



Borehole Compensated Sonic Log

DIGITAL LOG (785) 625-3858

API No.

15-025-21514-00-00

Company MIDCO Exploration, Inc.

Well Theis No. 5-19

Field Cash City South

County Clark State Kansas

Location

SW NE NE NE
370' FNL & 340' FEL

Other Services
CNL / CDL
MEL / DIL

Sec: 19 Twp: 33S Rge: 25W

Permanent Datum Ground Level Elevation 2092
Log Measured From Kelly Bushing 12 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date 9/14/2010

Run Number Two

Type Log BHC Sonic

Depth Driller 7610

Depth Logger 7603

Bottom Logged Interval 7602

Top Logged Interval 850

Type Fluid In Hole Chemical

Salinity, PPM CL 6900

Density 9.3

Level Full

Max. Rec. Temp. F 154

Operating Rig Time 8 Hours

Equipment -- Location 17 Days

Recorded By R. Barnhart

Witnessed By Dave Mayfield

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	882	8.625	24#	00	882
2	7.875	882	7610				

<<< 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.

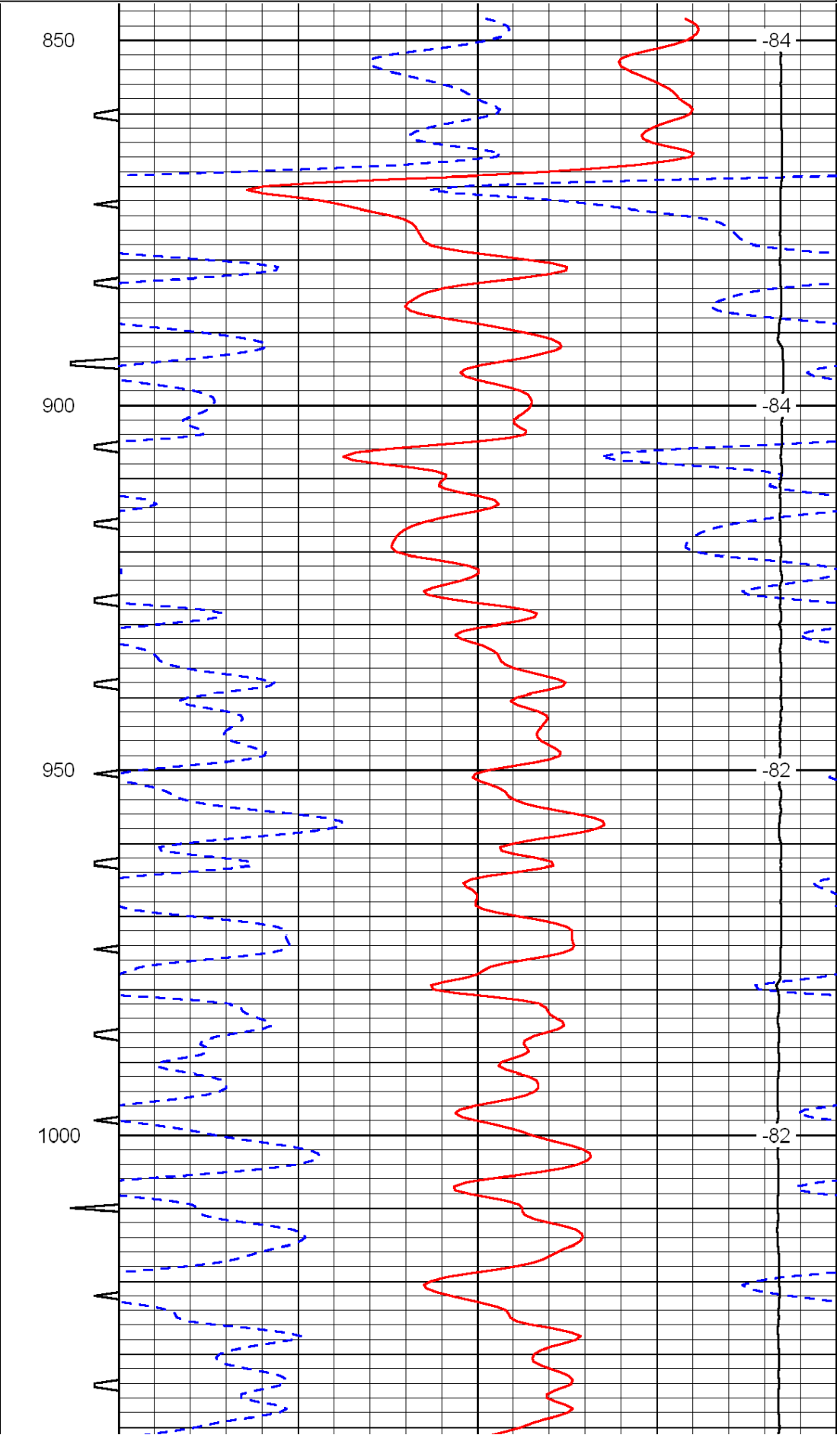
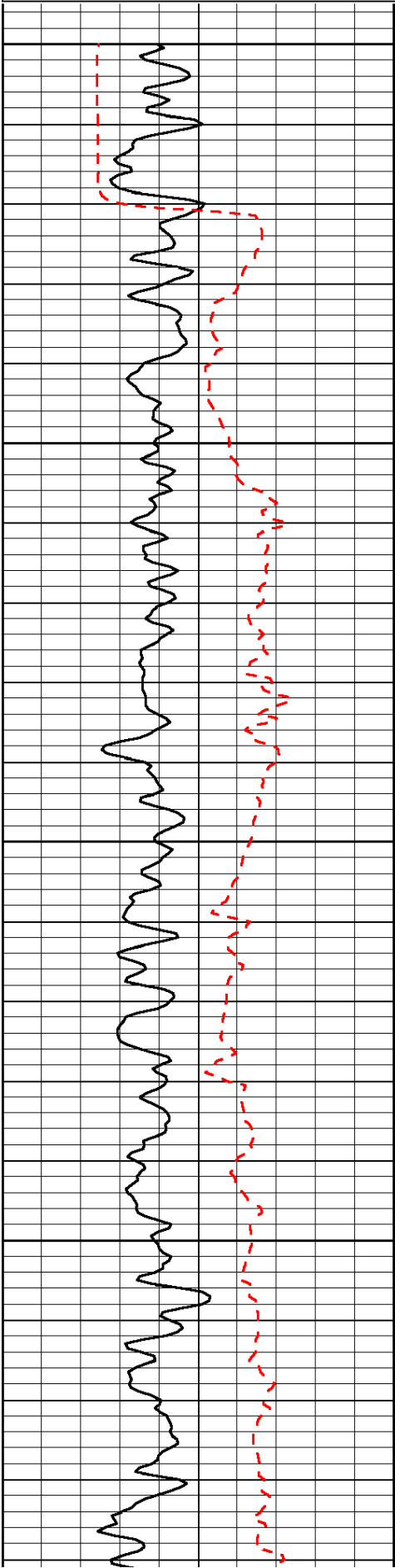
Comments

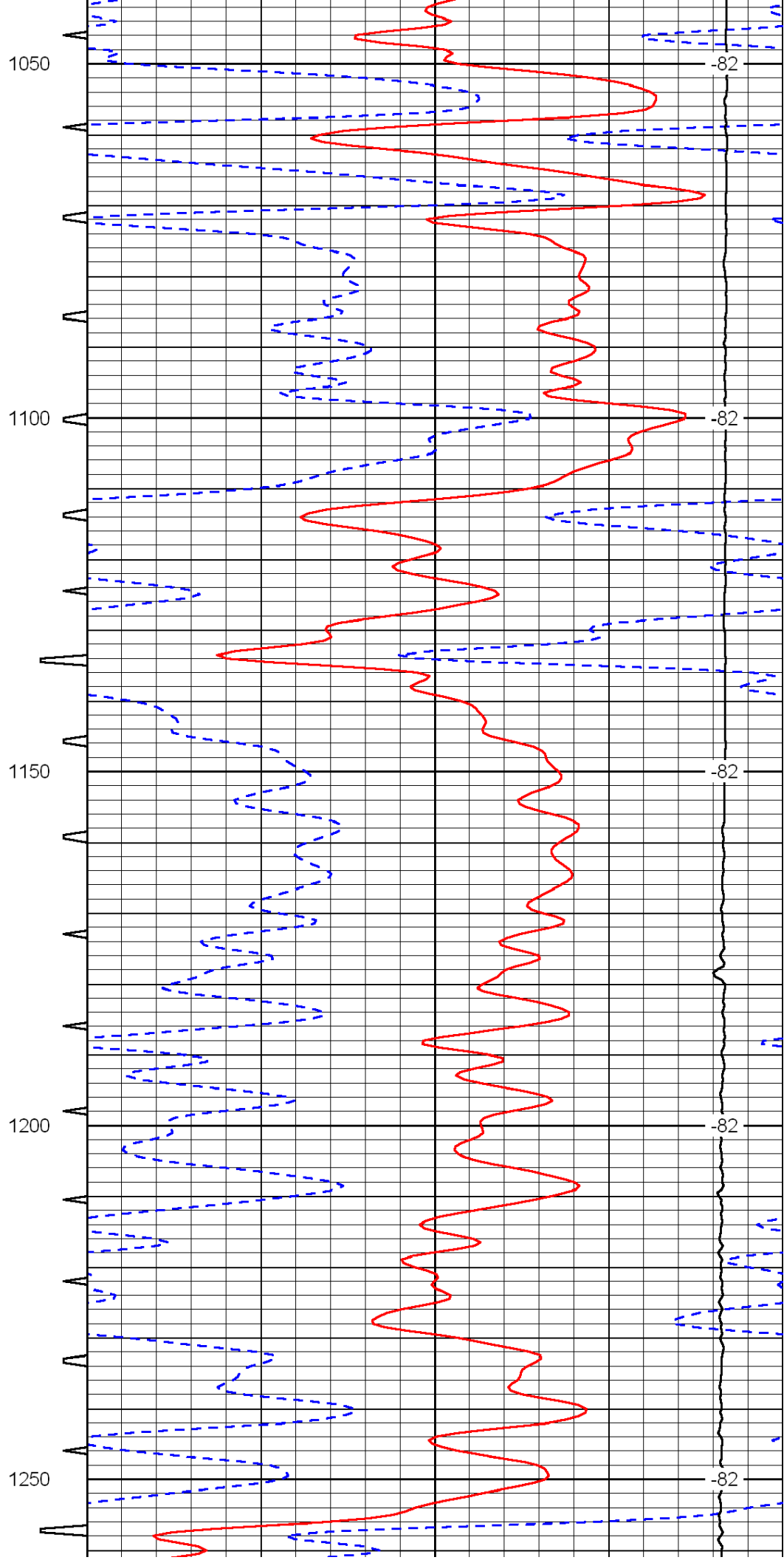
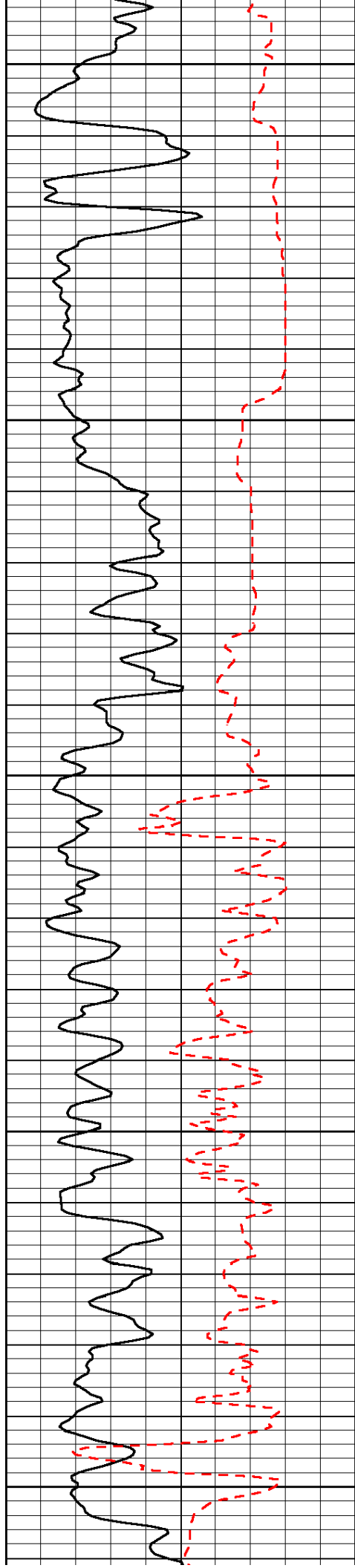
Thank you for using Log-Tech, Inc.
(785) 625-3858

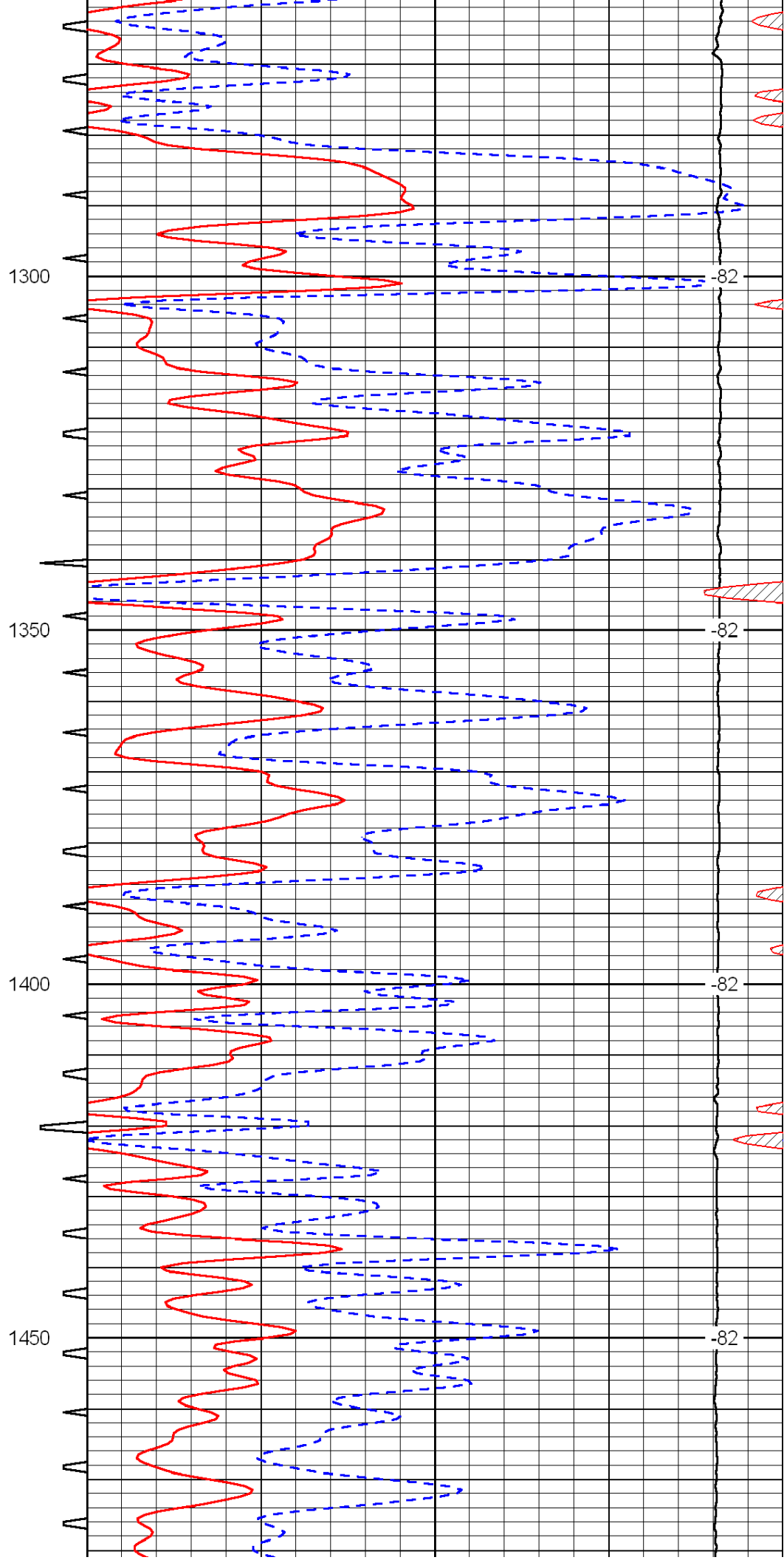
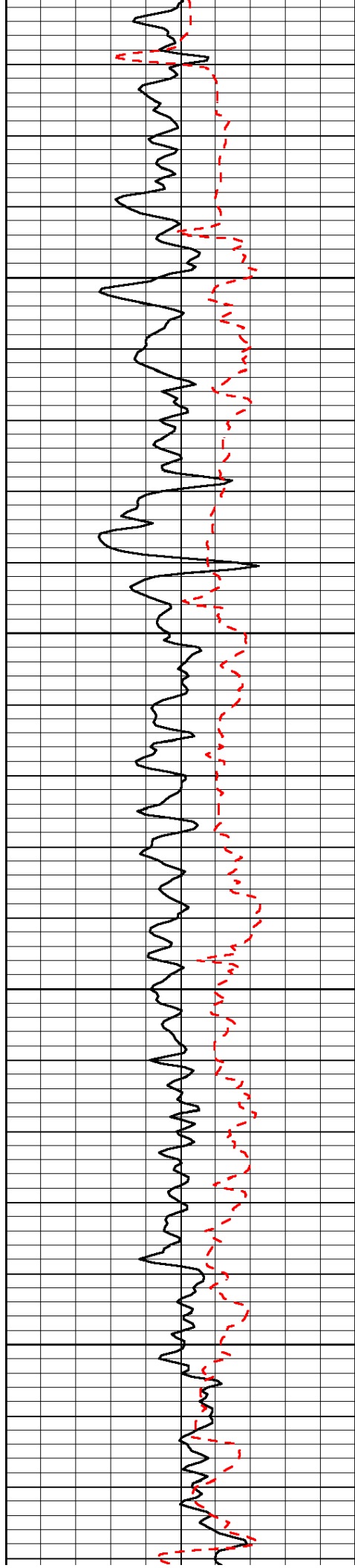
Ashland, KS East to Junc.283 / 160,
1S, 6.2W, S past 2nd CG, East till N to site

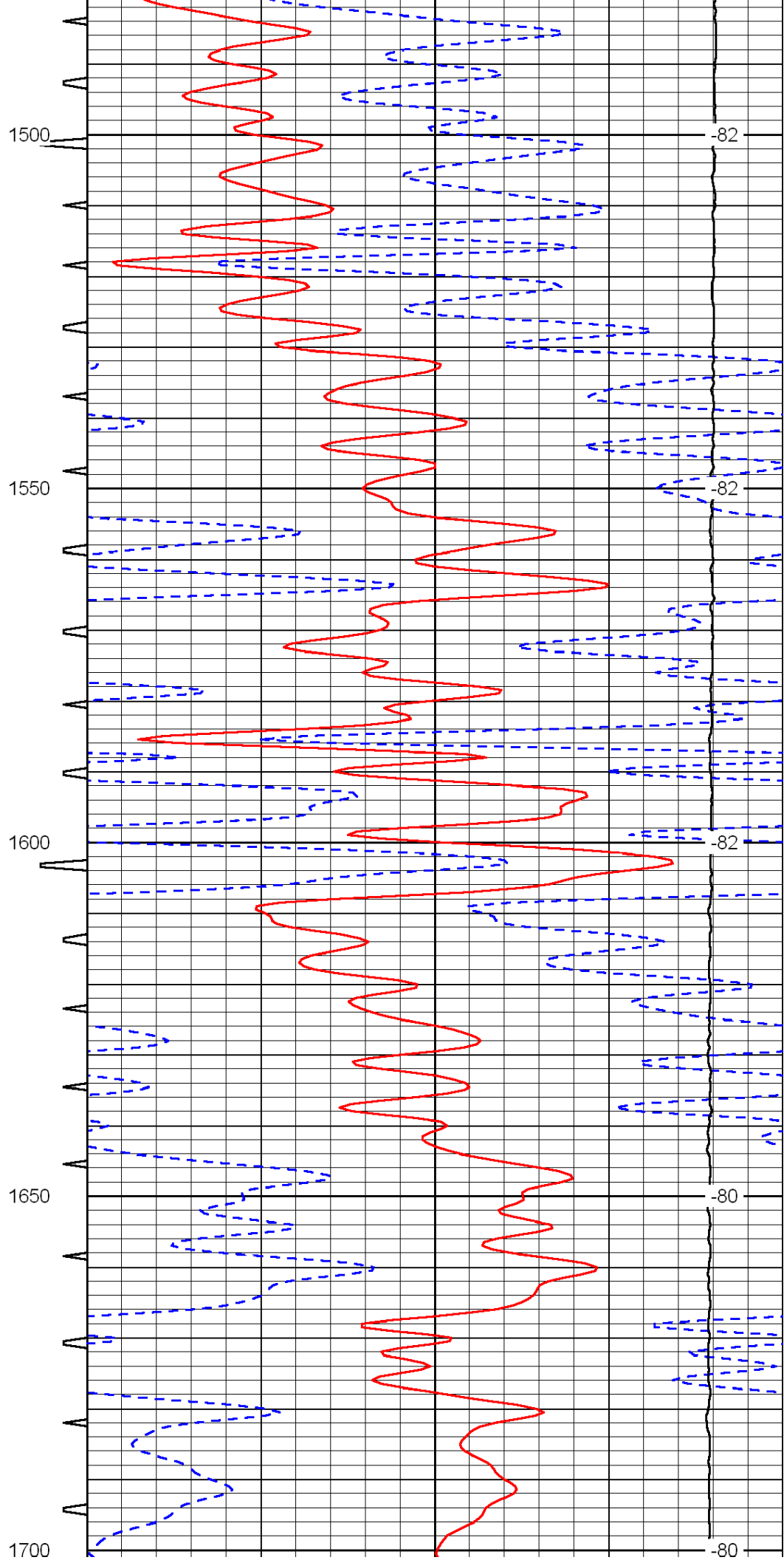
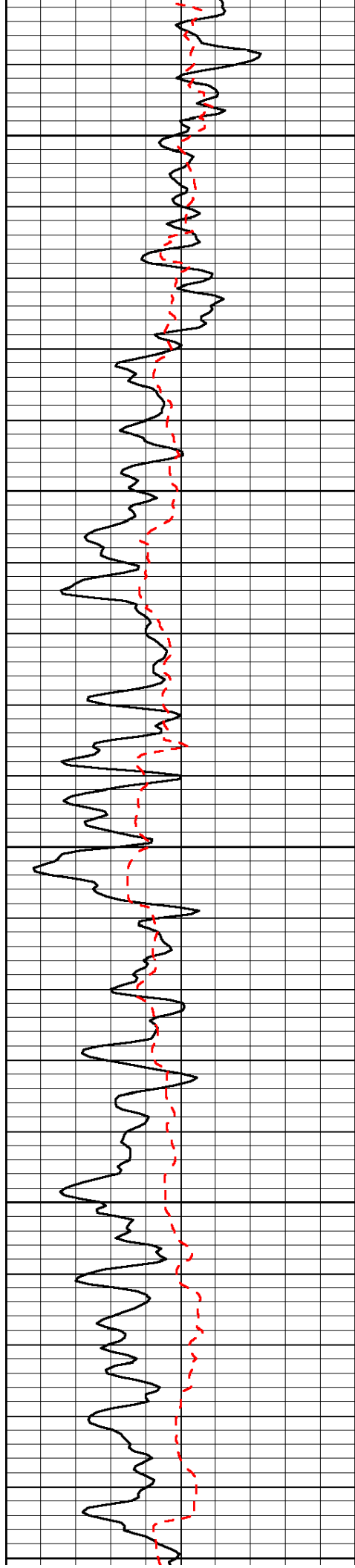
Database File: c:\warrior\data\midco_theis no. 5-19\midco.db
Dataset Pathname: dil/midstack
Presentation Format: sonic
Dataset Creation: Tue Sep 14 15:37:16 2010
Charted by: Depth in Feet scaled 1:240

