



MICROLOG

Company	VAL ENERGY, INC	Company	VAL ENERGY, INC
Well	J & N LAND 2-2	Well	J & N LAND 2-2
Field		Field	
County	COWLEY	County	COWLEY
State	KANSAS	State	KANSAS
Location:	API #: 15-035-24791-00-00 N/2 S/2 NW/NW 669' FNL & 660' FWL		Other Services DIL CDLN
Permanent Datum	GL	Elevation	1259
Log Measured From	KB		
Drilling Measured From	KB		
	SEC 2 TWP 35S RGE 5E		
Date	11-17-2023		
Run Number	ONE		
Depth Driller	3502		
Depth Logger	3499		
Bottom Logged Interval	3497		
Top Log Interval	SURFACE		
Casing Driller	8.625" @ 200		
Casing Logger	8.625" @ 200		
Bit Size	7.875"		
Type Fluid in Hole	MUD		
Density / Viscosity	9.5 / 65		
pH / Fluid Loss	10.5 / 5.6		
Source of Sample	PIT		
Rm @ Meas. Temp	2.7 @ 70		
Rmf @ Meas. Temp	2.05 @ 70		
Rmc @ Meas. Temp	3.15 @ 70		
Source of Rmf / Rmc	CALCULATED		
Rm @ BHT	1.88 @ 109		
Time Circulation Stopped	8:30 PM		
Time Logger on Bottom	11:00 PM		
Maximum Recorded Temperature	109		
Equipment Number	OW2		
Location	HOMINY, OK		
Recorded By	MACKAY		TYLER
Witnessed By	MR. WOLFE		

<<< 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

FILE # OW2-9238 VAL ENERGY
KIDD
THANK YOU FOR USING OSAGE WIRELINE

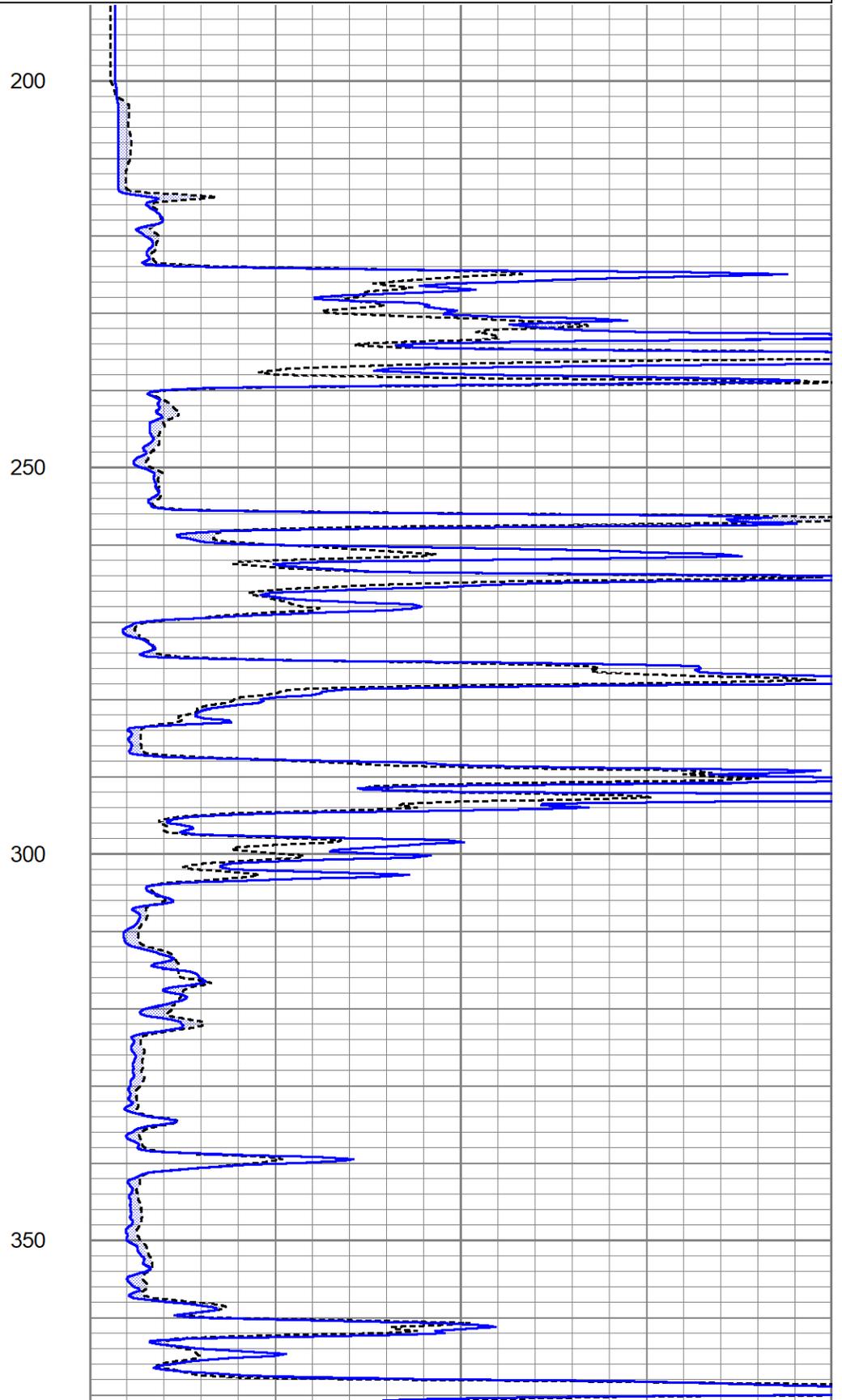
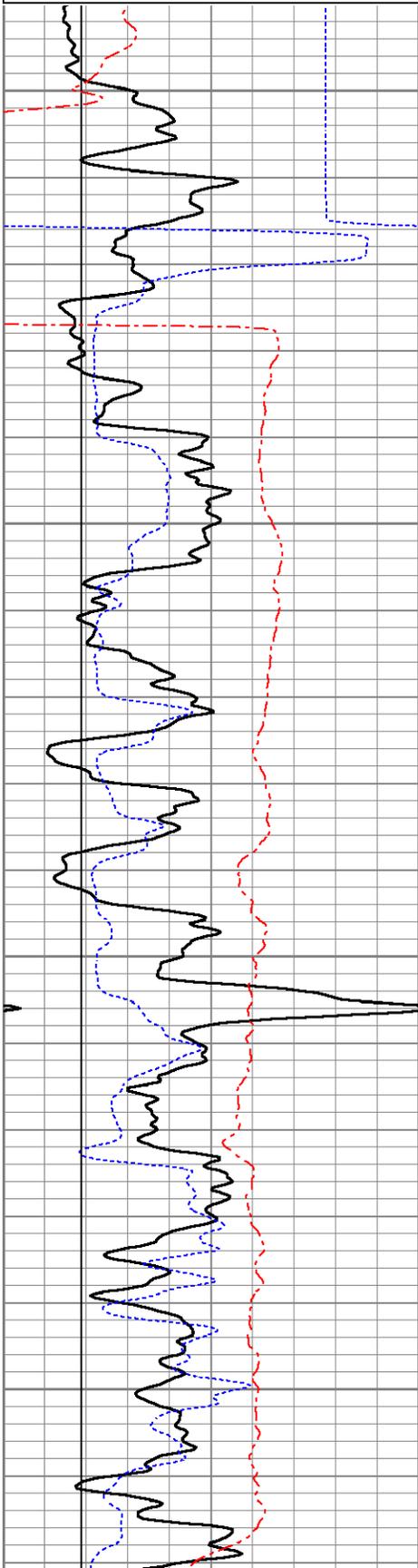


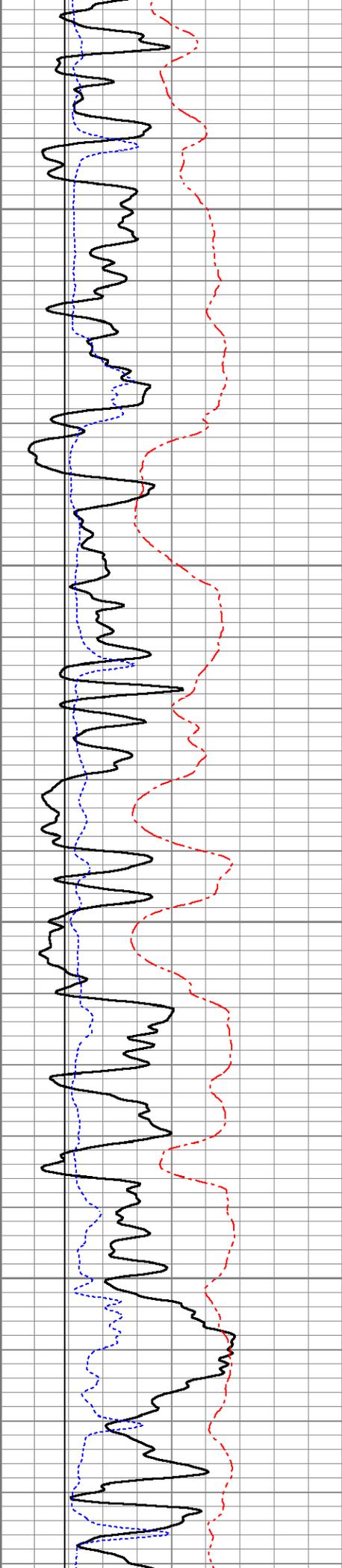
5" MICROLOG

Database File ow2-9238 val energy.db
 Dataset Pathname pass3.13
 Presentation Format st_digitalmicro_6-16
 Dataset Creation Sat Nov 18 04:12:15 2023
 Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
6	Micro Caliper (in)	16
6	Bit Size (in)	16
0	Spontaneous Potential (mV)	200

