



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	15-071-20,873-00-00	
Company	Murfin Drilling Company, Inc.	
Well	Wright #1-4	
Field	Wildcat	
County	Greeley	State Kansas
Location	NE SW NW 1900' FSL & 2300' FEL	
Sec: 4	Twp: 17 S	Rge: 42 W
Other Services	CNL / CDL MEL / BHCS	
Elevation	K.B. 3846 D.F. 3836 G.L. 3836	

Permanent Datum	Ground Level	Elevation 3836
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	
Date	4/10/2009	
Run Number	One	
Depth Driller	5220	
Depth Logger	5220	
Bottom Logged Interval	5219	
Top Log Interval	0	
Casing Driller	8.625 @ 310	
Casing Logger	304	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	6,500	
Density / Viscosity	9.4	65
pH / Fluid Loss	11.5	7.8
Source of Sample	Flowline	
Rm @ Meas. Temp	0.83 @	72
Rmf @ Meas. Temp	0.62 @	72
Rmc @ Meas. Temp	1.12 @	72
Source of Rmf / Rmc	Charts	
Rm @ BHT	0.46 @	130
Operating Rig Time	4 1/2 Hours	
Max Rec. Temp. F	130	
Equipment Number	17	
Location	Hays	
Recorded By	T. Martin	
Witnessed By	Scott Banks	B. Reiners Sean Deenihan

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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
 Sharon Springs, 17 S (Btwn MM 123 & 122).
 11 W, 3 1/2 S, W Into

Database File: c:\warrior\data\murfin_wright #1-4\mfndb.db
 Dataset Pathname: dil/mfnstk
 Presentation Format: dil2in
 Dataset Creation: Fri Apr 10 19:04:10 2009
 Charted by: Depth in Feet scaled 1:600

0 Gamma Ray 150
-200 SP (MV) 0

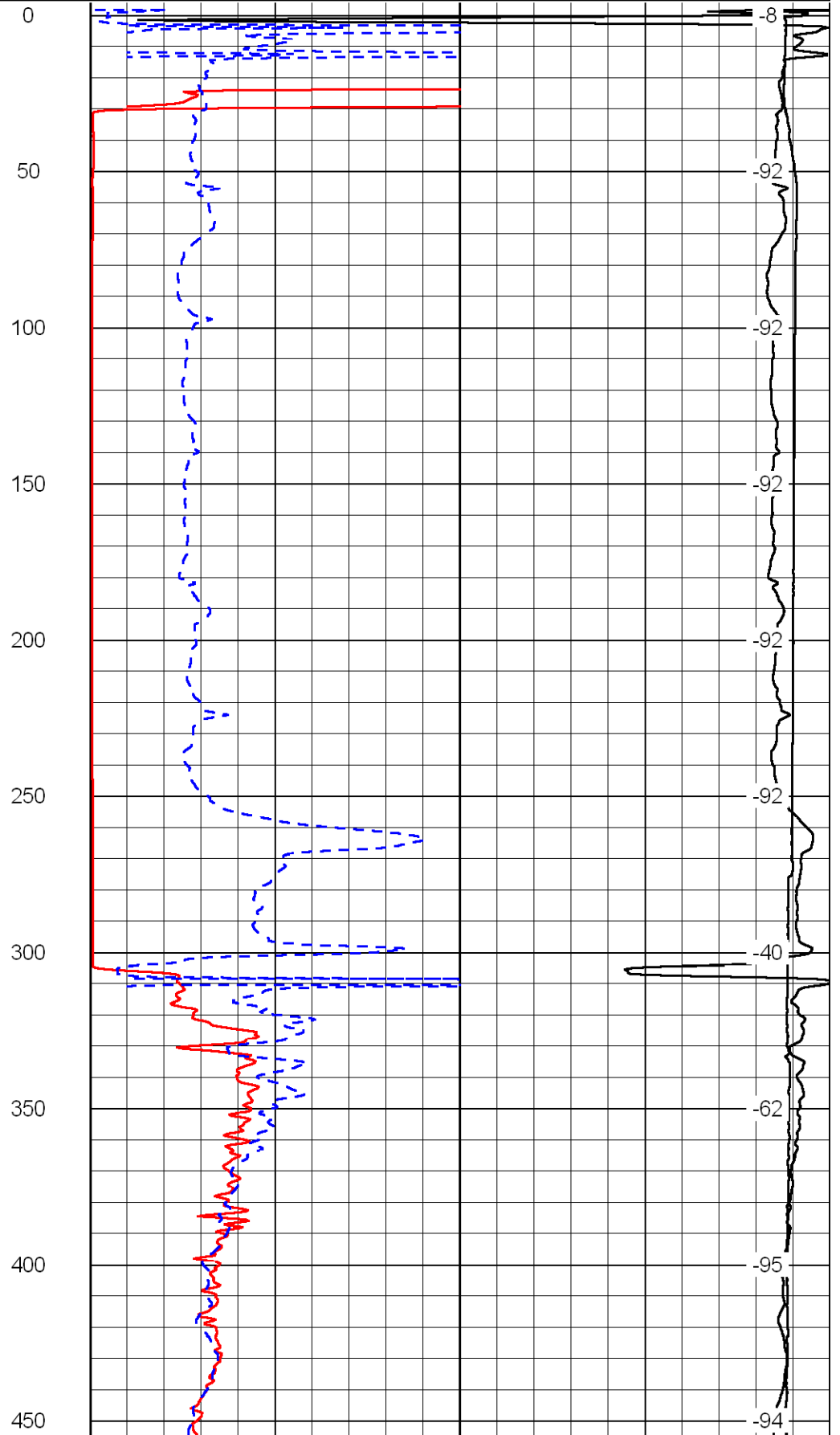
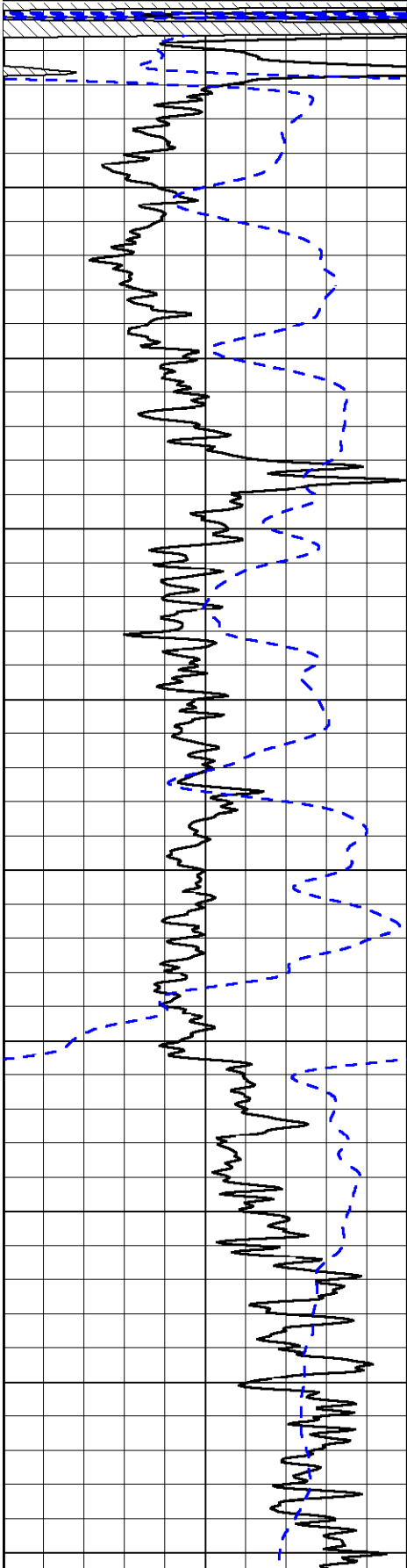
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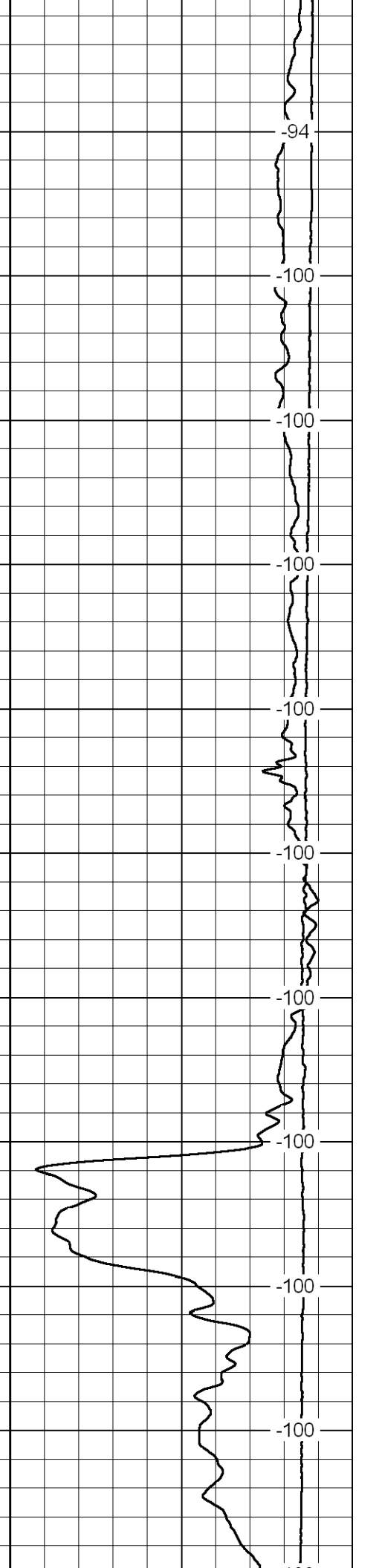
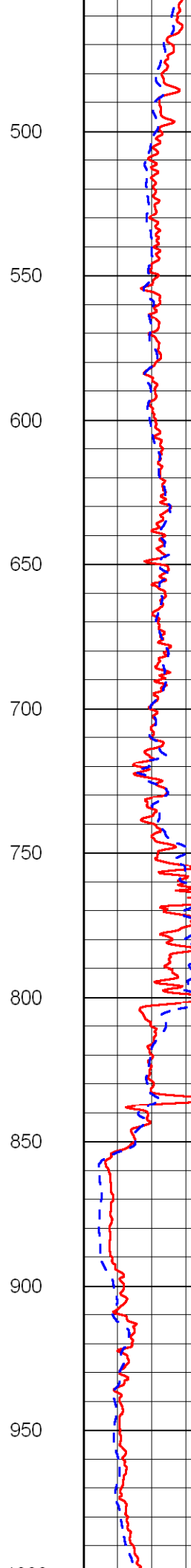
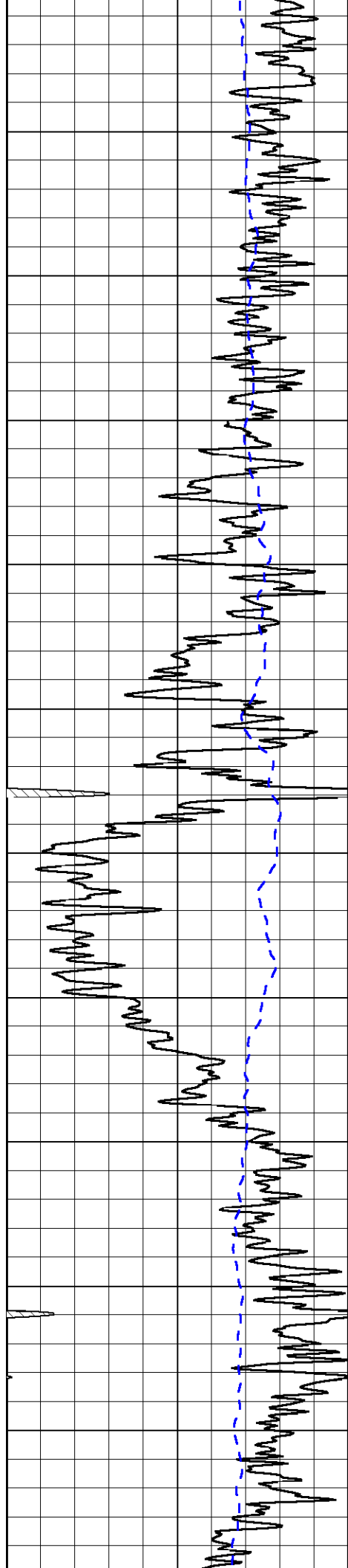
LSPD
(ft/min)

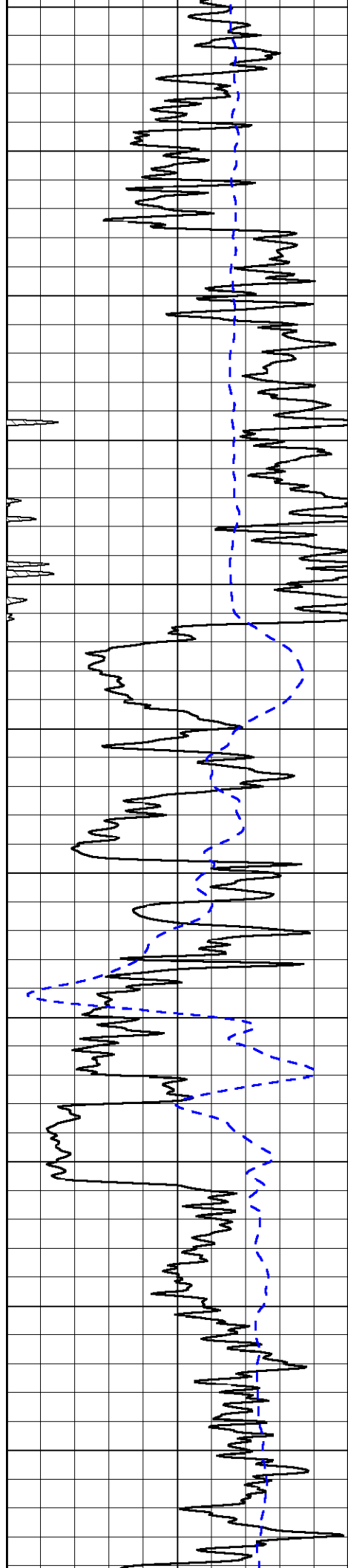
1000 Conductivity (mmho/m) 0

15000 Line Tension (lb) 0

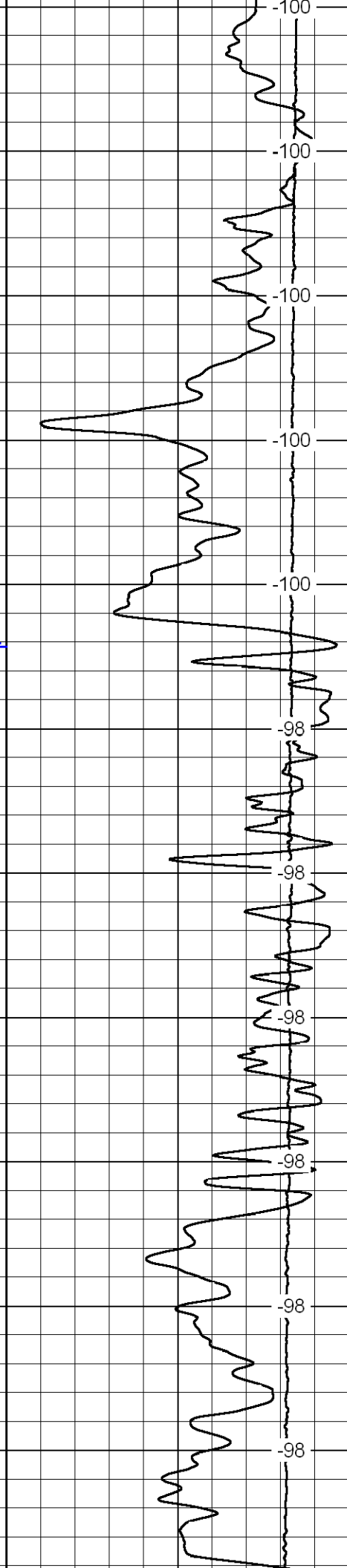
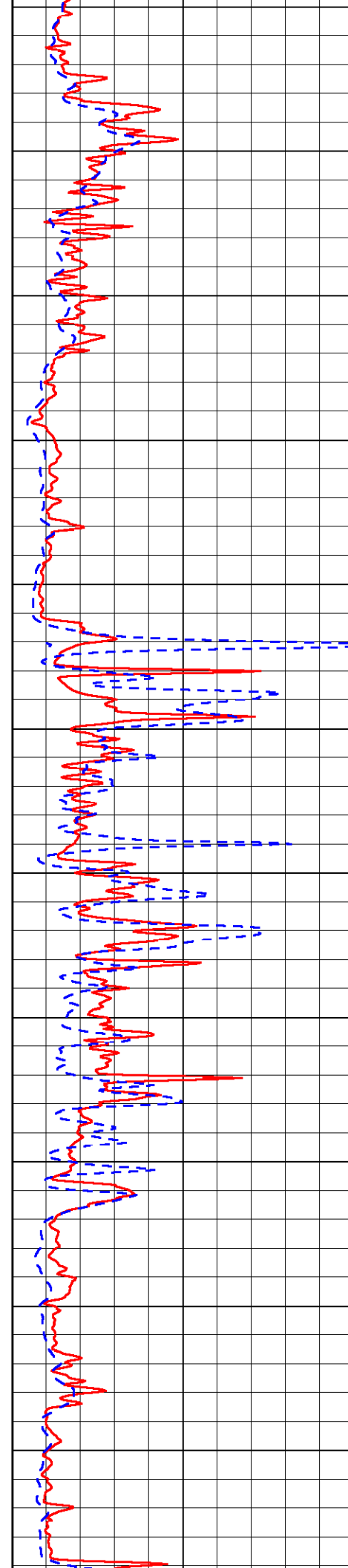
Shallow Resistivity
50 (Ohm-m) 500
50 Deep Resistivity (Ohm-m) 500

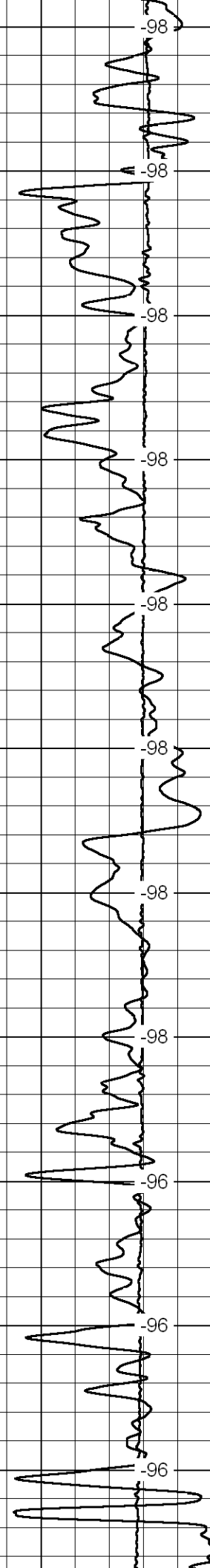
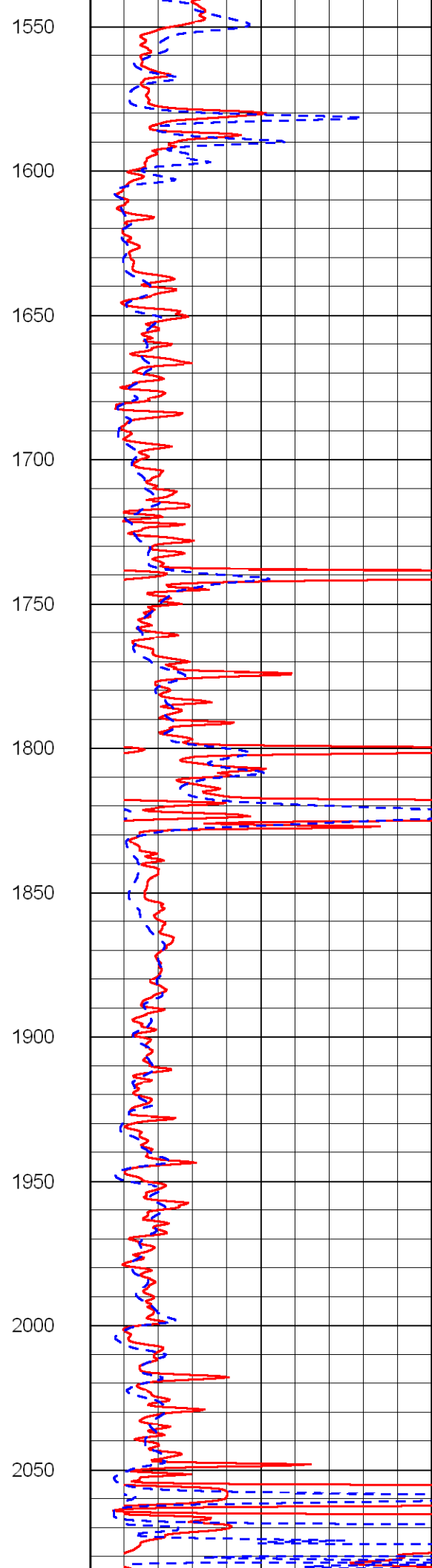
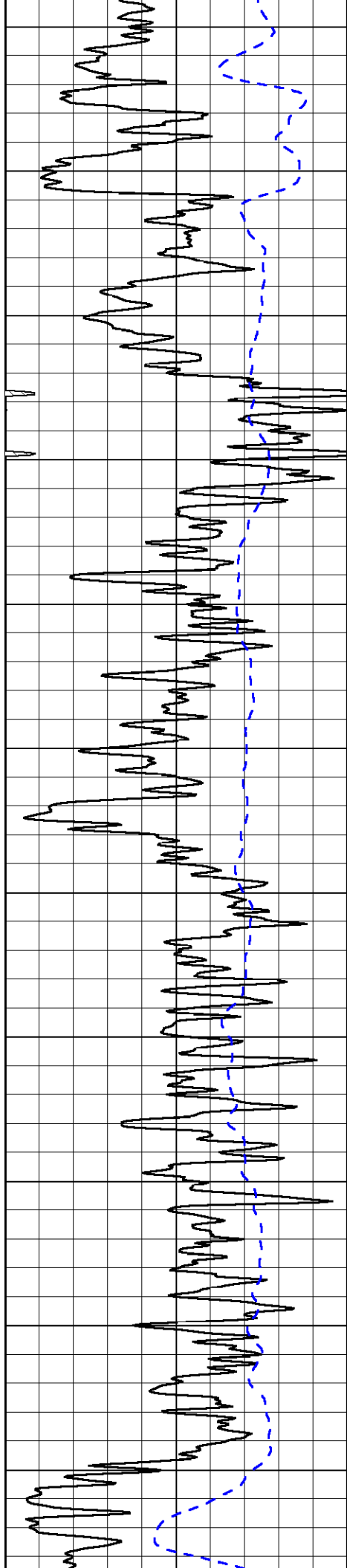


