



Borehole Compensated Sonic Log

DIGITAL LOG (785) 625-3858

API No.

15-135-24,851-00-00

Company Pickrell Drilling Company, Inc.

Well Norton " J " No. 4

Field Lazy 17
County Ness State Kansas

Location 1400' FNL & 2300' FEL

Sec: 19 Twp: 17S Rge: 25W

Other Services
RAG

Permanent Datum Ground Level Elevation 2484

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

K.B. 2489
D.F.
G.L. 2484

Date 01/14/2009

Run Number Two

Type Log BHC Sonic

Depth Driller 4435

Depth Logger 4440

Bottom Logged Interval 4429

Top Logged Interval 250

Type Fluid In Hole Chemical

Salinity, PPM CL 4,800

Density 9.1

Level Full

Max. Rec. Temp. F 122

Operating Rig Time 4 Hours

Equipment -- Location 10 Hays

Recorded By Jason Wellbrock

Witnessed By Max Lovely

Borehole Record

Casing Record

Run No Bit From To Size Wgt. From To

1 12.25 00 260 8.625 24# 00 260

2 7.875 260 4435

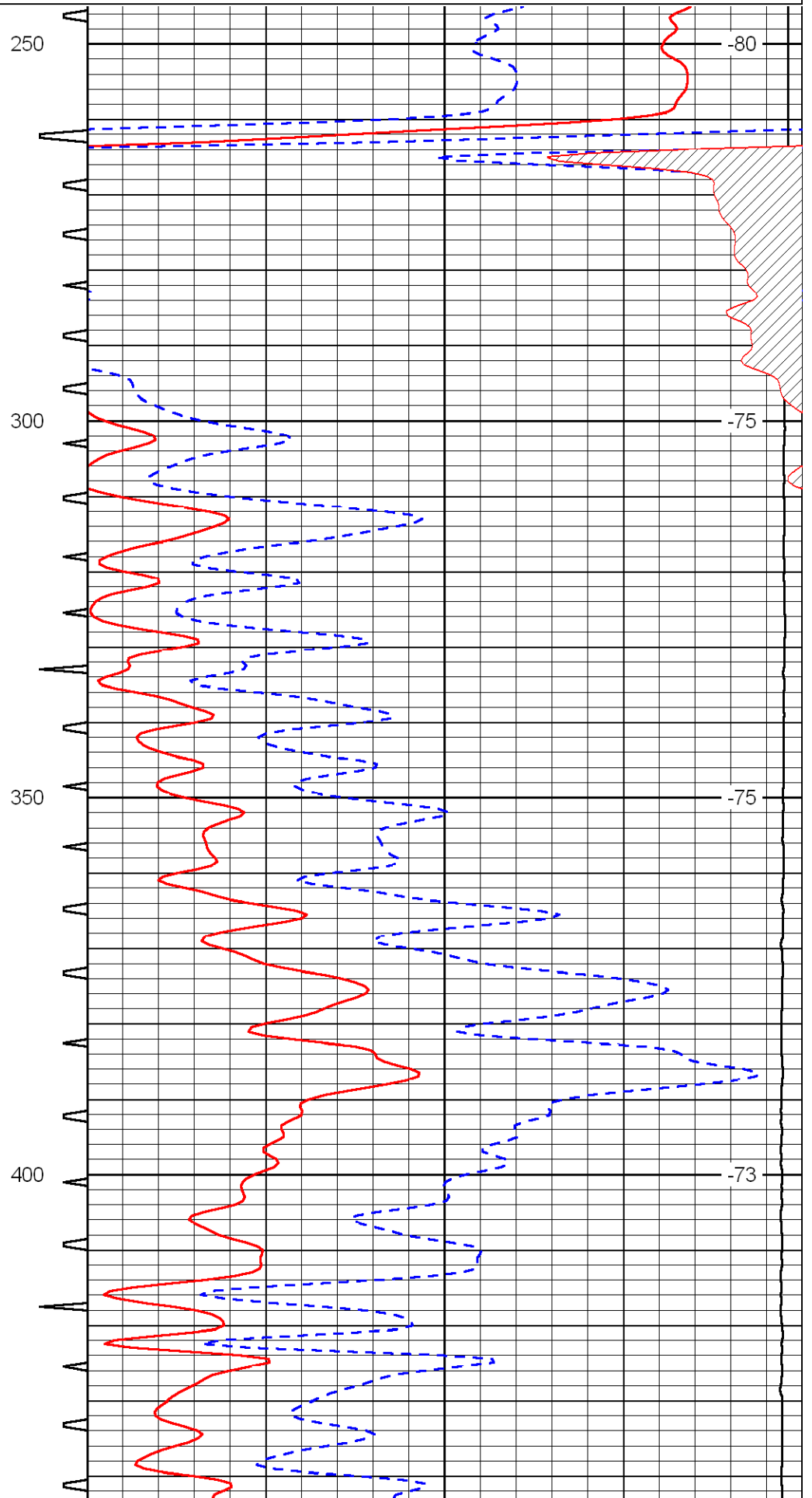
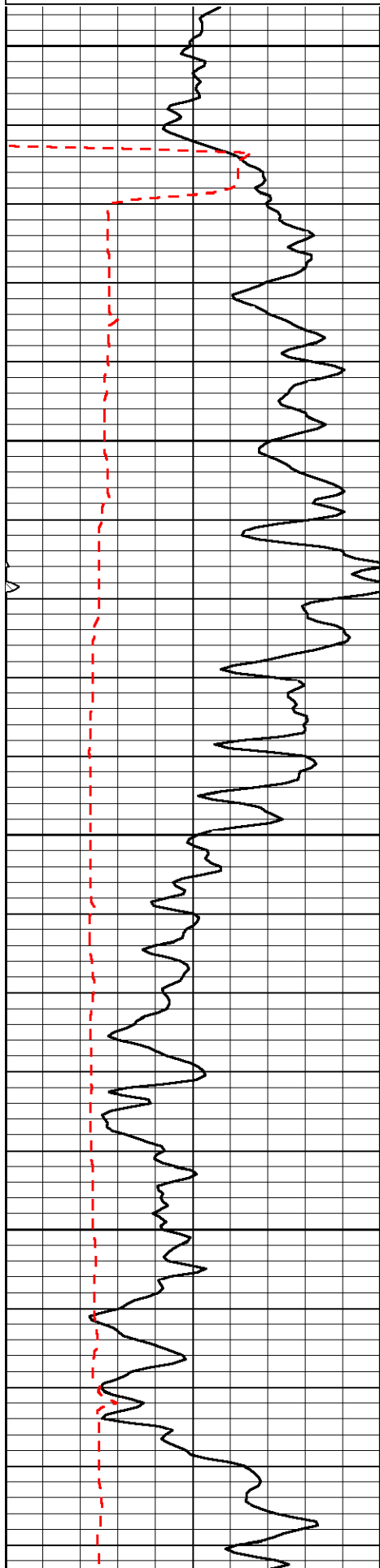
Comments

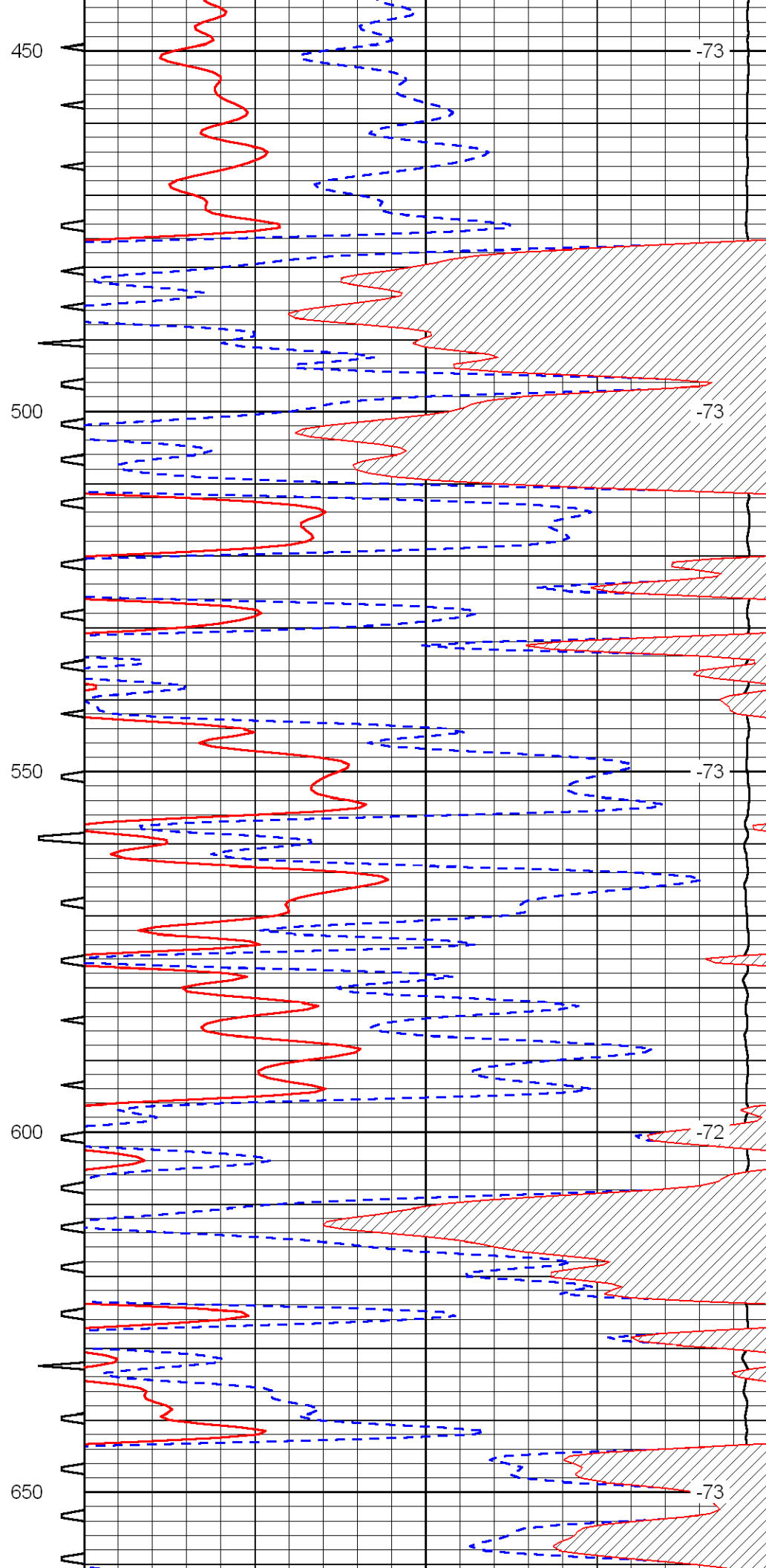
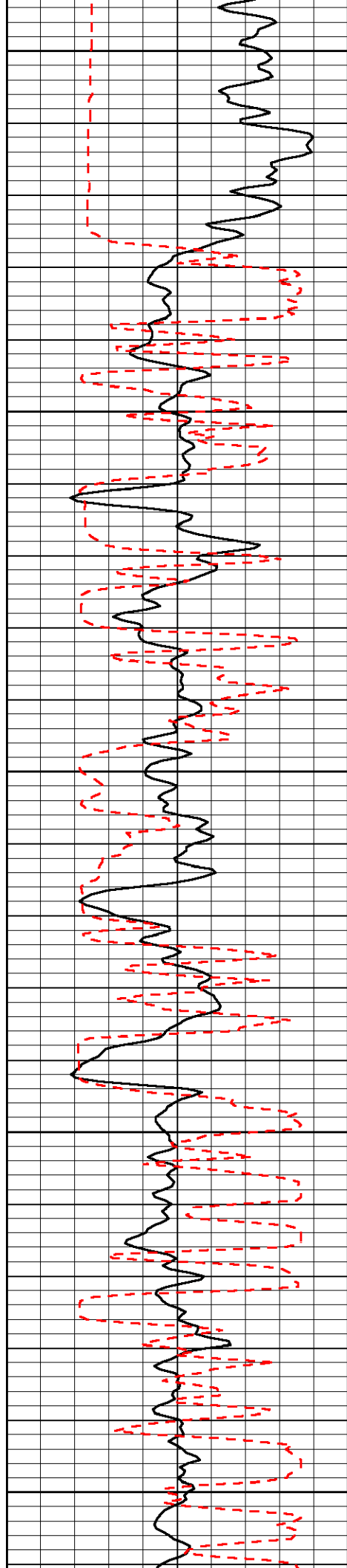
Thank you for using Log-Tech, Inc.
(785) 625-3858

