



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

SONIC LOG

Company	WHITE EXPLORATION, INC.		
Well	RALPH #1		
Field			
County	BARBER	State	KANSAS
Location:	API # : 15-007-23993-0000		Other Services CDL/CNL PED/LMEL
SEC 6 TWP 31S RGE 11W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	1669
Log Measured From	KELLY BUSHING 10' A.G.L.	D.F.	1677
Drilling Measured From	KELLY BUSHING	G.L.	1669
Date	3/14/13		
Run Number	TWO		
Depth Driller	4778		
Depth Logger	4780		
Bottom Logged Interval	4770		
Top Log Interval	3000		
Casing Driller	8 5/8" @ 310'		
Casing Logger	310		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6000 PPM	
Density / Viscosity	9.4/58		
pH / Fluid Loss	9.5/10.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.60 @ 89F		
Rmt @ Meas. Temp	.45 @ 89F		
Rmc @ Meas. Temp	.72 @ 89F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	.43 @ 123F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	123F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	DAVE GOLDAK		

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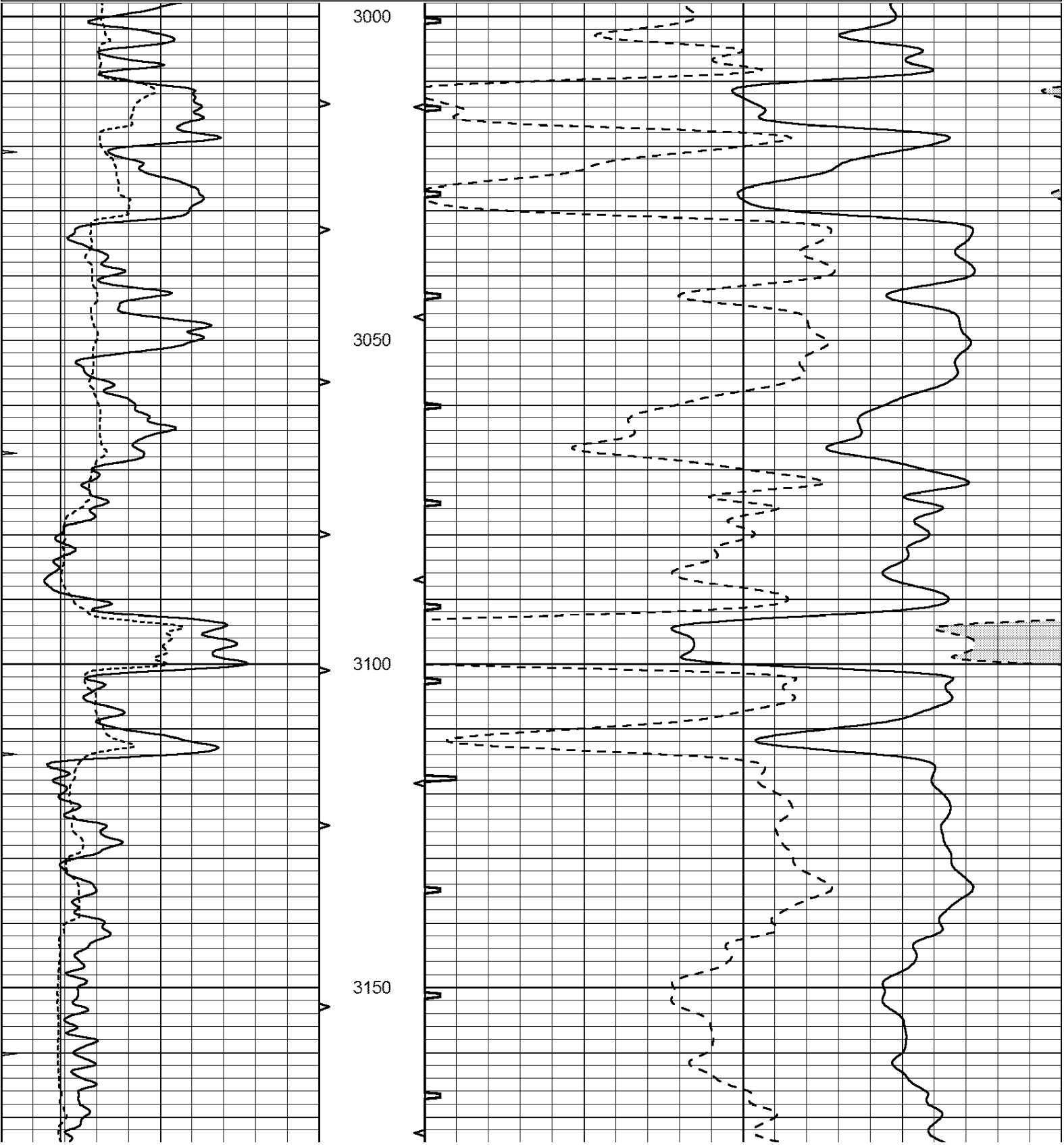
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

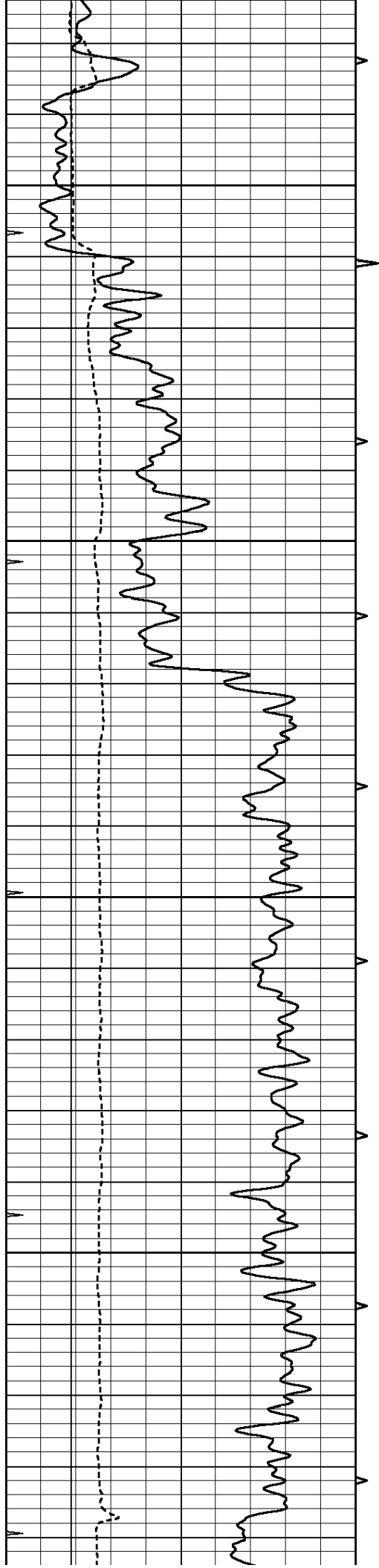
Comments

THANK YOU FOR USING NABORS, HAYS, KS. (785) 628-6395
DIRECTIONS:
SAWYER, KS. - S. TO 99 SPRINGS RD. (RESORT RD.) - E. ACROSS BRIDGE
TO GAILLARDIA RD. - 1 1/2 S. TO FORK - STAY RIGHT INTO

Database File: 010859pe.db
Dataset Pathname: pass6.1
Presentation Format: _slt
Dataset Creation: Thu Mar 14 18:14:04 2013 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
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3) 10			