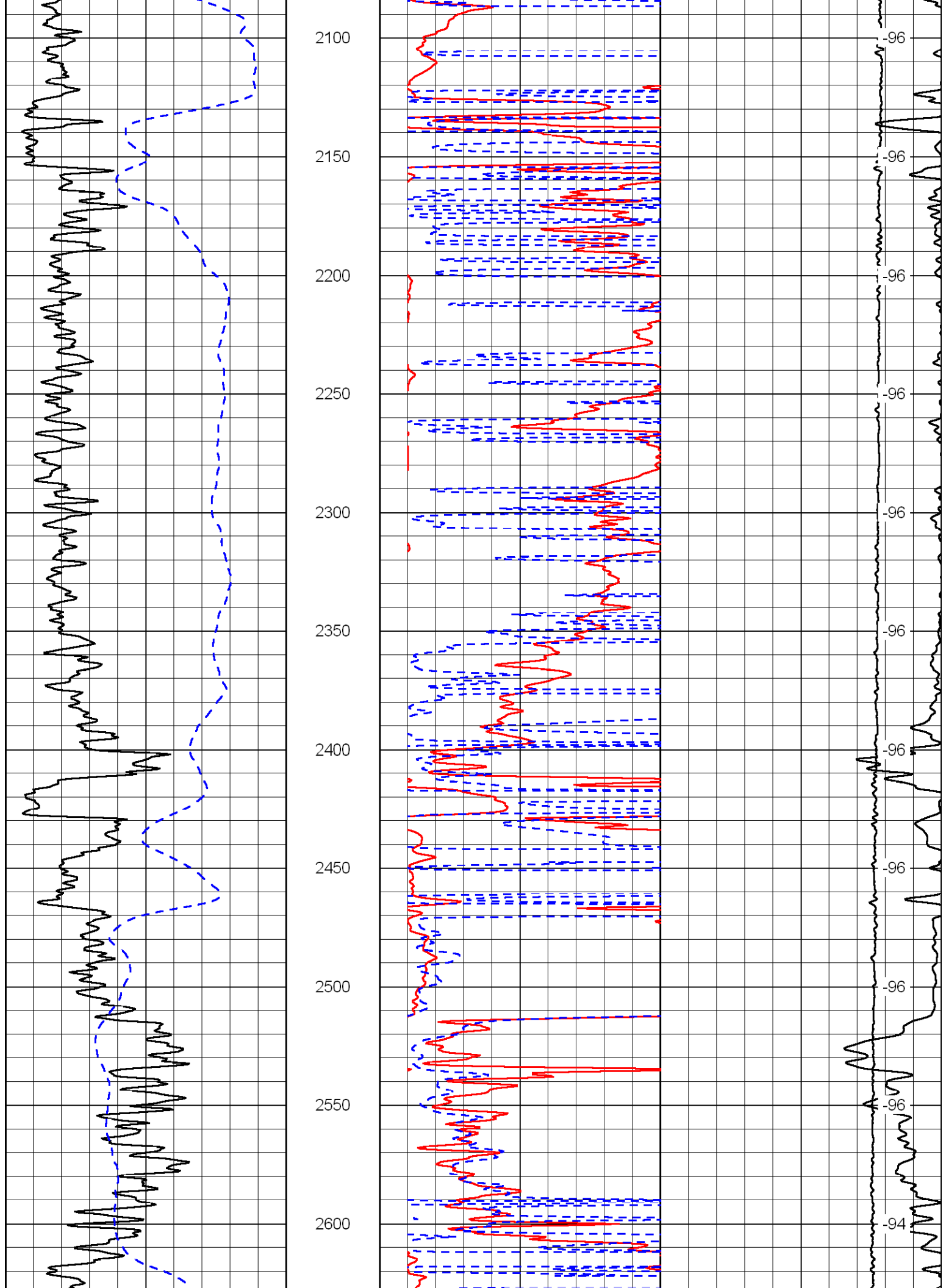


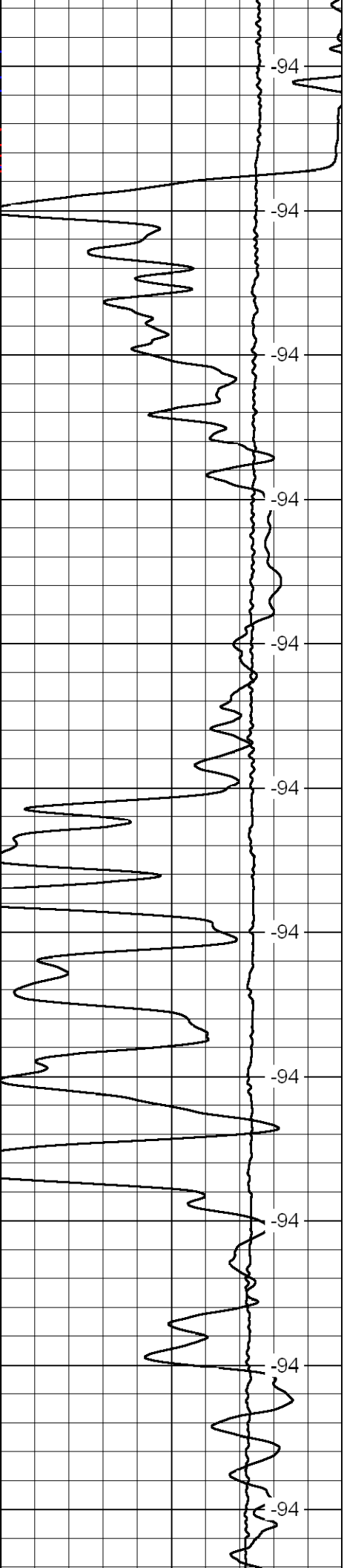
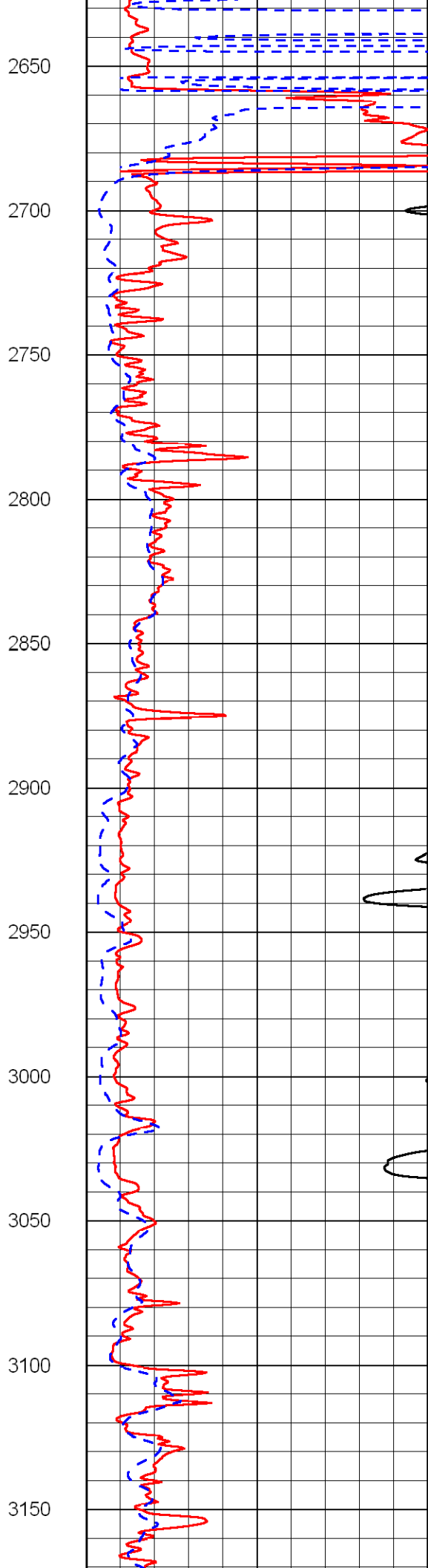
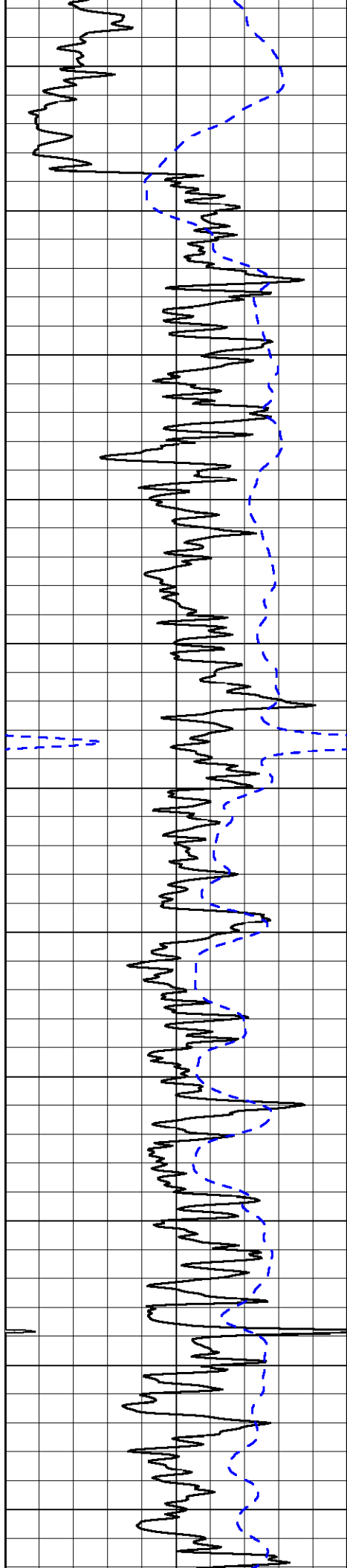


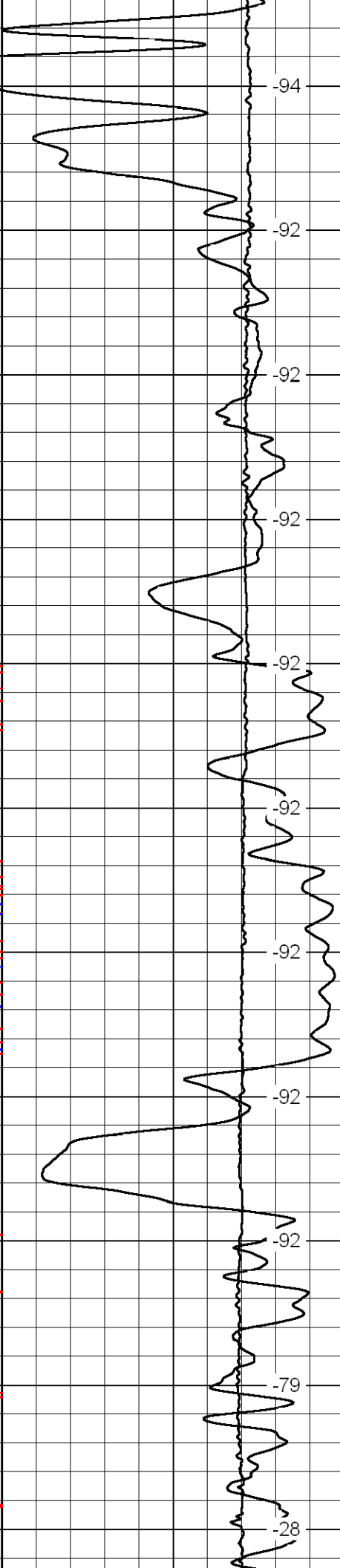
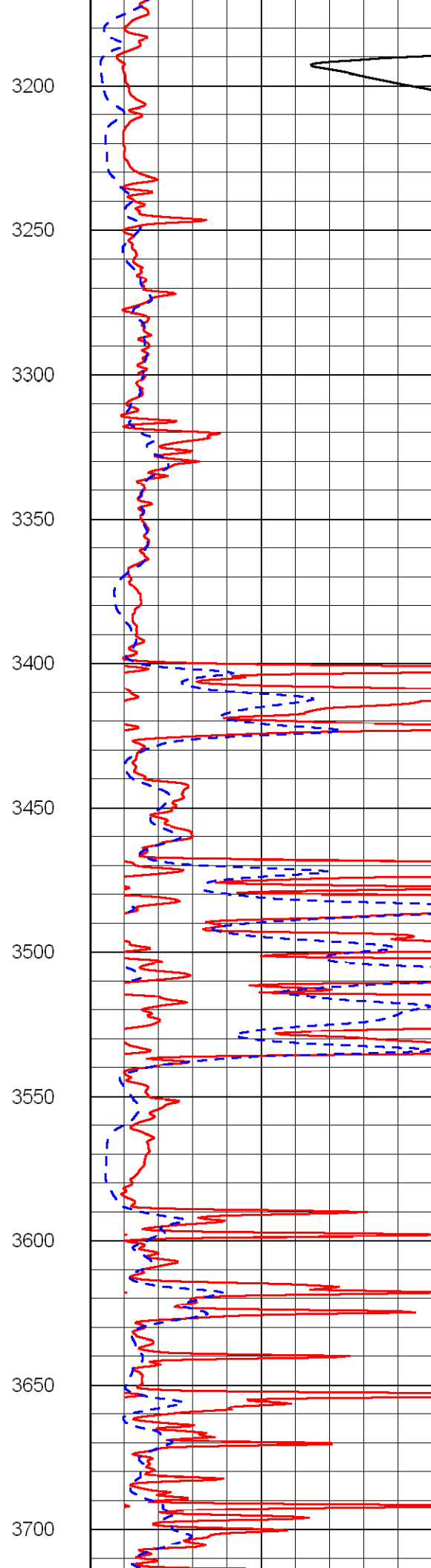
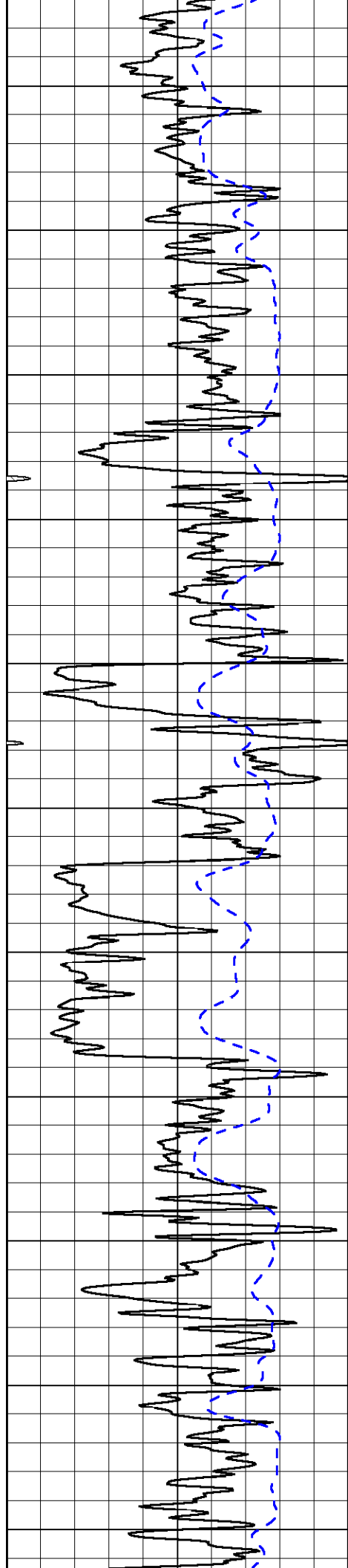
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1050
1100
1150
1200
1250
1300
1350
1400
1450
1500

