



Pioneer Energy Services

Dual Induction Log

API No.

15-109-21,156-00-00

Company Brito Oil Company, Inc.

Well Fairleigh "G" No.1-19

Field Wildcat

County Logan State Kansas

Location 400' FNL & 990' FEL

Sec: 19 Twp: 15S Rge: 32W

Permanent Datum Ground Level Elevation 2791
Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Other Services
CNL/CDL
MEL

Elevation
K.B. 2800
D.F. 2791
G.L. 2791

Date 2/27/2013

Run Number One

Depth Driller 4540

Depth Logger 4545

Bottom Logged Interval 4544

Top Log Interval 200

Casing Driller 8.625 @ 236

Casing Logger 236

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity,ppm CL 4,000

Density / Viscosity 9.4 56

pH / Fluid Loss 9.0 10.4

Source of Sample Flowline

Rm @ Meas. Temp .46 @ 52

Rmf @ Meas. Temp .35 @ 52

Rmc @ Meas. Temp .62 @ 52

Source of Rmf / Rmc Charts

Rm @ BHT .2 @ 121

Operating Rig Time 4 Hours

Max Rec. Temp. F 121

Equipment Number 17

Location Hays

Recorded By C. Desaire

Witnessed By Kevin Kessler

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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

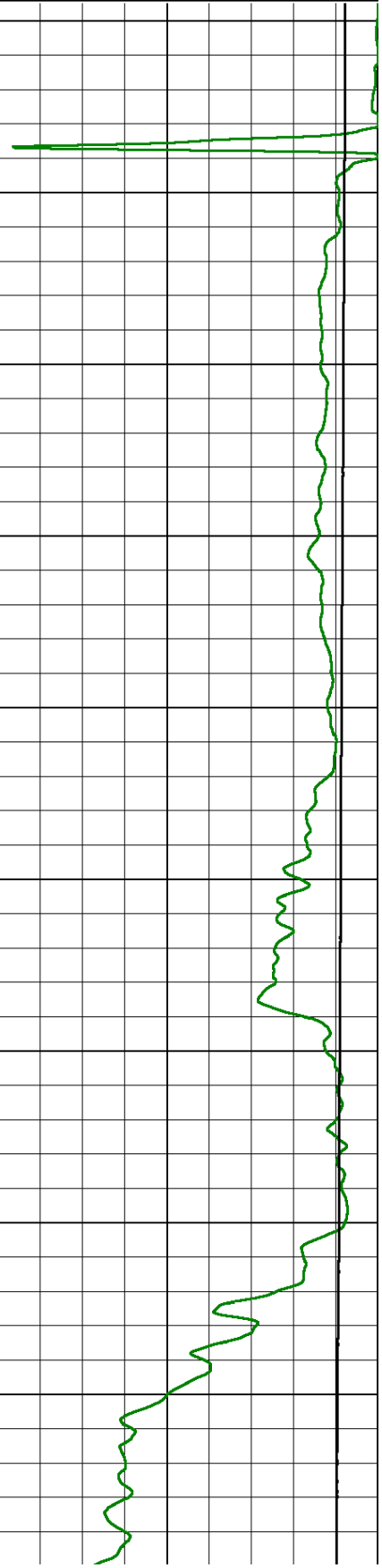
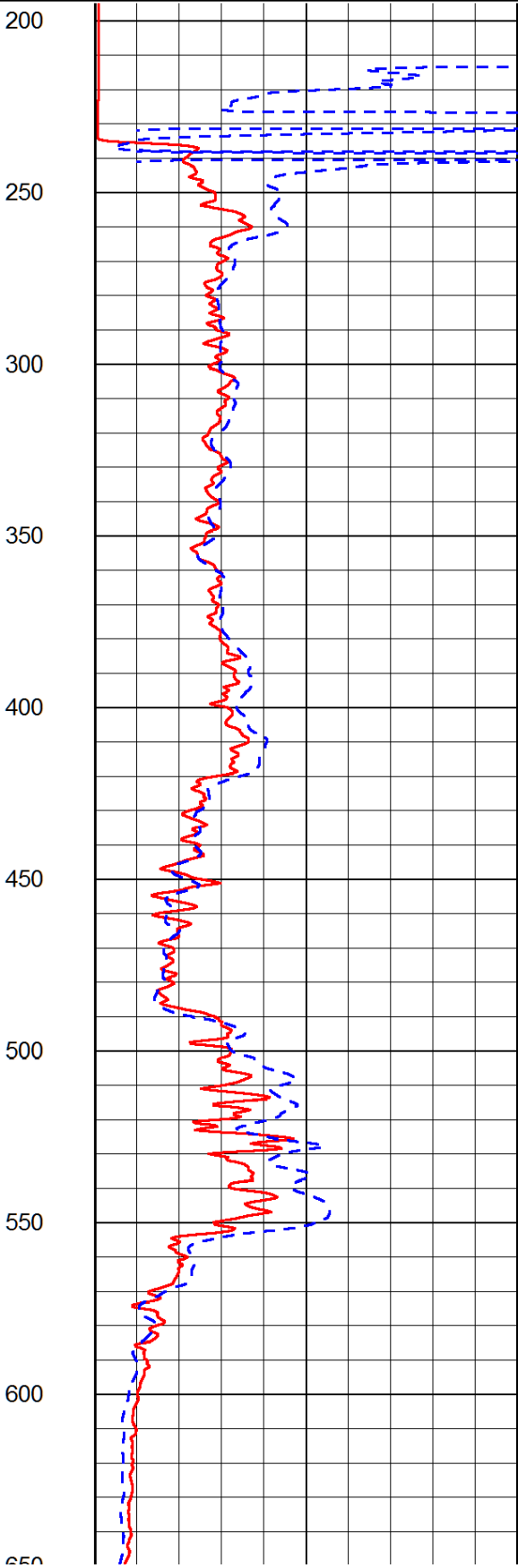
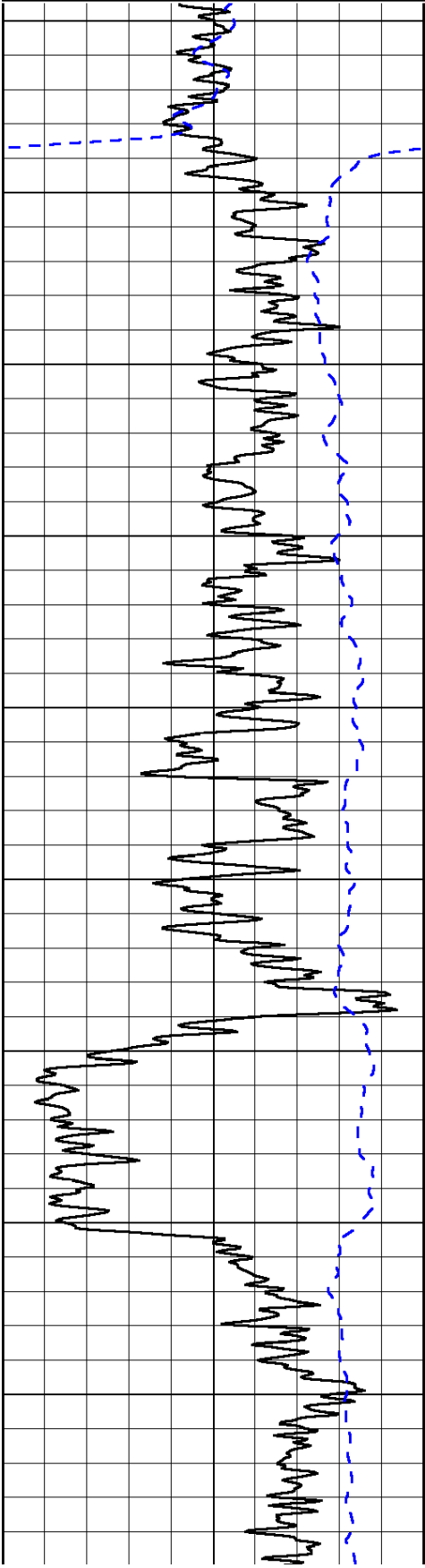
Thank you for using Log-Tech, Inc.
(785) 625-3858

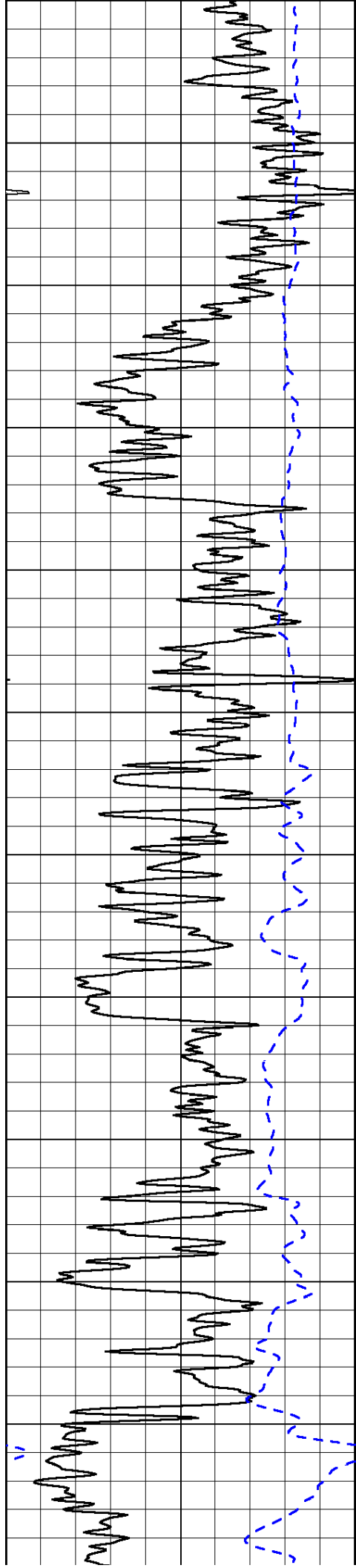
Oakley KS, S to Gold Rd, 4 1/2 W, 2 S to Tank Batt,
1 1/2 E, S between fences to the second gate, E along fence

Database File: britohd.db
Dataset Pathname: dil/britstk
Presentation Format: dil2in
Dataset Creation: Wed Feb 27 13:25:04 2013
Charted by: Depth in Feet scaled 1:600

