



SUPERIOR
Hays,
Kansas

SONIC LOG

Company		LOTUS OPERATING CO. LLC.	
Well		LADNER #1	
Field		STRANATHAN	
County		BARBER	
State		KANSAS	
Location:		API # : 15-007-23566-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 13' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 35 TWP 34S RGE 12W		Elevation	
600' FSL & 2260' FWL		CDL/CNL/PE	
		DIL/MEL	
		Elevation	
		K.B. 1430	
		D.F. 1428	
		G.L. 1417	
Date	8/15/10		
Run Number	TWO		
Depth Driller	5220		
Depth Logger	5222		
Bottom Logged Interval	5209		
Top Log Interval	3600		
Casing Driller	10 3/4"@260'		
Casing Logger	260		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4,500 PPM	
Density / Viscosity	9.5/49		
pH / Fluid Loss	10.5/8.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.600@99F		
Rmf @ Meas. Temp	.450@99F		
Rmc @ Meas. Temp	.720@99F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.468@127F		
Time Circulation Stopped	5.5 HOURS		
Time Logger on Bottom	2:20 P.M.		
Maximum Recorded Temperature	127F		
Equipment Number	0836		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	JOE BAKER		

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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 HAYS, KANSAS (785) 628-6395
DIRECTIONS
MEDICINE LODGE, KS., 16S. ON HWY 281 TO MM #8, (RATTLESNAKE TRAIL RD.) 1W., 1S., 1W., N. INTO

