



Borehole Compensated Sonic Log

Pioneer Energy Services

API No.

15-163-24143-00-00

Company Brito Oil Company, Inc.

Well Griebel-Miller #1-33

Field Wildcat

County Rooks

State Kansas

Location

950' FNL / 1450' FWL

Other Services
CNL/CDL
MEL/DIL

Sec: 33

Twp: 6S

Rge: 19W

Permanent Datum Ground Level Elevation 2076

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

Drilling Measured From Kelly Bushing

Elevation

K.B. 2081
D.F.
G.L. 2076

Date 10/11/2013

Run Number Two

Type Log BHC Sonic

Depth Driller 3690

Depth Logger 3690

Bottom Logged Interval 3679

Top Logged Interval 200

Type Fluid In Hole Chemical

Salinity, PPM CL 1200

Density 9.2

Level Full

Max. Rec. Temp. F 113

Operating Rig Time 5 Hours

Equipment -- Location 17 Days

Recorded By R. Barnhart

Witnessed By Roger Martin

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

One 12.25

00

218

8.625

23#

00

218

Two 7.875

218

TD

<<< 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.

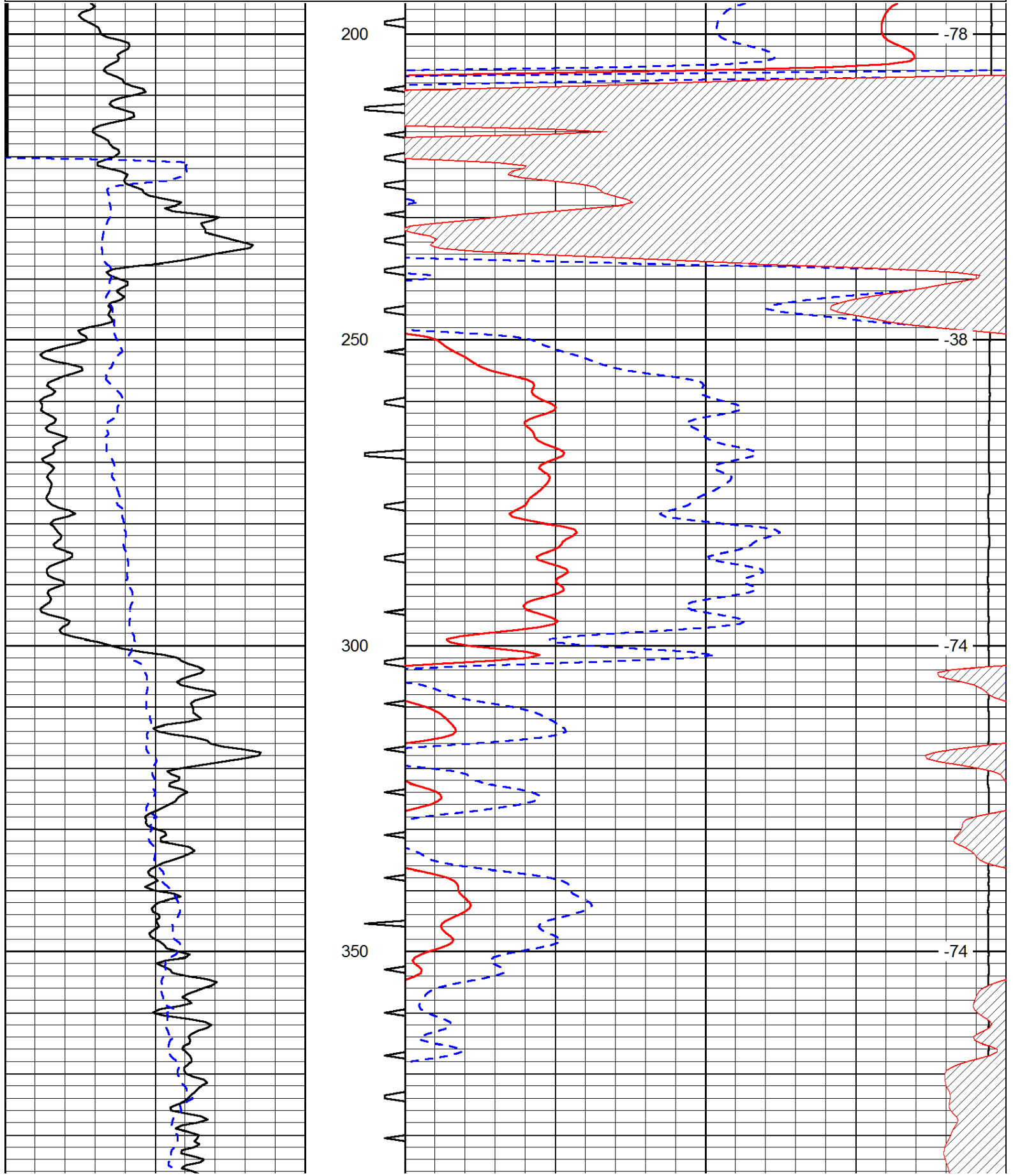
Comments

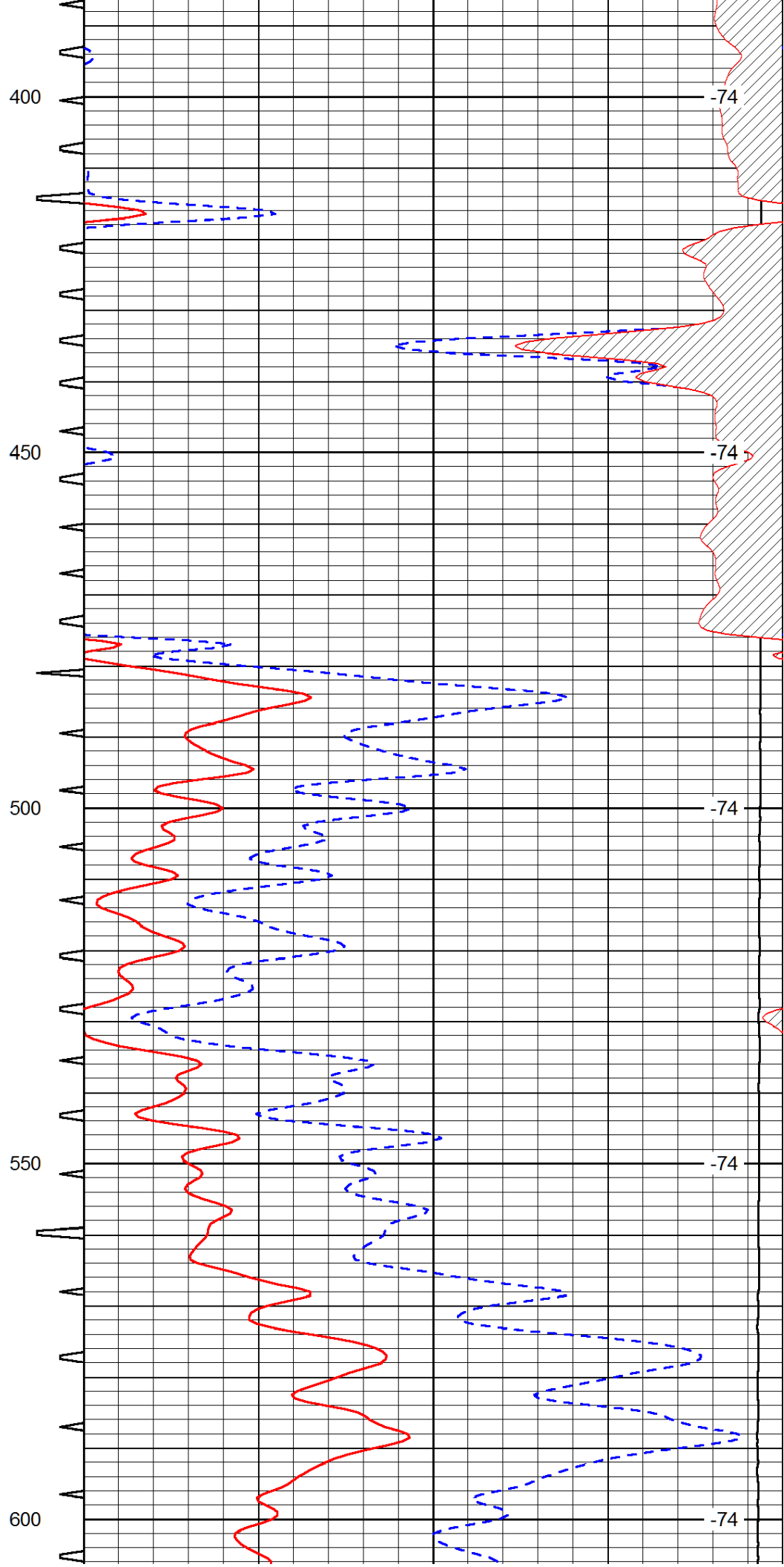
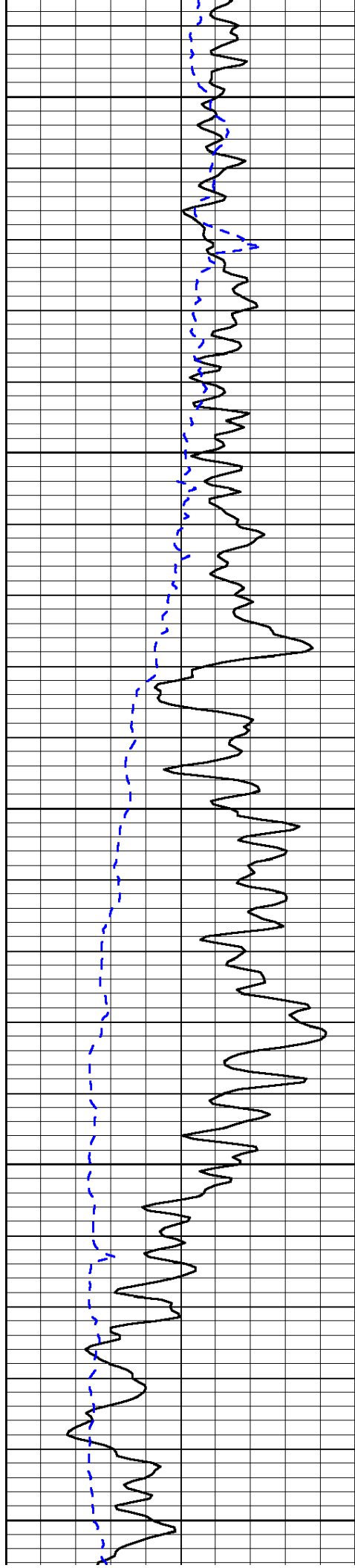
Thank you for using Log-Tech, Inc.
(785) 625-3858