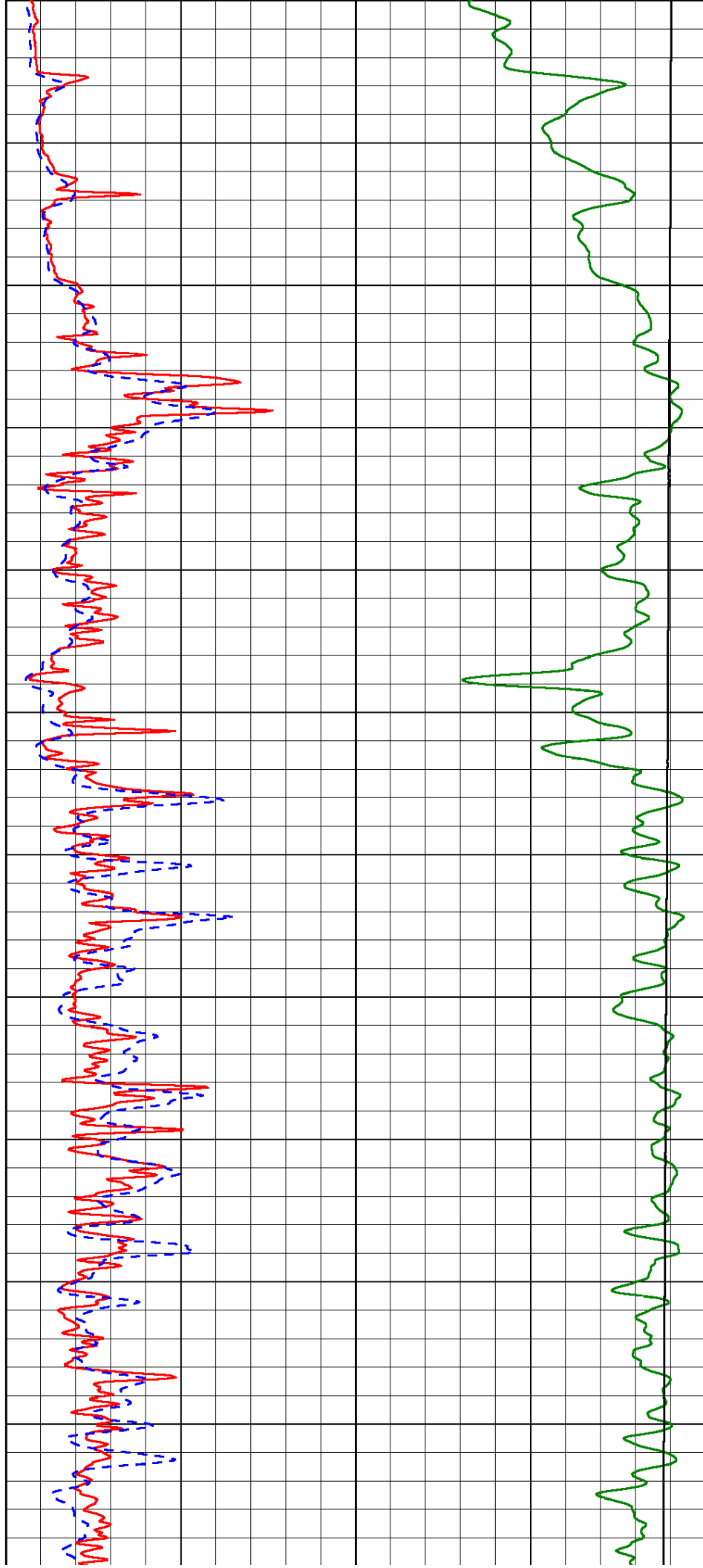
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-200	SP (mV)	0

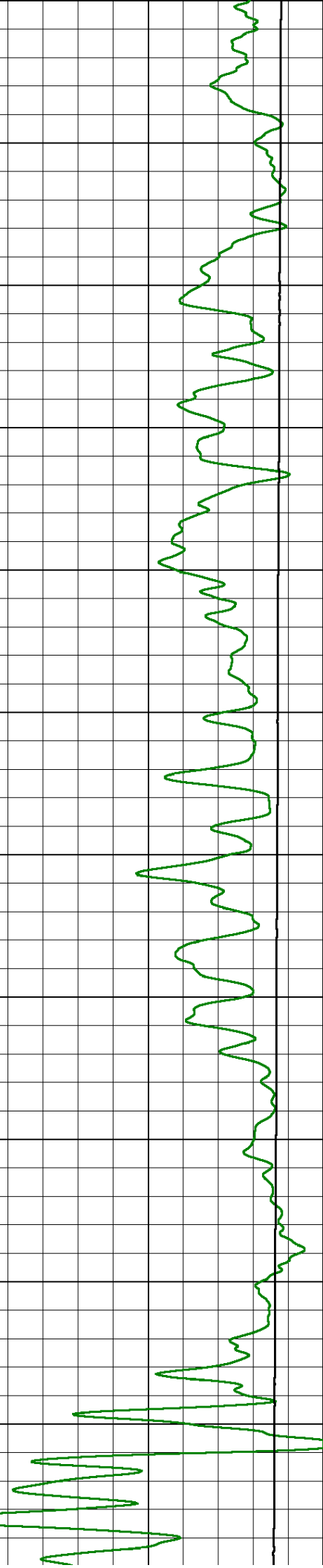
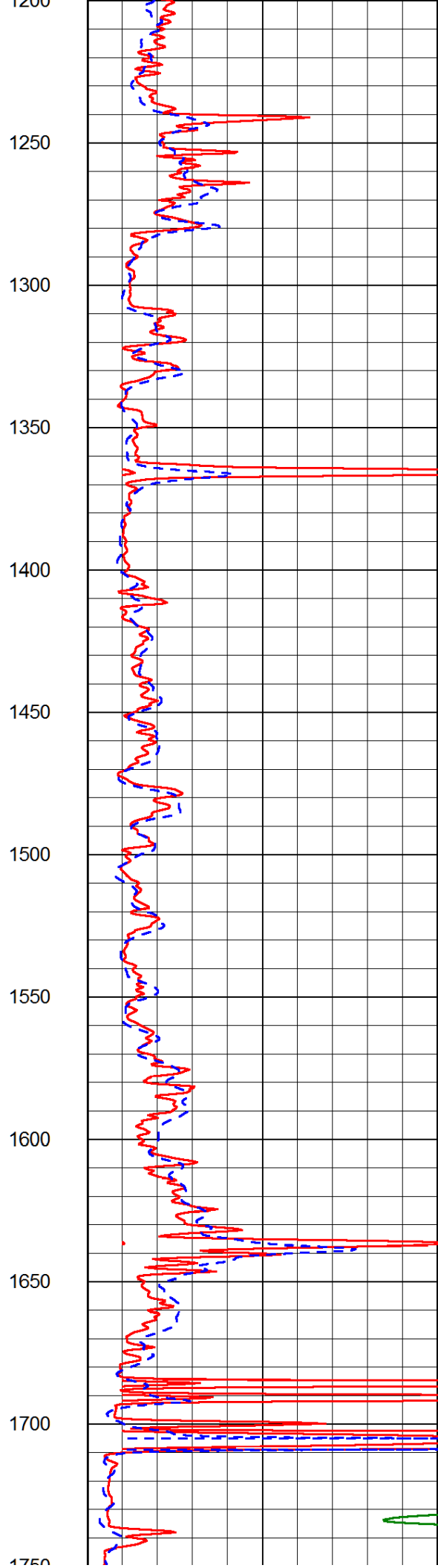
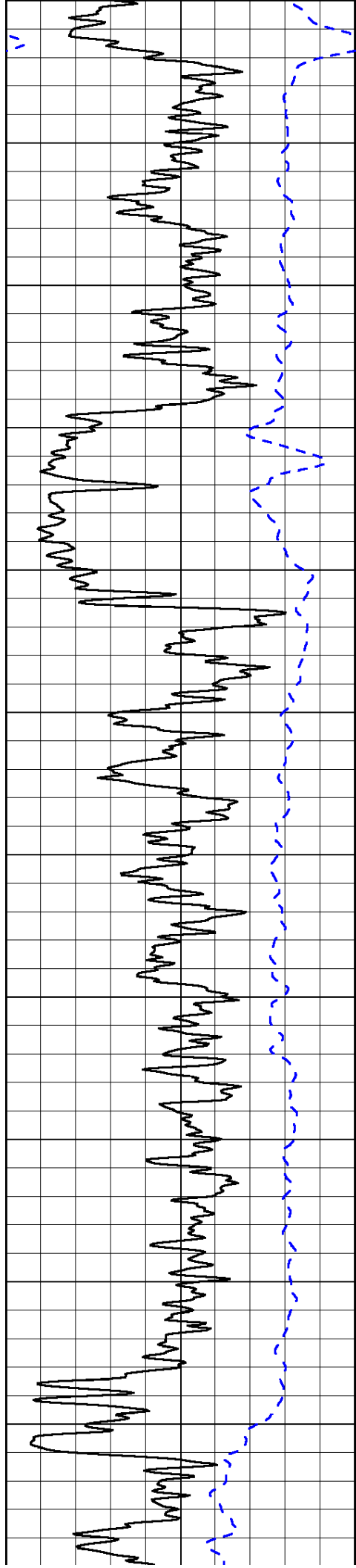
0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (Ohm-m)	0
15000	Line Tension (lb)	0
50	Shallow Resistivity (Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500

