



SUPERIOR
Hays,
Kansas

SONIC LOG

Company		MULL DRILLING COMPANY, INC.	
Well	BOWIE #1-14		
Field	WILDCAT		
County	HODGEMAN	State	KANSAS
Location:		API # : 15-083-21702-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 5' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 14 TWP 21S RGE 22W		Elevation	
361' FNL & 970' FWL		CDL/CNL	
		DIL/MEL	
2194		Elevation	
K.B. 2199		D.F. 2197	
G.L. 2194			
Date	5/19/11		
Run Number	TWO		
Depth Driller	4500		
Depth Logger	4500		
Bottom Logged Interval	4490		
Top Log Interval	200		
Casing Driller	8 5/8" @ 228		
Casing Logger	228		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 22000 PPM	
Density / Viscosity	9.9/50		
pH / Fluid Loss	7.0/6.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.22 @ 91F		
Rmf @ Meas. Temp	.16 @ 91F		
Rmc @ Meas. Temp	.26 @ 91F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.16 @ 120F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	120F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	MACKLIN ARMSTRONG		

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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
HANSTON KS. - HWY 156 & RD 228 - 7 N. - 1/4 E. - S. INTO

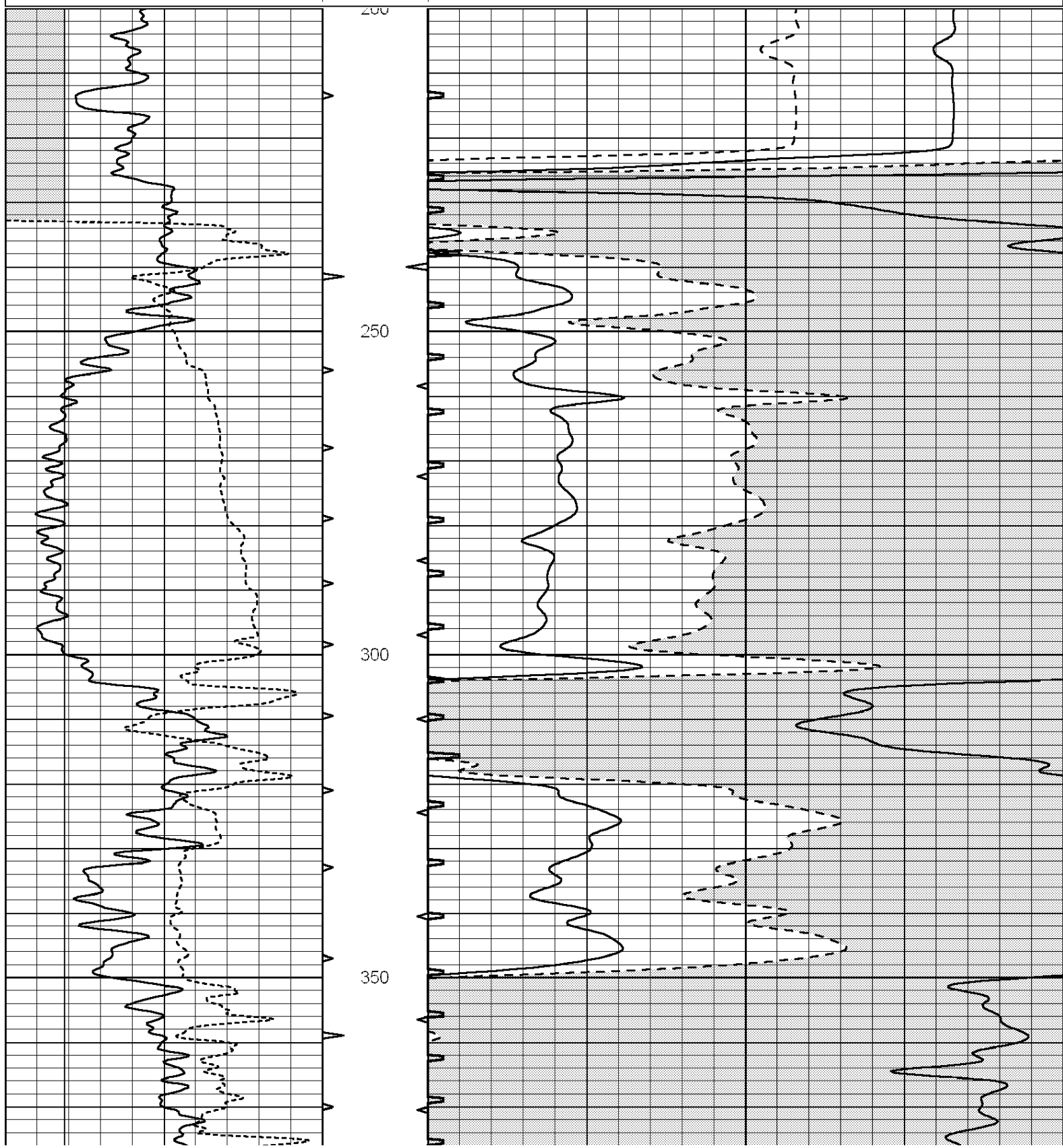


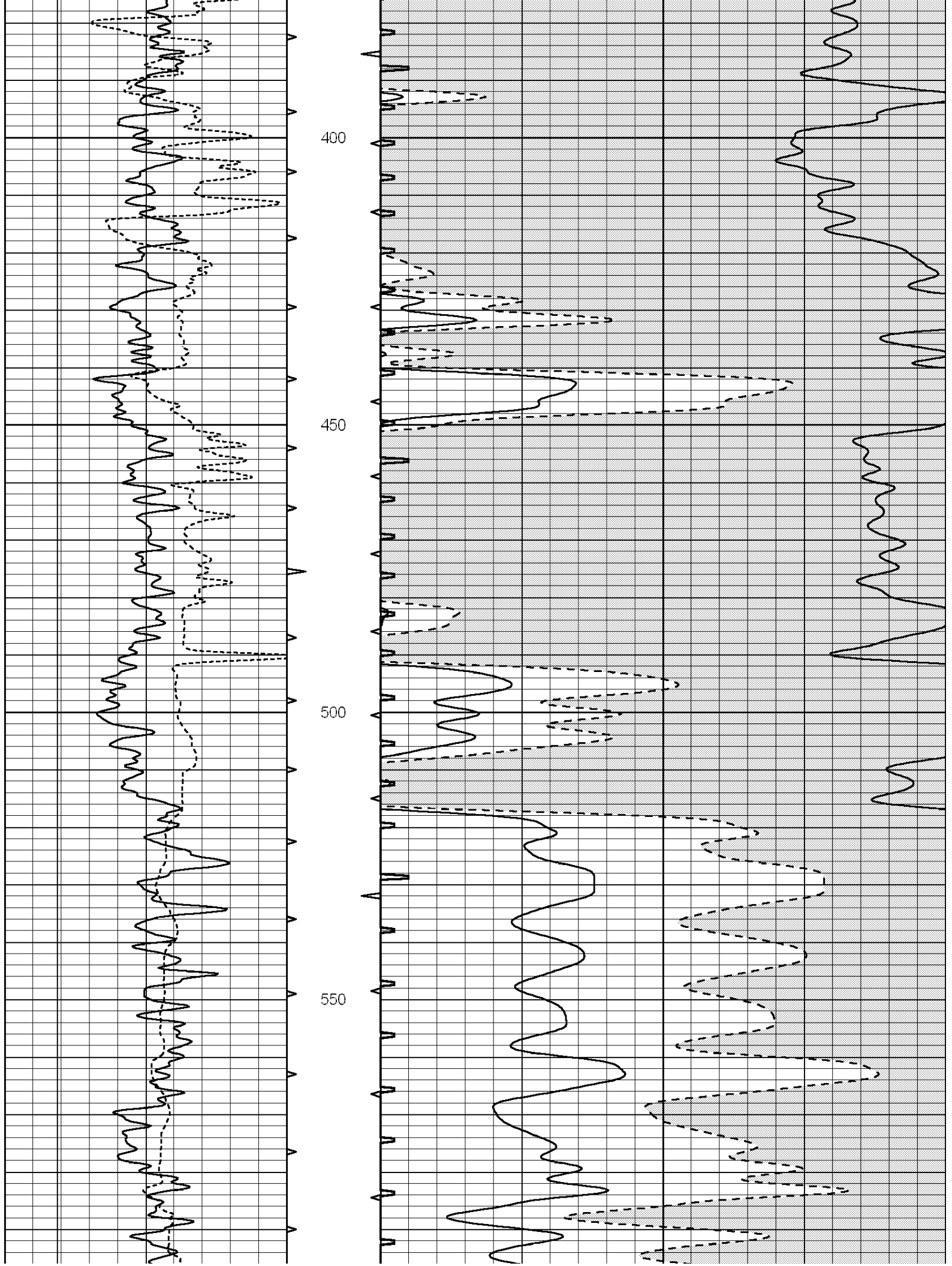
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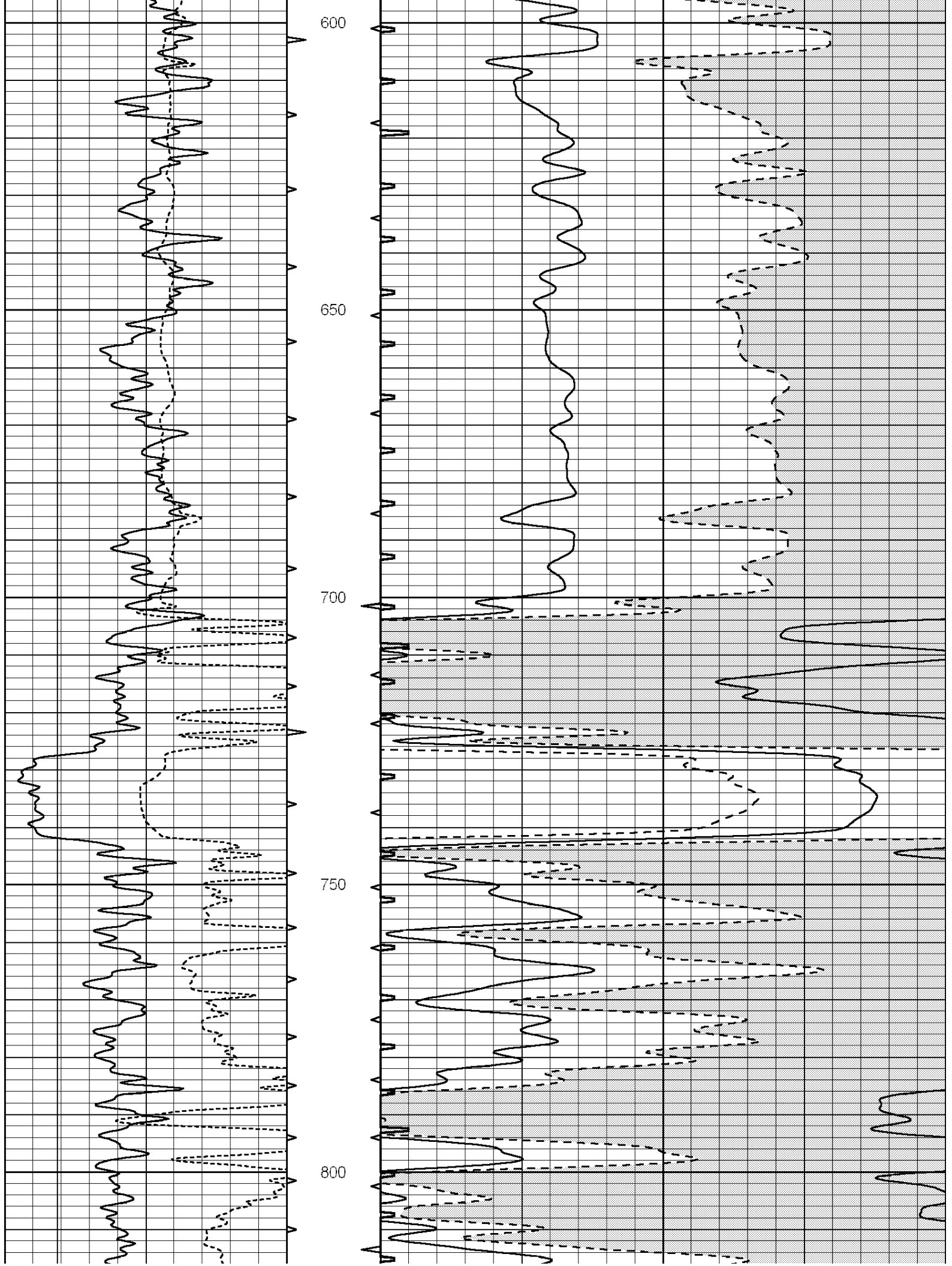
MAIN SECTION

