



Dual Induction Log

Pioneer Energy Services

API No.

15-135-25,444-00-00

Company American Warrior, Inc.

Well C.L. No.1-25

Field McVicker

County Ness State

Kansas

Location 1200' FNL & 2607' FWL

Sec: 25 Twp: 20S Rge: 26W

Other Services
CNL/CDL
MEL/BHCS

Permanent Datum Ground Level Elevation 2436

Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing K.B. 2447
D.F. 2436
G.L. 2436

Date 8/12/2012

Run Number

One

Depth Driller

4530

Depth Logger

4532

Bottom Logged Interval

4531

Top Log Interval

200

Casing Driller 8.625 @ 225

225

Casing Logger

7.875

Bit Size

Chemical

Type Fluid in Hole

3.500

Salinity,ppm CL

9.5 47

Density / Viscosity

10.0 10.4

pH / Fluid Loss

Flowline

Source of Sample

.85 @ 77

Rm @ Meas. Temp

.64 @ 77

Rmf @ Meas. Temp

1.15 @ 77

Rmc @ Meas. Temp

Charts

Source of Rmf / Rmc

.54 @ 121

Rm @ BHT

5 Hours

Operating Rig Time

121

Max Rec. Temp. F

17

Equipment Number

Hays

Location

C. Desaire

Recorded By

Kevin Timson

Witnessed By

<<< 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

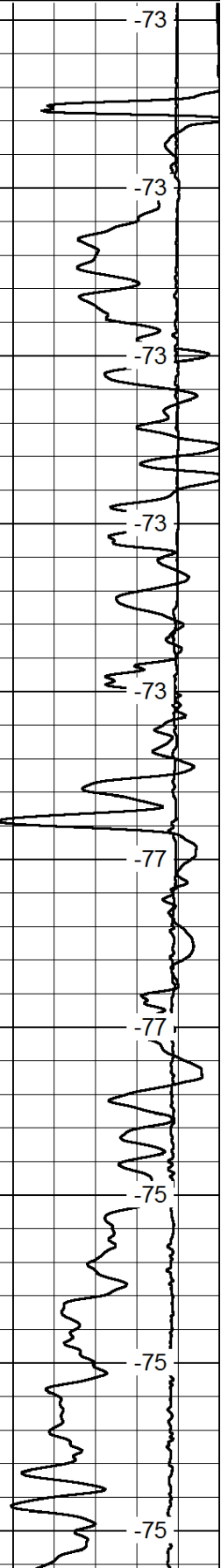
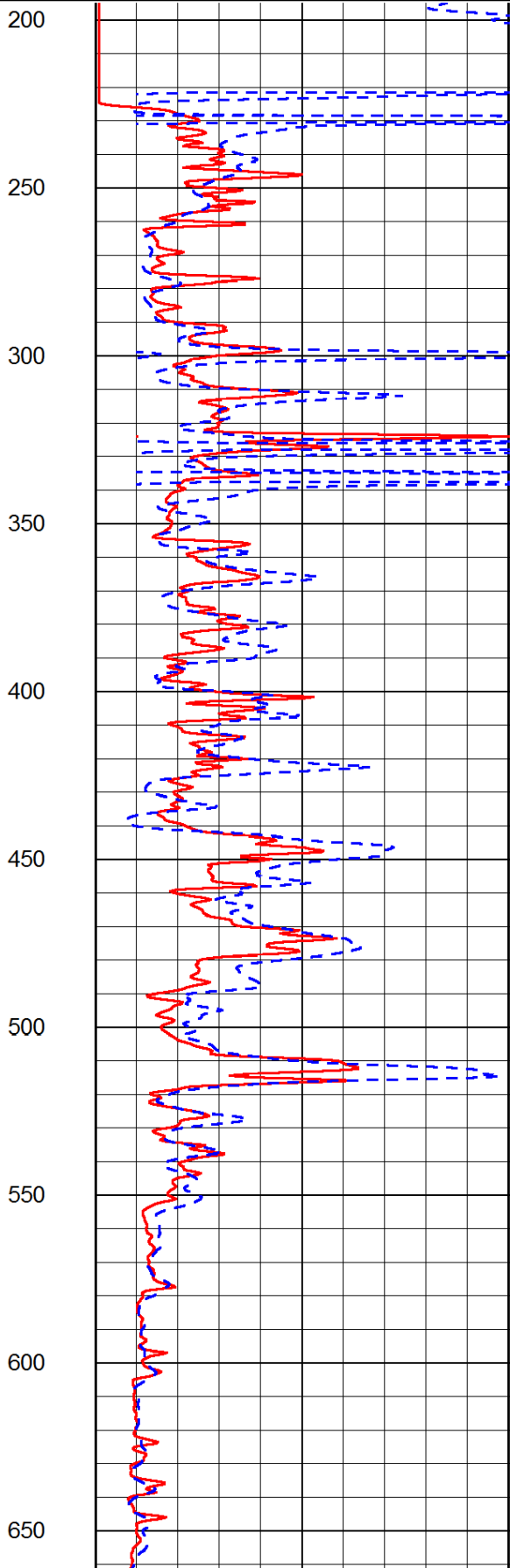
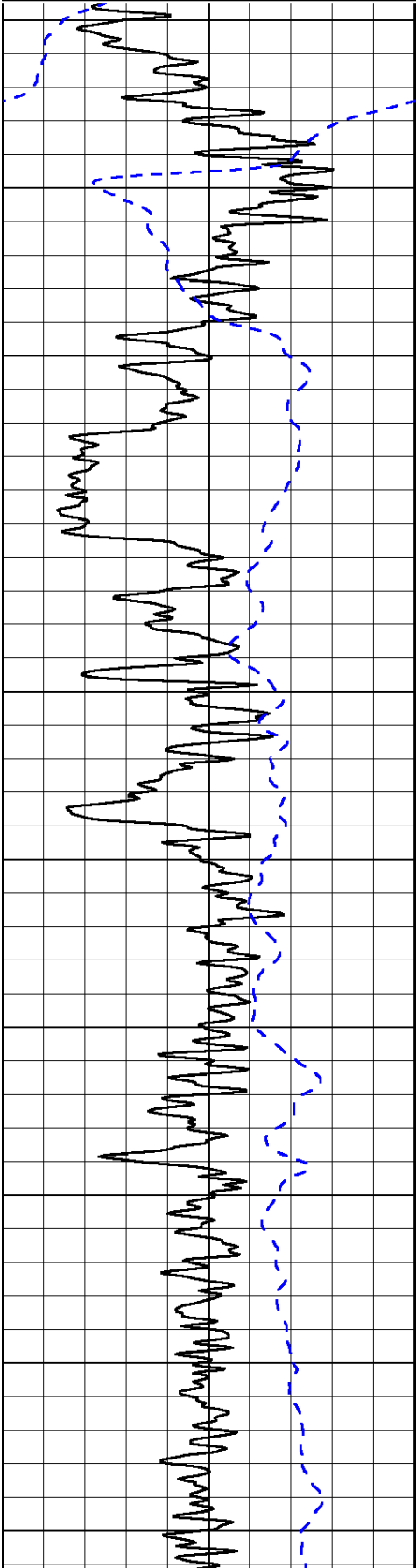
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

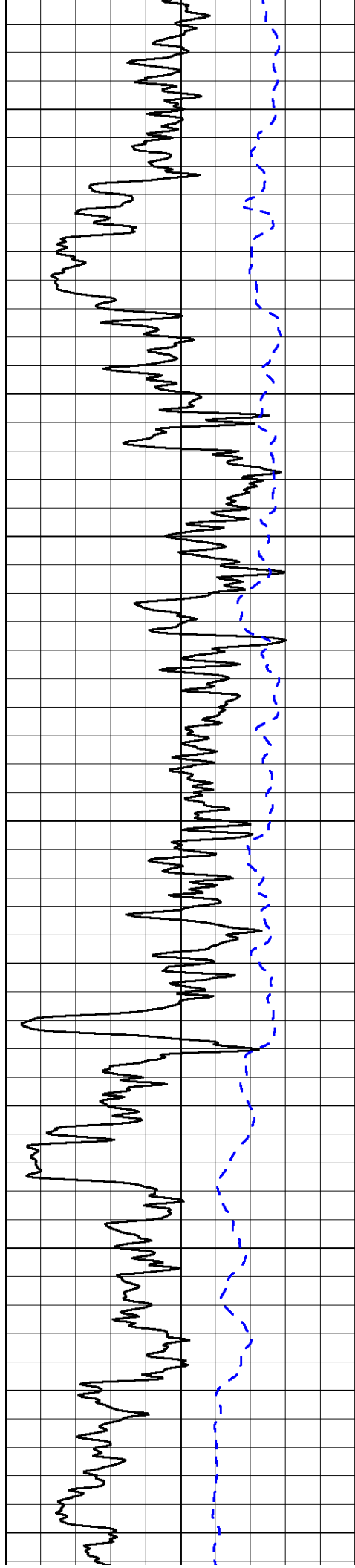
Ness City KS, W to J Rd, 10 S to 20 Rd,
5 W, S Into

Database File: c:\warrior\data\amwar_c.l. no.1-25\awhd.db
Dataset Pathname: dil\awstk
Presentation Format: dil2in
Dataset Creation: Sun Aug 12 05:59:56 2012
Charted by: Depth in Feet scaled 1:600

