



Pioneer Energy Services

Borehole Compensated Sonic Log

15-193-20,920-00-00

API No.

Company Val Energy, Inc.

Well John #1-20

Field Wildcat

County Thomas

State Kansas

Location

2,336' FNL & 1,116' FWL

Sec: 20

Twp: 8S

Rge: 35W

Other Services
CNL/CDL
MEL/DIL

Elevation
K.B. 3327
D.F.
G.L. 3317

Permanent Datum Ground Level Elevation 3317
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date 5/5/2014

Run Number Two

Type Log BHC Sonic

Depth Driller 4860

Depth Logger 4860

Bottom Logged Interval 4849

Top Logged Interval 300

Type Fluid In Hole Chemical

Salinity, PPM CL 5000

Density 9.3

Level Full

Max. Rec. Temp. F 125

Operating Rig Time 4 1/2 Hours

Equipment -- Location 108 Hays

Recorded By J. Long

Witnessed By Harley Sayles

Borehole Record

Casing Record

Run No. Bit From To Size Wgt. From To

1 12.25 00 316 8.625 24# 00 316

2 7.875 316 4860

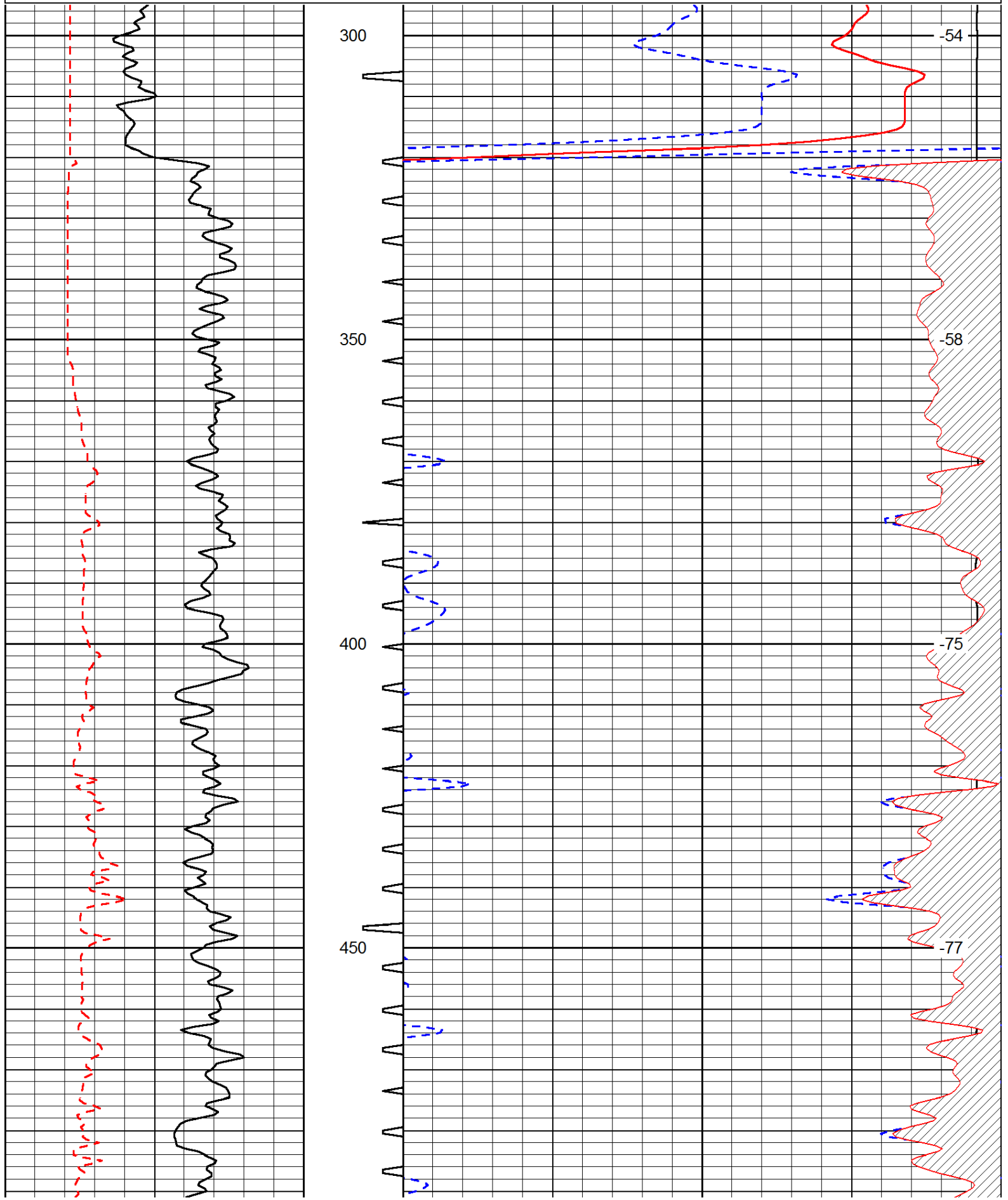
Comments

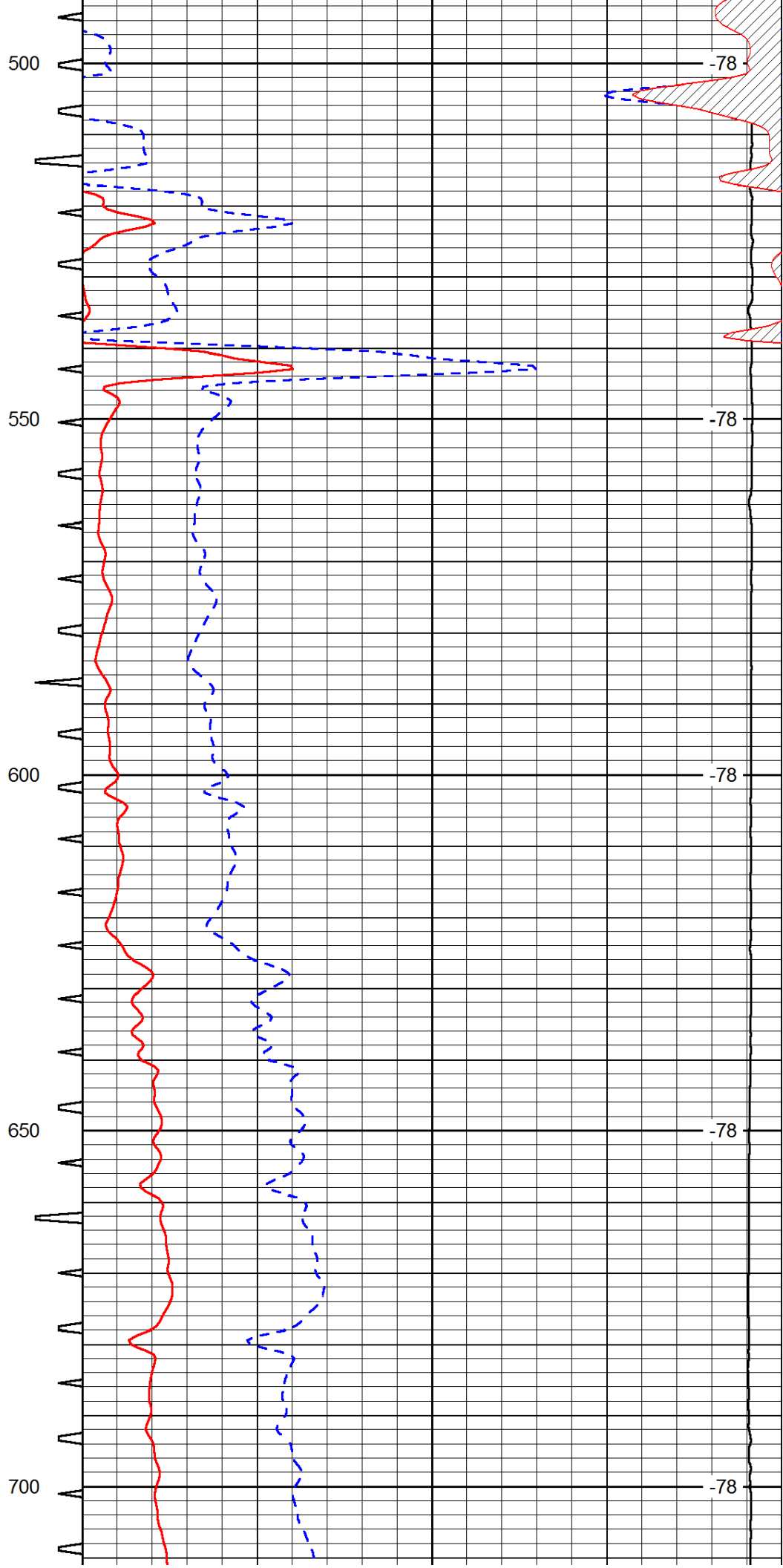
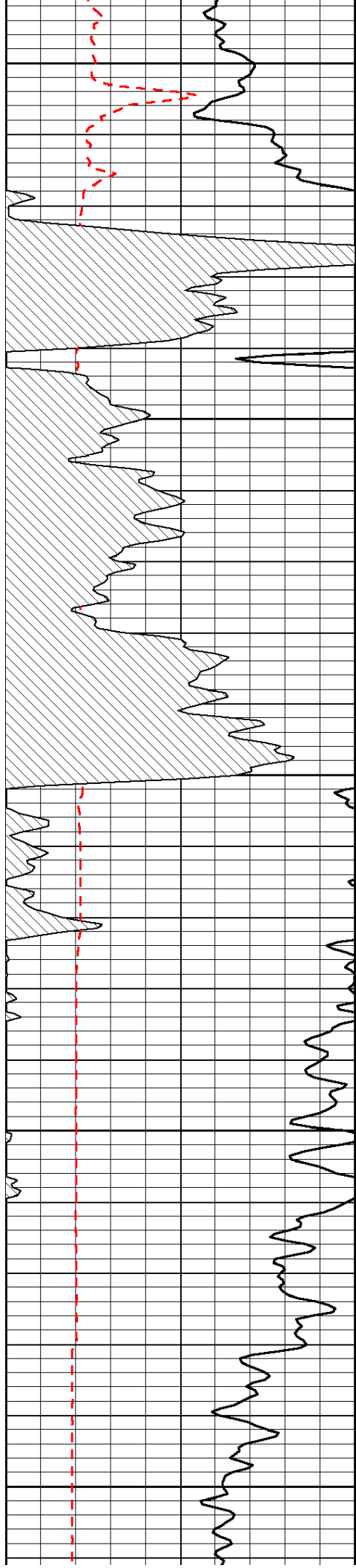
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

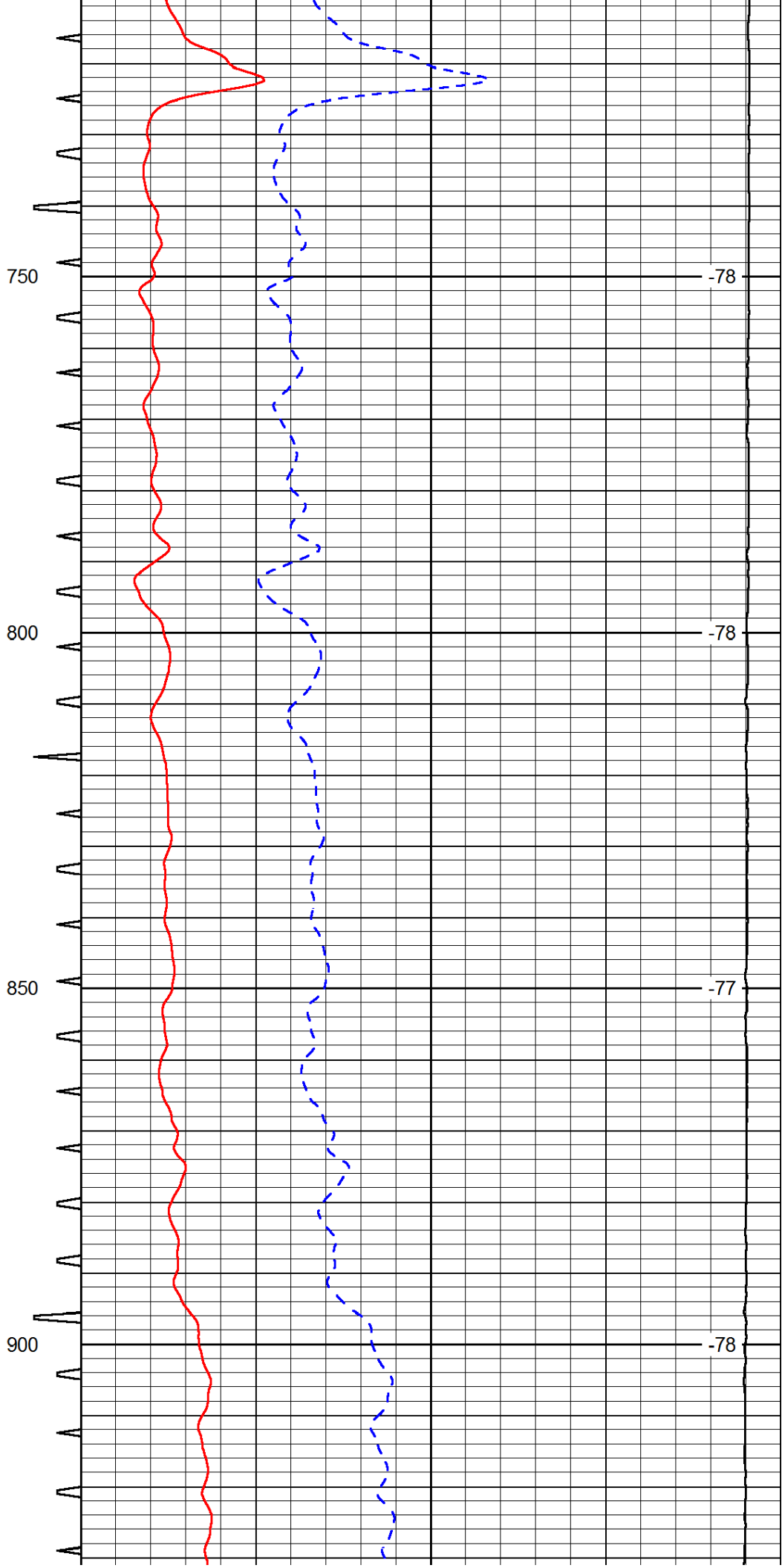
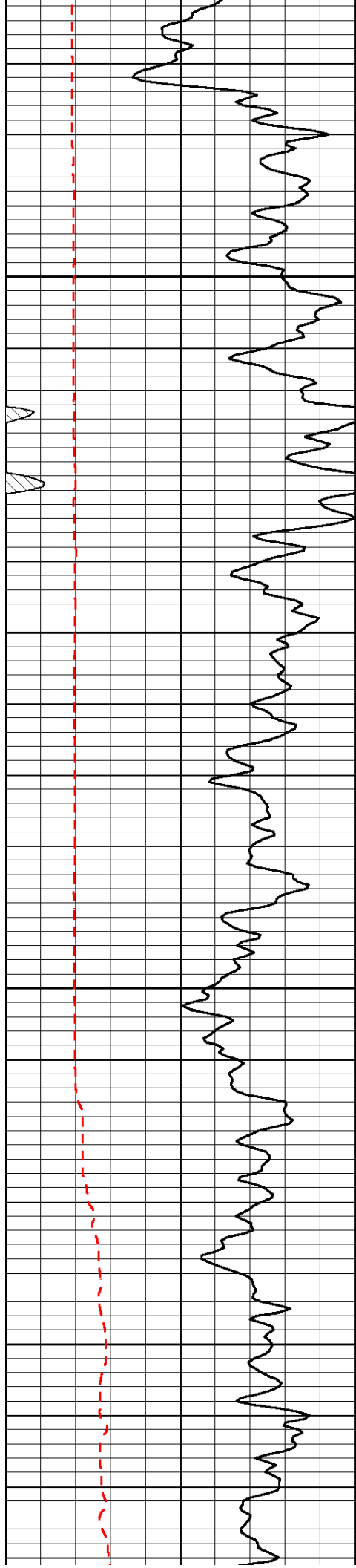
Levant Exit & I-70, 1 South, 2 3/4 West, South Into

