



Pioneer Energy Services

Dual Induction Log

API No.

15-193-20,937-00-00

Company Val Energy, Inc.

Well Beachner No. 3-7

Field Schroeder Northwest

County Thomas State Kansas

Location 335' FSL & 335' FWL

Other Services
CNL/CDL
MEL/BHCS

Sec: 7

Twp: 8s

Rge: 35w

Elevation

Permanent Datum Ground Level Elevation 3283

Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

K.B. 3293
D.F.
G.L. 3283

Date

11/19/2014

Run Number

One

Depth Driller

4825

Depth Logger

4834

Bottom Logged Interval

4833

Top Log Interval

200

Casing Driller

8.625 @ 233

Casing Logger

227

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

6200

Density / Viscosity

9.4 62

pH / Fluid Loss

9.0 10.4

Source of Sample

Flowline

Rm @ Meas. Temp

.45 @ 56

Rmf @ Meas. Temp

.34 @ 56

Rmc @ Meas. Temp

.61 @ 56

Source of Rmf / Rmc

Charts

Rm @ BHT

.20 @ 124

Operating Rig Time

5 Hours

Max Rec. Temp. F

124

Equipment Number

108

Location

Hays

Recorded By

D. Fischer

Witnessed By

John Goldsmith

<<< 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 Log-Tech, Inc.
(785) 625-3858

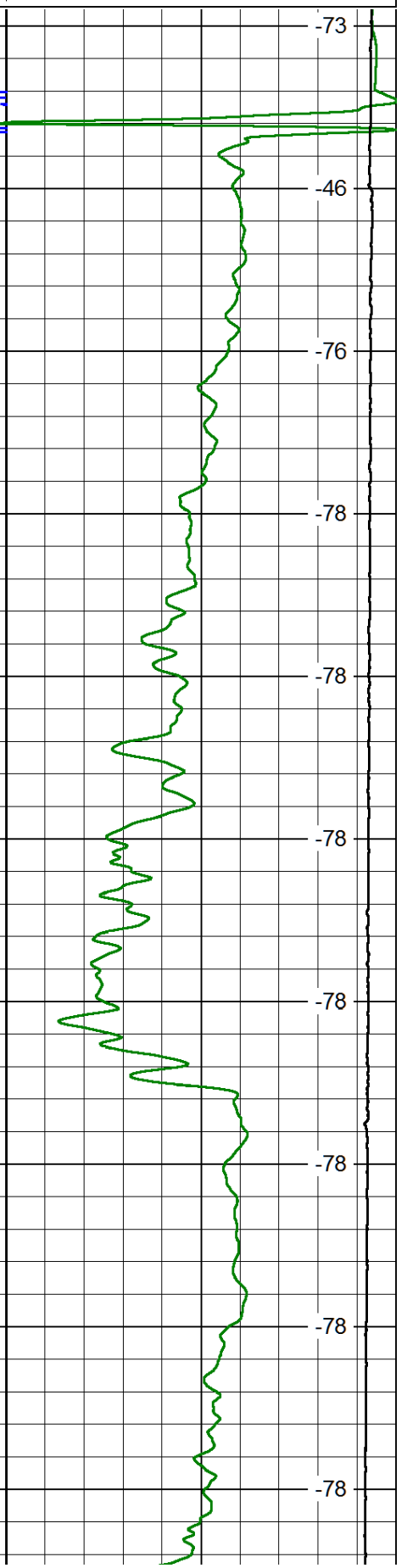
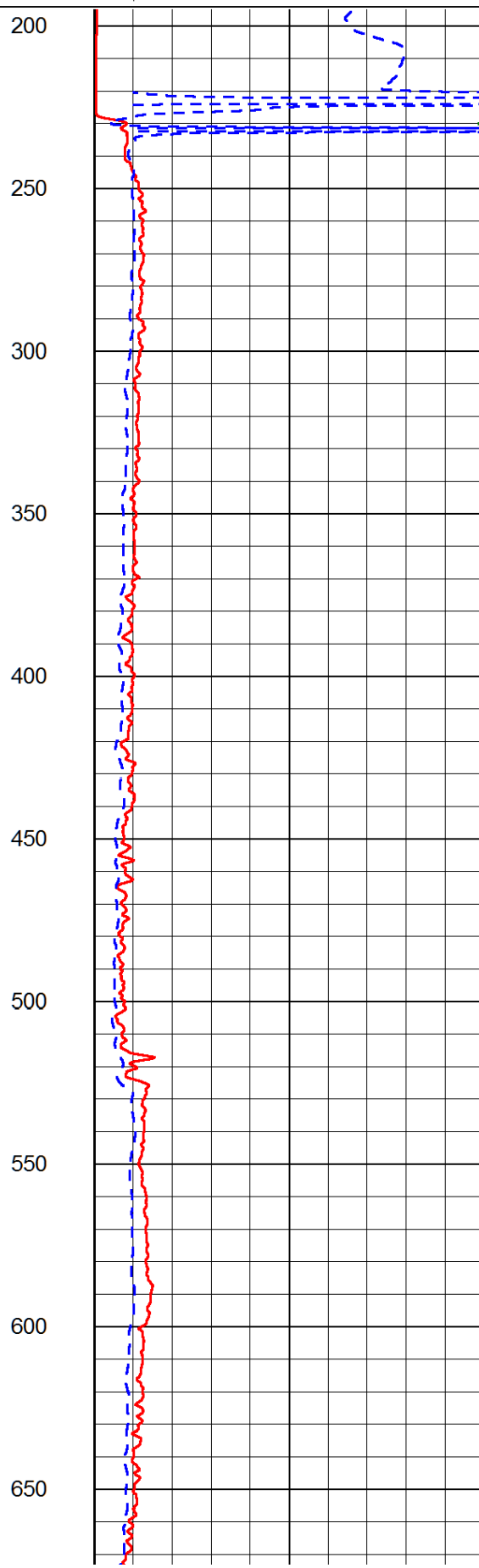
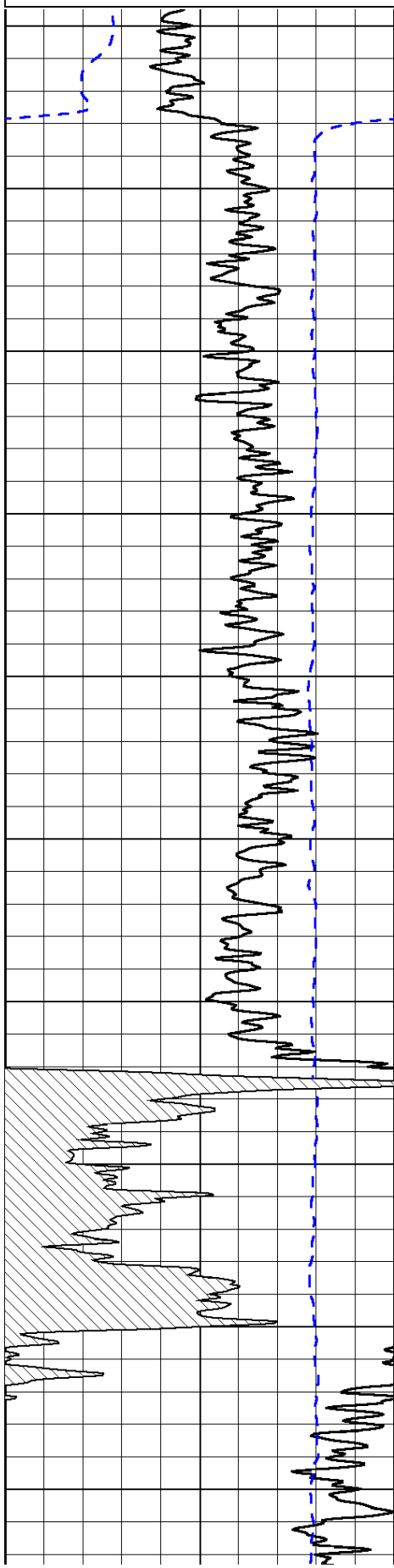
Levant I-70 Exit, 1/2 North, 4 West, North Into.

