



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company LOTUS OPERATING COMPANY, LLC. Well #3 PLATT "A" Field HARDTNER County BARBER State KANSAS		Company LOTUS OPERATING COMPANY, LLC. Well #3 PLATT "A" Field HARDTNER County BARBER State KANSAS	
Location: 1485' FSL & 1320' FEL SEC 1 TWP 35S RGE 13W Permanent Datum GROUND LEVEL Elevation 1461 Log Measured From KELLY BUSHING 17' A.G.L. Drilling Measured From KELLY BUSHING		API # : 15-007-23974-0000 Other Services CDL/CNL/PE DIL/MEL Elevation K.B. 1478 D.F. 1476 G.L. 1461	
Date	12/13/12		
Run Number	TWO		
Depth Driller	5619		
Depth Logger	5506		
Bottom Logged Interval	5494		
Top Log Interval	3700		
Casing Driller	10 3/4" @ 285'		
Casing Logger	282		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6,000 PPM	
Density / Viscosity	9.3/52		
pH / Fluid Loss	9.5/10.4		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.540 @ 85F		
Rmf @ Meas. Temp	.405 @ 85F		
Rmc @ Meas. Temp	.648 @ 84F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.350 @ 131F		
Time Circulation Stopped	5.5 HOURS		
Time Logger on Bottom	6:00 A.M.		
Maximum Recorded Temperature	131F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	TIM HELLMAN		

<<< Fold Here >>>