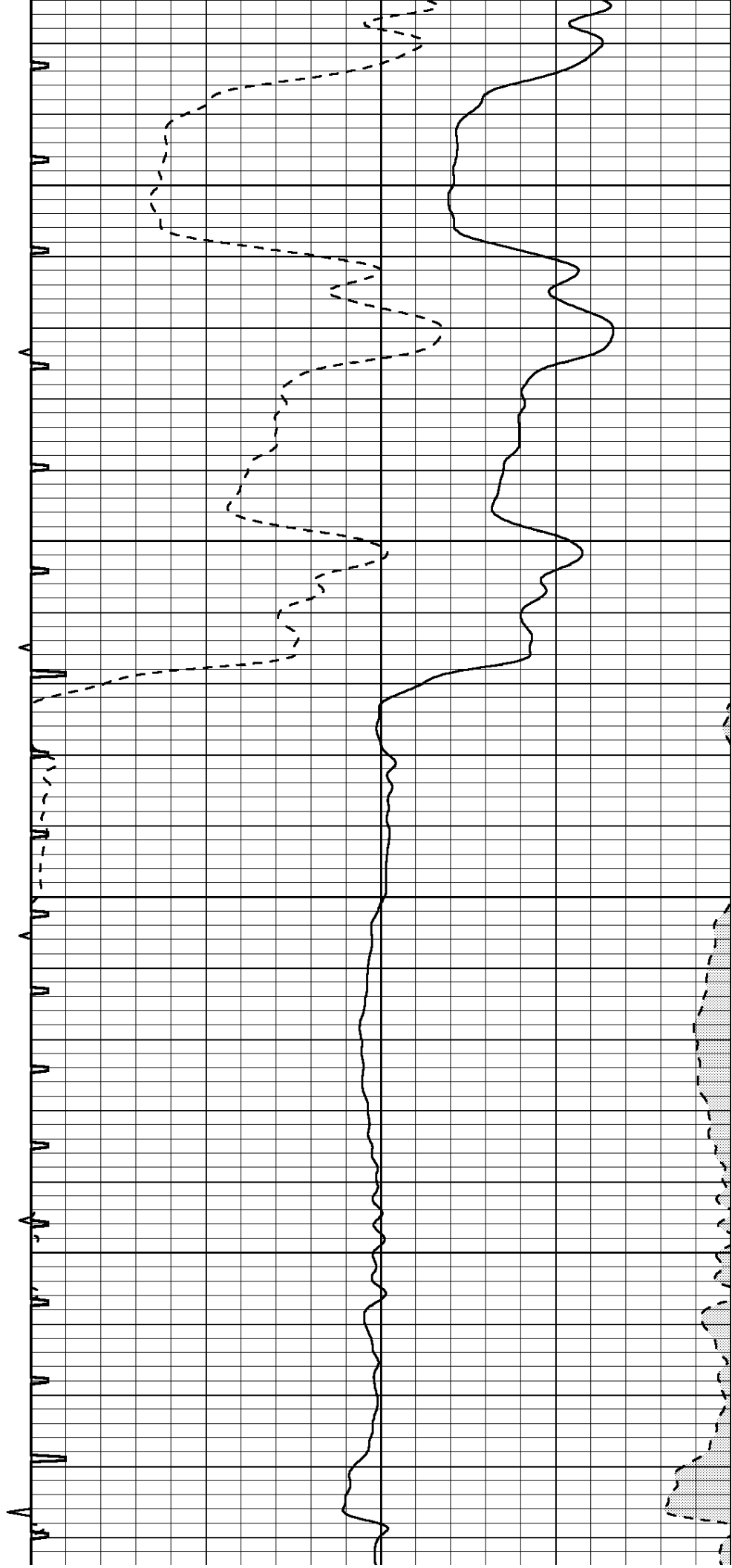


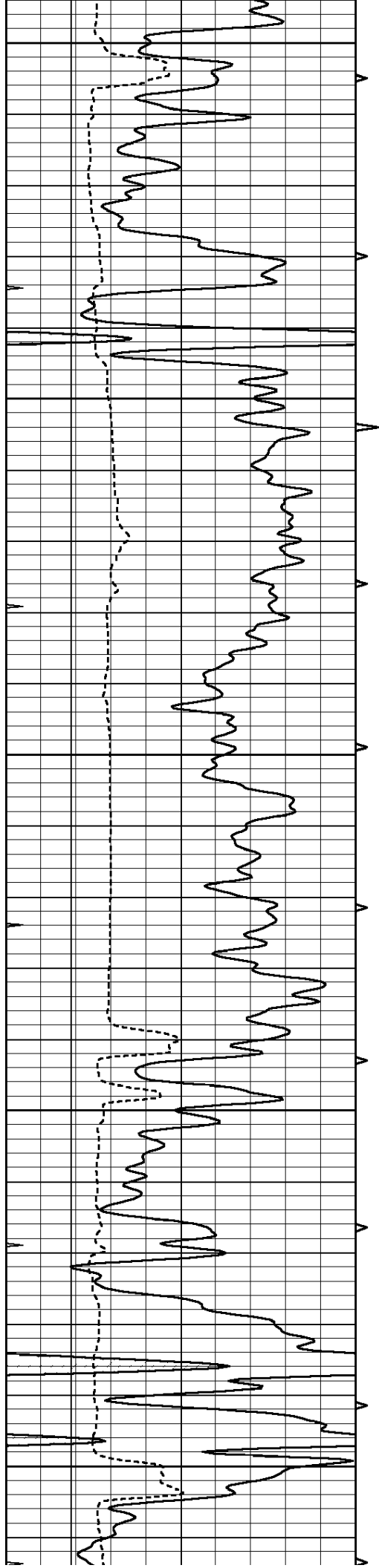
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3300