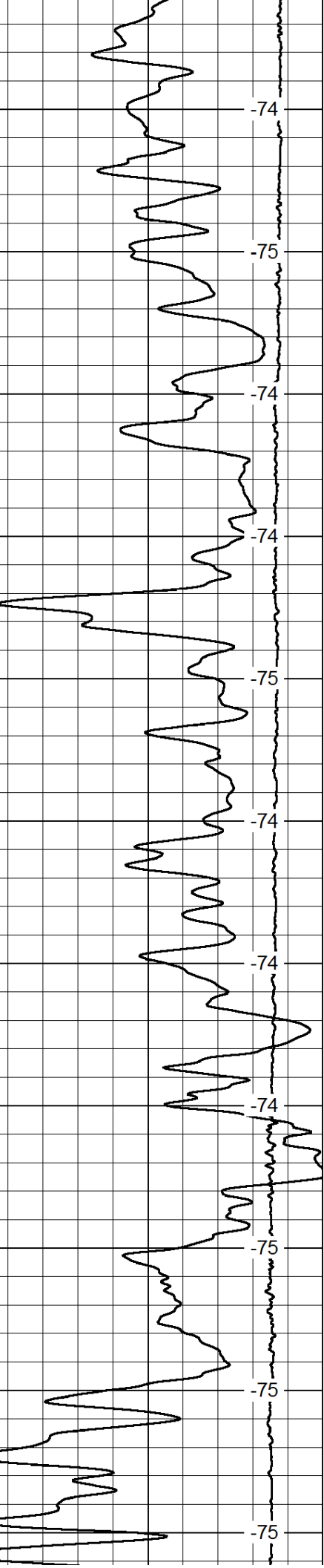
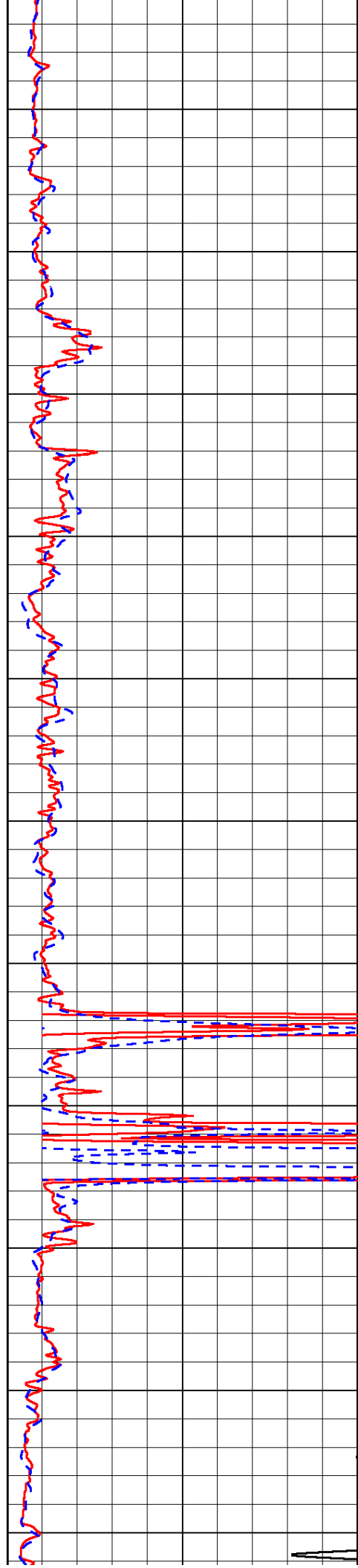
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-200	SP (mV)	0

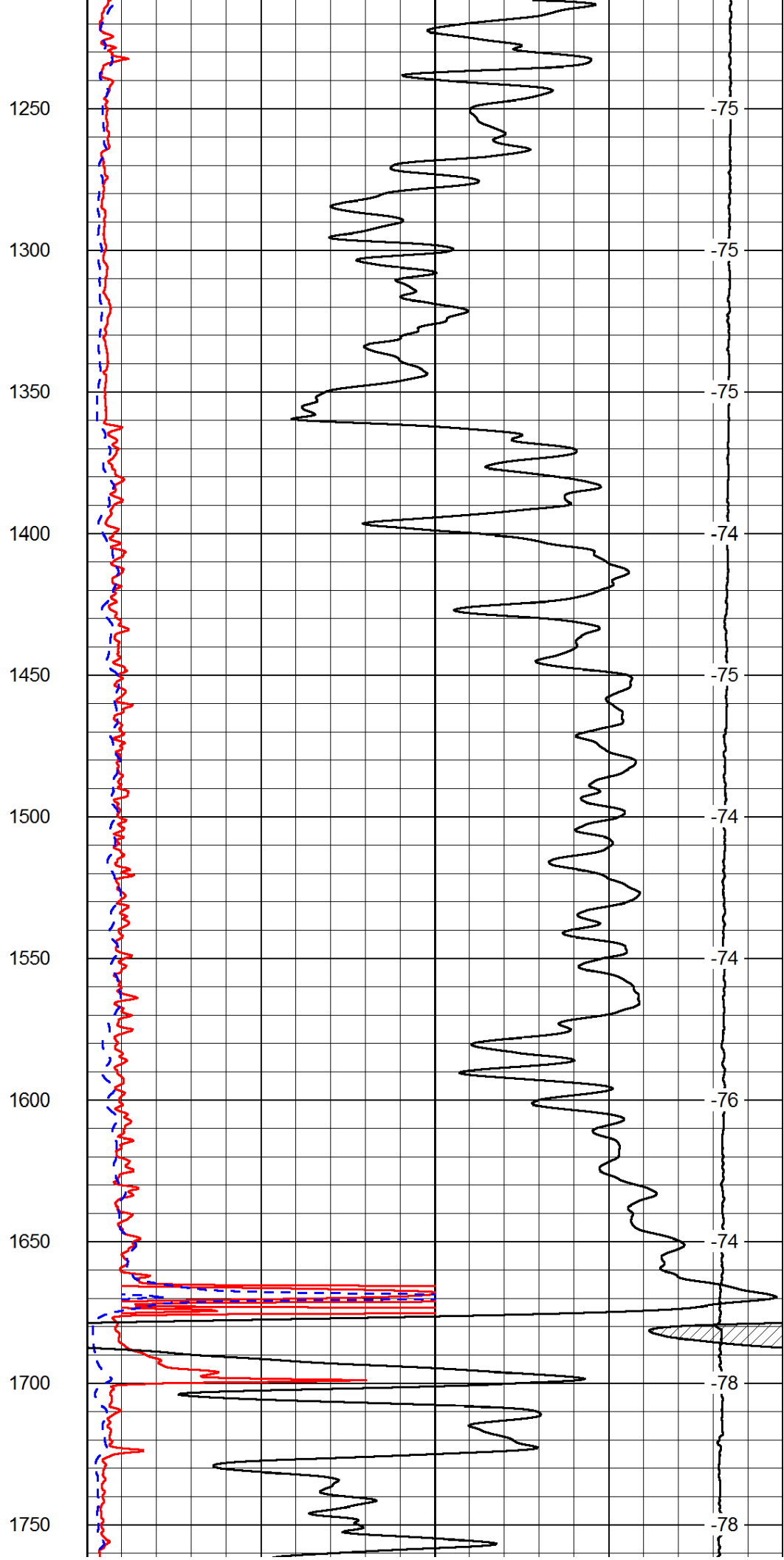
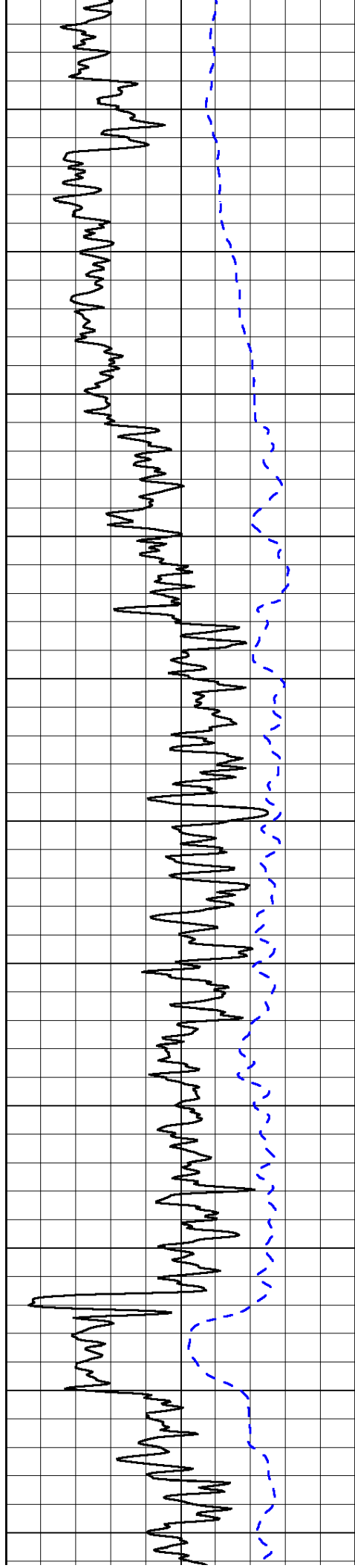
0	Shallow Resistivity	50	LSPD
0	Deep Resistivity	50	
1000	Conductivity		0
15000	Line Tension		0
50	Shallow Resistivity	500	
50	Deep Resistivity	500	

