



Pioneer Energy Services

Borehole Compensated Sonic Log

15-193-20,924-00-00

API No.

Company **LB Exploration, Inc.**

Well **Beaver Valley Supply 4 #1**

Field **Wildcat**

County **Thomas**

State **Kansas**

Location

**SE SW SE NW
2530' FNL & 1890' FWL**

Other Services
CNL/CDL
MEL/DIL

Sec: 4

Twp: 10S

Rge: 32W

Elevation

Permanent Datum **Ground Level** Elevation **3092**
Log Measured From **Kelly Bushing** 13 Ft. Above Perm. Datum
Drilling Measured From **Kelly Bushing**

K.B. 3105
D.F.
G.L. 3092

Date **7/8/2014**

Run Number **Two**

Type Log **BHC Sonic**

Depth Driller **4820**

Depth Logger **4818**

Bottom Logged Interval **4808**

Top Logged Interval **300**

Type Fluid In Hole **Chemical**

Salinity, PPM CL **750**

Density **9.4**

Level **Full**

Max. Rec. Temp. F **124**

Operating Rig Time **5 Hours**

Equipment -- Location **15 Days**

Recorded By **D Kerr**

Witnessed By **Steven Petermann**

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

1 12.25

00

340

8.625

24#

00

340

<<< 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.

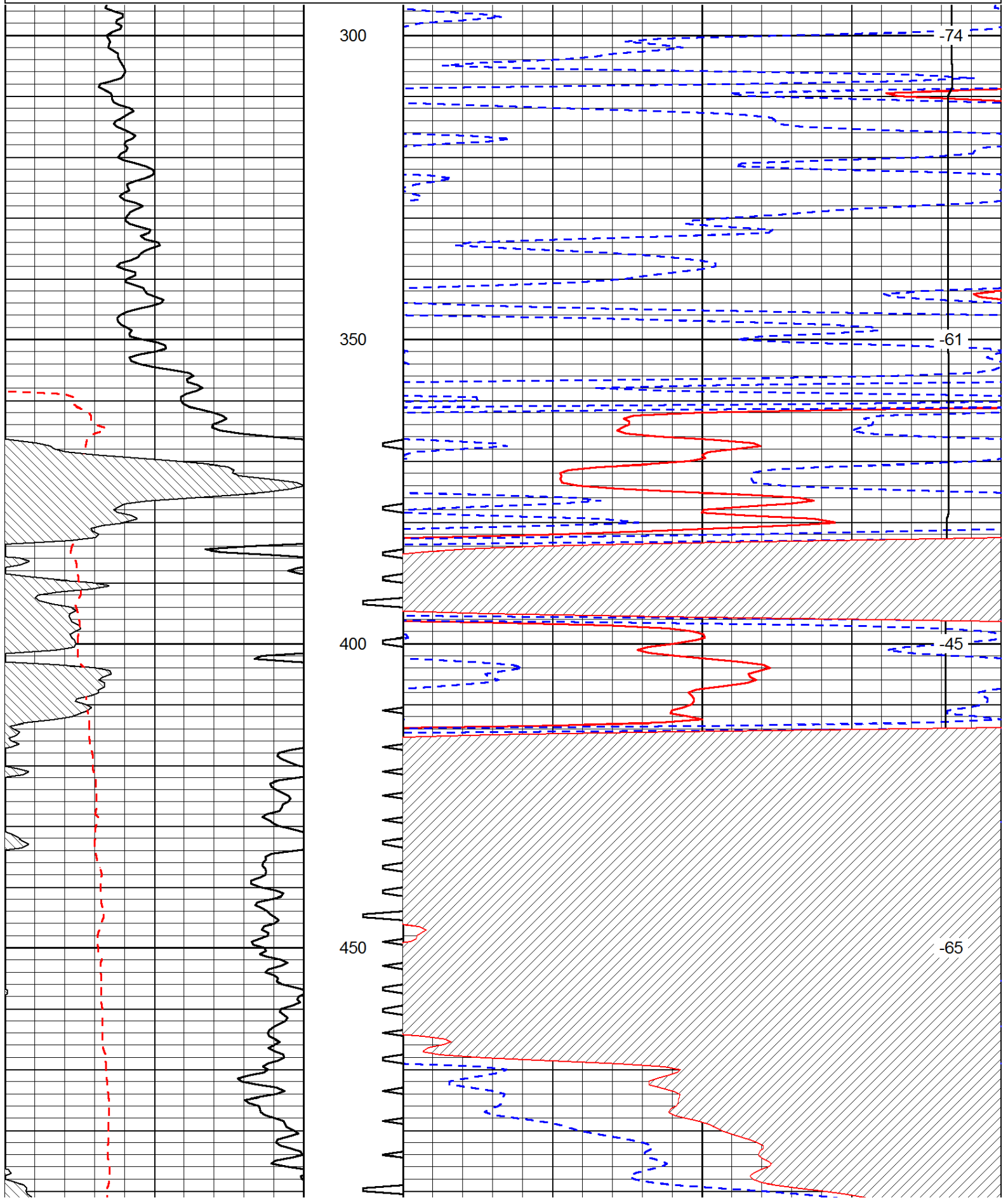
Comments

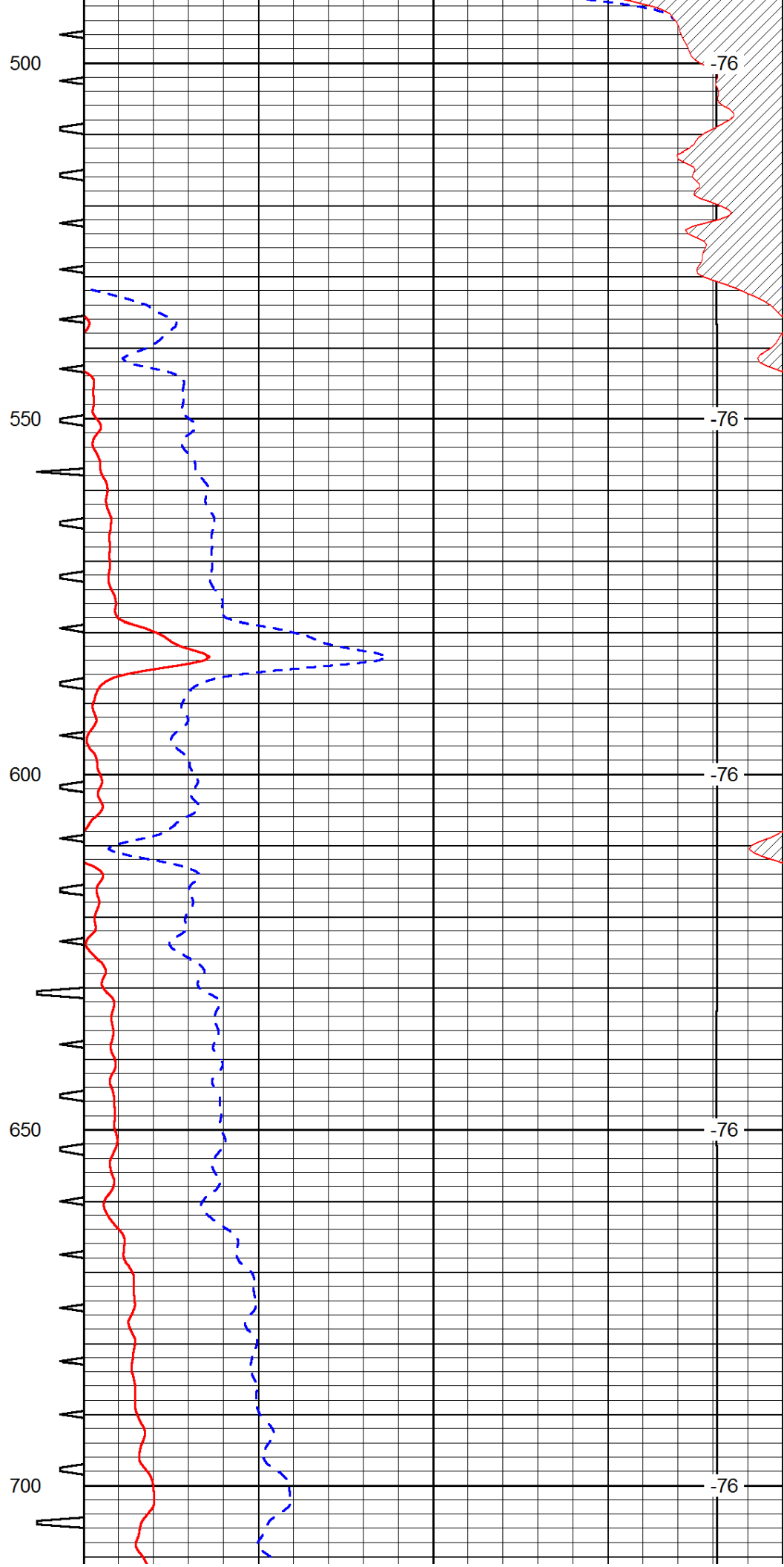
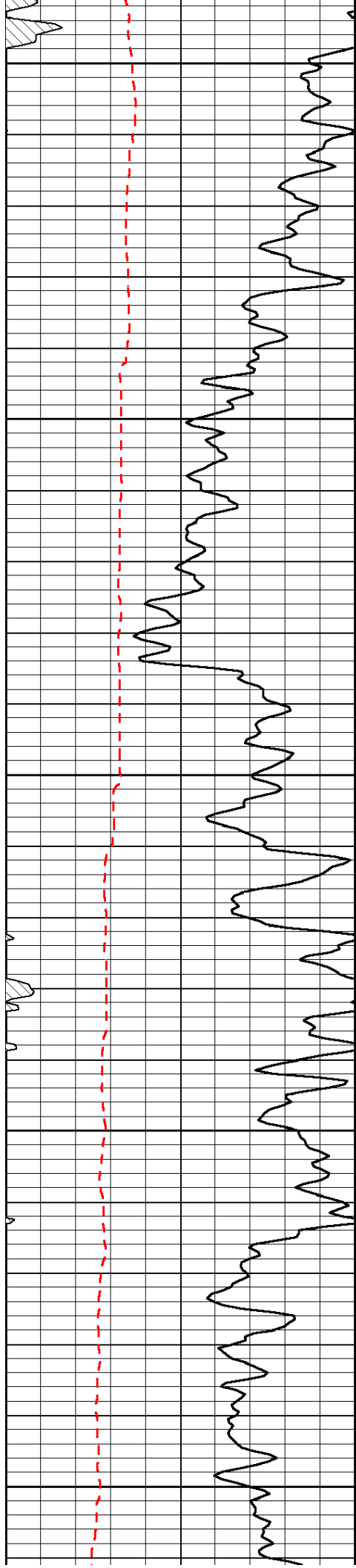
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

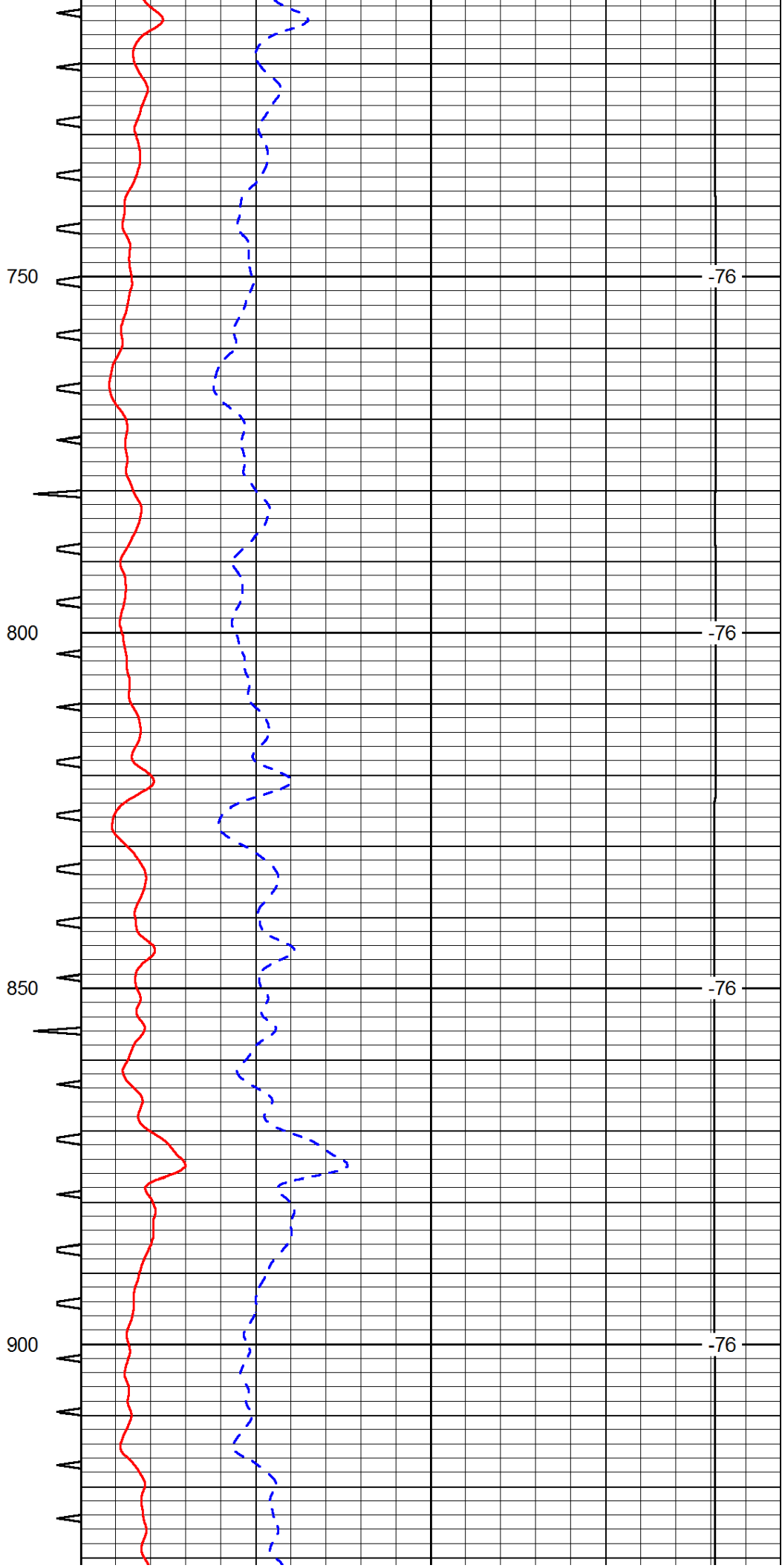
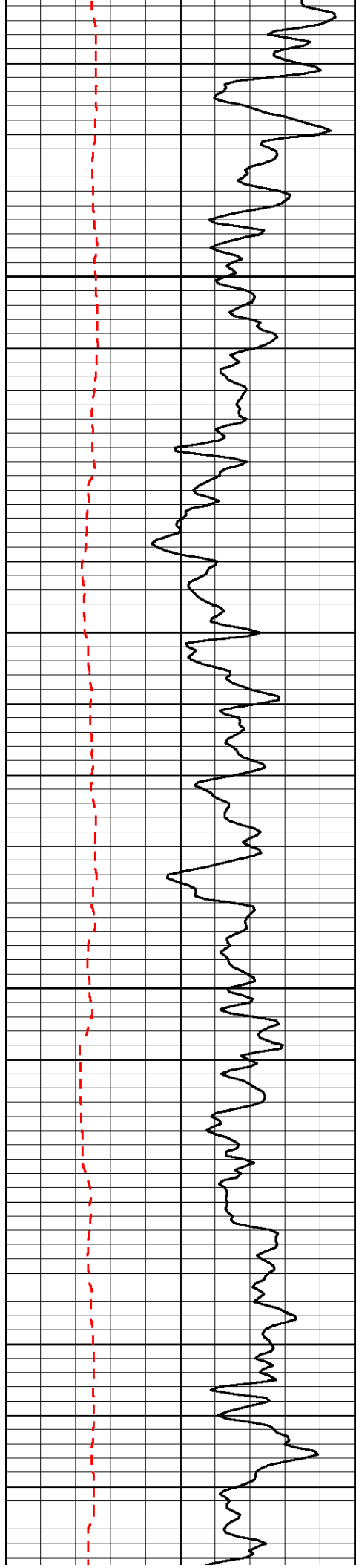
Oakley KS, Exit 70, 1 1/2 North to F RD,
3 West to 27.5 RD, 3/4 North West Into

