



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company		DOWNING - NELSON OIL CO. INC.	
Well		DIANA PFEIFER #1-14	
Field		WILDCAT	
County		ELLIS	
State		KANSAS	
Company		DOWNING - NELSON OIL COMPANY, INC.	
Well		DIANA PFEIFER #1-14	
Field		WILDCAT	
County		ELLIS	
State		KANSAS	
Location:		API # : 15-051-26465-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		Elevation 2077	
Drilling Measured From		KELLY BUSHING 8' A.G.L.	
SEC 14 TWP 13S RGE 19W		Other Services CDL/CNL DIL/MEL	
Date		4/8/13	
Run Number		TWO	
Depth Driller		3793	
Depth Logger		3794	
Bottom Logged Interval		3782	
Top Log Interval		200	
Casing Driller		8 5/8"@220'	
Casing Logger		220	
Bit Size		7 7/8"	
Type Fluid in Hole		CHEMICAL MUD	
Density / Viscosity		9.0/5.1	
pH / Fluid Loss		10.0/8.0	
Source of Sample		FLOWLINE	
Rim @ Meas. Temp		.580@84F	
Rmf @ Meas. Temp		.435@84F	
Rmc @ Meas. Temp		.696@84F	
Source of Rmf / Rmc		MEASUREMENT	
Rim @ BHT		.427@114F	
Time Circulation Stopped		4 HOURS	
Time Logger on Bottom		12:00 A.M.	
Maximum Recorded Temperature		114F	
Equipment Number		4854	
Location		HAYS, KANSAS	
Recorded By		JEFF LUEBBERS	
Witnessed By		AL DOWNING	

<<< 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 "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
HAYS, KS. (PEANUT HOUSE) 2N., W. INTO

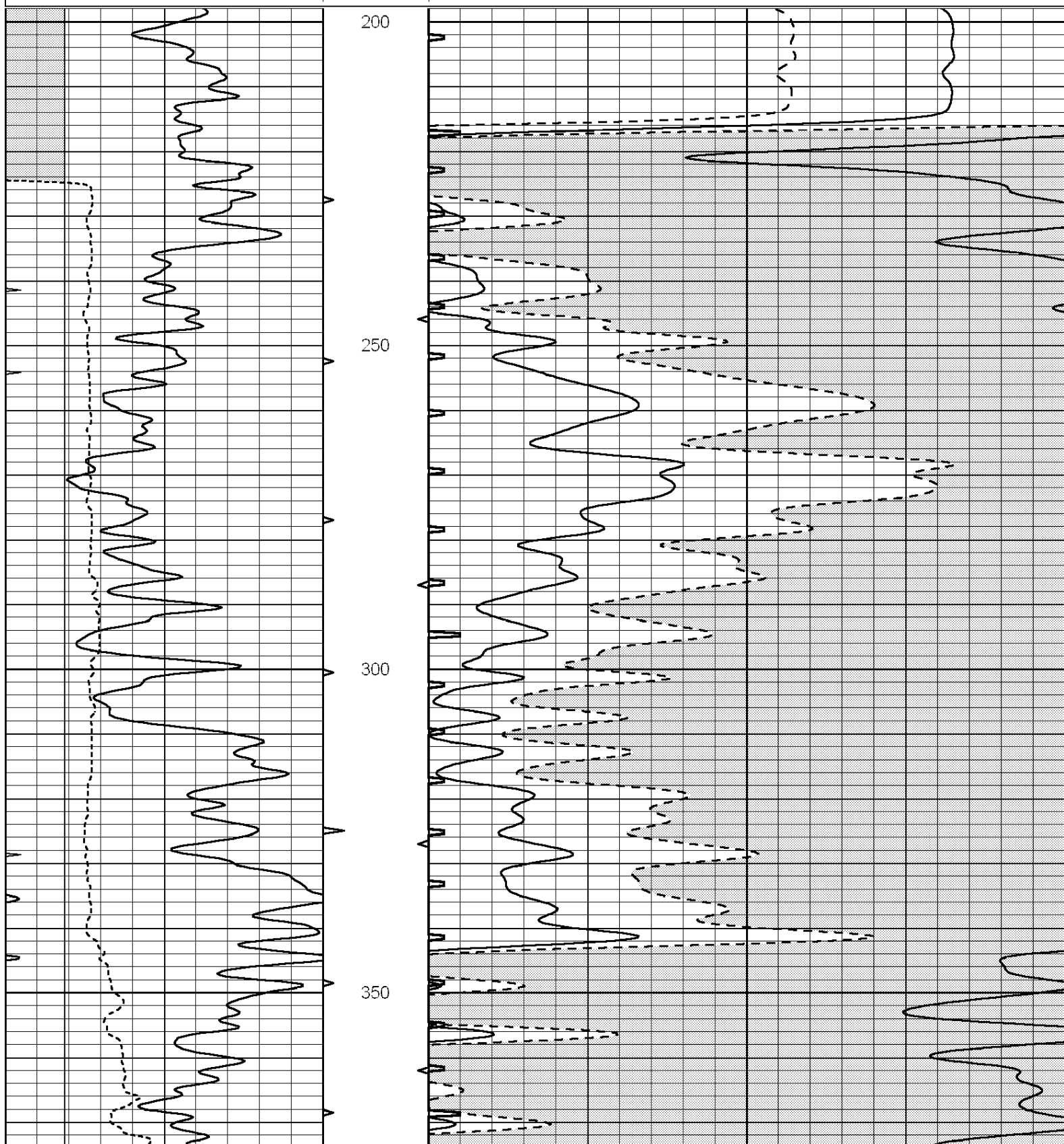


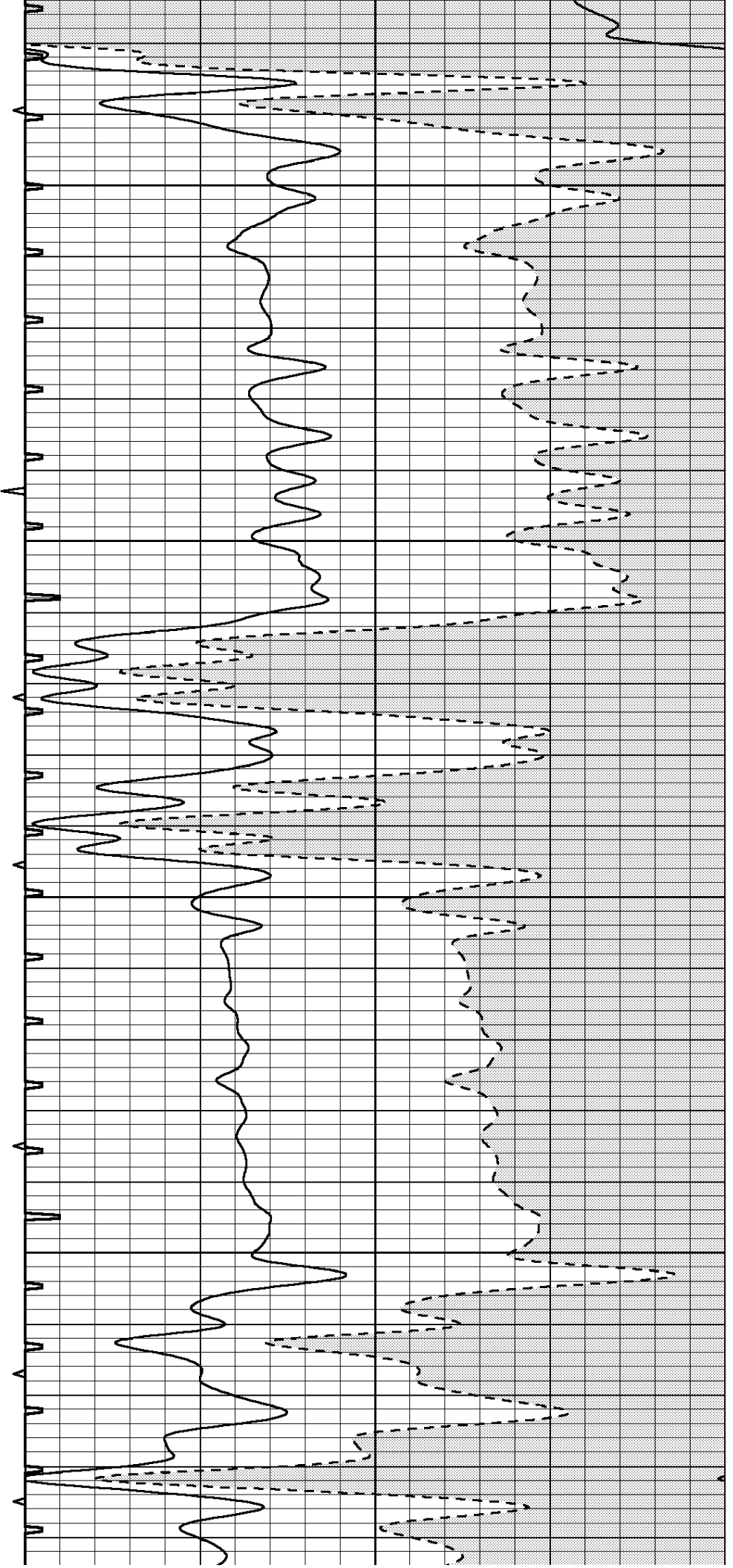
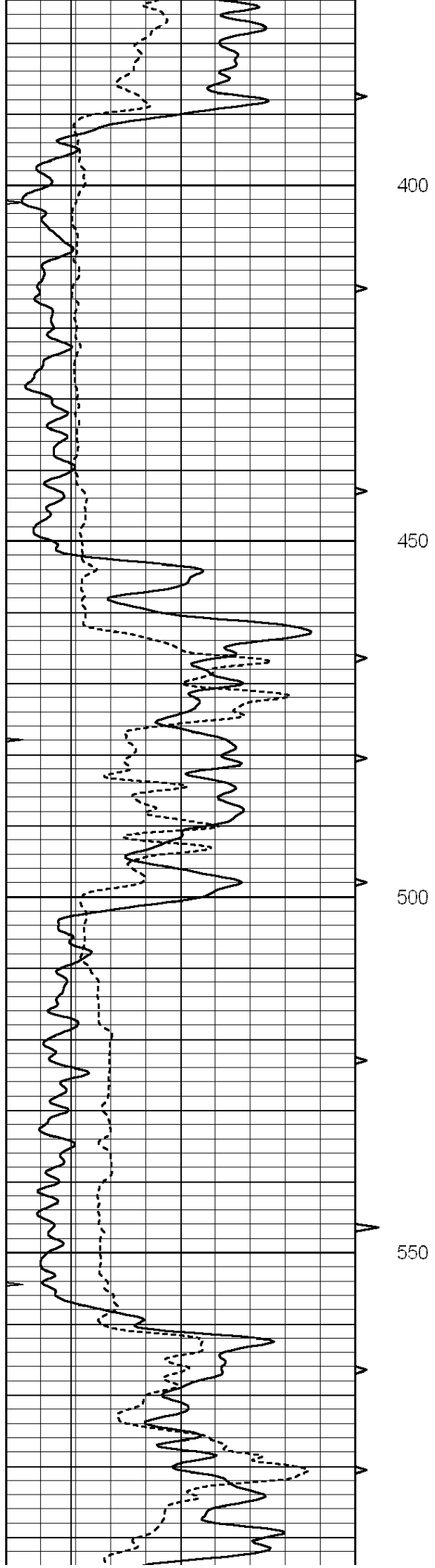
**COMPLETION
& PRODUCTION**

