



SUPERIOR
Hays,
Kansas

SONIC LOG

Company	Company	Company	Company
Well	Well	Well	Well
Field	Field	Field	Field
County	County	County	County
State	State	State	State
Location:	Location:	Location:	Location:
Permanent Datum	Permanent Datum	Permanent Datum	Permanent Datum
Log Measured From	Log Measured From	Log Measured From	Log Measured From
Drilling Measured From	Drilling Measured From	Drilling Measured From	Drilling Measured From
SEC 16	TWP 11S	RGE 21W	Elevation
GROUND LEVEL	Elevation	2203	CDL/CNL
KELLY BUSHING 8' A.G.L.			DIL/MEL/FRAQ
KELLY BUSHING			
12/14/11			
Run Number	Run Number	Run Number	Run Number
Depth Driller	Depth Driller	Depth Driller	Depth Driller
Depth Logger	Depth Logger	Depth Logger	Depth Logger
Bottom Logged Interval	Bottom Logged Interval	Bottom Logged Interval	Bottom Logged Interval
Top Log Interval	Top Log Interval	Top Log Interval	Top Log Interval
Casing Driller	Casing Driller	Casing Driller	Casing Driller
Casing Logger	Casing Logger	Casing Logger	Casing Logger
Bit Size	Bit Size	Bit Size	Bit Size
Type Fluid in Hole	Type Fluid in Hole	Type Fluid in Hole	Type Fluid in Hole
Density / Viscosity	Density / Viscosity	Density / Viscosity	Density / Viscosity
pH / Fluid Loss	pH / Fluid Loss	pH / Fluid Loss	pH / Fluid Loss
Source of Sample	Source of Sample	Source of Sample	Source of Sample
Rim @ Meas. Temp	Rim @ Meas. Temp	Rim @ Meas. Temp	Rim @ Meas. Temp
Rmf @ Meas. Temp	Rmf @ Meas. Temp	Rmf @ Meas. Temp	Rmf @ Meas. Temp
Rmc @ Meas. Temp	Rmc @ Meas. Temp	Rmc @ Meas. Temp	Rmc @ Meas. Temp
Source of Rmf / Rmc	Source of Rmf / Rmc	Source of Rmf / Rmc	Source of Rmf / Rmc
Rim @ BHT	Rim @ BHT	Rim @ BHT	Rim @ BHT
Time Circulation Stopped	Time Circulation Stopped	Time Circulation Stopped	Time Circulation Stopped
Time Logger on Bottom	Time Logger on Bottom	Time Logger on Bottom	Time Logger on Bottom
Maximum Recorded Temperature	Maximum Recorded Temperature	Maximum Recorded Temperature	Maximum Recorded Temperature
Equipment Number	Equipment Number	Equipment Number	Equipment Number
Location	Location	Location	Location
Recorded By	Recorded By	Recorded By	Recorded By
Witnessed By	Witnessed By	Witnessed By	Witnessed By

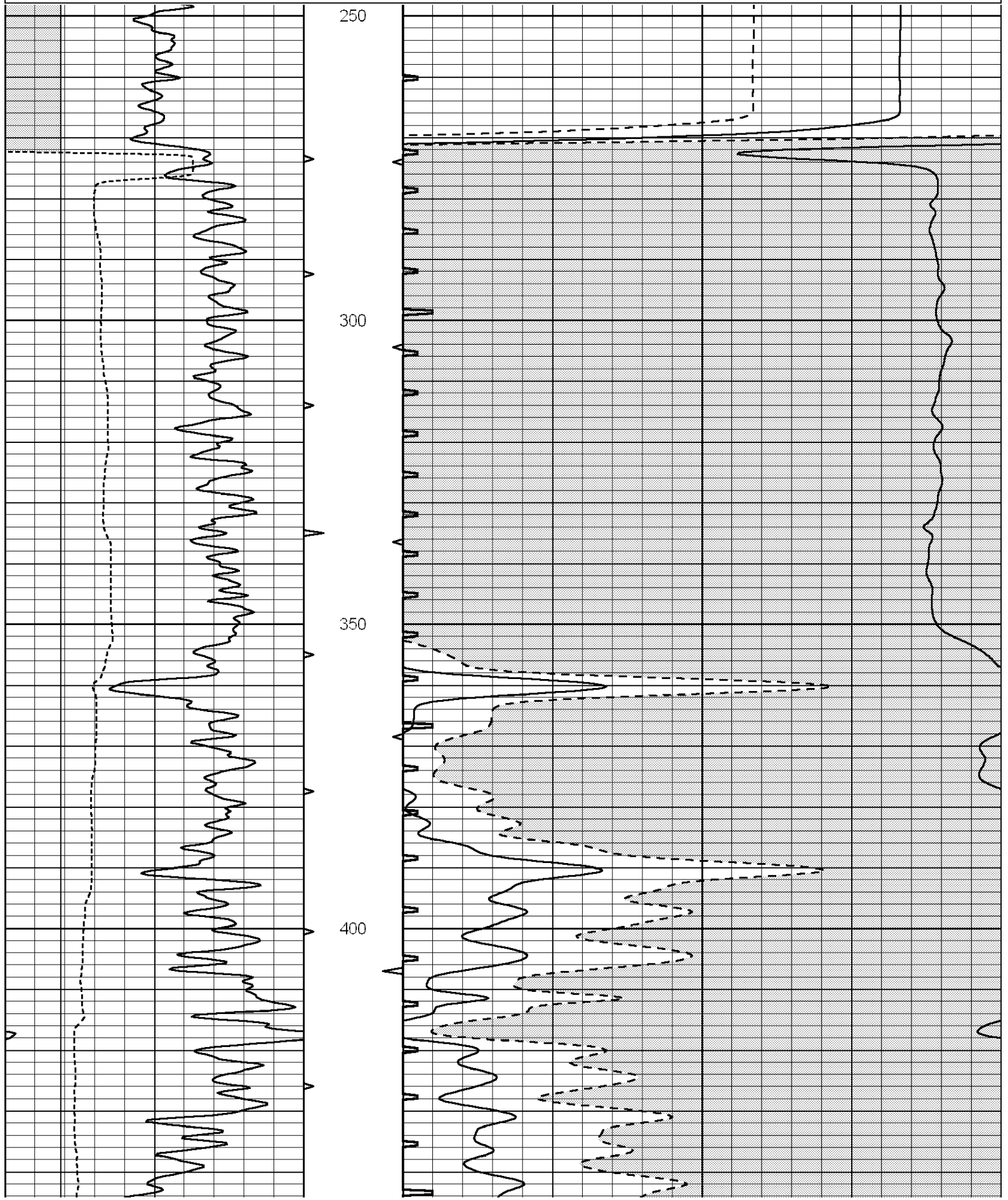
<<< Fold Here >>>

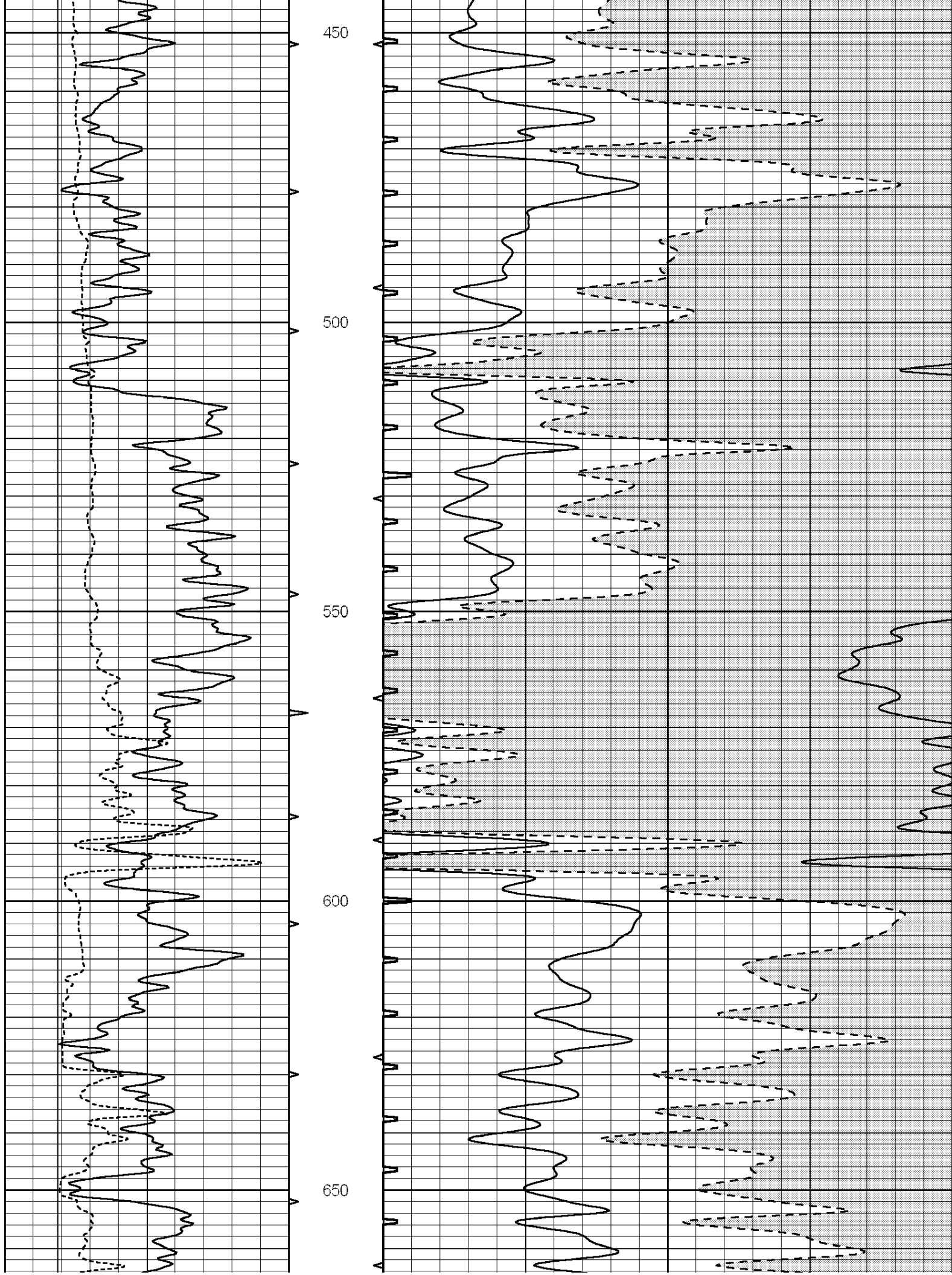
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