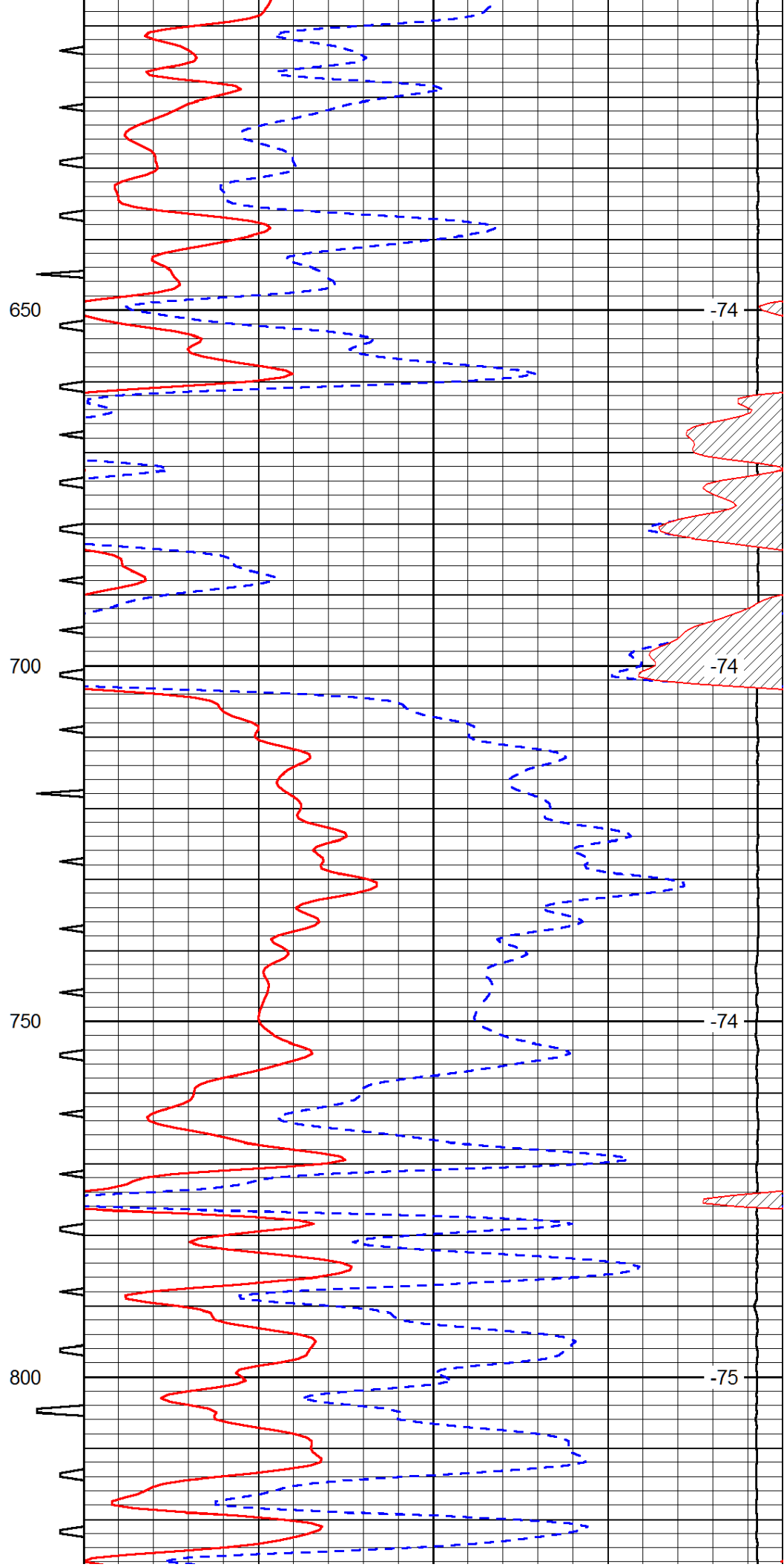
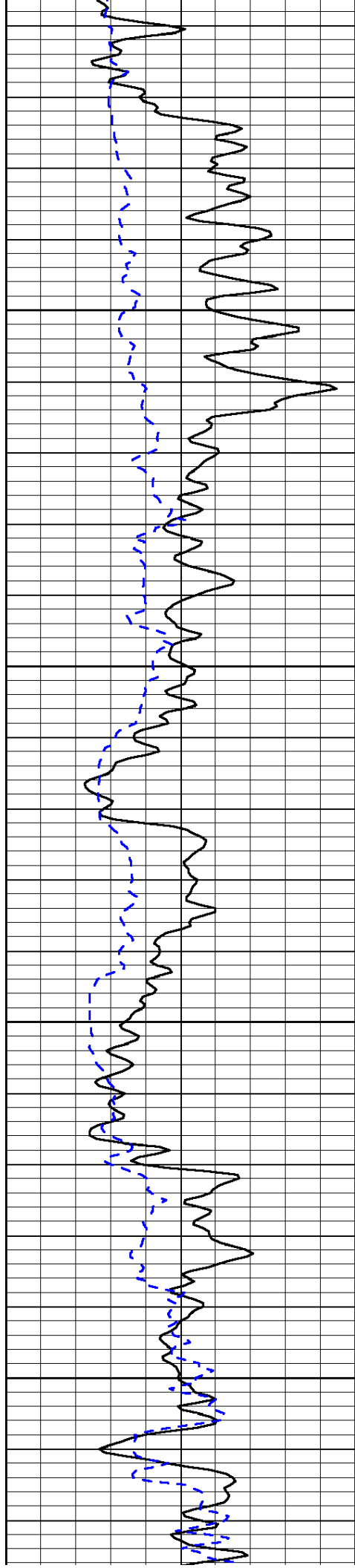
Stockton, KS:
1W of Webster Dam to Rd. 9, 5N, E and S into

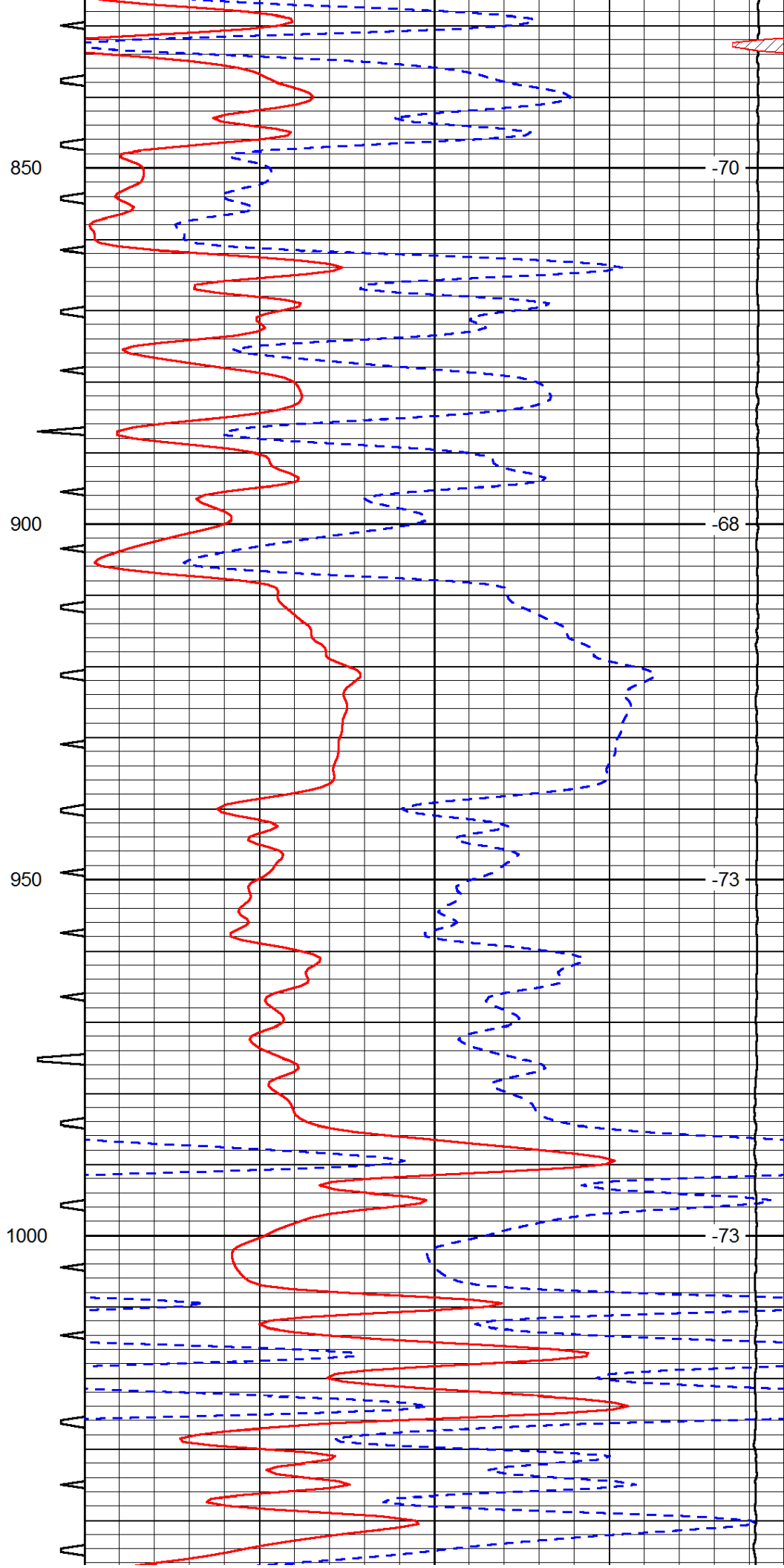
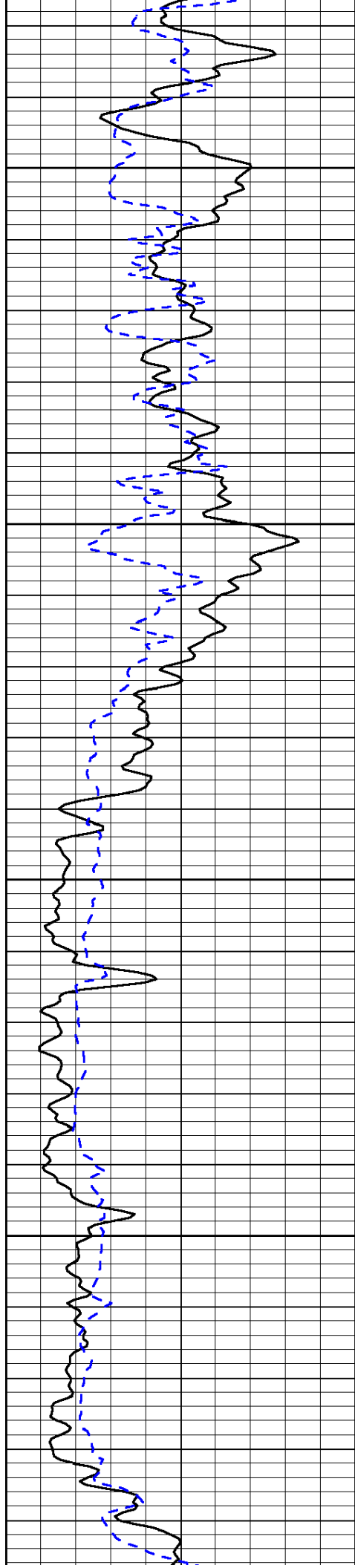
Database File: brito_hd.db
Dataset Pathname: DIL/brtmain
Presentation Format: sonic
Dataset Creation: Fri Oct 11 14:45:30 2013
Charted by: Depth in Feet scaled 1:240

