



SONIC LOG

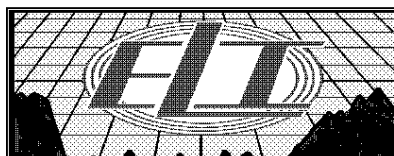
Company		SHELBY RESOURCES, LLC.	
Well		FRICK FAMILY FARMS #1-18	
Field		WILDCAT	
County		PAWNEE	
State		KANSAS	
Location:		API # : 15-145-21822-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 11' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 18 TWP 22S RGE 16W		Elevation	
		K.B. 2026	
		D.F. 2024	
		G.L. 2015	
Other Services		CDL/CNL/PE	
		DIL/MEL	
Date	10/7/16		
Run Number	TWO		
Depth Driller	4190		
Depth Logger	4192		
Bottom Logged Interval	4184		
Top Log Interval	1000		
Casing Driller	8 5/8"@1061'		
Casing Logger	1061		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5,200 PPM	
Density / Viscosity	9.3/62		
pH / Fluid Loss	10.5/8.4		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.750@80F		
Rmf @ Meas. Temp	.563@80F		
Rmc @ Meas. Temp	.900@80F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.508@118F		
Time Circulation Stopped	4.5 HOURS		
Time Logger on Bottom	12:00 A.M.		
Maximum Recorded Temperature	118F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	JEREMY SCHWARTZ		

<<< 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

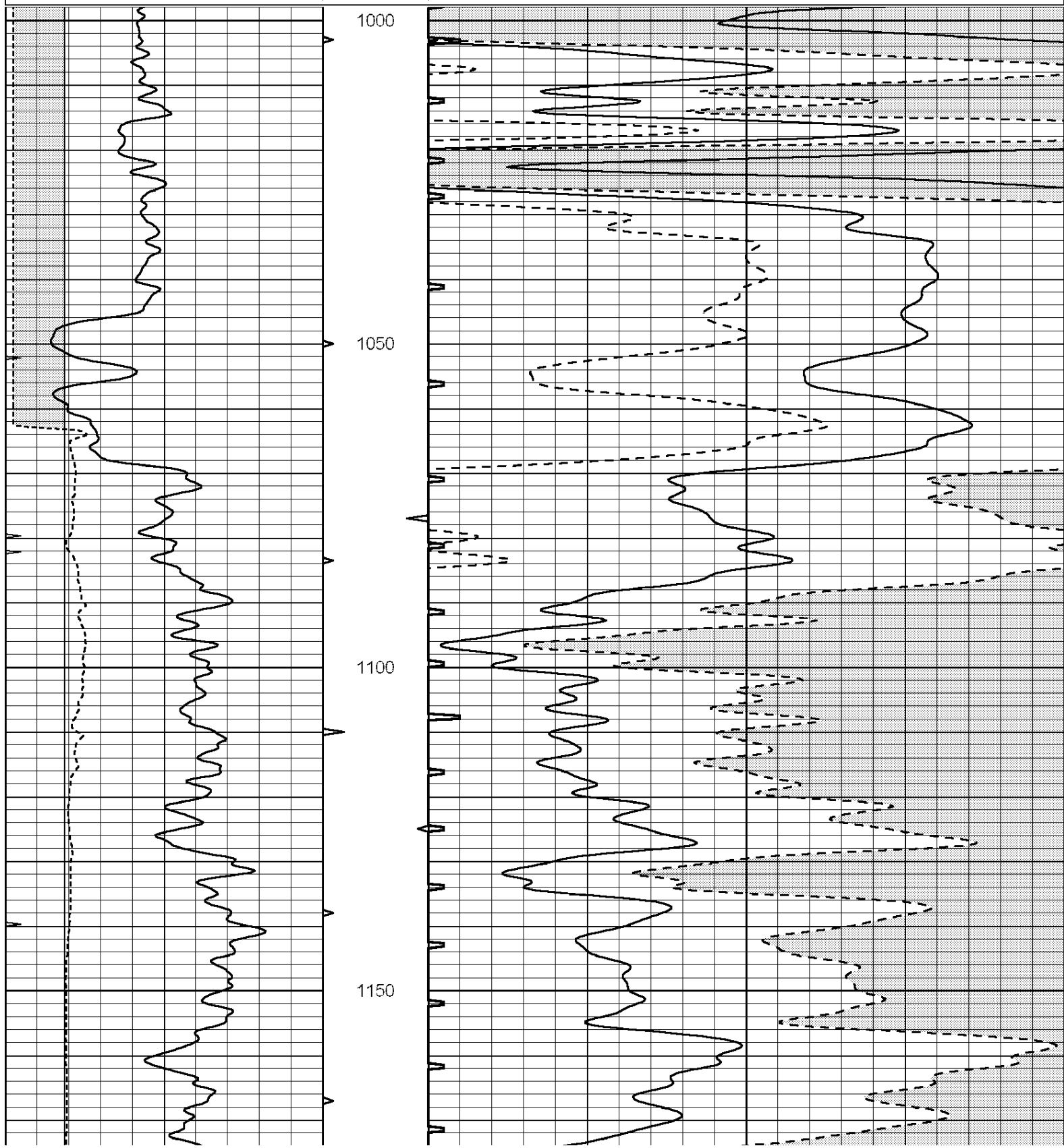
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
LARNED, KS., 2S. ON HWY 19 TO "RD. J", 1 1/4W., N. INTO

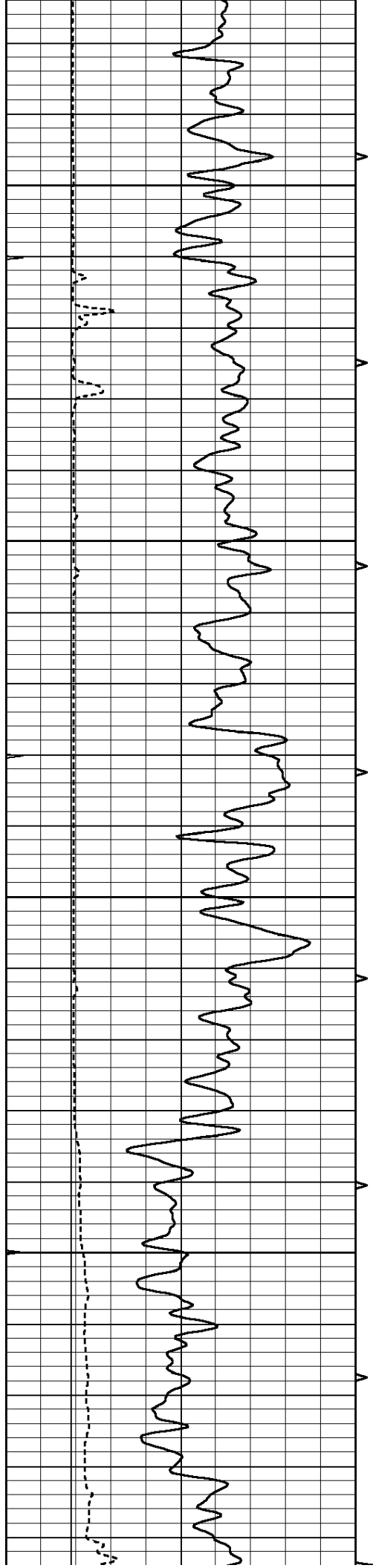


MAIN SECTION

Database File: 31328ddn.db
Dataset Pathname: pass6.4
Presentation Format: slt
Dataset Creation: Fri Oct 07 03:24:20 2016 by Calc SOC 120430
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				



