



BOREHOLE COMPENSATED SONIC LOG

Company Taos Resources Operating Company LLC

Well LFJ #3

Field Maddix North

County Cowley

State Kansas

Location:

API # : 15 035 24665

2290' FSL & 2300' FWL

SEC 34 TWP 32S RGE 5E

Permanent Datum Ground Level Elevation 1291'
Log Measured From KB 5' AGL
Drilling Measured From KB

Other Services
DIL
CDNL
ML
Elevation
K.B. 1296'
D.F. 1294'
G.L. 1291'

Date 2-13-17

Run Number TWO

Depth Driller 3560'

Depth Logger 3556'

Bottom Logged Interval 3546'

Top Log Interval 350'

Casing Driller 8 5/8" @ 276'

Casing Logger 276'

Bit Size 7 7/8"

Type Fluid in Hole Chemical

Density / Viscosity 8.6/42

pH / Fluid Loss 10/11.2

Source of Sample Pit

Rm @ Meas. Temp 2.15@78degf

Rmf @ Meas. Temp 1.72@78degf

Rmc @ Meas. Temp 2.75@78degf

Source of Rmf / Rmc Calculated

Rm @ BHT 1.51@111degf

Time Circulation Stopped 2:00 a.m.

Time Logger on Bottom 6:30 a.m.

Maximum Recorded Temperature 111degf

Equipment Number T127

Location Hays, KS

Recorded By C. Patterson

Witnessed By Mr. Mike Pressnall

Mr. Ray Dorothy

<<< Fold Here >>>

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

East of Winfield to 151st rd., 2 south, 1/2 east, north into

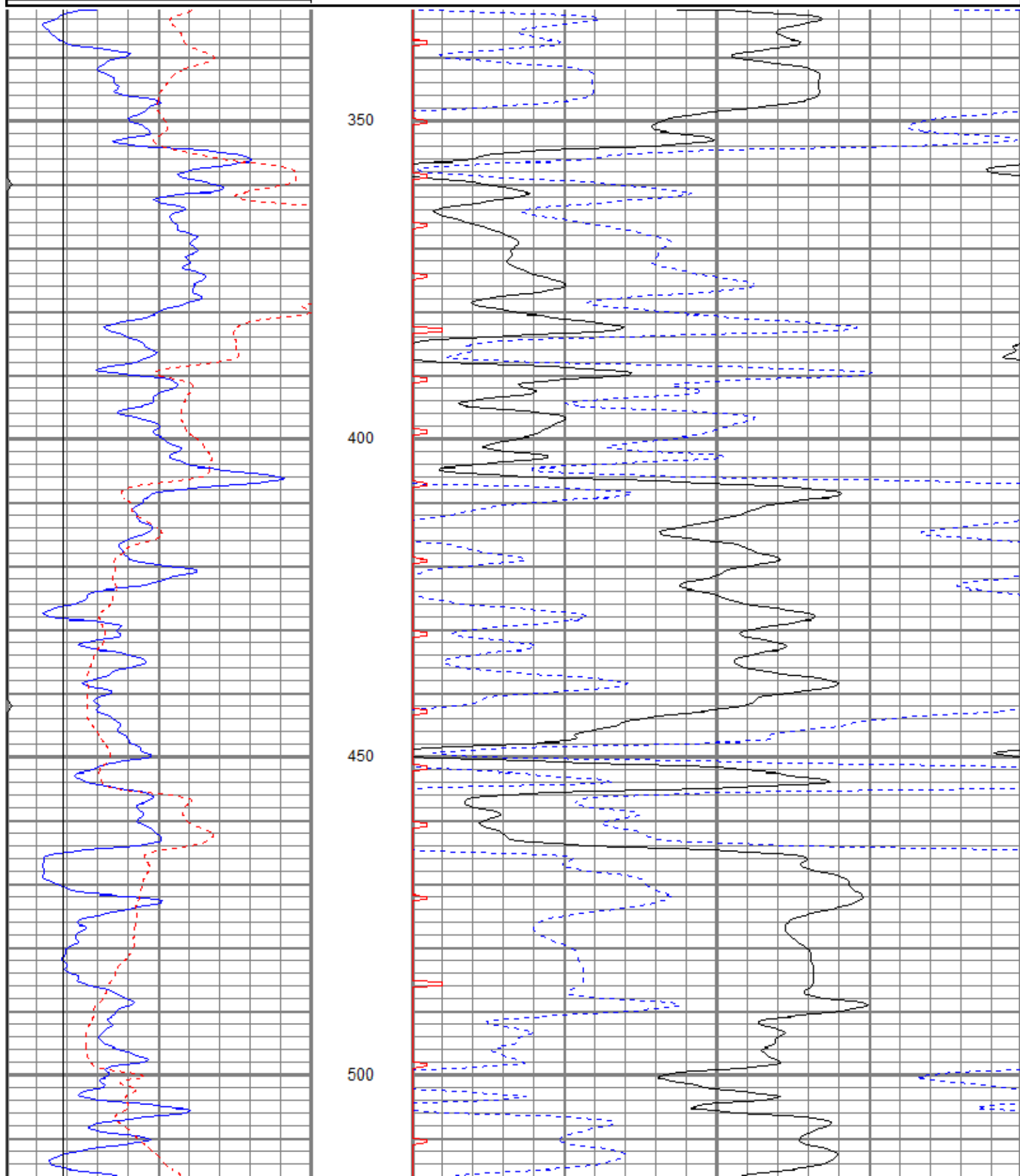


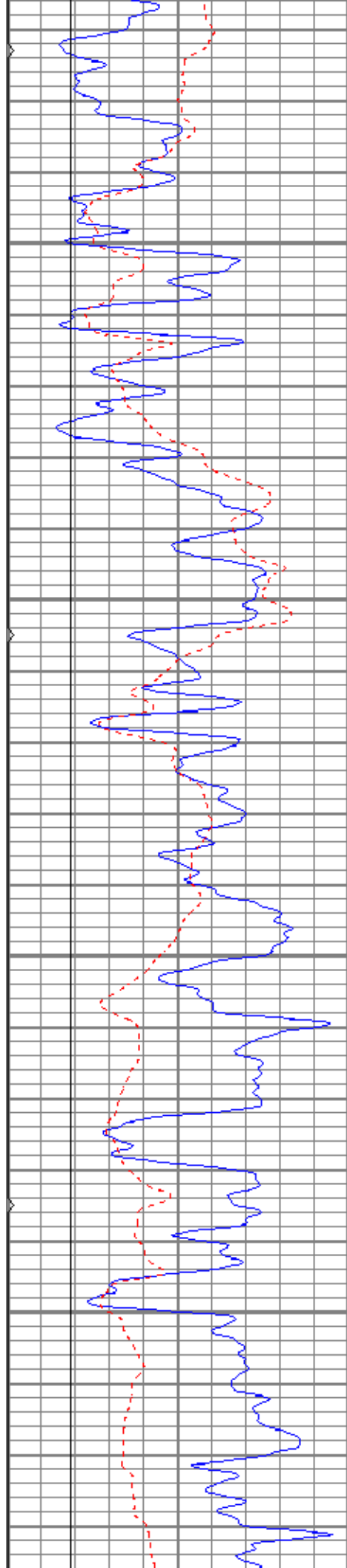
MAIN PASS

Database File troclj3oh.db
Dataset Pathname pass4
Presentation Format kbc
Dataset Creation Mon Feb 13 06:54:36 2017
Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16
0	MINMK	50