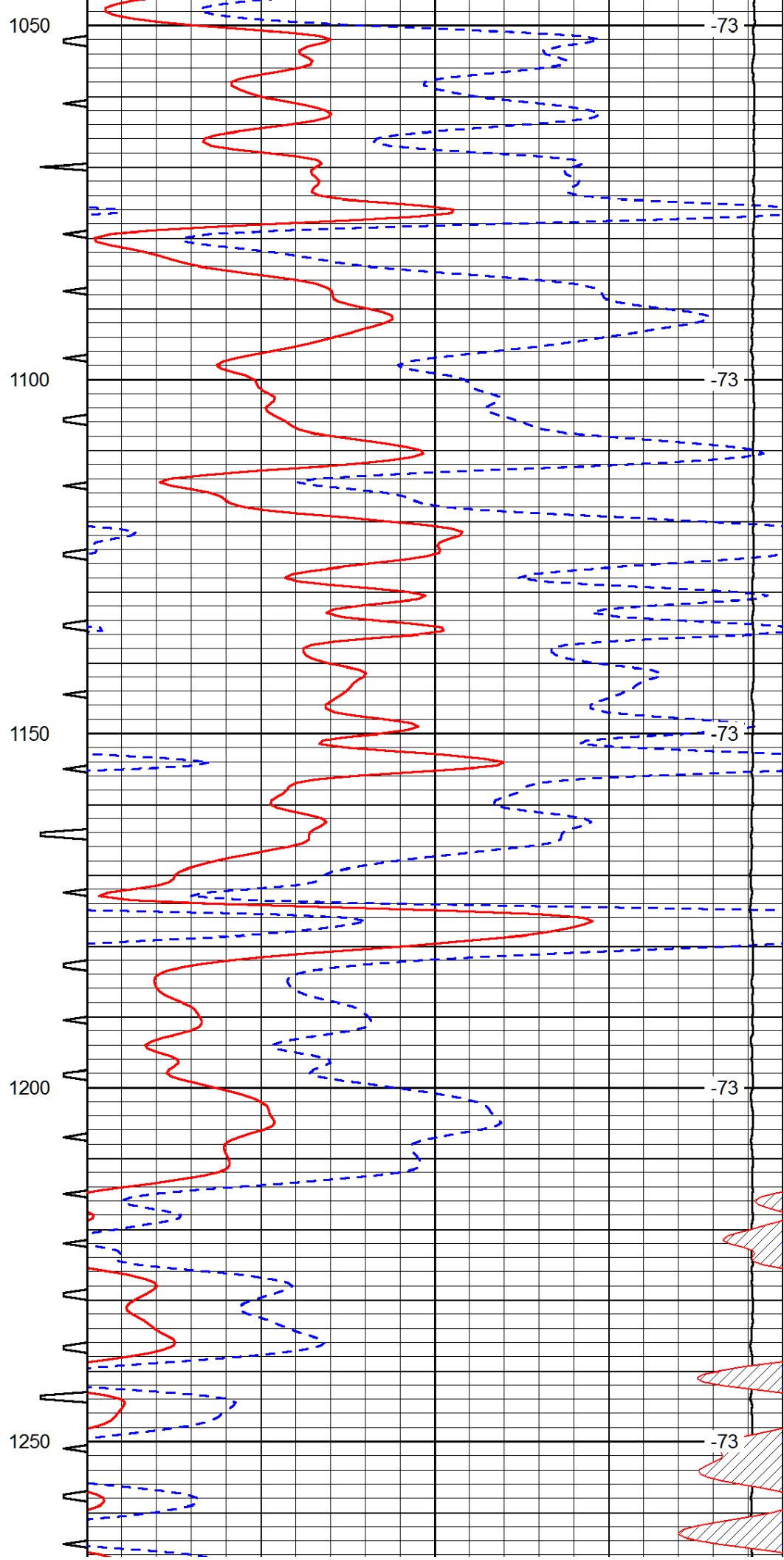
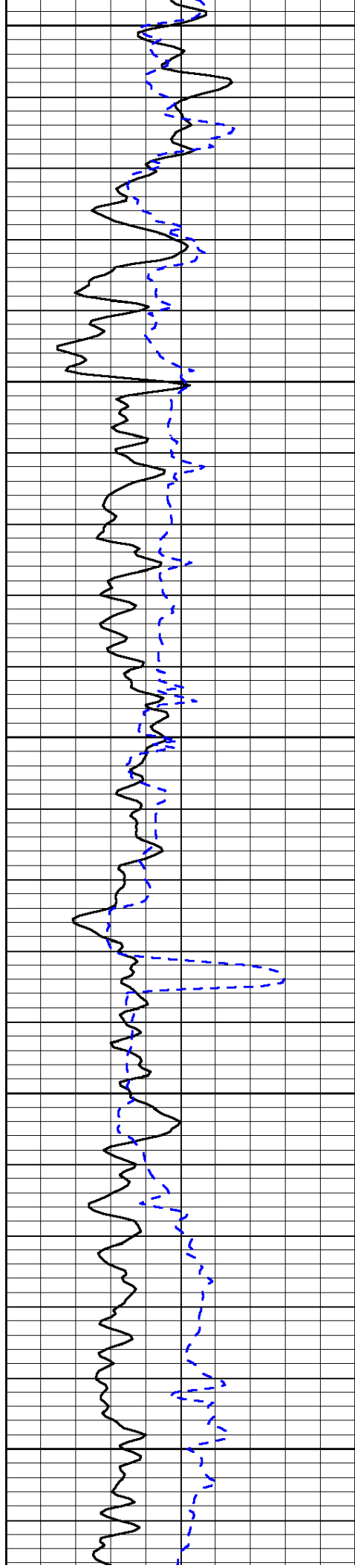
0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	Gamma Ray (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu)	-10
6	dCAL (in)	16		15000	LTEN (lb) (lb)	0
						LSPD (ft/min)

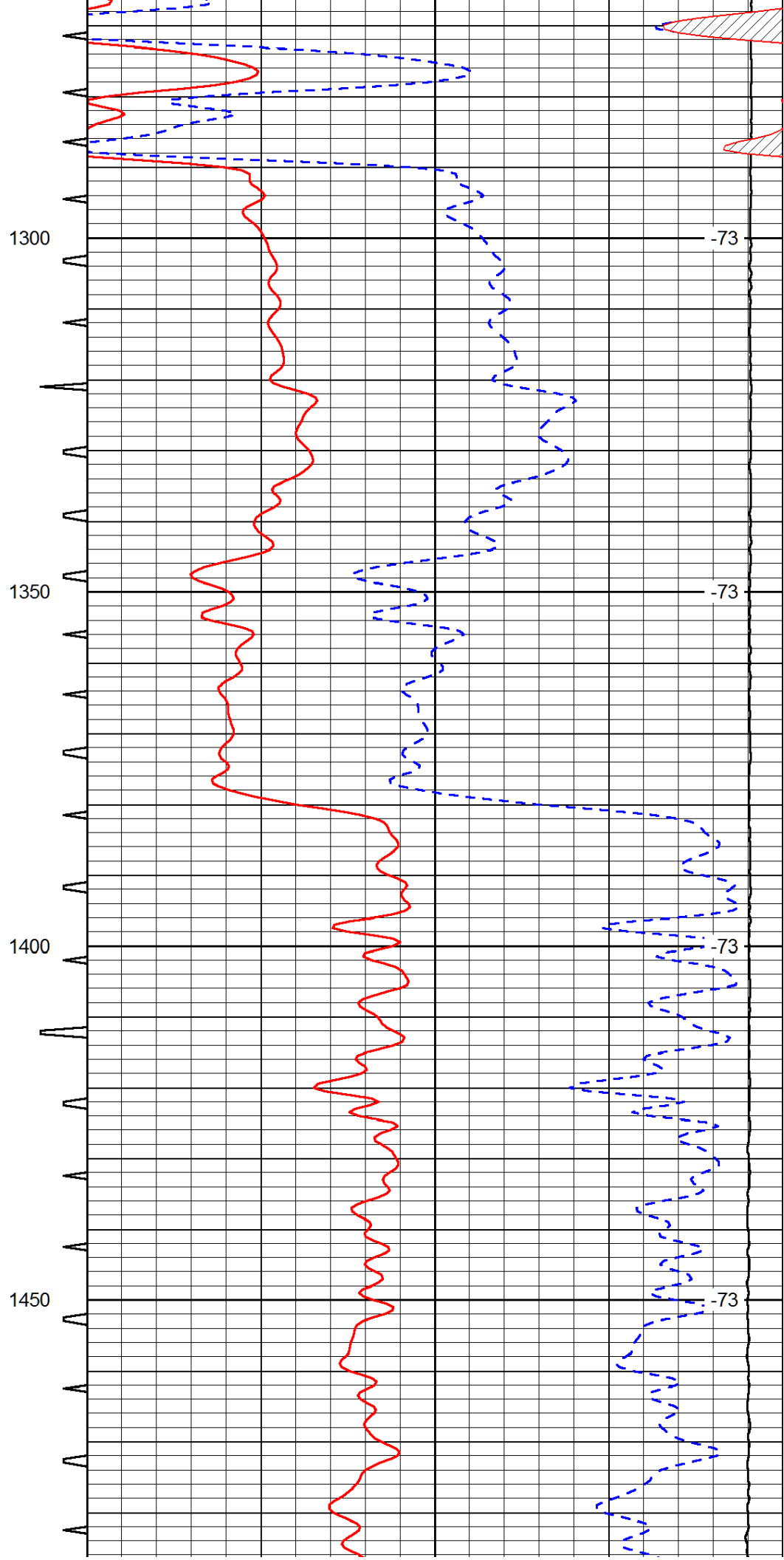
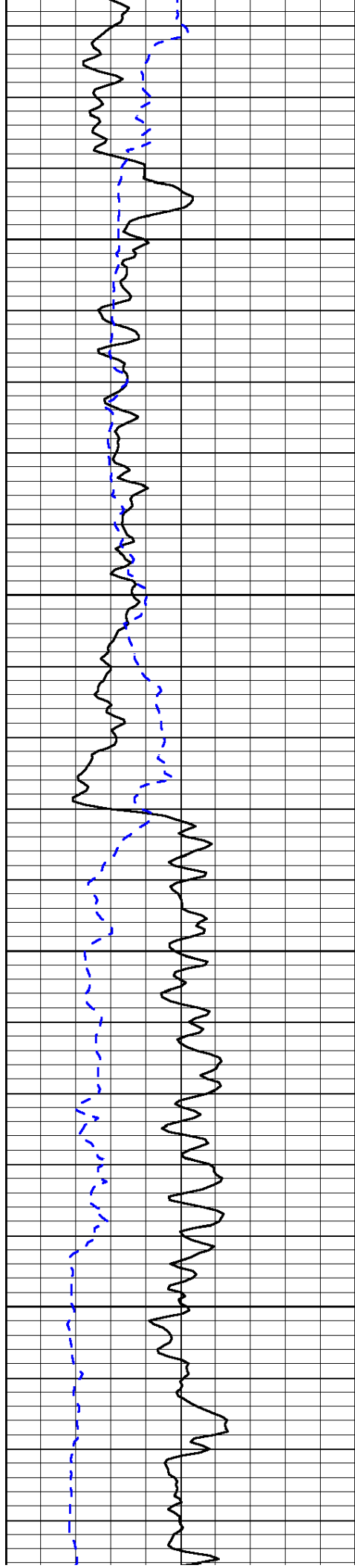


