



MIDWEST WIRELINE

# BOREHOLE COMPENSATED SONIC LOG

**Company** Arcadian Resources  
**Well** A. B. Fischer #14-3  
**Field**  
**County** Cheyenne **State** Kansas

Company Arcadian Resources  
 Well A. B. Fischer #14-3  
 Field  
 County Cheyenne  
 State Kansas

<b>Location:</b> 2310 FNL 990 FWL	API #: 15-023-21556-00-00
SEC 14 TWP 5S RGE 37W	Other Services
Permanent Datum	Ground Level Elevation 3371
Log Measured From	Kelly Bushing
Drilling Measured From	Kelly Bushing
	K.B. 3376
	D.F. G.L. 3371

Date	11/2/2021	
Run Number	Two	
Type Log	BHGS	
Depth Driller	4800	
Depth Logger	4800	
Bottom Logged Interval	4788	
Top Logged Interval	300	
Type Fluid In Hole	Chemical	
Salinity, PPM CL	500	
Density	9.6	
Level	Full	
Max. Rec. Temp. F	124	
Operating Rig Time	5 Hours	
Equipment -- Location	P-24 HAYS	
Recorded By	D. Schmidt	
Witnessed By	Jim Deverman	

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	0	367	8.625	23	0	367
Two	7.875	367	TD				

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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**

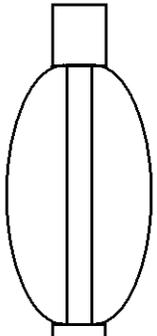
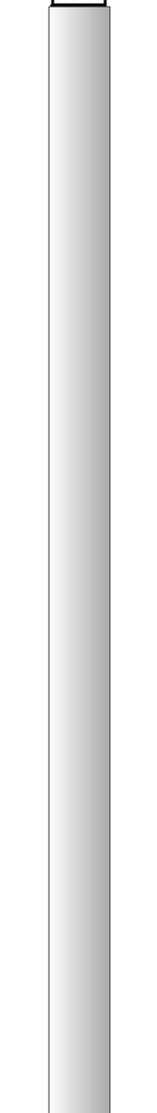
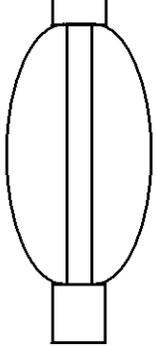
N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Brewster,  
 North to EE Rd, West to 34,  
 North to D Rd, 1 West, 1/2 North,  
 East into

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

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

<b>Your Midwest Wireline Crew</b> Engineer: D. Schmidt Operator: Operator: Operator:	<b>This Log Record Was Witnessed By</b> Primary Witness: Jim Deverman Secondary Witness: Secondary Witness: Secondary Witness:
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Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CENT-PENGO (3-PENGO)	5.50	3.00	70.00
WVF4 WVF1	13.50 13.50		SLT-PENGO (0001)	16.00	3.50	300.00
WVF3 WVF2	11.50 11.50		CENT-PENGO (4-PENGO)	5.50	3.00	70.00

Dataset: arcadian resources\_a b fischer 14-3.db: field/well/son/pass2  
 Total length: 27.00 ft  
 Total weight: 440.00 lb  
 O.D.: 3.50 in

# Log Variables

DatabaseC:\ProgramData\Warrior\Data\arcadian resources\_a b fischer 14-3.db  
 Dataset field/well/stkml/pass3.5/\_vars\_

## Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	124	5.5	0	1	2	2.71
NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	0	0	0	185	40	Off	4800

## 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

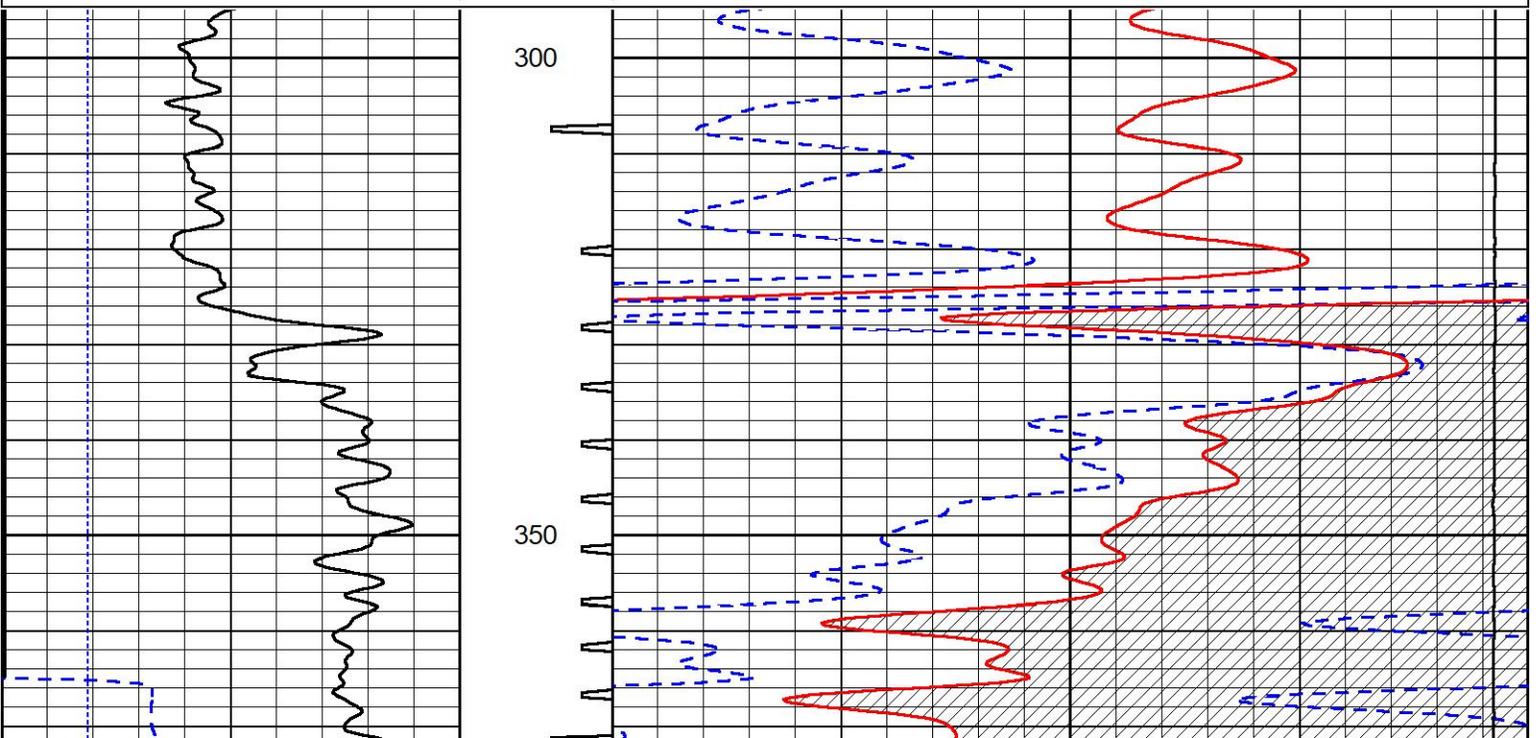


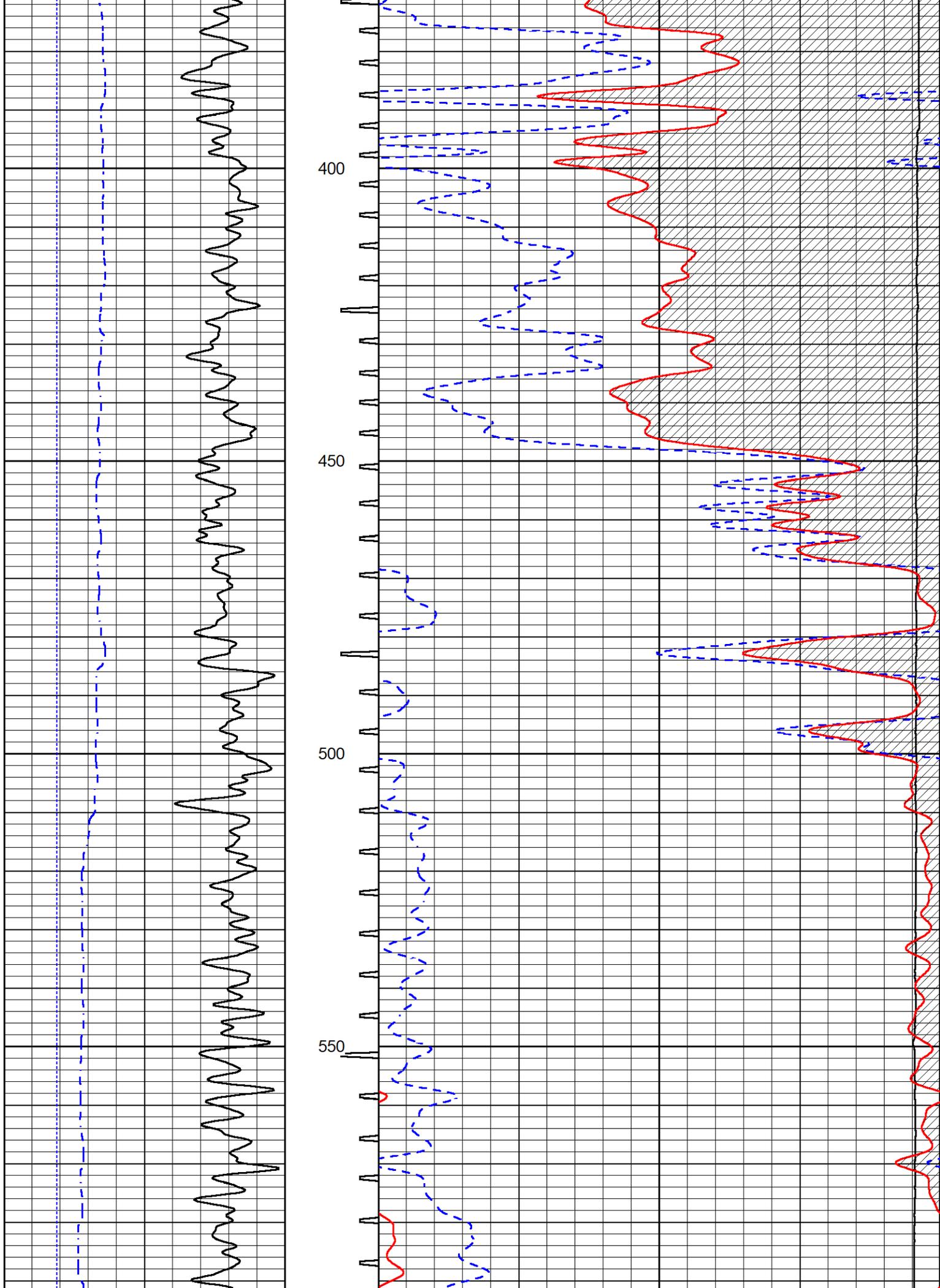
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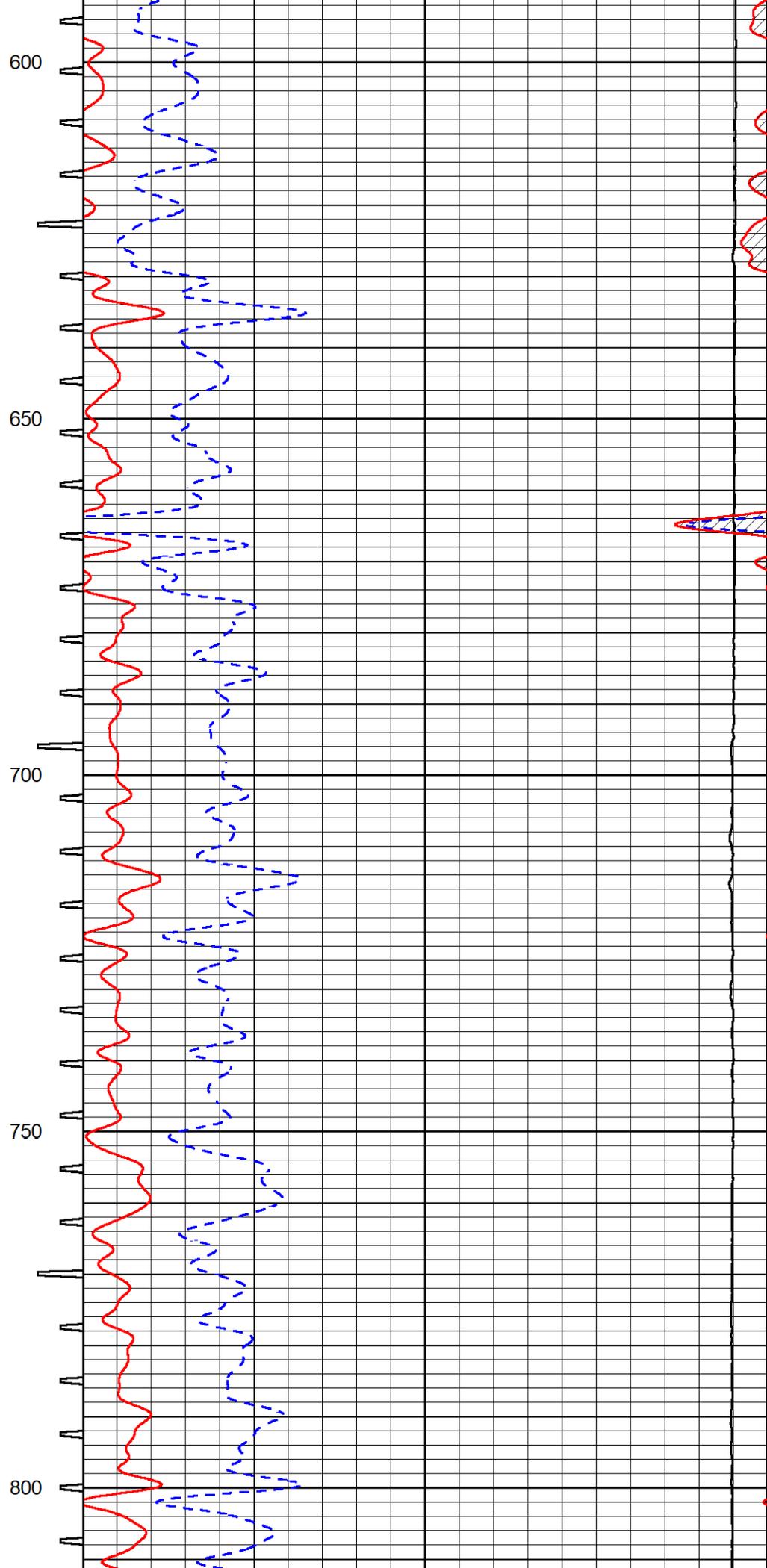
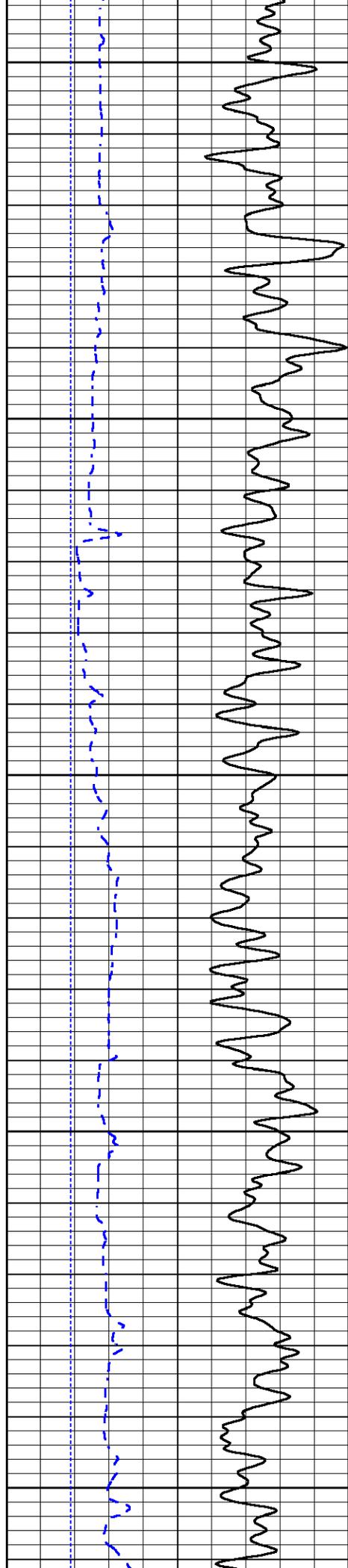
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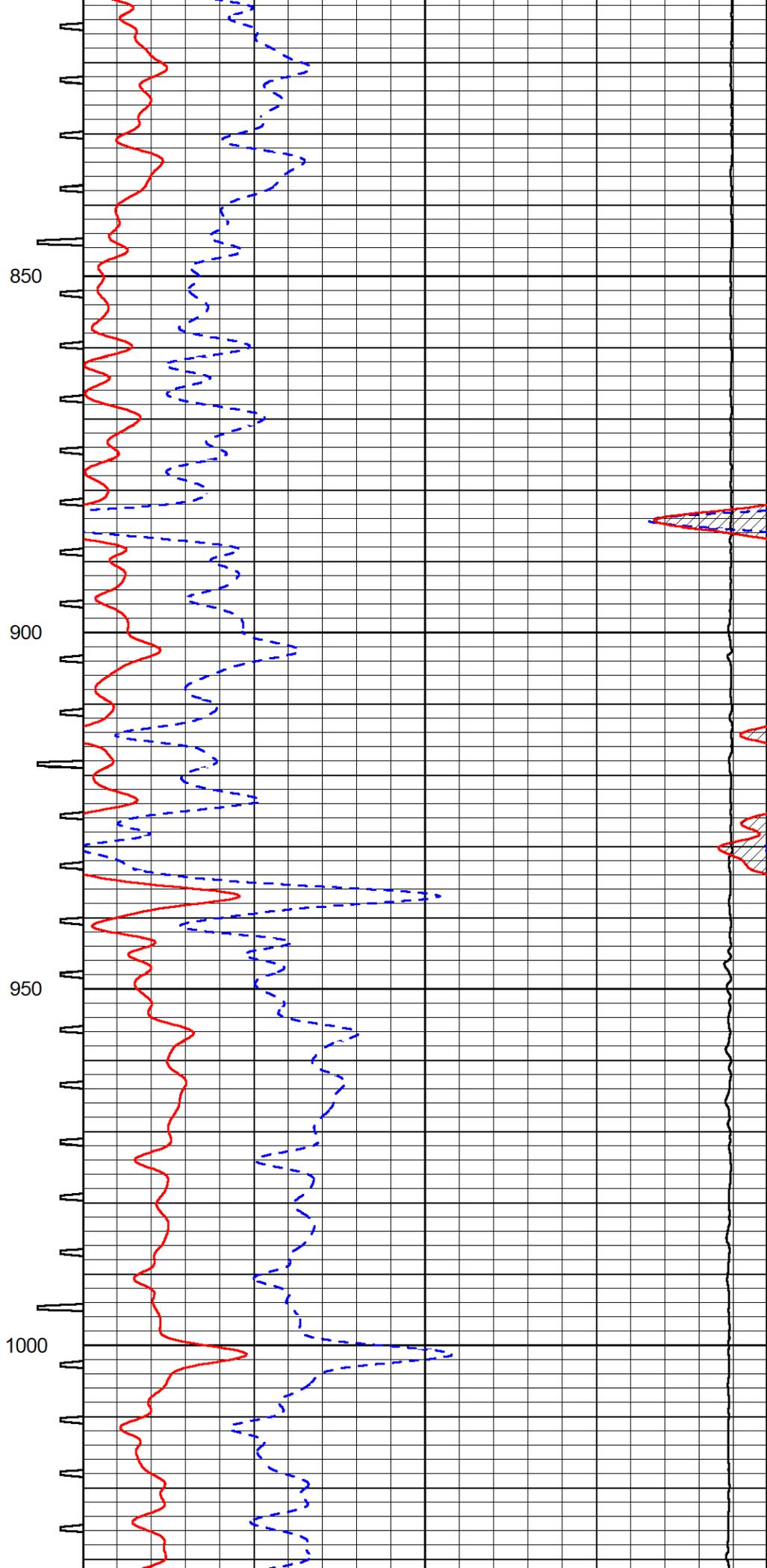
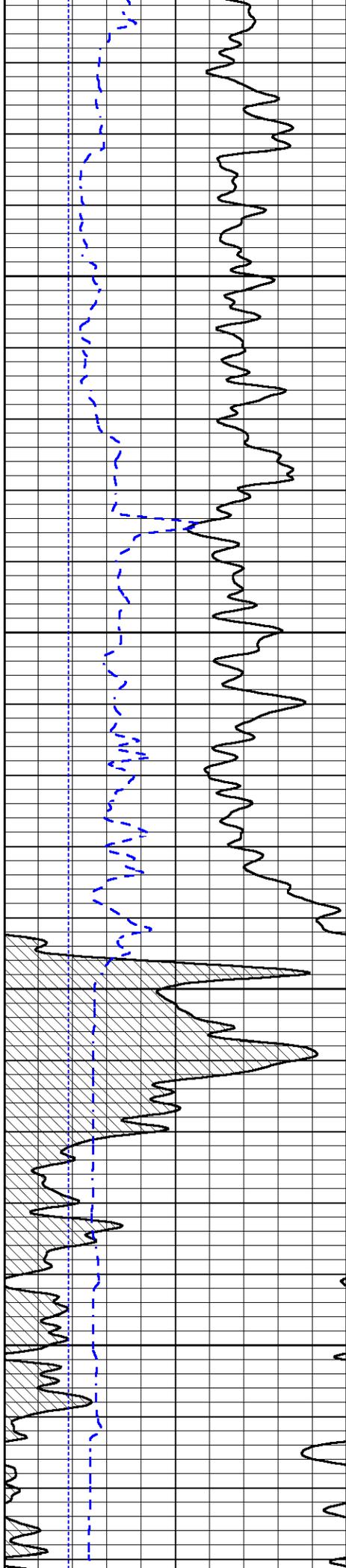
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 Presentation Format \_sonic  
 Dataset Creation Tue Nov 02 14:04:51 2021  
 Charted by Depth in Feet scaled 1:240