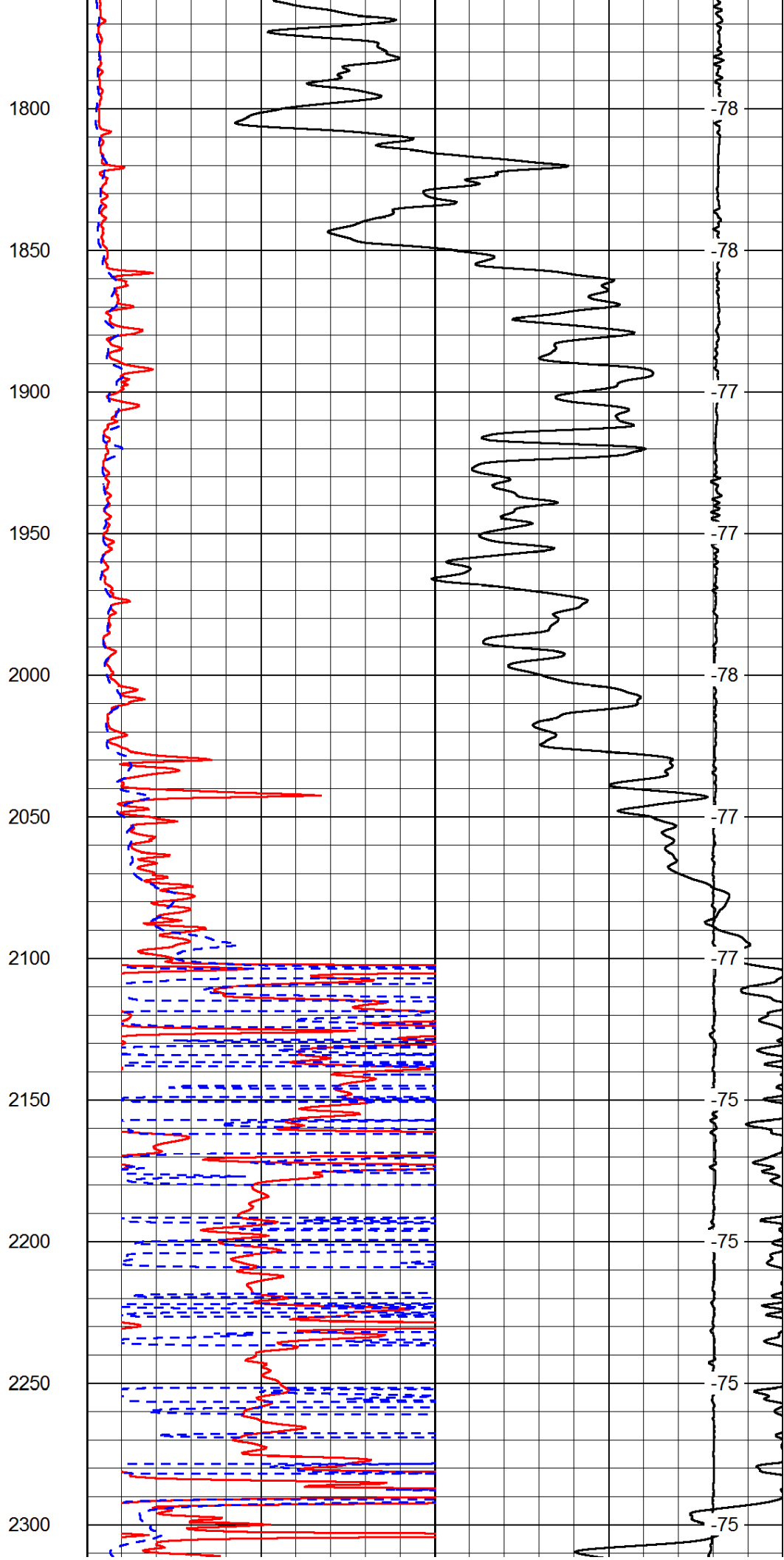
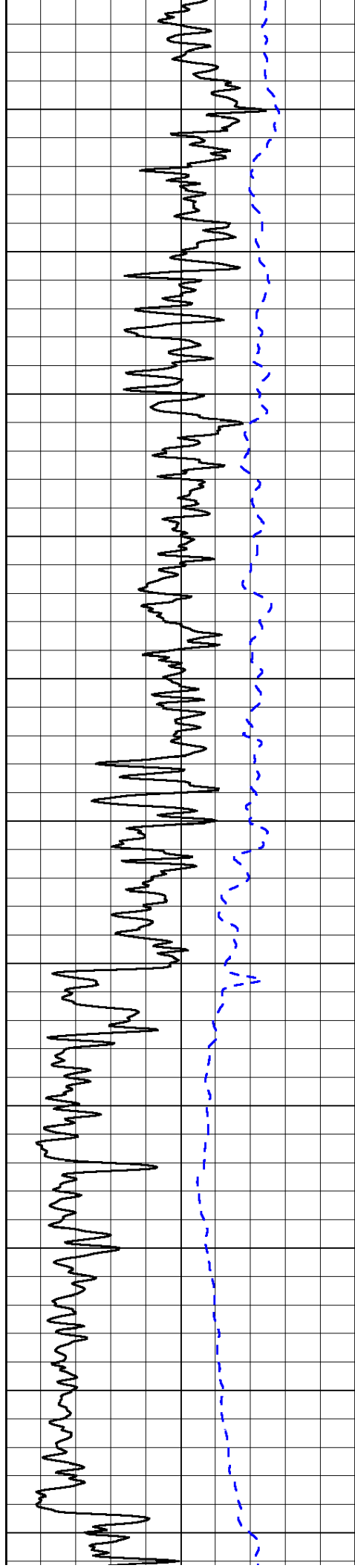


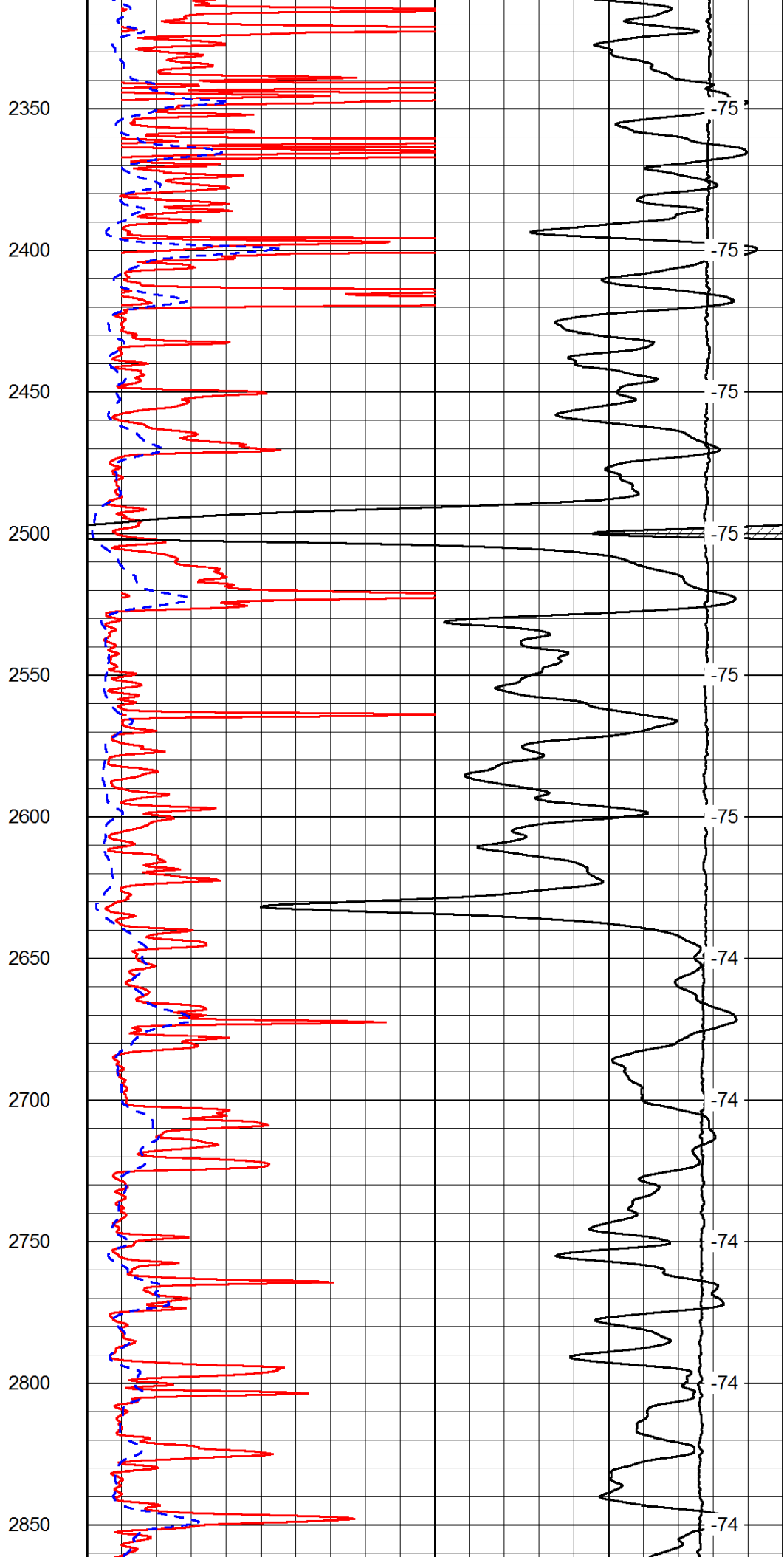
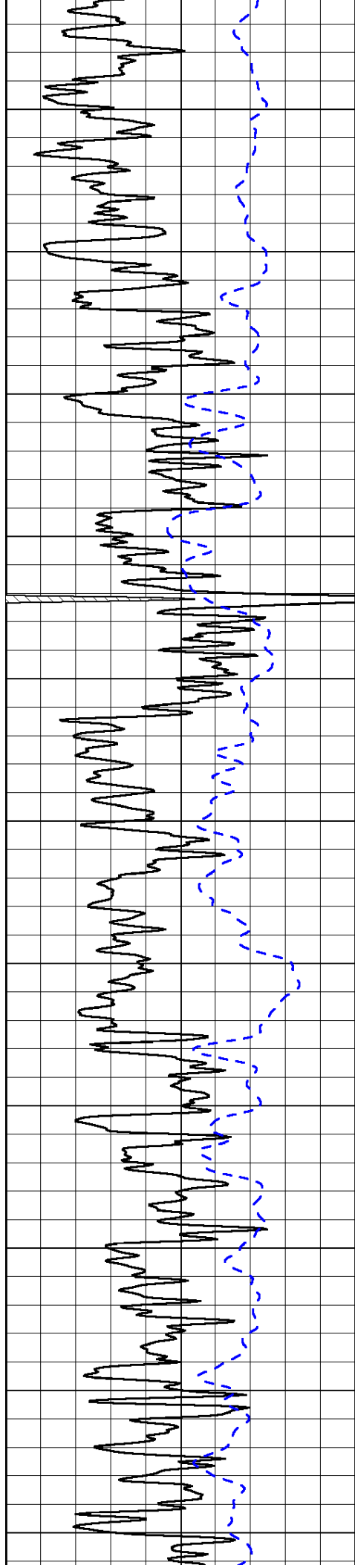


