



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company		VALHALLA WXPLORATION, LLC.	
Well		BARCLAY #1-3	
Field		PRITCHARD	
County		STAFFORD	
State		KANSAS	
Company		VALHALLA EXPLORATION, LLC.	
Well		BARCLAY #1-3	
Field		PRITCHARD	
County		STAFFORD	
State		KANSAS	
Location:		API # : 15-185-23846-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 8' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 3		TWP 21S	
RGE 14W		Elevation	
1534' FNL & 2216' FWL		K.B. 1931	
		D.F. 1929	
		G.L. 1923	
		CDL/CNL/PE	
		DIL/MEL	
Date	1/9/14		
Run Number	TWO		
Depth Driller	3760		
Depth Logger	3761		
Bottom Logged Interval	3753		
Top Log Interval	800		
Casing Driller	8 5/8"@825'		
Casing Logger	824		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5,800 PPM	
Density / Viscosity	9.2/56		
pH / Fluid Loss	11.0/7.6		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.670@62F		
Rmf @ Meas. Temp	.503@62F		
Rmc @ Meas. Temp	.804@62F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.364@114F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	6:15 A.M.		
Maximum Recorded Temperature	114F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	DEREK PATTERSON		

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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, KANSAS (785) 628-6395
DIRECTIONS

GREAT BEND, KS., 7S. ON HWY 281 TO (STAFFORD COUNTY LINE) 6W. ON "RD. 70", S. INTO



NABORS

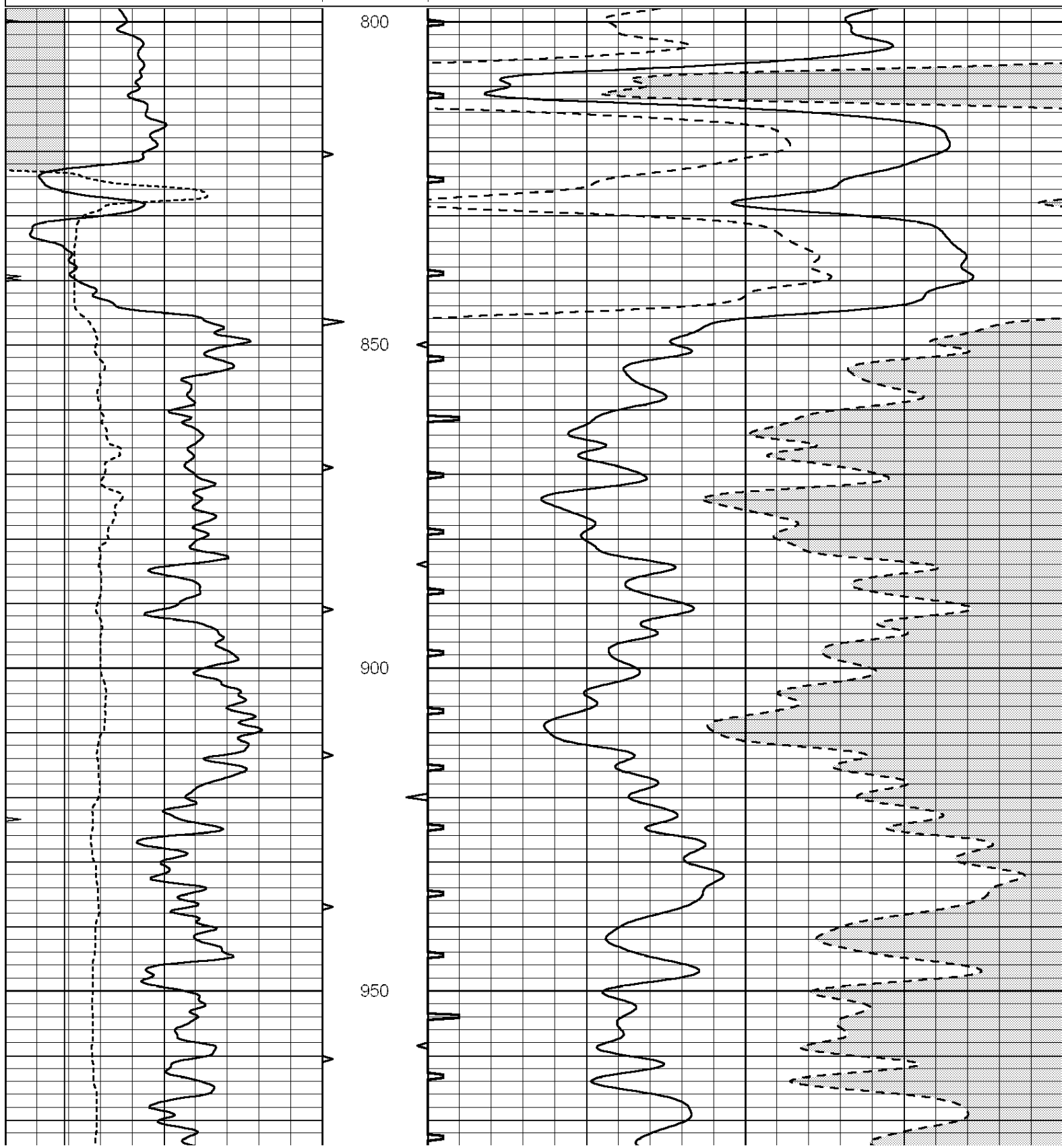
**COMPLETION
& PRODUCTION**

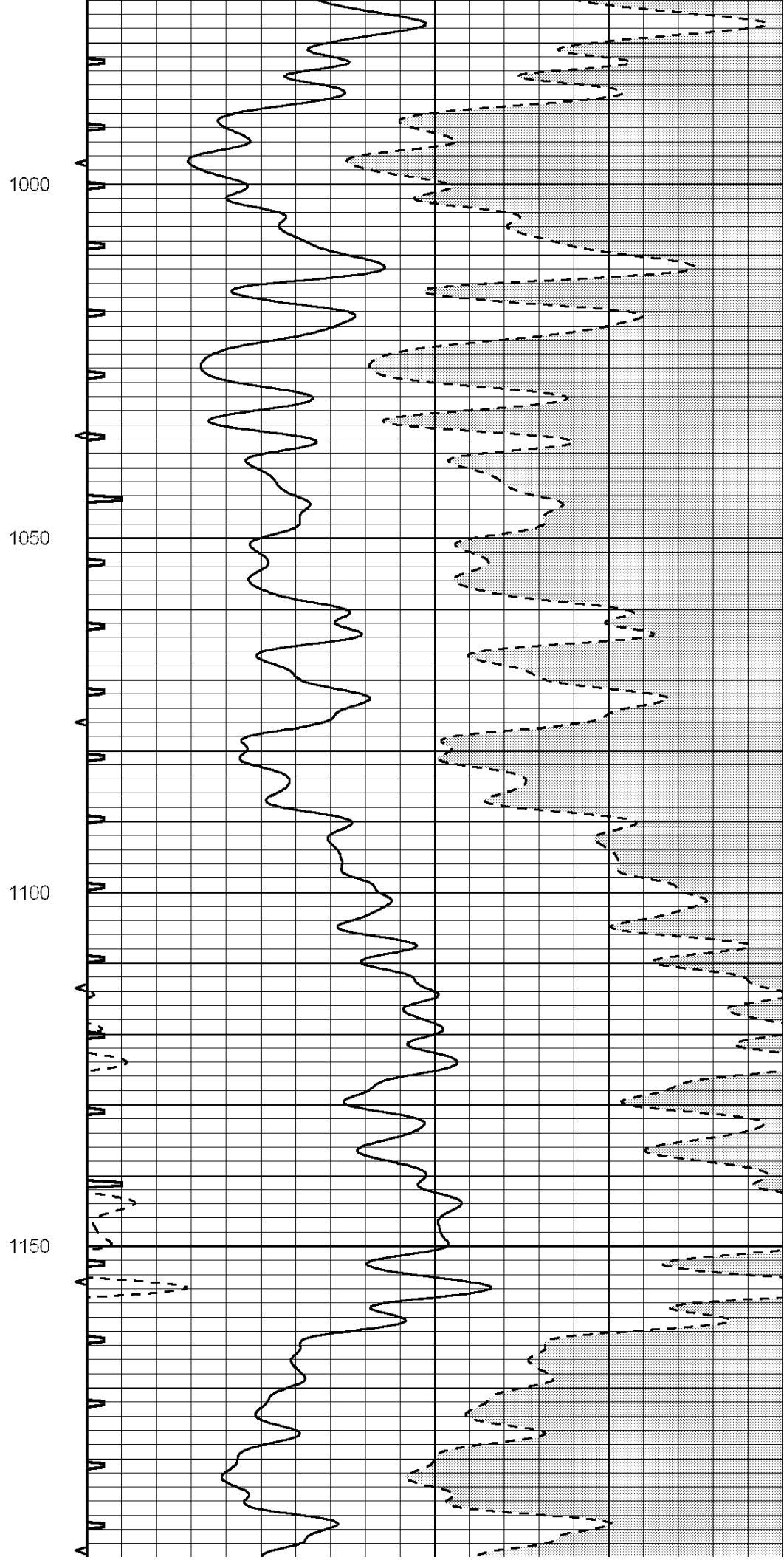
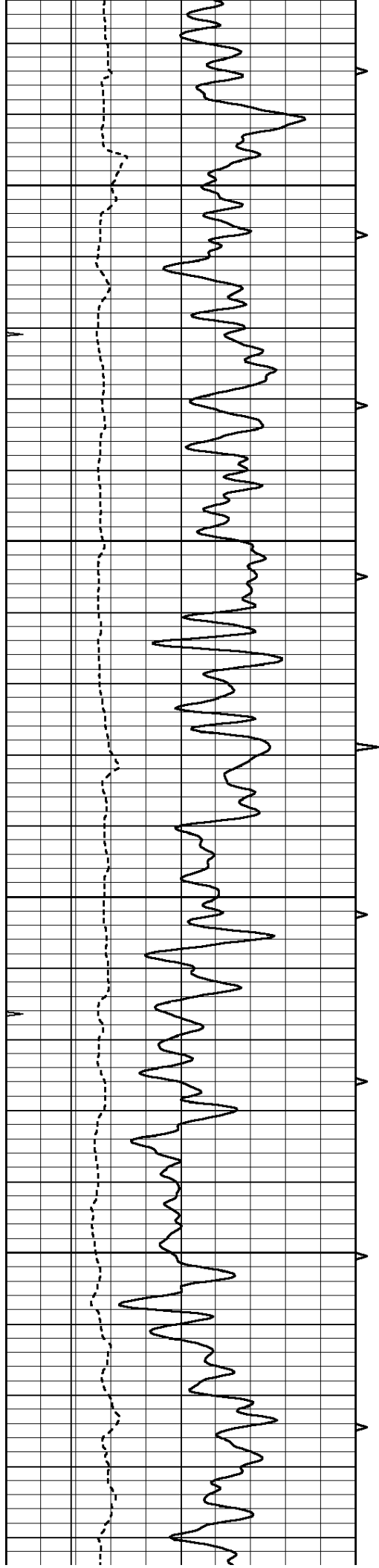
MAIN SECTION

