



Borehole Compensated Sonic Log

DIGITAL LOG (785) 625-3858

API No.

15-069-20,689-00-00

Company Murfin Drilling Co., Inc.

Well Niedens No. 1-6

Field Wildcat

County Ford

State Kansas

Location 2055' FSL & 780' FWL

Other Services
CNL/CDL
MEL/DIL

Sec: 6 Twp: 26 S Rge: 24 W

Permanent Datum Ground Level Elevation 2522
Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation

K.B. 2533
D.F.
G.L. 2522

Date

7/13/2010

Run Number

Two

Type Log

BHC Sonic

Depth Driller

5130

Depth Logger

5116

Bottom Logged Interval

5105

Top Logged Interval

450

Type Fluid In Hole

Chemical

Salinity, PPM CL

5,500

Density

9.3

Level

Full

Max. Rec. Temp. F

129

Operating Rig Time

6 Hours

Equipment -- Location

4 Days

Recorded By

K. Bange

Witnessed By

Brad Rine

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

1

12.25

00

463

8.625

24#

00

463

2

7.875

463

5130

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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.

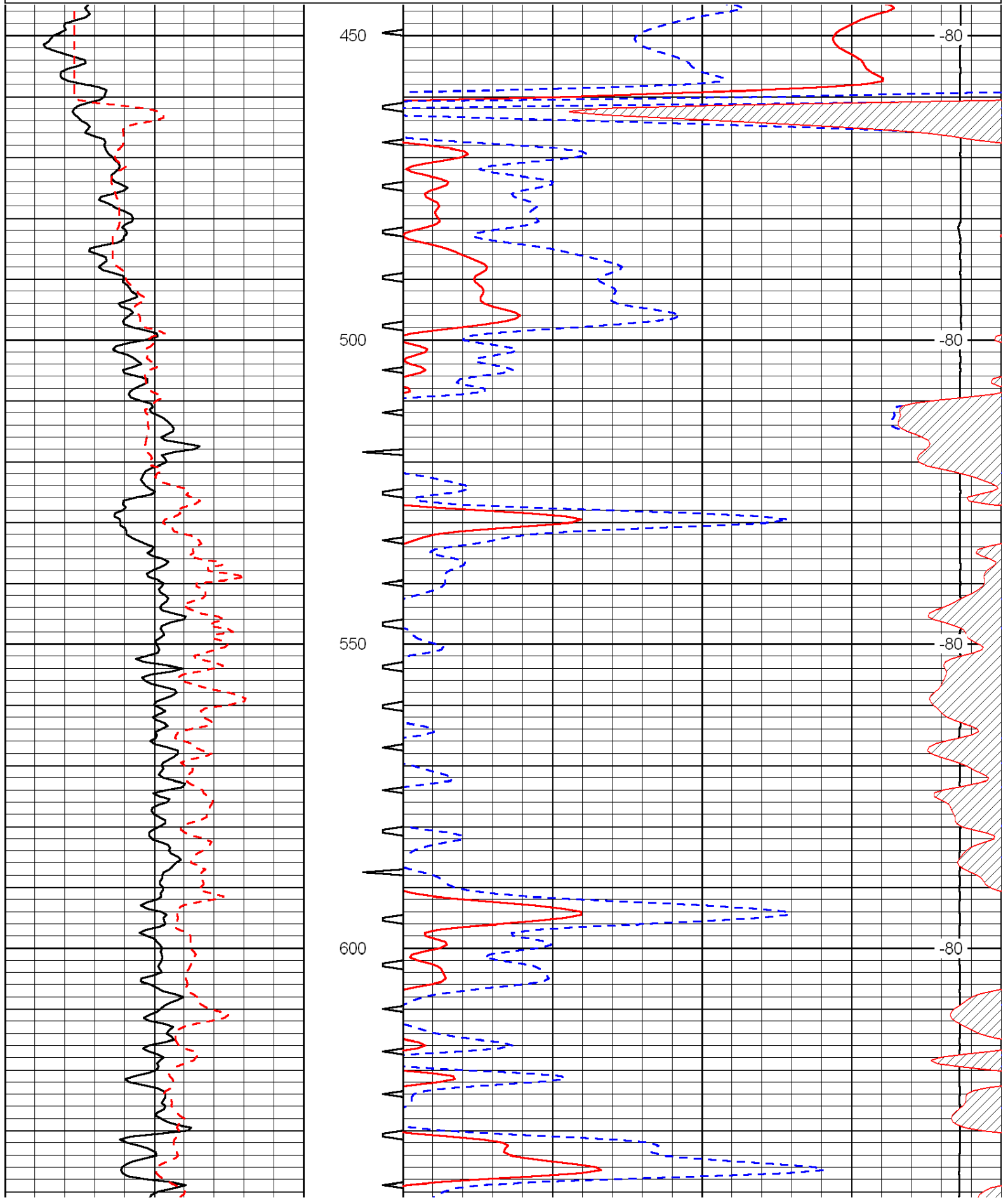
Comments

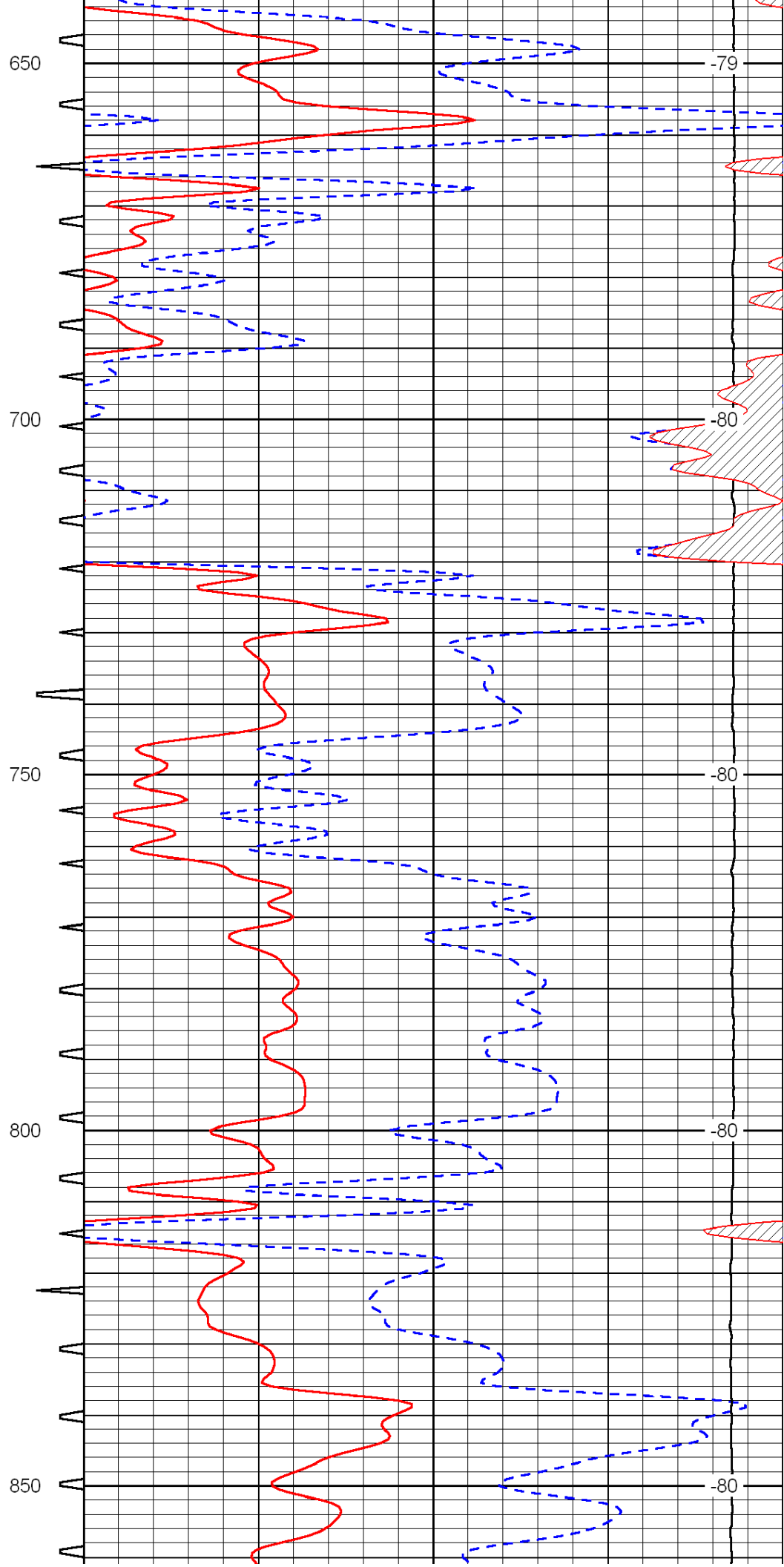
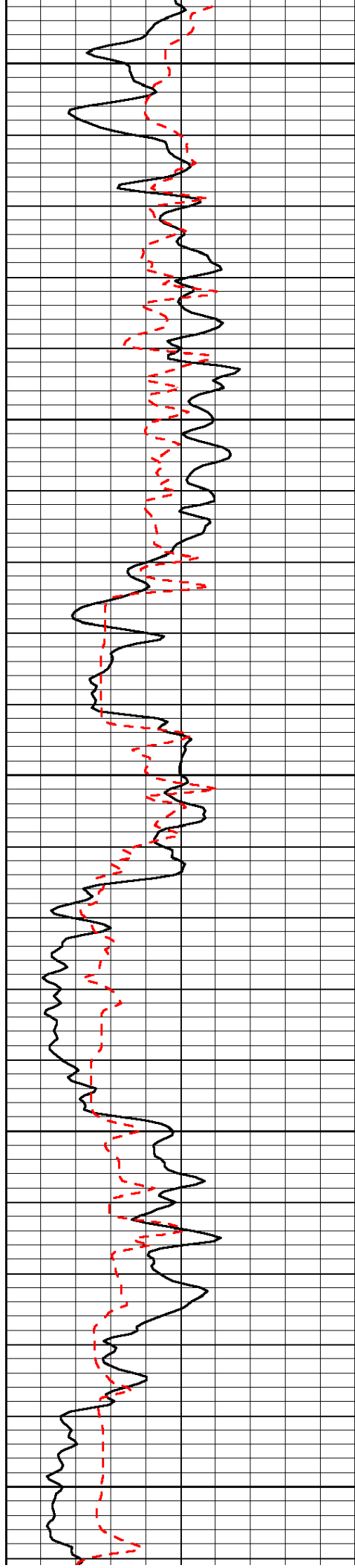
Thank you for using Log-Tech, Inc.
(785) 625-3858

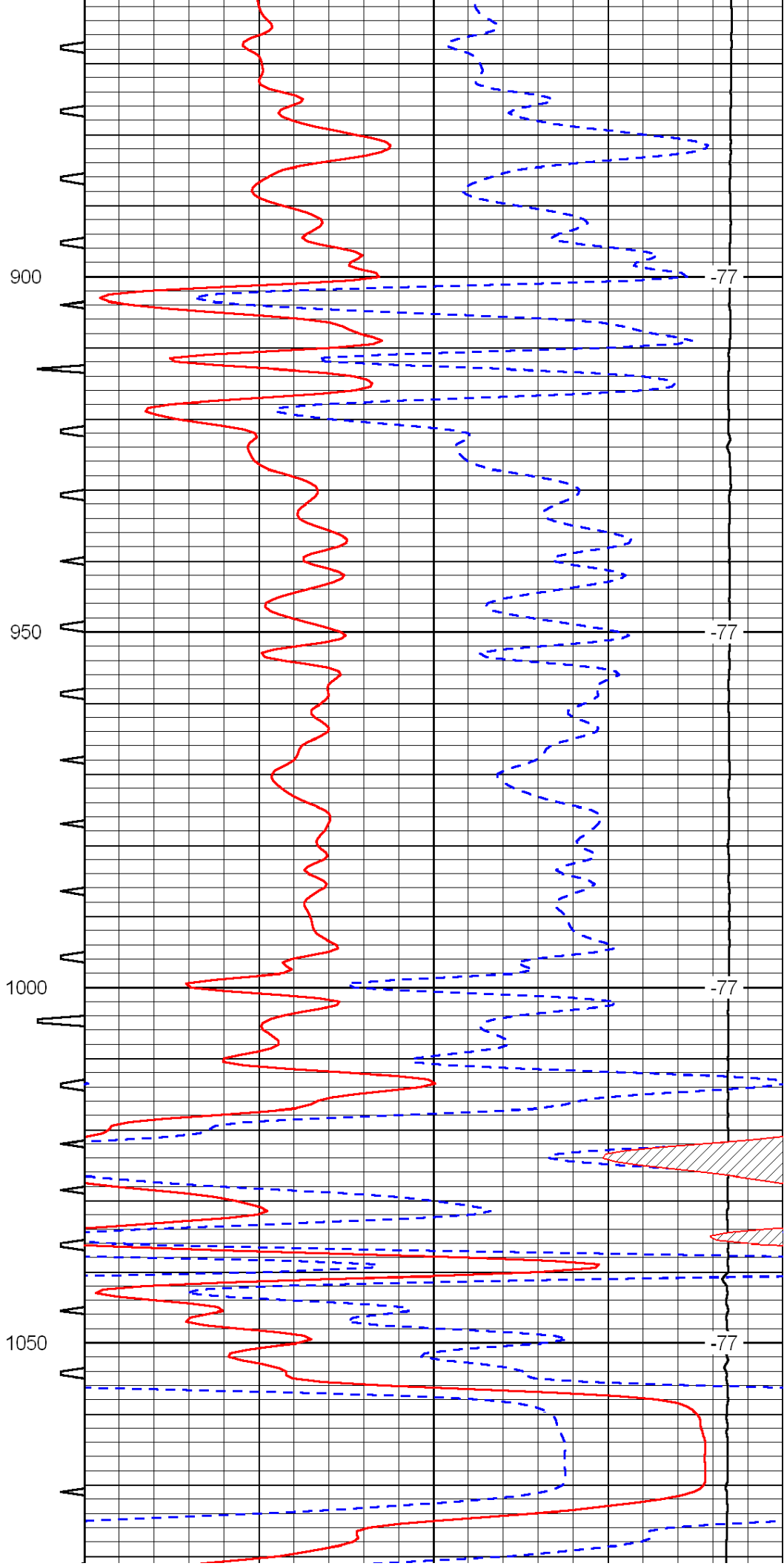
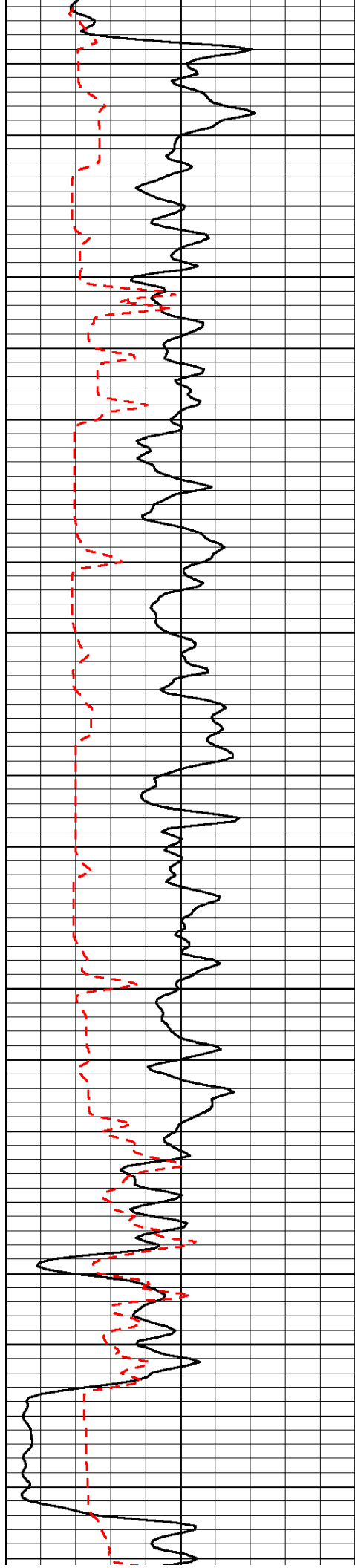
E edge of Dodge City (Flying J), 5 N on 113 rd to Garnett rd, 1 W, 1/2 S, E into

