



BOREHOLE COMPENSATED SONIC LOG

MIDWEST WIRELINE

Company Murfin Drilling Company, Inc.
Well Jean A #2-7
Field Wildcat
County Cheyenne
State Kansas

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Field Wildcat
County Cheyenne State Kansas

Location: API #: 15-023-21563-00-00
600 FSL & 2100 FEL
SEC 7 TWP 1S RGE 37W
Permanent Datum Ground Level Elevation 3101
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing
Other Services
CNL/CDL
DIL/MEL
Elevation
K.B. 3106
D.F.
G.L. 3101

Date 1/9/2022

Run Number Two
Type Log BHCS
Depth Driller 4635
Depth Logger 4629
Bottom Logged Interval 4617
Top Logged Interval 300
Type Fluid In Hole Chemical
Salinity, PPM CL 1200
Density 8.6
Level Full
Max. Rec. Temp. F 122
Operating Rig Time 6 Hours
Equipment -- Location P-24 Hays
Recorded By T. Martin
Witnessed By Wes Hansen

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	324	8.625	23	00	324
Two	7.875	324	TD				

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Bird City, N to DD Rd, 2 E to T,
1 S, W into after TB

Log Measured From: Kelly Bushing 5 Ft. Above Permanent Datum

THANK YOU FOR USING MIDWEST WIRELINE LLC
785-625-3858

Your Midwest Wireline Crew

Engineer: T. Martin
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Wes Hansen
Secondary Witness:
Secondary Witness:
Secondary Witness:

Log Variables

DatabaseC:\ProgramData\Warrior\Data\murfin_jean a #2-7.db
Dataset field/well/StkMI/pass3.1/_vars_

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in	degF	in	in	g/cc	2	g/cc
	7.875	122	5.5	0	1		2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	0	mmho/m	mmho/m	mV	degF	Off	ft
		0	0	500	50		4629

Variable Description

A : Cement Factor (a)
BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
FLUIDDEN : Fluid Density
M : Cement Exp (m)
MATRXDEN : Matrix Density

NPORSEL : Neutron Porosity Curve Select
PERFS : Perforation Flag
SNDERR : Deep Sonde Error Correction
SNDERRM : Medium Sonde Error Correction
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
SZCOR : CN Size Cor. ?
TDEPTH : Total Depth

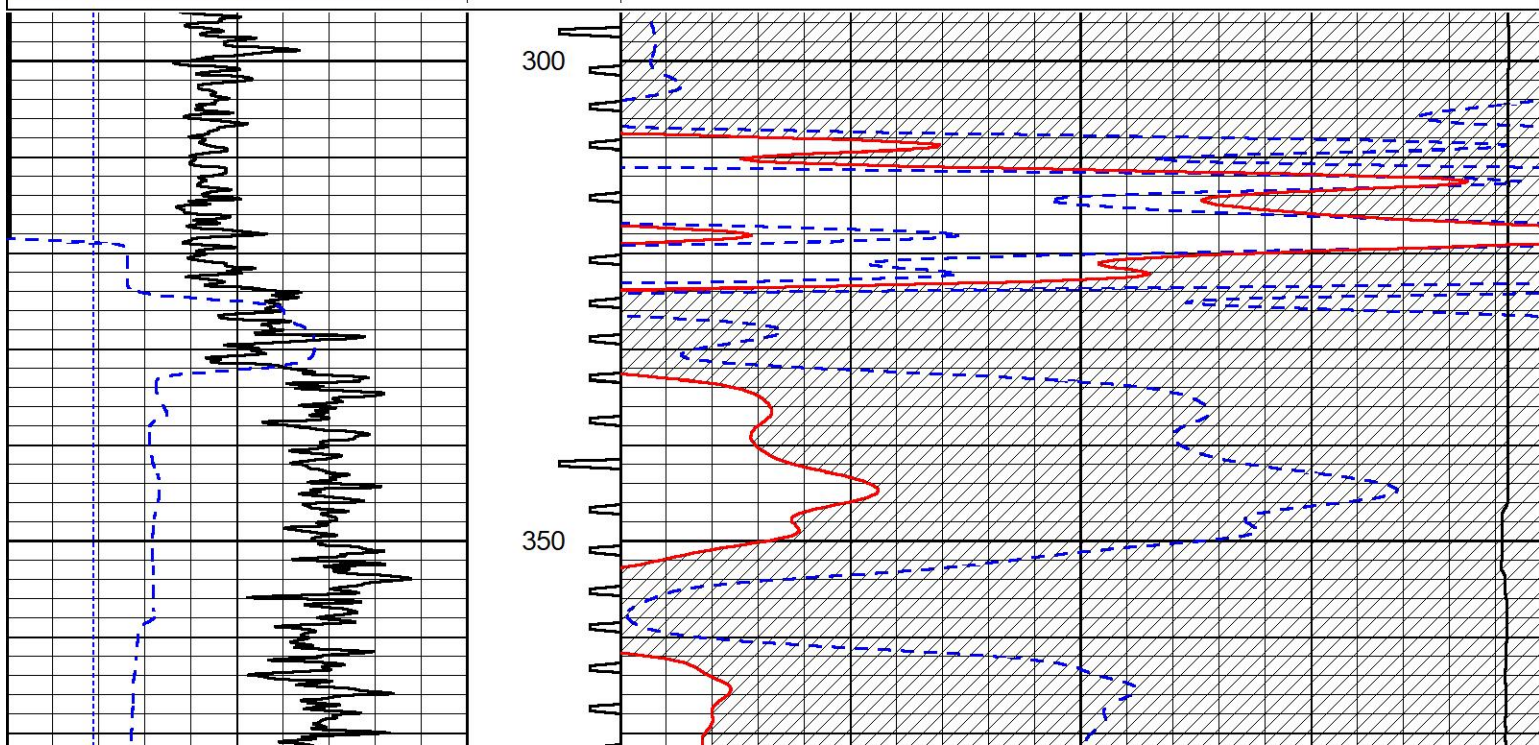


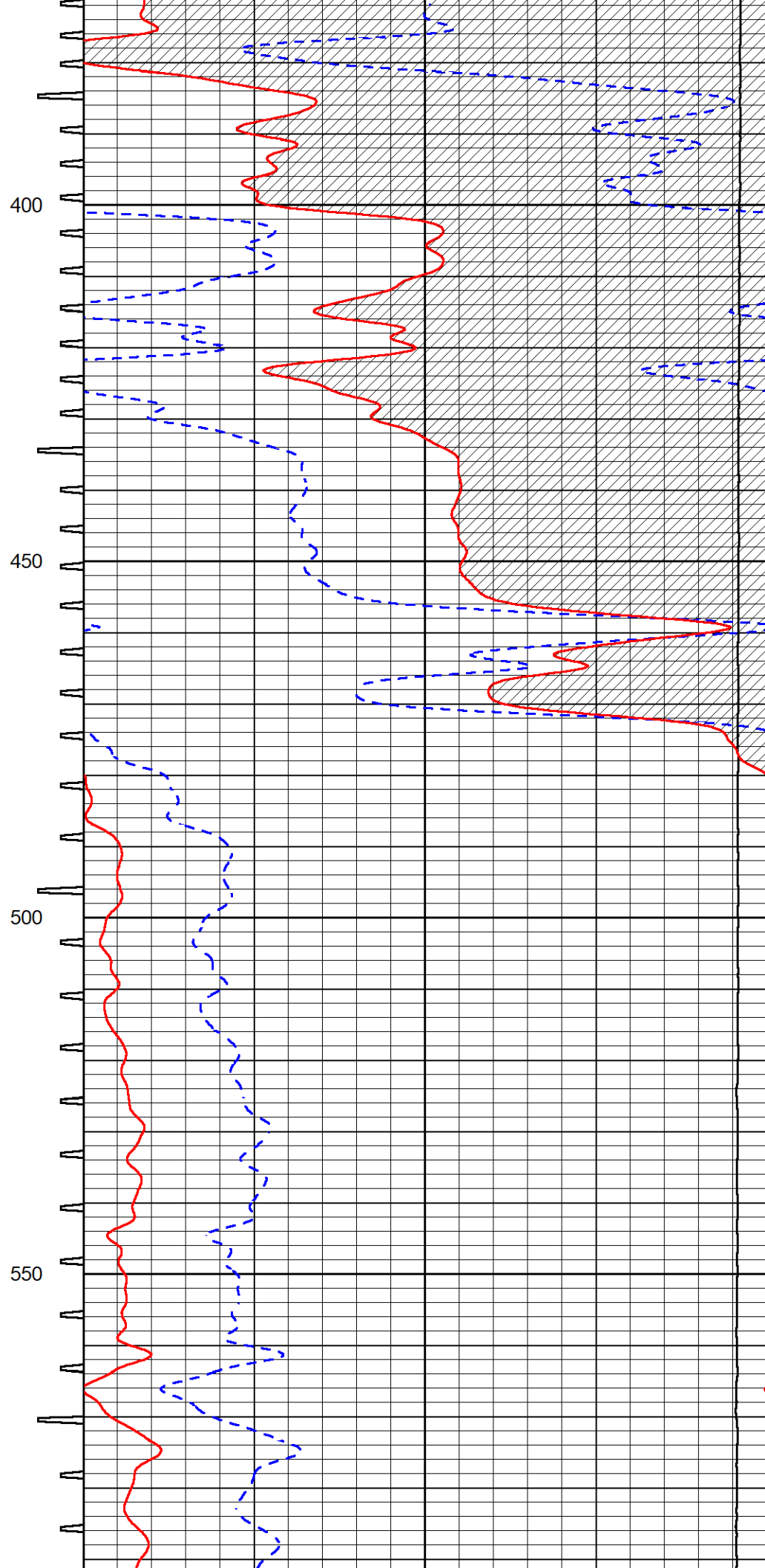
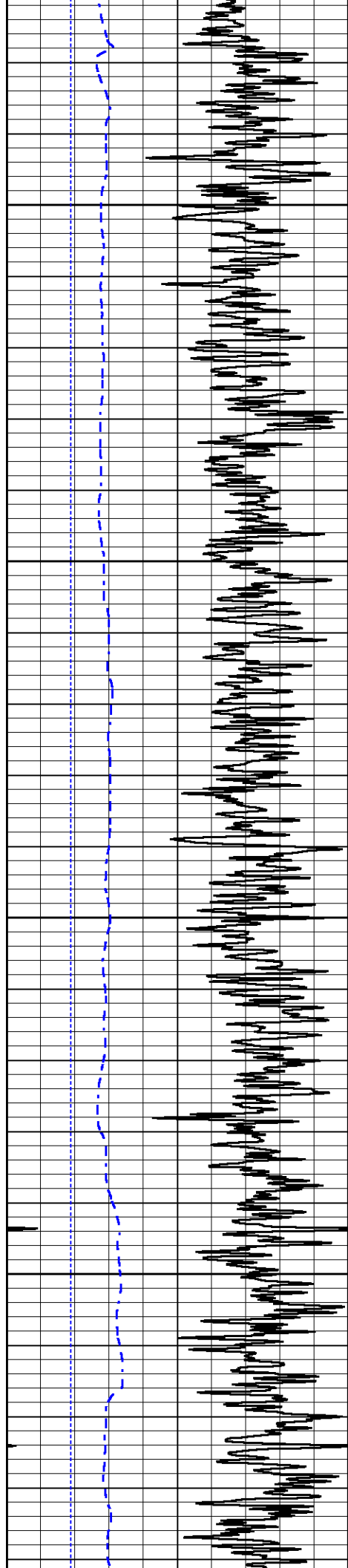
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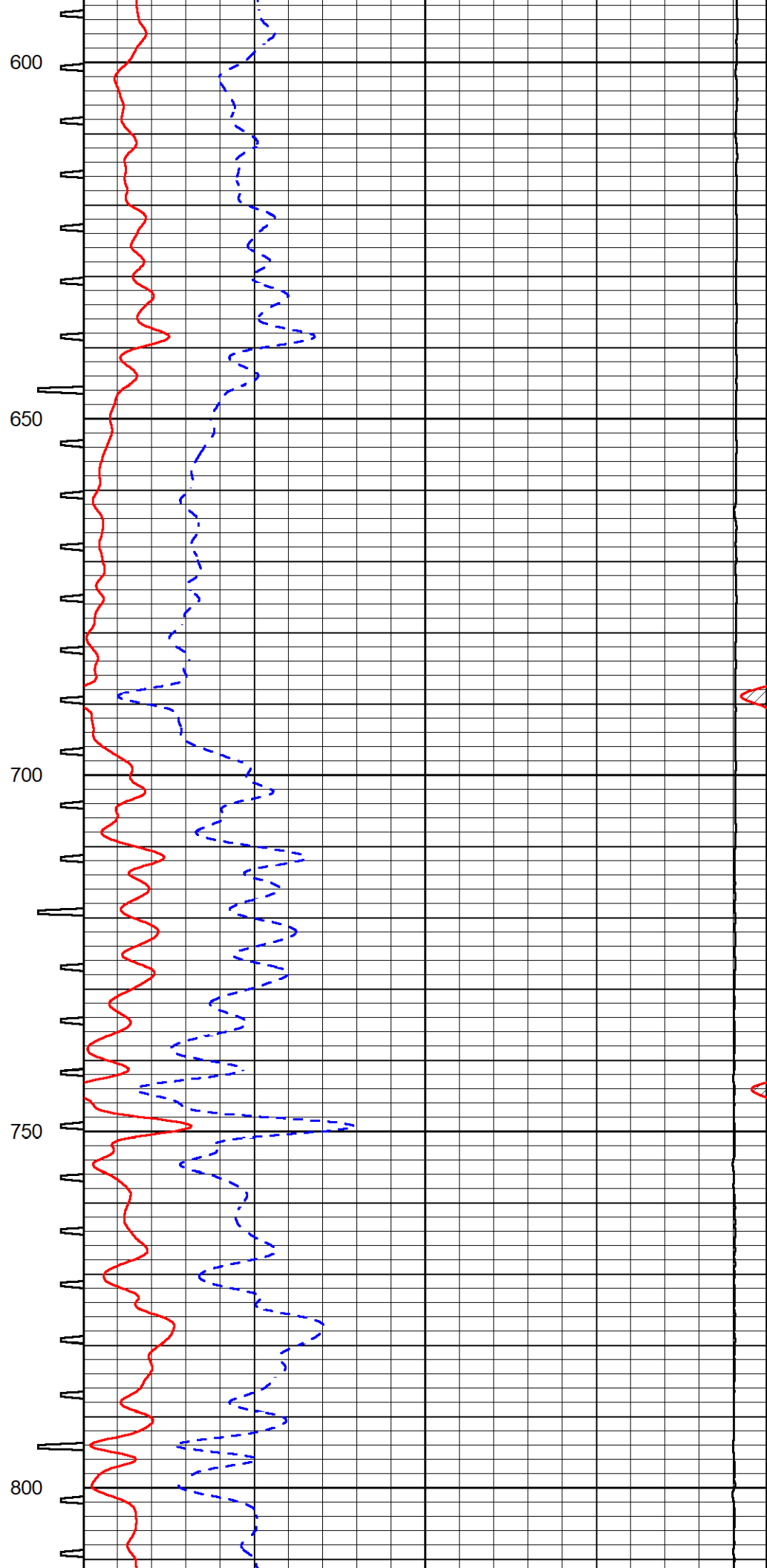
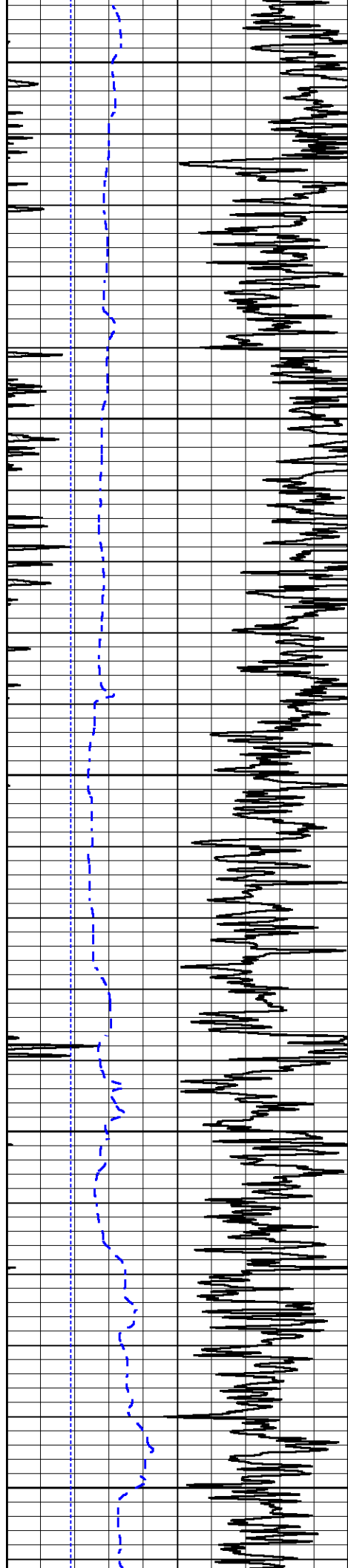
MAIN PASS