140	DT (usec/ft)	40
30	SPOR (pu)	-10
0	ITT (msec)	20



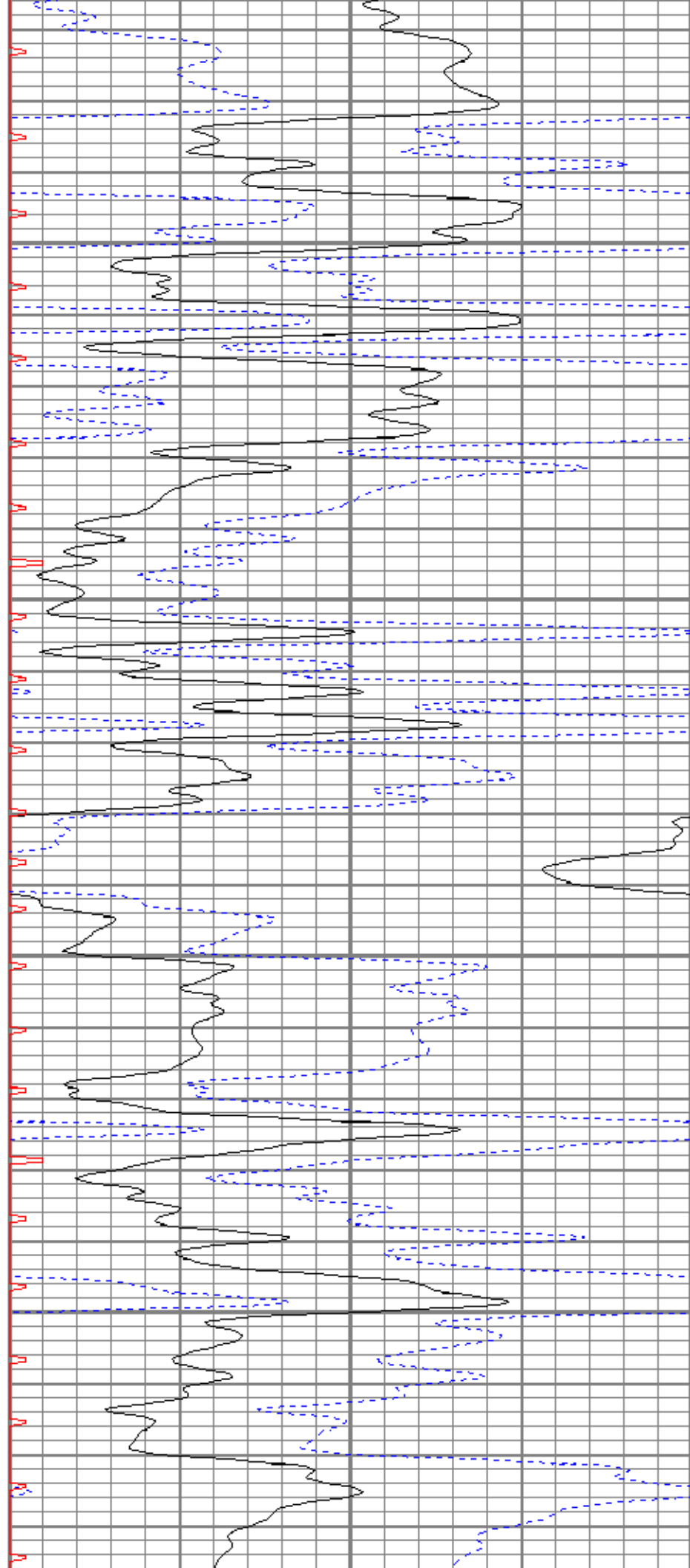


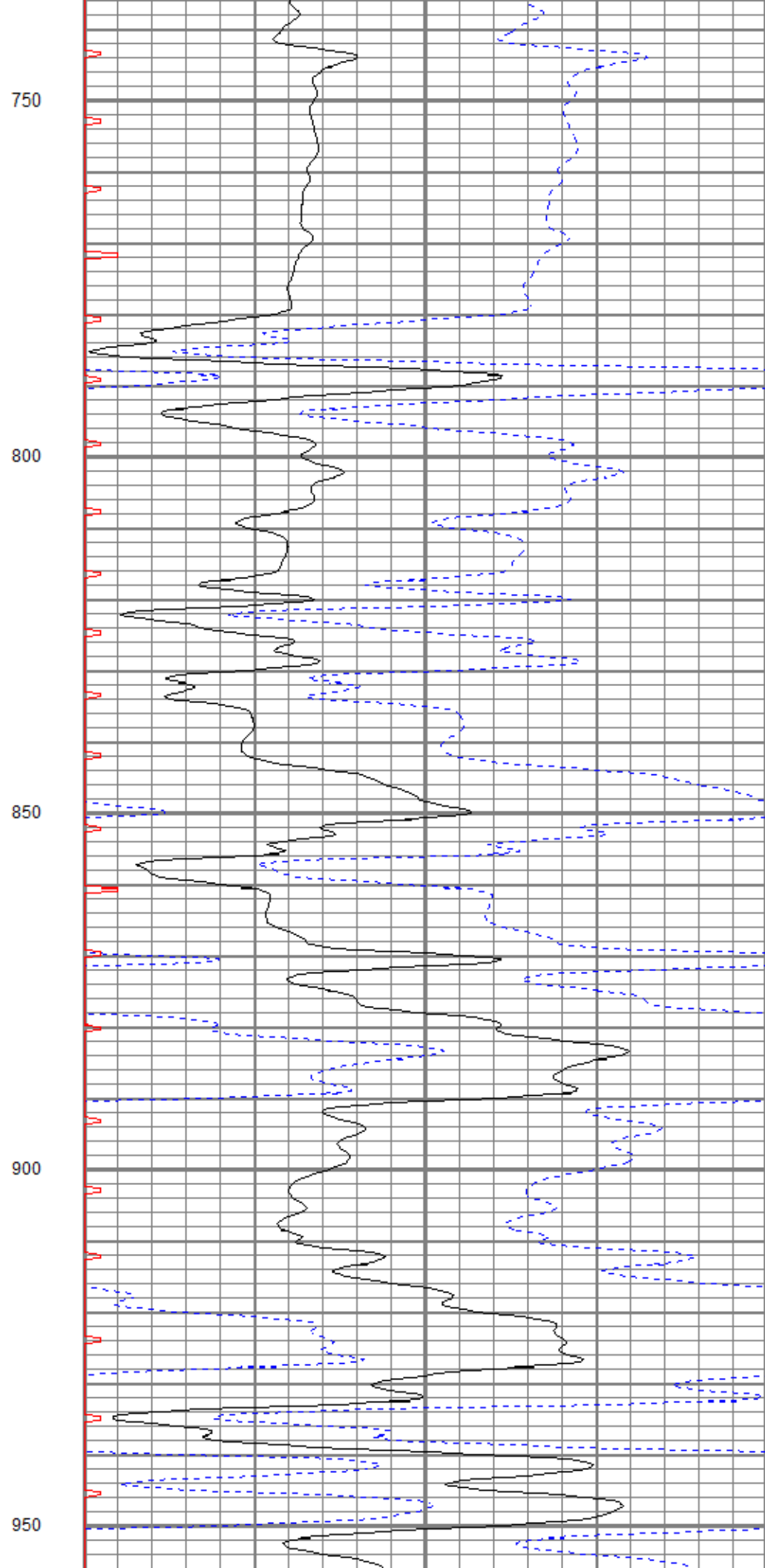
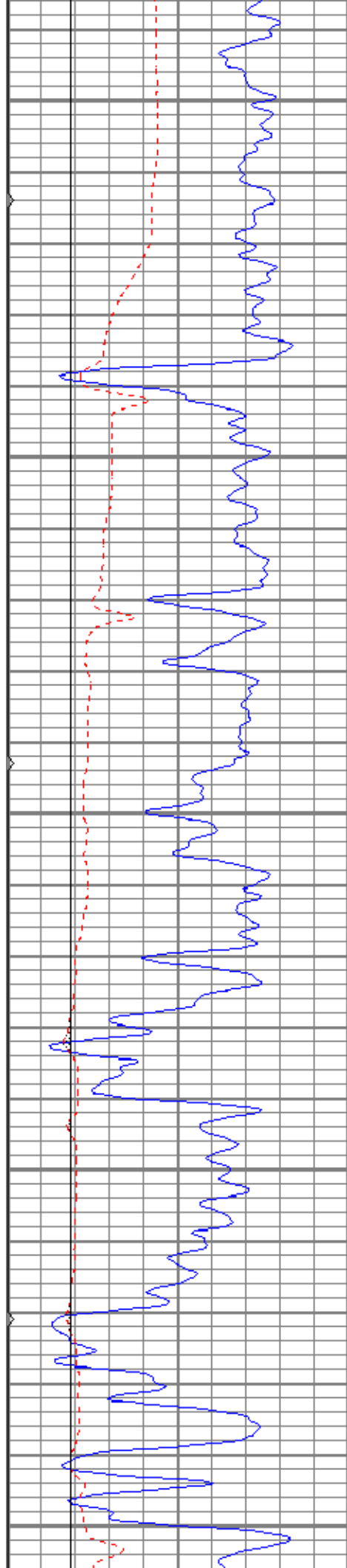
550

