

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-167-23,602-00-00

Company Citation Oil & Gas Corp.

Well Wieland No. 2-19

Field Fairport

County Russell State

Kansas

Location

SW - NE - SW
1650' FSL & 1650' FWL

Sec: 31

Twp: 12 S

Rge: 15 W

Elevation

K.B. 1876
D.F. 1868
G.L. 1868

Permanent Datum Ground Level Elevation 1868
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date 1/14/2010

Run Number One

Depth Driller 3420

Depth Logger 3416

Bottom Logged Interval 3415

Top Log Interval 0

Casing Driller 8.625 @ 942

Casing Logger 935

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 3,400

Density / Viscosity 9.1 54

pH / Fluid Loss 10.5 8.0

Source of Sample Flowline

Rm @ Meas. Temp 1.60 @ 50

Rmf @ Meas. Temp 1.20 @ 50

Rmc @ Meas. Temp 2.16 @ 50

Source of Rmf / Rmc Charts

Rm @ BHT 0.73 @ 110

Operating Rig Time 3 Hours

Max Rec. Temp. F 110

Equipment Number 15

Location Hays

Recorded By B. Becker

Witnessed By Ed Glassman

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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

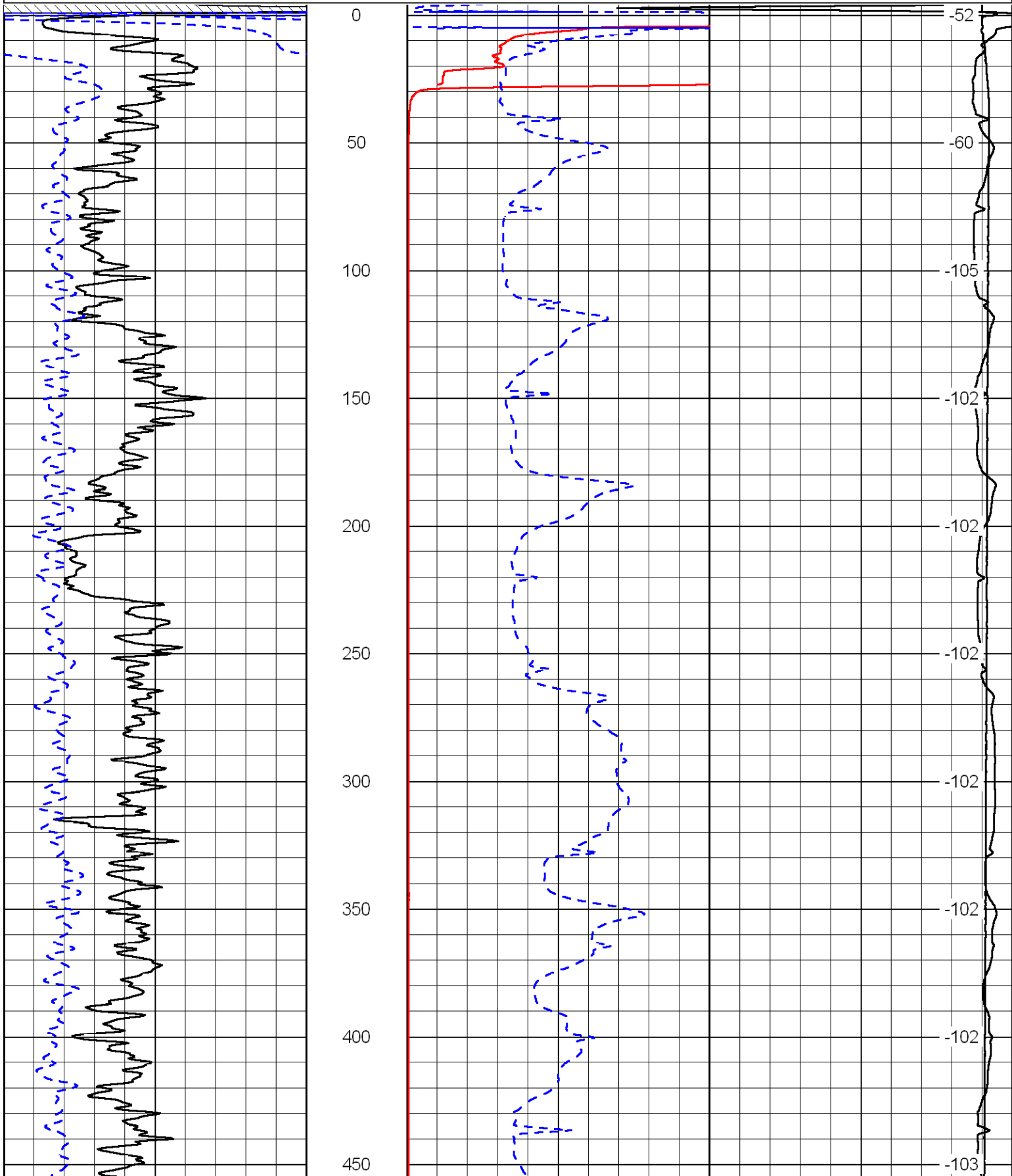
Thank you for using Log-Tech, Inc.
(785) 625-3858

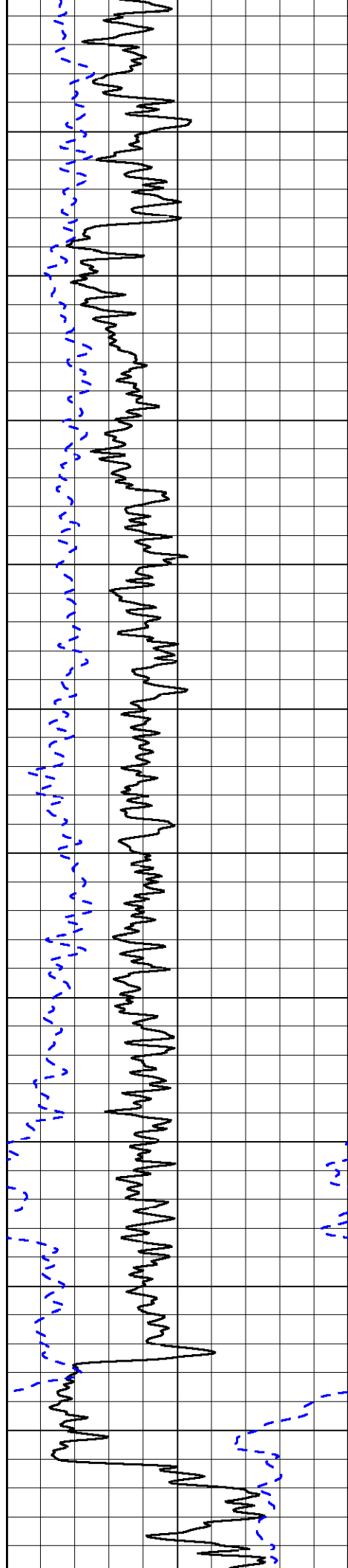
Gorham, Ks; 1 West;
6-1/4 North (2nd lease road north of intersection)
East into (take path to right at y-intersection)

Database File: c:\warrior\data\citation_wieland no. 2-19\citationhd.db
Dataset Pathname: DIL/citastk
Presentation Format: dil2in
Dataset Creation: Thu Jan 14 14:15:42 2010
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
-200	SP (MV)	0

