

BOREHOLE COMPENSATED SONIC LOG

MIDWEST WIRELINE

Company American Warrior, Inc.

Well Wark #1-21

Field

County Thomas

State Kansas

Location: API #: 15-193-21130-00-00

Other Services

1218 FSL & 349 FEL

SEC 21 TWP 6S RGE 31W

Permanent Datum Ground Level Elevation 2951

Log Measured From Kelly Bushing

Elevation

K.B. 2962

D.F. 2951

G.L. 2951

Date 8/29/2024

Run Number Two

Type Log BHCS

Depth Driller 4563

Depth Logger 4562

Bottom Logged Interval 4550

Top Logged Interval 350

Type Fluid In Hole Chemical

Salinity, PPM CL 3000

Density 9.4

Level Full

Max. Rec. Temp. F 118

Operating Rig Time 4 Hours

Equipment -- Location 110 HAYS

Recorded By D. Schmidt

Witnessed By Marc Downing

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	0	352	8.625	23	0	352
Two	7.875	352	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.

Rexford,
North to Y Rd, 1 West, 1North, 1 West, 1 1/4 North,
West into

Log Measured From: Kelly Bushing 11 Ft. Above Permanent Datum

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

Your Midwest Wireline Crew

Engineer: D. Schmidt
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Marc Downing
Secondary Witness:
Secondary Witness:
Secondary Witness:

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in	degF	in	in	g/cc	2	g/cc
	7.875	118	5.5	0	1		2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	No	mmho/m	mmho/m	mV	degF	Off	ft
		0	0	175	85		4562

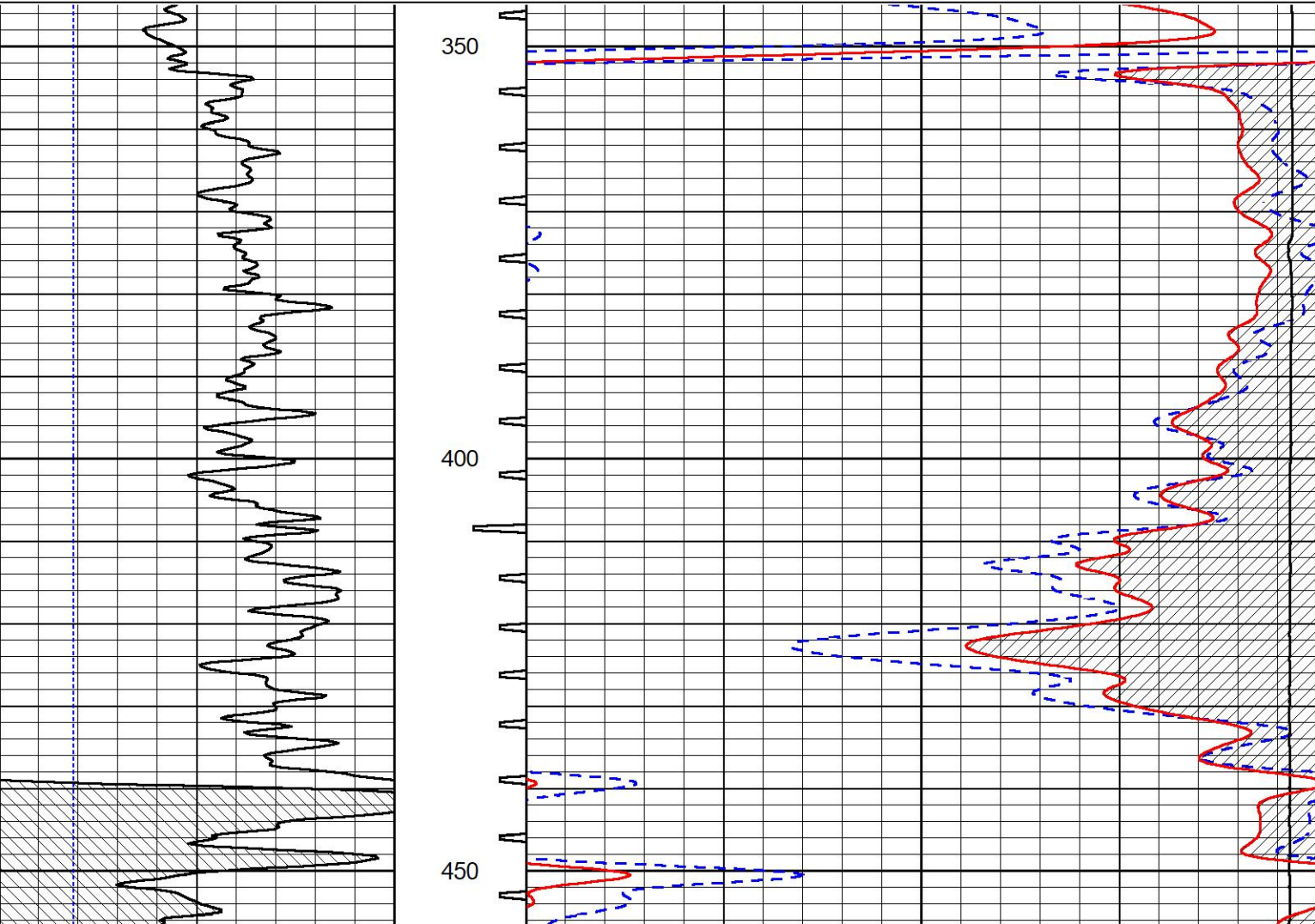


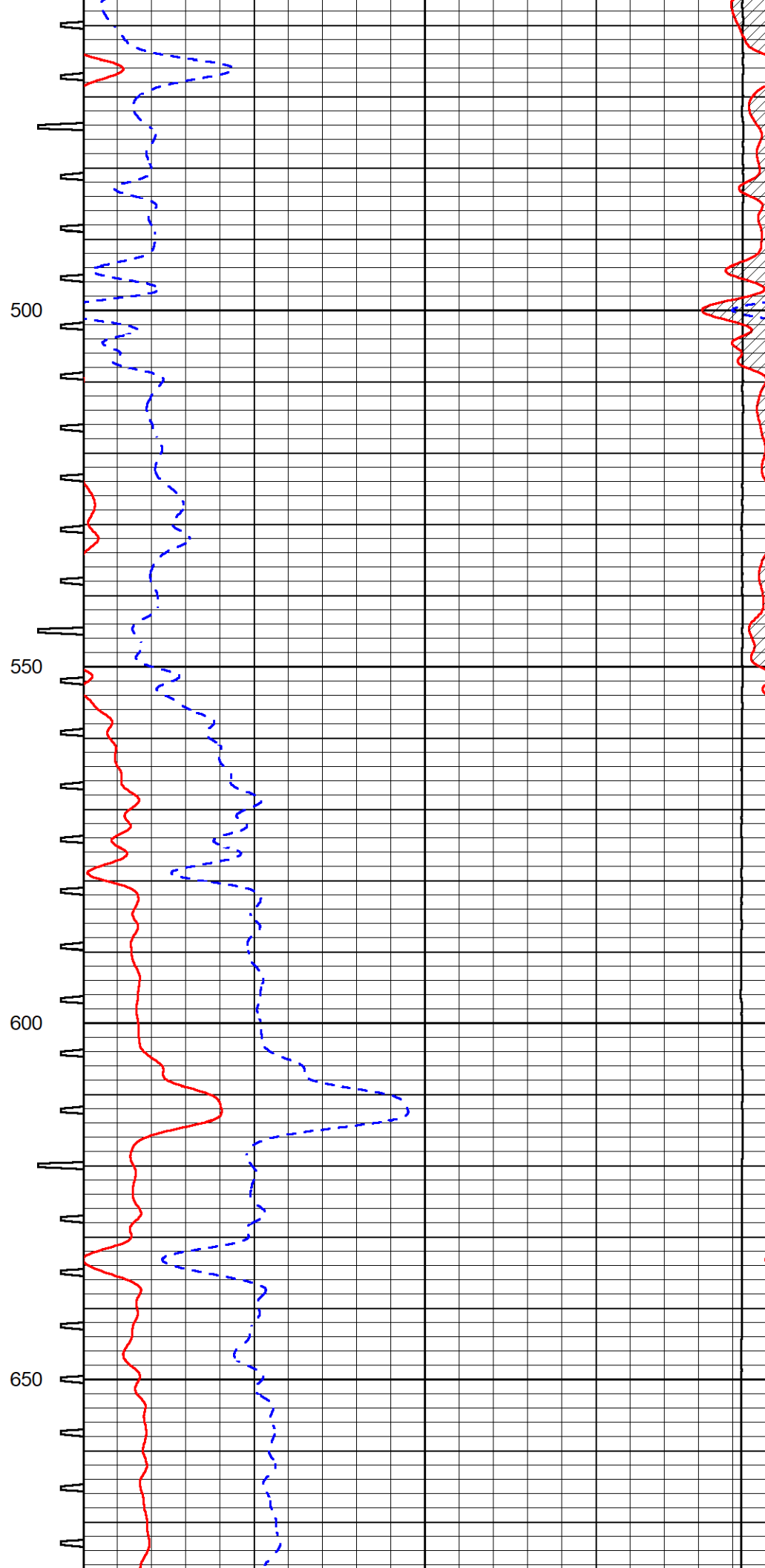
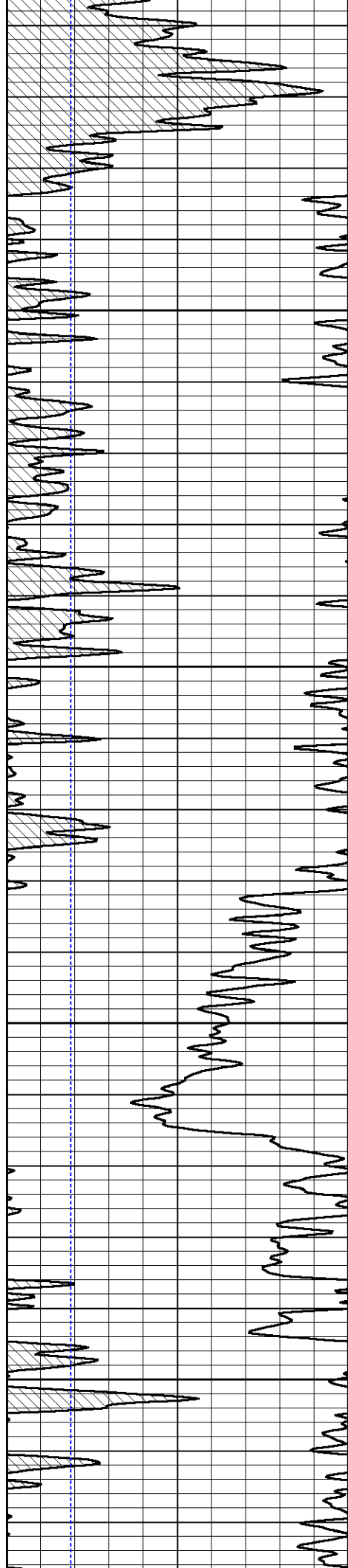
DETAIL SECTION

MAIN PASS

Database File amwar_wark 1-21.db
Dataset Pathname stack/pass3.1
Presentation Format _sonic
Dataset Creation Thu Aug 29 22:33:31 2024
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
				15000	Line Tension (lb)	0



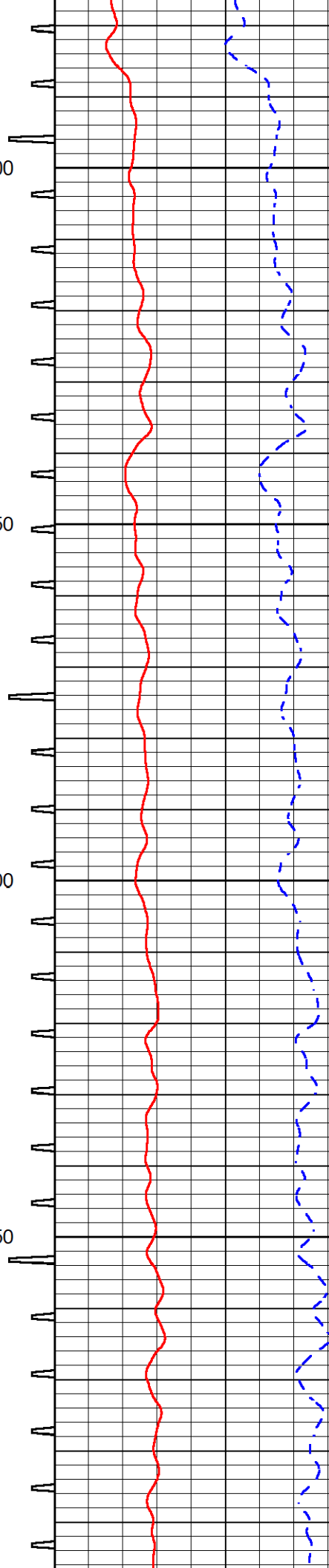
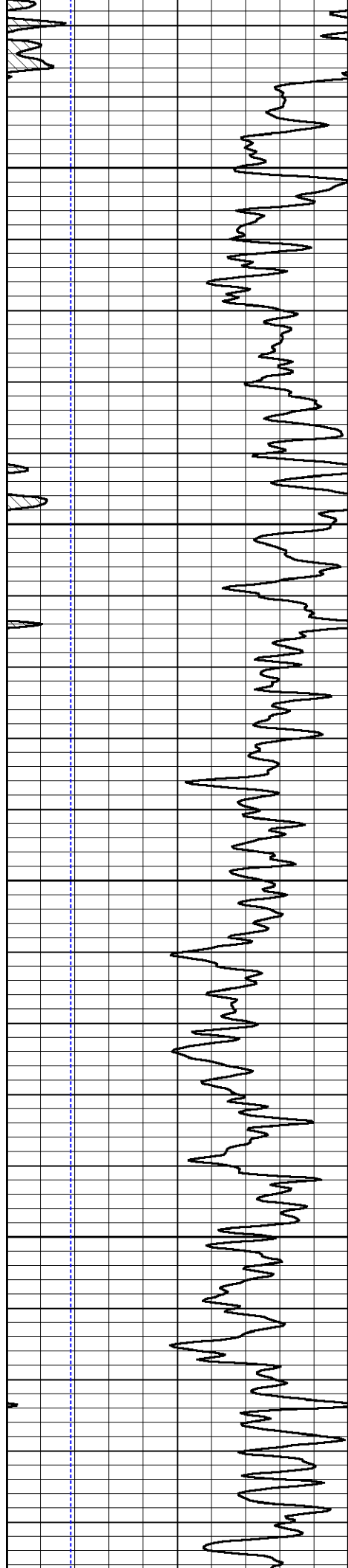