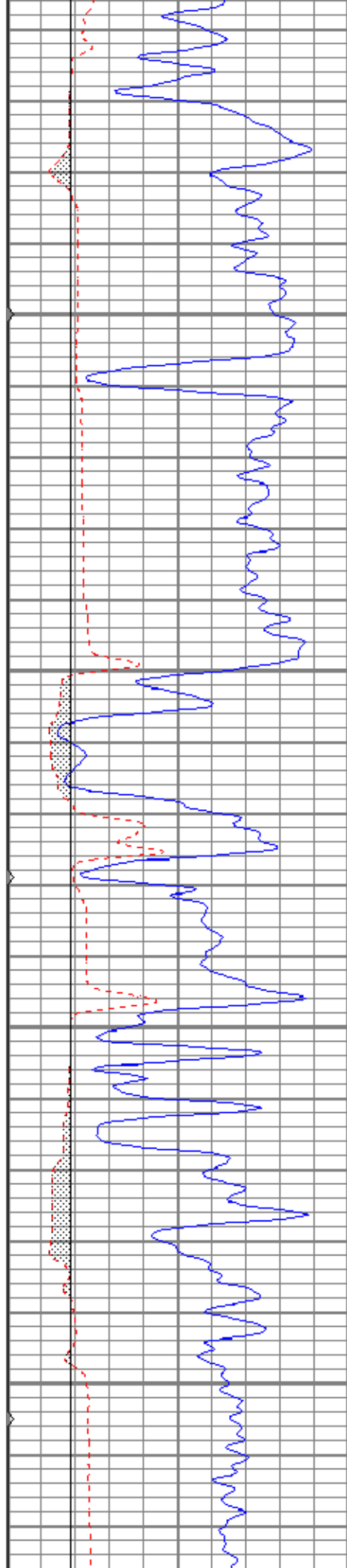
600

650

700





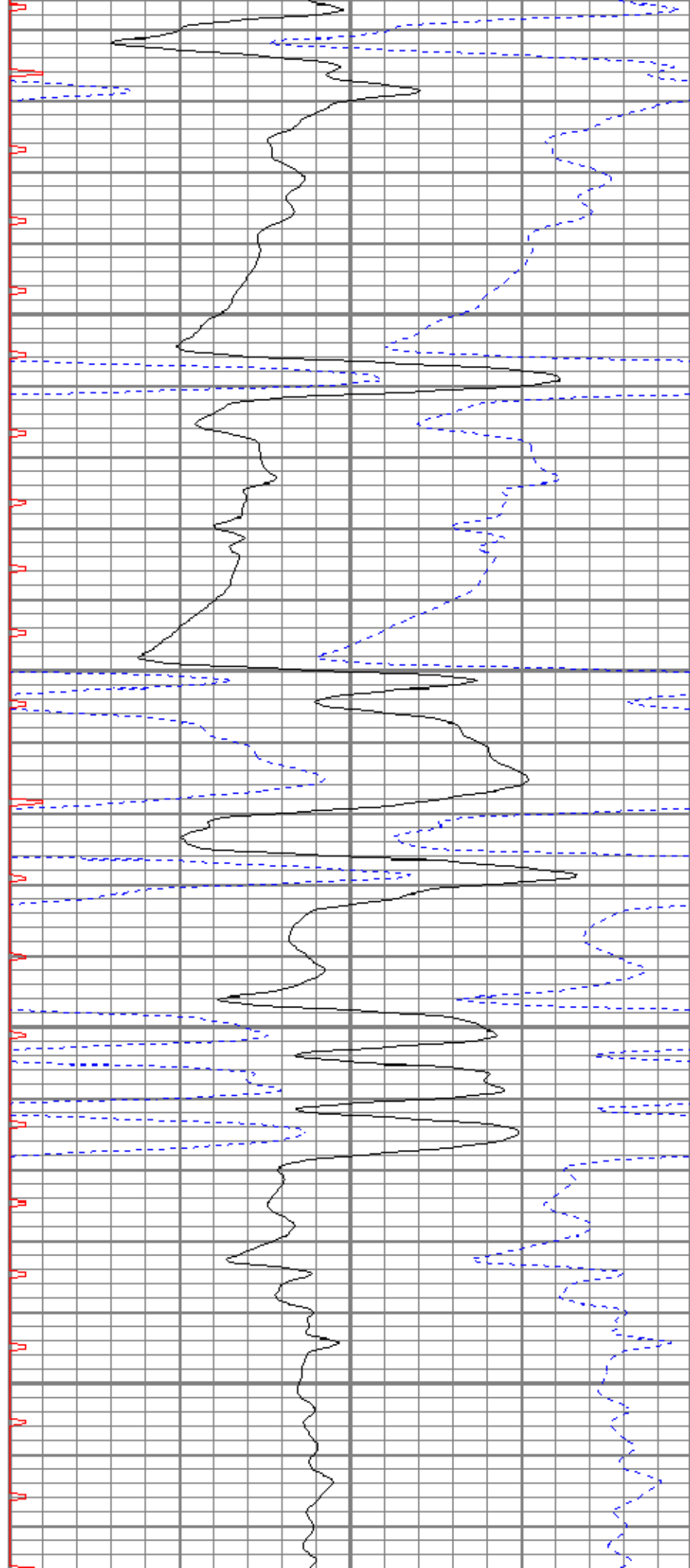


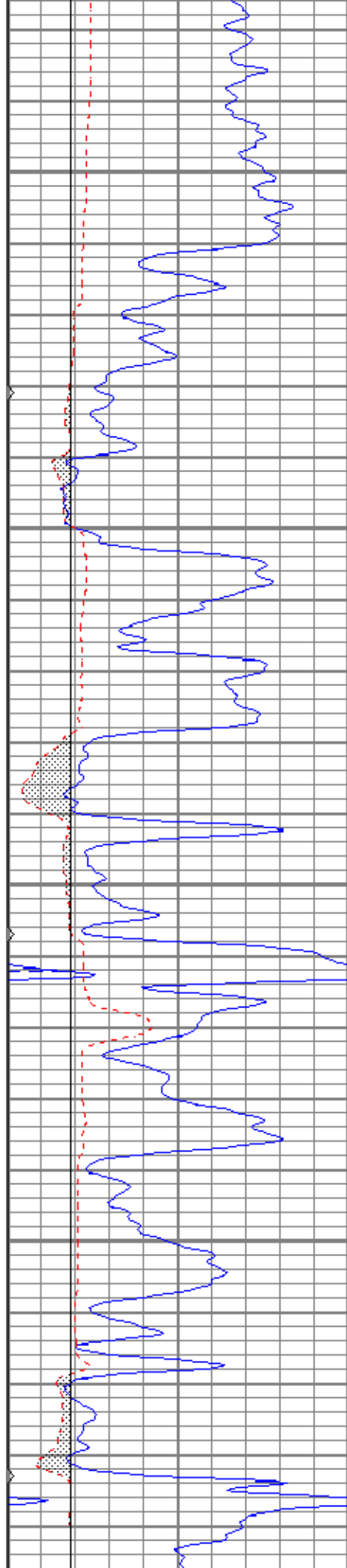
1000

1050

1100

1150



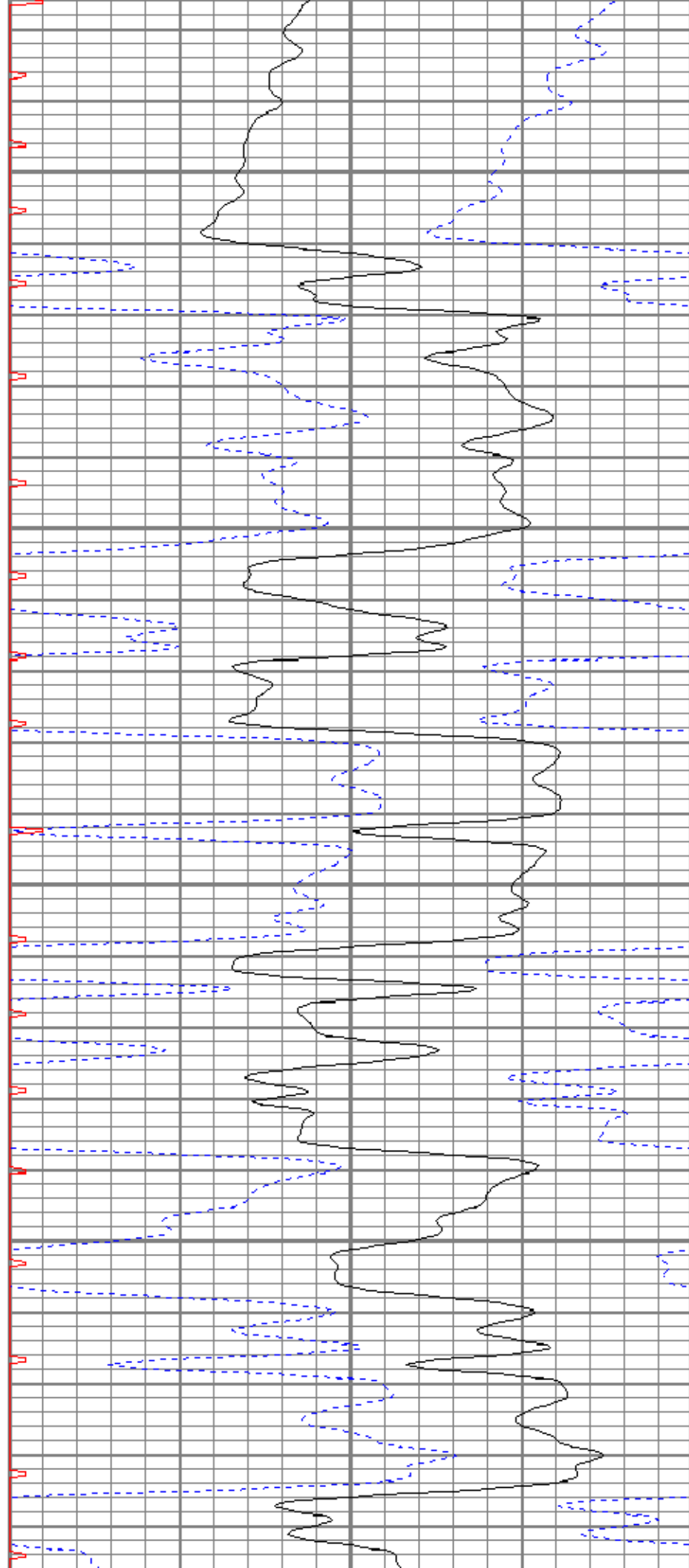


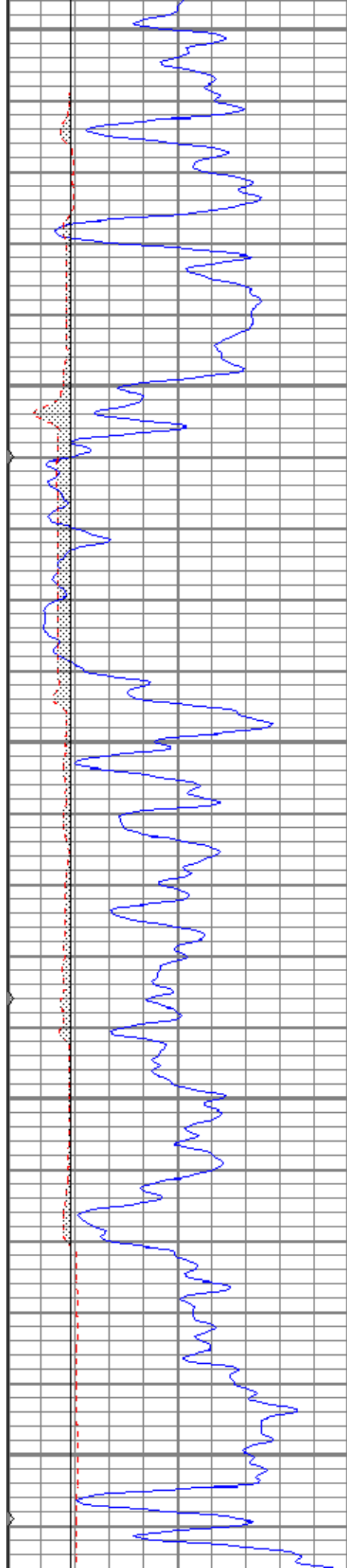
1200

1250

1300

1350





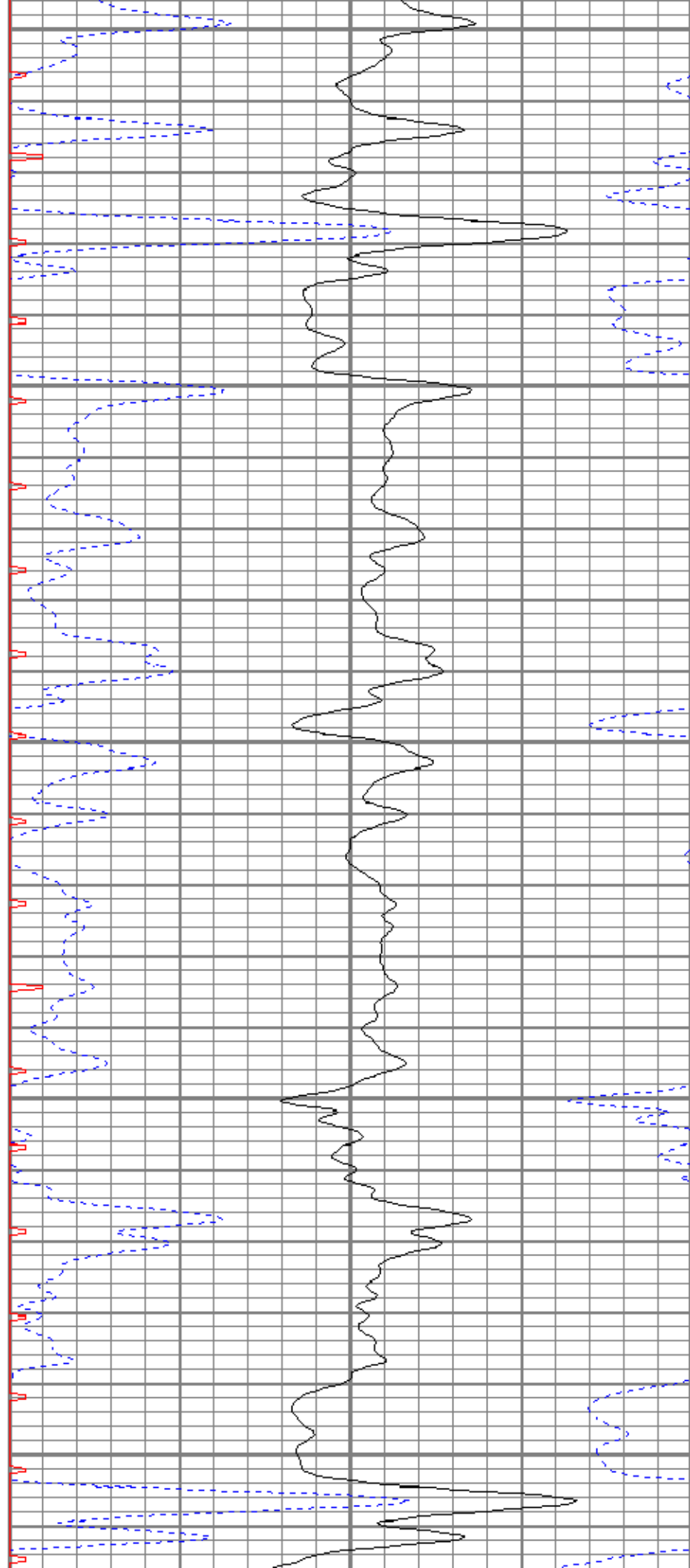
1400

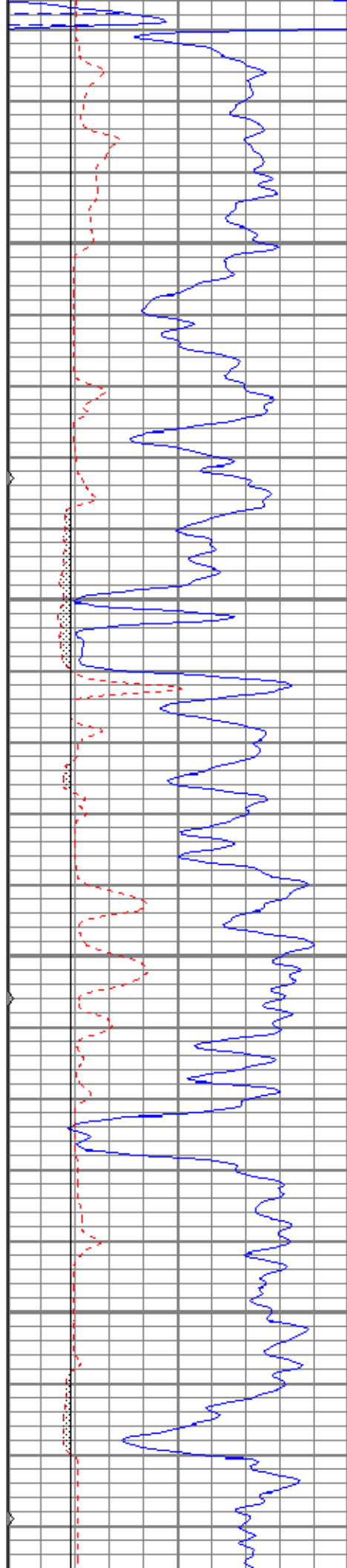
1450

1500

1550

1600



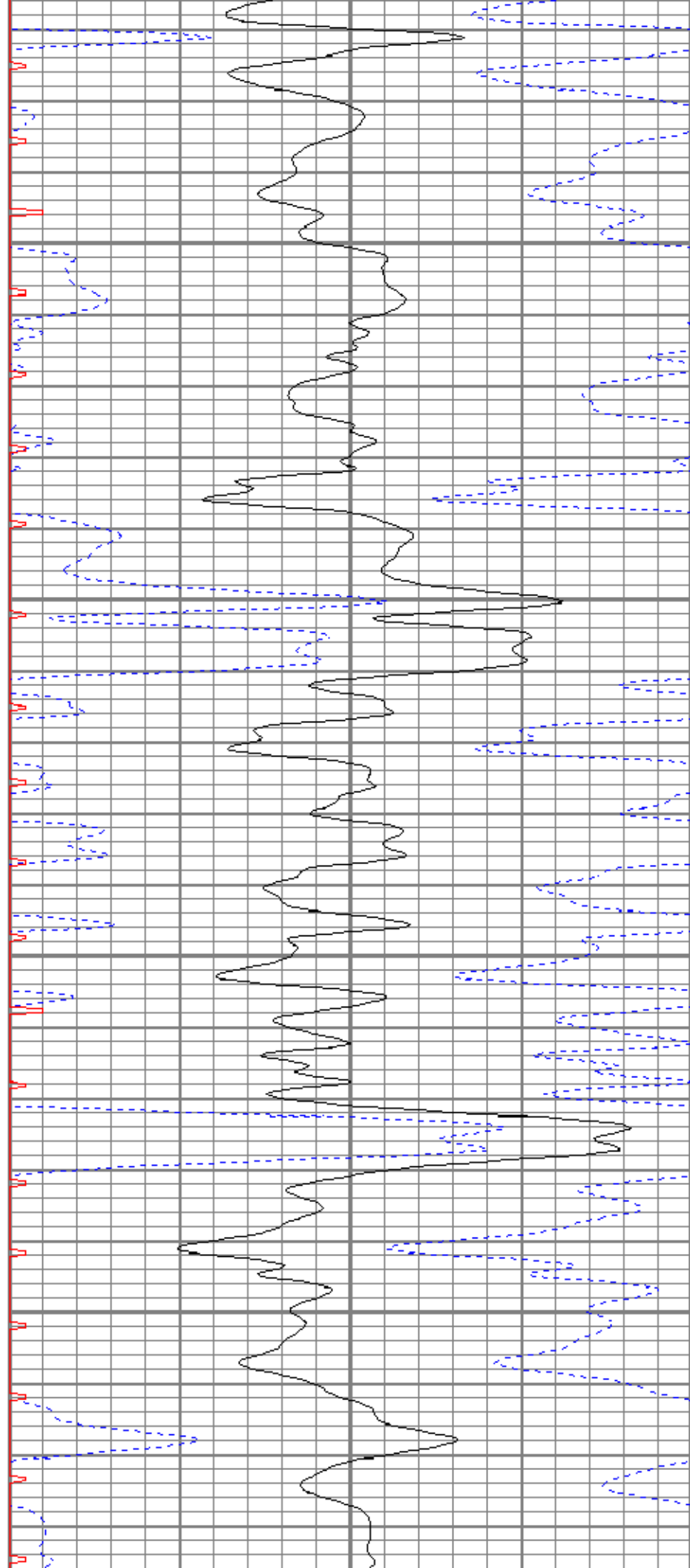


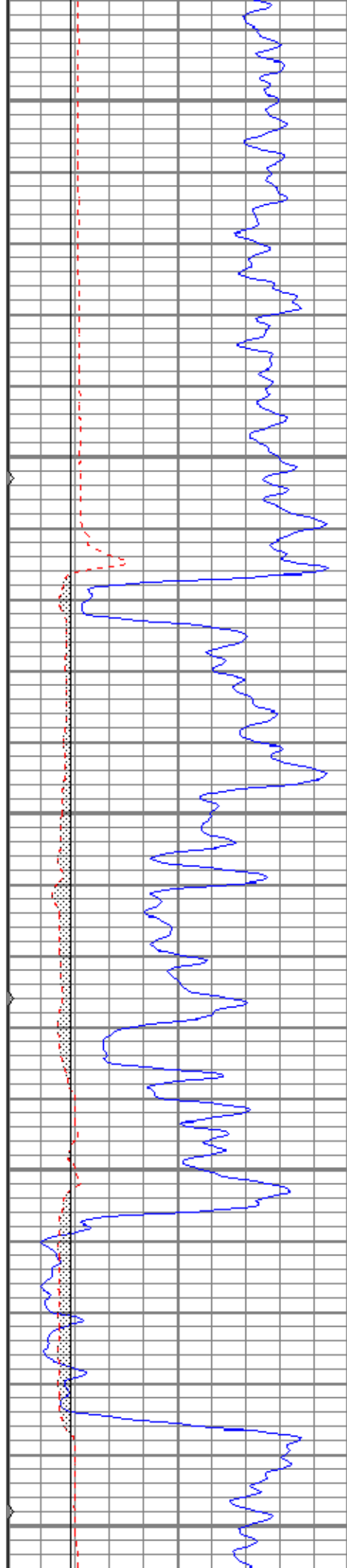
