



Pioneer Energy Services

Borehole Compensated Sonic Log

15-009-25,815-00-00

API No.

Company **RJM Company**

Well **Doll # 3**

Field **Ames**

County **Barton**

State **Kansas**

Location

330' FSL & 1860' FWL

Other Services
CNL/CDL
MEL/DIL

Sec: 27

Twp: 18S

Rge: 11W

Elevation

Permanent Datum Ground Level Elevation 1784
Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 1793
D.F.
G.L. 1784

Date

3/10/2013

Run Number

Two

Type Log

BHC Sonic

Depth Driller

3455

Depth Logger

3458

Bottom Logged Interval

3447

Top Logged Interval

250

Type Fluid In Hole

Chemical

Salinity, PPM CL

5000

Density

9.3

Level

Full

Max. Rec. Temp. F

110

Operating Rig Time

4 Hours

Equipment -- Location

15 Days

Recorded By

D Kerr

Witnessed By

Wyatt Urban

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

1

12.25

00

297

8.625

24#

00

297

2

7.875

297

3455

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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.

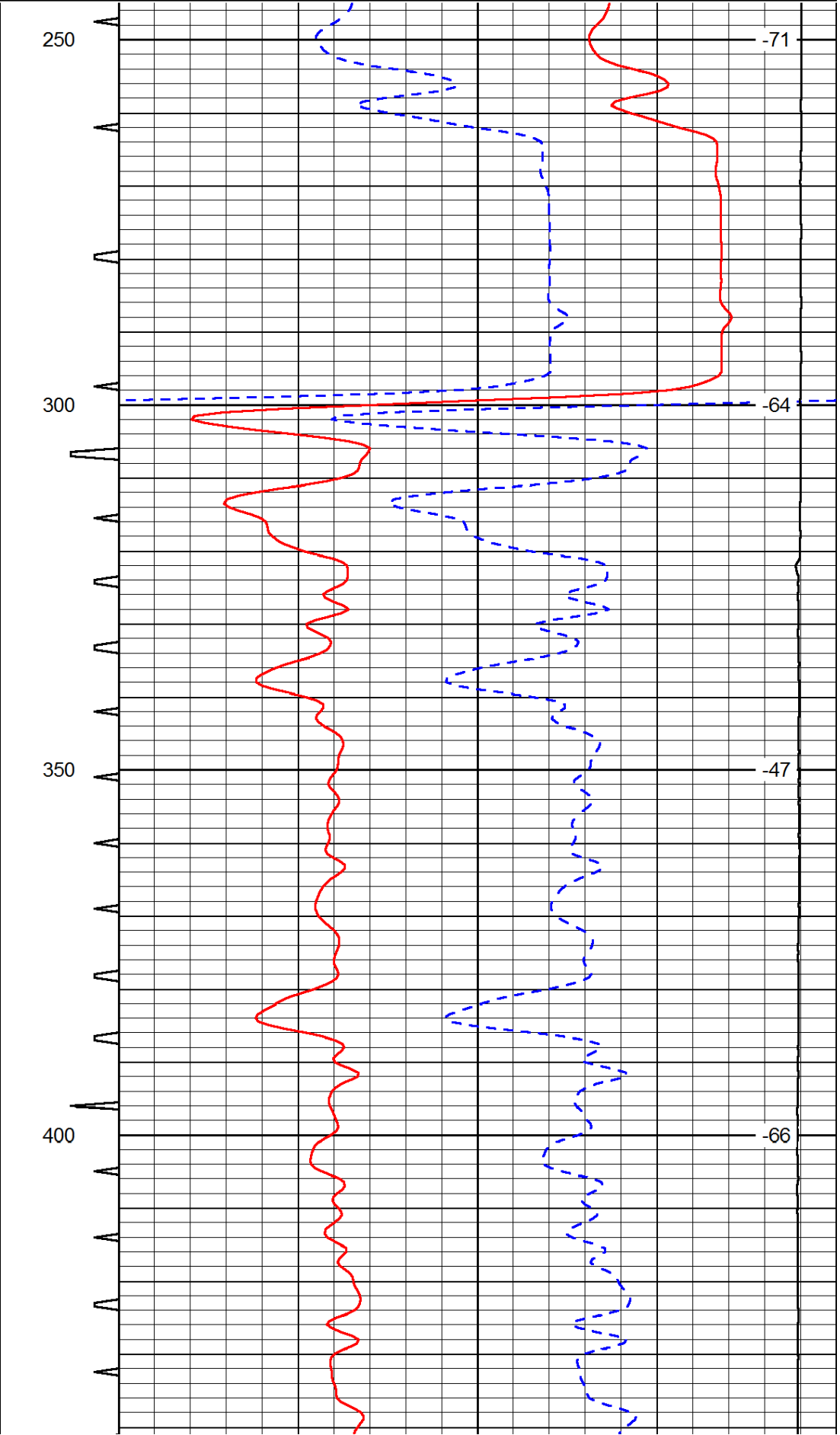
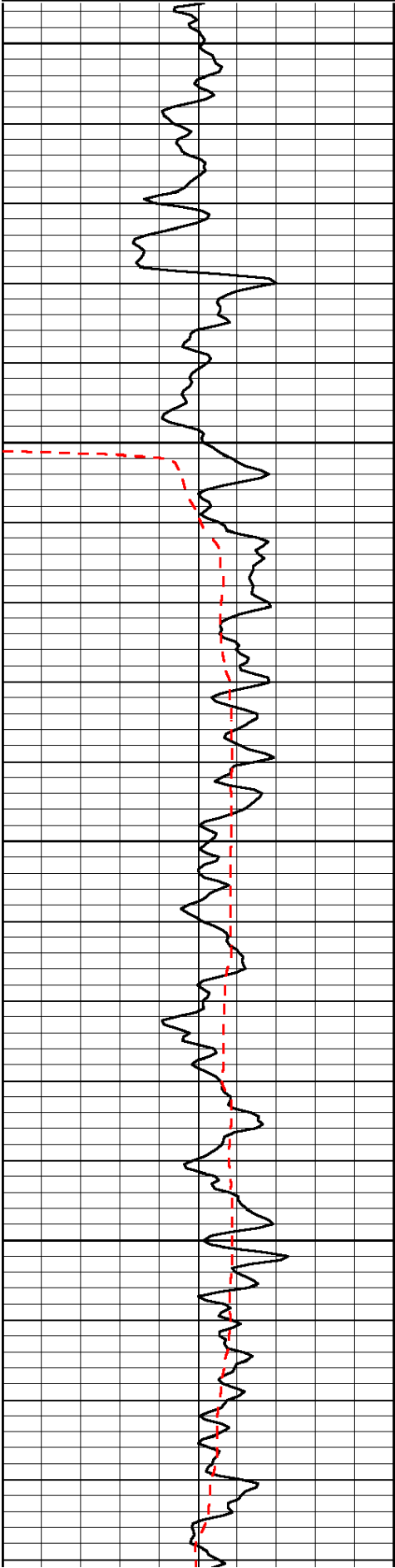
Comments

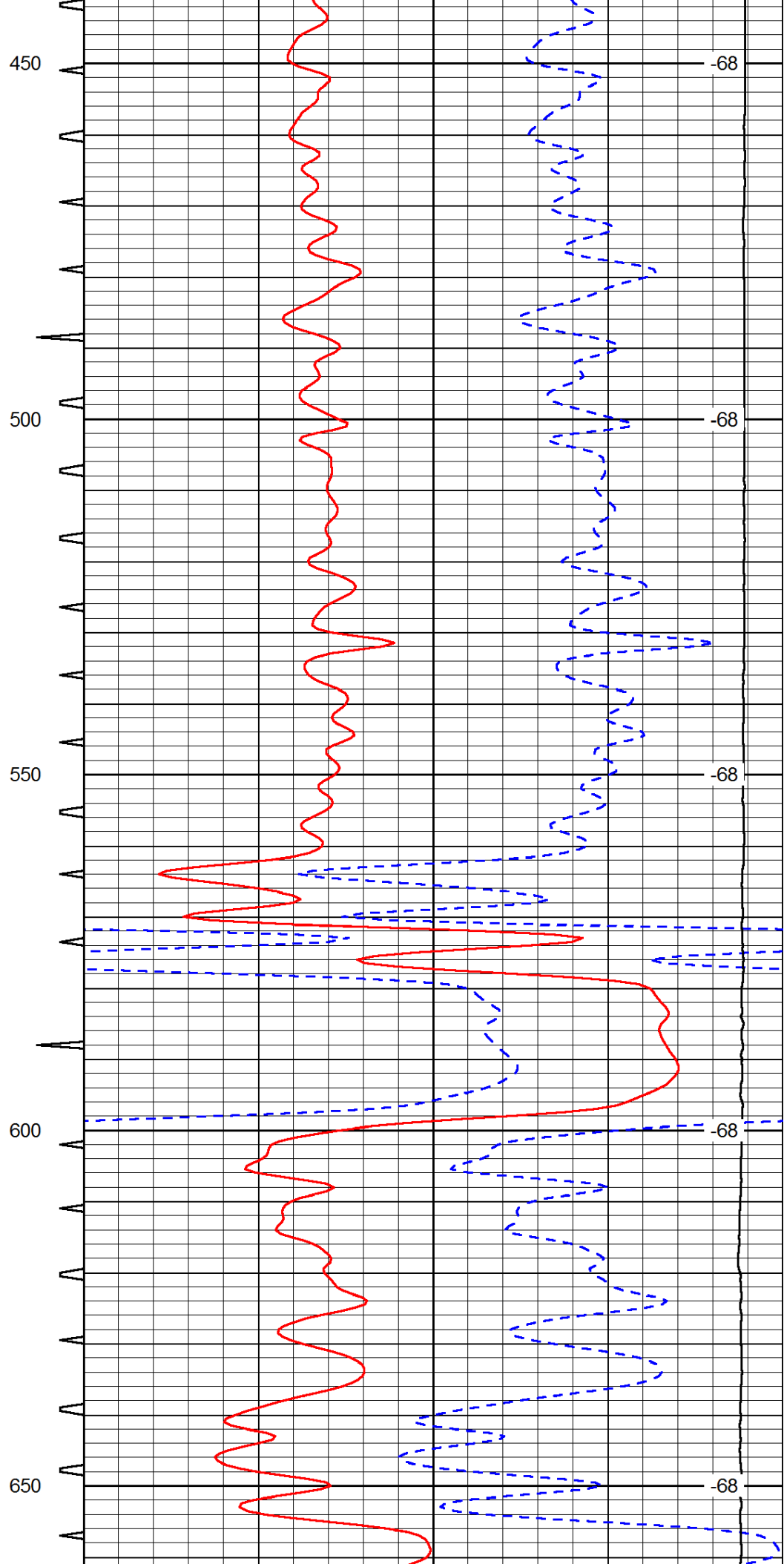
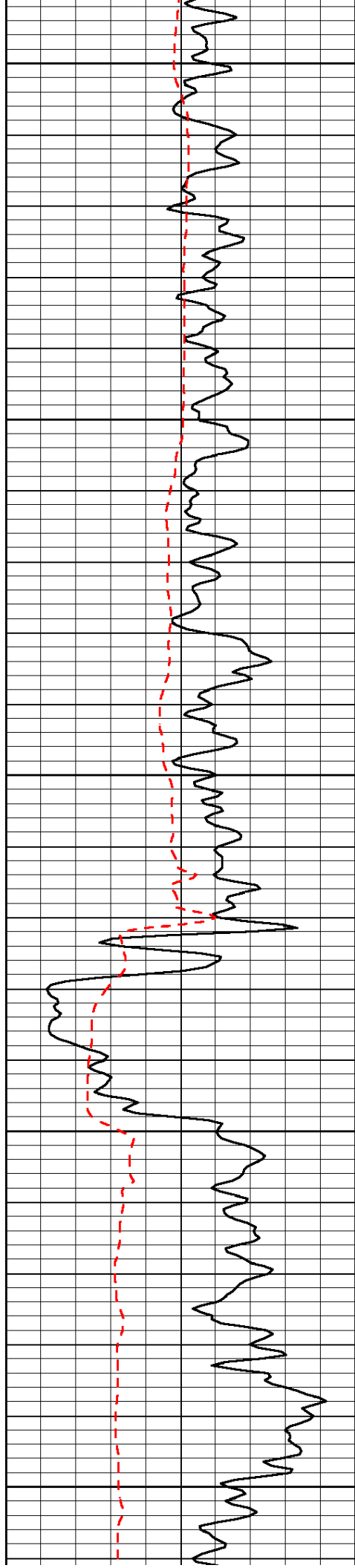
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

