



Borehole Compensated Sonic Log

DIGITAL LOG (785) 625-3858

API No.

15-153-20,876-00-00

Company Murfin Drilling Co, Inc.

Well Sutton No. 3-8

Field Wildcat

County Rawlins

State Kansas

Location

1780' FNL & 420' FWL

Other Services
CNL/CDL
MEL/DIL

Sec: 8

Twp: 1S

Rge: 35W

Elevation

Permanent Datum

Ground Level

Elevation 3214

Log Measured From

Kelly Bushing

5 Ft. Above Perm. Datum

K.B. 3219
D.F.
G.L. 3214

Drilling Measured From

Kelly Bushing

Elevation

K.B. 3219
D.F.
G.L. 3214

Date

03/23/2009

Run Number

Two

Type Log

BHC Sonic

Depth Driller

4510

Depth Logger

4513

Bottom Logged Interval

4502

Top Logged Interval

250

Type Fluid In Hole

Chemical

Salinity, PPM CL

1,400

Density

8.8

Level

Full

Max. Rec. Temp. F

123

Operating Rig Time

5 Hours

Equipment -- Location

10 Hays

Recorded By

Jason Wellbrock

Witnessed By

Sean Deenihan

Borehole Record

Casing Record

Run No

Bit

From

To

Size

Wgt.

From

To

1

12.25

00

259

8.625

24#

00

259

<<< 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.

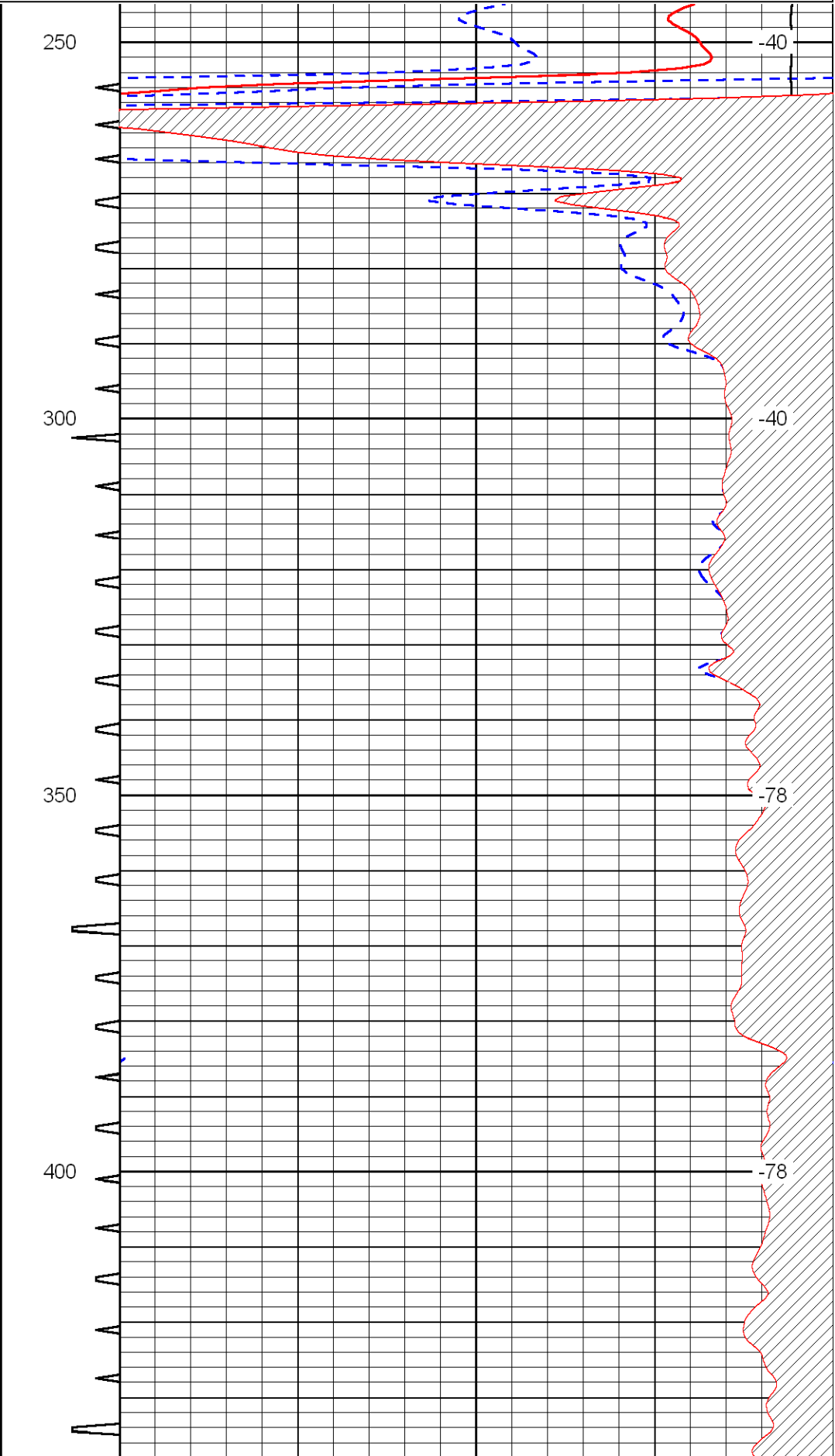
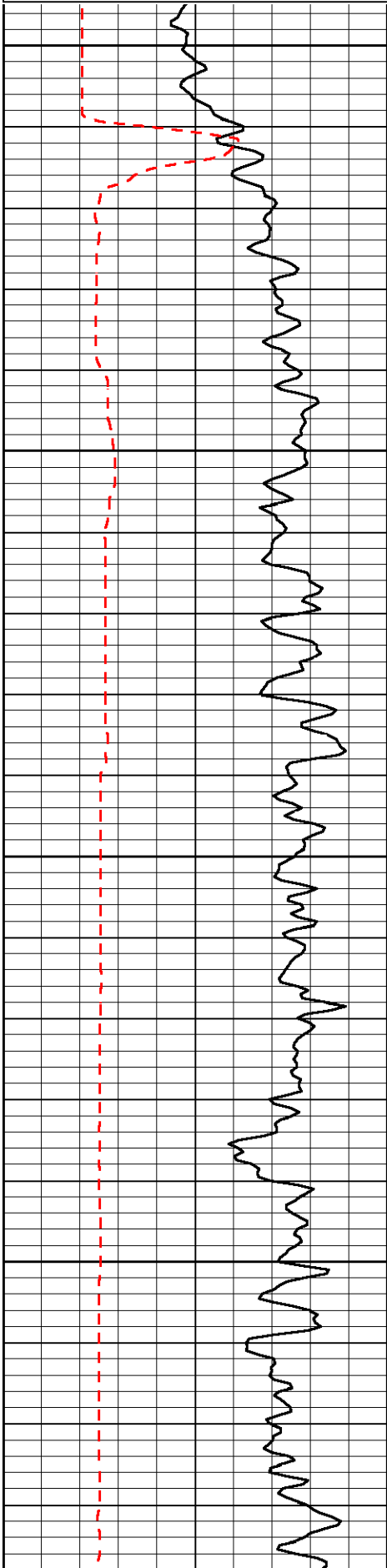
Comments

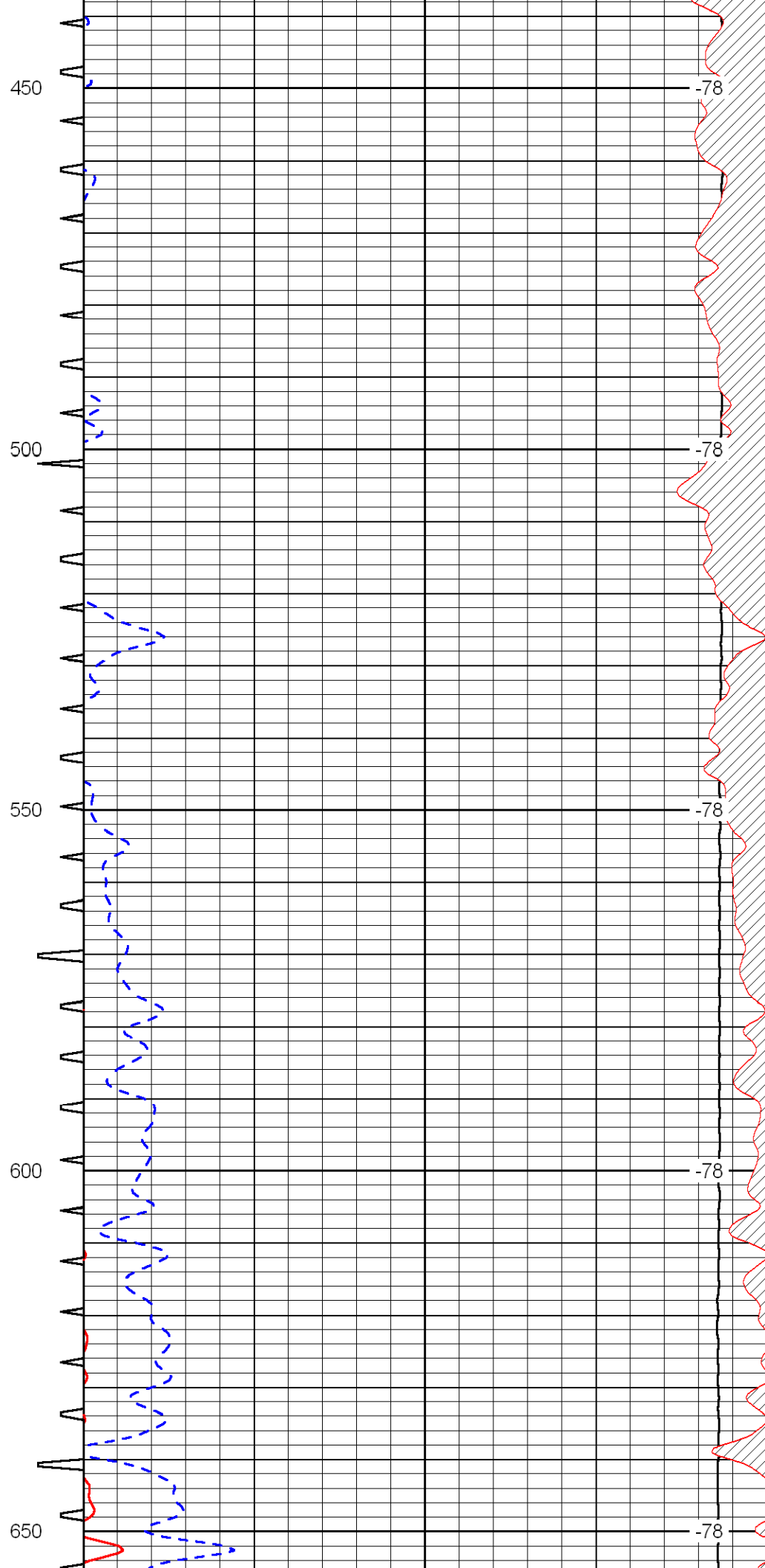
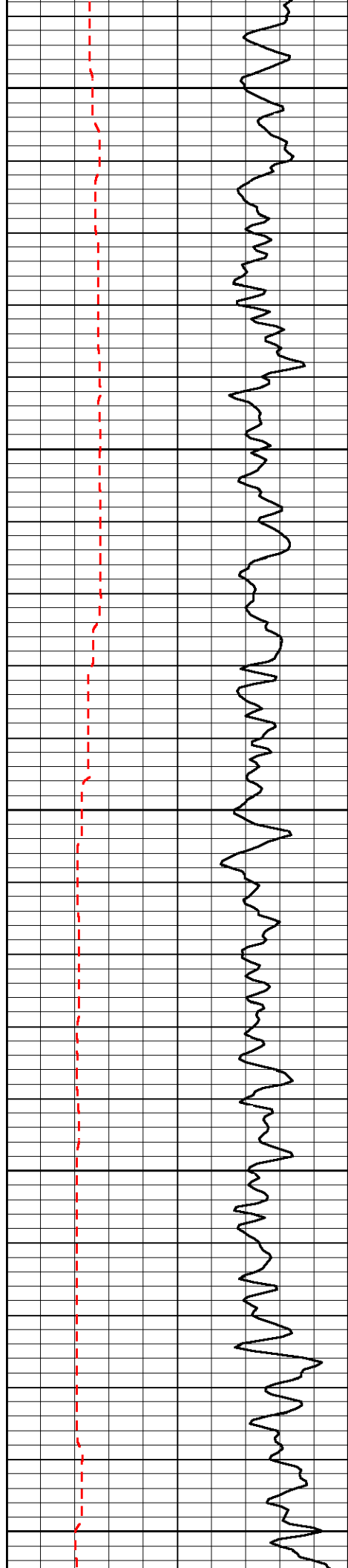
Thank you for using Log-Tech, Inc.
(785) 625-3858

