



Borehole Compensated Sonic Log

DIGITAL LOG (785) 625-3858

API No.

15-135-24,965-00-00

Company Pickrell Drilling Co., Inc.

Well Mollenkamp A/B No. 1

Field Stutz East

County Ness

State Kansas

Location 400' FSL & 840' FWL

Other Services
RAG

Sec: 4 Twp: 17S Rge: 25W

Permanent Datum Ground Level Elevation 2519

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

K.B. 2524
D.F. 2519
G.L. 2519

Date 10/18/2009

Run Number Two

Type Log BHC Sonic

Depth Driller 4480

Depth Logger 4484

Bottom Logged Interval 4473

Top Logged Interval 250

Type Fluid In Hole Chemical

Salinity, PPM CL 4,800

Density 9.3

Level Full

Max. Rec. Temp. F 123

Operating Rig Time 3 Hours

Equipment -- Location 10 Hays

Recorded By Jason Wellbrock

Witnessed By Jerry A. Smith

Borehole Record

Casing Record

Run No

Bit

From

To

Size

Wgt.

From

To

1 12.25

00

260

8.625

24#

00

260

<<< 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.

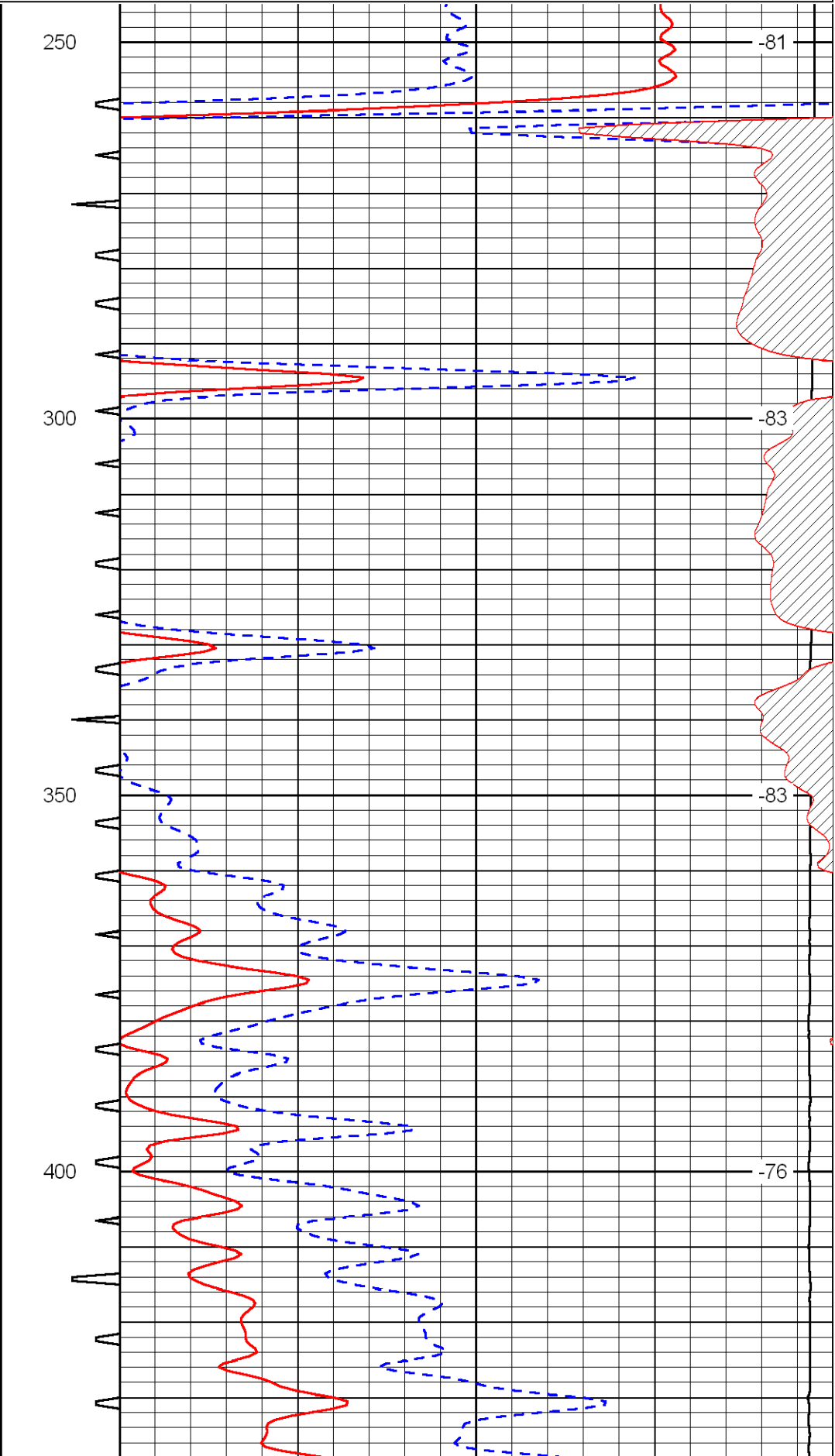
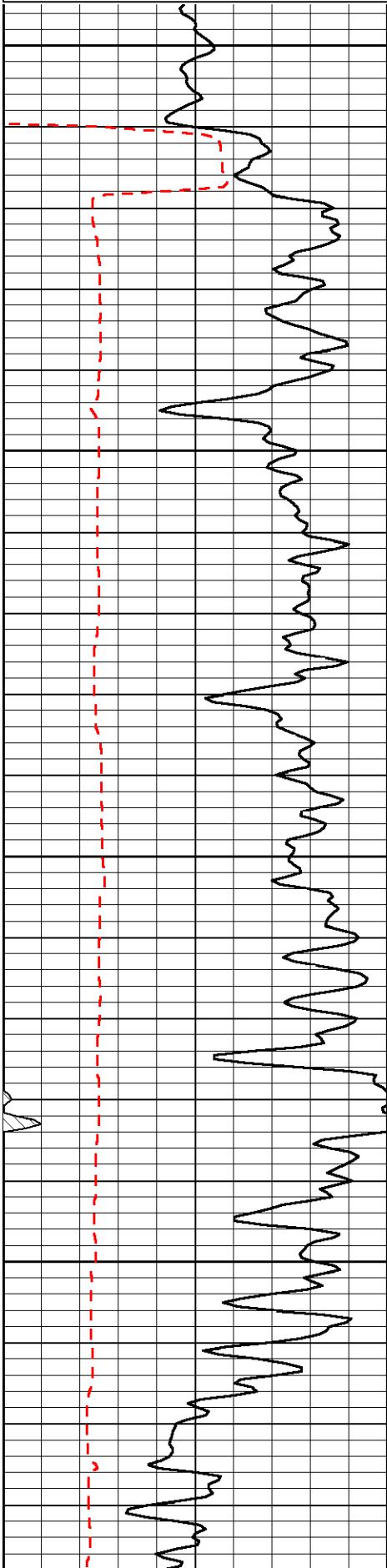
Comments

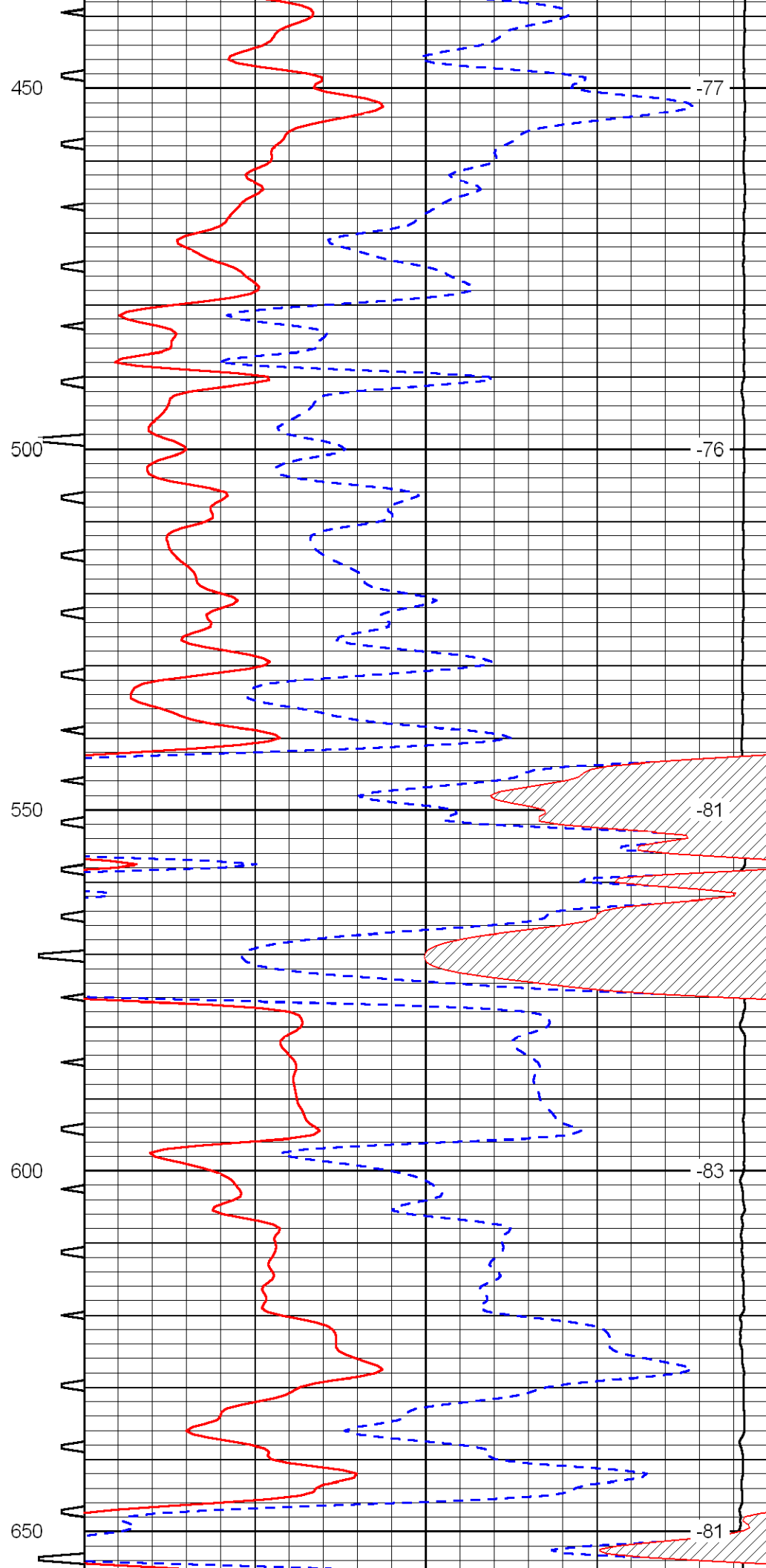
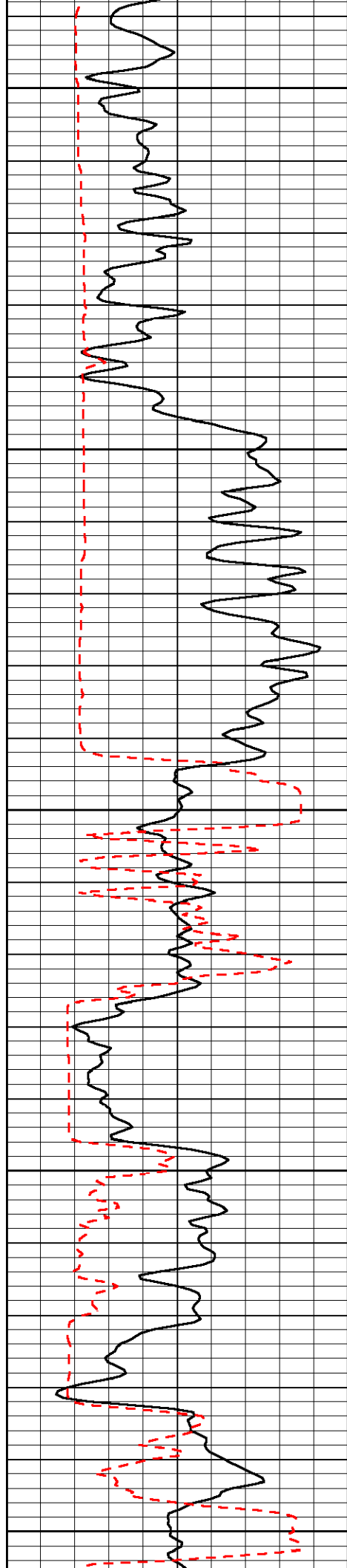
Thank you for using Log-Tech, Inc.
(785) 625-3858