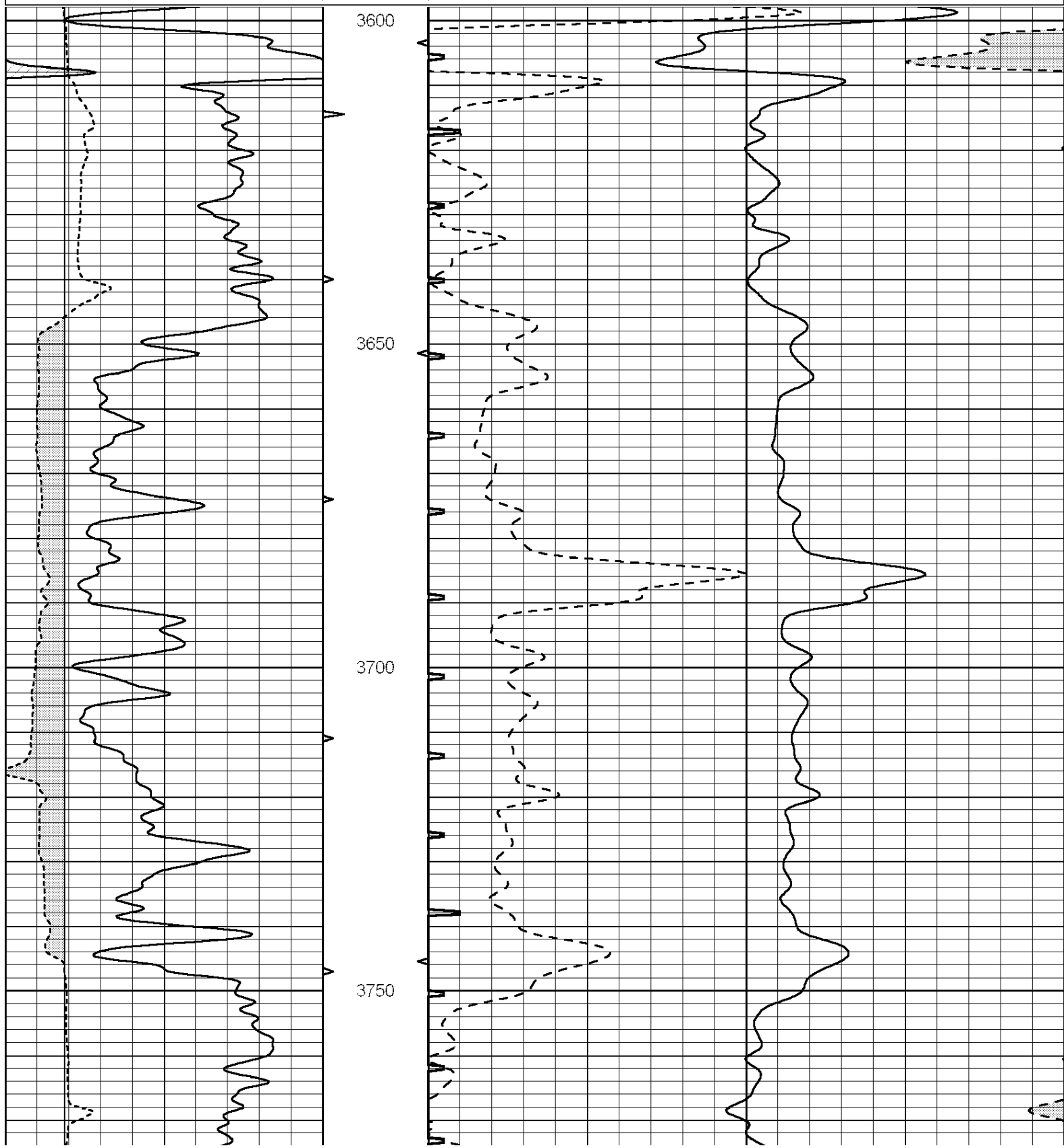


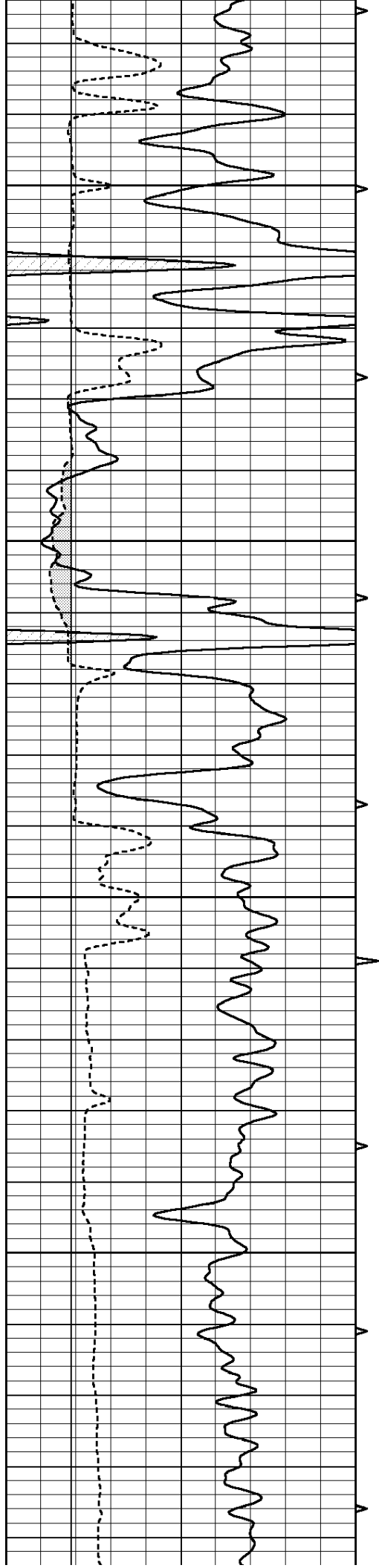
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MAIN SECTION

Database File: 005583pe.db
Dataset Pathname: pass6.4
Presentation Format: slt
Dataset Creation: Sun Aug 15 18:35:39 2010
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			