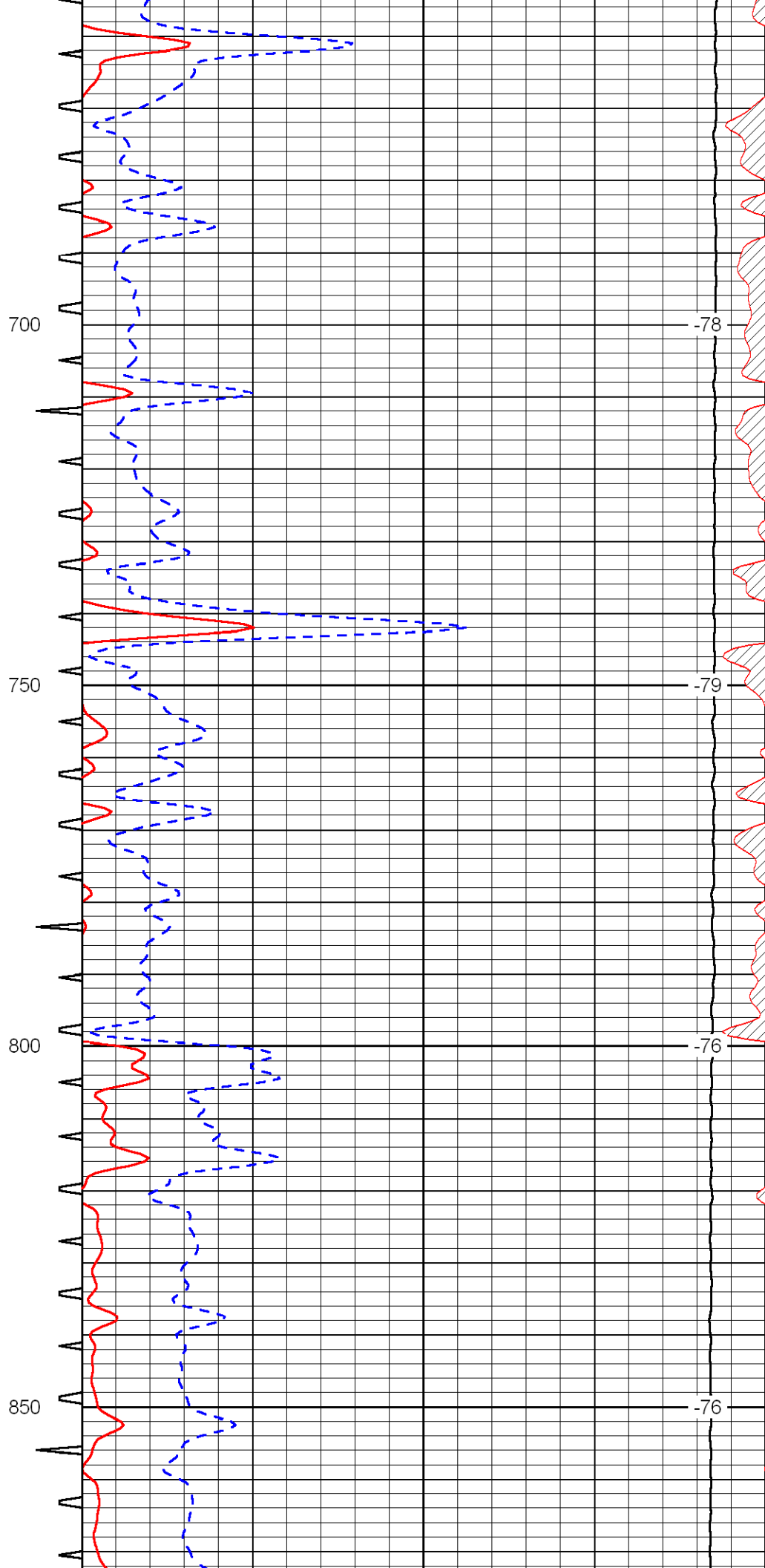
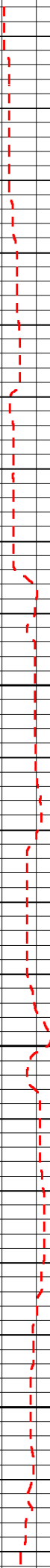
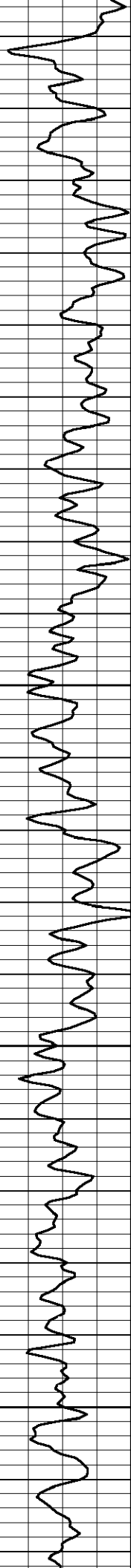
Atwood N to BBrd, 10 W to T, 1 N, 3 W, N Into

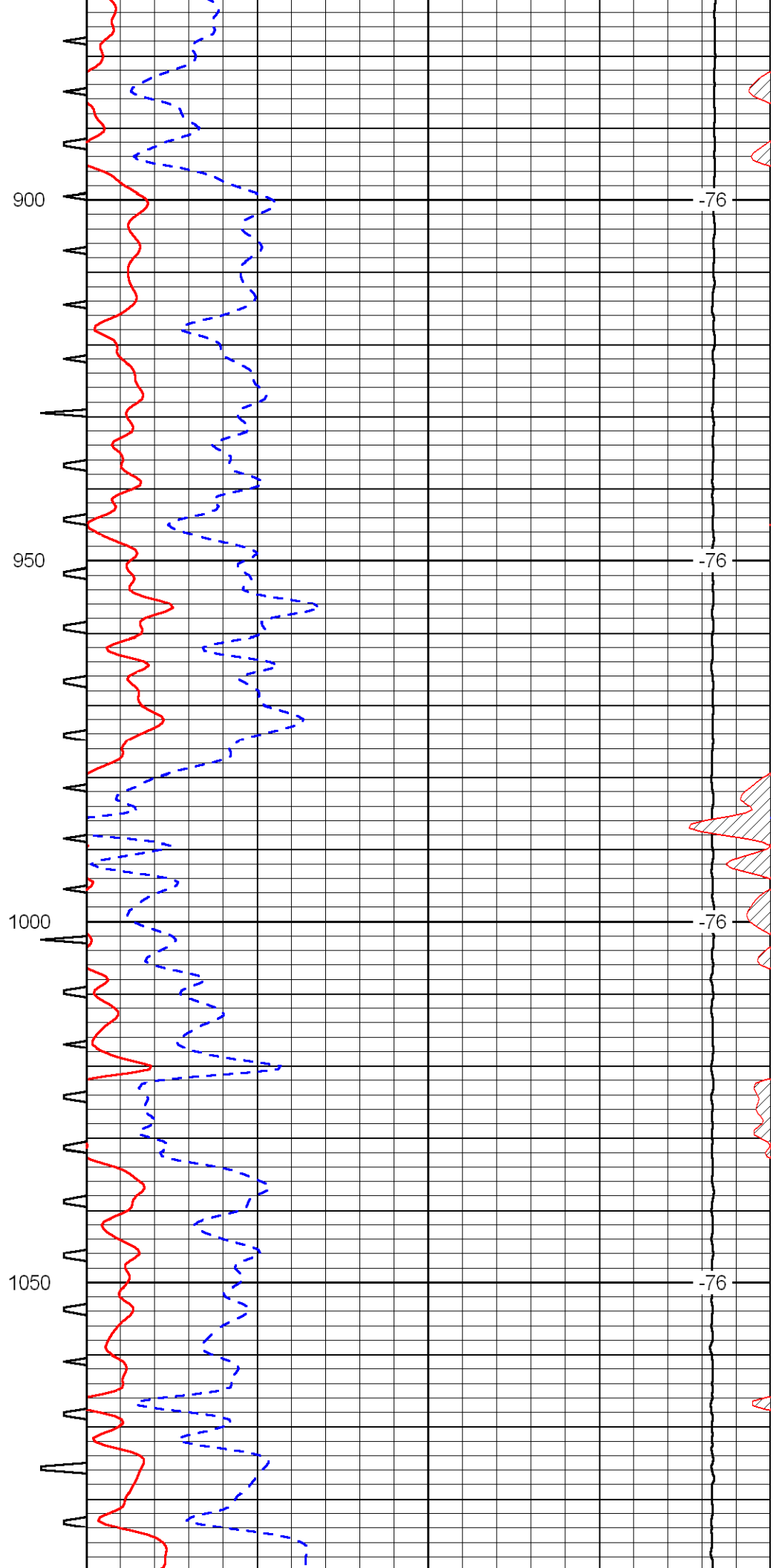
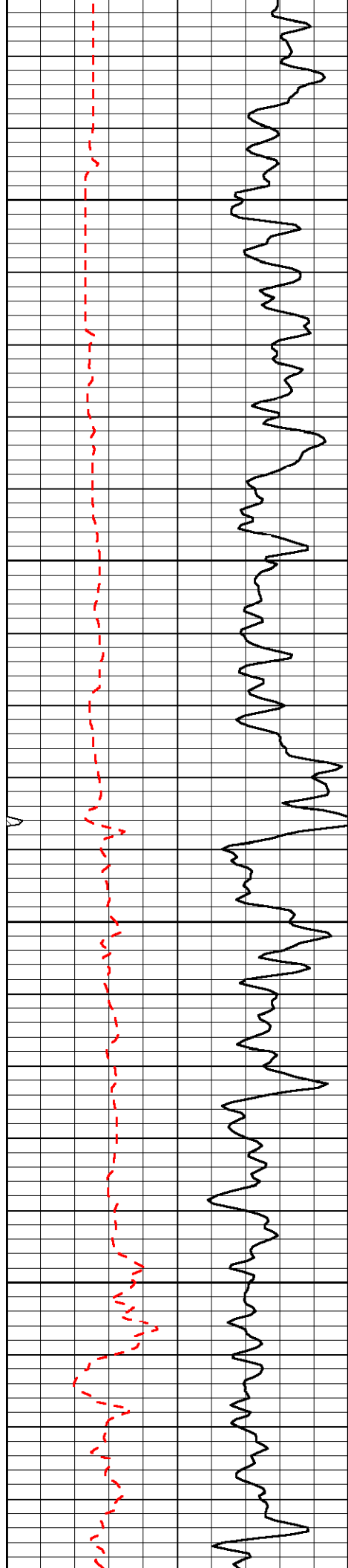
Database File: c:\warrior\data\murfin_sutton no. 3-8\murfinhd.db
Dataset Pathname: dil\murf2in
Presentation Format: sonic
Dataset Creation: Mon Mar 23 18:44:43 2009
Charted by: Depth in Feet scaled 1:240

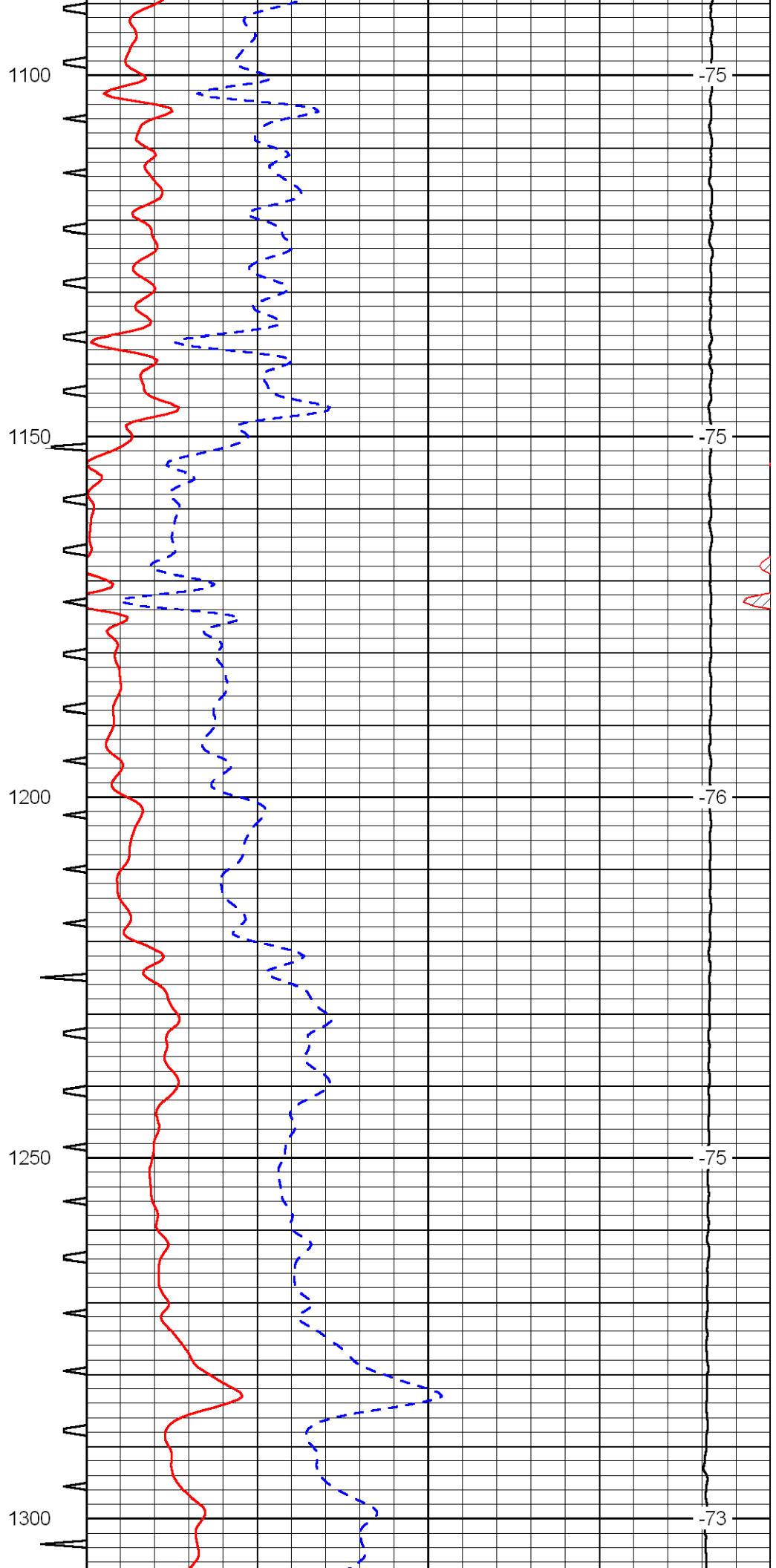
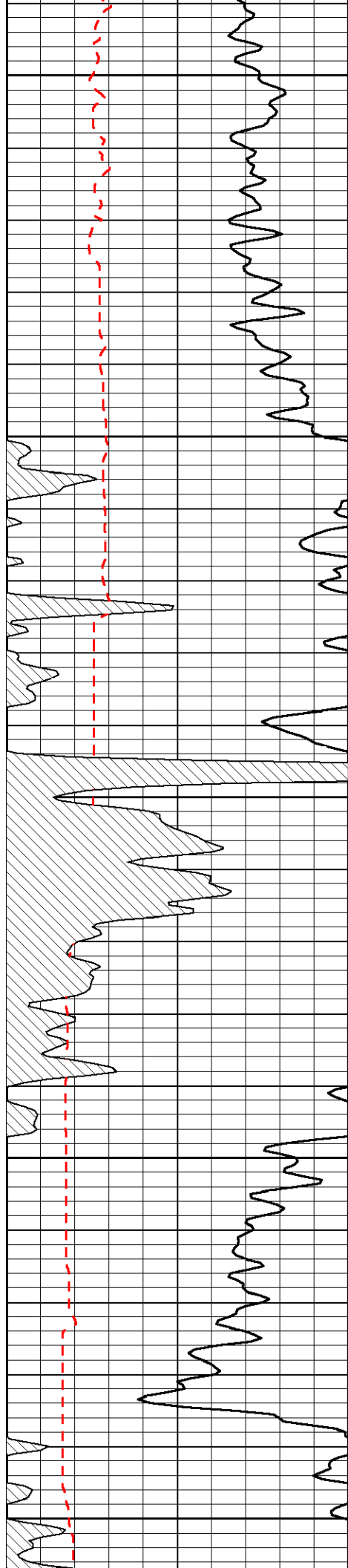
0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	Gamma Ray	300	5 (msec)	0	SPOR (pu)	-10
6	Caliper (in)	16		10000	LTEN (lb) (lb)	0
						LSPD (ft/min)

