



Pioneer Energy Services

Borehole Compensated Sonic Log

15-009-25,822-00-00

Company Kirby Krier Oil, Inc.
Well Bernard Krier No. 1
Field Schepmann
County Barton State Kansas

Location 2,300' FSL & 1,400' FEL
Sec: 17 Twp: 18S Rge: 11W

Other Services
CNL/CDL
MEL/DIL

Permanent Datum Ground Level Elevation 1807
Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 1814
D.F. 1814
G.L. 1807

Date

4/20/2013

Run Number

Two

Type Log

BHC Sonic

Depth Driller

3475

Depth Logger

3470

Bottom Logged Interval

3459

Top Logged Interval

250

Type Fluid In Hole

Chemical

Salinity, PPM CL

6000

Density

9.2

Level

Full

Max. Rec. Temp. F

111

Operating Rig Time

4 1/2 Hours

Equipment -- Location

108 Hays

Recorded By

J. Long

Witnessed By

Kurt Talbott

Borehole Record

Casing Record

Run No. Bit From To Size Wgt. From To

1 12.25 00 296 8.625 24# 00 296

2 7.875 296 3475

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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.

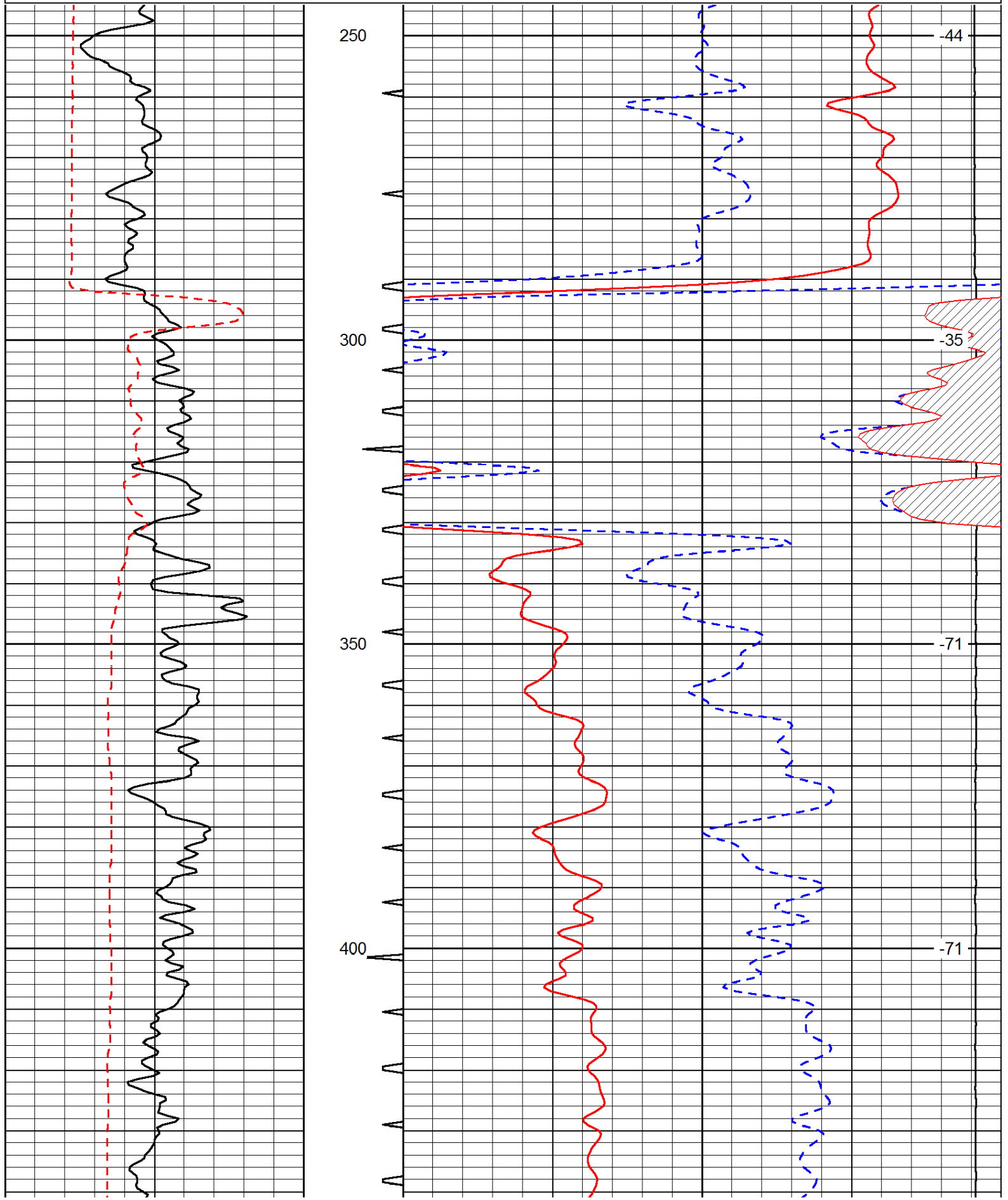
Comments

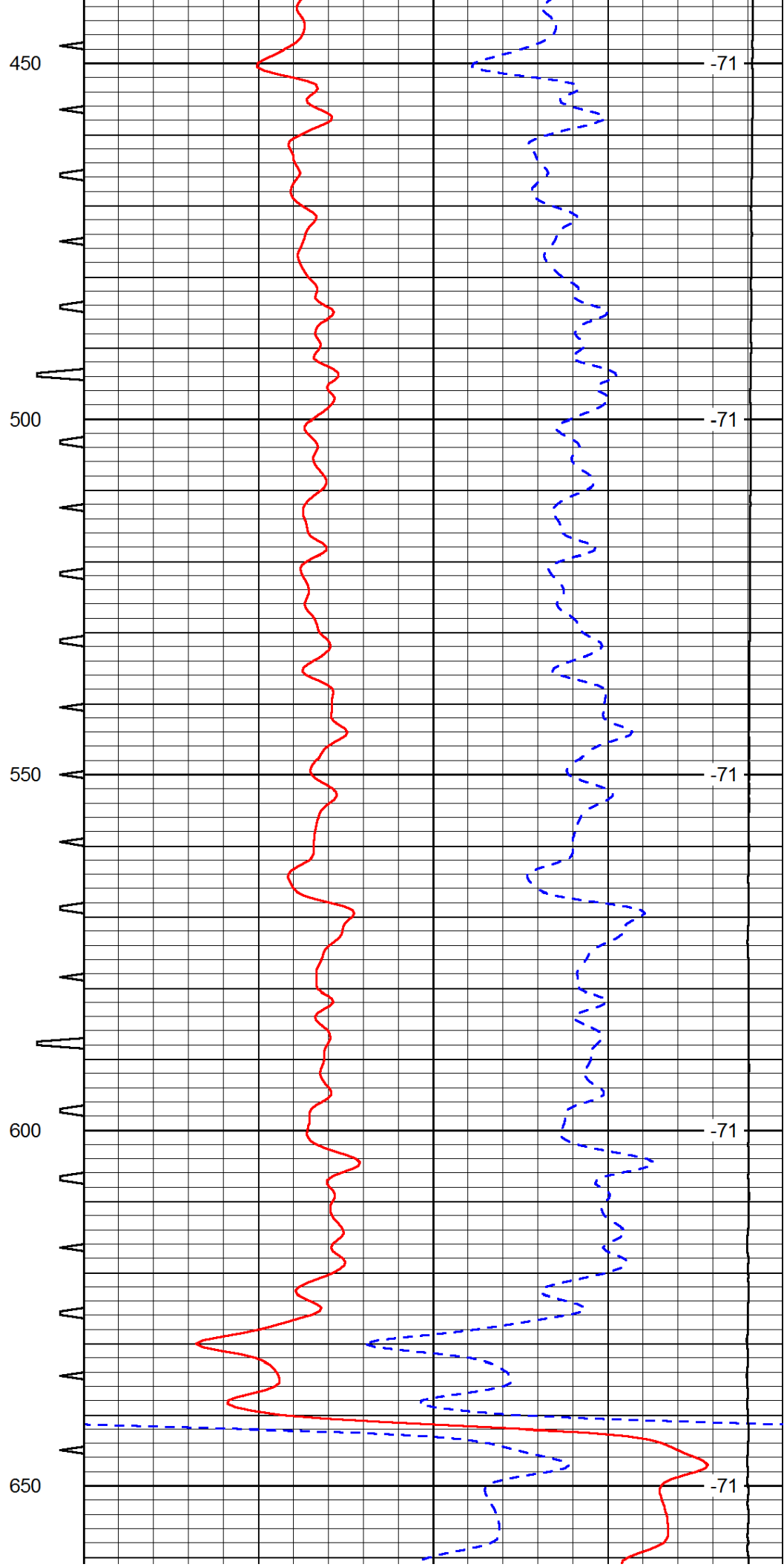
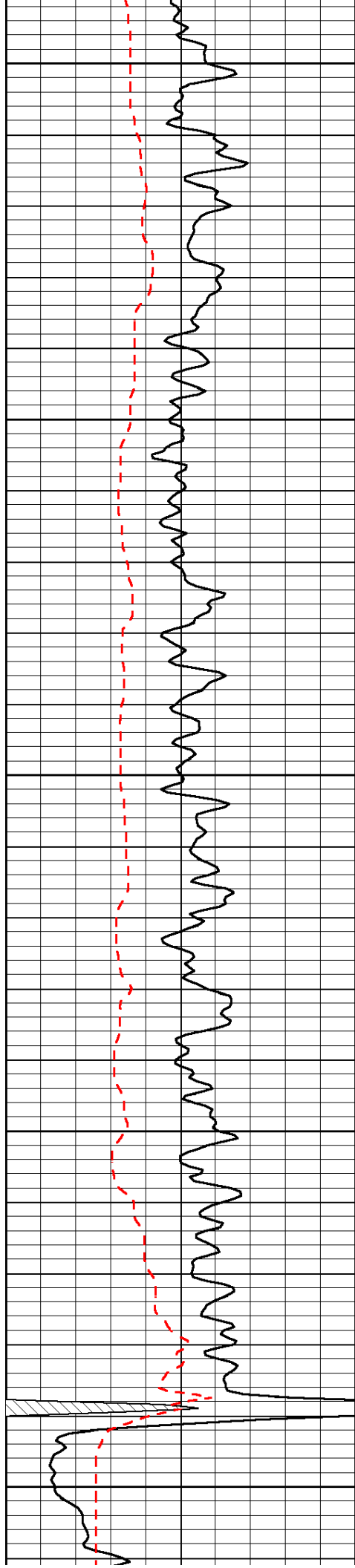
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