1650

1700

1750

1800





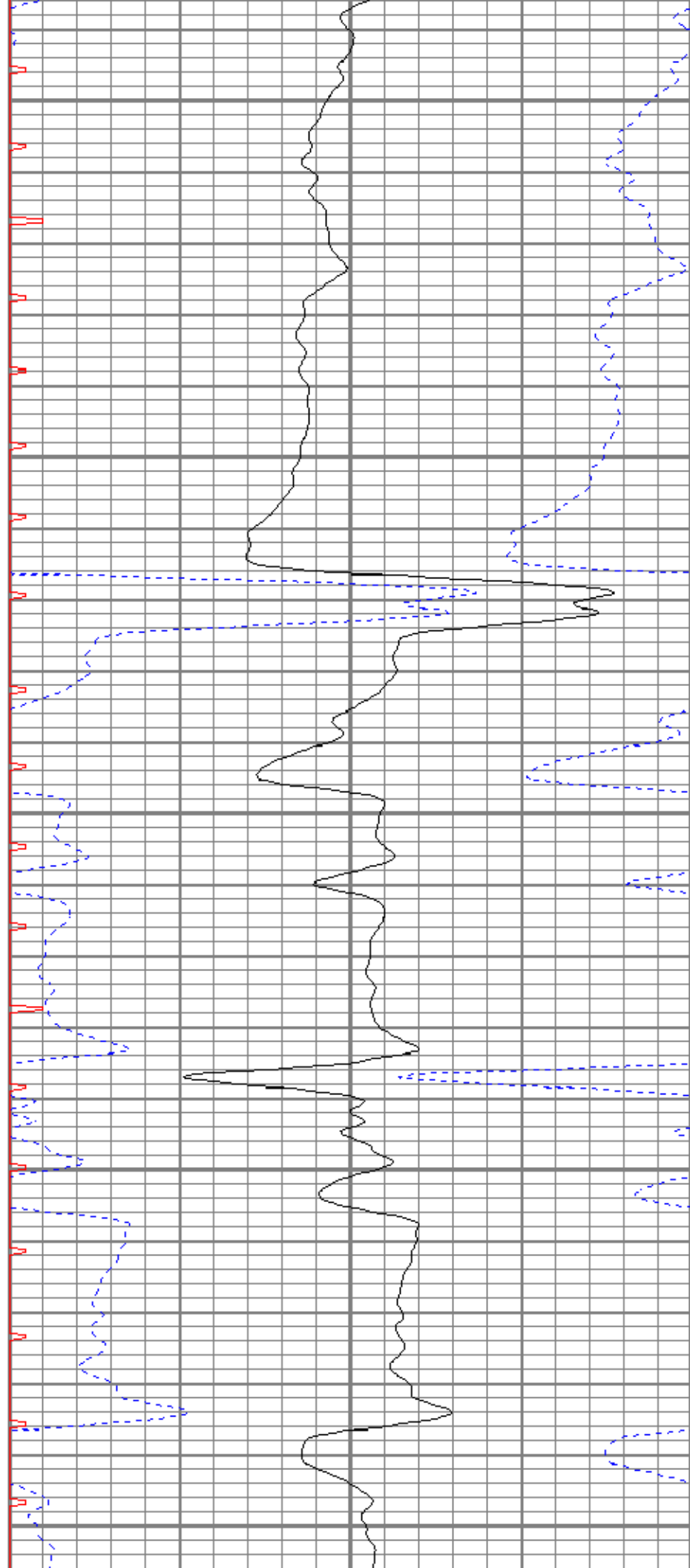
1850

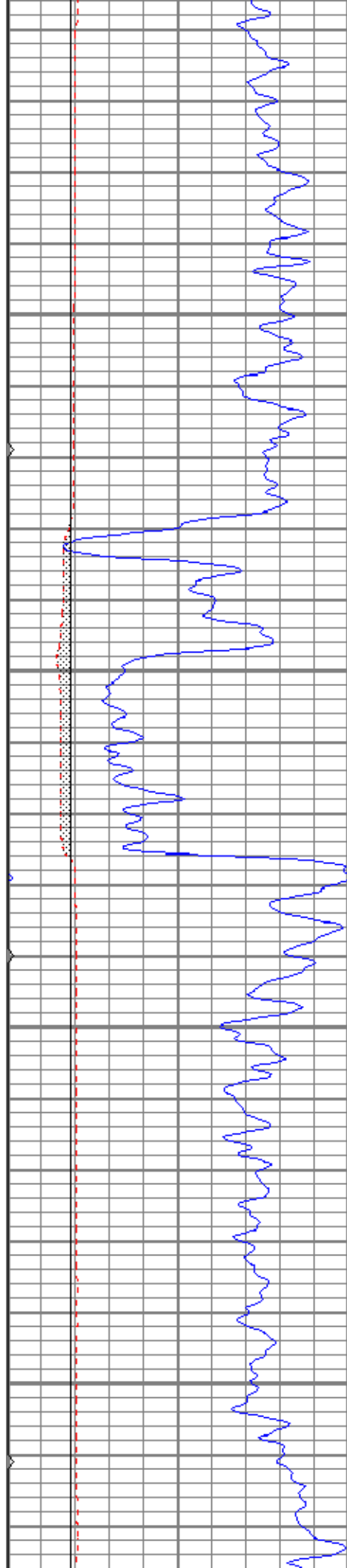
1900

1950

2000

2050



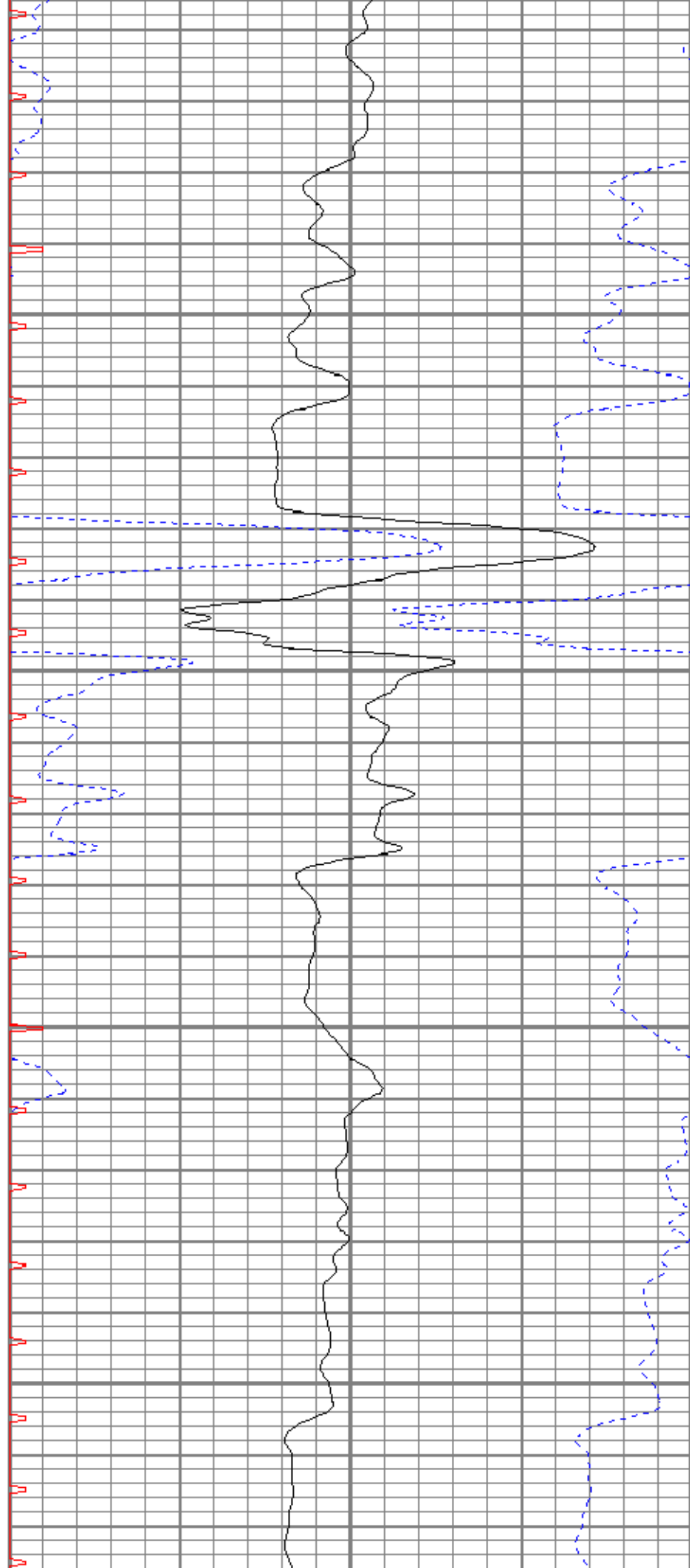


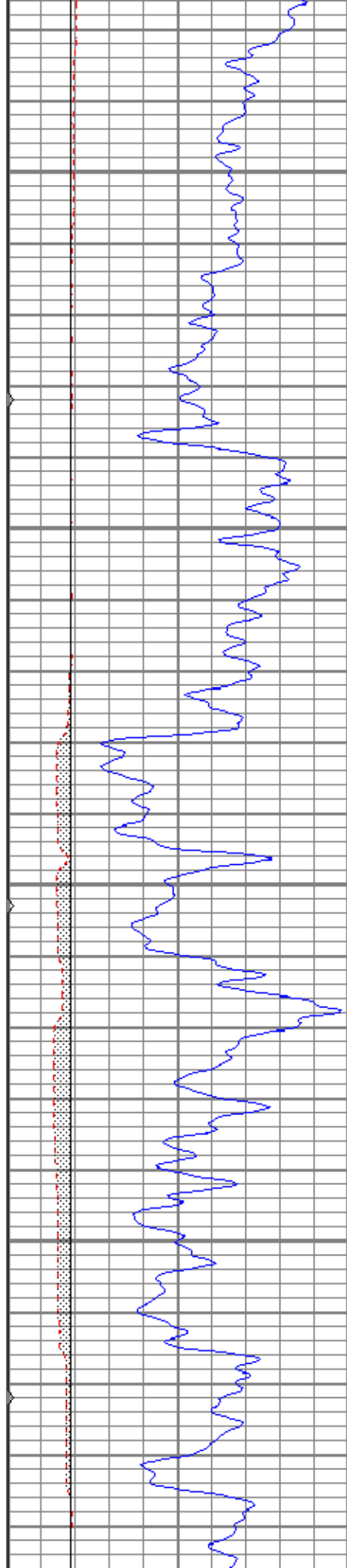
2100

2150

2200

2250



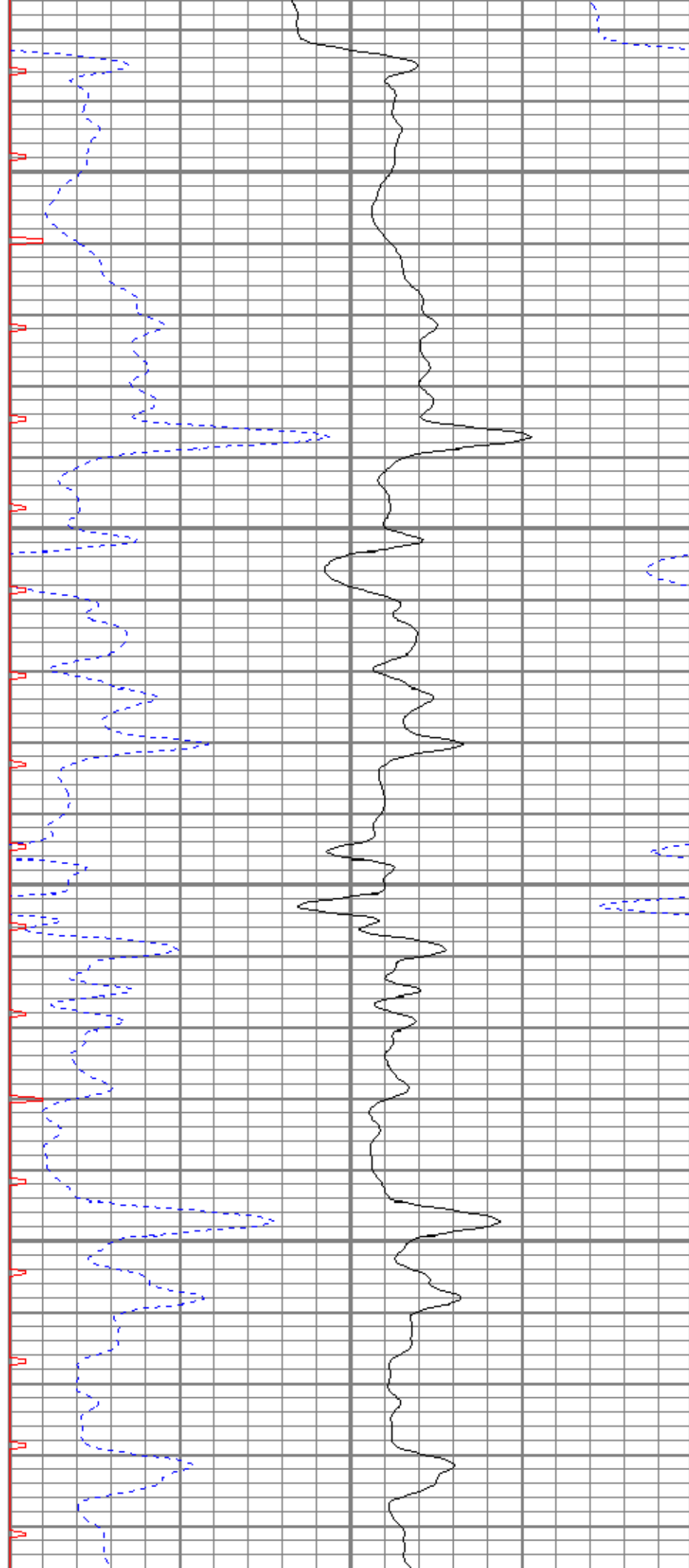


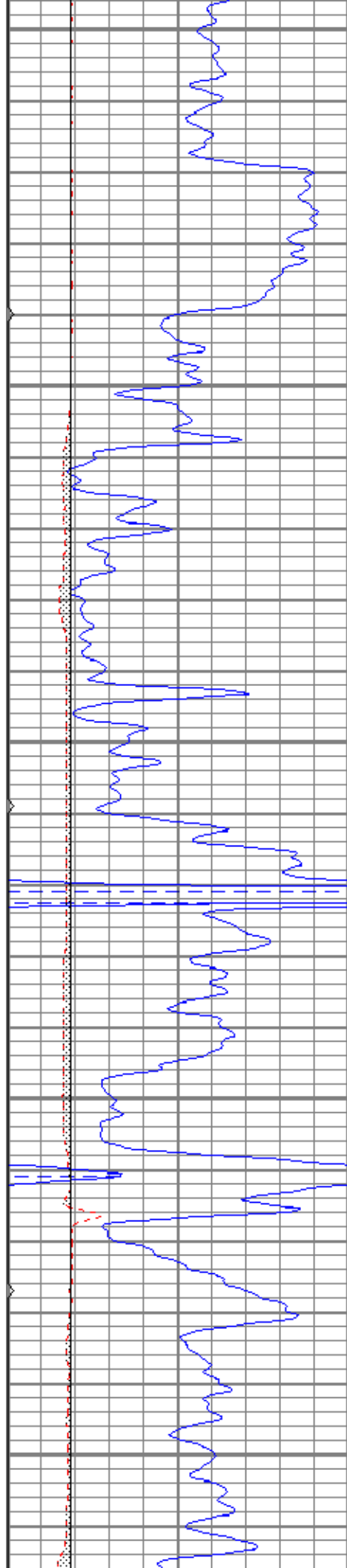
2300

2350

2400

2450





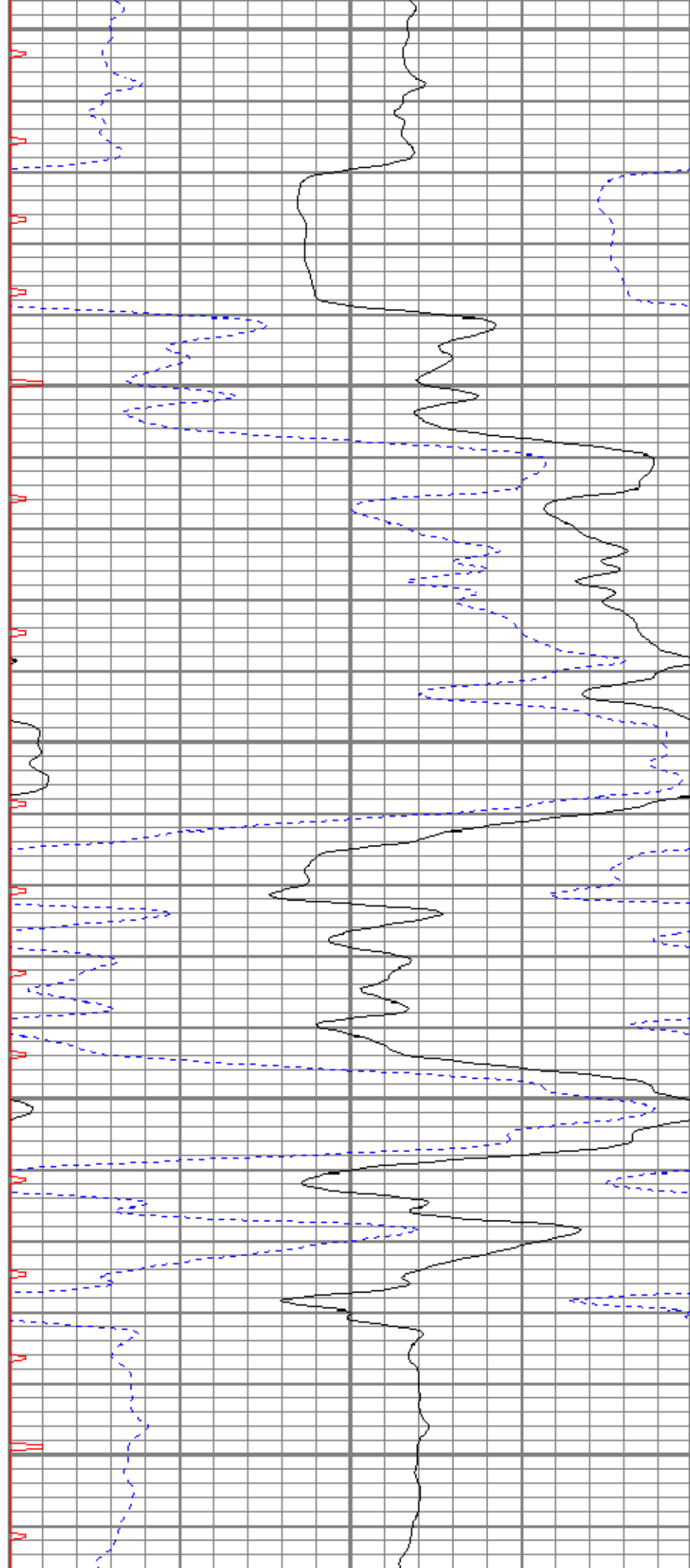
2500

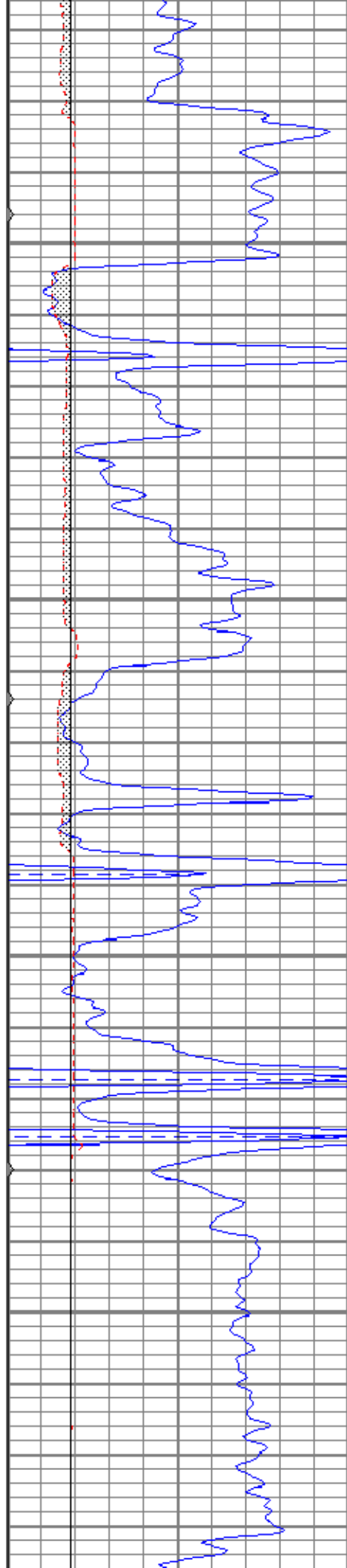