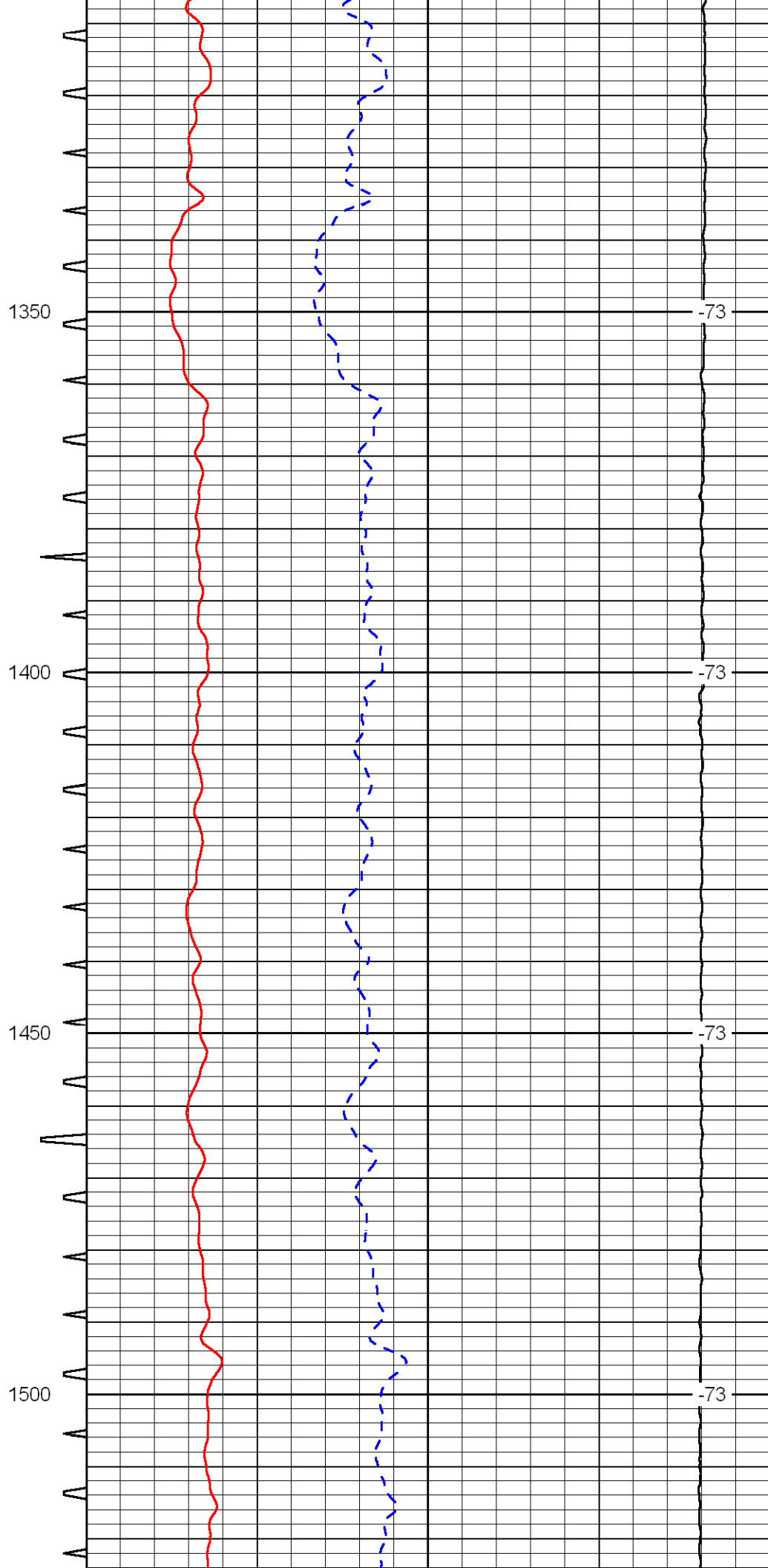
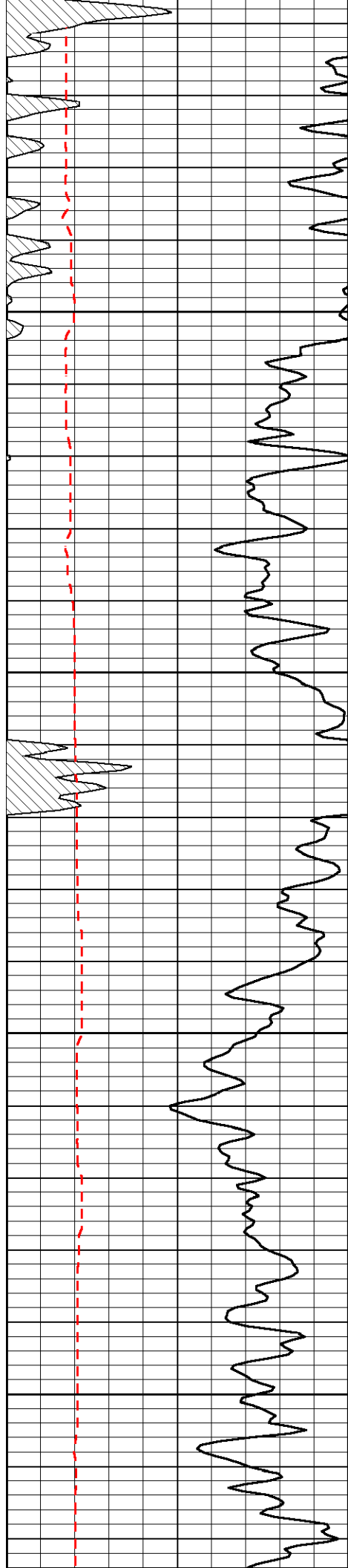


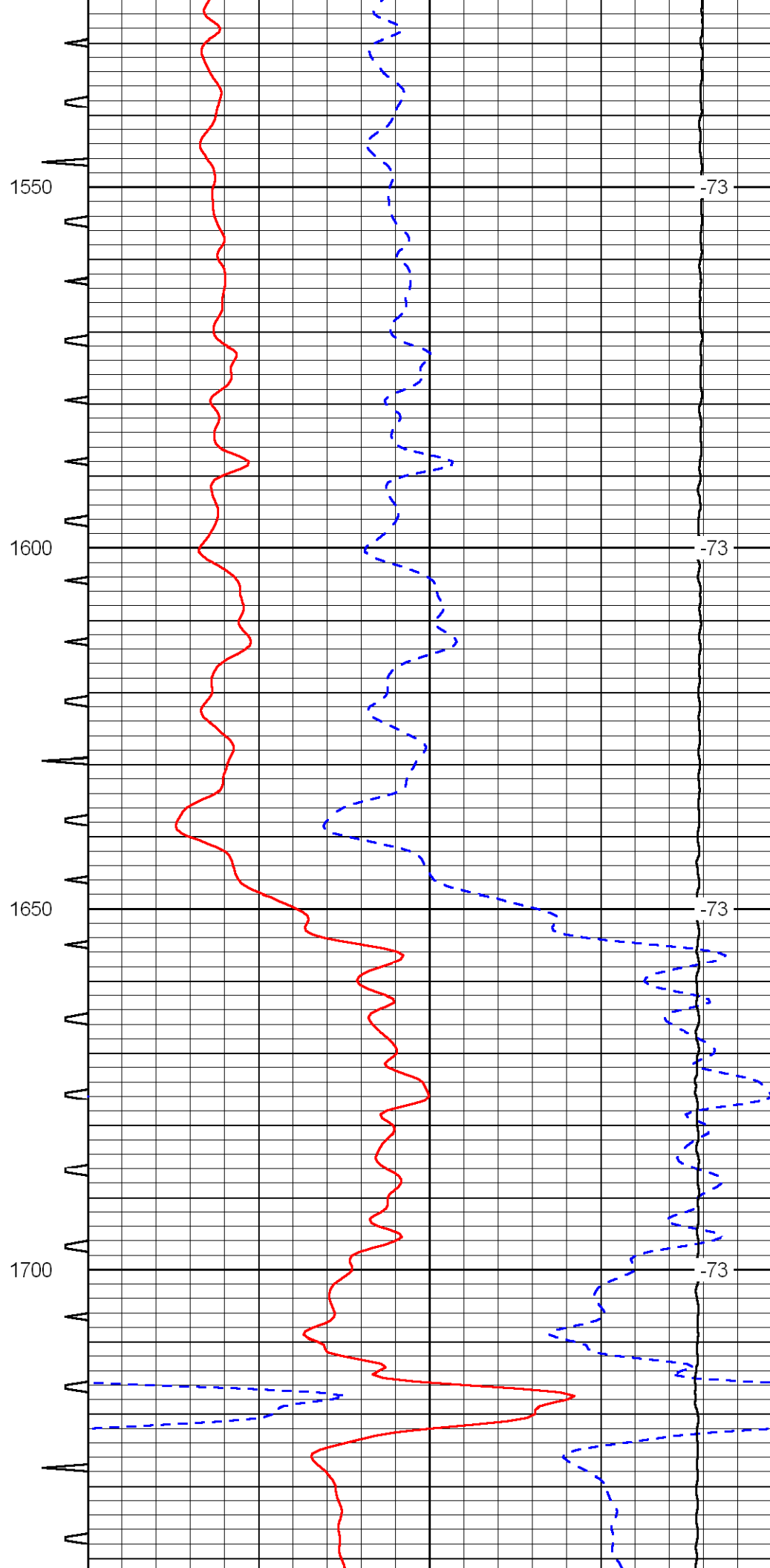
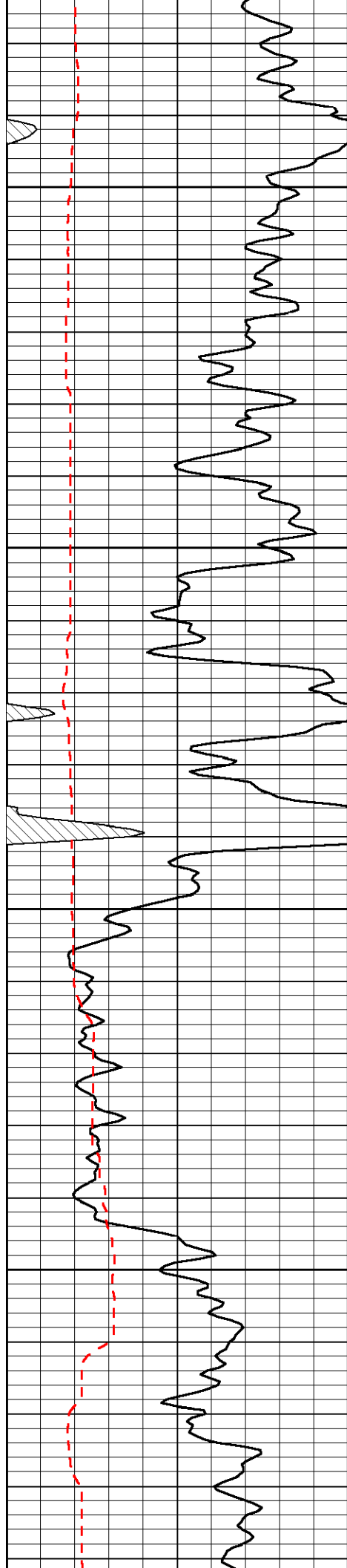