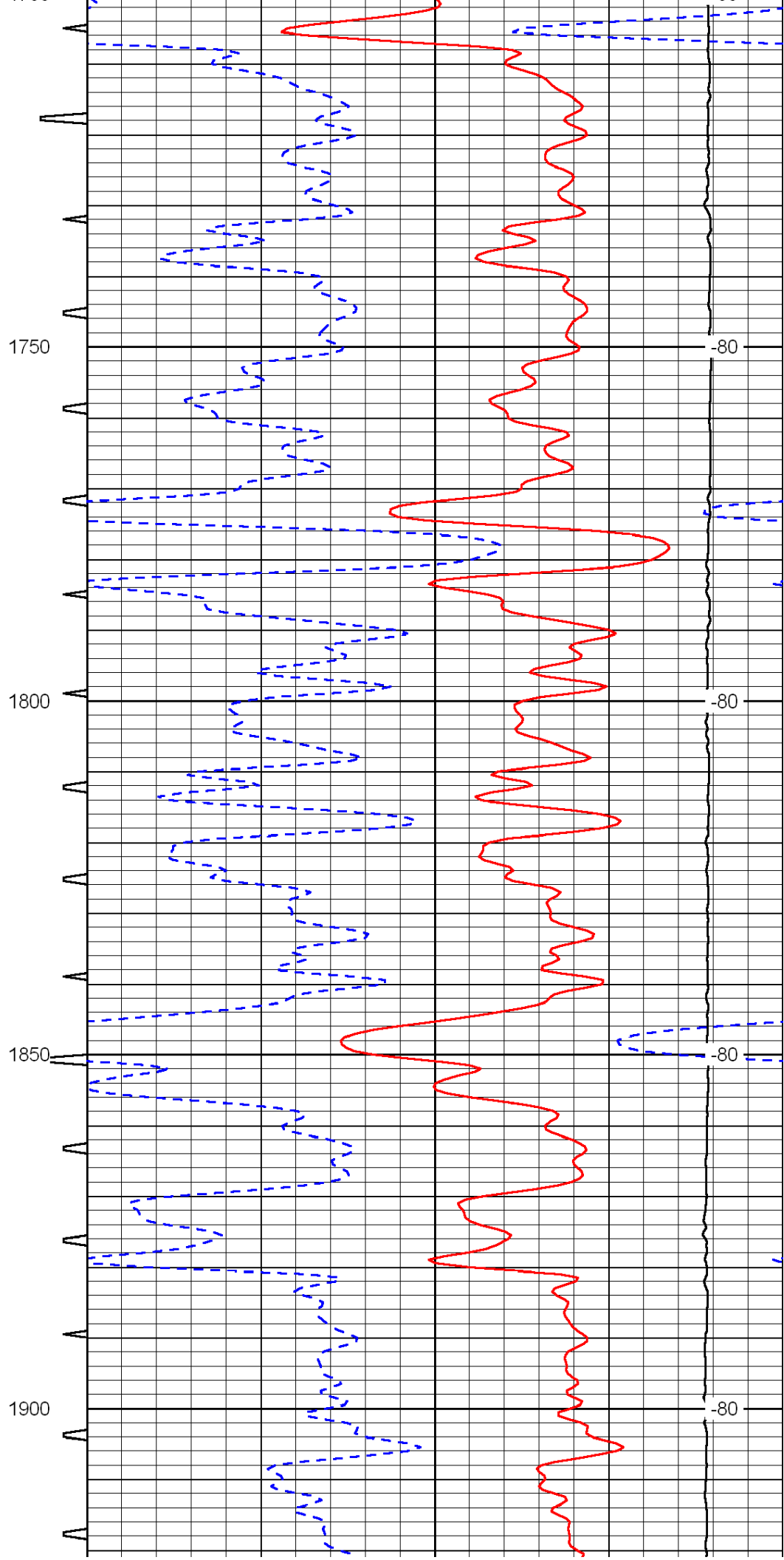
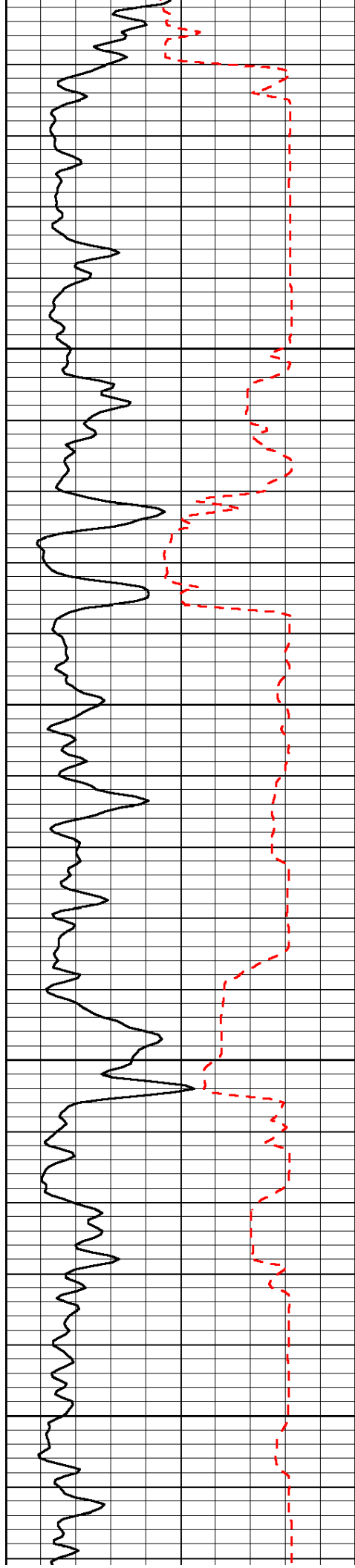
Charted by:		Depth in Feet scaled 1:2.15					
0	Gamma Ray	150	5	0	140	Delta Time (usec/ft)	40
150	Gamma Ray	300			30	SPOR	-10
6	Caliper (GAPI)	16			15000	LTEN (lb)	0
							LSPD

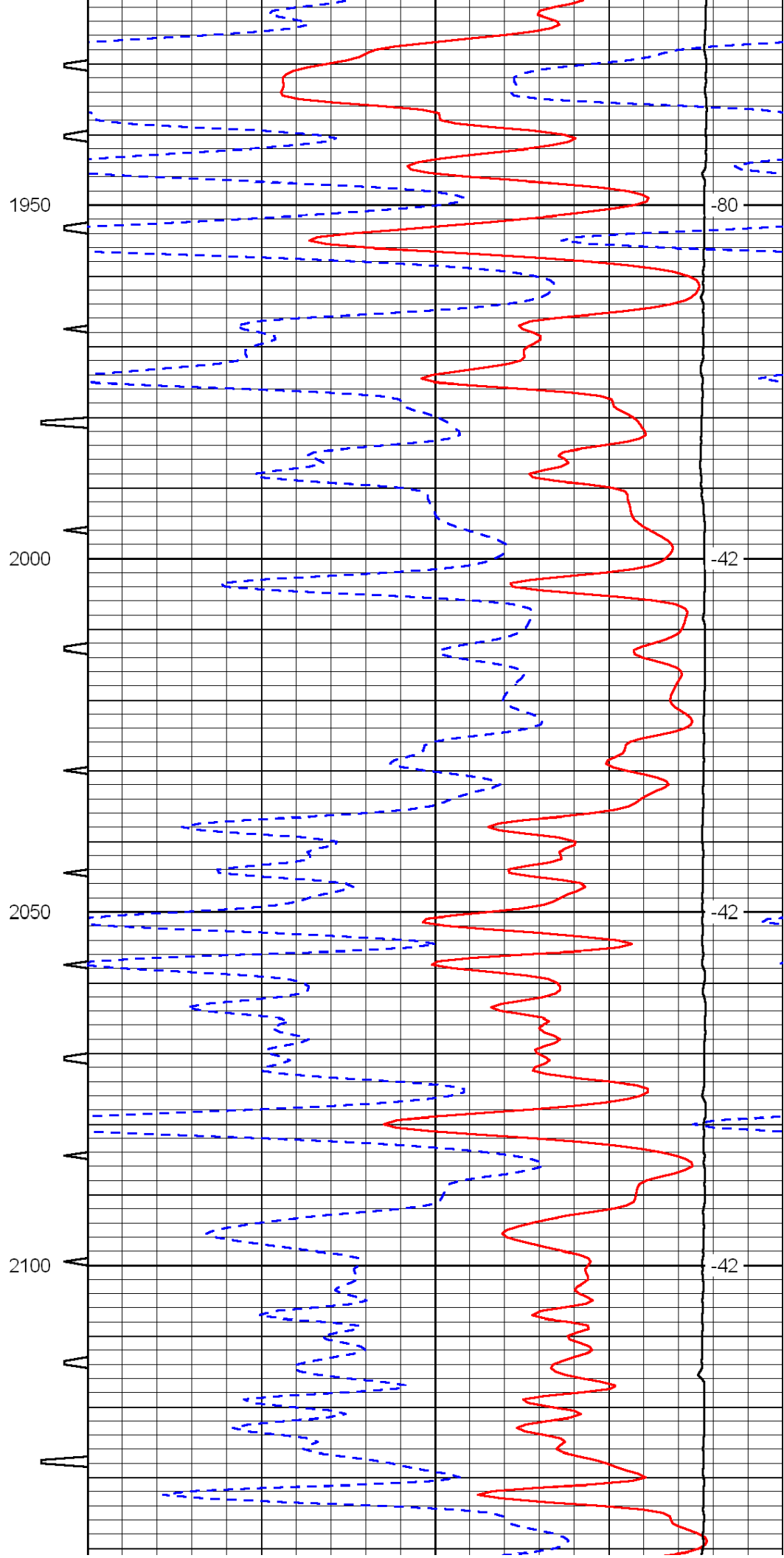
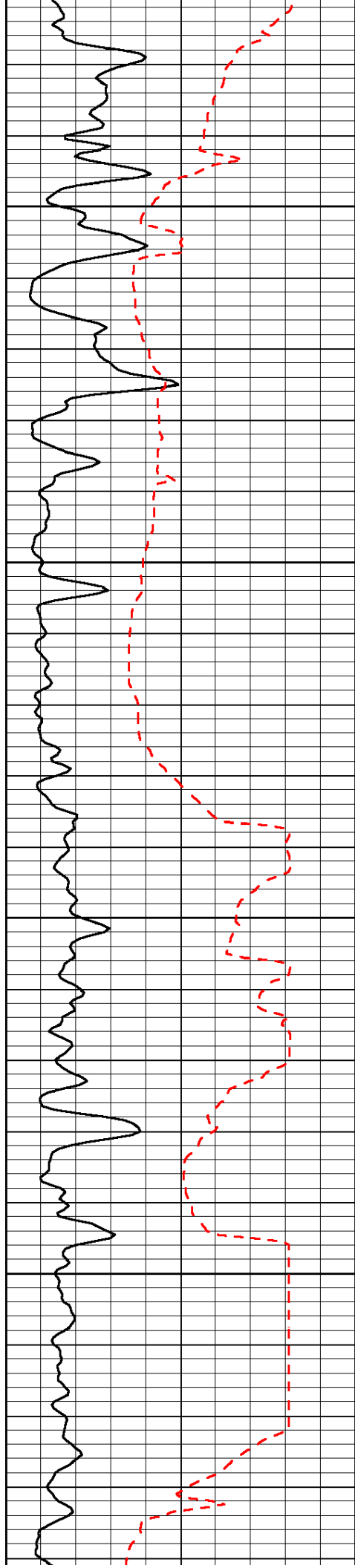


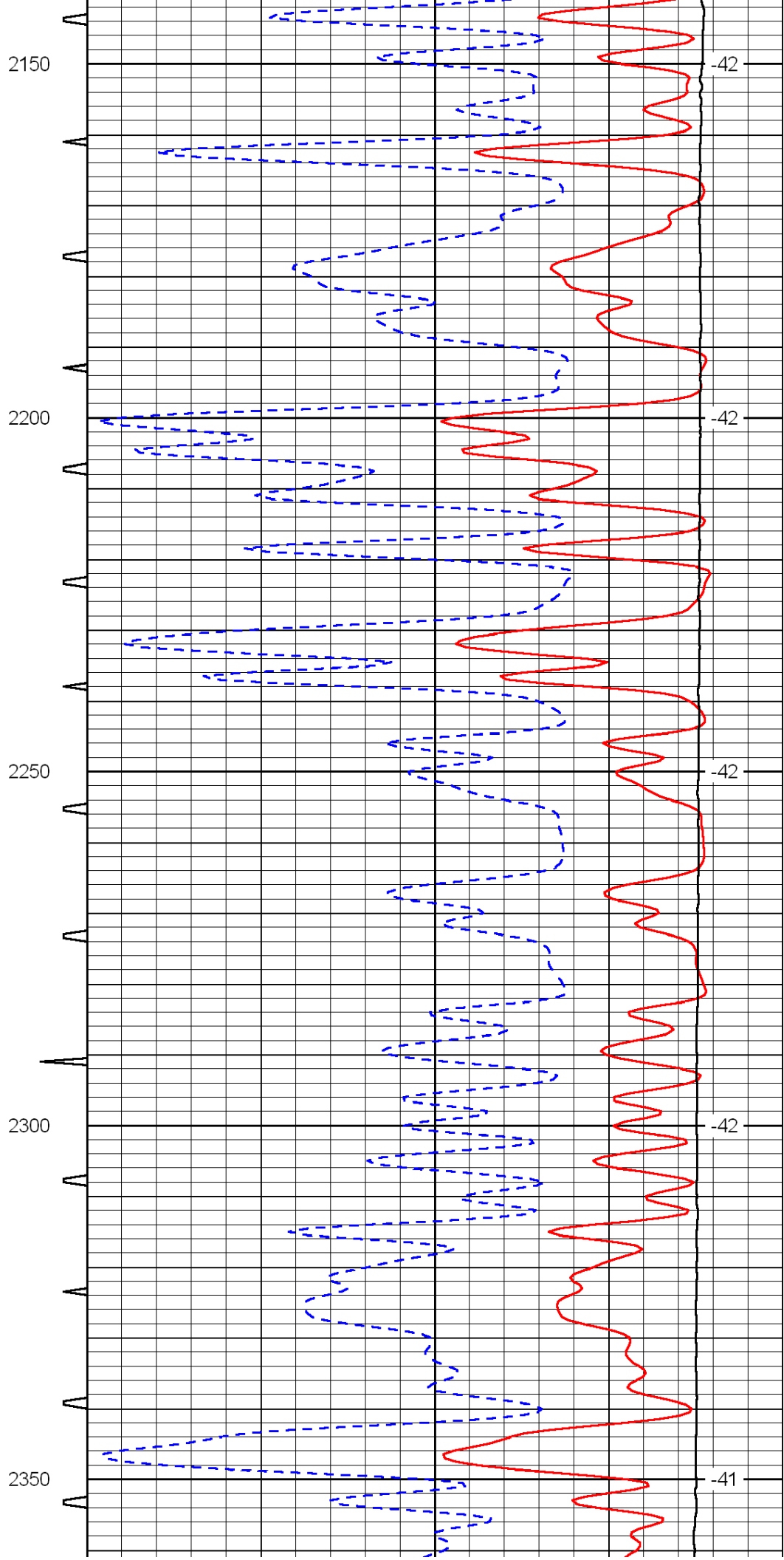
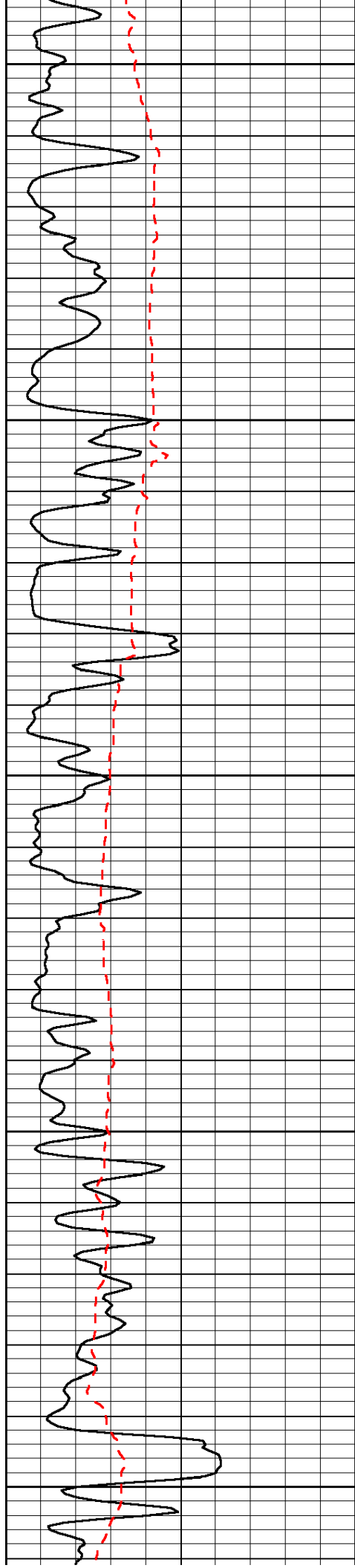


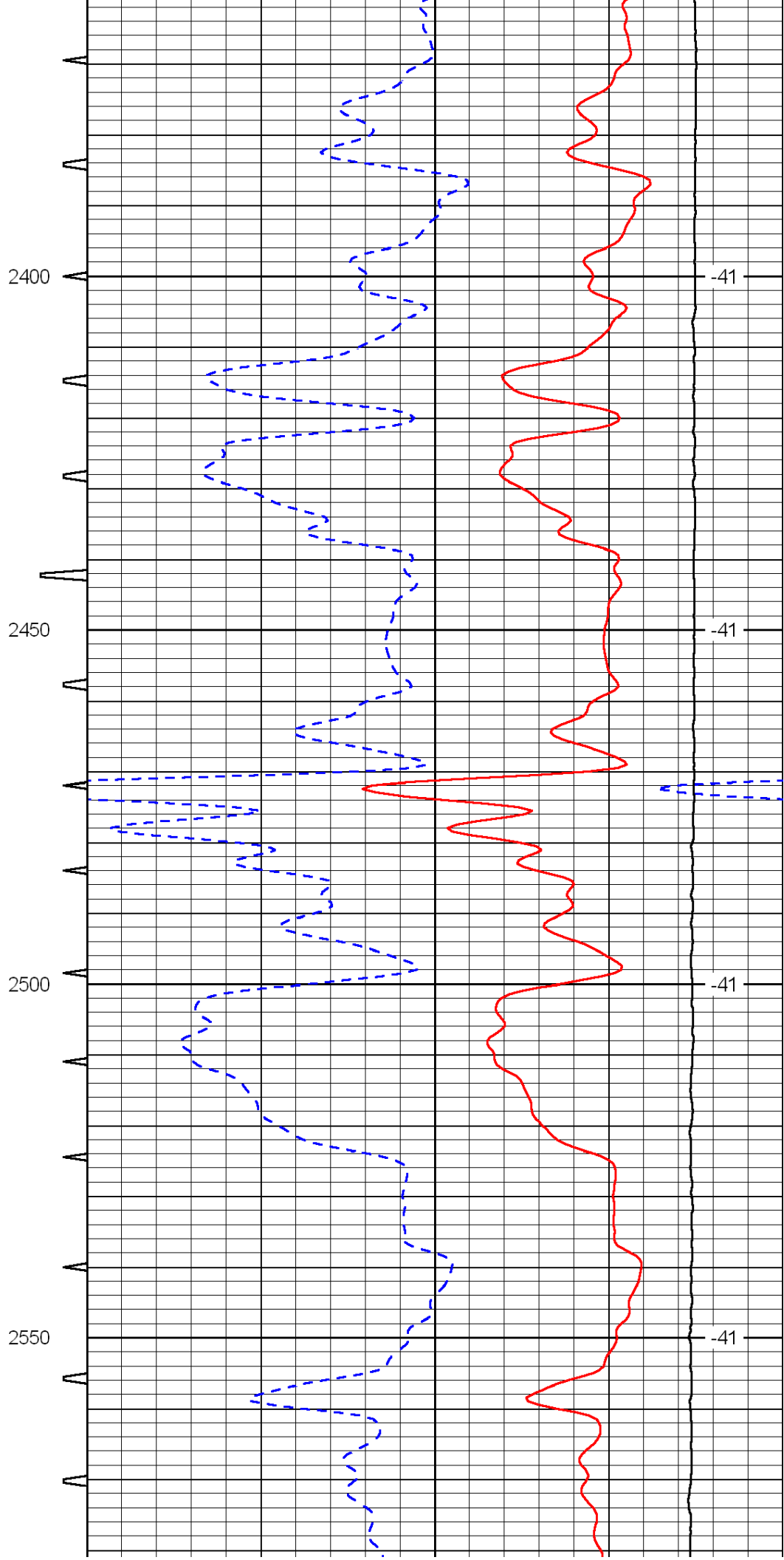
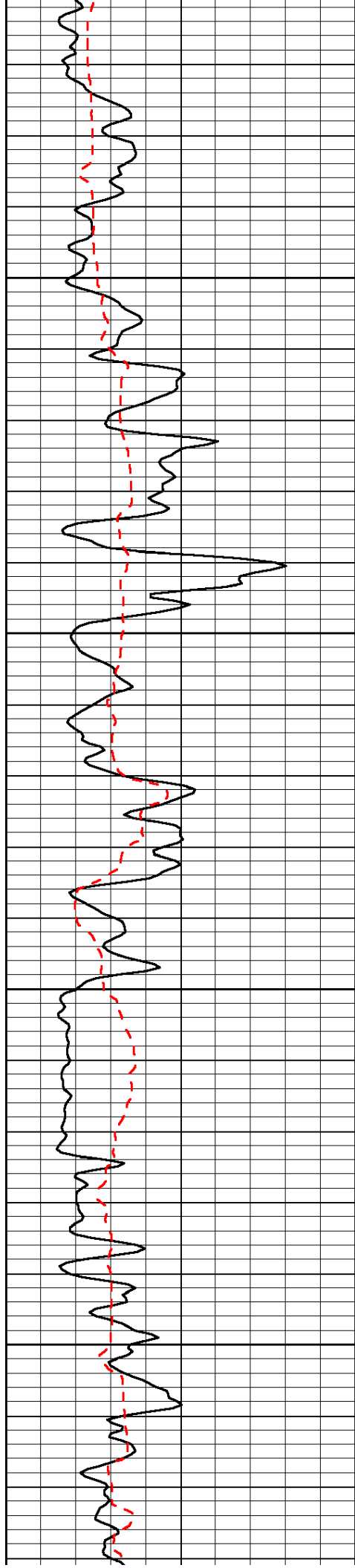