0	Micro Normal (Ohm-m)	40
0	Micro Inverse (Ohm-m)	40



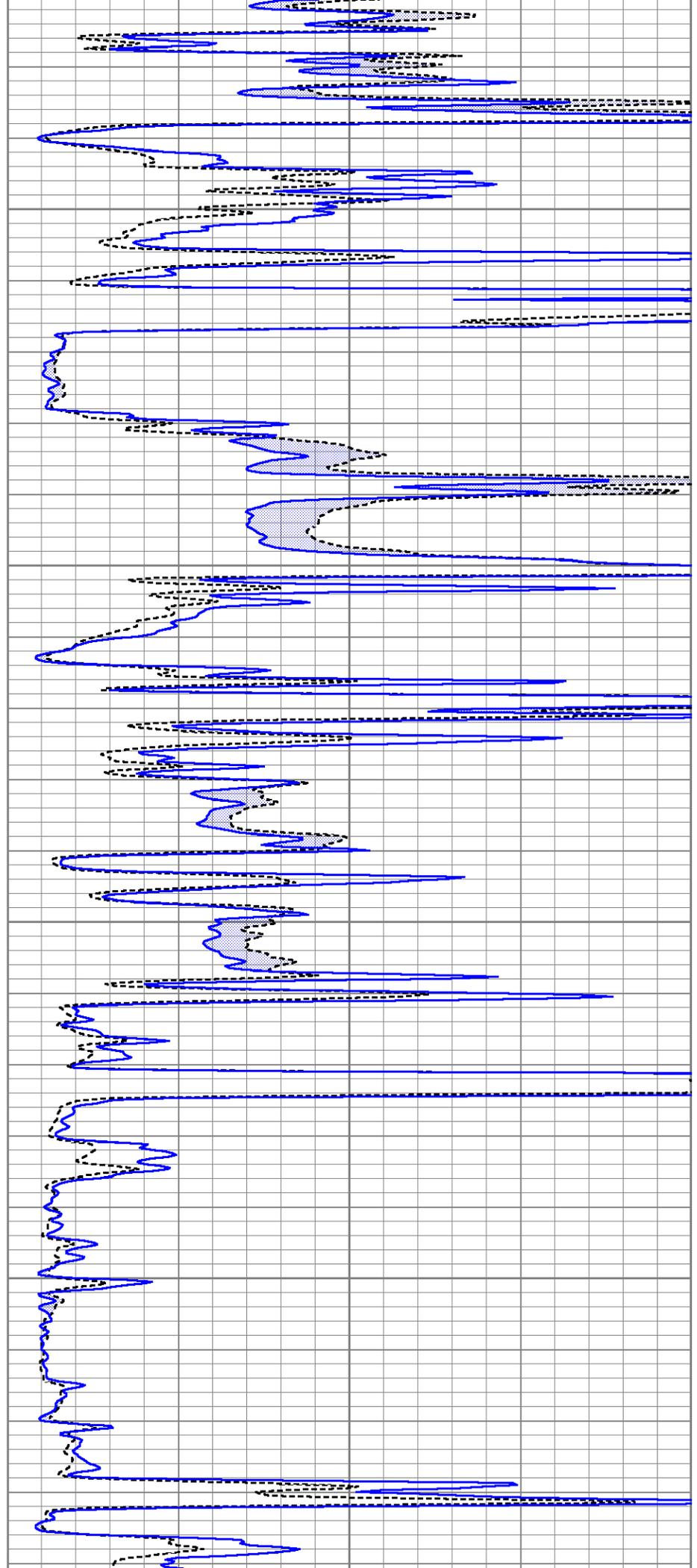


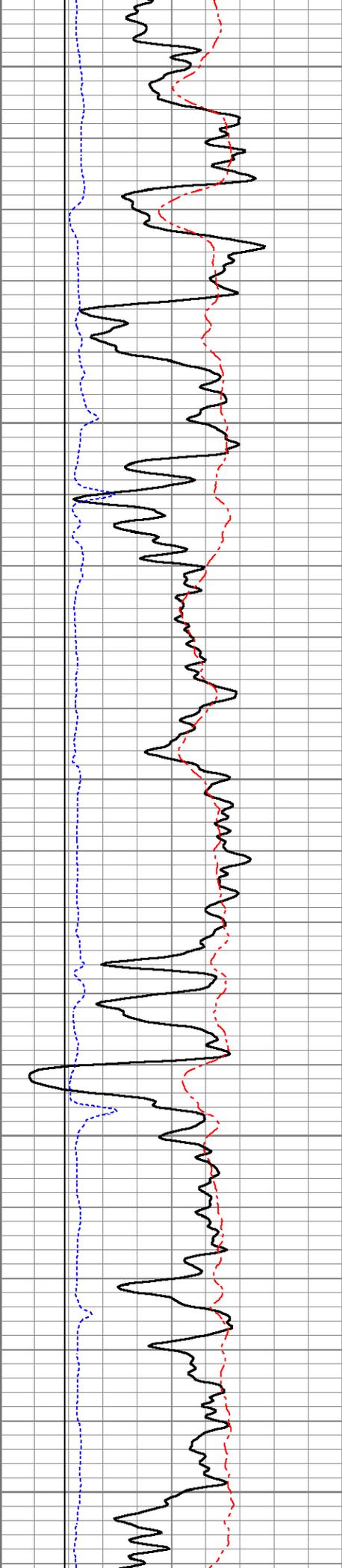
400

450

500

550





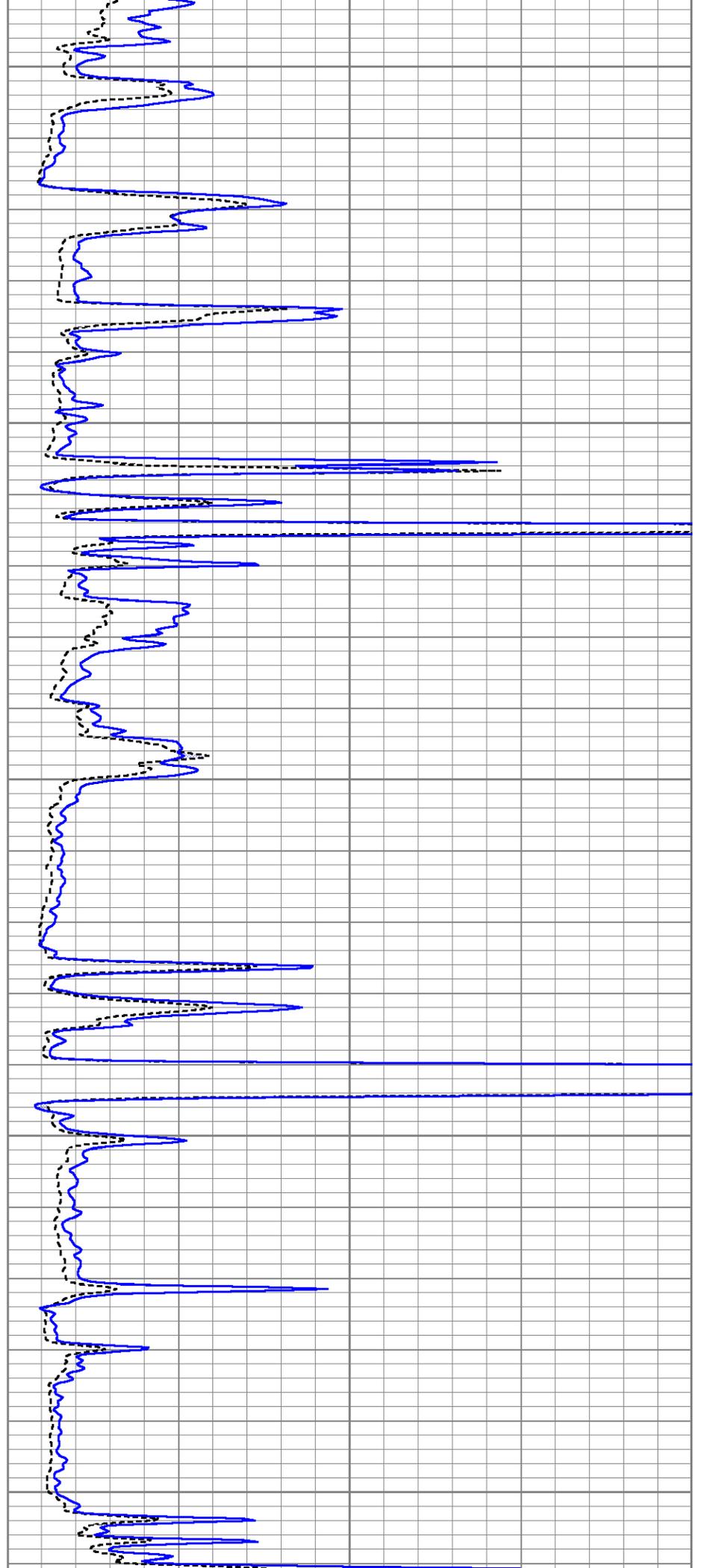
600

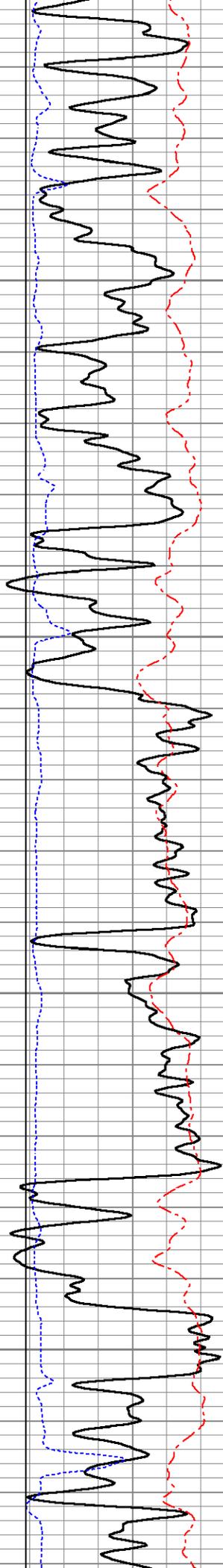
650

700

750

800



