



Borehole Compensated Sonic Log

DIGITAL LOG (785) 625-3858

API No.

15-033-21,545-00-00

Company Murfin Drilling Co., Inc.

Well Schweitzer No. 2-7

Field Comanche

County Comanche

State Kansas

Location

900' FNL & 330' FWL

Other Services
CNL/CDL
MEL/DIL

Sec: 7

Twp: 32S

Rge: 20W

Elevation

Permanent Datum

Ground Level

Elevation 1930

Log Measured From Kelly Bushing

11 Ft. Above Perm. Datum

K.B. 1941
D.F. 1930
G.L. 1930

Date

01/17/2009

Run Number

Two

Type Log

BHC Sonic

Depth Driller

5270

Depth Logger

5288

Bottom Logged Interval

5277

Top Logged Interval

550

Type Fluid In Hole

Chemical

Salinity, PPM CL

8,000

Density

9.5

Level

Full

Max. Rec. Temp. F

131

Operating Rig Time

5 Hours

Equipment -- Location

10 Hays

Recorded By

Jason Wellbrock

Witnessed By

Jeff Christian

Borehole Record

Casing Record

Run No	Bit	From	To	Size	Wgt.	From	To
1	18.25	00	580	13.375	24#	00	580
2	7.875	580	5270				

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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.

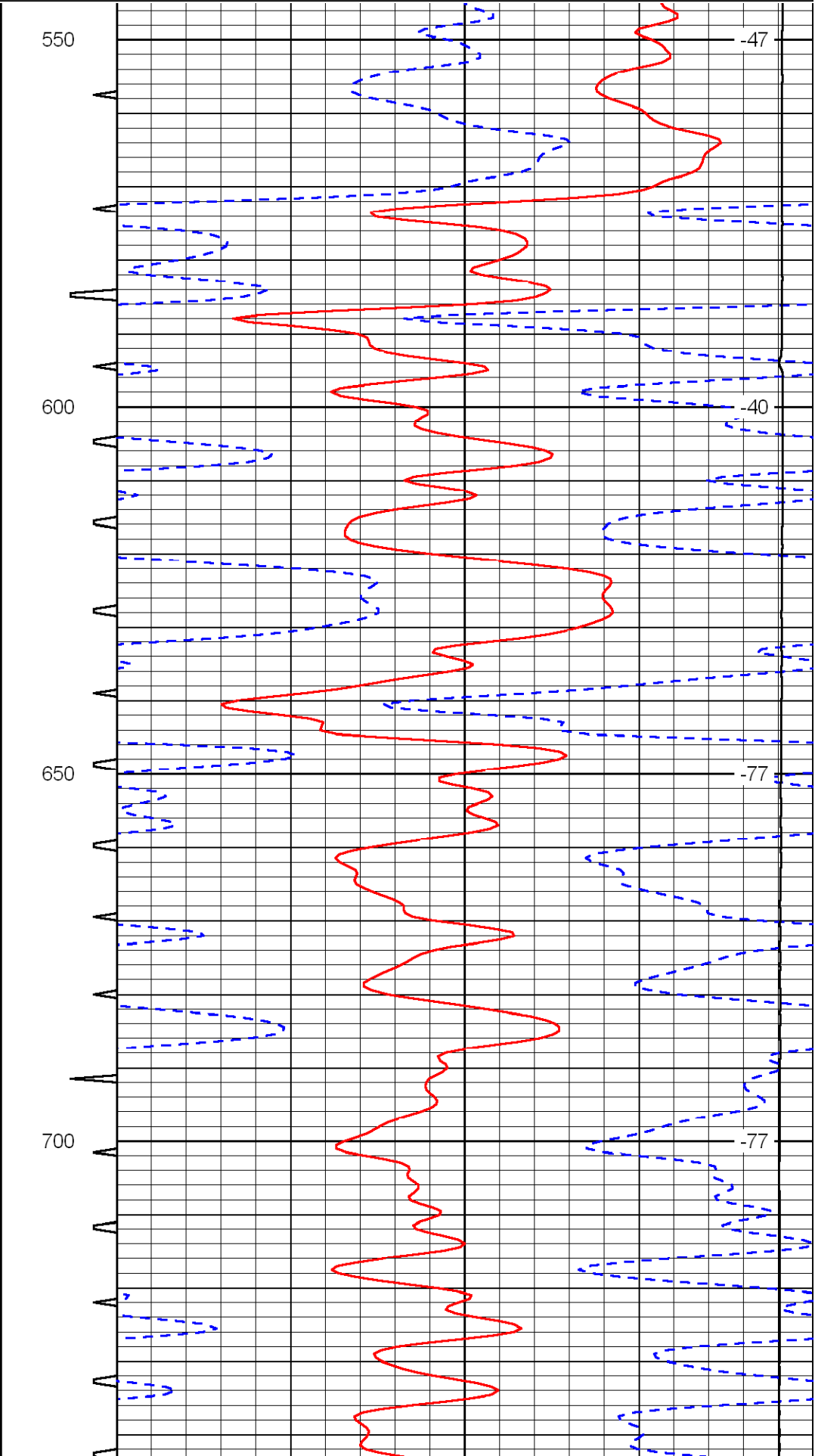
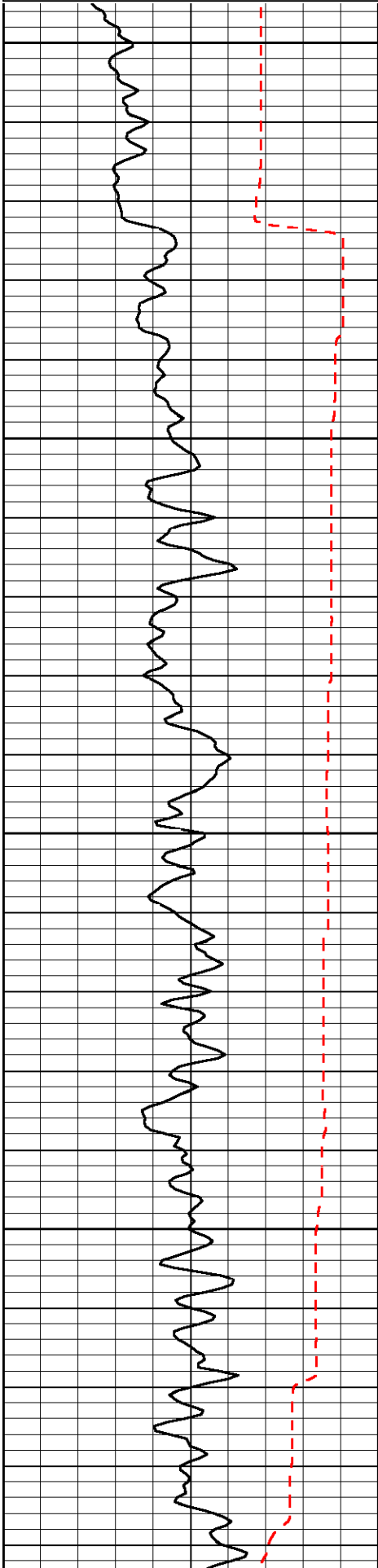
Comments

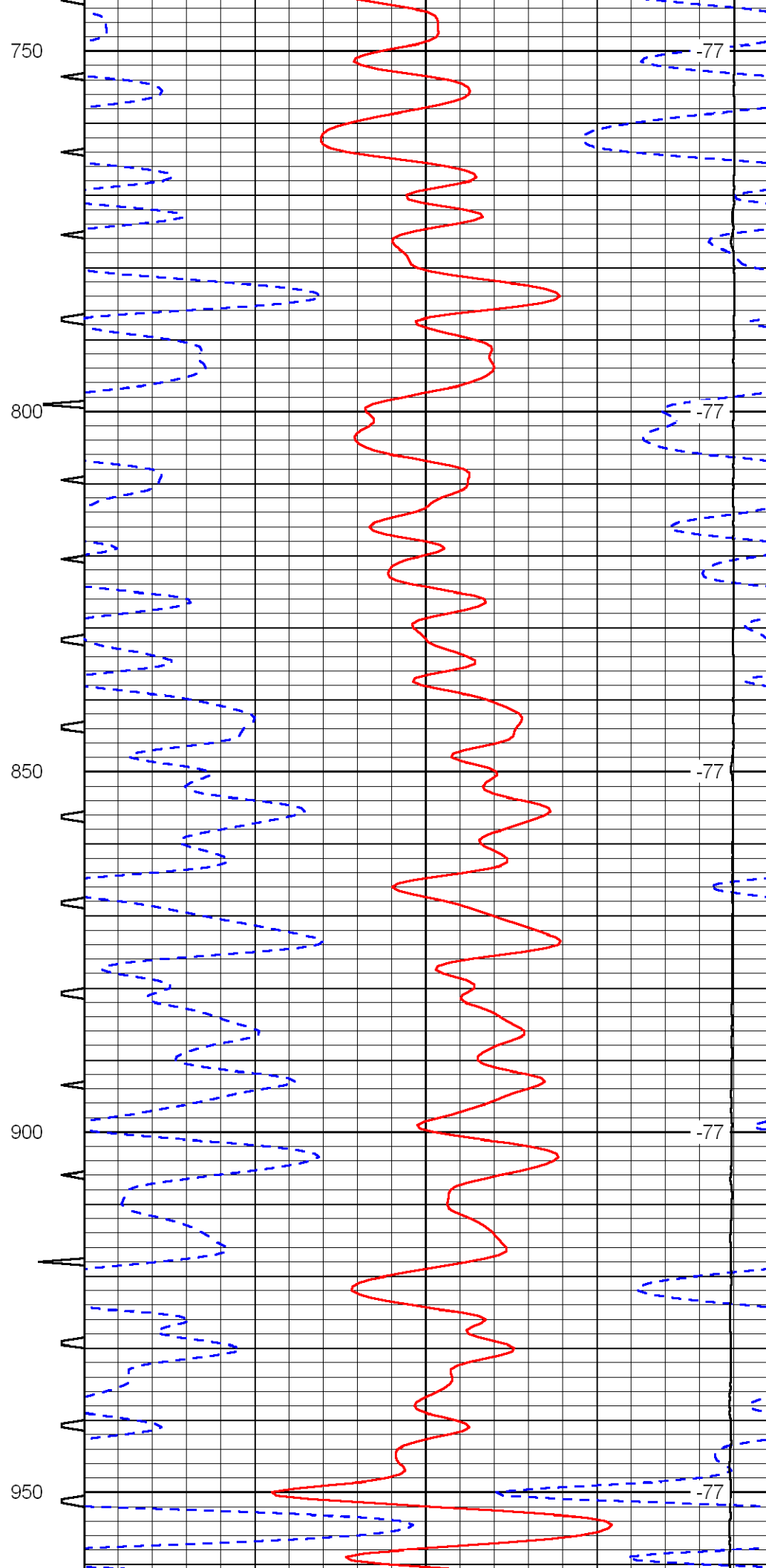
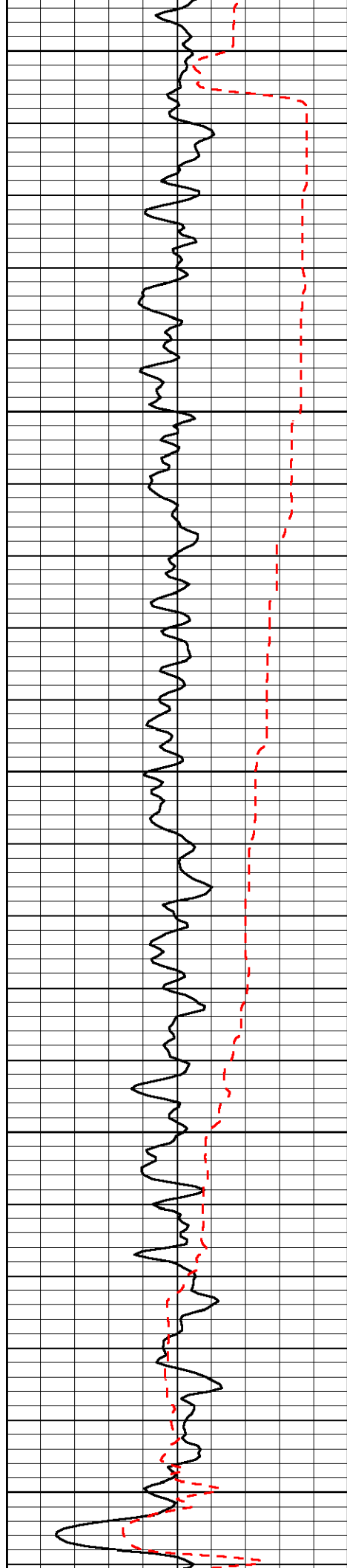
Thank you for using Log-Tech, Inc.
(785) 625-3858

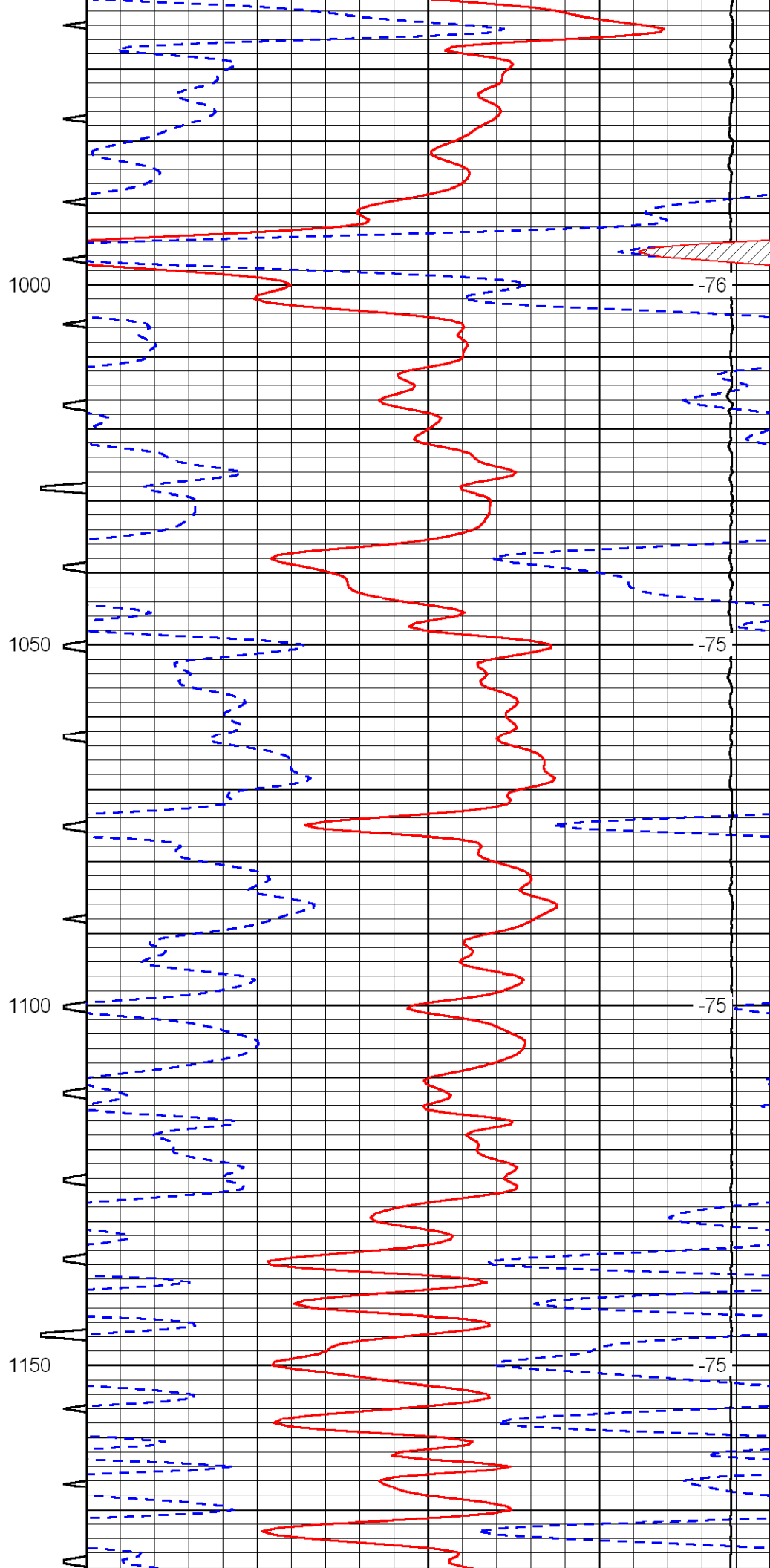
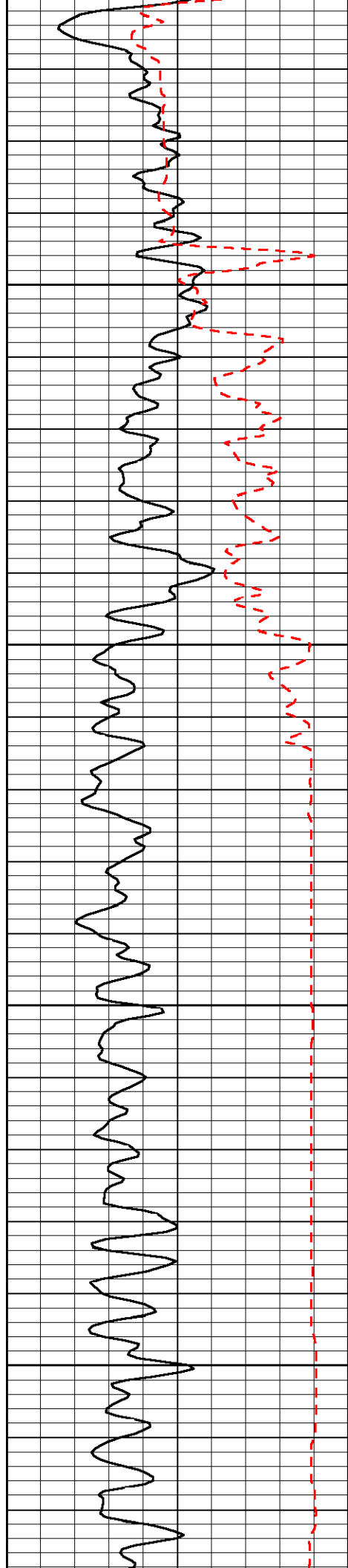
Protection 4 N, 3 W, 1 N, E Into