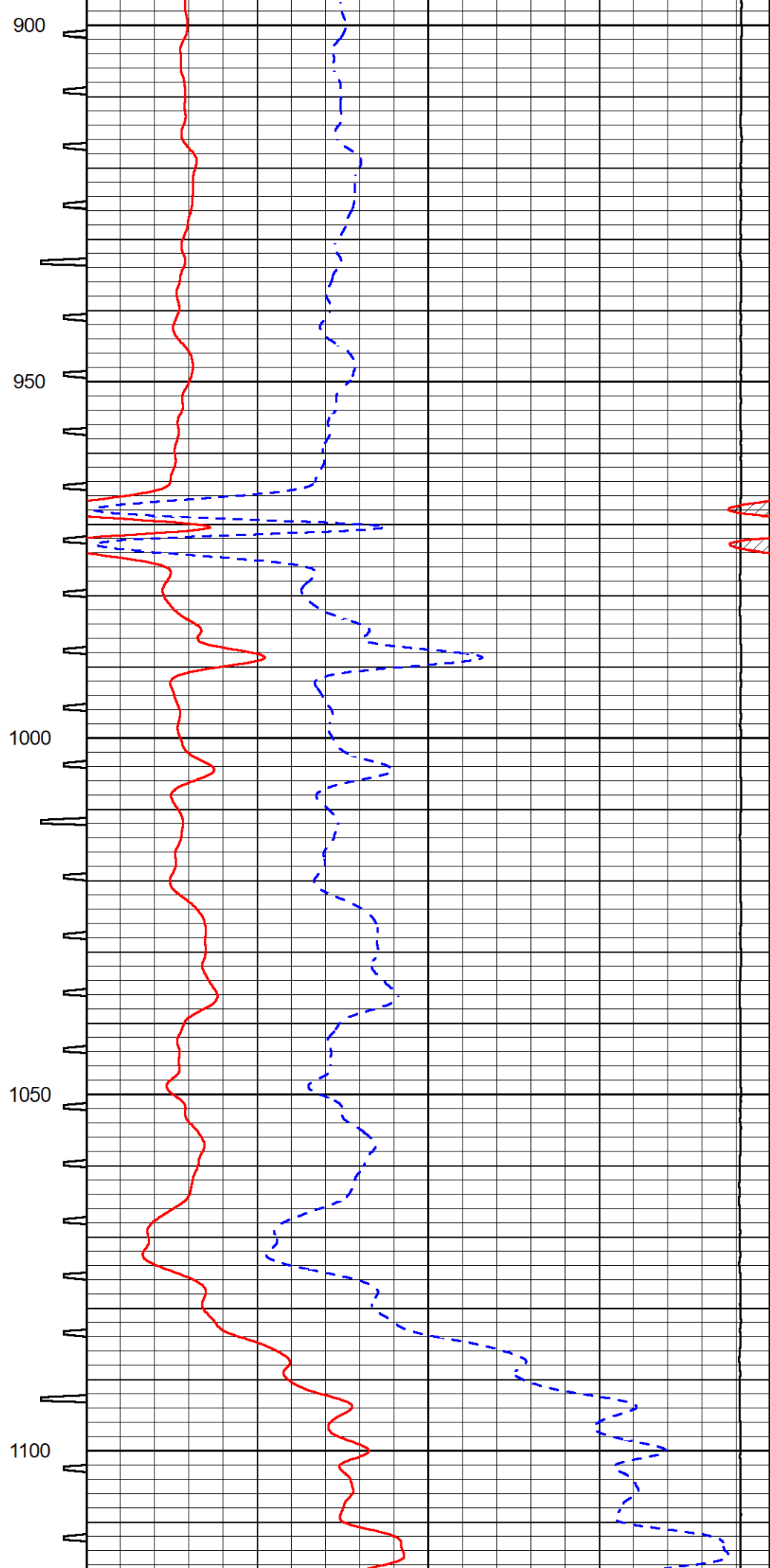
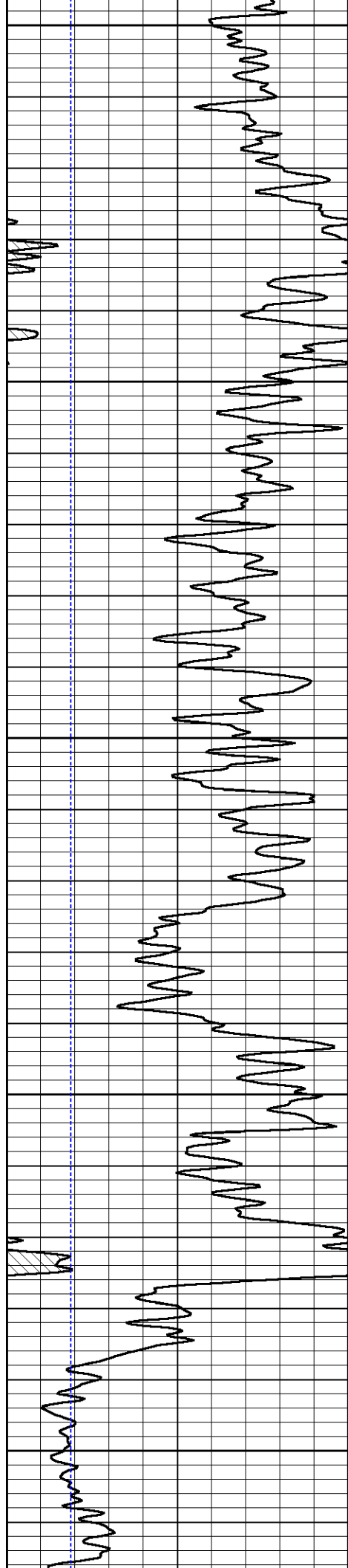
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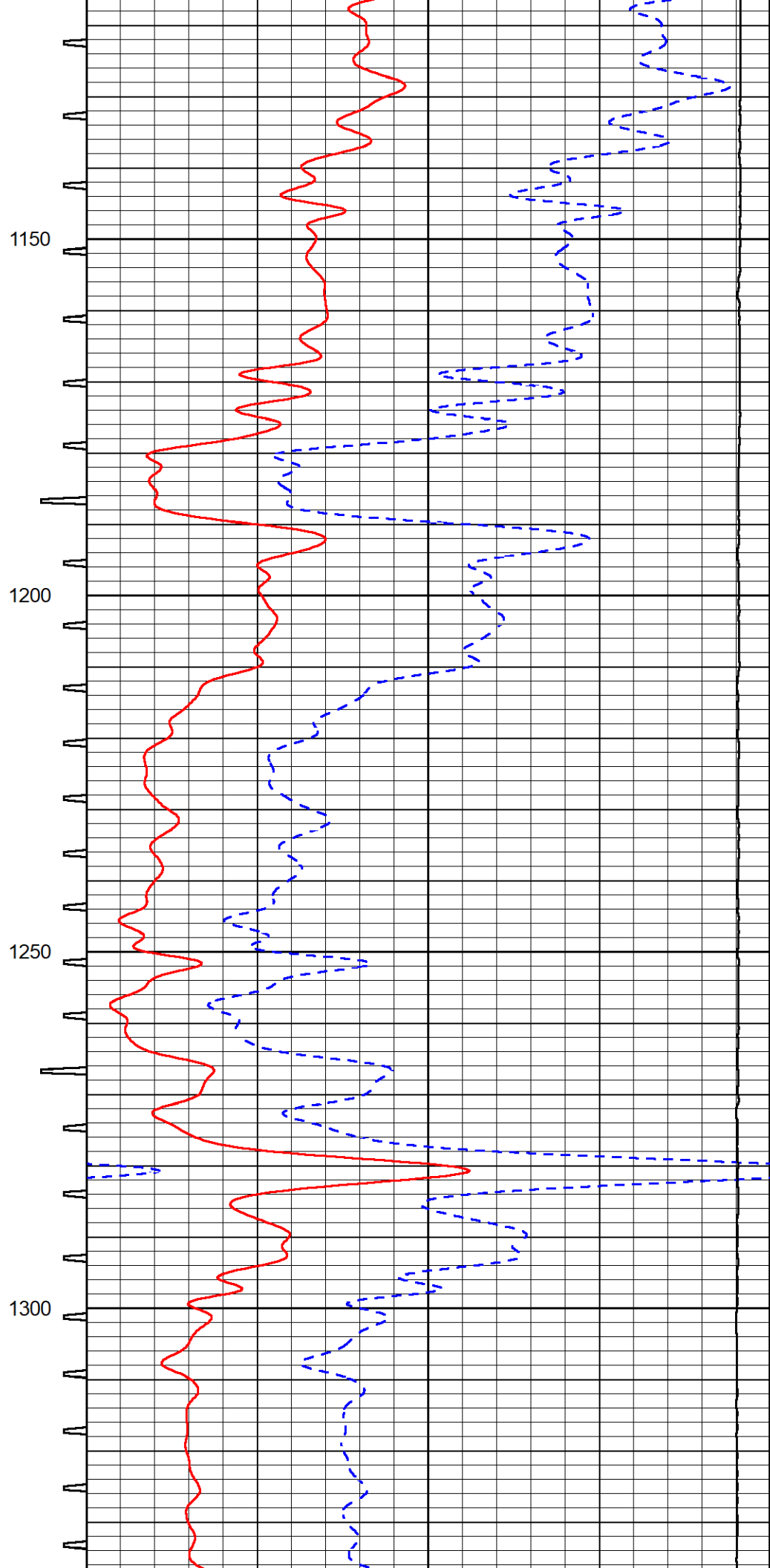
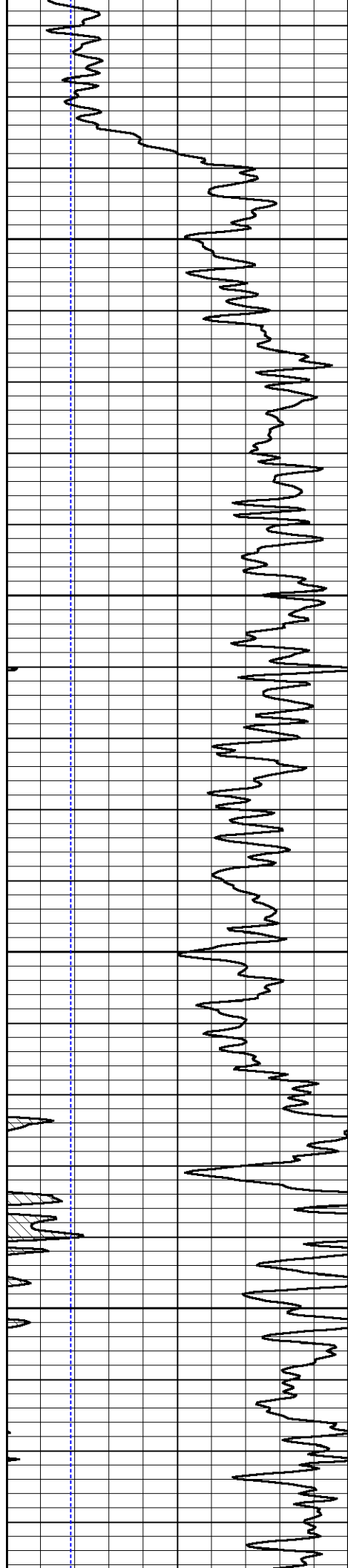
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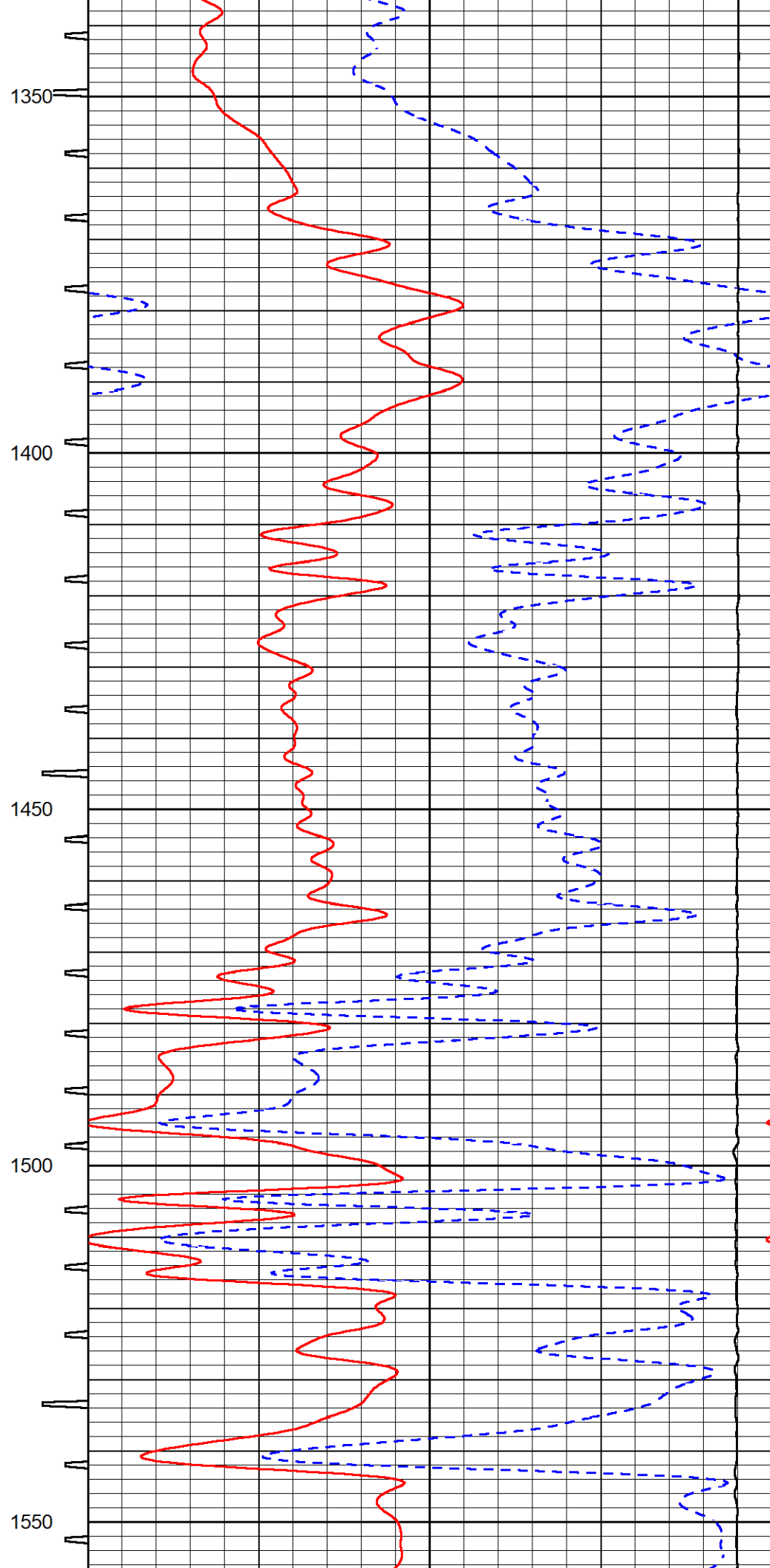
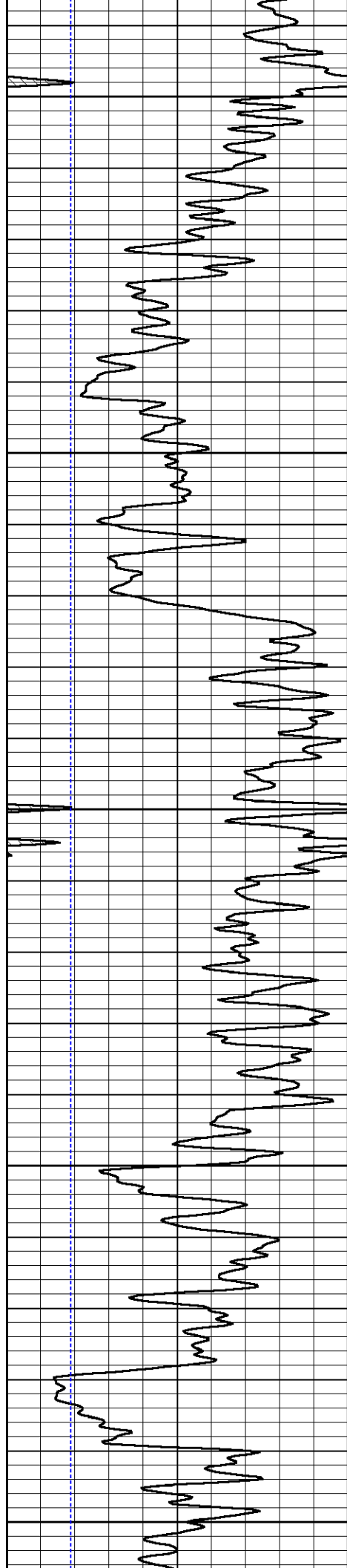
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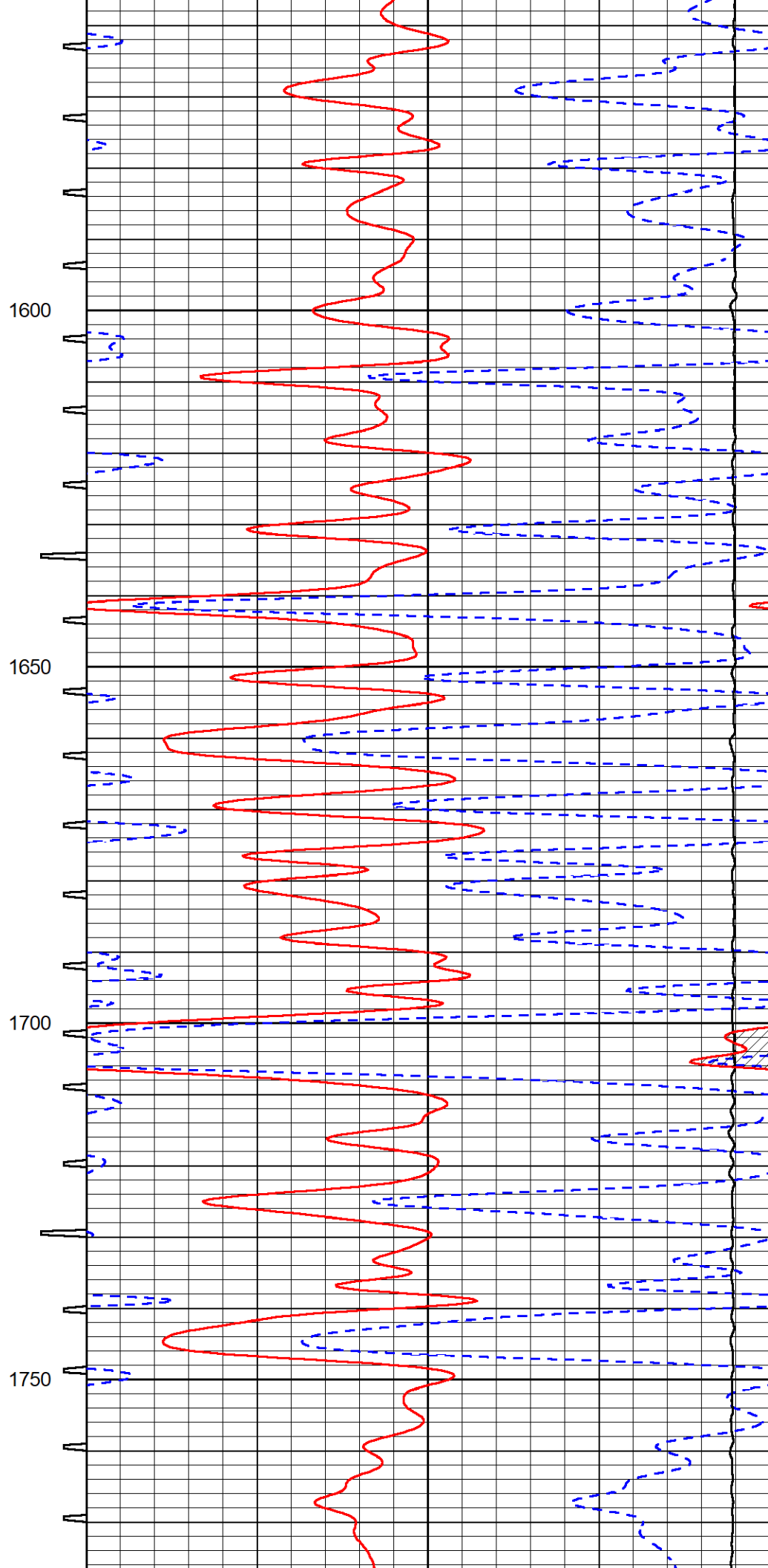
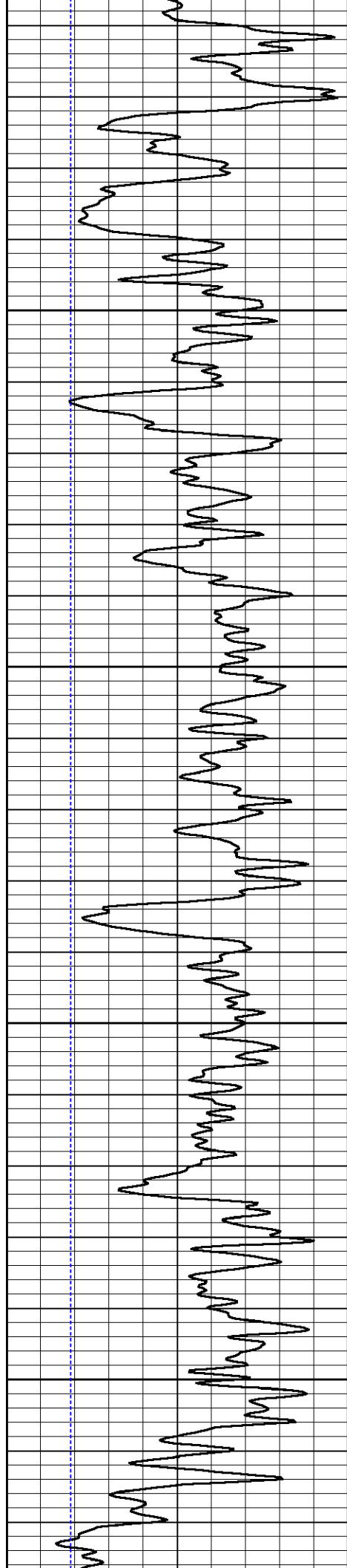
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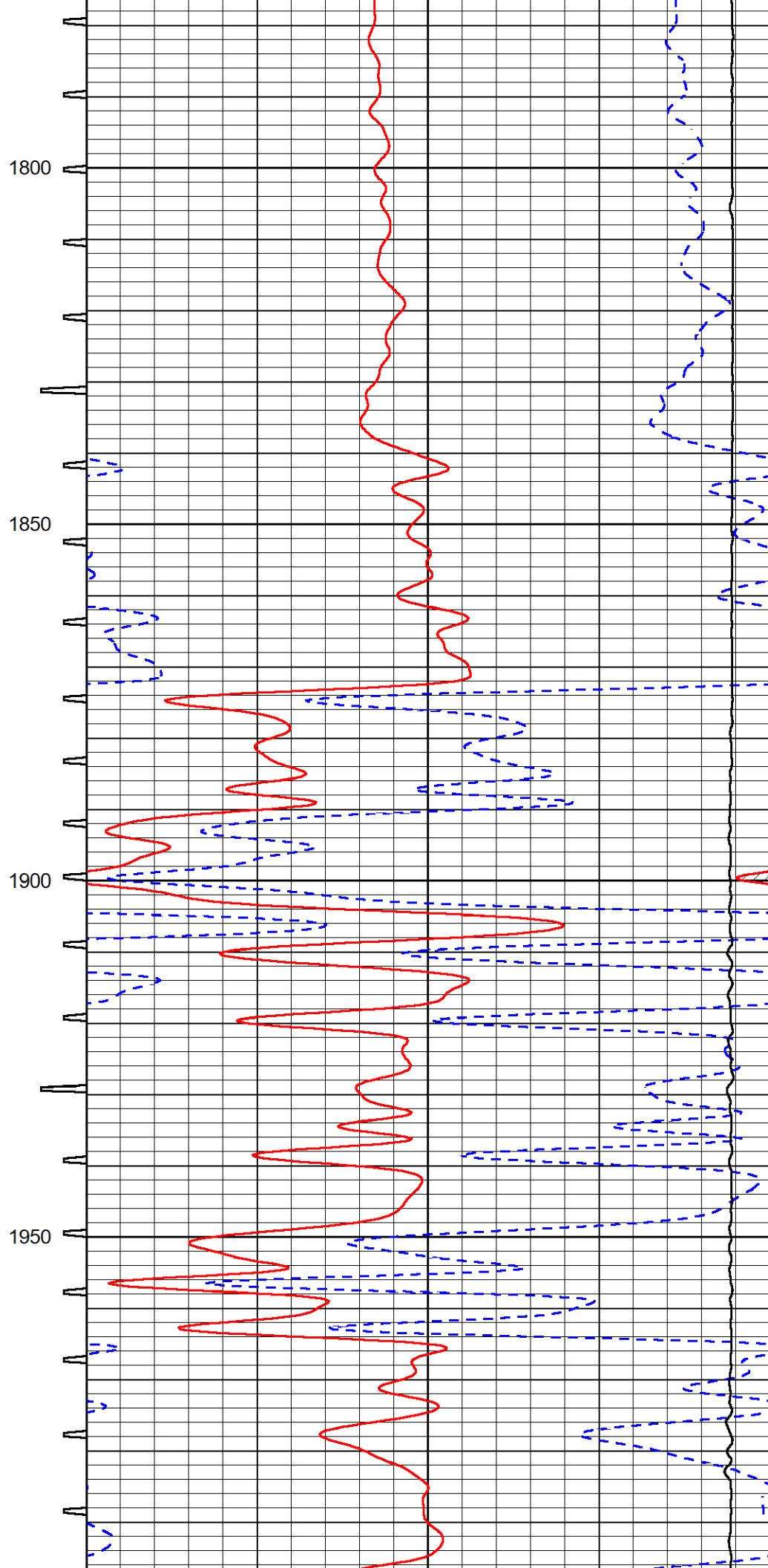
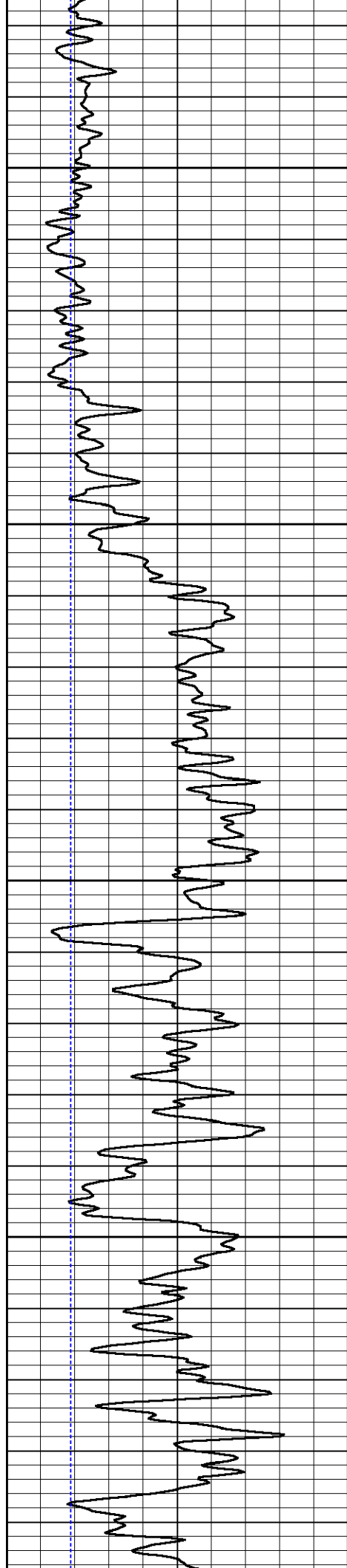