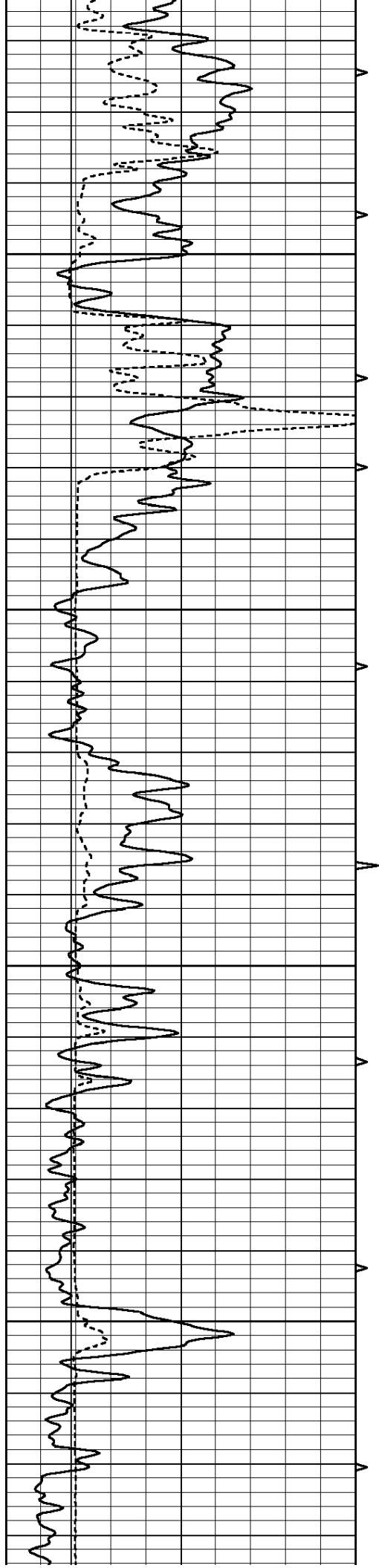
Comments

THANK YOU FOR USING SUPERIOR WELL SERVICE (785) 628-6395
DIRECTIONS
I-70 AND RIGA RD - 8 1/2 MILES NORTH - WEST INTO

Charted by:		Depth (m) not scaled 1:2.15				
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			





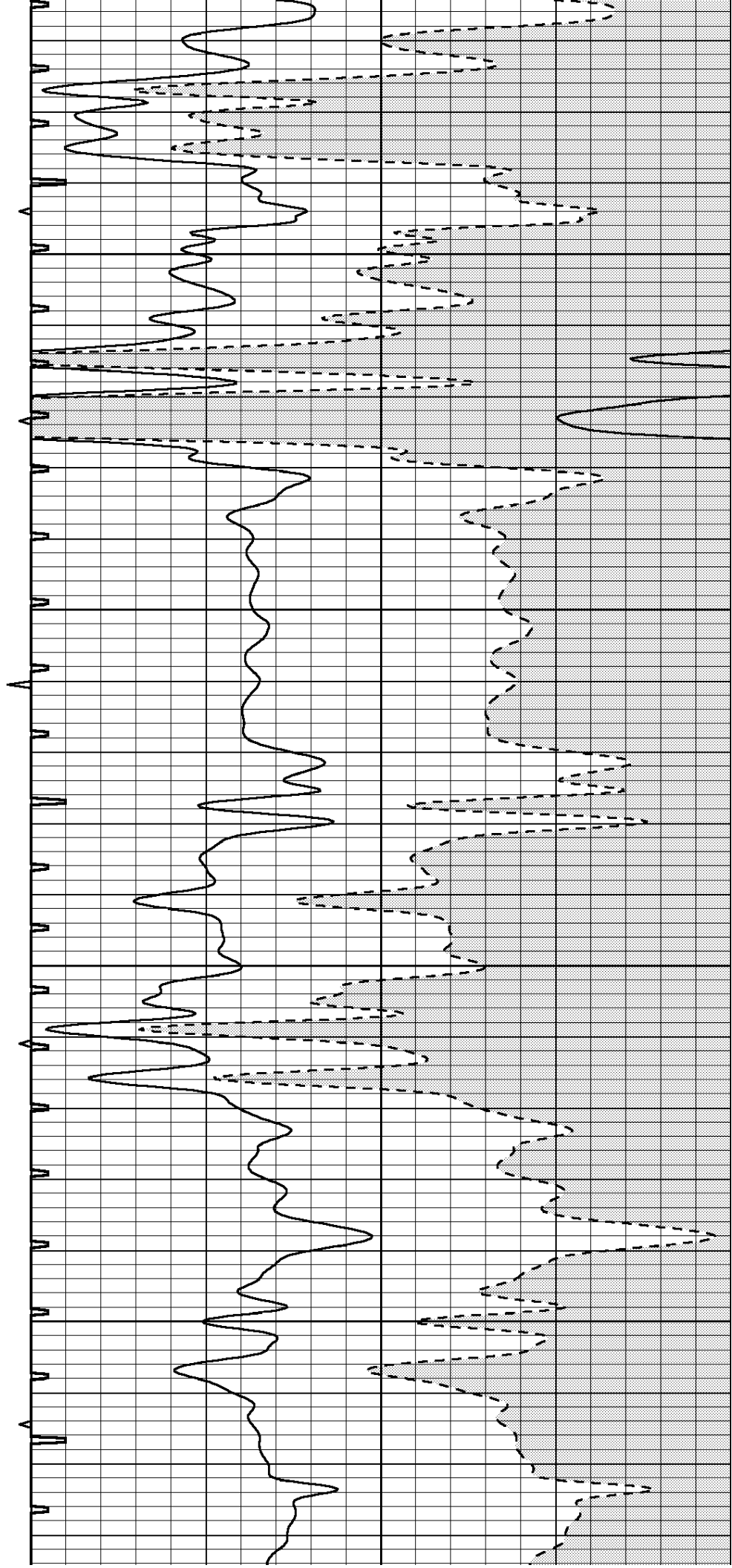


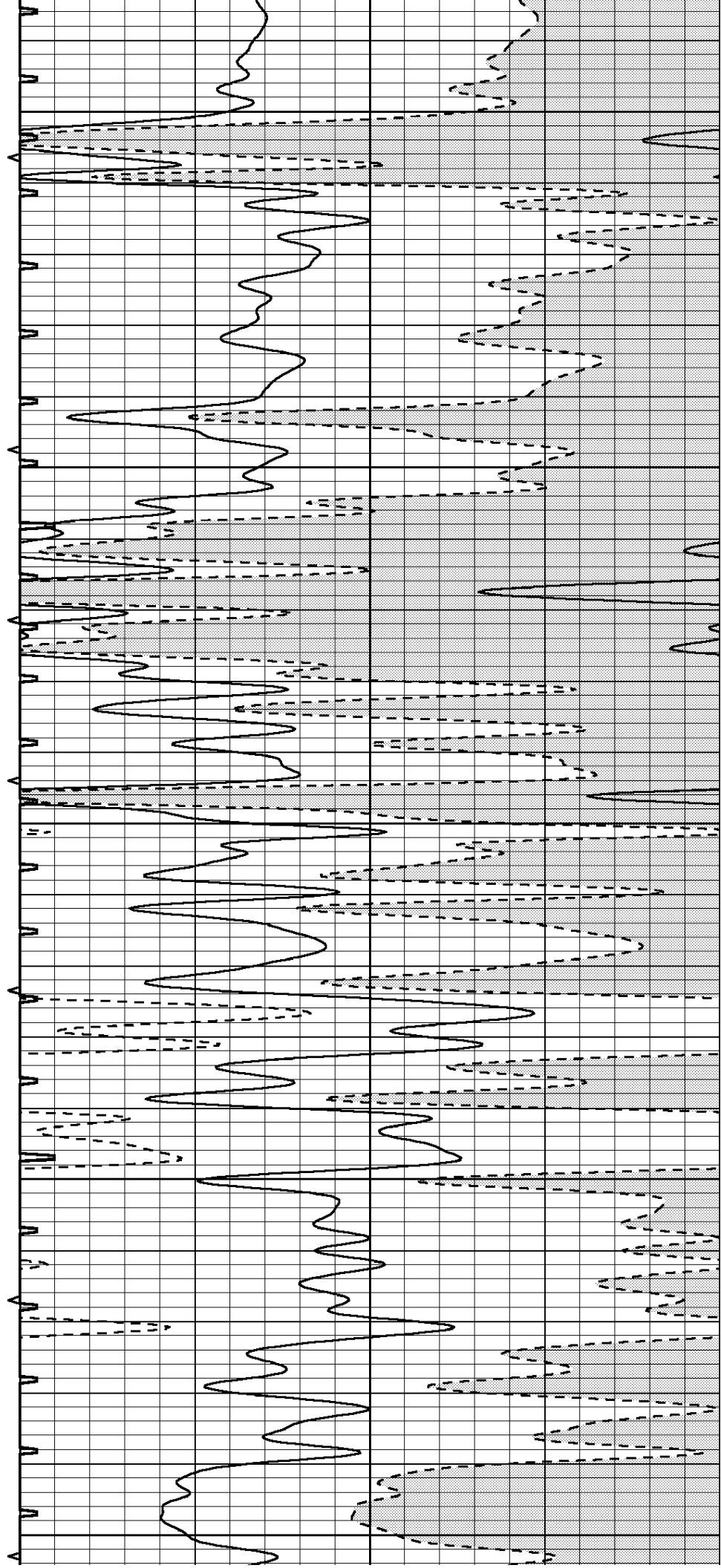
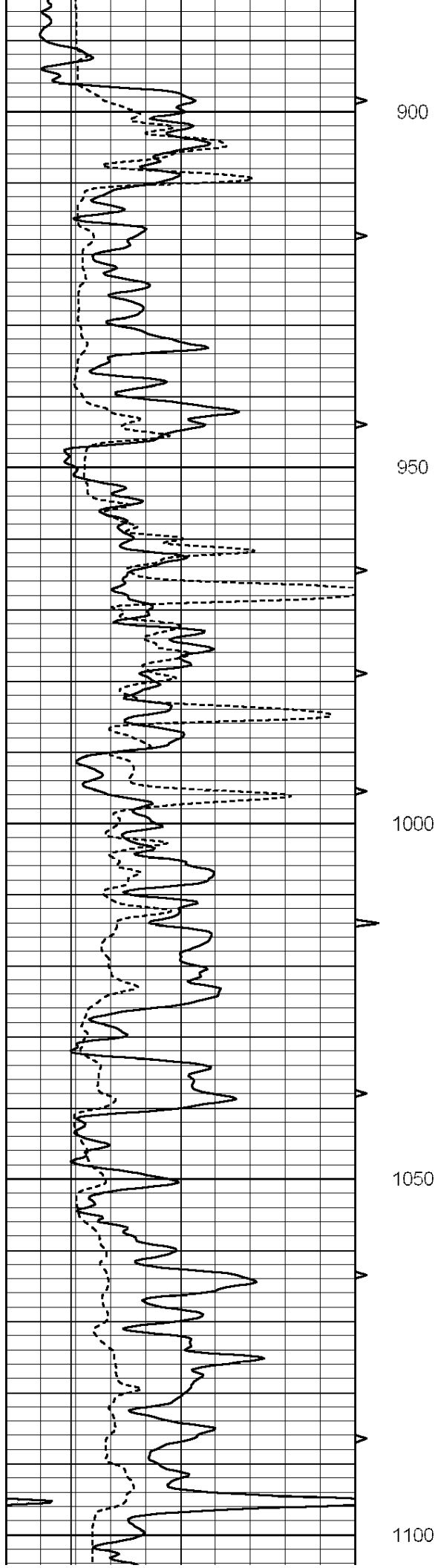
700