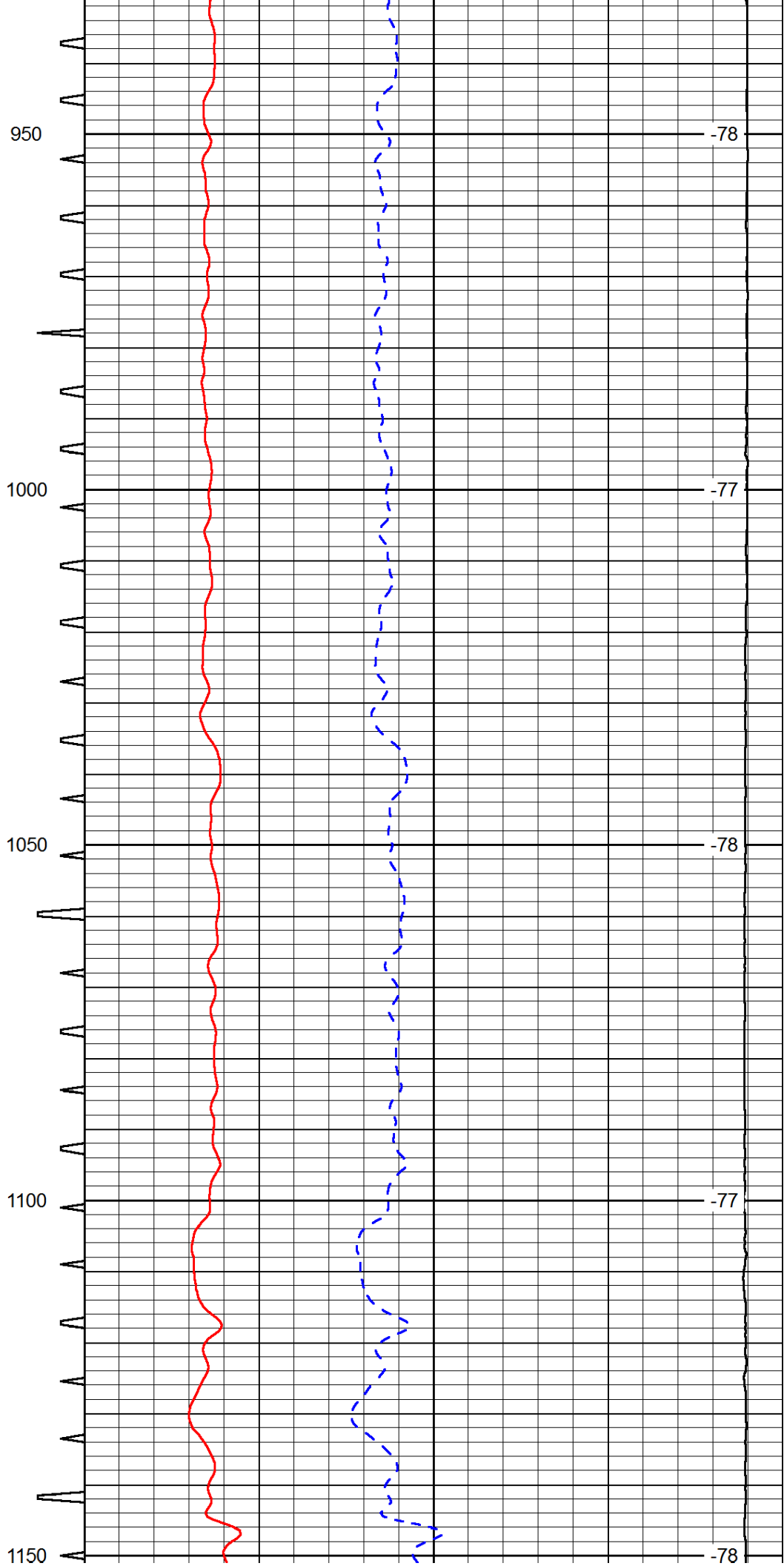
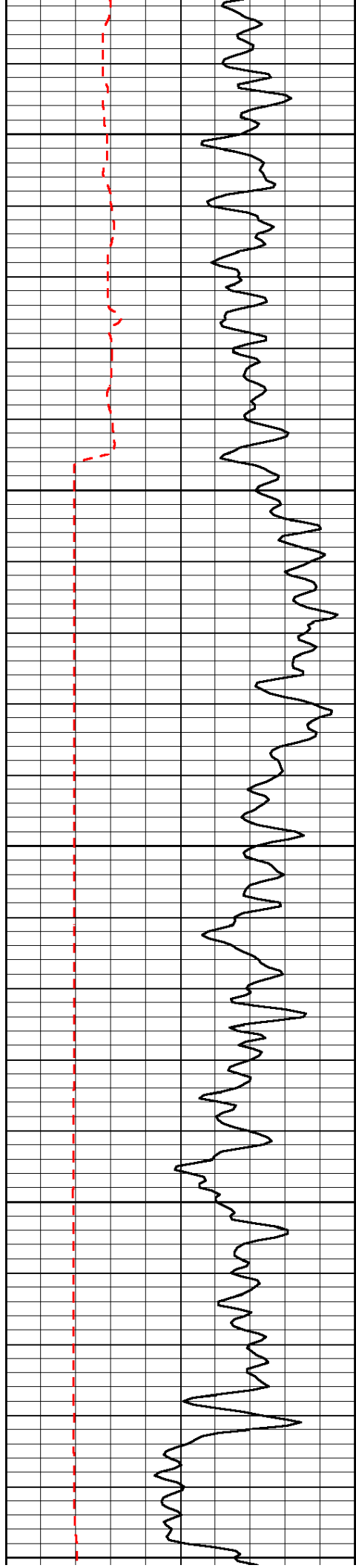
Database File: c:\warrior\data\val_john #1-20\val_john_1-20hd.db
Dataset Pathname: dil\valstck
Presentation Format: sonic
Dataset Creation: Mon May 05 06:35:39 2014
Charted by: Depth in Feet scaled 1:240

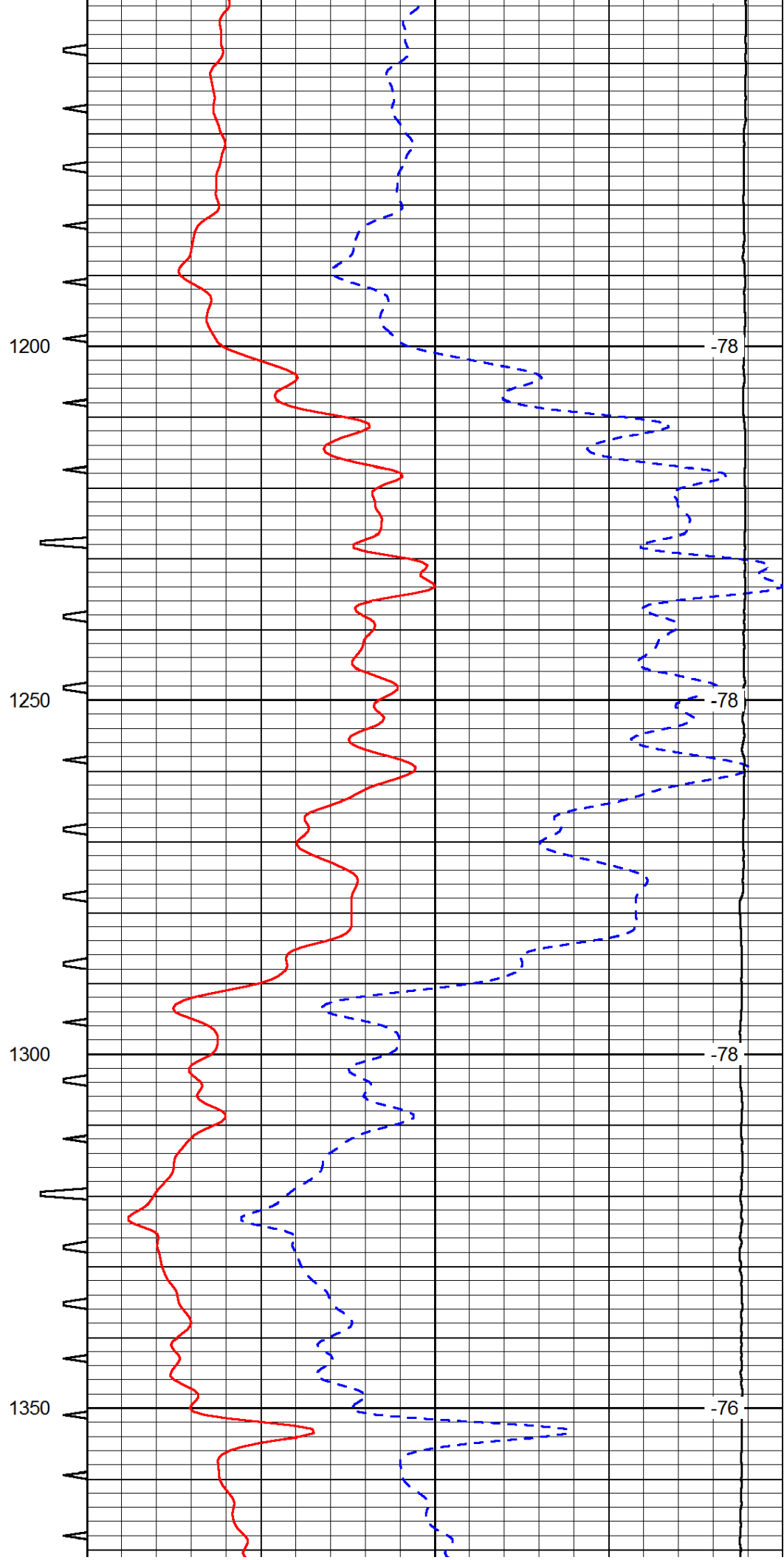
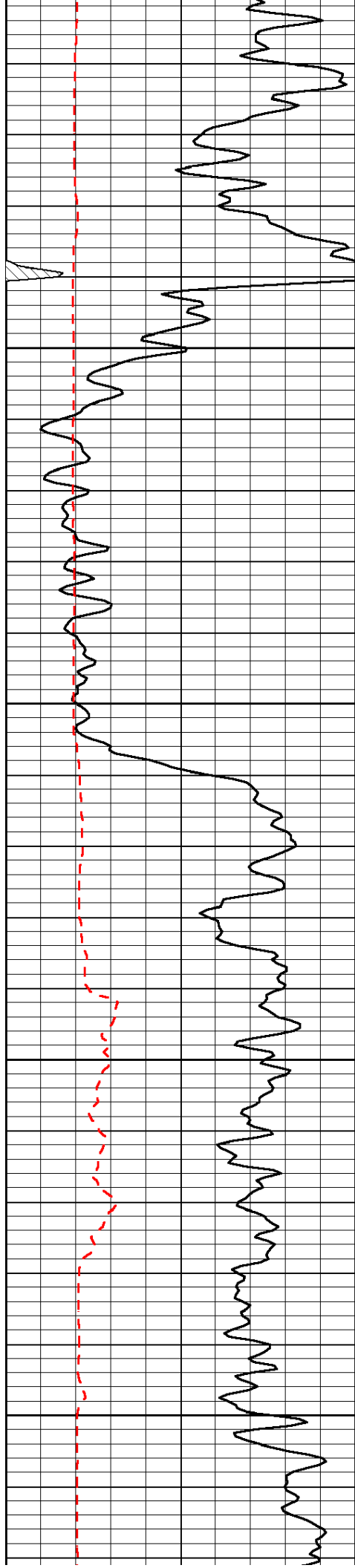
Charted by:		Depth in Feet scaled 1:2.15					
0	Gamma Ray	150	5	0	140	Delta Time (usec/ft)	40
150	Gamma Ray	300			30	SPOR	-10
6	Caliper (GAPI)	16			15000	LTEN (lb)	0
							LSPD