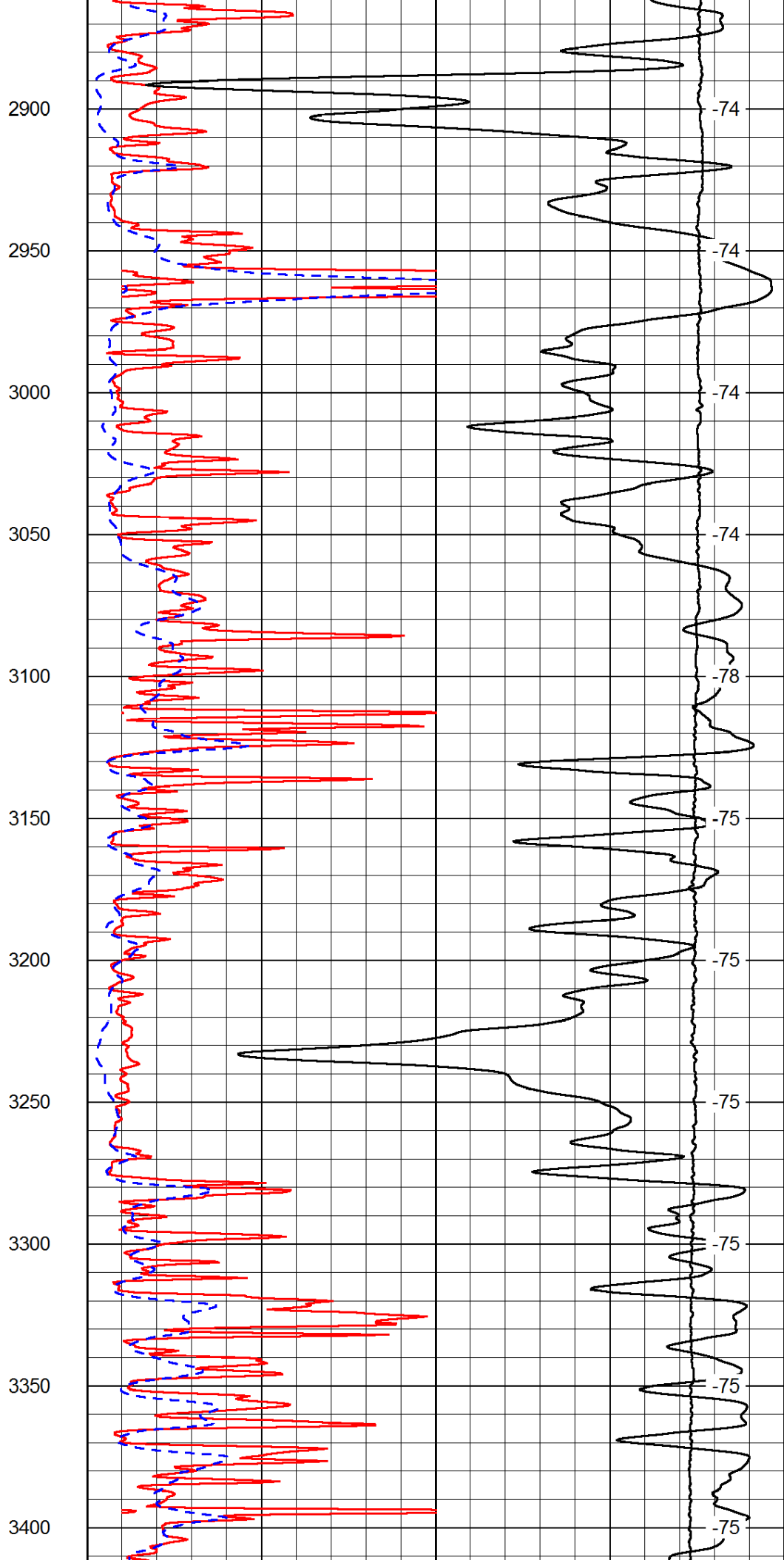
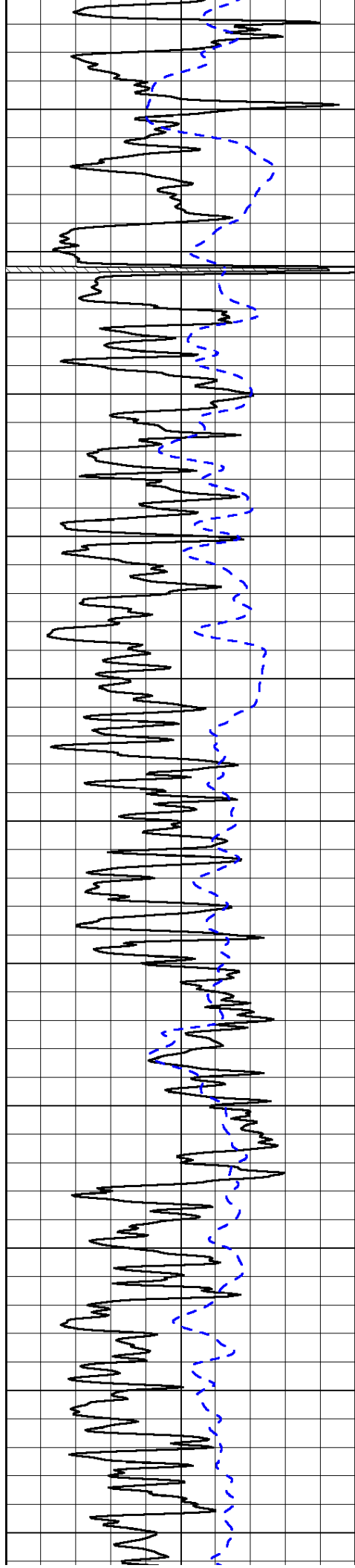
700
750
800
850
900
950
1000
1050
1100
1150
1200

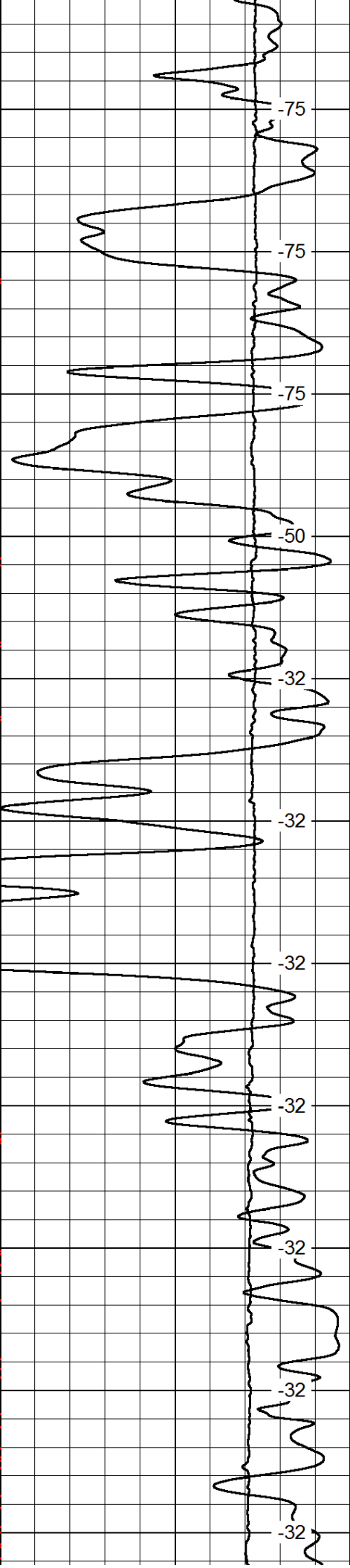
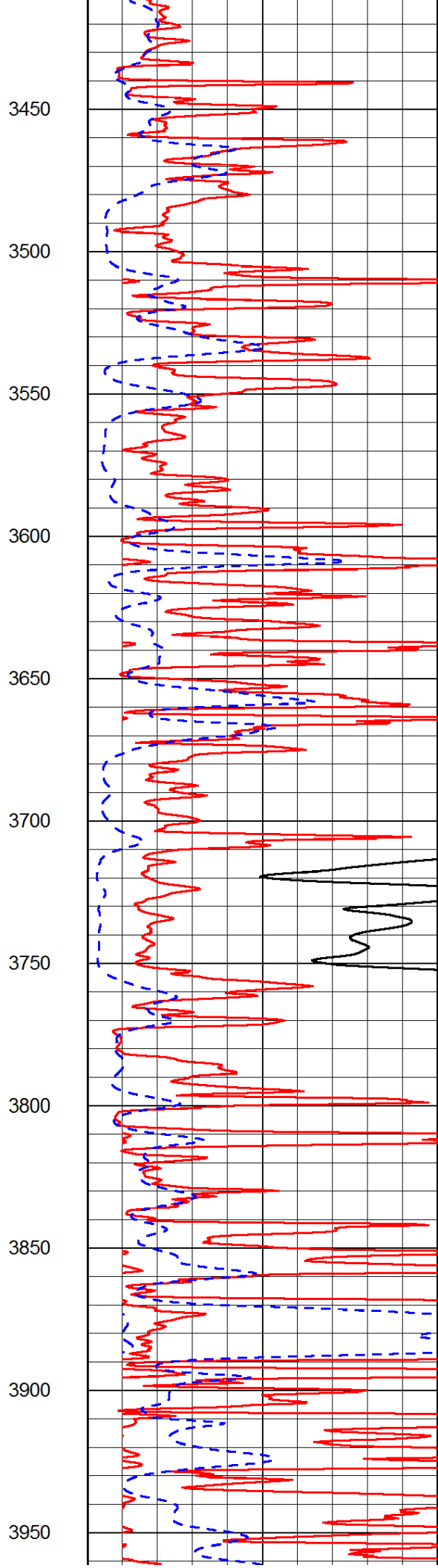
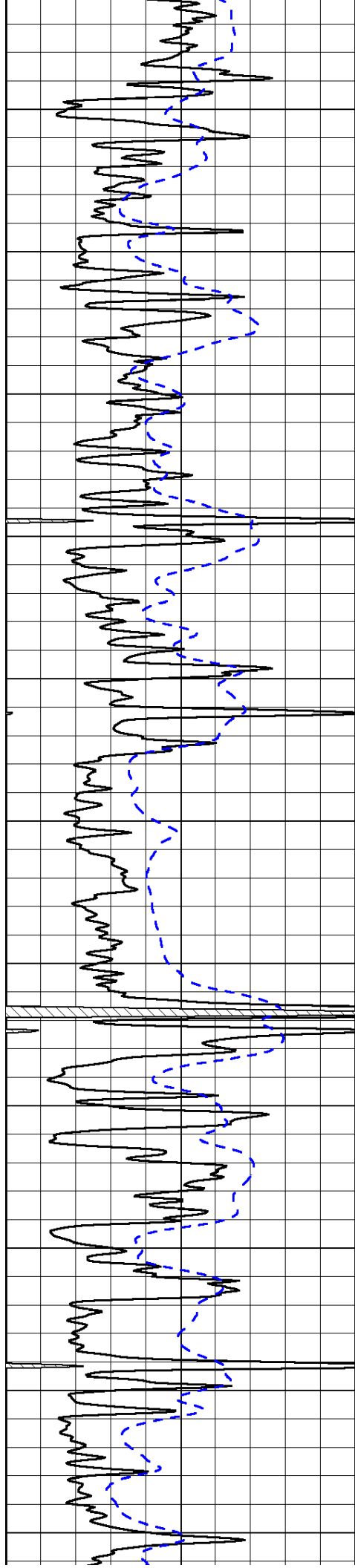