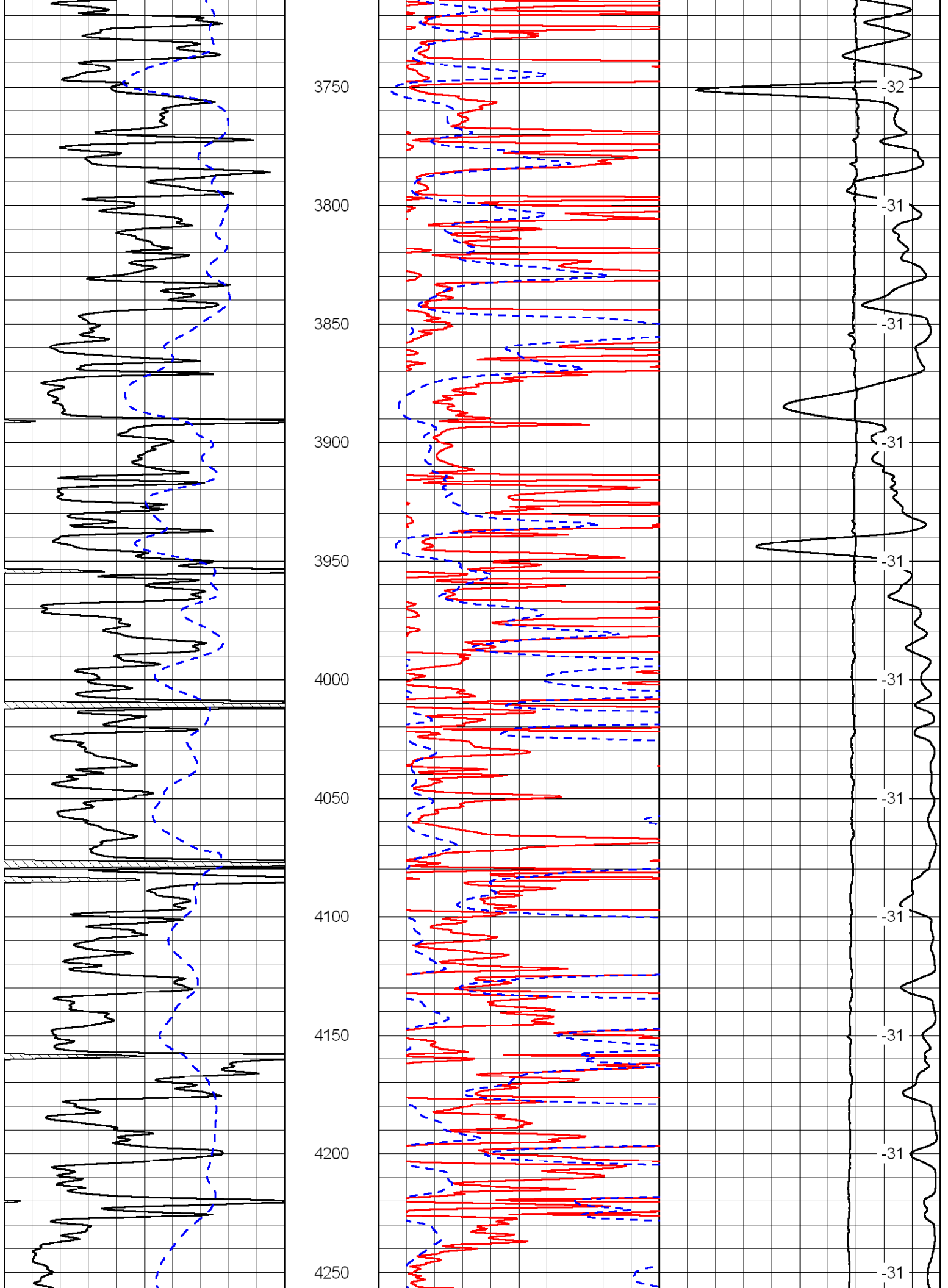


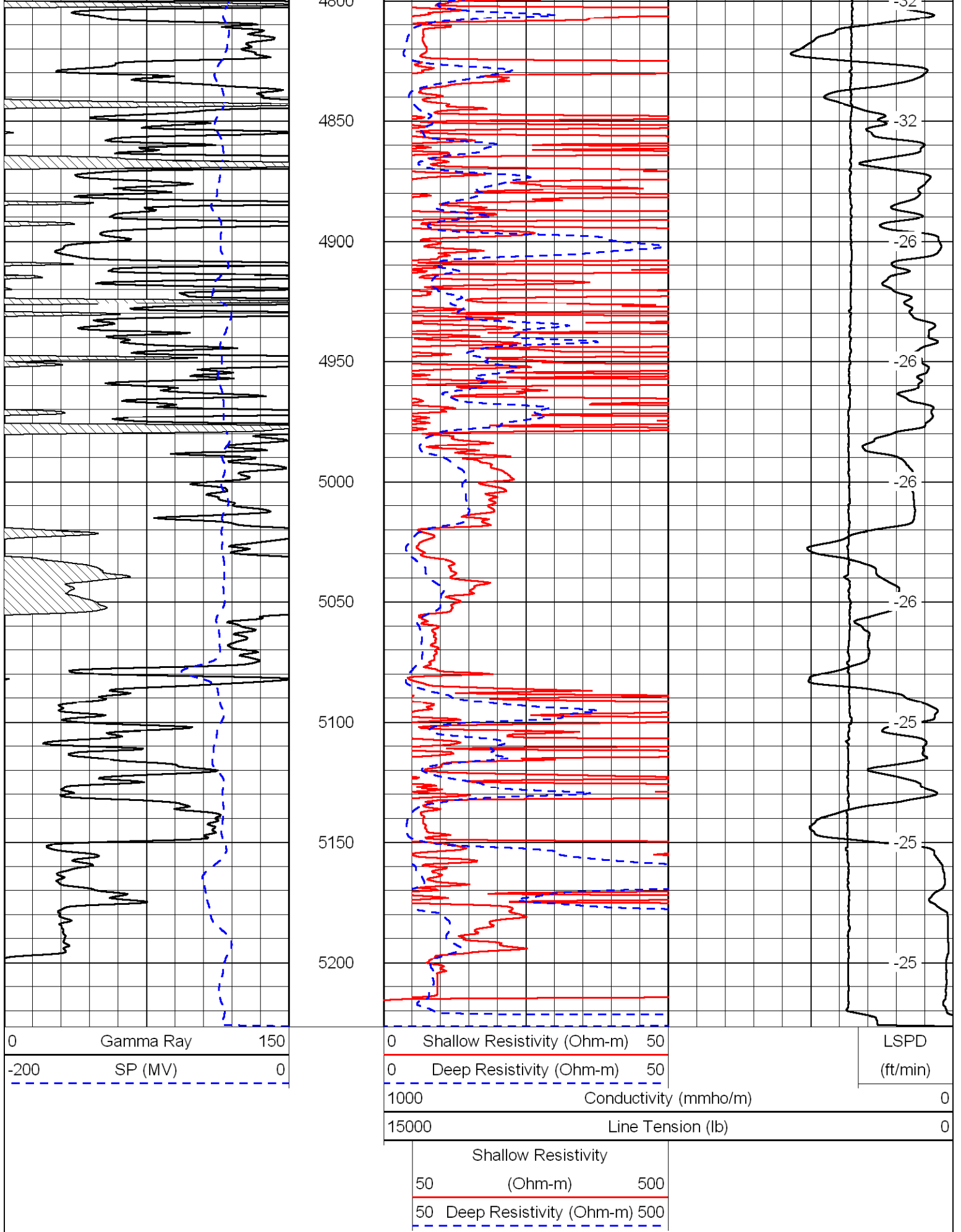










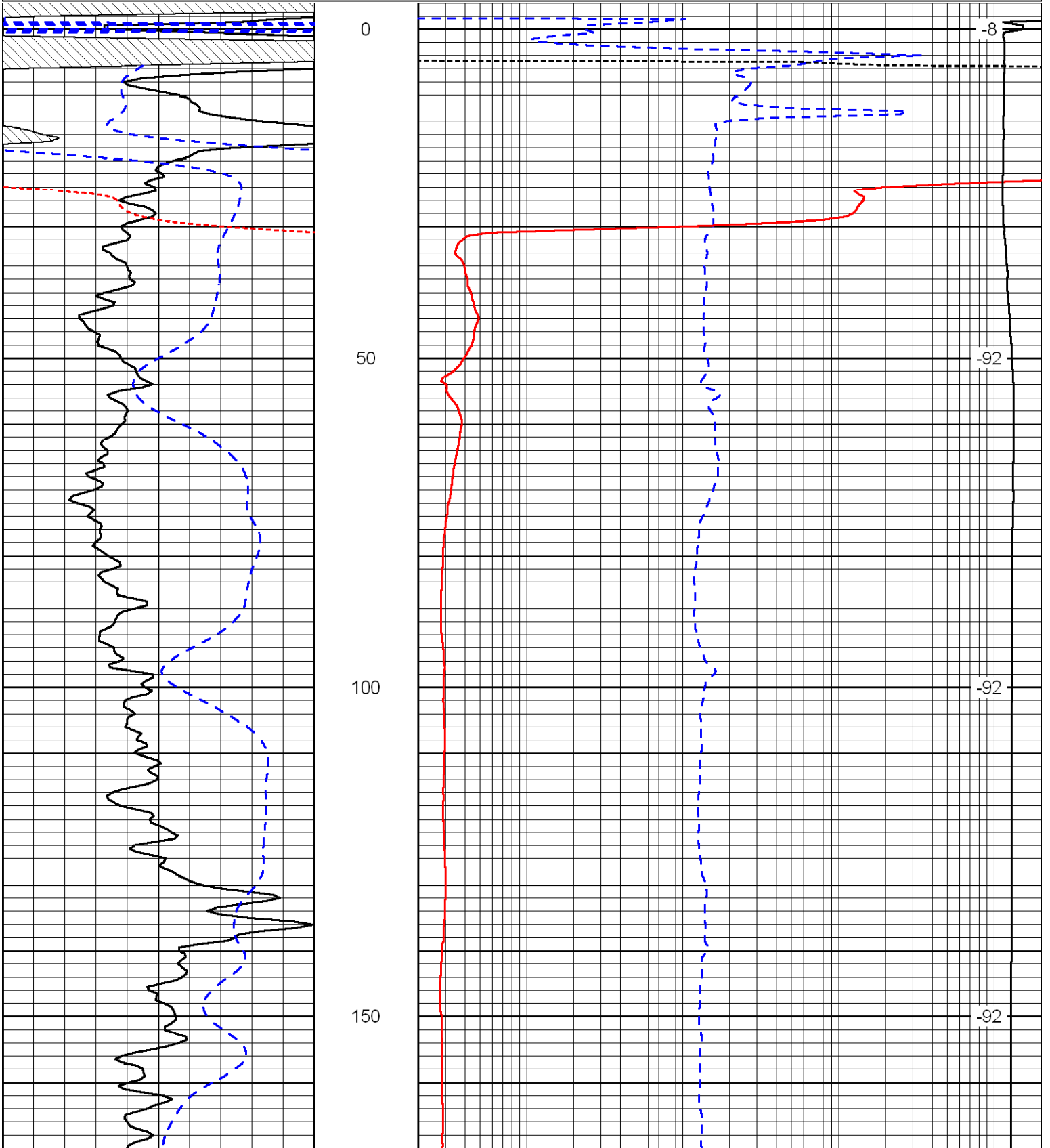


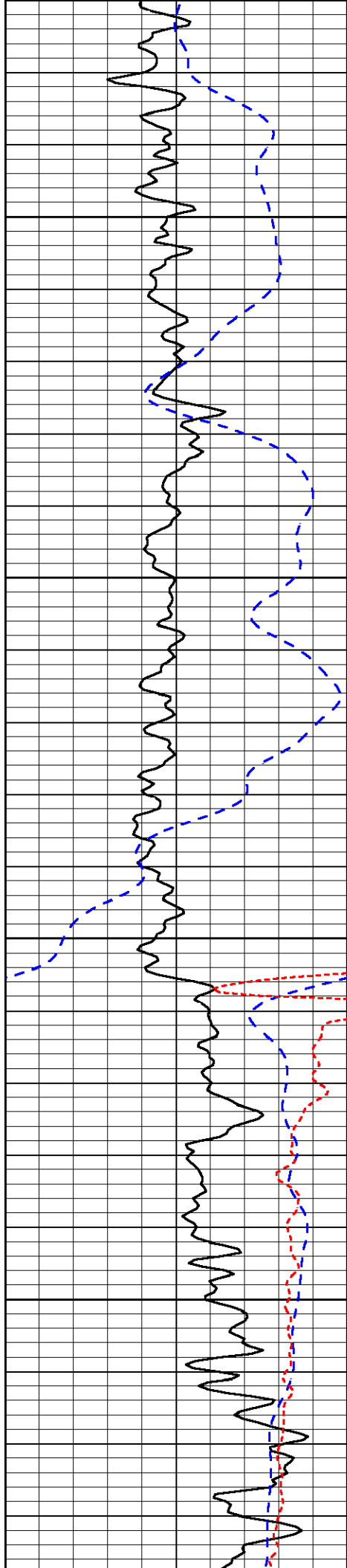
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 Presentation Format: dil
 Dataset Creation: Fri Apr 10 19:04:10 2009
 Charted by: Depth in Feet scaled 1:240

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

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)