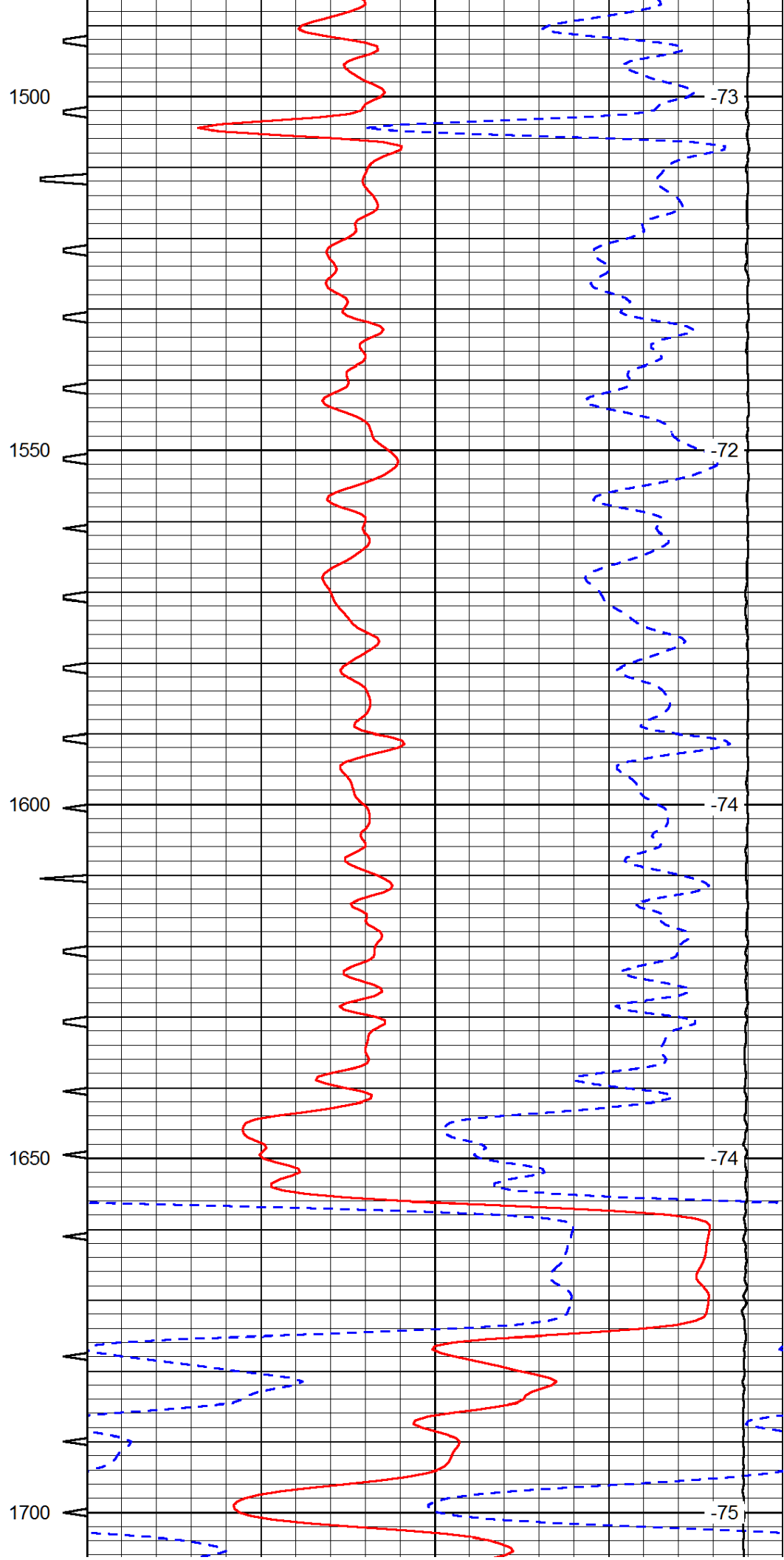
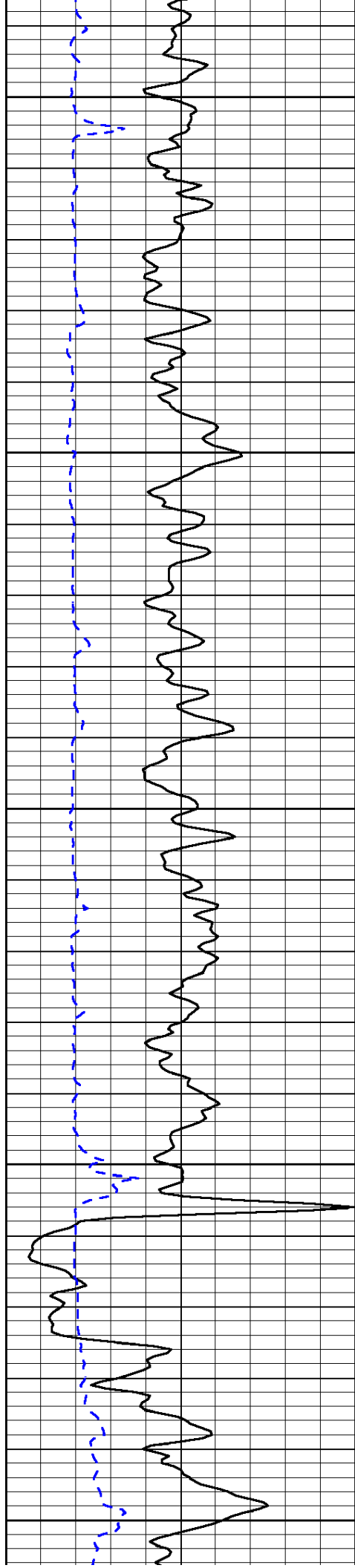


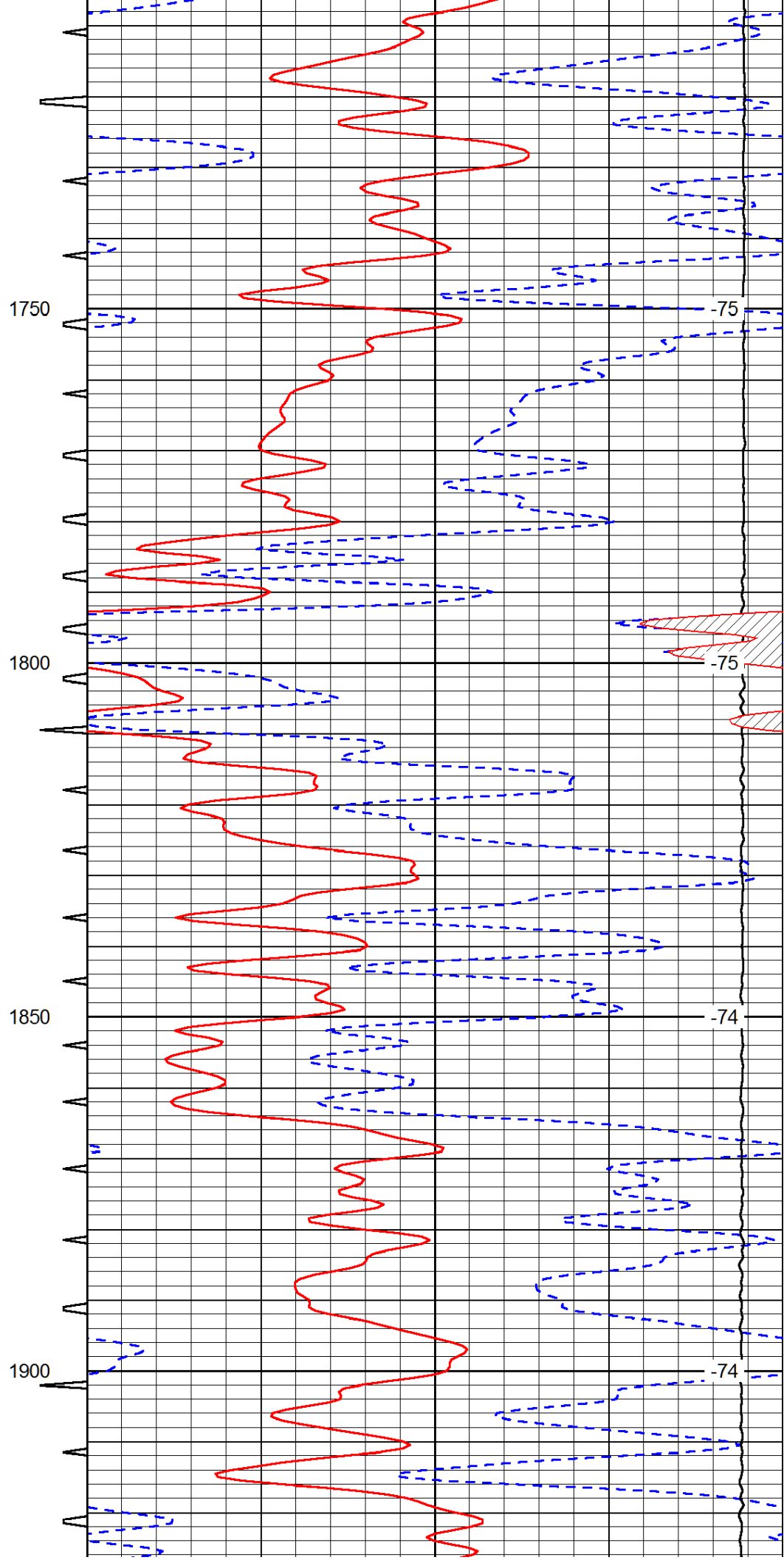
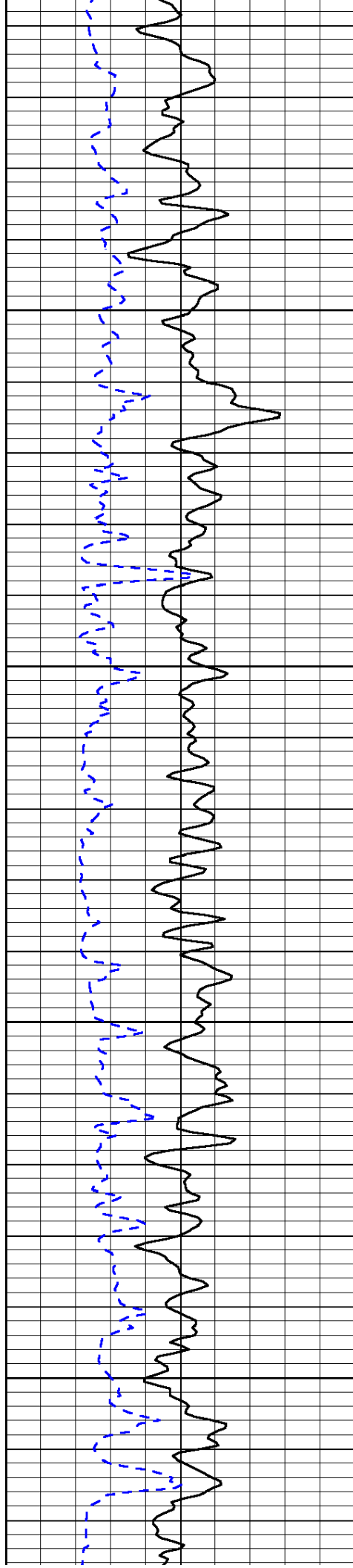