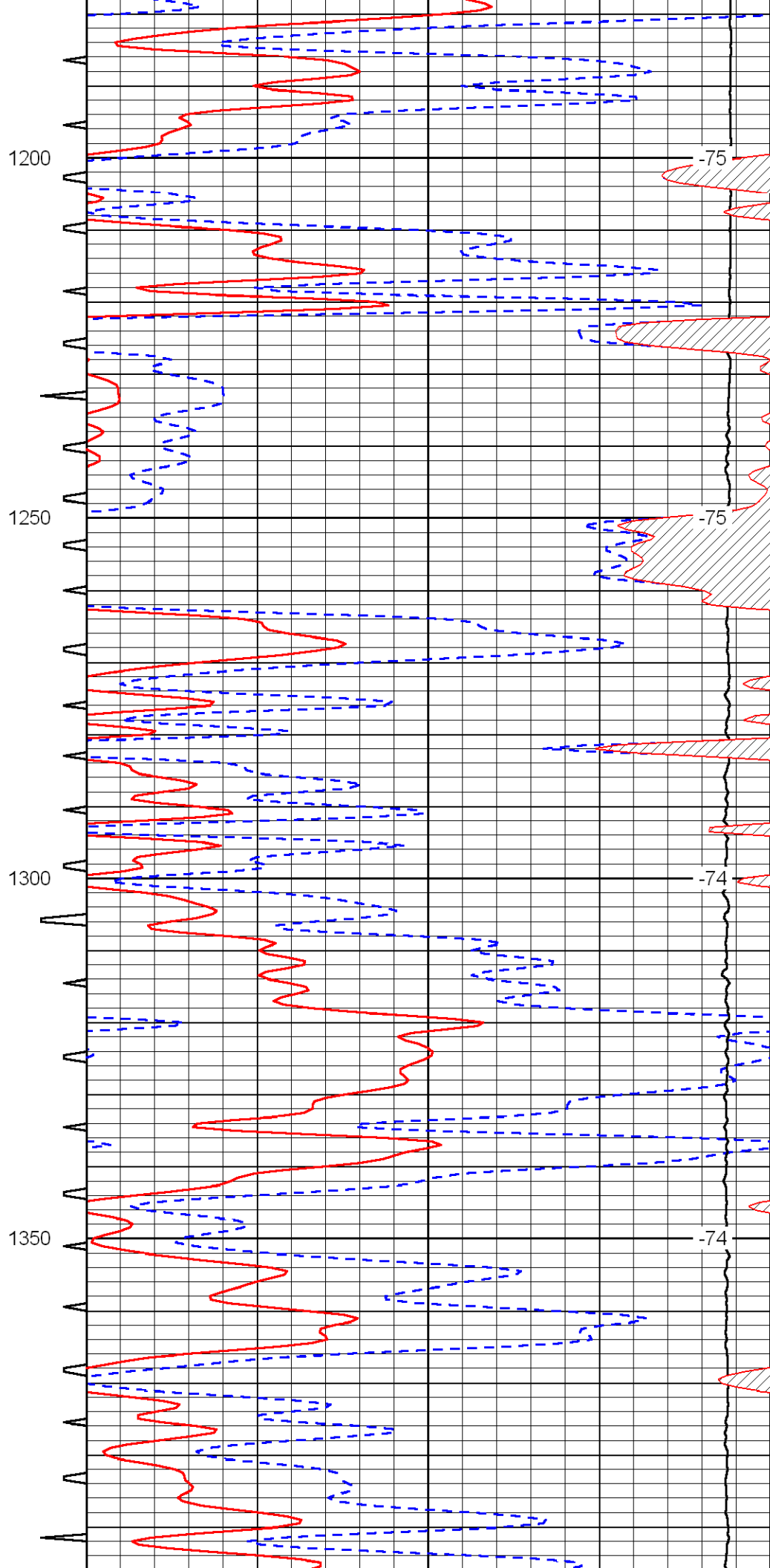
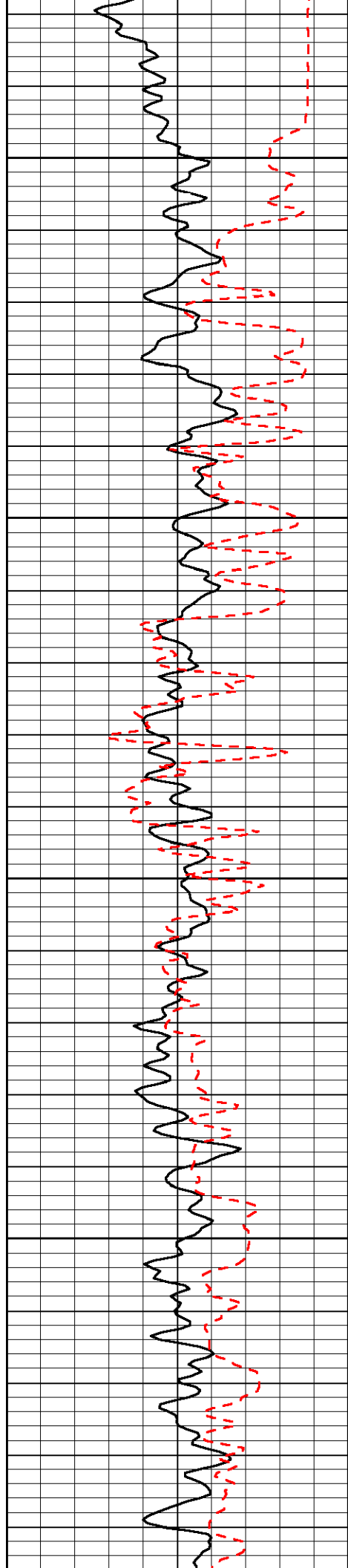
Database File: c:\warrior\data\murfin_schweitzer no. 2-7\murfdhd.db
Dataset Pathname: dil\murf2in
Presentation Format: sonic
Dataset Creation: Sat Jan 17 05:38:00 2009
Charted by: Depth in Feet scaled 1:240

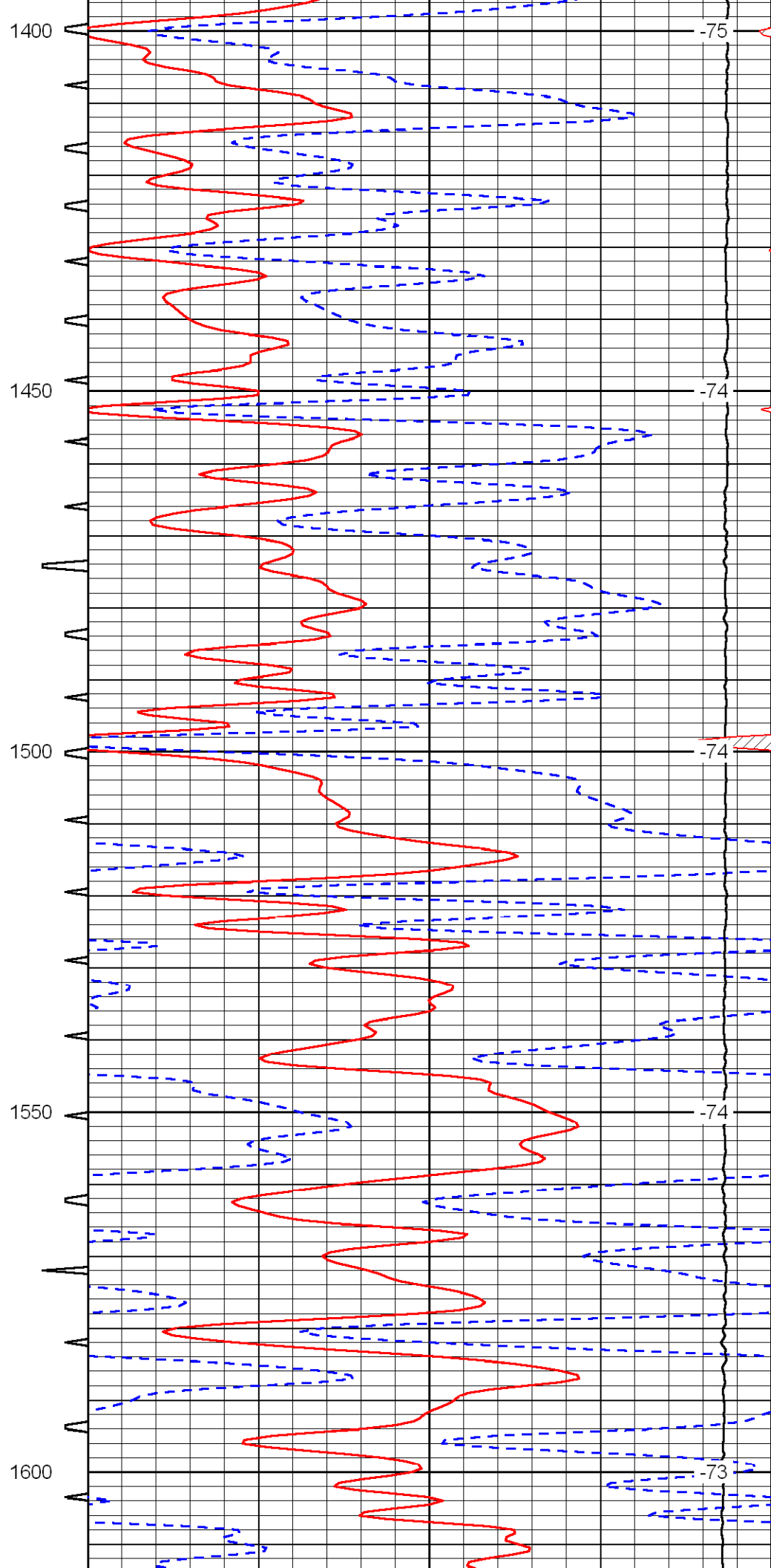
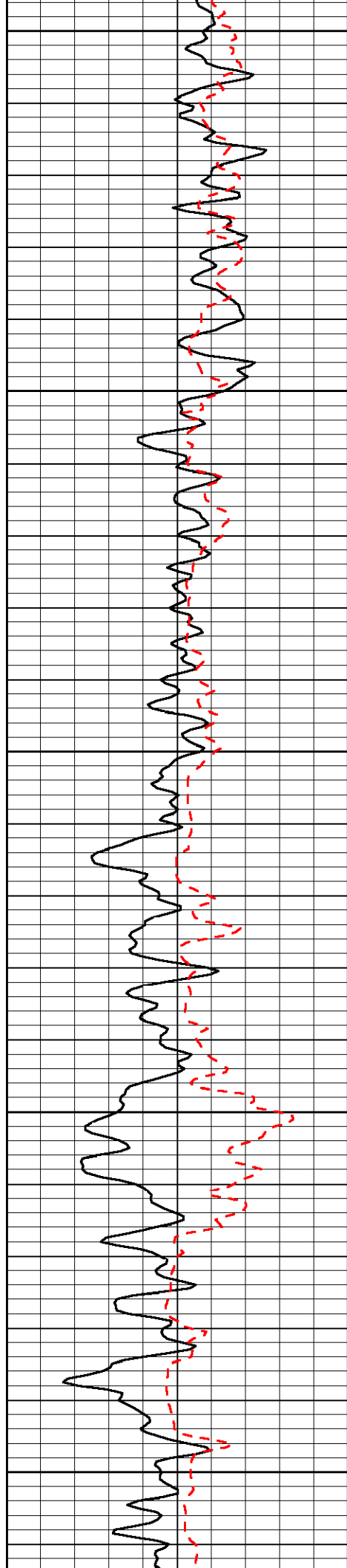
0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft)	40
150	Gamma Ray	300	5	0	SPOR	-10
6	Caliper (GAPI)	16		30	LTEN (lb)	0
						LSPD

