



Dual Induction Log

Pioneer Energy Services

API No.

15-097-21,776-00-00

Company **McCoy Petroleum Corporation**

Well **McKinney Trust "A" #2-23**

Field **Alford**

County **Kiowa**

State

Kansas

Location

990' FSL & 2310' FEL

Other Services
CNL/CDL
MEL/BHCS

Sec: **23**

Twp: **30S**

Rge: **19W**

Elevation

K.B. 2231
D.F. 2222
G.L. 2222

Permanent Datum
Log Measured From
Drilling Measured From

Ground Level
Kelly Bushing
From Kelly Bushing

Elevation 2222
9 Ft. Above Perm. Datum

Date

3/18/2014

Run Number

One

Depth Driller

5200

Depth Logger

5202

Bottom Logged Interval

5201

Top Log Interval

600

Casing Driller

8.625 @ 609

Casing Logger

608

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

8.000

Density / Viscosity

9.3 68

pH / Fluid Loss

10.5 9.6

Source of Sample

Flowline

Rm @ Meas. Temp

.25 @ 53

Rmf @ Meas. Temp

.19 @ 53

Rmc @ Meas. Temp

.34 @ 53

Source of Rmf / Rmc

Charts

Rm @ BHT

.1 @ 128

Operating Rig Time

5 Hours

Max Rec. Temp. F

128

Equipment Number

17

Location

Hays

Recorded By

C. Desaire

Witnessed By

Larry Nicholson

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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 Pioneer Energy Services
www.pioneerenergy.com
785 625 3858

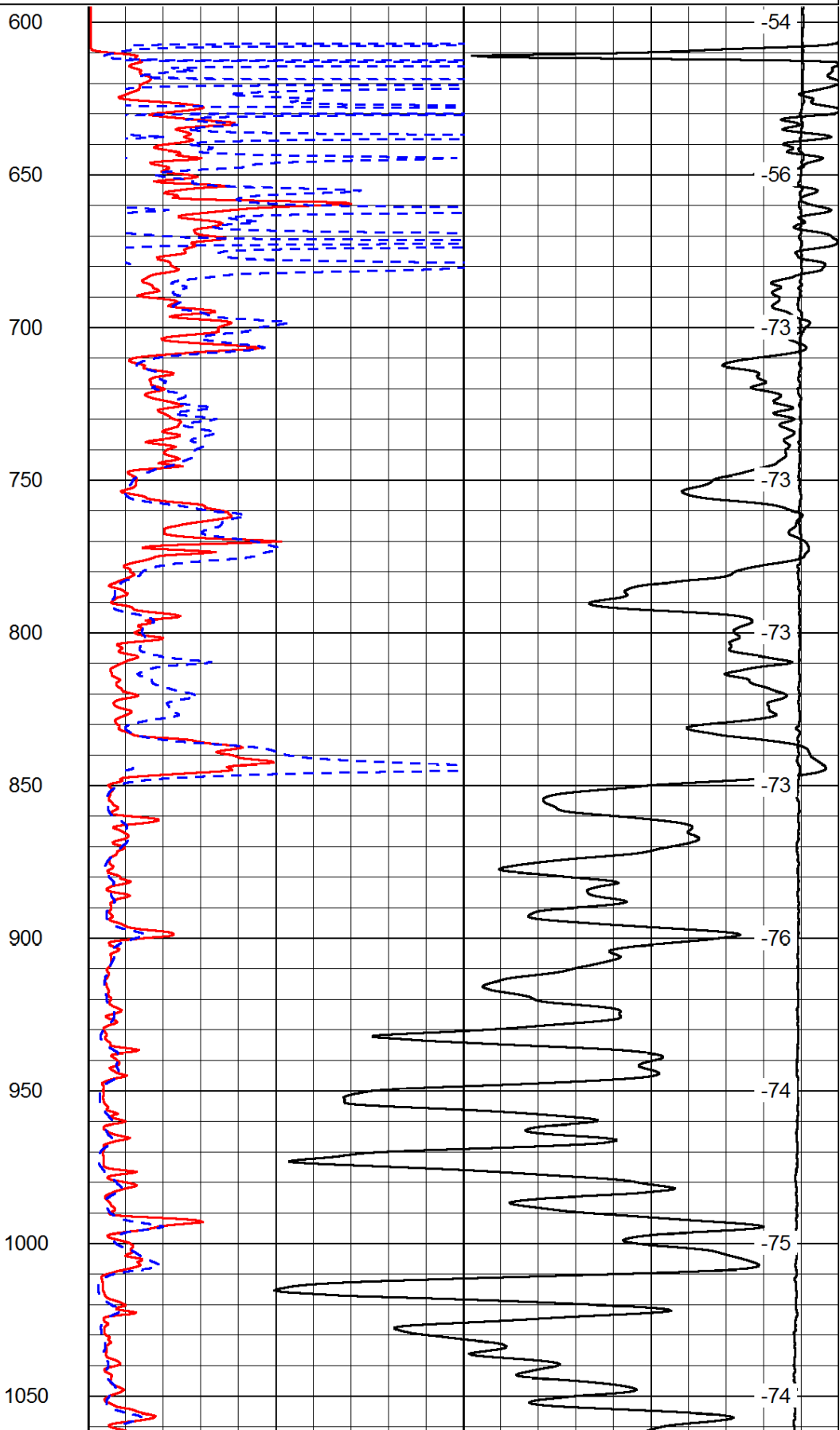
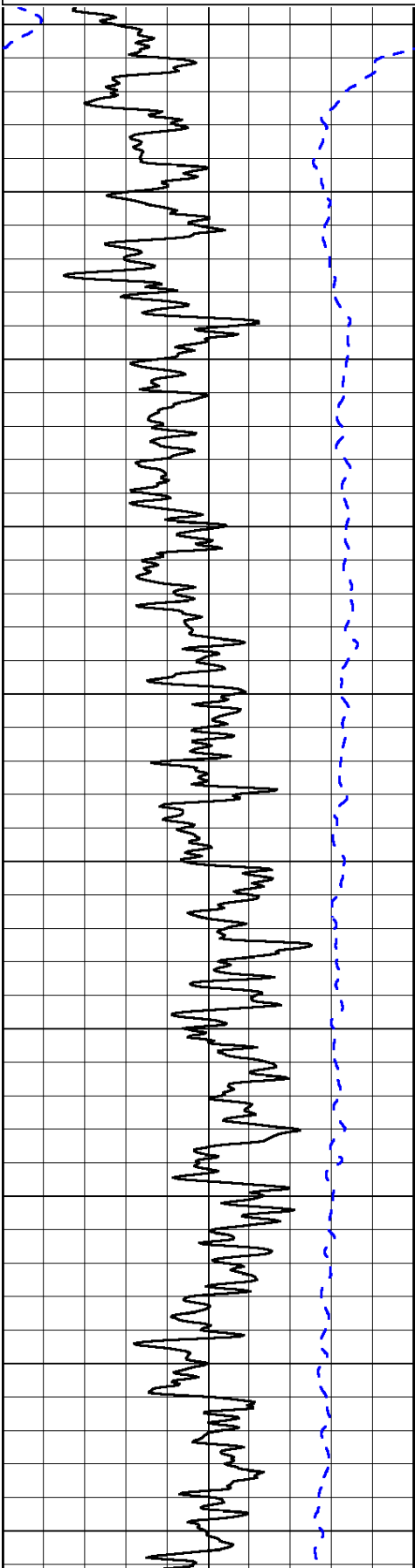
Greensburg KS, 10 S to T St,
3 W, 2 3/4 S, E Into

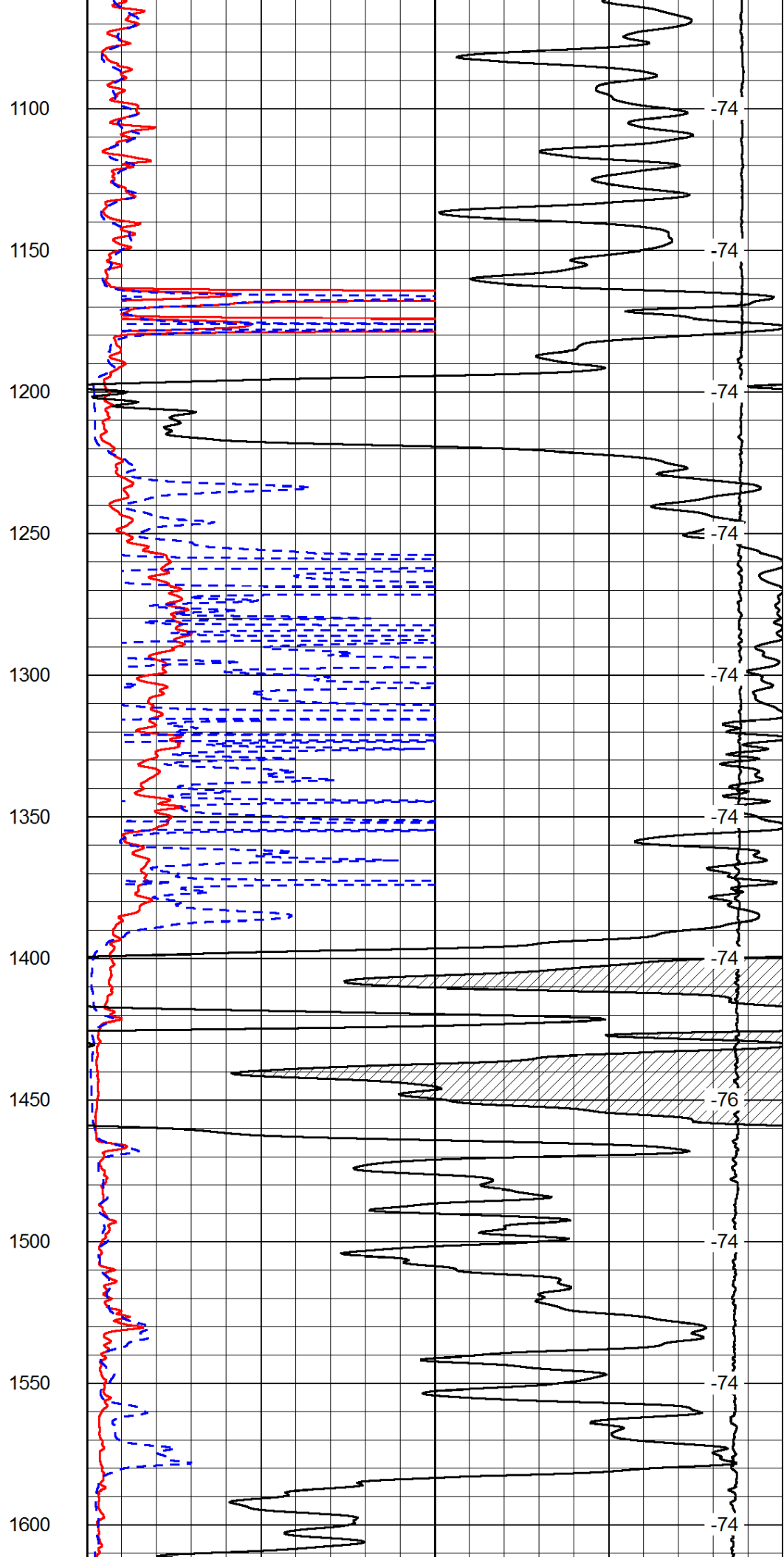
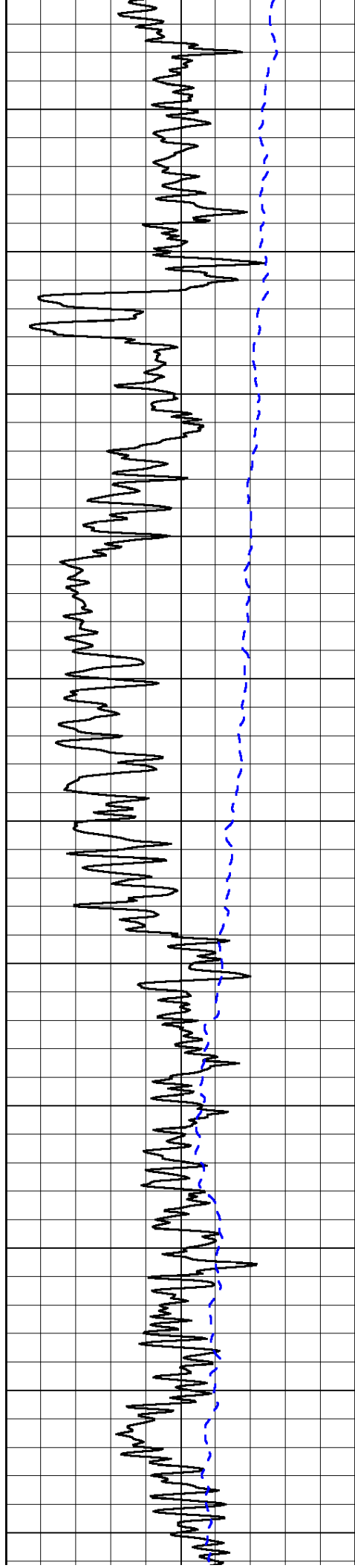
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Presentation Format: dil2in
Dataset Creation: Tue Mar 18 19:55:49 2014
Charted by: Depth in Feet scaled 1:600