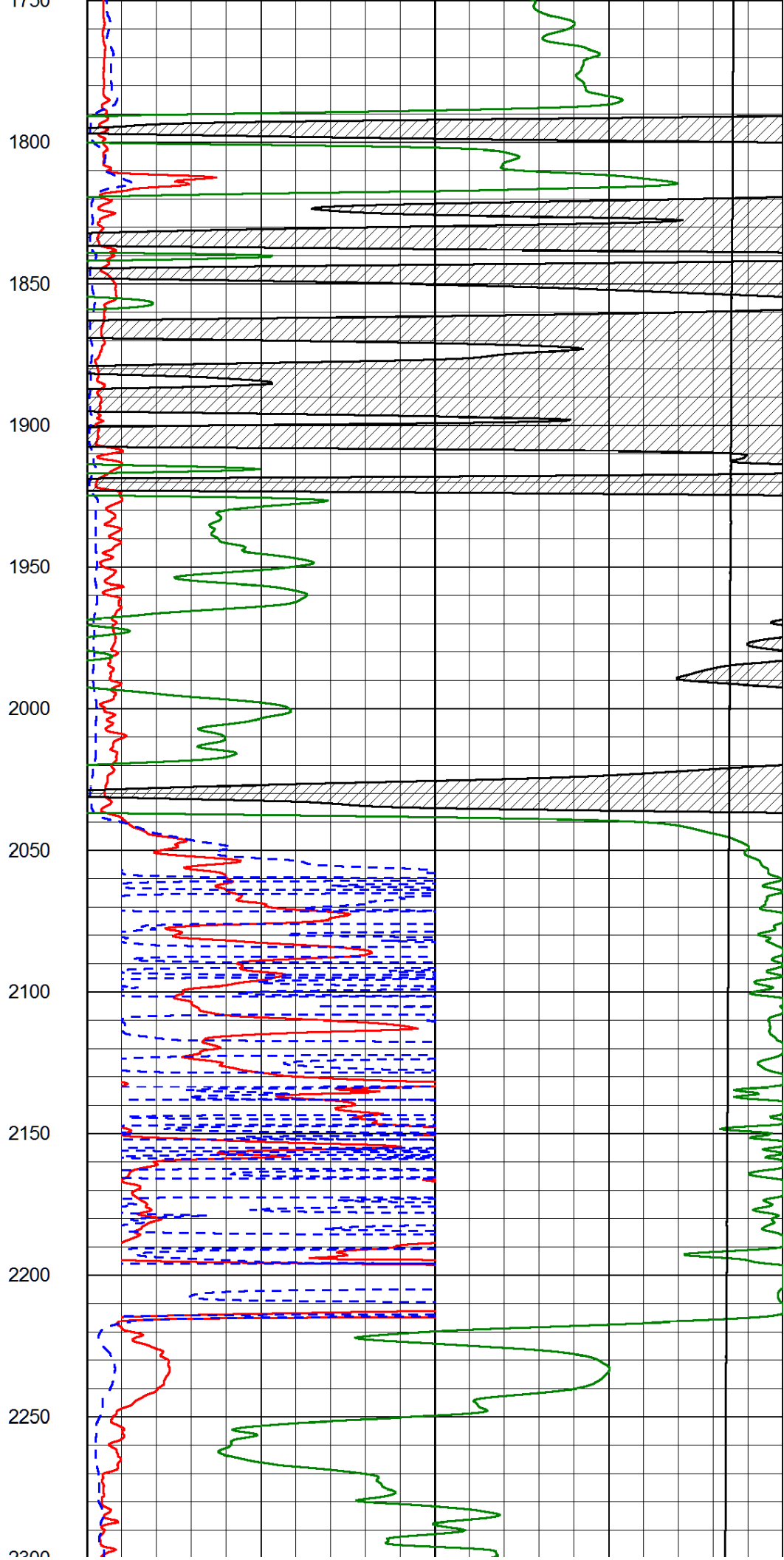
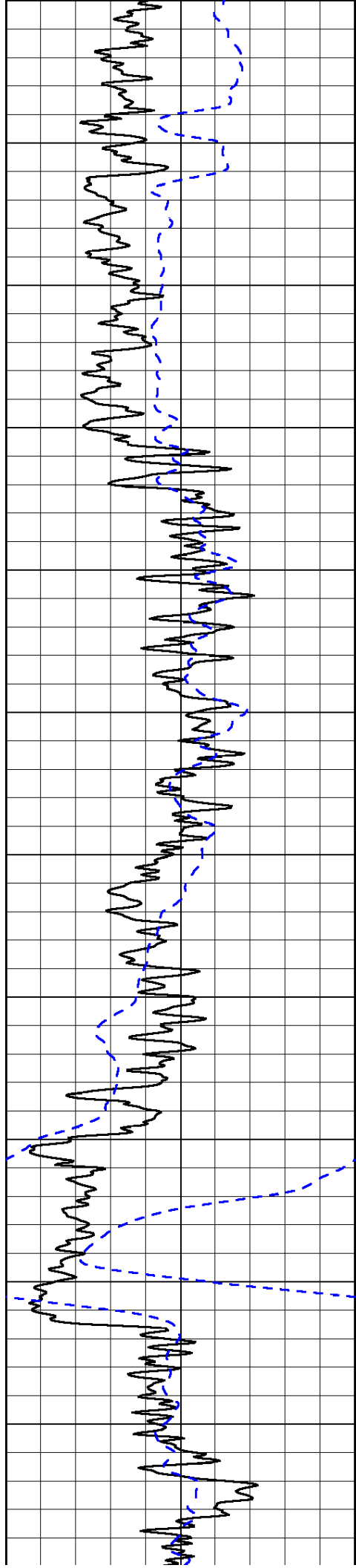


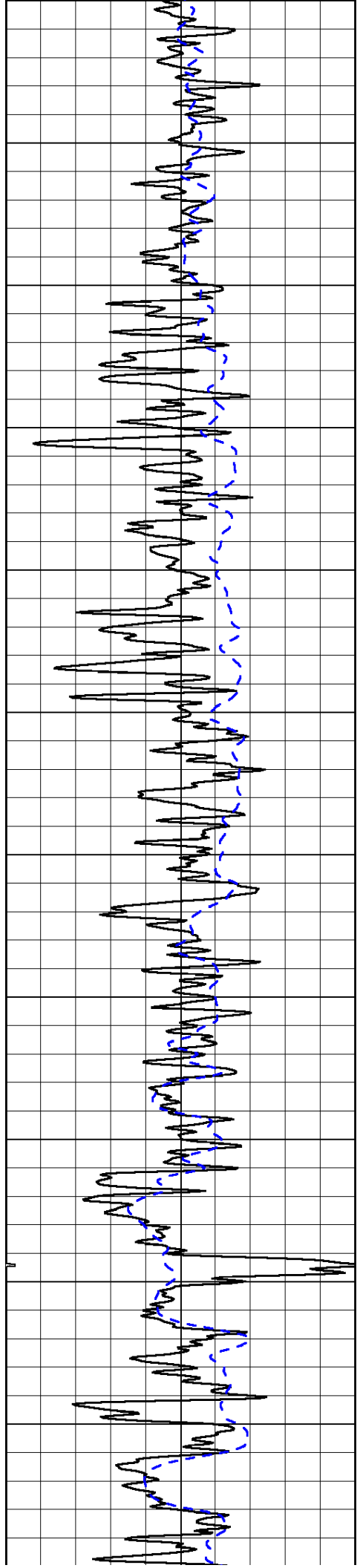
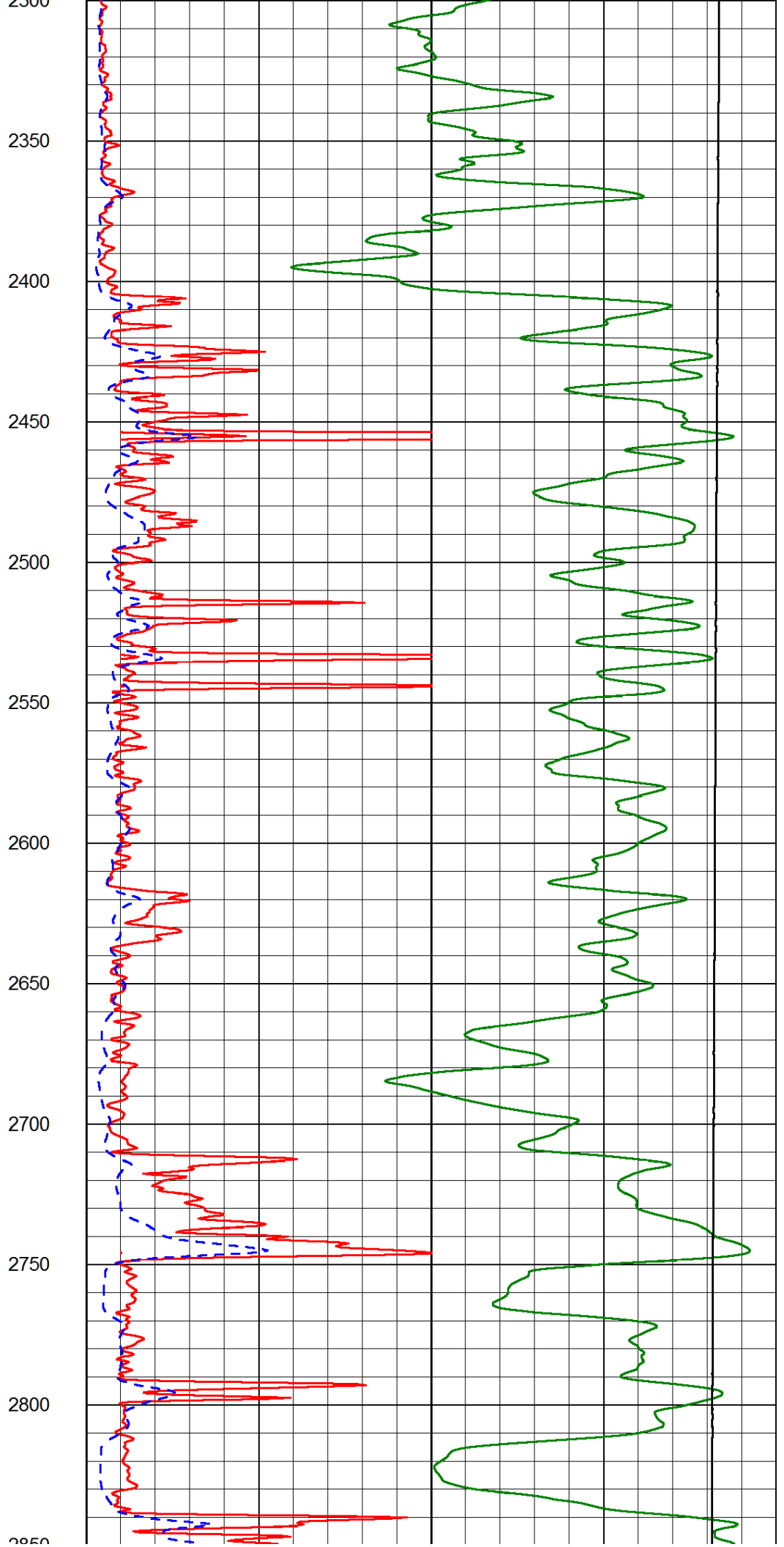


