



Pioneer Energy Services

Borehole Compensated Sonic Log

API No.

15-135-25439-00-00

Company **H&C Oil Operating, Inc.**

Well Dinges #19-1

Field Wildcat

County

Nes

State Kansas

Sec:

Twp: 17S

Page: 26

Elevation

Permanent Datum	Ground Level	Elevation 2527
Log Measured From	Kelly Bushing	8 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Date	8/5/20
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Type Log	BHC S
...	...

Depth Logger	454
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Top Logged Interval	200
1	200

Salinity, PPM CL	600
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Level	Fu
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Operating Rig Time	5 Ho
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Recorded By	D. Sch
Witnessed By	Mars De

Witnessed By	Marc D
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Borehole Record

Casing Record

Run No	Bit	From	To
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ToWgt.

From

To

Two	7.875	211	TD
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TD

1

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1

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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.

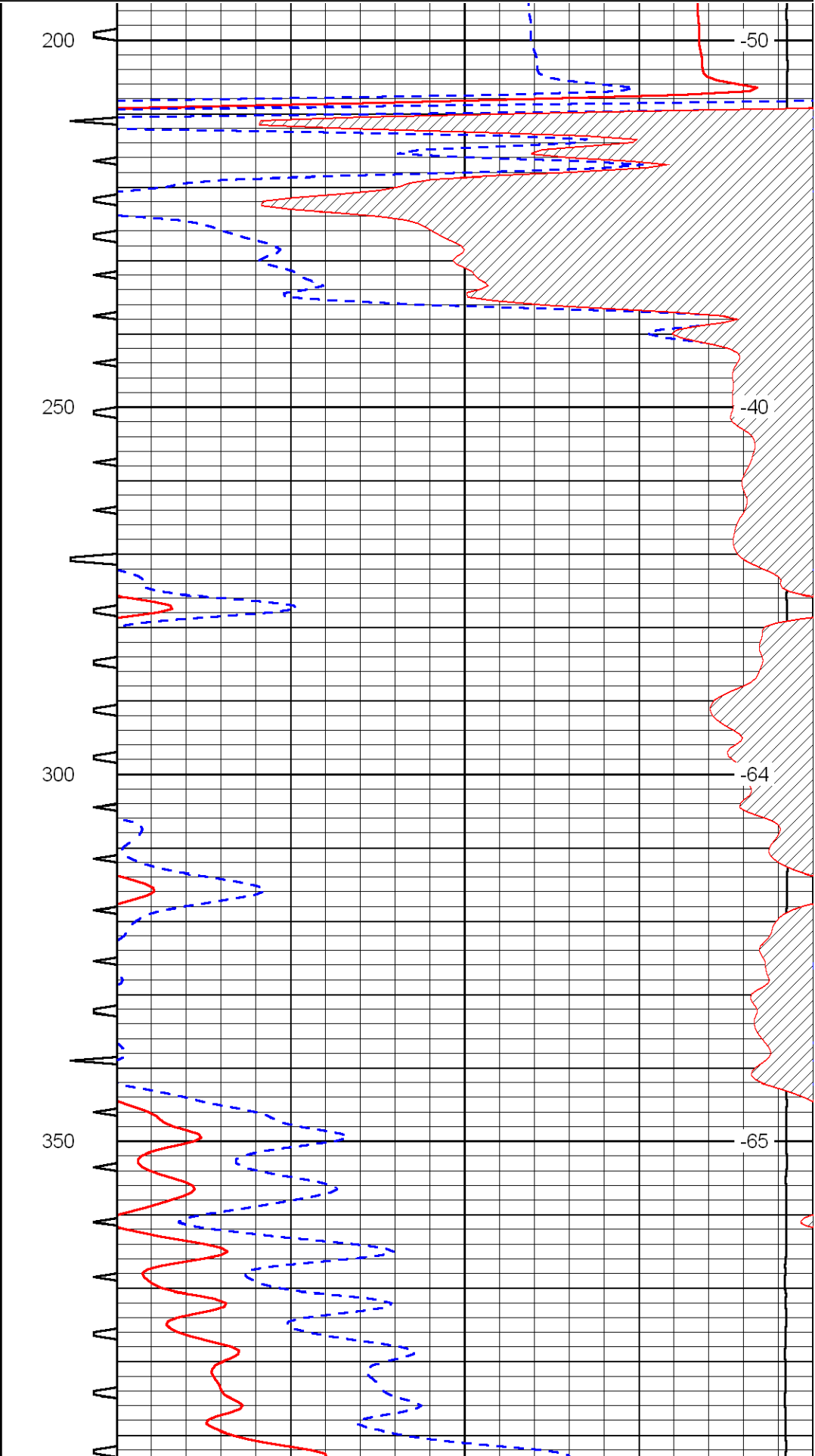
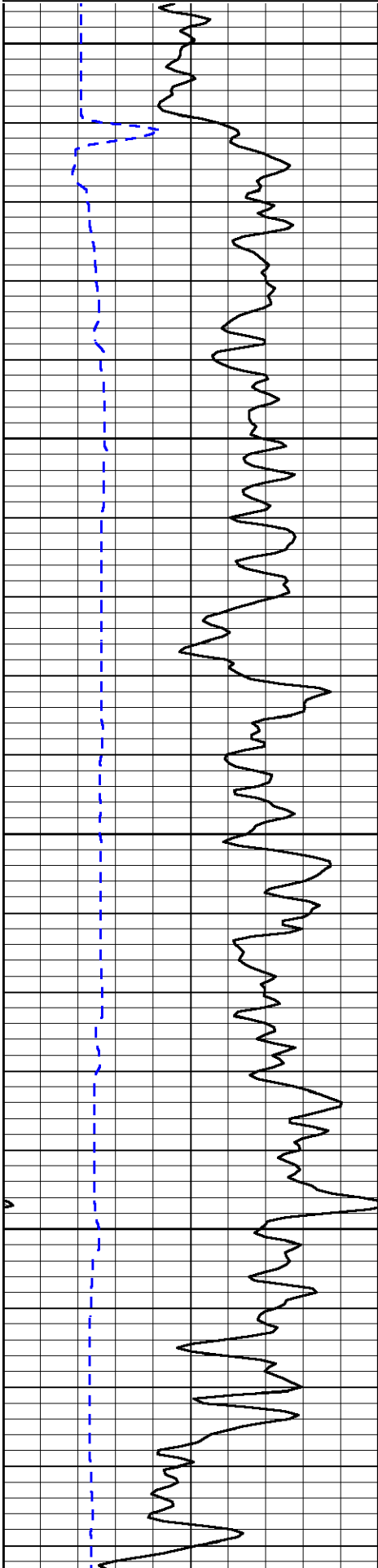
Comments

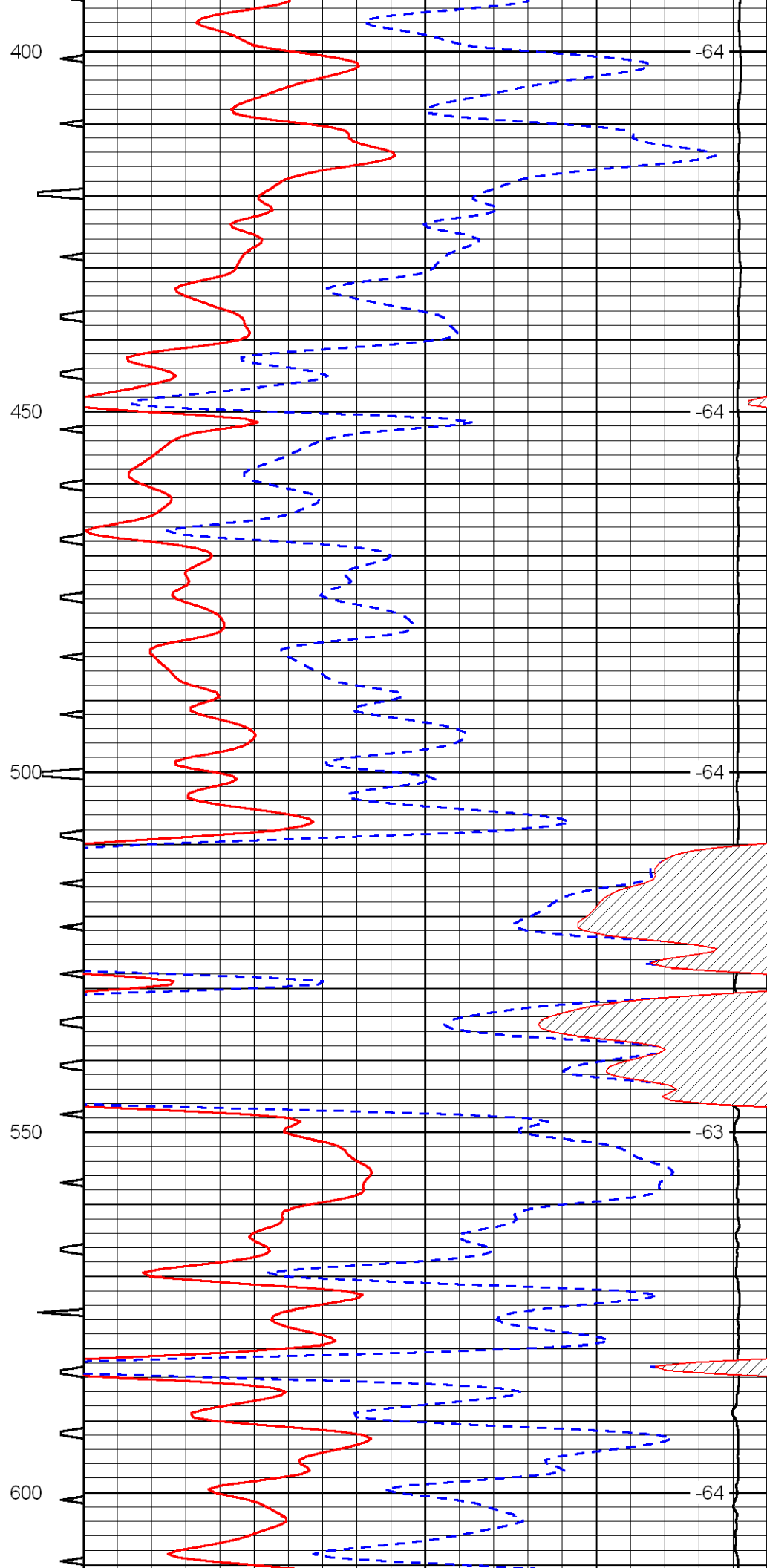
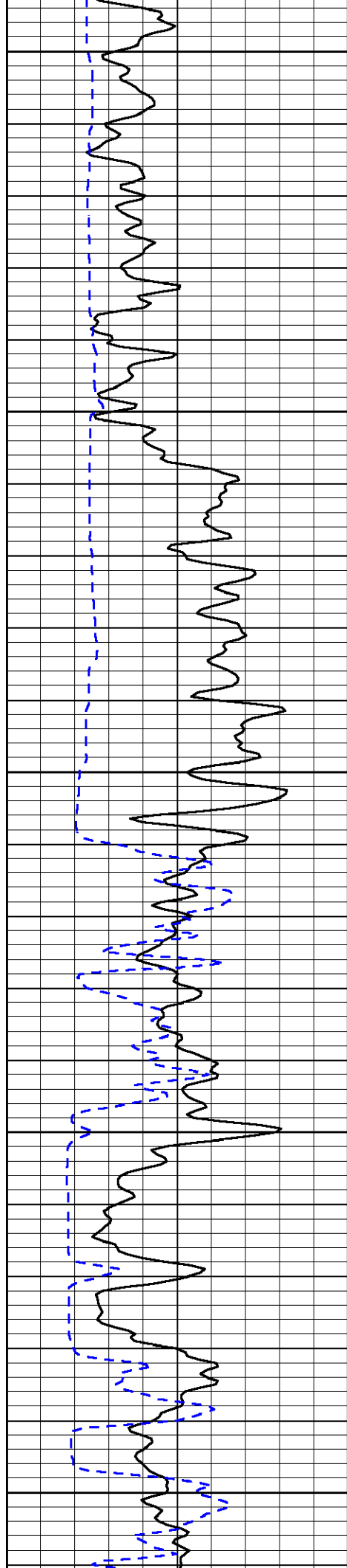
Thank you for using Log-Tech, Inc.
(785) 625-3858