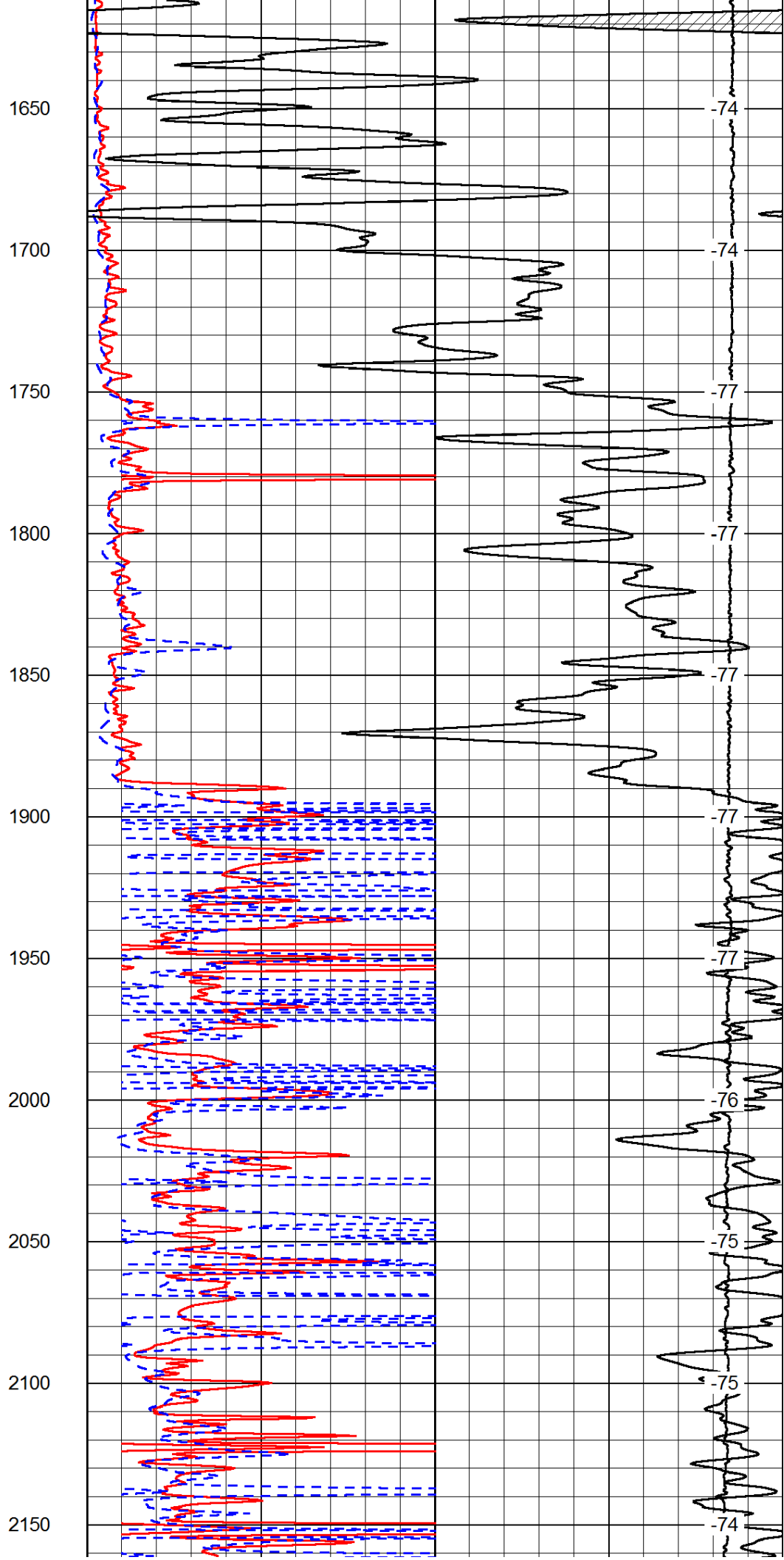
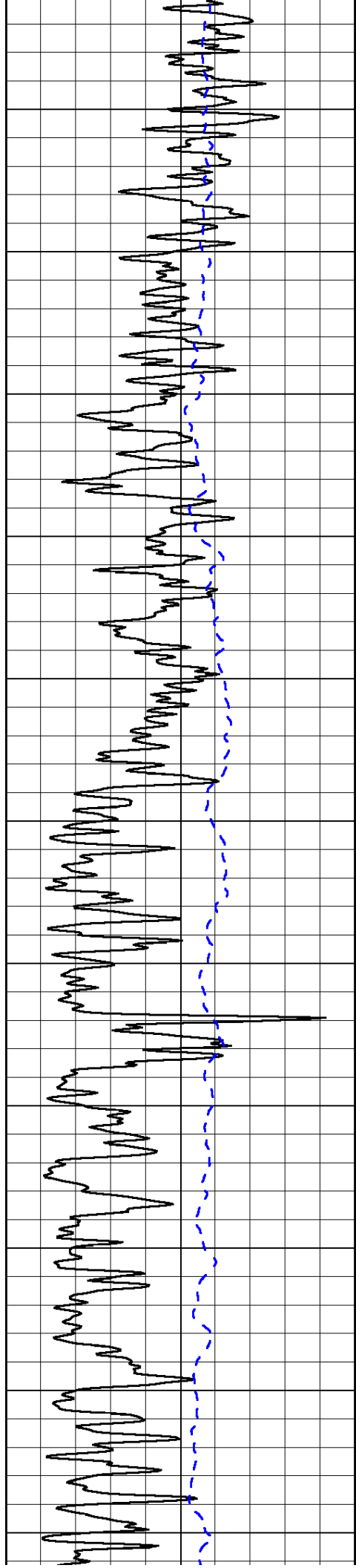
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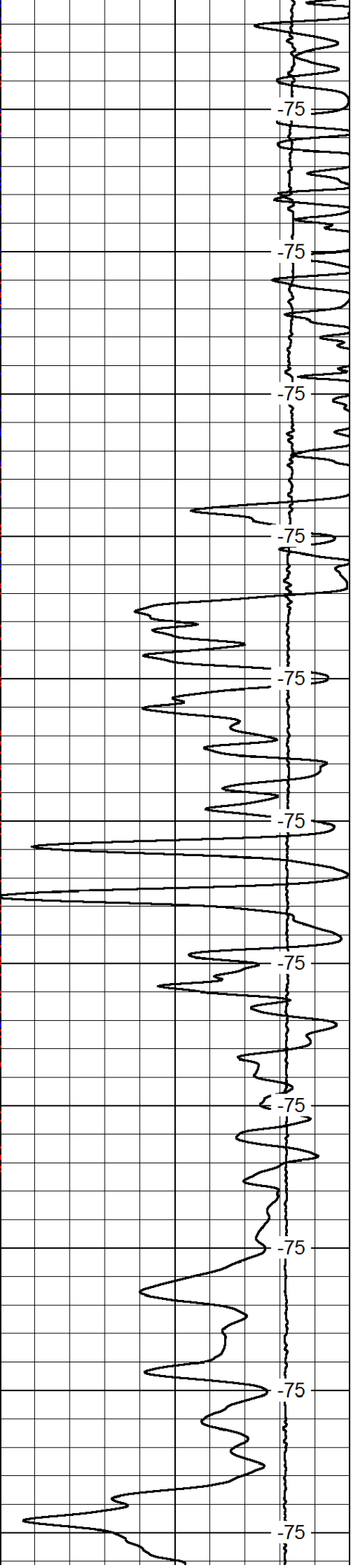
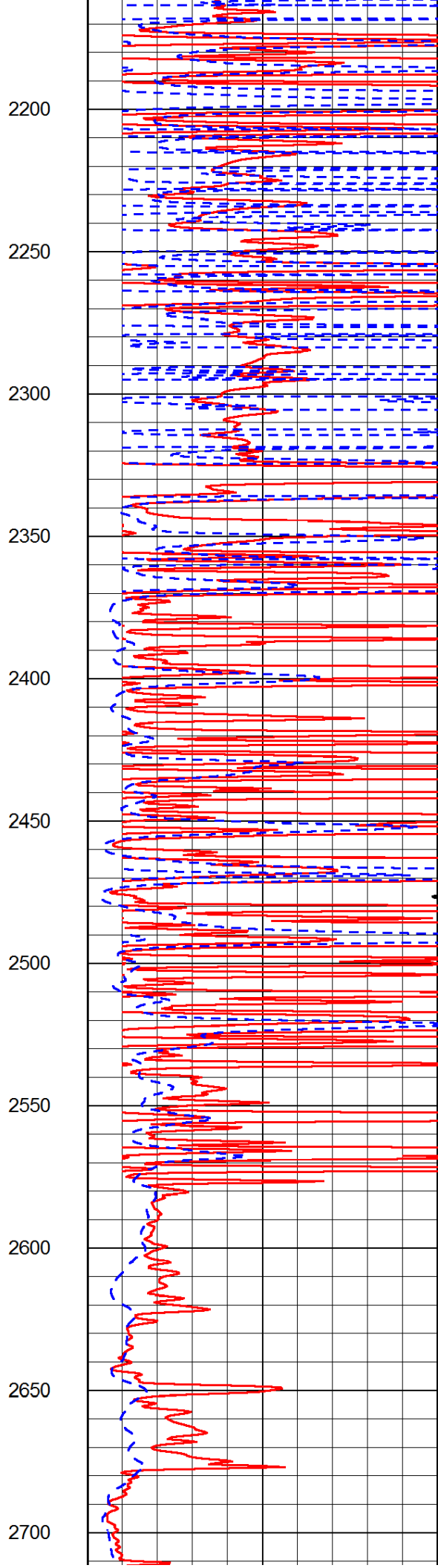
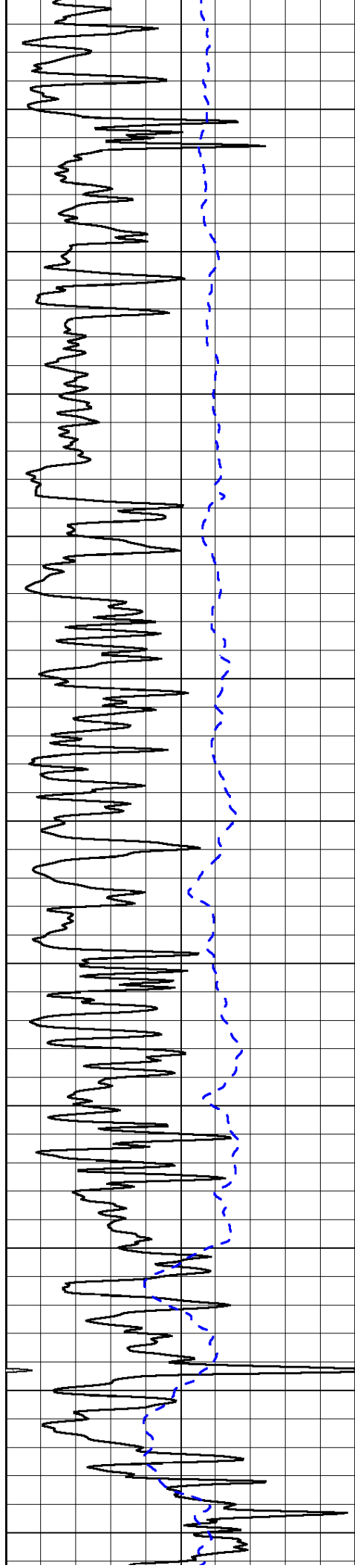
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-200	SP (mV)	0