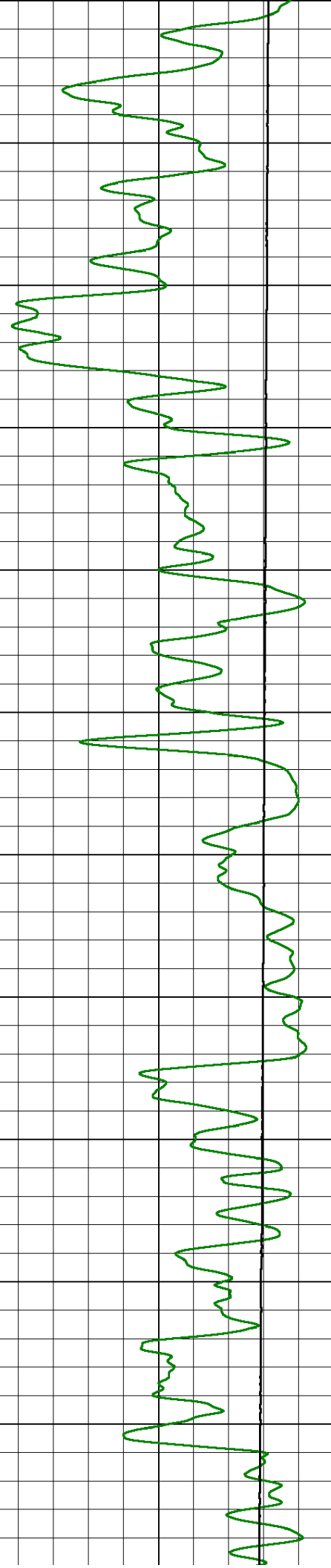
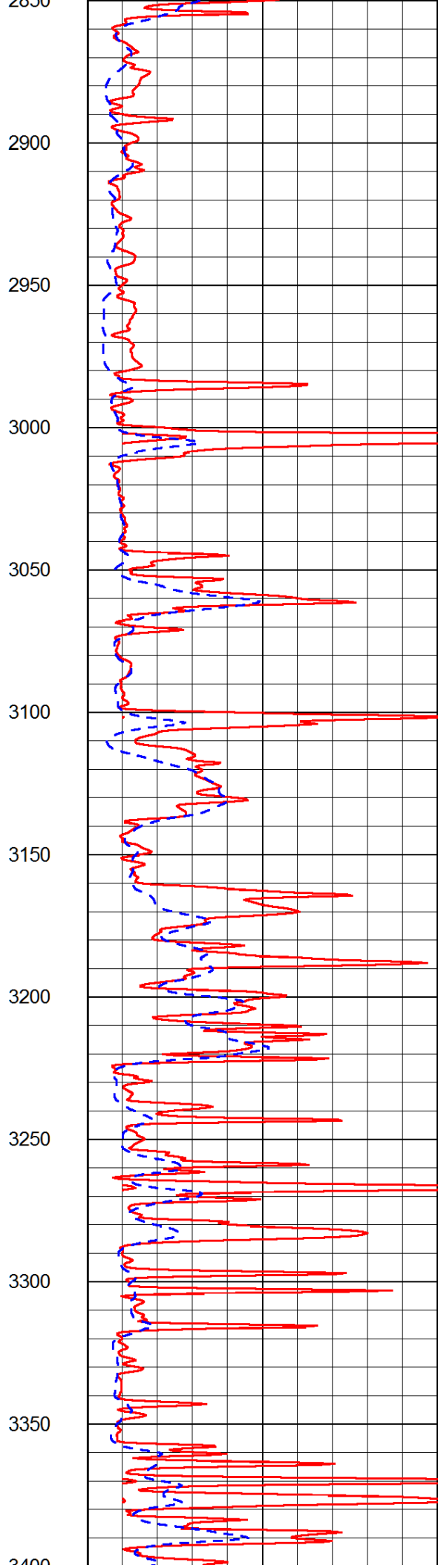
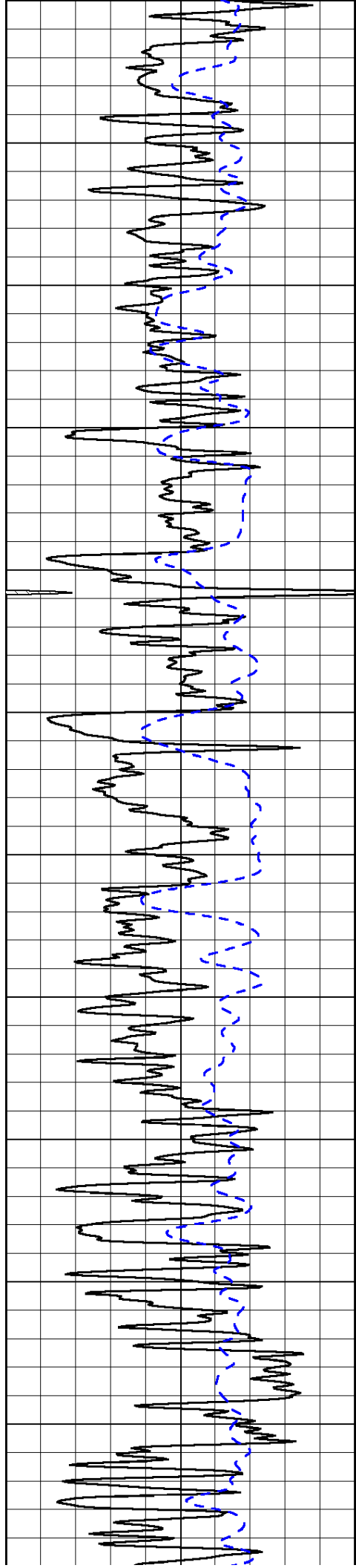
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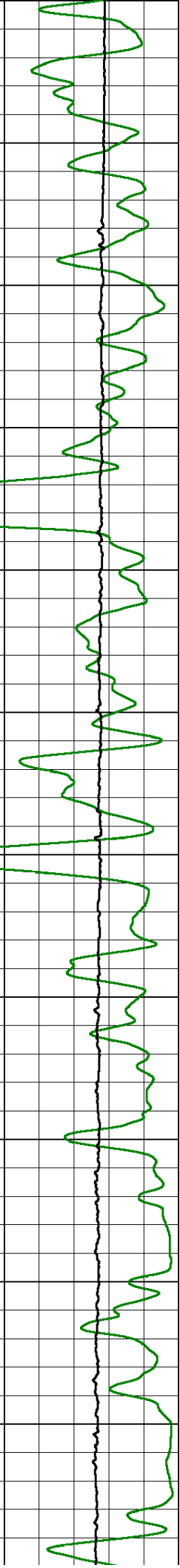
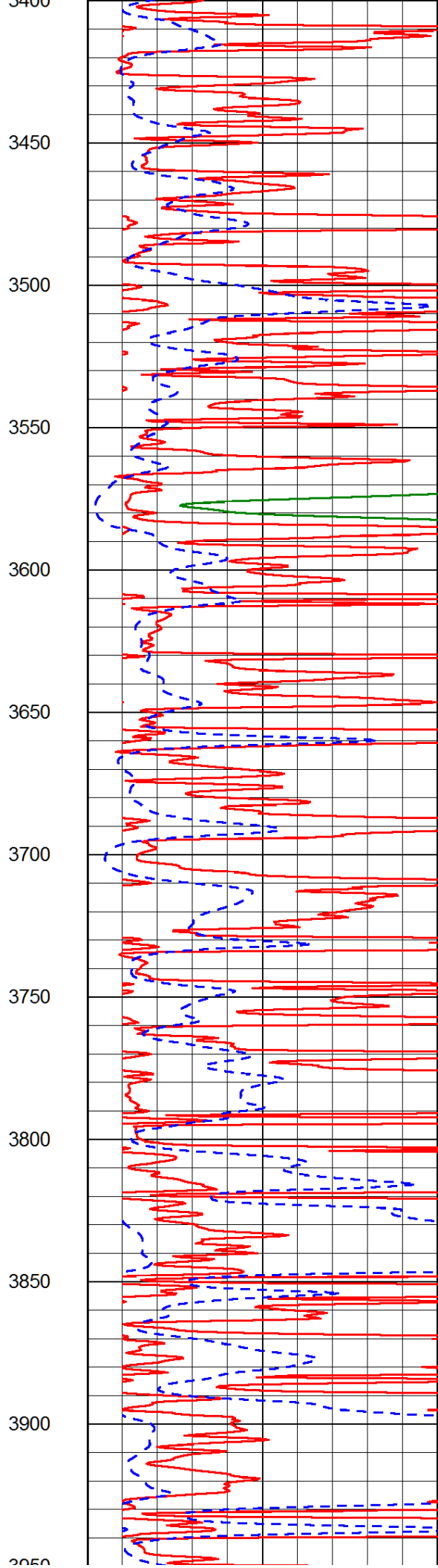
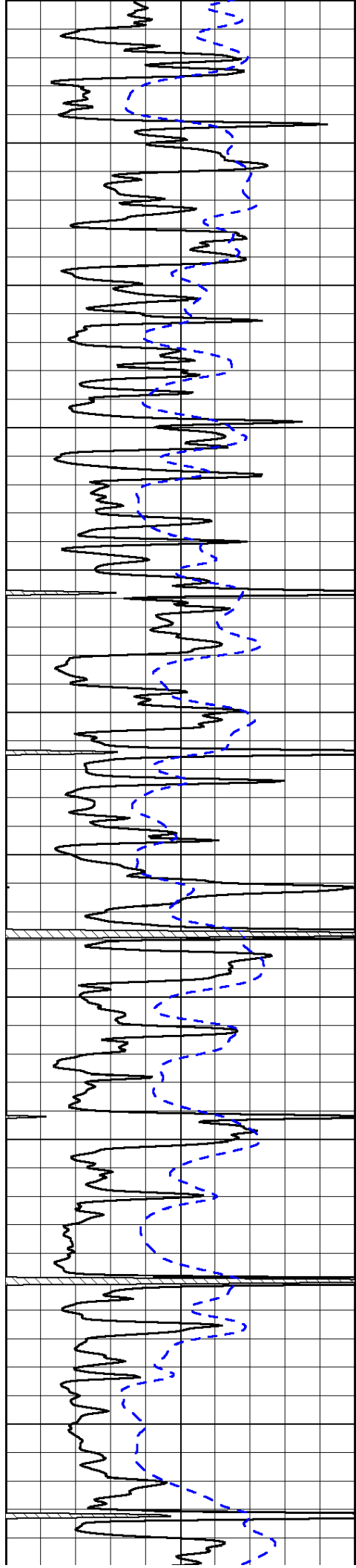