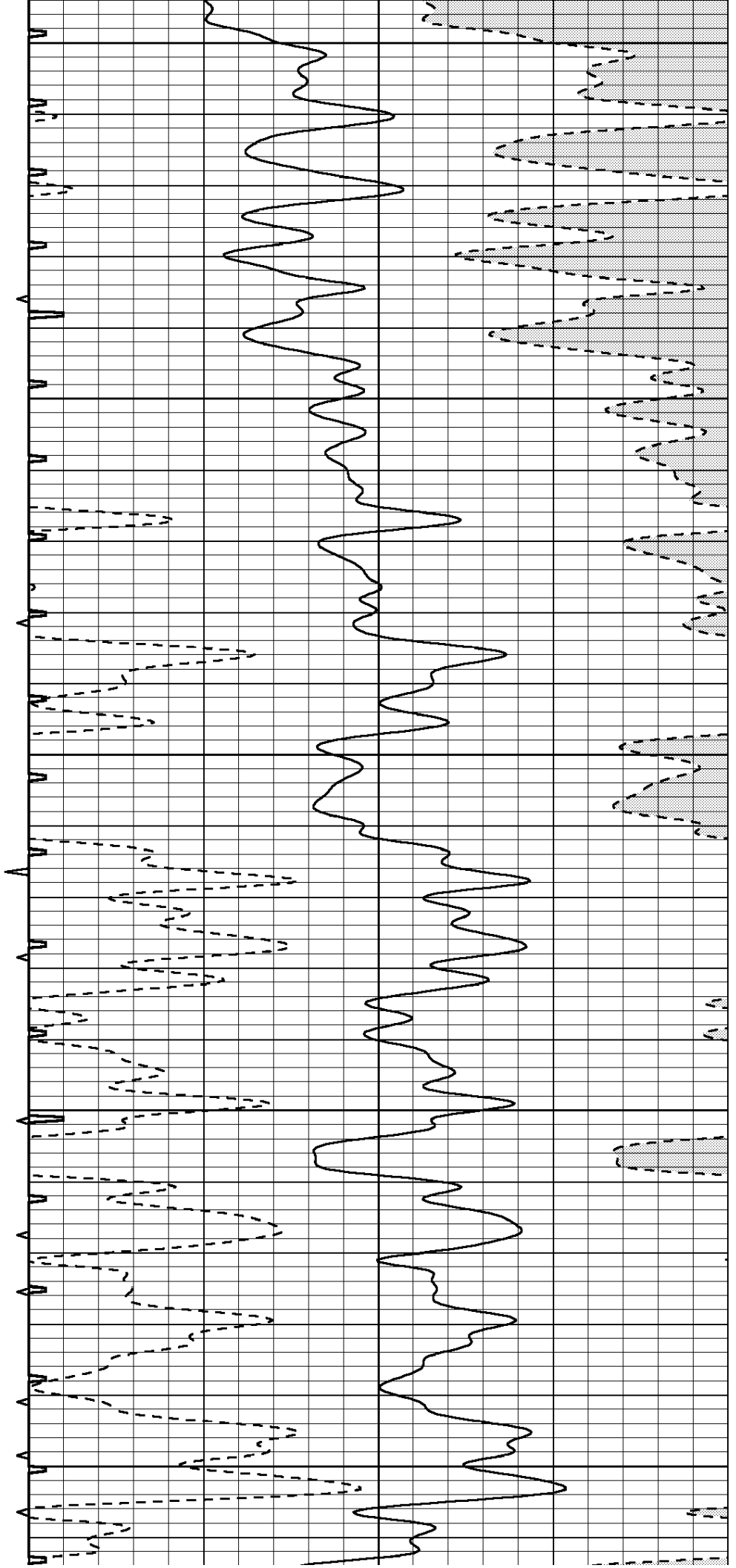
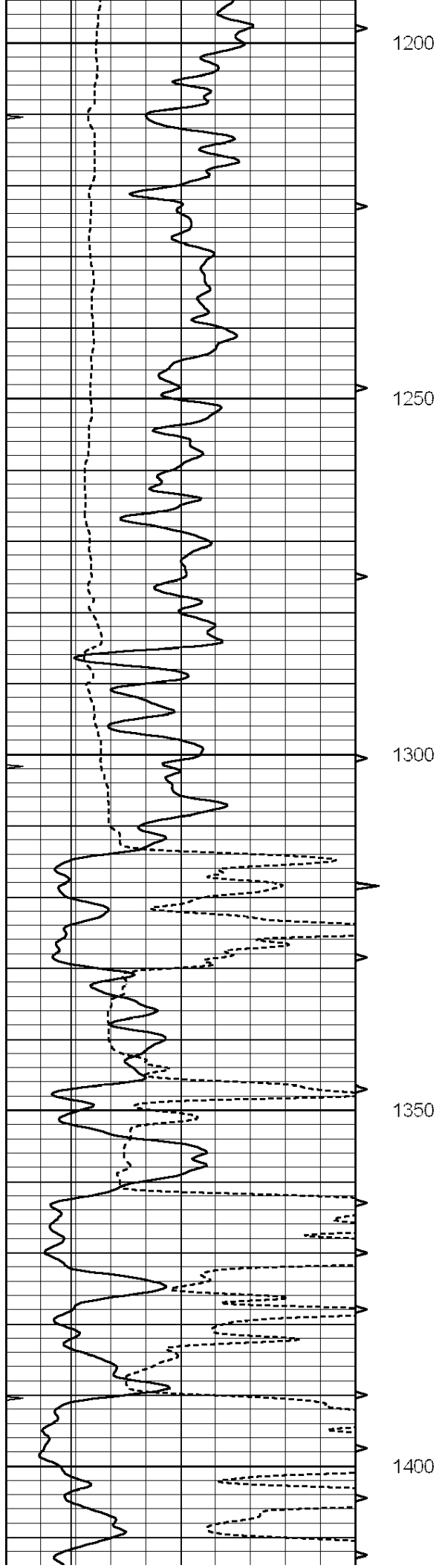
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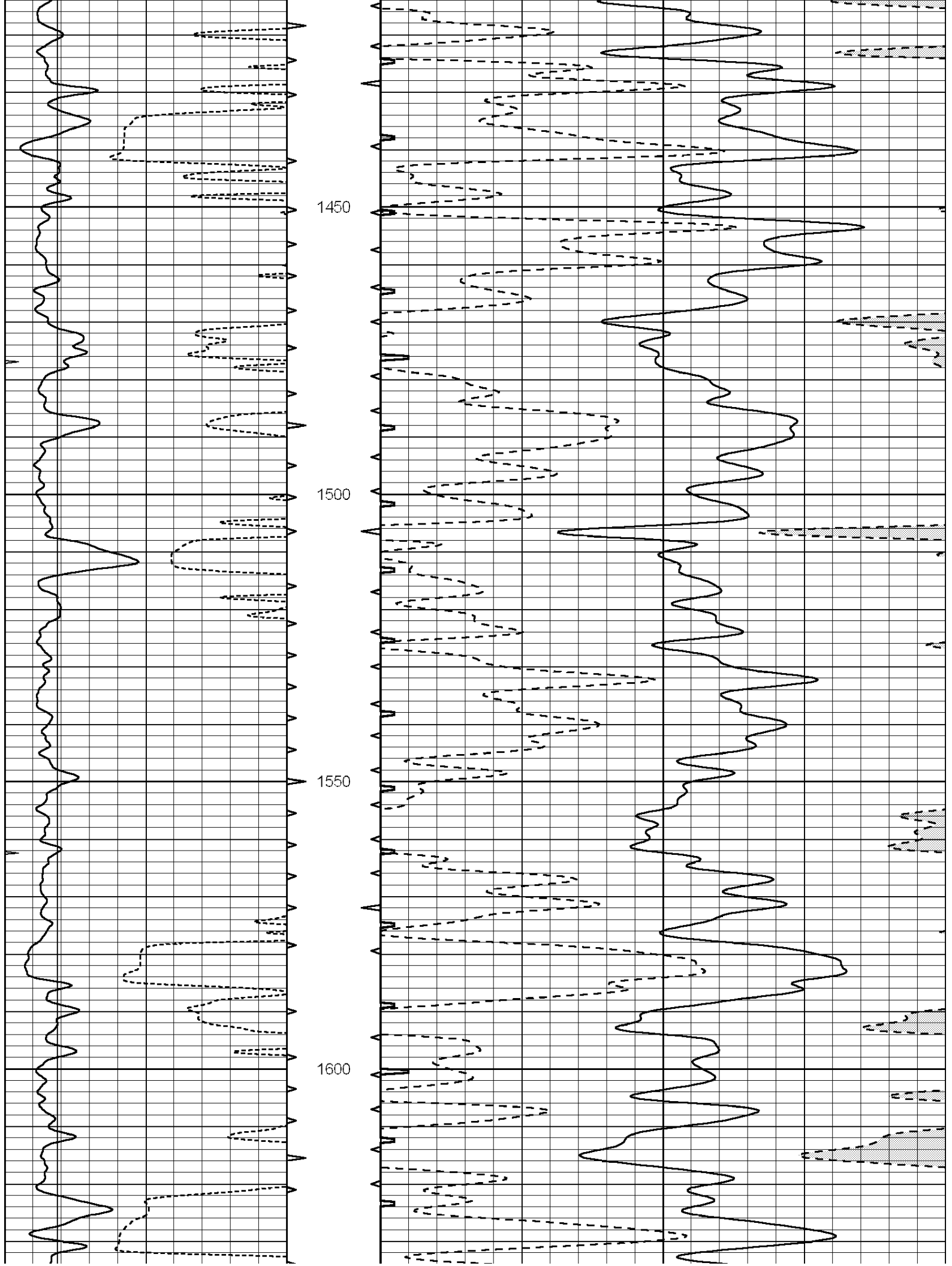
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)		40	
6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)		-10

