



Borehole Compensated Sonic Log

DIGITAL LOG (785) 625-3858

API No.

15-145-21,582-00-00

Company Murfin Drilling Company, Inc.

Well Fisher 'C' No.1-33

Field Wildcat

County Pawnee

State Kansas

Location

1050' FNL & 1850' FWL

Other Services
CNL/CDL
MEL/DIL

Sec: 33

Twp: 22S

Rge: 15W

Elevation

Permanent Datum

Ground Level

Elevation 2003

Log Measured From Kelly Bushing

5 Ft. Above Perm. Datum

K.B. 2008
D.F. G.L. 2003

Date

3/14/2009

Run Number

Two

Type Log

BHC Sonic

Depth Driller

4150

Depth Logger

4149

Bottom Logged Interval

4138

Top Logged Interval

600

Type Fluid In Hole

Chemical

Salinity, PPM CL

6,700

Density

9.1

Level

Full

Max. Rec. Temp. F

118

Operating Rig Time

5 Hours

Equipment -- Location

15 Hays

Recorded By

C. Desaire

Witnessed By

Terry McLeod

Borehole Record

Casing Record

Run No

Bit

From

To

Size

Wgt.

24#

From

To

1 12.25

00

621

8.625

24#

00

621

2 7.875

621

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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.

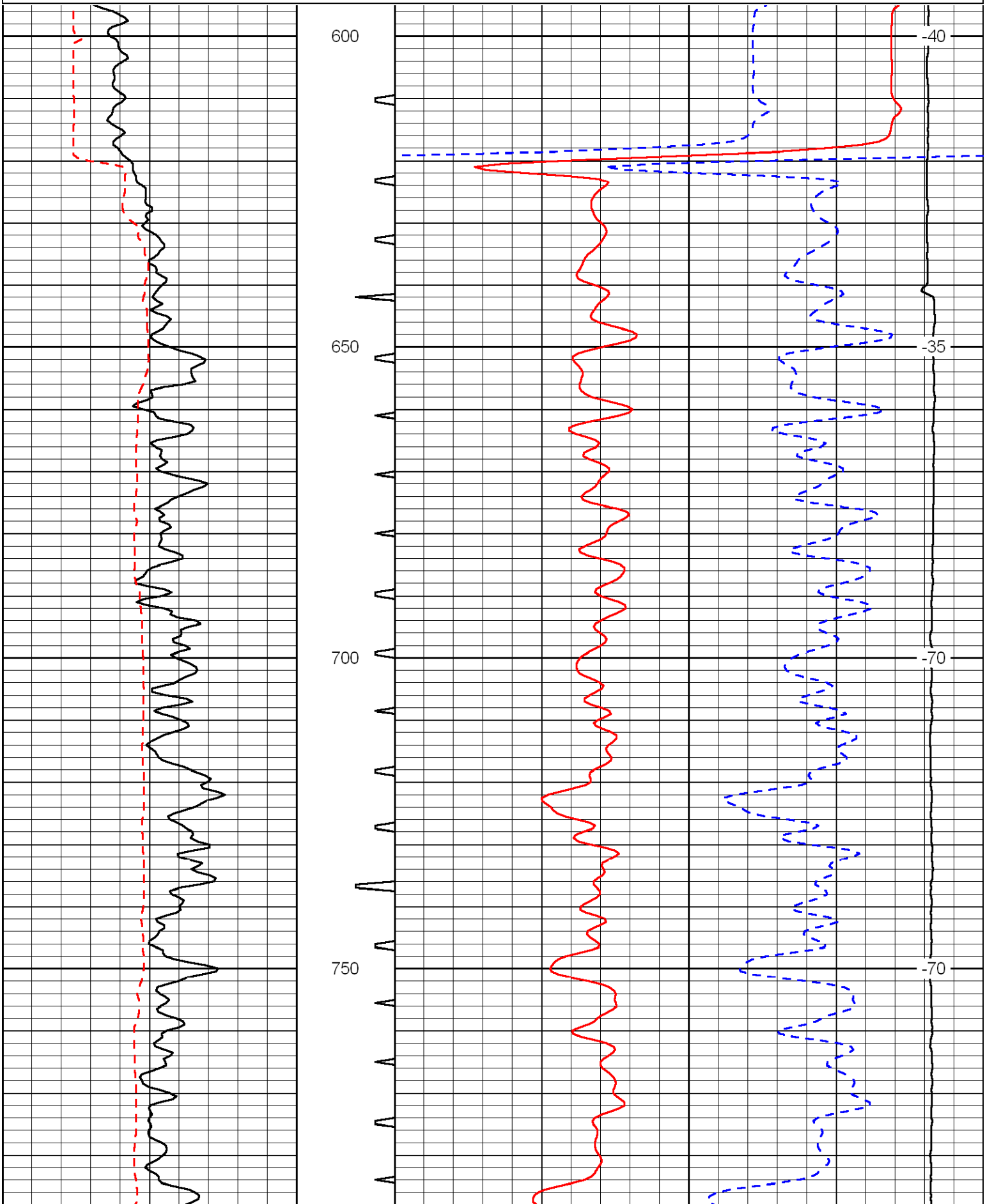
Comments

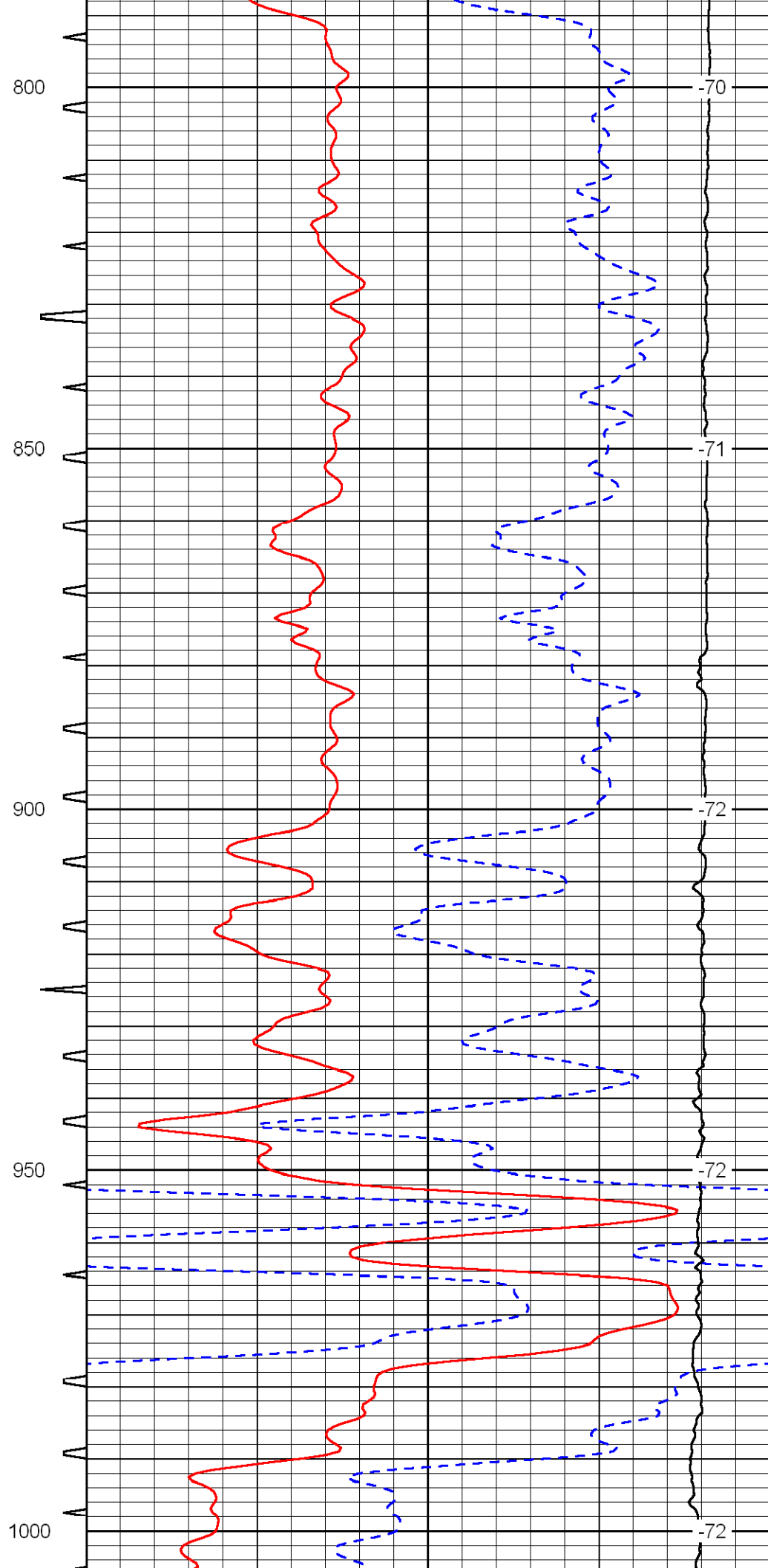
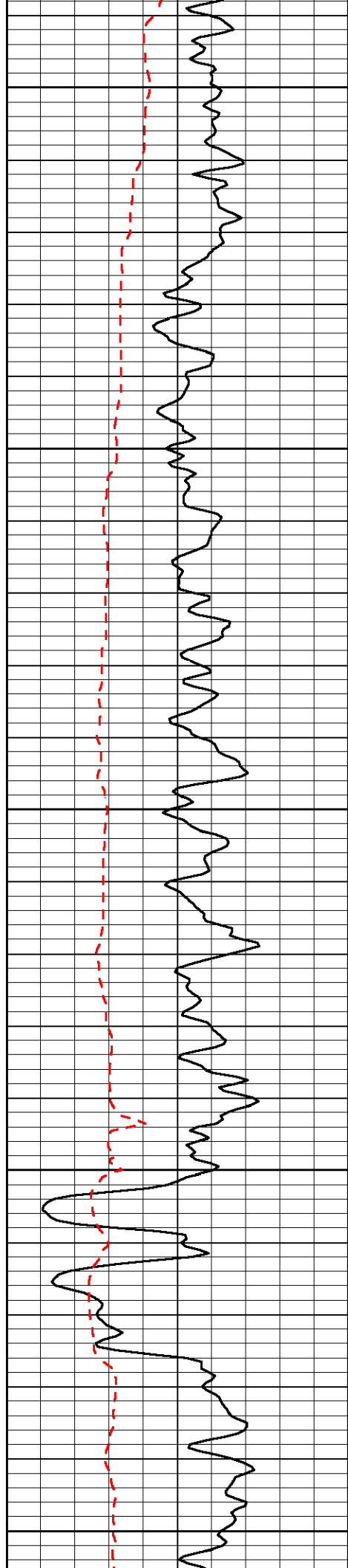
Thank you for using Log-Tech, Inc.
(785) 625-3858

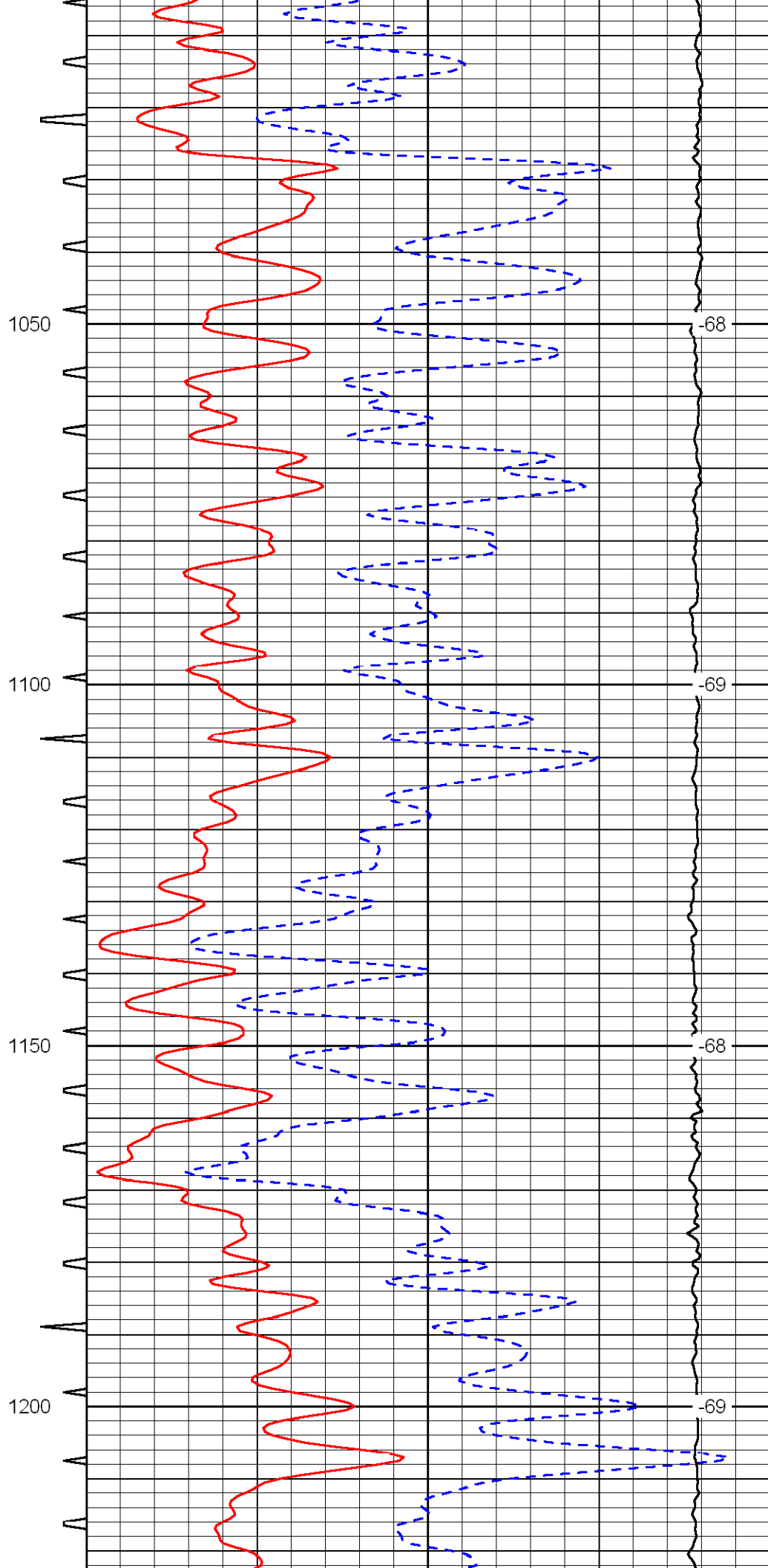
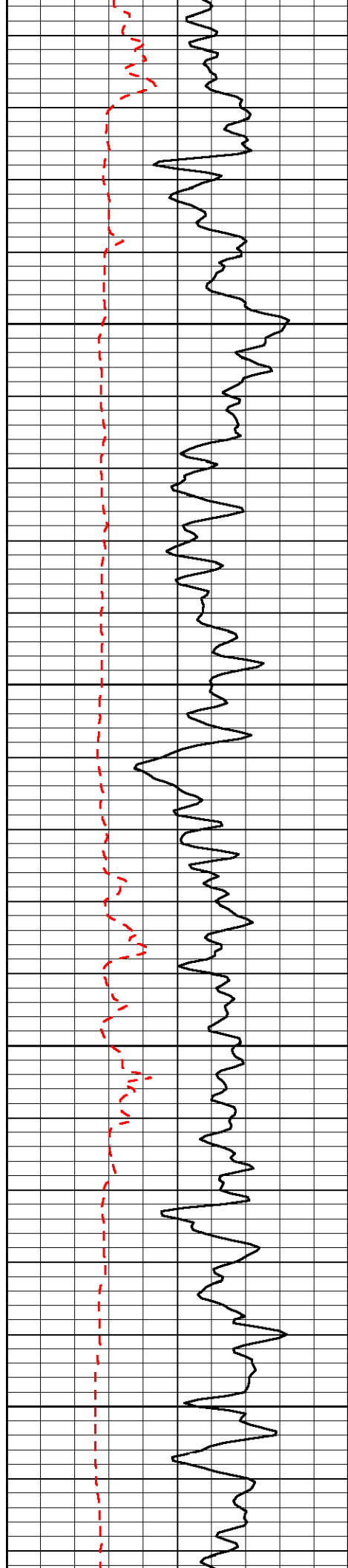
Larned, S to 19 Hwy, 6 E to 50th Ave,
4 S, 1/2 E, S Into

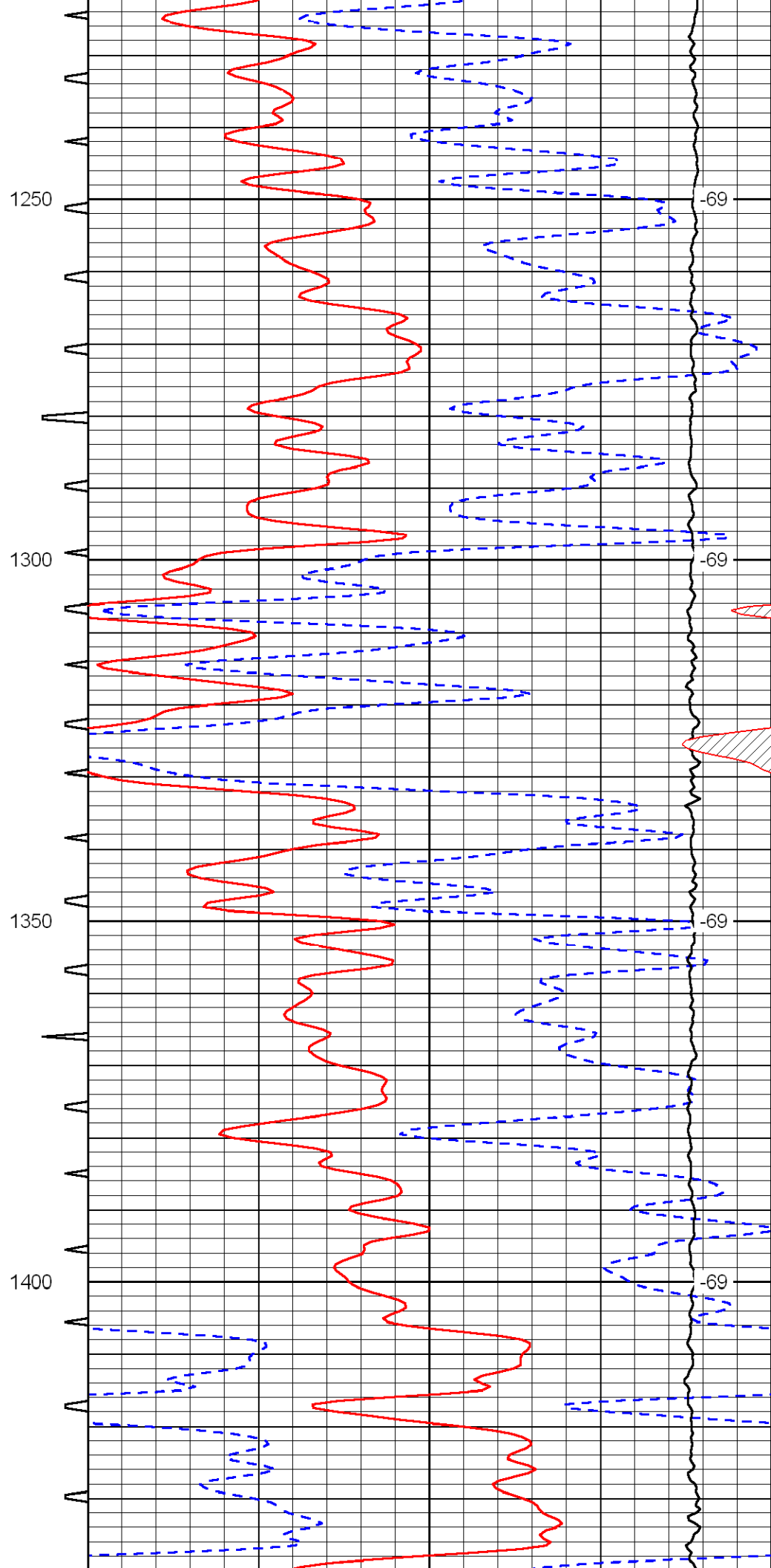
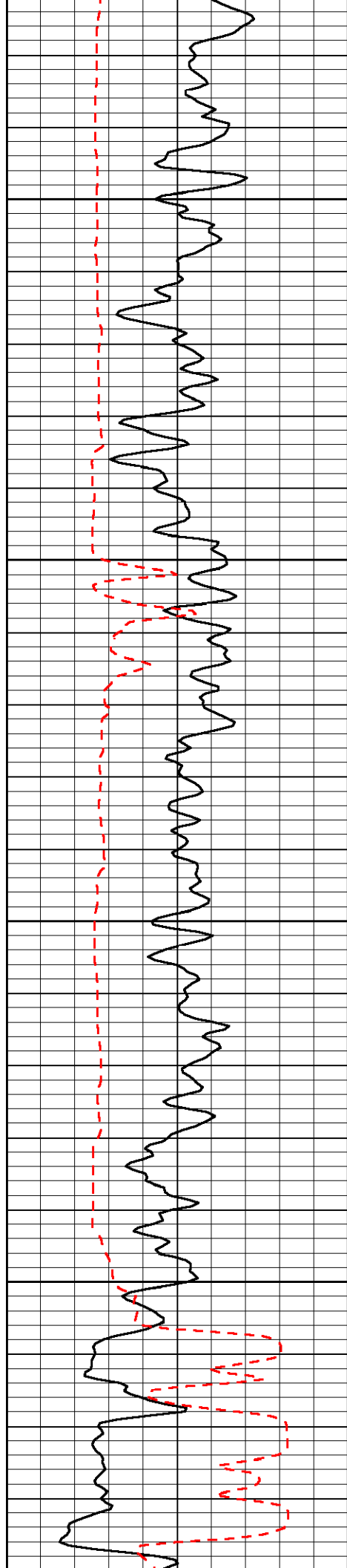
Database File: c:\warrior\data\murfin_fisher c #1-33\murfin2hd.db
Dataset Pathname: dil\mrfnstc
Presentation Format: sonic
Dataset Creation: Sat Mar 14 13:12:16 2009
Charted by: Depth in Feet scaled 1:240

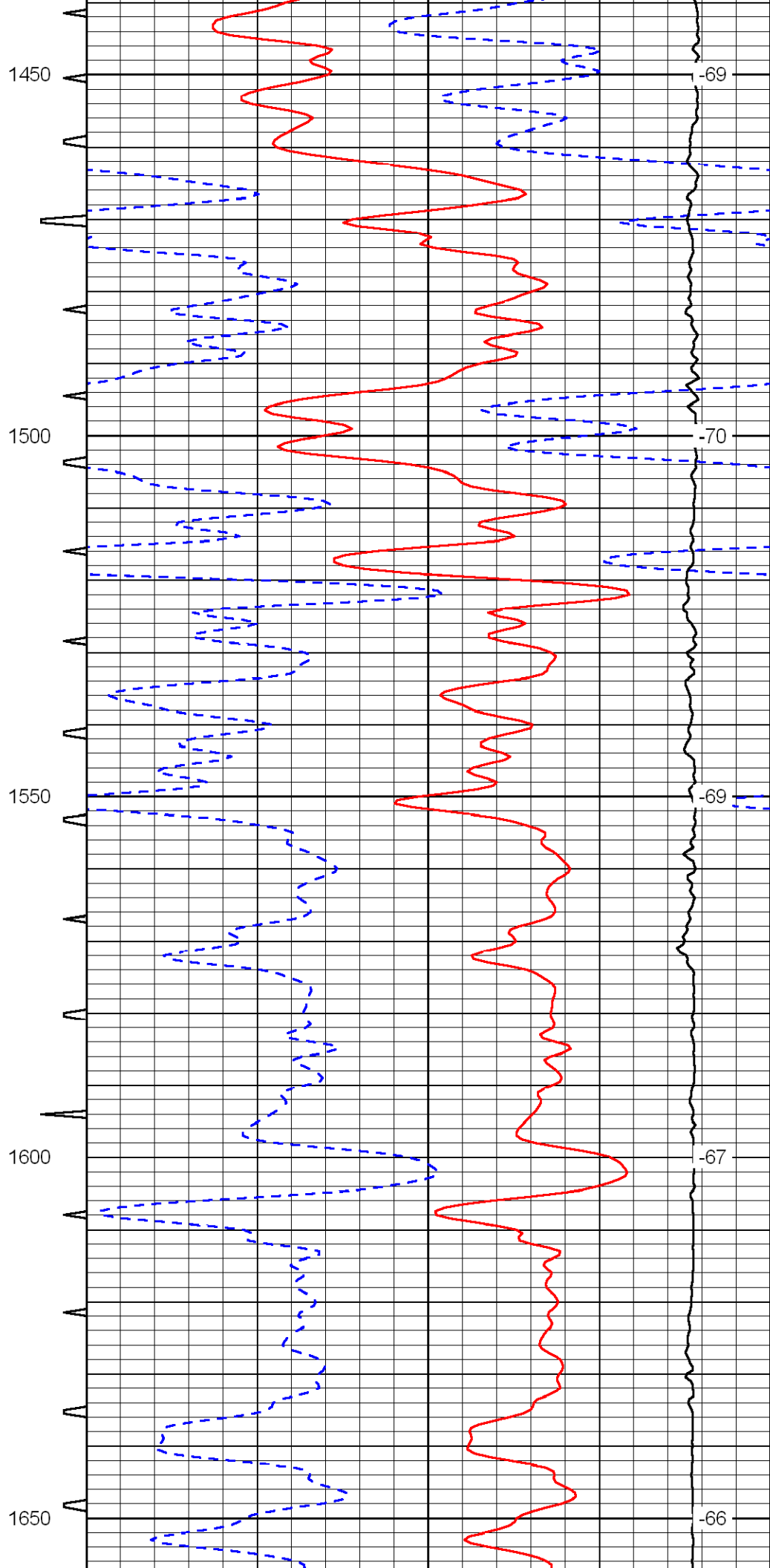
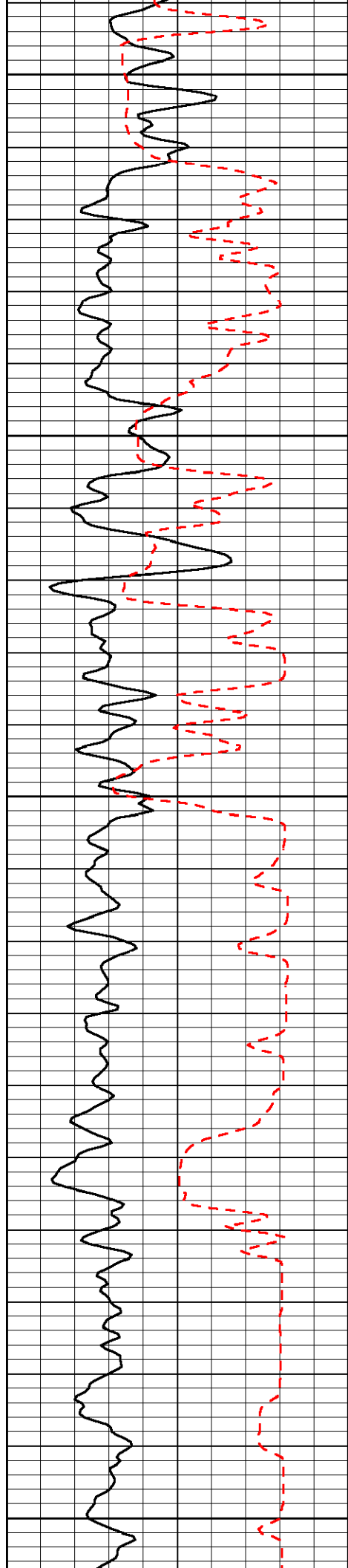
0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)		40
150	Gamma Ray	300	5 (msec) 0	30	SPOR (pu)		-10
6	Caliper (in)	16		10000	LTEN (lb) (lb)		0
							LSPD (ft/min)

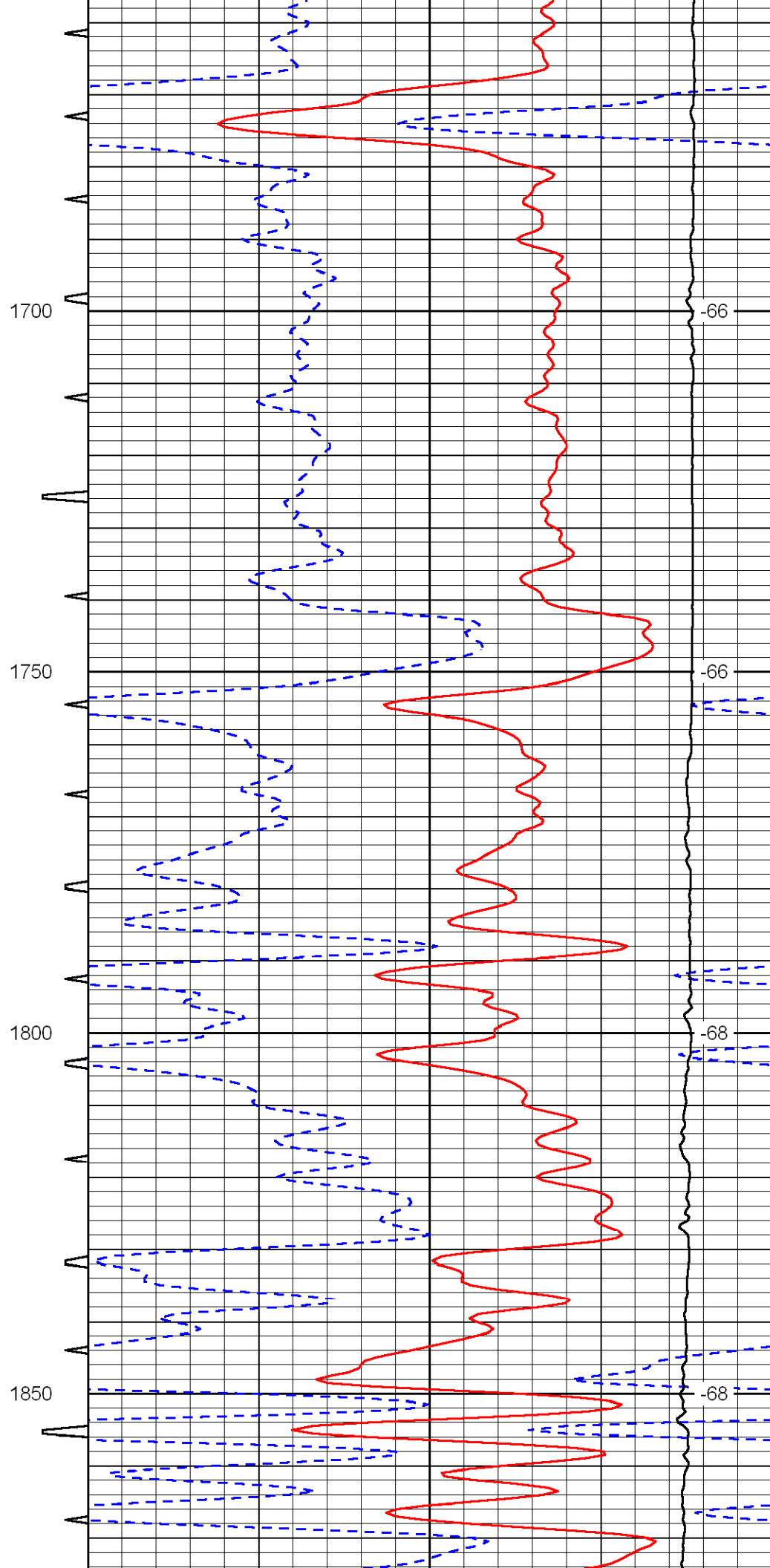
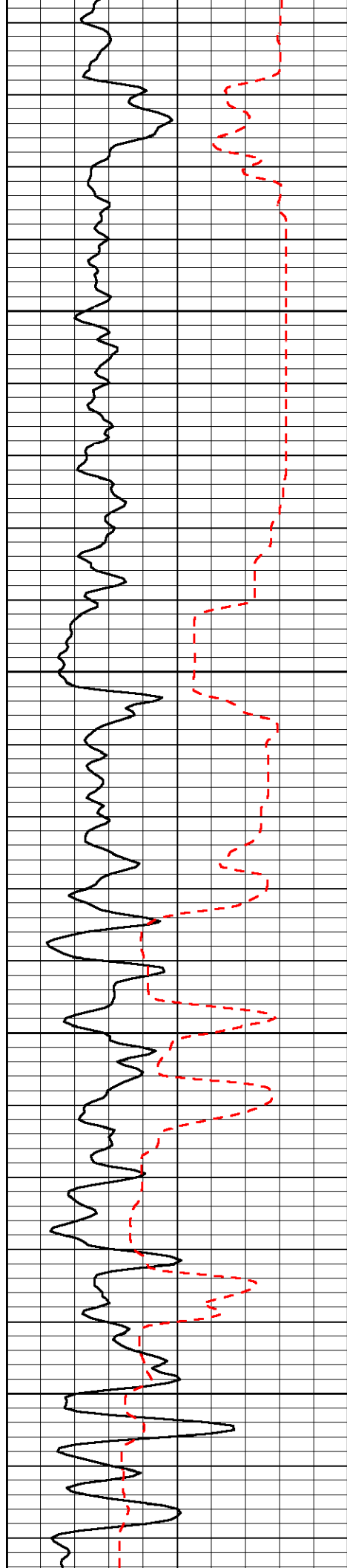


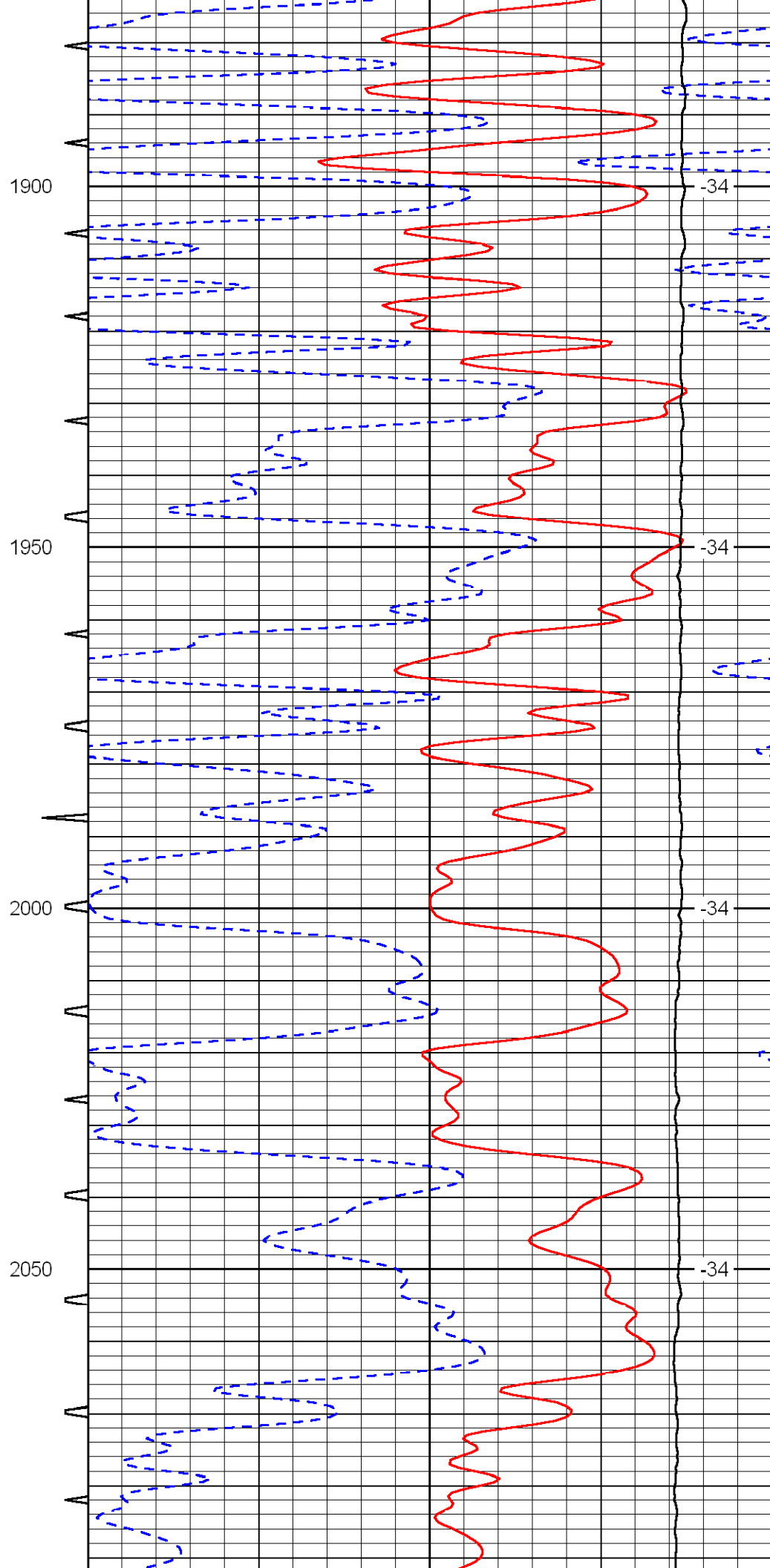
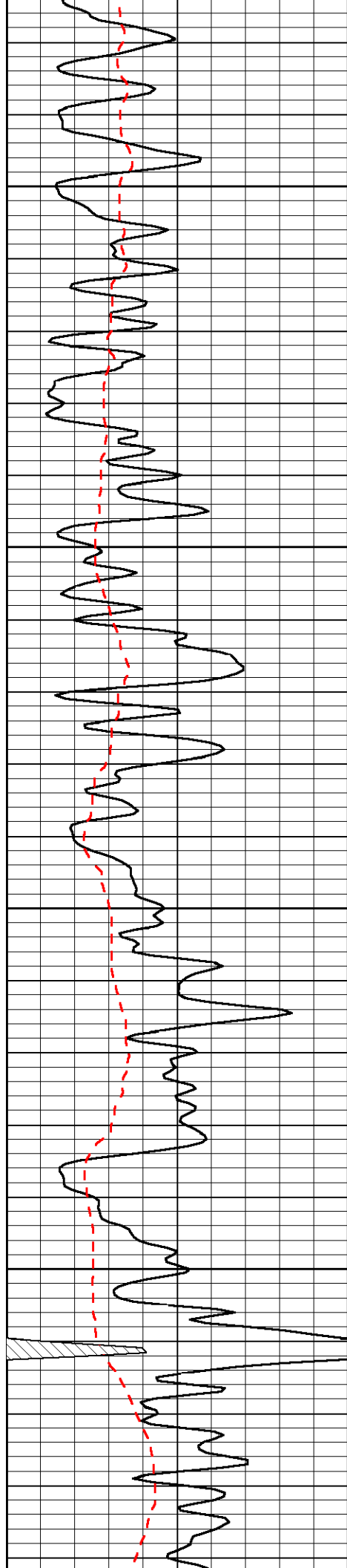


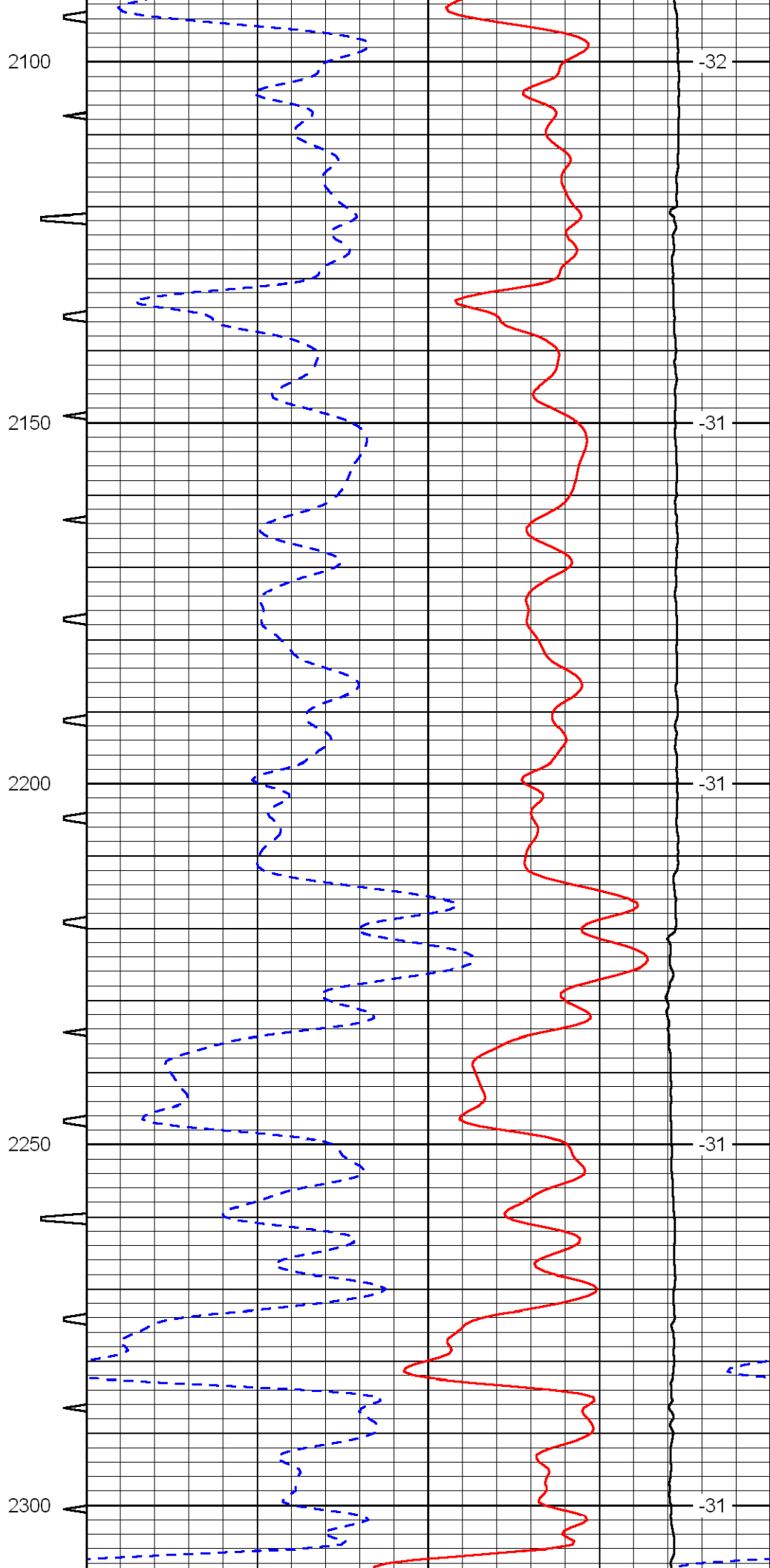
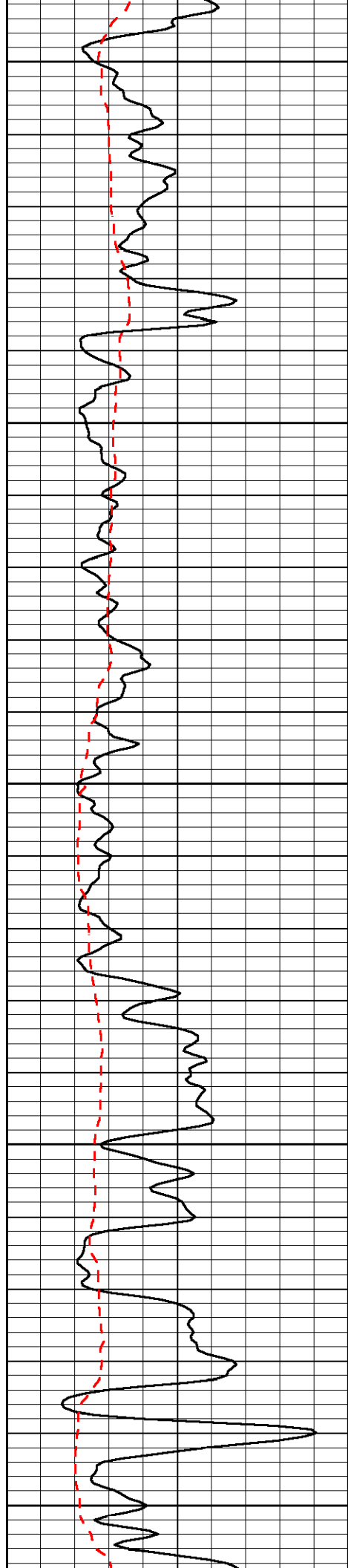


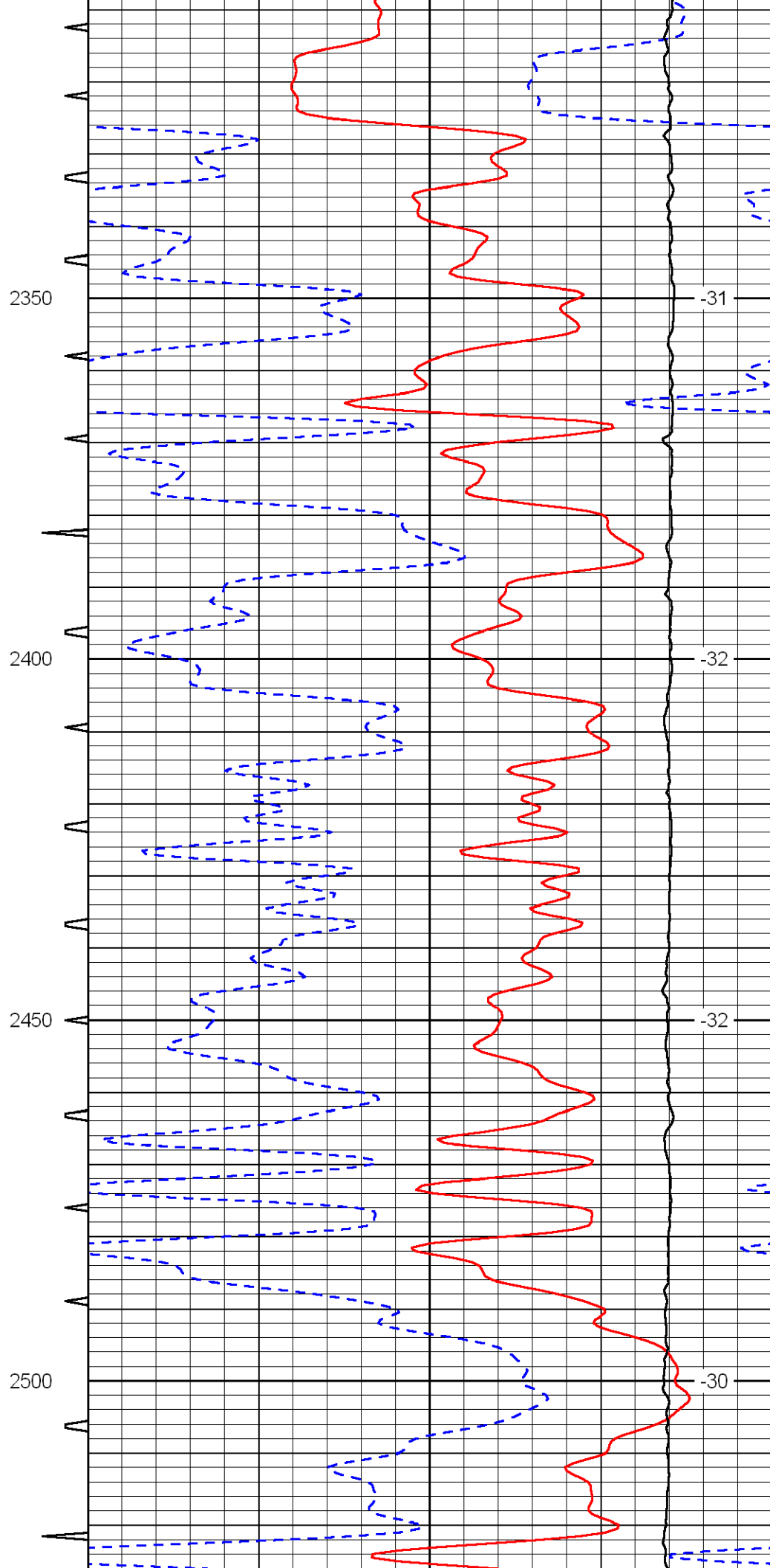
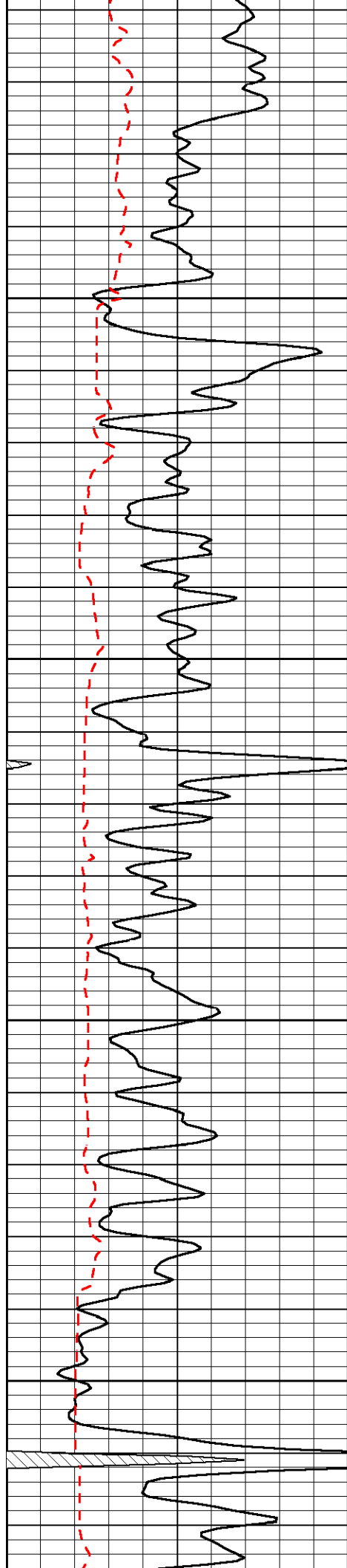


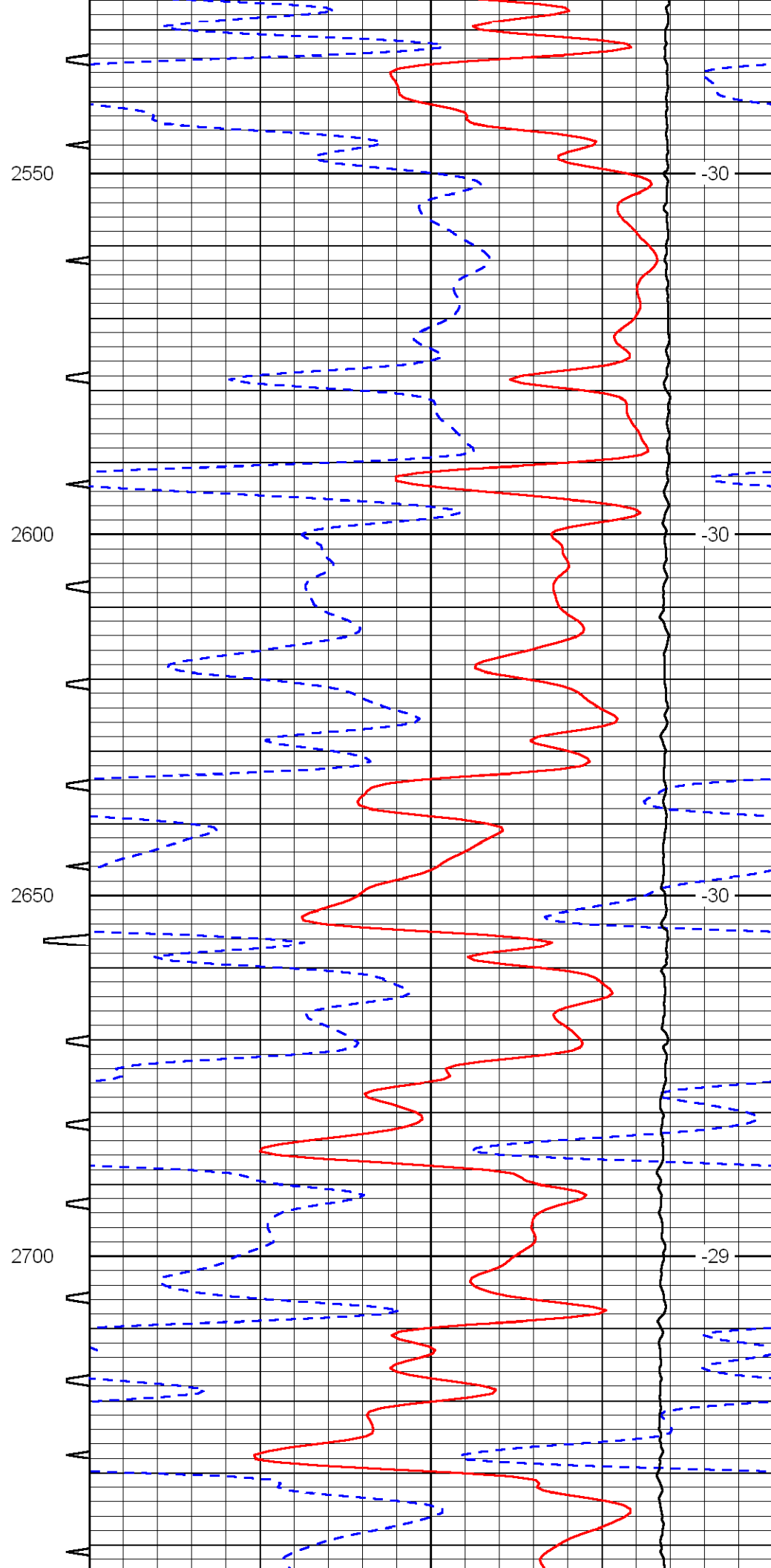
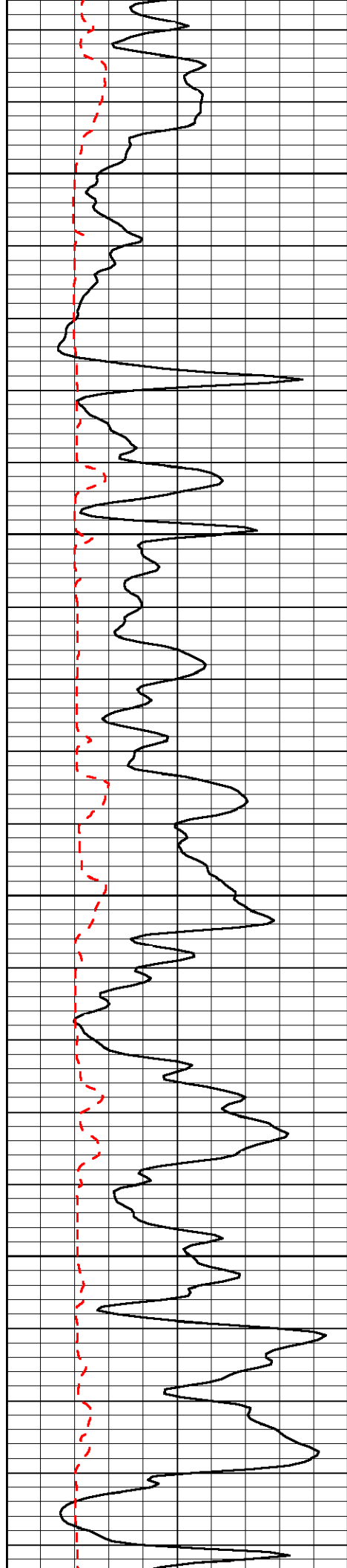


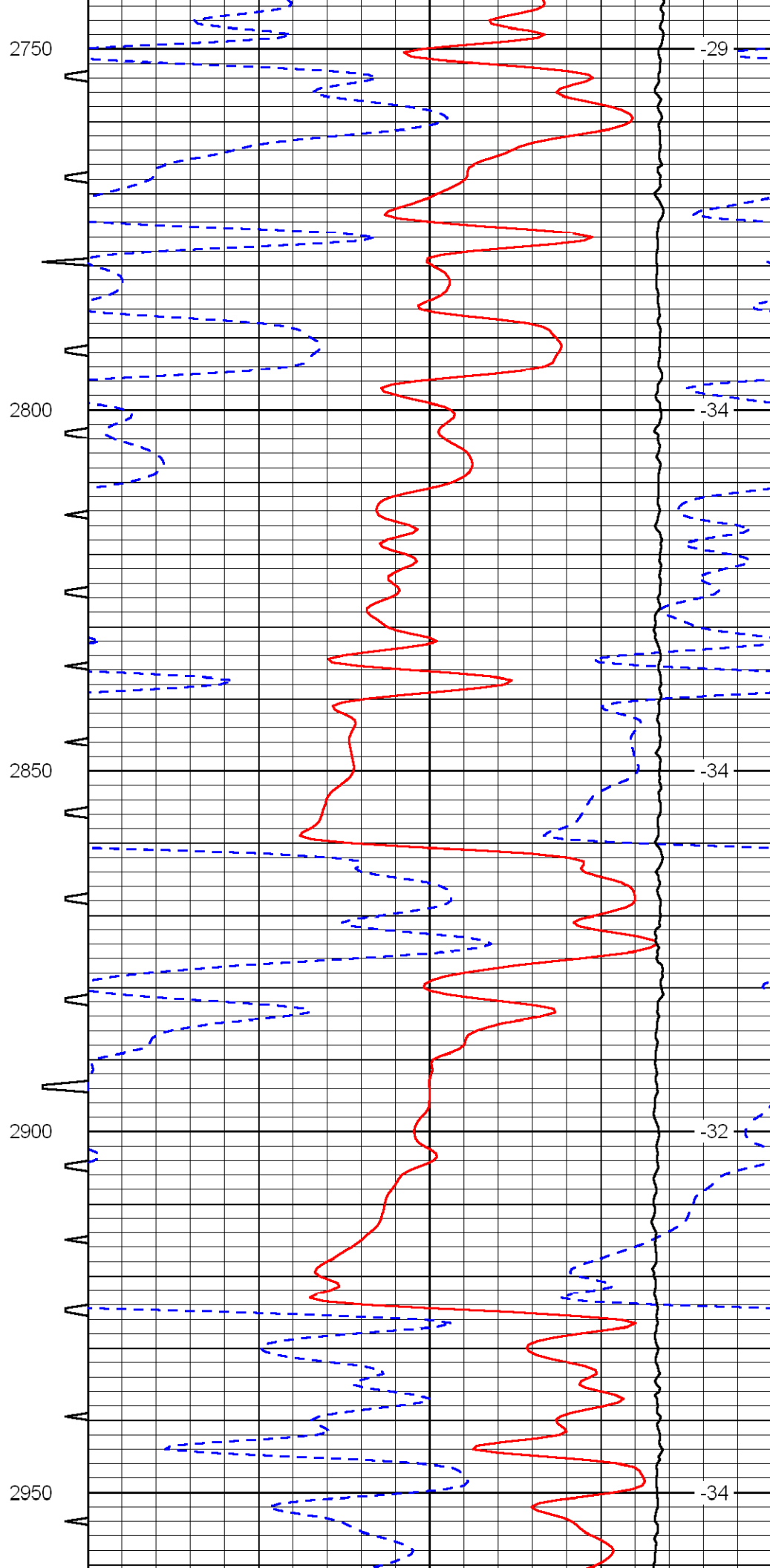
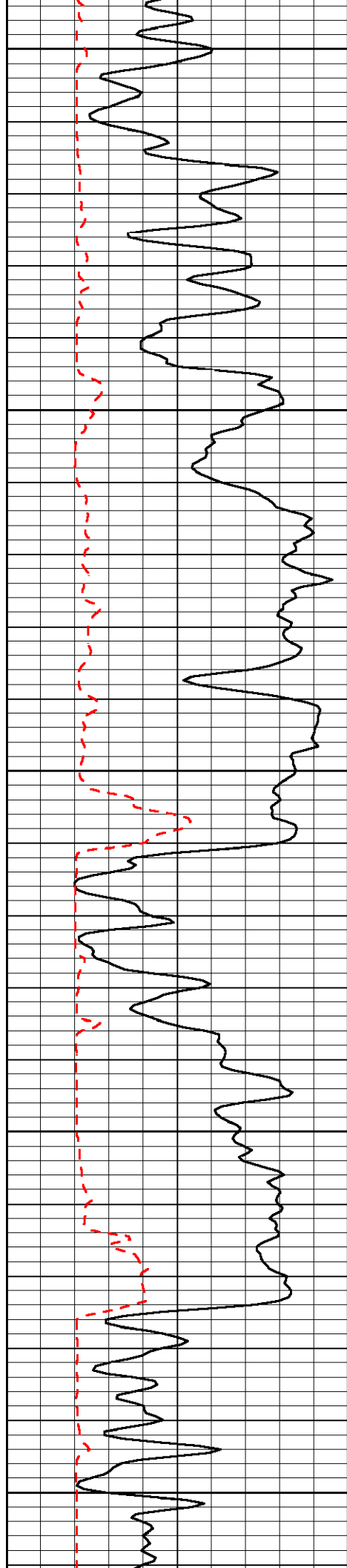


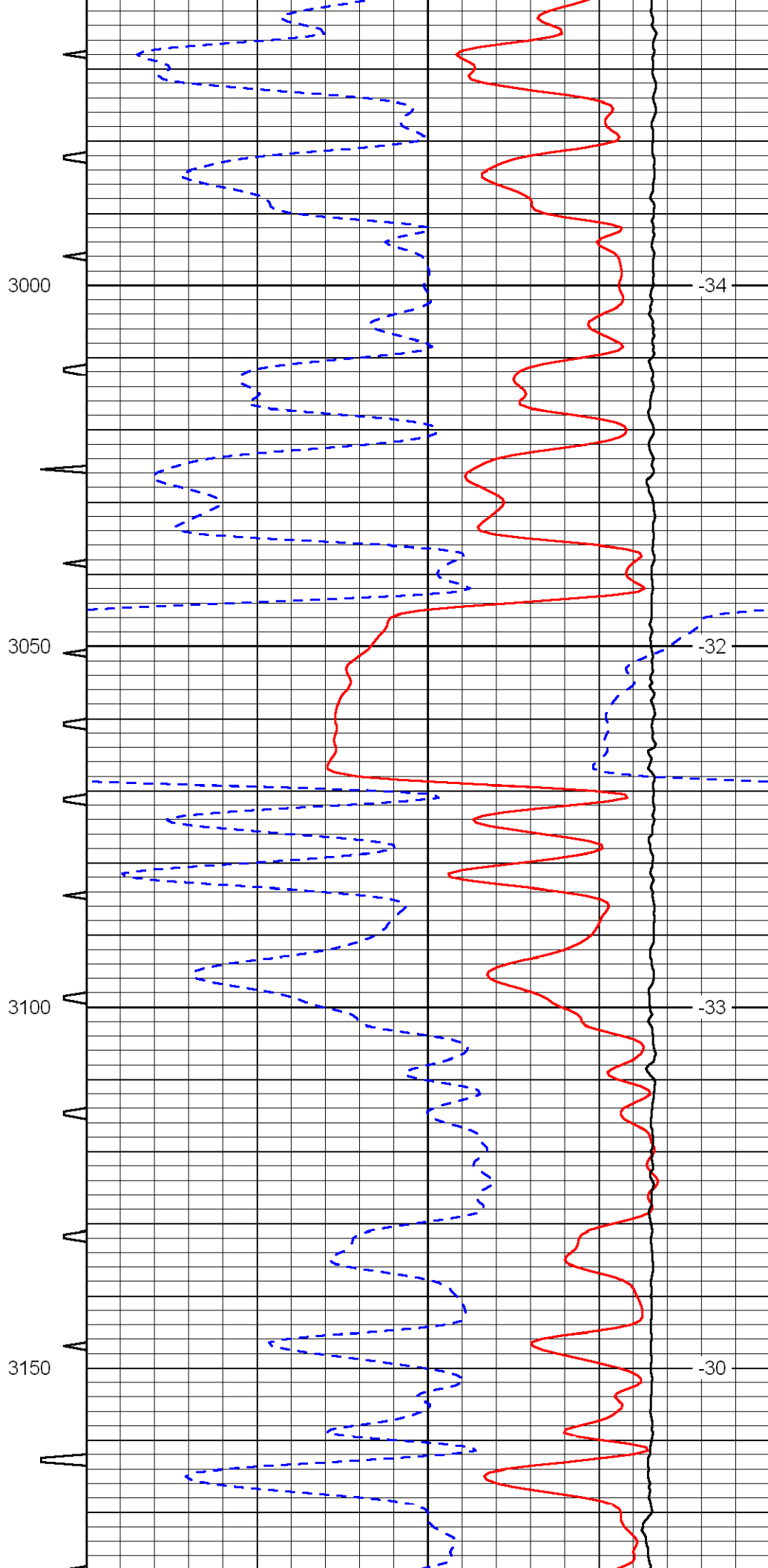
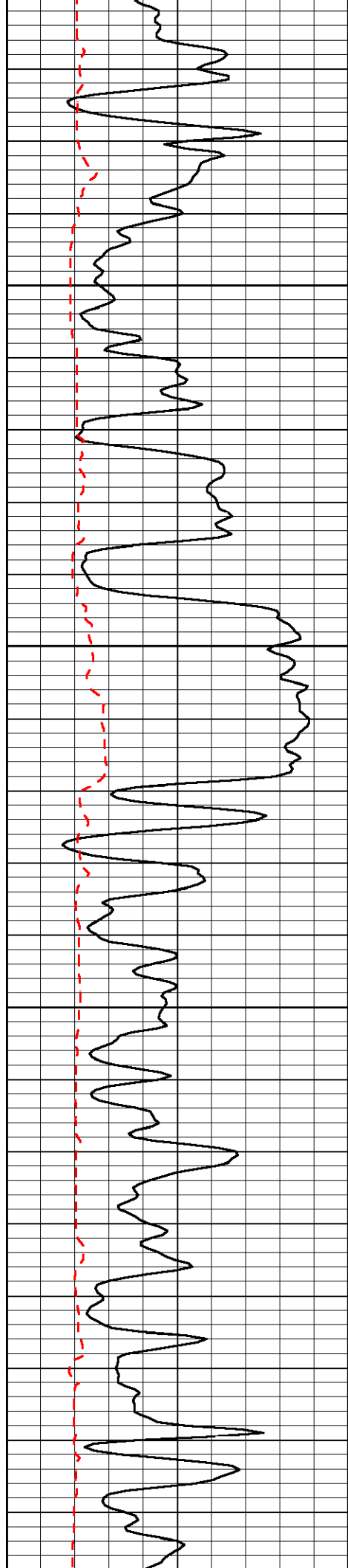


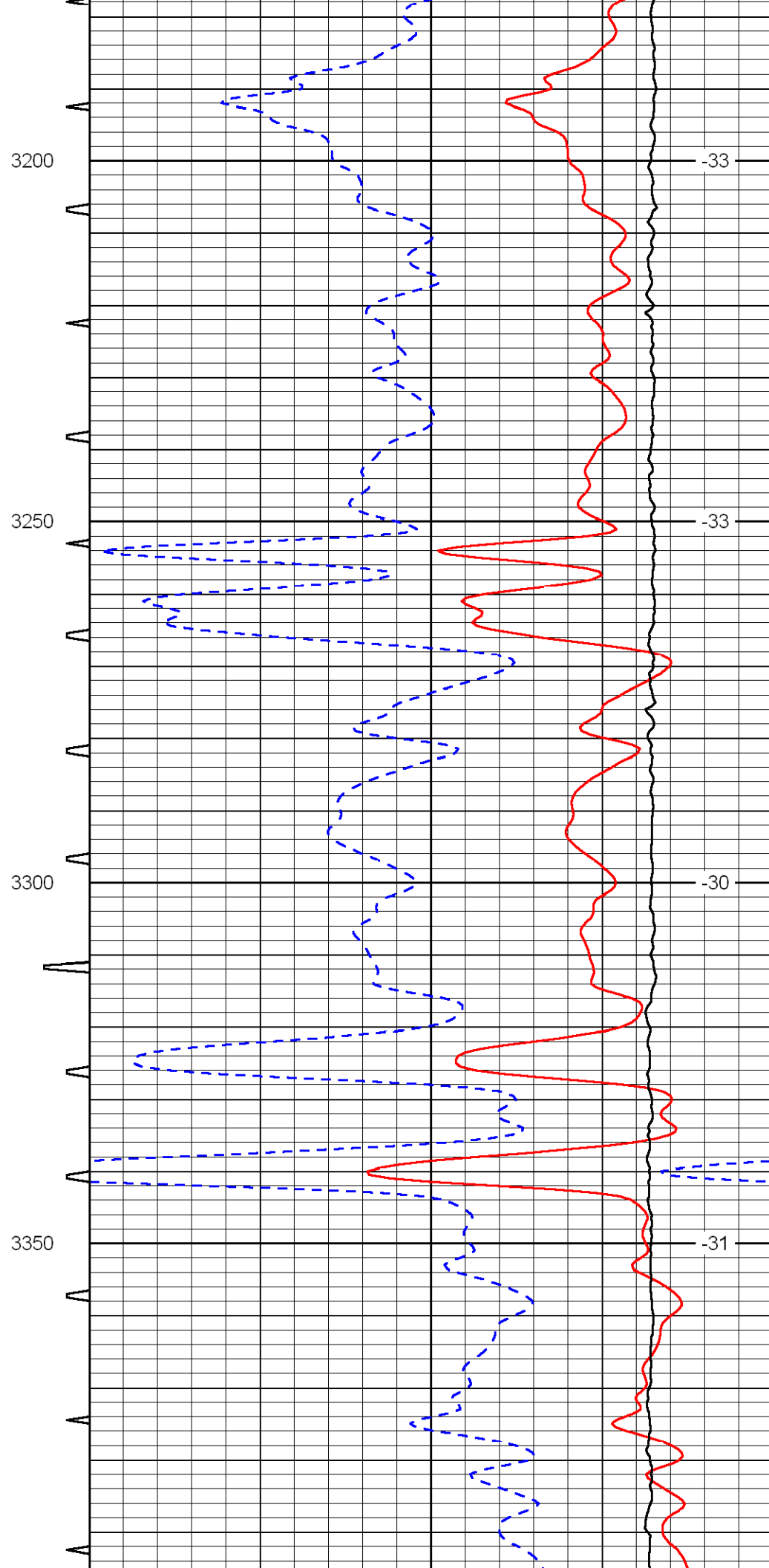
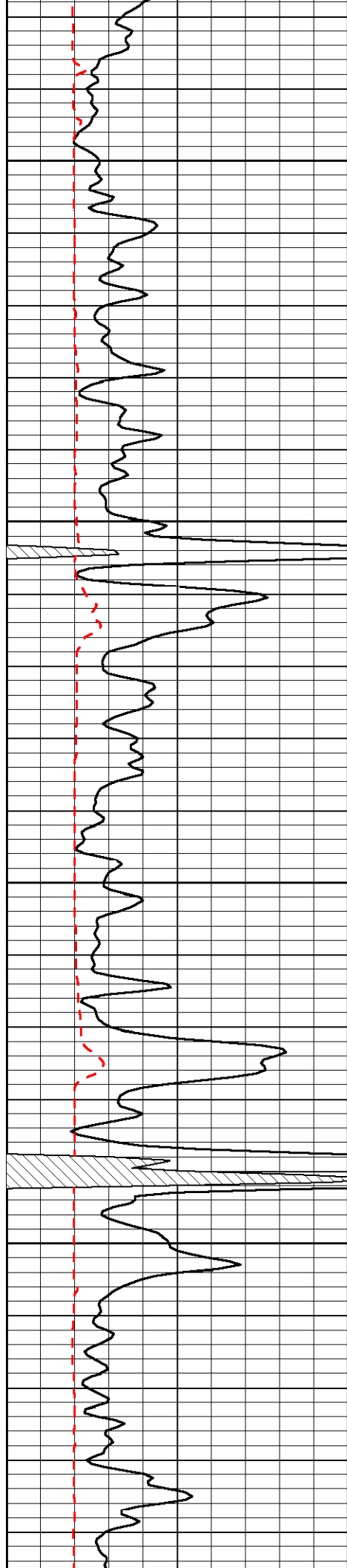


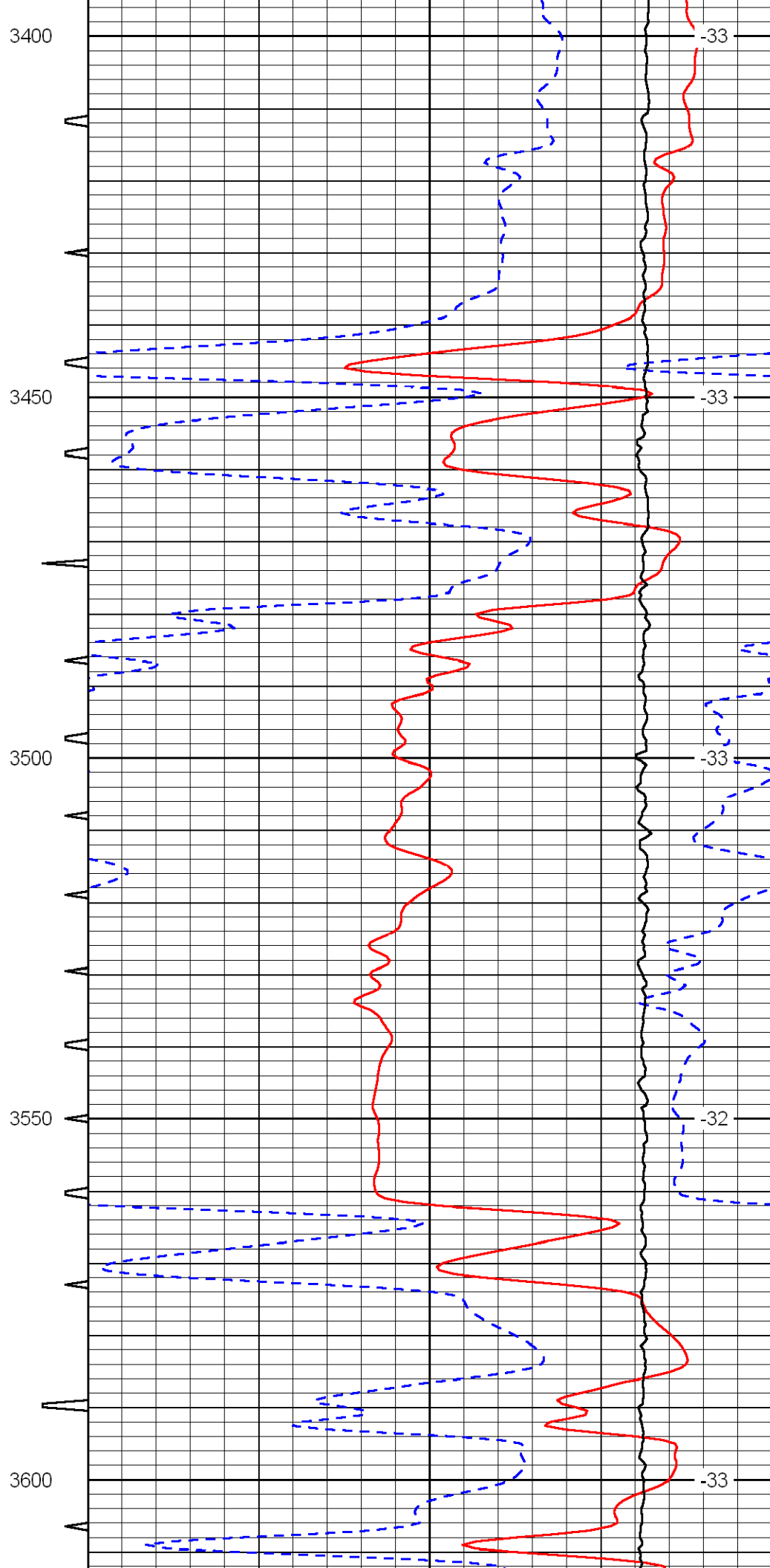
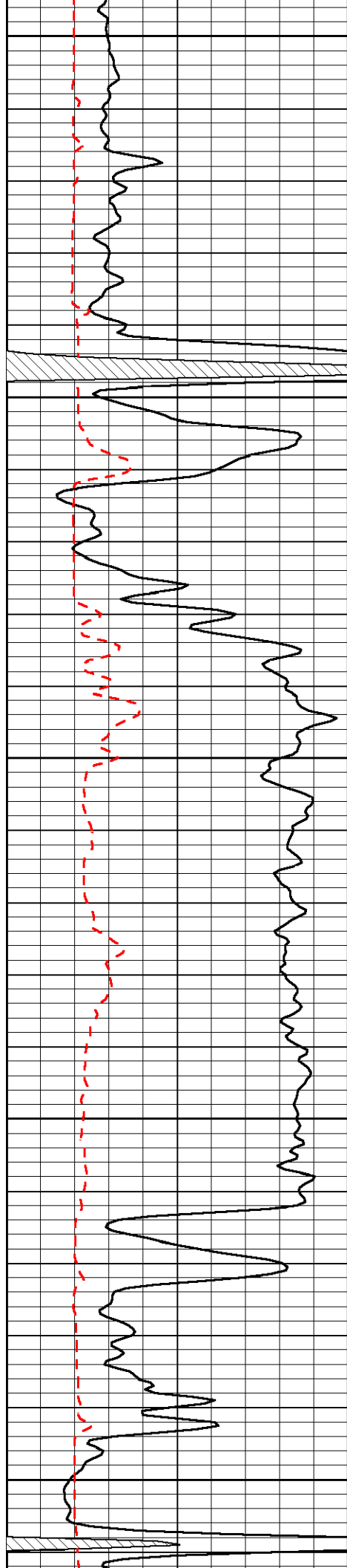


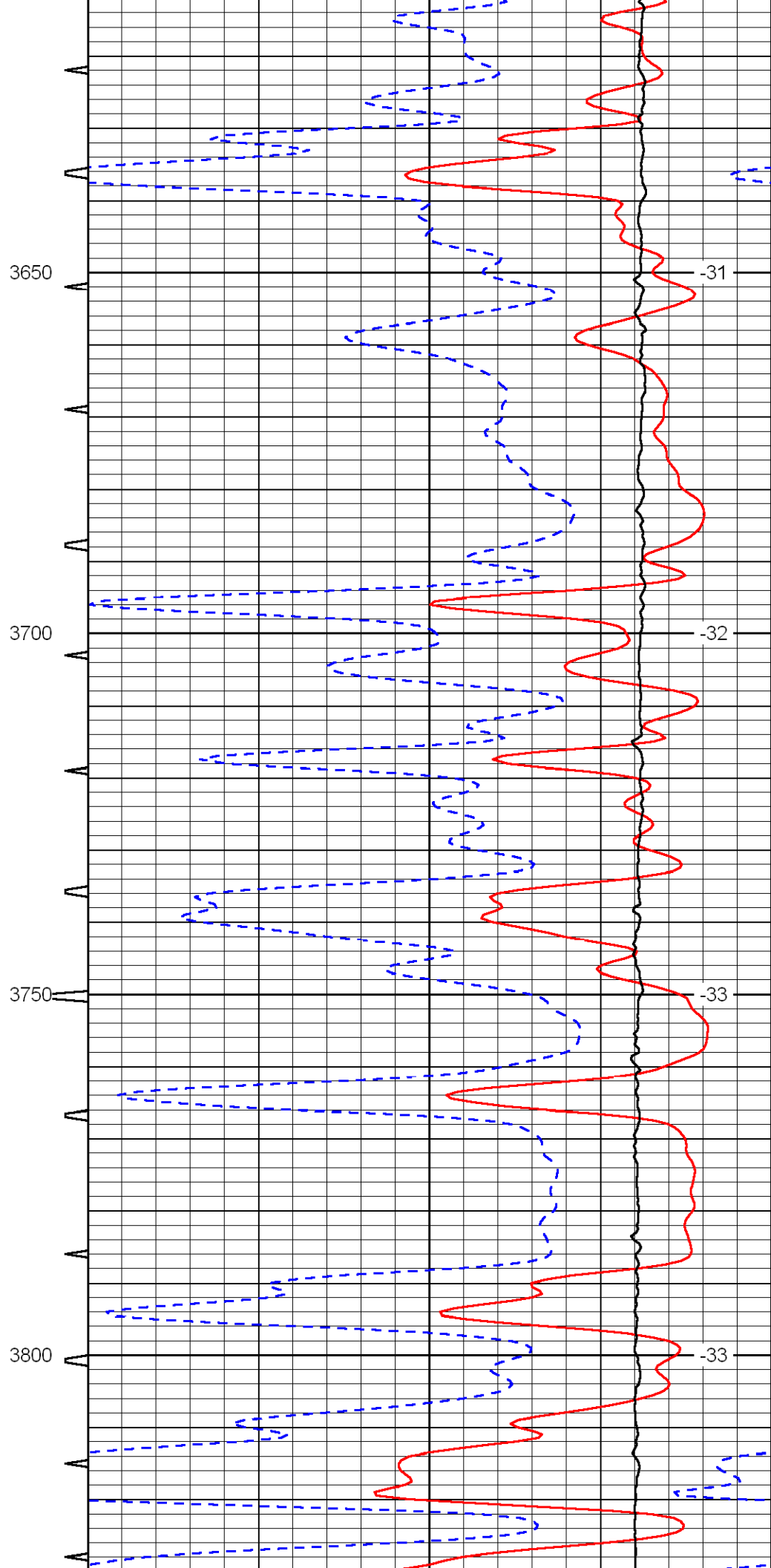
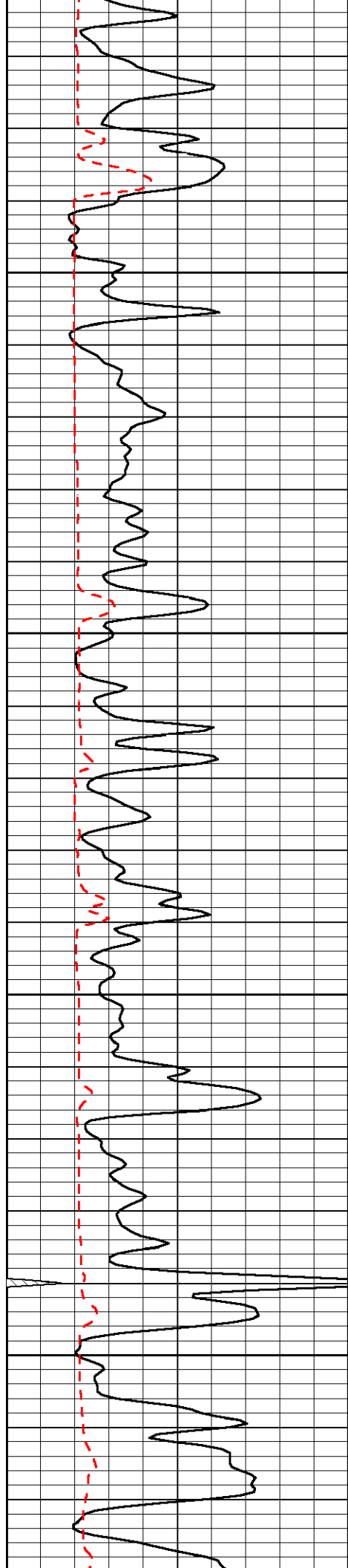


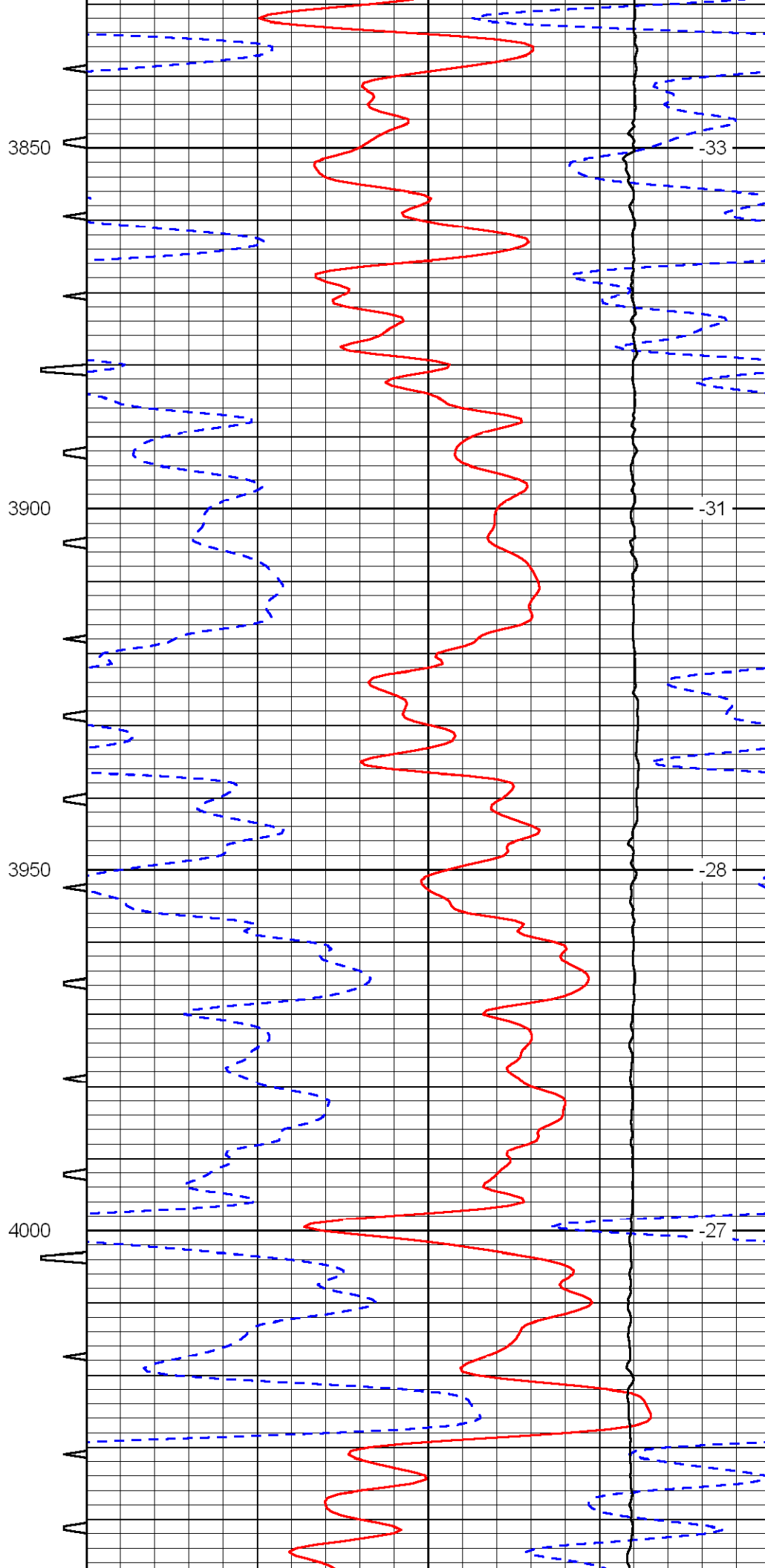
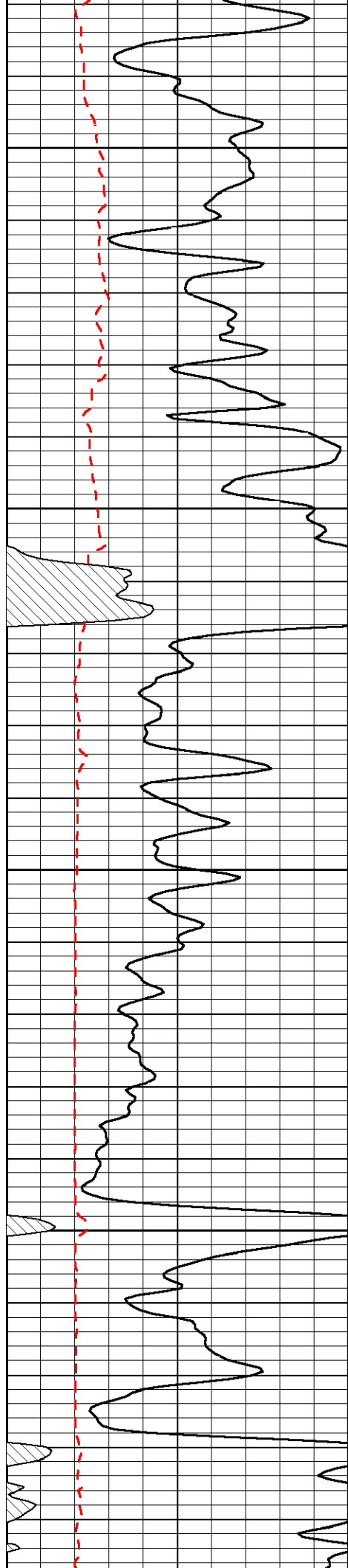


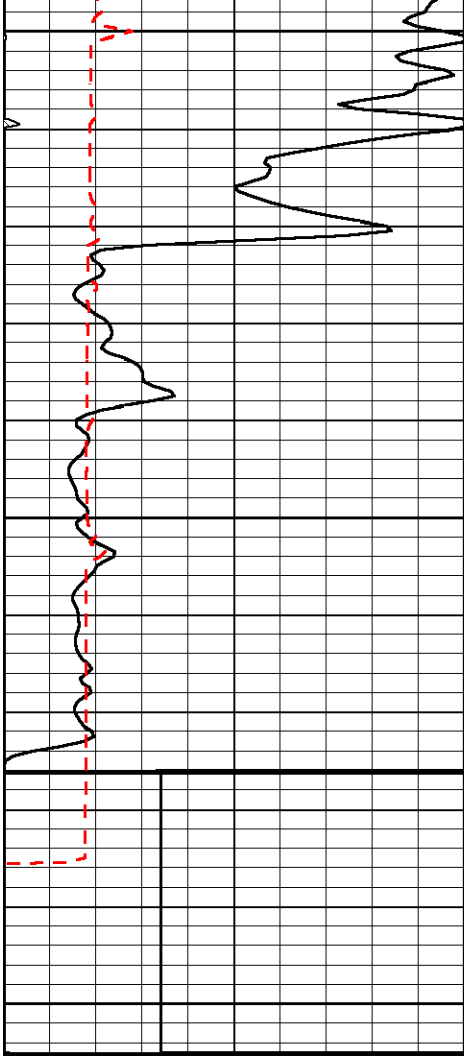




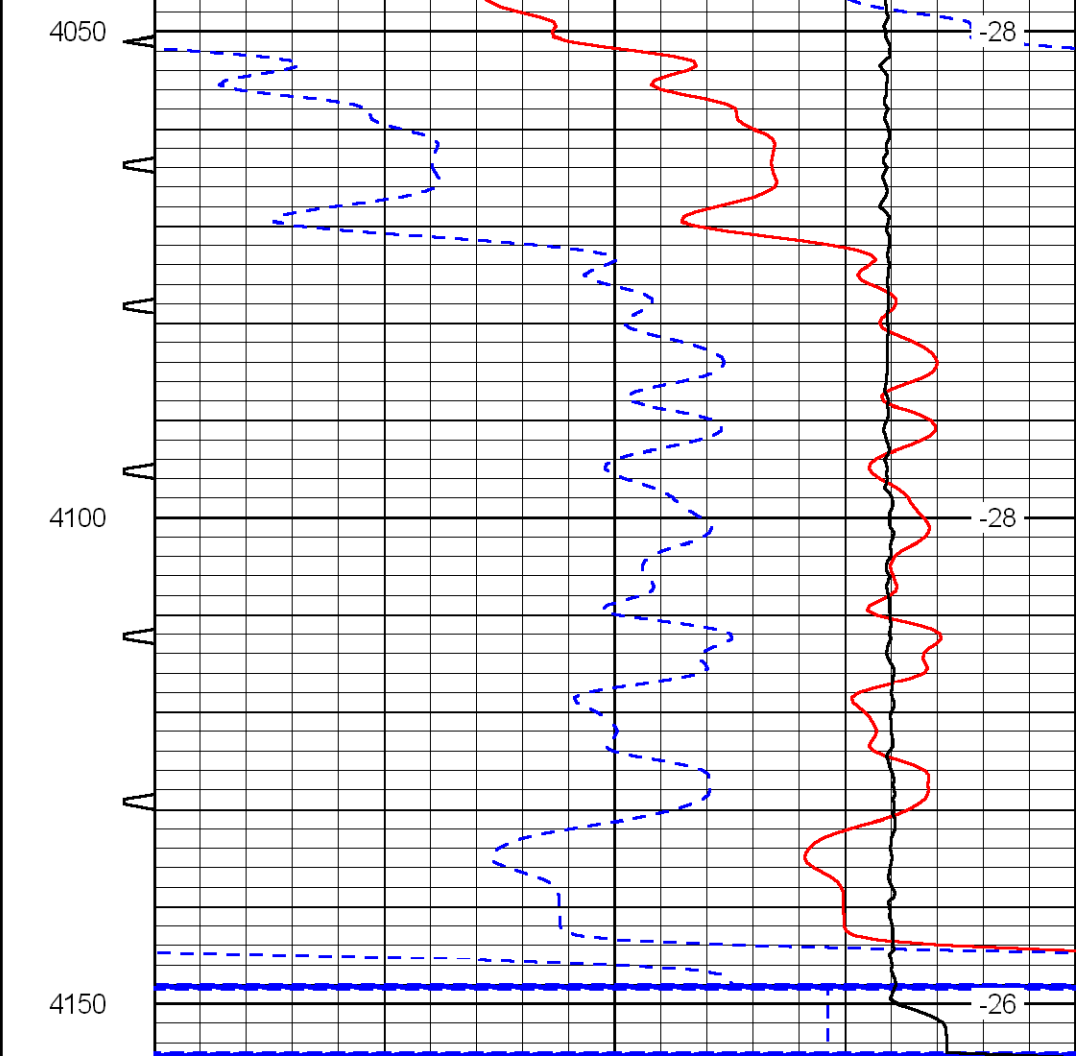








0	Gamma Ray	150
150	Gamma Ray	300
6	Caliper (in)	16



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

LSPD
(ft/min)