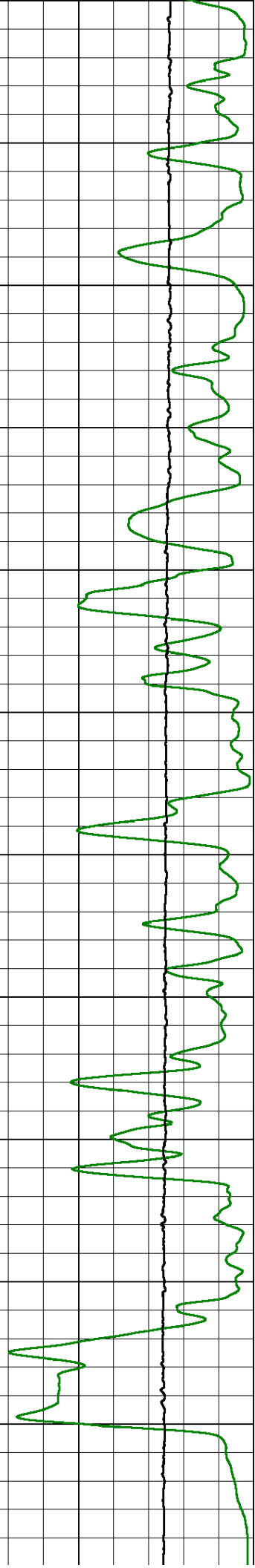
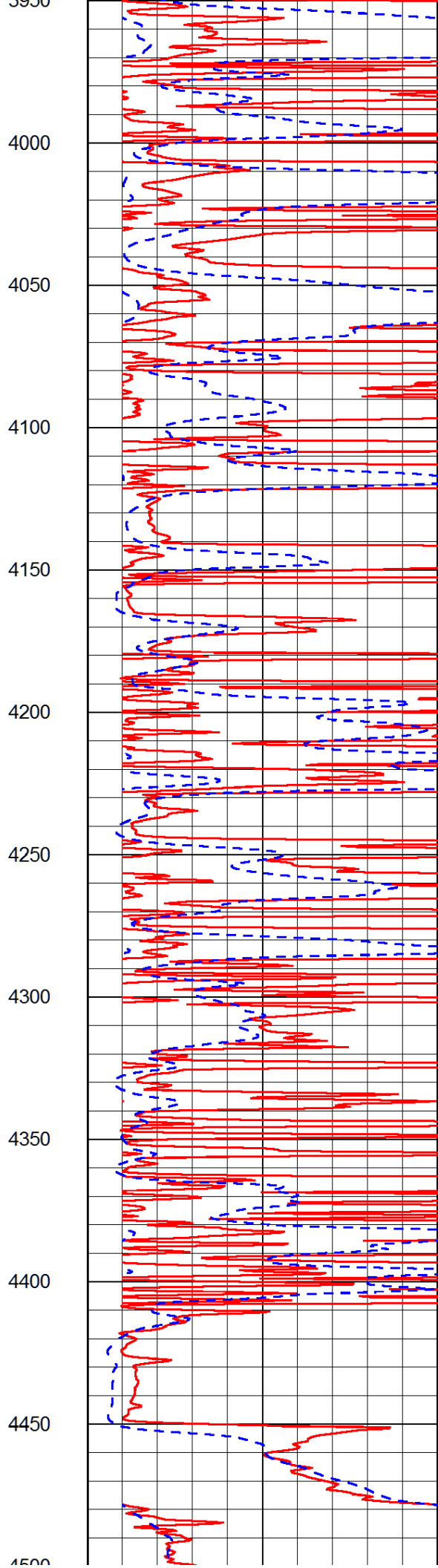
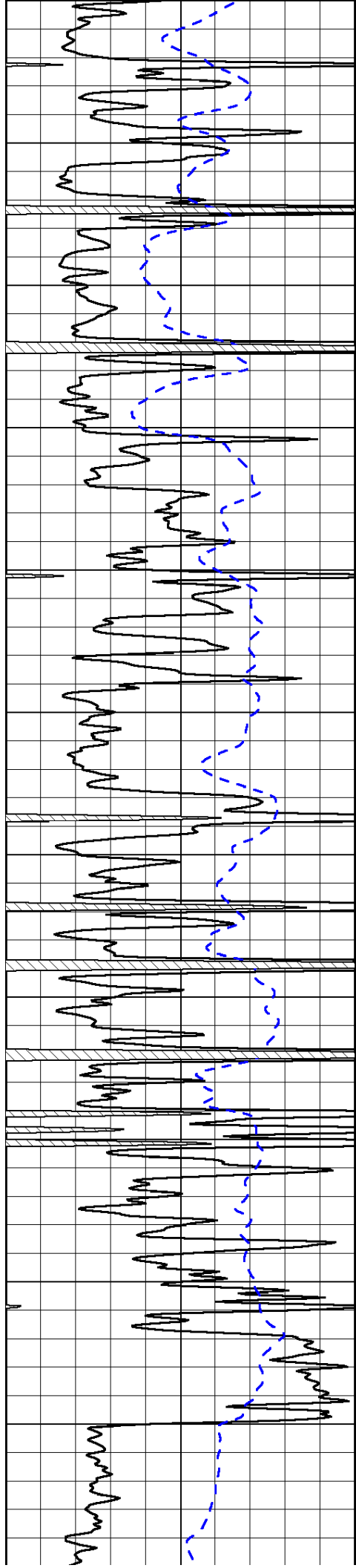