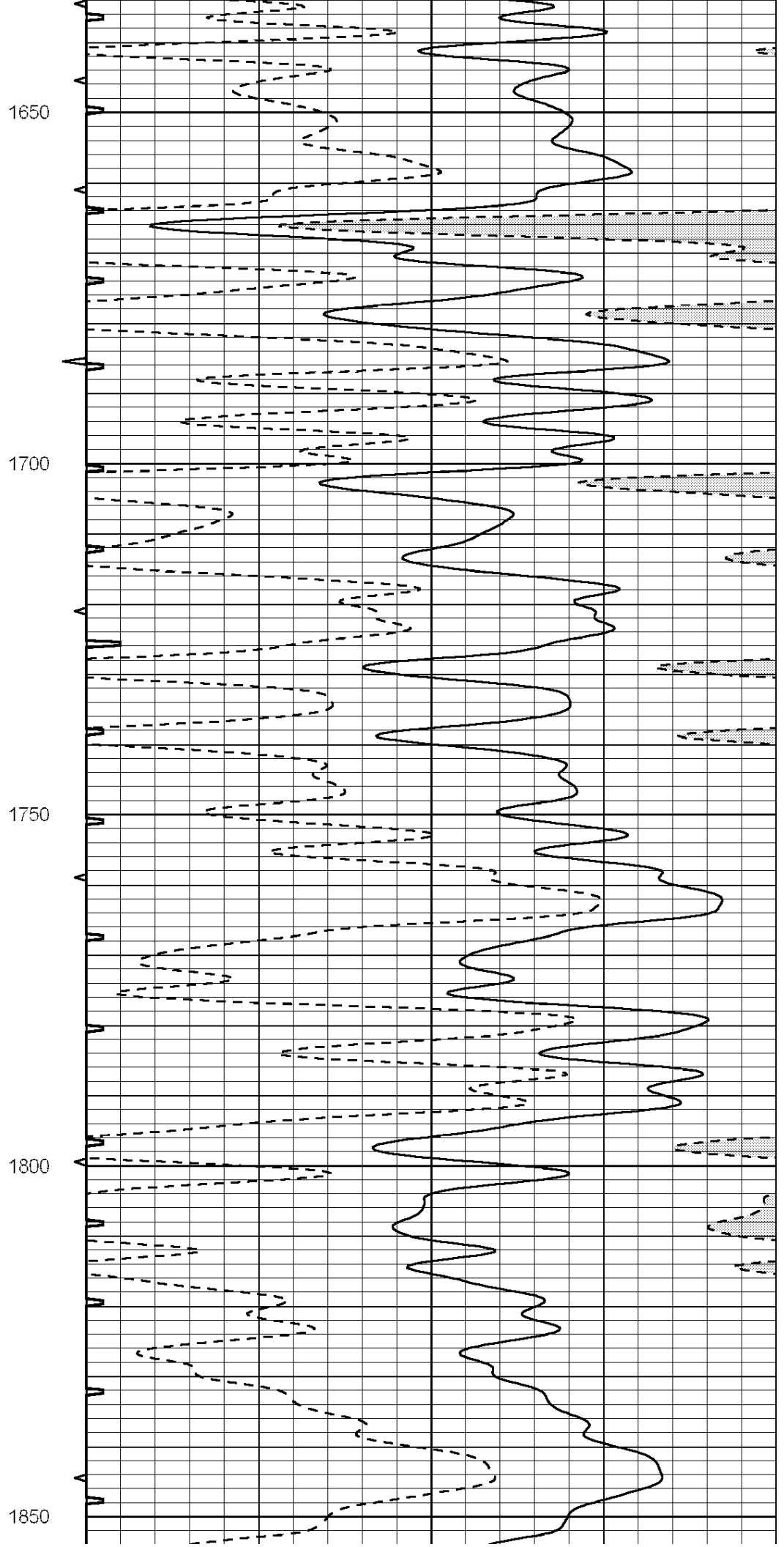
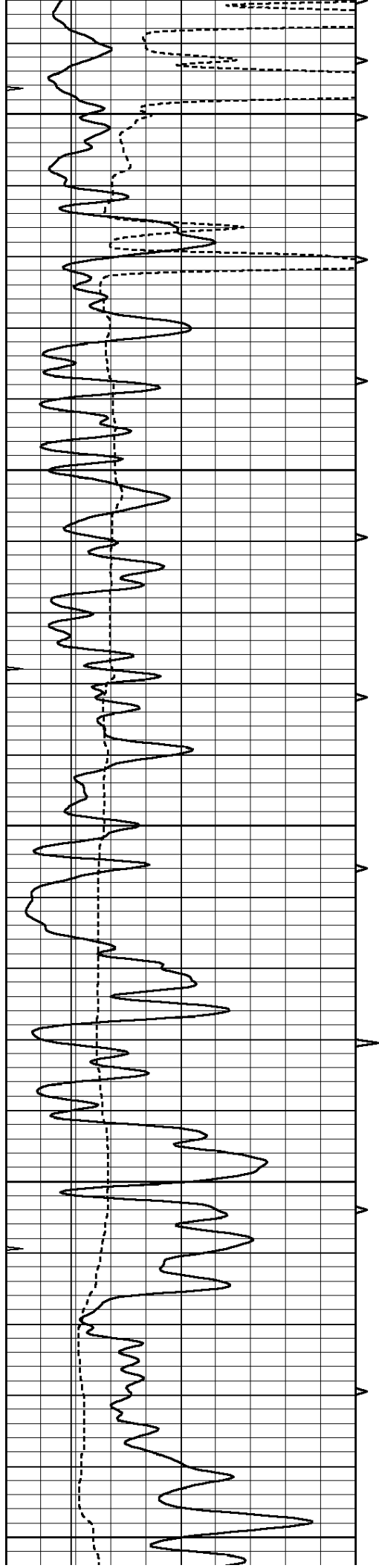
0	MINMK	20	TBHV	0	ITT (msec)		20	
			0 (ft3)	10				