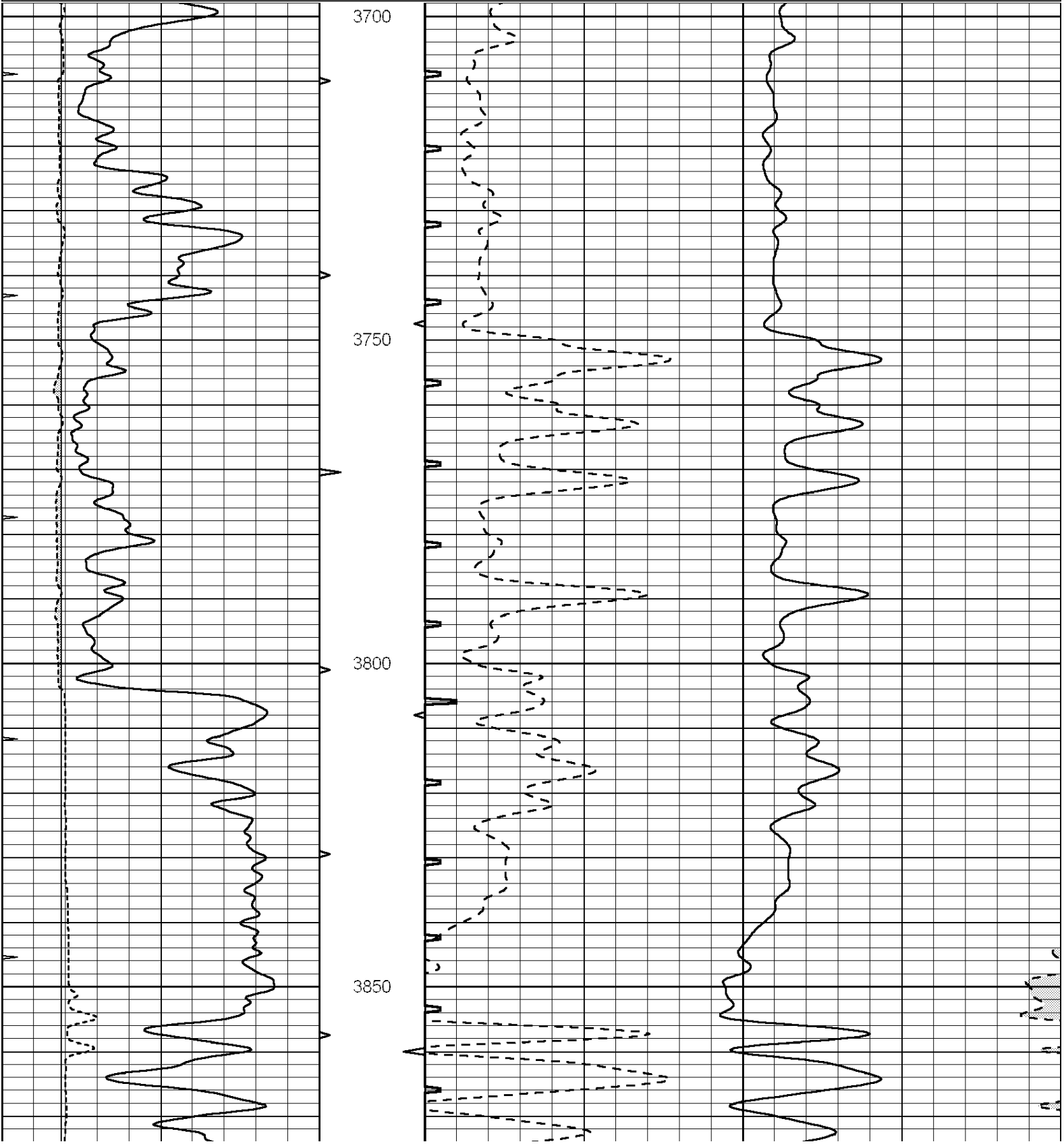
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

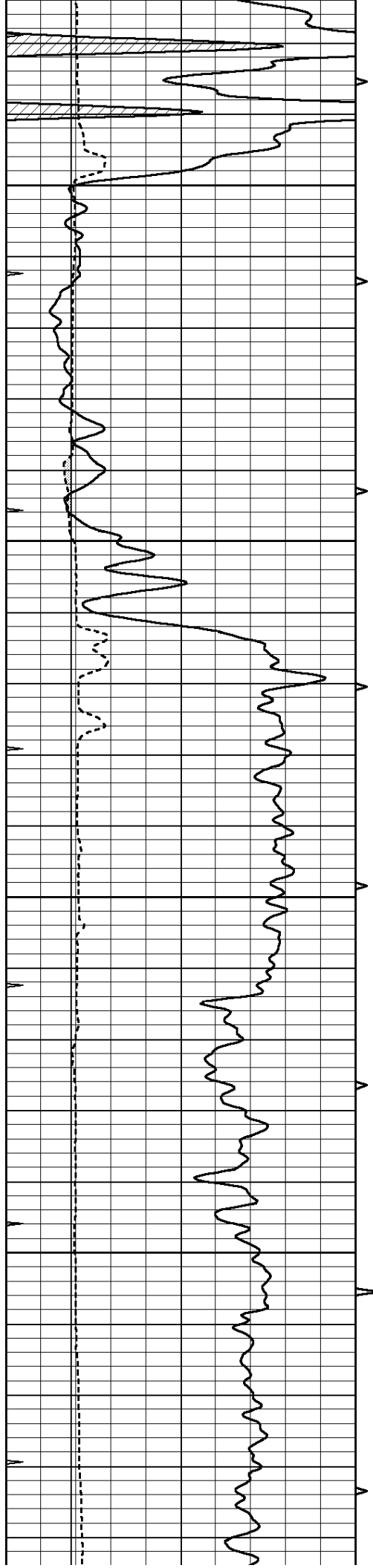
Comments

THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395
 DIRECTIONS
 HARDTNER, KS. 1N. TO "DRIFTWOOD RD.", 1W. TO CURVE, 1/2S., W. INTO

Database File: 010032pe.db
Dataset Pathname: pass6.3
Presentation Format: slt
Dataset Creation: Thu Dec 13 10:08:32 2012