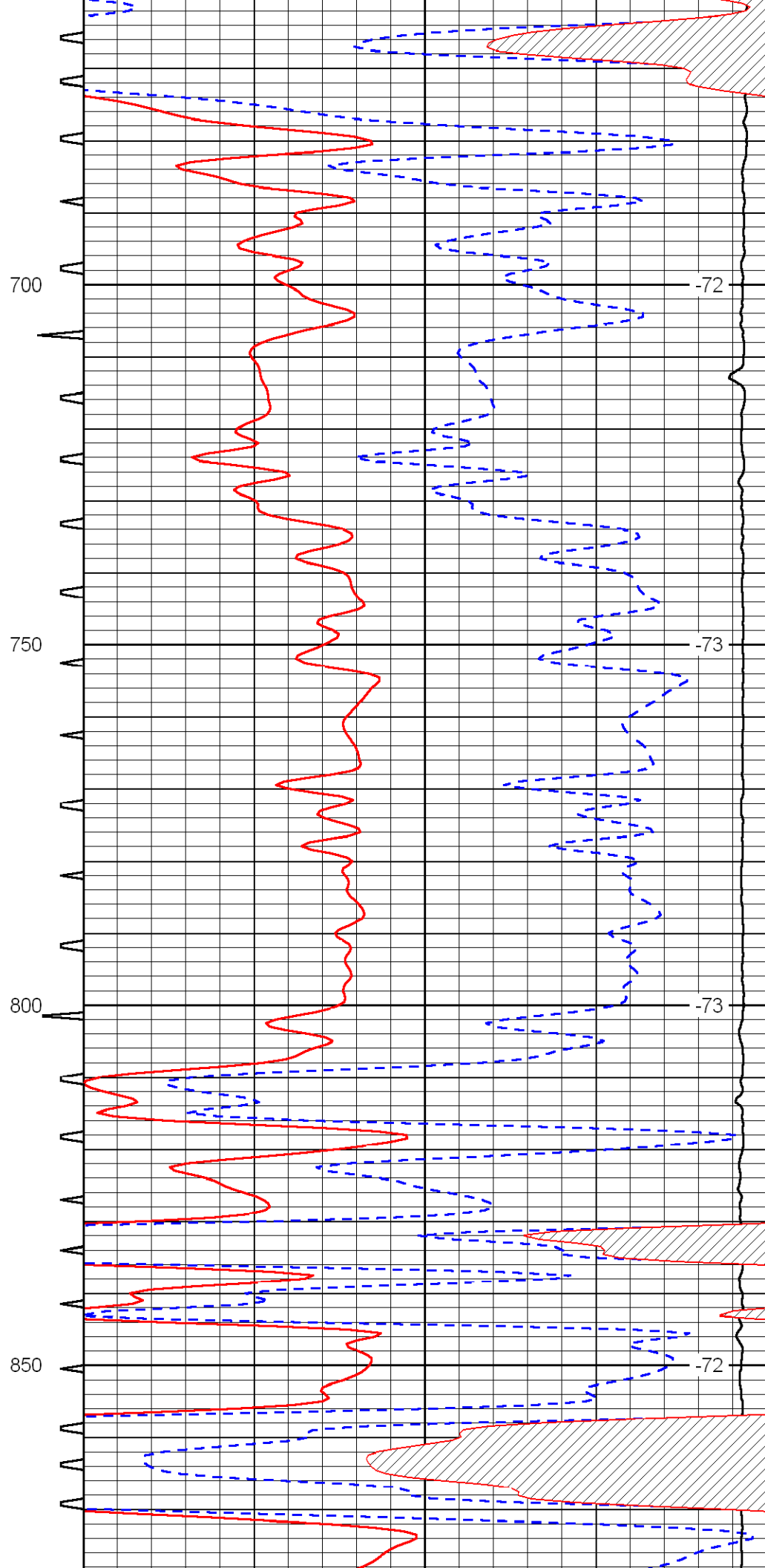
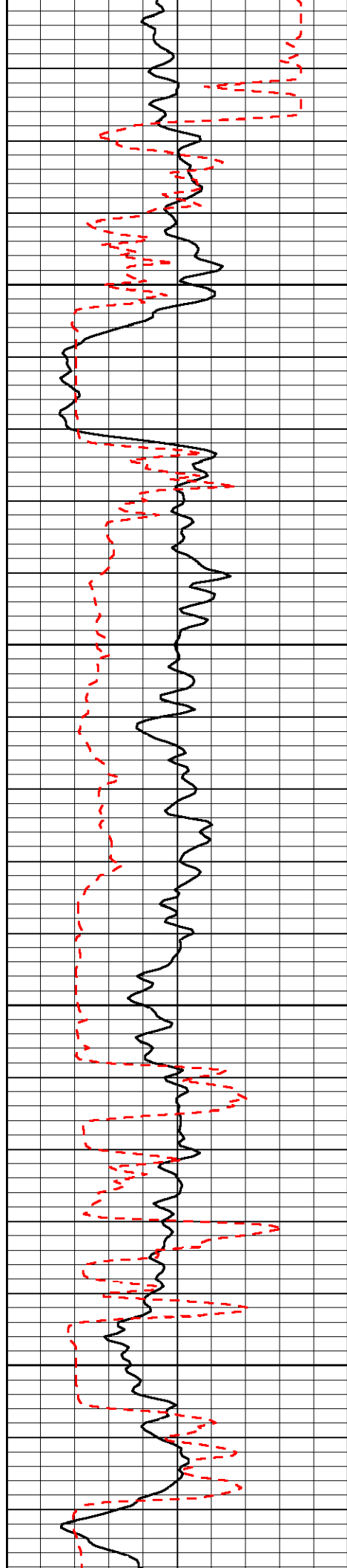
Arnold W 3, 6 S, 1 W, N Into down lease rd

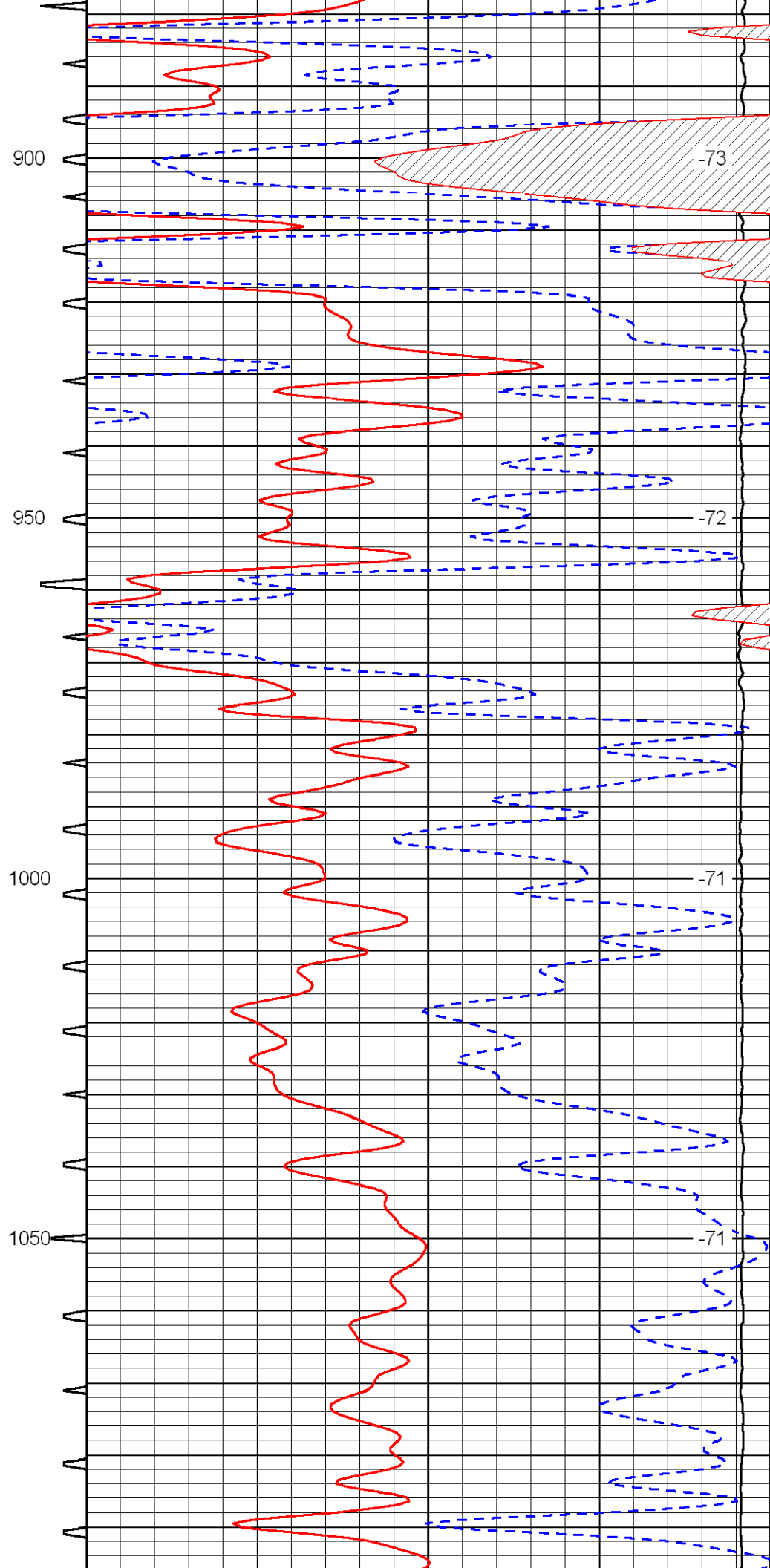
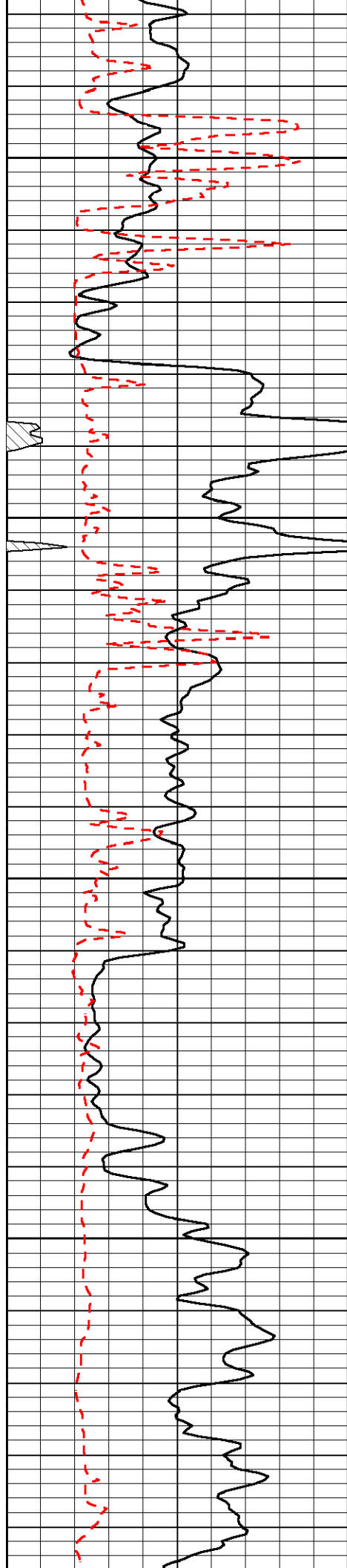
Database File: c:\warrior\data\pickrell_norton j no. 4\pickhd2.db
Dataset Pathname: rag/pick2in
Presentation Format: sonic
Dataset Creation: Wed Jan 14 12:45:33 2009
Charted by: Depth in Feet scaled 1:240

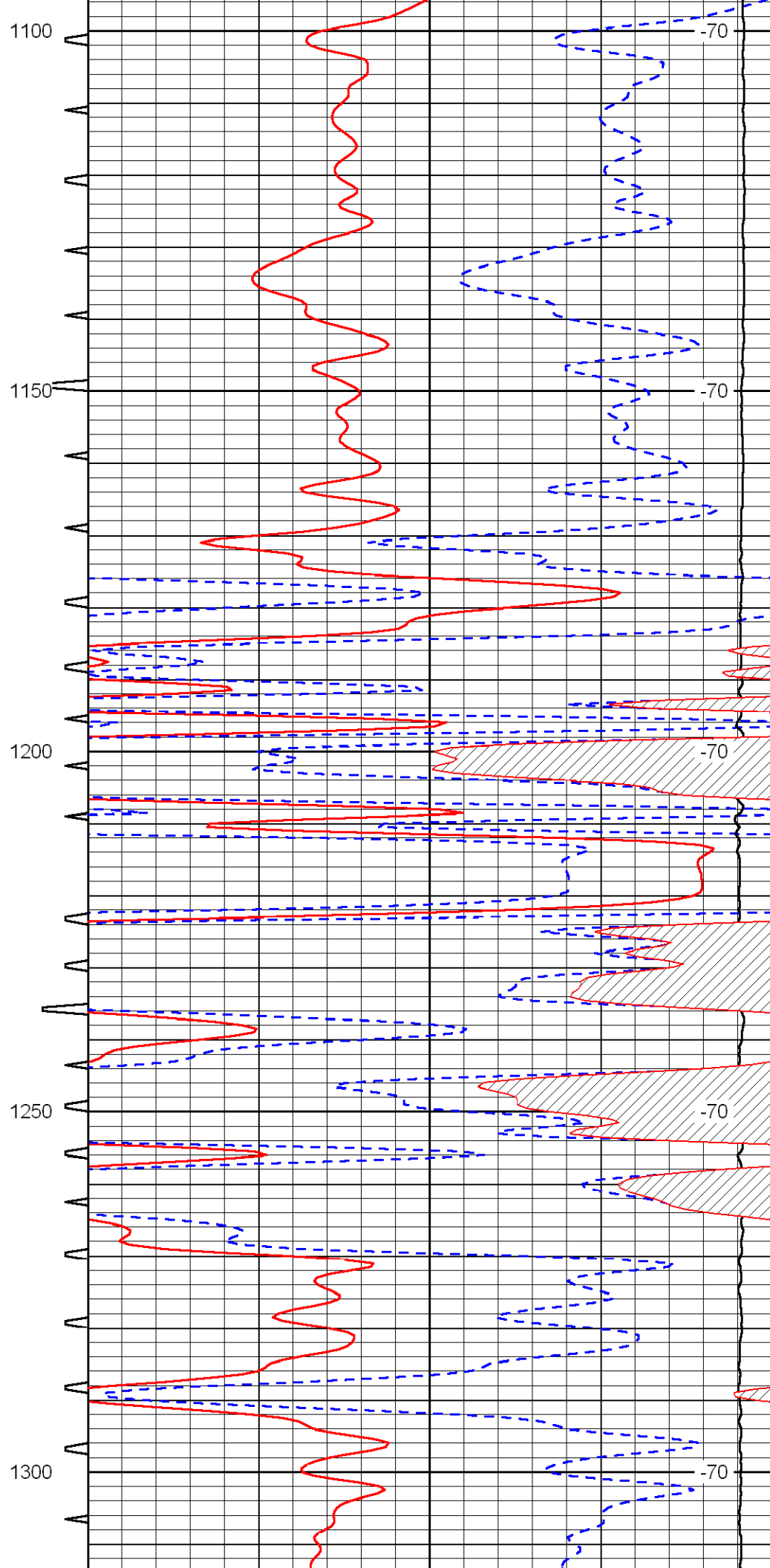
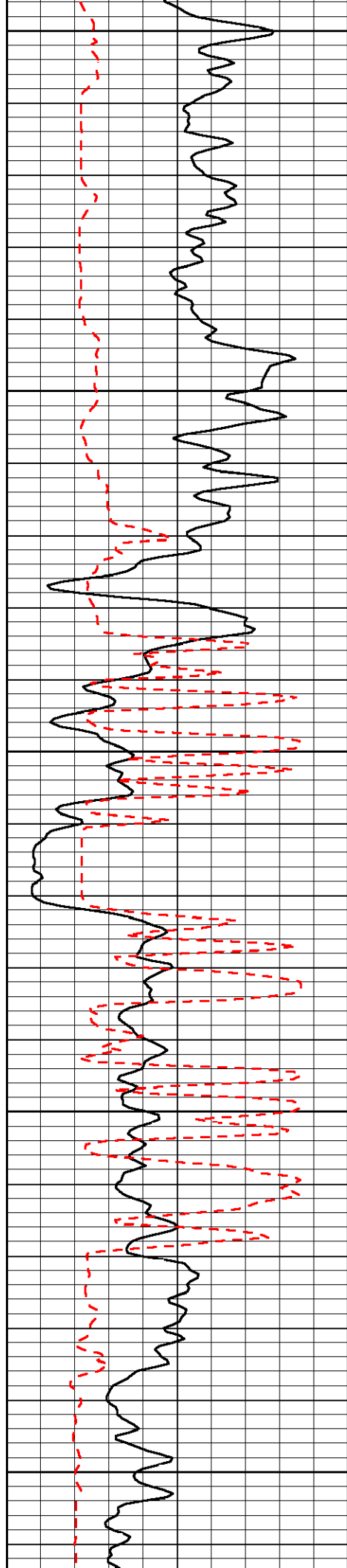
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150	Gamma Ray	300	5	0	SPOR	-10
6	Caliper (GAPI)	16		30	LTEN (lb)	0
						LSPD