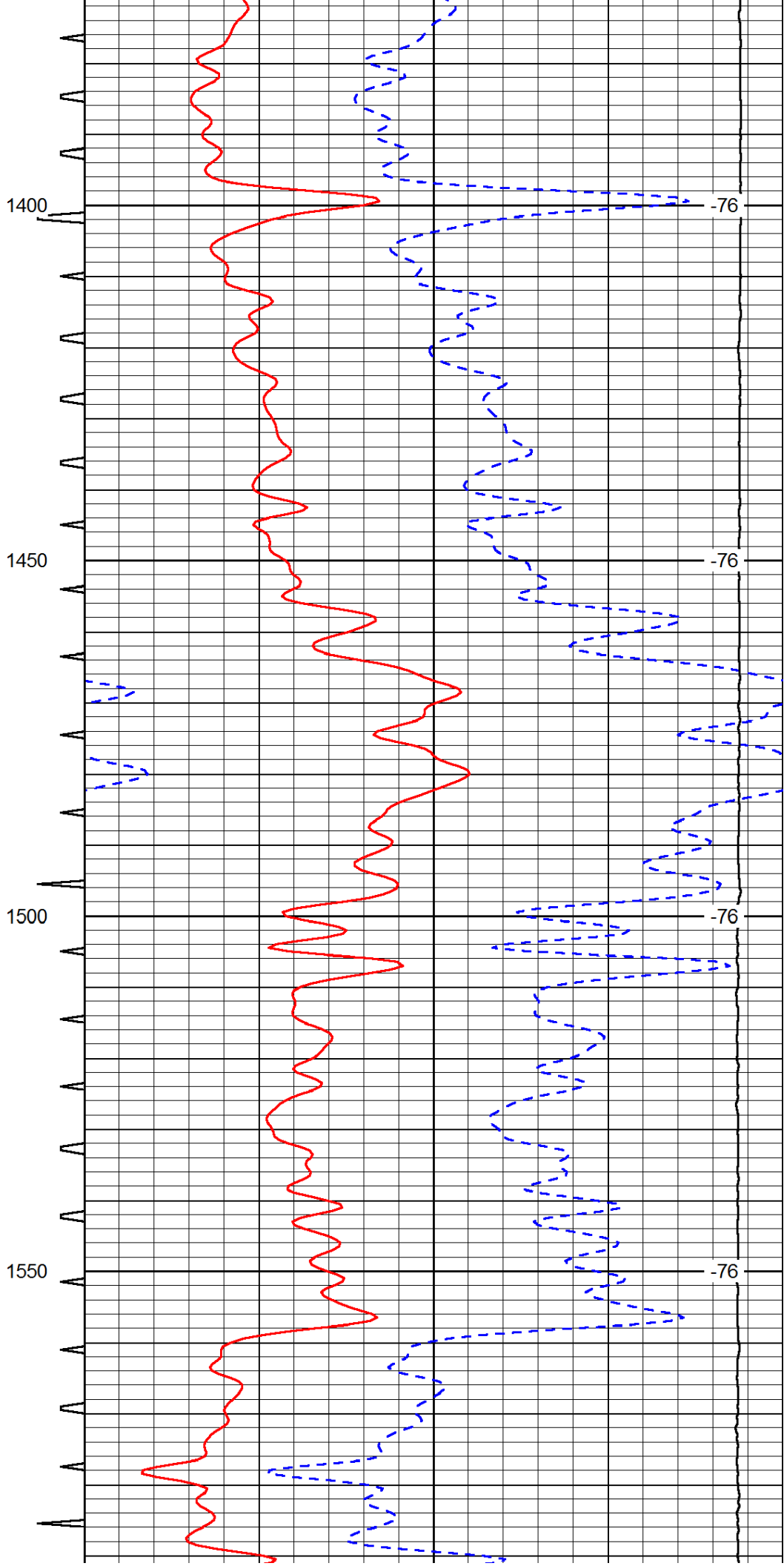
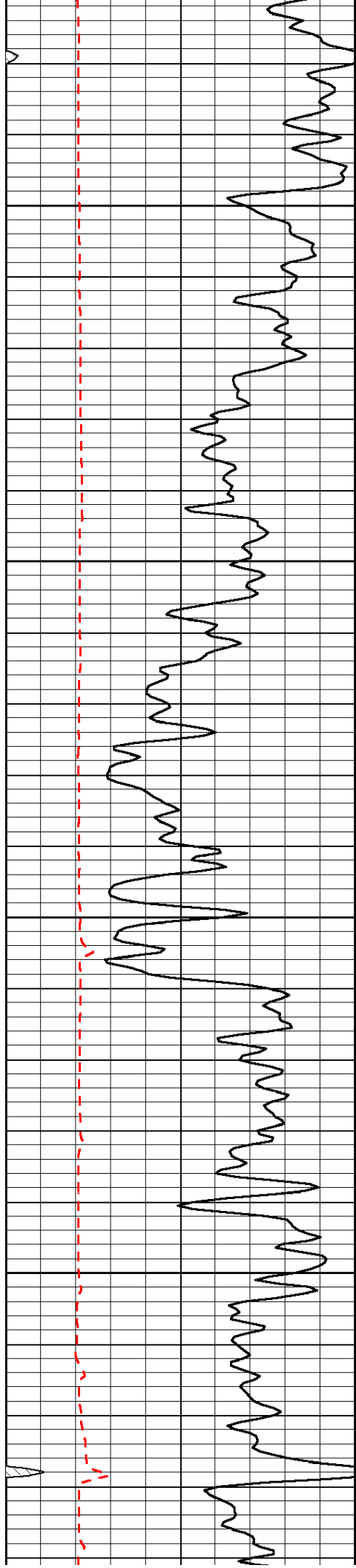


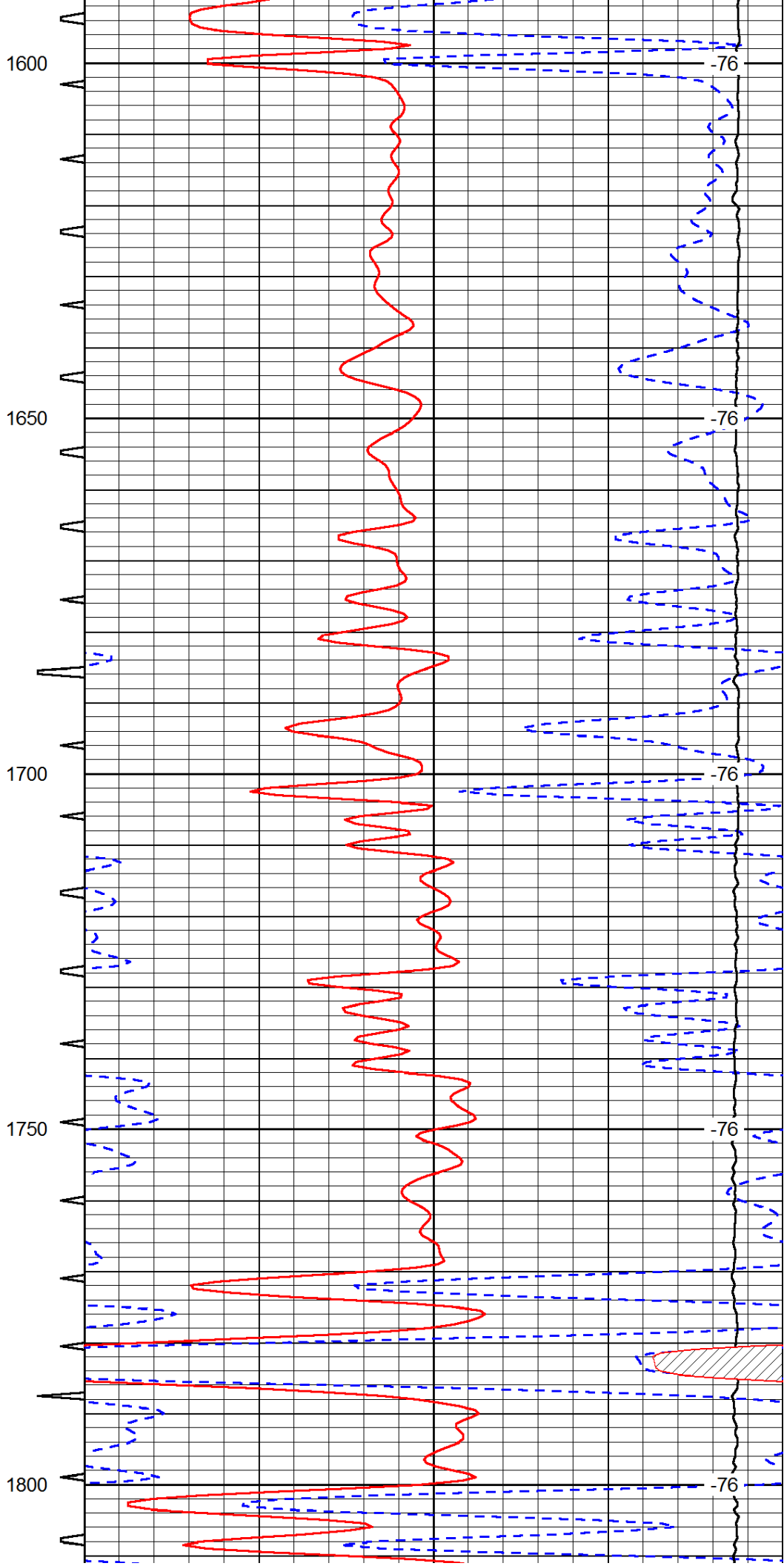
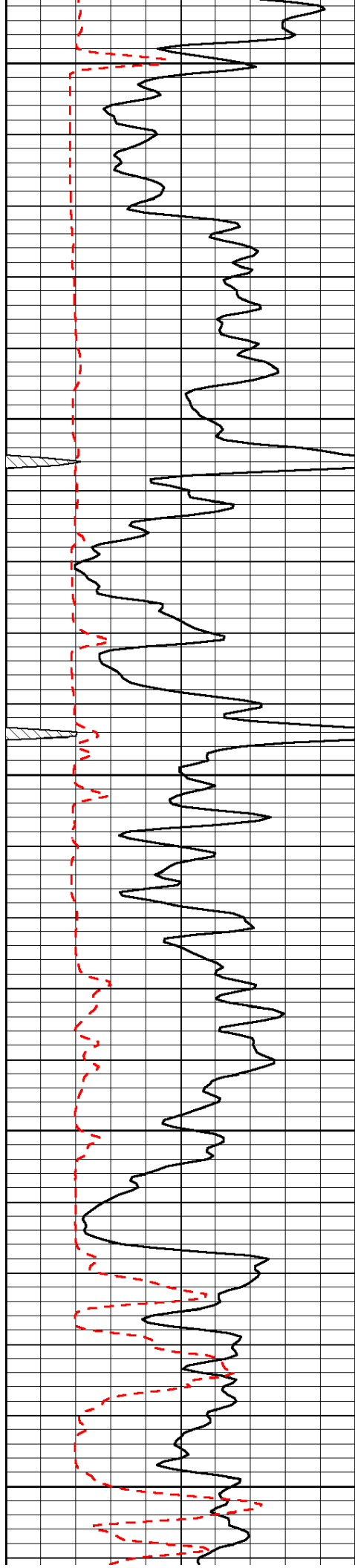


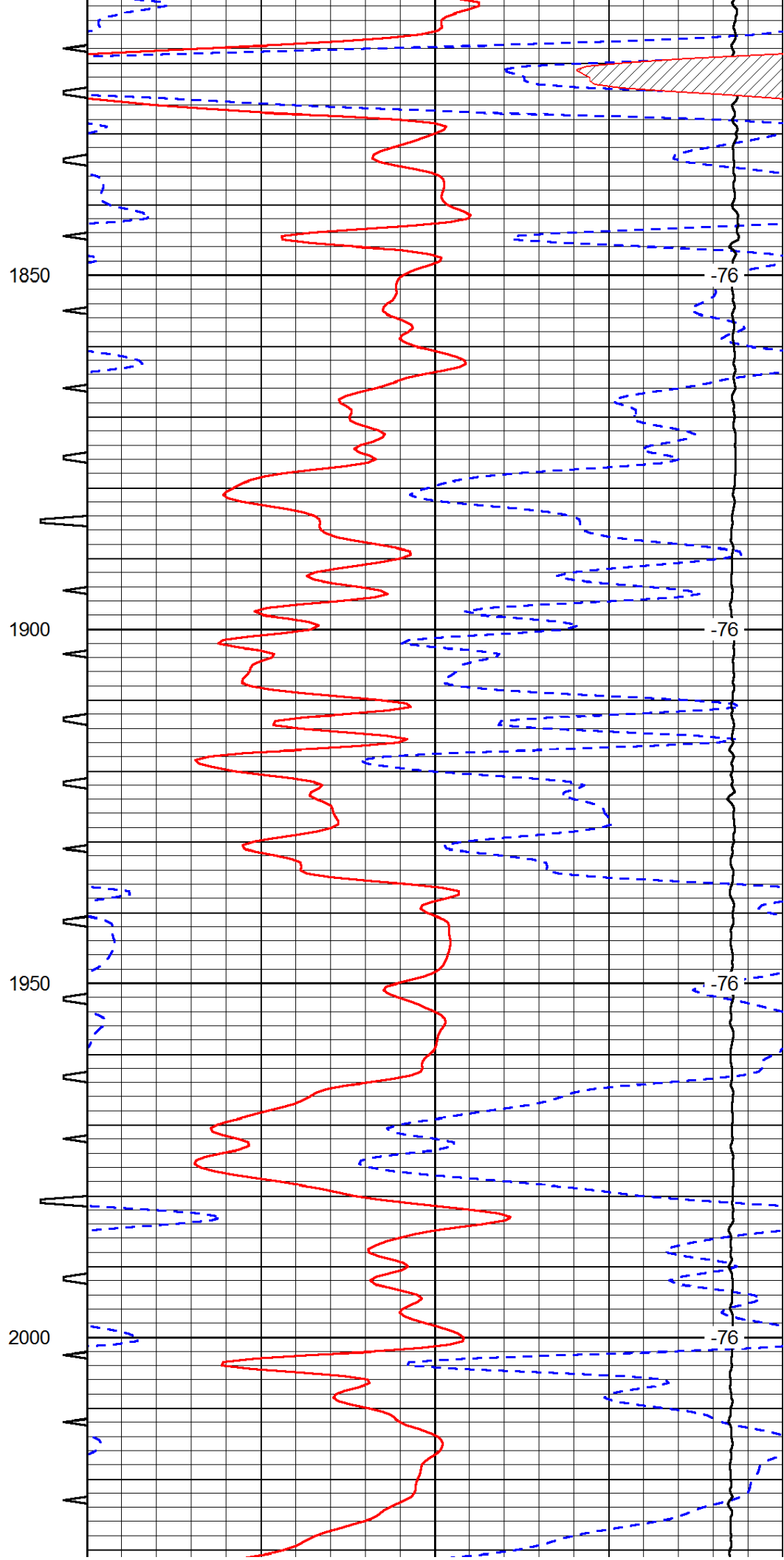
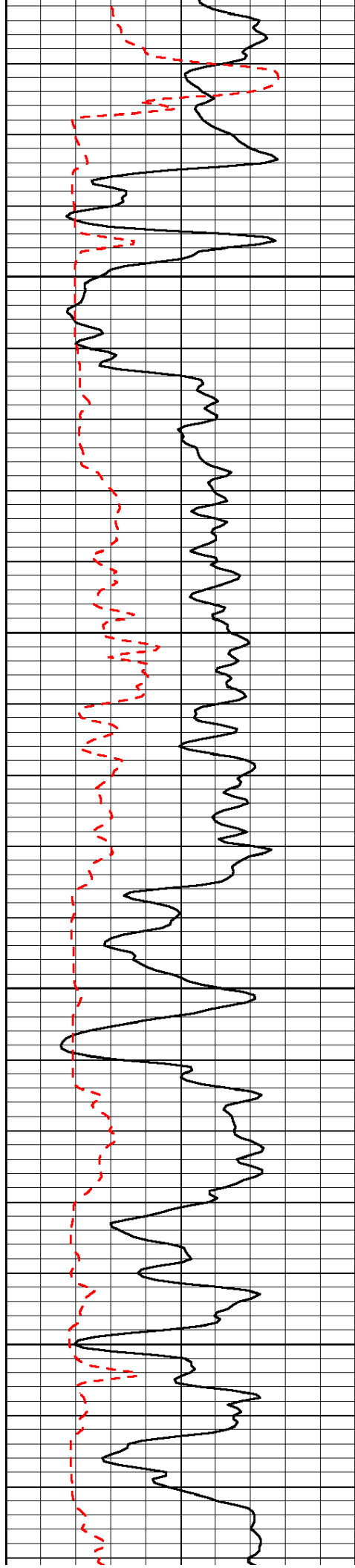