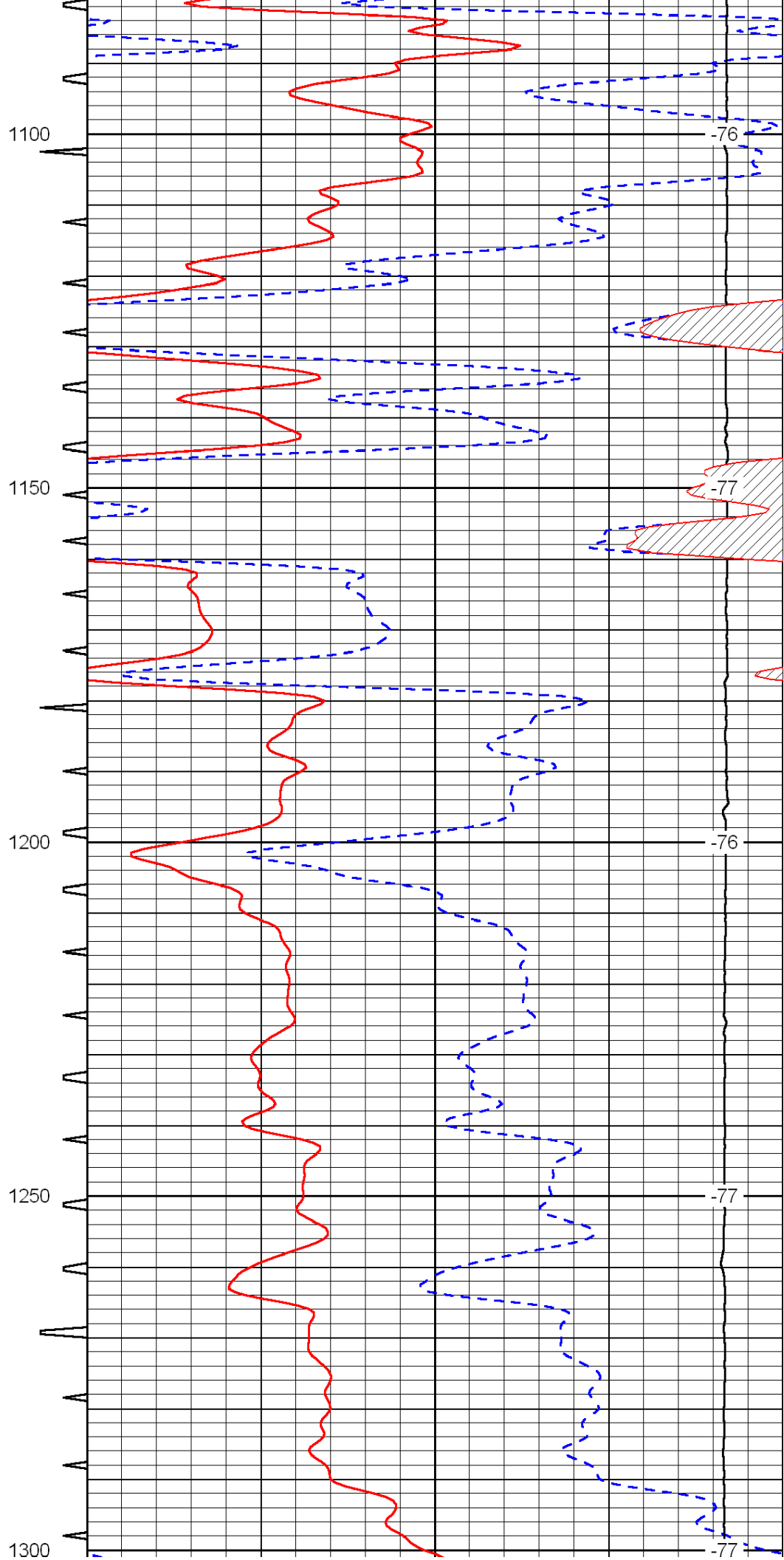
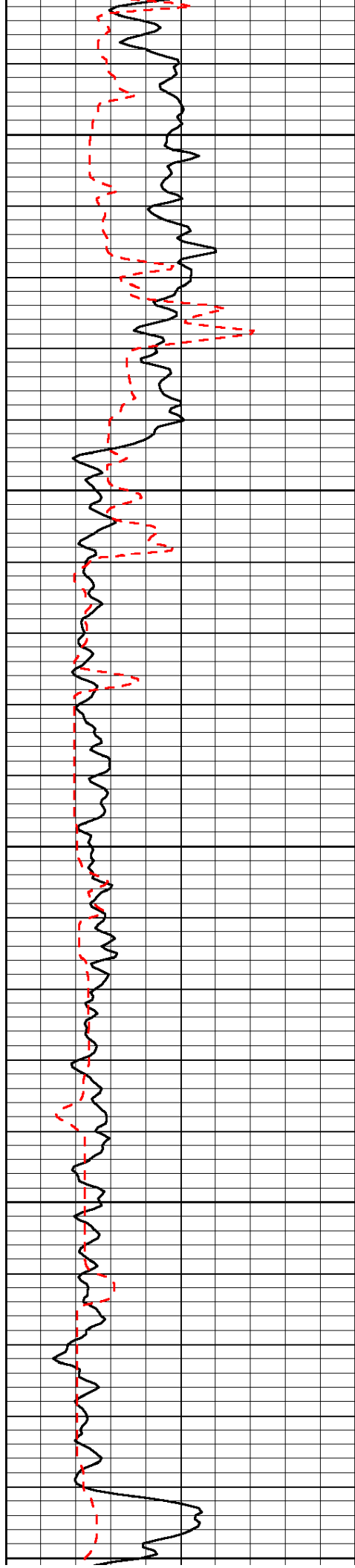
Database File: c:\warrior\data\murfin_niedens #1-6\murfinhd.db
Dataset Pathname: dil\murflogs
Presentation Format: sonic
Dataset Creation: Wed Jul 14 10:43:23 2010
Charted by: Depth in Feet scaled 1:240

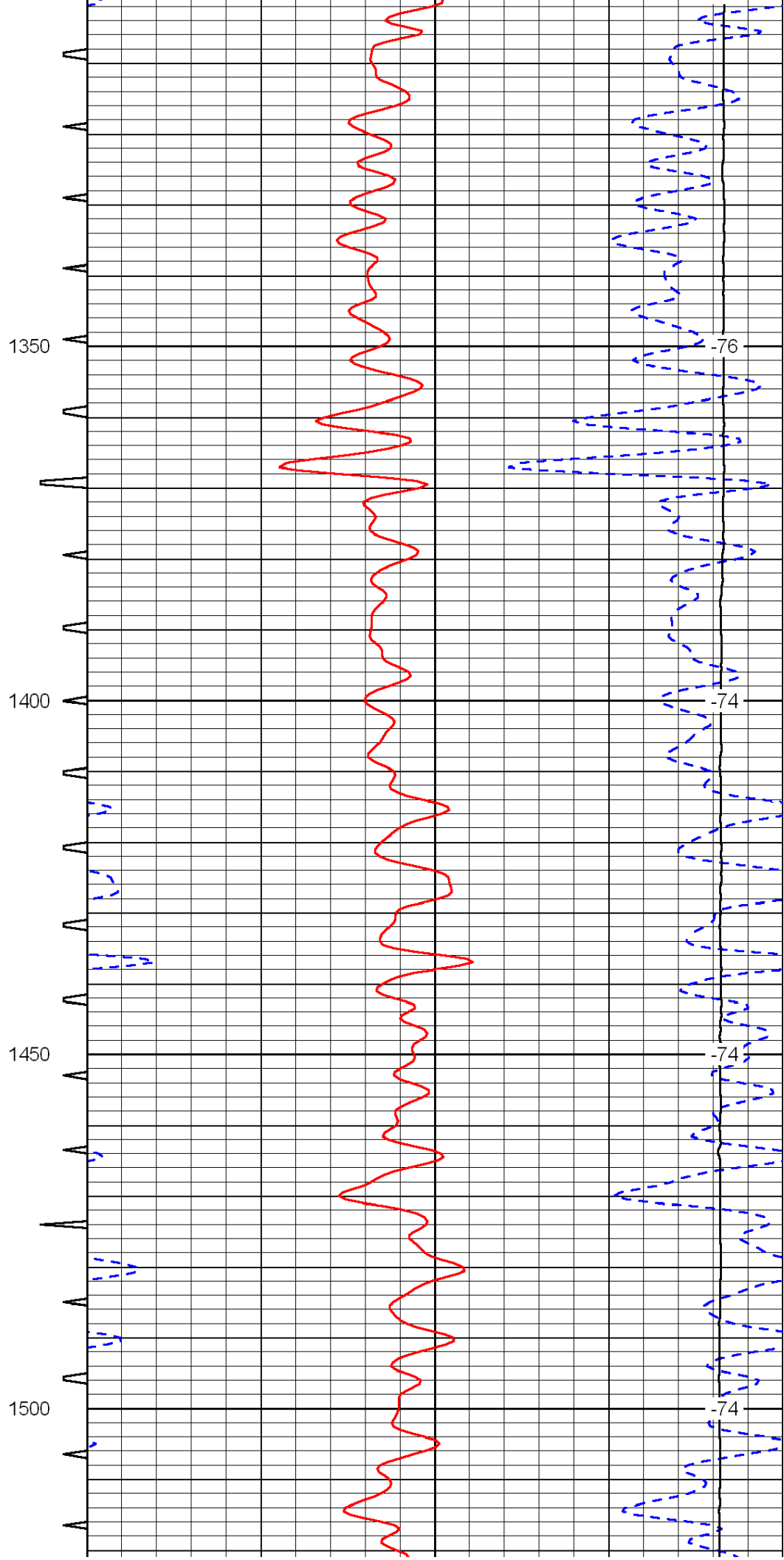
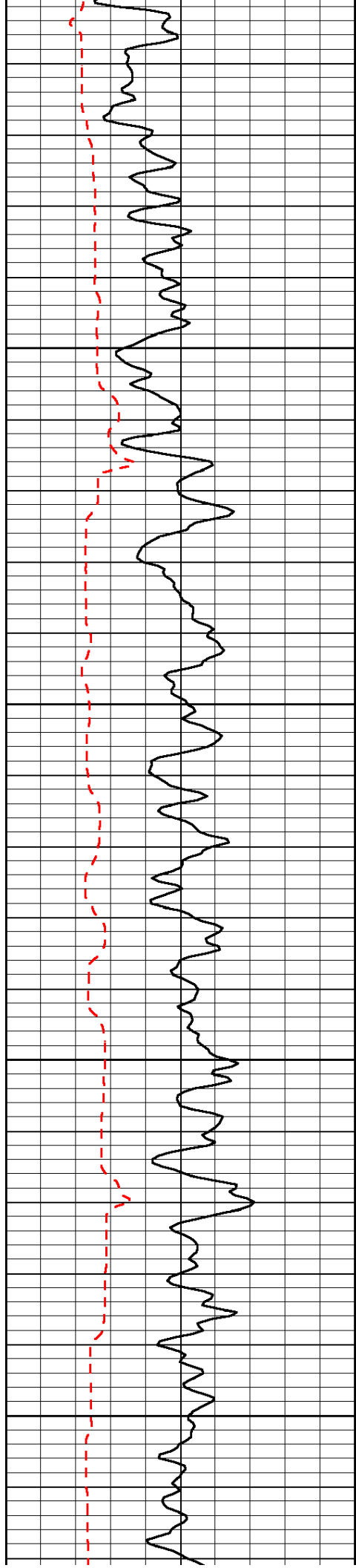
Charted by:		Depth in Feet scaled 1:2.15					
0	Gamma Ray	150	5	0	140	Delta Time (usec/ft)	40
150	Gamma Ray	300			30	SPOR	-10
6	Caliper (GAPI)	16			15000	LTEN (lb)	0
							LSPD