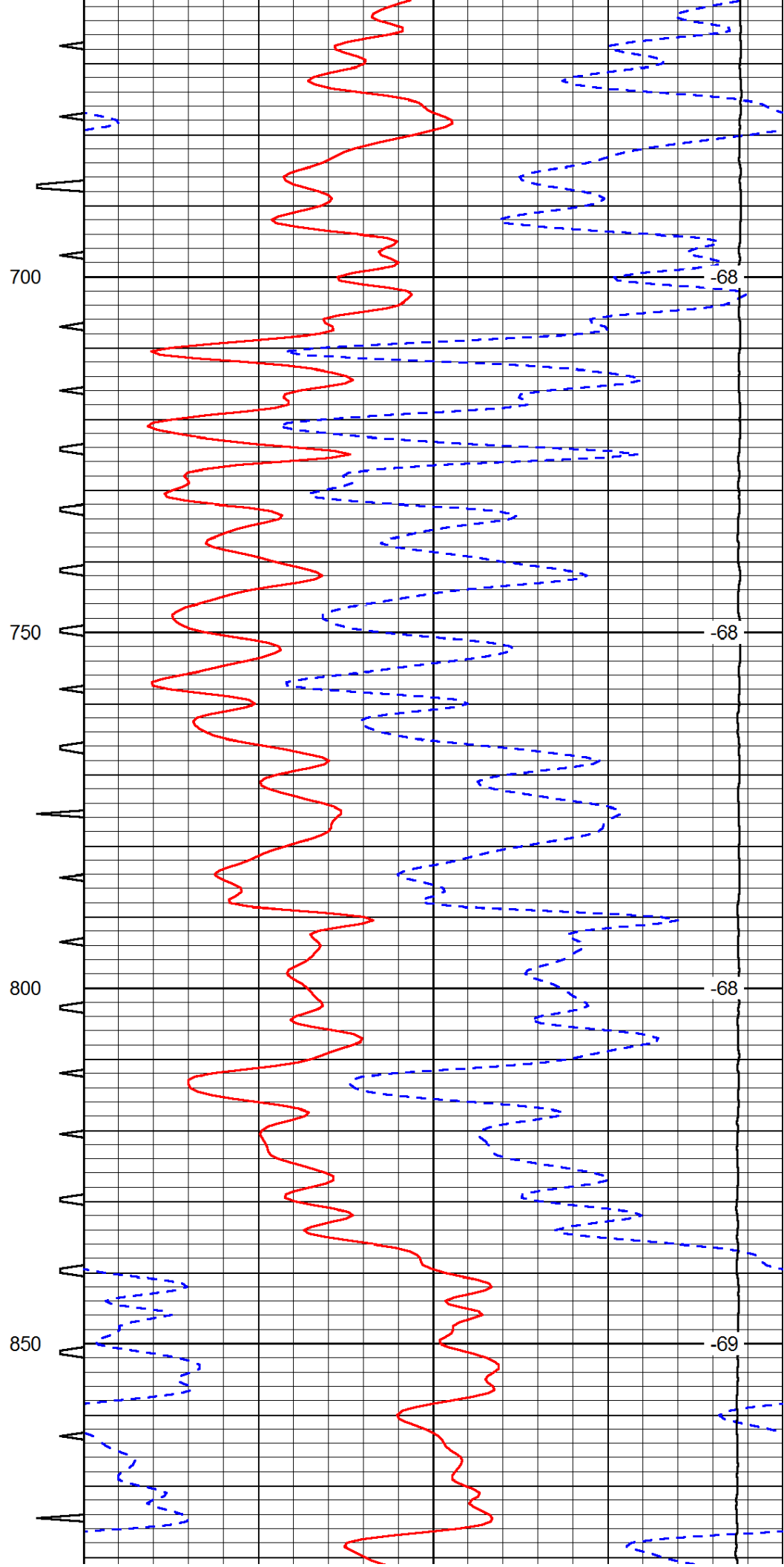
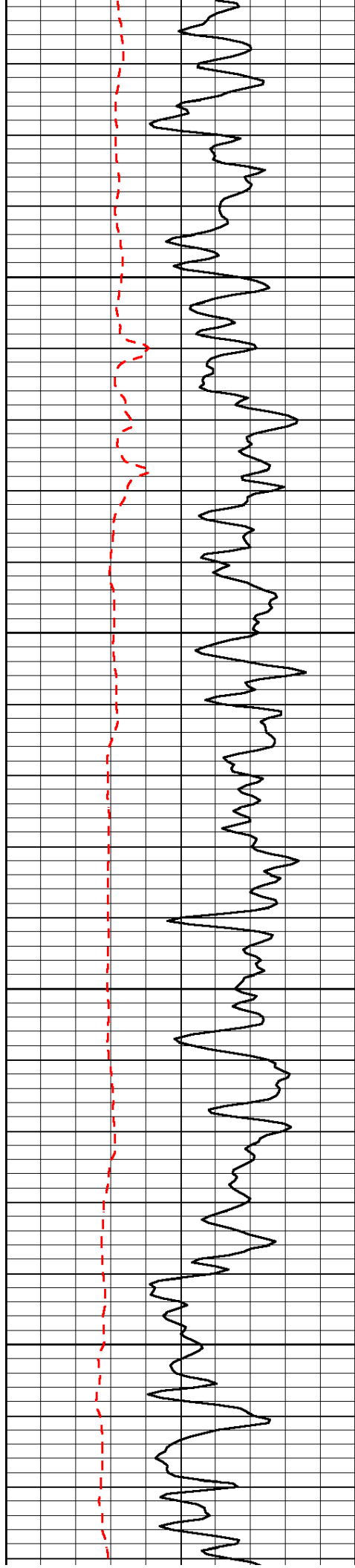
Claffin KS, 5 South

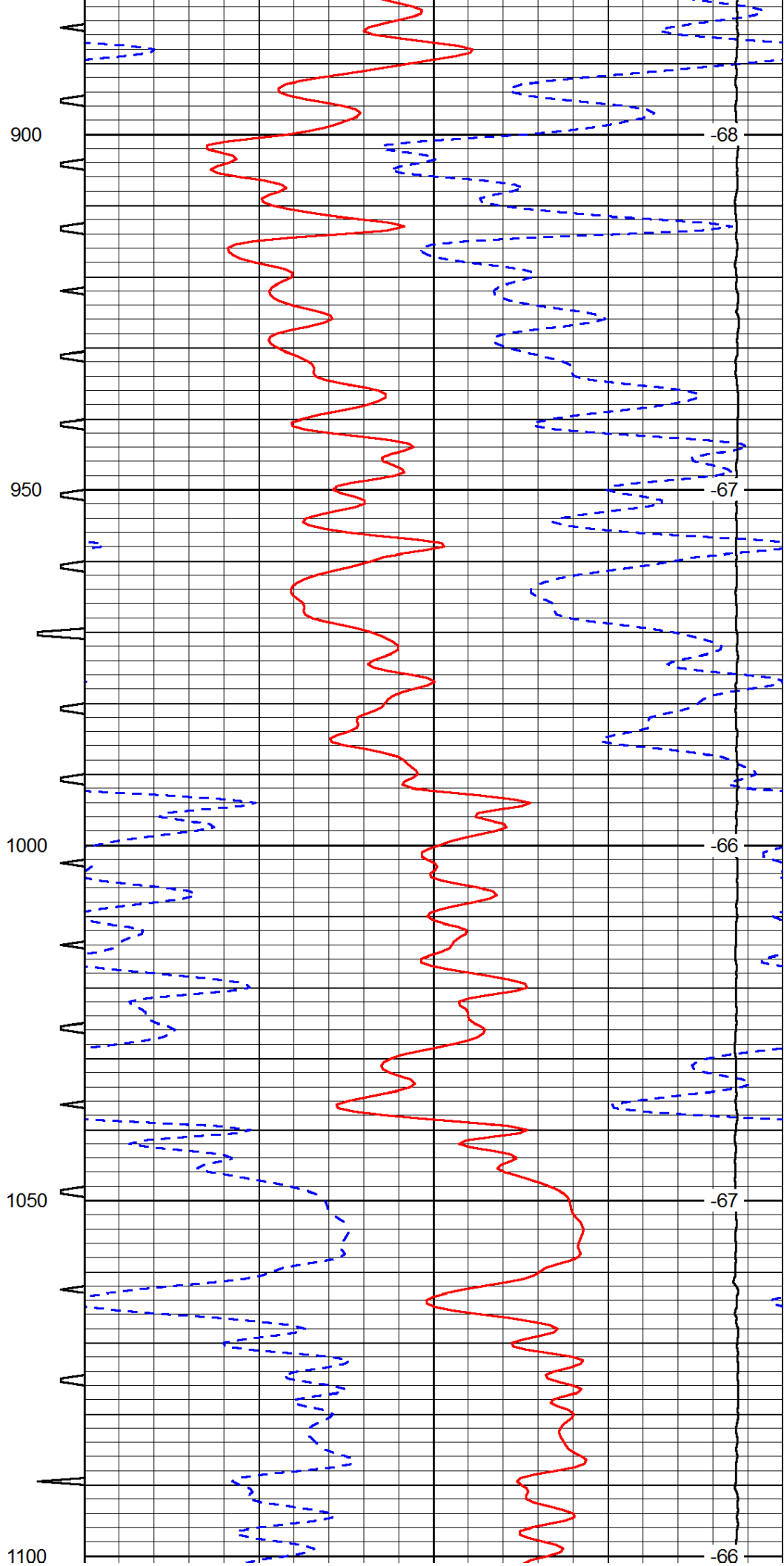
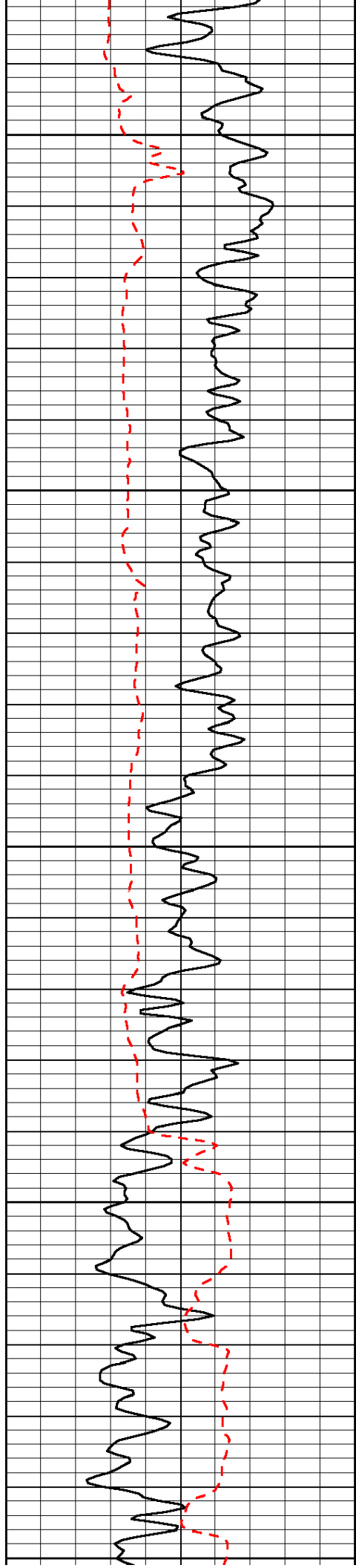
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Dataset Pathname: DIL\rjmstk
Presentation Format: sonic
Dataset Creation: Sun Mar 10 14:43:53 2013
Charted by: Depth in Feet scaled 1:240