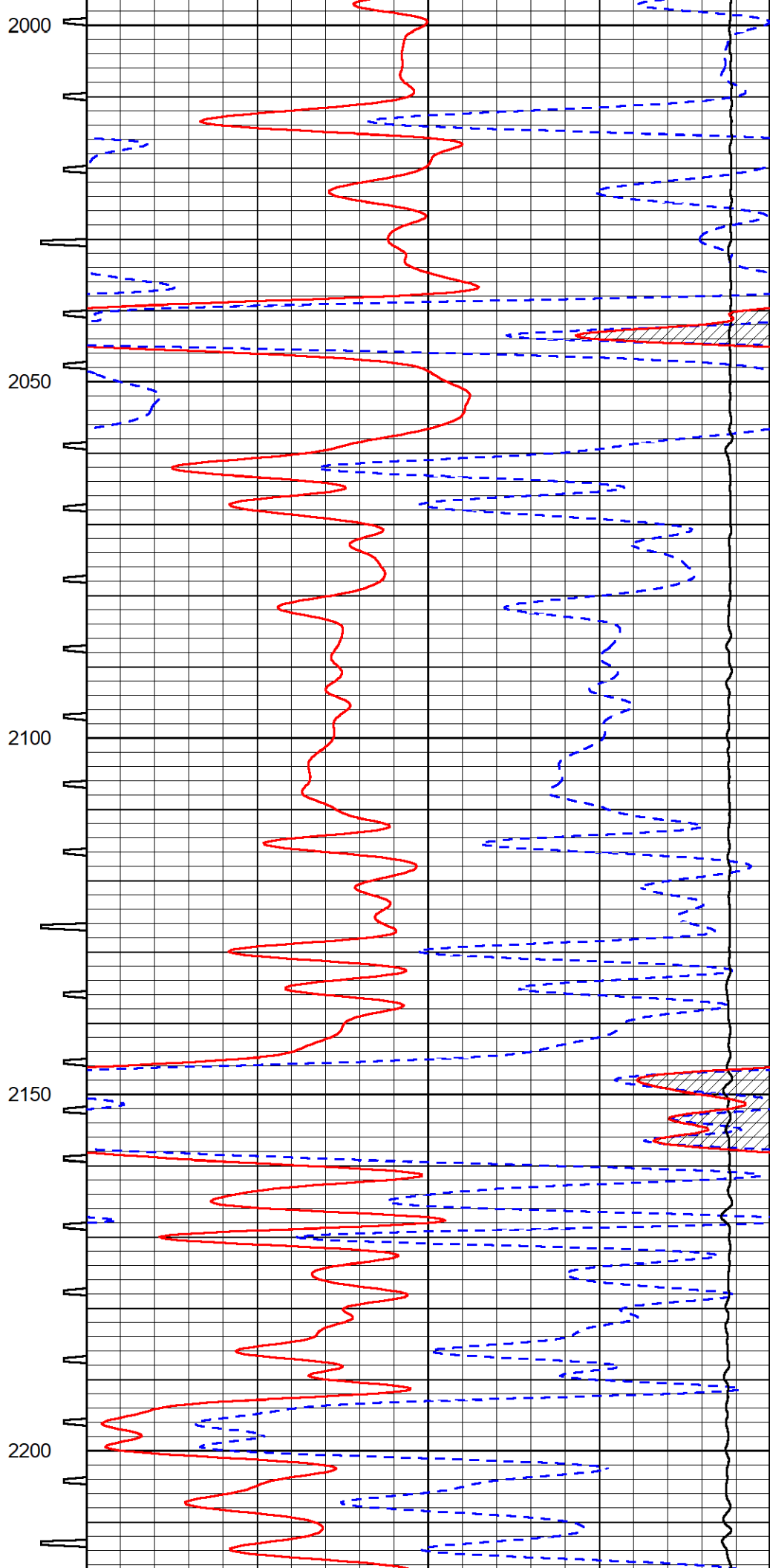
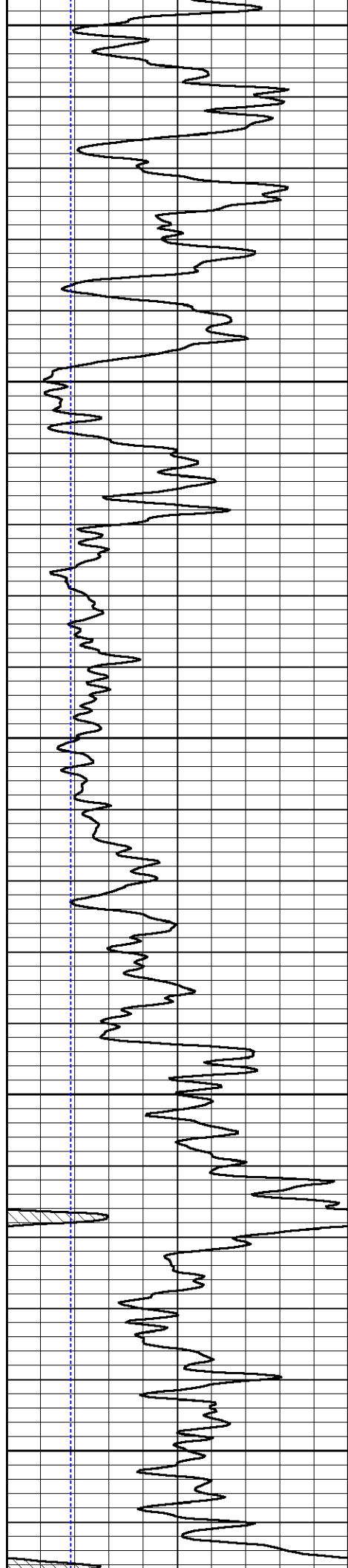