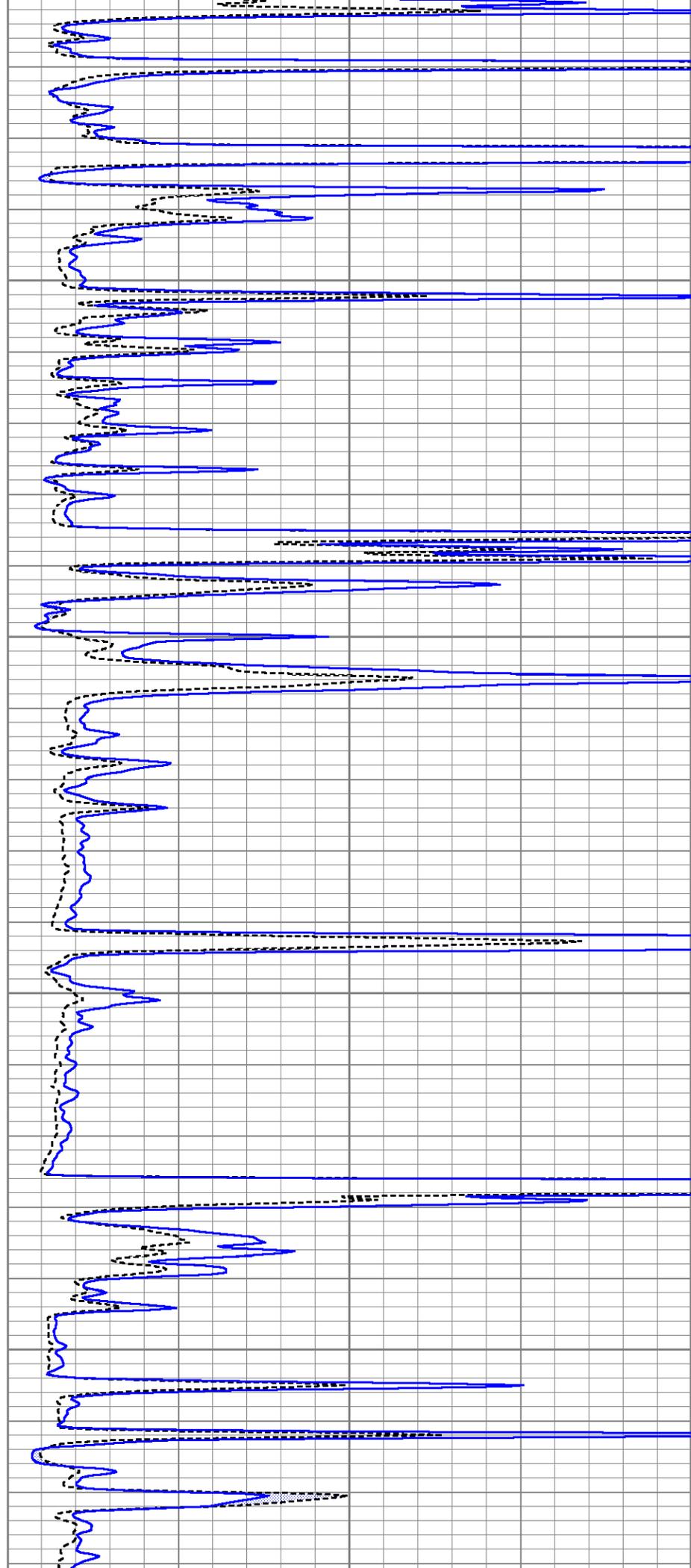


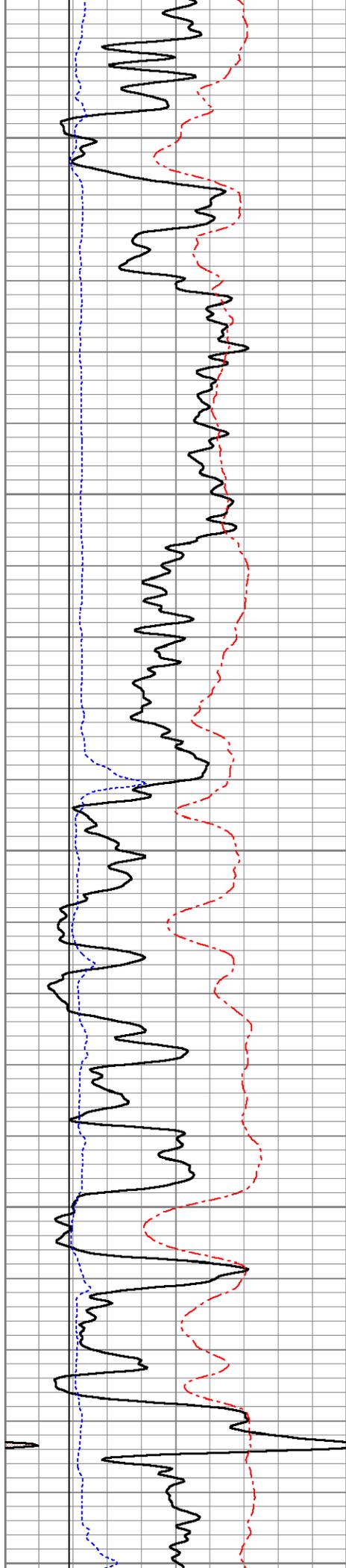
850

900

950

1000





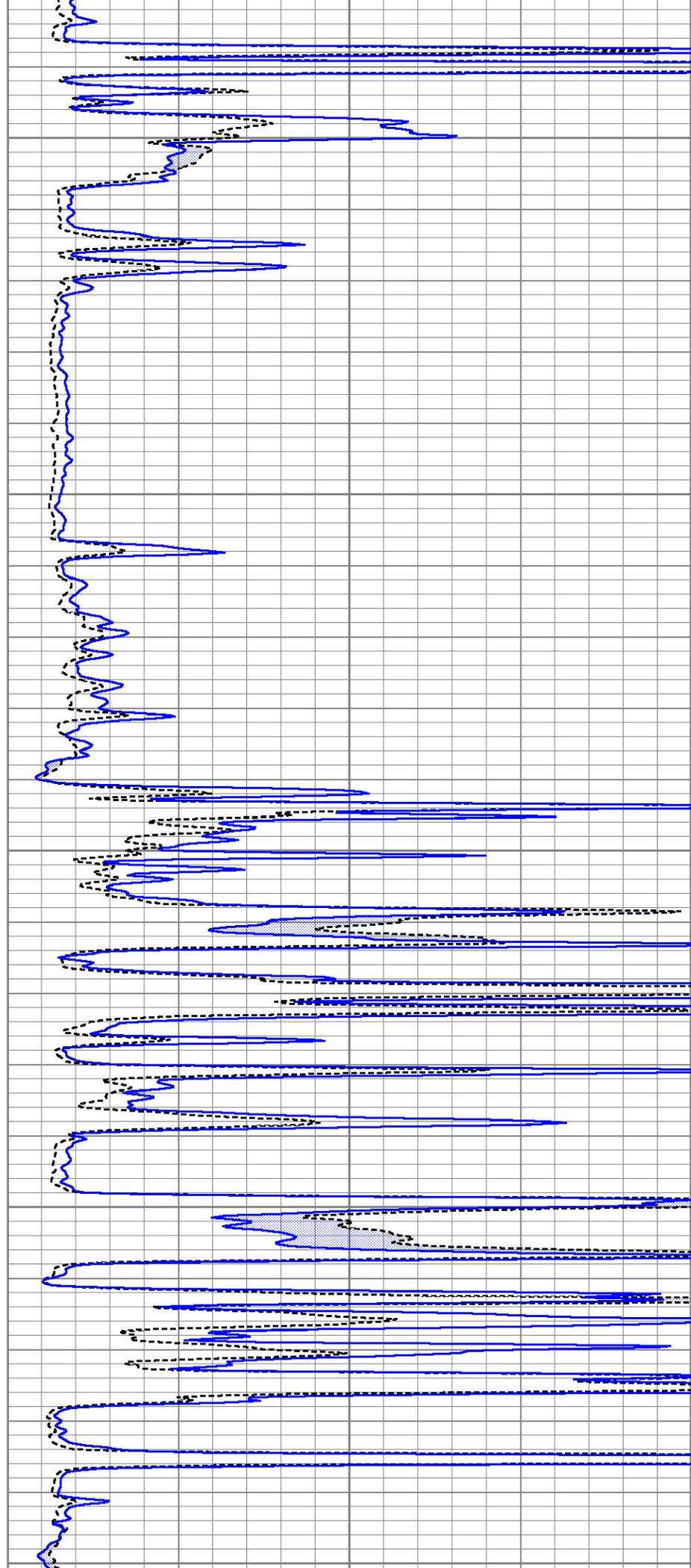
1050

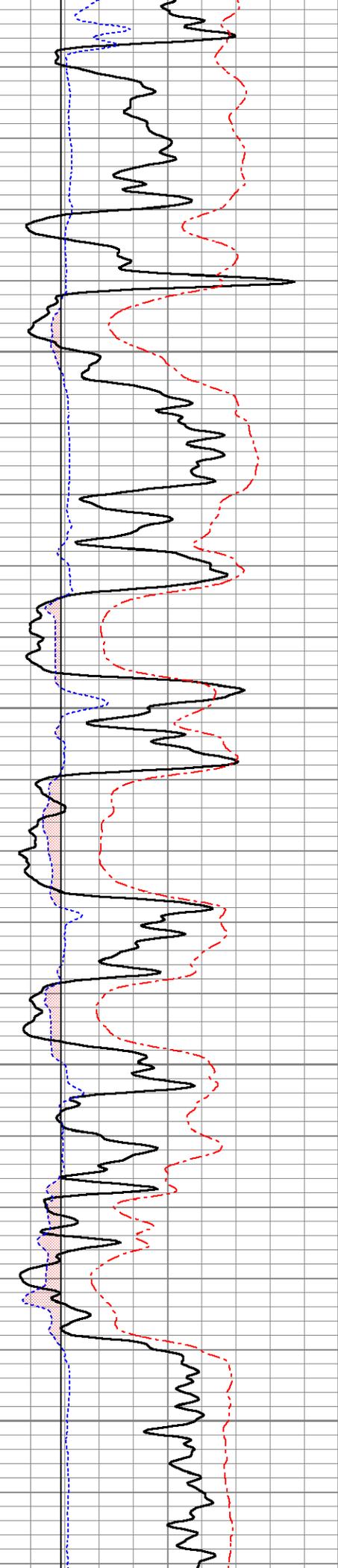
1100

1150

1200

1250



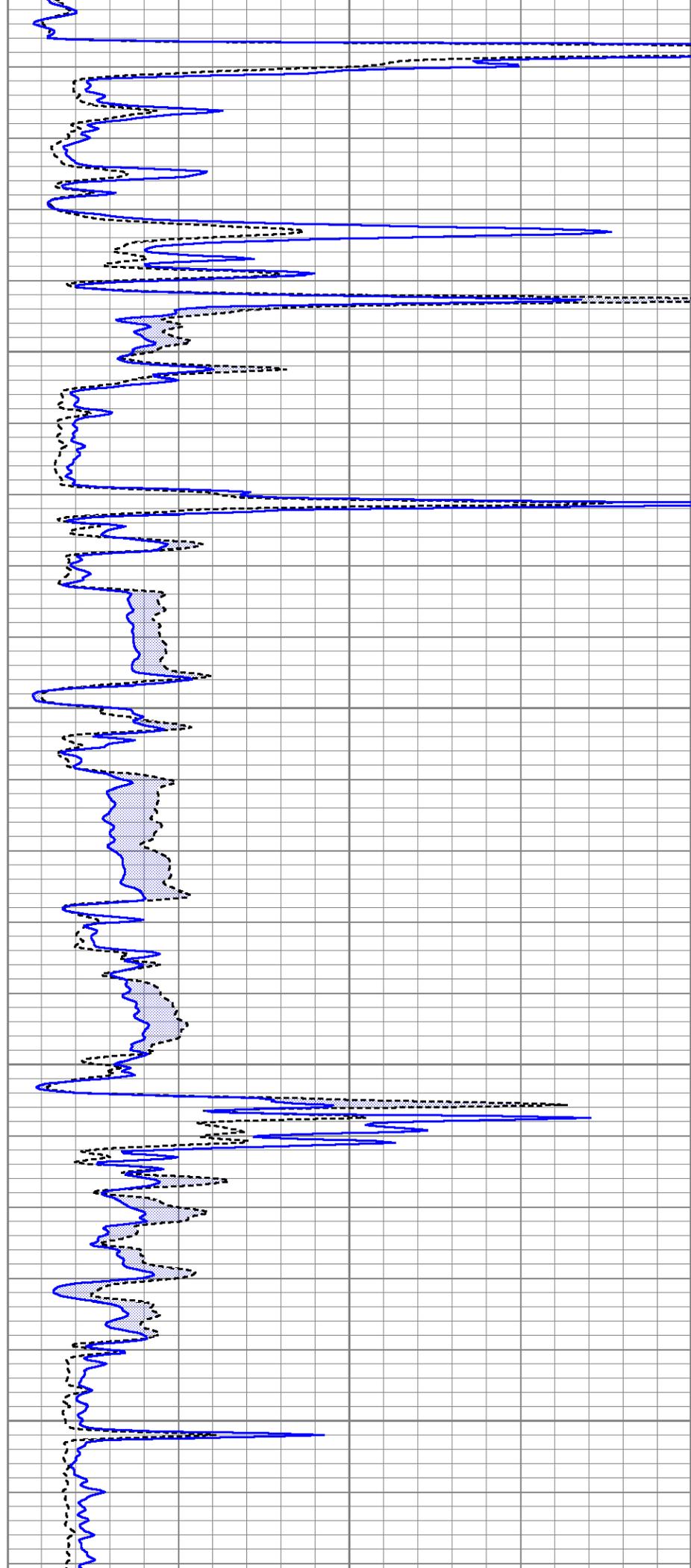