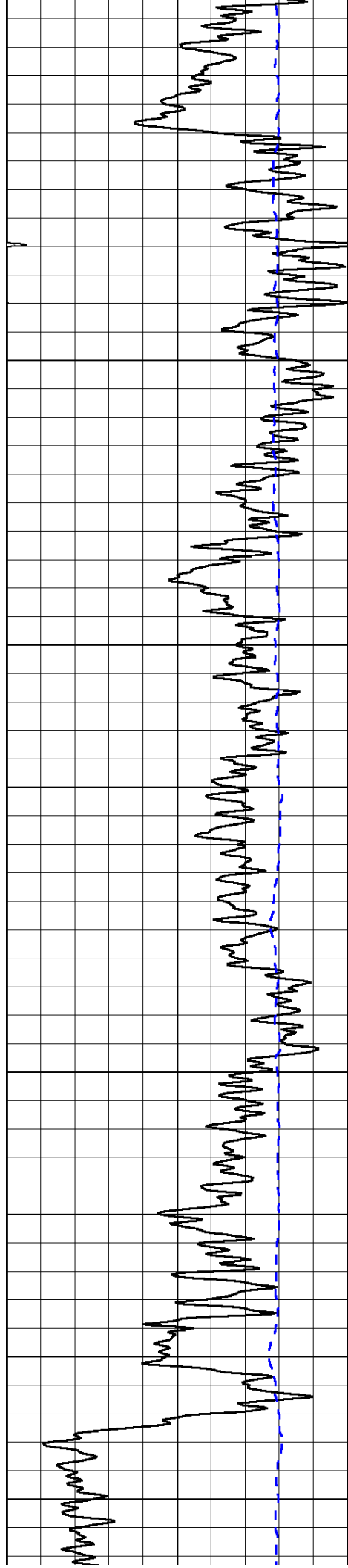
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Dataset Pathname: DIL/valstck
Presentation Format: dil2in
Dataset Creation: Wed Nov 19 09:28:31 2014
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
-200	SP (mV)	0

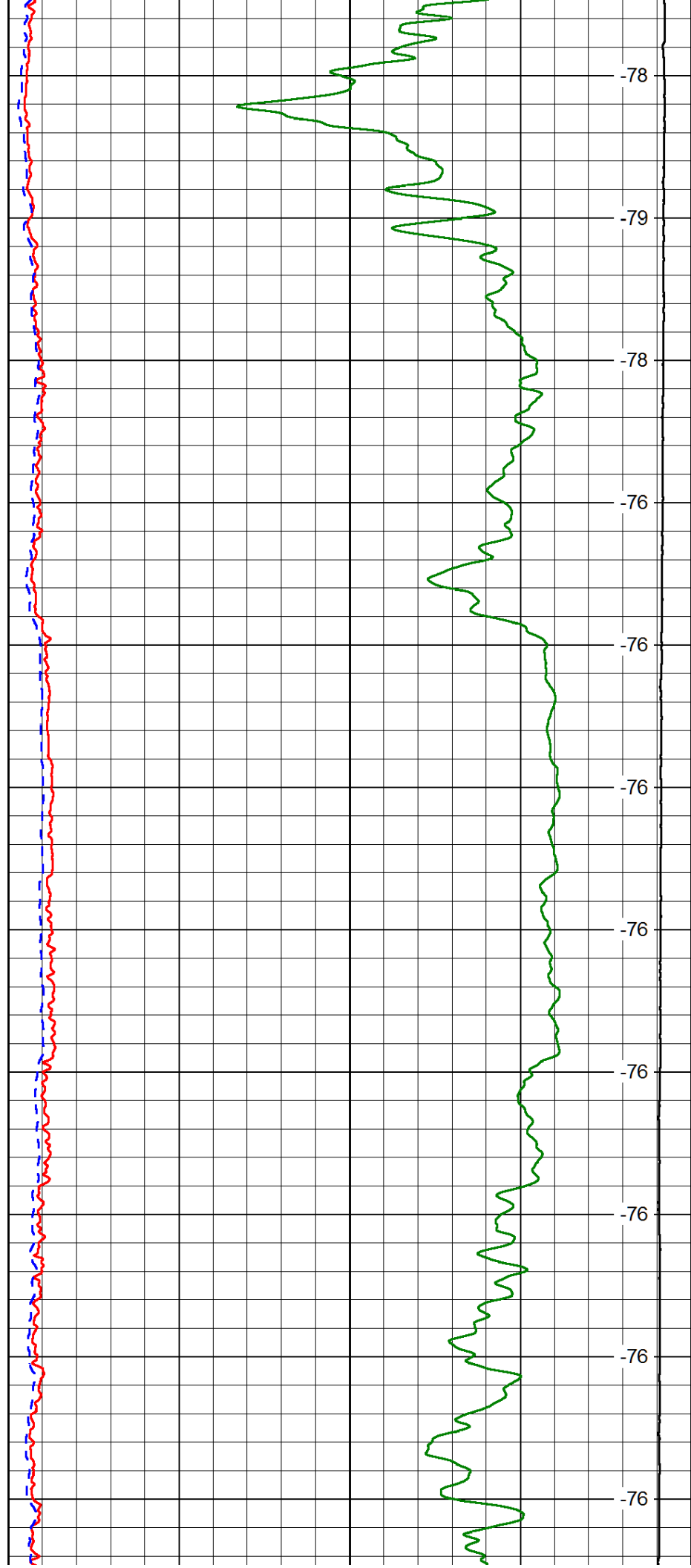
0	Shallow Resistivity	50
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1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

LSPD

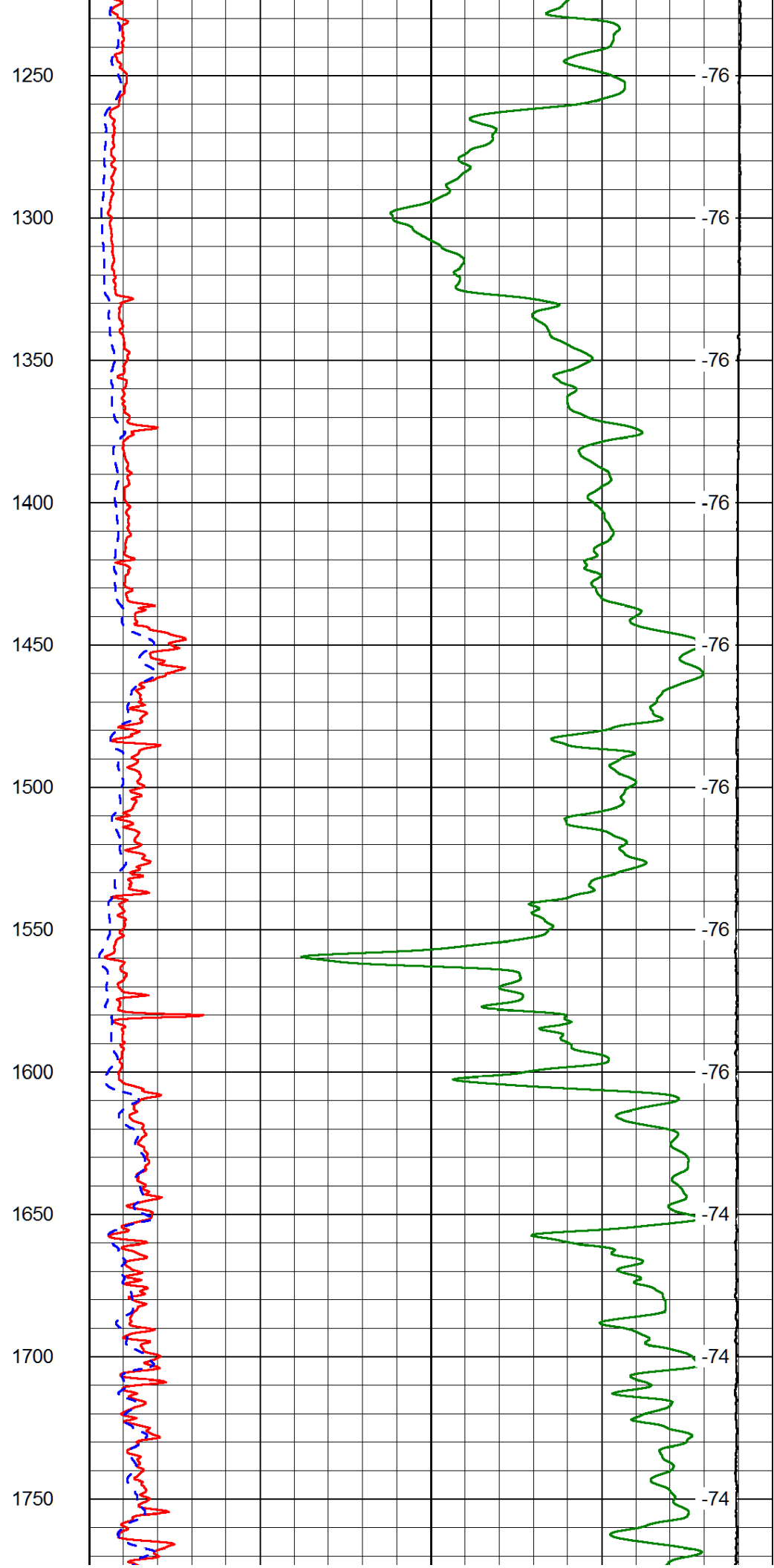
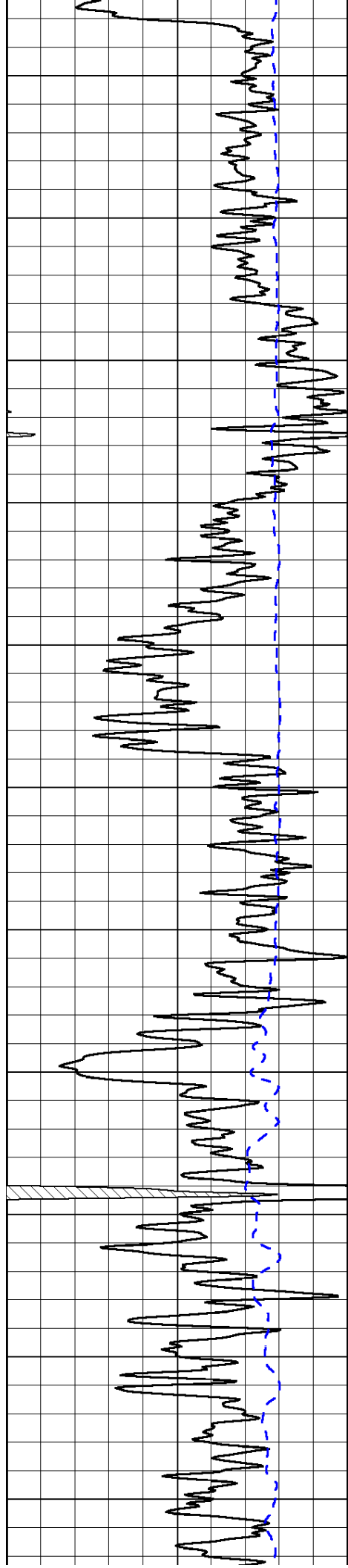