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





500

550

600

650

700

750

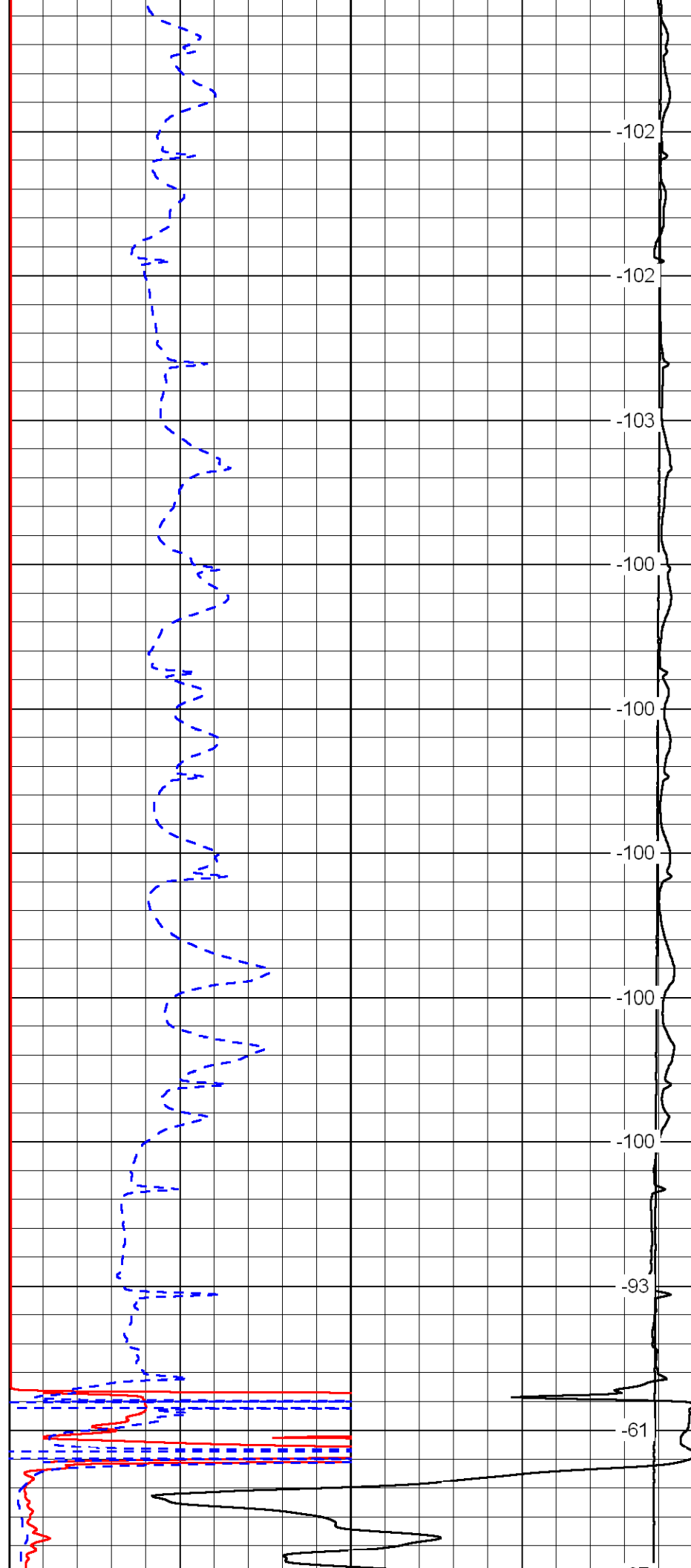
800

850

900

950

1000



-102

-102

-103

-100

-100

-100

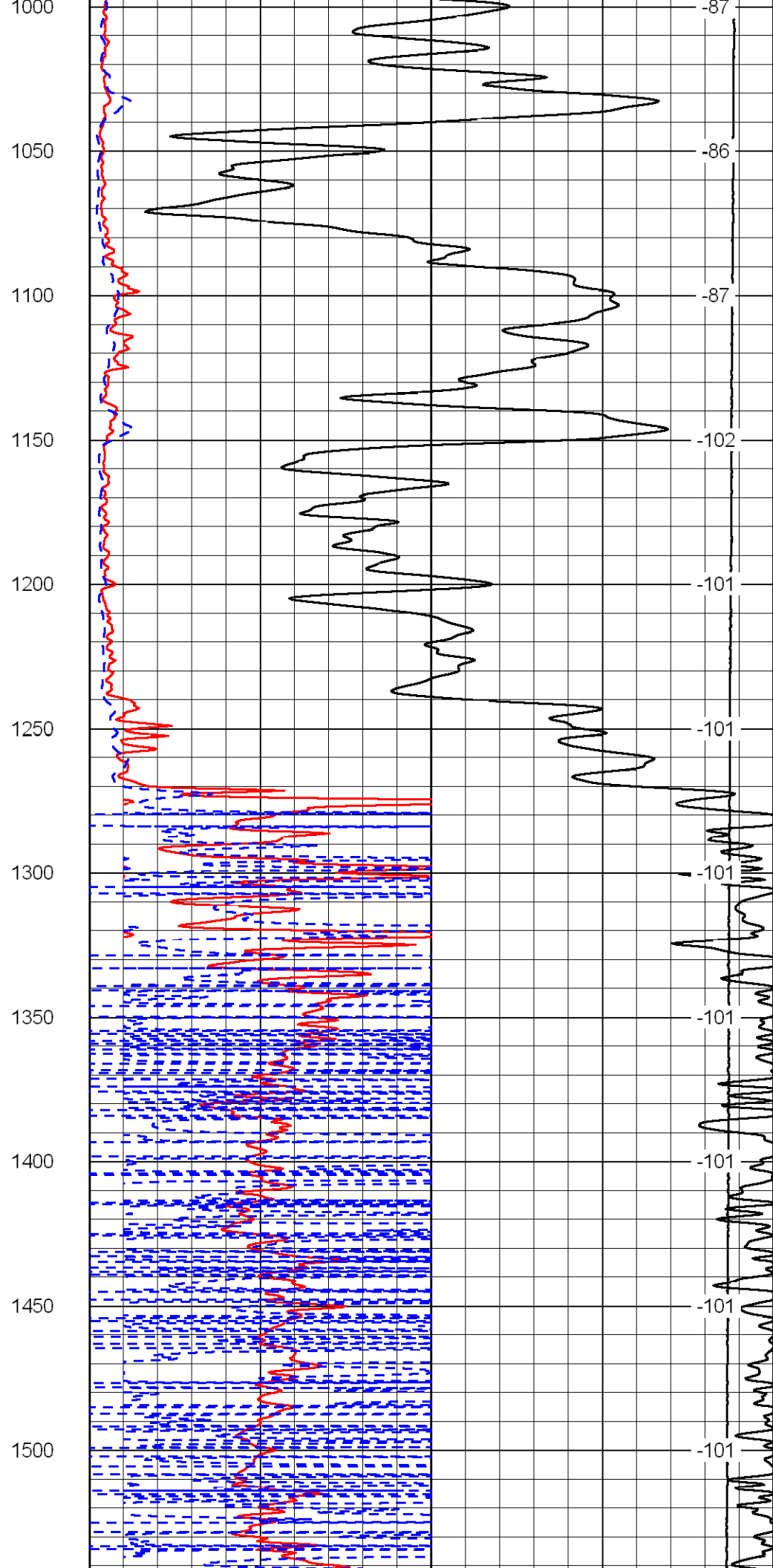
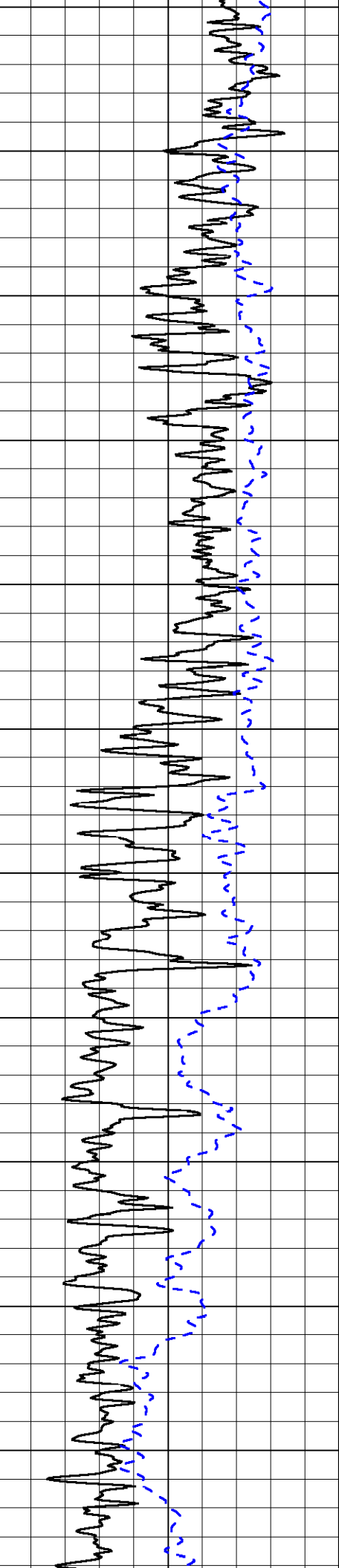
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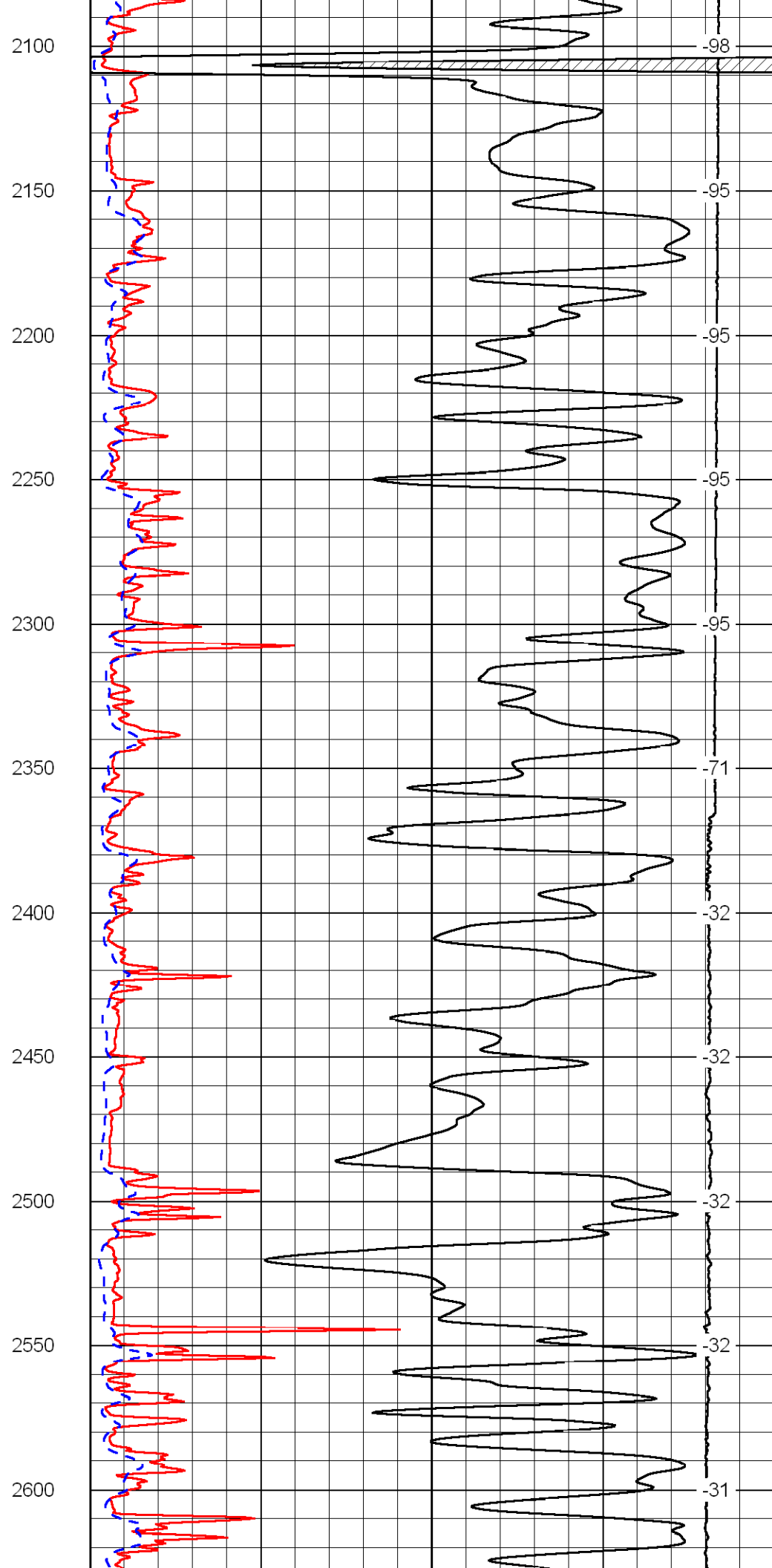
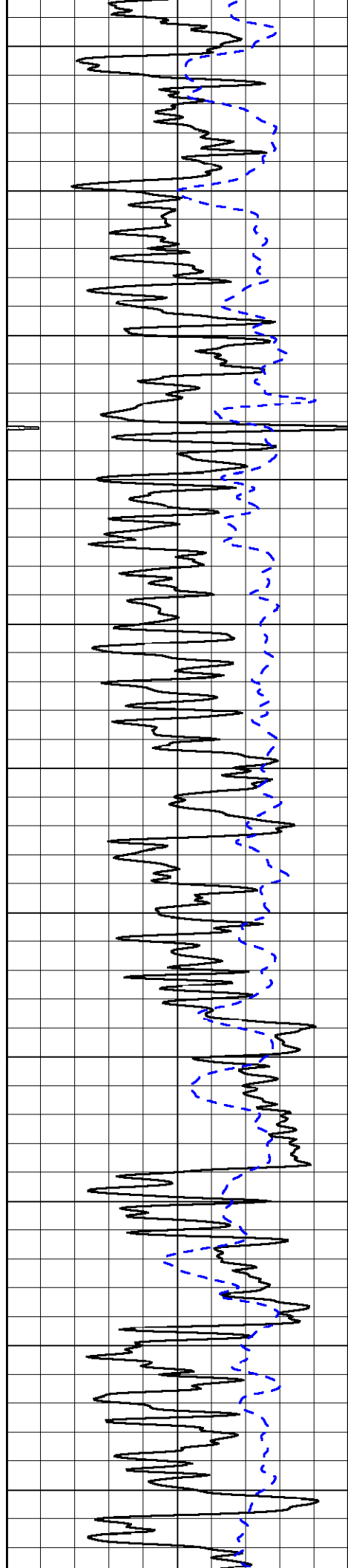
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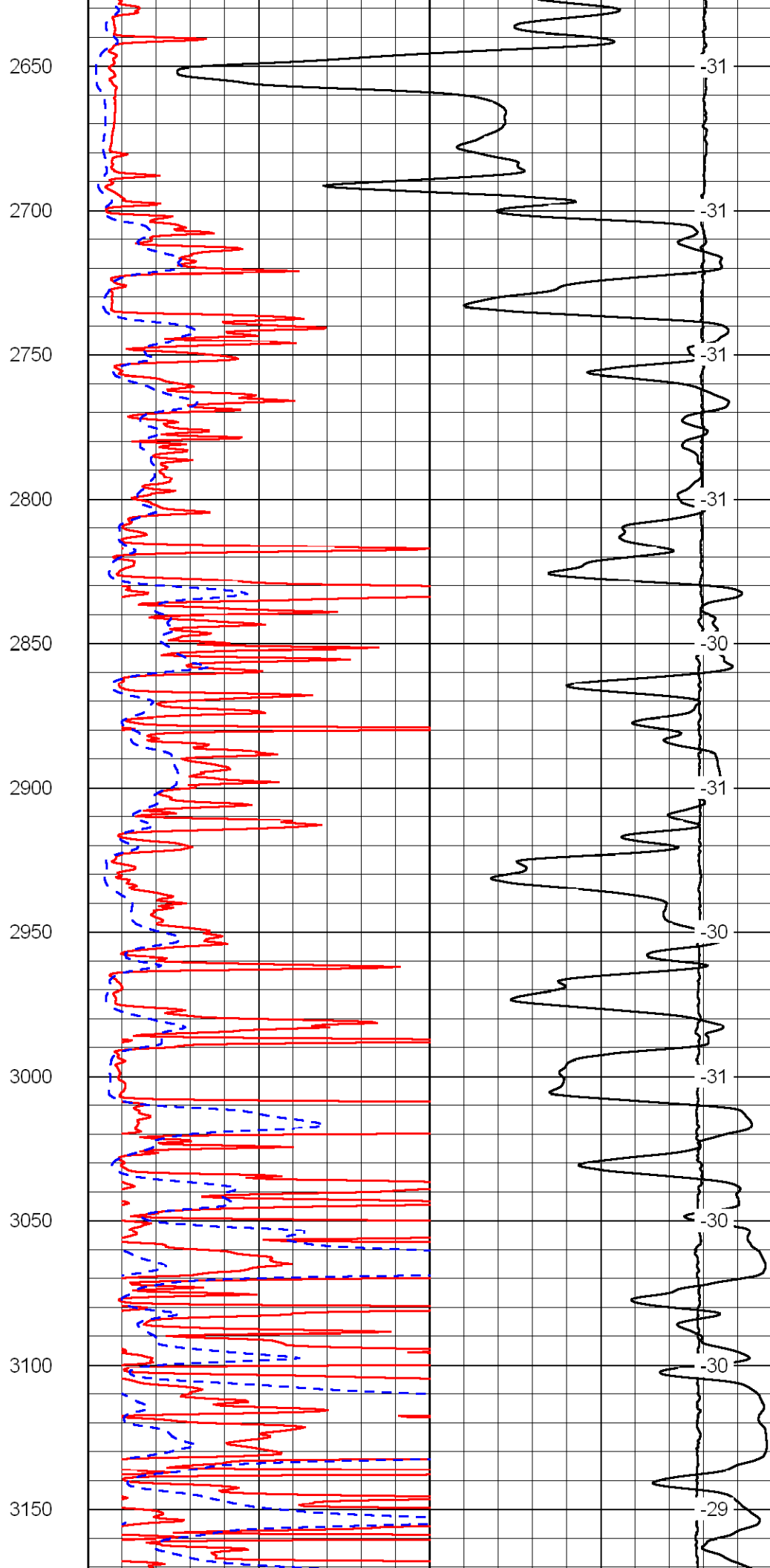
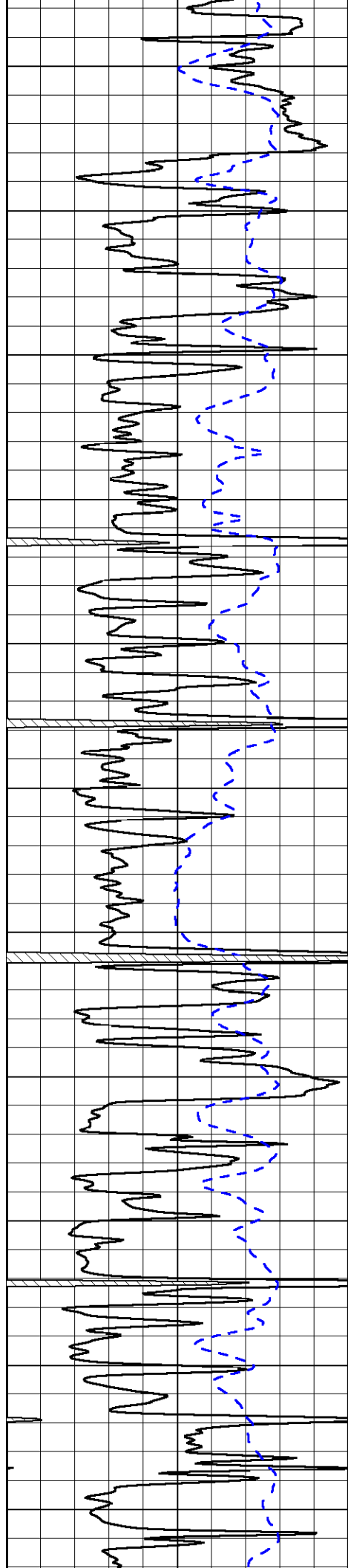
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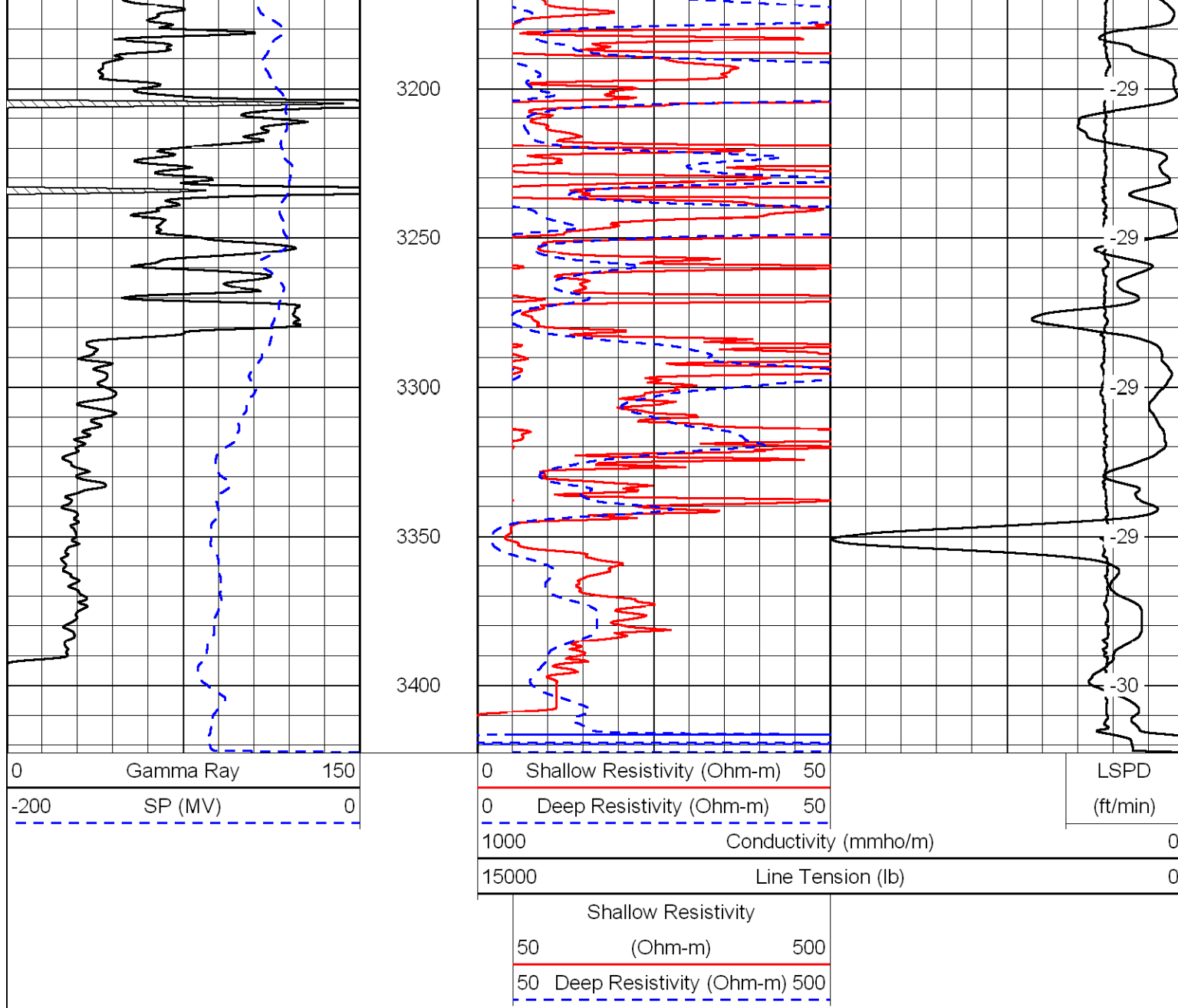
-61