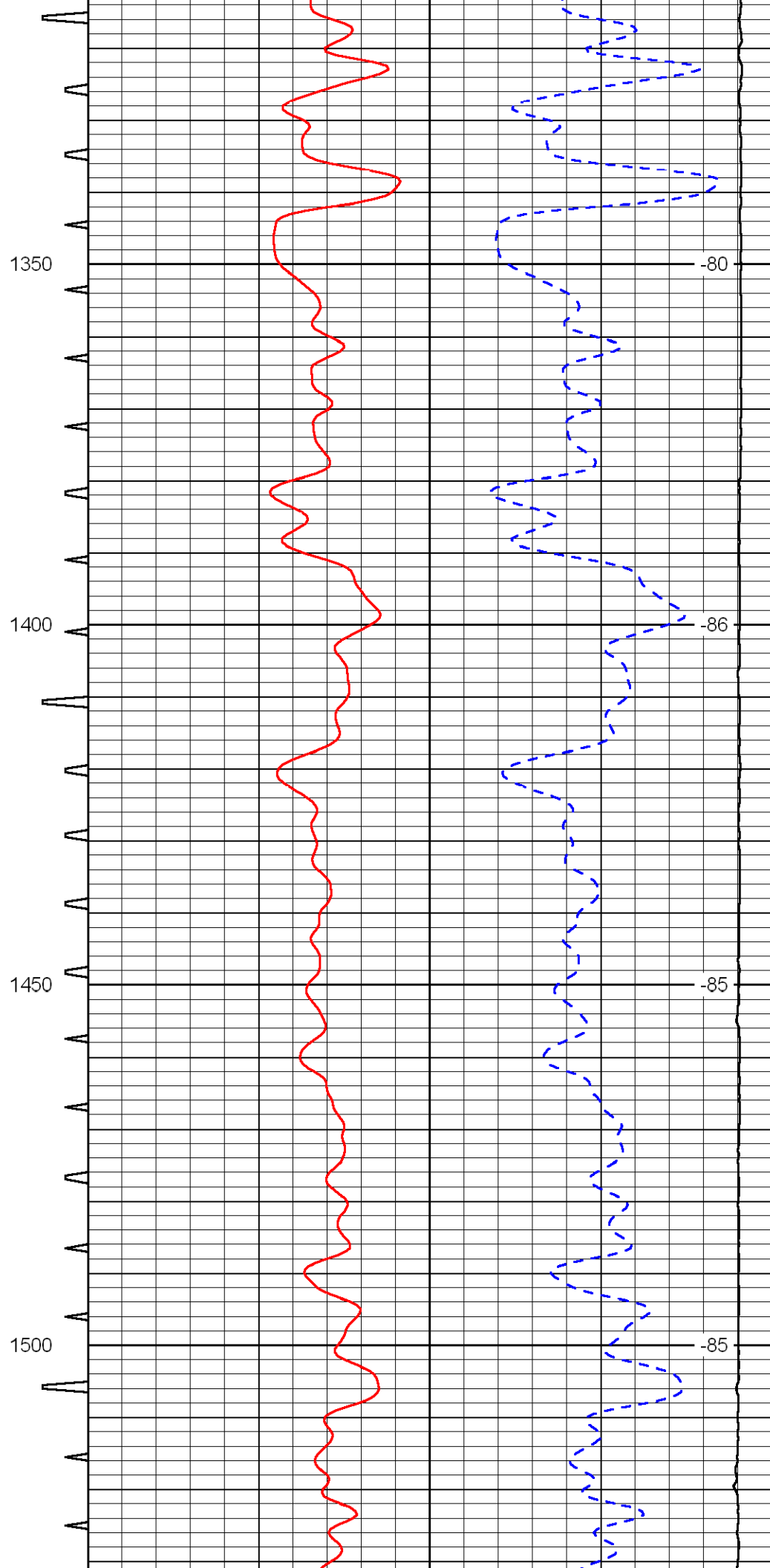
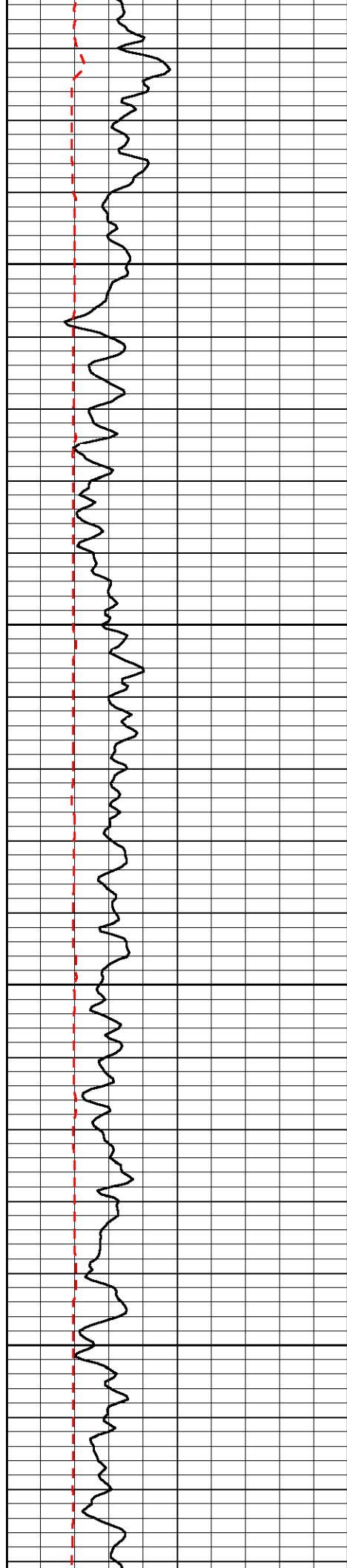


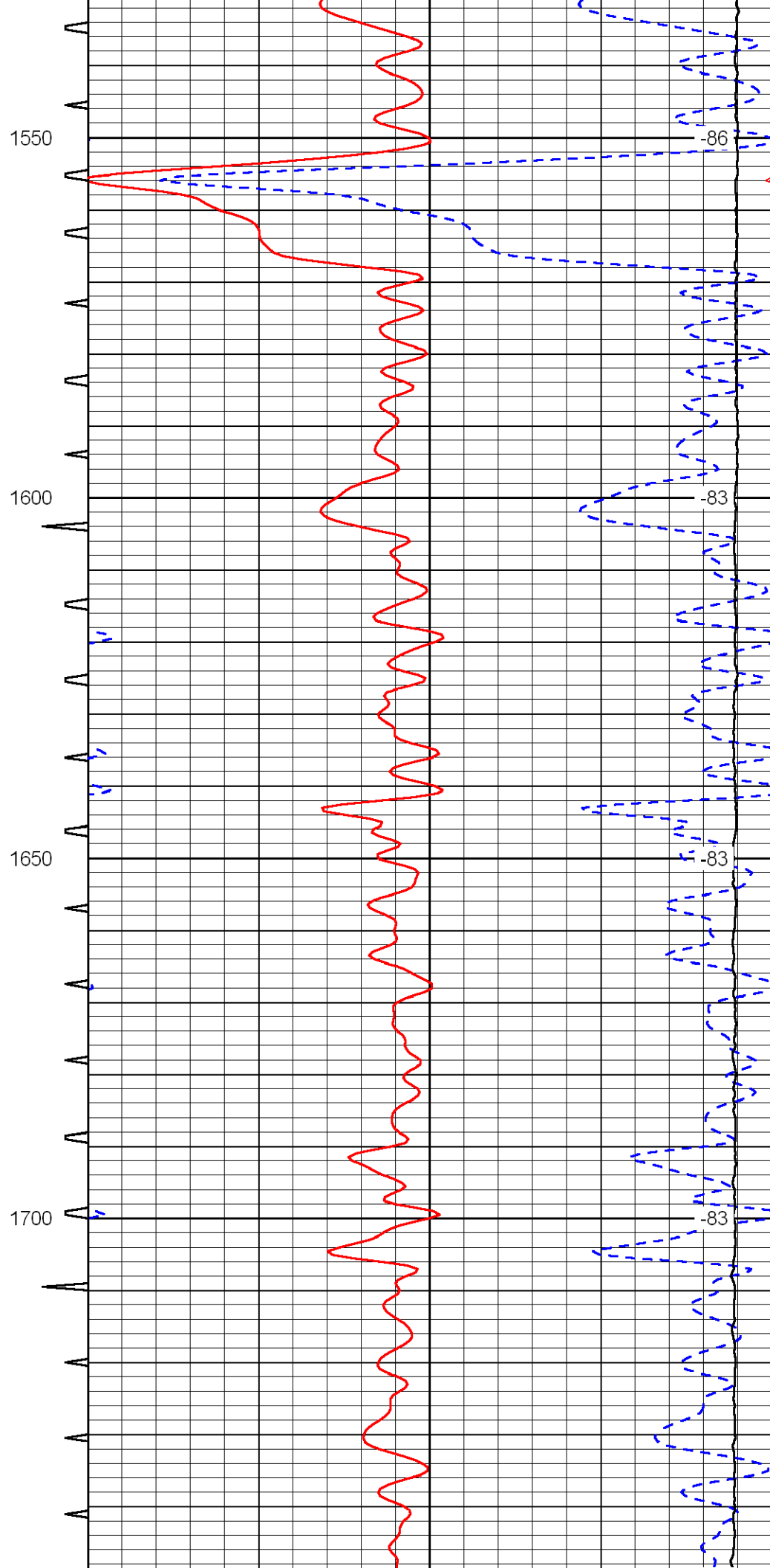
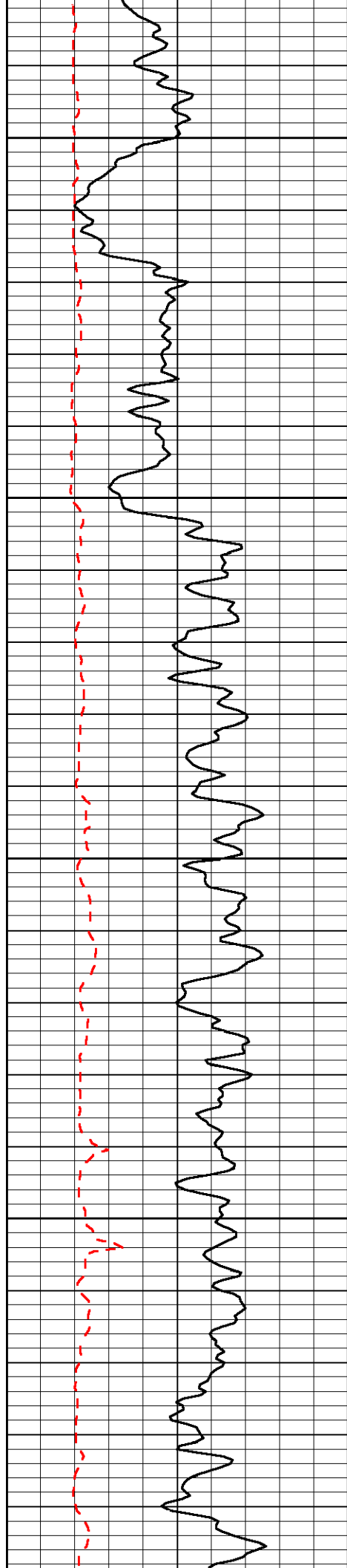