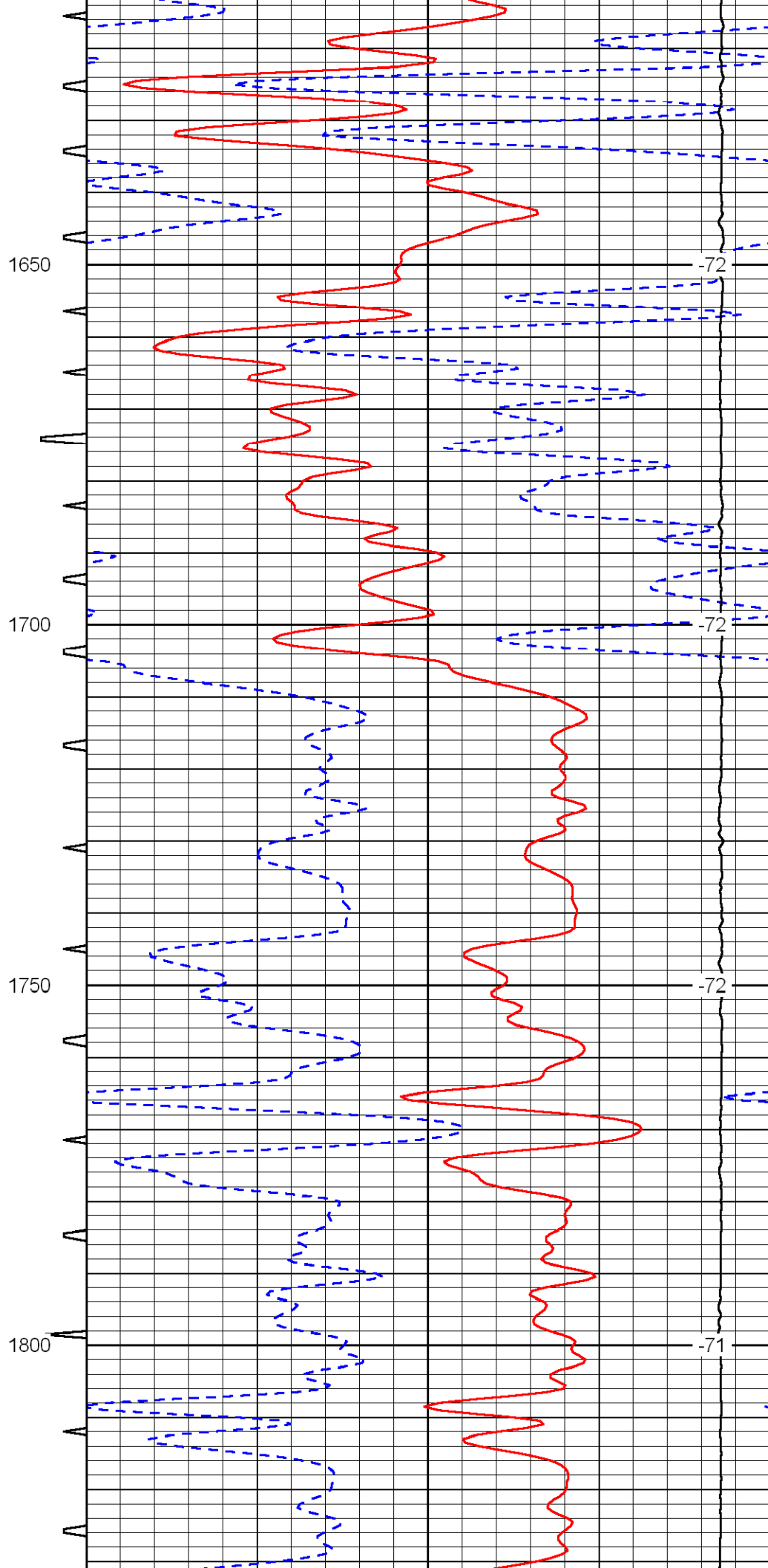
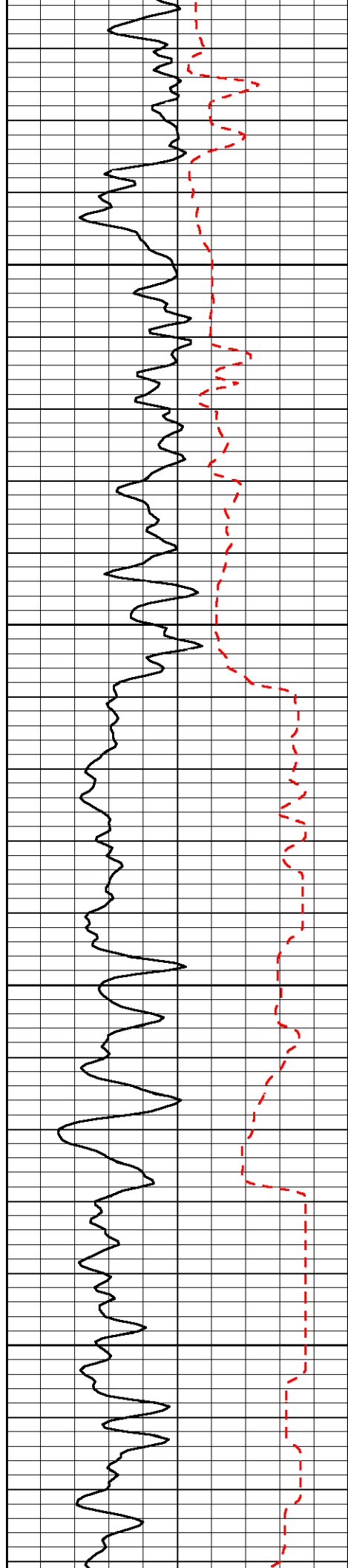


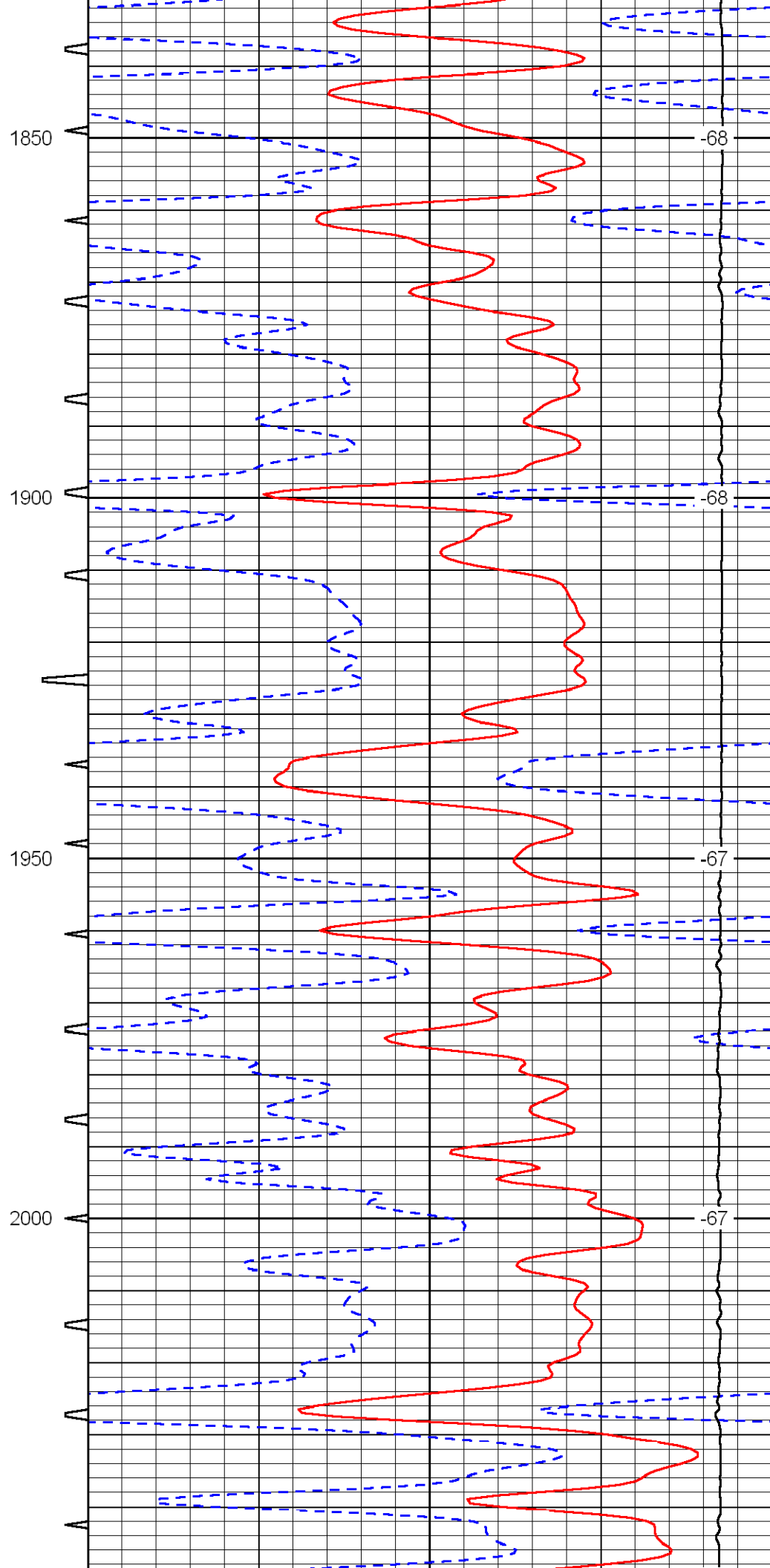
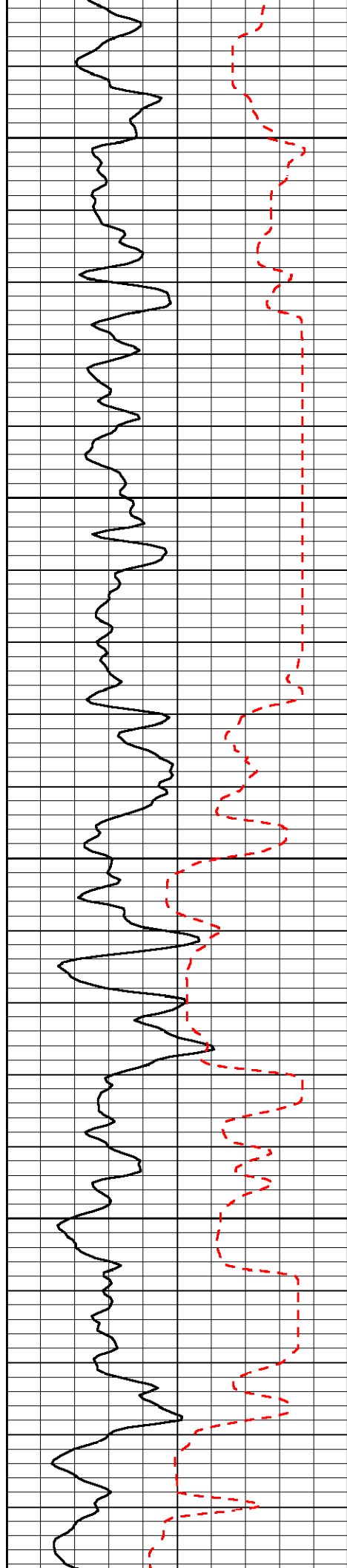


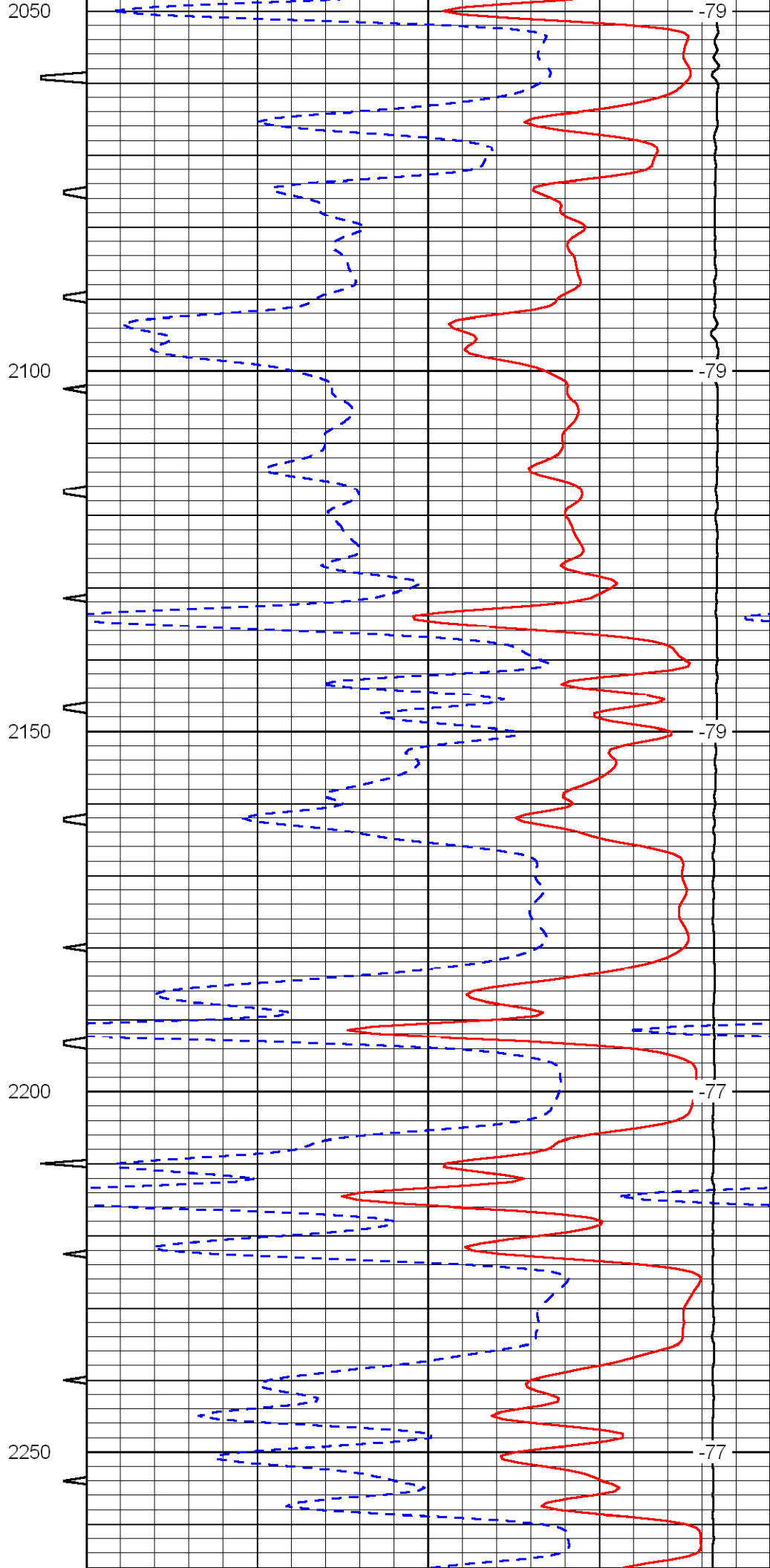
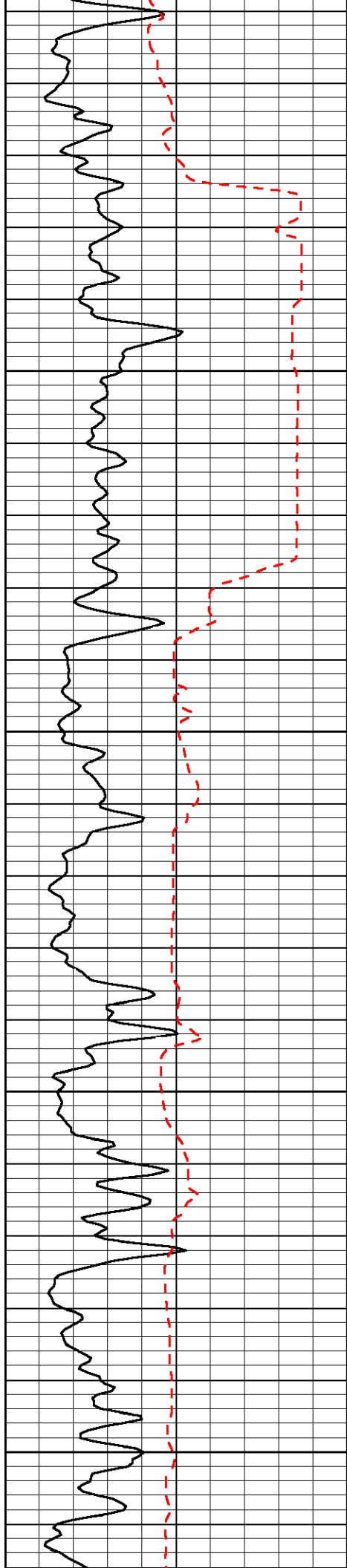