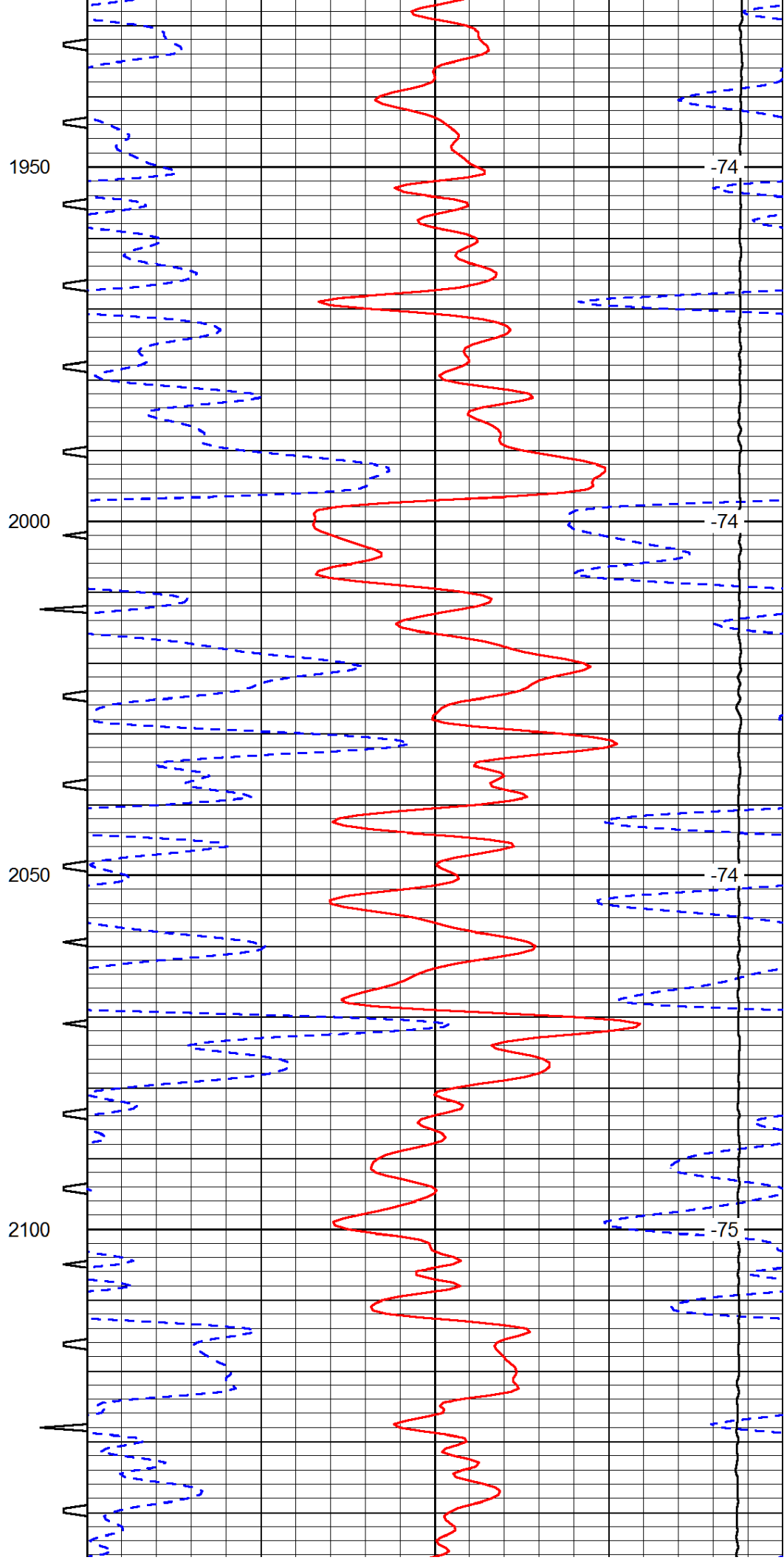
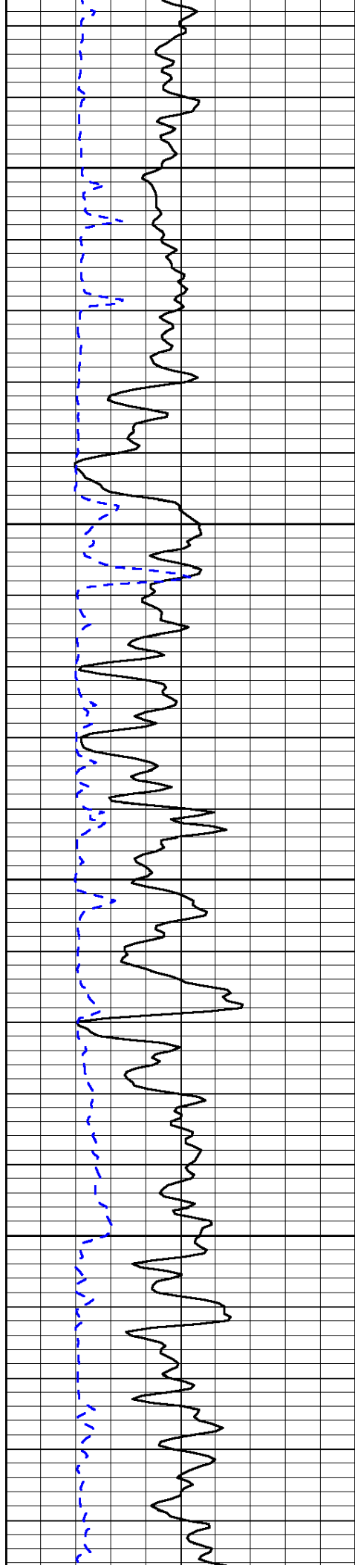


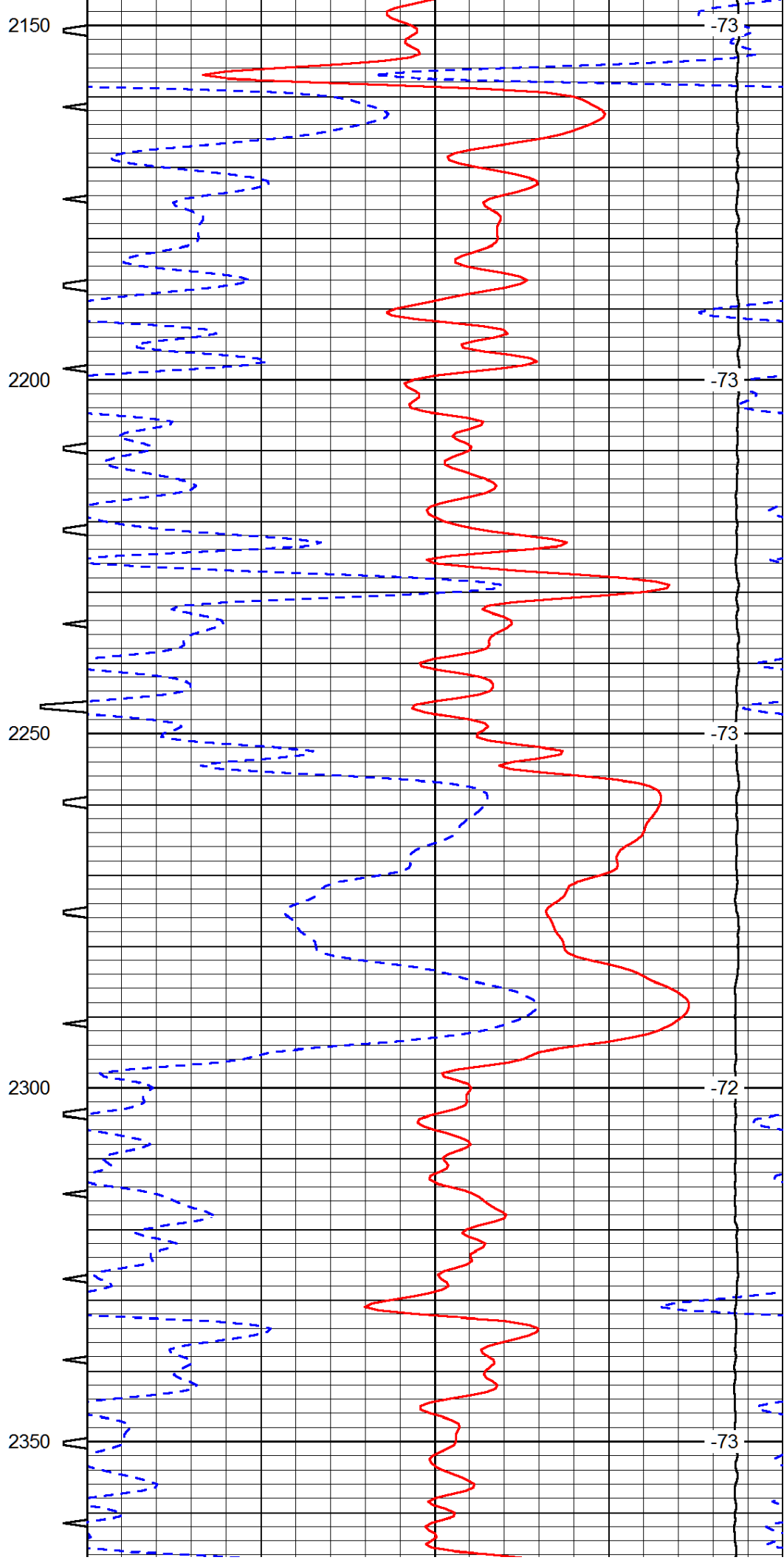
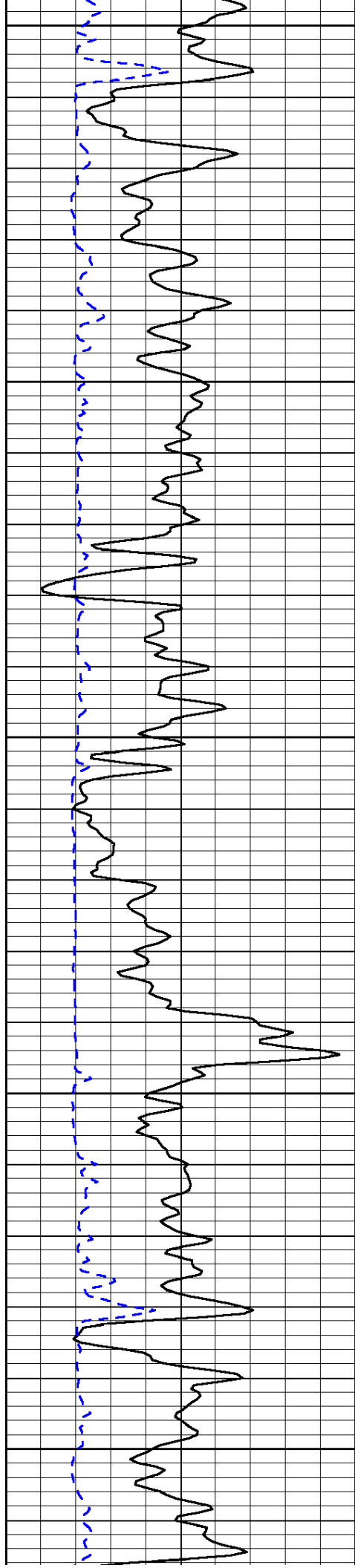