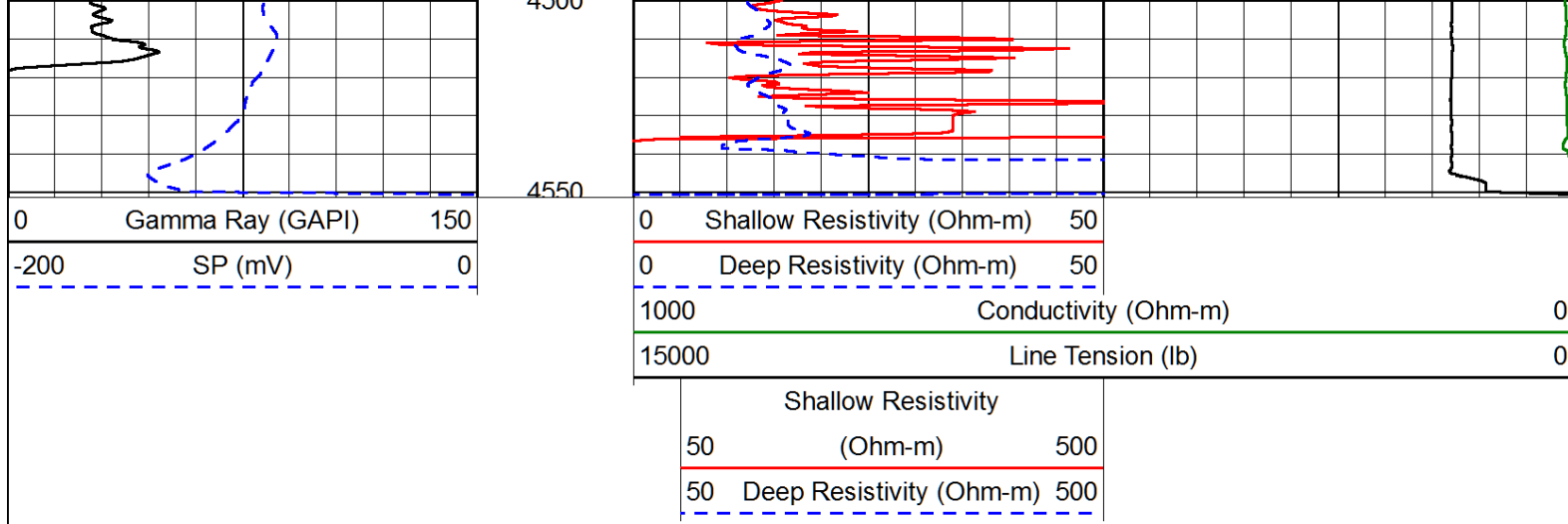




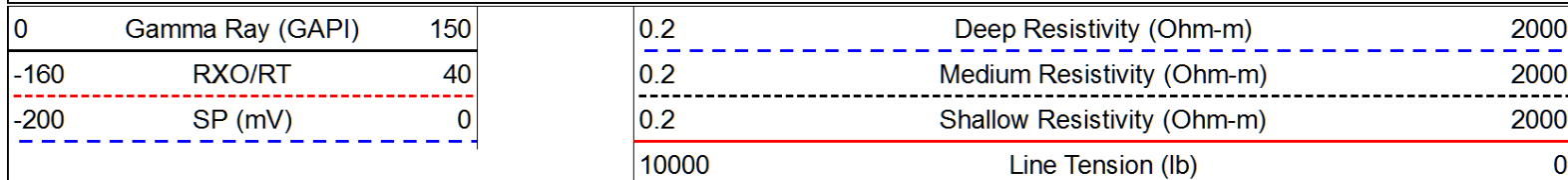




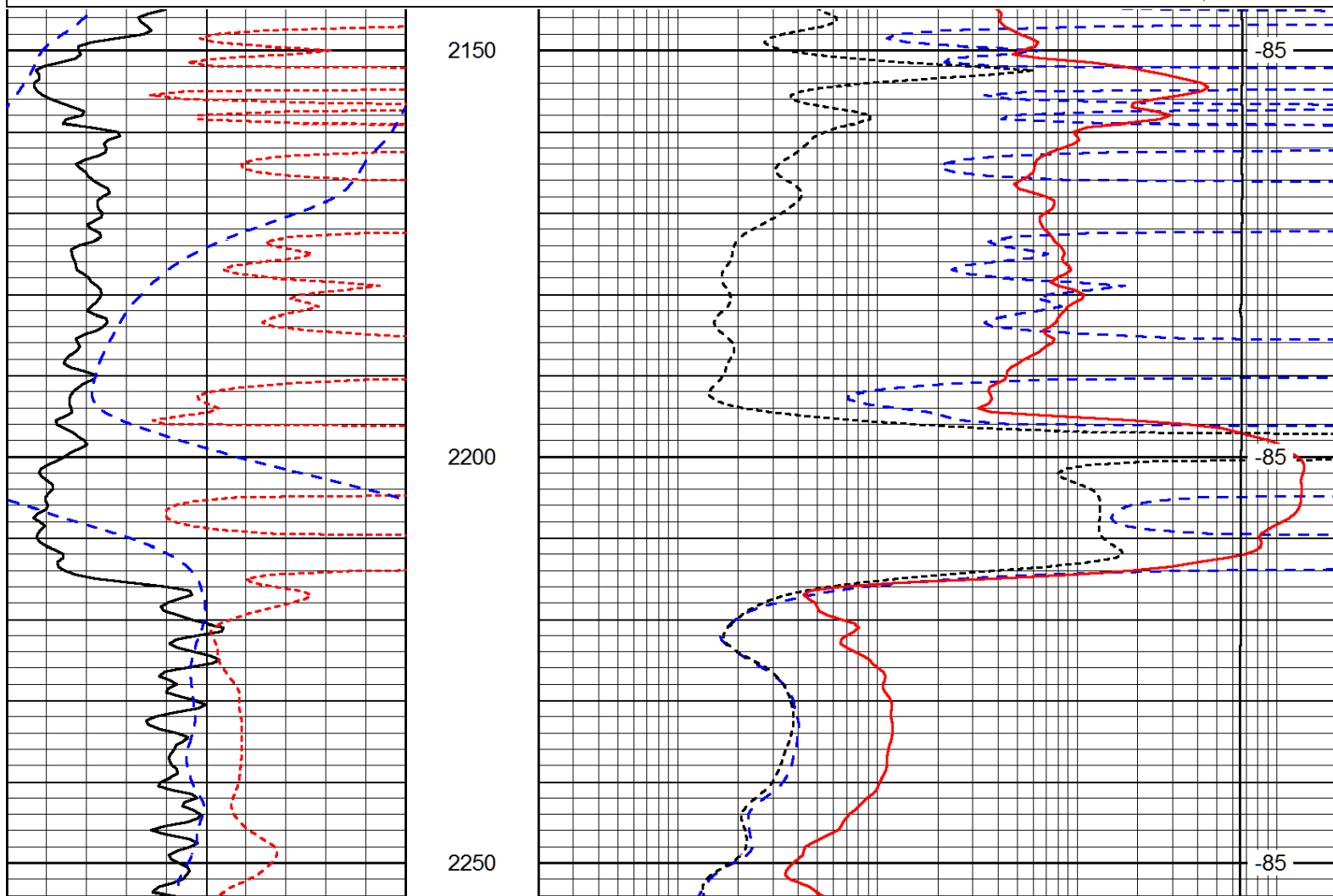




Database File: britohd.db
 Dataset Pathname: dil/britstk
 Presentation Format: dil
 Dataset Creation: Wed Feb 27 13:25:04 2013
 Charted by: Depth in Feet scaled 1:240



LSPD
(ft/min)



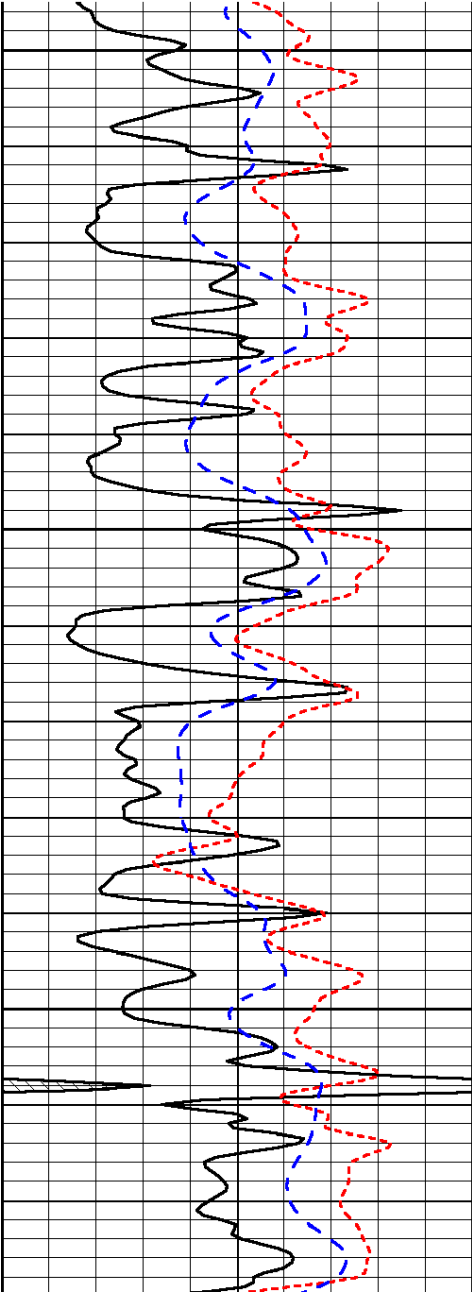
0	Gamma Ray (GAPI)	150
-160	RXO/RT	40
-200	SP (mV)	0

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0
		LSPD (ft/min)

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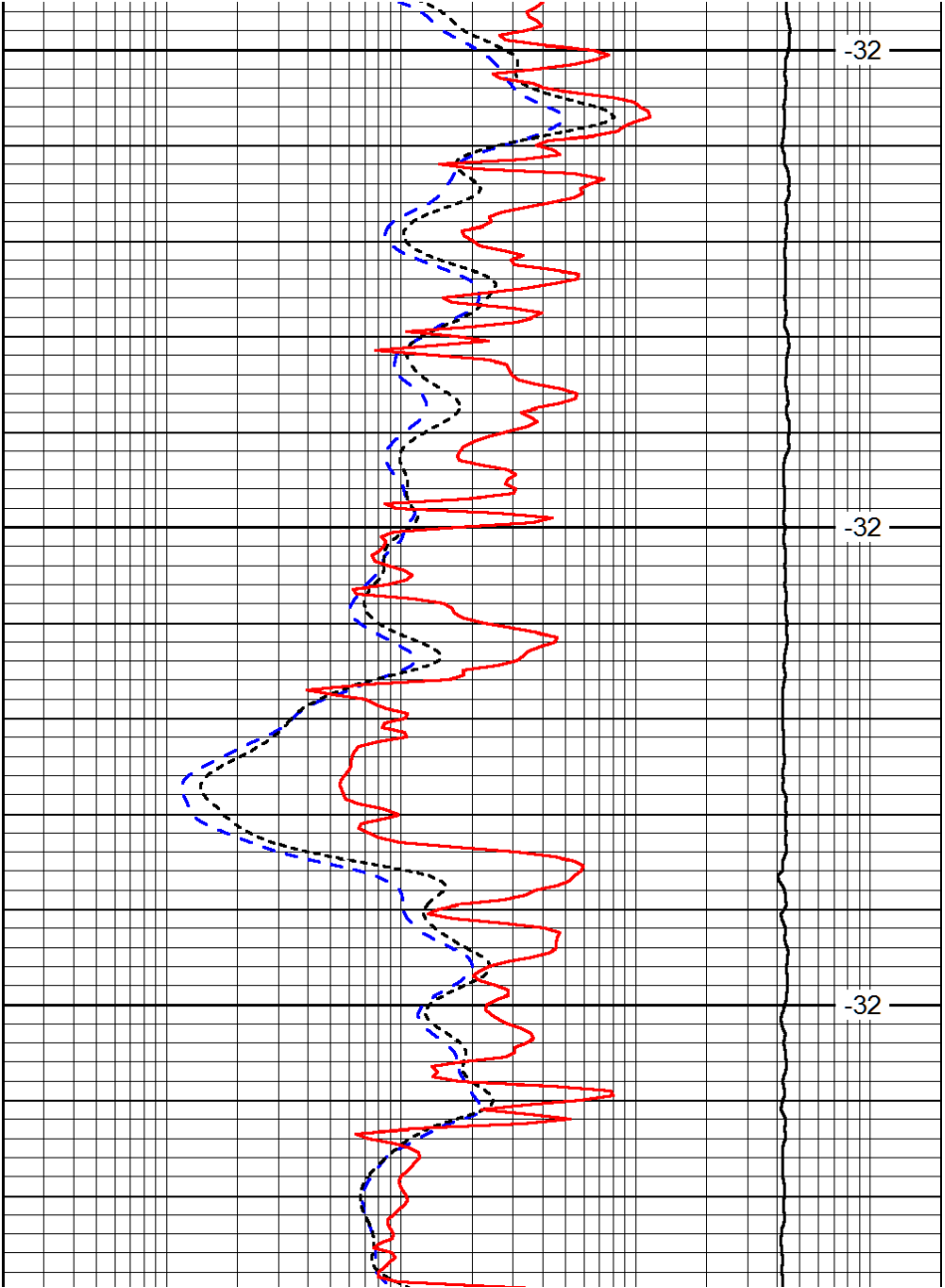
0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0
		LSPD (ft/min)