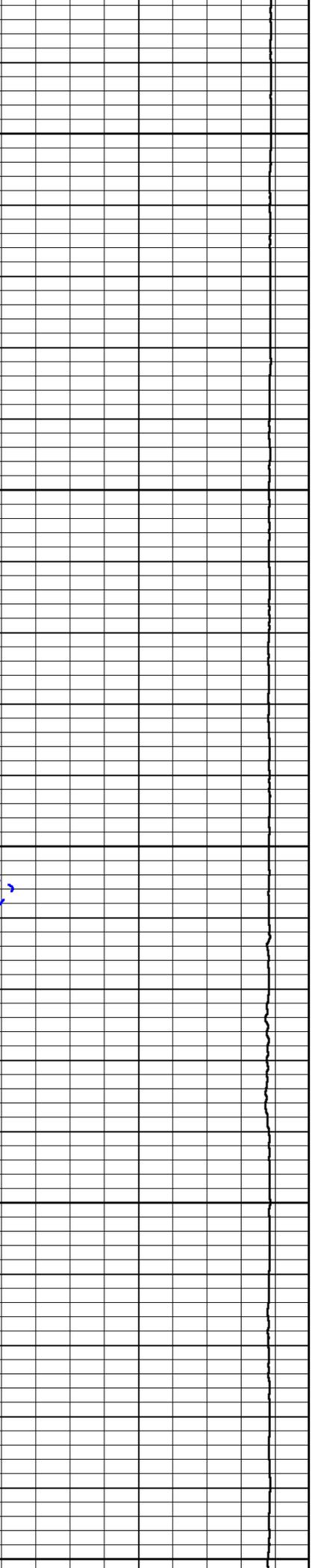
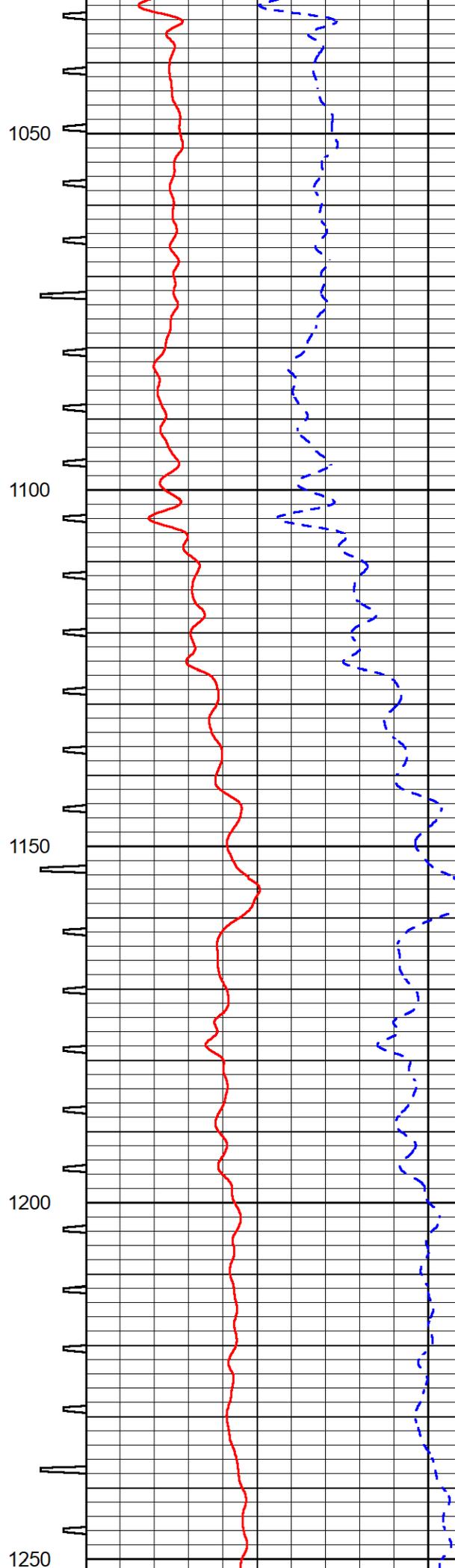
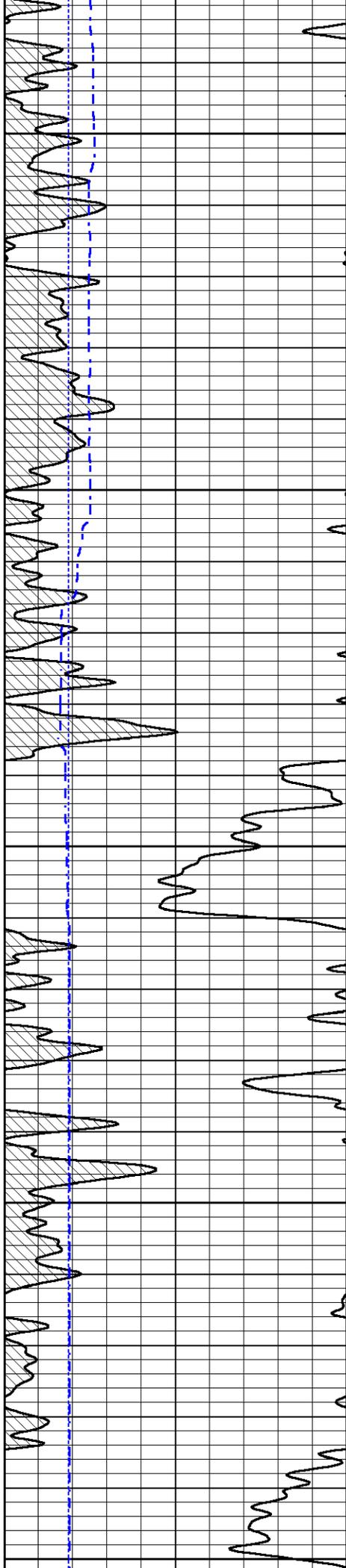
0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	GR (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu) (pu)	-10
6	Caliper (in)	16		15000	Line Tension (lb)	0