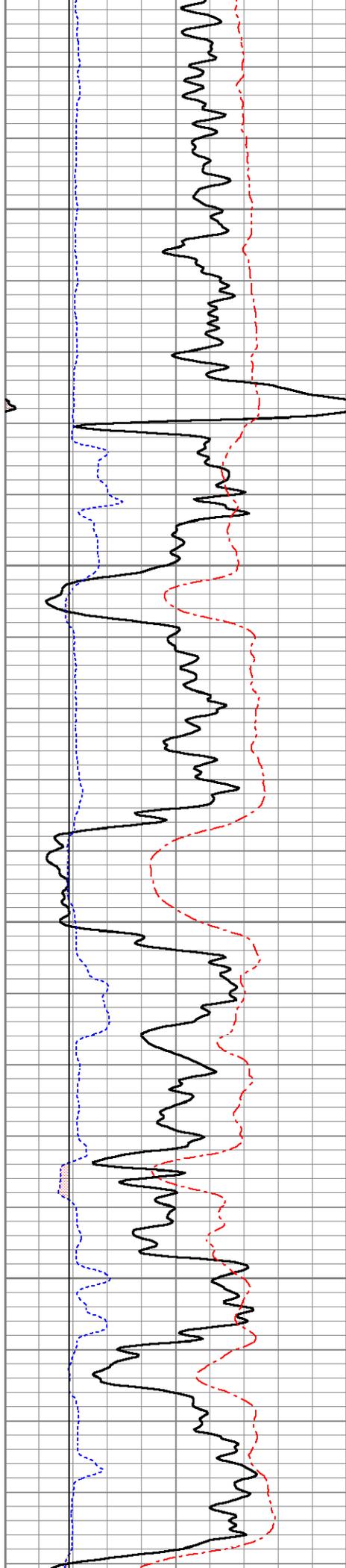
1300

1350

1400

1450



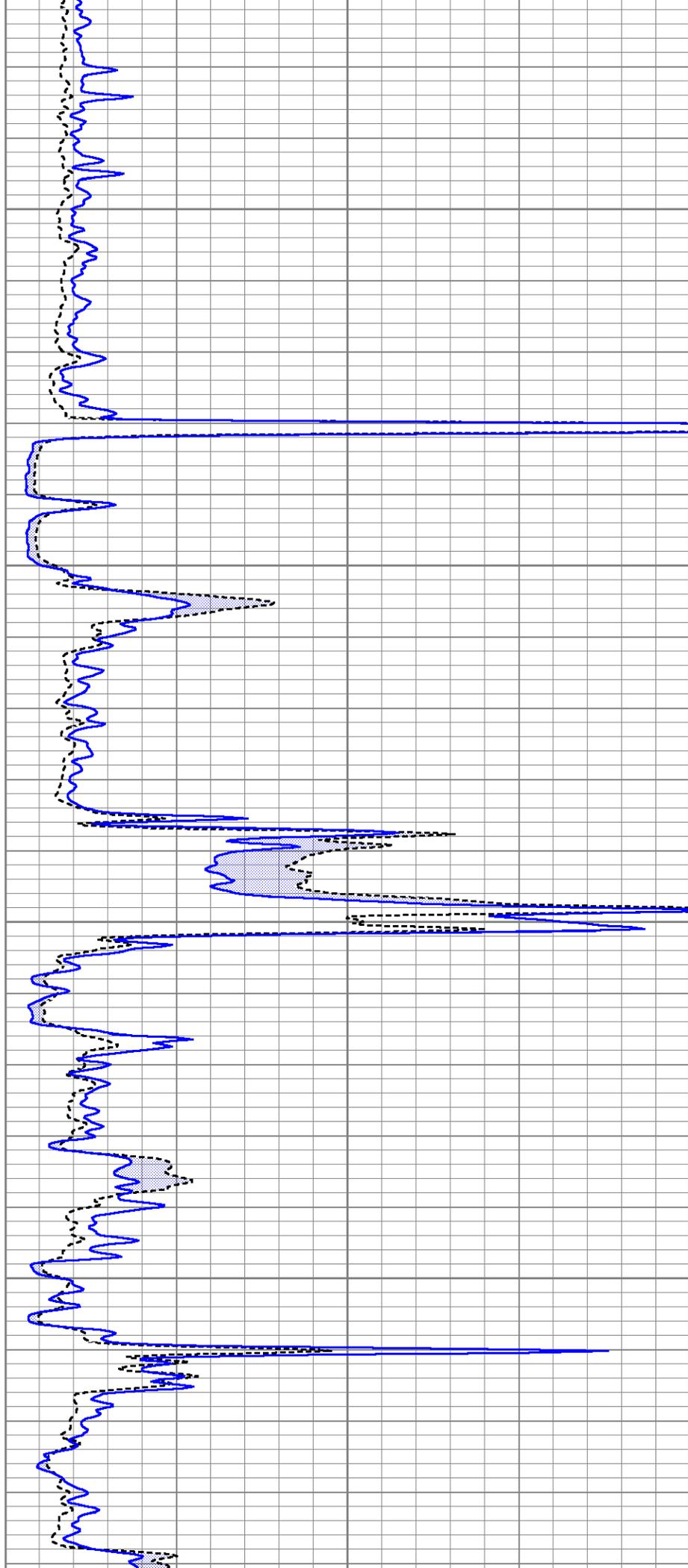


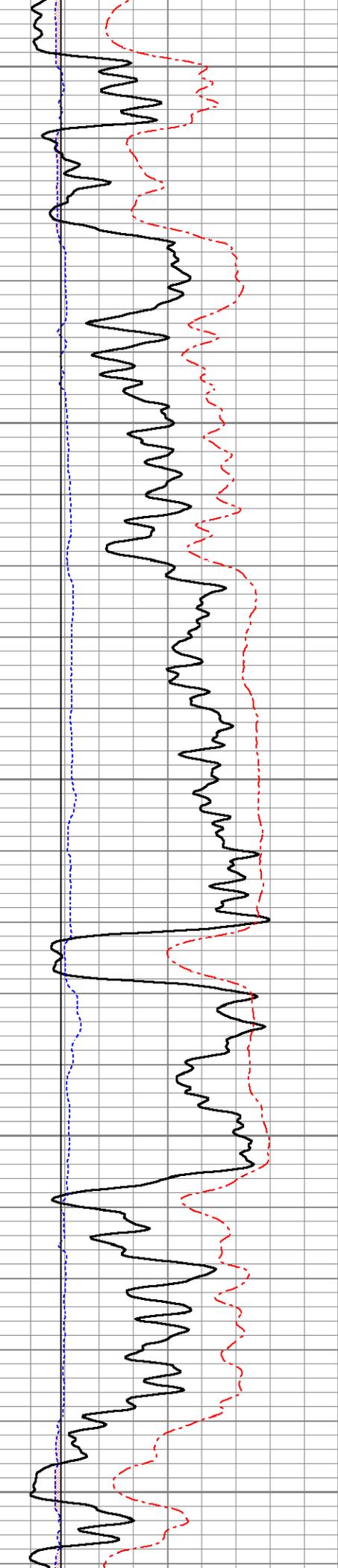
1500

1550

1600

1650





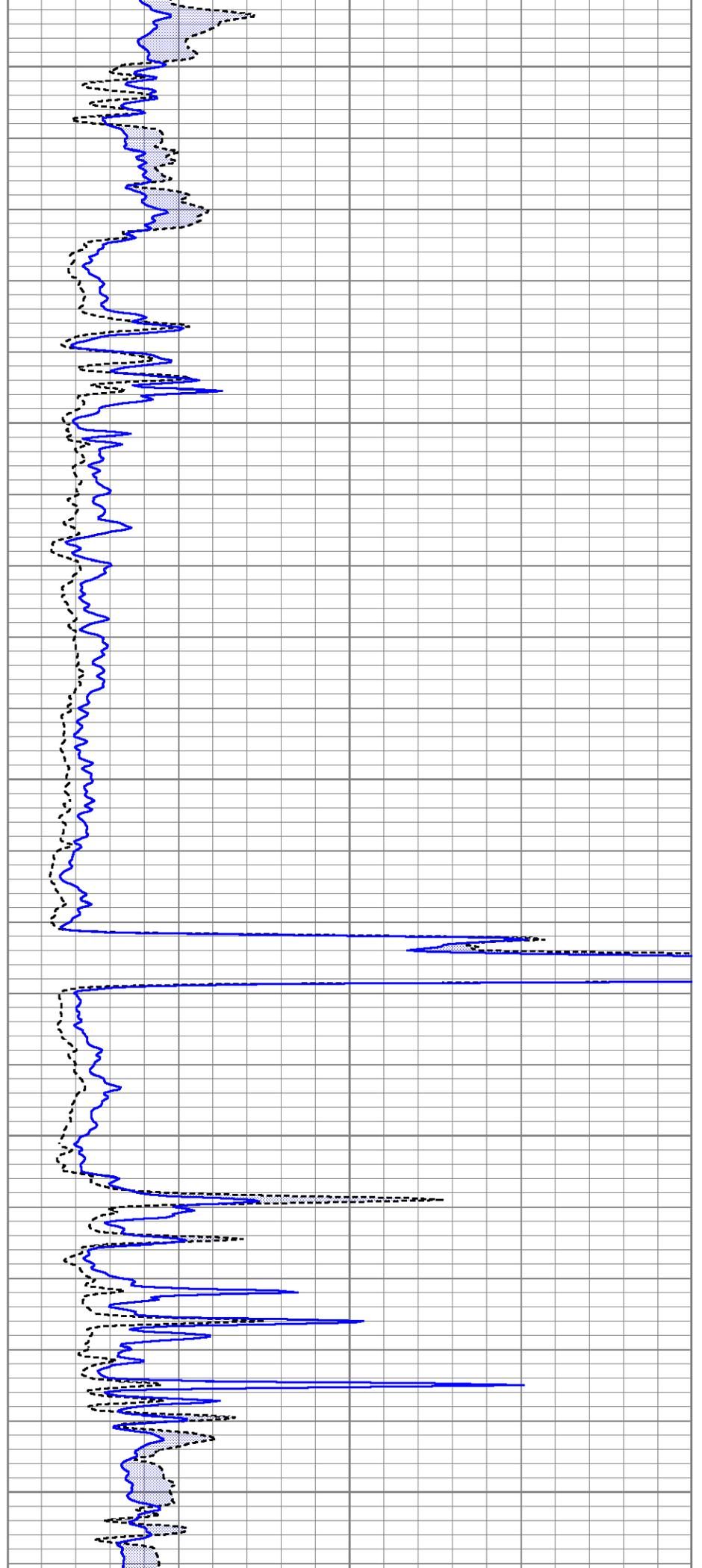
1700

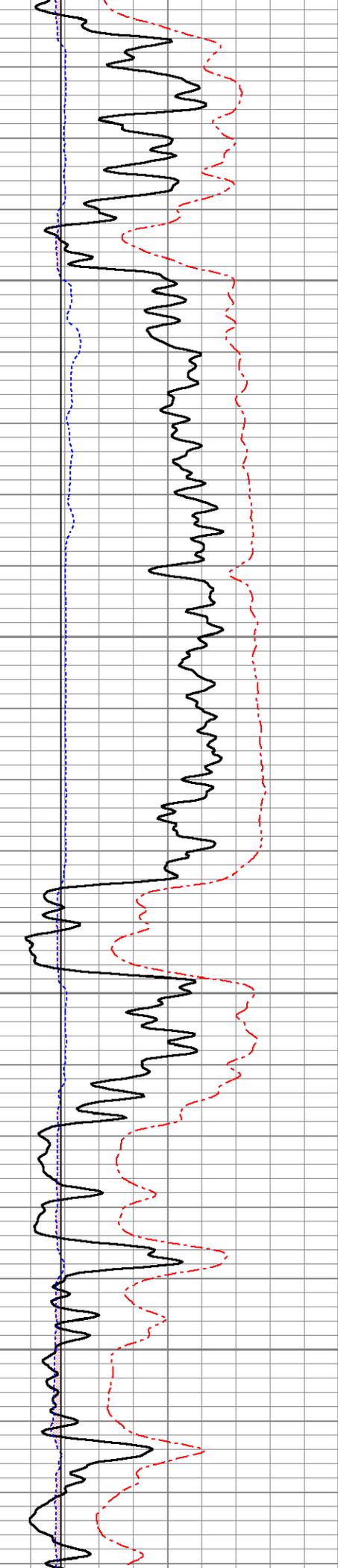
1750

1800

1850

1900