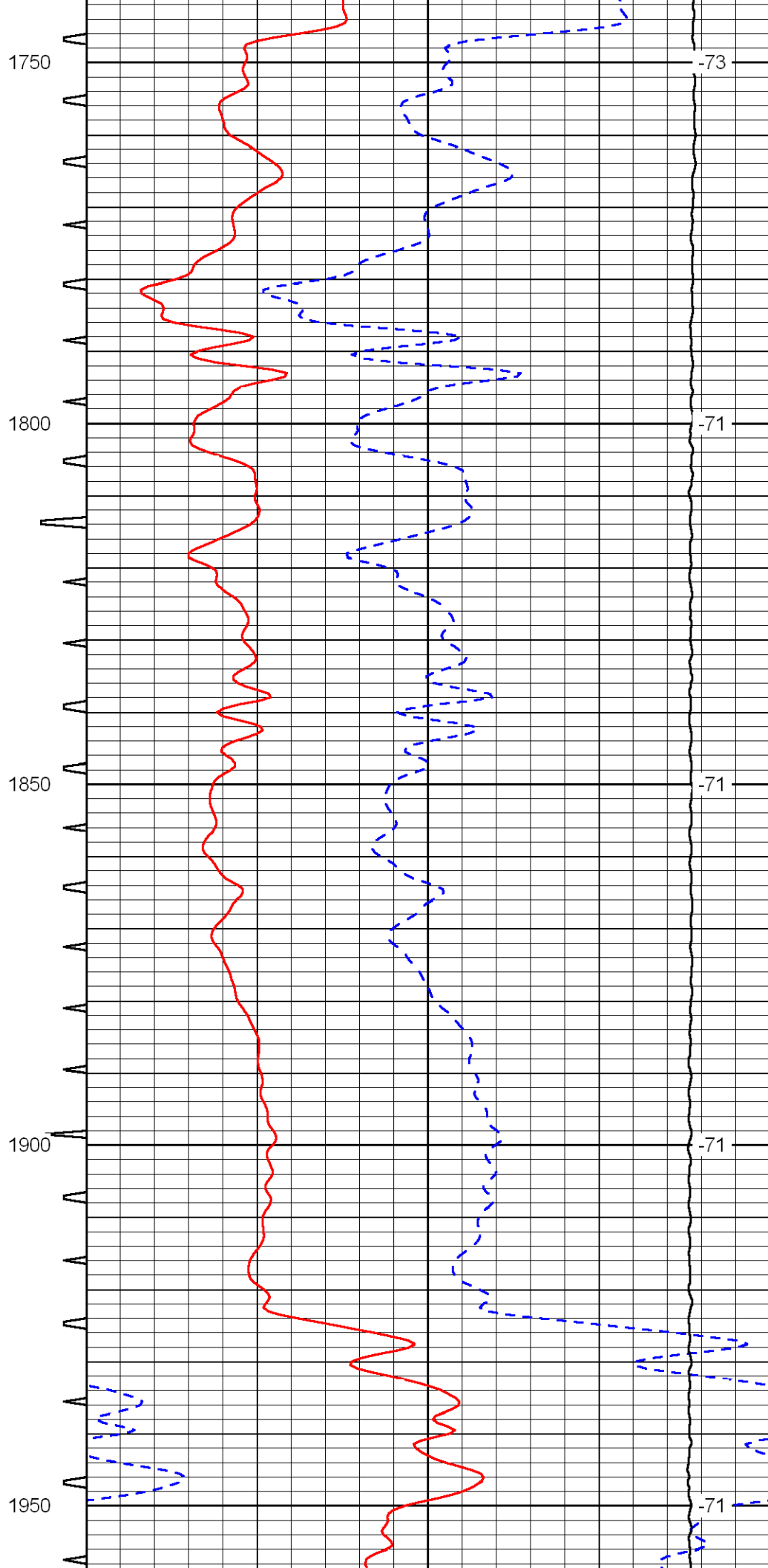
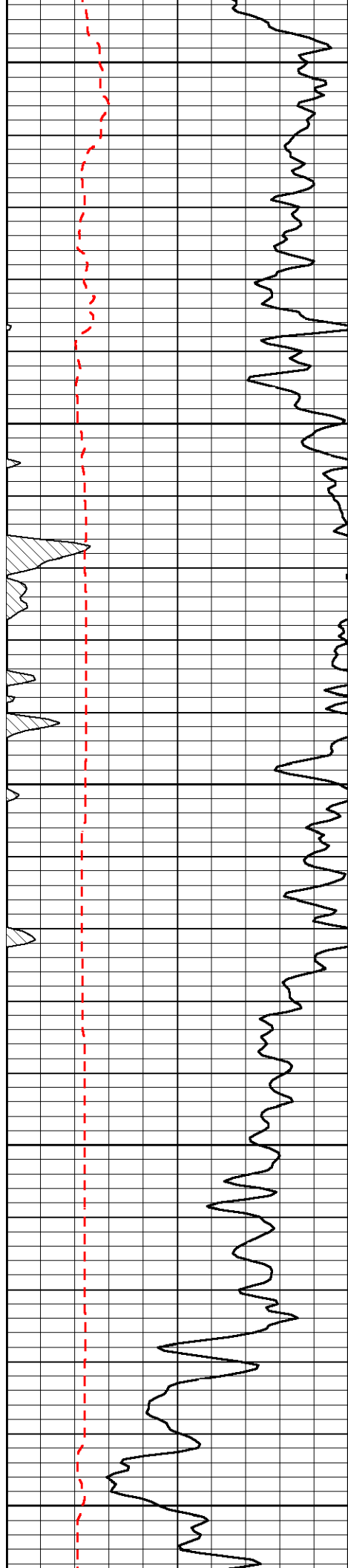


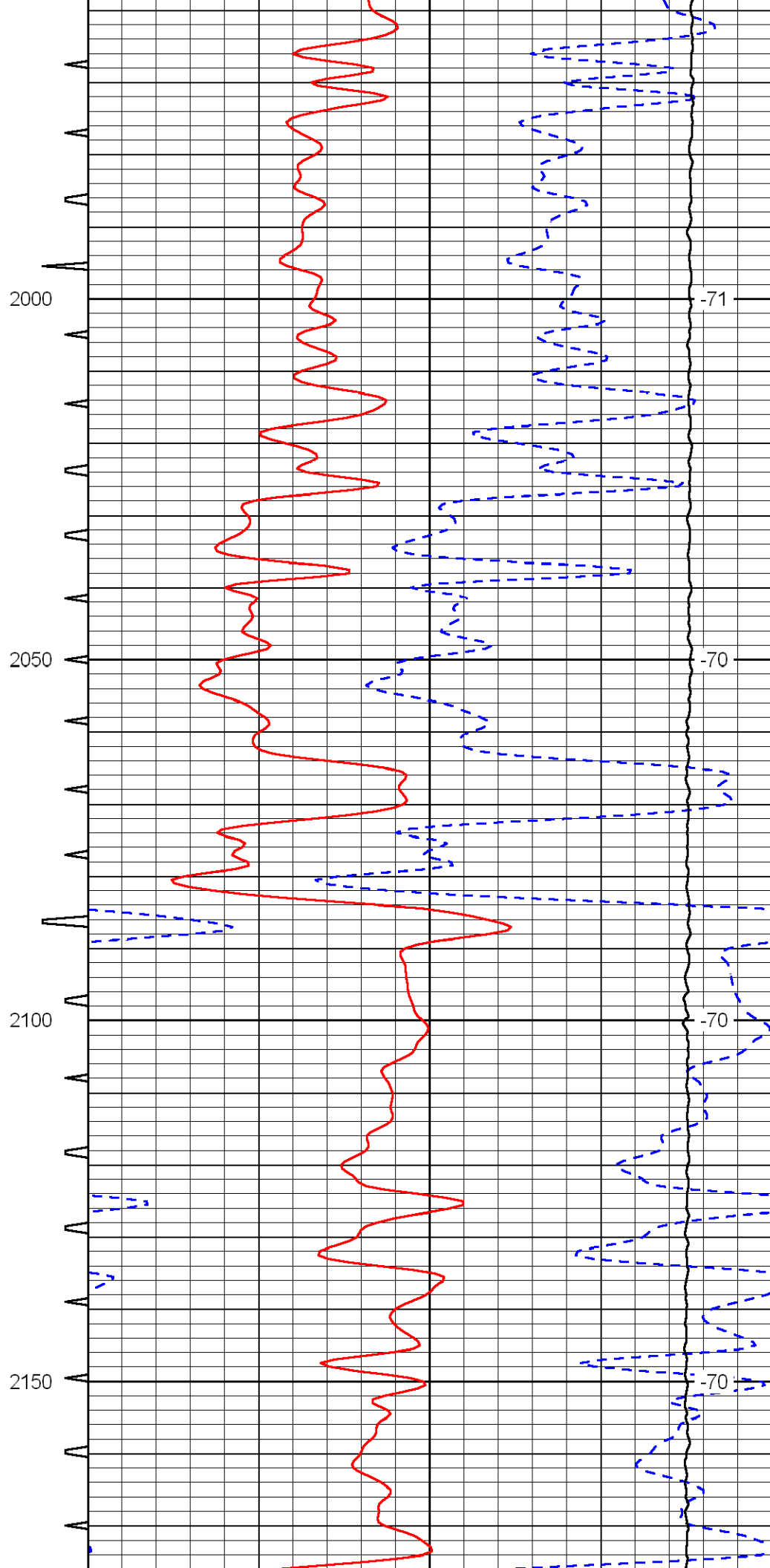
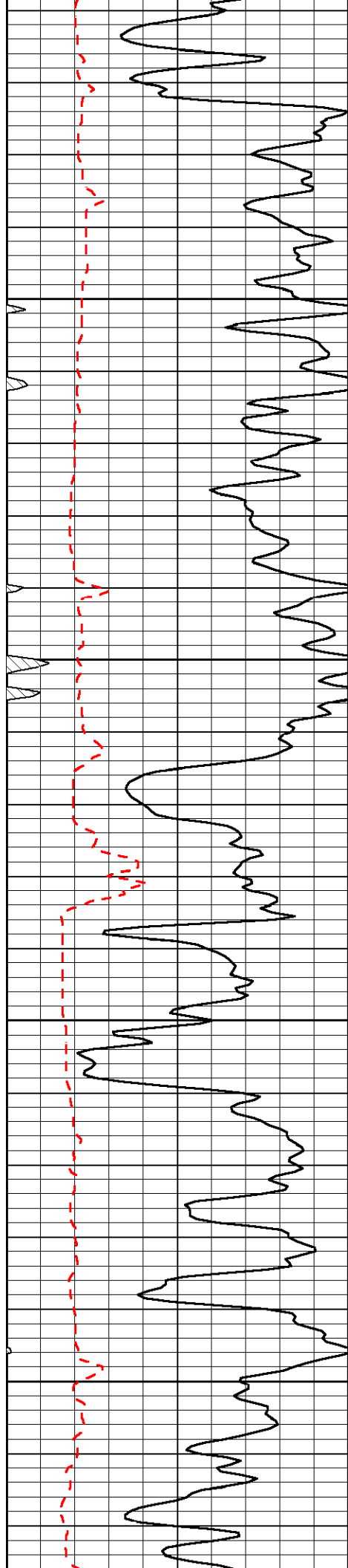


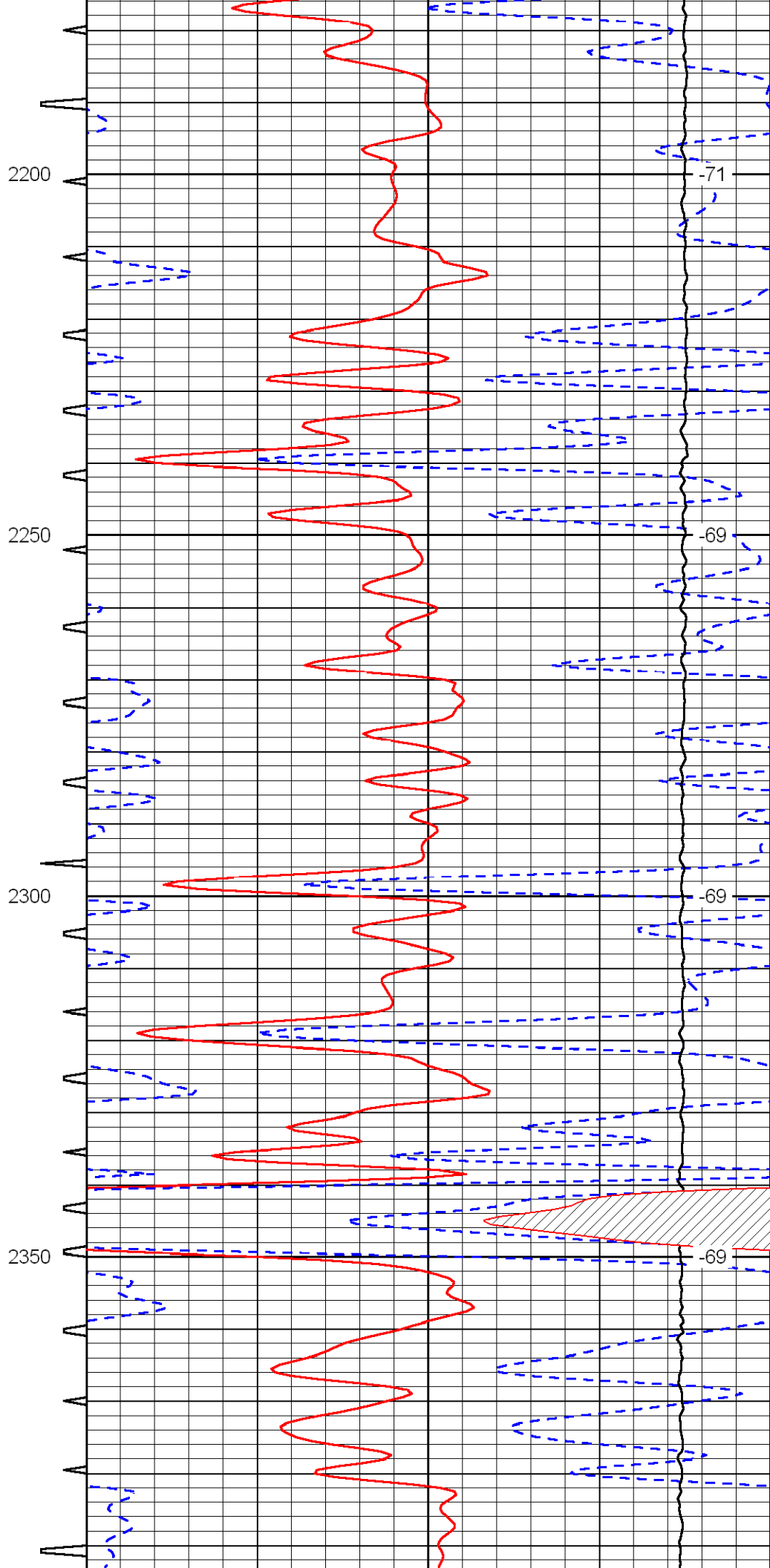
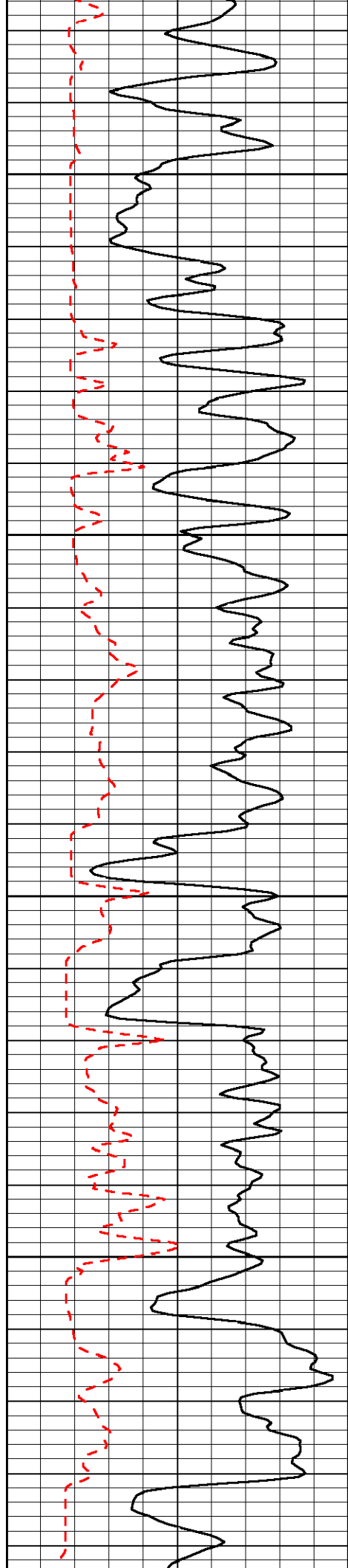