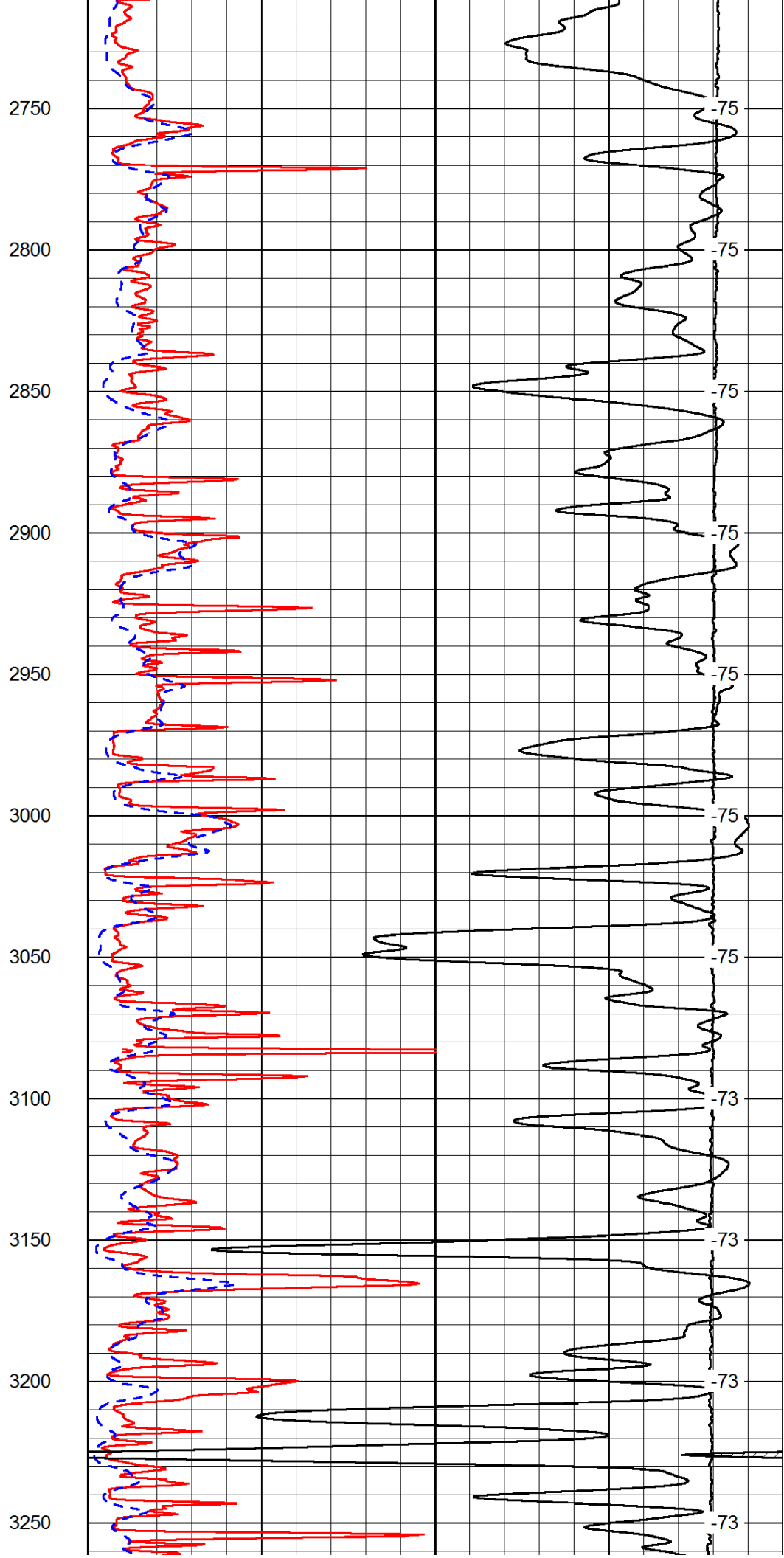
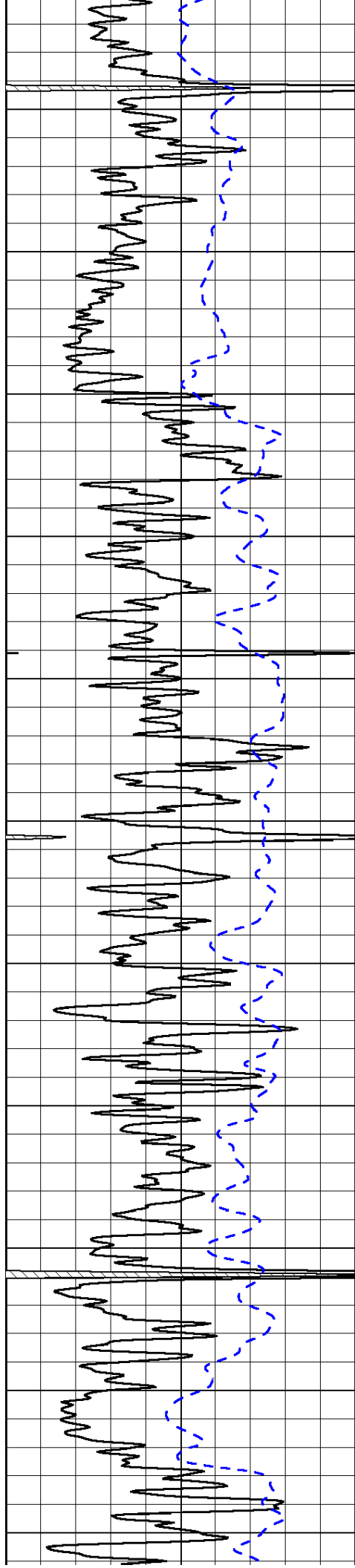
0		Shallow Resistivity	50		LSPD
0		Deep Resistivity	50		
1000		Conductivity		0	
15000		Line Tension		0	
	50	Shallow Resistivity	500		
	50	Deep Resistivity	500		