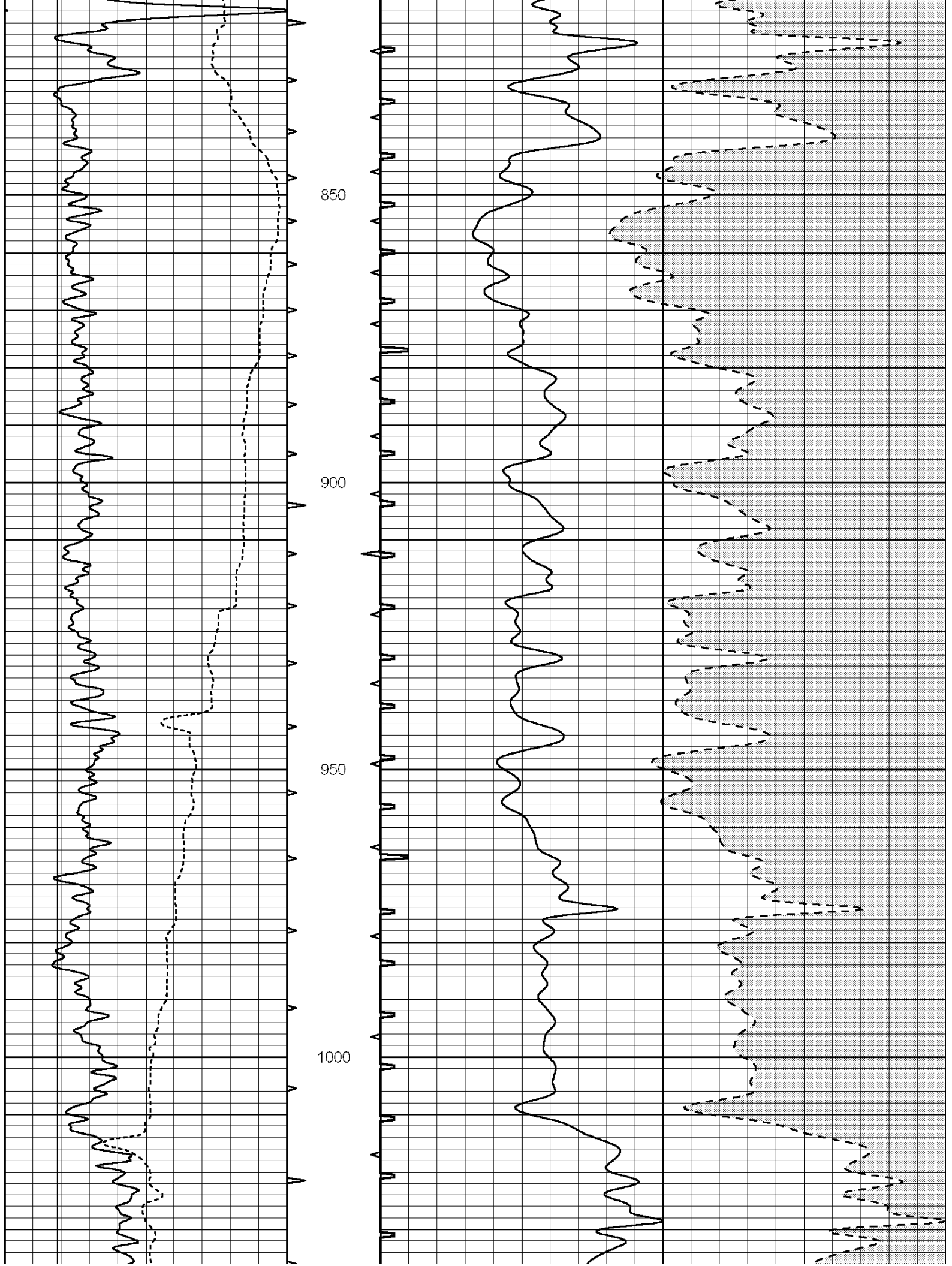
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Charted by: Depth in Feet scaled 1:240

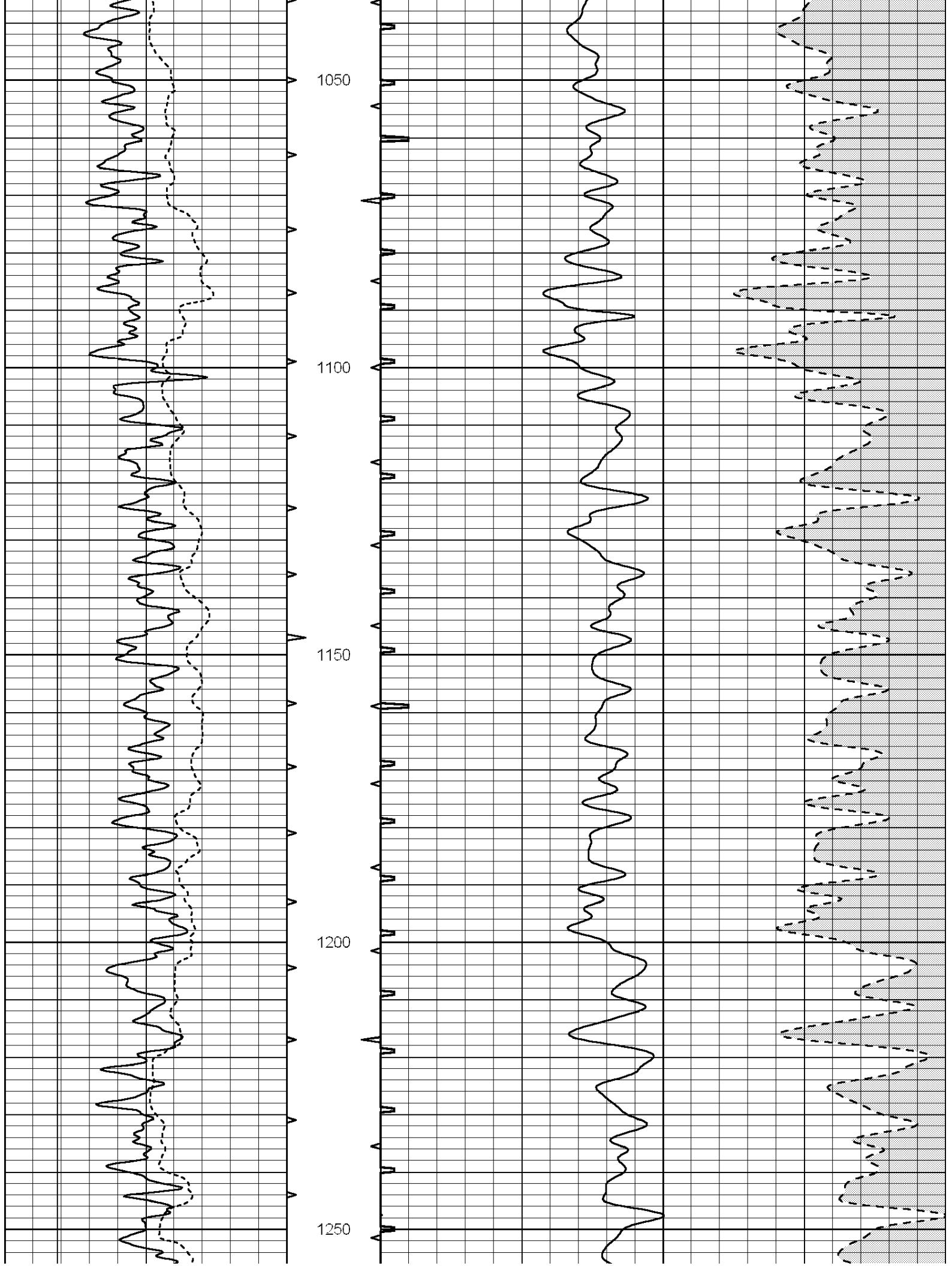
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
			TBHV	0	ITT (msec)	20
			0 (ft3) 10			