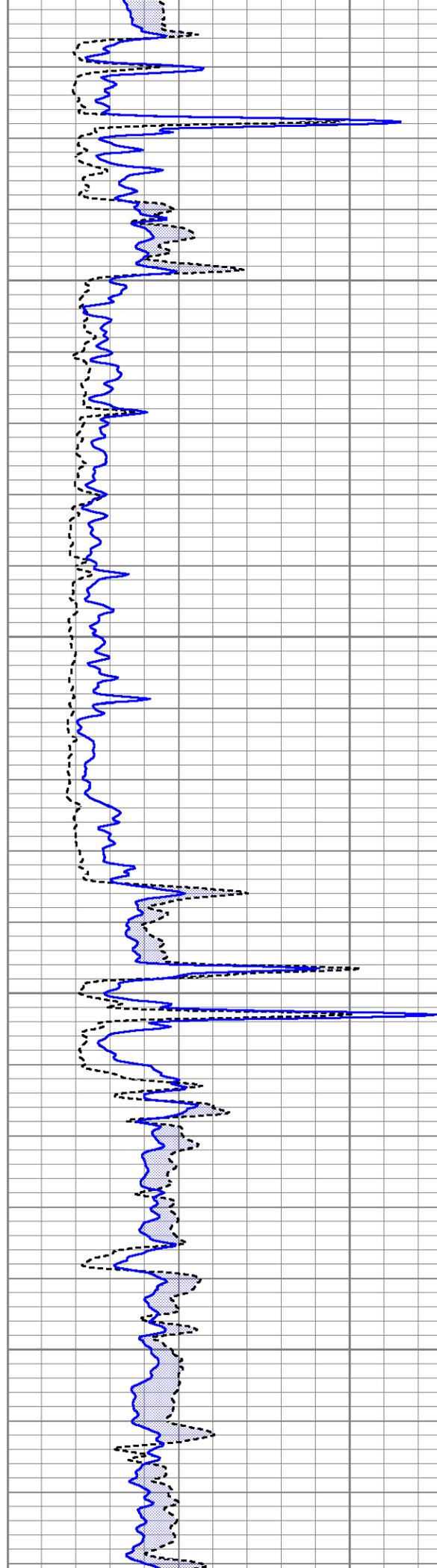


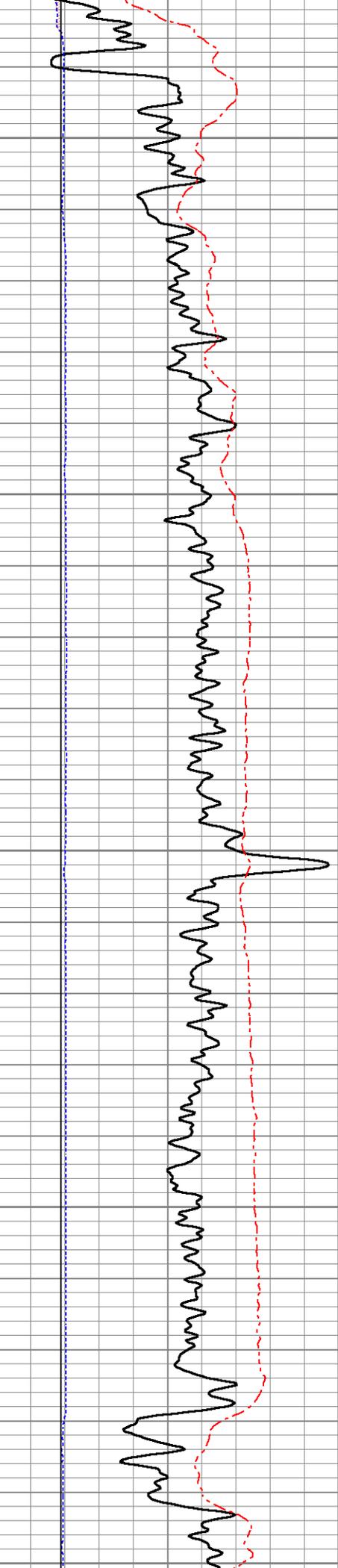
1950

2000

2050

2100





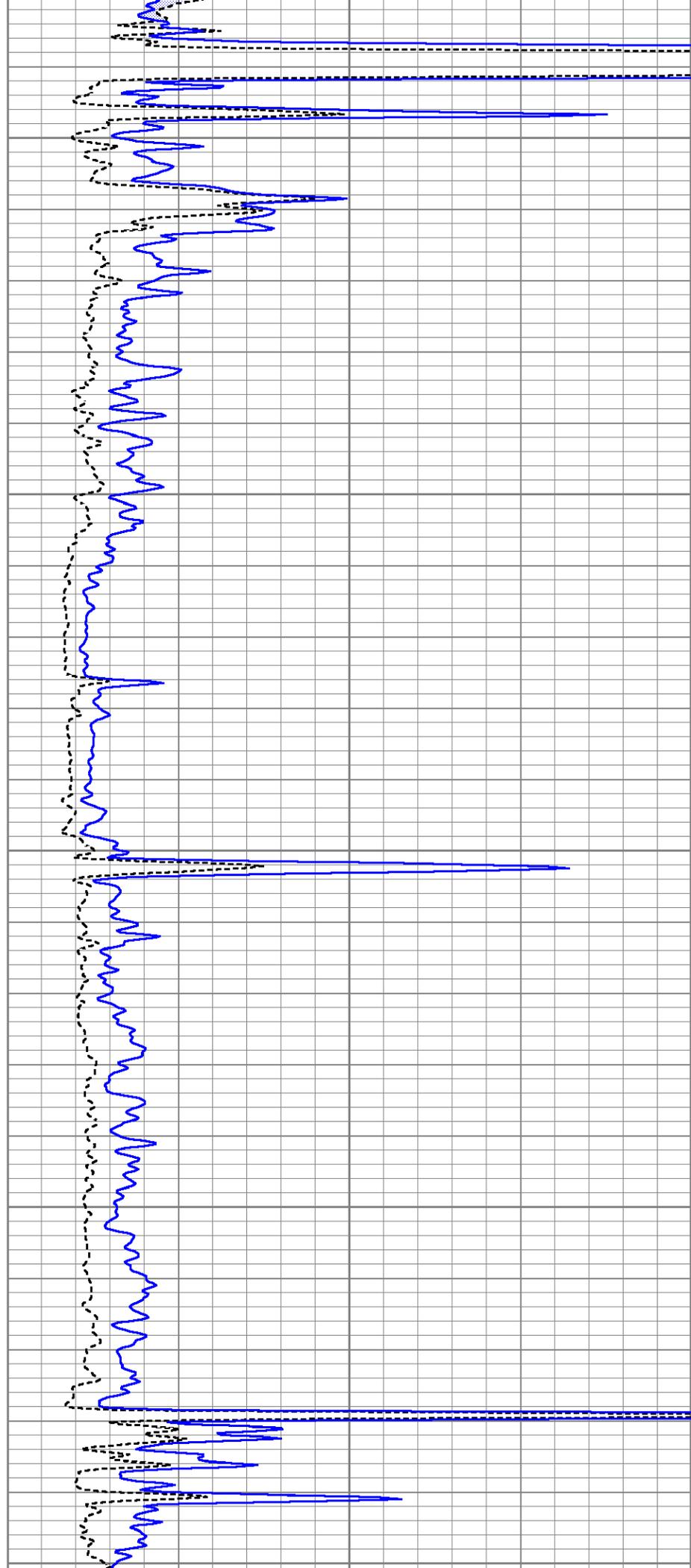
2150

2200

2250

2300

2350



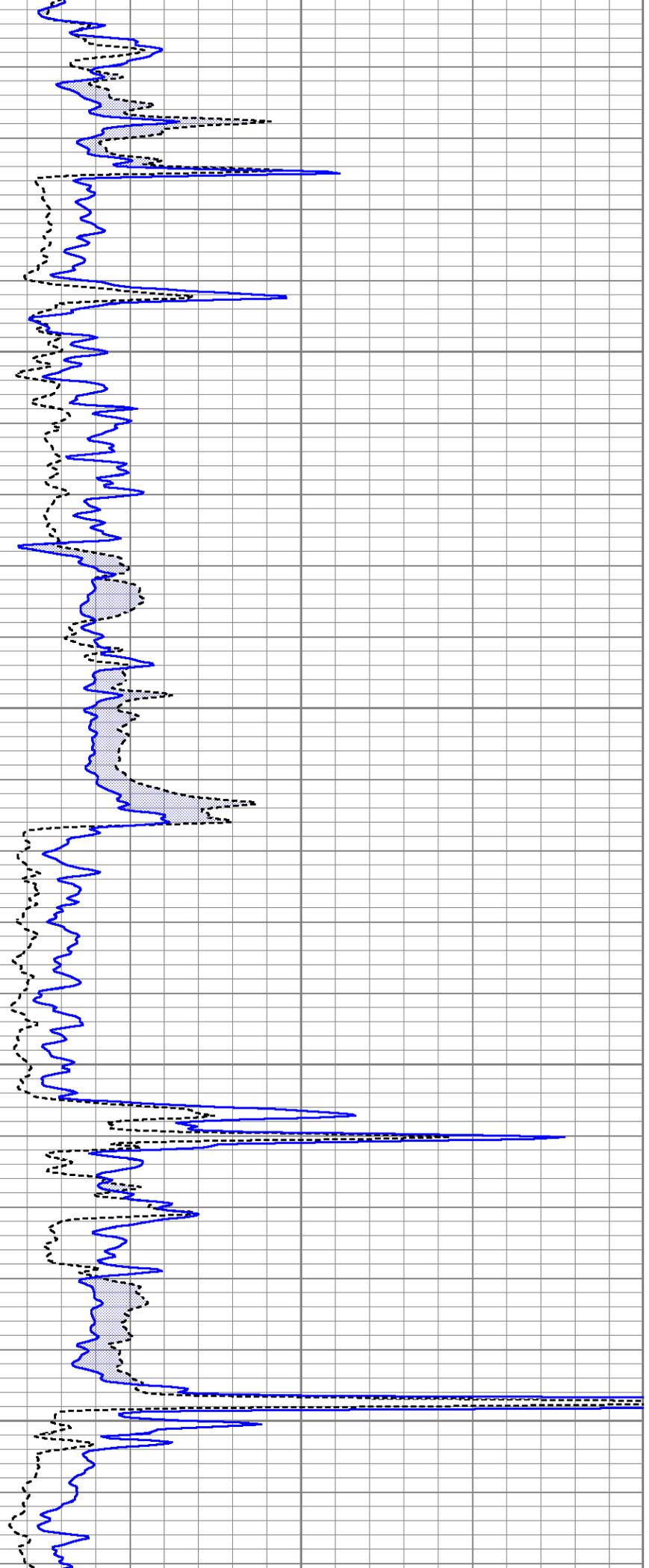
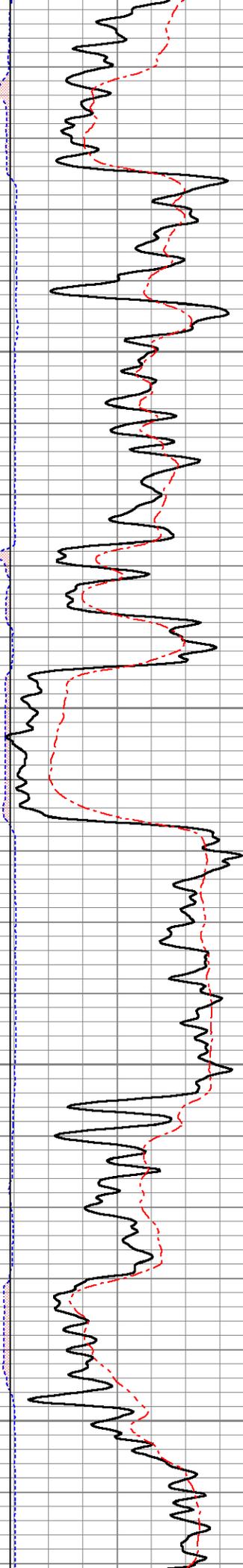
2350