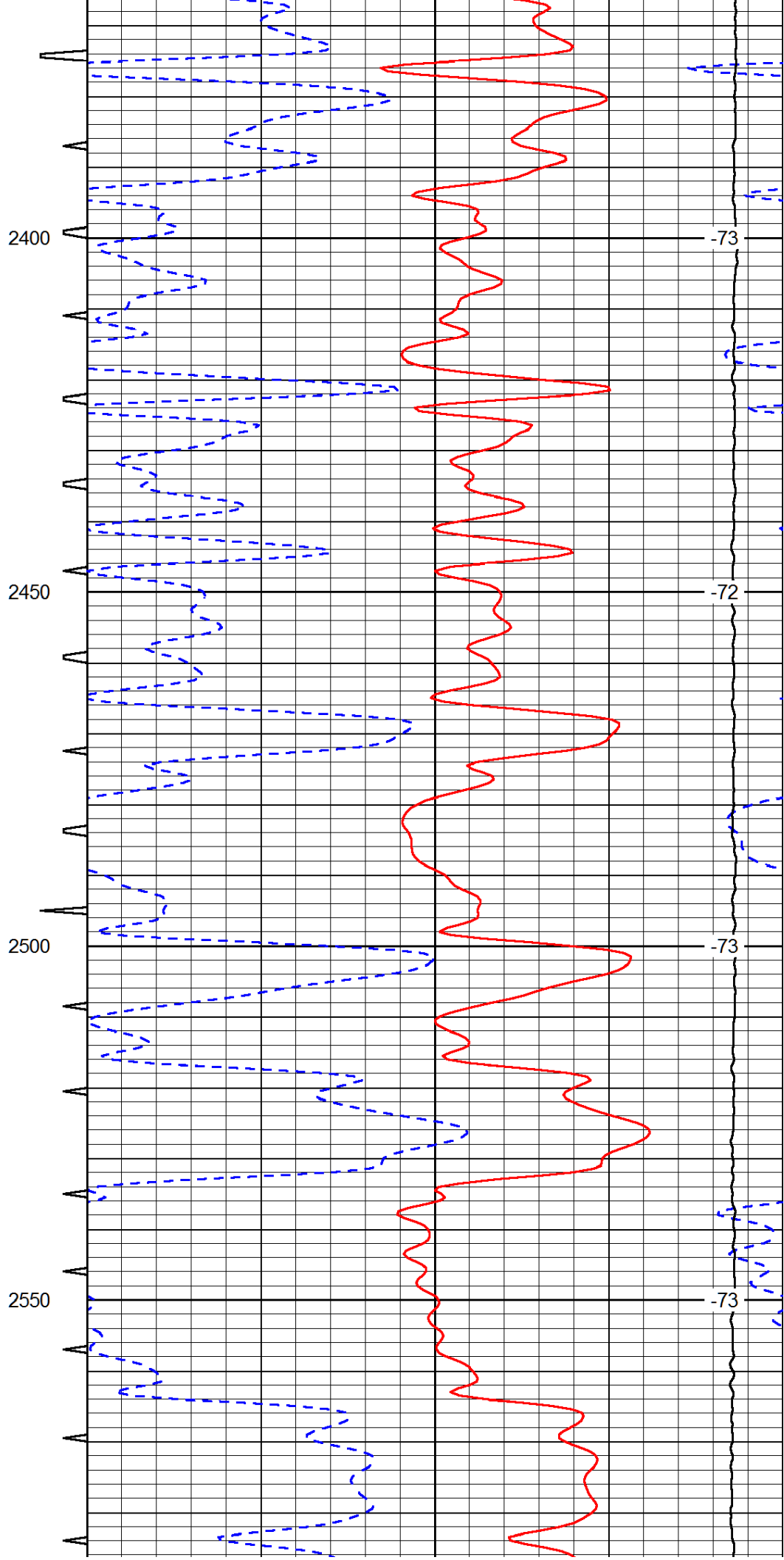
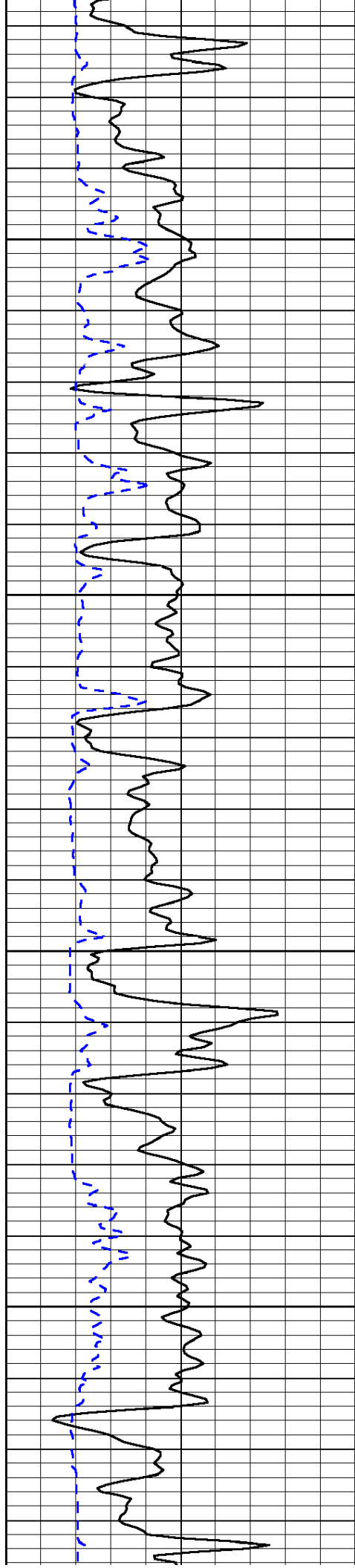


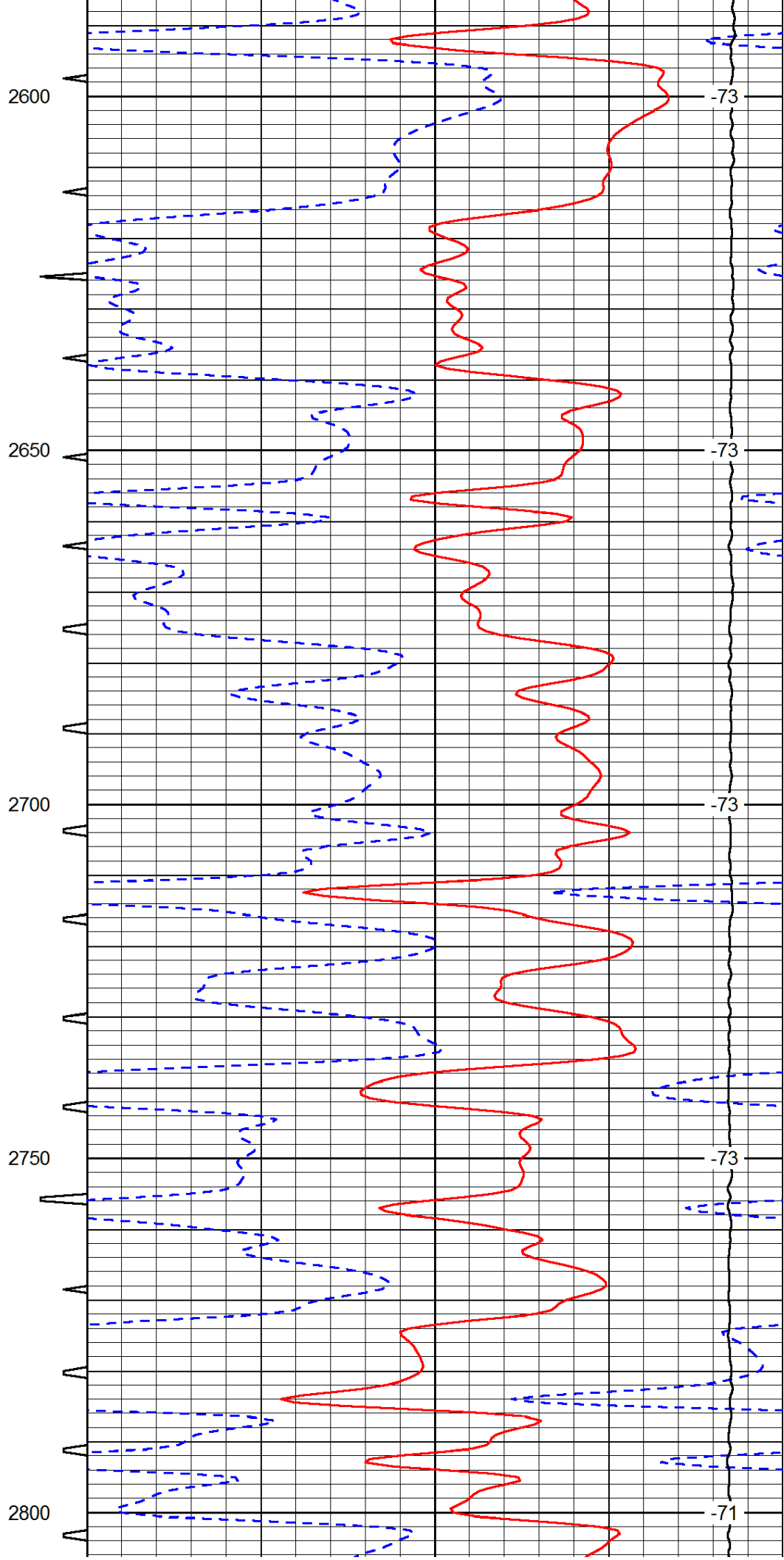
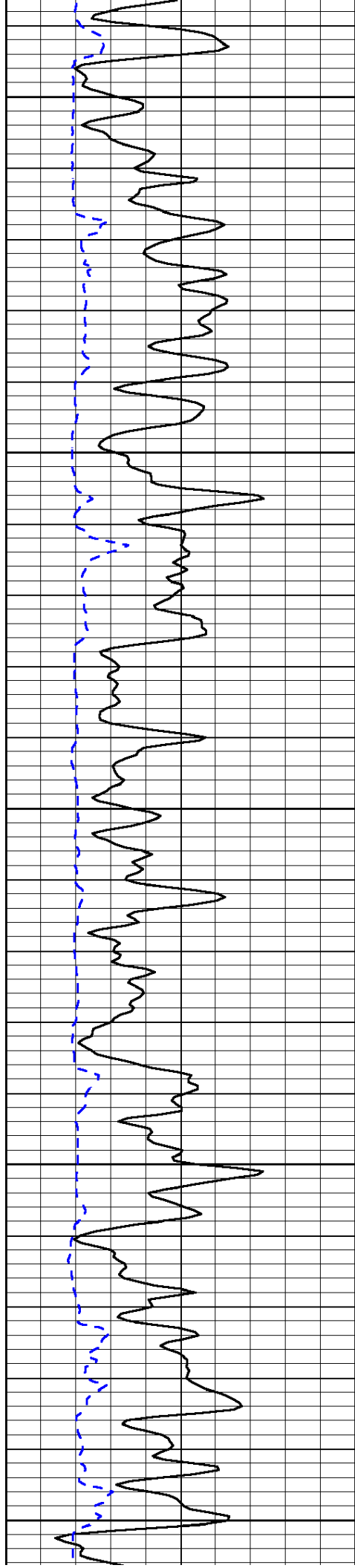