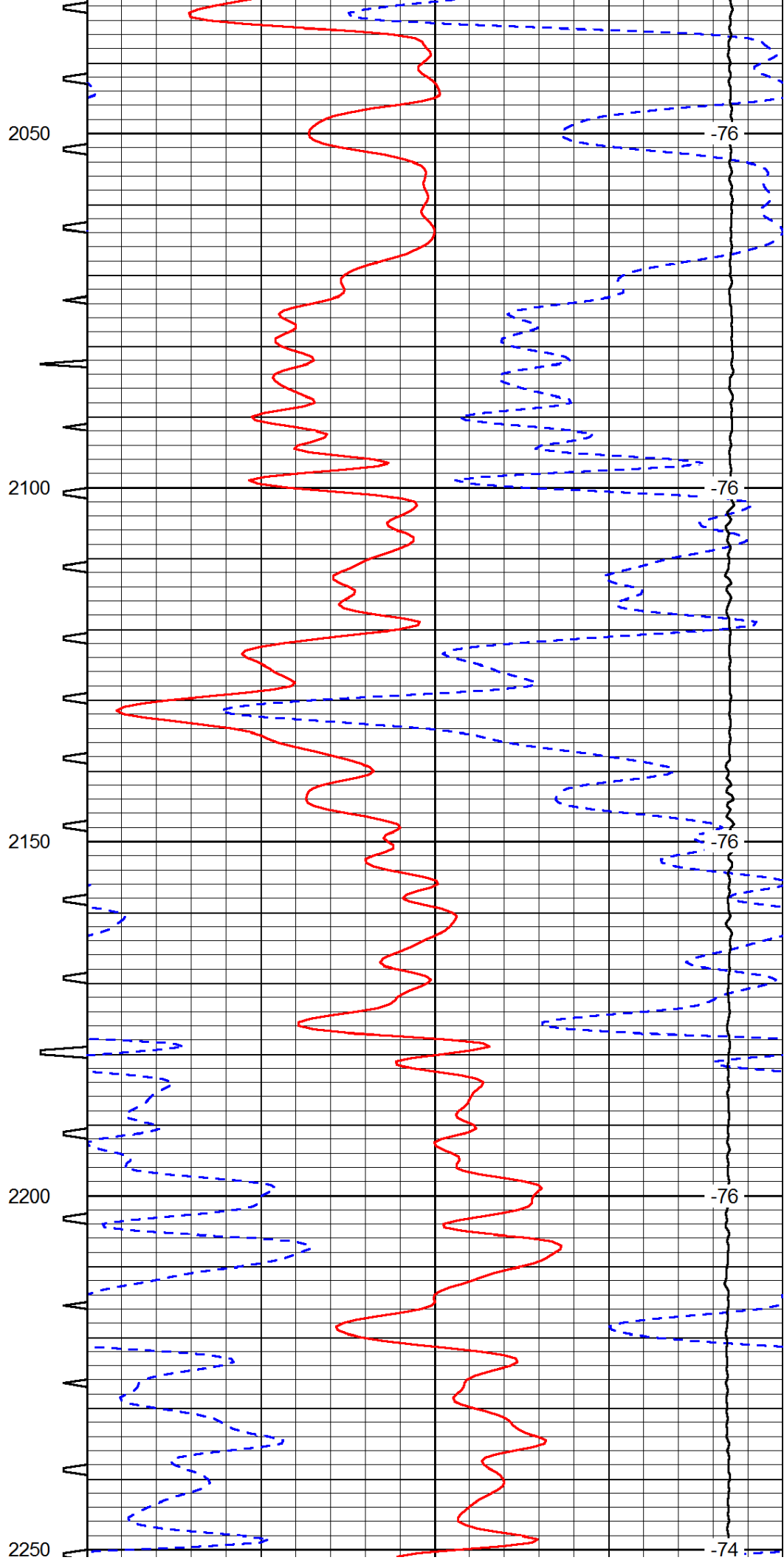
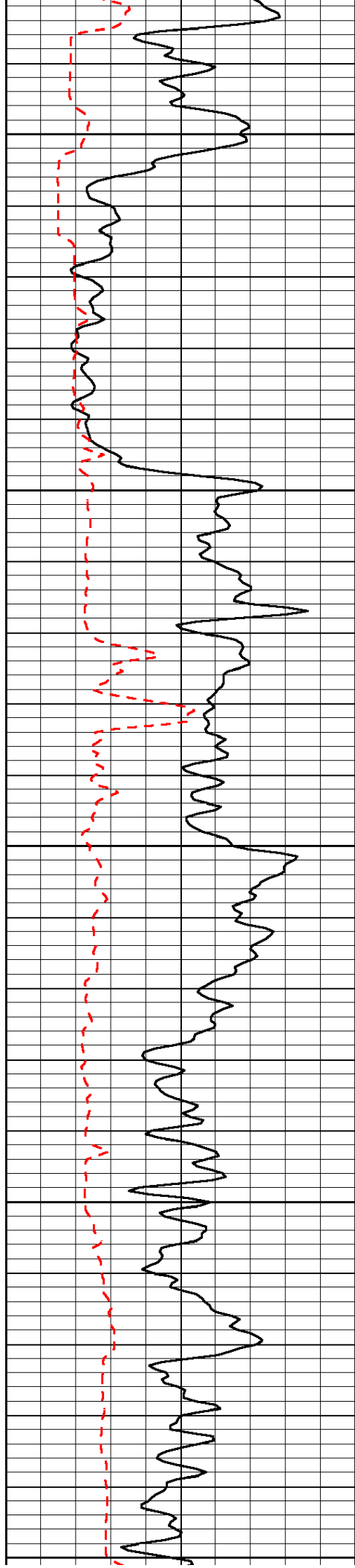


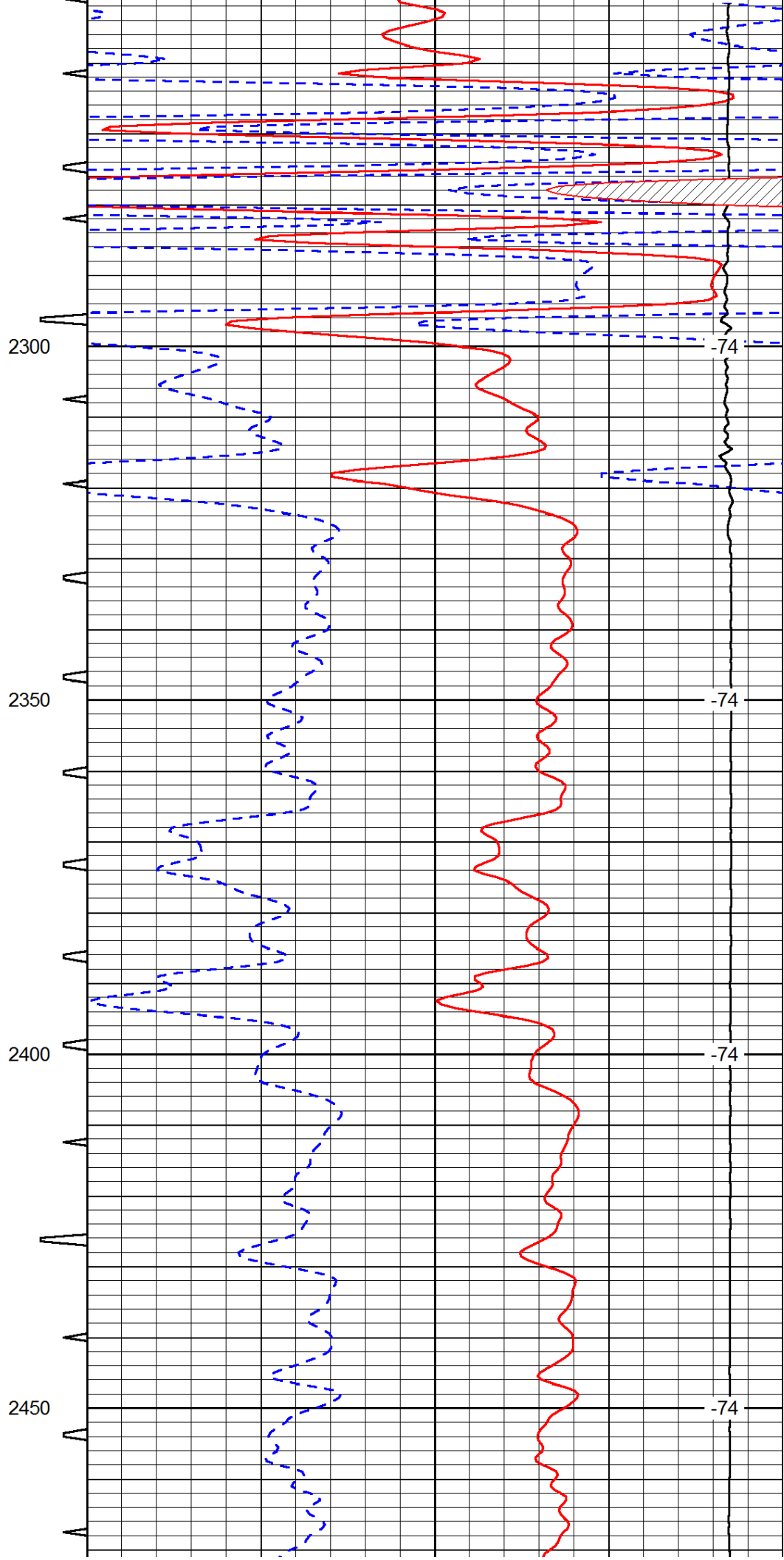
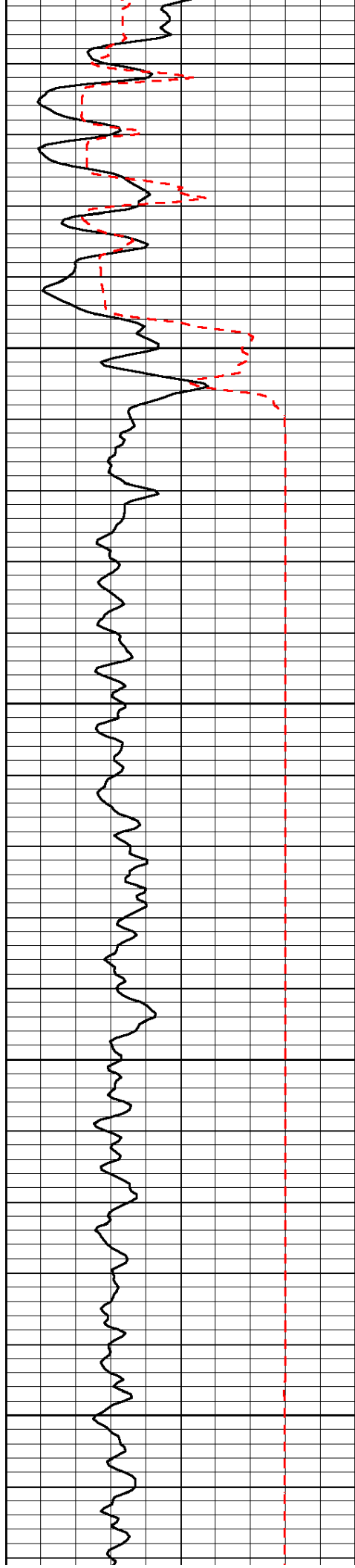


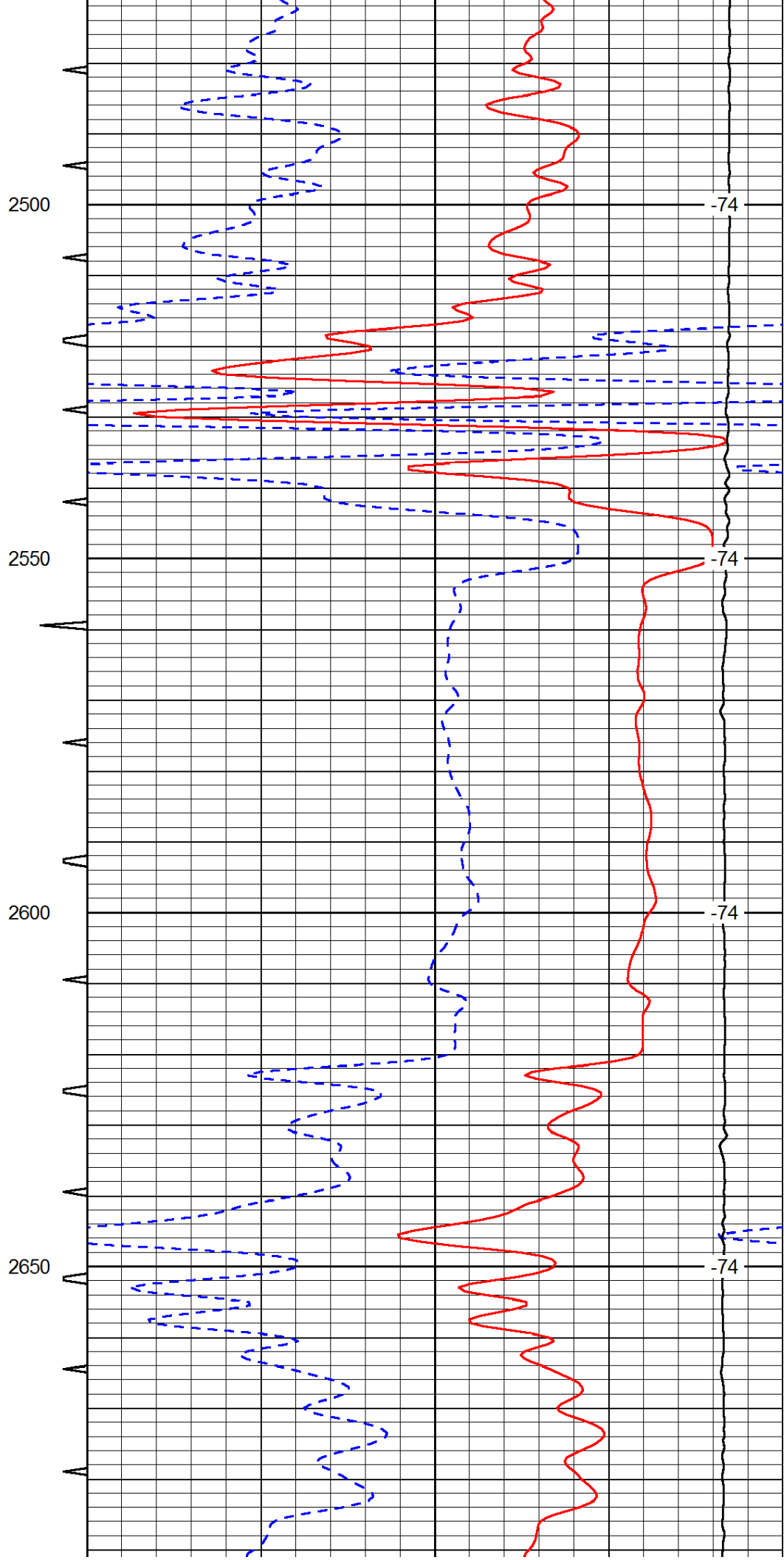
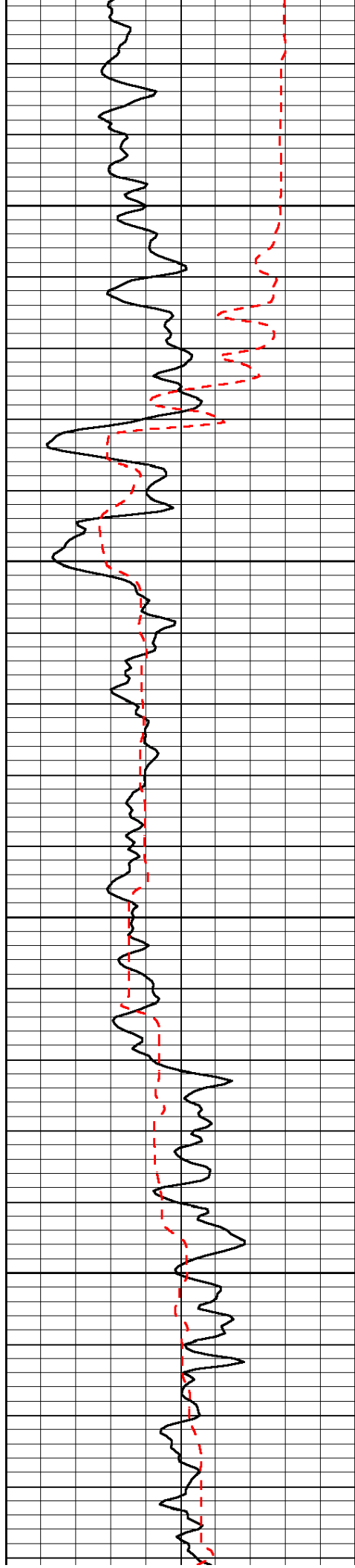