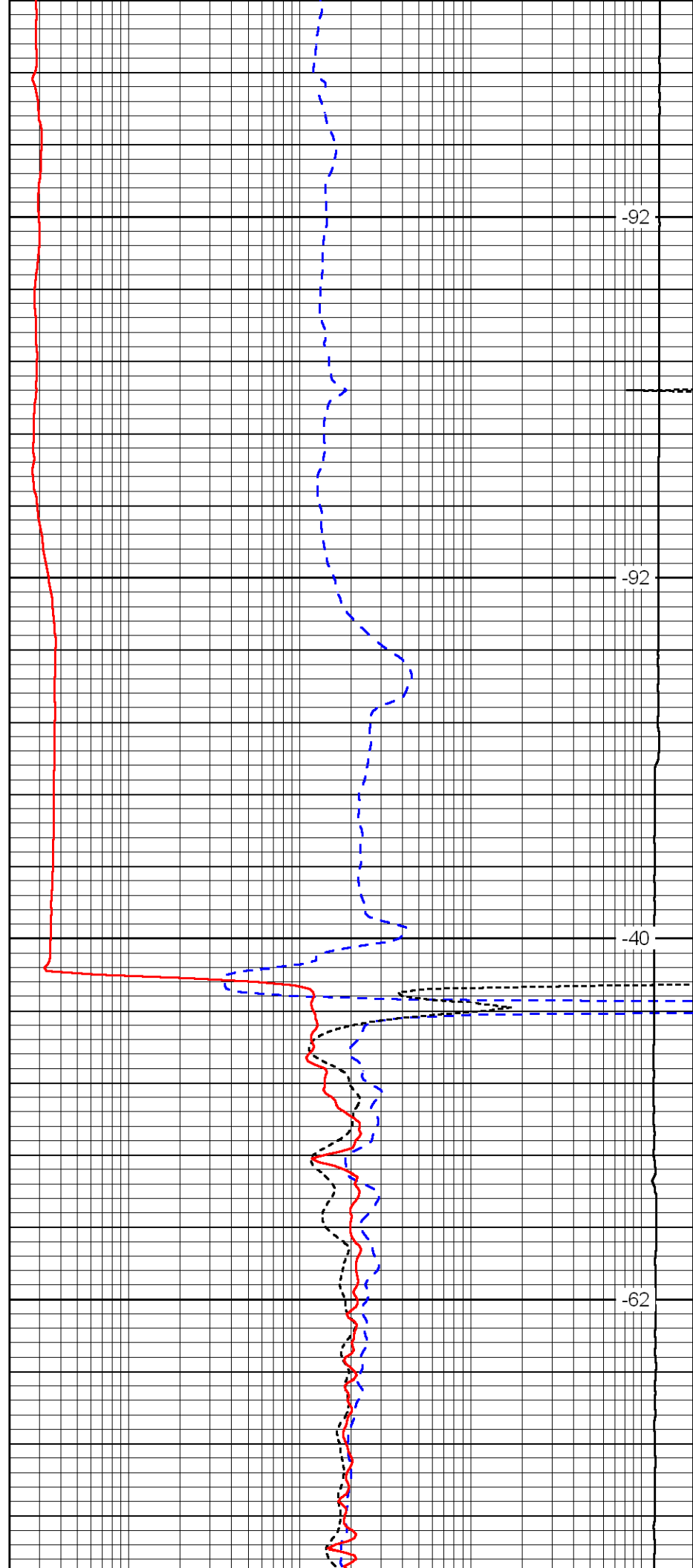


200

250

300

350

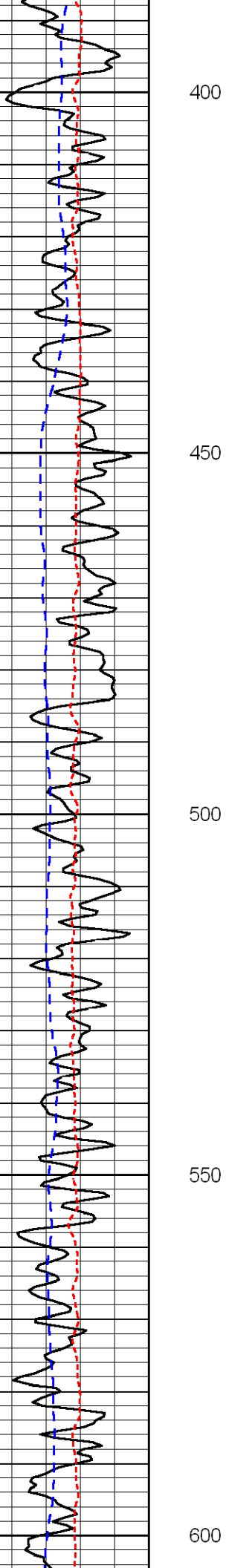


-92

-92

-40

-62



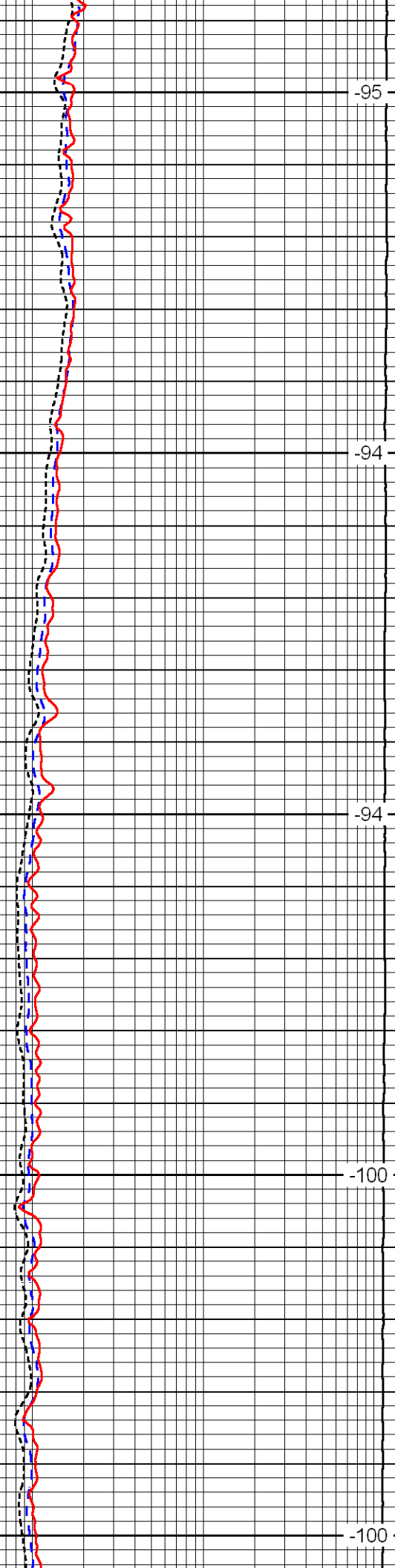
400

450

500

550

600



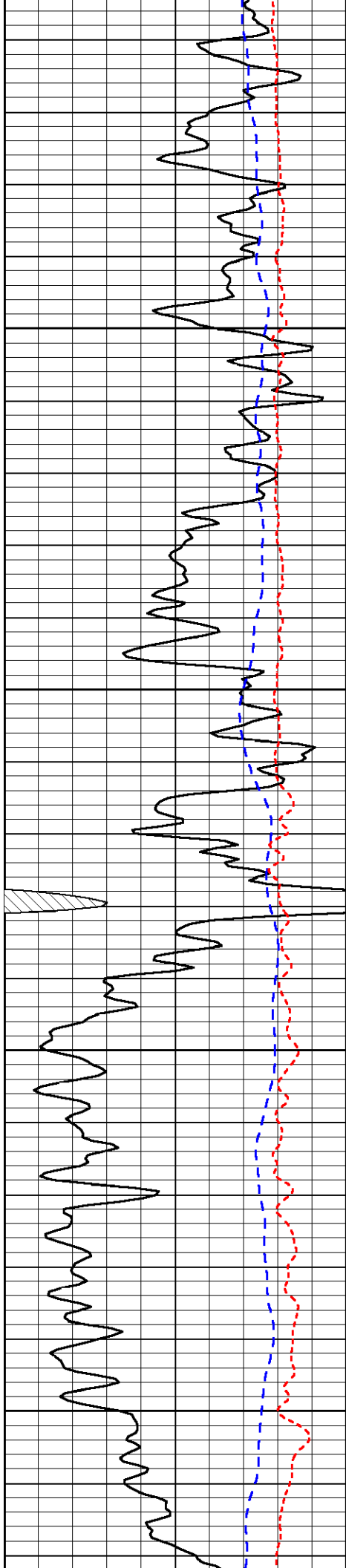
-95

-94

-94

-100

-100

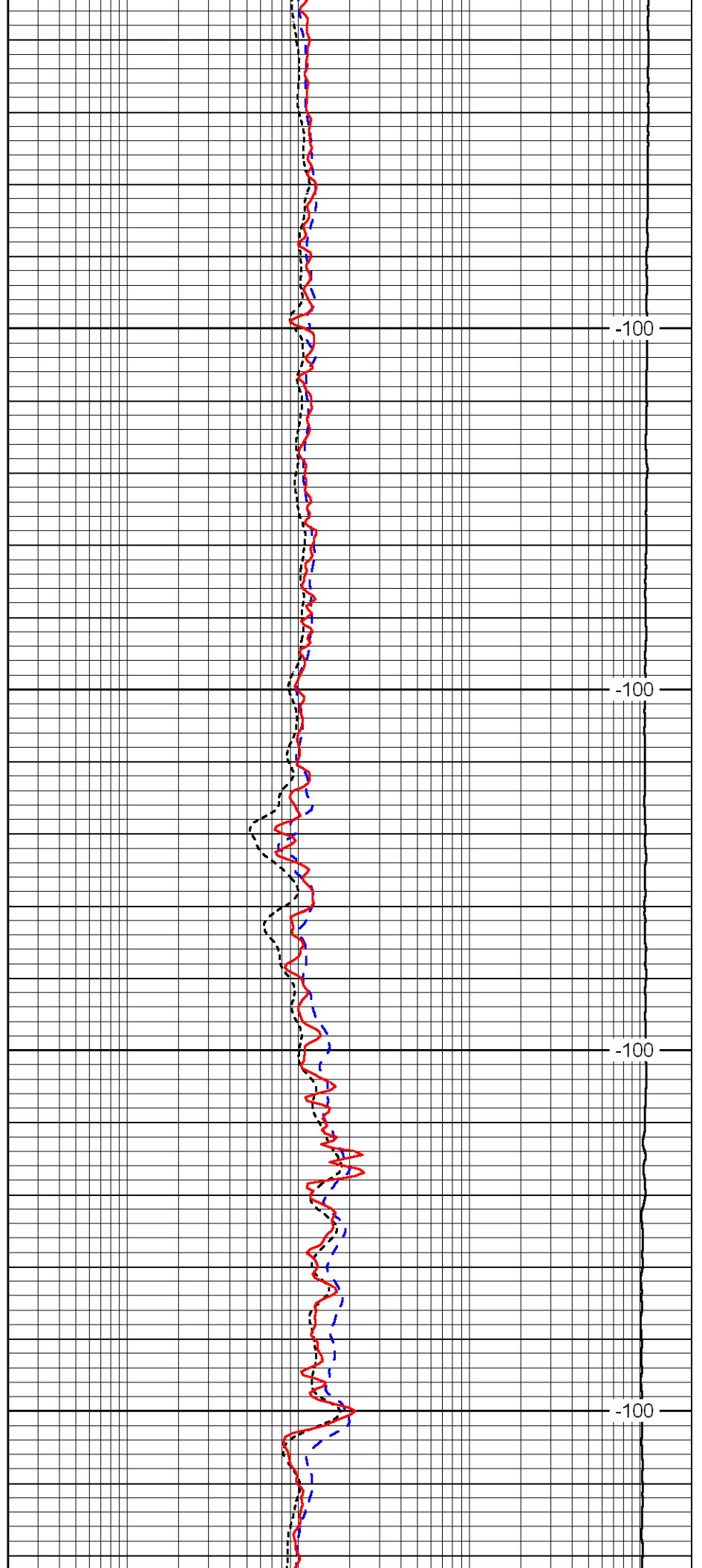


650

700

750

800

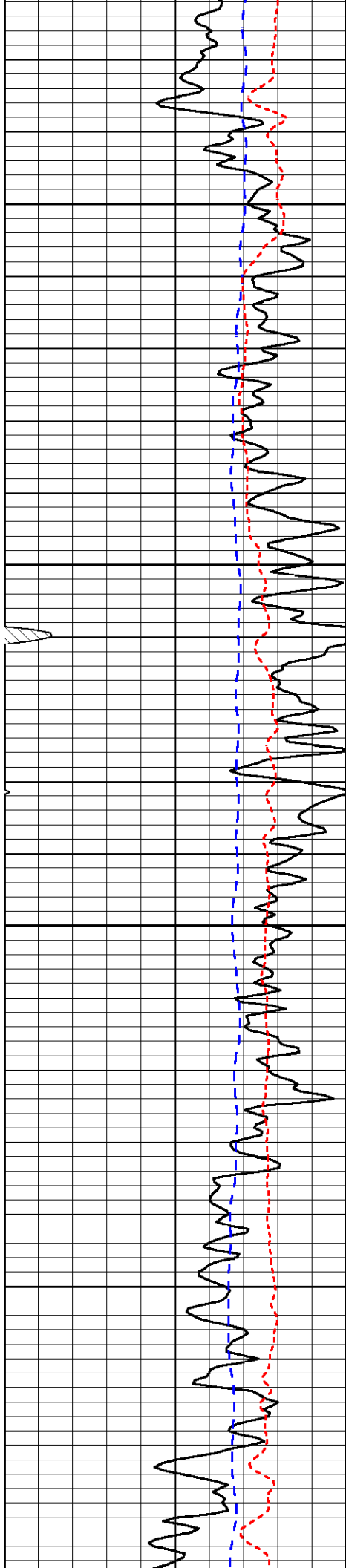


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-100

-100

-100

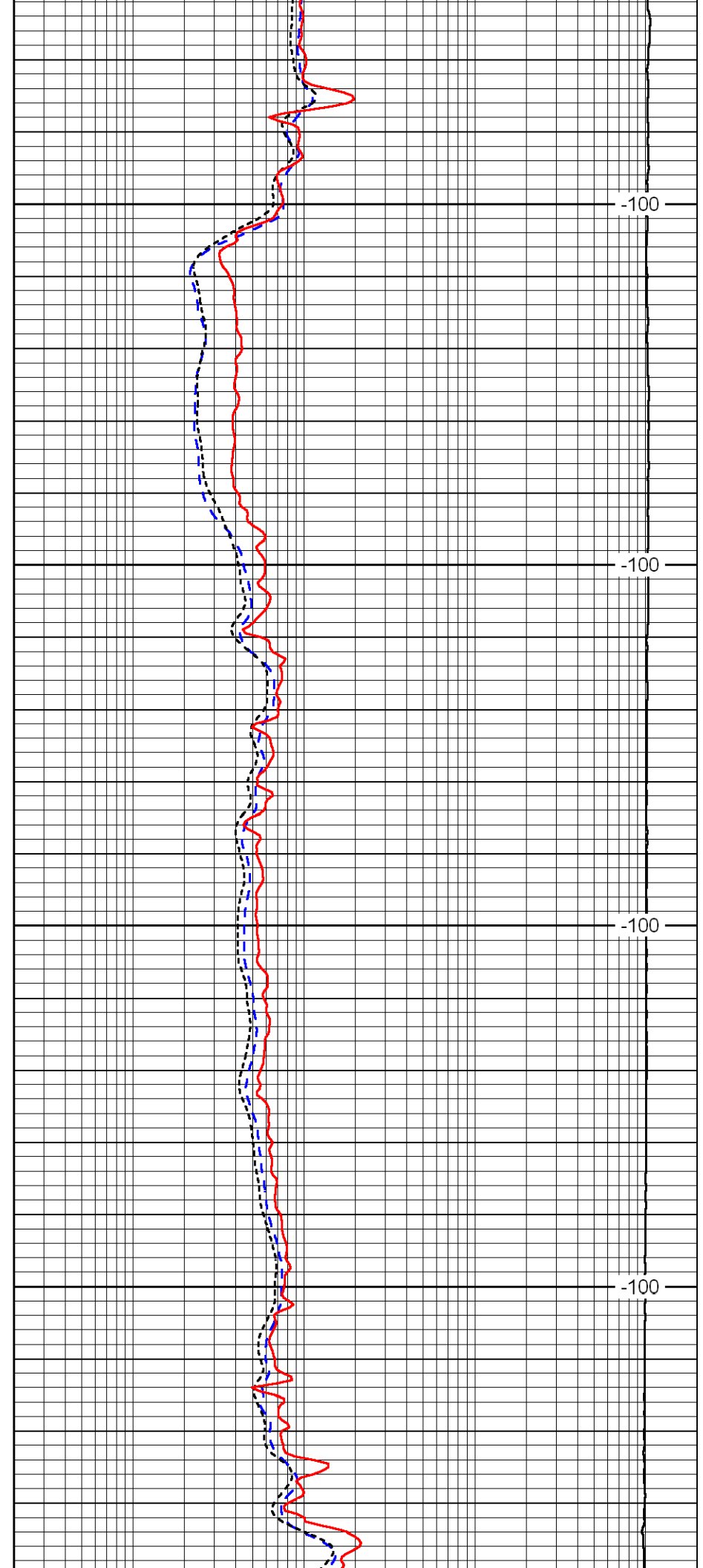


850

900

950

1000

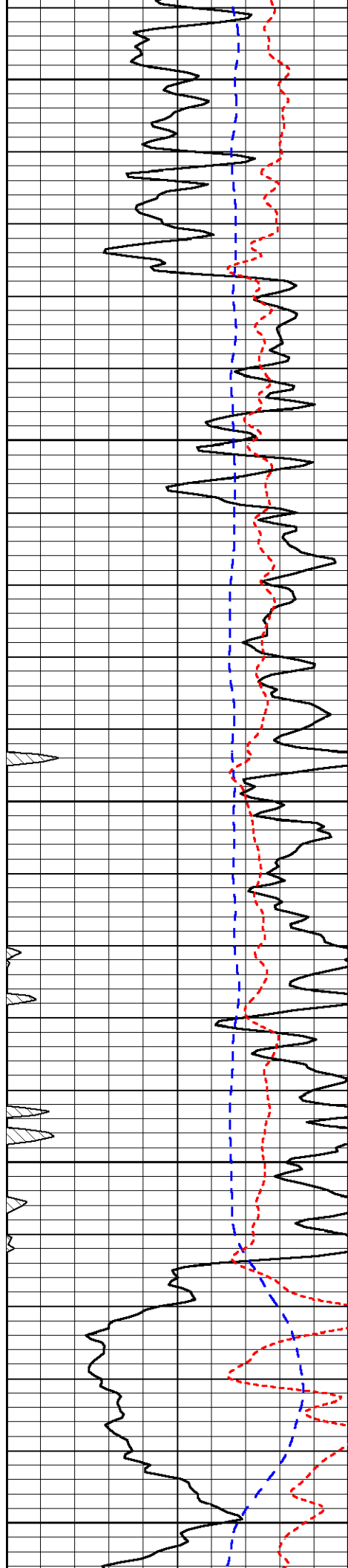


-100

-100

-100

-100



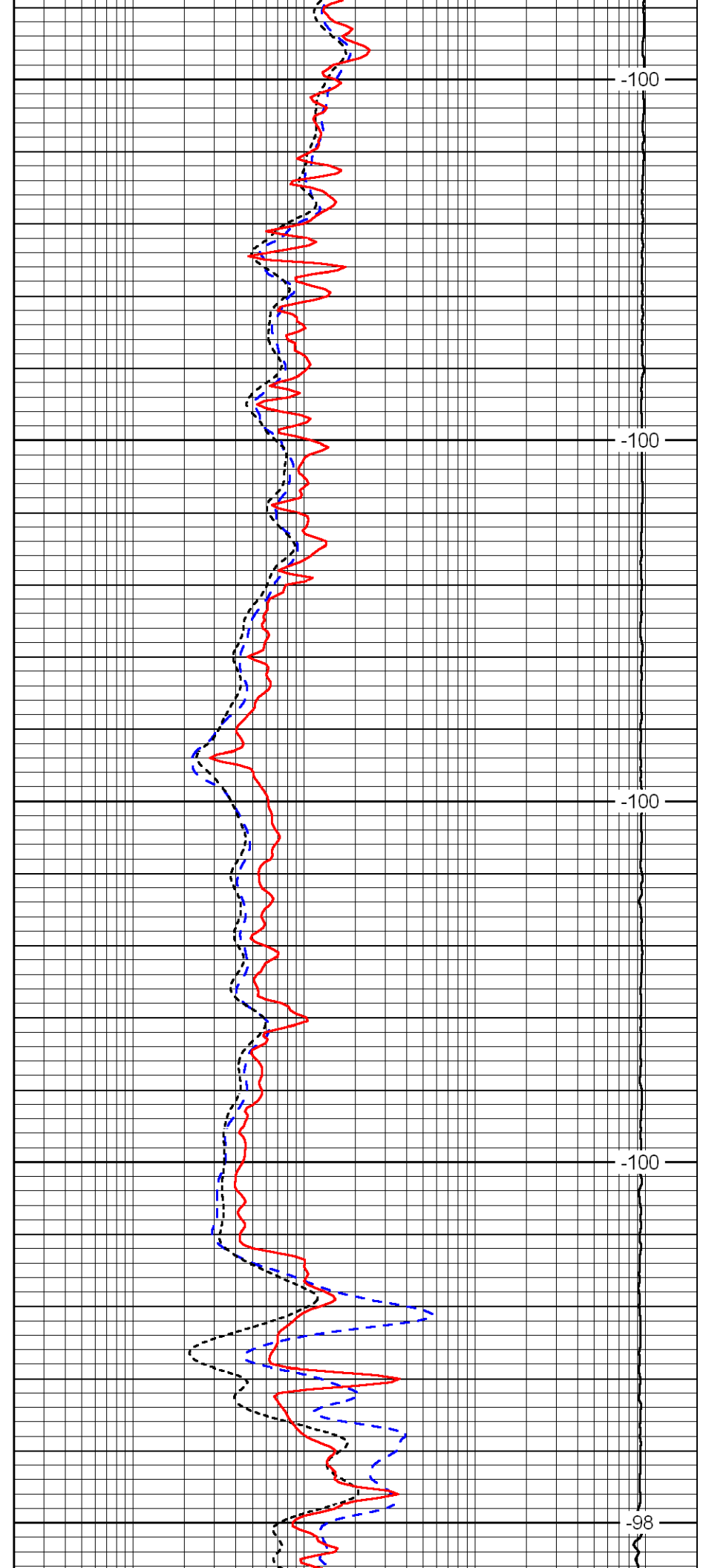
1050

1100

1150

1200

1250



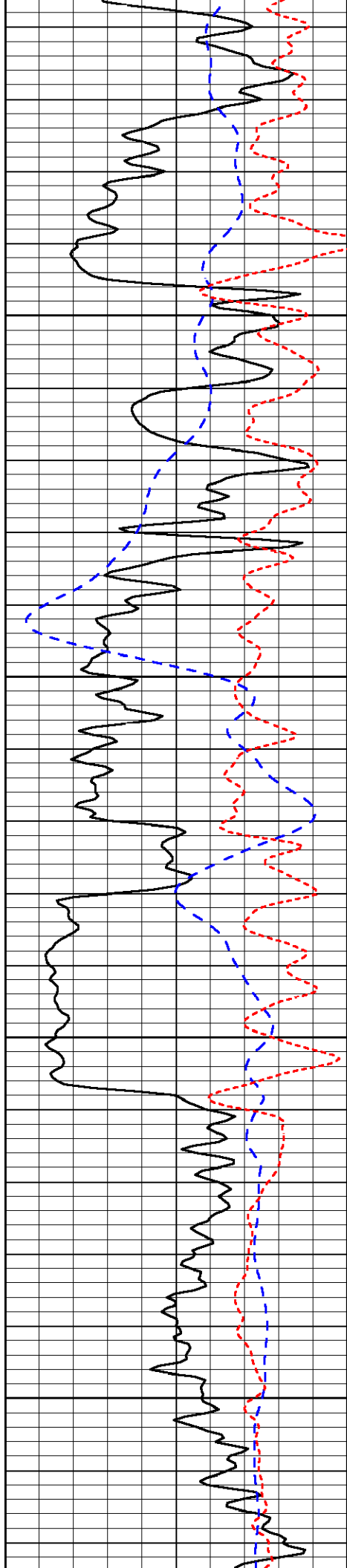
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-100

-100

-100

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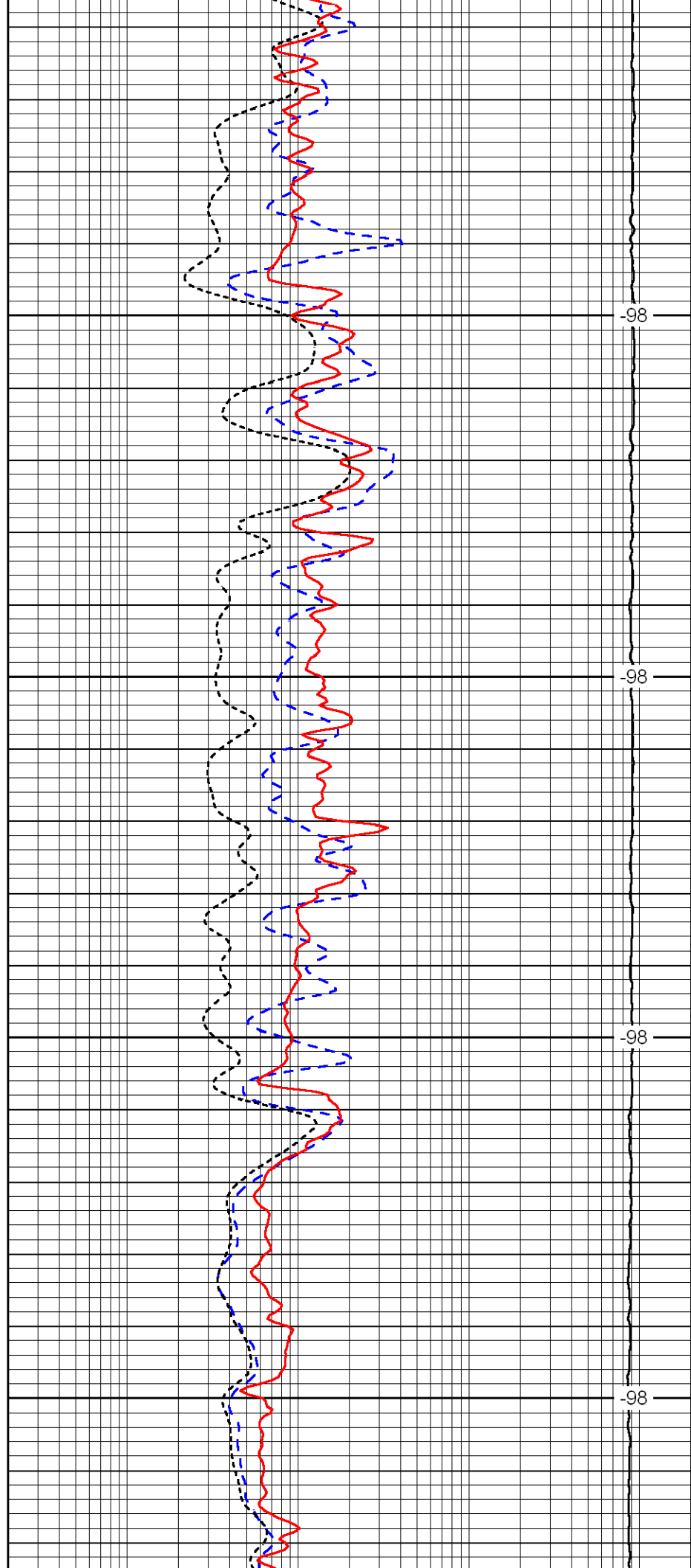


1300

1350

1400

1450

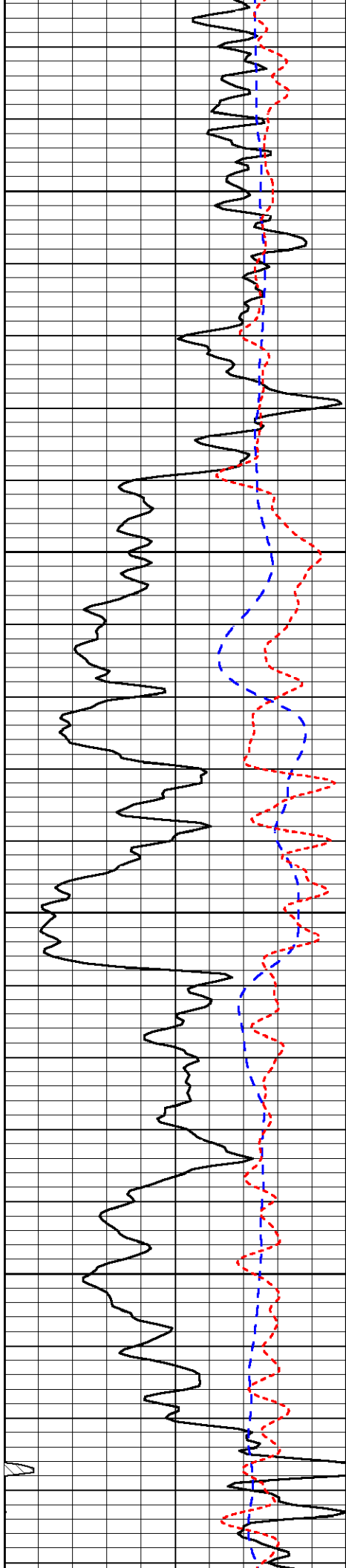


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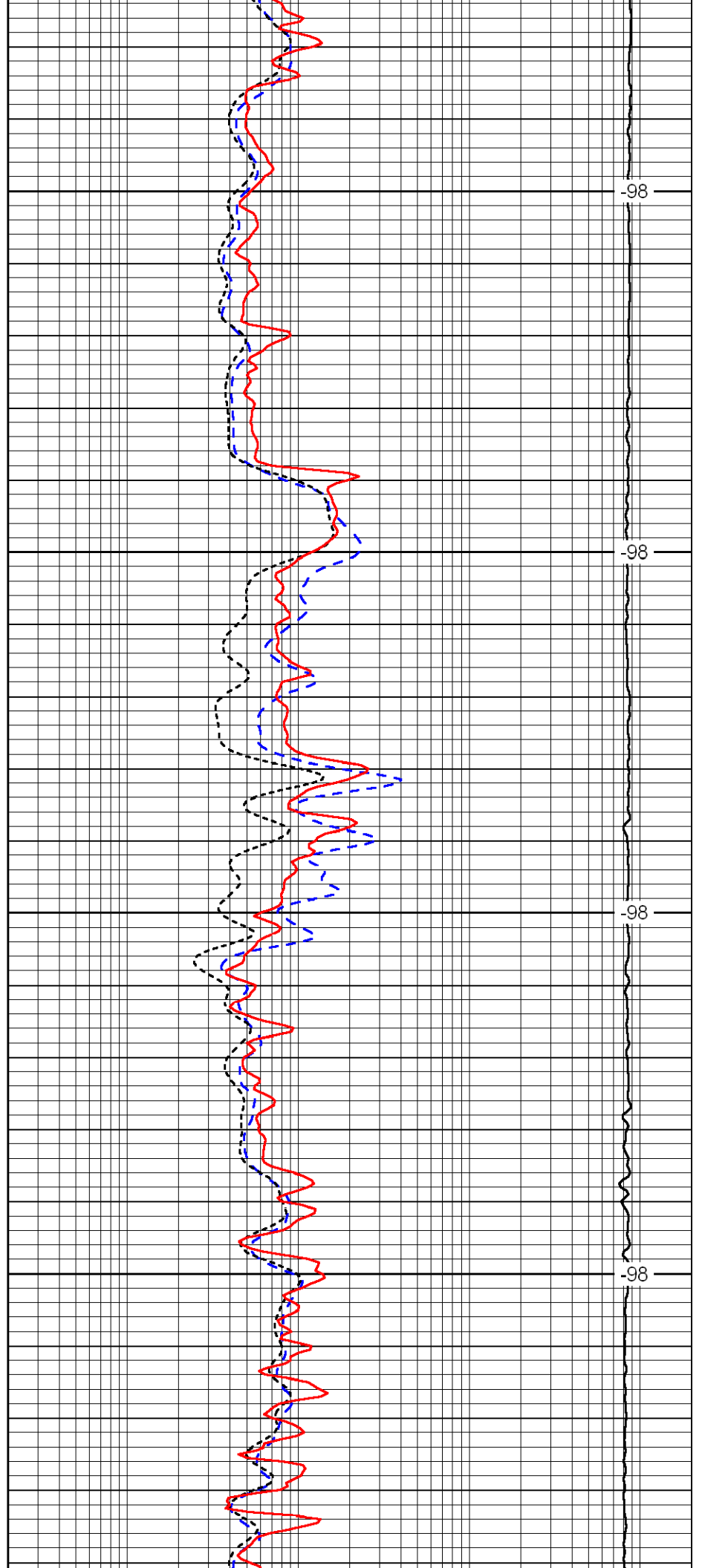
1500