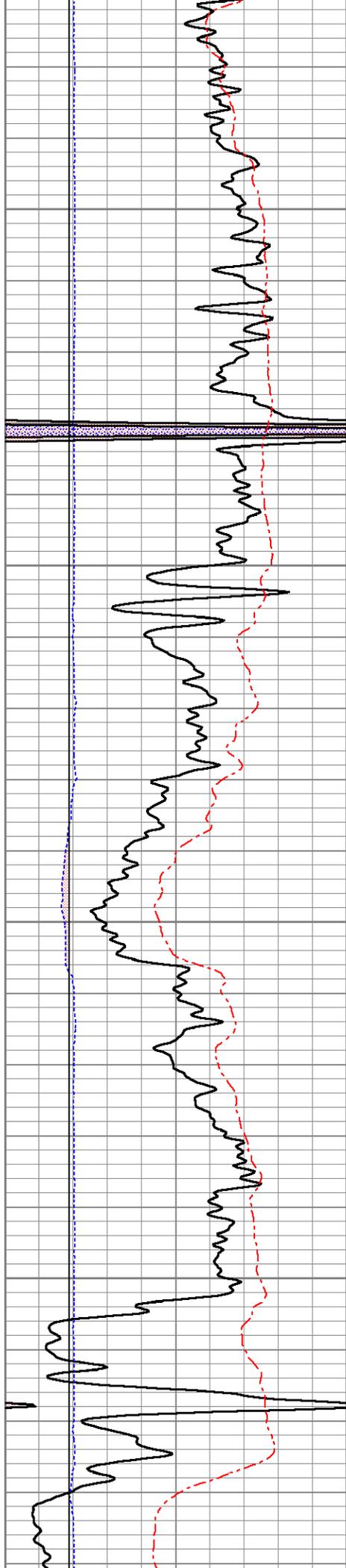
2400

2450

2500

2550



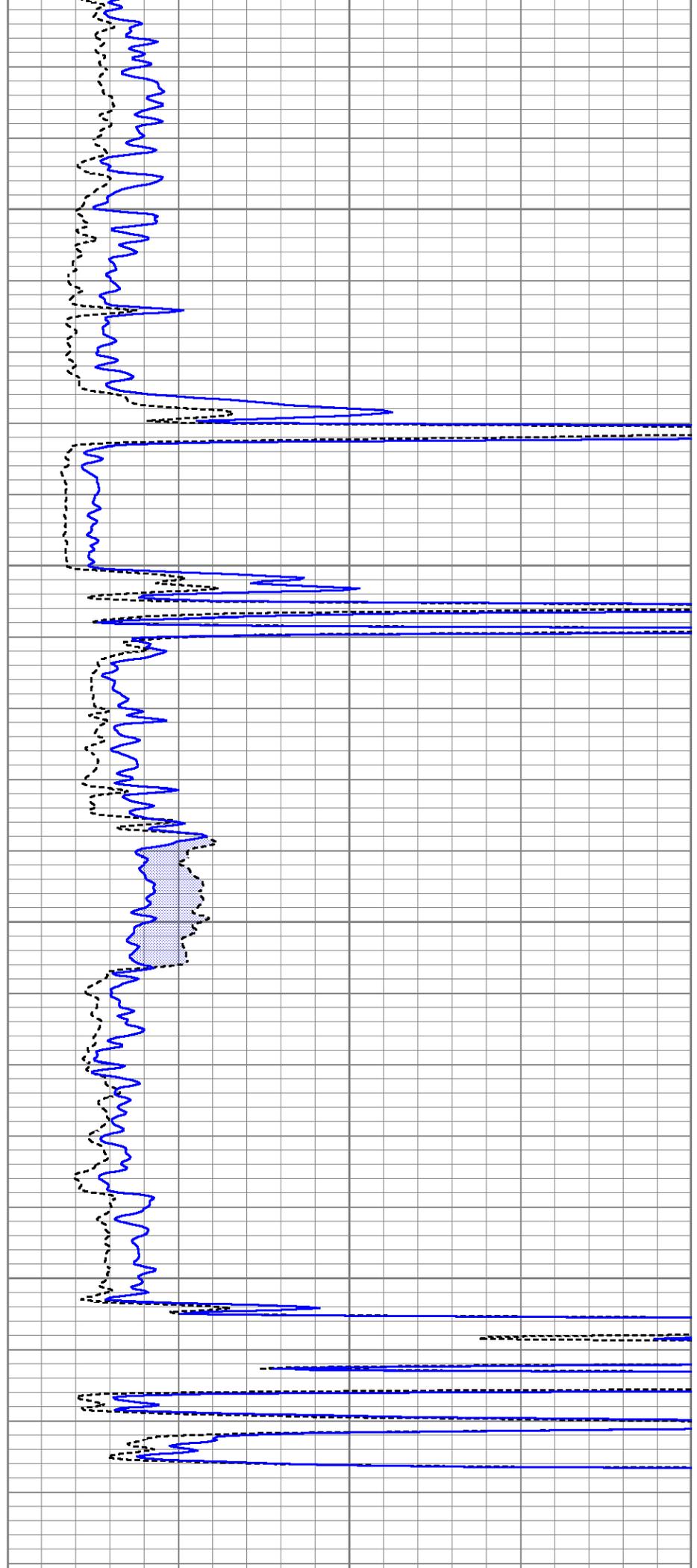


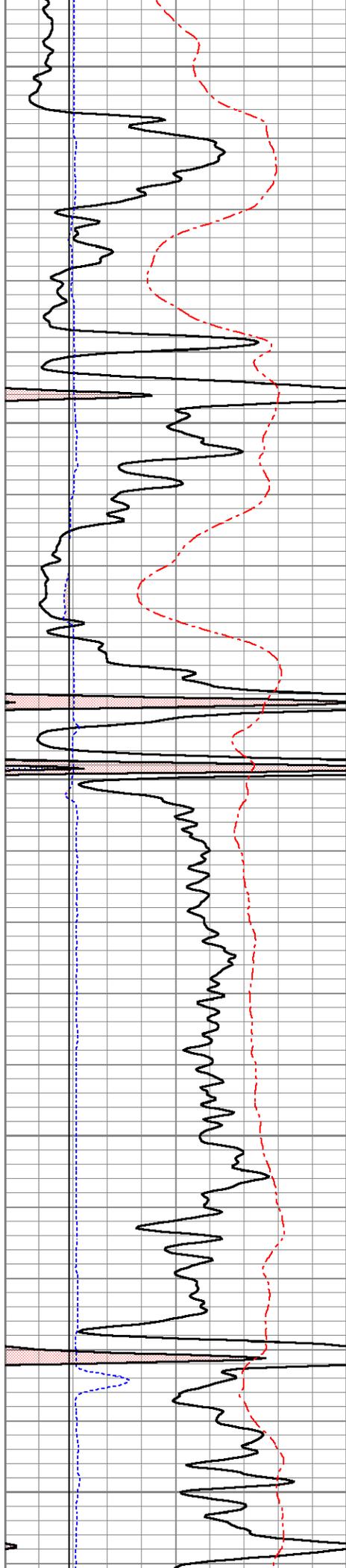
2600

2650

2700

2750





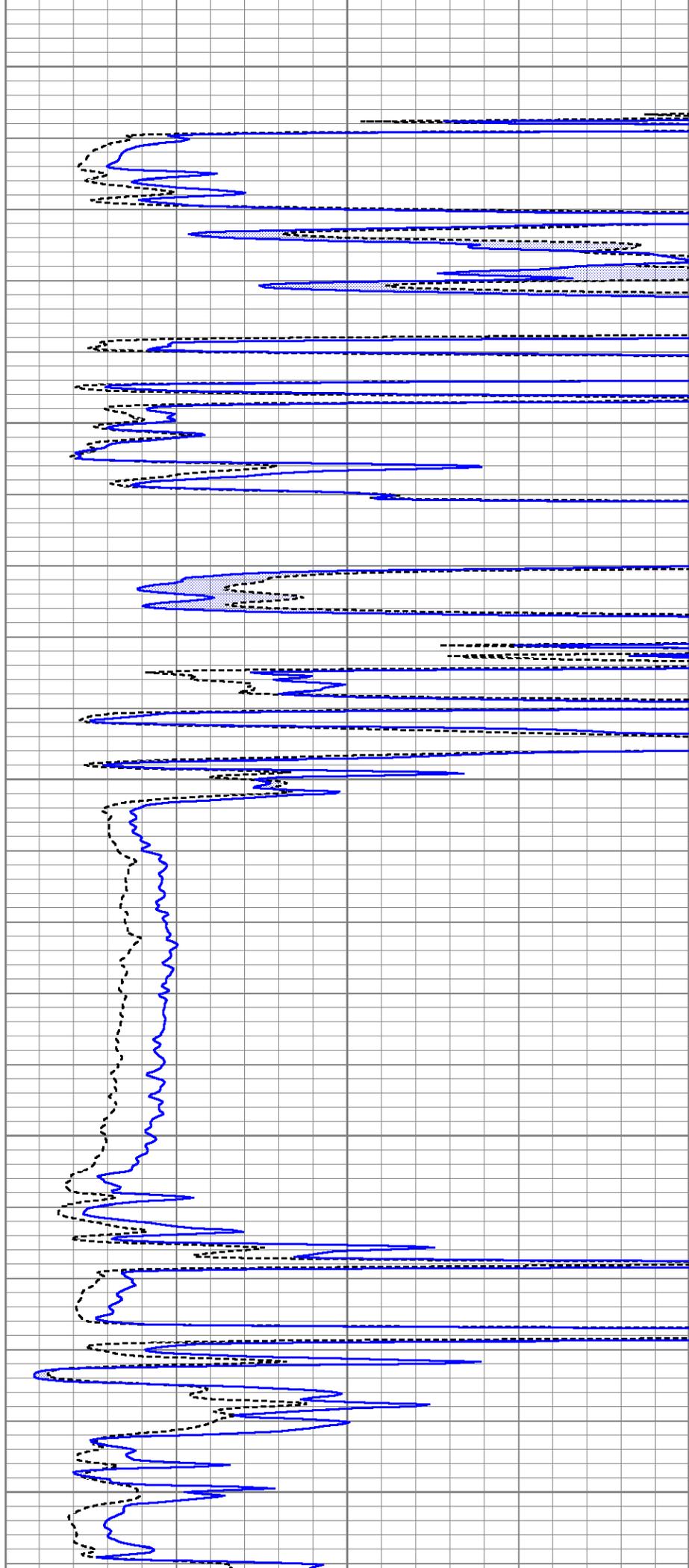
2800

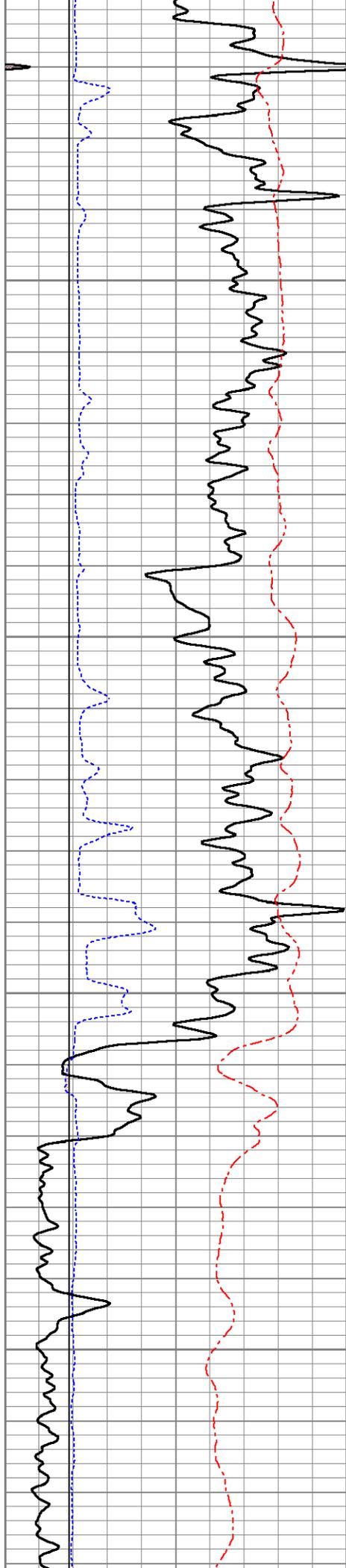
2850

2900

2950

3000



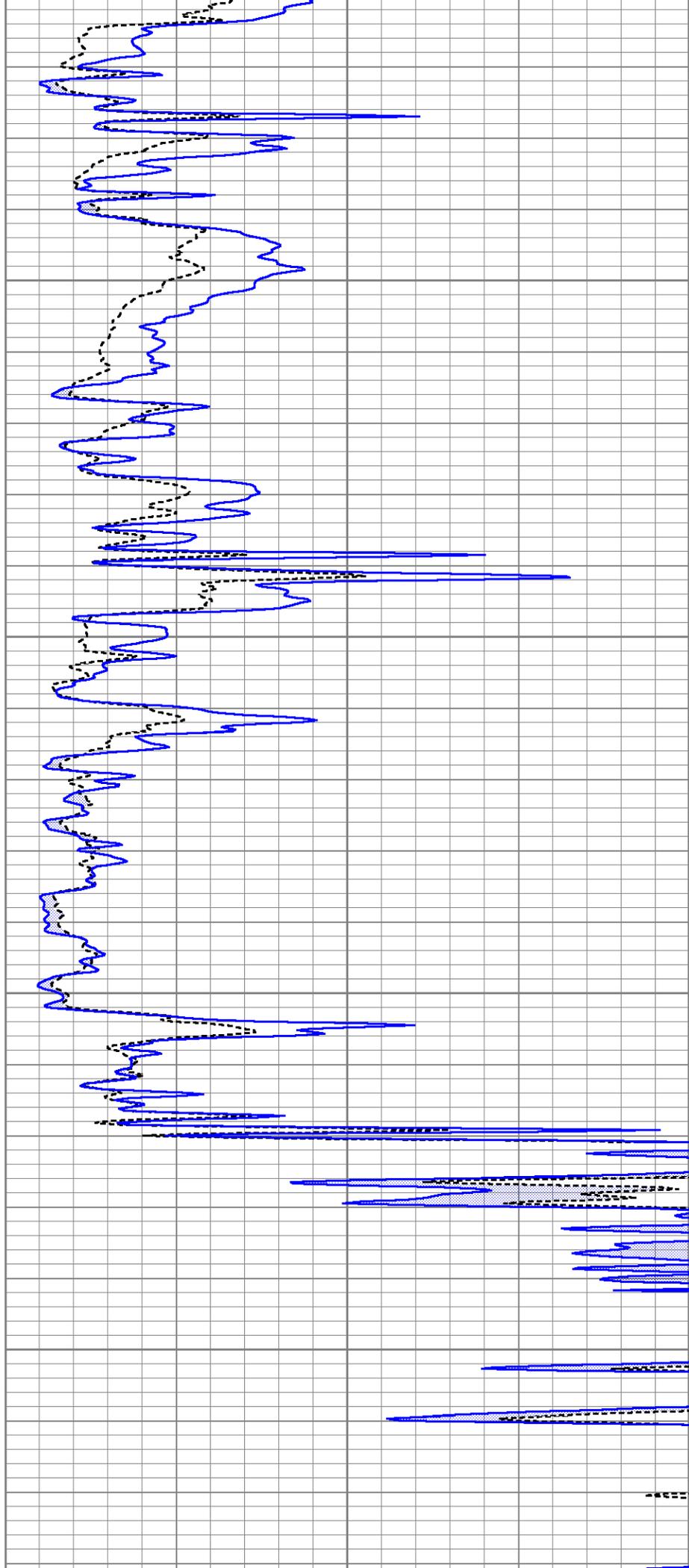


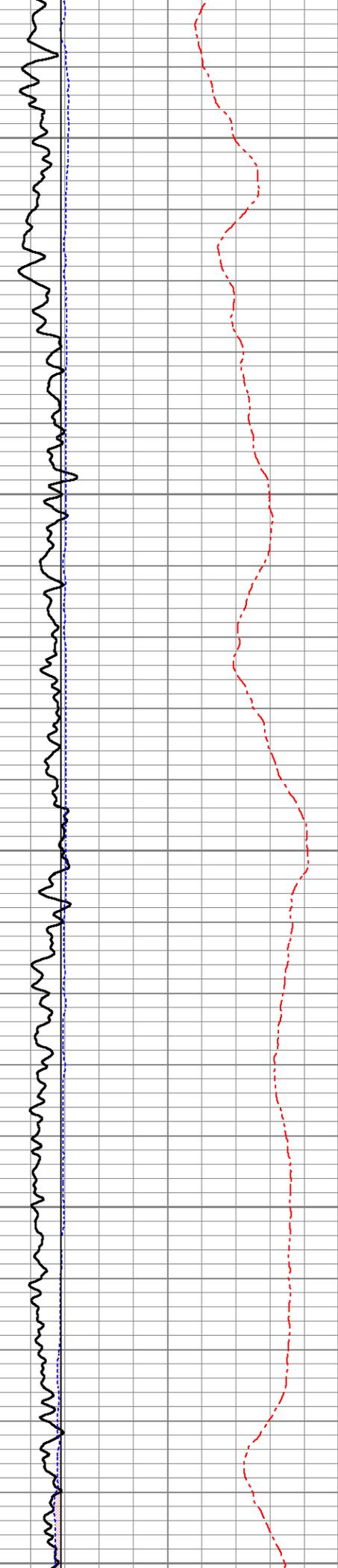
3050

3100

3150

3200





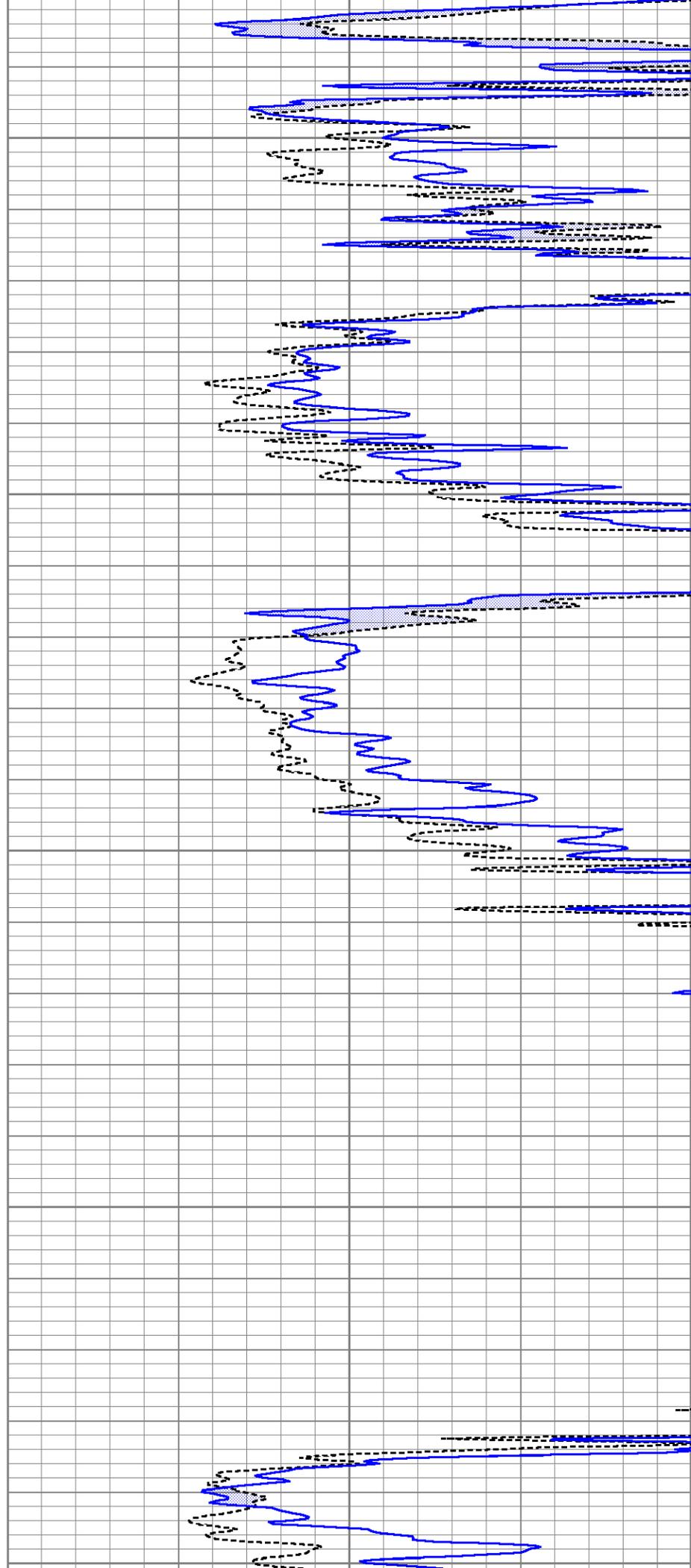
3250

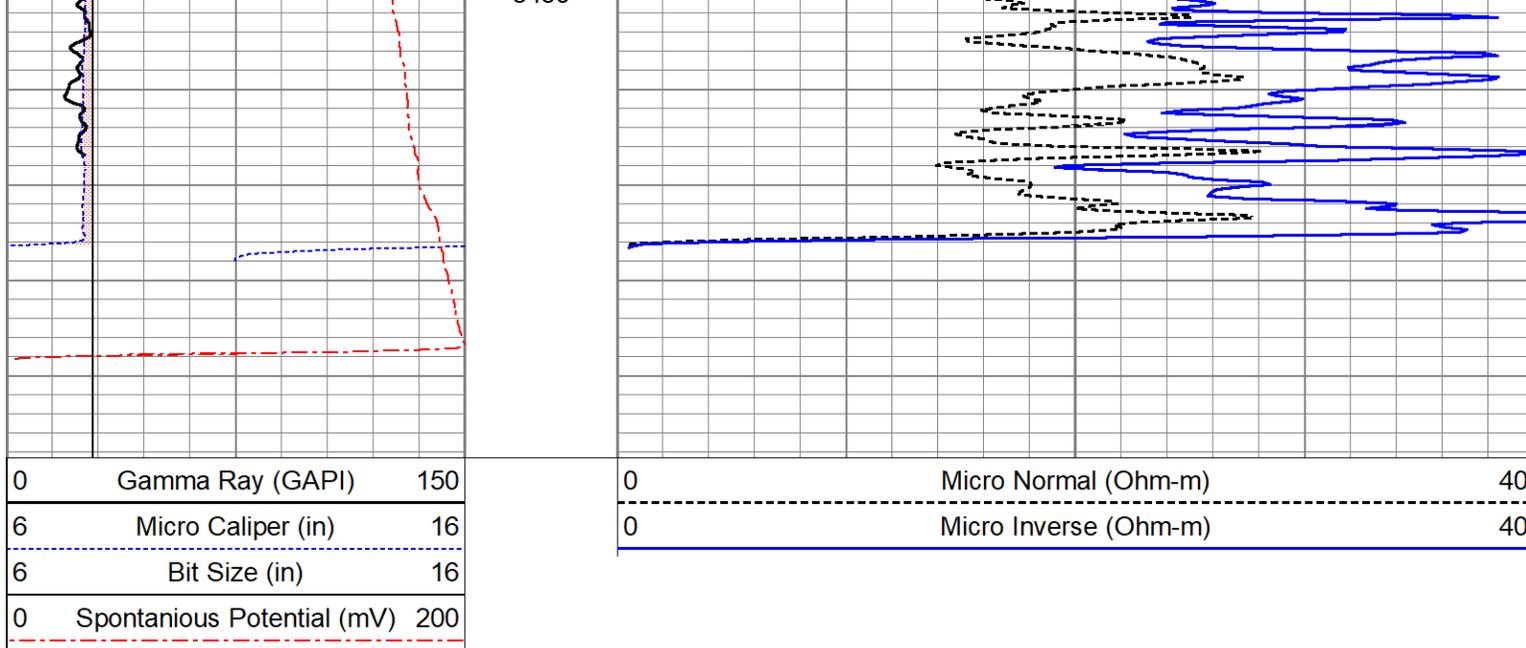
3300

3350

3400

3450





Database File		ow2-9238 val energy.db	
Dataset Pathname		pass3.13	
Dataset Creation		Sat Nov 18 04:12:15 2023	

Calibration Report

Dual Induction Calibration Report

Serial-Model: RedTool-G
 Surface Cal Performed: Sun Nov 5 11:22:14 2023
 Downhole Cal Performed: Tue Nov 17 10:50:14 2020
 After Survey Verification Performed: Tue Nov 17 10:50:14 2020

Surface Calibration

Loop:	Readings			References			Results	
	Air	Loop	V	Air	Loop	mmho/m	m	b
Deep	0.007	0.642	V	2.000	340.000	mmho/m	532.393	-1.685
Medium	0.010	0.728	V	4.000	420.000	mmho/m	578.792	-1.606