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
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3) 10			



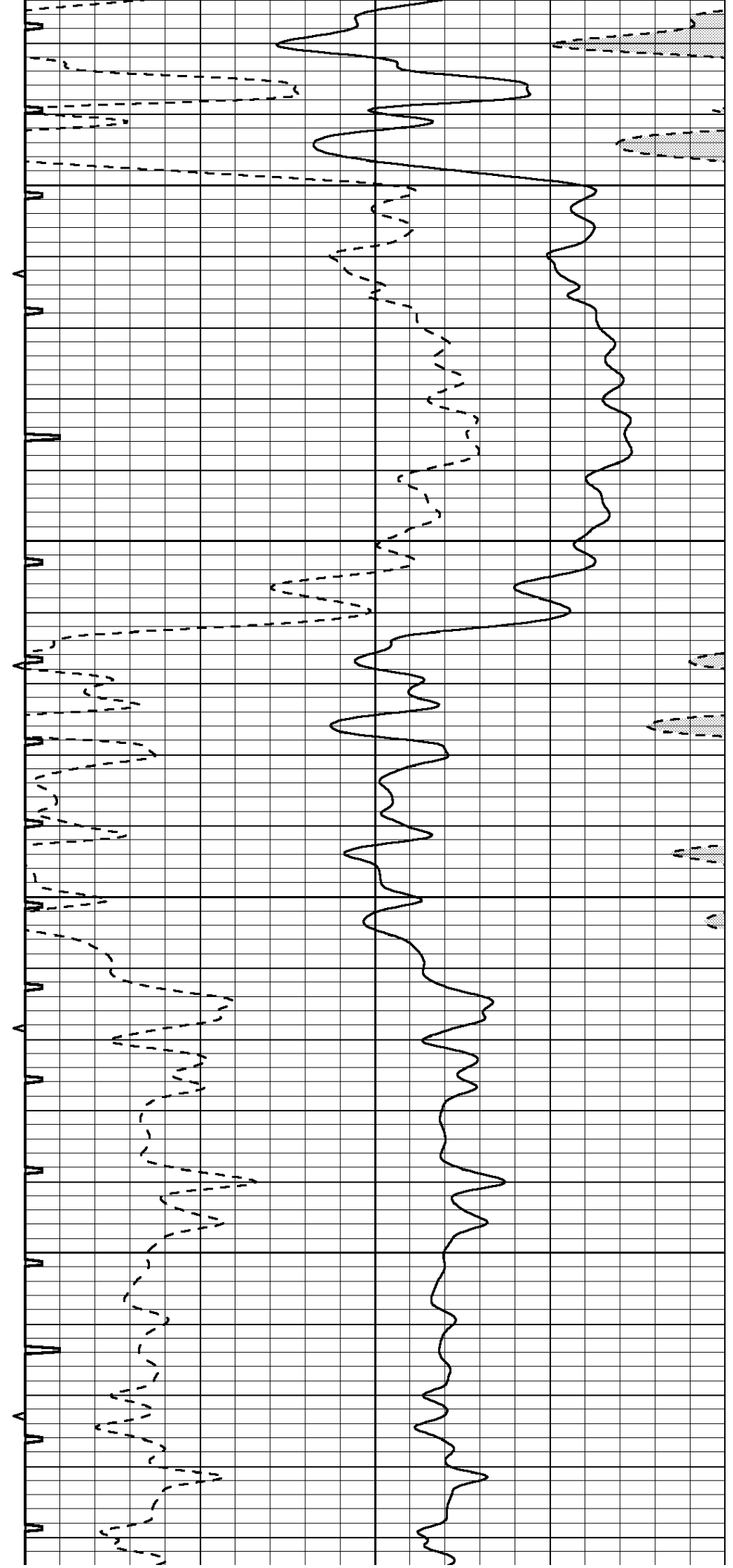


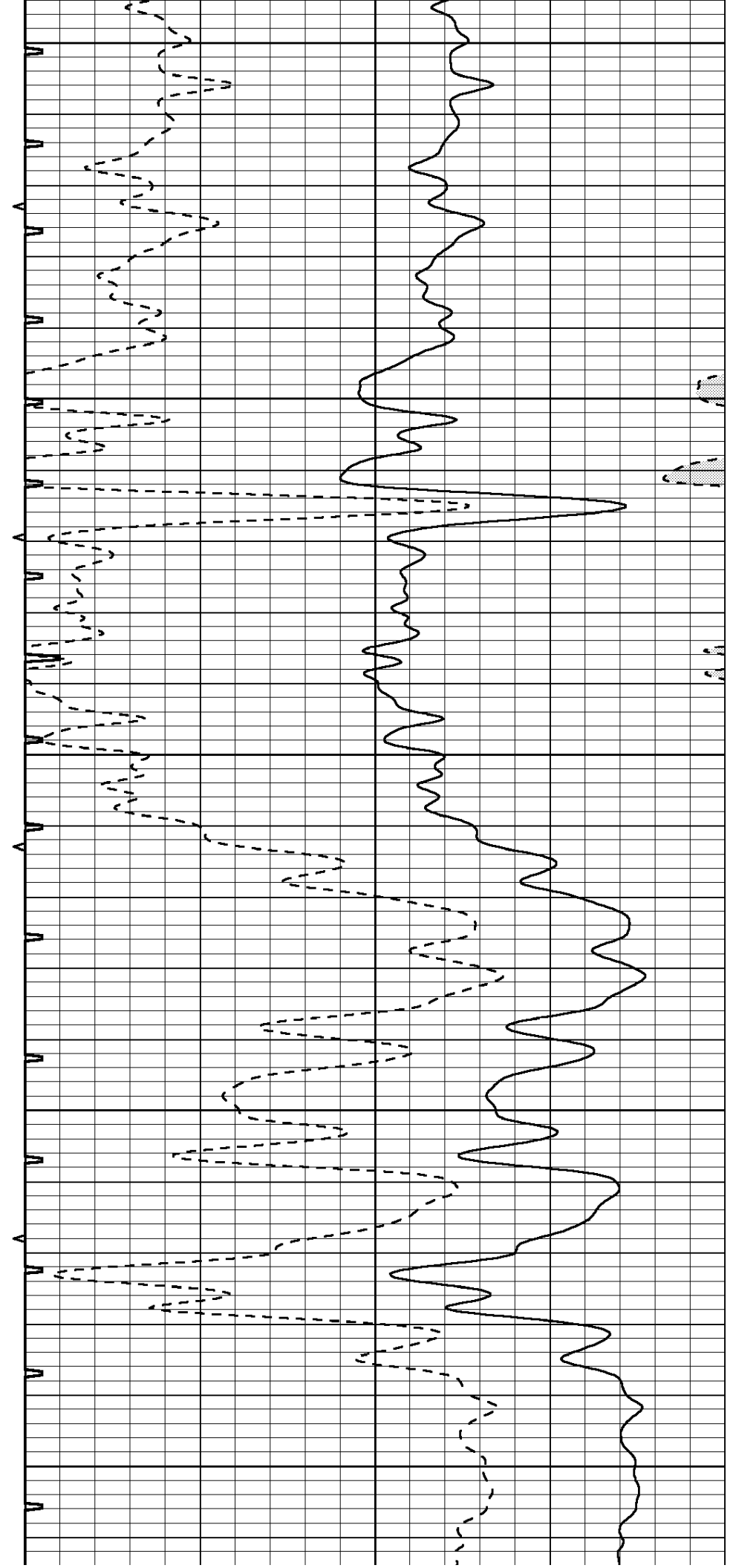
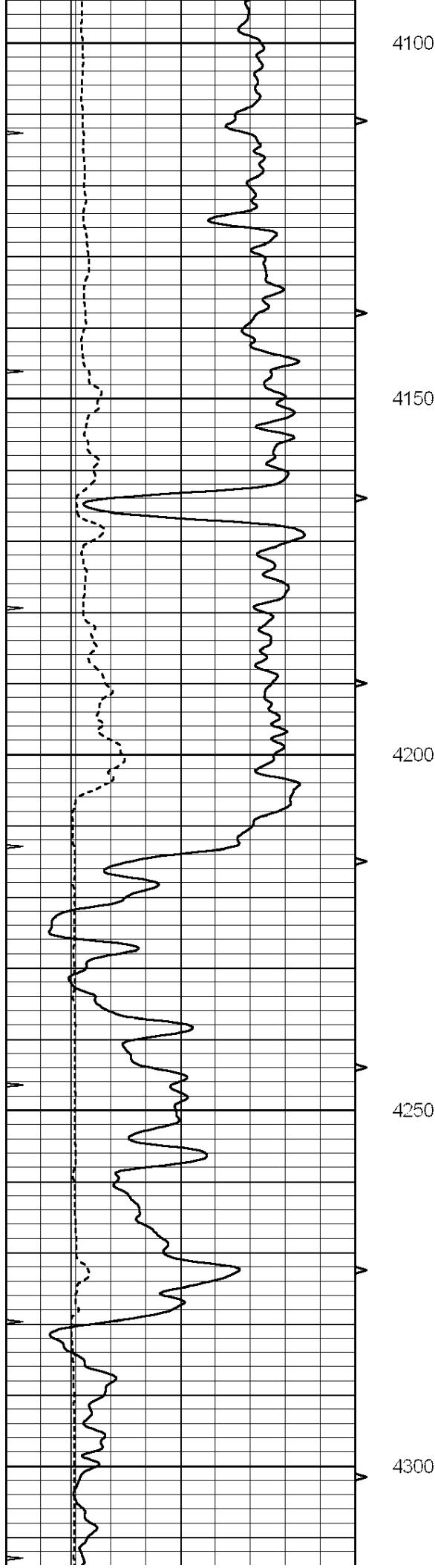
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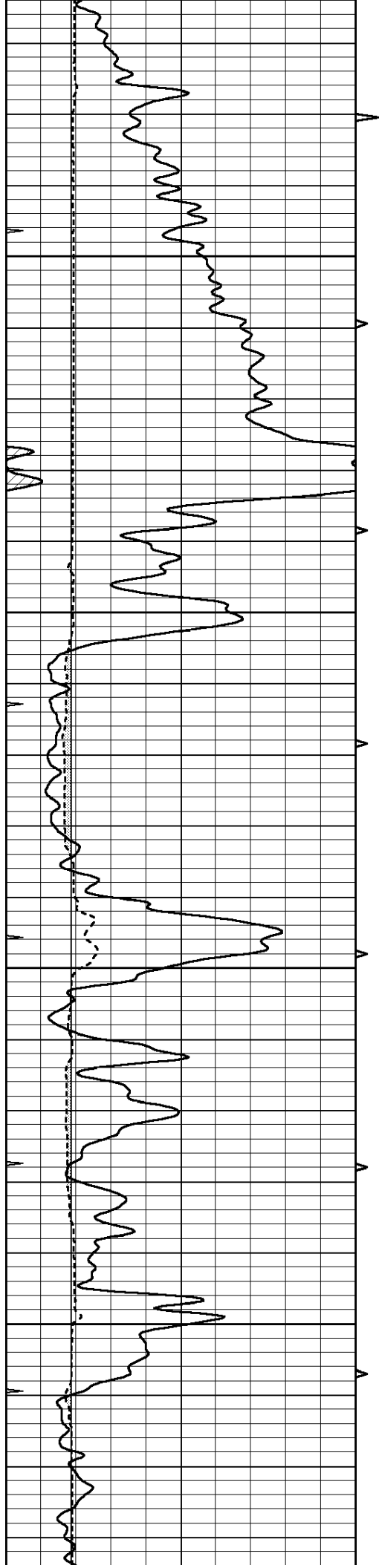
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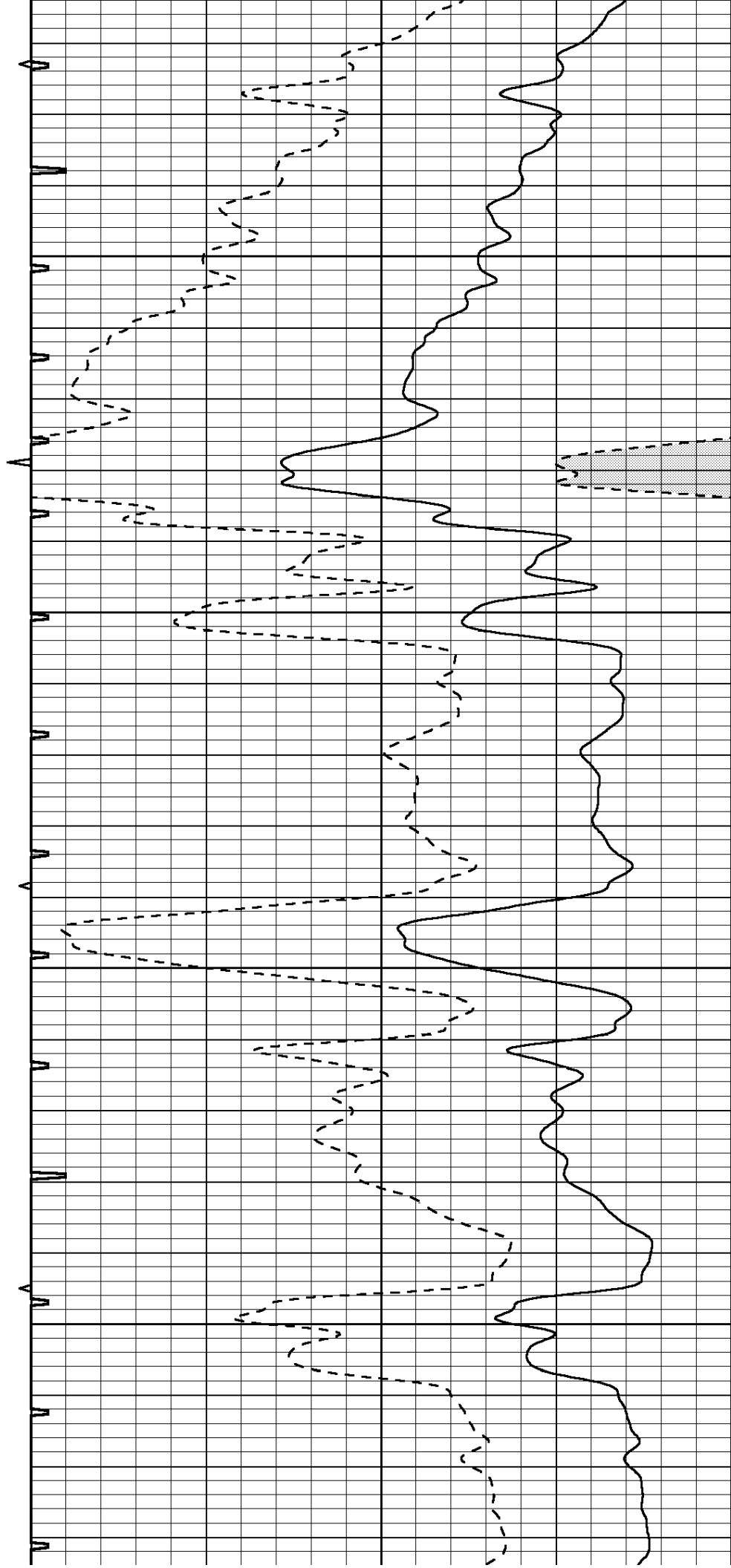