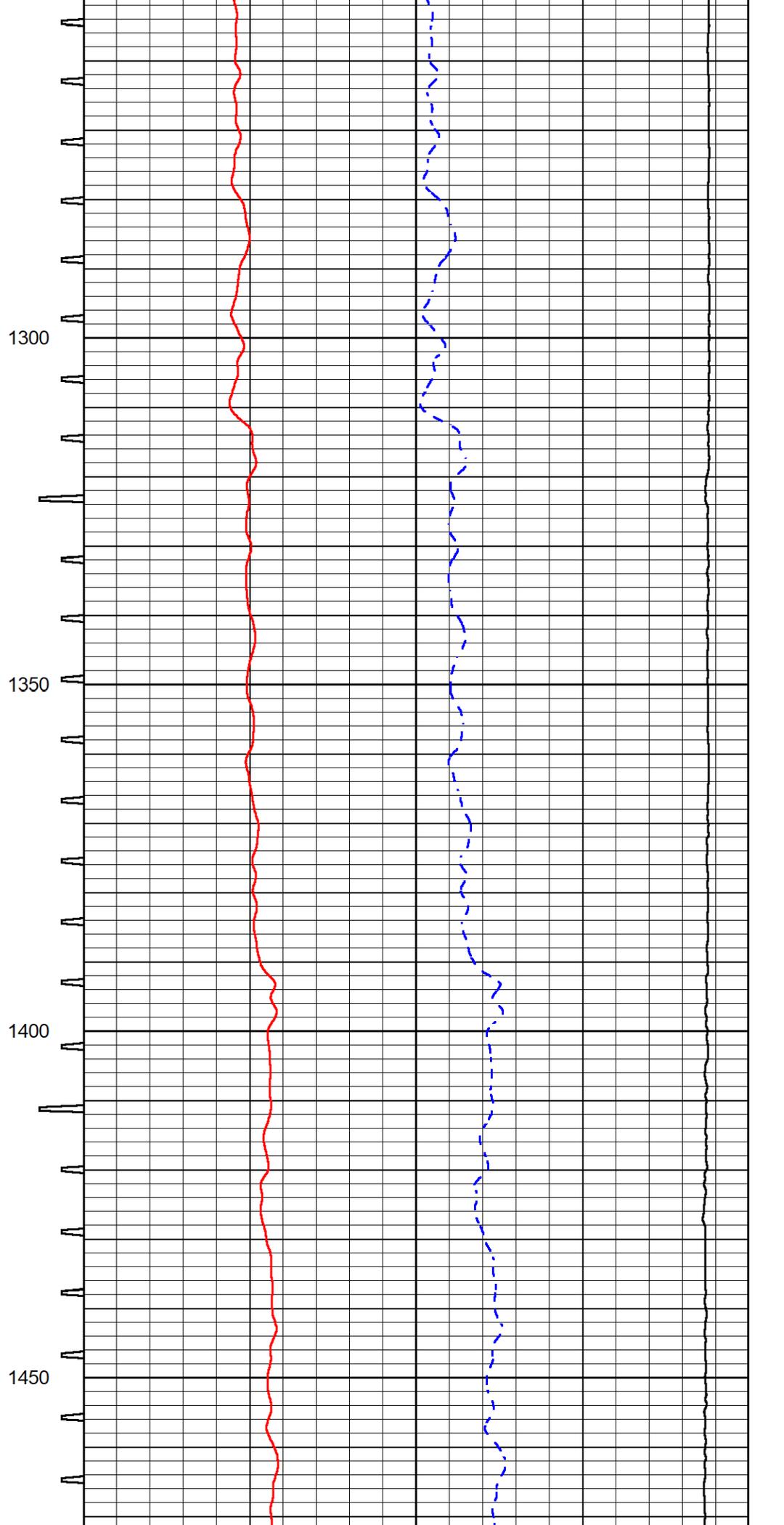
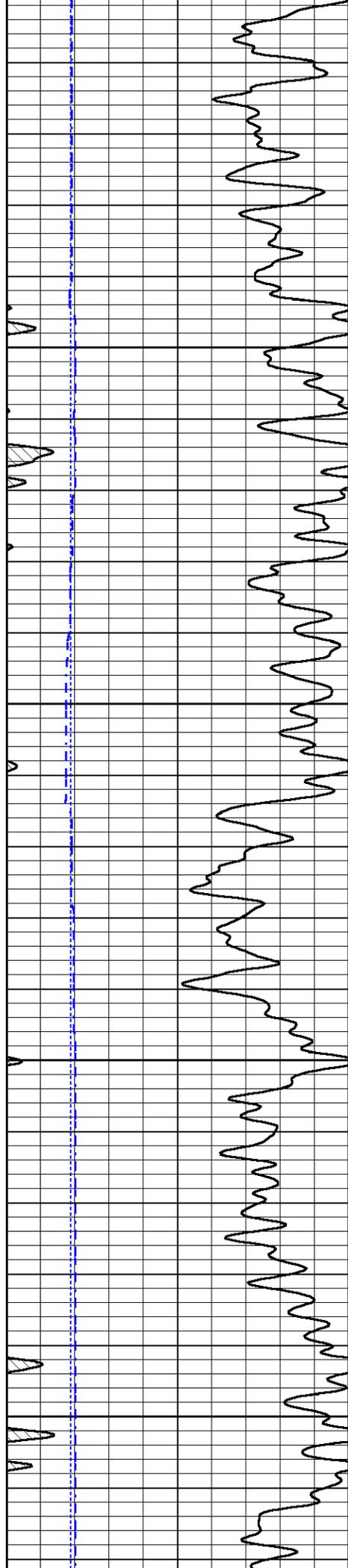


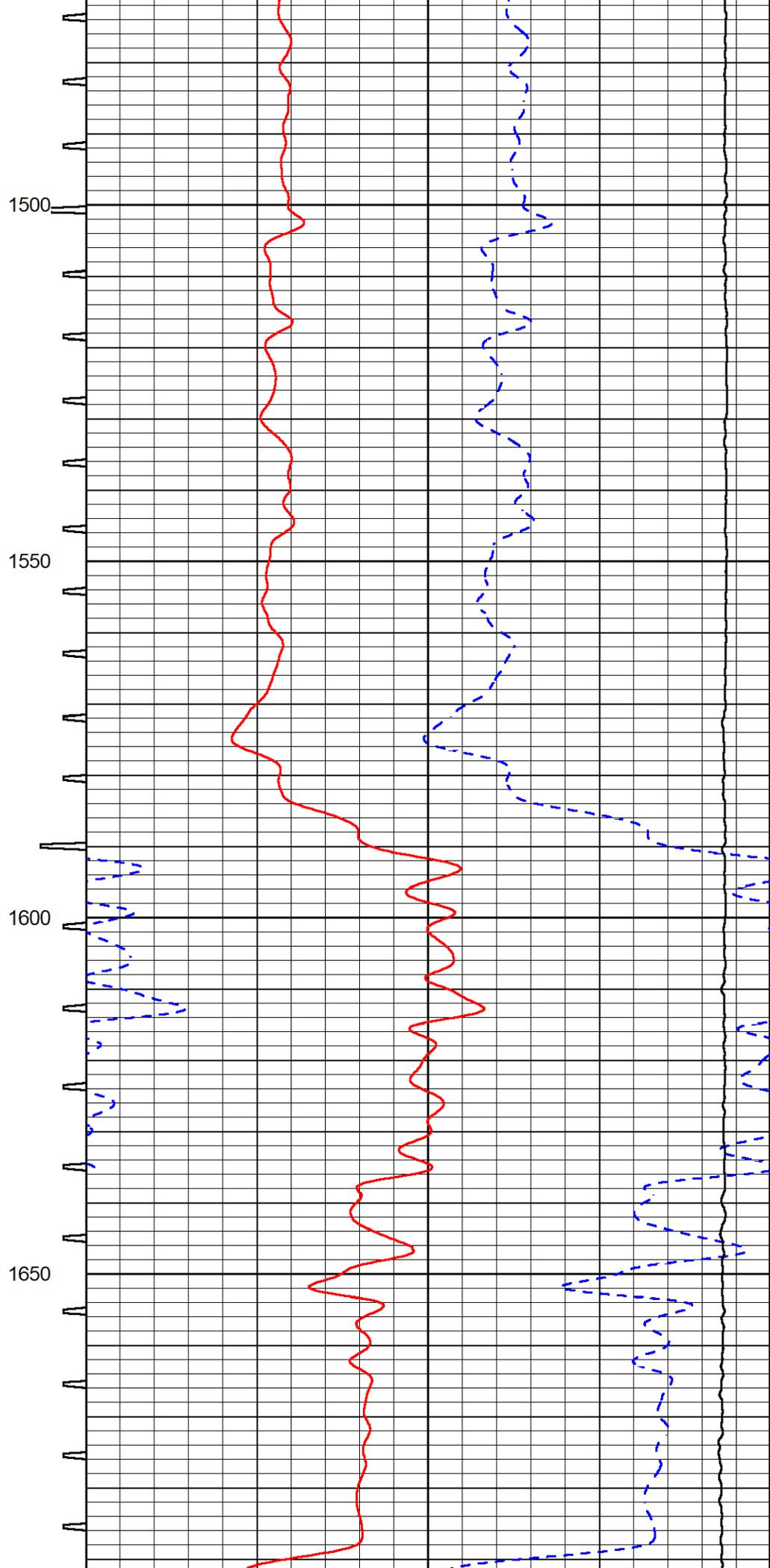
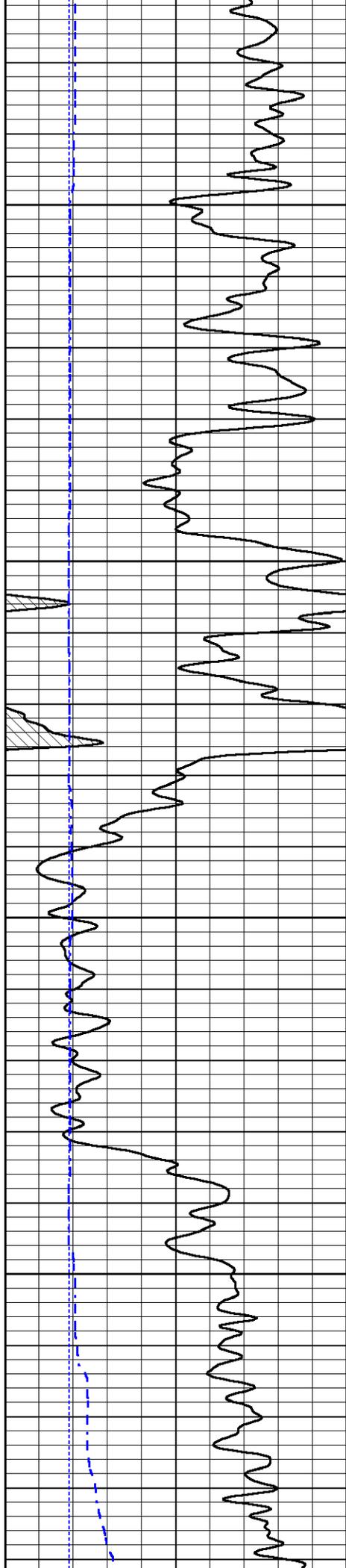


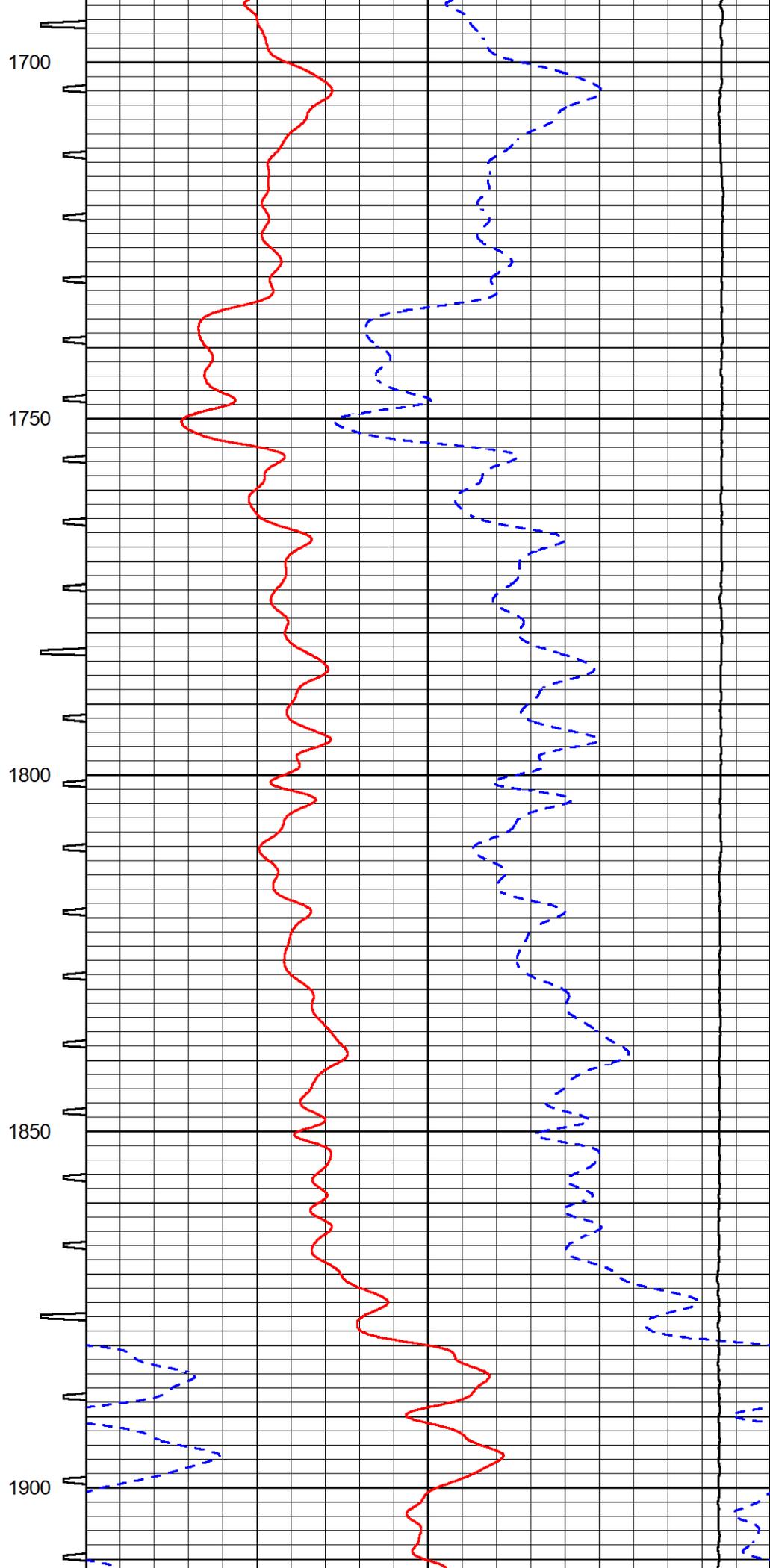
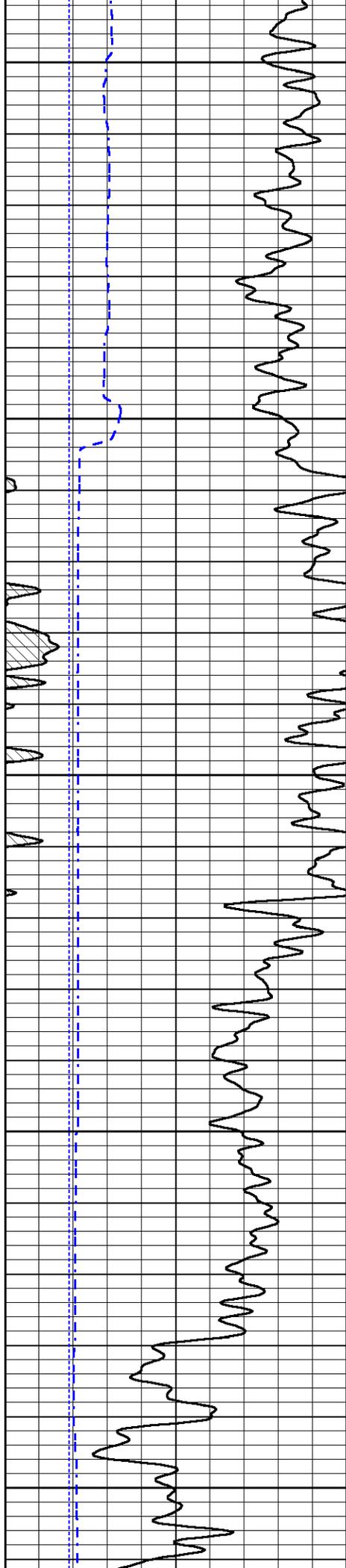