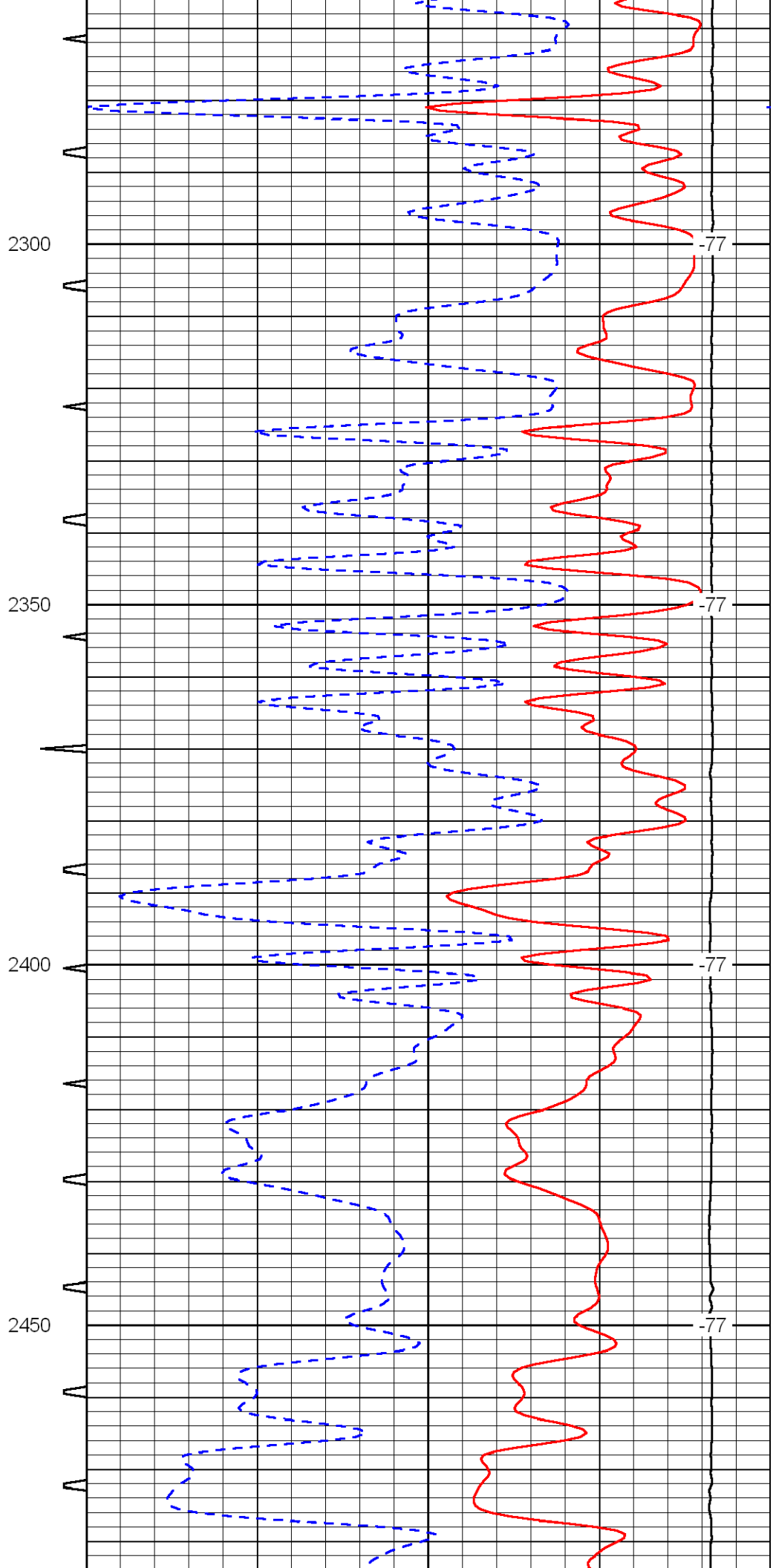
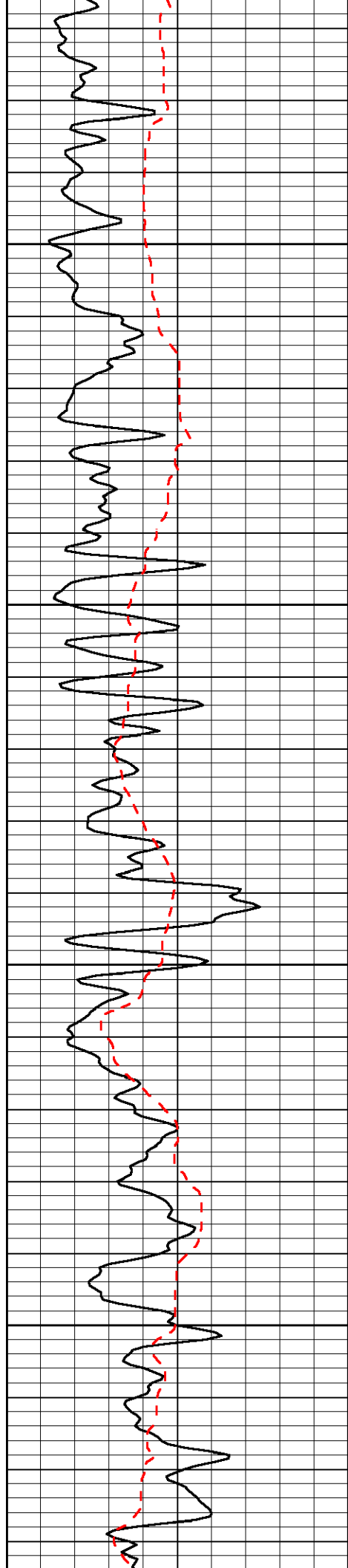


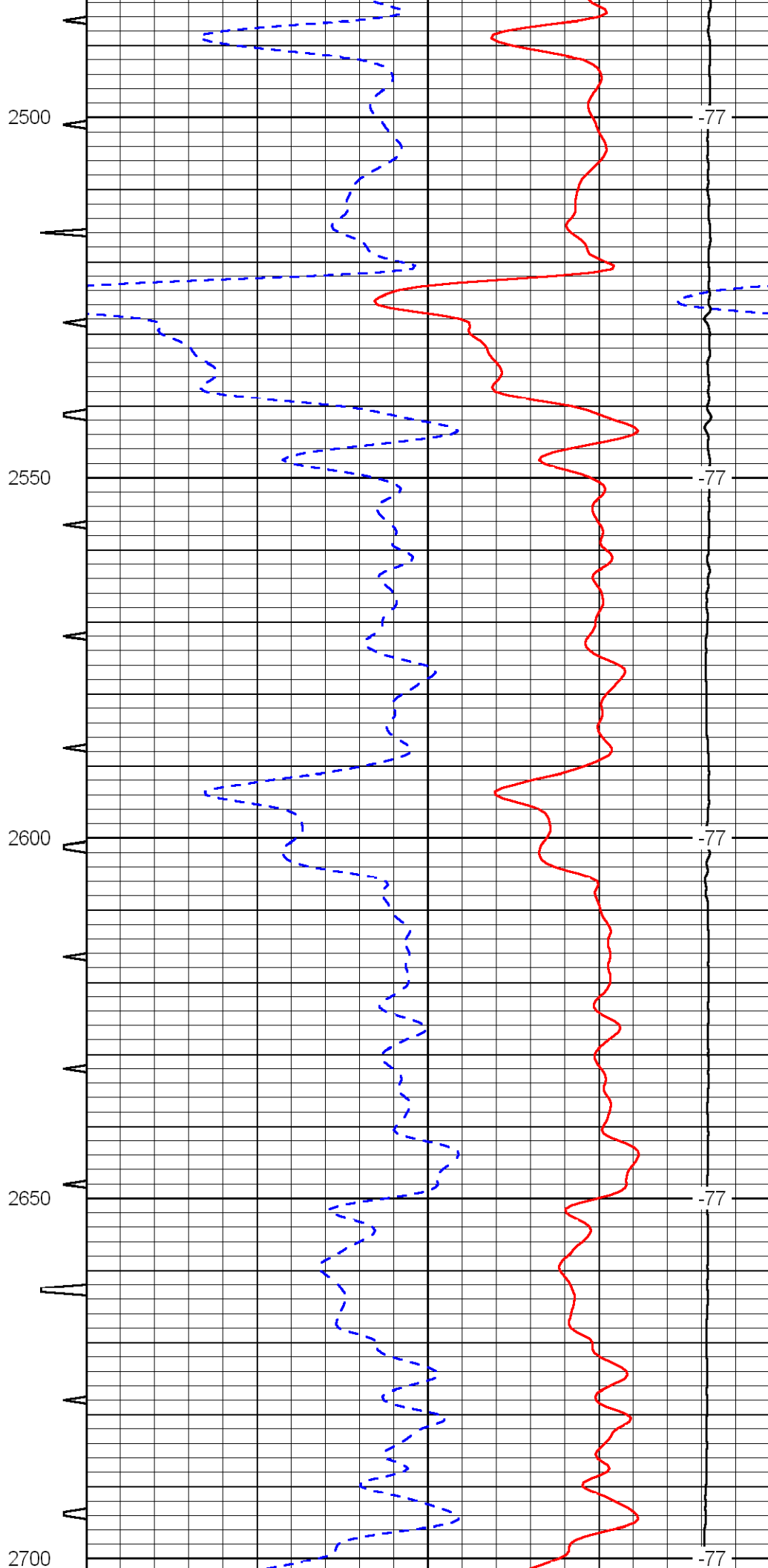
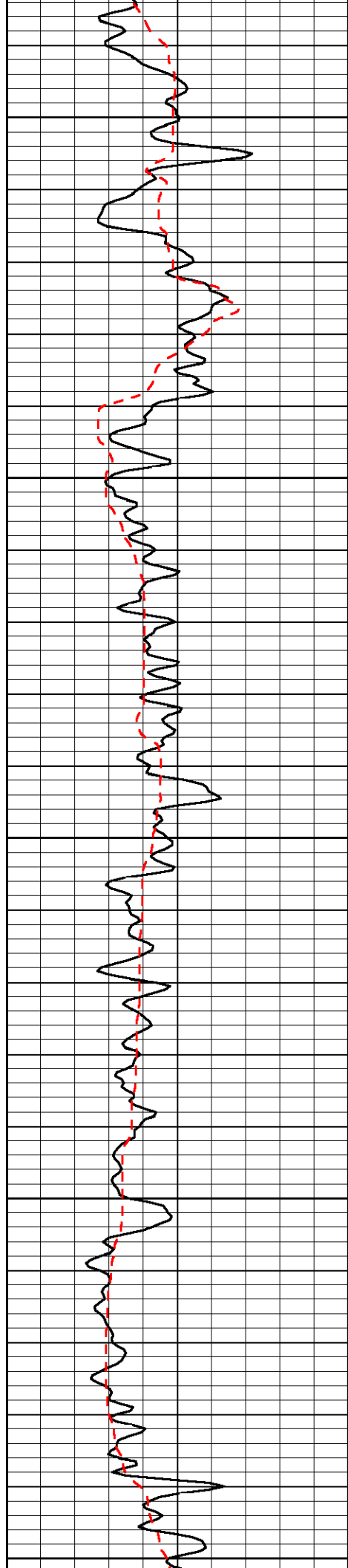


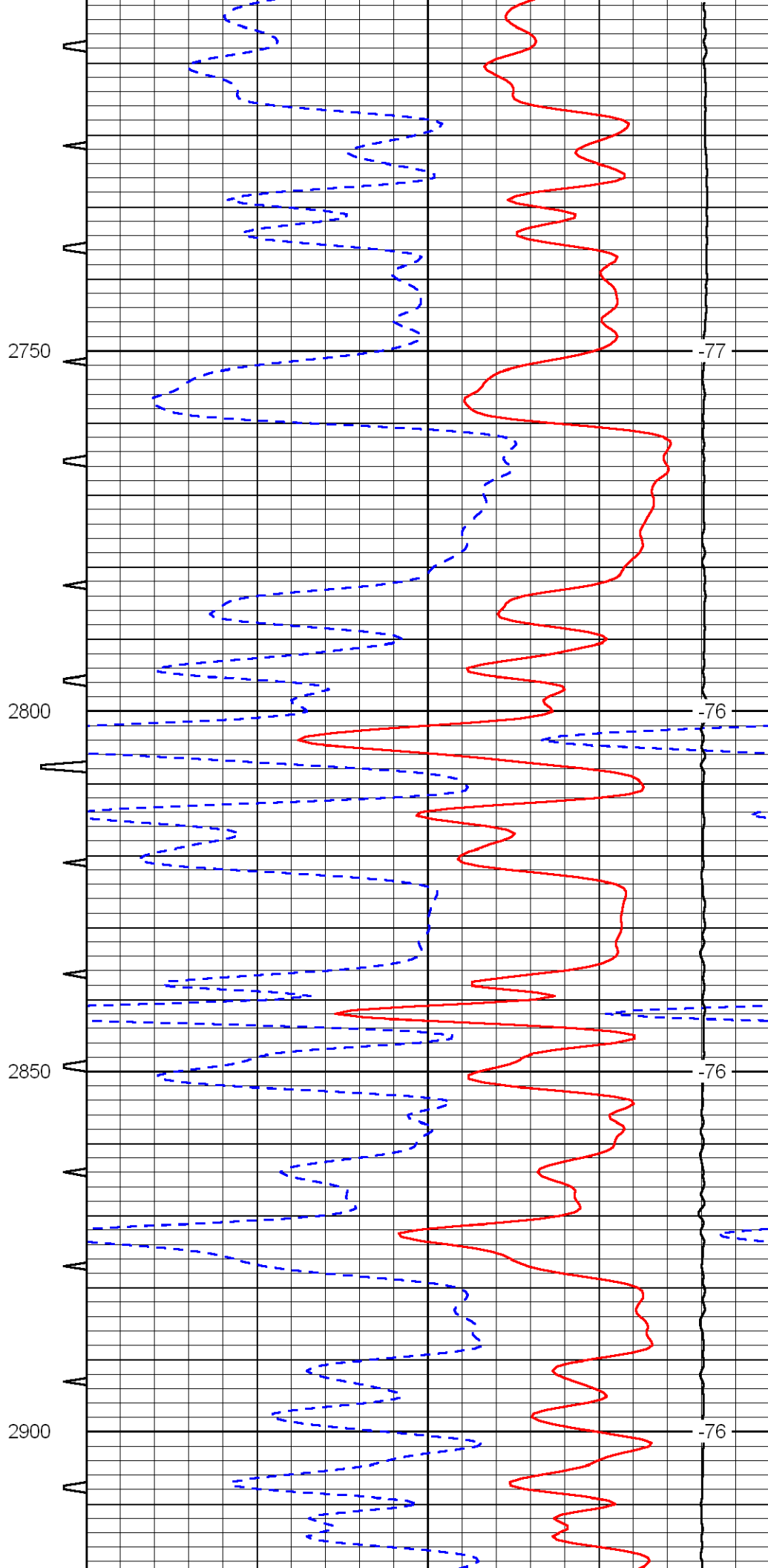
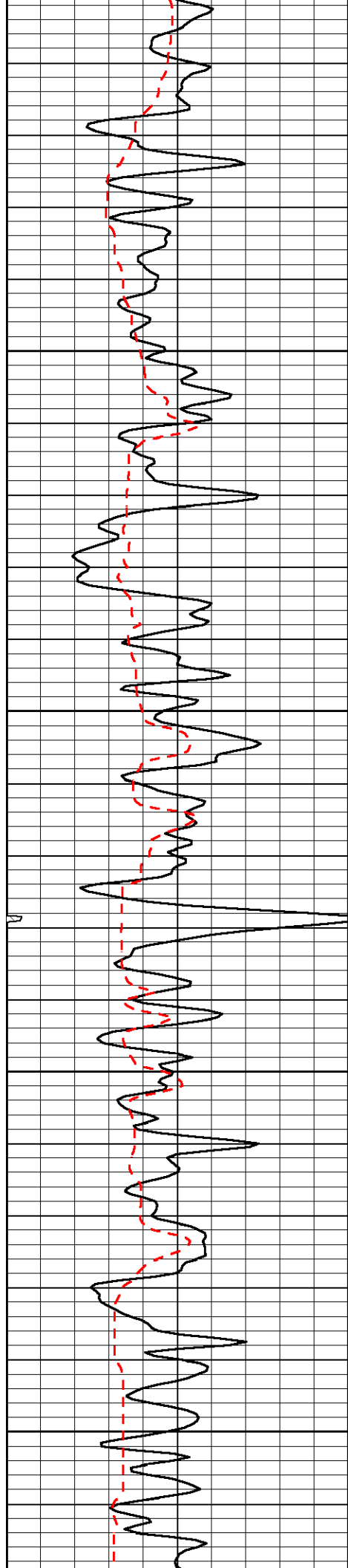


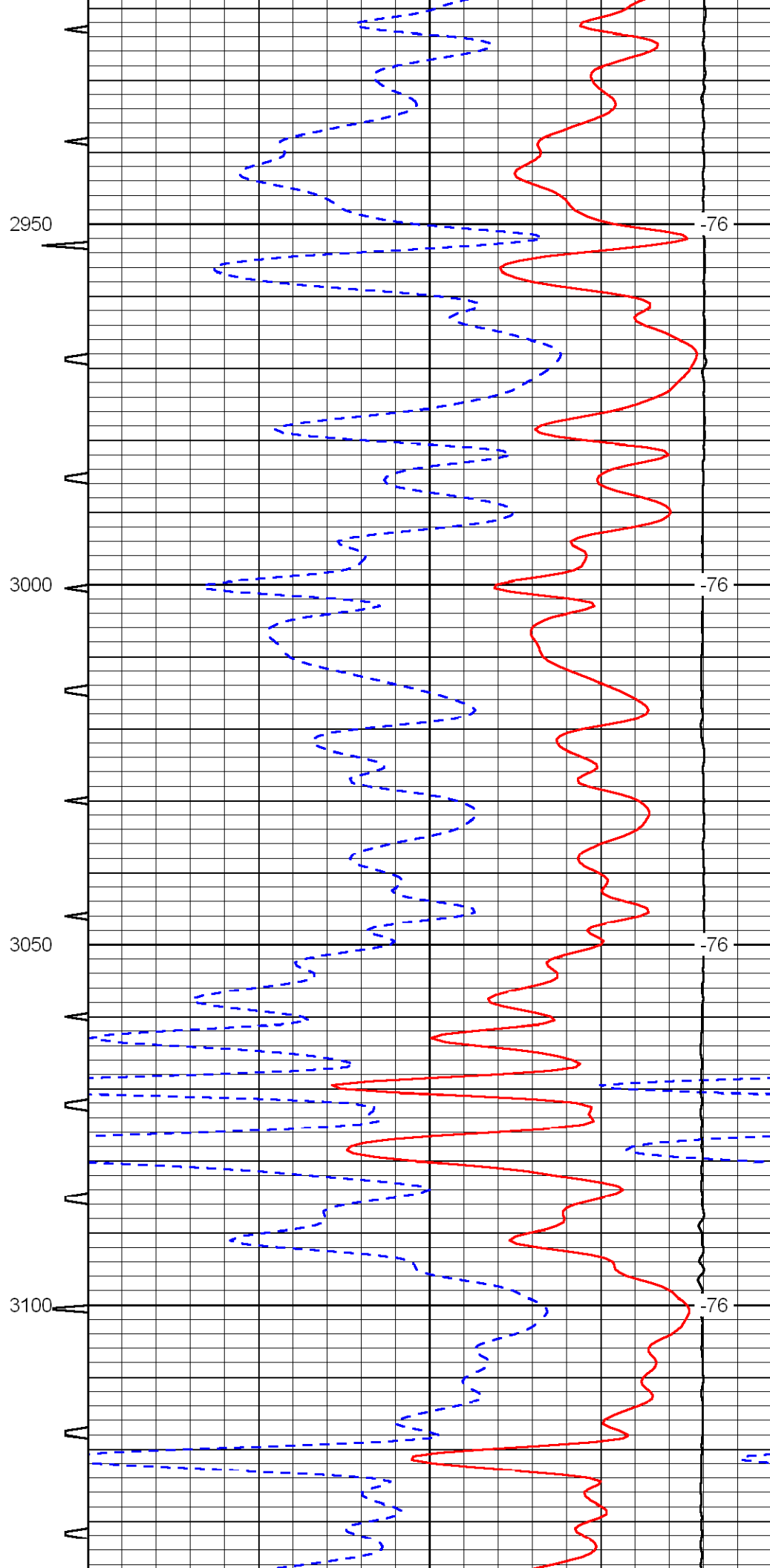
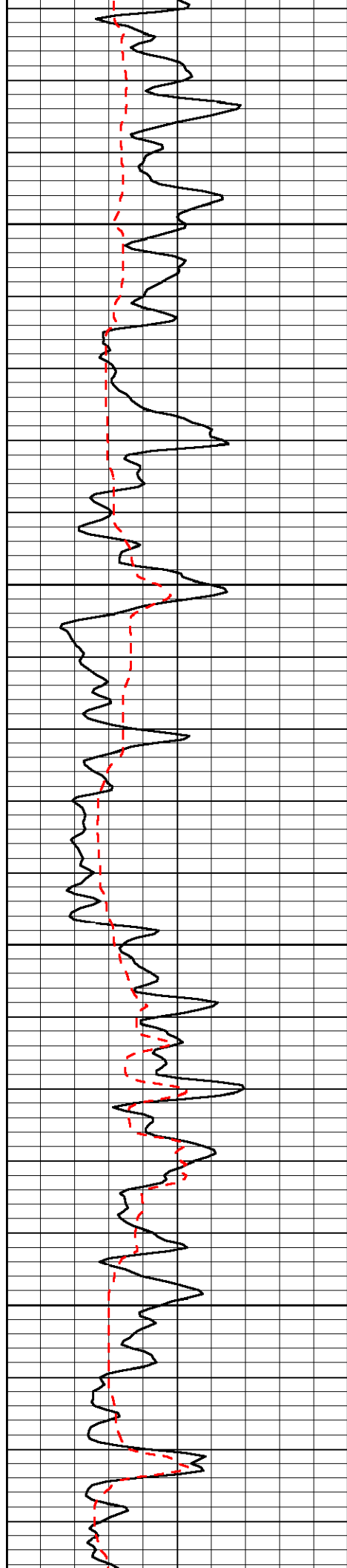


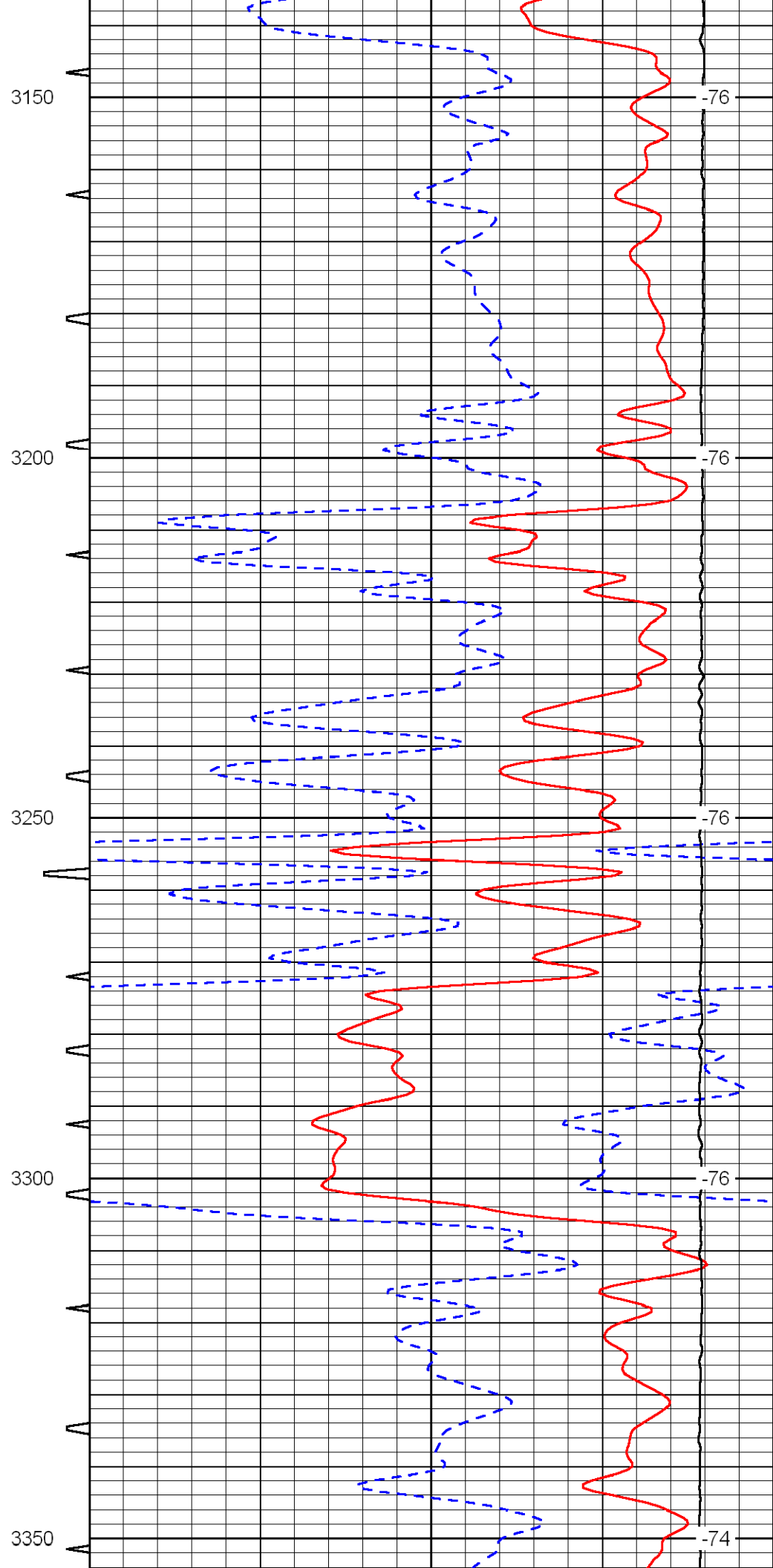
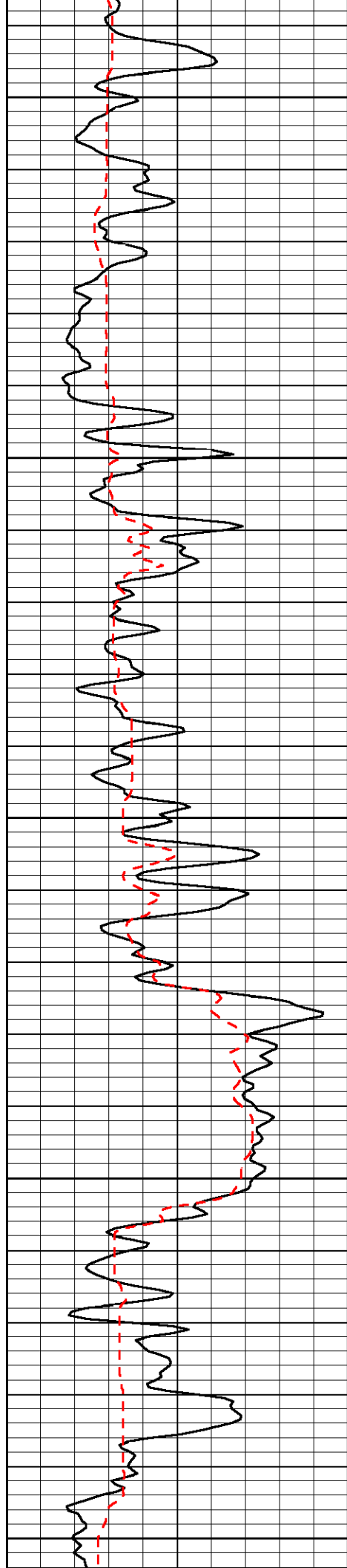


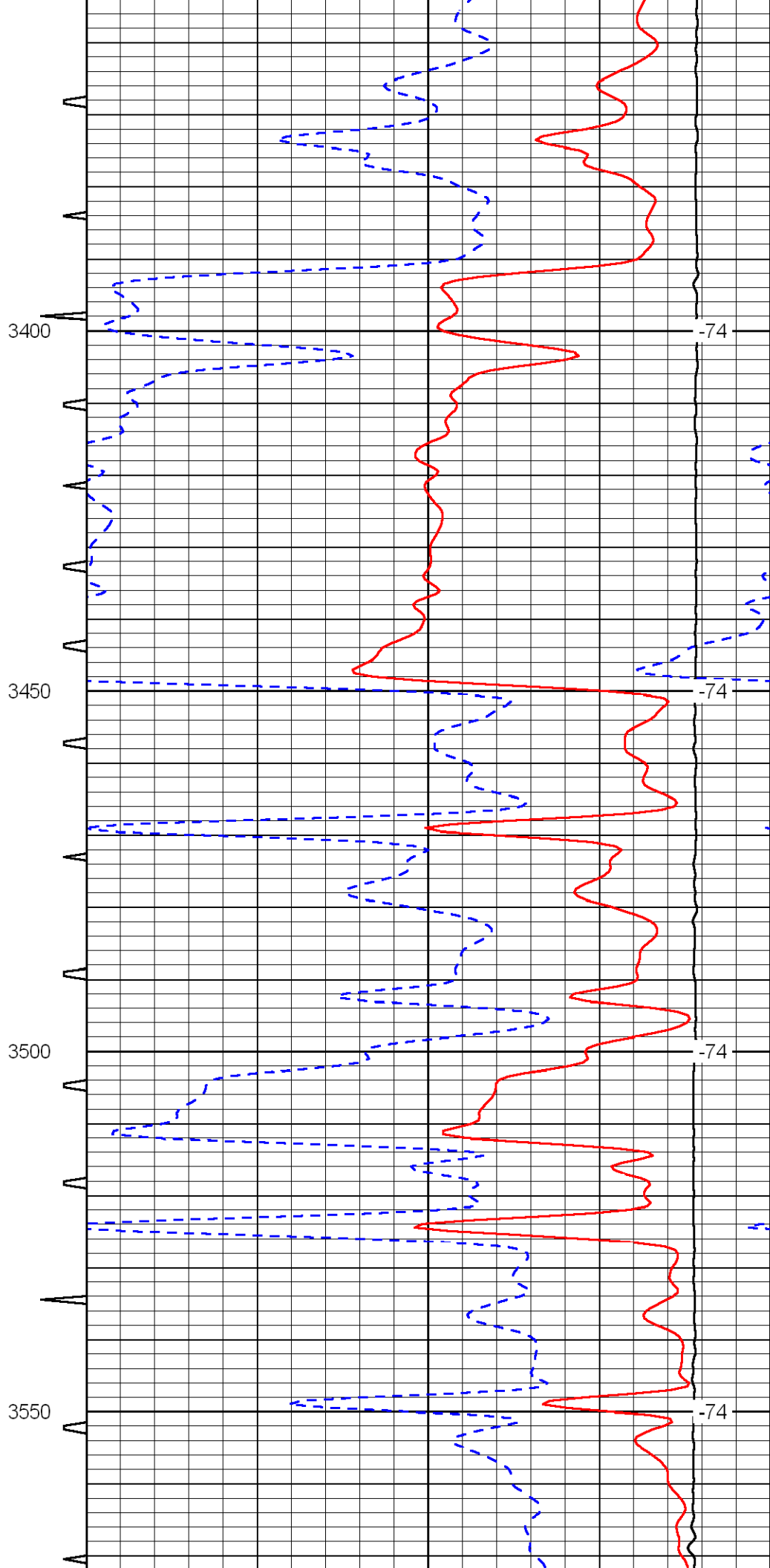
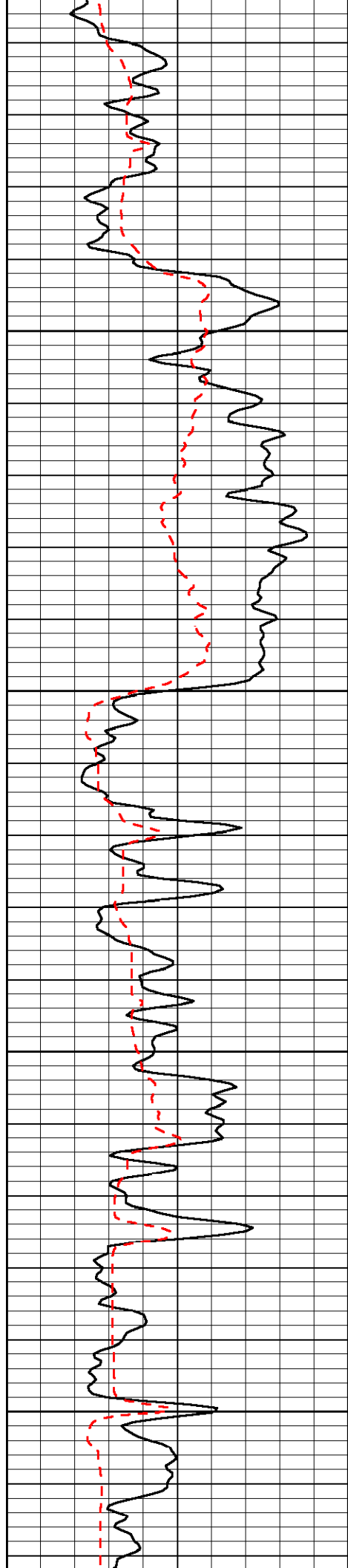


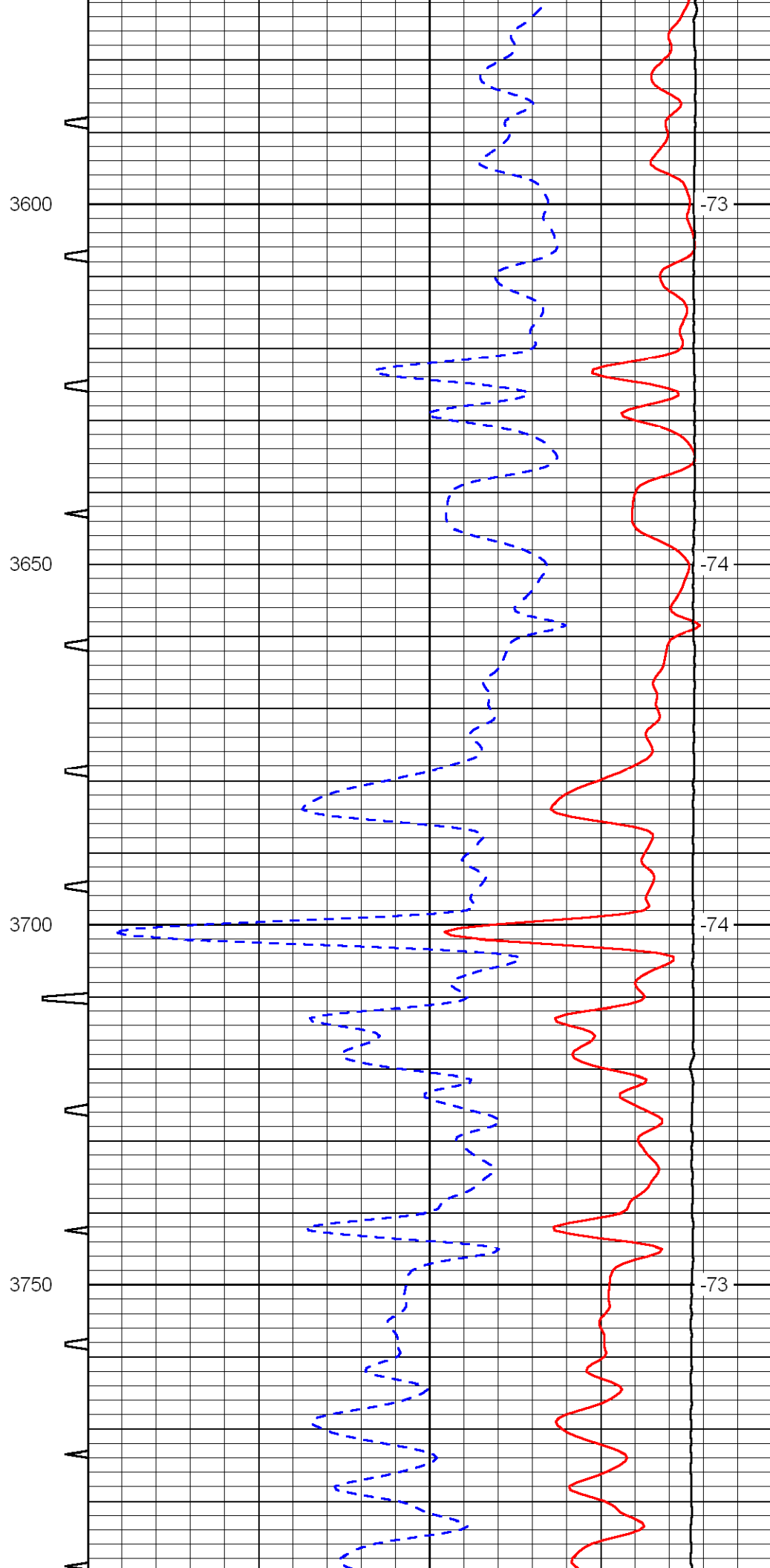
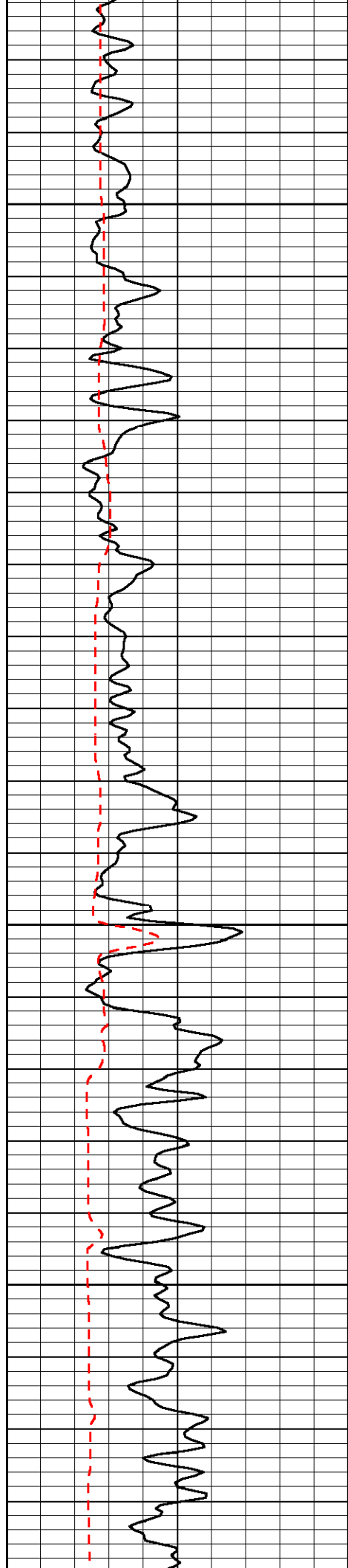


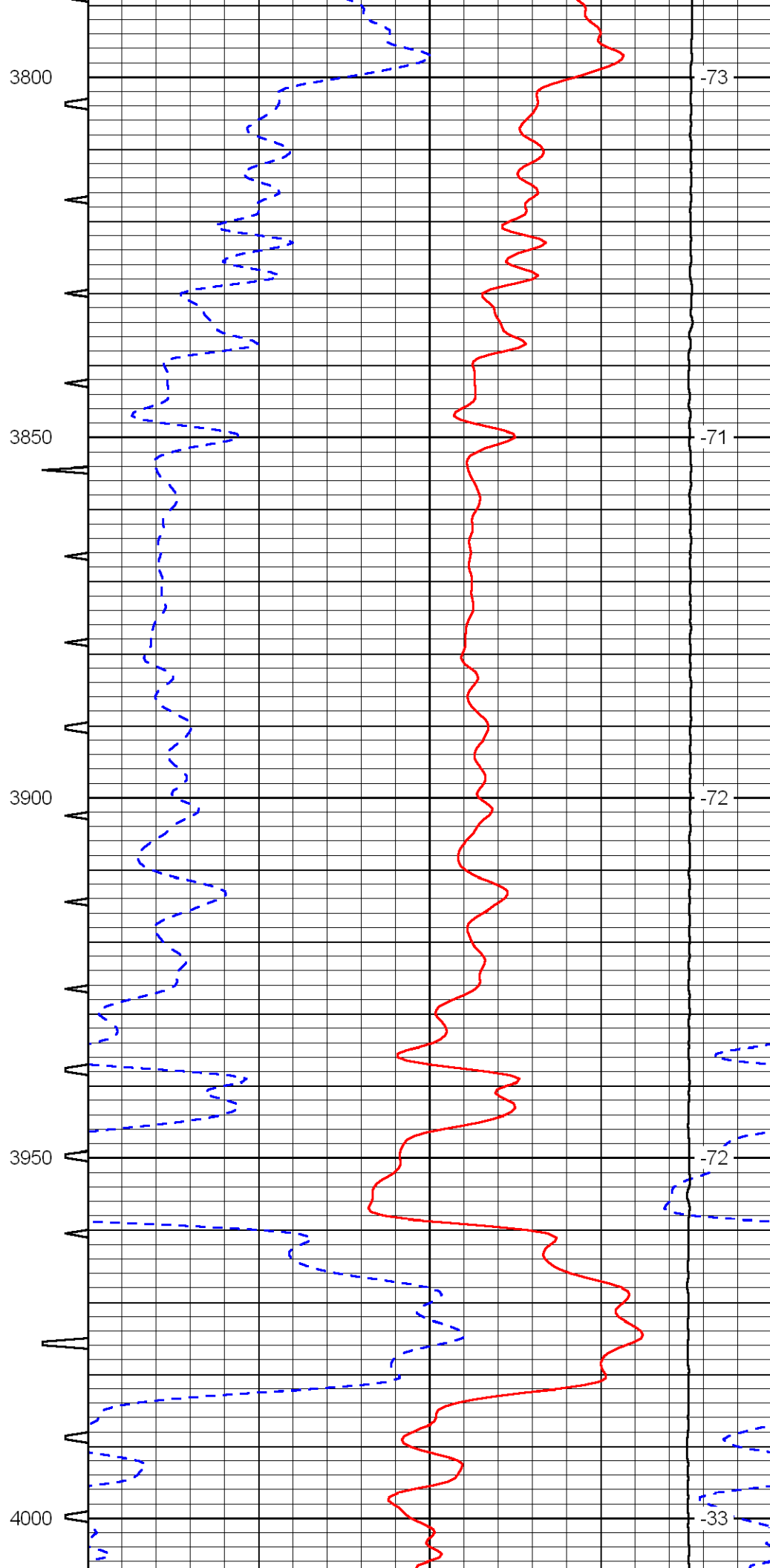
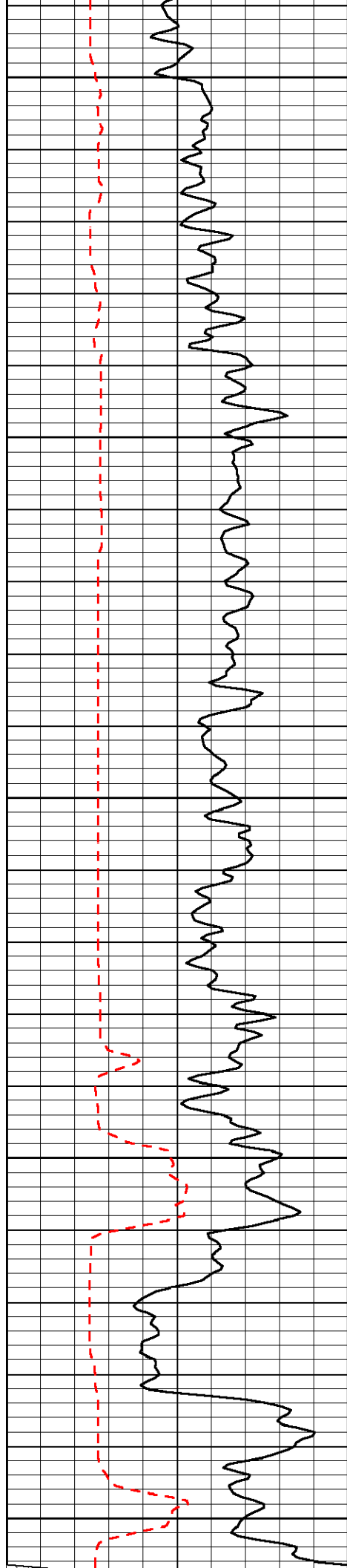


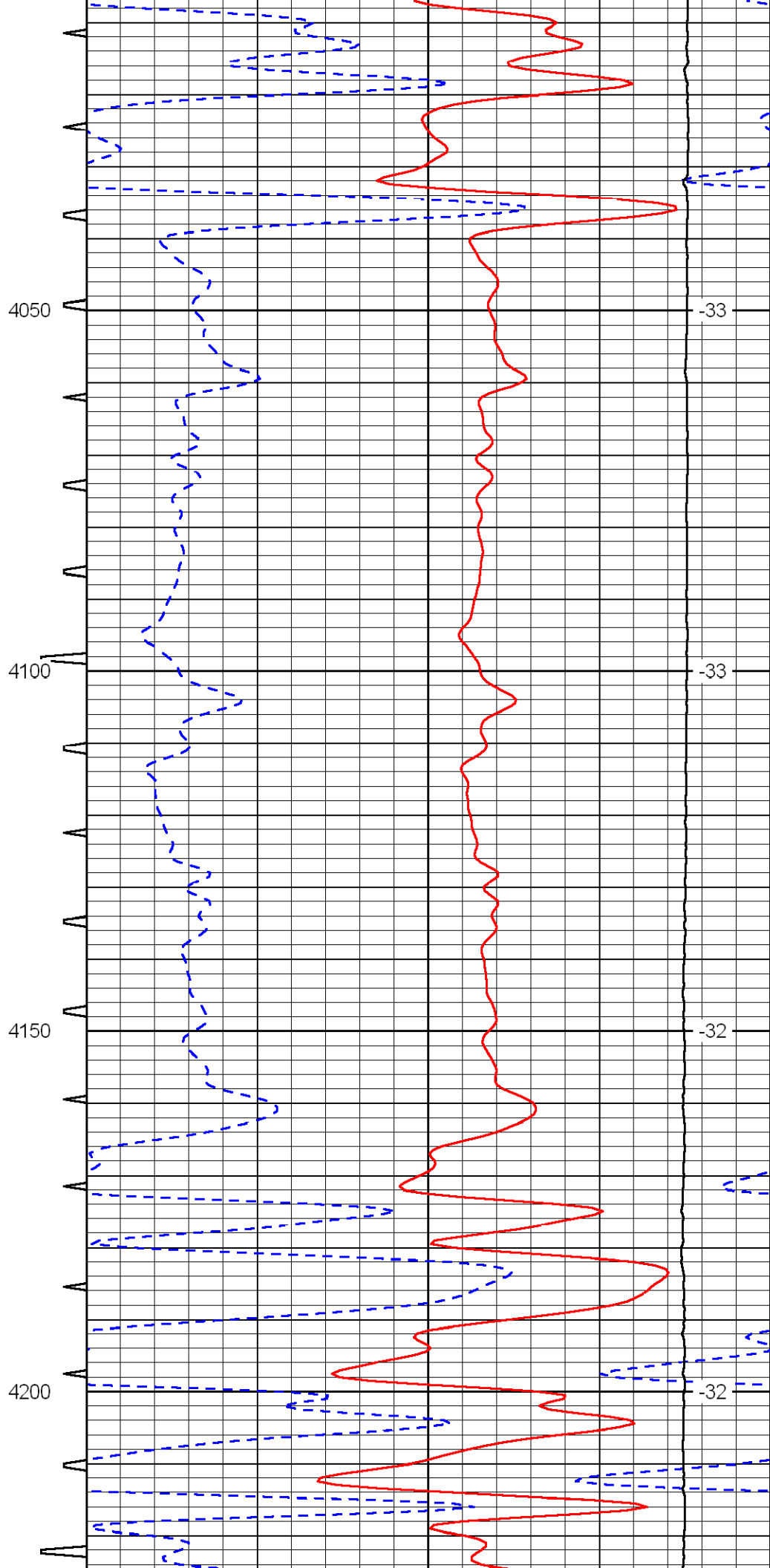
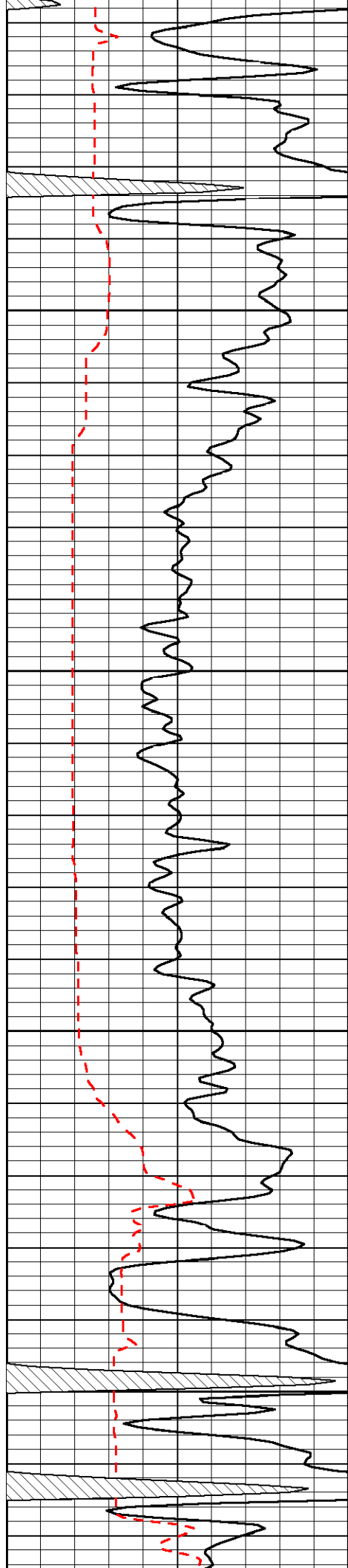


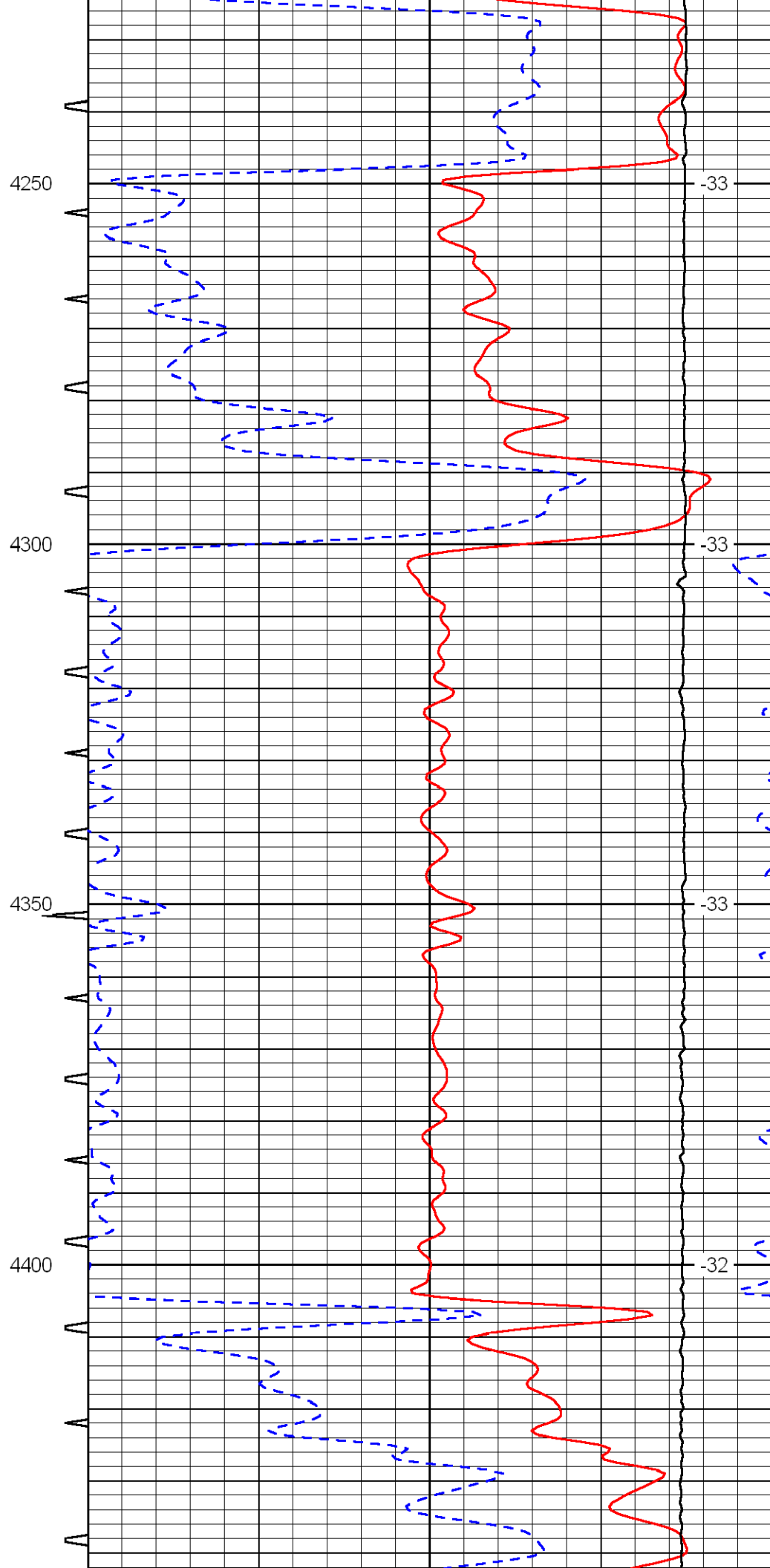
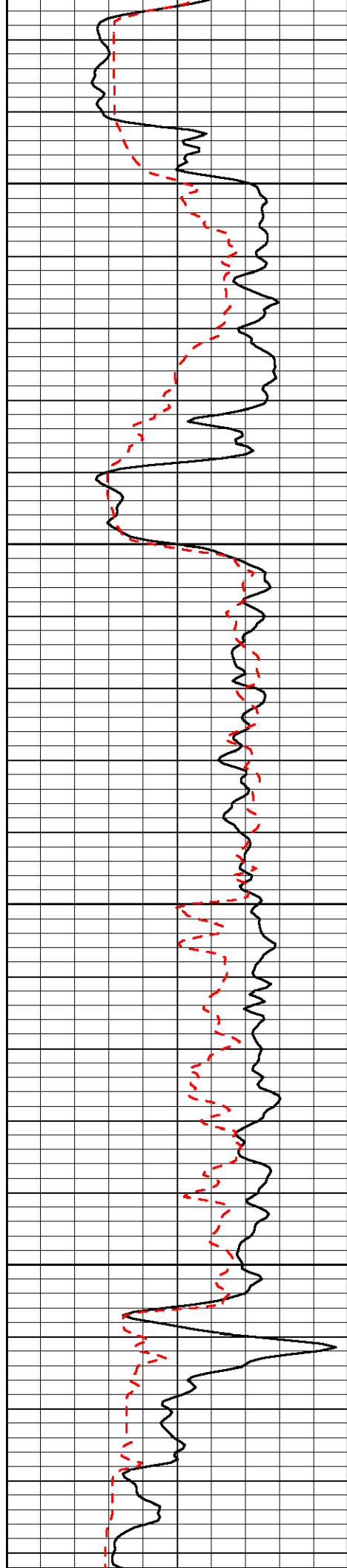


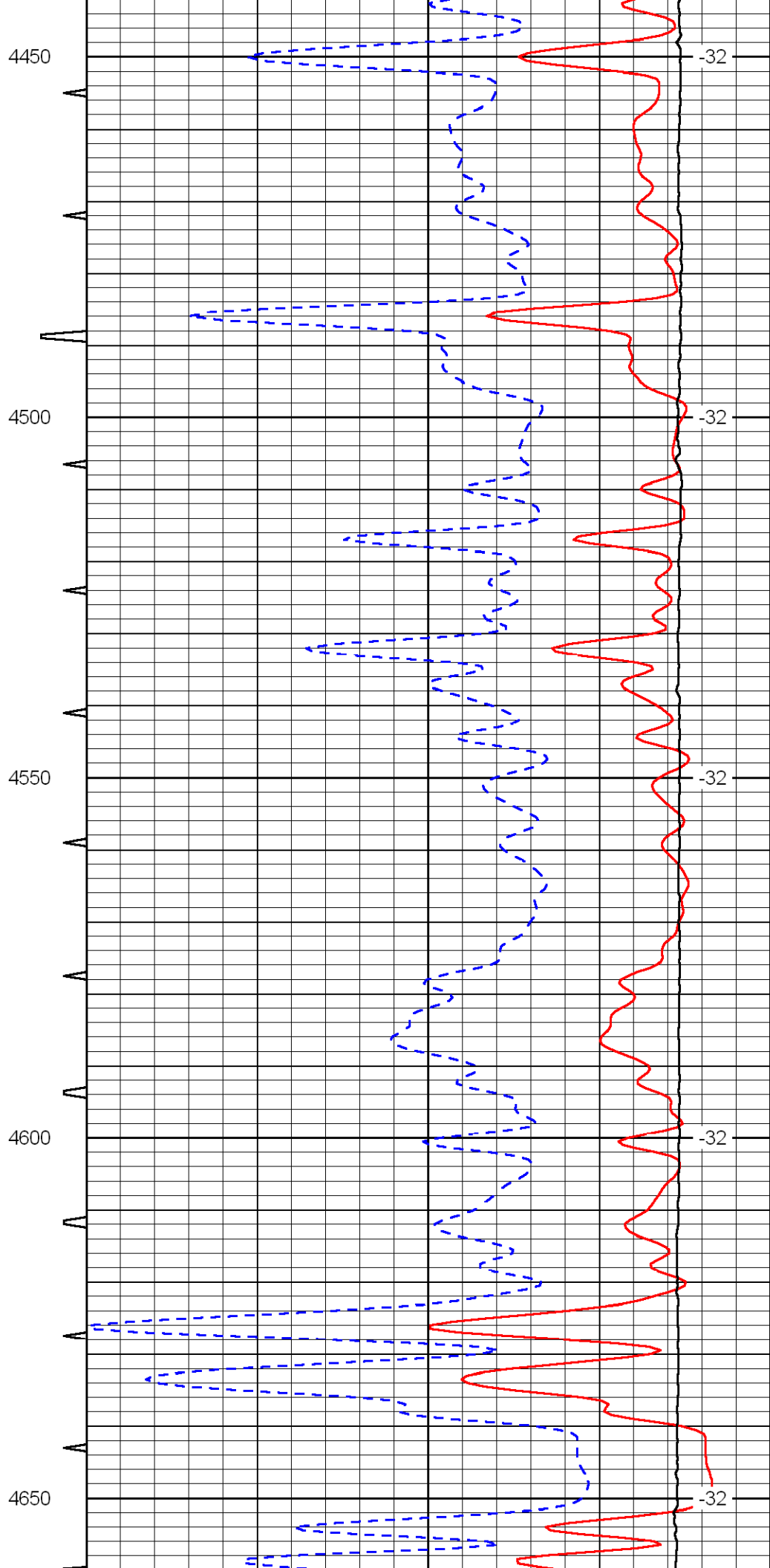
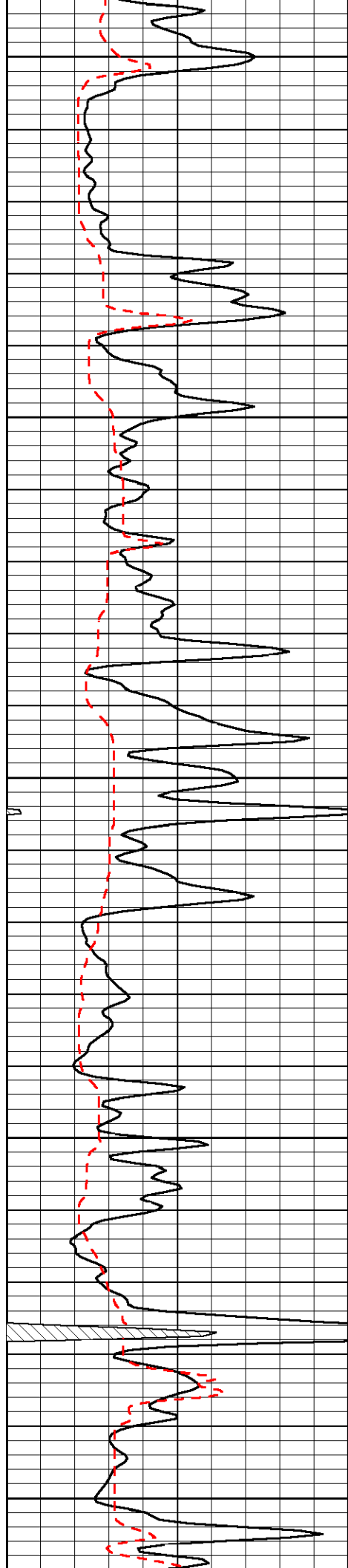