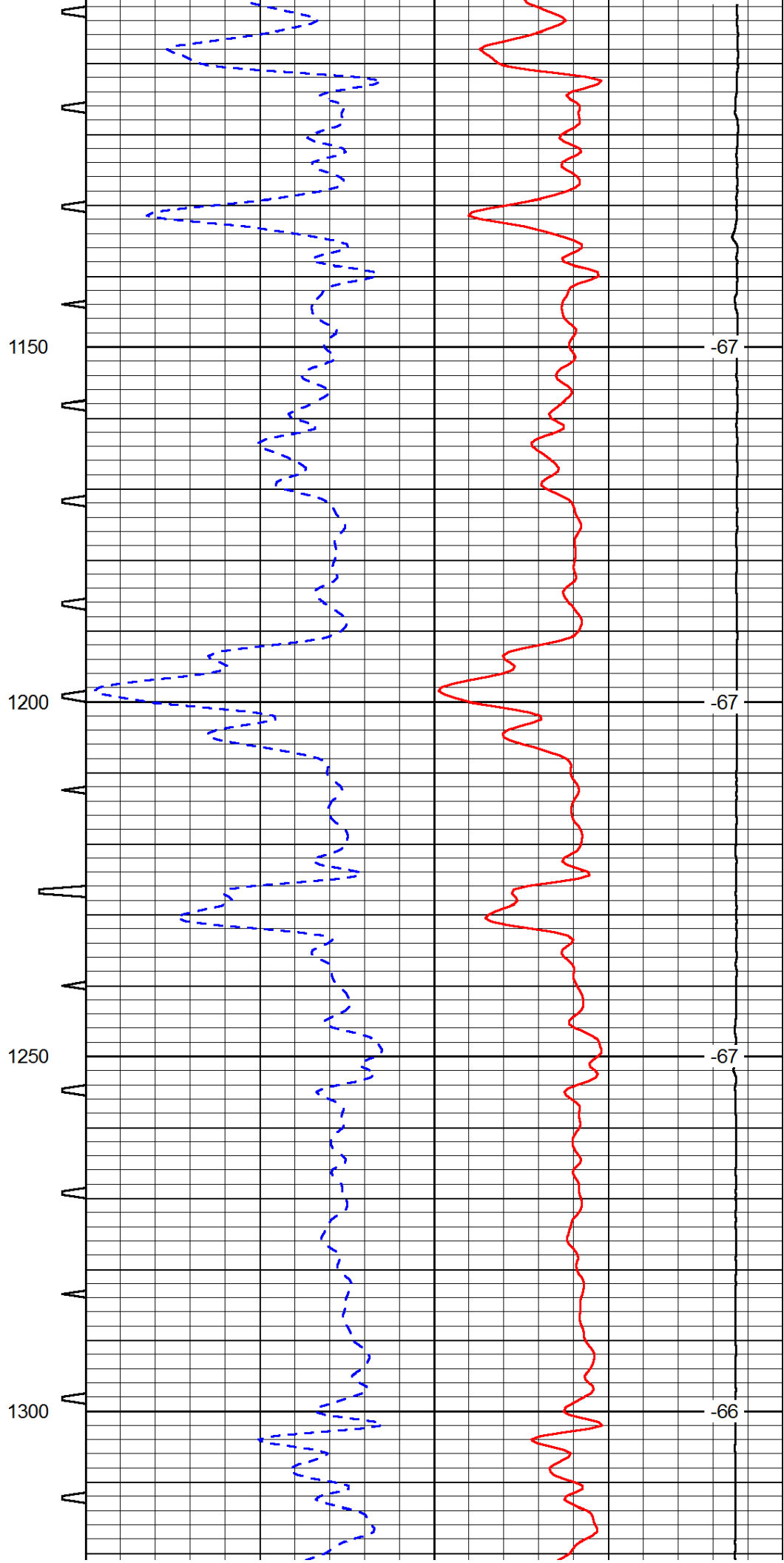
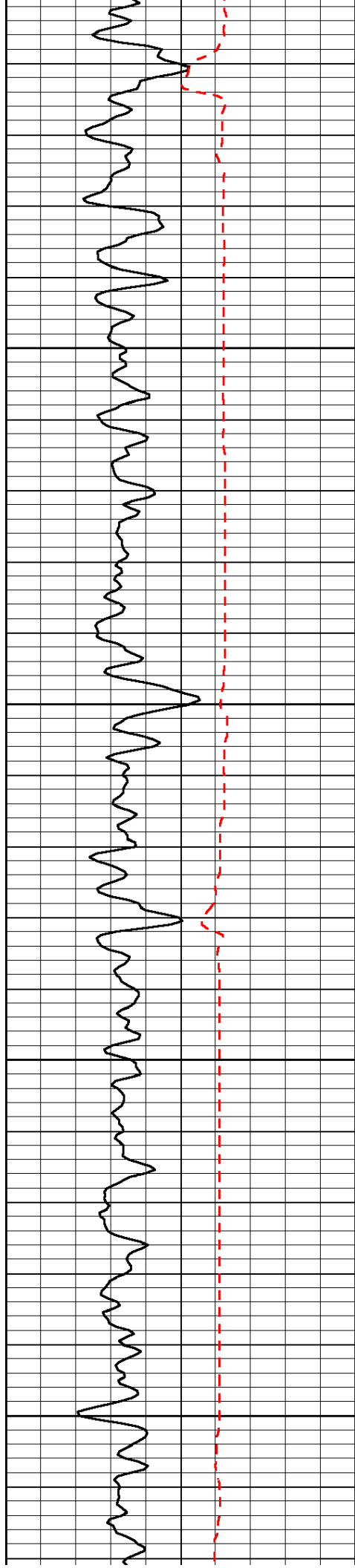
Charted by:			Depth in Feet scaled 1:2.15			
0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft)	40
150	Gamma Ray	300		30	SPOR	-10
6	Caliper (GAPI)	16		15000	LTEN (lb)	0
					LSPD	