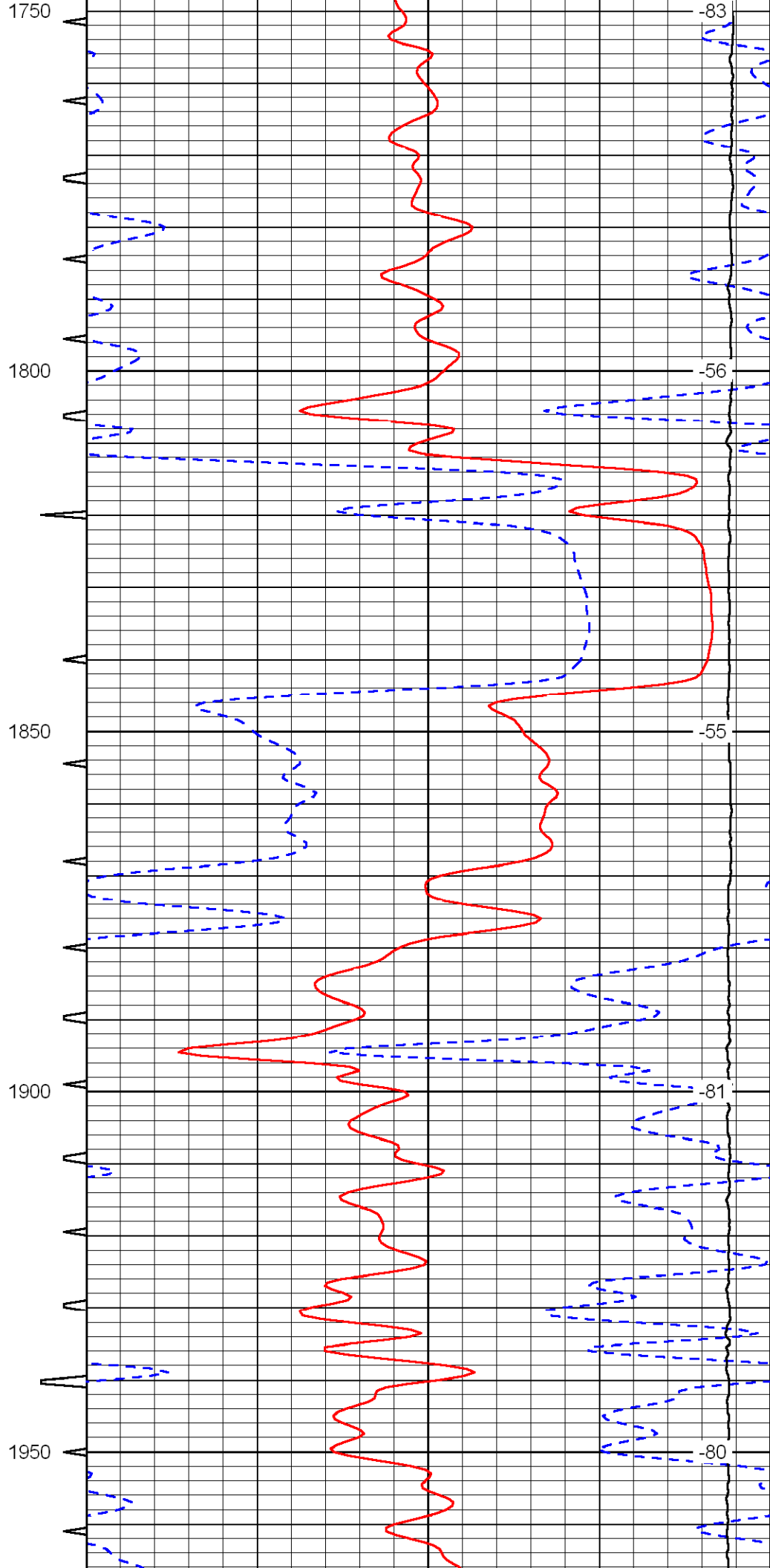
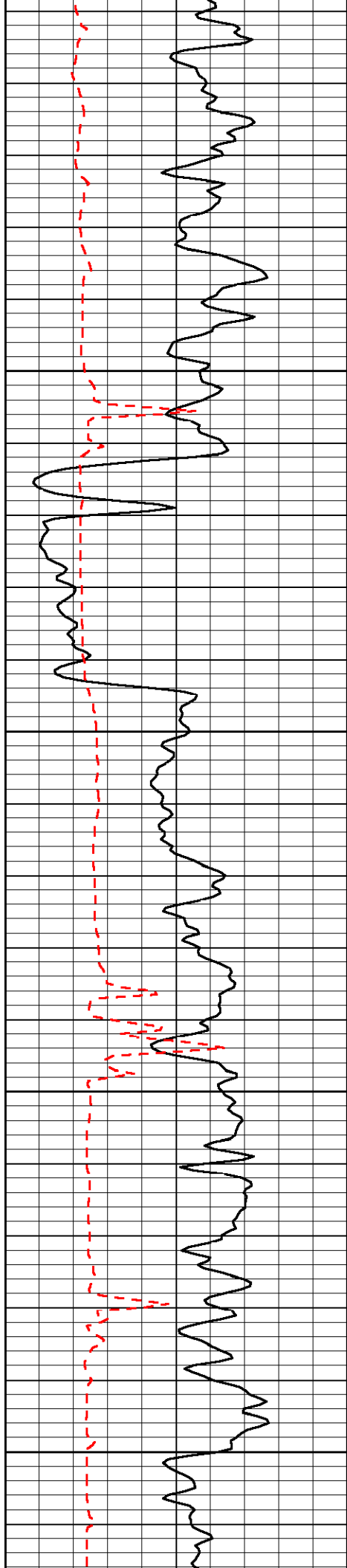


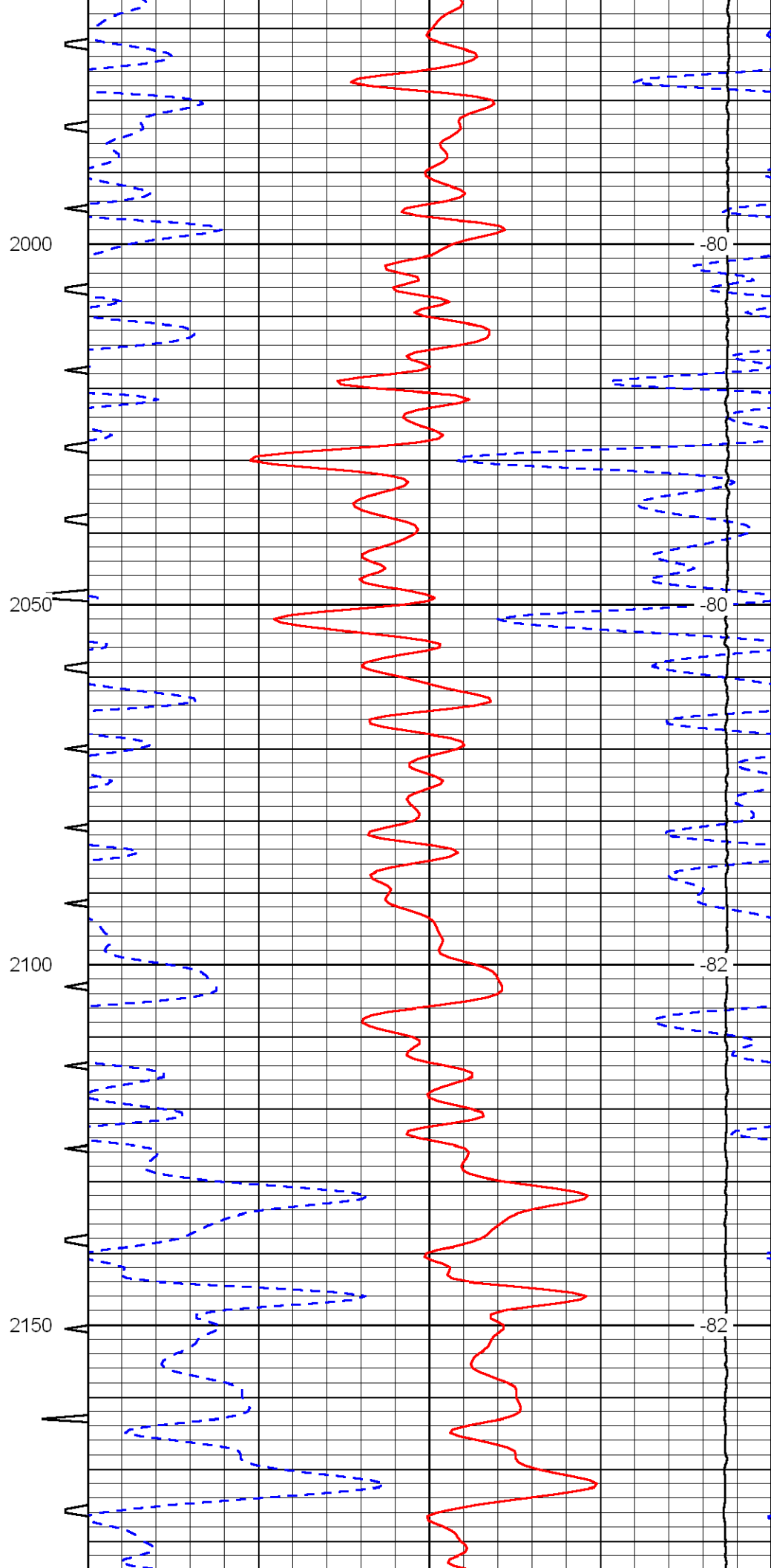
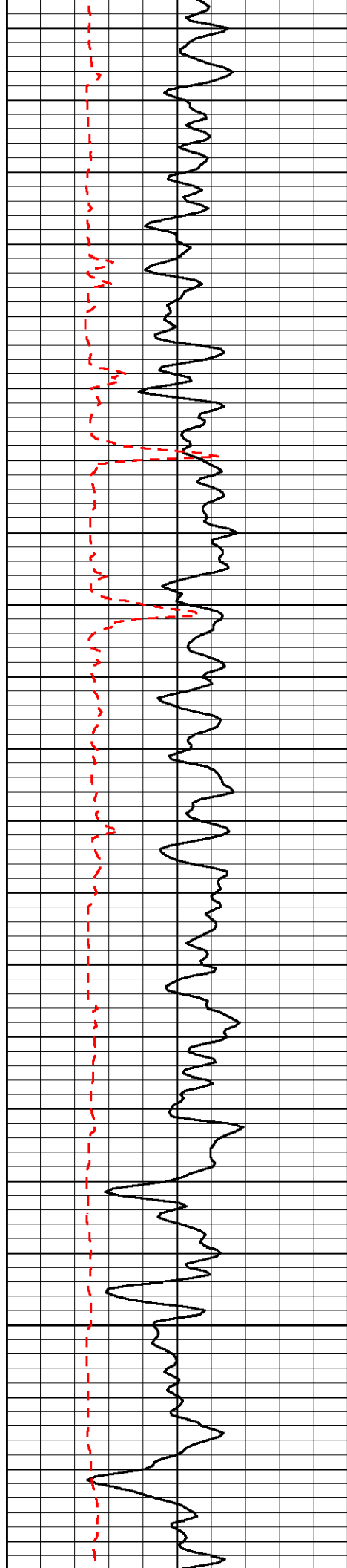


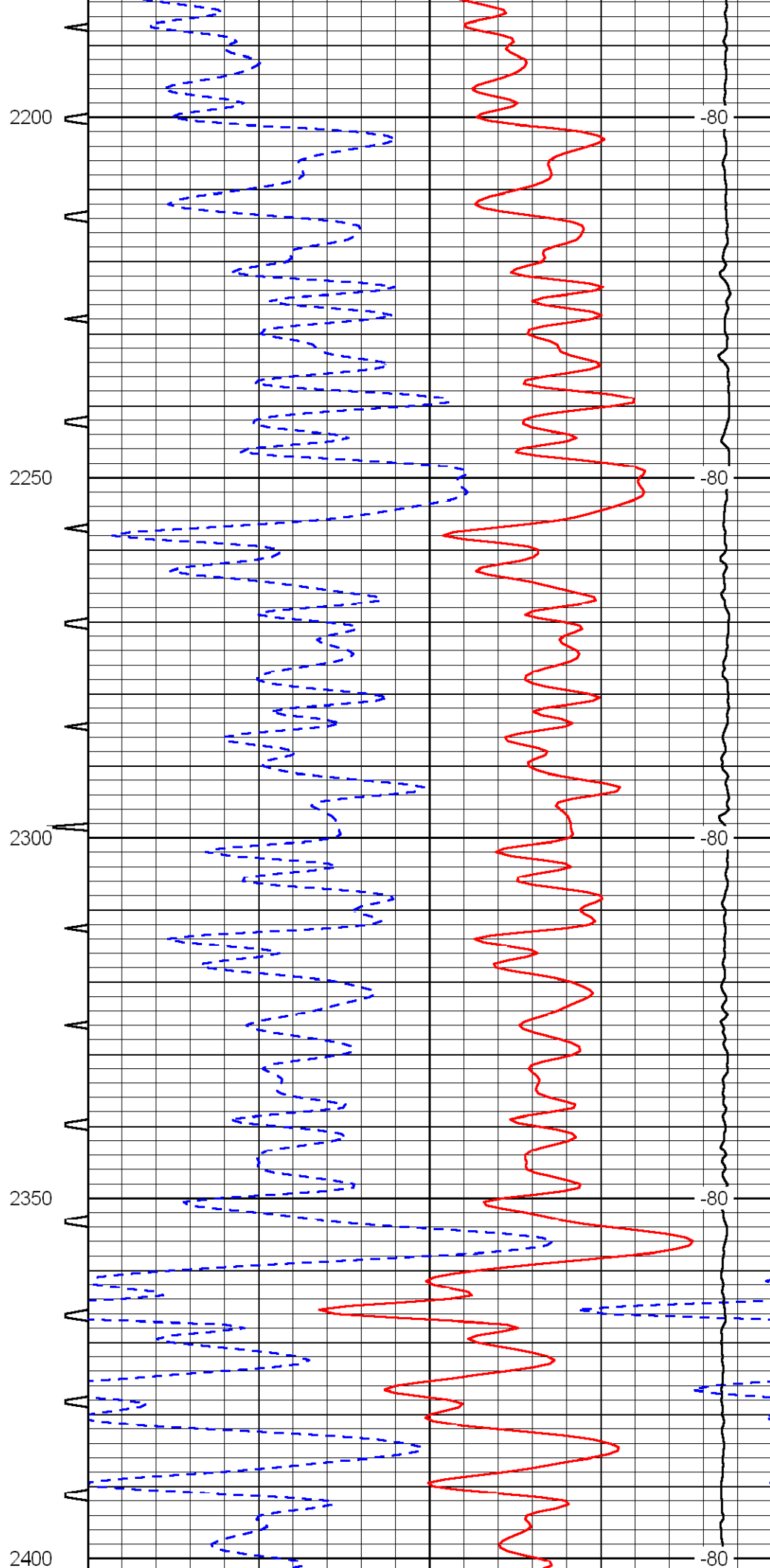
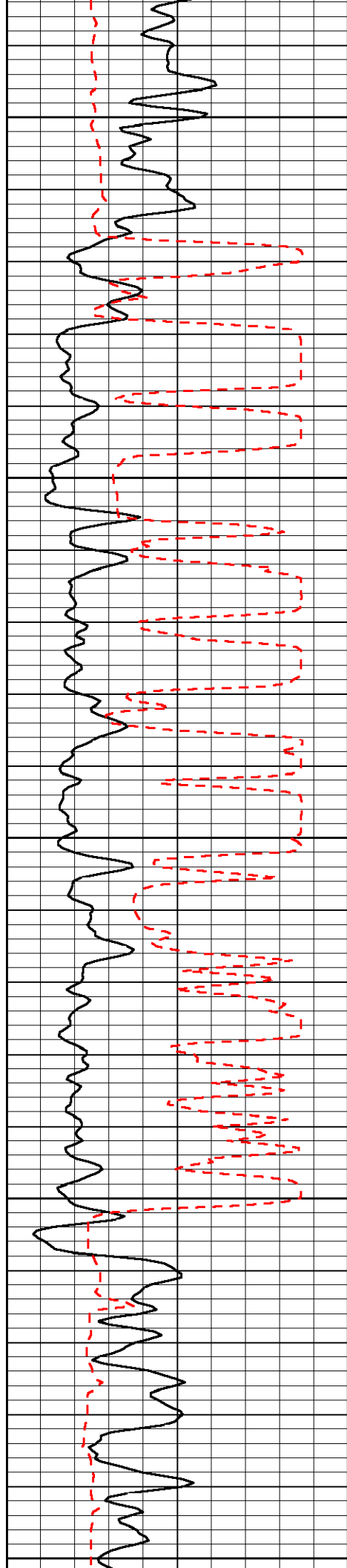