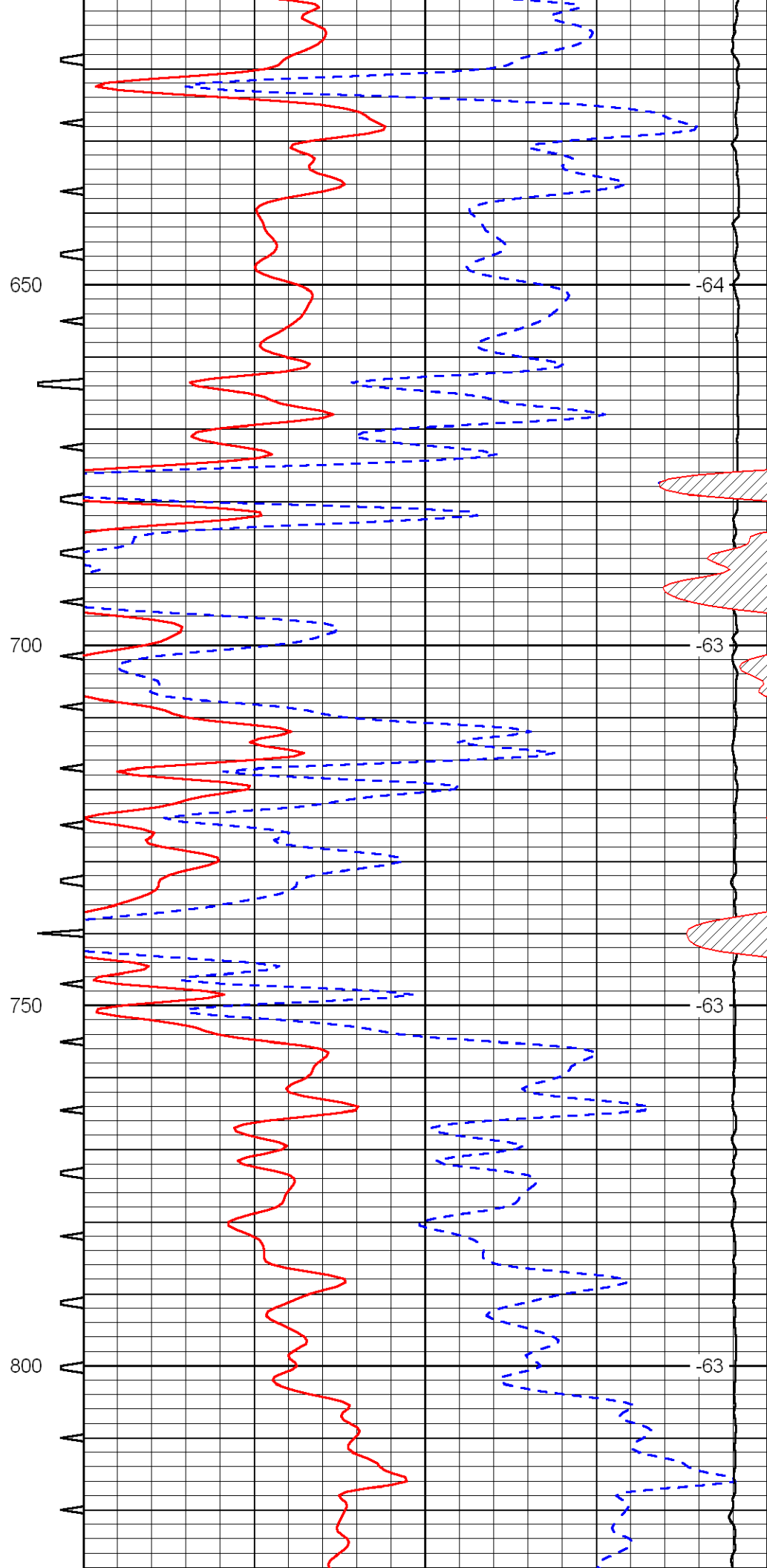
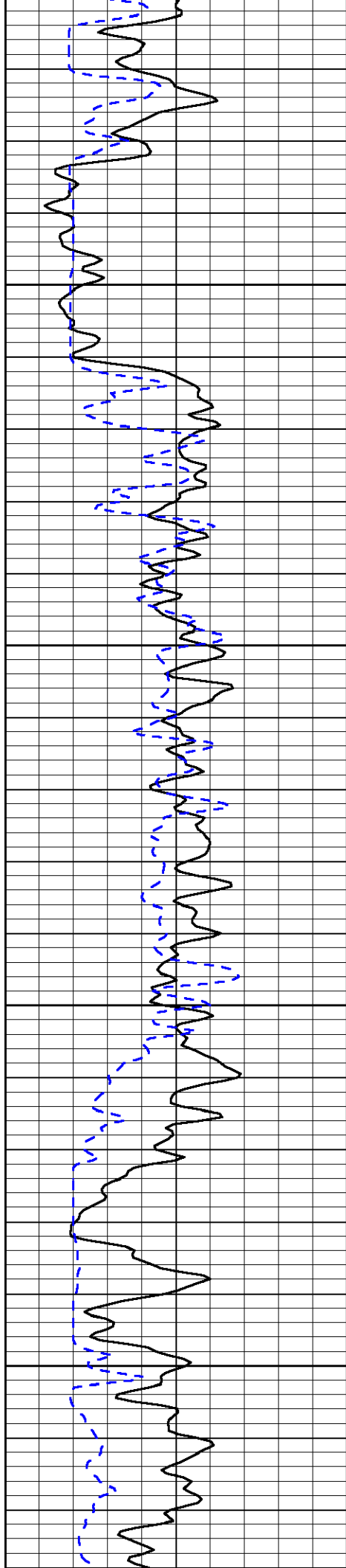
Utica,
2 West to B Rd, 4 South to 220 Rd, 1 West to A Rd, 1 3/4 South,
West into thru gate about 1 mile to location

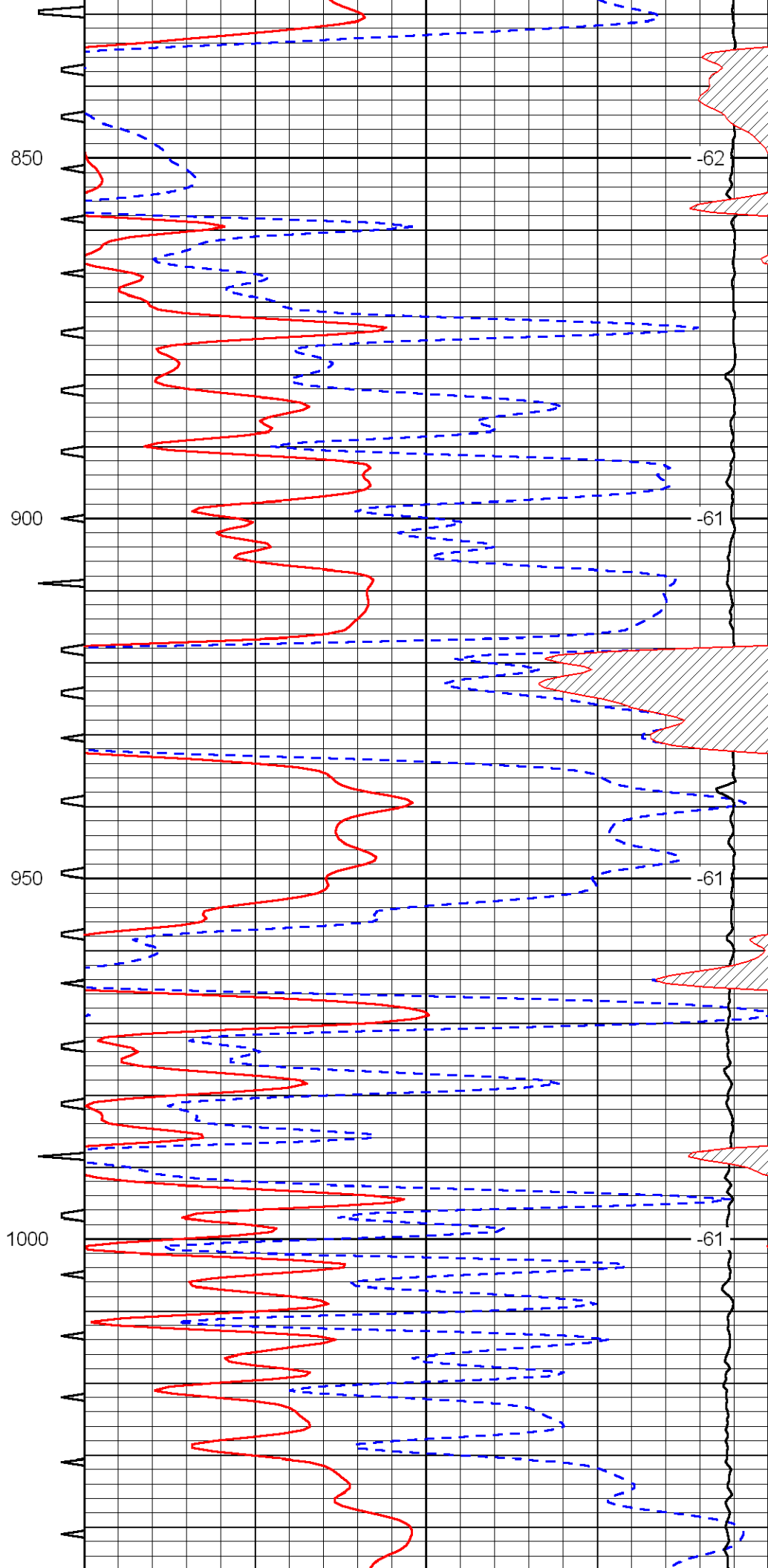
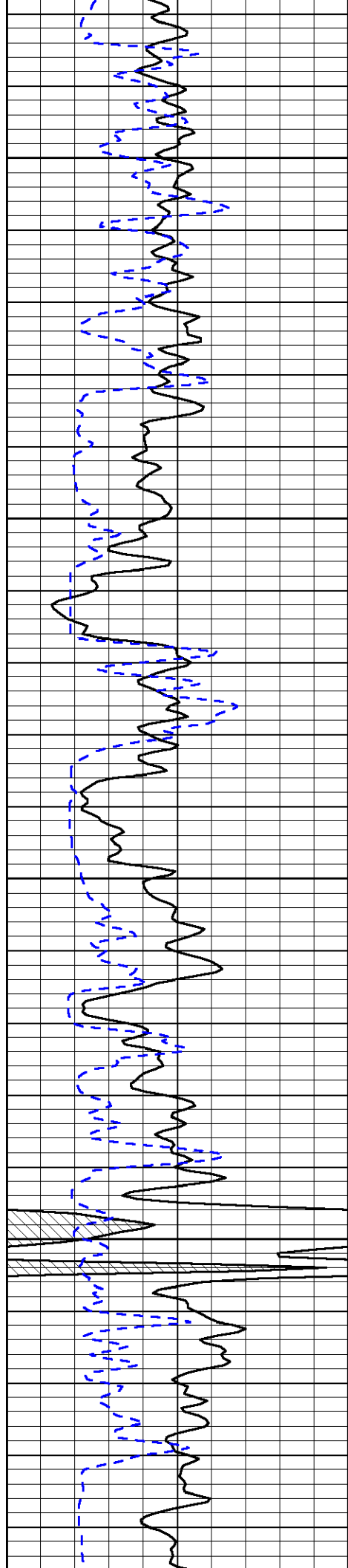
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Dataset Pathname: dil/hcstack
Presentation Format: sonic
Dataset Creation: Sun Aug 05 06:51:58 2012
Charted by: Depth in Feet scaled 1:240

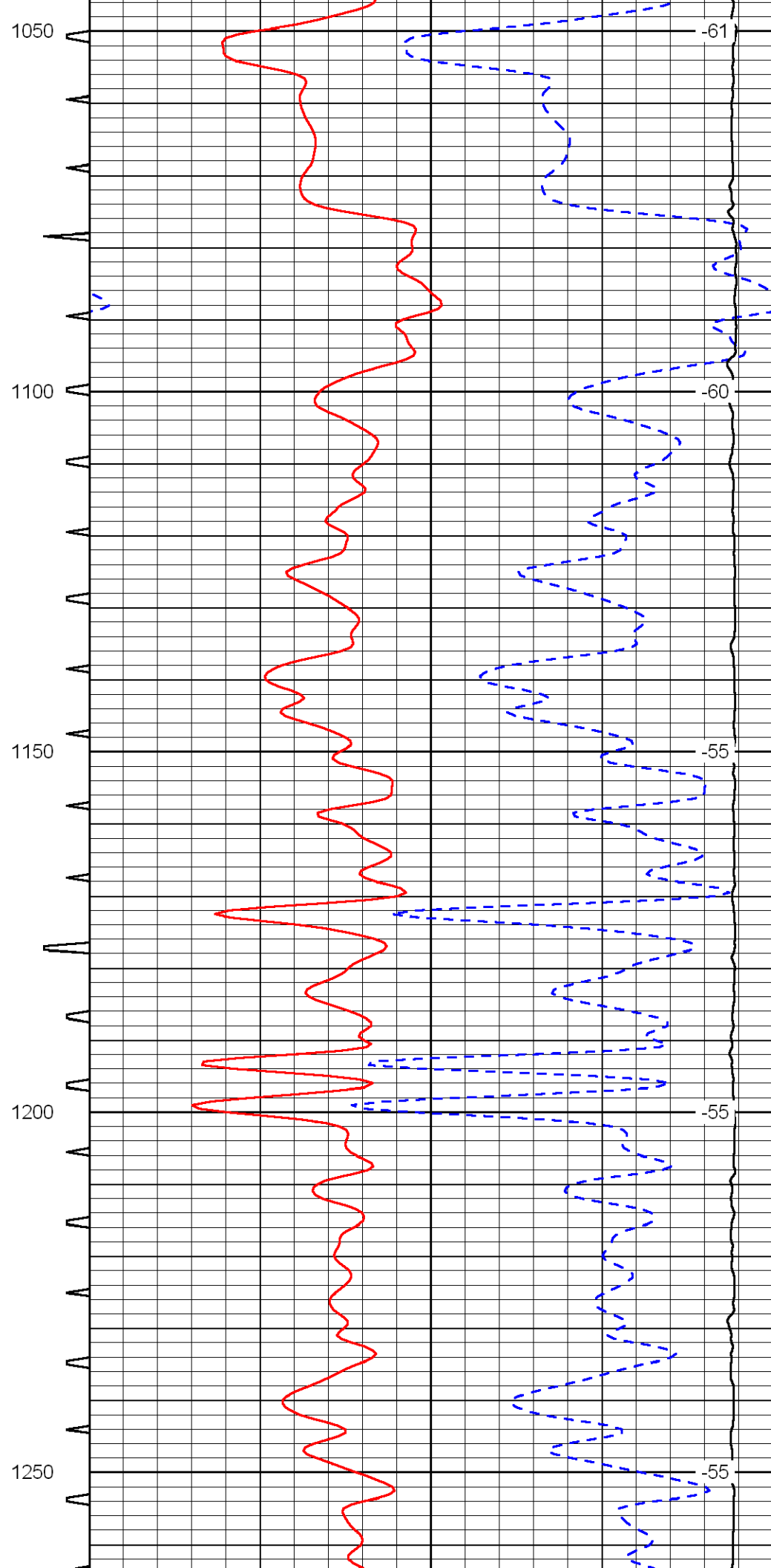
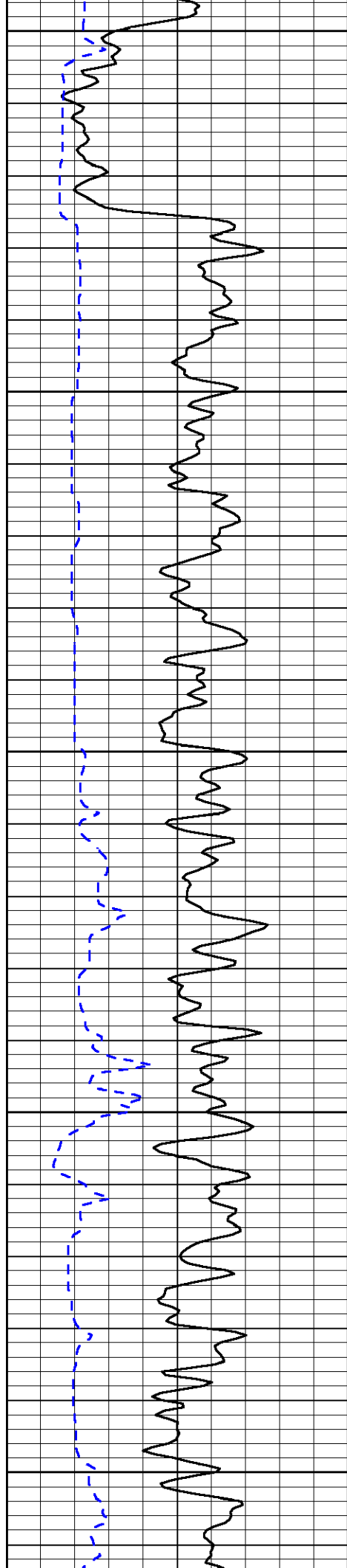
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150	Gamma Ray	300	5	0	Sonic Porosity	-10
6	dCAL (GAPI)	16		30	LTEN (lb)	0
				15000		
						LSPD