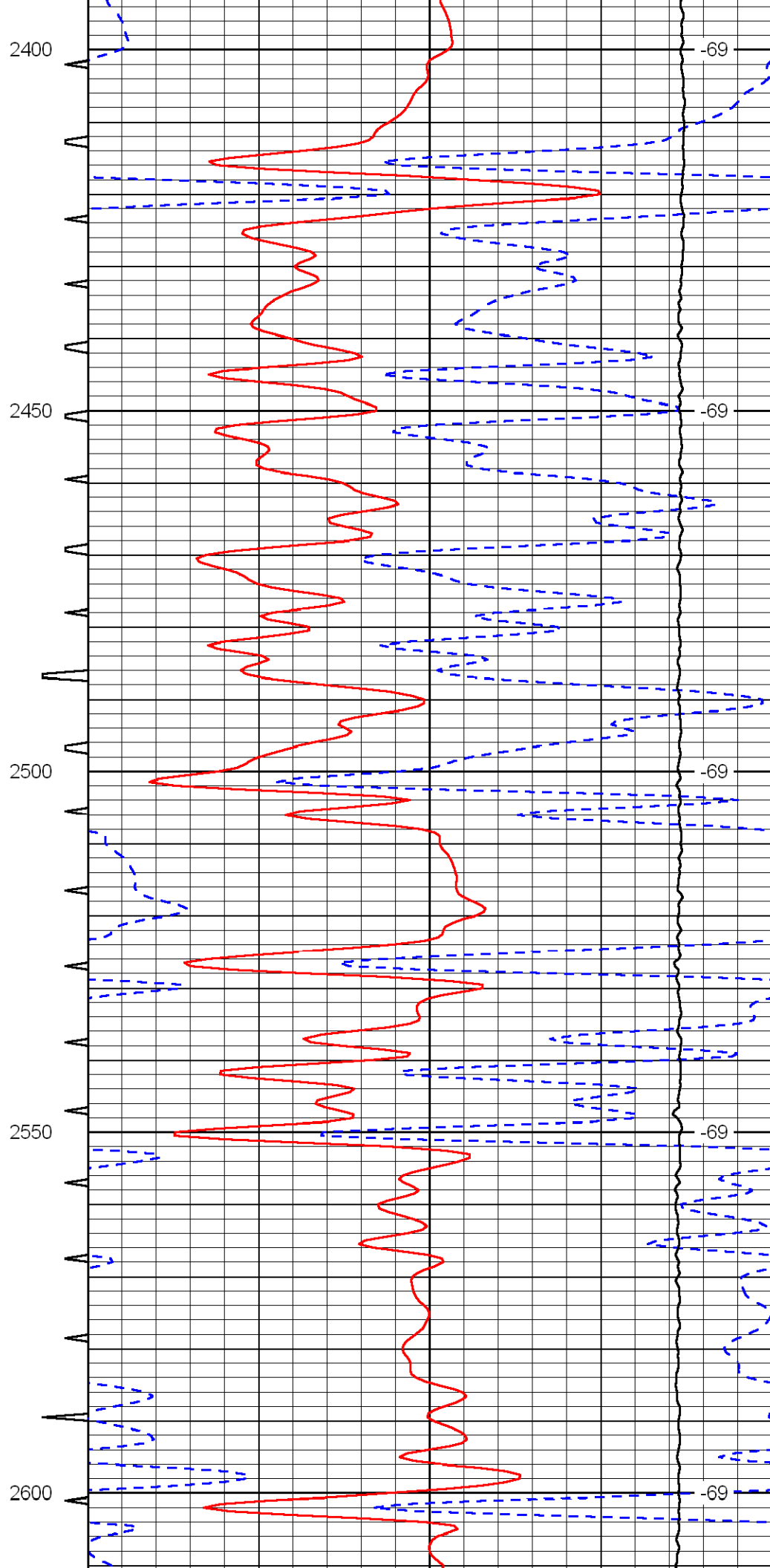
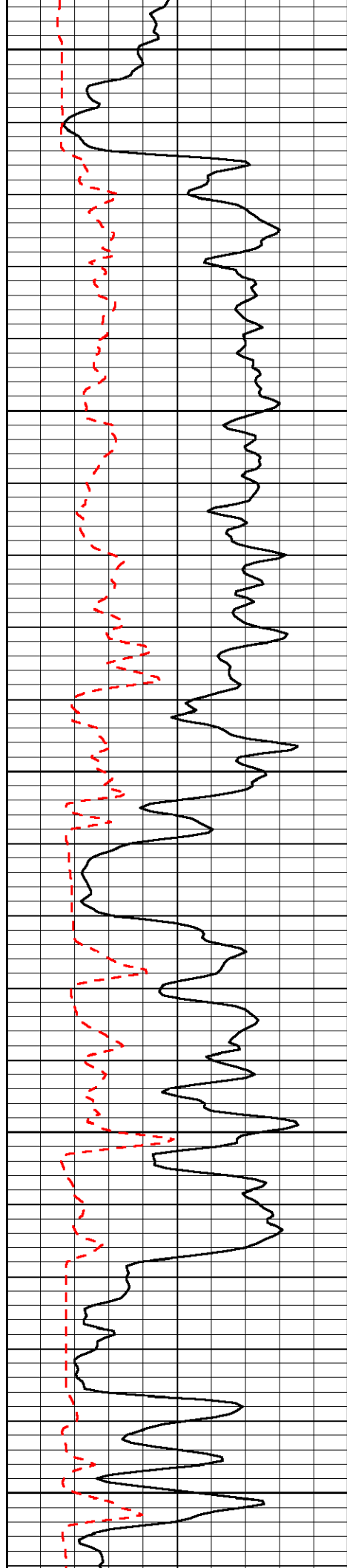


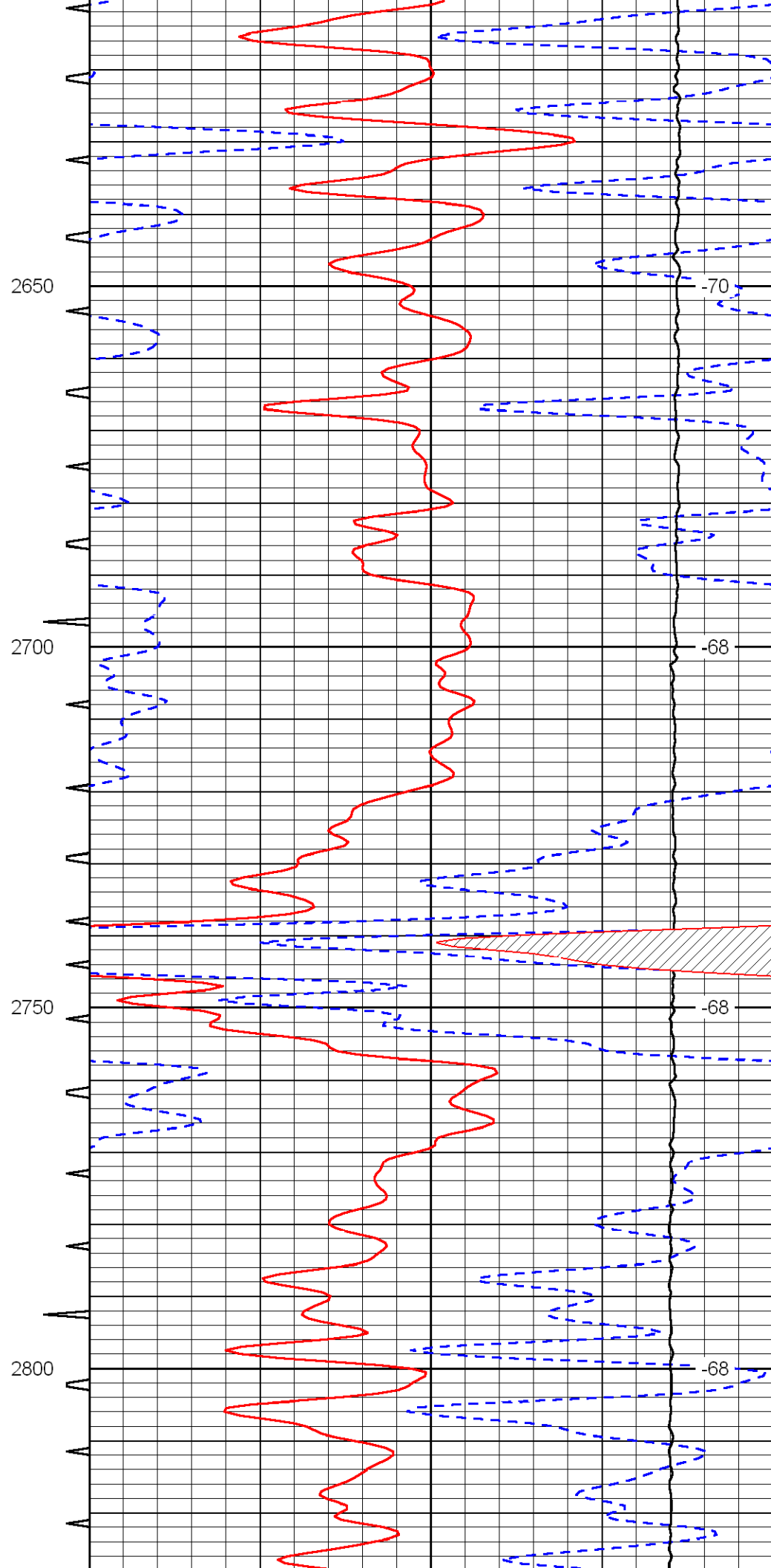
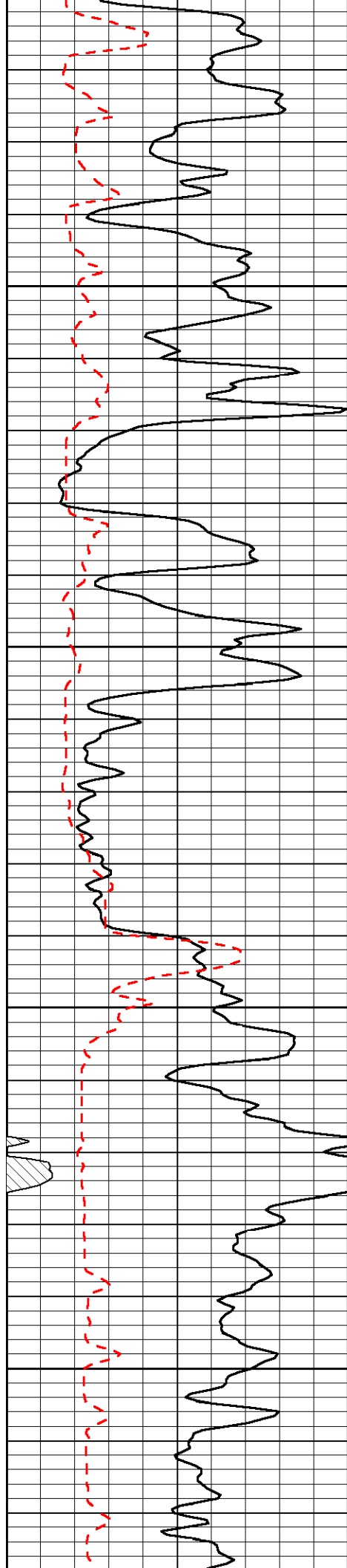