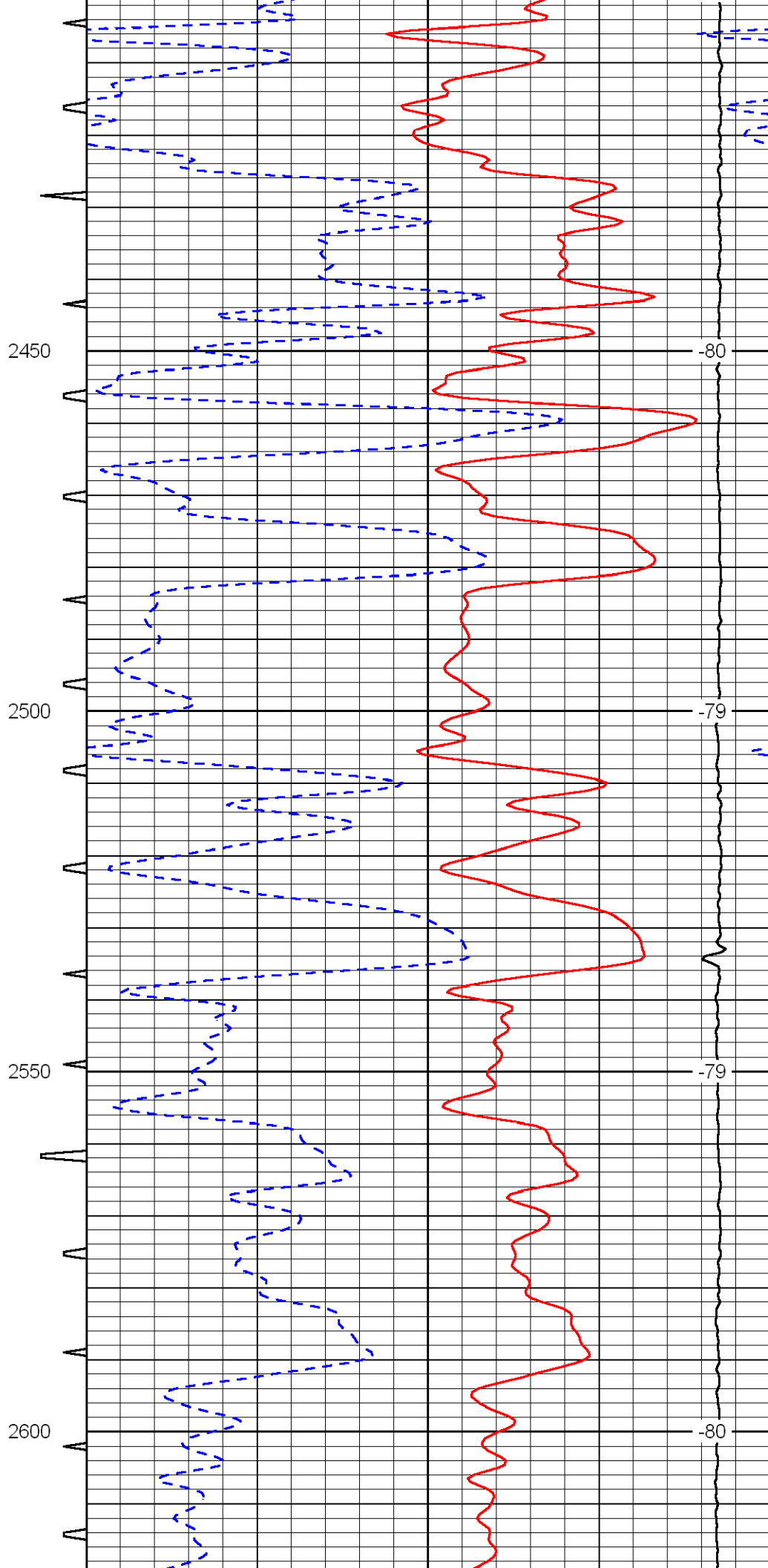
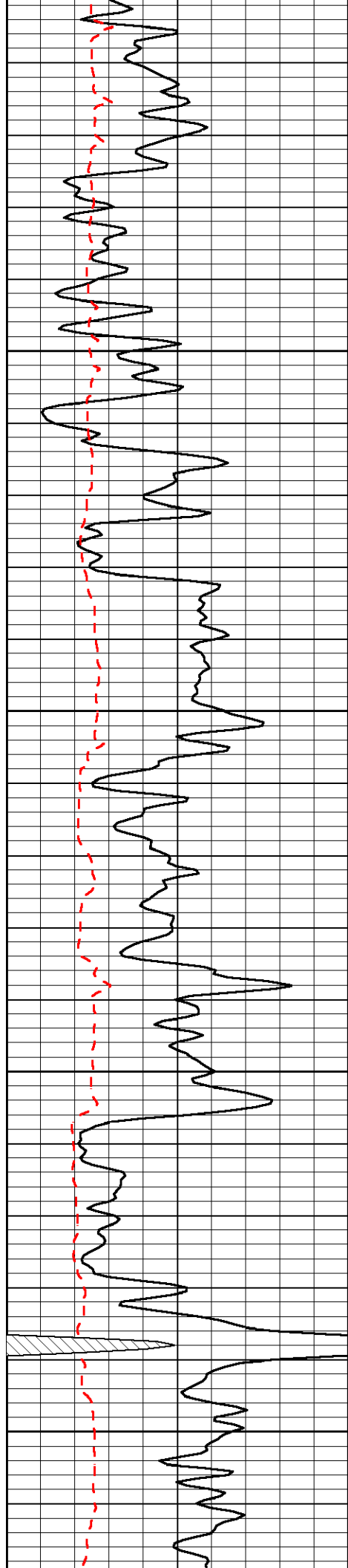


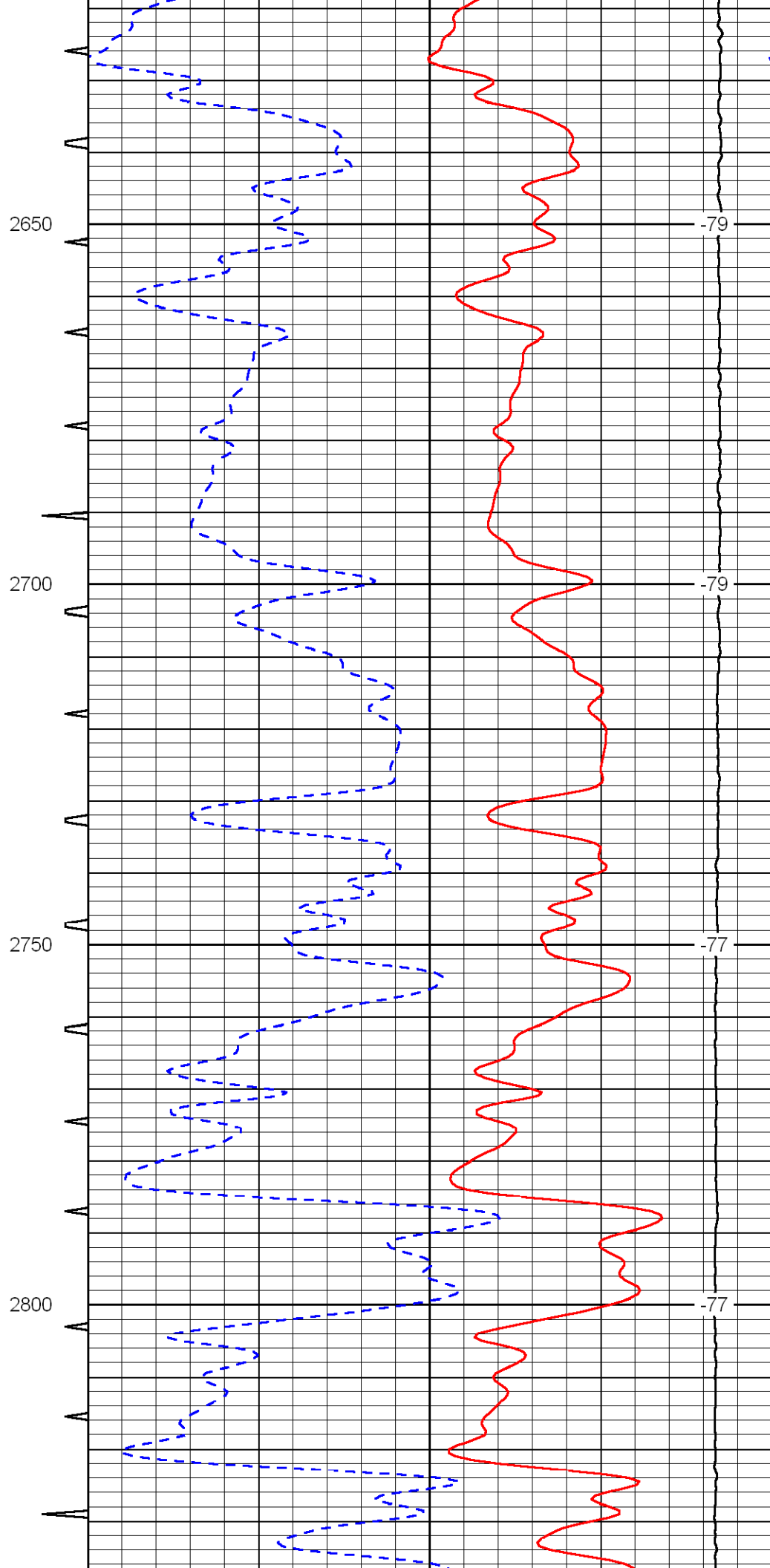
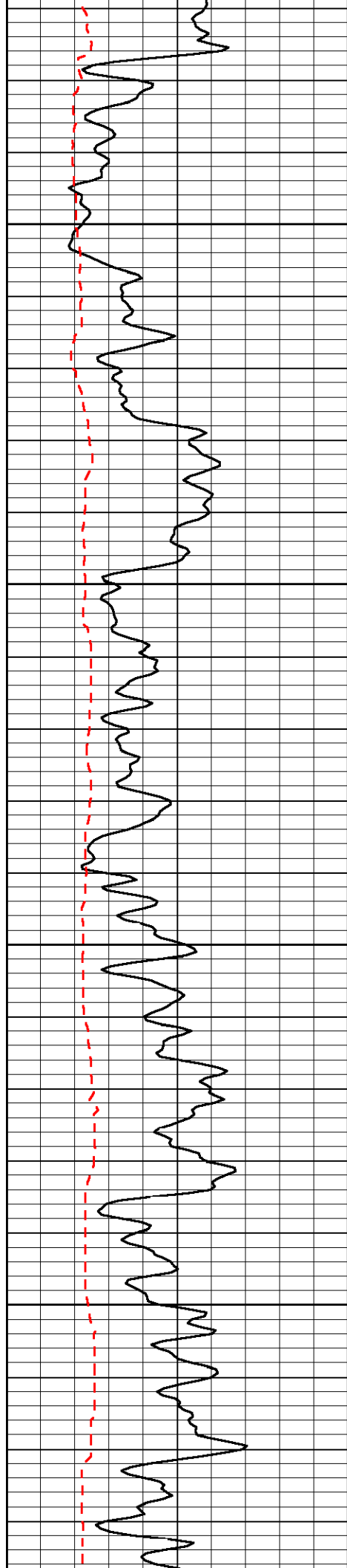