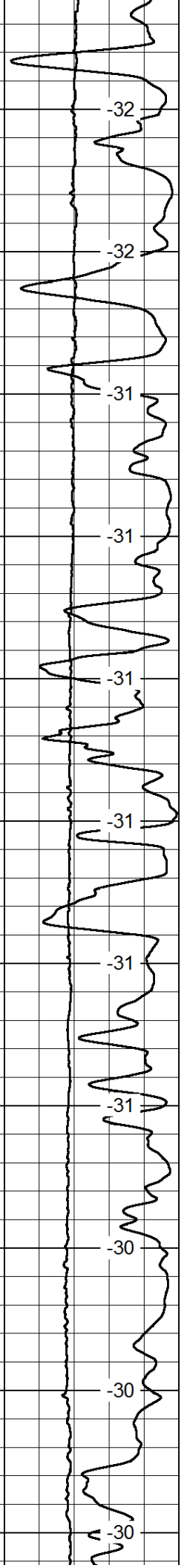
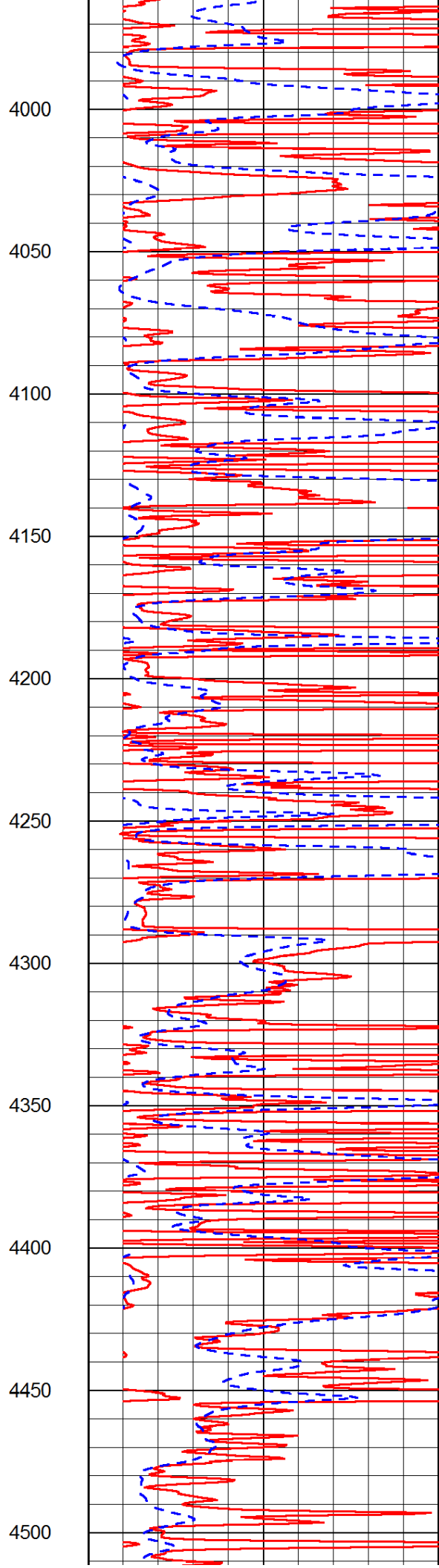
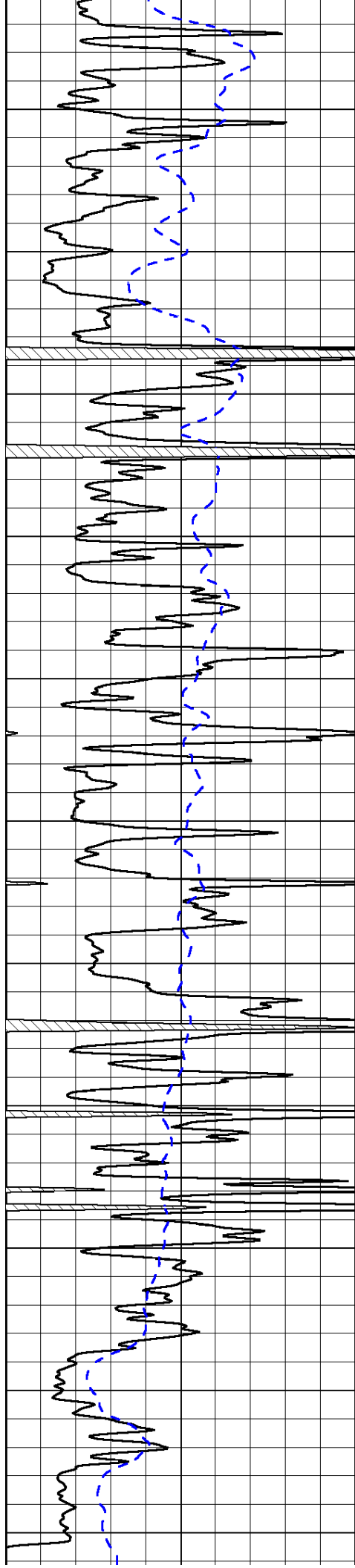