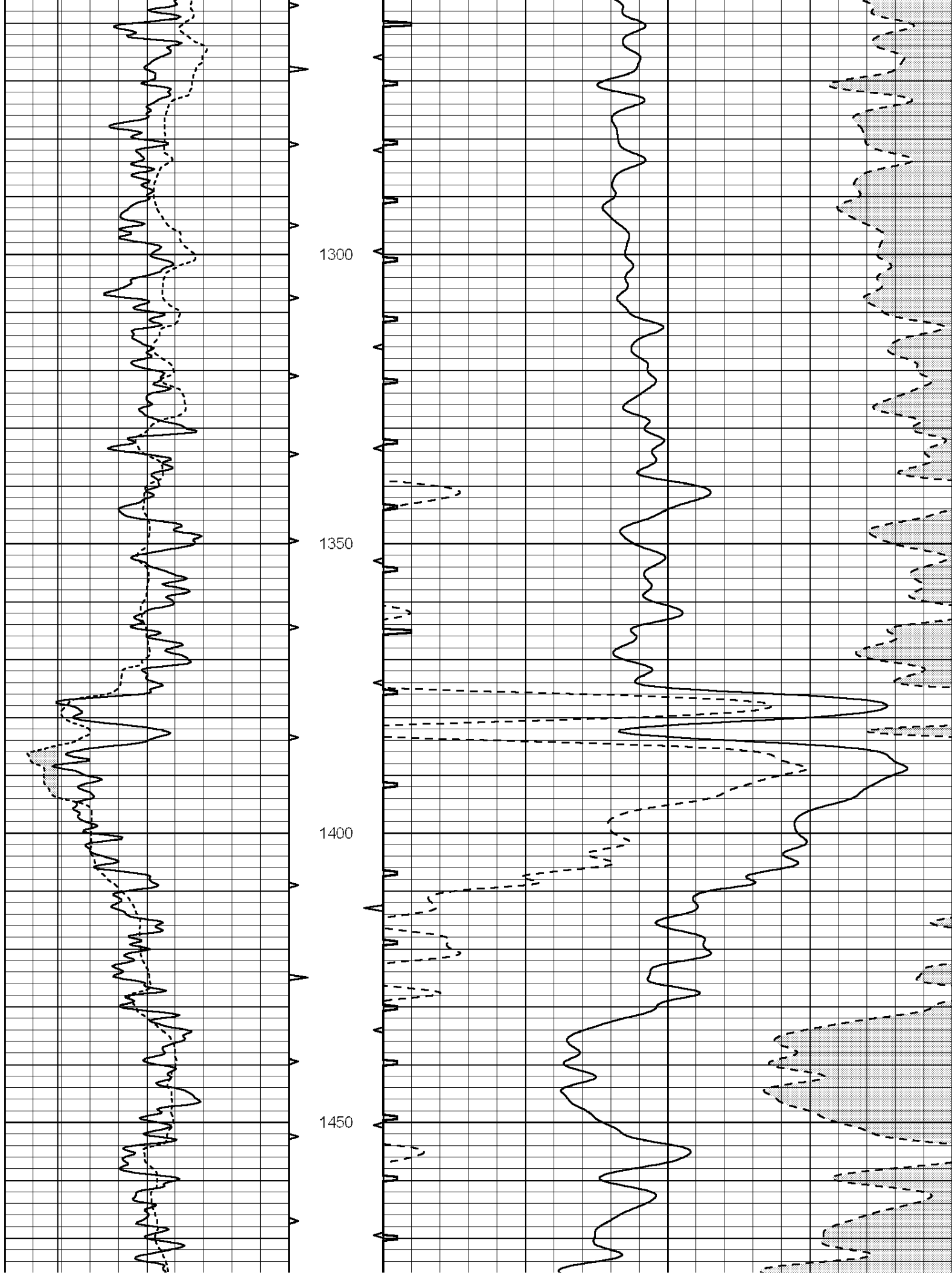


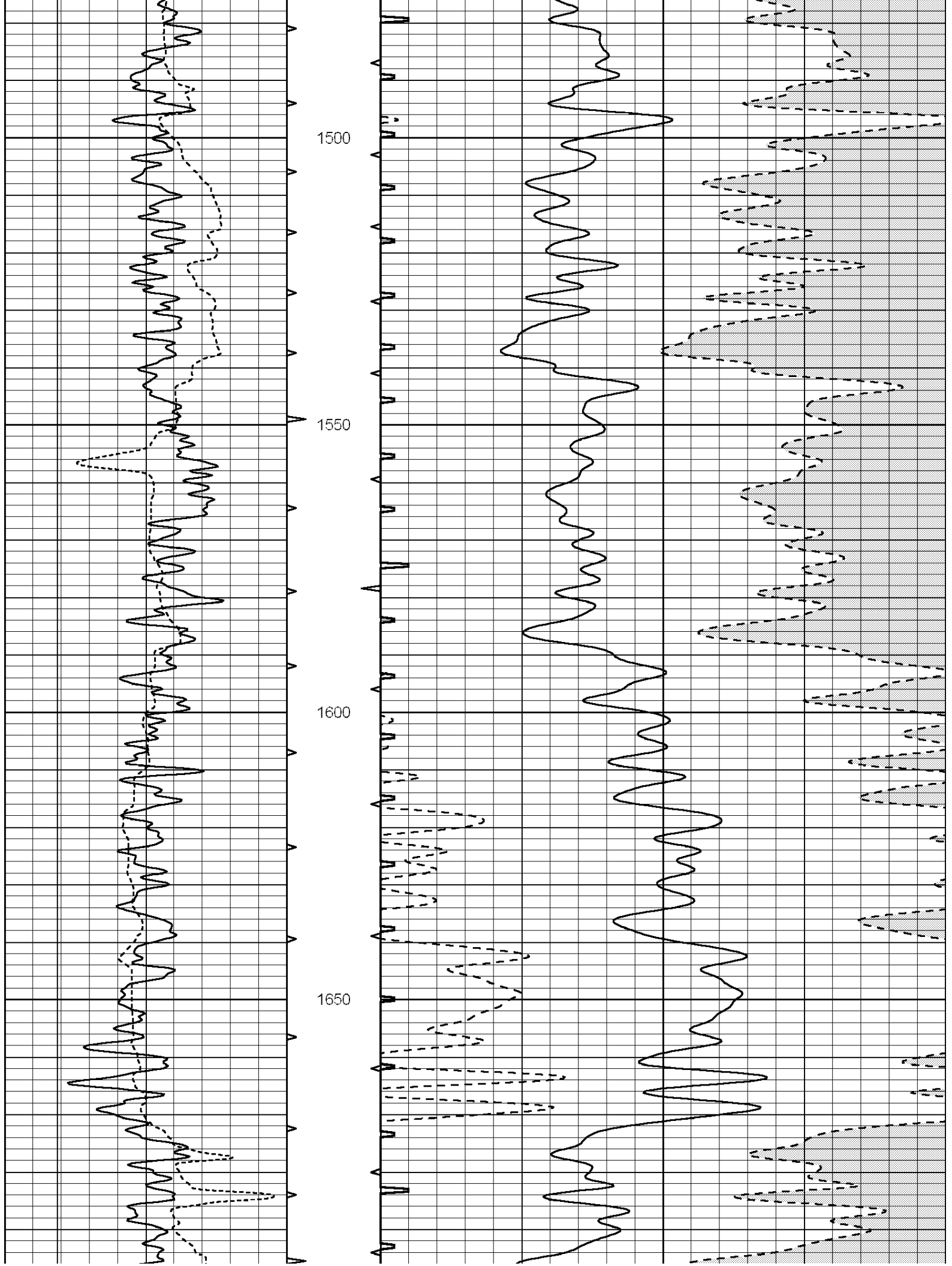


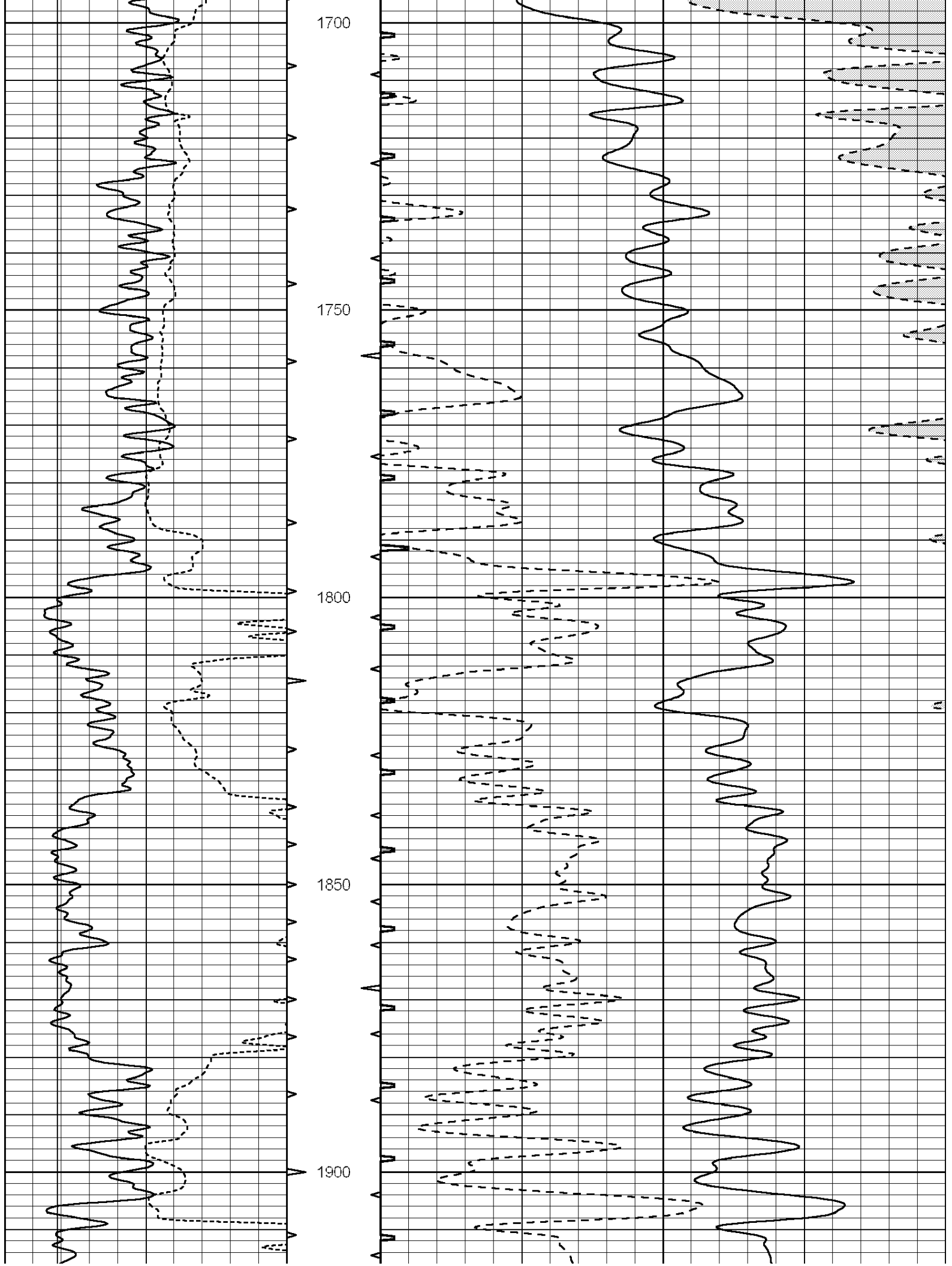


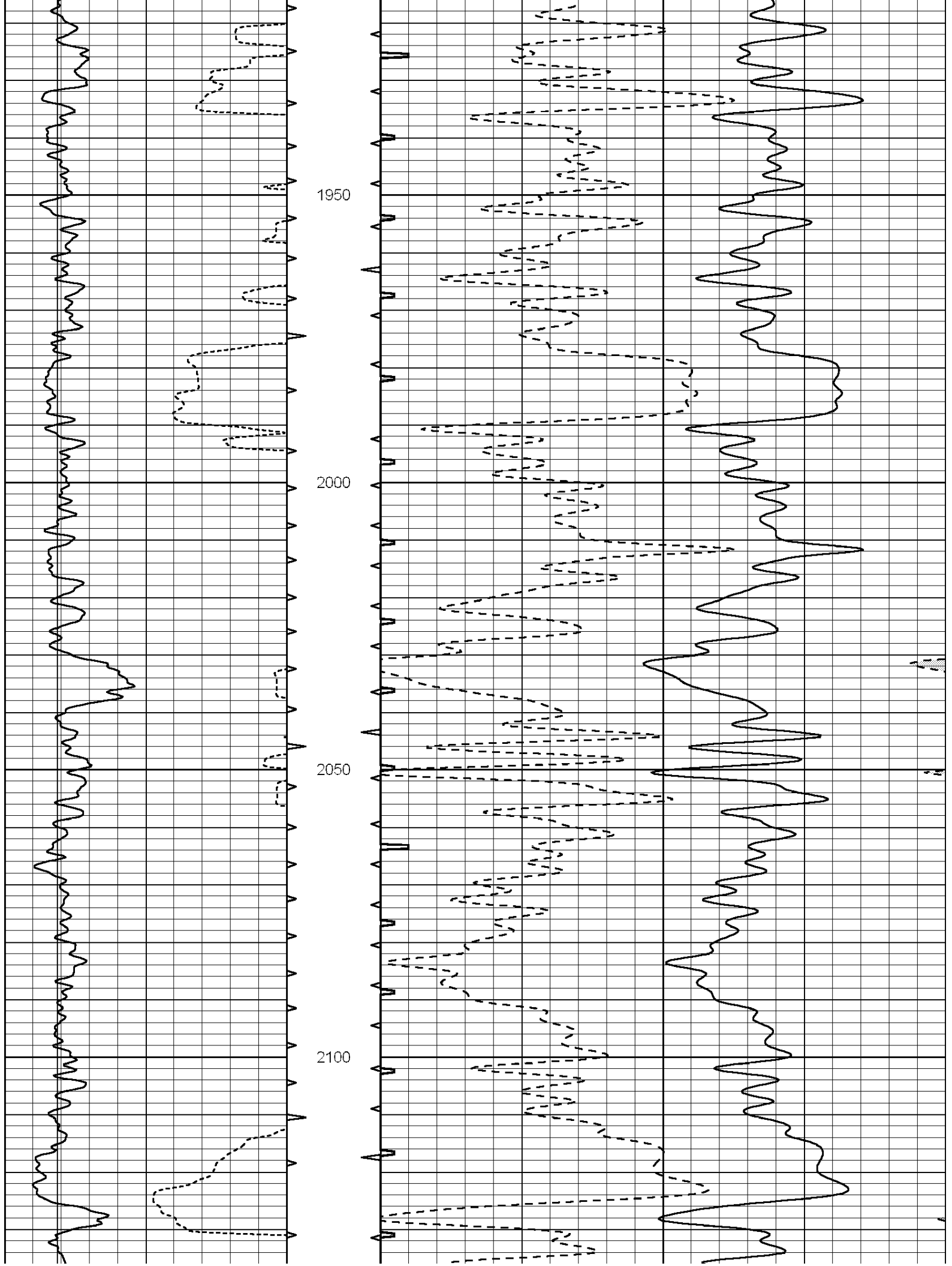