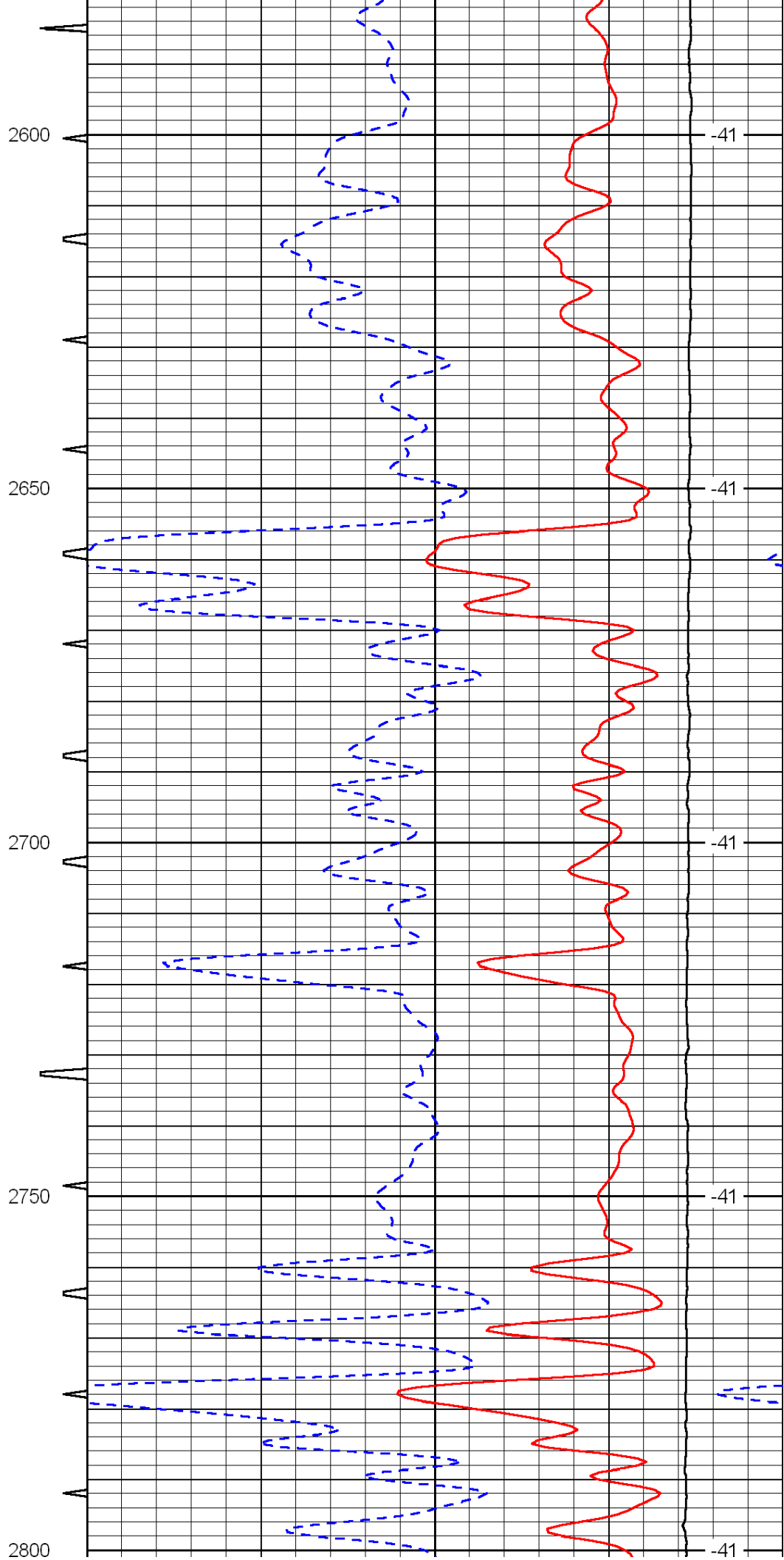
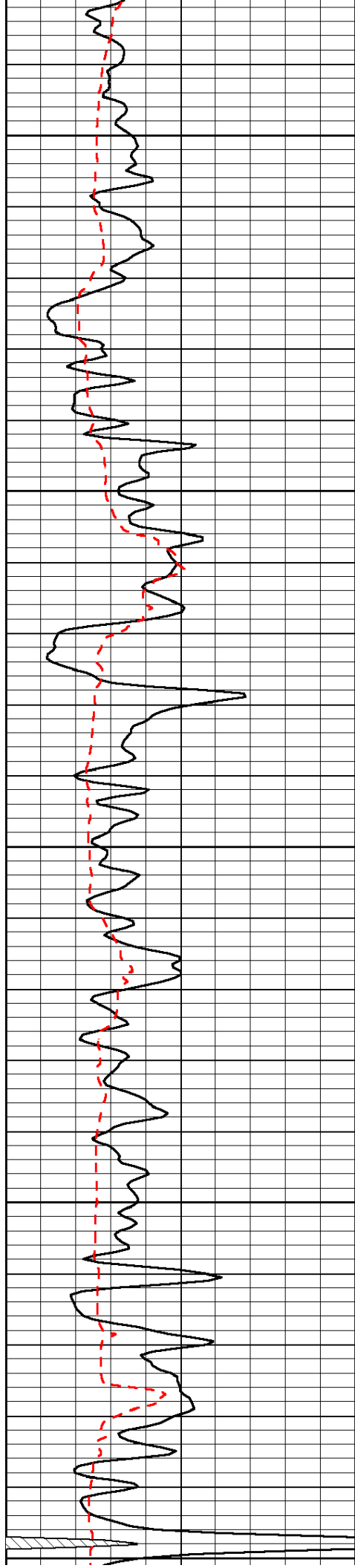


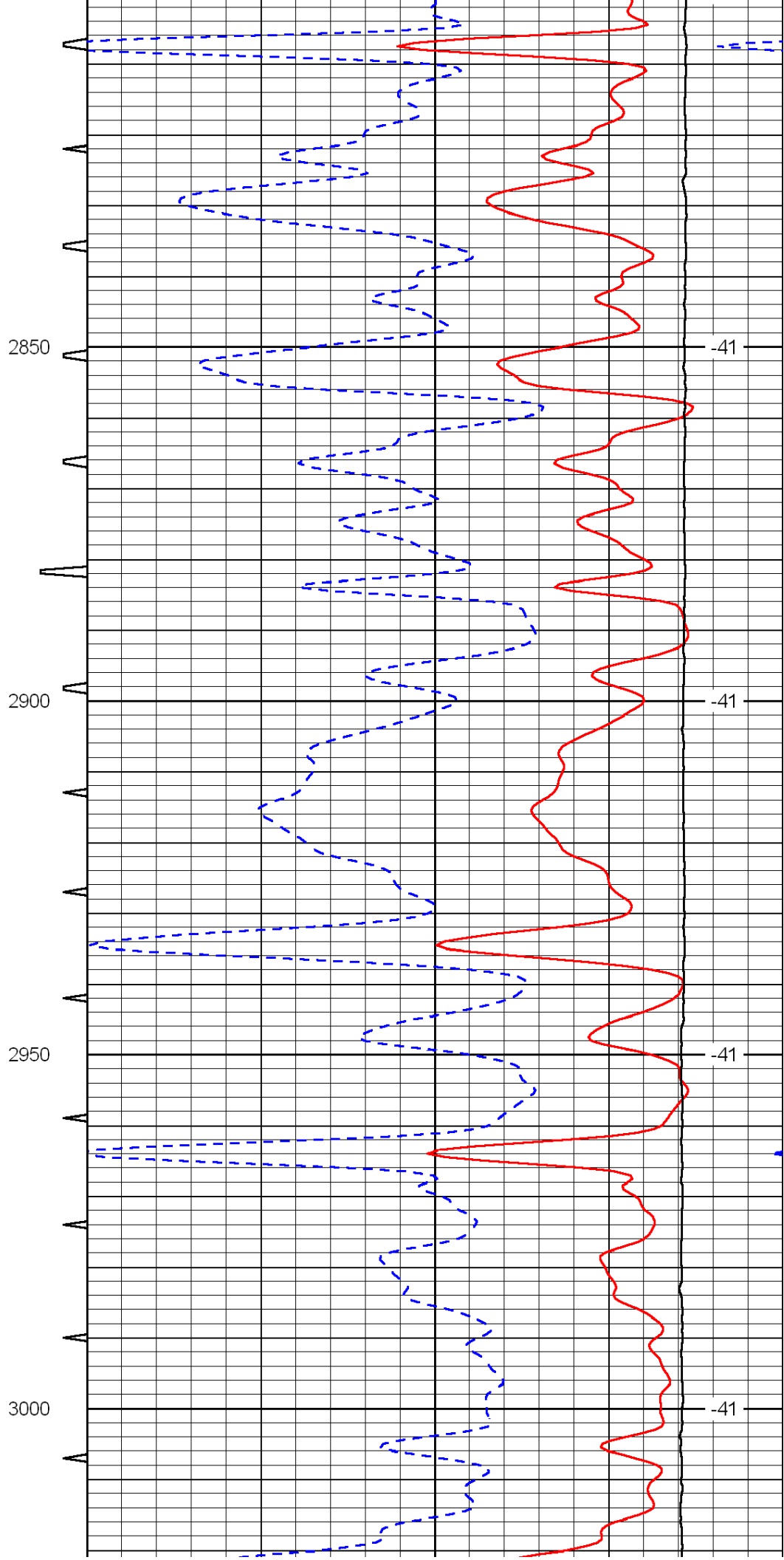
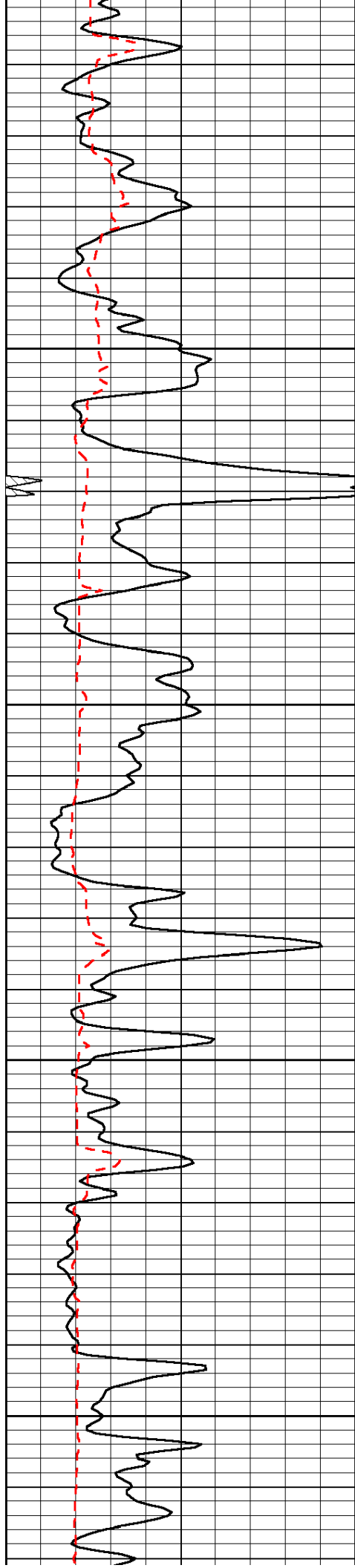


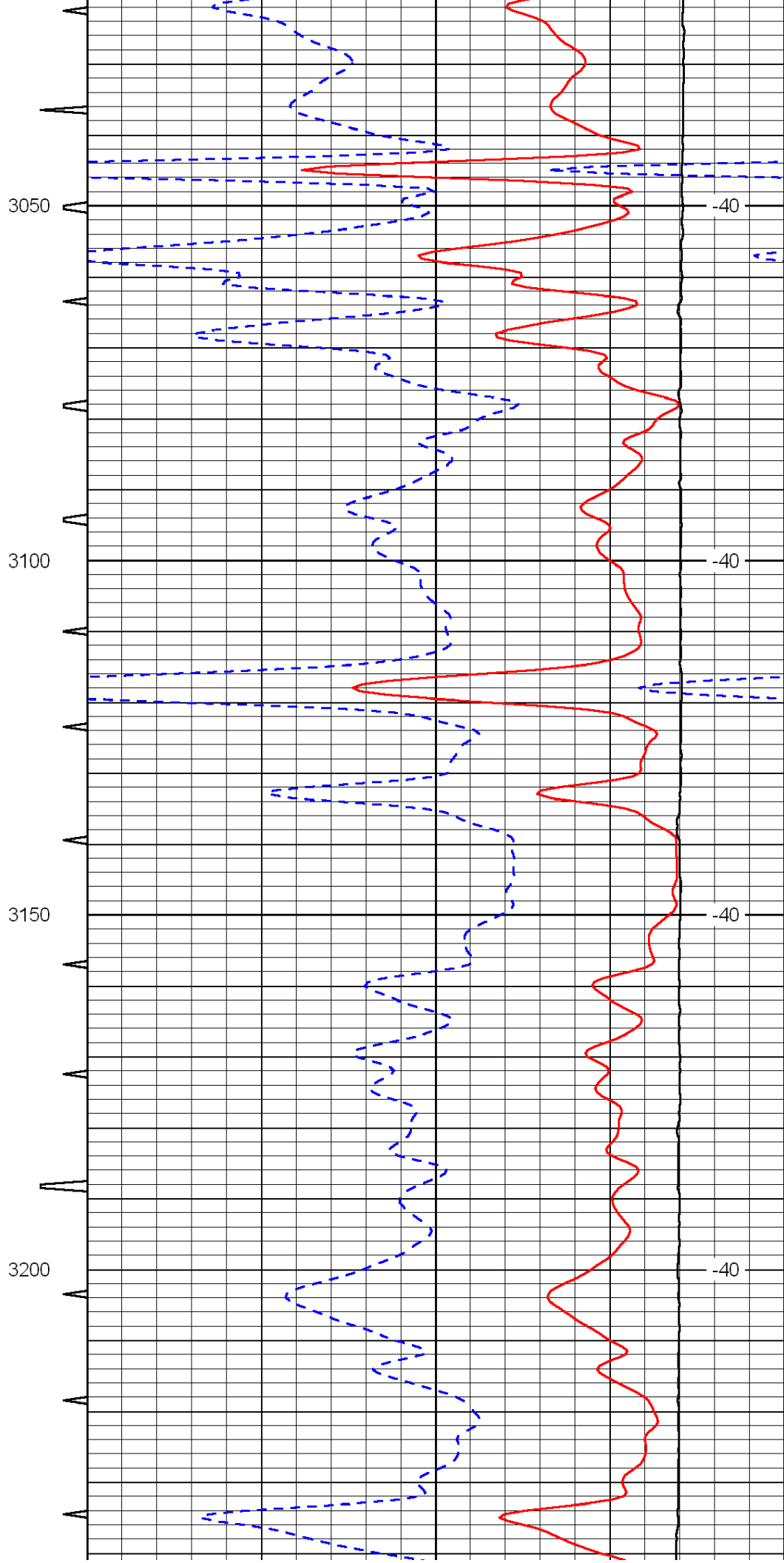
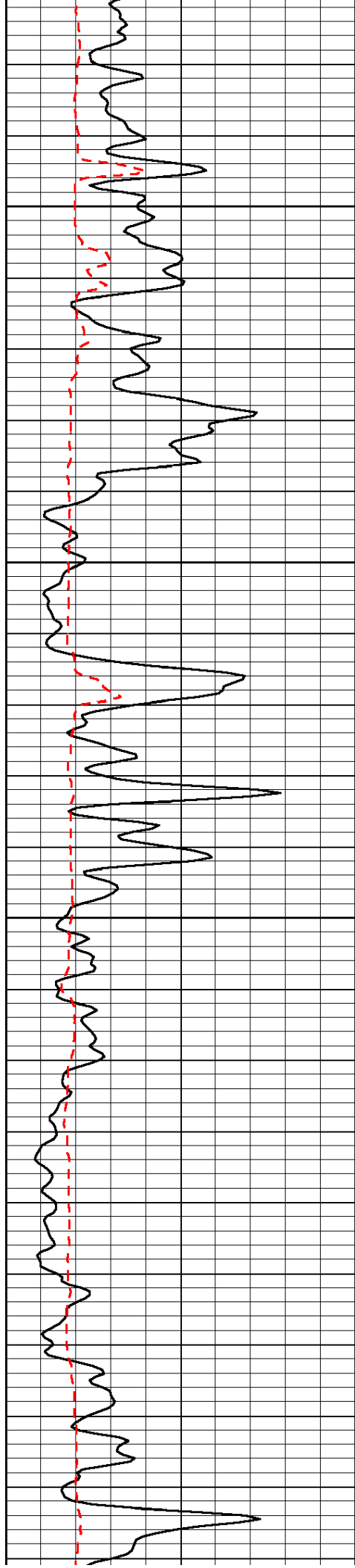