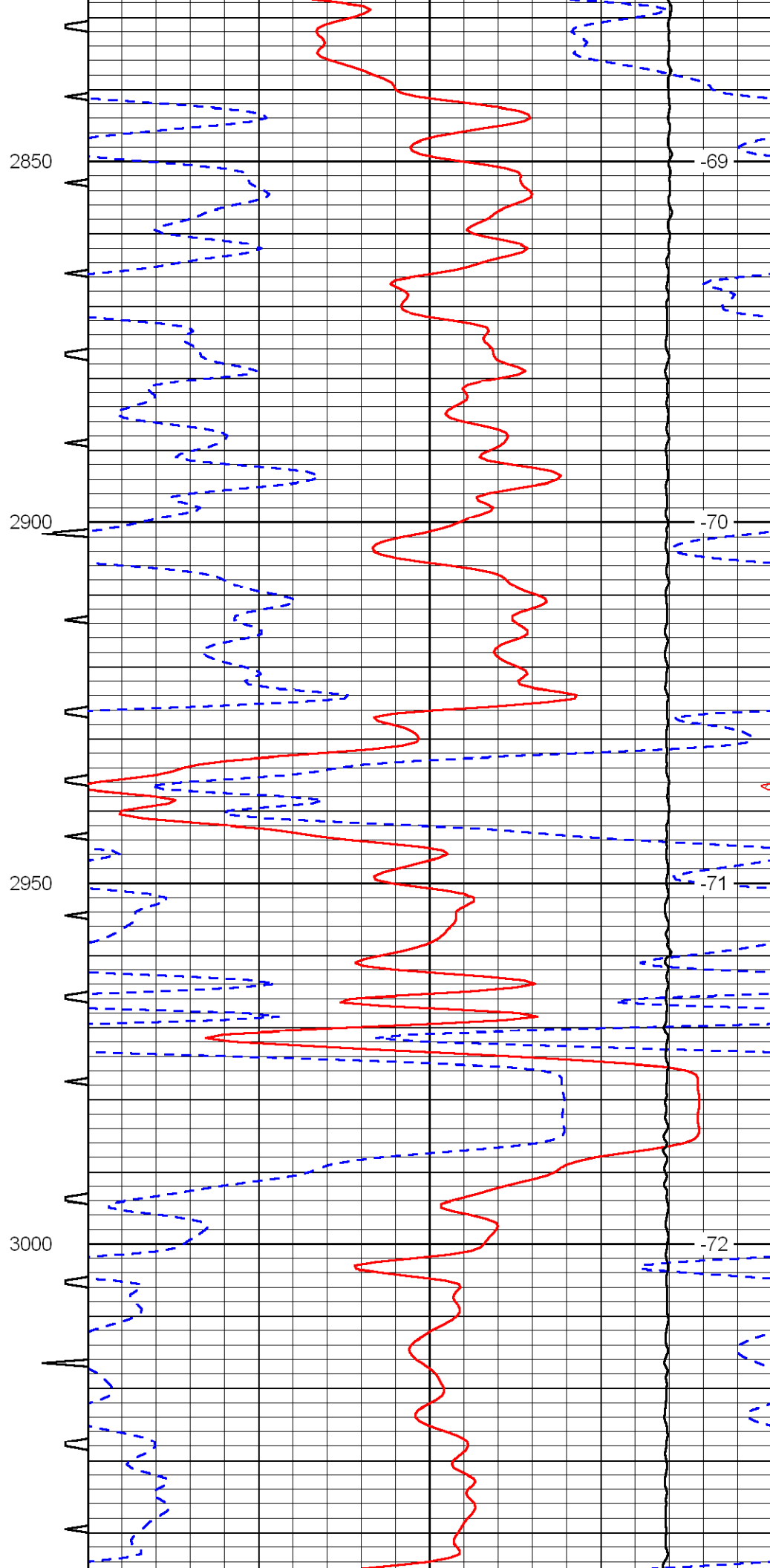
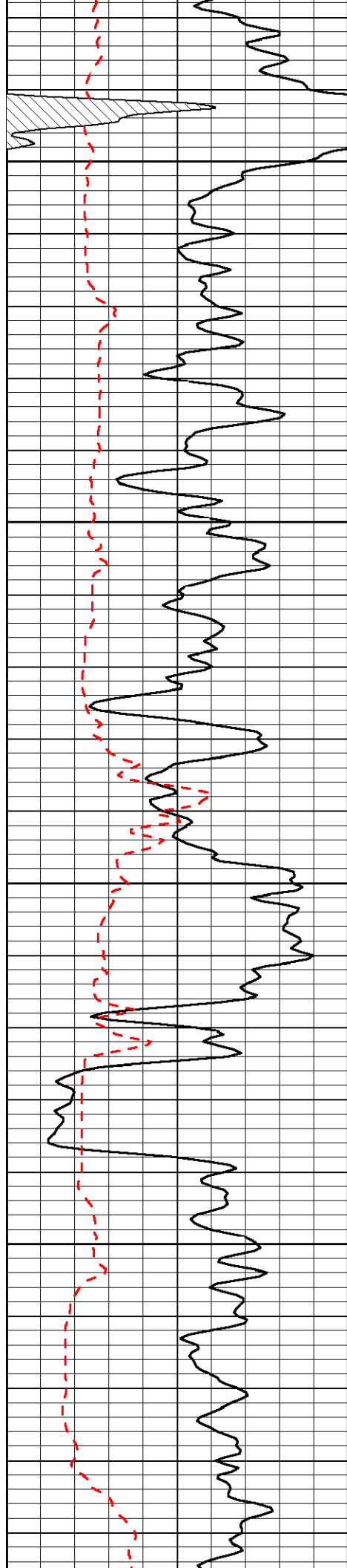


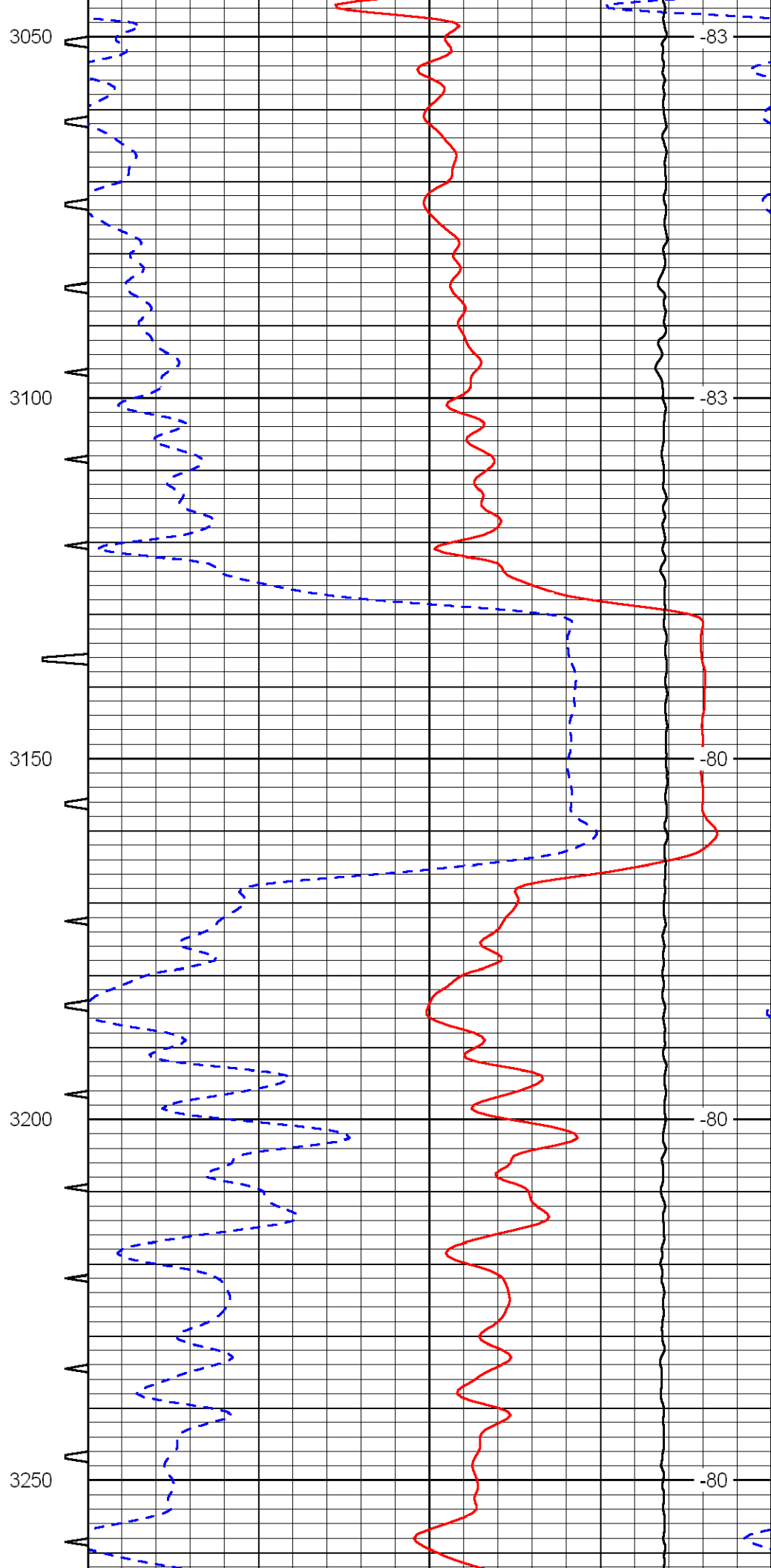
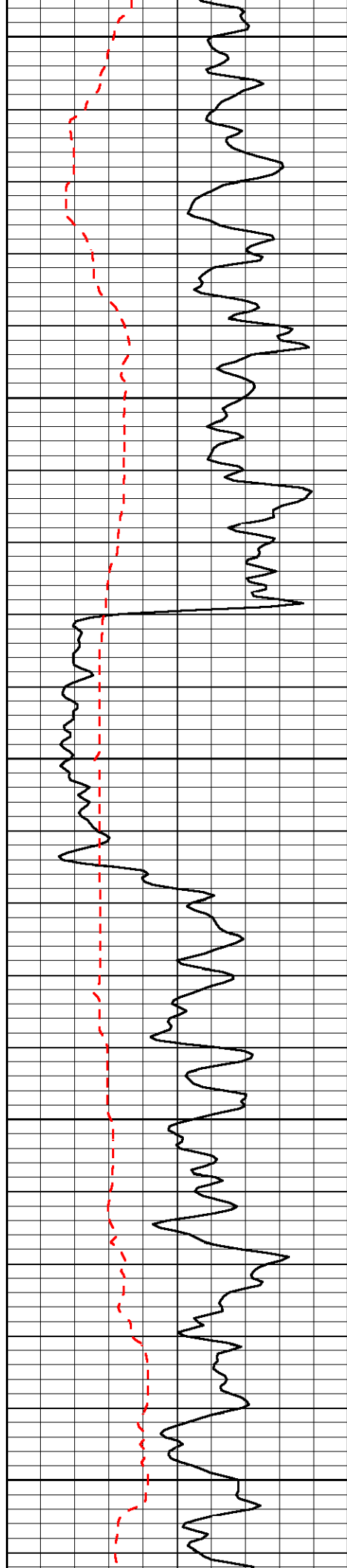


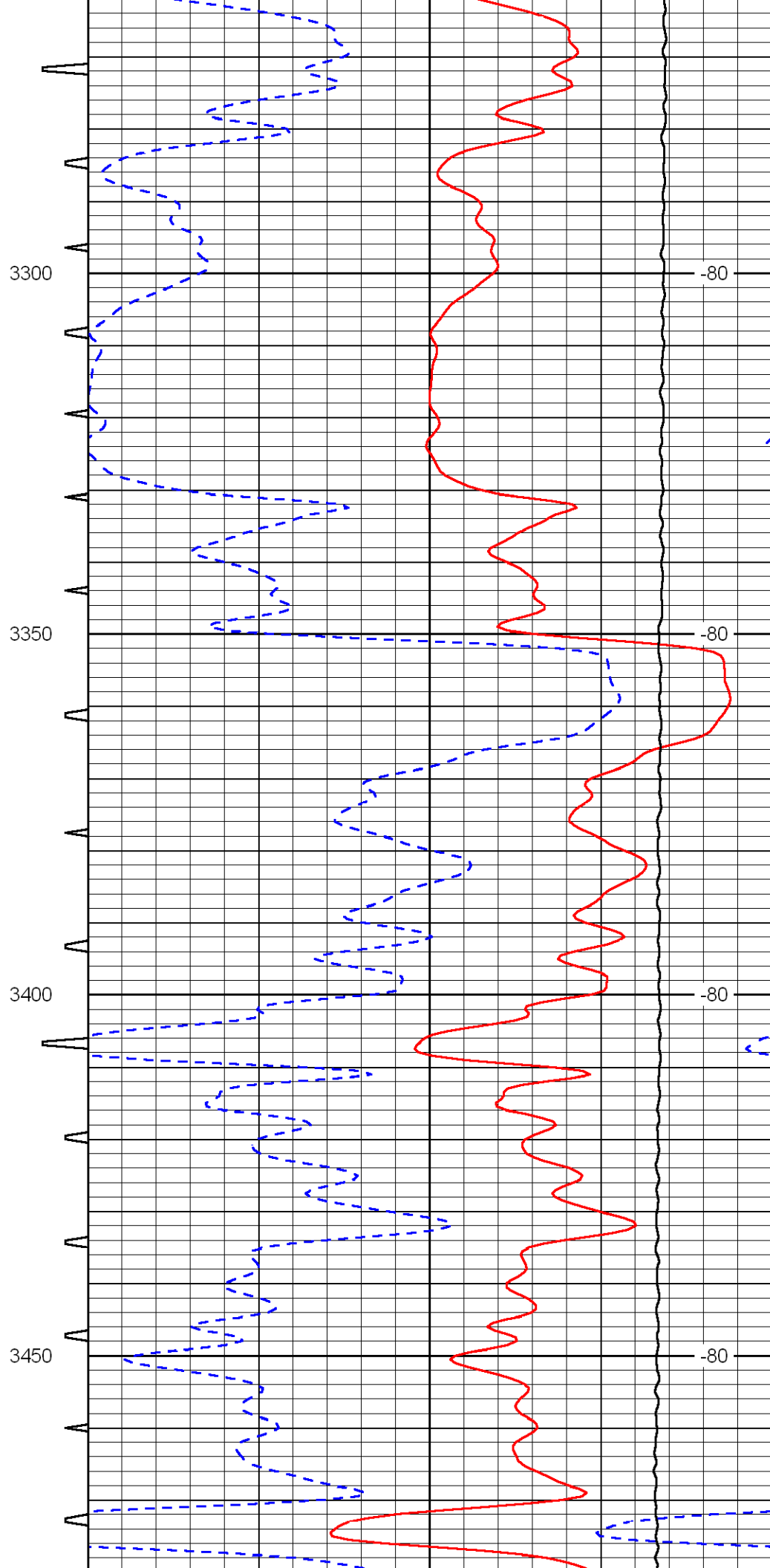
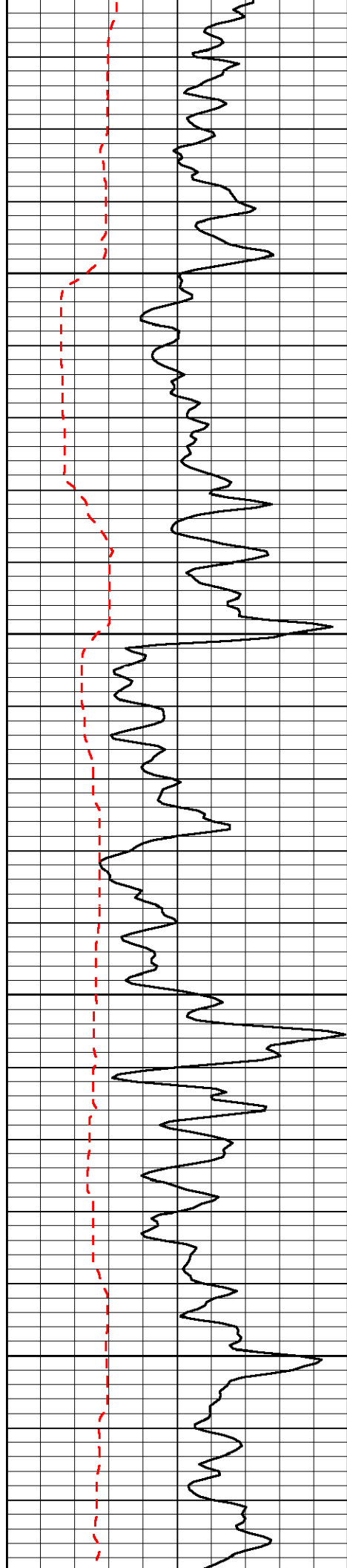