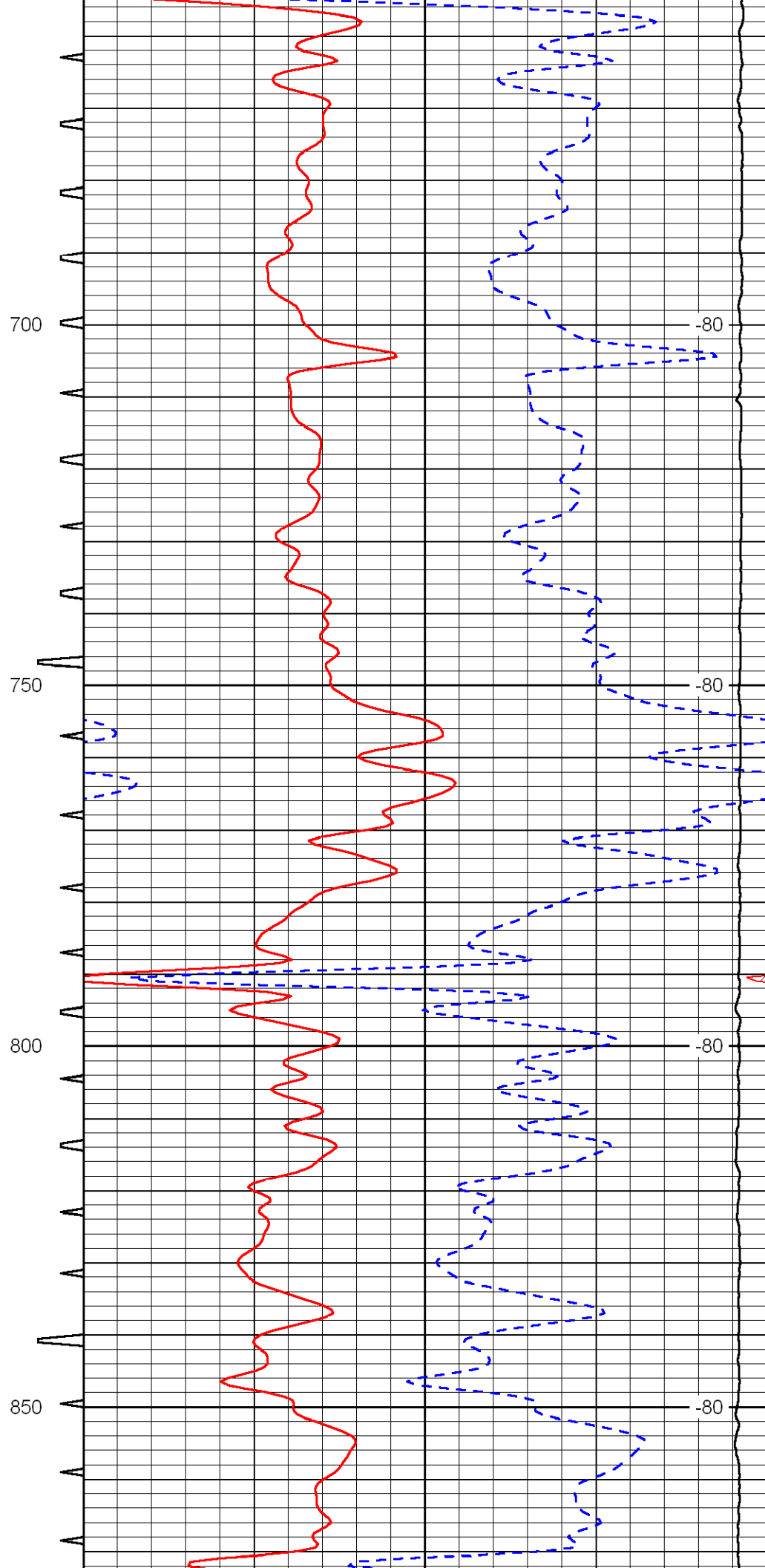
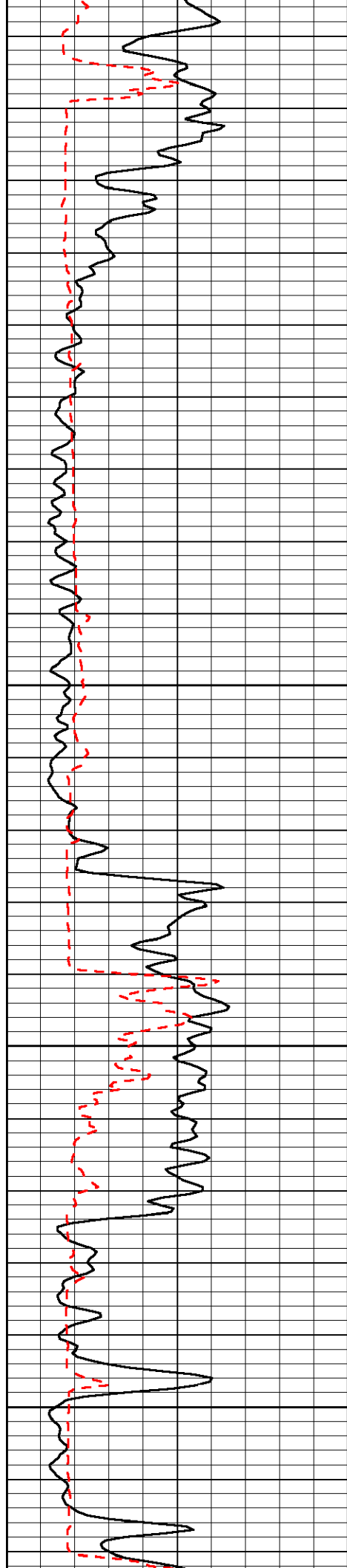
Arnold W 3, S 3, E Into

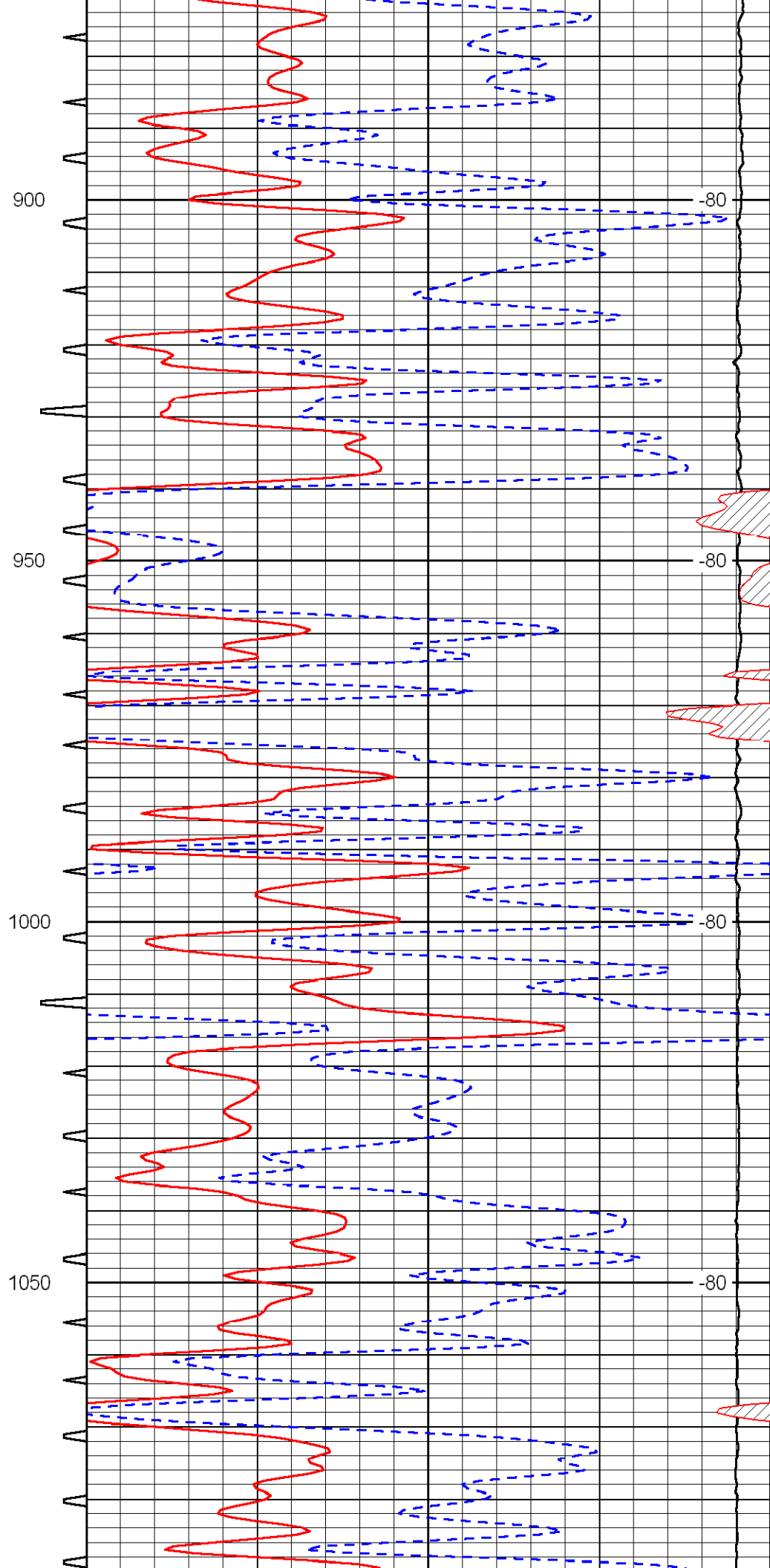
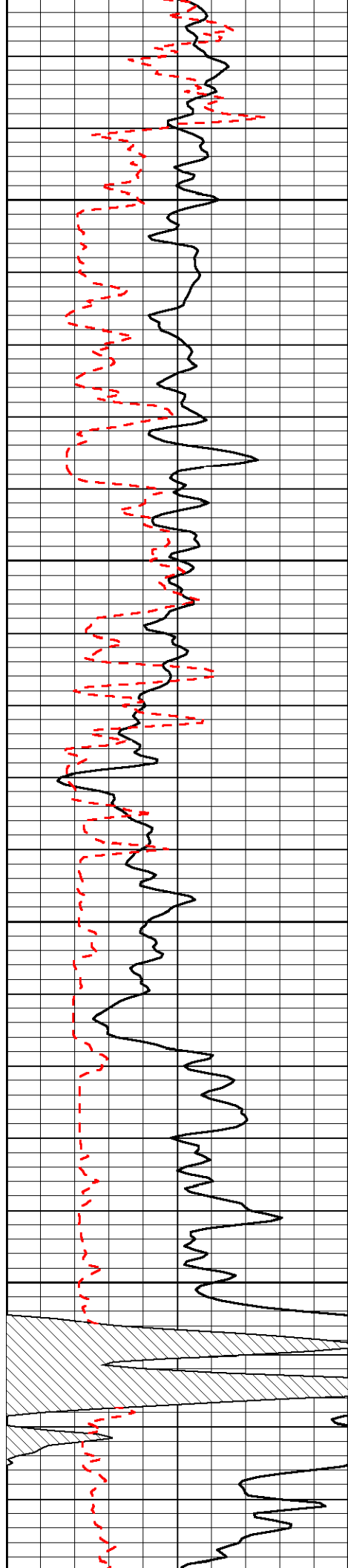
Database File: c:\warrior\data\pickrell_mollenkamp ab no. 1\pickrellhd.db
Dataset Pathname: rag/pick2in
Presentation Format: sonic
Dataset Creation: Sun Oct 18 15:47:15 2009
Charted by: Depth in Feet scaled 1:240

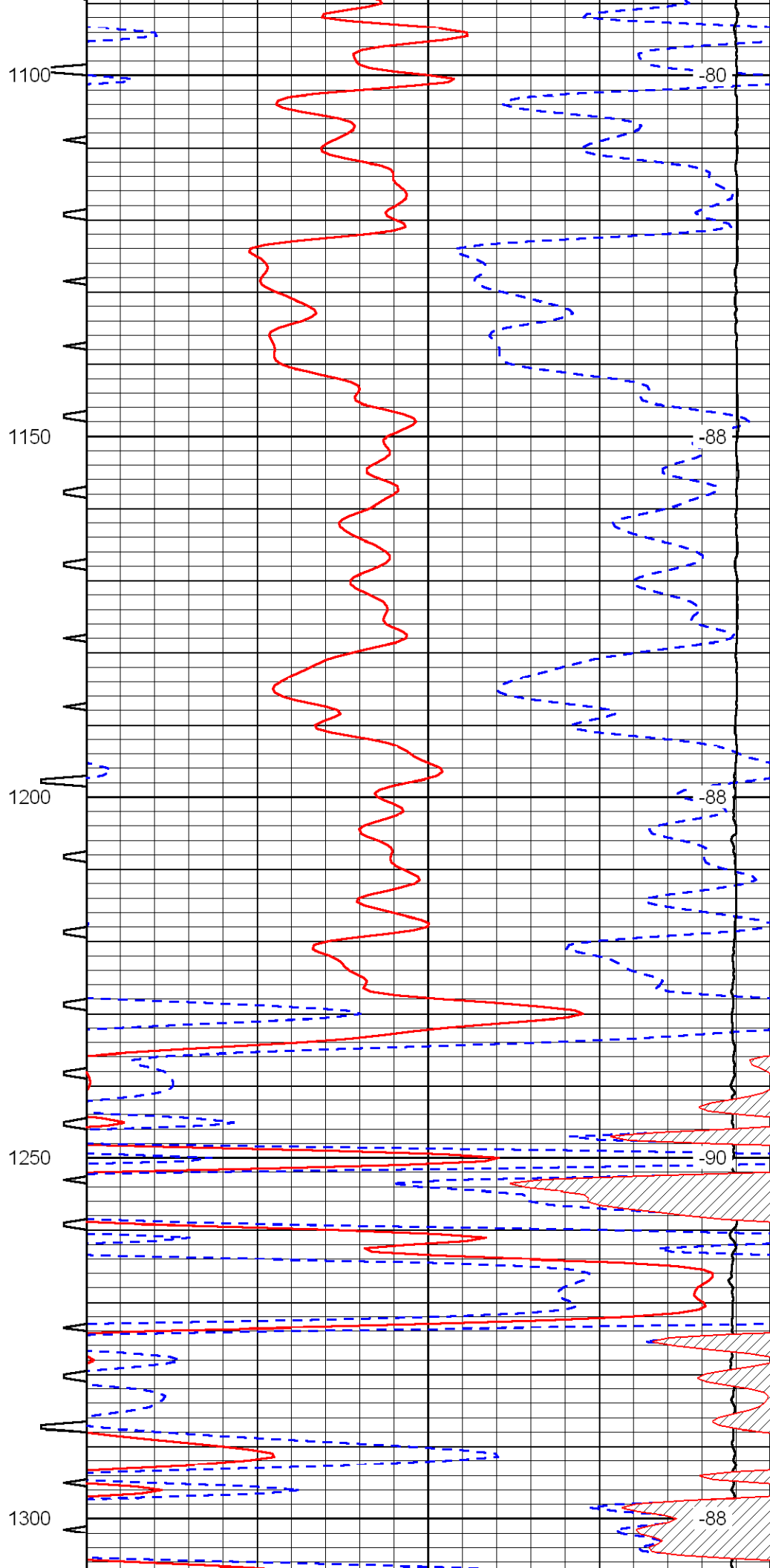
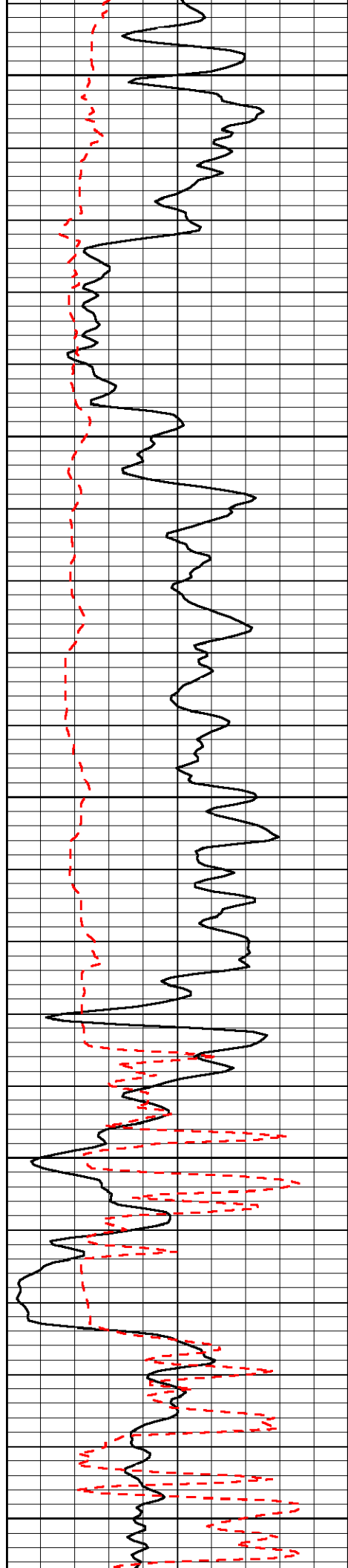
0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	Gamma Ray	300	5 (msec)	0	SPOR (pu)	-10
6	scal (in)	16		10000	LTEN (lb) (lb)	0
						LSPD (ft/min)