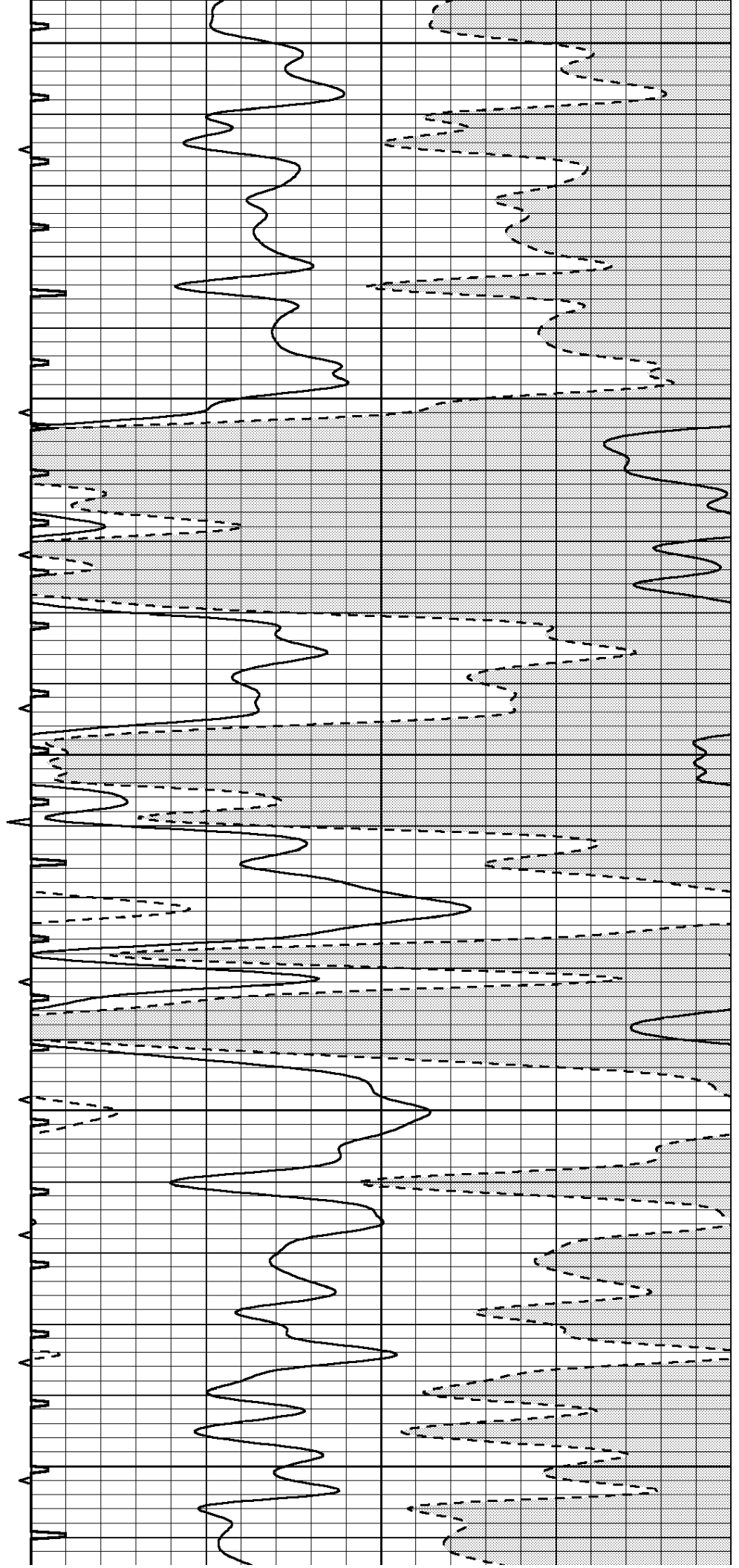
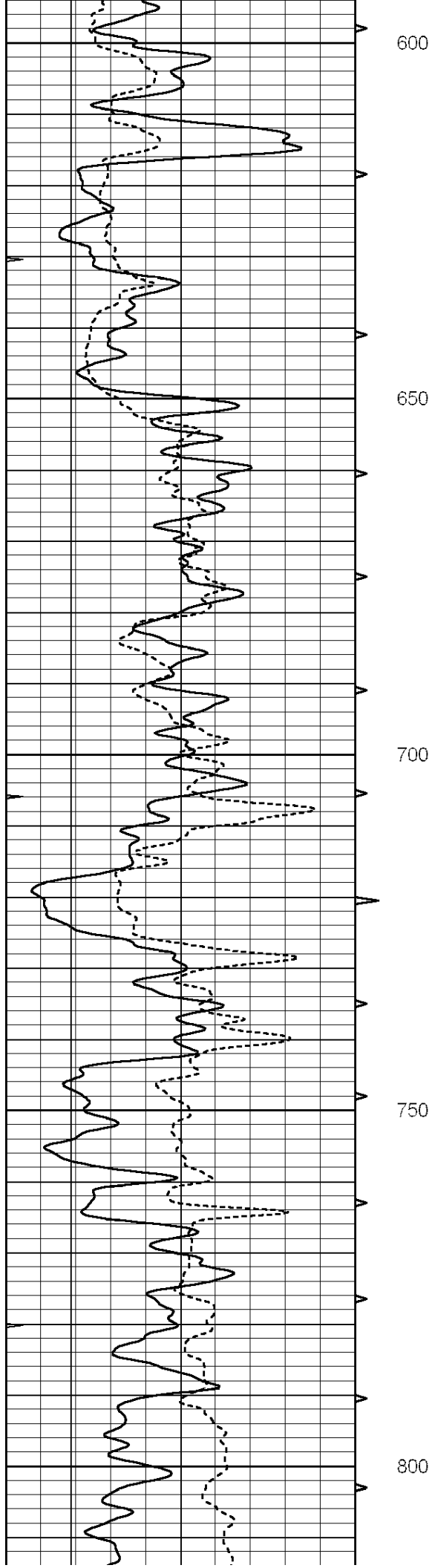
MAIN SECTION

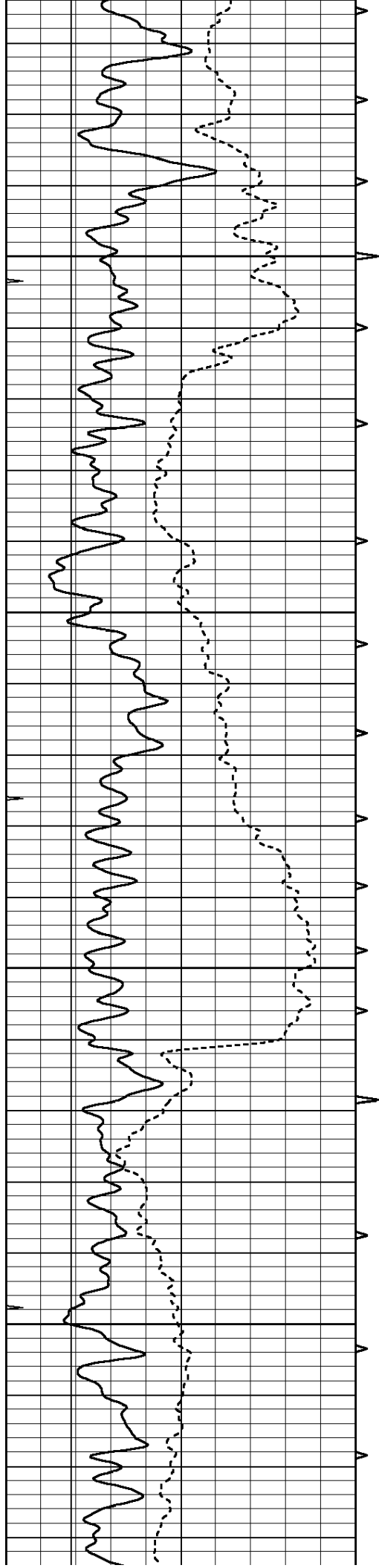
Database File: 010736ddn.db
 Dataset Pathname: pass6.5
 Presentation Format: slt
 Dataset Creation: Mon Apr 08 03:25:48 2013
 Charted by: Depth in Feet scaled 1:240