3350





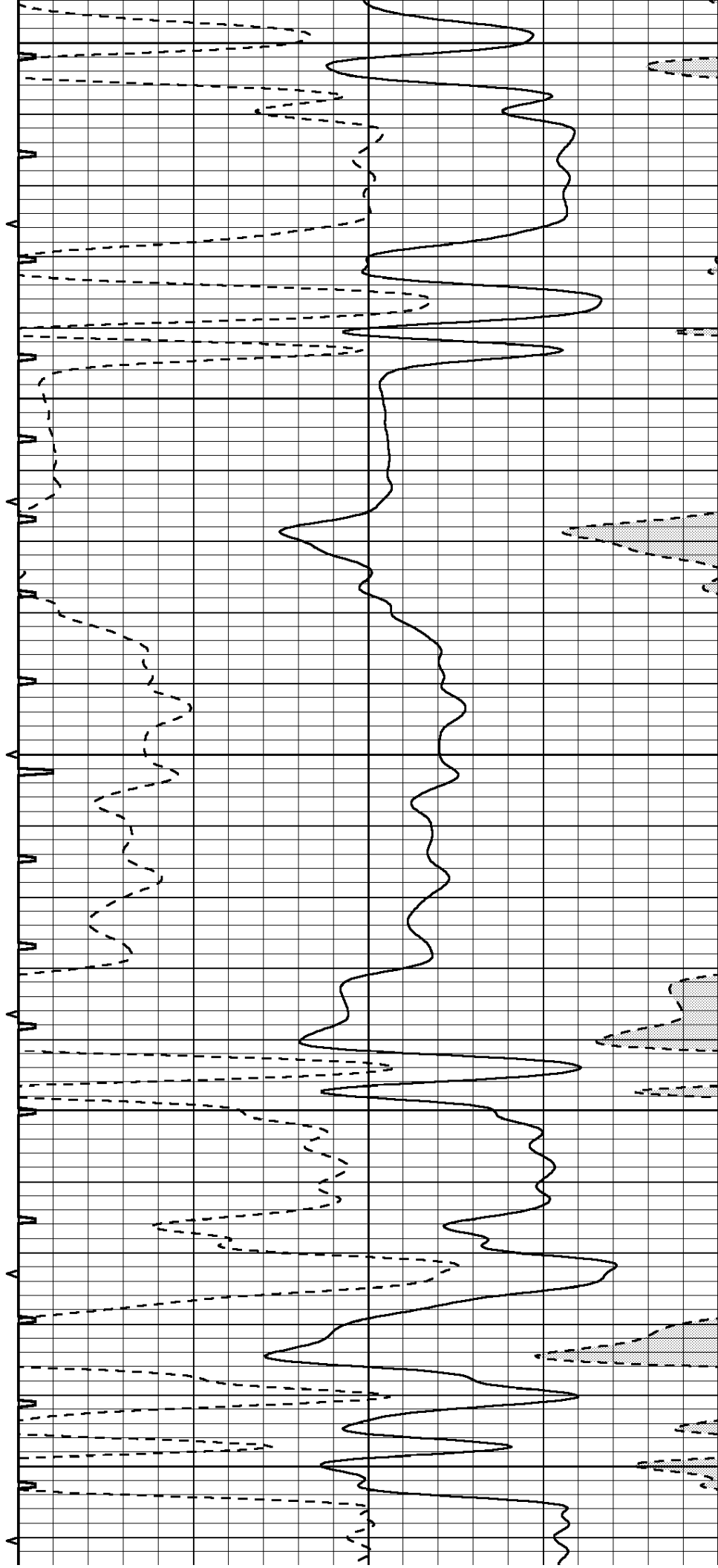
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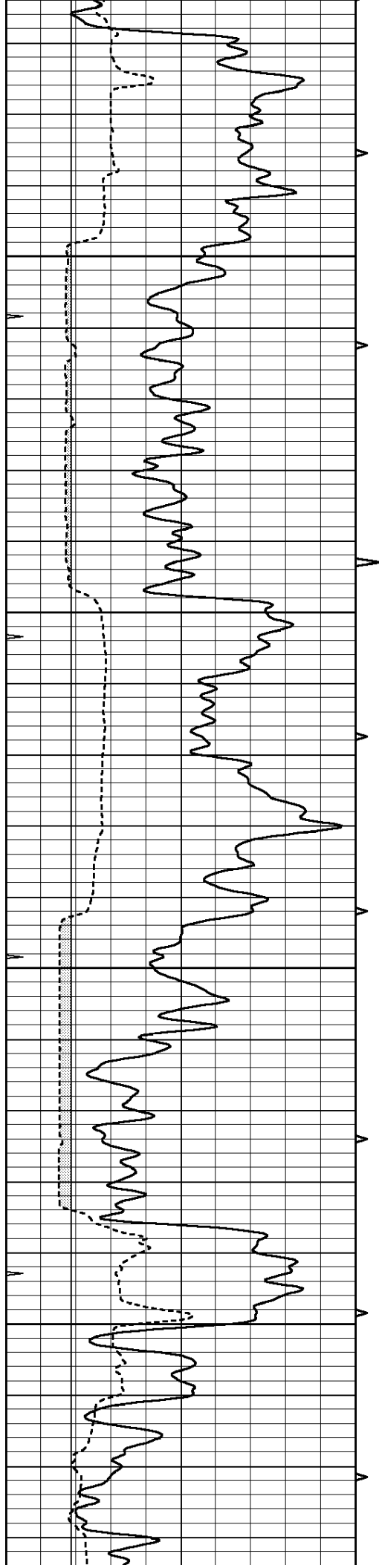
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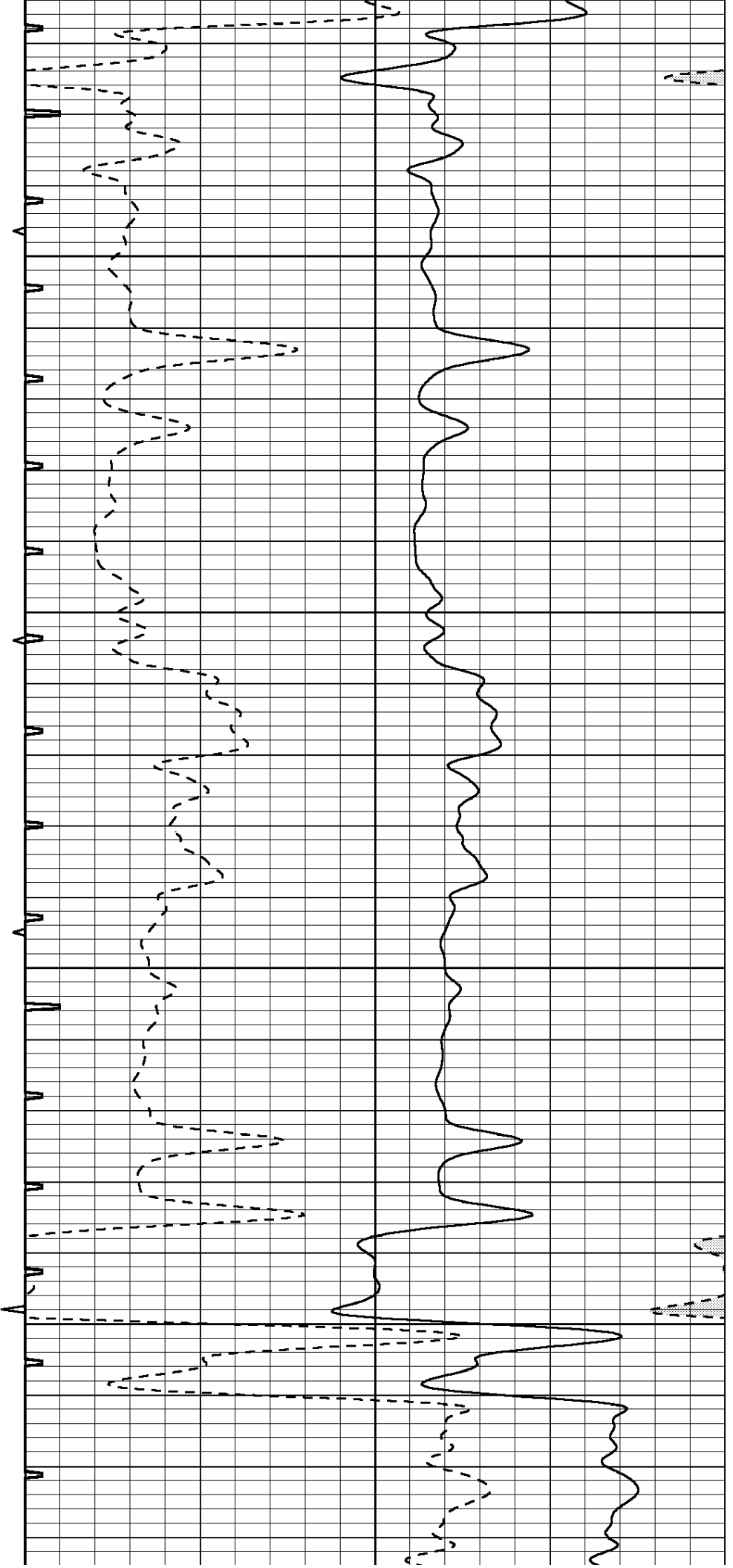