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.642	V	0.000	350.000	mmho/m	550.717	-3.768
Medium	0.010	0.729	V	0.000	550.000	mmho/m	764.510	-7.354

Downhole Calibration

	Readings			References			Results	
	Zero	Cal	mmho/m	Zero	Cal	mmho/m	m'	b'
Deep	-2.869	354.028	mmho/m	-0.044	350.323	mmho/m	0.982	2.773
Medium	-3.741	414.629	mmho/m	-0.037	400.340	mmho/m	0.957	3.543
LL3		9.500	V		2000.000	Ohm-m		
		0.000	V		25.000	Ohm-m		
		-9.500	V		4500.000	mmho-m		

After Survey Verification

	Readings			Targets			Results	
	Zero	Cal	mmho/m	Zero	Cal	mmho/m	m'	b'
Deep	0.000	0.000	mmho/m	-2.869	354.028	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	-3.741	414.629	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		2.000	Ohm-m		
		0.000	Ohm-m		500.000	Ohm-m		

0.000 mmho-m

1.000 mmho-m

Microlog Calibration Report

Serial-Model:
Performed:070527-Osage
Fri Dec 30 12:51:40 2022

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	-0.0028	0.0887	V	0.0000	10.0000	Ohm-m	109.2780	0.3082
Inverse	-0.0060	0.1128	V	0.0000	10.0000	Ohm-m	84.1776	0.5012