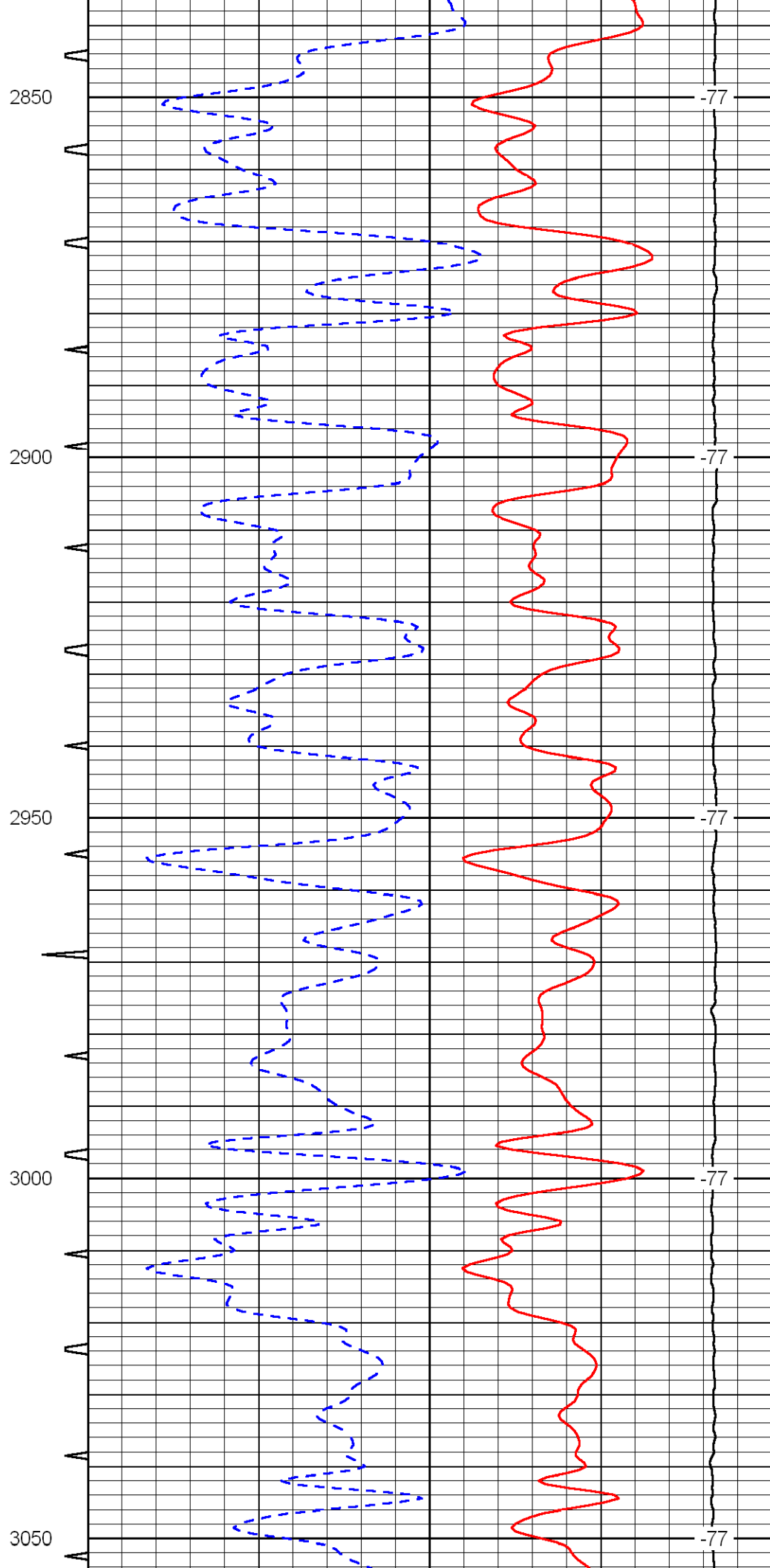
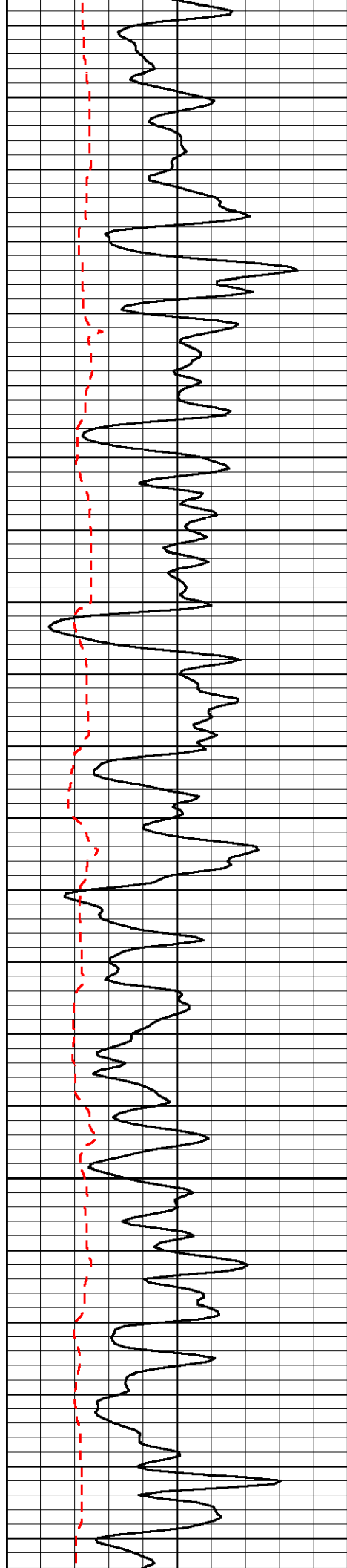


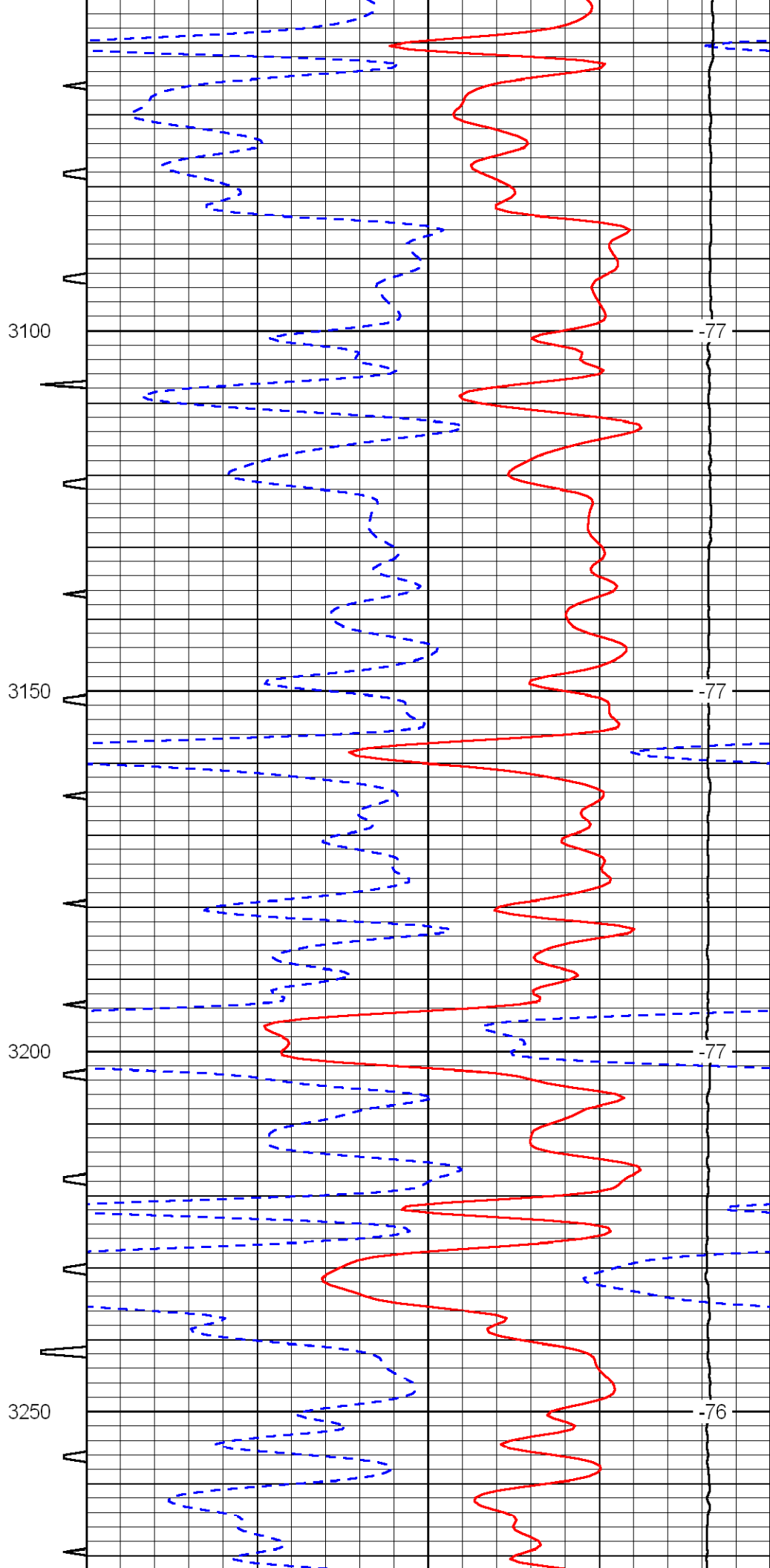
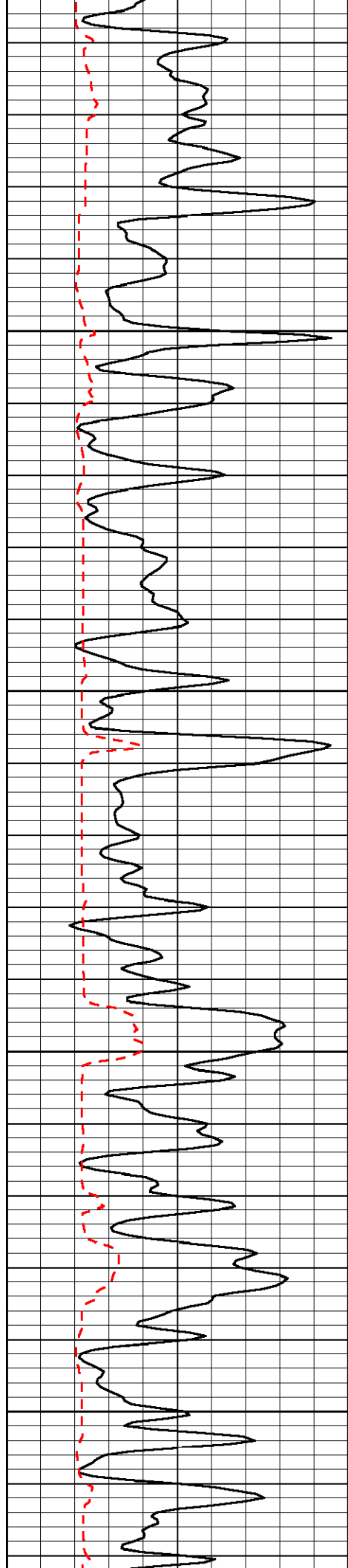


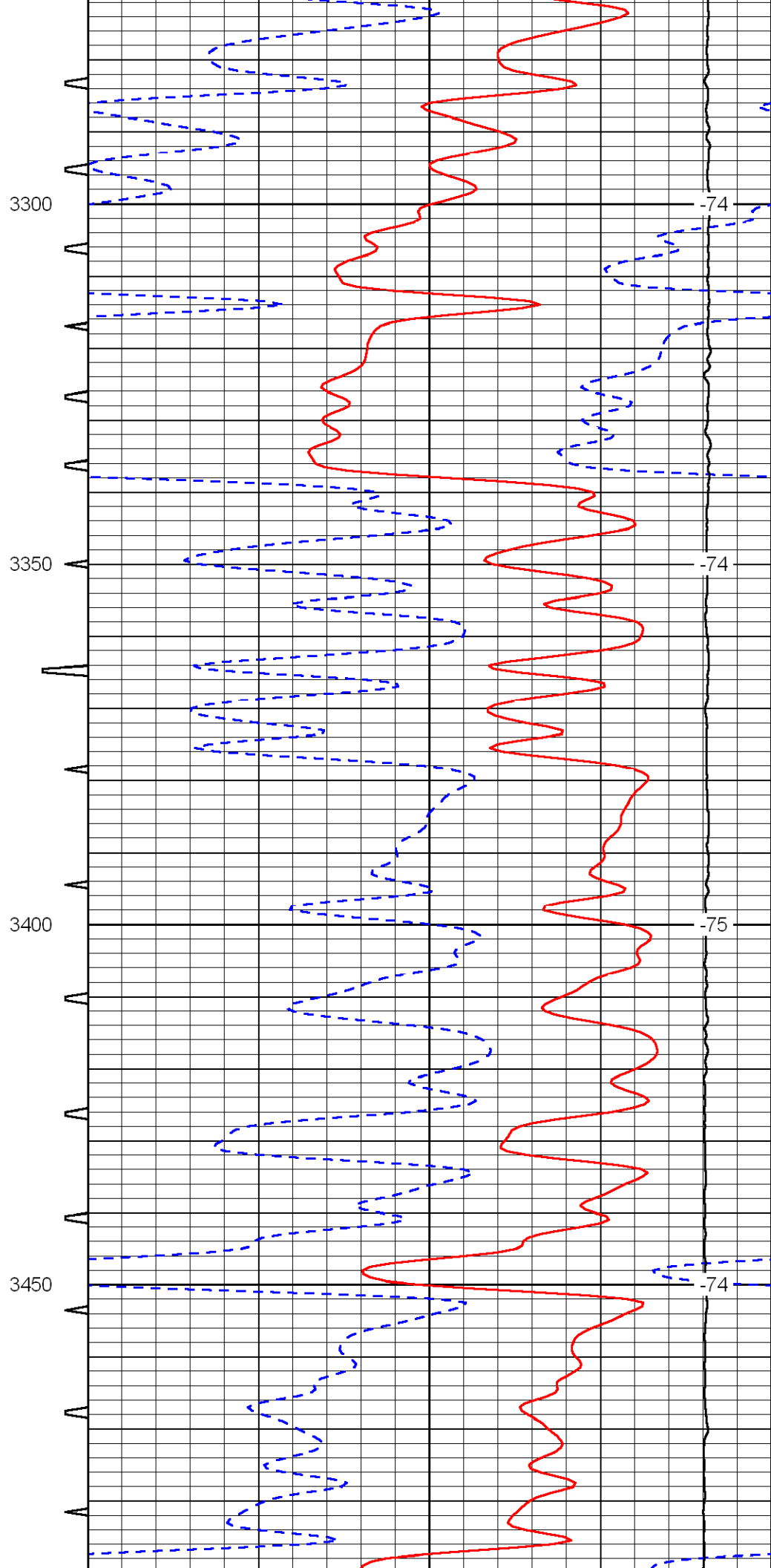
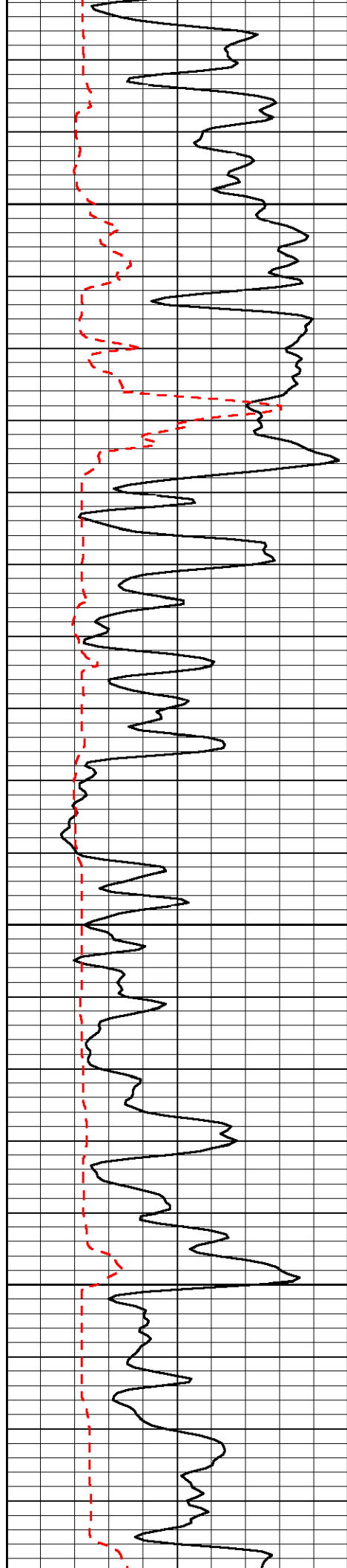