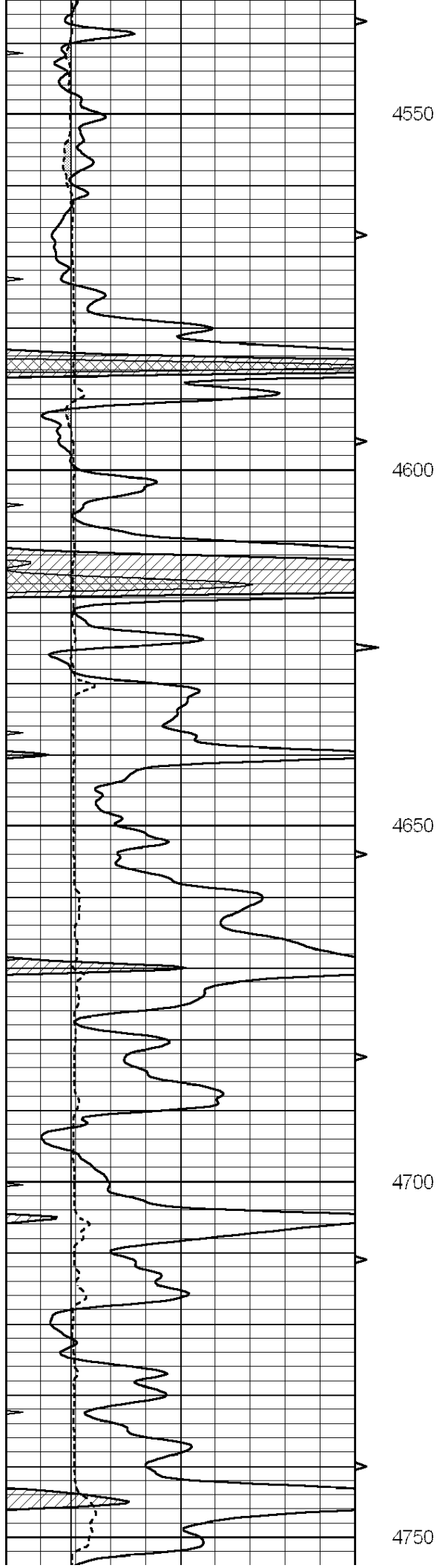
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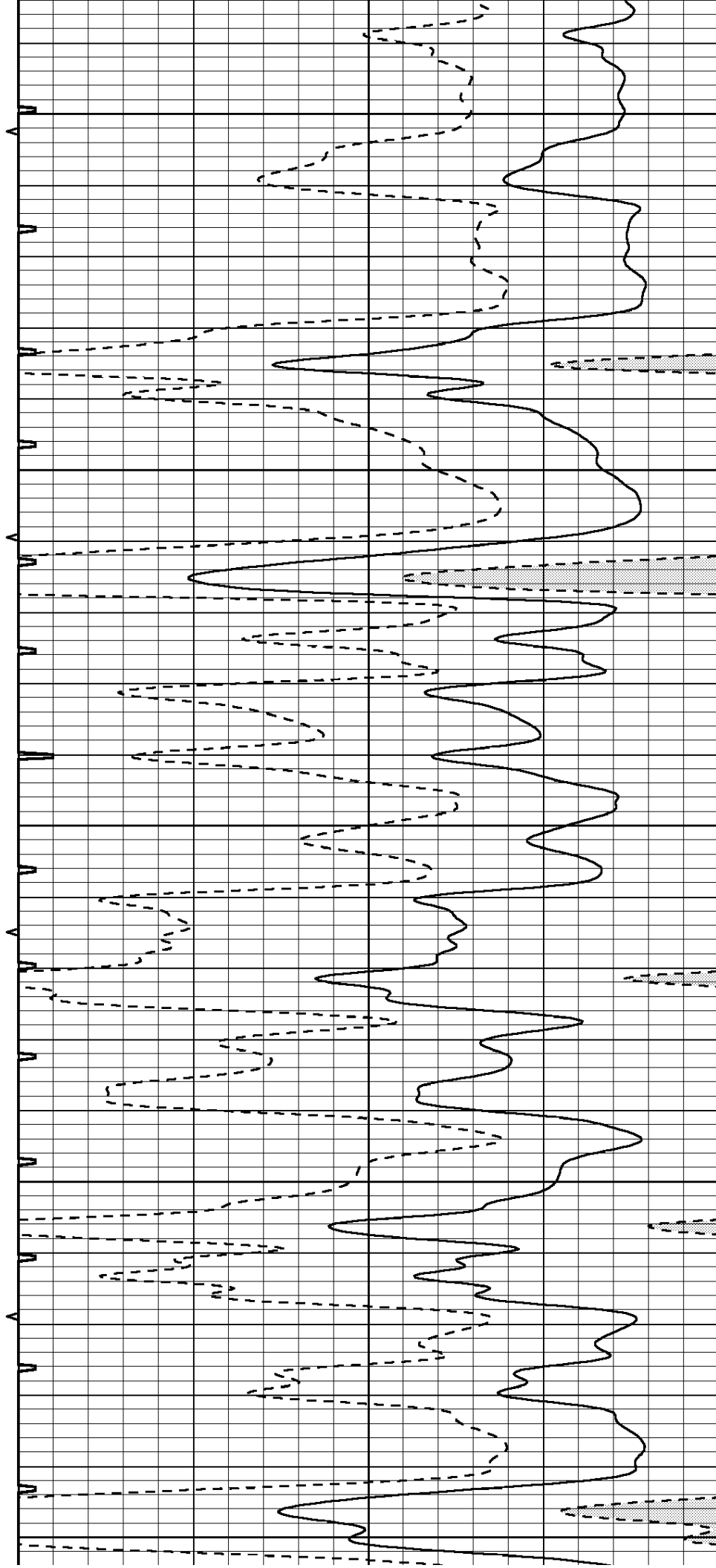
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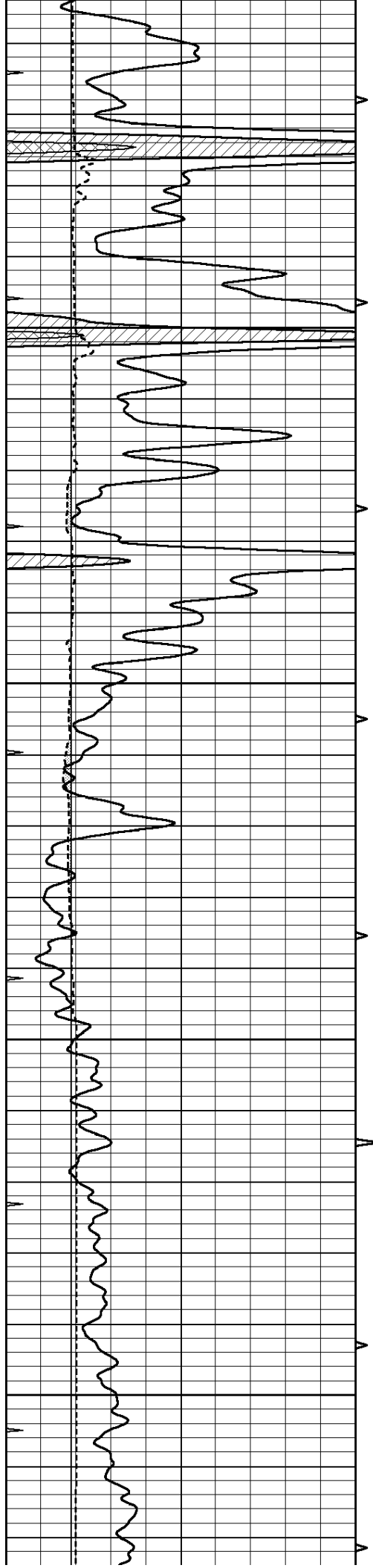
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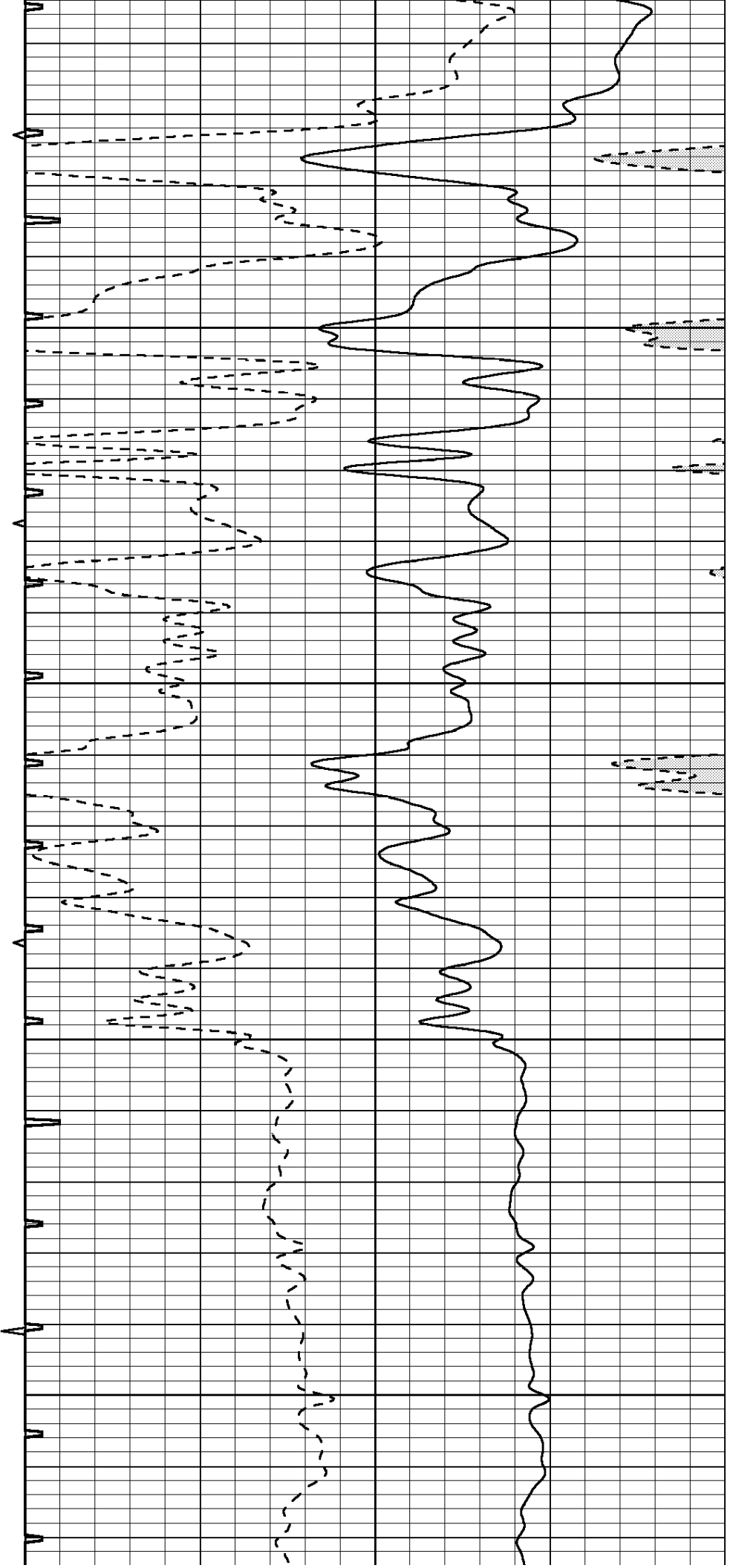


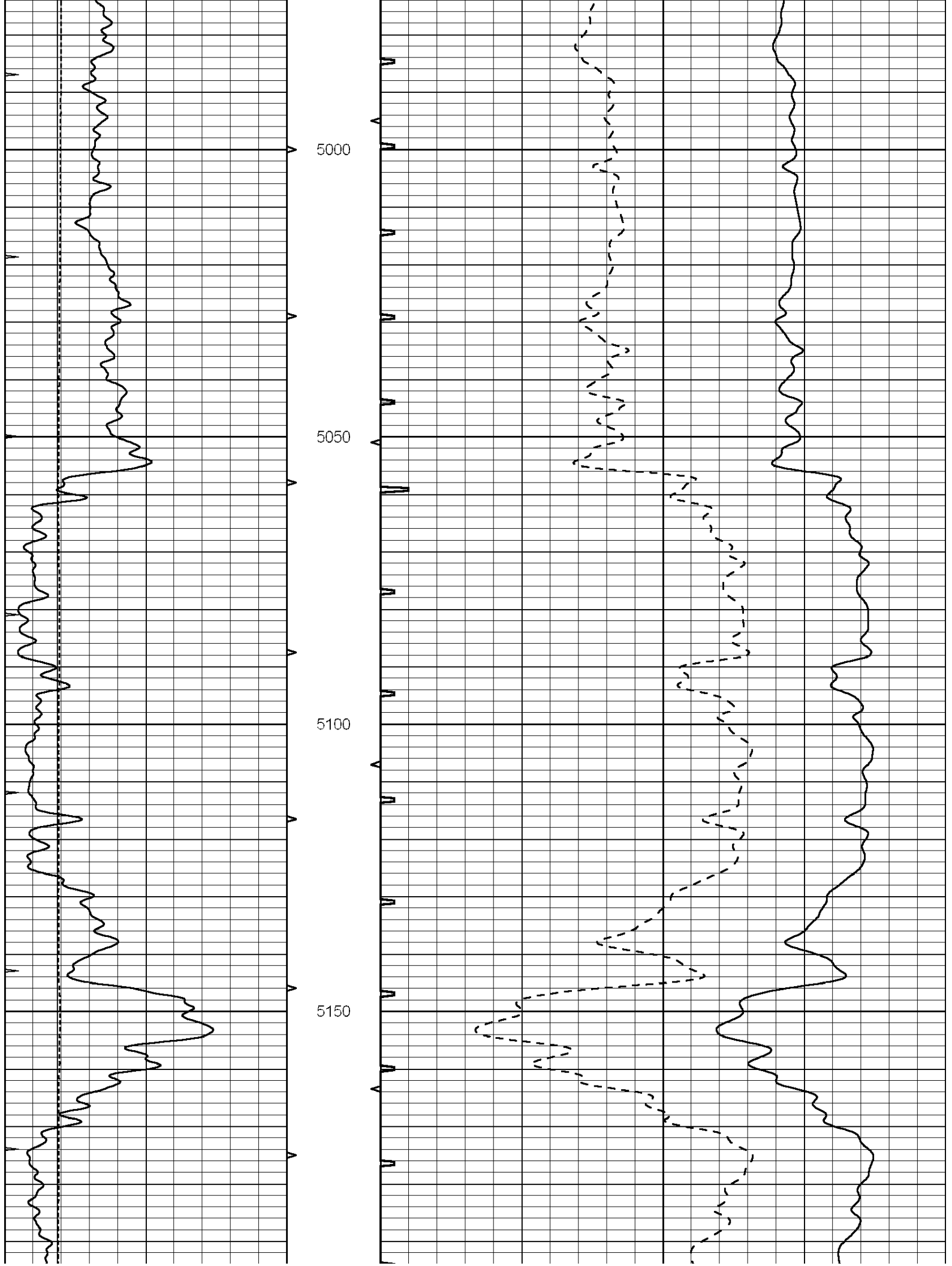