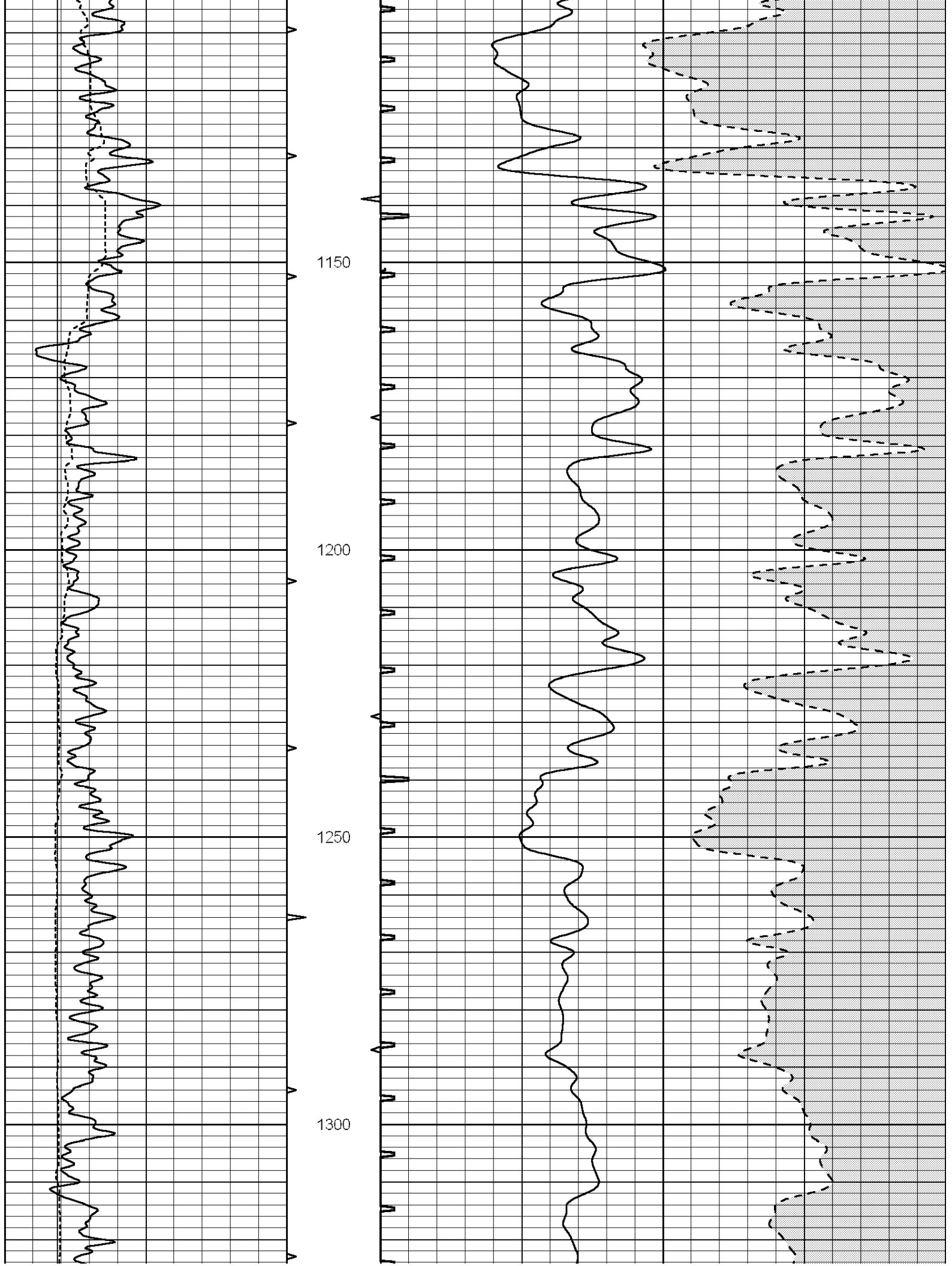
750

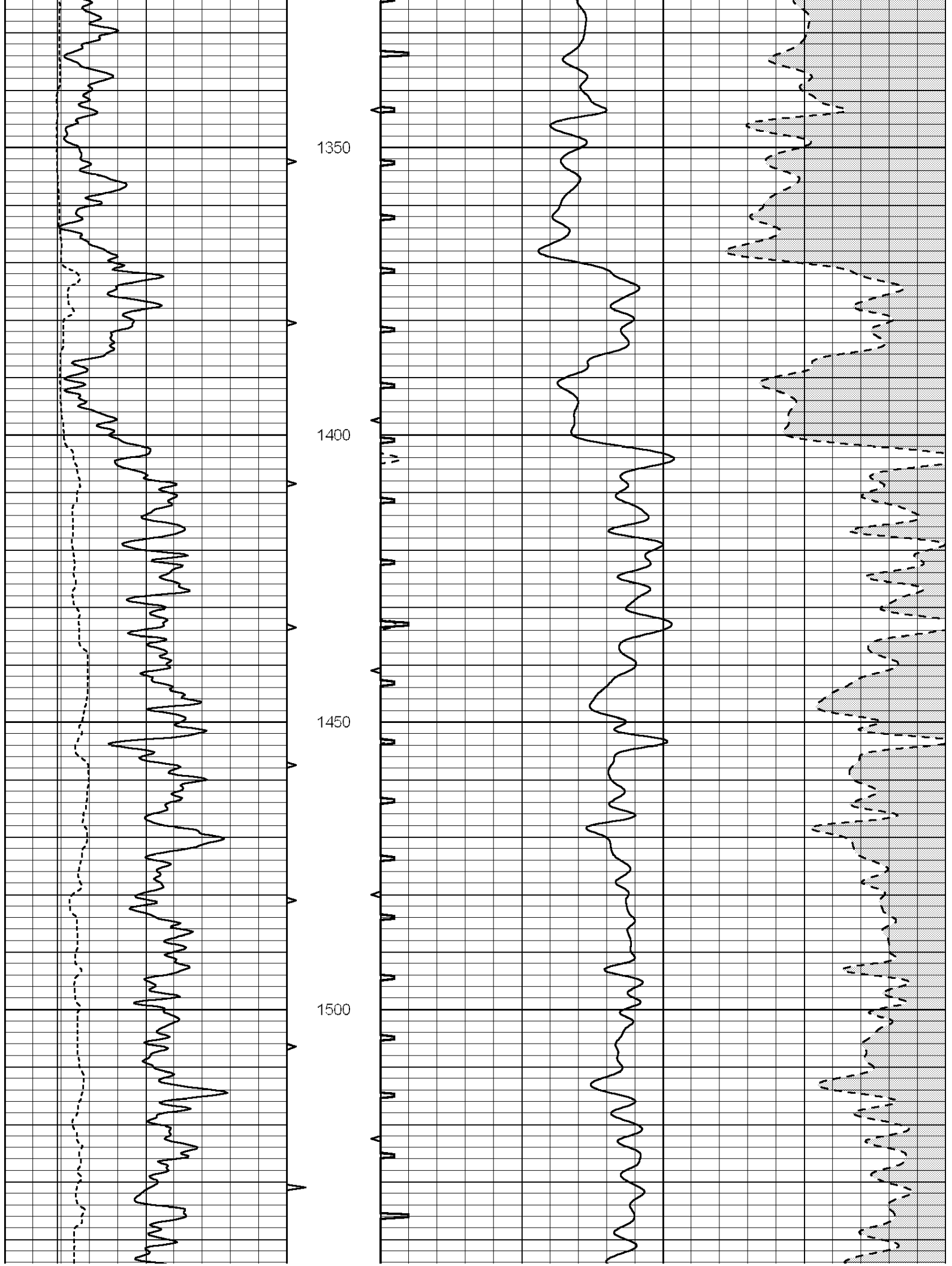
800

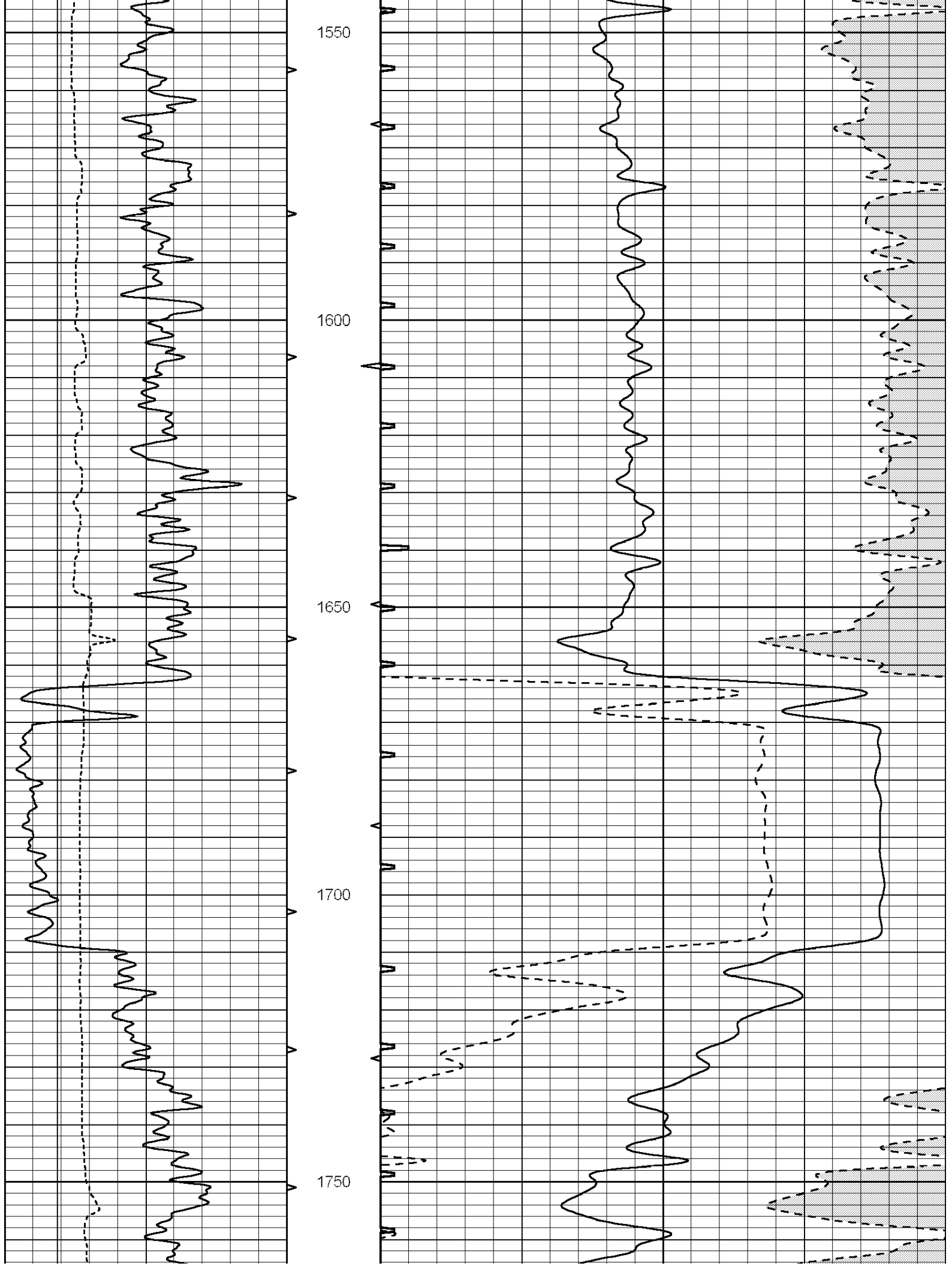
850

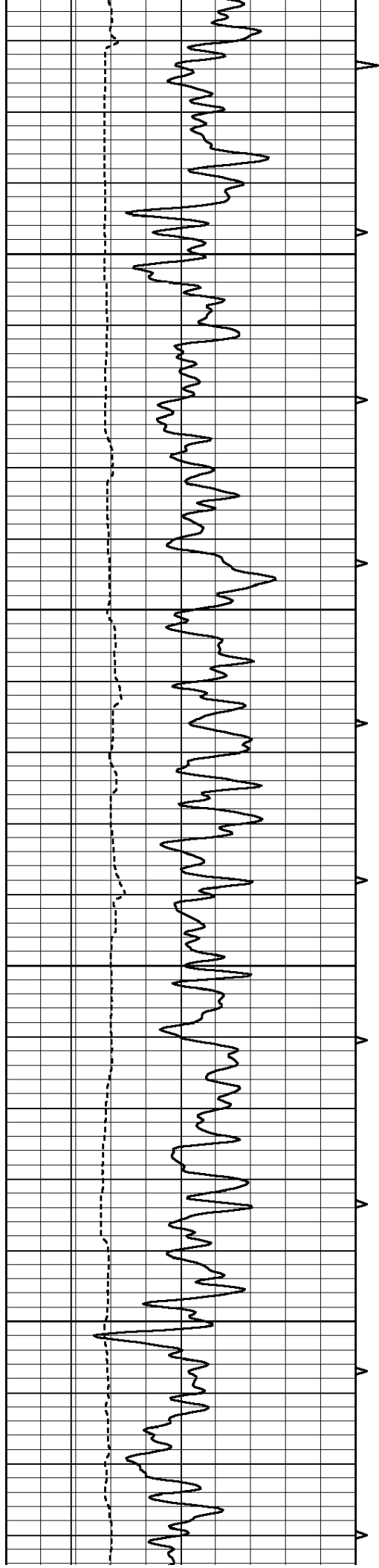