3500

3550

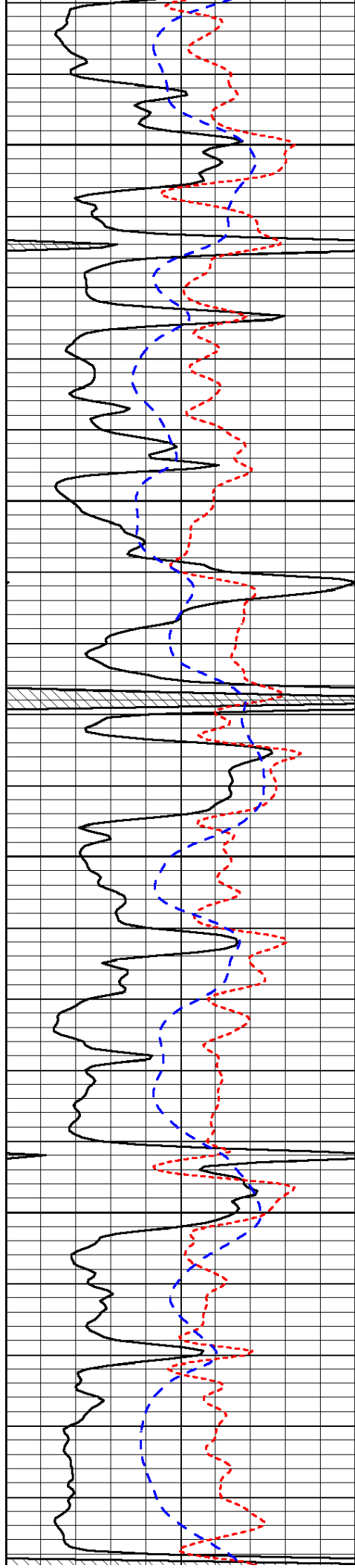
3600



-32

-32

-32



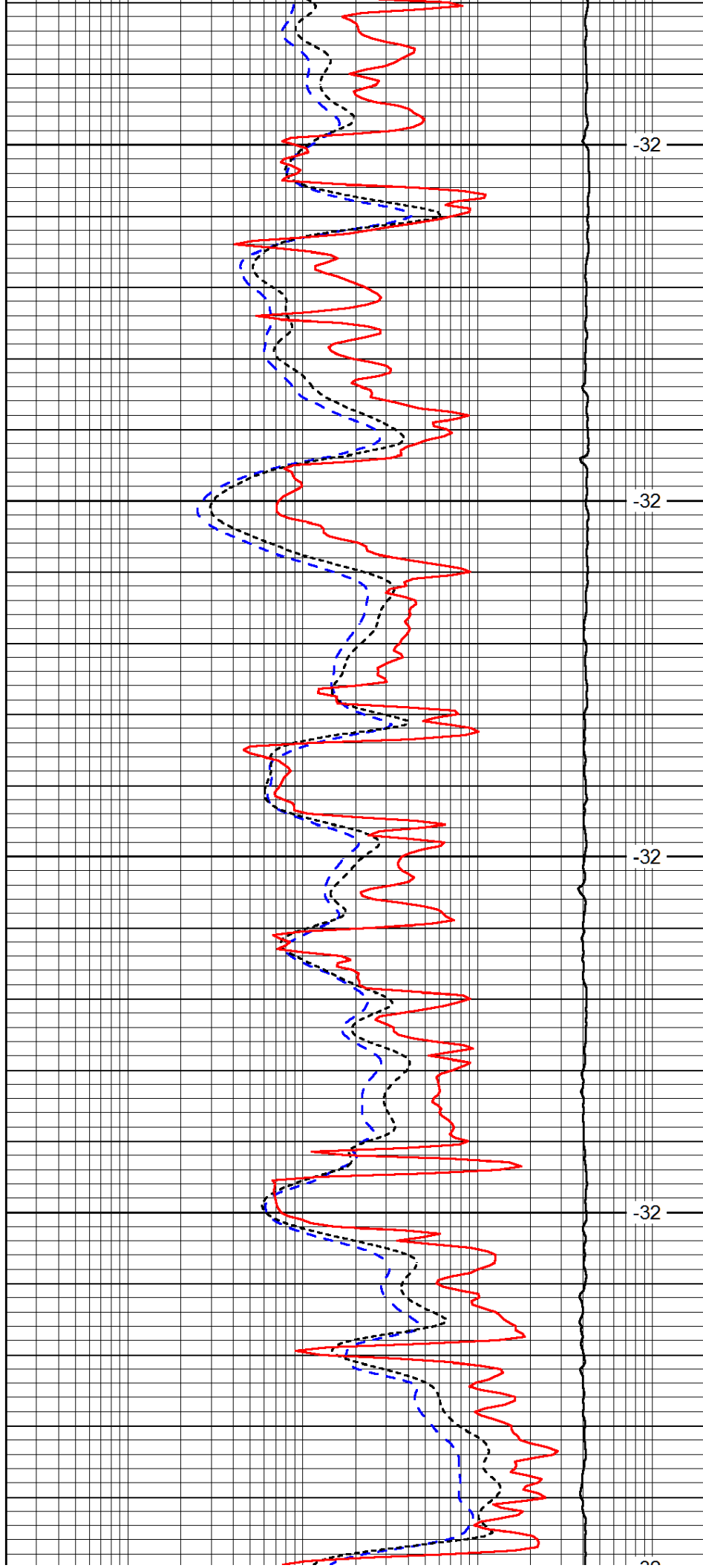
3650

3700

3750

3800

3850



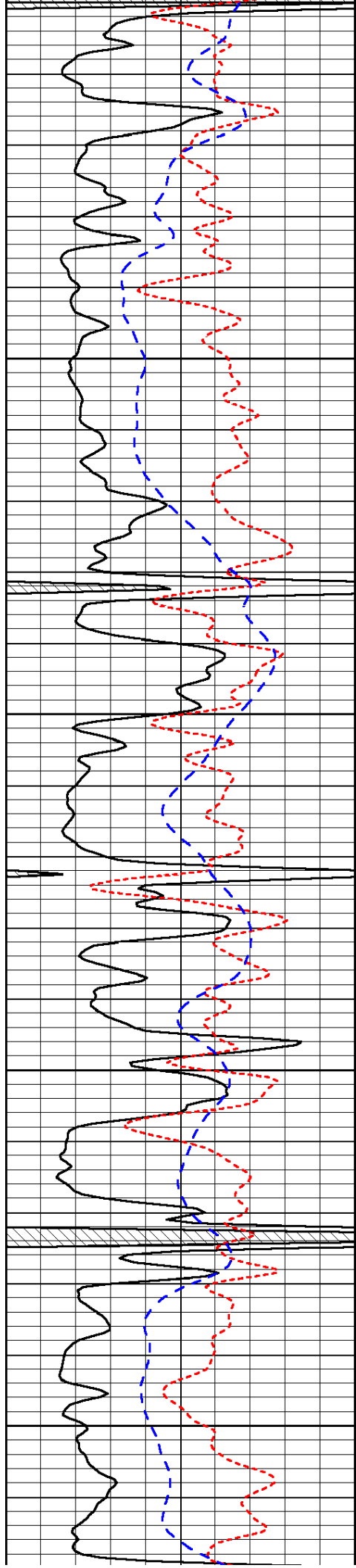
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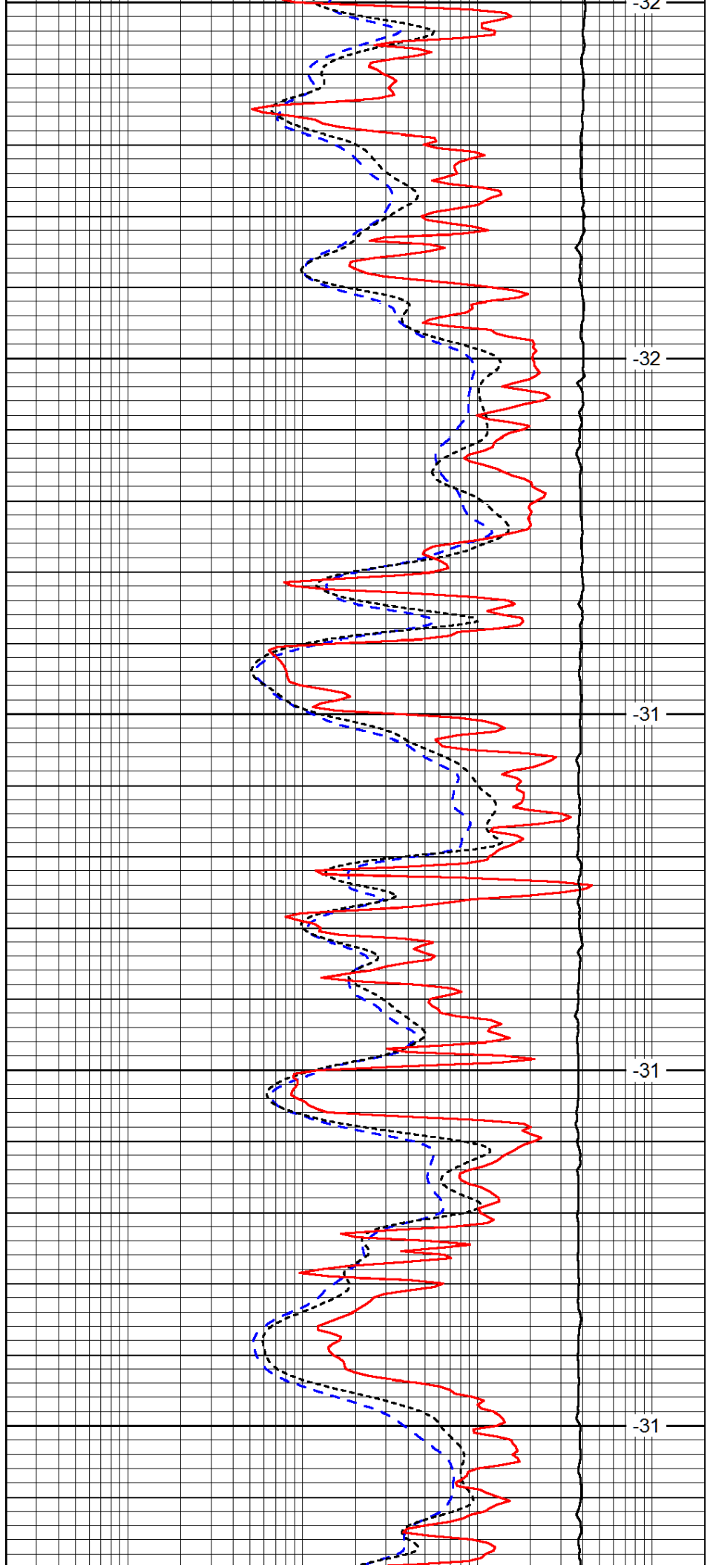
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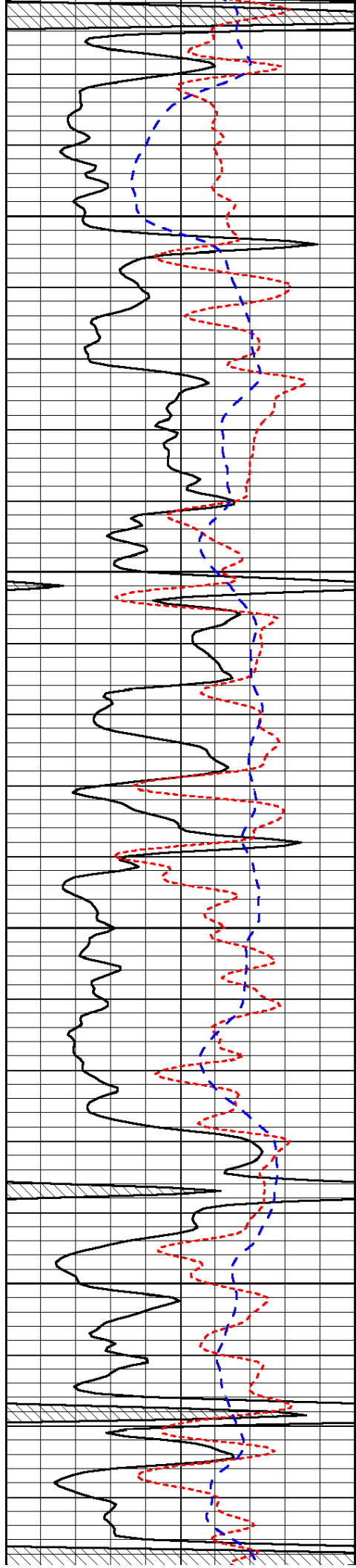
-32