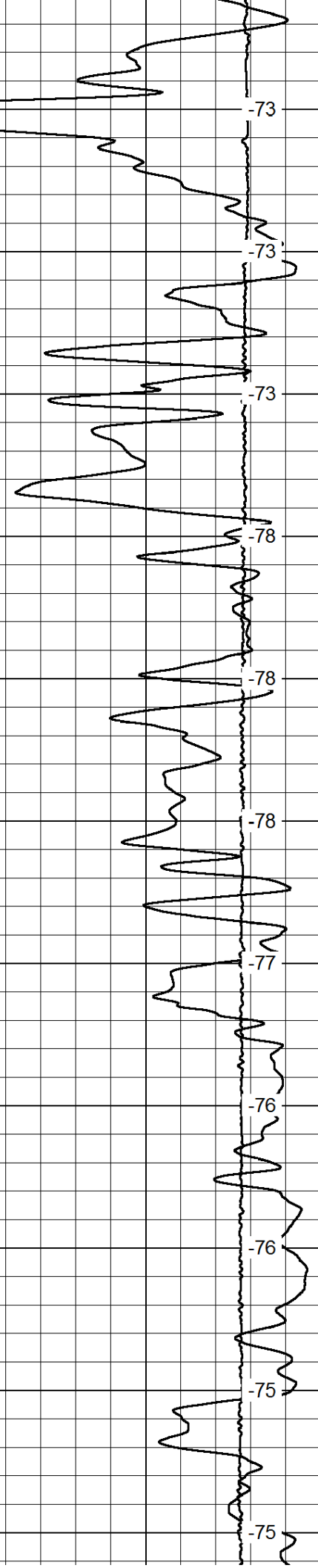
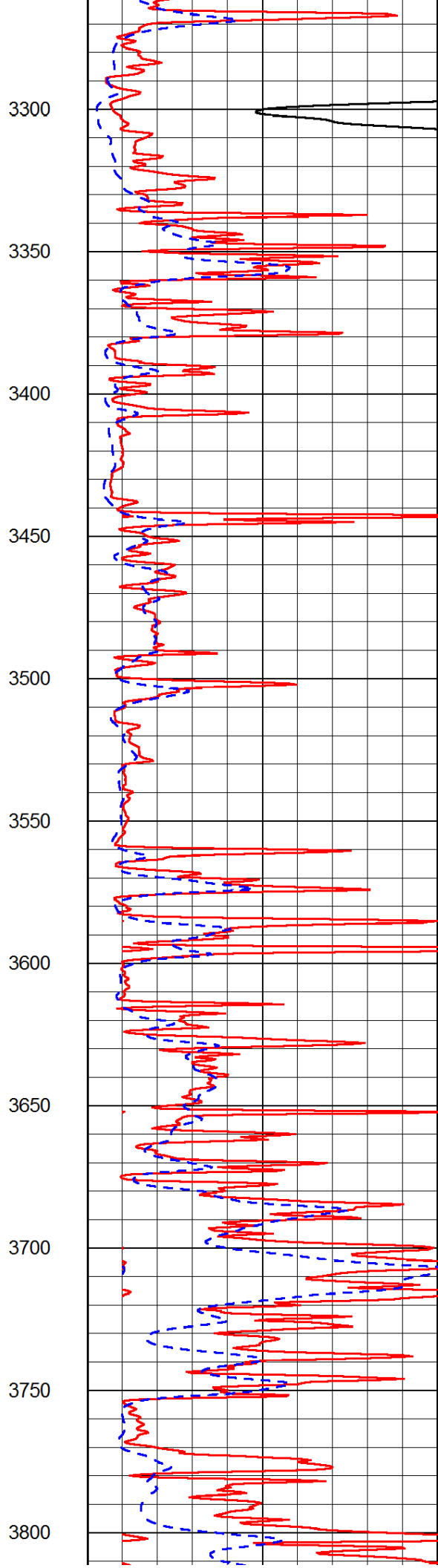
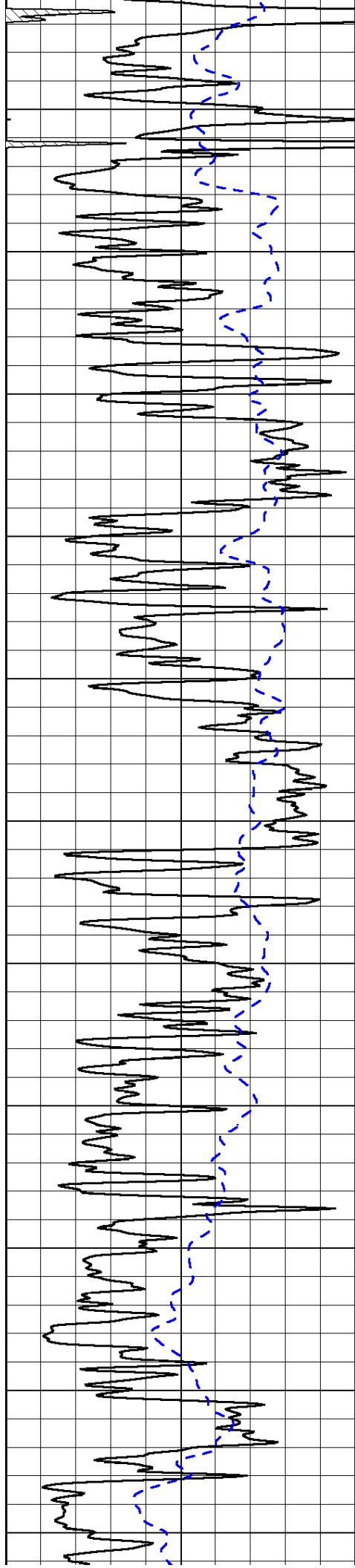


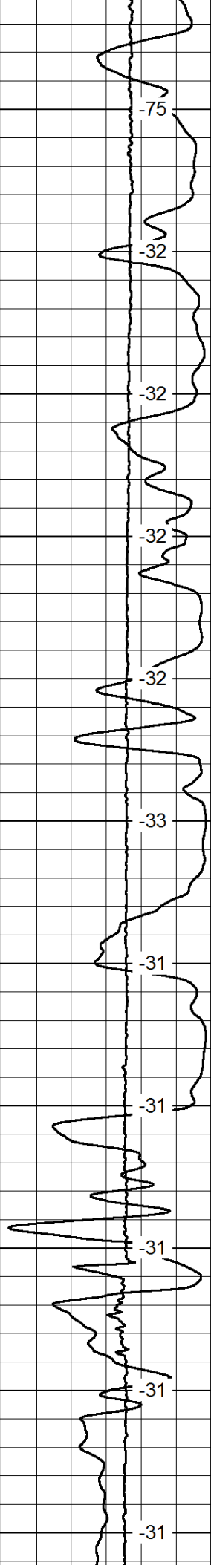
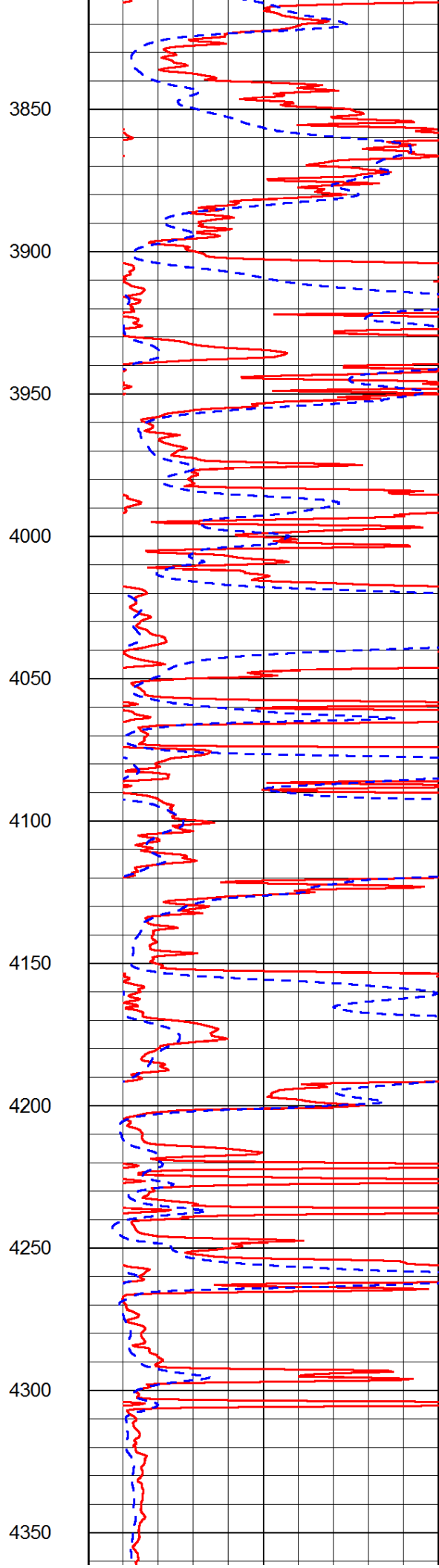
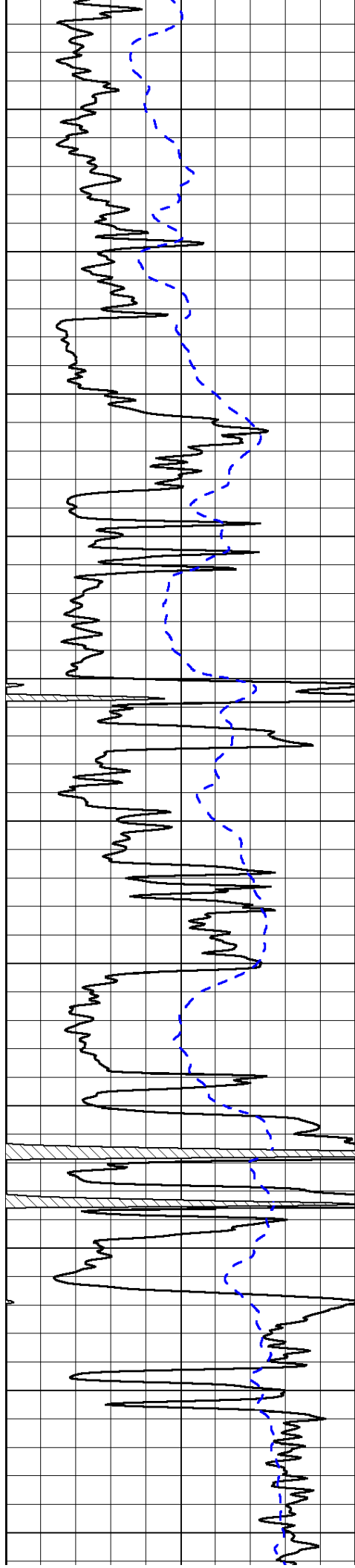