0

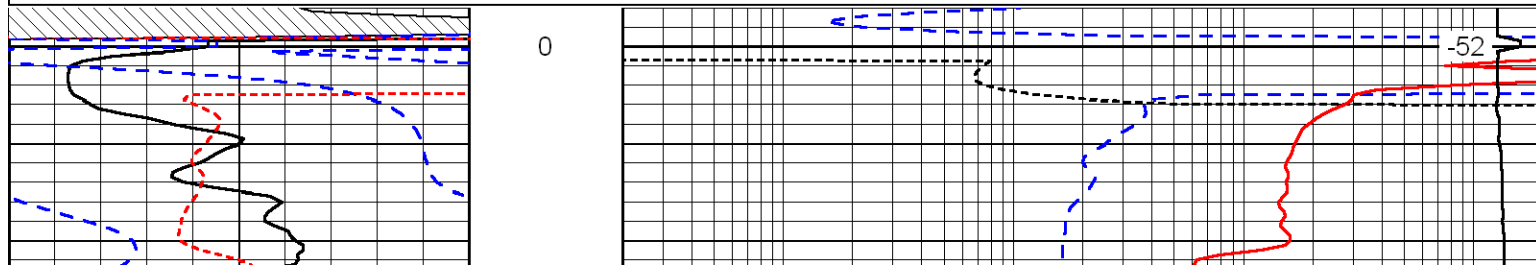
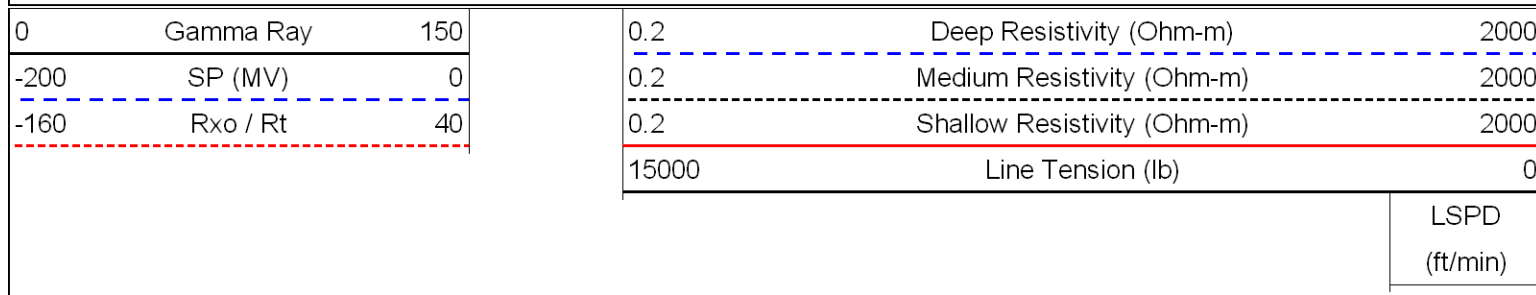


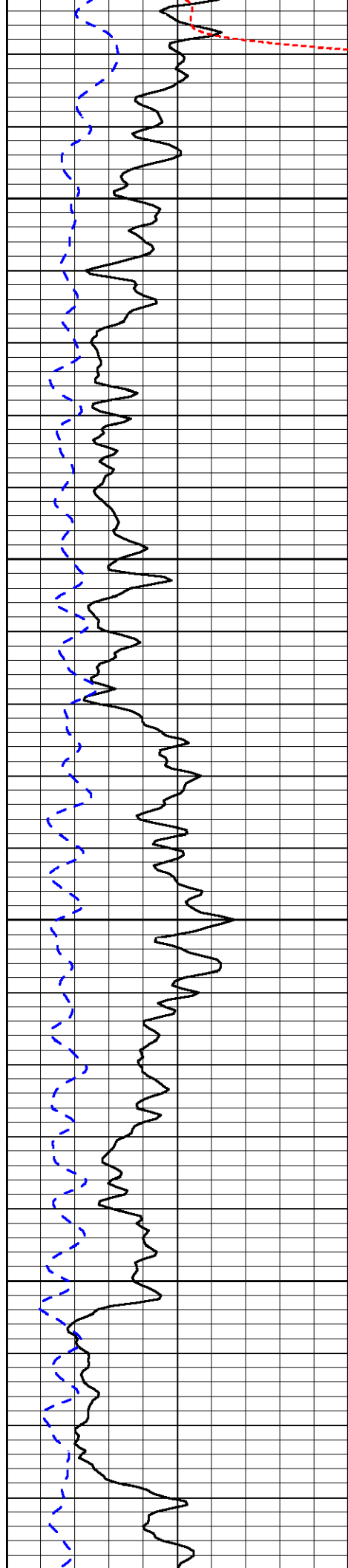






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 Dataset Pathname: DIL/citastk
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 Charted by: Depth in Feet scaled 1:240



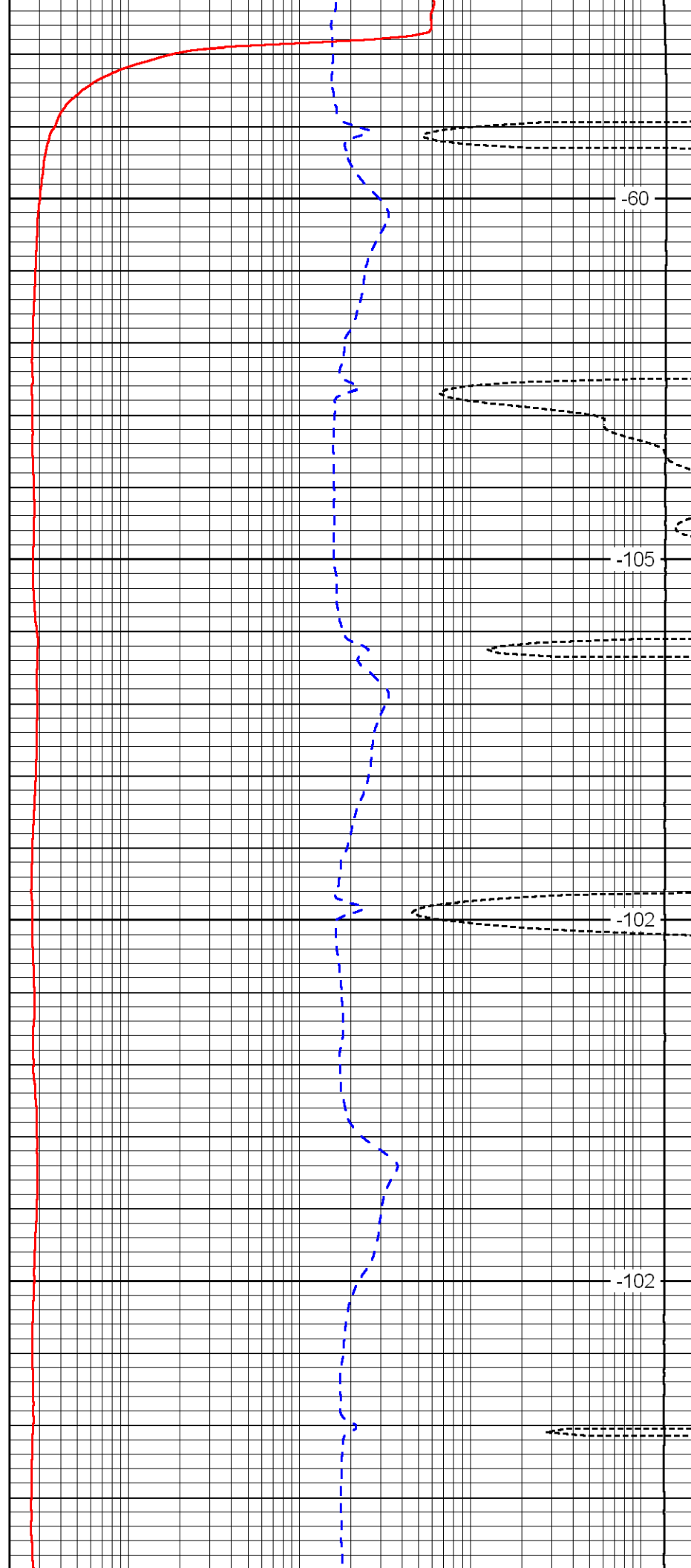


50

100

150

200

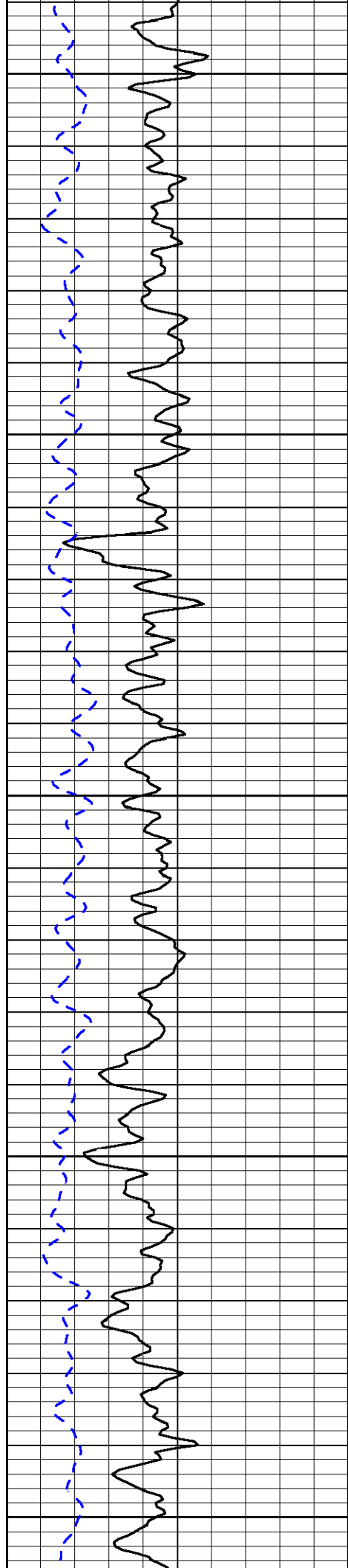


-60

-105

-102

-102



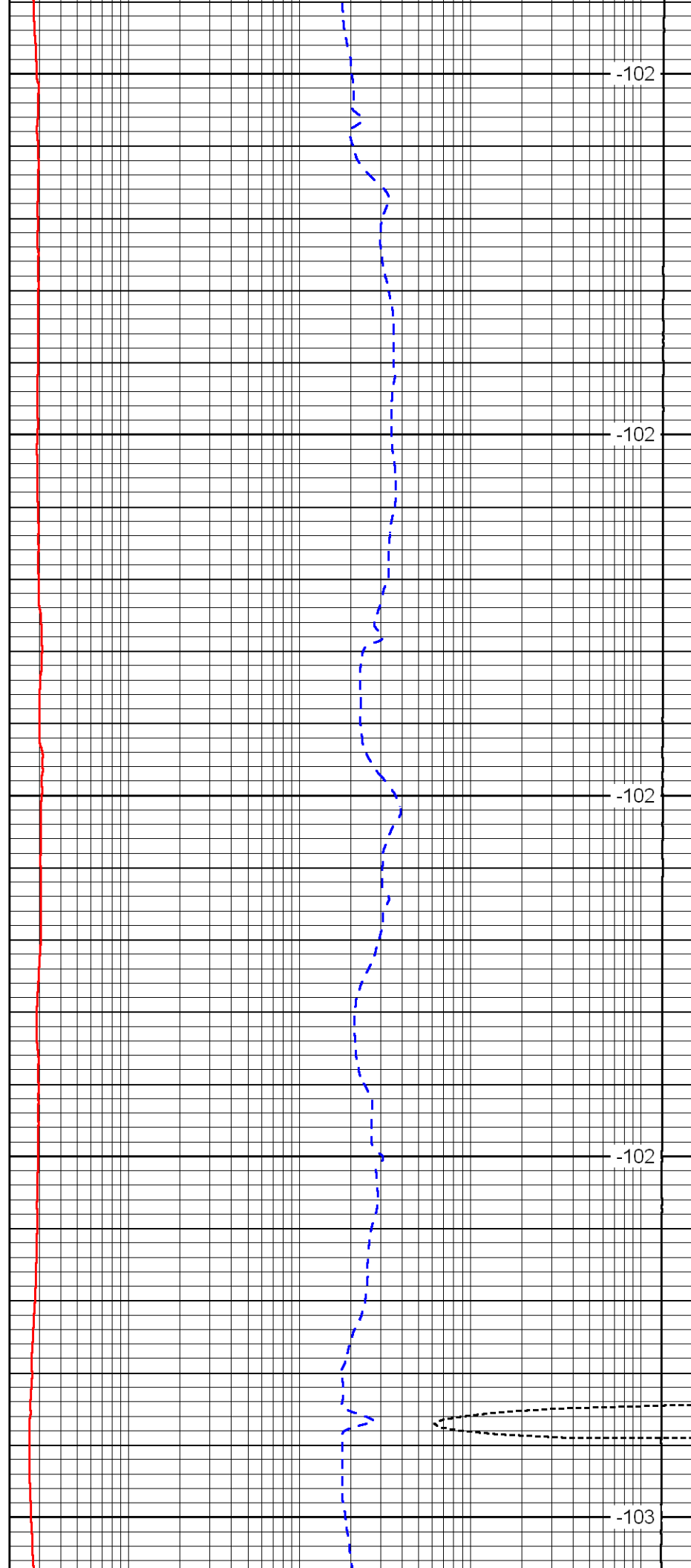
250

300

350

400

450



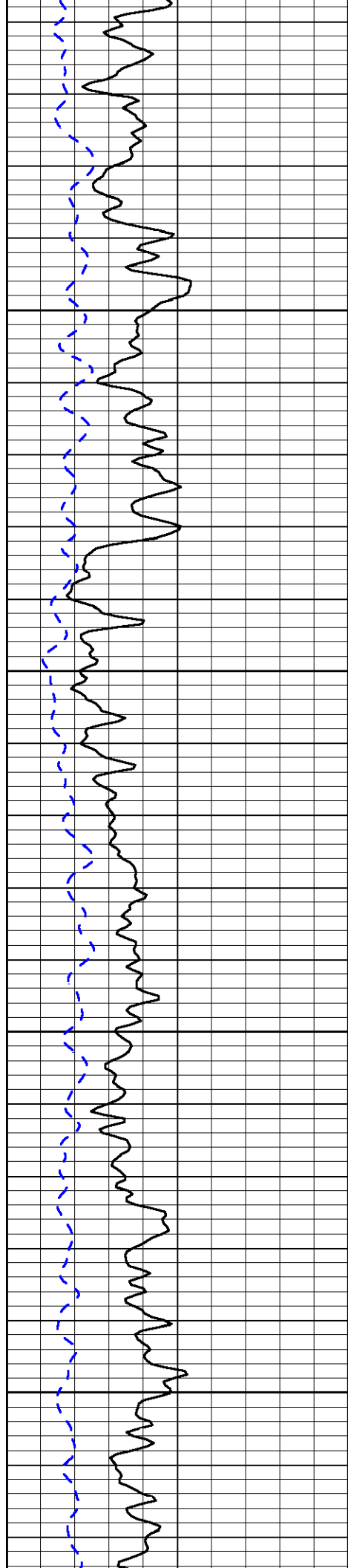
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-102