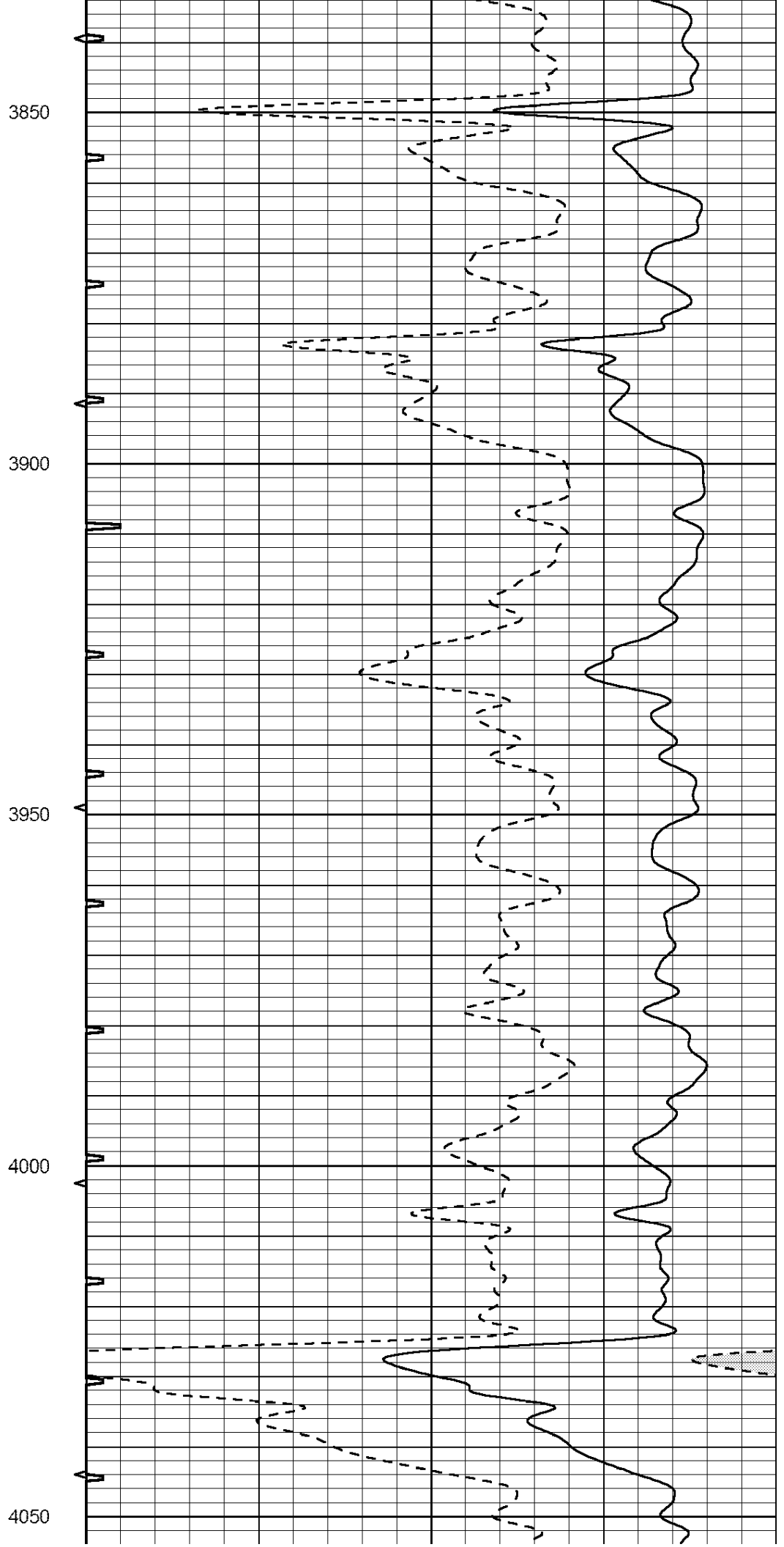
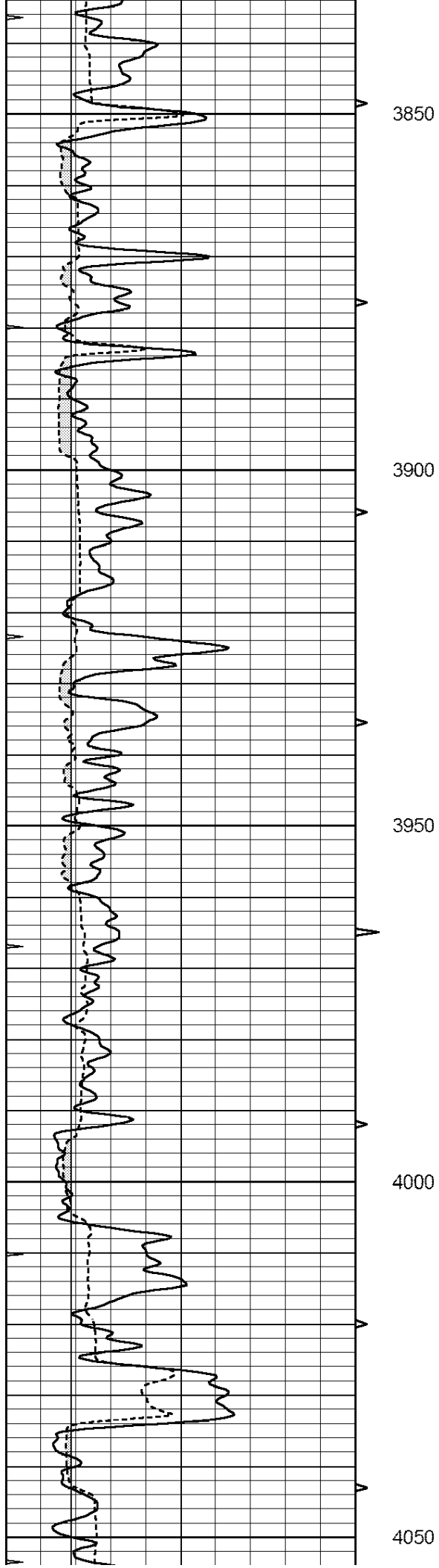
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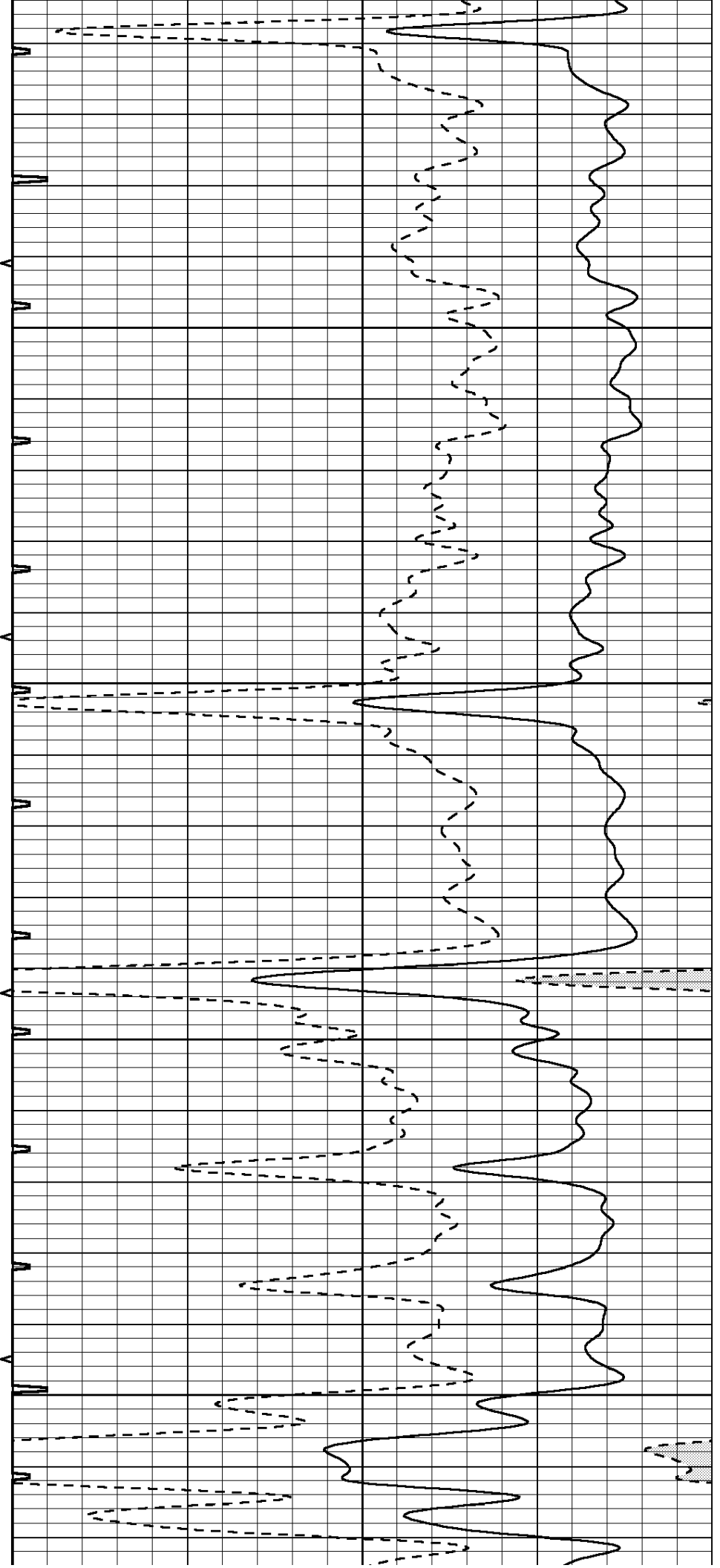
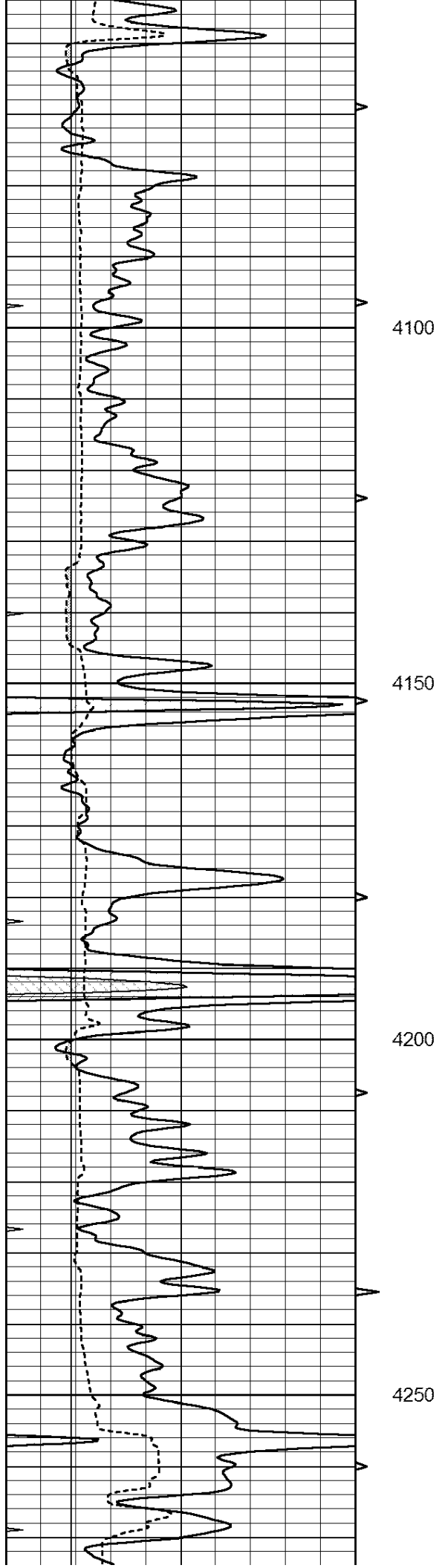