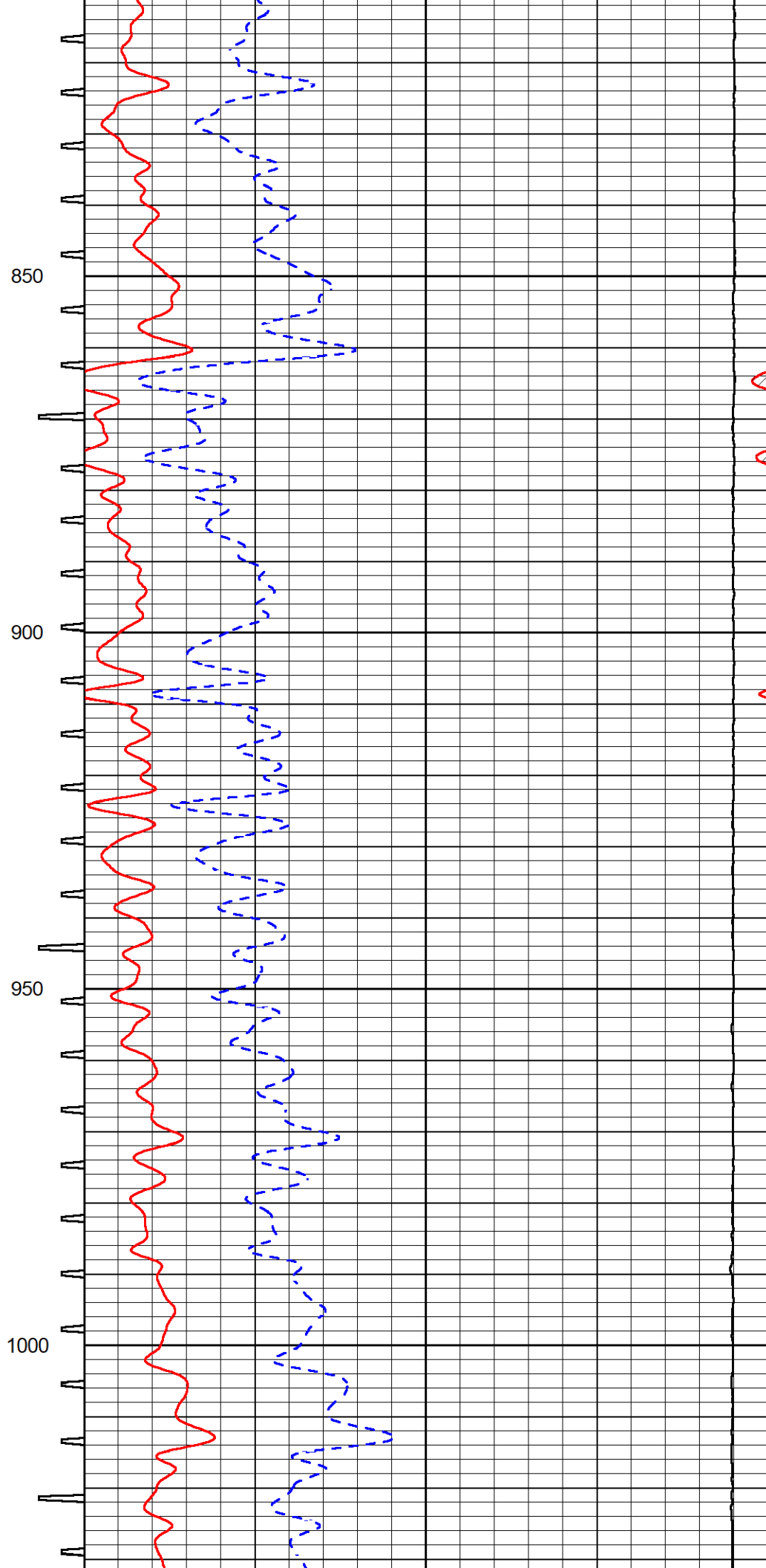
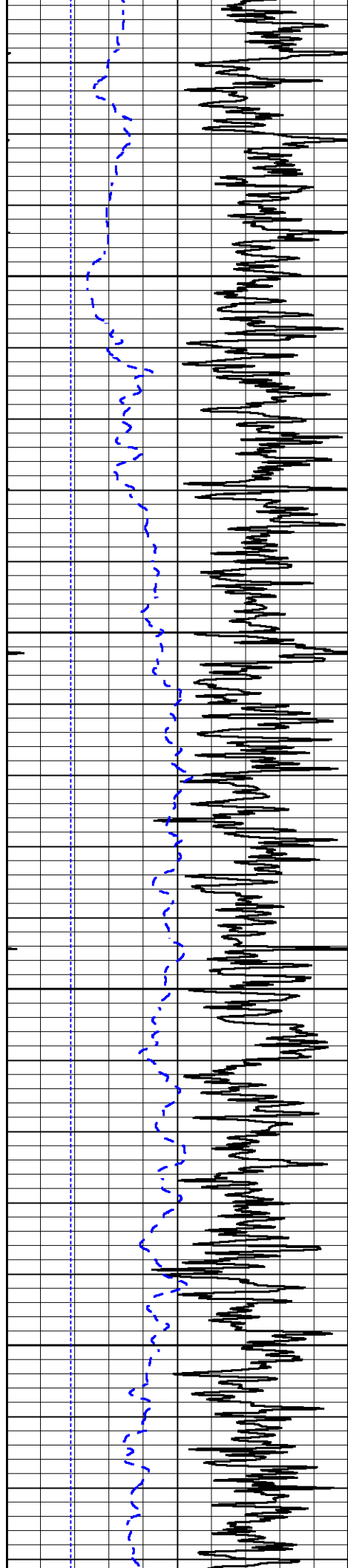
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Dataset Pathname StkMI/pass3.1
Presentation Format _sonic
Dataset Creation Sun Jan 09 09:44:02 2022
Charted by Depth in Feet scaled 1:240

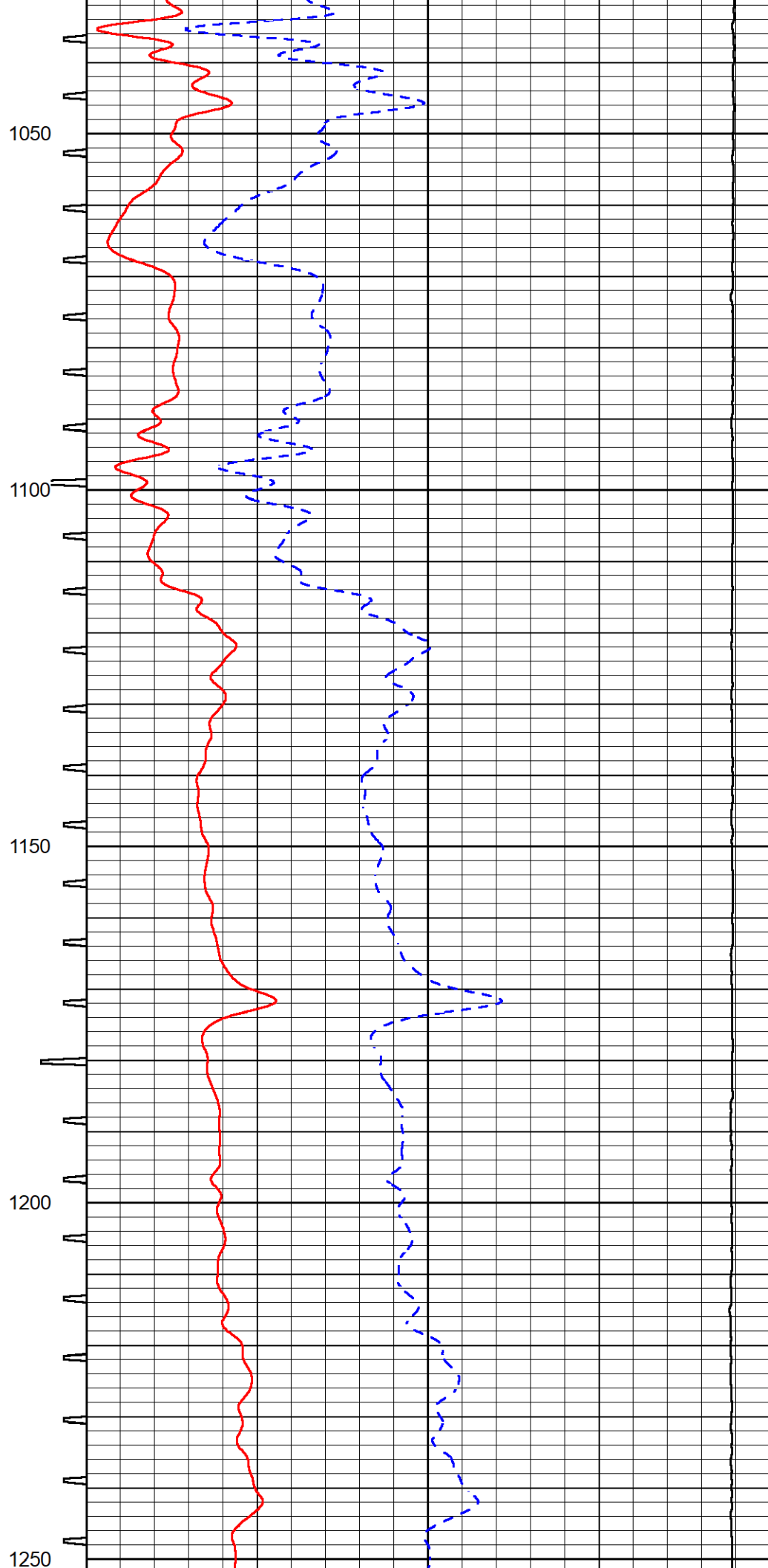
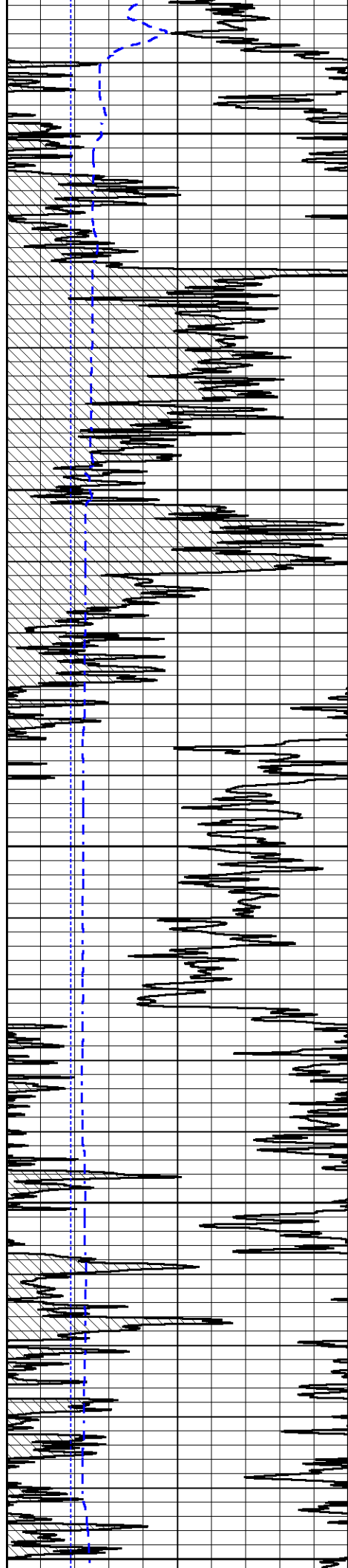
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150	GR (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu) (pu)	-10
6	Caliper (in)	16		15000	Line Tension (lb)	0

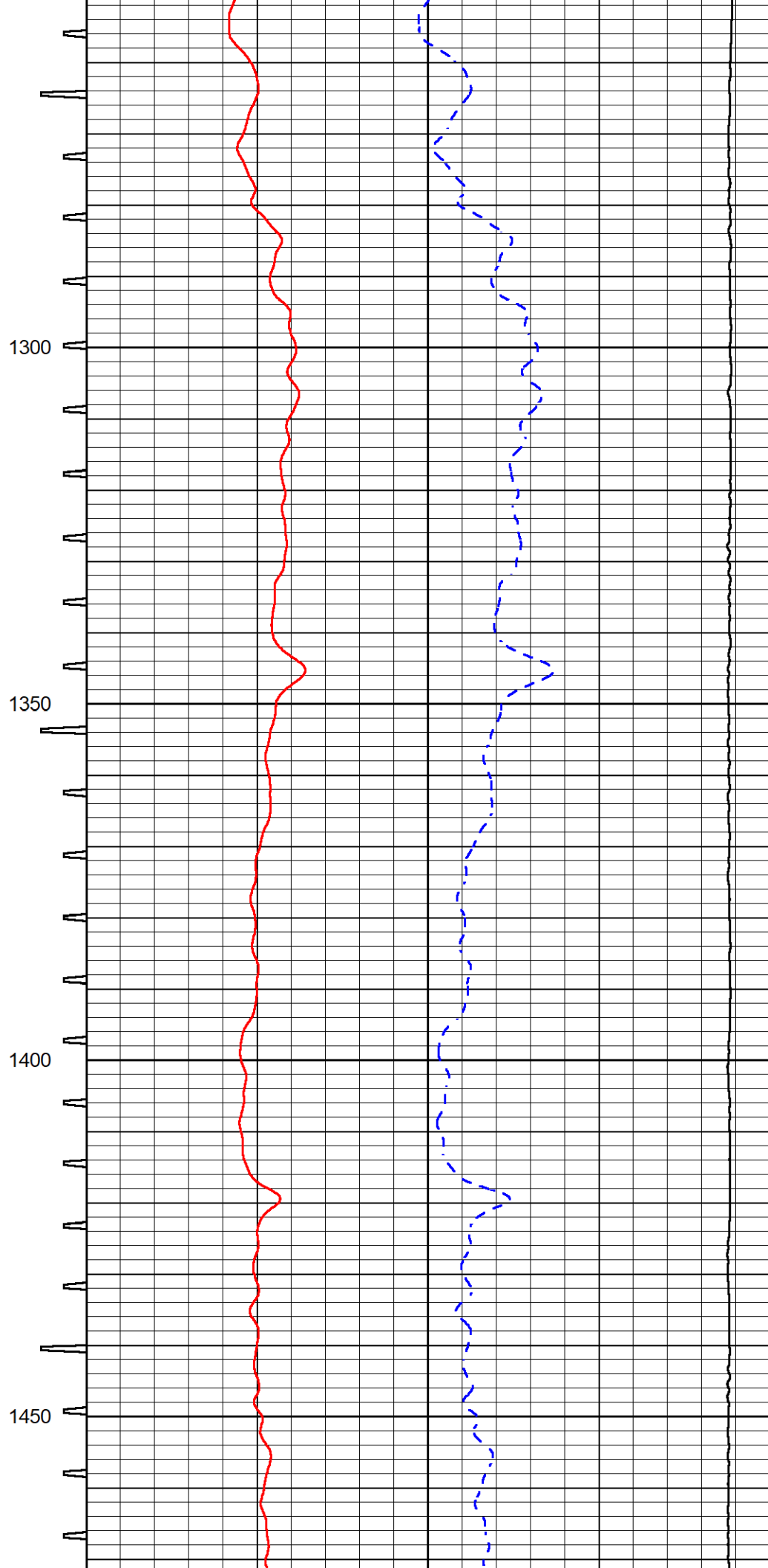
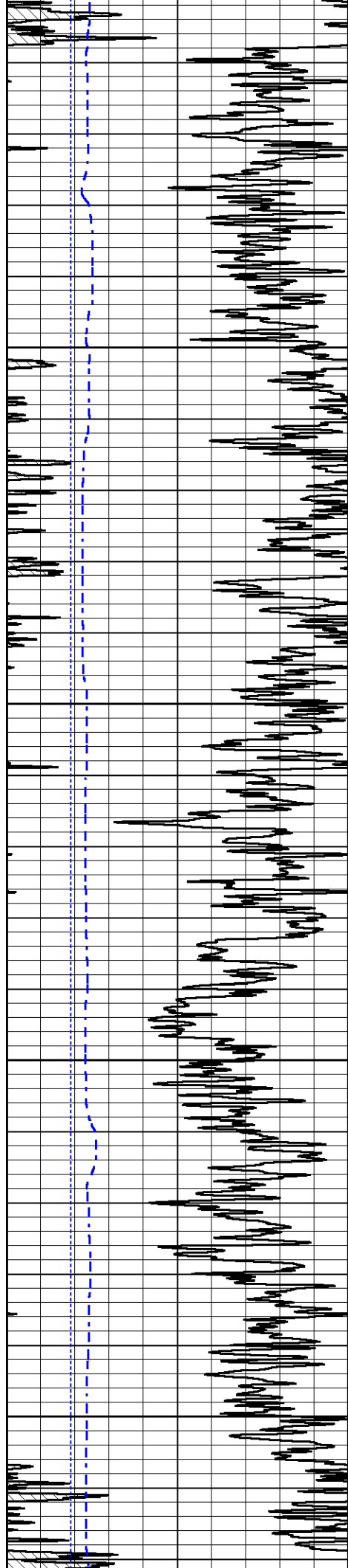