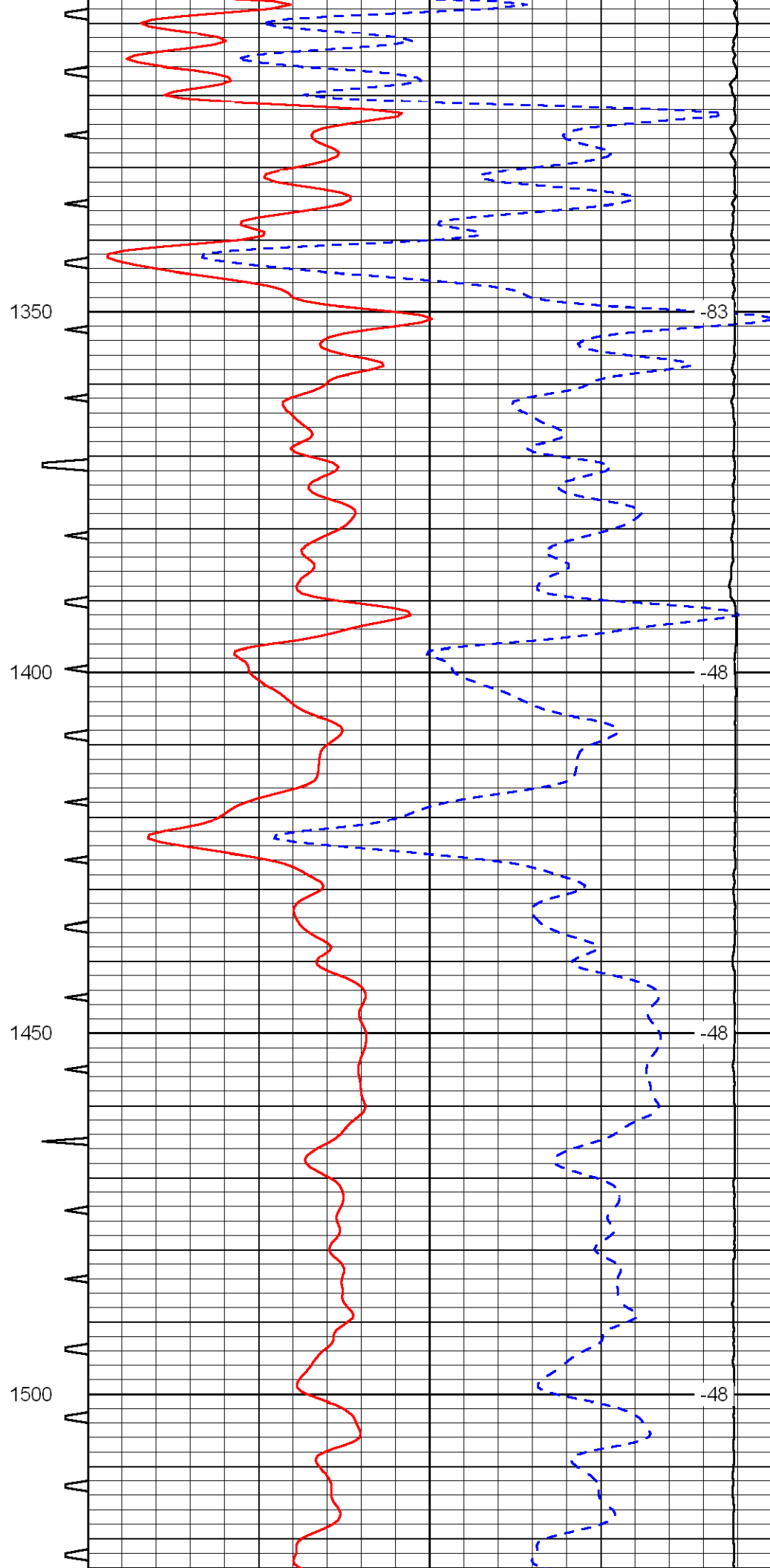
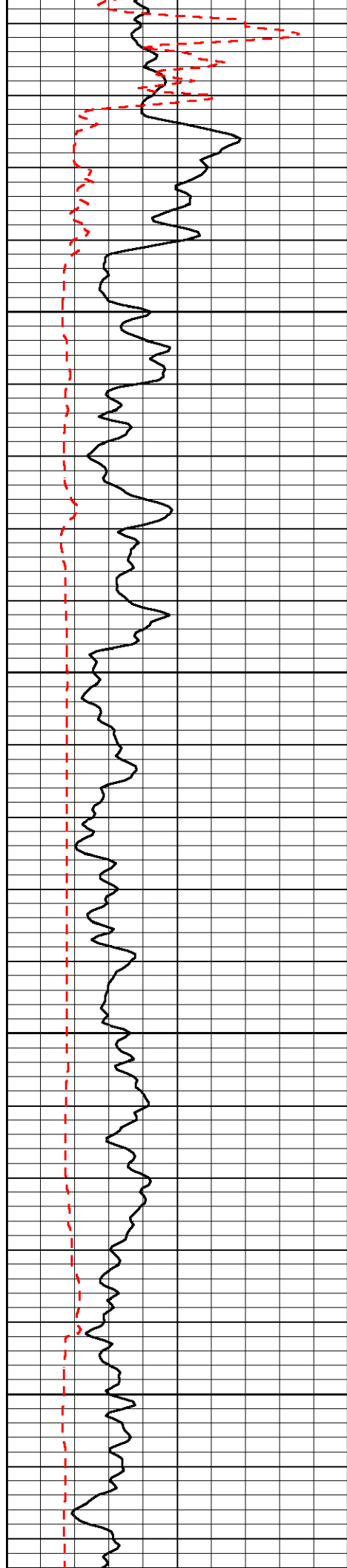


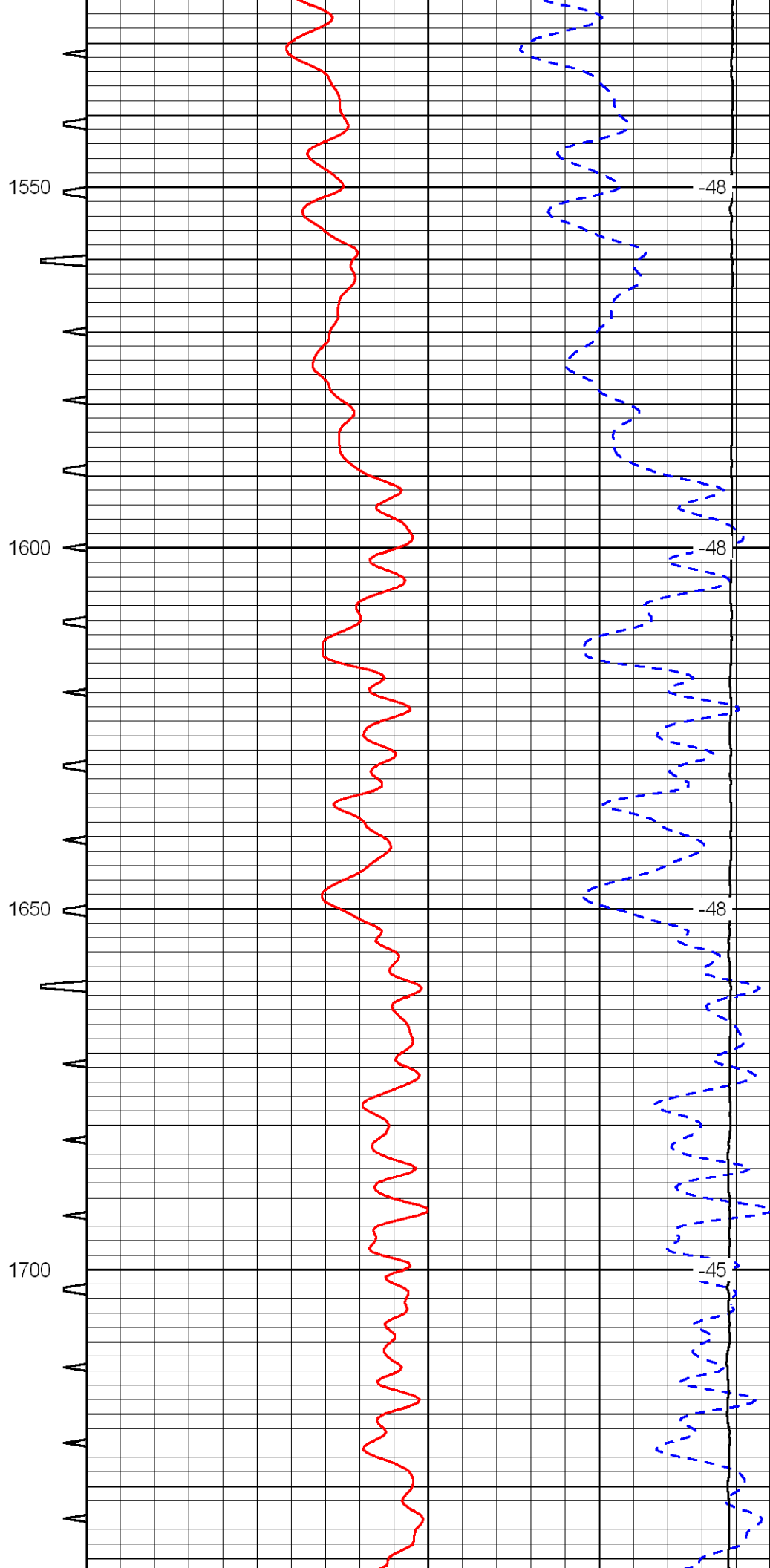
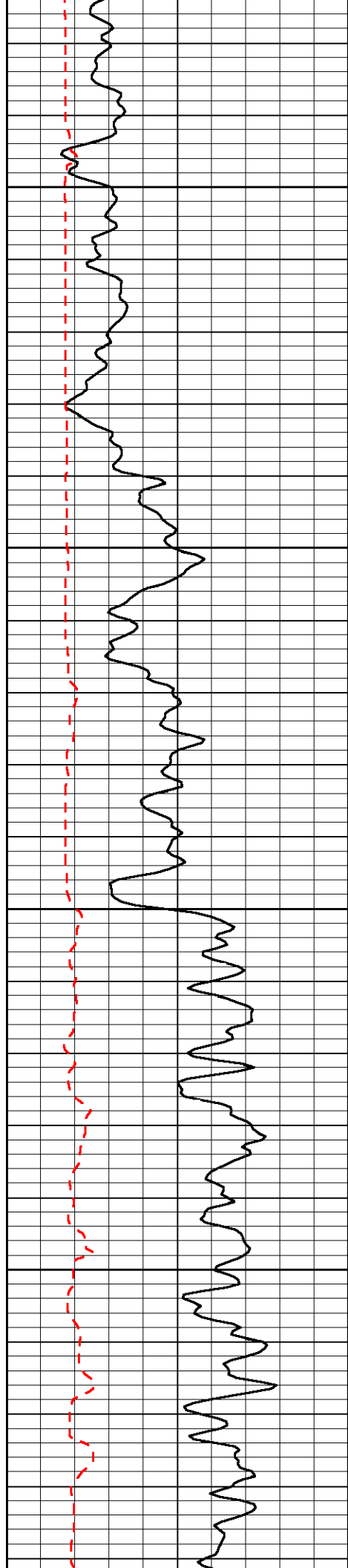