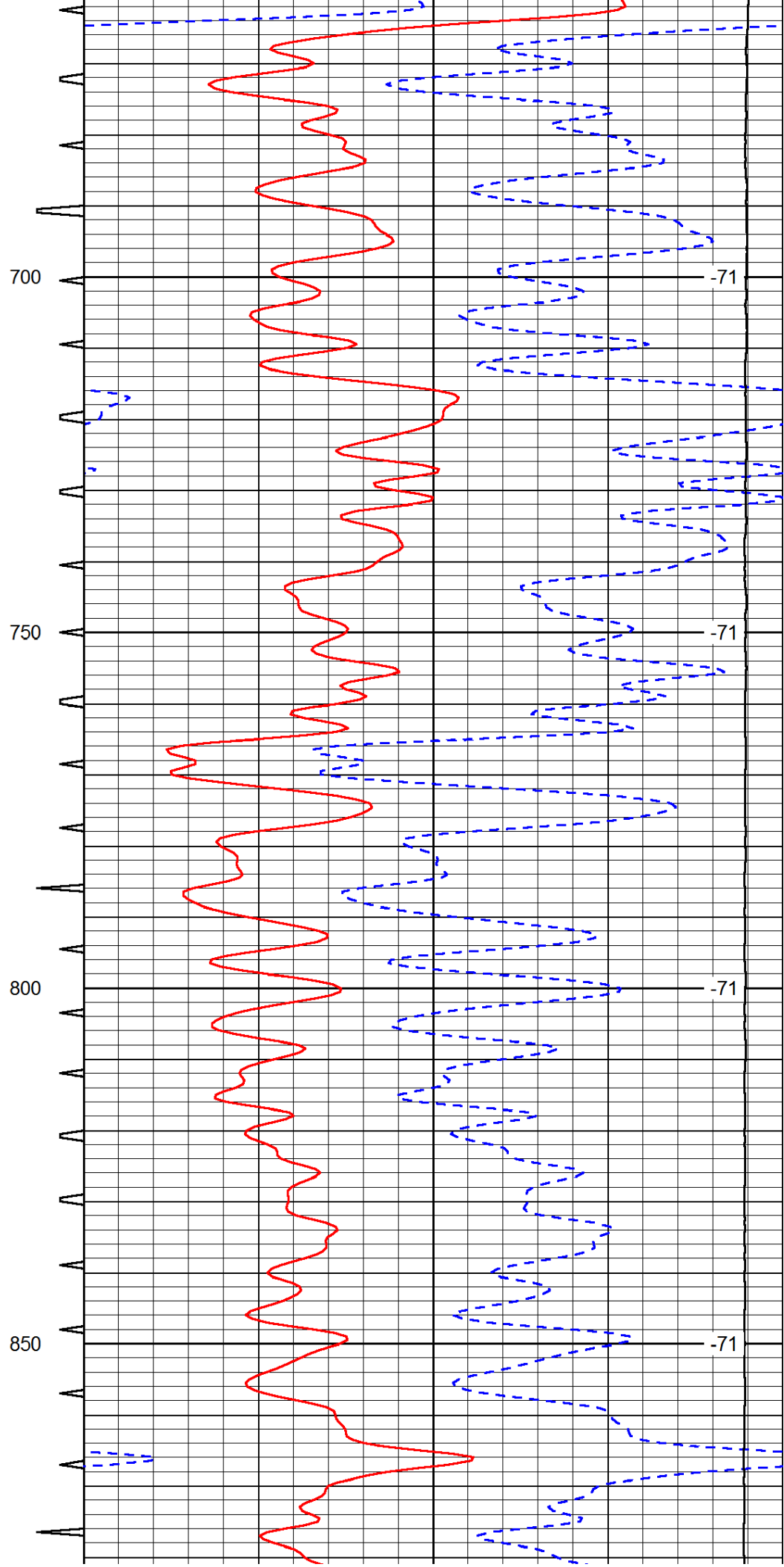
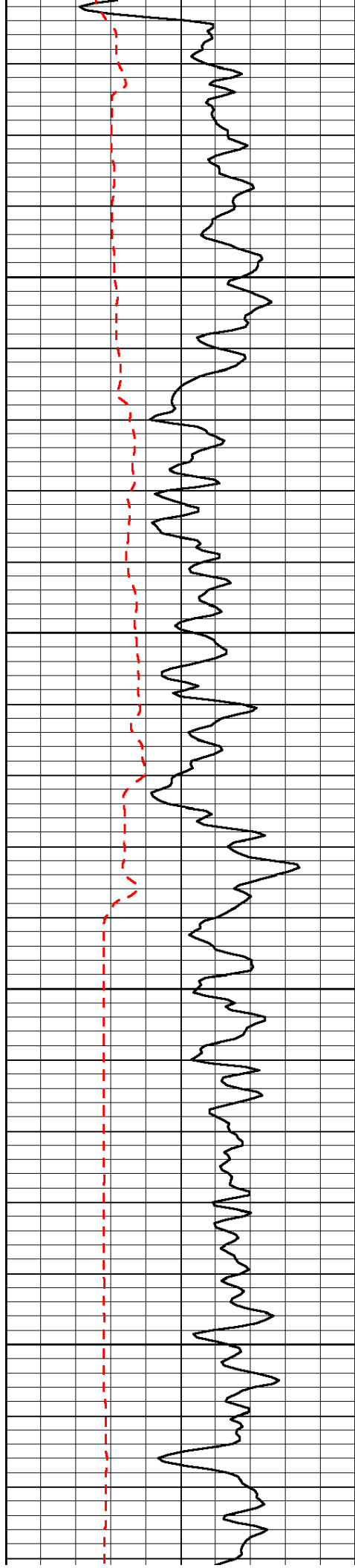
Claflin, 1 1/2 South to Highway 156, 1 1/2 Southwest, North Into

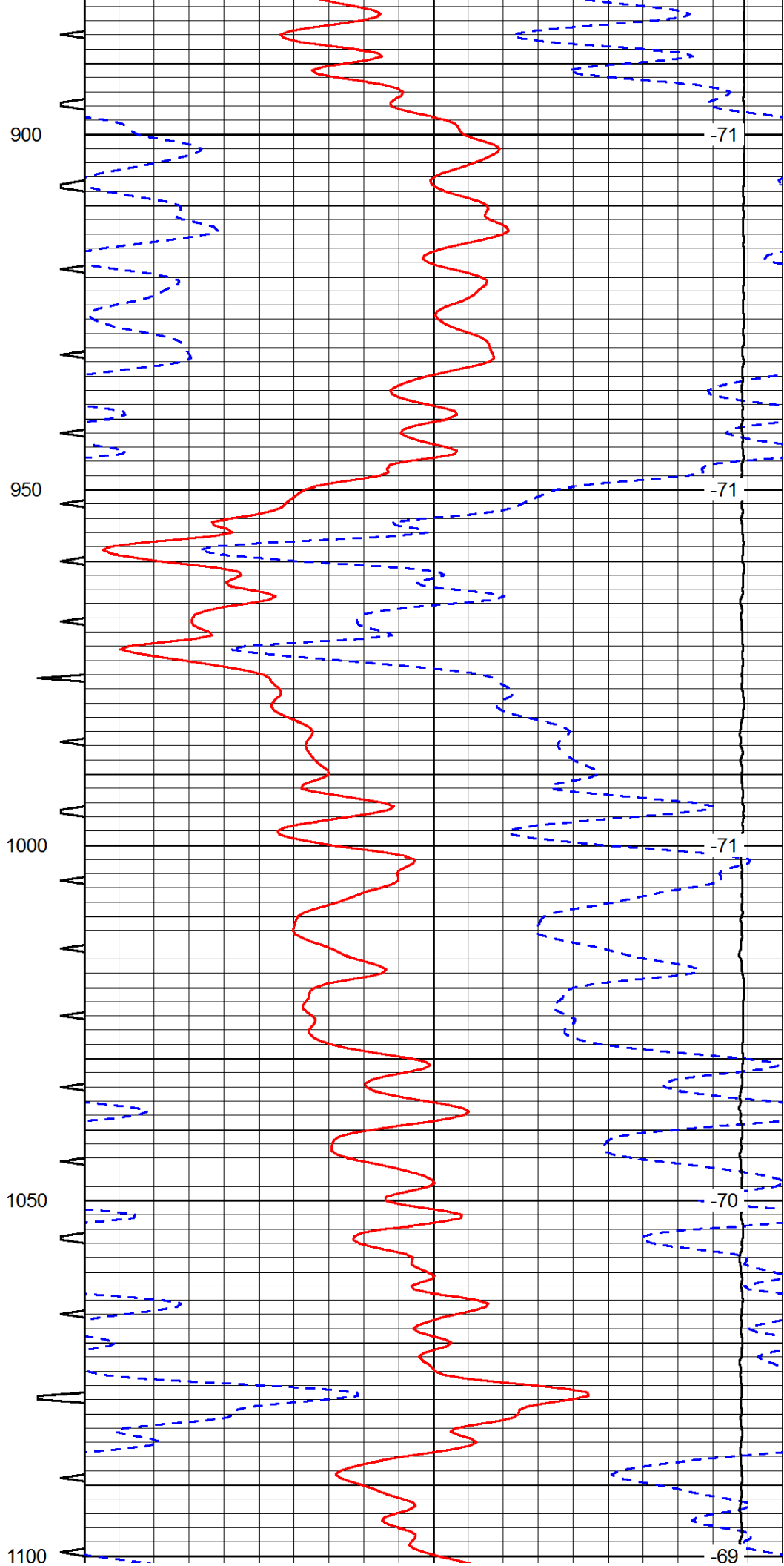
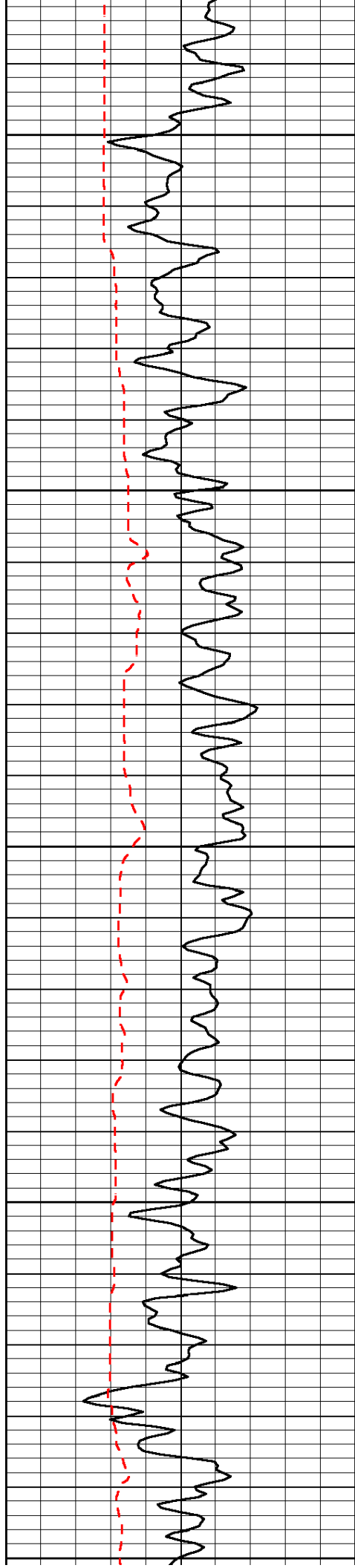
Database File: c:\warrior\data\kirby krier_bernard krier #1\kirbykrier_bernardkrier_1hd.db
Dataset Pathname: dil\kirbstck
Presentation Format: sonic
Dataset Creation: Sat Apr 20 10:52:32 2013
Charted by: Depth in Feet scaled 1:240