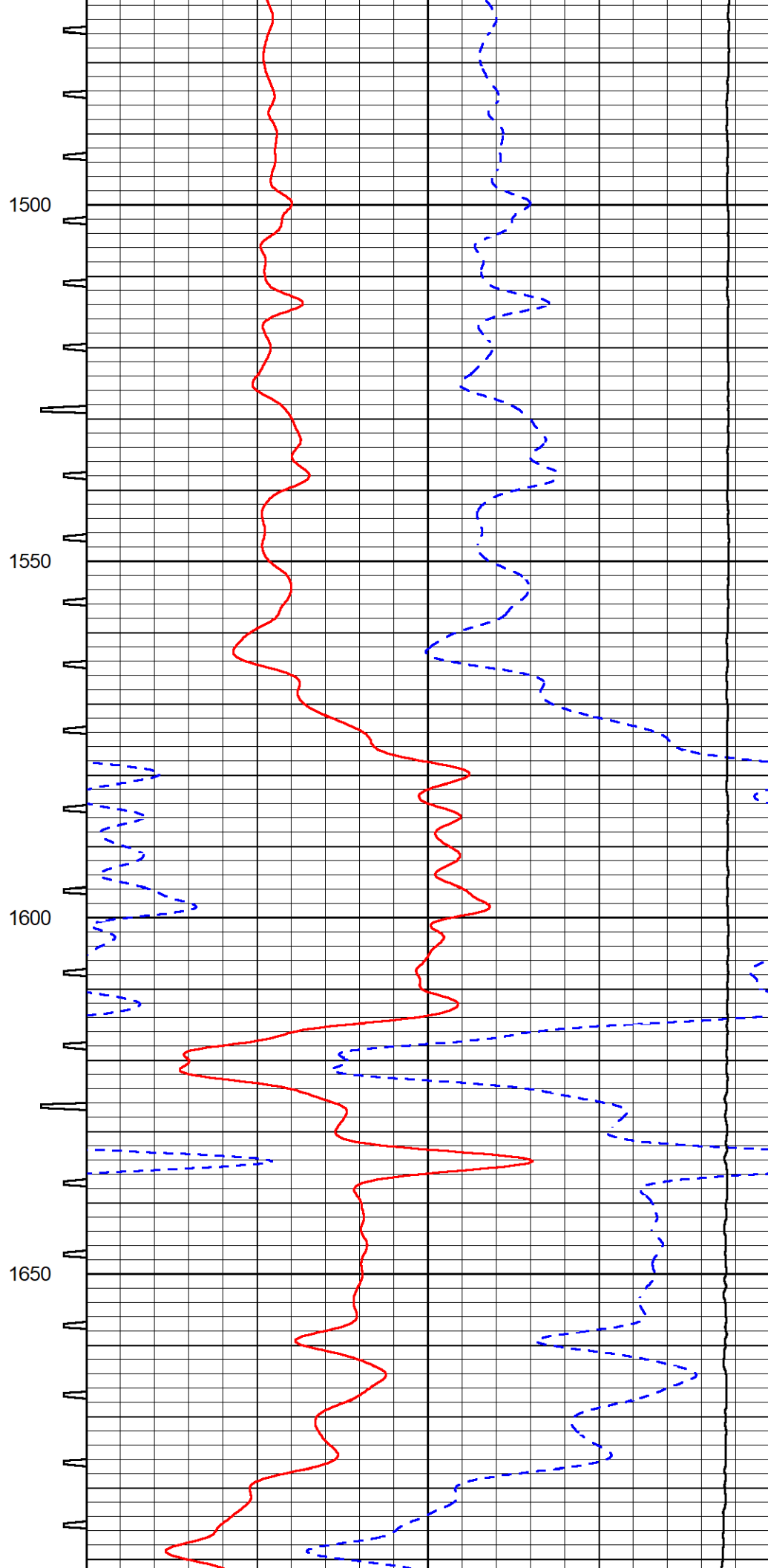
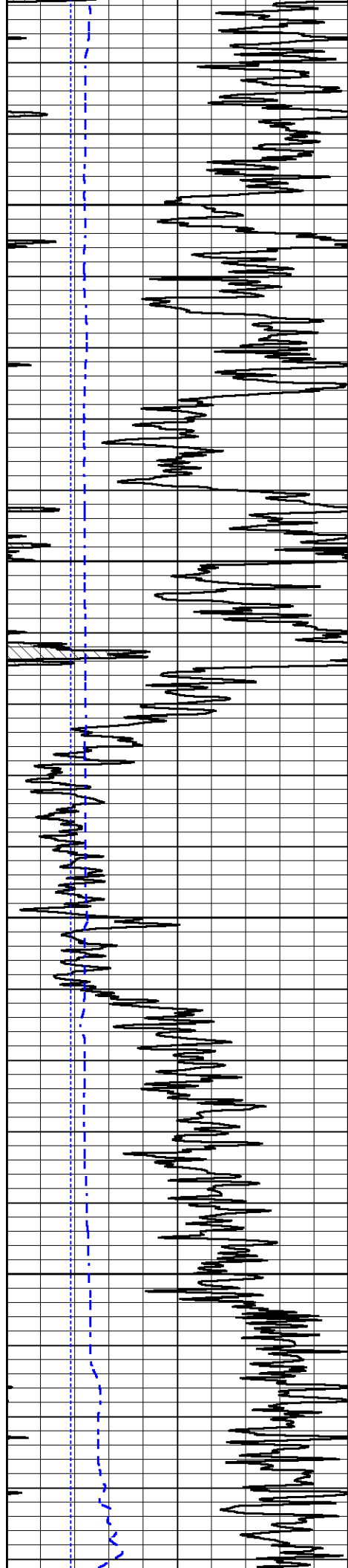


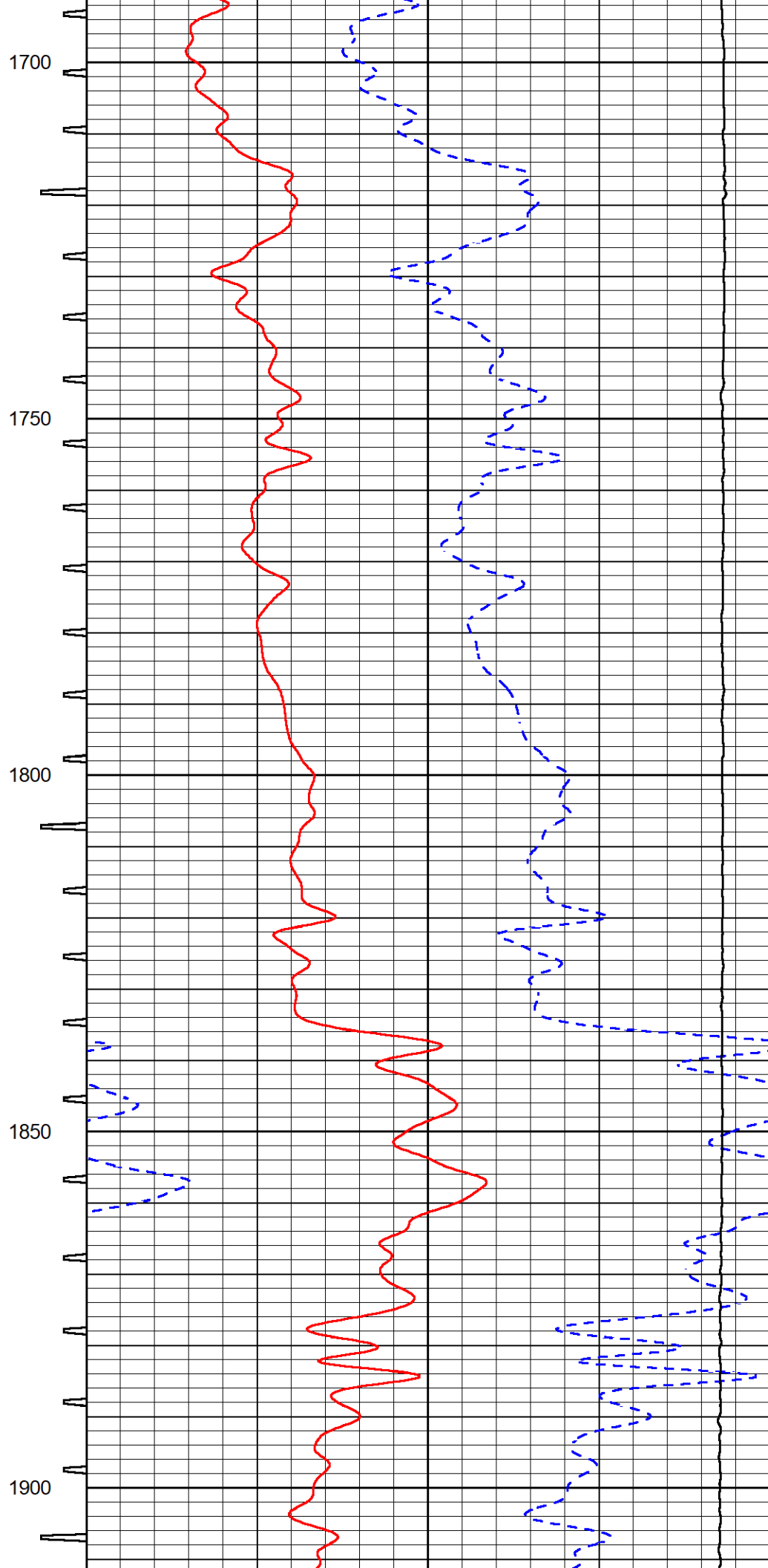
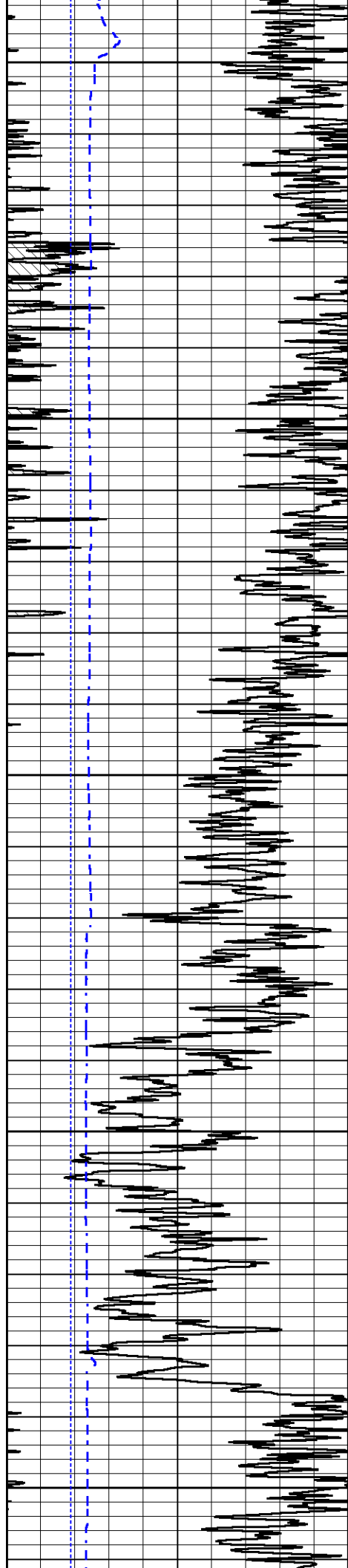


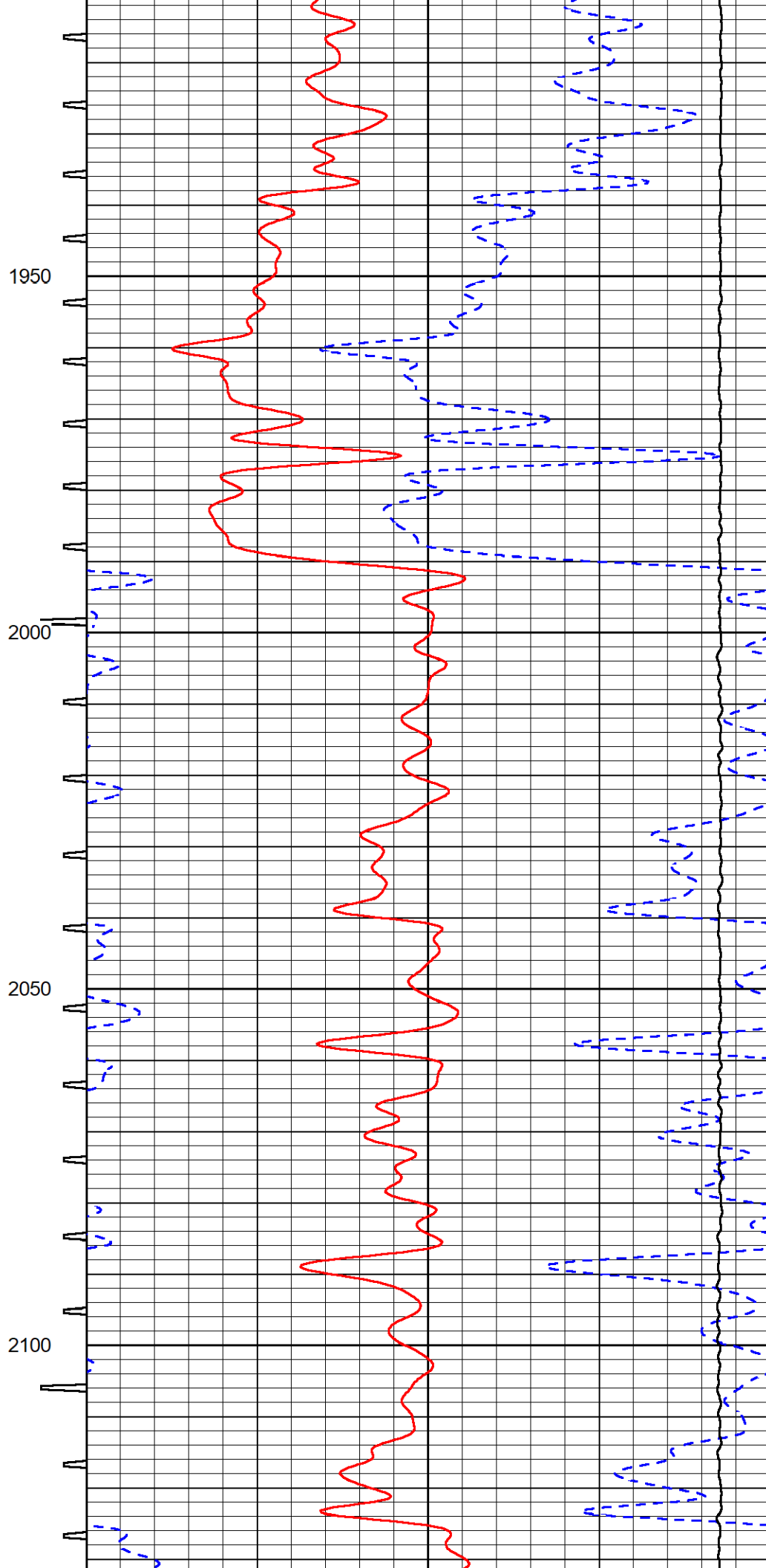
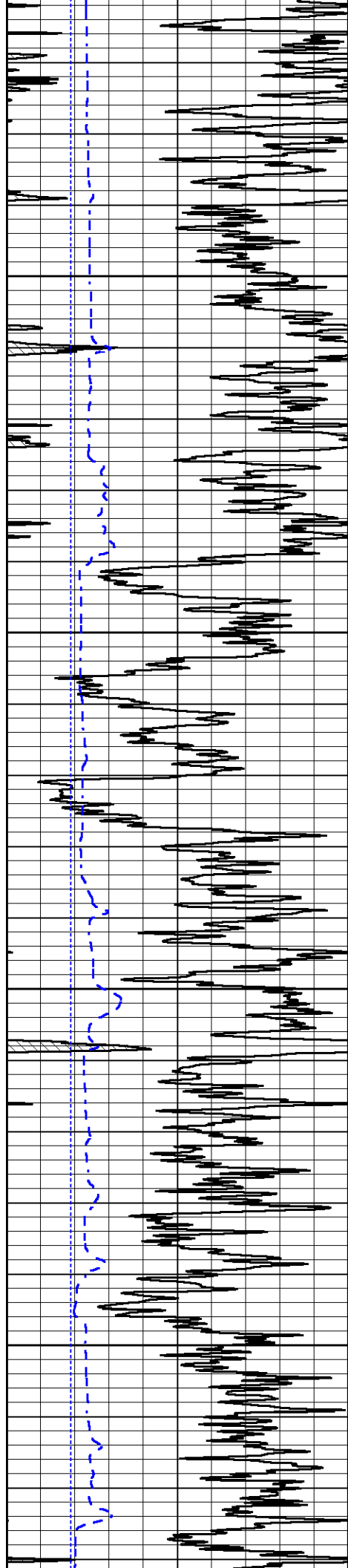