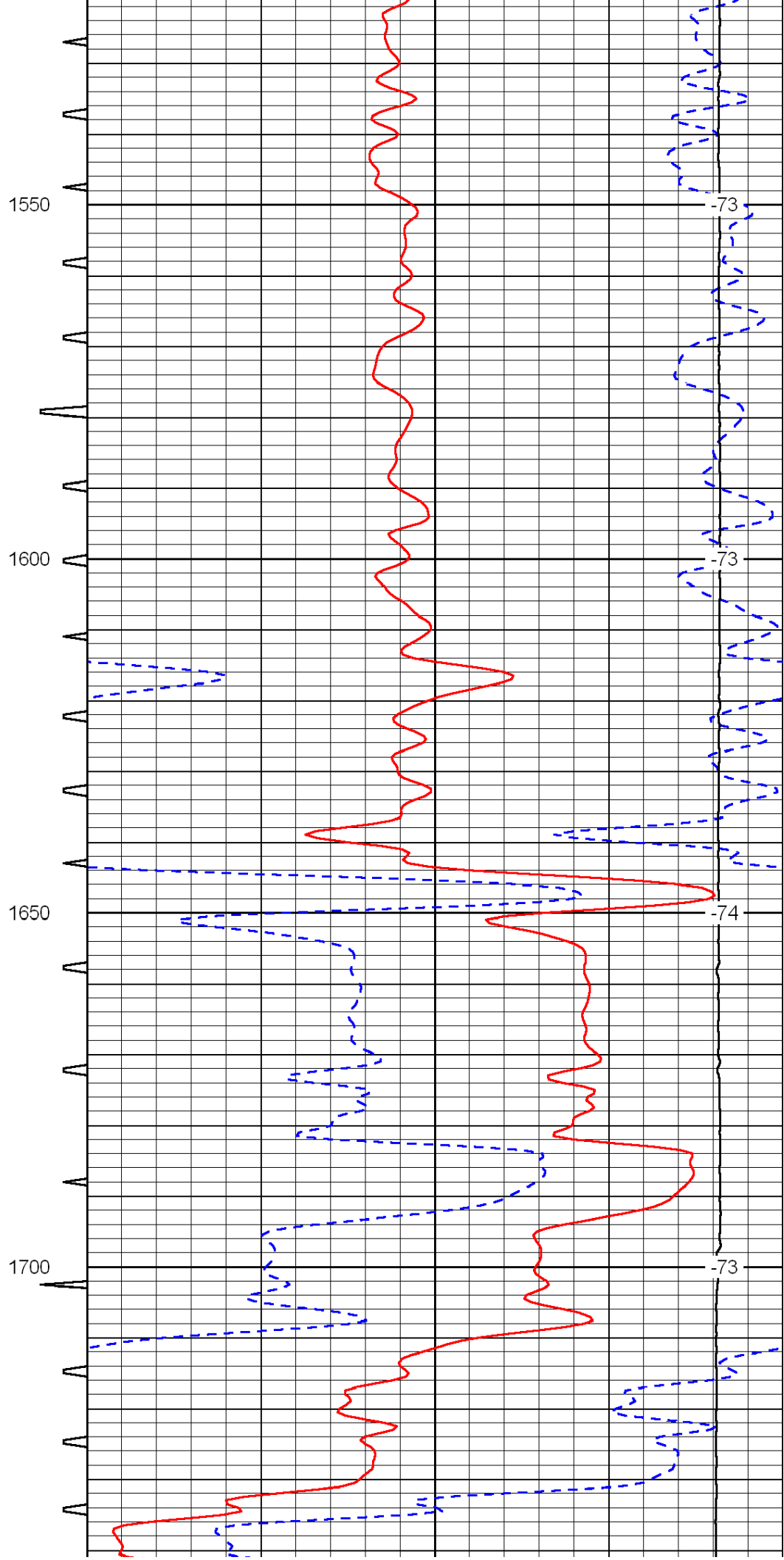
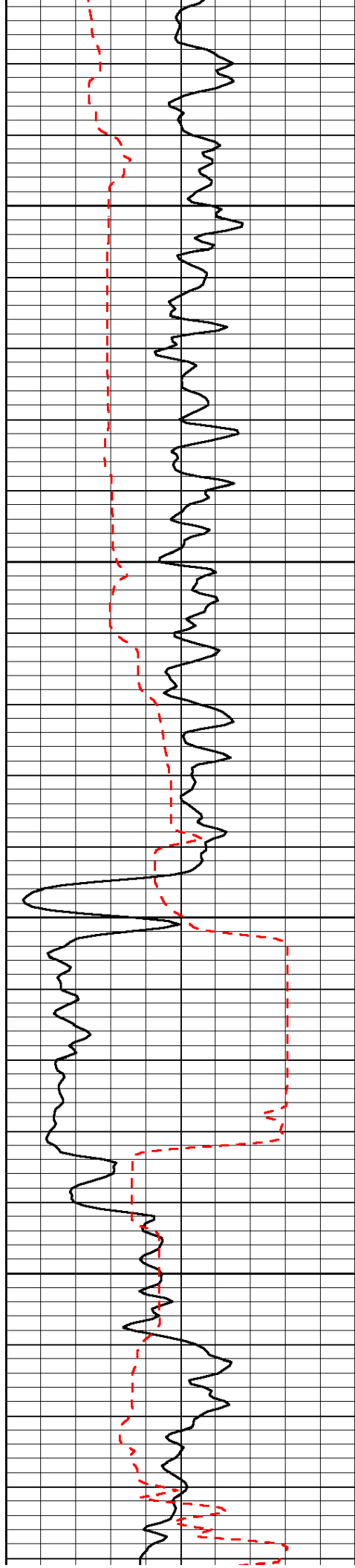


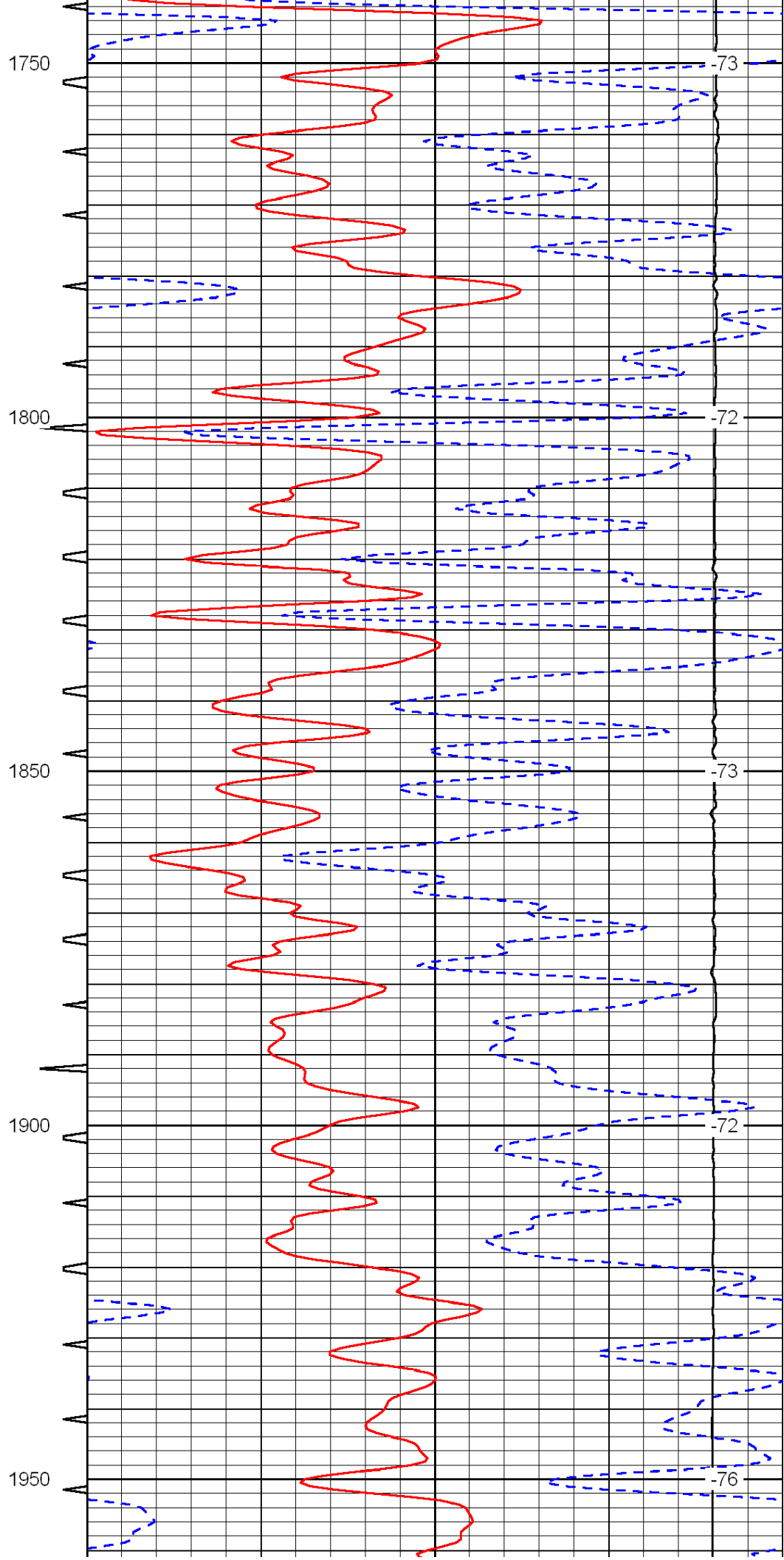
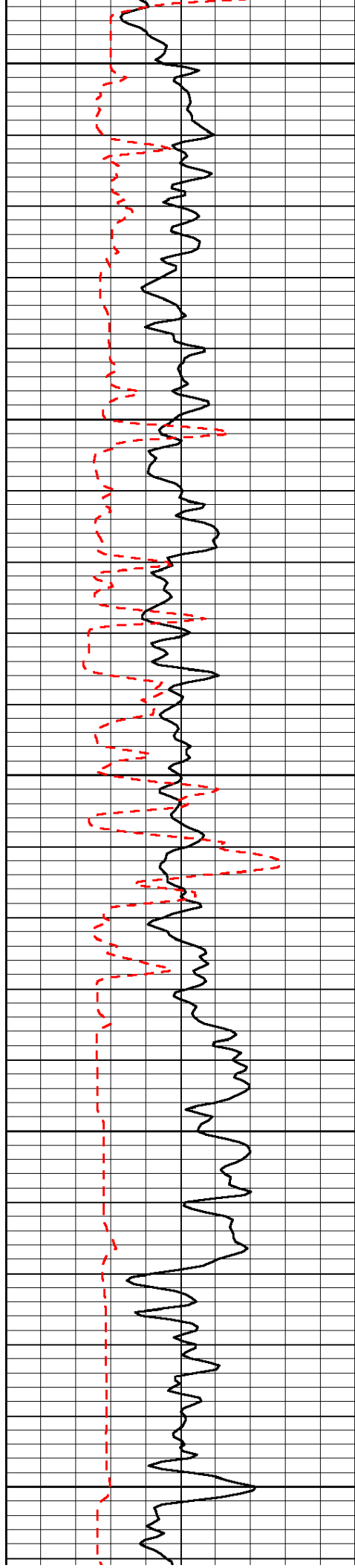


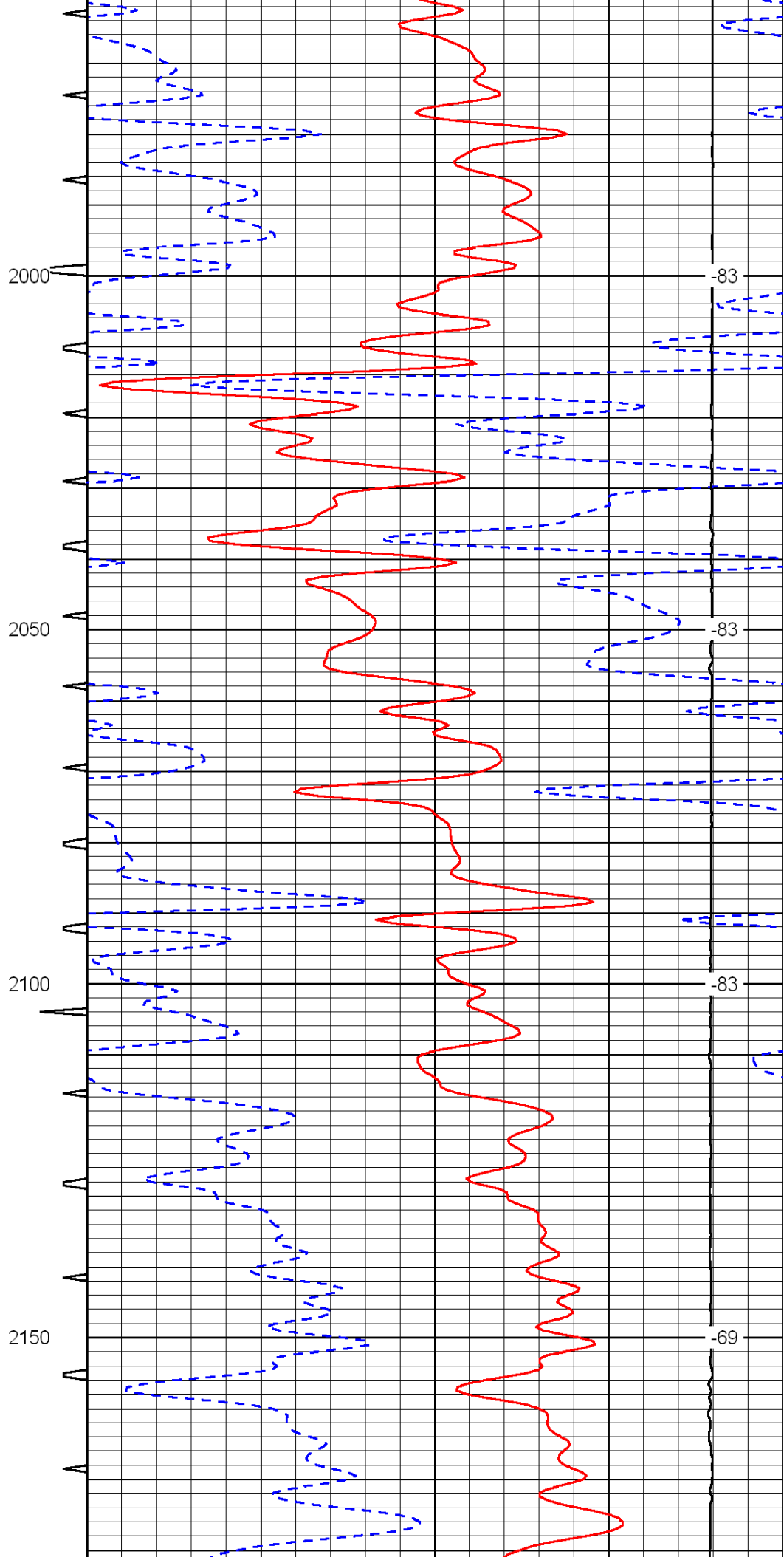
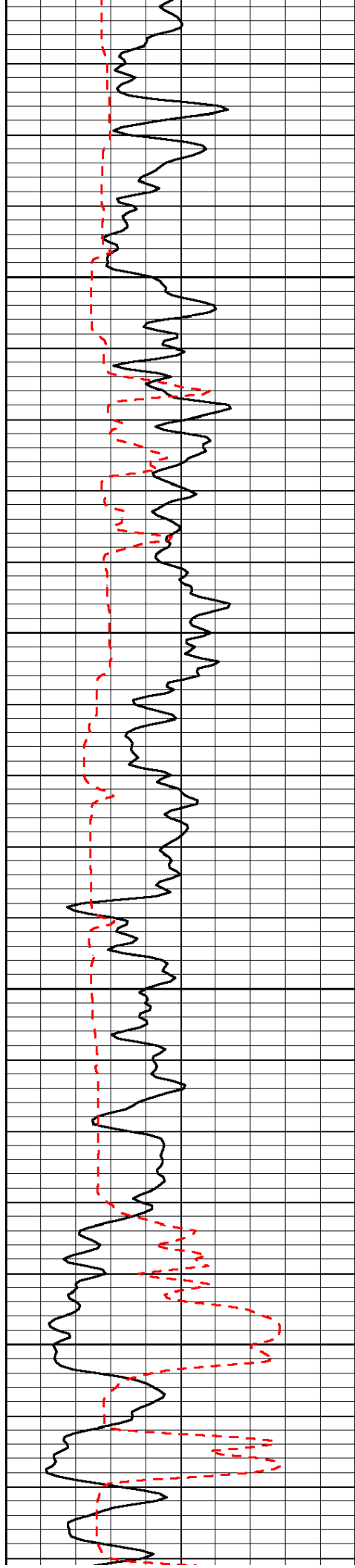