2550

2600

2650

2700



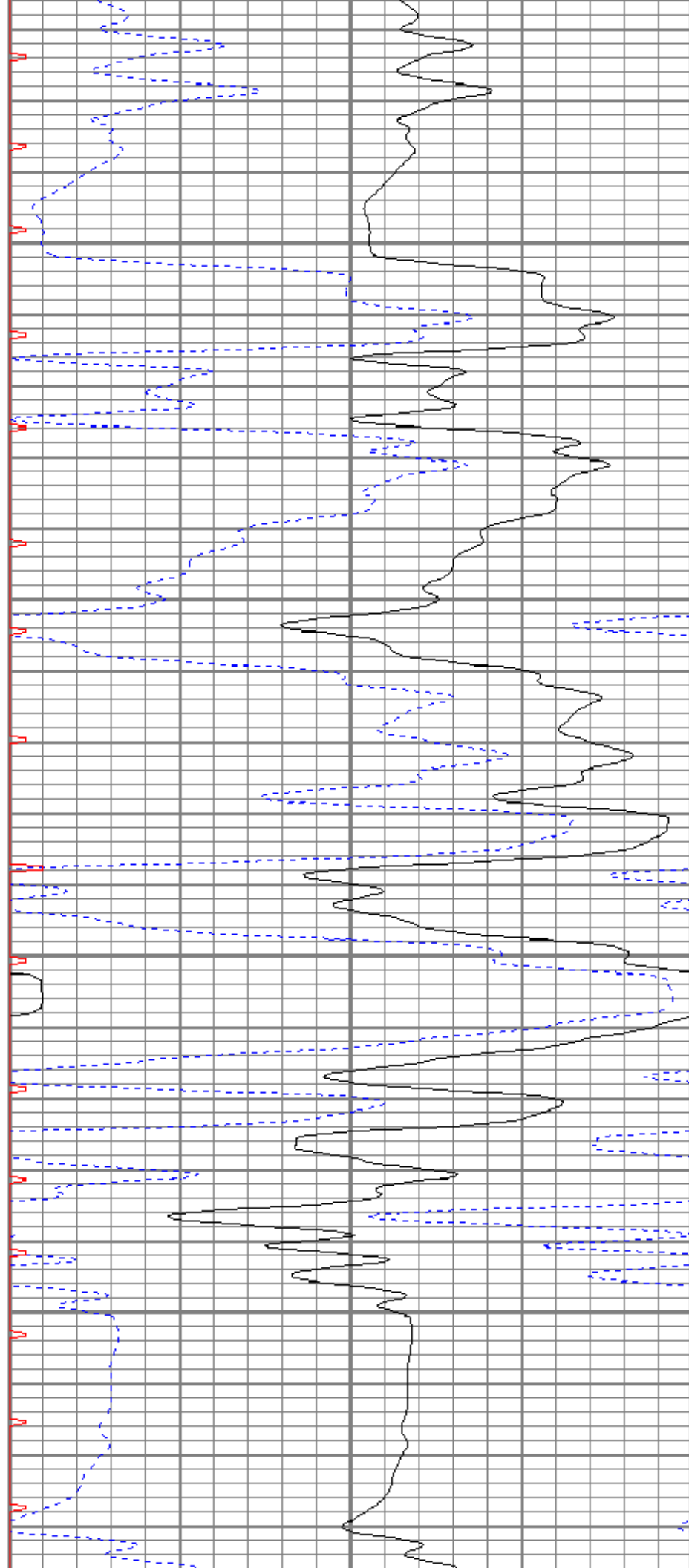


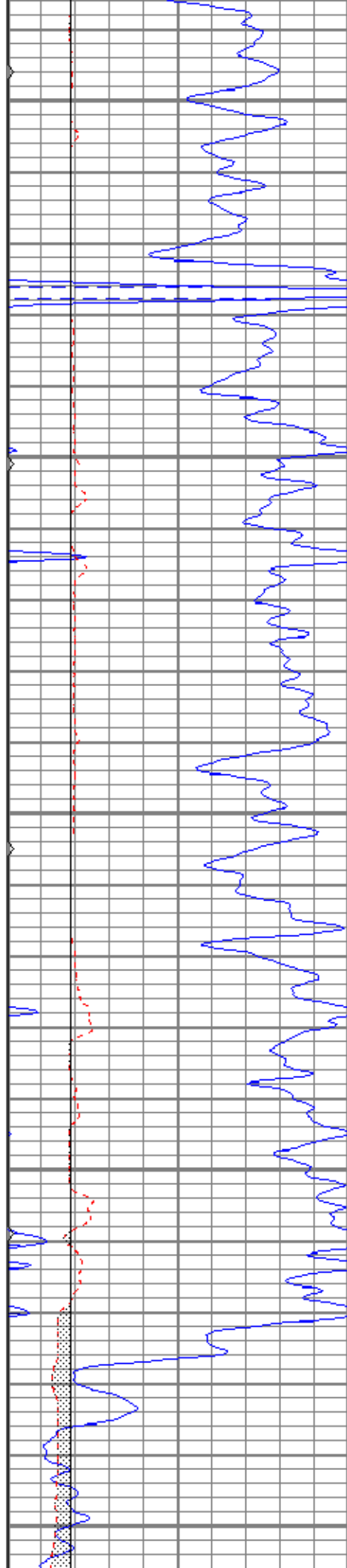
2750

2800

2850

2900





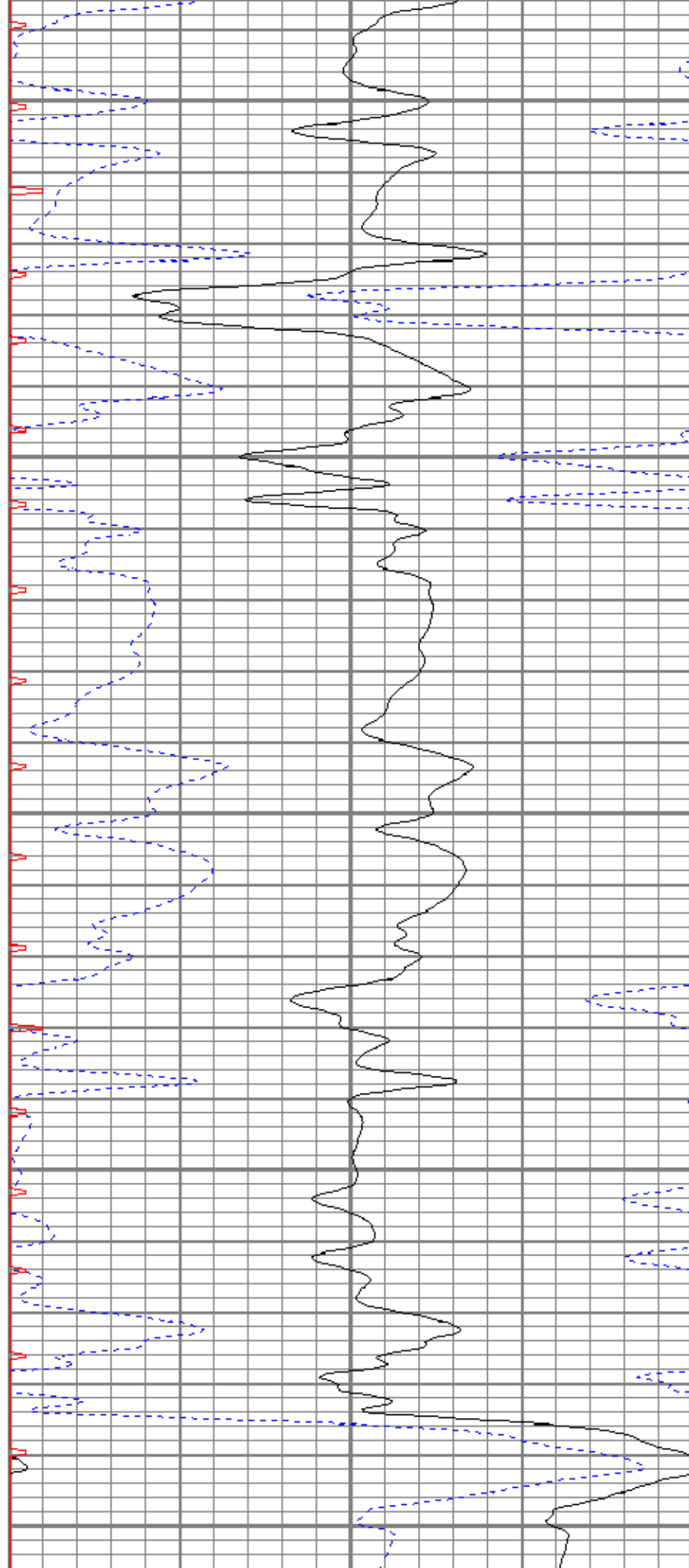
2950

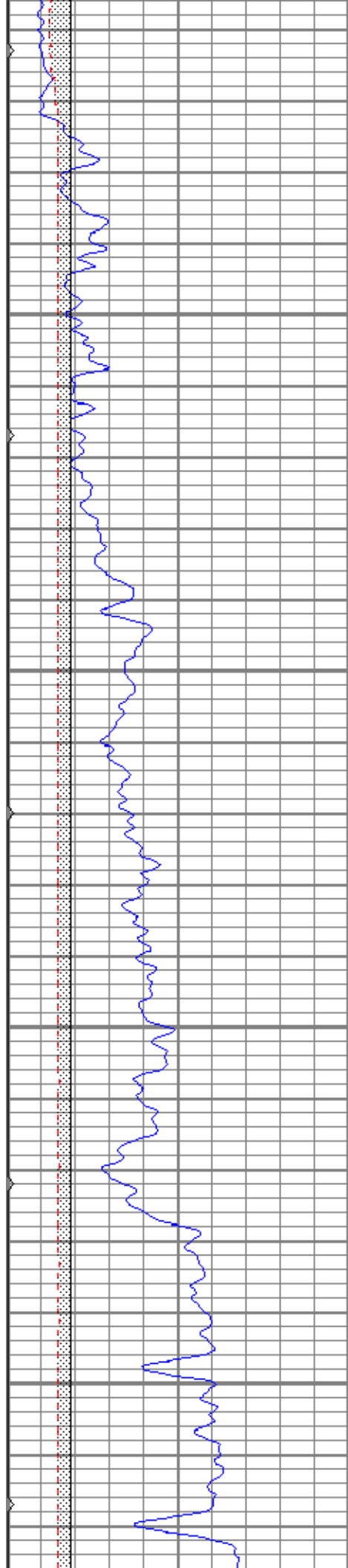
3000

3050

3100

3150



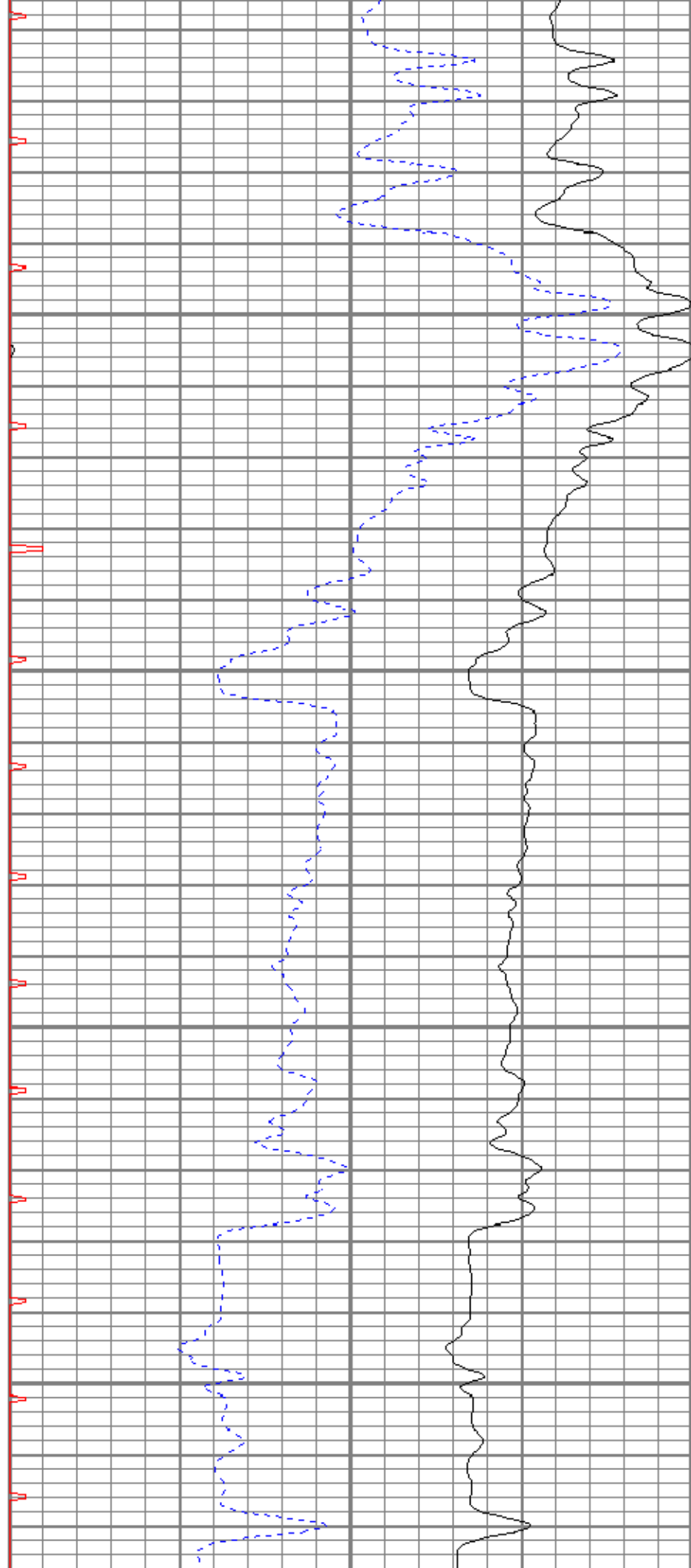


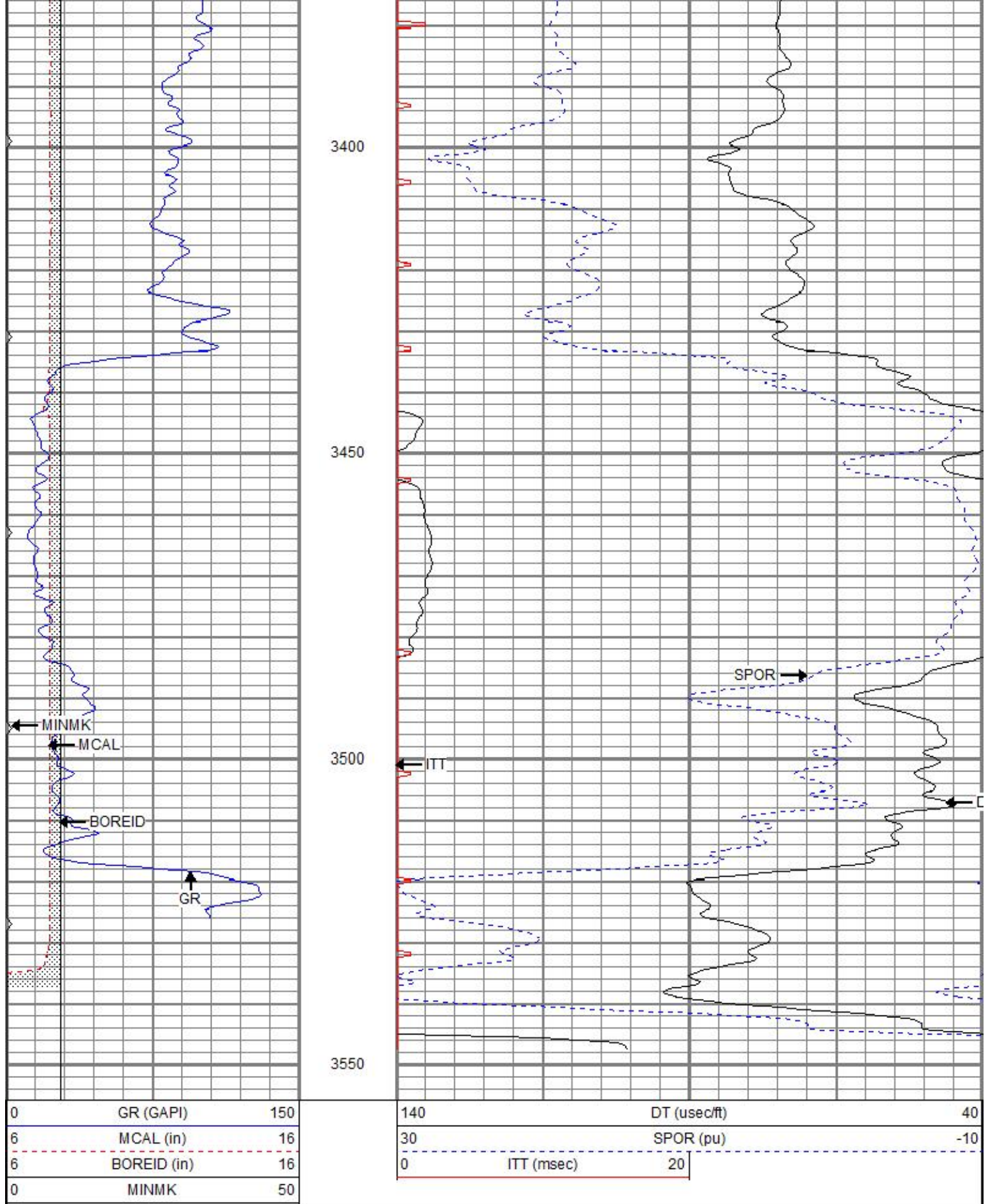
3200

3250

3300

3350



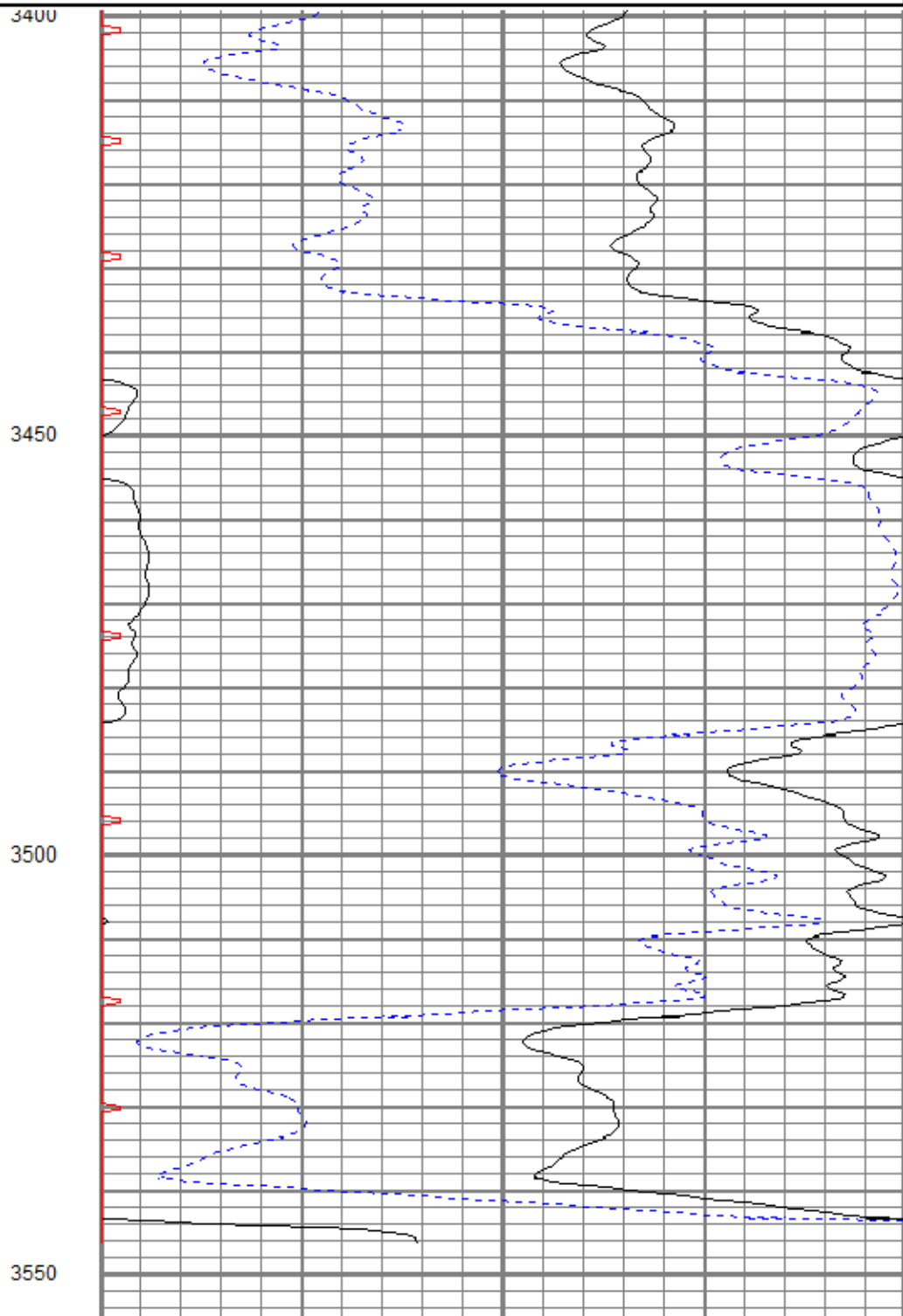
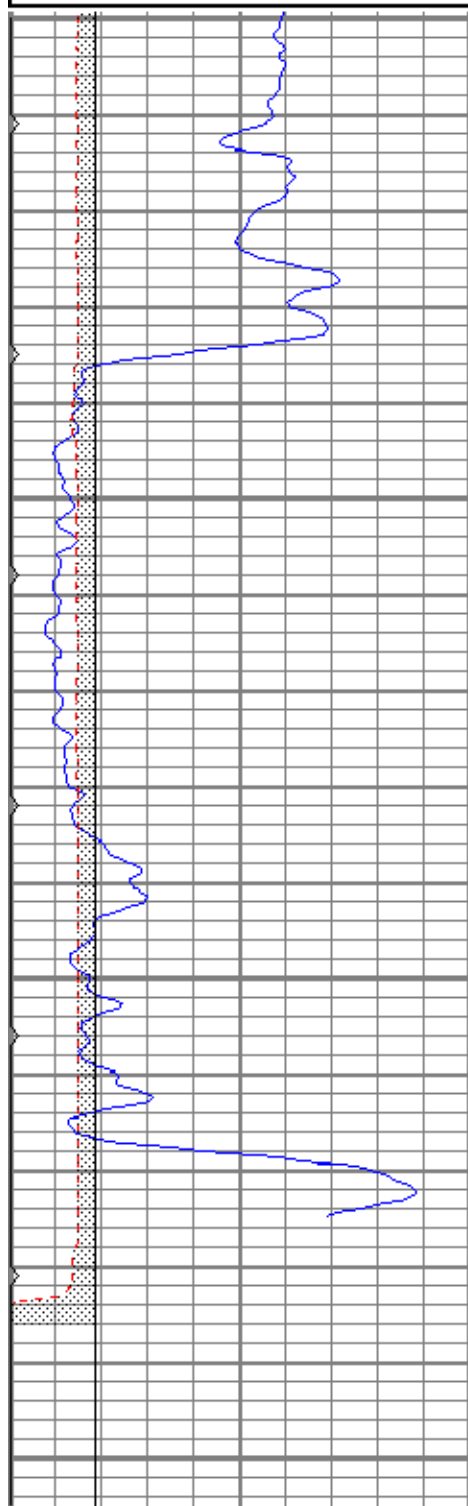


REPEAT SECTION