-102

-102

-103

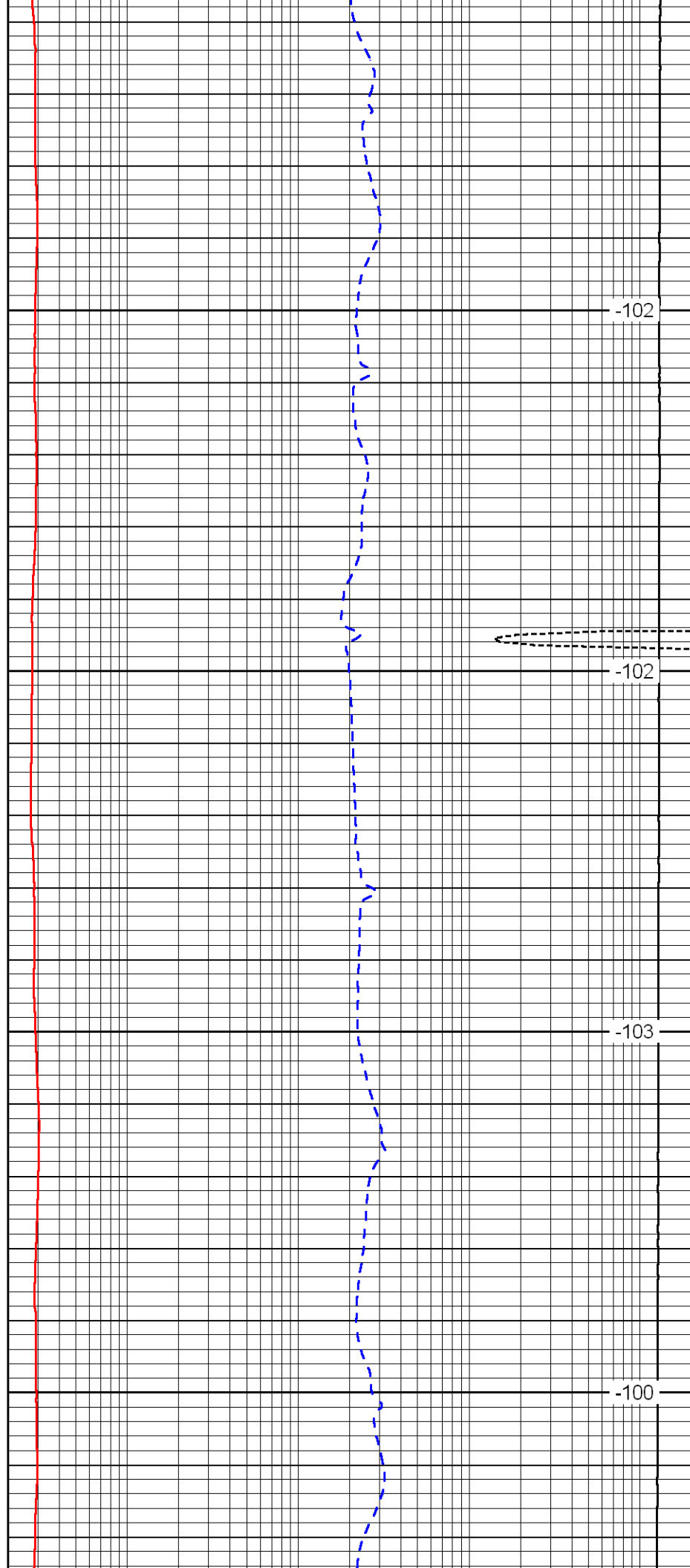


500

550

600

650

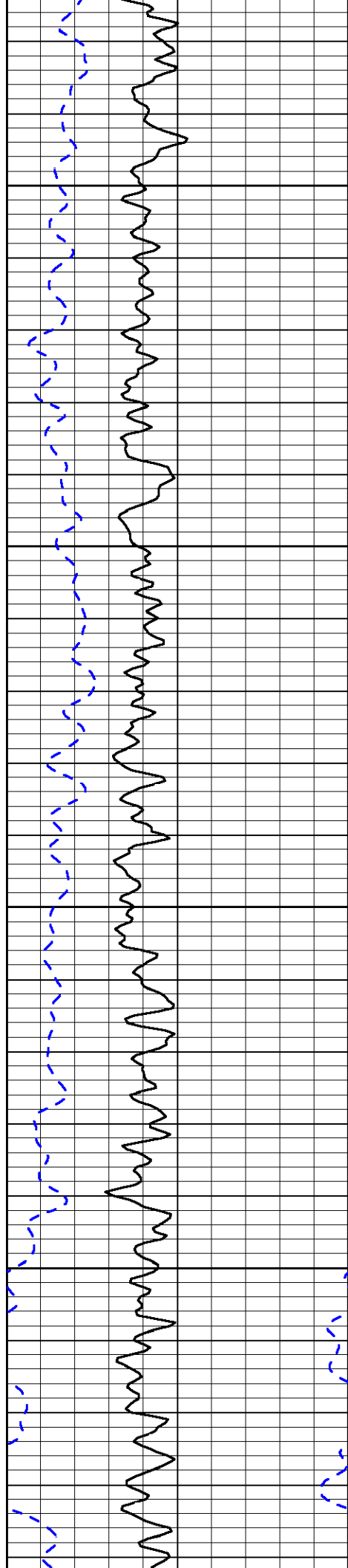


-102

-102

-103

-100



700

750

800

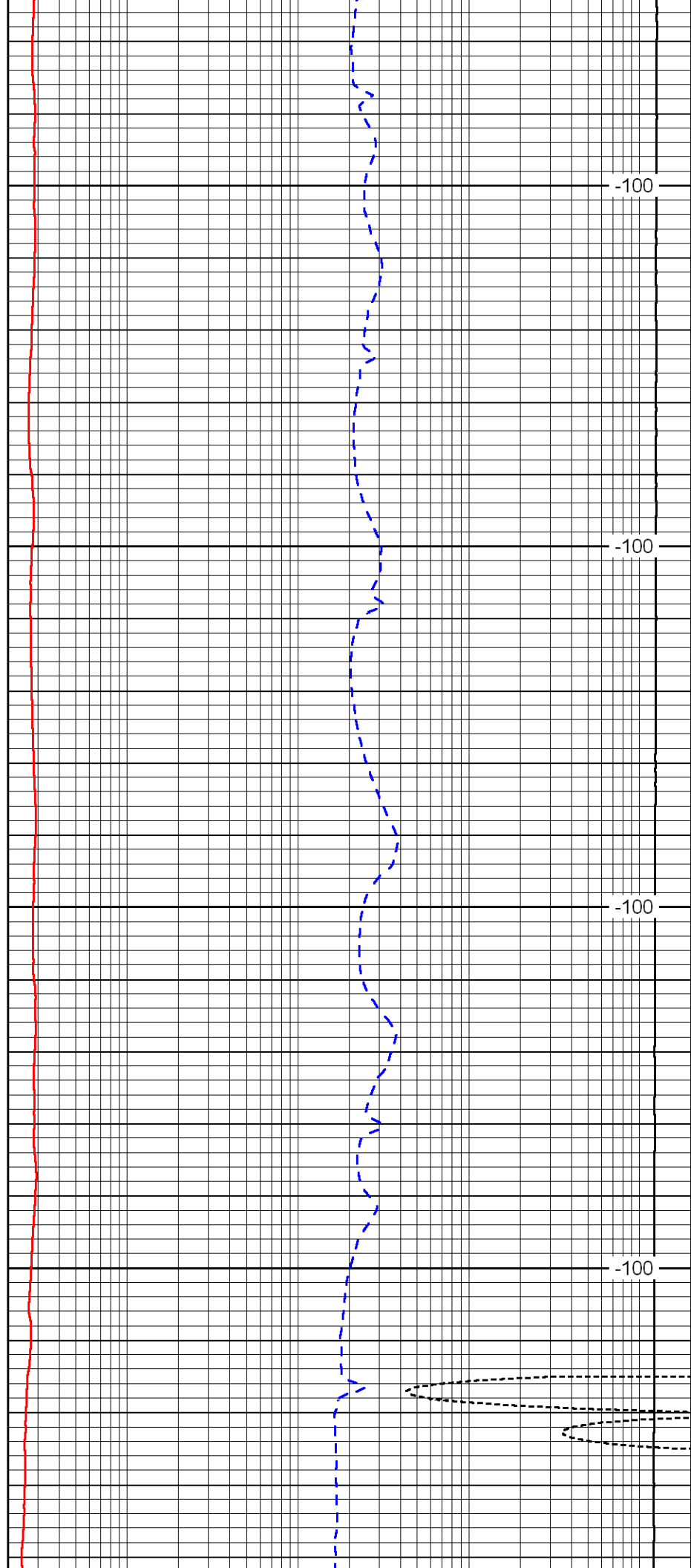
850

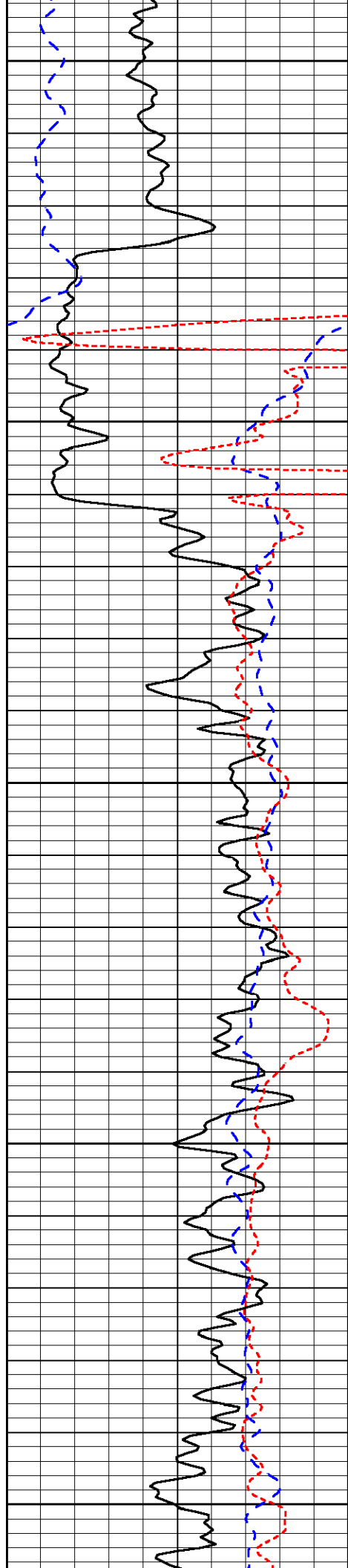
-100

-100

-100

-100





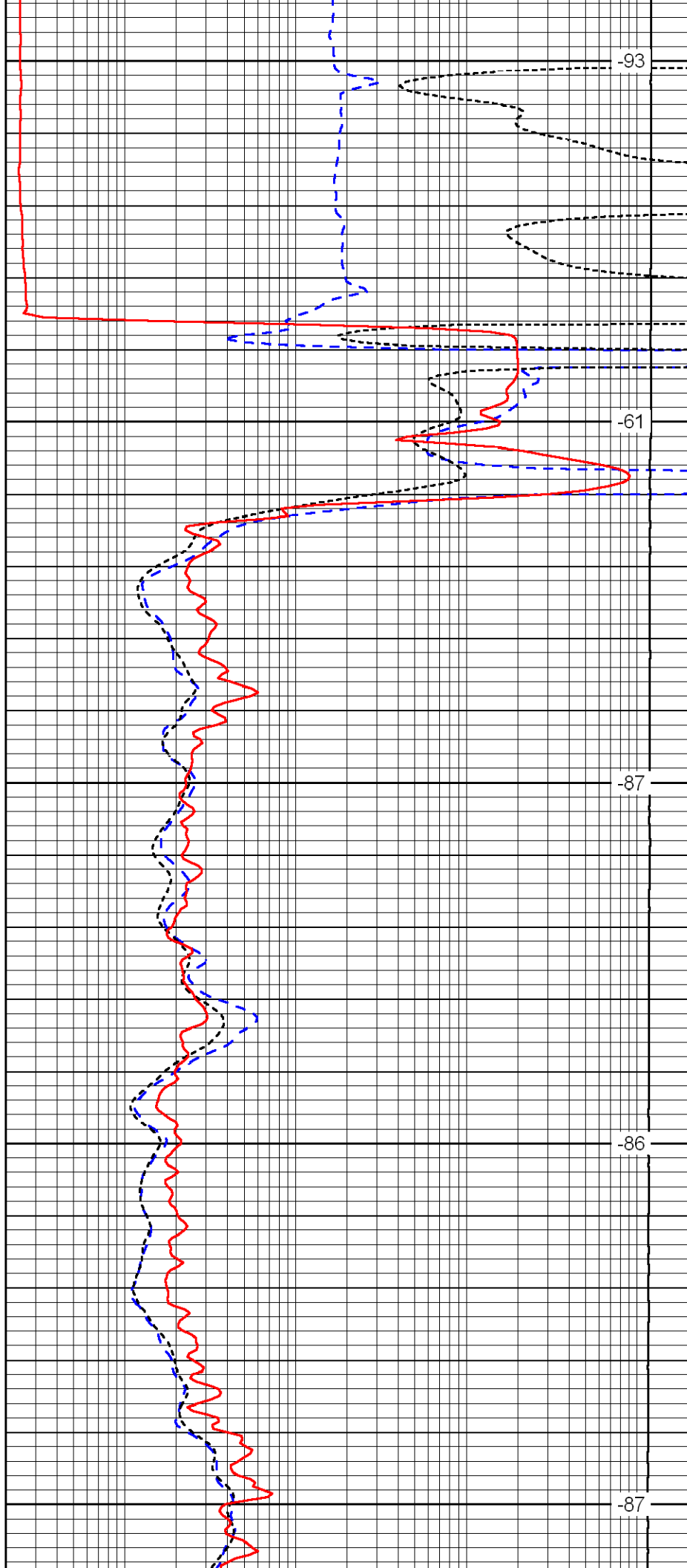
900

950

1000

1050

1100



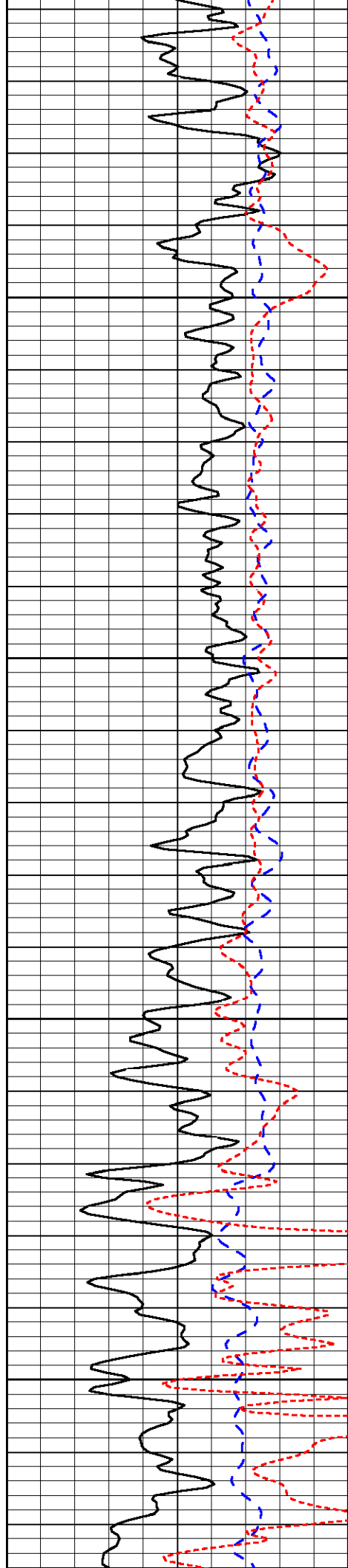
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-61