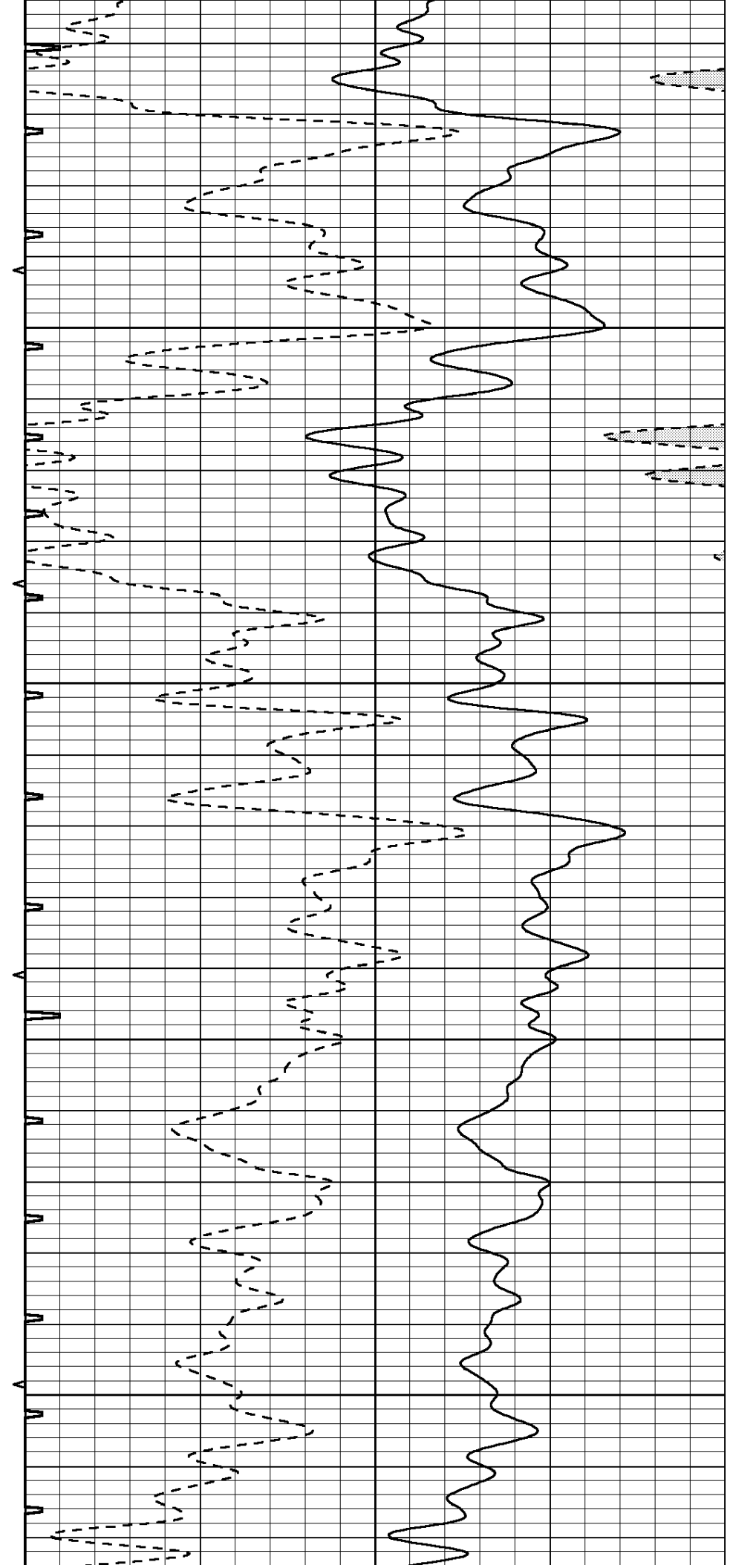
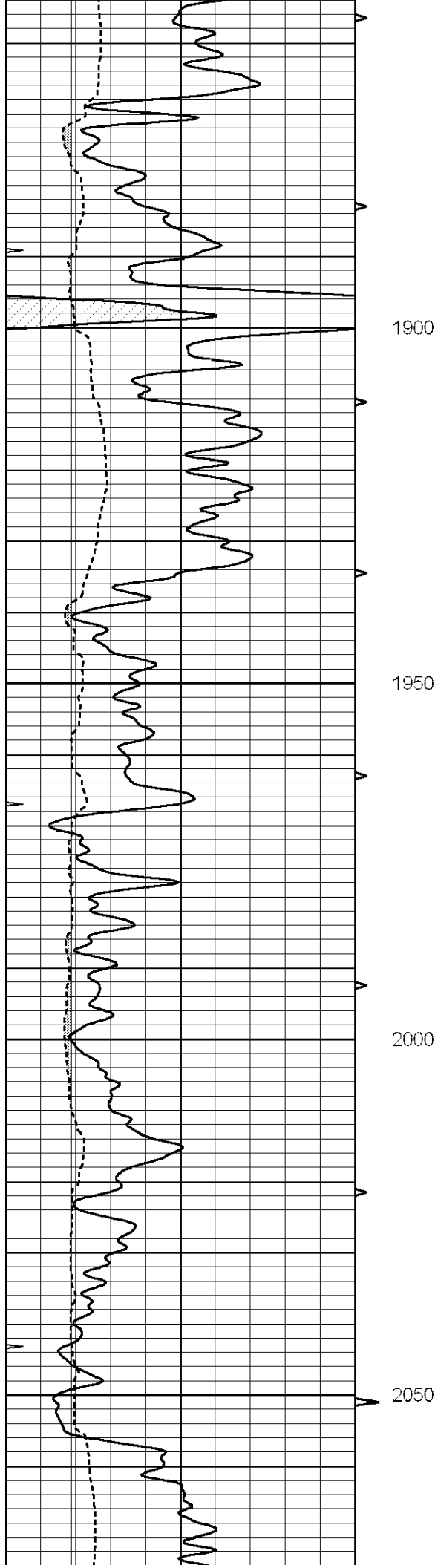