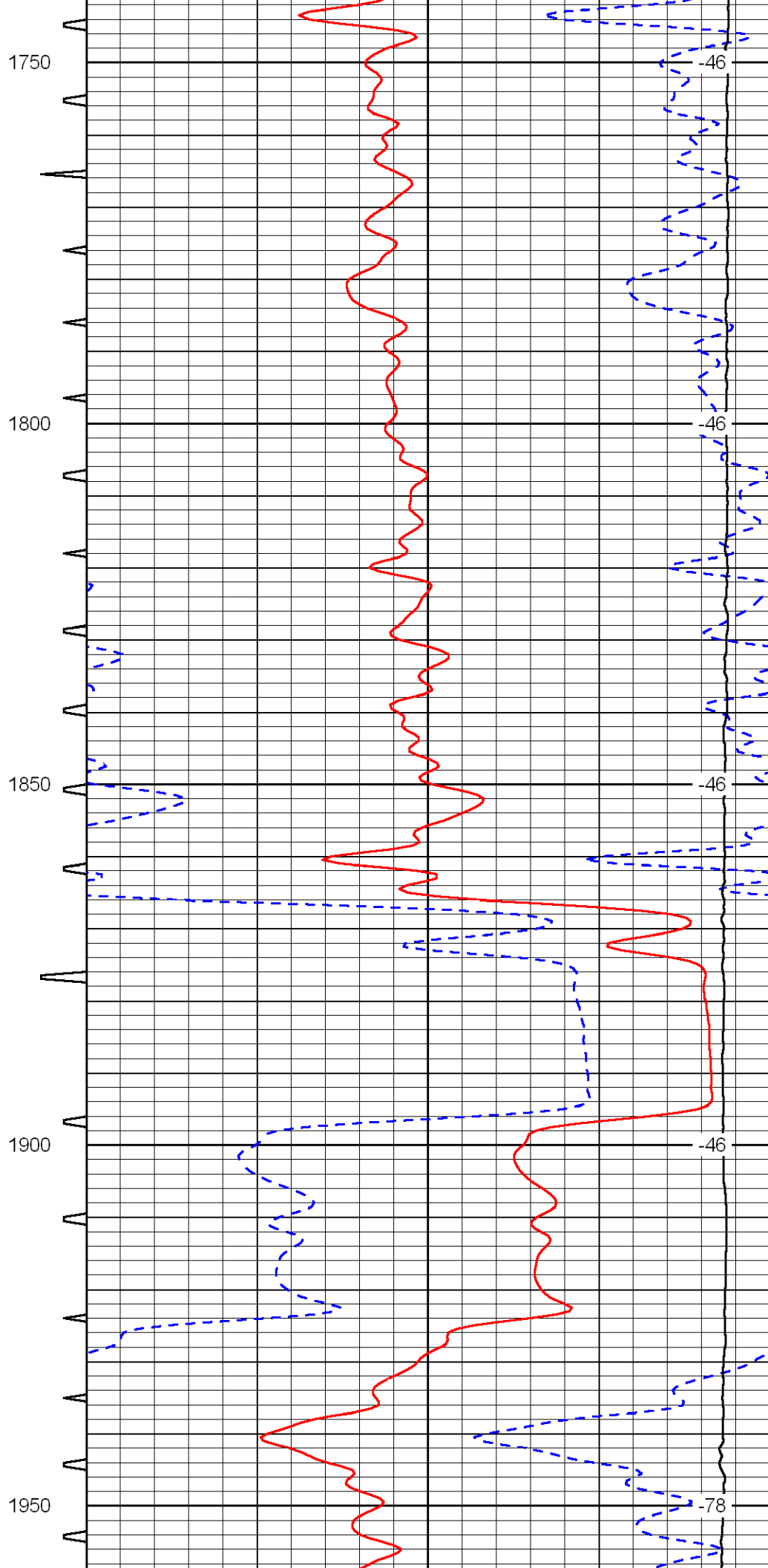
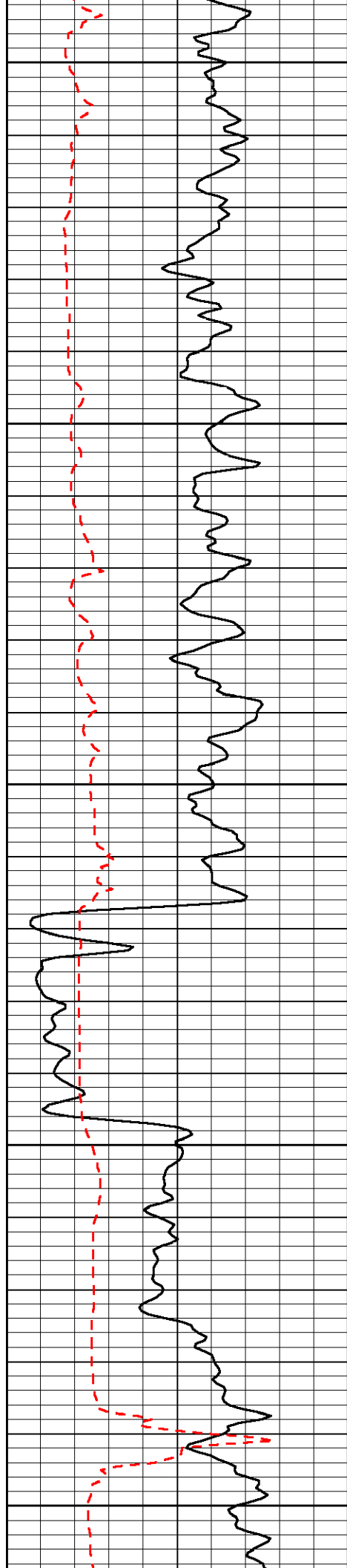


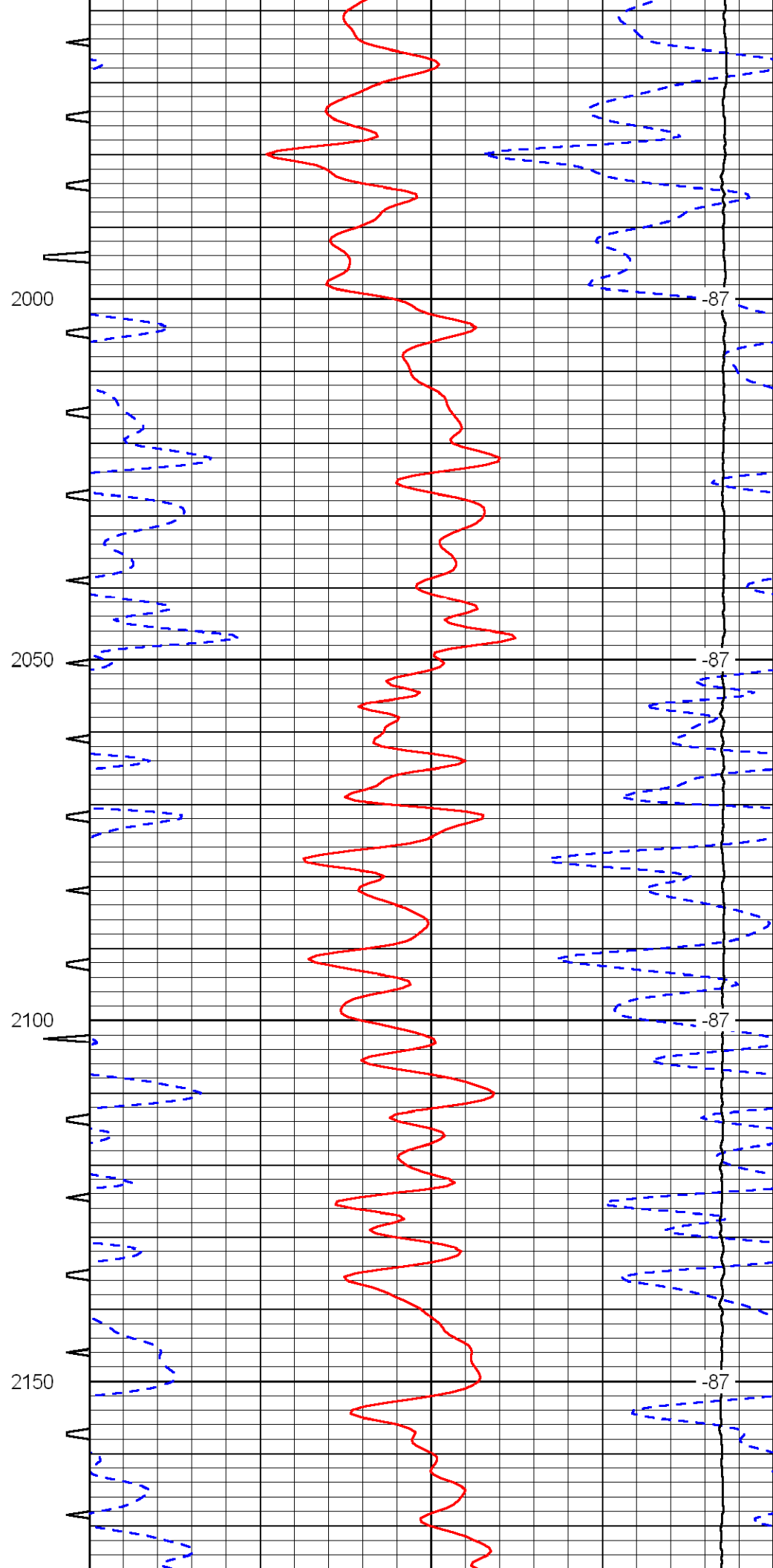
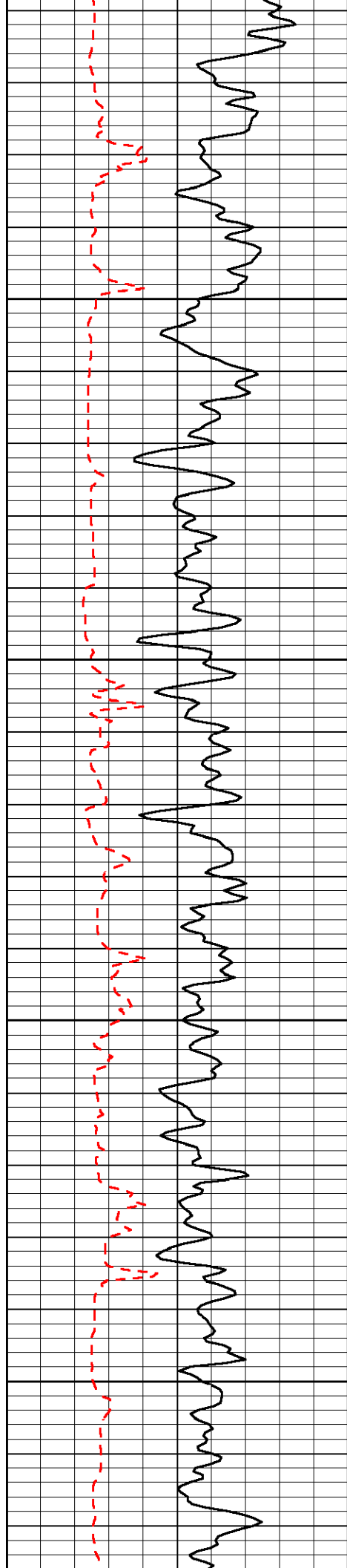


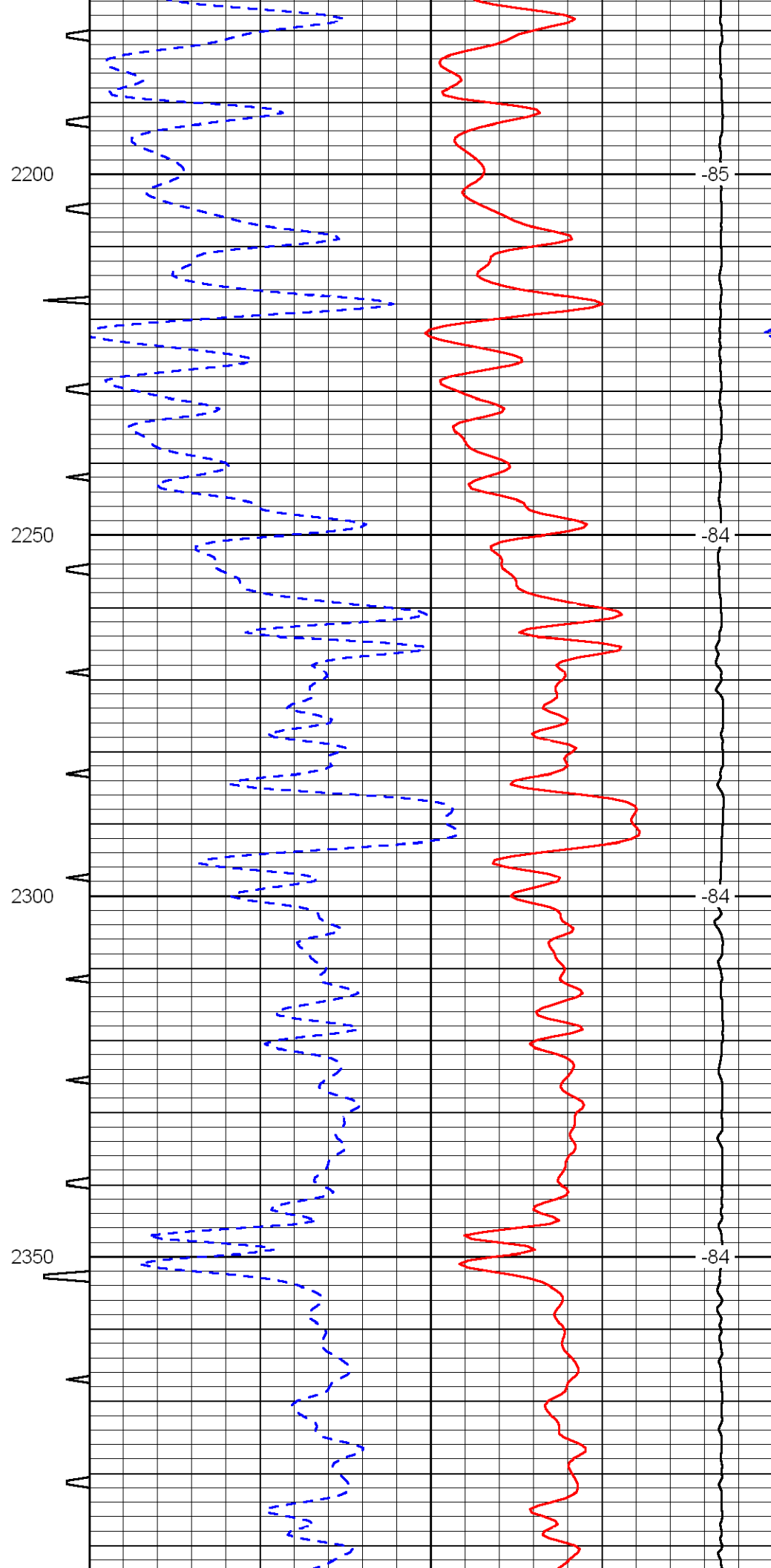
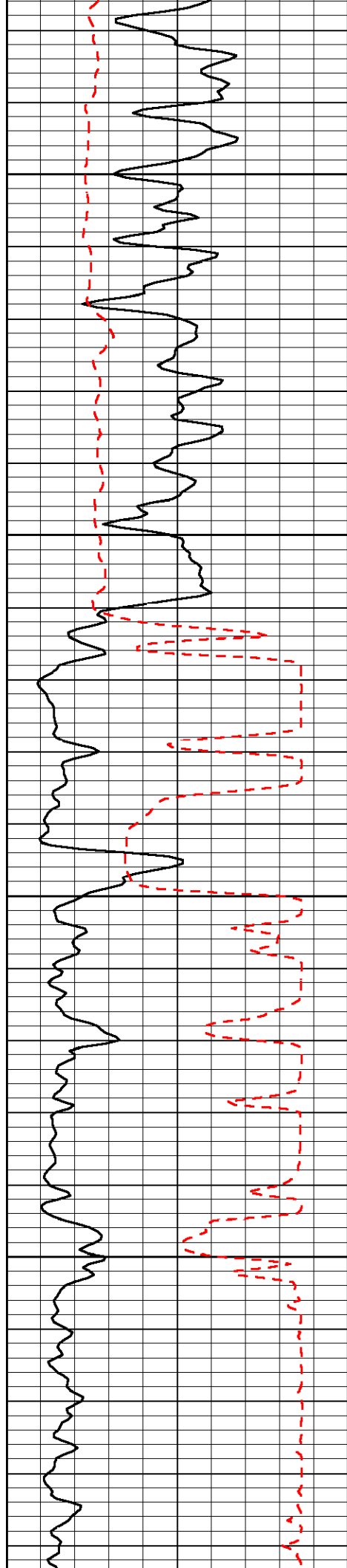