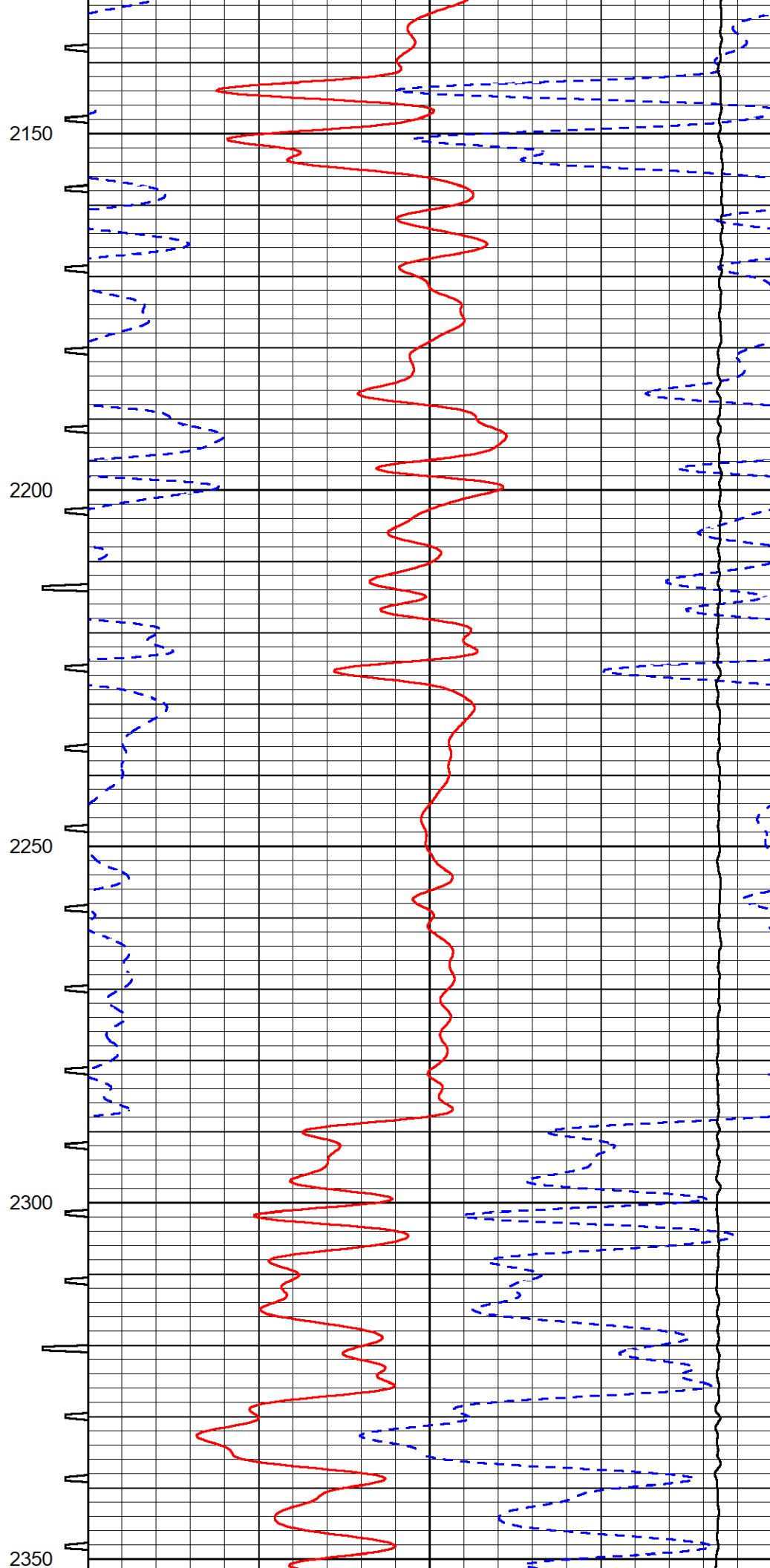
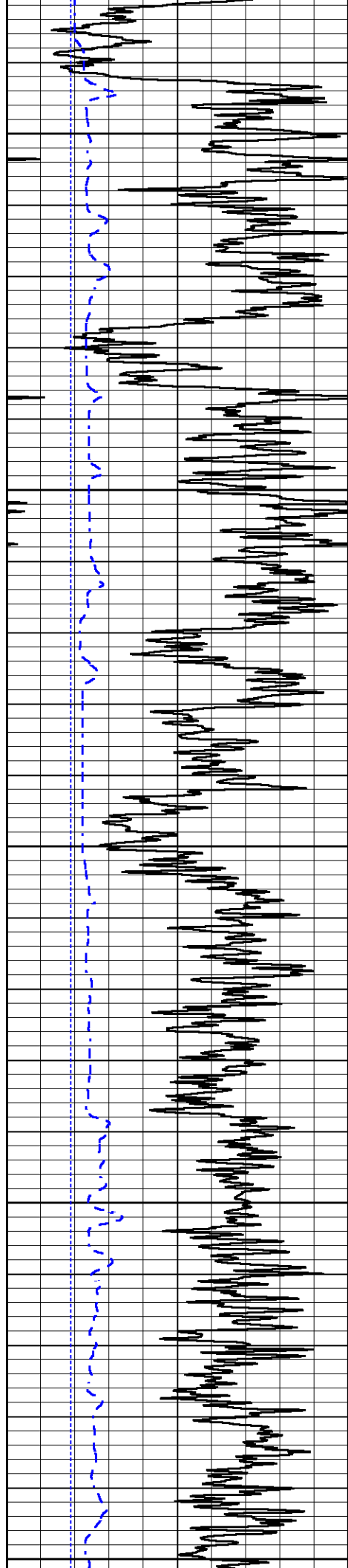


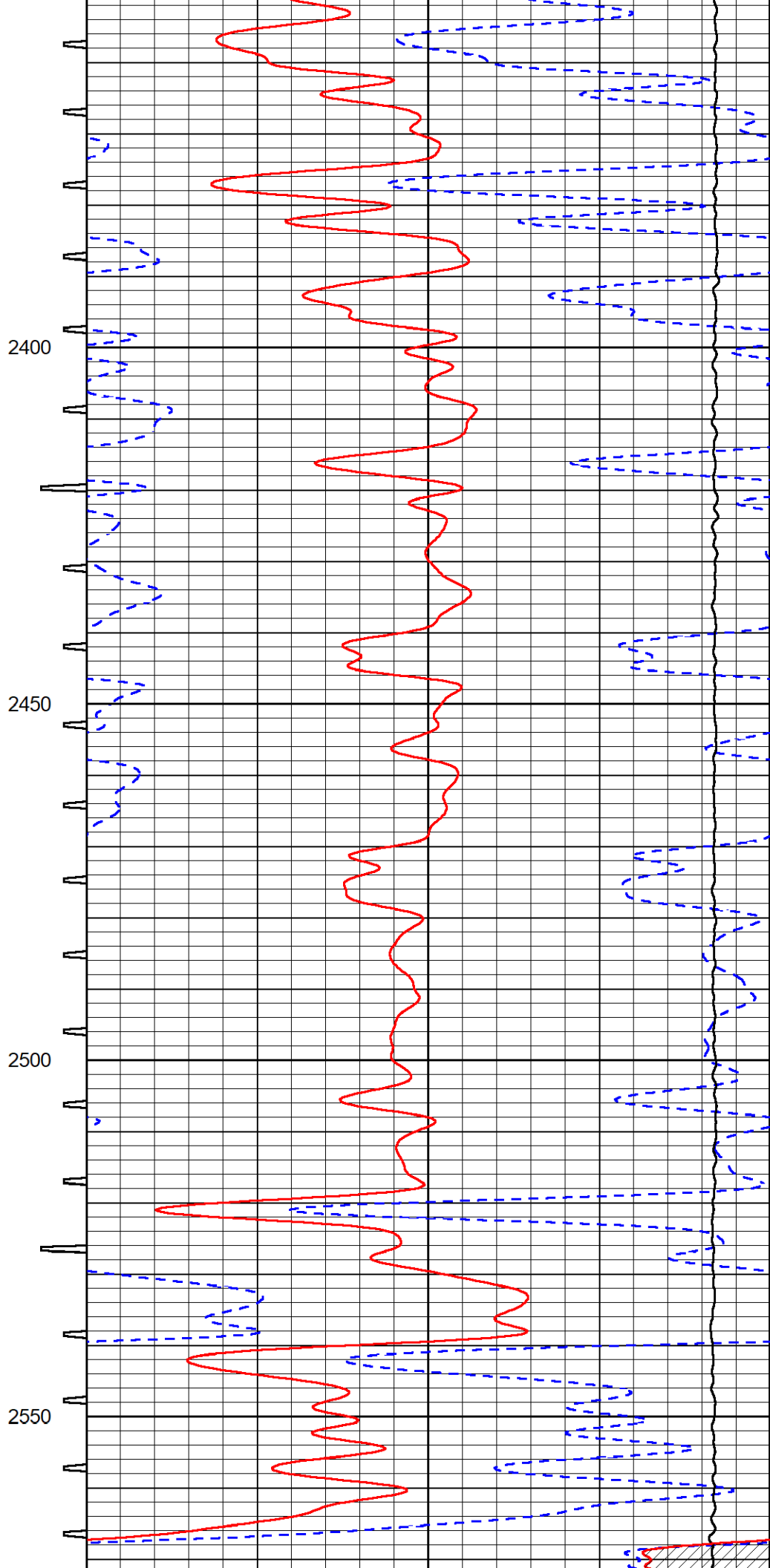
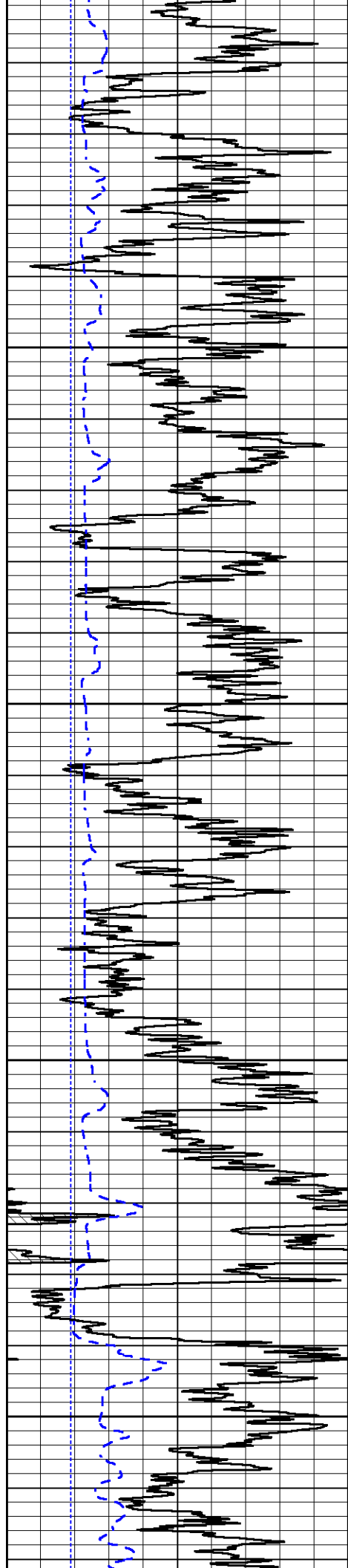


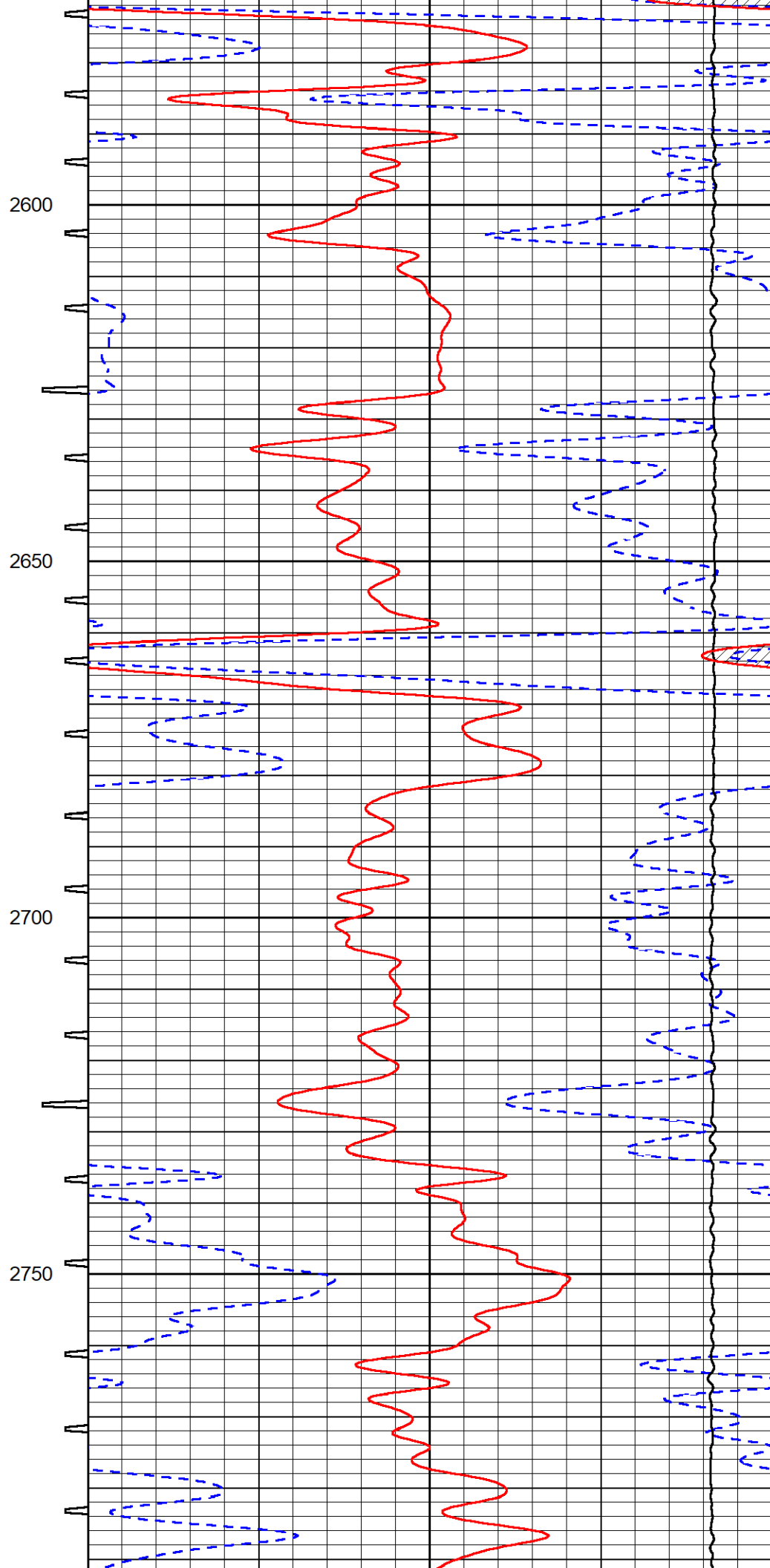
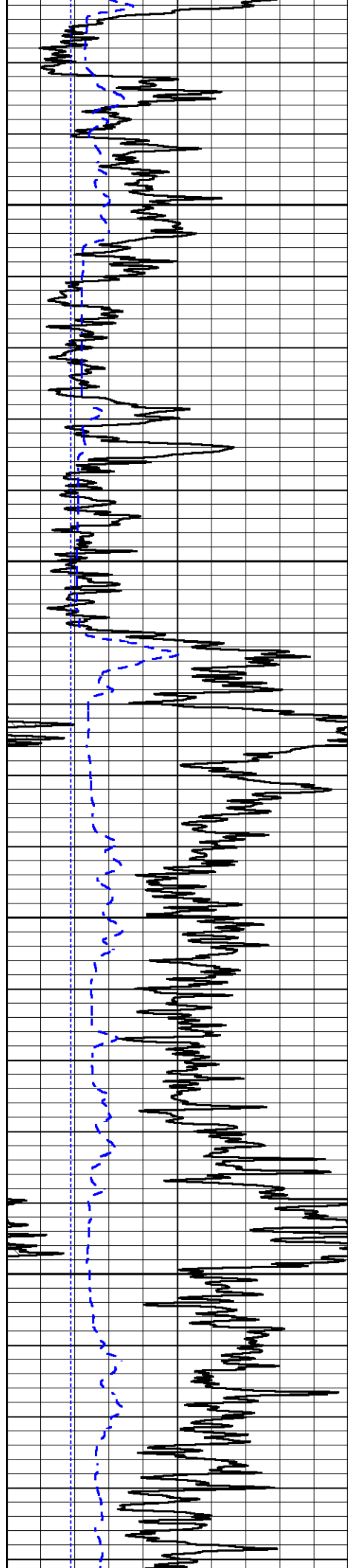