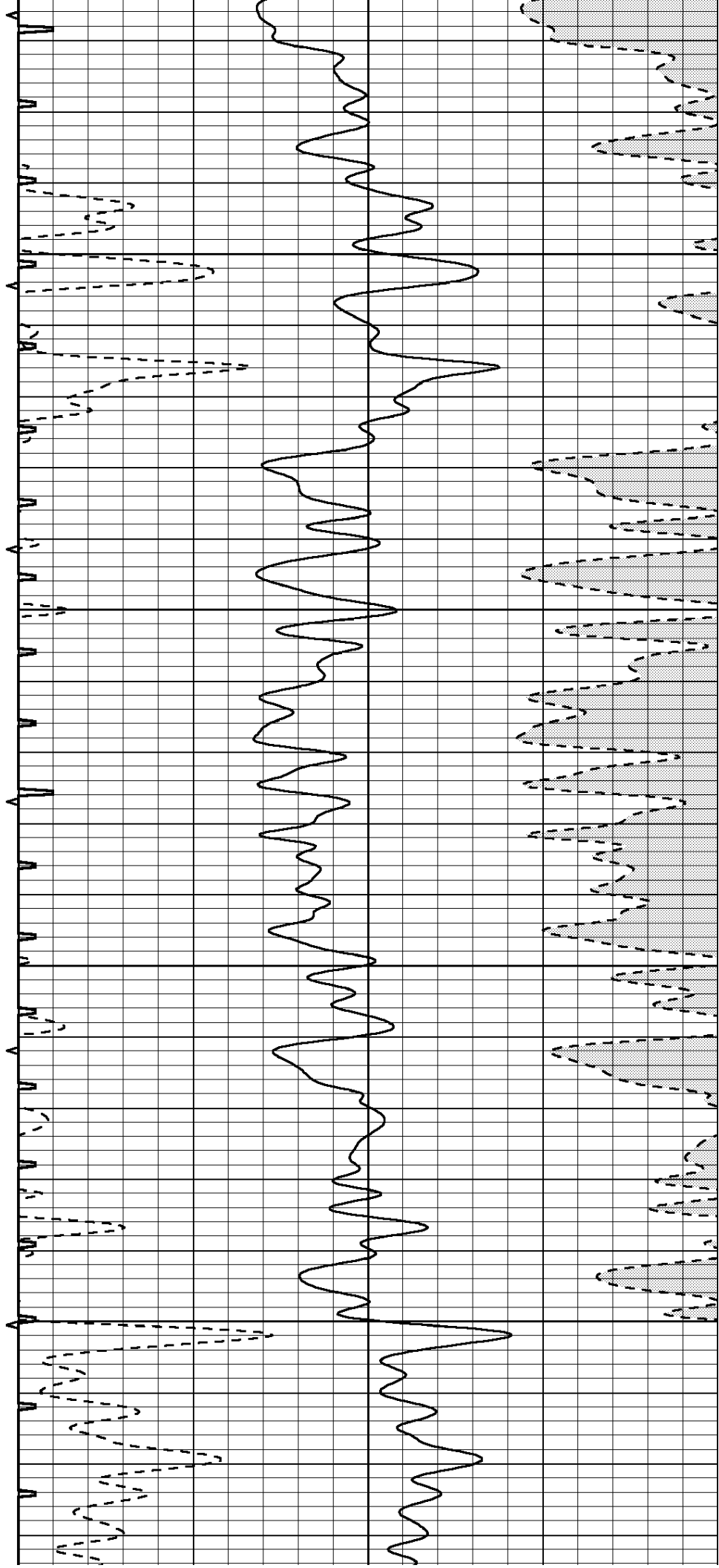


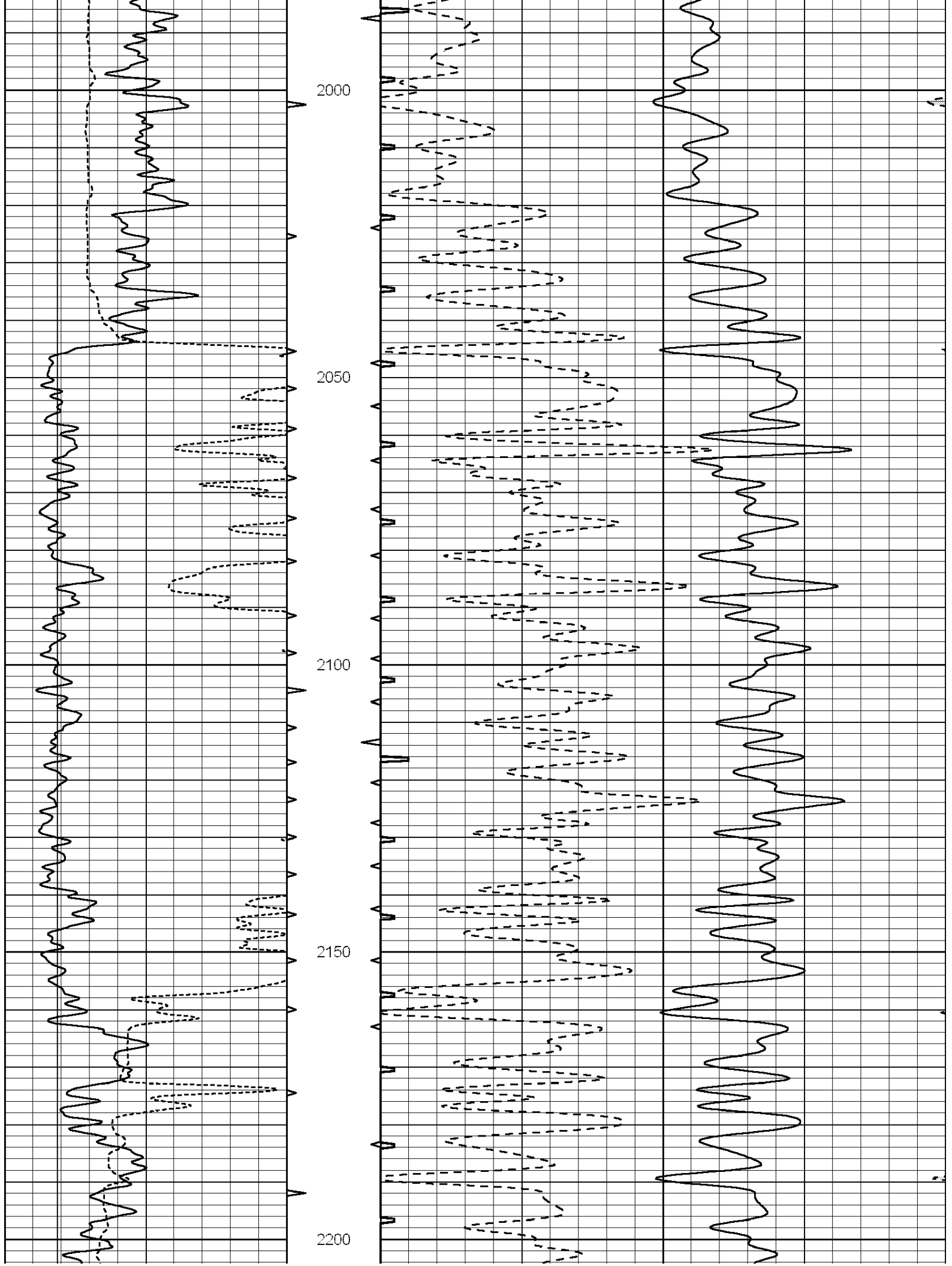
1800

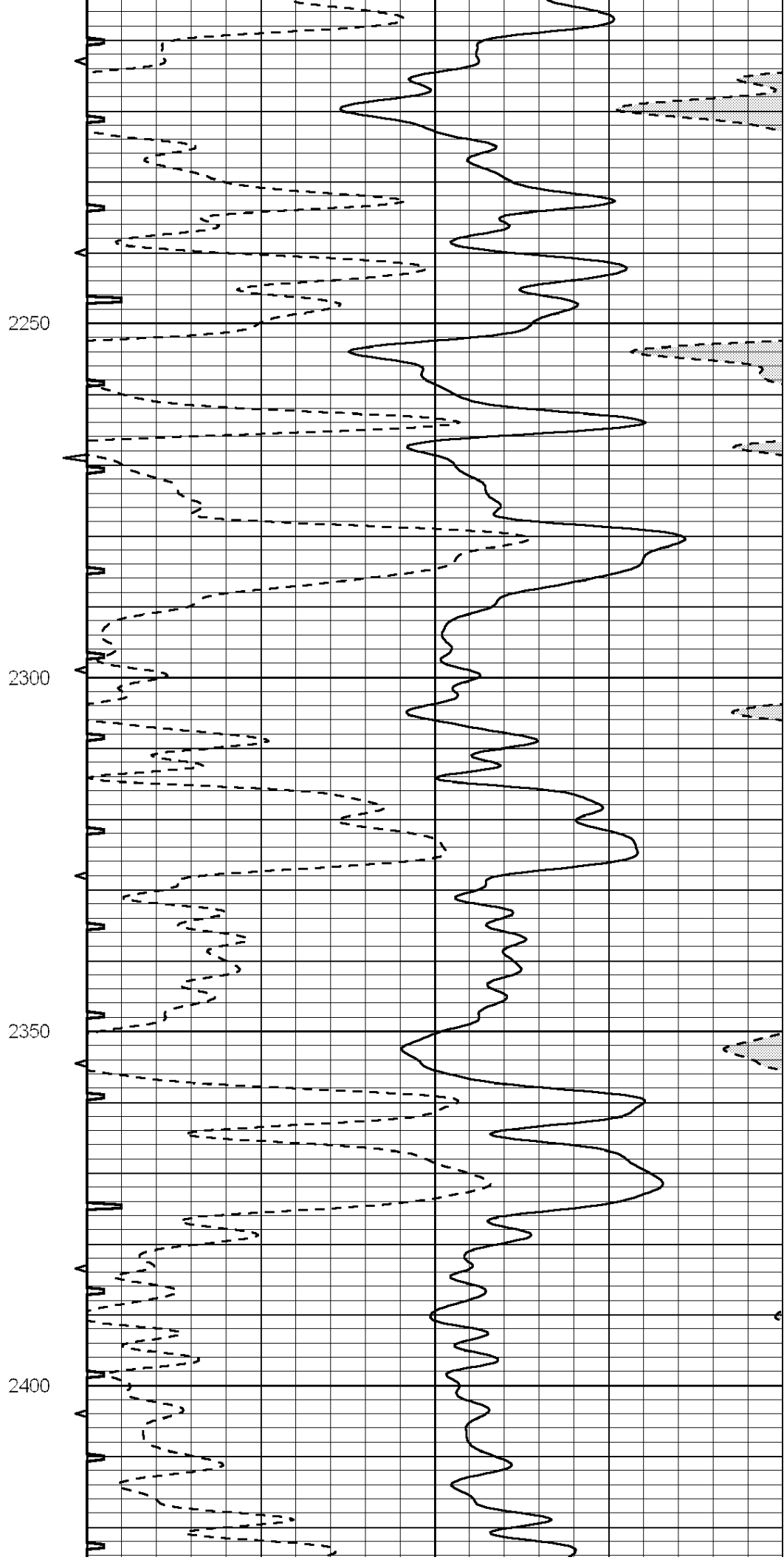
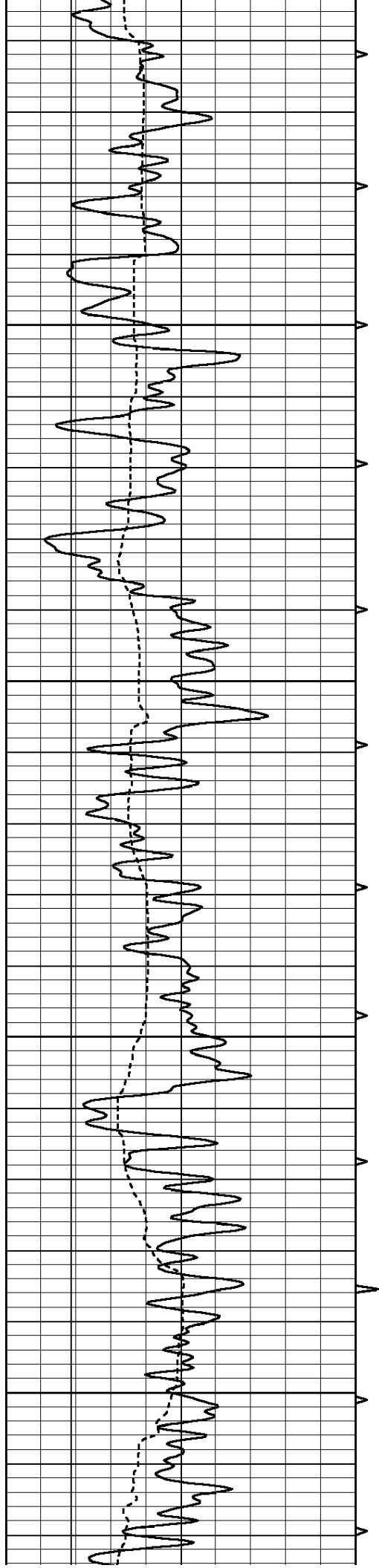
1850