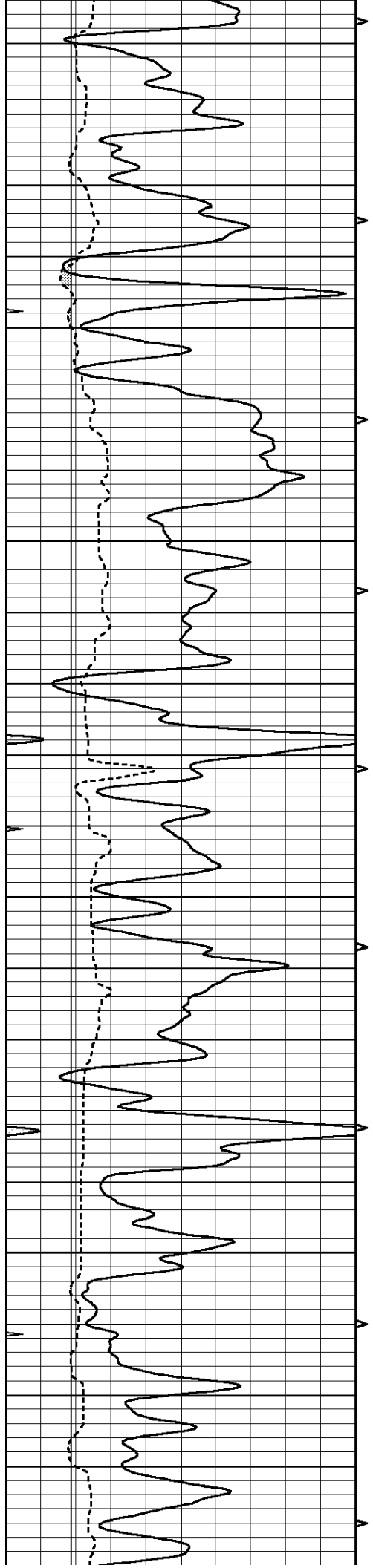










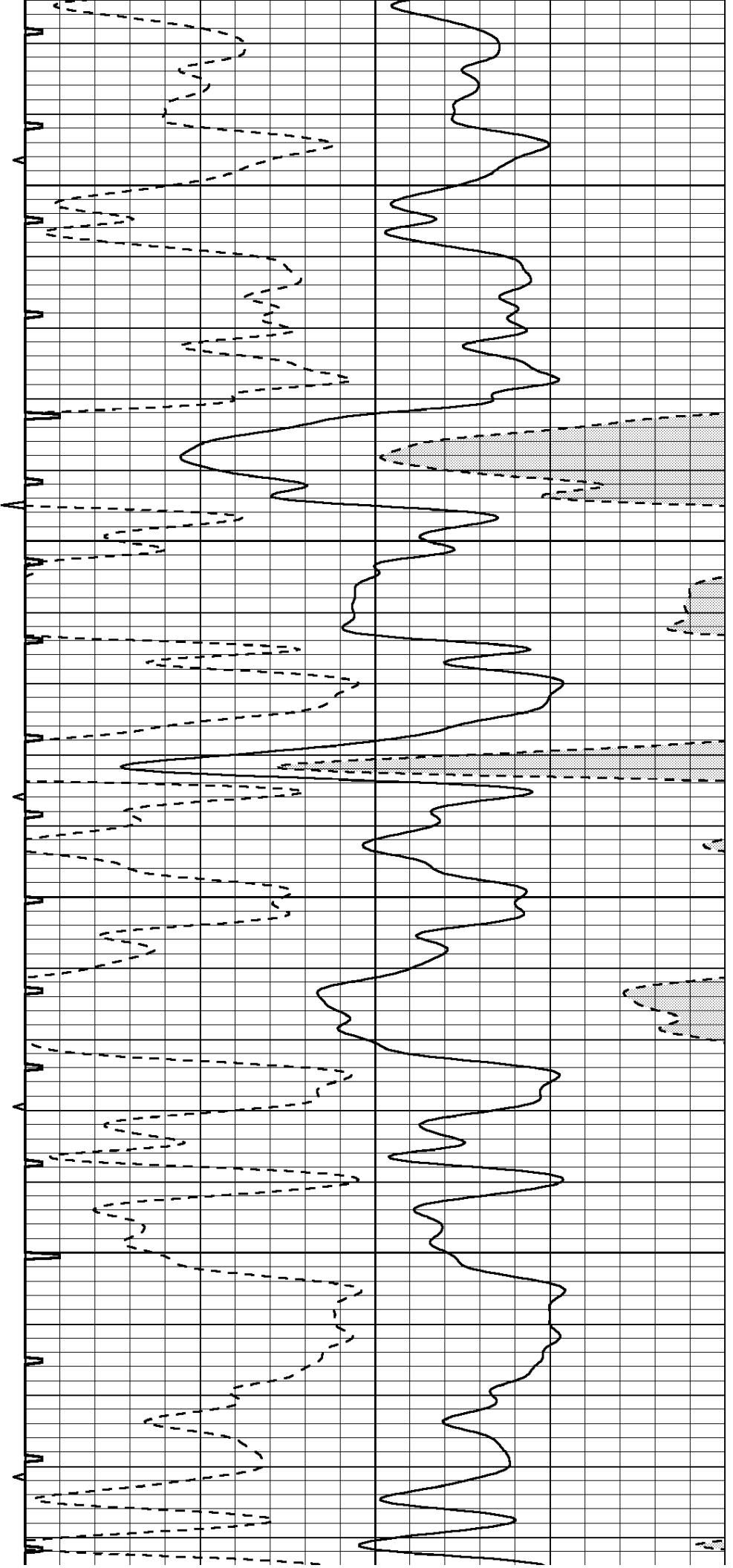


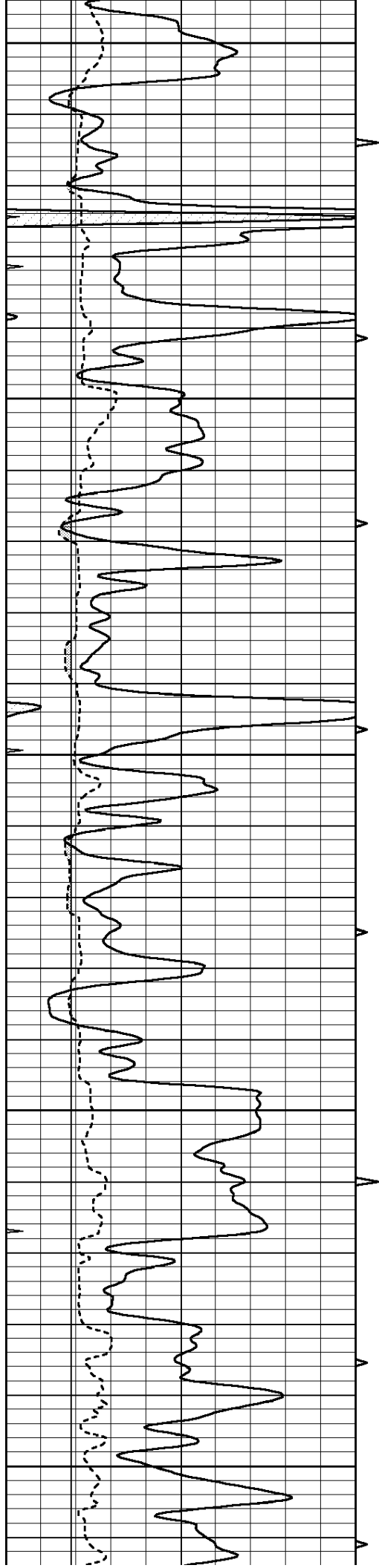
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2200

2250





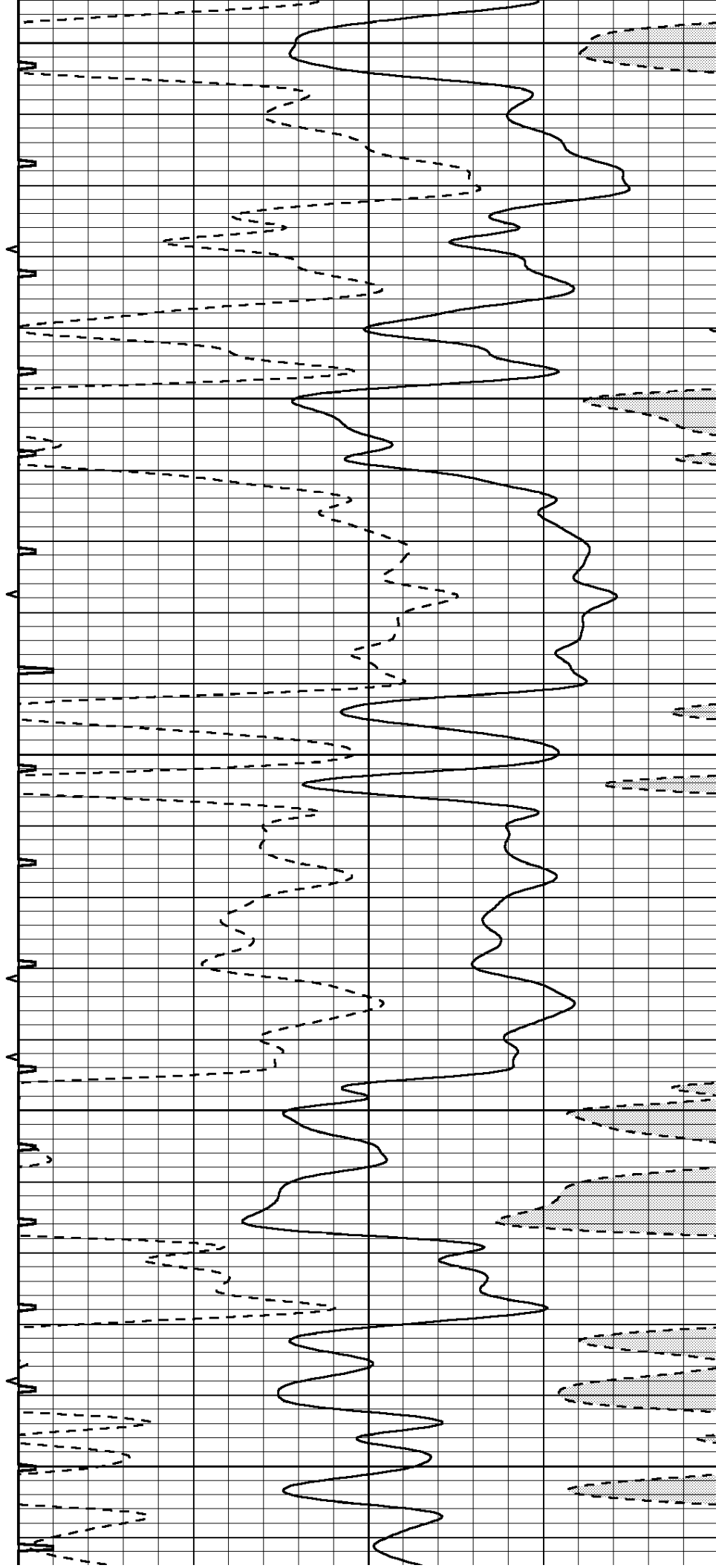
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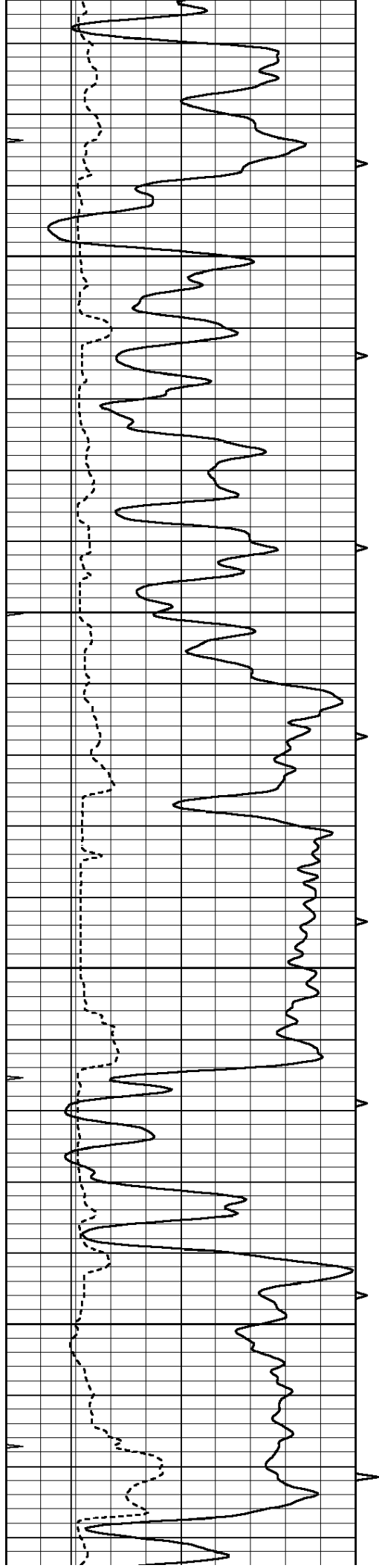
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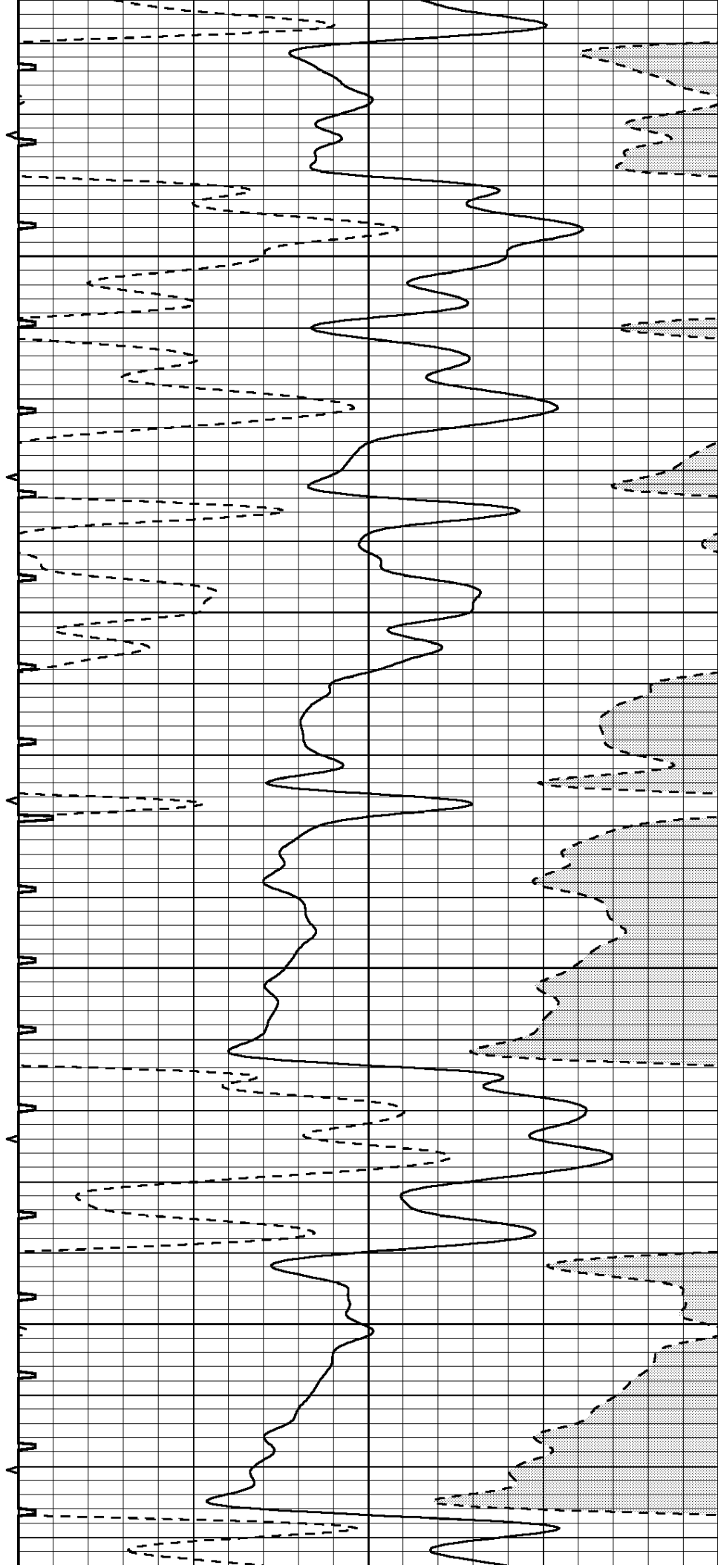