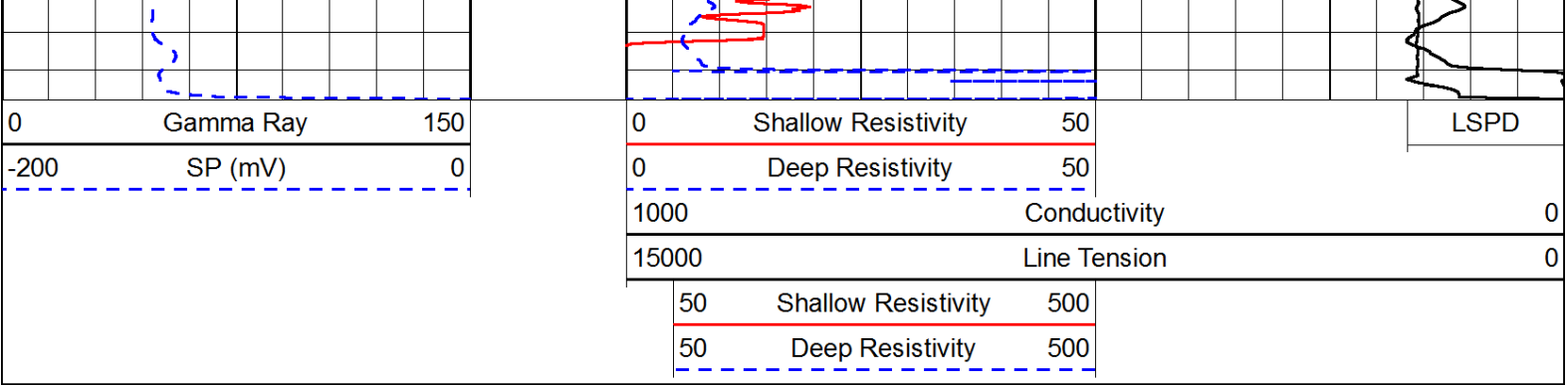




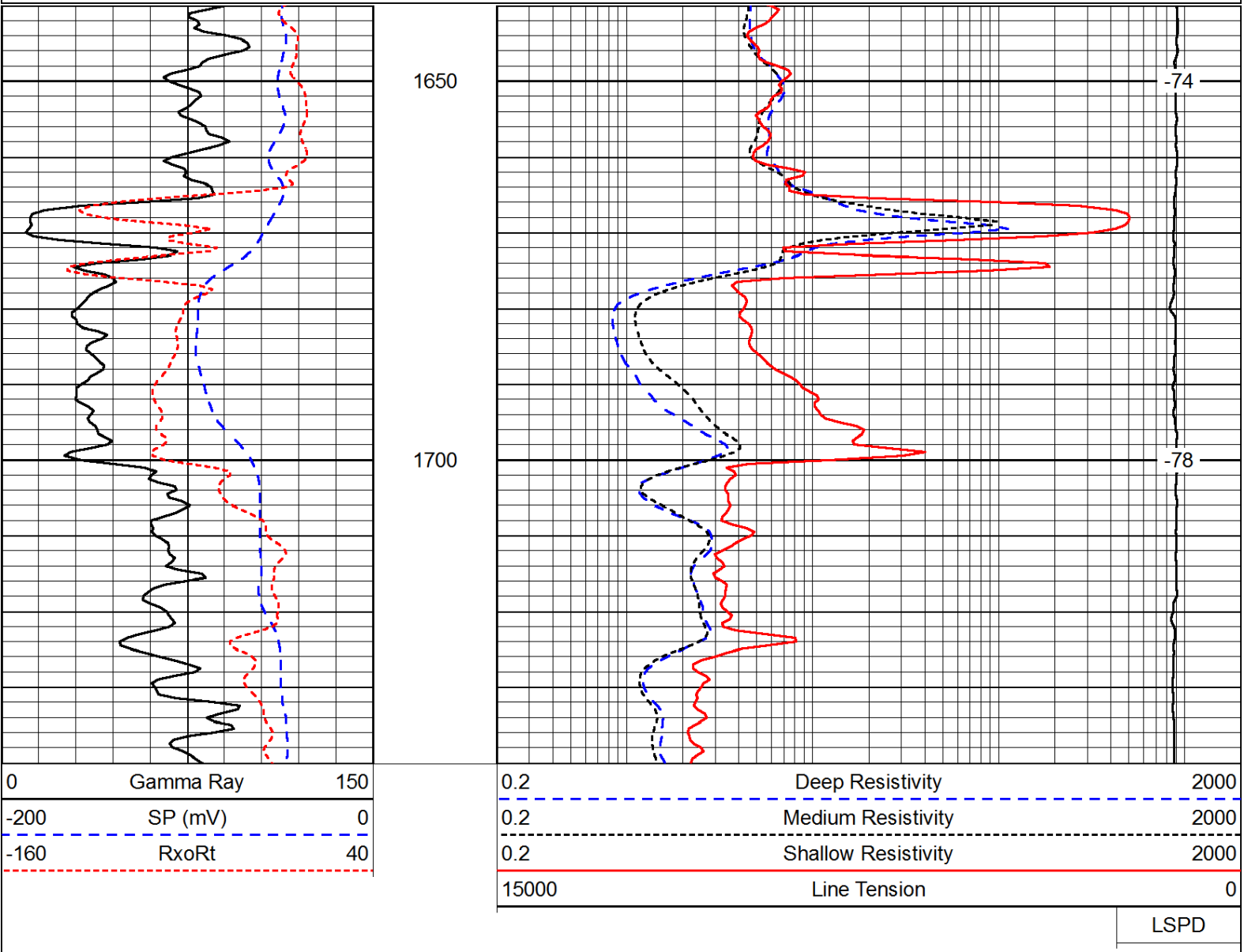
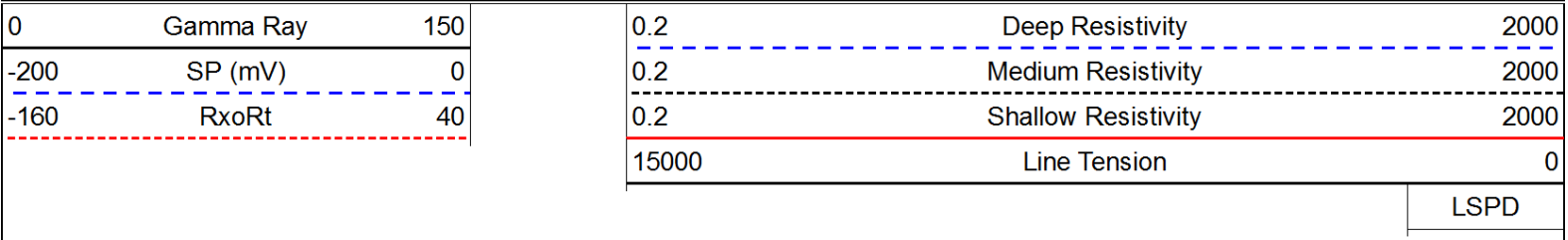








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Dataset Pathname: dil/awstk
Presentation Format: dil
Dataset Creation: Sun Aug 12 05:59:56 2012
Charted by: Depth in Feet scaled 1:240

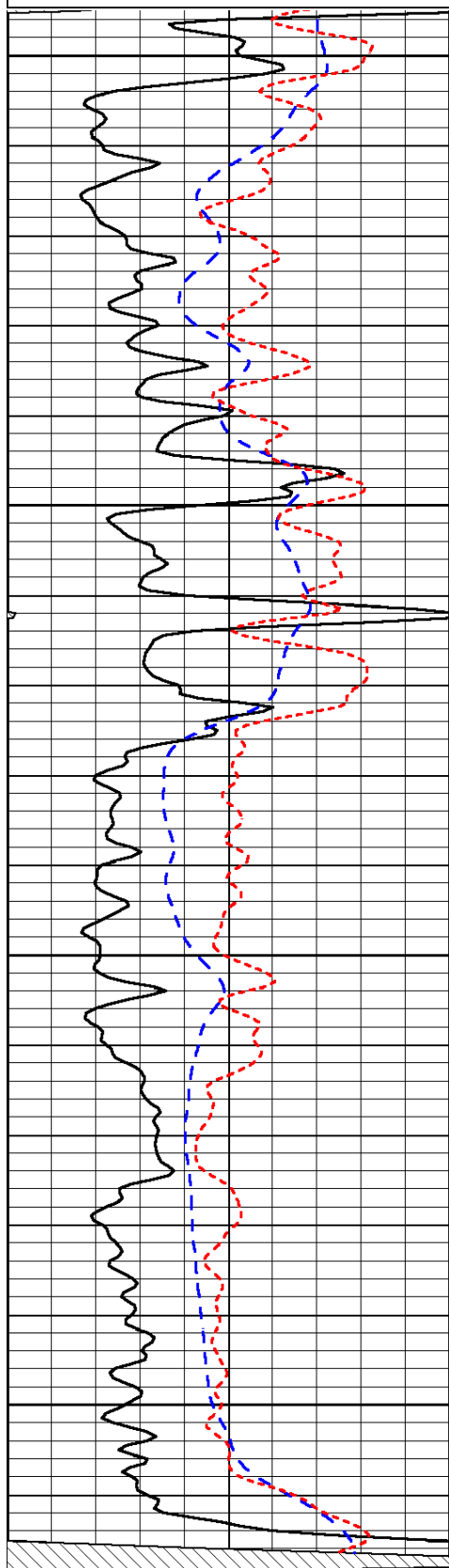


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0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