3850
3900
3950
4000
4050



-32
-32
-31
-31
-31

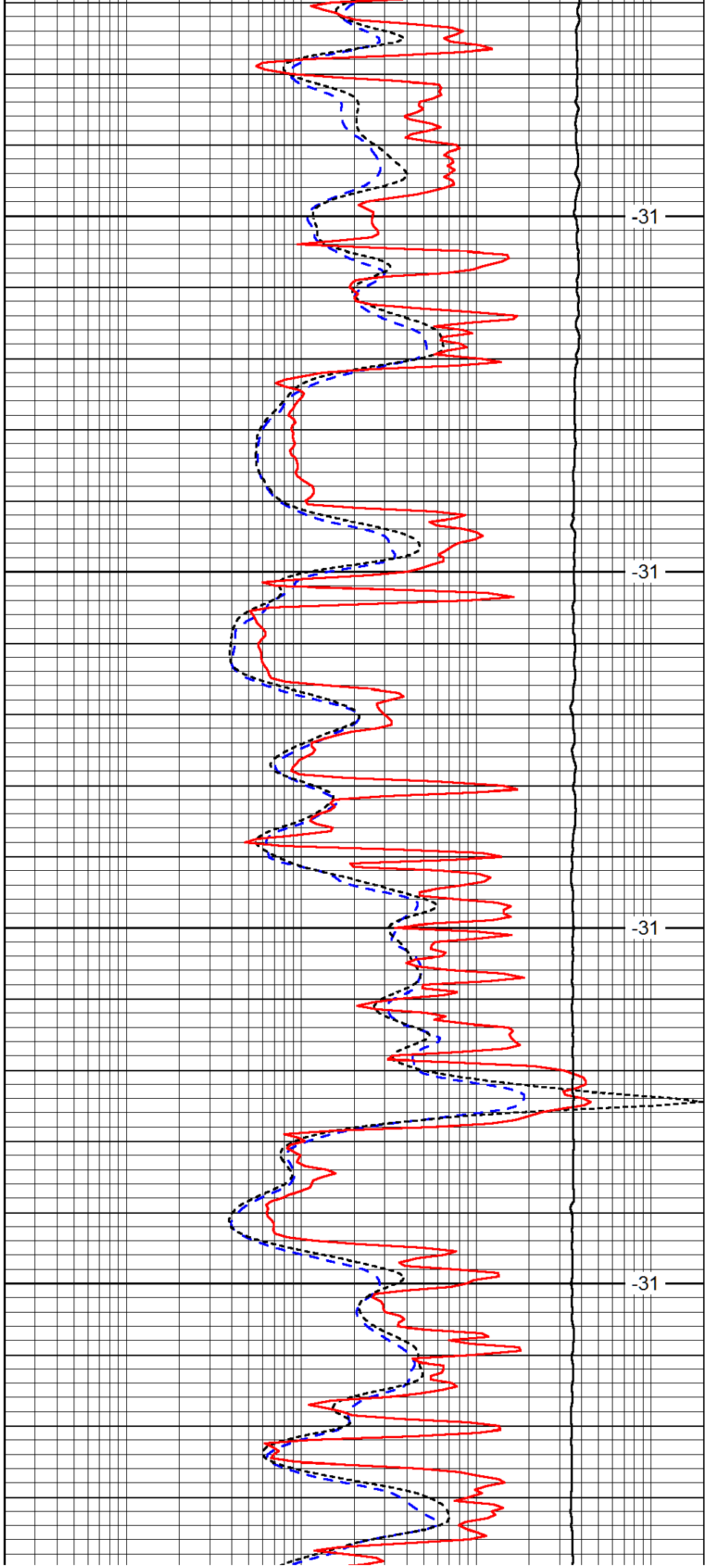


4100

4150

4200

4250

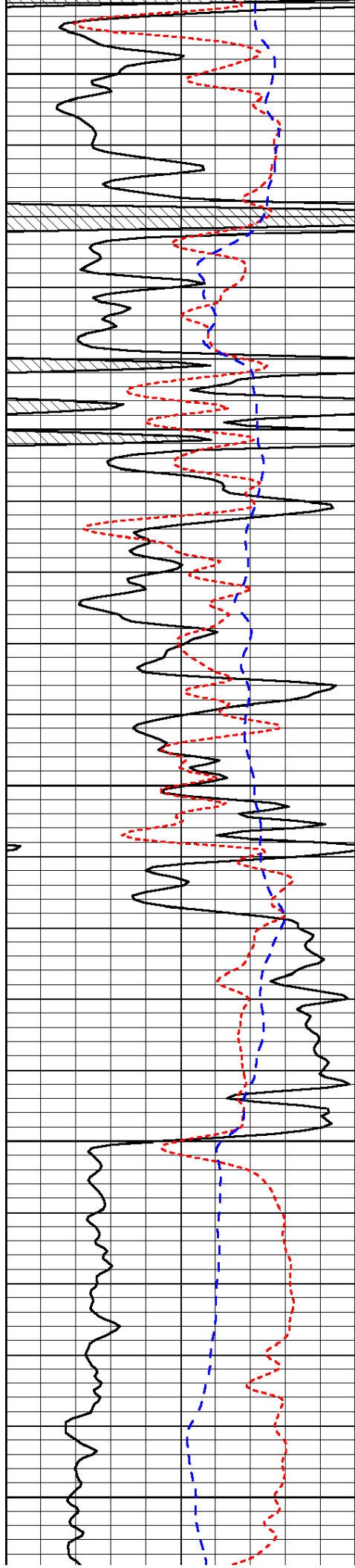


-31

-31

-31

-31



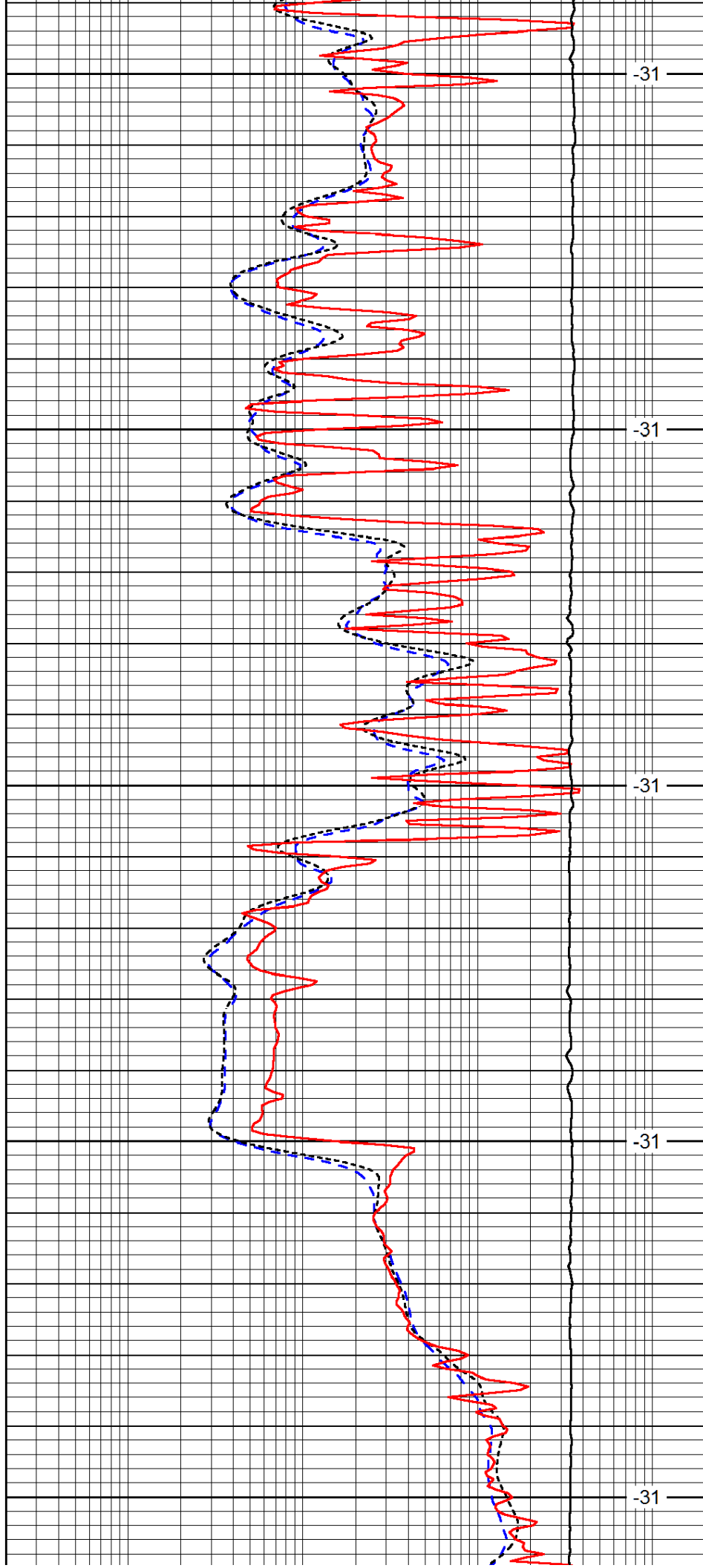
4300

4350

4400

4450

4500



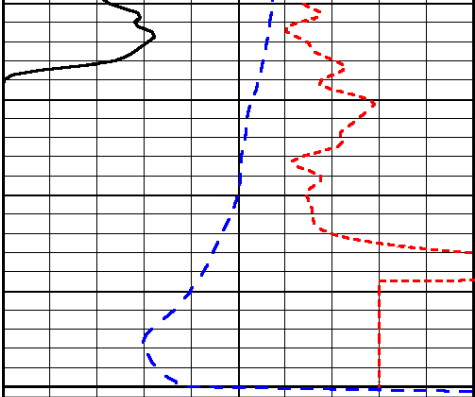
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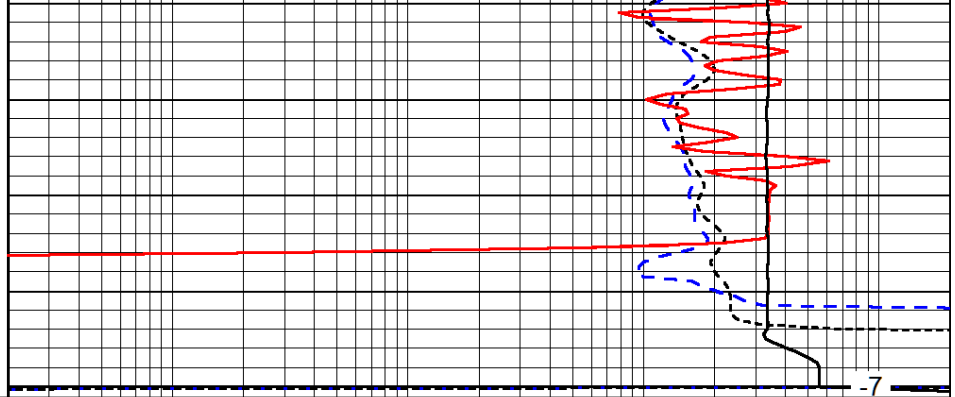
-31

-31



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4550



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LSPD
(ft/min)