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			







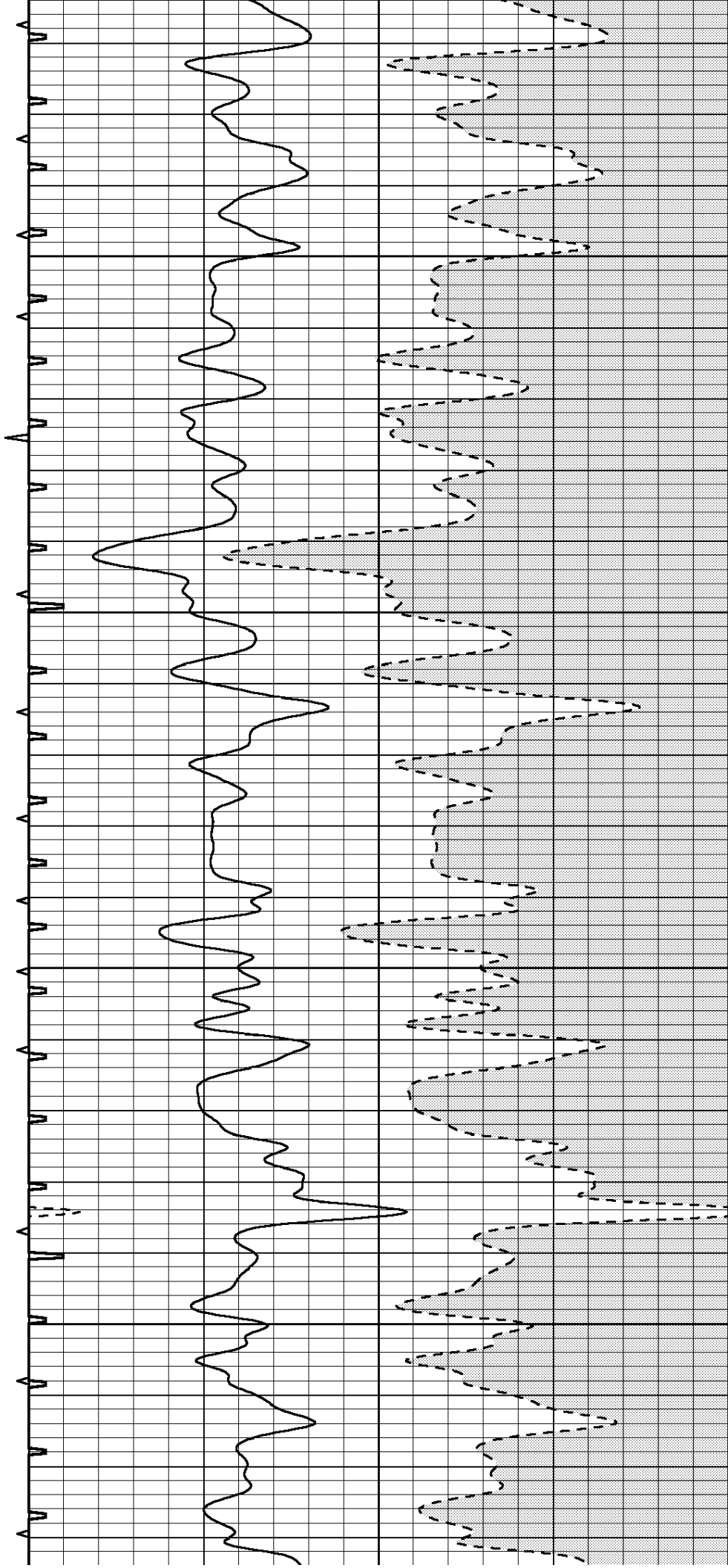


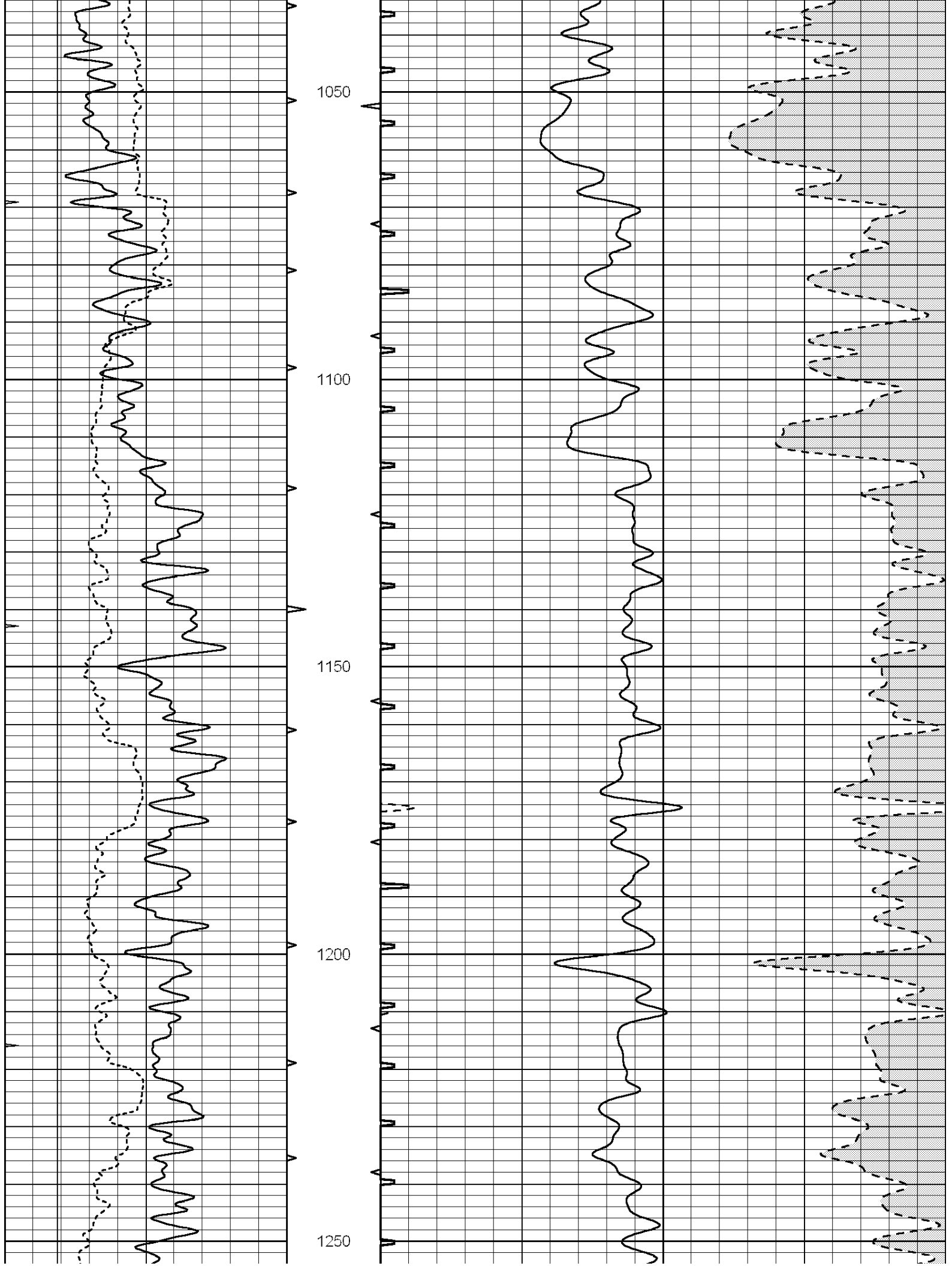
850

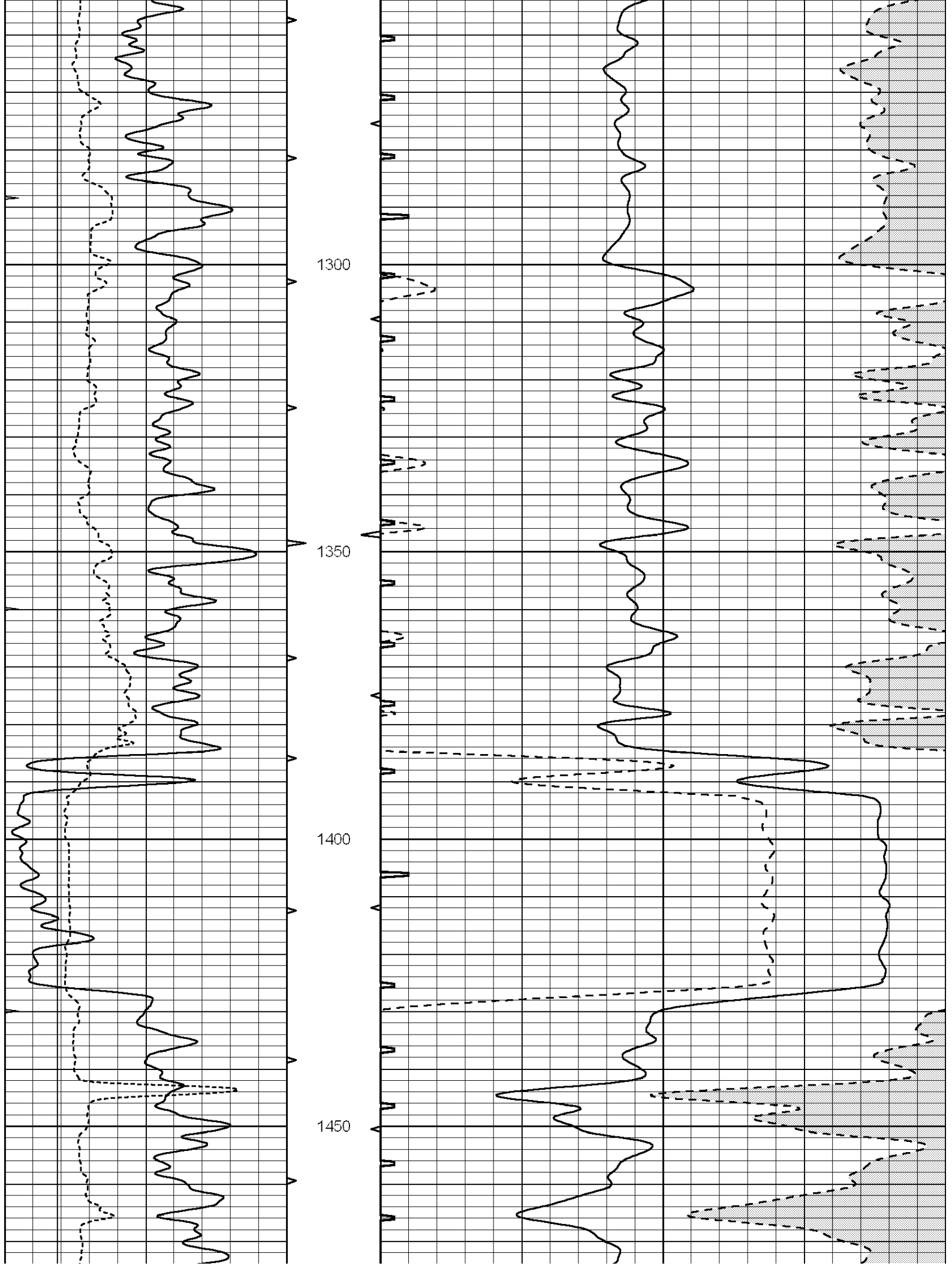
900

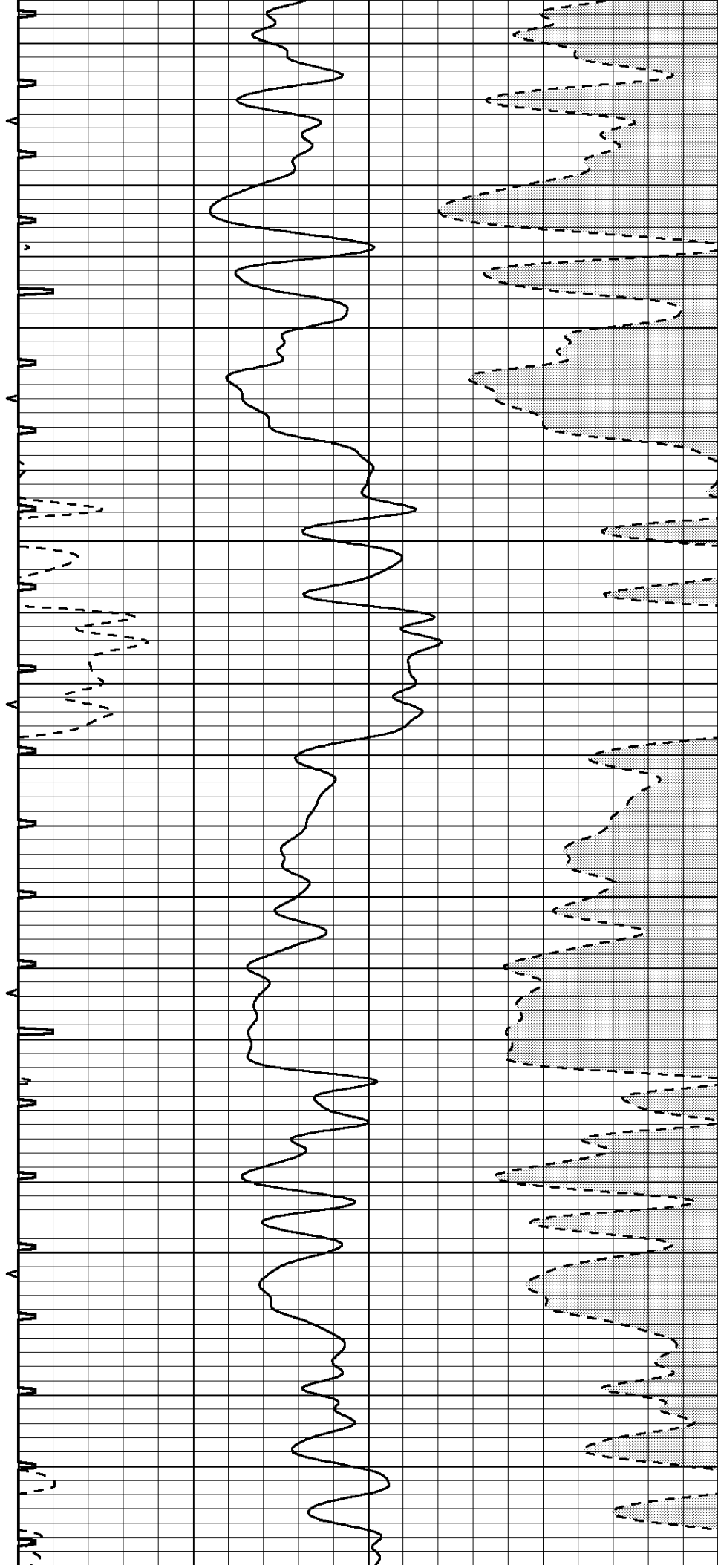
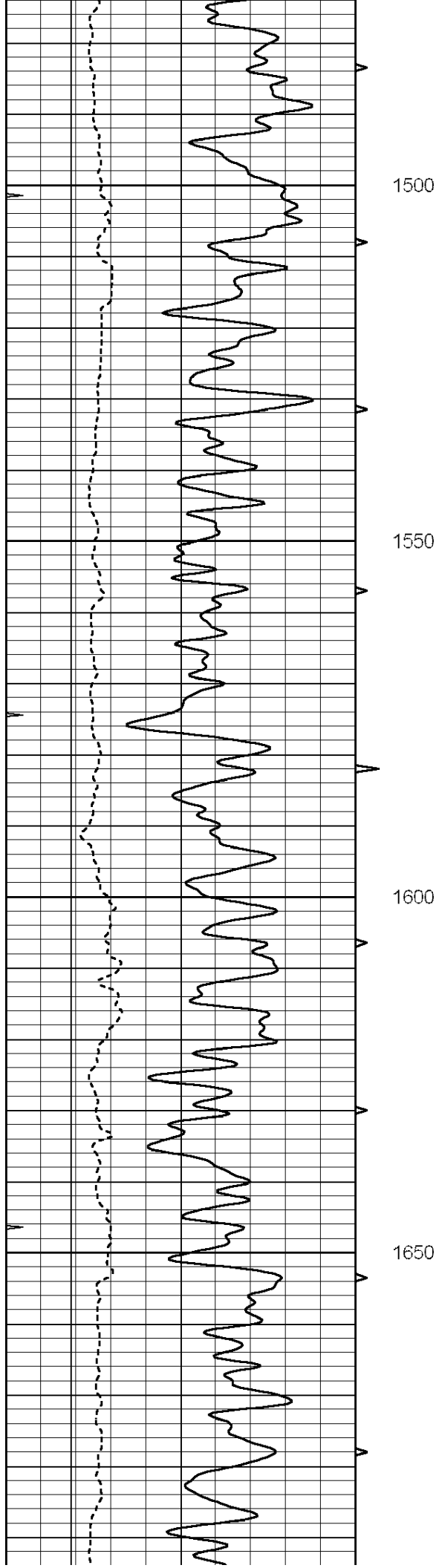
950