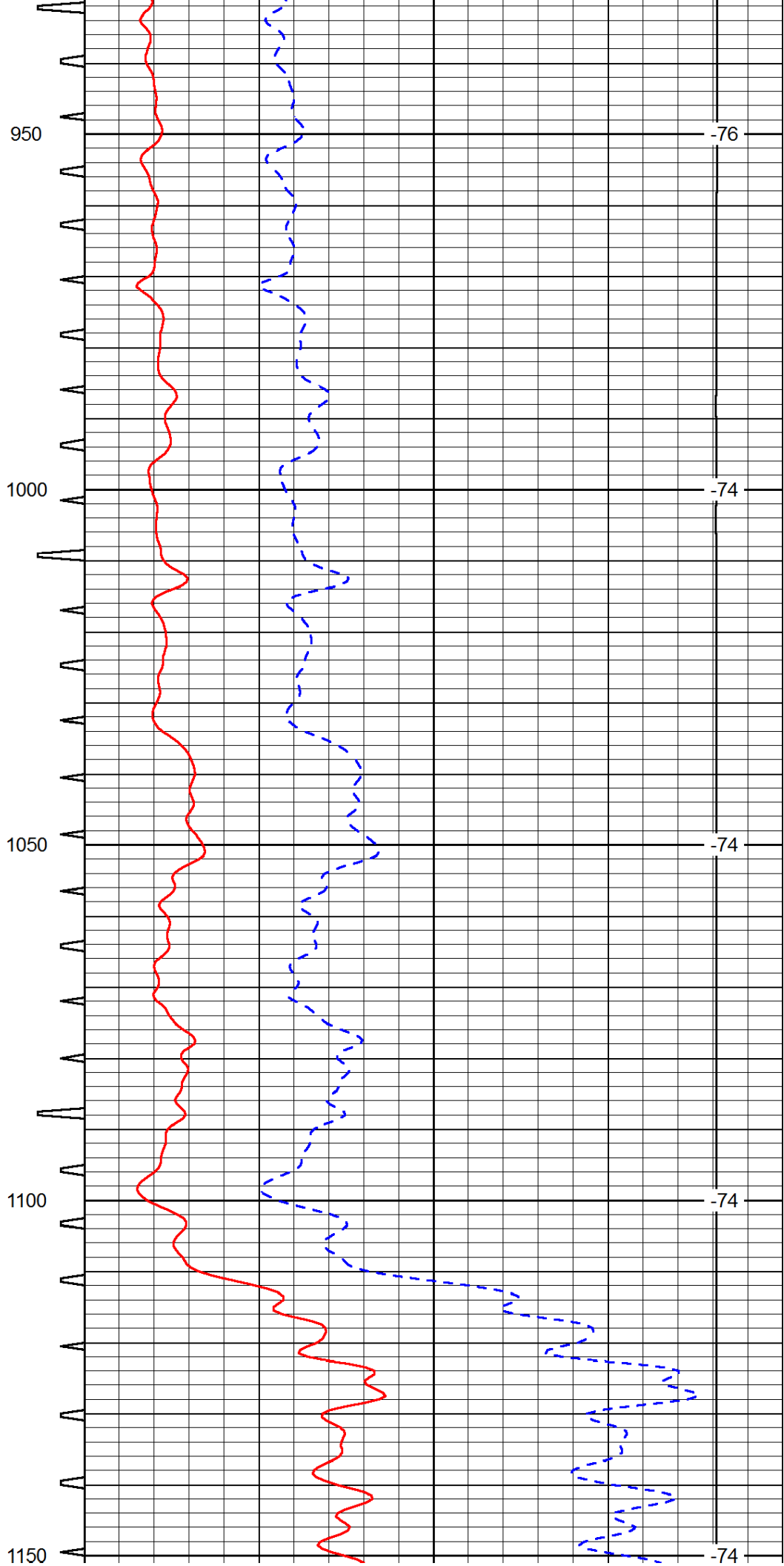
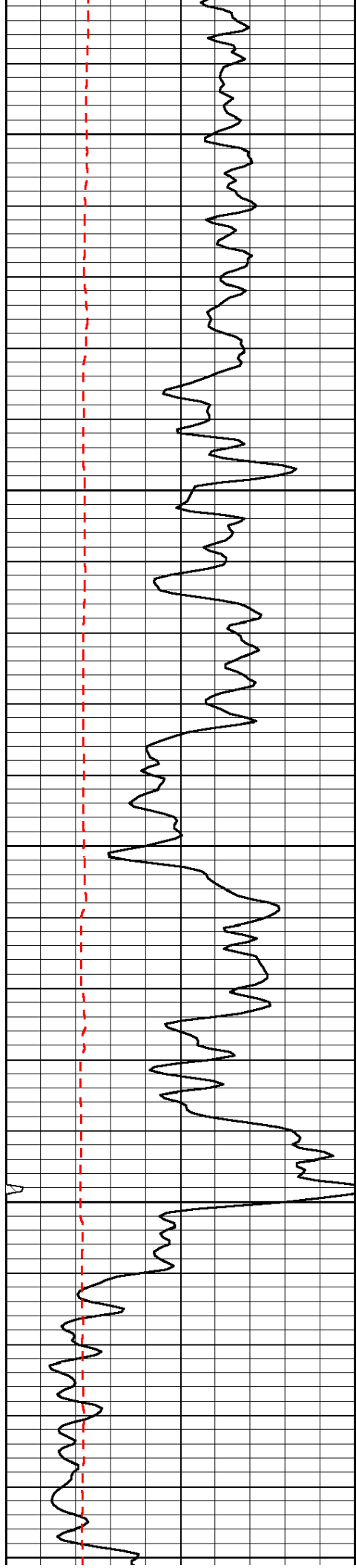
Database File: c:\warrior\data\lb exp_beaver valley supply 4 #1\lbexp_beavervalleysupply4_1hd.db
Dataset Pathname: DIL\lbstk
Presentation Format: sonic
Dataset Creation: Tue Jul 08 04:31:28 2014
Charted by: Depth in Feet scaled 1:240

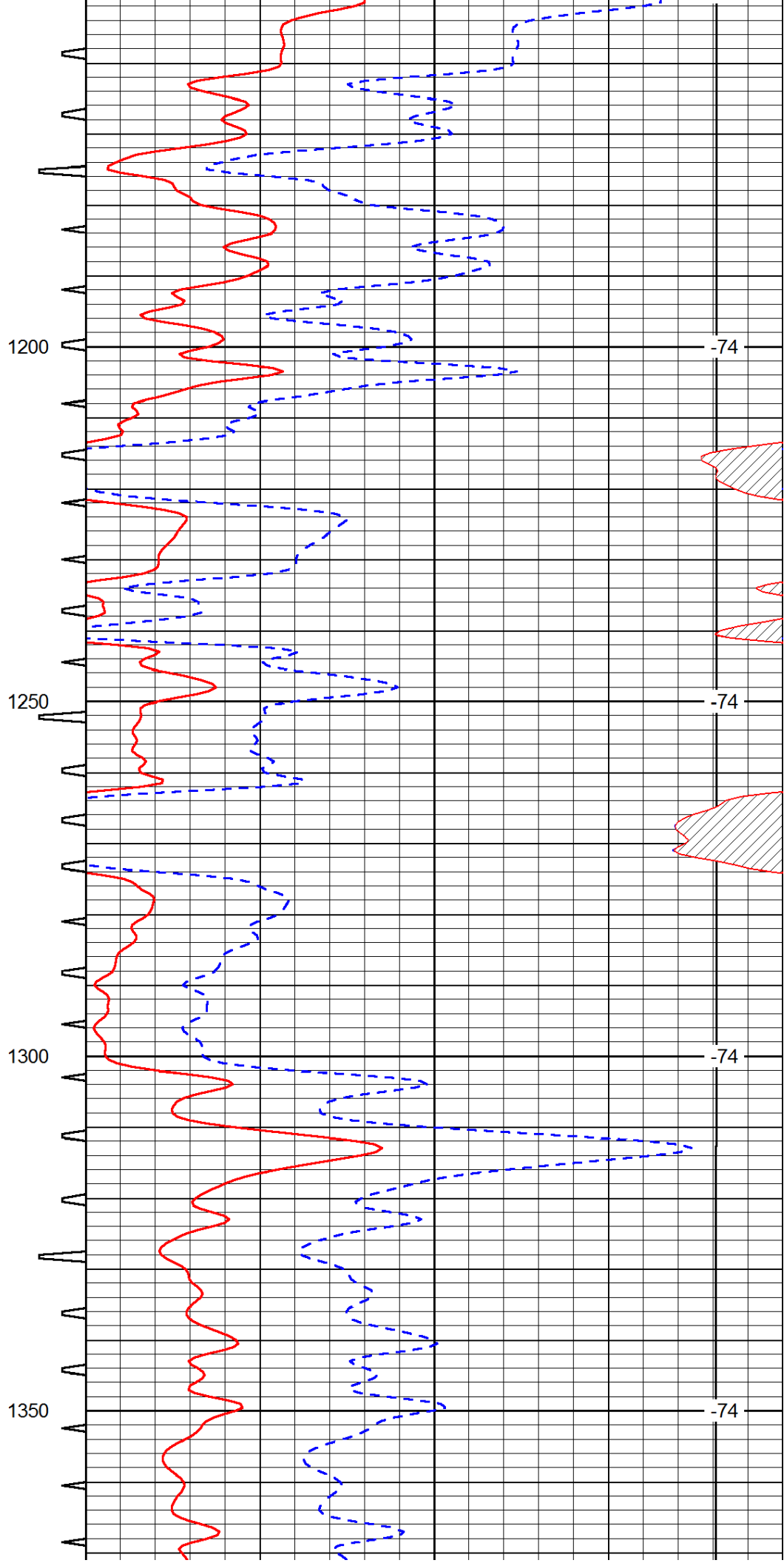
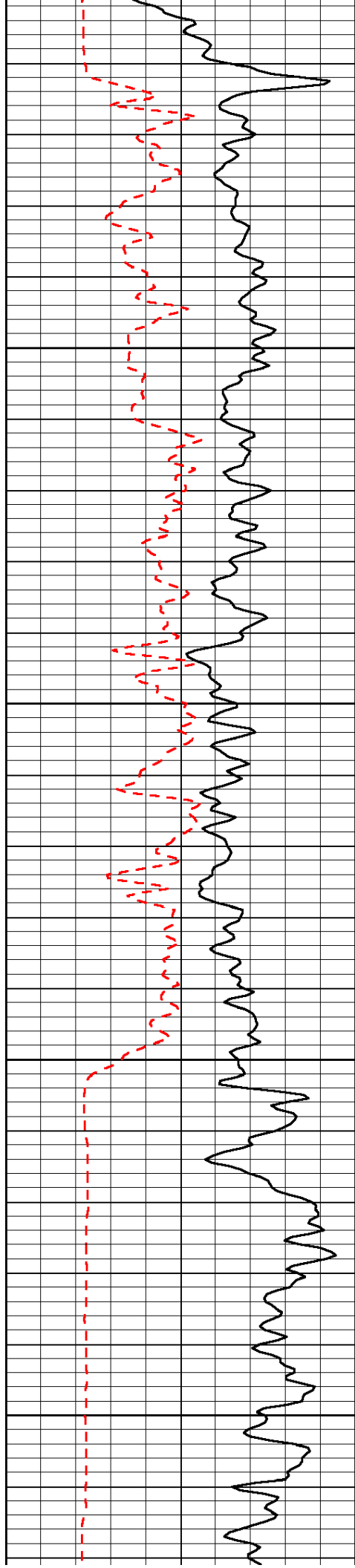
Charted by:		Depth in feet scaled 1:2.15						
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150	Gamma Ray	300		5	0	30	SPOR	-10
6	Caliper (GAPI)	16			15000	LTEN (lb)	0	
							LSPD	

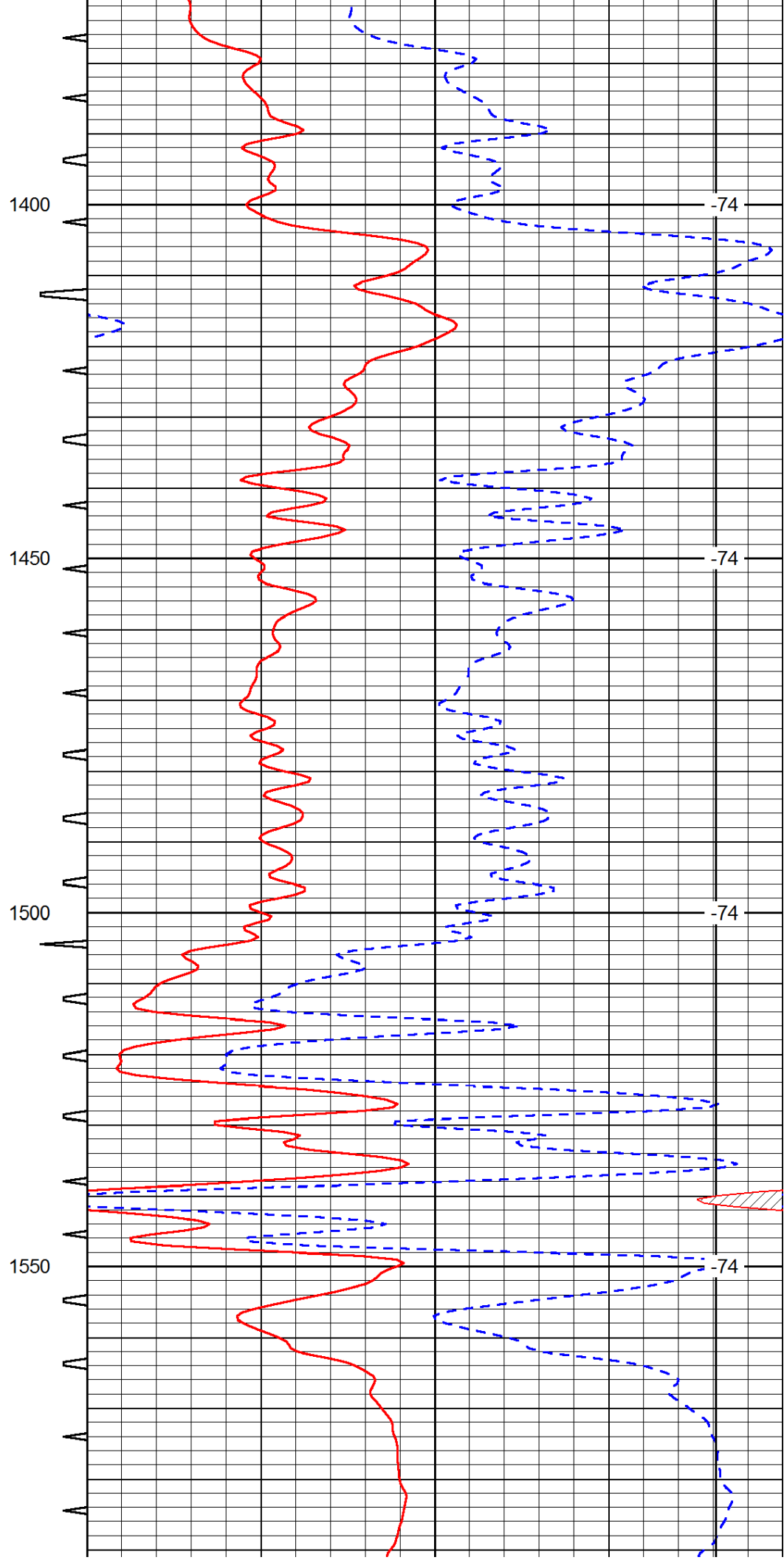
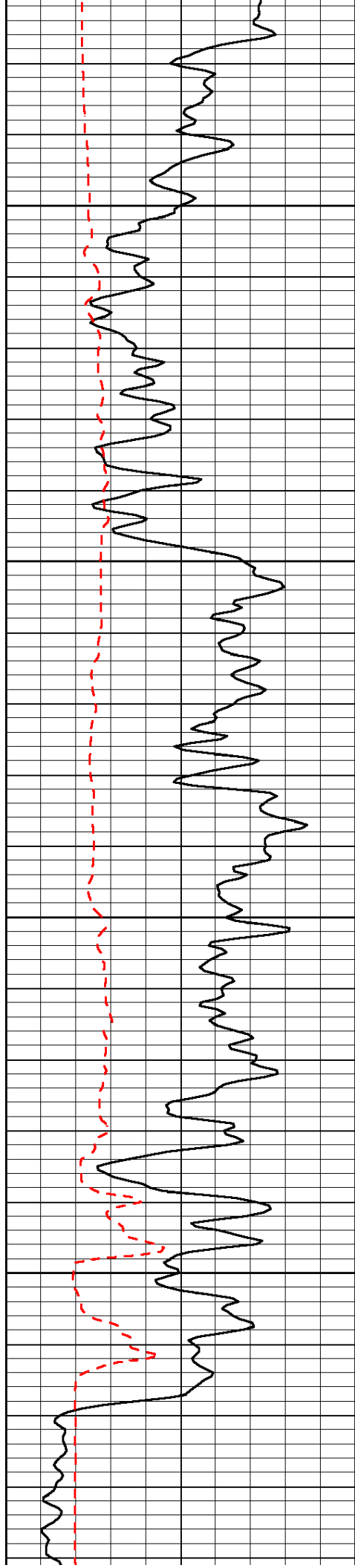


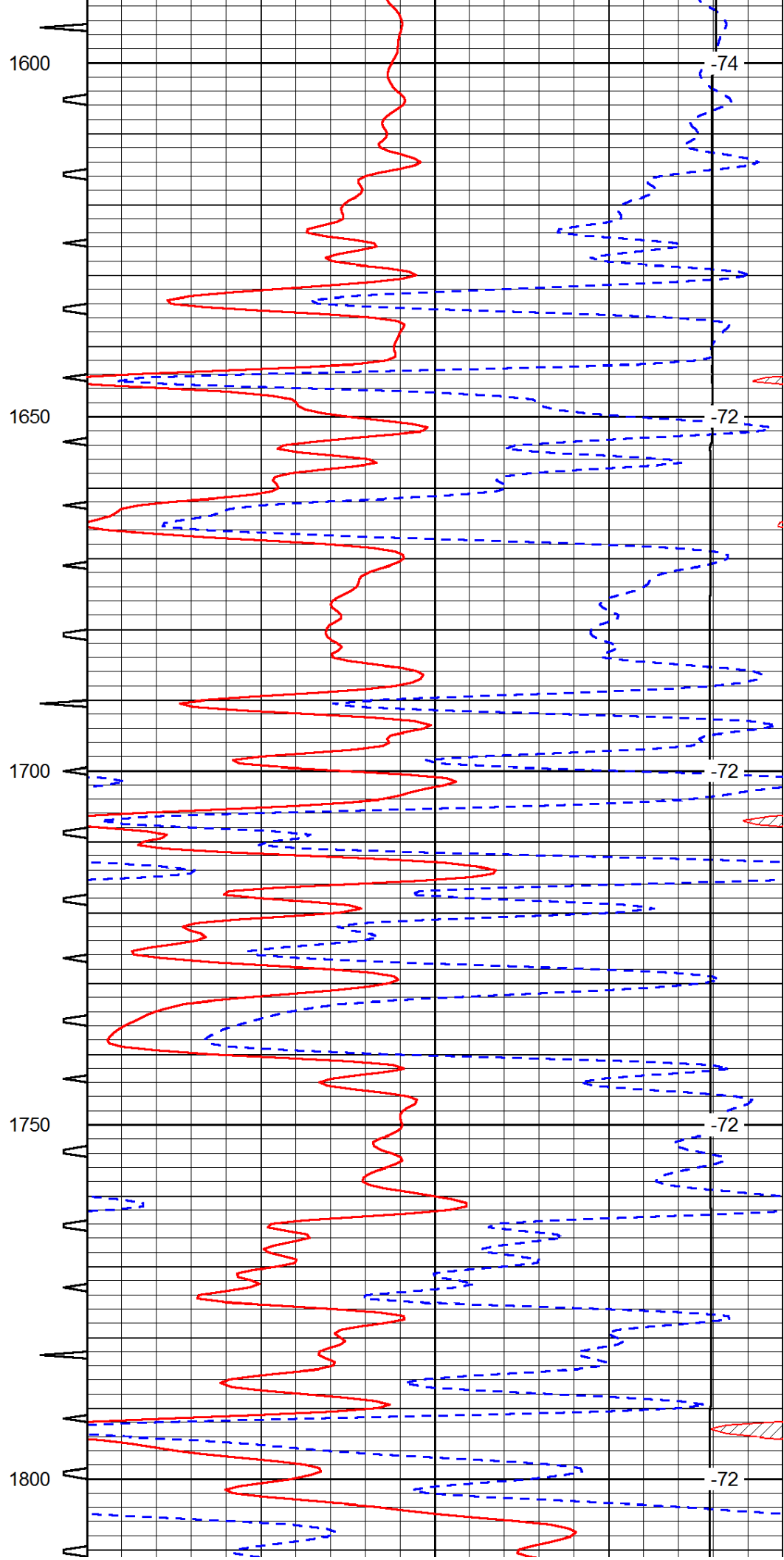
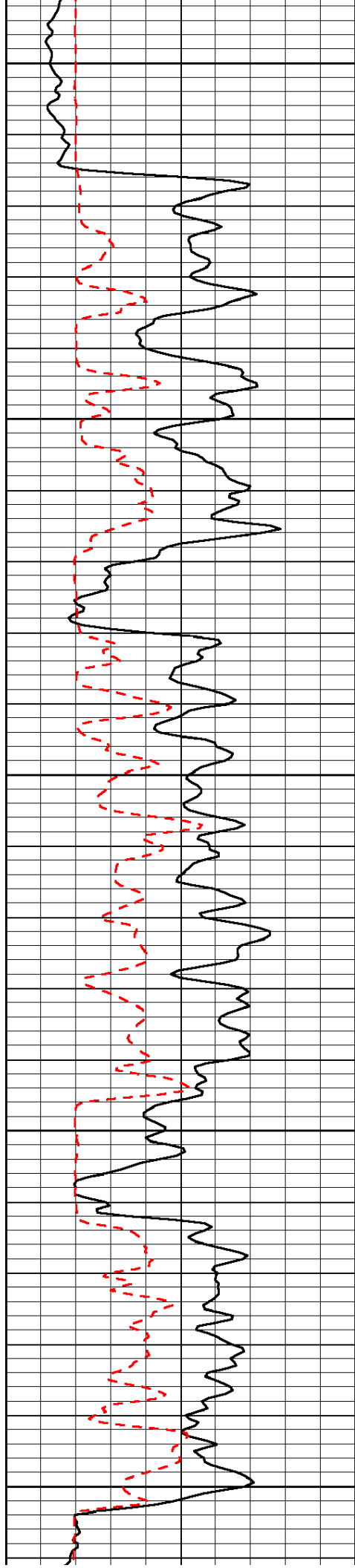


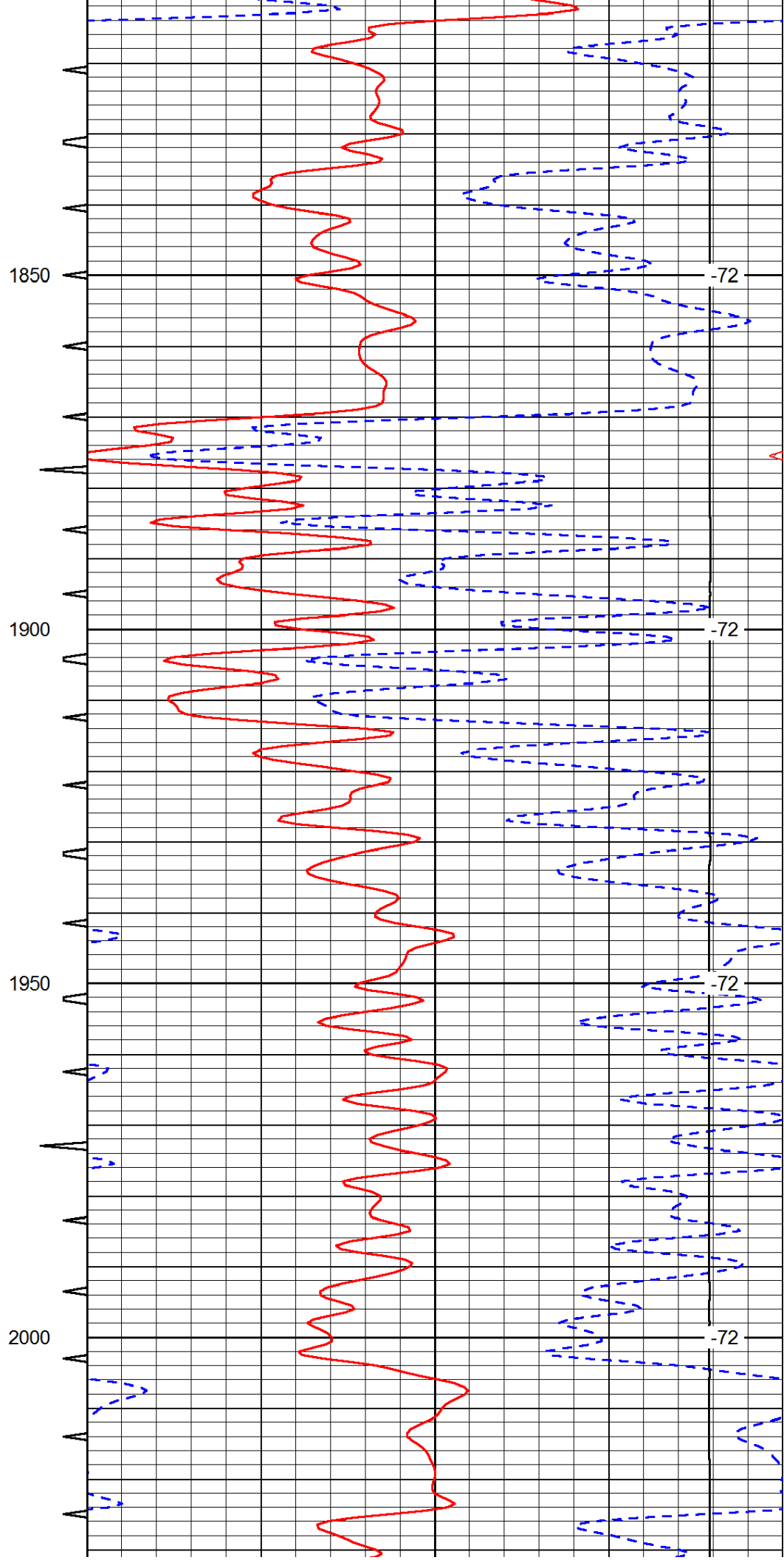
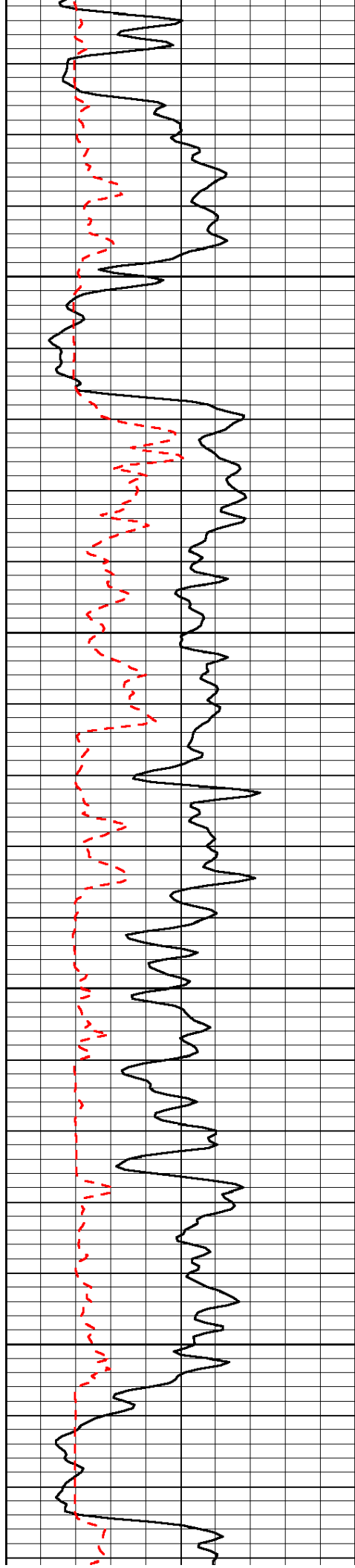


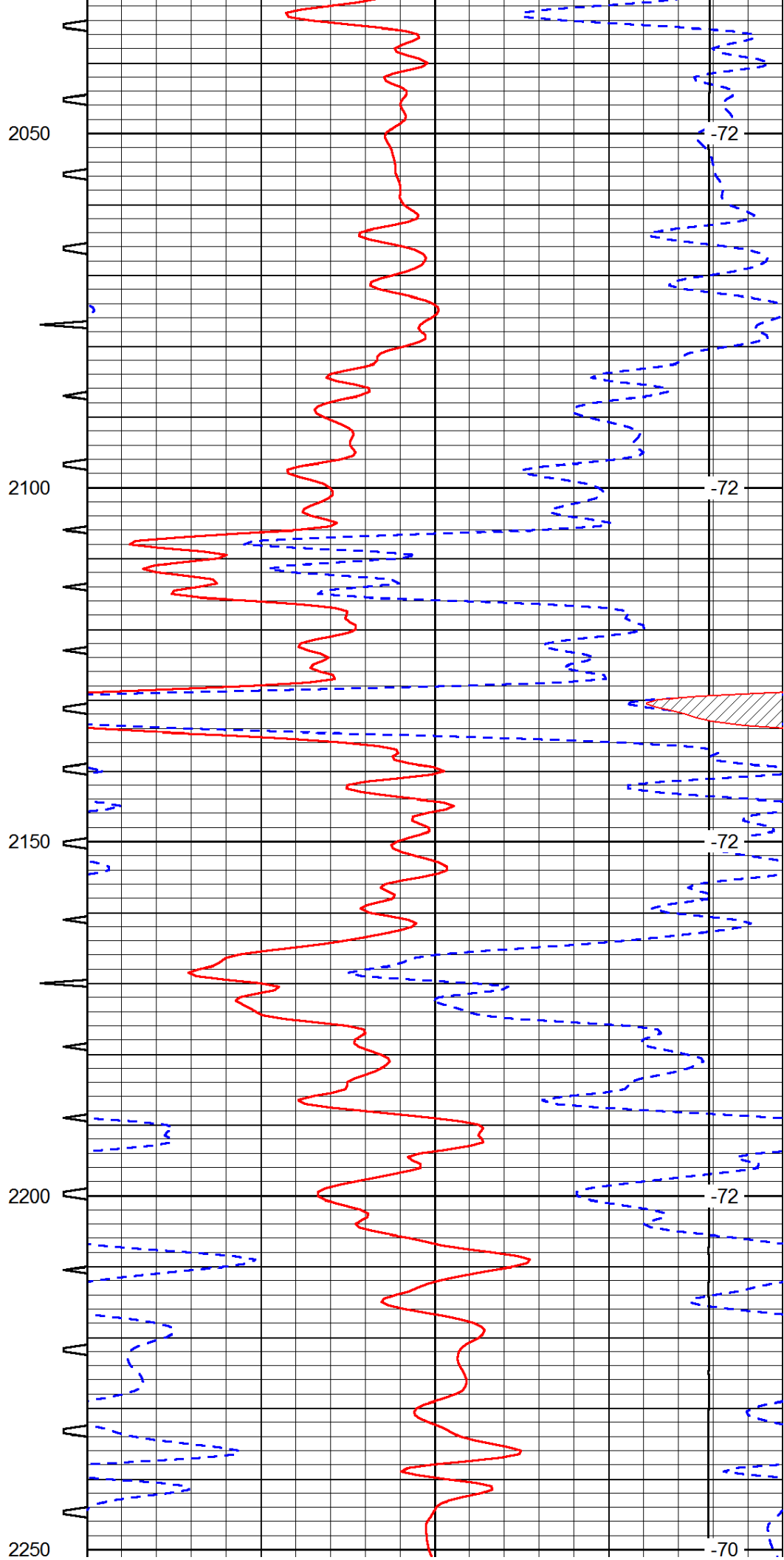
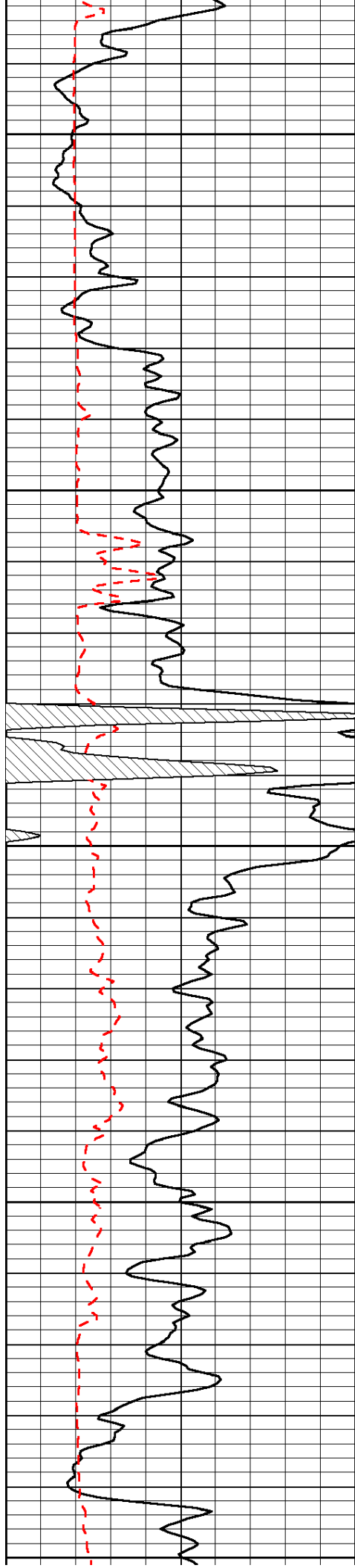


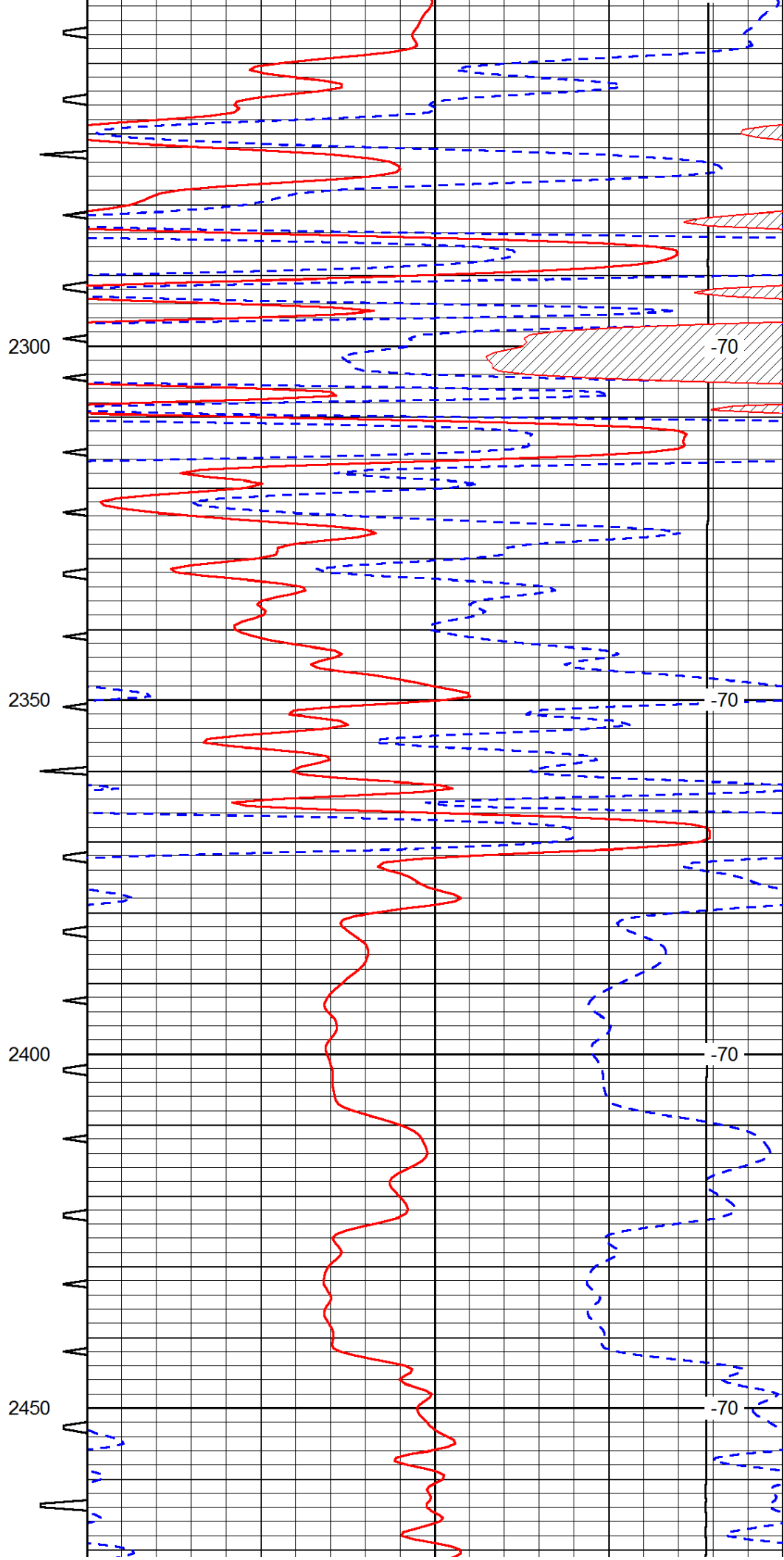
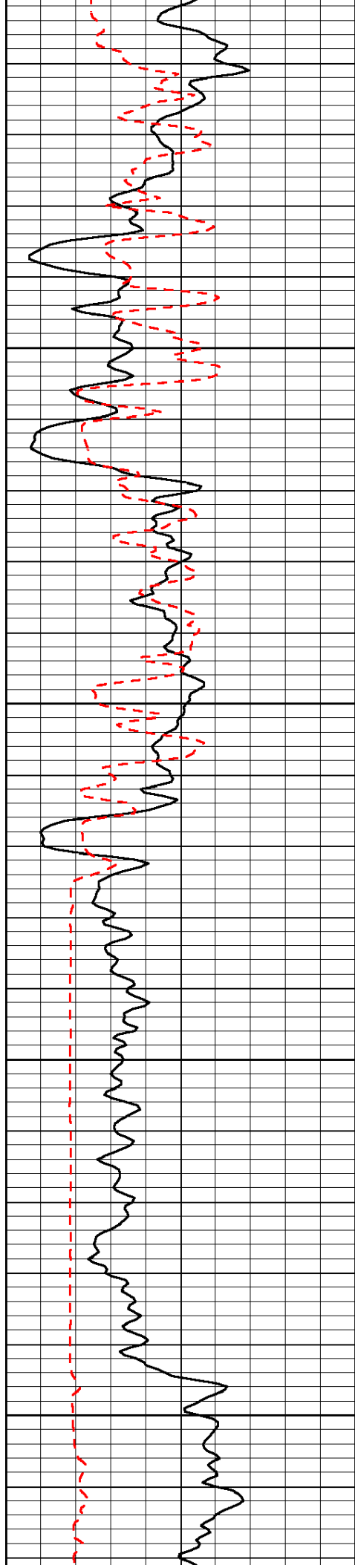


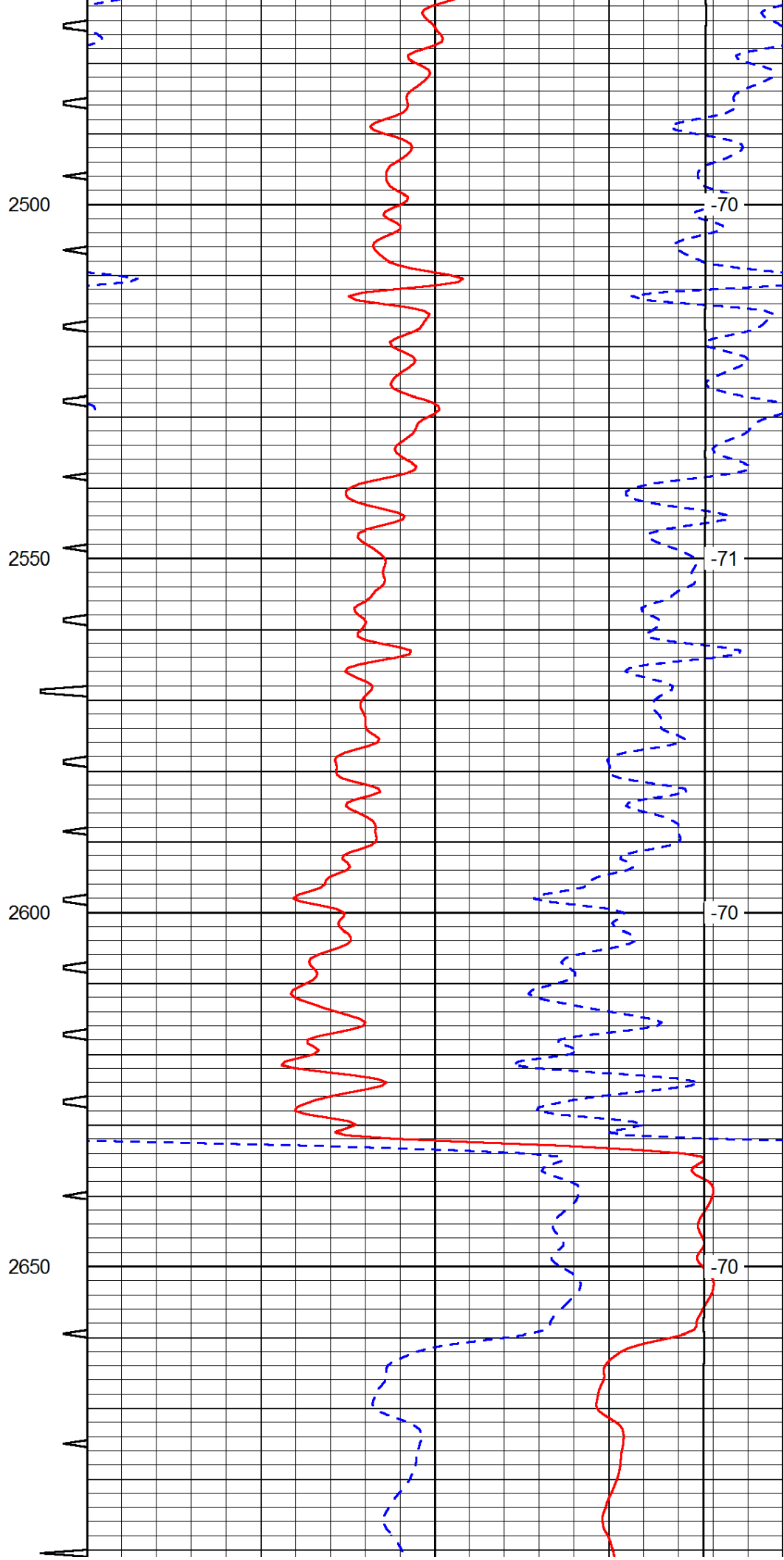
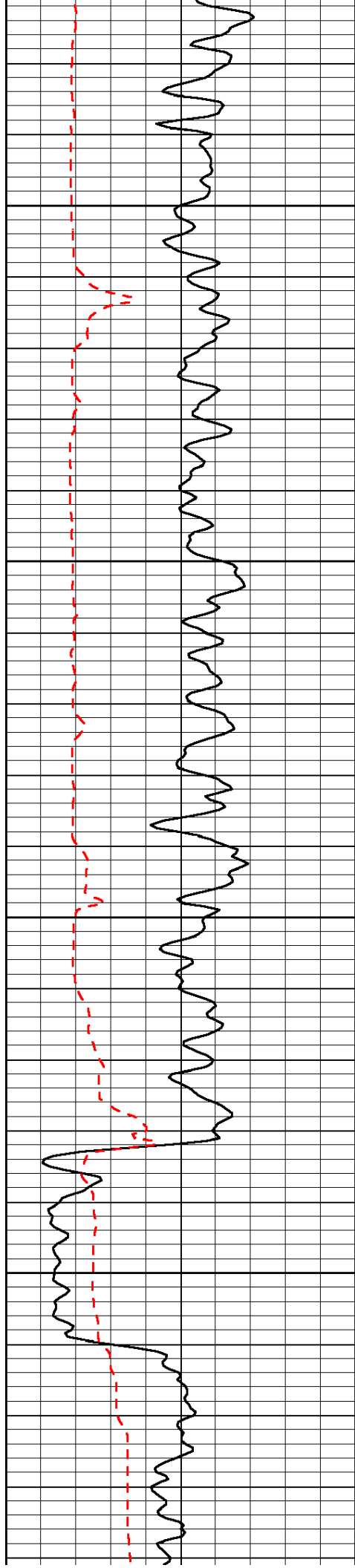


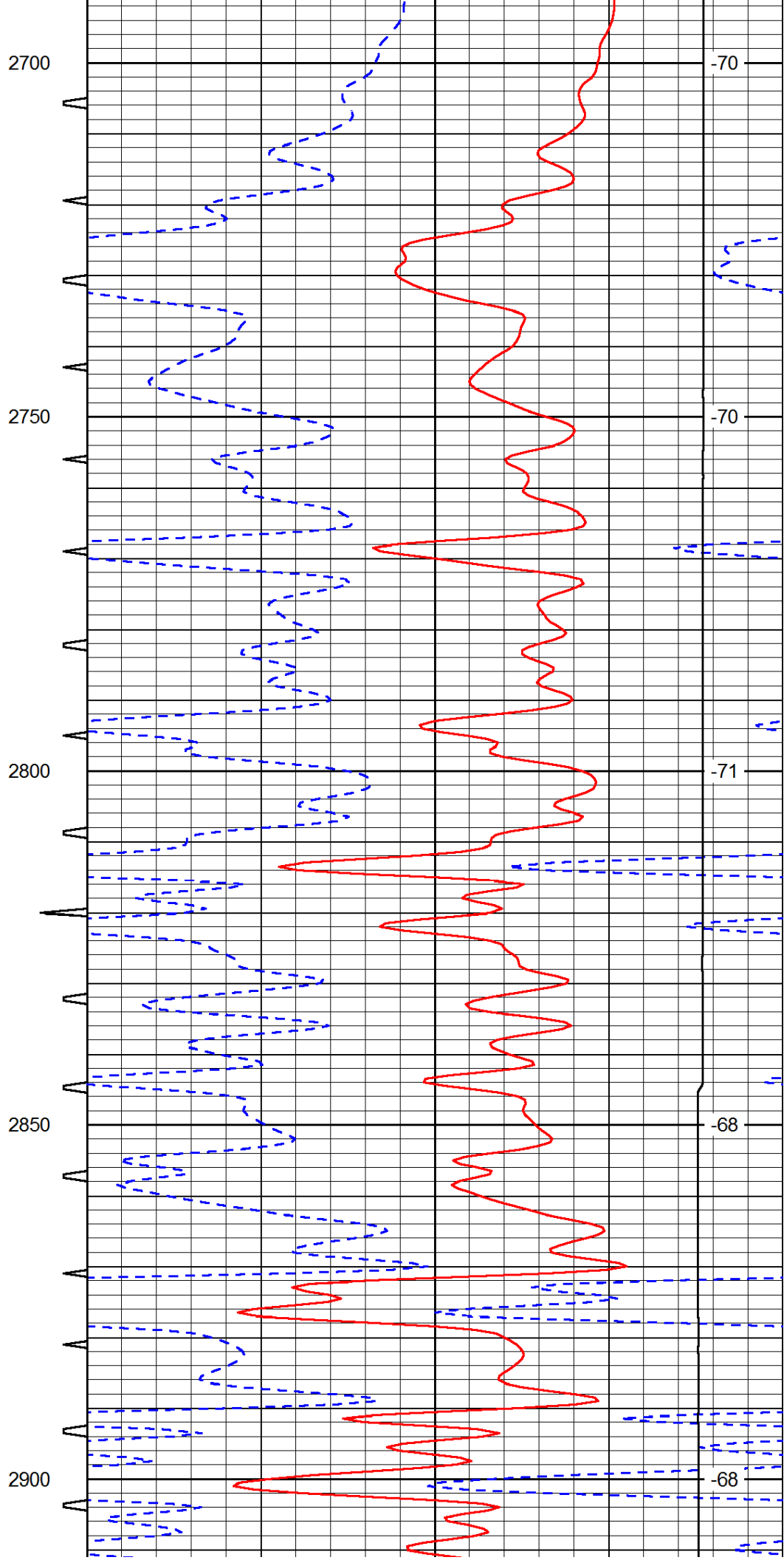
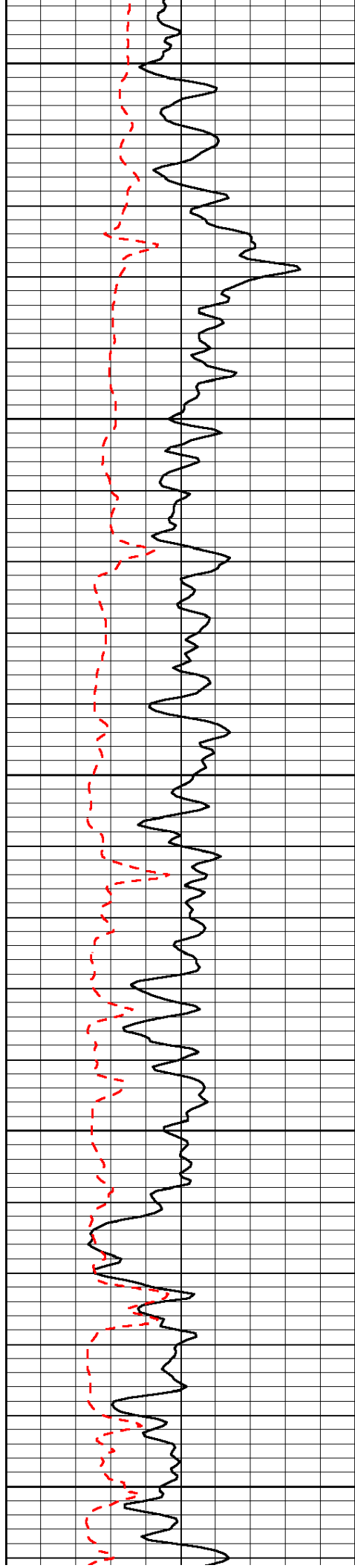


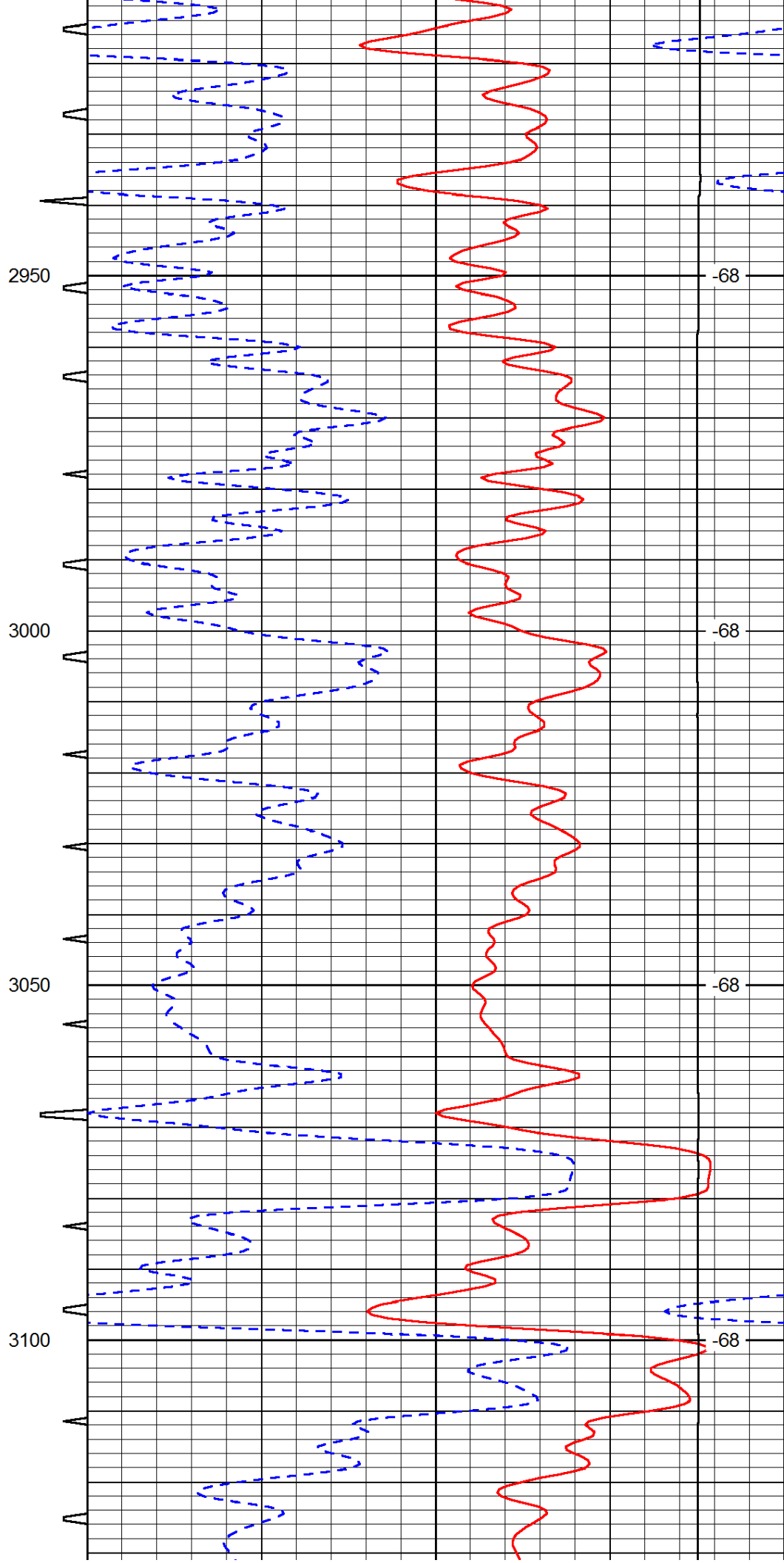
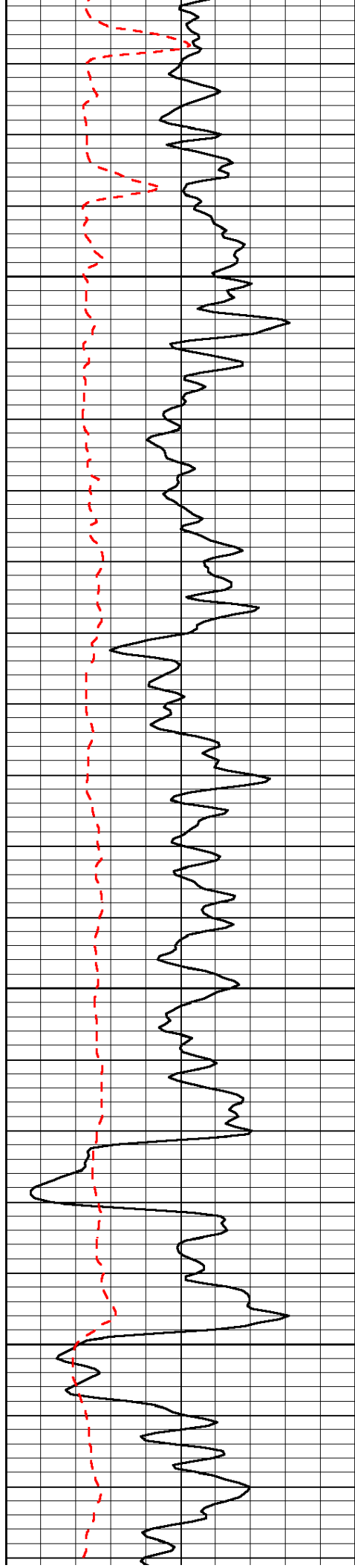


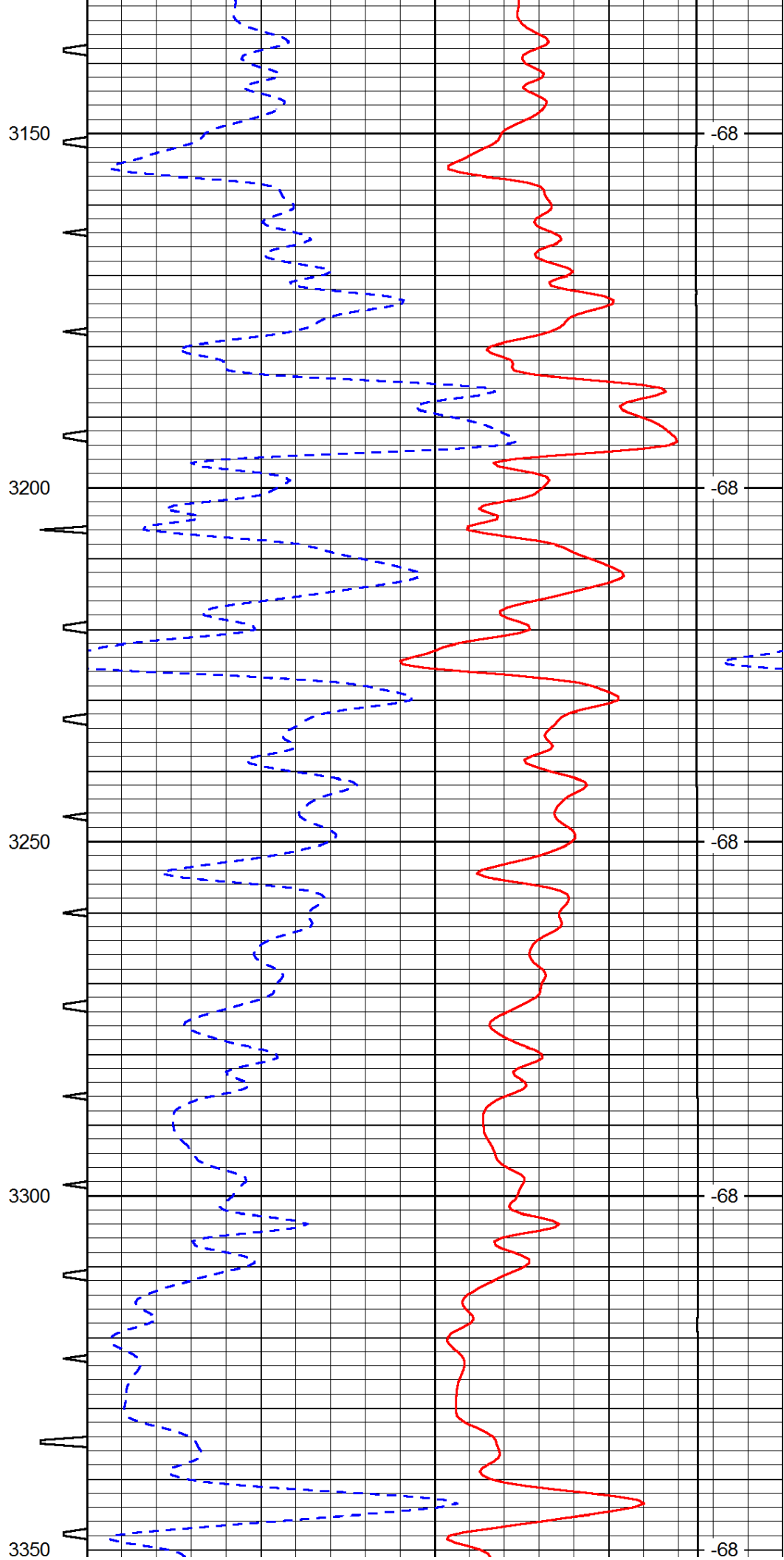
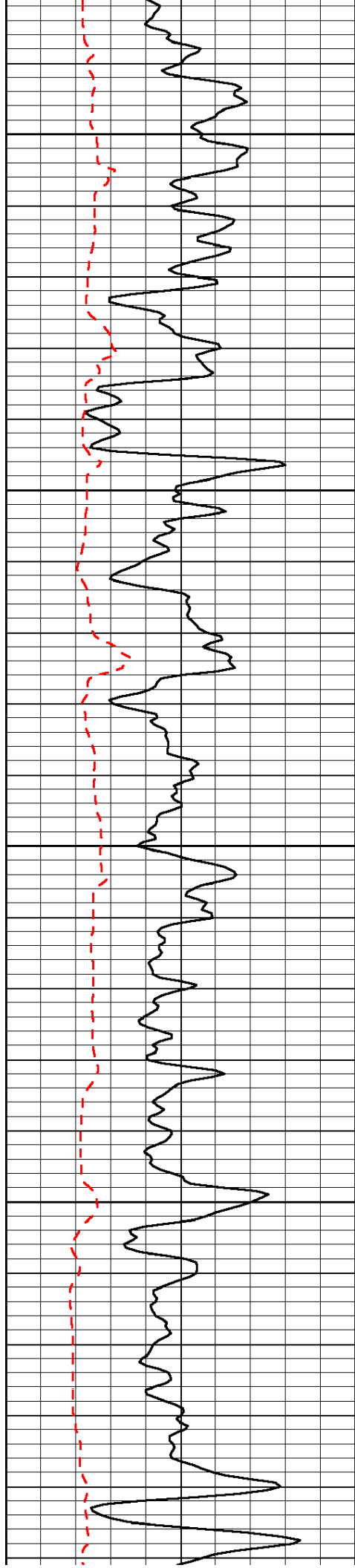


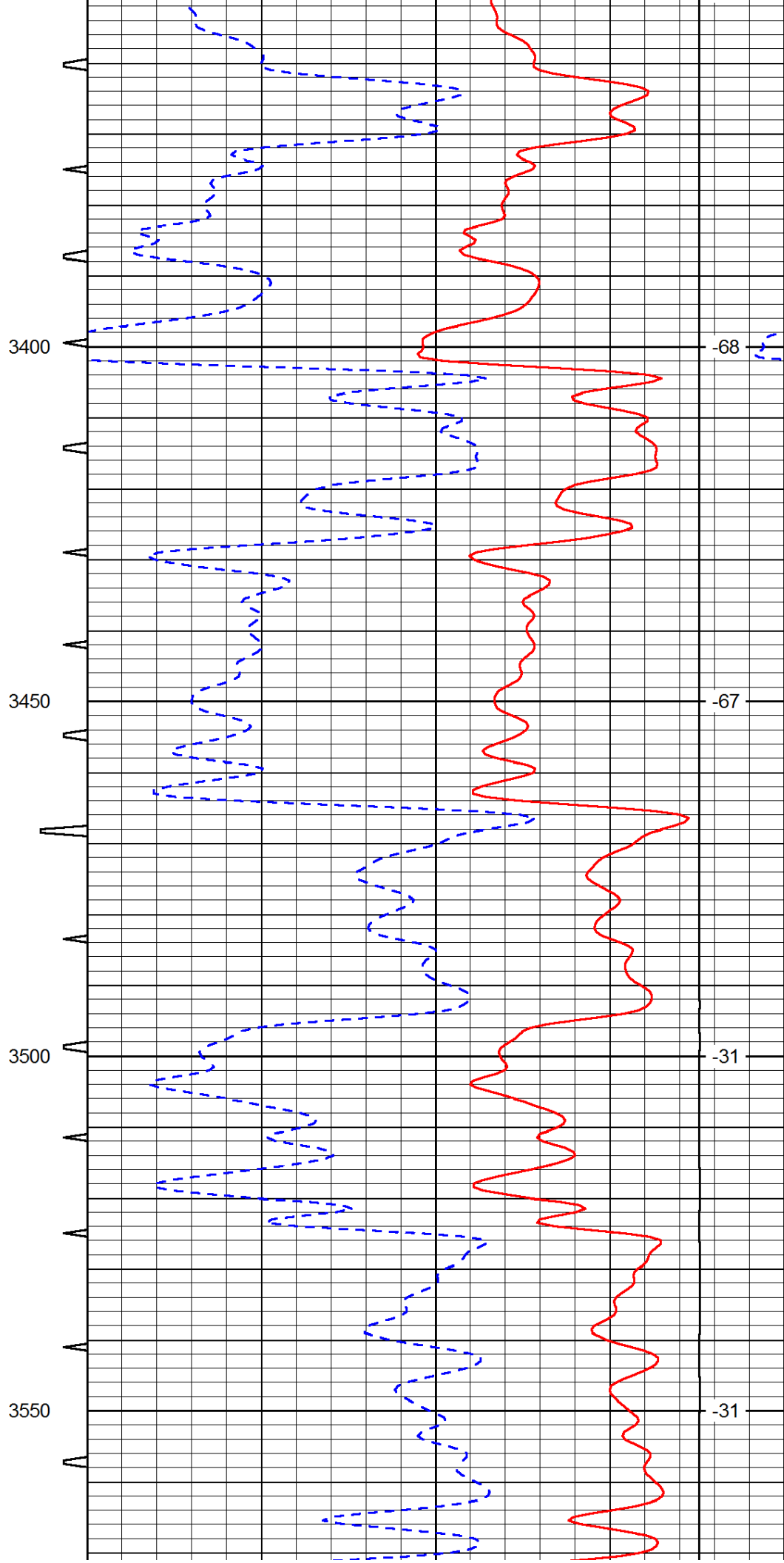
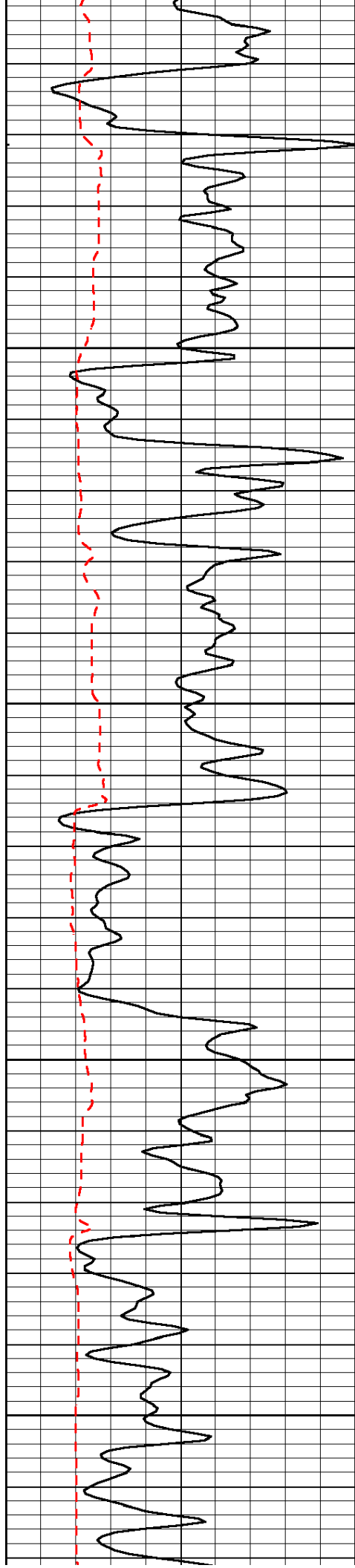


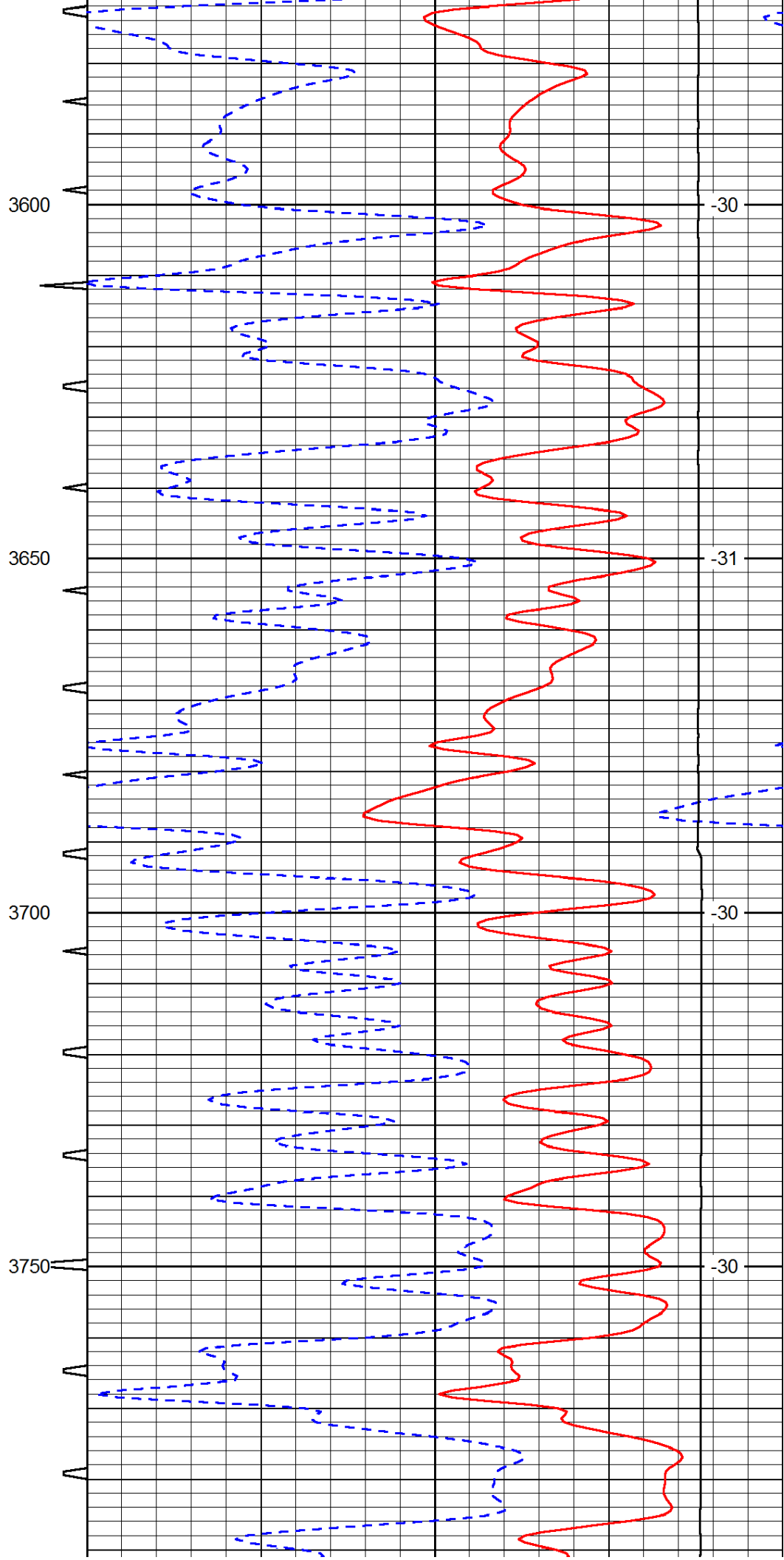
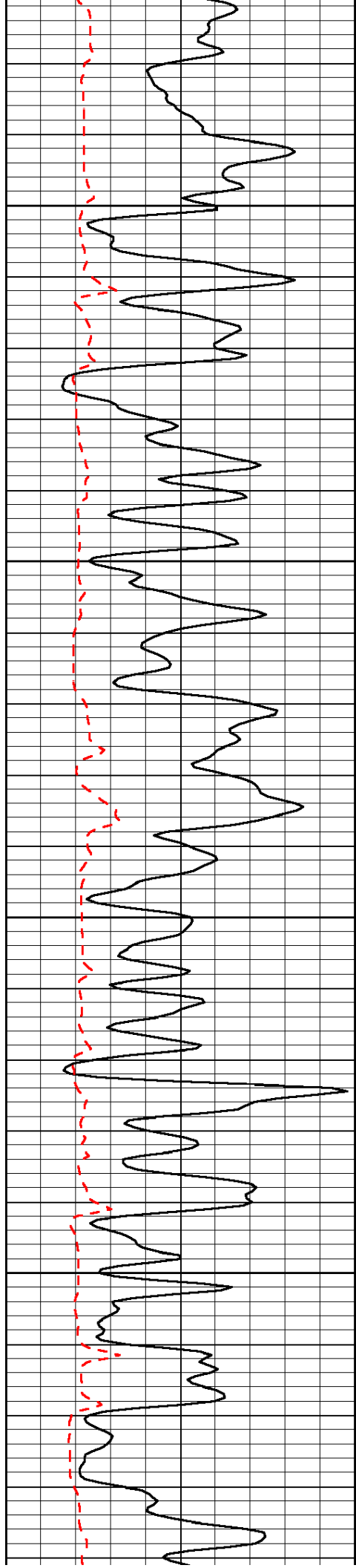


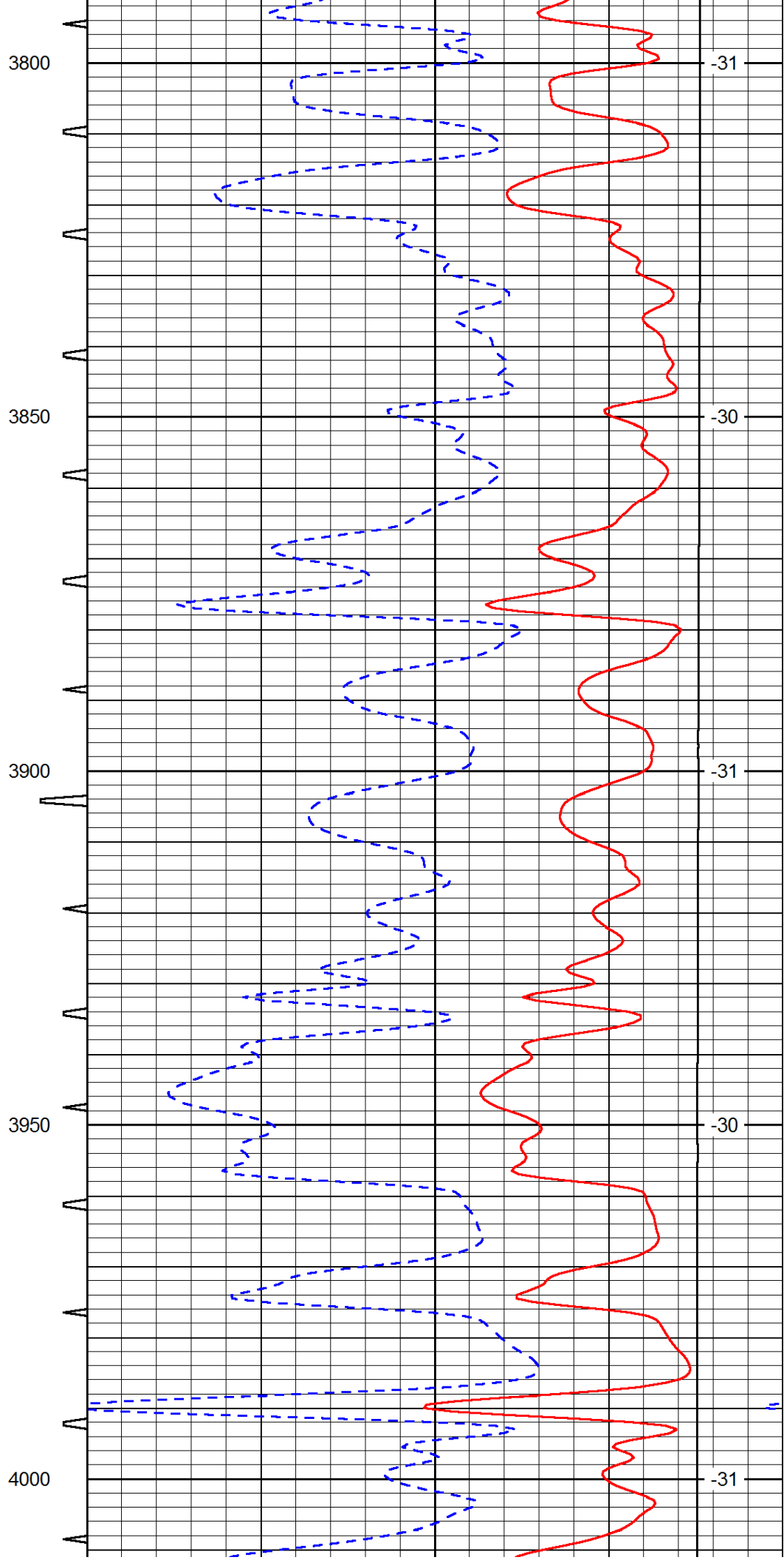
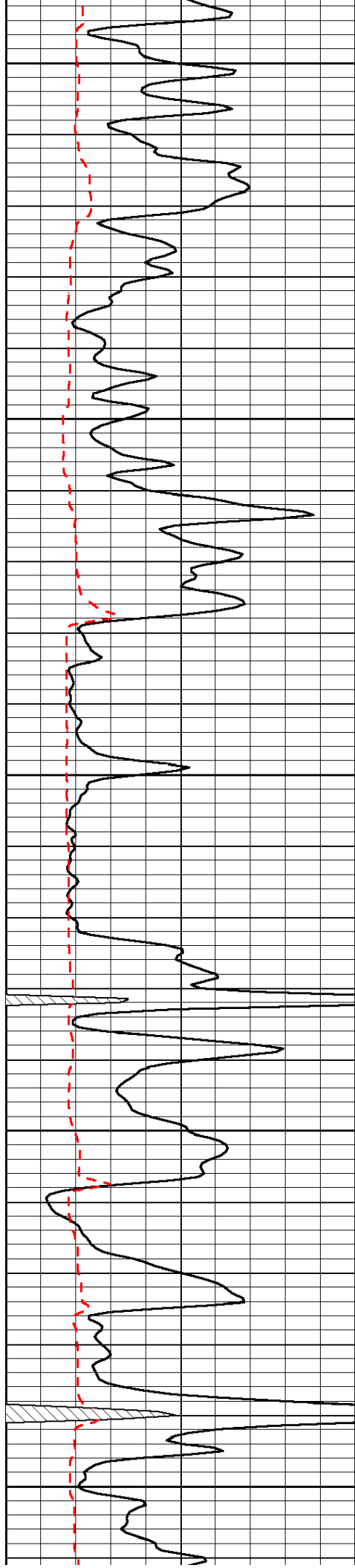


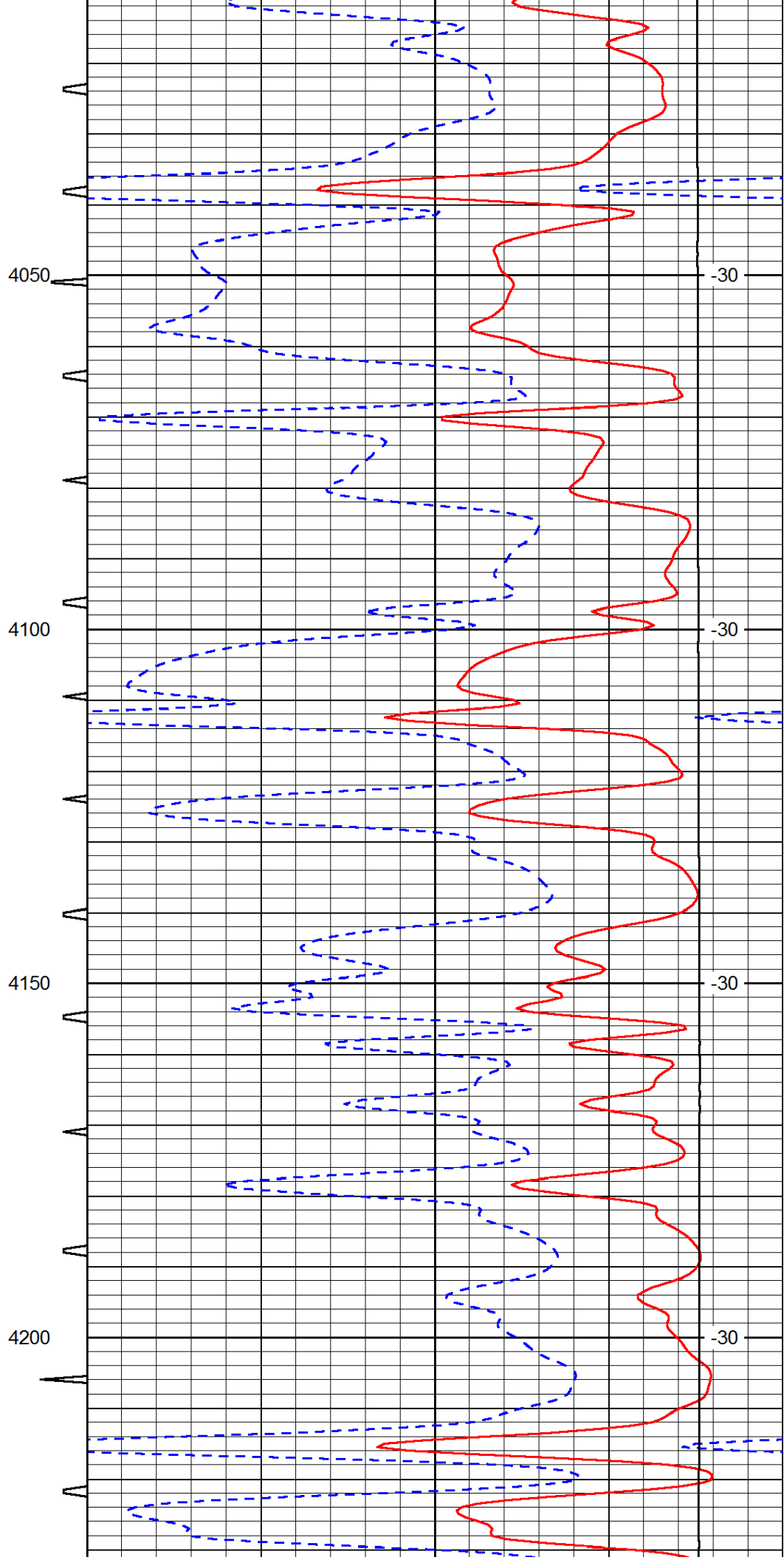
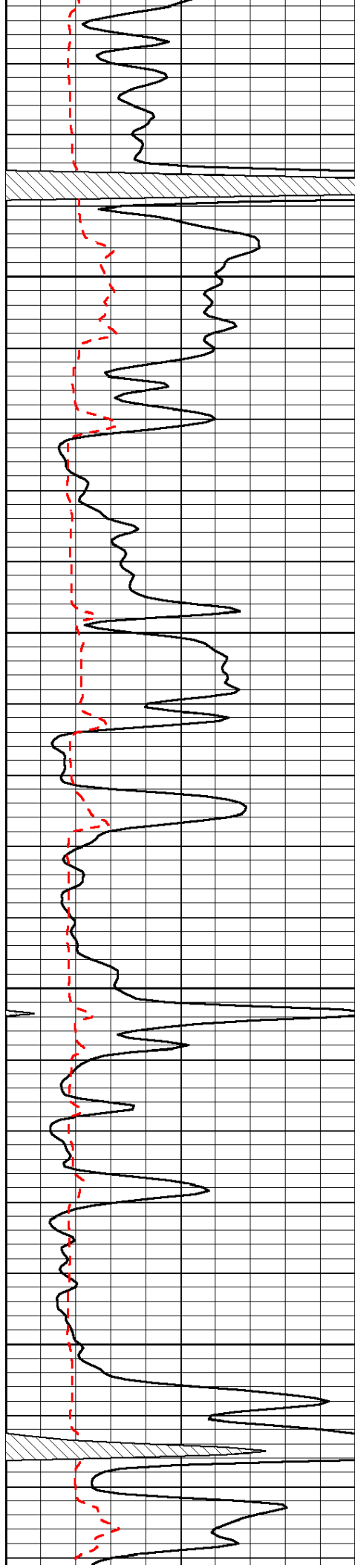