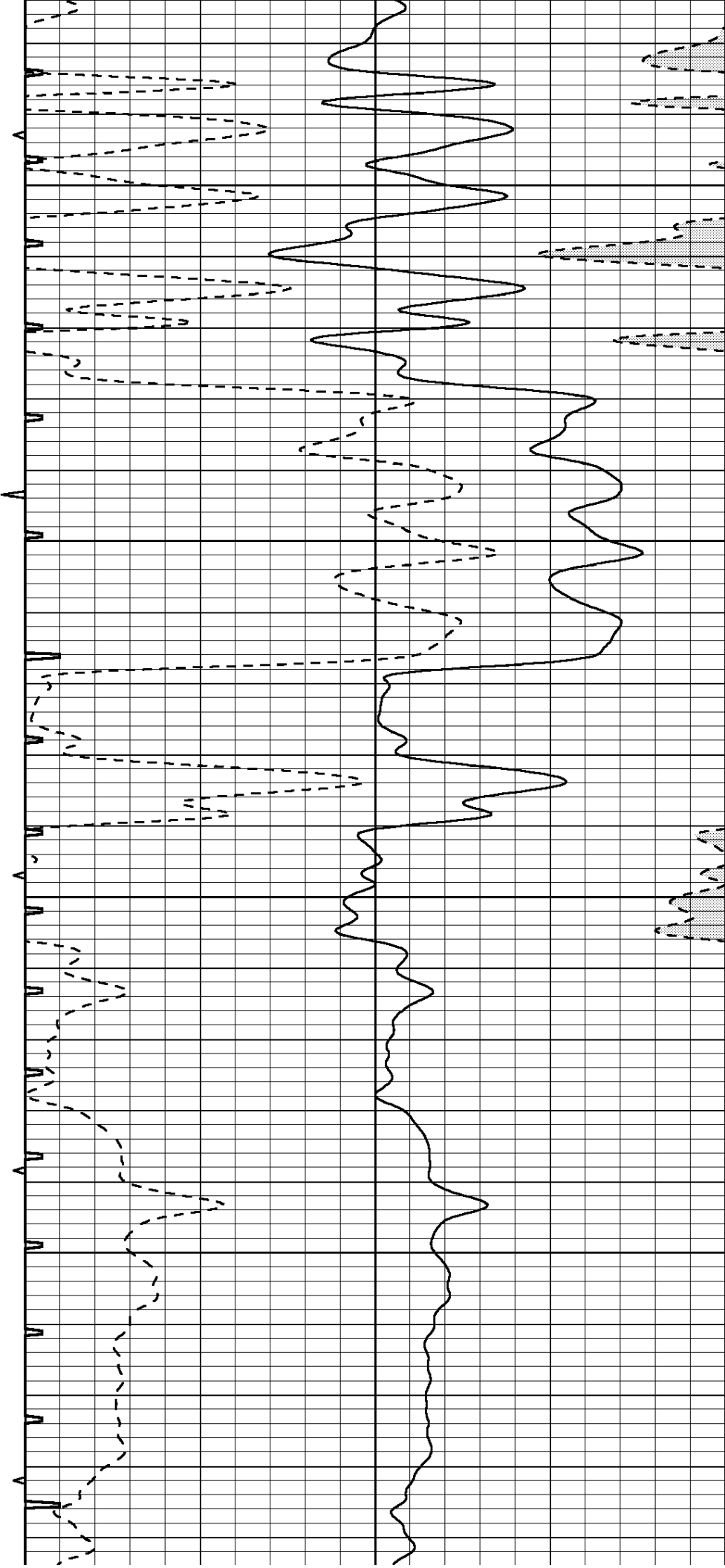


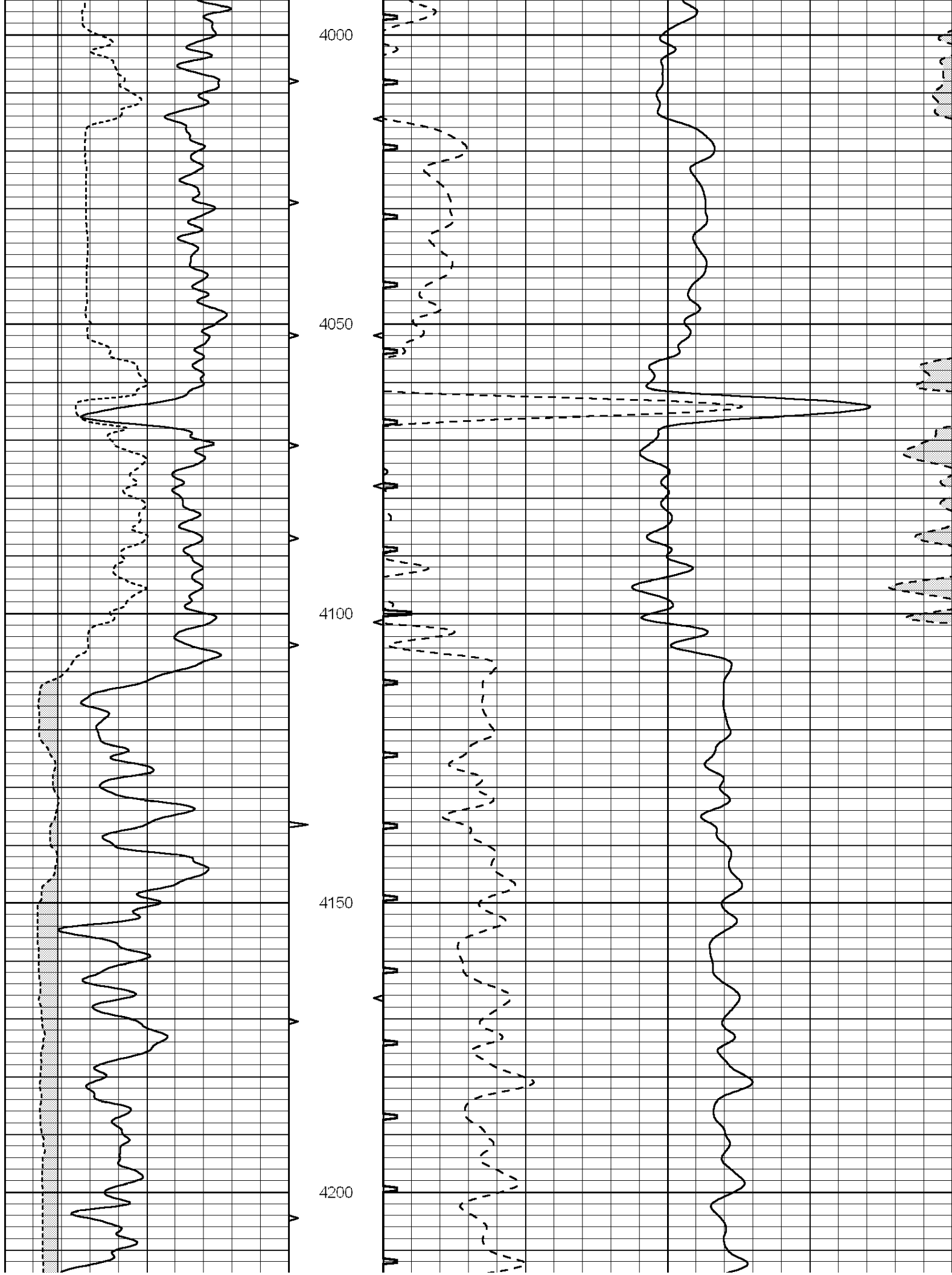
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