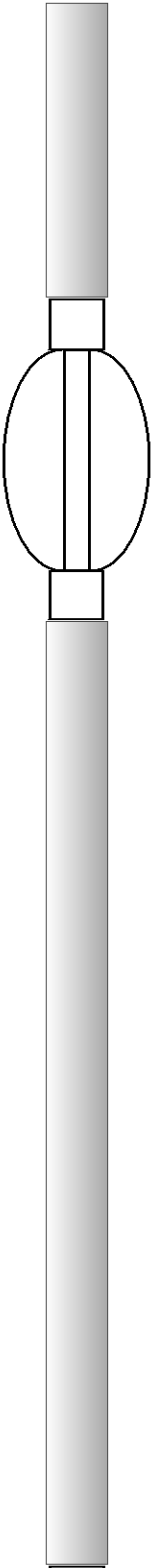
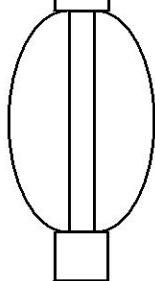


DatabaseC:\ProgramData\Warrior\Data\amwarrior_hicks_a_1-24.db
Dataset field/well/stack/pass3.1/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	126	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	-320	12	Off	5000

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
MCAL MI MN	28.00 28.00 28.00		ML-Armadillo (Armadillo-1) Pengo micro log tool mandrel with Armadillo Electronics	5.00	3.50	100.00
			CENT-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

5.50

3.00

70.00

Dataset: amwarrior_hicks_a_1-24.db: field/well/sonmel/pass1
Total length: 32.00 ft
Total weight: 540.00 lb
O.D.: 3.50 in

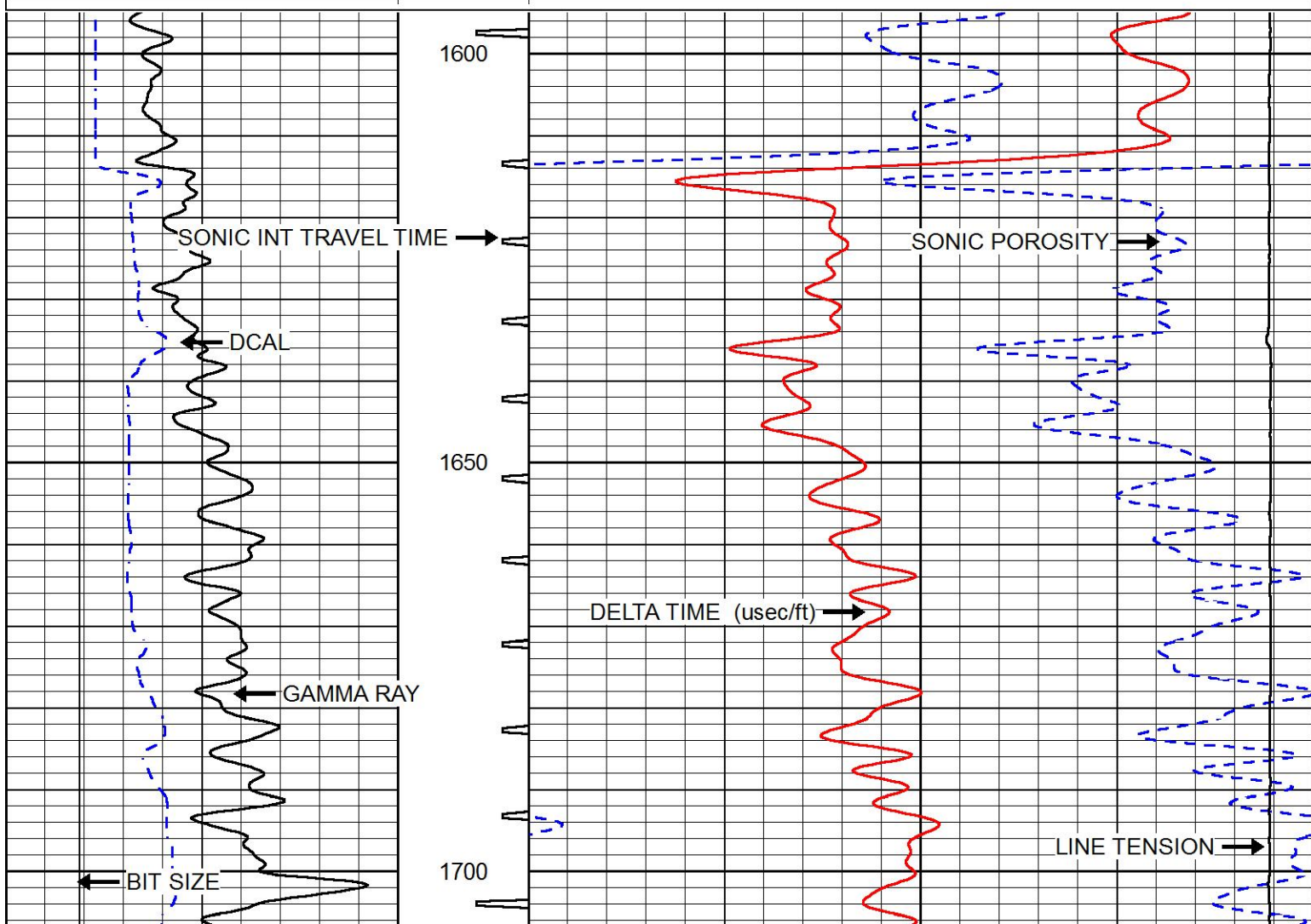


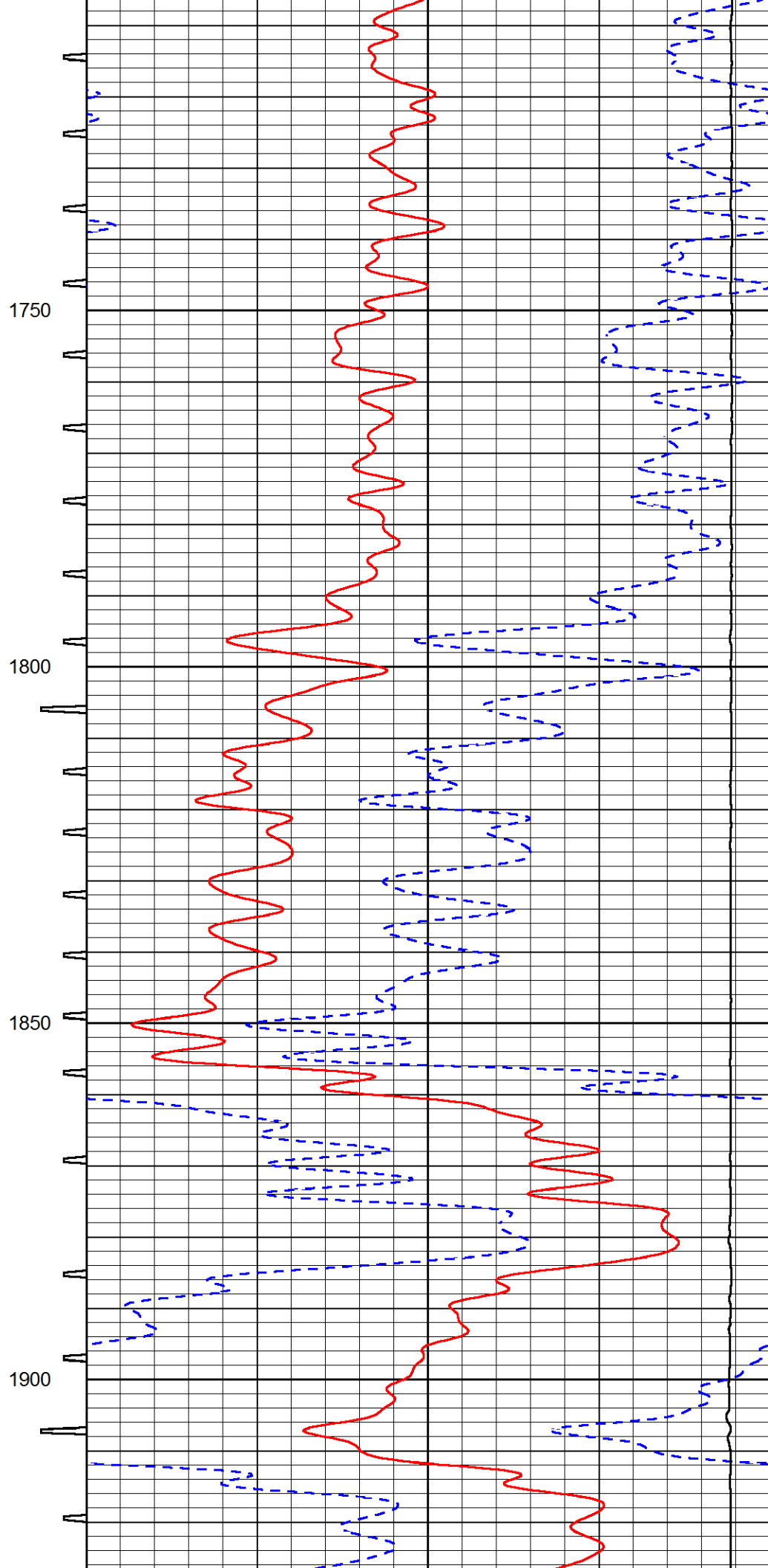
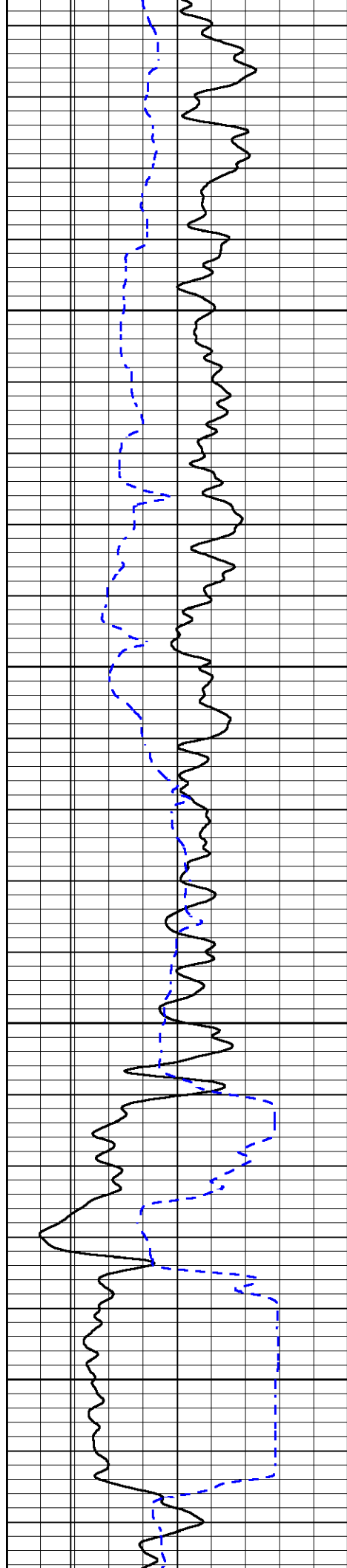
PIONEER
Pioneer Energy Services