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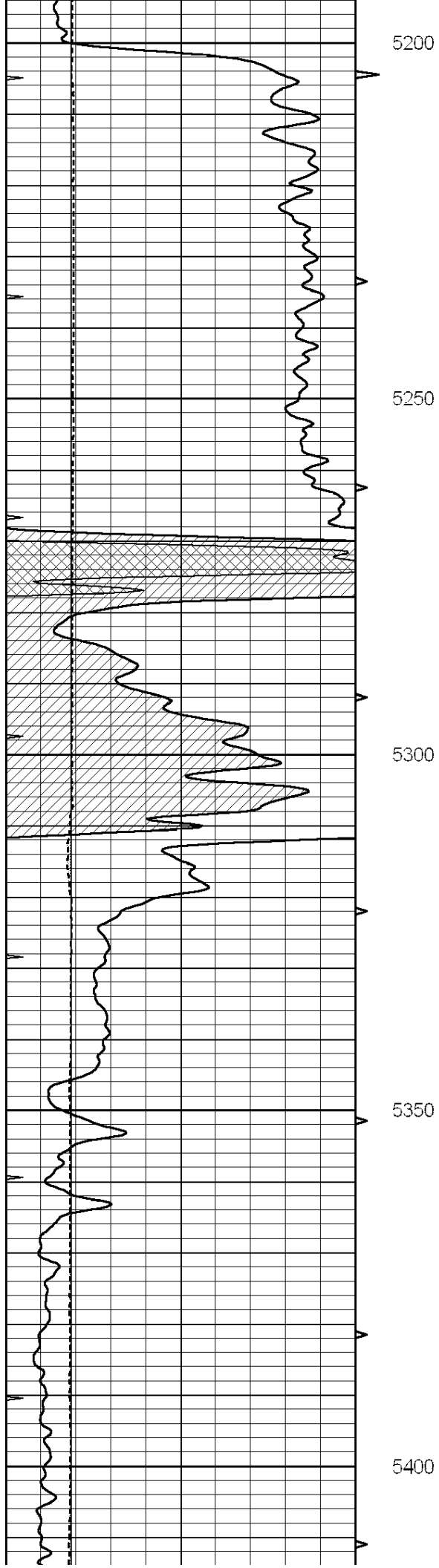
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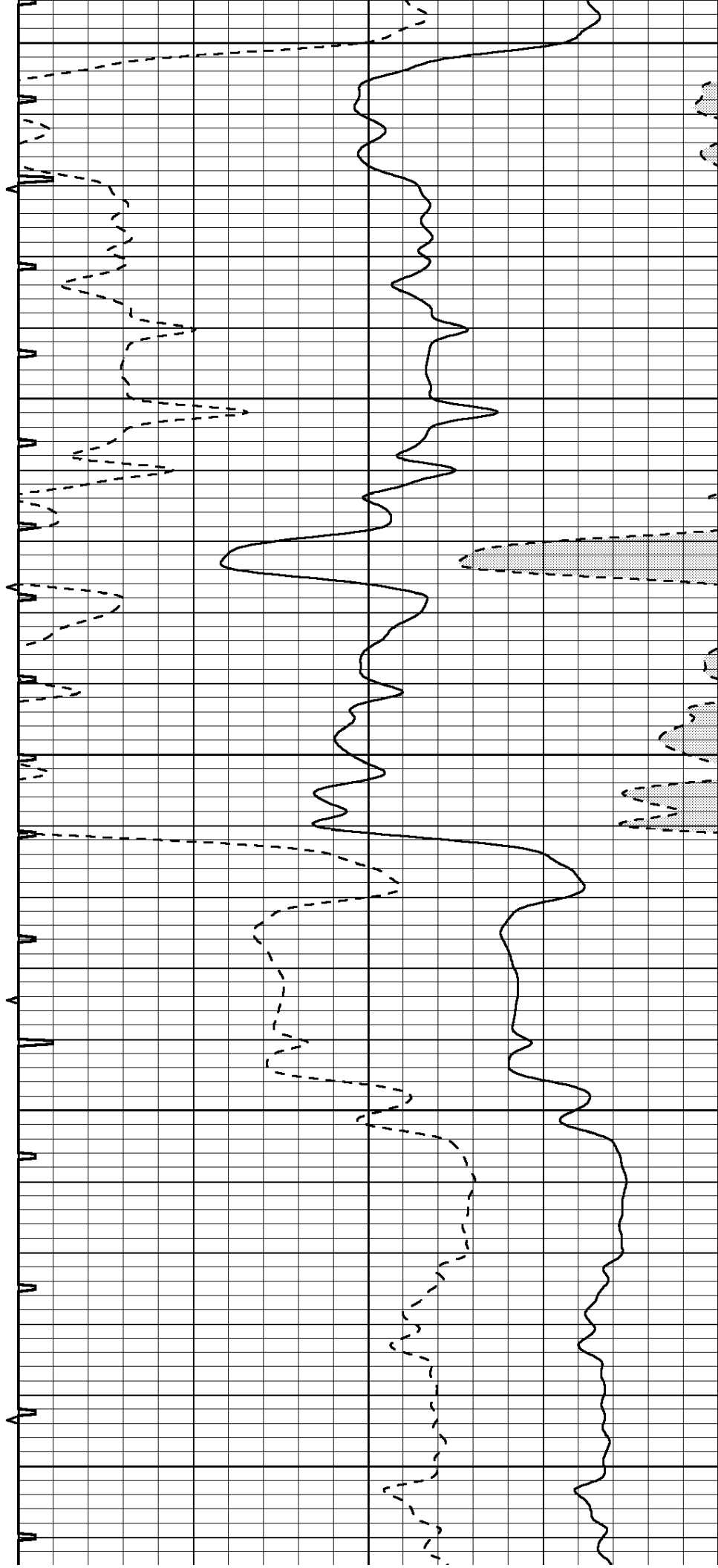
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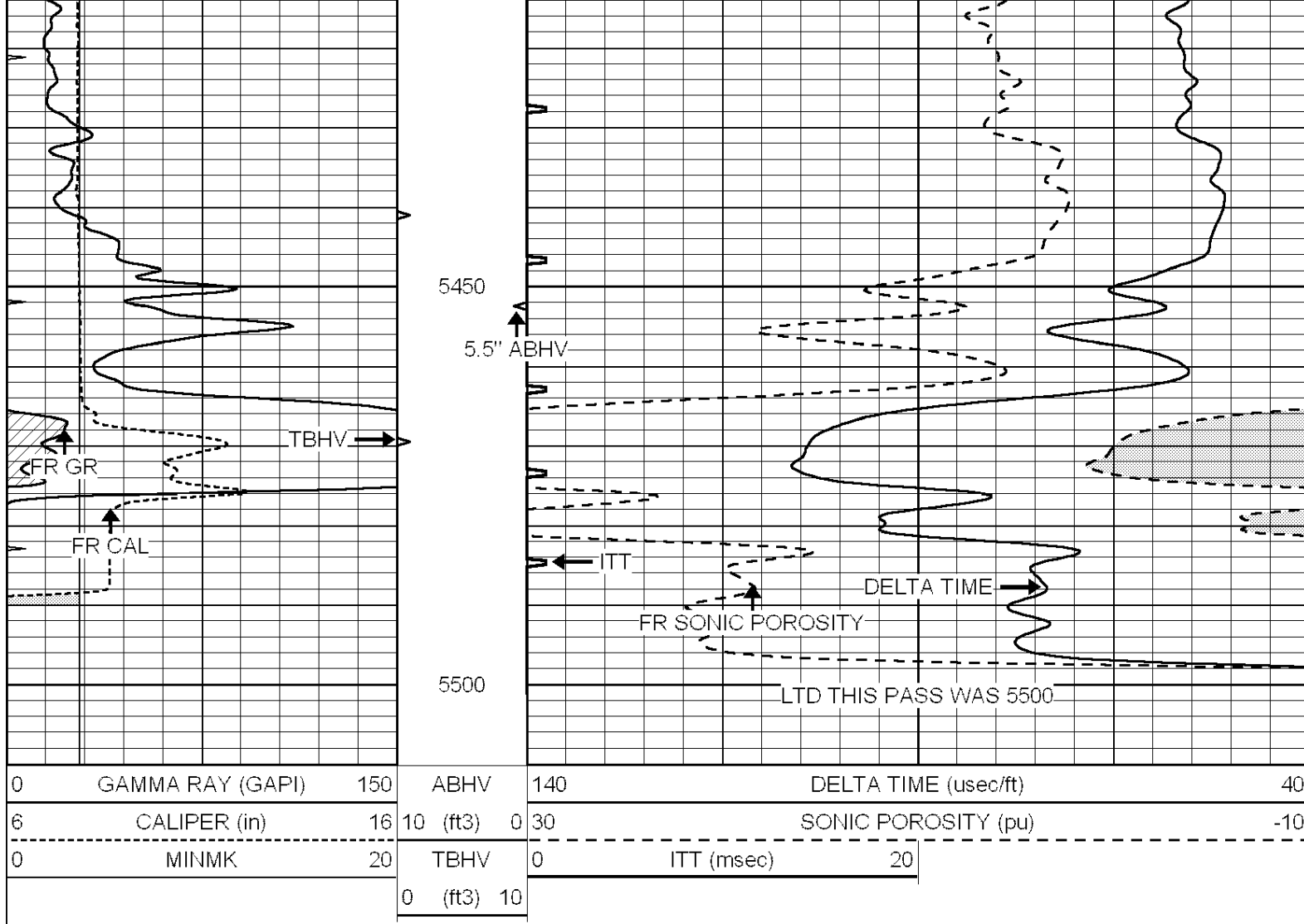
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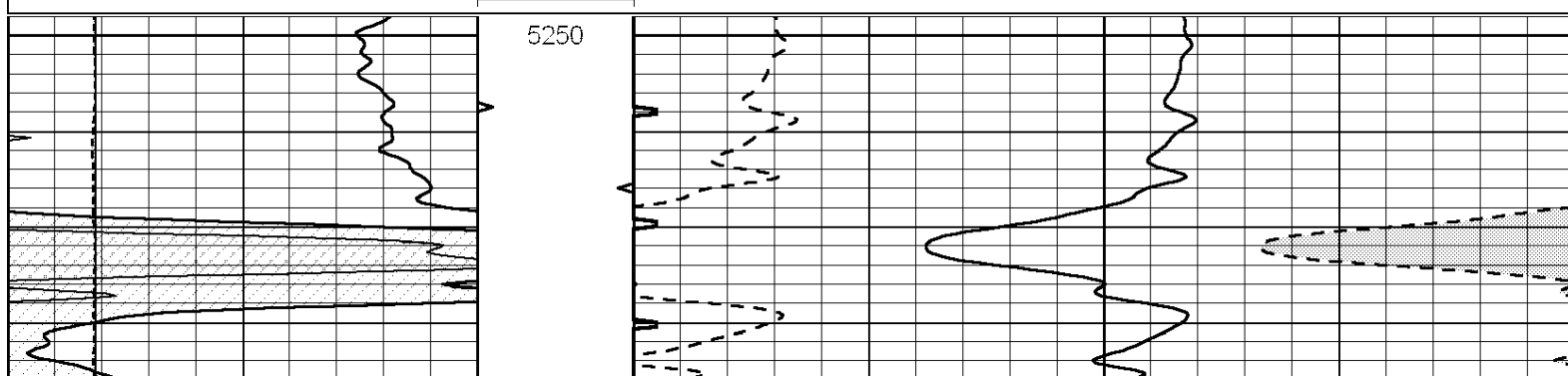


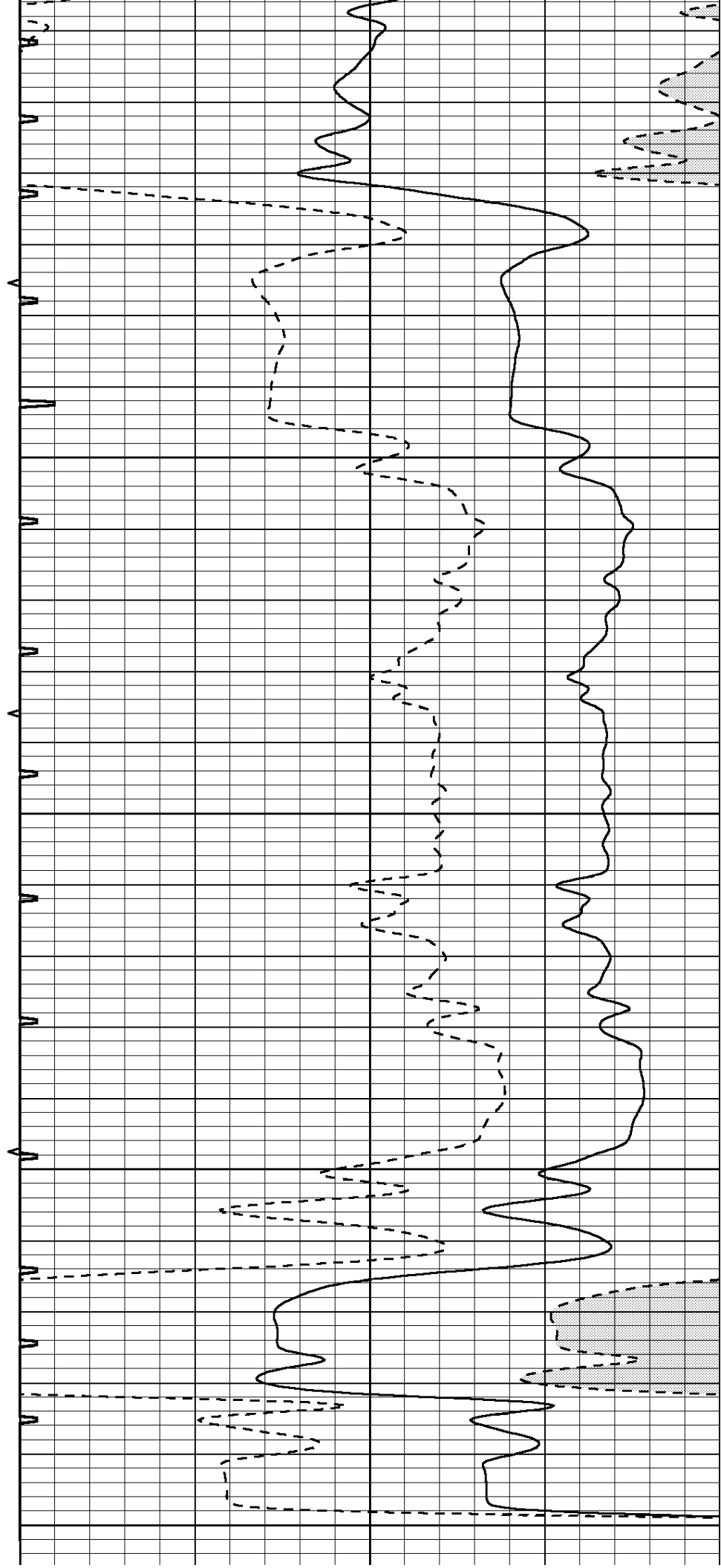