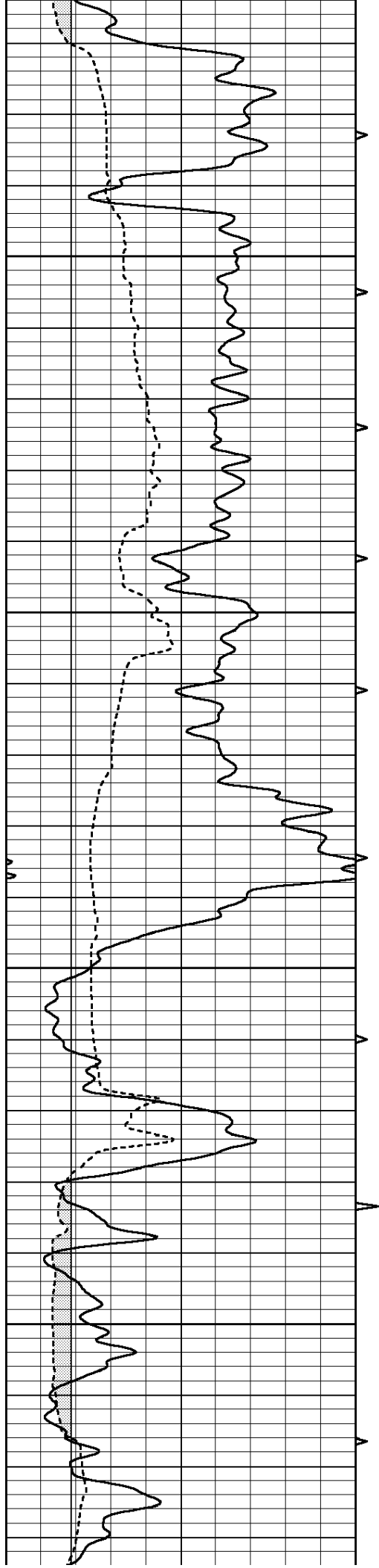
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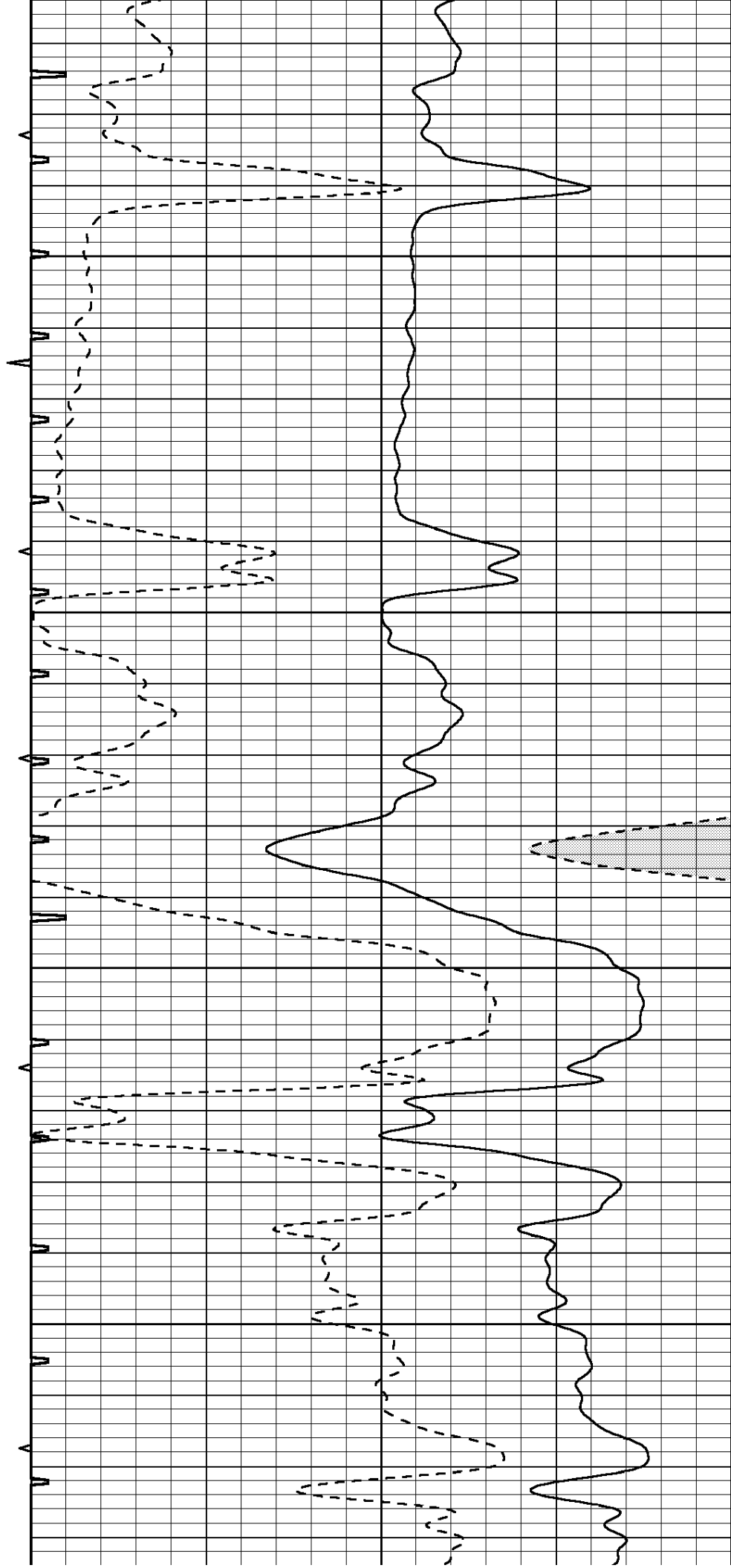