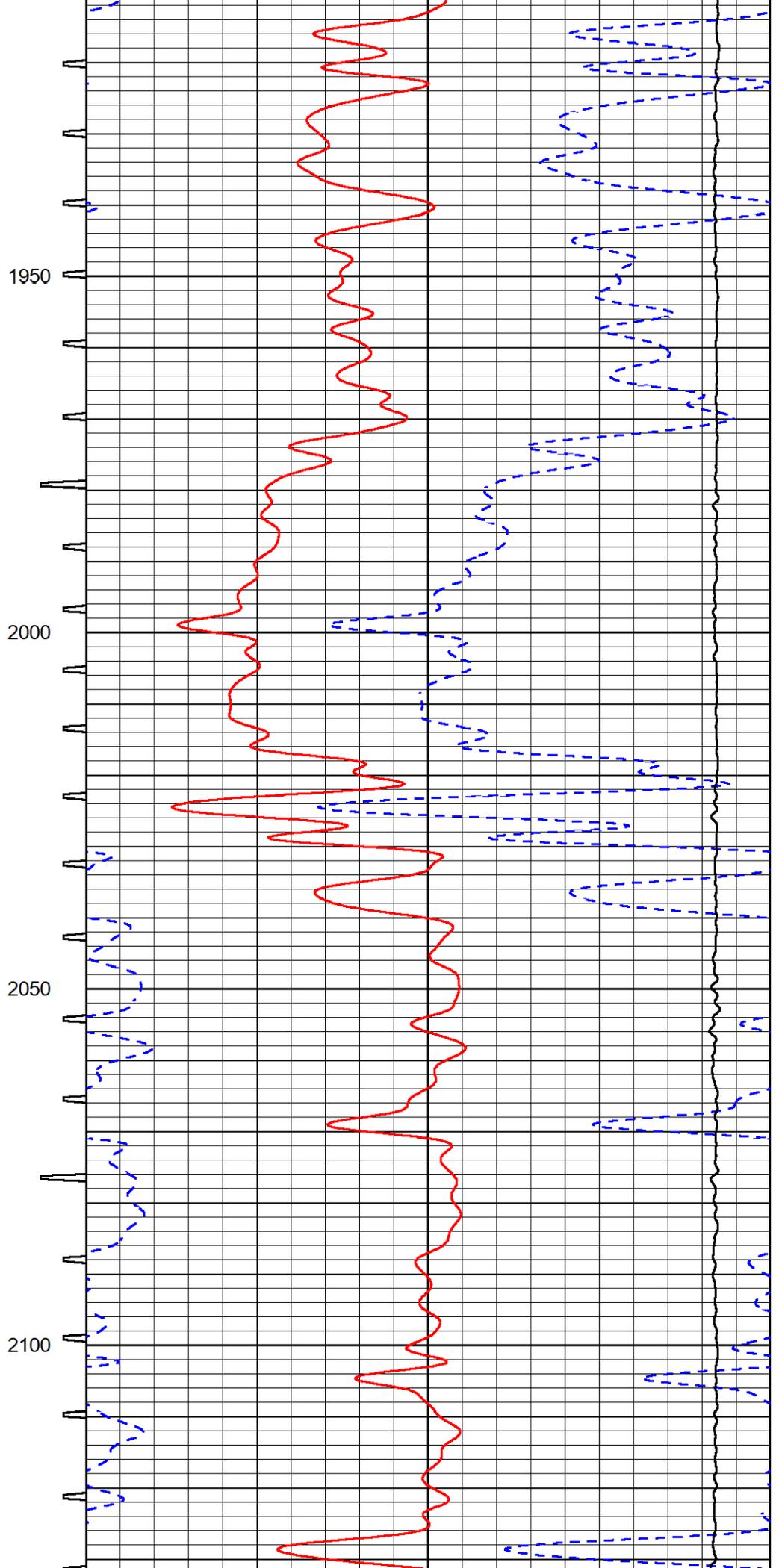
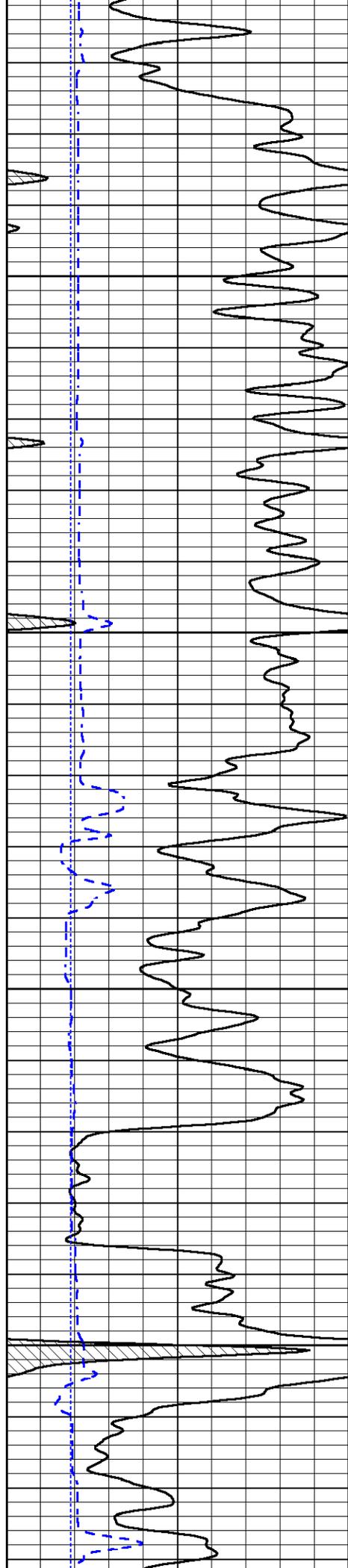


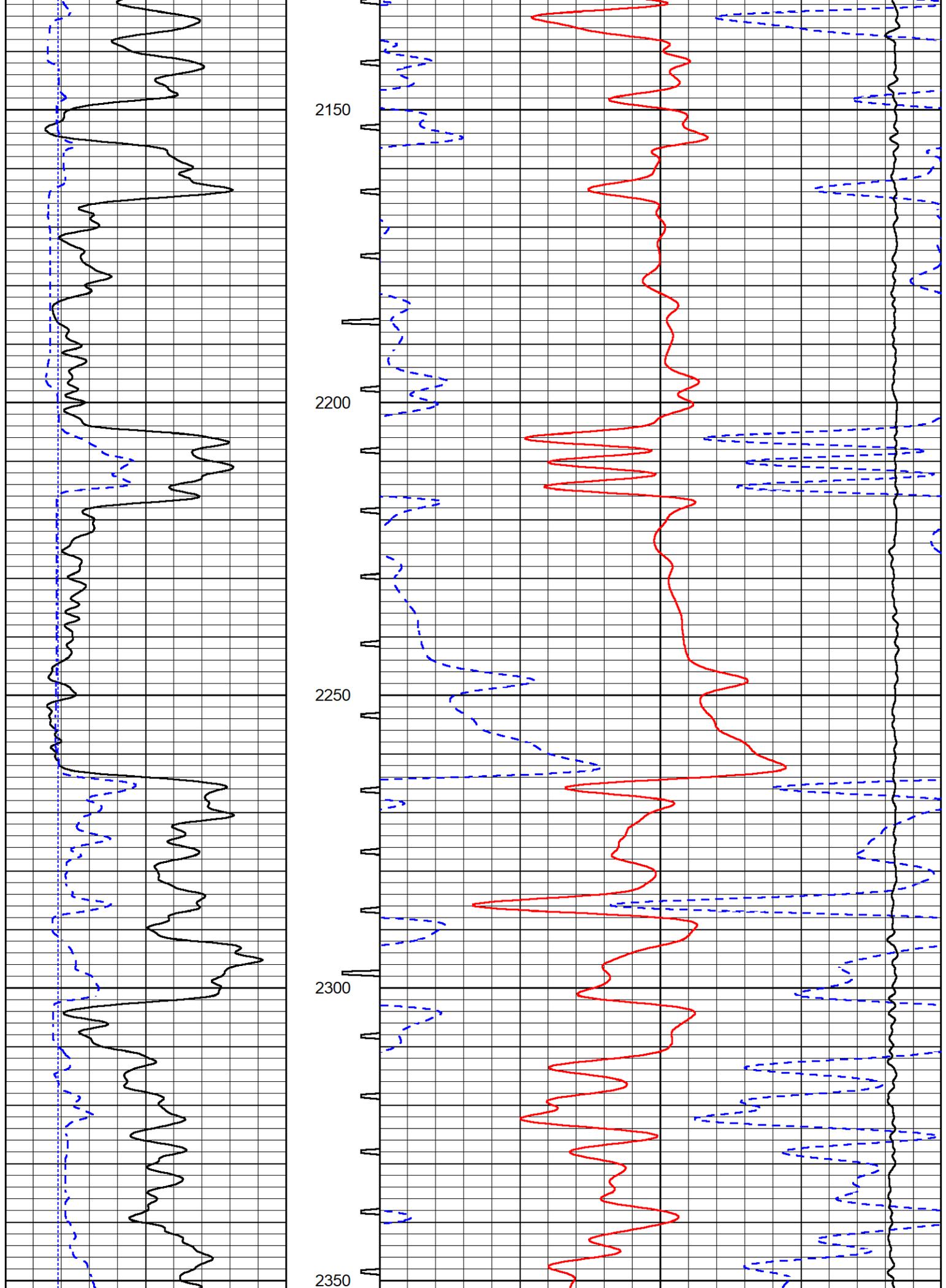


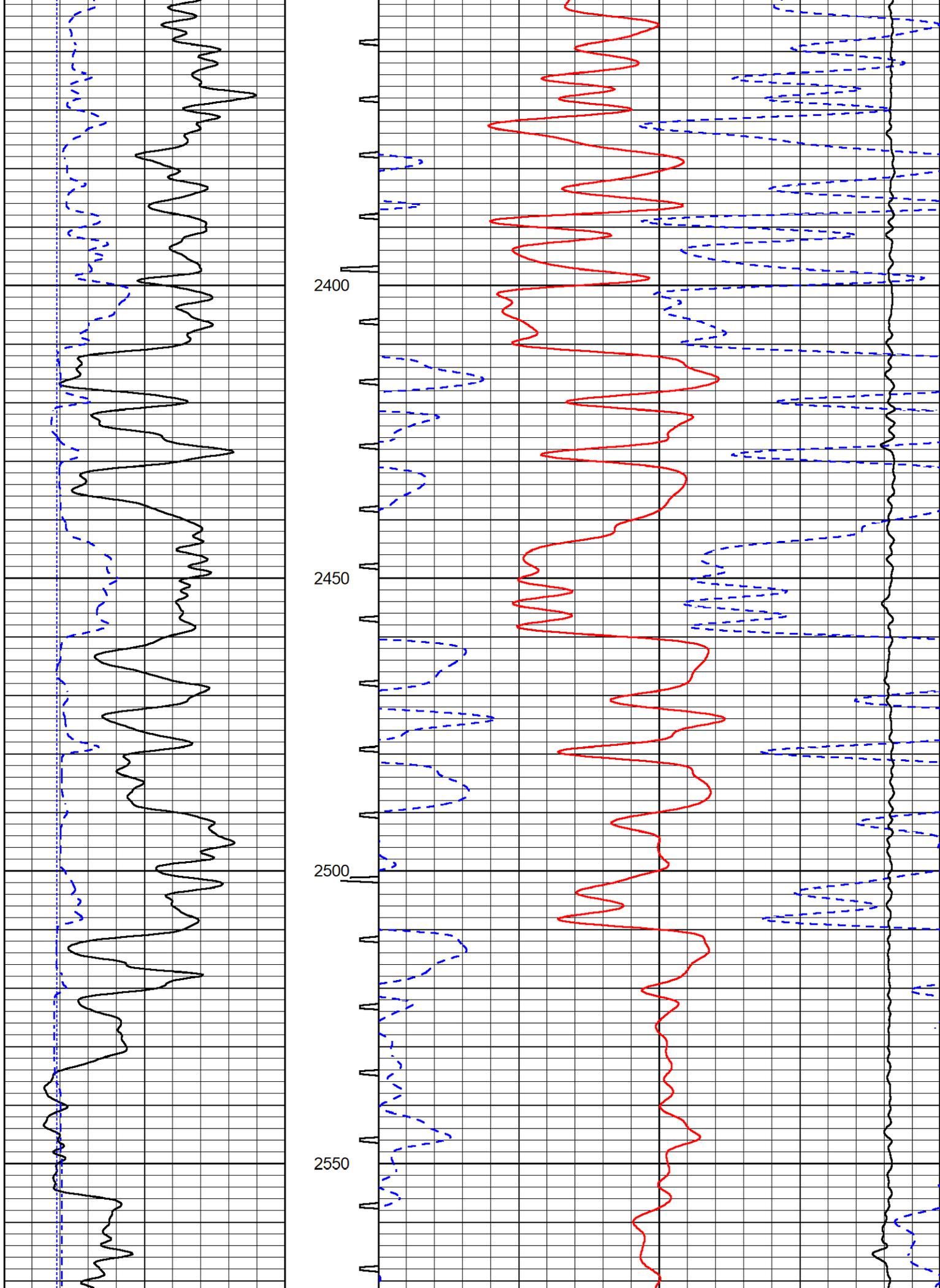


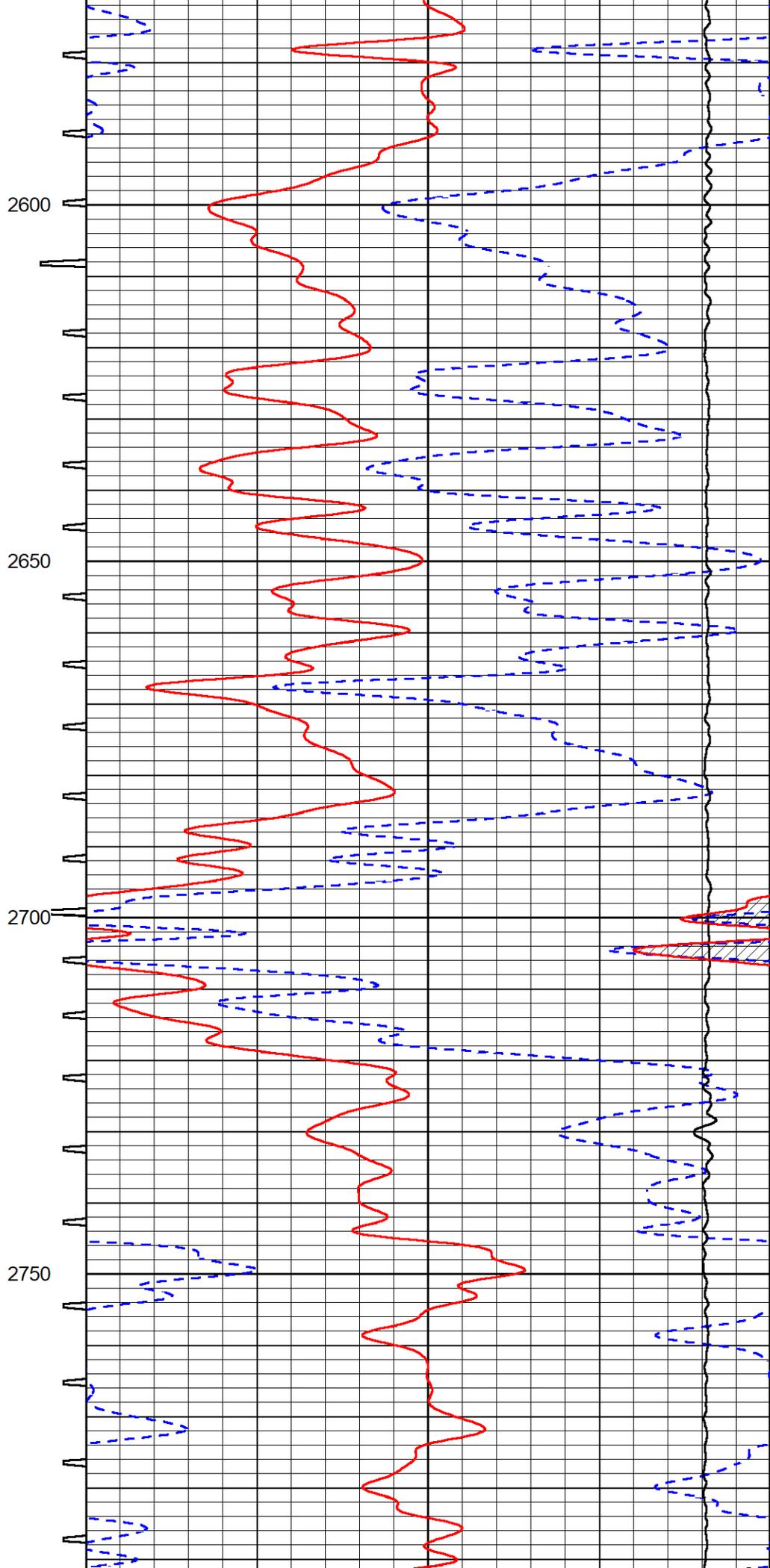
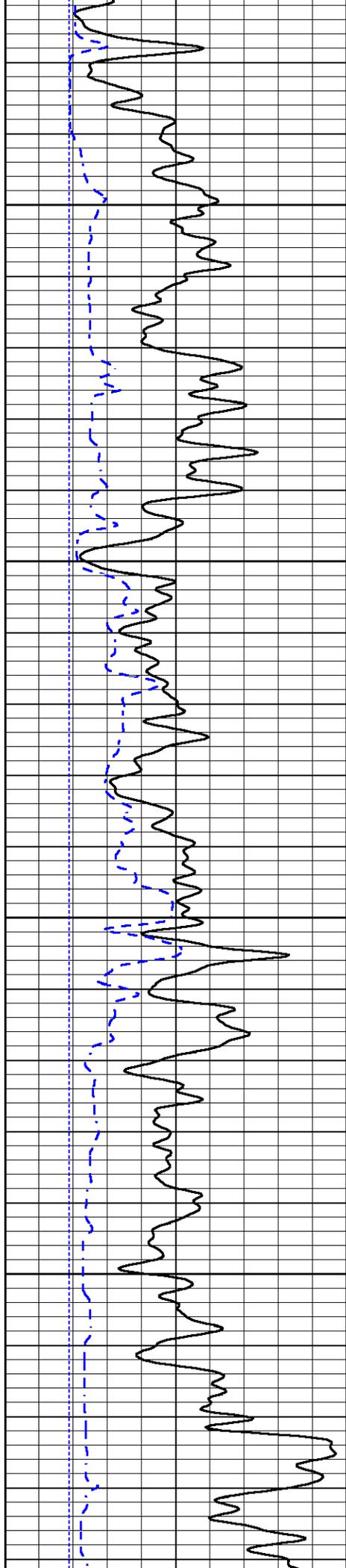