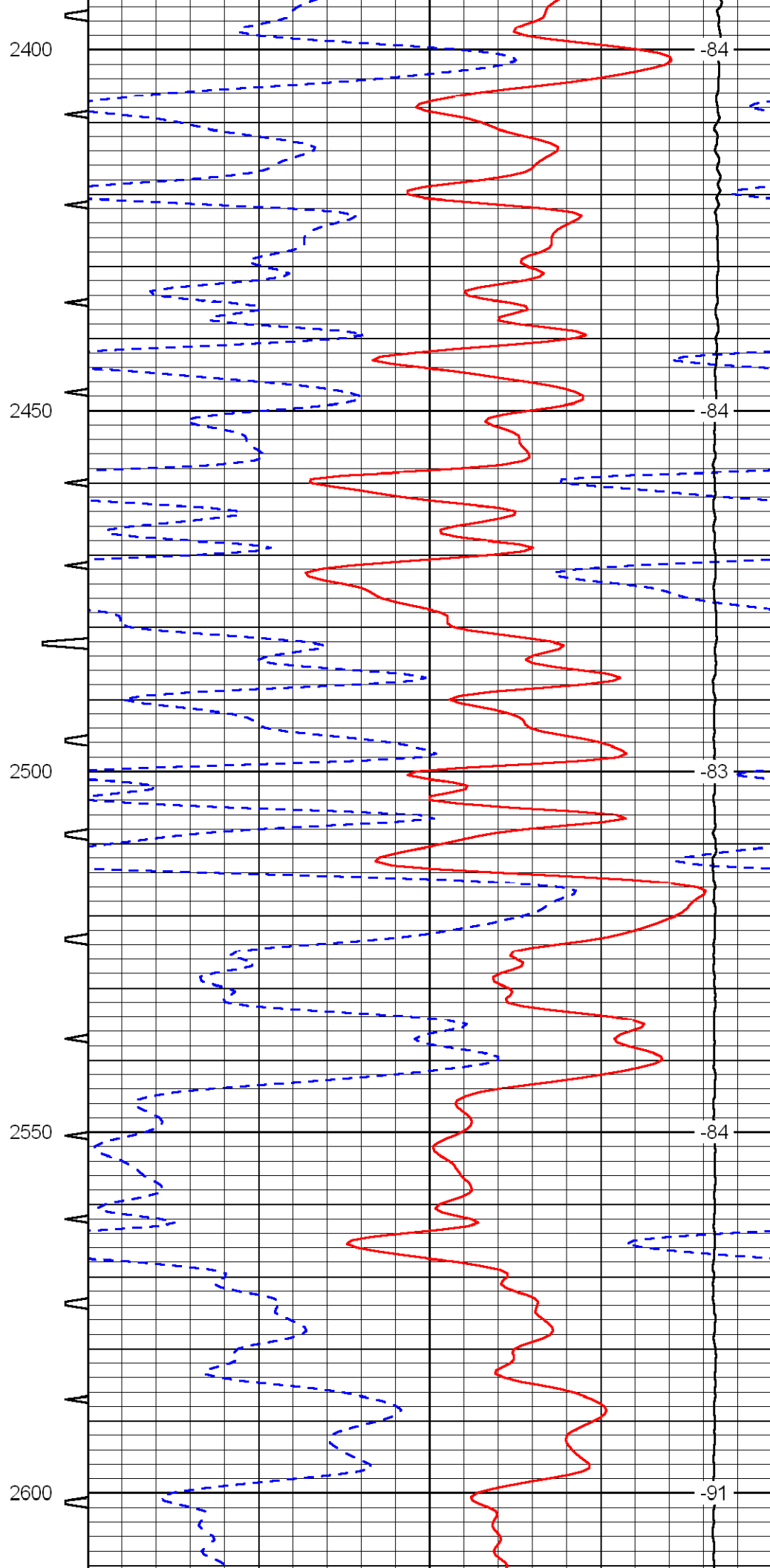
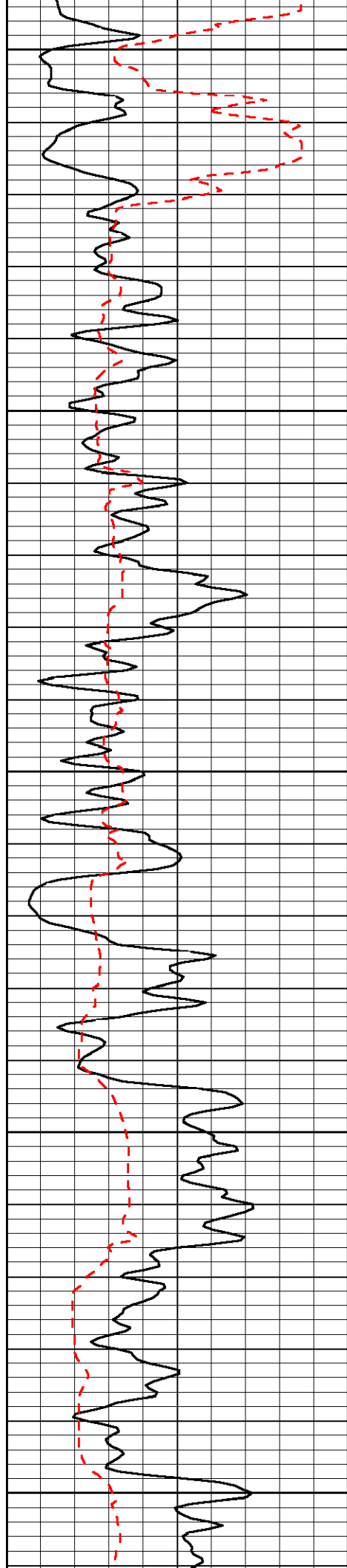


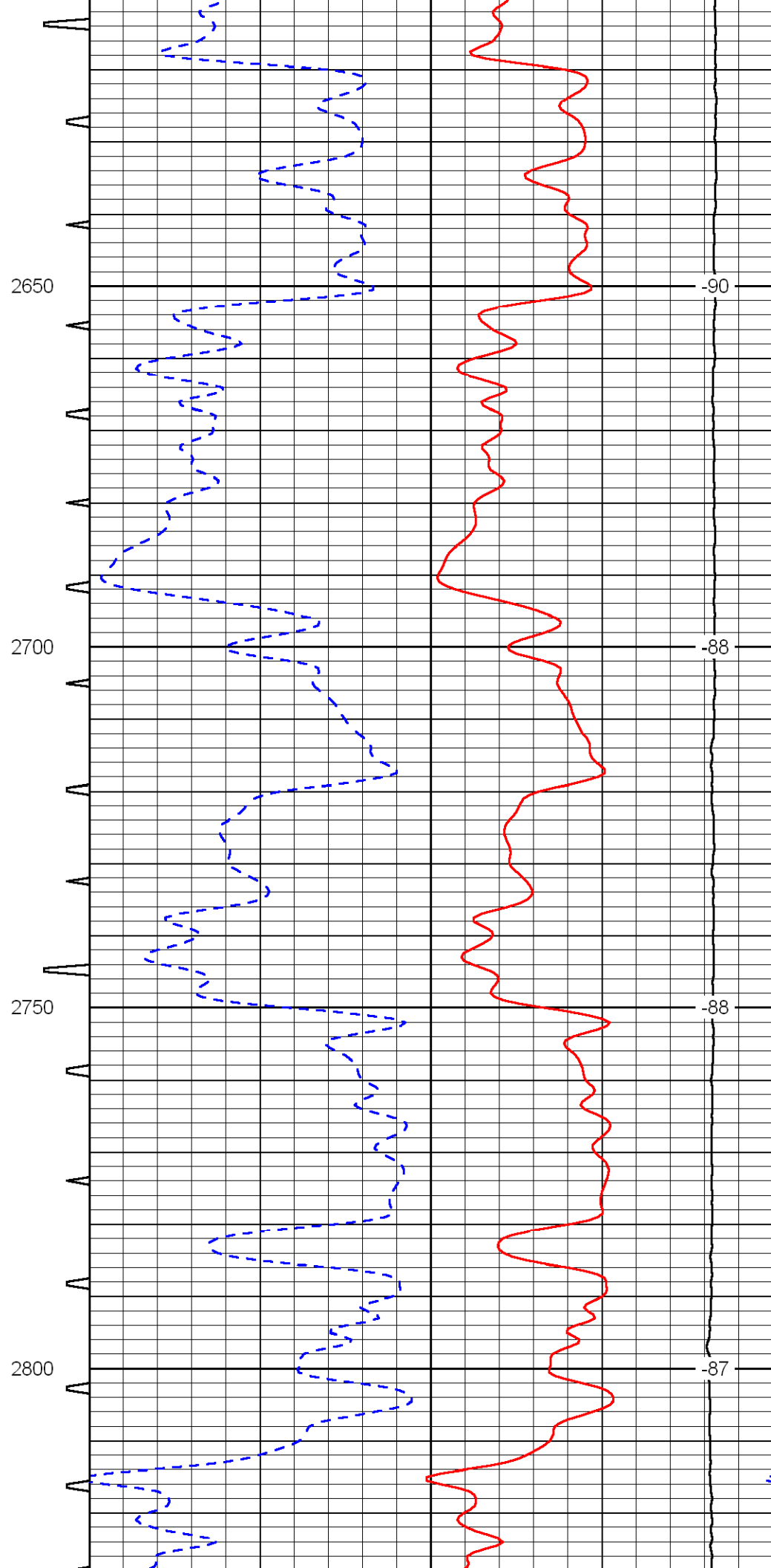
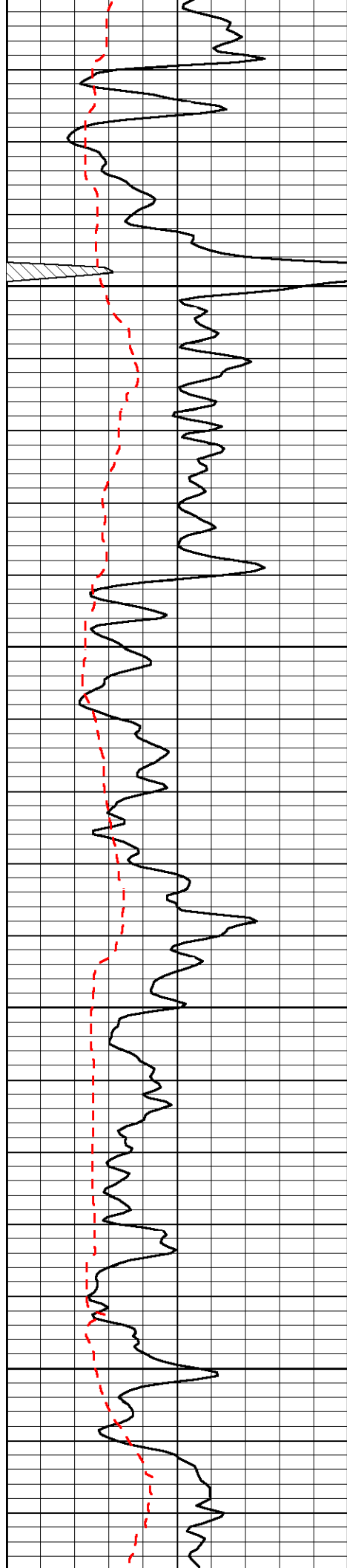


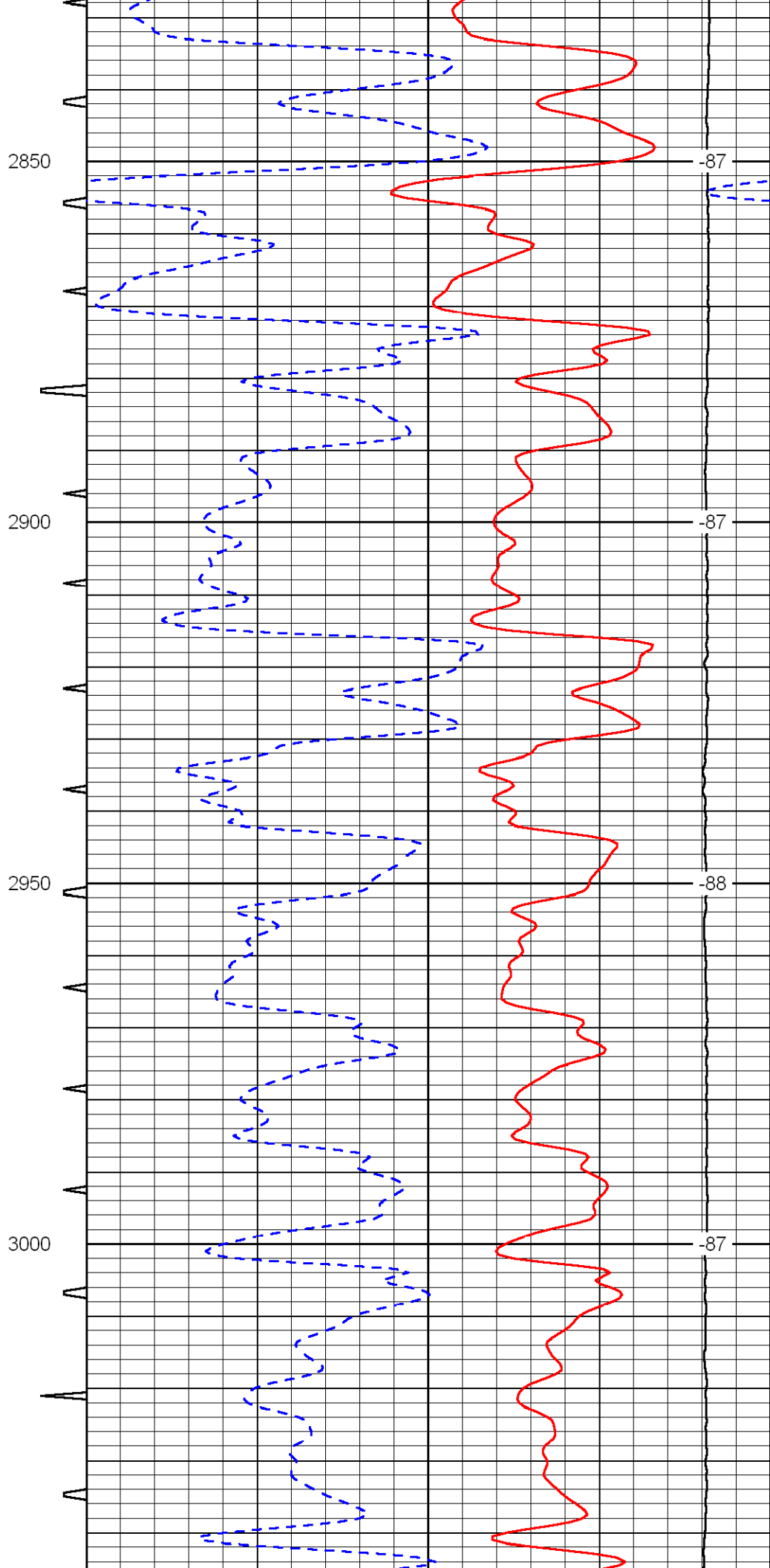
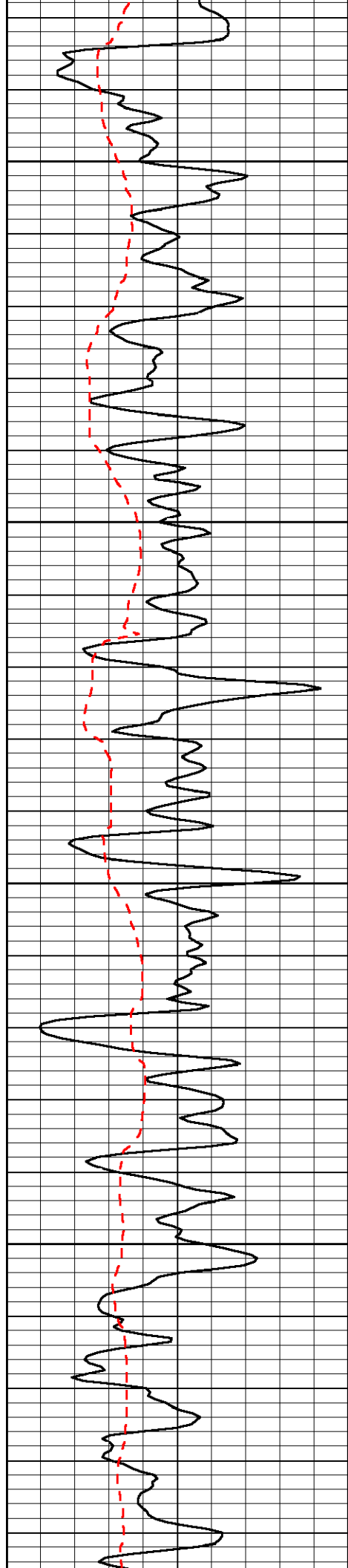


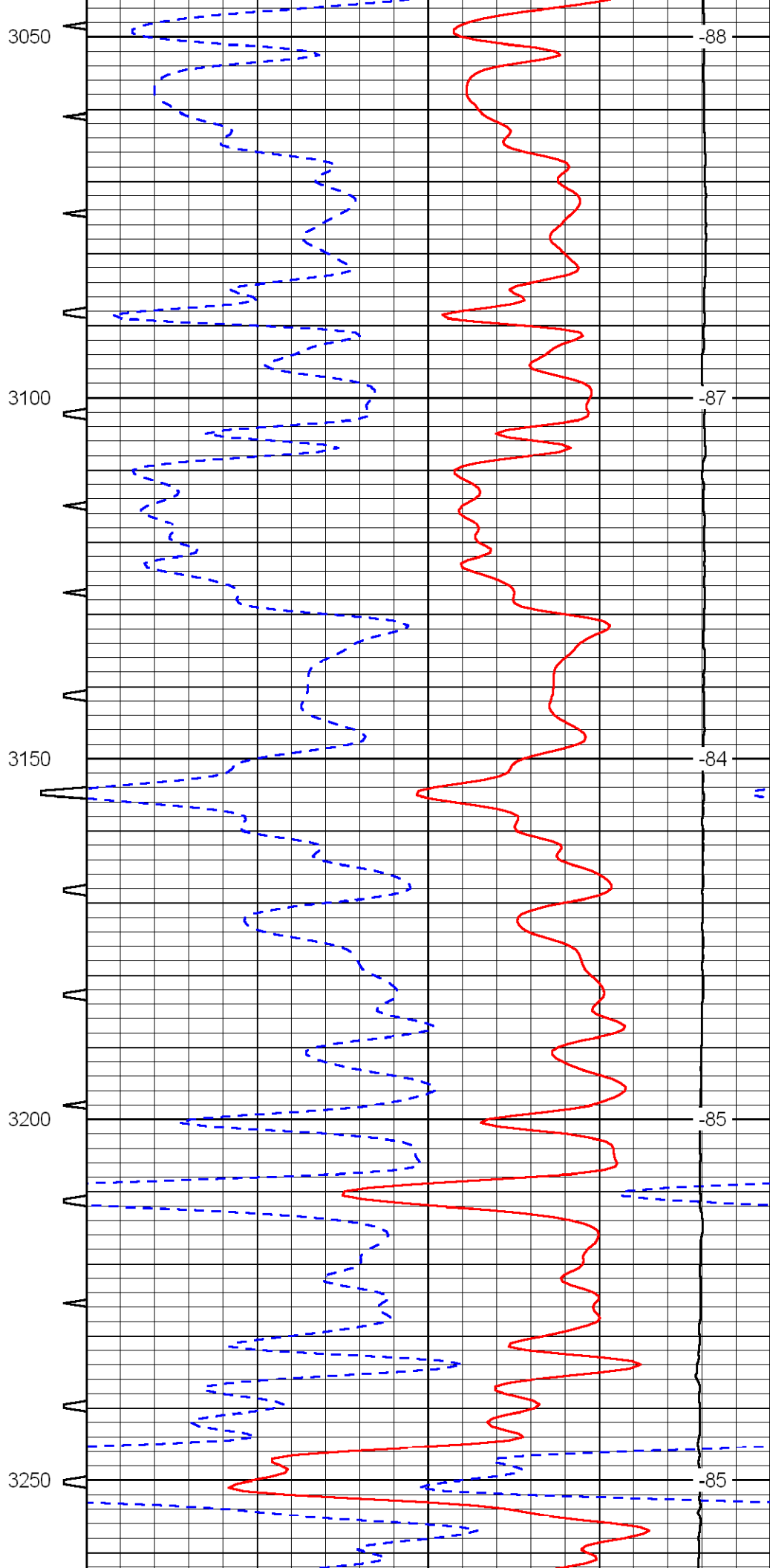
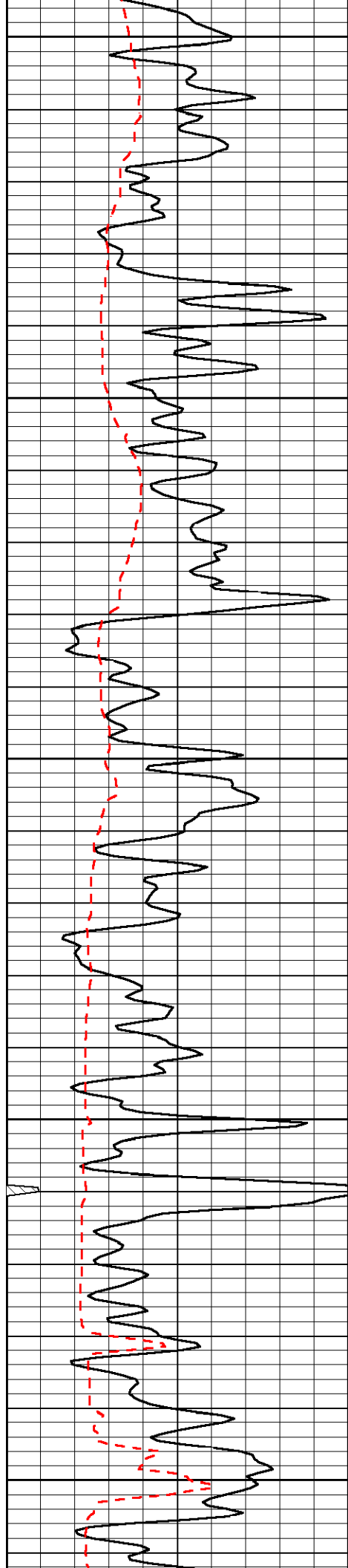


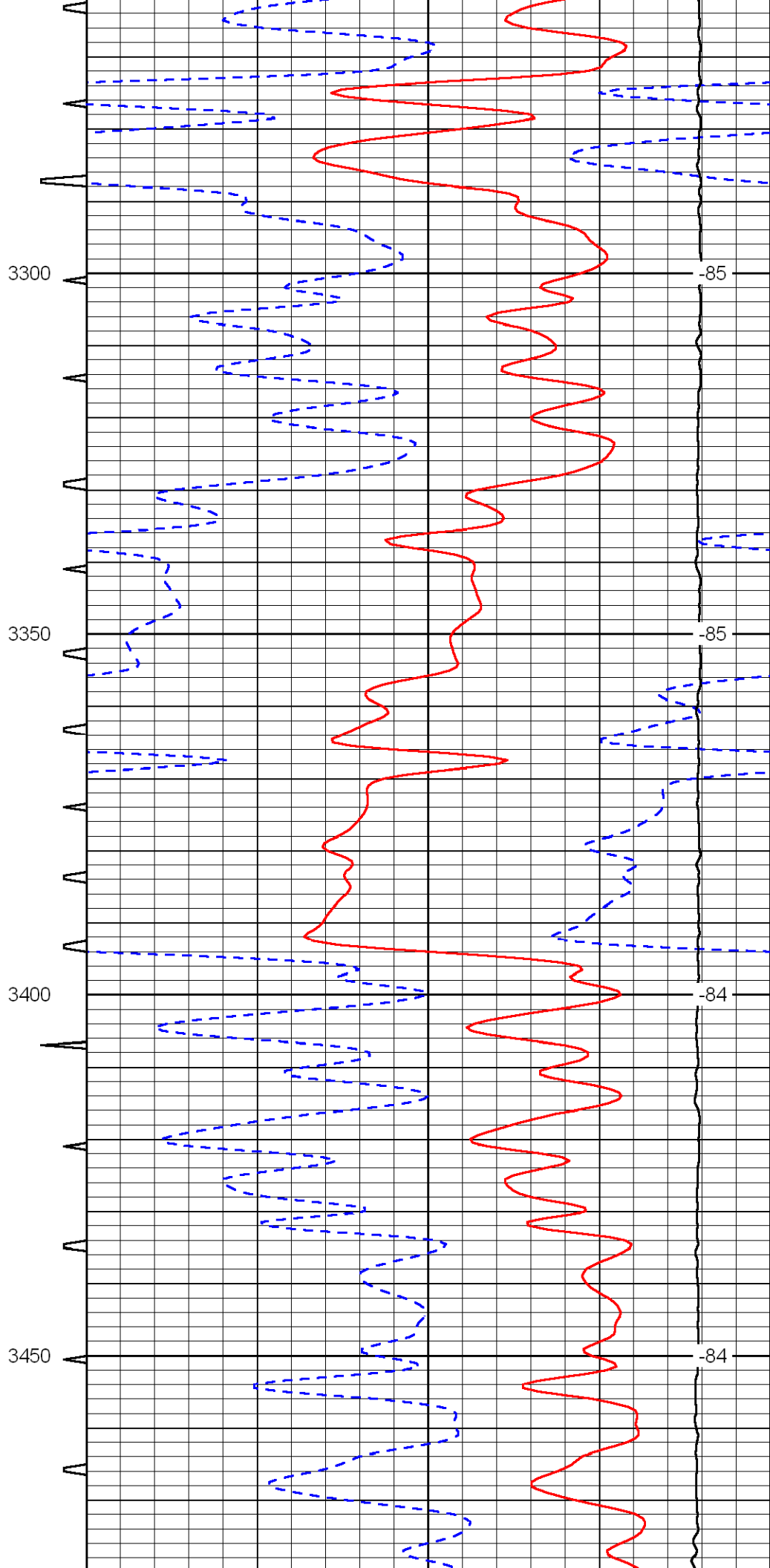
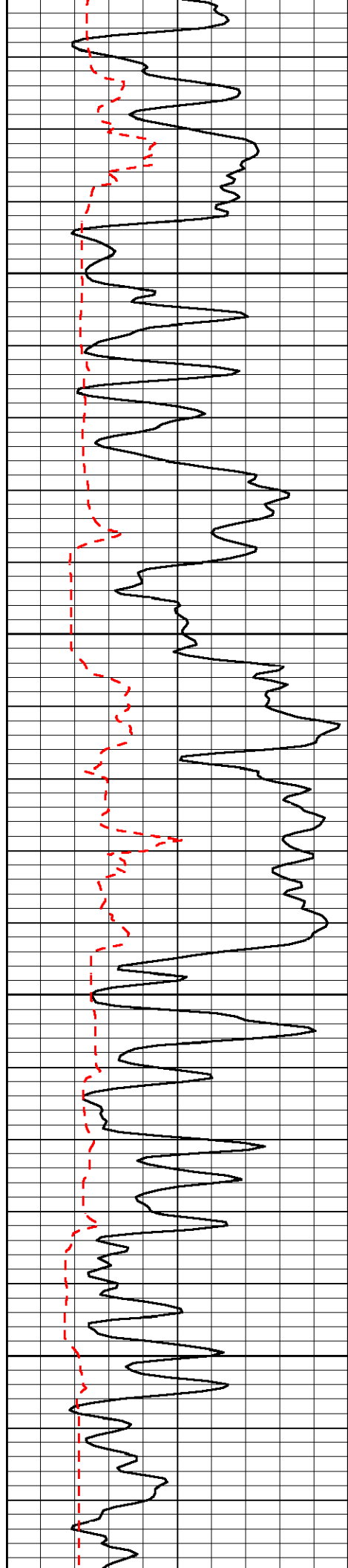


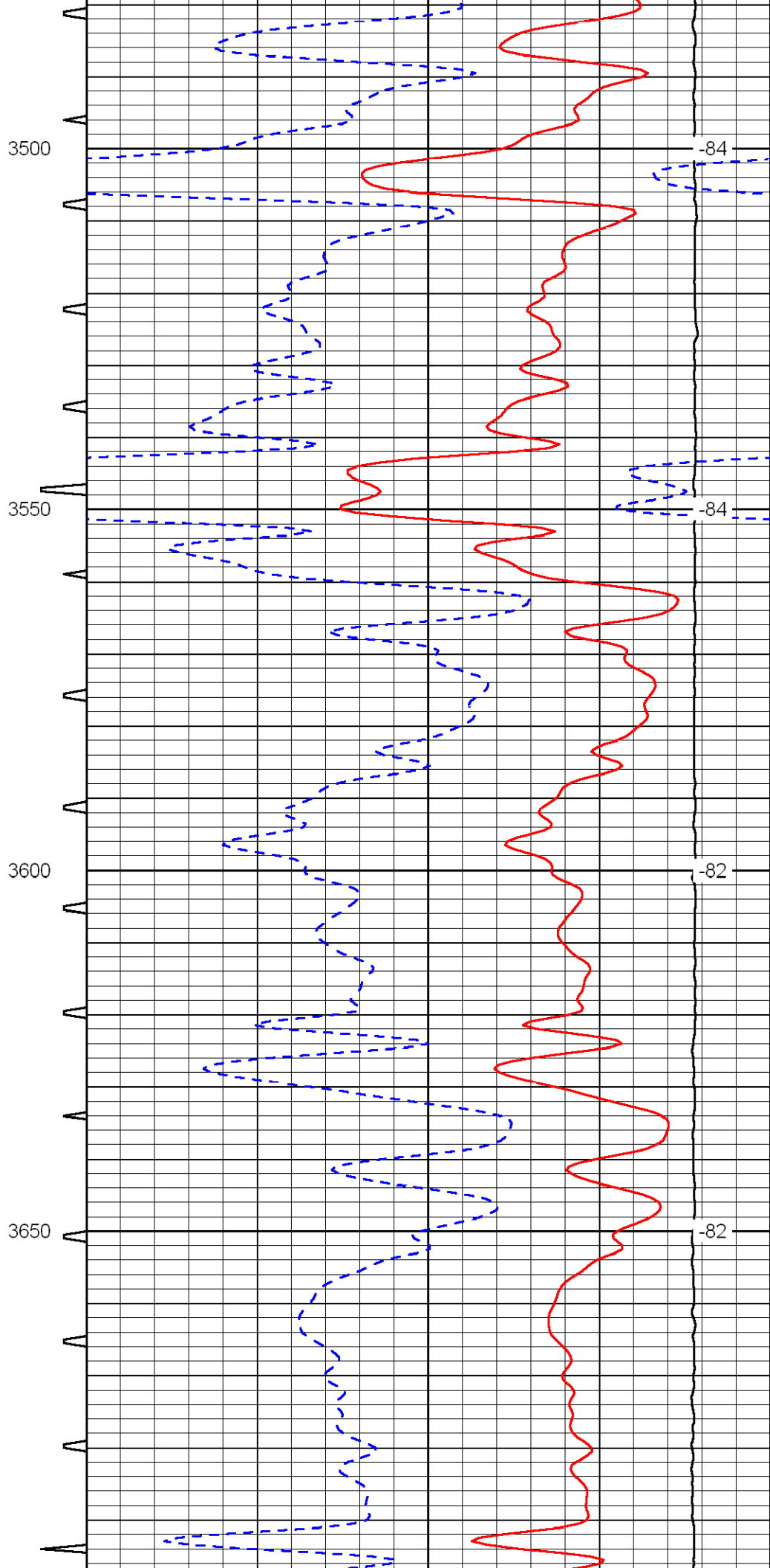
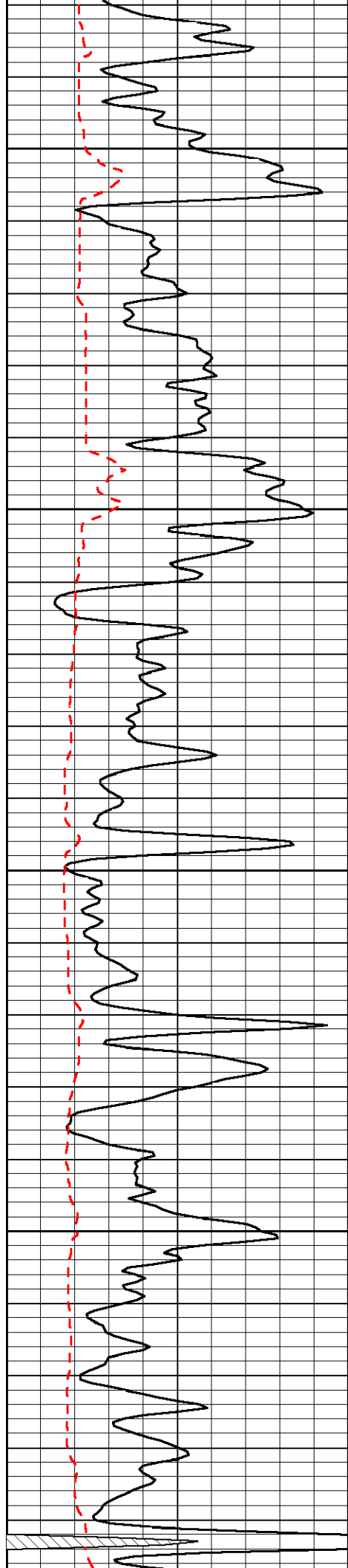


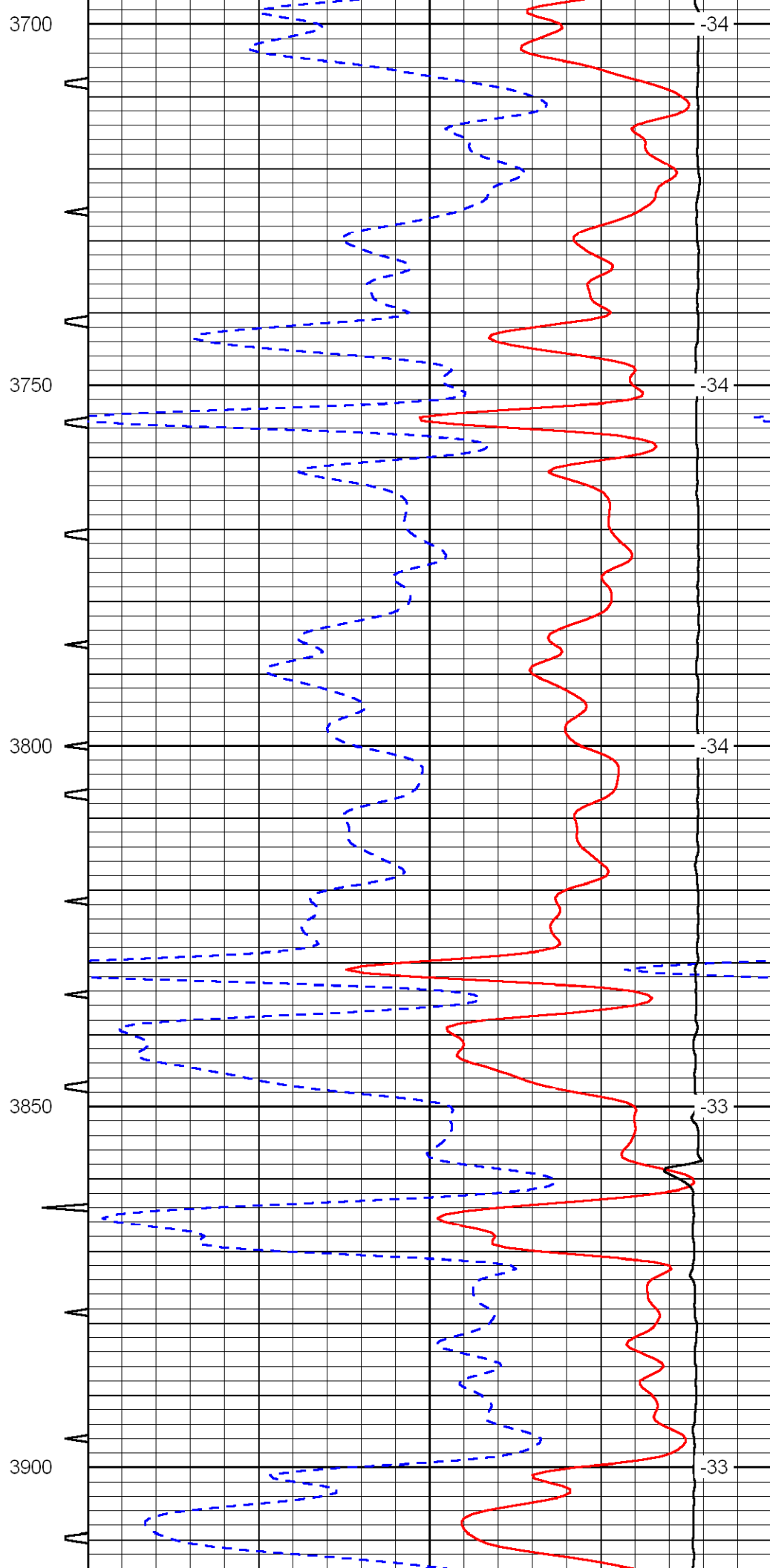
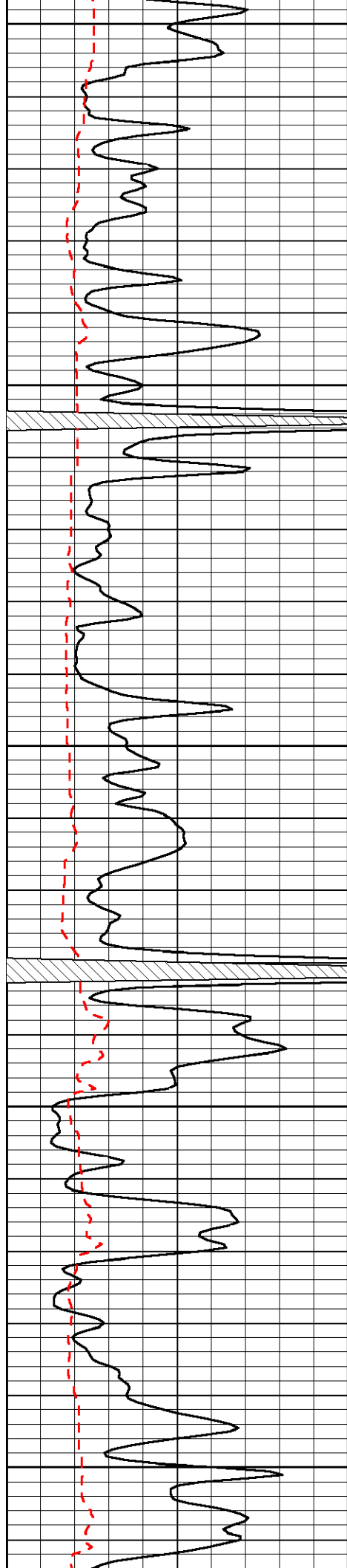


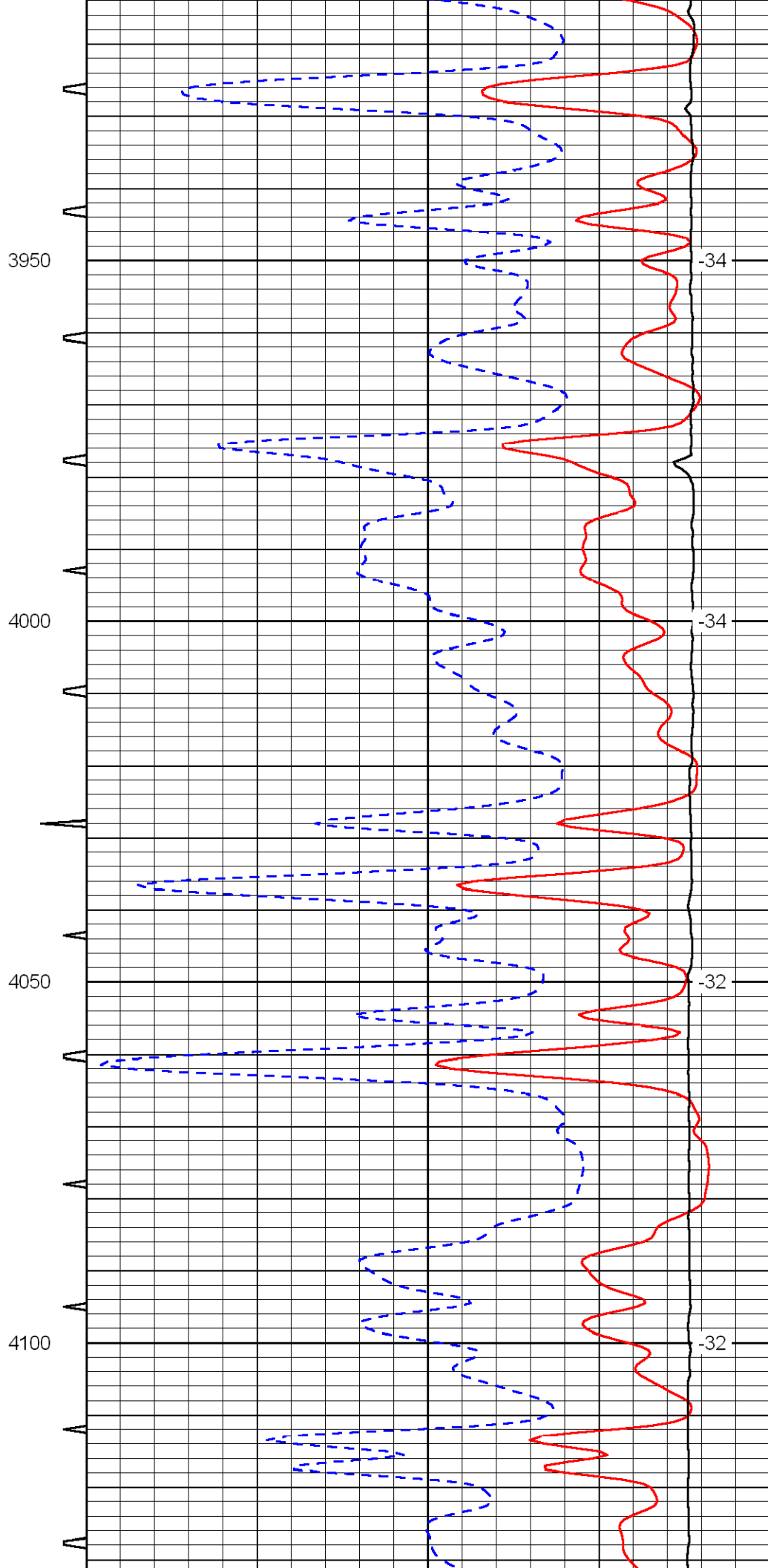
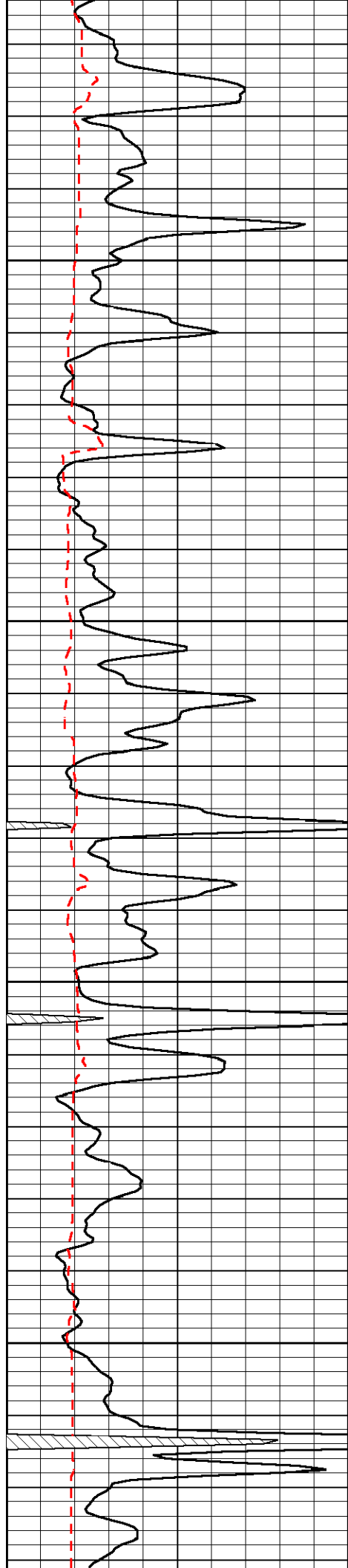


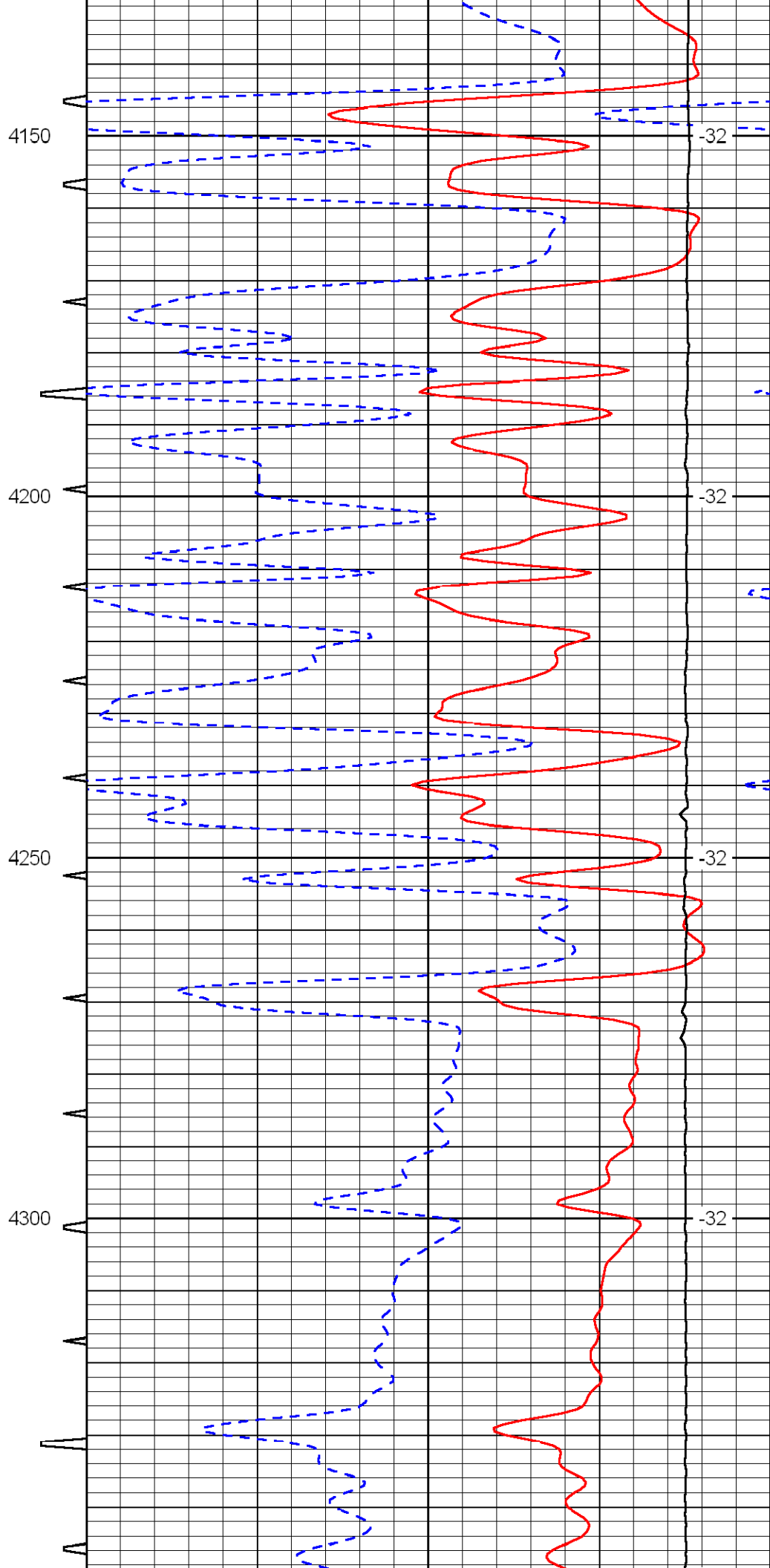
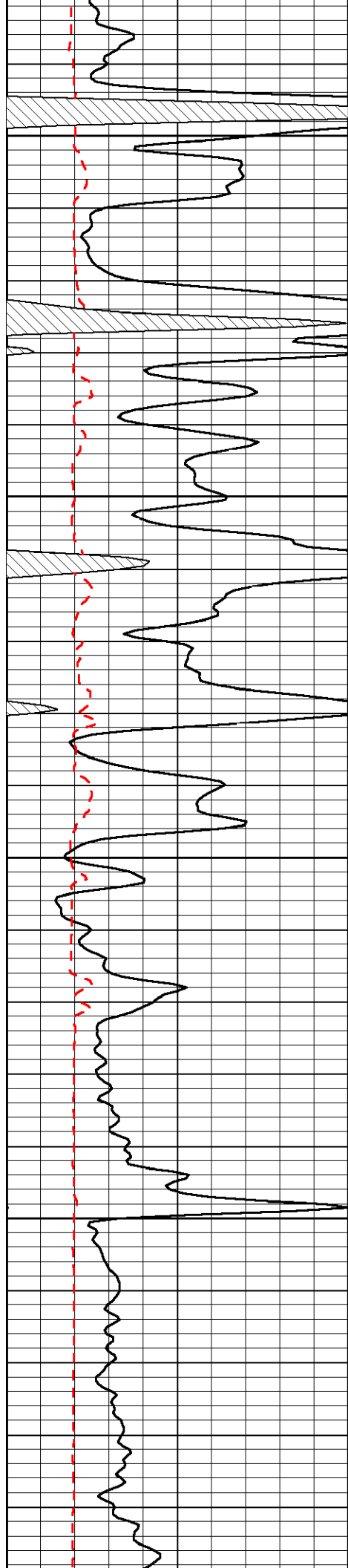


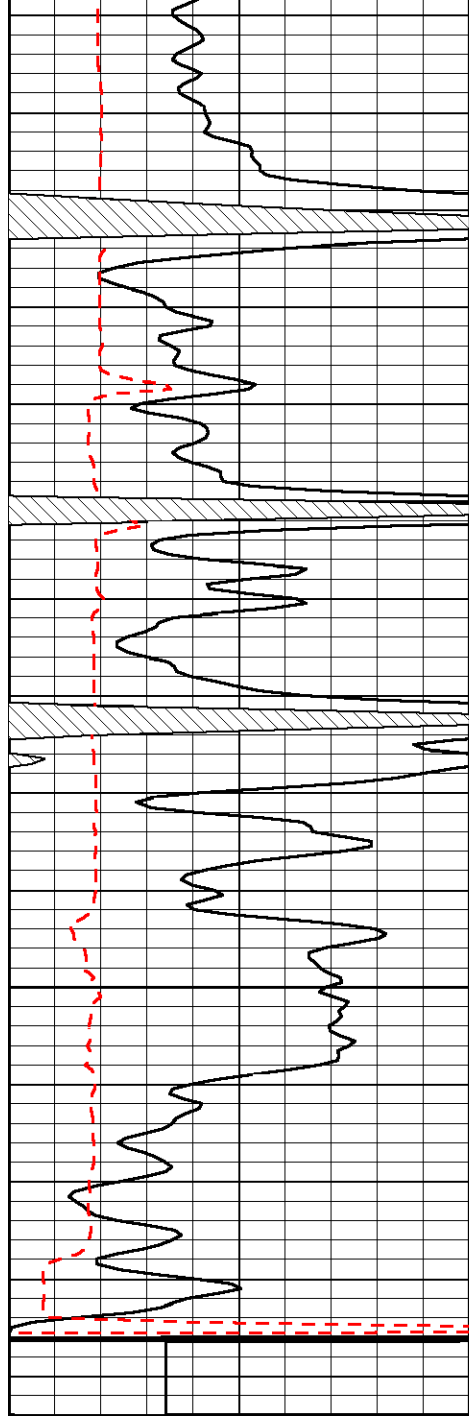












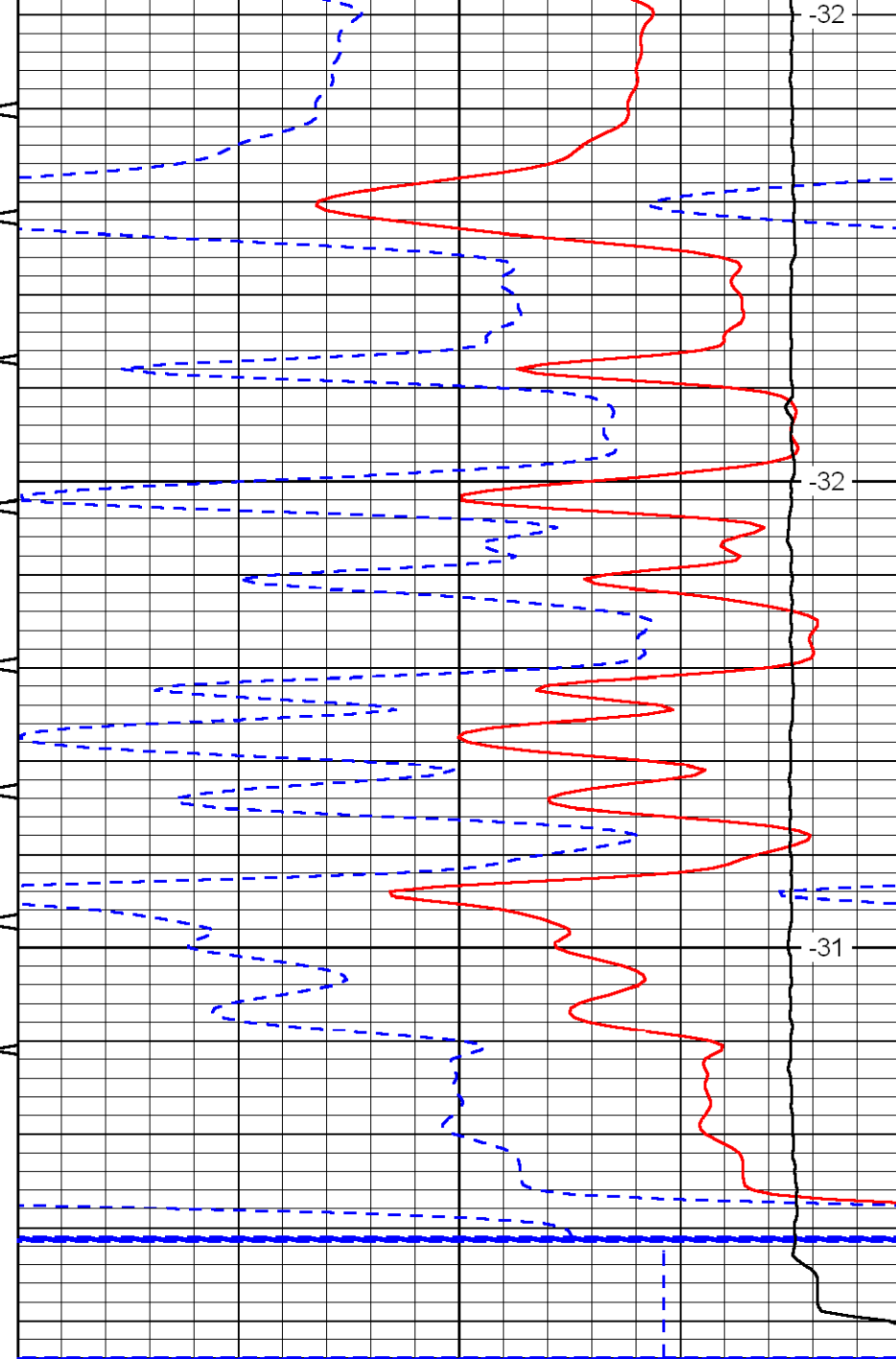
0	Gamma Ray	150
150	Gamma Ray	300
6	scal (in)	16

4350

4400

4450

Sonic Int
5 (msec) 0



140	Delta Time (usec/ft) (usec/ft)	40
30	SPOR (pu)	-10
10000	LTEN (lb) (lb)	0

LSPD
(ft/min)