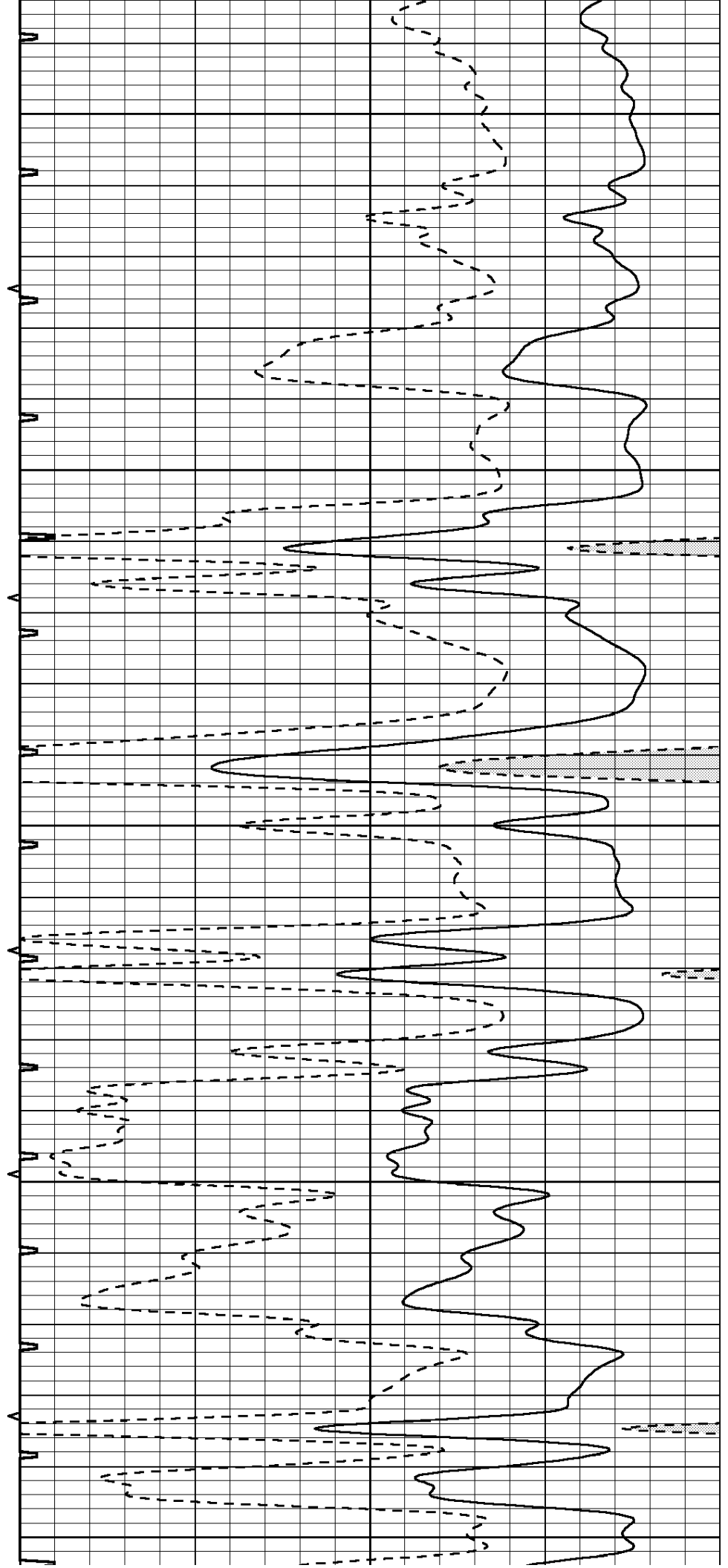
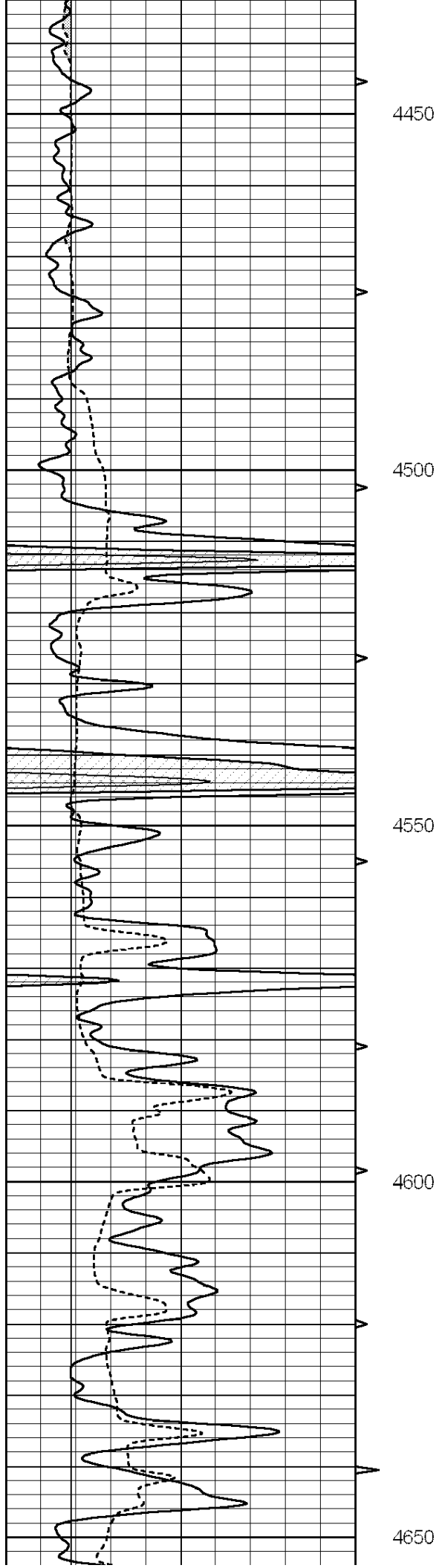
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