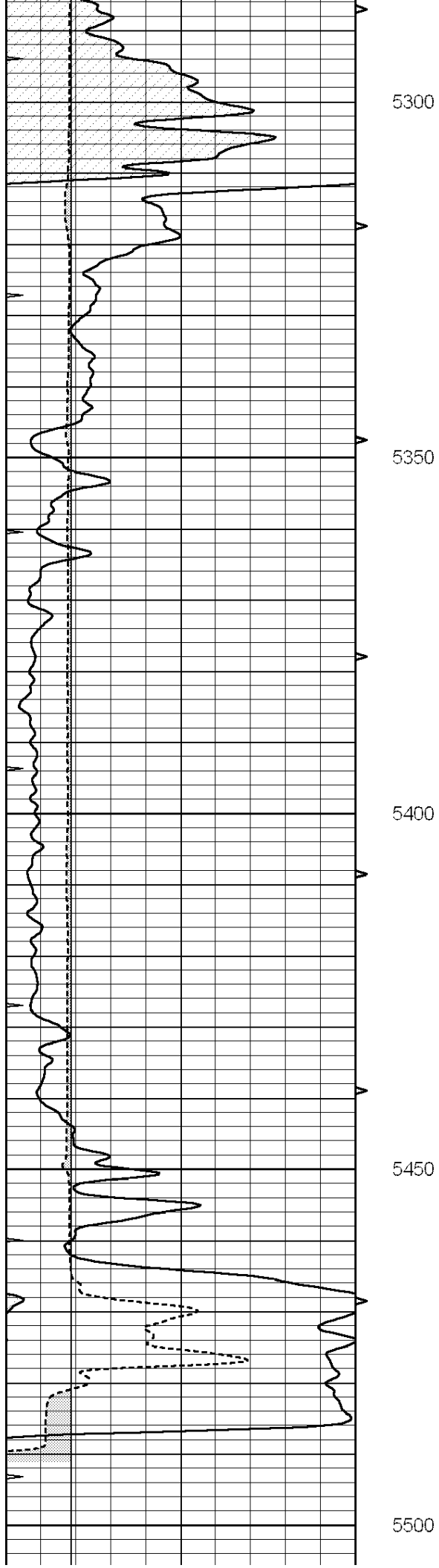


REPEAT SECTION

Database File: 010032pe.db
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 Presentation Format: slt
 Dataset Creation: Thu Dec 13 10:19:51 2012
 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)
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3)	10		





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