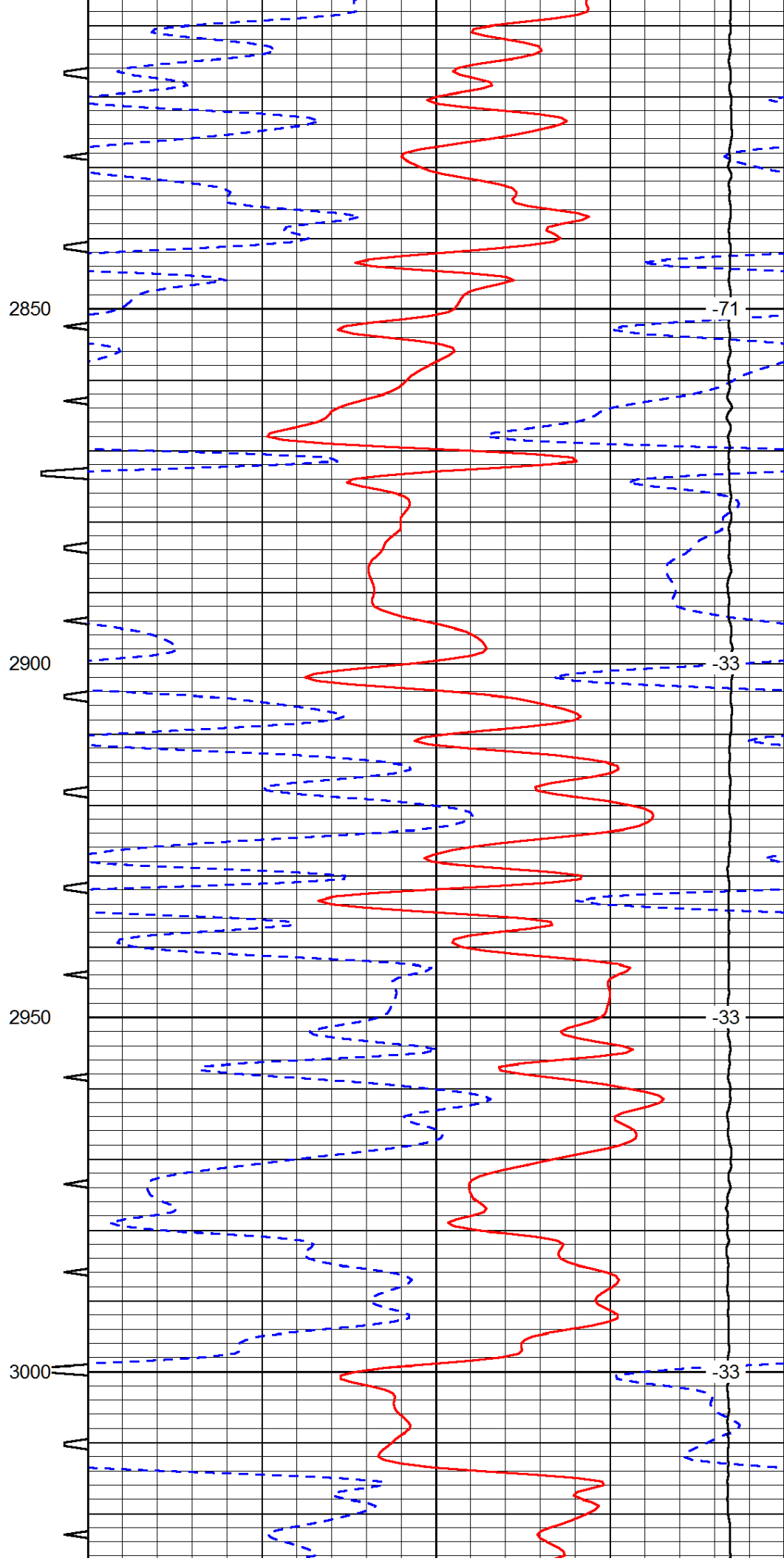
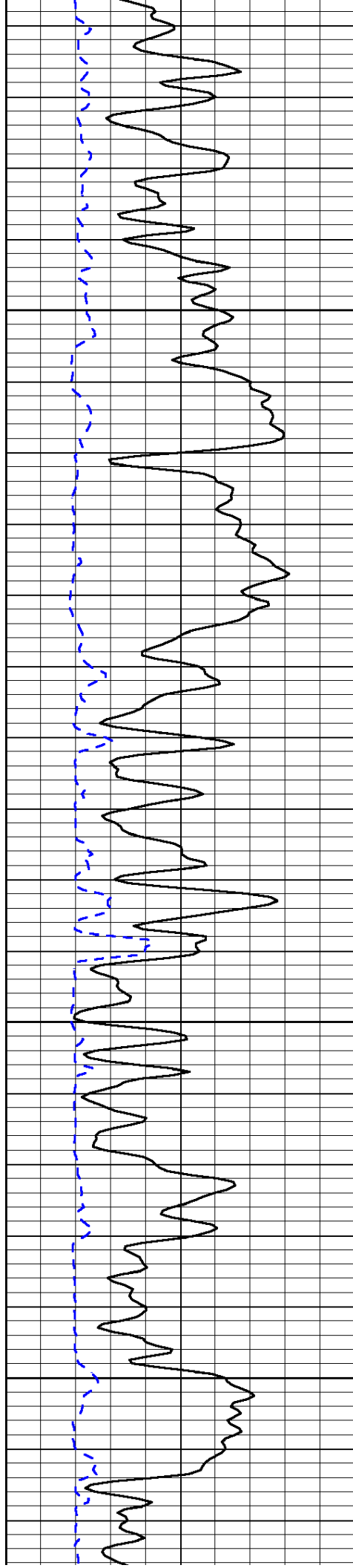


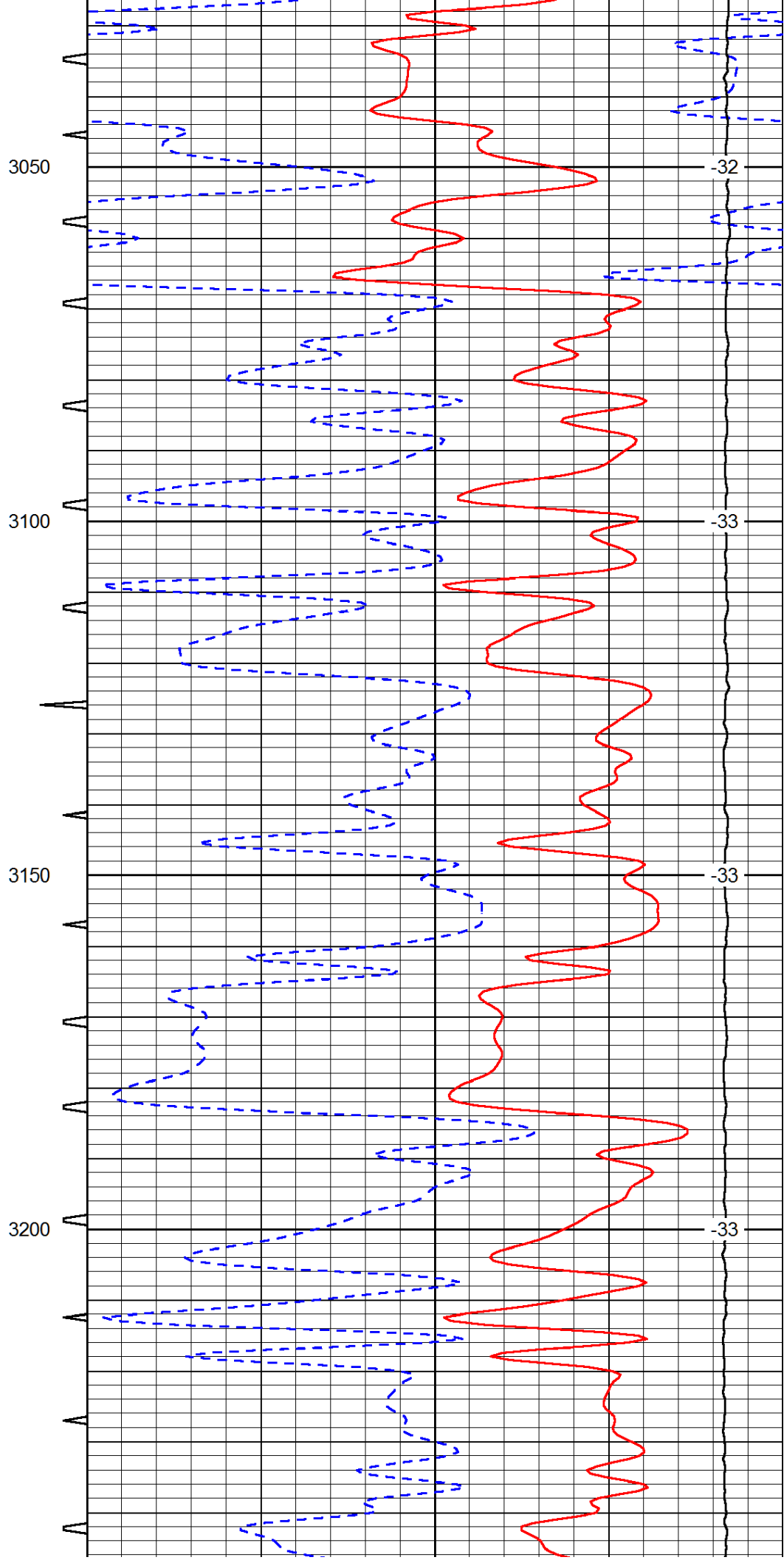
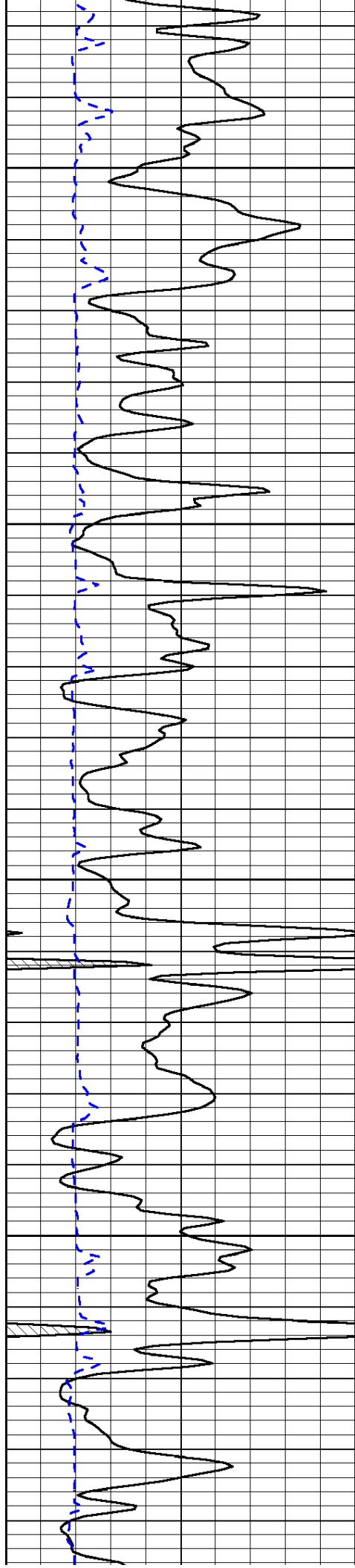