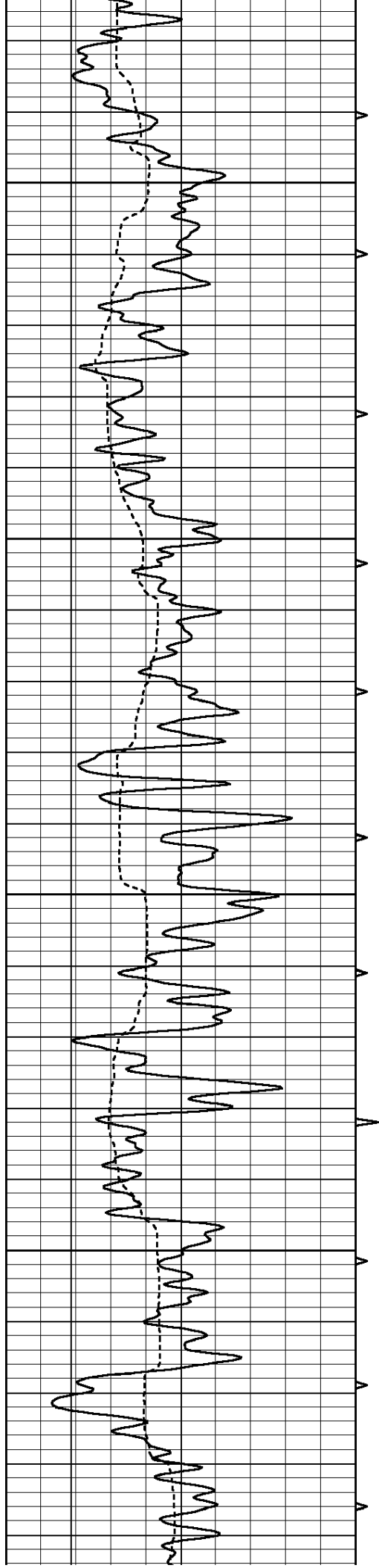
1900

1950







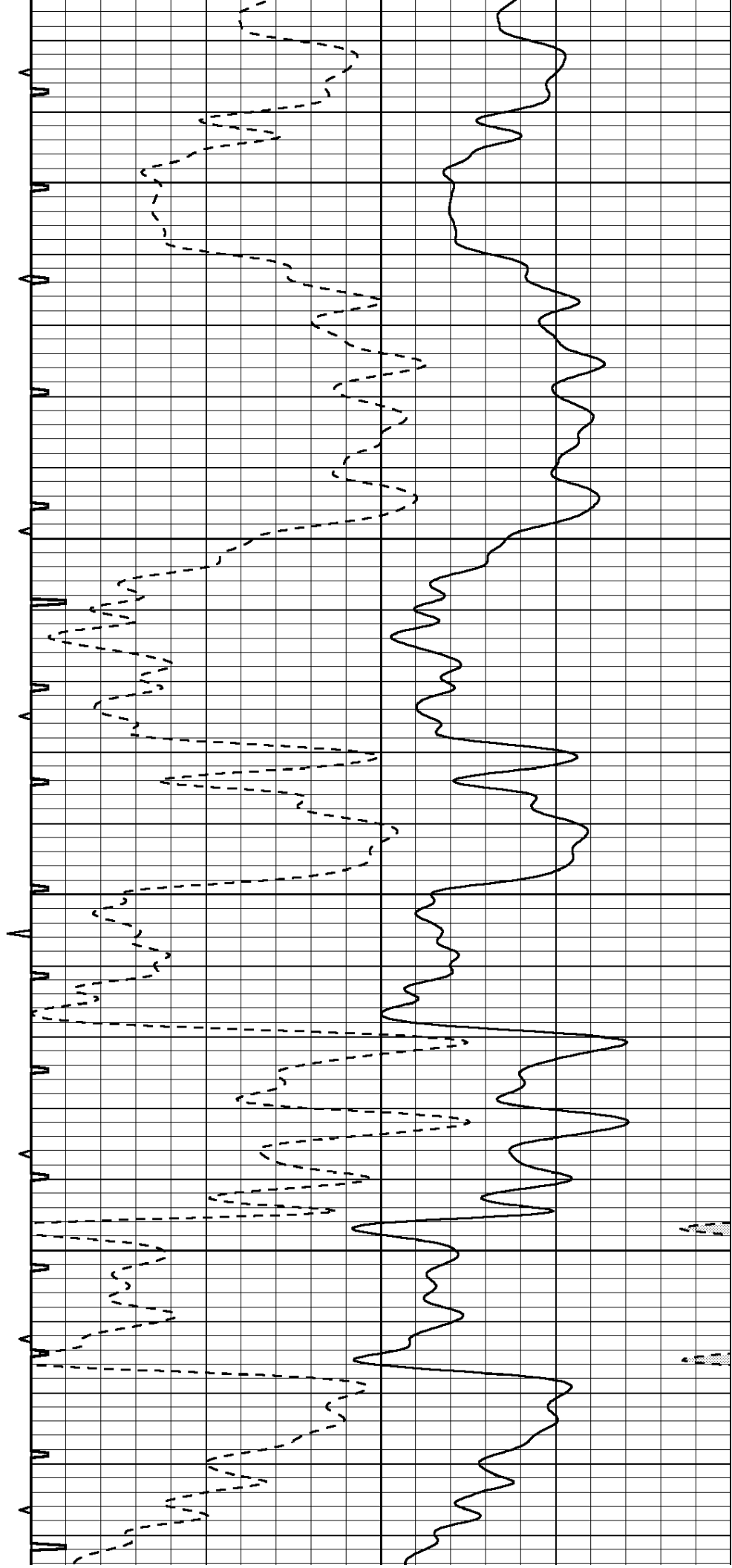


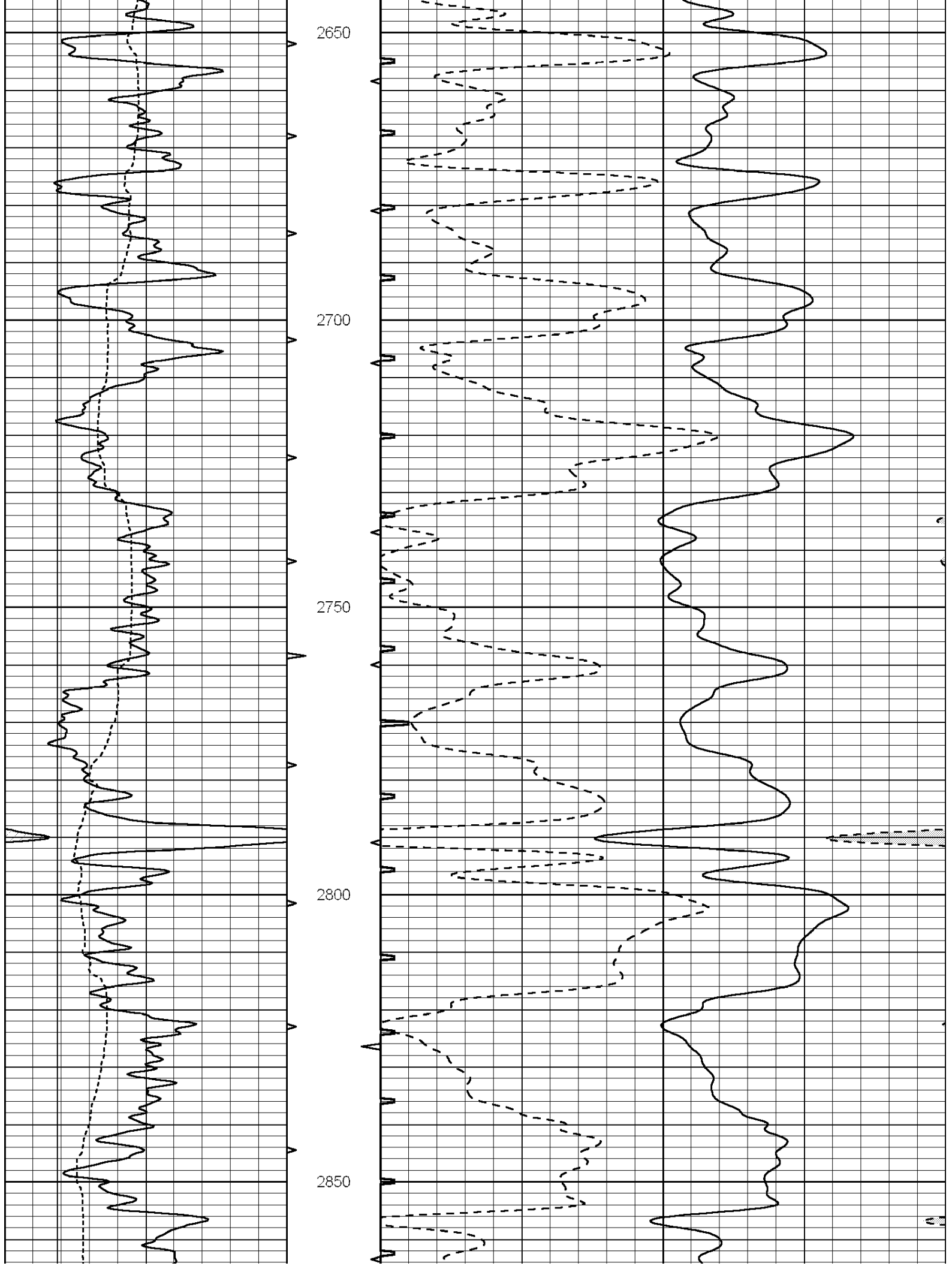
2450

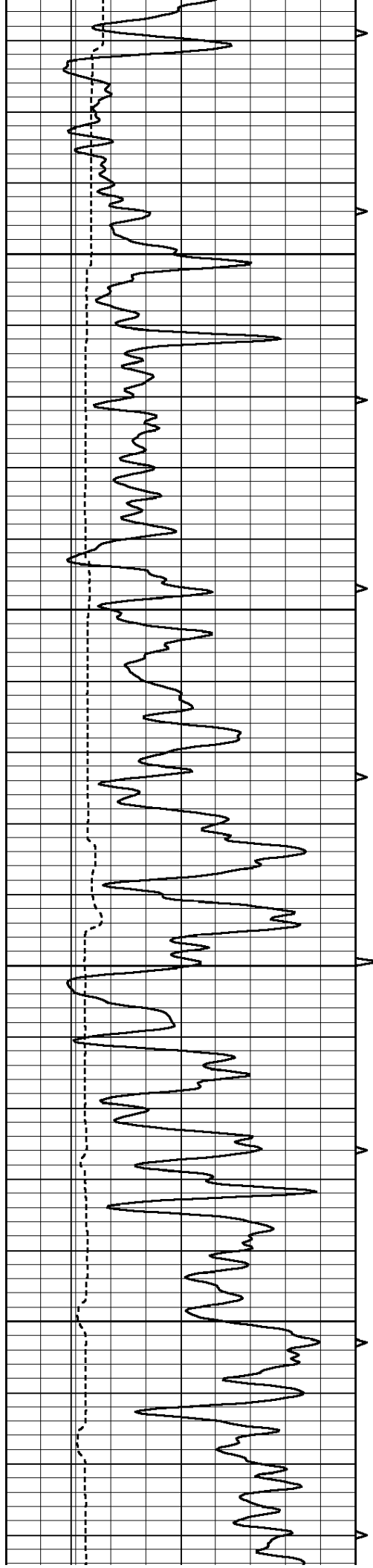
2500

2550

2600





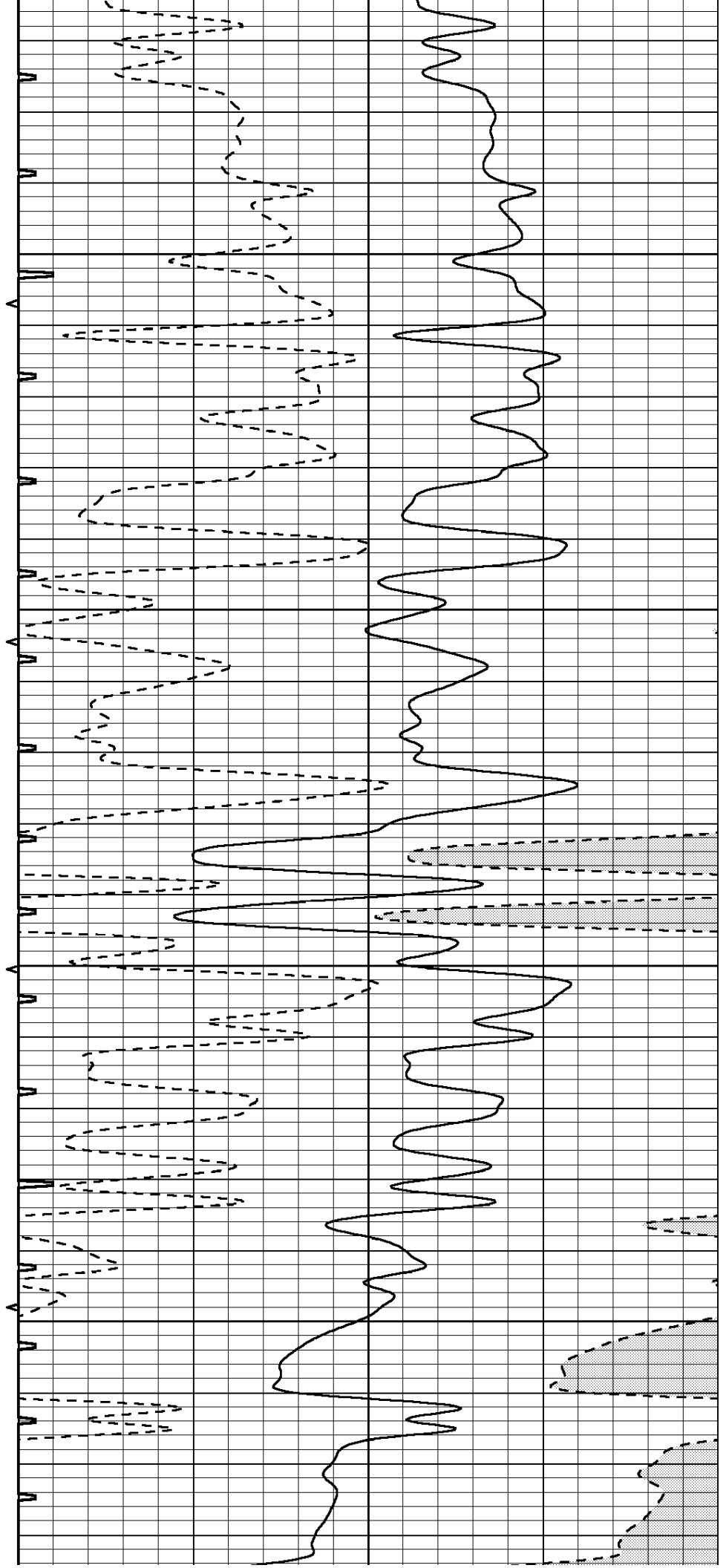


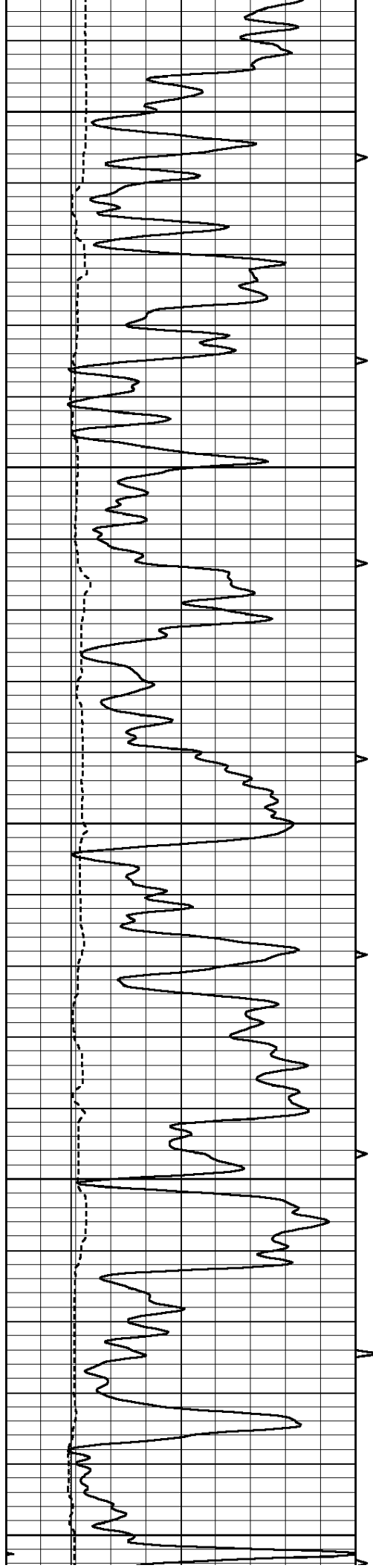
2900

2950

3000

3050