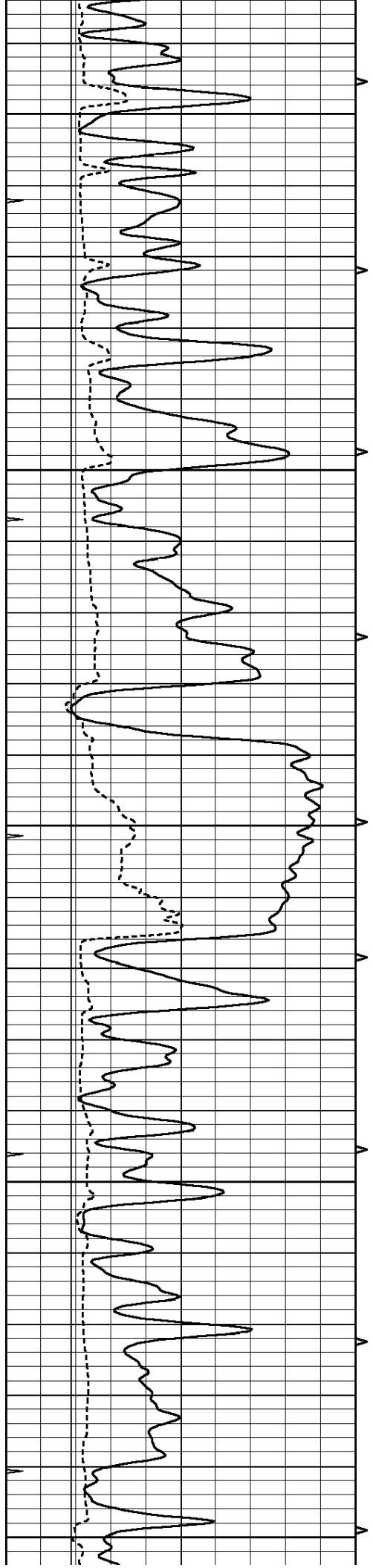
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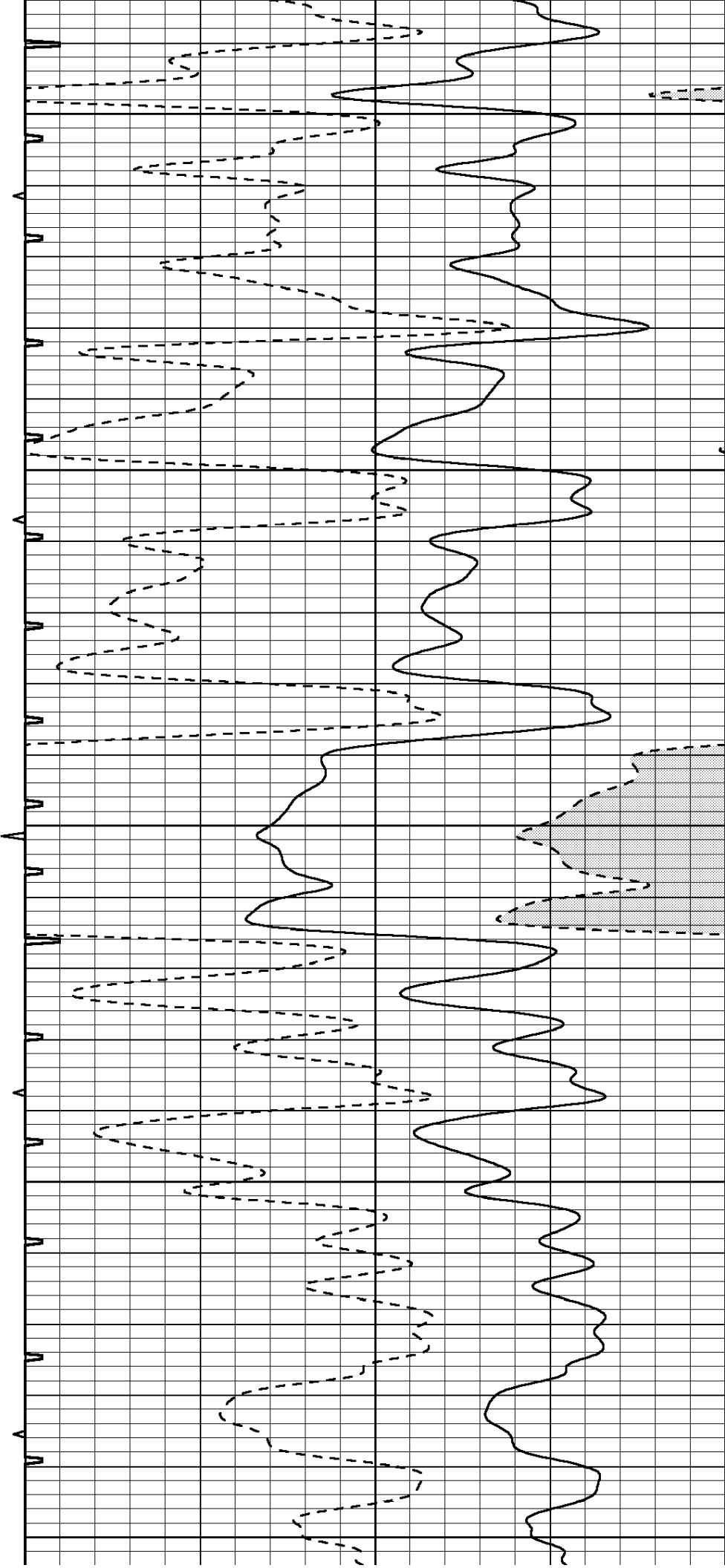
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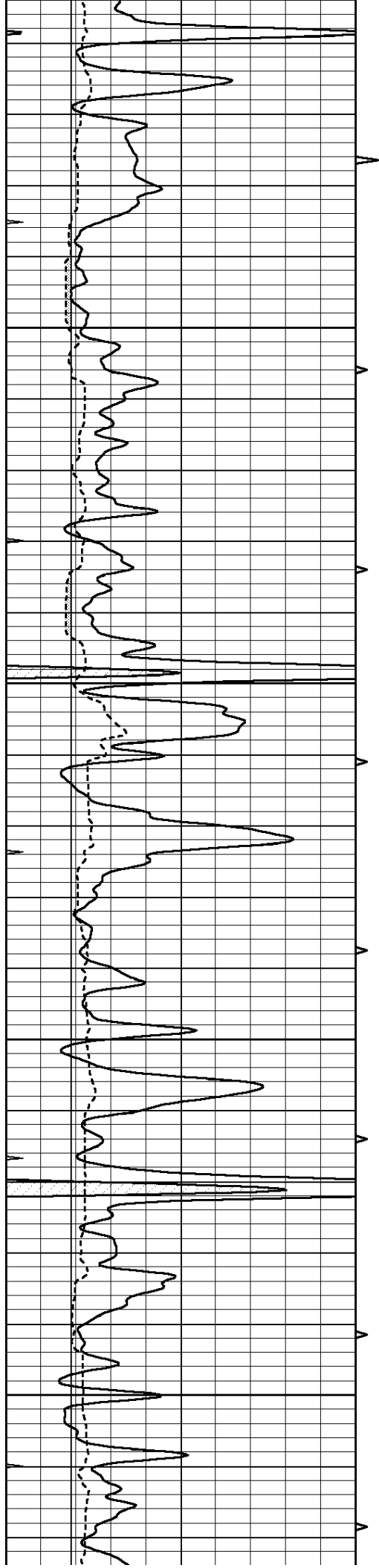
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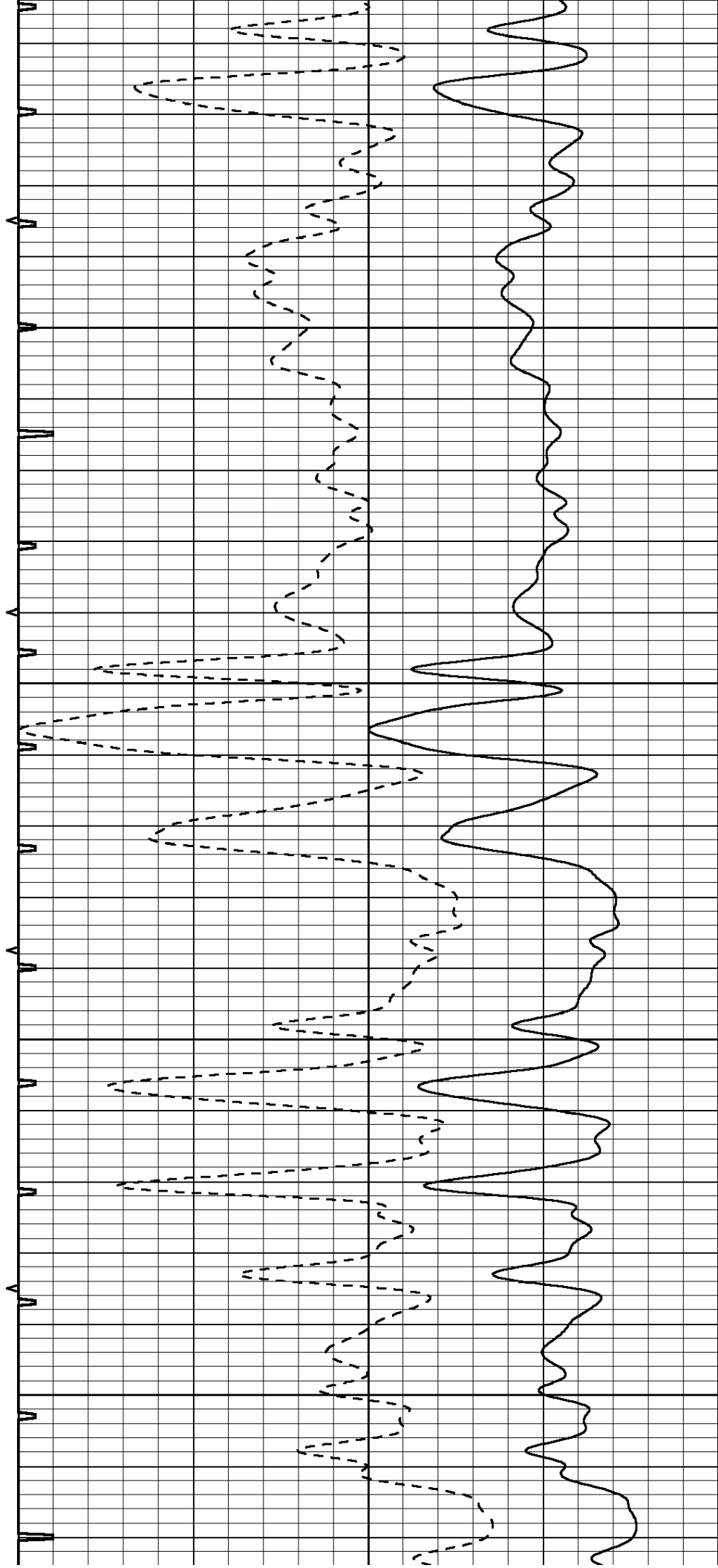