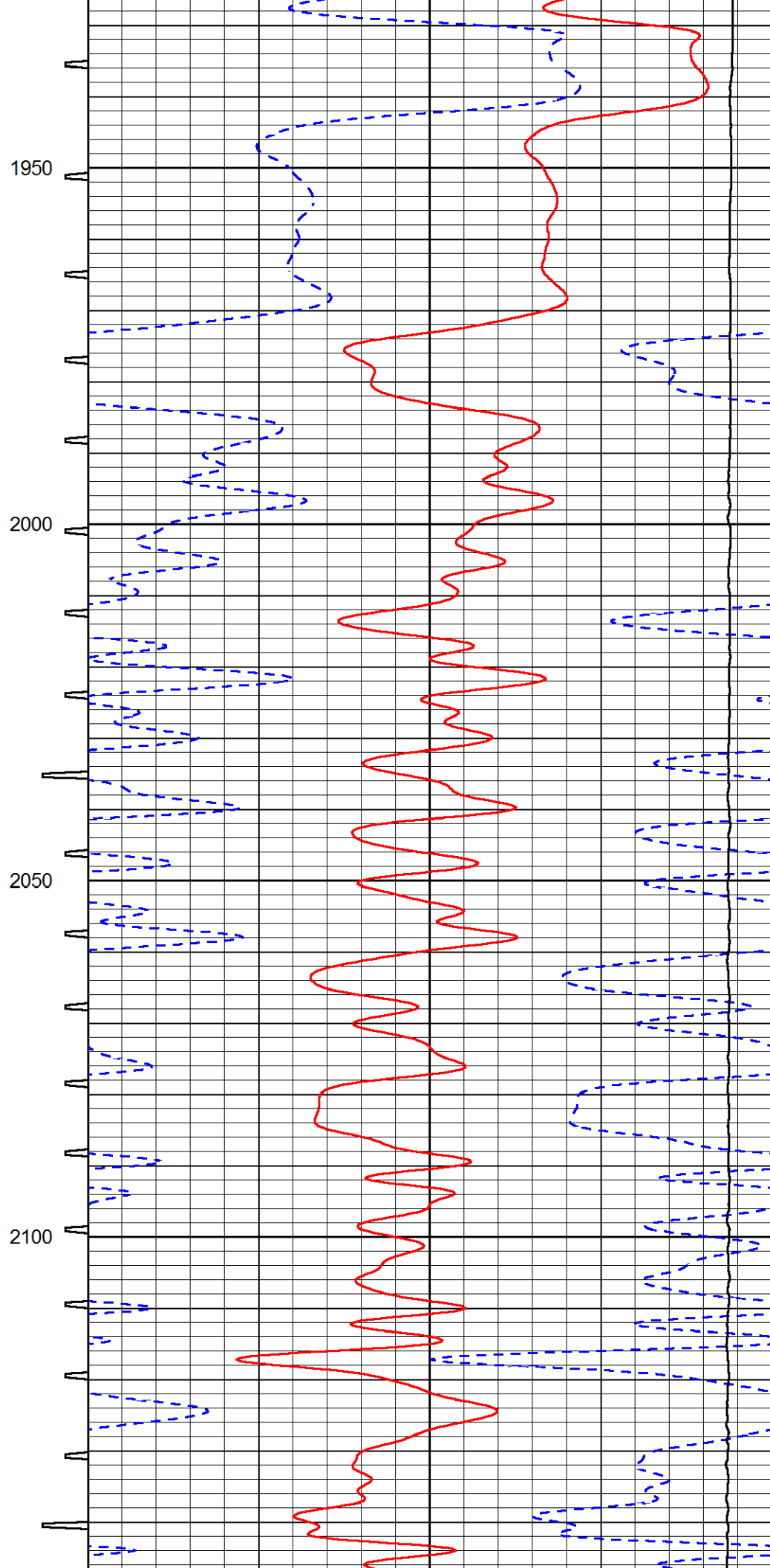
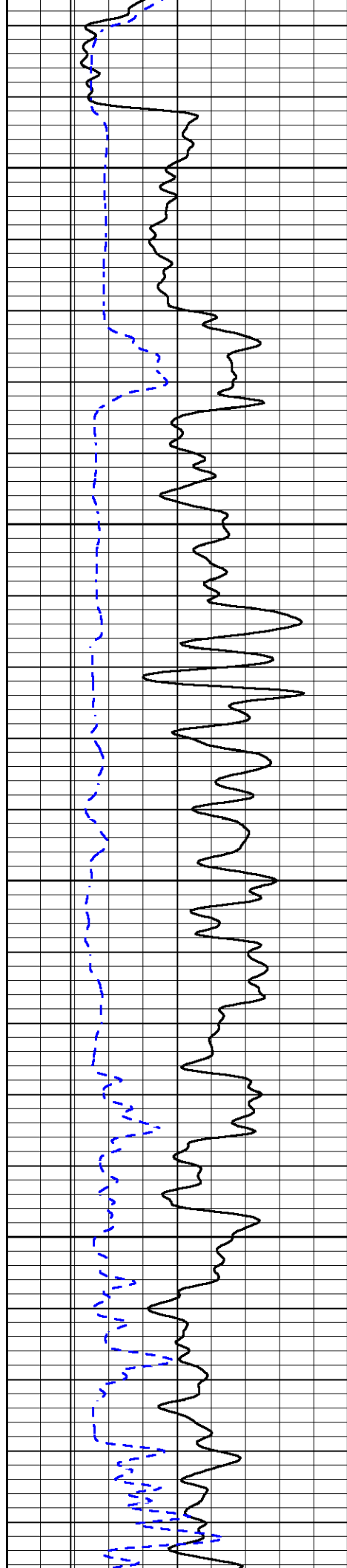
MAIN PASS

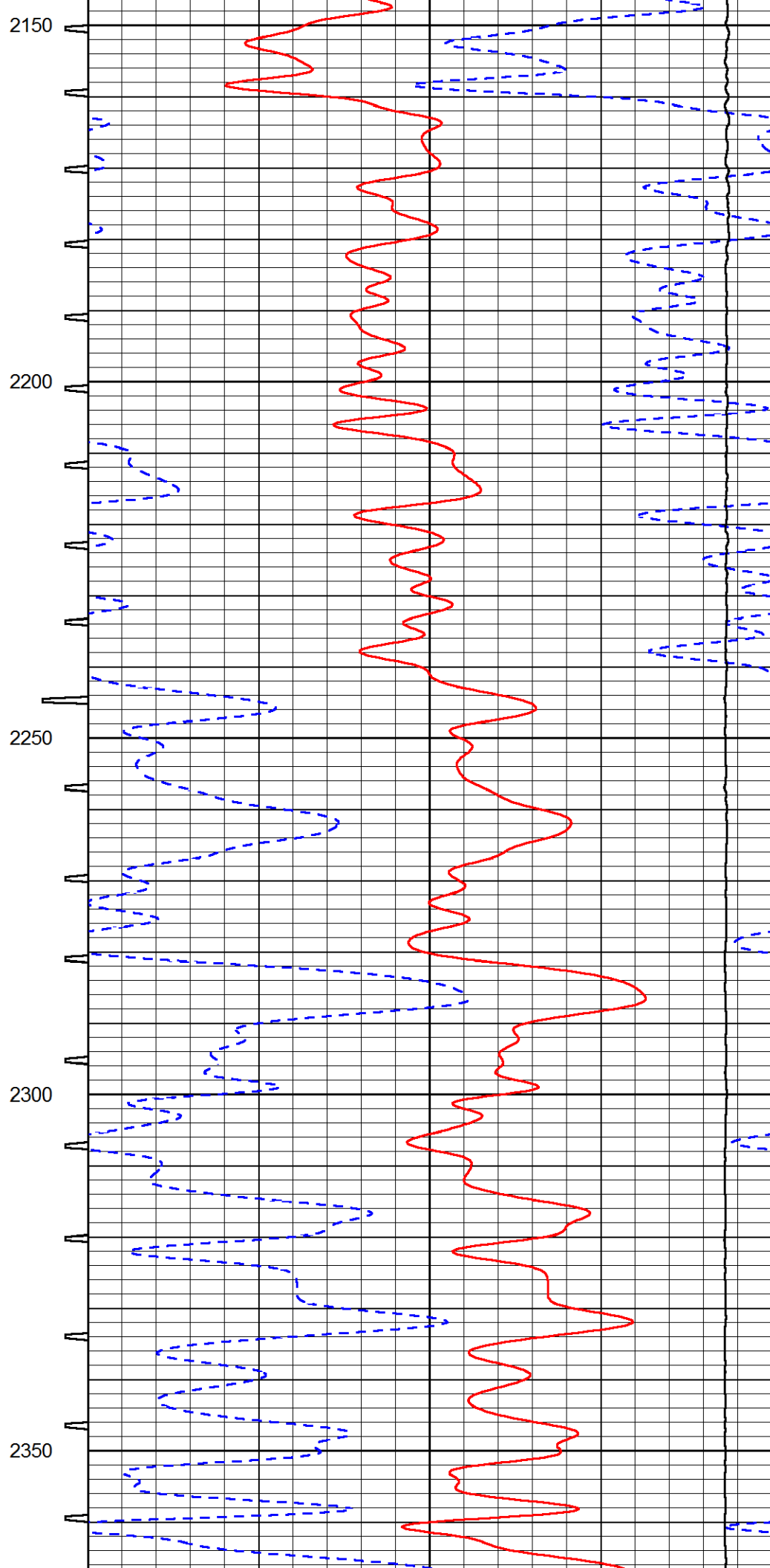
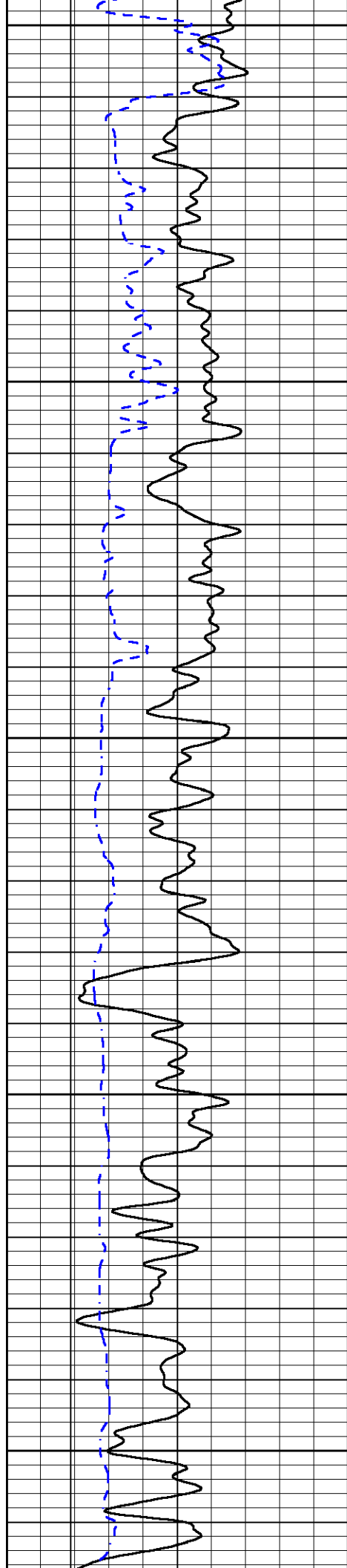
Database File amwarrior_hicks_a_1-24.db
Dataset Pathname stack/pass3.1
Presentation Format sonic
Dataset Creation Sun Jan 08 02:50:28 2017
Charted by Depth in Feet scaled 1:240