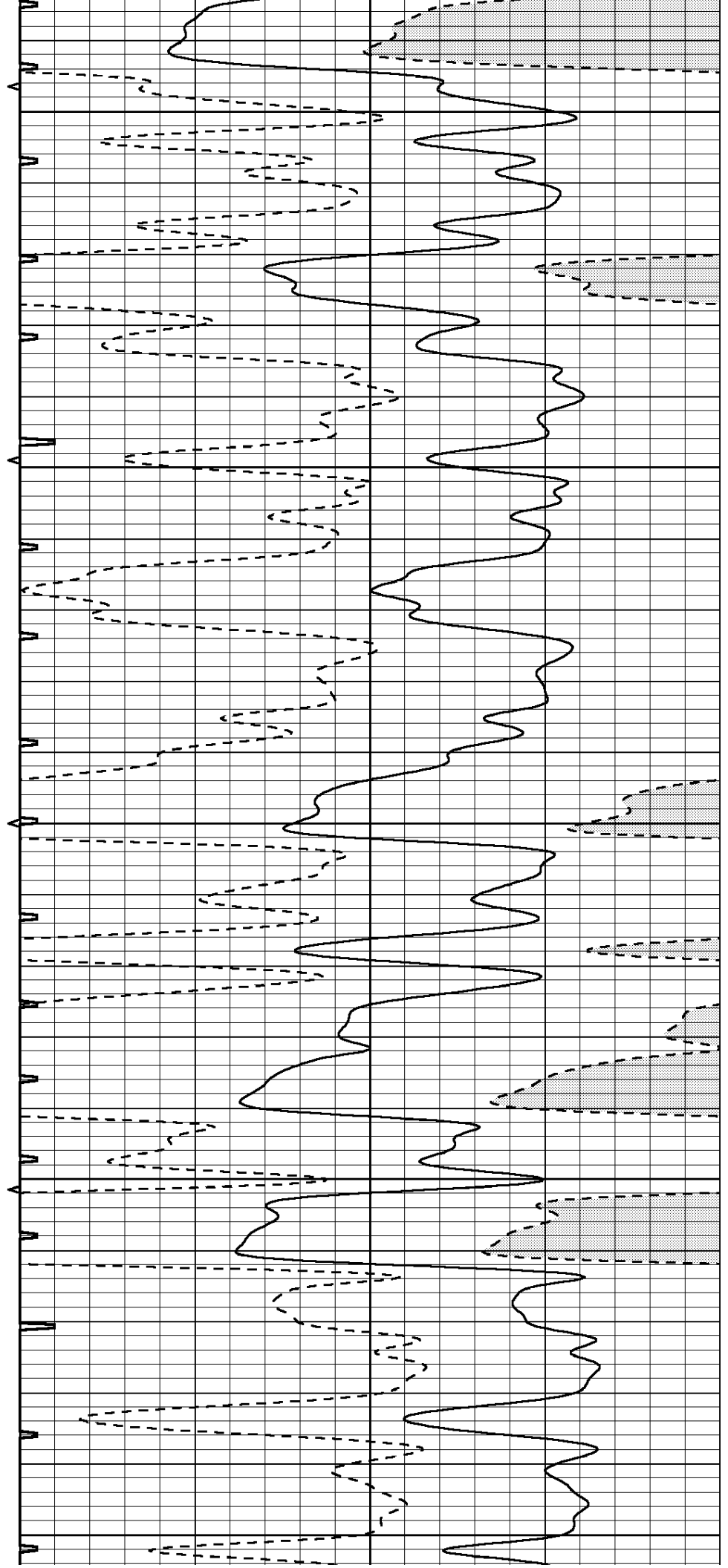
3100

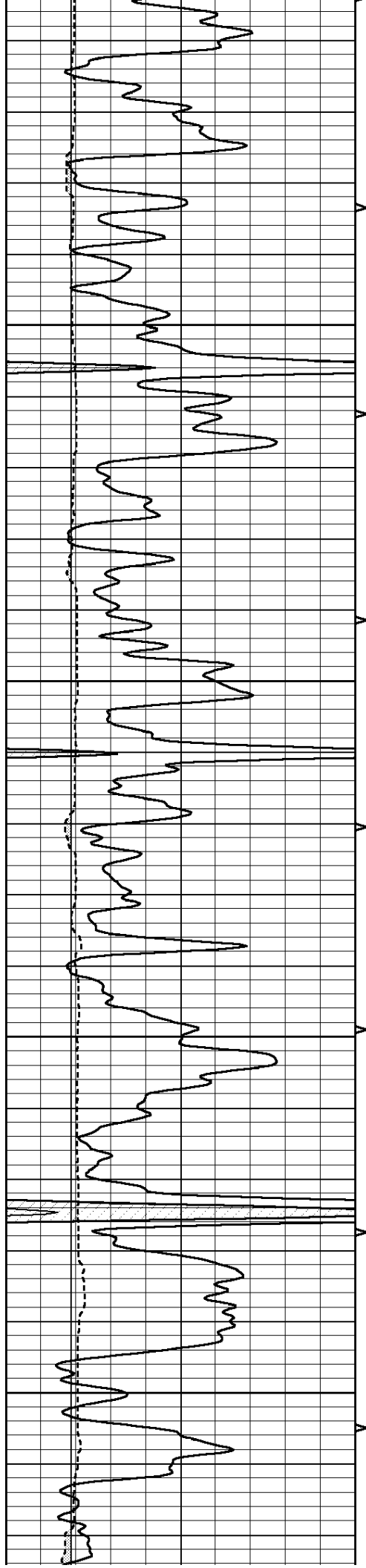
3150

3200

3250

3300



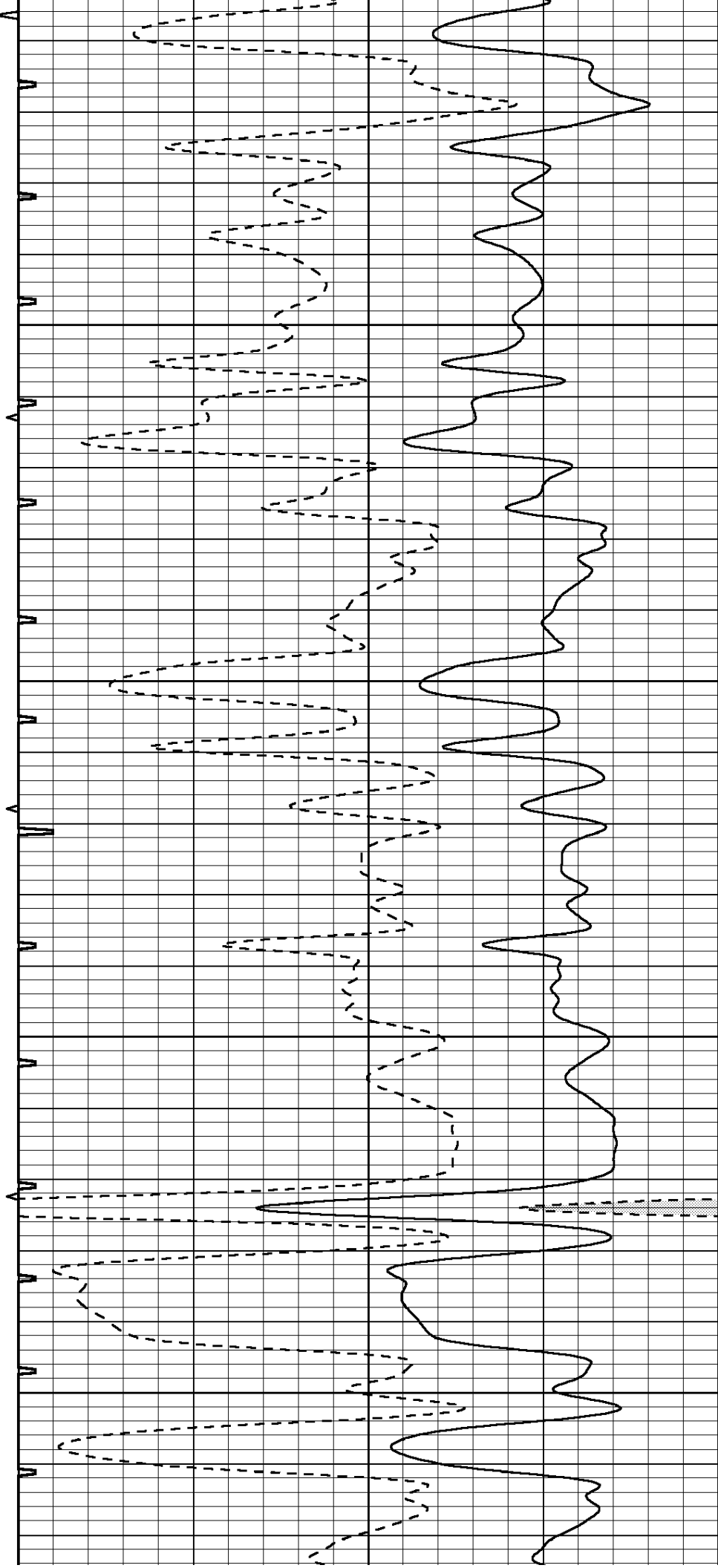


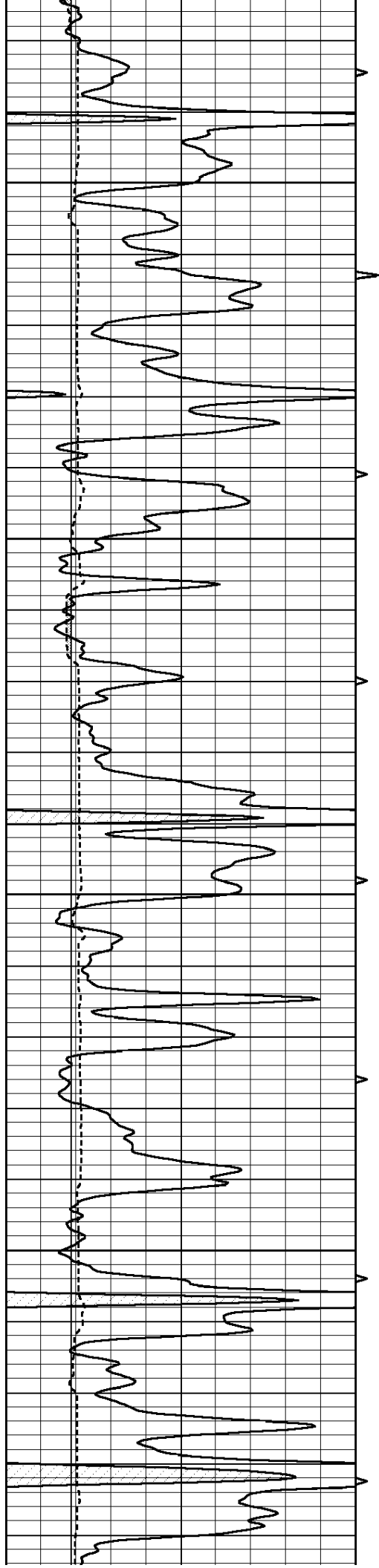
3350

3400

3450

3500



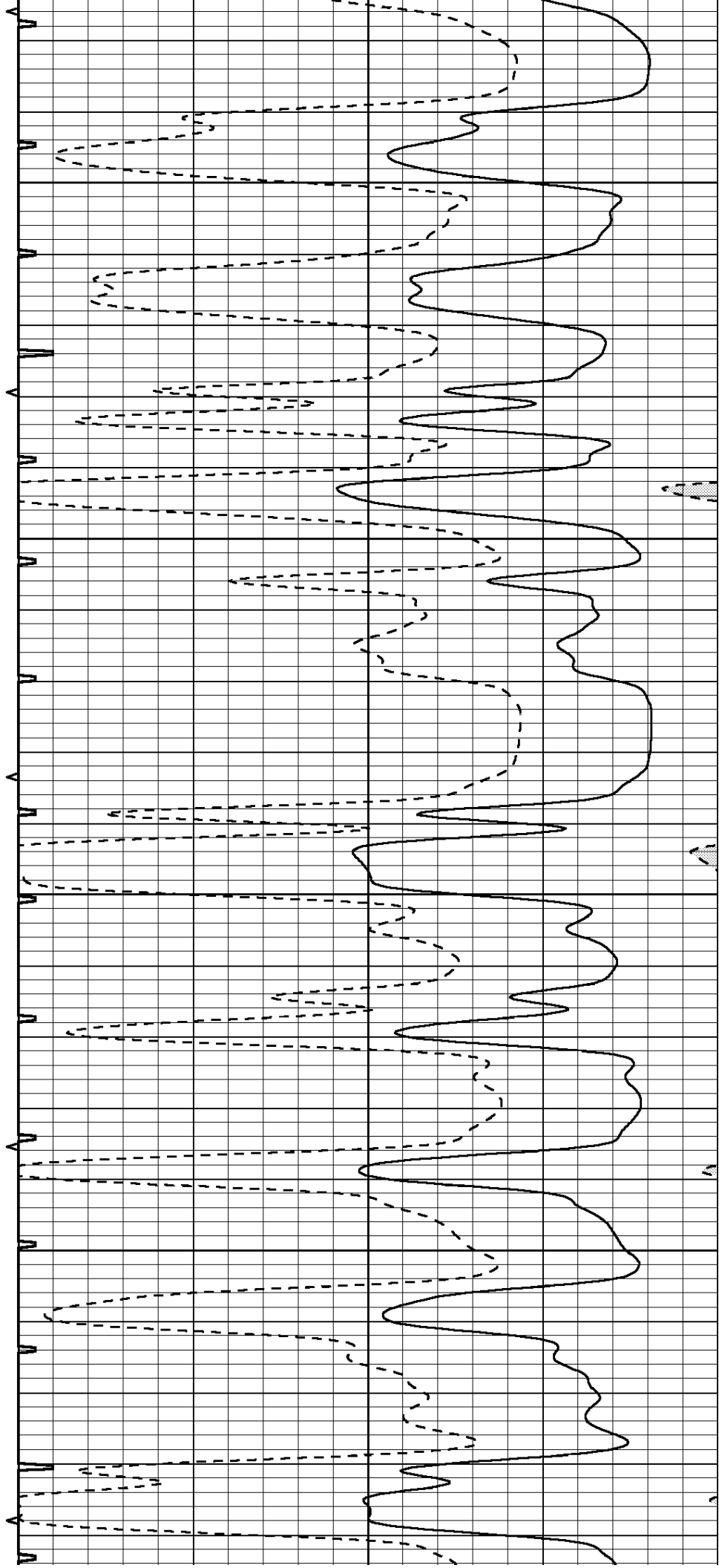


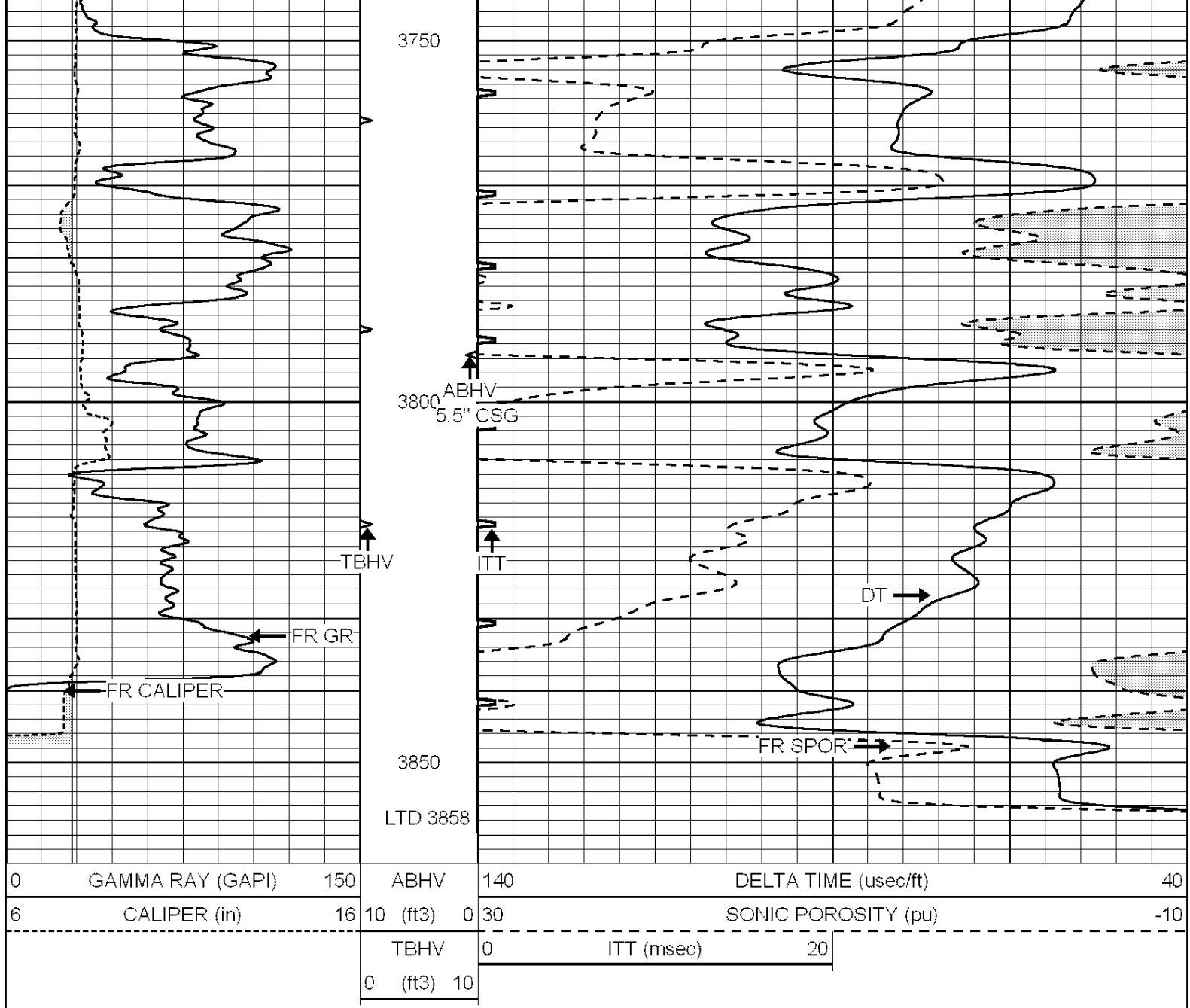
3550

3600