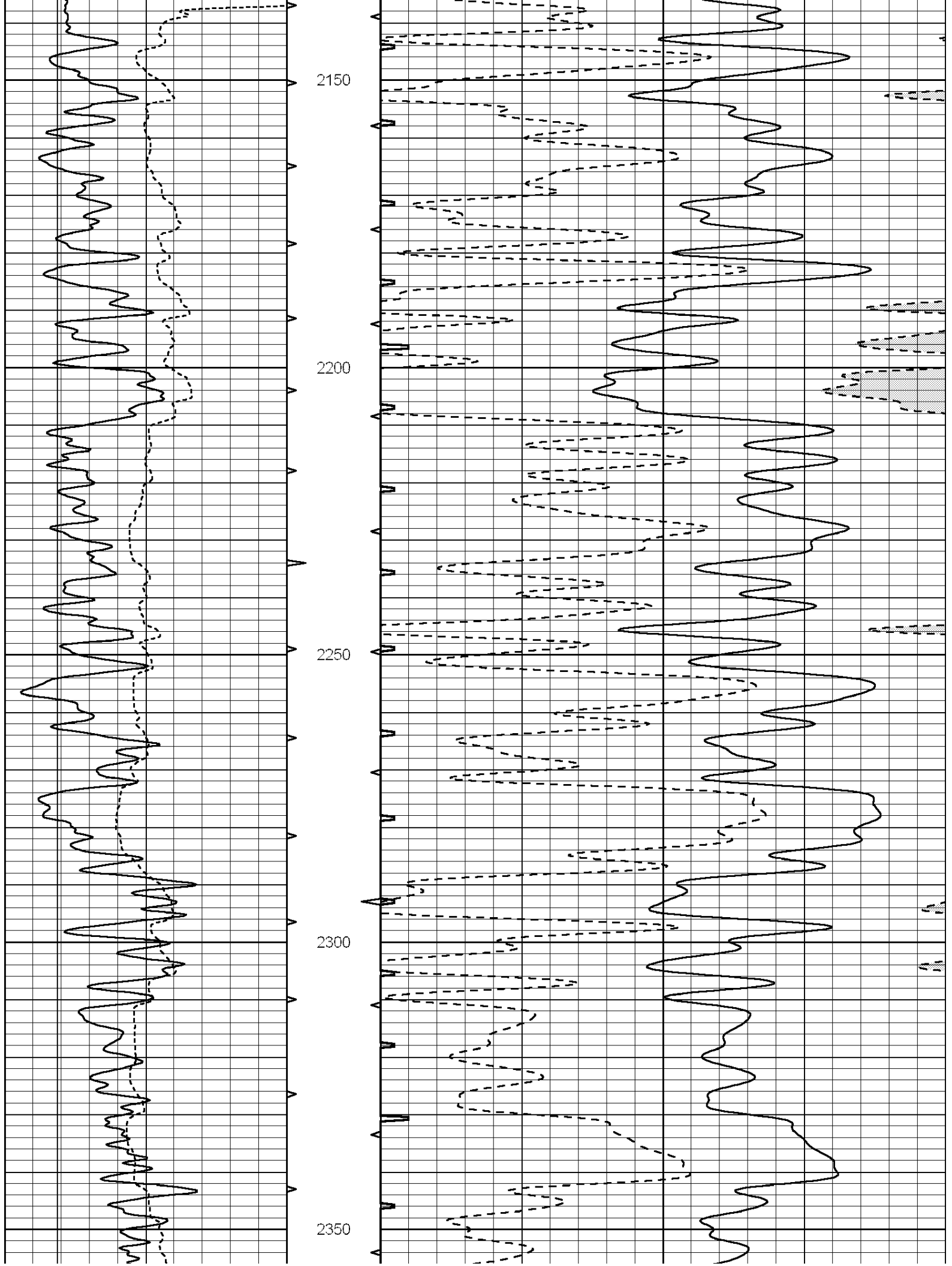


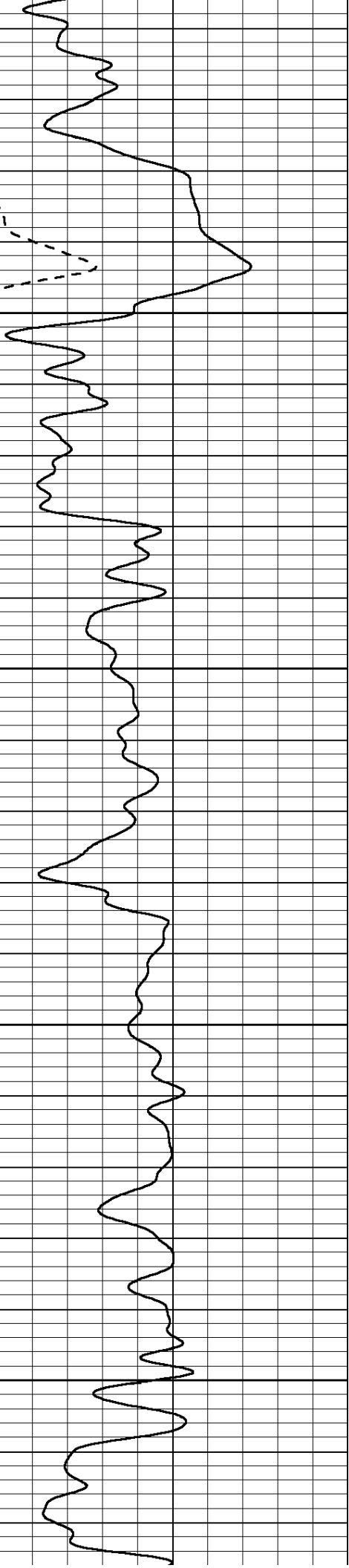
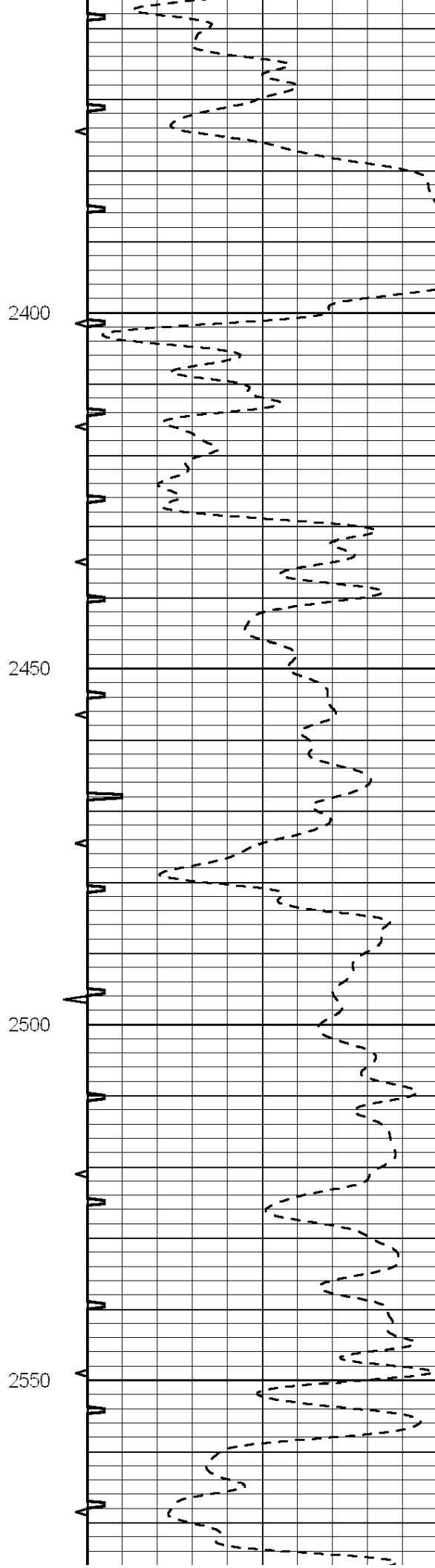
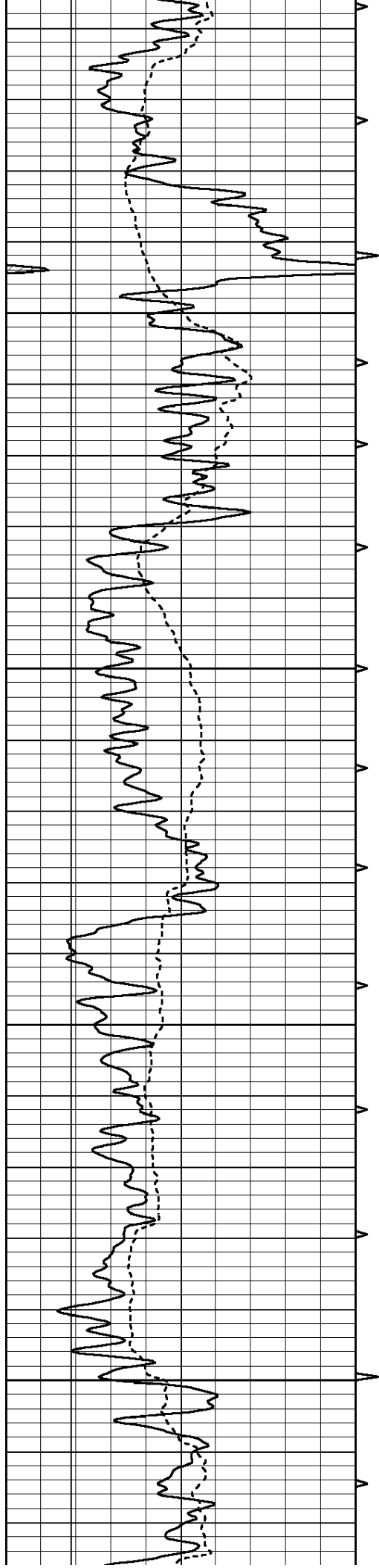