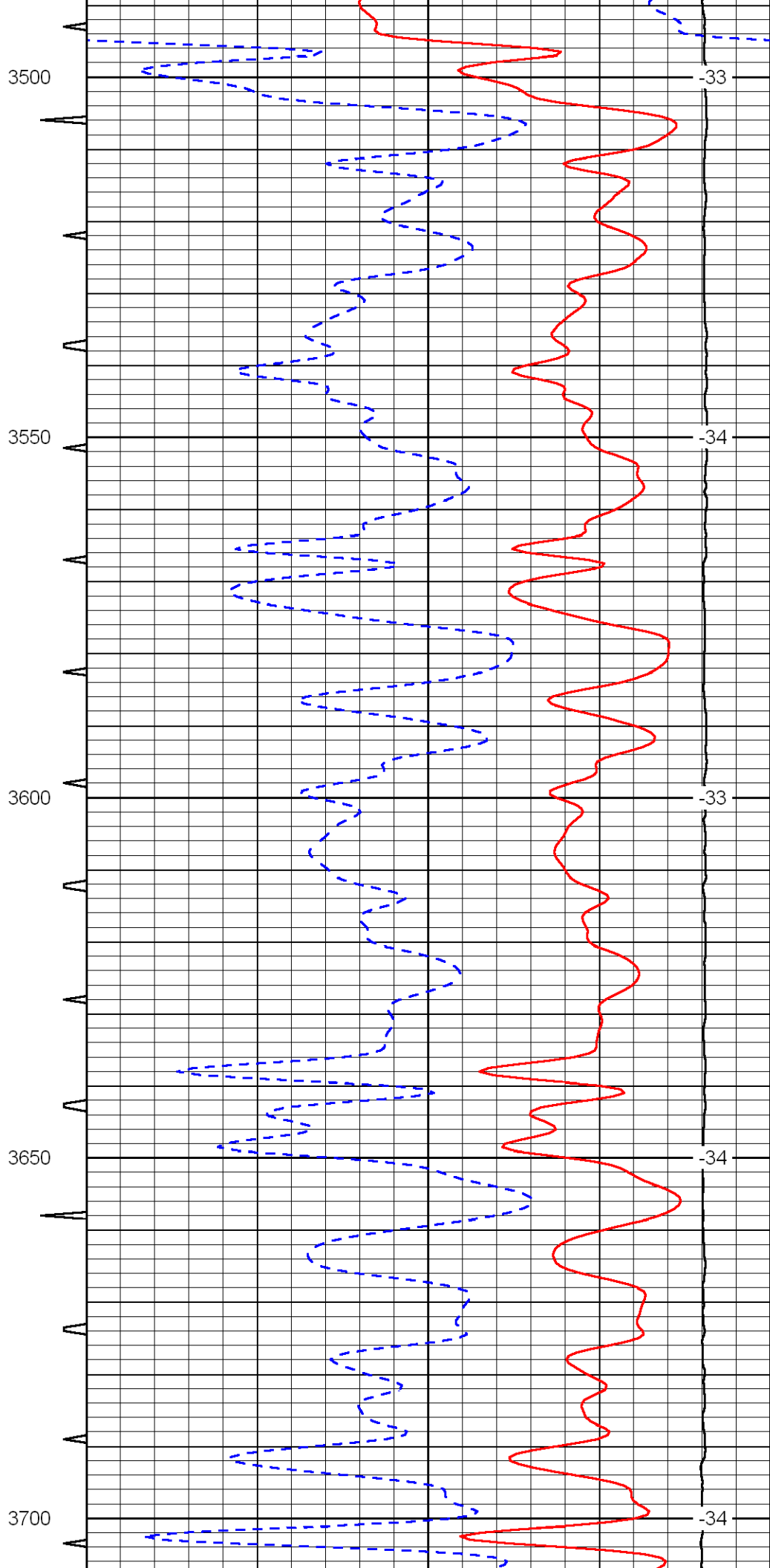
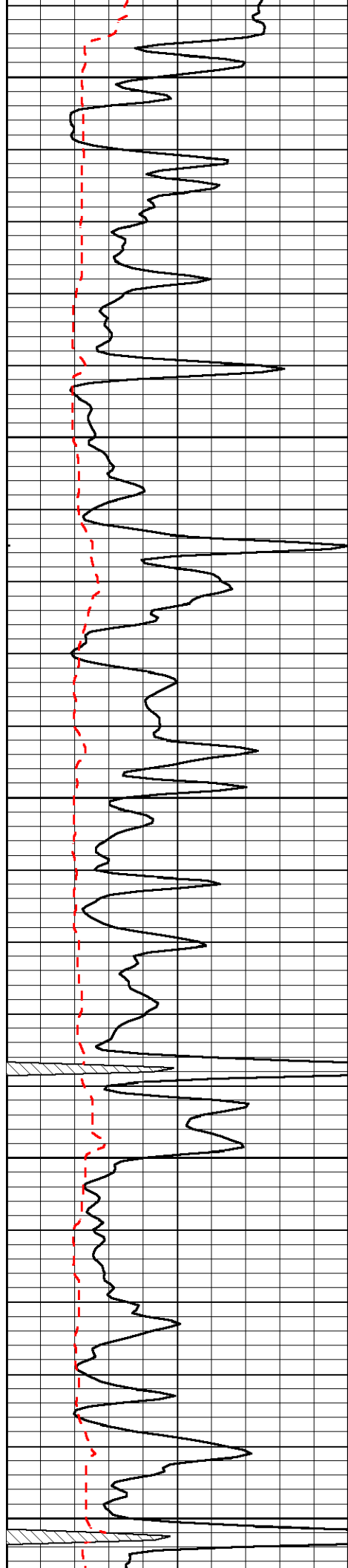


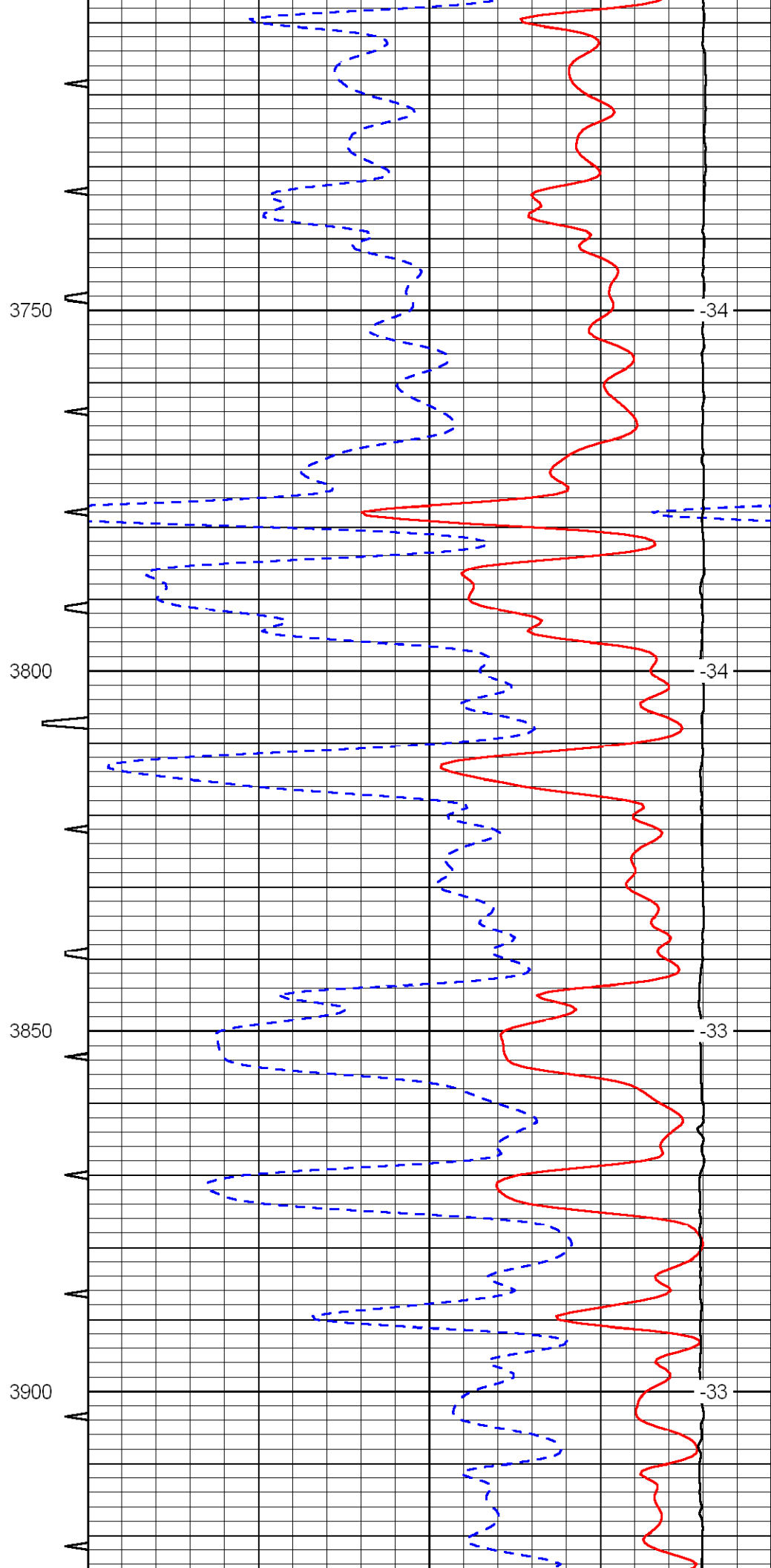
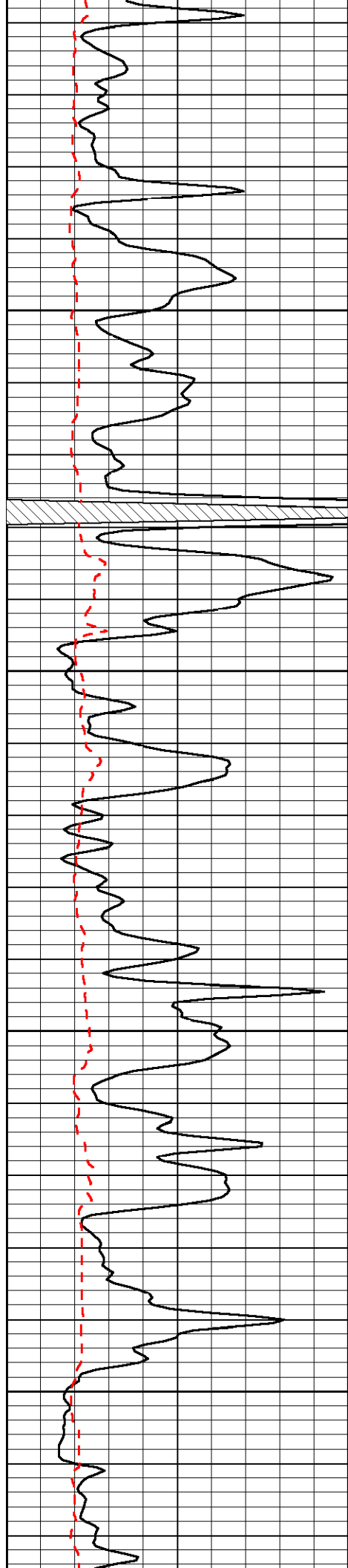