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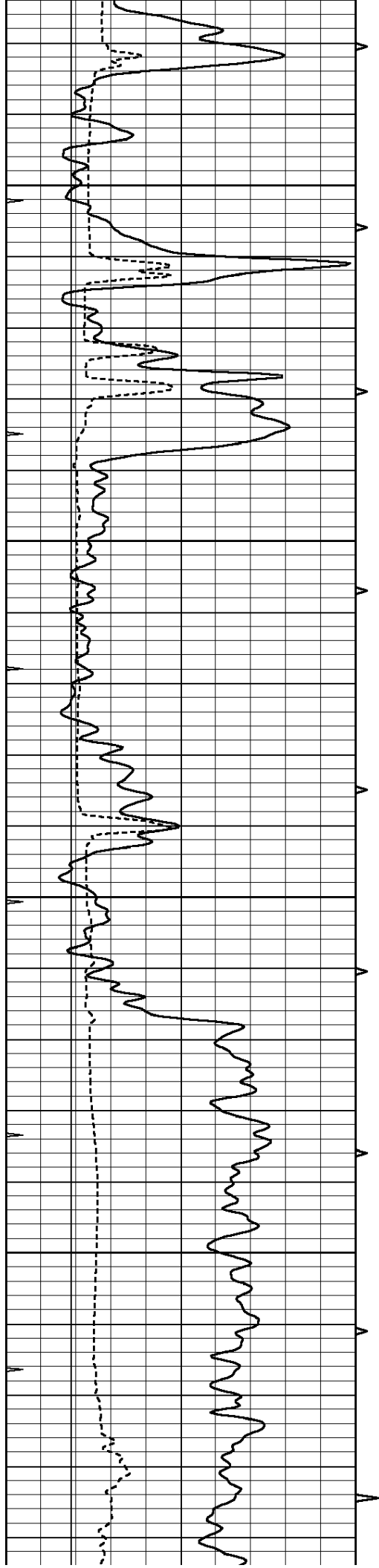
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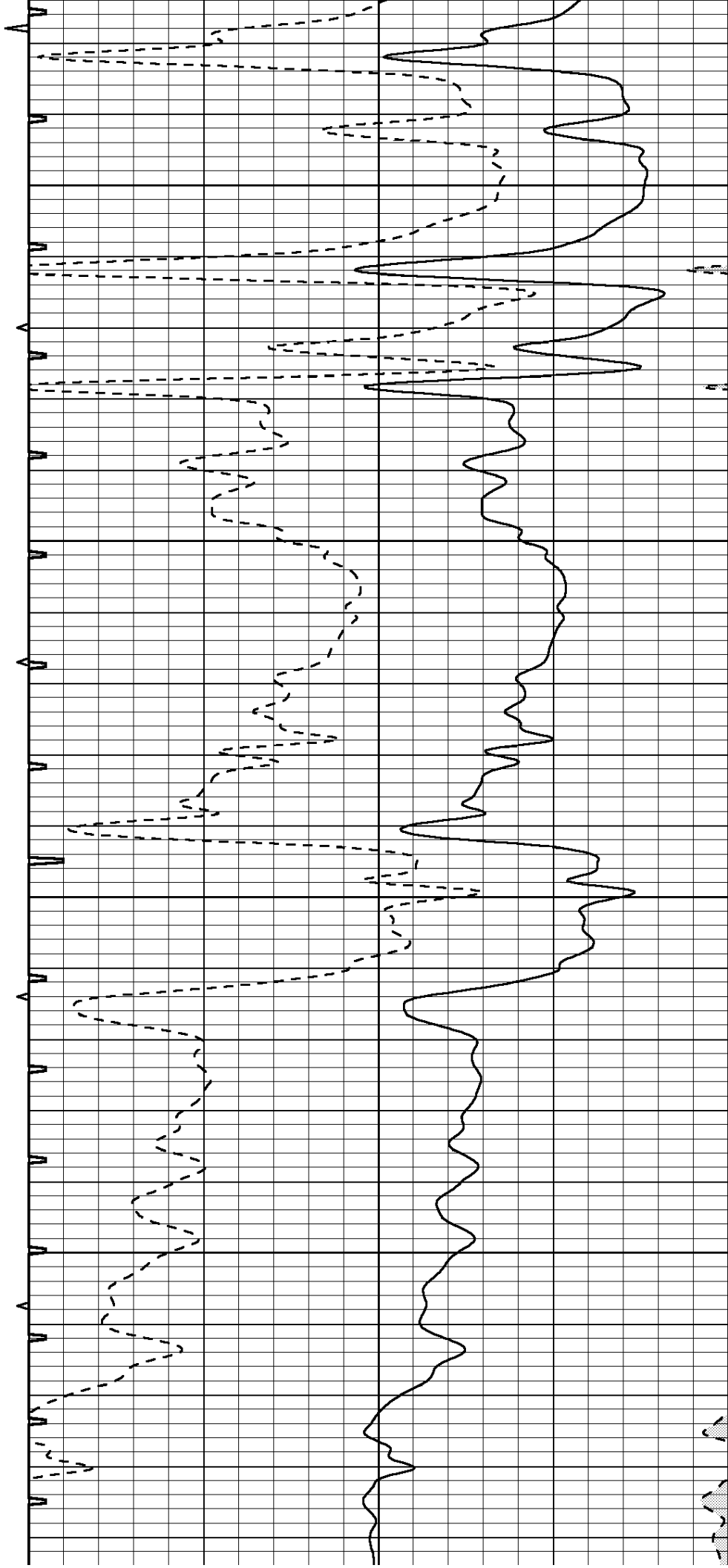