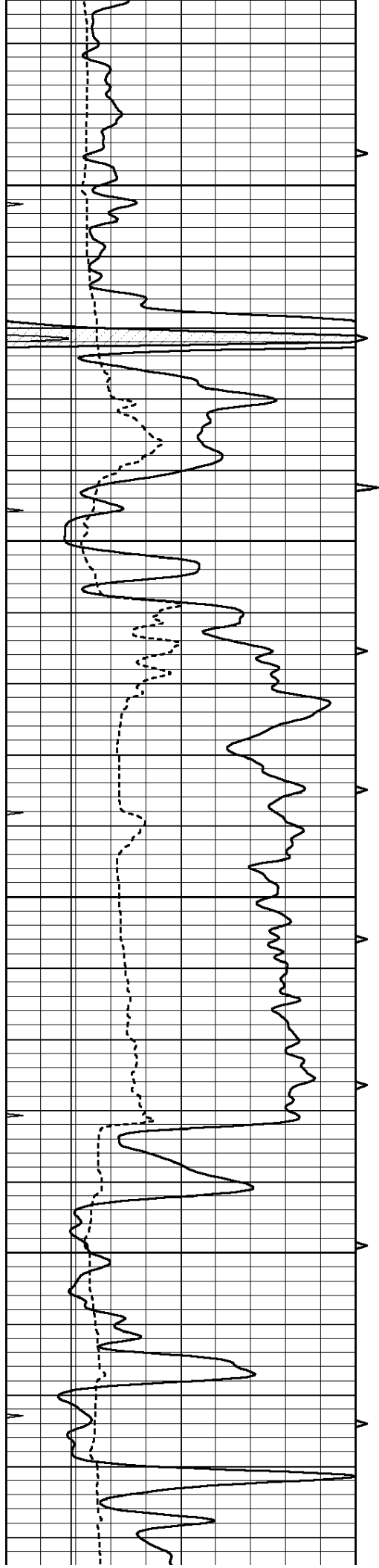
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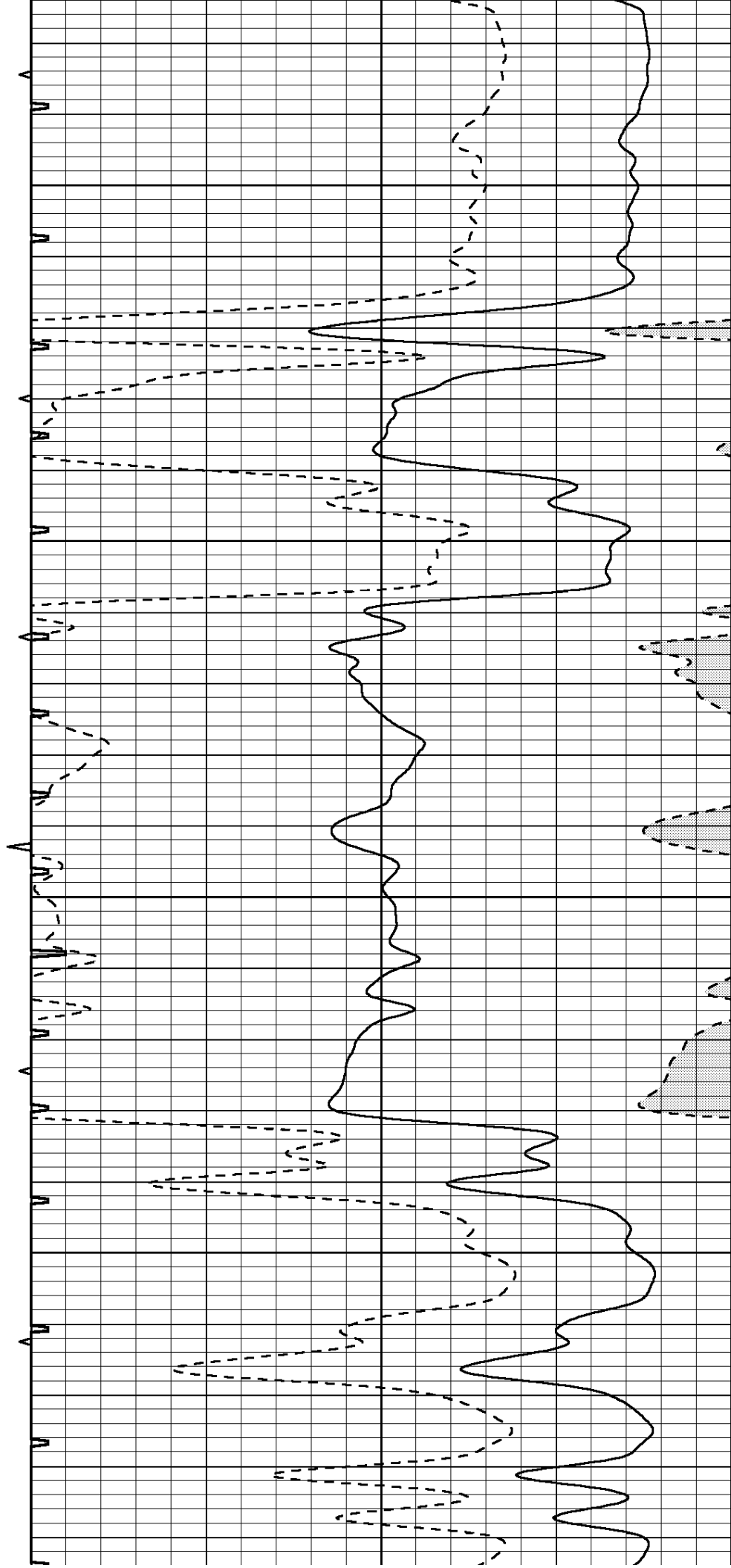