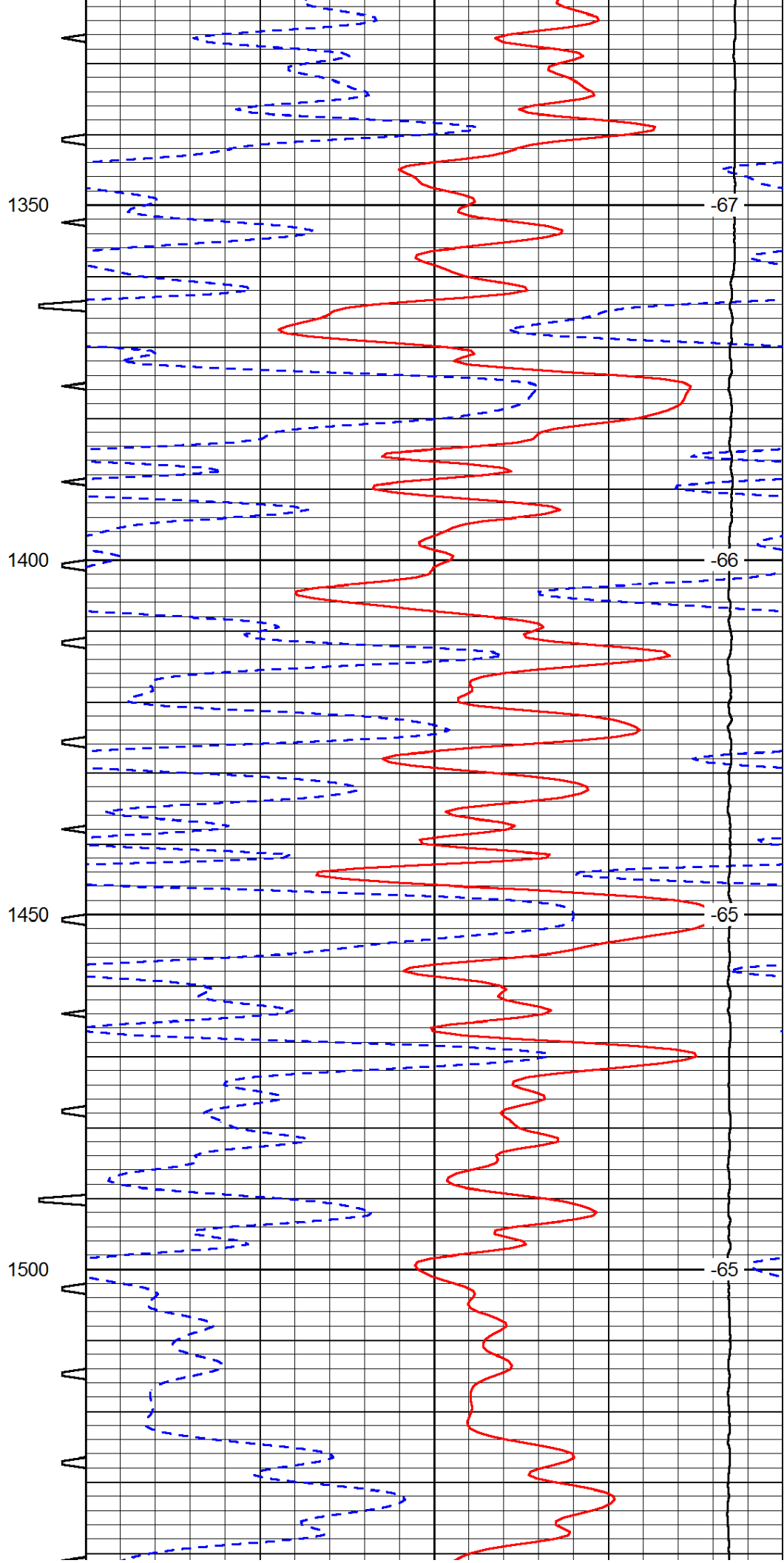
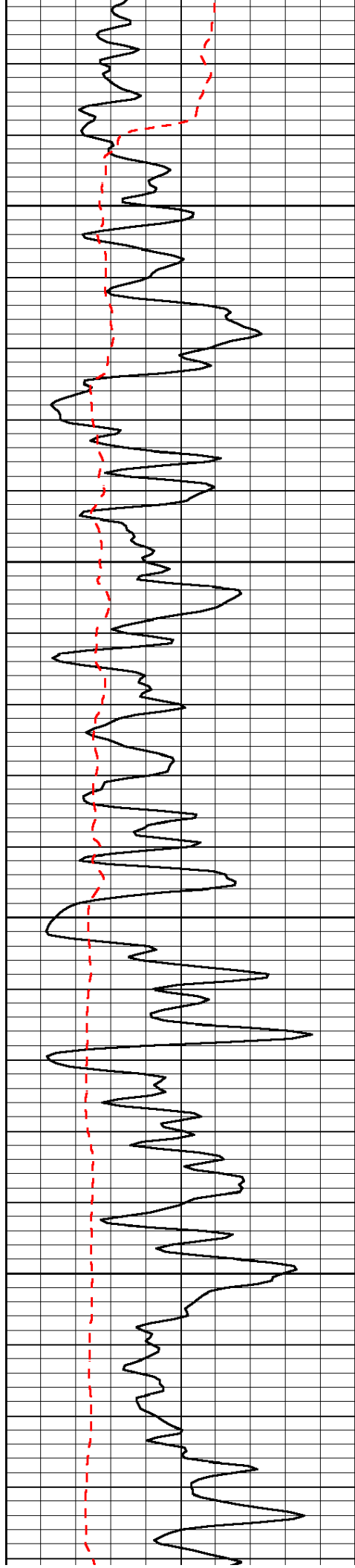


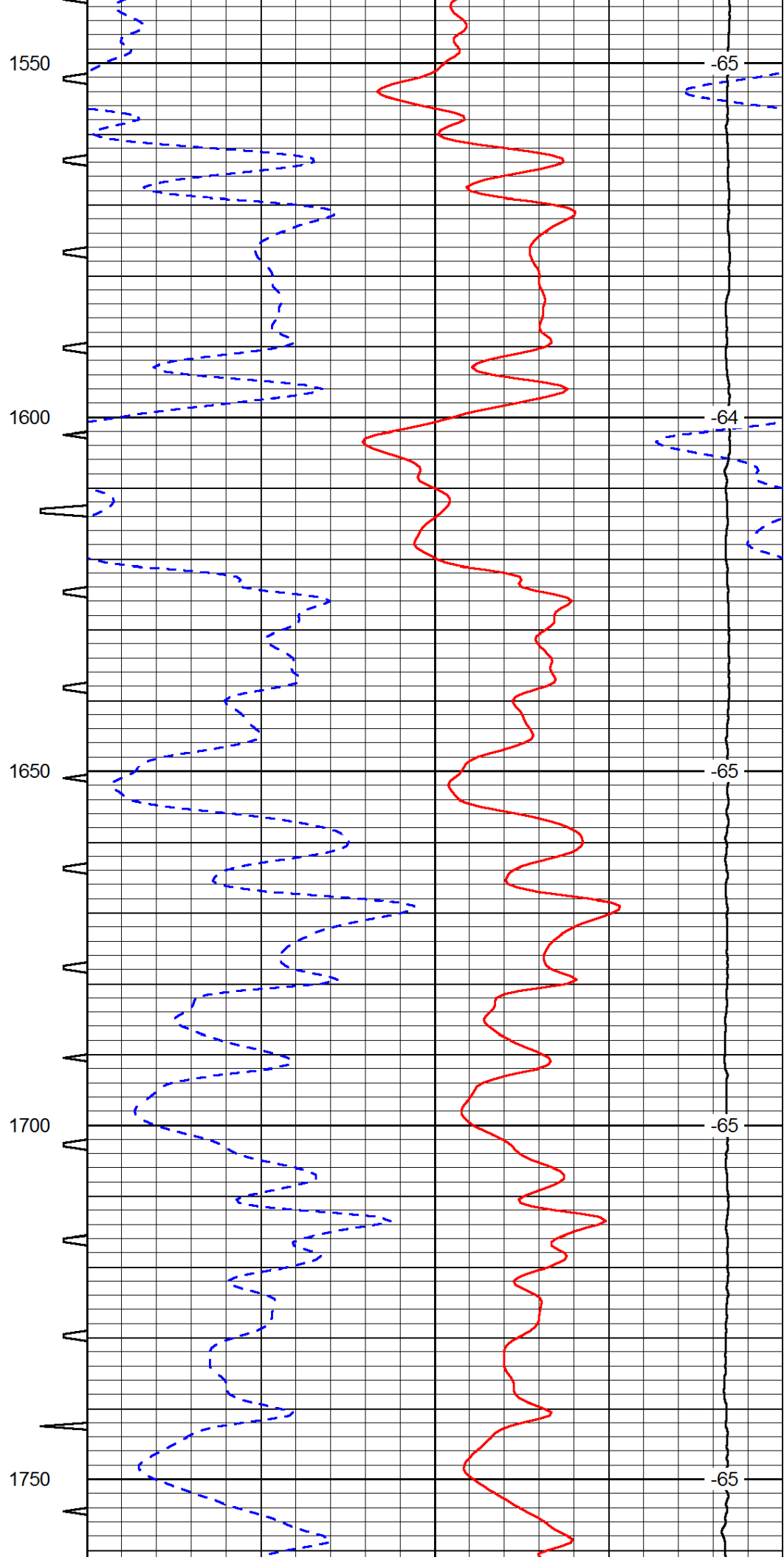
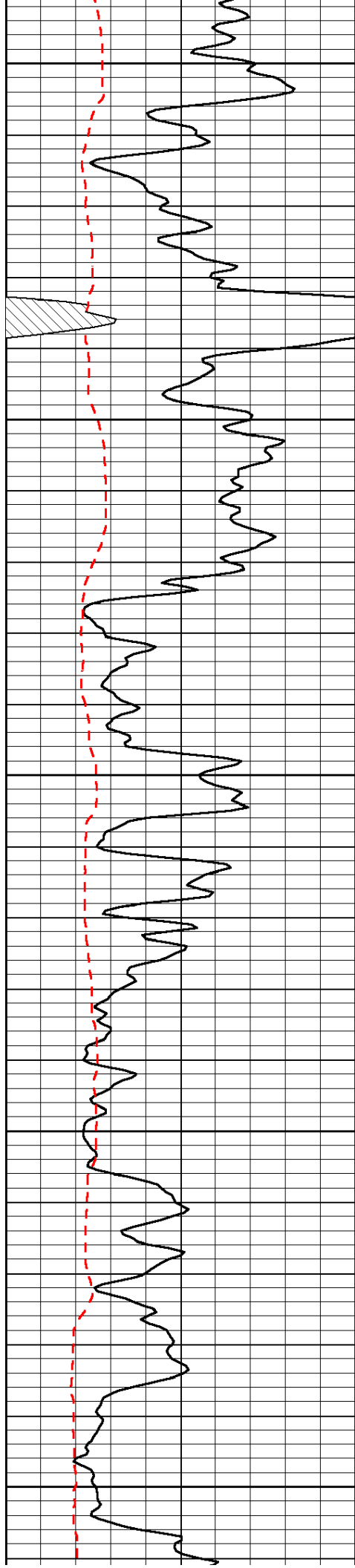


