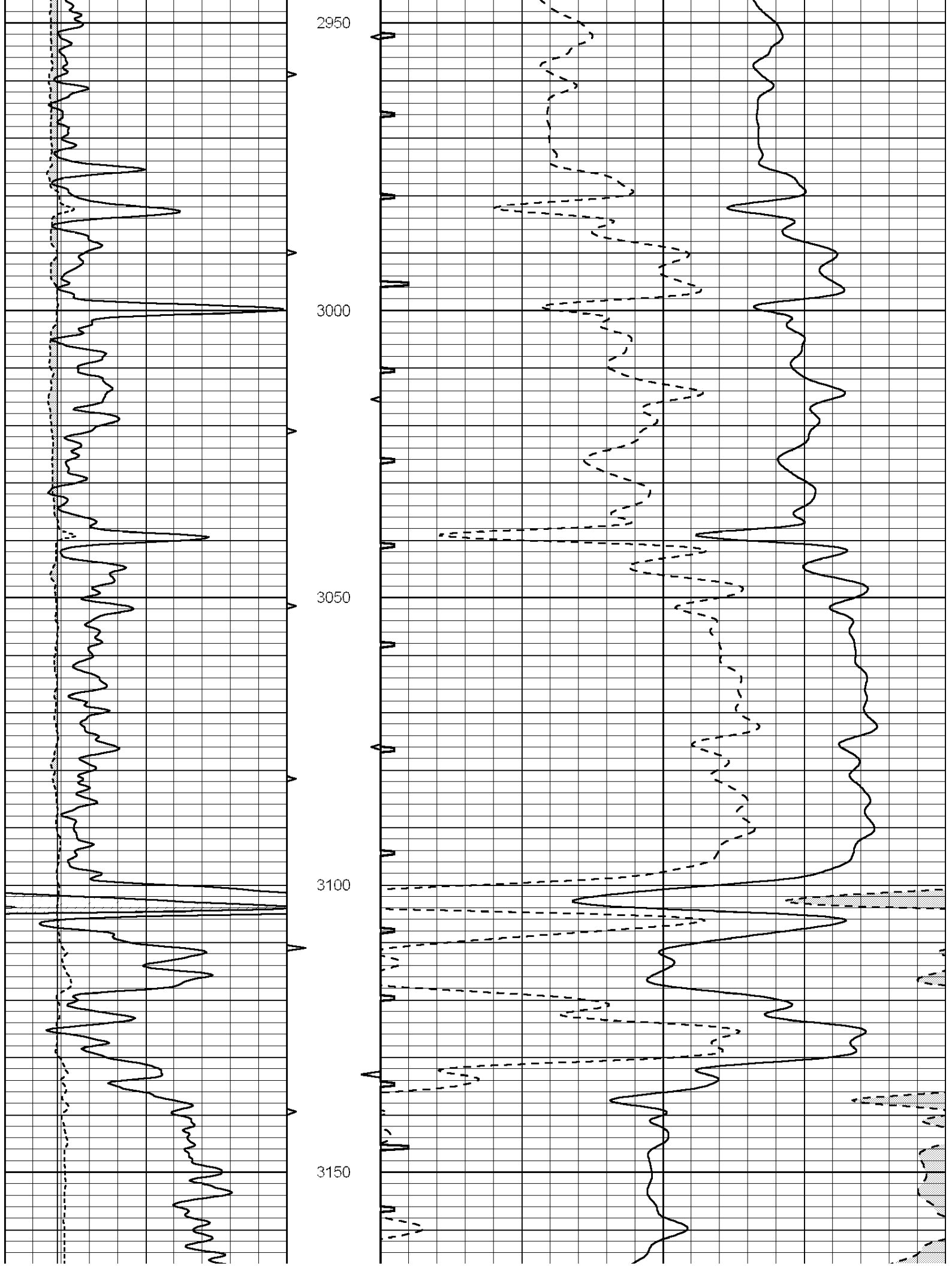
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