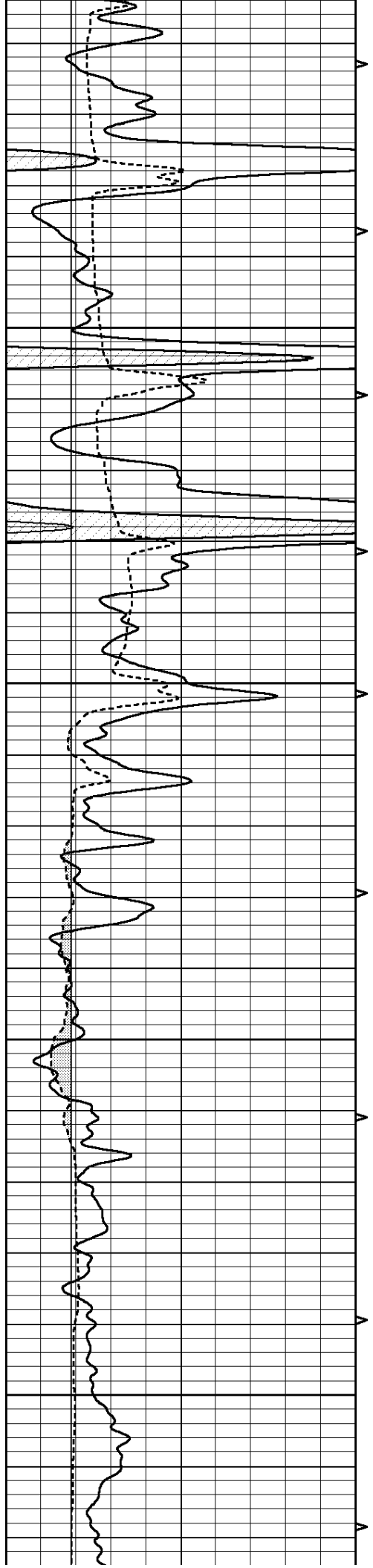
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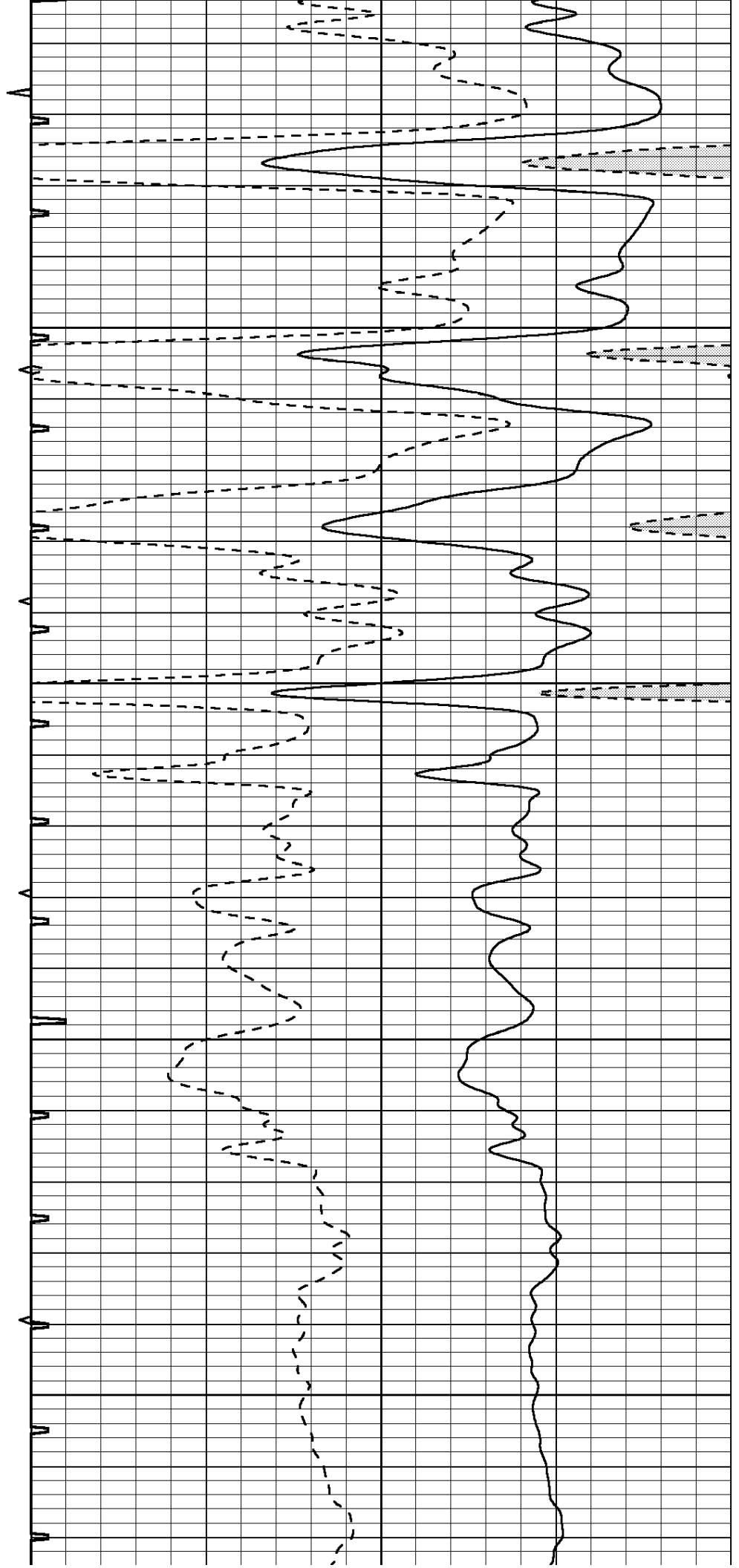