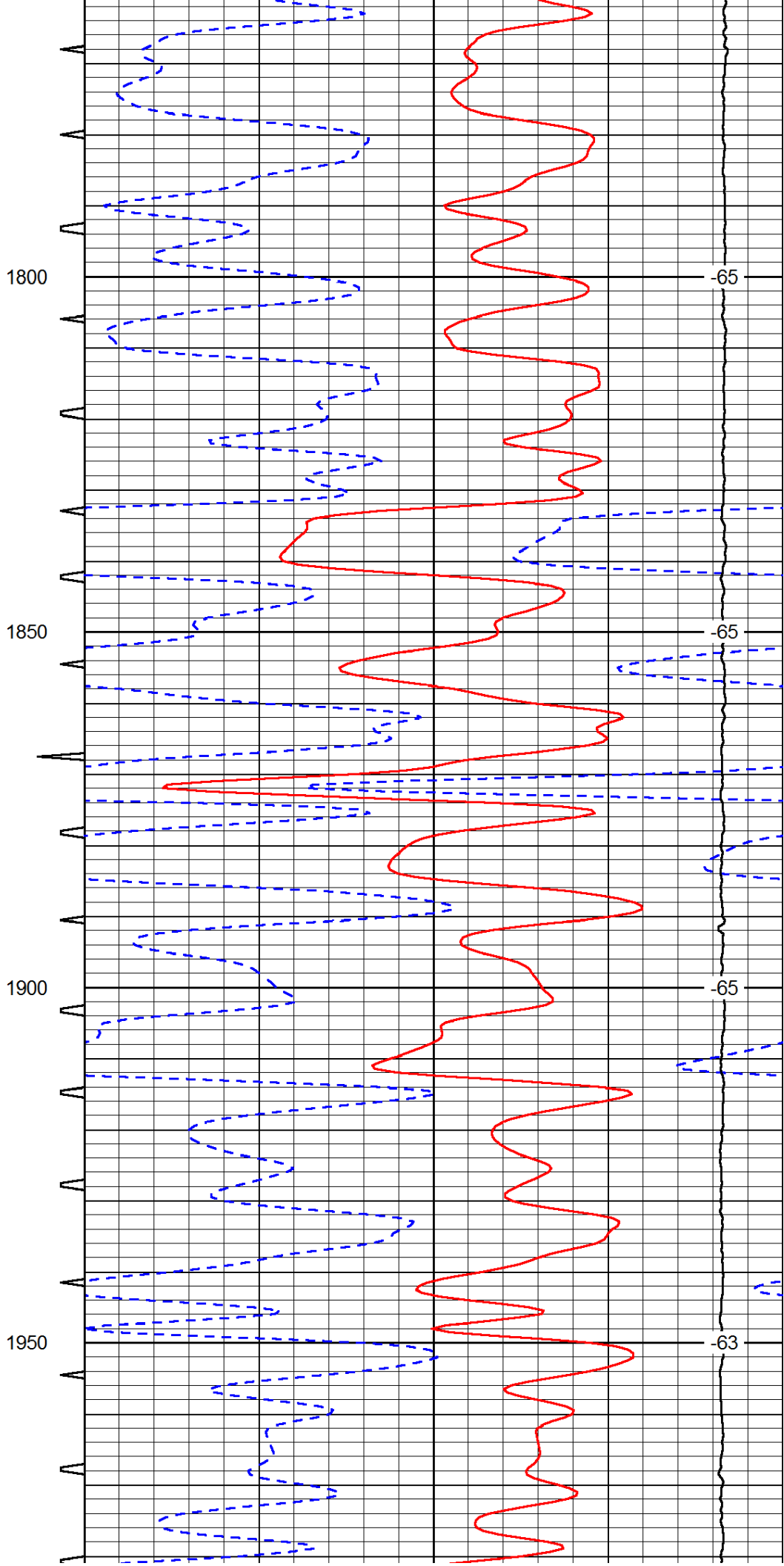
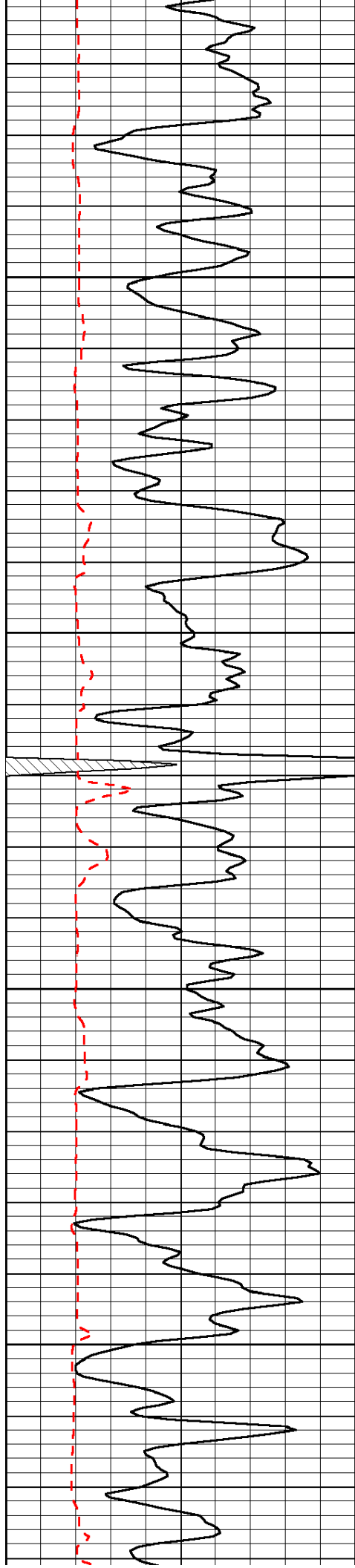


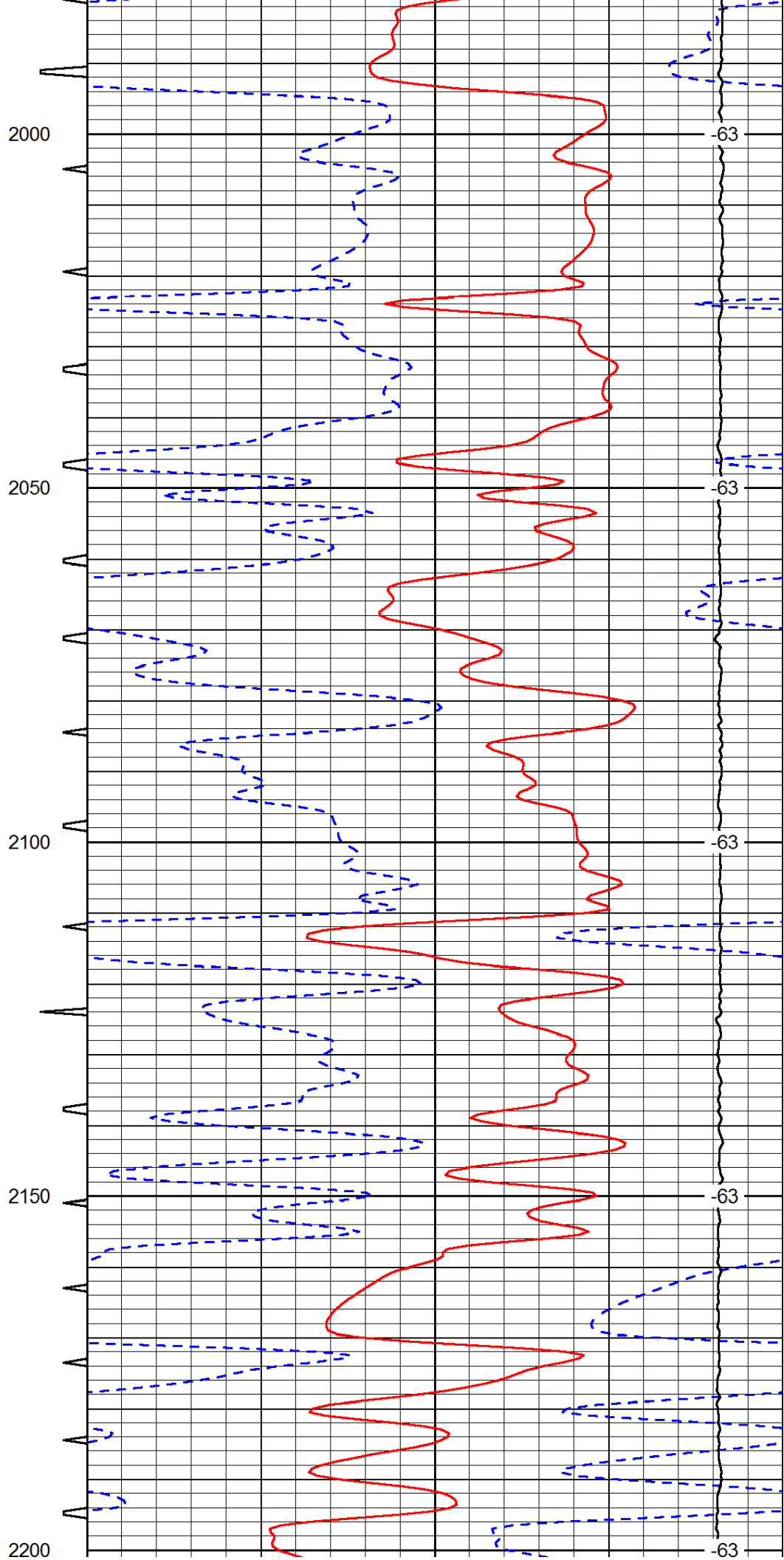
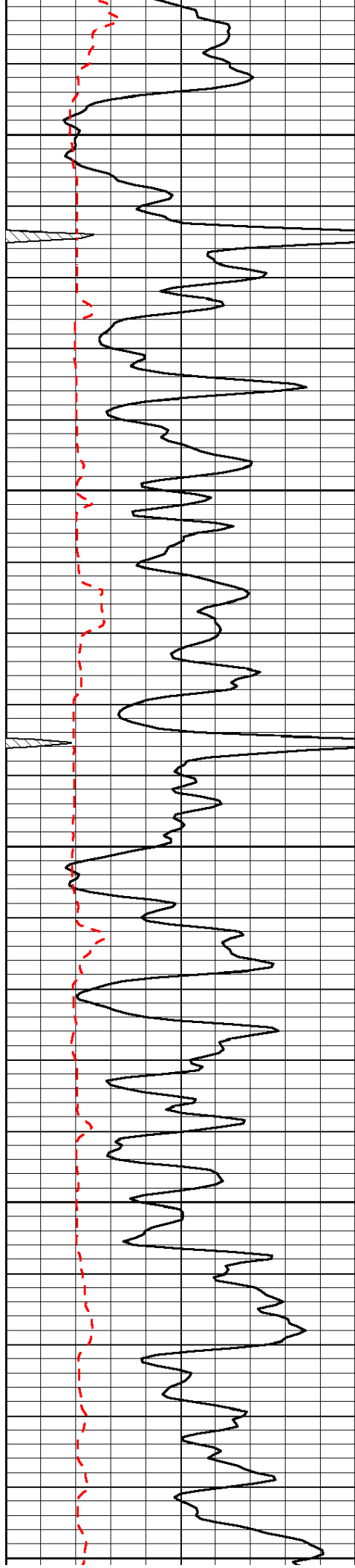