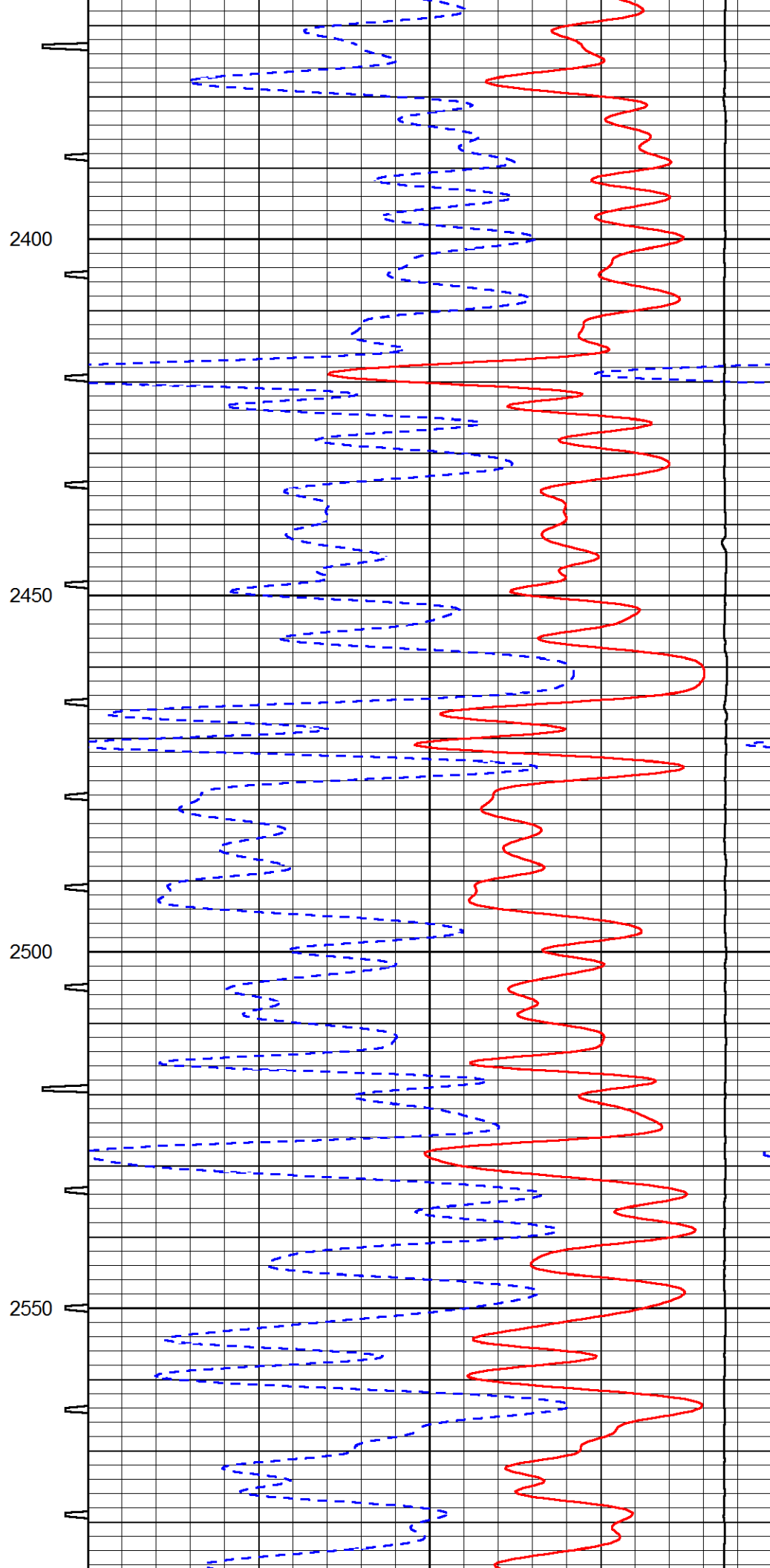
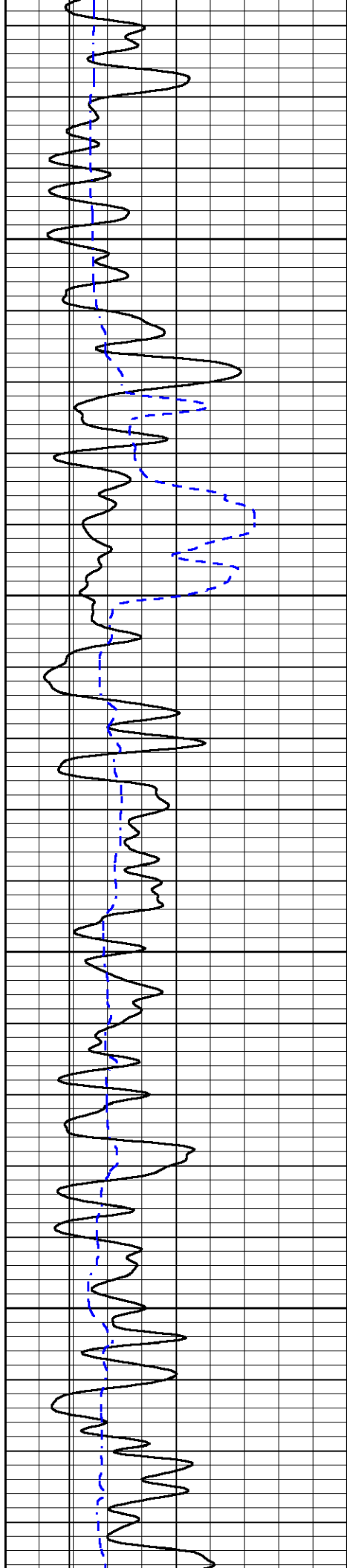
0	GAMMA RAY (GAPI)	150	SONIC INT	140	DELTA TIME (usec/ft) (usec/ft)	40
6	CALIPER (in)	16	TRAVEL TIME	30	SONIC POROSITY (pu)	-10
6	BIT SIZE	16	(msec)	15000	LINE TENSION (lb)	0

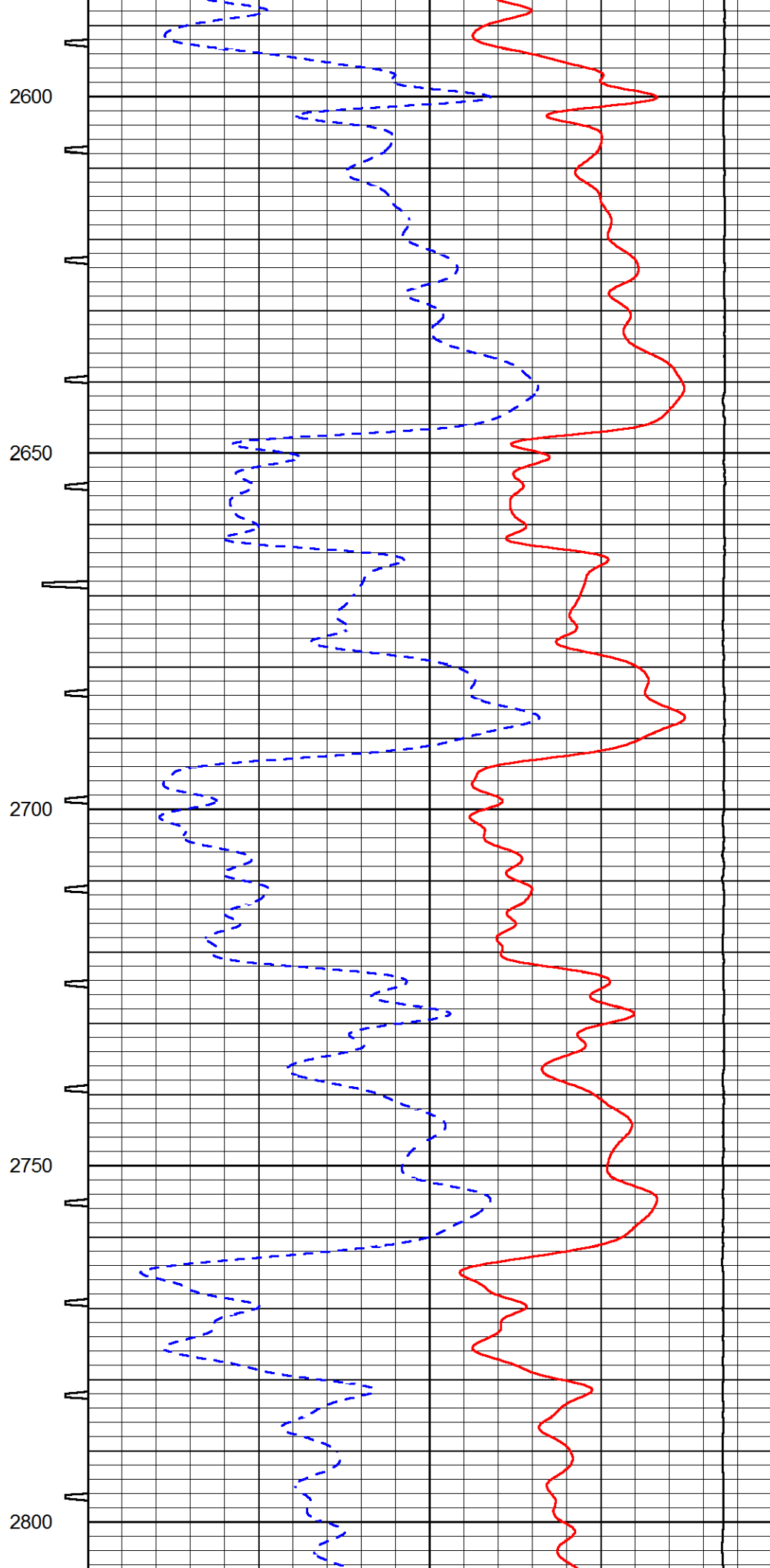
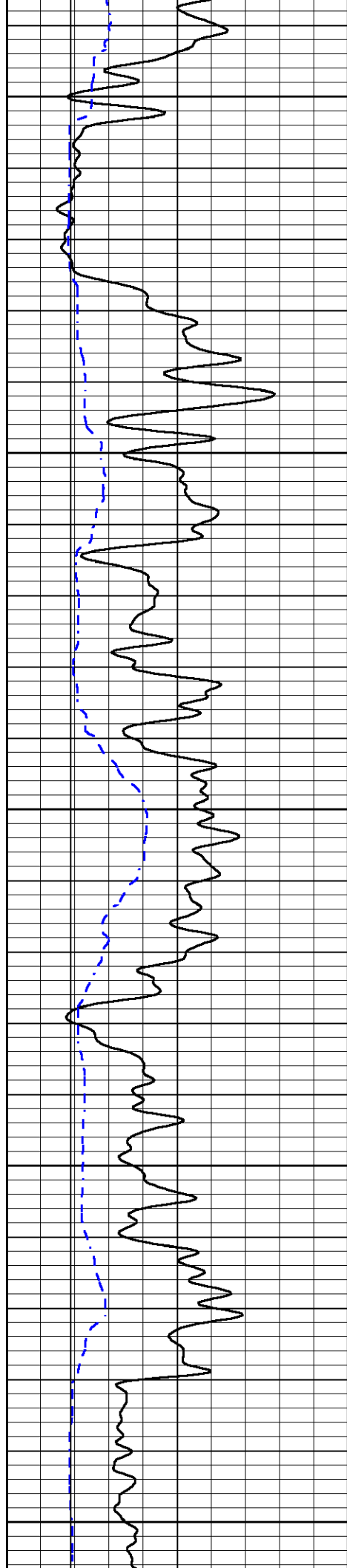


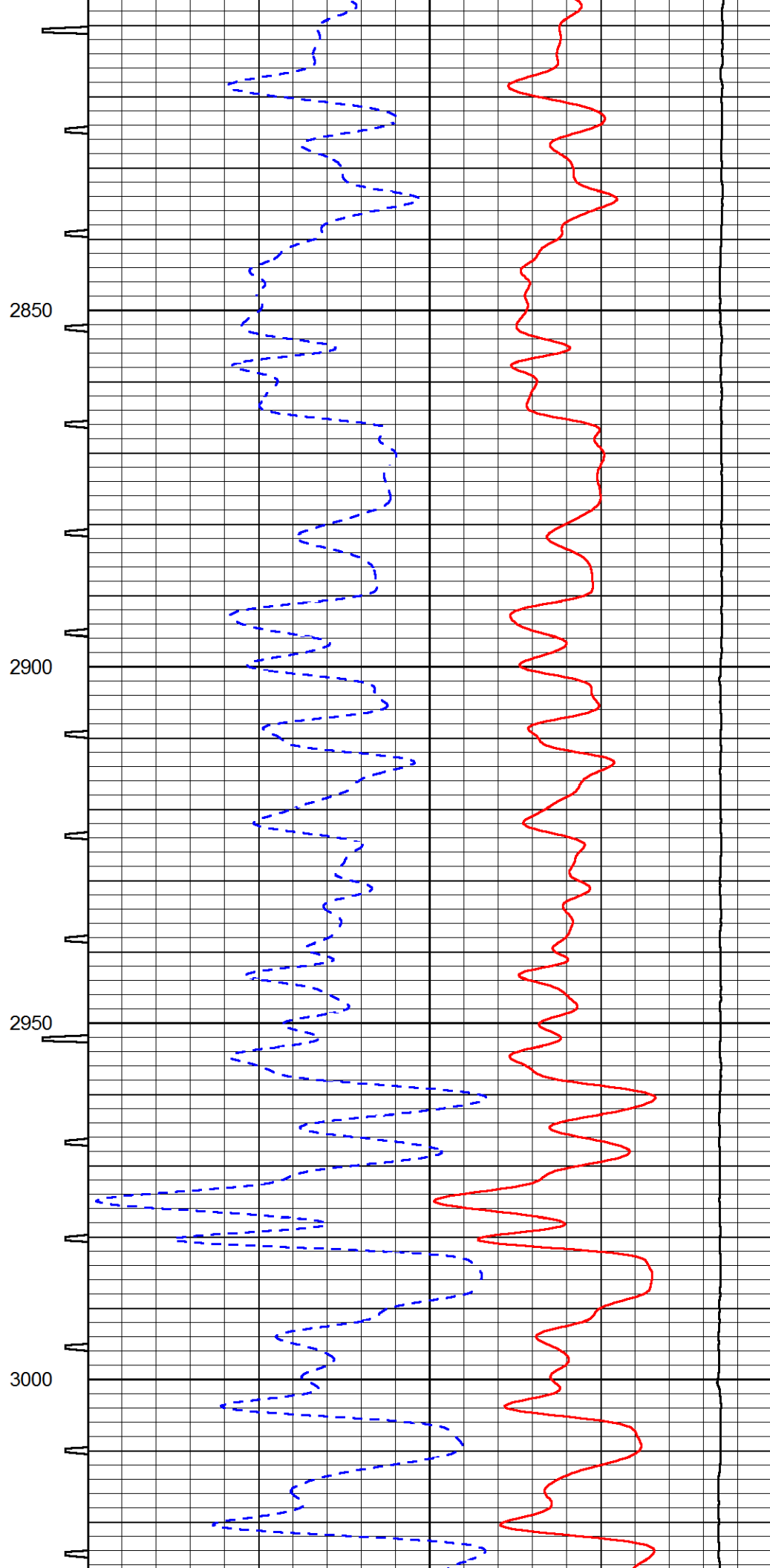
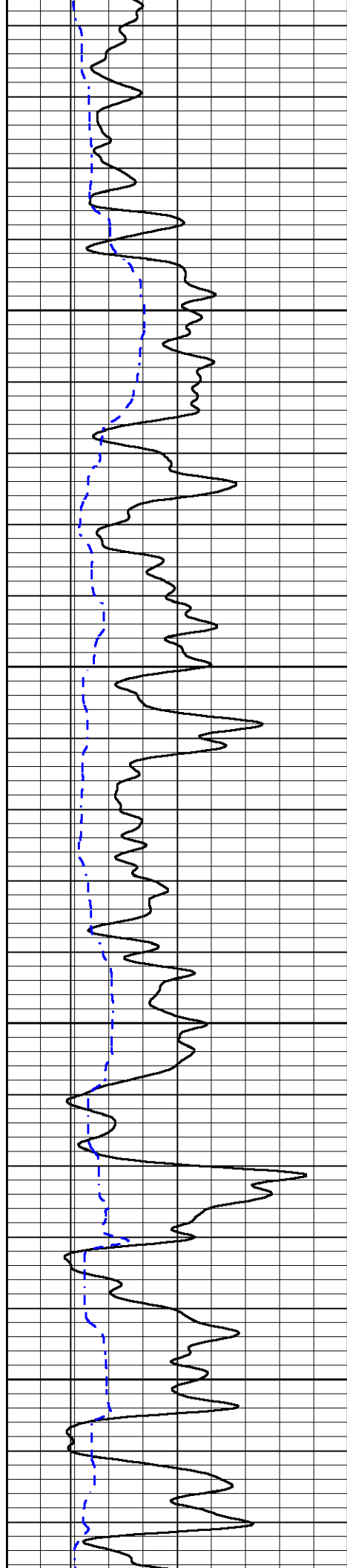