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

LSPD

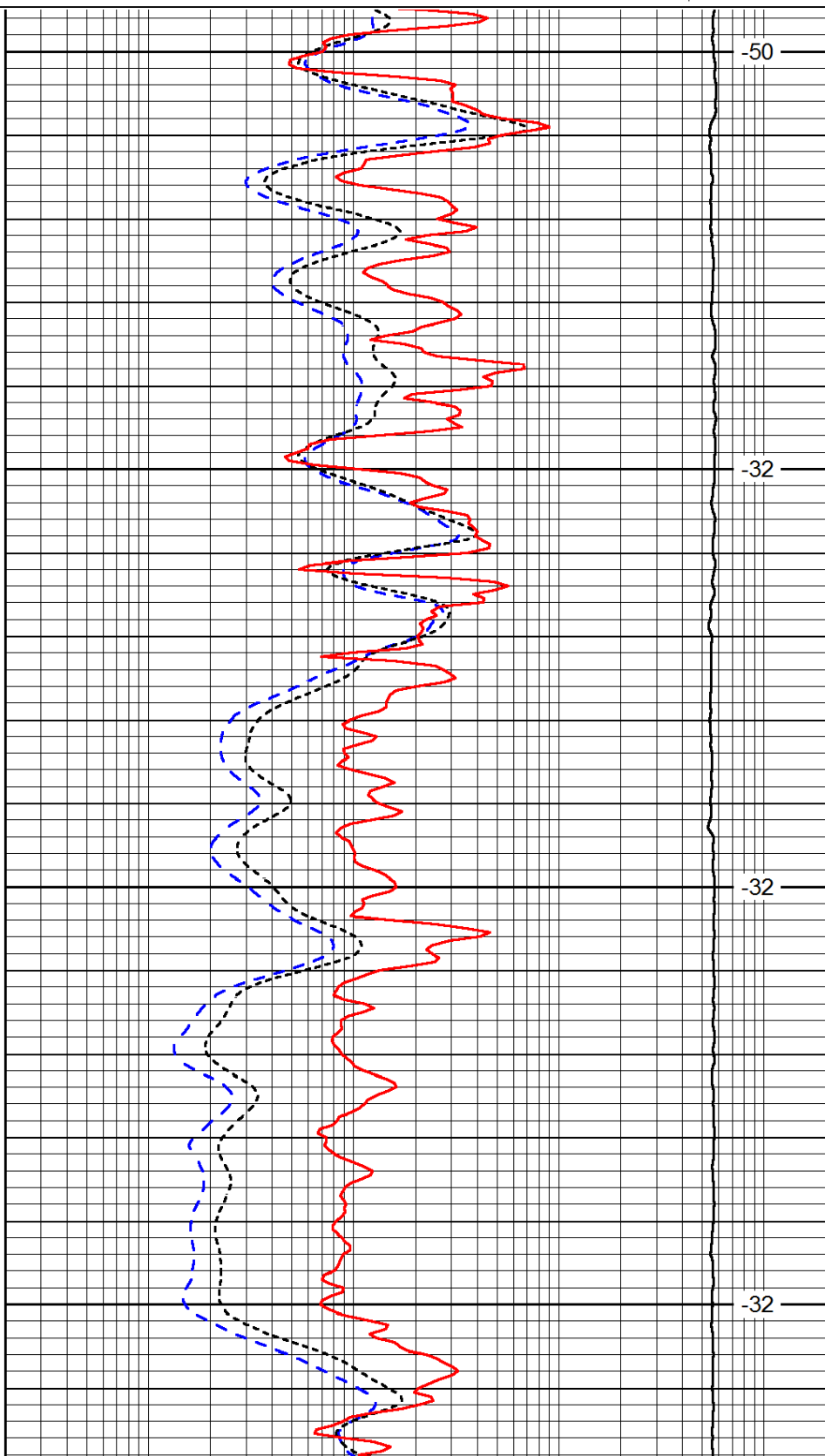


3600

3650

3700

3750

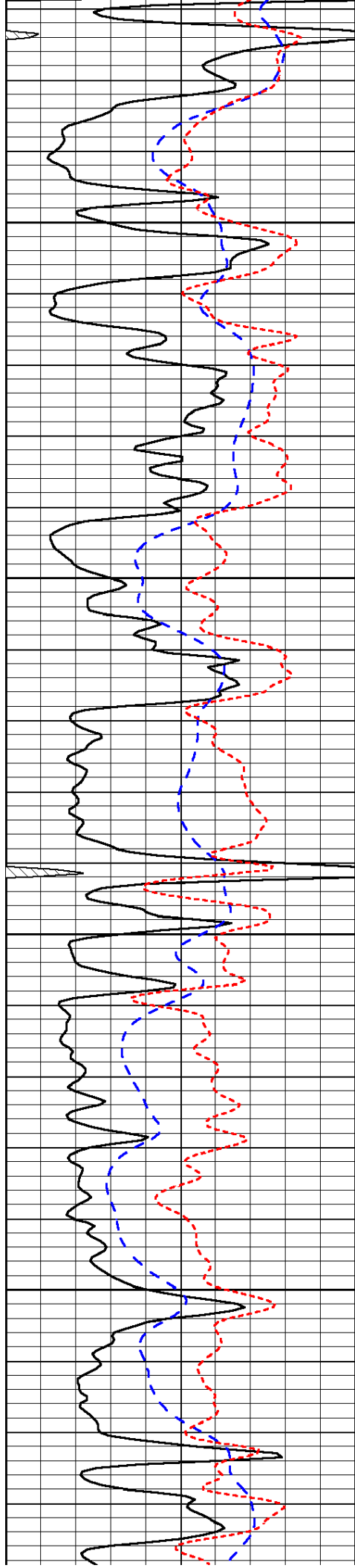


-50

-32

-32

-32

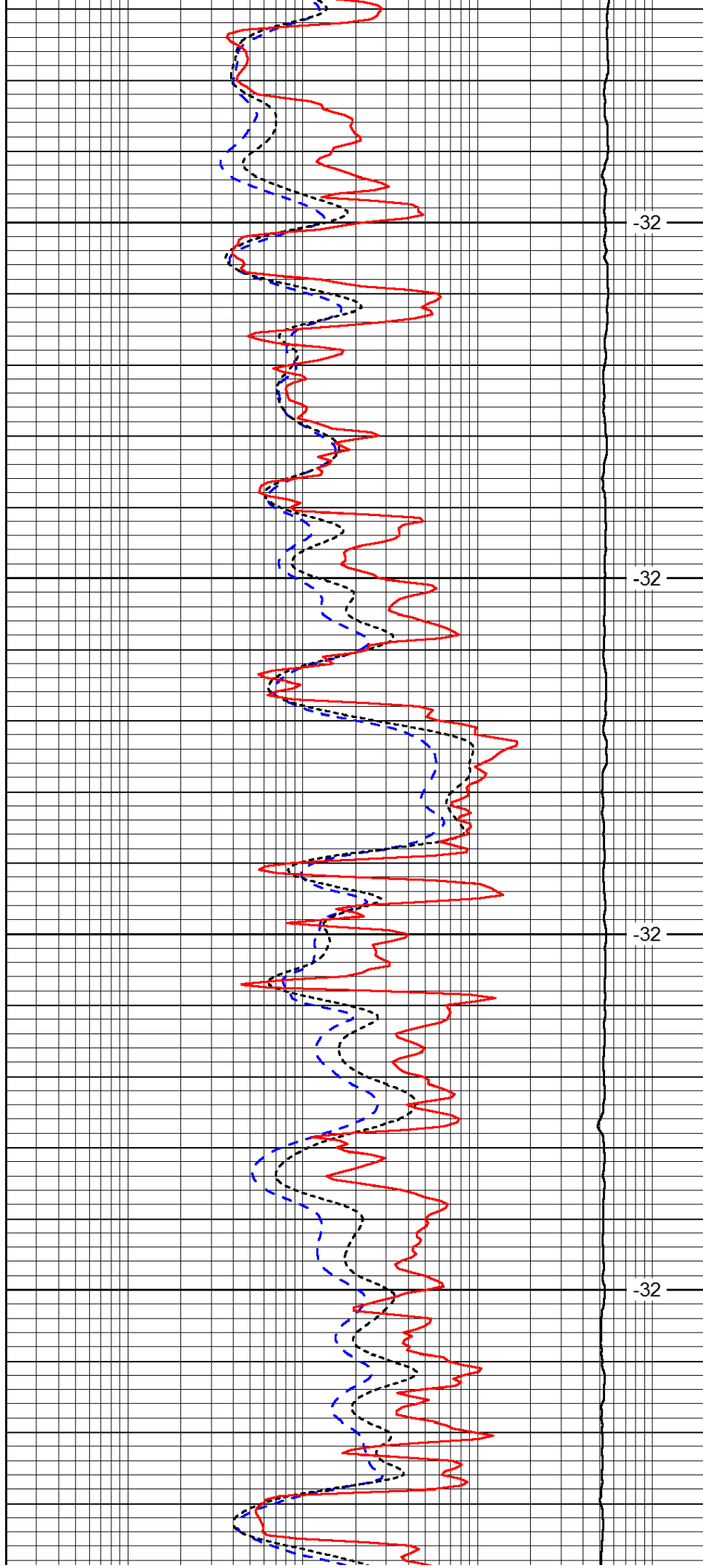


3800

3850

3900

3950

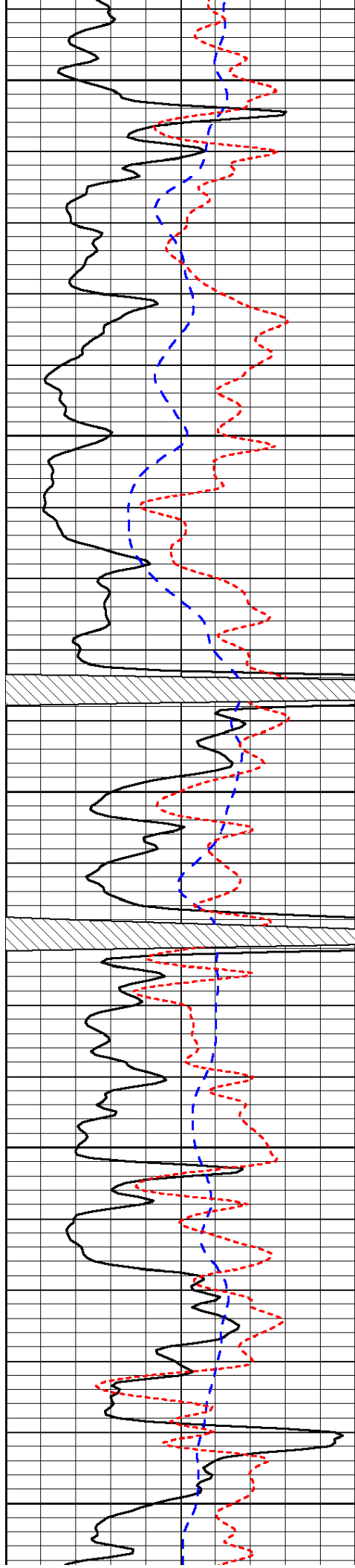


-32

-32

-32

-32



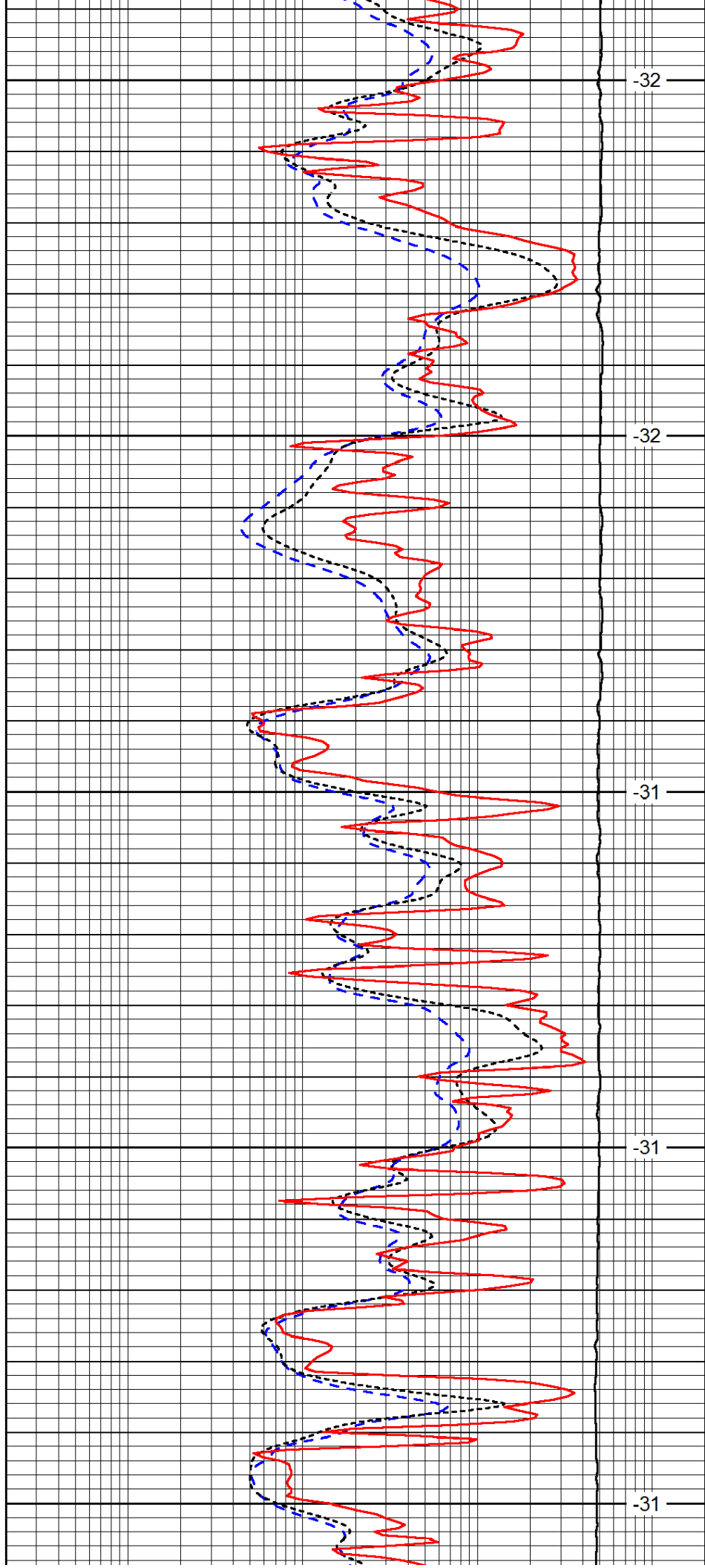
4000

4050

4100

4150