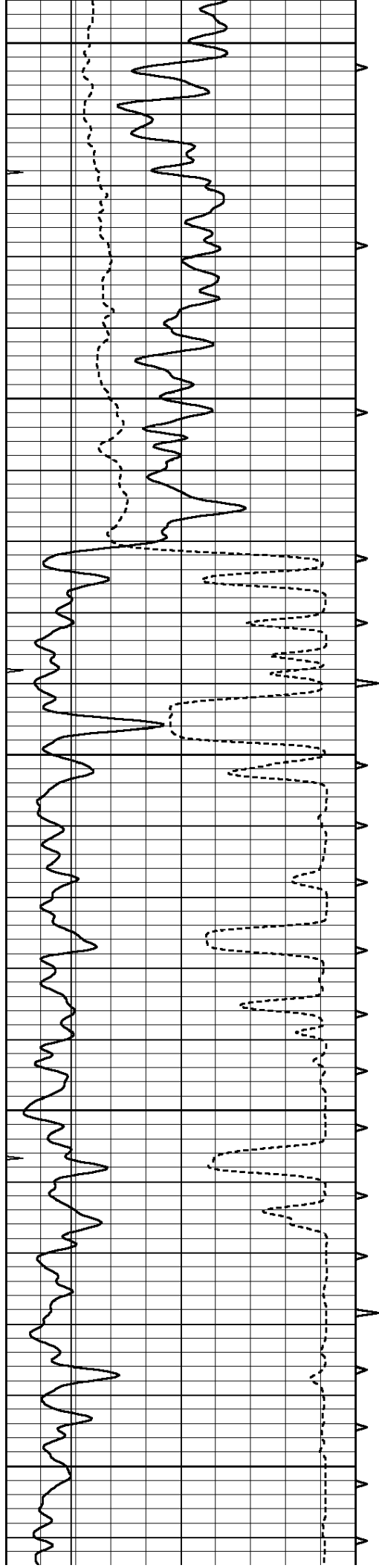
1000











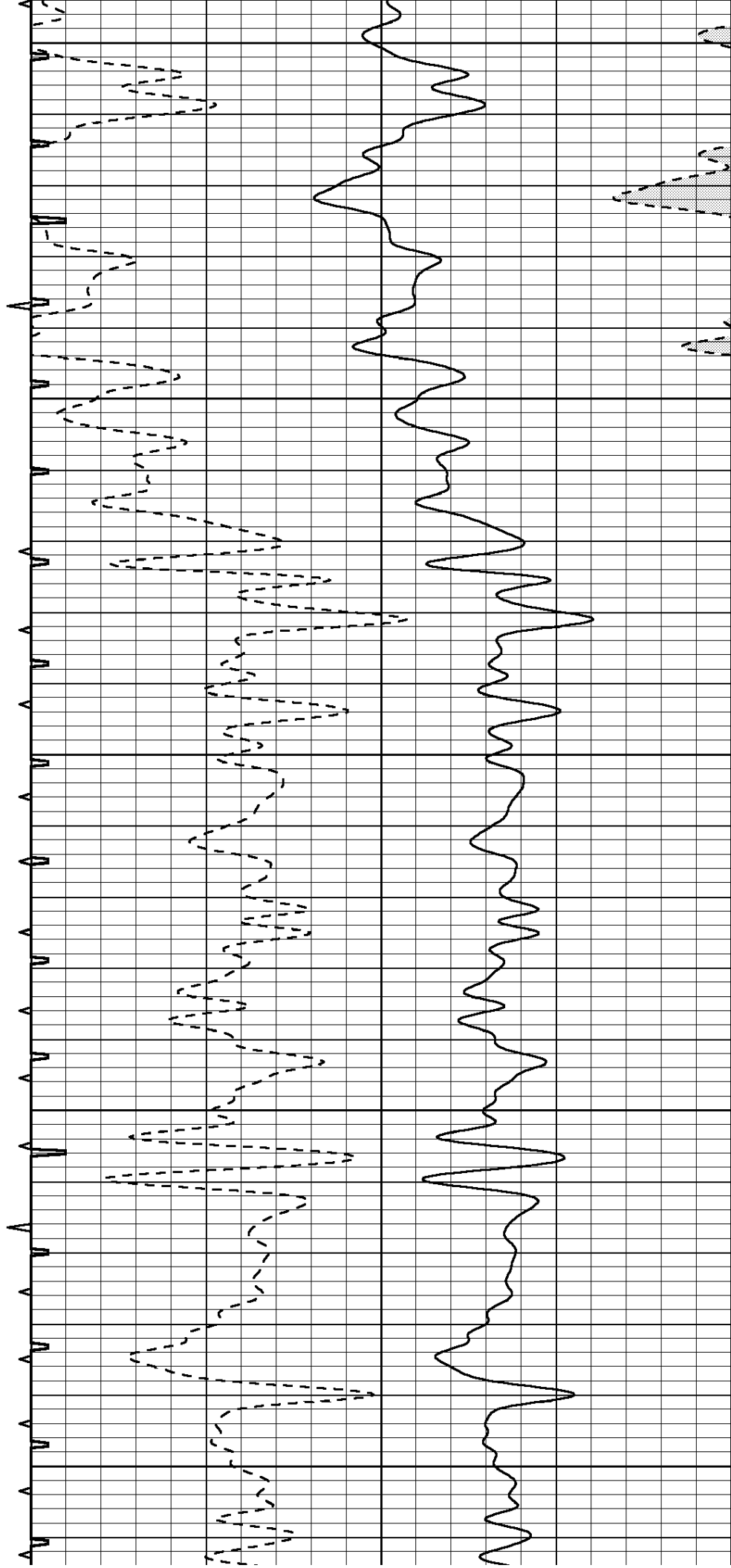
1700

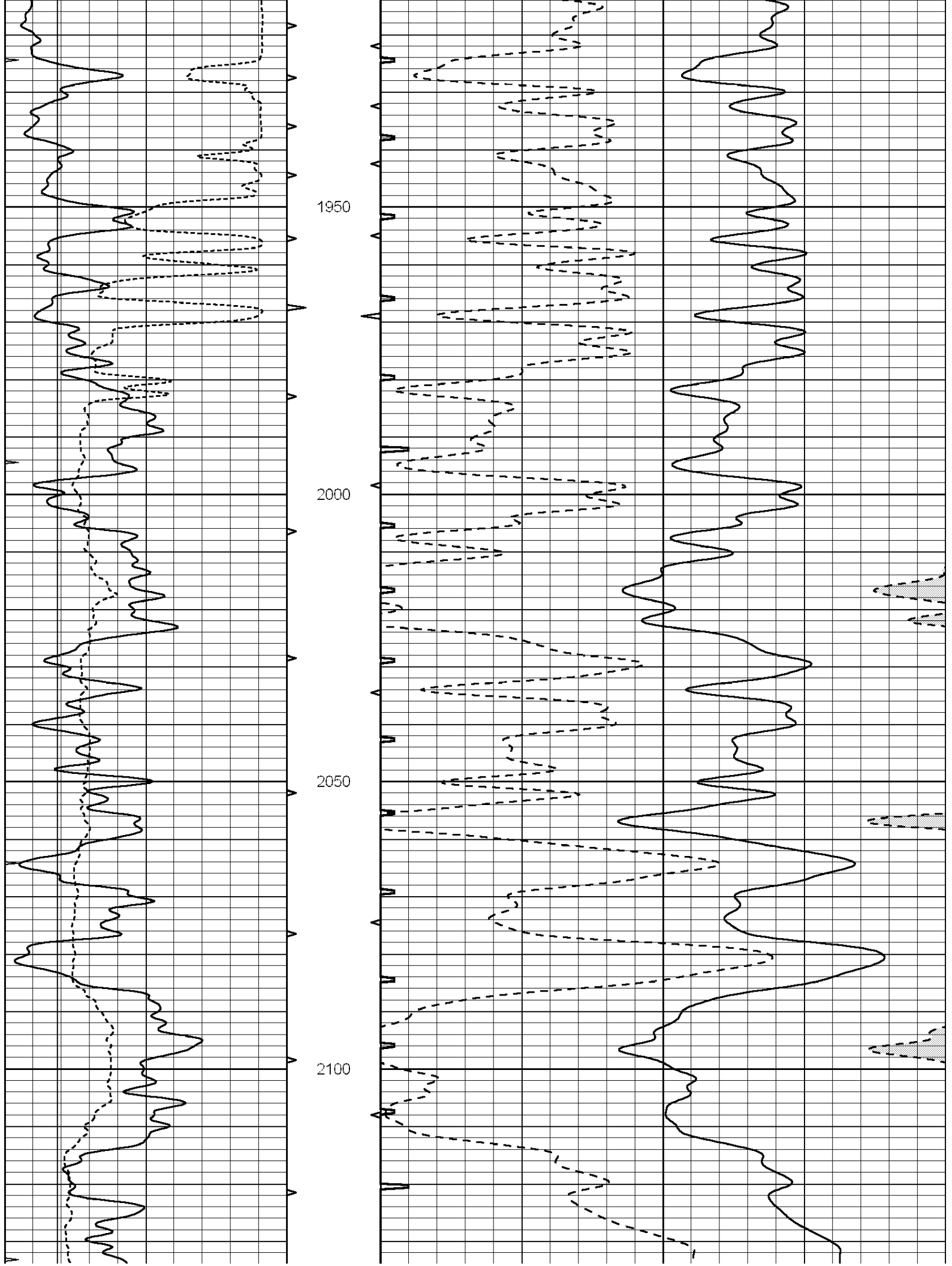
1750

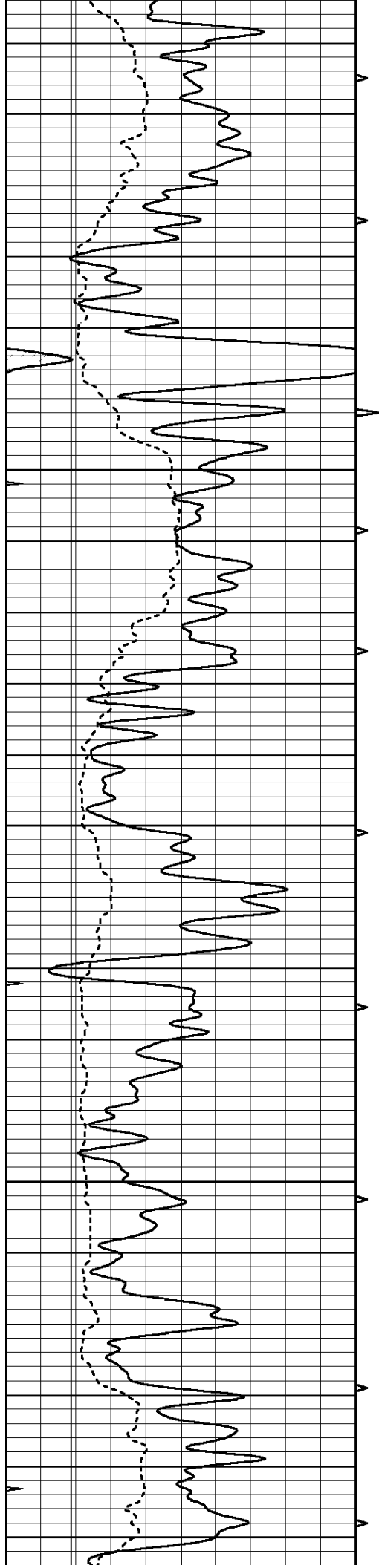
1800

1850

1900







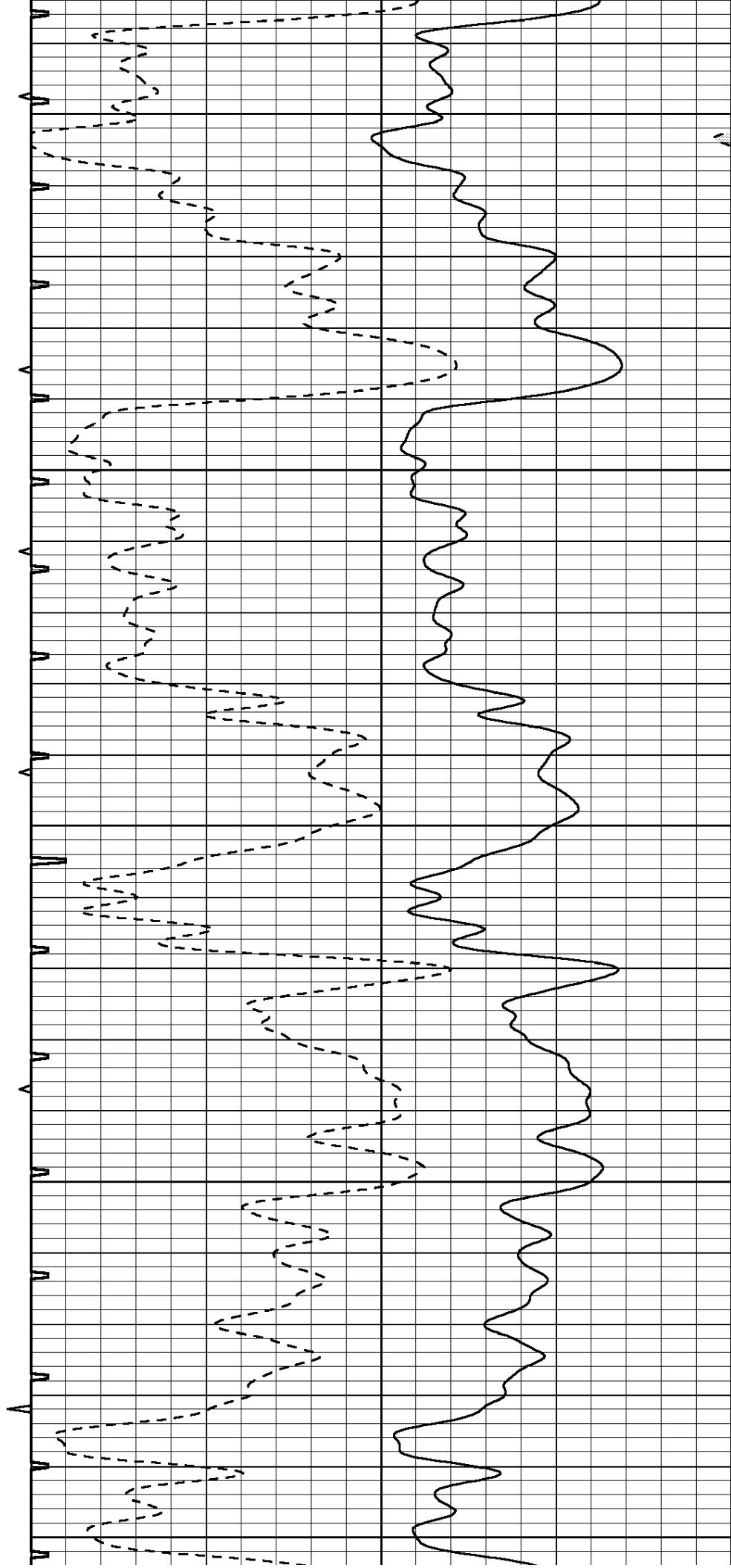
2150