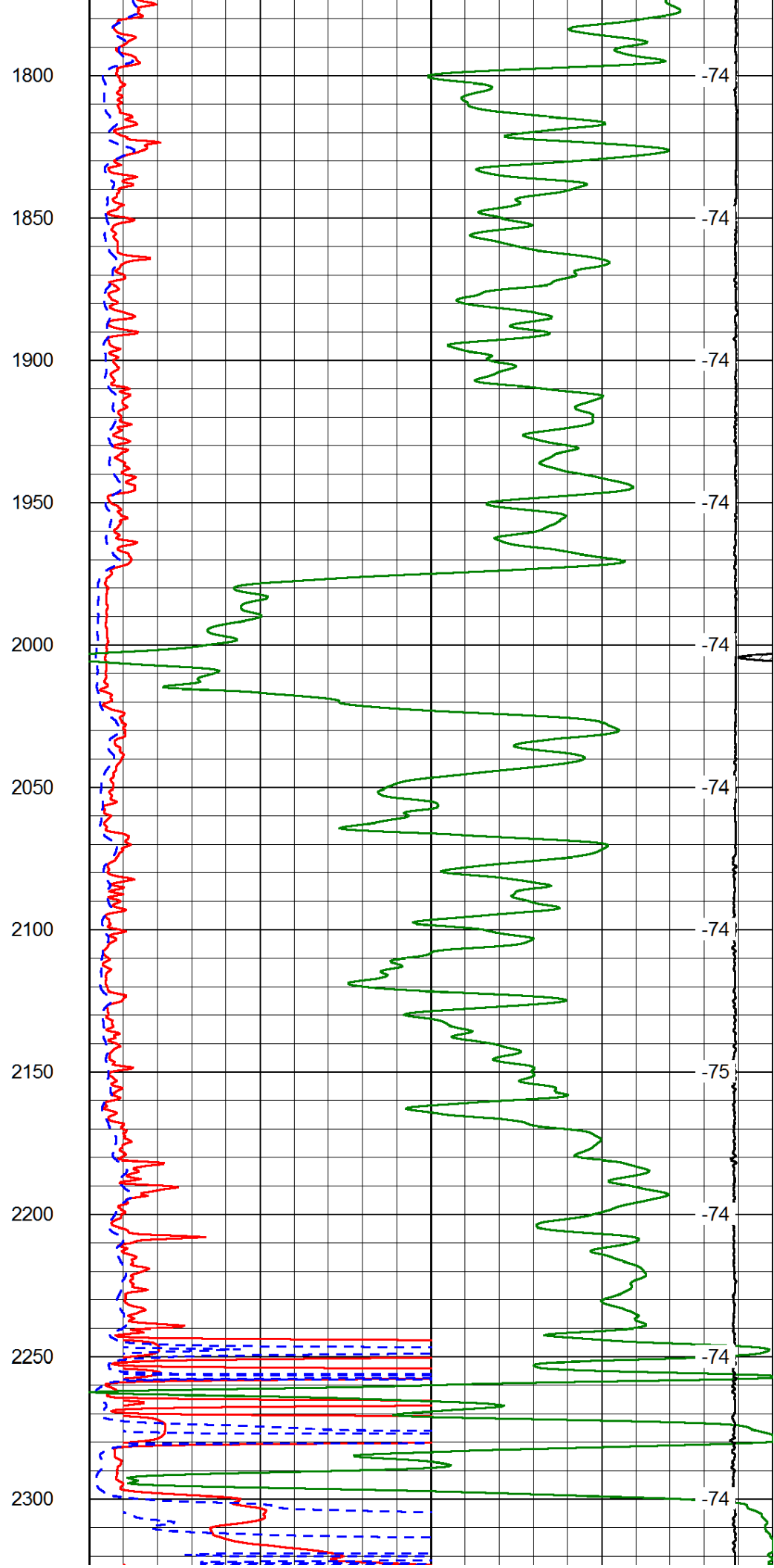
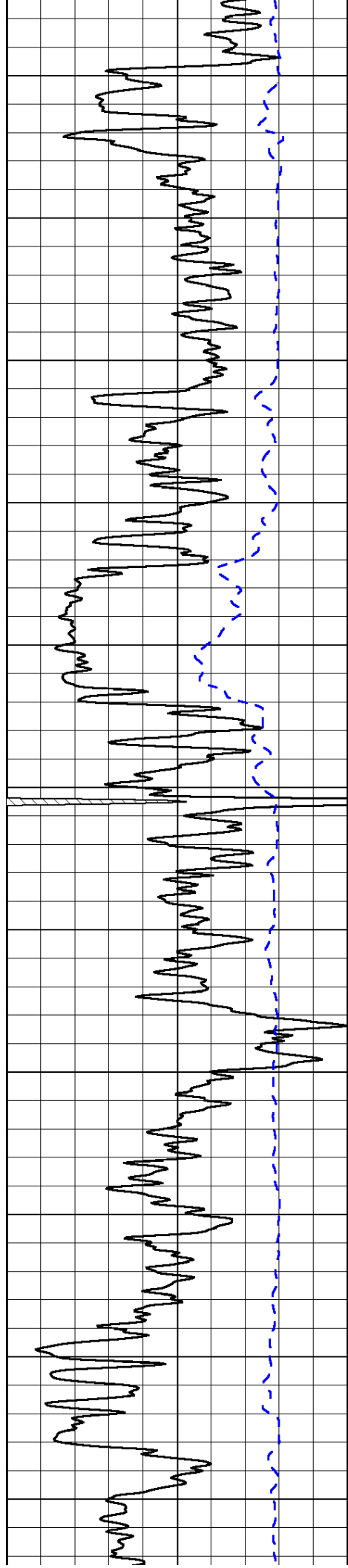