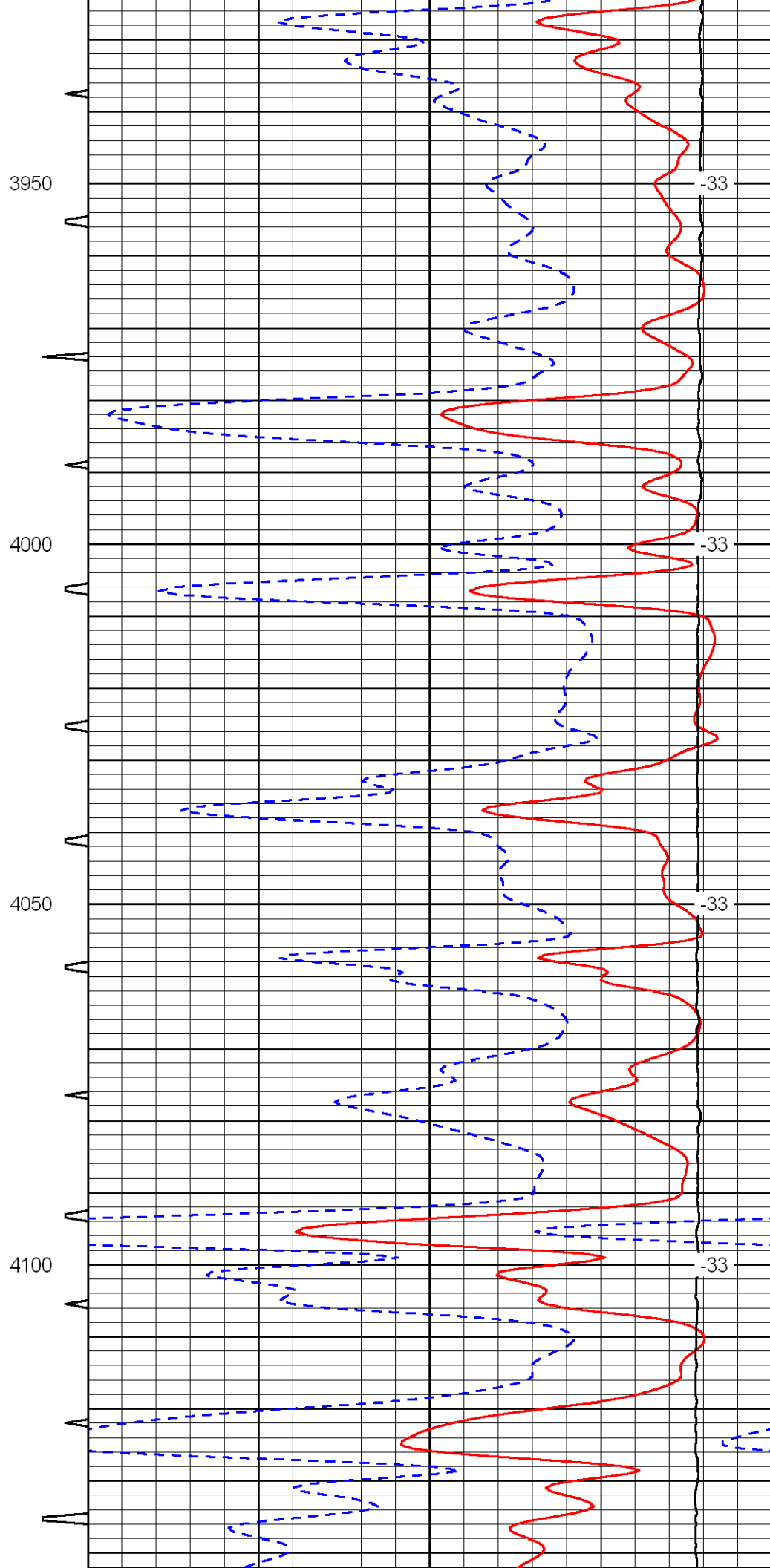
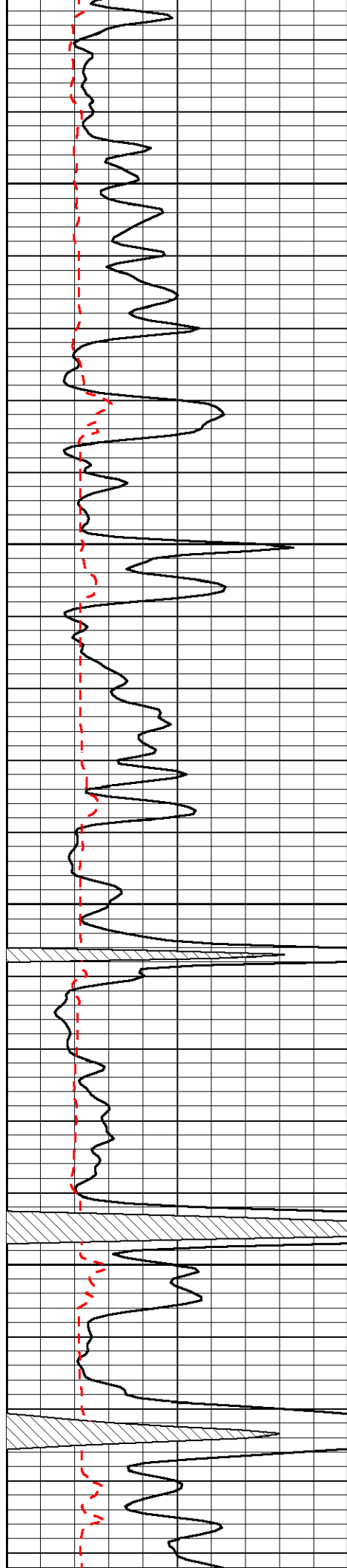


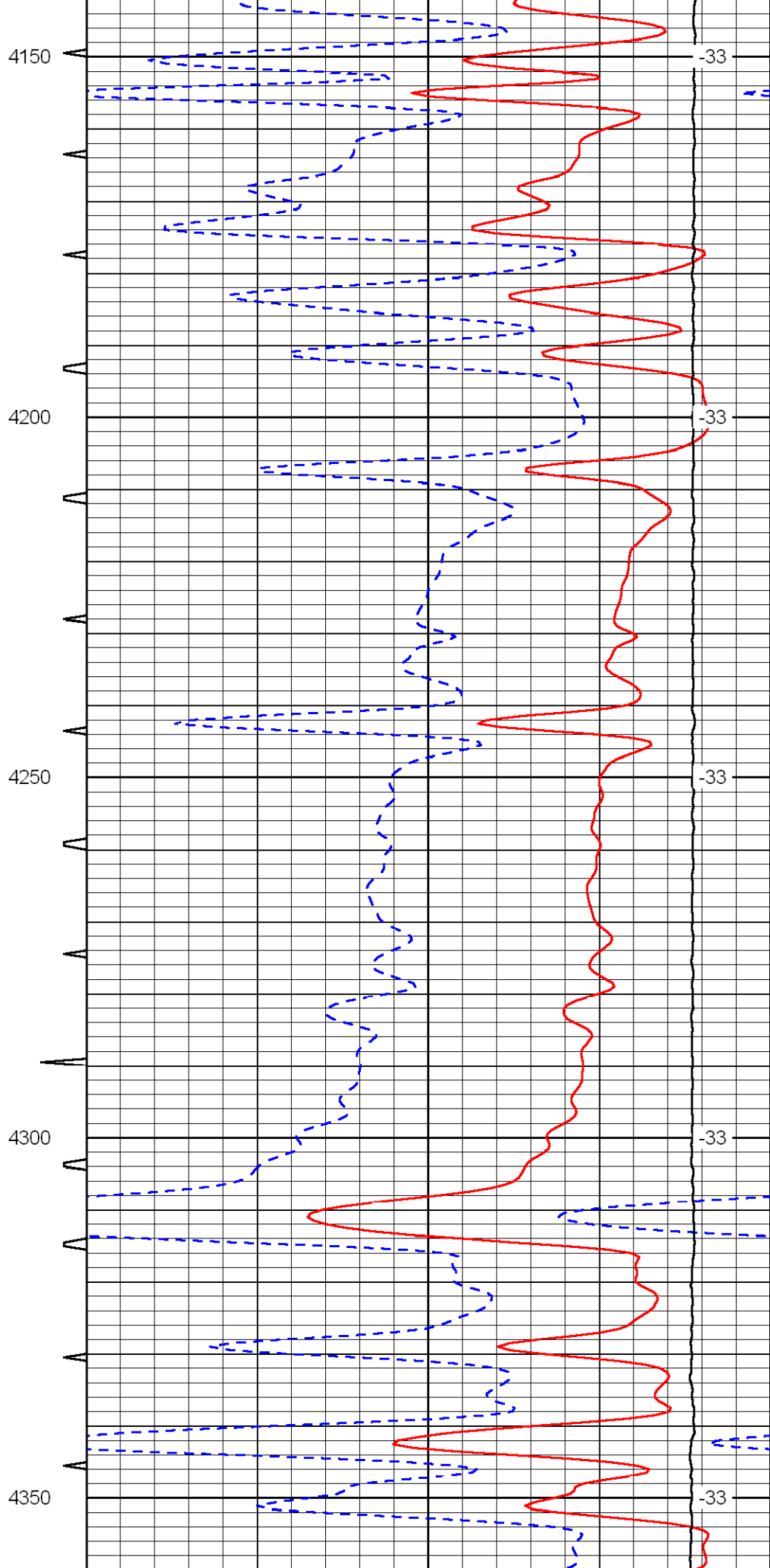
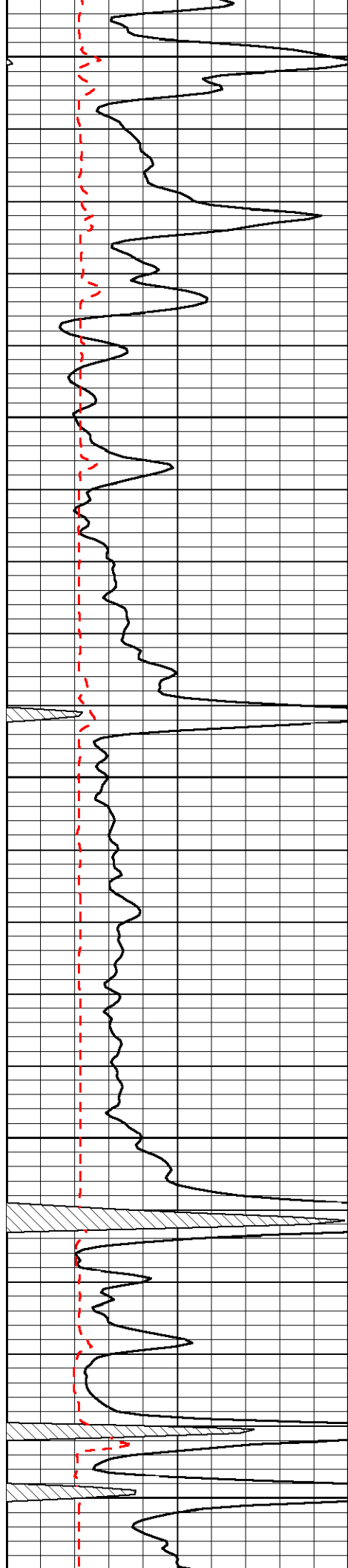


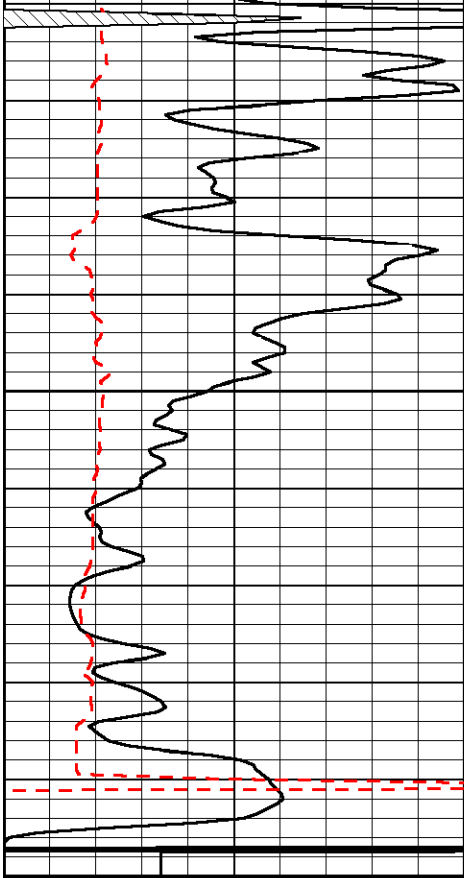




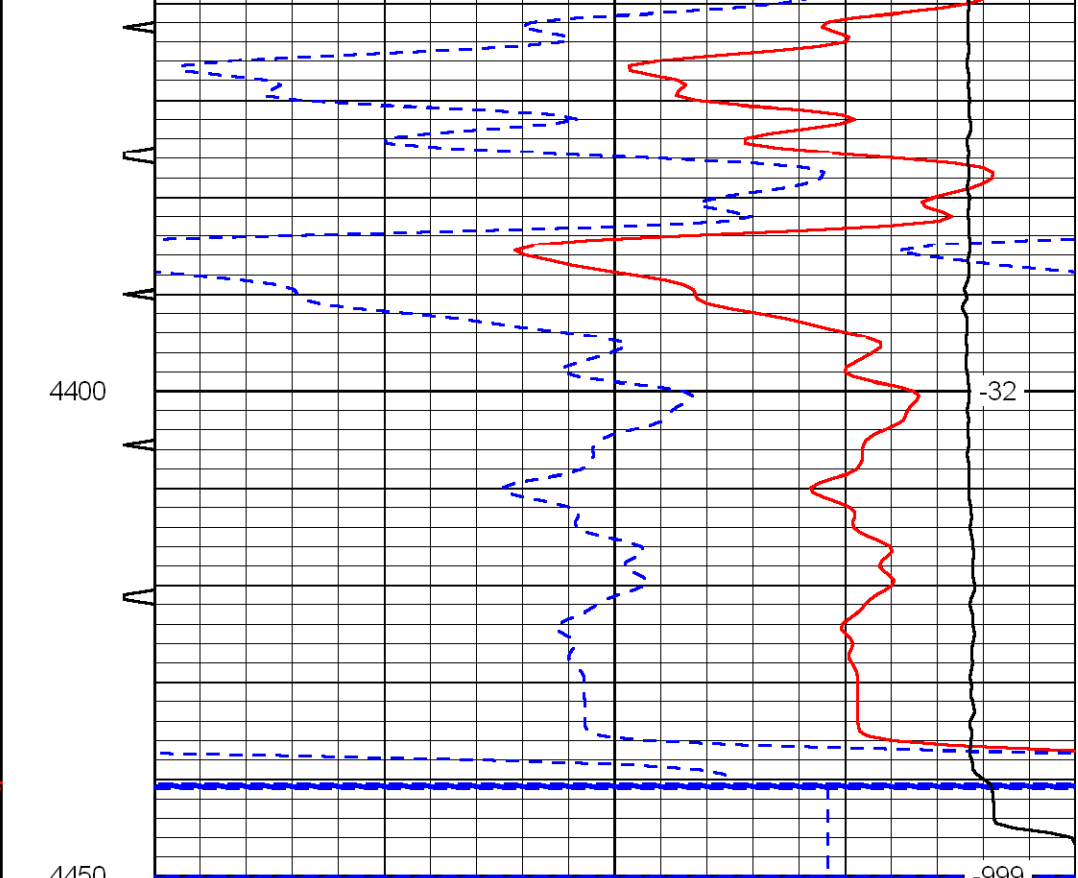








0	Gamma Ray	150
150	Gamma Ray	300
6	Caliper (GAPI)	16



4400	Sonic Int	140	Delta Time (usec/ft)	40
4450		30	SPOR	-10
		10000	LTEN (lb)	0

LSPD