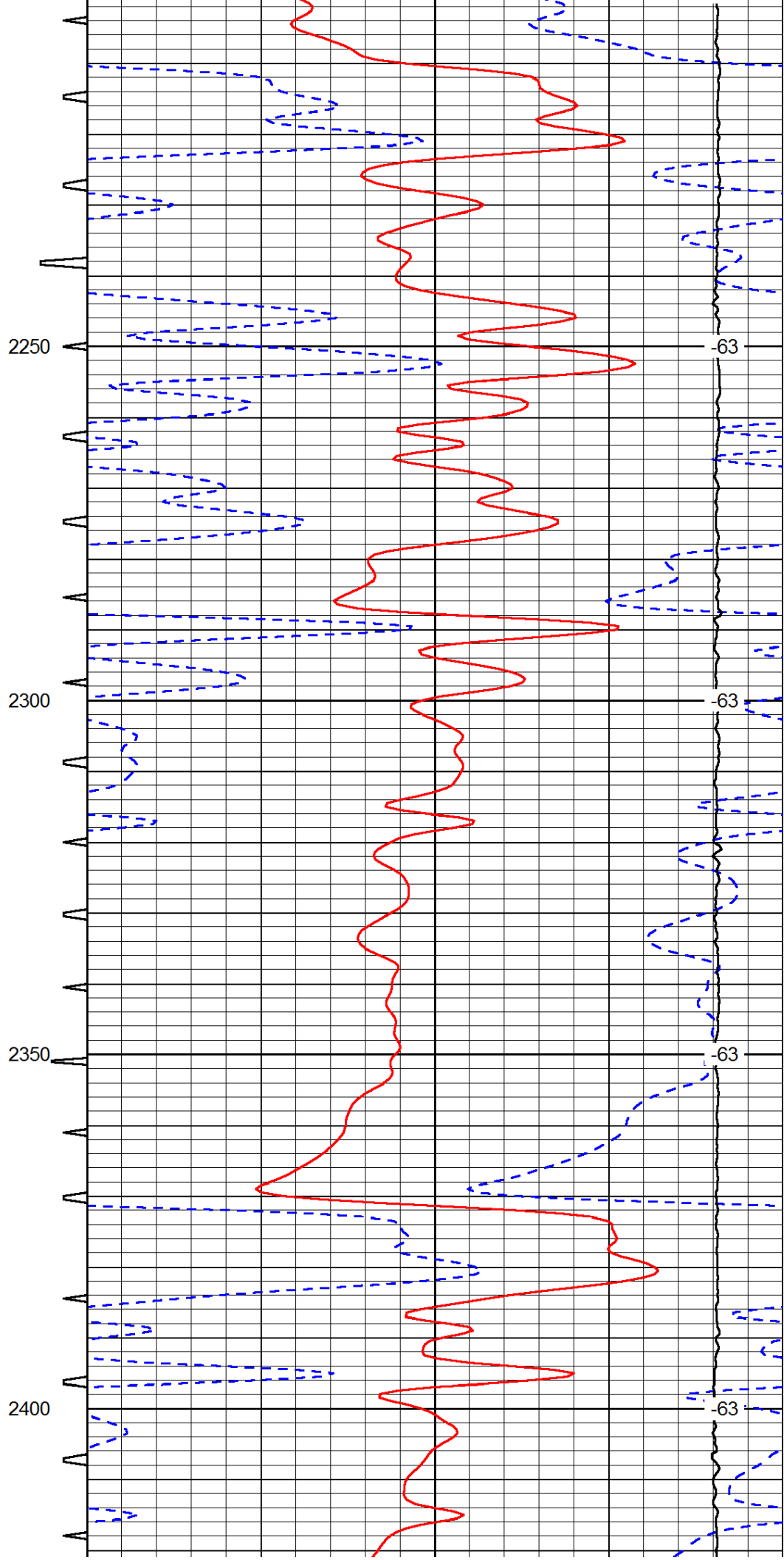
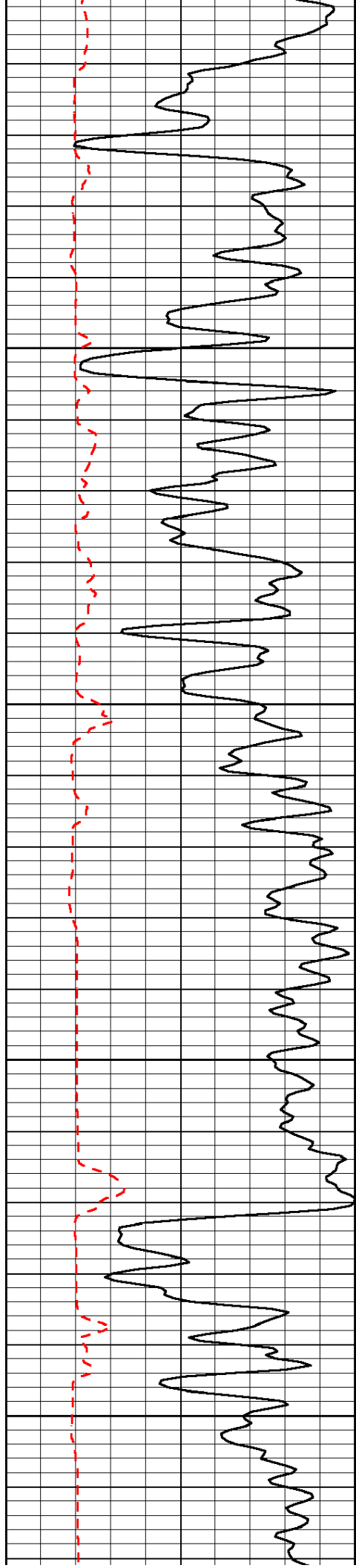


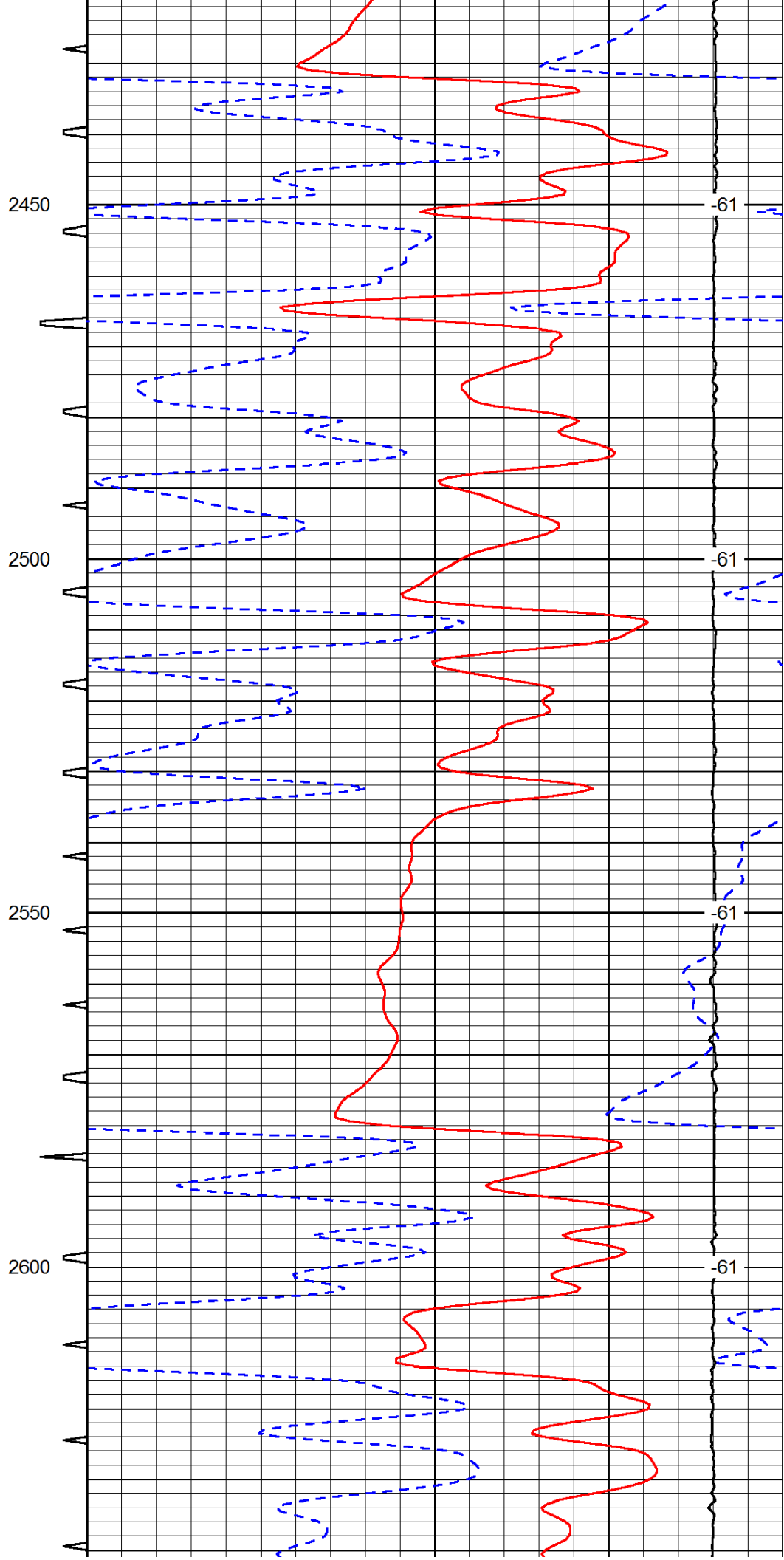
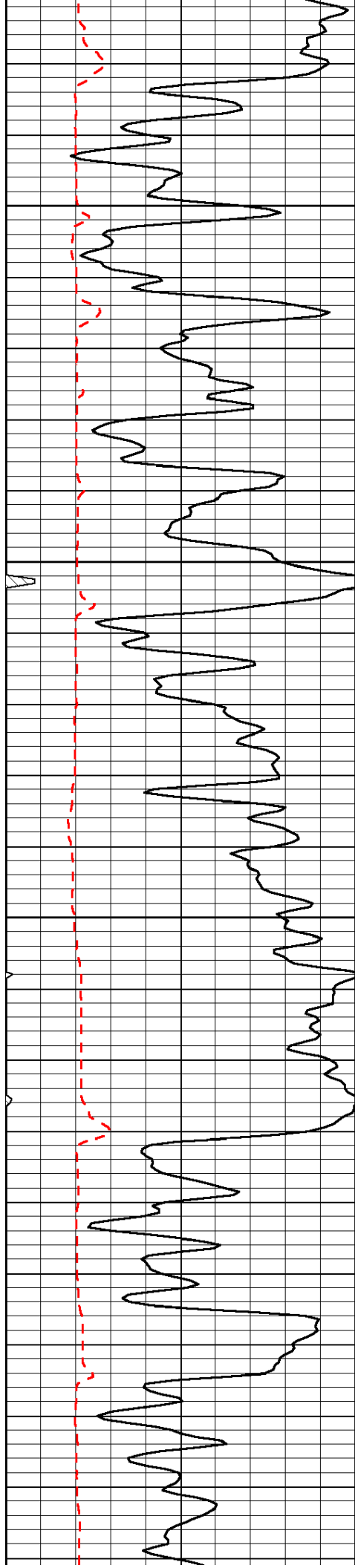