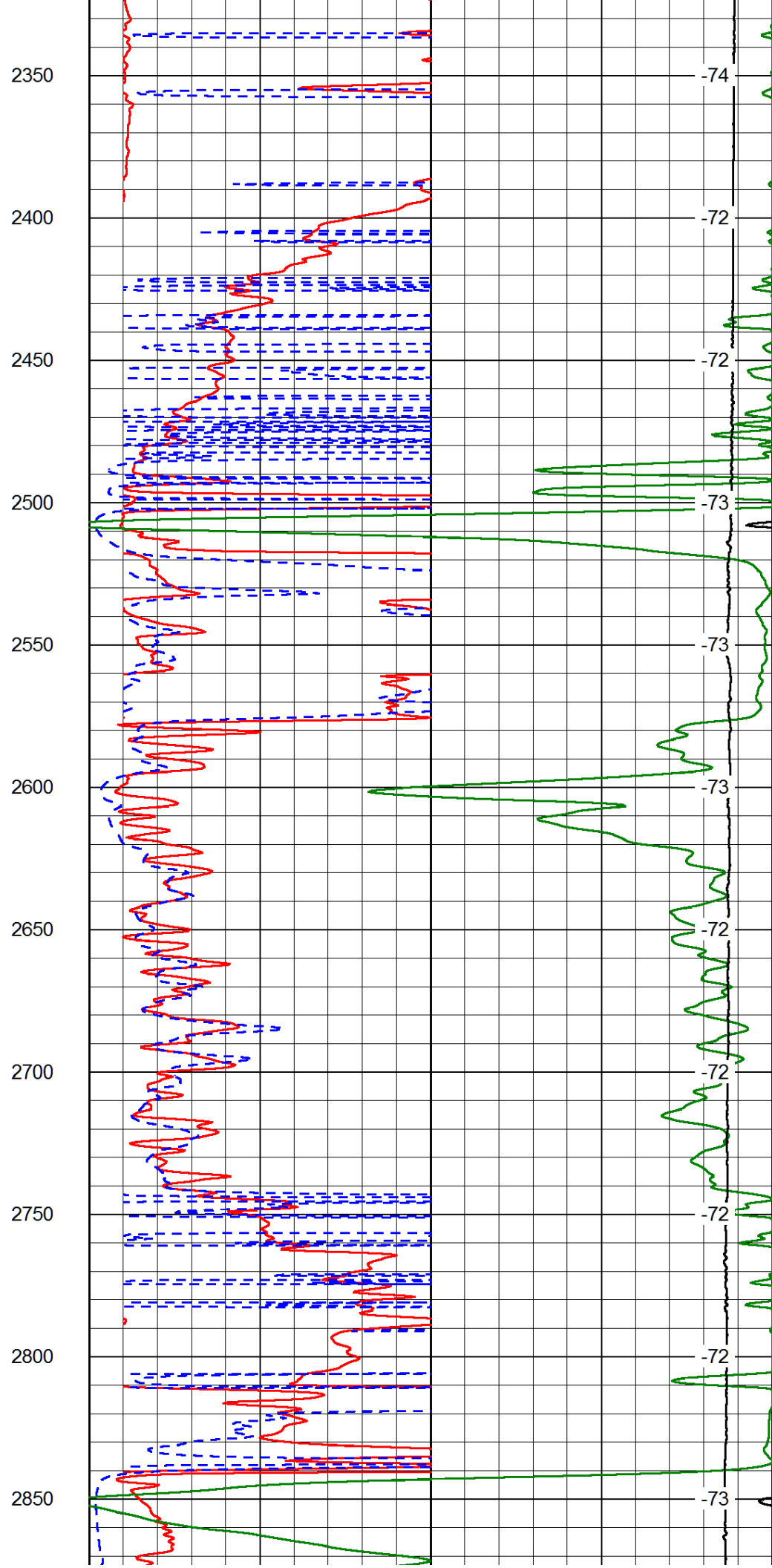
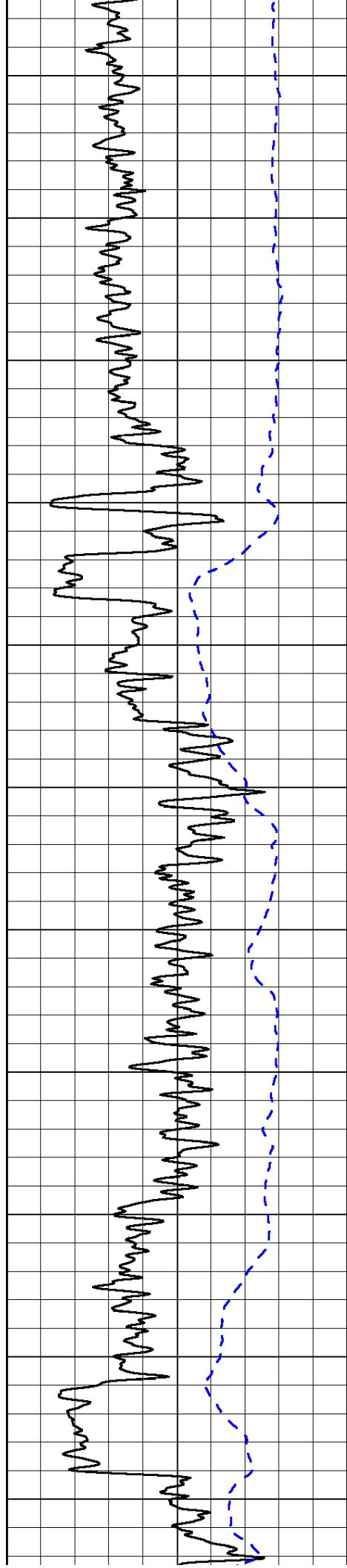
700
750
800
850
900
950
1000
1050
1100
1150
1200

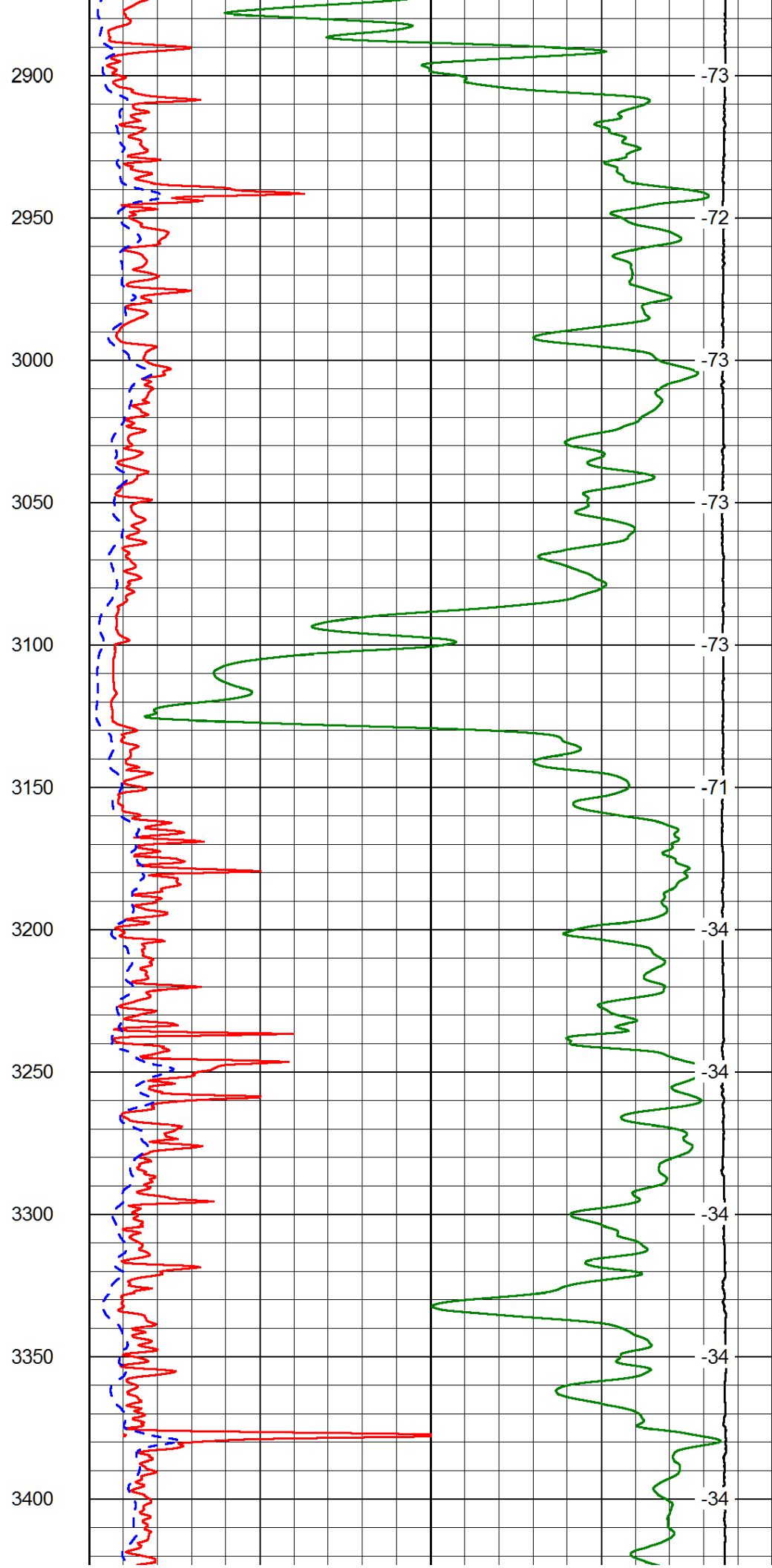
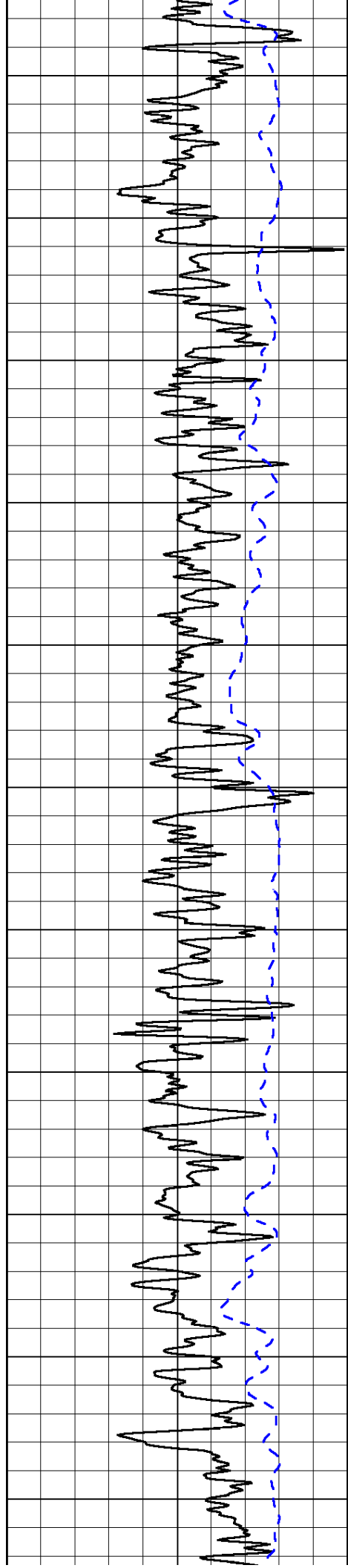