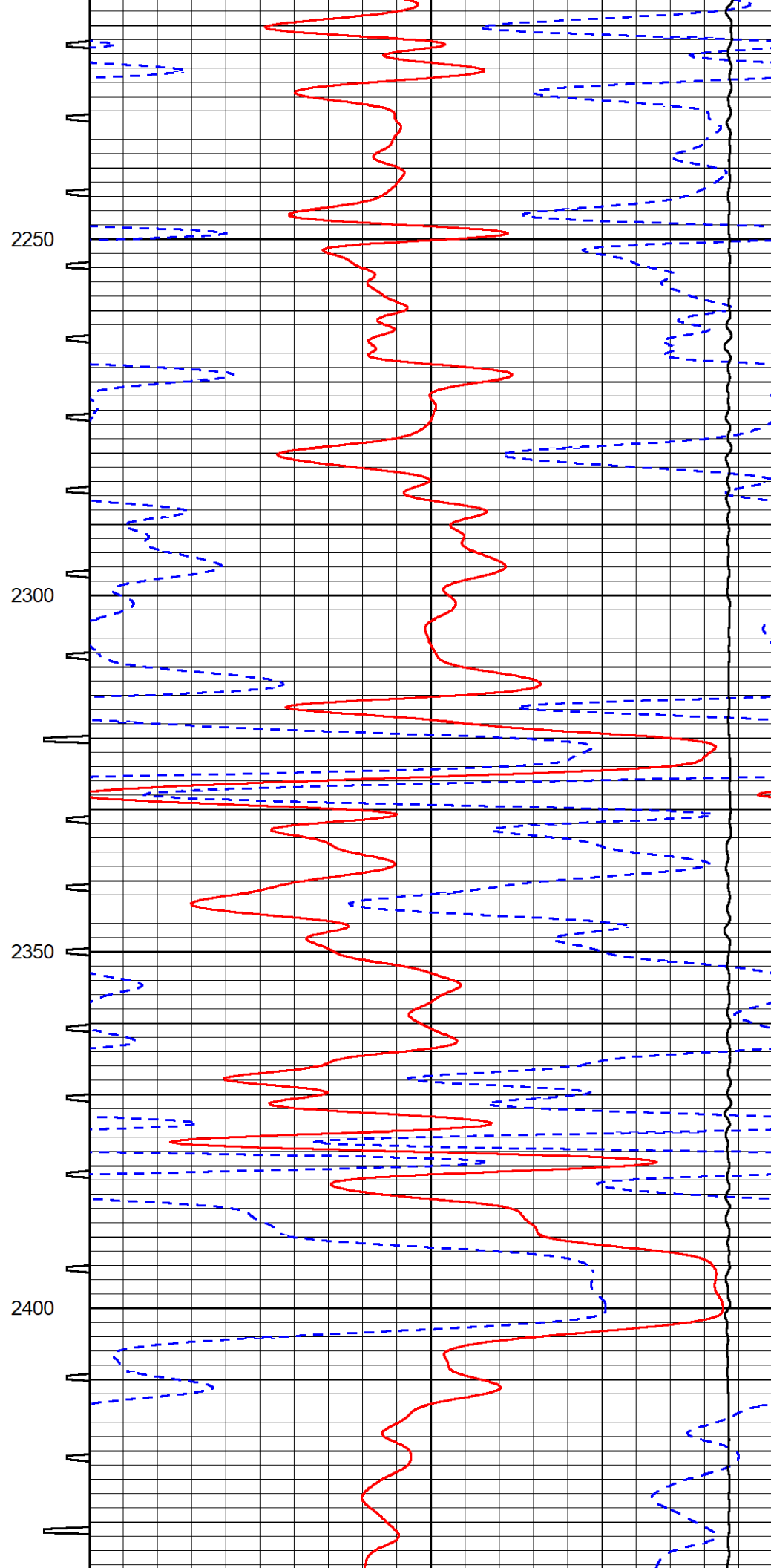
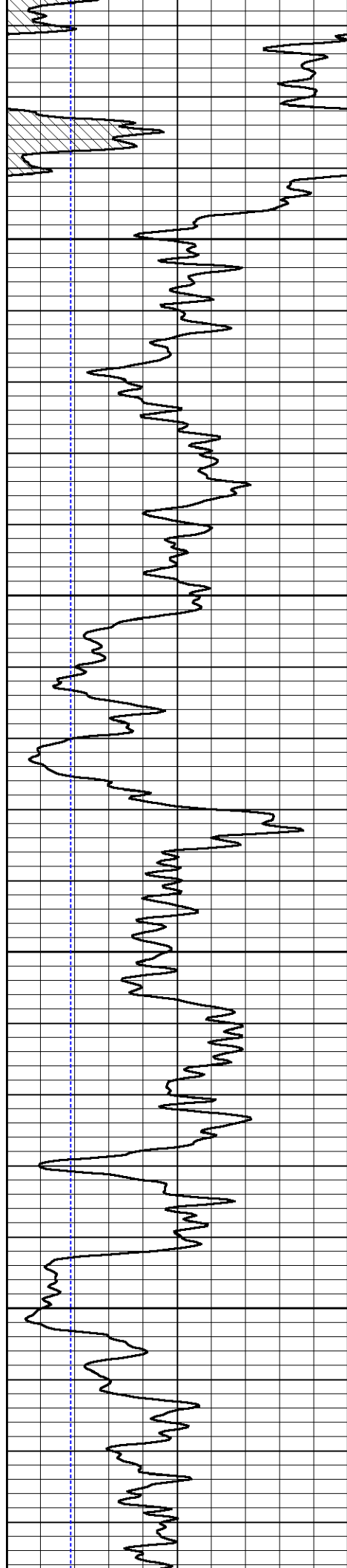


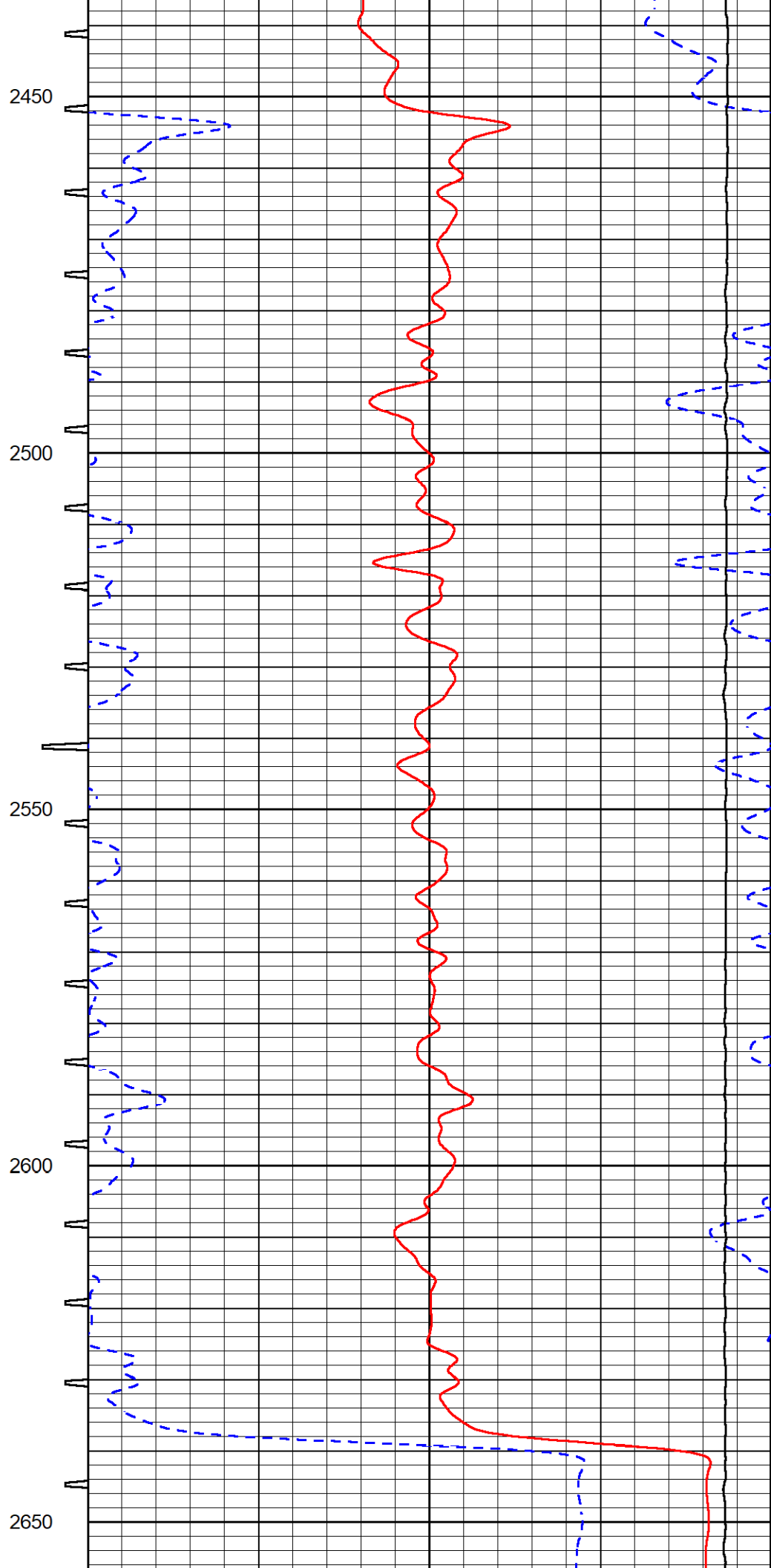
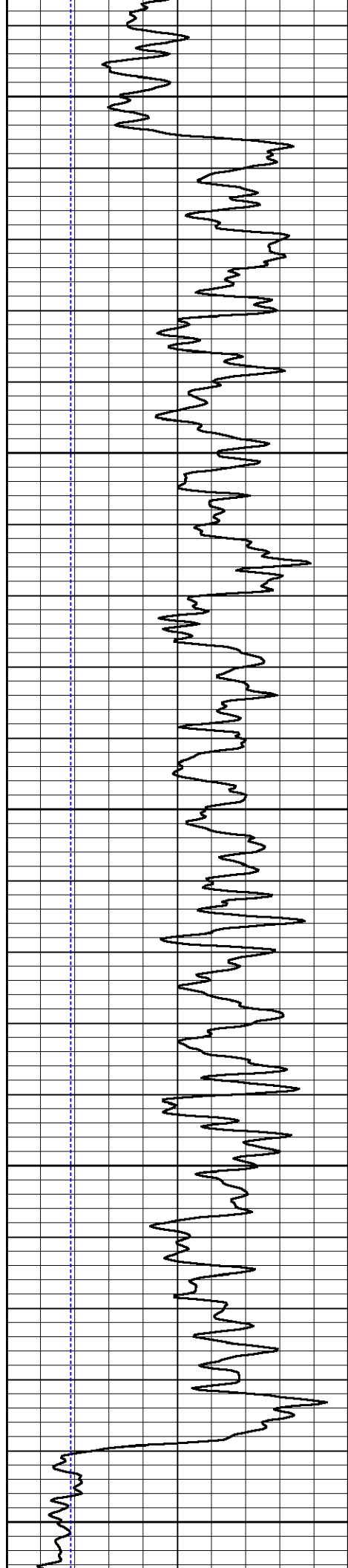