-87

-86

-87

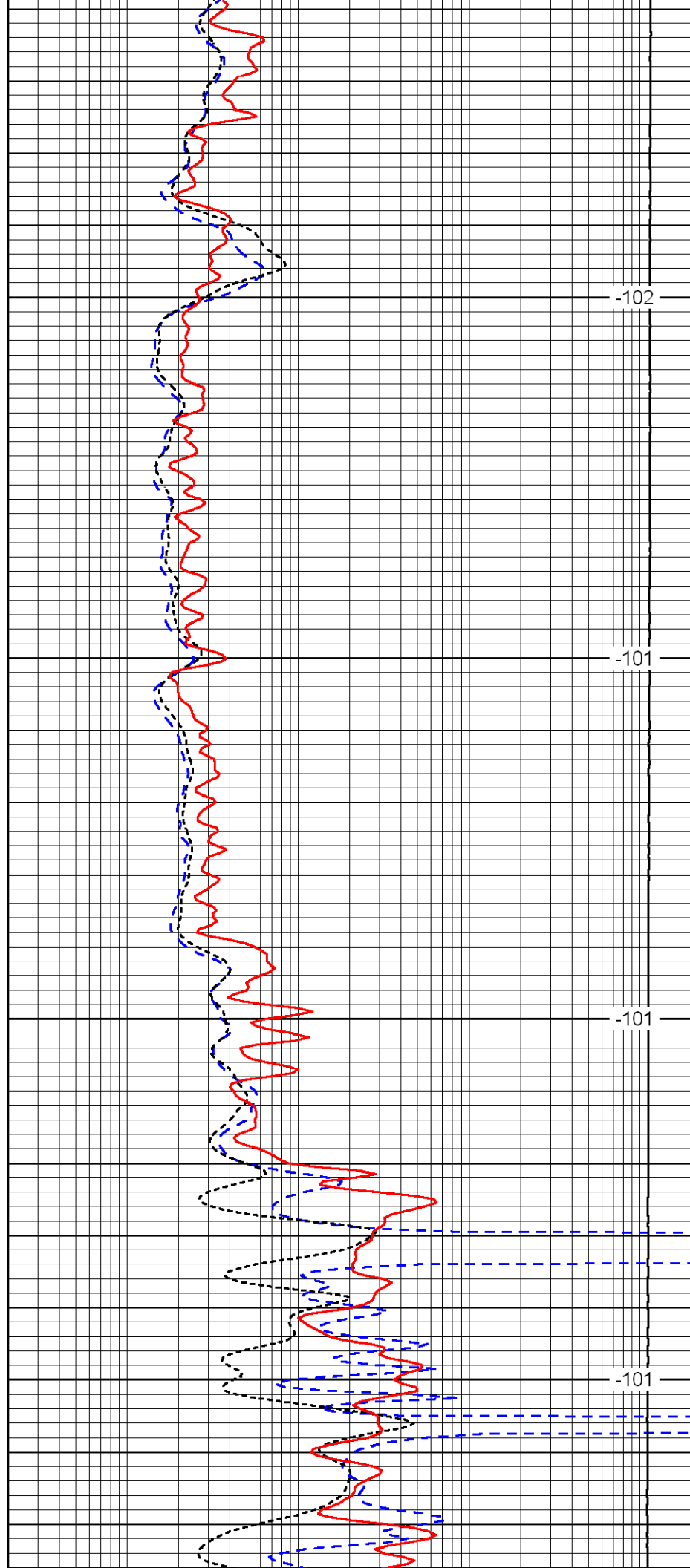


1150

1200

1250

1300

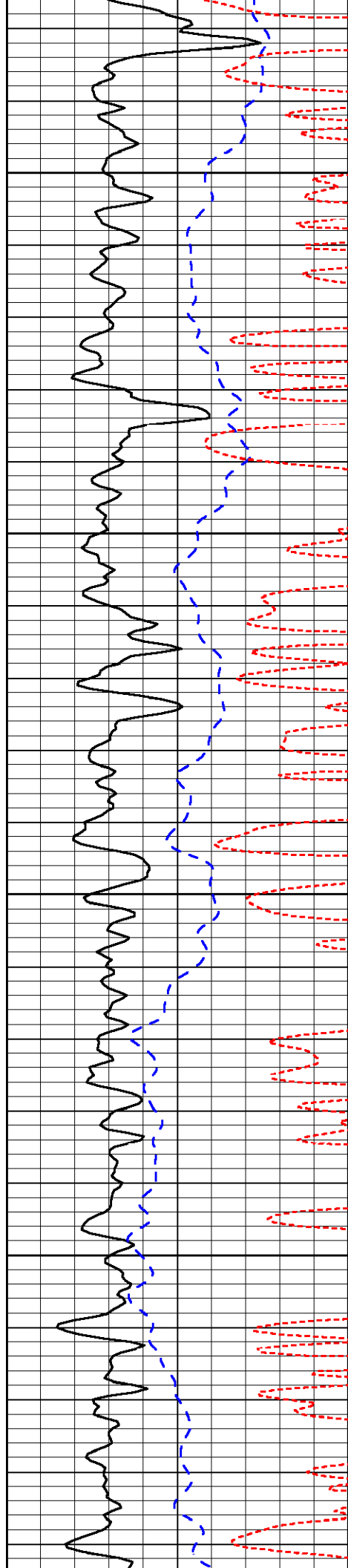


-102

-101

-101

-101

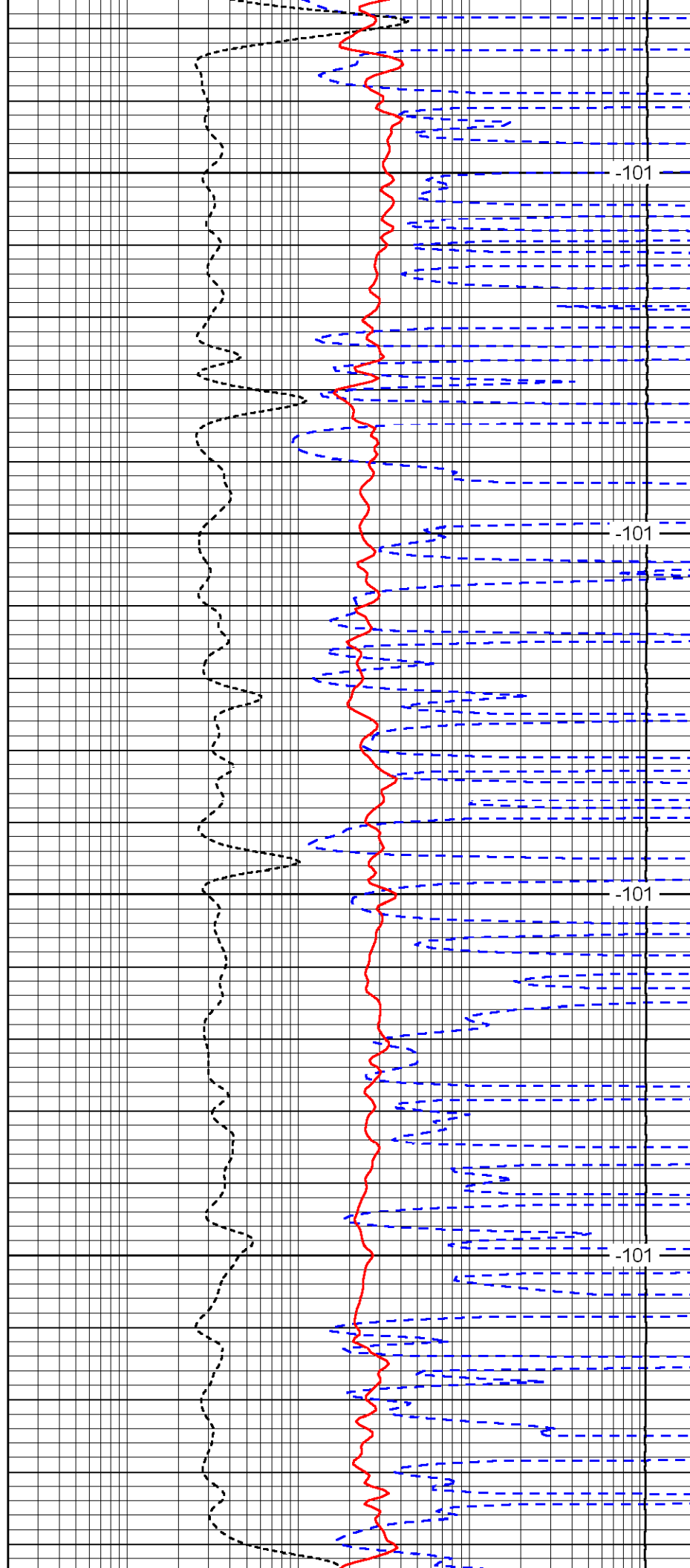


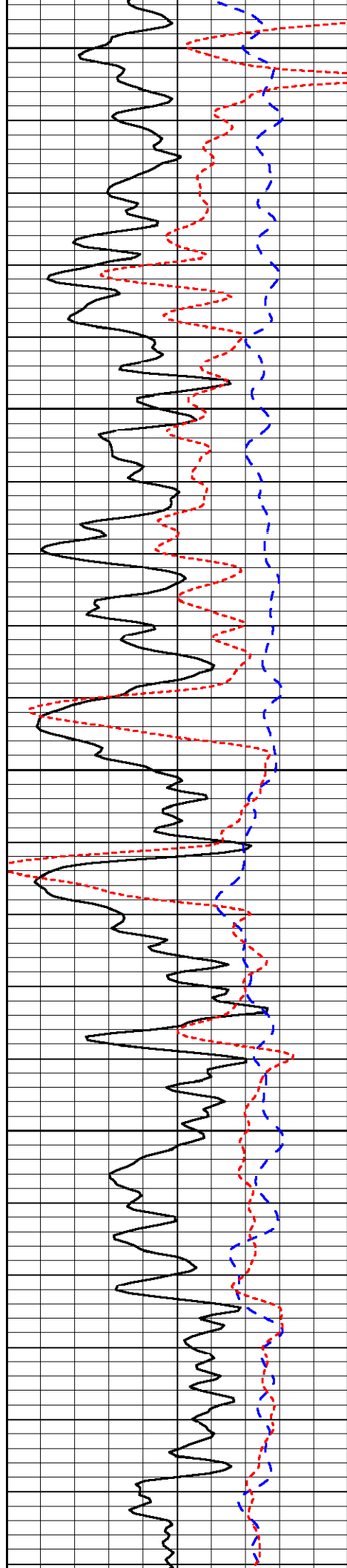
1350

1400

1450

1500





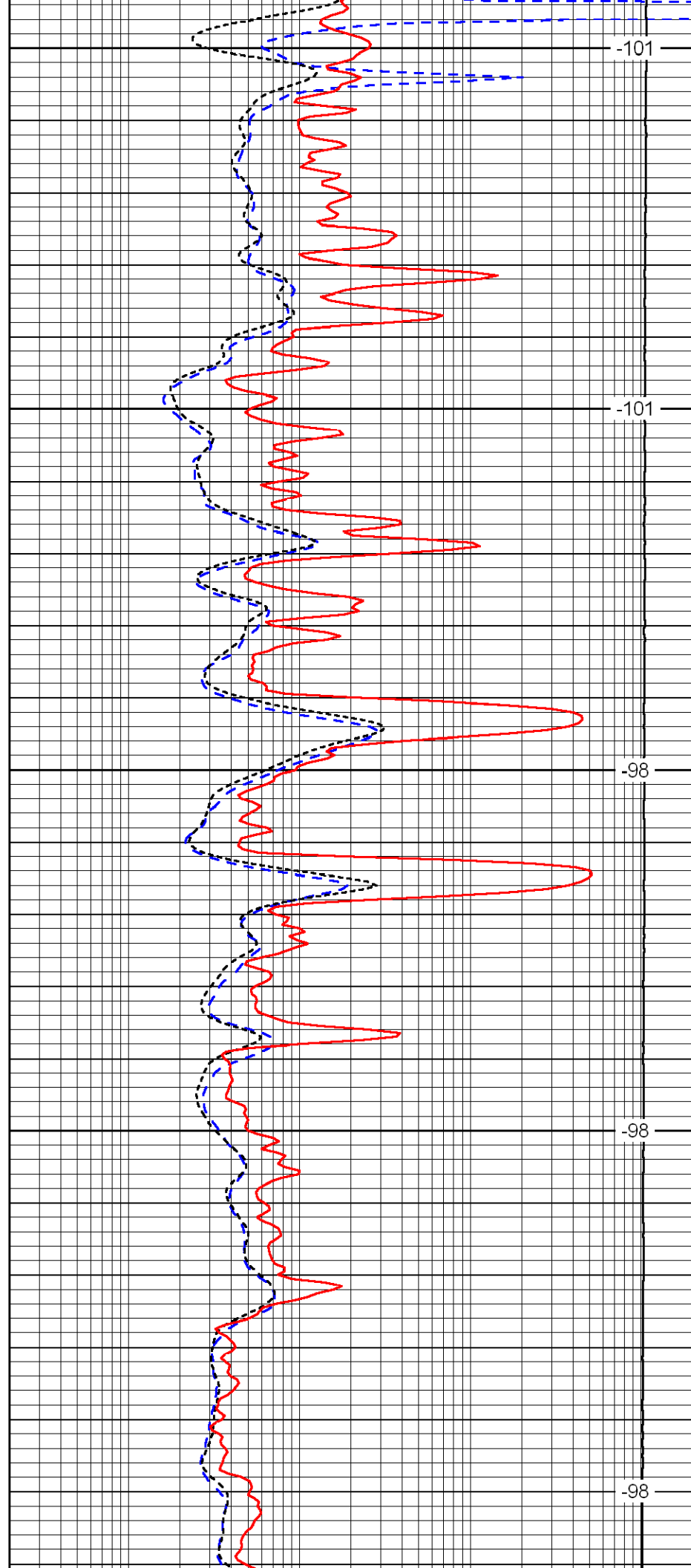
1550

1600

1650

1700

1750



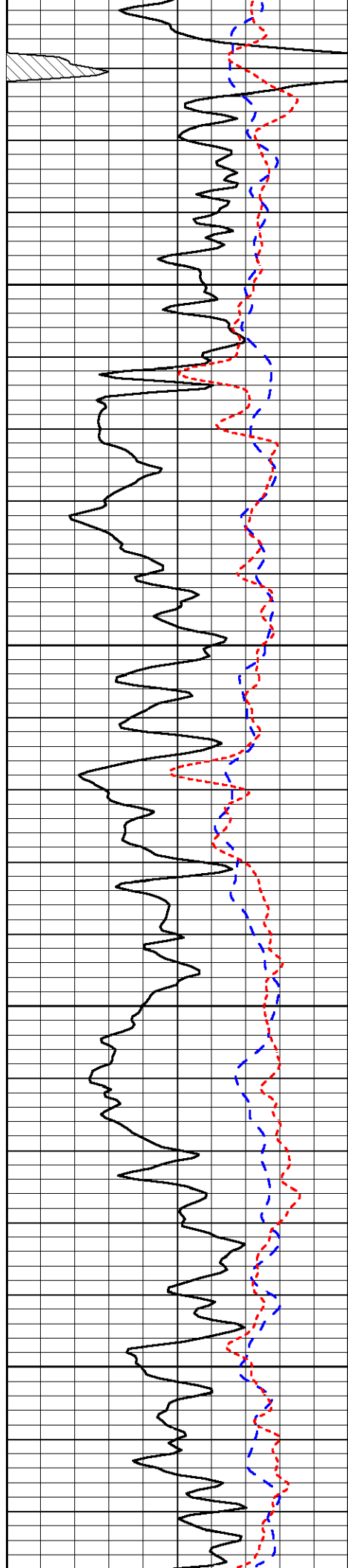
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-101