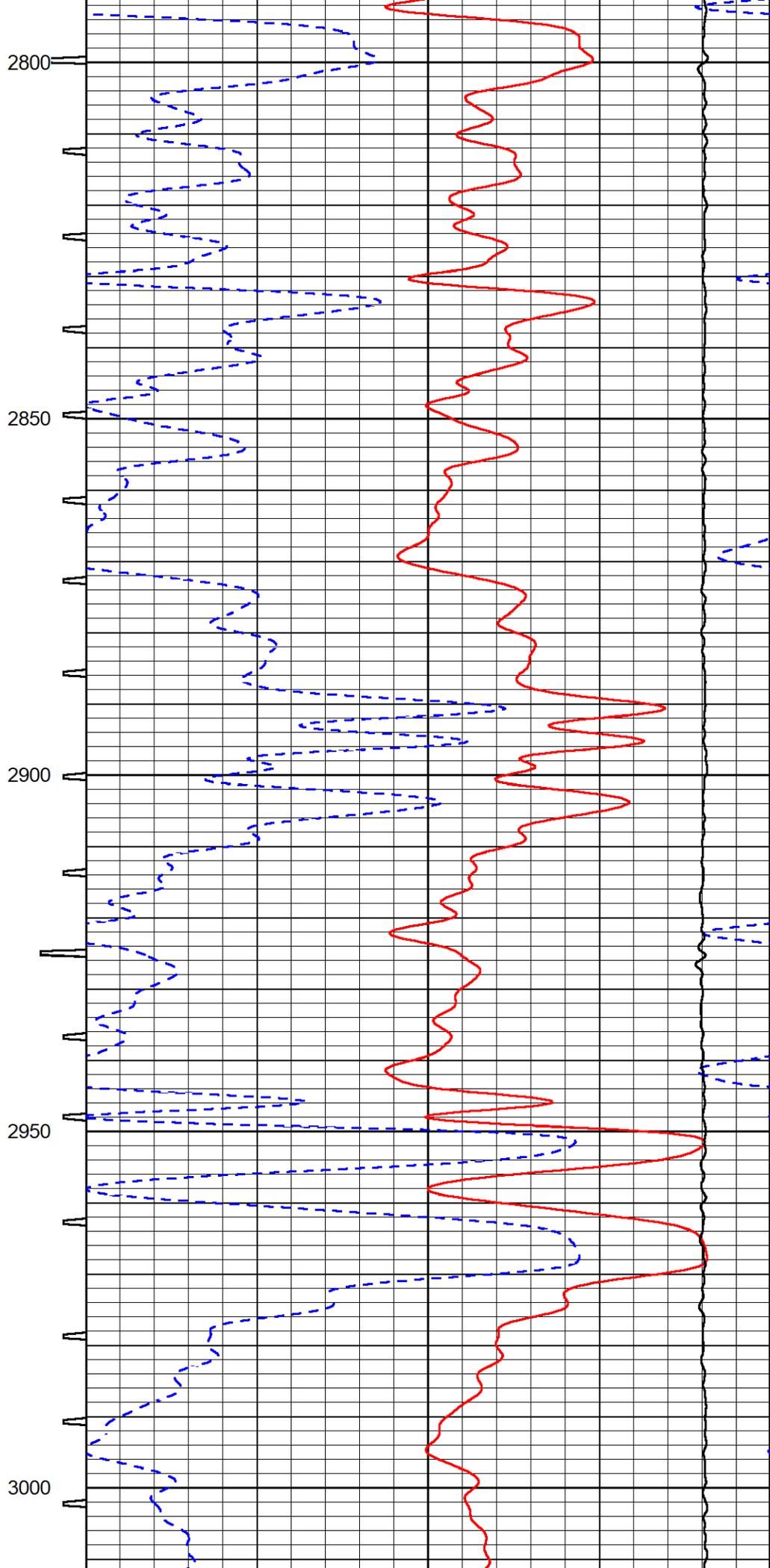
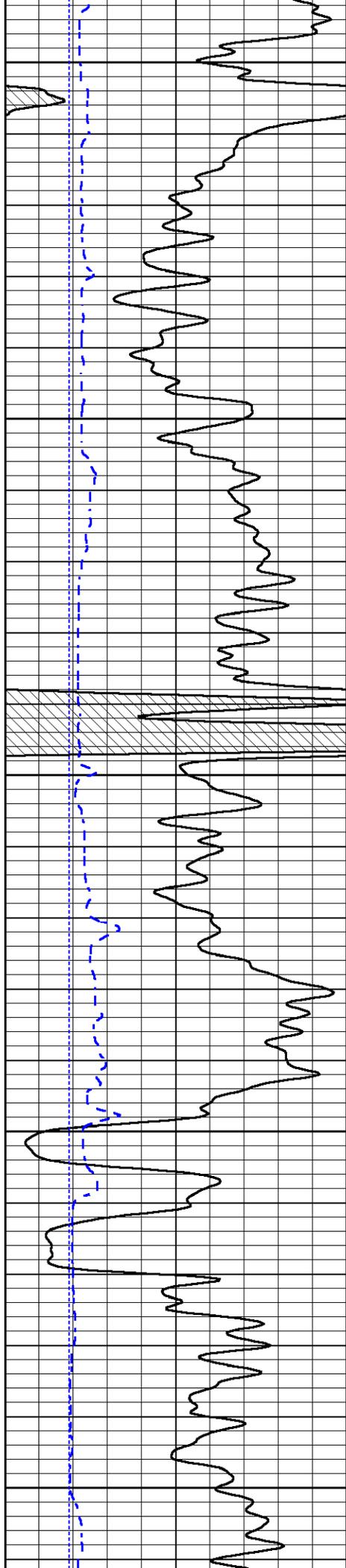


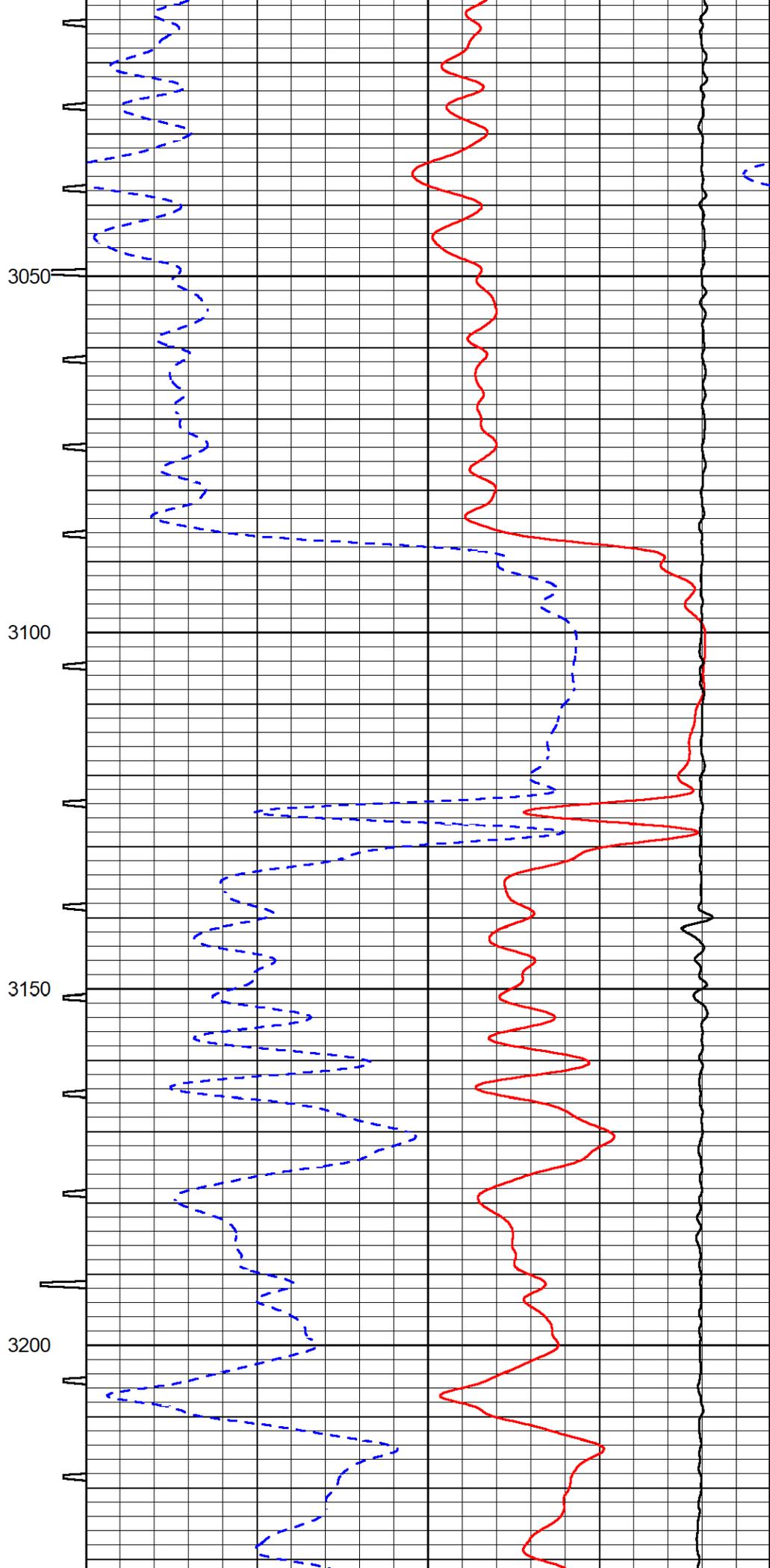
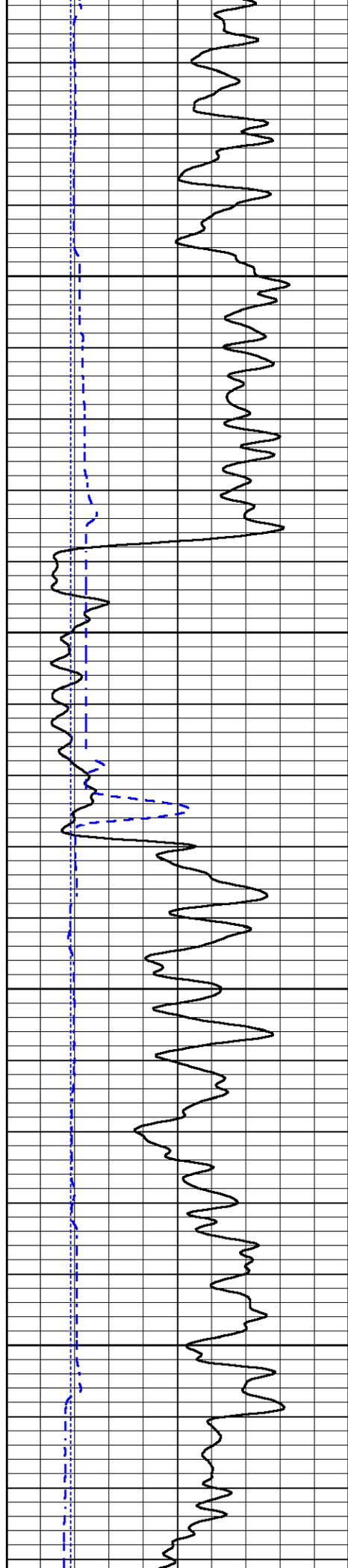