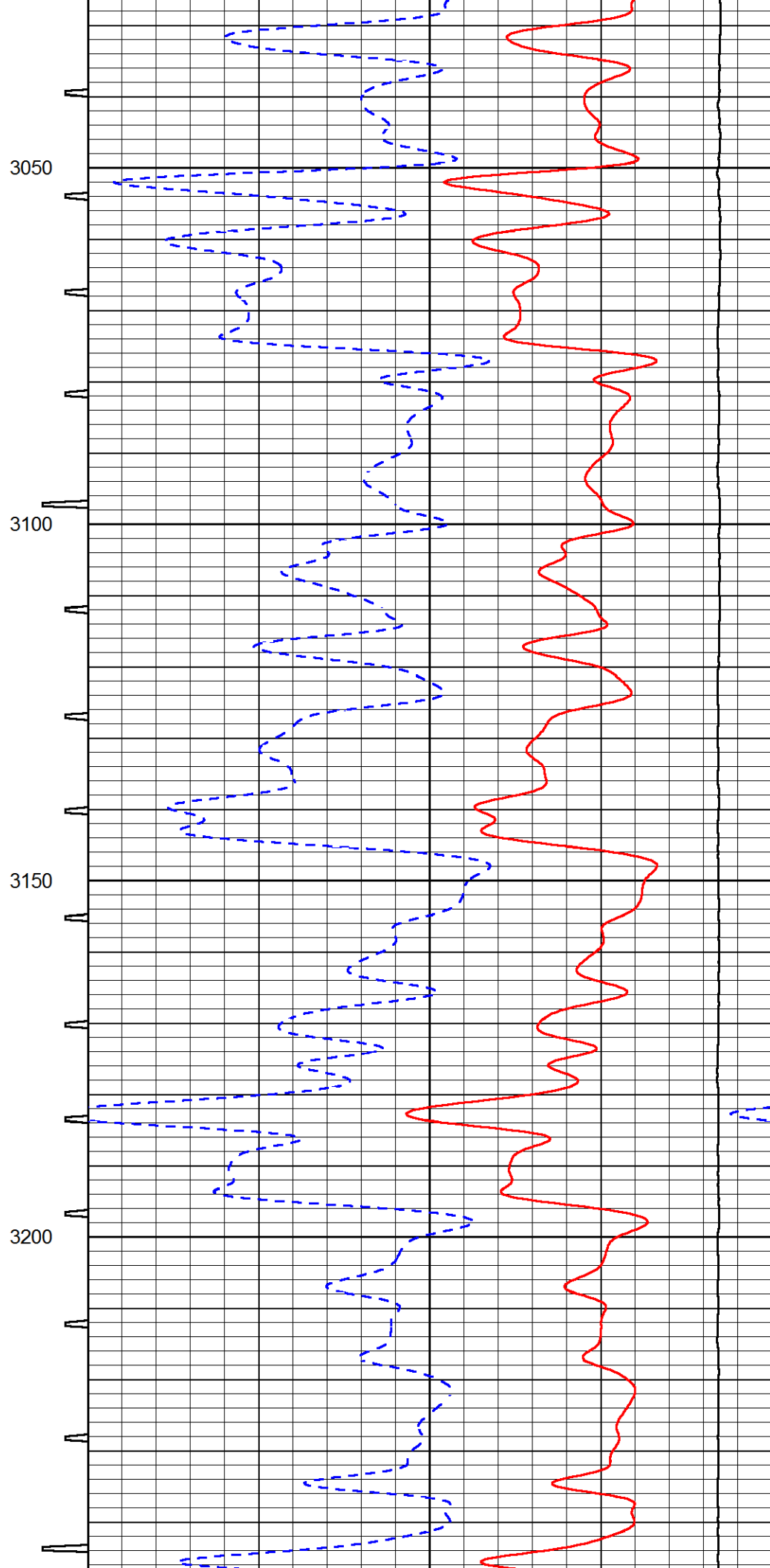
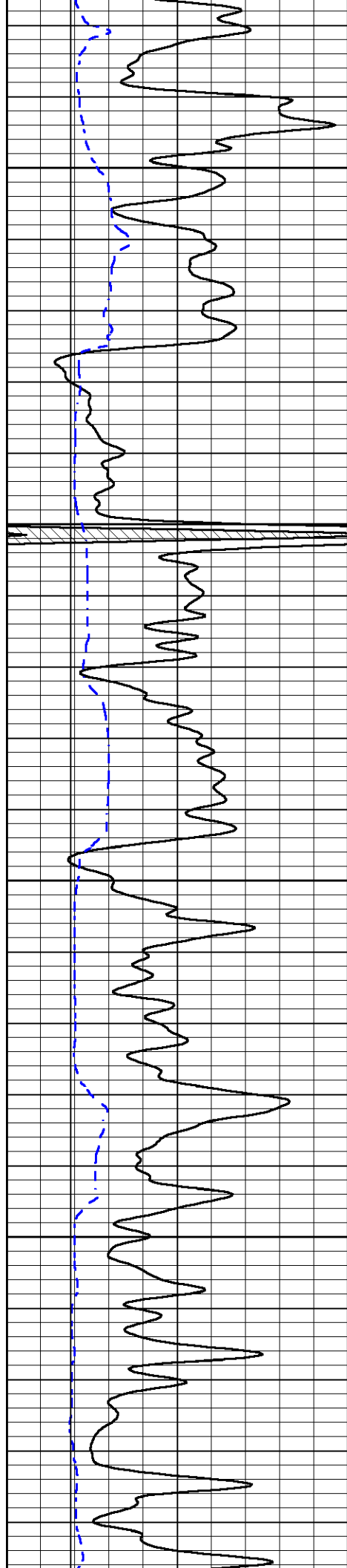


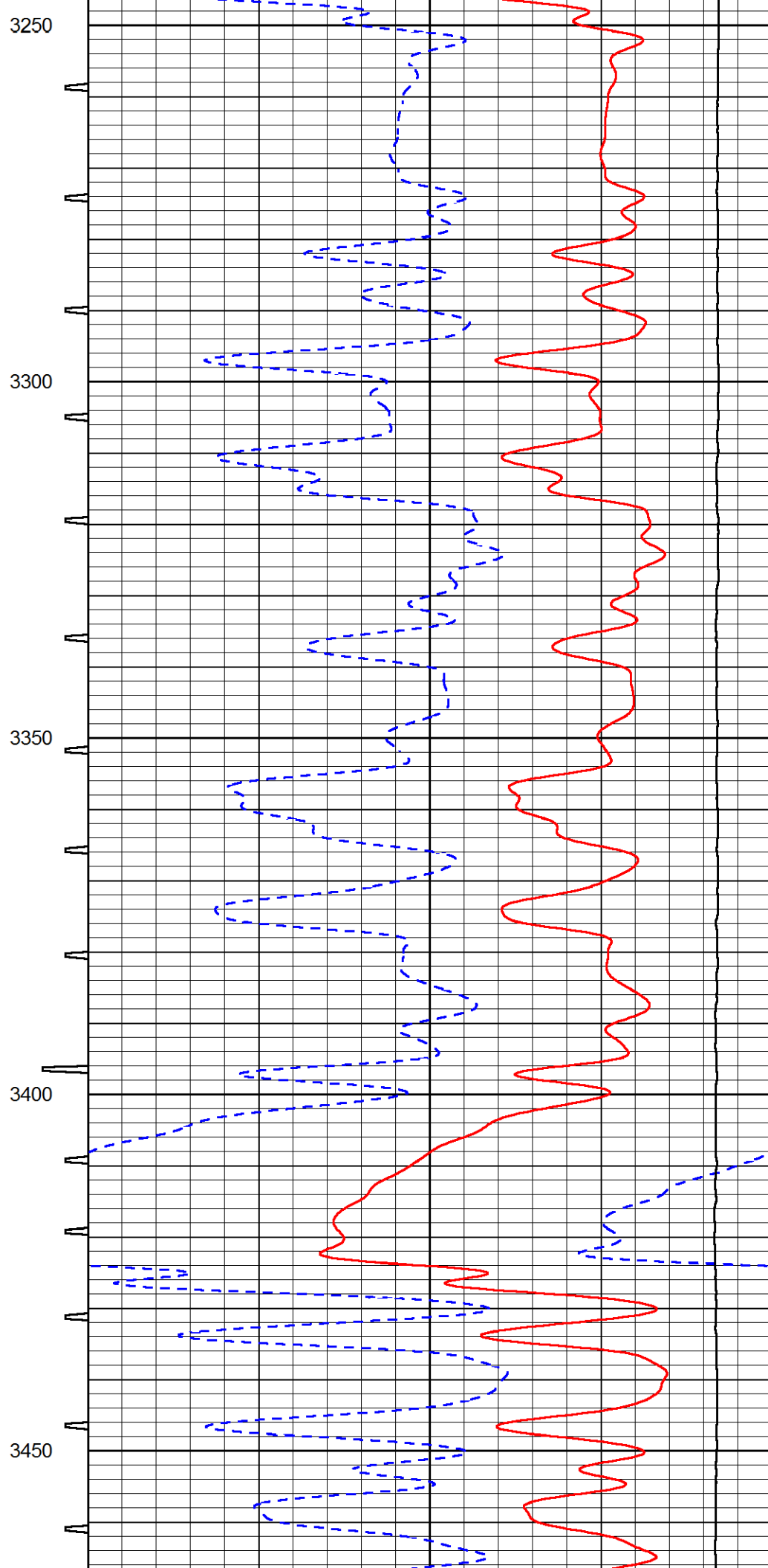
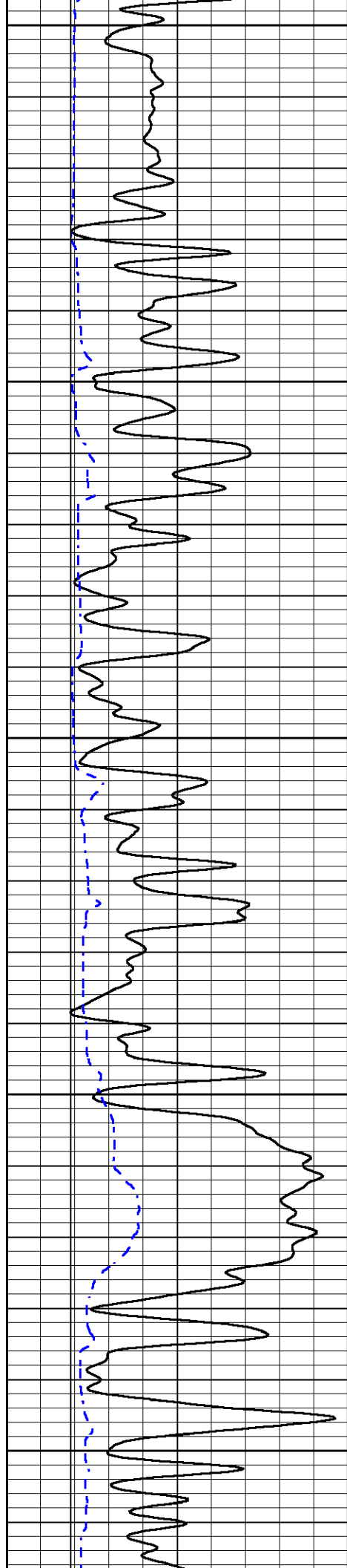