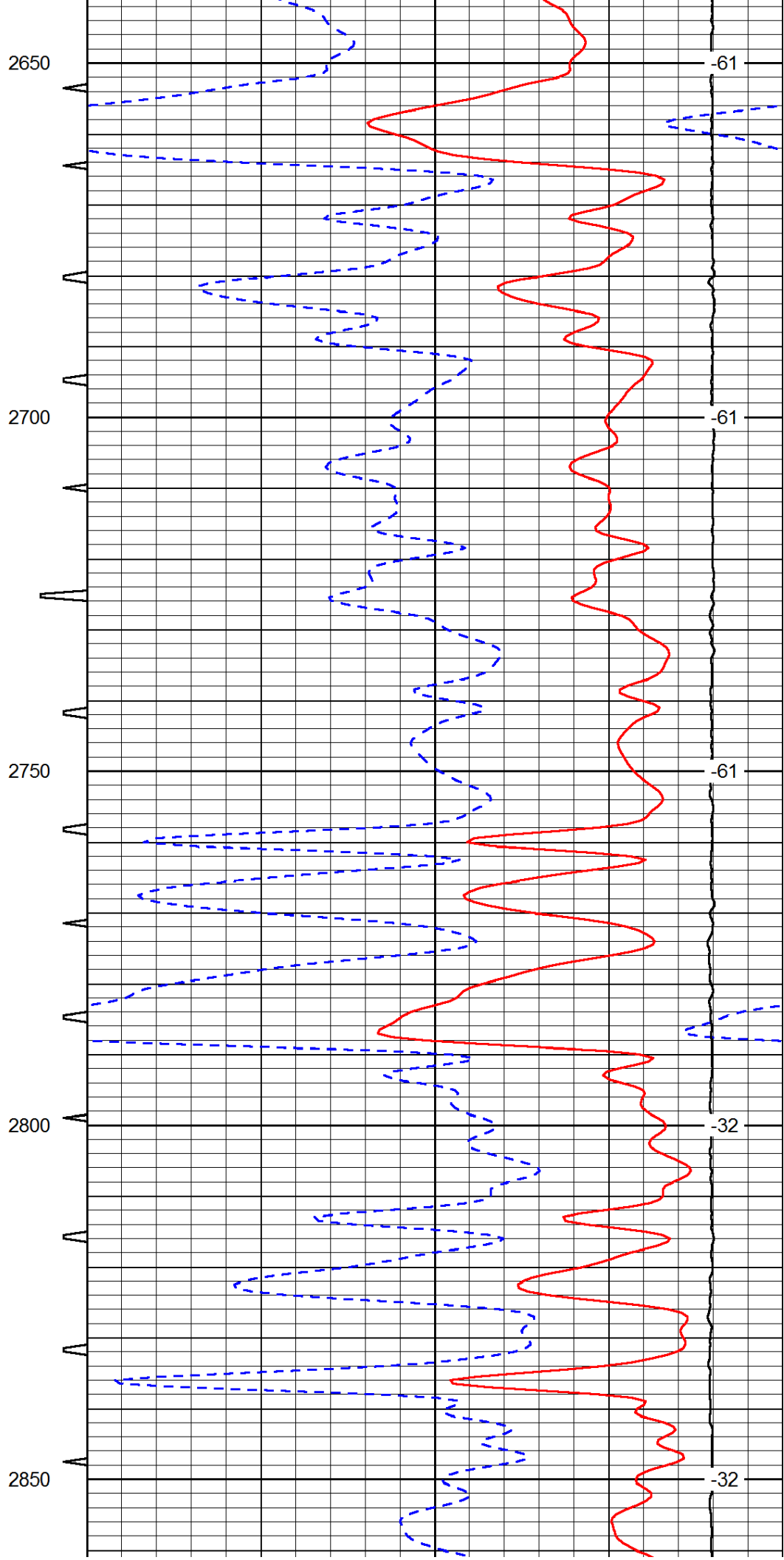
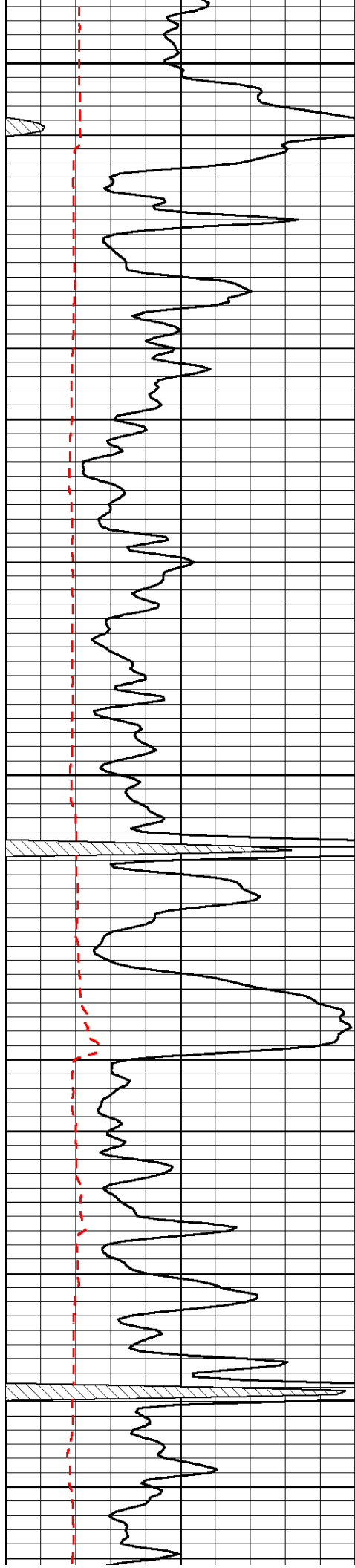


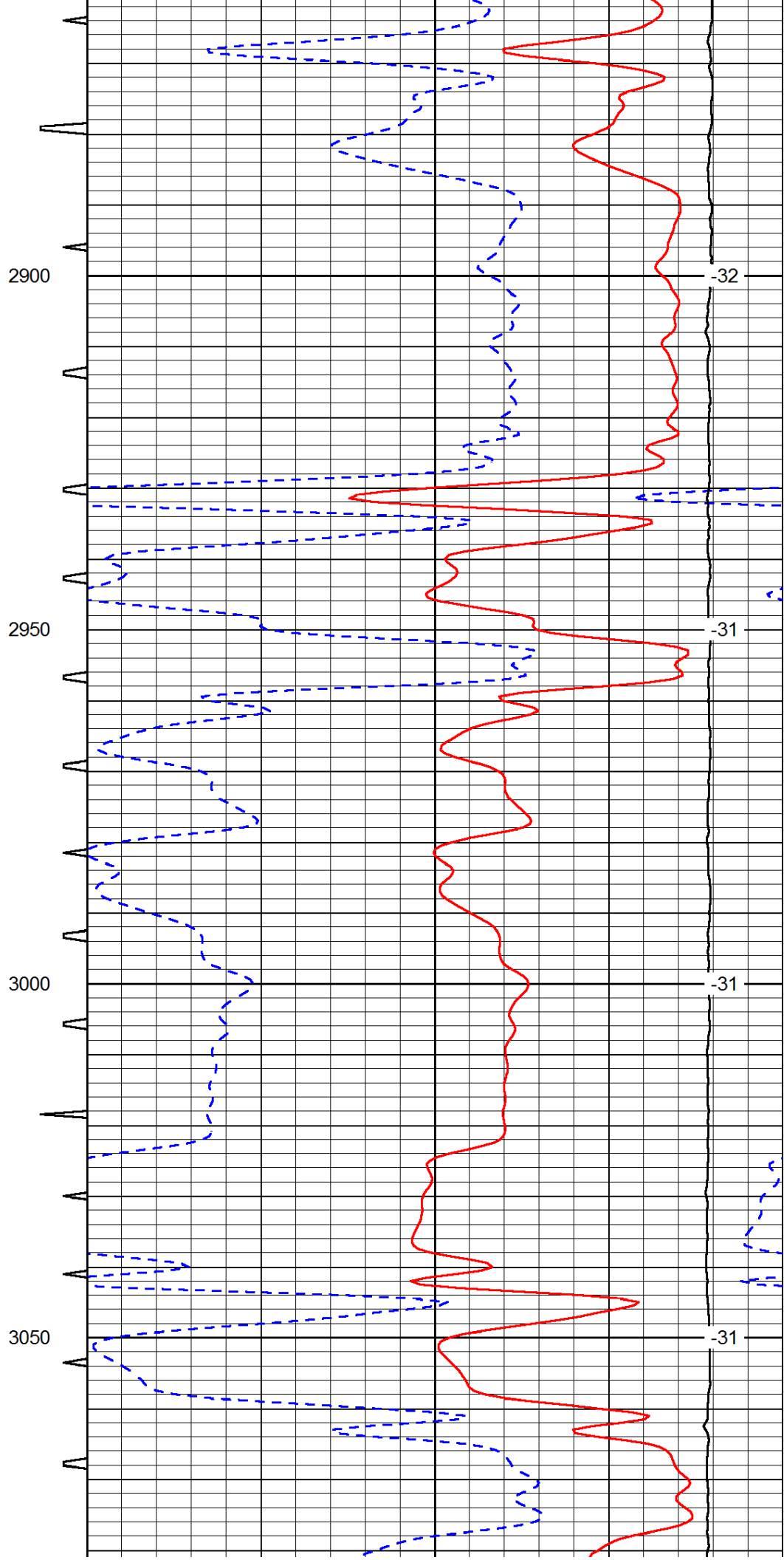
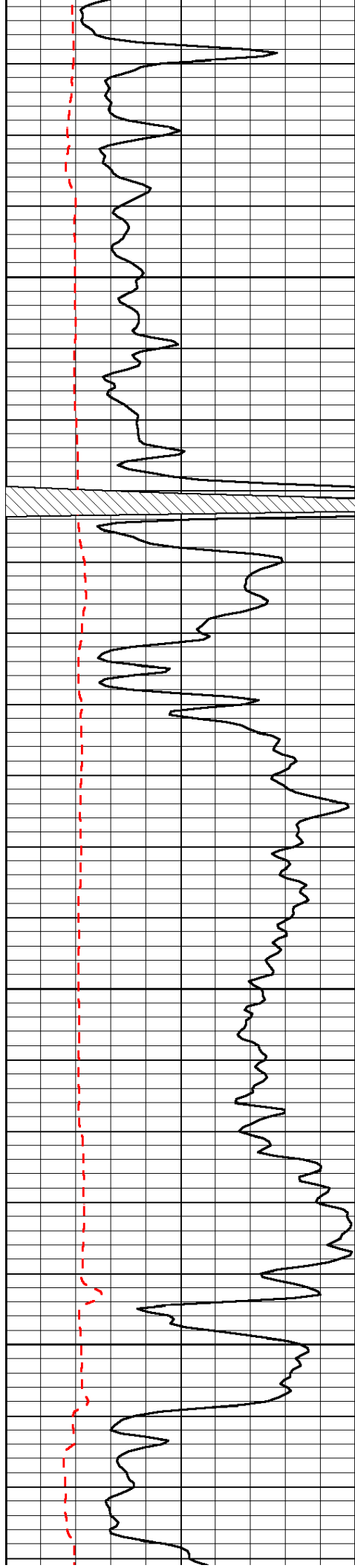