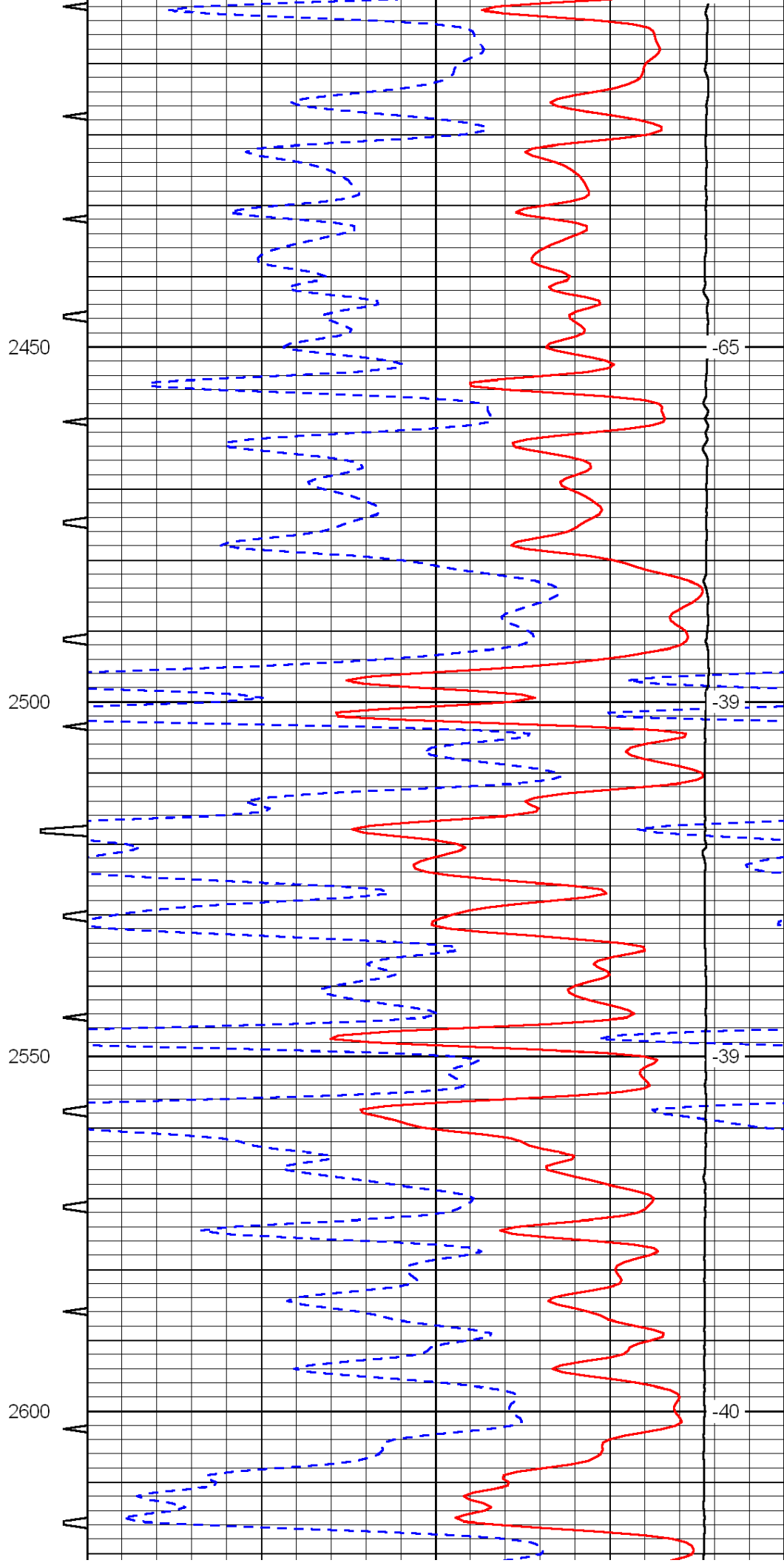
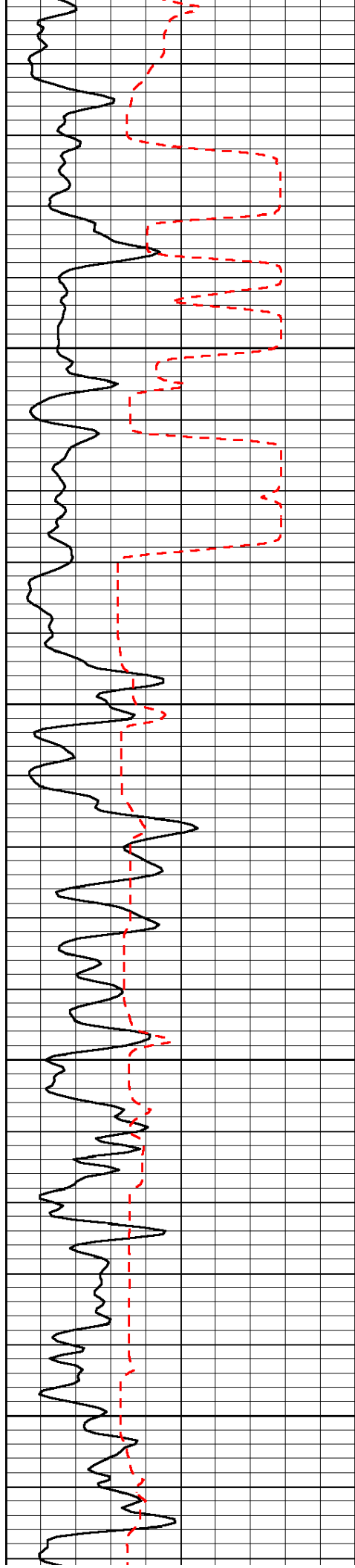


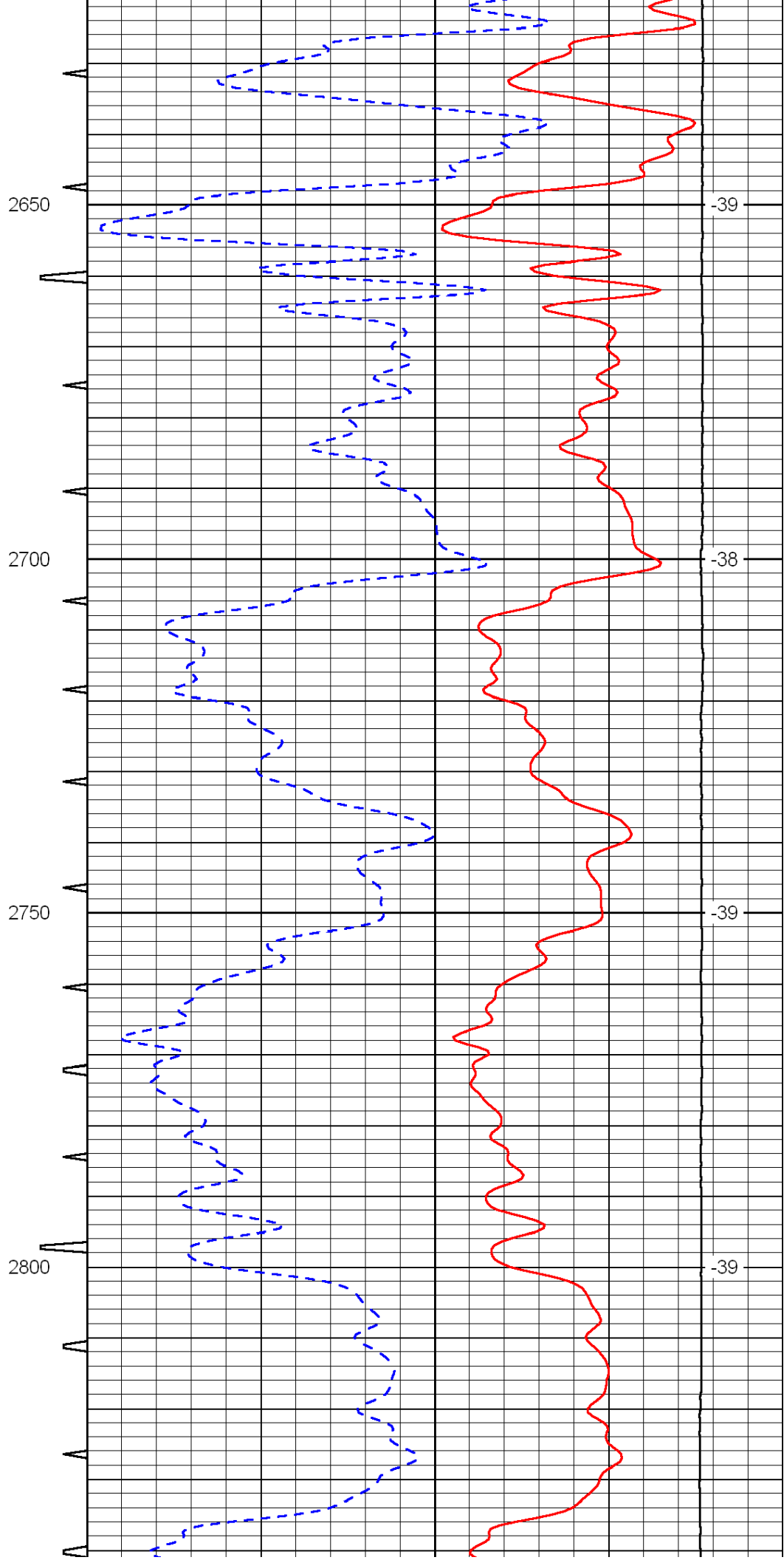
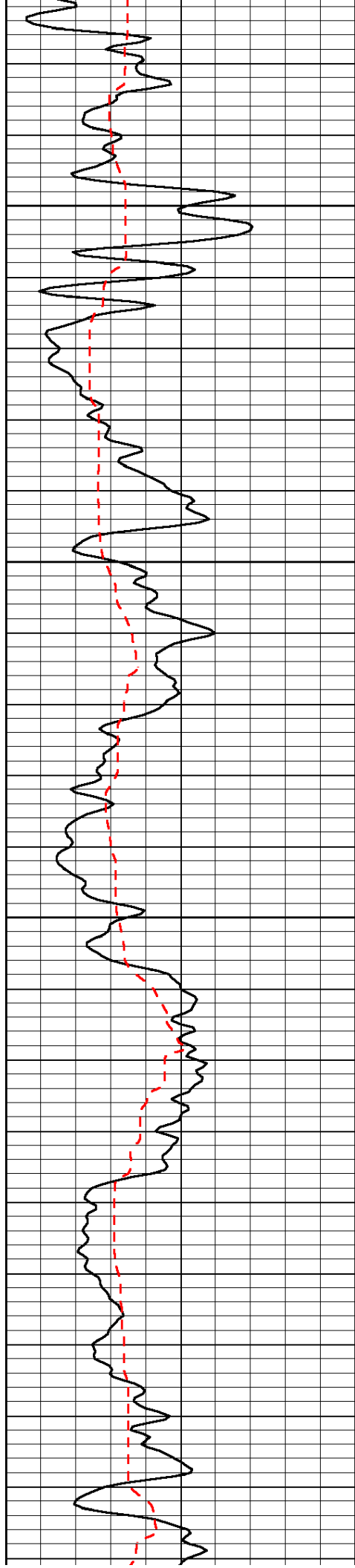