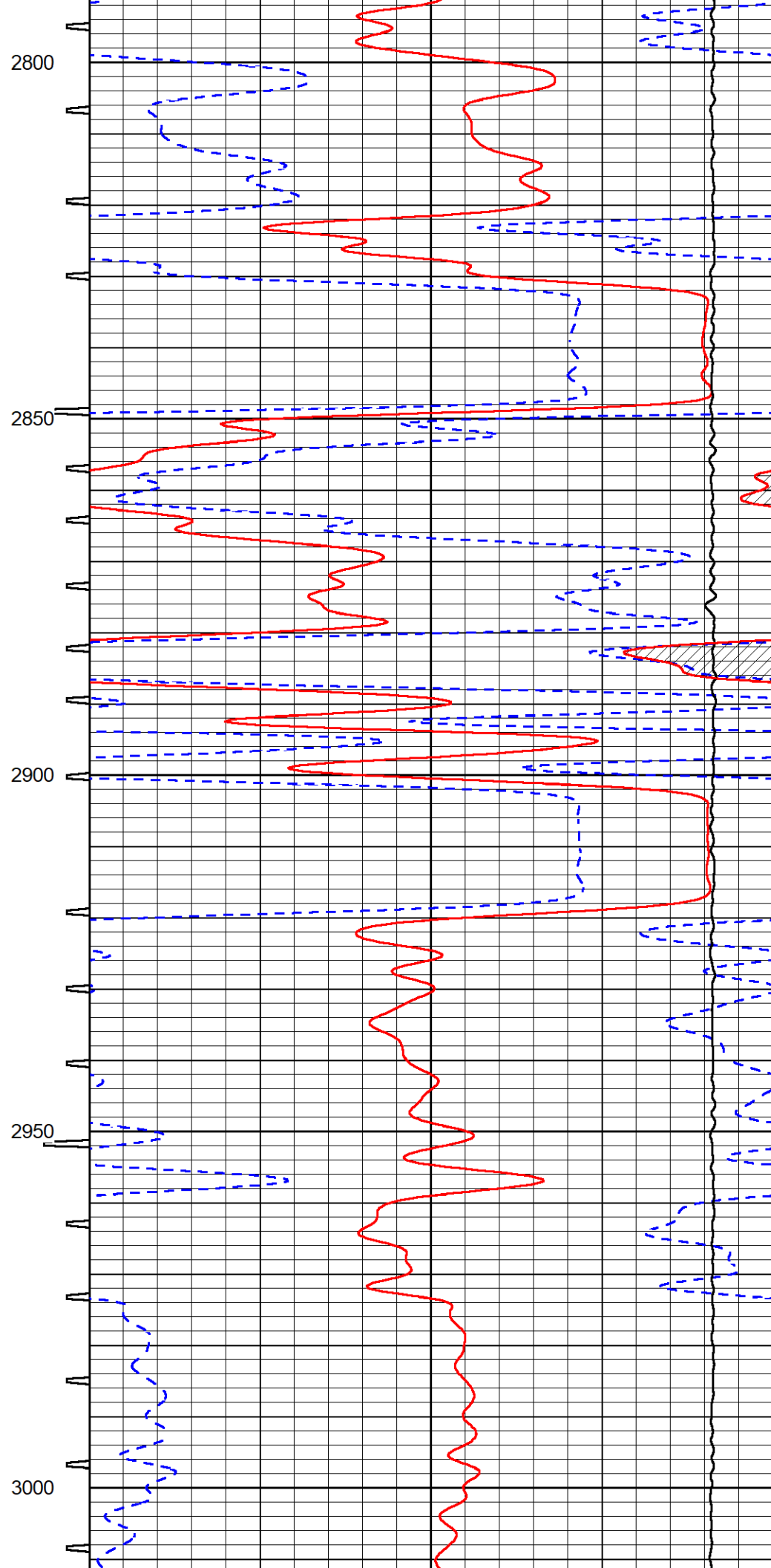
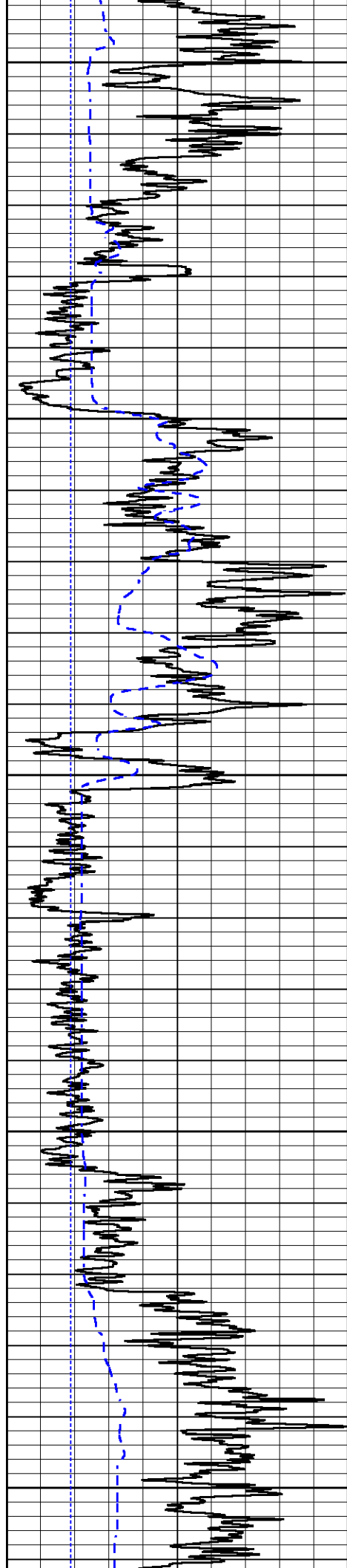


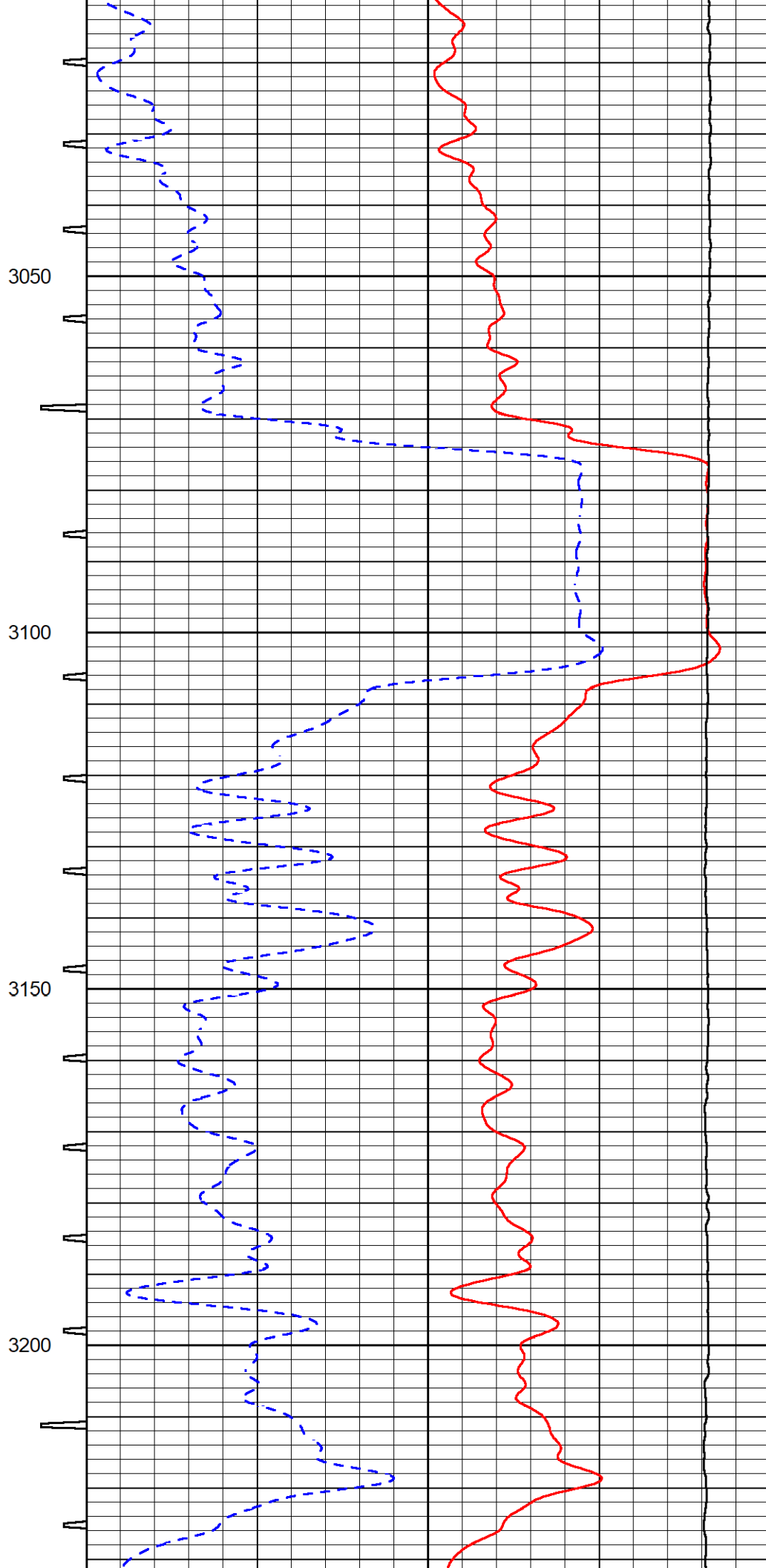
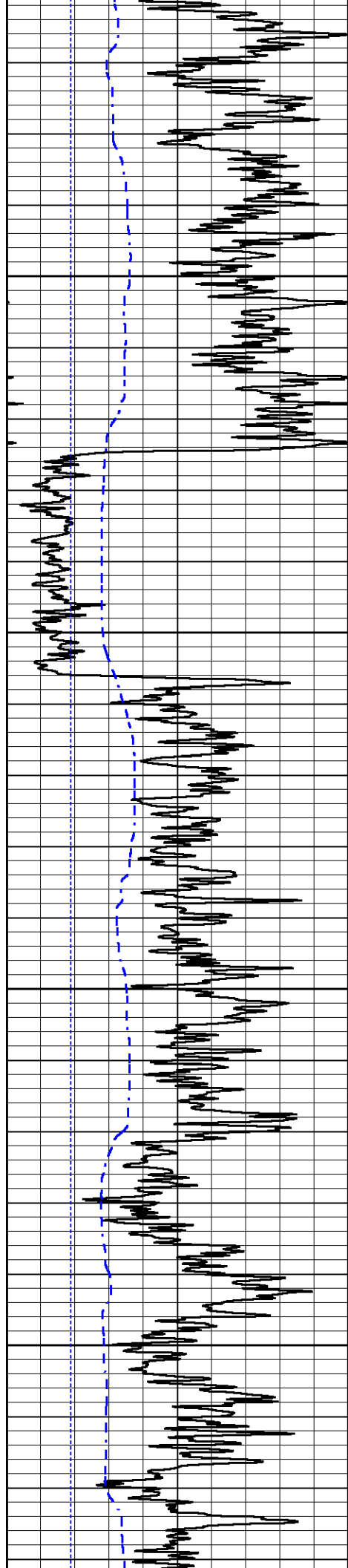


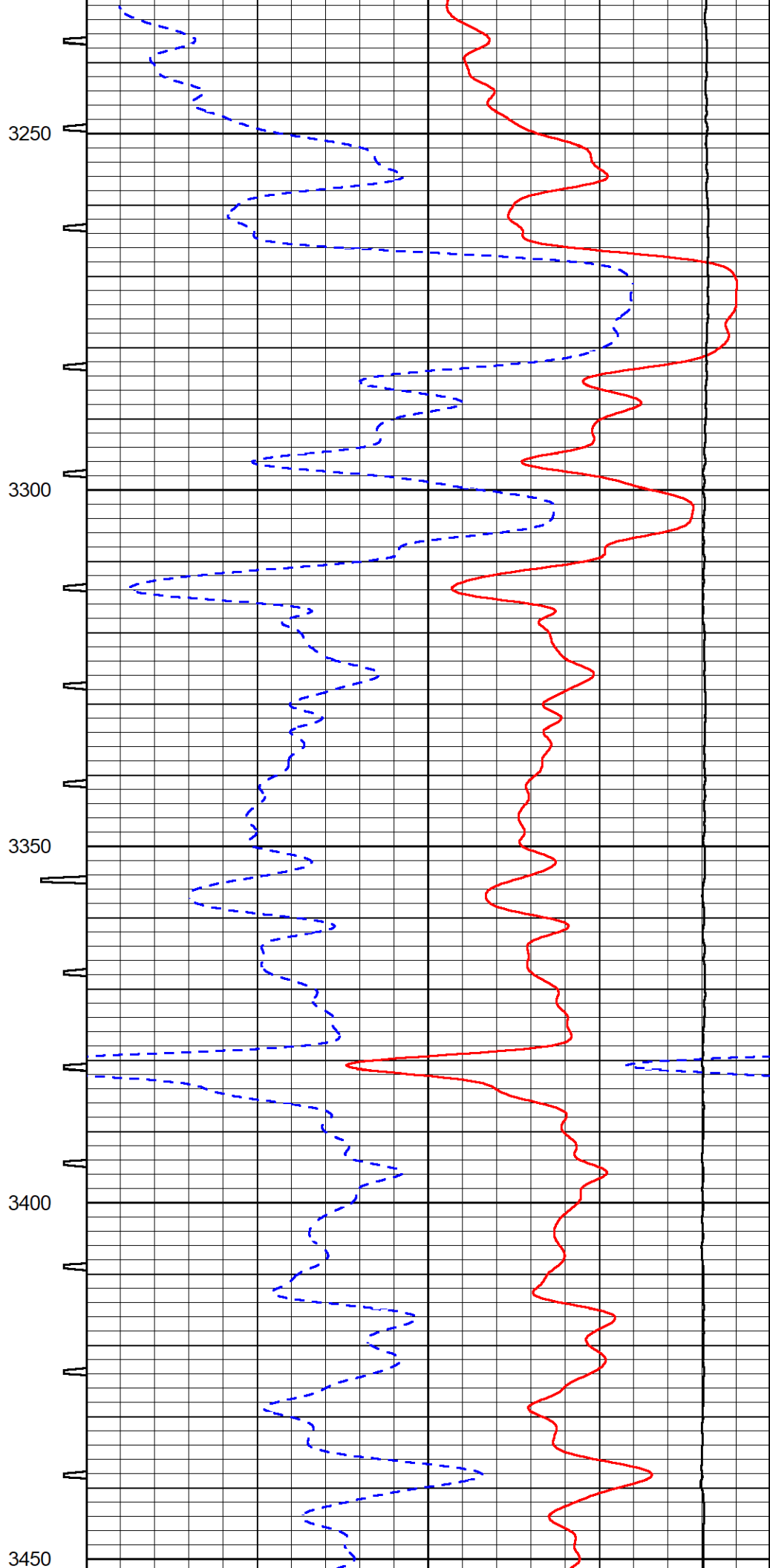
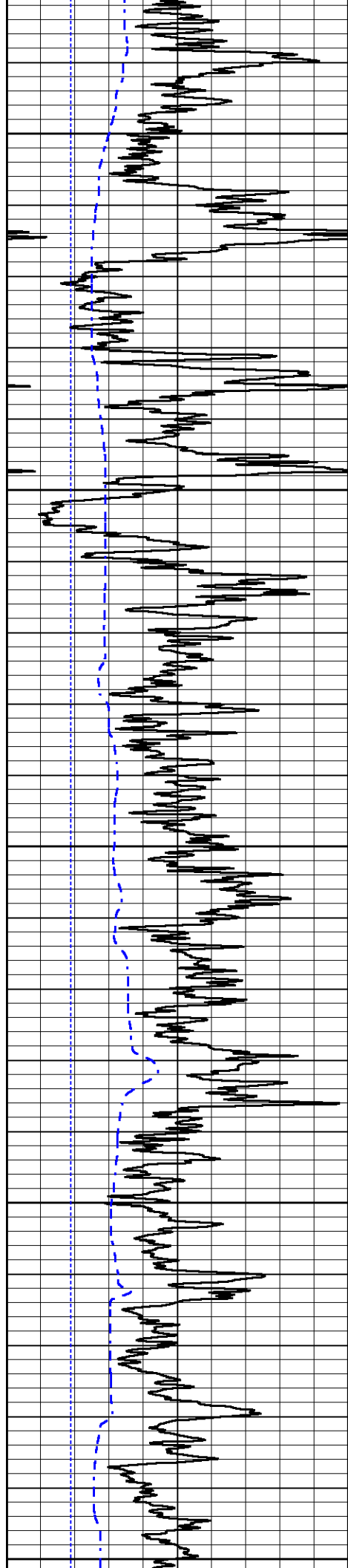


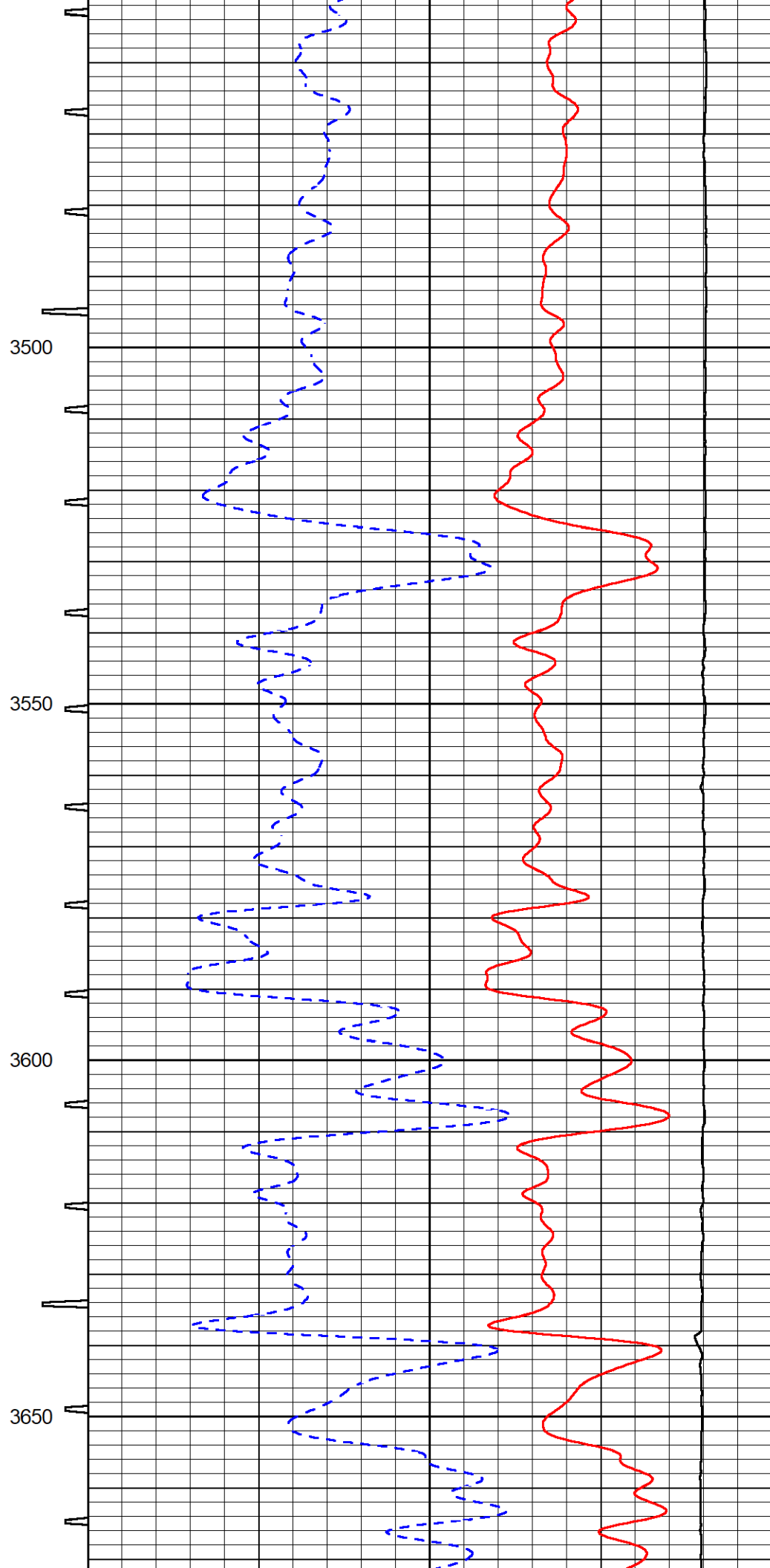
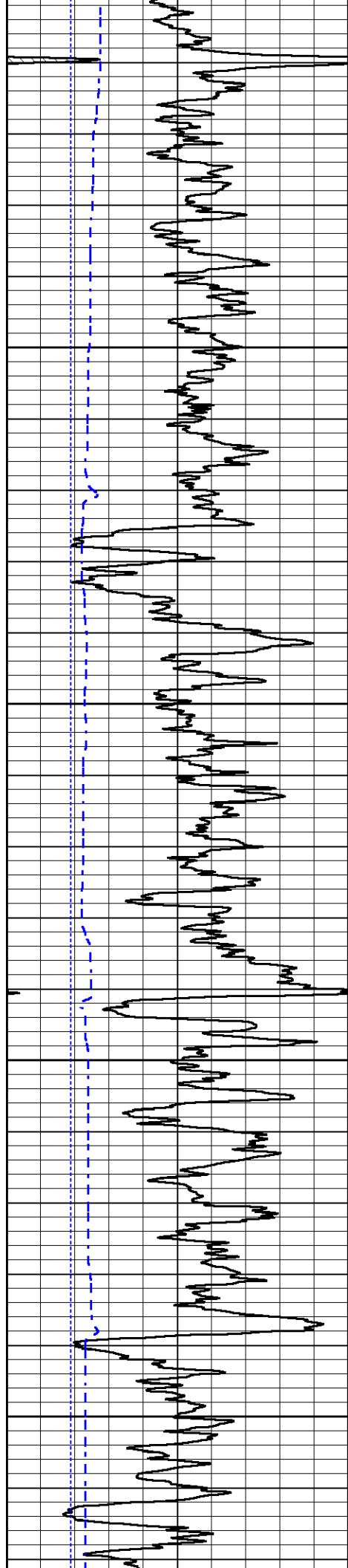


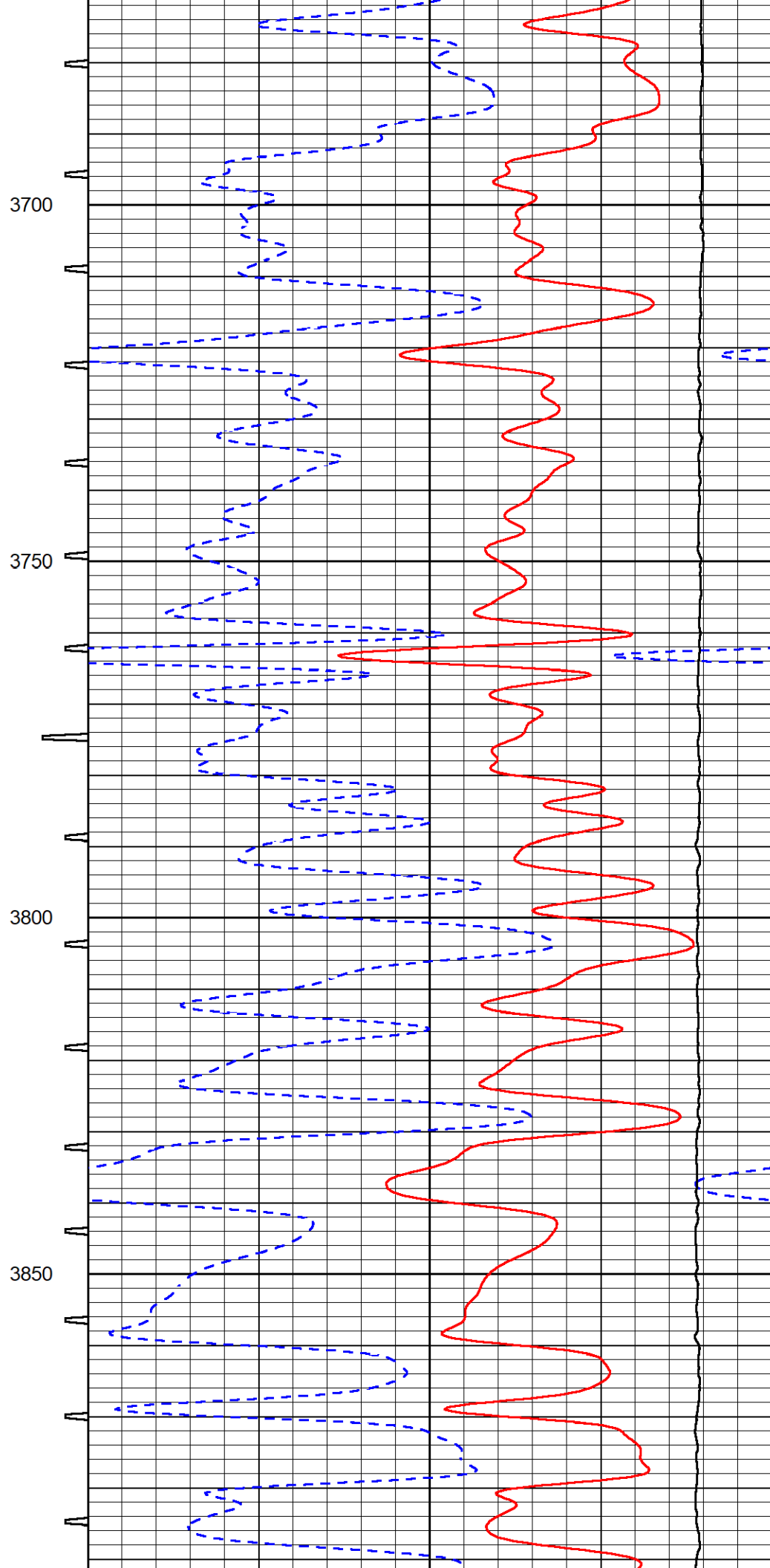
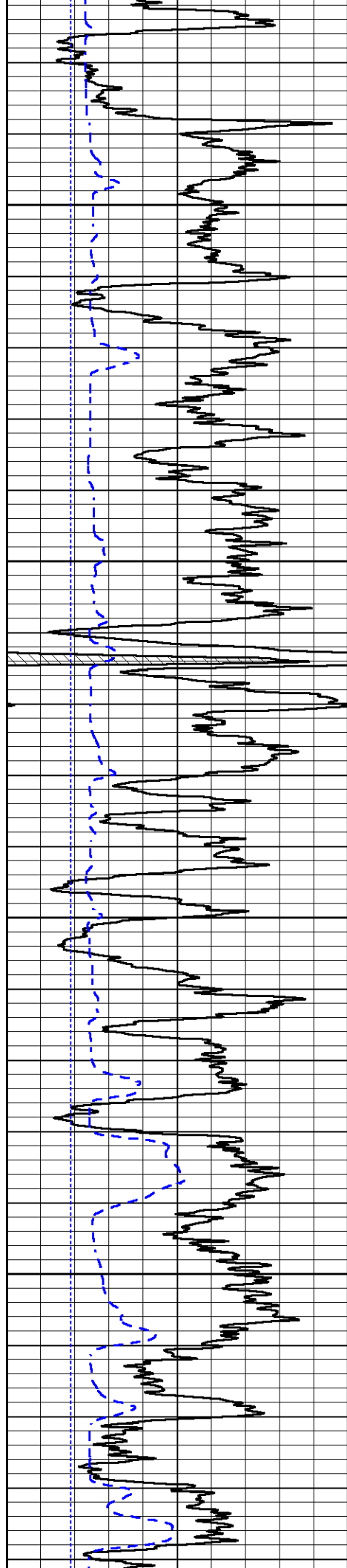