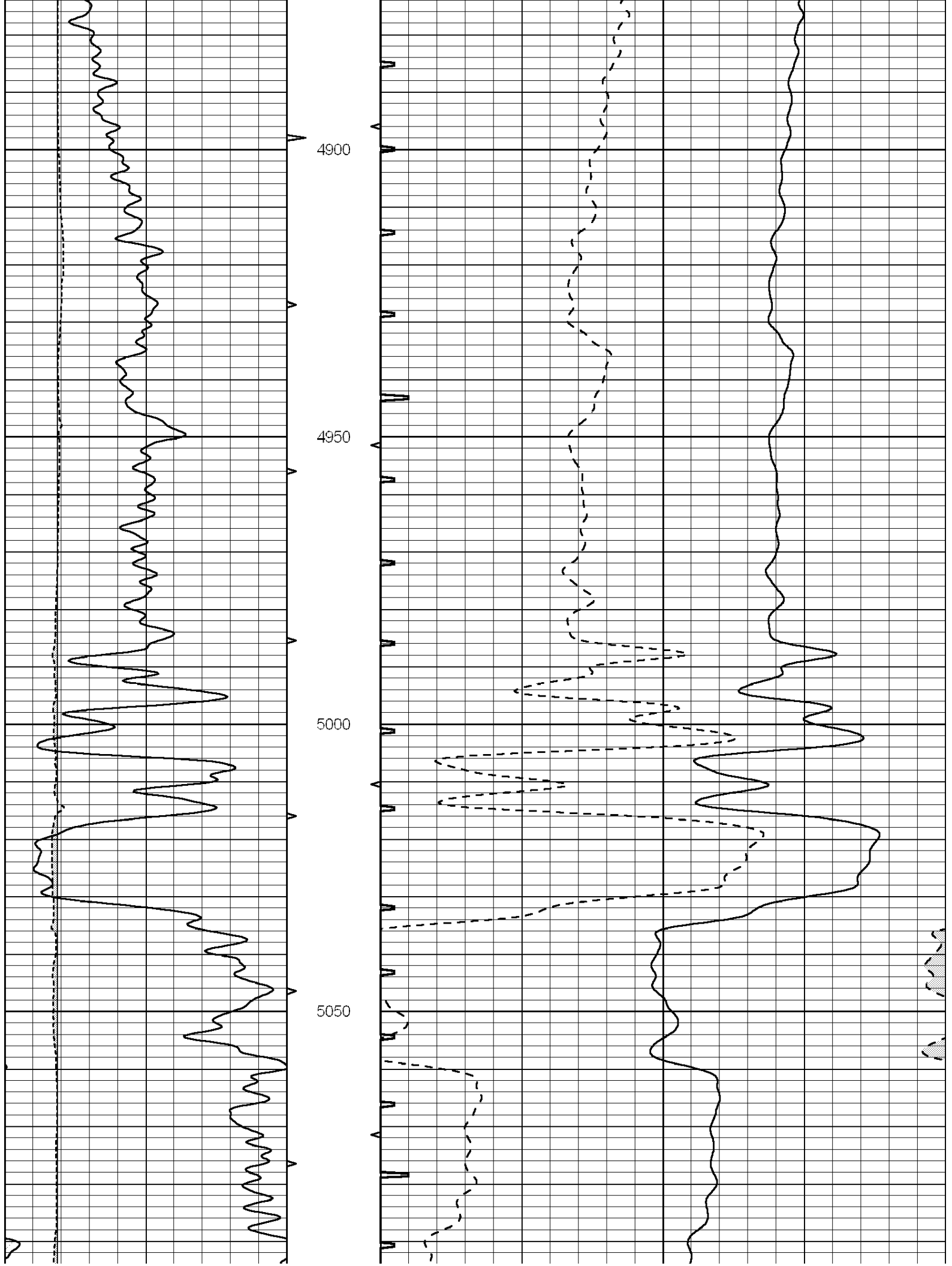
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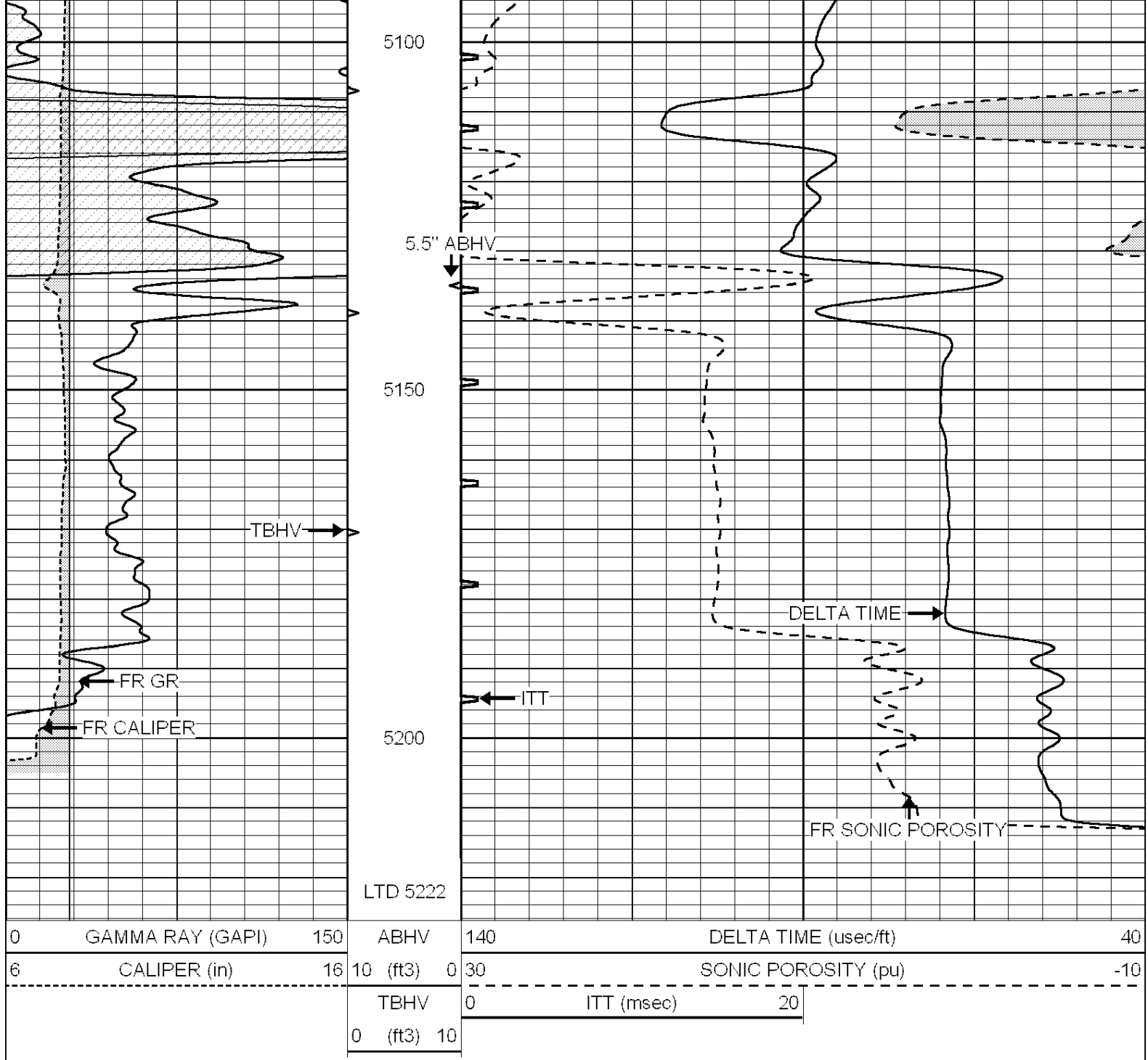
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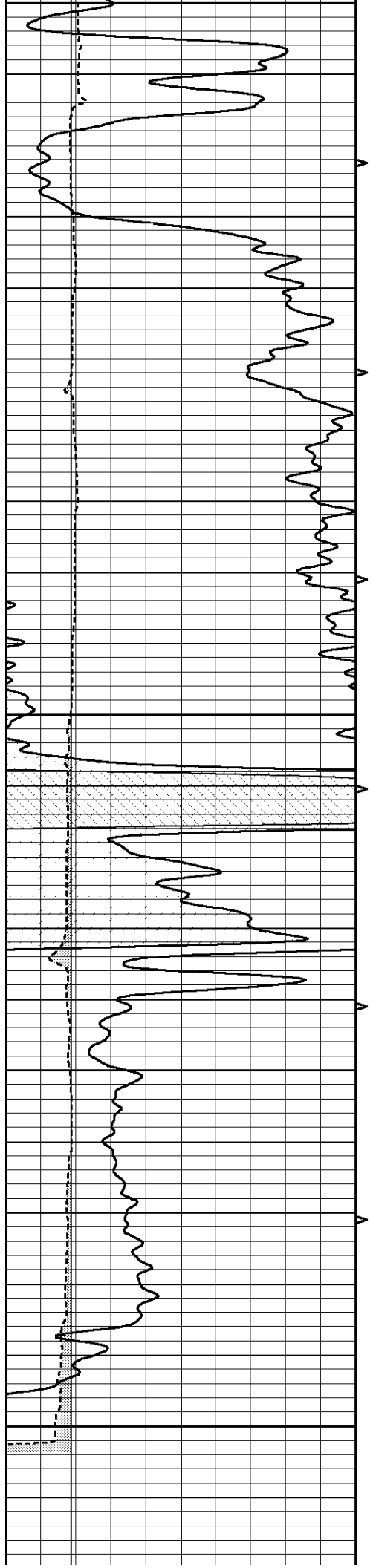