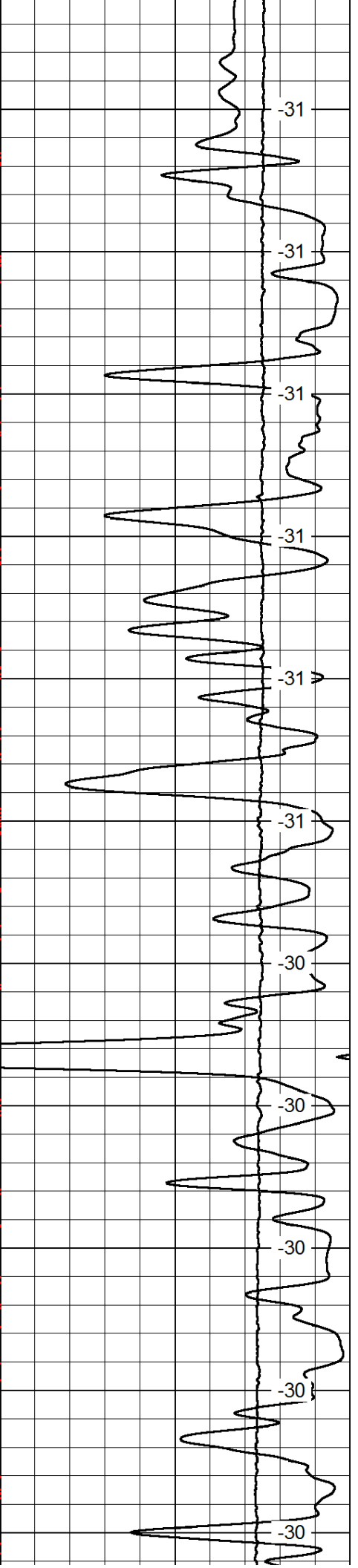
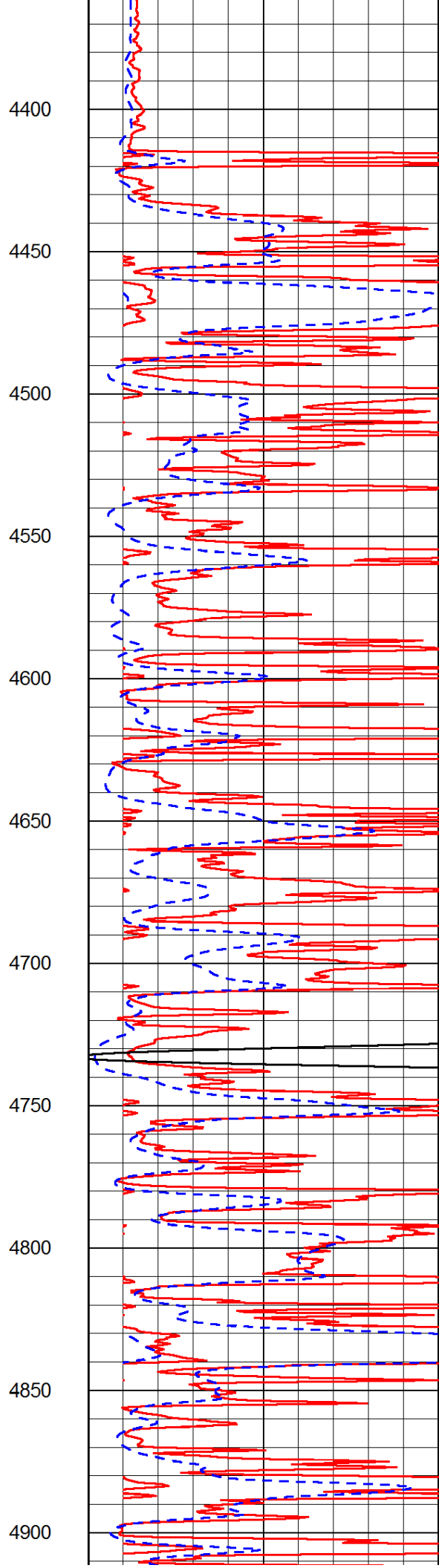
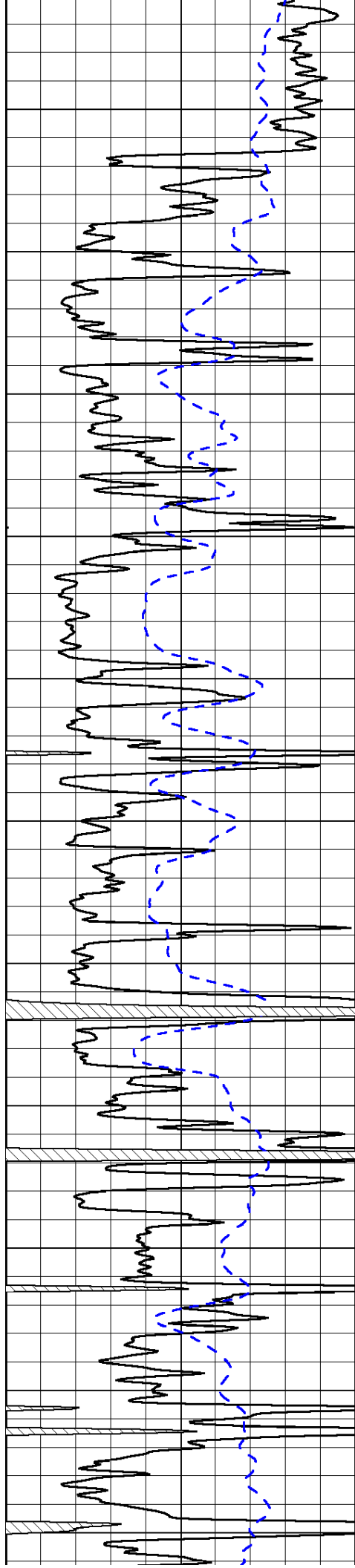