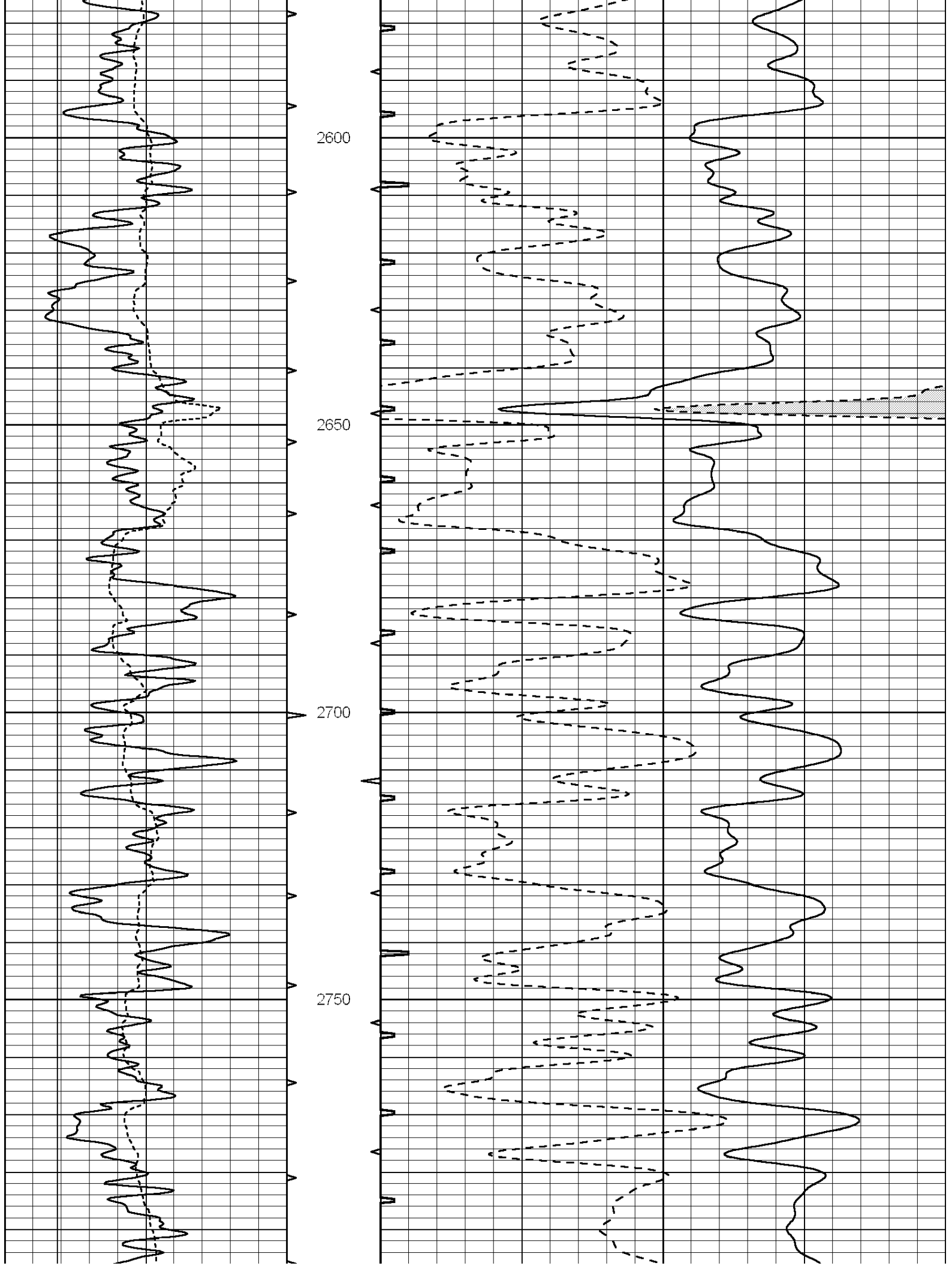


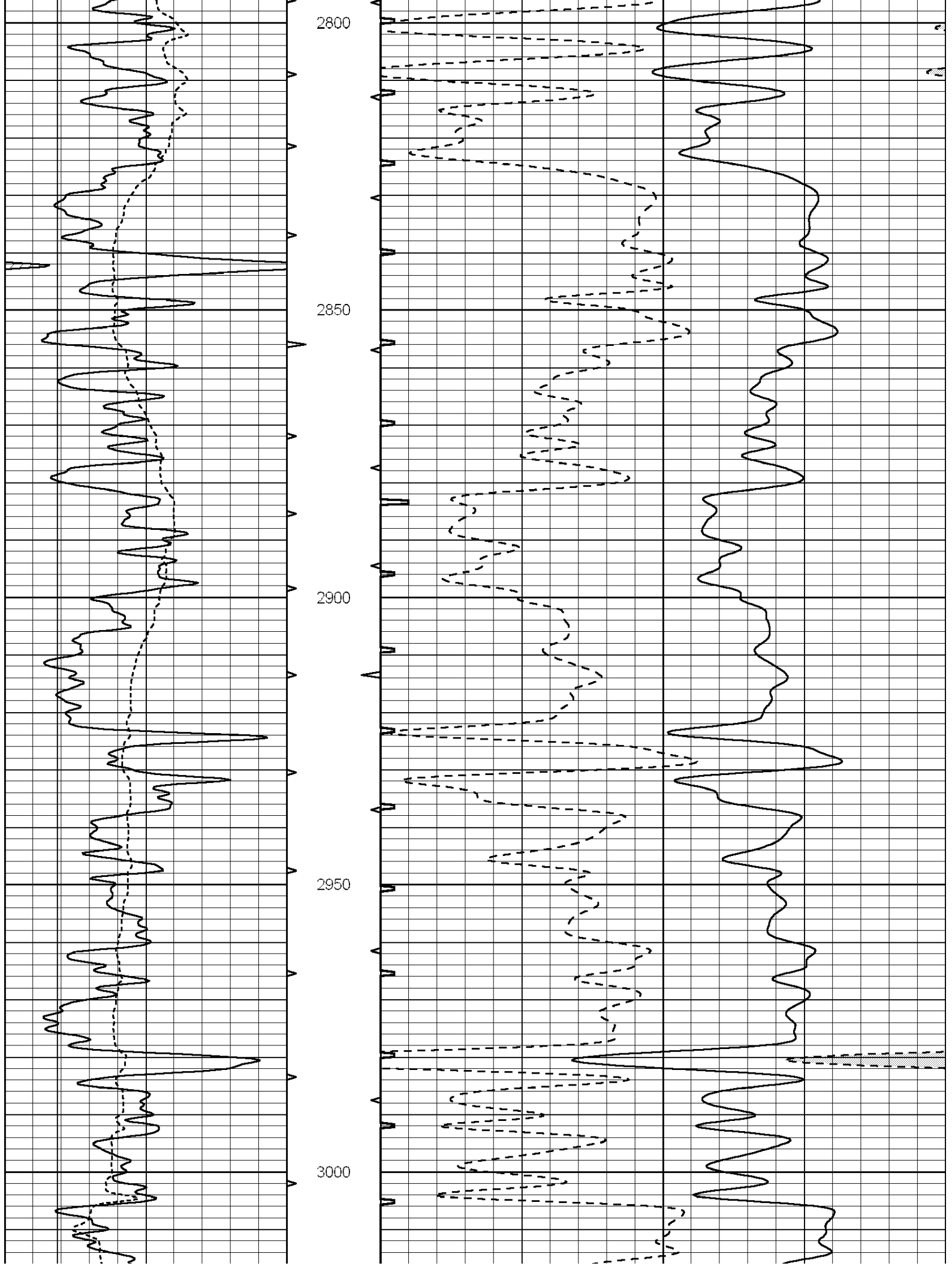


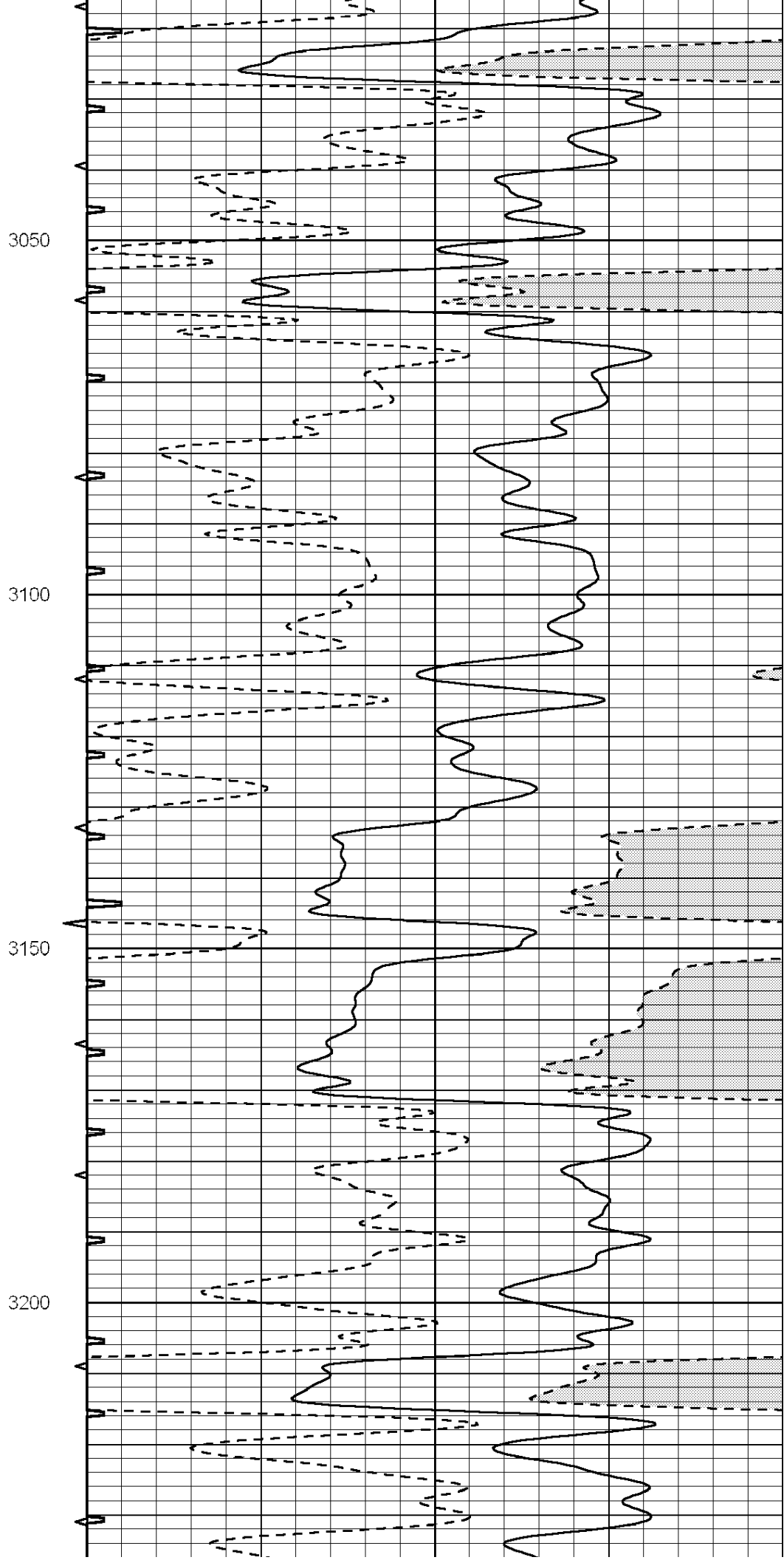
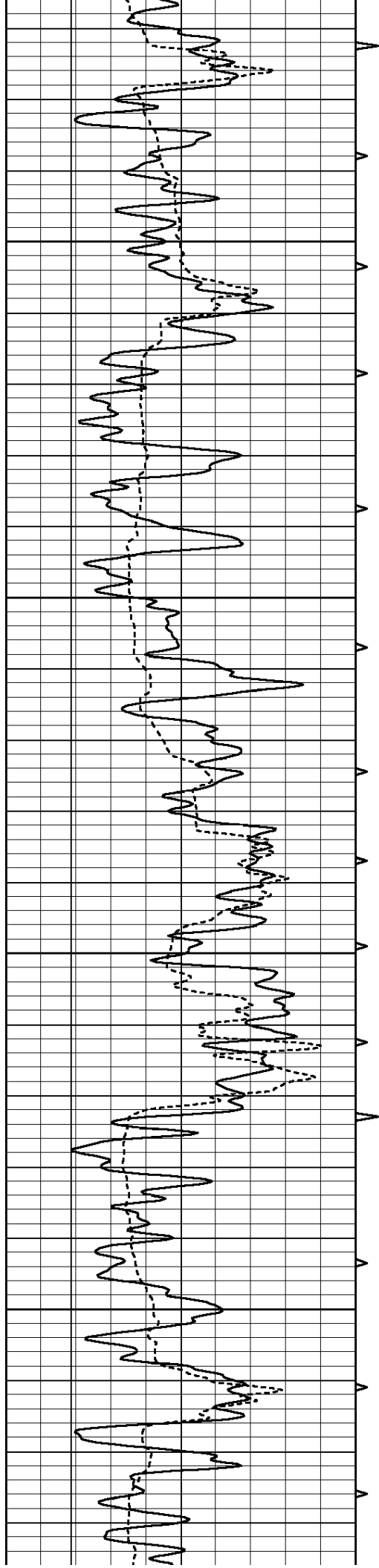