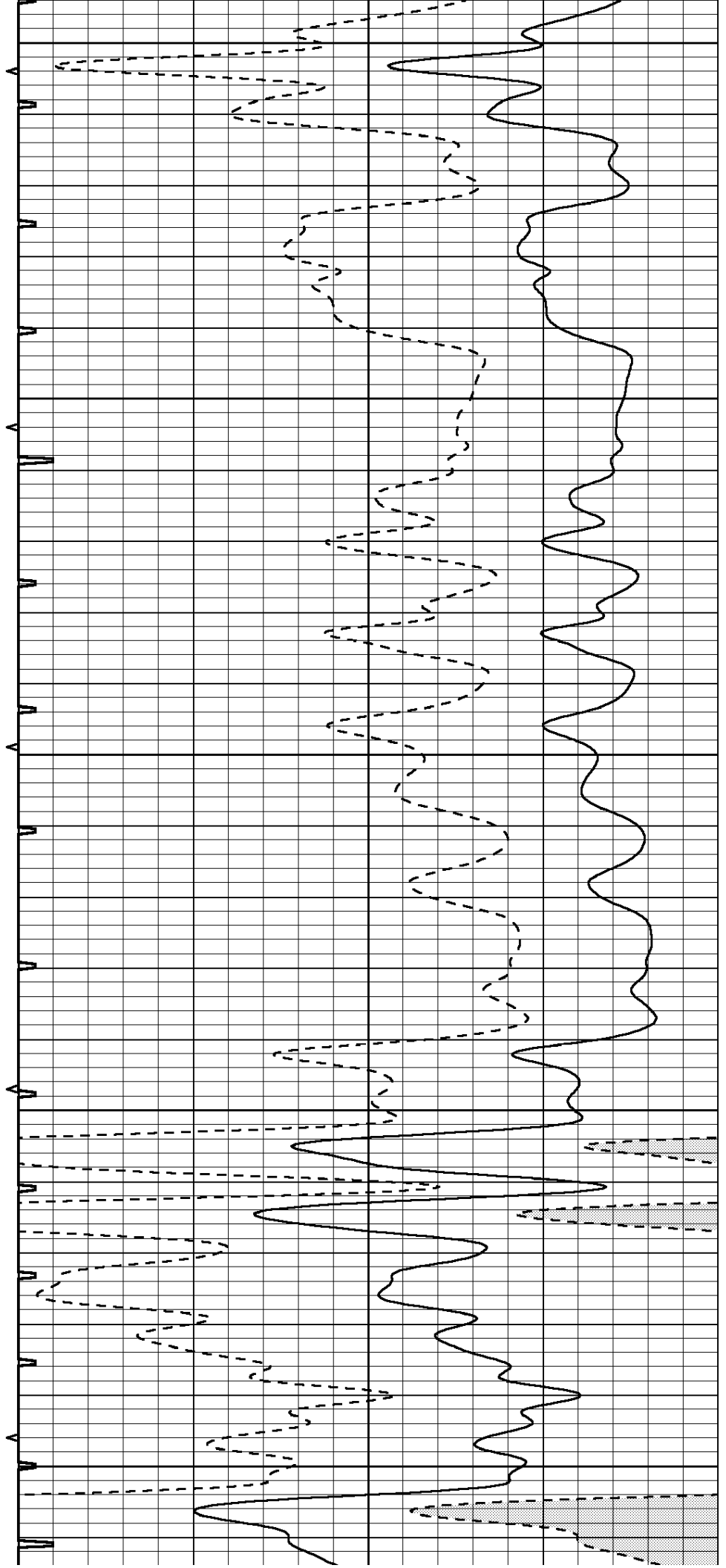
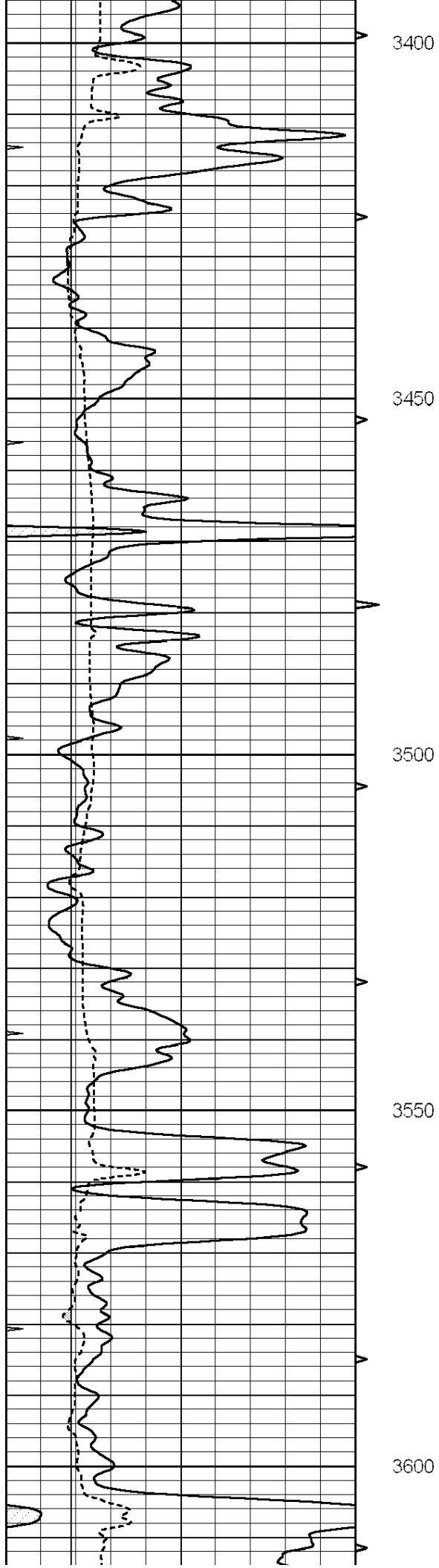
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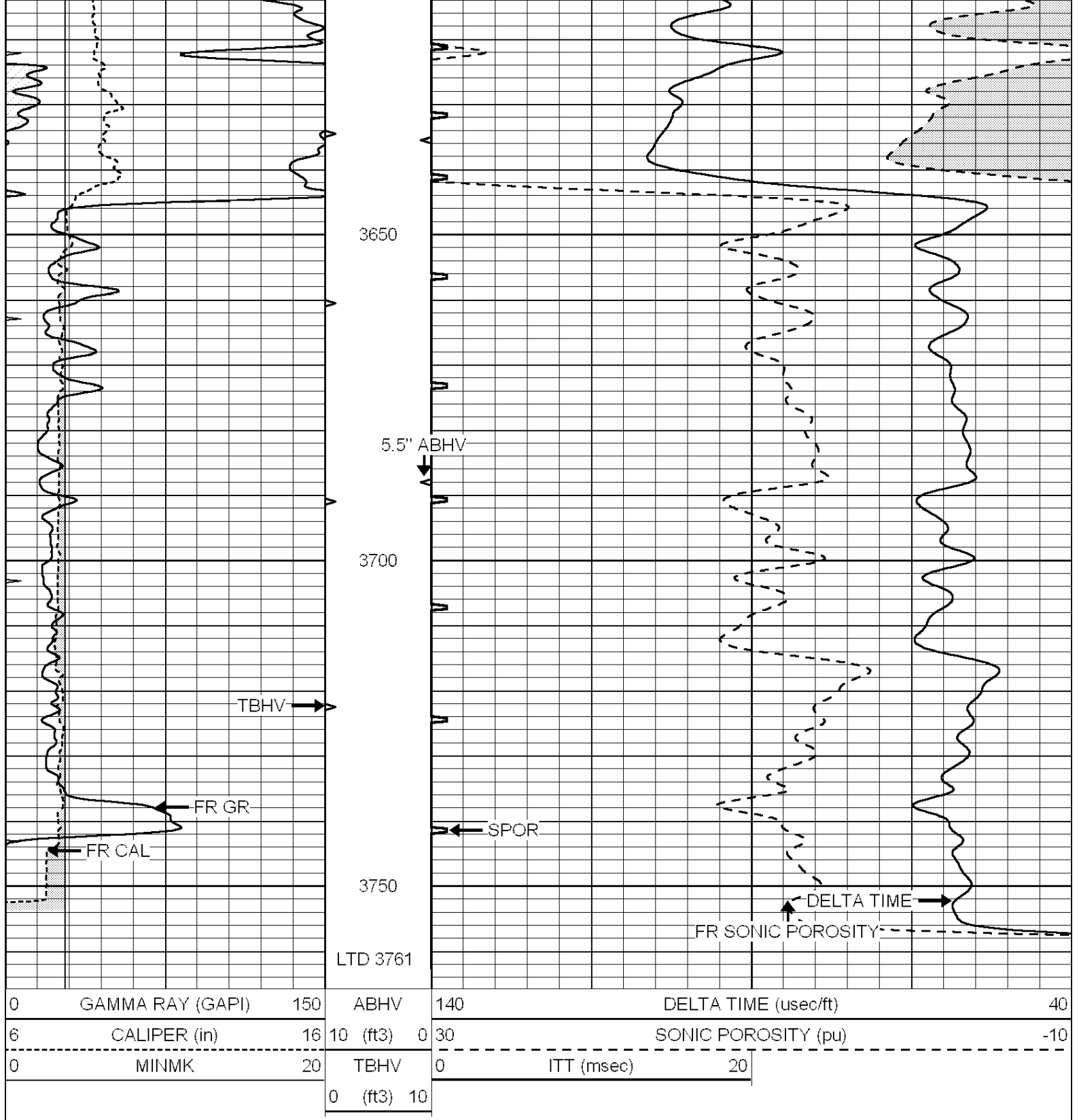
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NABORS

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REPEAT SECTION

Database File: 22232pe.db
 Dataset Pathname: pass6.2
 Presentation Format: slt
 Dataset Creation: Thu Jan 09 09:57:26 2014
 Charted by: Depth in Feet scaled 1:240



CALIPER (in)		SONIC POROSITY (pu)	
6	16	30	-10
MINMK		ITT (msec)	
0	20	0	20
TBHV			
0	10		