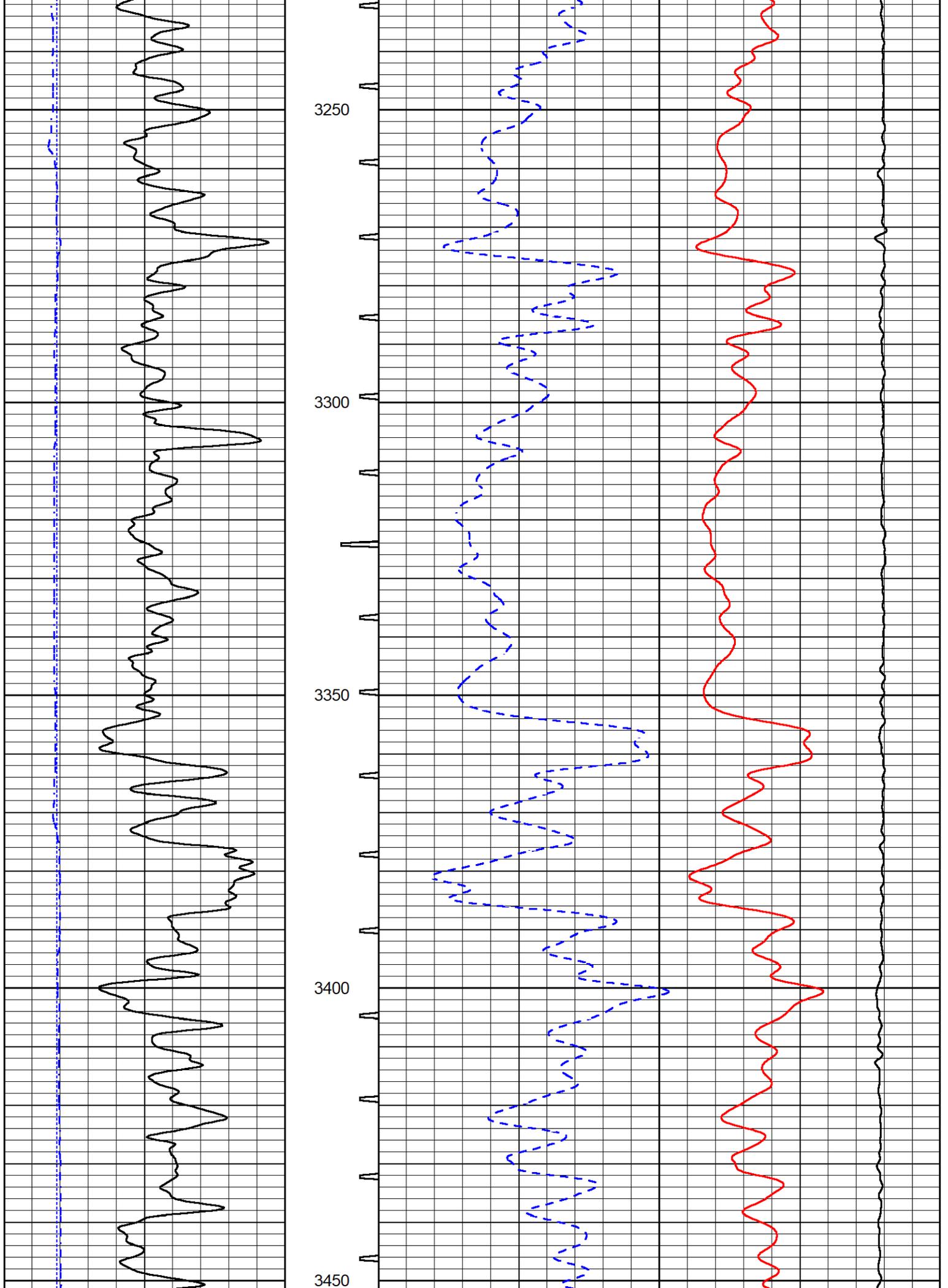


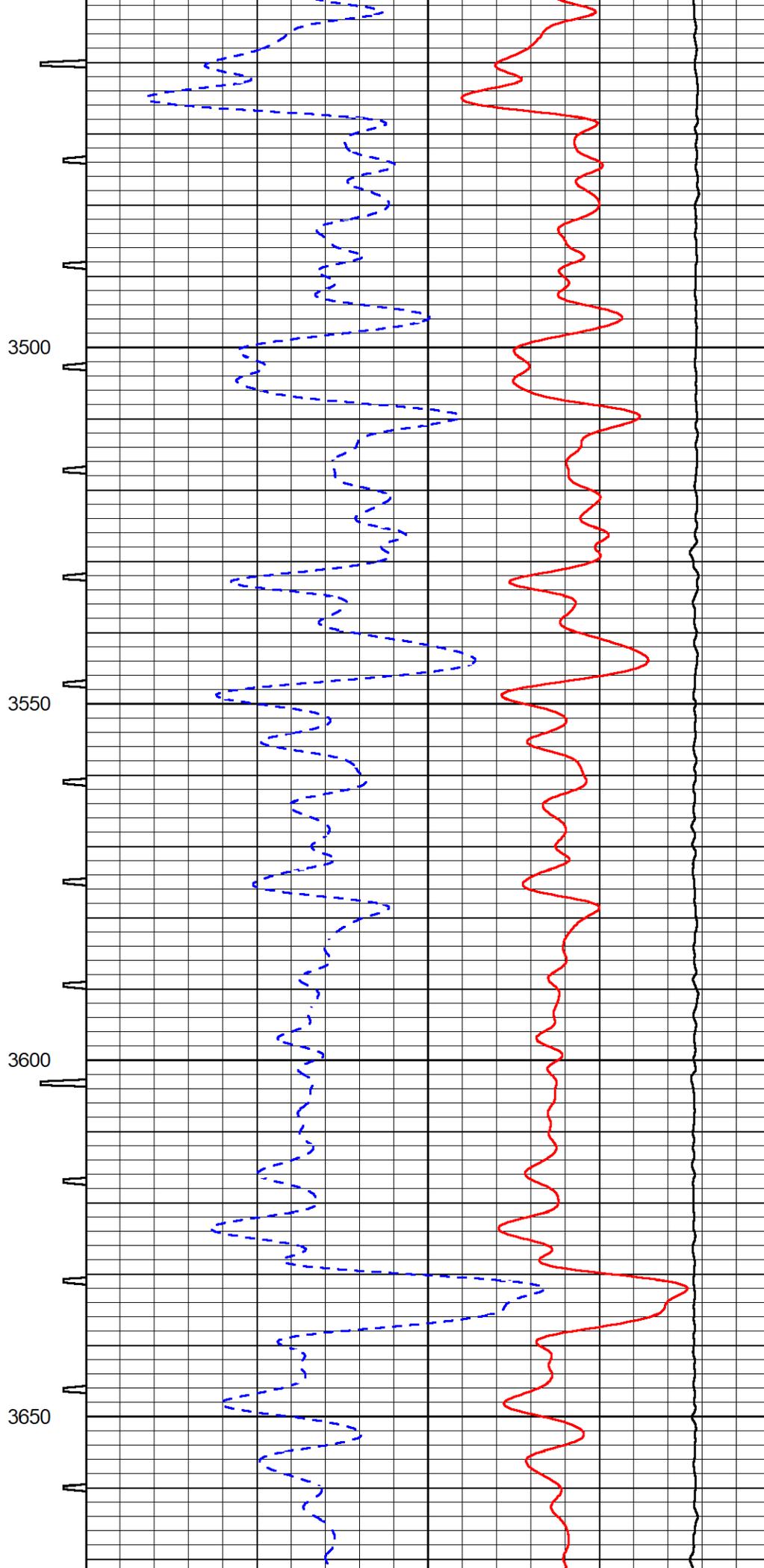
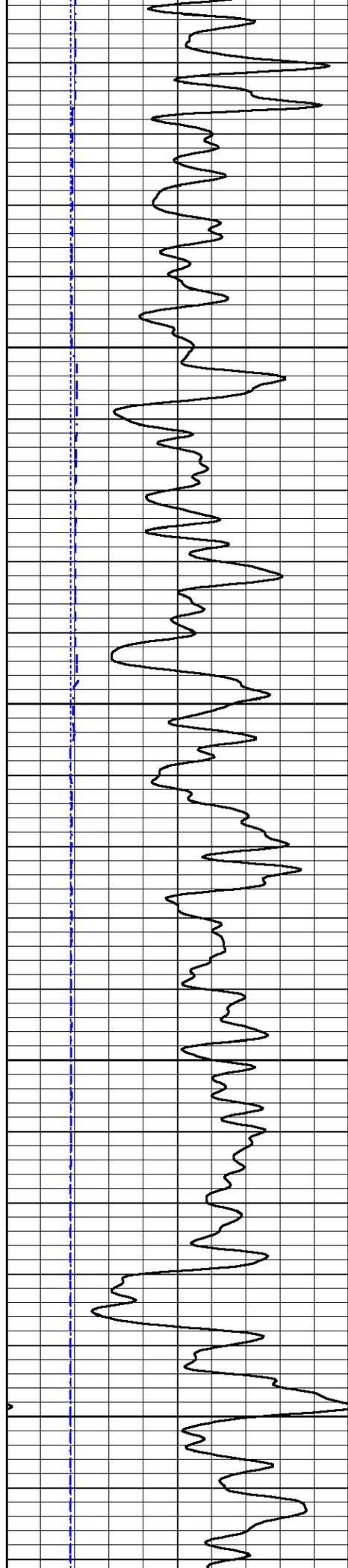


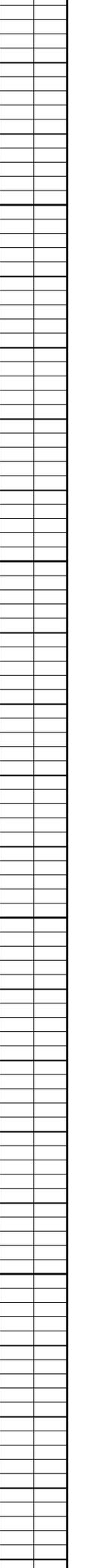
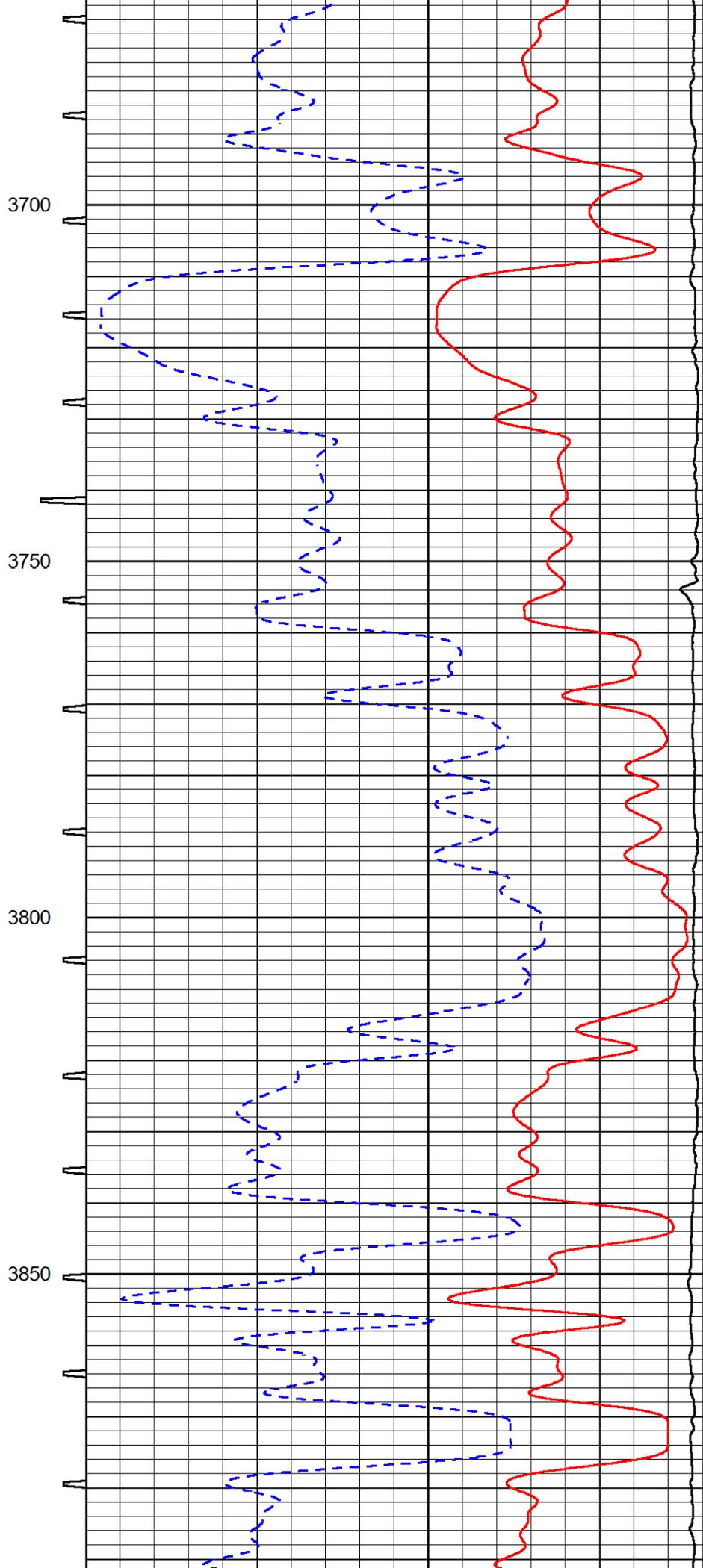
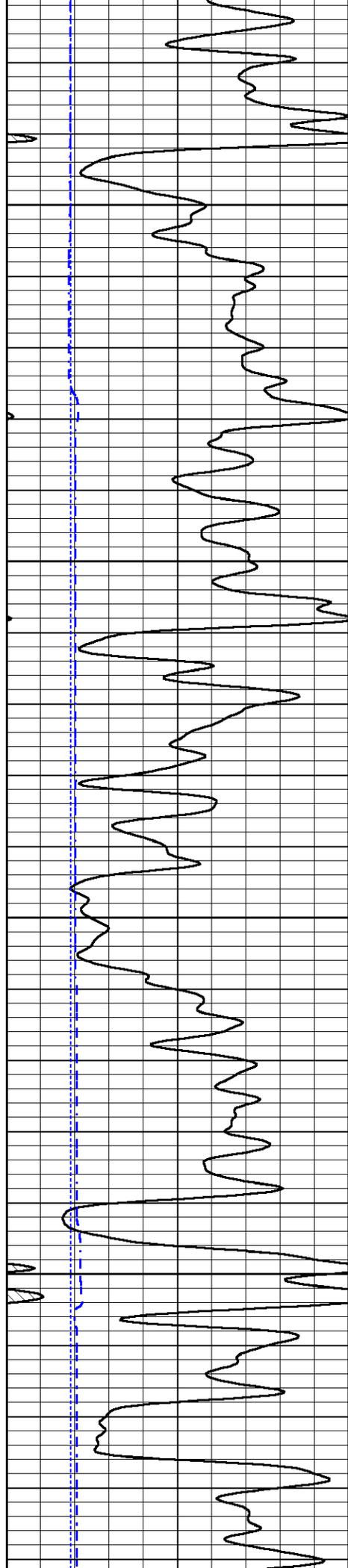