1550

1600

1650

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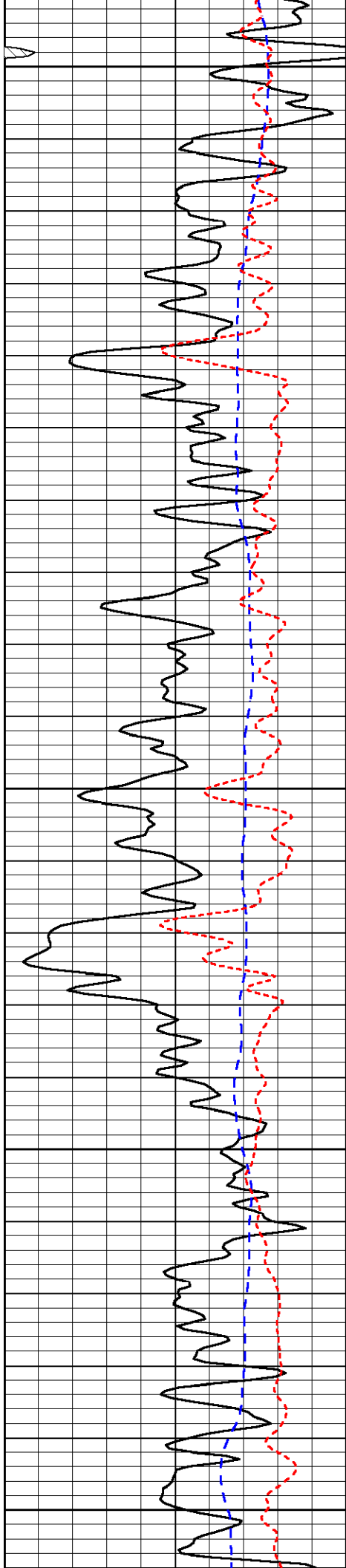


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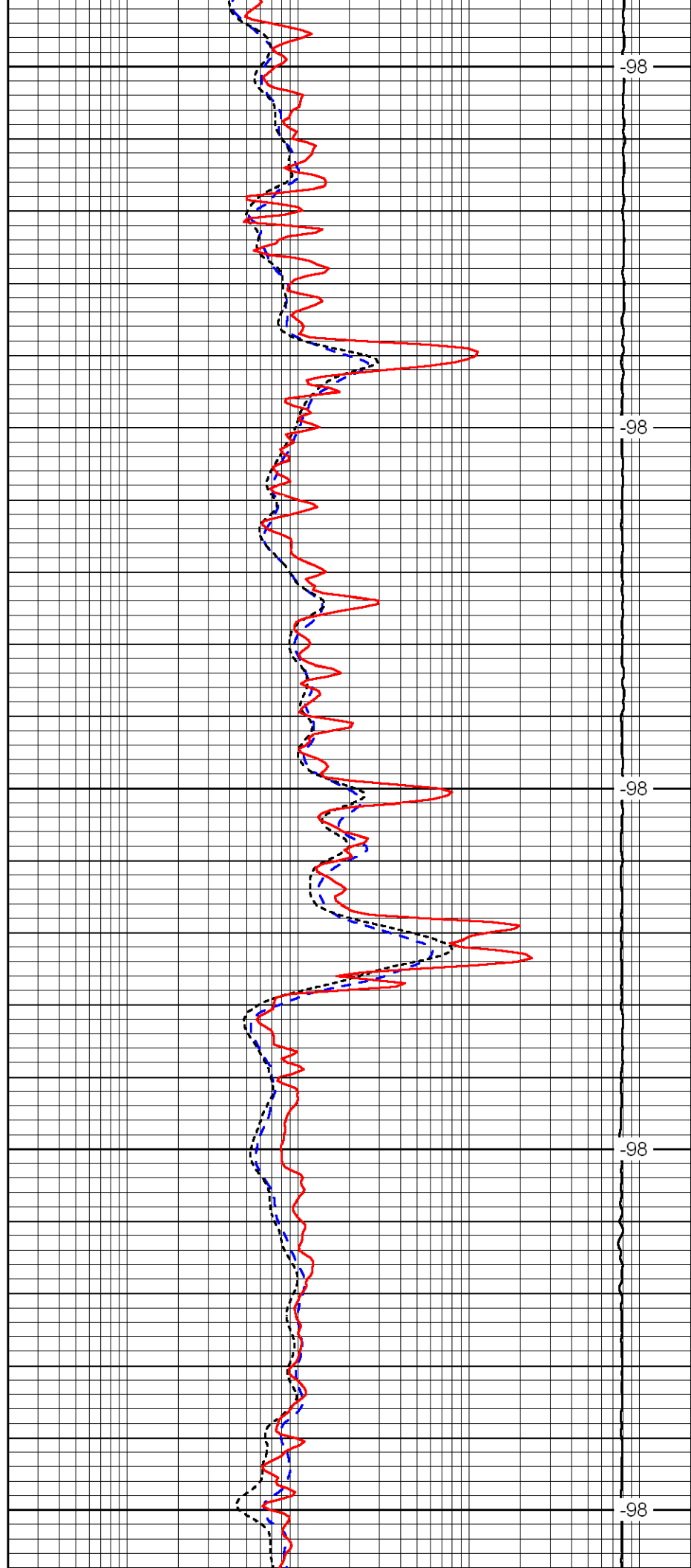
1700

1750

1800

1850

1900



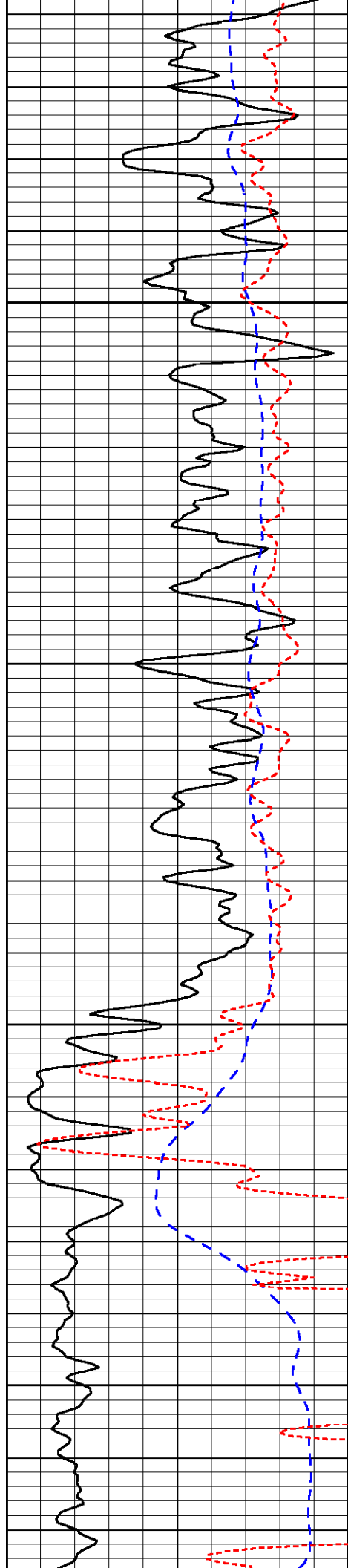
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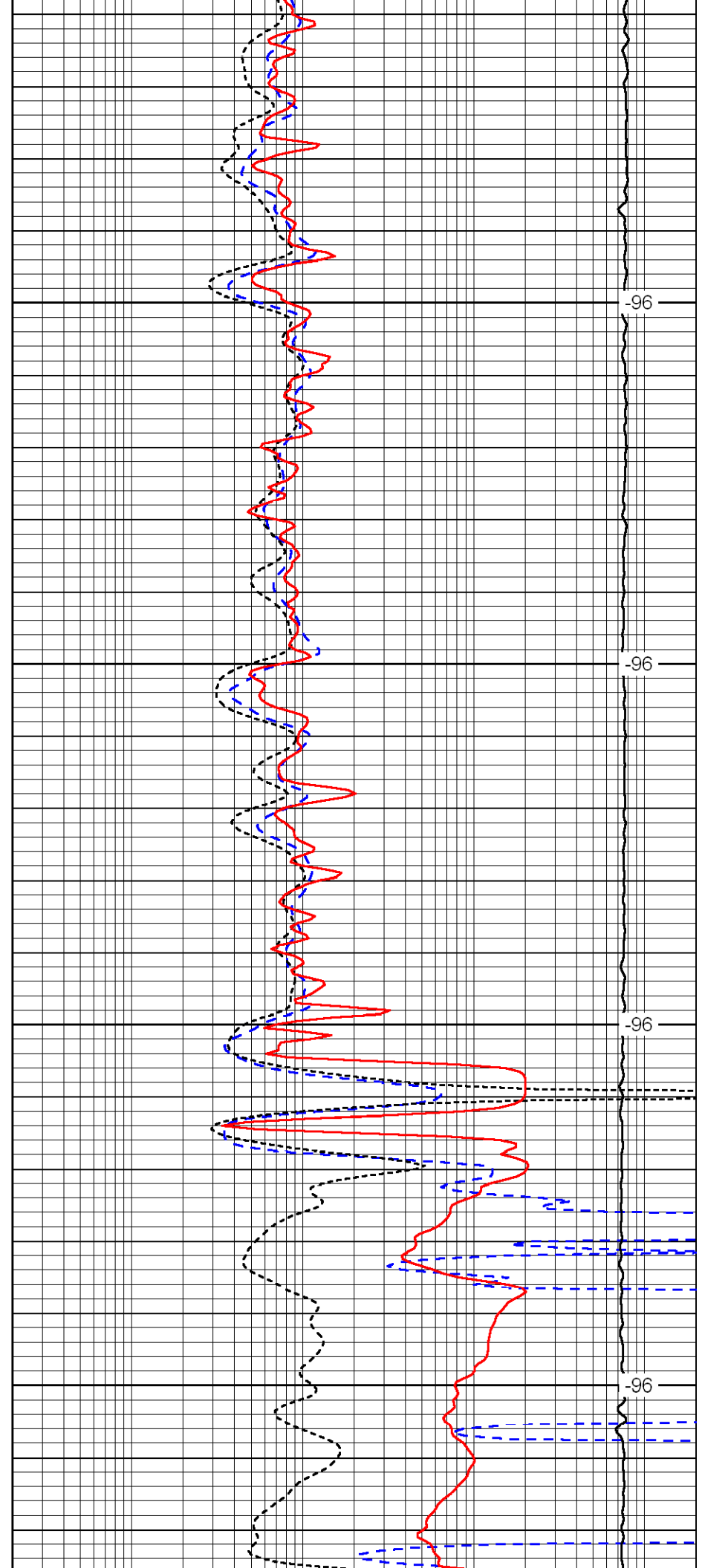


1950

2000

2050

2100

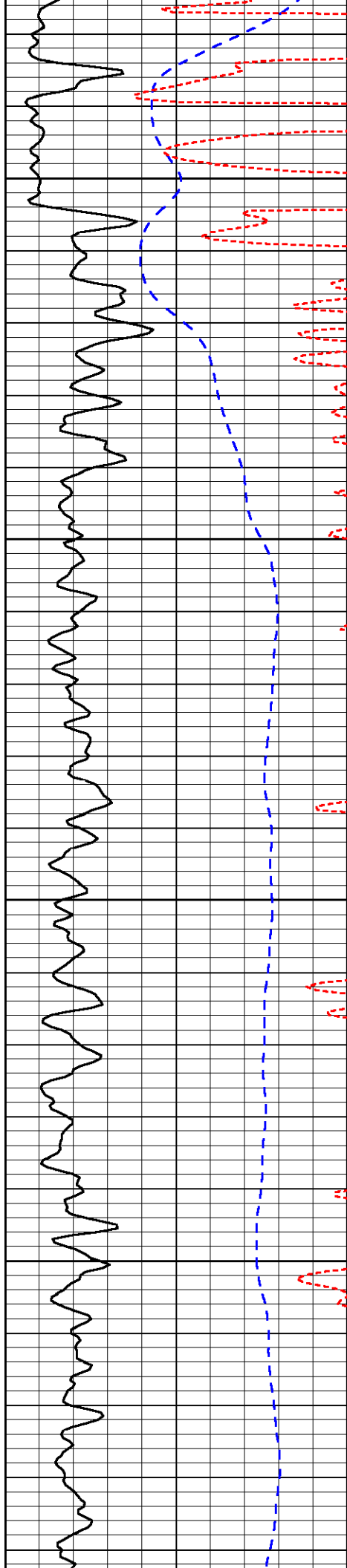


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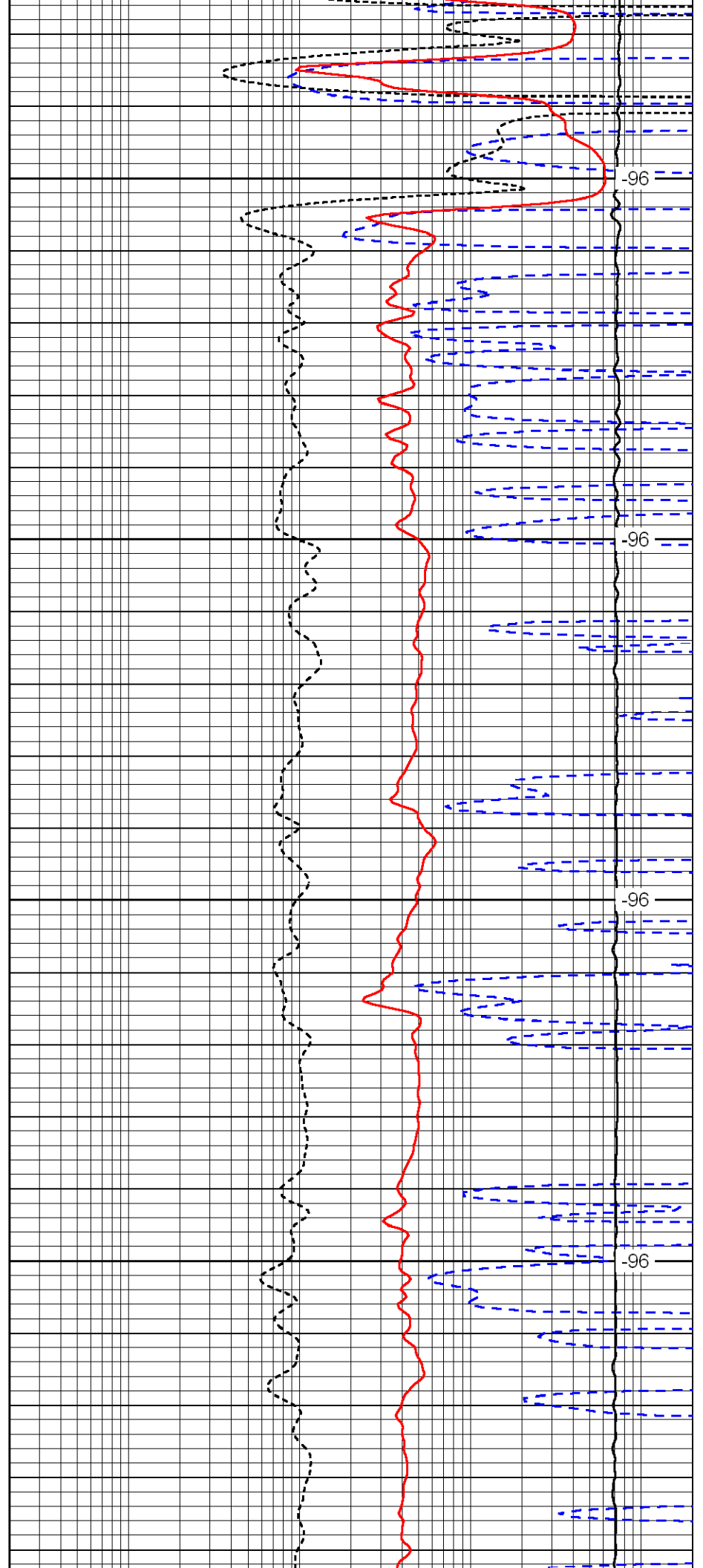


2150

2200

2250

2300

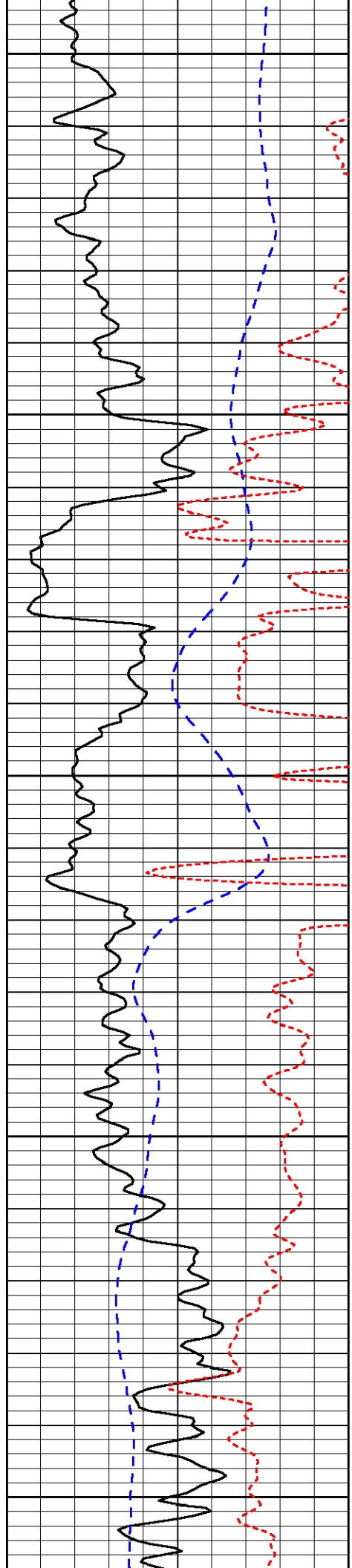


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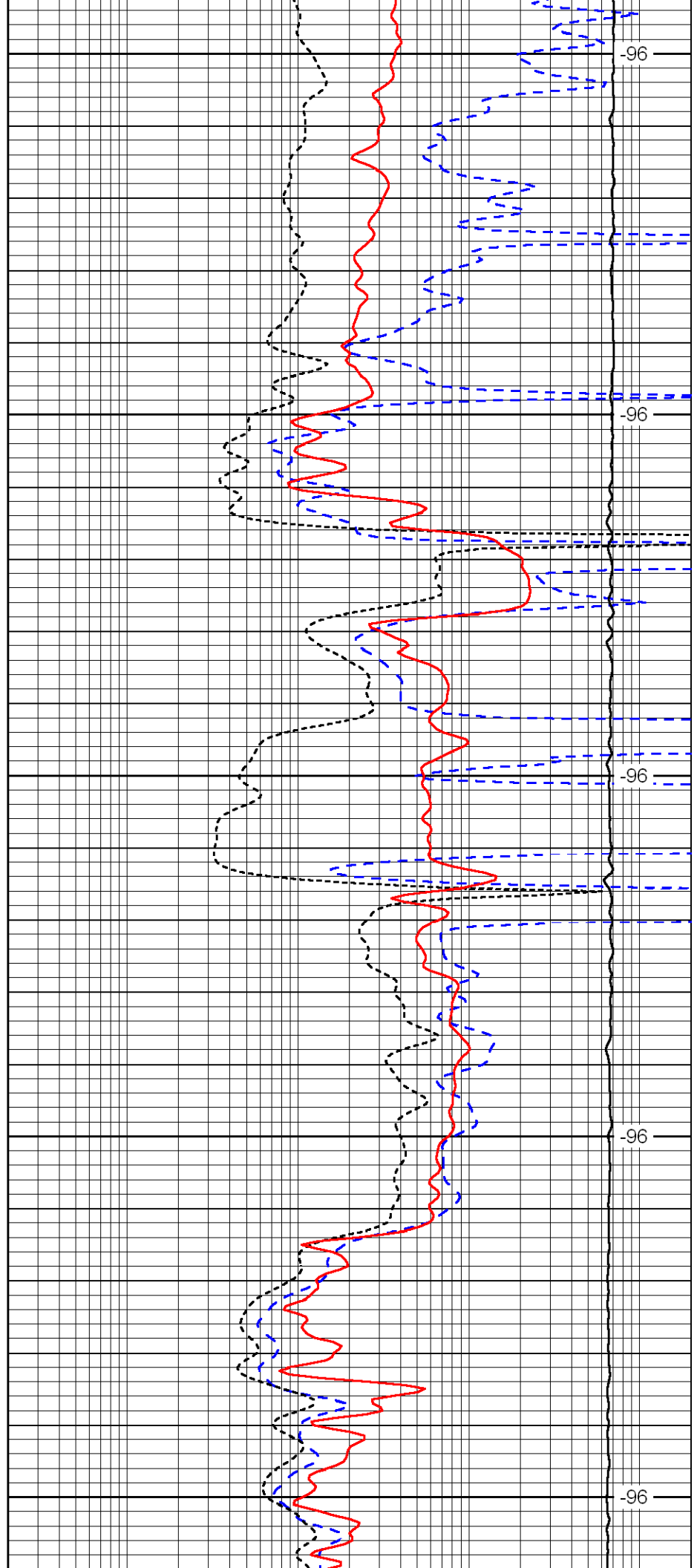
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2400