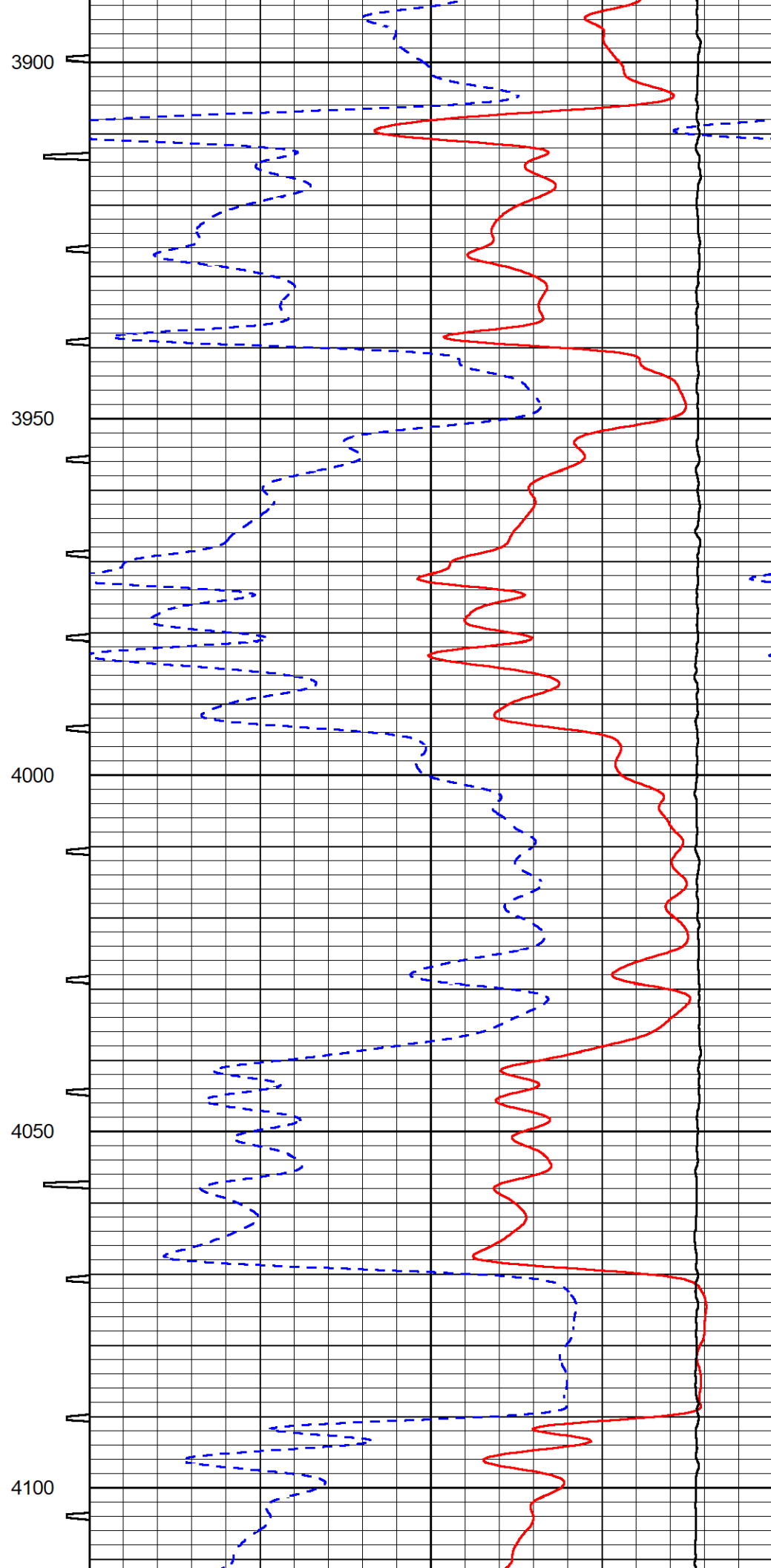
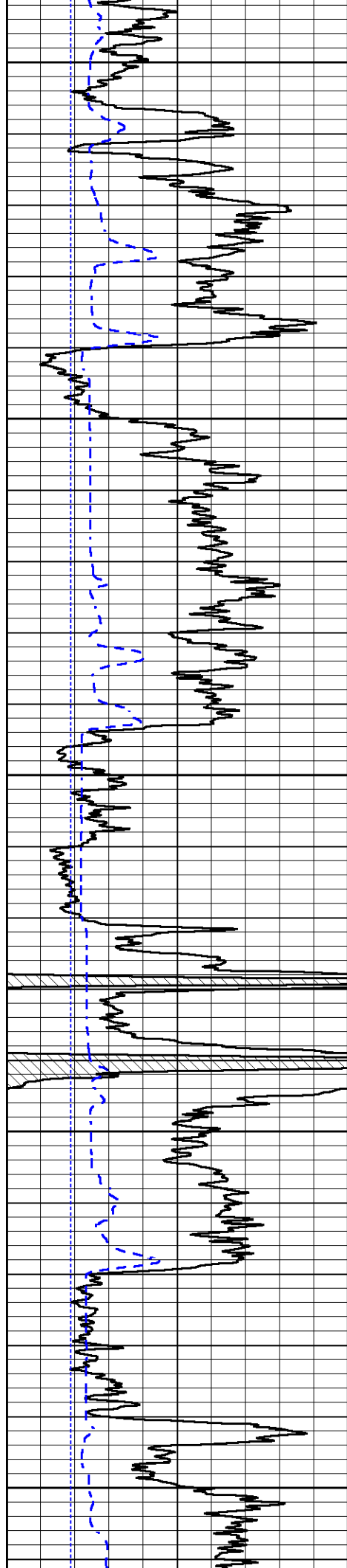


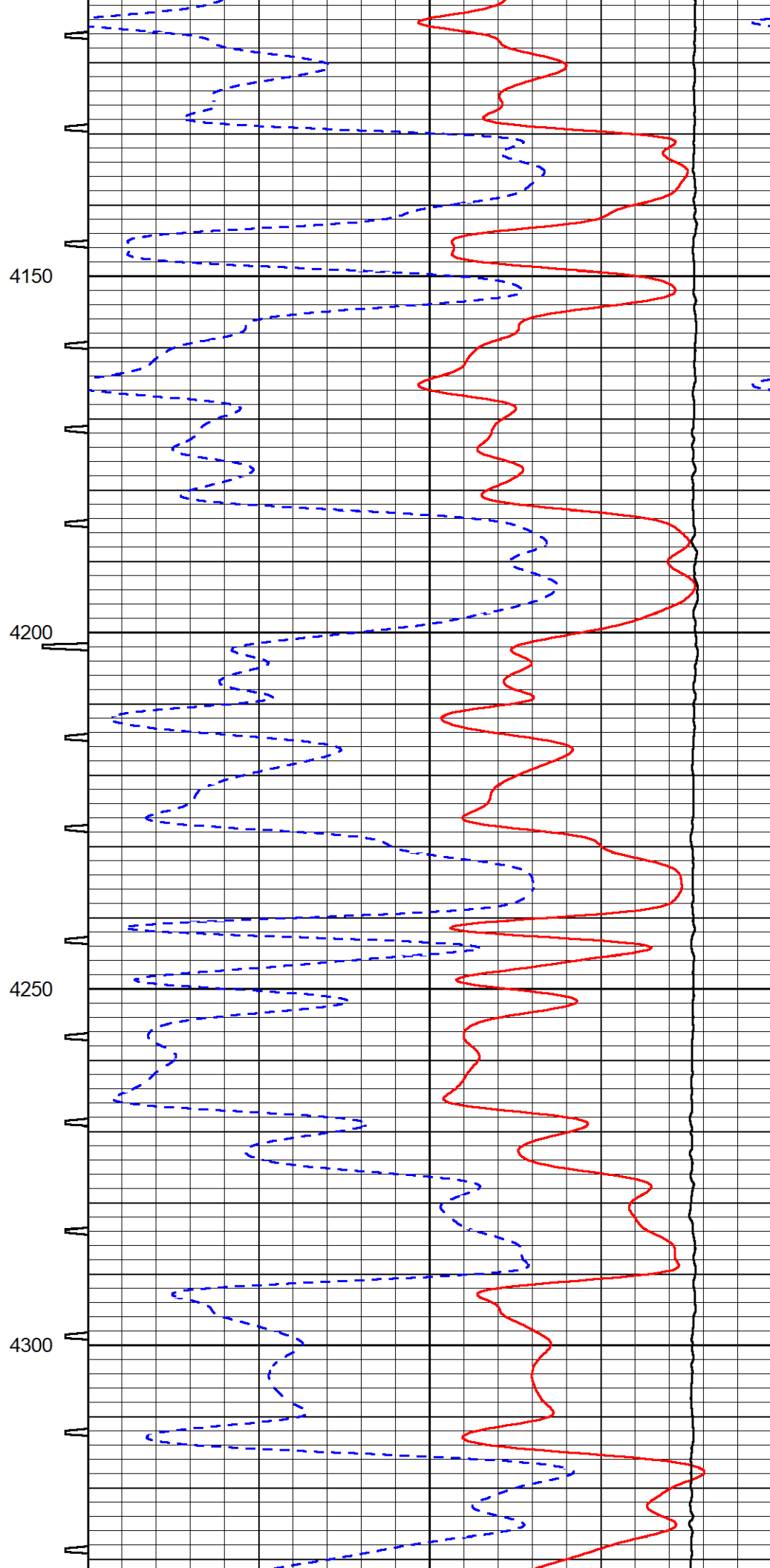
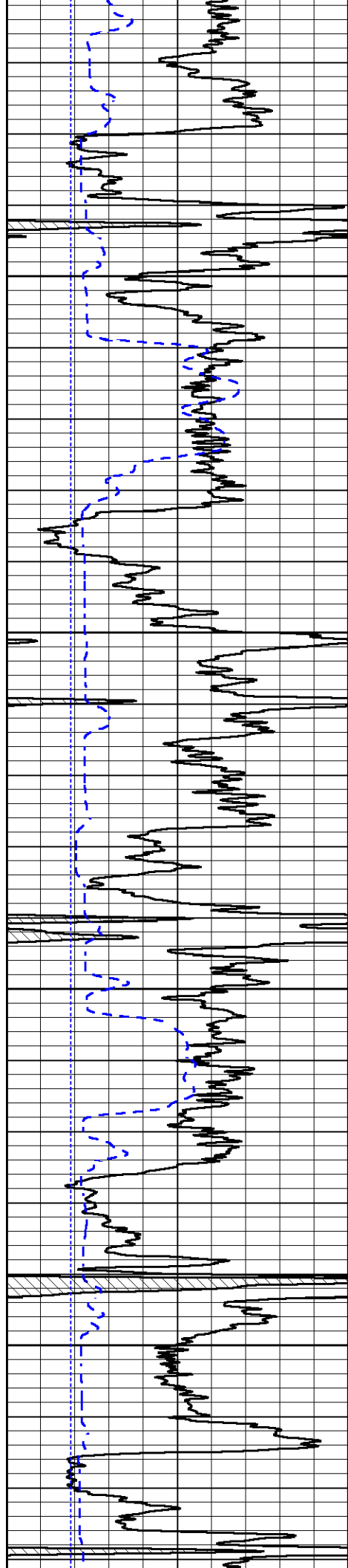


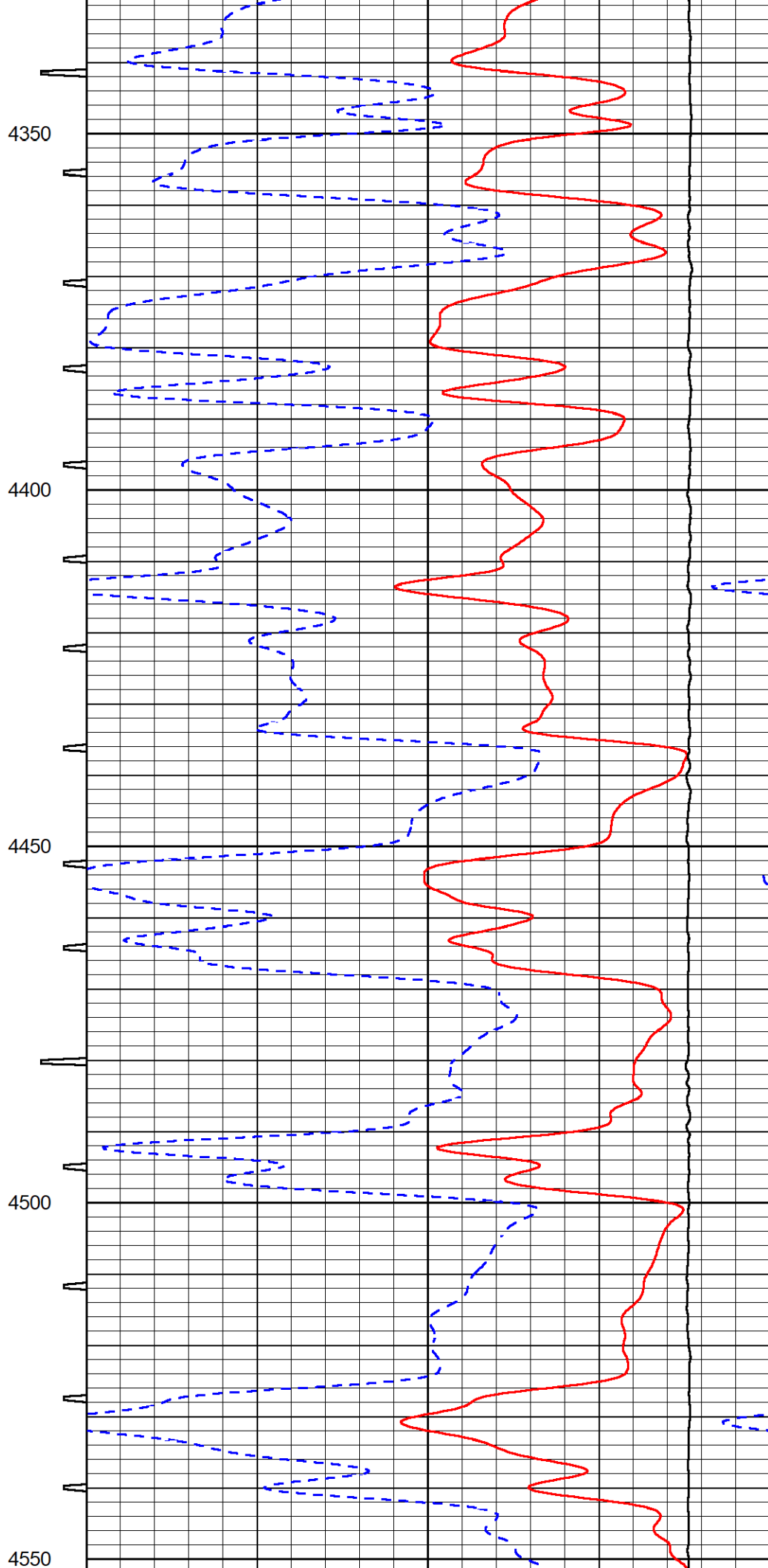
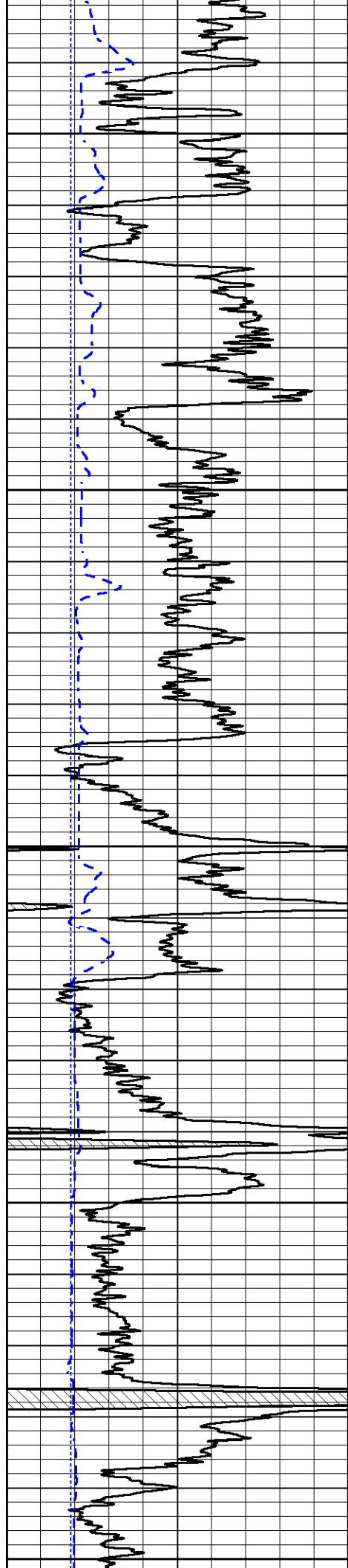