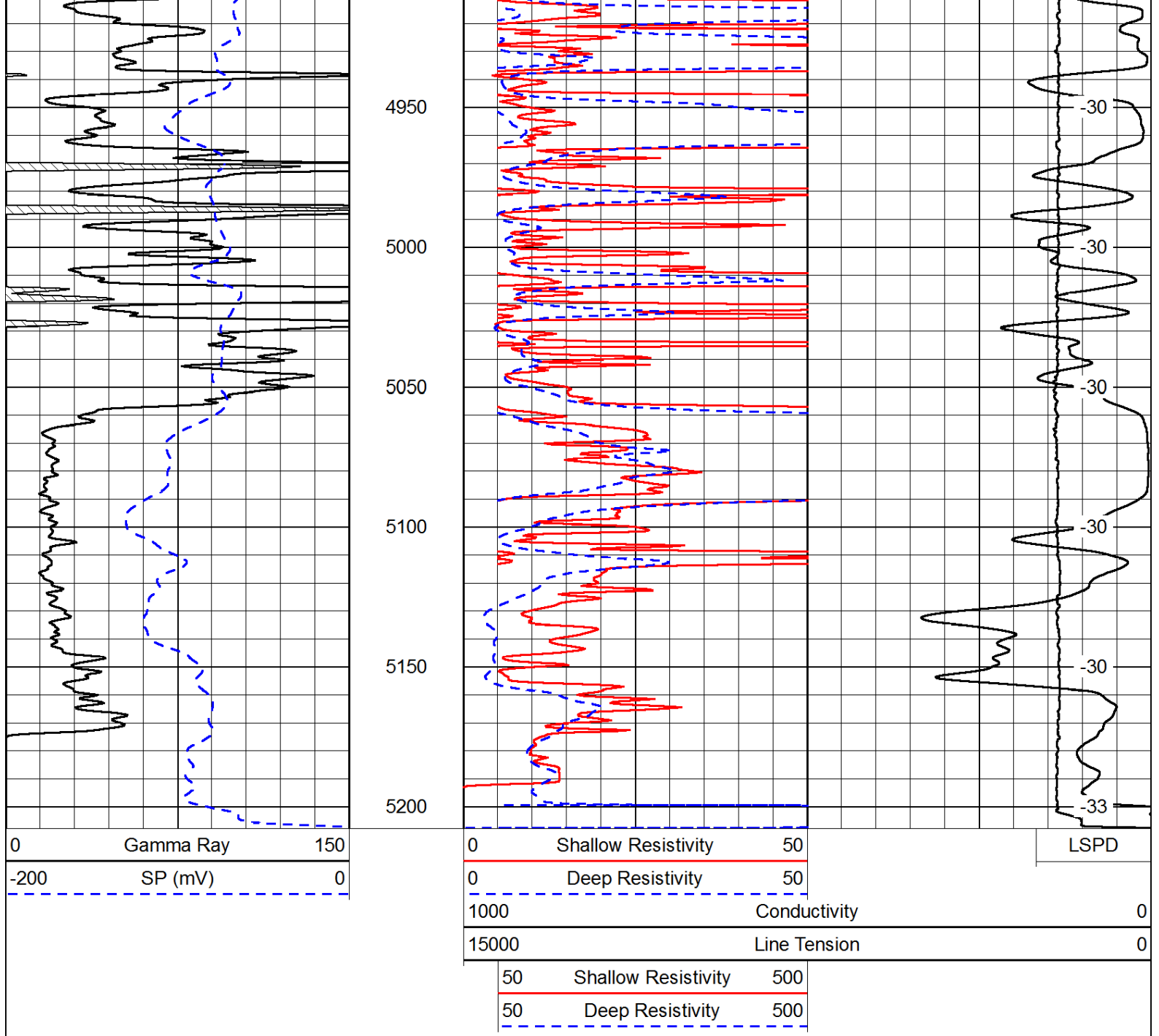




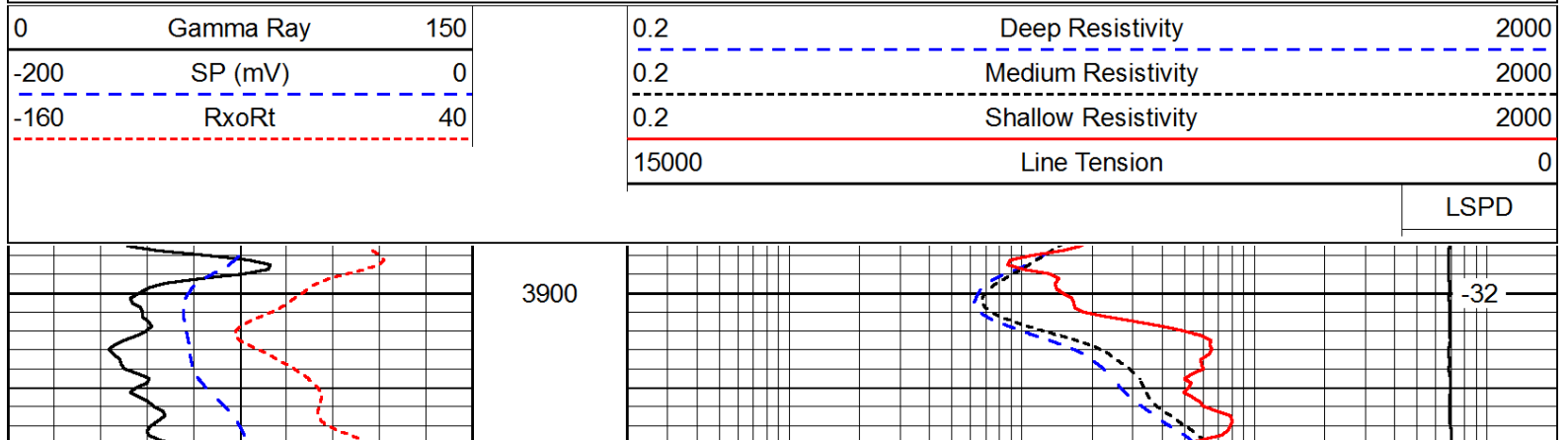


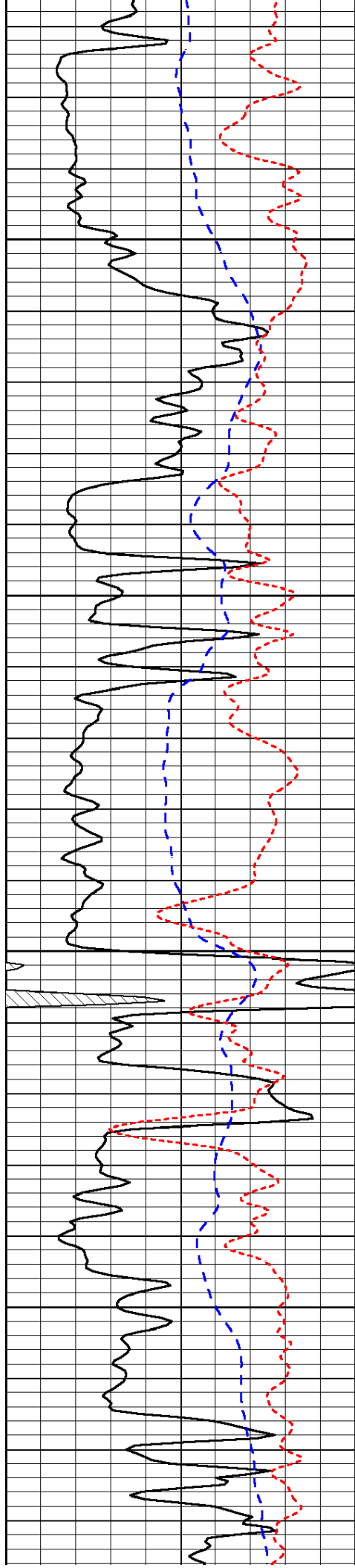






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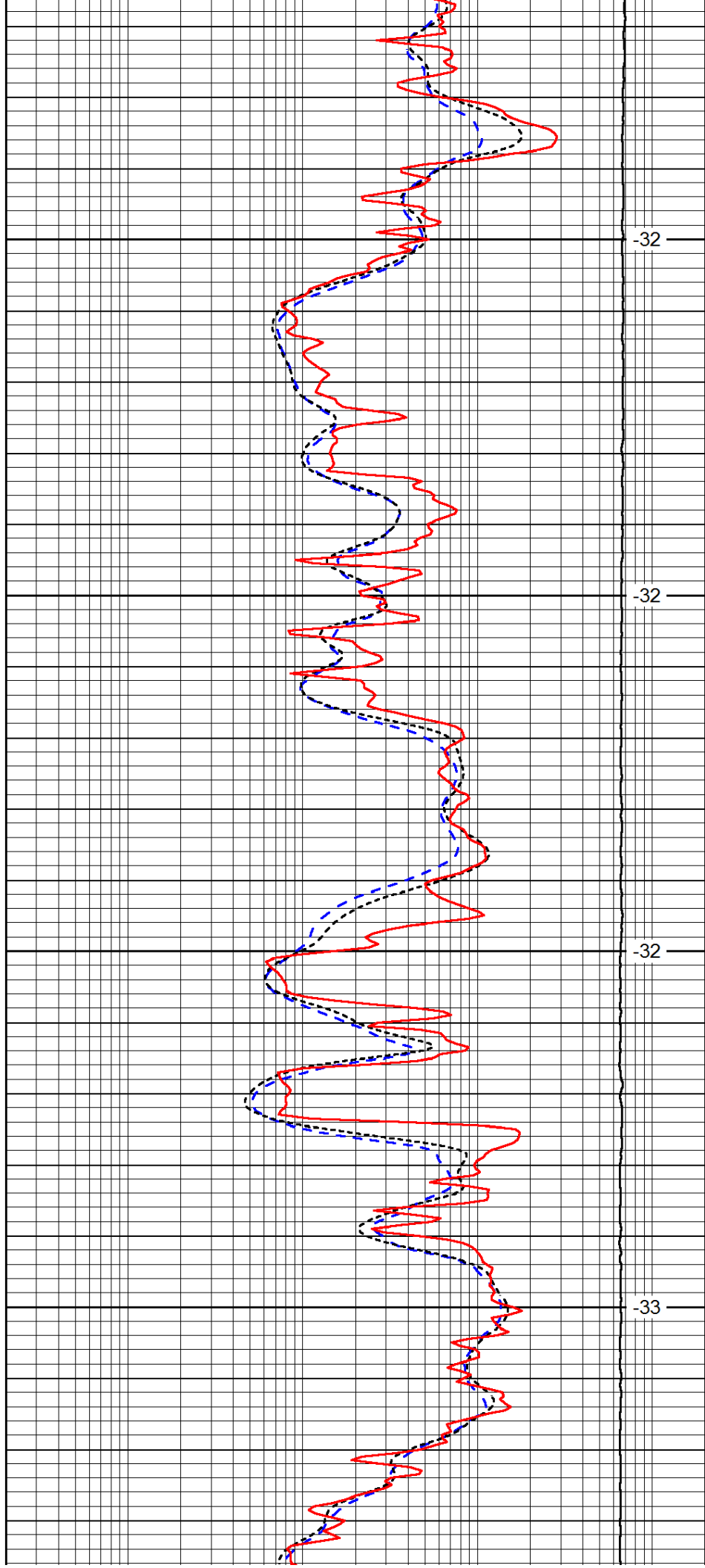


3950

4000

4050

4100

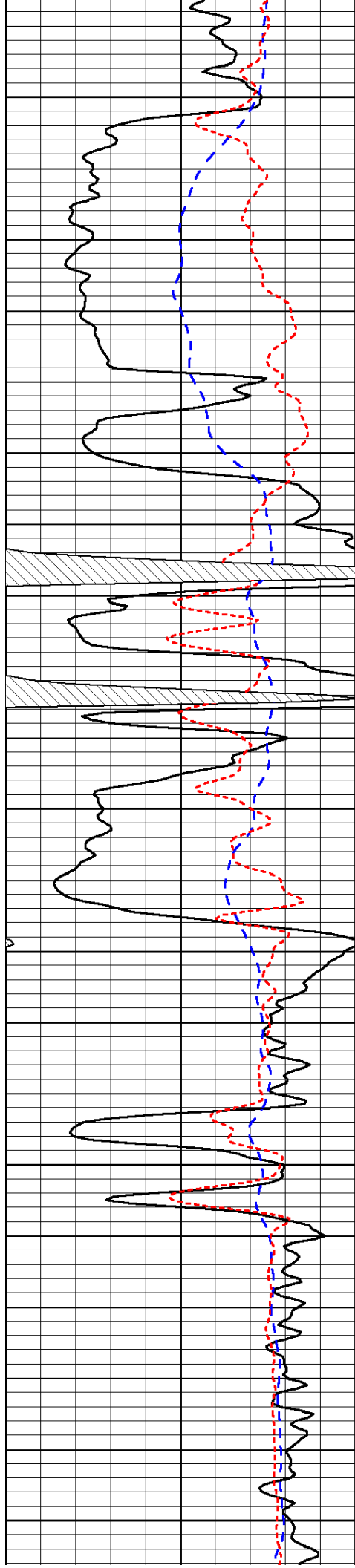


-32

-32

-32

-33



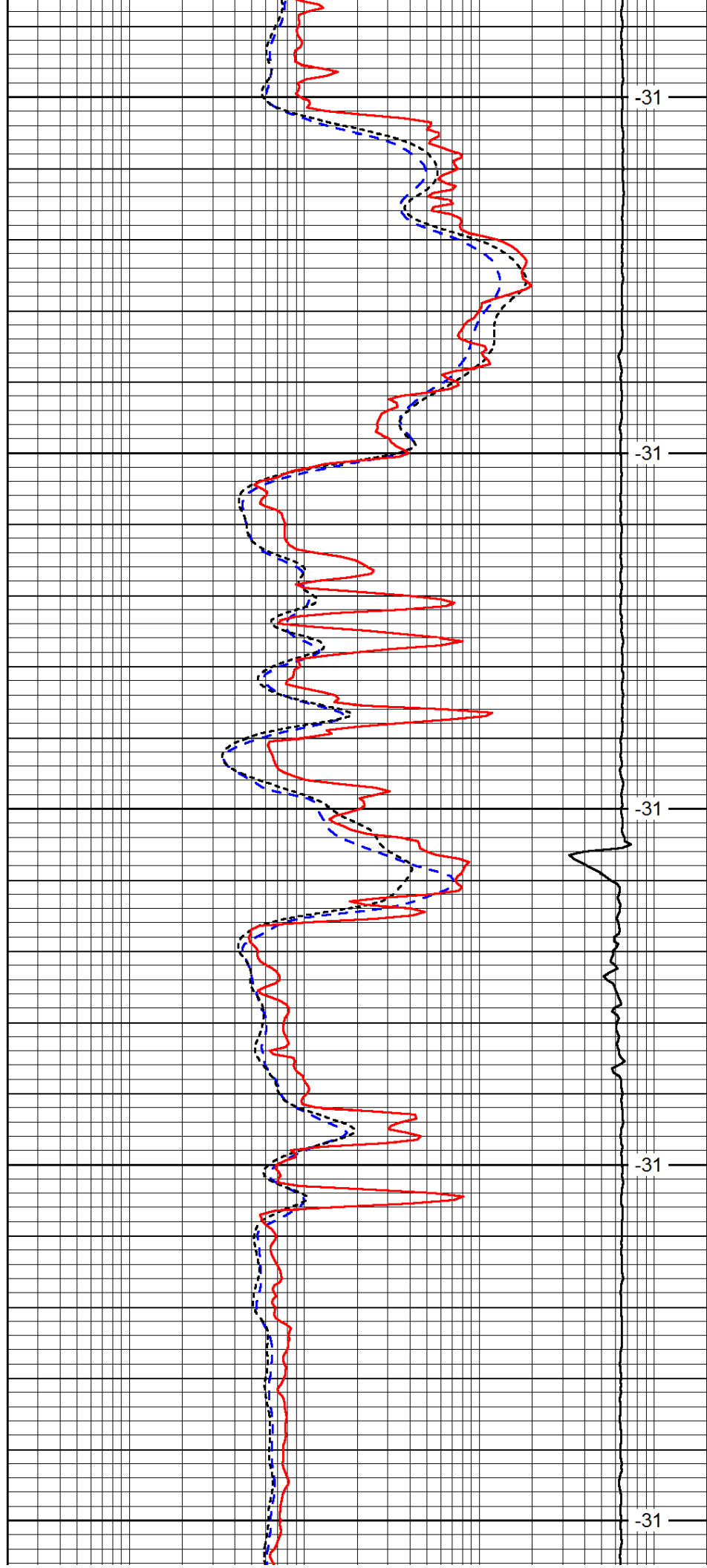
4150

4200

4250

4300

4350



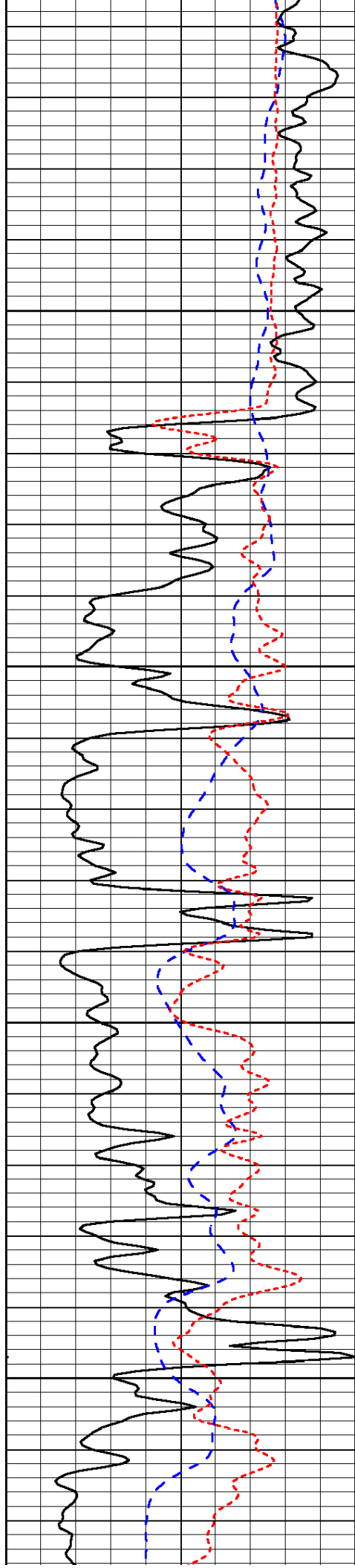
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-31