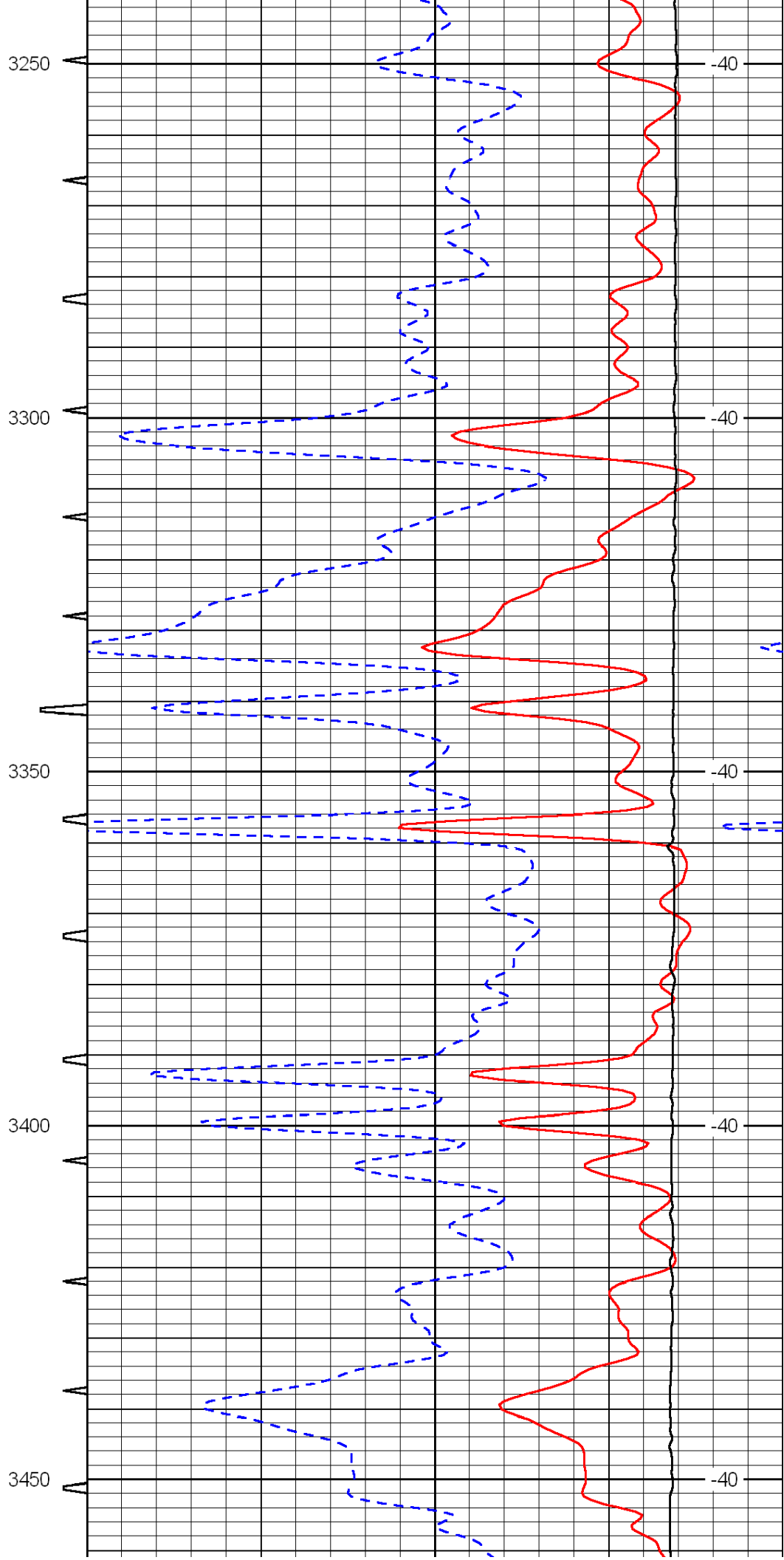
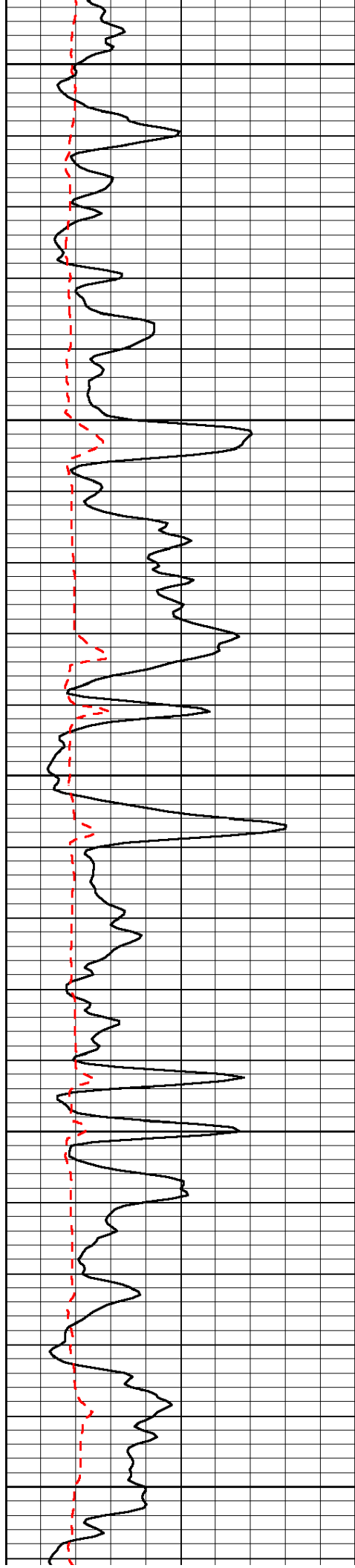


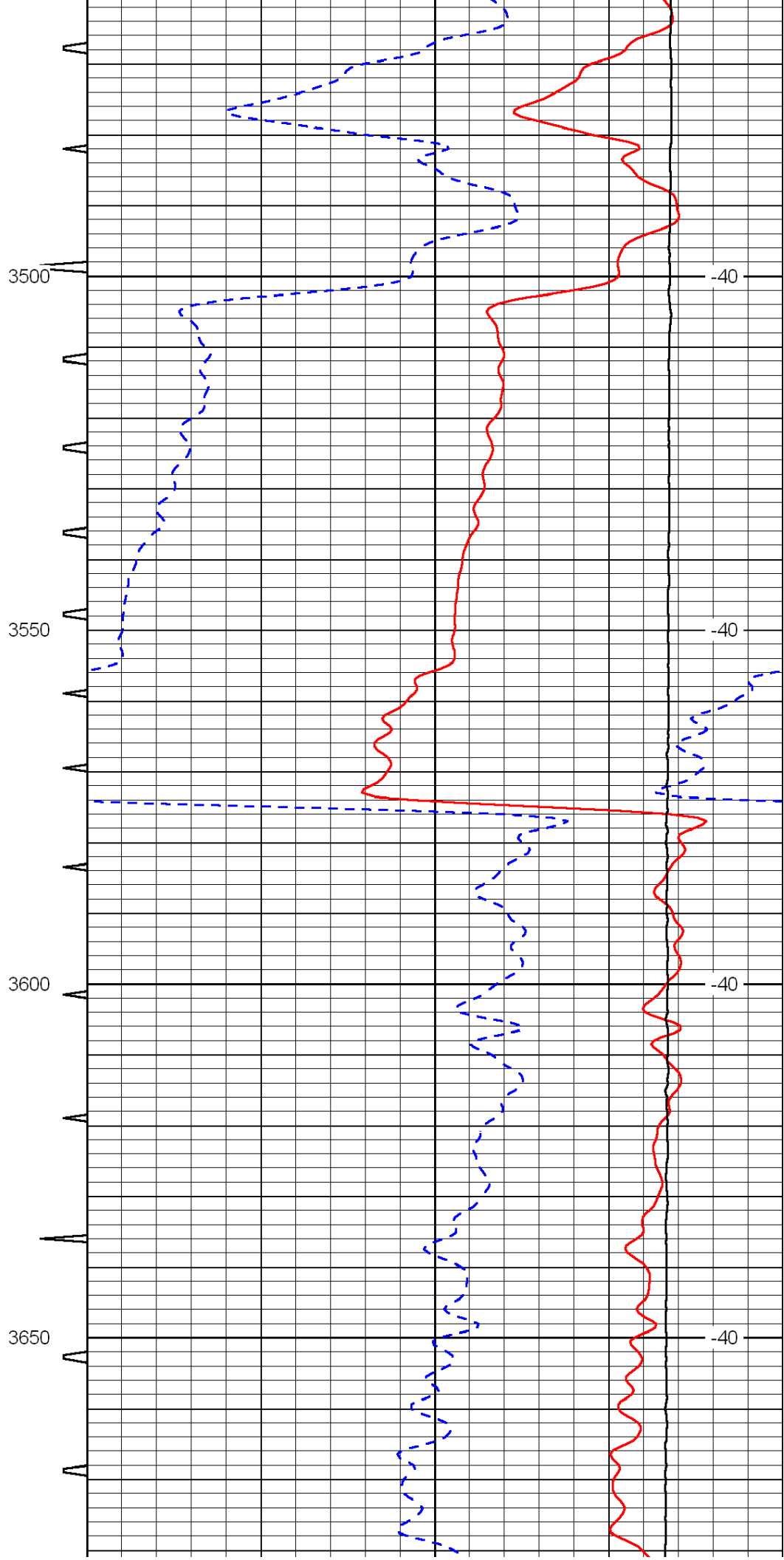
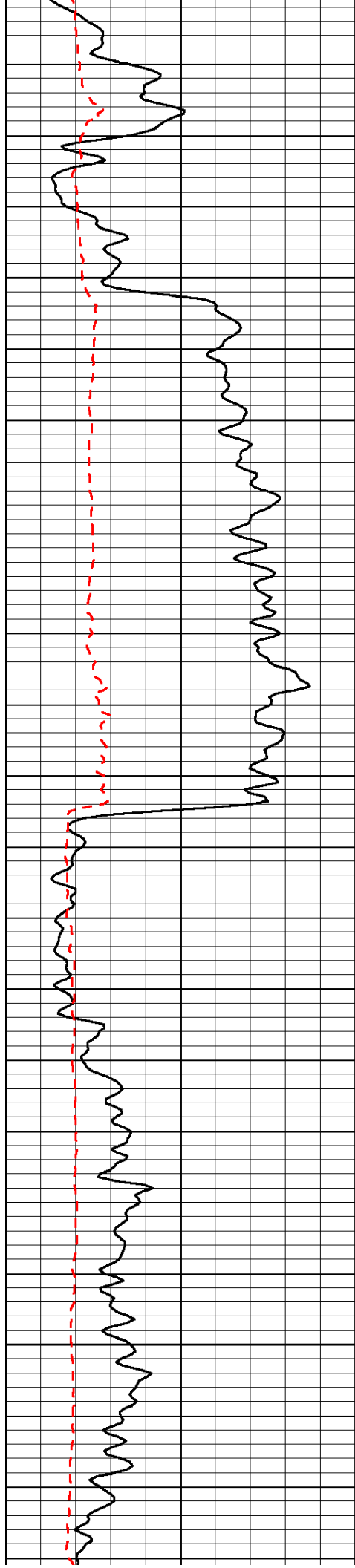


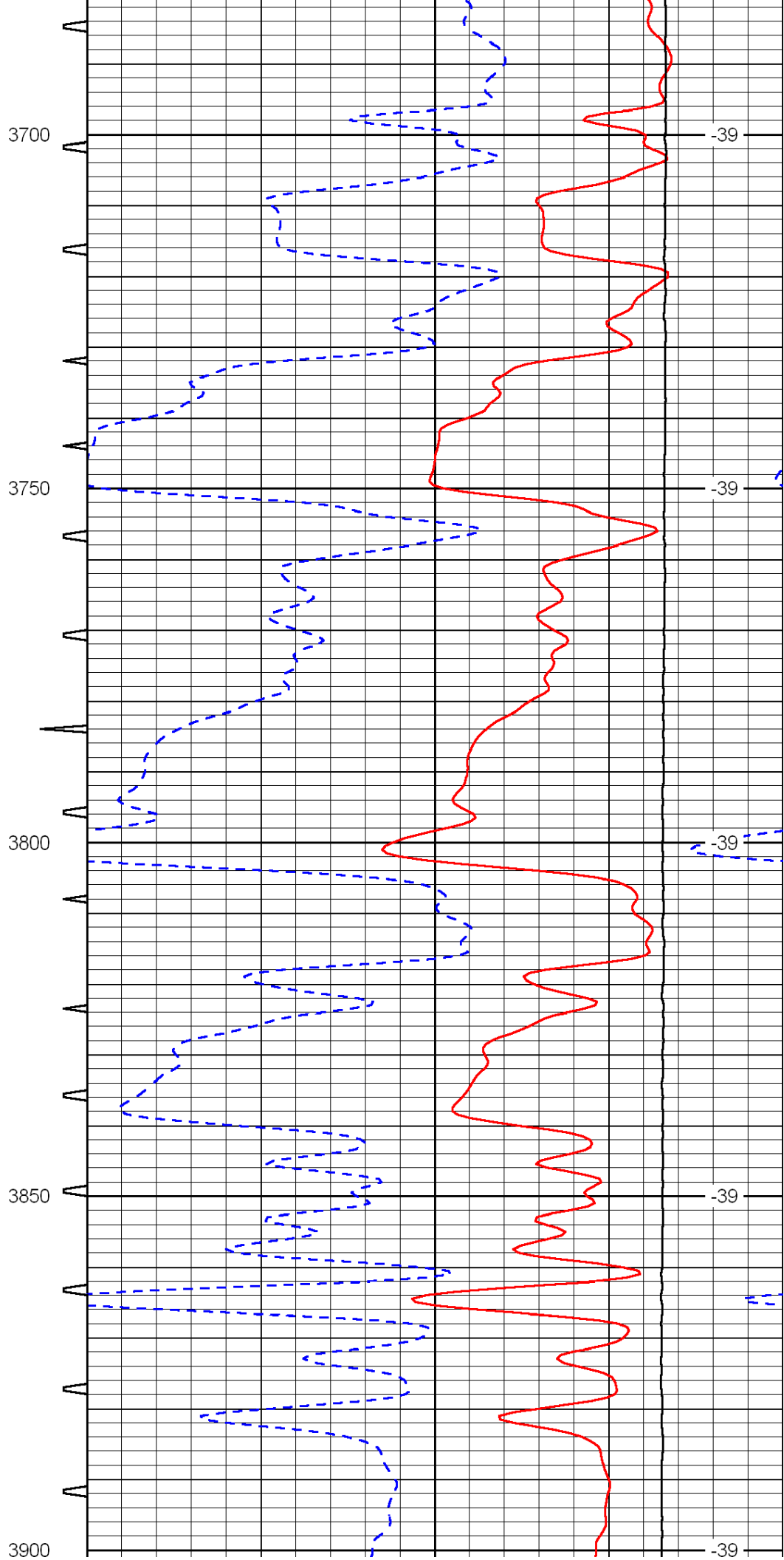
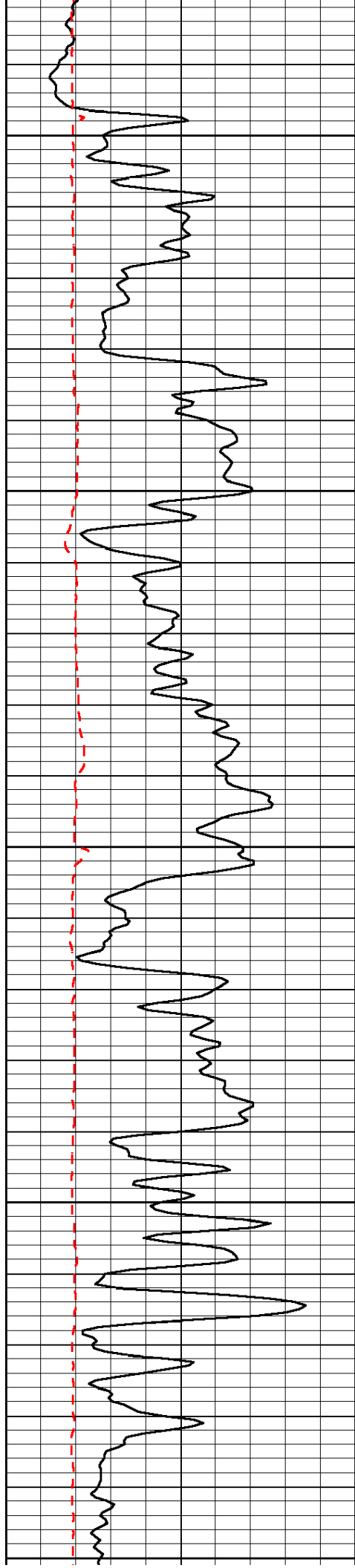


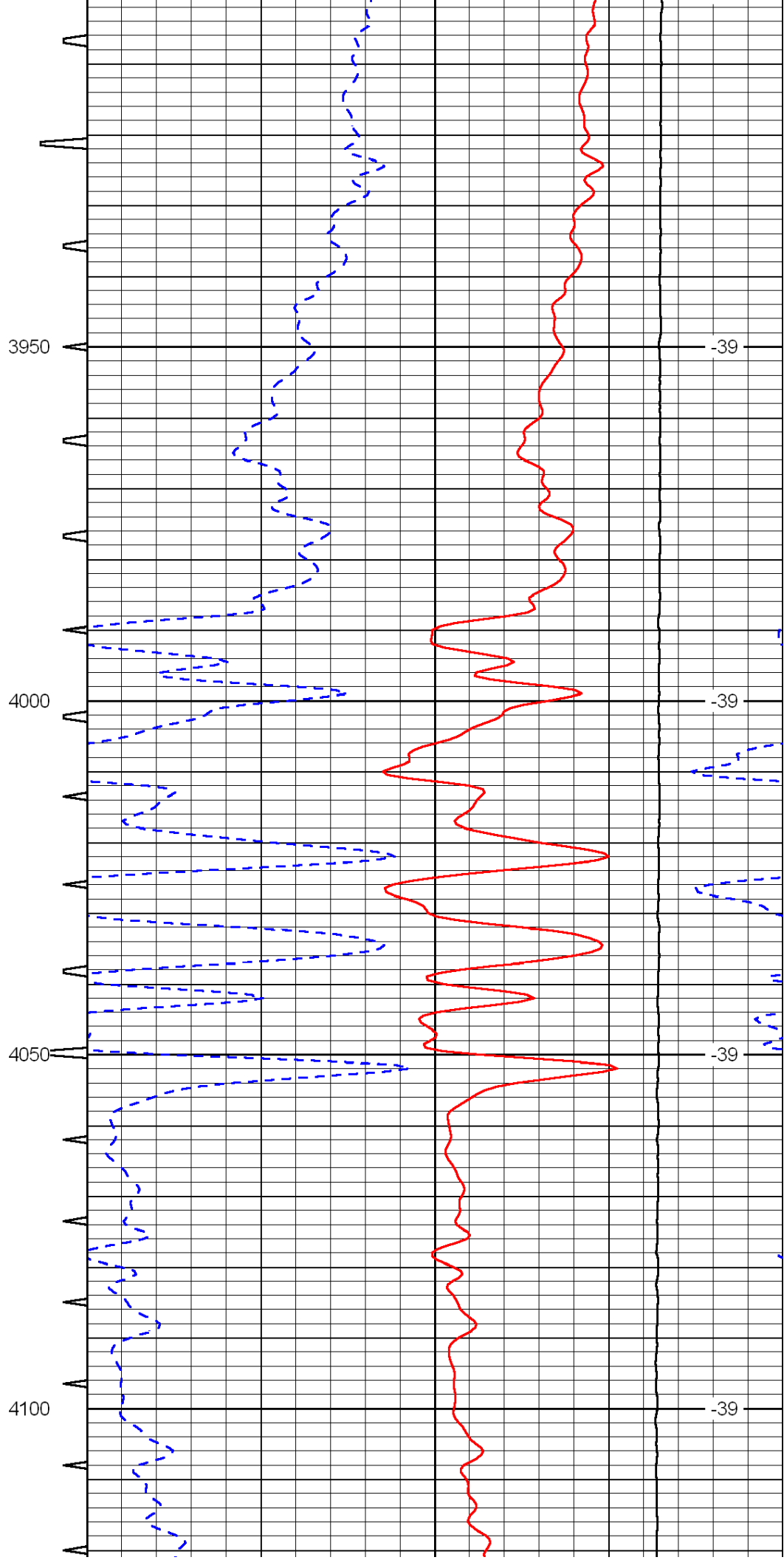
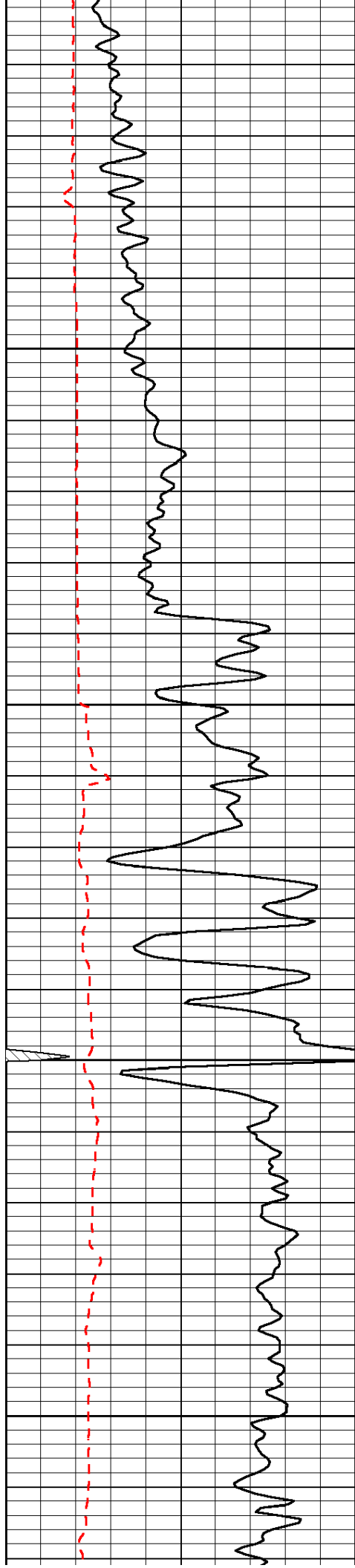