Caliper	1.7618	4.3262	V	5.1500	11.2500	in	2.3788	0.9590

Gamma Ray Calibration Report

Serial Number: Refurb01
 Tool Model: OSAGE_01
 Performed: Mon Jan 18 09:02:16 2021

Calibrator Value: 150.0 GAPI

Background Reading: 125.0 cps
 Calibrator Reading: 875.0 cps

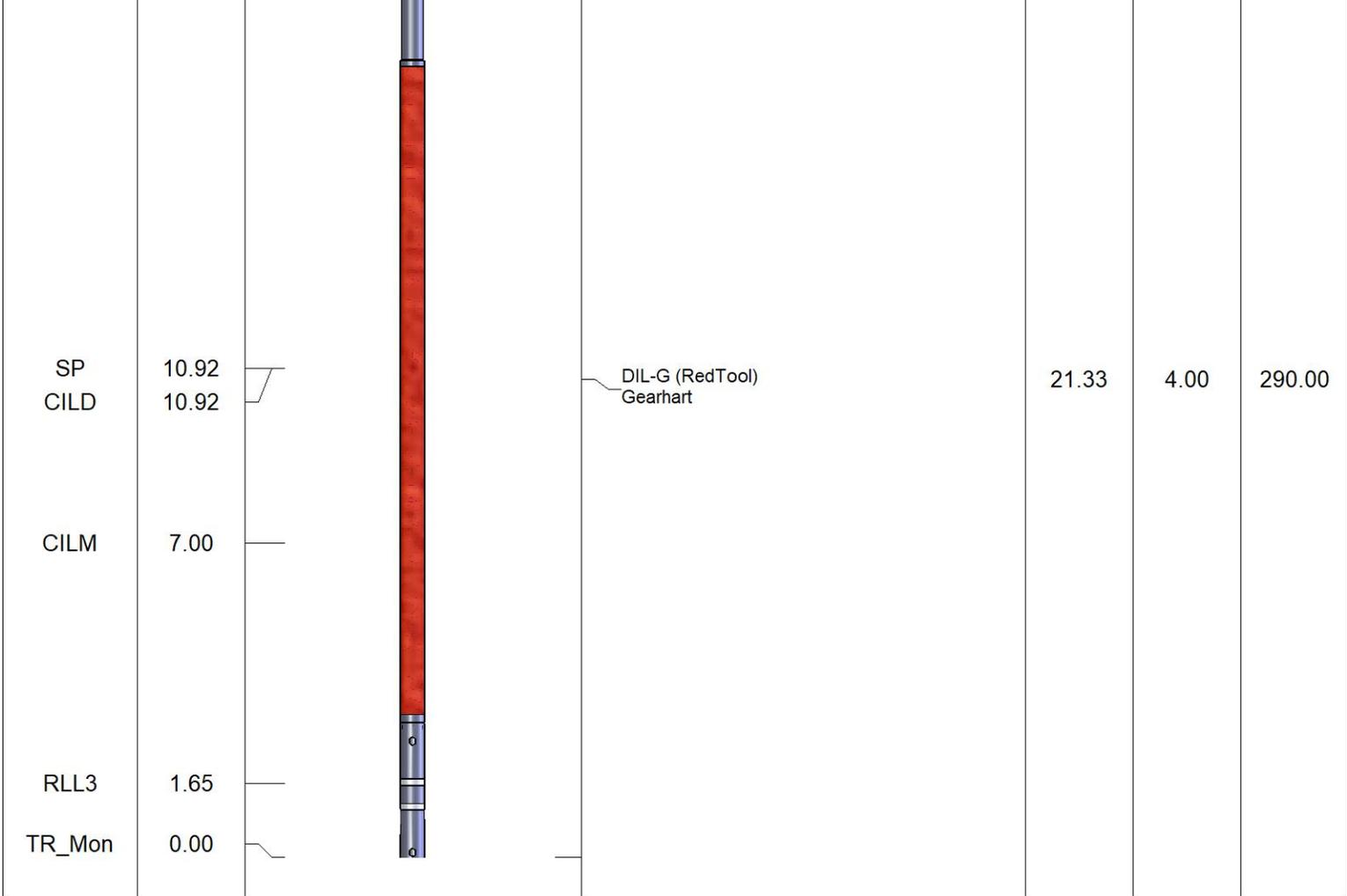
Sensitivity: 0.2000 GAPI/cps

Inclinometer Calibration Report

Performed: Mon Aug 21 11:21:13 2023

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	205.00	1843.00	-1.00	1.00	gee
Y Accelerometer	205.00	1843.00	-1.00	1.00	gee
Z Accelerometer					gee

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
ACCY	31.04		ADMYR_TELEMETRY-OSAGE_01 (Refurb01) Admyr Telemetry With Gr. Deviation, ADC board and Pulses Board in it.	3.69	3.25	53.00
ACCX	31.04					
GR	29.86					
FRAMES	28.54		MICRO_DIG-Osage (070527) Digital Microlog	7.21	5.13	137.00
SSTAT	28.54					
PSTAT	28.54					
ASTAT	28.54					
MI	23.00					
MN	23.00					
MCAL	22.00					
ASTAT2	21.33					



Dataset: ow2-9238 val energy.db: field/well/run1/pass3.13
 Total length: 32.23 ft
 Total weight: 480.00 lb
 O.D.: 5.13 in