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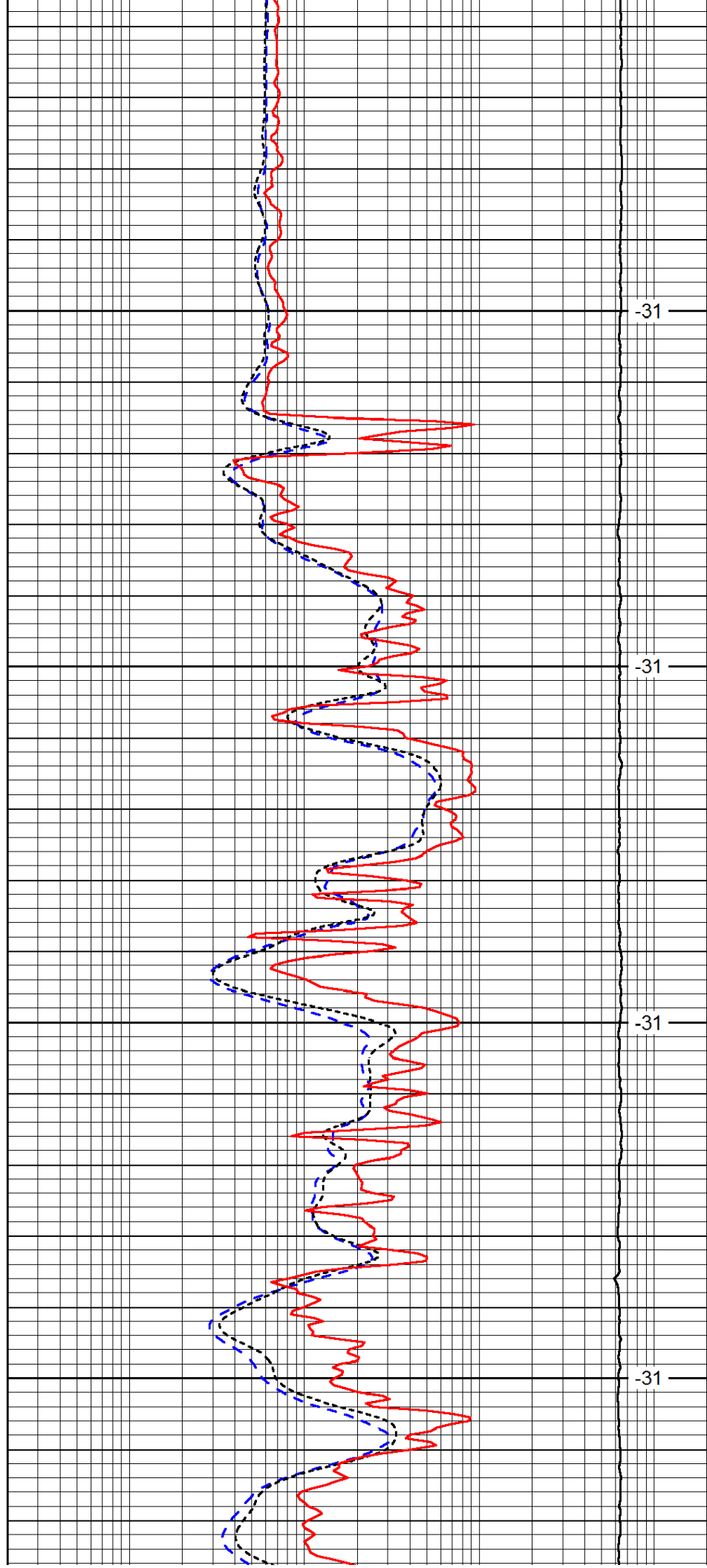


