



Borehole Compensated Sonic Log

DIGITAL LOG (785) 625-3858

API No.

15-023-21,206

Company Murfin Drilling Company, Inc.

Well Ellen #2-29

Field Raile

County Cheyenne

State Kansas

Location

SE SW SW
330' FSL & 990' FWL

Sec: 29 Twp: 2S Rge: 41W

Other Services
CNL / CDL
MEL / DIL

Permanent Datum Ground Level Elevation 3695

Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Elevation

K.B. 3700
D.F. 3698
G.L. 3695

Date 1/11/2009

Run Number Two

Type Log BHC Sonic

Depth Driller 5150

Depth Logger 5154

Bottom Logged Interval 5143

Top Logged Interval 350

Type Fluid In Hole Chemical

Salinity, PPM CL 700

Density 9.2

Level Full

Max. Rec. Temp. F 127

Operating Rig Time 4 1/2 Hours

Equipment -- Location 15 Hays

Recorded By T. Martin

Witnessed By Brad Rine

Borehole Record

Casing Record

Run No	Bit	From	To	Size	Wgt.	From	To
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One	12.25	00	369	8.625	23#	00	369
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Two	7.875	369	TD				
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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.

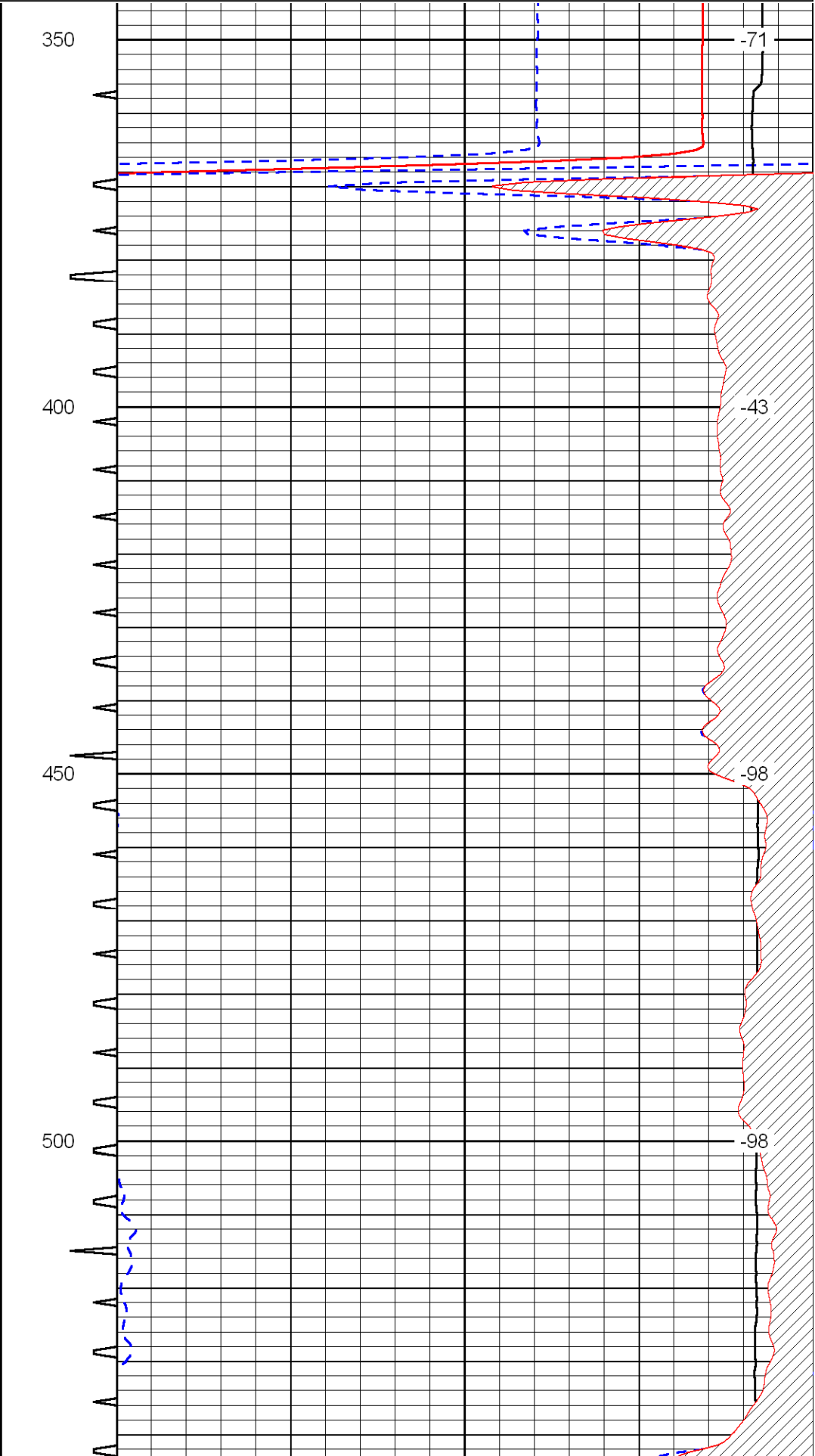
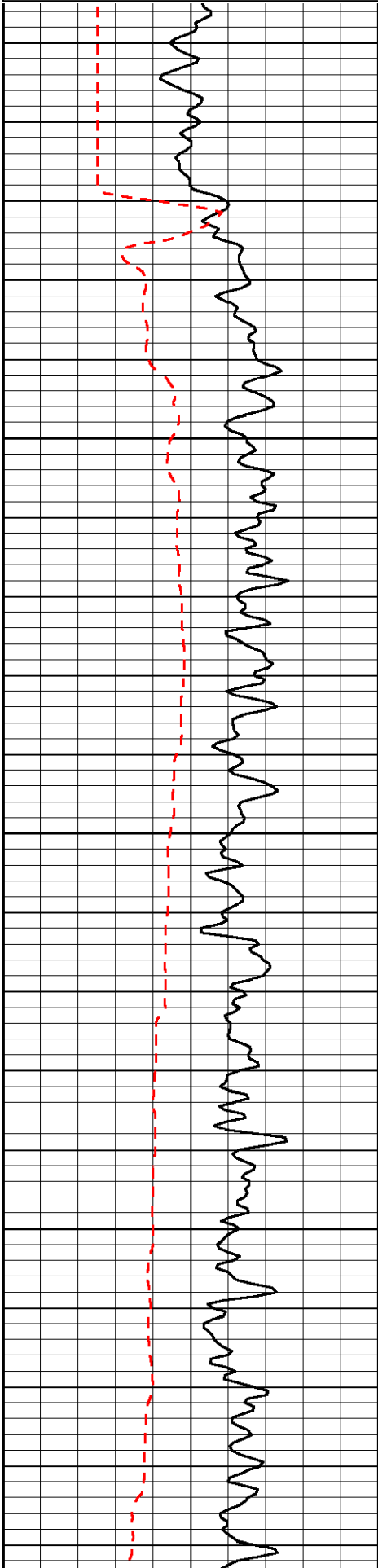
Comments

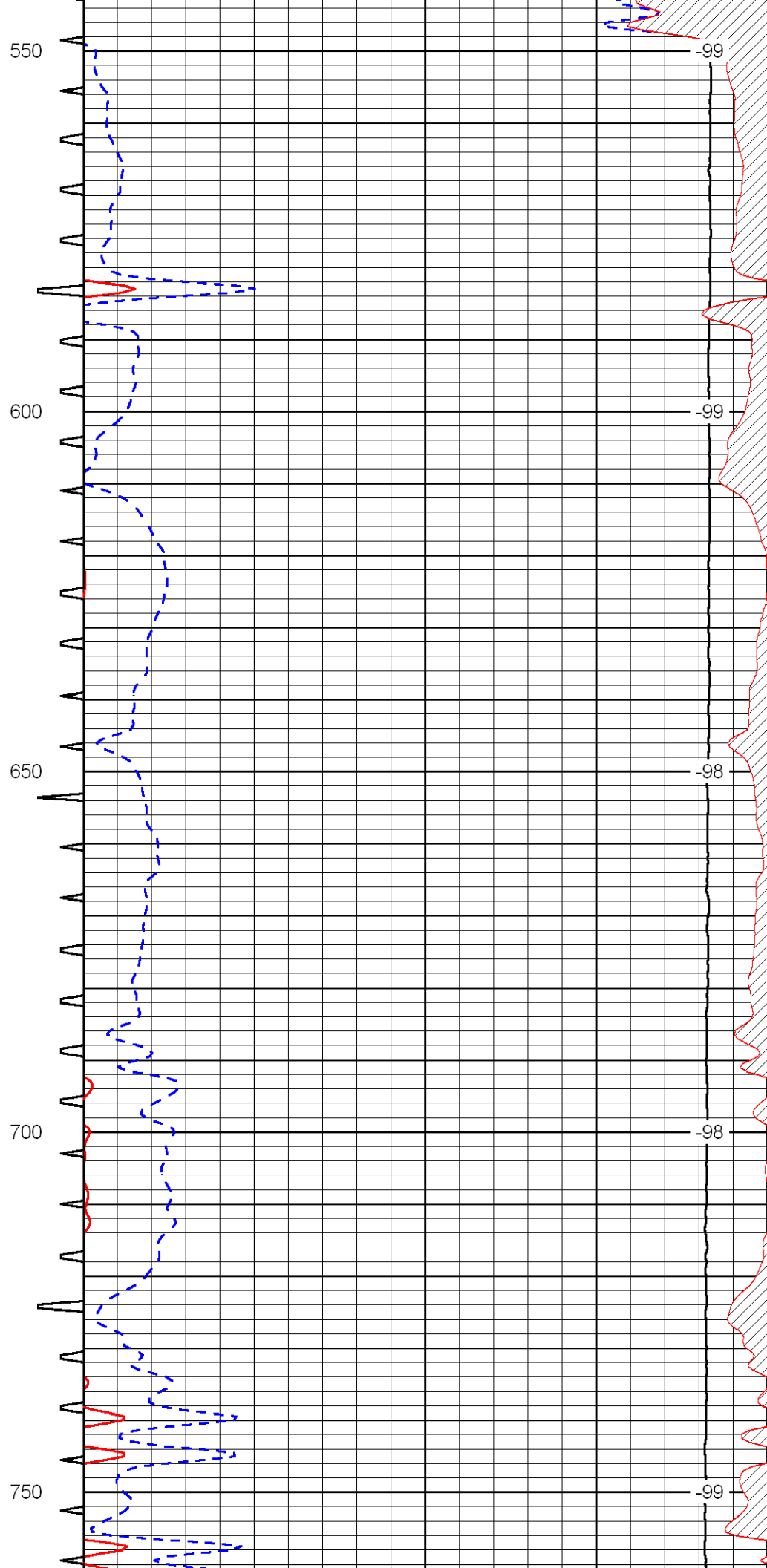
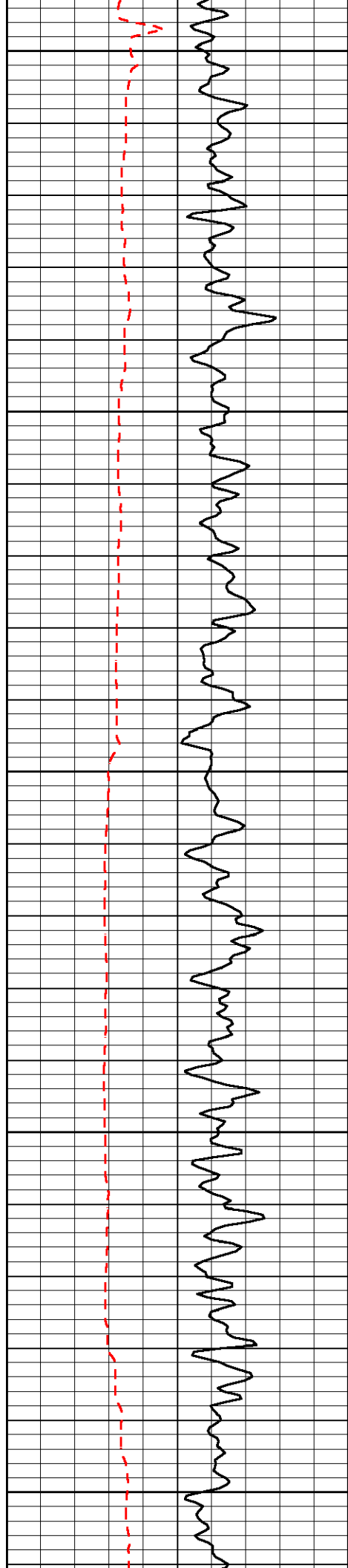
Thank you for using Log-Tech, Inc.
(785) 625-3858

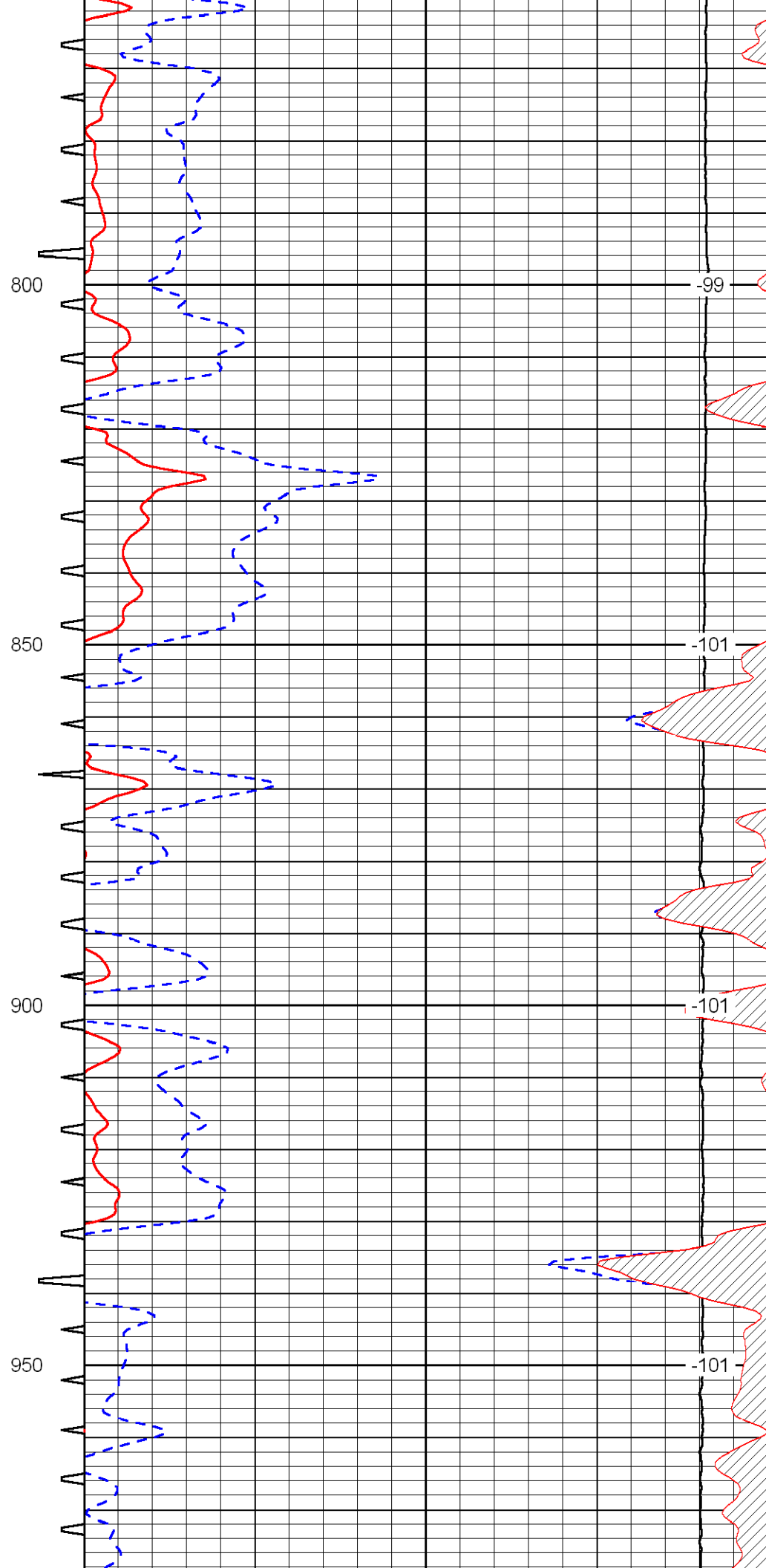
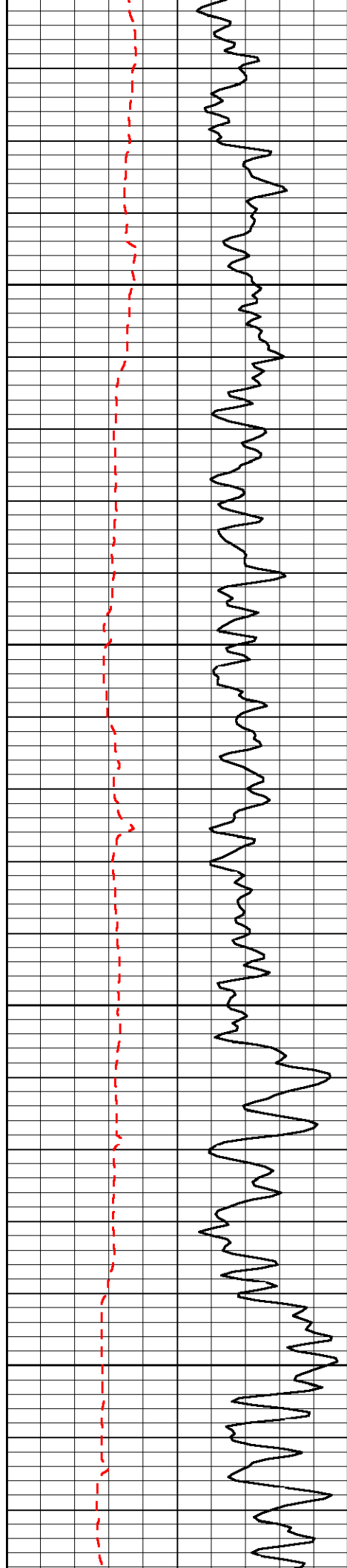
St. Francis, N on Hwy 27 to curve, W to curve, 1/8 W, 1/2 S to Rd T, 2 W, N into

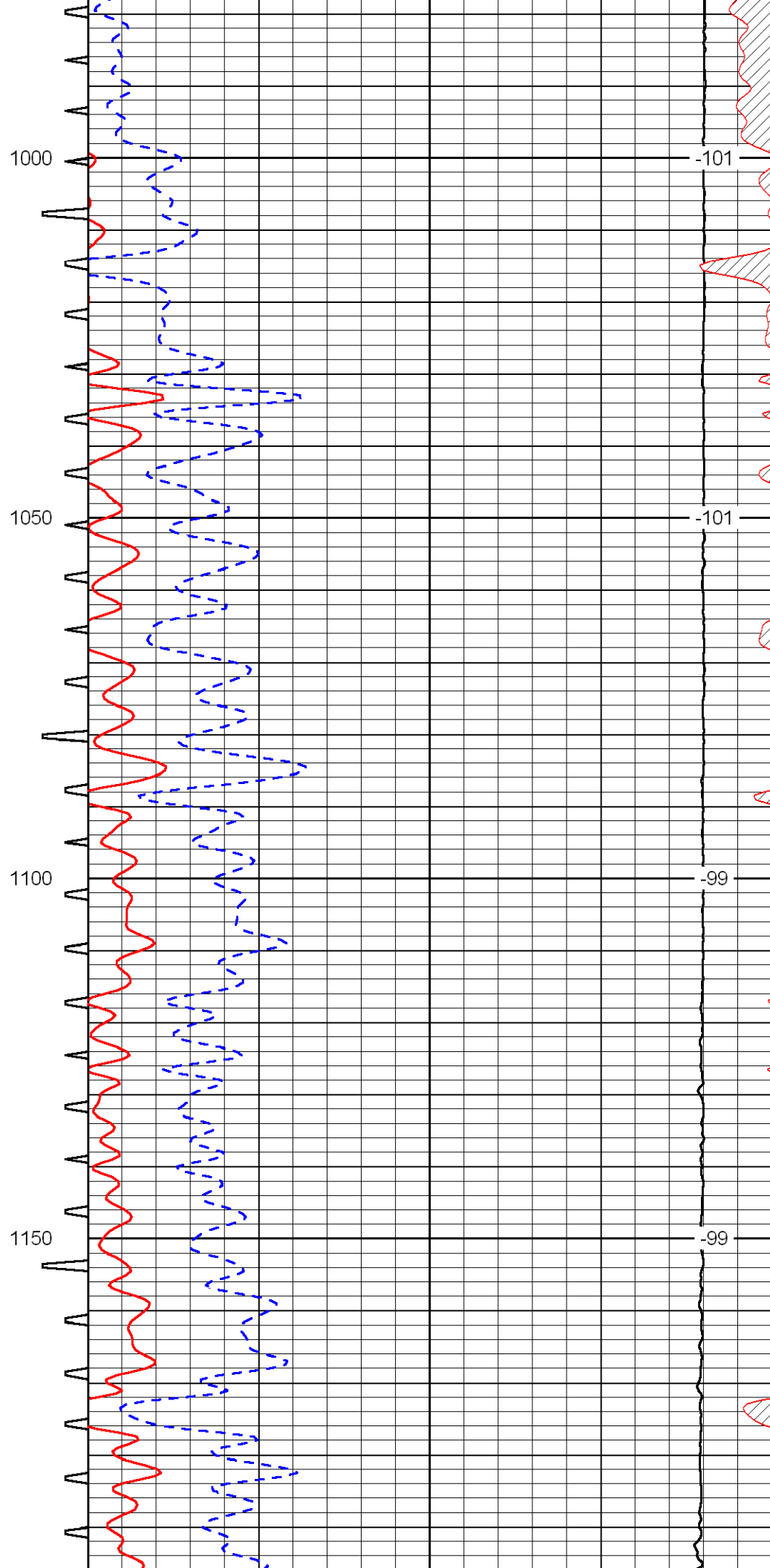
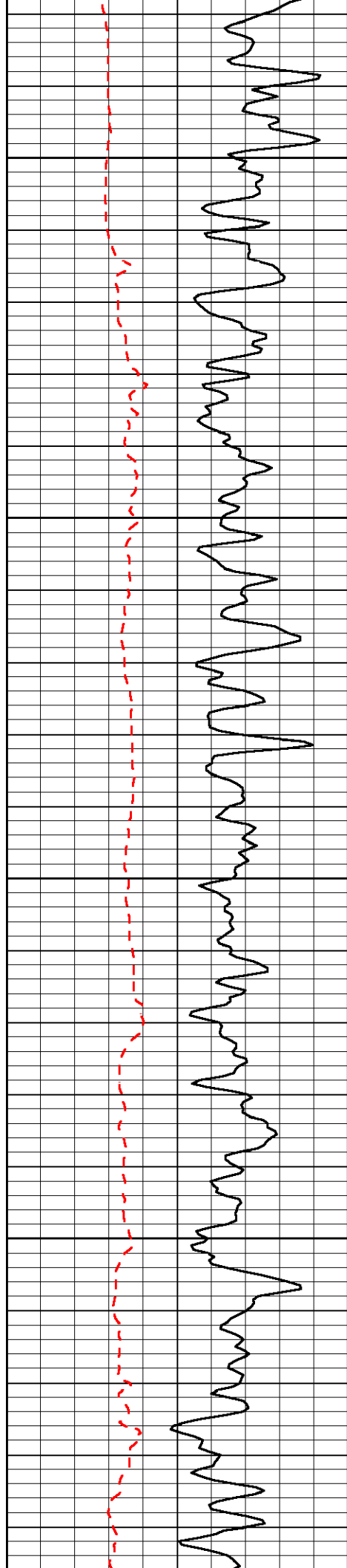
Database File: c:\warrior\data\murfin_ellen no.2-29\mfndb.db
Dataset Pathname: dil\mfndb
Presentation Format: sonic
Dataset Creation: Sun Jan 11 09:30:20 2009
Charted by: Depth in Feet scaled 1:240

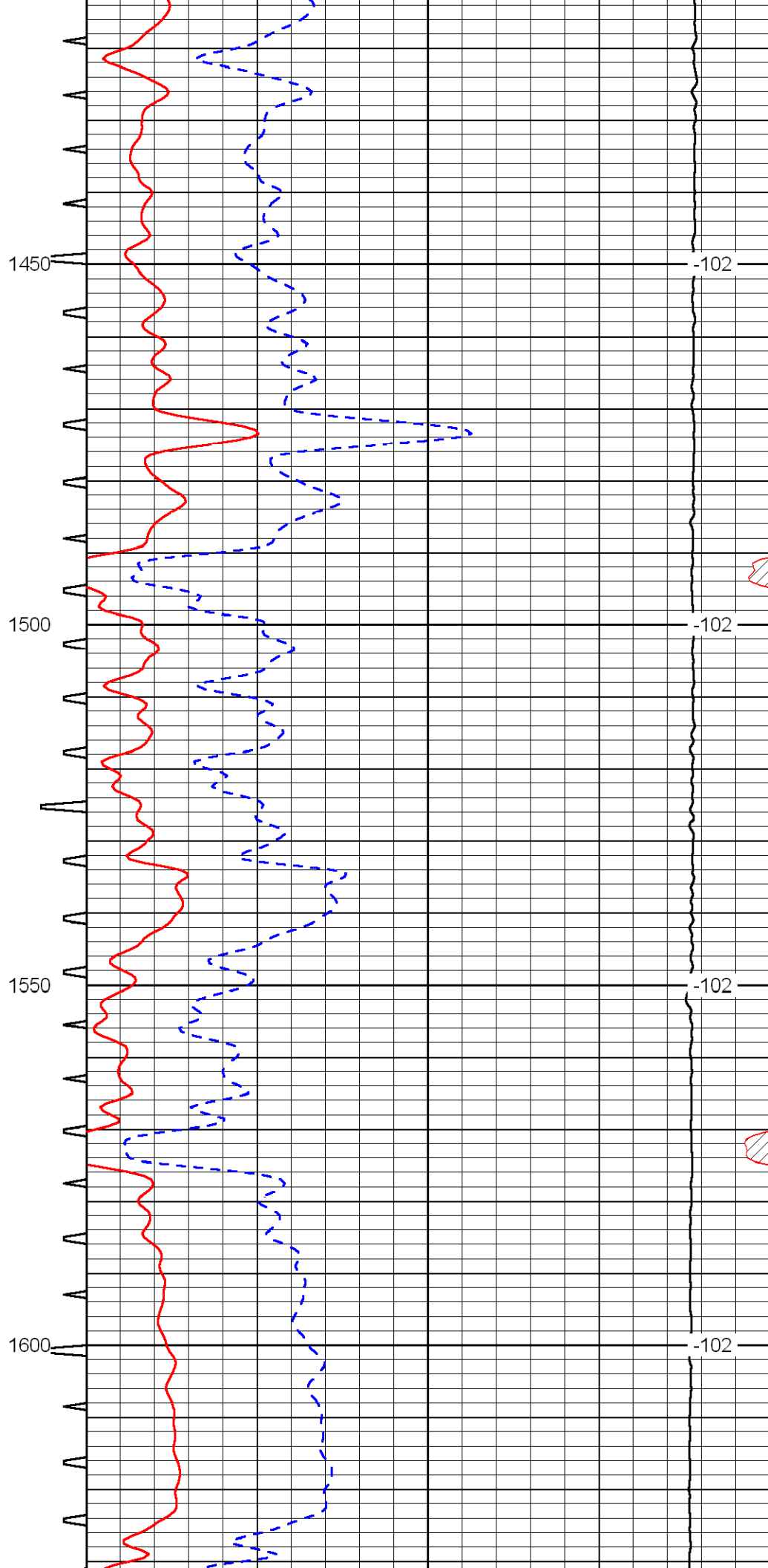
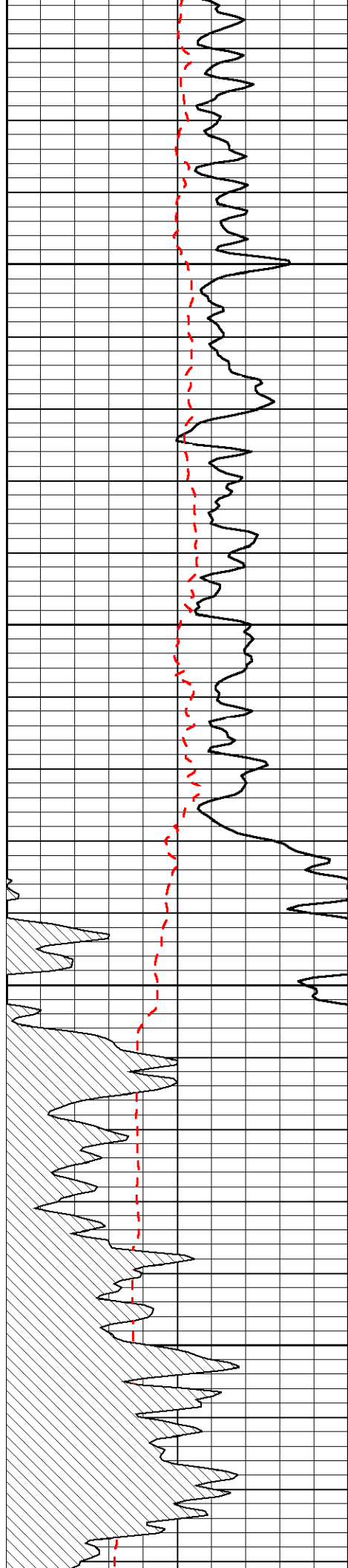
0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft)	40
150	Gamma Ray	300	5	0	SPOR	-10
6	Caliper (GAPI)	16			LTEN (lb)	0
						LSPD

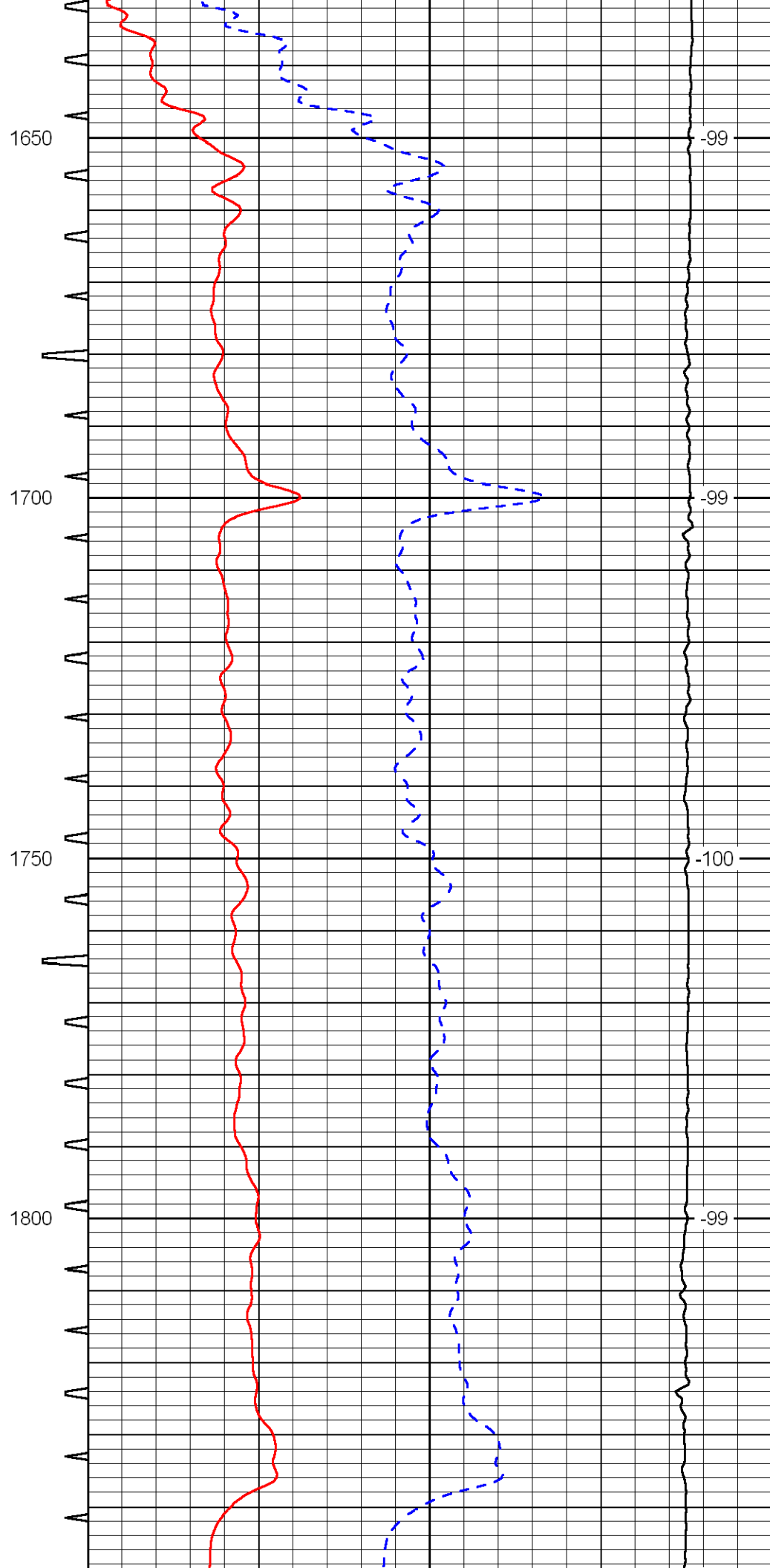
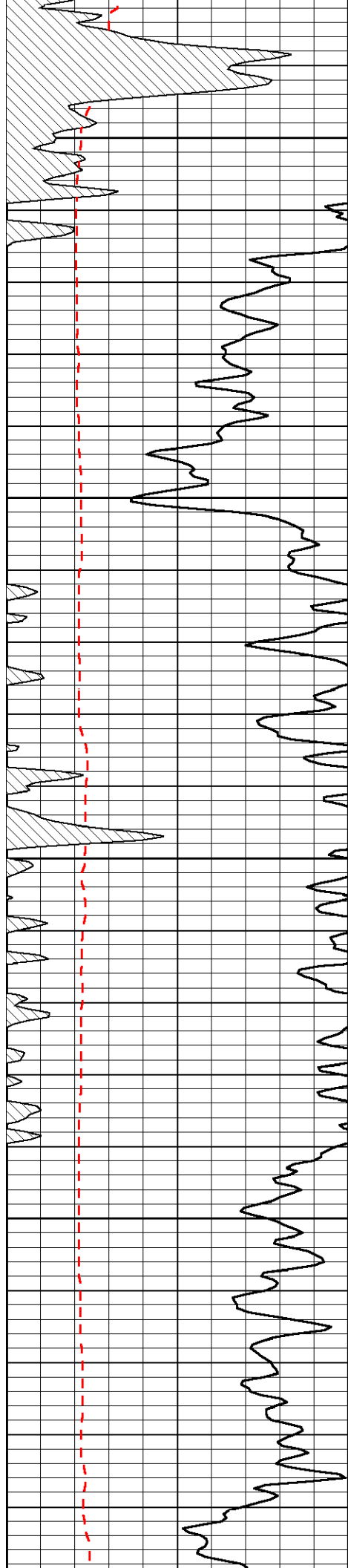


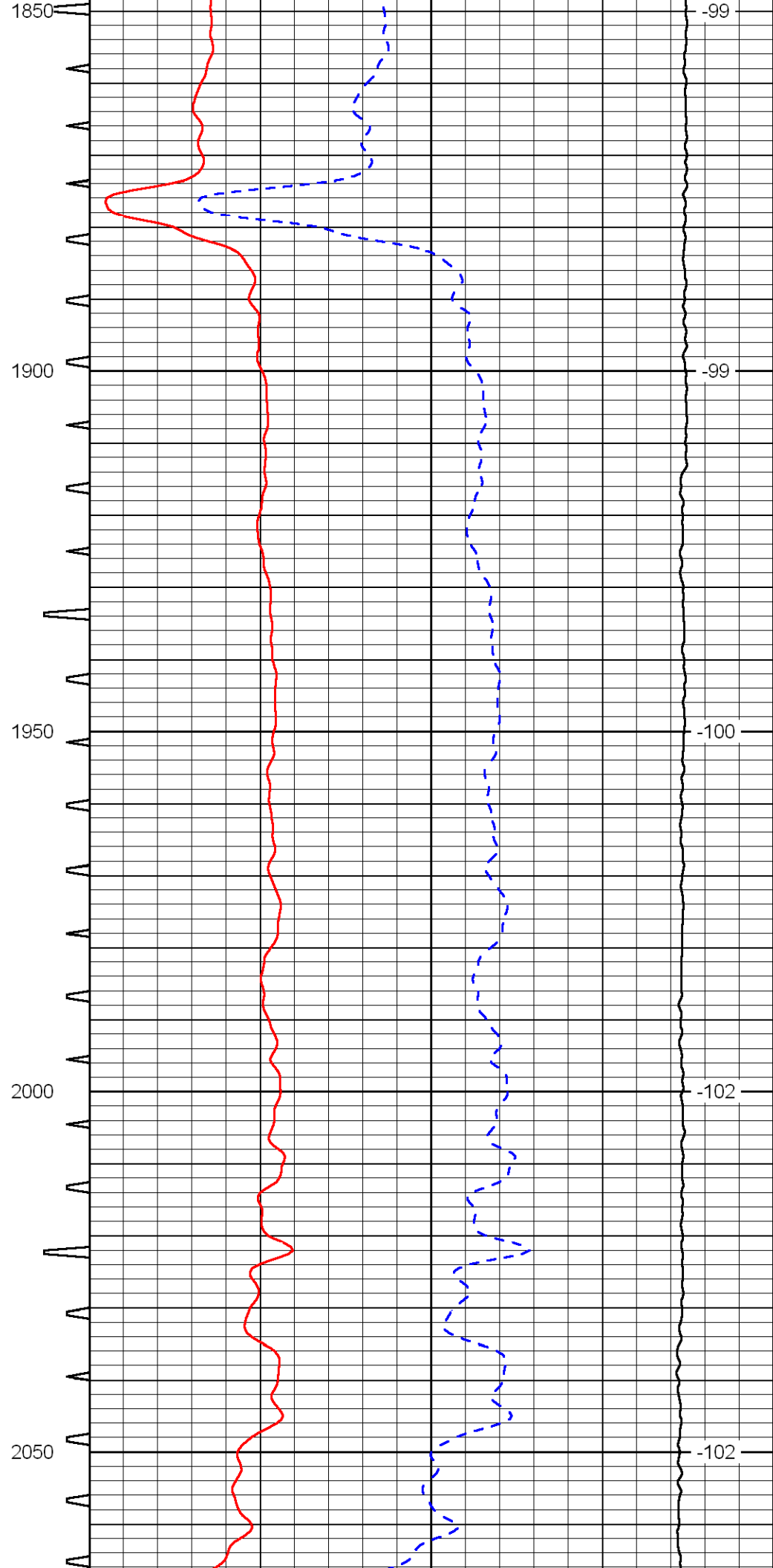
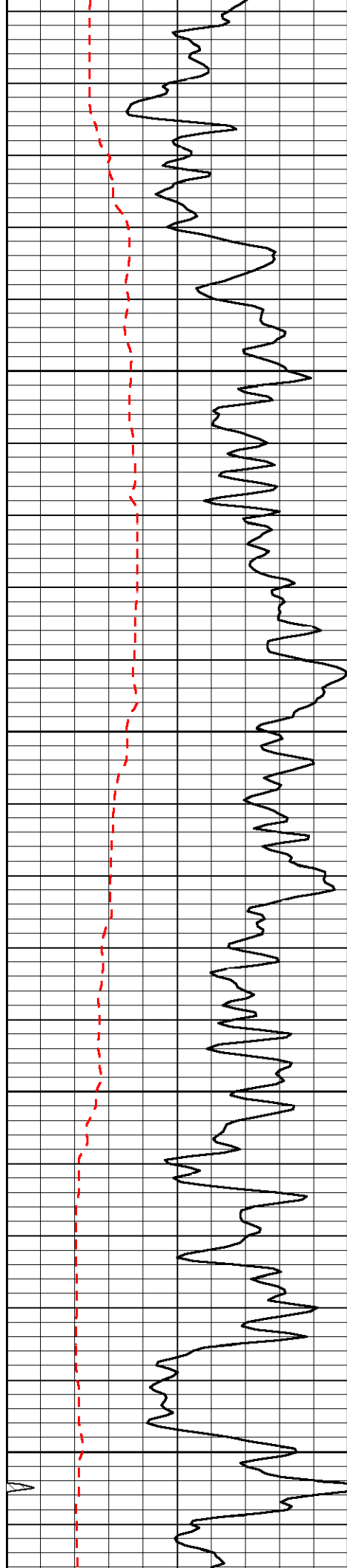


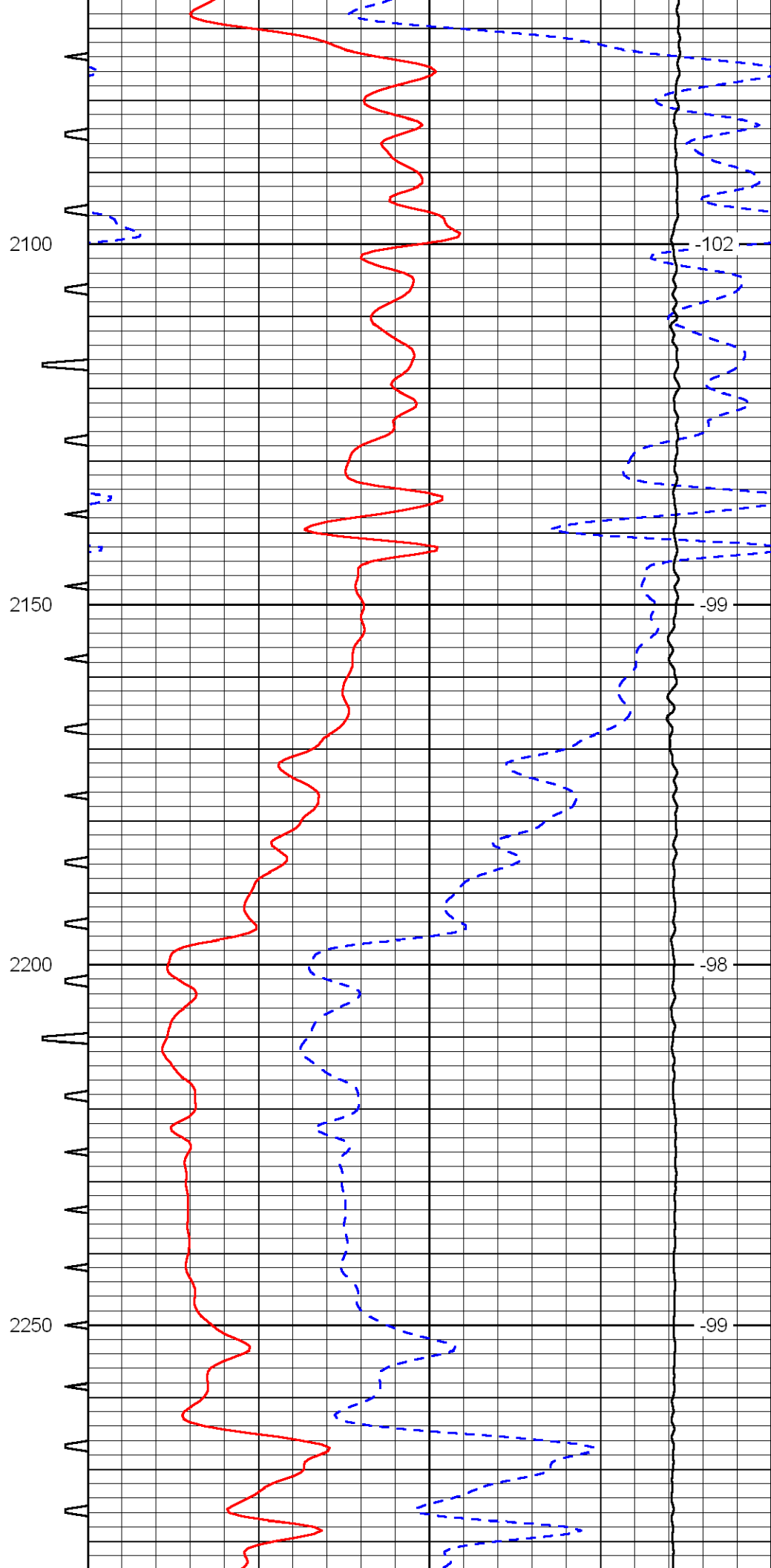
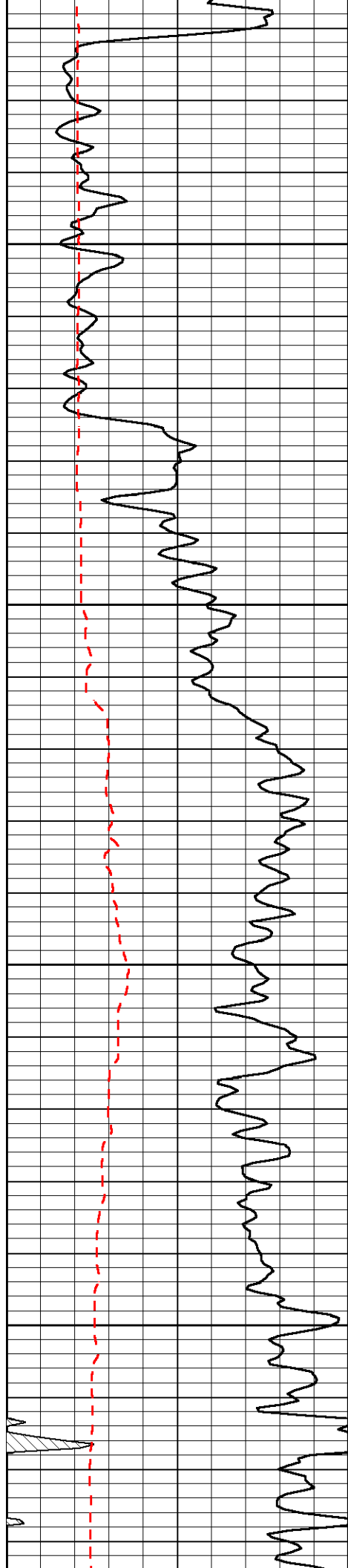


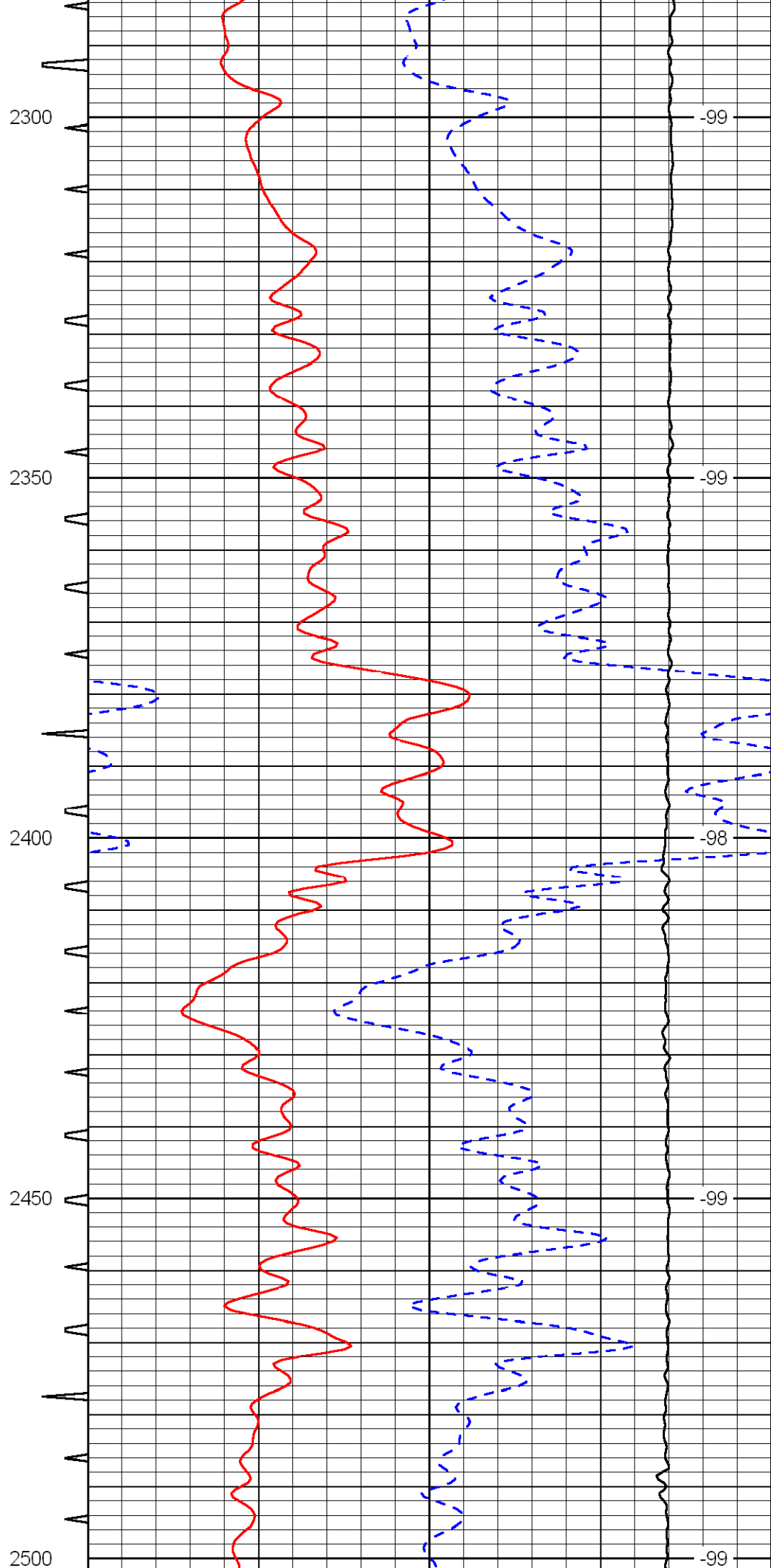
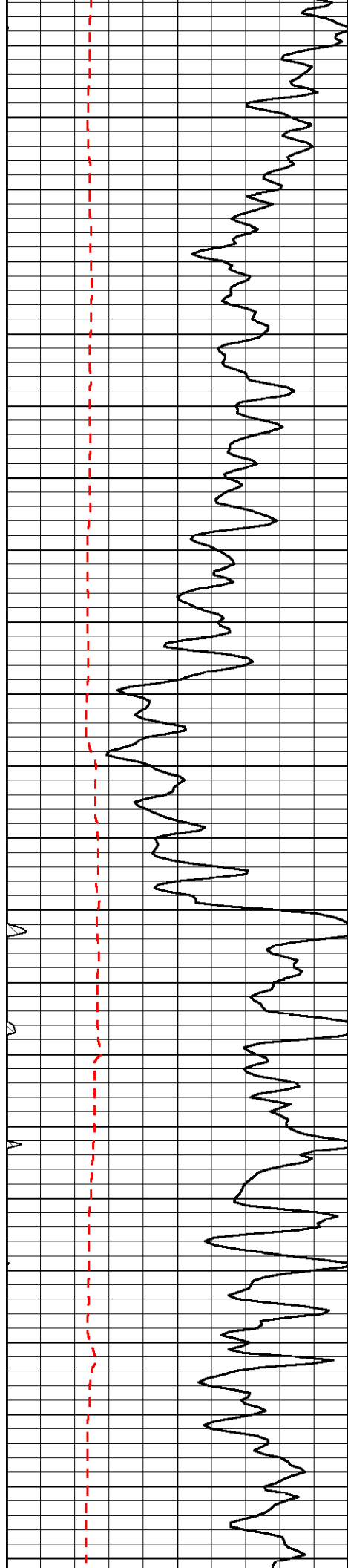


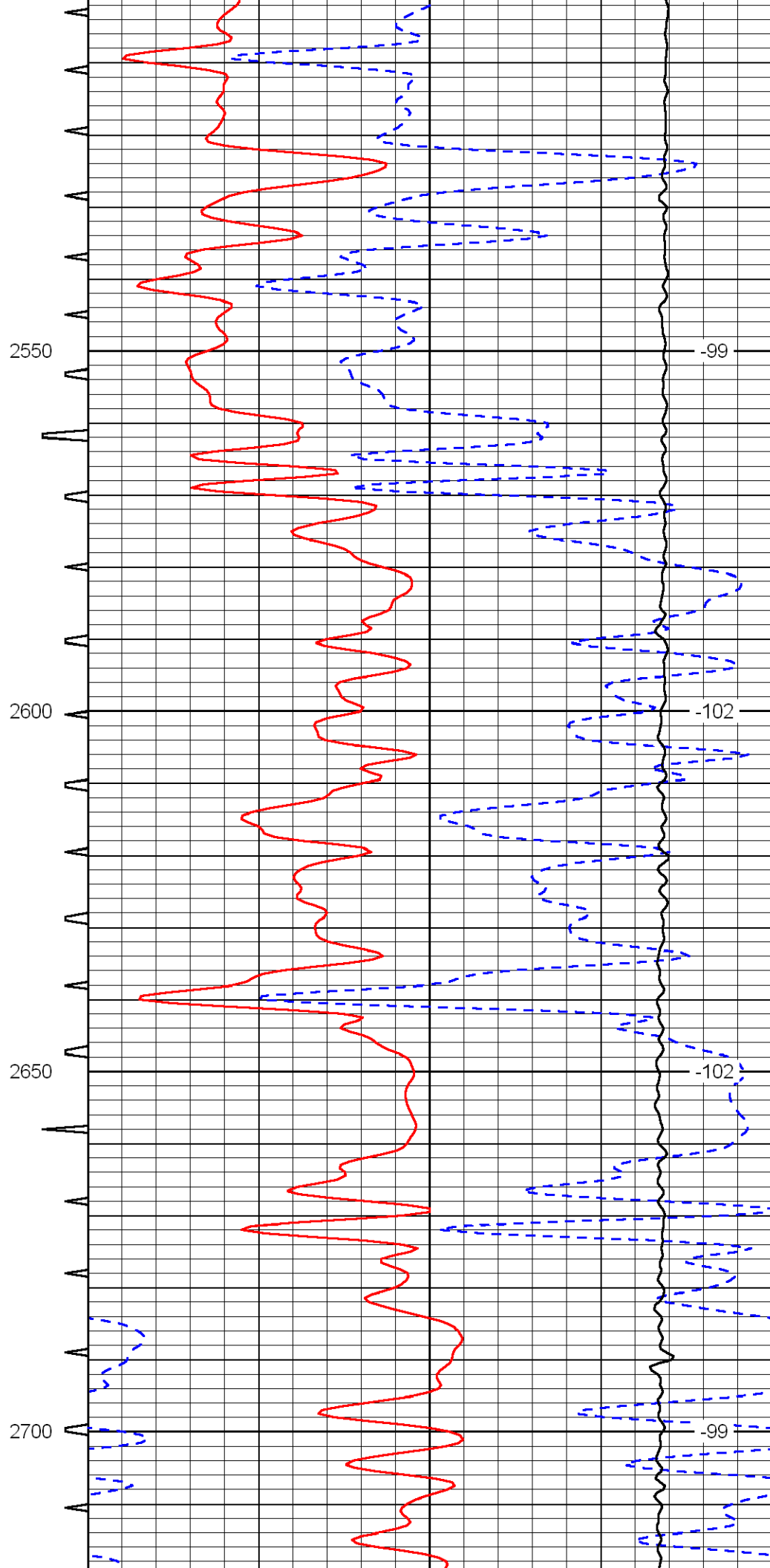
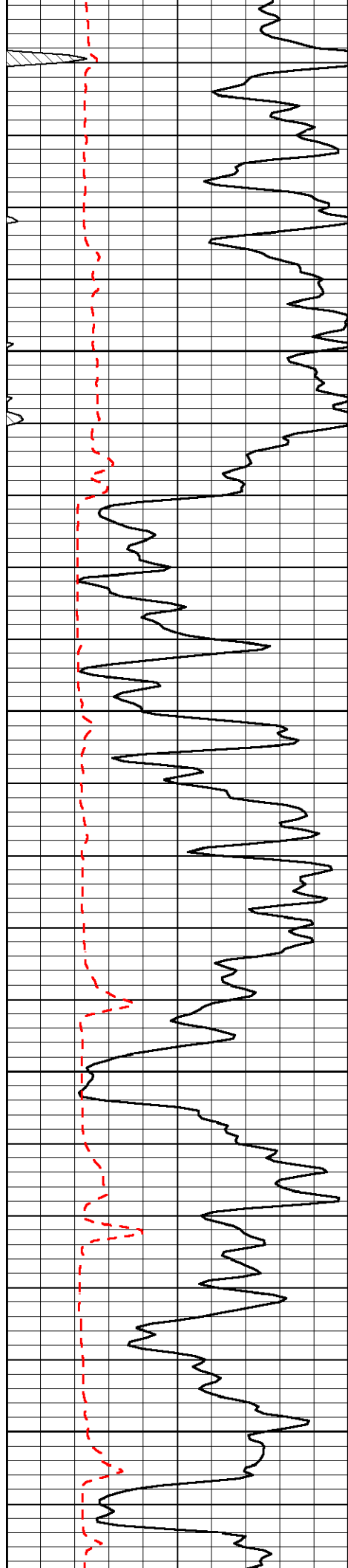


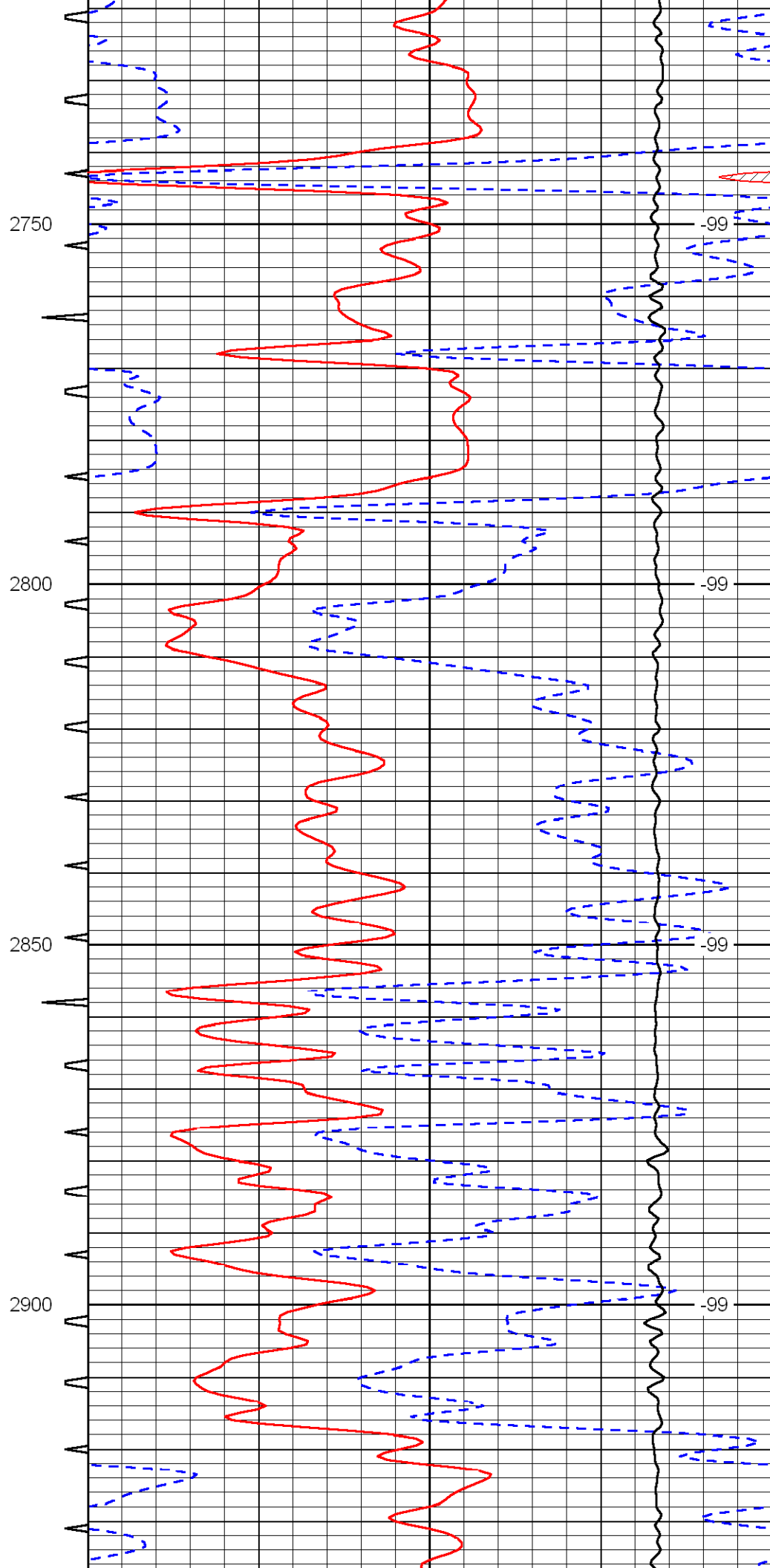
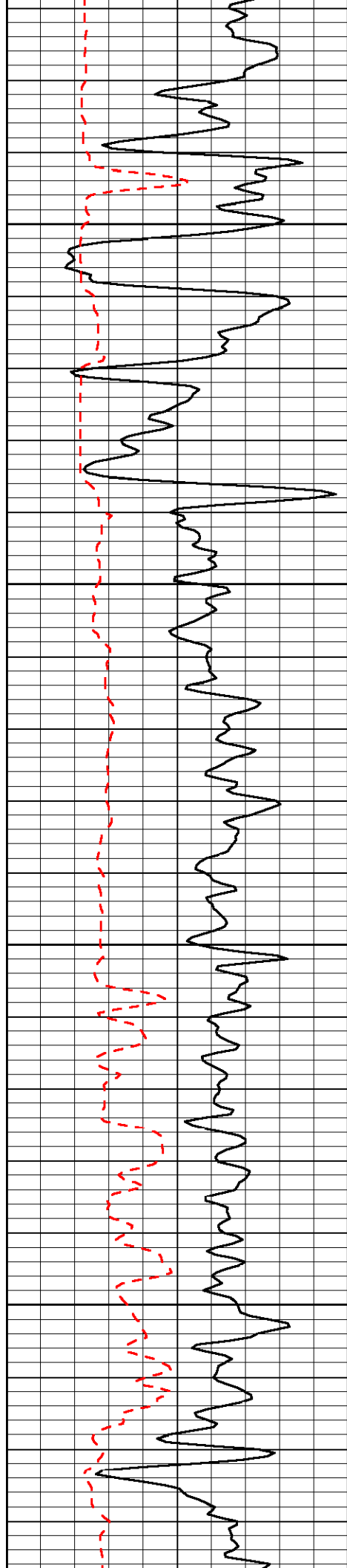


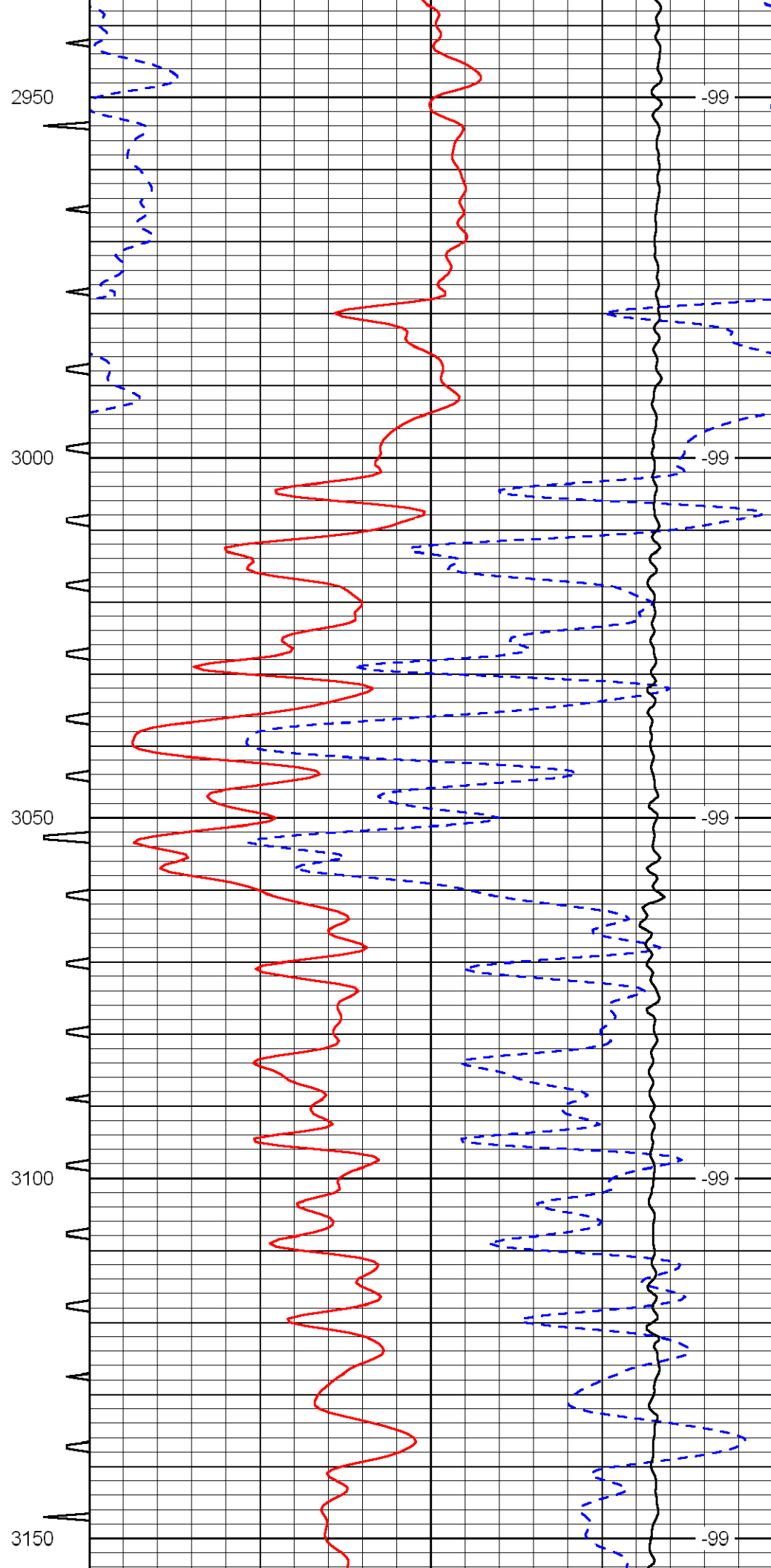
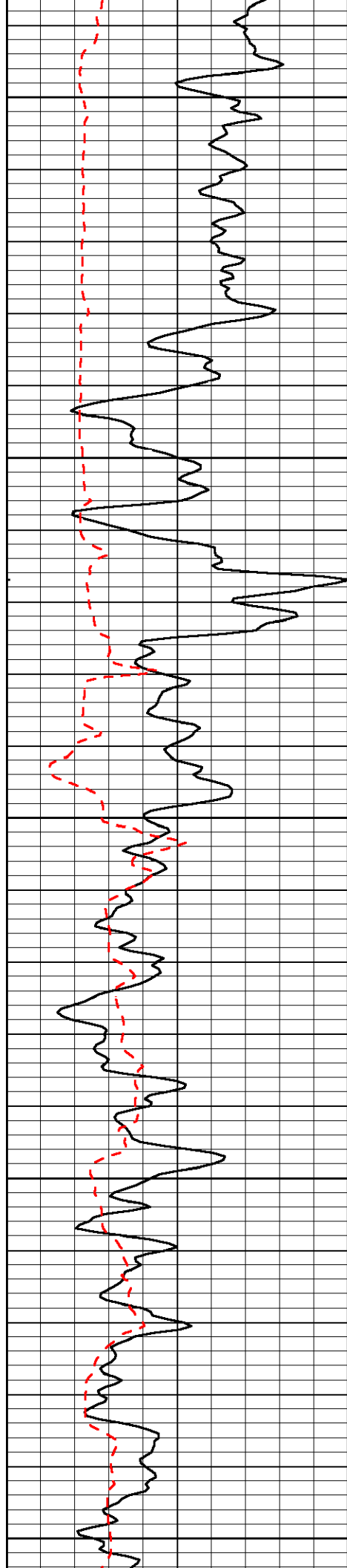


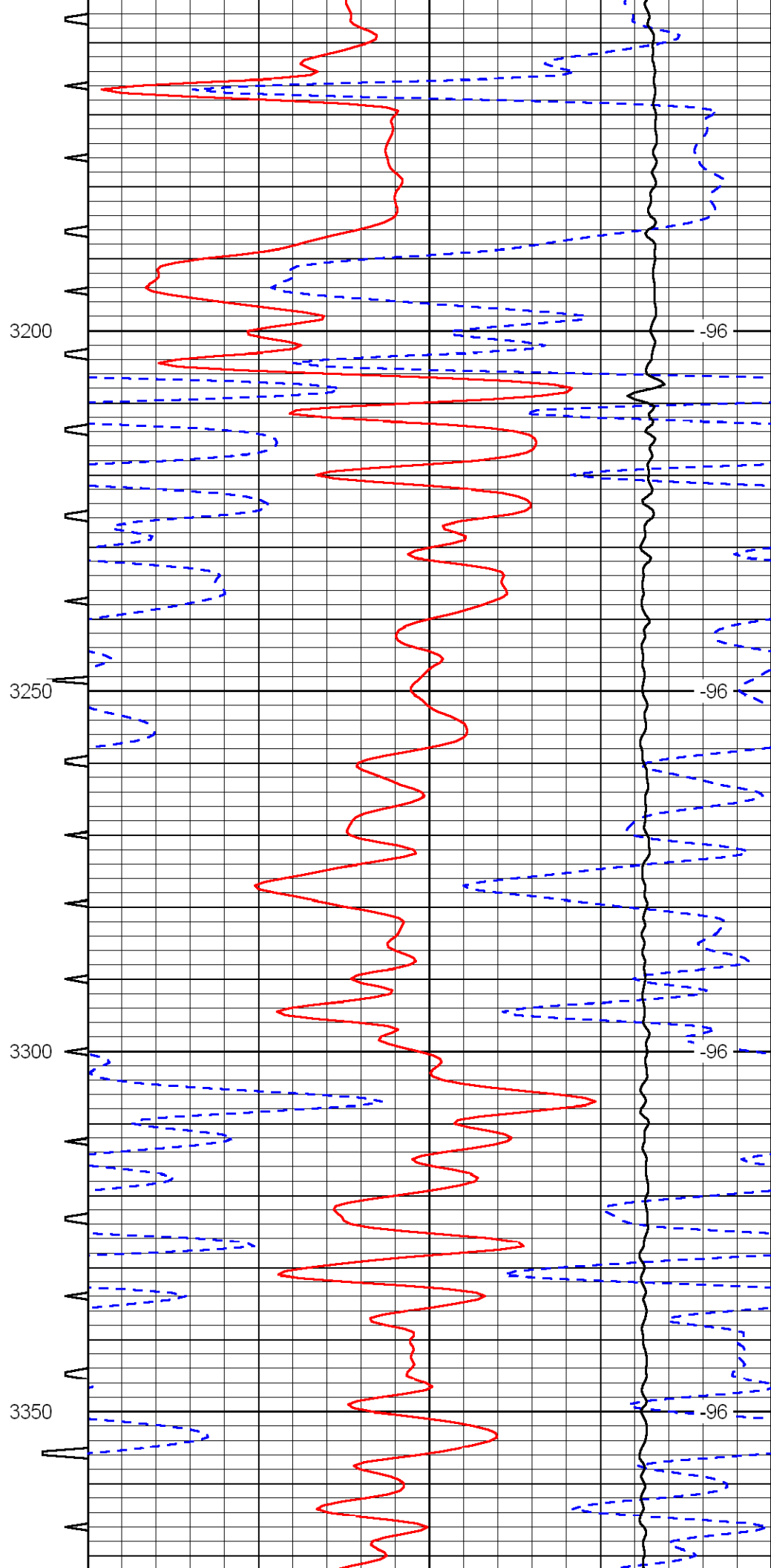
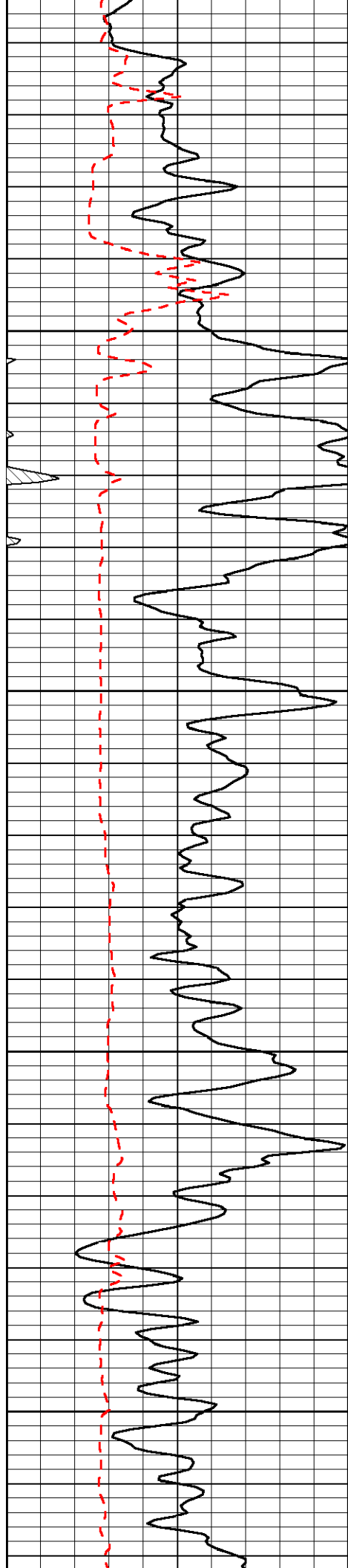


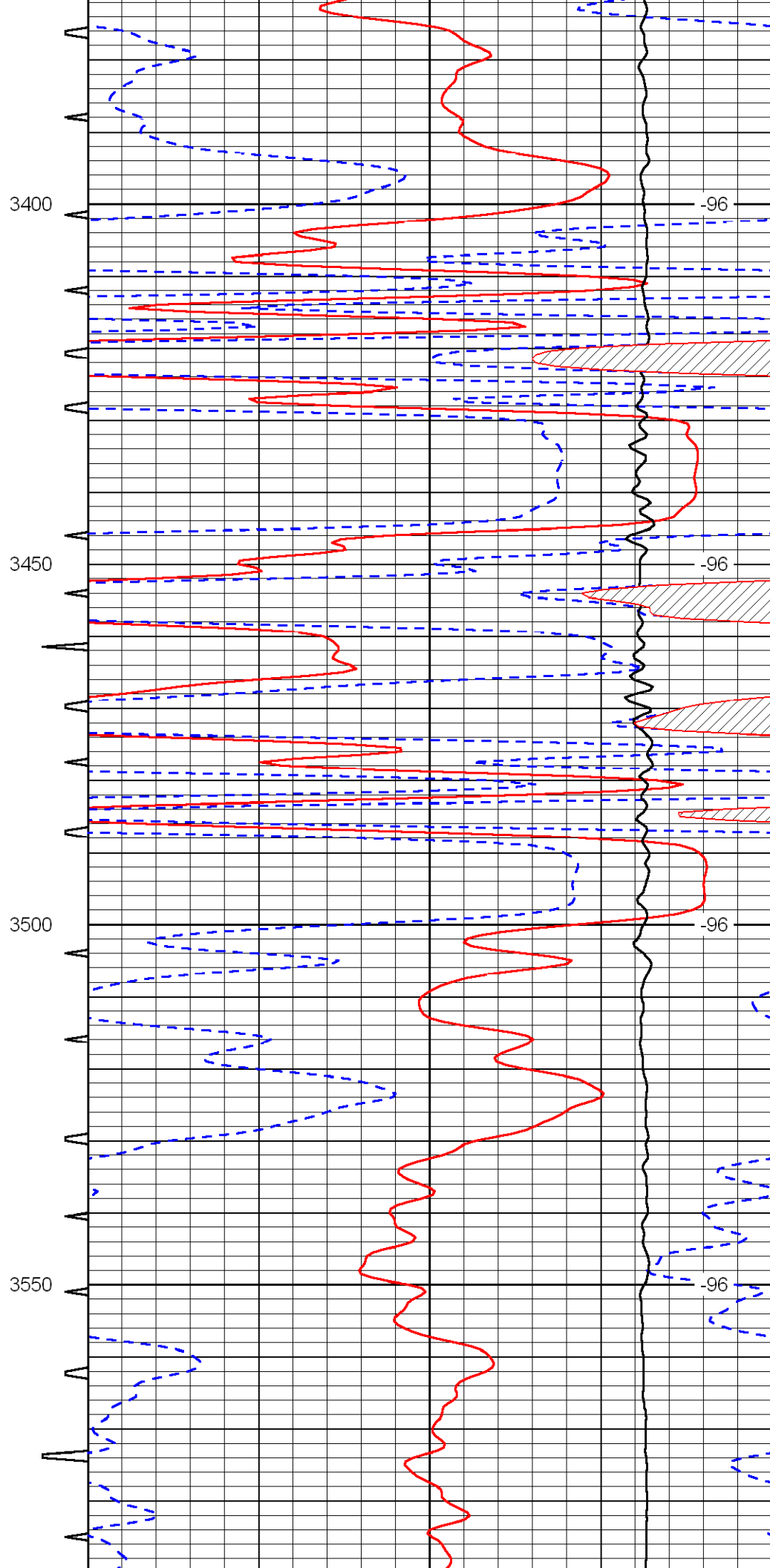
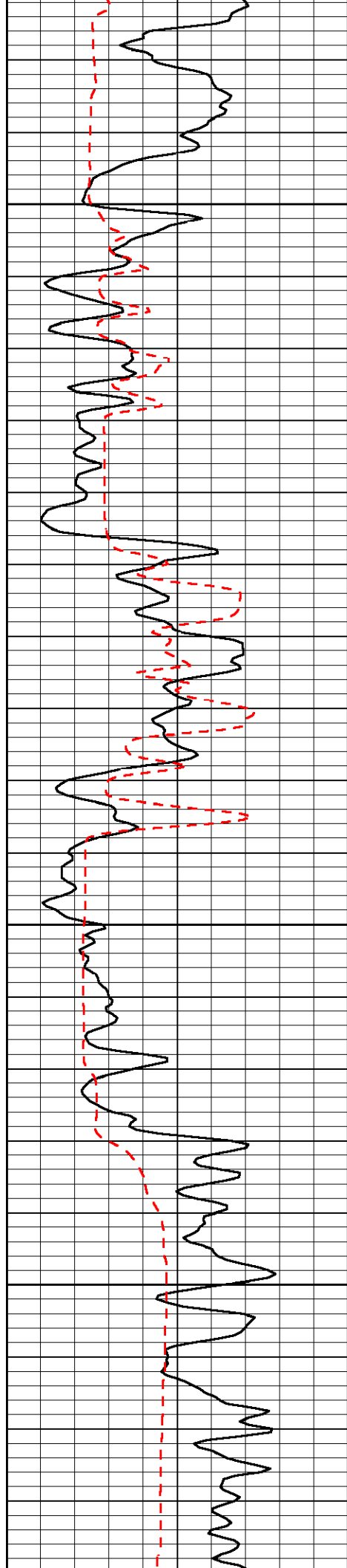


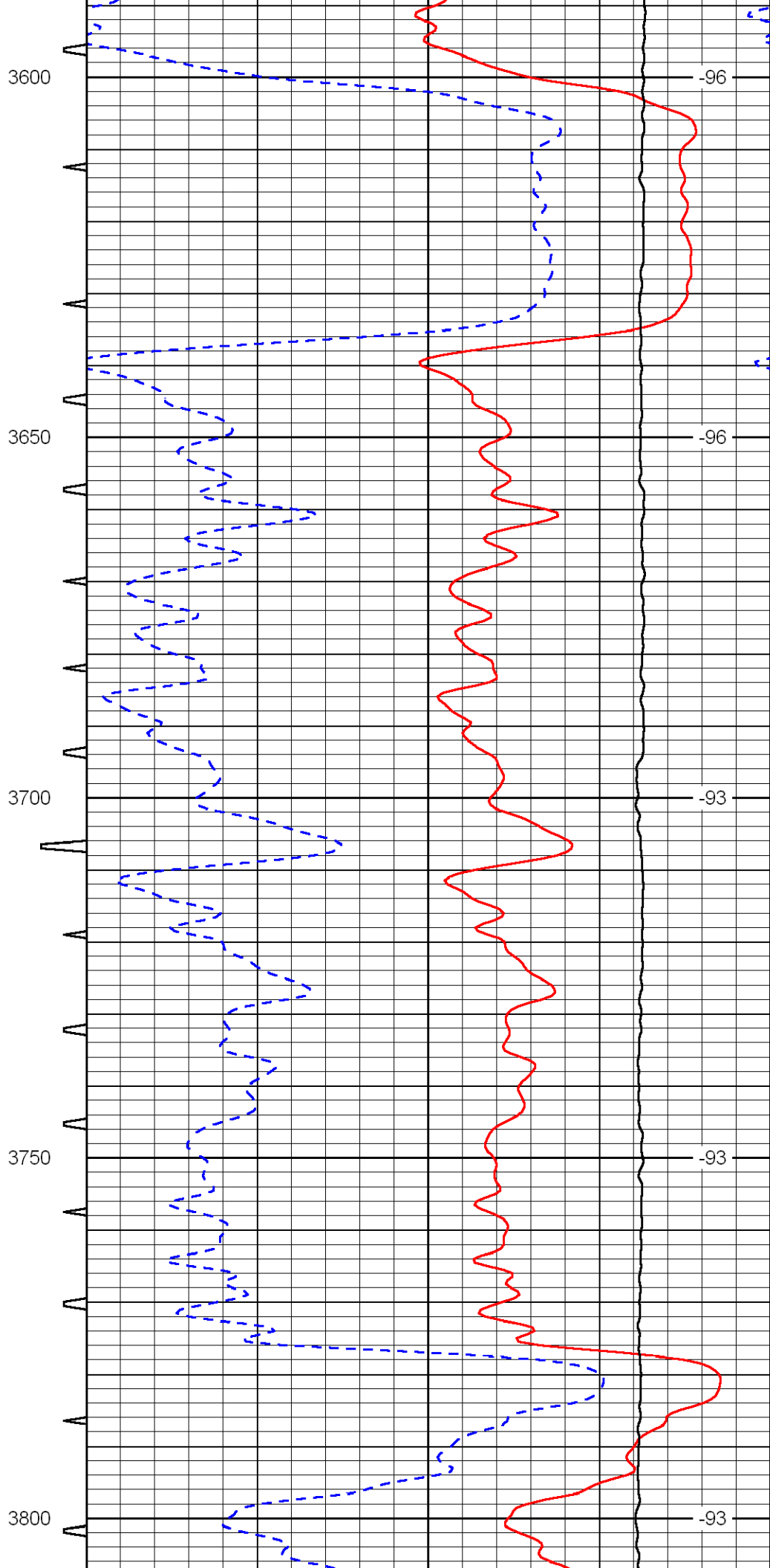
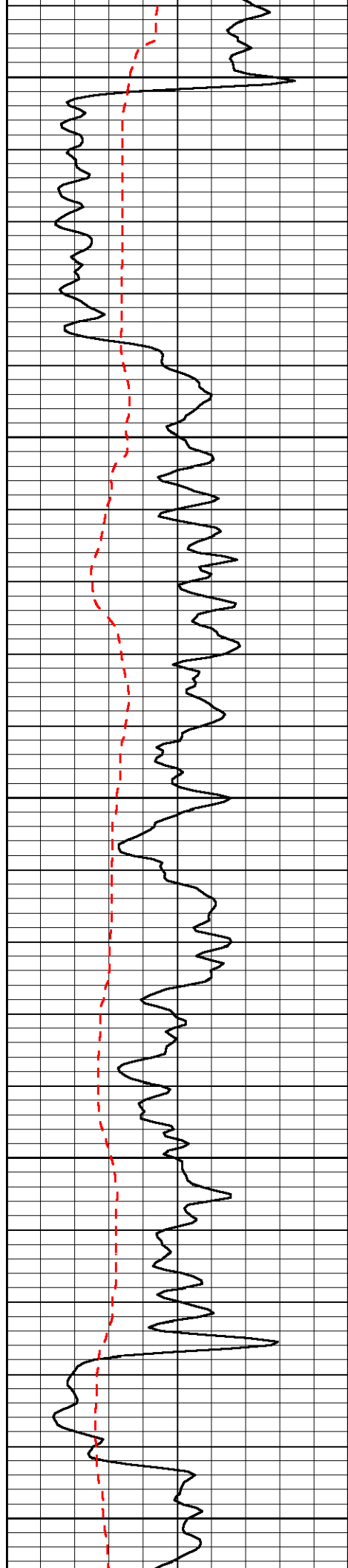


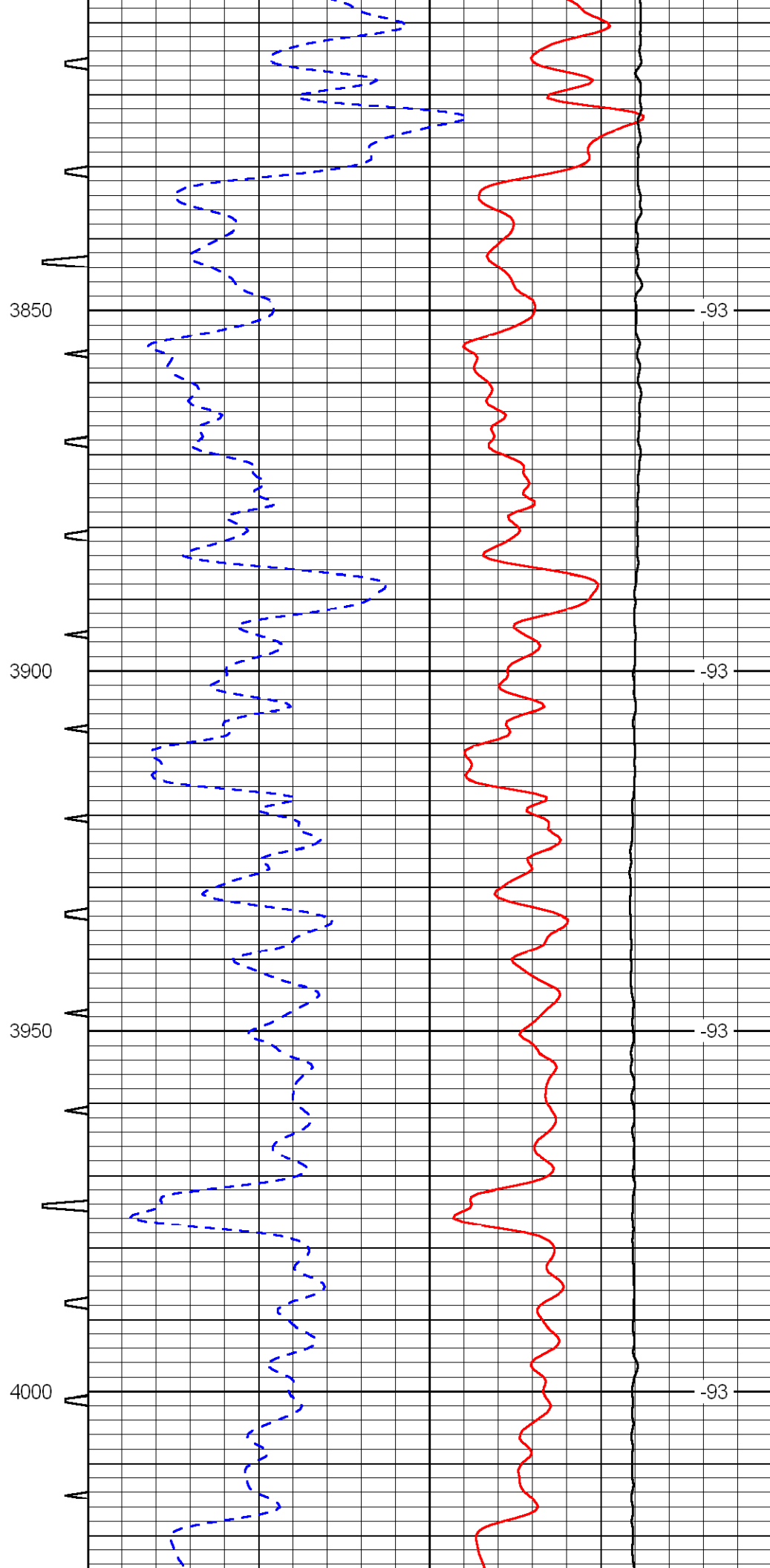
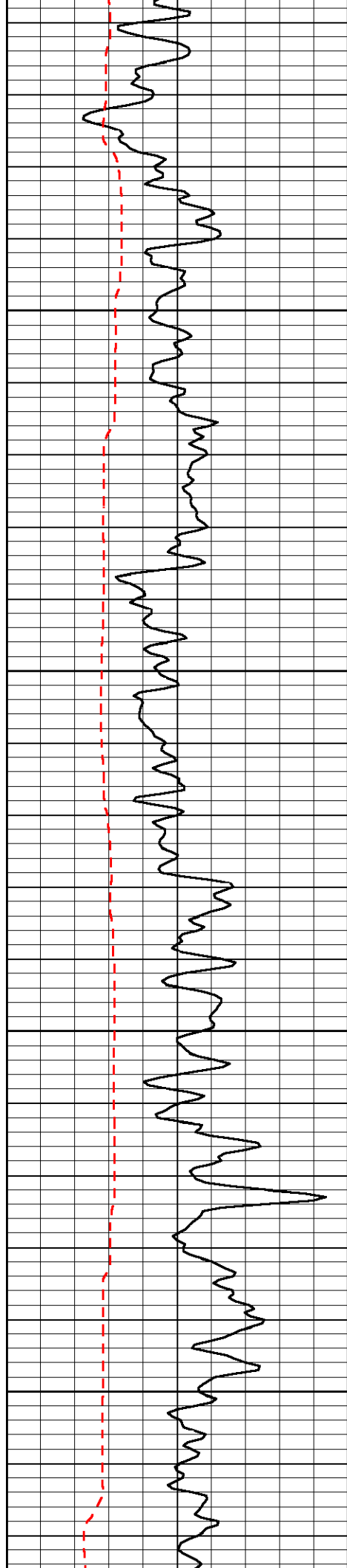


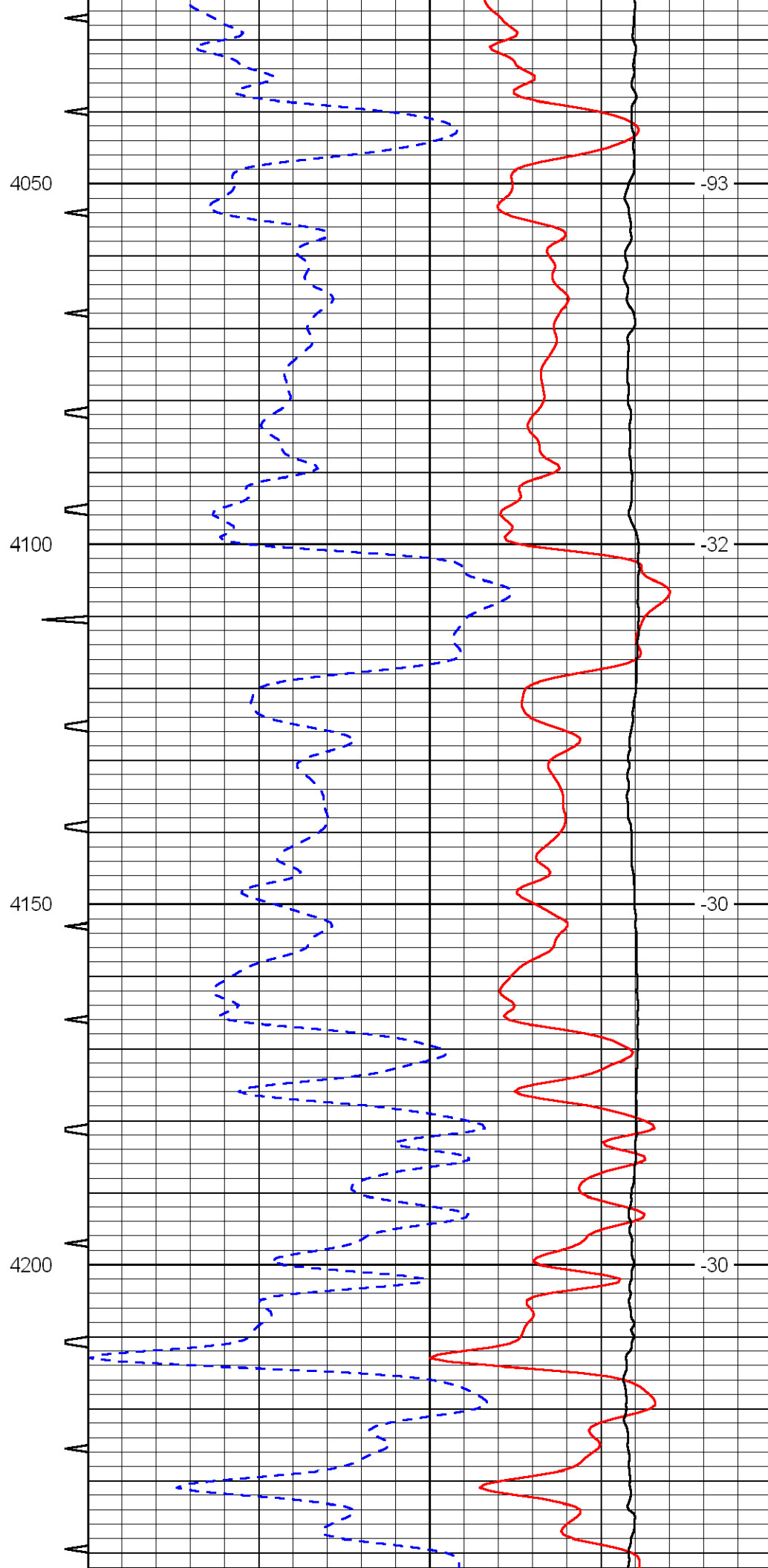
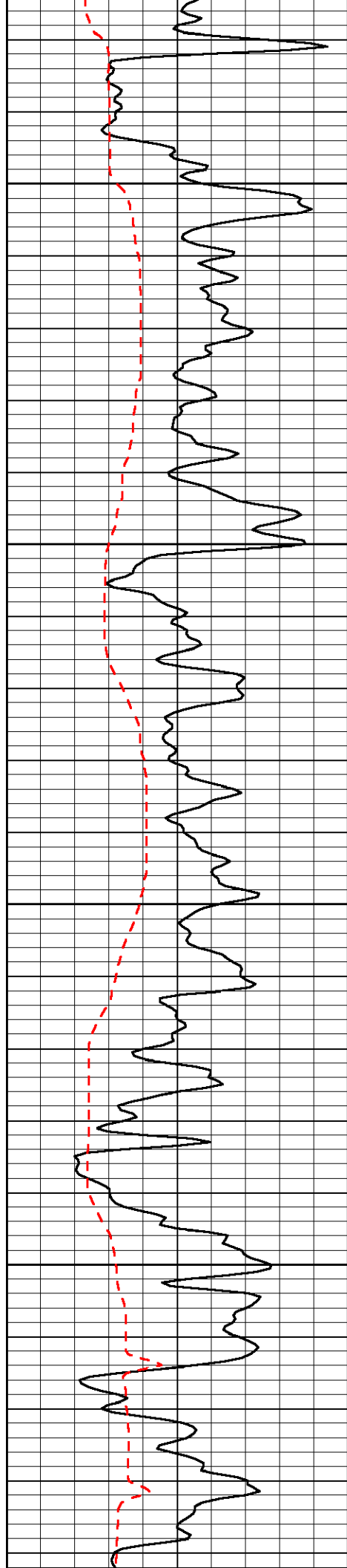


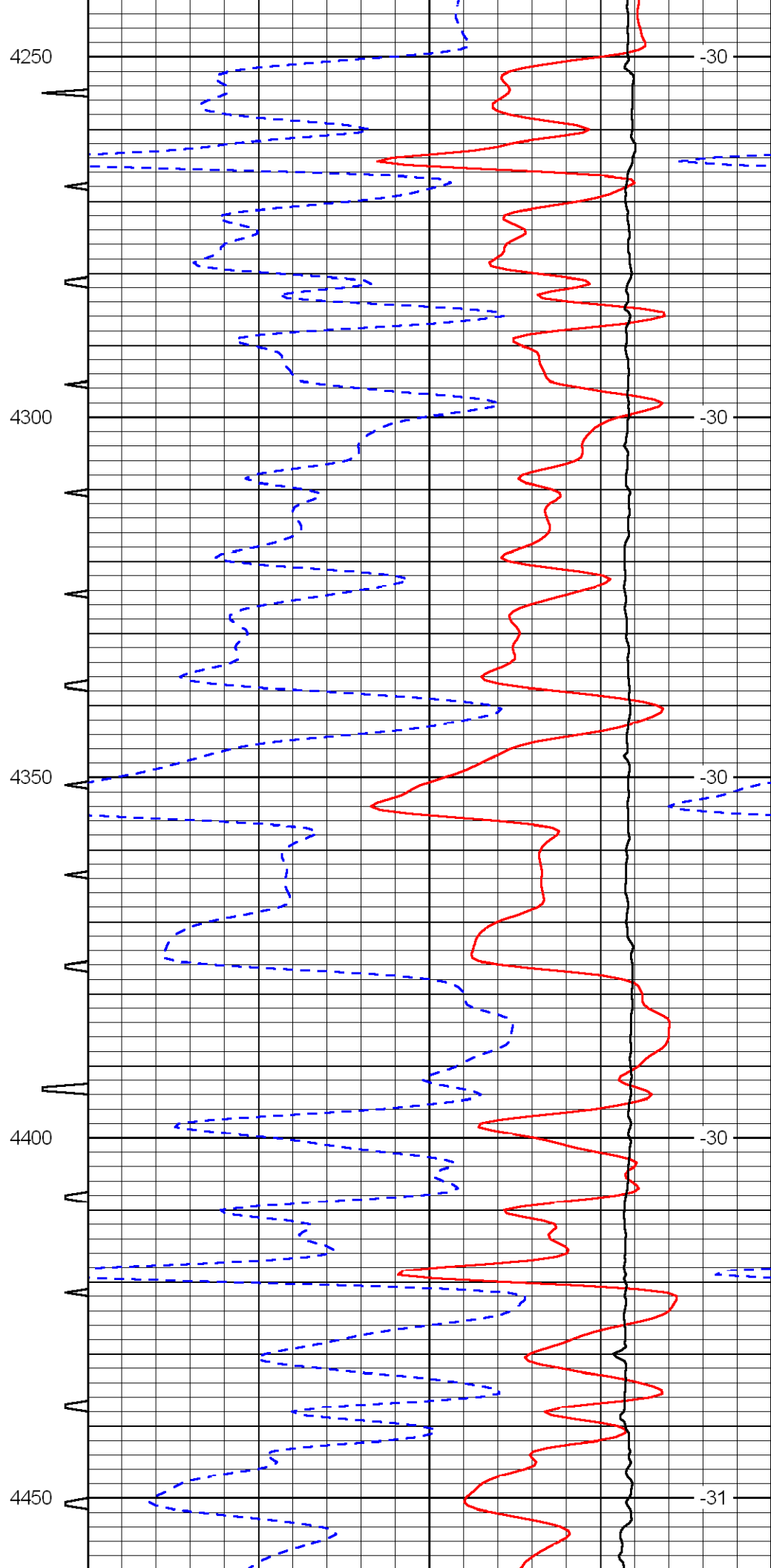
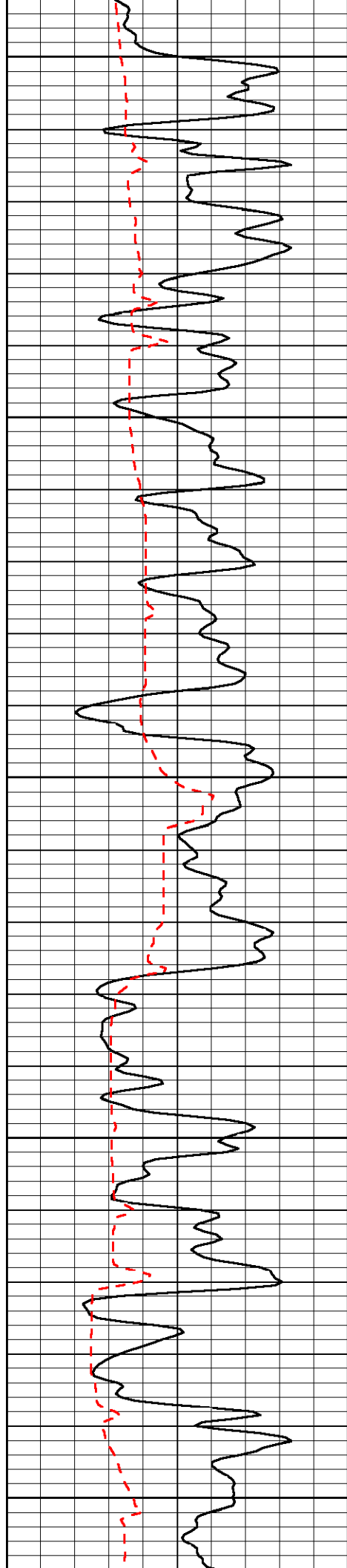


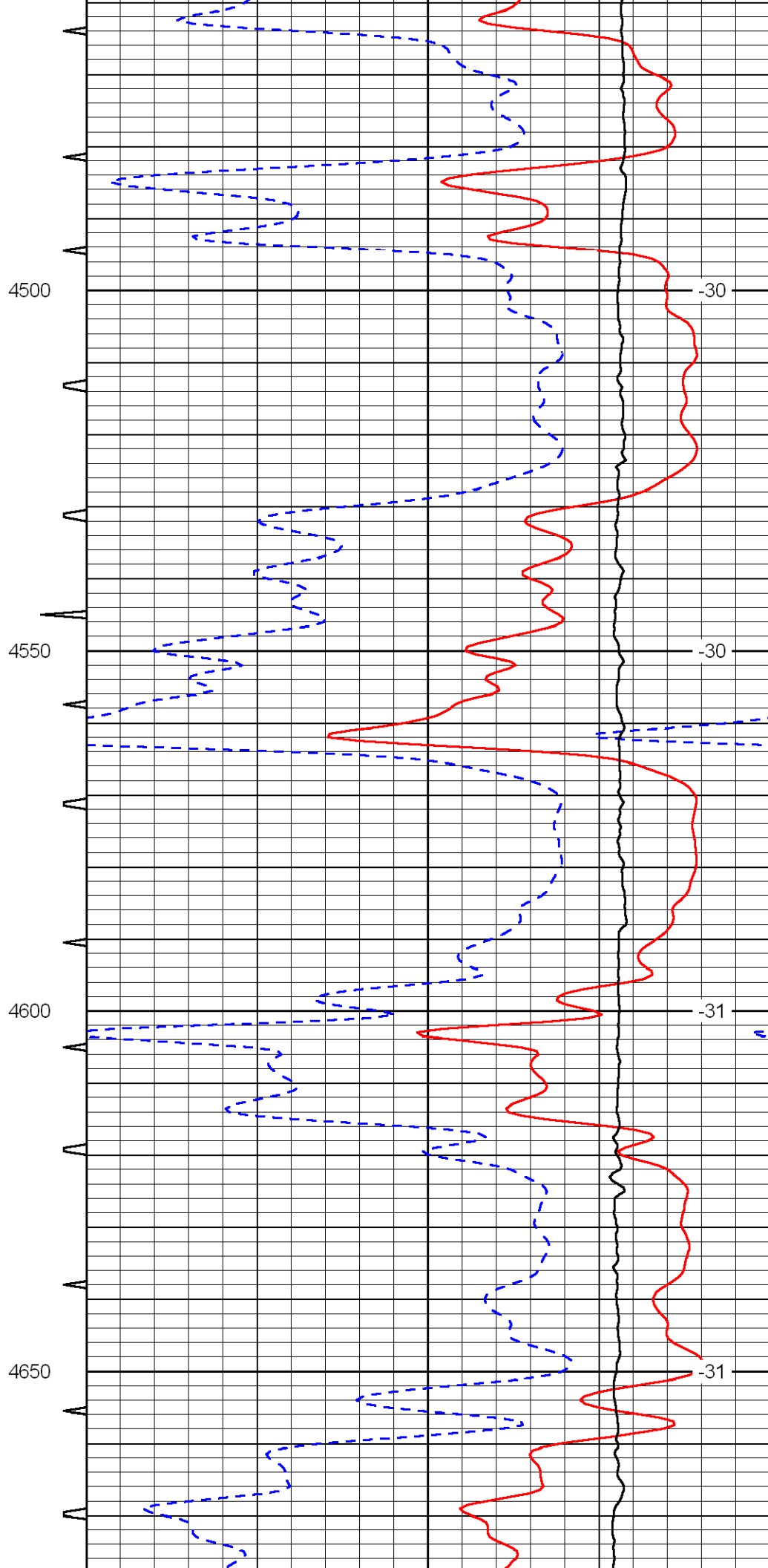
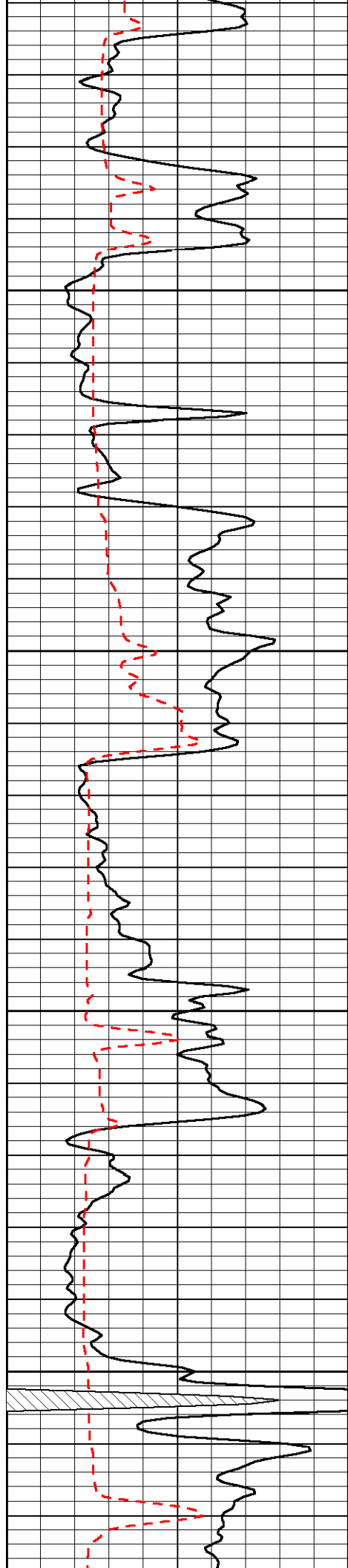


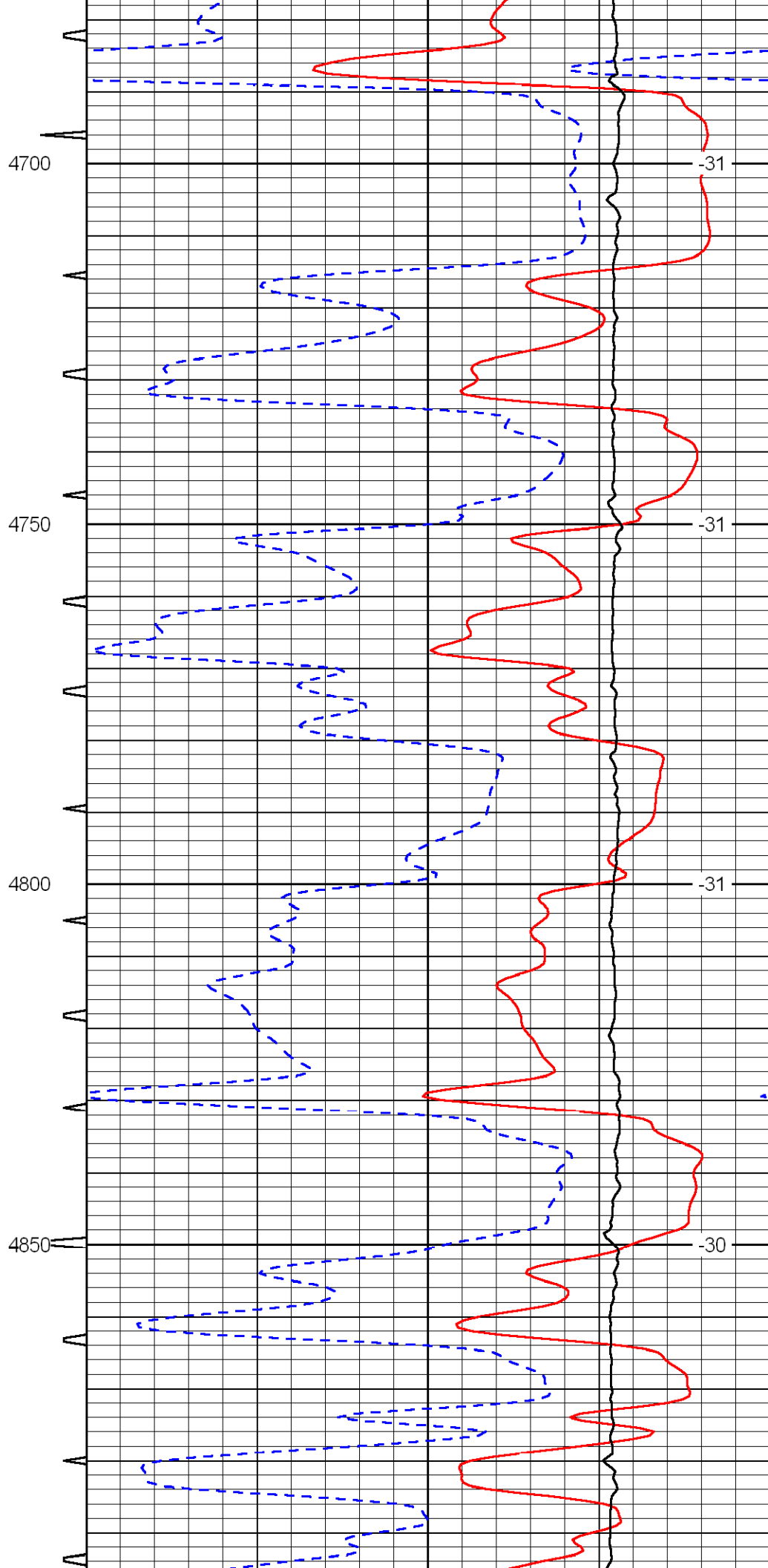
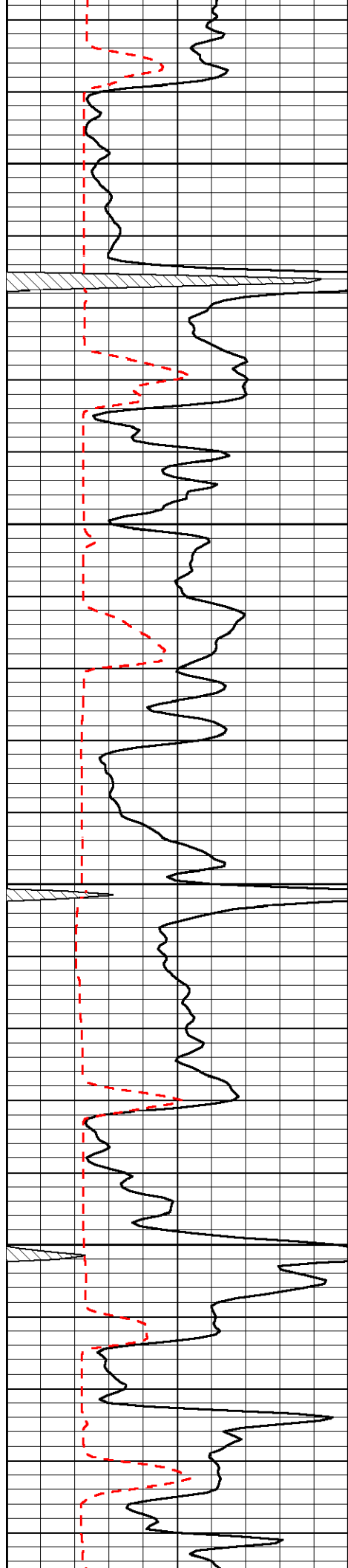


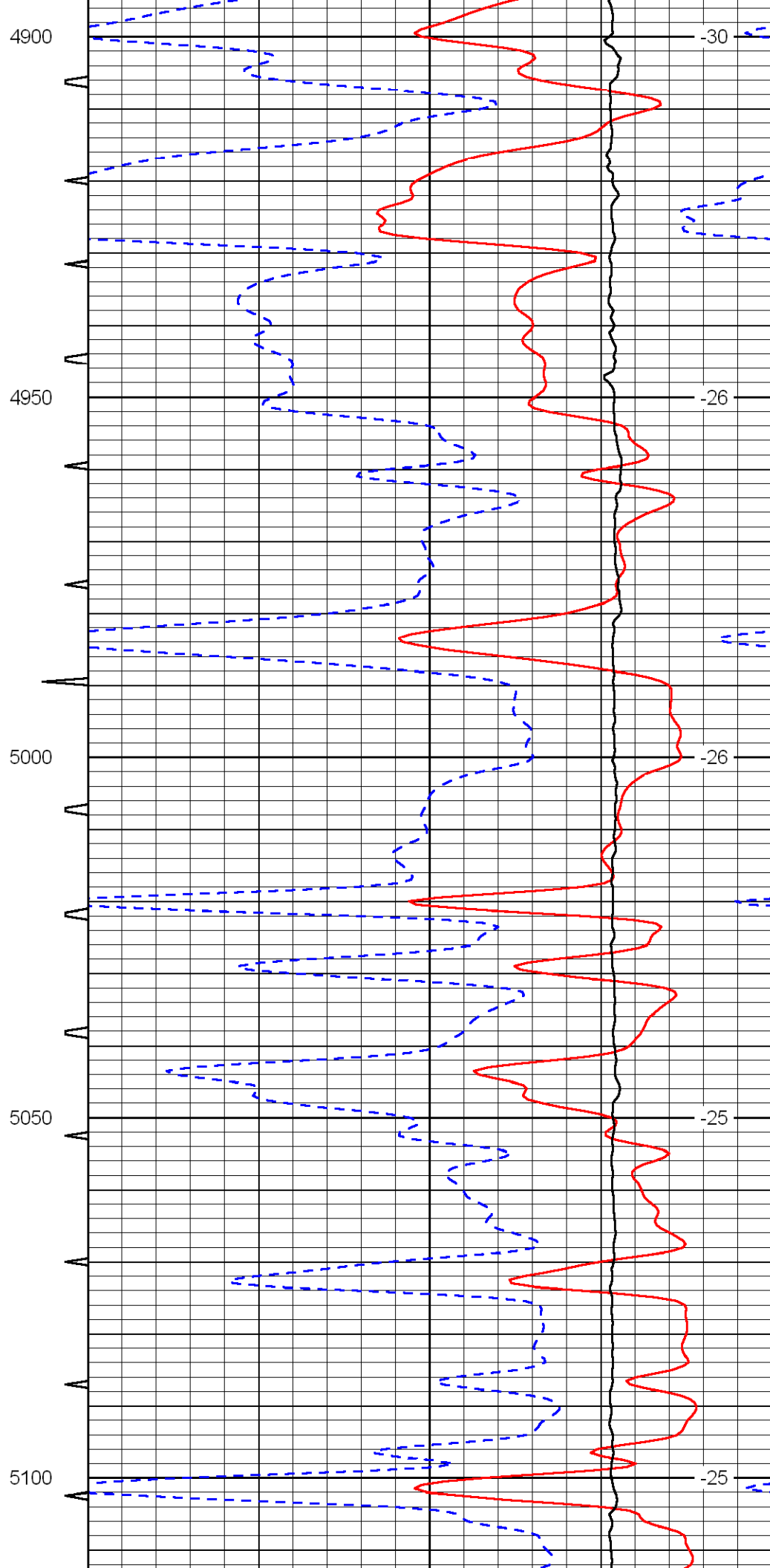
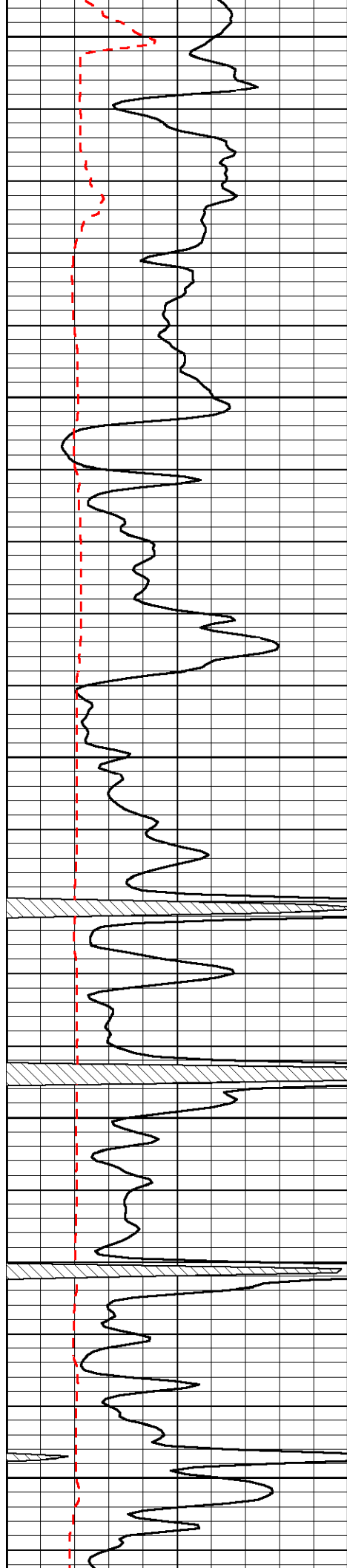


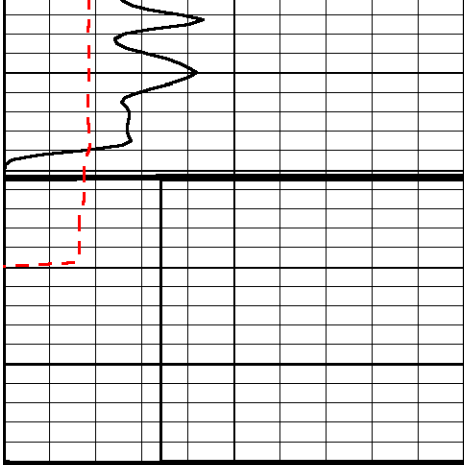








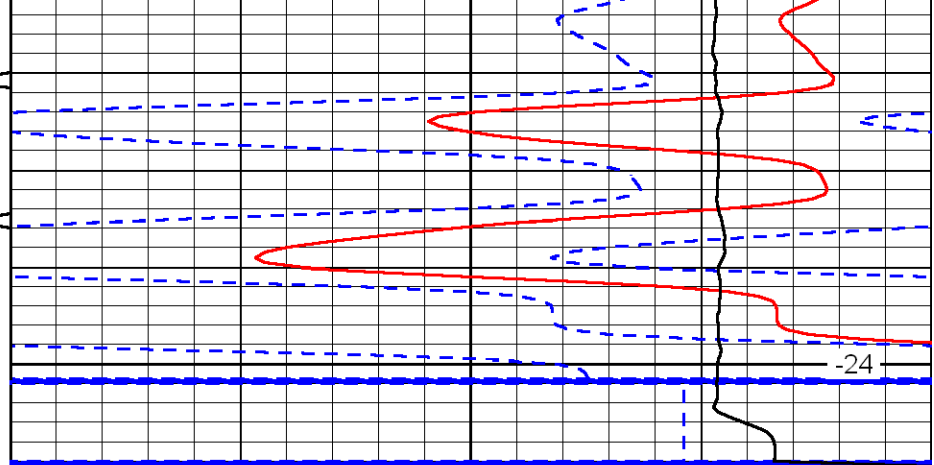




0	Gamma Ray	150
150	Gamma Ray	300
6	Caliper (GAPI)	16

5150

Sonic Int	140	Delta Time (usec/ft)	40
5	0	SPOR	-10
	10000	LTEN (lb)	0



LSPD