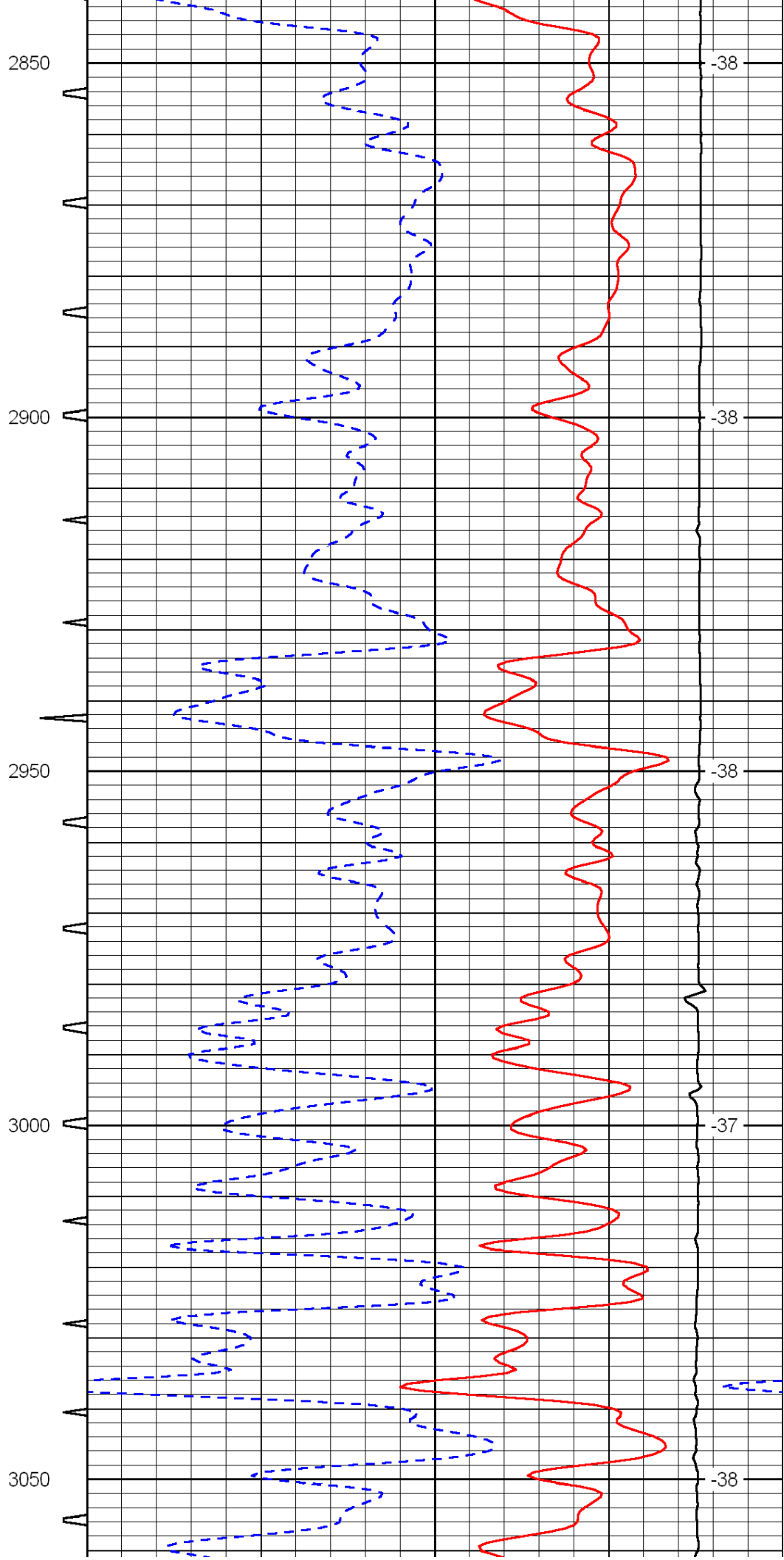
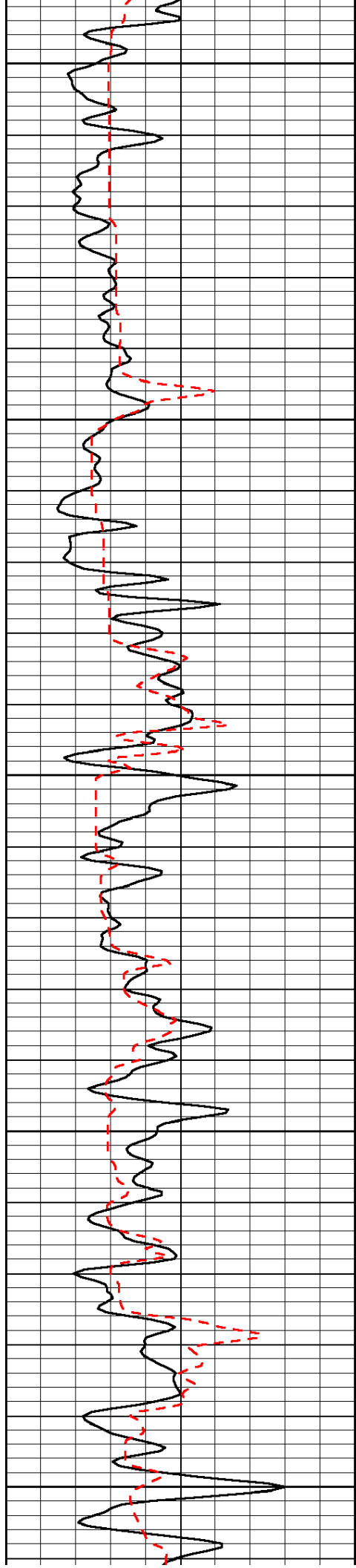


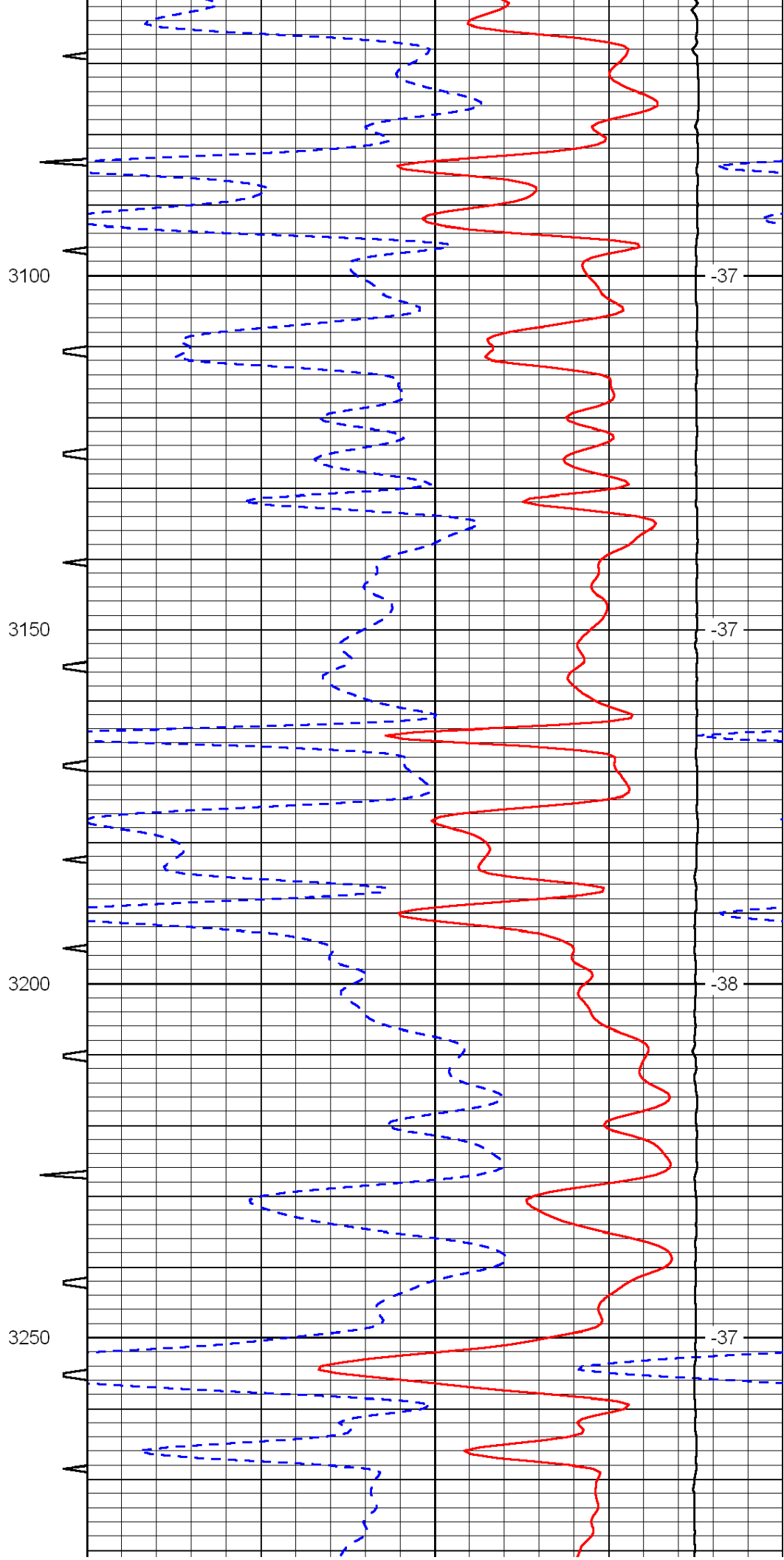
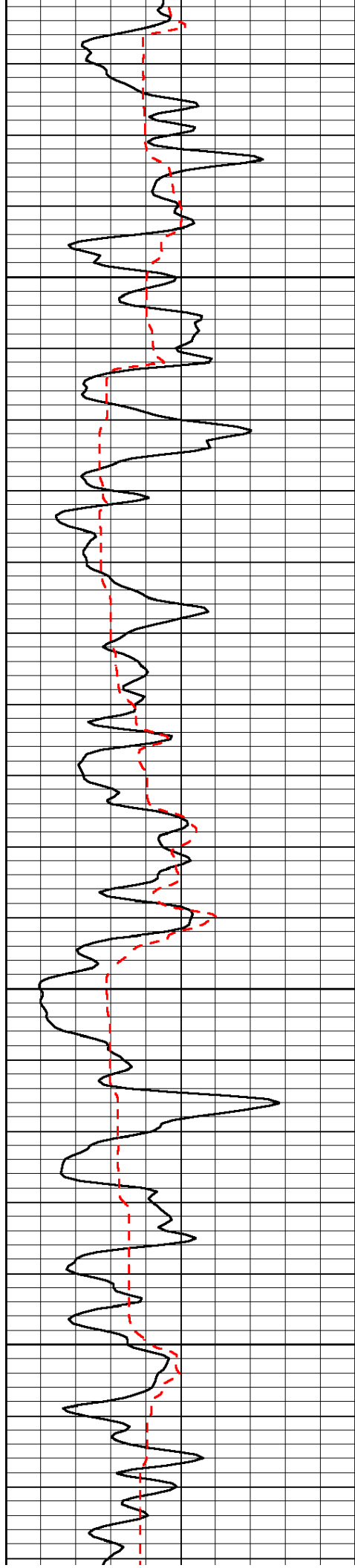


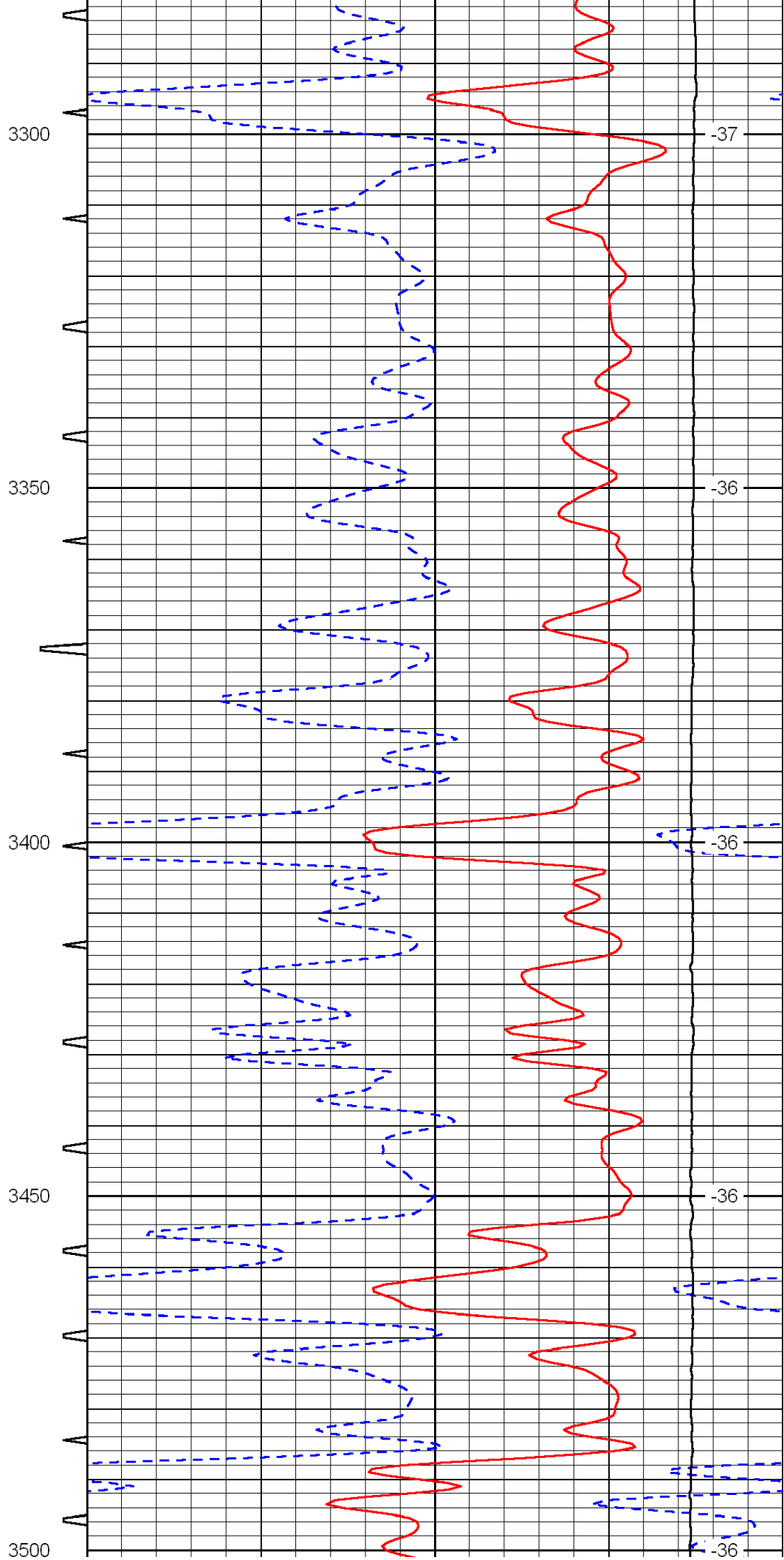
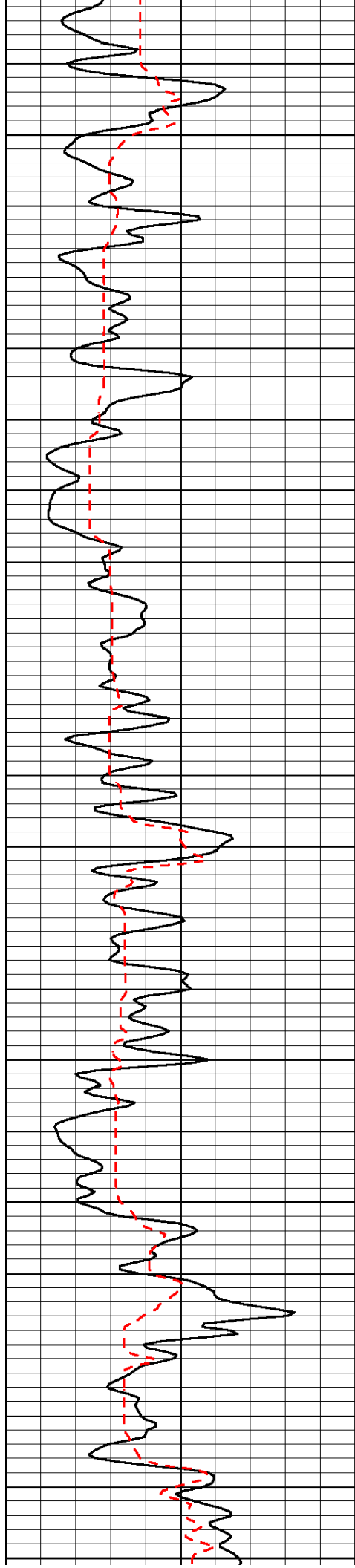