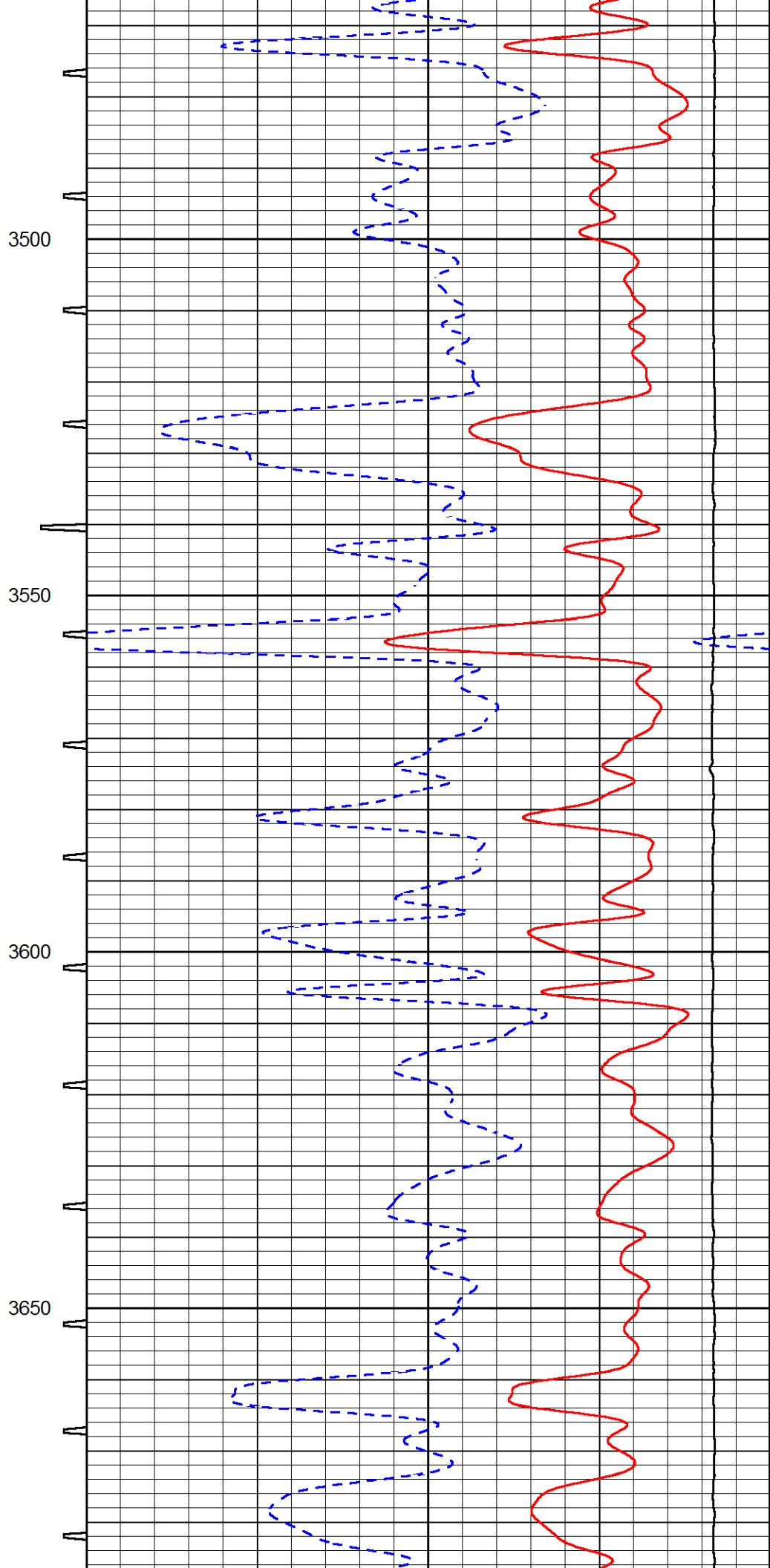
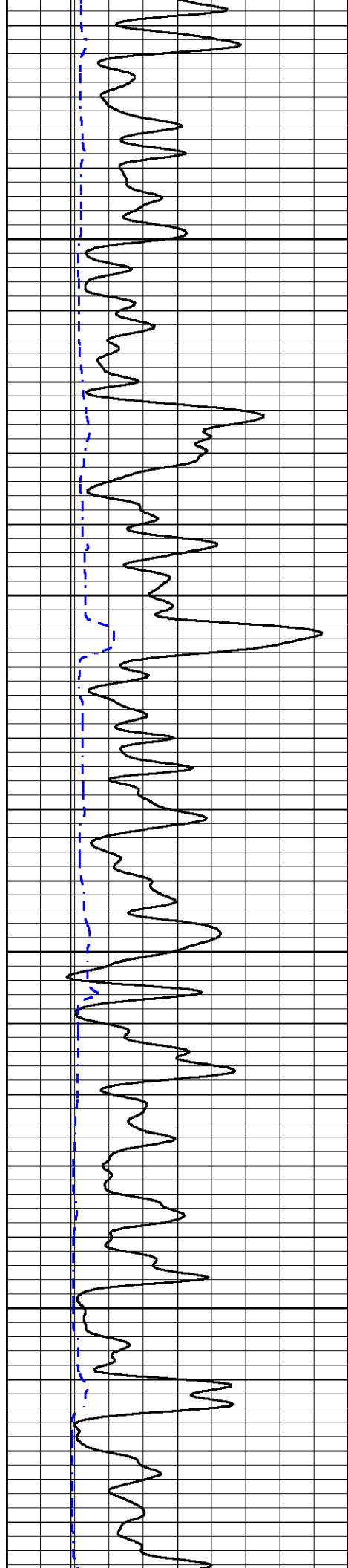


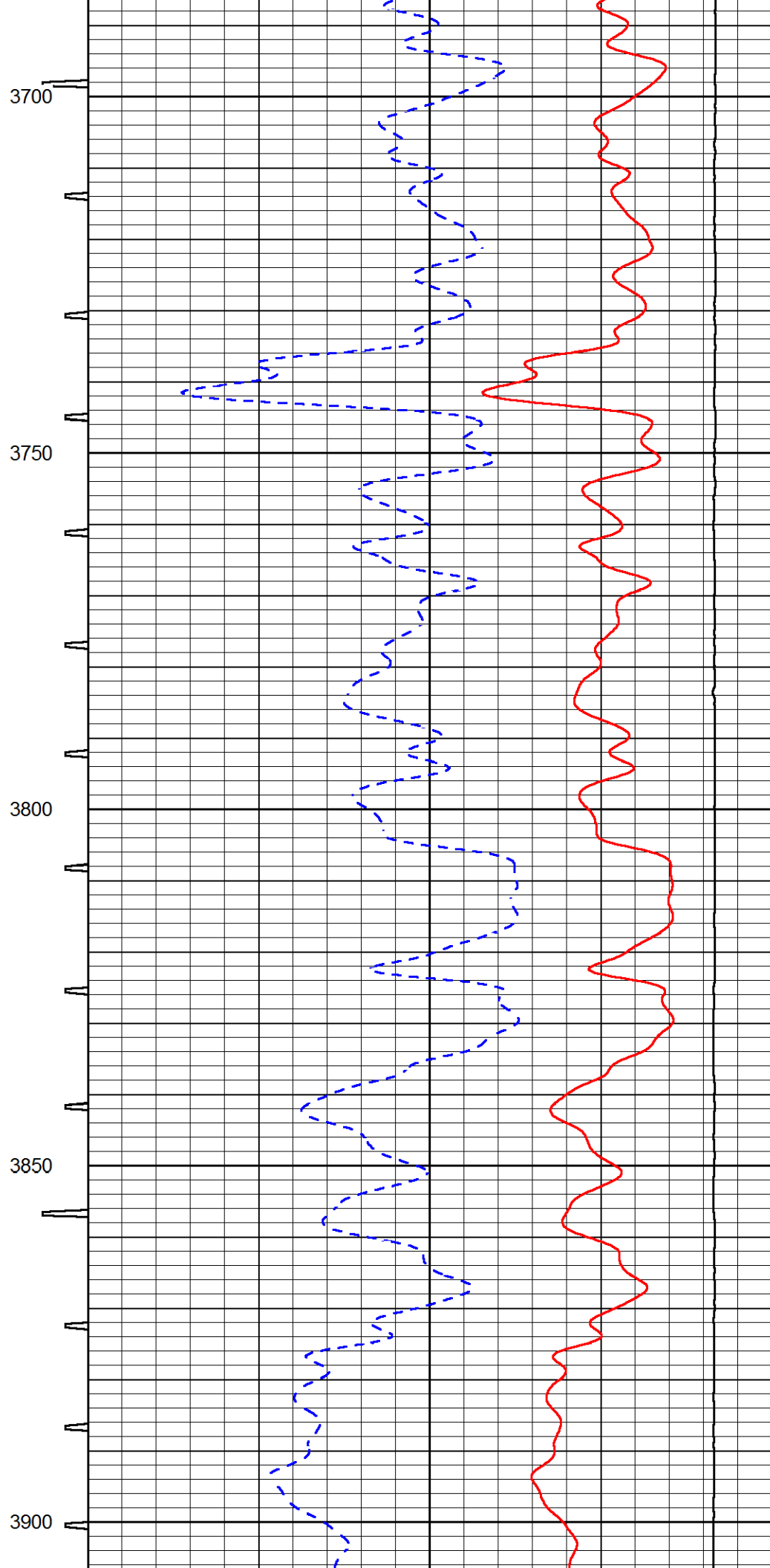
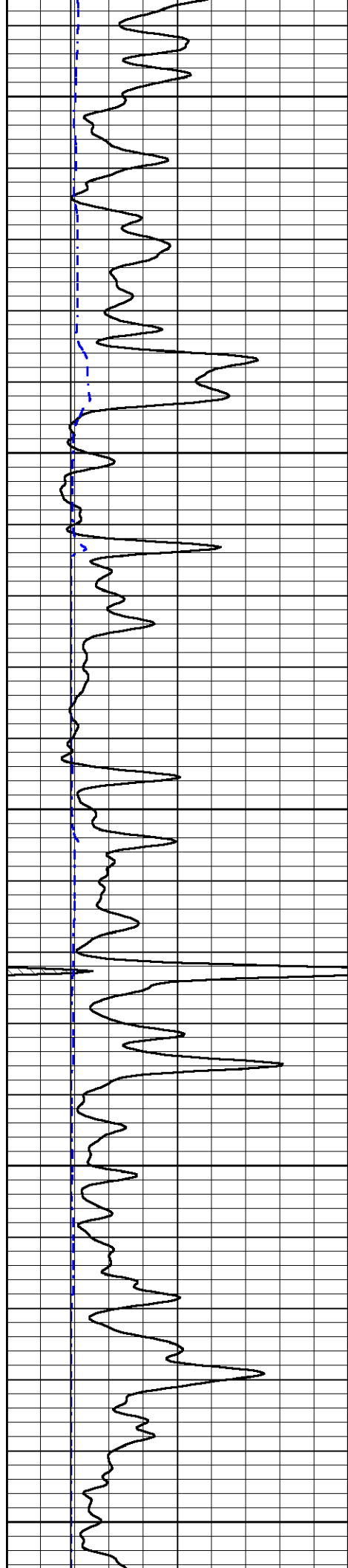