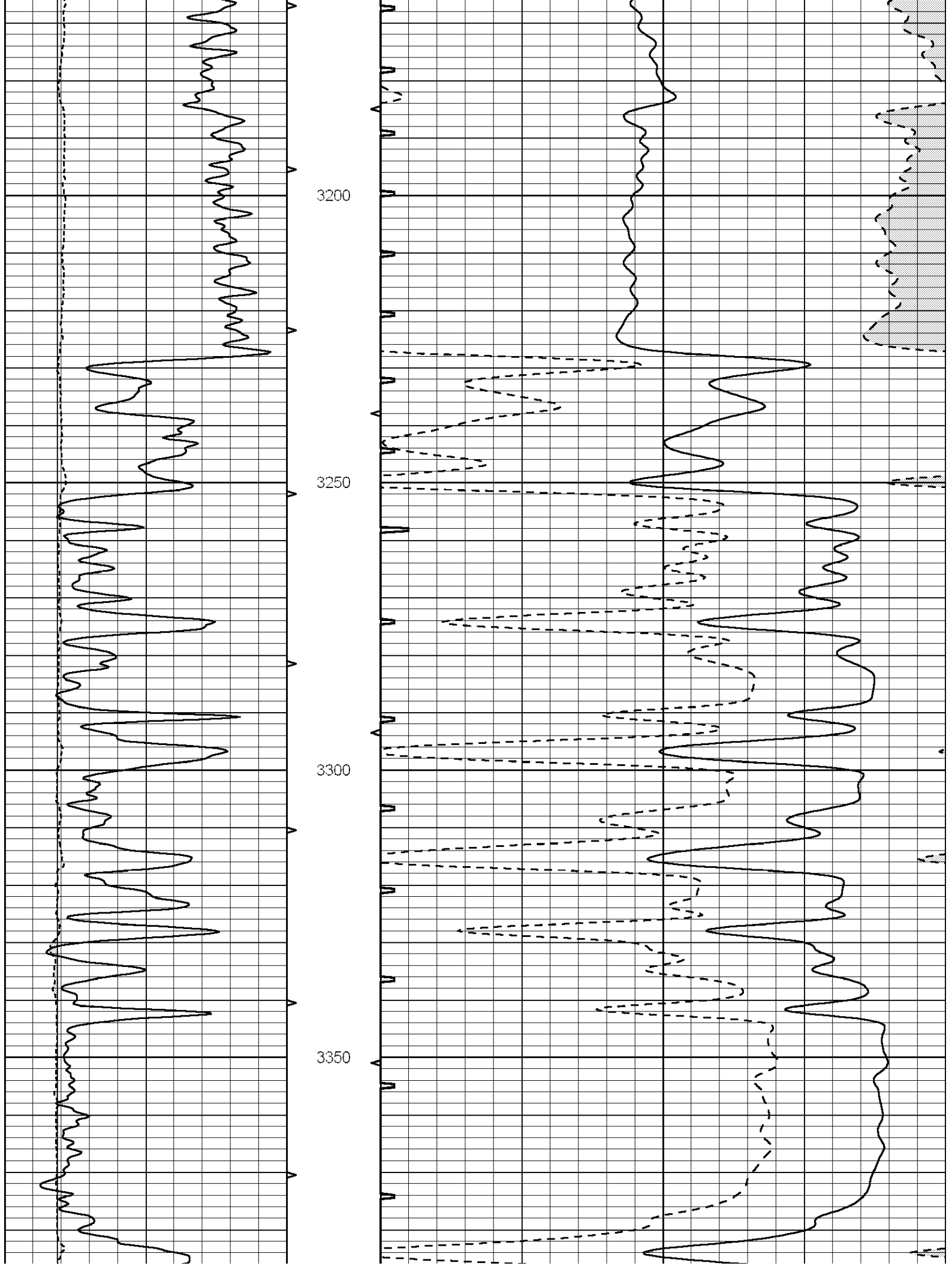
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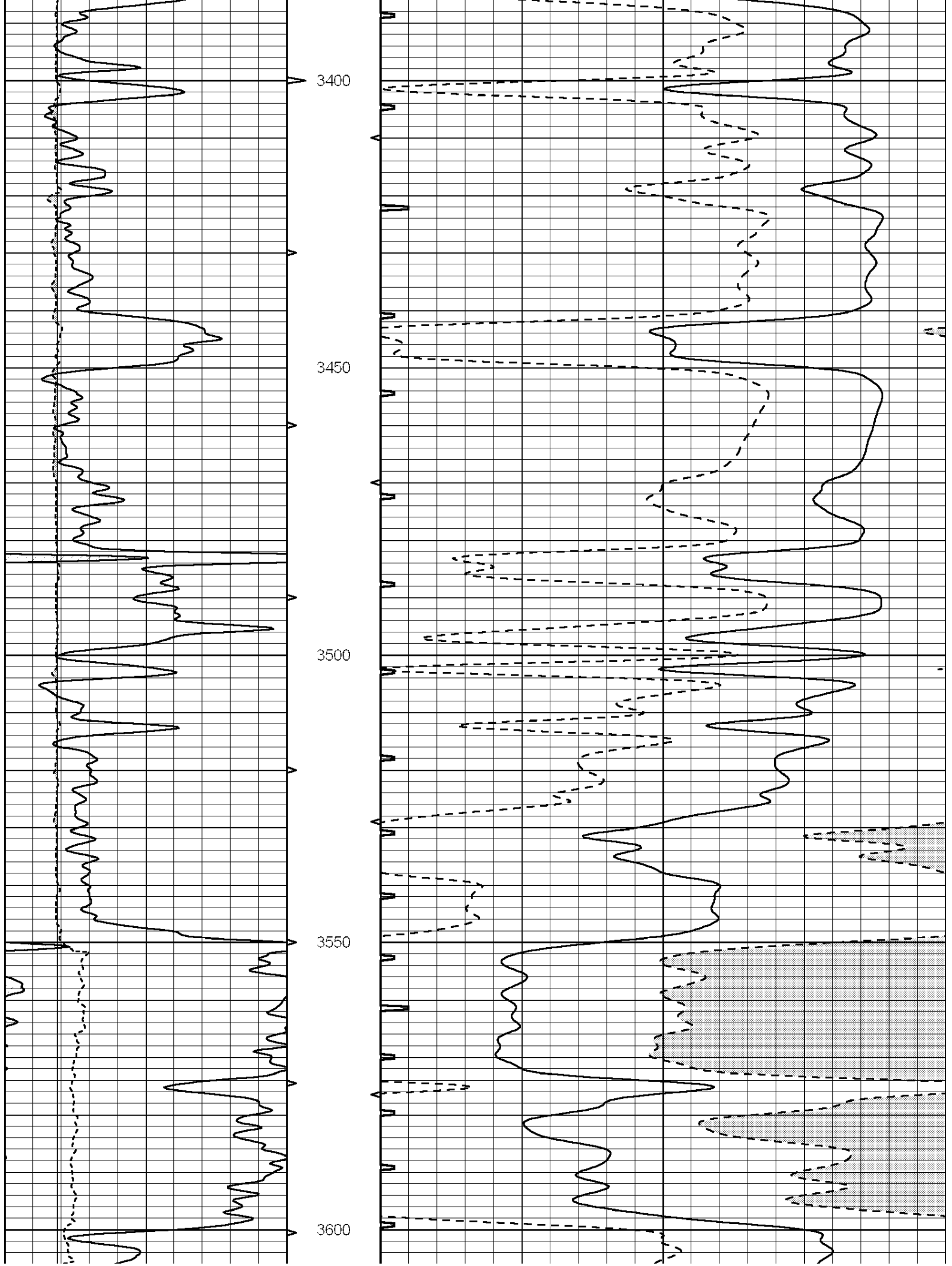
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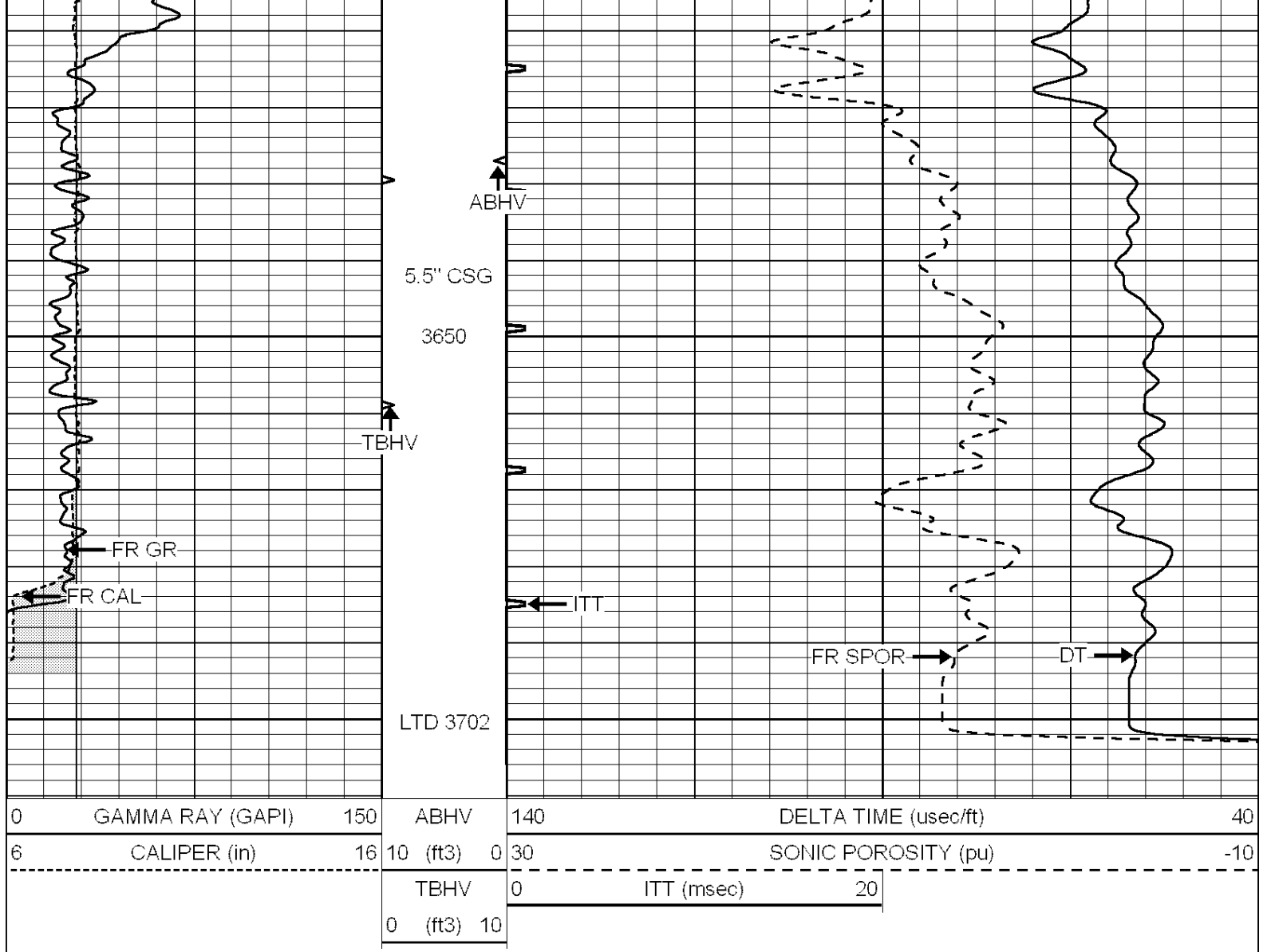
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REPEAT SECTION

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