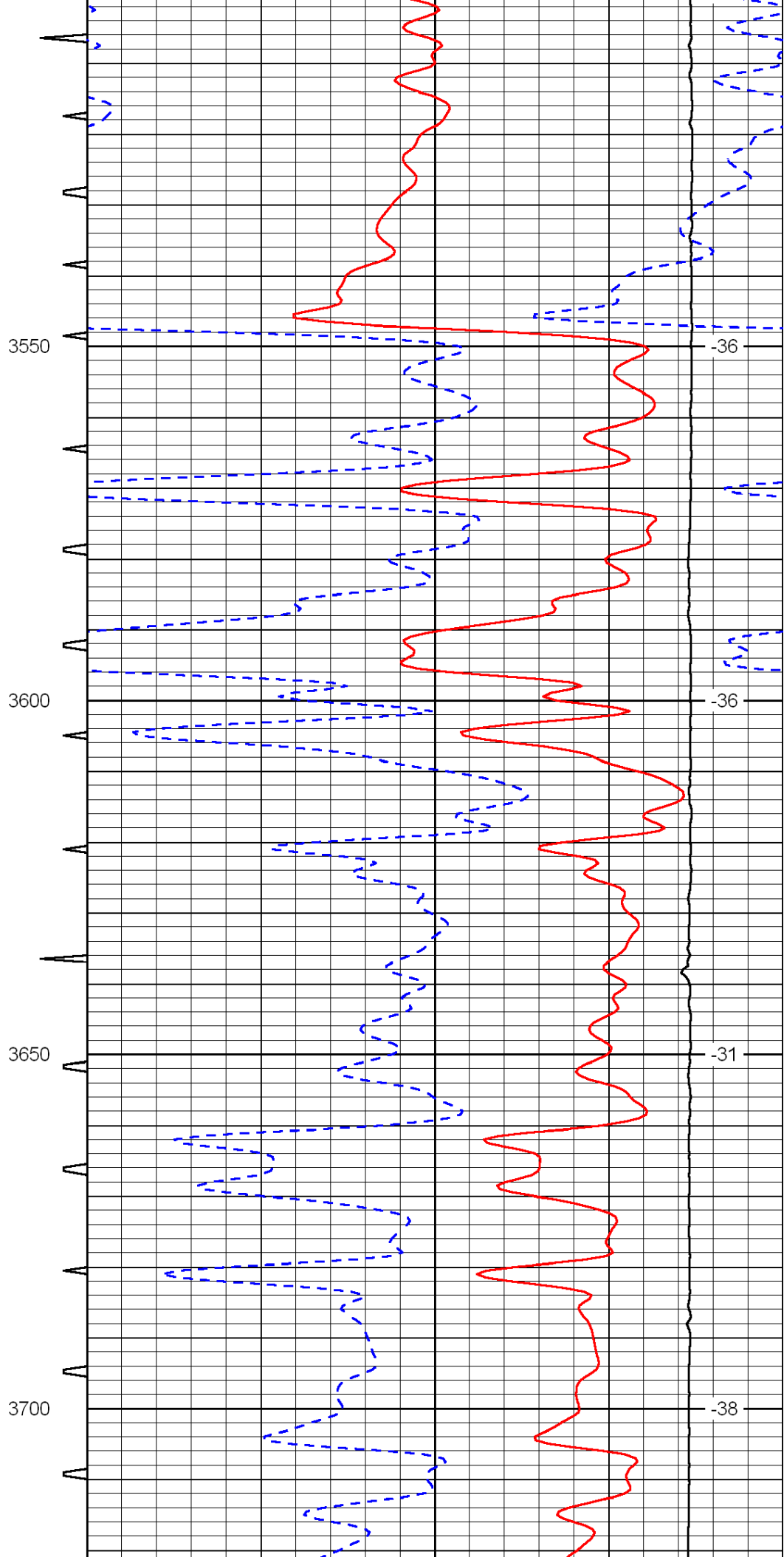
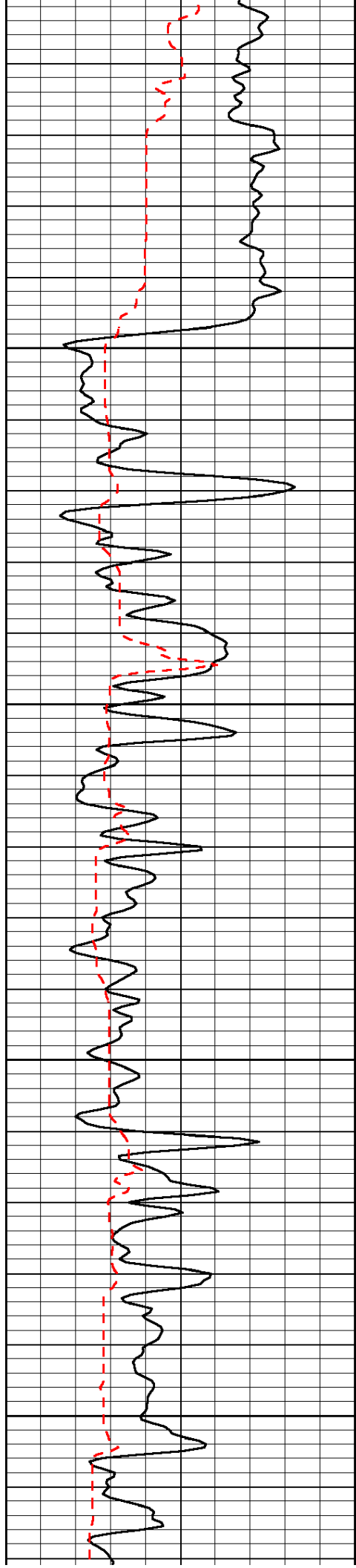


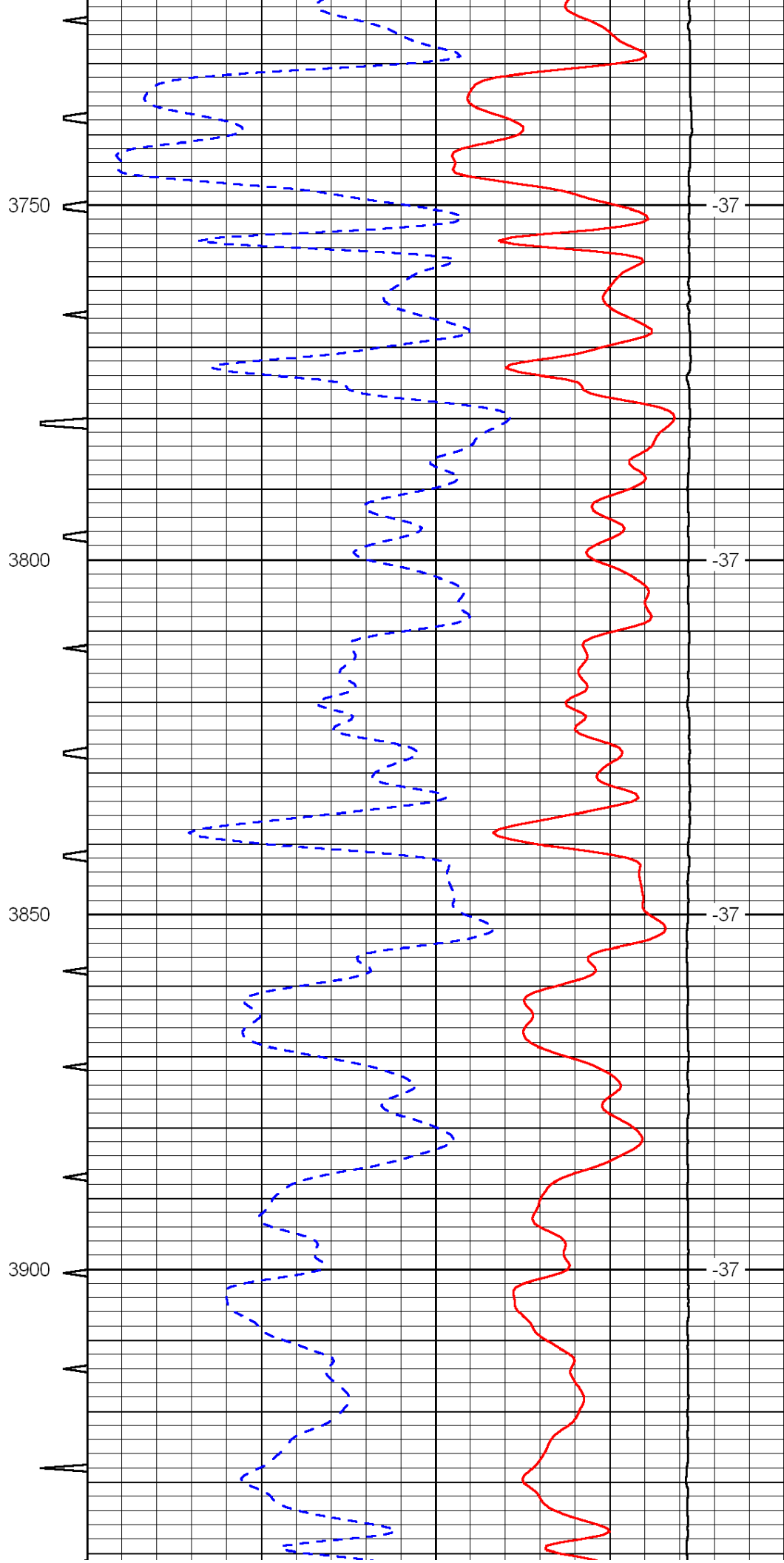
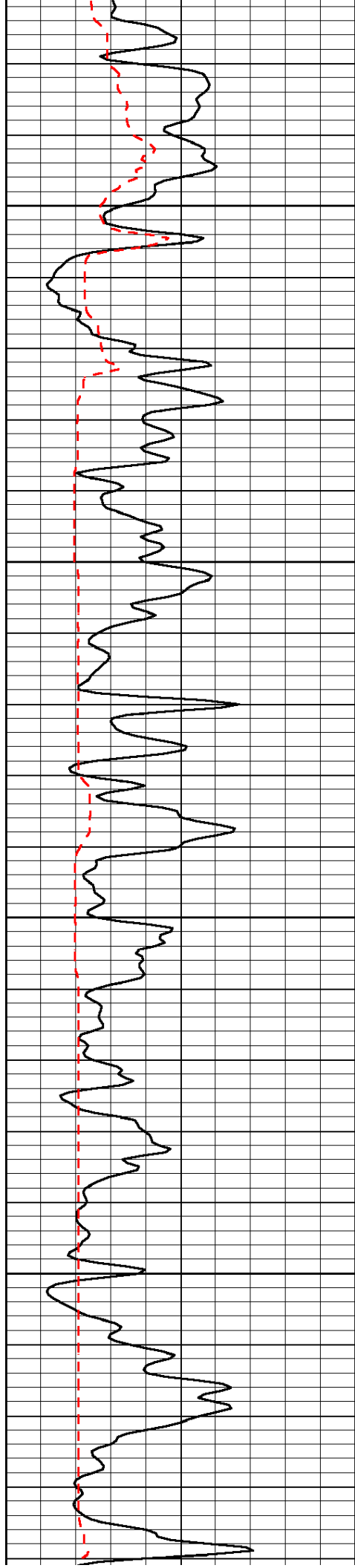


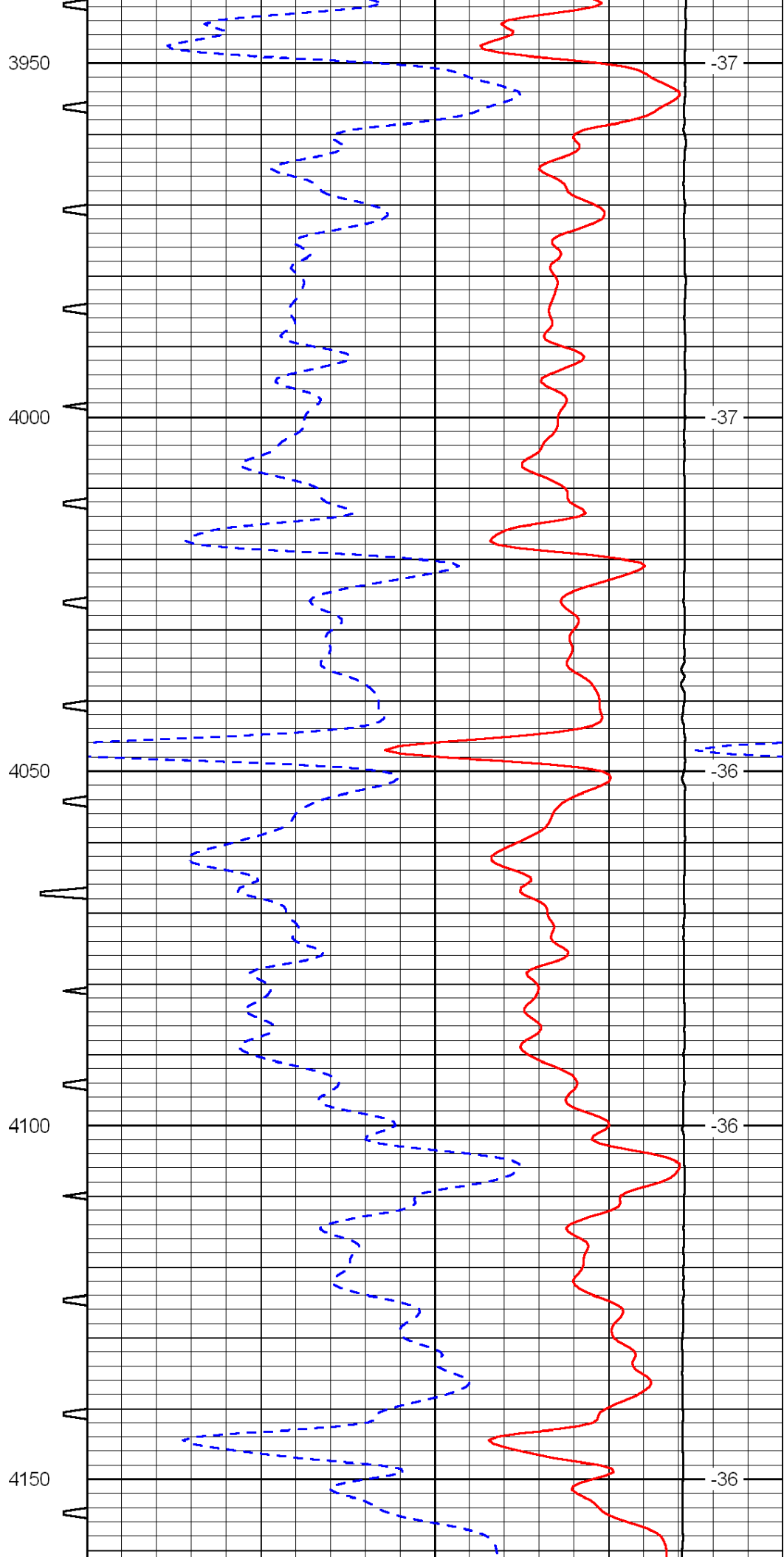
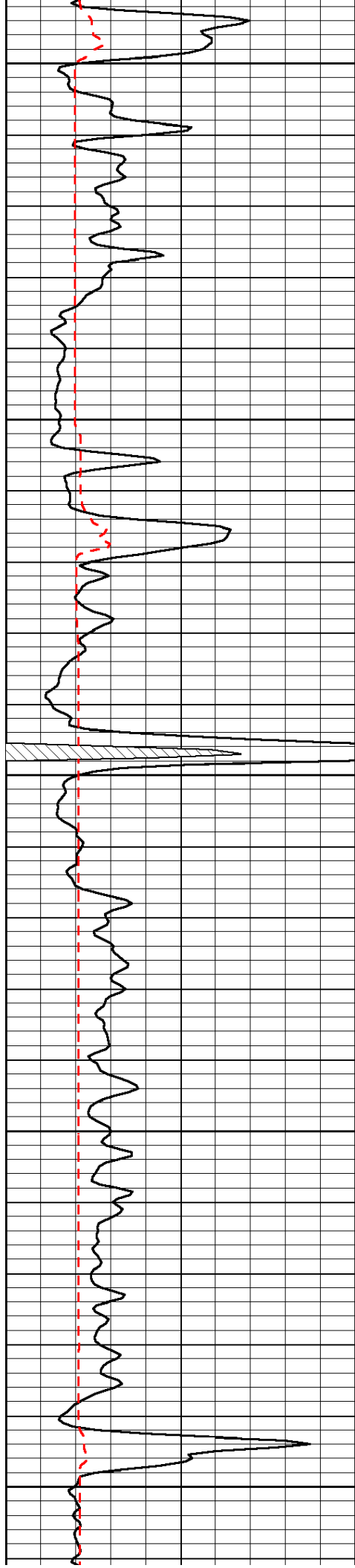