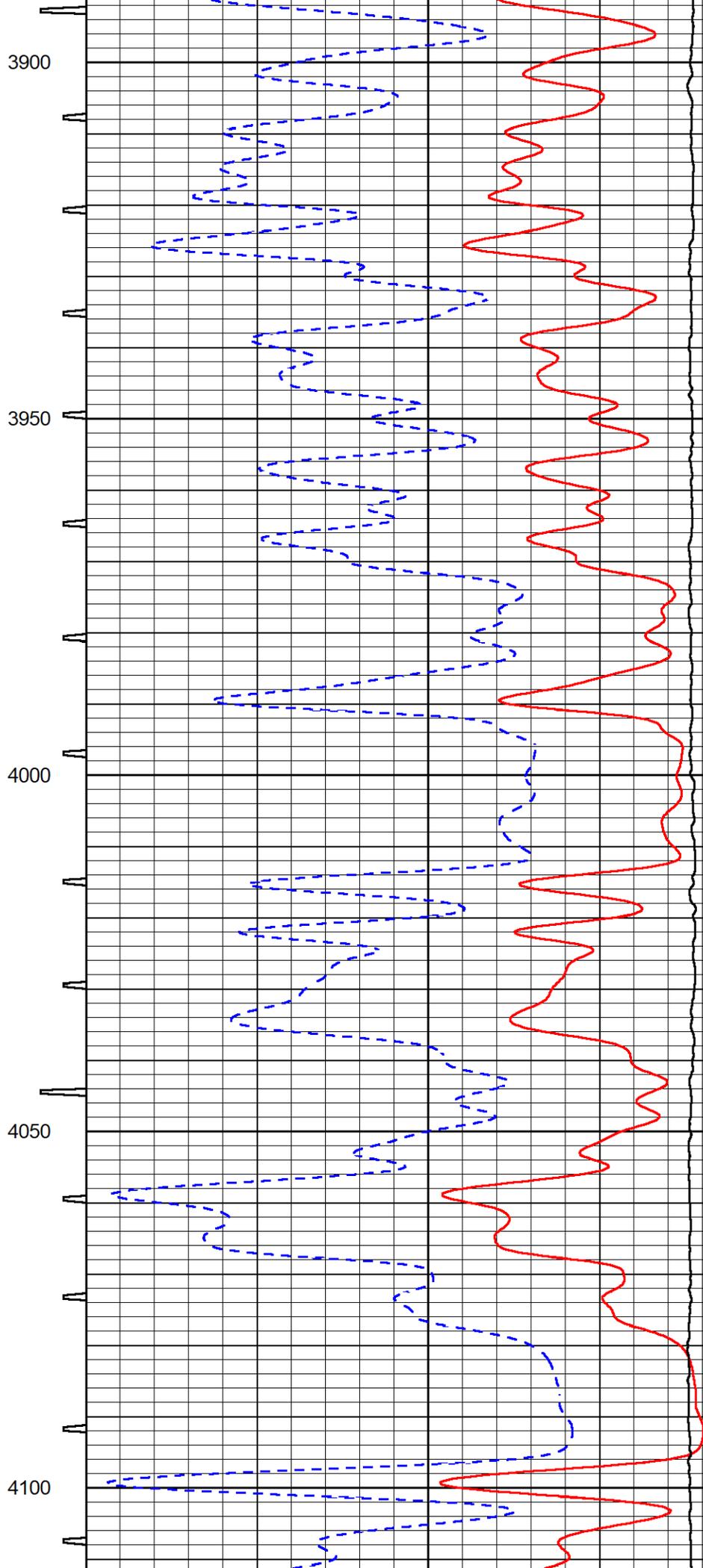
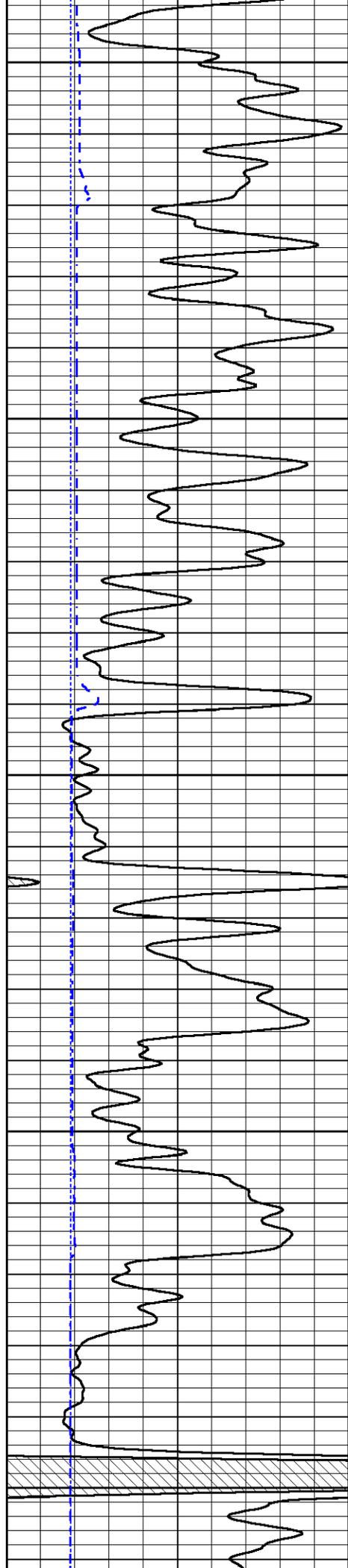


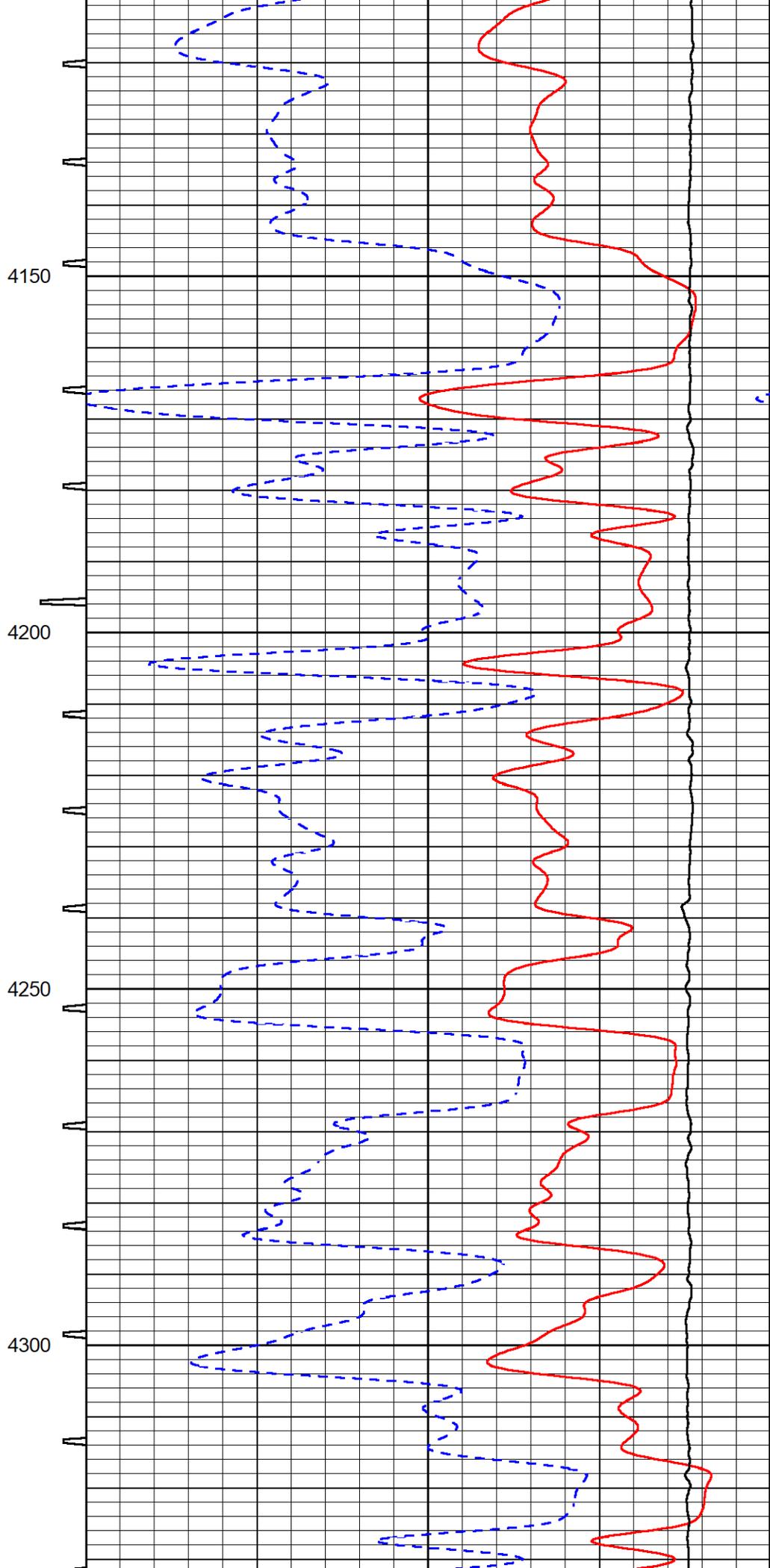
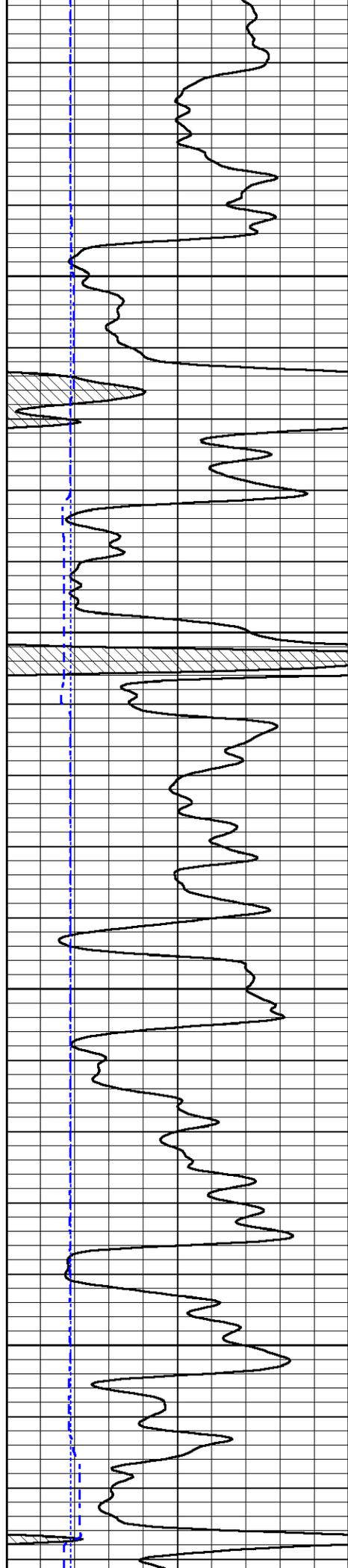


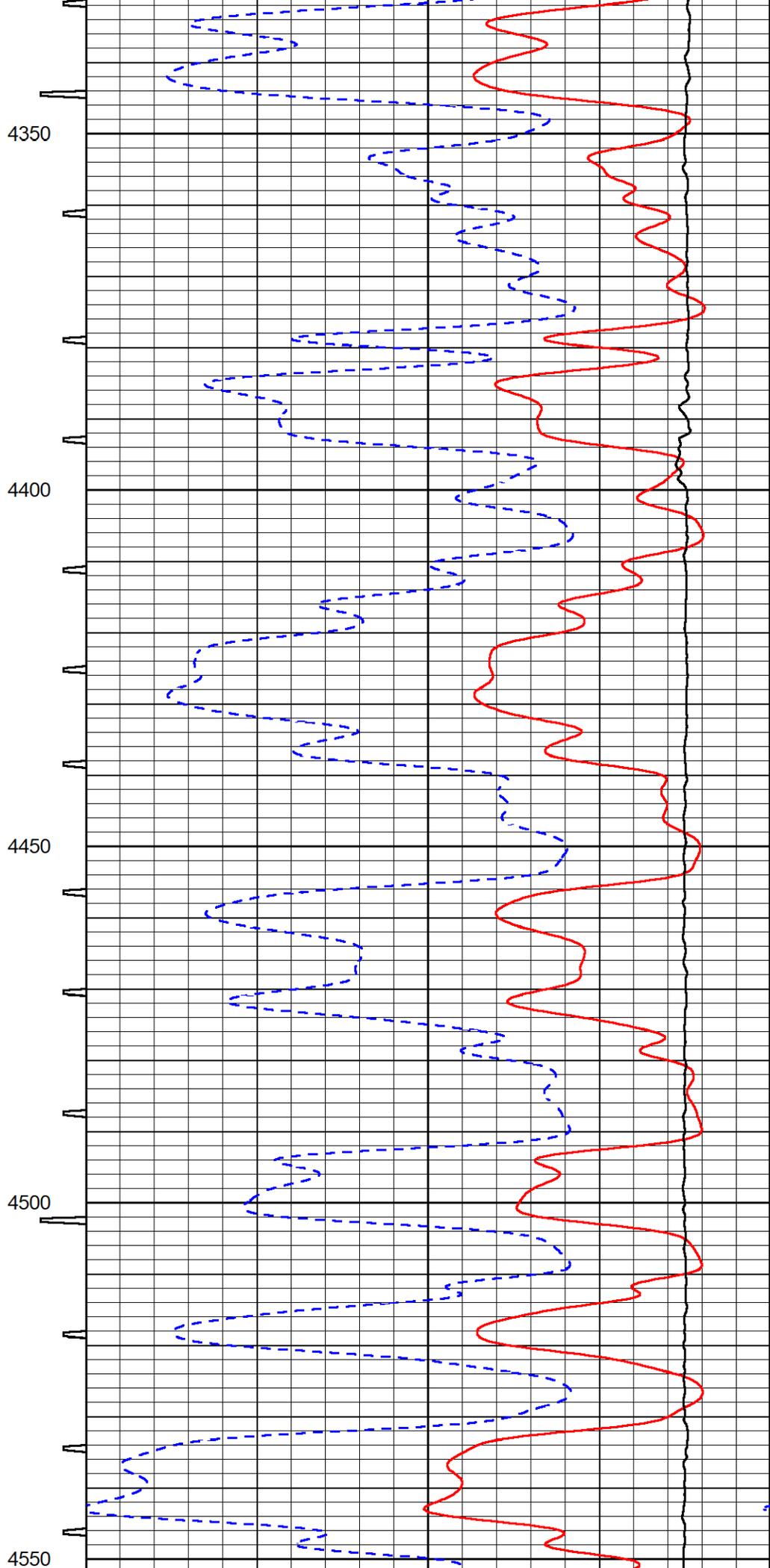
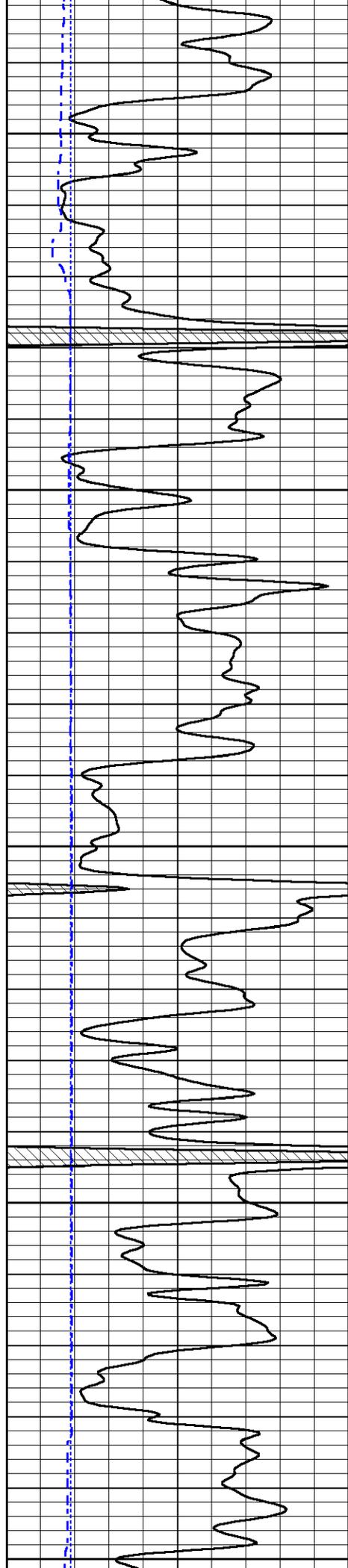