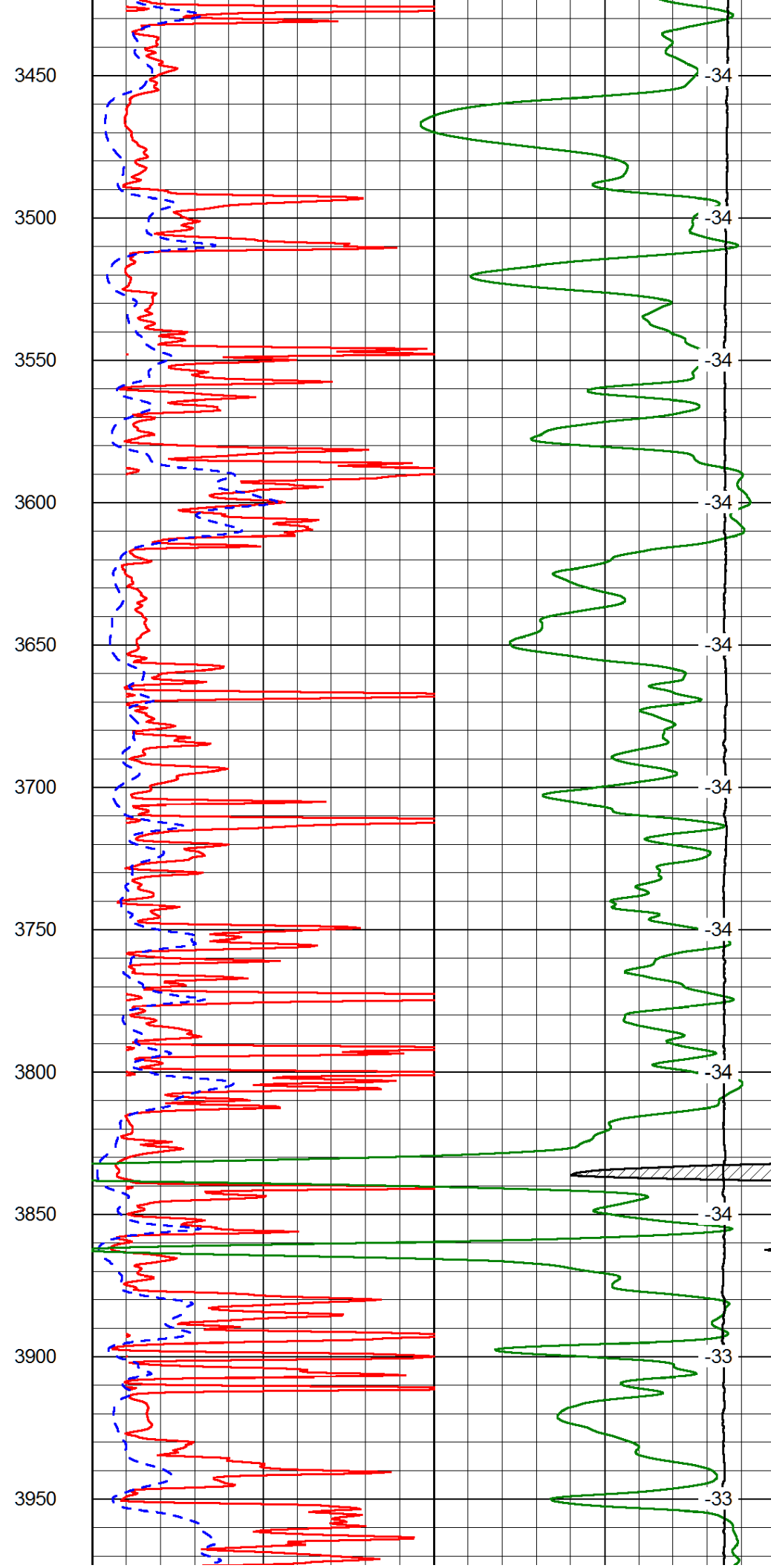
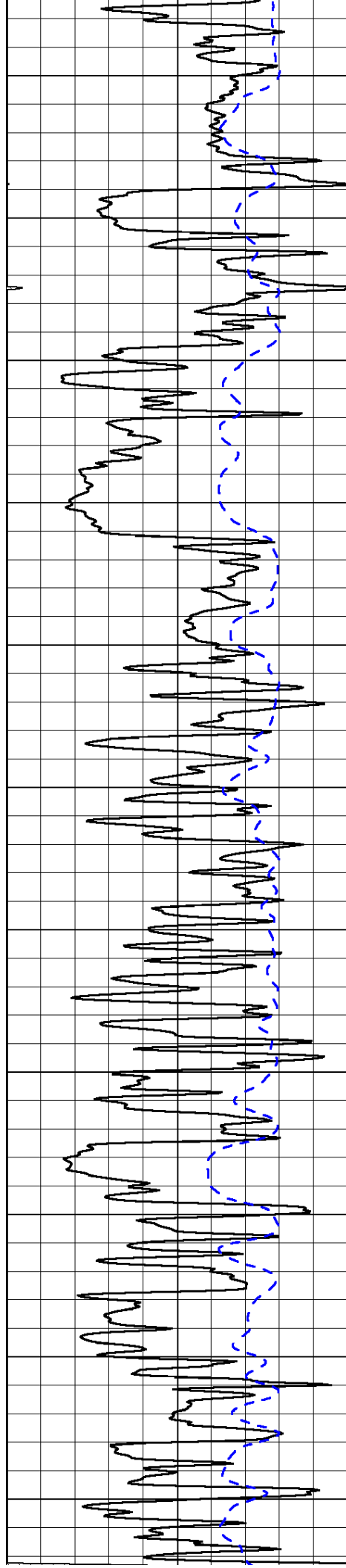
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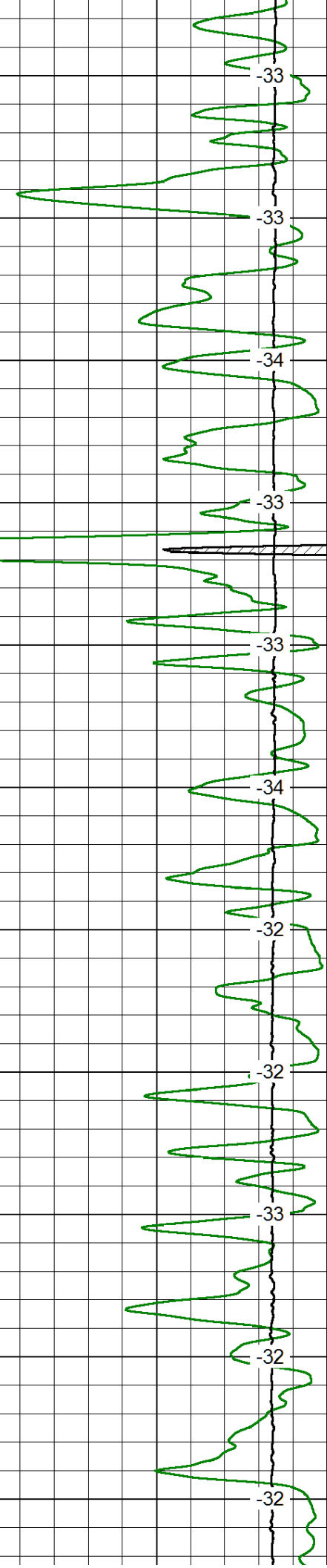
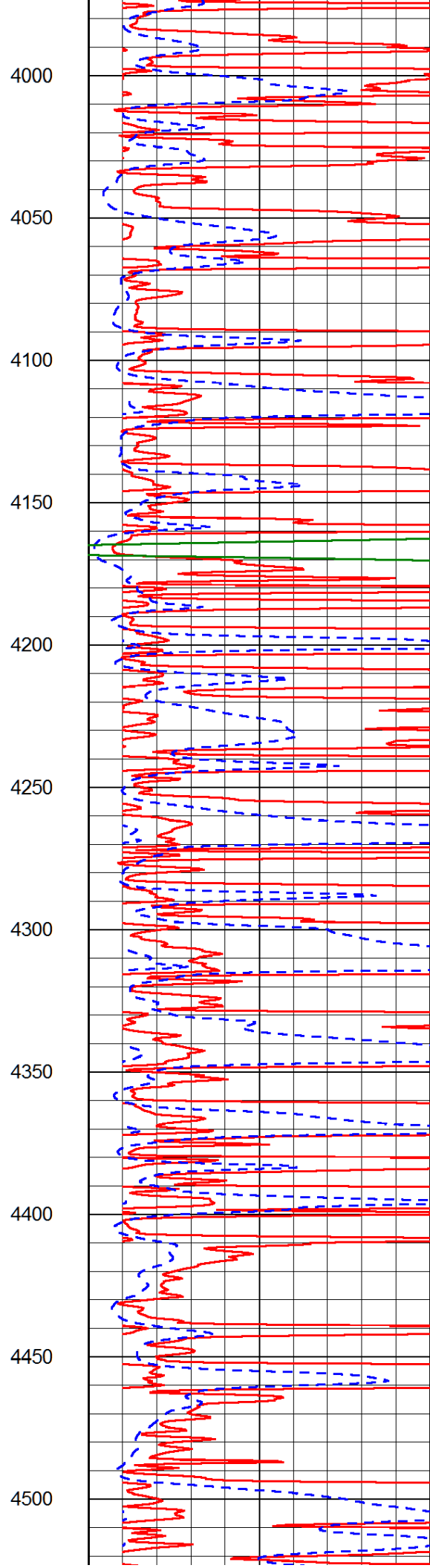
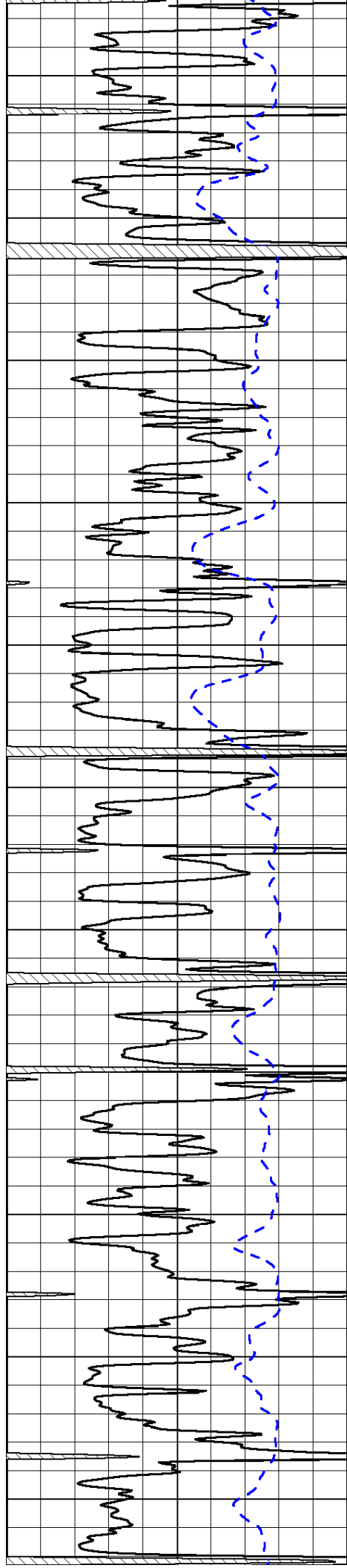