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REPEAT SECTION

Database File: 005583pe.db
 Dataset Pathname: pass5.3
 Presentation Format: slt
 Dataset Creation: Sun Aug 15 17:30:24 2010 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)
			TBHV	0	ITT (msec)	20
			0 (ft3)	10		



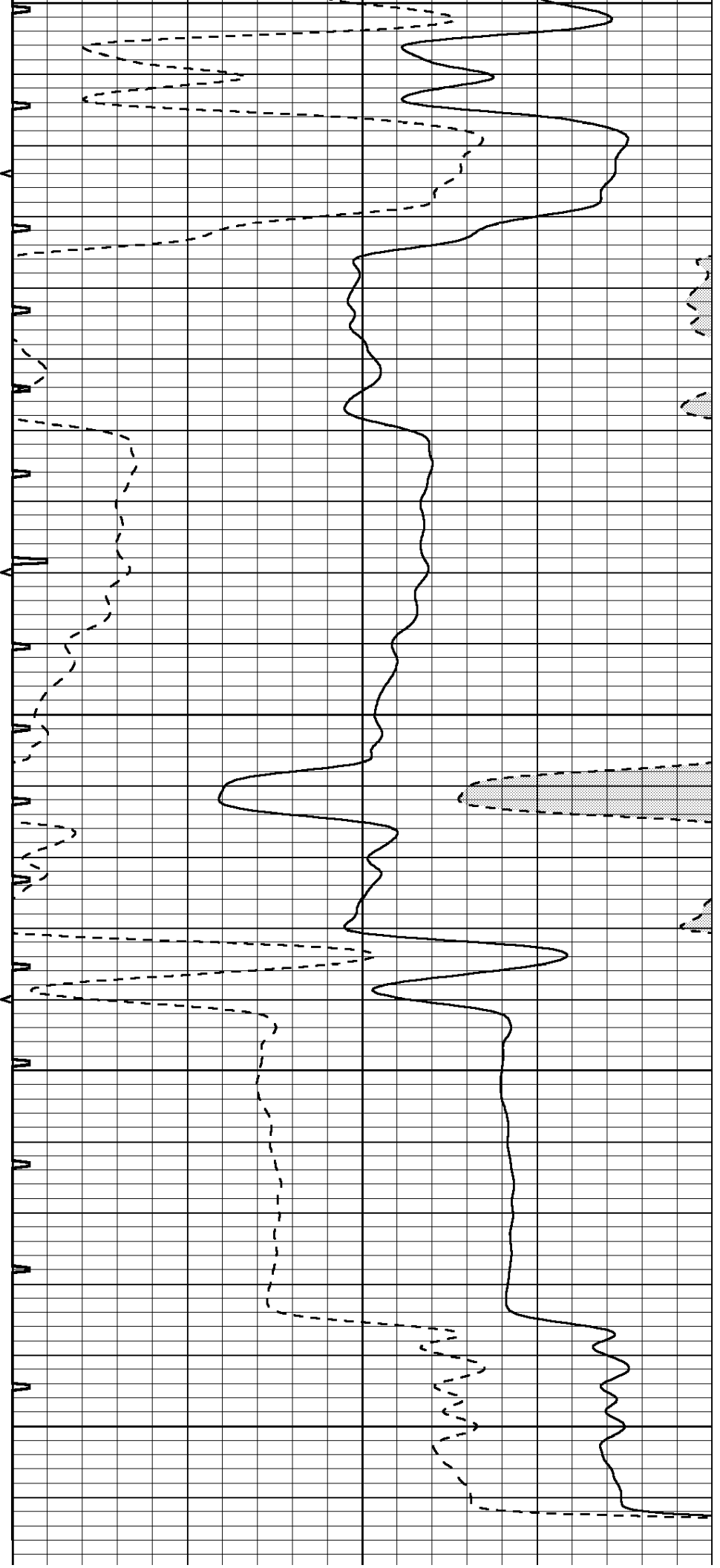
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5050

5100

5150

5200



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									