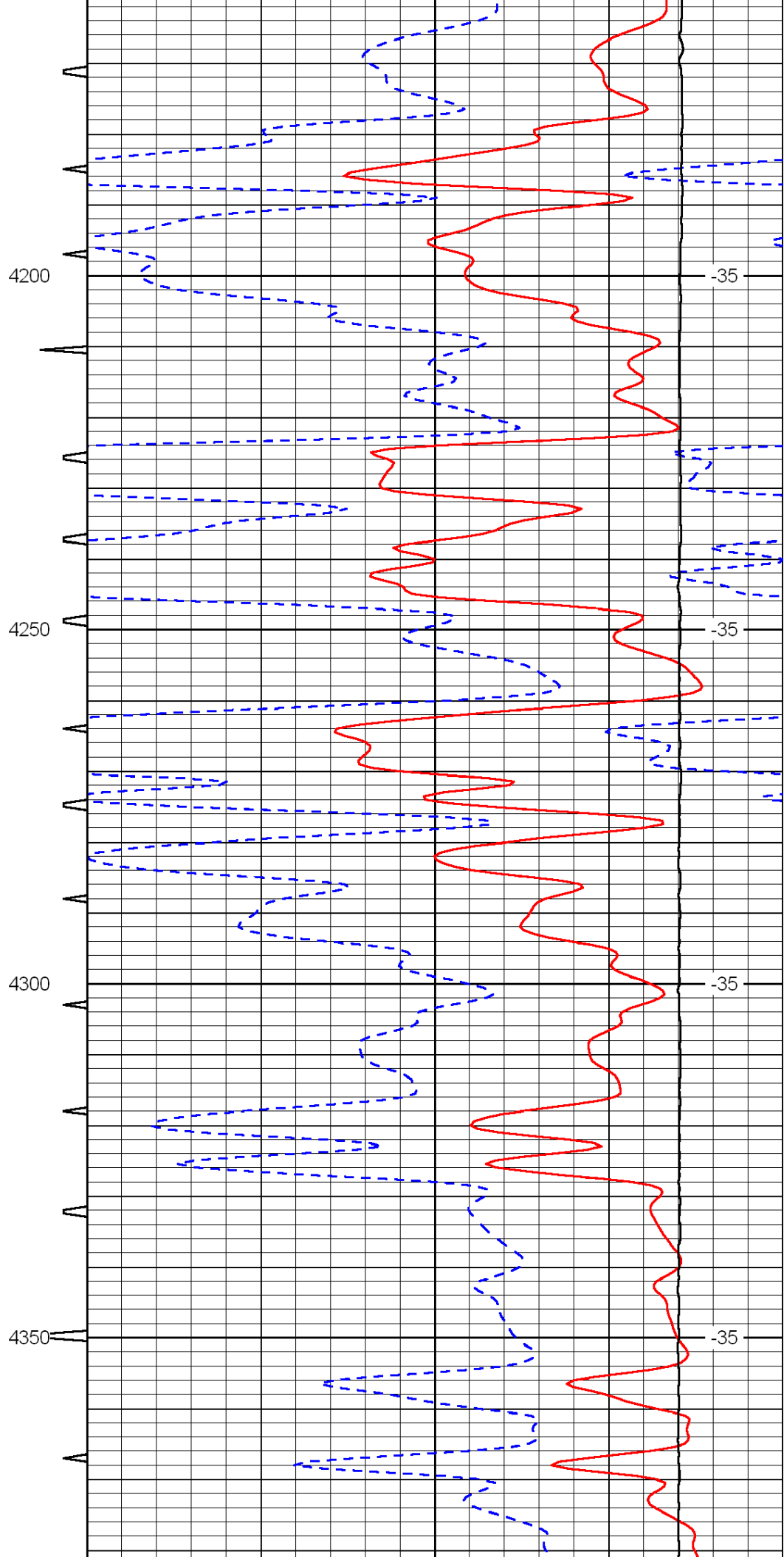
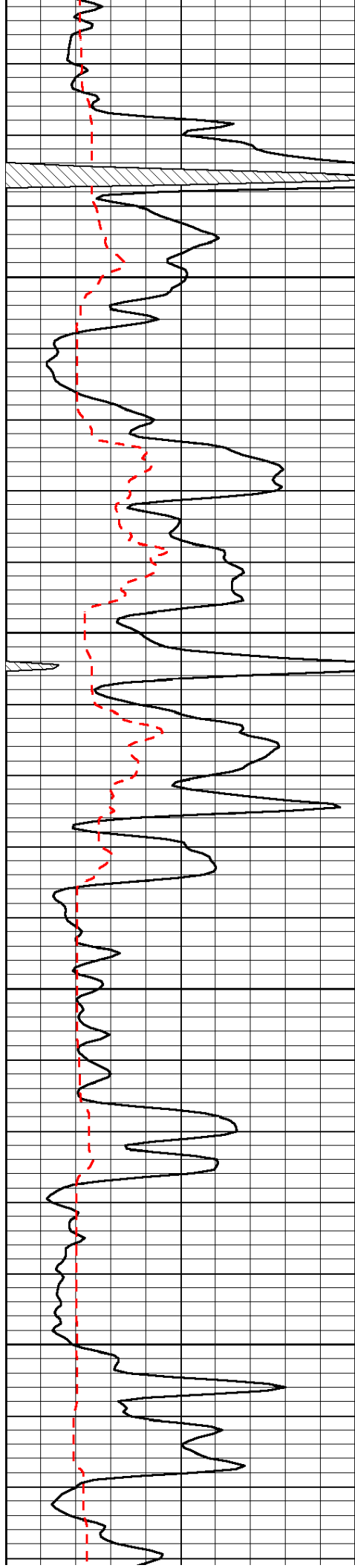


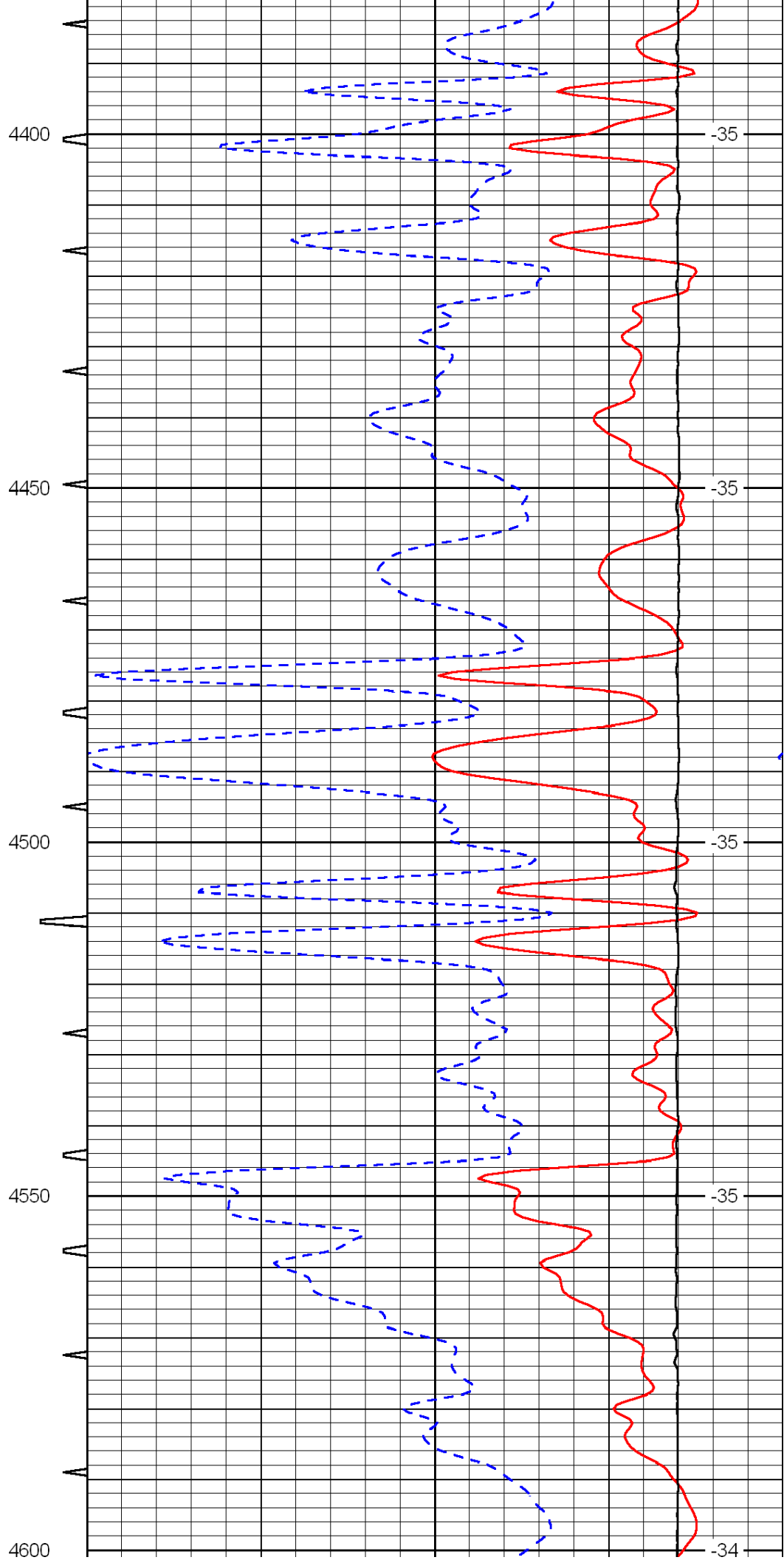
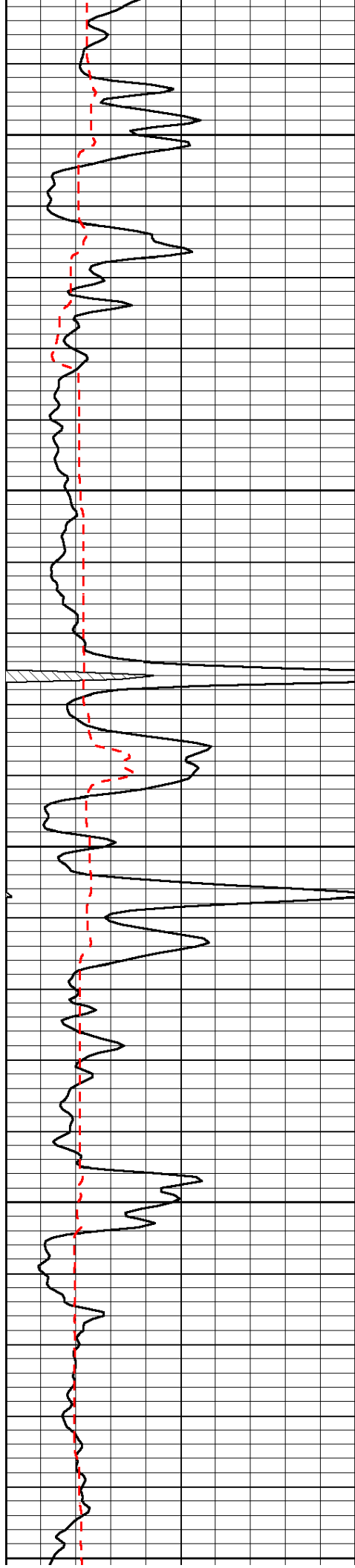