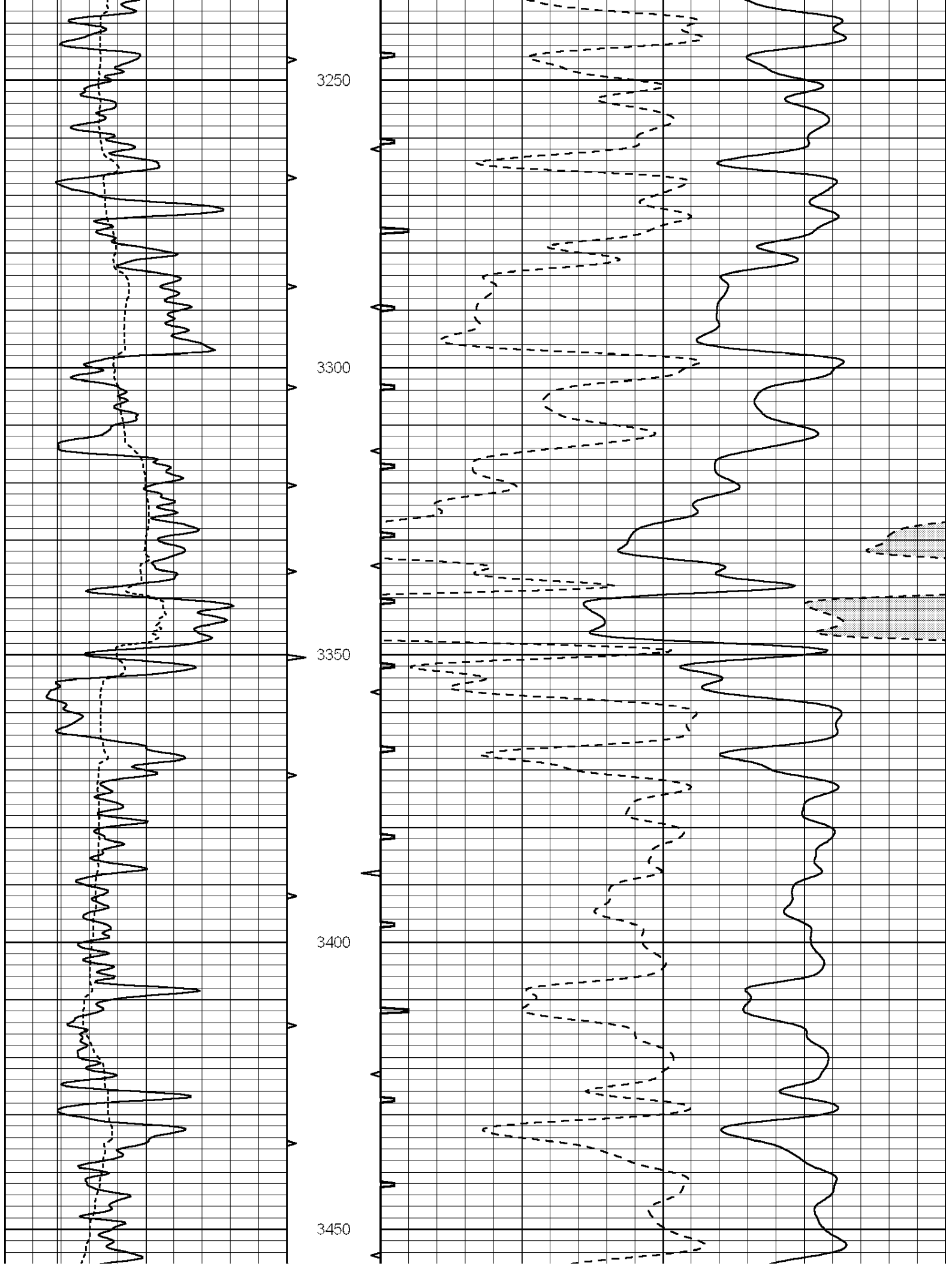


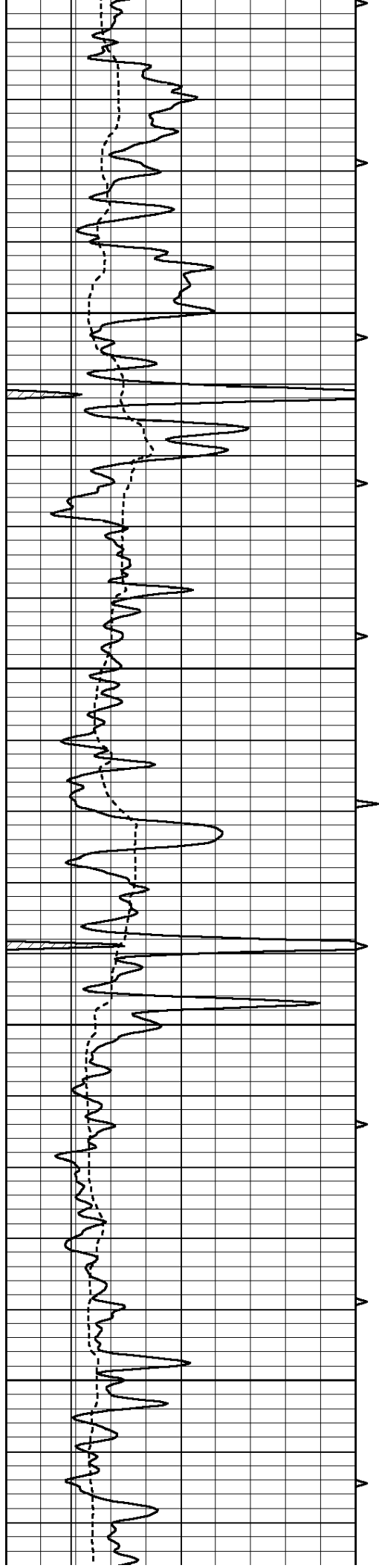










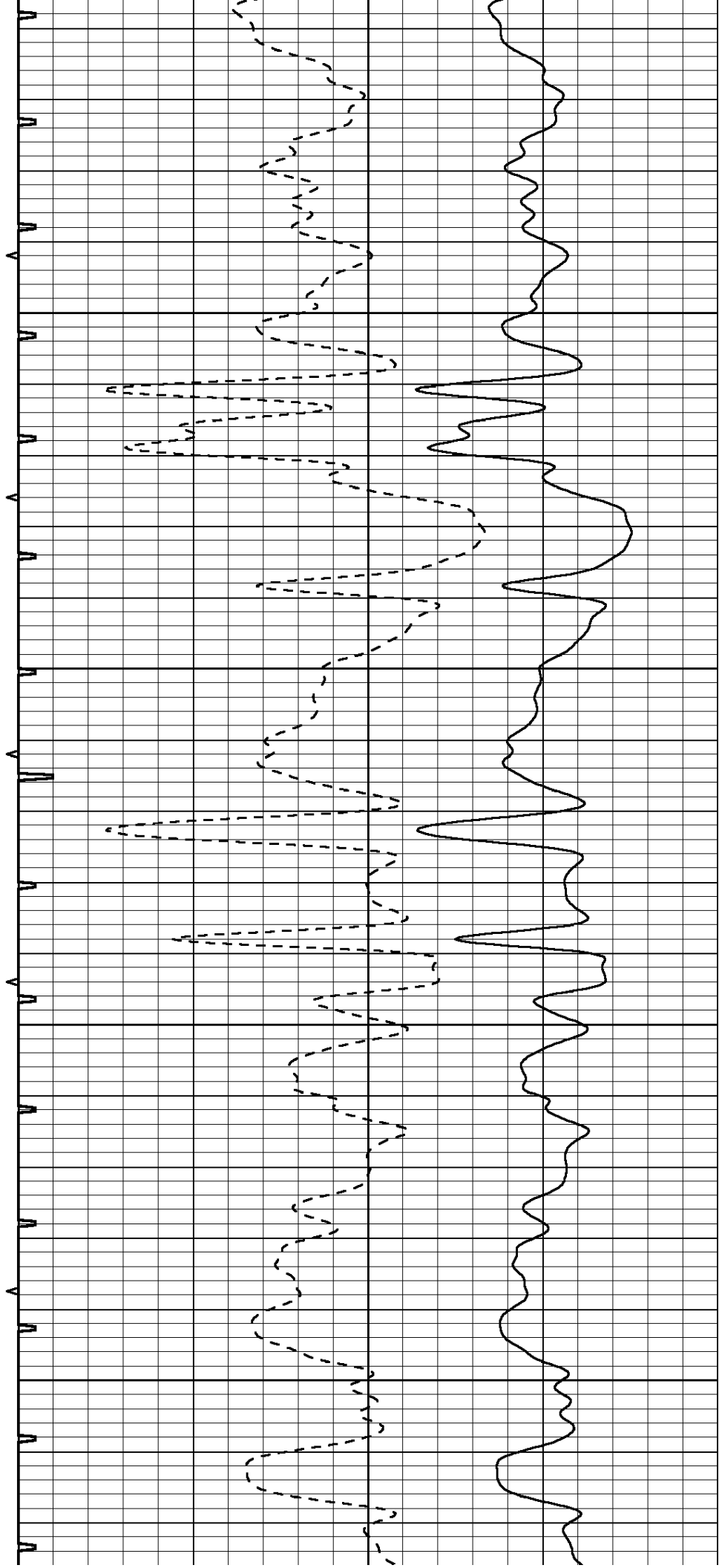


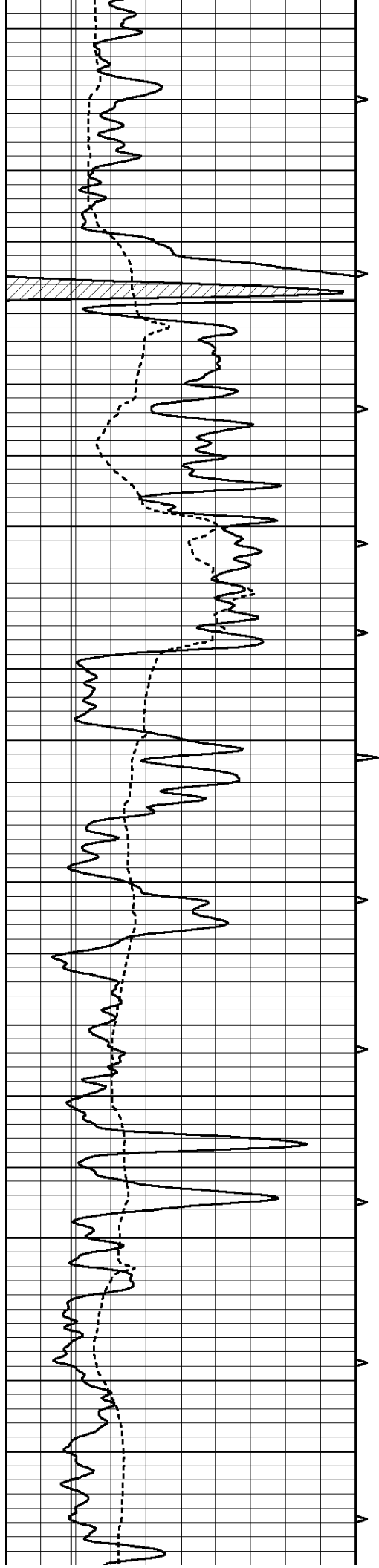
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3600

3650



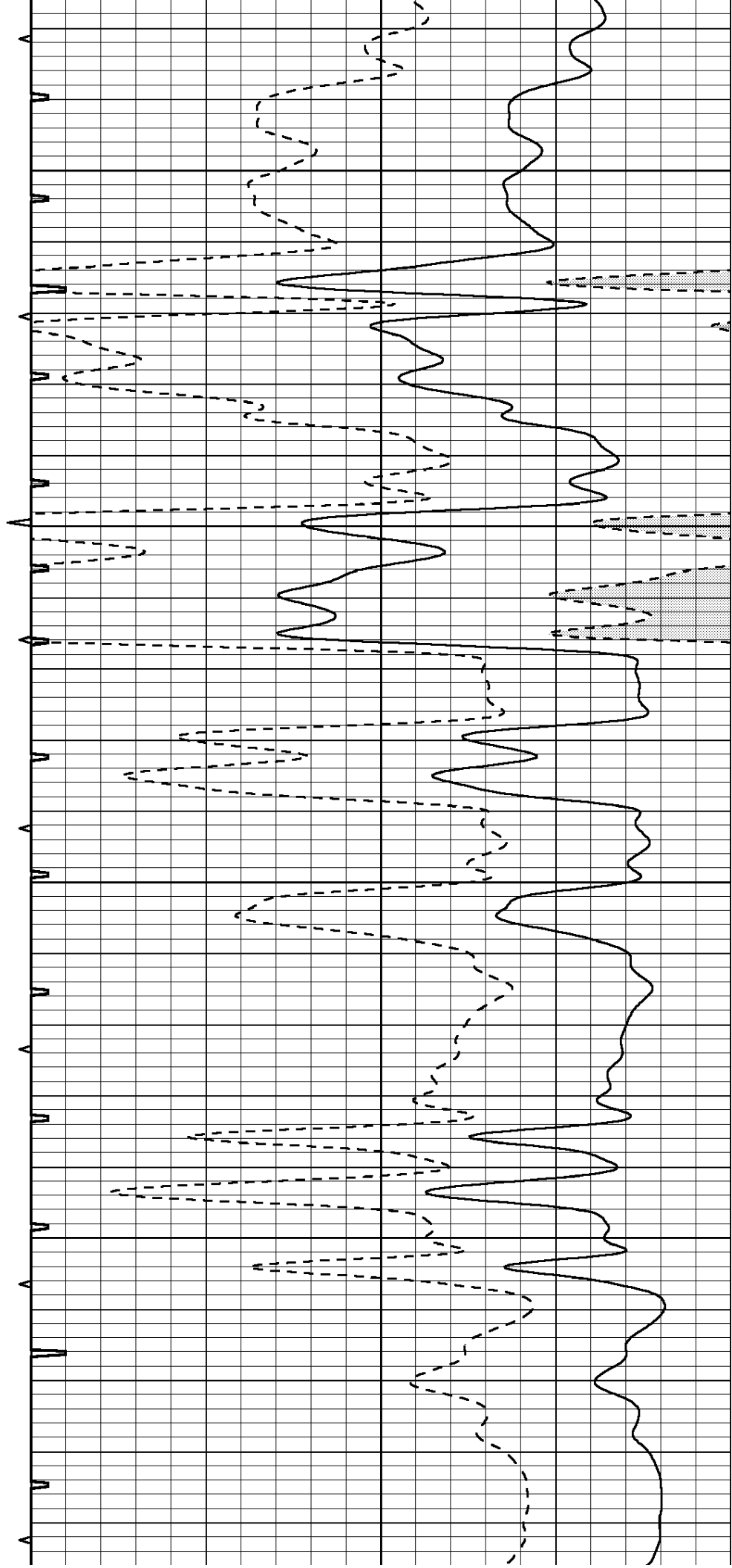


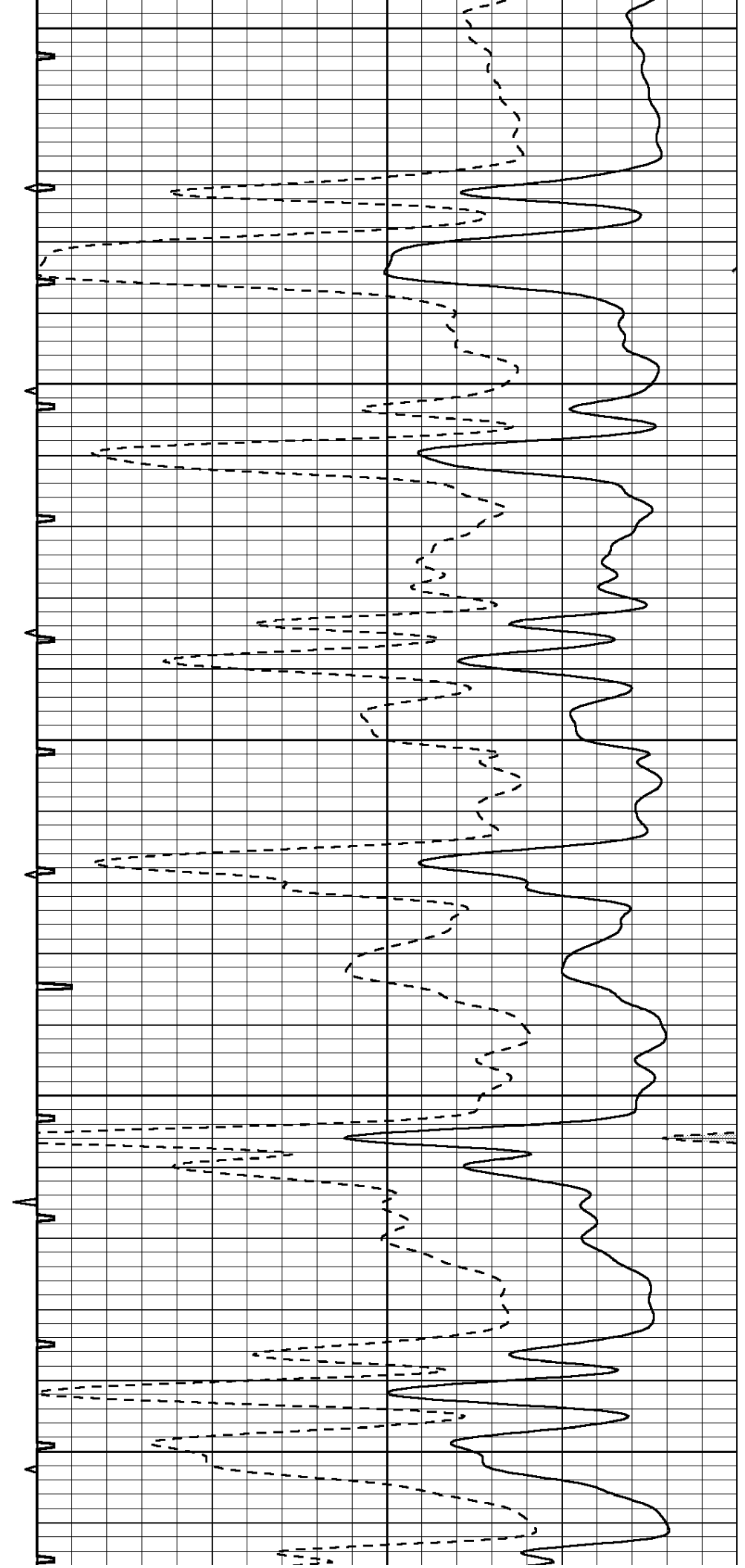
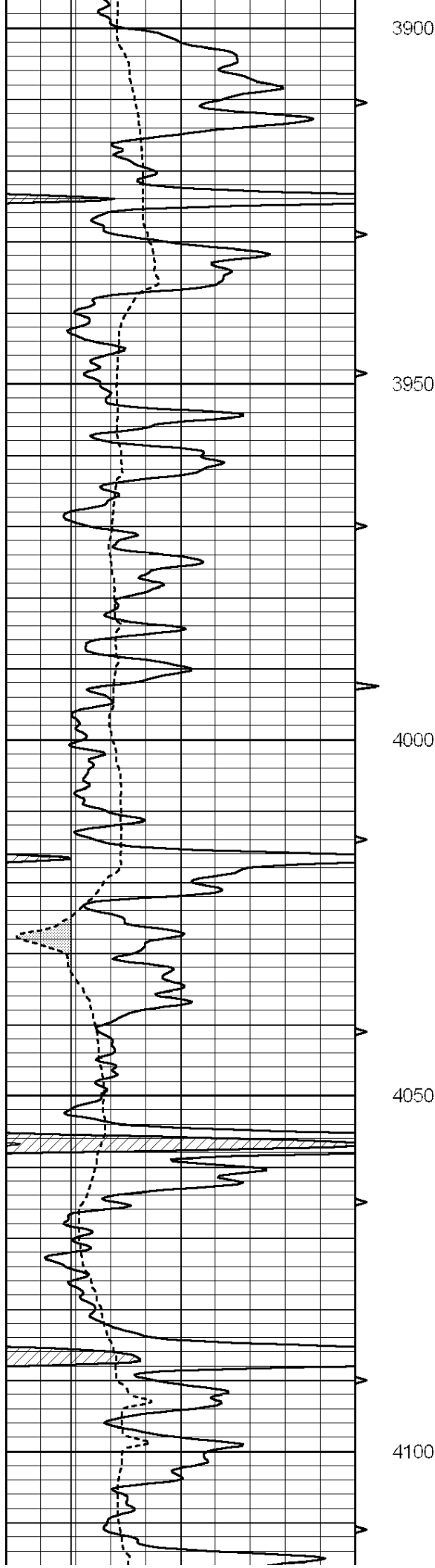
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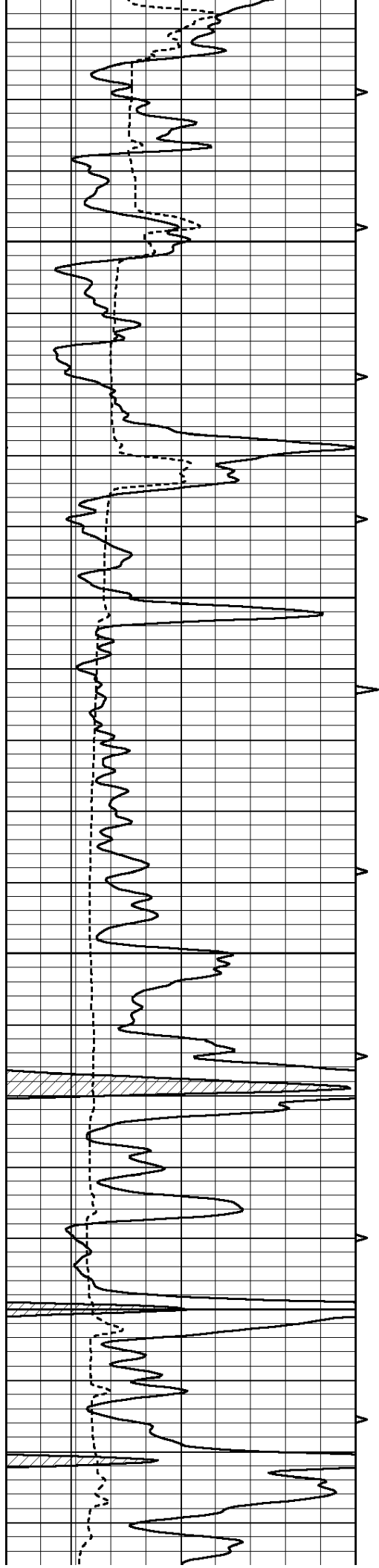
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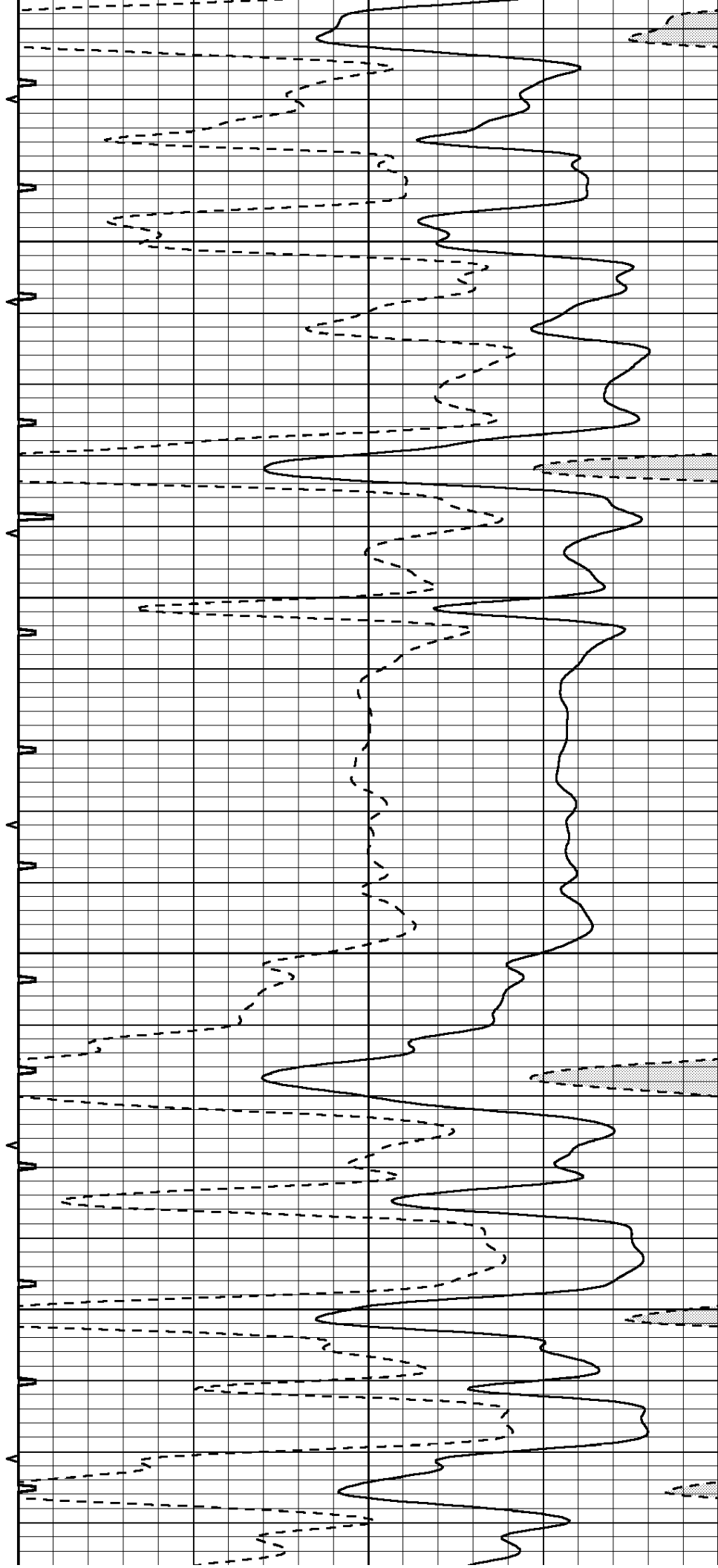


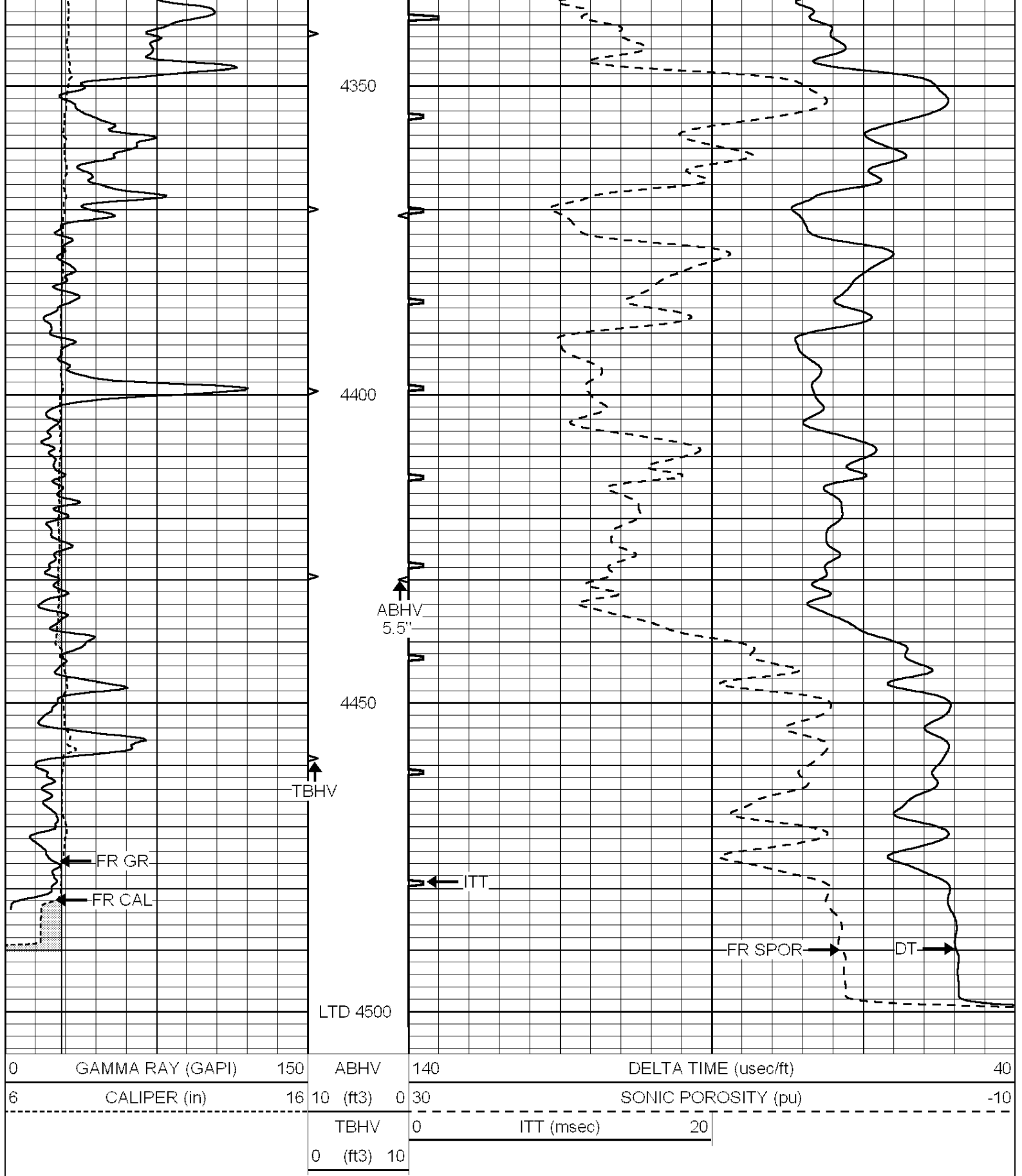
4150

4200

4250

4300





SUPERIOR
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REPEAT SECTION

Database File: 0070050001.db
Dataset Pathname: pass5.1
Presentation Format: _slt
Dataset Creation: Thu May 19 20:34:52 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				