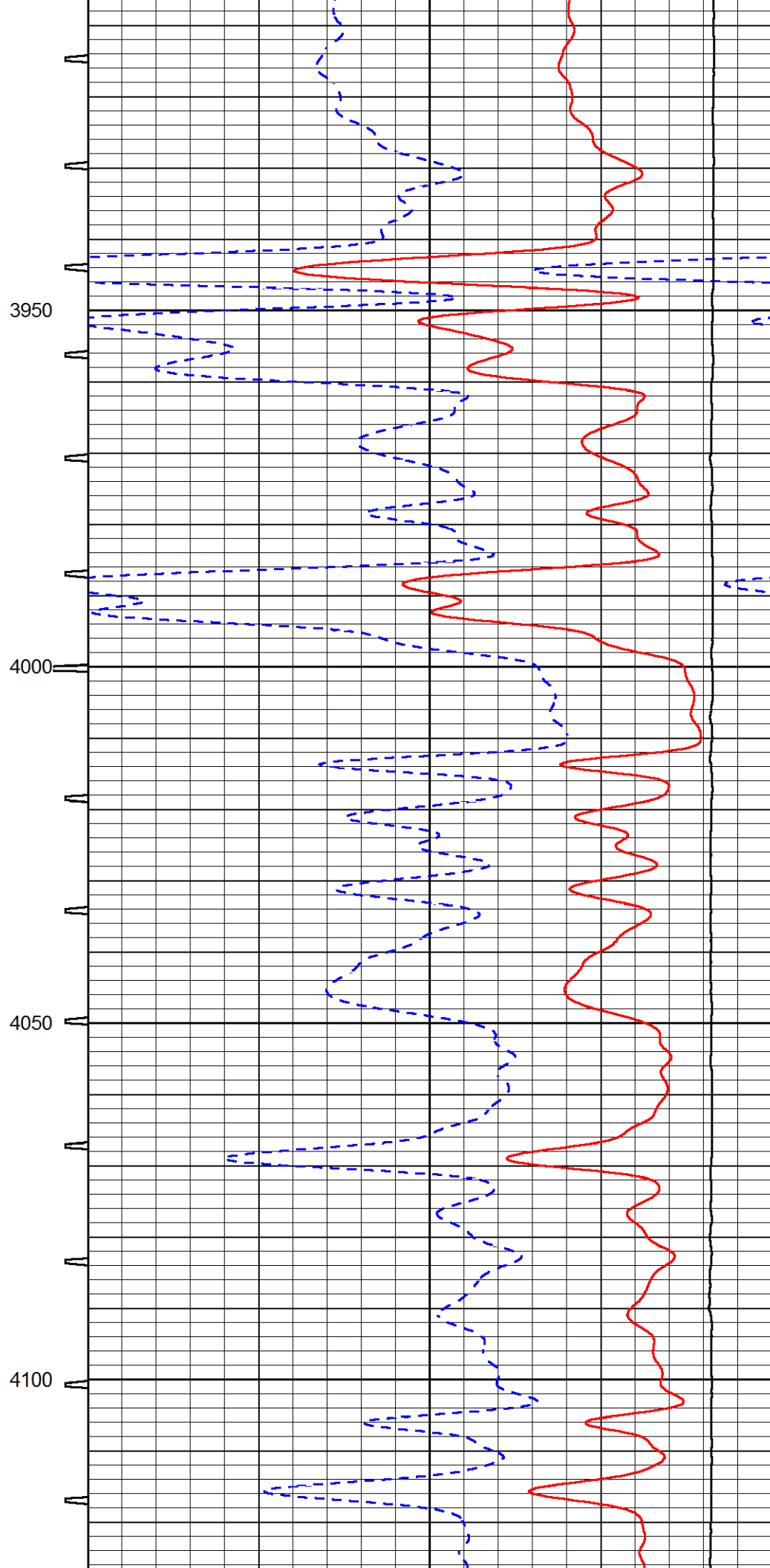
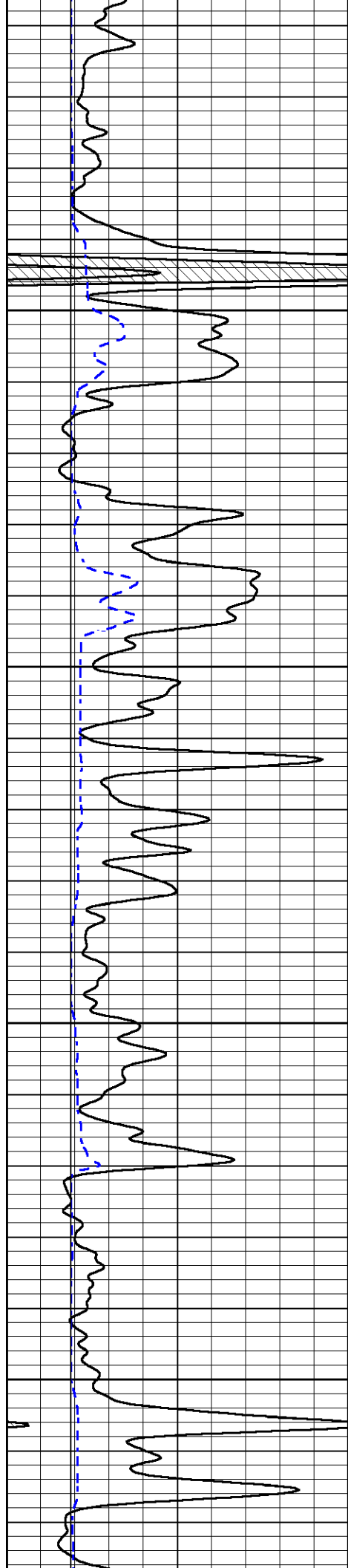


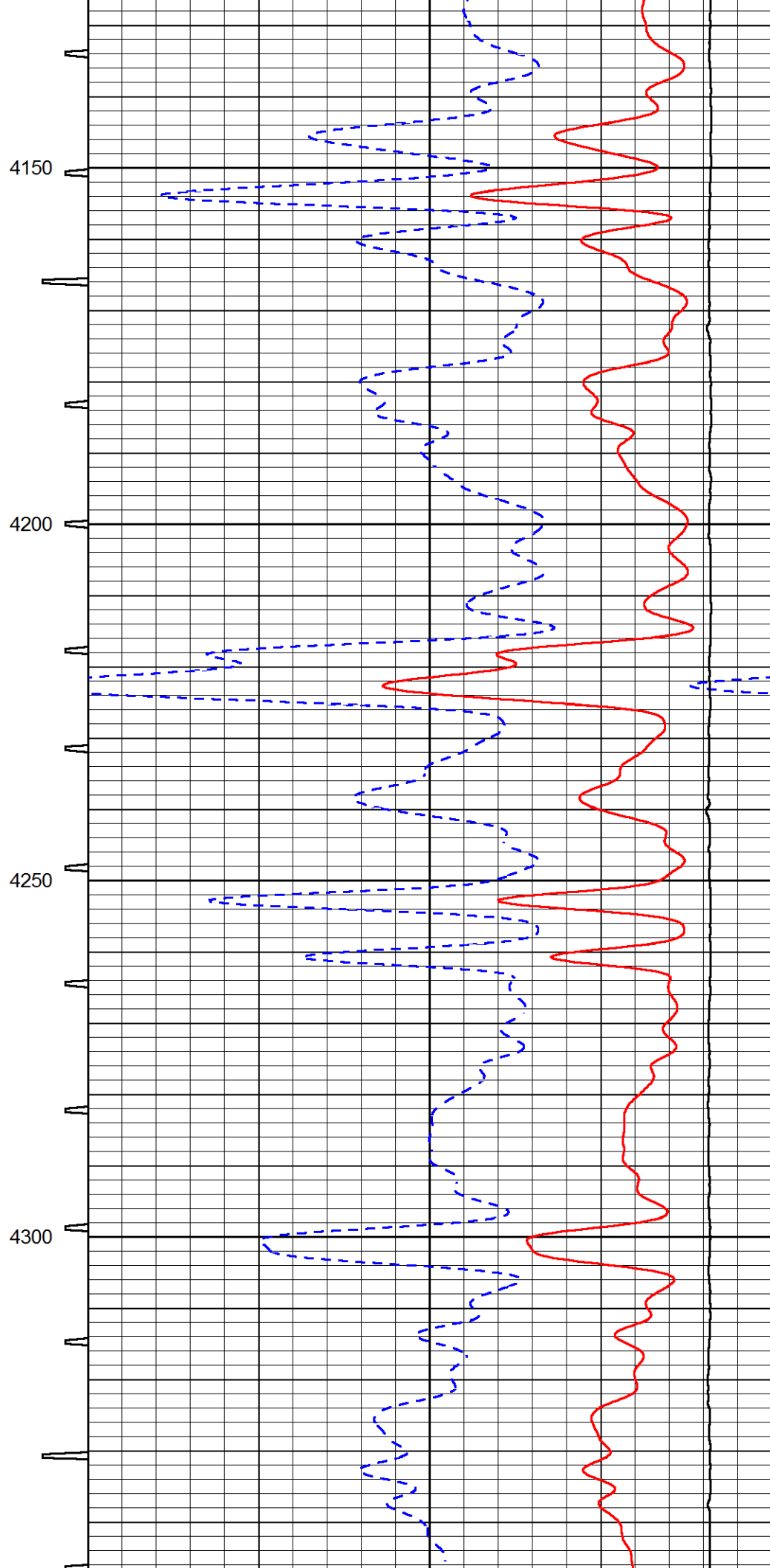
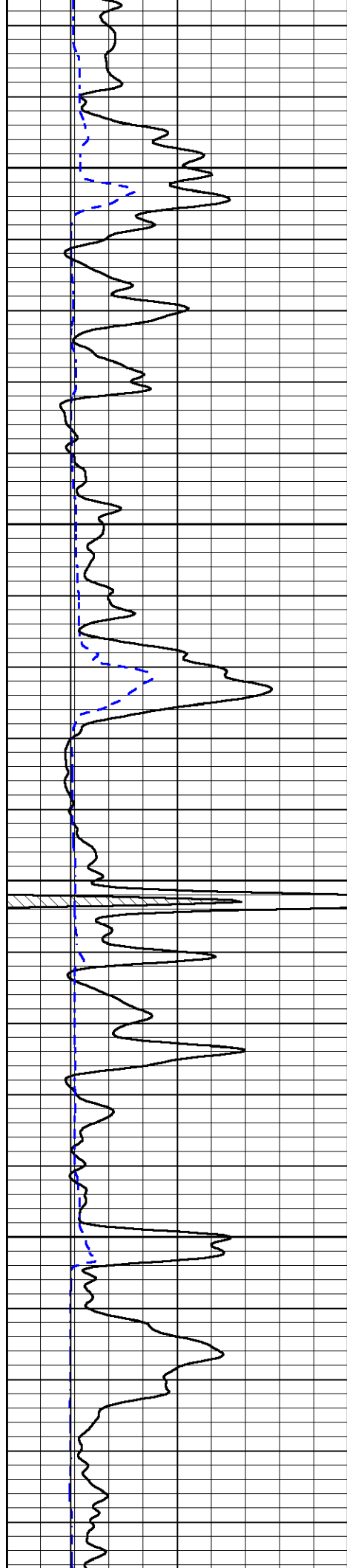