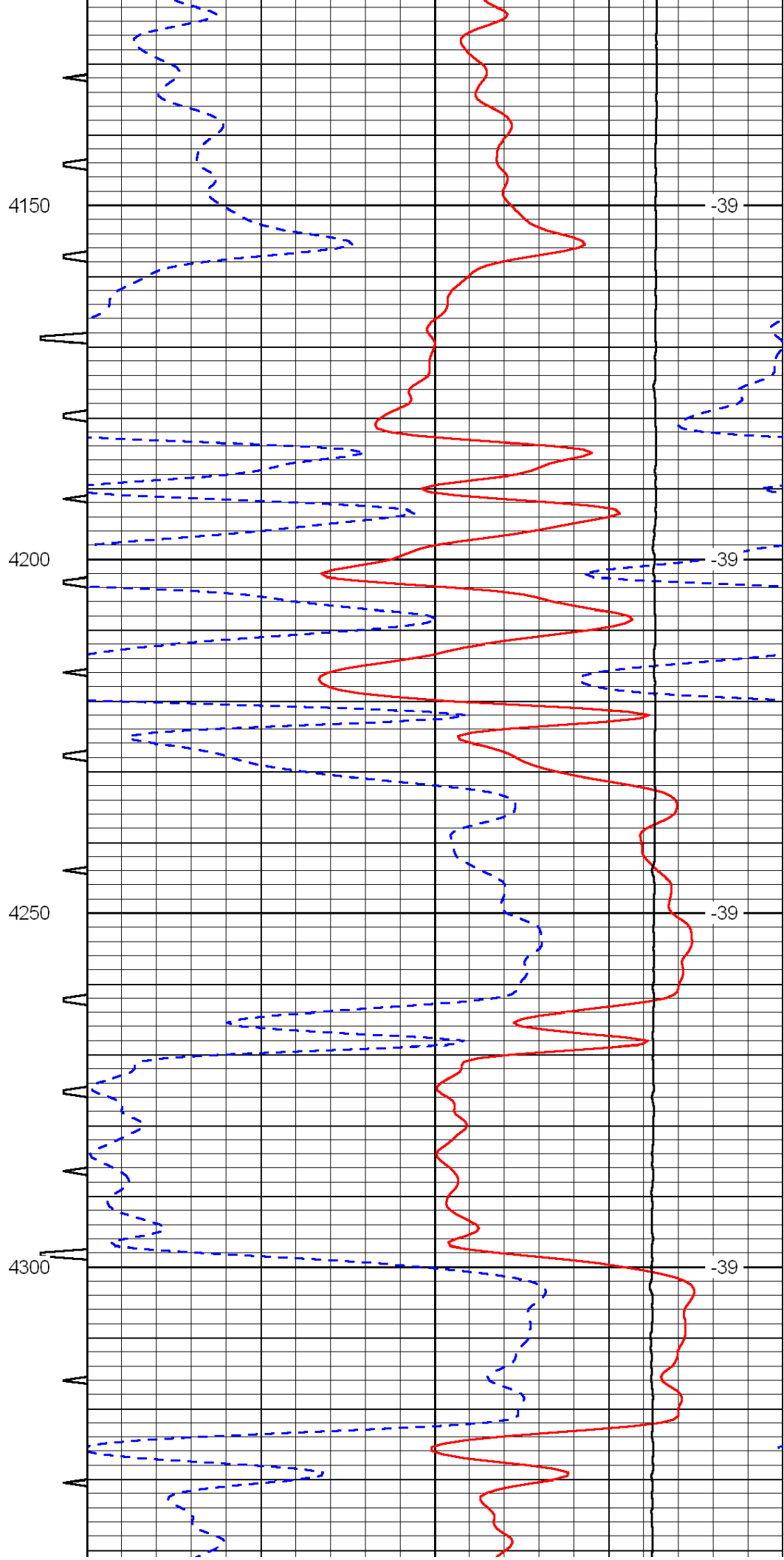
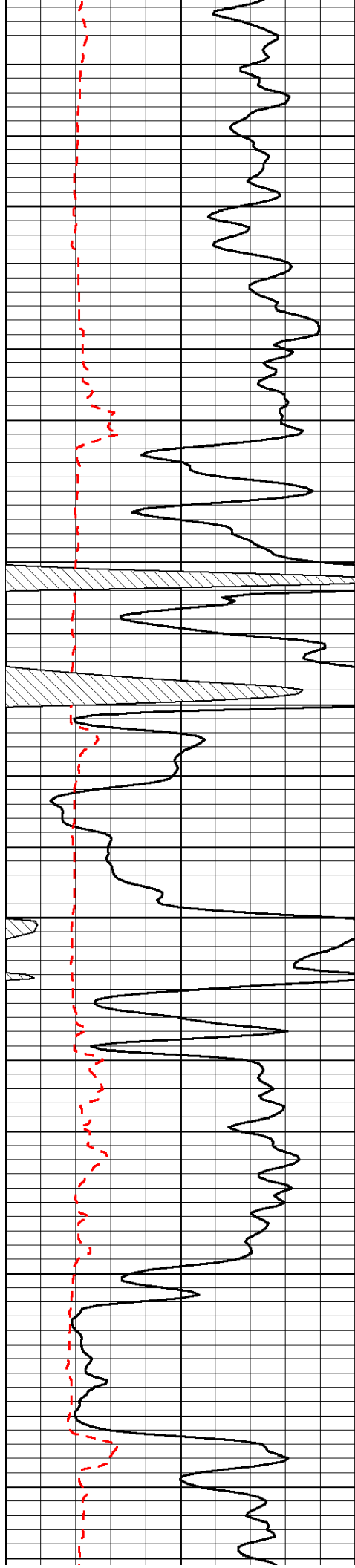


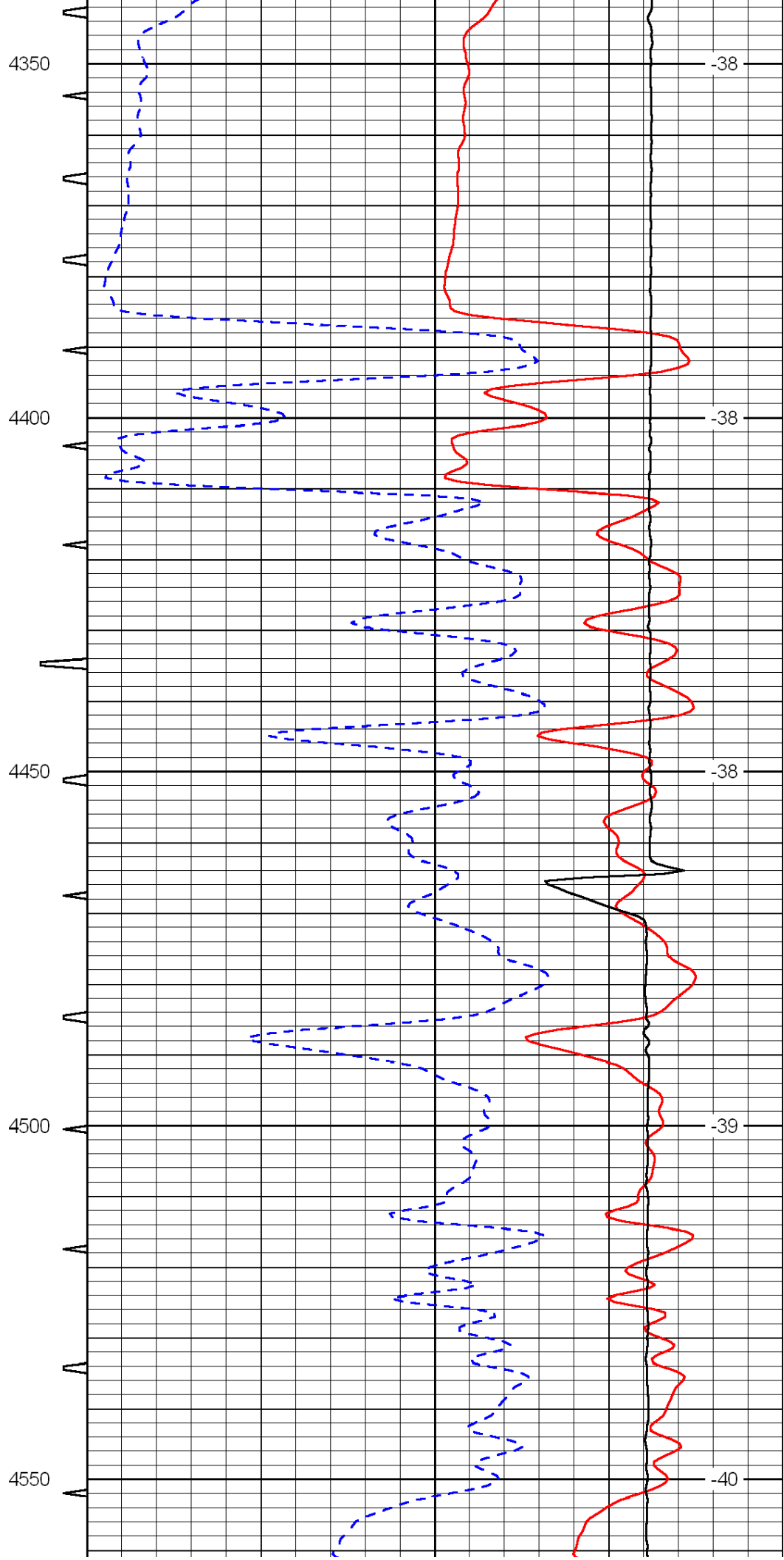
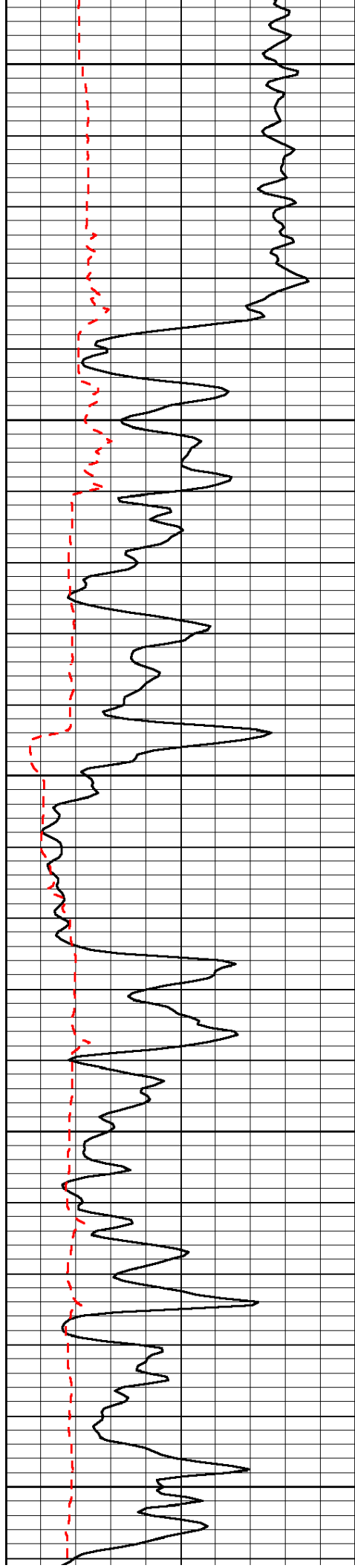


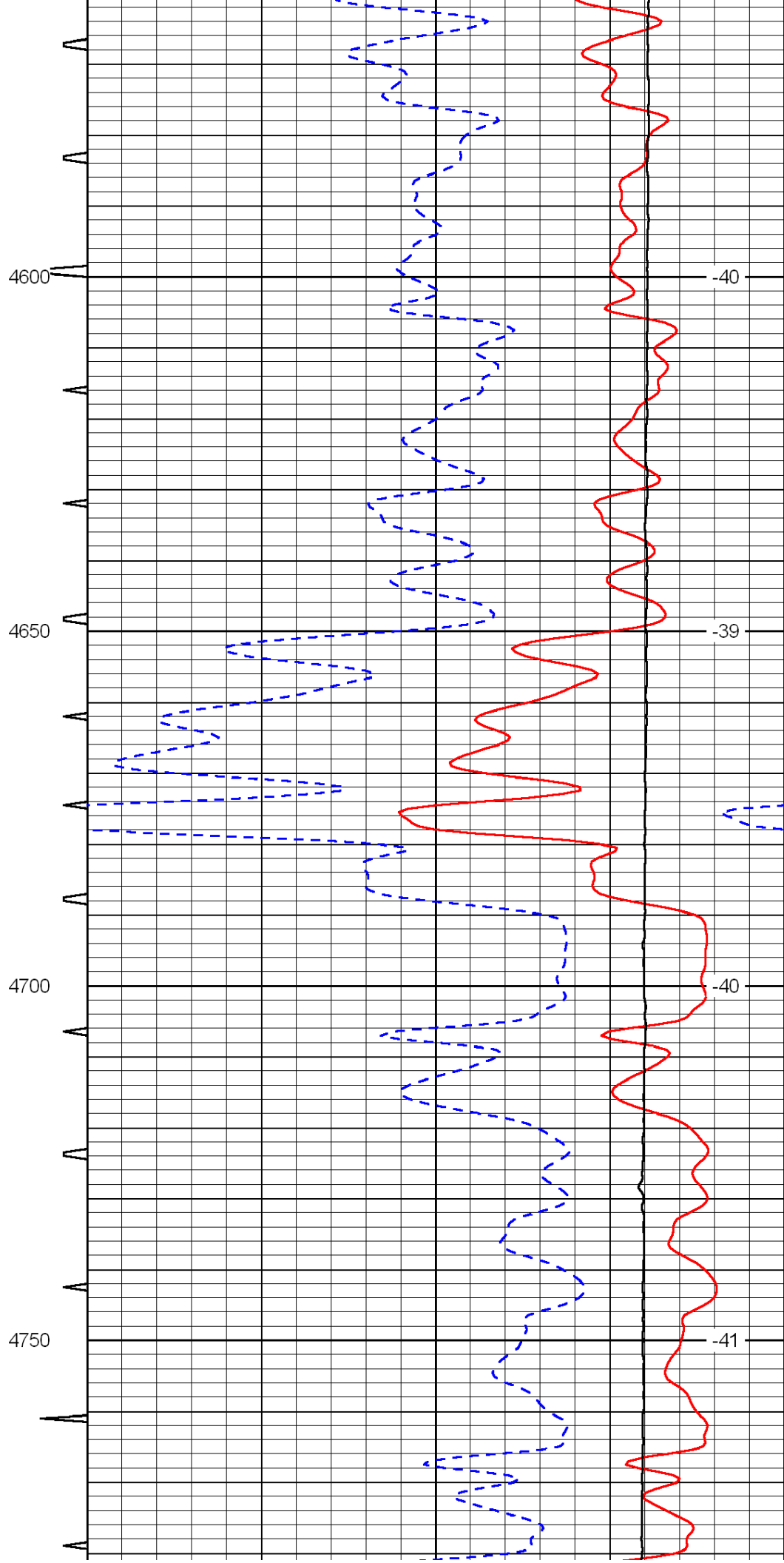
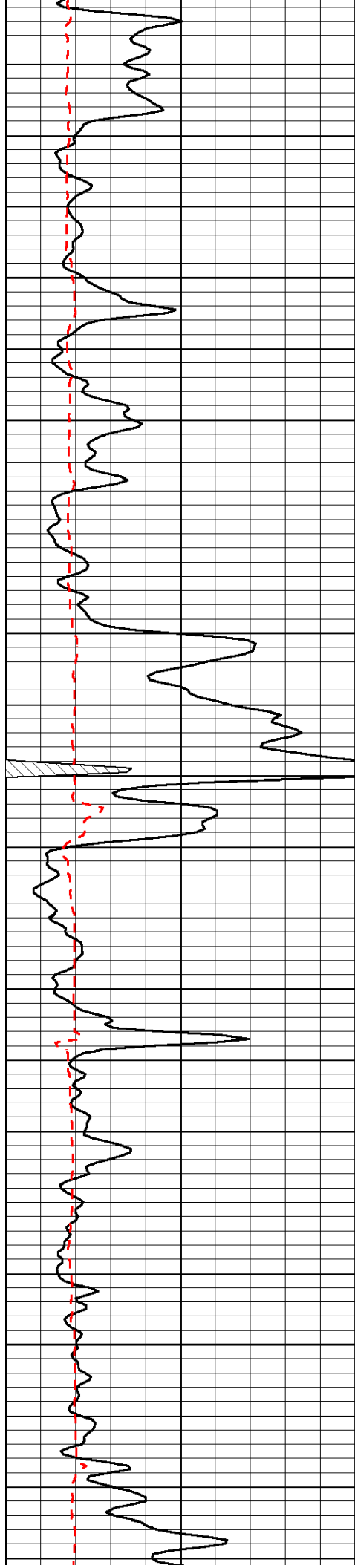


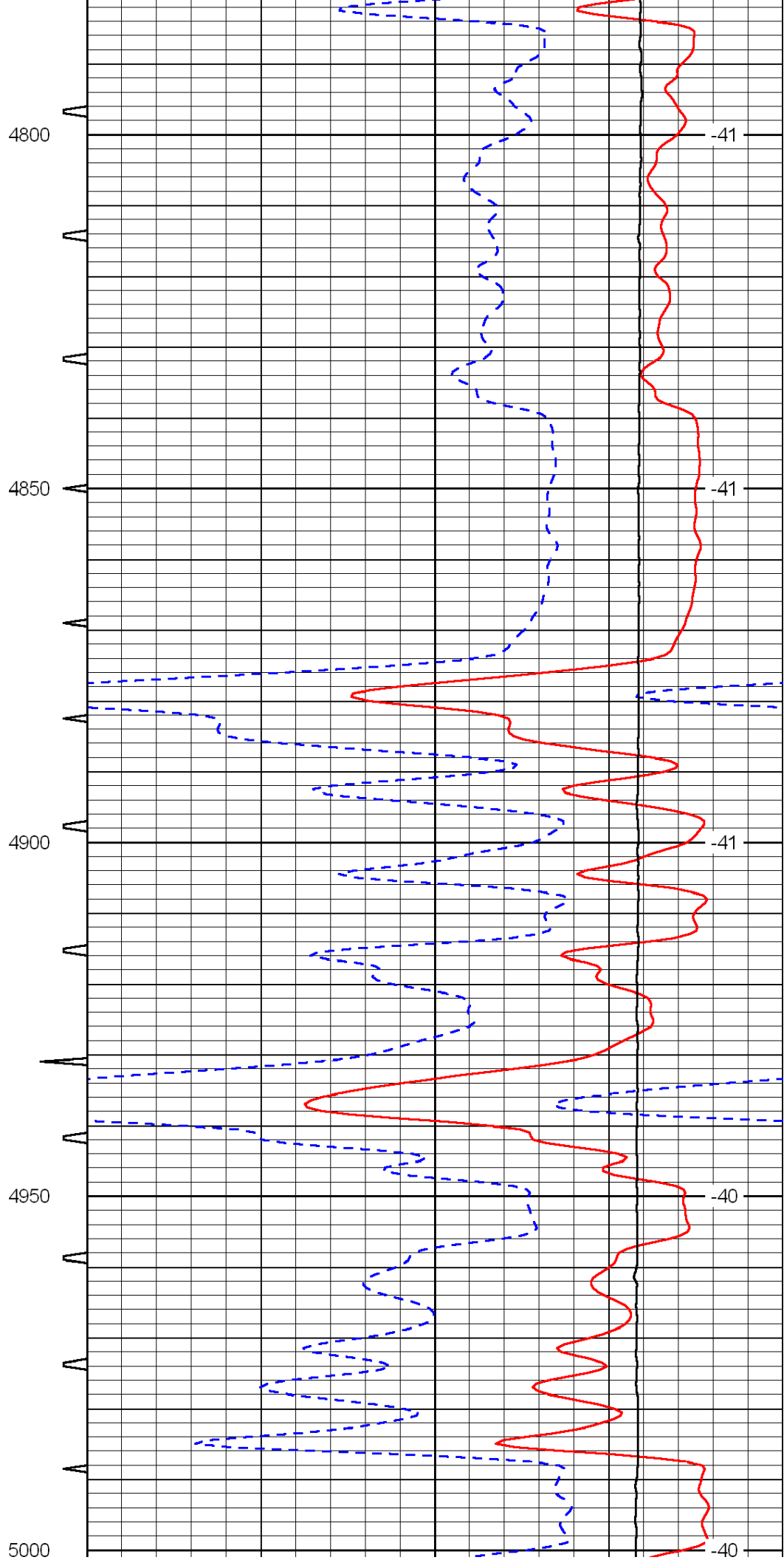
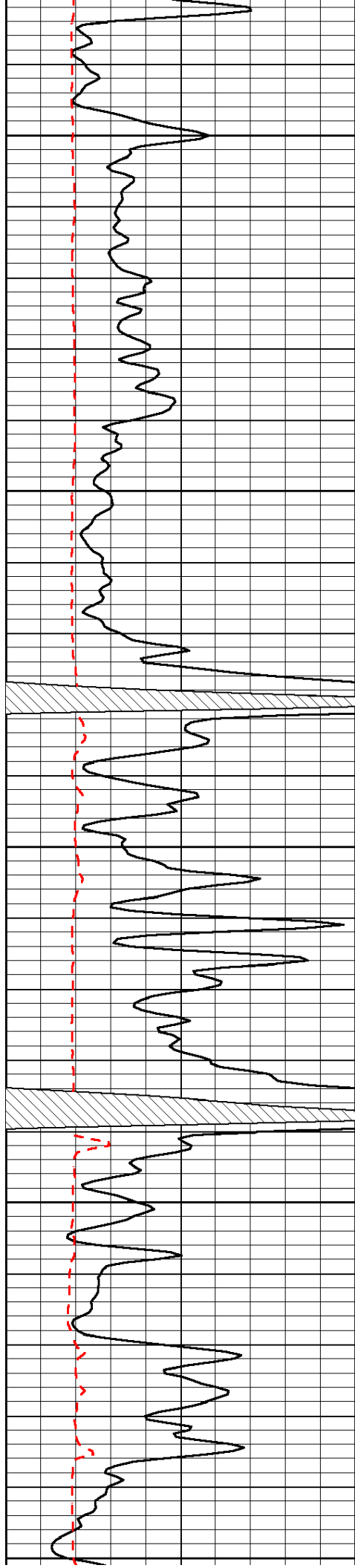


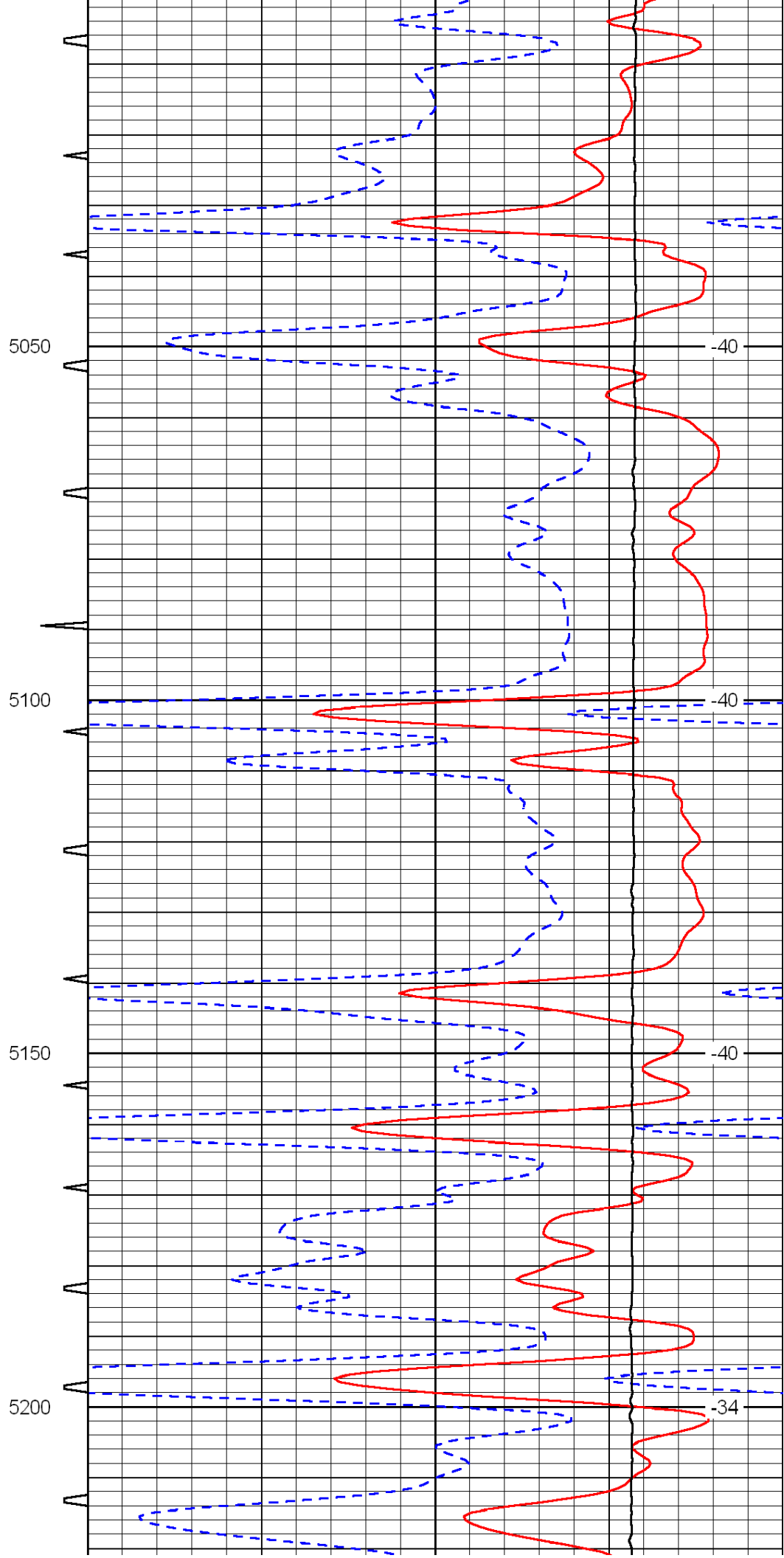
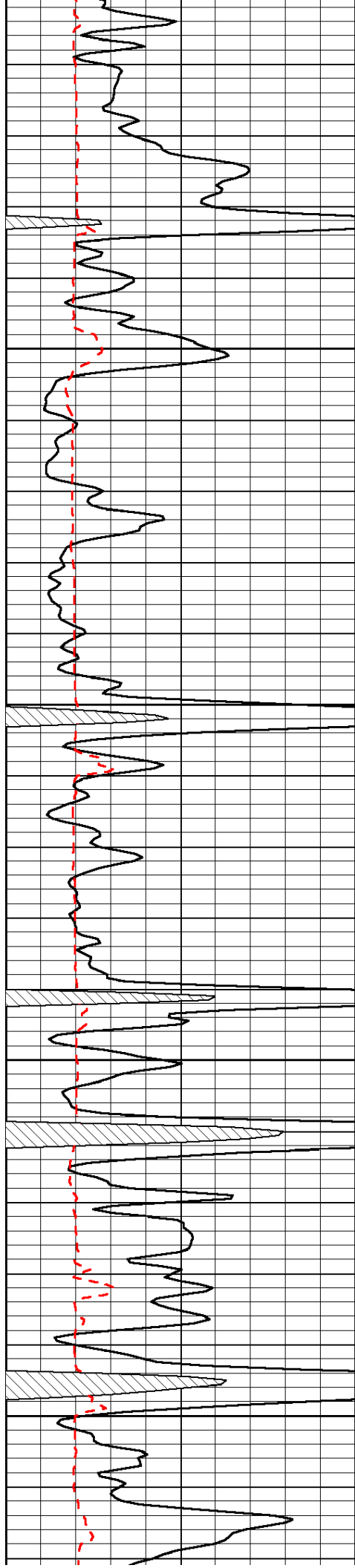


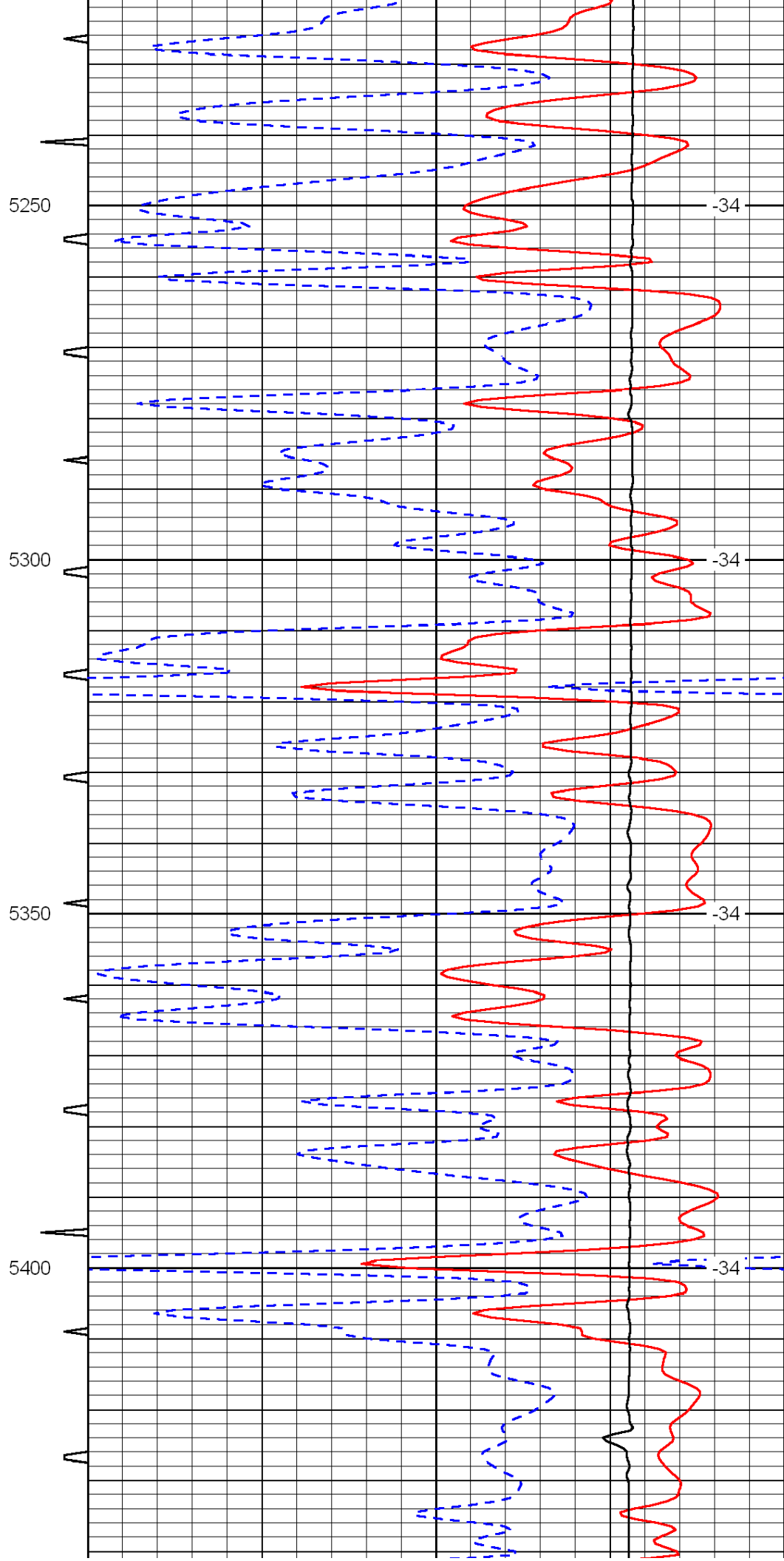
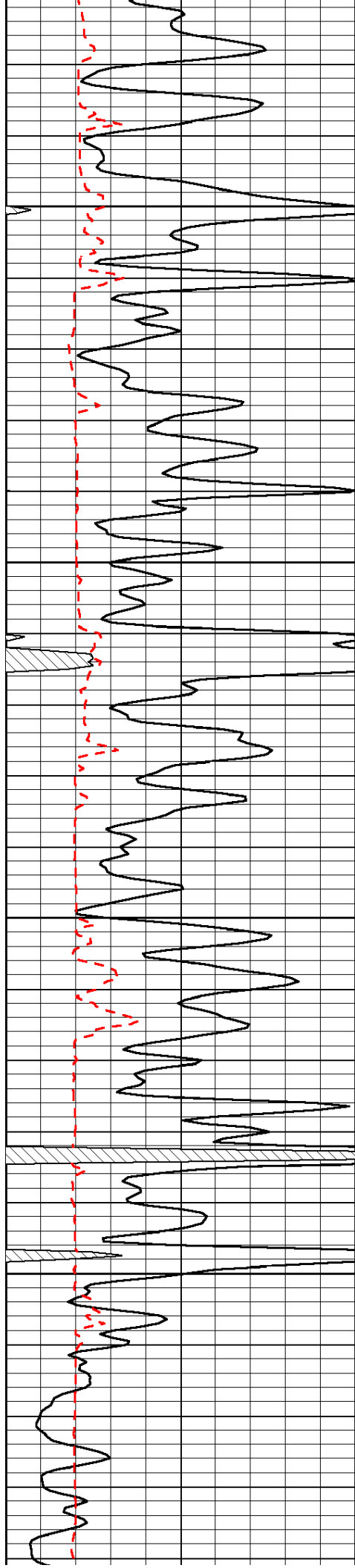


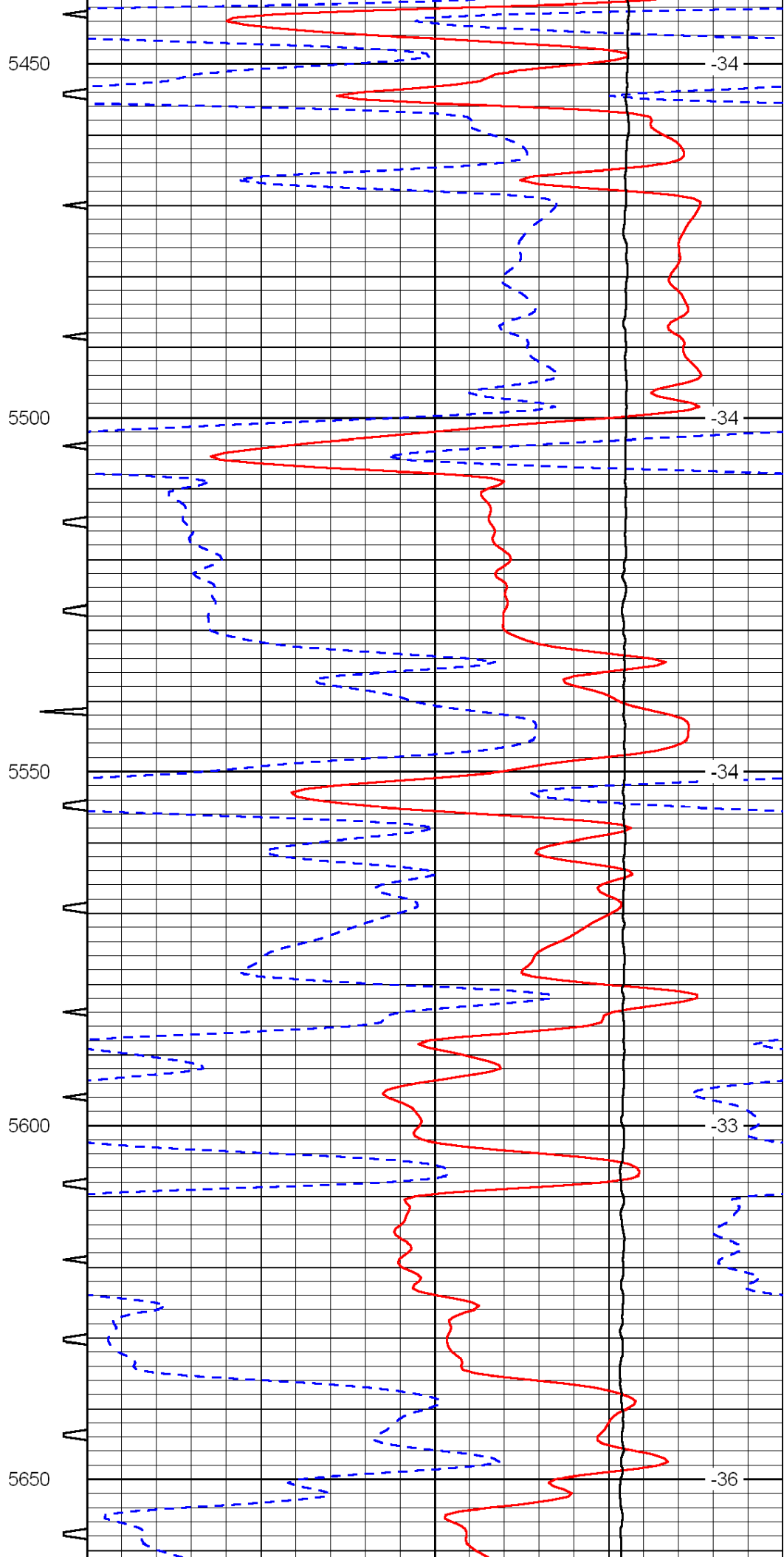
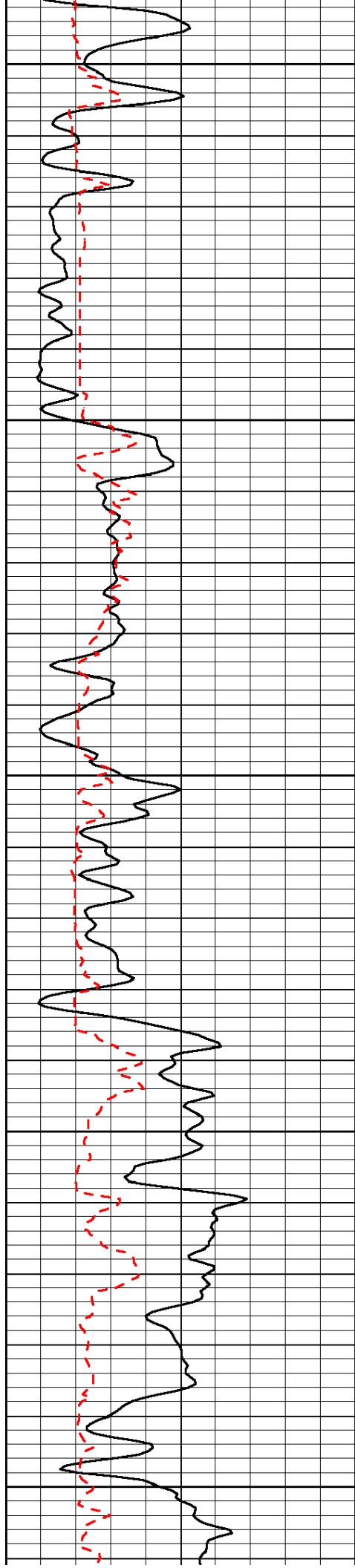


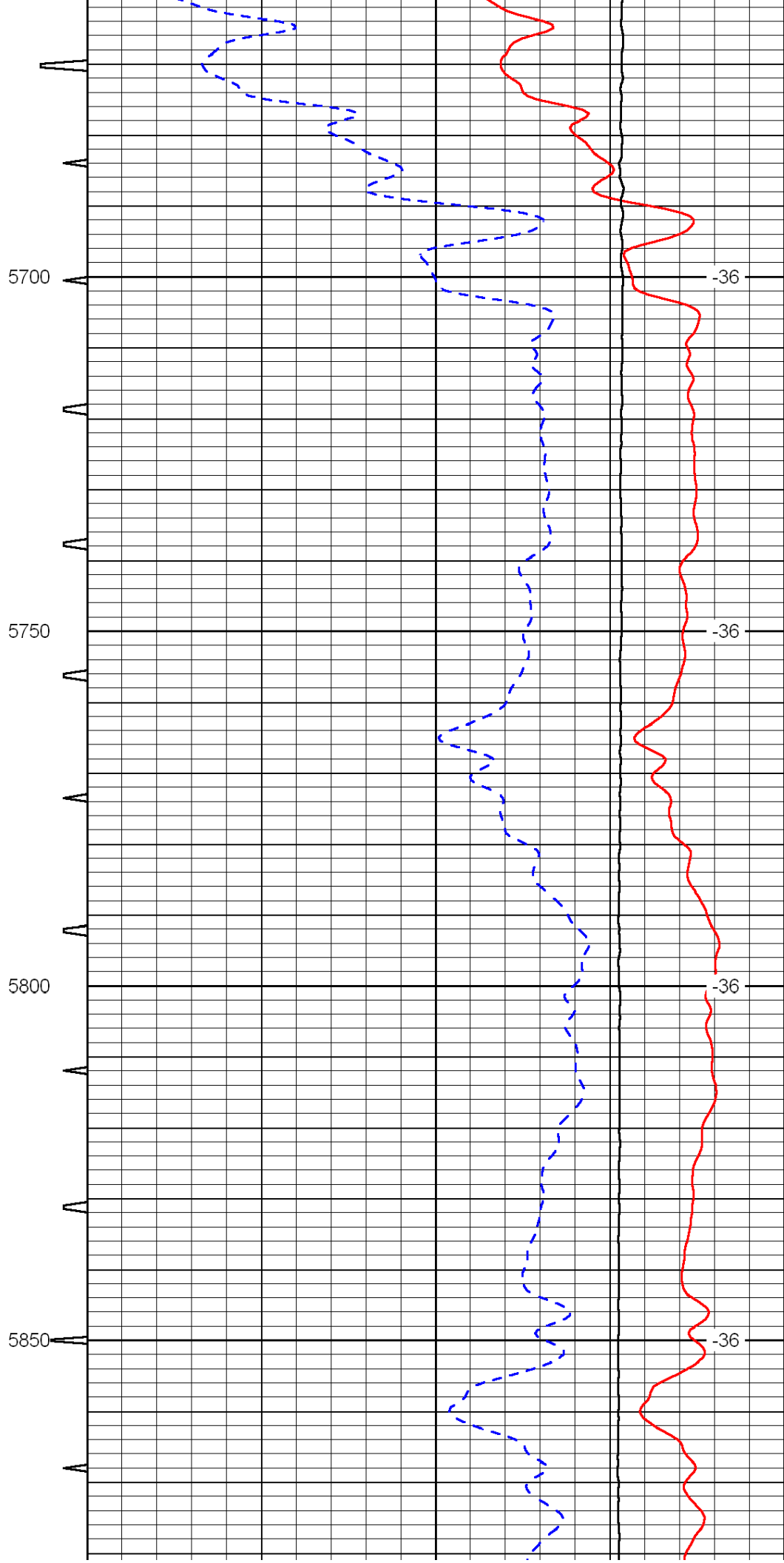
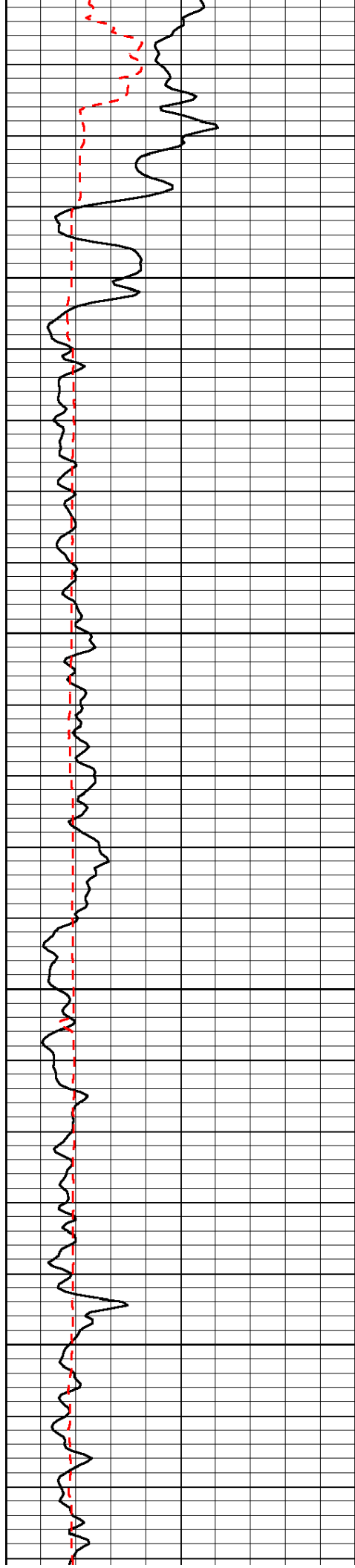


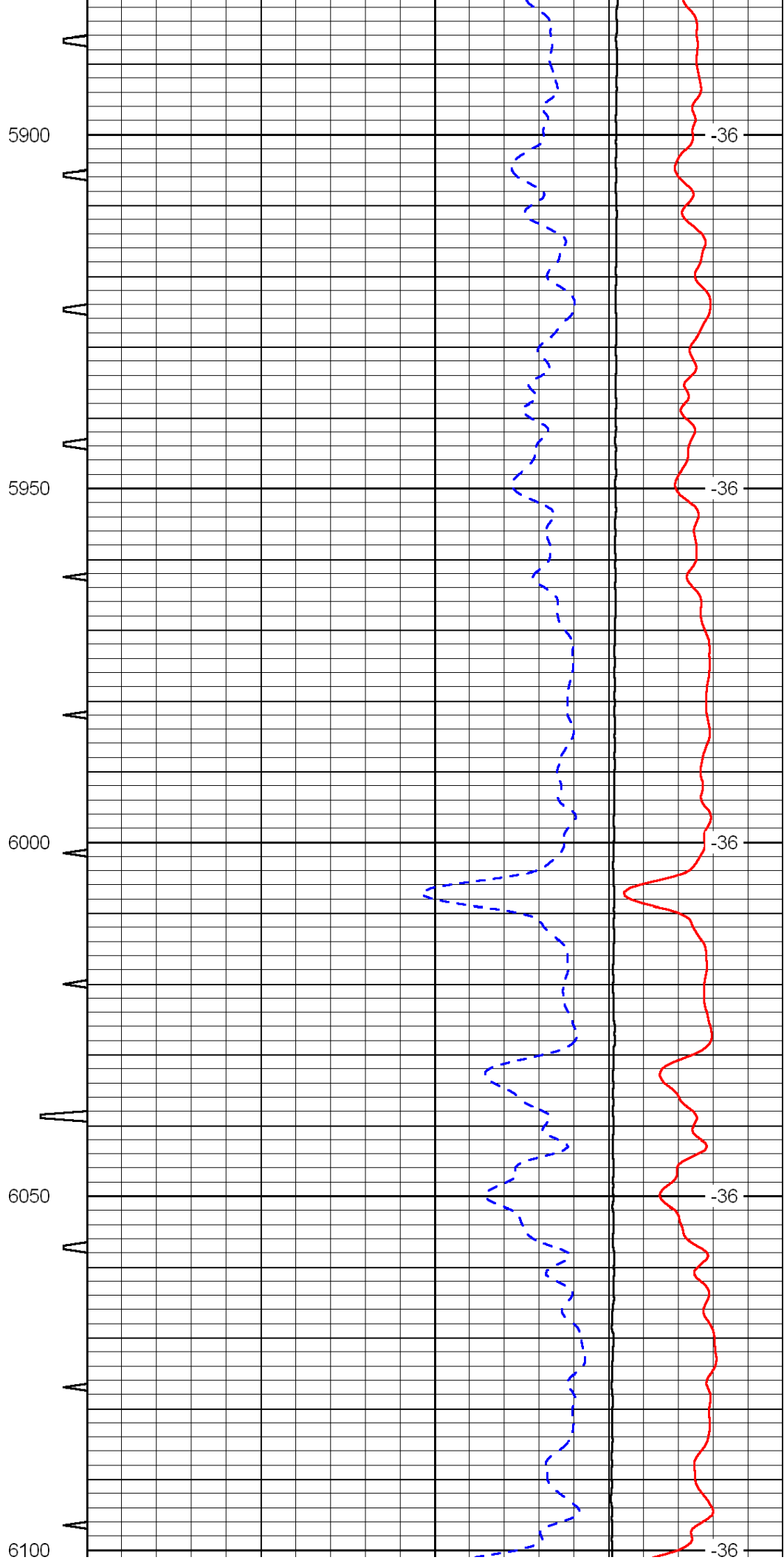
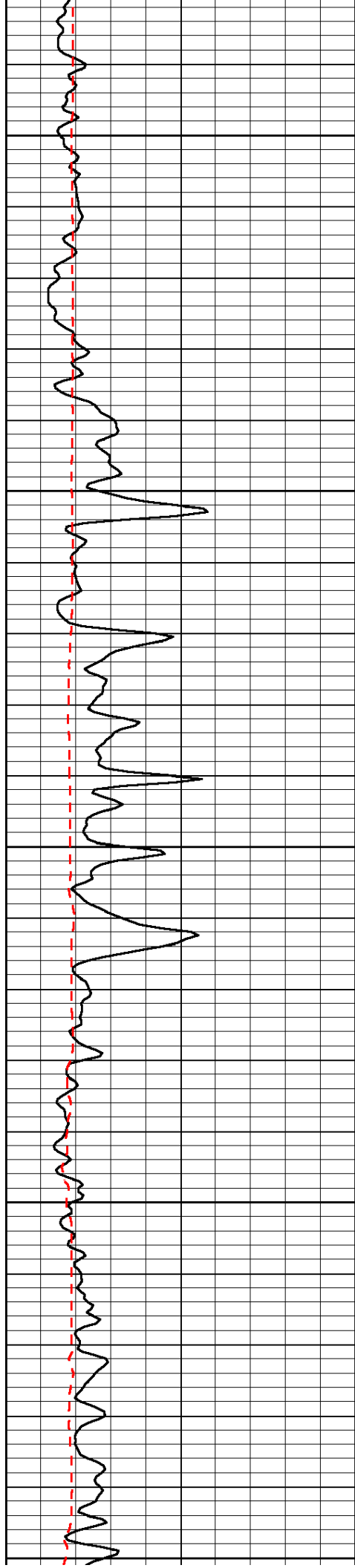


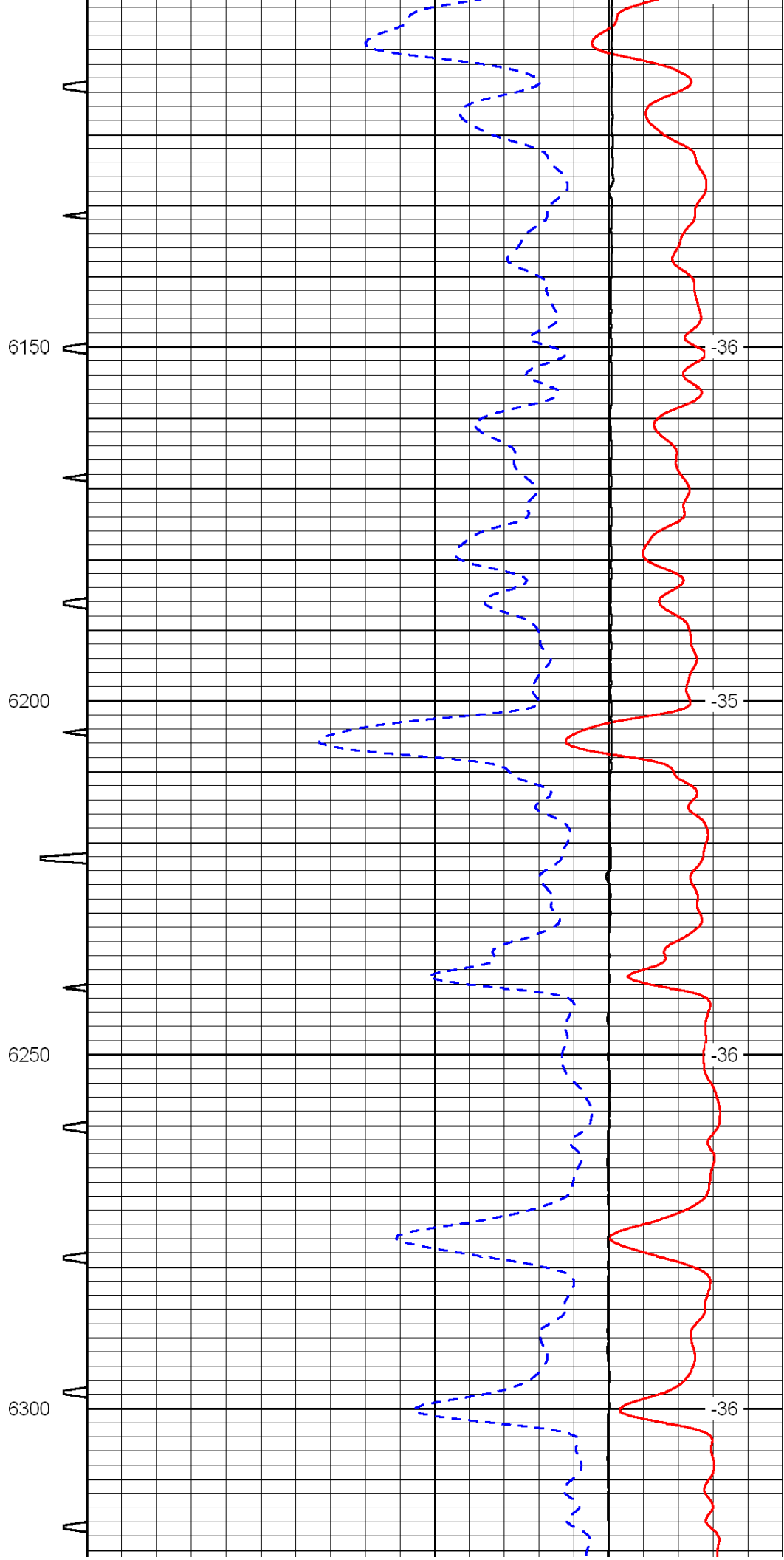
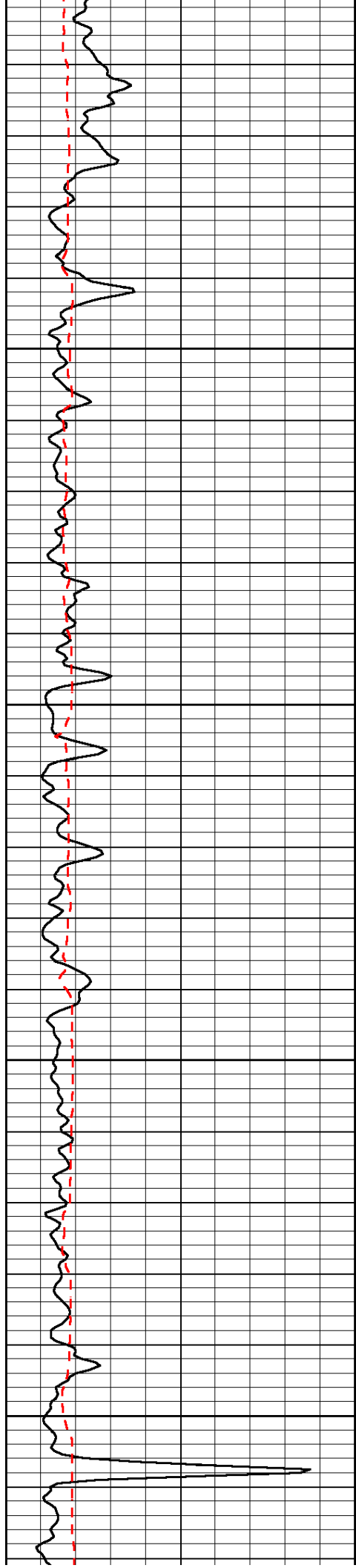


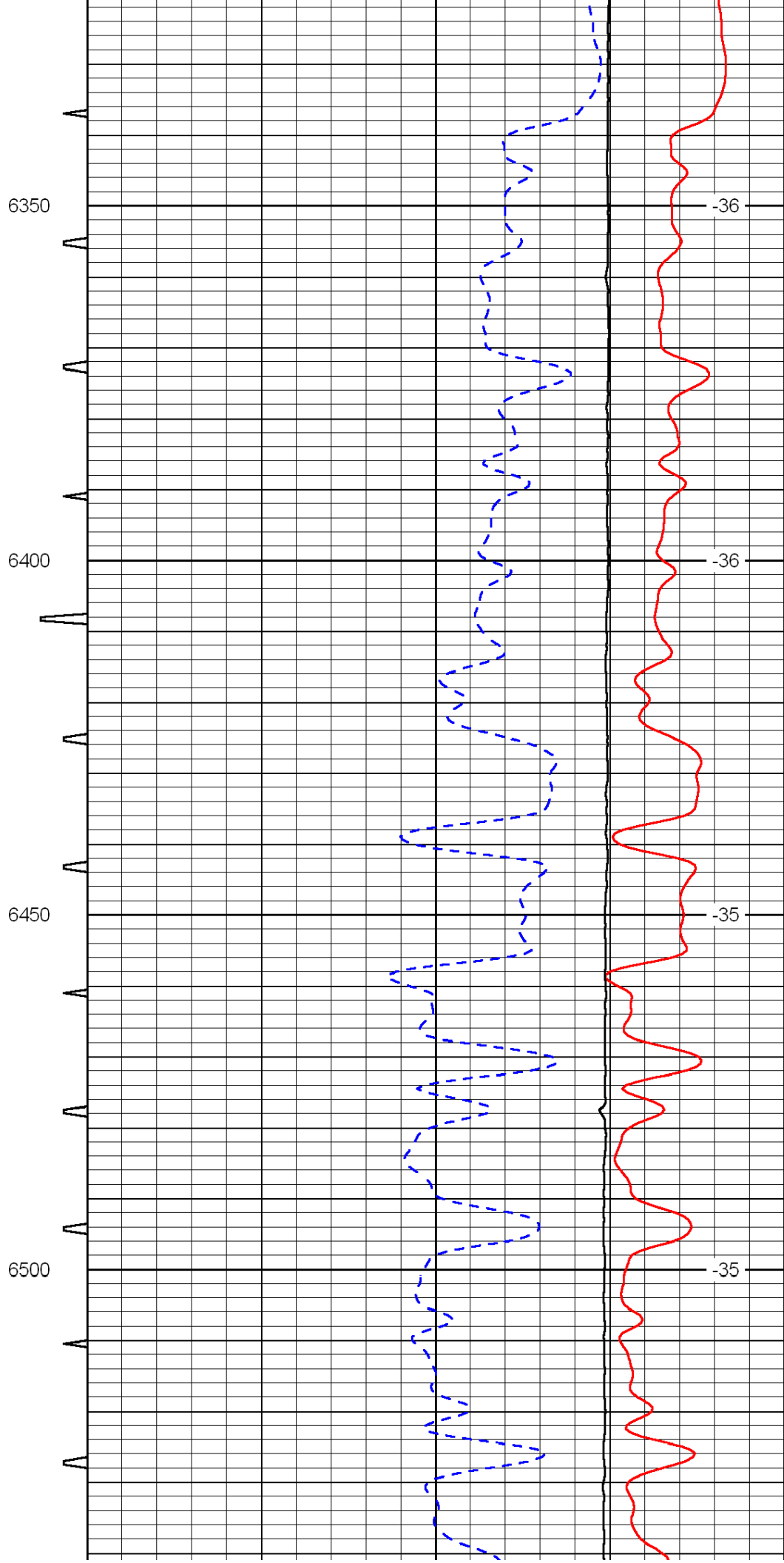
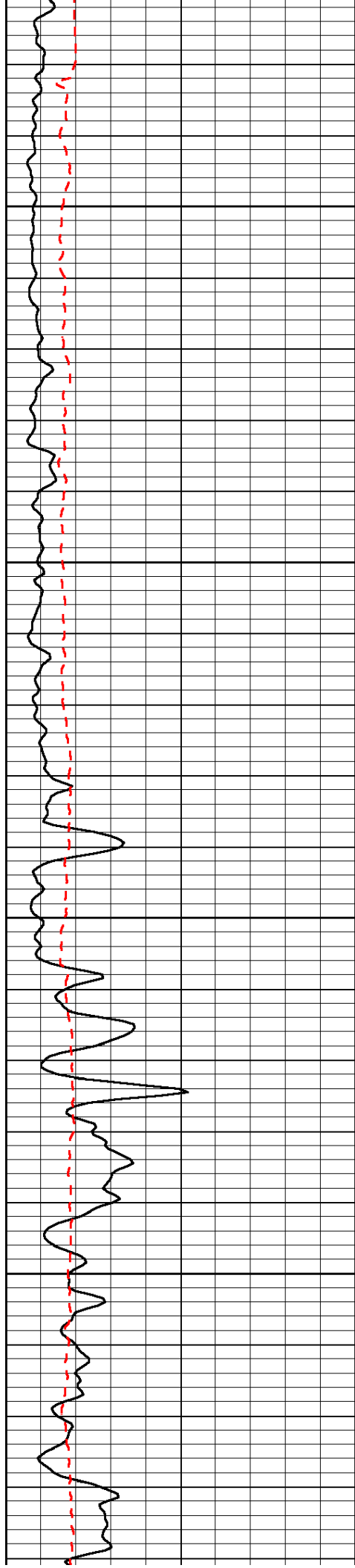


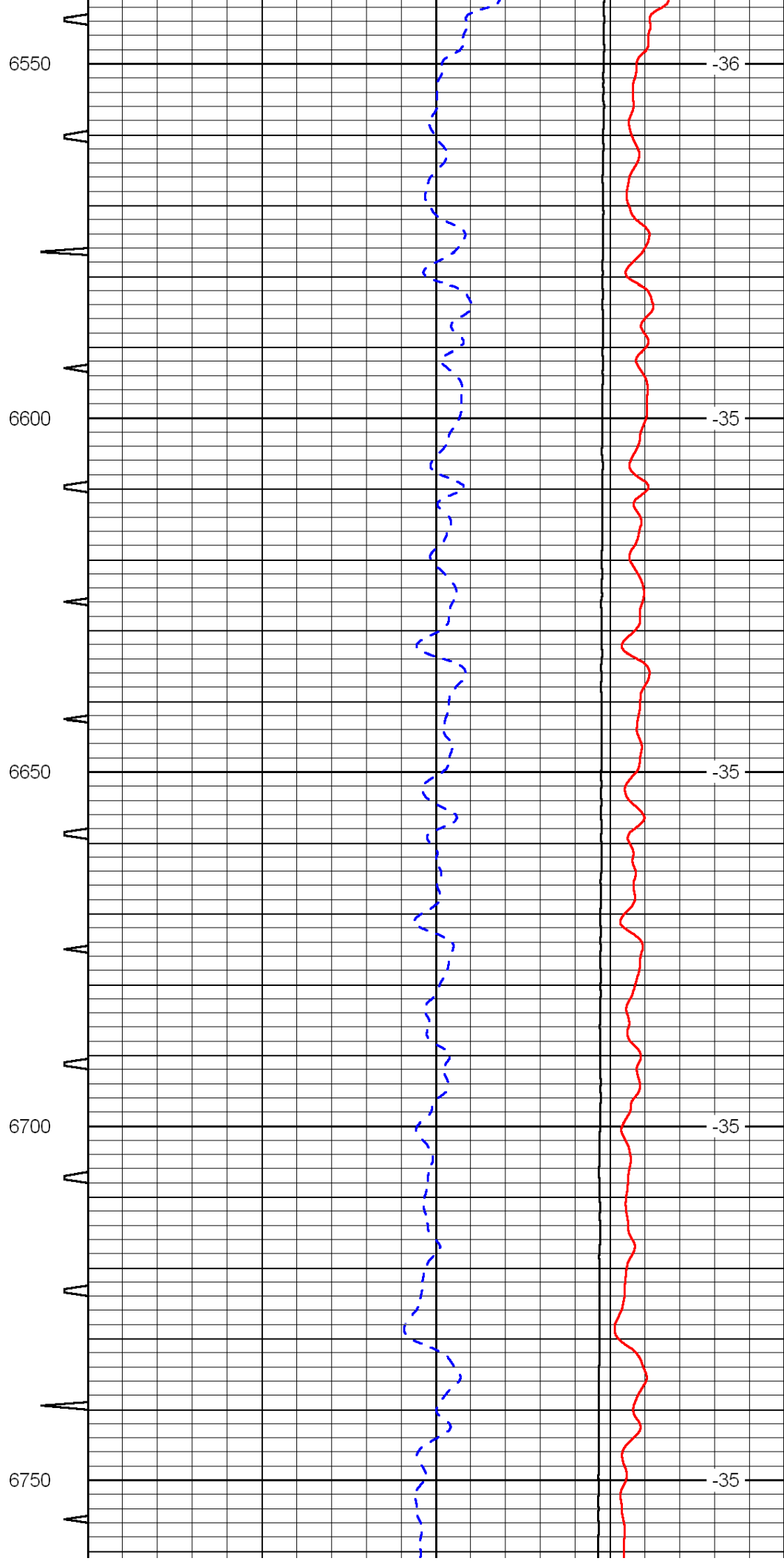
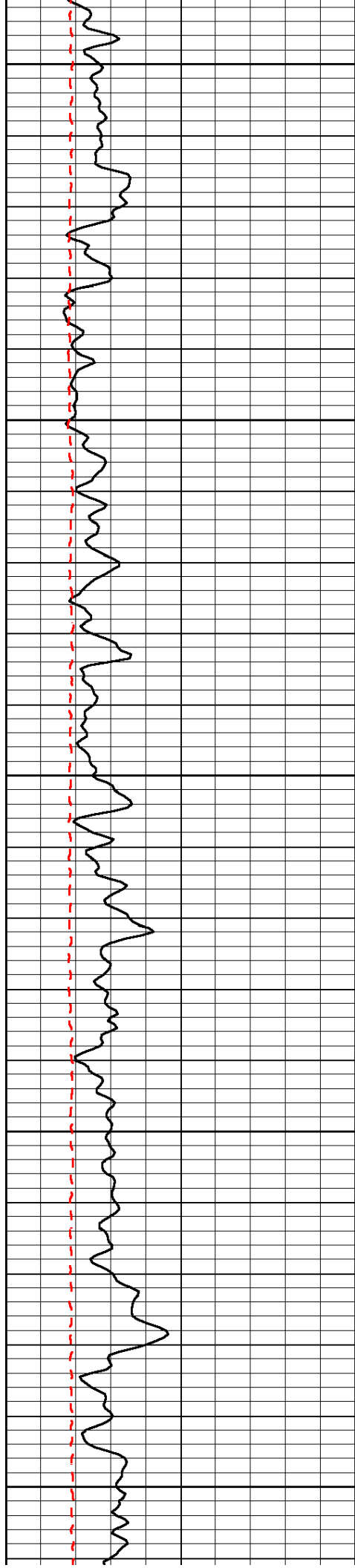


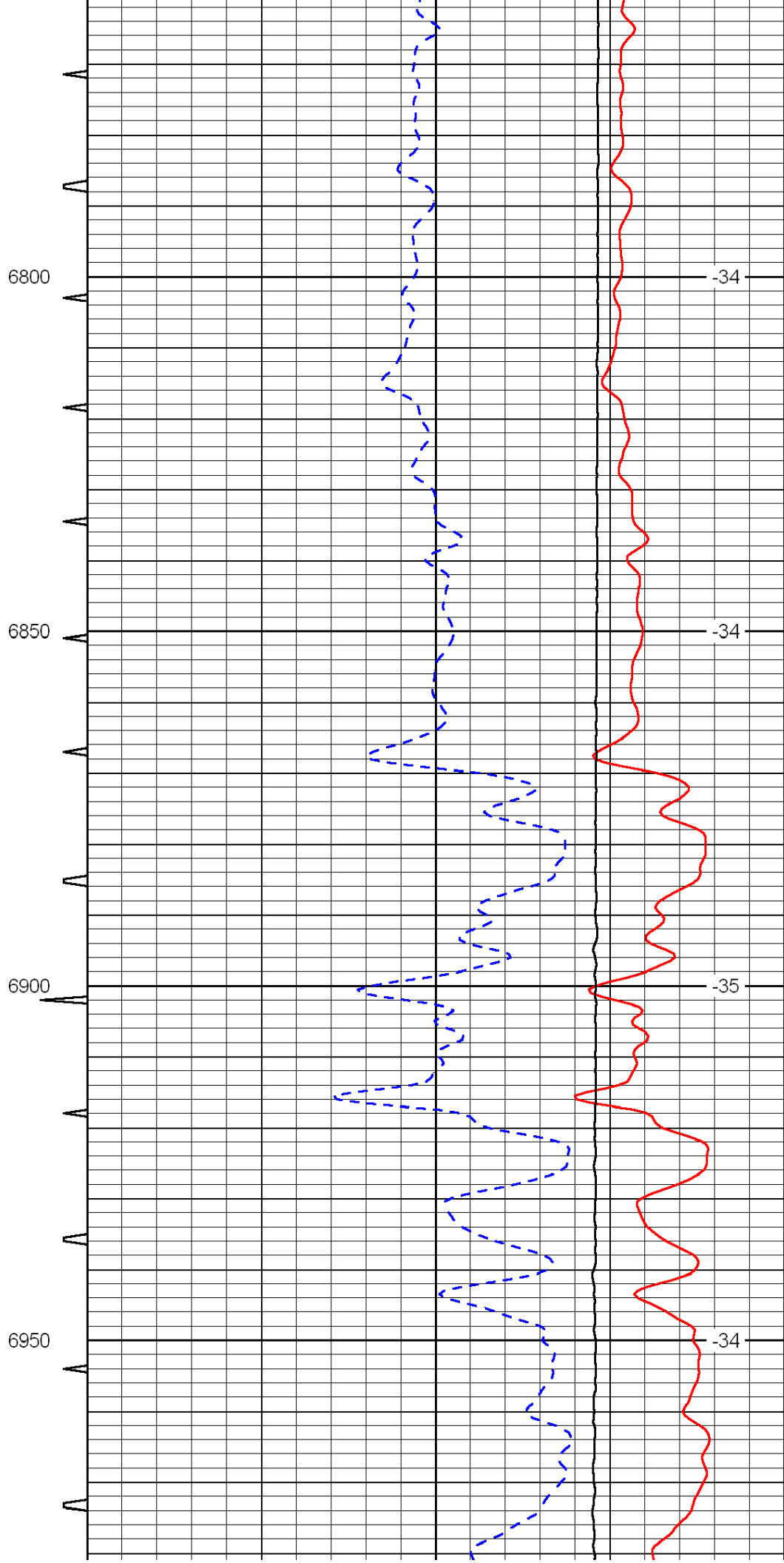
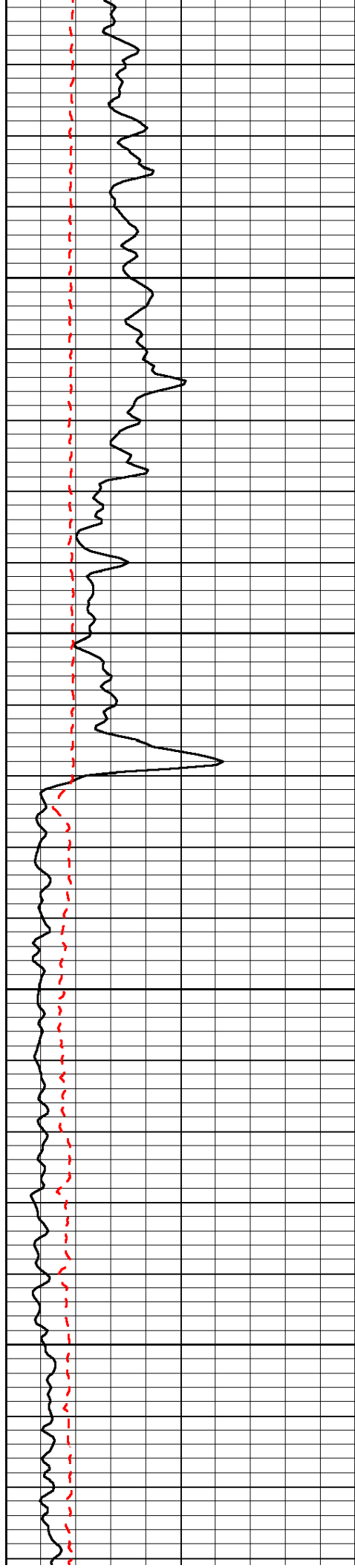


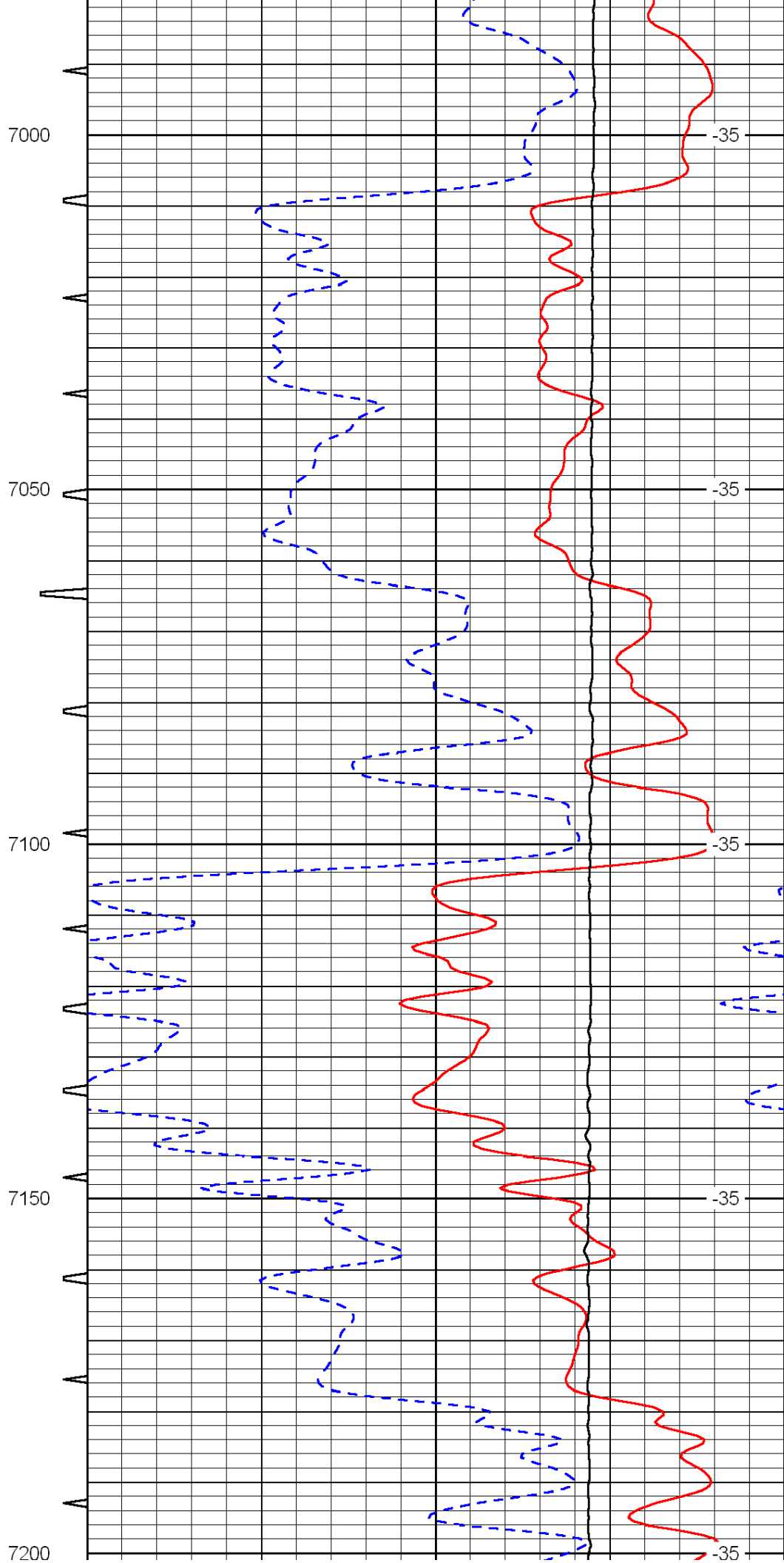
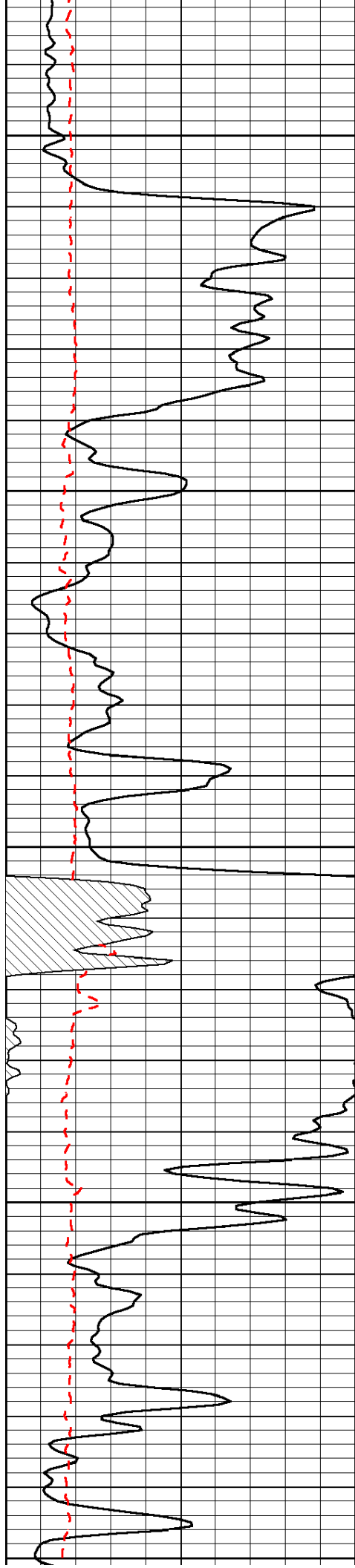


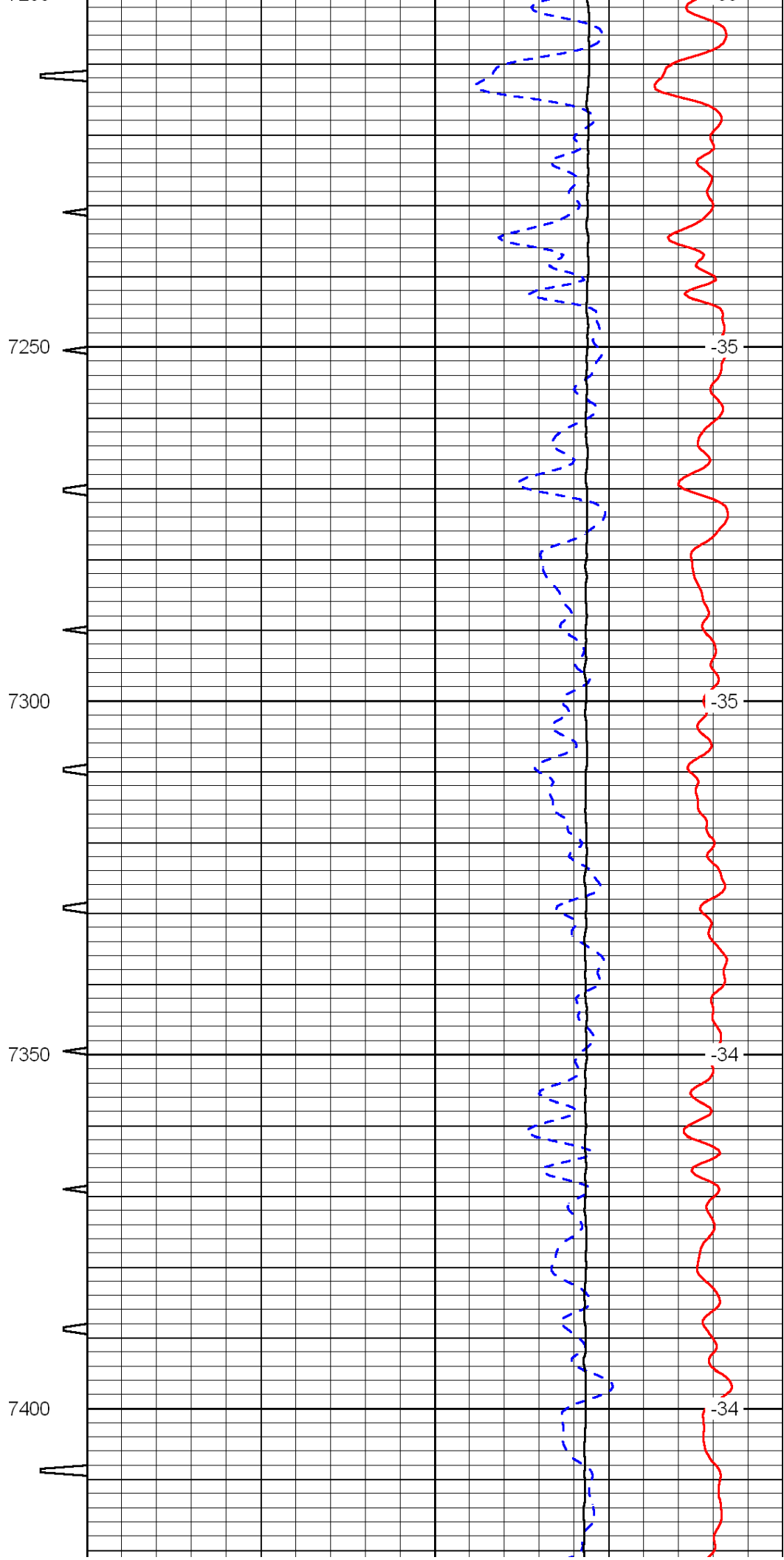
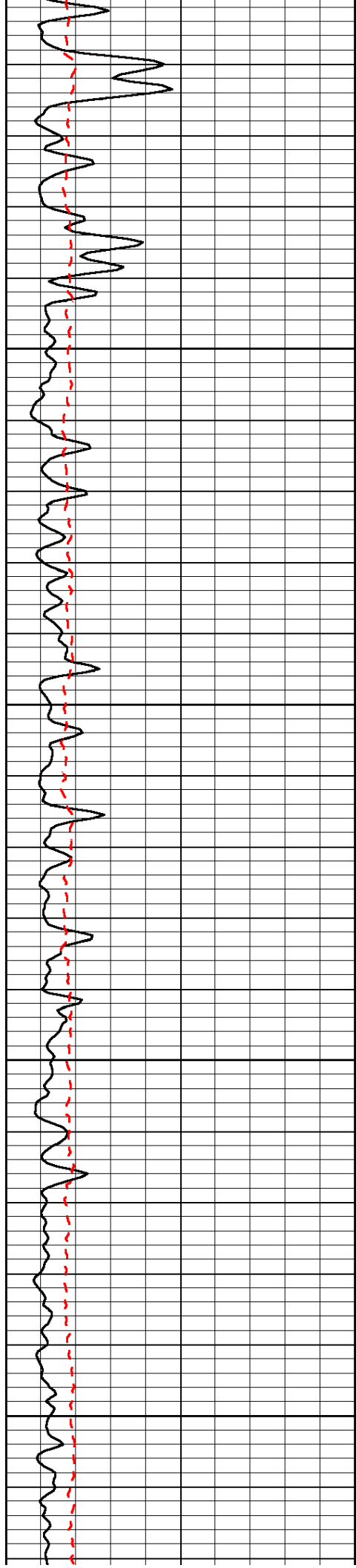


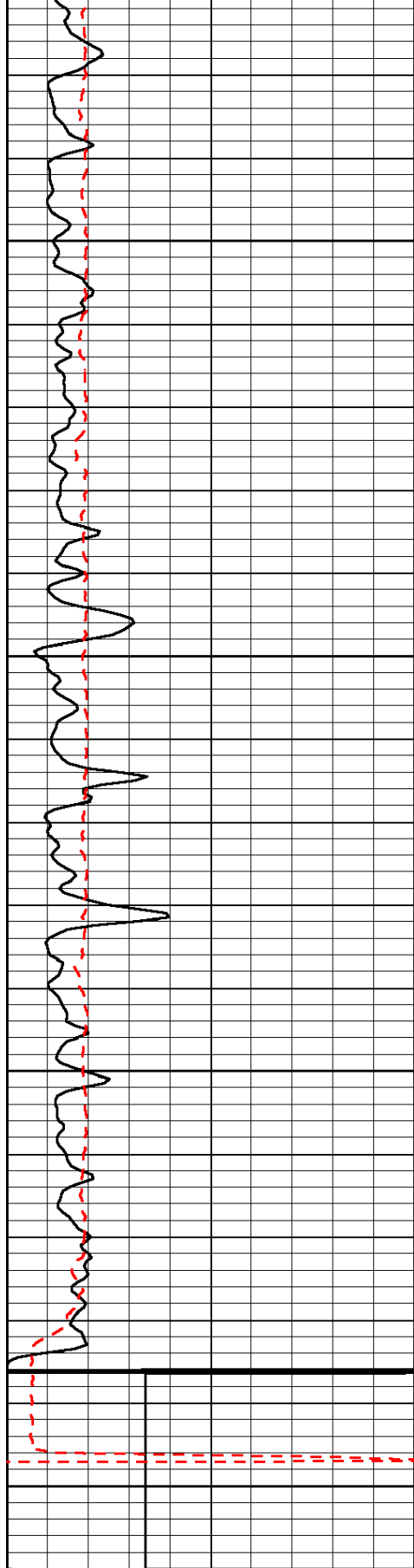




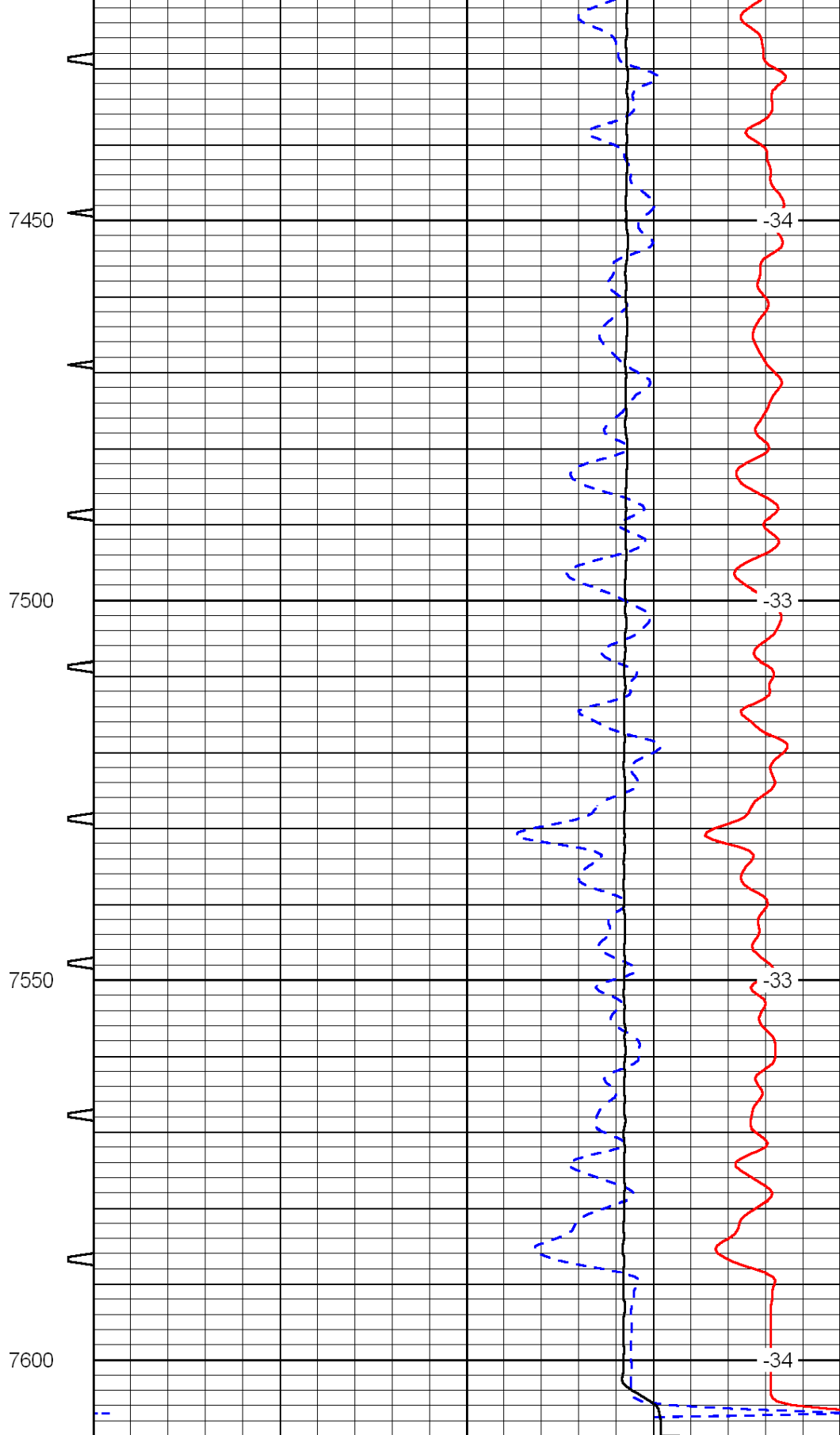








0	Gamma Ray	150
150	Gamma Ray	300
6	Caliper (GAPI)	16



Sonic Int	140	Delta Time (usec/ft)	40
5	0	SPOR	-10
	30	LTEN (lb)	0
	15000		

LSPD