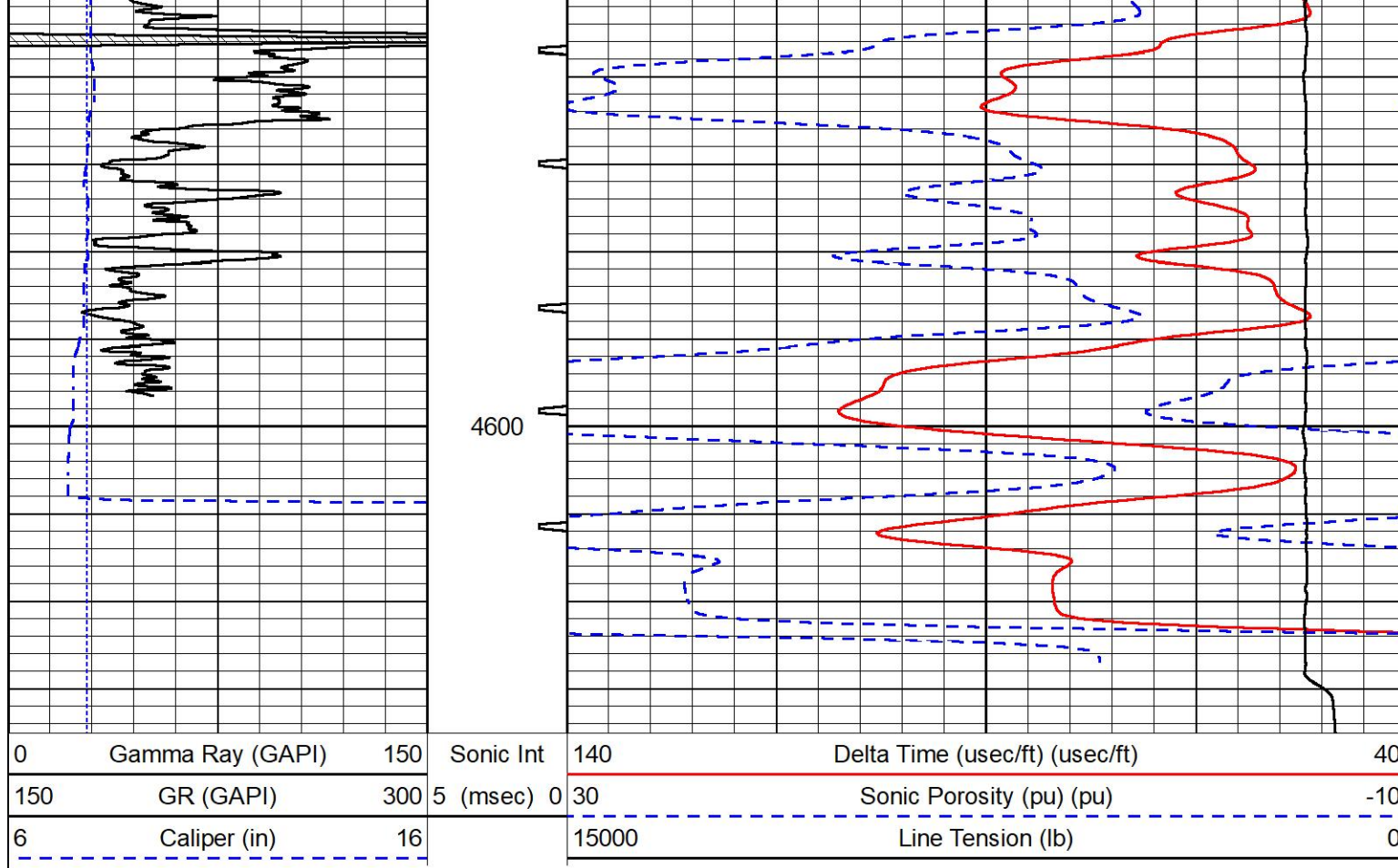












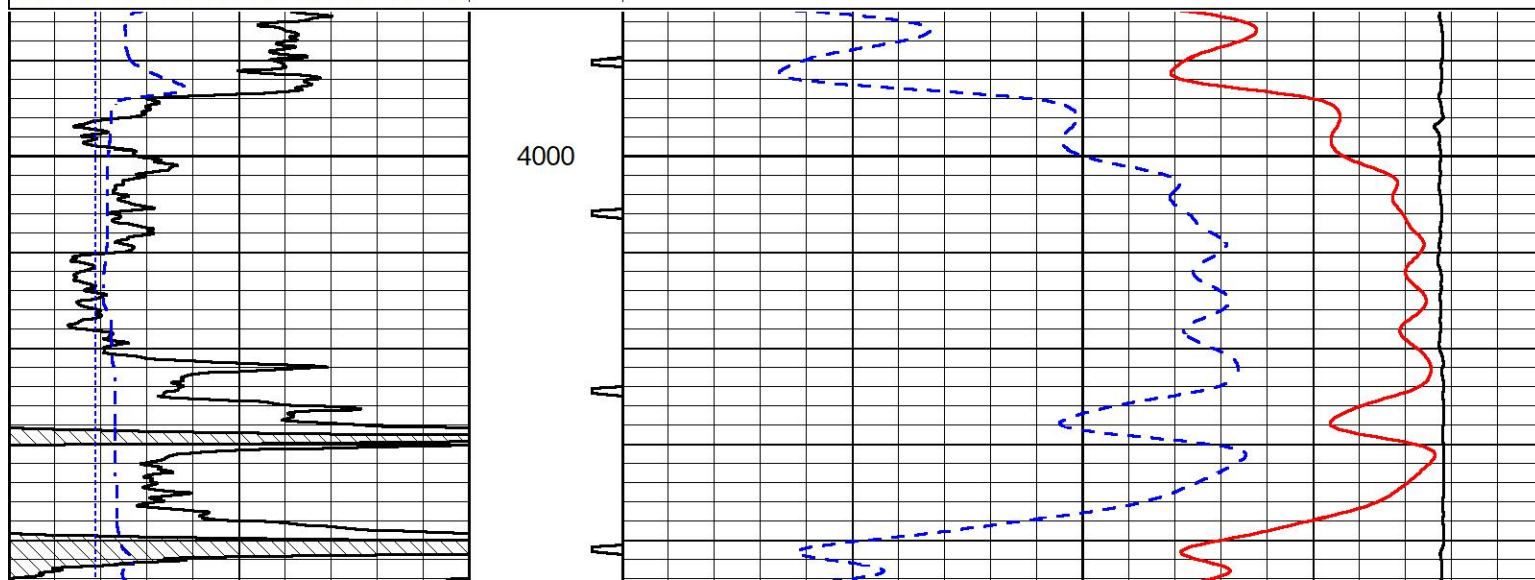
MIDWEST WIRELINE

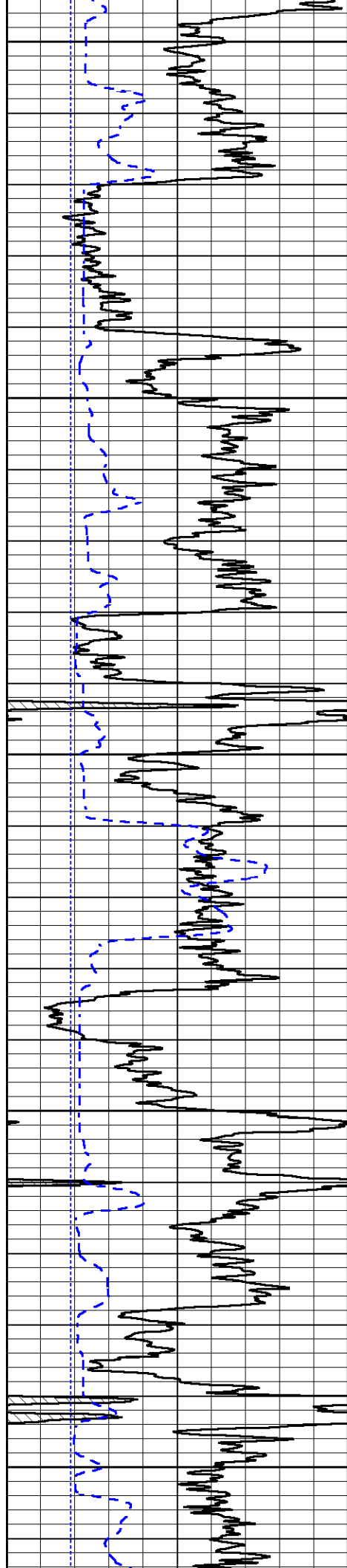
REPEAT SECTION

REPEAT PASS

Database File murfin_jean a #2-7.db
 Dataset Pathname StkMI/pass2.1
 Presentation Format _sonic
 Dataset Creation Sun Jan 09 08:55:57 2022
 Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	GR (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu) (pu)	-10
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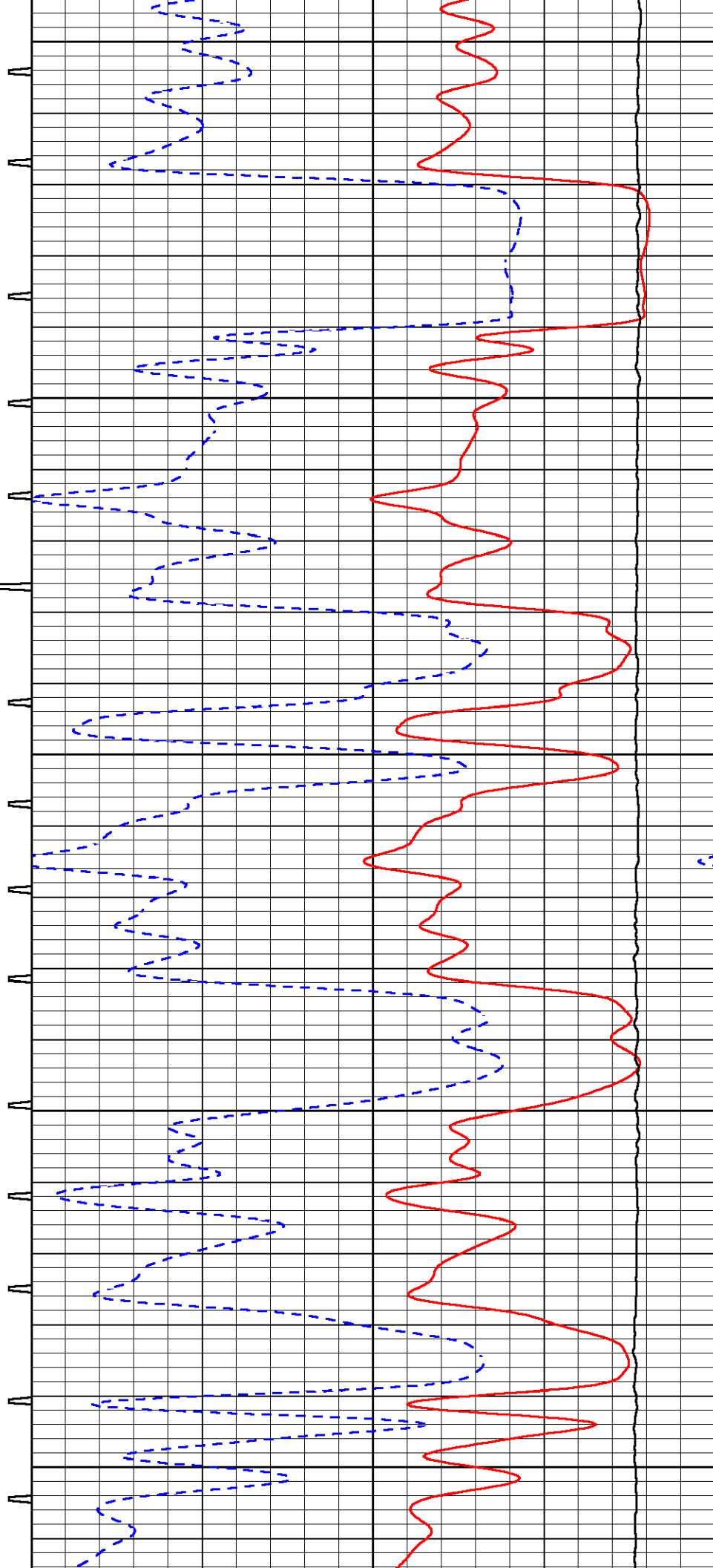
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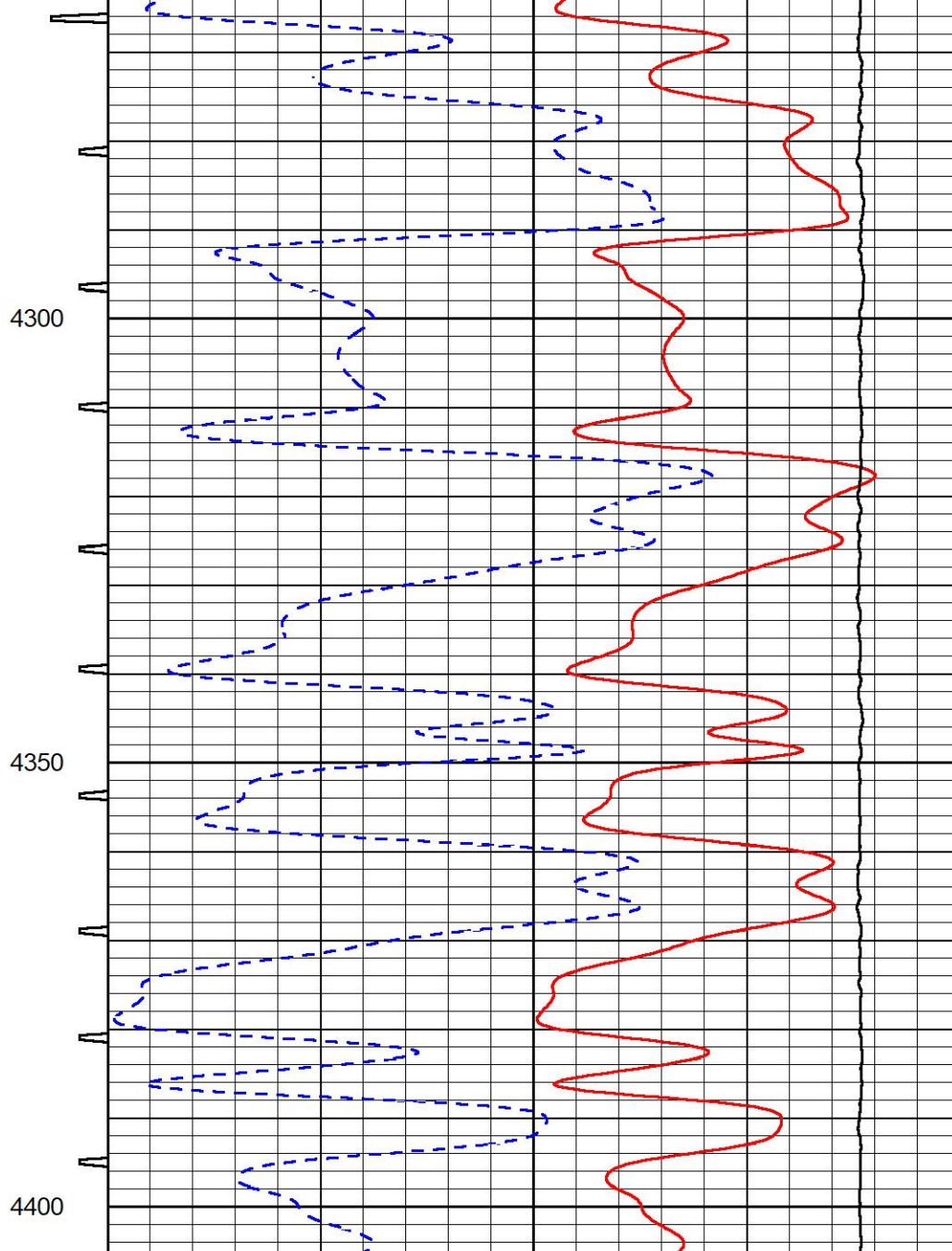
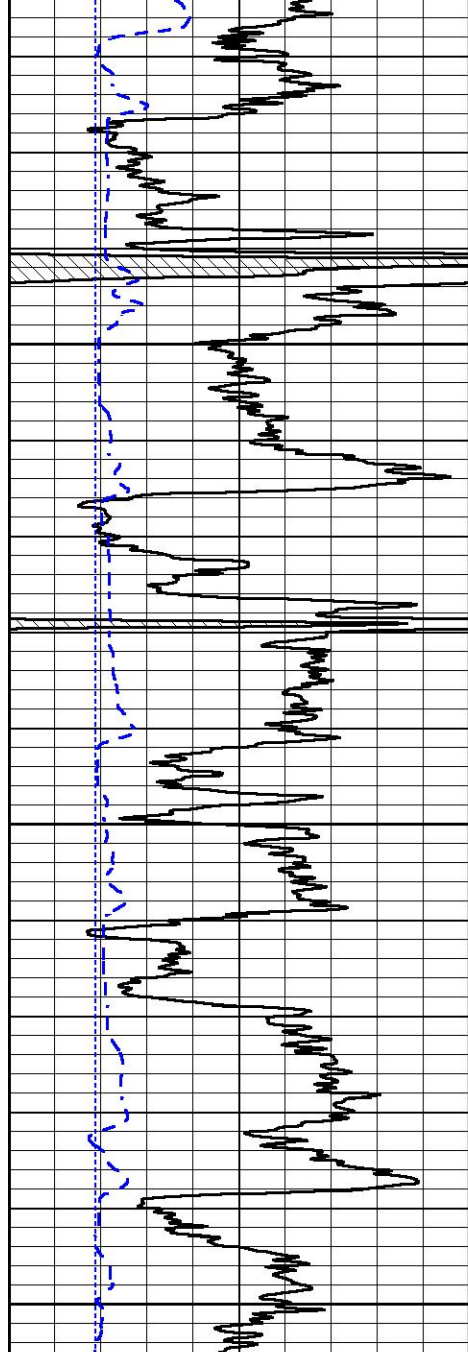
4100

4150

4200

4250





0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
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