-98

-98

-98

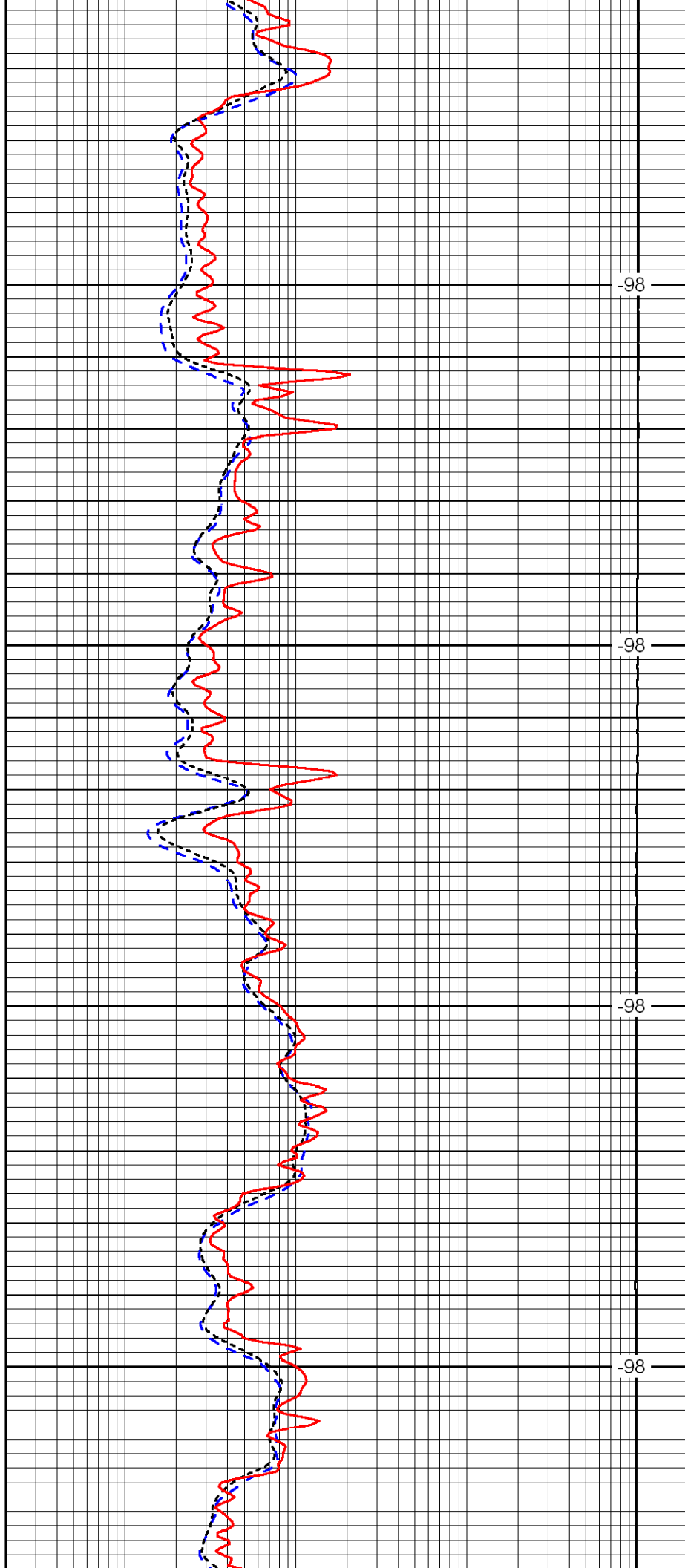


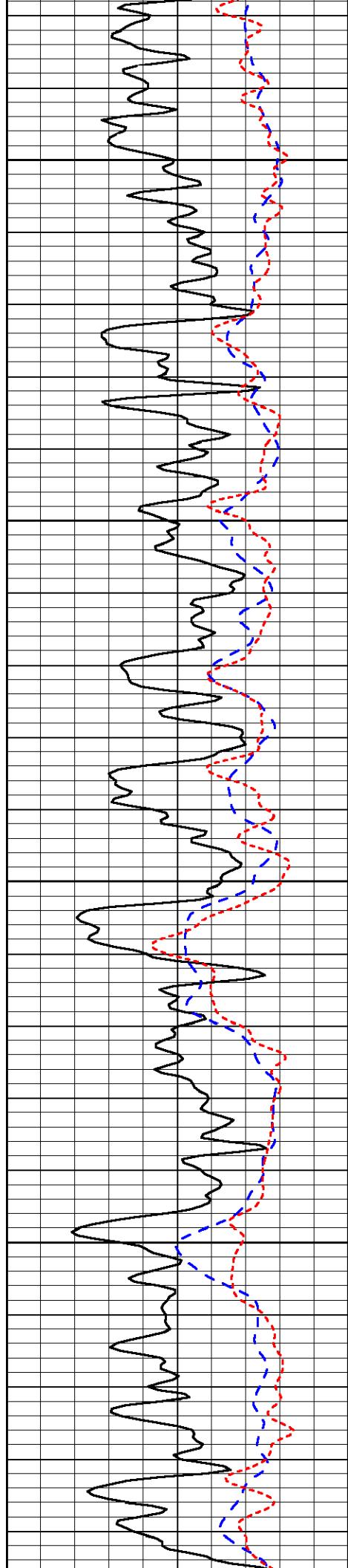
1800

1850

1900

1950



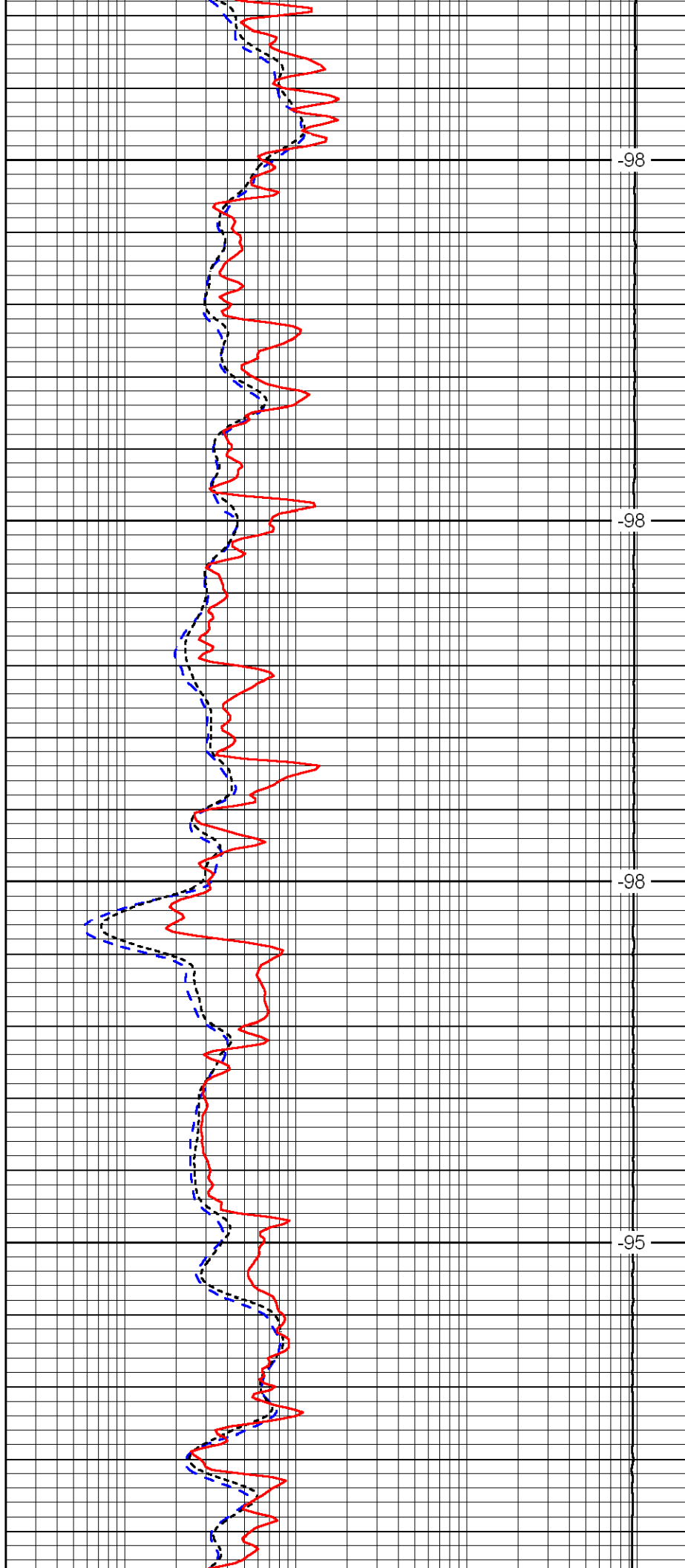


2000

2050

2100

2150

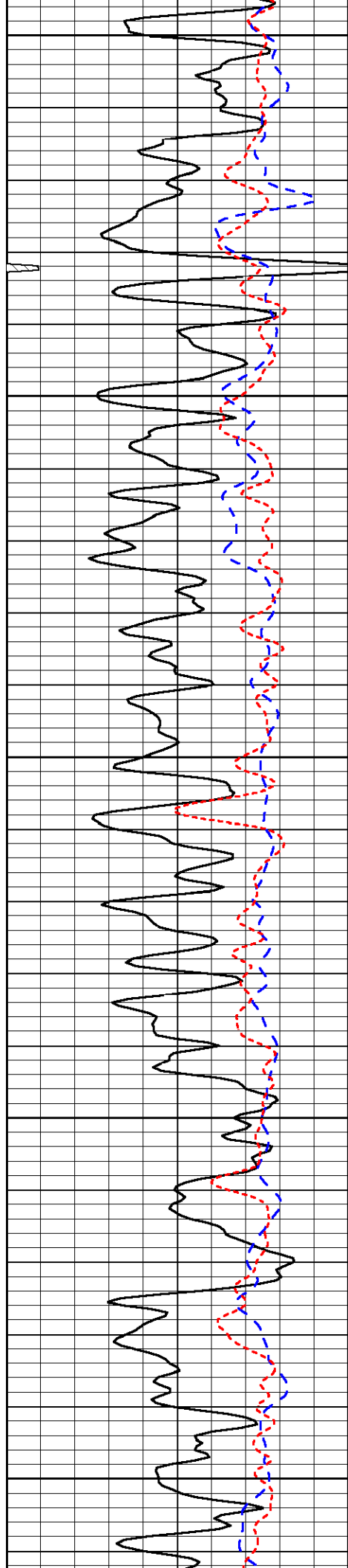


-98

-98

-98

-95



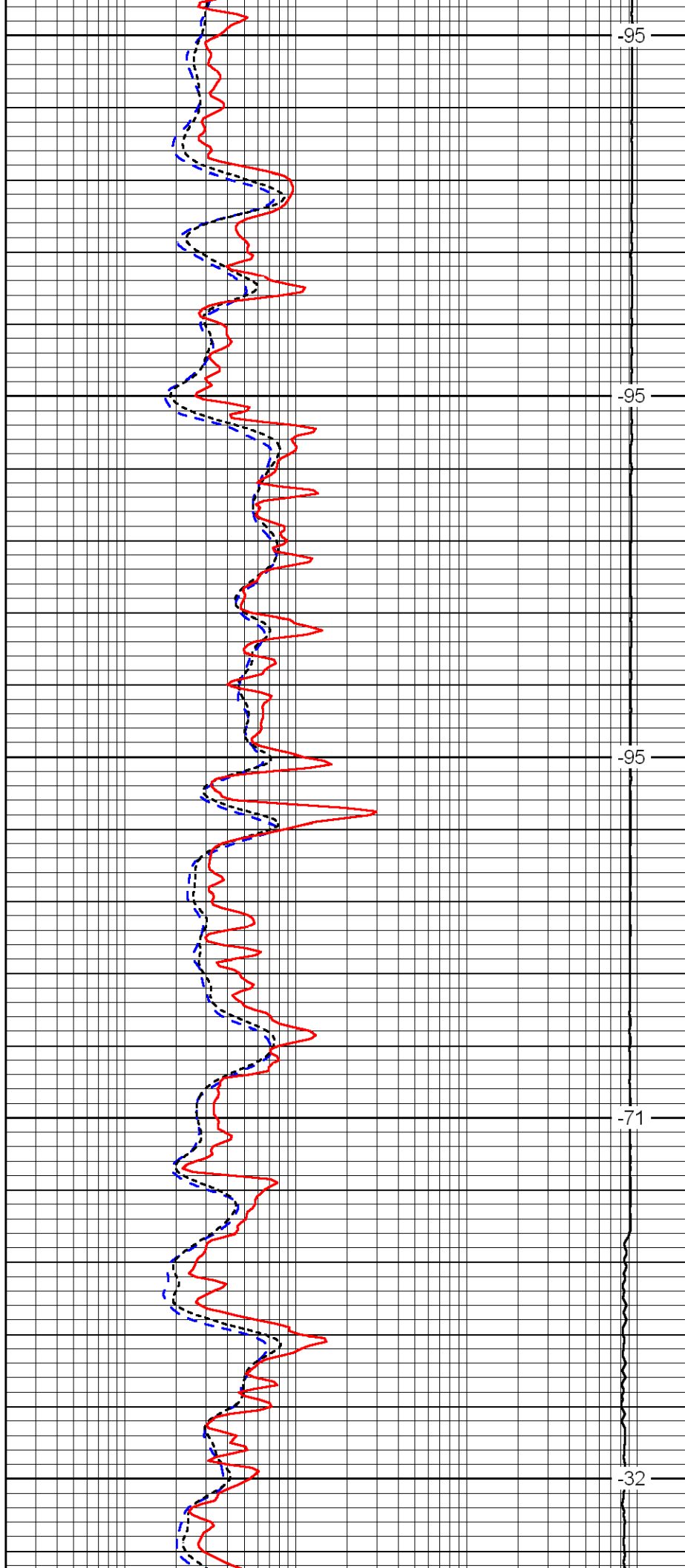
2200

2250

2300

2350

2400



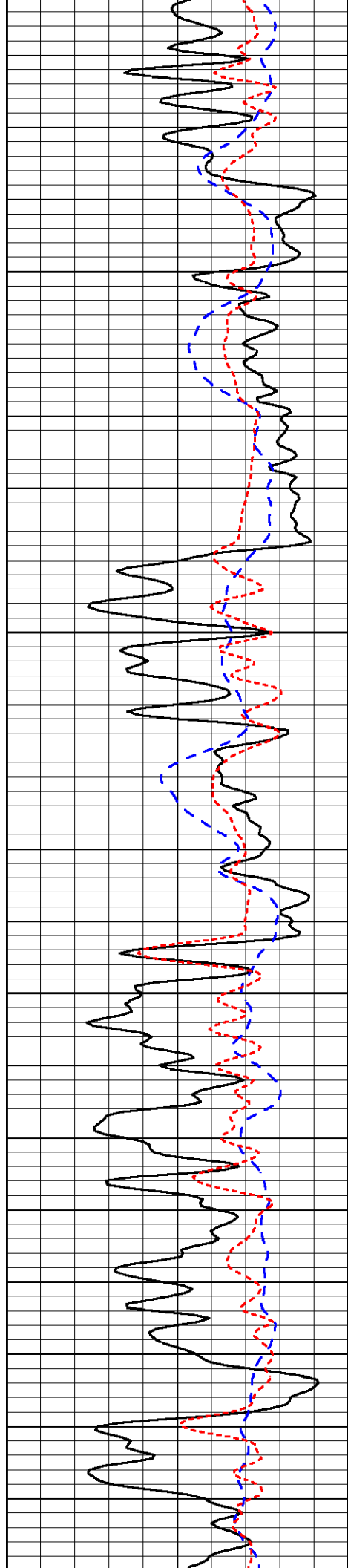
-95

-95