2450

2500

2550



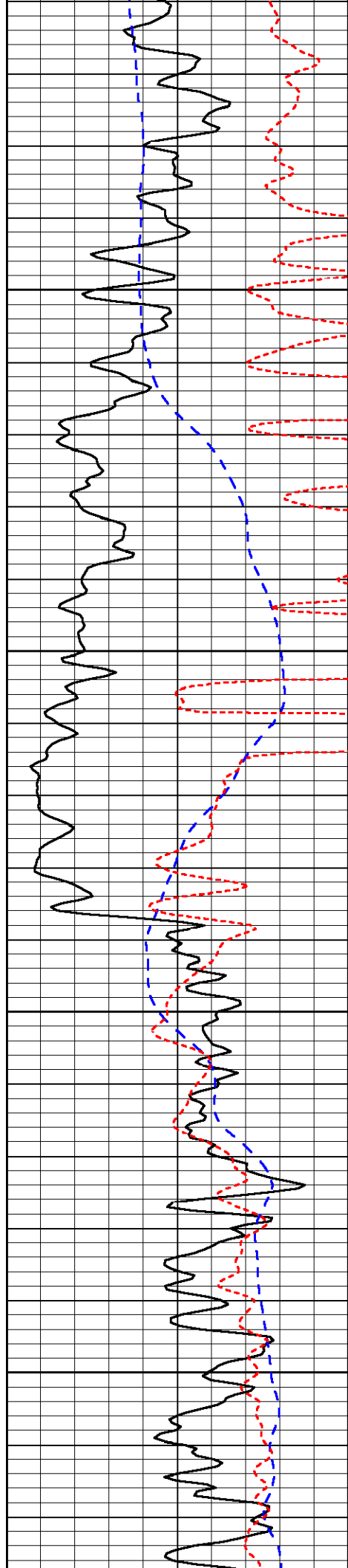
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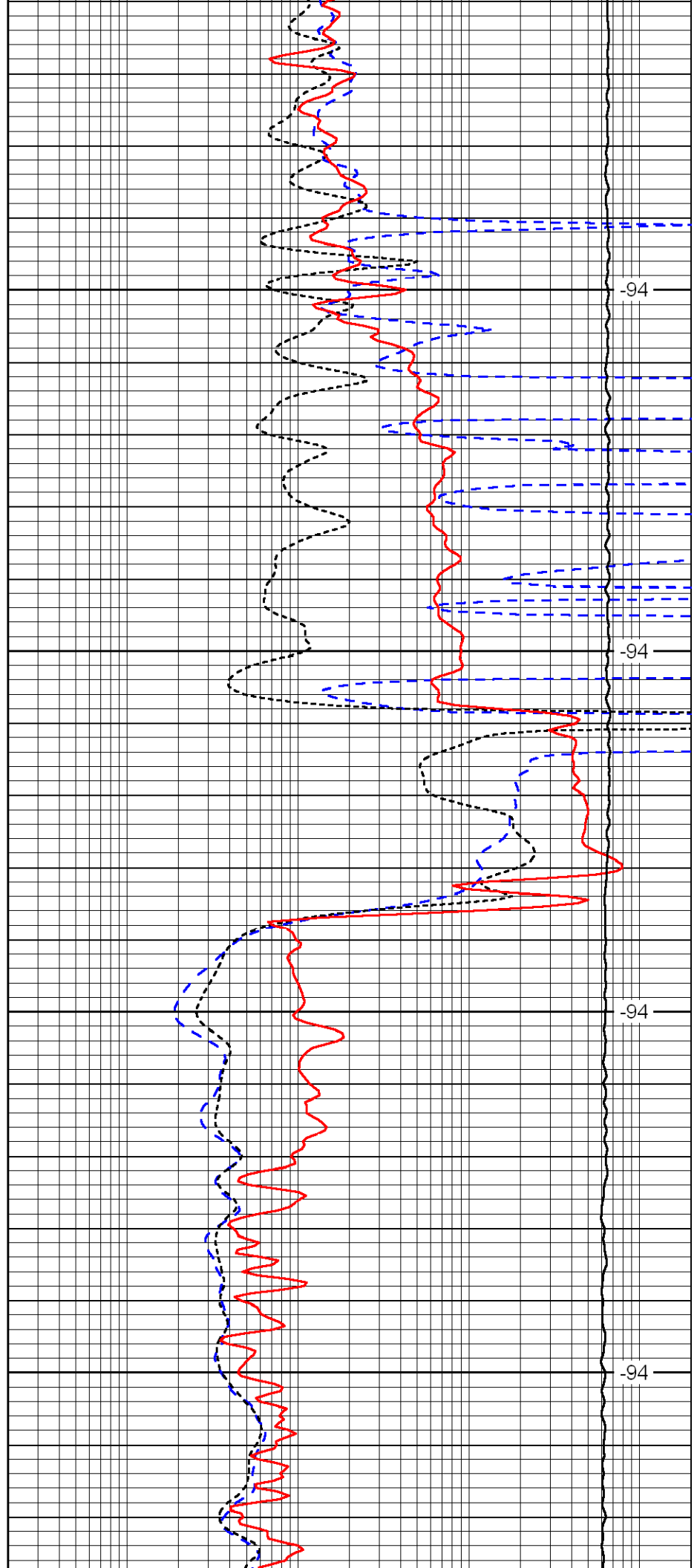


2600

2650

2700

2750

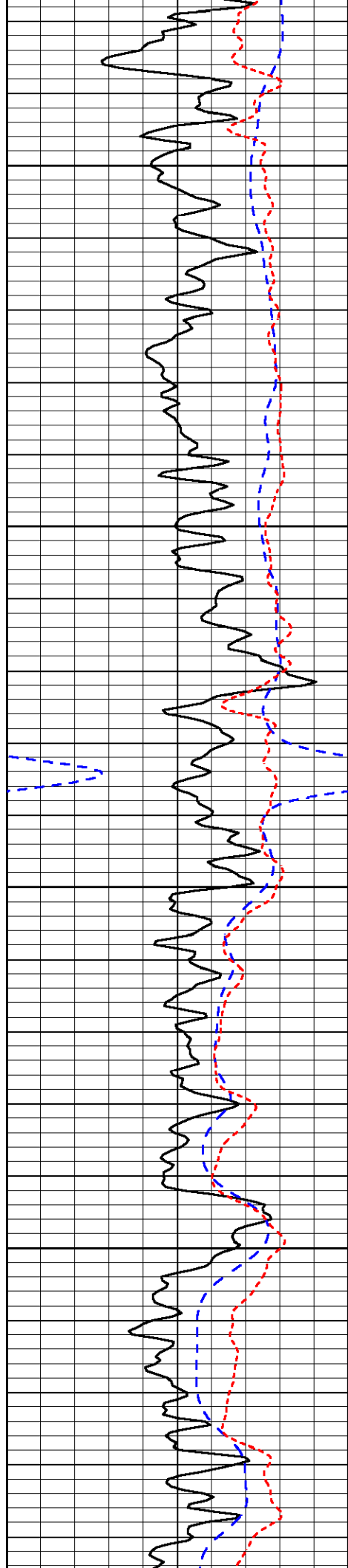


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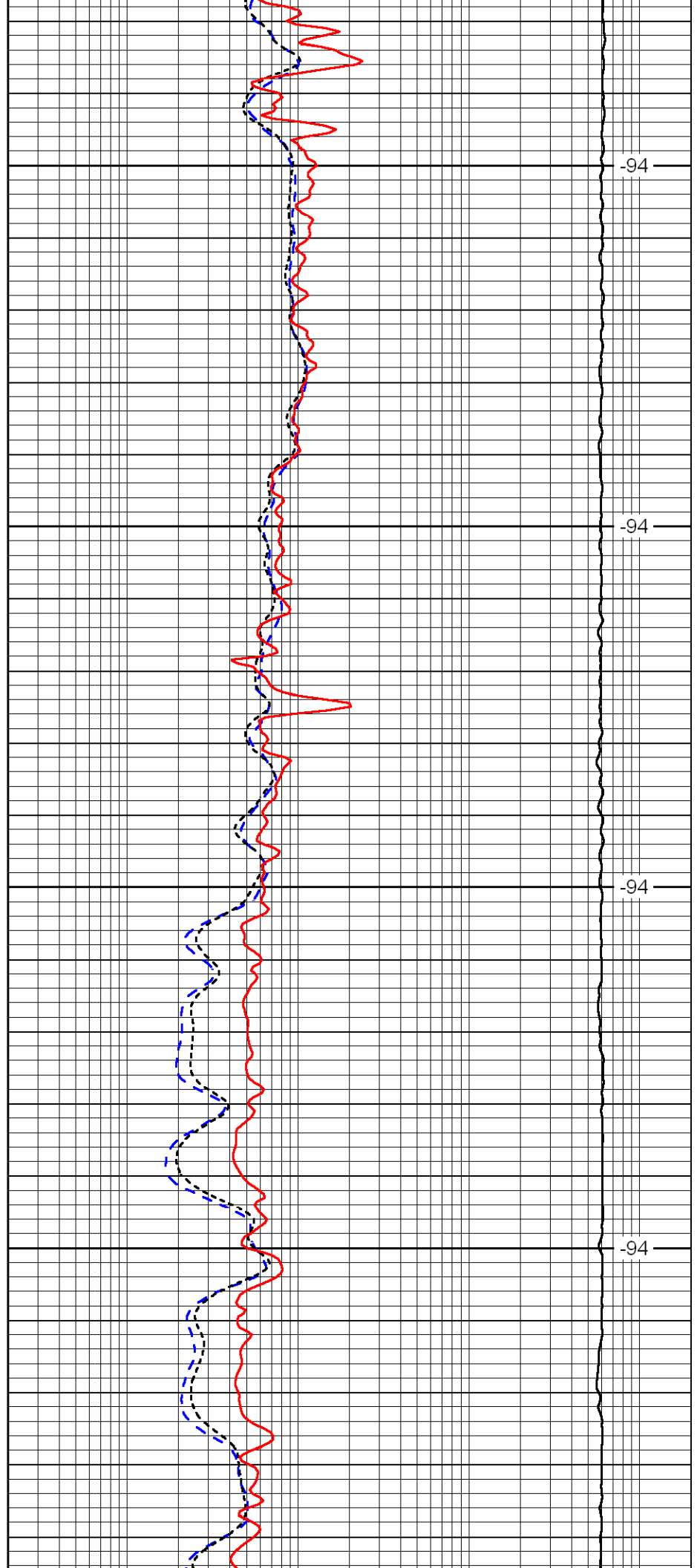


2800

2850

2900

2950

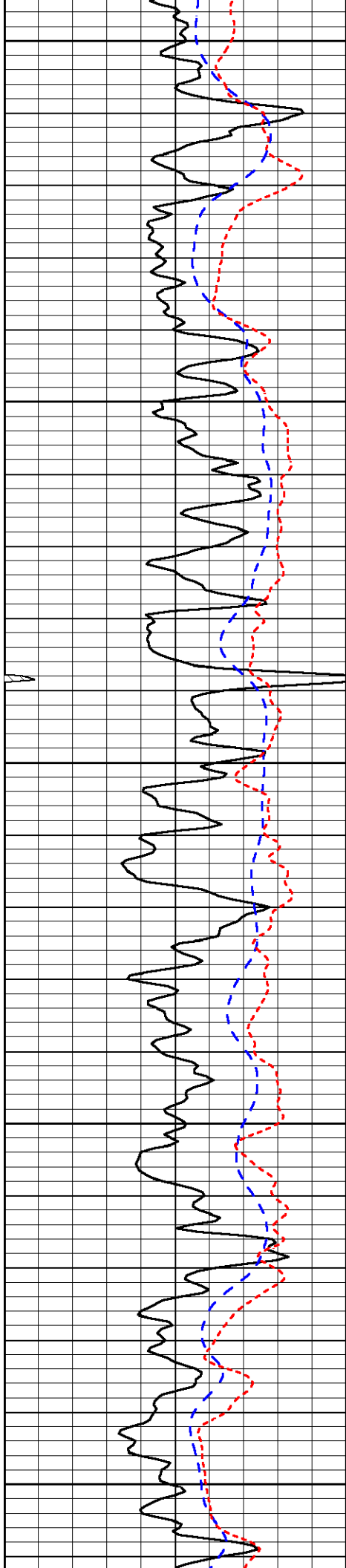


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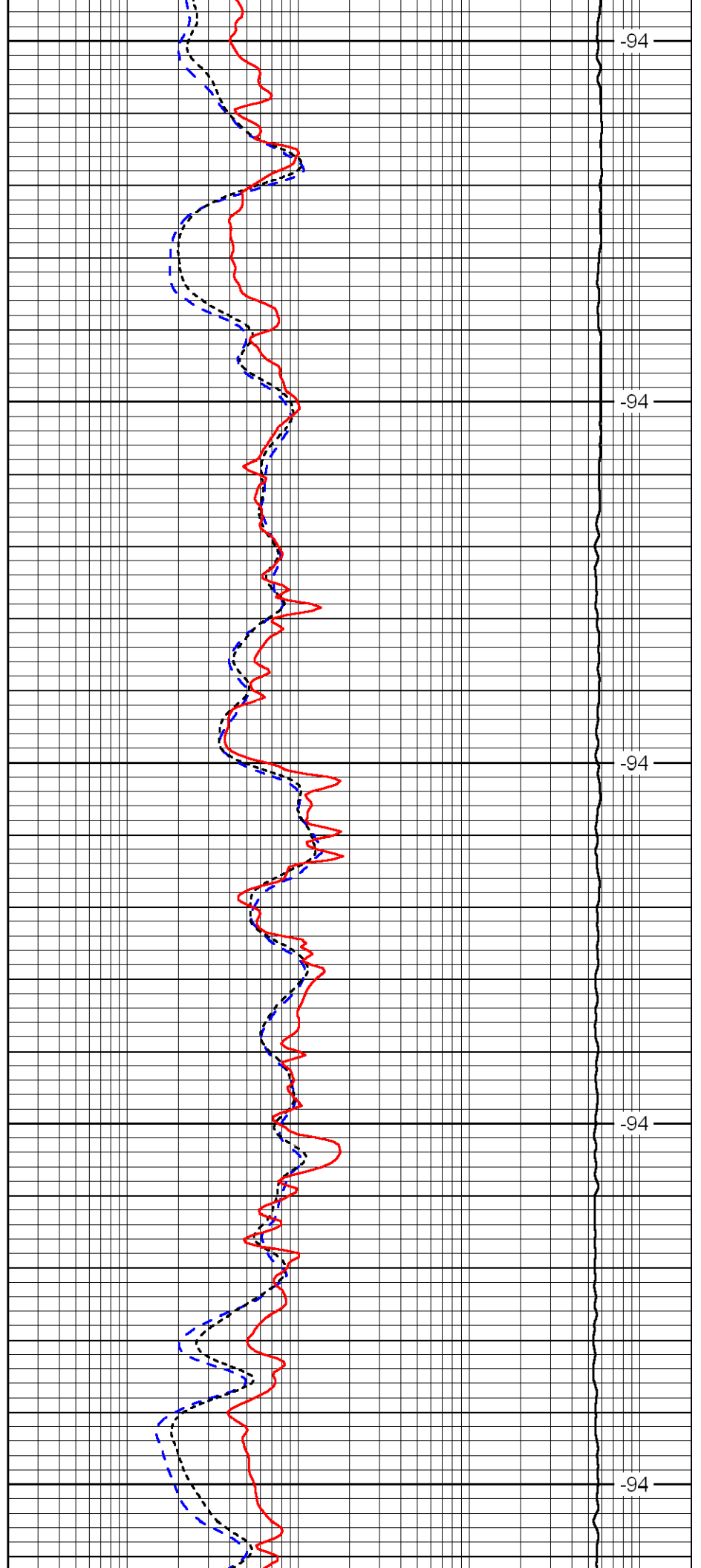
3000

3050

3100

3150

3200



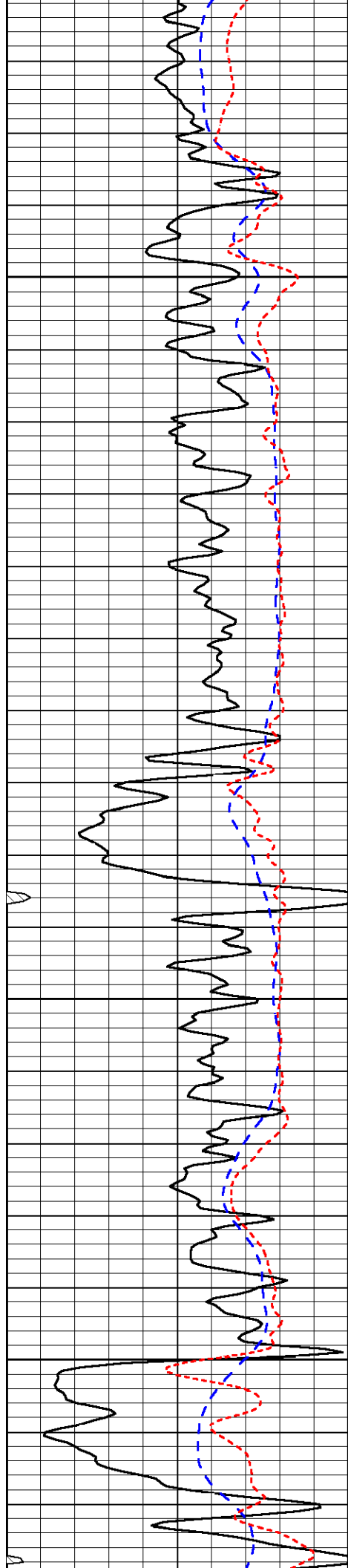
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-94

-94

-94

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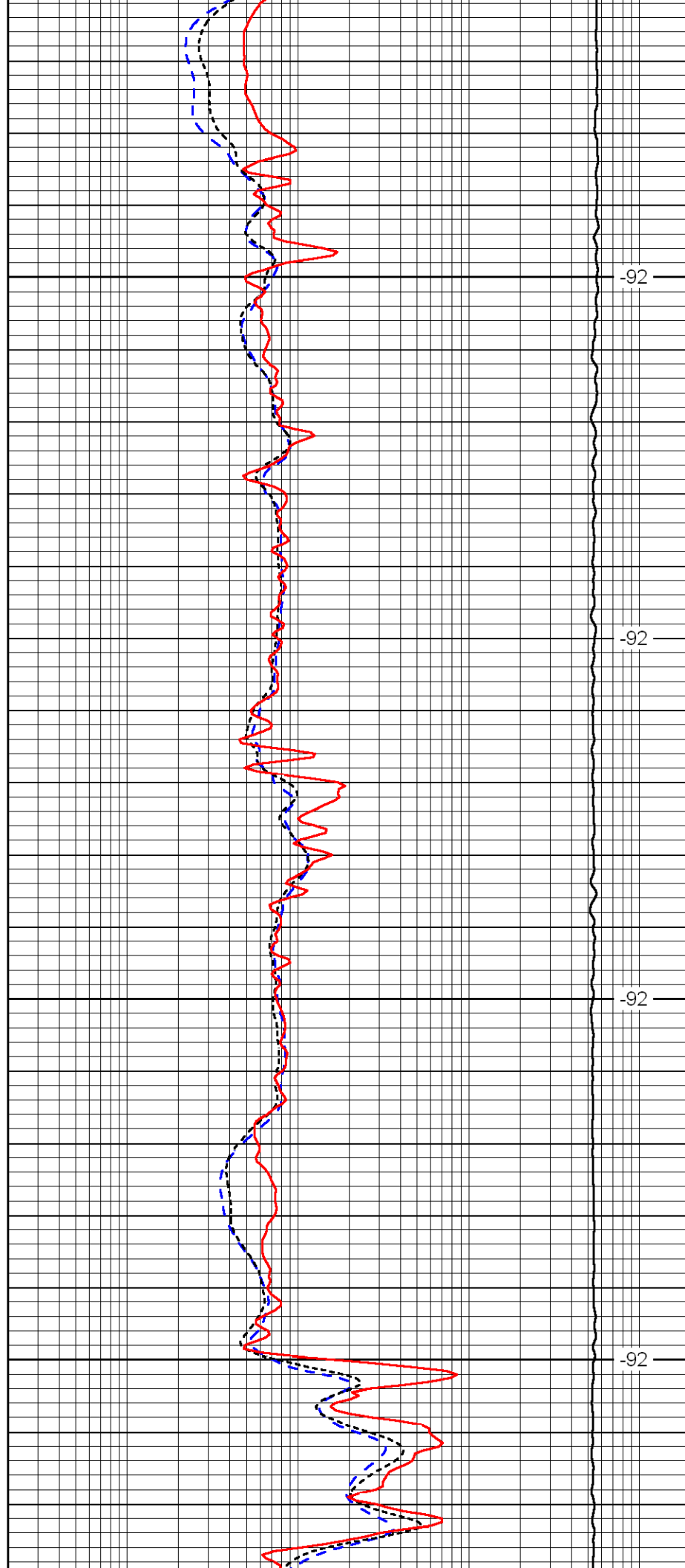