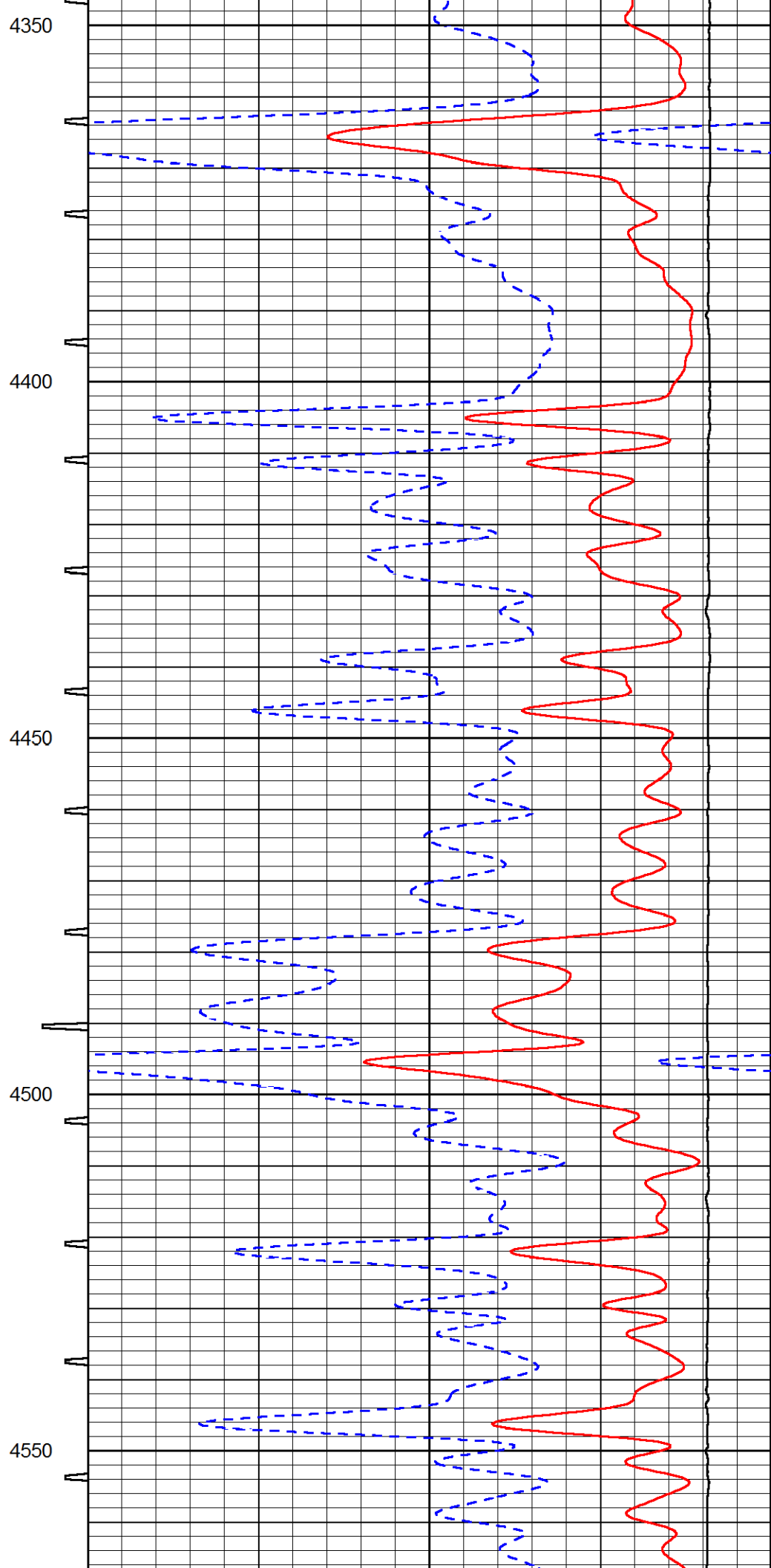
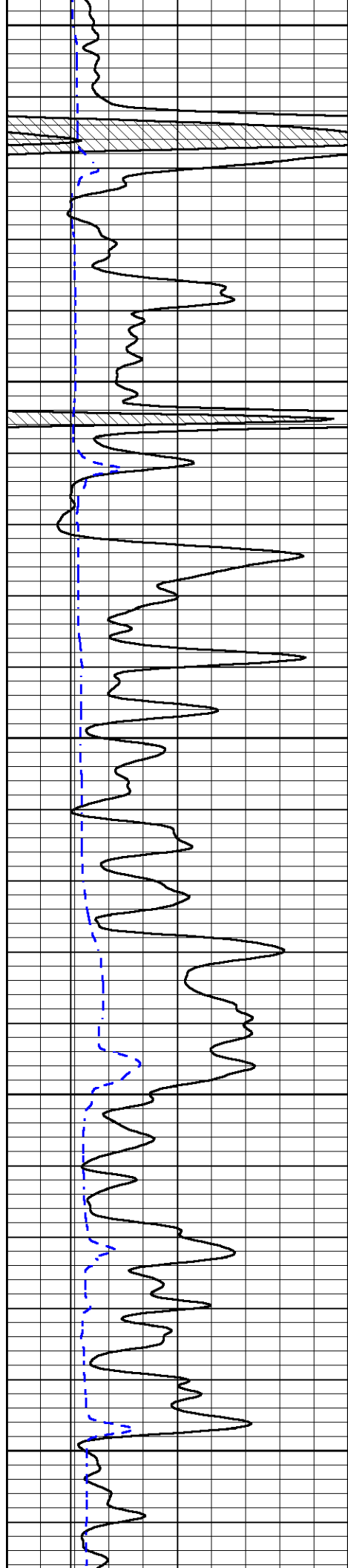


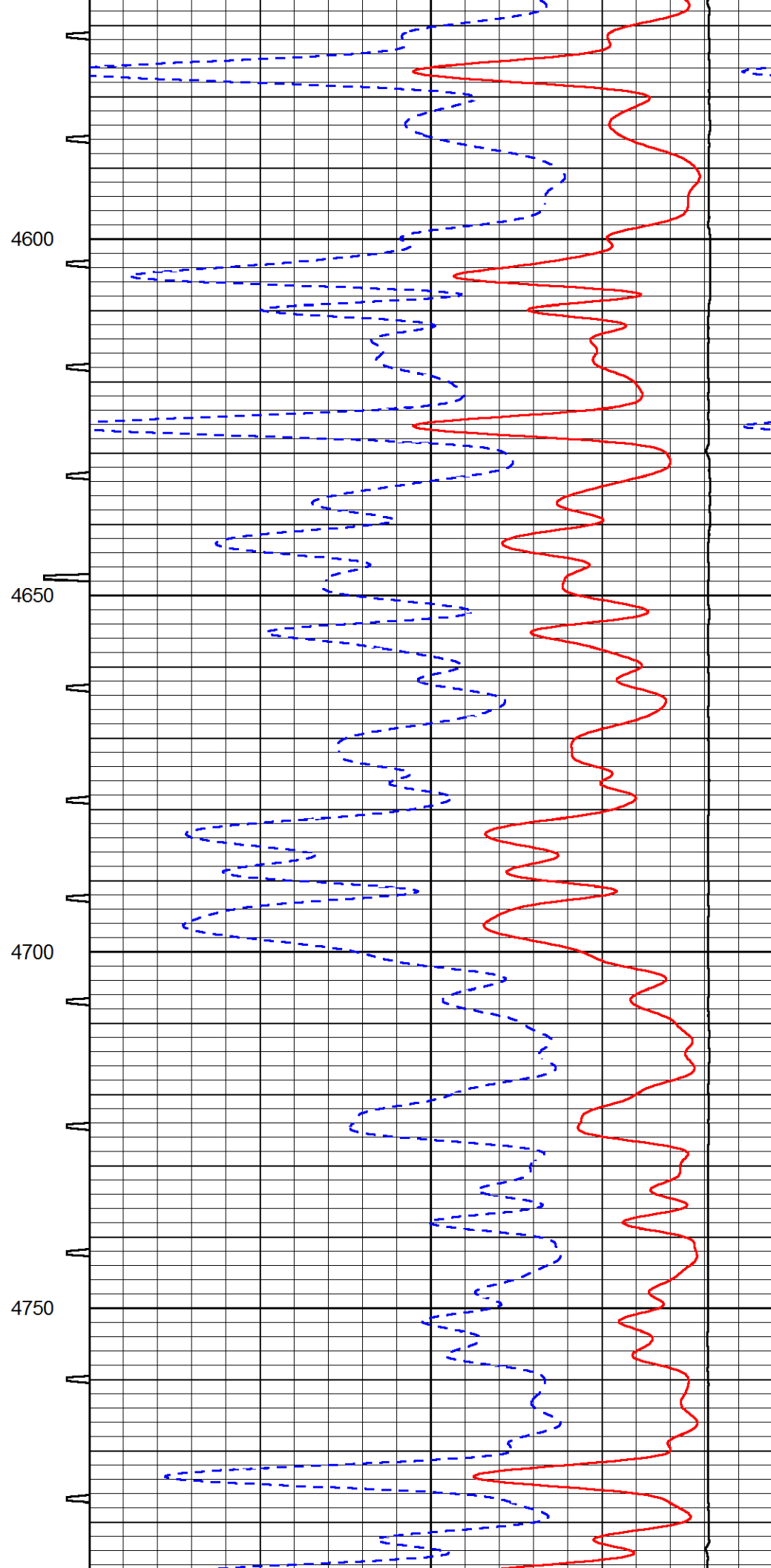
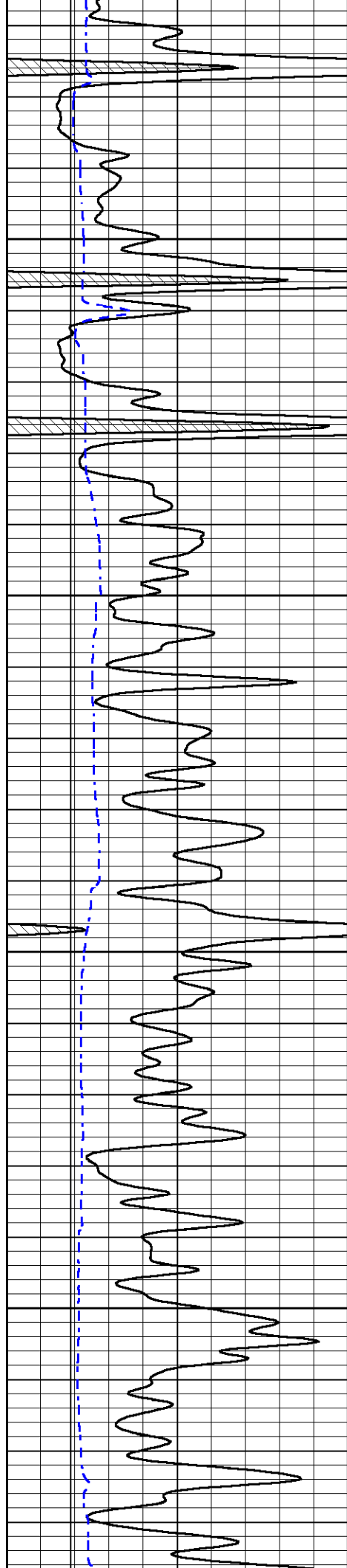


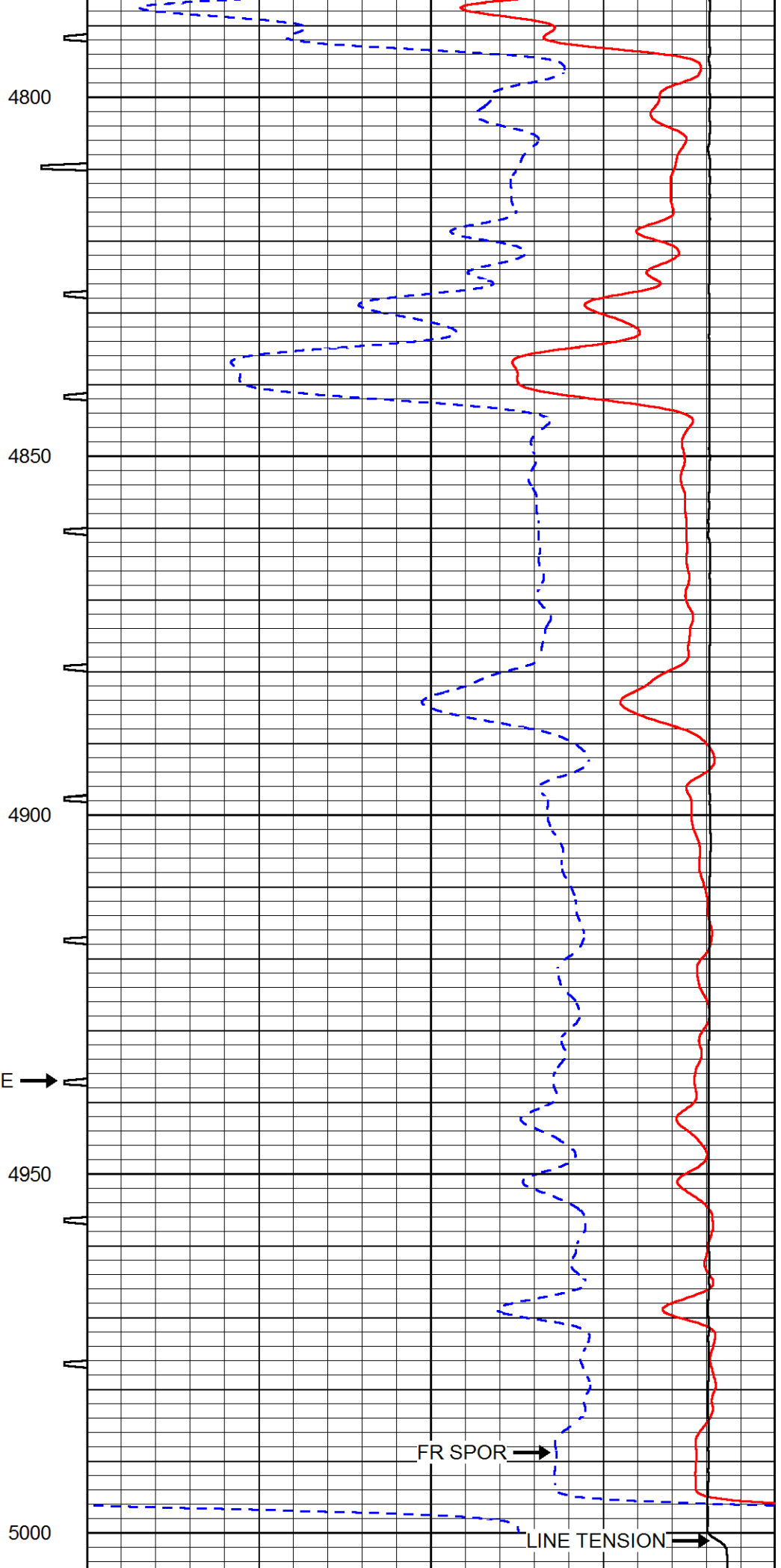
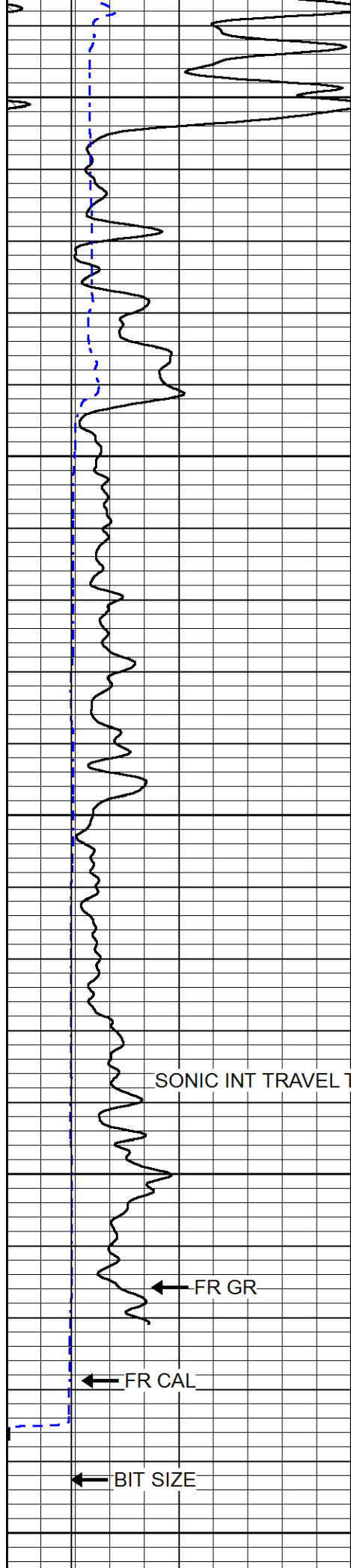