-95

-71

-32

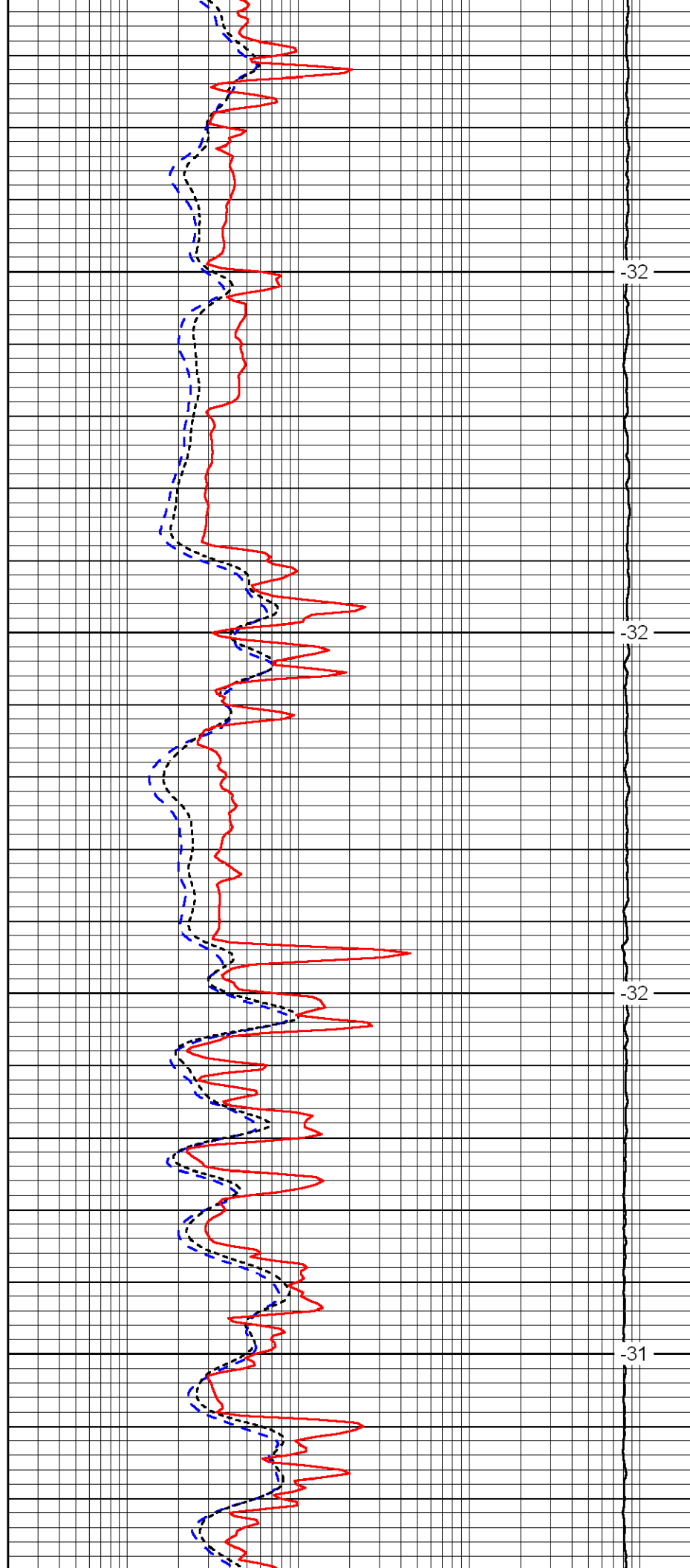


2450

2500

2550

2600

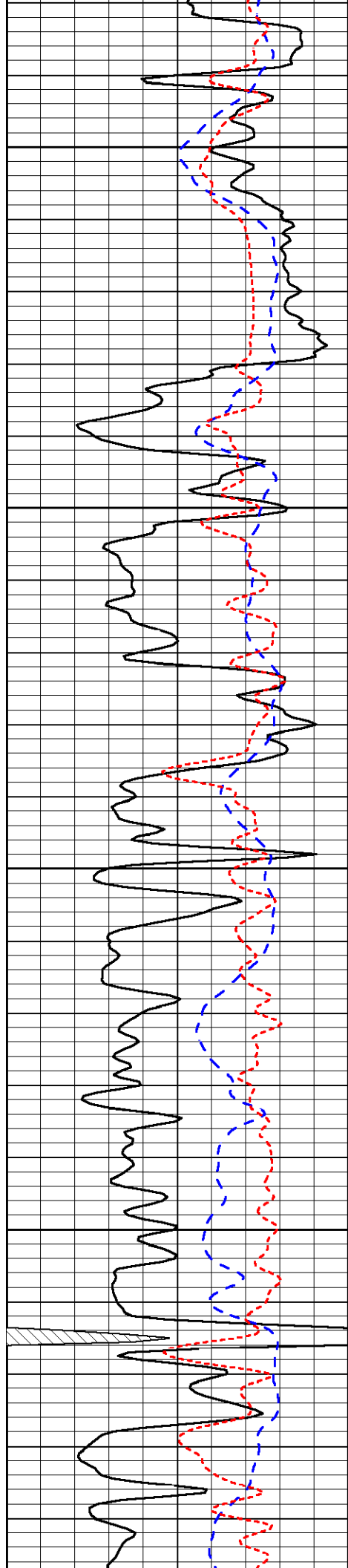


-32

-32

-32

-31

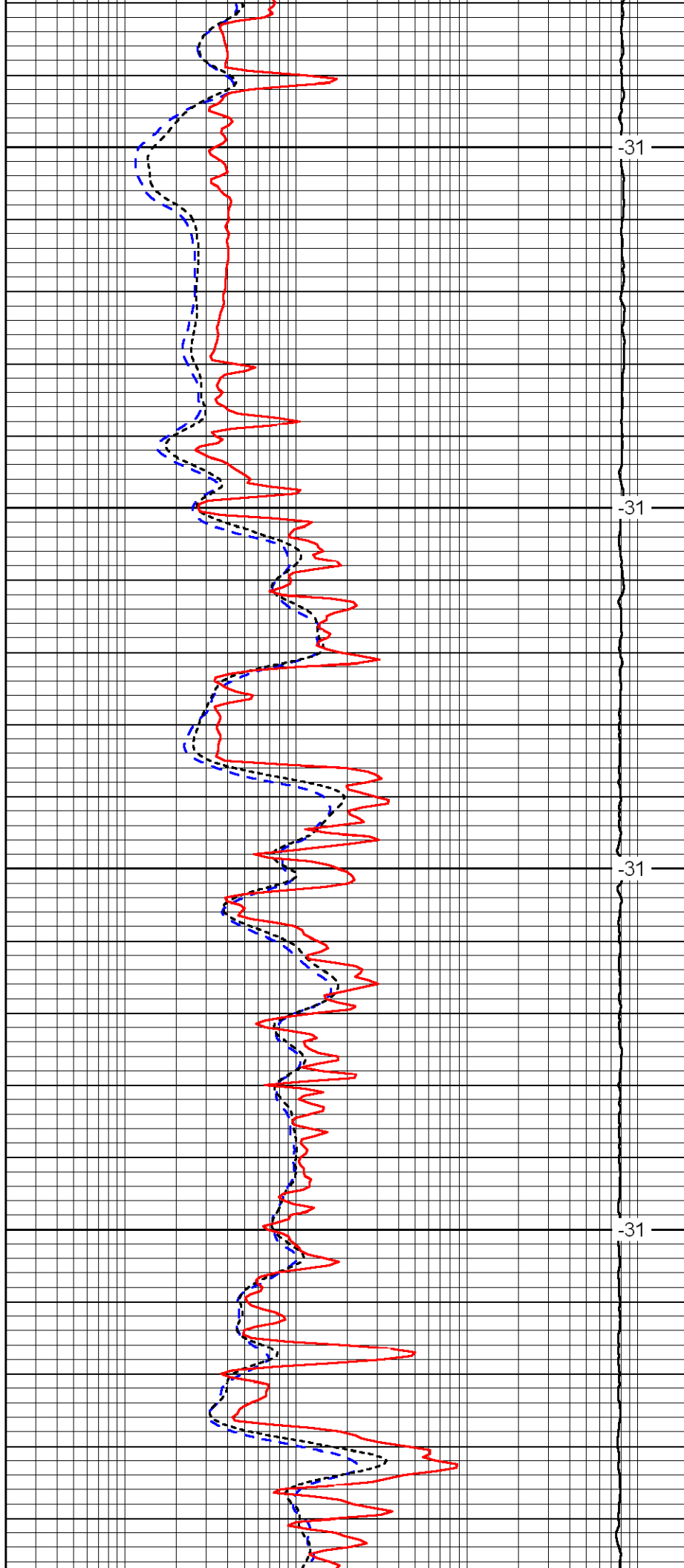


2650

2700

2750

2800

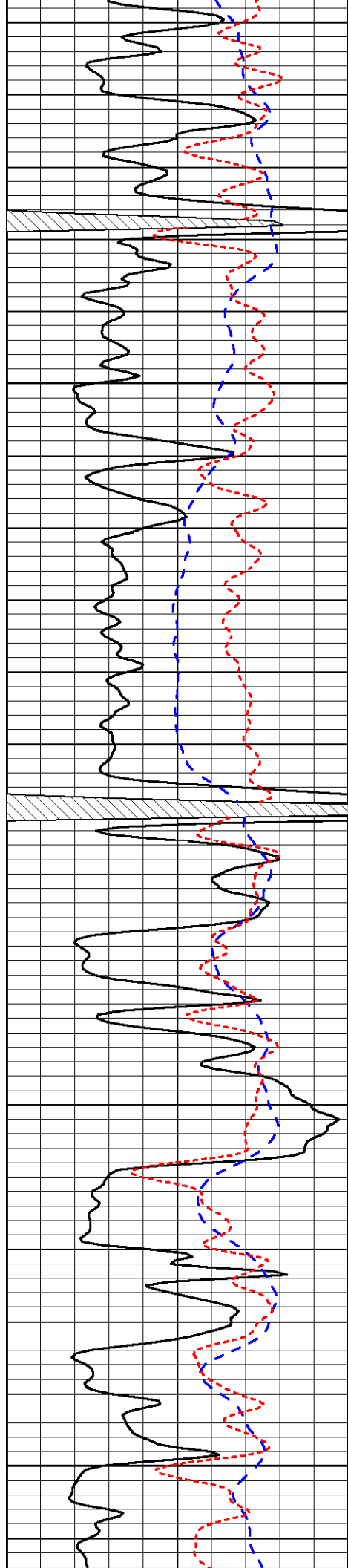


-31

-31

-31

-31



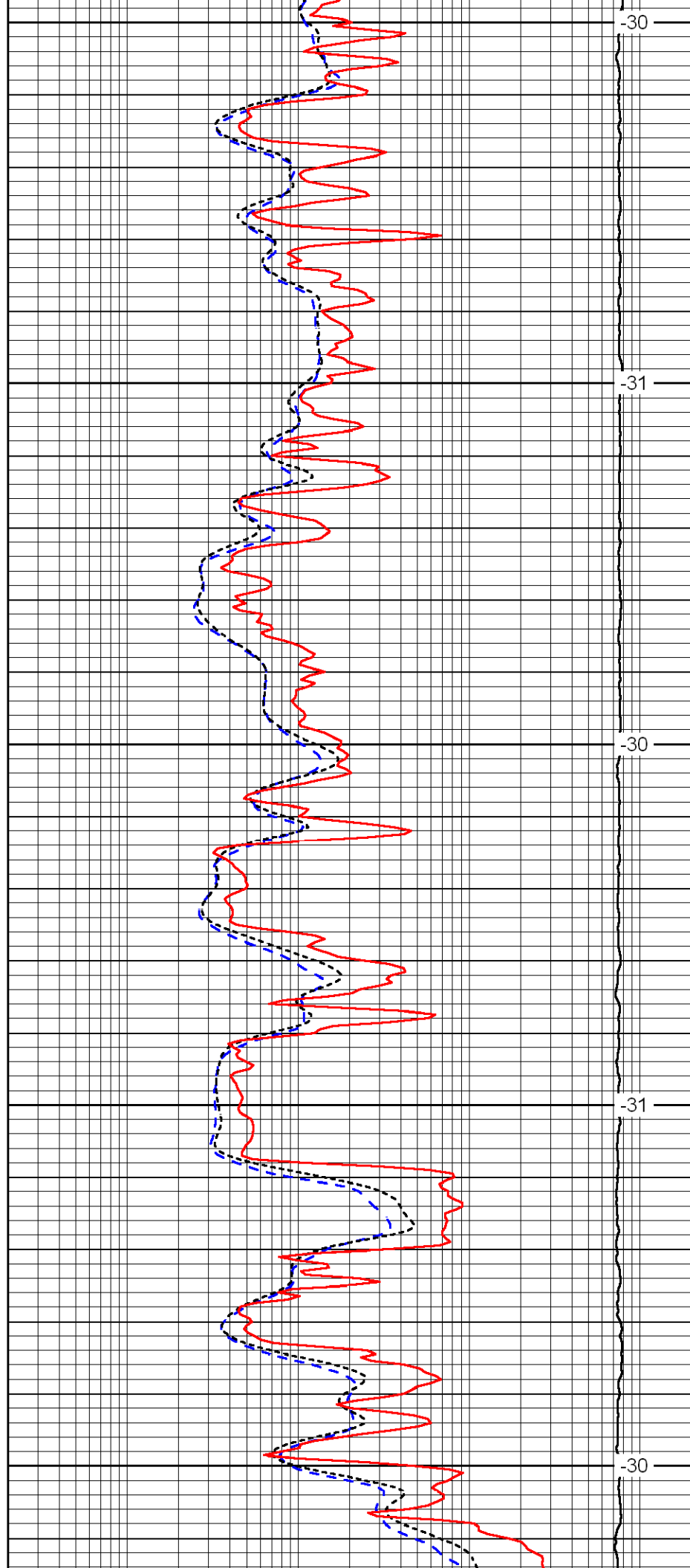
2850

2900

2950

3000

3050



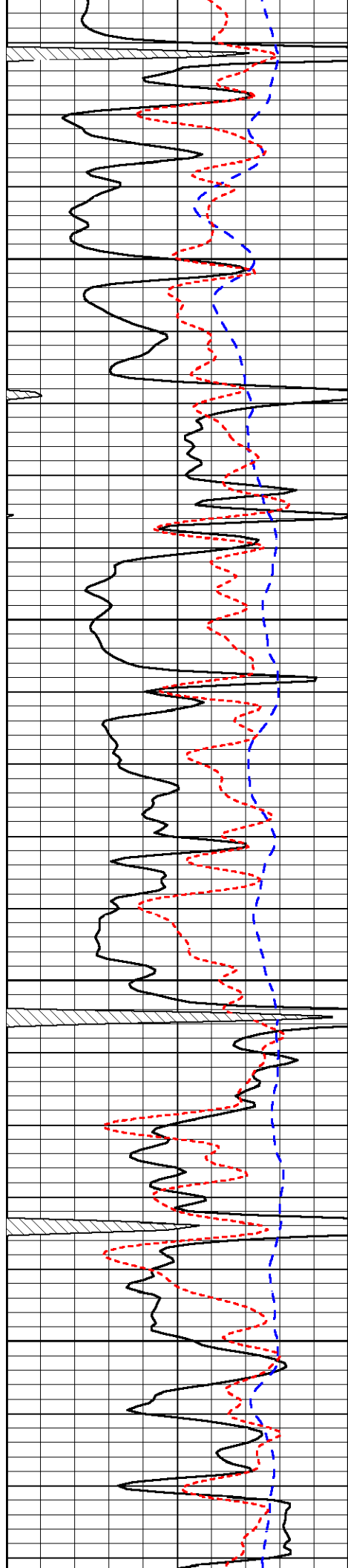