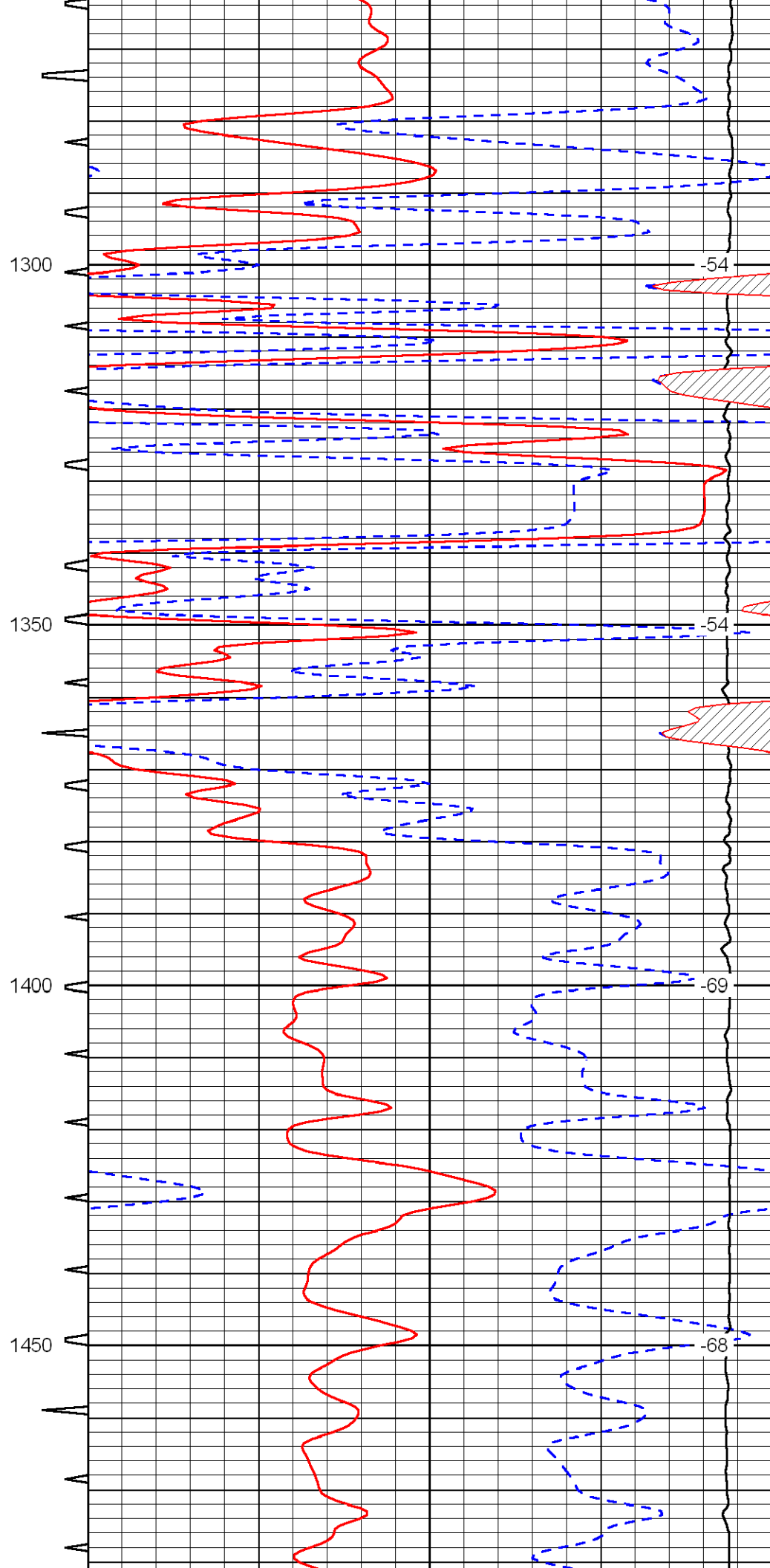
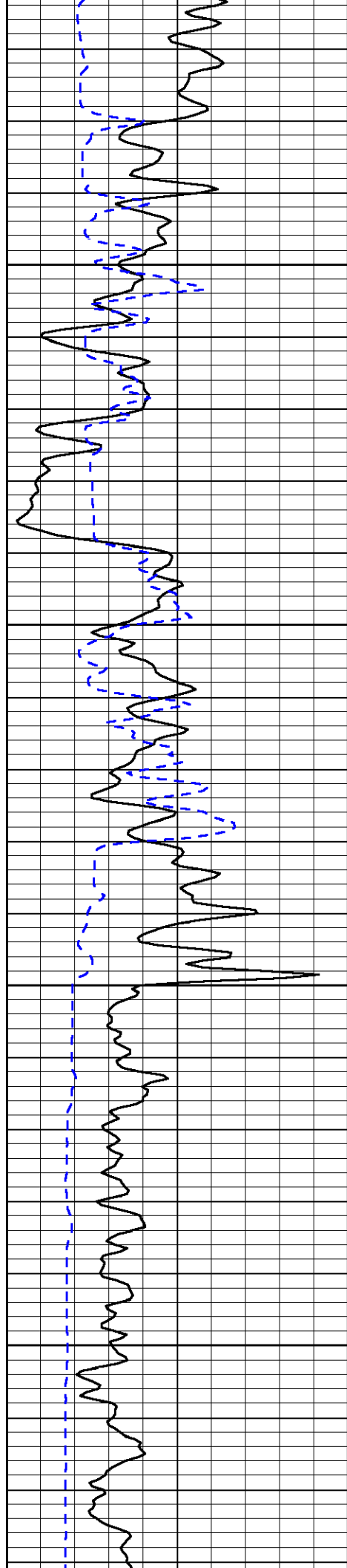


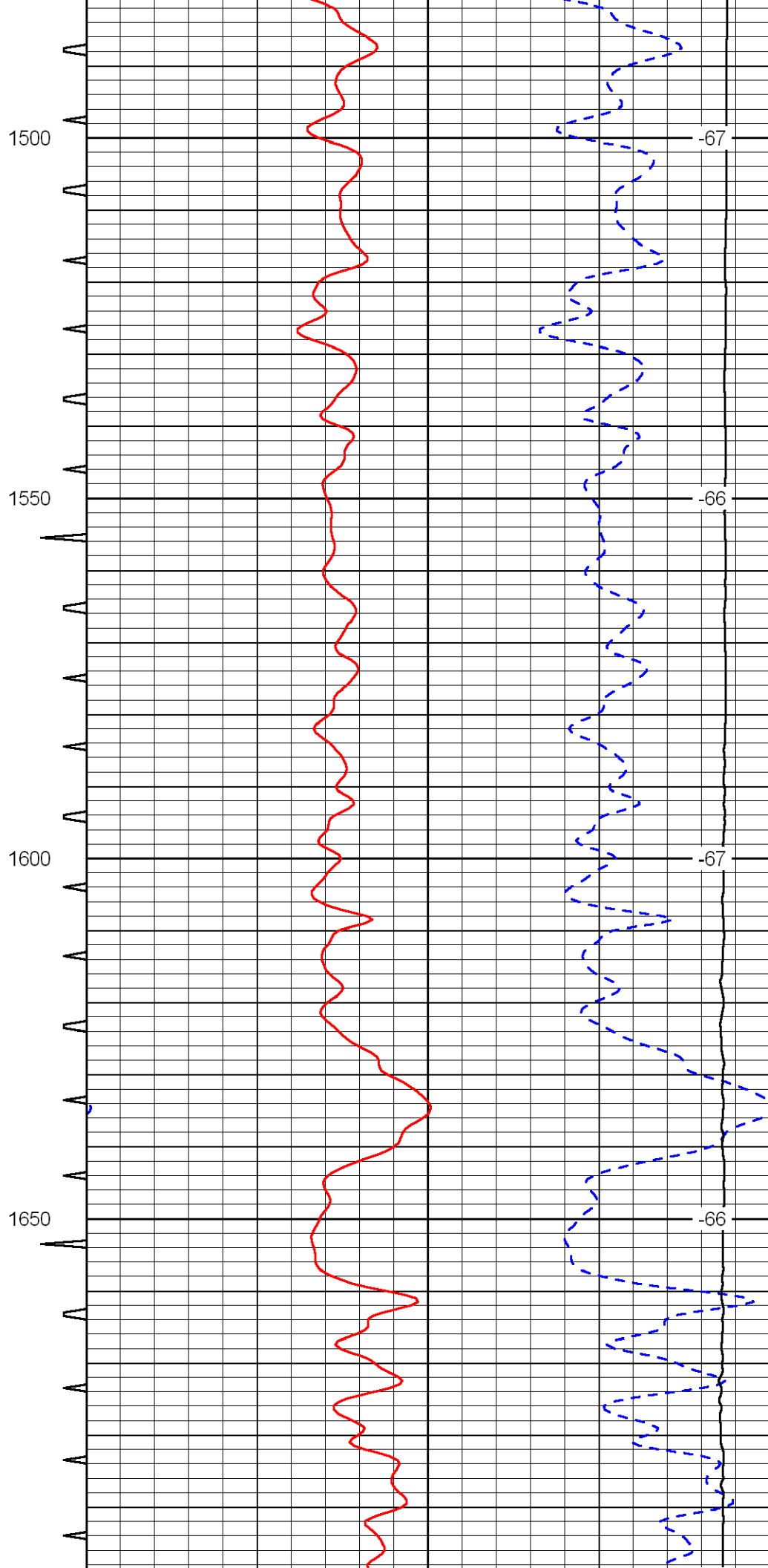
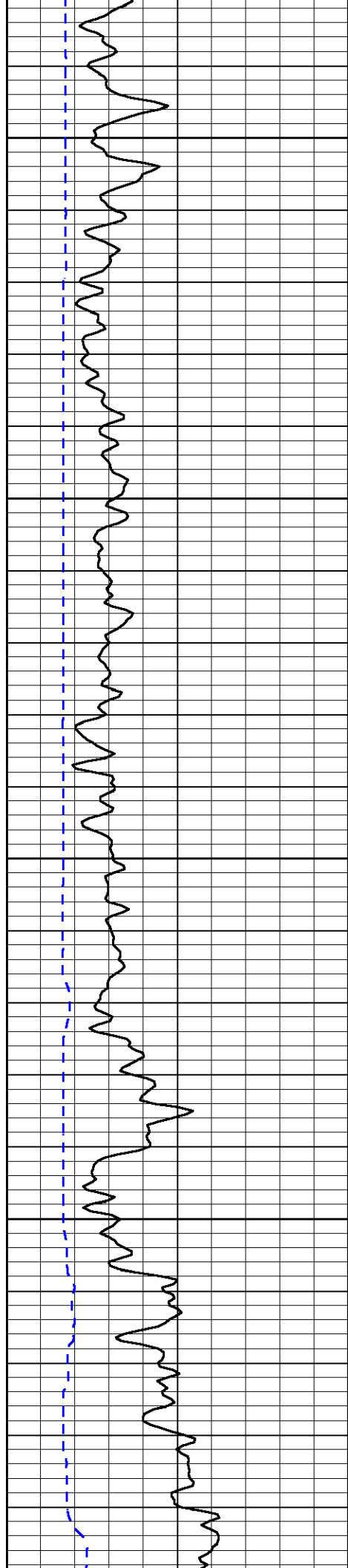