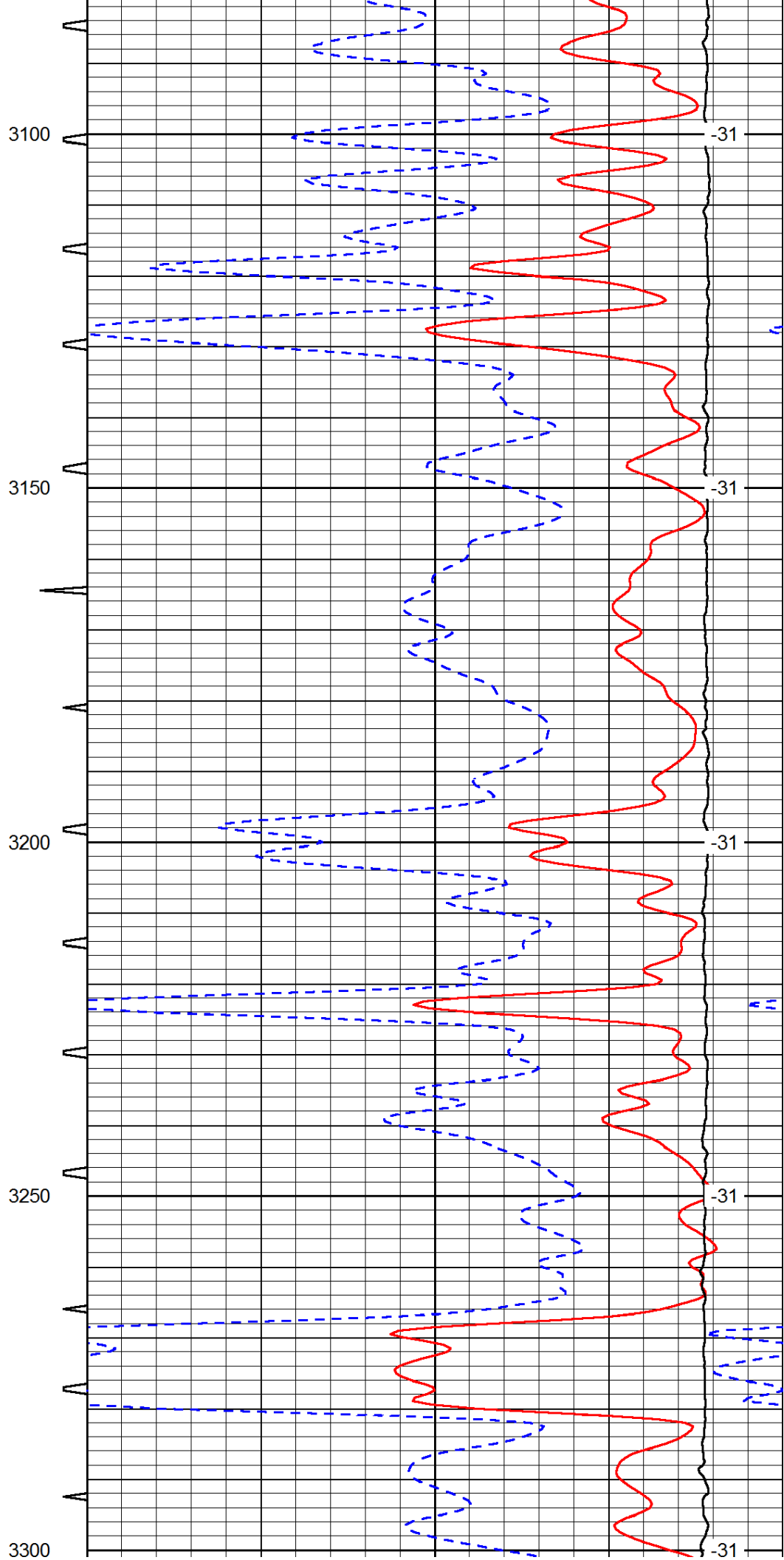
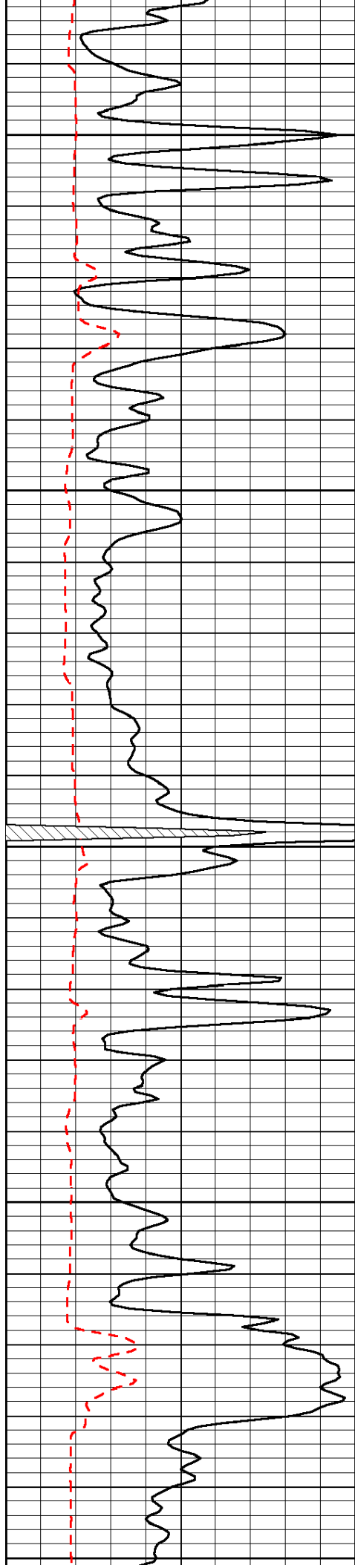


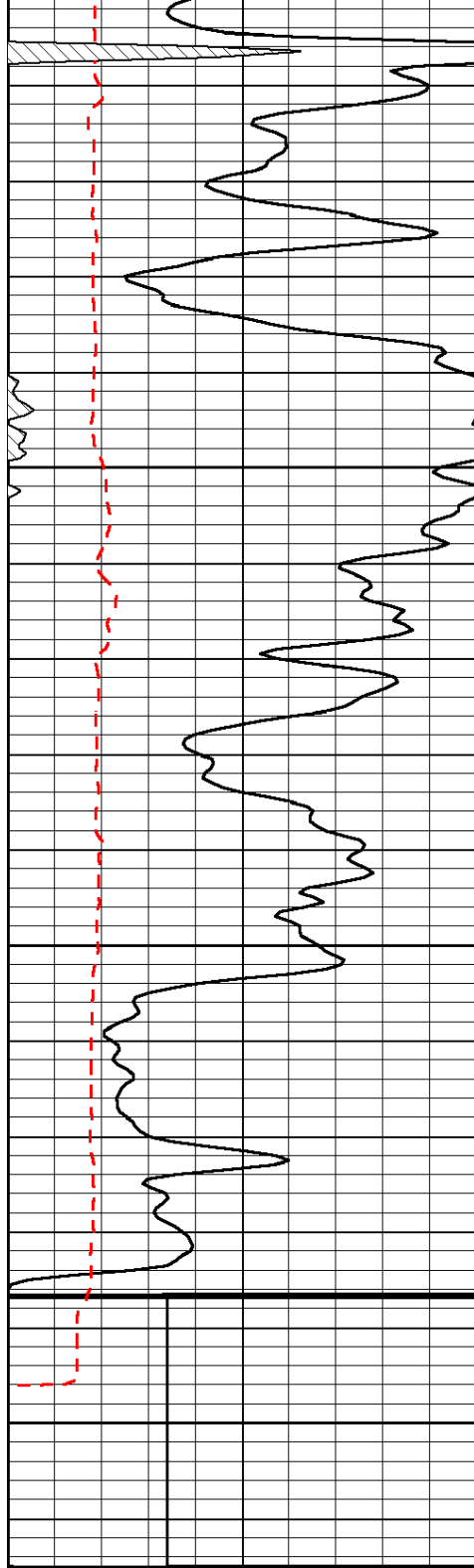




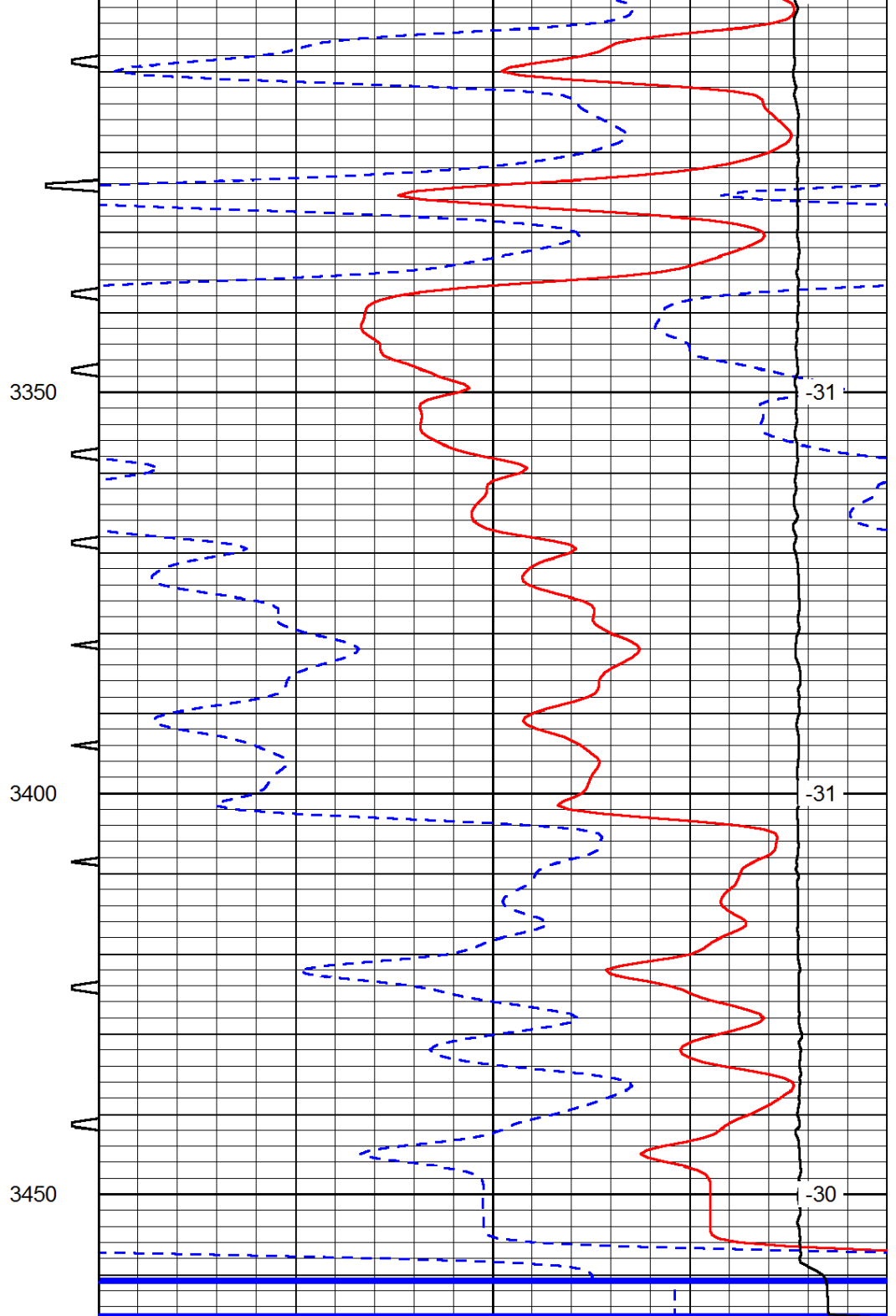








0	Gamma Ray	150
150	Gamma Ray	300
6	Caliper (GAPI)	16



Sonic Int	140	Delta Time (u sec/ft)	40
5	0	SPOR	-10
	30	LTEN (lb)	0

LSPD