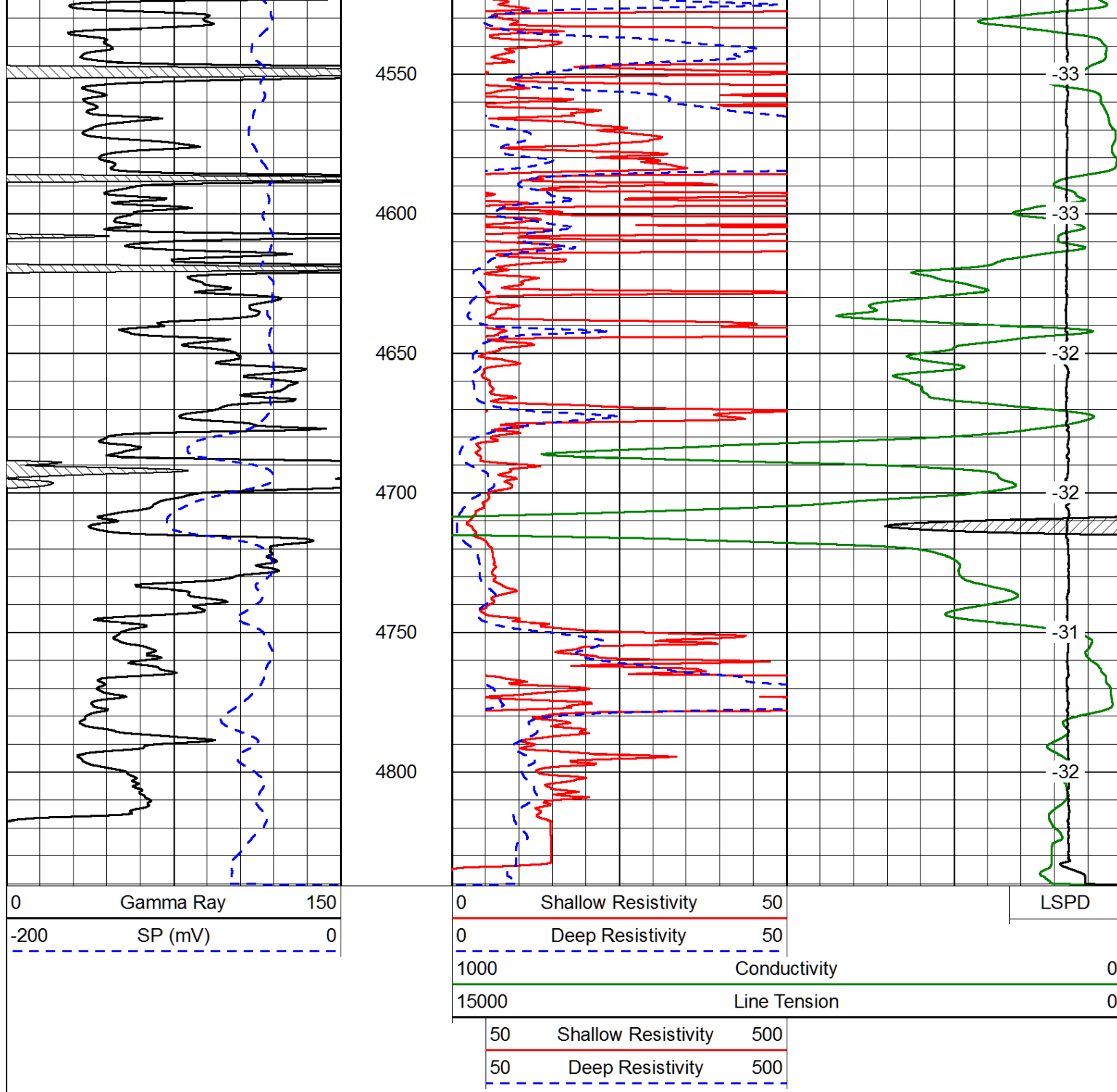




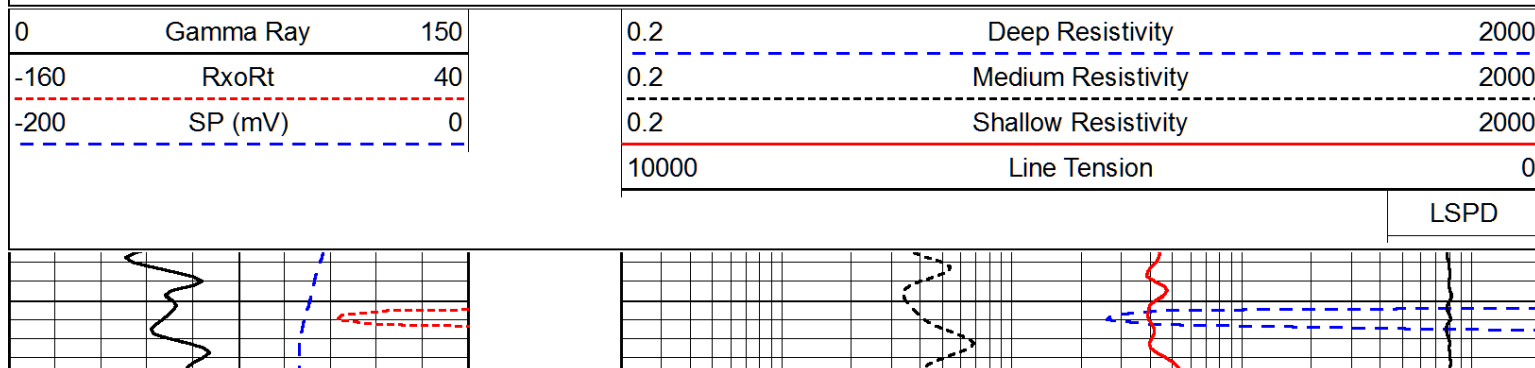