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3300

3350

3400

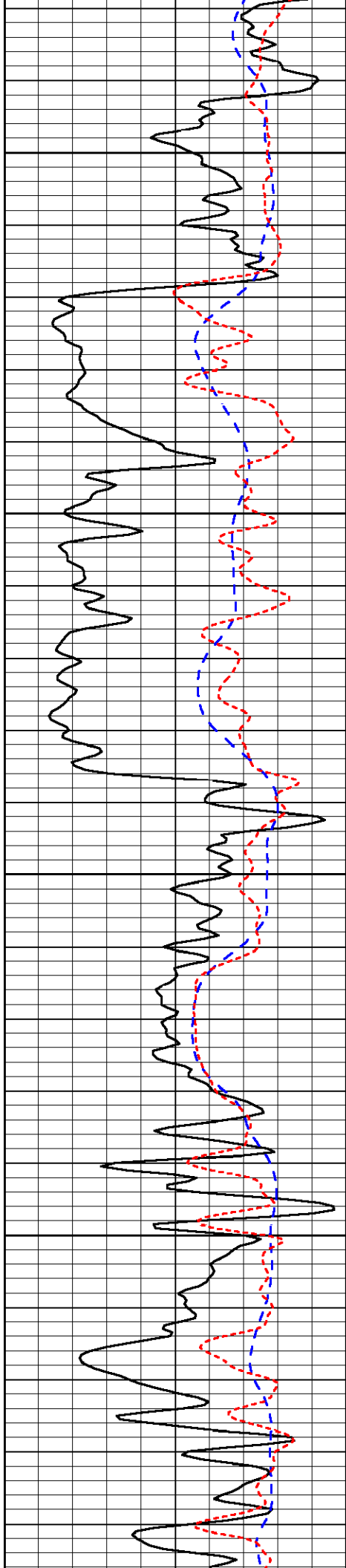


-92

-92

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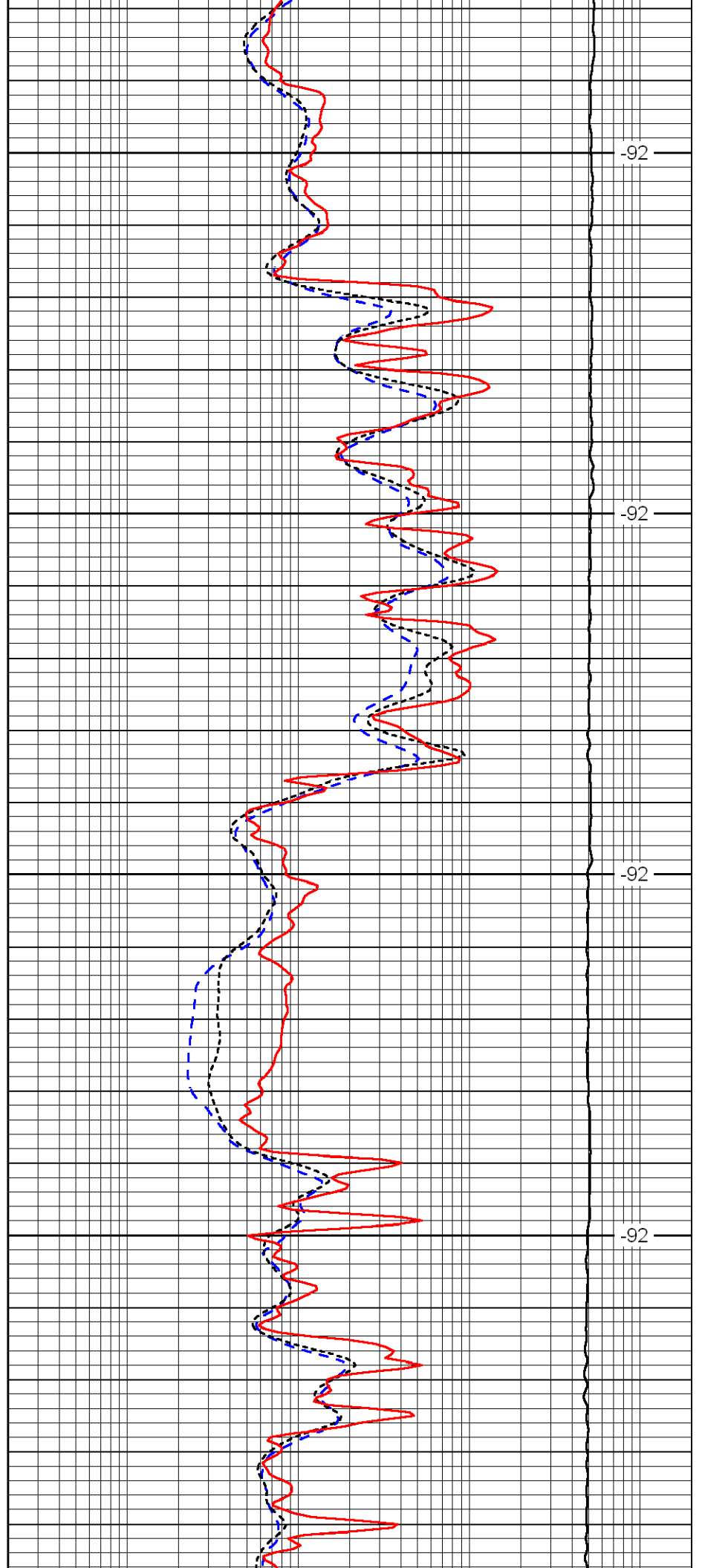


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3500

3550

3600

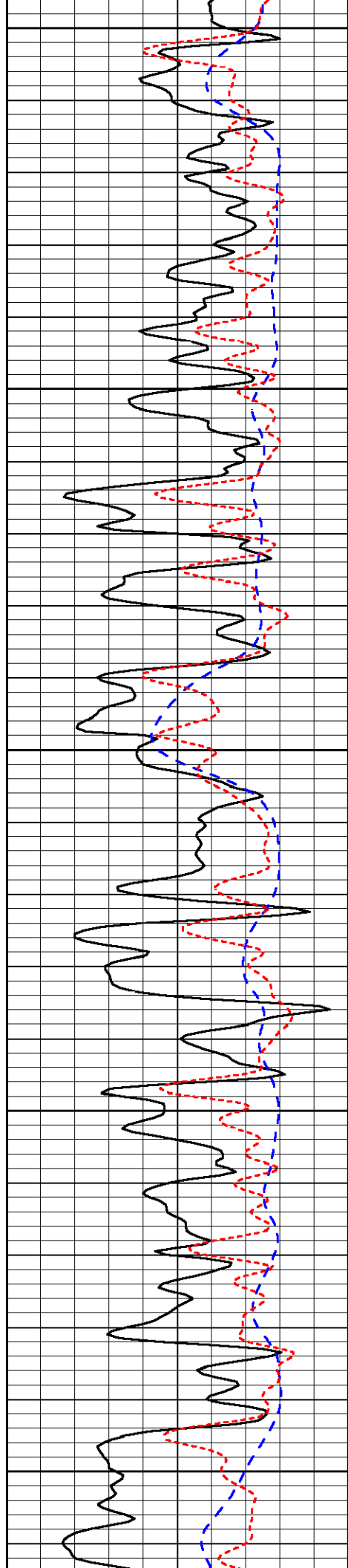


-92

-92

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-92



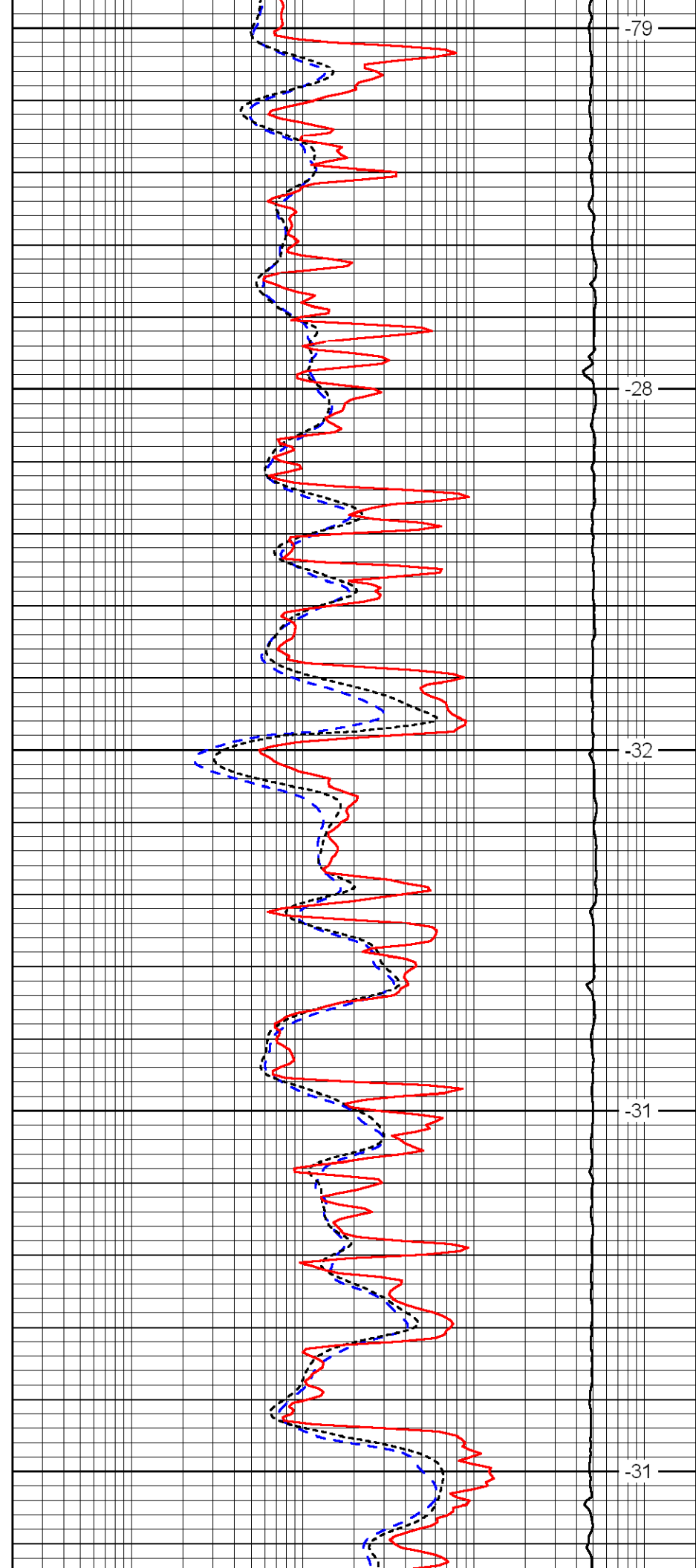
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3700

3750

3800

3850



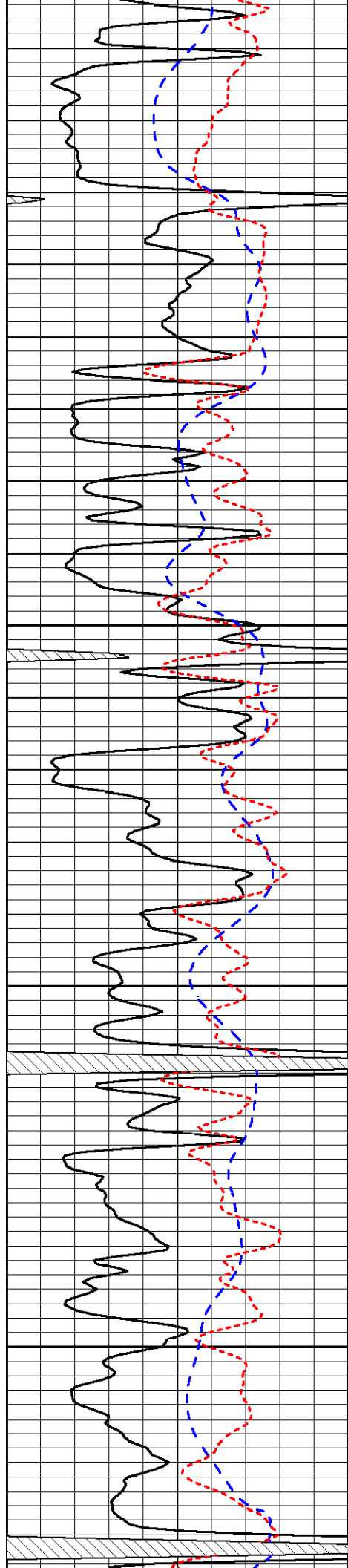
-79

-28

-32

-31

-31

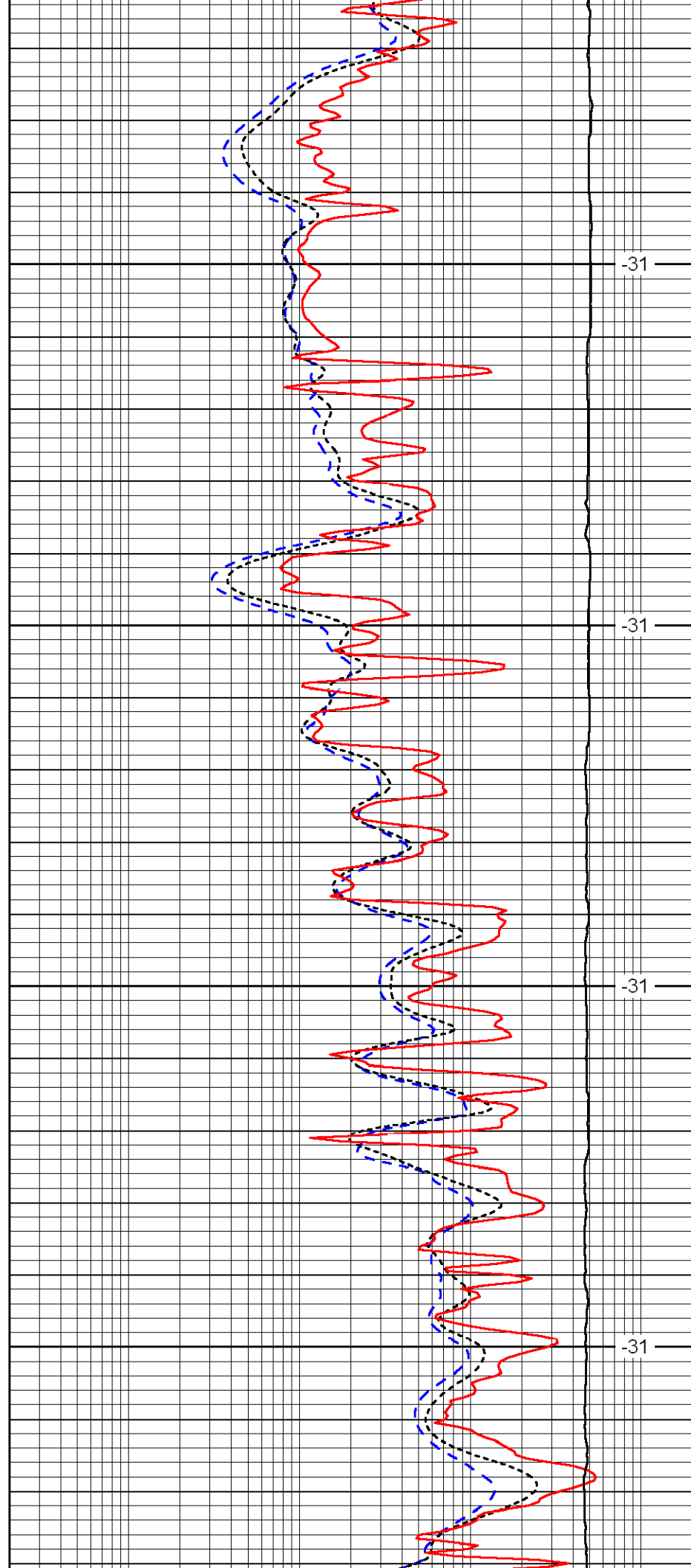


3900

3950

4000

4050

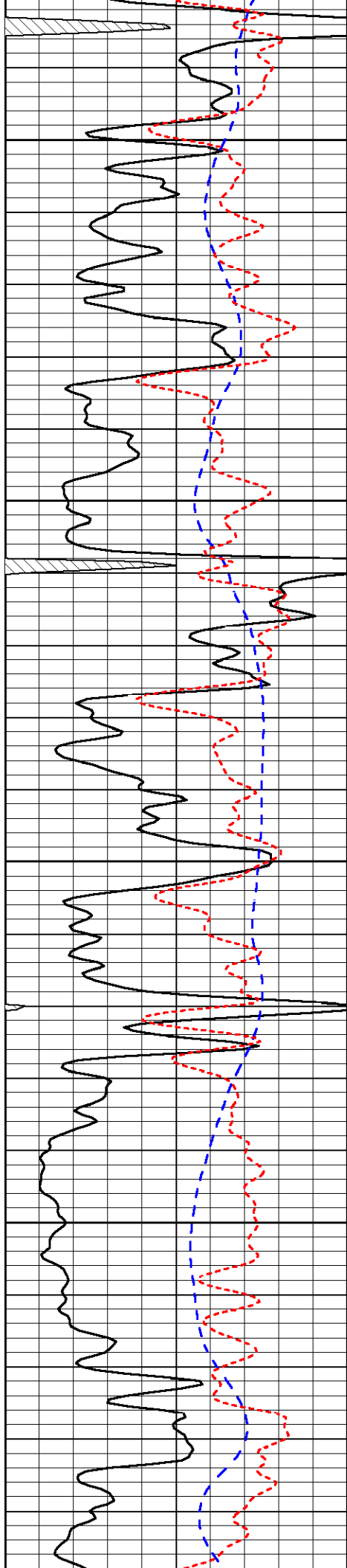


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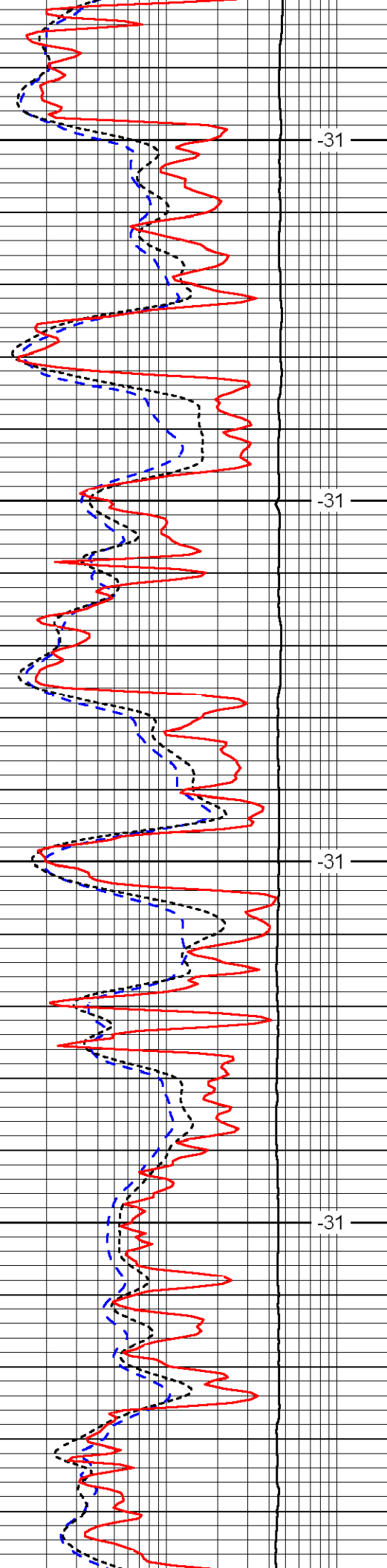


4100

4150

4200

4250

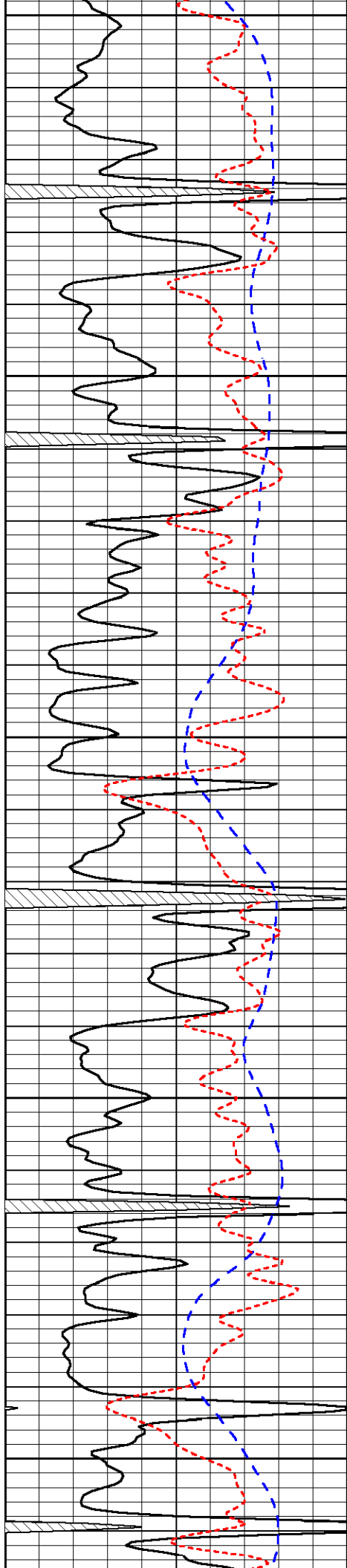


-31

-31

-31

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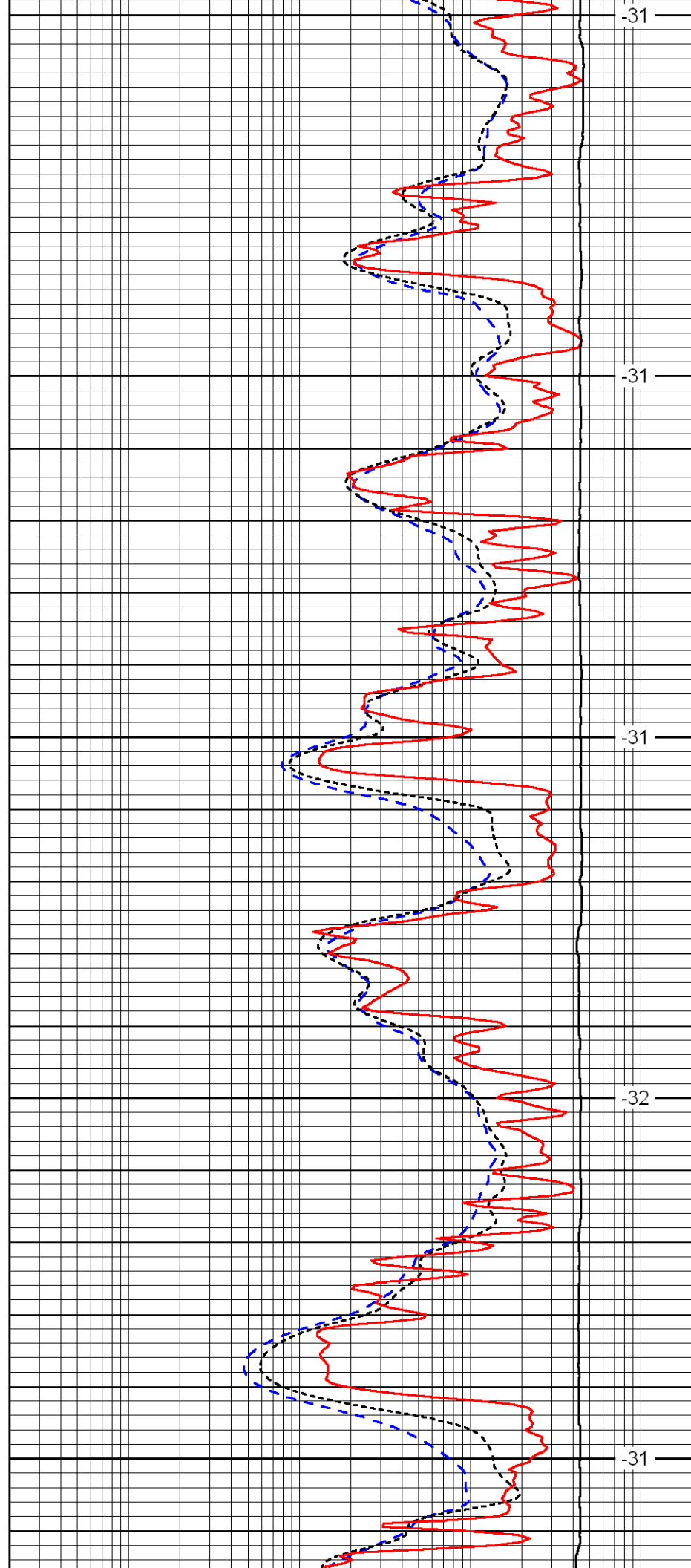
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4350