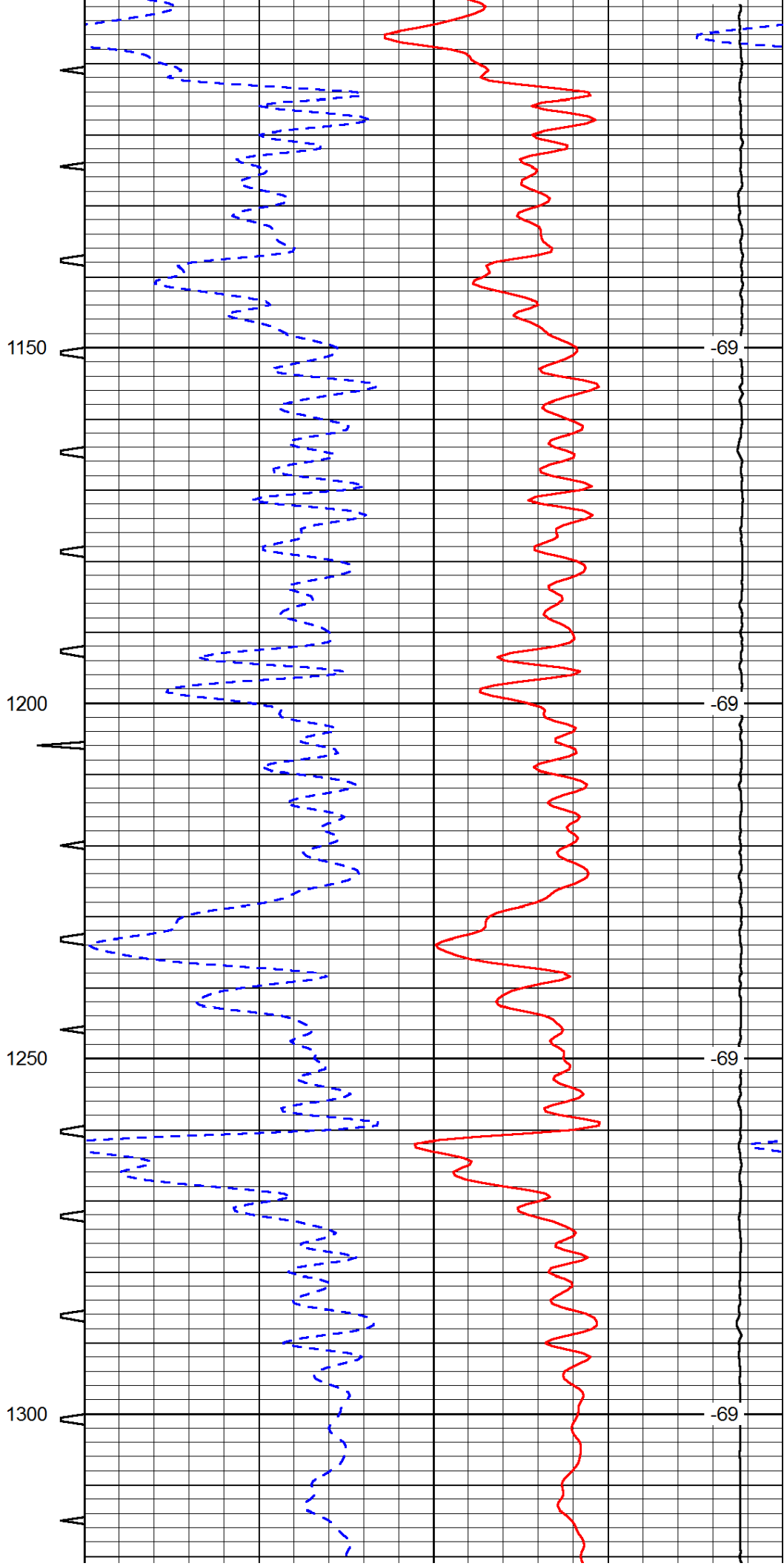
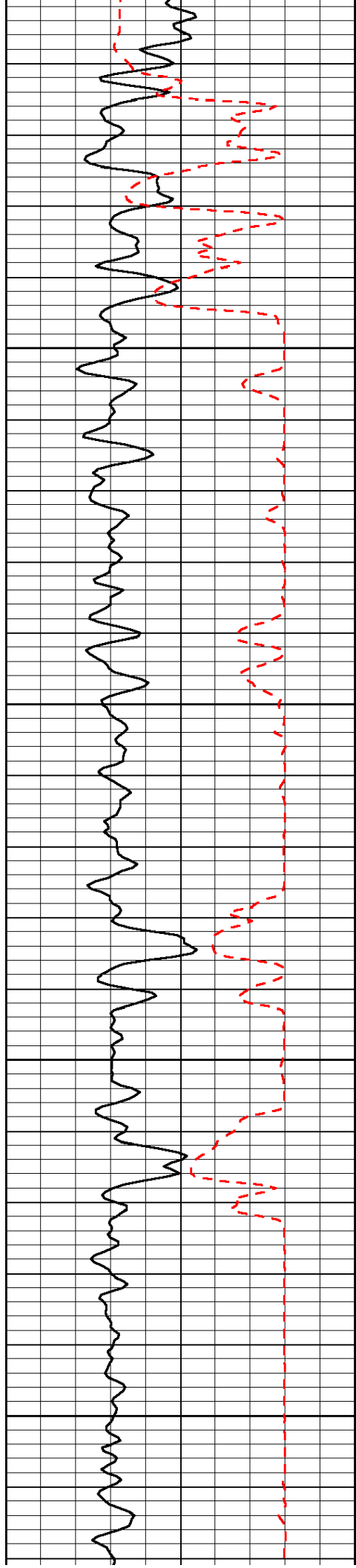
Charted by:		Depth in Feet scaled 1:2.15					
0	Gamma Ray	150	5	0	140	Delta Time (usec/ft)	40
150	Gamma Ray	300			30	SPOR	-10
6	Caliper (GAPI)	16			15000	LTEN (lb)	0
							LSPD

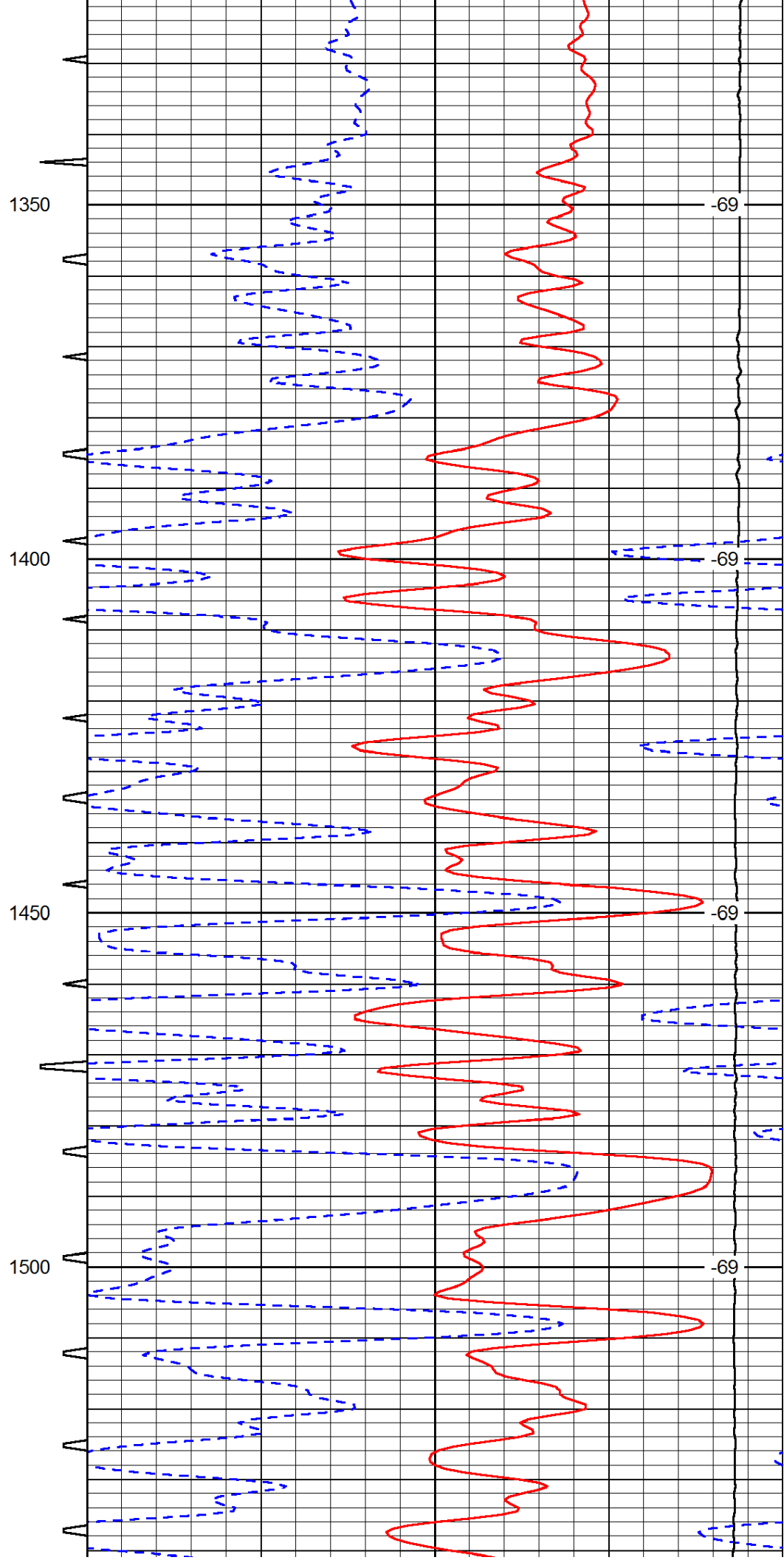
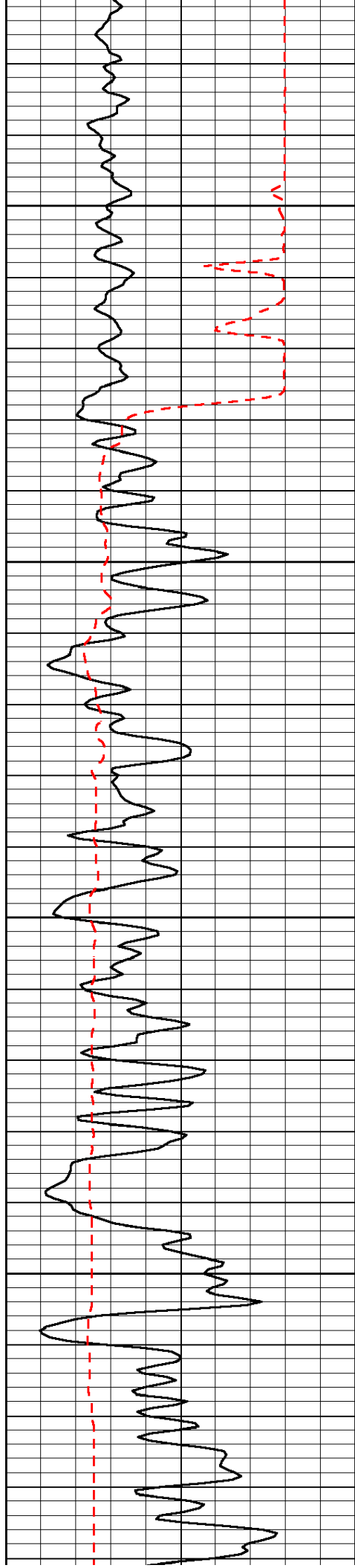


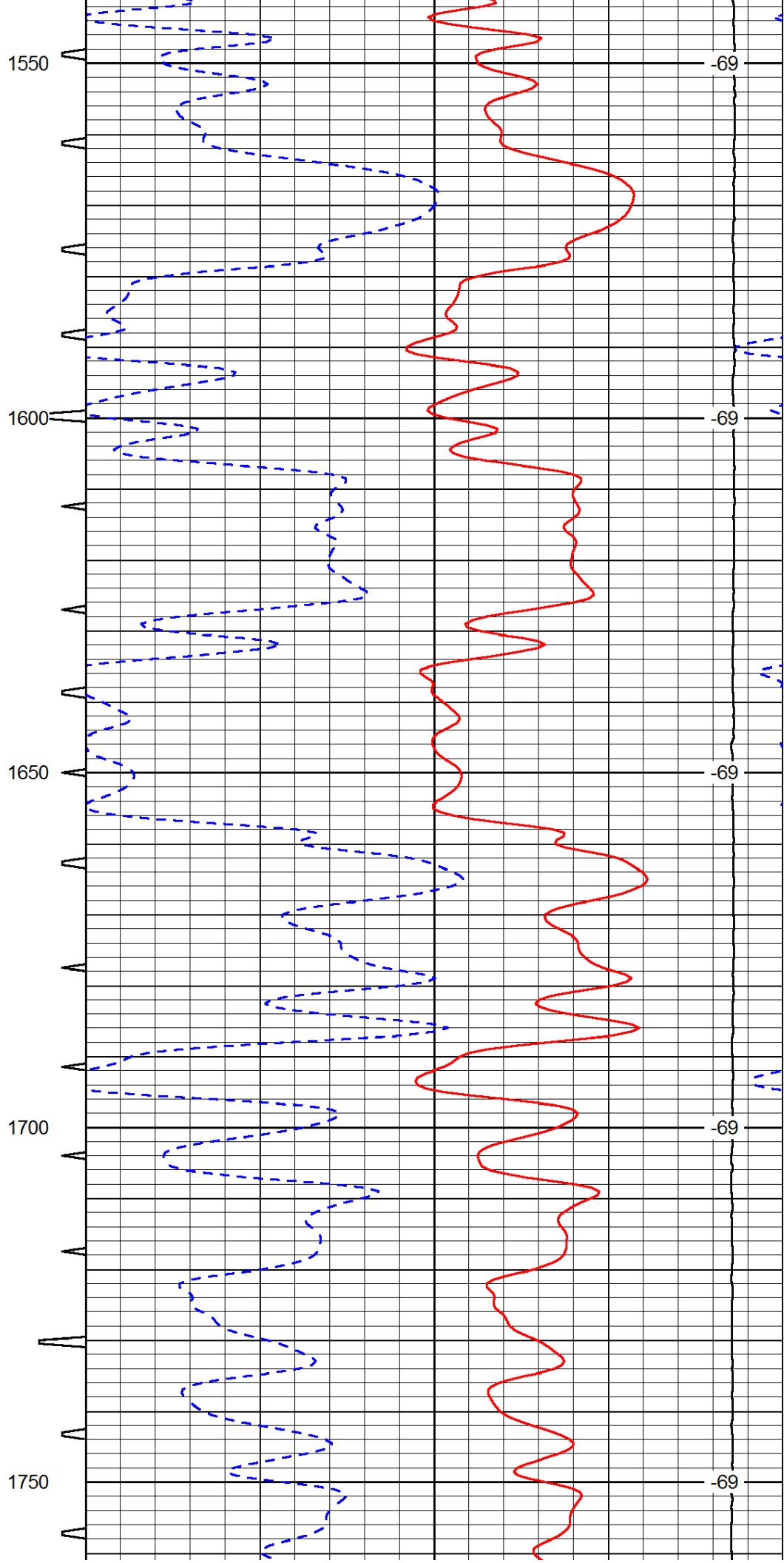
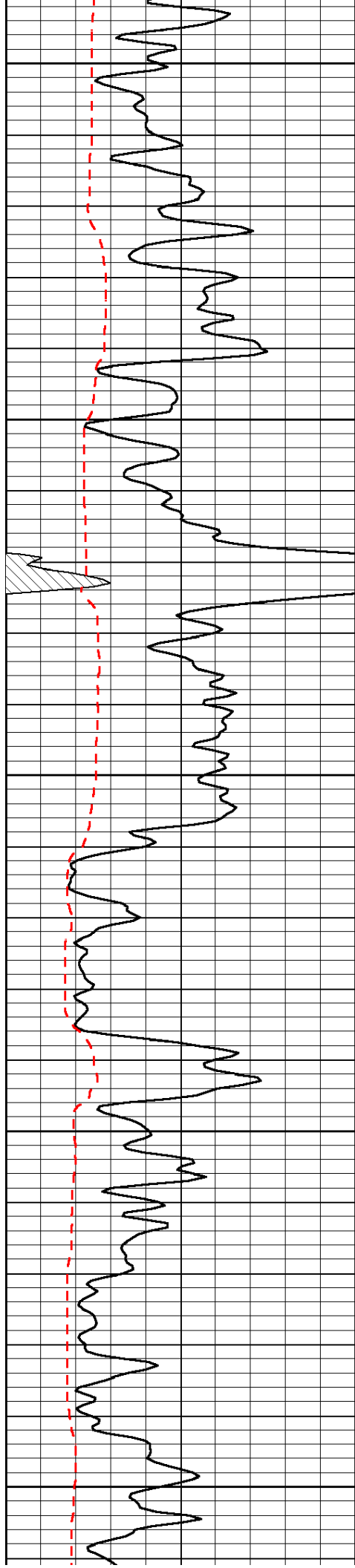


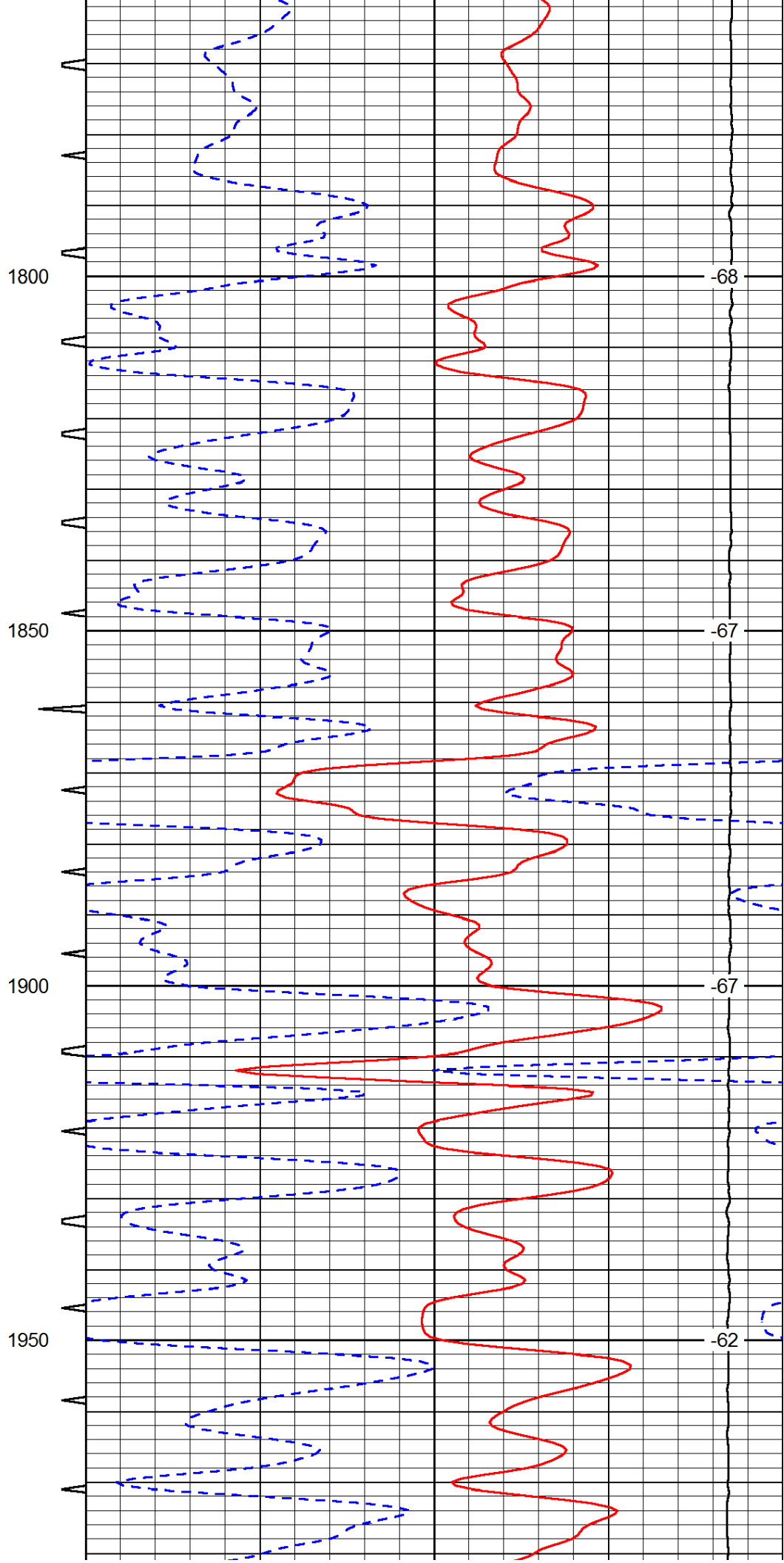
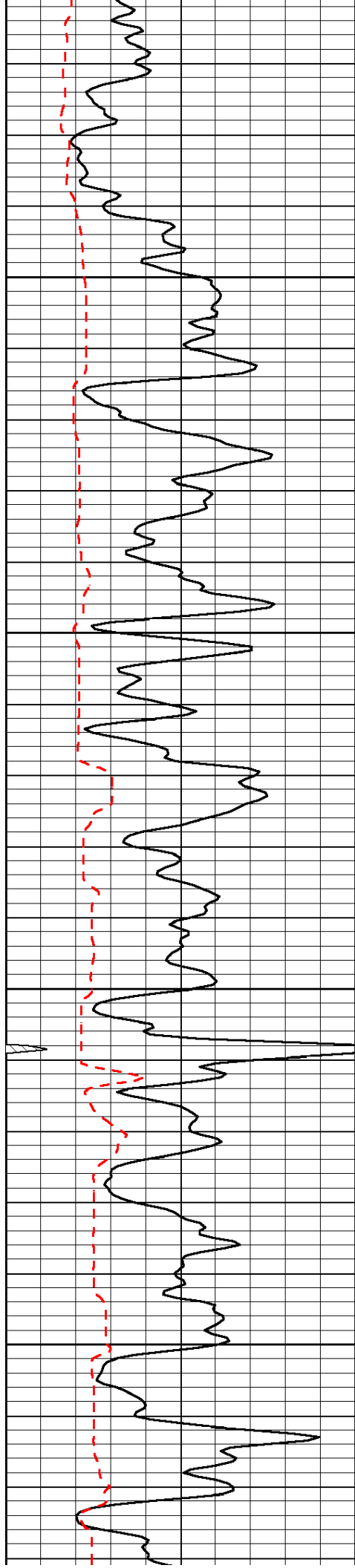


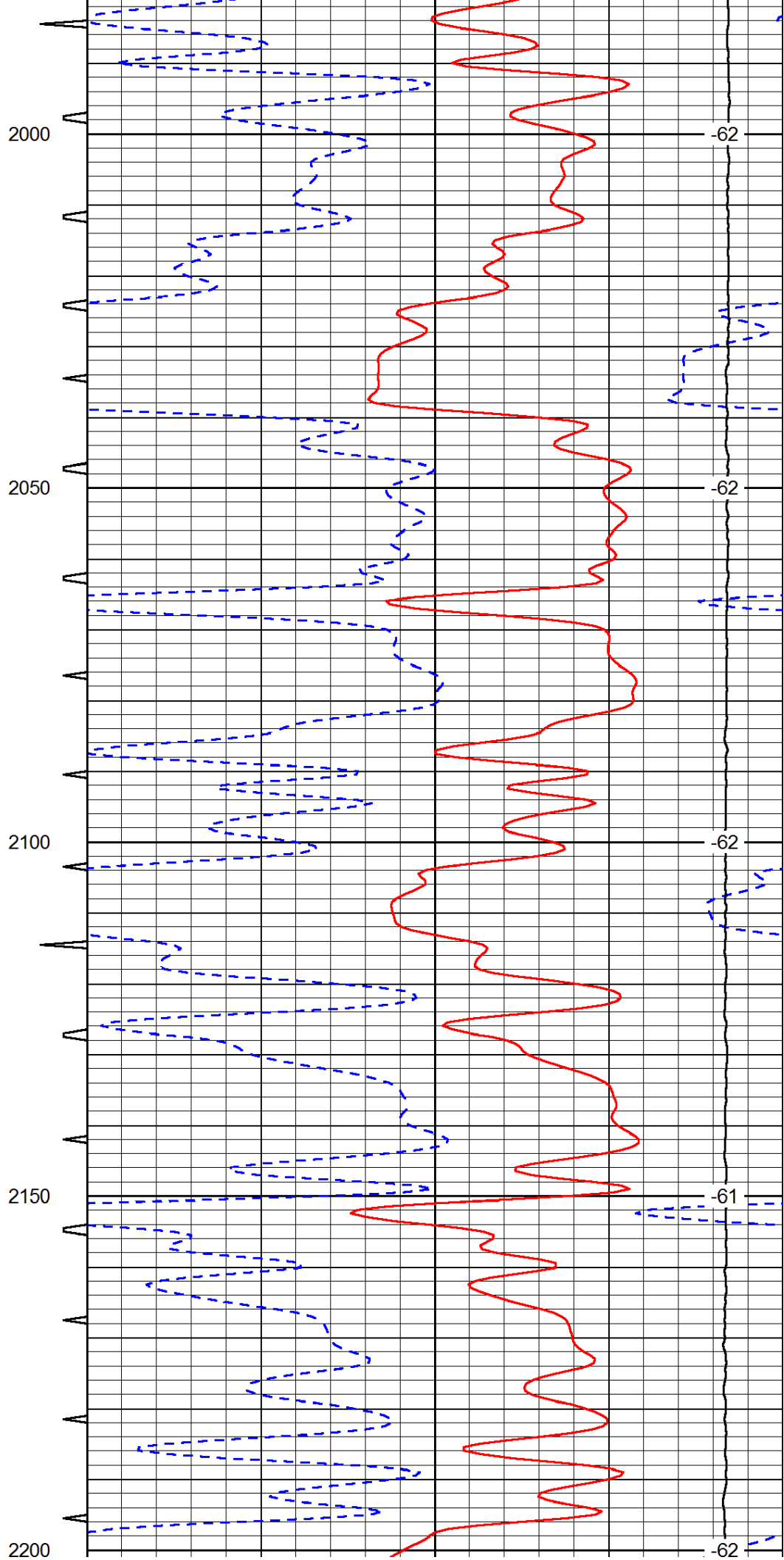
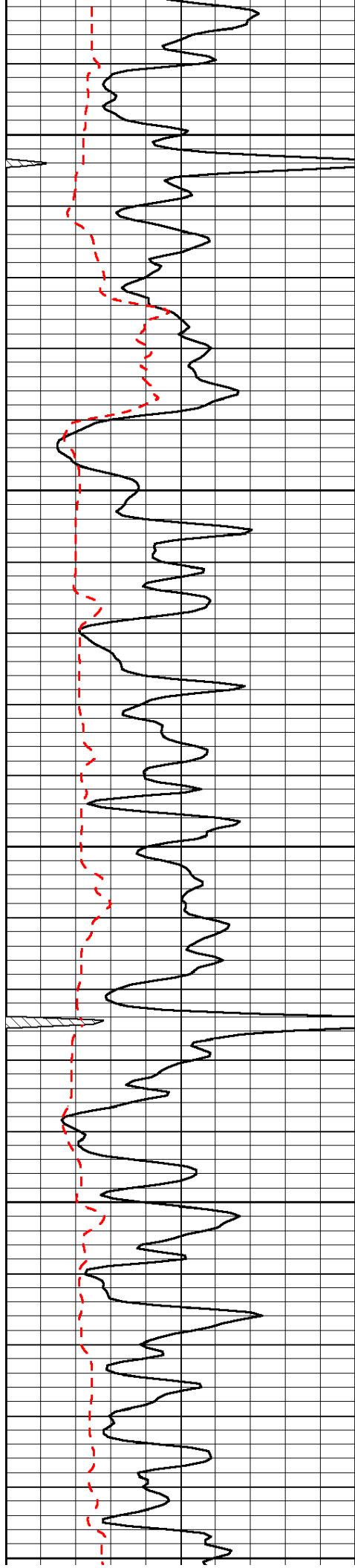


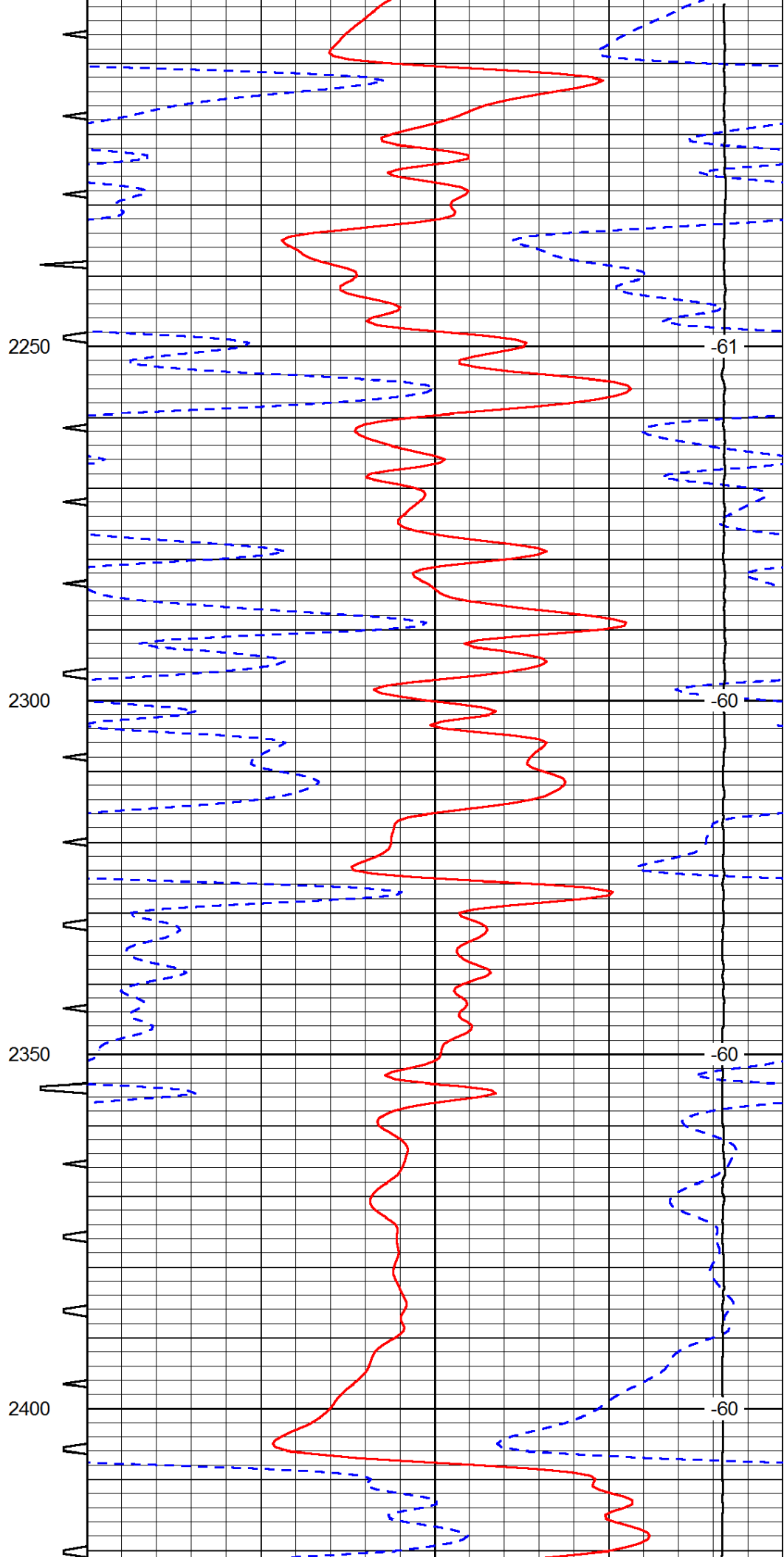
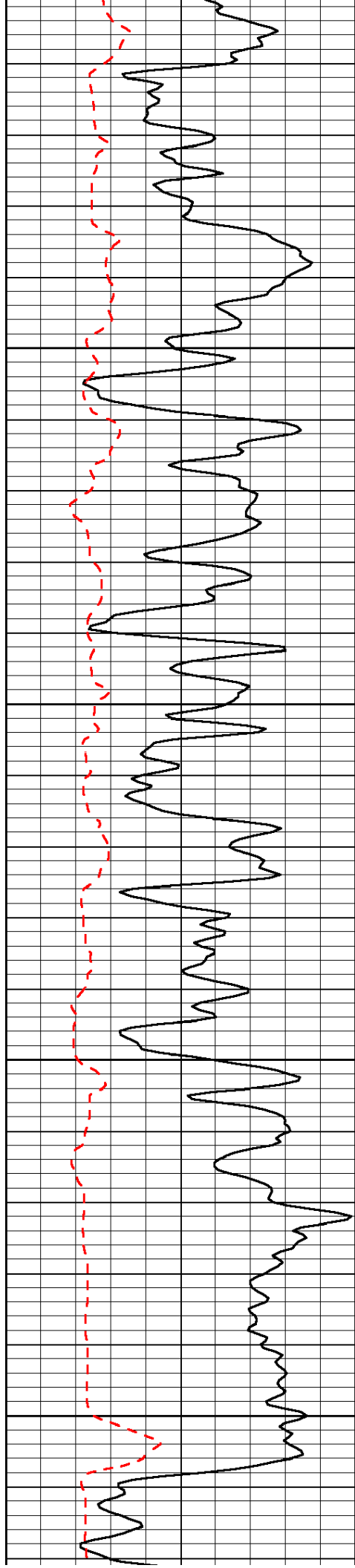


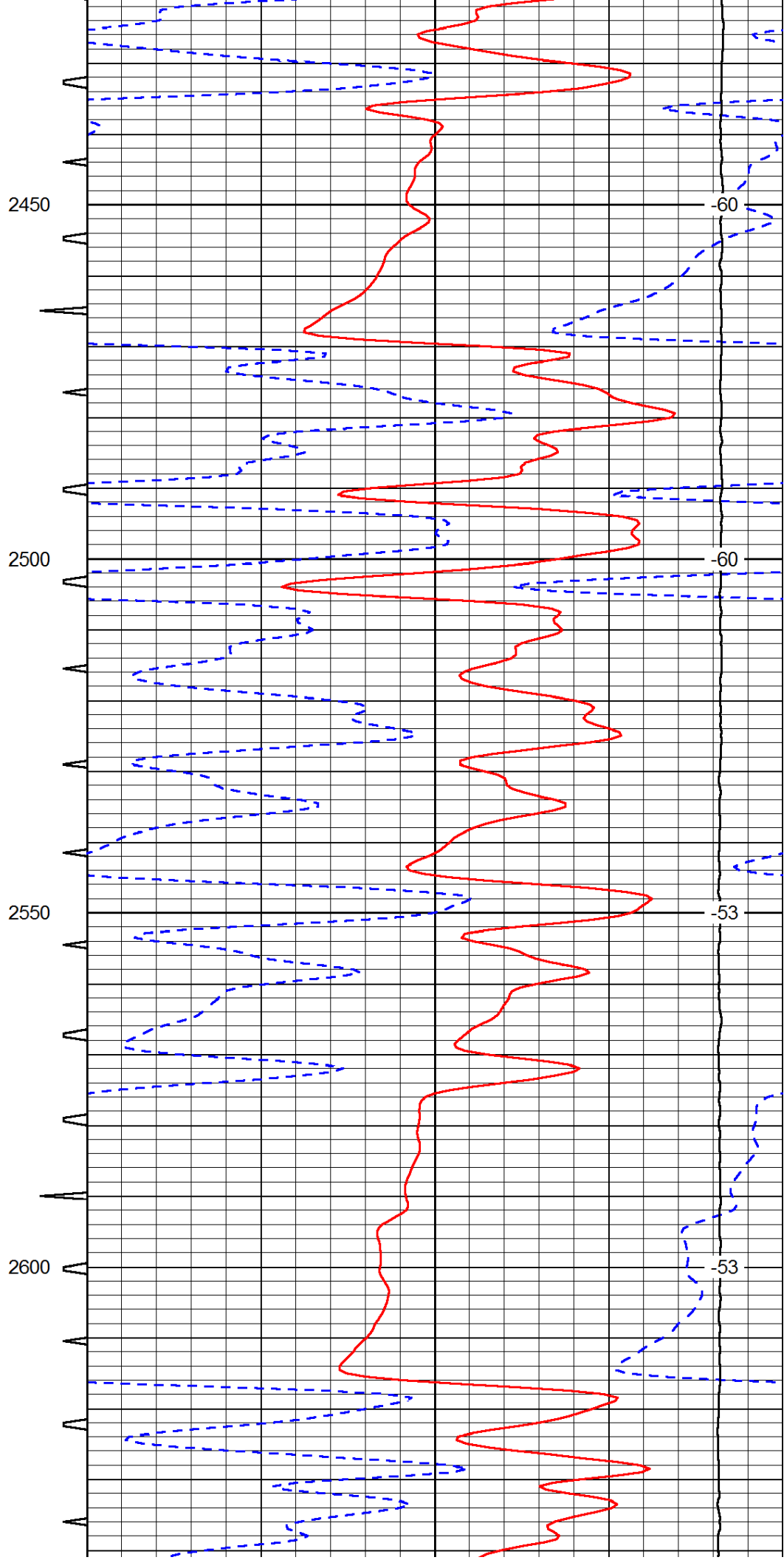
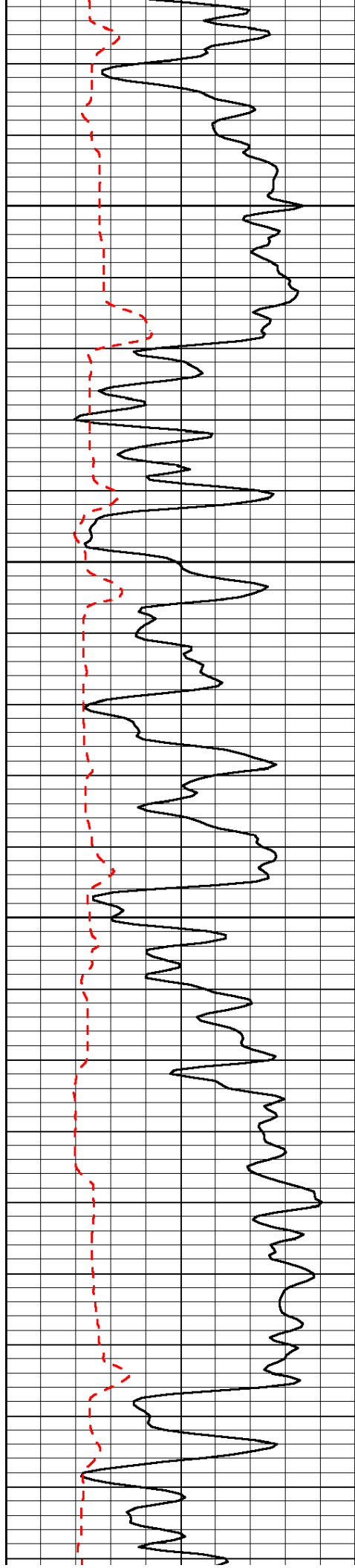


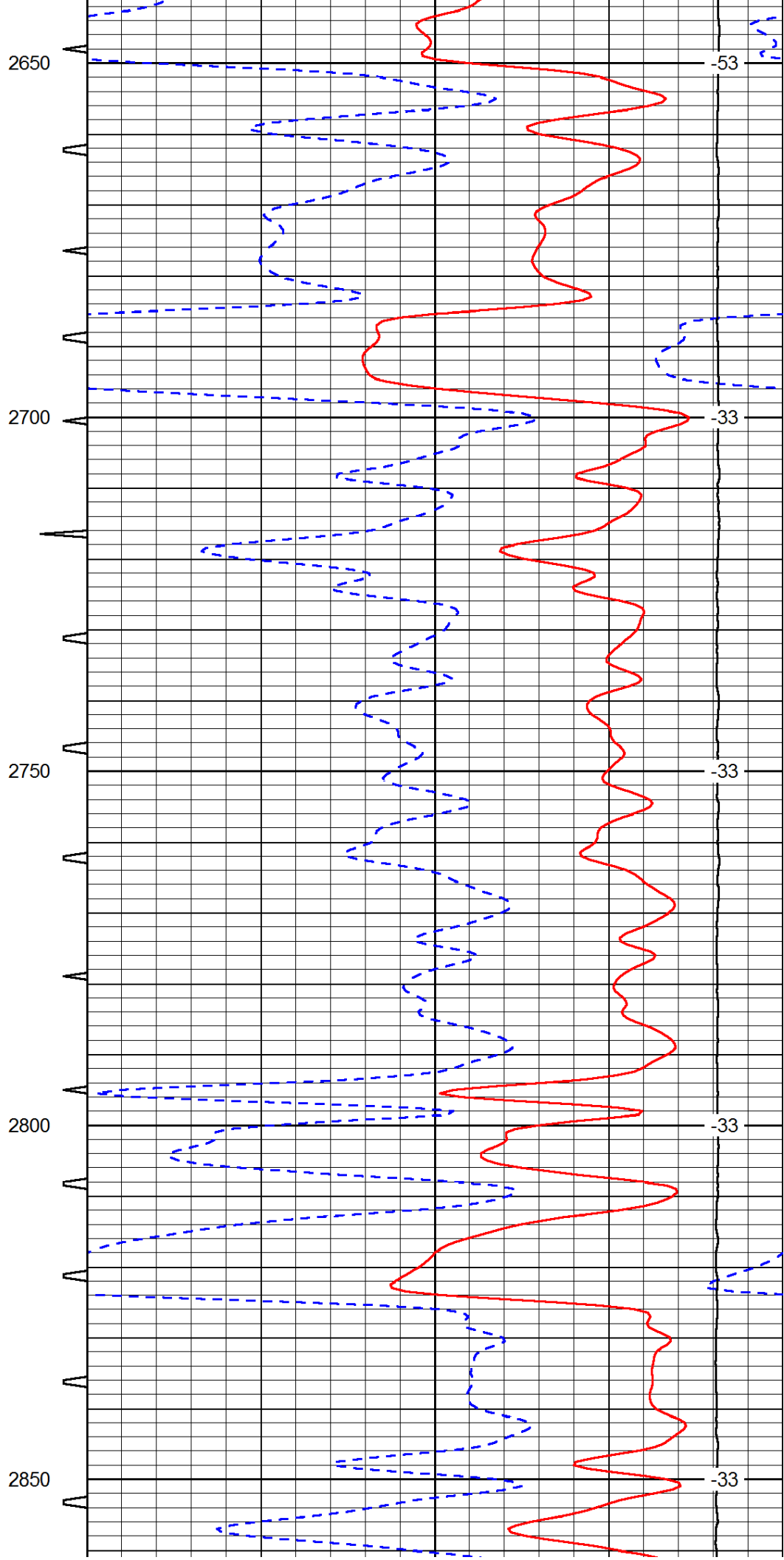
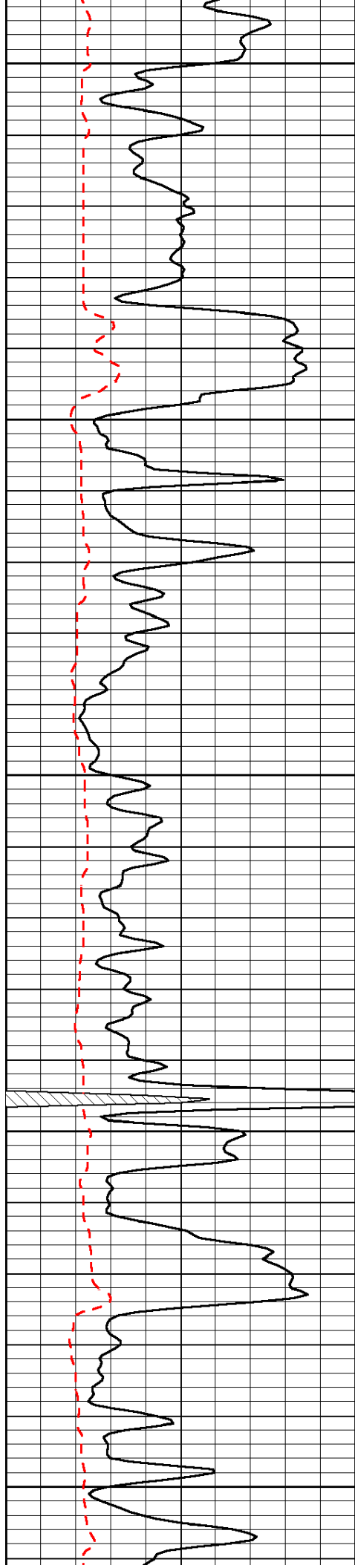


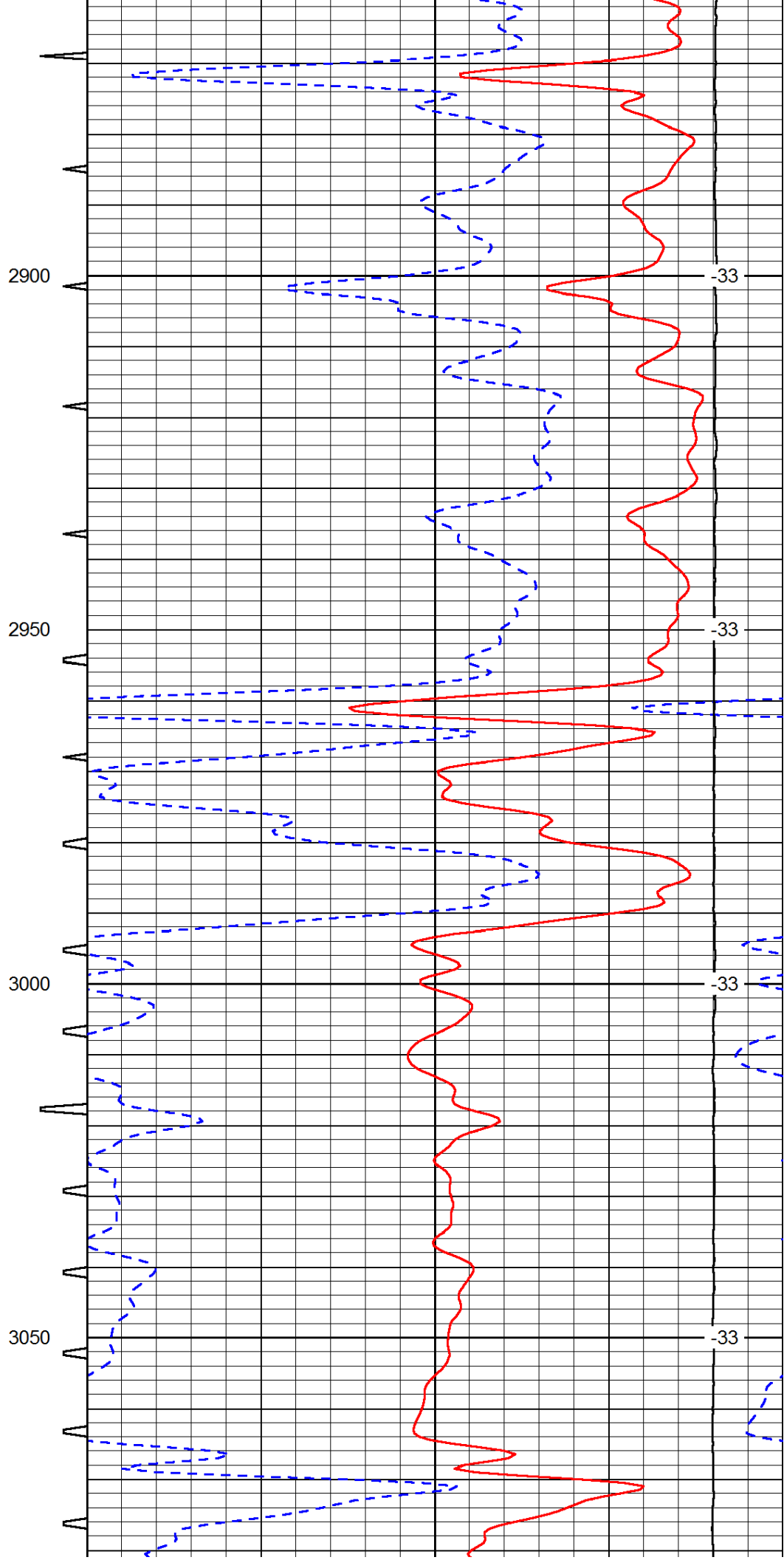
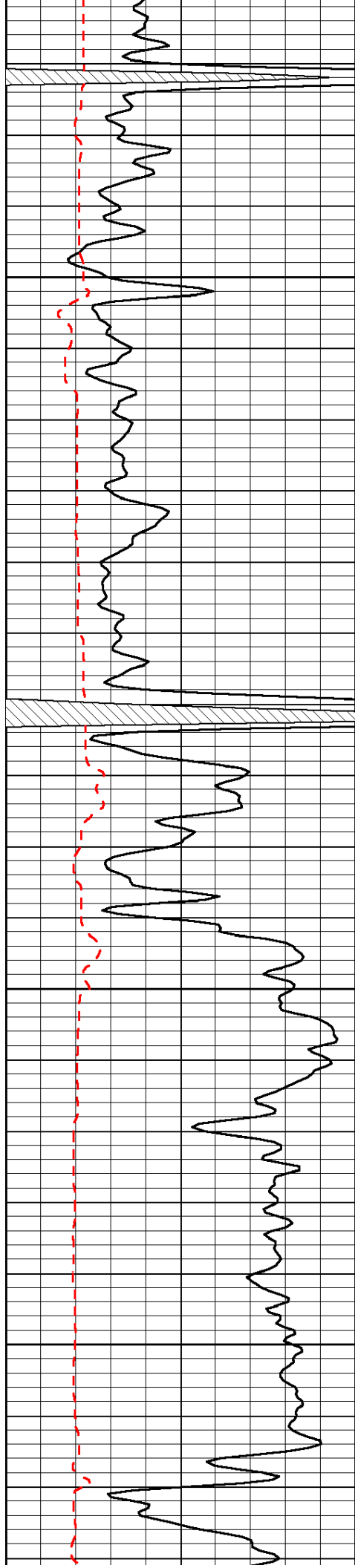


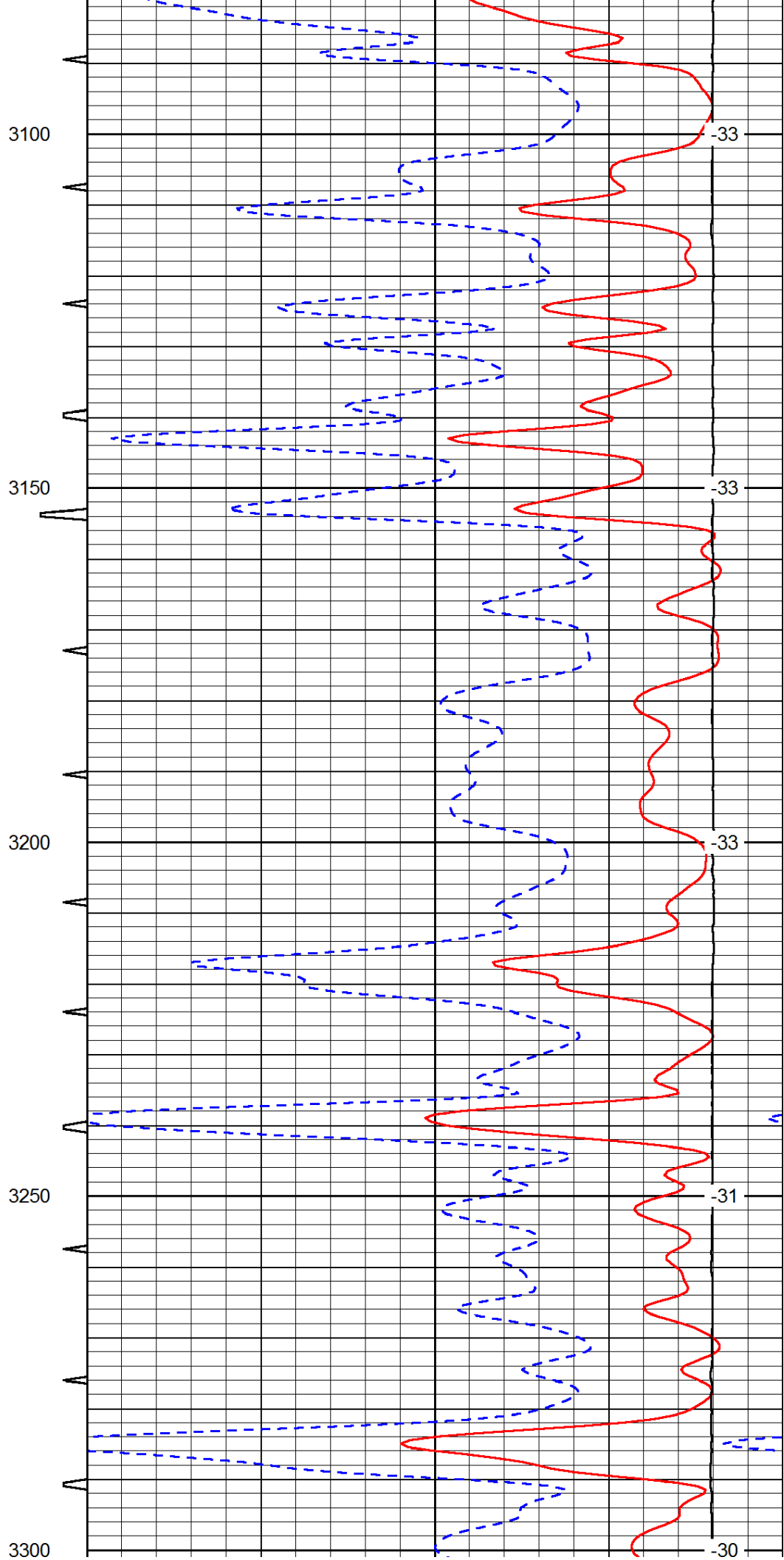
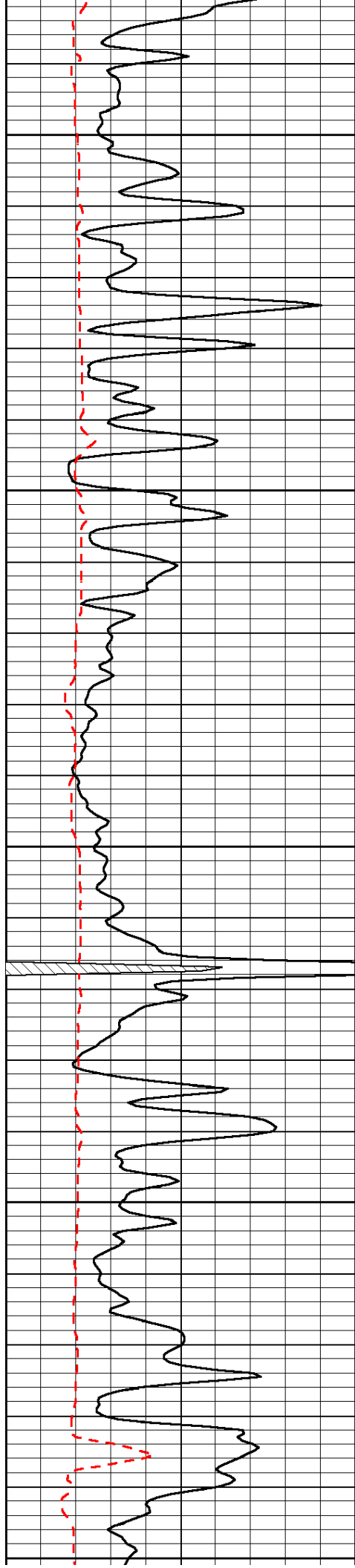


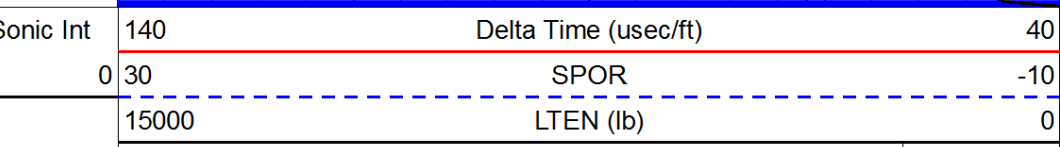
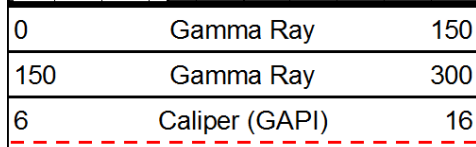












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