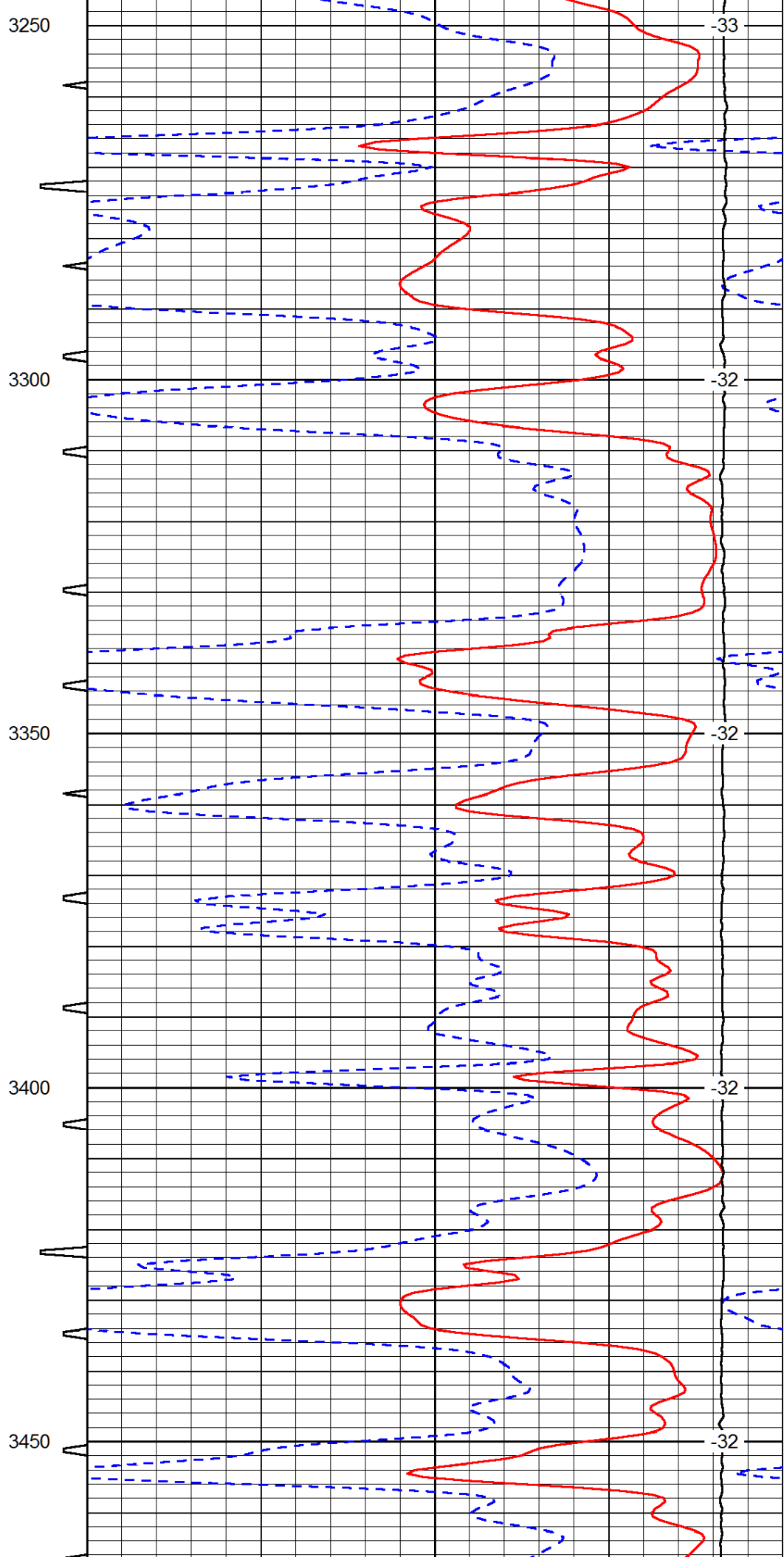
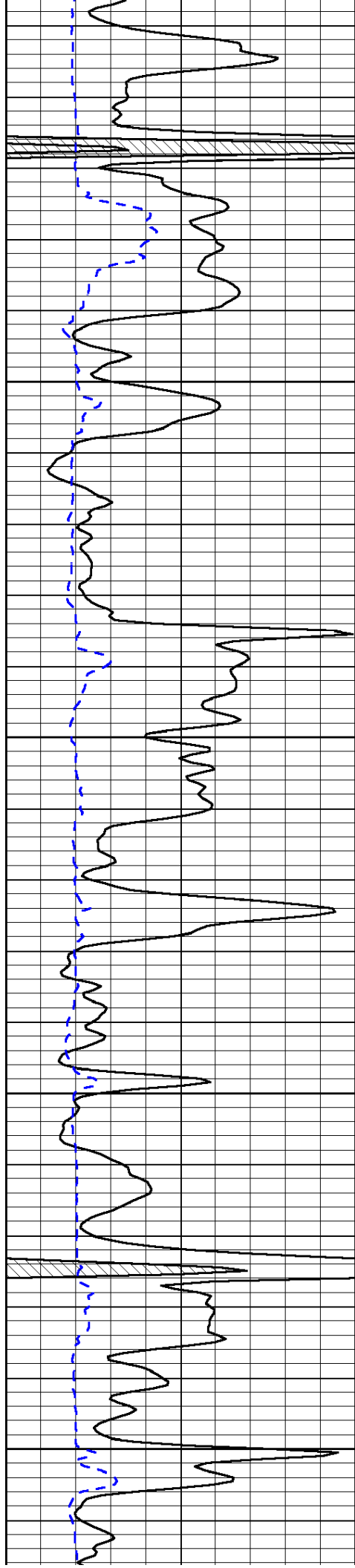


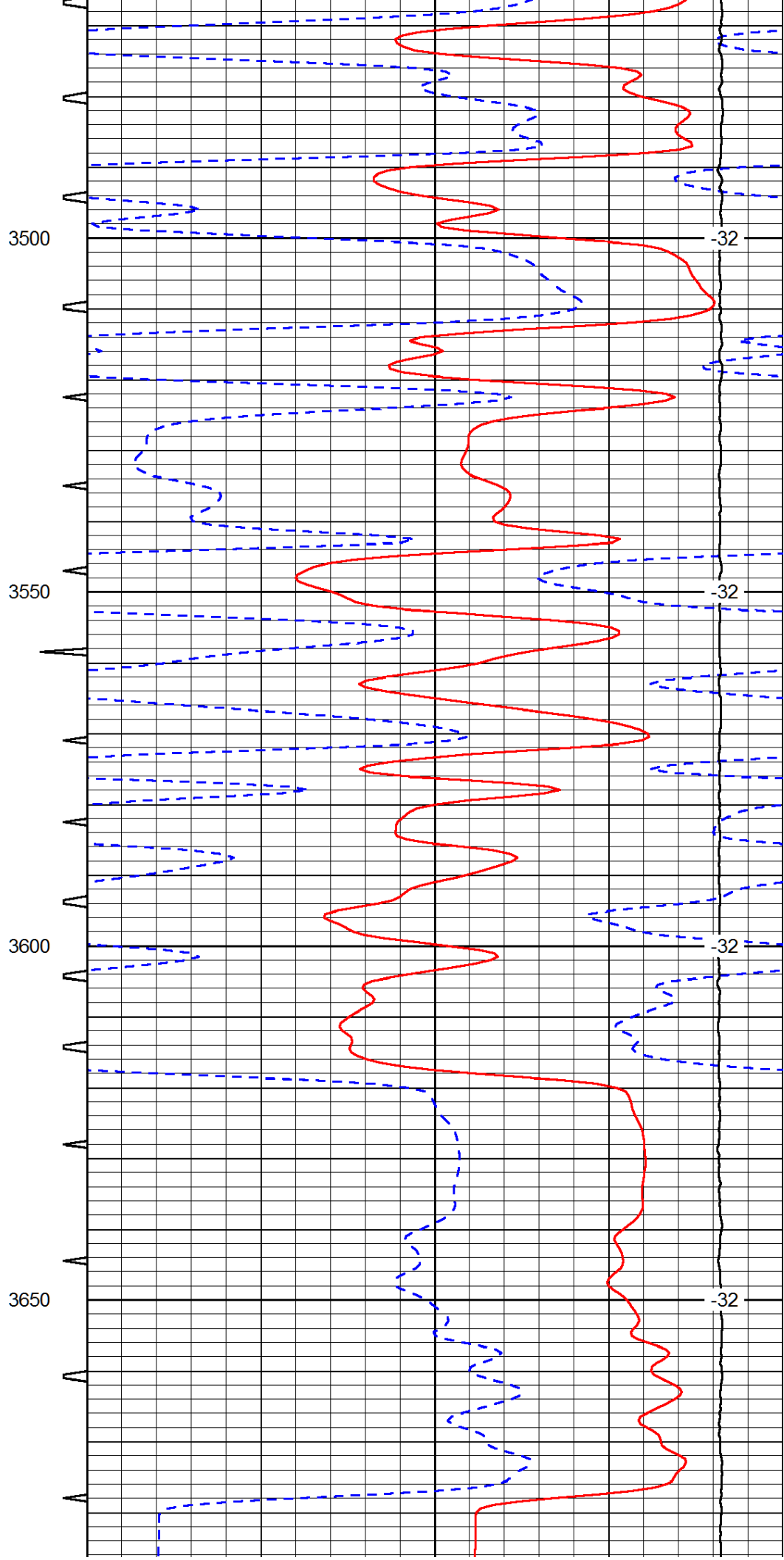
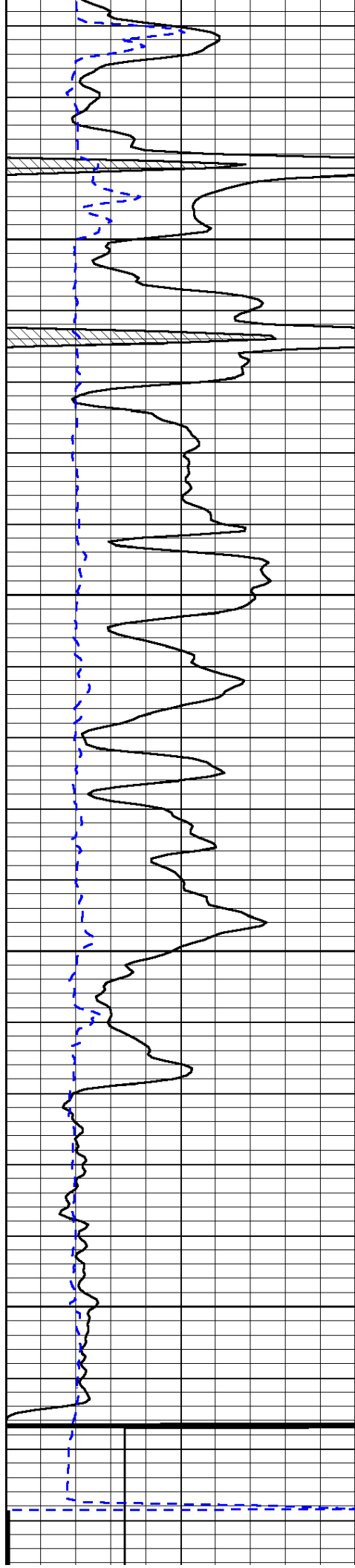












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