4400

4450

4500



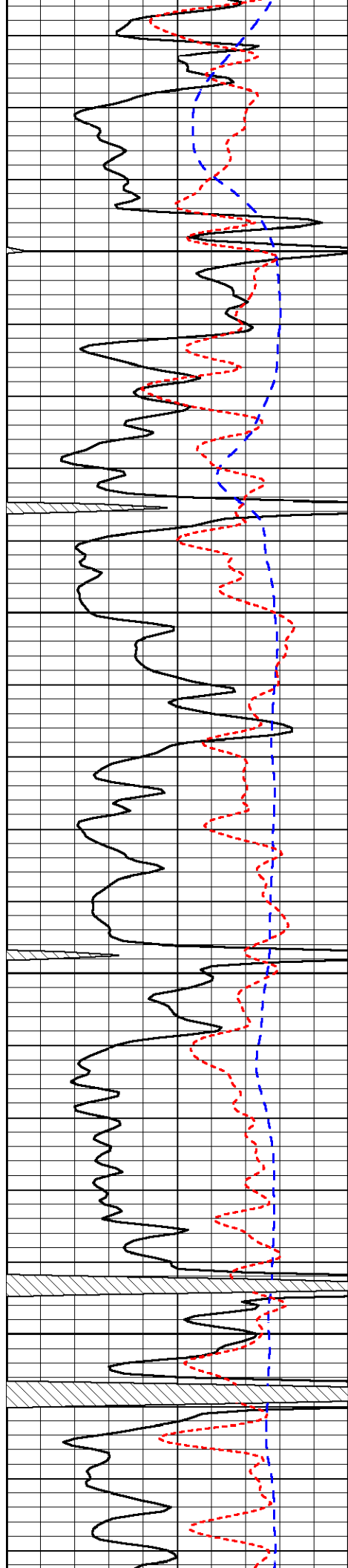
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-31

-31

-32

-31

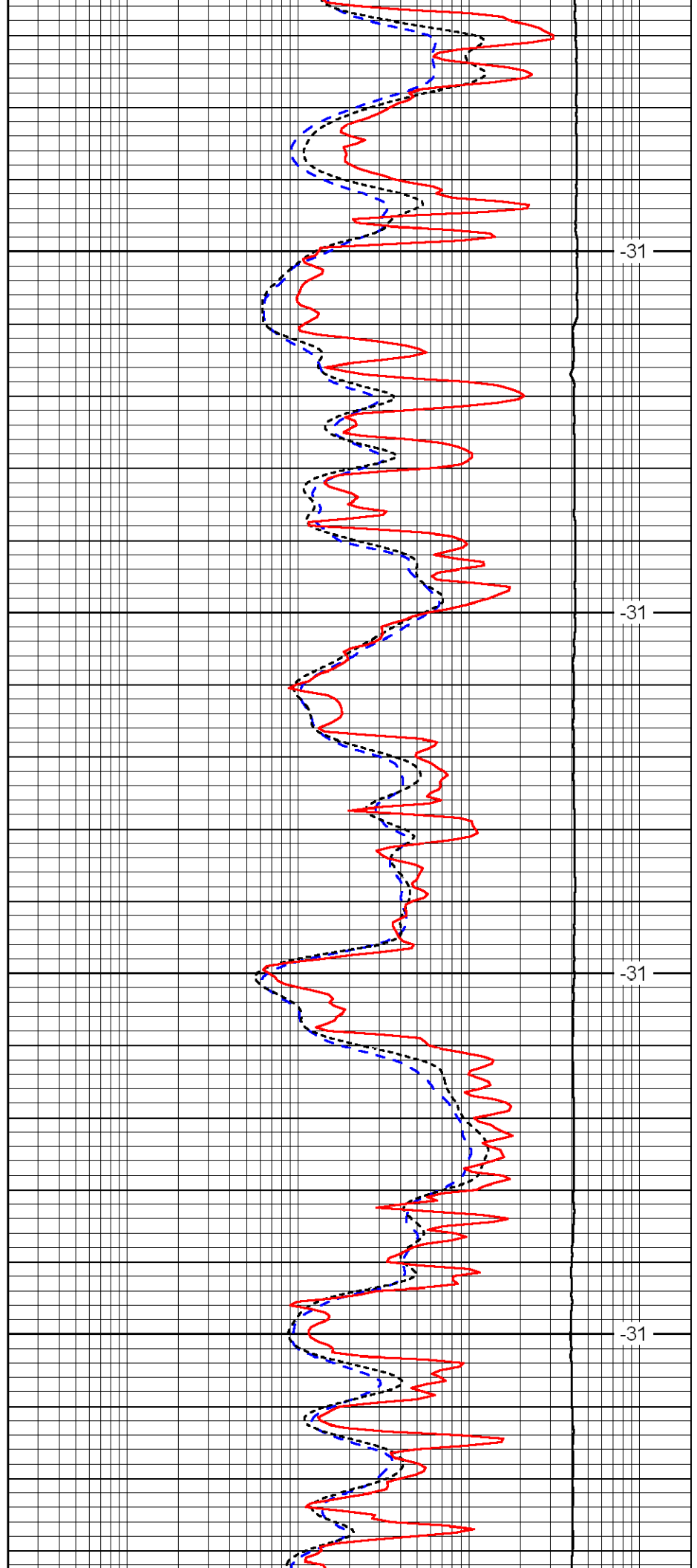


4550

4600

4650

4700

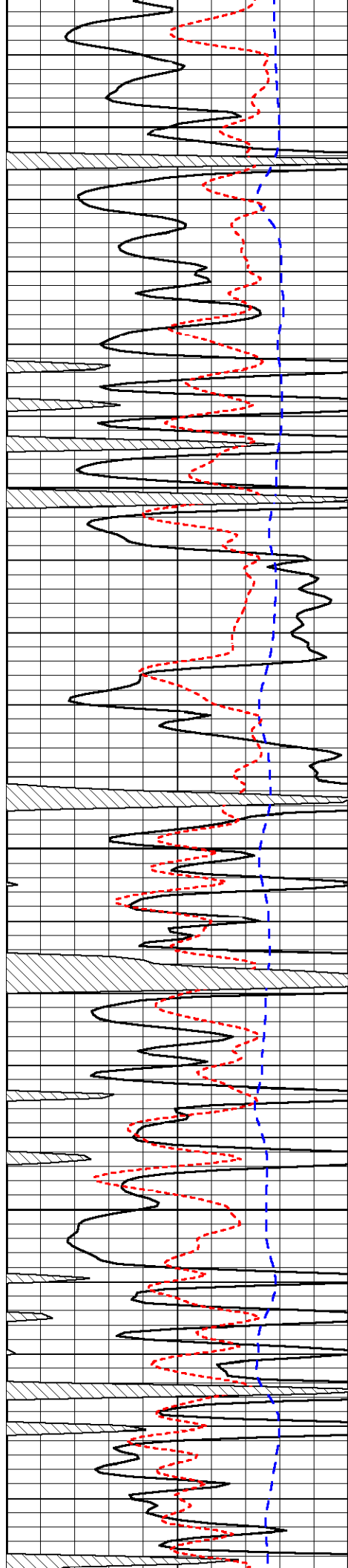


-31

-31

-31

-31



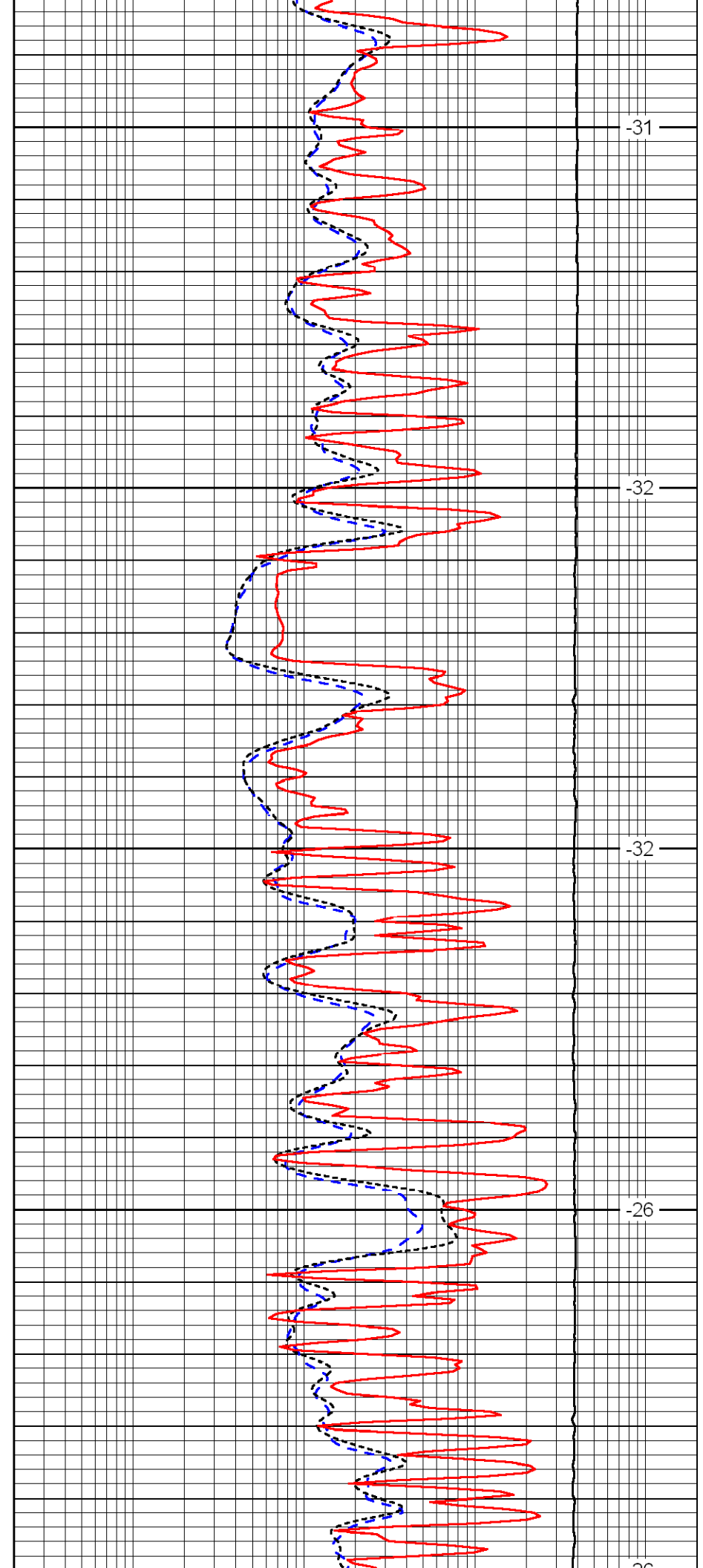
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4800

4850

4900

4950



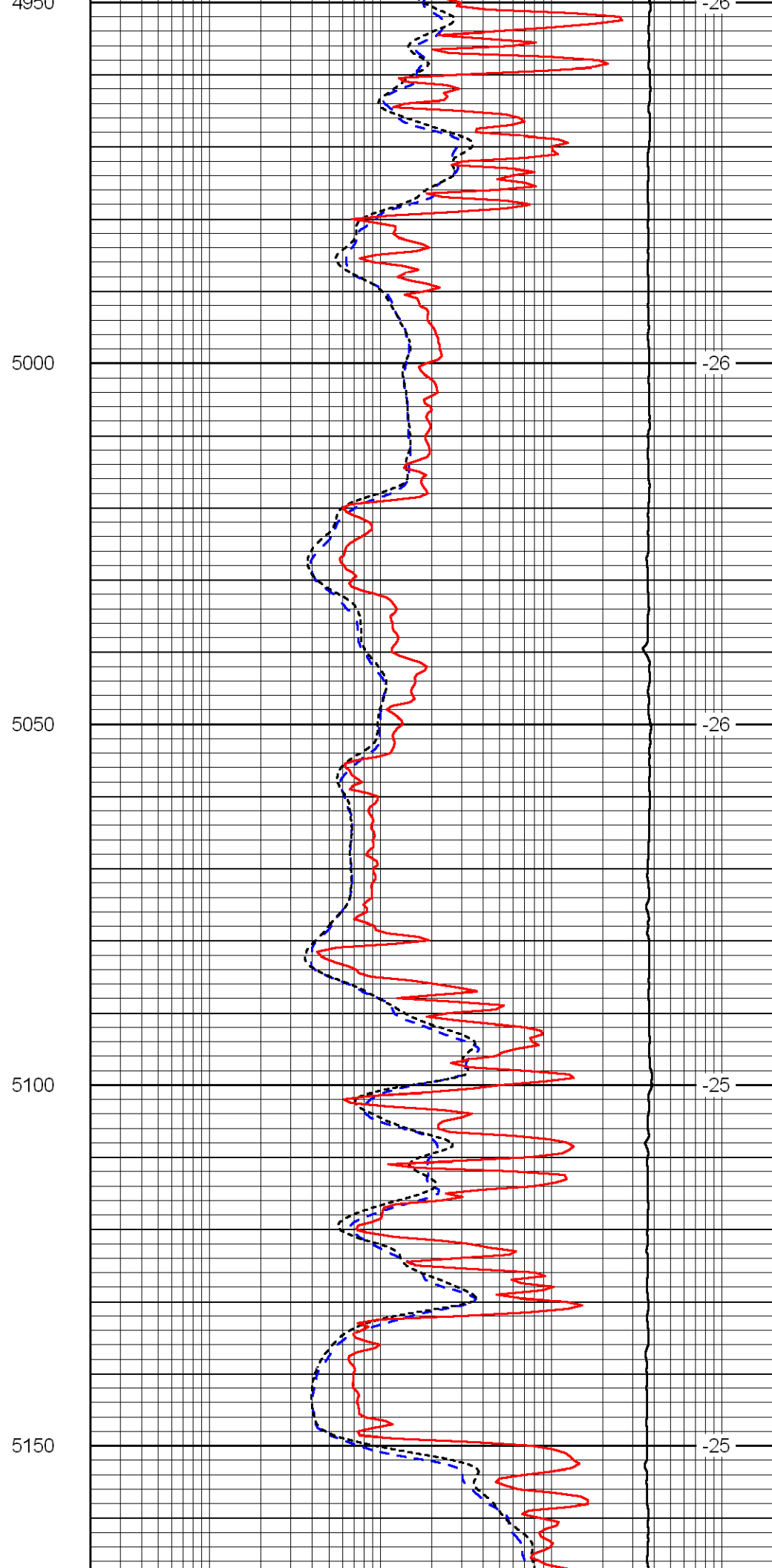
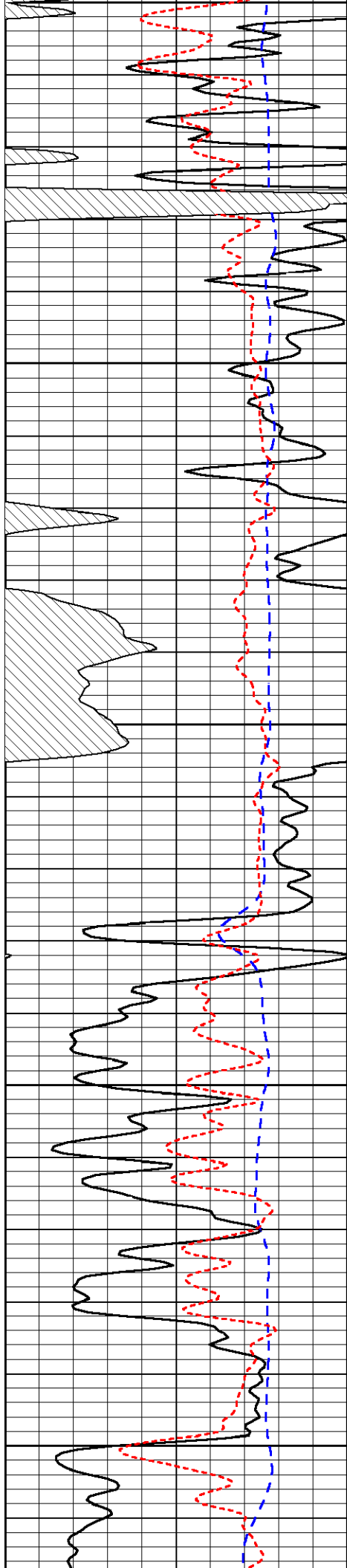
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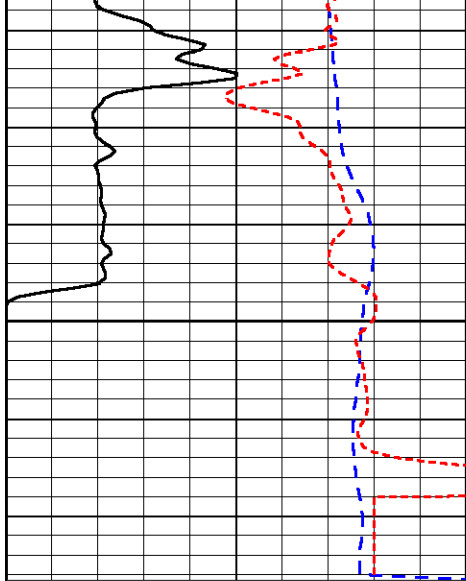
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-32

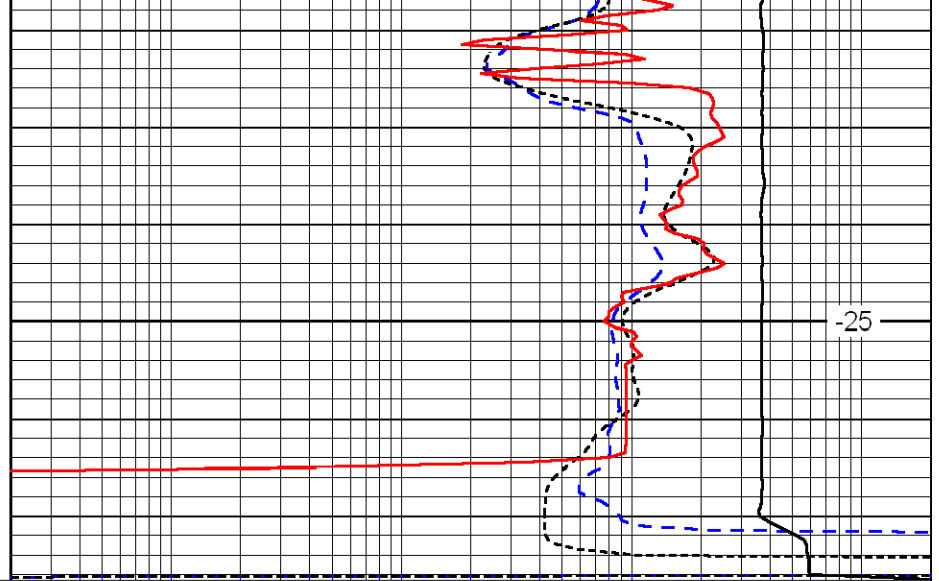
-26

-26





5200



-25

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

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)