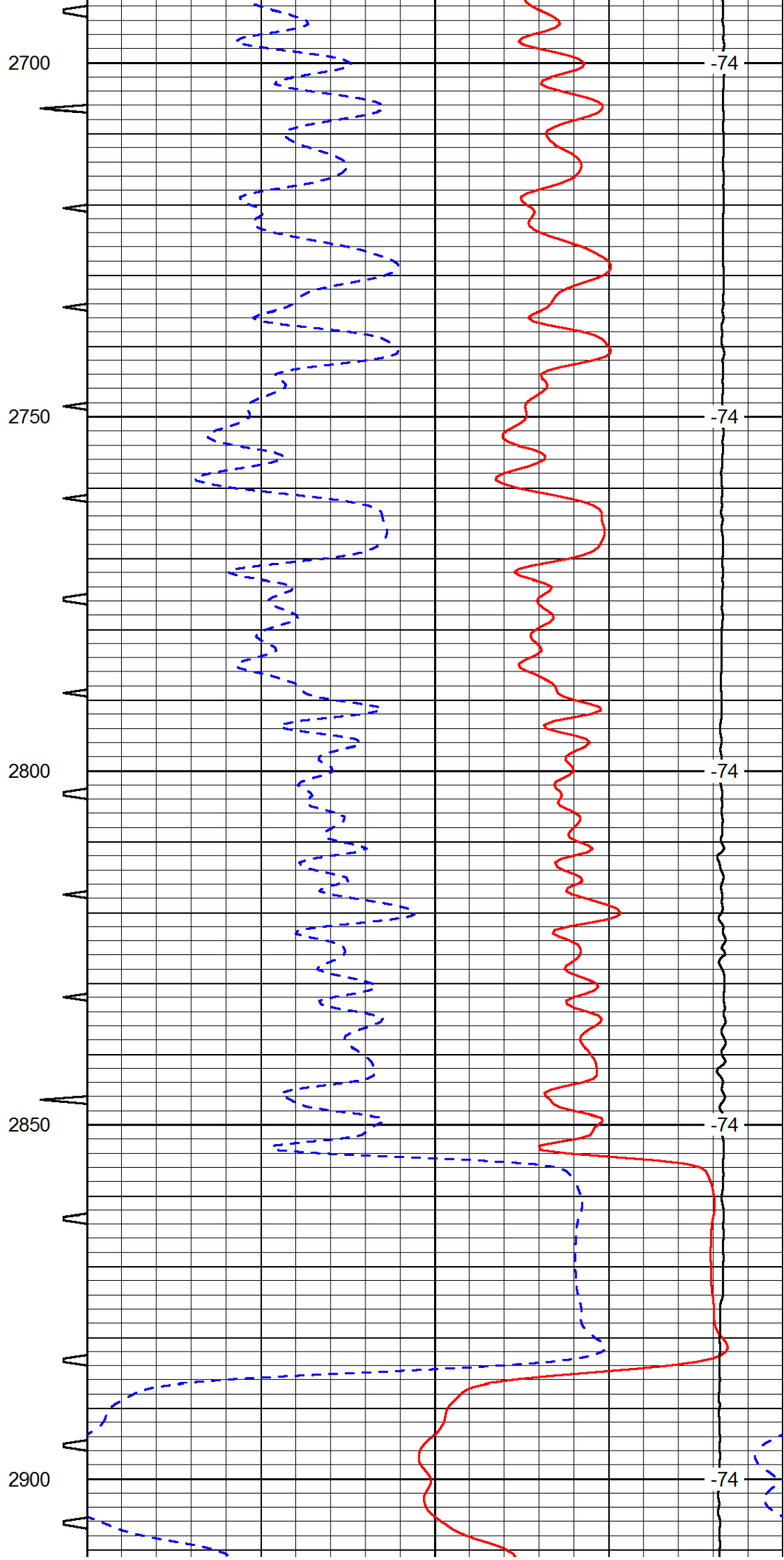
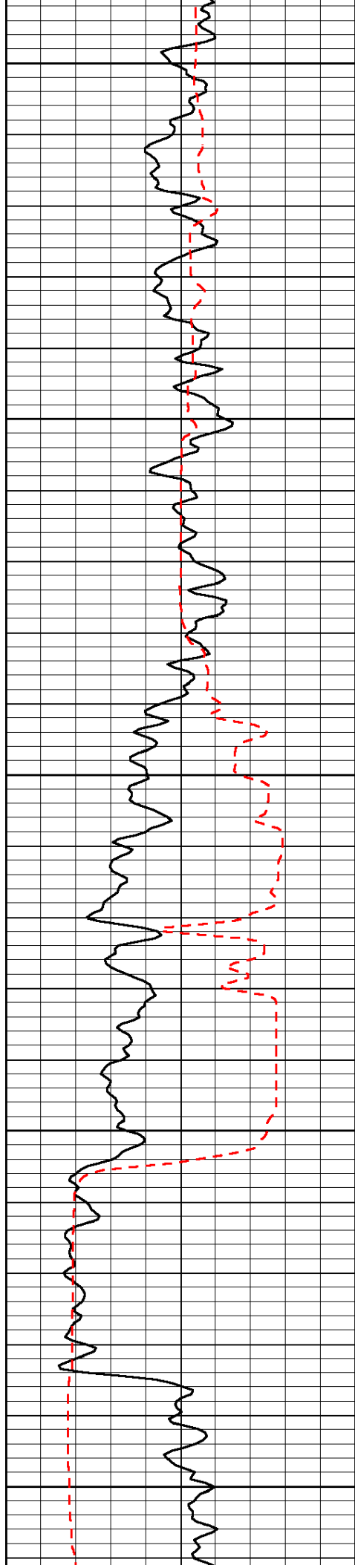


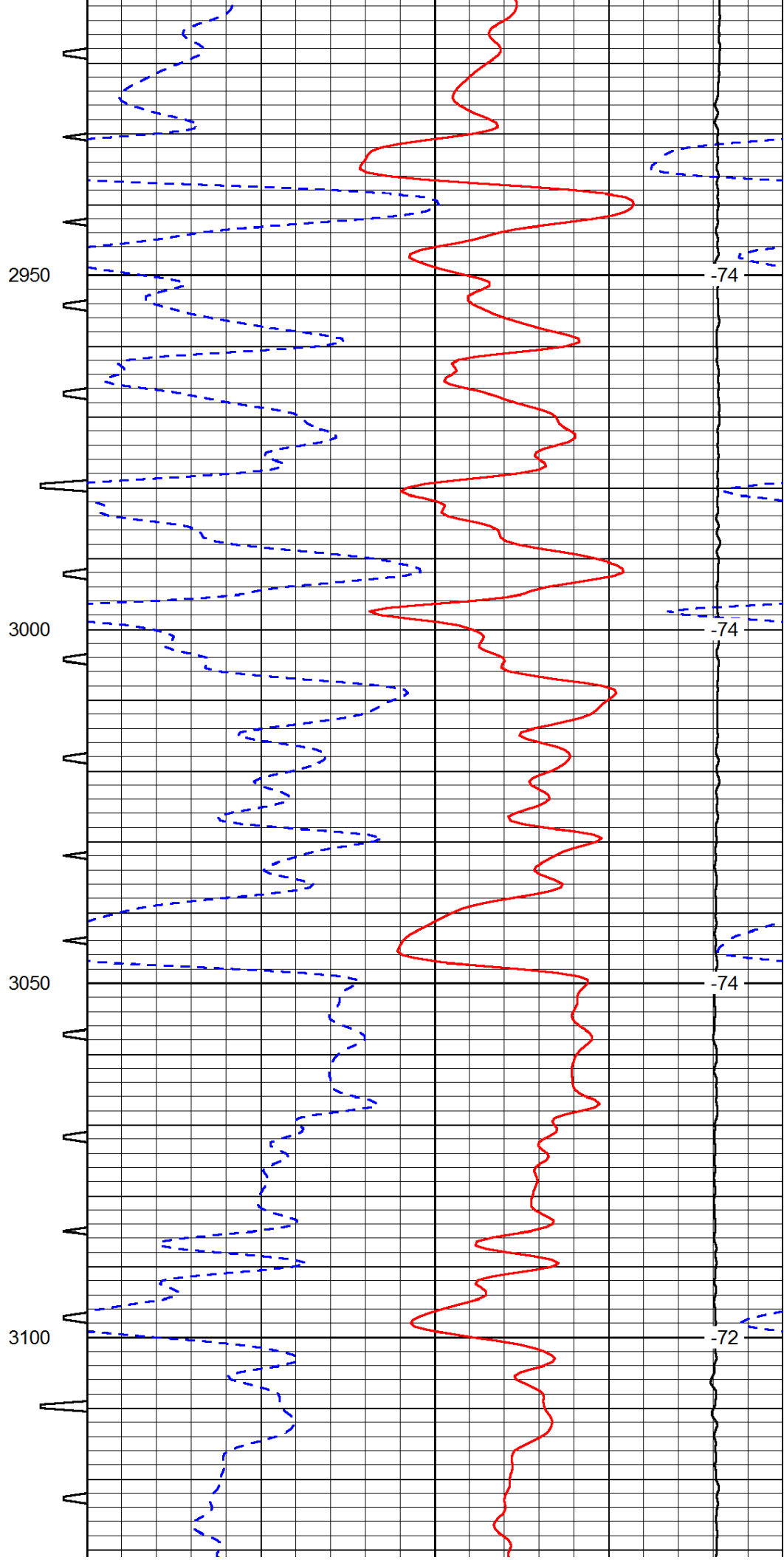
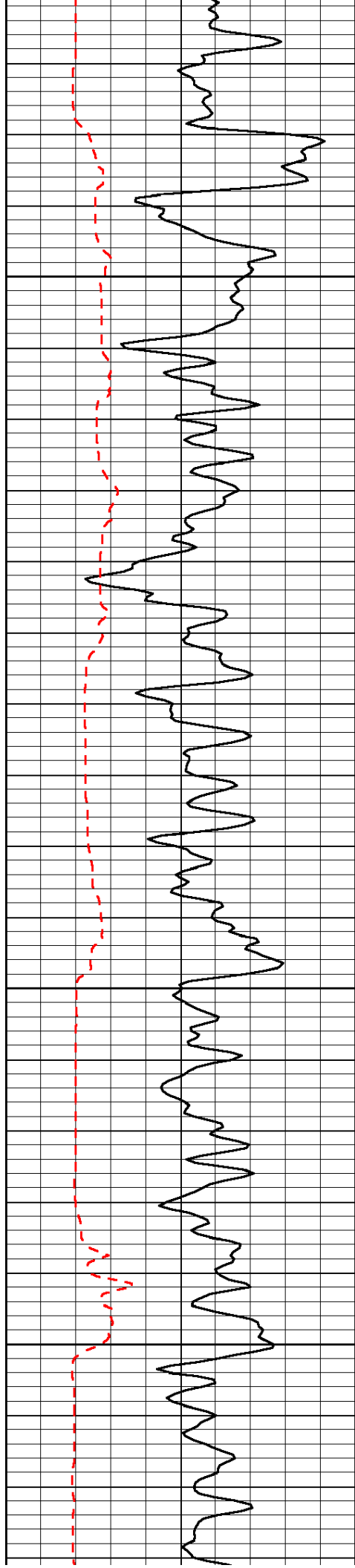


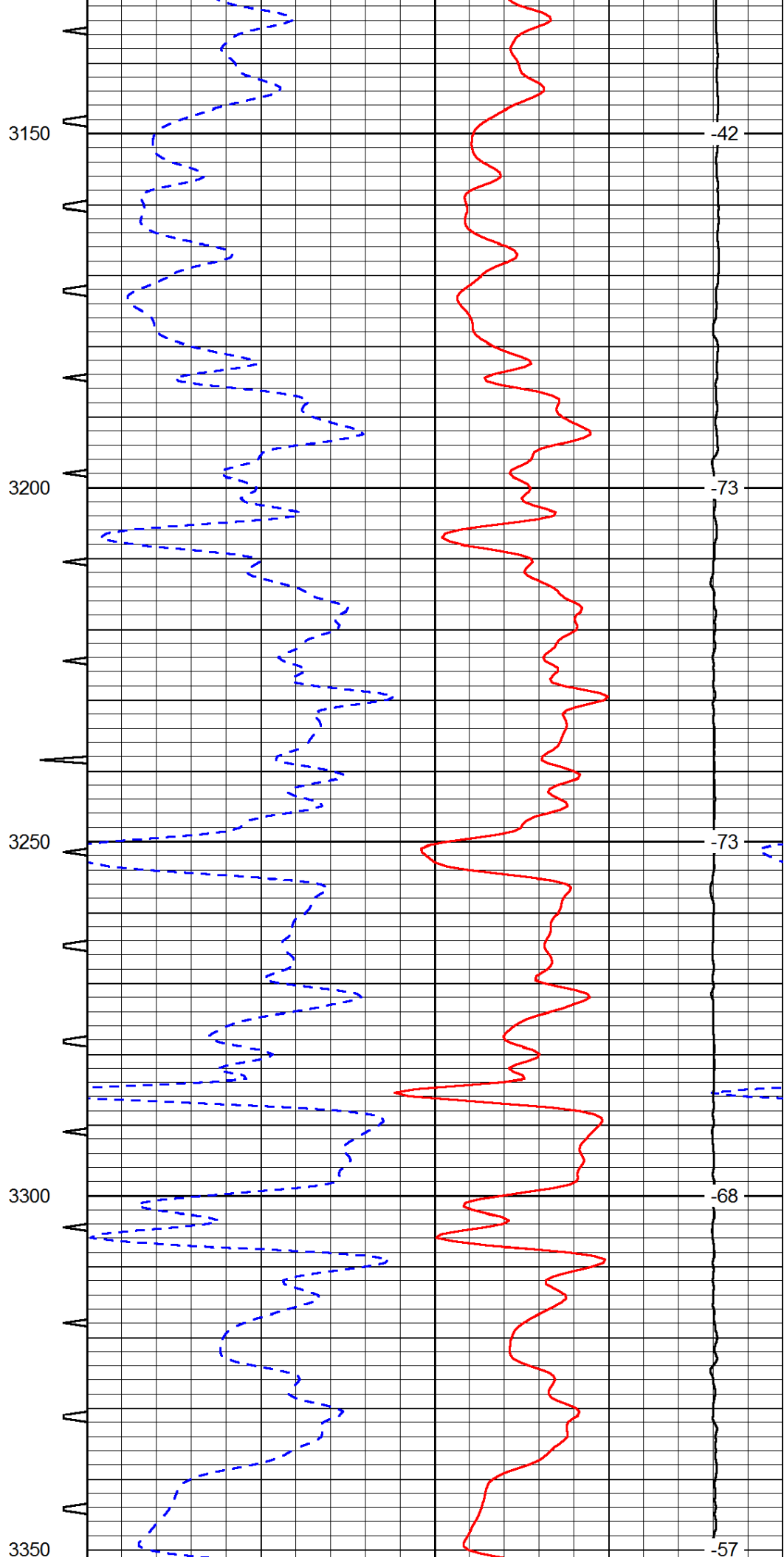
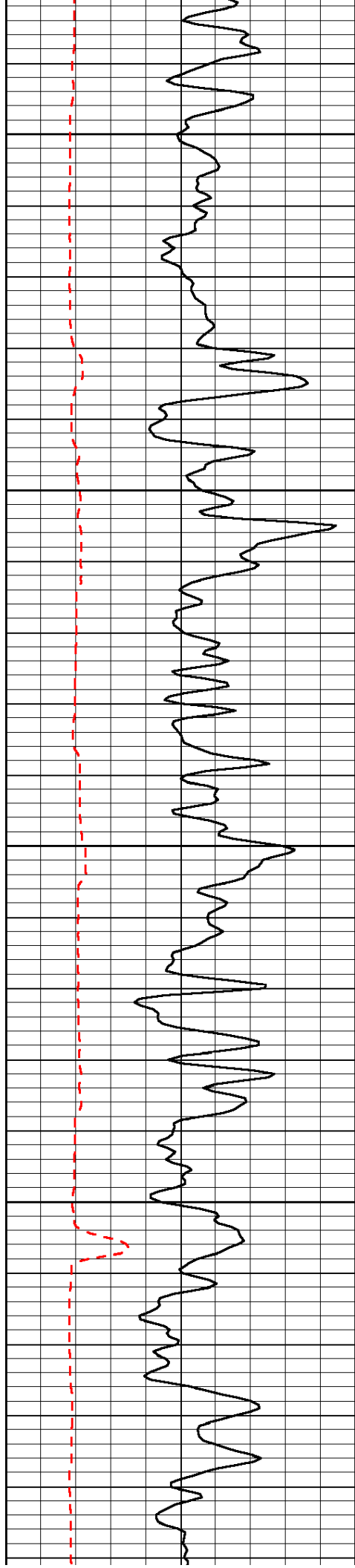


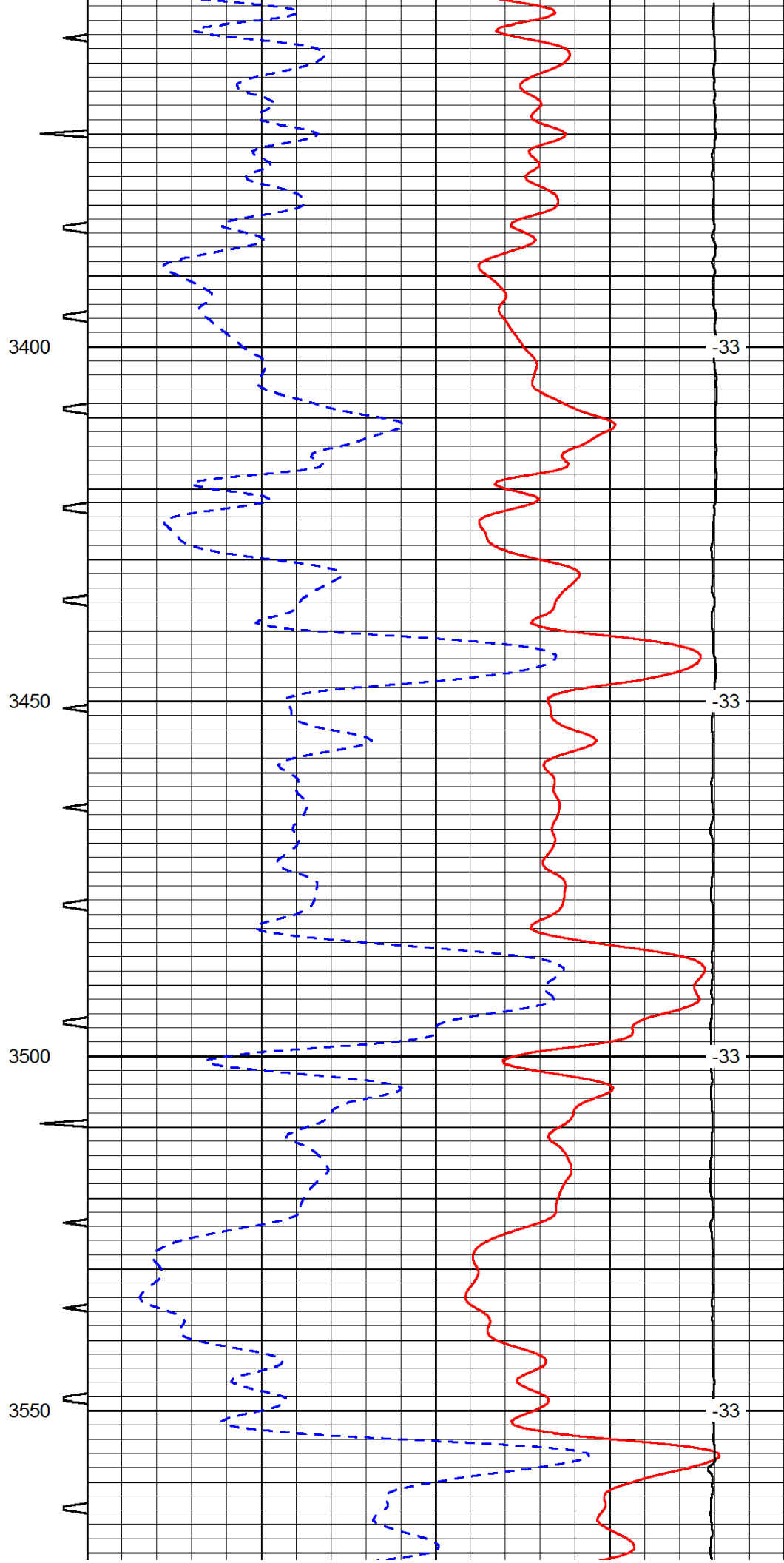
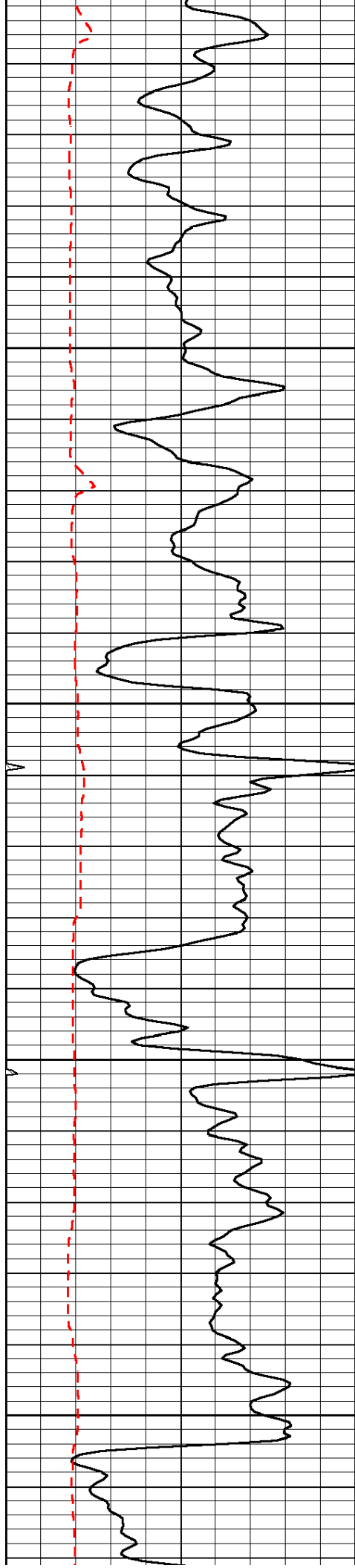


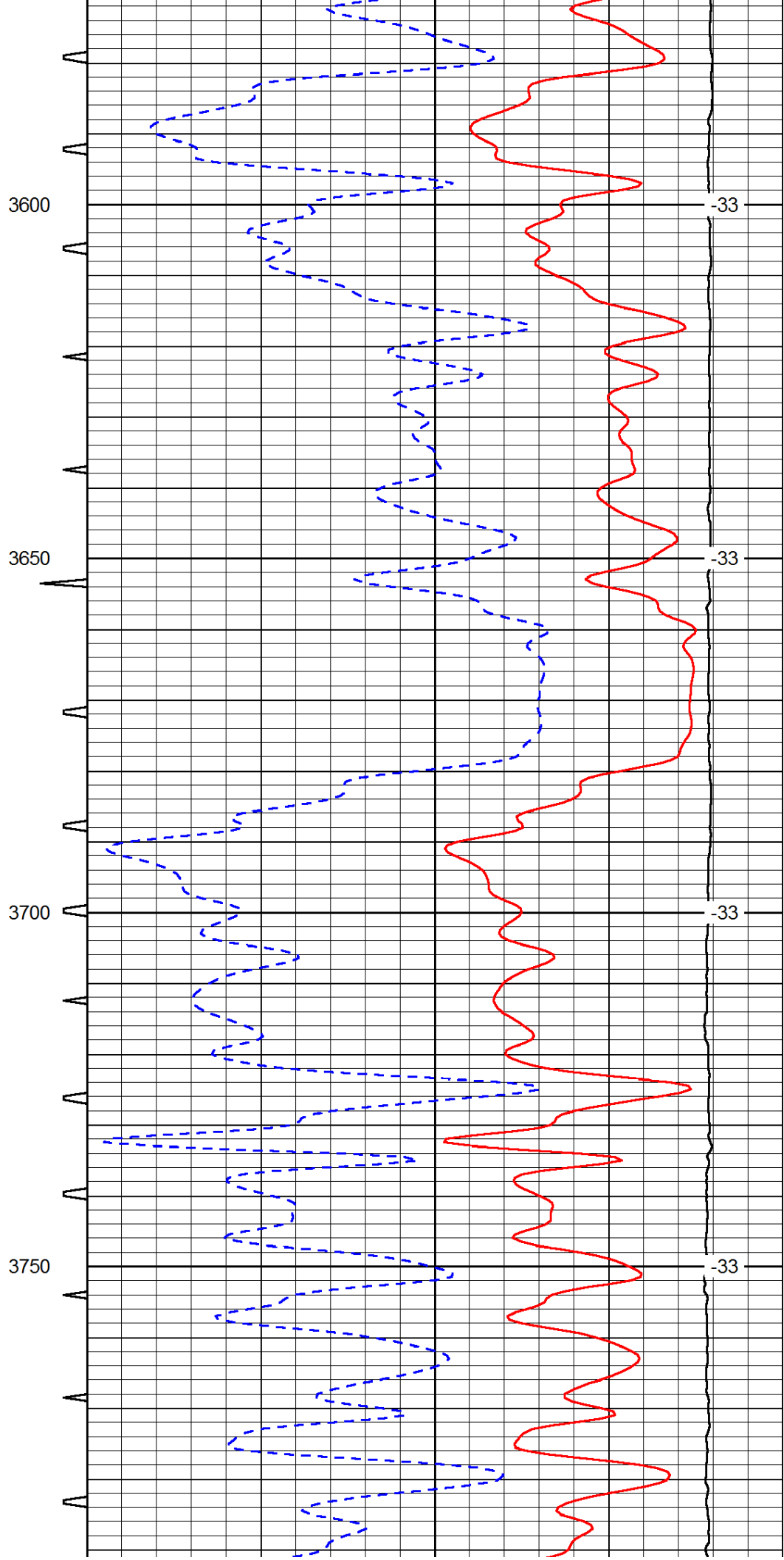
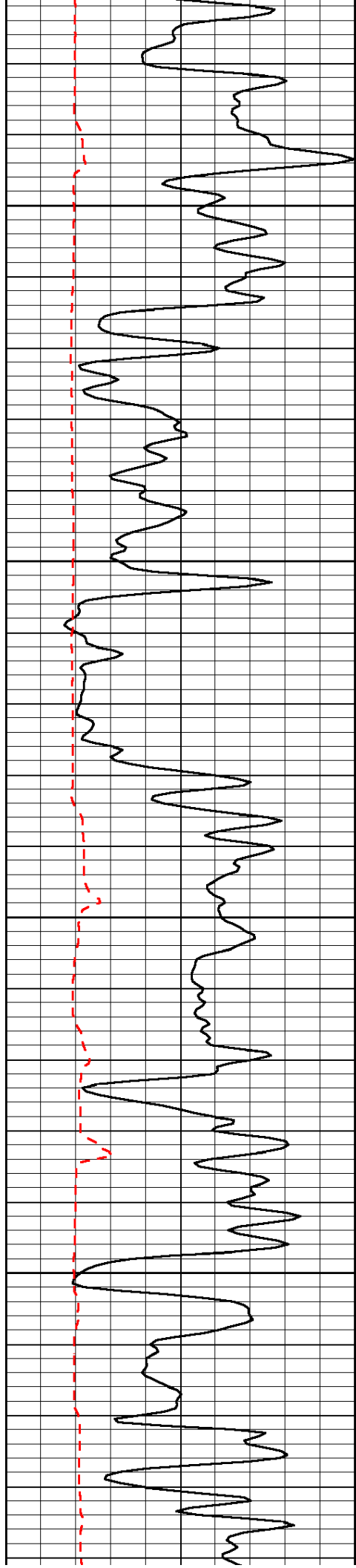


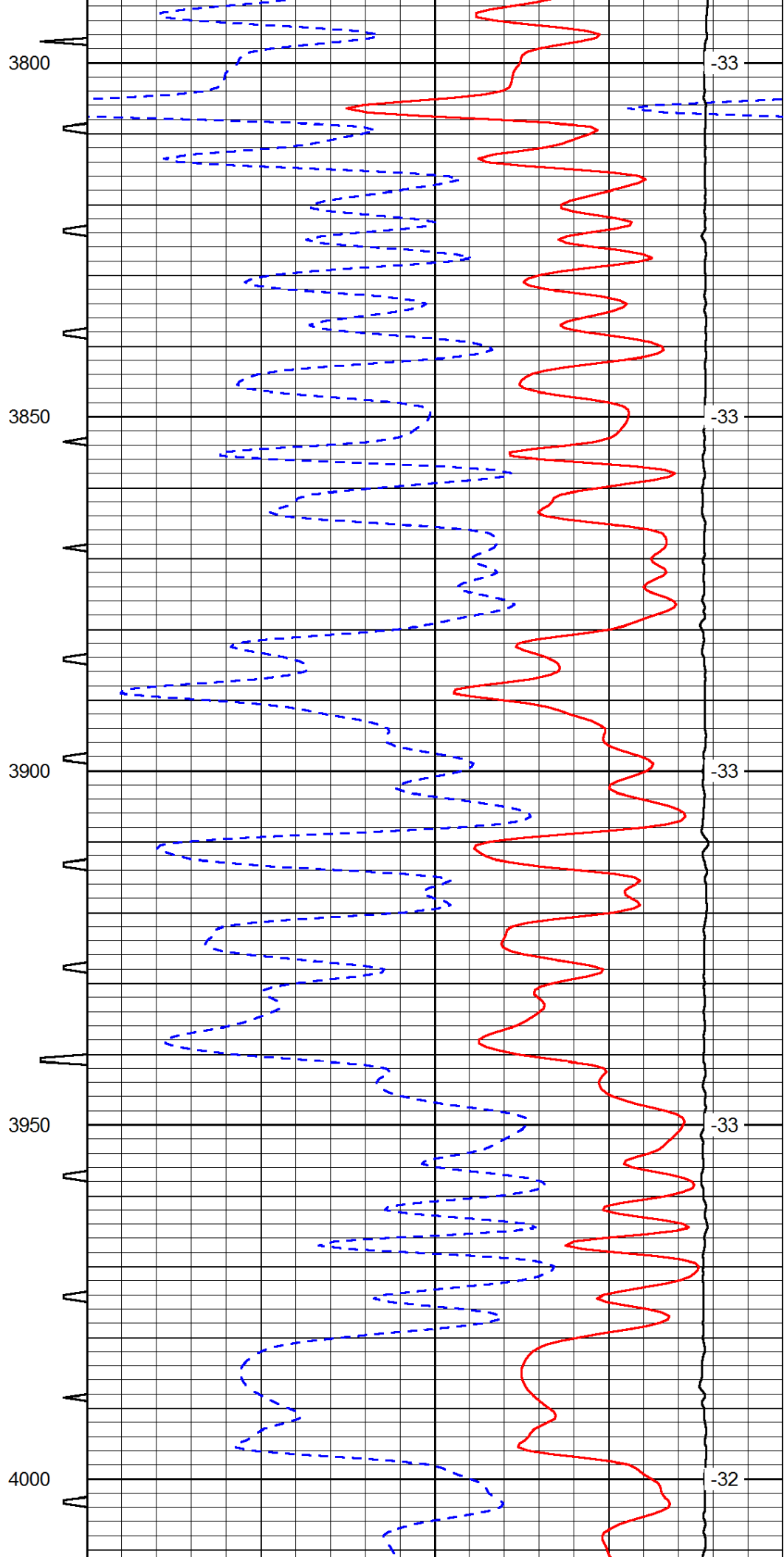
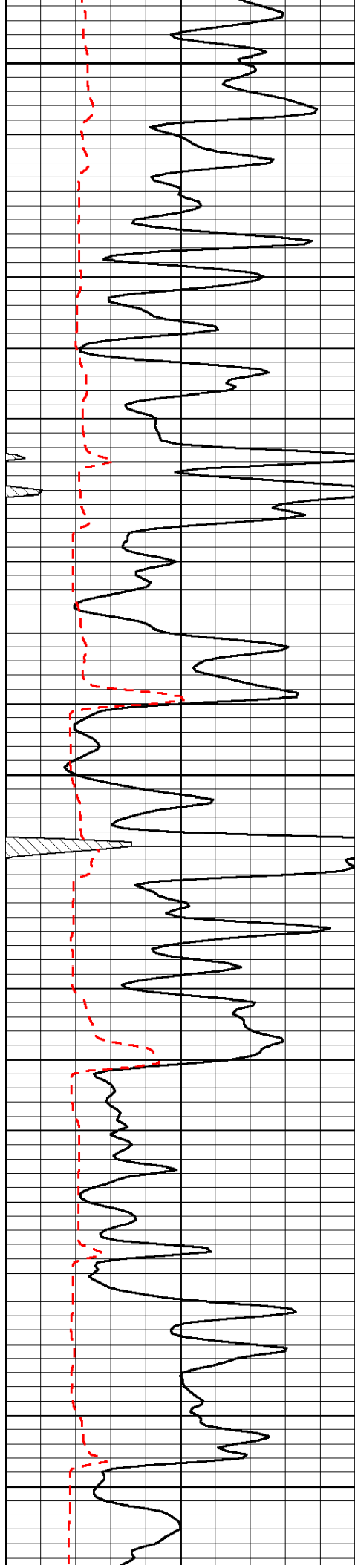


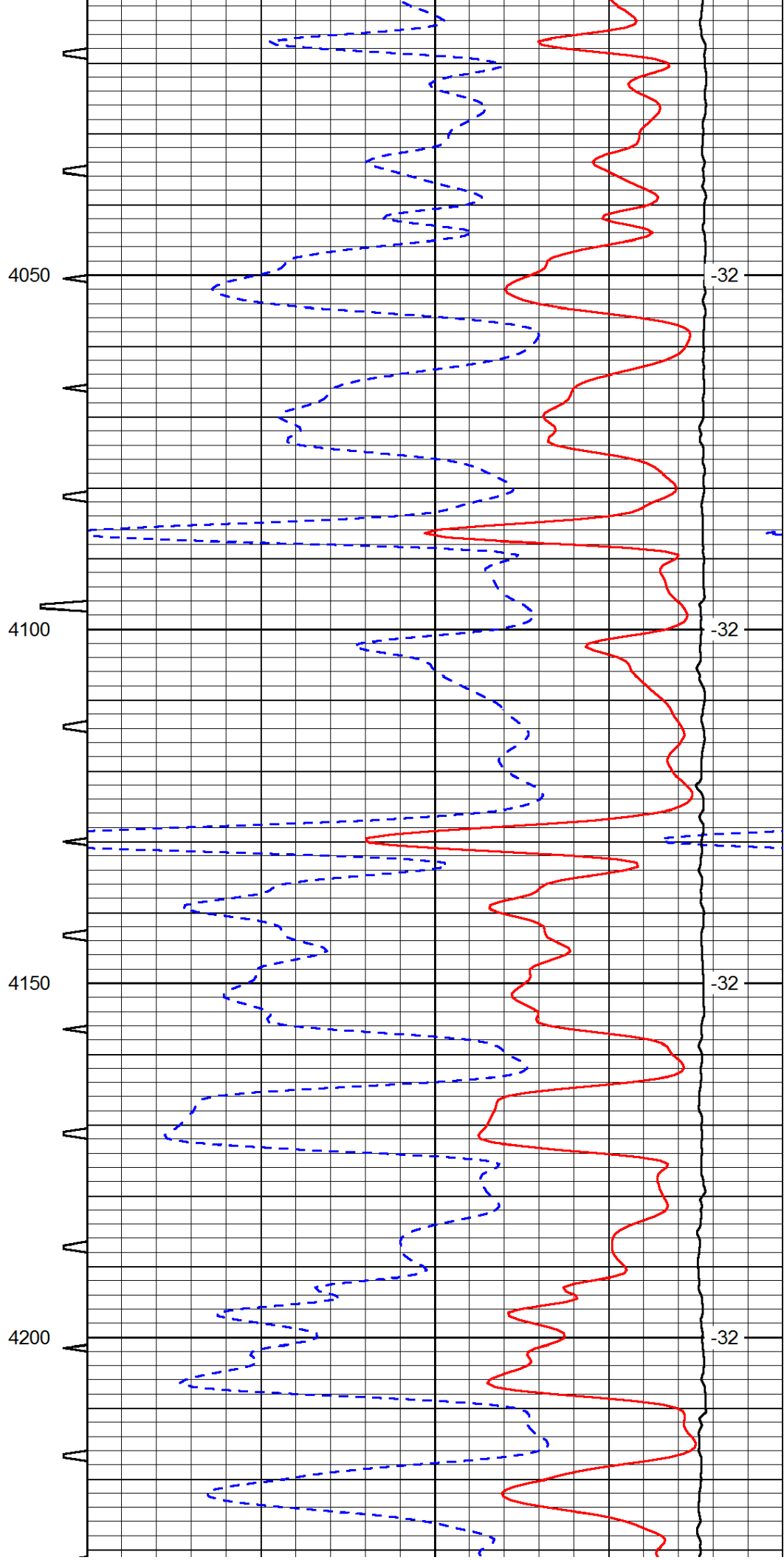
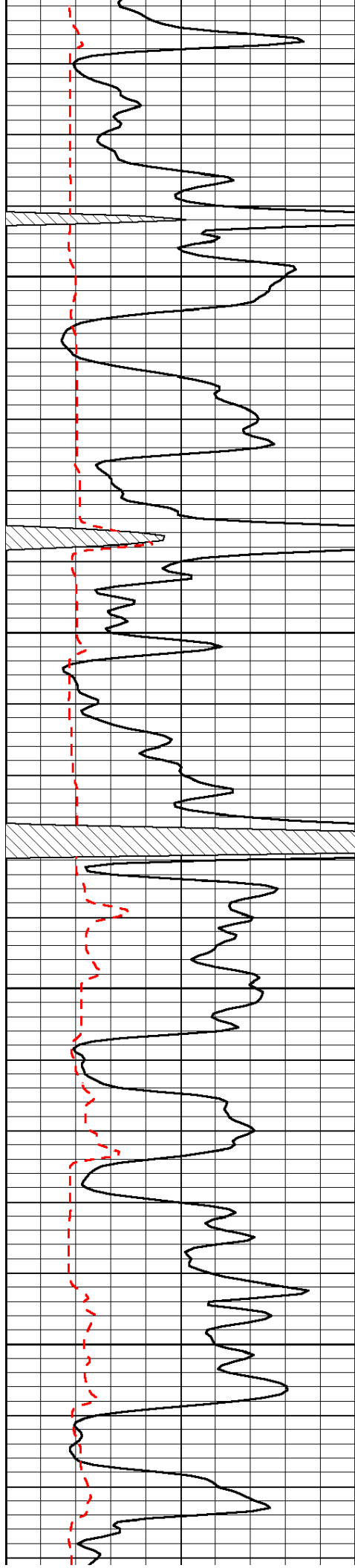


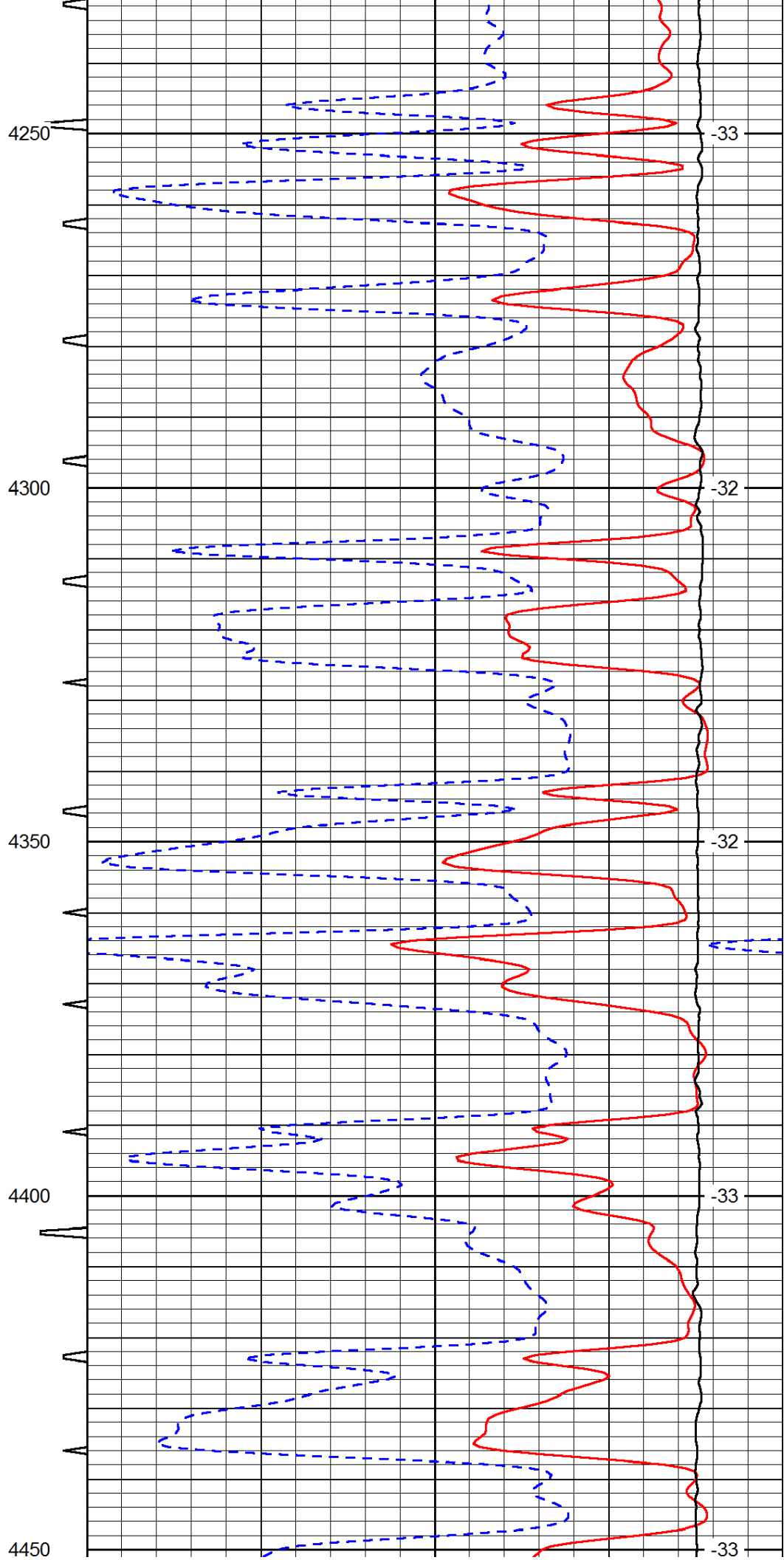
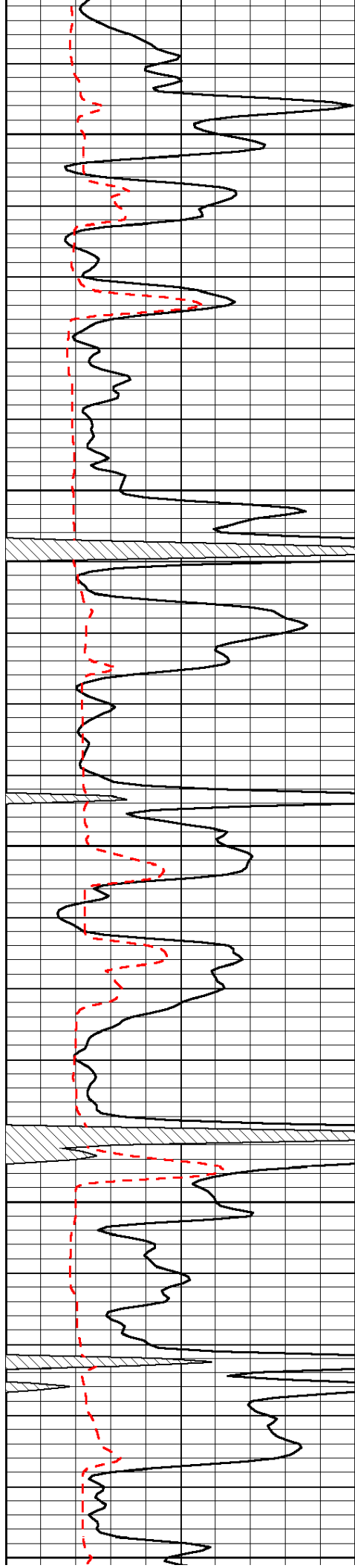


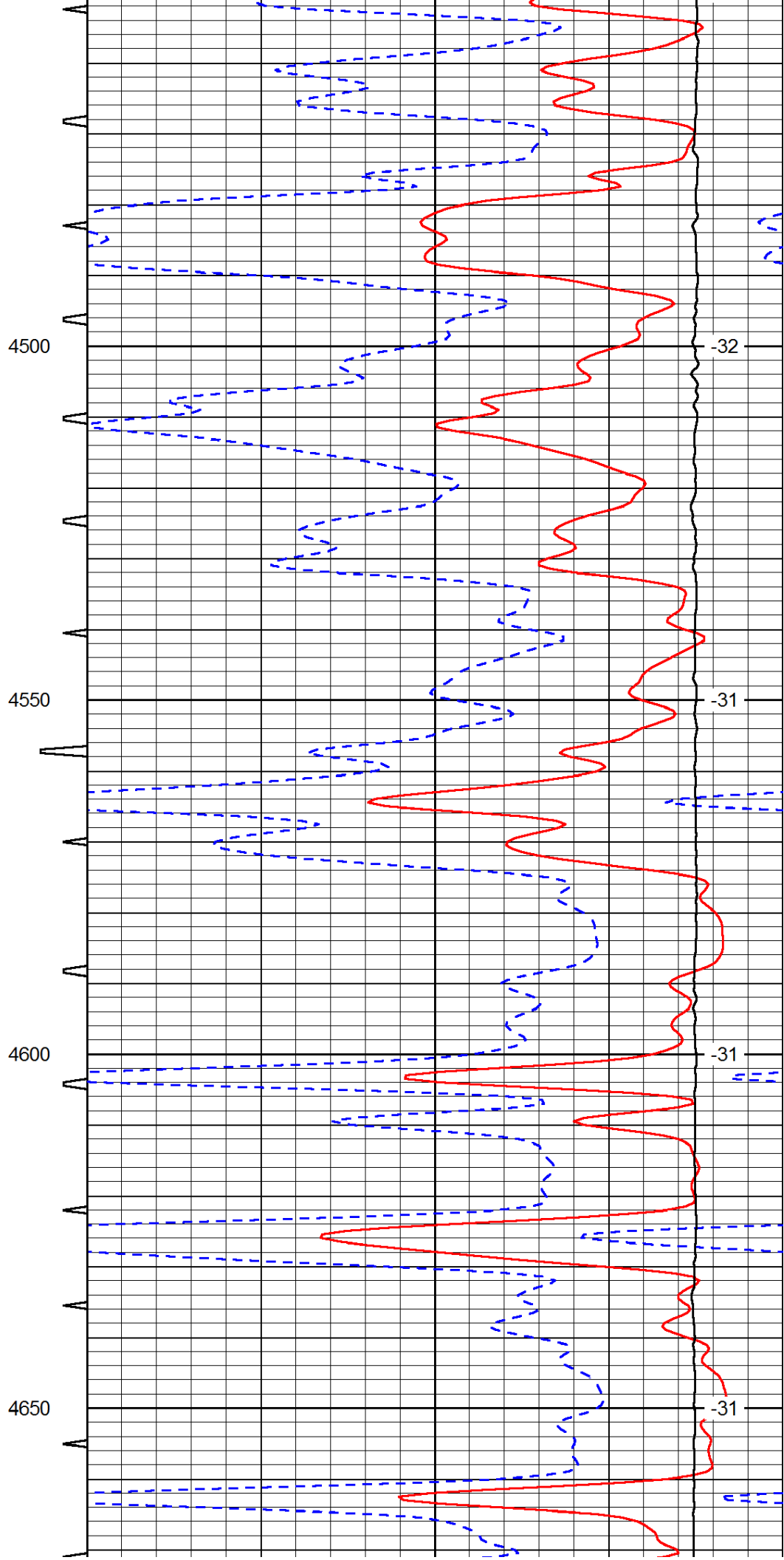
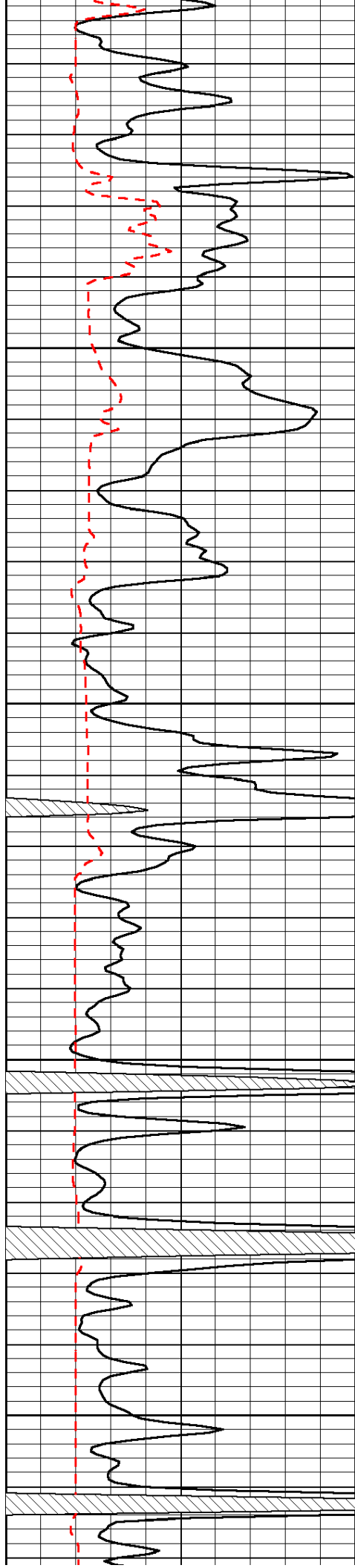


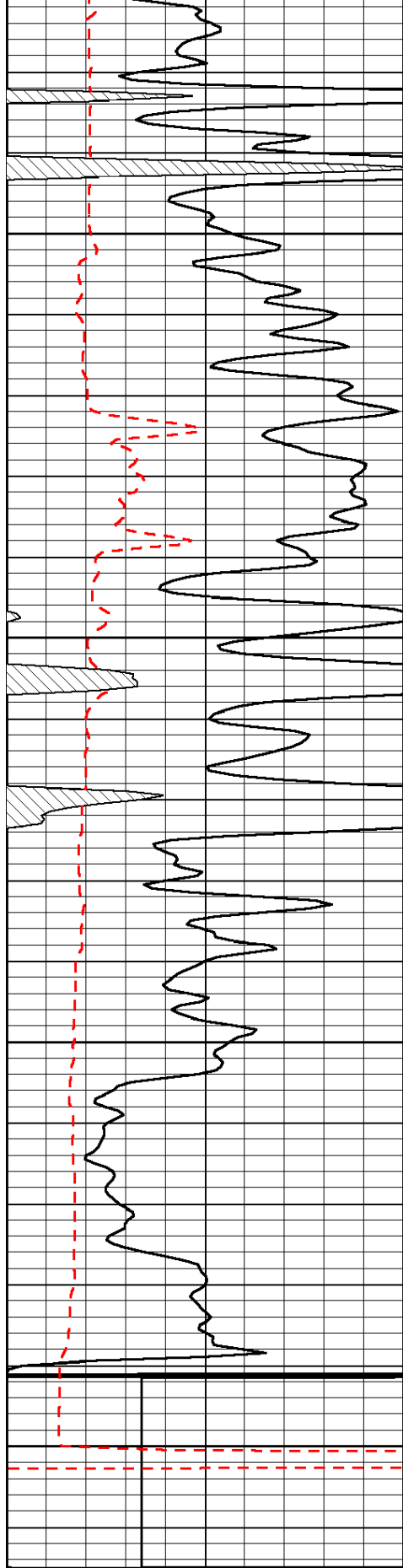




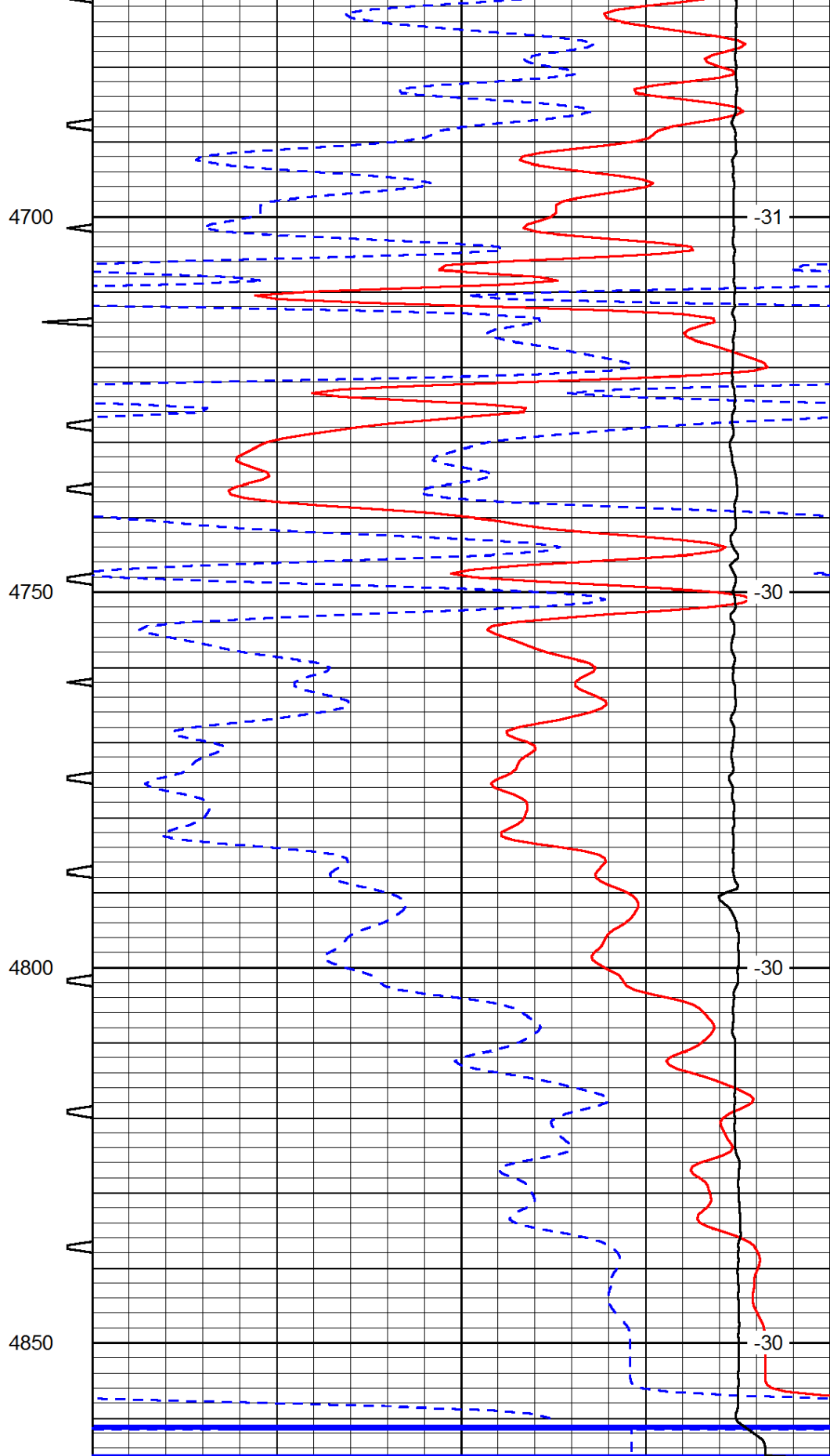








0	Gamma Ray	150
150	Gamma Ray	300
6	Caliper (GAPI)	16



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

LSPD