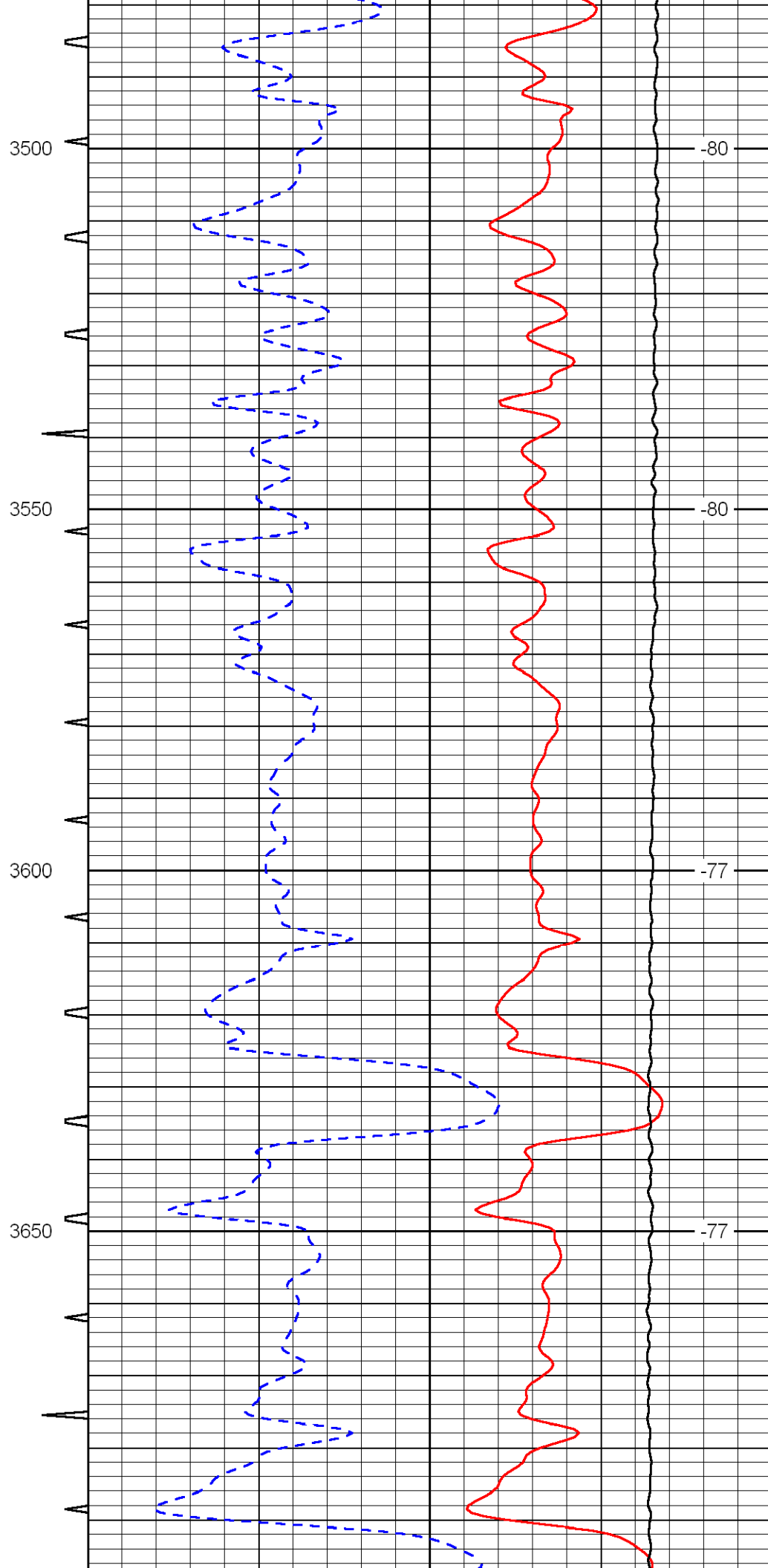
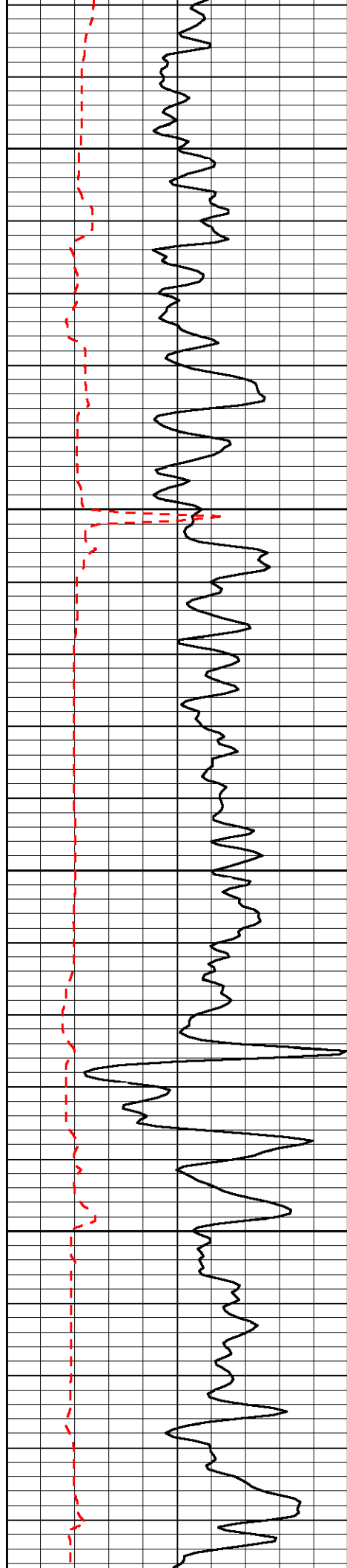


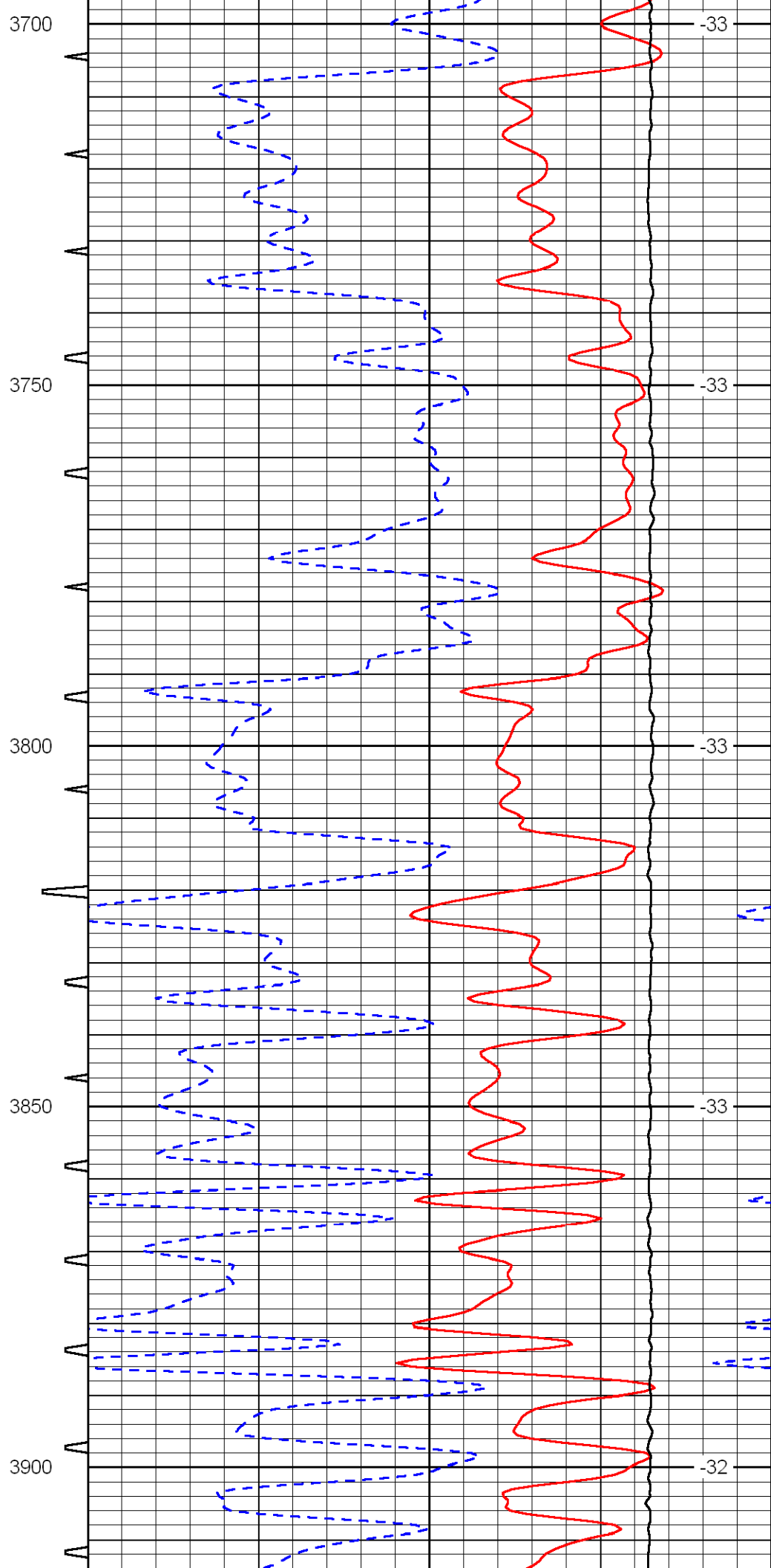
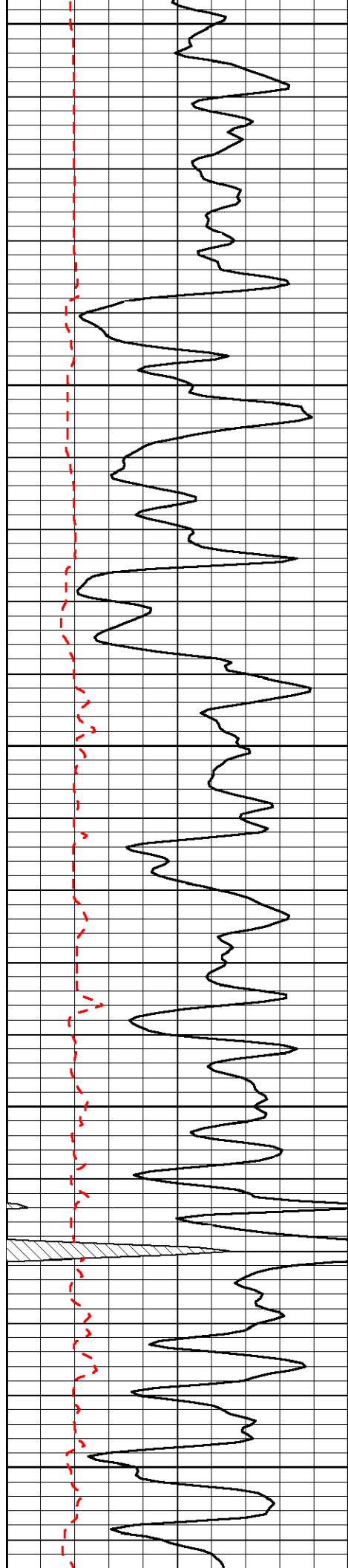


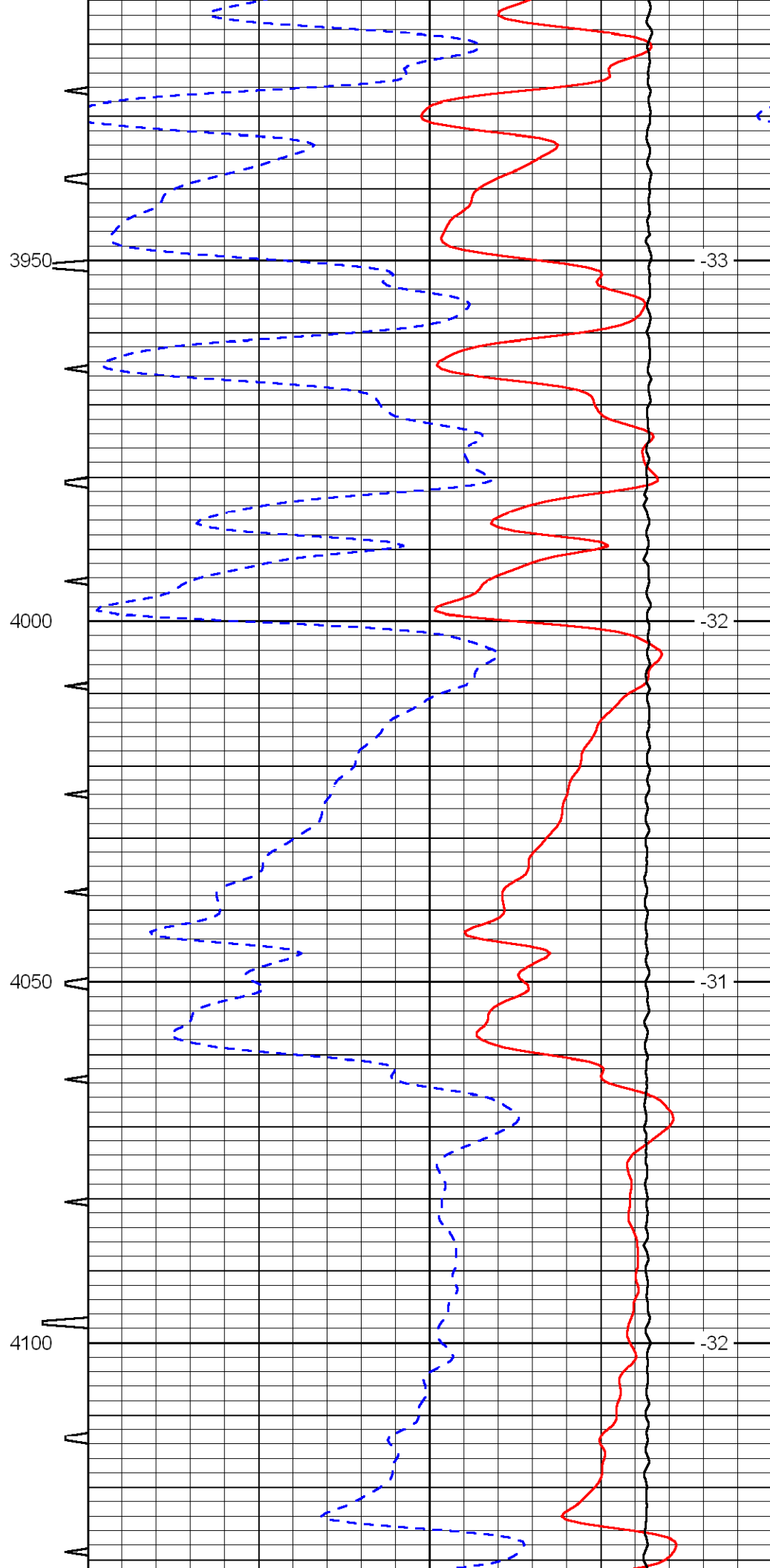
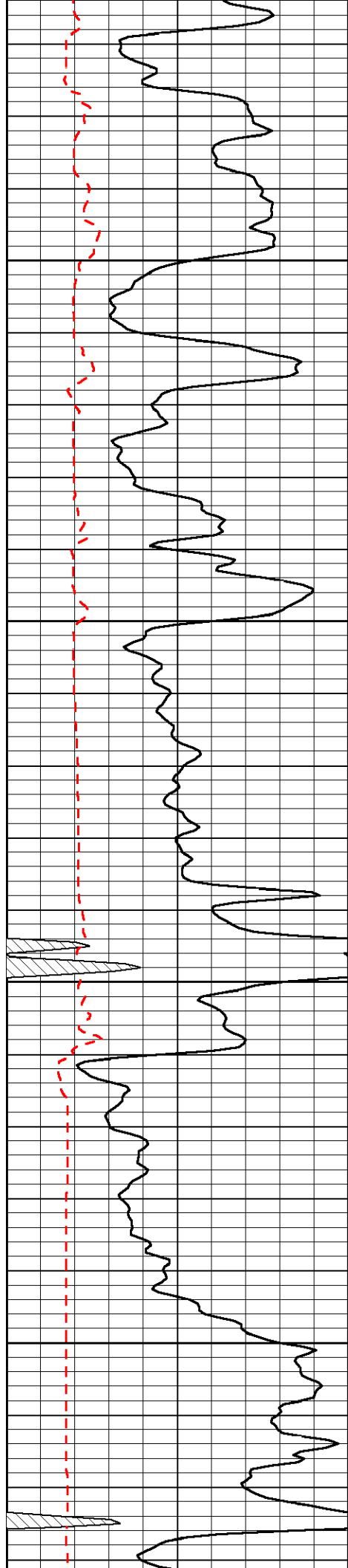