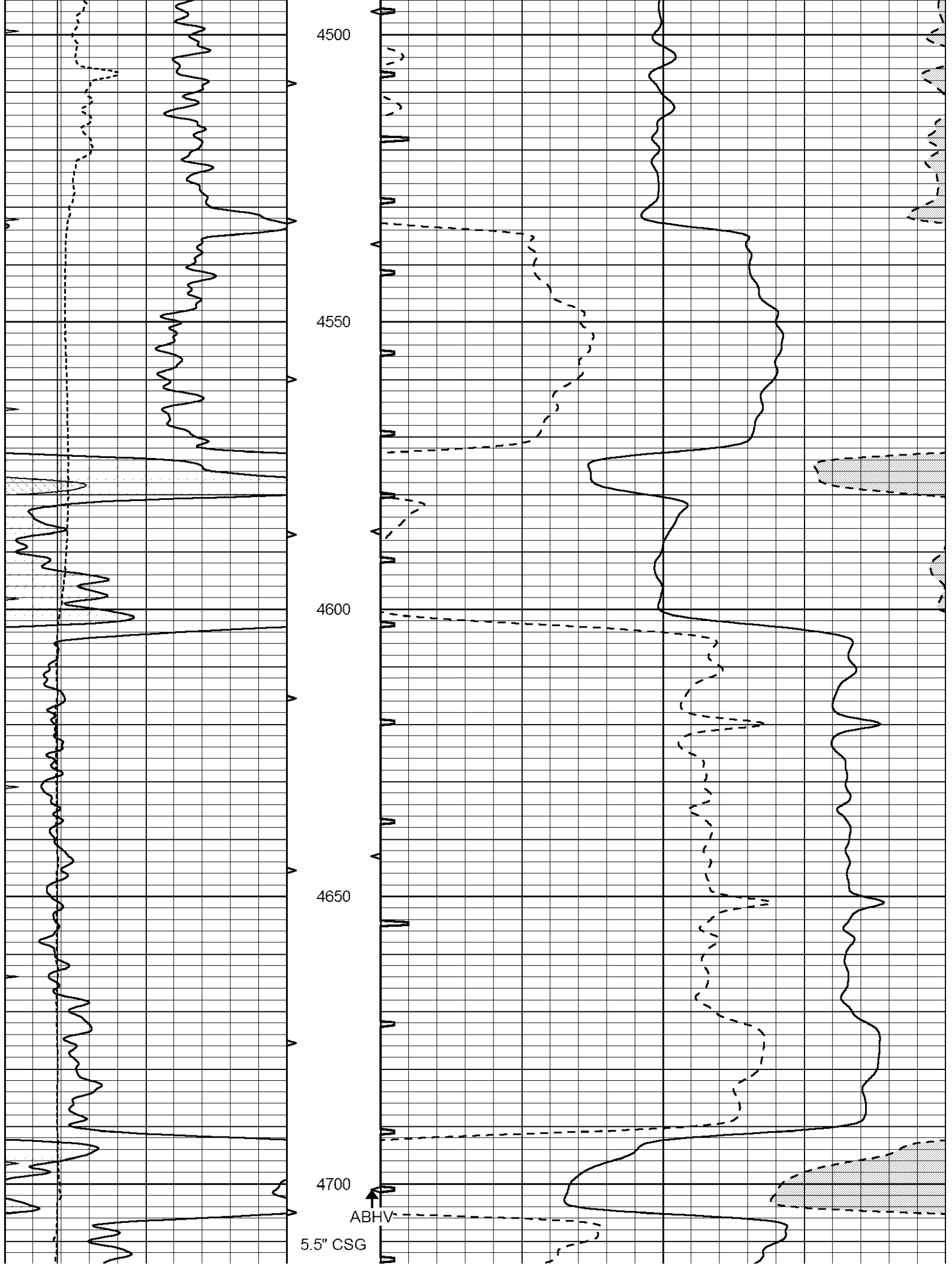
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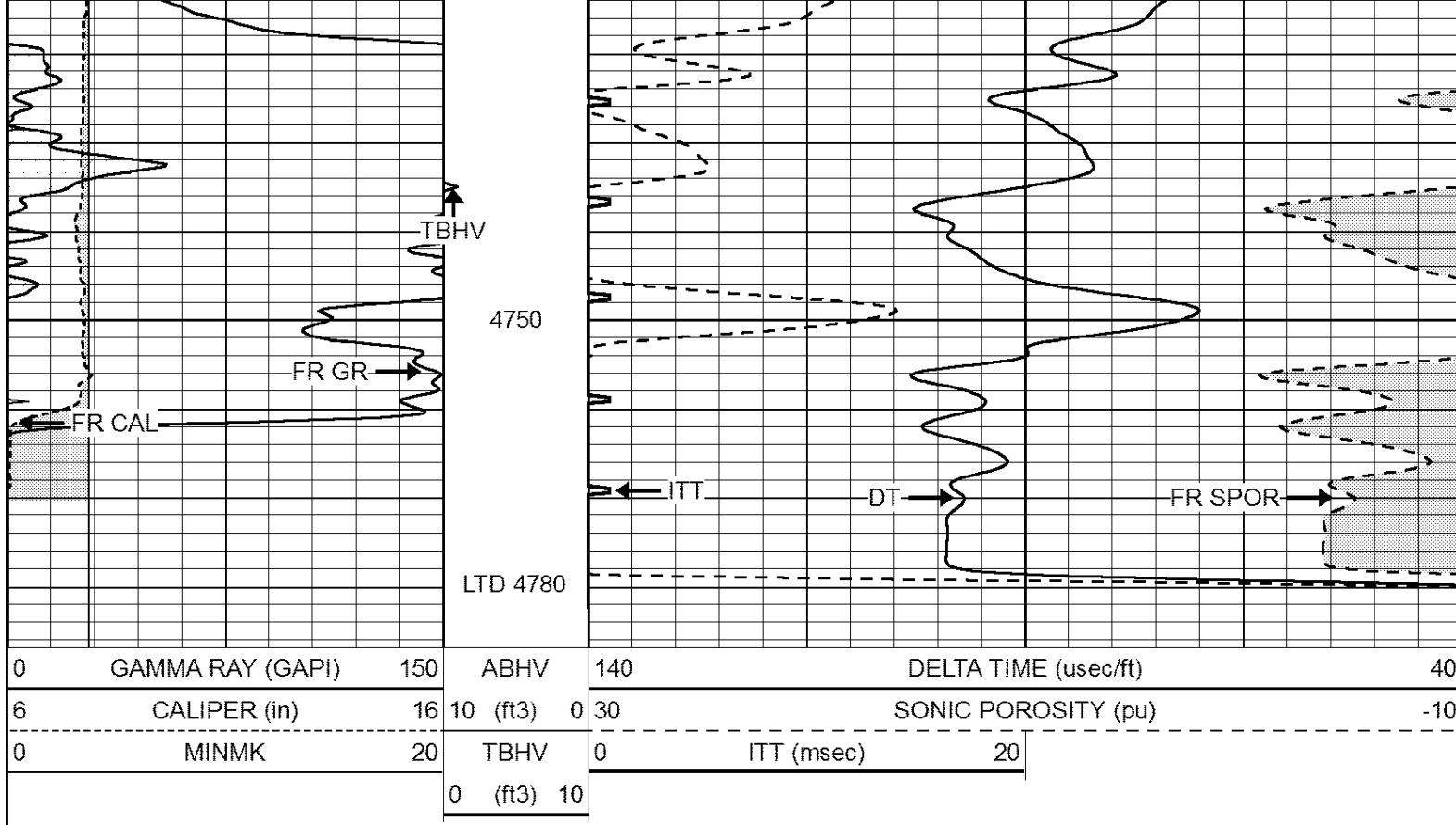