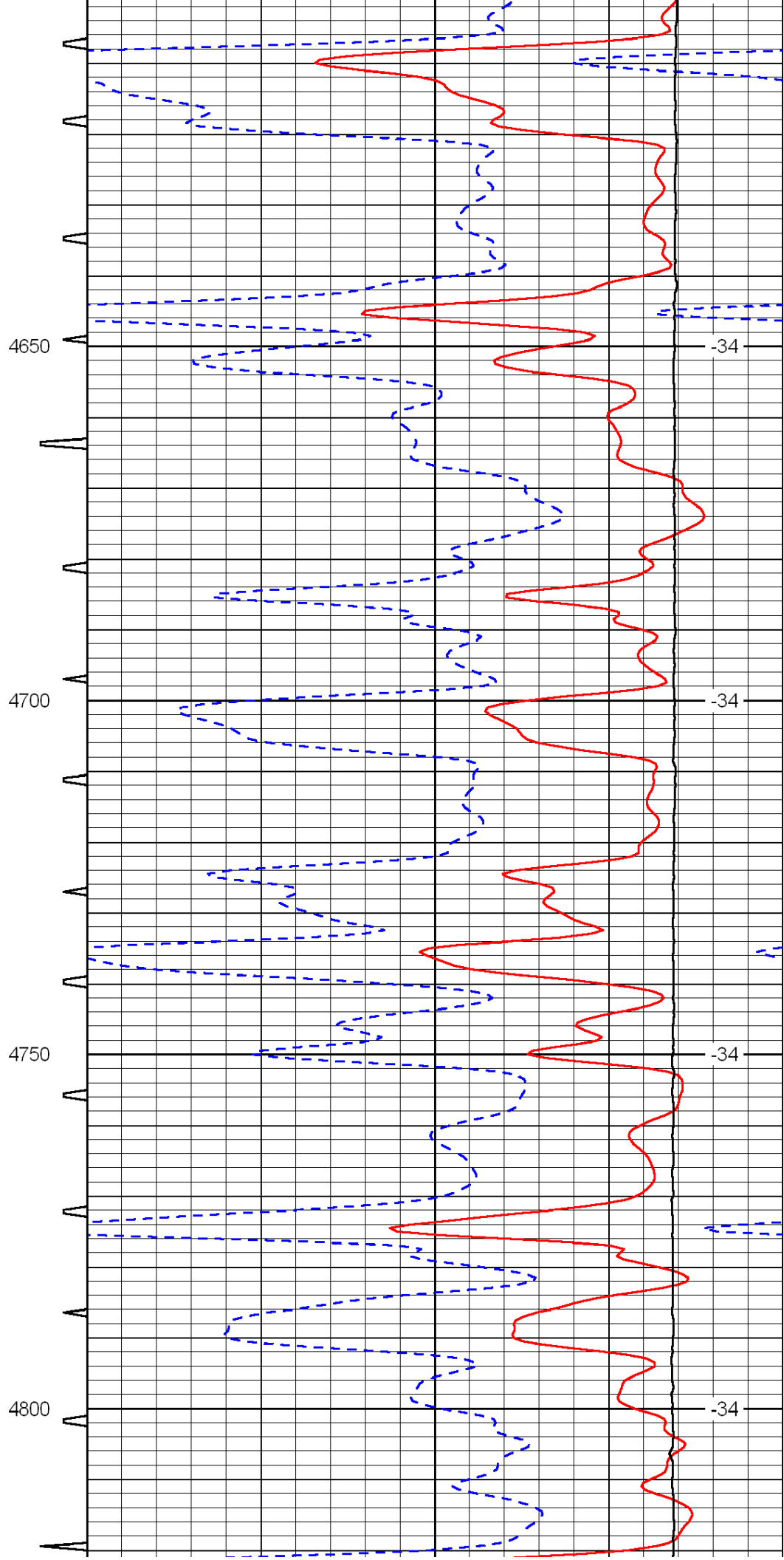
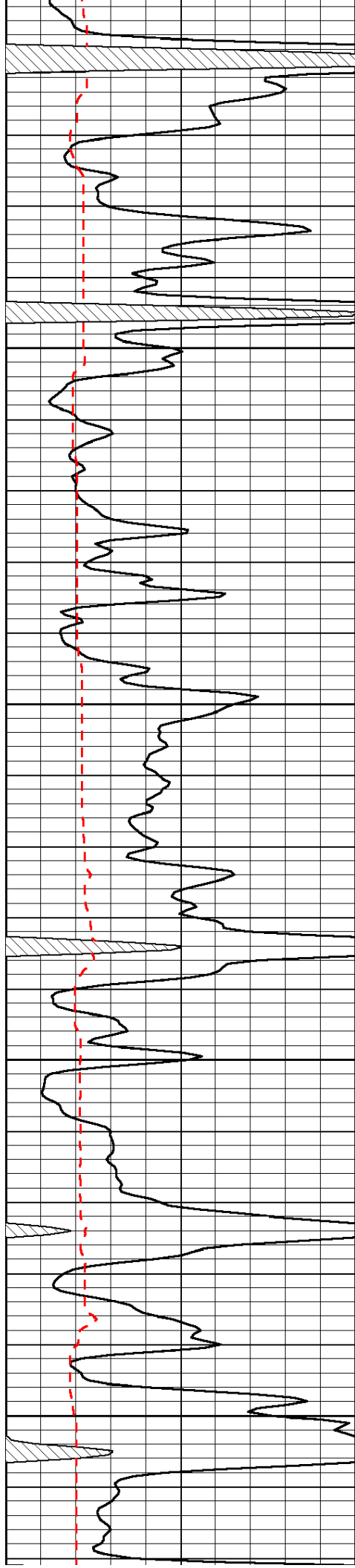


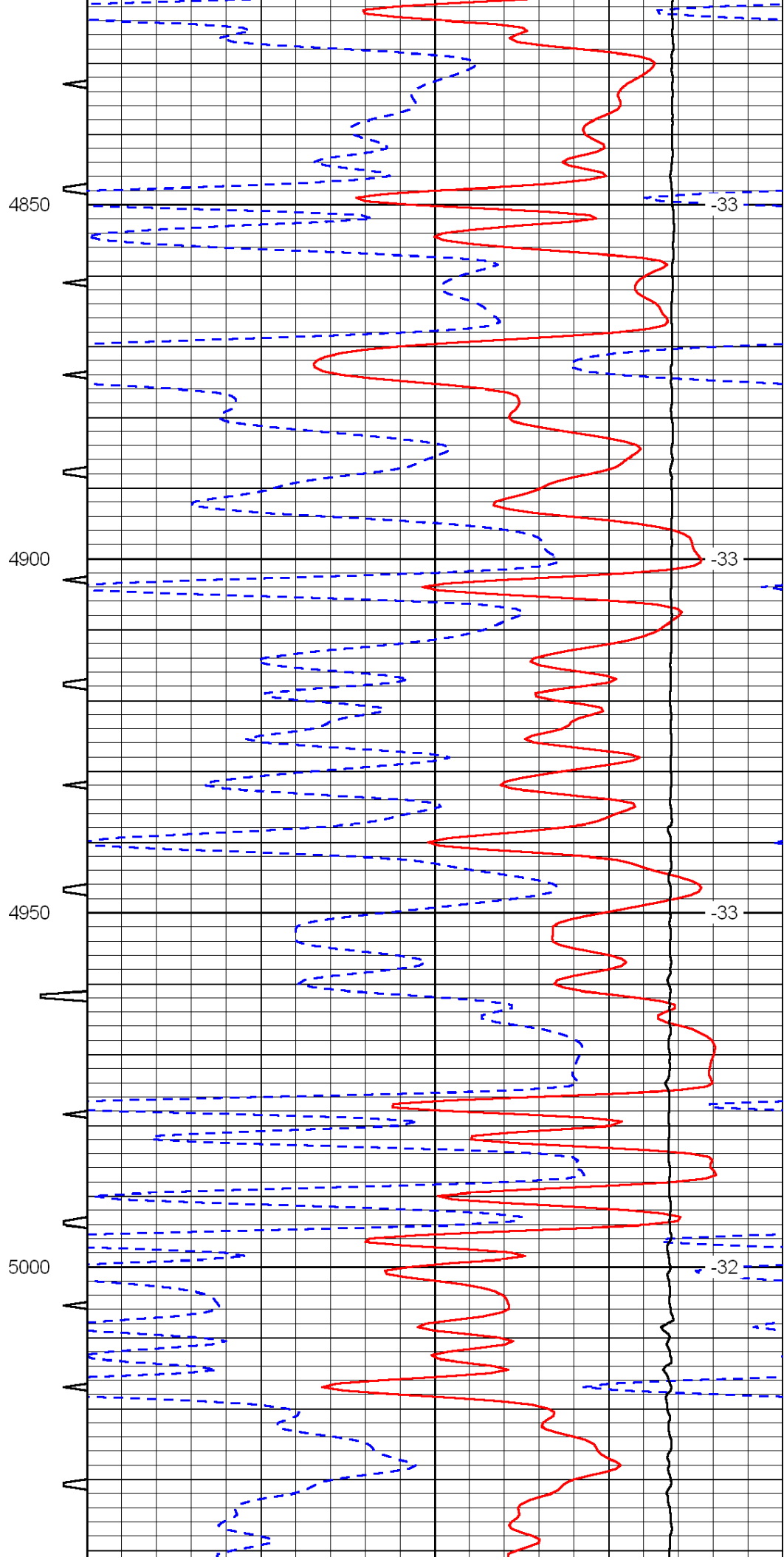
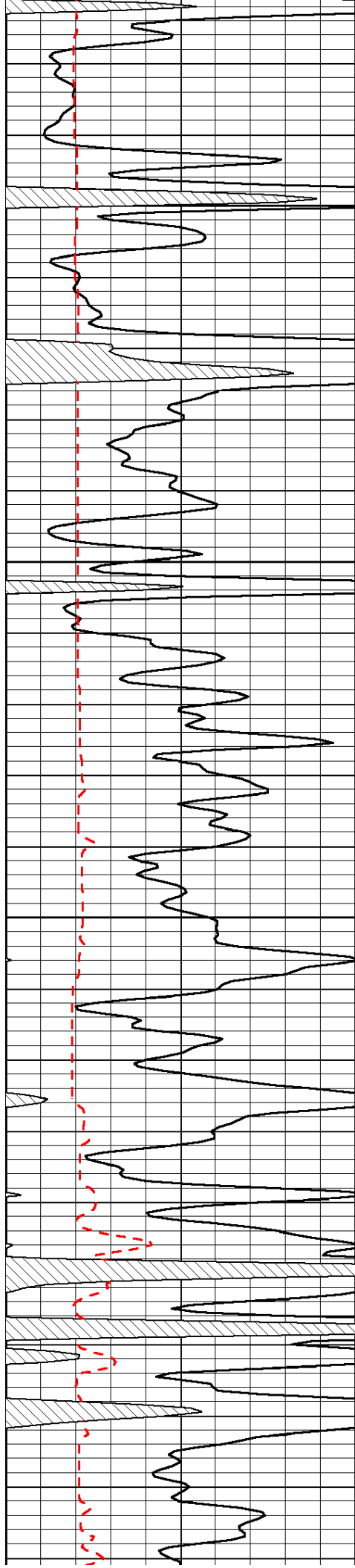


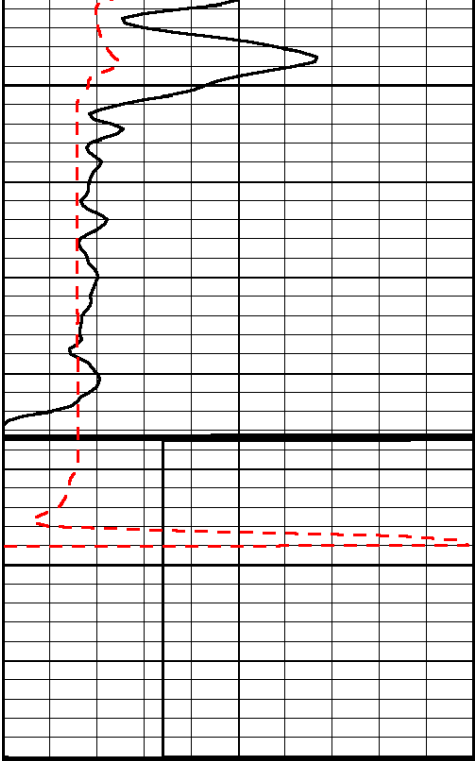




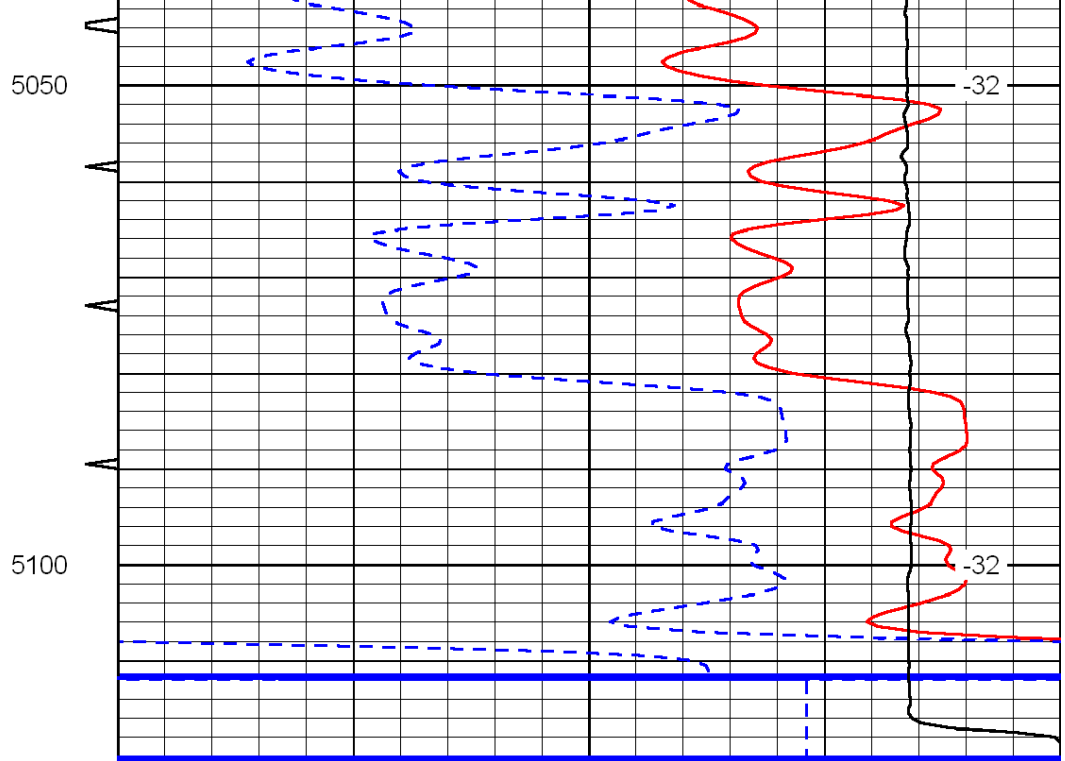








0	Gamma Ray	150
150	Gamma Ray	300
6	Caliper (GAPI)	16



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