3650

3700

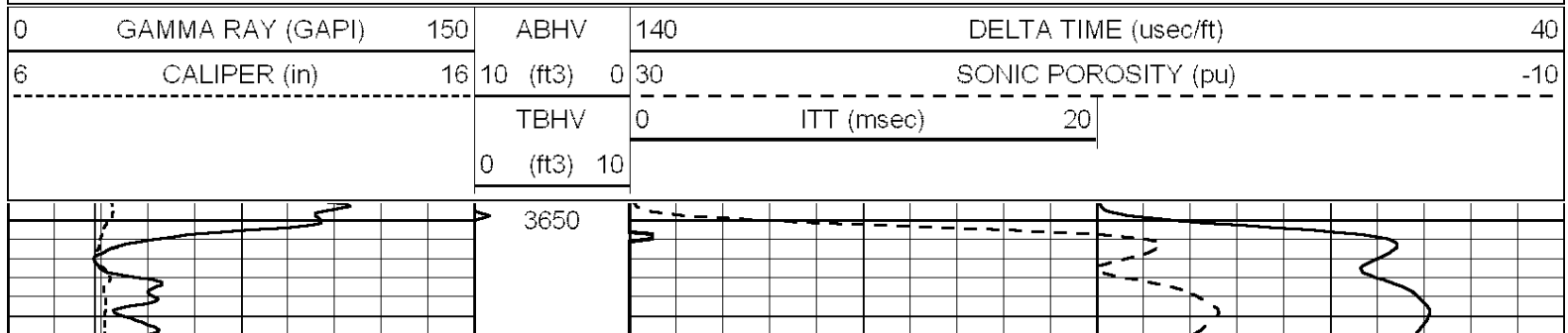


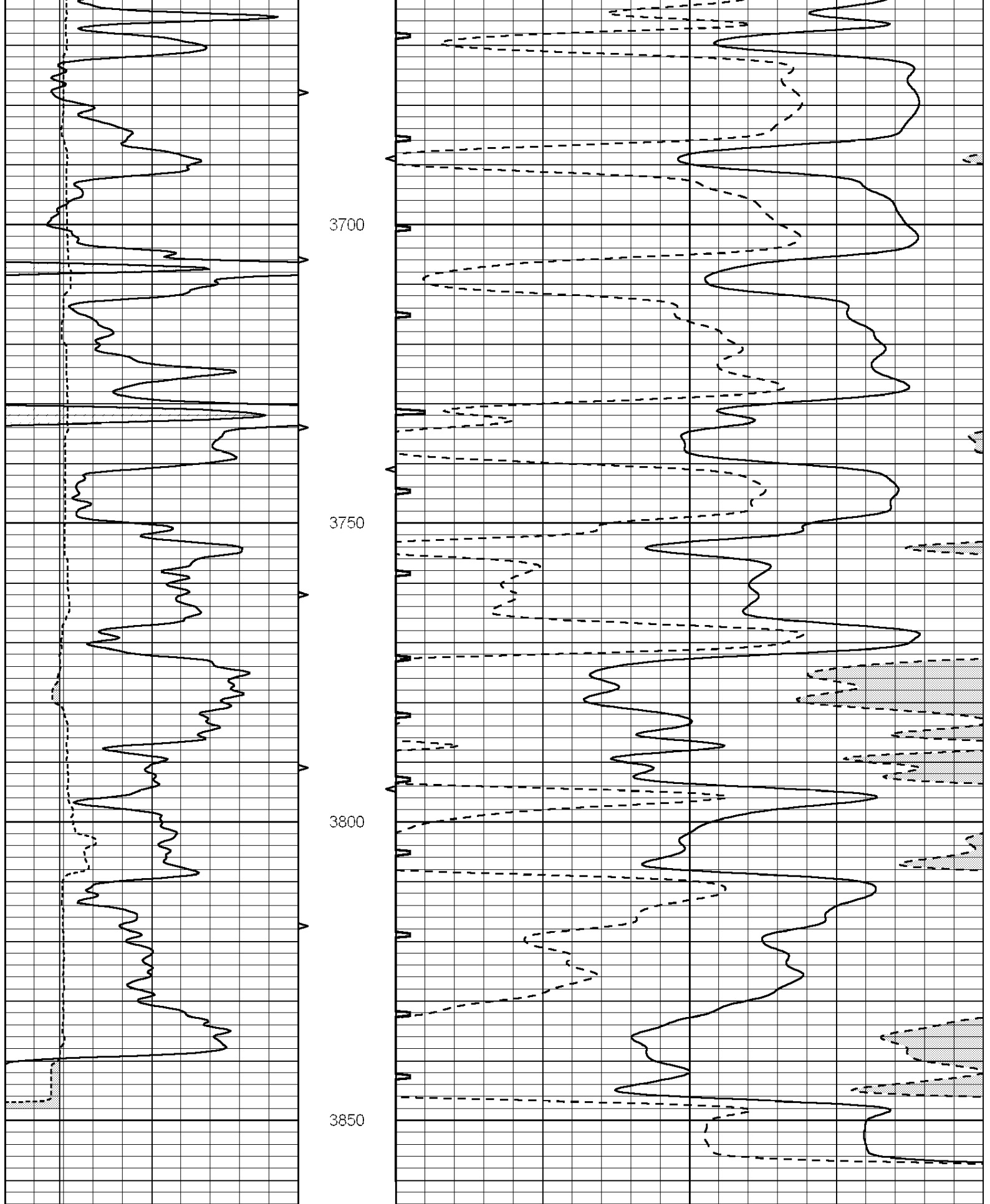


SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 008652ddn.db
 Dataset Pathname: pass5.1
 Presentation Format: _slt
 Dataset Creation: Wed Dec 14 02:35:05 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			

The diagram shows a horizontal beam with a central vertical line. A thick horizontal bar is positioned below the central vertical line, extending across the width of the beam. The beam is represented by a thin horizontal line with small vertical tick marks at the ends. The thick horizontal bar is a solid black rectangle.