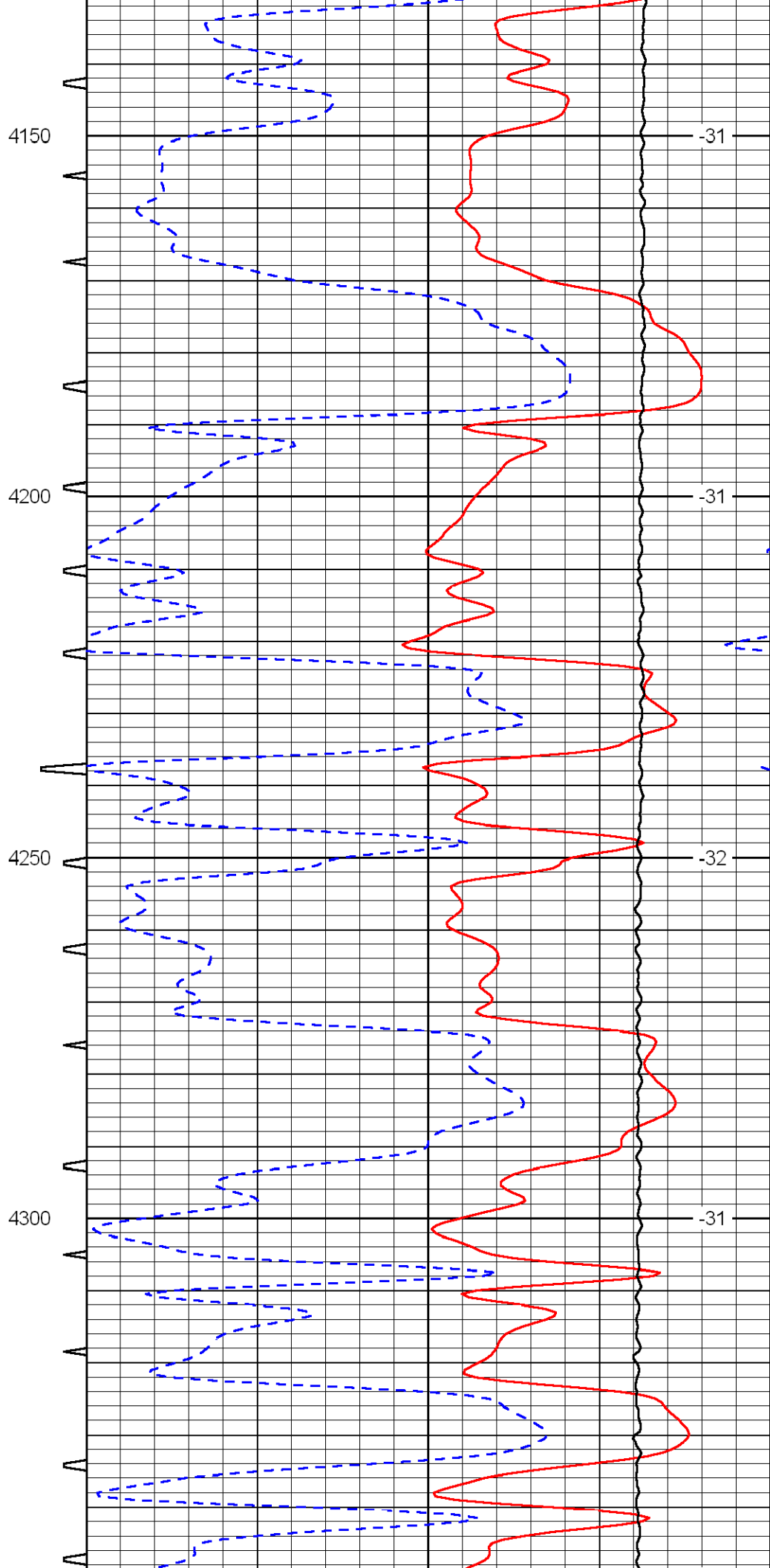
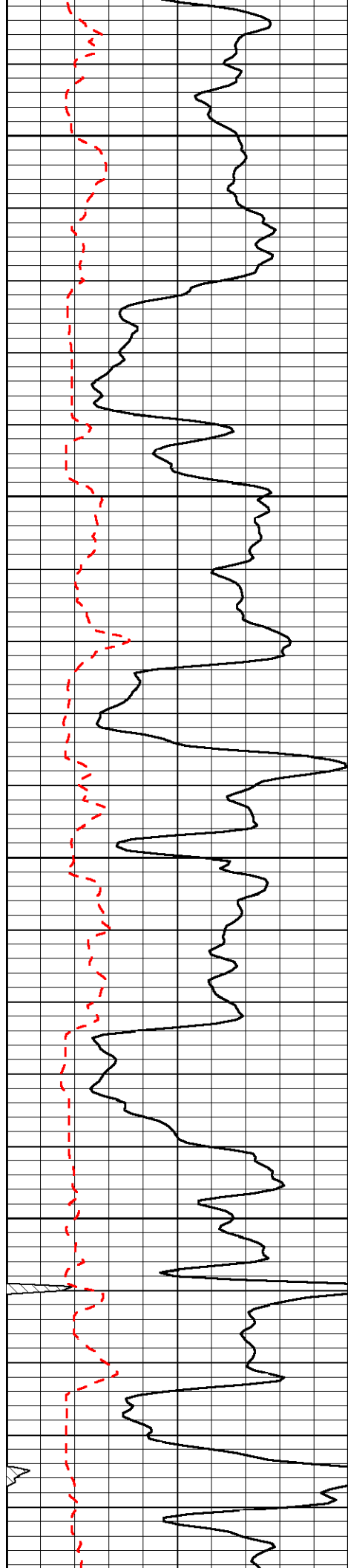


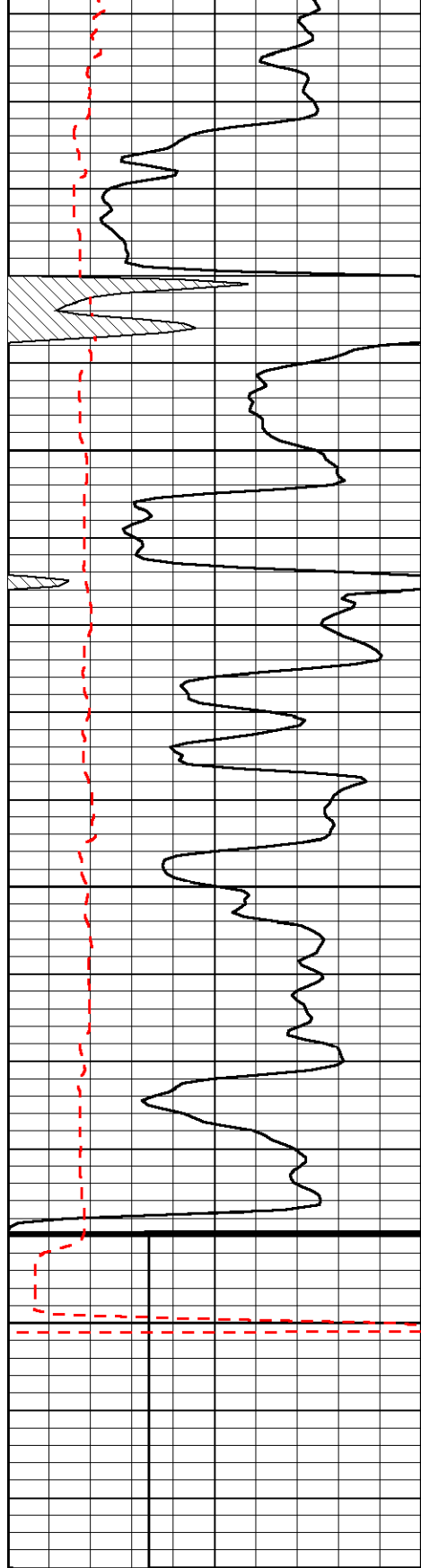












0	Gamma Ray	150
150	Gamma Ray	300
6	Caliper (in)	16

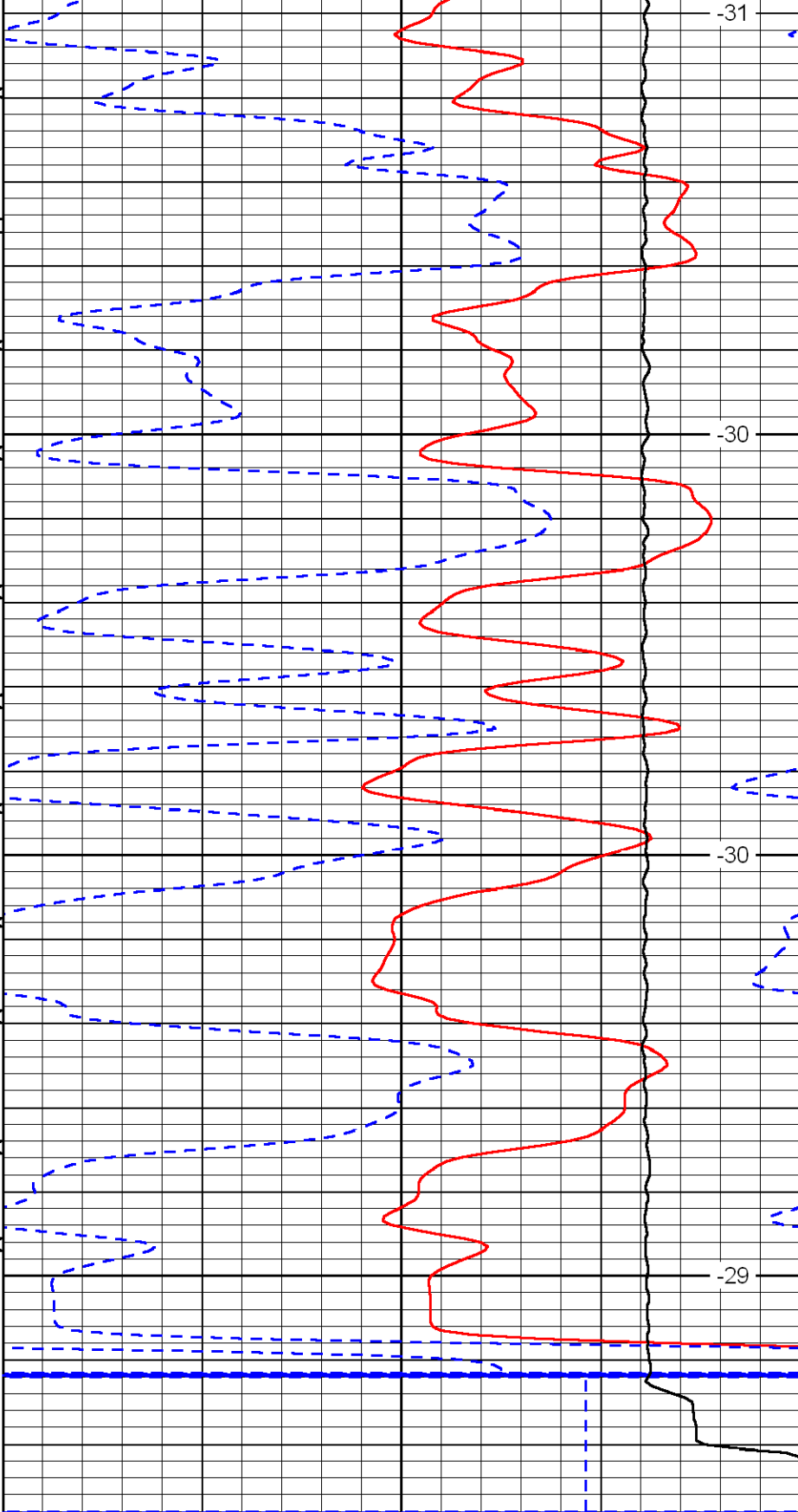
4350

4400

4450

4500

Sonic Int	140
5 (msec)	0



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

LSPD
(ft/min)