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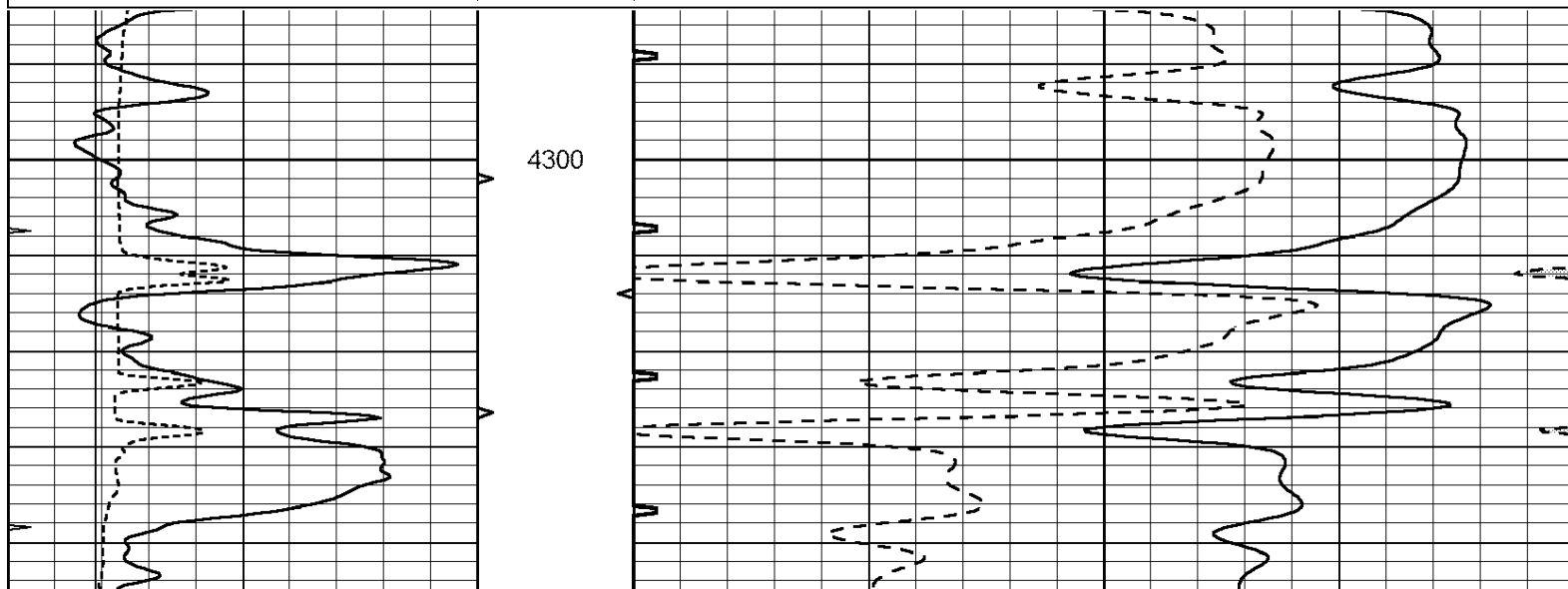
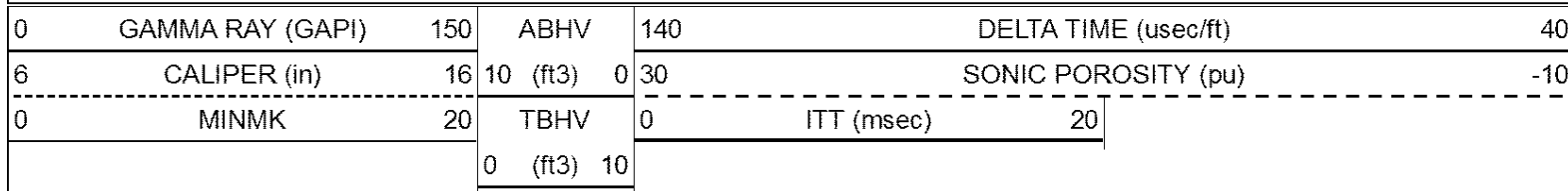


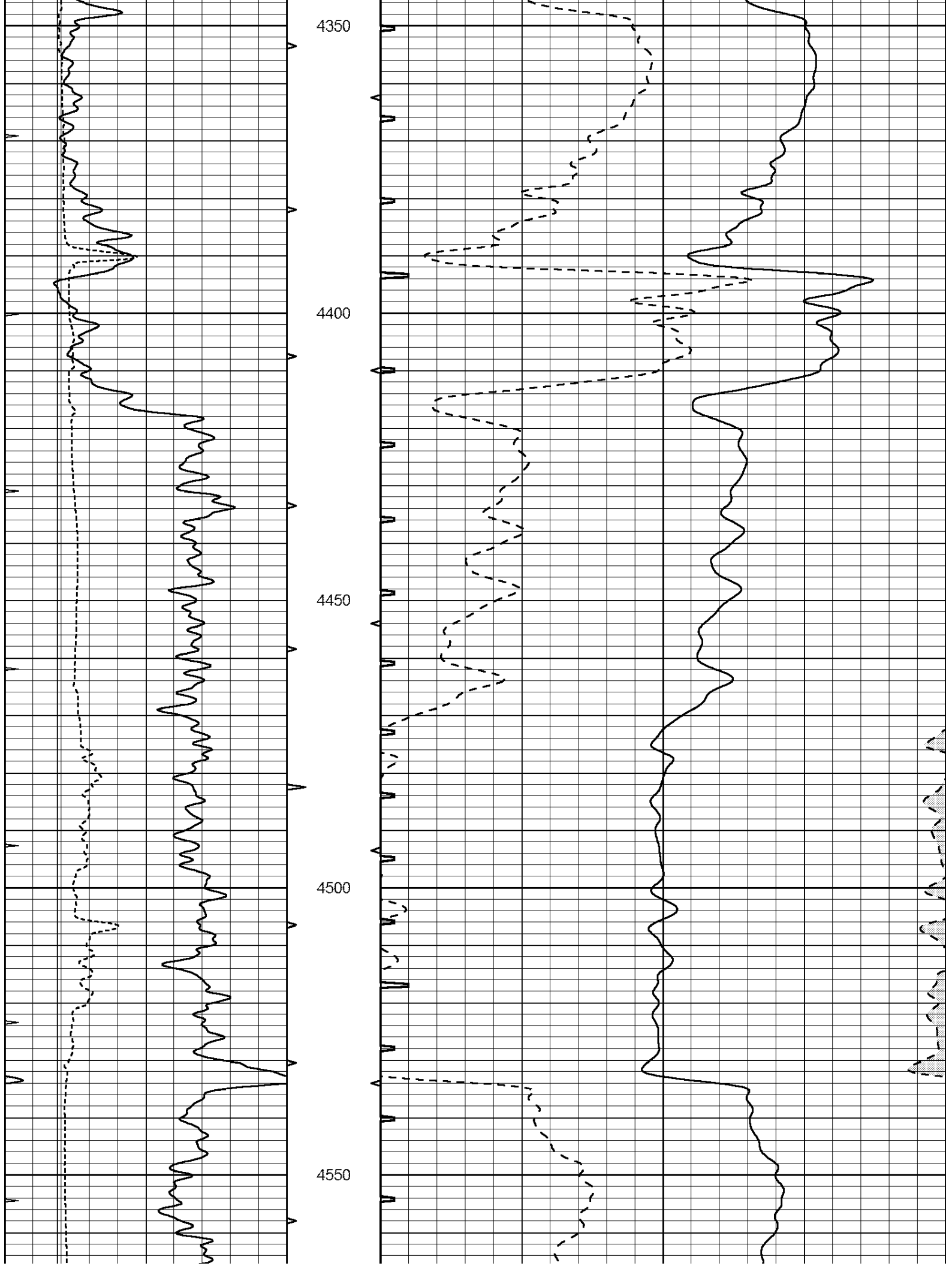


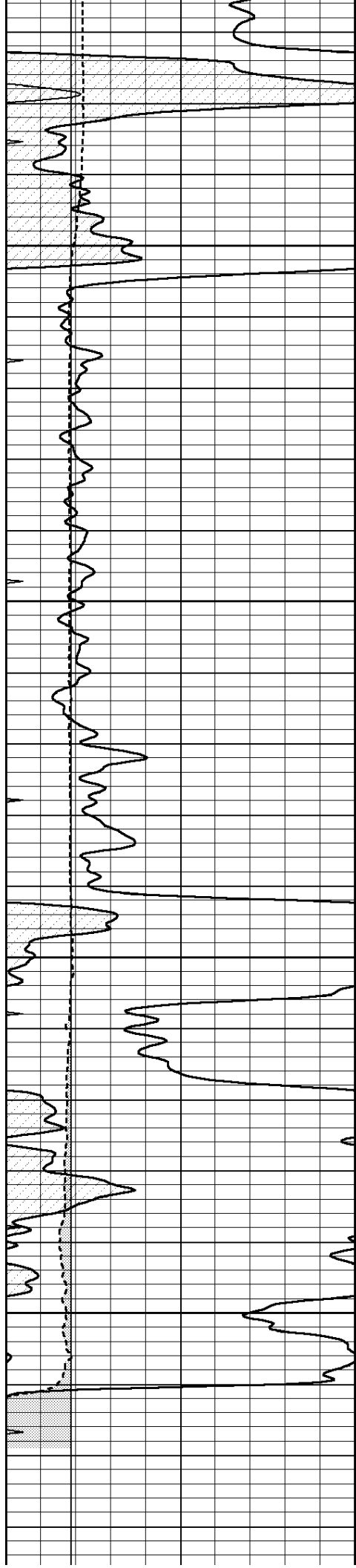


REPEAT SECTION

Database File: 010859pe.db
 Dataset Pathname: pass5.1
 Presentation Format: _slt
 Dataset Creation: Thu Mar 14 18:17:14 2013 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240





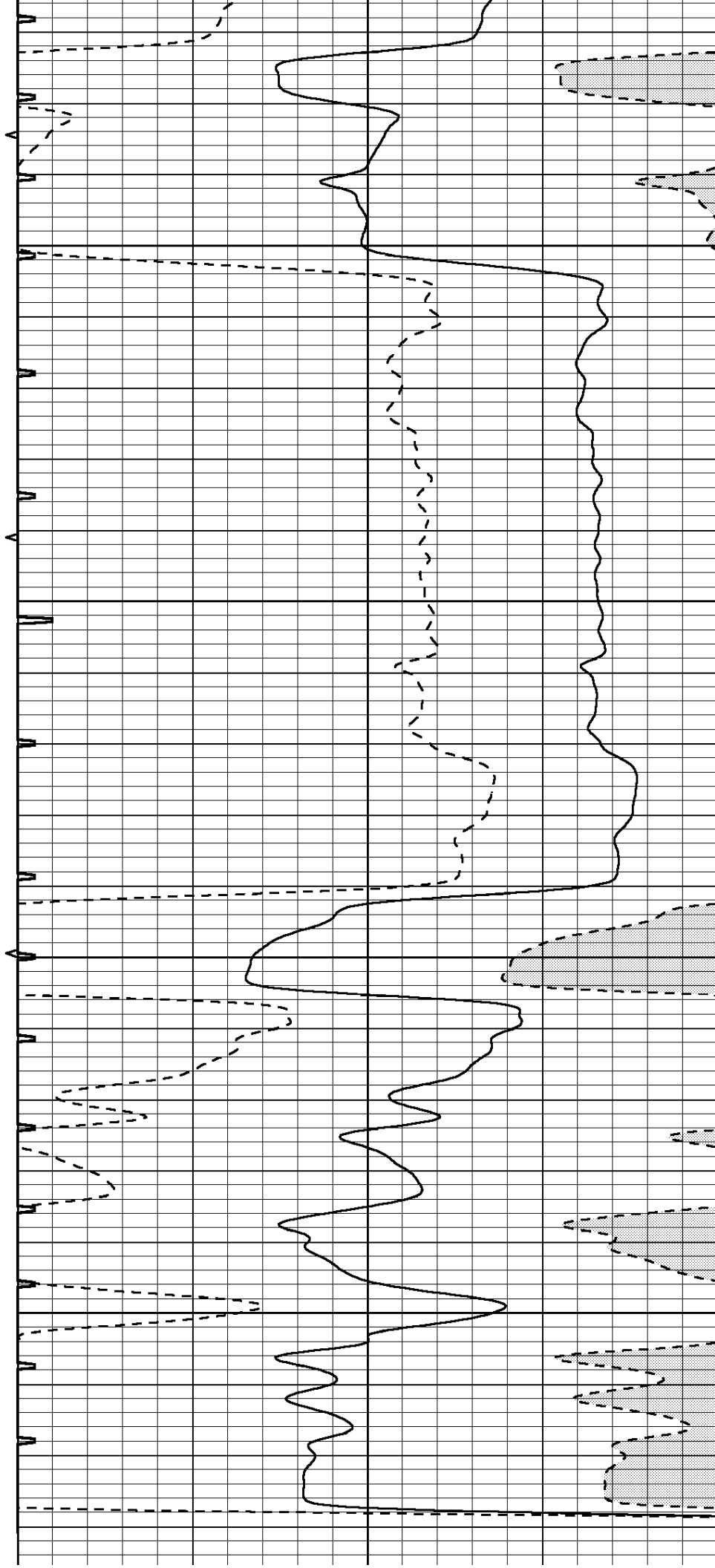


4600

4650

4700

4750



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