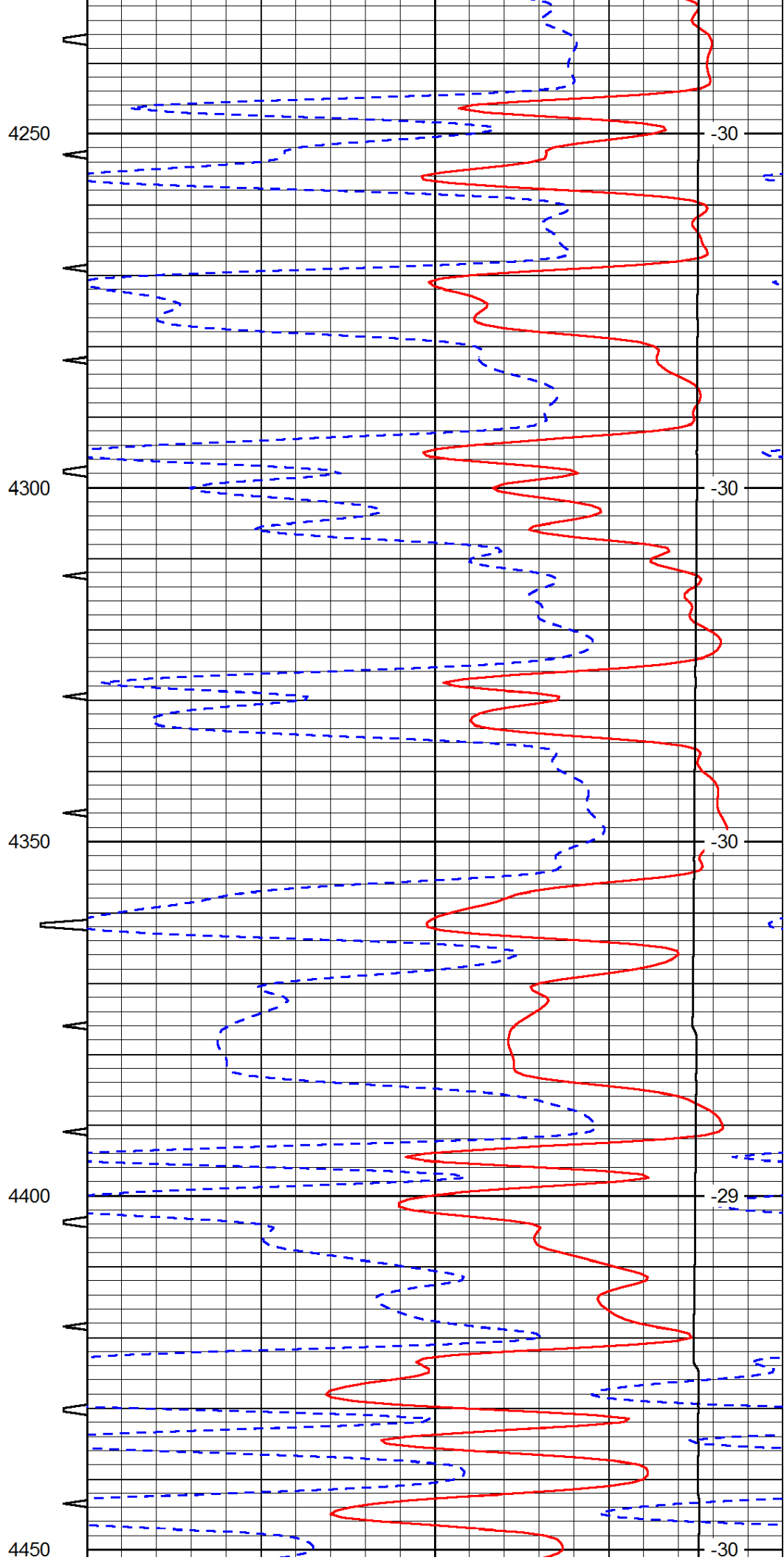
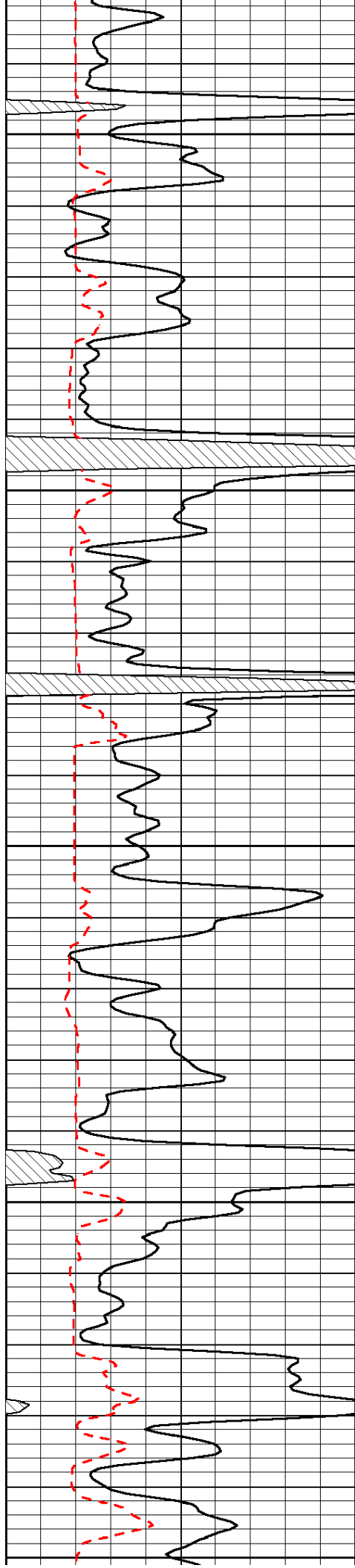


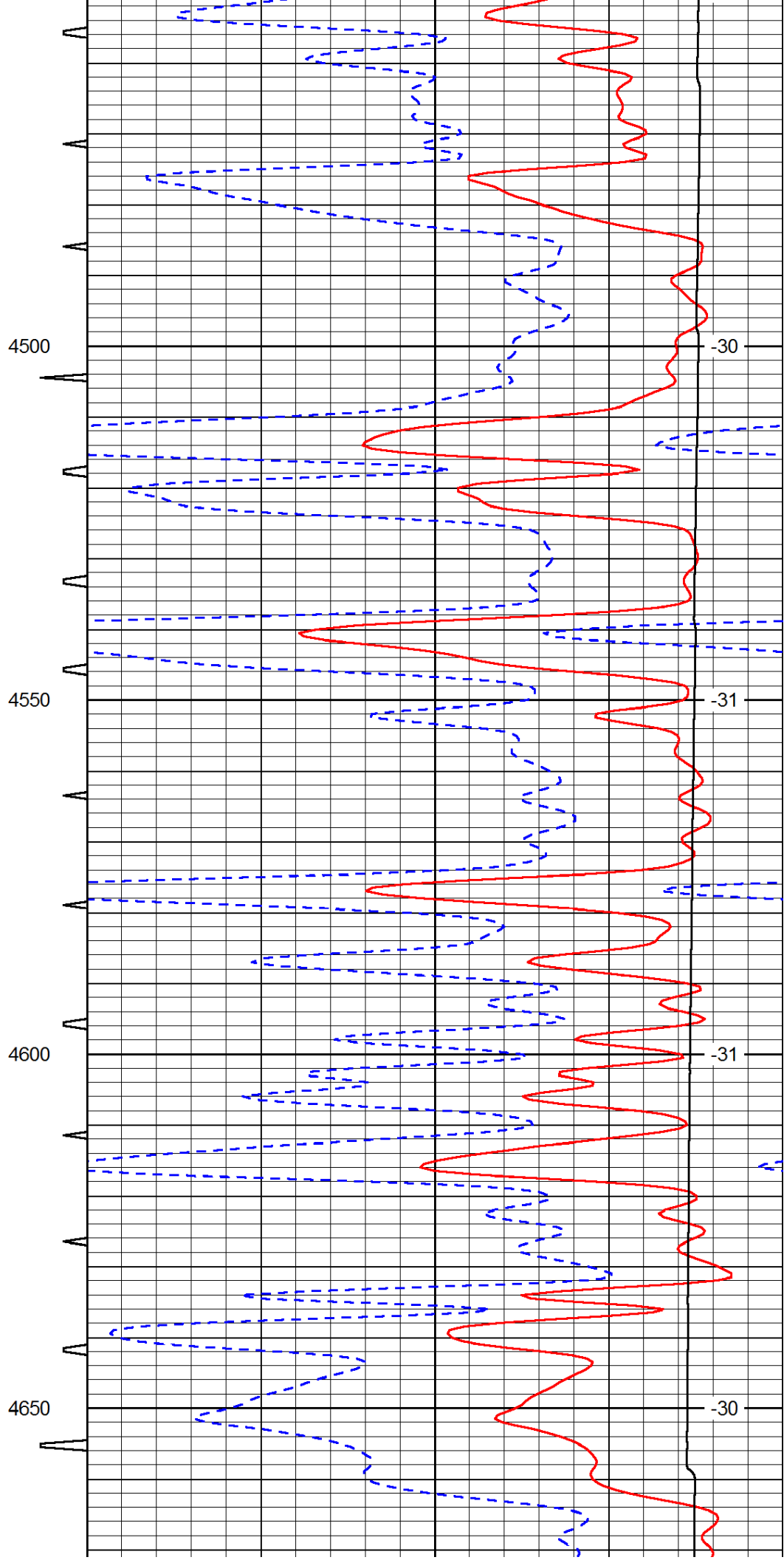
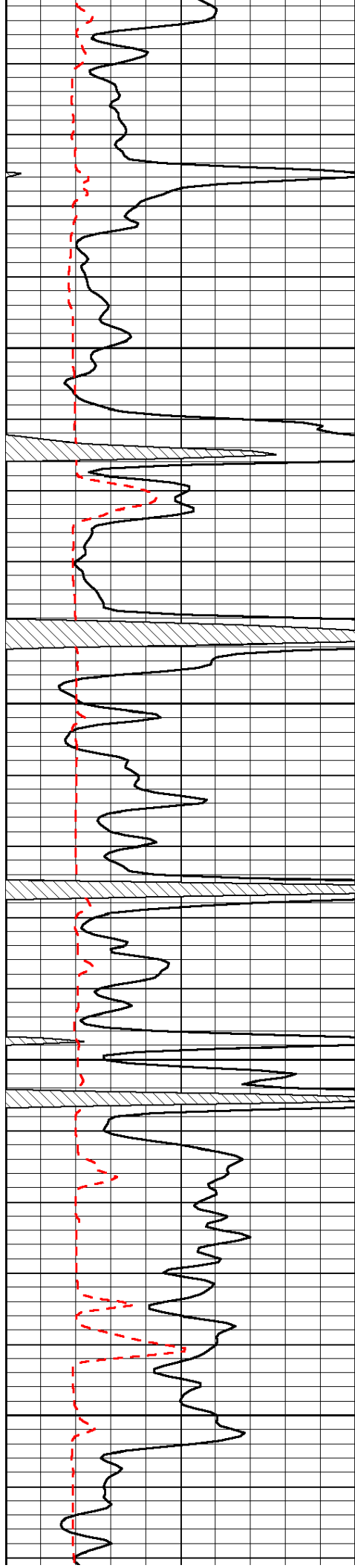


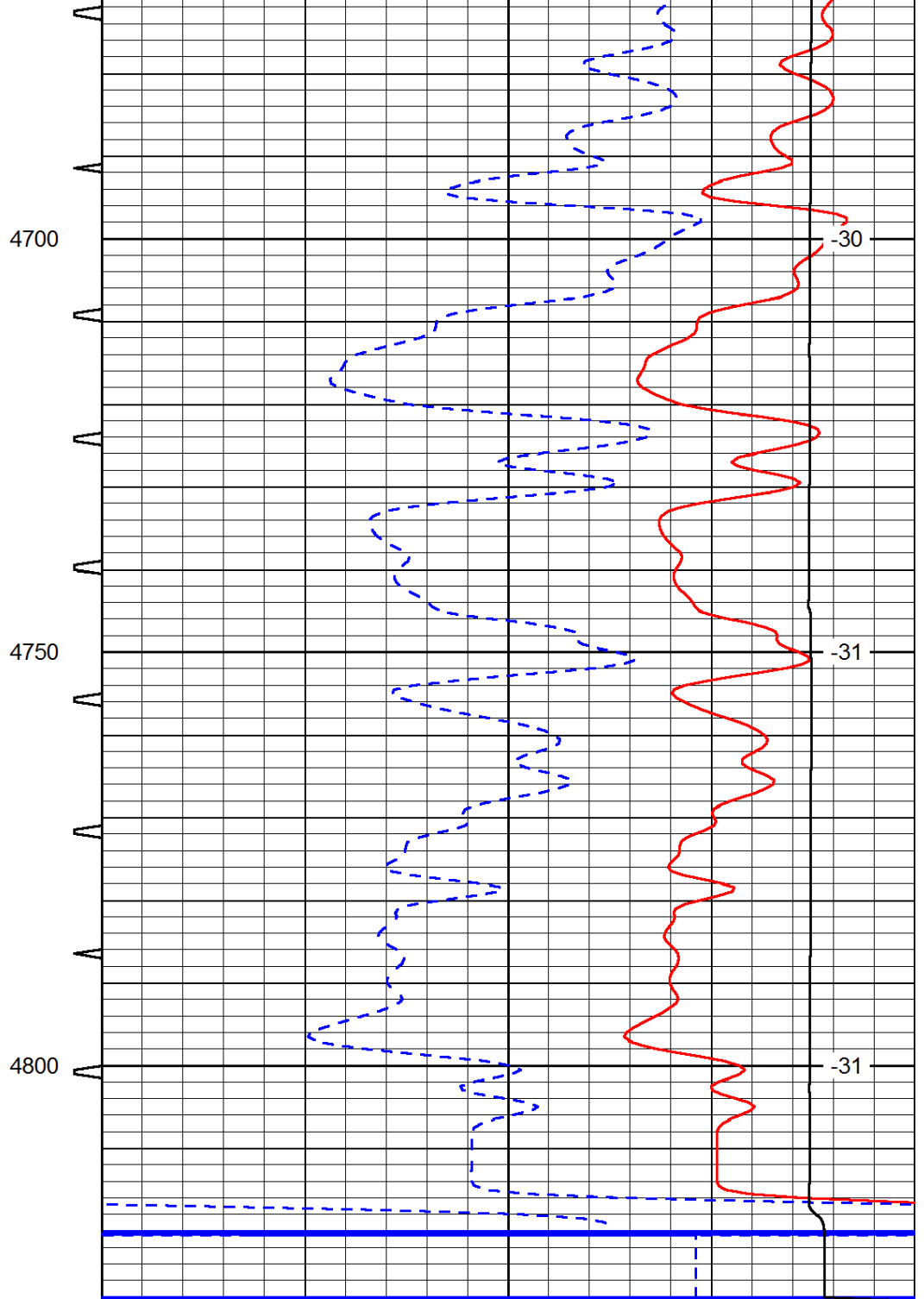
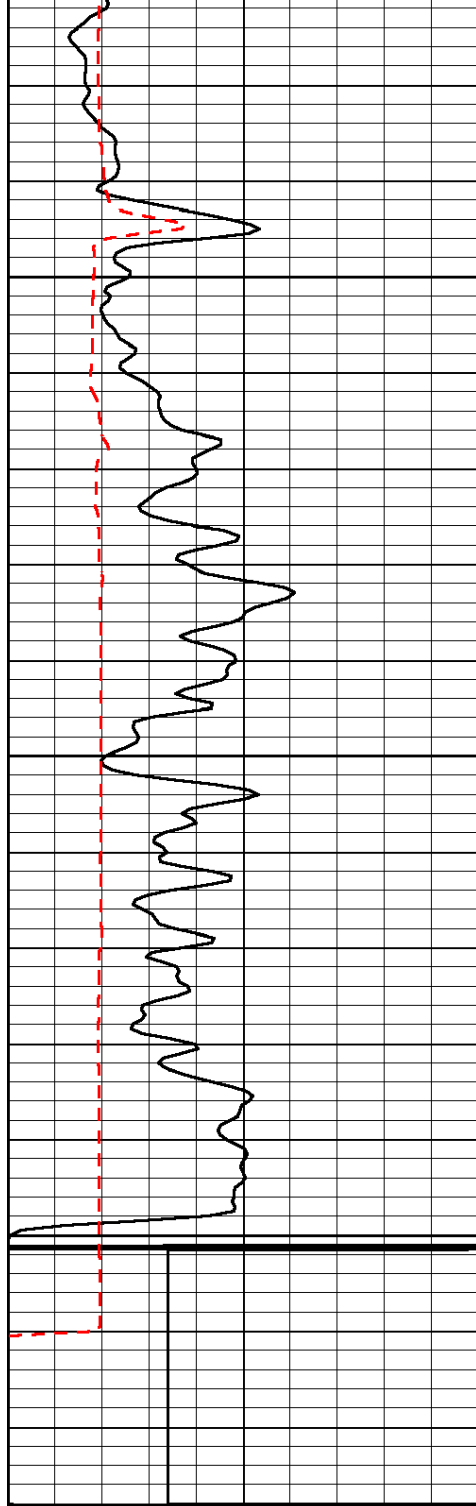












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