-30

-31

-30

-31

-30

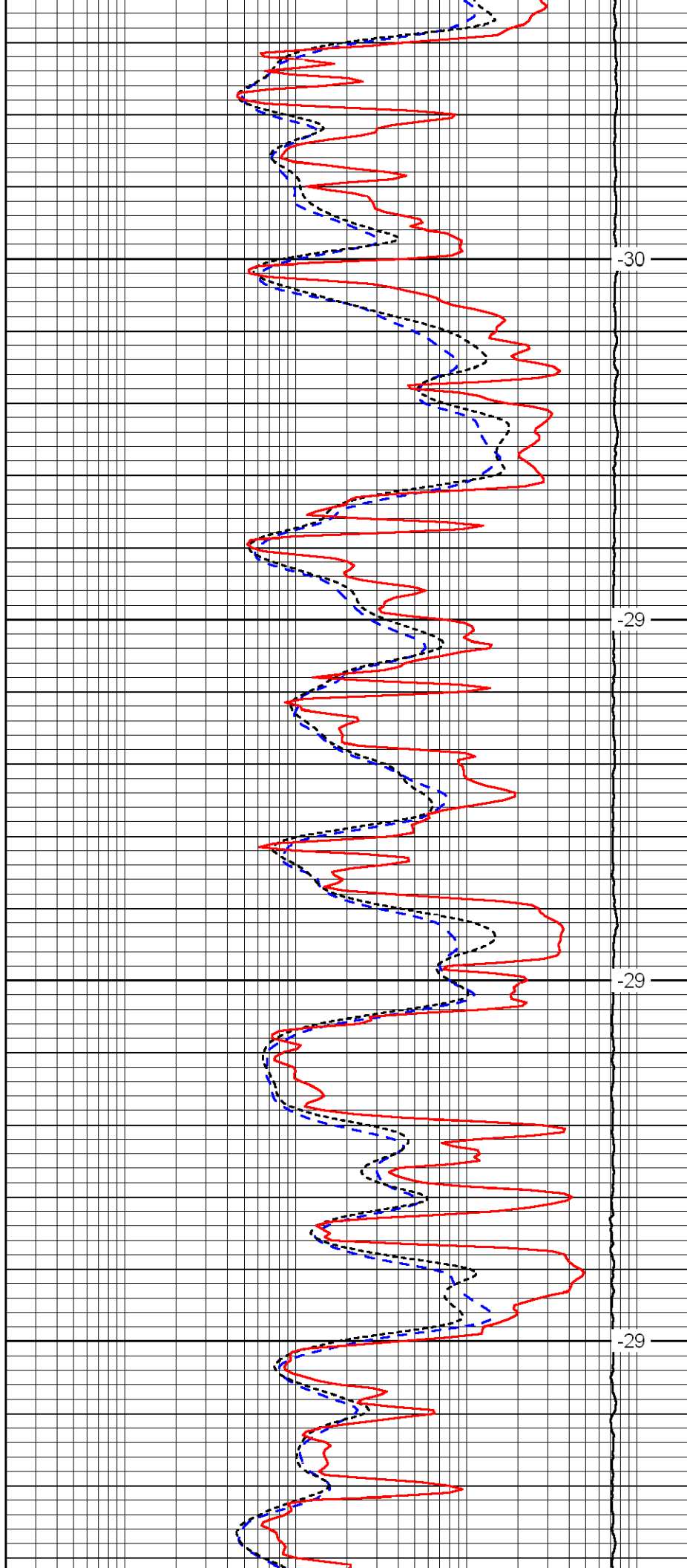


3100

3150

3200

3250

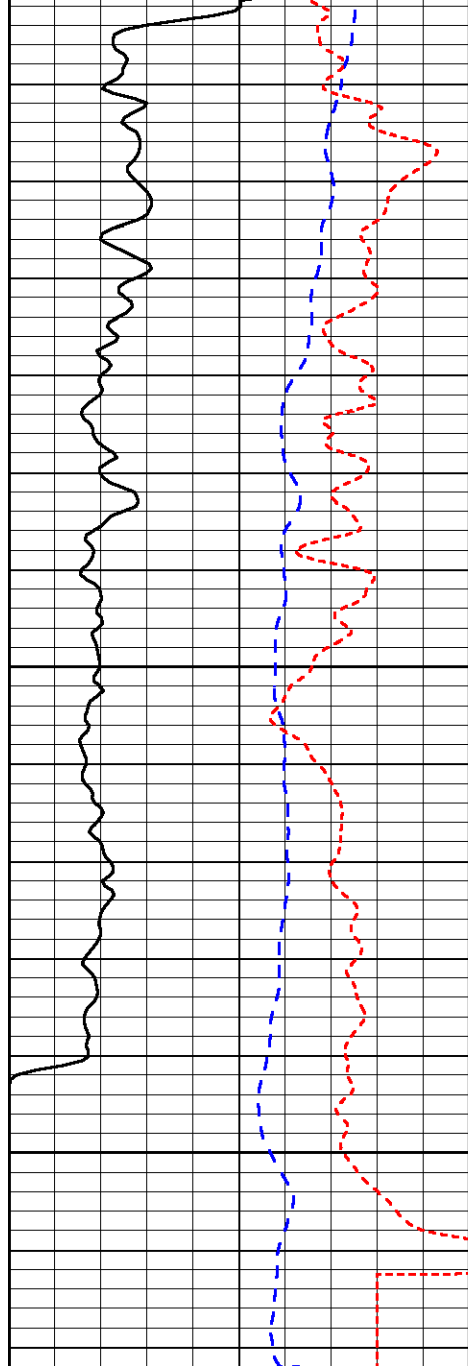


-30

-29

-29

-29

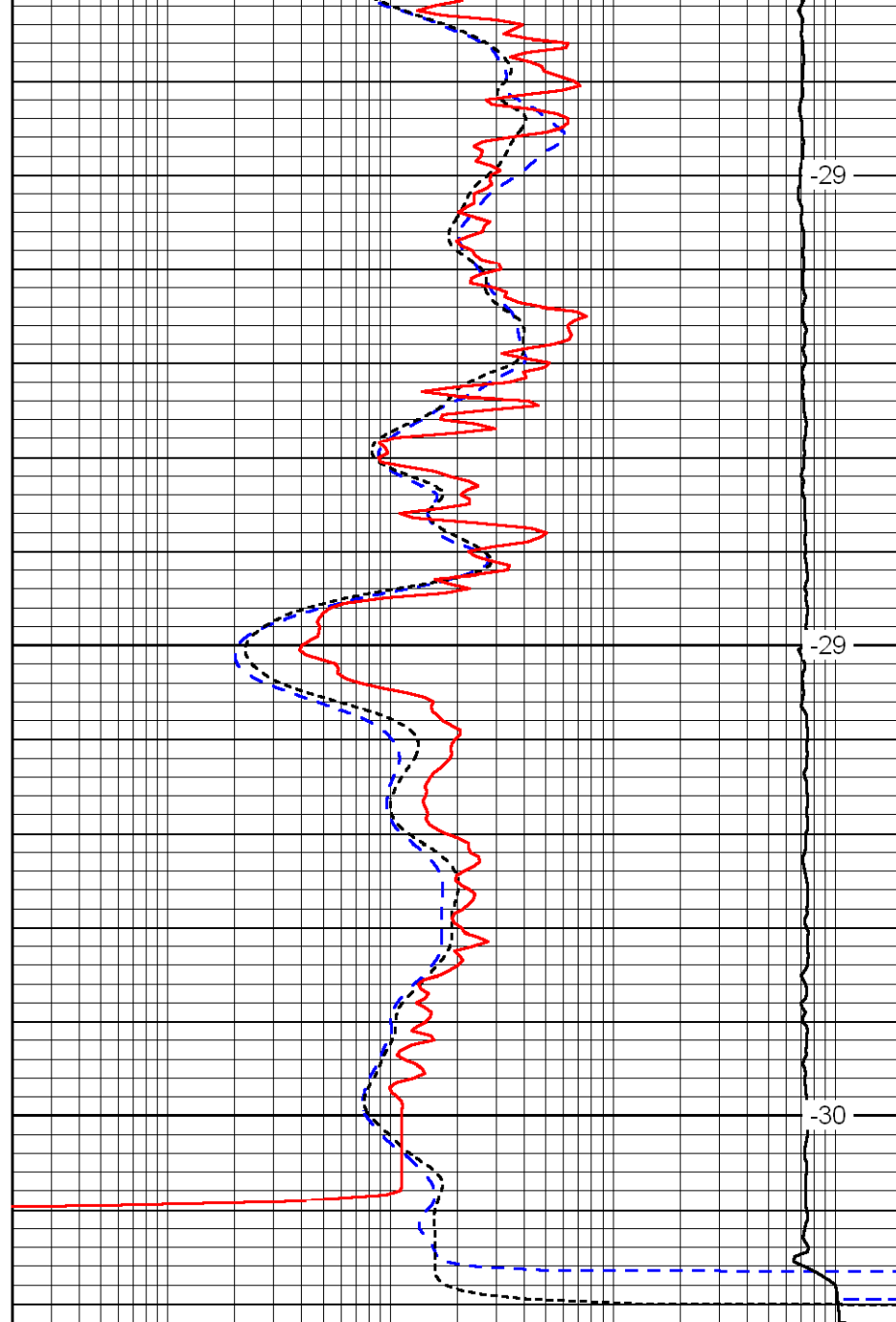


0	Gamma Ray	150
-200	SP (MV)	0
-160	Rxo / Rt	40

3300

3350

3400



-29

-29

-30

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
15000	Line Tension (lb)	0

LSPD
(ft/min)