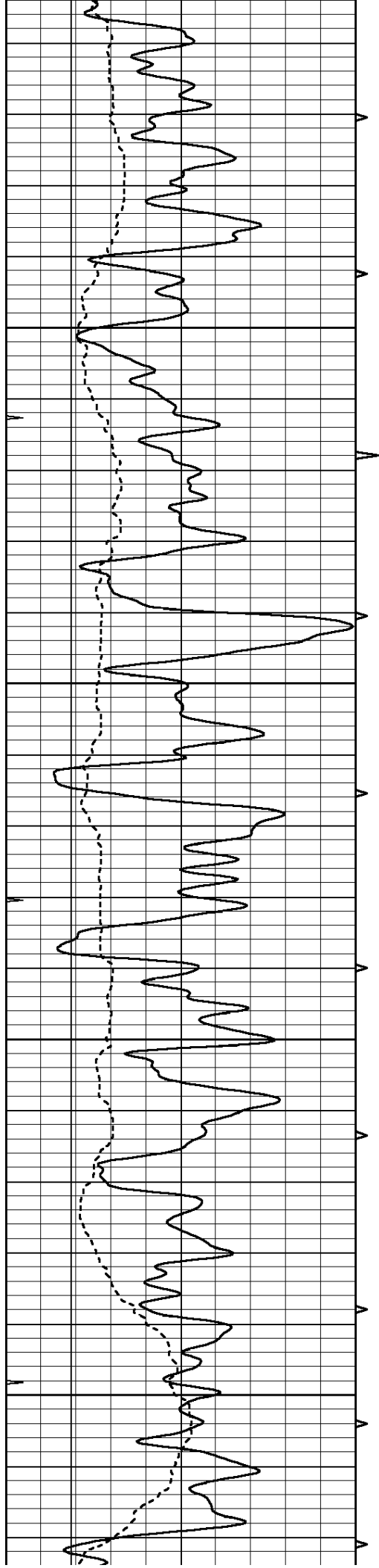
2200

2250

2300

2350



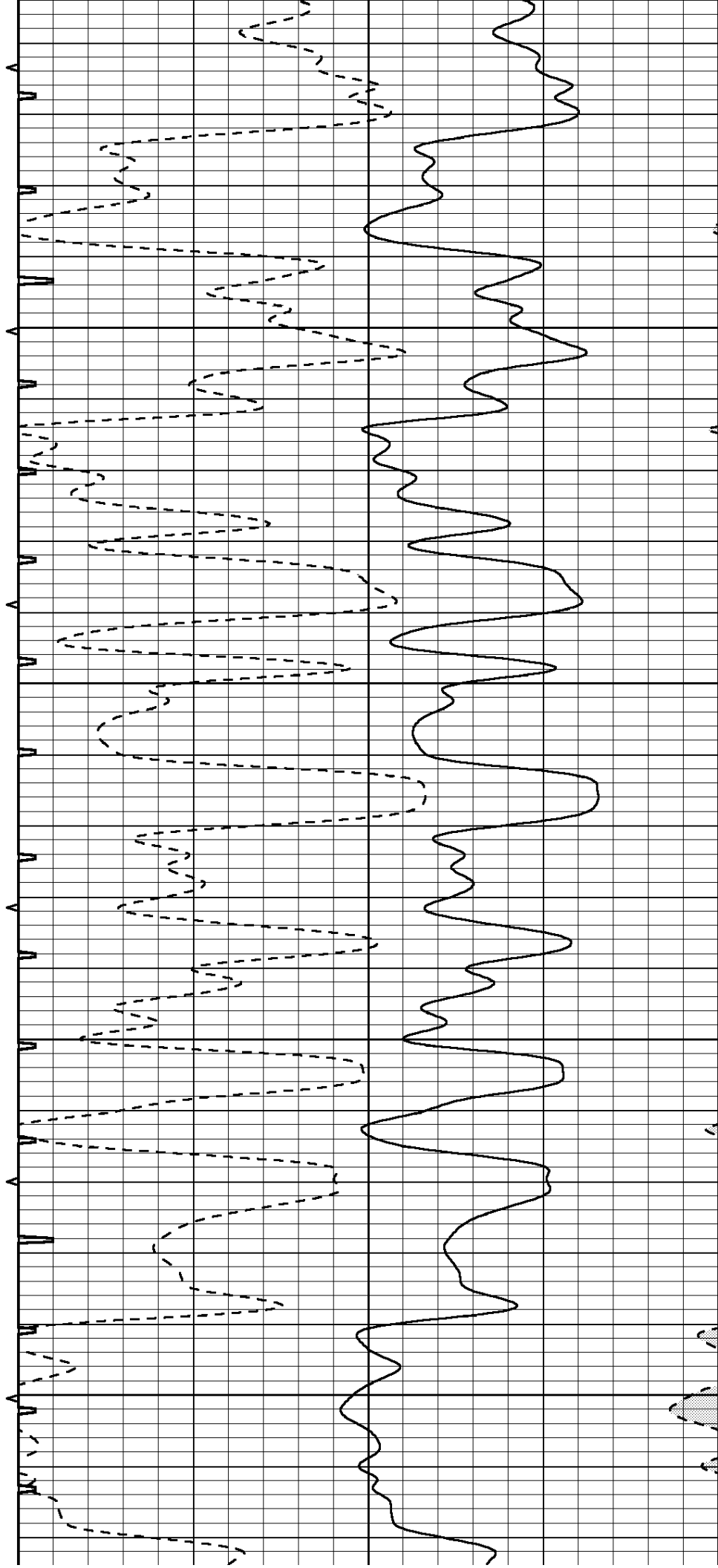


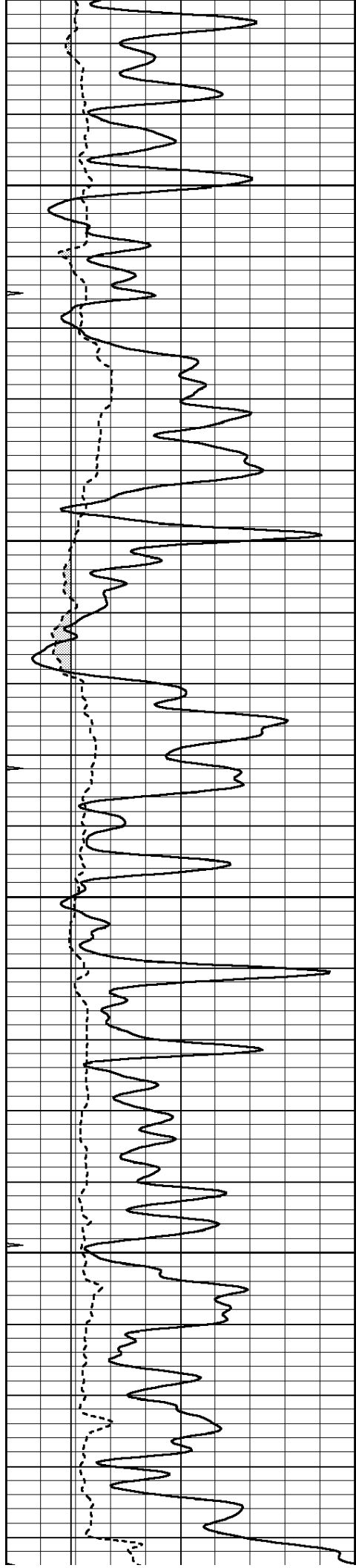
2400

2450

2500

2550



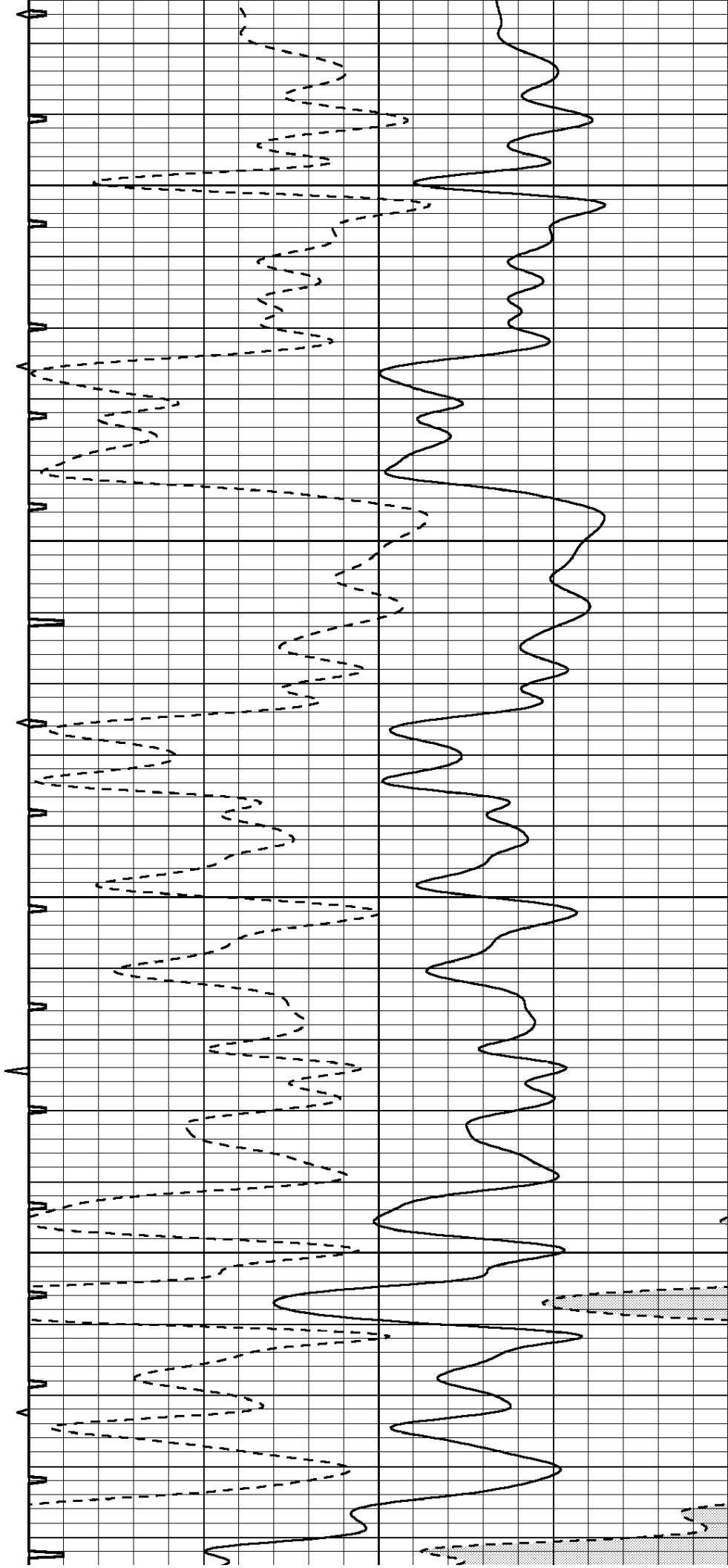


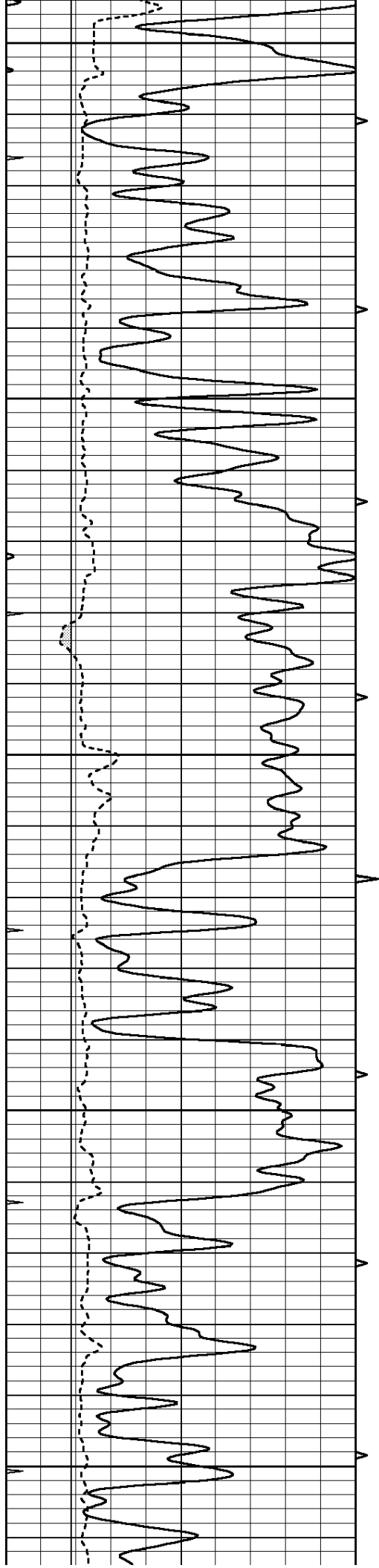
2600

2650