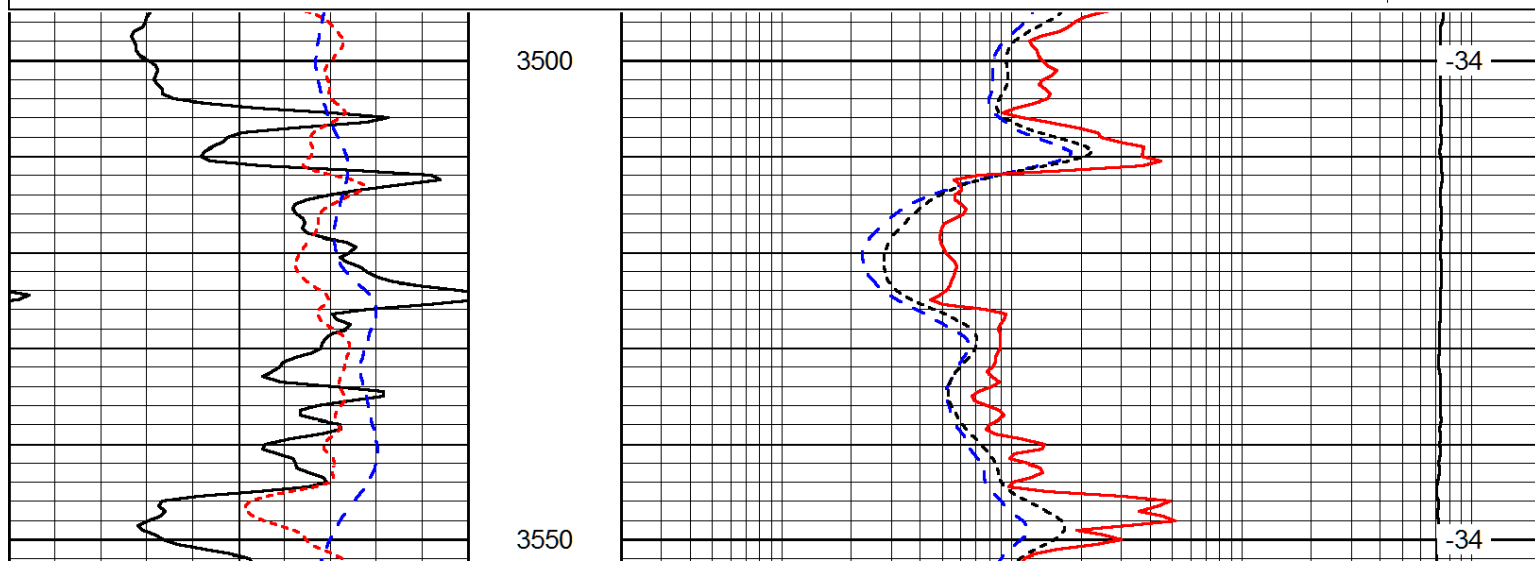
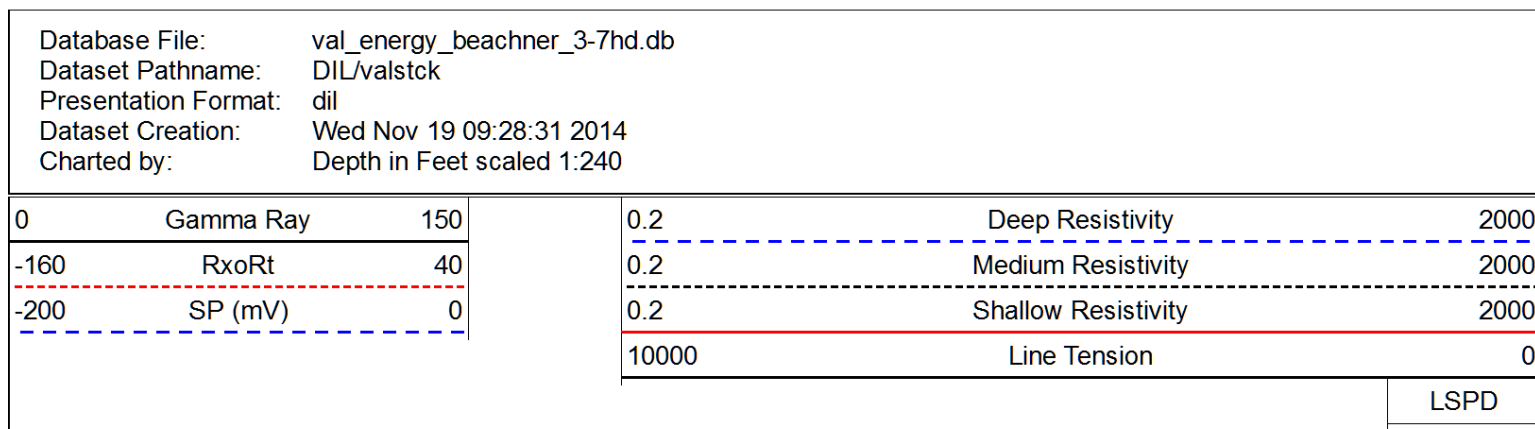
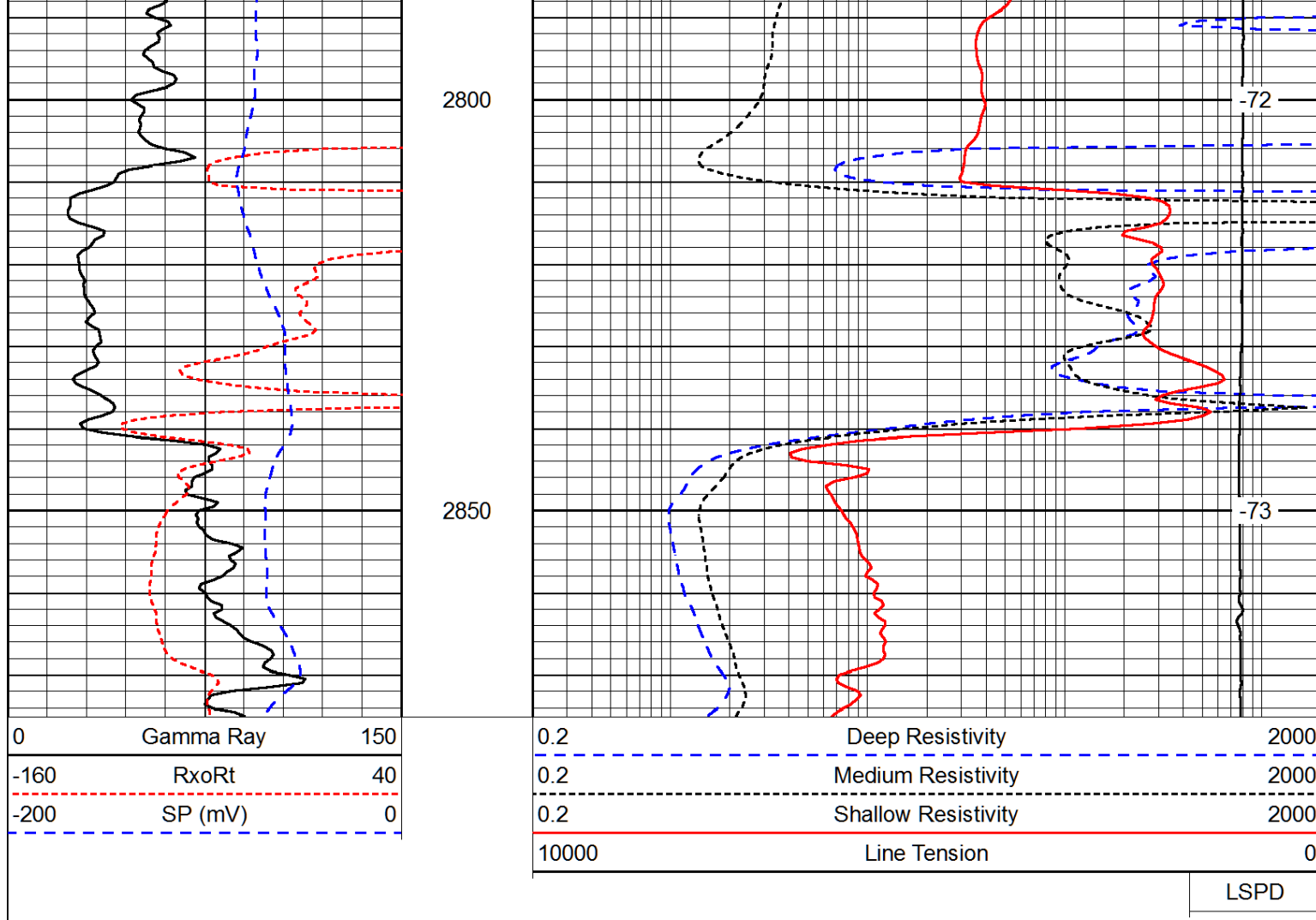