4400

4450

4500

4550

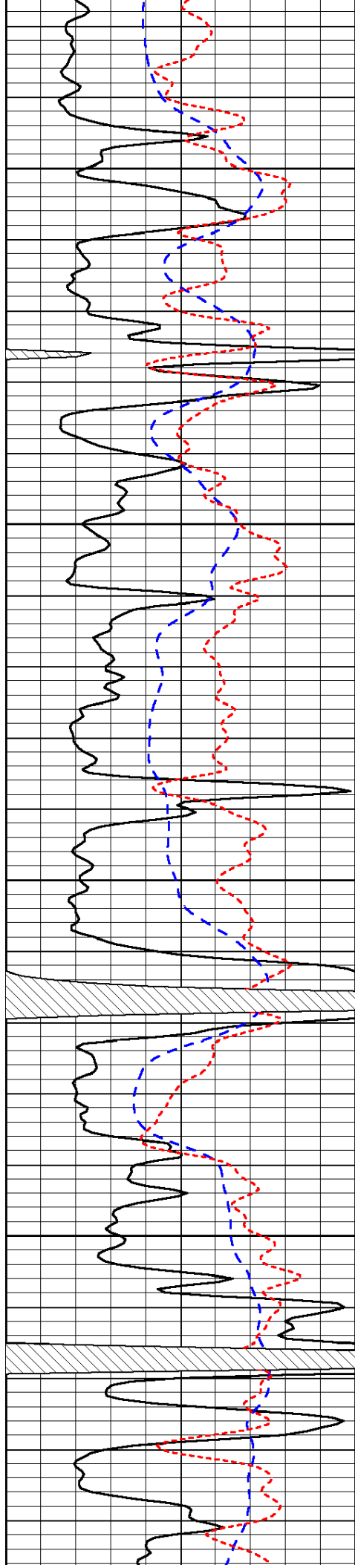


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-31

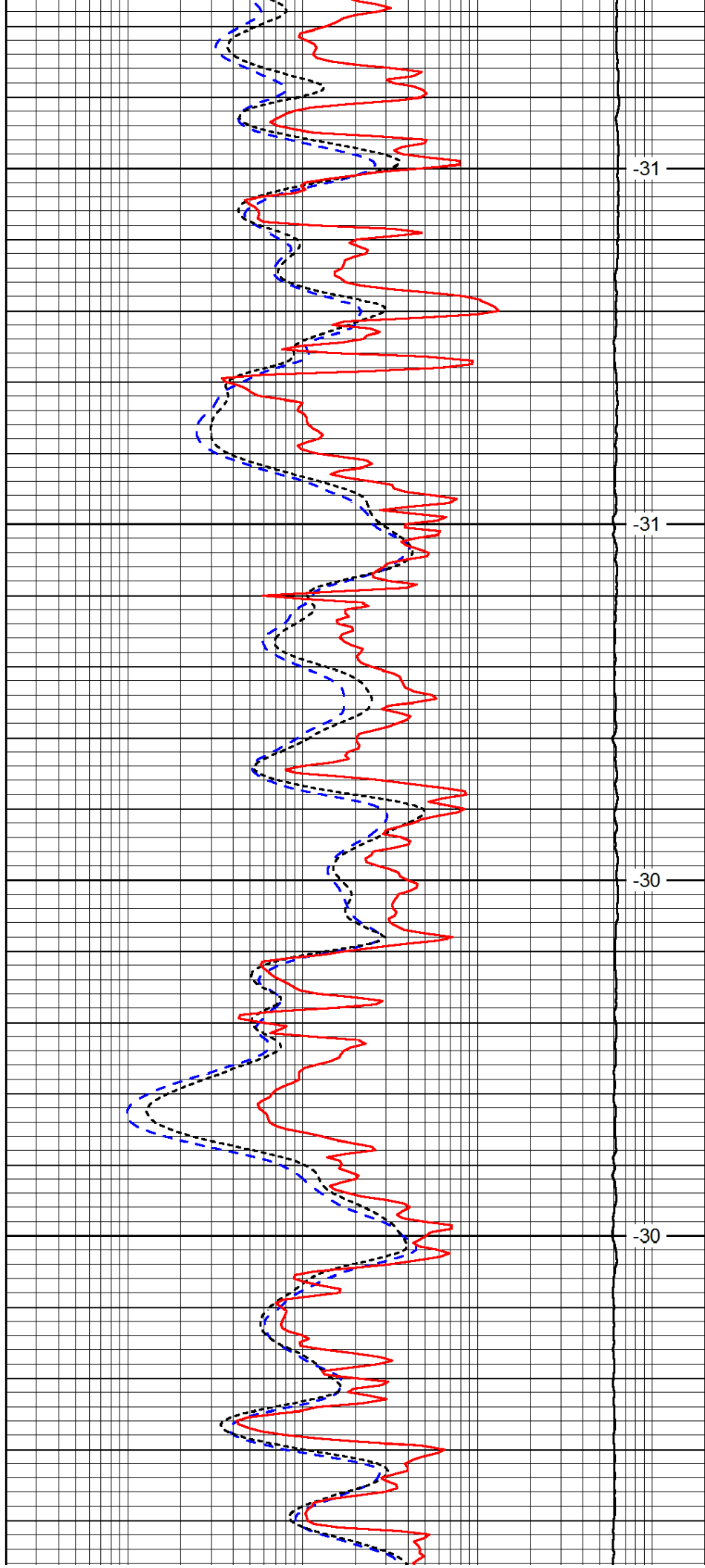


4600

4650

4700

4750

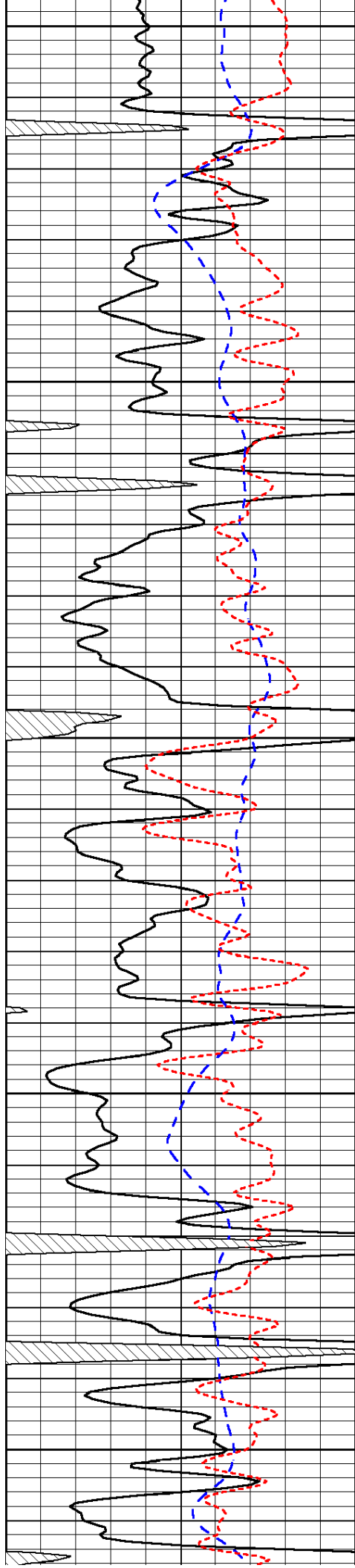


-31

-31

-30

-30



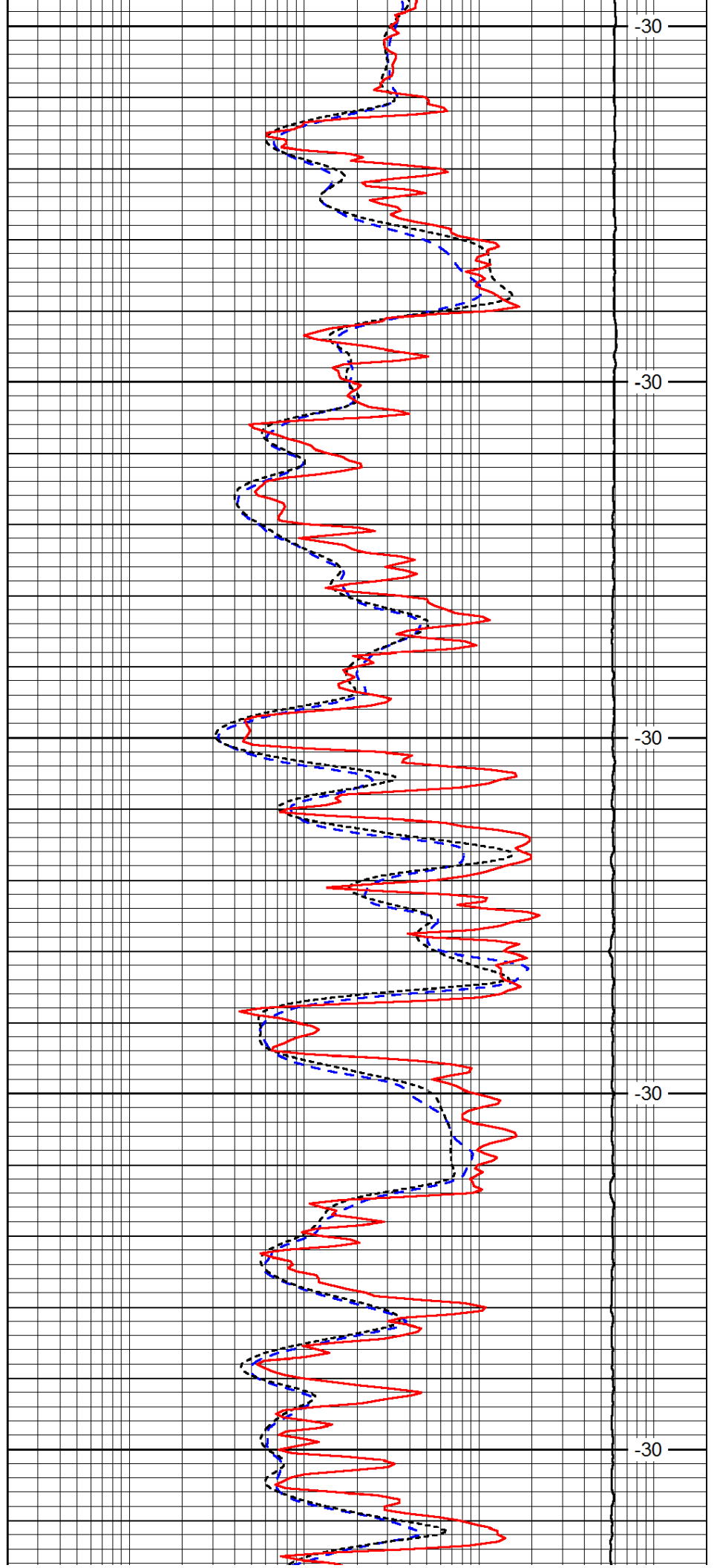
4800

4850

4900

4950

5000



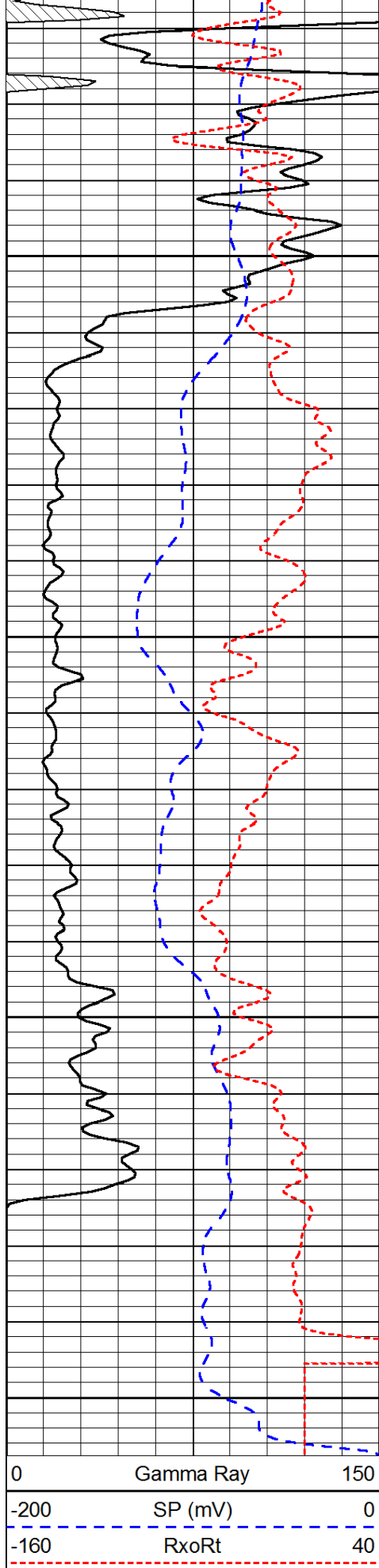
-30

-30

-30

-30

-30



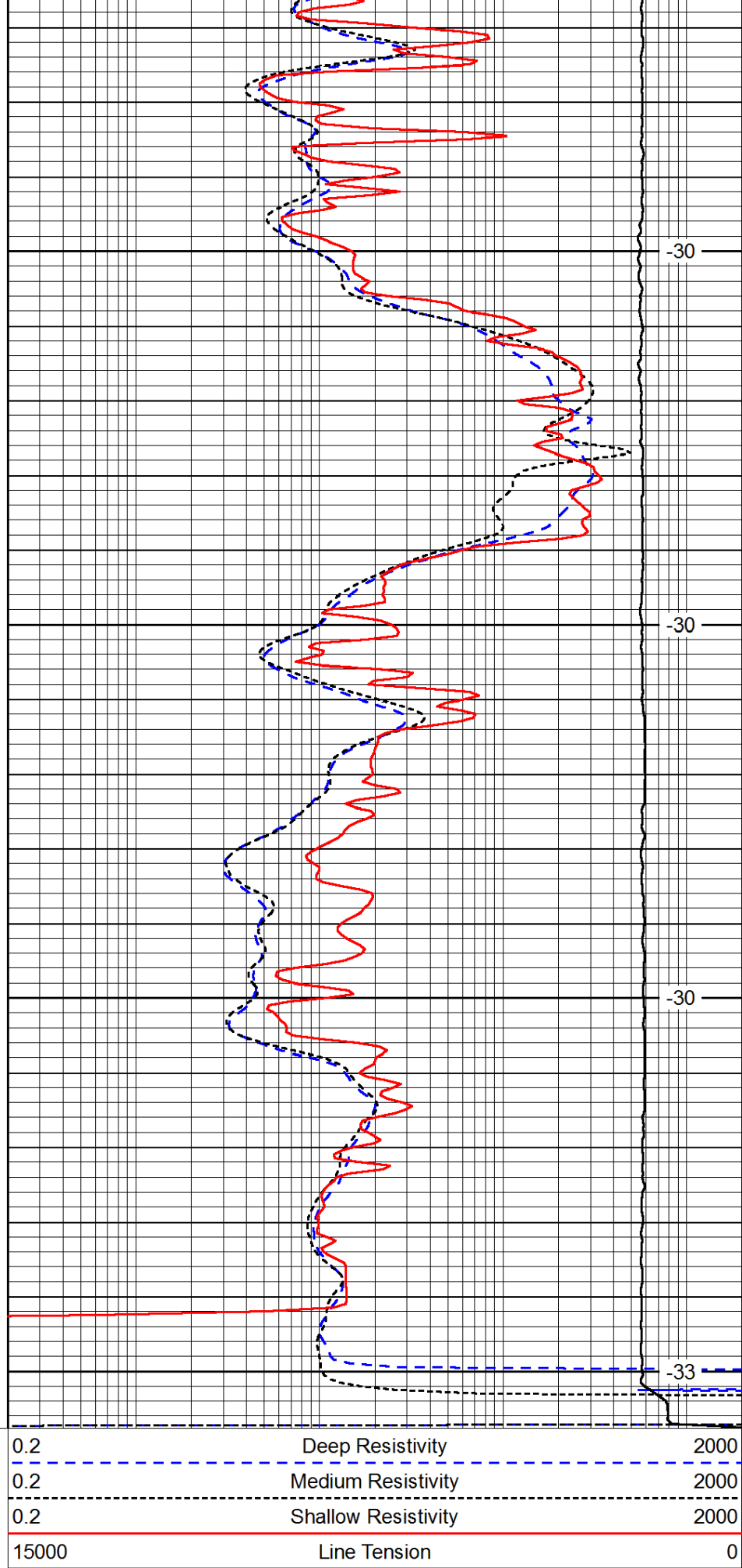
5050

5100

5150

5200

0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40



-30

-30

-30

-33

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD