



SONIC LOG

Company HAYES OIL & GAS, LLC.

Well HUCK #1-5

Field UNNAMED

County COMANCHE State KANSAS

Location: API #: 15-033-21794-0000
1650' FNL & 2310' FEL
NW - SW - NE

Other Services
CDL/CNL/PE
DIL/MEL

SEC 5 TWP 32S RGE 18W

Permanent Datum GROUND LEVEL Elevation 2154
Log Measured From KELLY BUSHING 12' A.G.L.
Drilling Measured From KELLY BUSHING

Elevation
K.B. 2166
D.F. 2164
G.L. 2154

Date 9/3/22

Run Number TWO

Depth Driller 5925

Depth Logger 5926

Bottom Logged Interval 5918

Top Log Interval 800

Casing Driller 8 5/8" @ 810'

Casing Logger 810

Bit Size 7 7/8"

Type Fluid in Hole CHEMICAL MUD CHLORIDES 8,600 PPM

Density / Viscosity 9.1/49

pH / Fluid Loss 8.5/12.4

Source of Sample FLOWLINE

Rm @ Meas. Temp .600 @ 72F

Rmf @ Meas. Temp .450 @ 72F

Rmc @ Meas. Temp .720 @ 72F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .325 @ 133F

Time Circulation Stopped 5.5 HOURS

Time Logger on Bottom 10:30 A.M.

Maximum Recorded Temperature 133F

Equipment Number 922339

Location HAYS, KANSAS

Recorded By JEFF LUEBBERS

Witnessed By TIM HEDRICK

<<< 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.

15-033-21794-0000

Comments

THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS

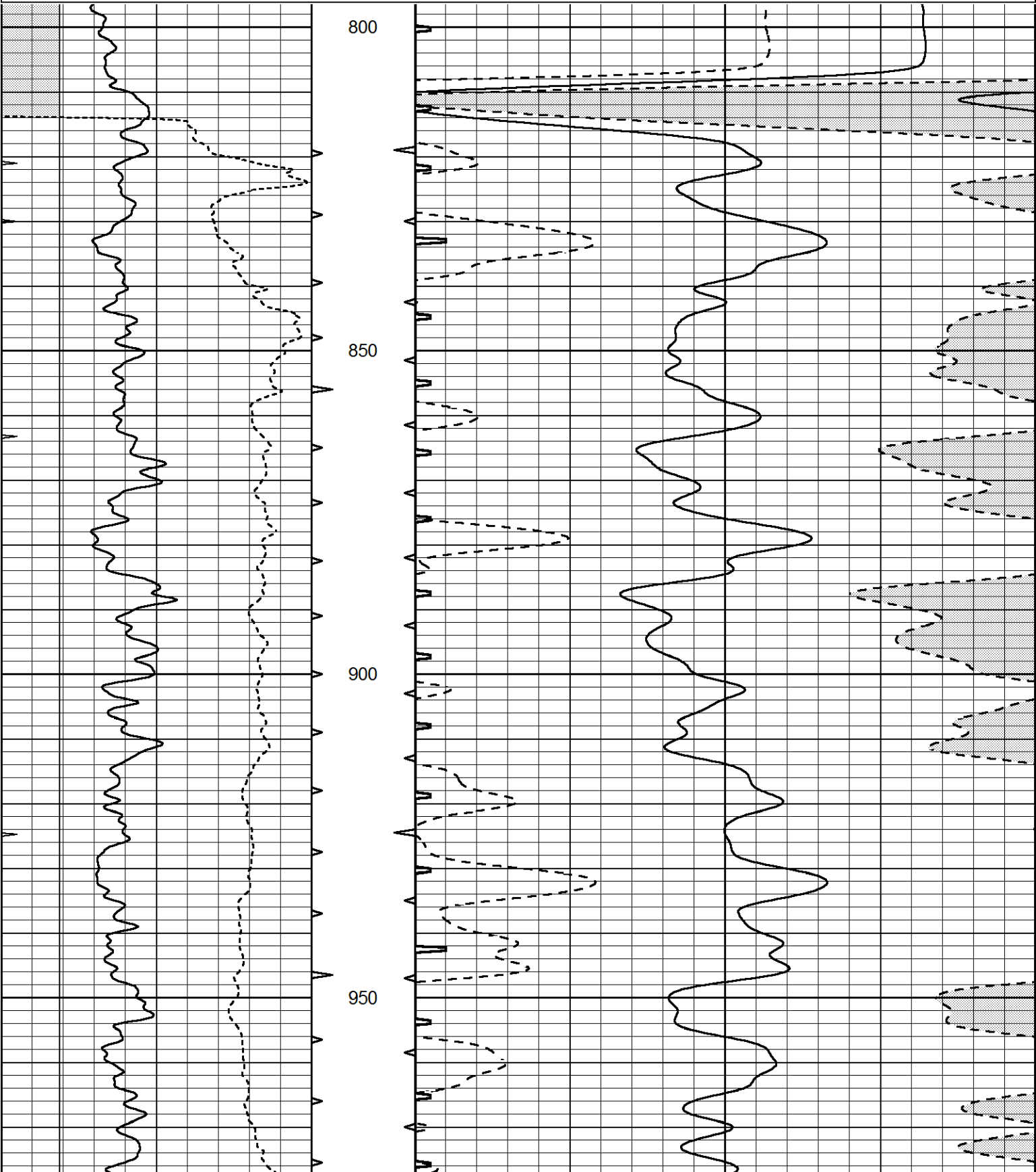
COLDWATER, KS. (JUNCTION HWY 183 & 160) 2E. TO "RD. 15, 3/4N., W. INTO NORTH OF RED SHEET

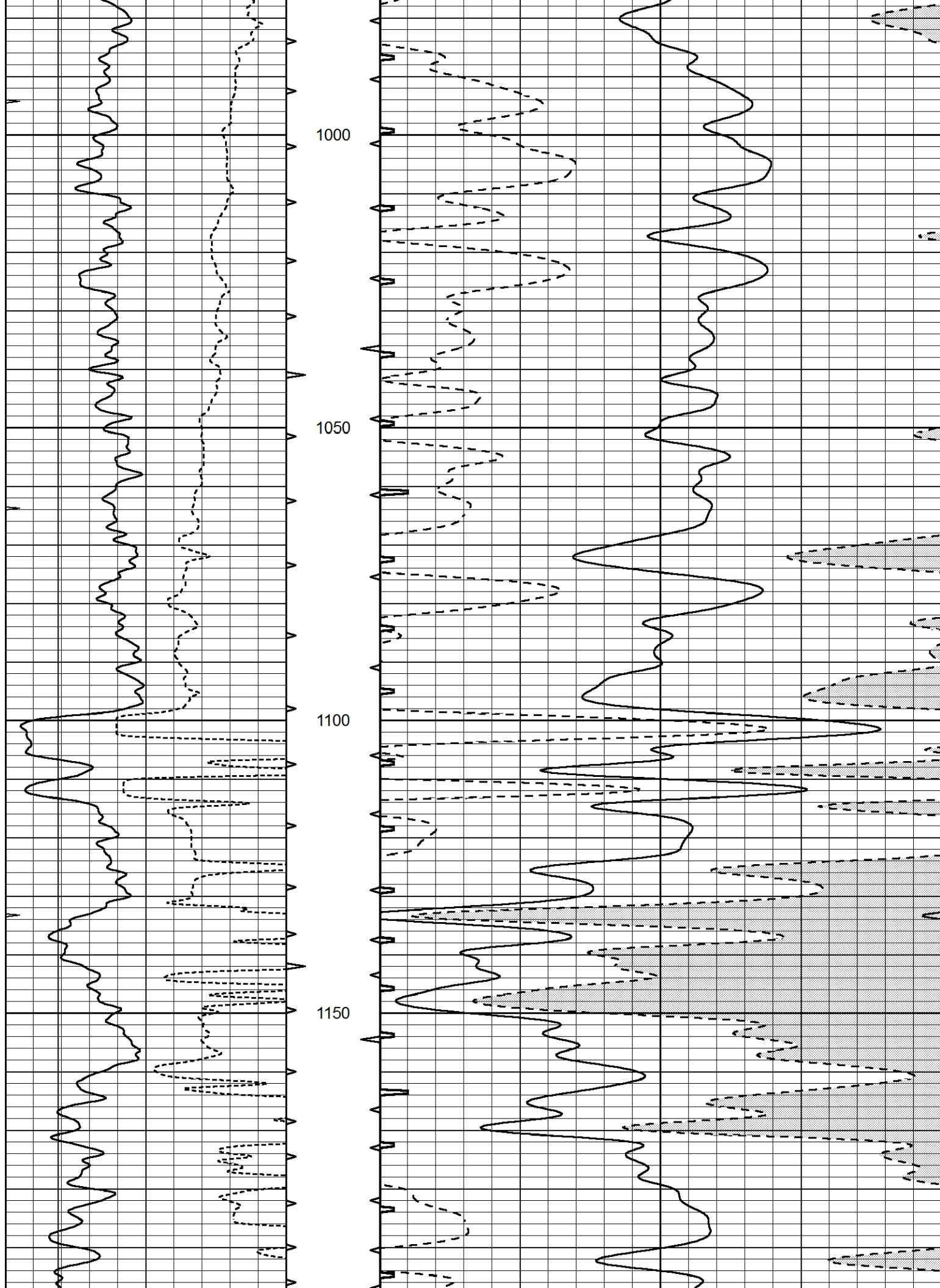


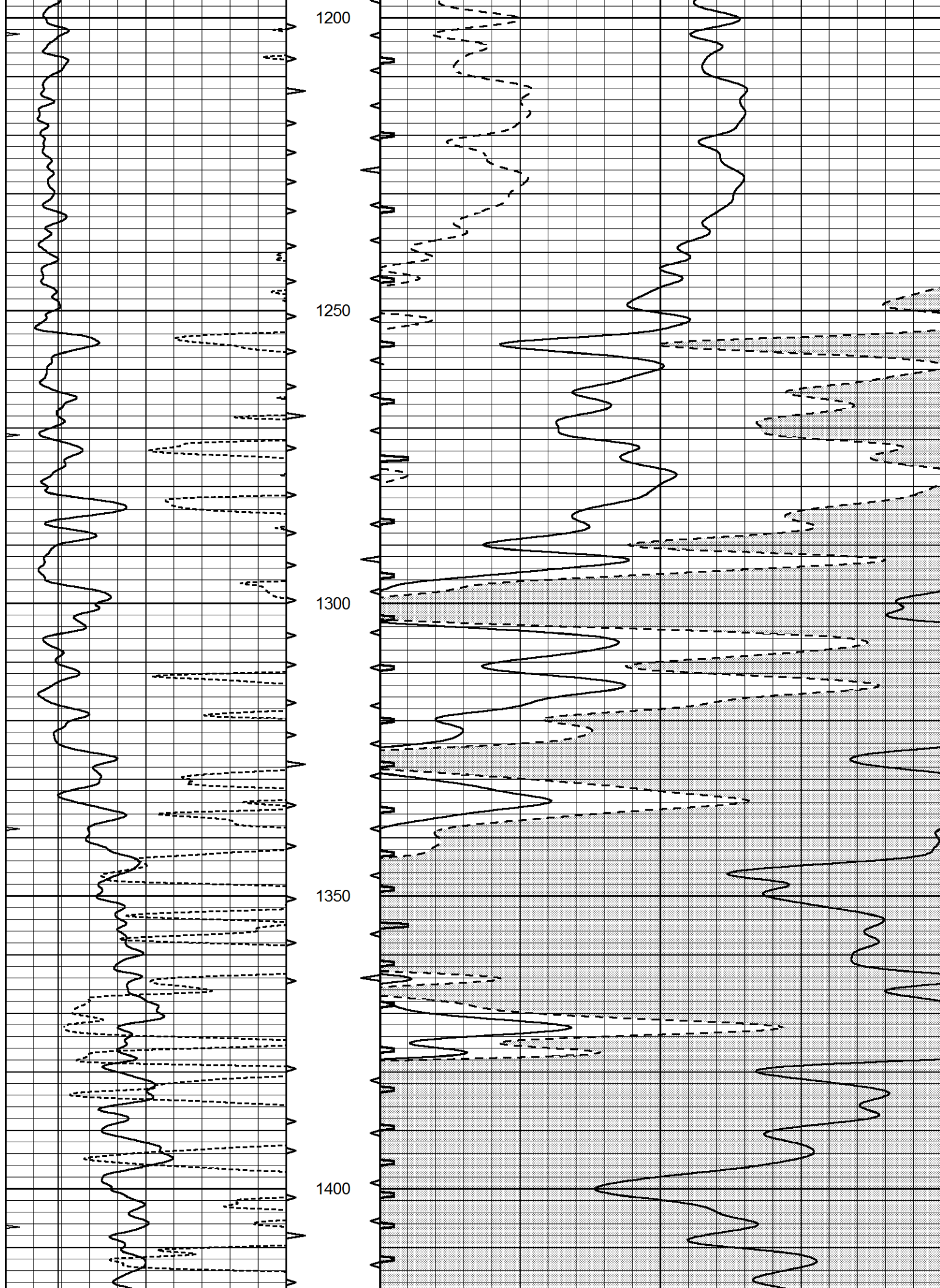
MAIN SECTION

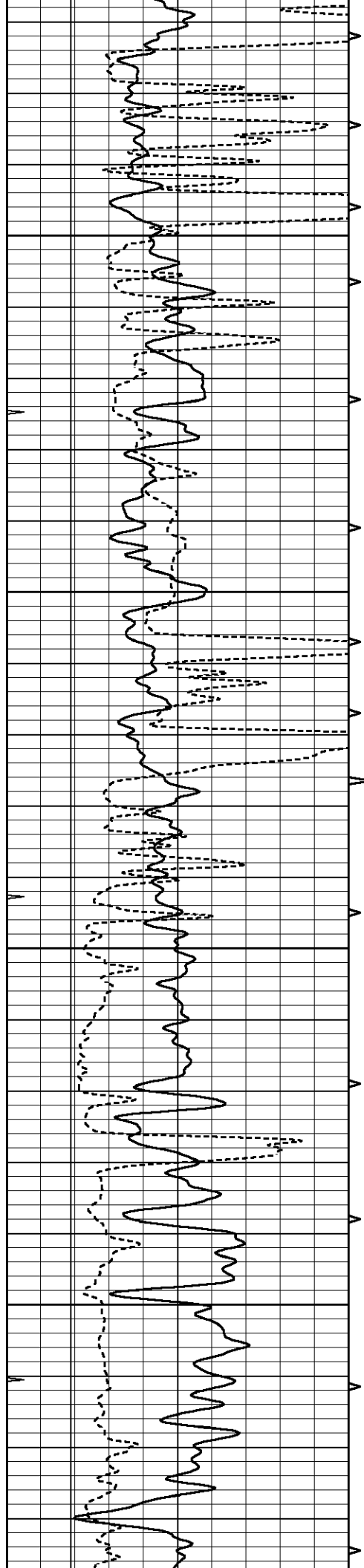
Database File	6917pe.db
Dataset Pathname	pass6.3
Presentation Format	slt
Dataset Creation	Sat Sep 03 12:31:55 2022
Charted by	Depth in Feet scaled 1:240

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				







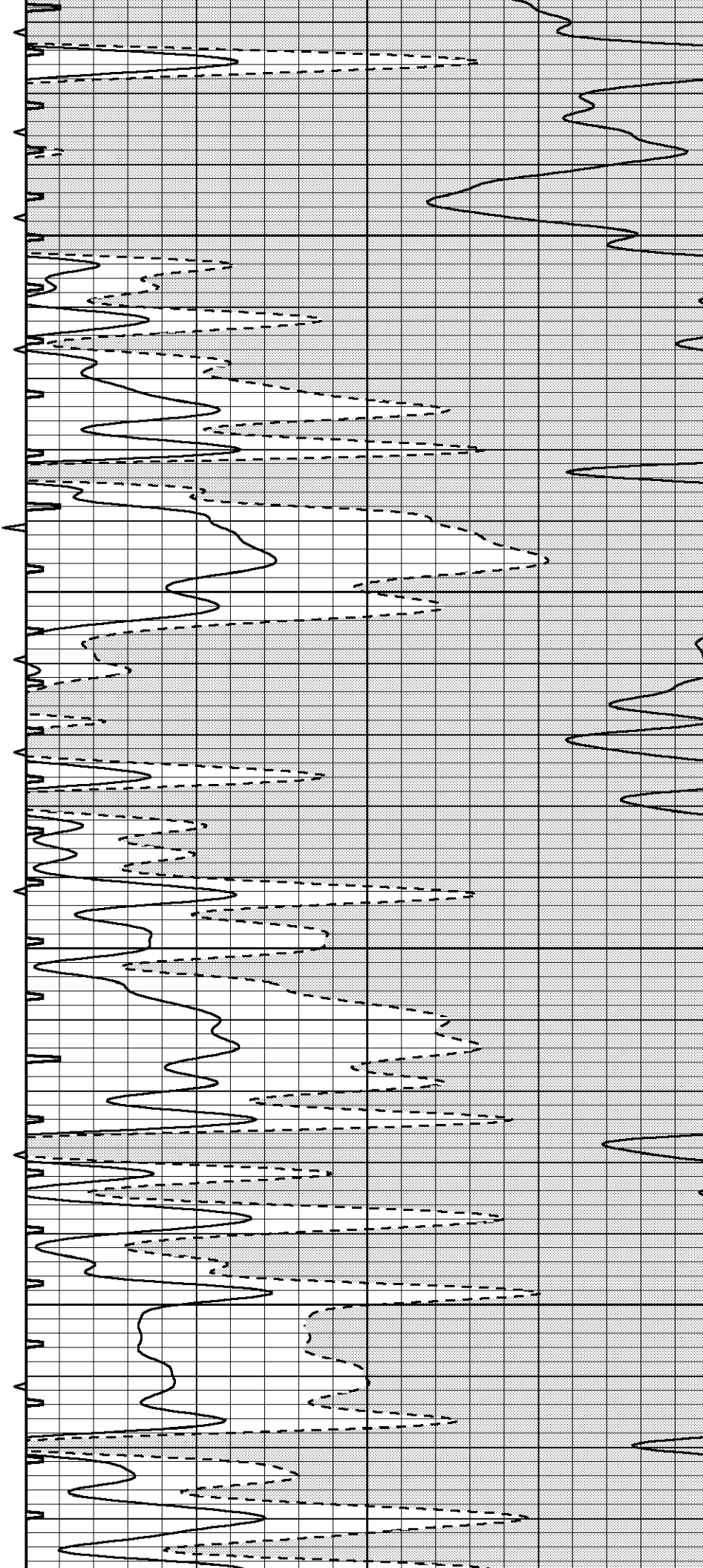


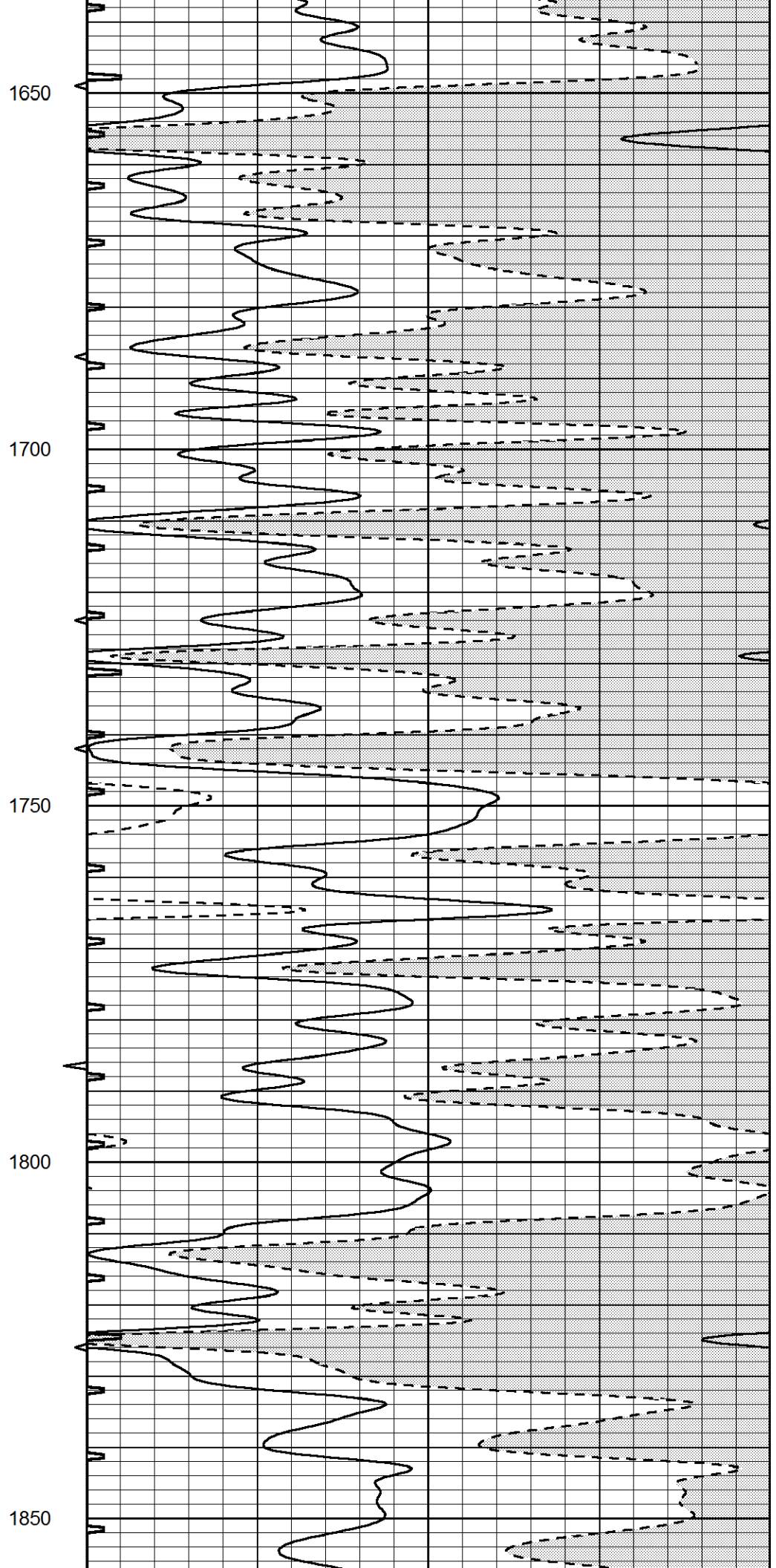
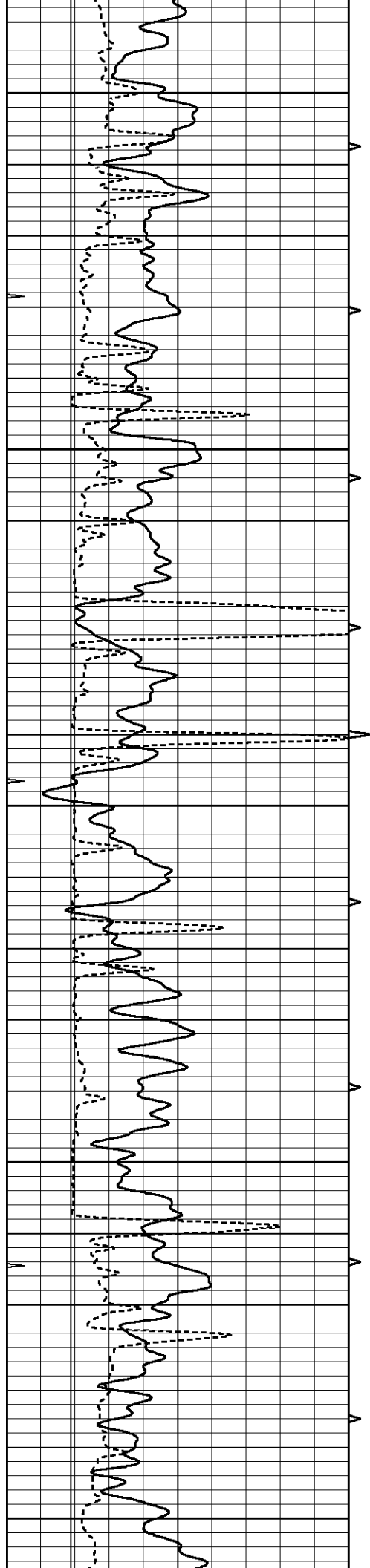
1450

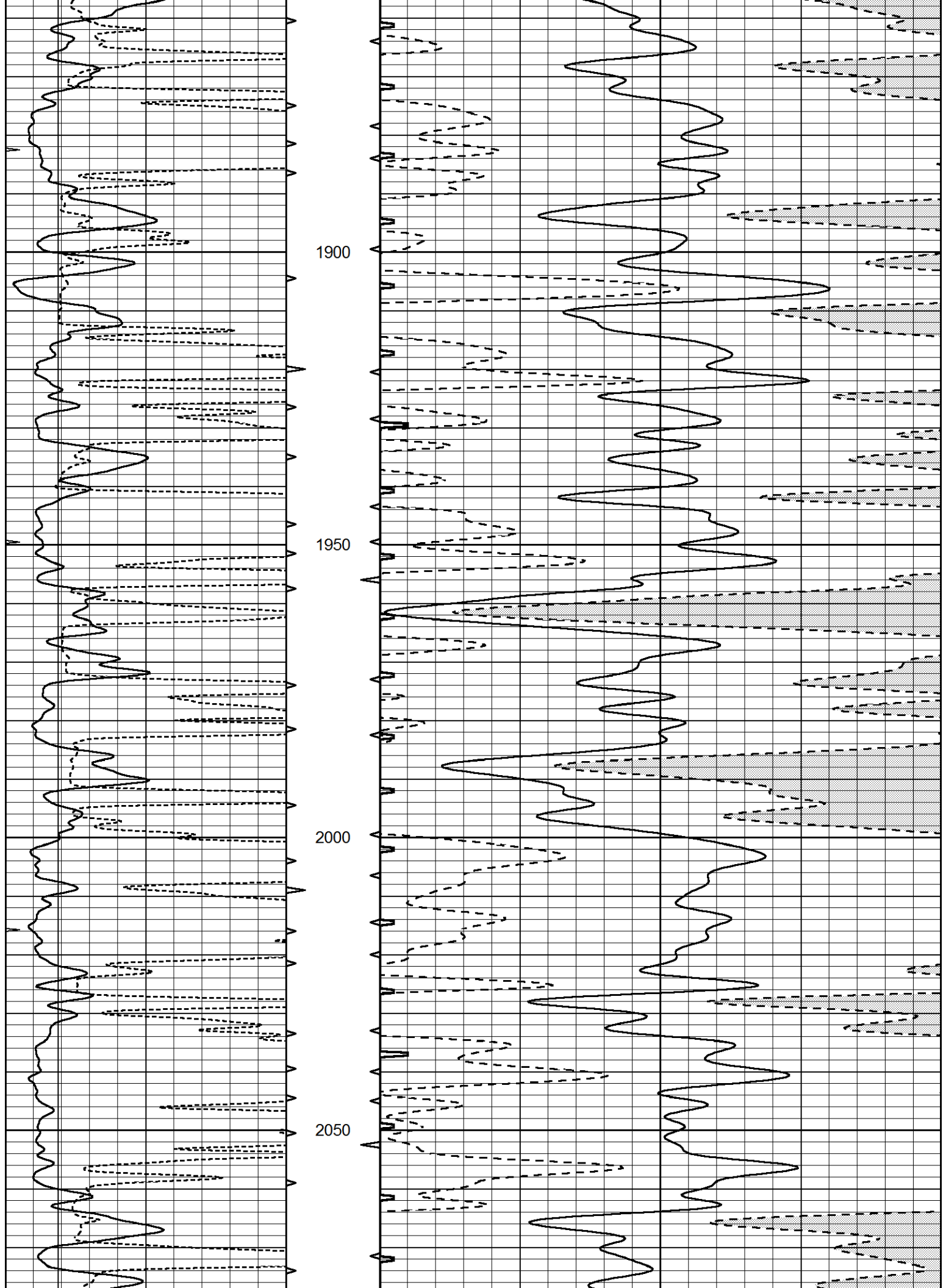
1500

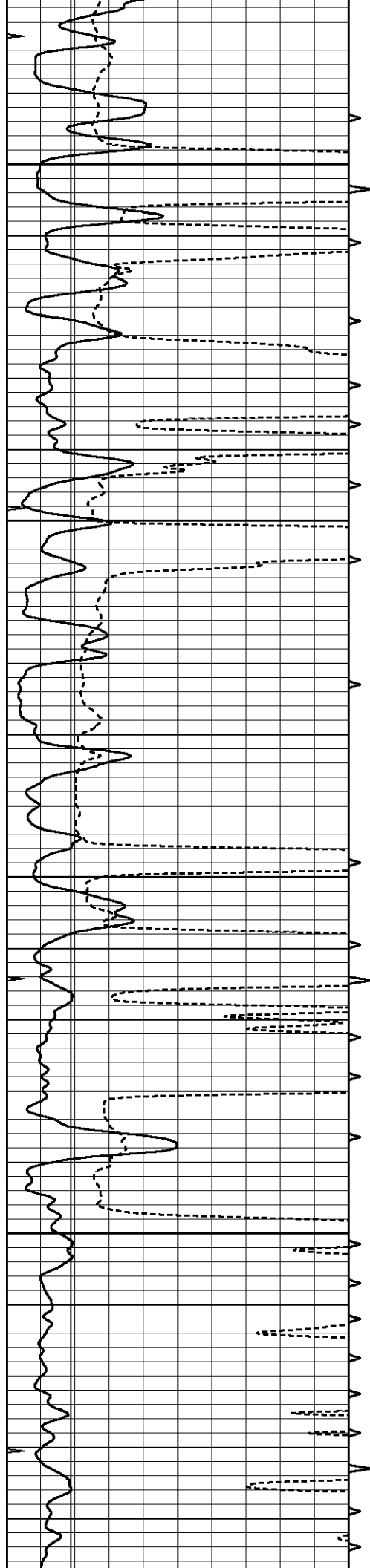
1550

1600







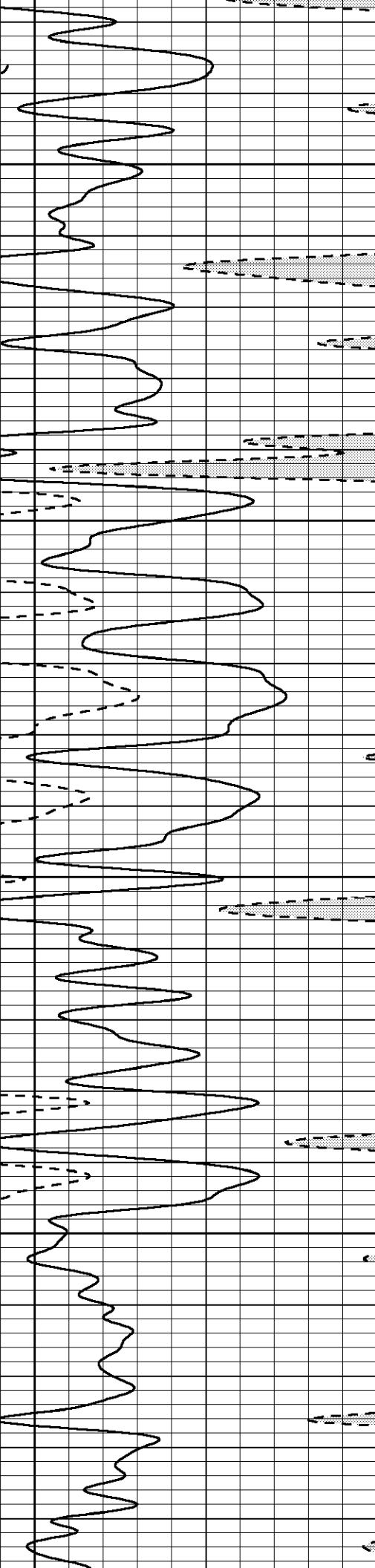
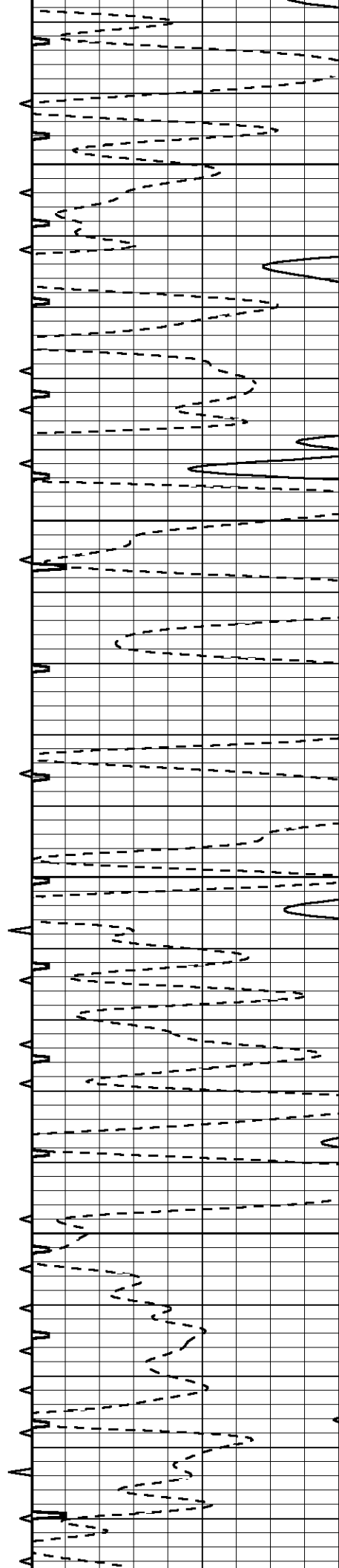


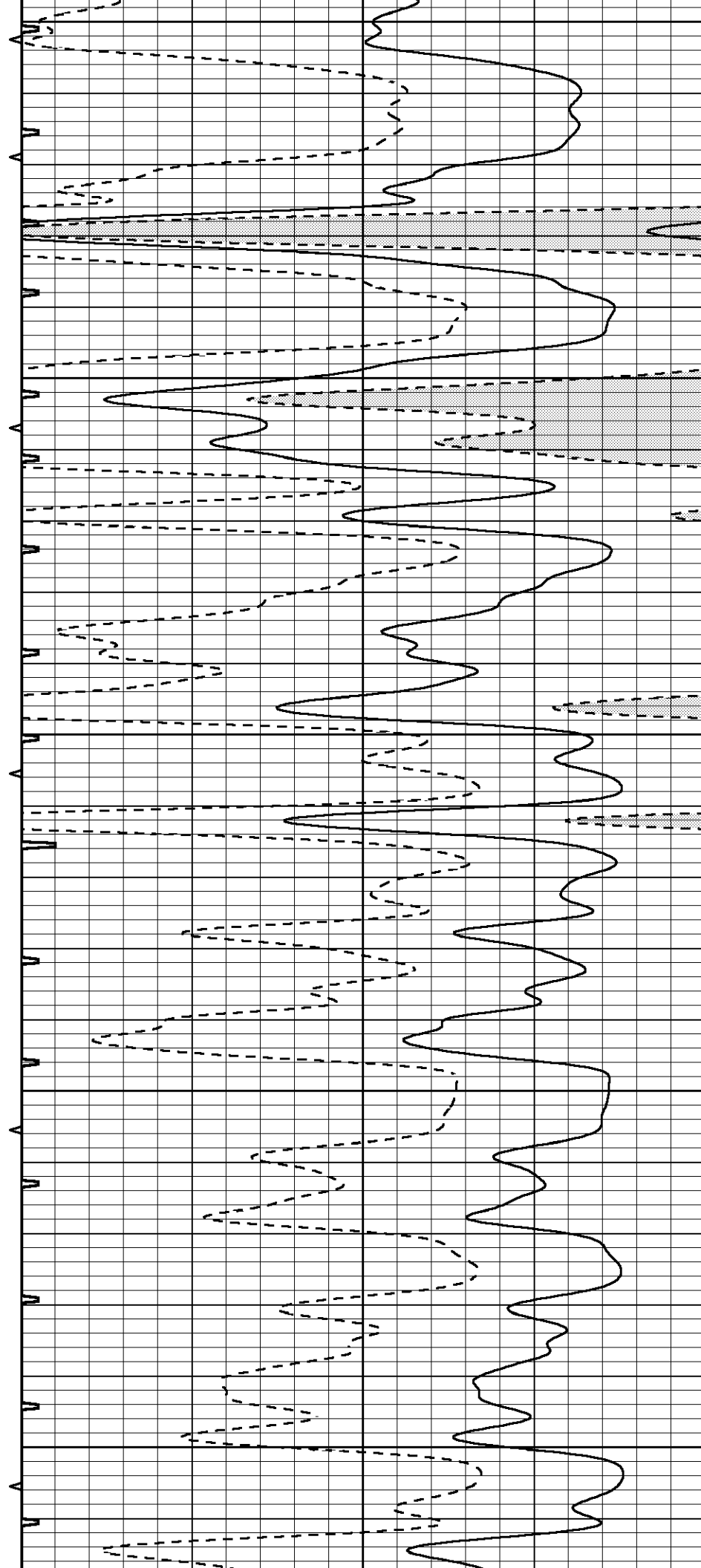
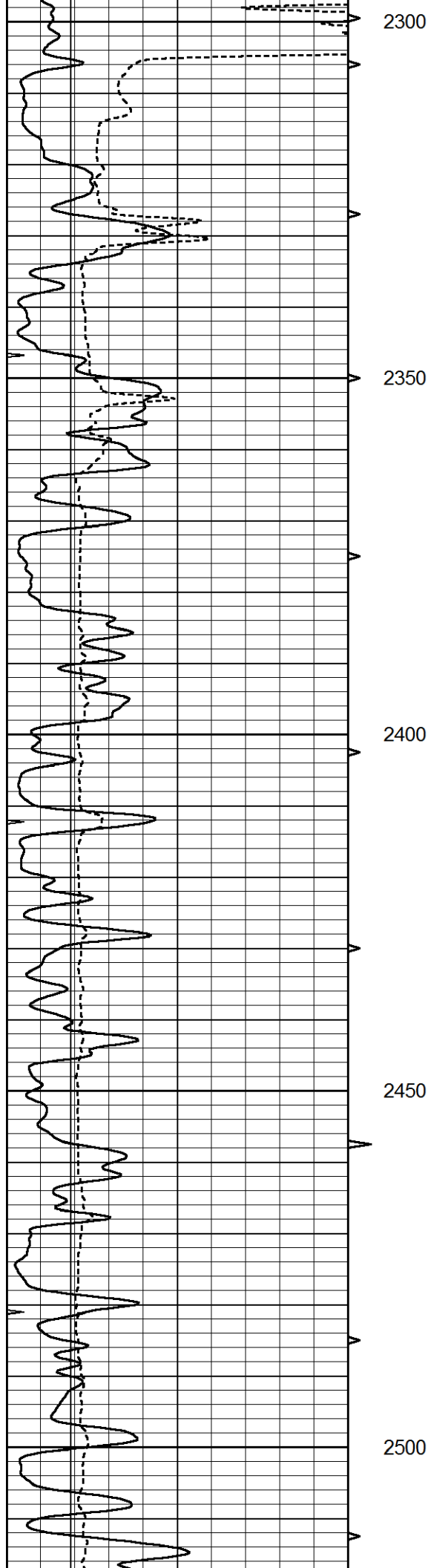
2100

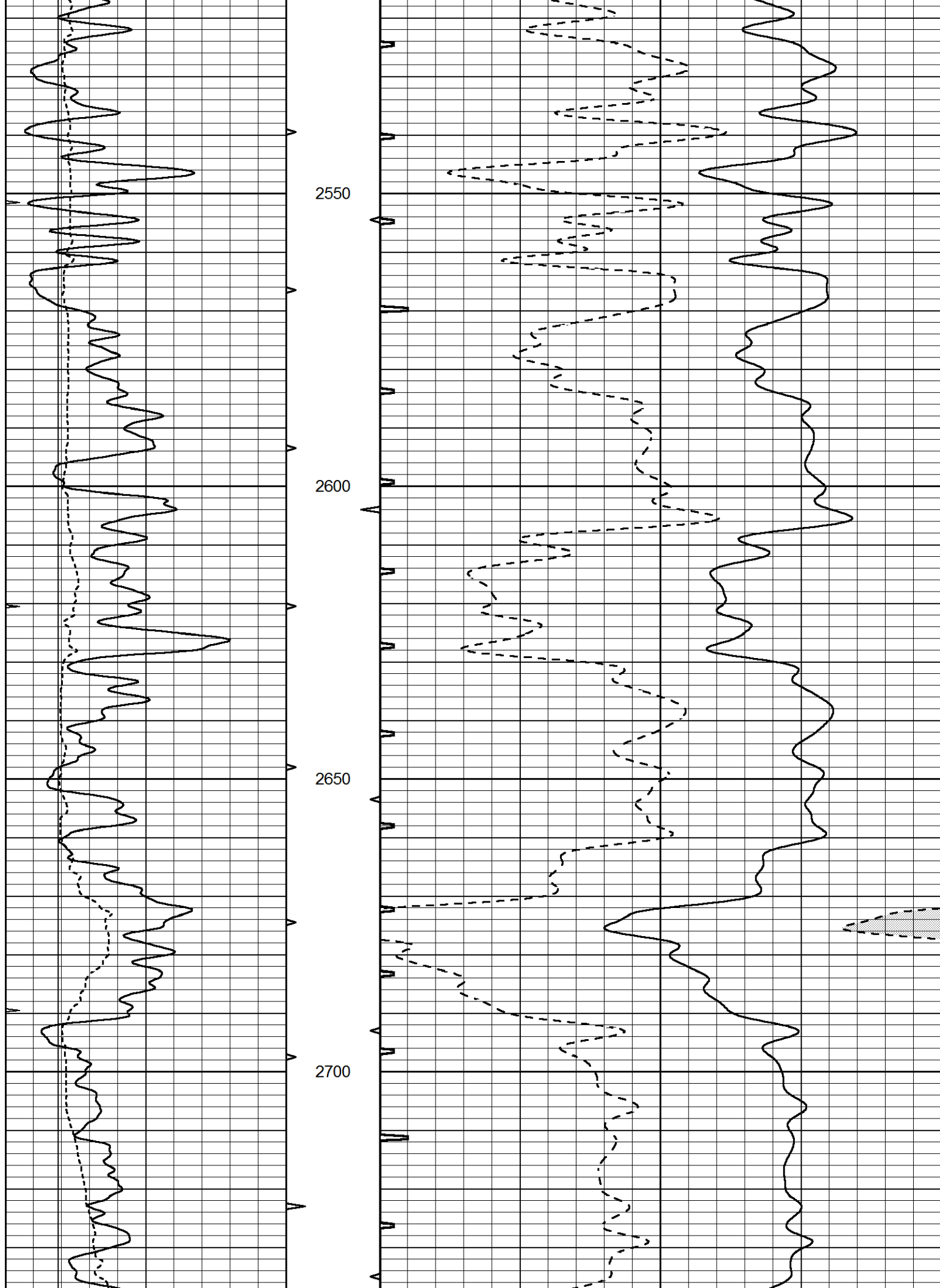
2150

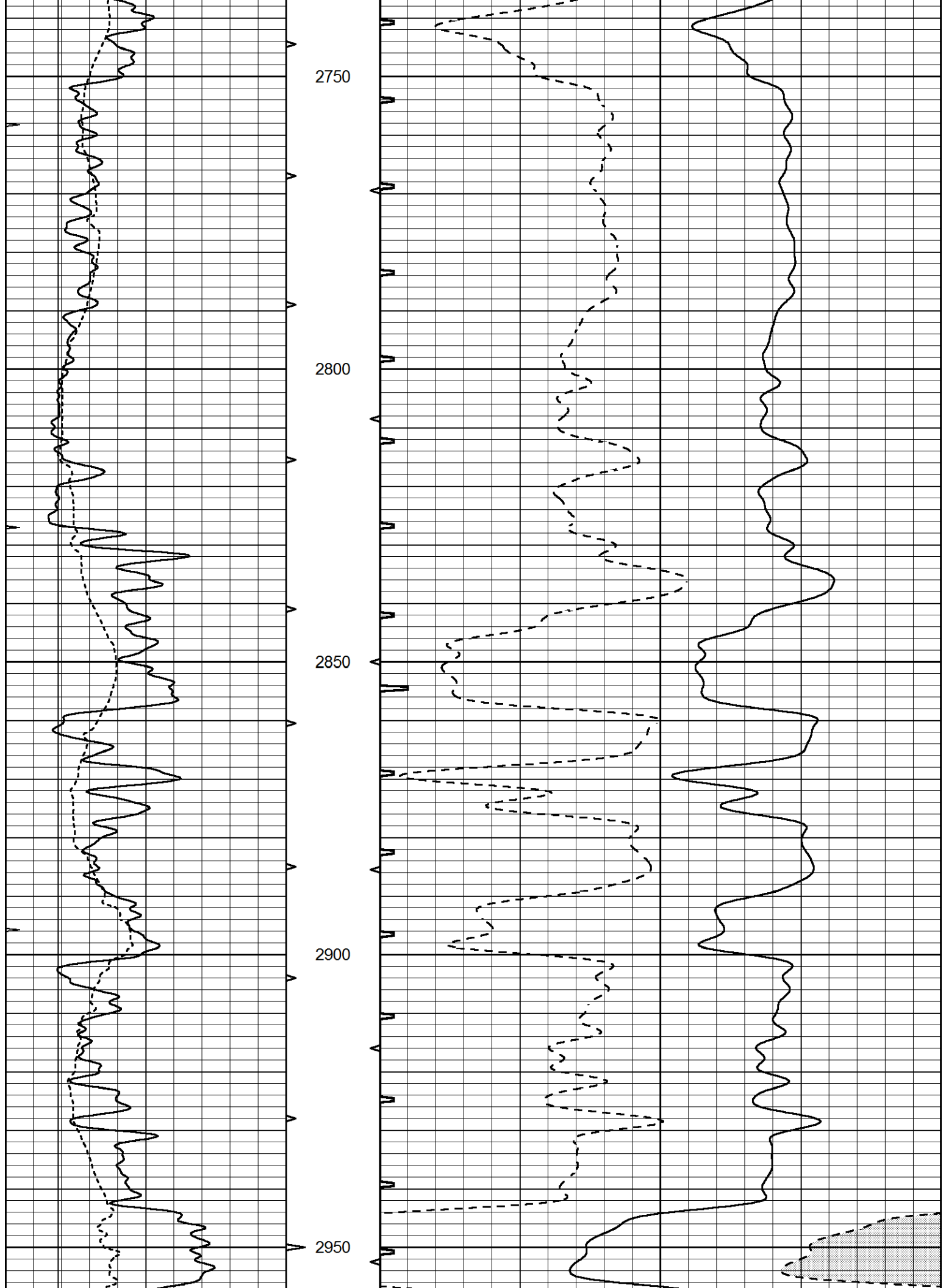
2200

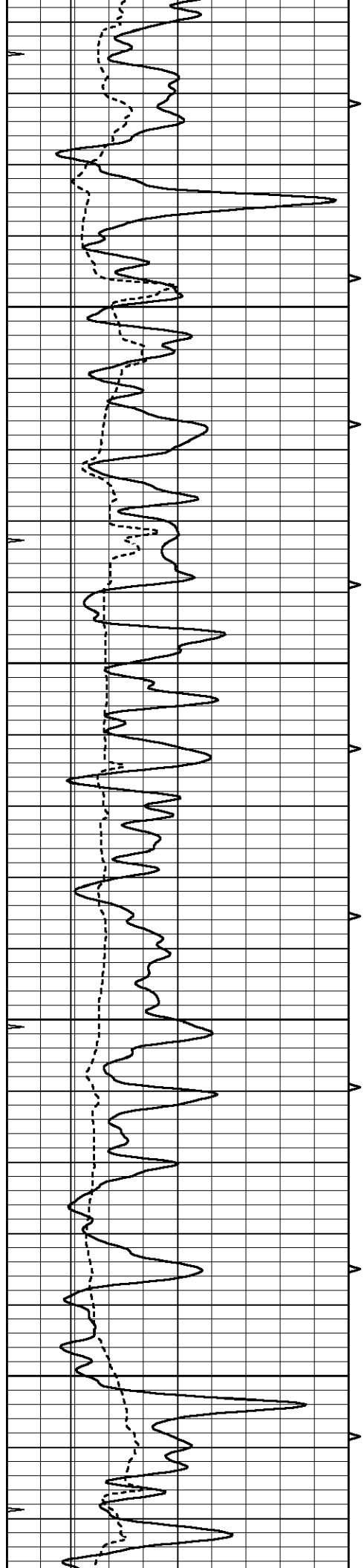
2250









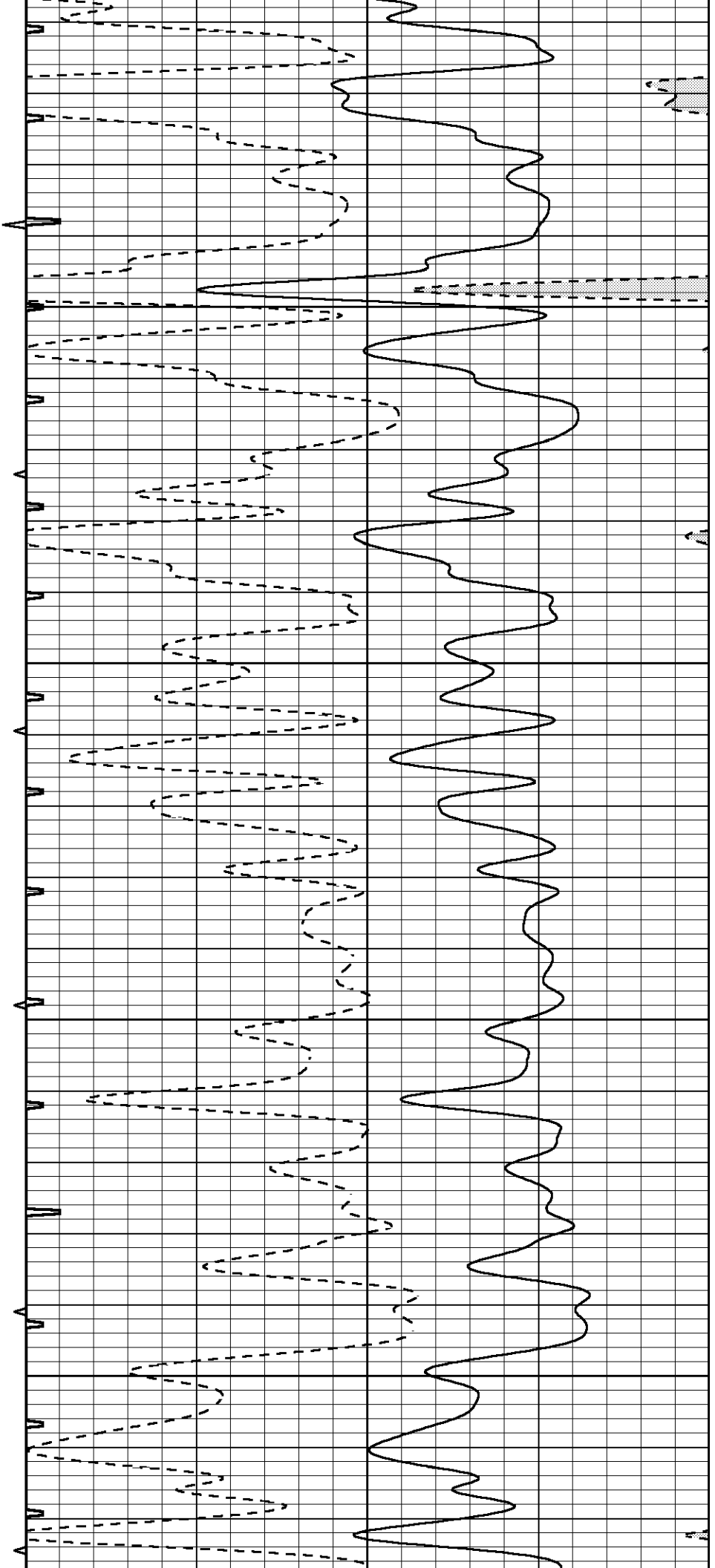


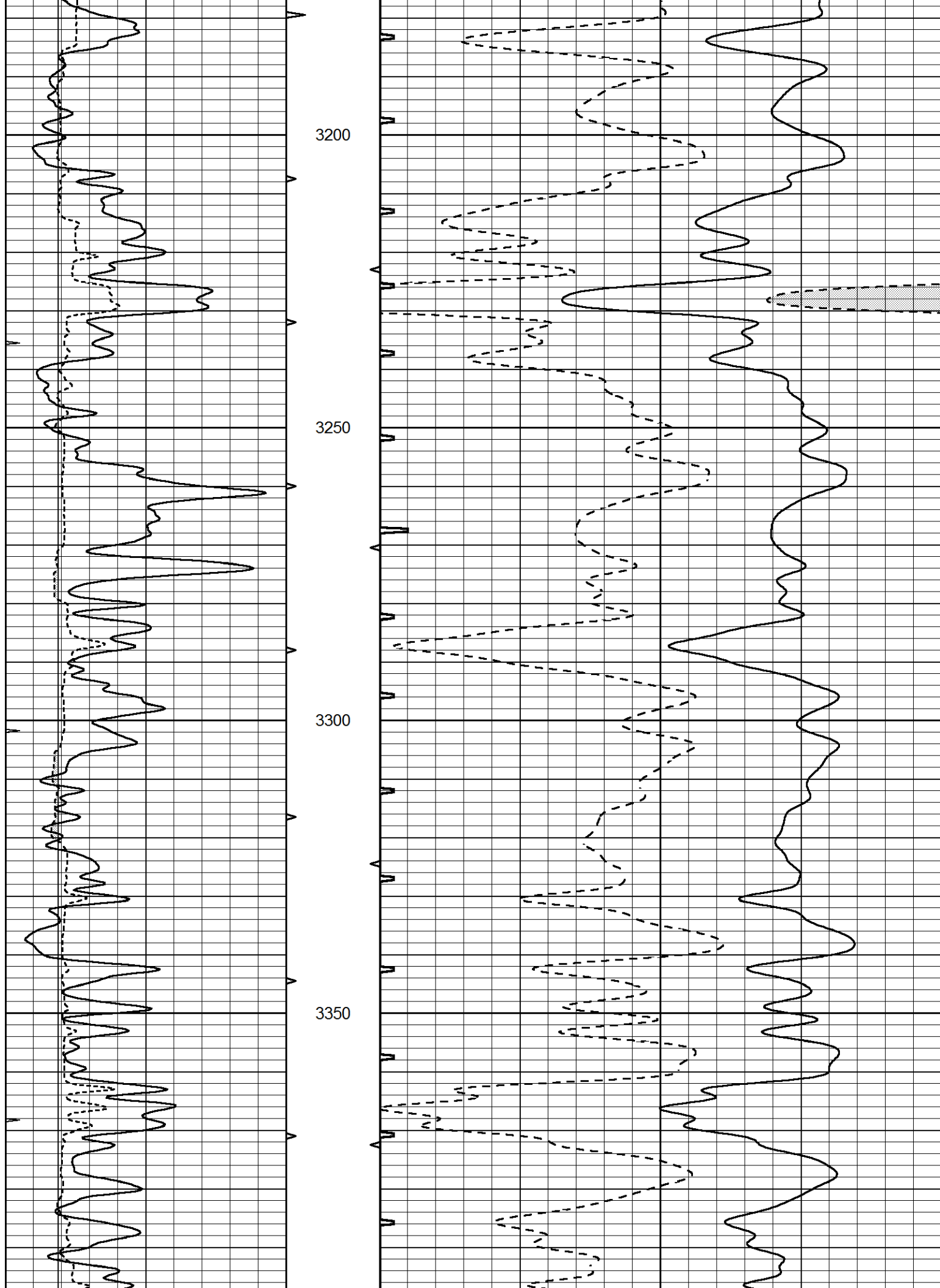
3000

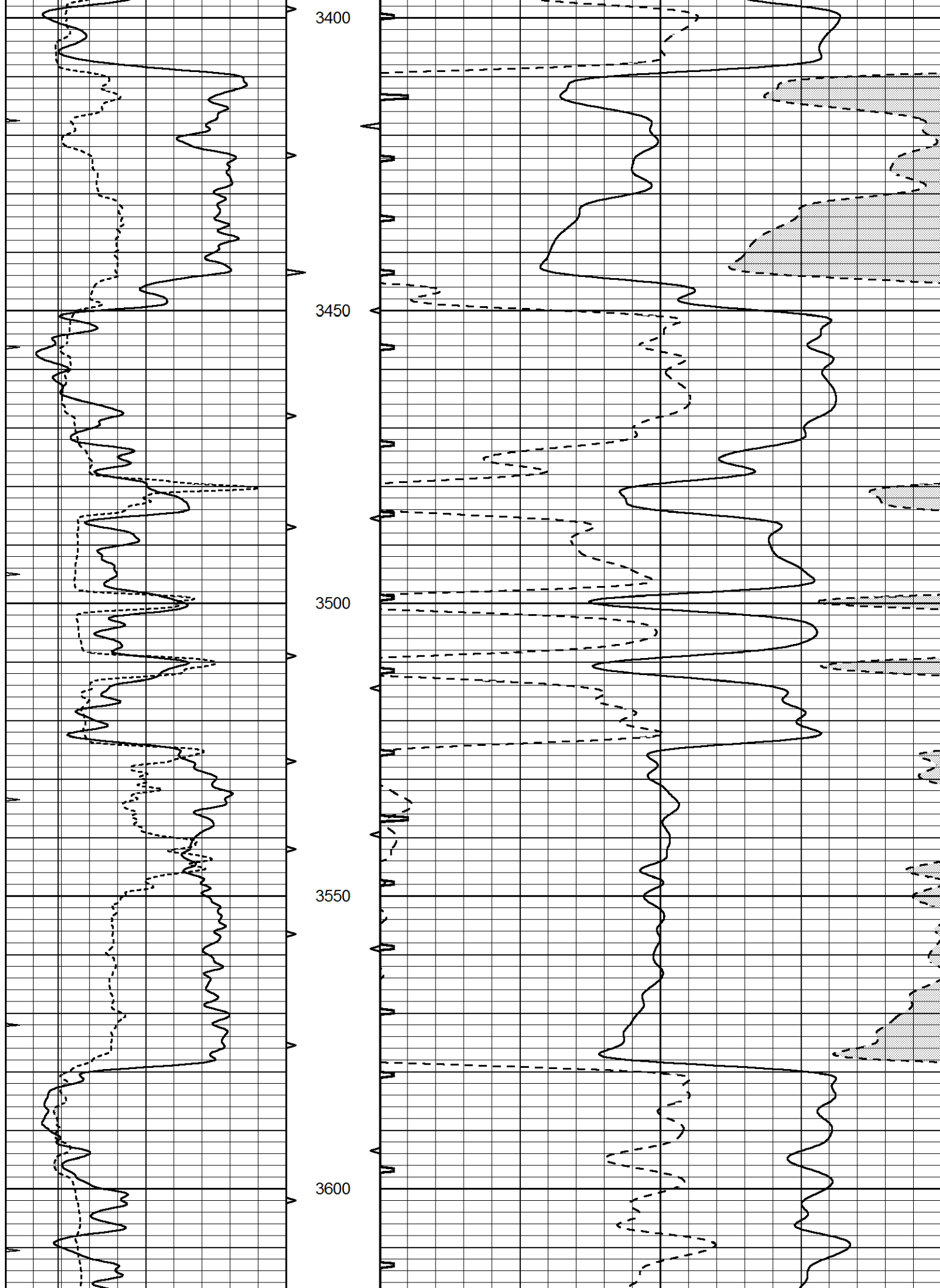
3050

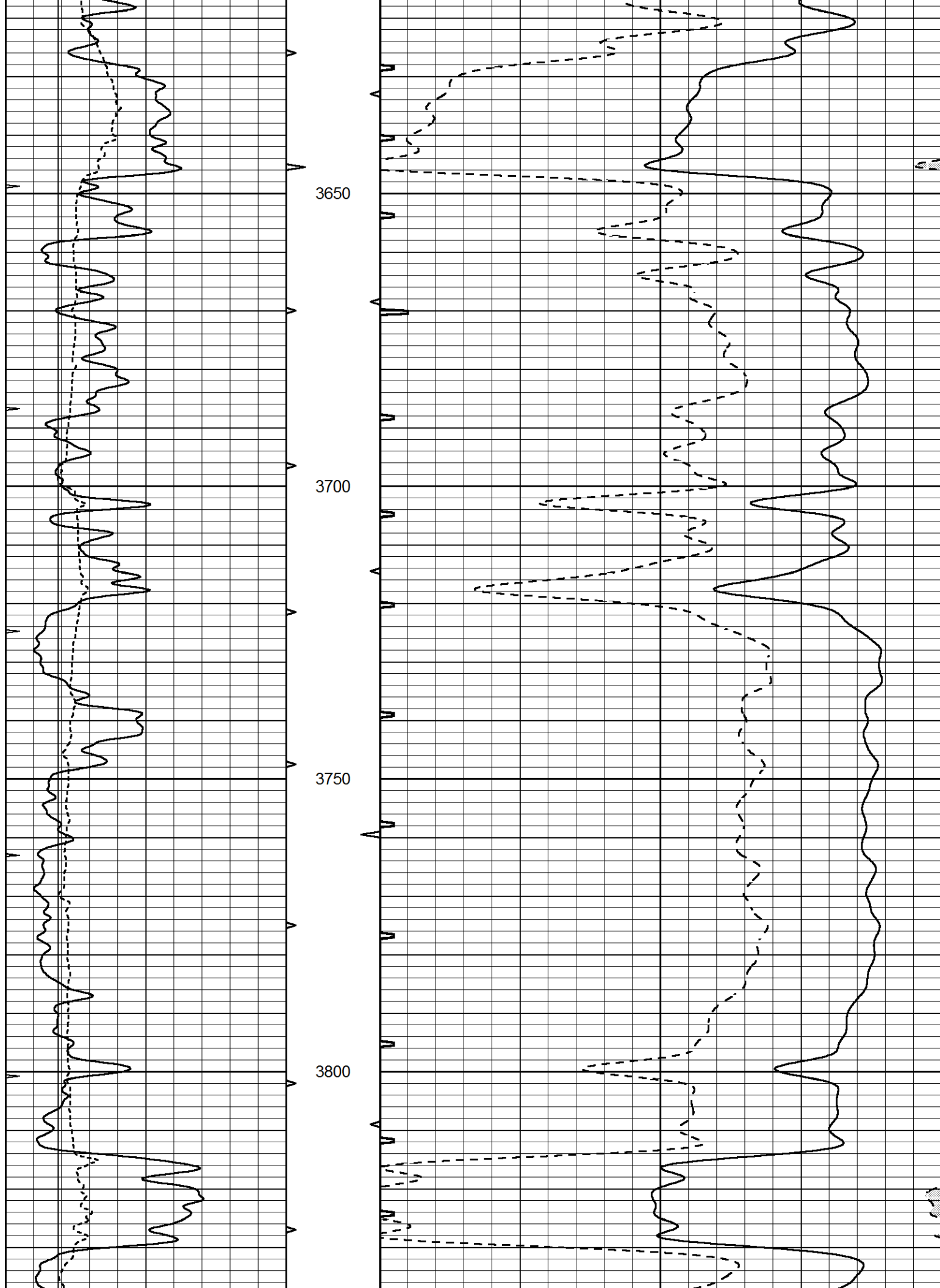
3100

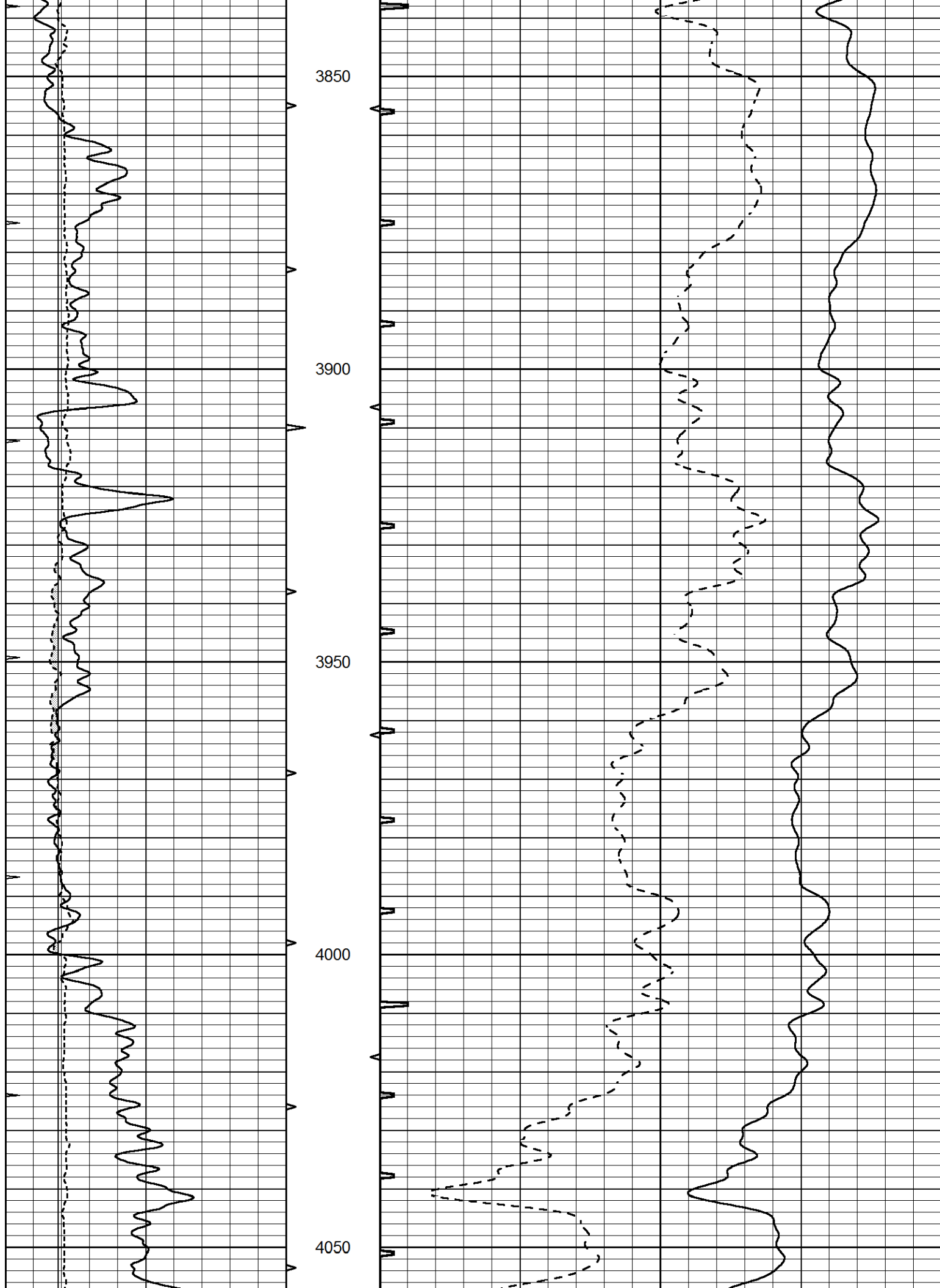
3150

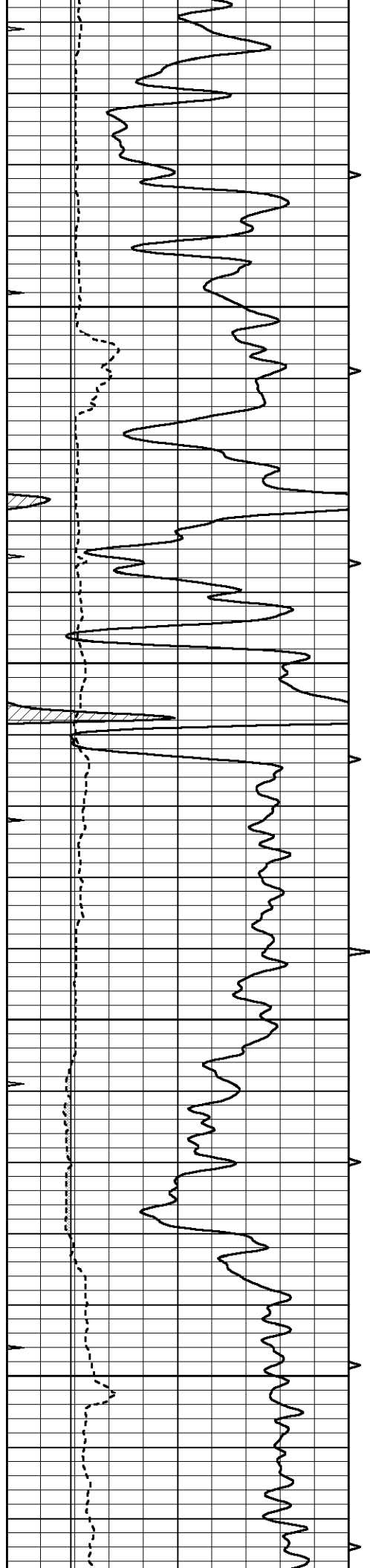










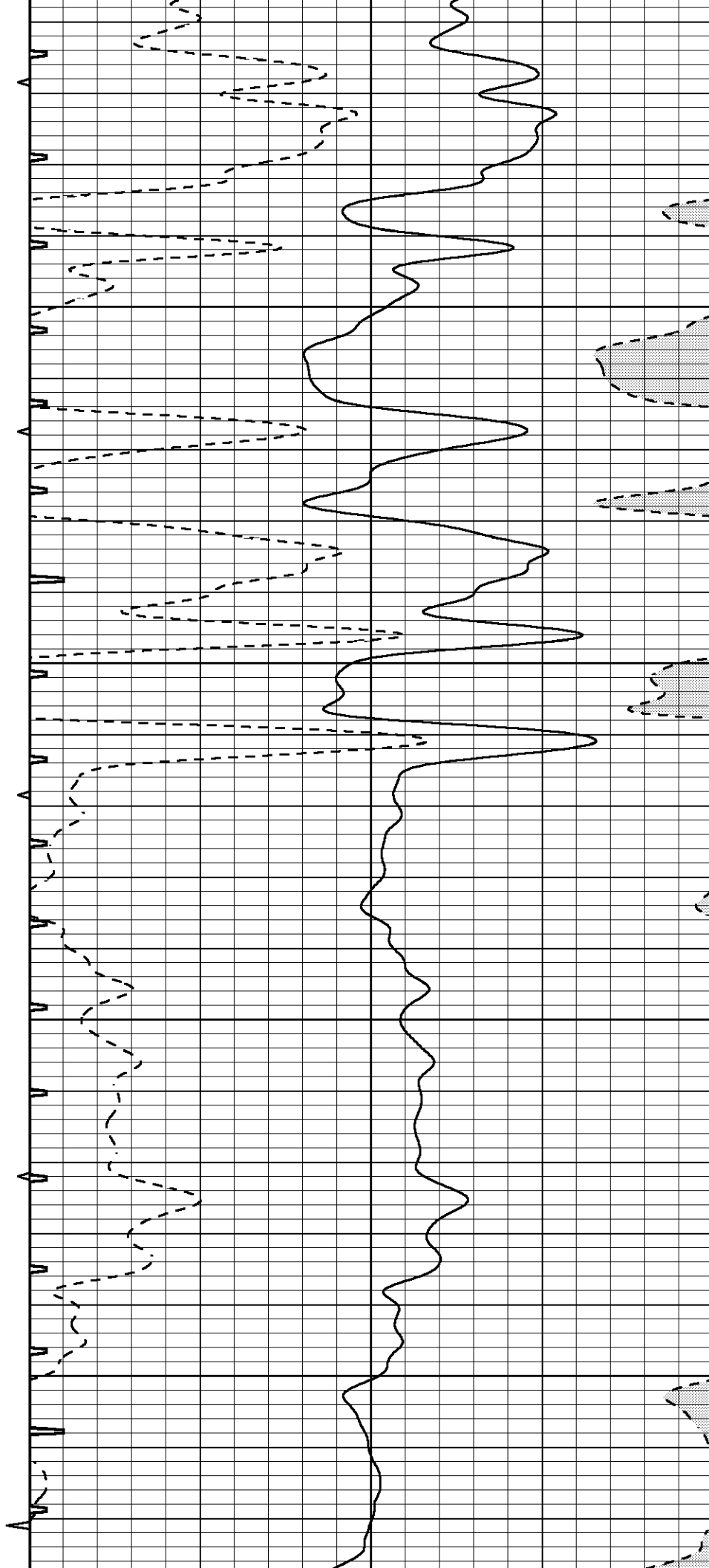


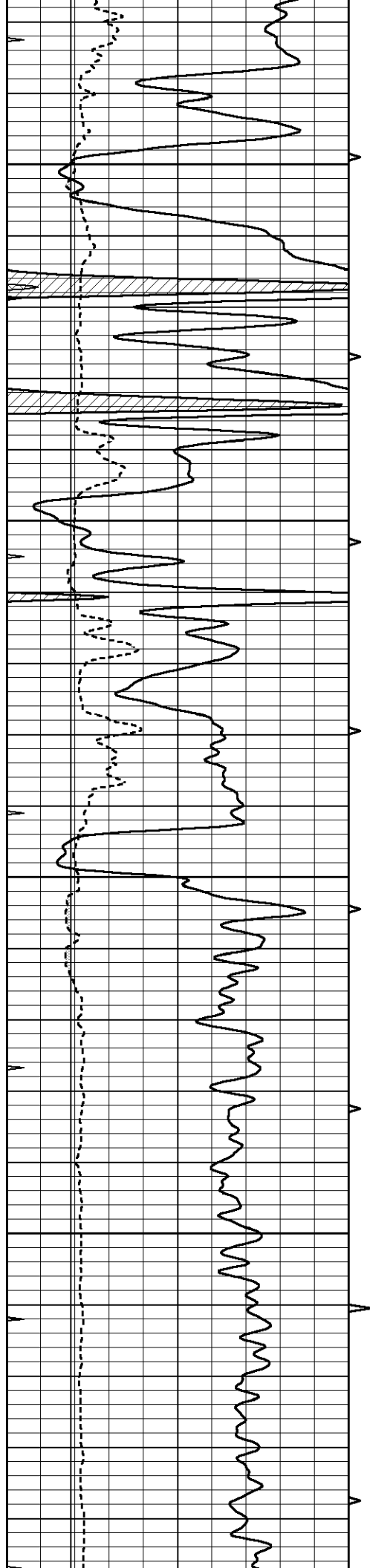
4100

4150

4200

4250



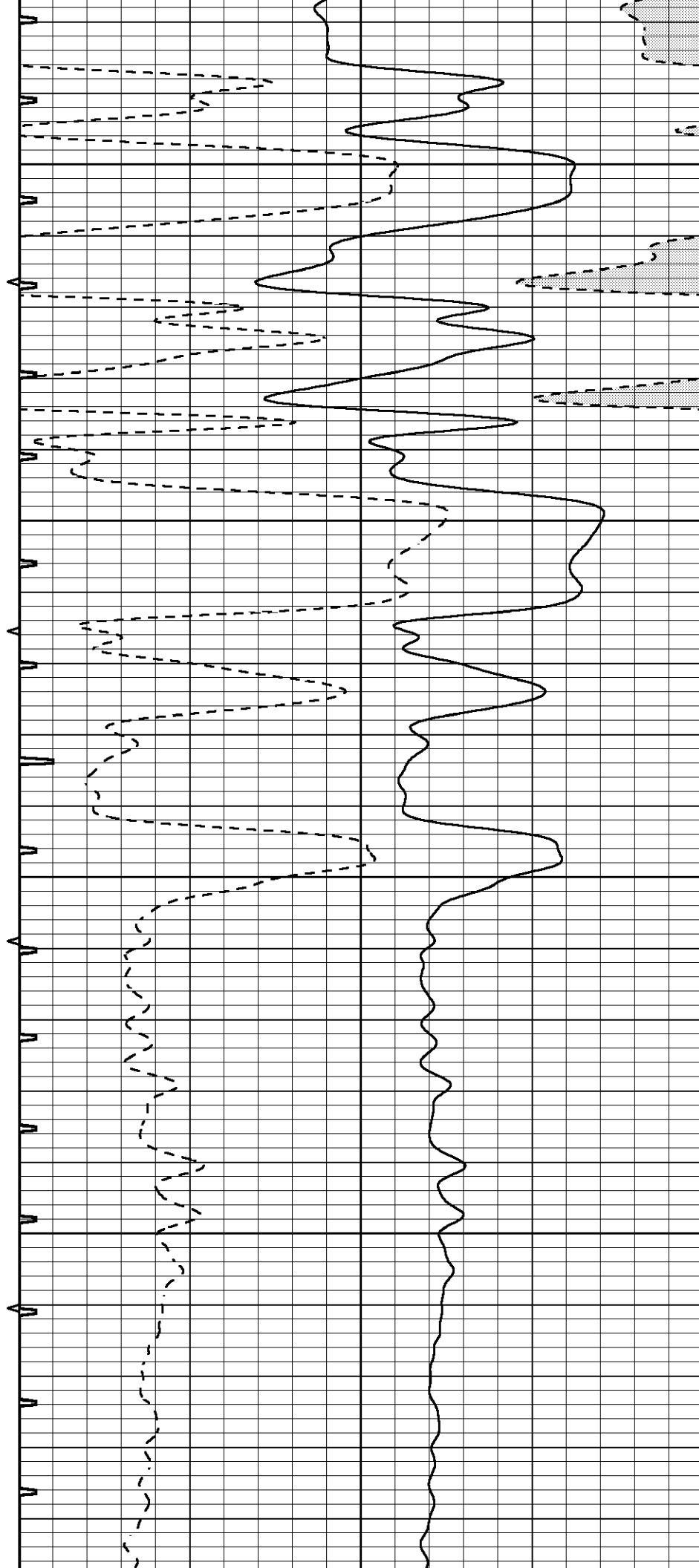


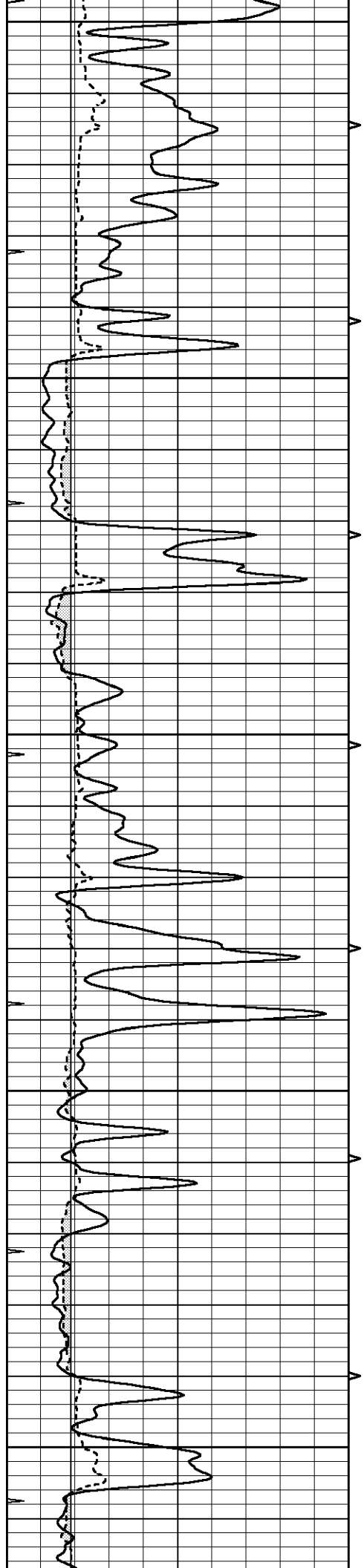
4300

4350

4400

4450





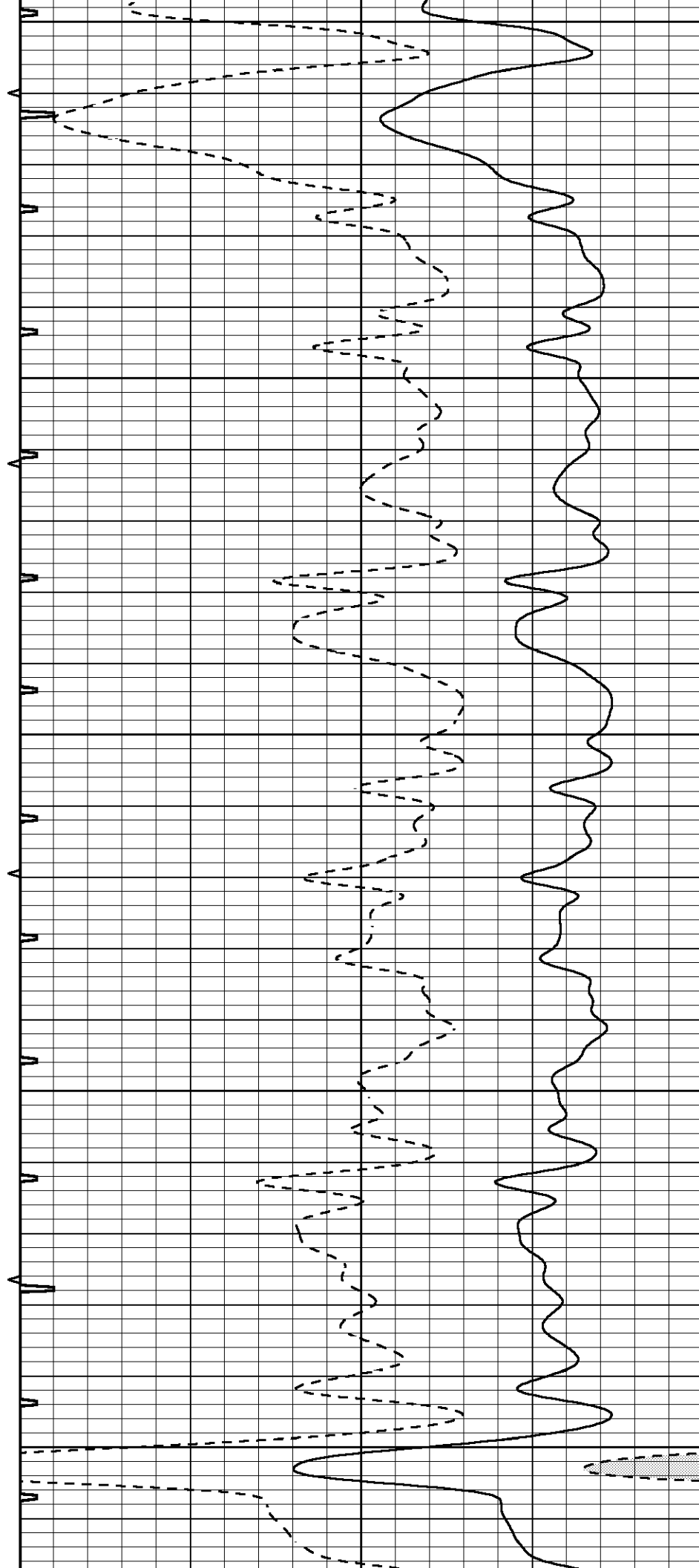
4500

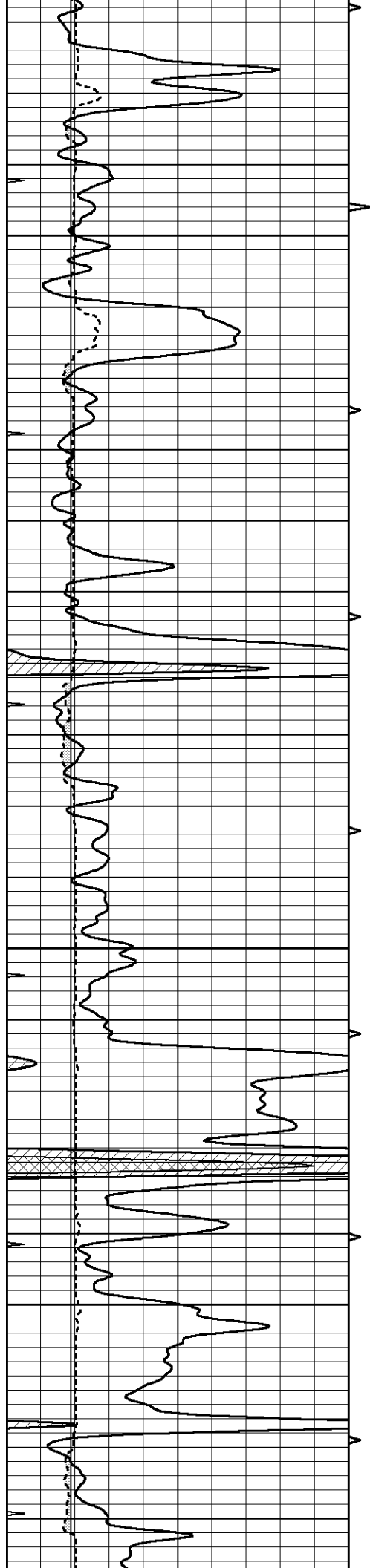
4550

4600

4650

4700



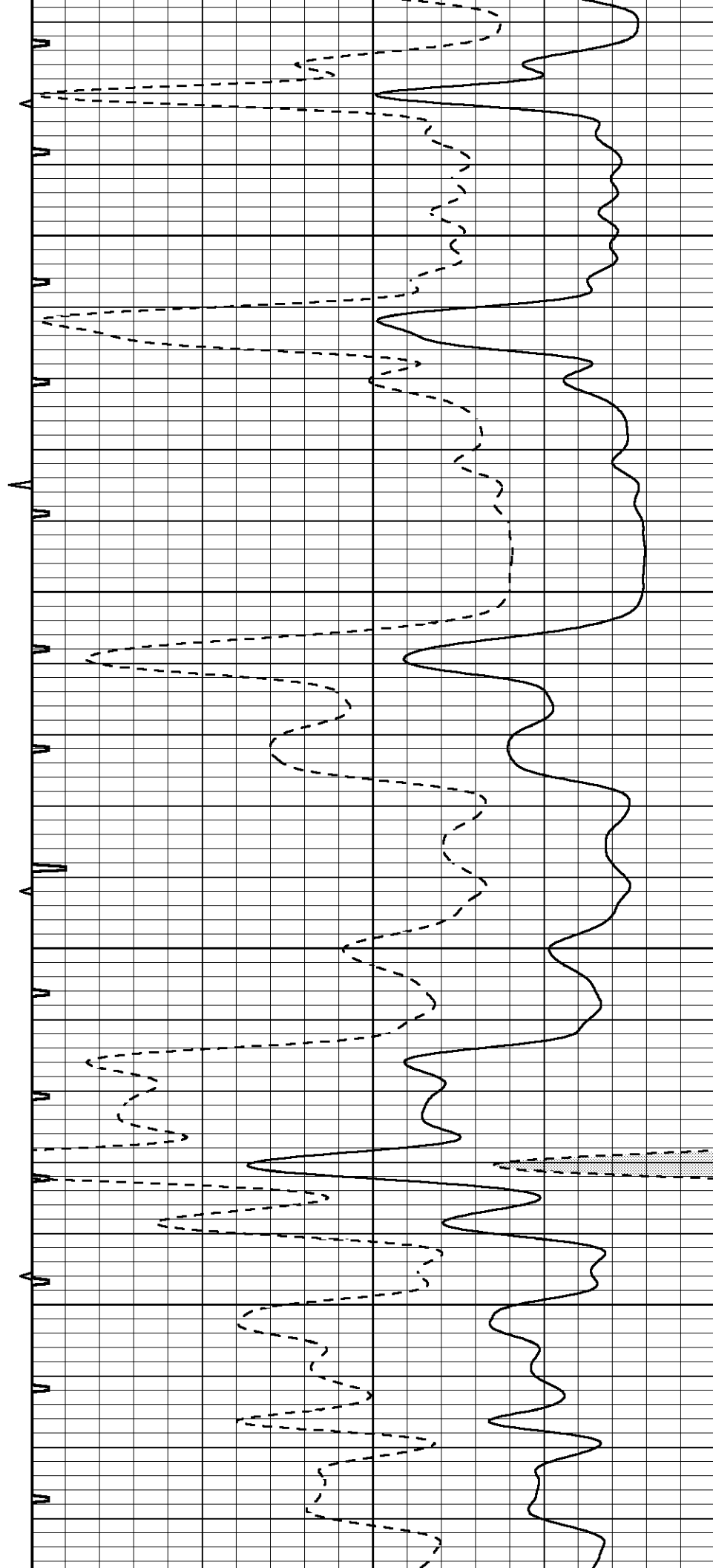


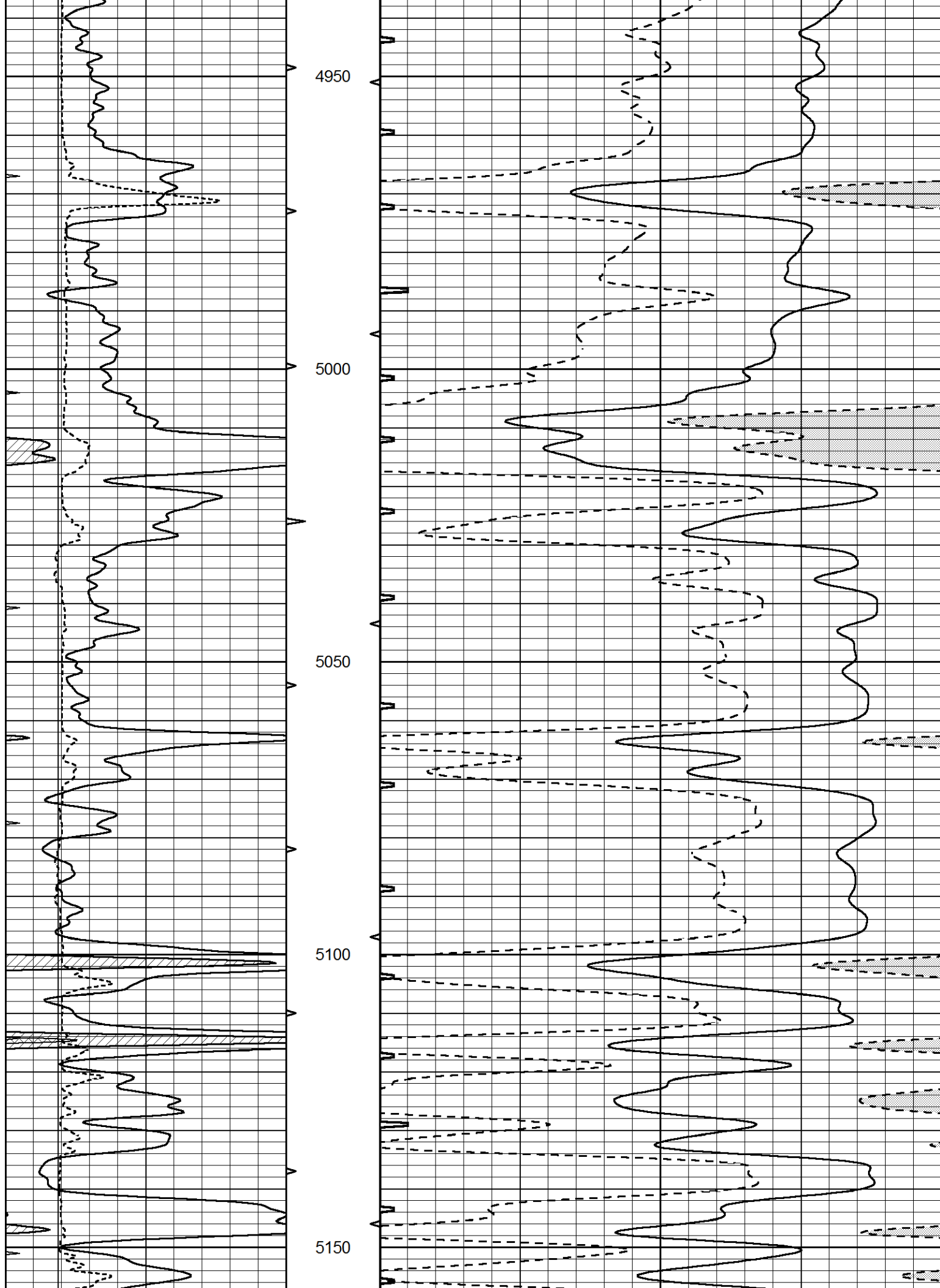
4750

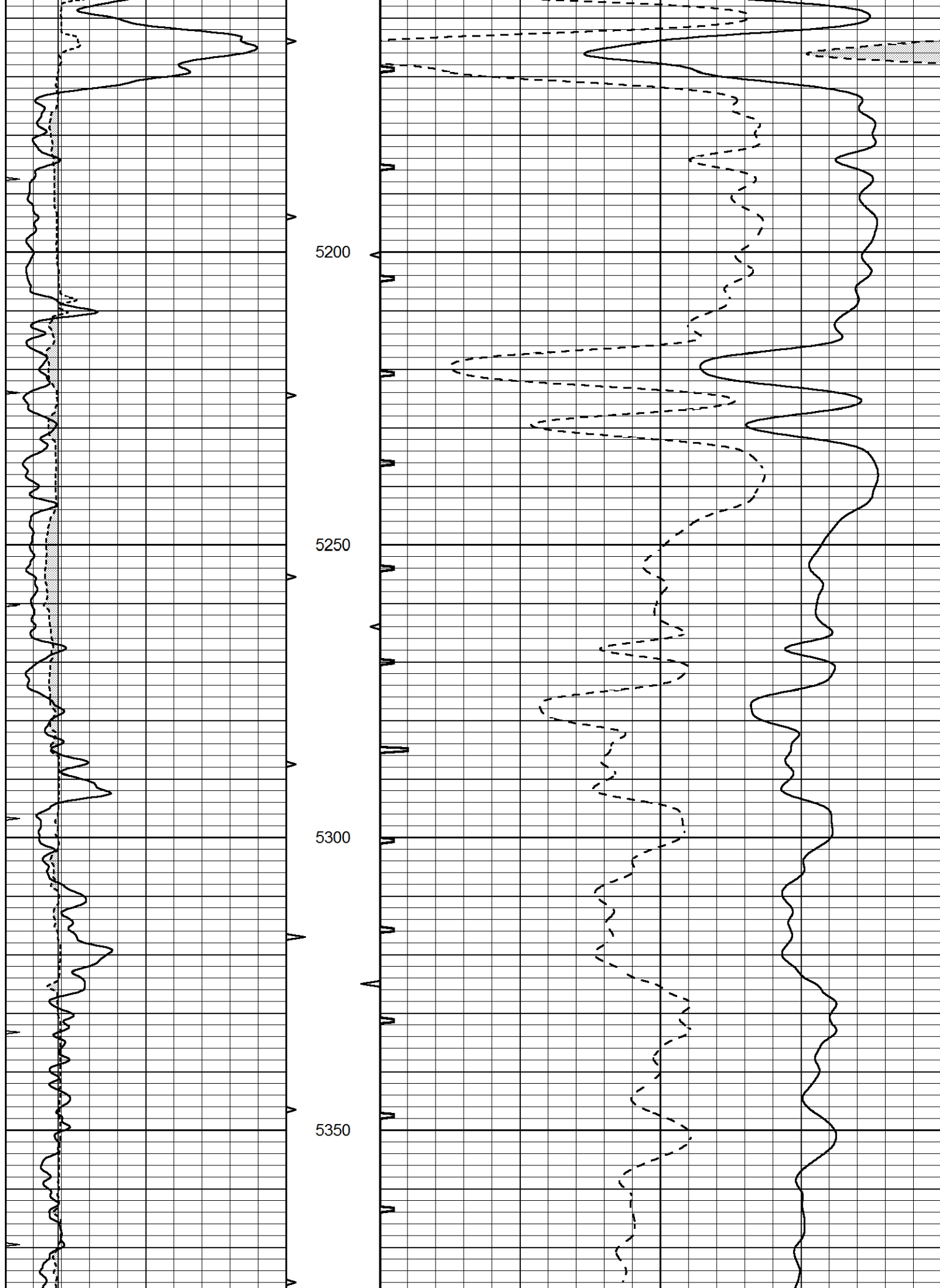
4800

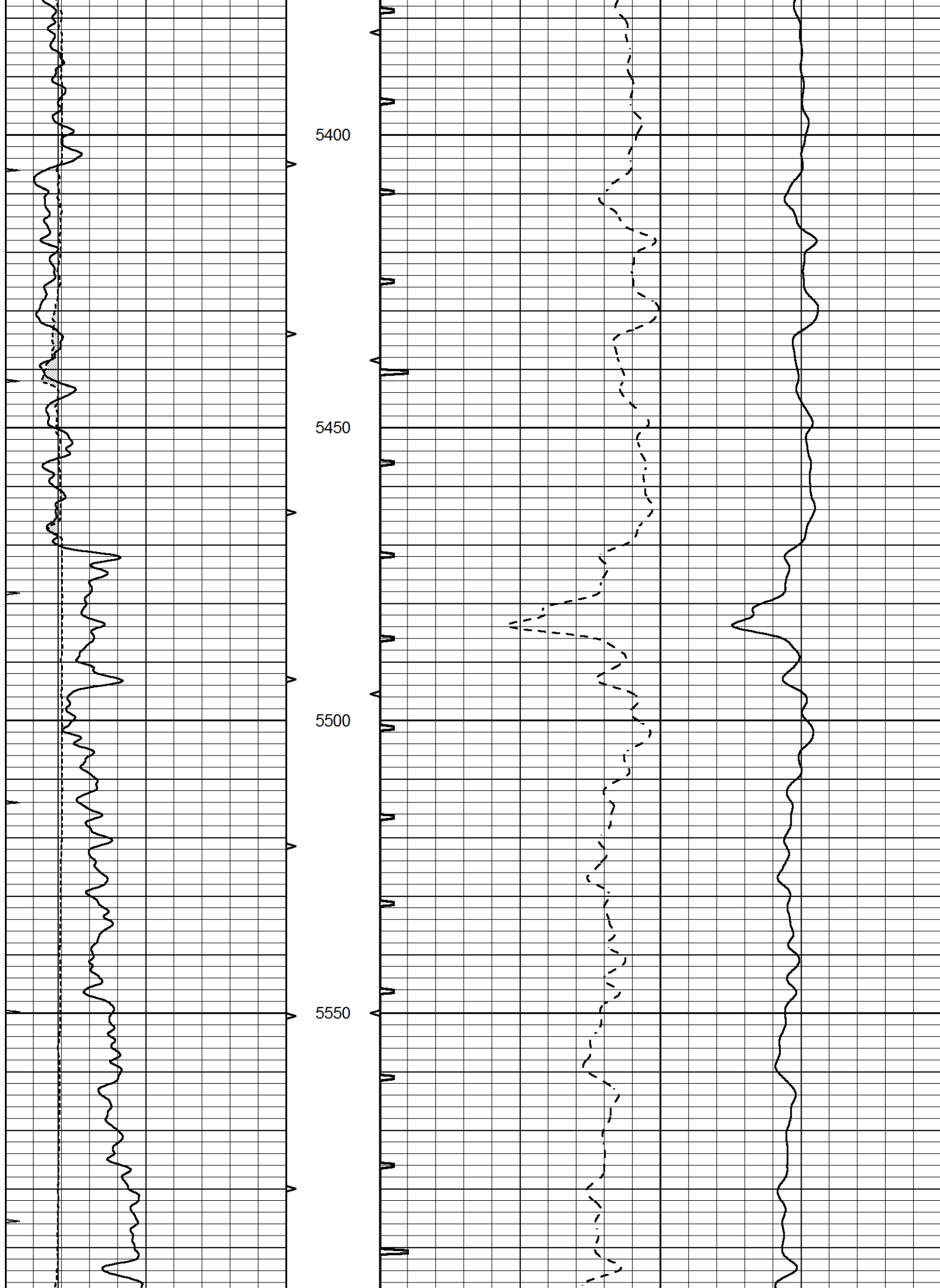
4850

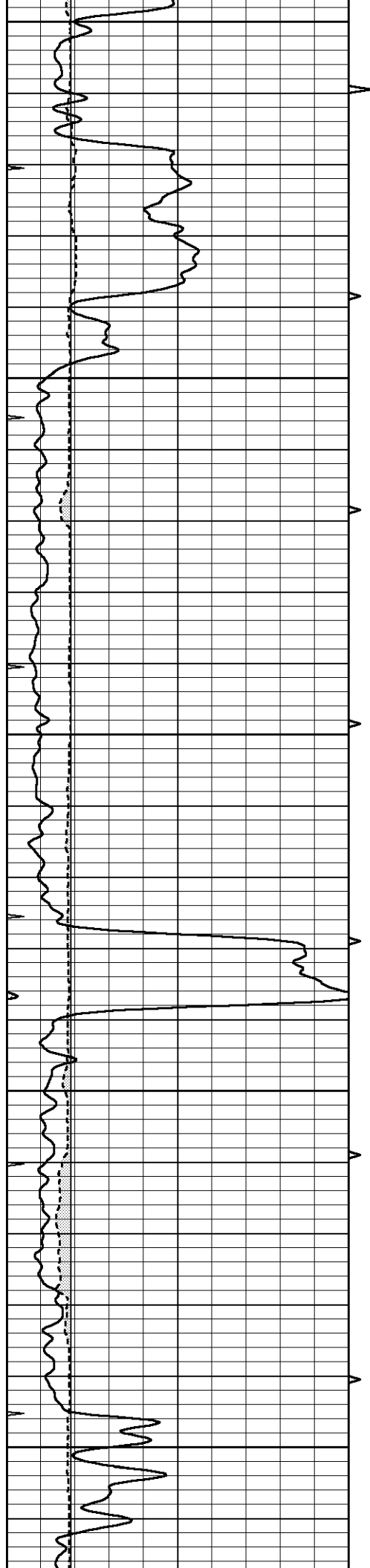
4900











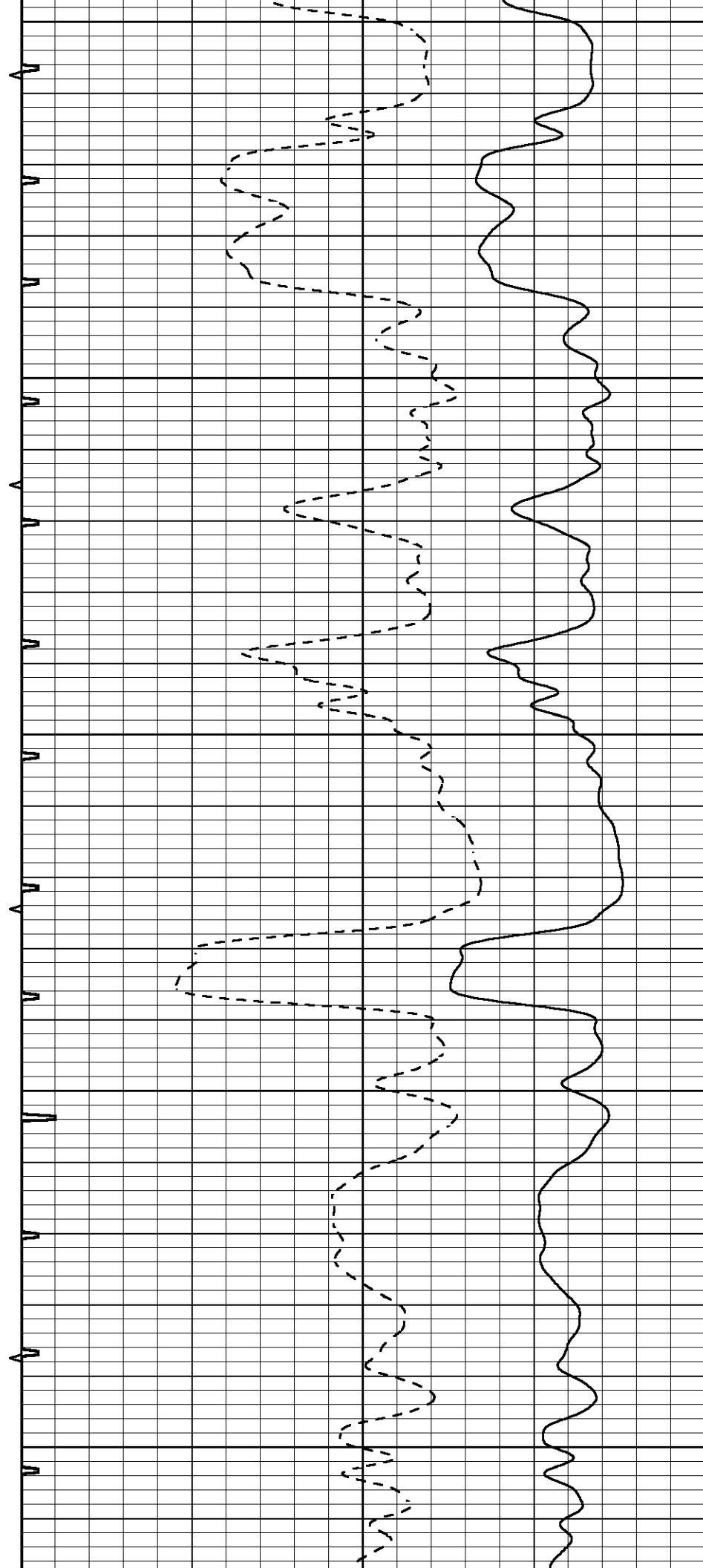
5600

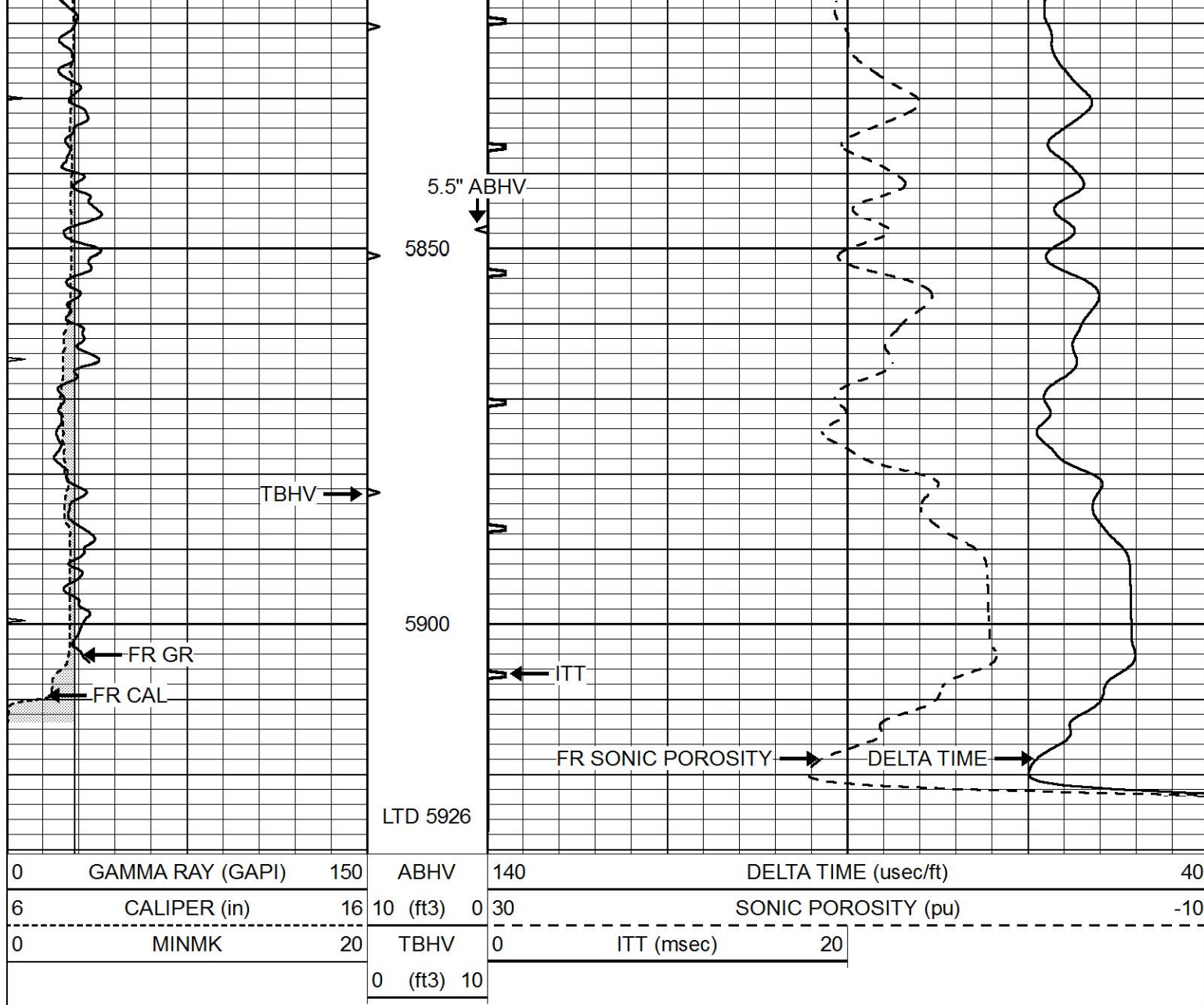
5650

5700

5750

5800

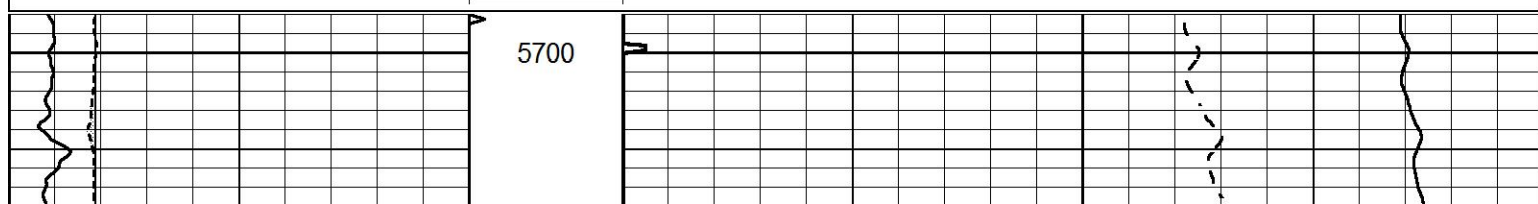


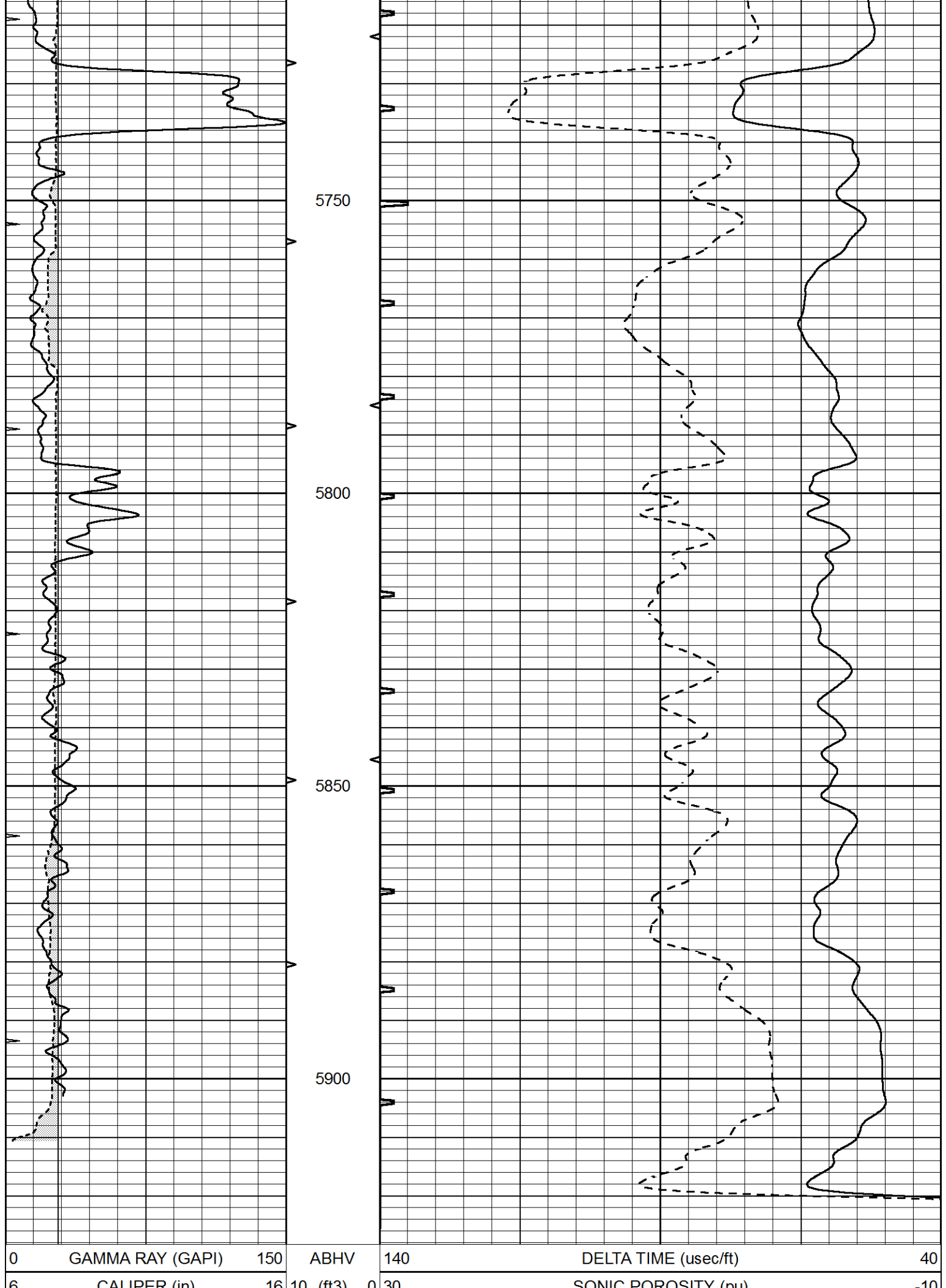


REPEAT SECTION

Database File 6917pe.db
 Dataset Pathname pass5.1
 Presentation Format slt
 Dataset Creation Sat Sep 03 10:58:27 2022
 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			





0	CALIBER (in)	10	10 (ft3)	0	50	SONNET CROSSH (pa)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20	
			0 (ft3)	10			