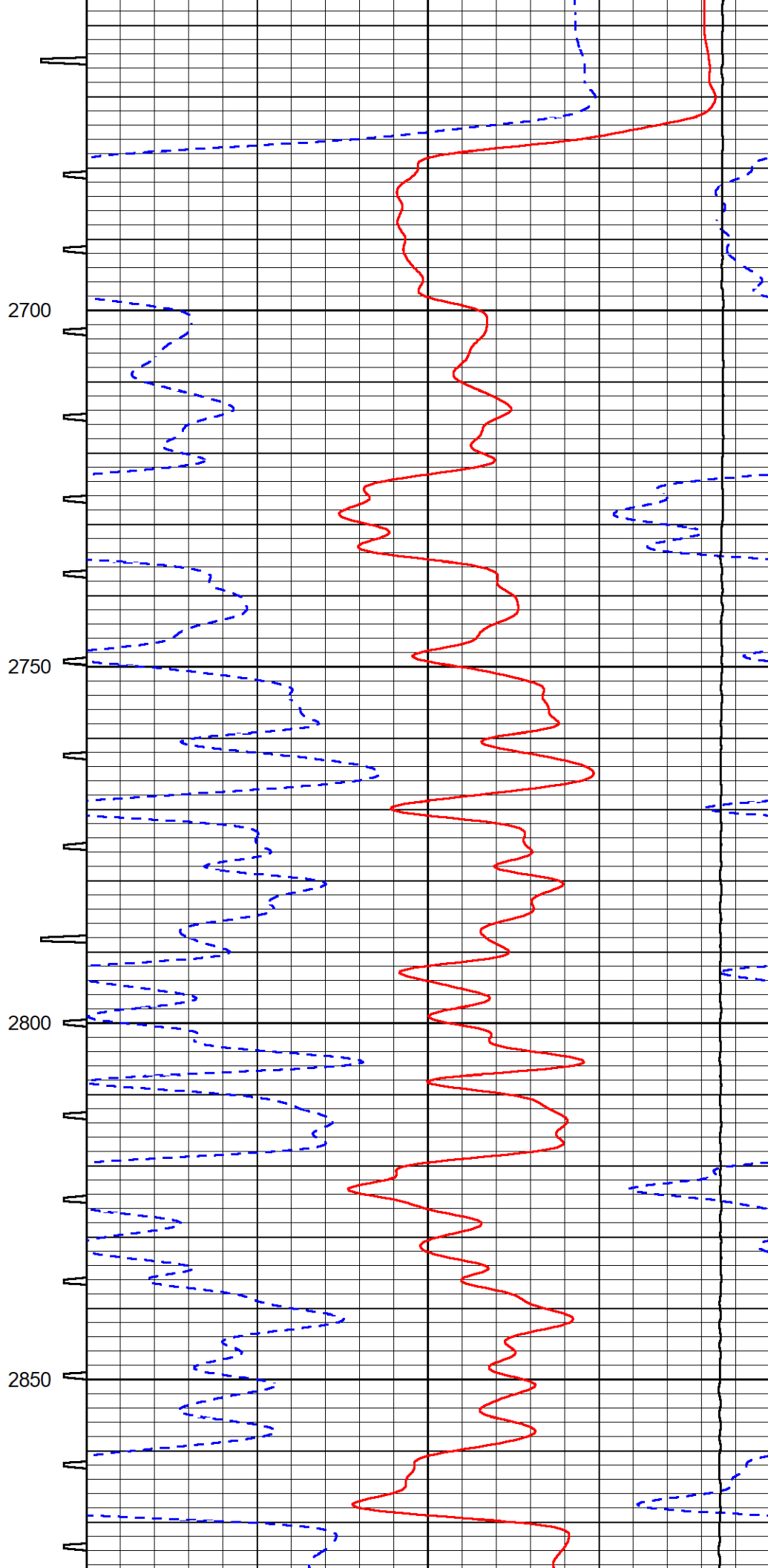
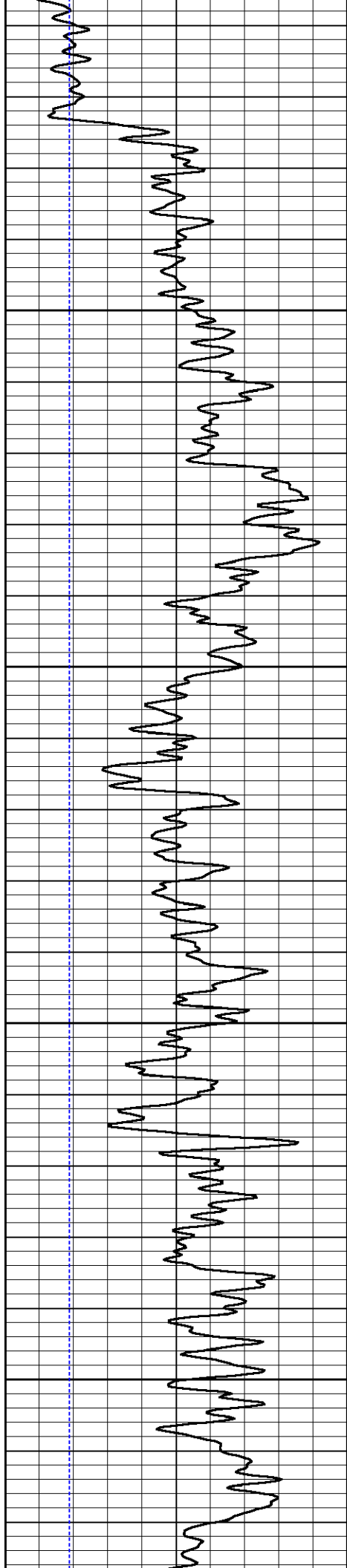


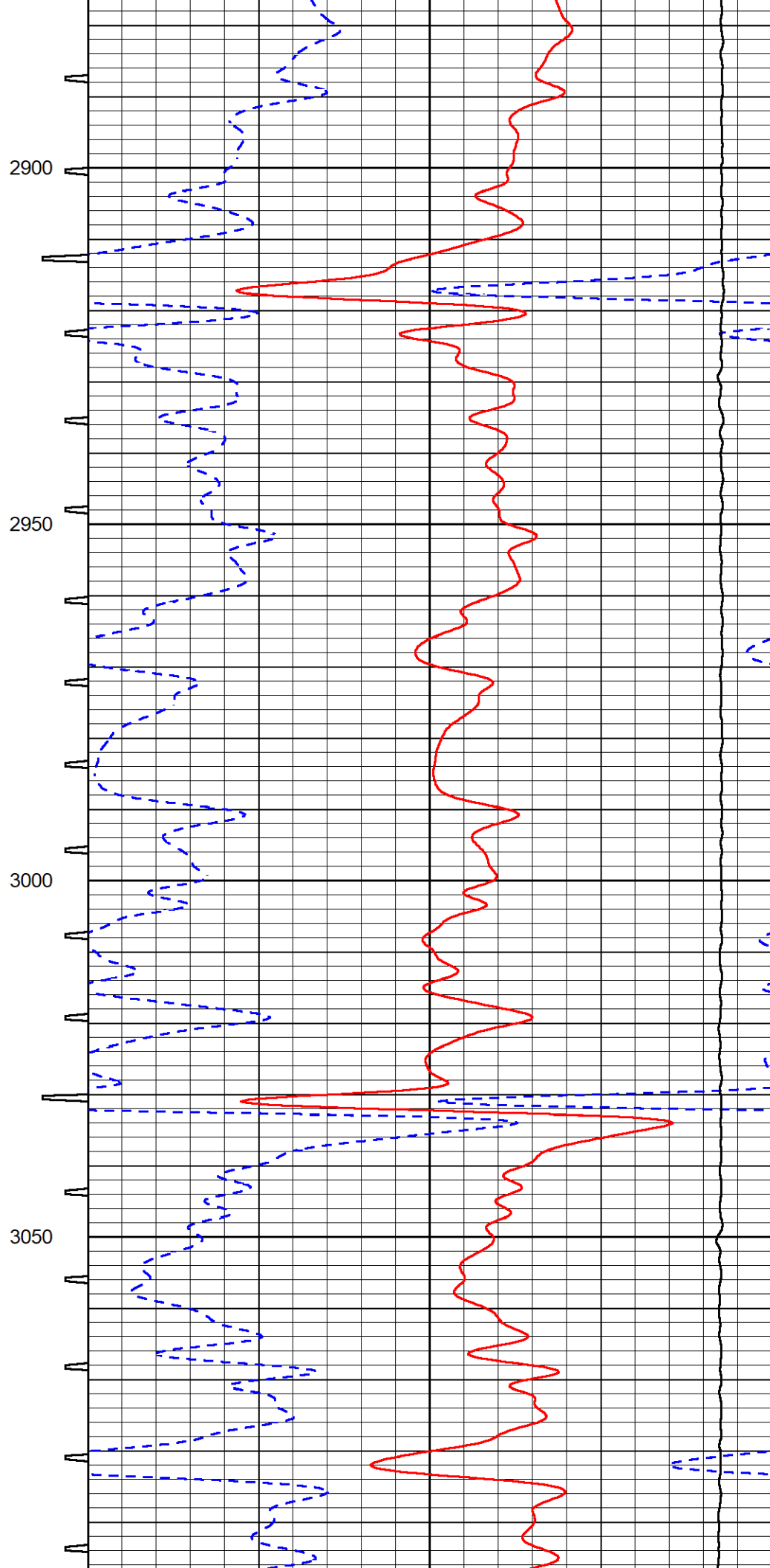
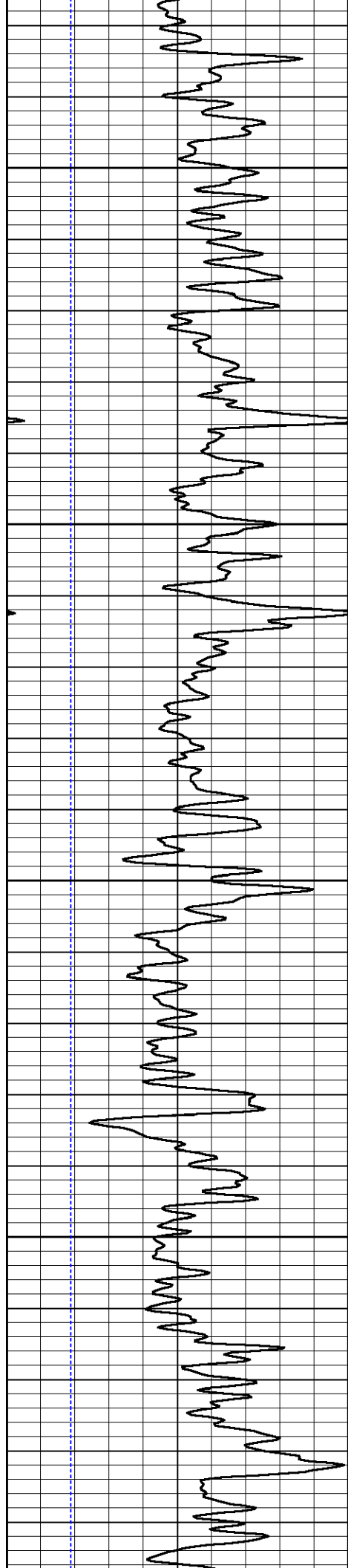