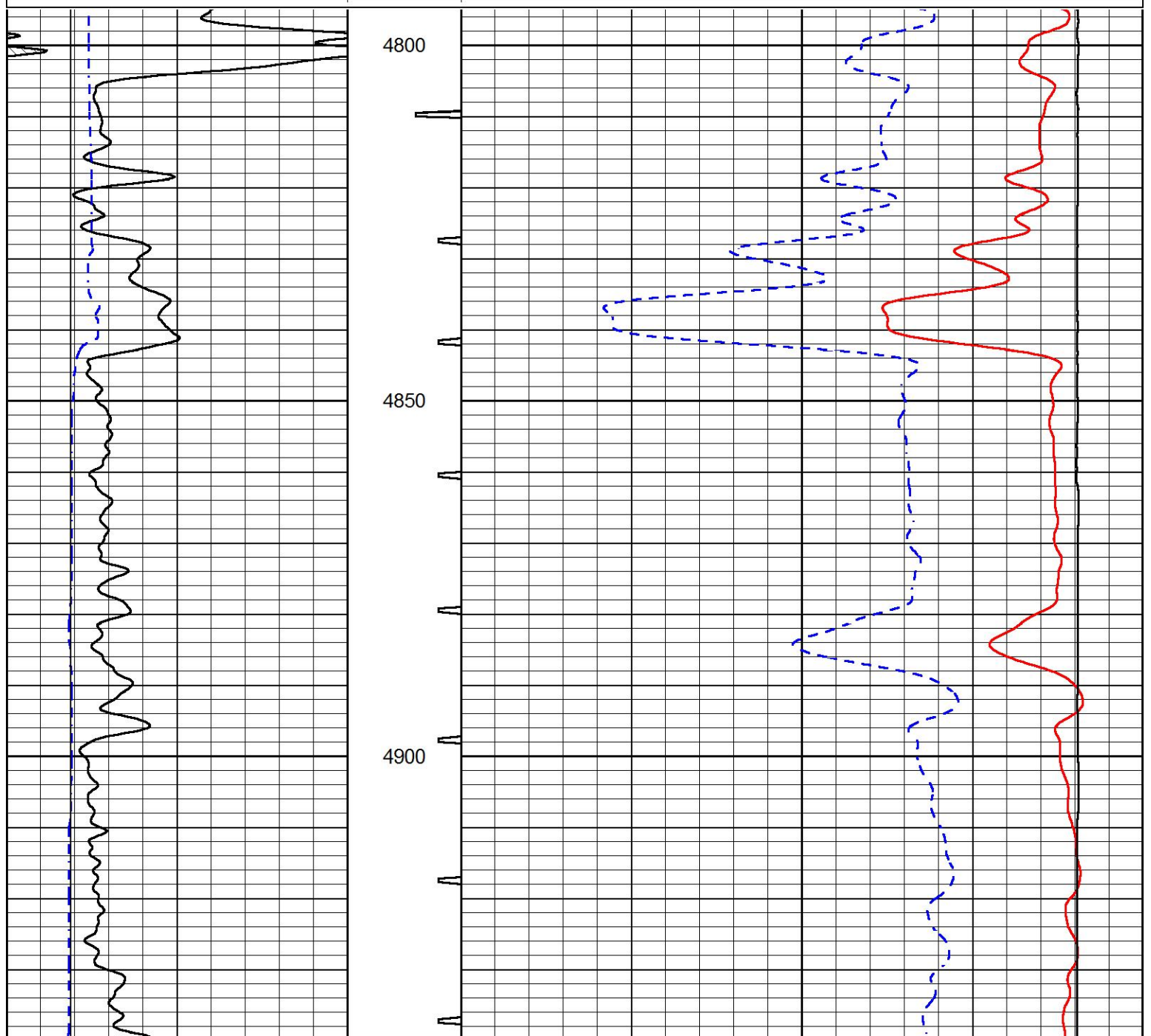
0	GAMMA RAY (GAPI)	150	SONIC INT	140	DELTA TIME (usec/ft) (usec/ft)	40
6	CALIPER (in)	16	RAVEL TIM	30	SONIC POROSITY (pu)	-10
6	BIT SIZE	16	(msec)	15000	LINE TENSION (lb)	0

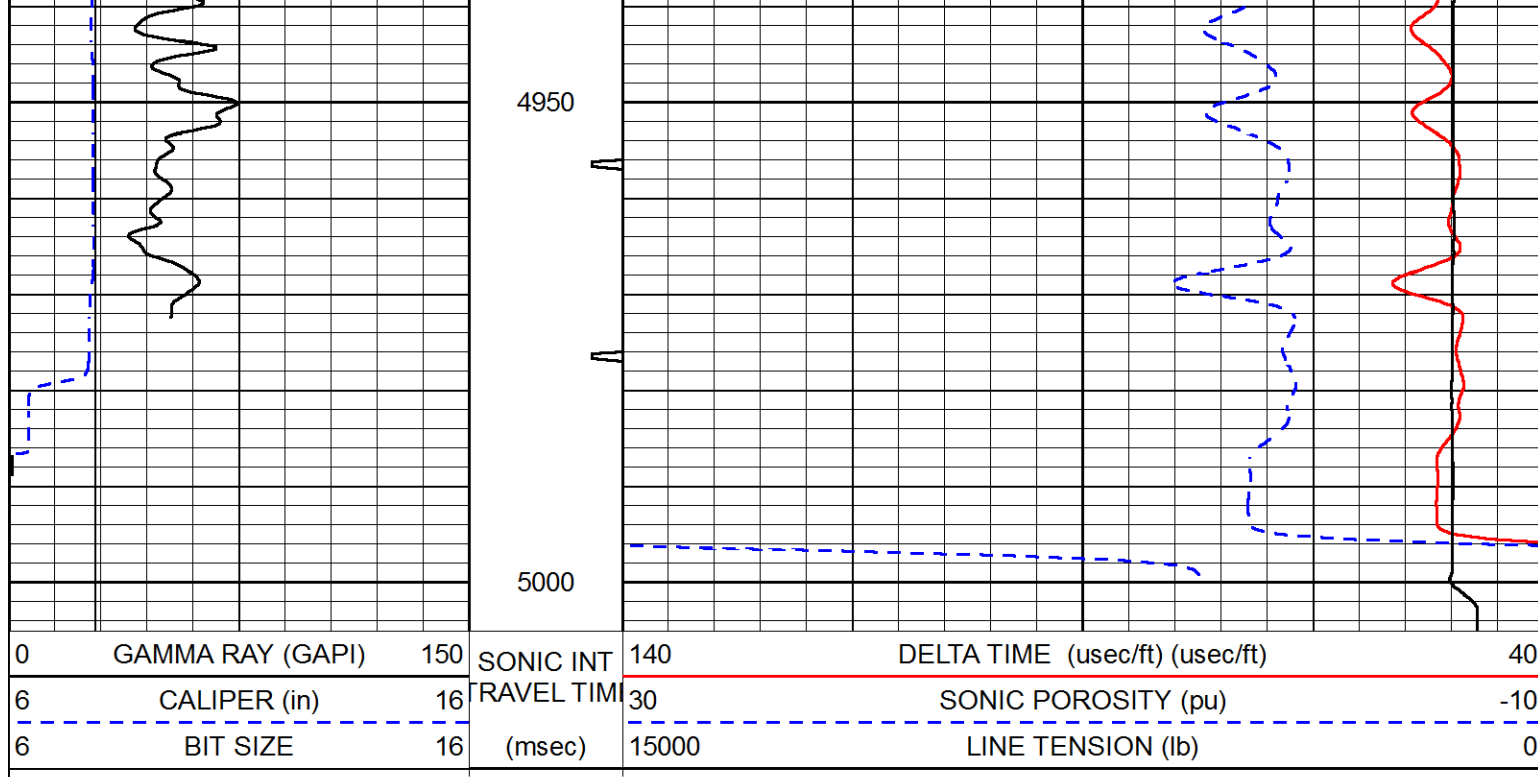


REPEAT SECTION

Database File amwarrior_hicks_a_1-24.db
Dataset Pathname stack/pass2.1
Presentation Format sonic
Dataset Creation Sun Jan 08 01:56:56 2017
Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	SONIC INT	140	DELTA TIME (usec/ft) (usec/ft)	40
6	CALIPER (in)	16	RAVEL TIM	30	SONIC POROSITY (pu)	-10
6	BIT SIZE	16	(msec)	15000	LINE TENSION (lb)	0





Calibration Report

Database File: amwarrior_hicks_a_1-24.db
 Dataset Pathname: stack/pass3.1
 Dataset Creation: Sun Jan 08 02:50:28 2017

Dual Induction Calibration Report

Serial-Model: 1987-M&W
 Calibration Performed: Fri Dec 23 14:41:51 2016

Readings			References			Results	
Loop:	Air	Loop	Air	Loop		Gain	Offset
Deep	178.615	710.235	0.000	255.800	mmho/m	0.490	-32.000
Medium	161.982	1441.110	0.000	255.800	mmho/m	0.400	-101.000

Compensated Density Calibration Report

Serial-Model: 71-914-M&W
 Source / Verifier: /
 Master Calibration Performed: Fri Dec 23 14:42:24 2016

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.755	g/cc	4314.49	5307.52	cps
Aluminum	2.680	g/cc	822.19	3456.36	cps
Spine Angle = 75.49			Density/Spine Ratio = 0.540		
	Size		Reading		
Small Ring	4.00	in	1.16		
Large Ring	14.00	in	1.57		

Compensated Neutron Calibration Report

Serial Number: tk10-MW
 Tool Model: M&W
 Calibration Performed: Wed Nov 16 11:21:36 2016

Detector	Readings	Target	Normalization
Short Space	6240.00 cps	1000.00 cps	1.6025
Long Space	460.00 cps	1000.00 cps	1.9500

Gamma Ray Calibration Report

Serial Number: 89-M&W
 Tool Model: M&W
 Calibration Performed: Fri Dec 23 14:43:38 2016

Calibrator Value: 1000.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 6.2 cps

Sensitivity: 0.5600 GAPI/cps



Company AMERICAN WARRIOR, INC.
 Well HICKS "A" NO. 1-24
 Field WILDCAT
 County FINNEY
 State KANSAS