4200



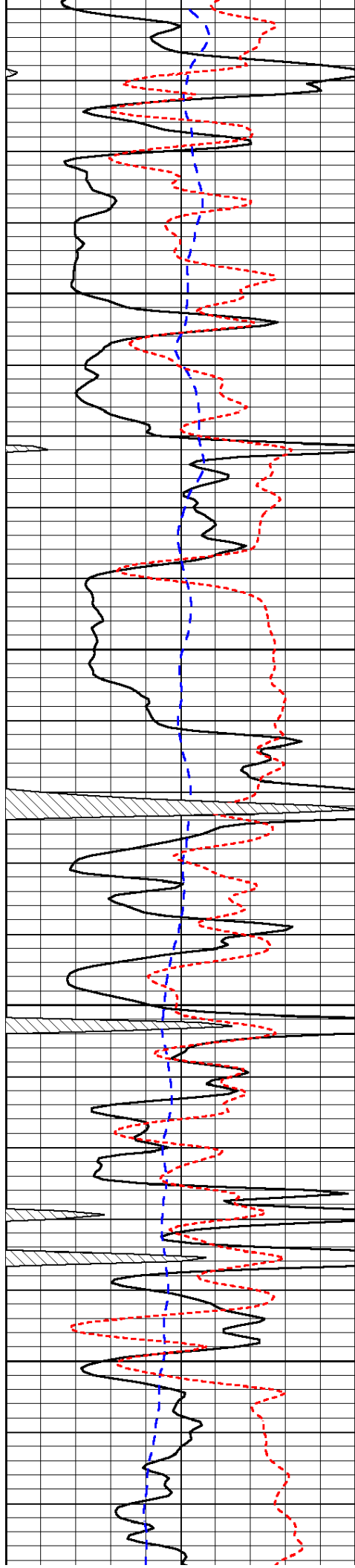
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-32

-31

-31

-31

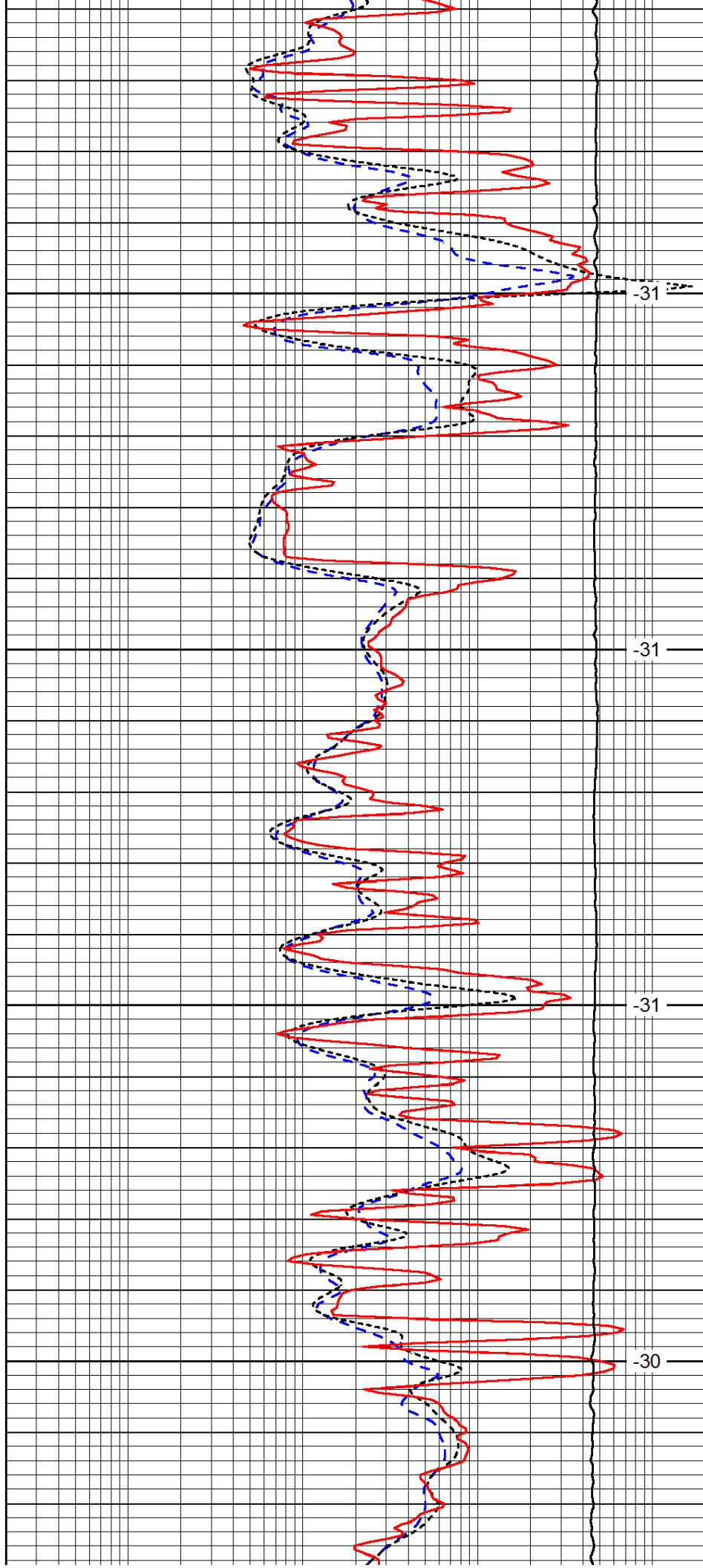


4250

4300

4350

4400

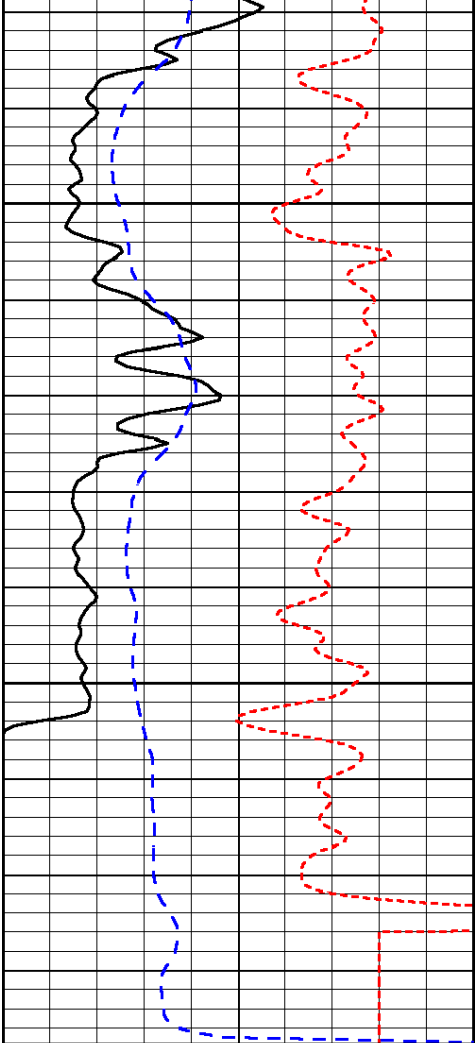


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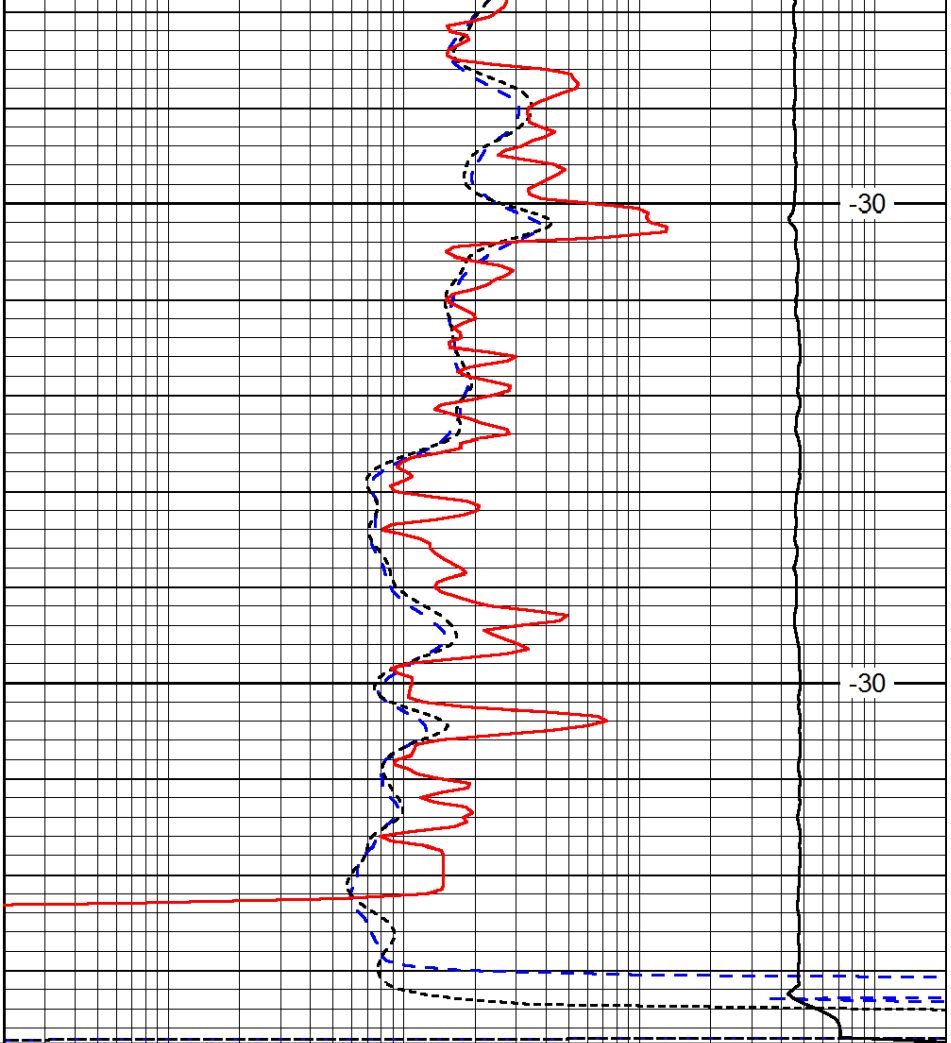
-31

-31

-30



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