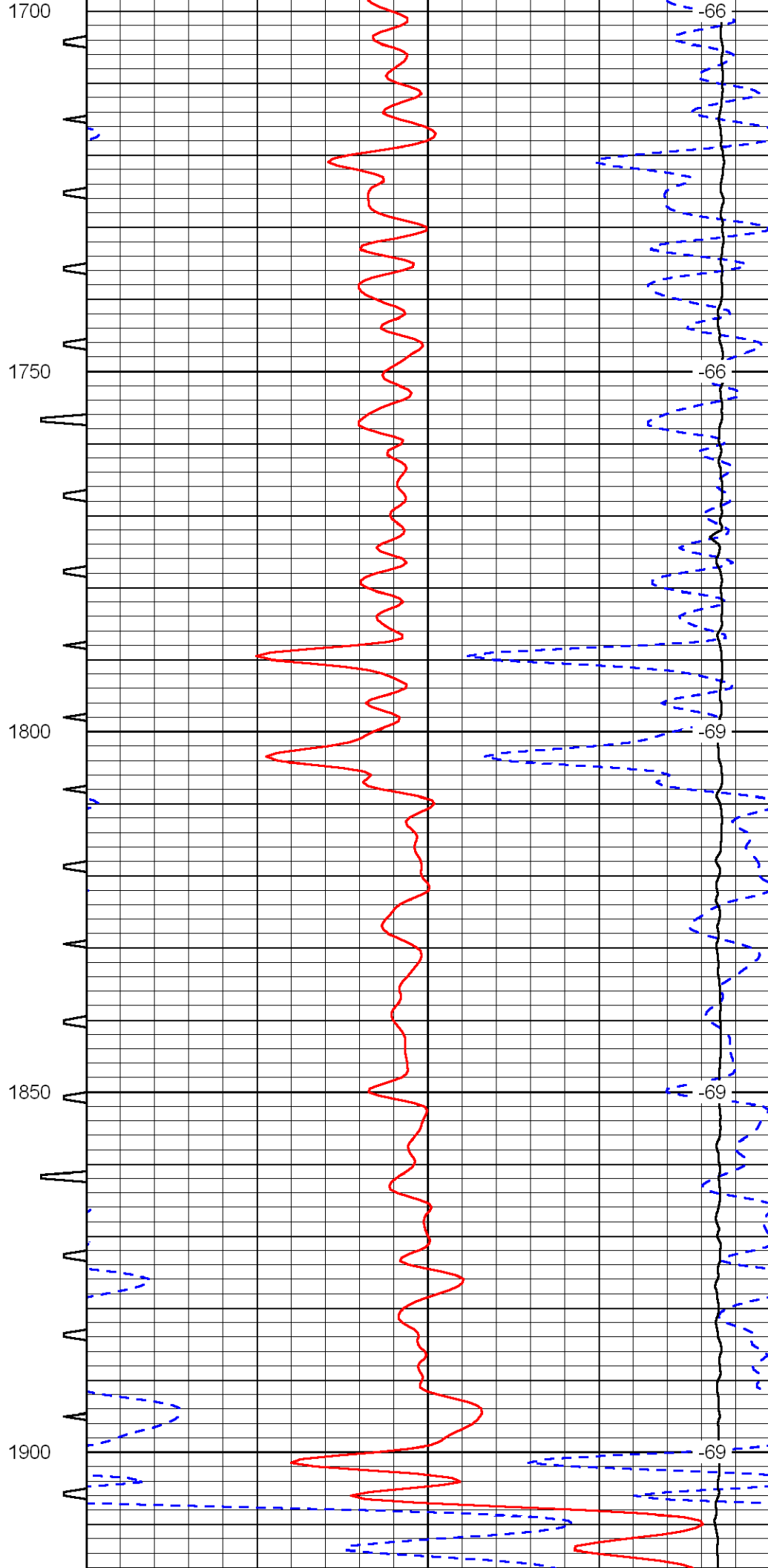
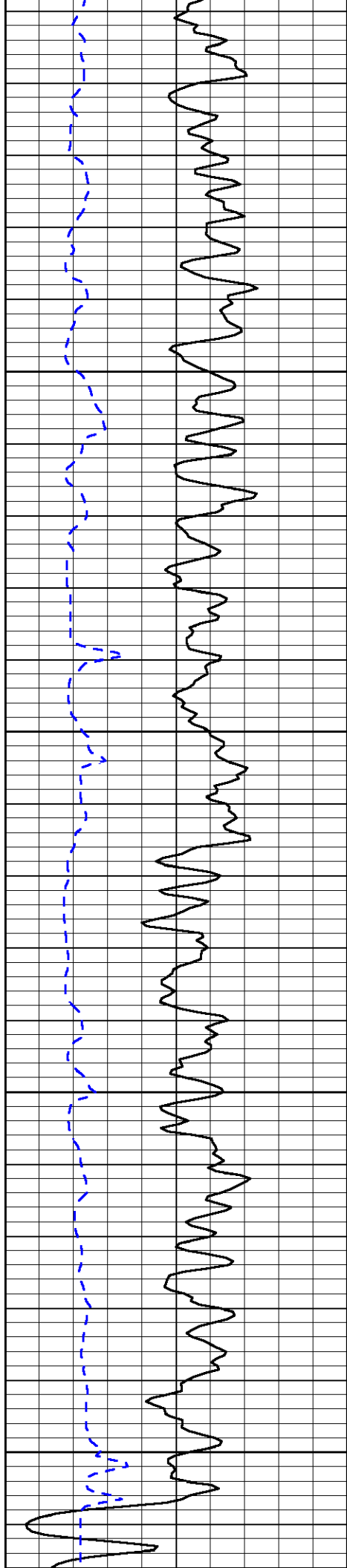


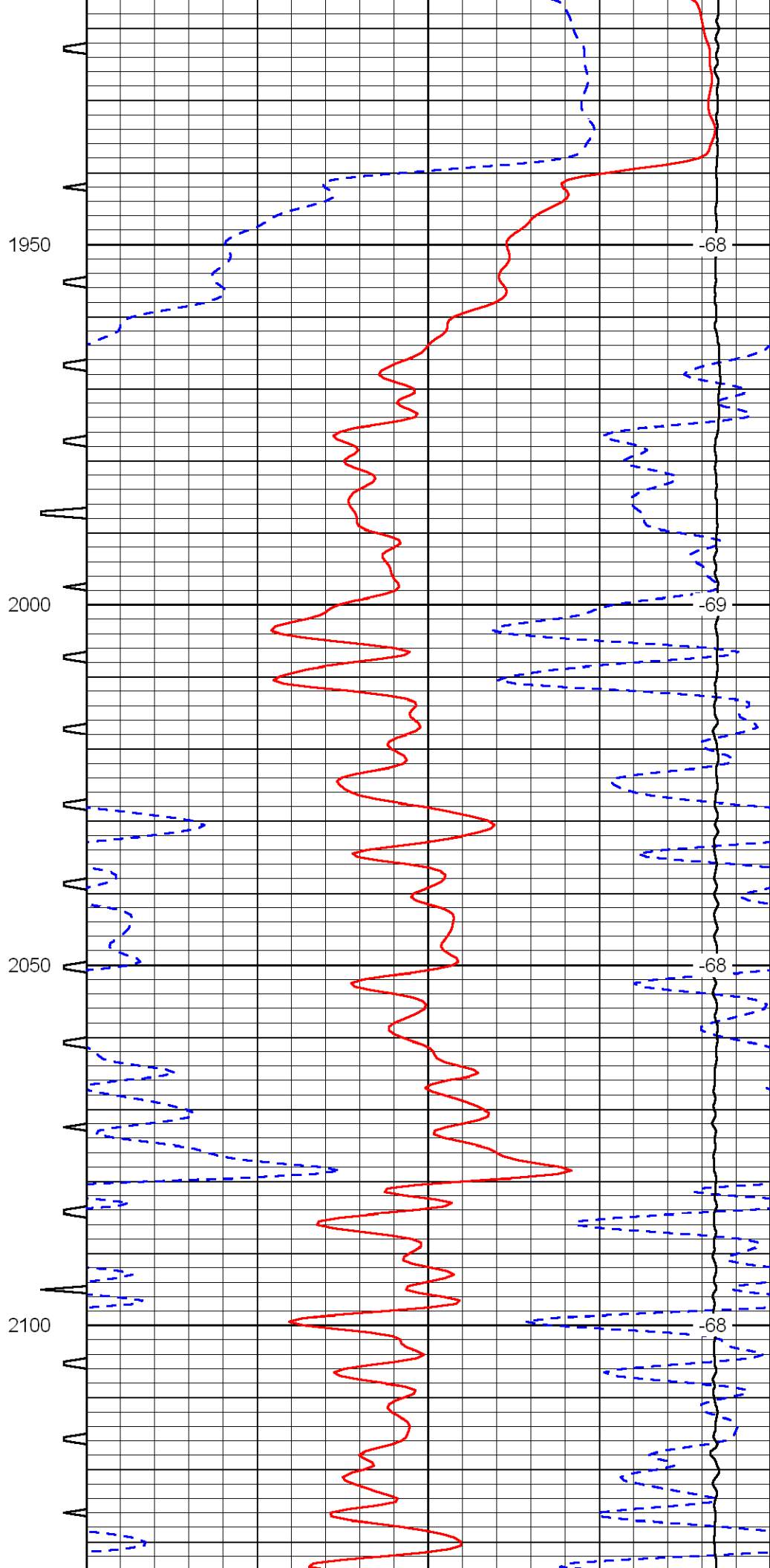
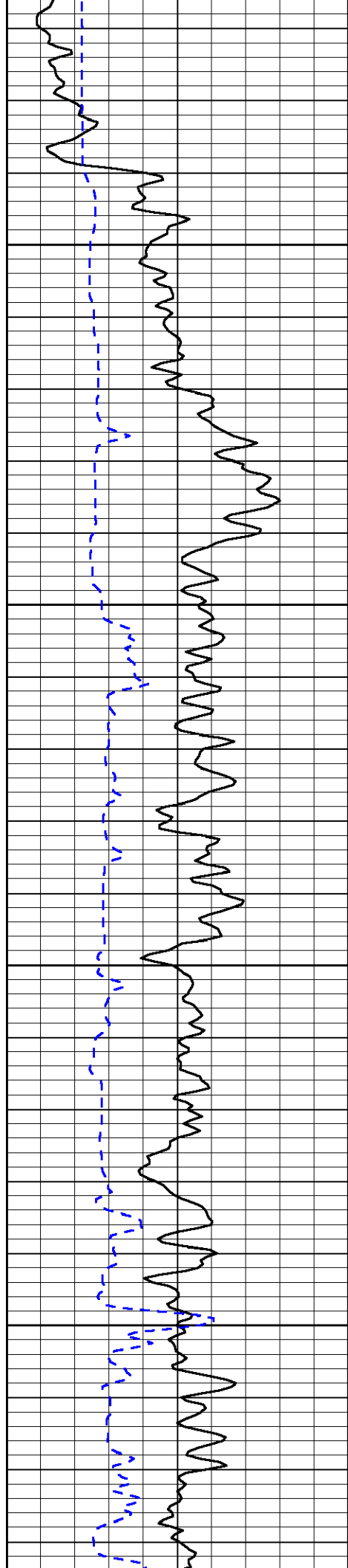


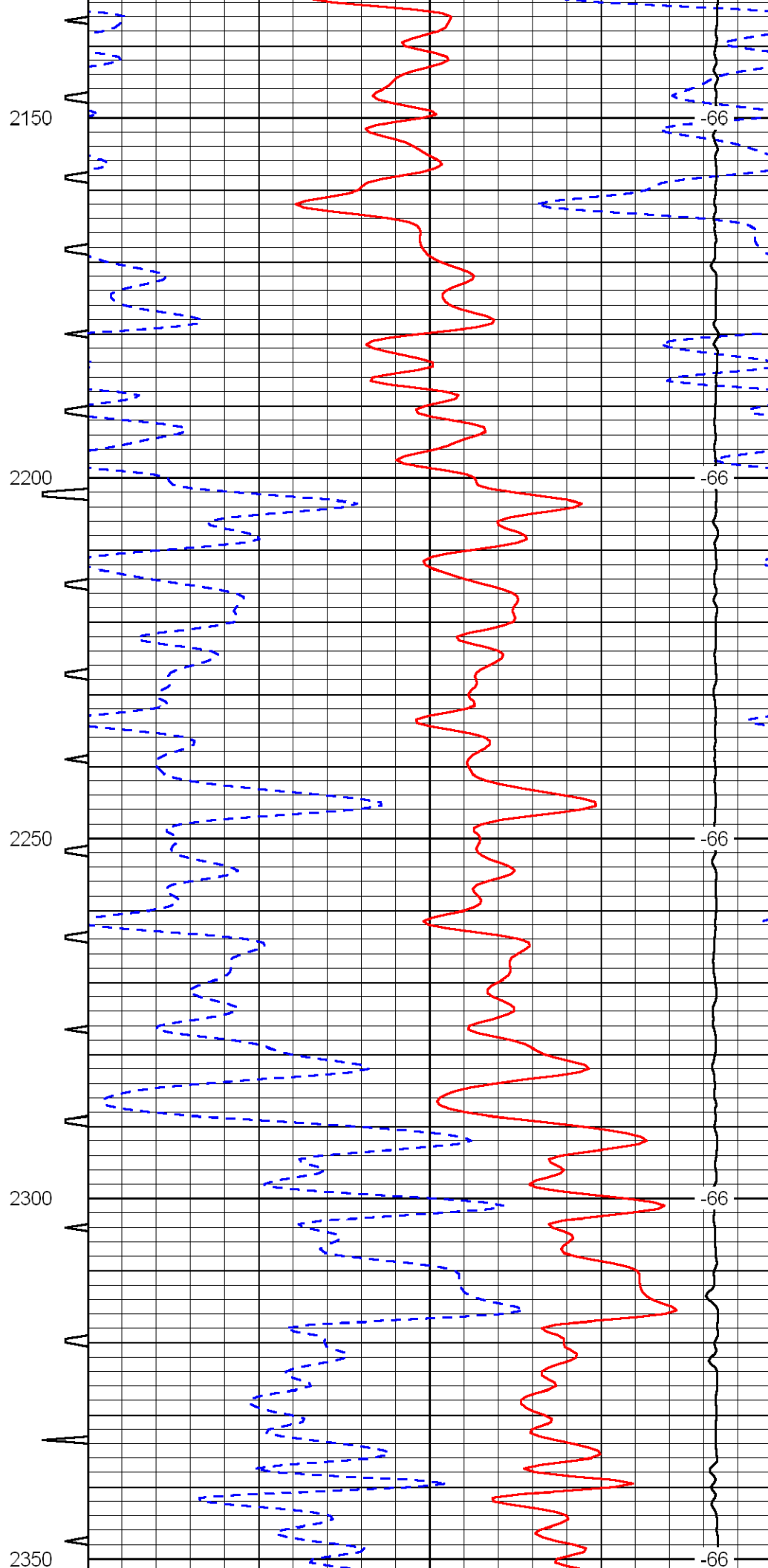
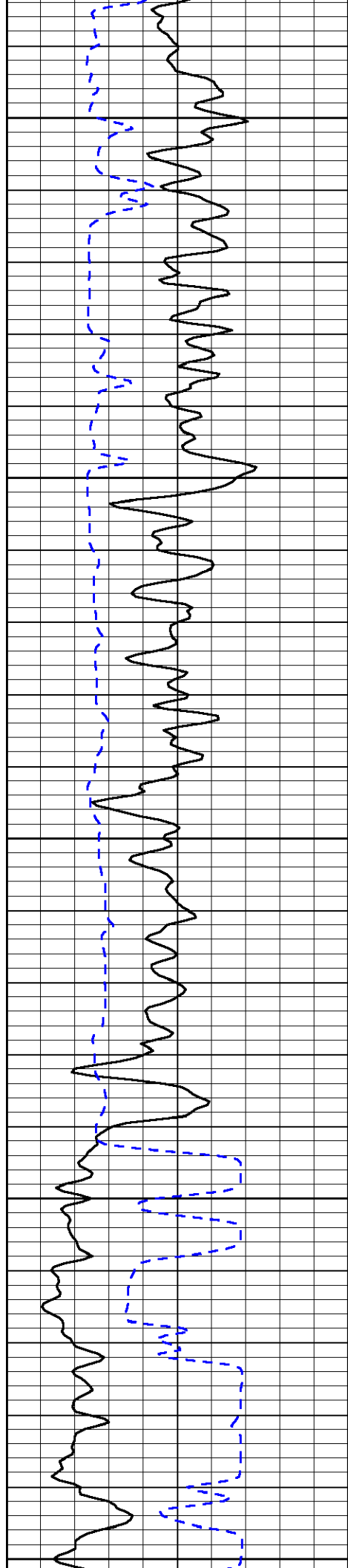


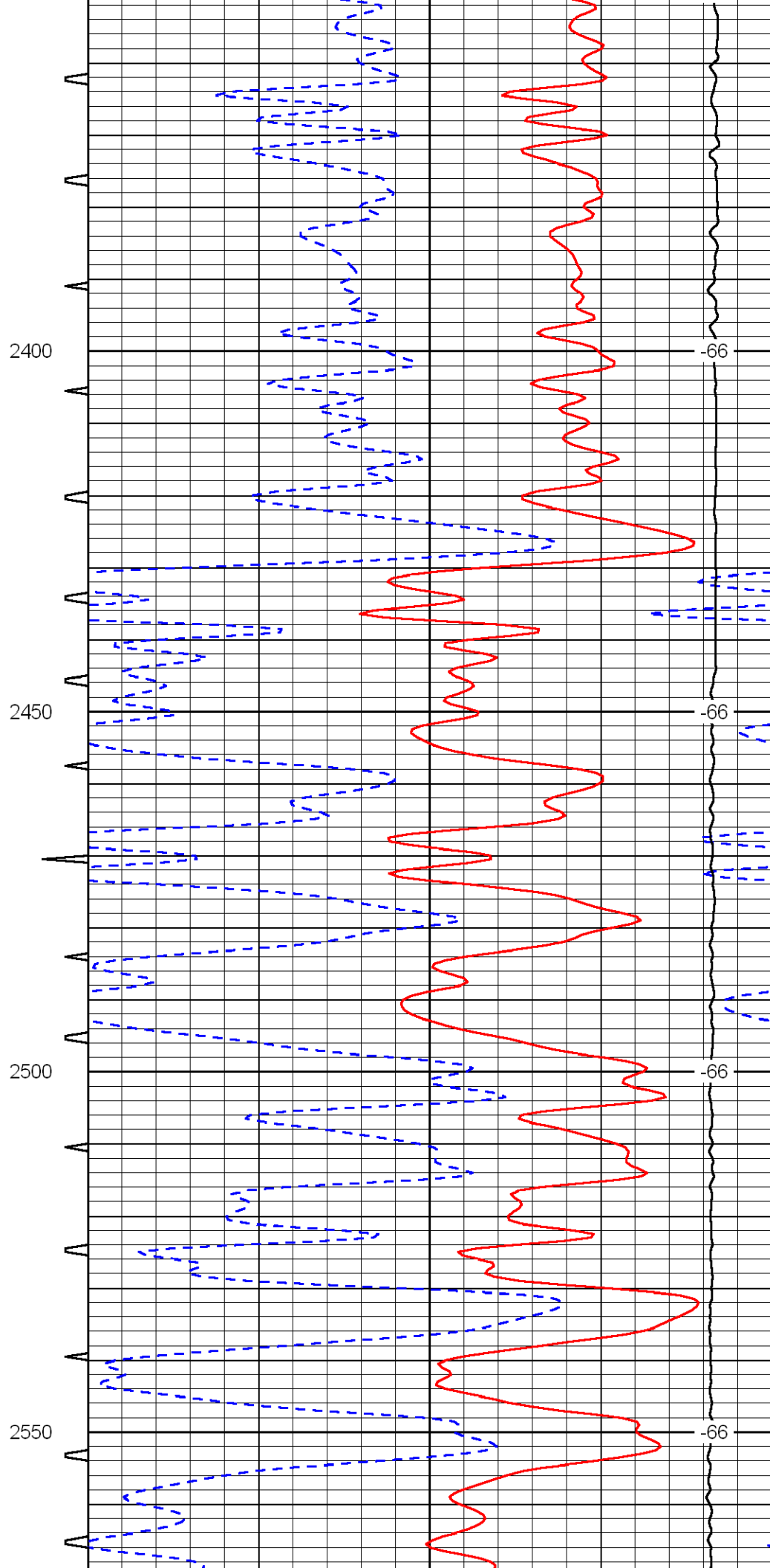
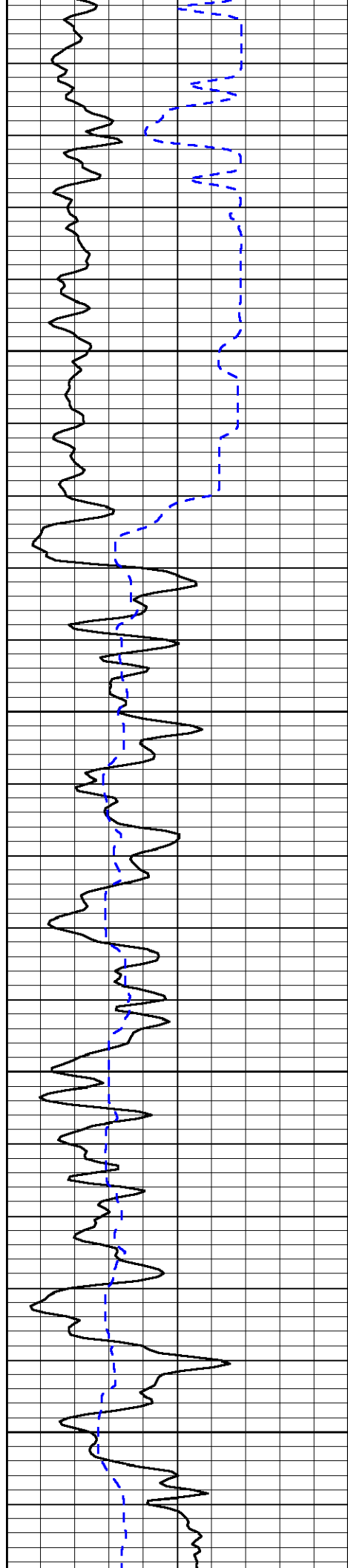


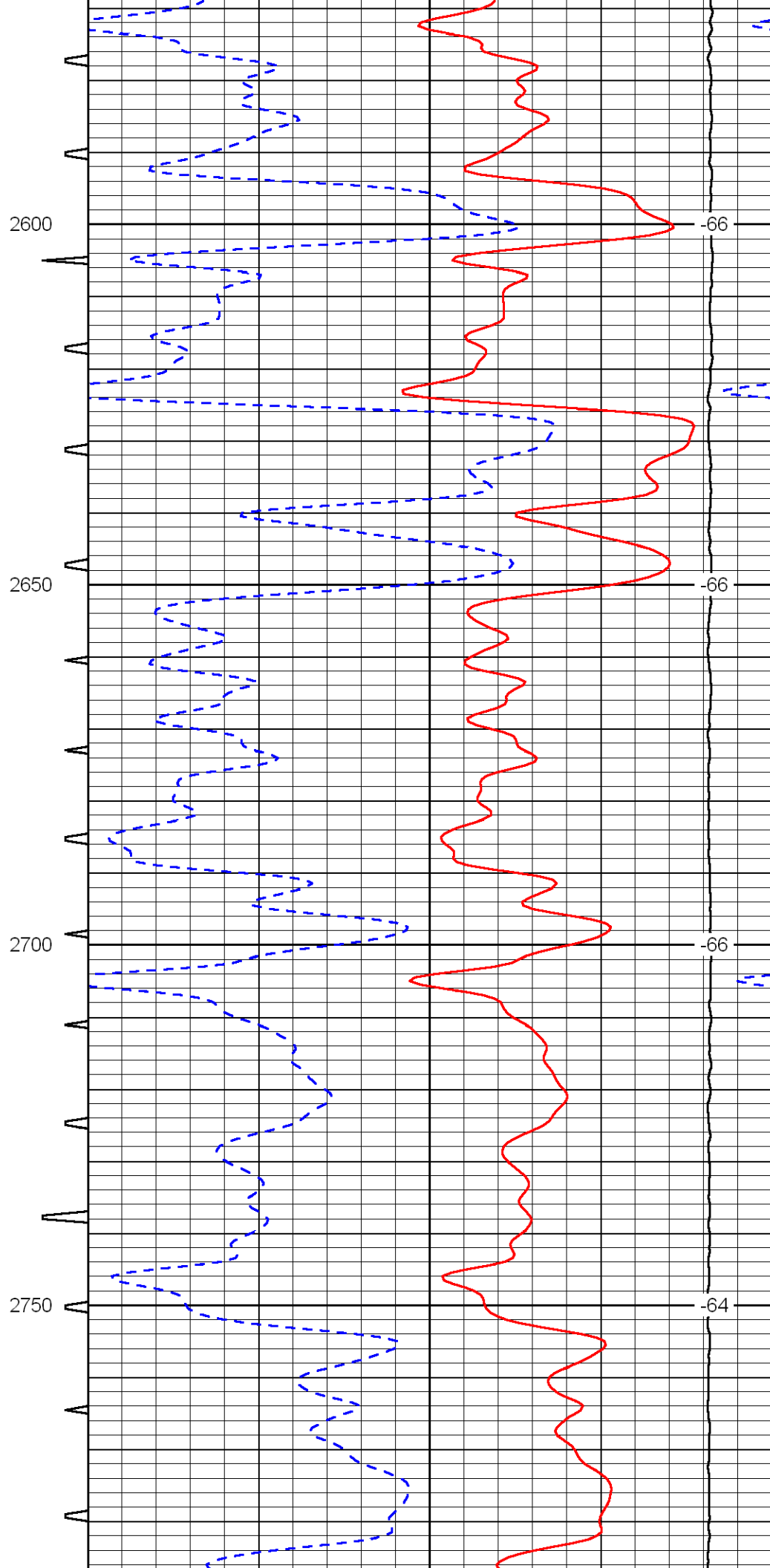
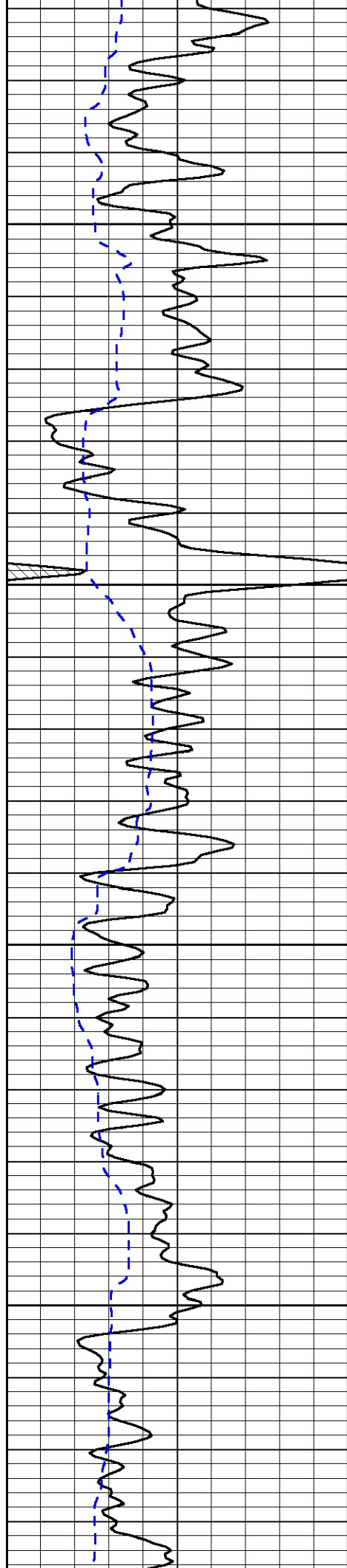


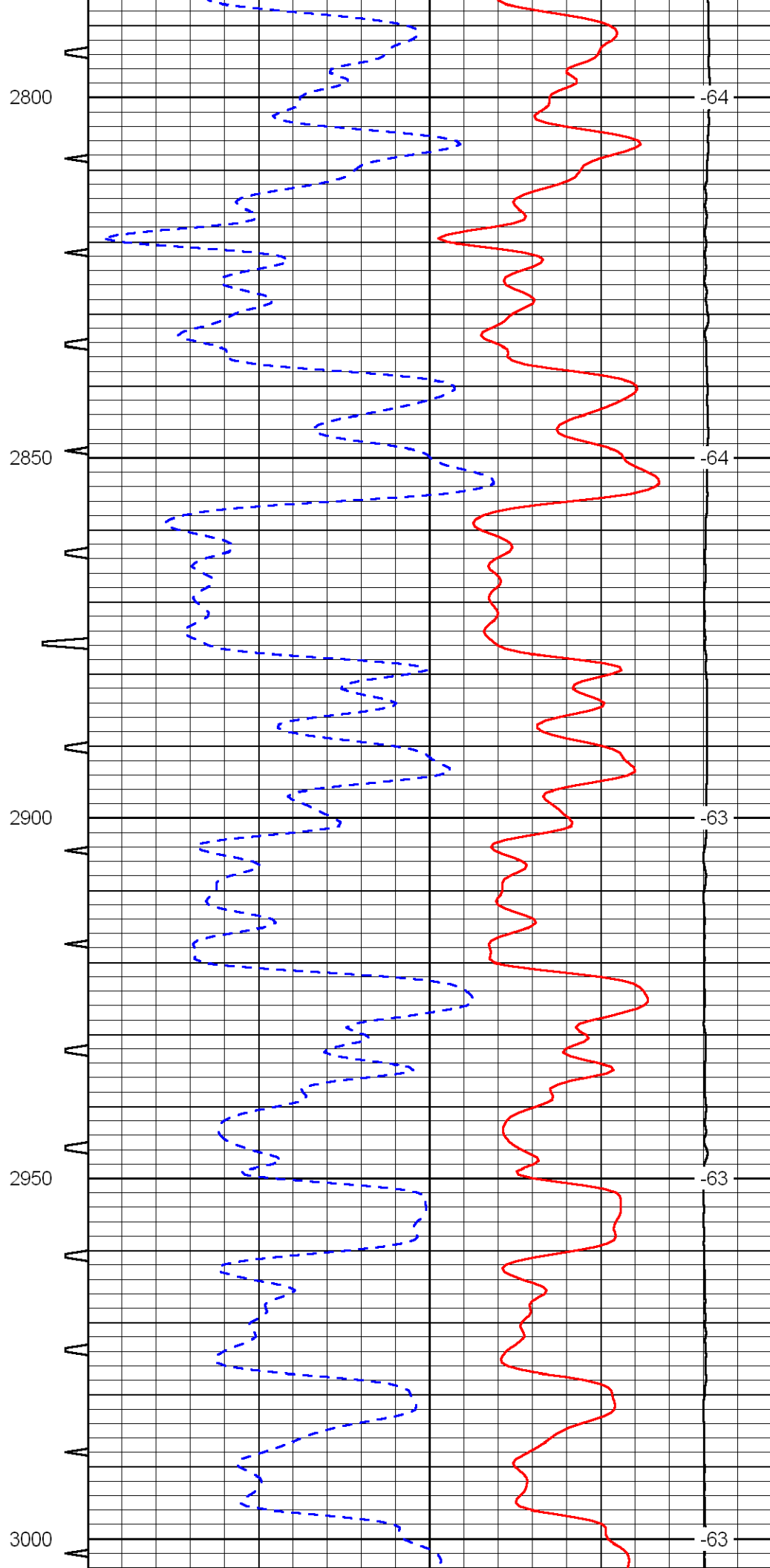
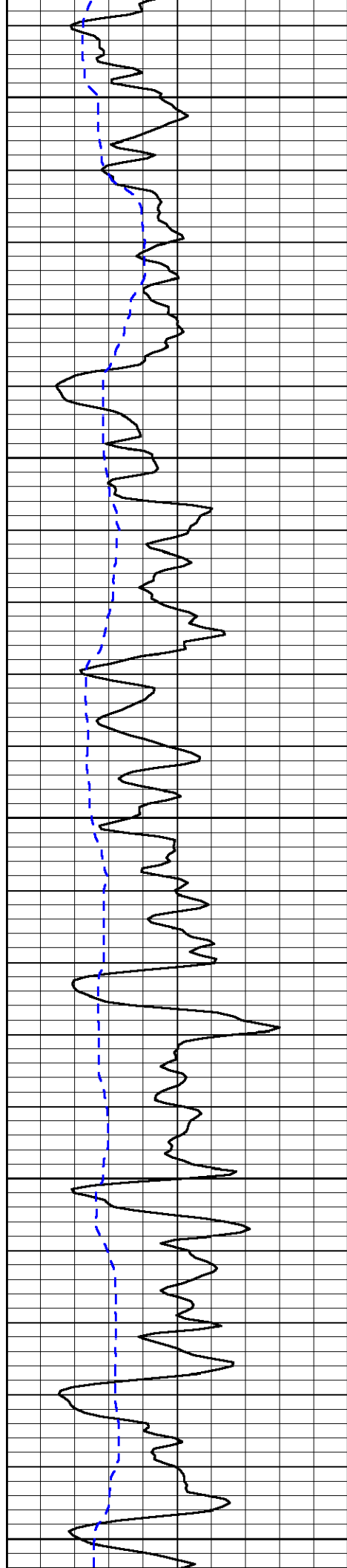


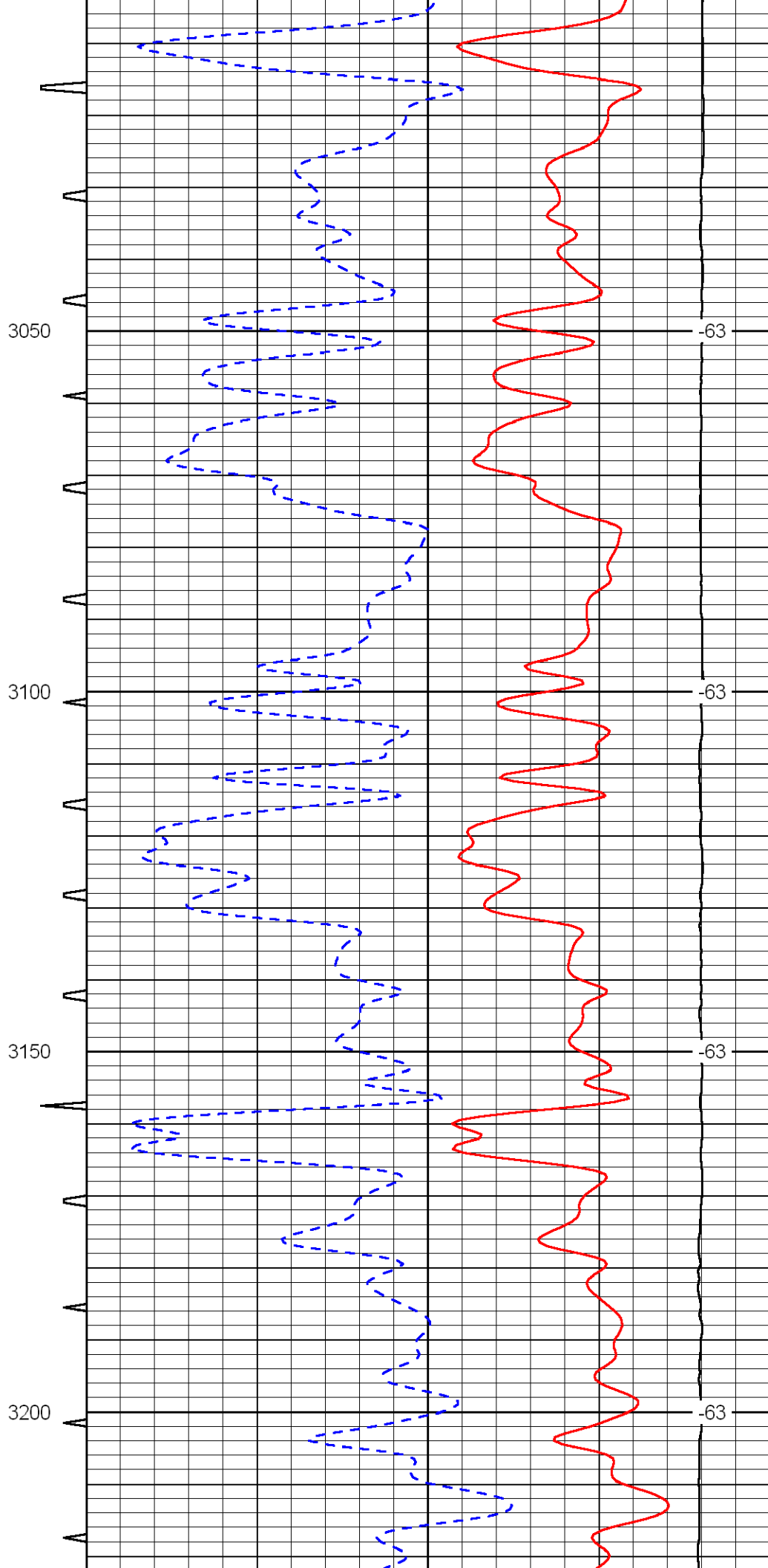
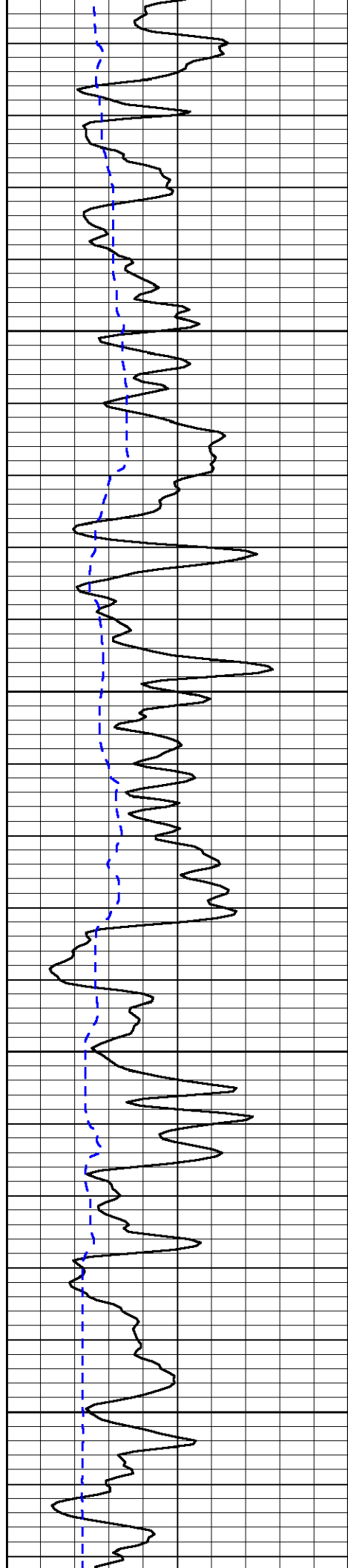


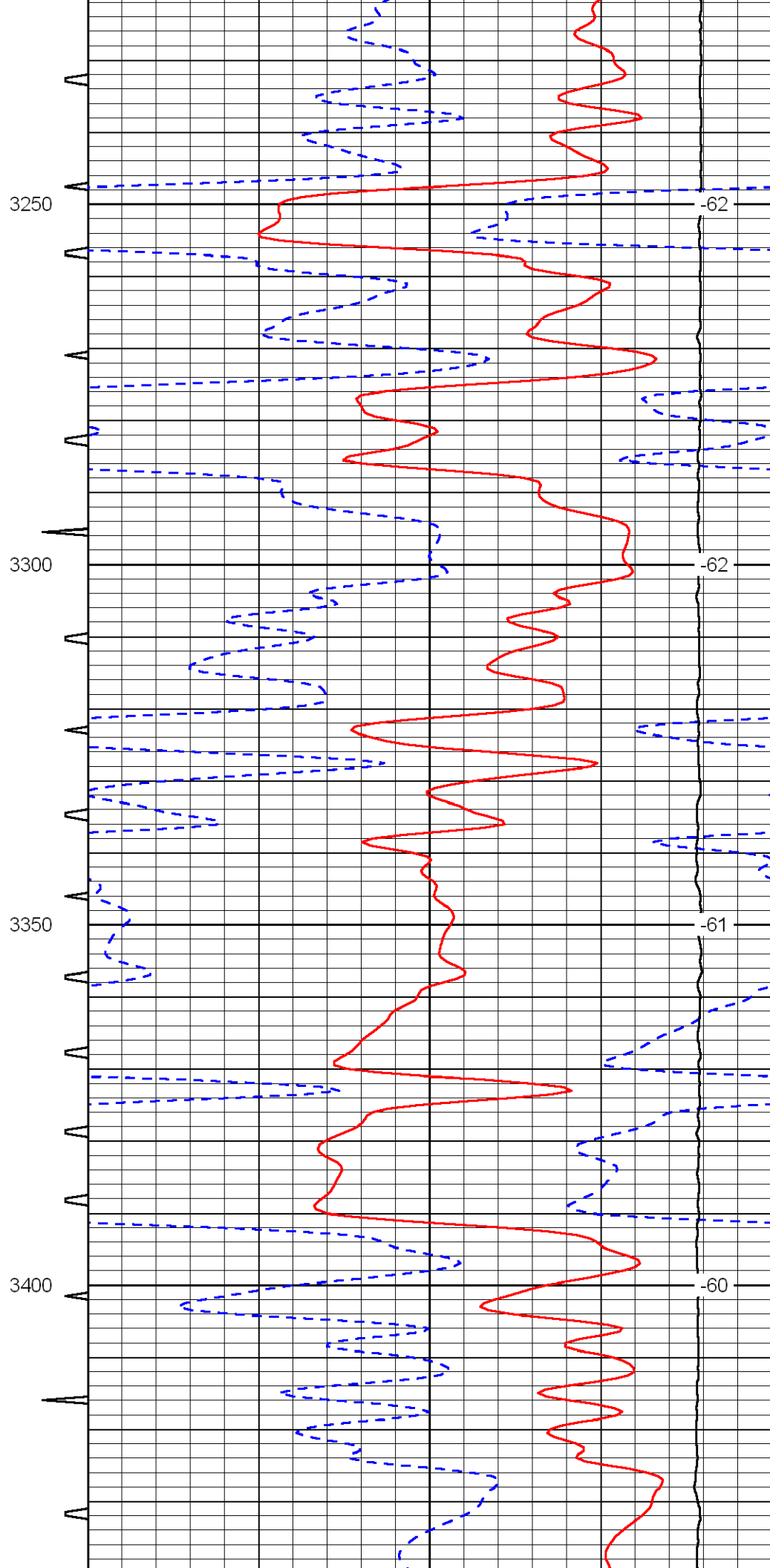
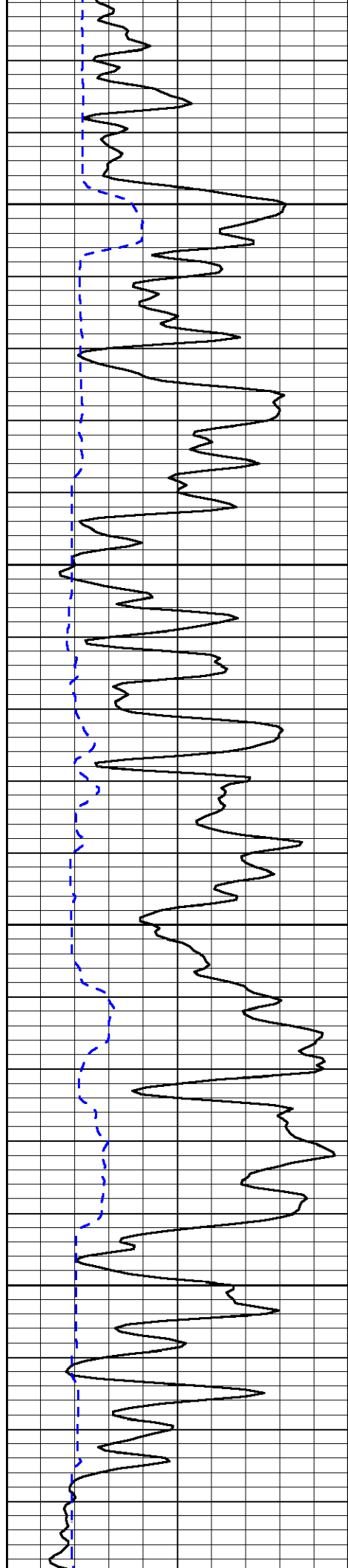


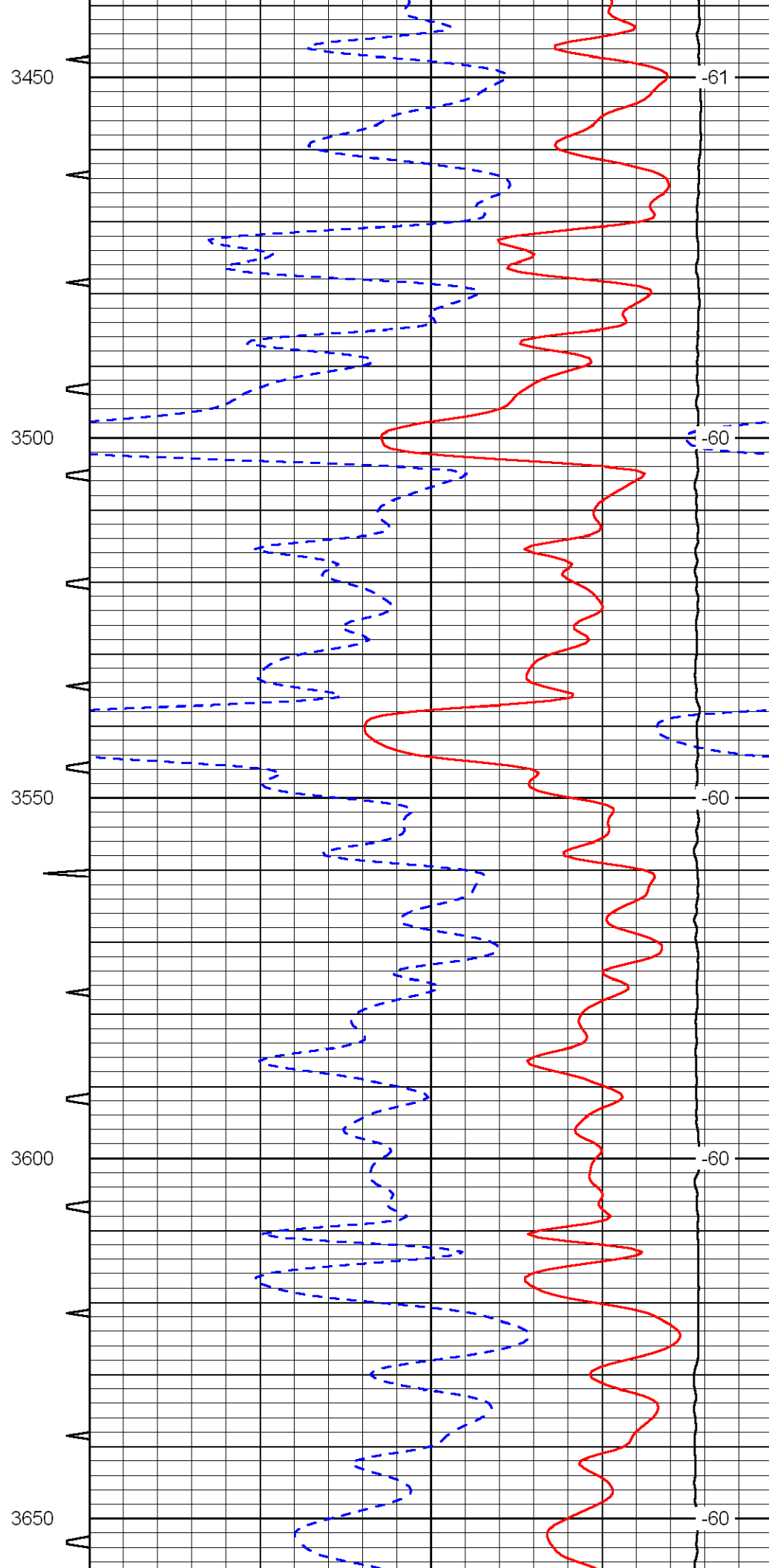
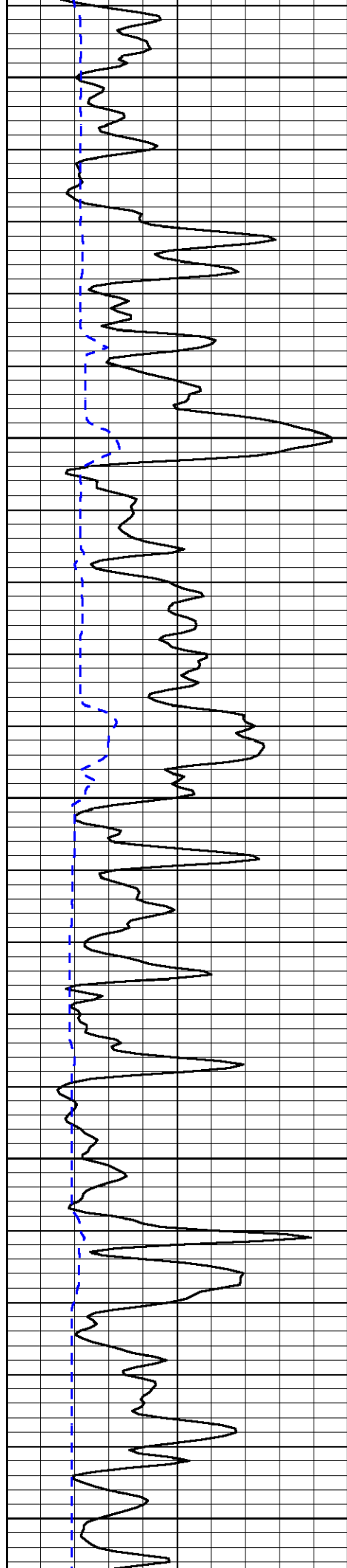


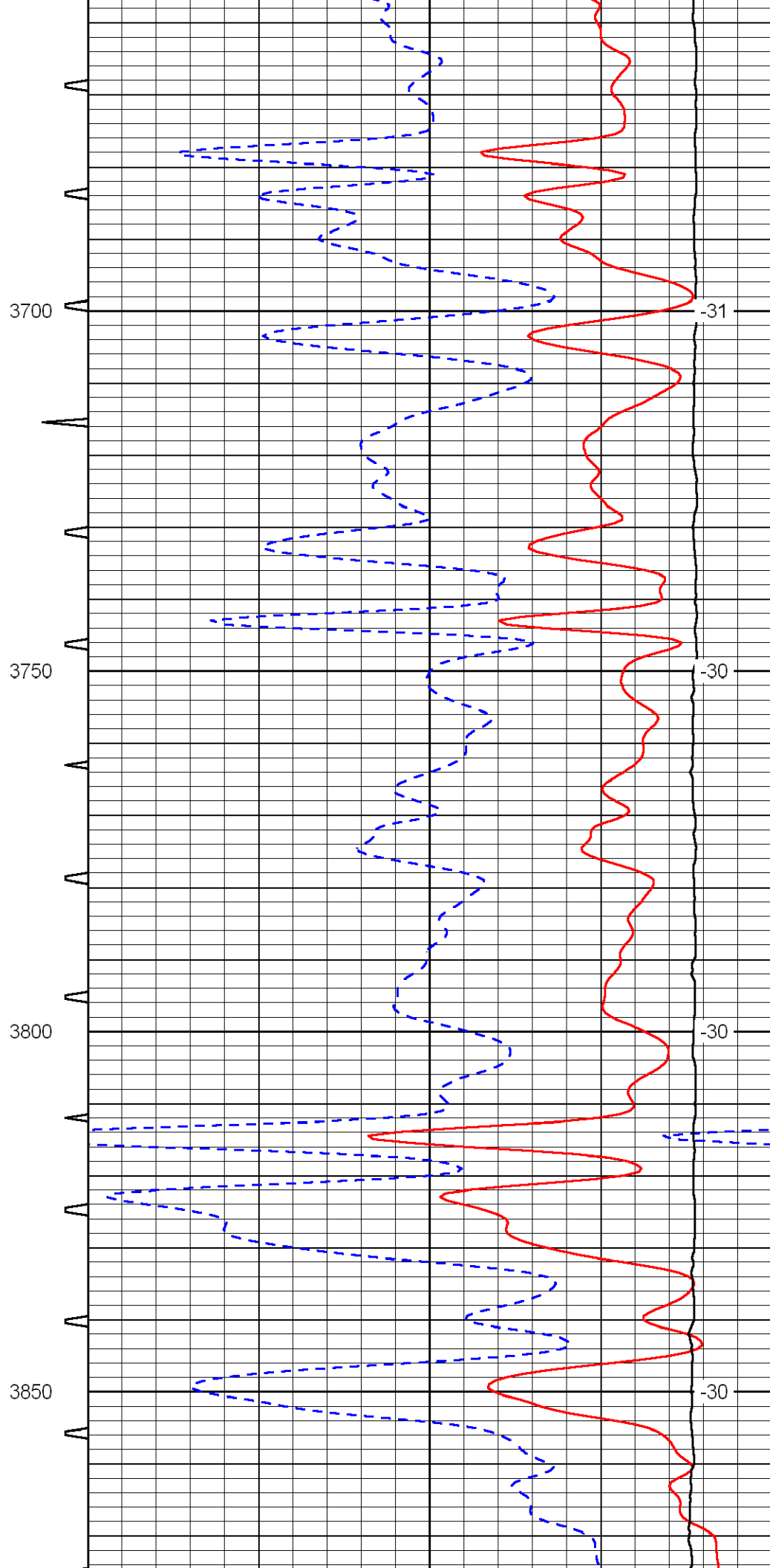
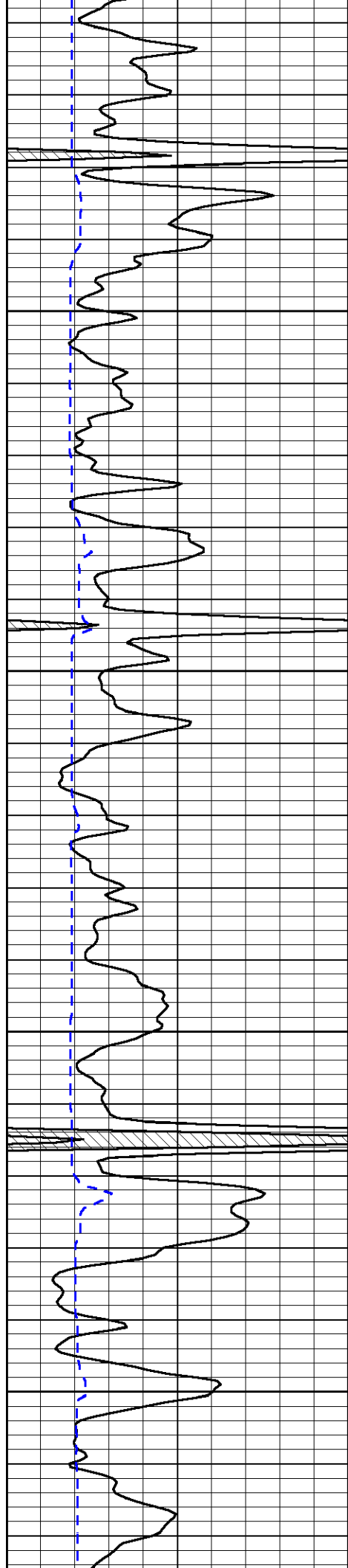


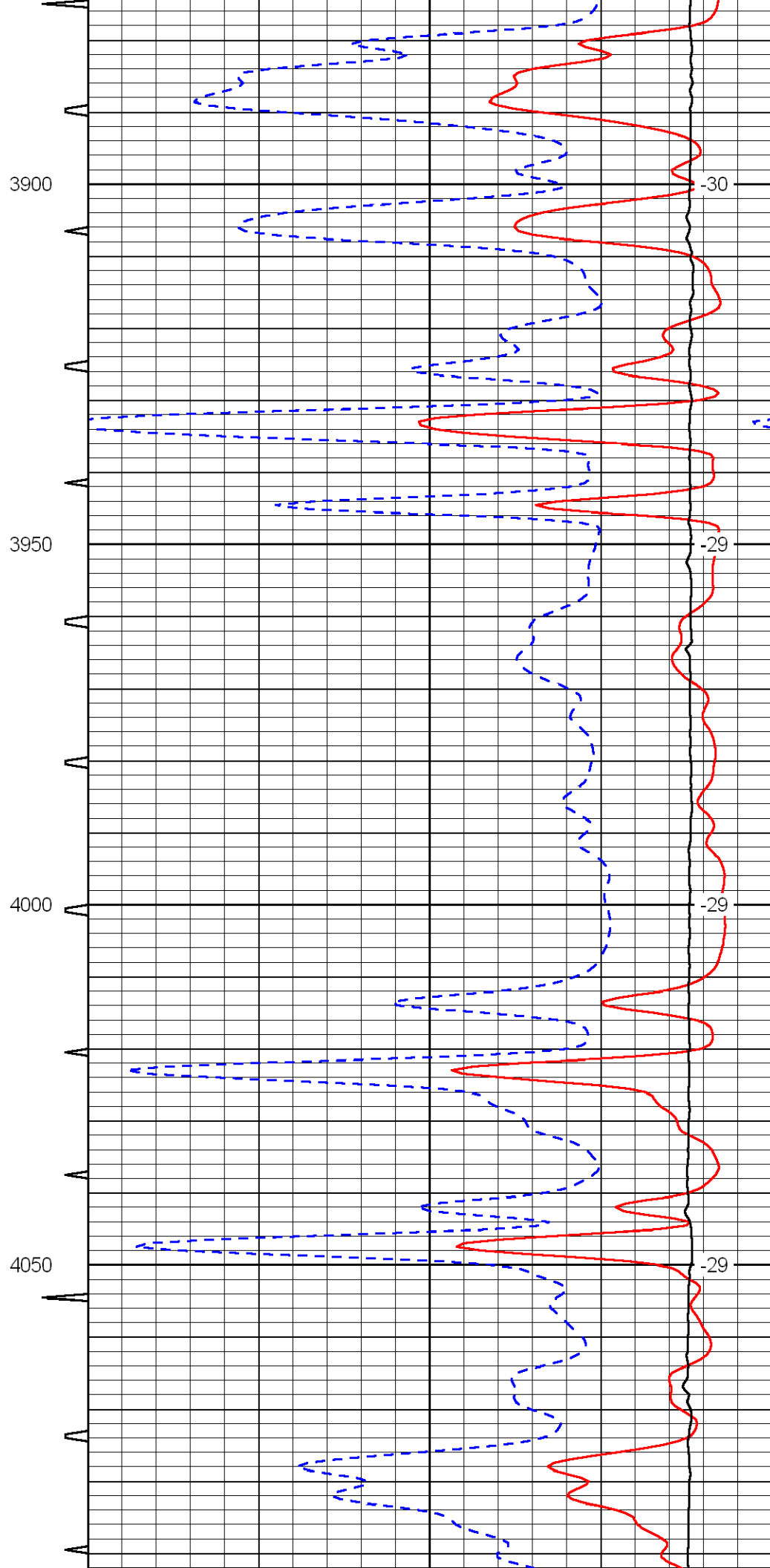
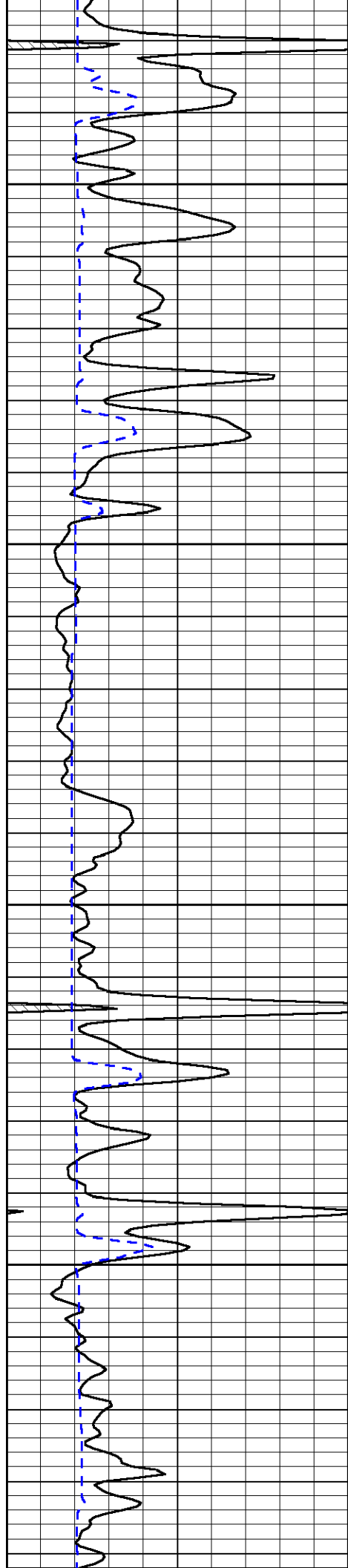


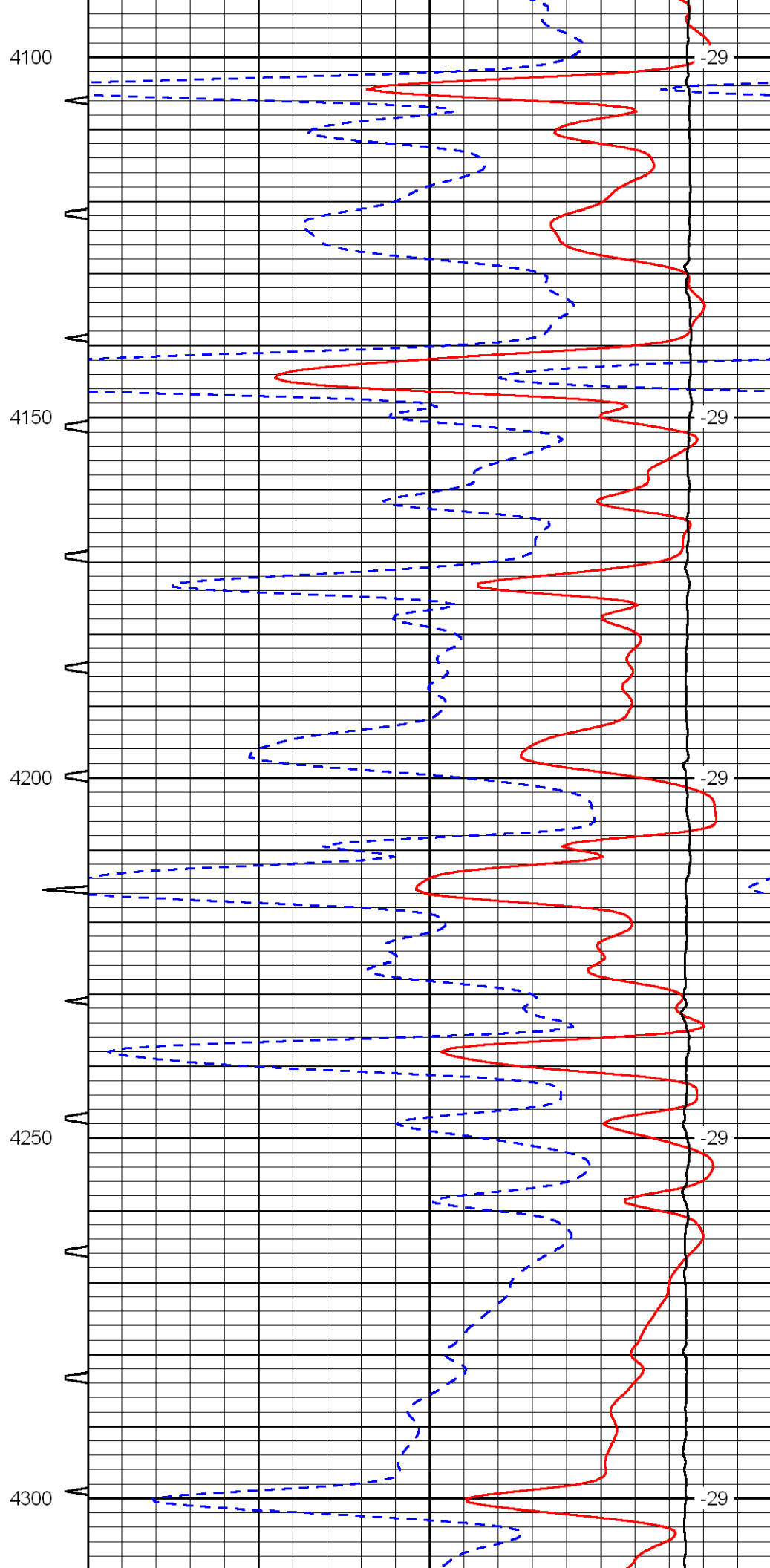
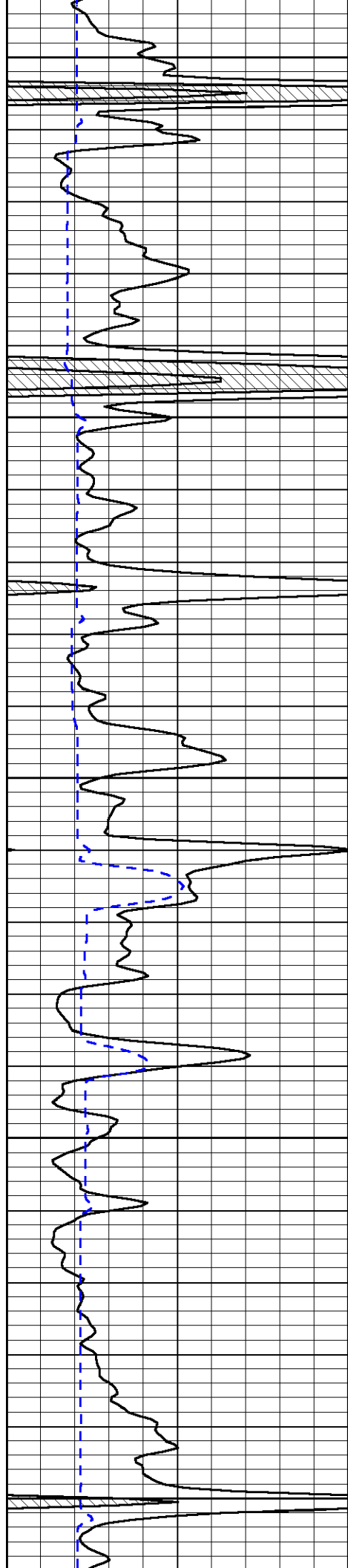


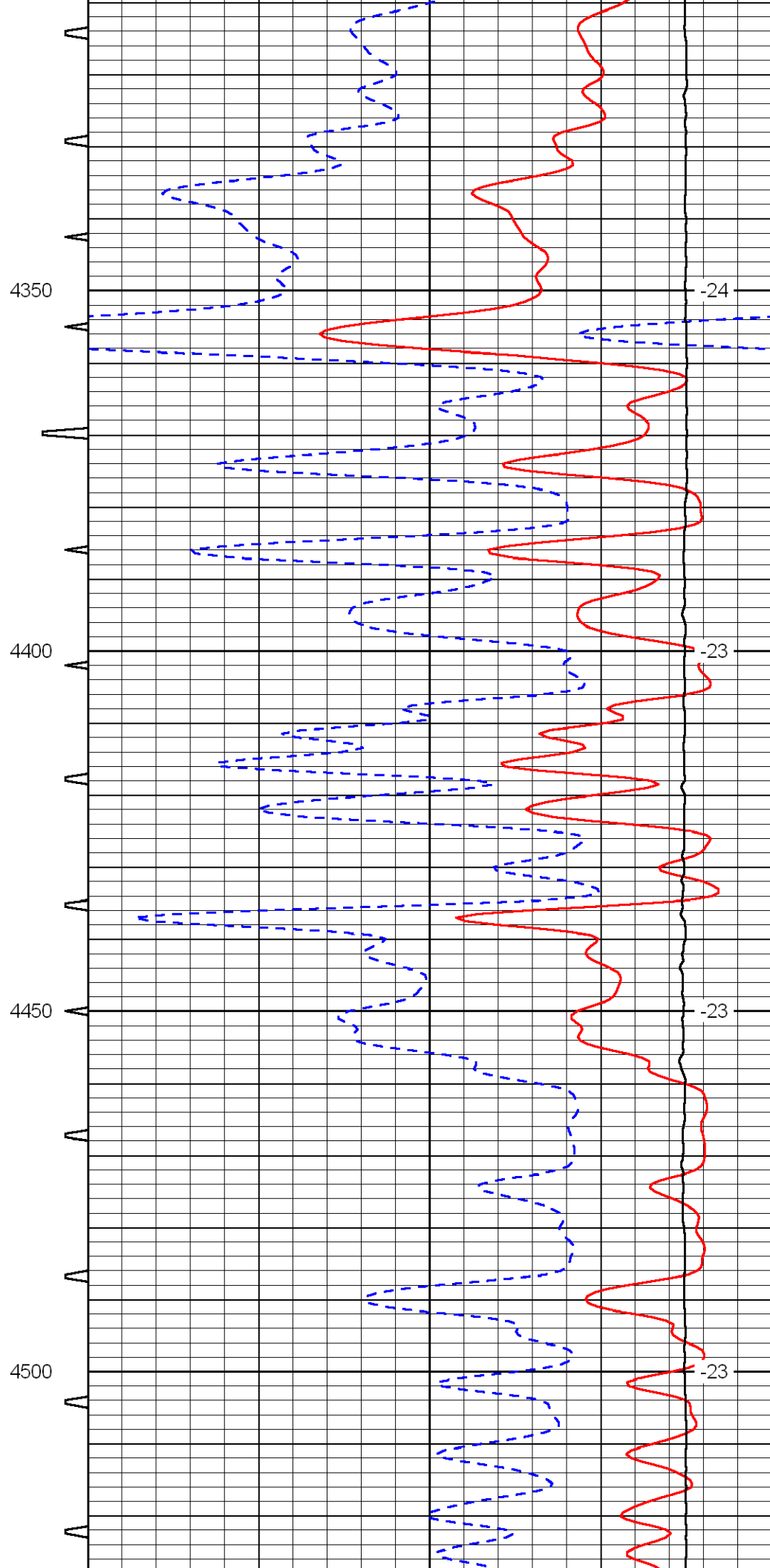
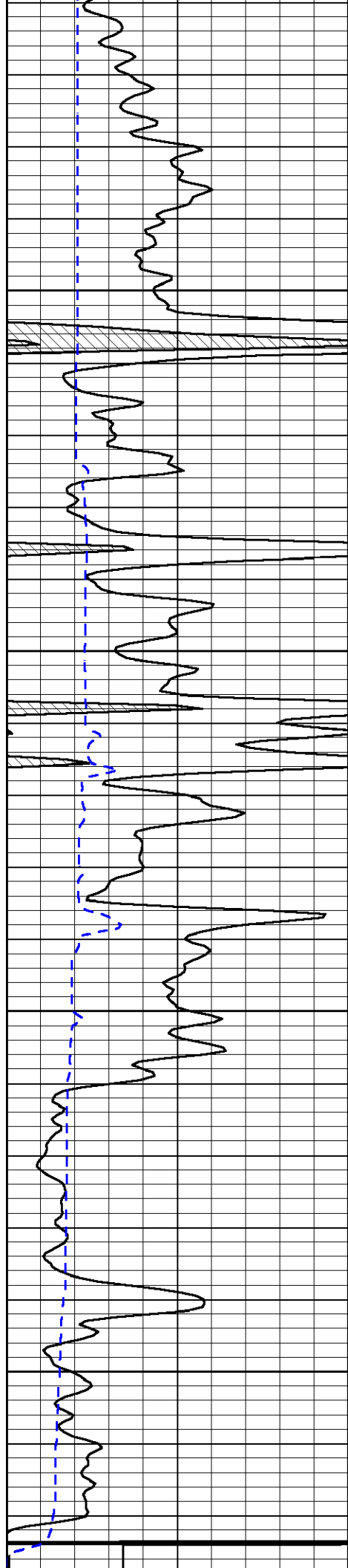


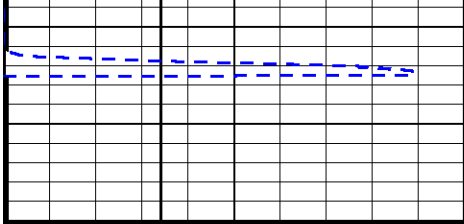






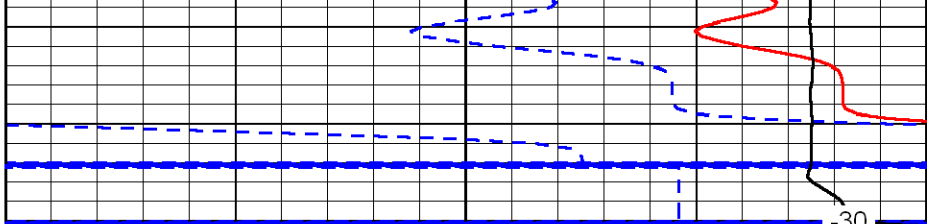






0	Gamma Ray	150
150	Gamma Ray	300
6	dCAL (GAPI)	16

4550
Sonic Int
5 0



140	Delta Time (usec/ft)	40
30	Sonic Porosity	-10
15000	LTEN (lb)	0

LSPD