2700

2750





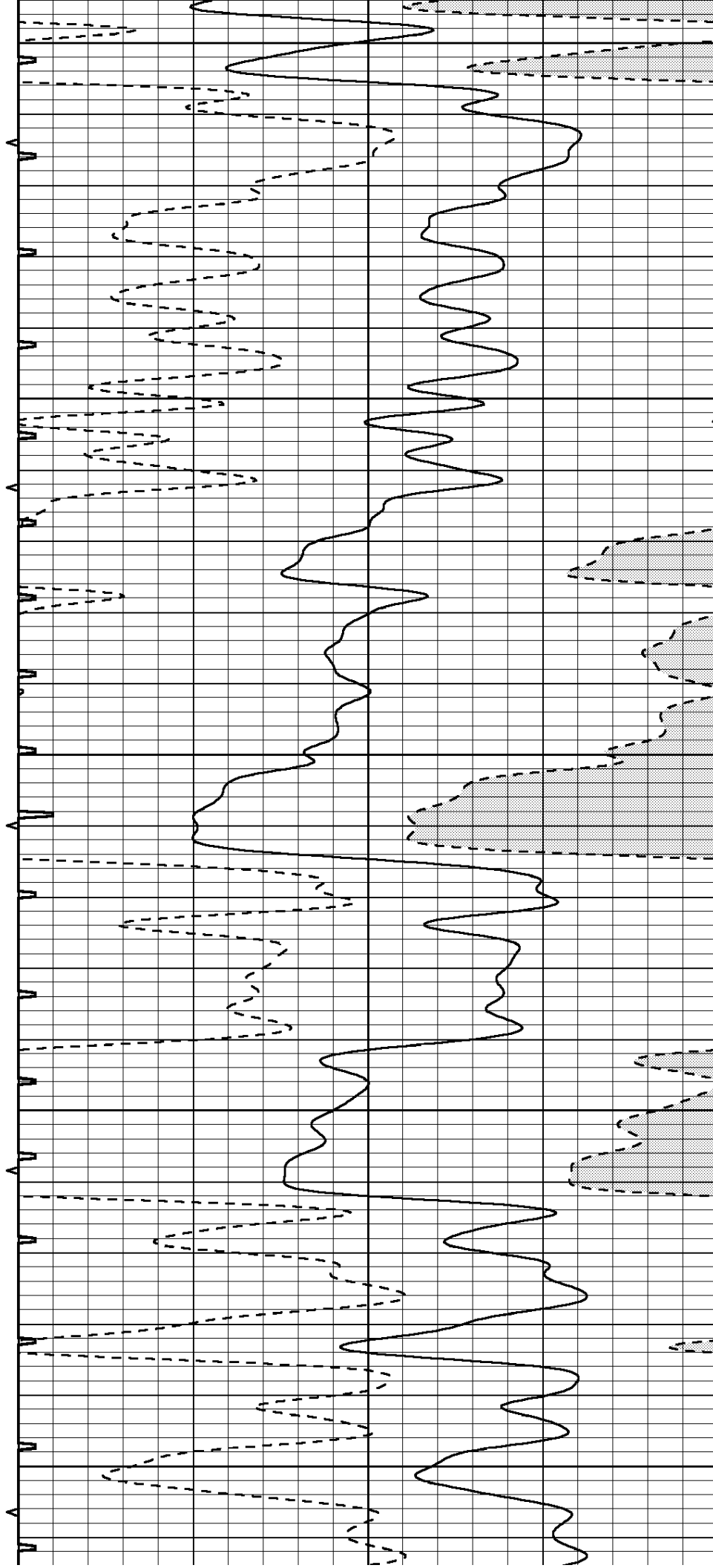
2800

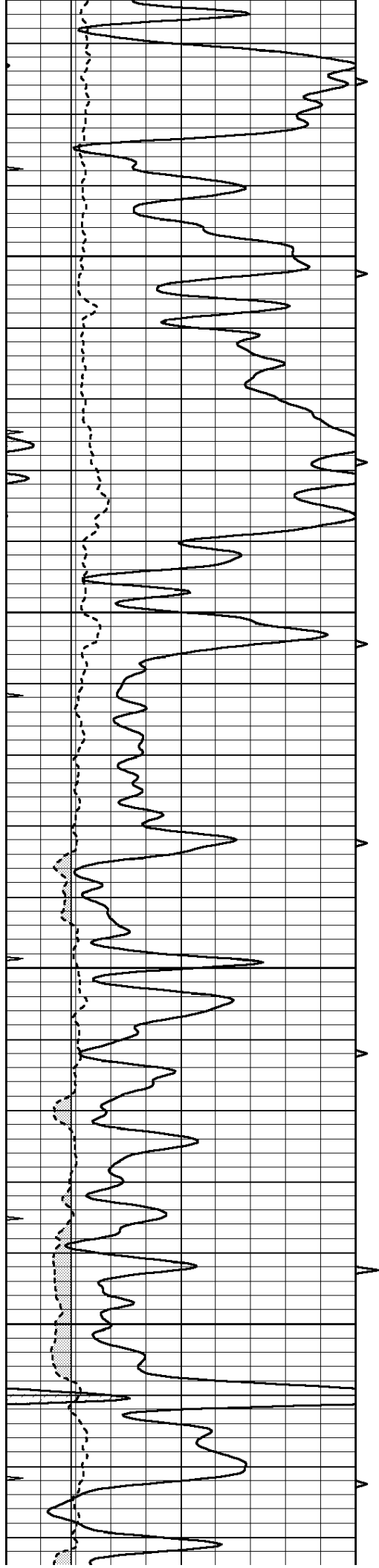
2850

2900

2950

3000



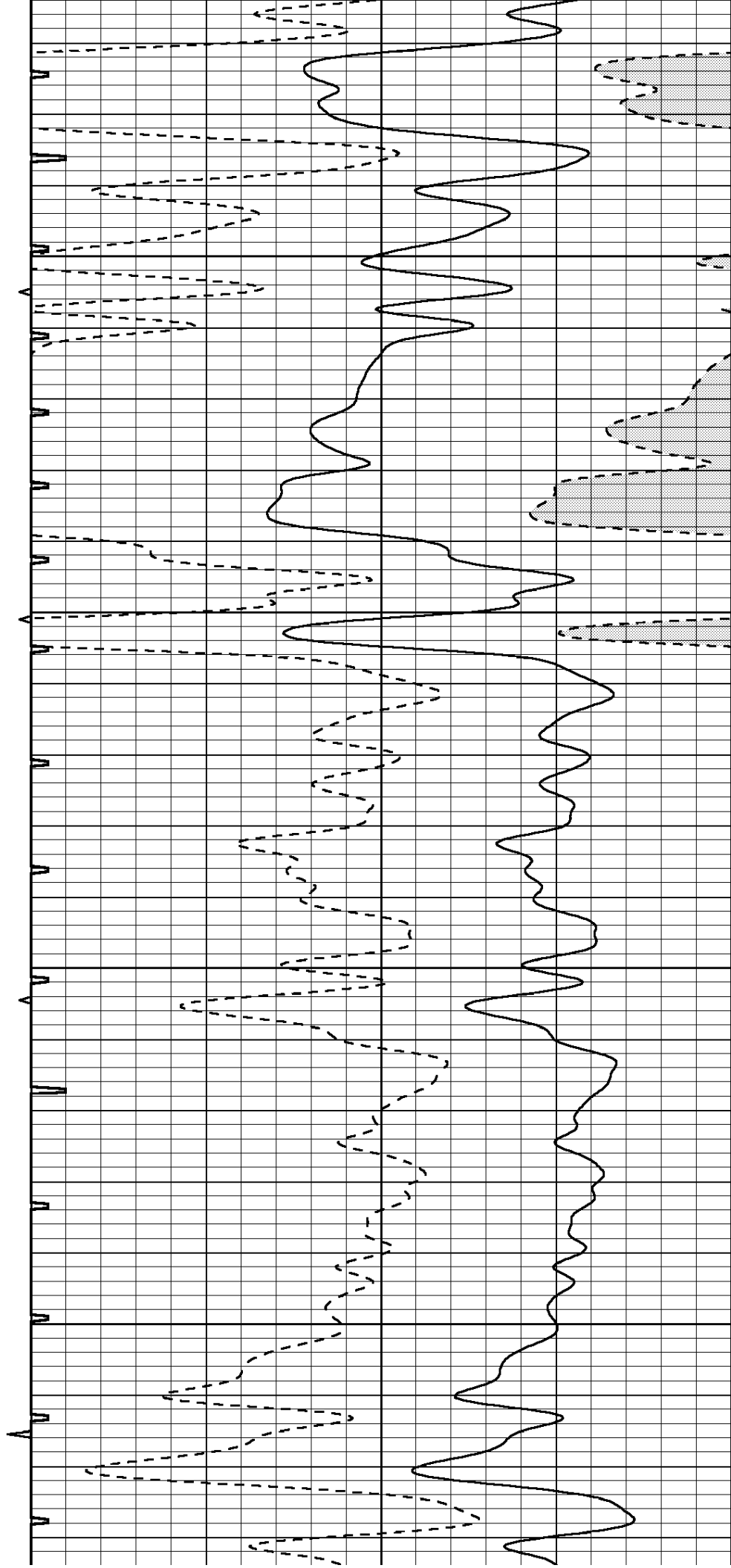


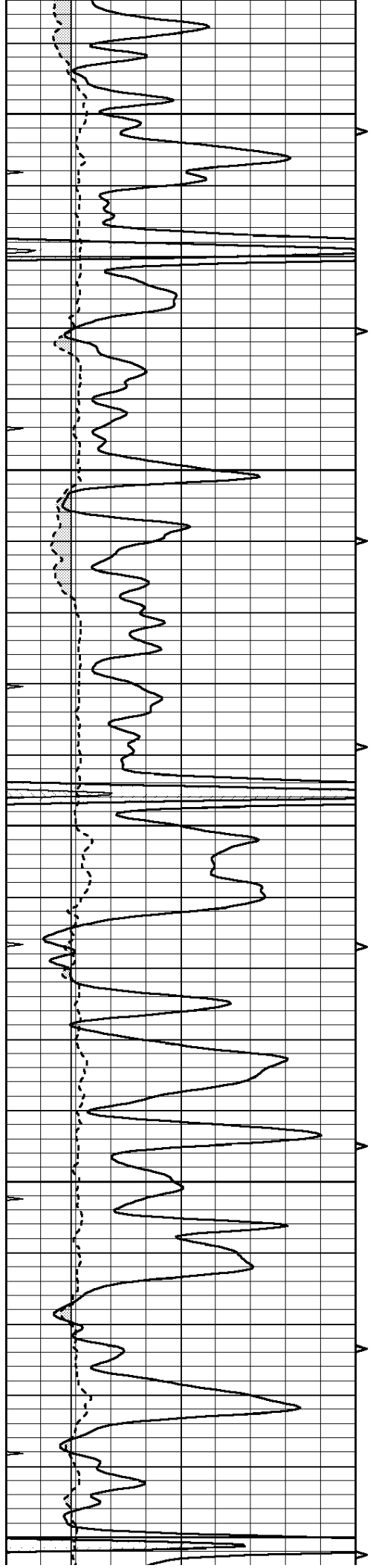
3050

3100

3150

3200





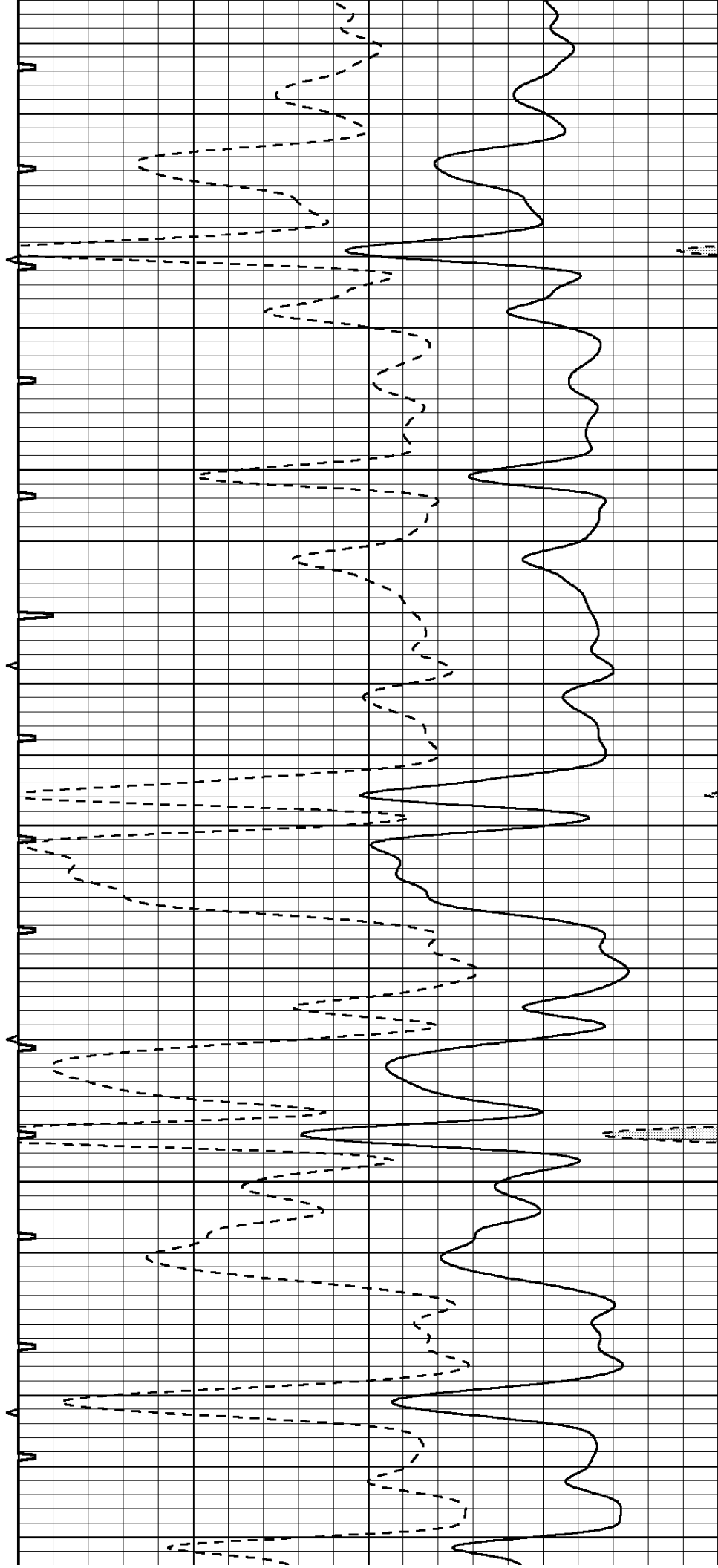
3250

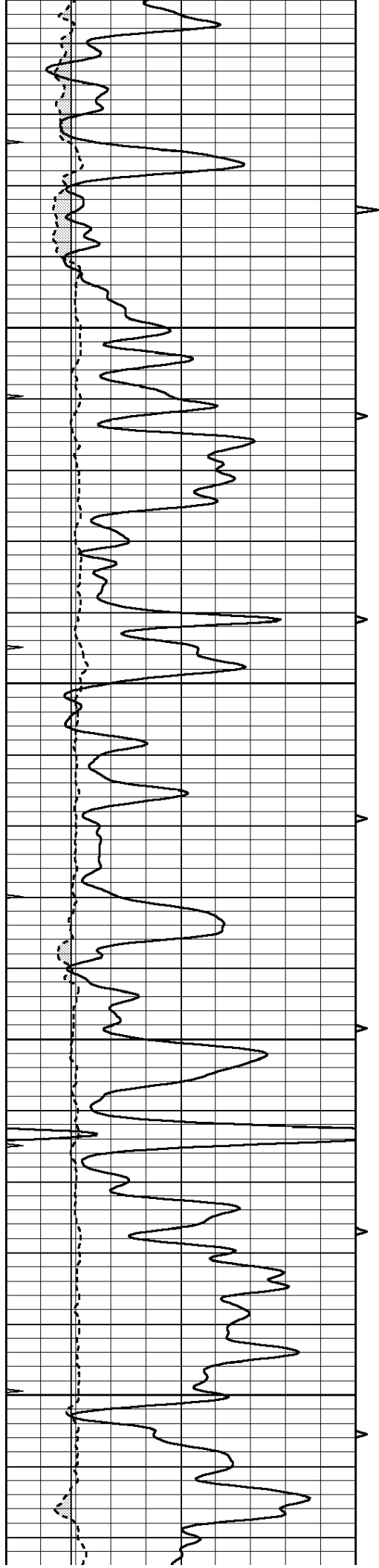
3300

3350

3400

3450



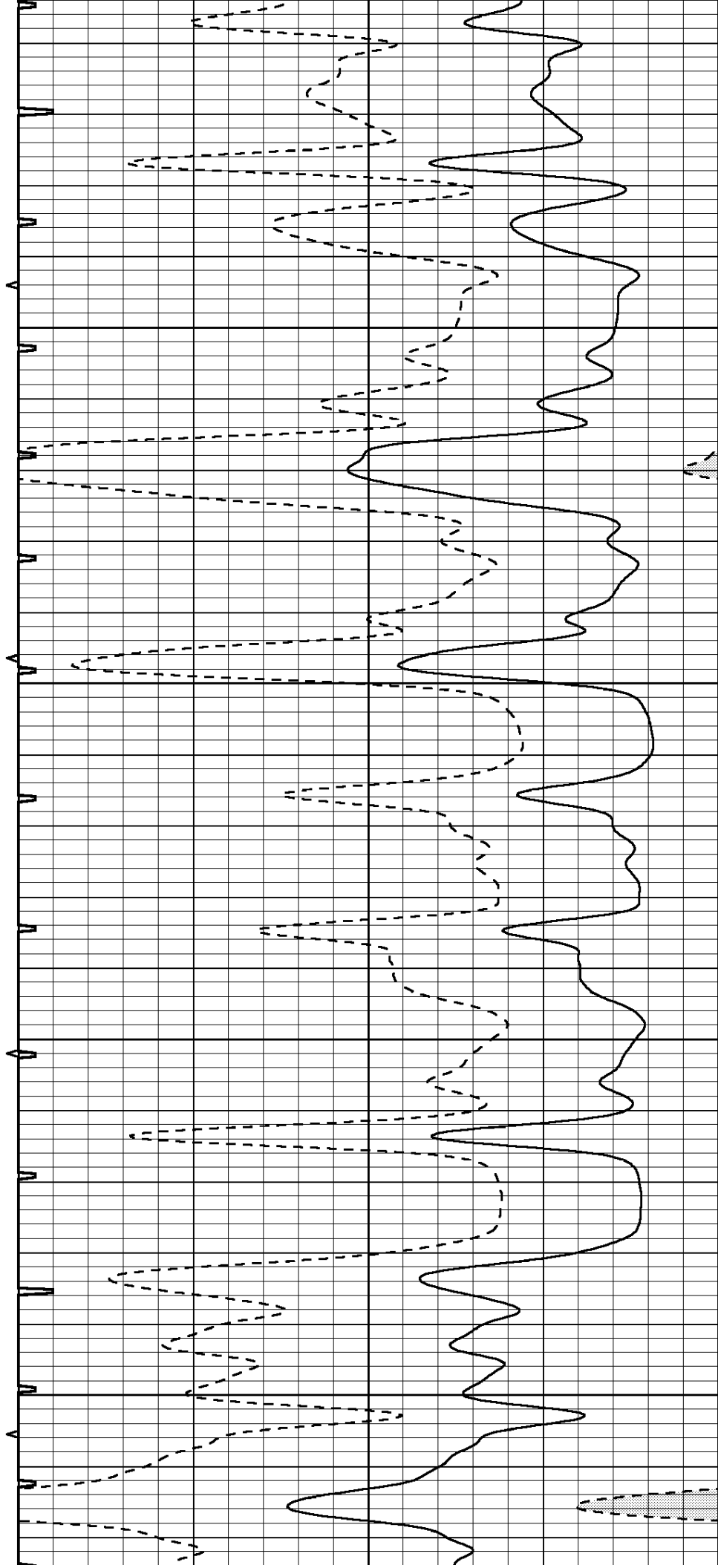


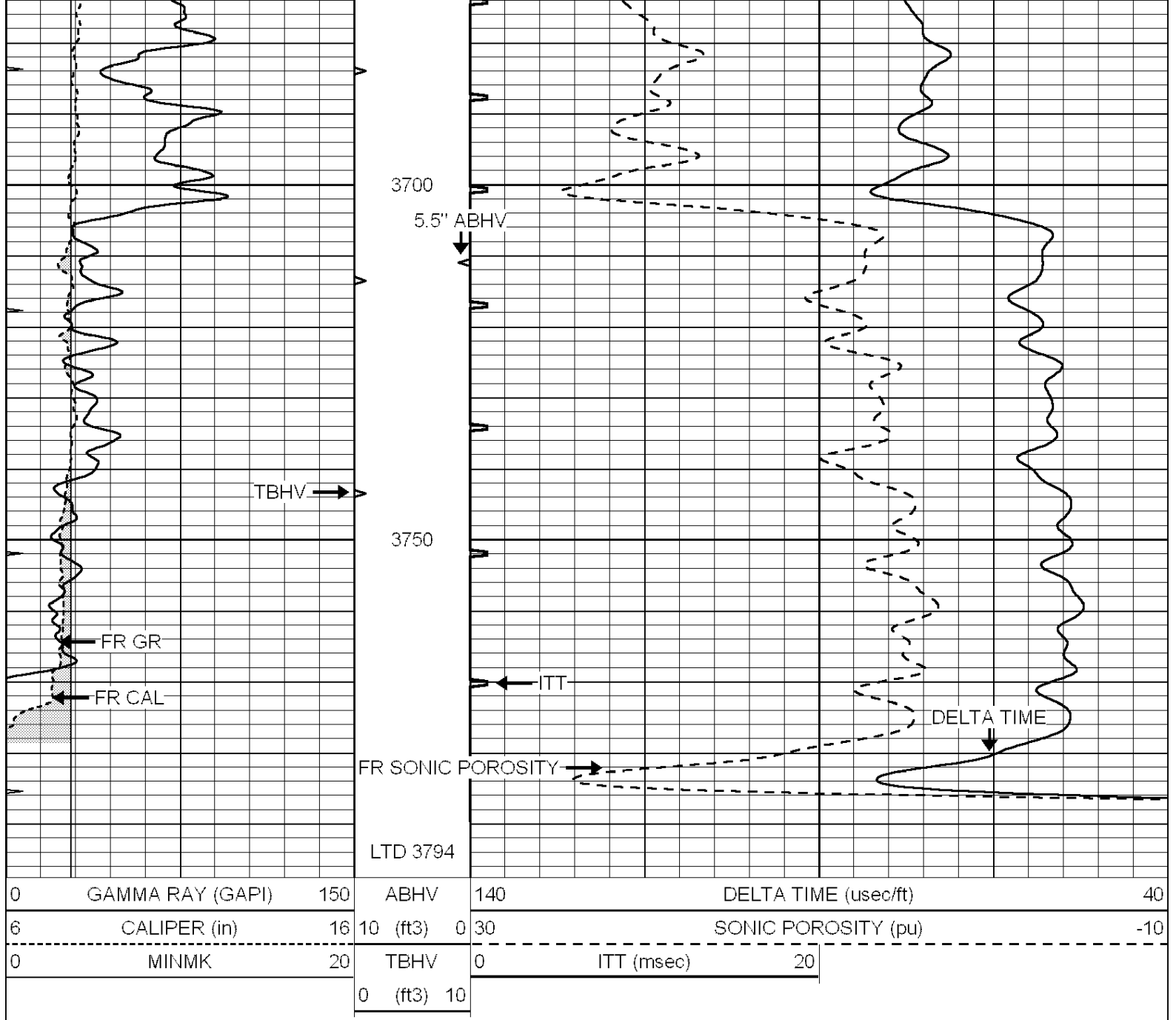
3500

3550

3600

3650

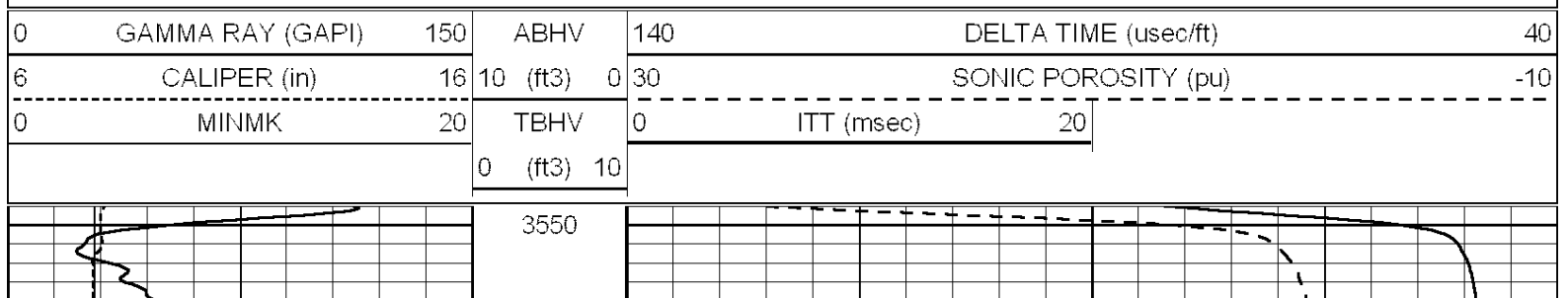


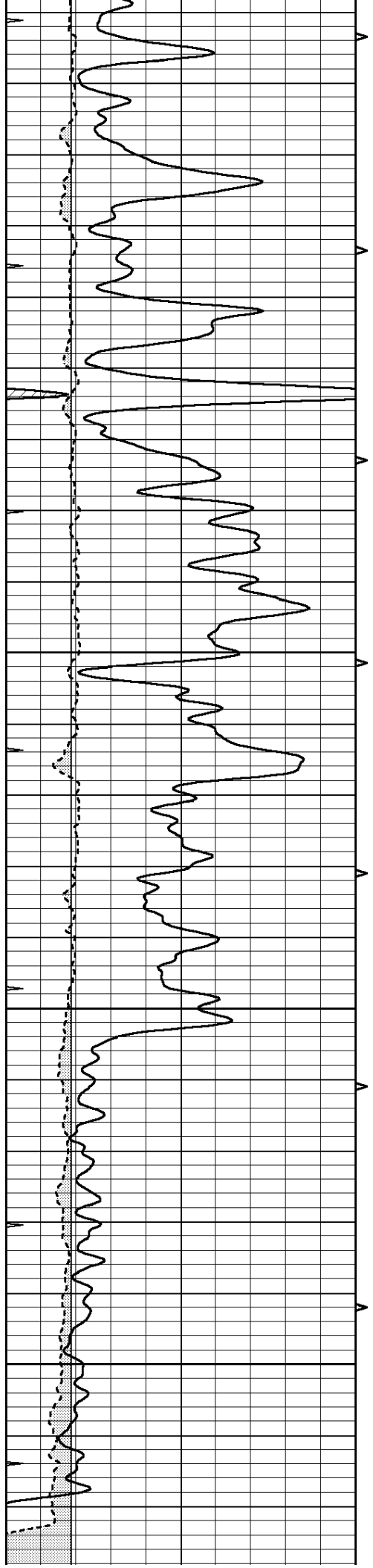


NABORS
COMPLETION
& PRODUCTION
SERVICES CO.

REPEAT SECTION

Database File: 010736ddn.db
Dataset Pathname: pass5.5
Presentation Format: slt
Dataset Creation: Mon Apr 08 03:47:29 2013
Charted by: Depth in Feet scaled 1:240





3600

3650

3700

3750