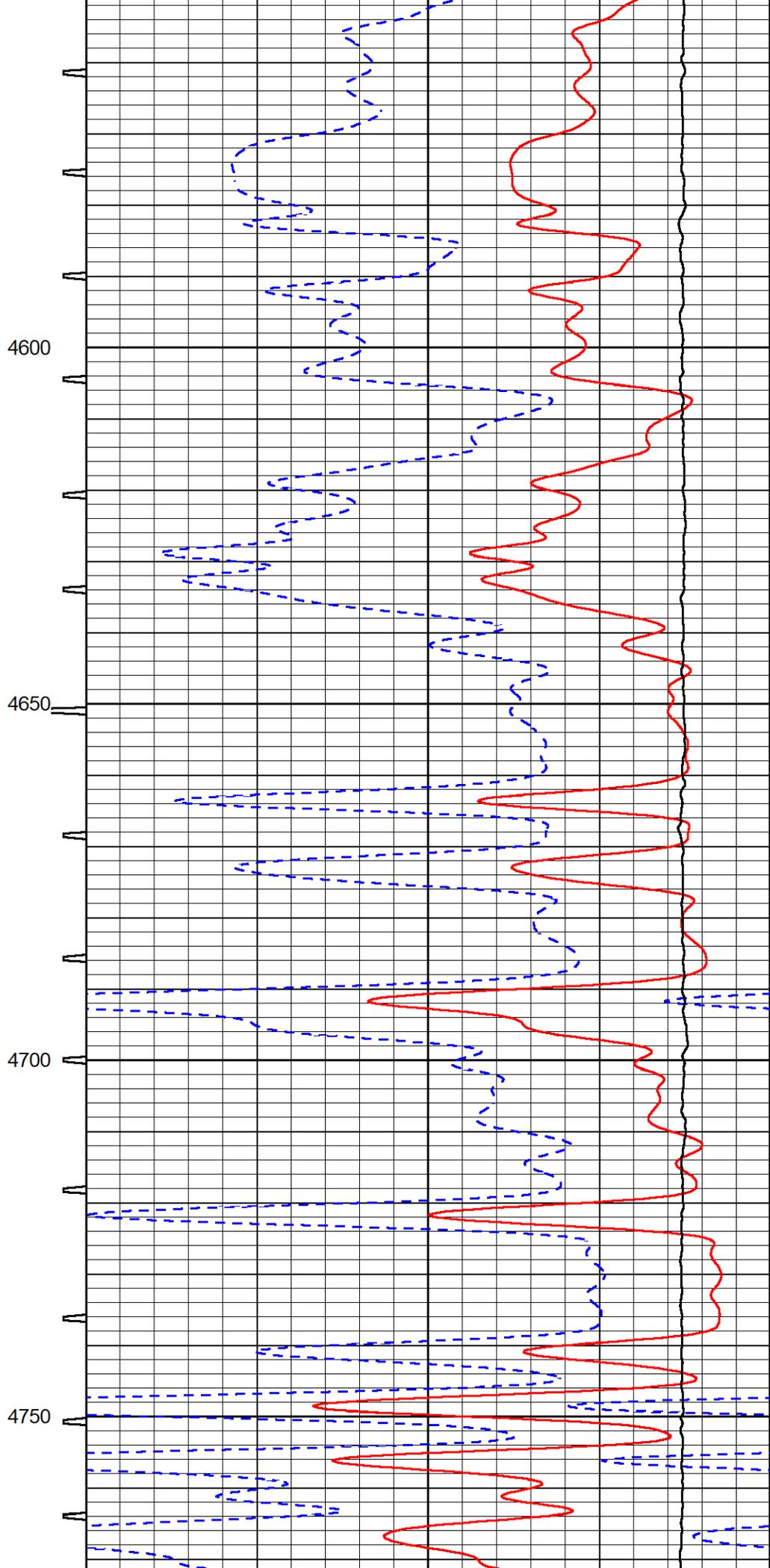
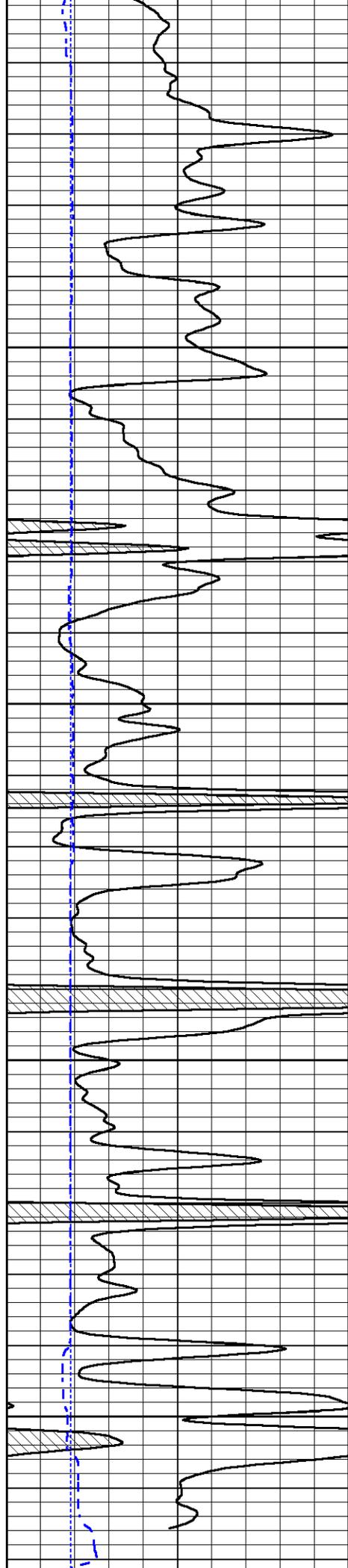


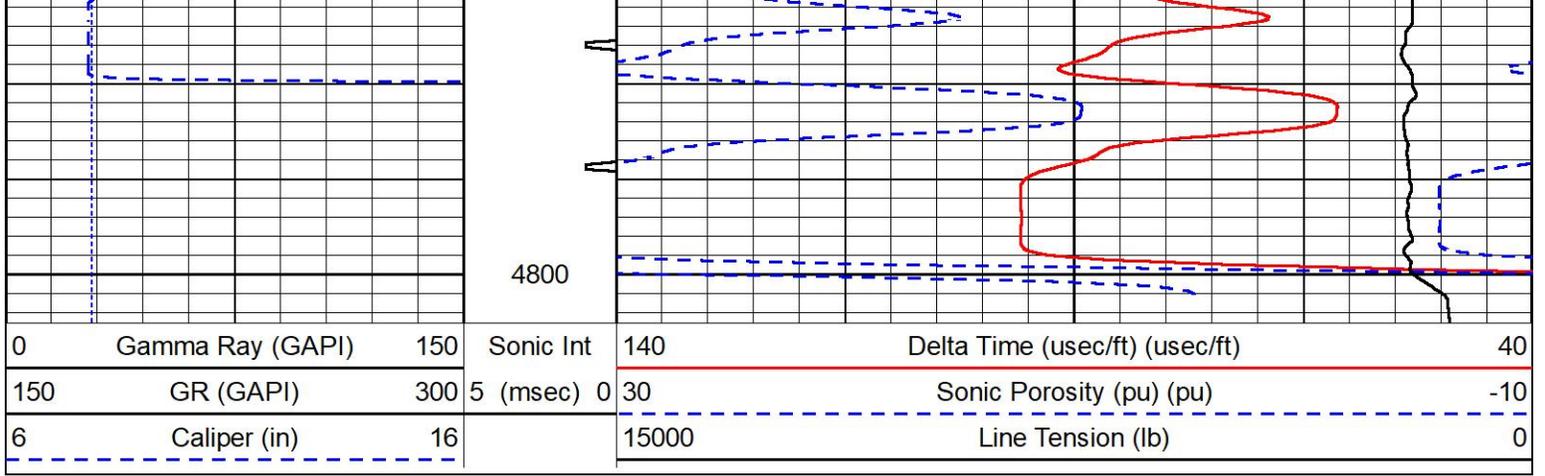










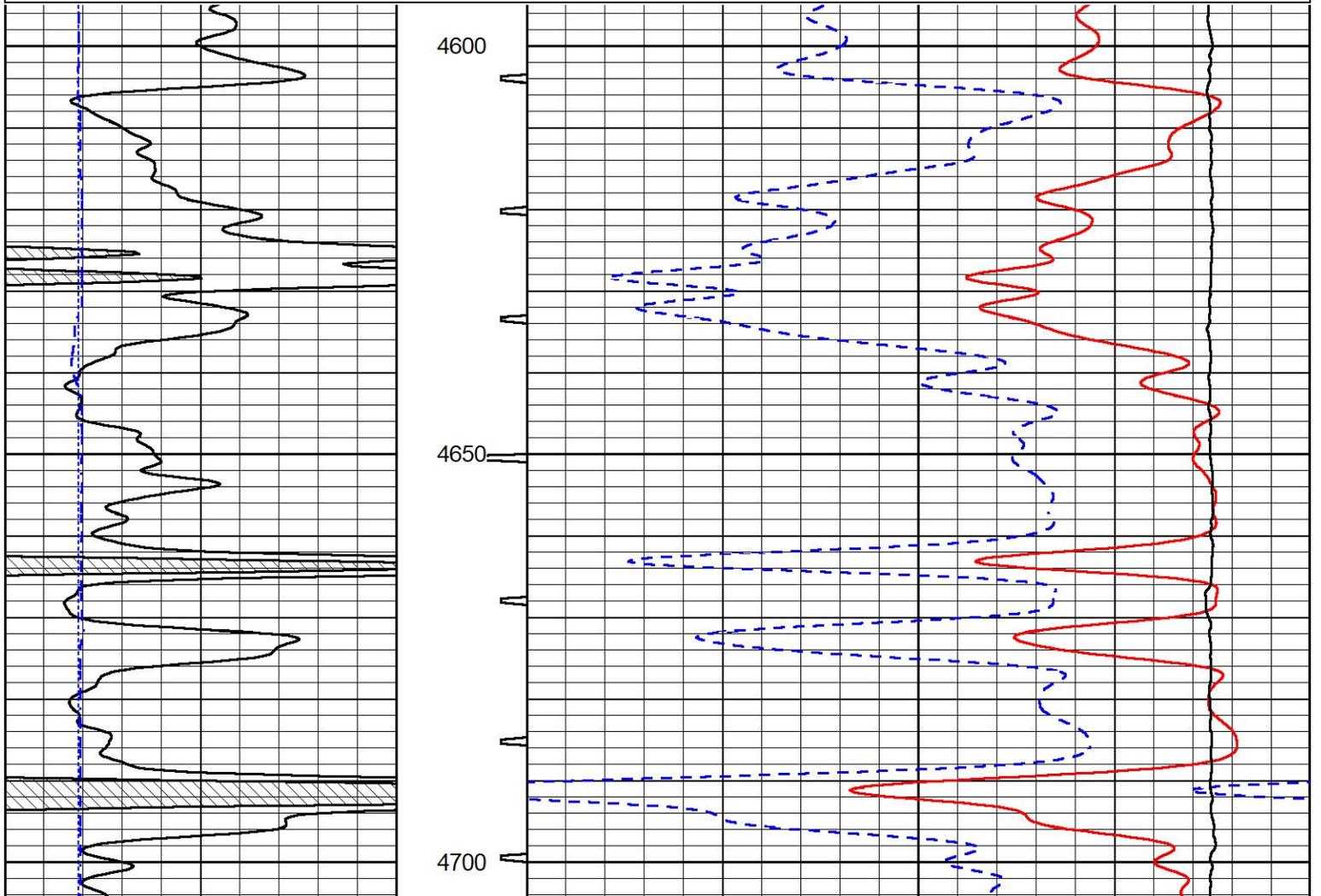


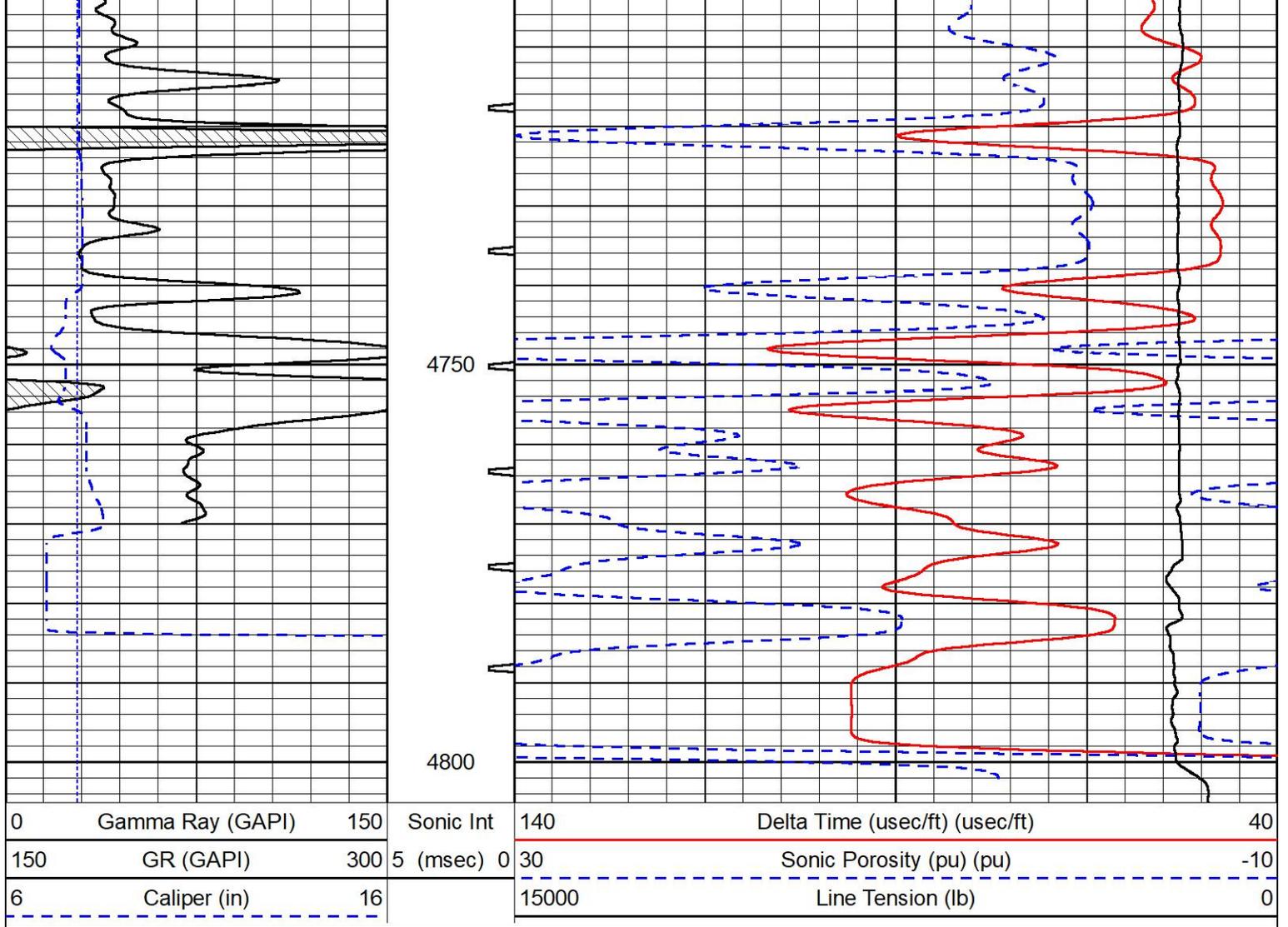
# REPEAT SECTION

## REPEAT PASS

Database File arcadian resources\_a b fischer 14-3.db  
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 Dataset Creation Tue Nov 02 13:07:53 2021  
 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
6	Caliper (in)	16		15000	Line Tension (lb)	0





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