Database File troclj3oh.db
 Dataset Pathname pass3
 Presentation Format kbcs
 Dataset Creation Mon Feb 13 06:45:42 2017
 Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16
0	MINMK	50

140	DT (usec/ft)	40
30	SPOR (pu)	-10
0	ITT (msec)	20



0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16
0	MINMK	50

140	DT (usec/ft)	40
30	SPOR (pu)	-10
0	ITT (msec)	20

Calibration Report

Database File troclfj3oh.db
Dataset Pathname pass4
Dataset Creation Mon Feb 13 06:54:36 2017

Microlog Calibration Report

Serial-Model: 1600-Pengo
Performed: Fri Feb 10 01:39:43 2017

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	-0.0006	0.5868	V	0.0000	10.0000	Ohm-m	17.0248	0.0099
Inverse	0.0016	0.7618	V	0.0000	10.0000	Ohm-m	13.1534	-0.0209
Caliper	1.3663	2.2079	V	7.3000	14.0000	in	7.9605	-3.5761

Gamma Ray Calibration Report

Serial Number: 2000
Tool Model: P2000
Performed: Sat Jan 14 11:29:45 2017

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.2200 GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	28.13		GR-P2000 (2000)	3.67	3.25	40.00
MCAL	21.05		ML-Pengo (1600)	6.97	3.50	100.00
MI	21.05					
MN	21.05					
WVF4	13.79		SLT-G (101127)	15.71	3.50	250.00
WVF3	12.79		Sonic			
WVF2	9.79					
WVF1	8.79		CENT-OHshort Open Hole short centralizer	4.04	3.50	50.00

Dataset: troclfj3oh.db: field/well/run1/pass4
Total length: 30.38 ft
Total weight: 440.00 lb
O.D.: 3.50 in