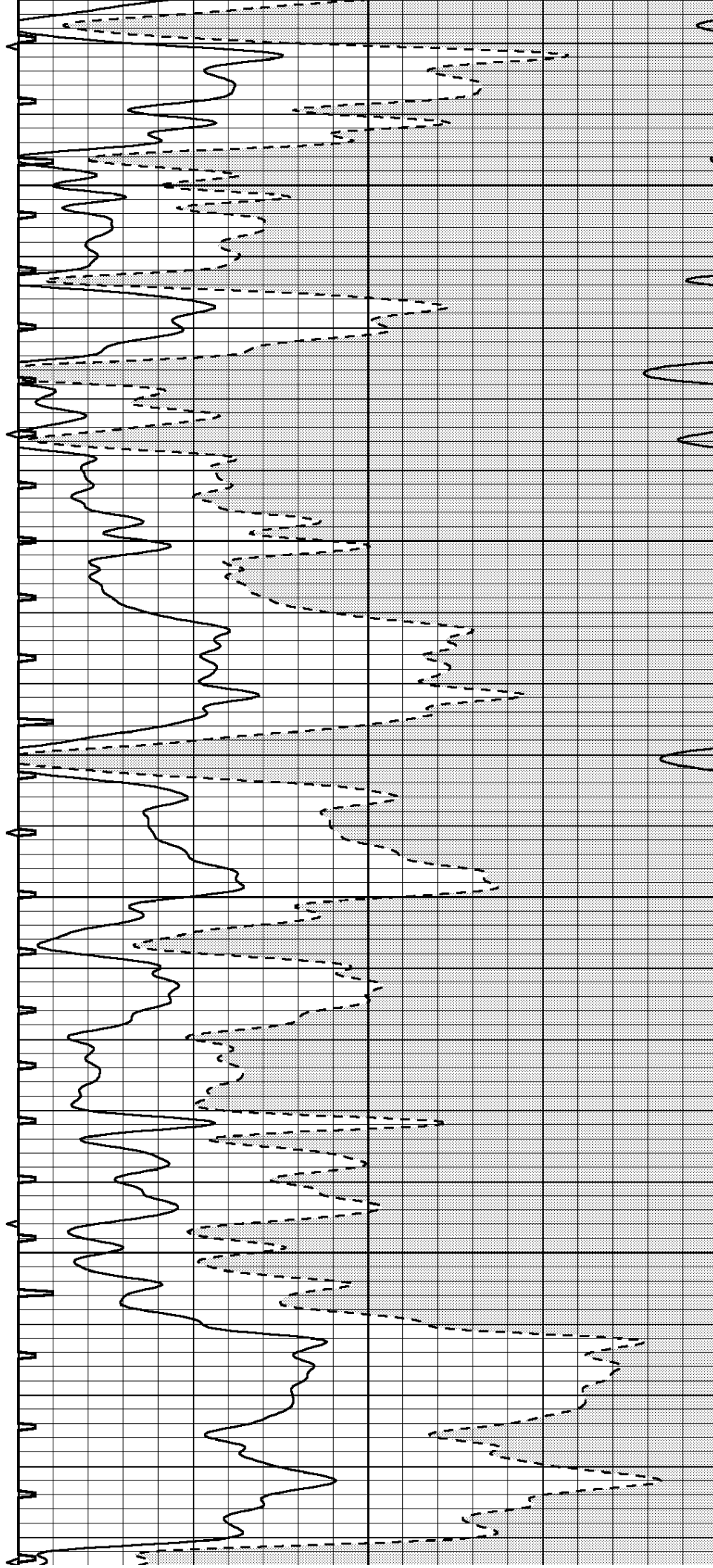


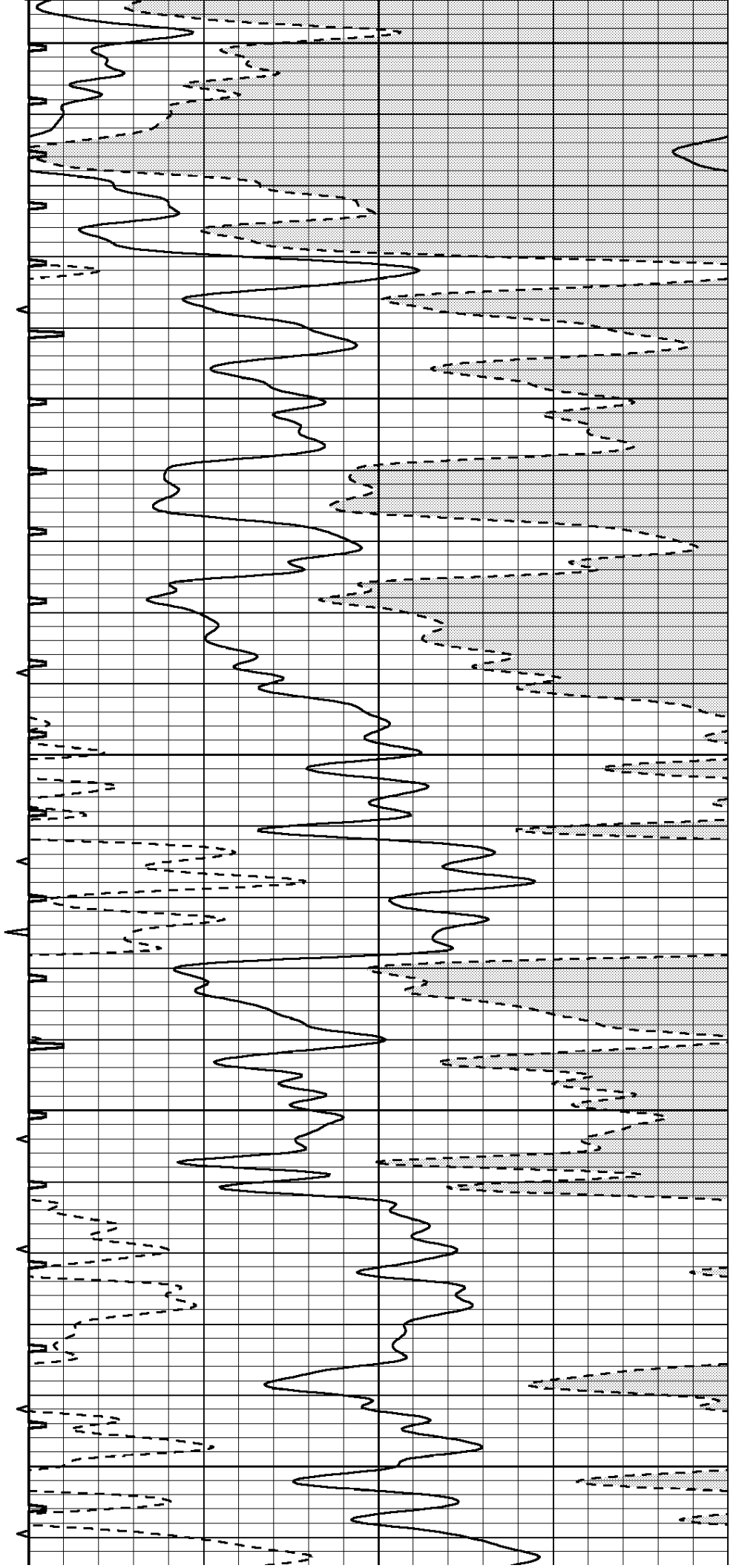
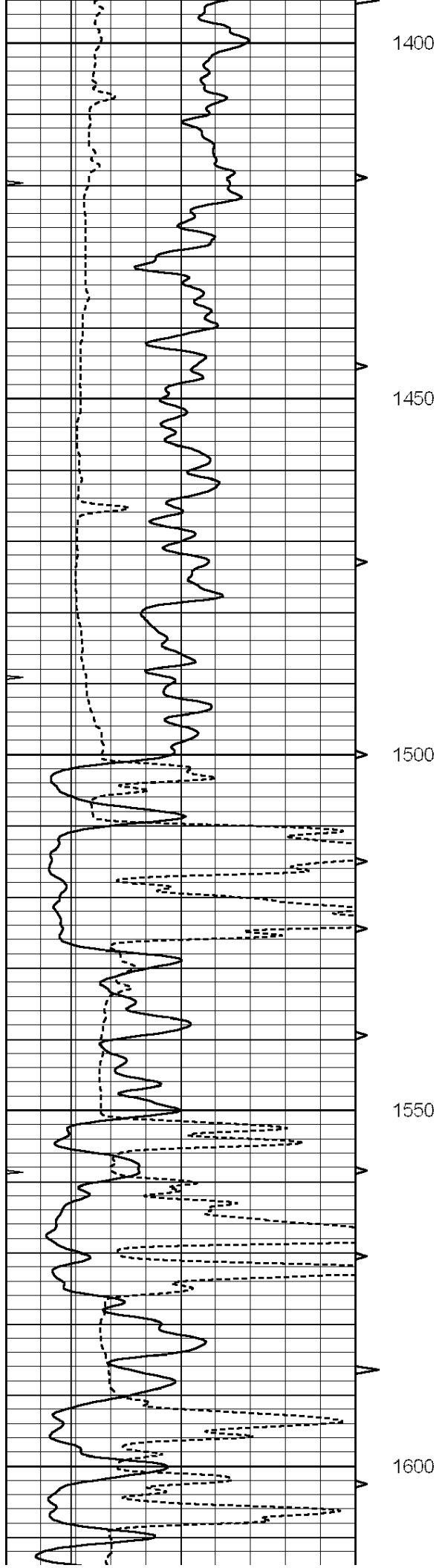
1200

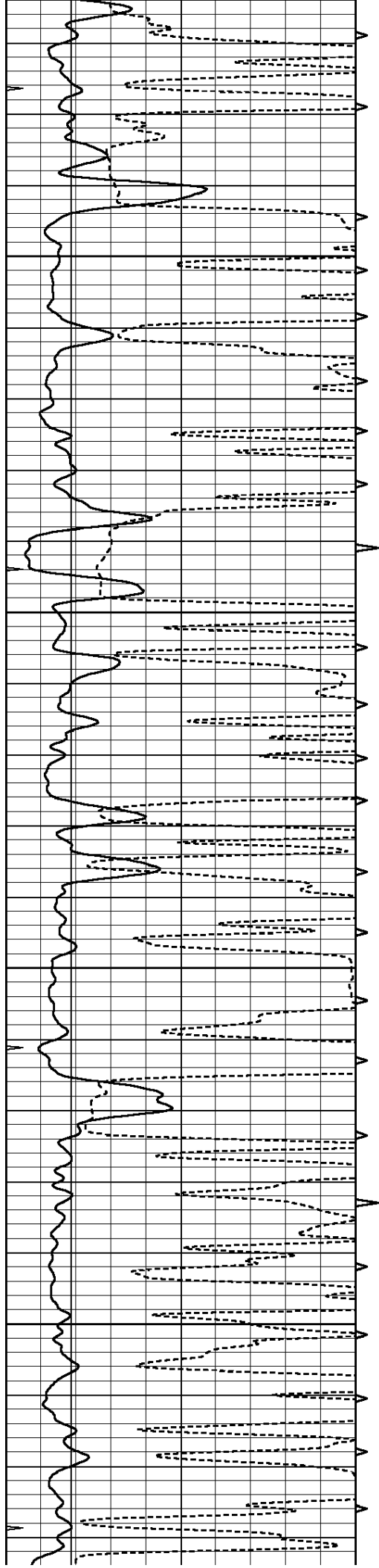
1250

1300

1350





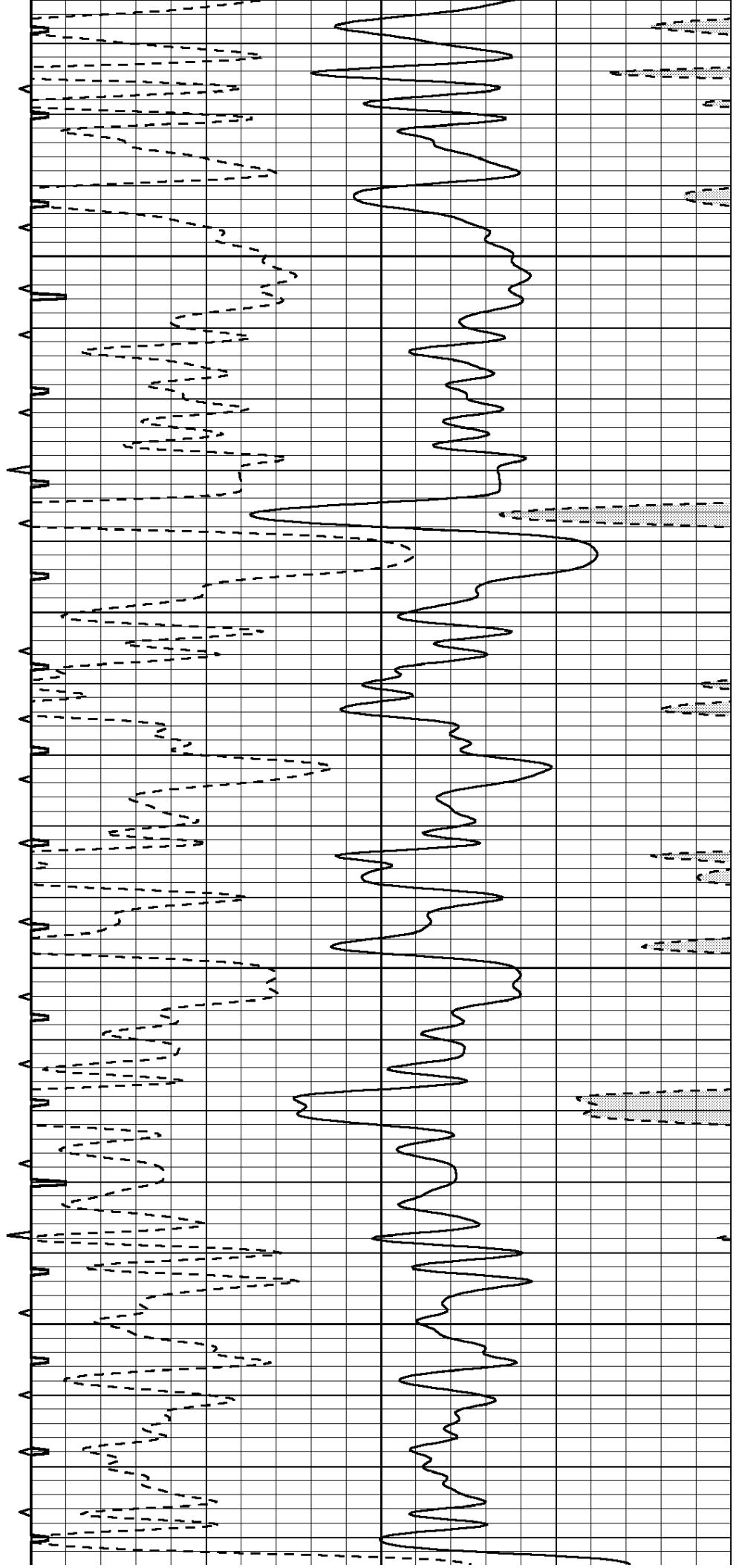


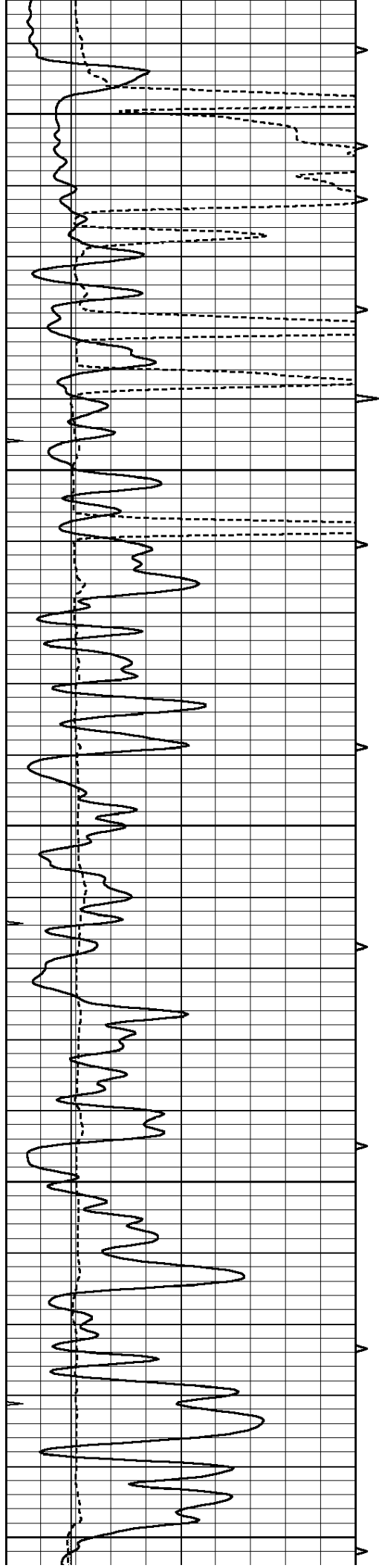
1650

1700

1750

1800





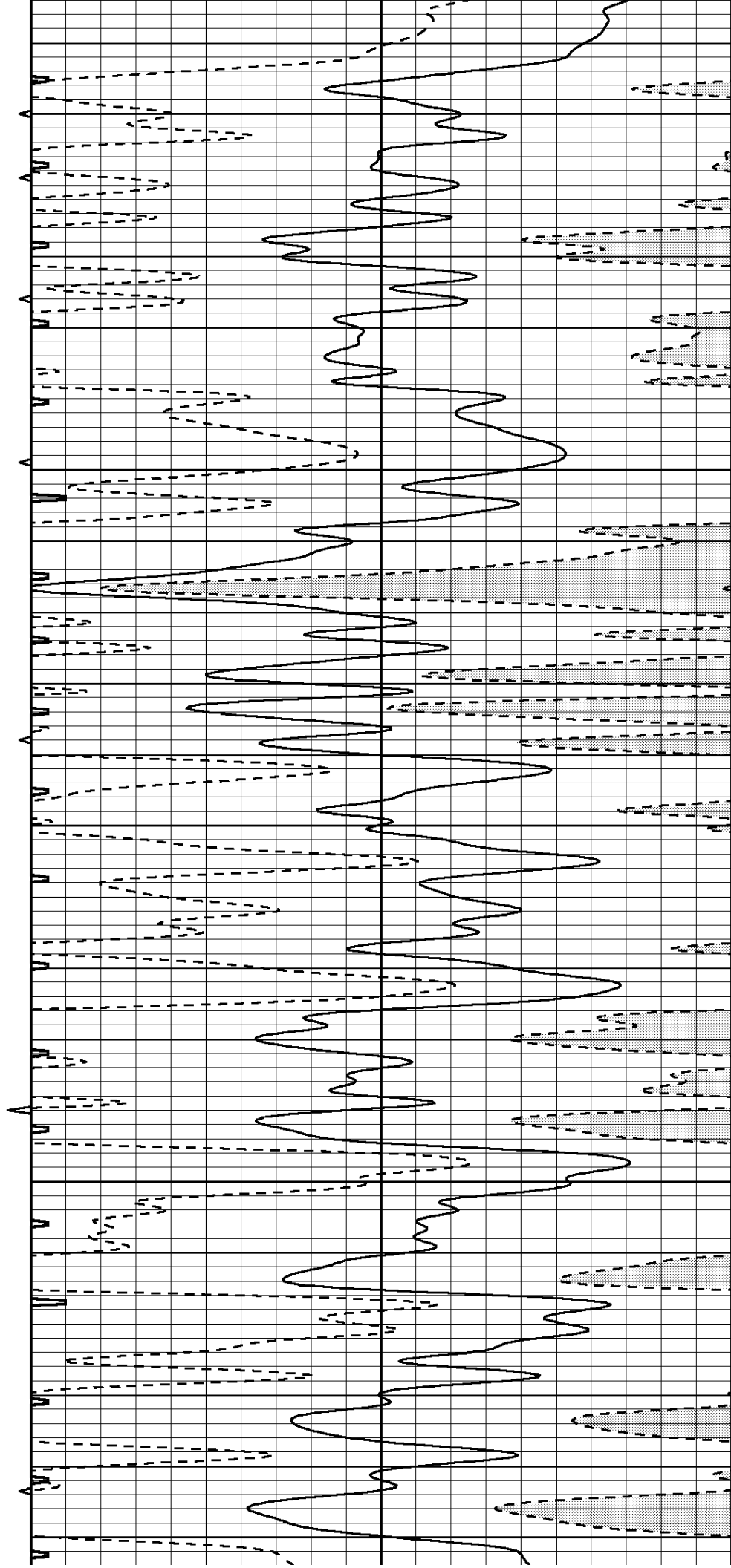
1850

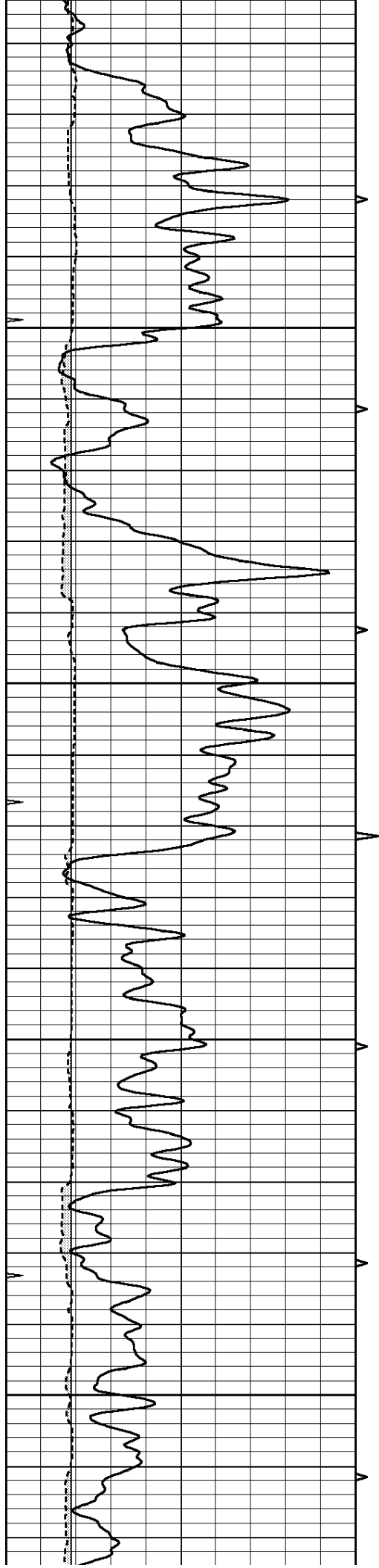
1900

1950

2000

2050



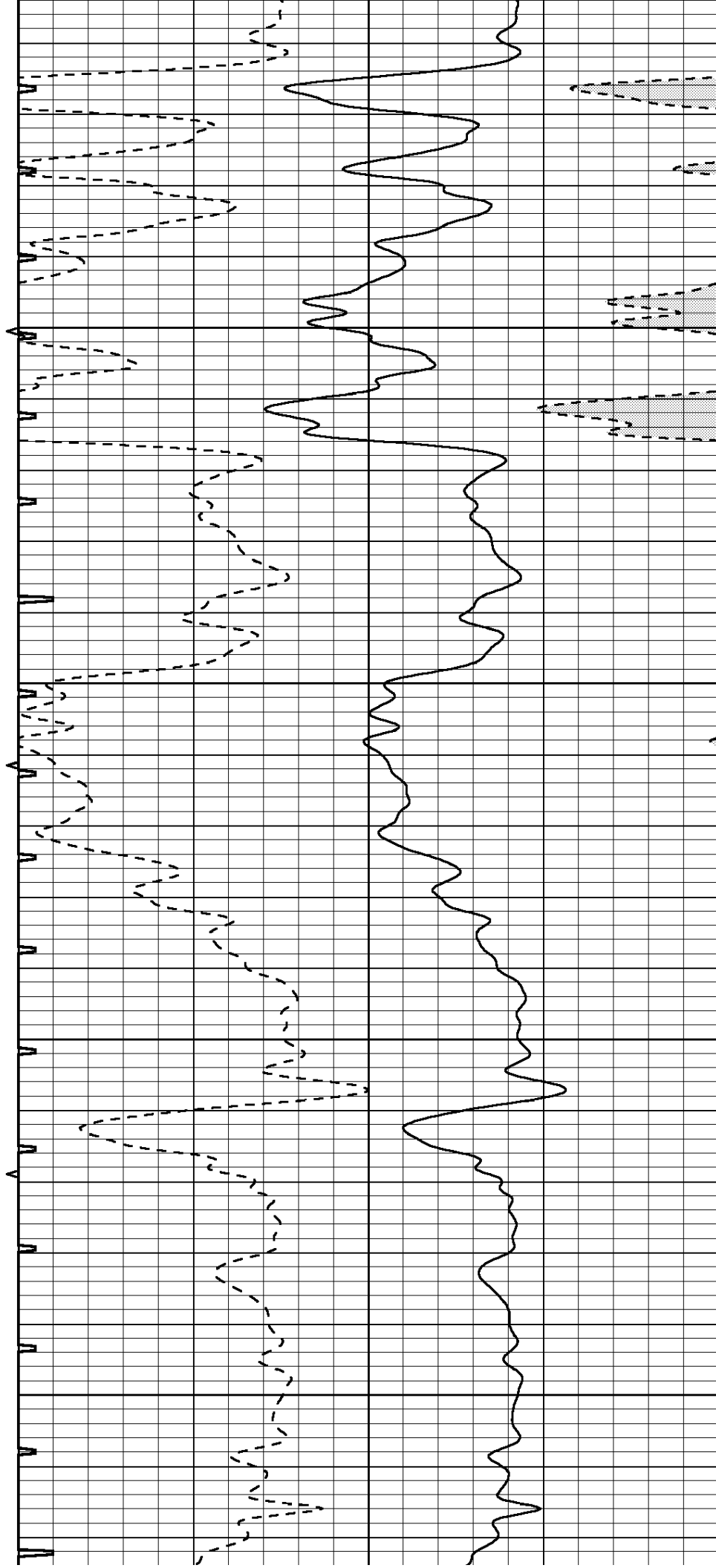


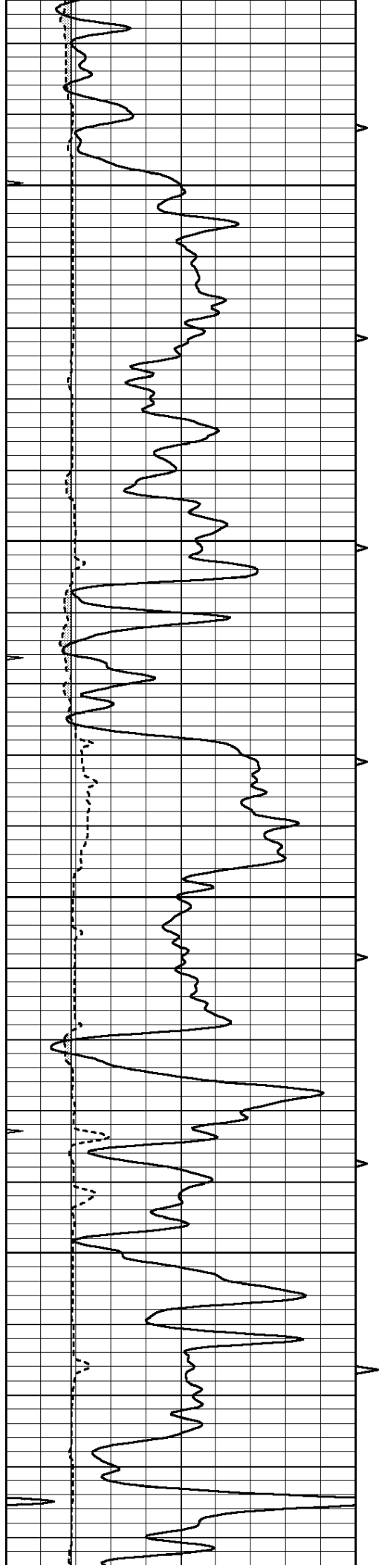
2100

2150

2200

2250



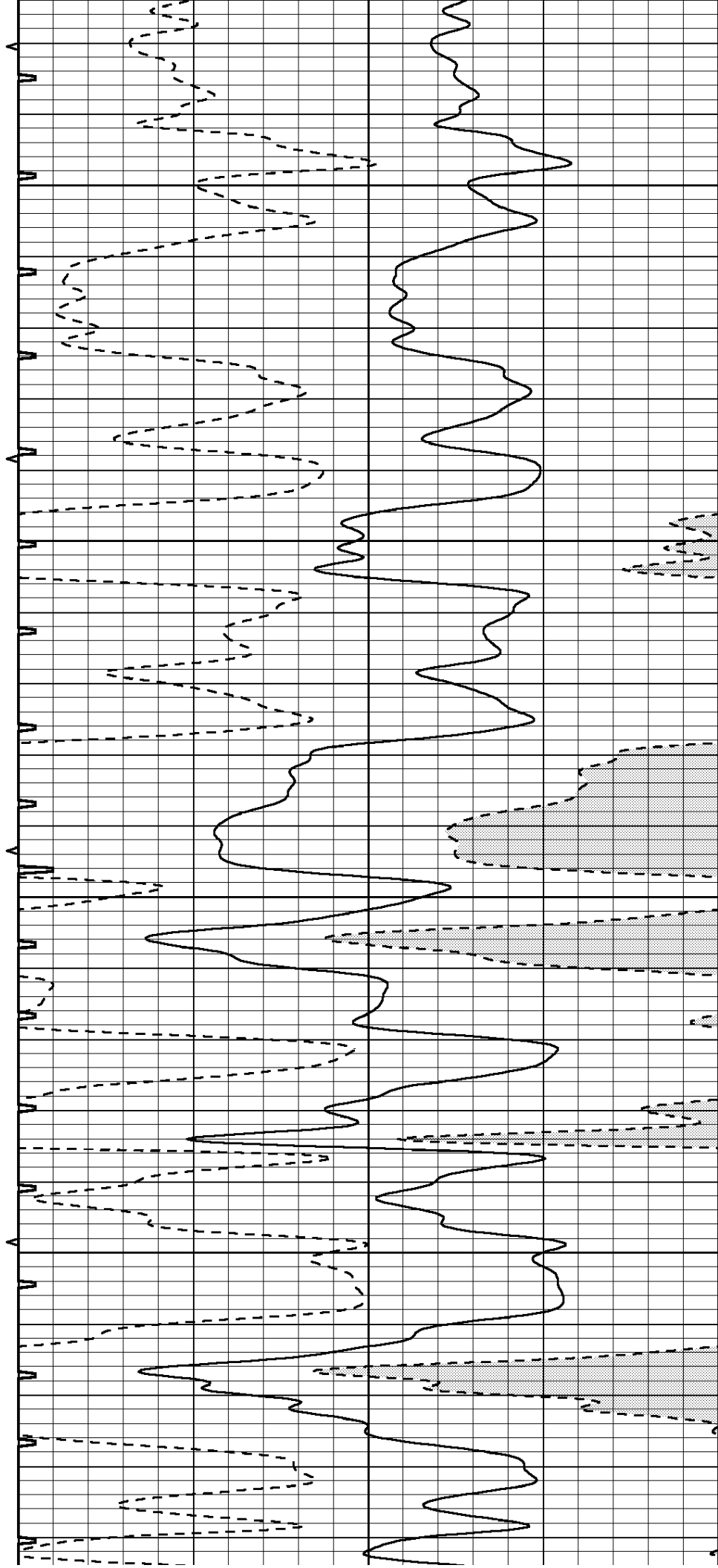


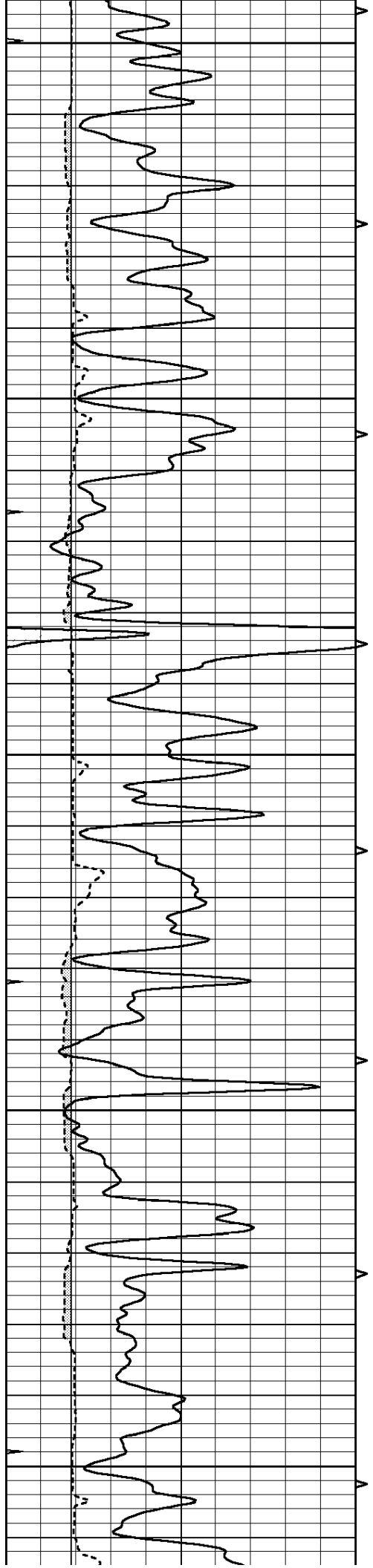
2300

2350

2400

2450





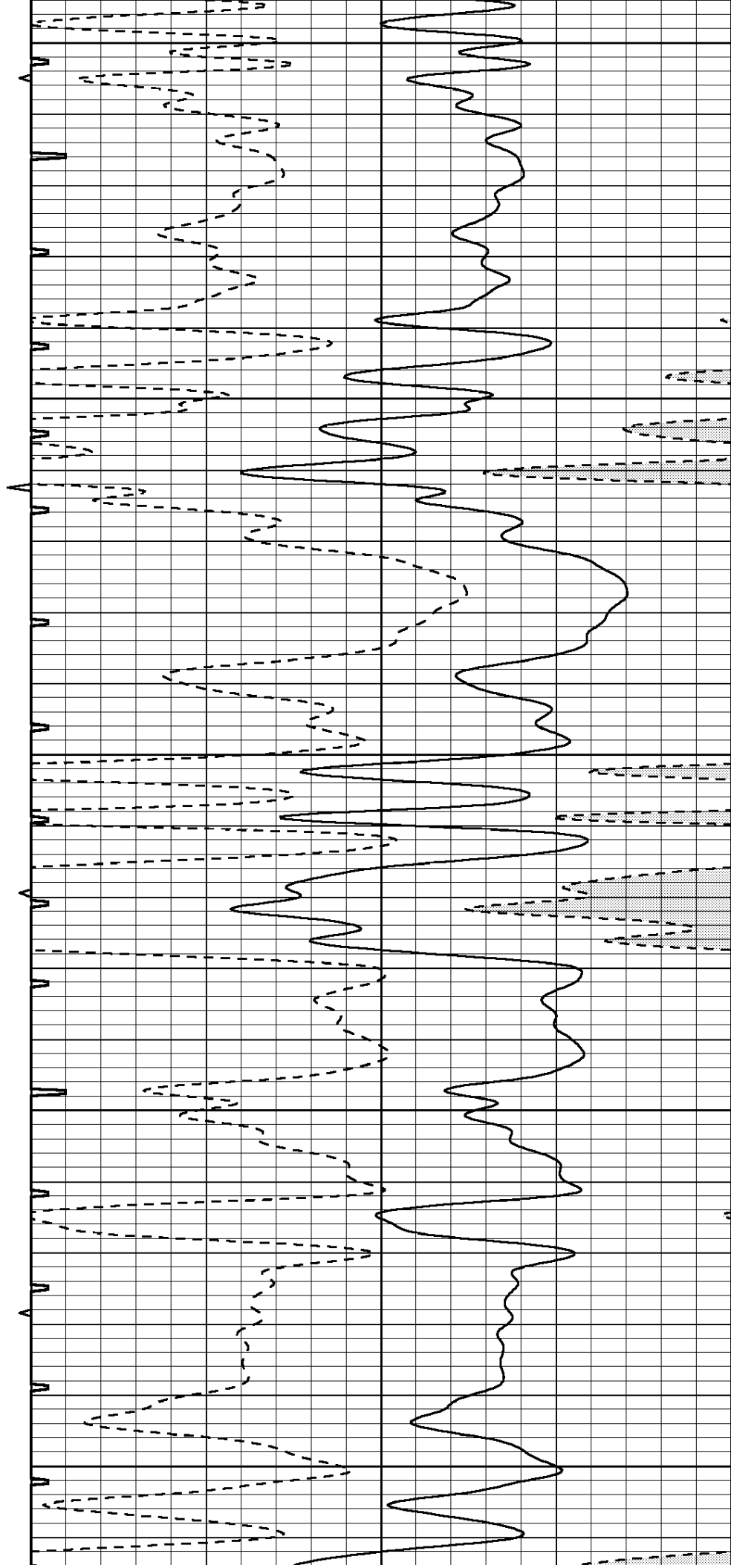
2500

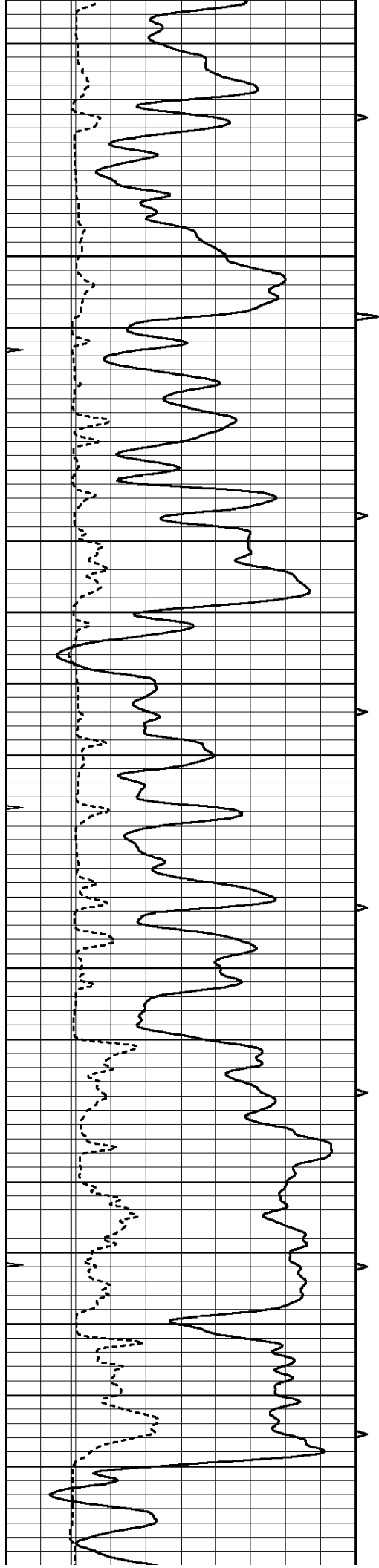
2550

2600

2650

2700



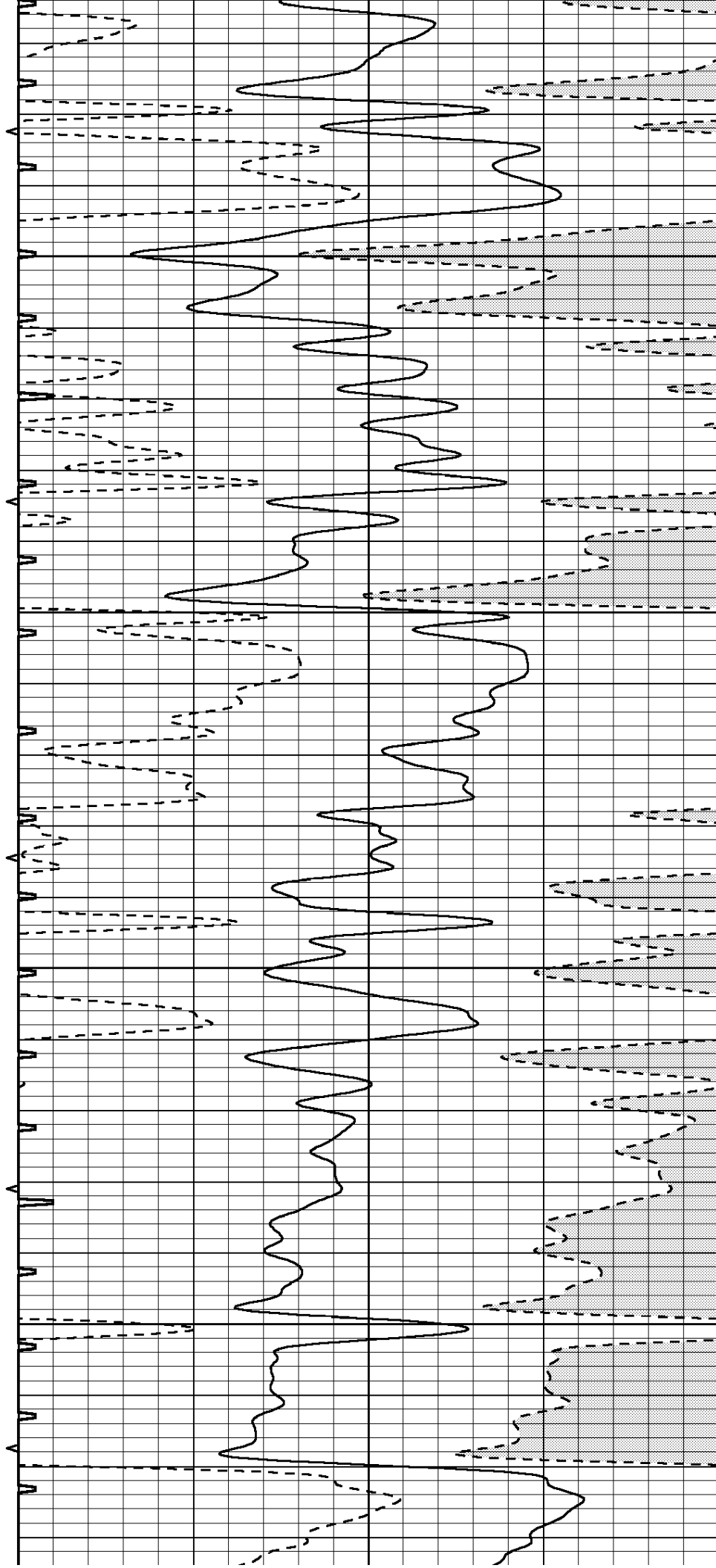


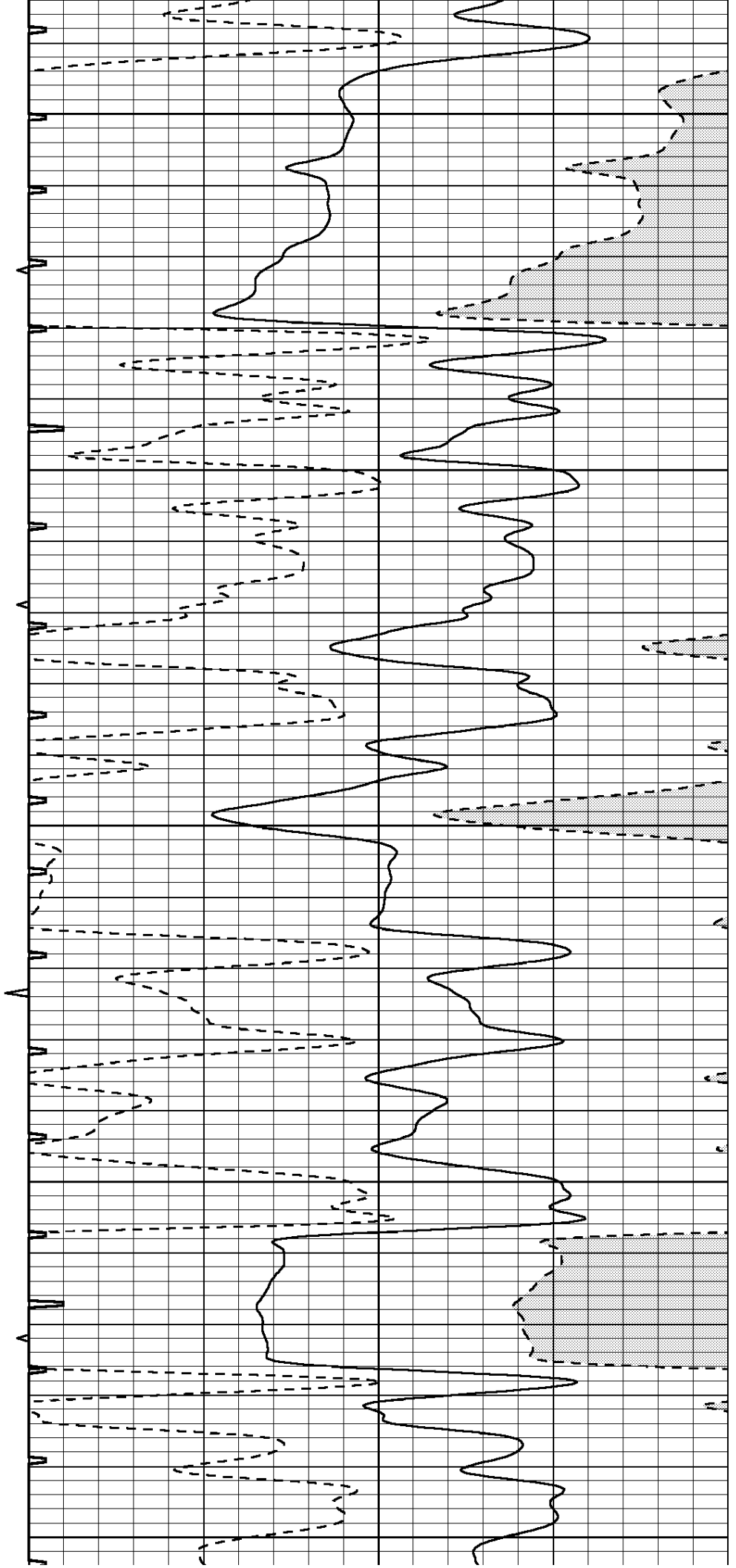
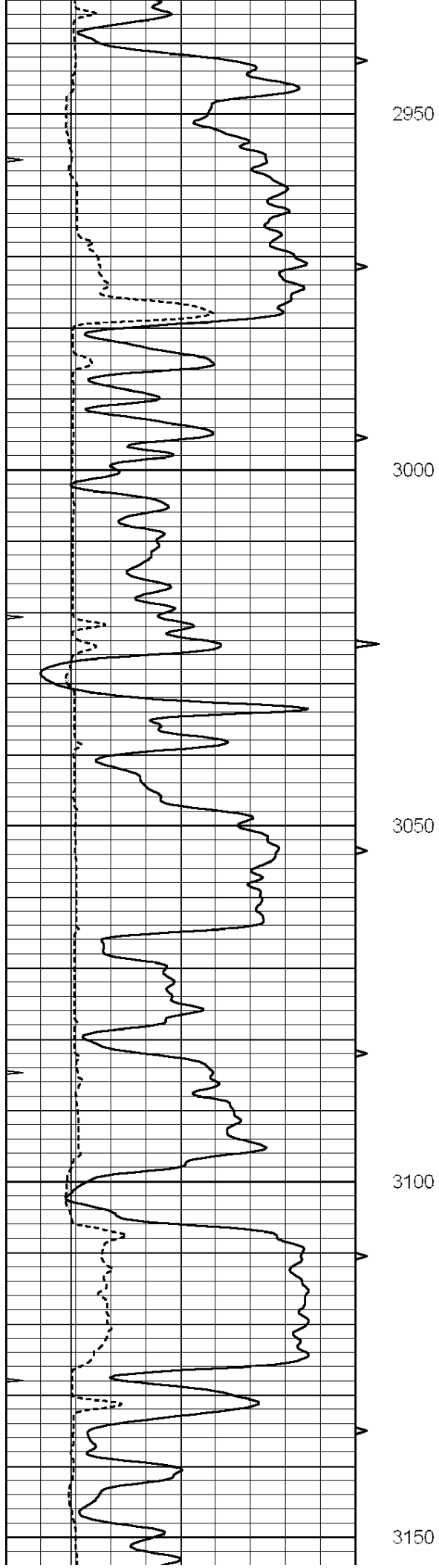
2750

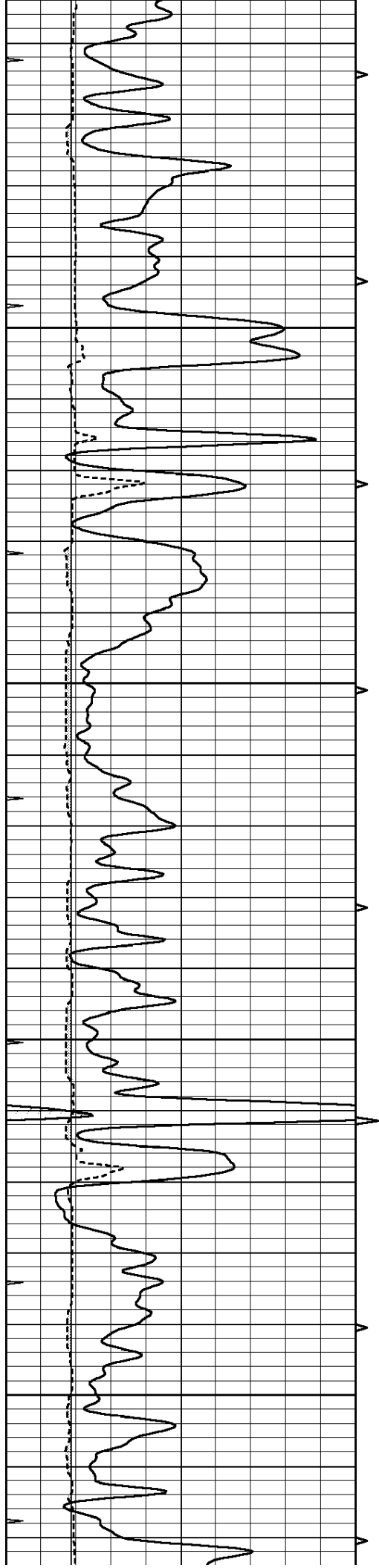
2800

2850

2900





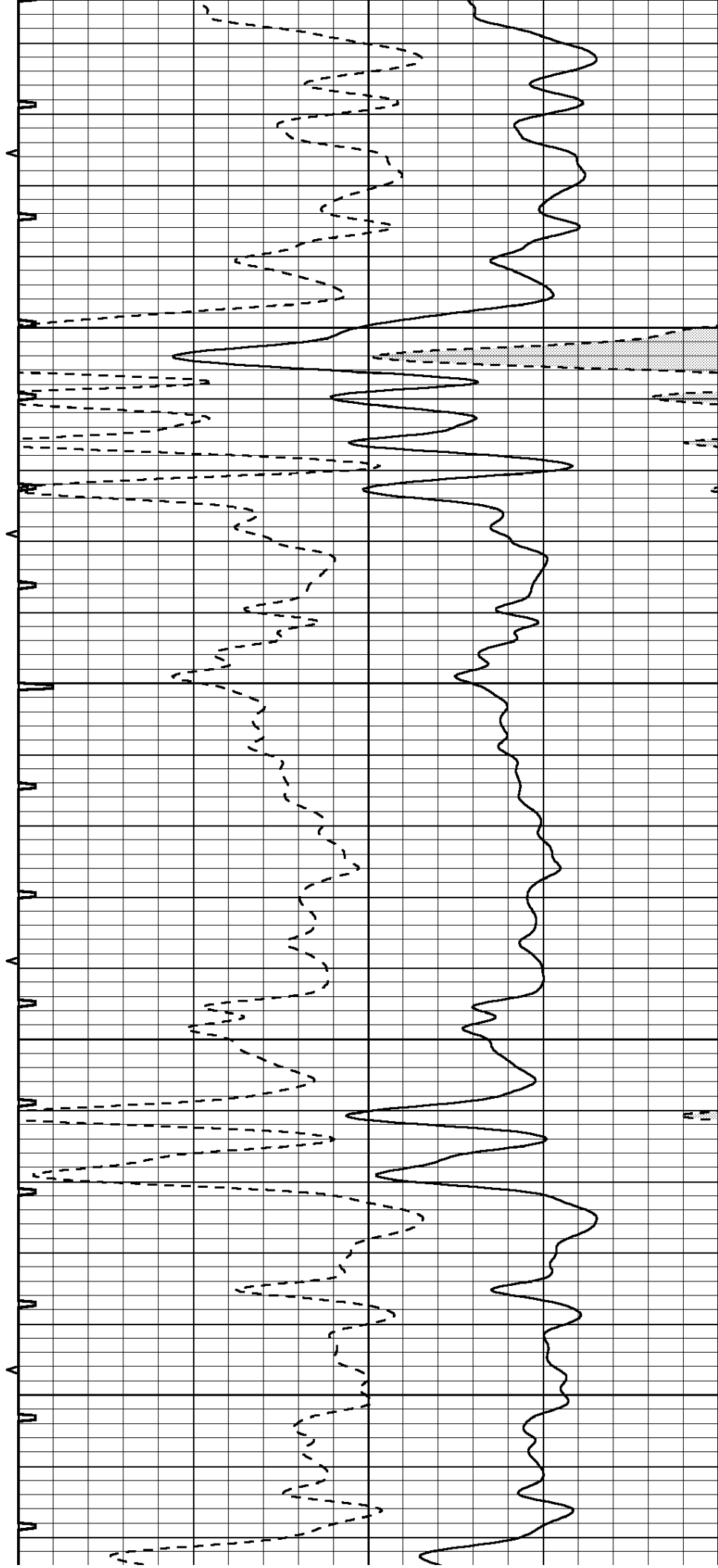


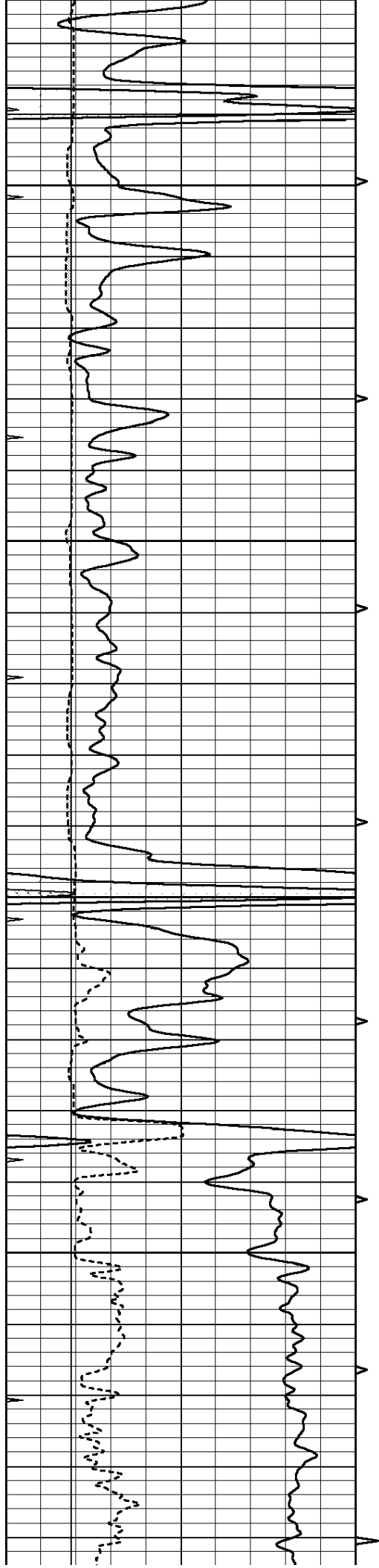
3200

3250

3300

3350



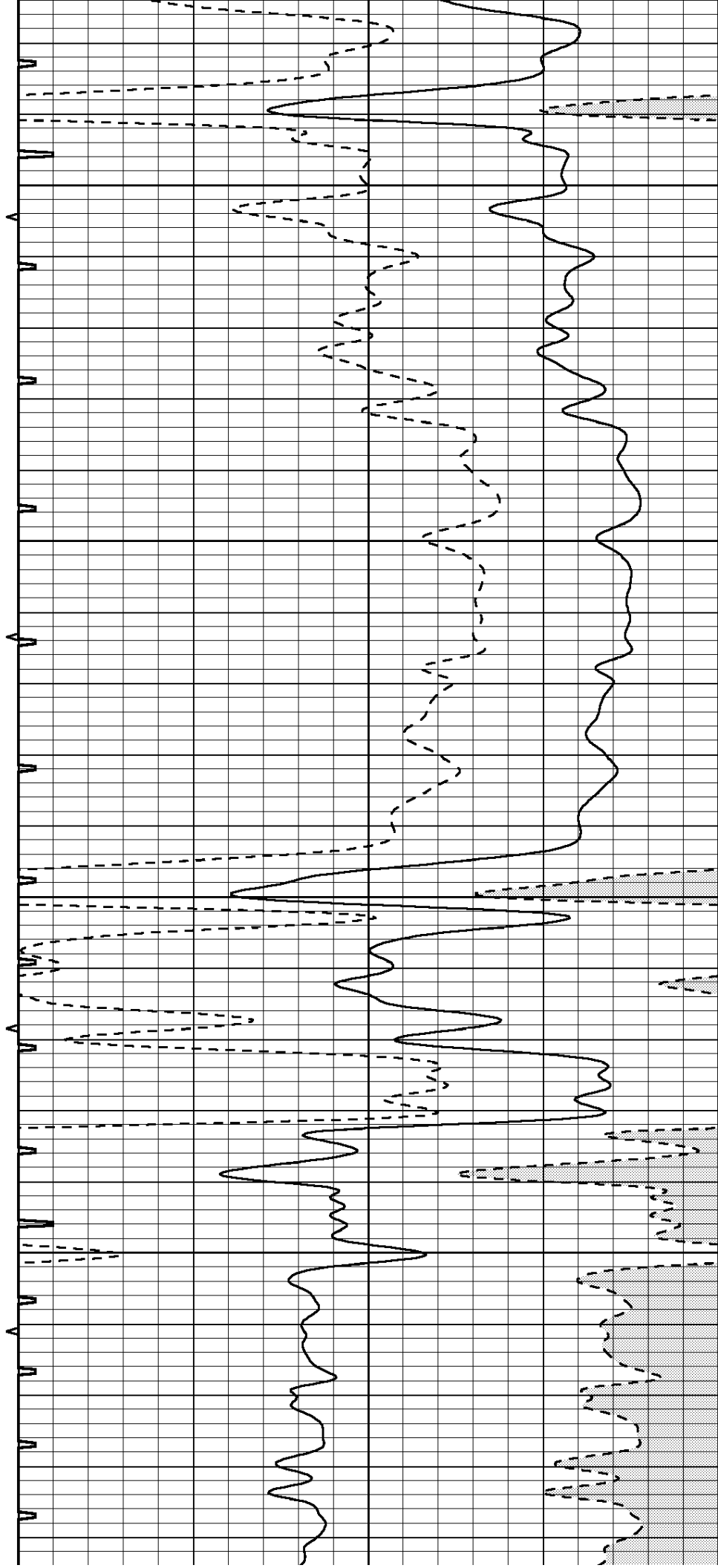


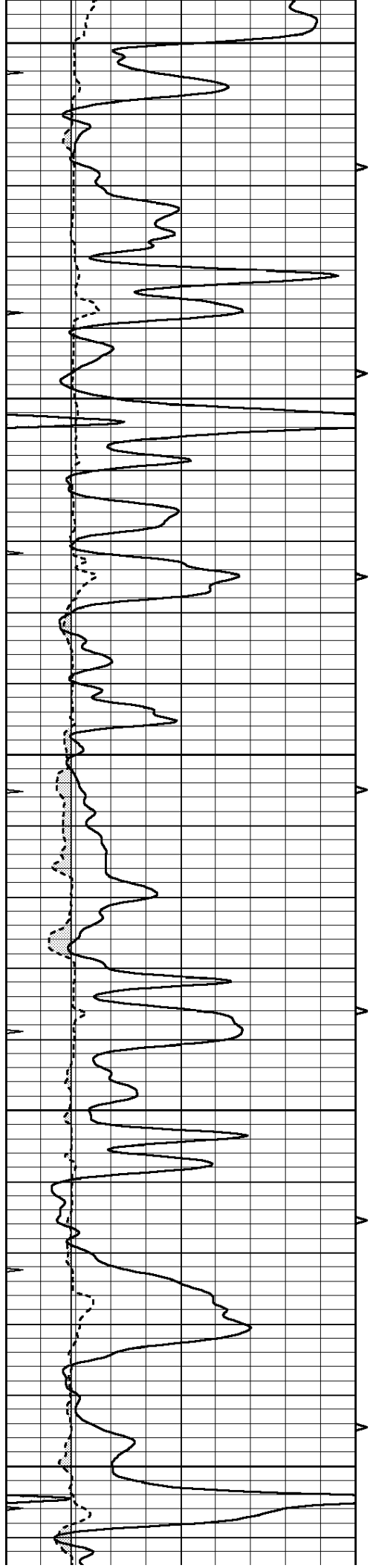
3400

3450

3500

3550





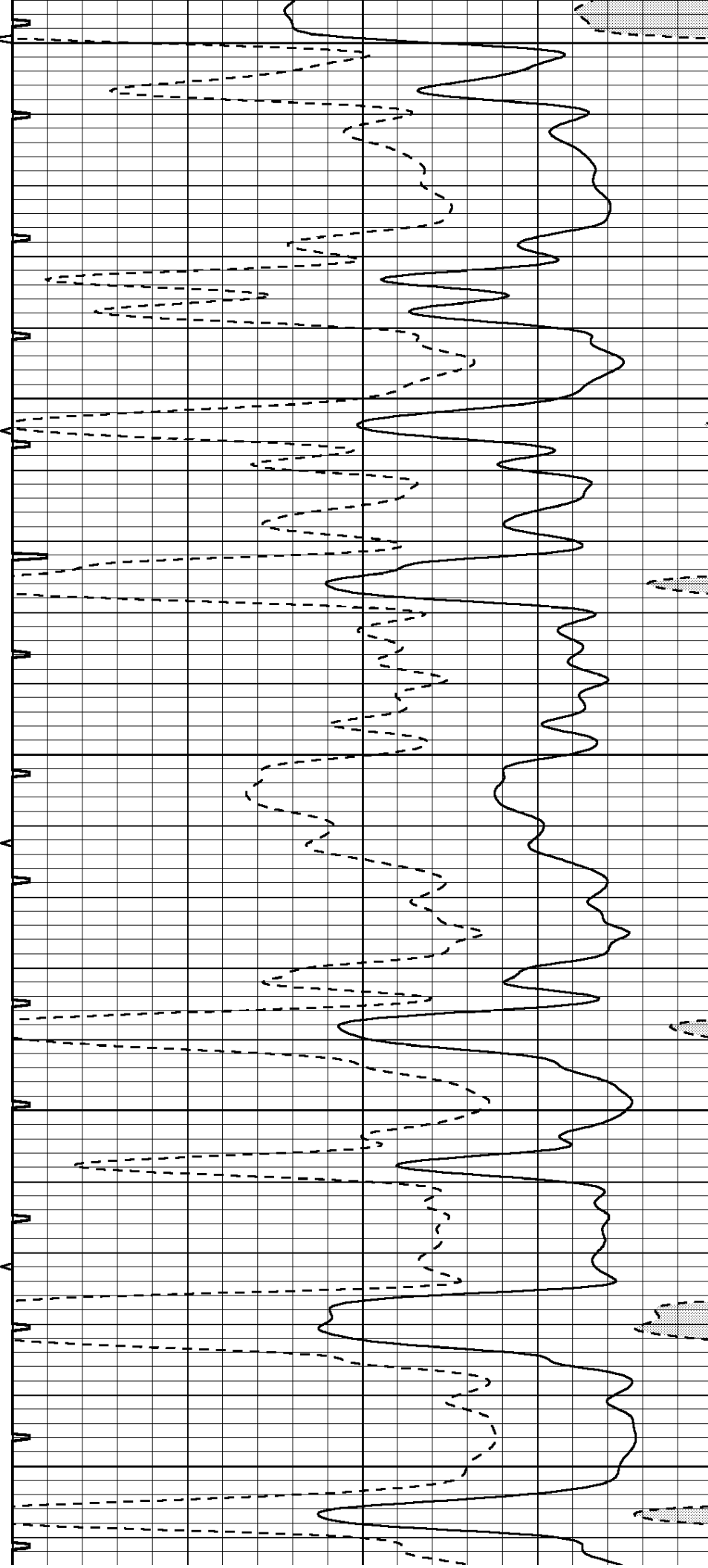
3600

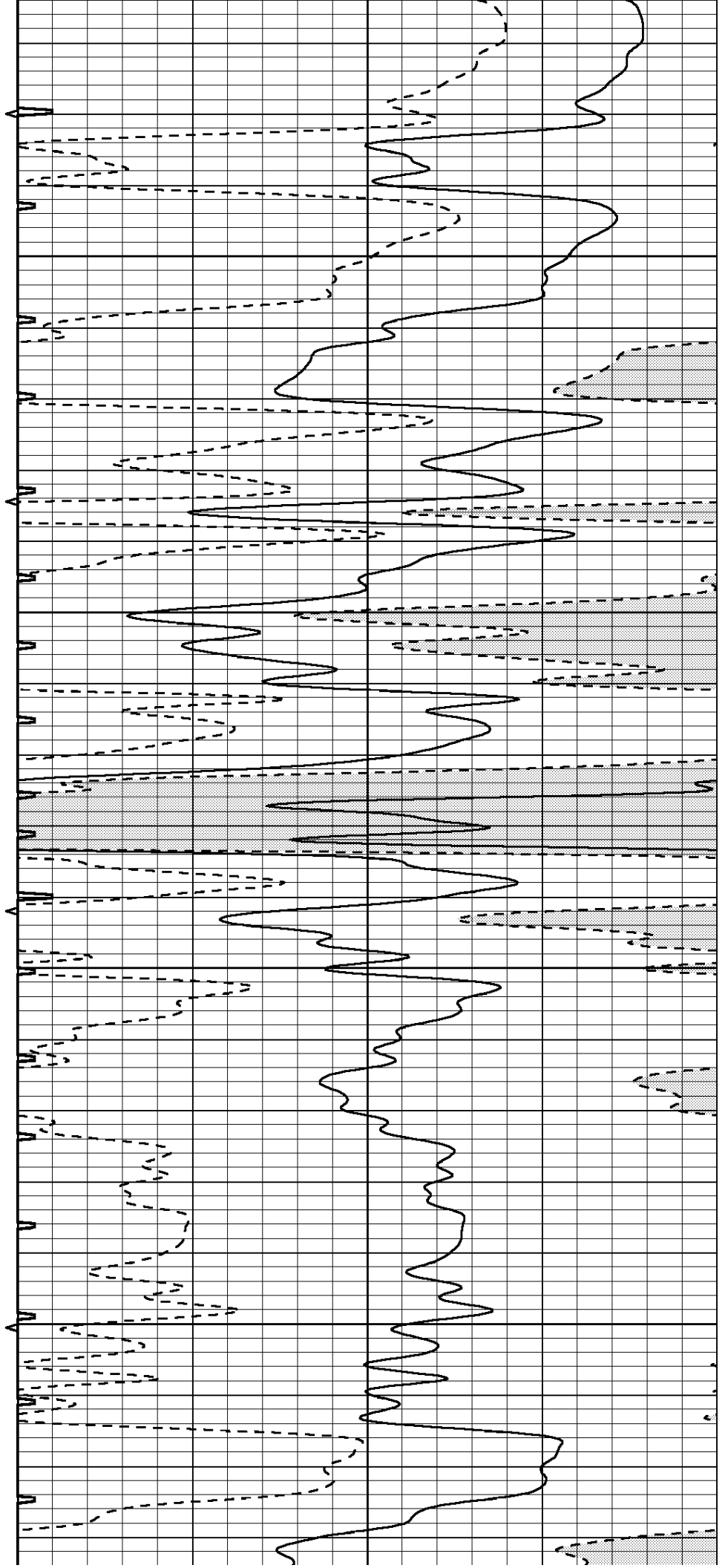
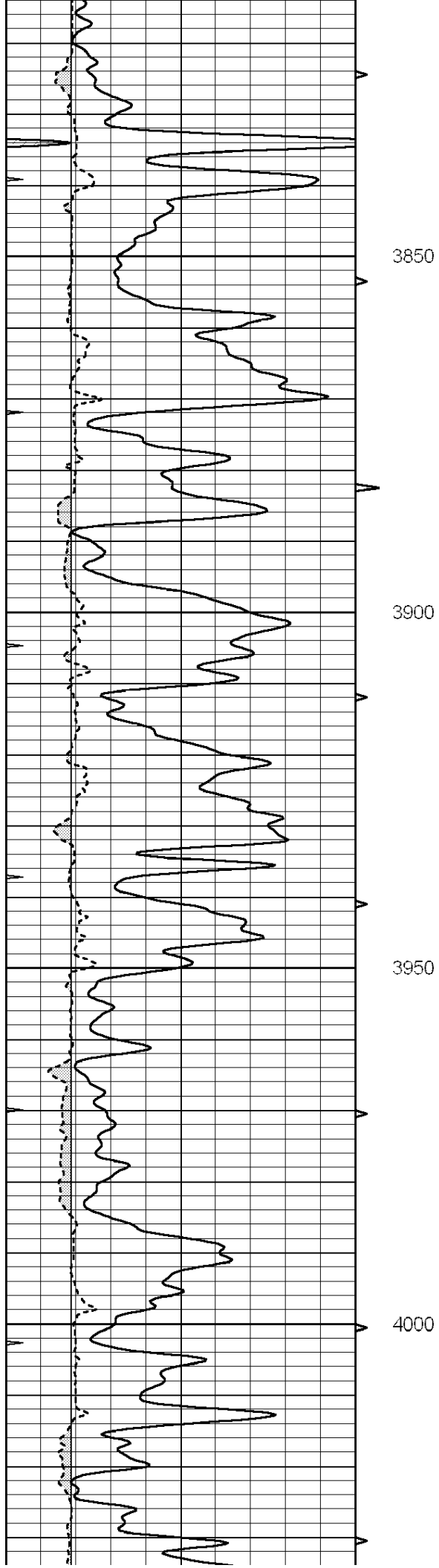
3650

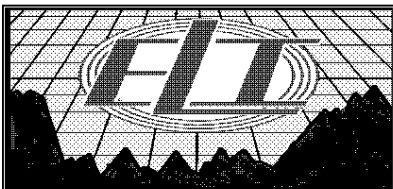
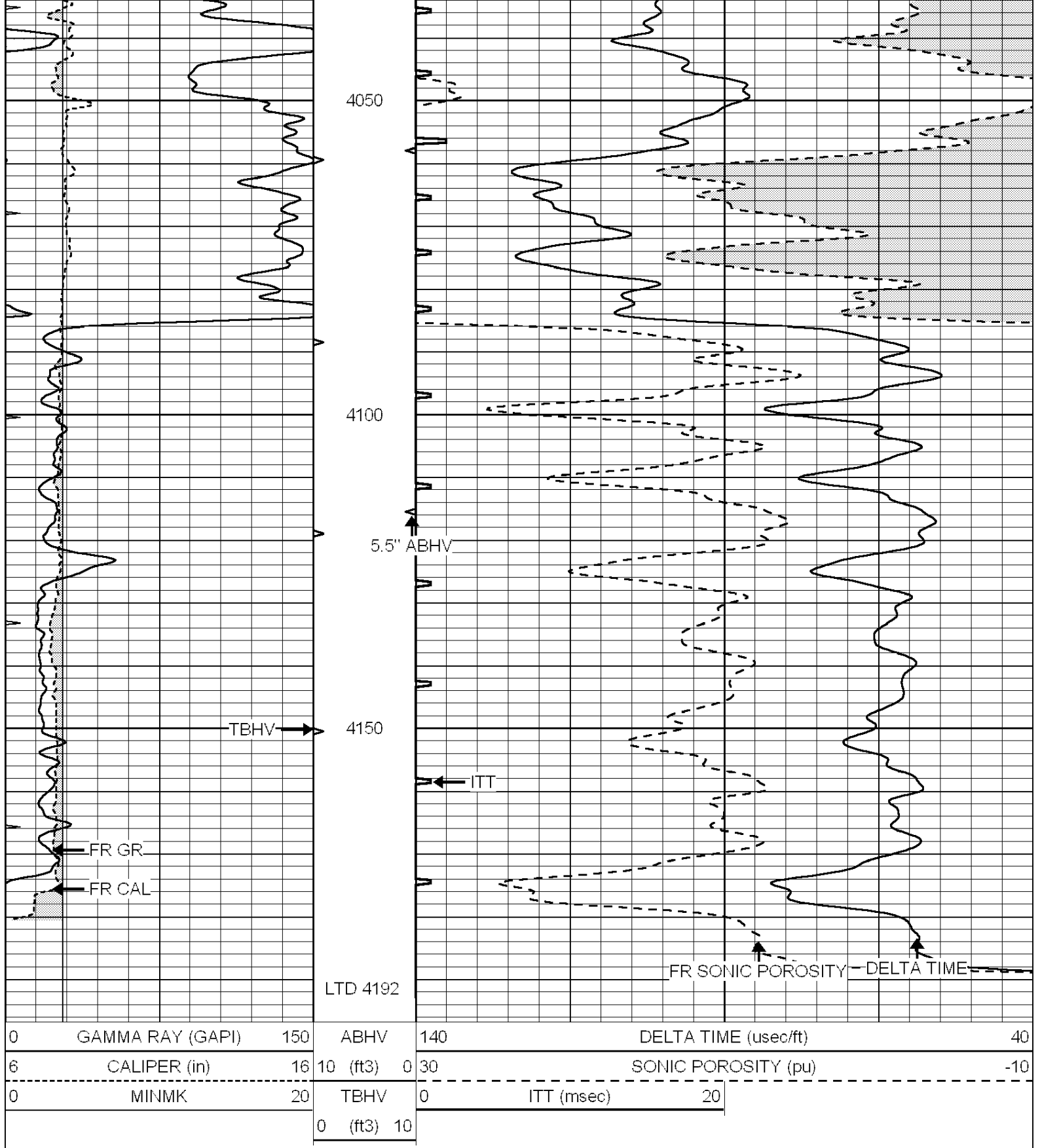
3700

3750

3800



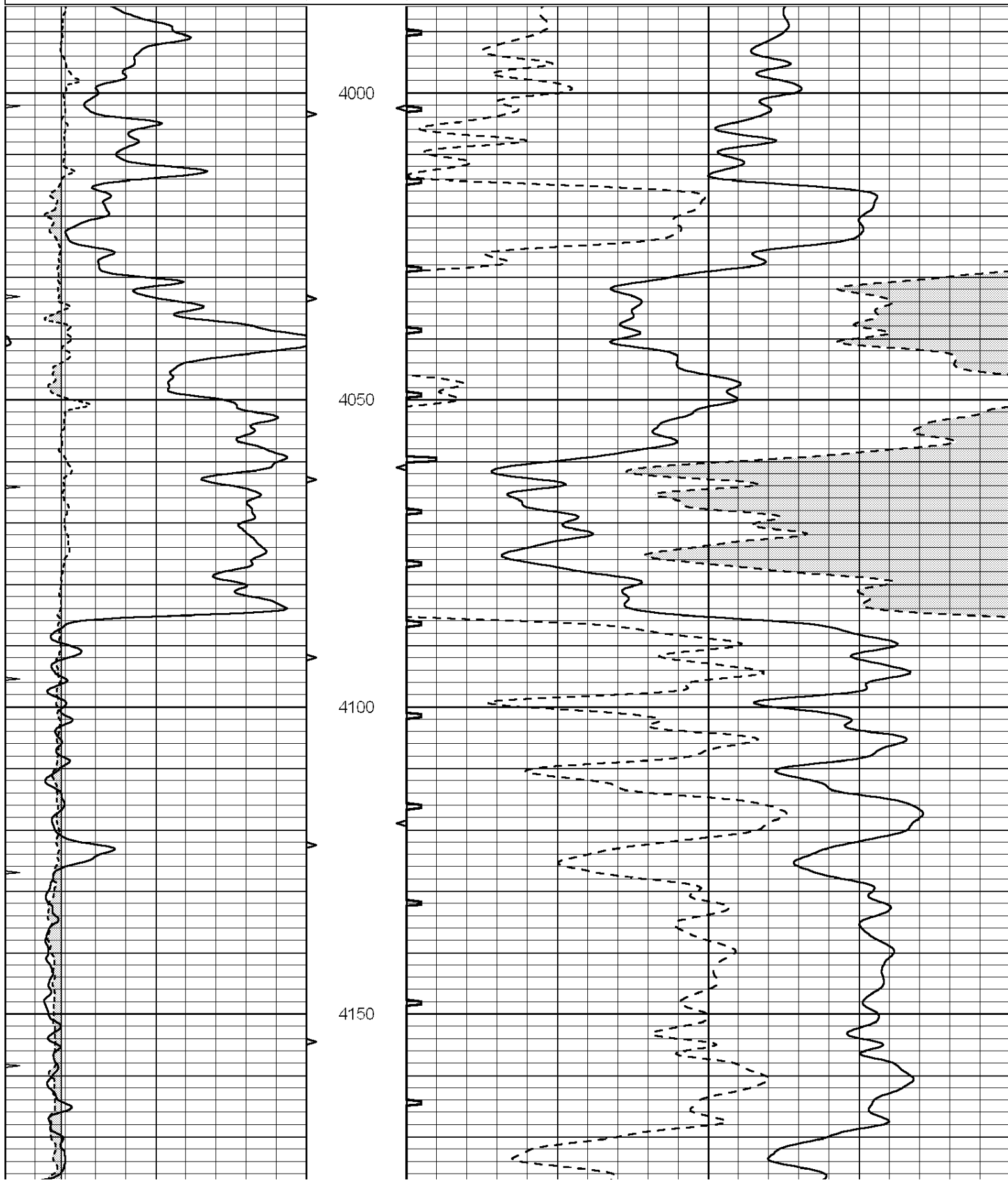


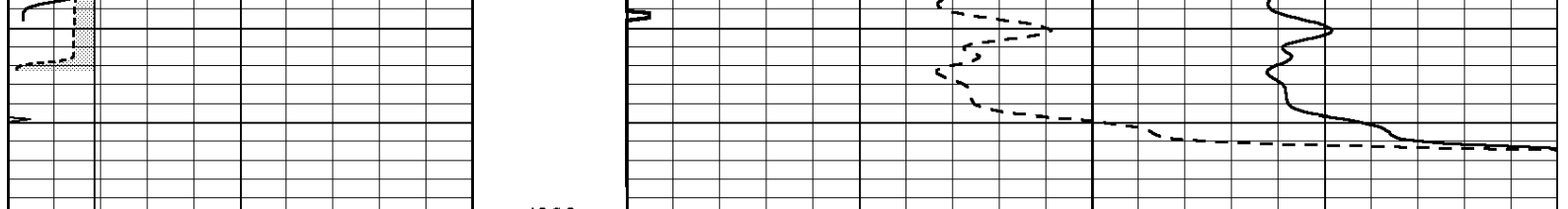


REPEAT SECTION

Database File: 31328ddn.db
Dataset Pathname: pass5.2
Presentation Format: slt

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			





			4200			
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			