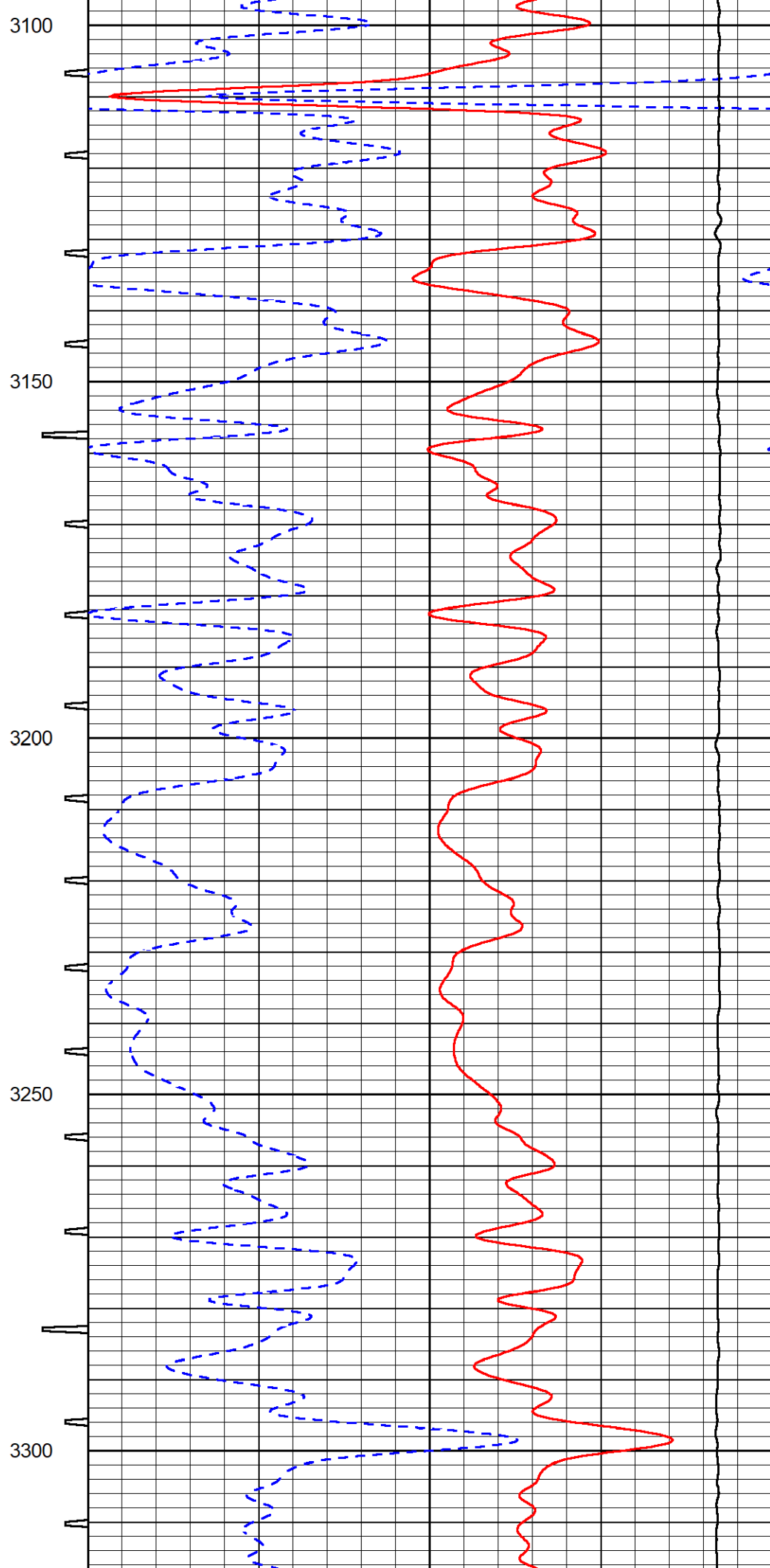
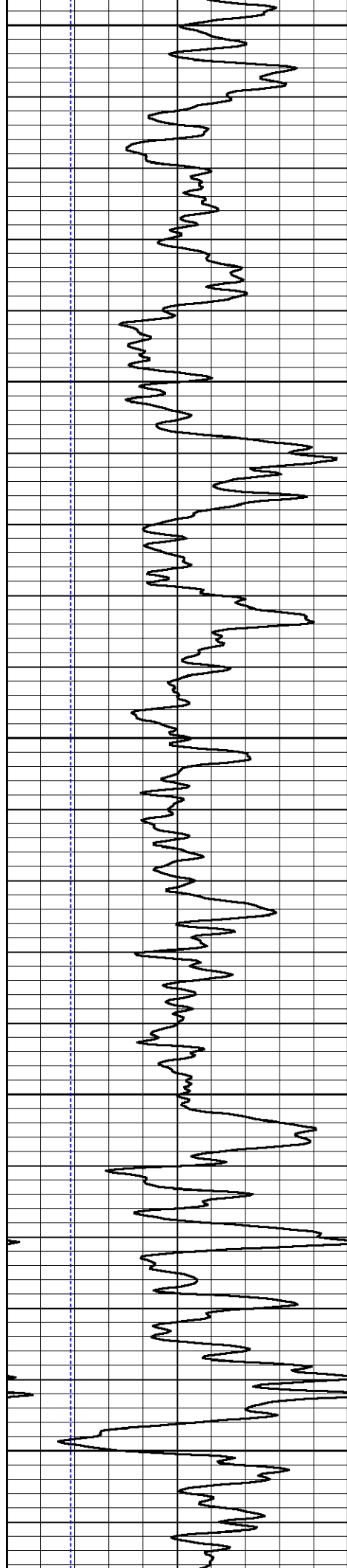


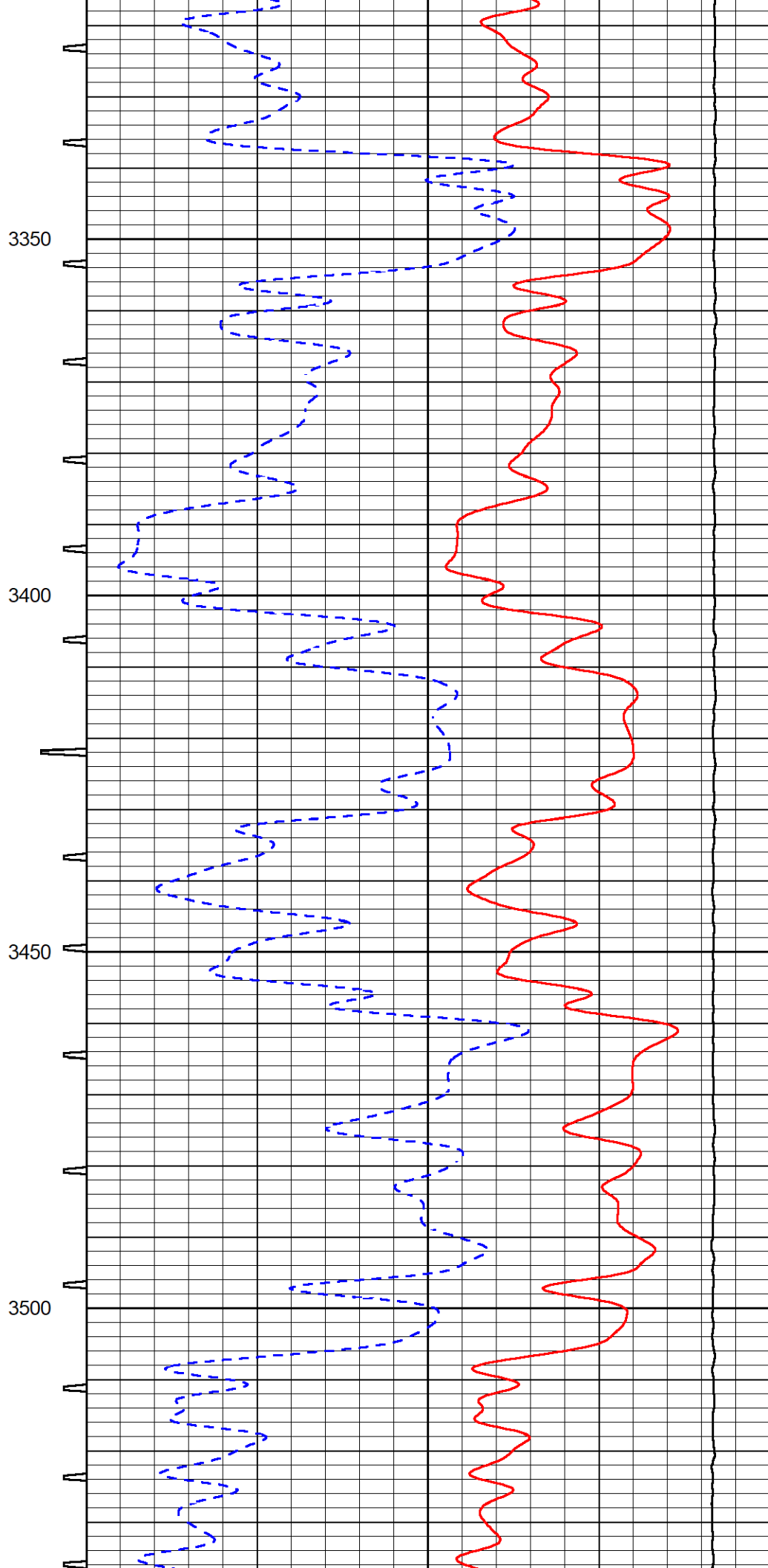
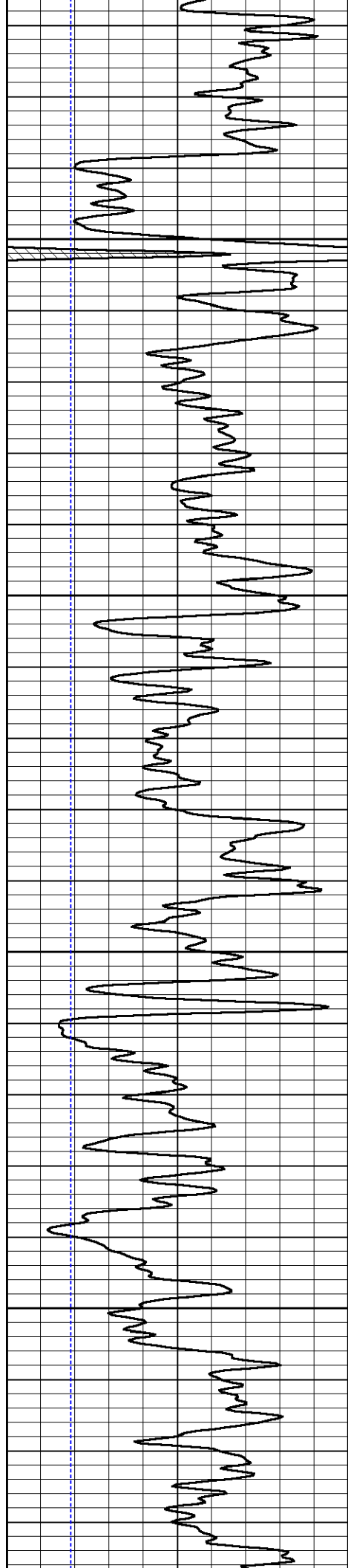


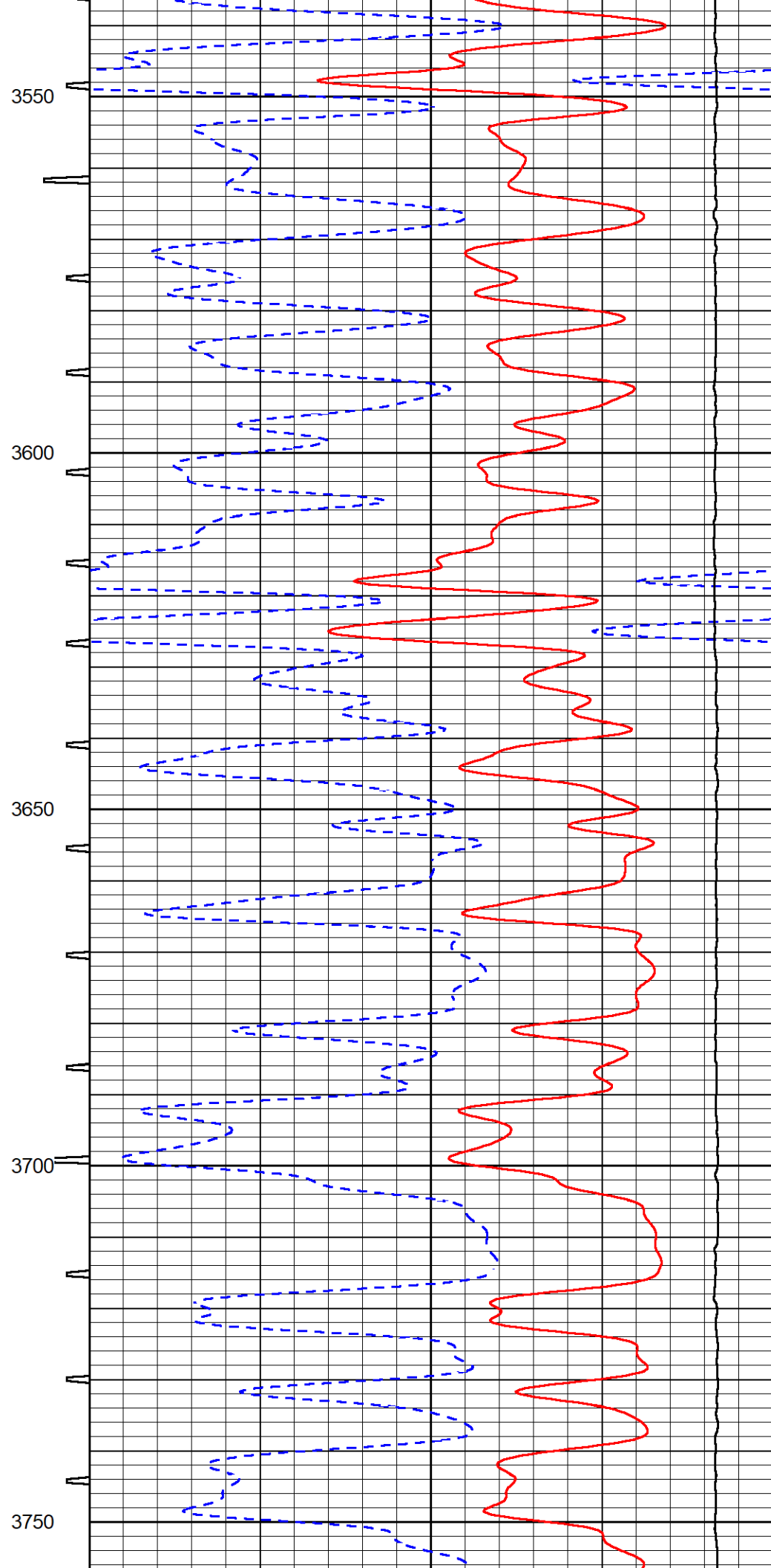
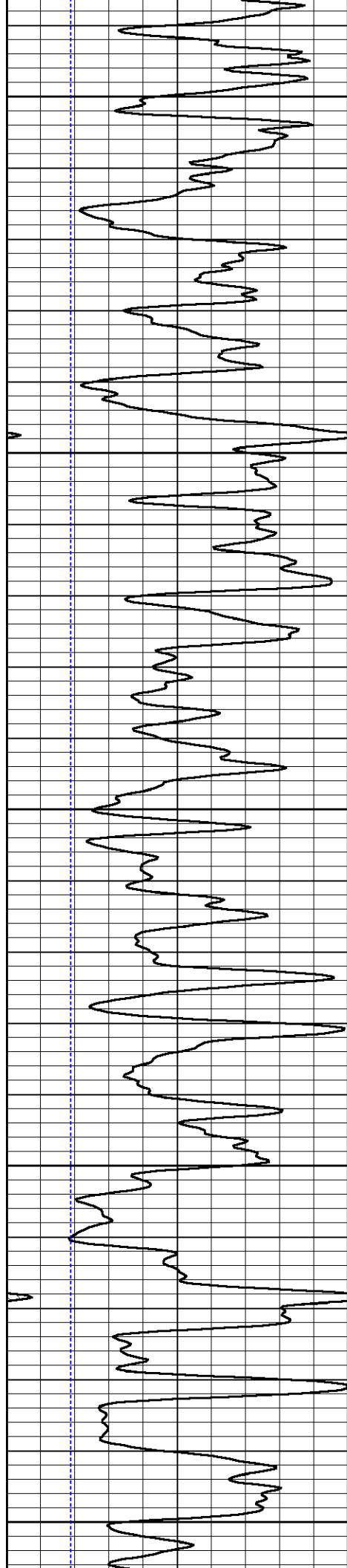


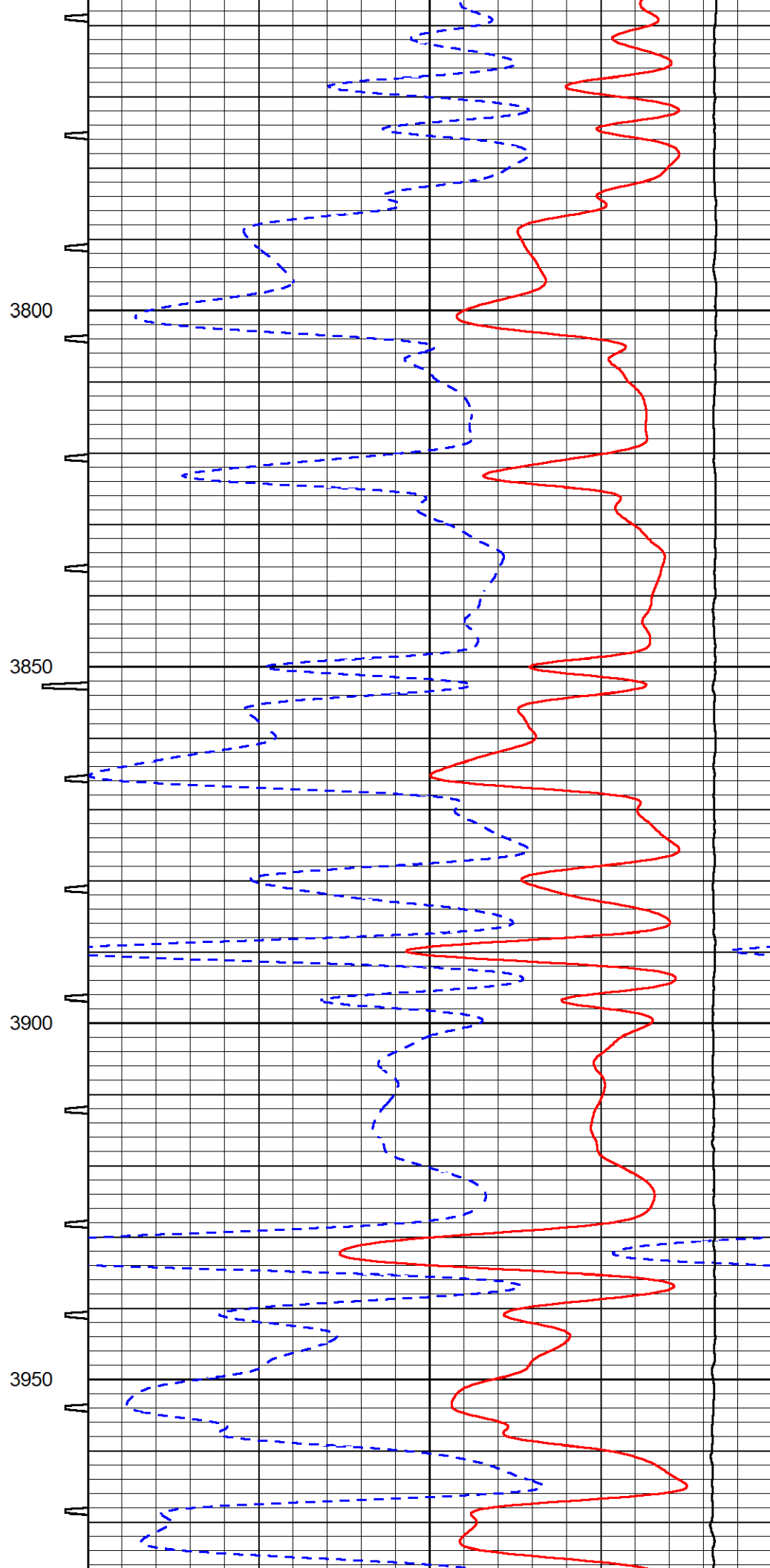
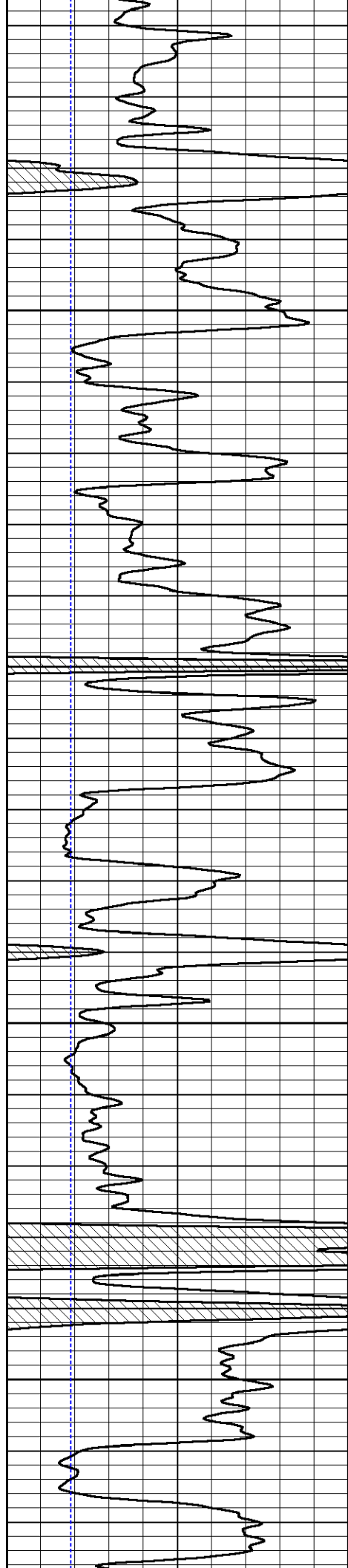


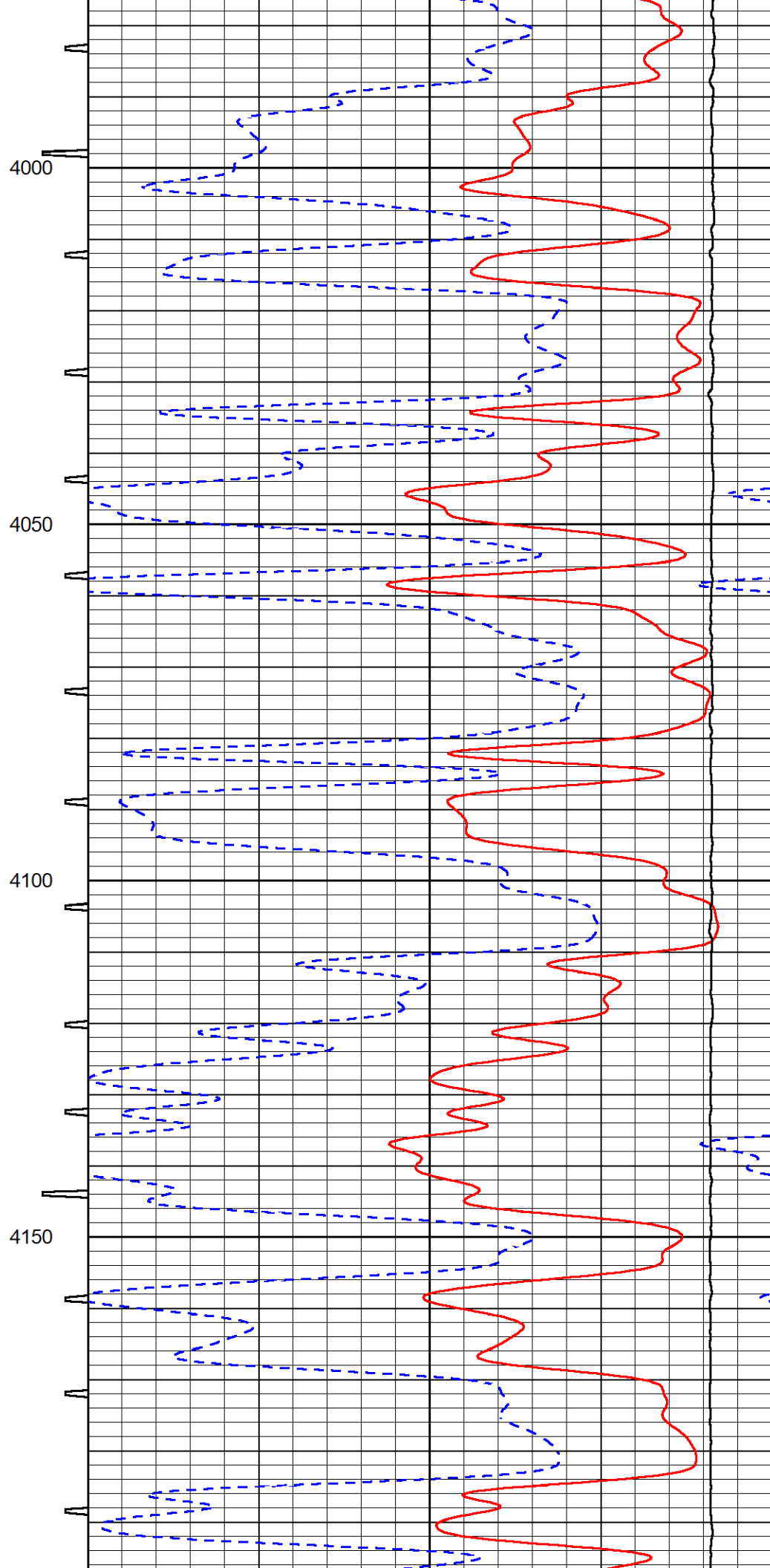
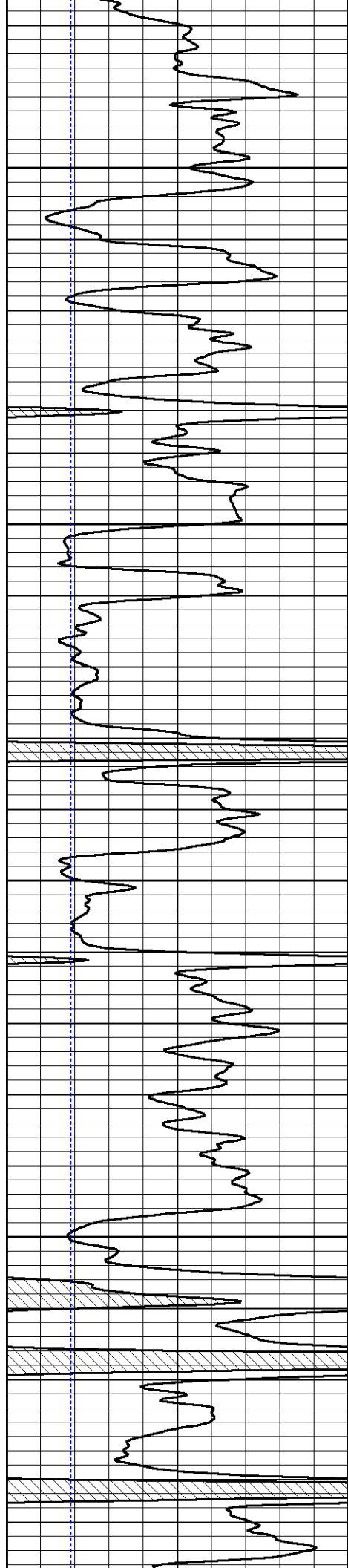


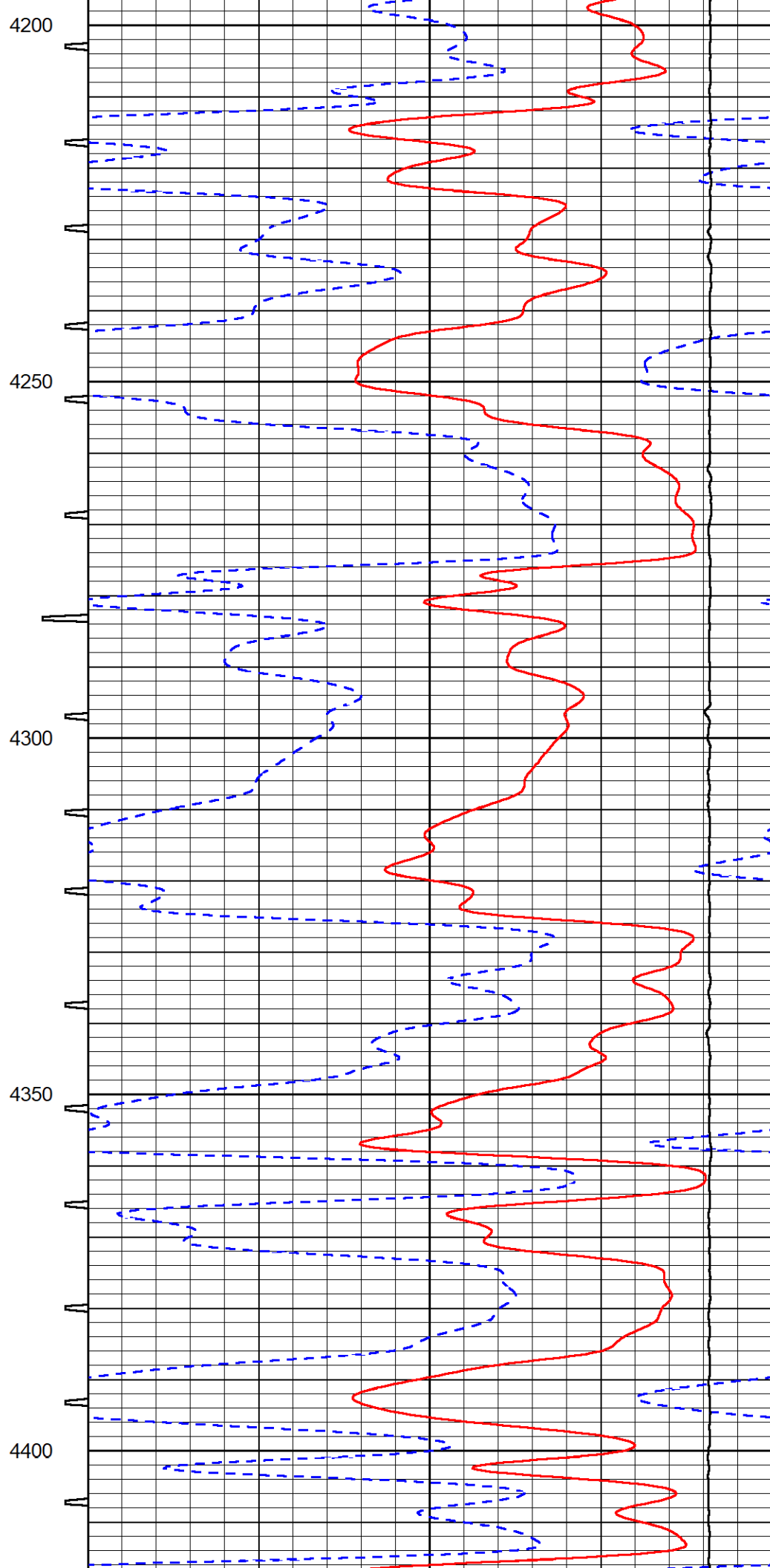
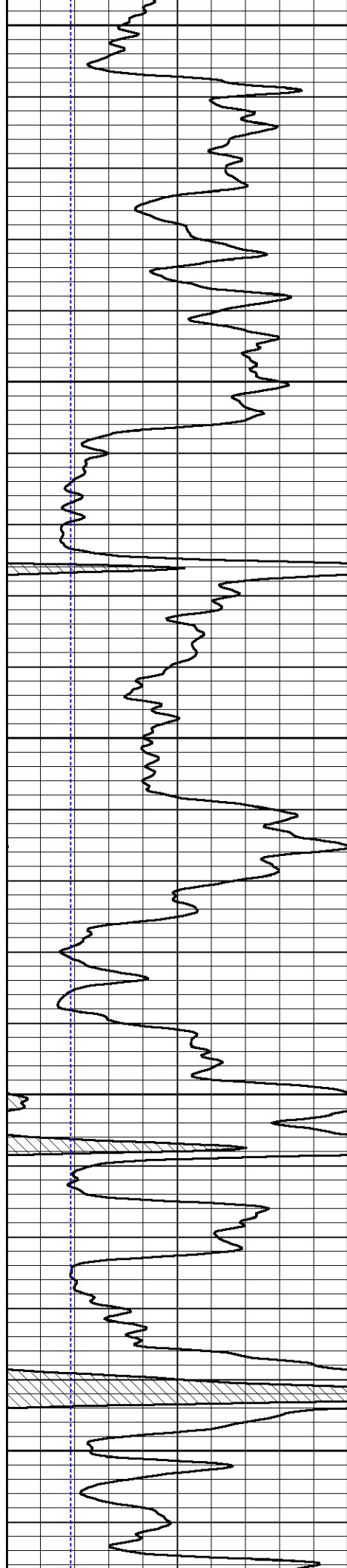


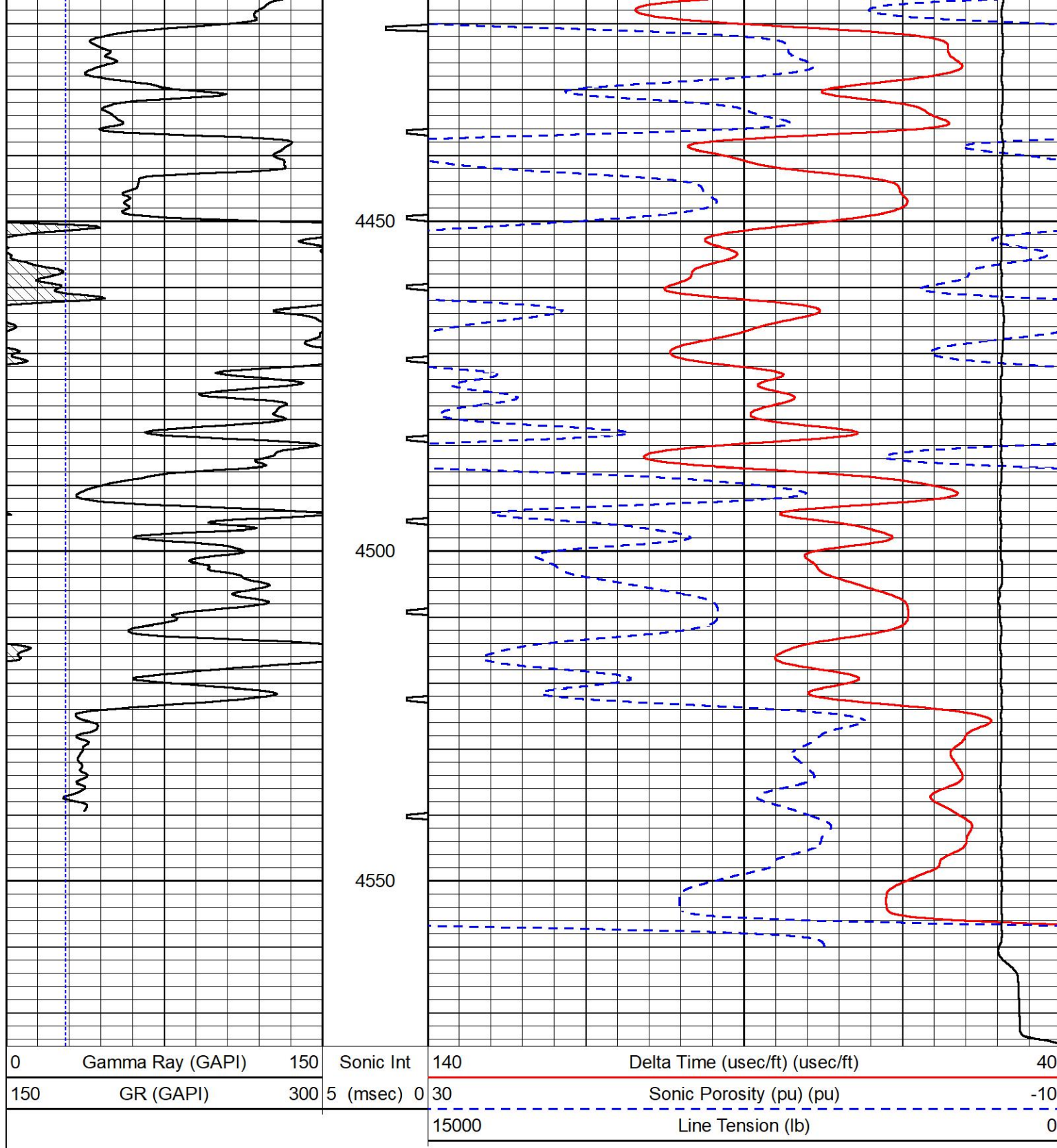










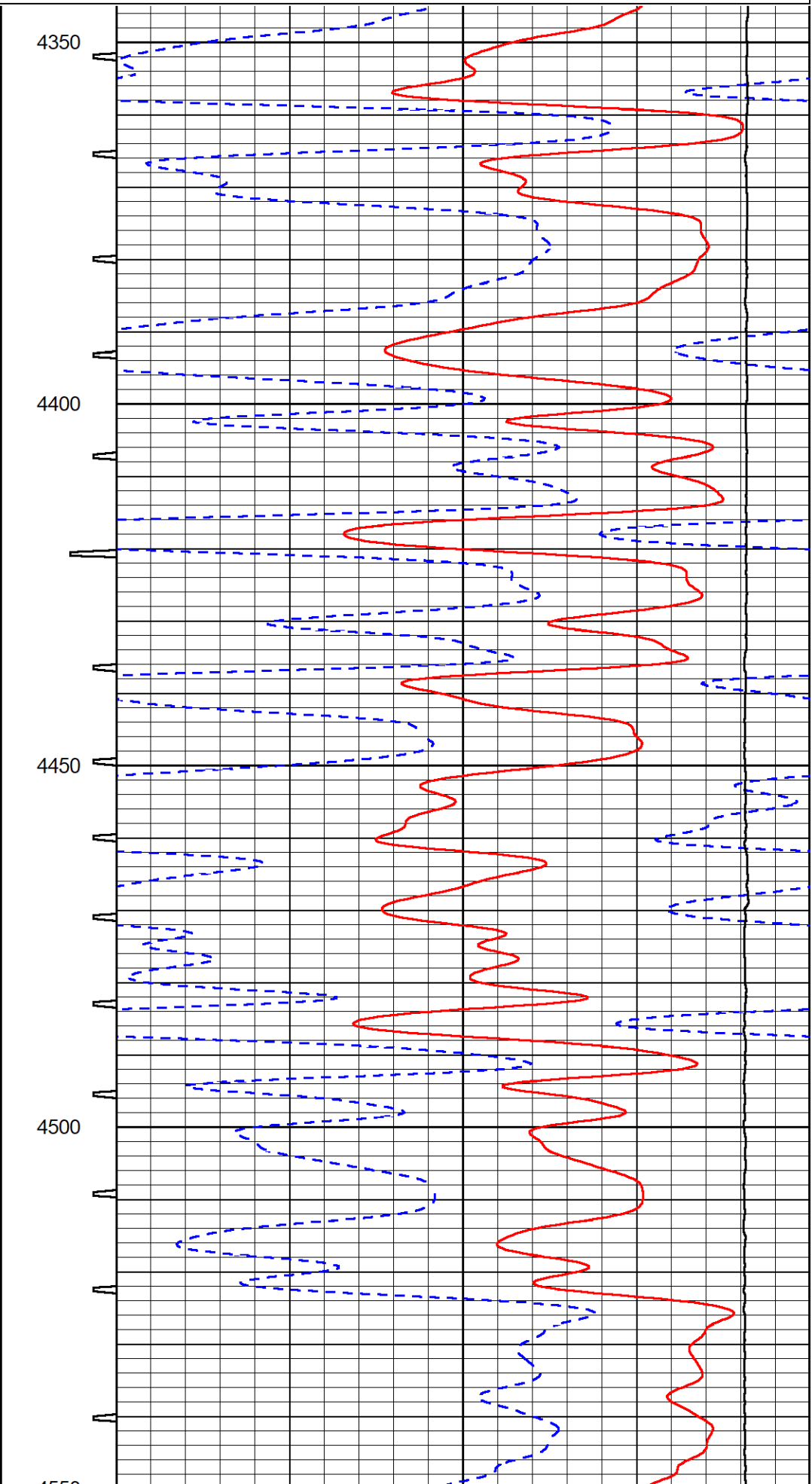
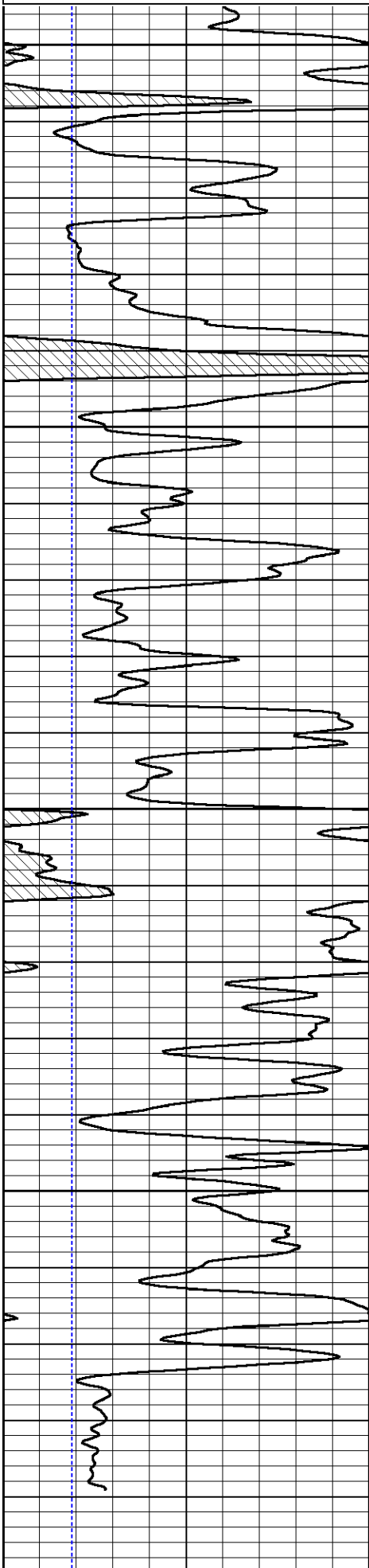


REPEAT SECTION

REPEAT PASS

Database File amwar_wark 1-21.db
Dataset Pathname stack/pass2.1
Presentation Format _sonic
Dataset Creation Thu Aug 29 21:59:46 2024
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
				15000	Line Tension (lb)	0



Gamma Ray Calibration Report		
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Serial Number:	105	
Tool Model:	M&W	
Performed:	Sat Oct 21 23:48:19 2023	
Calibrator Value:	500.0	GAPI
Background Reading:	24.0	cps
Calibrator Reading:	637.0	cps
Sensitivity:	0.6000	GAPI/cps



Company	American Warrior, Inc.
Well	Wark #1-21
Field	
County	Thomas
State	Kansas