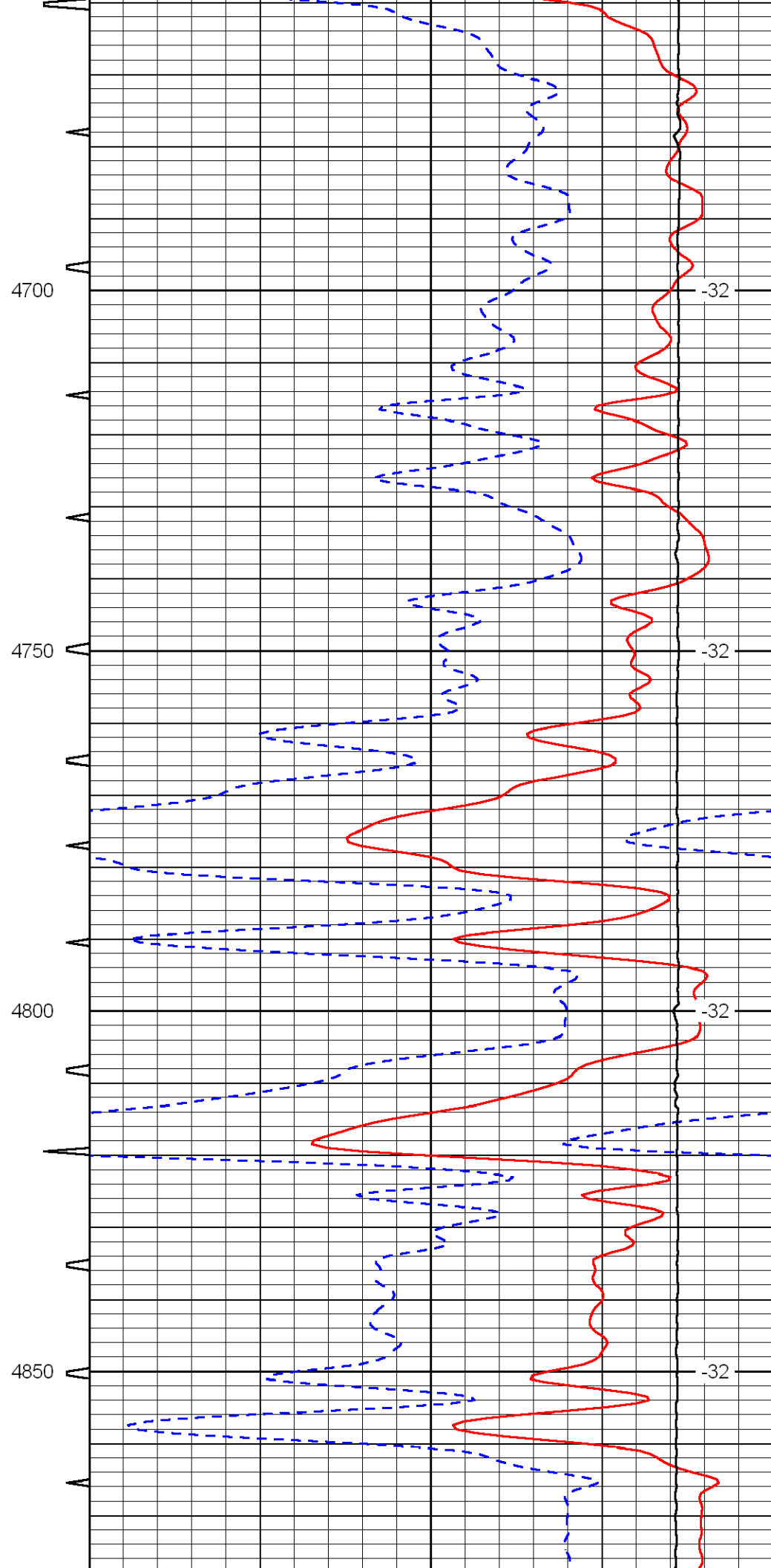
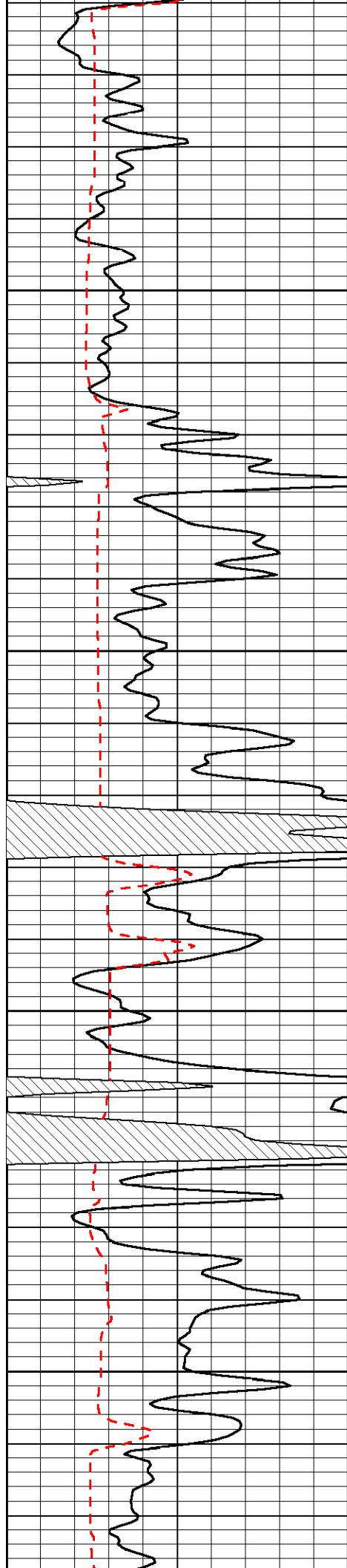


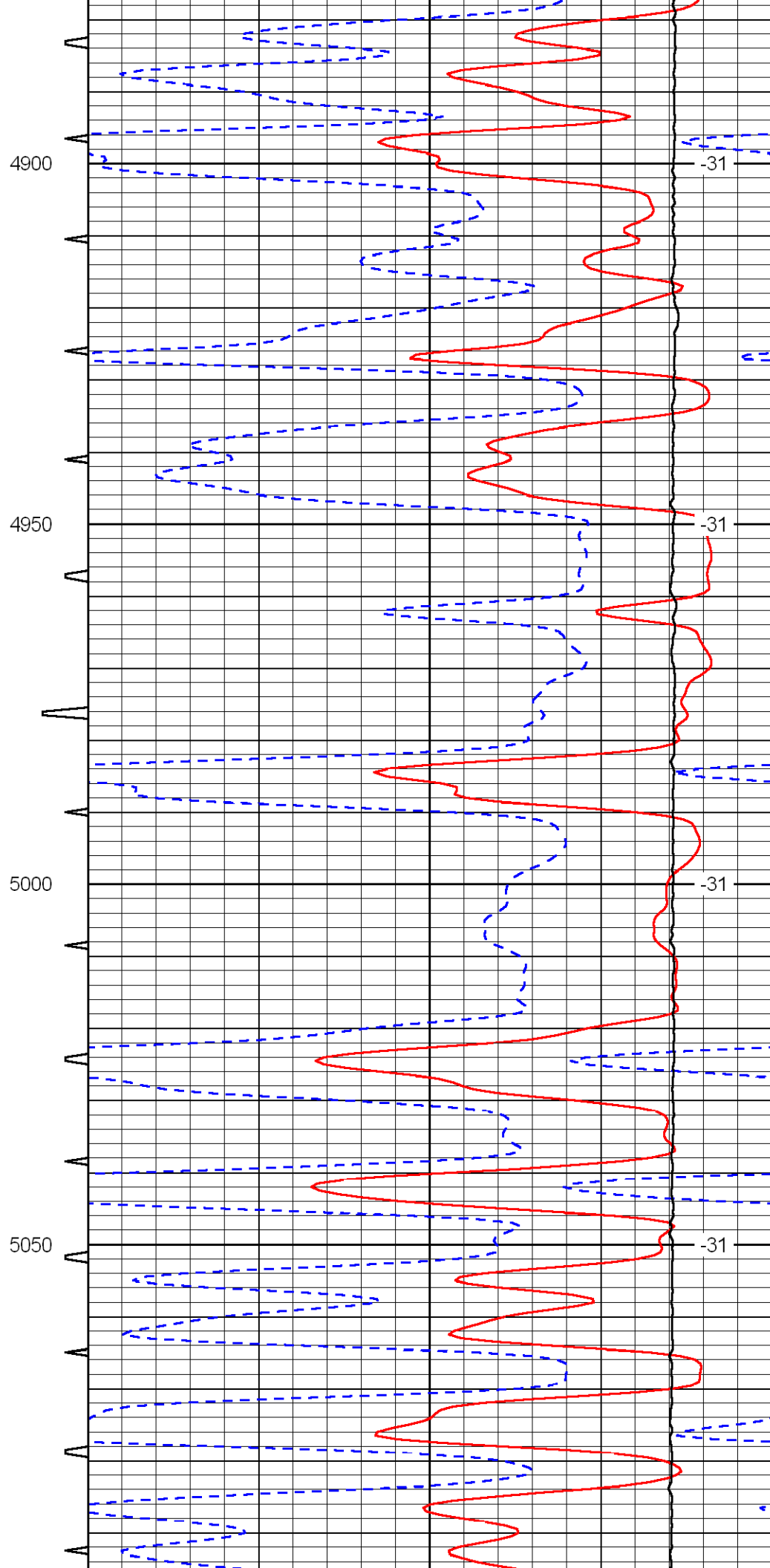
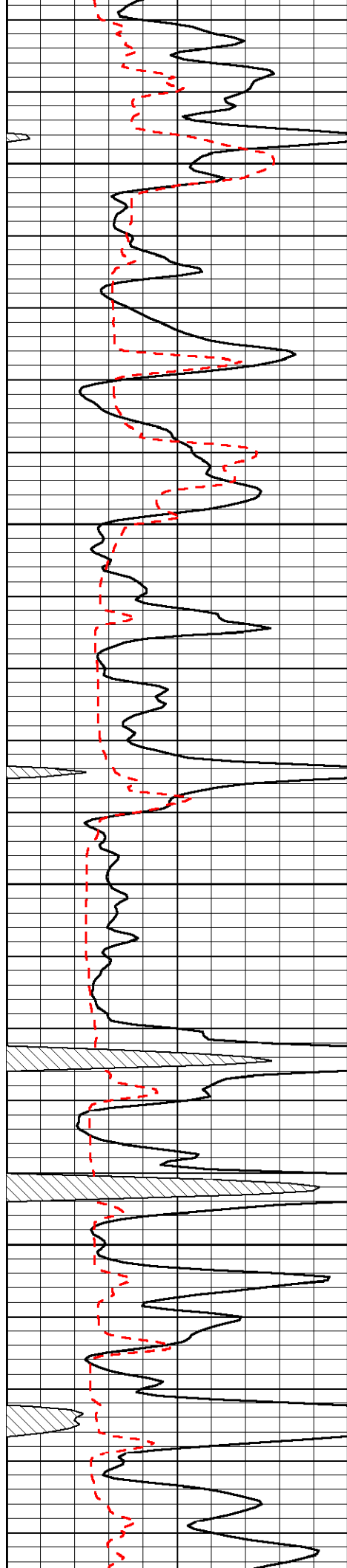


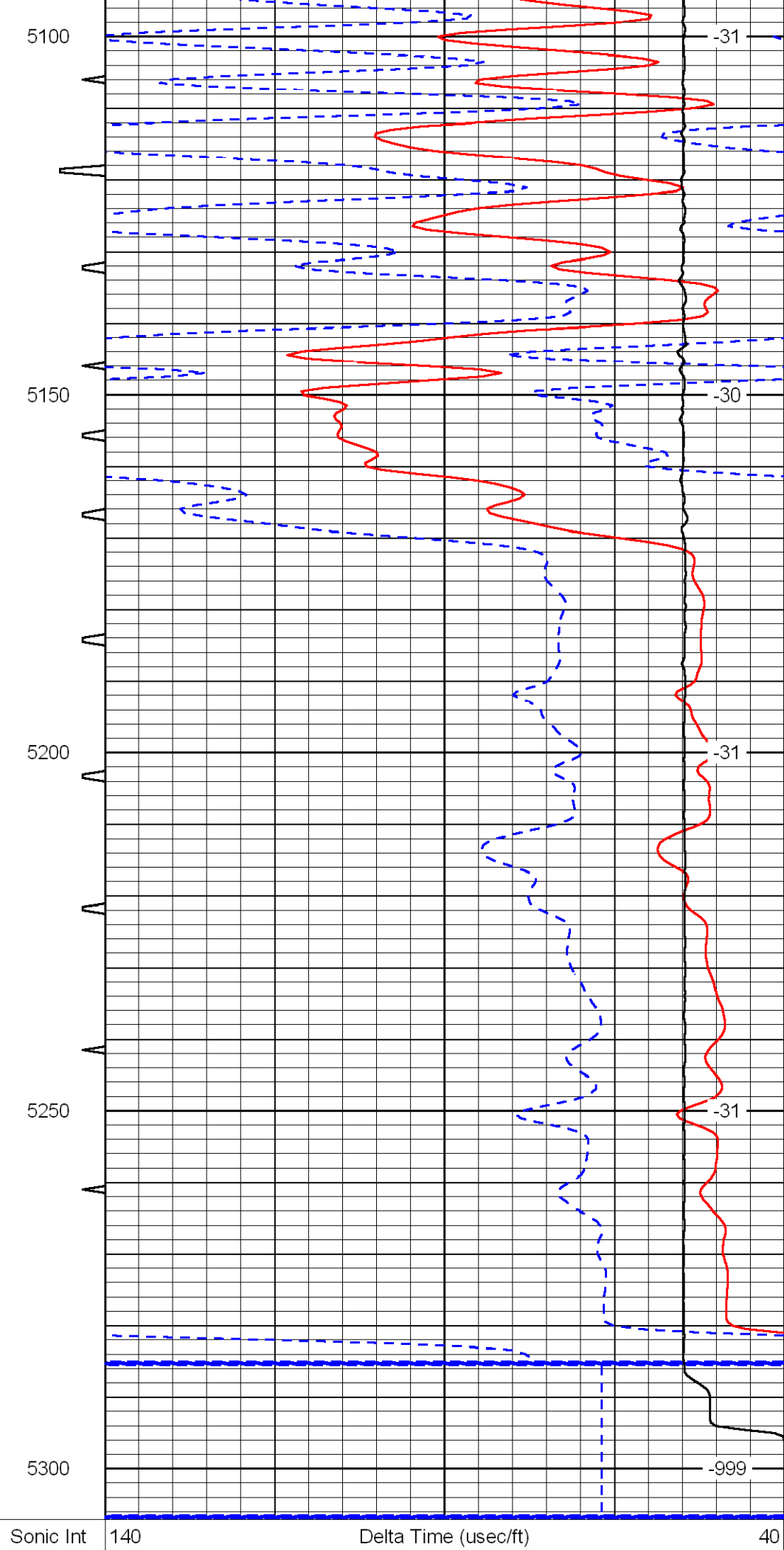
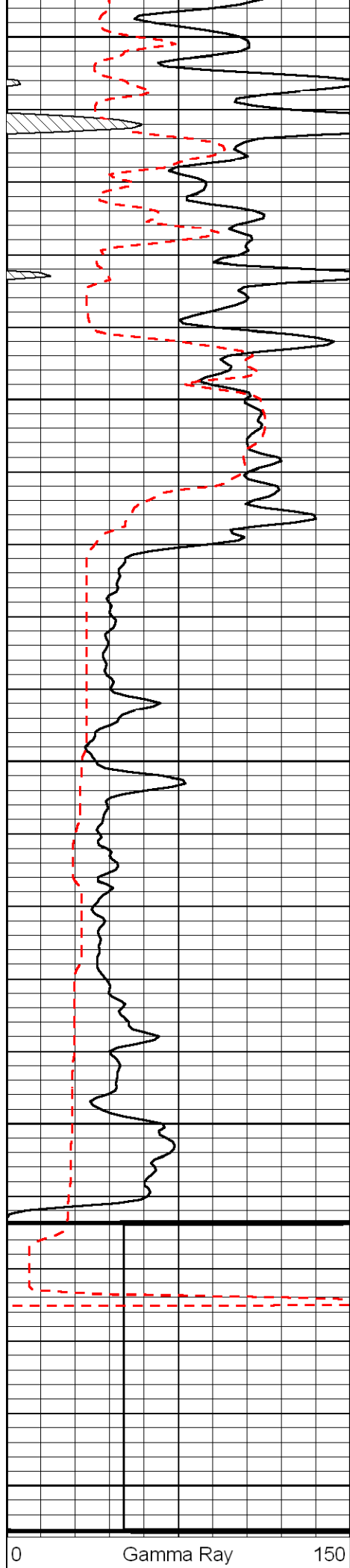












150	Gamma Ray	300	5	0	30	SPOR	-10
6	Caliper (GAPI)	16			10000	LTEN (lb)	0
							LSPD