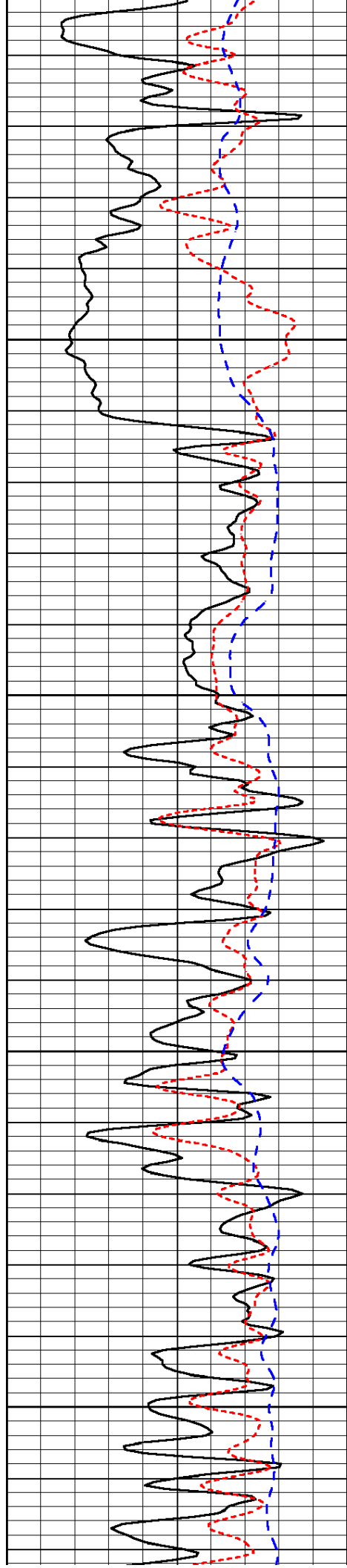




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 Dataset Creation: Wed Nov 19 09:28:31 2014
 Charted by: Depth in Feet scaled 1:240





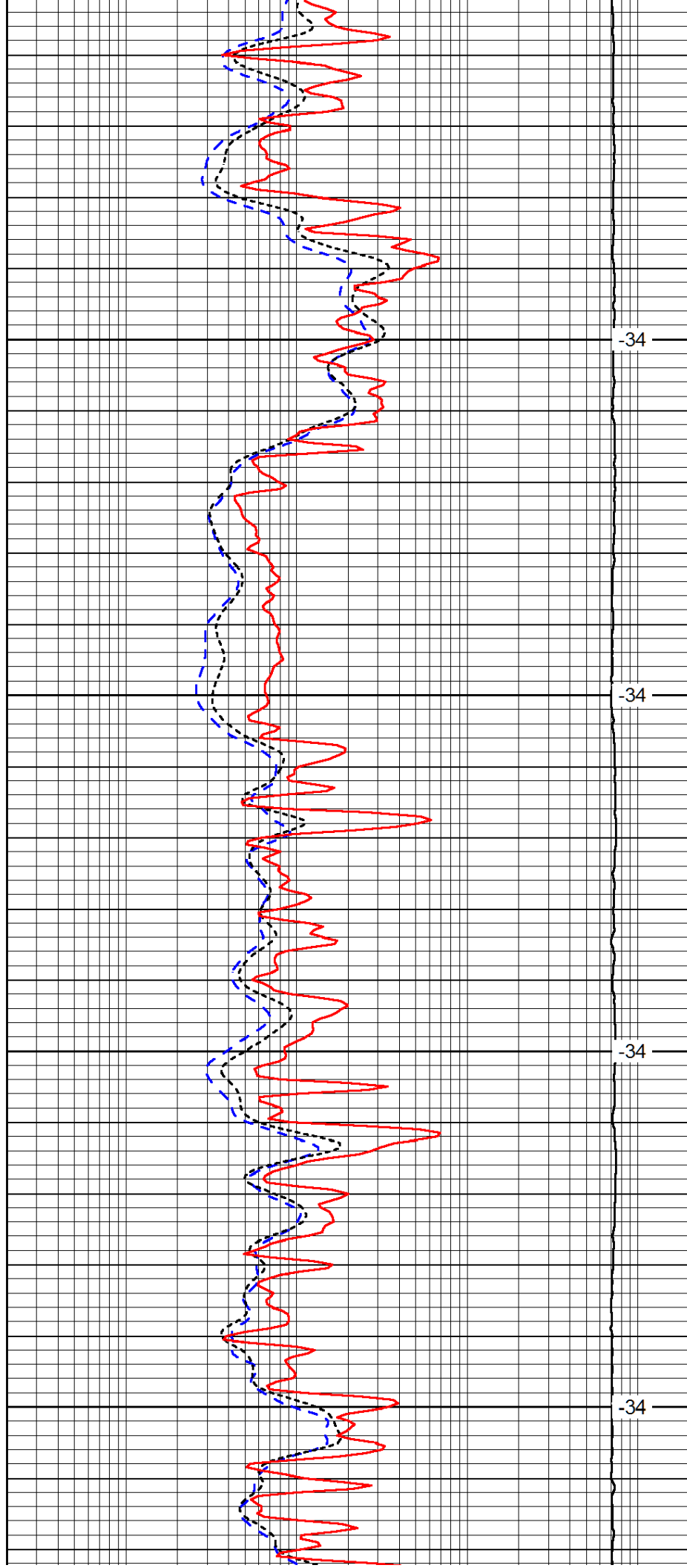


3600

3650

3700

3750

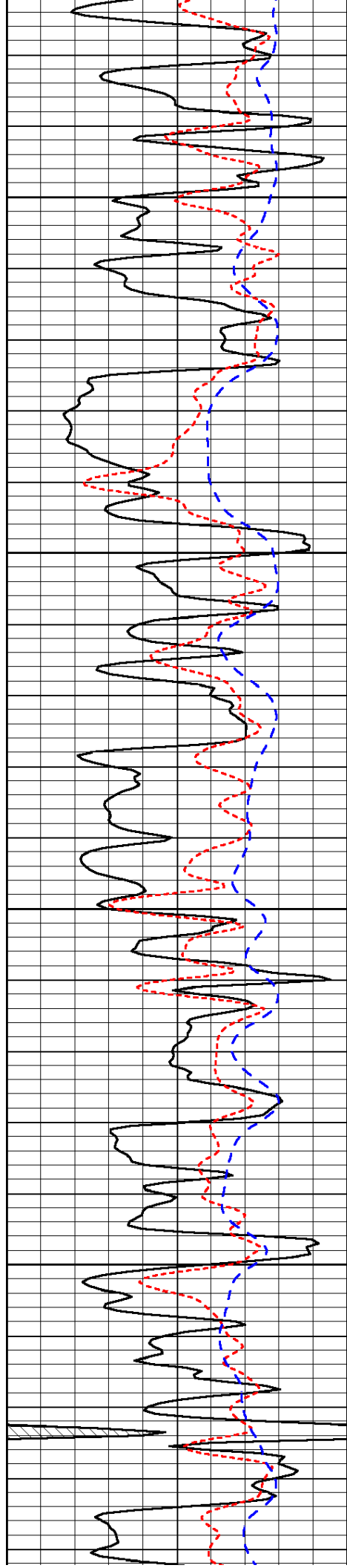


-34

-34

-34

-34

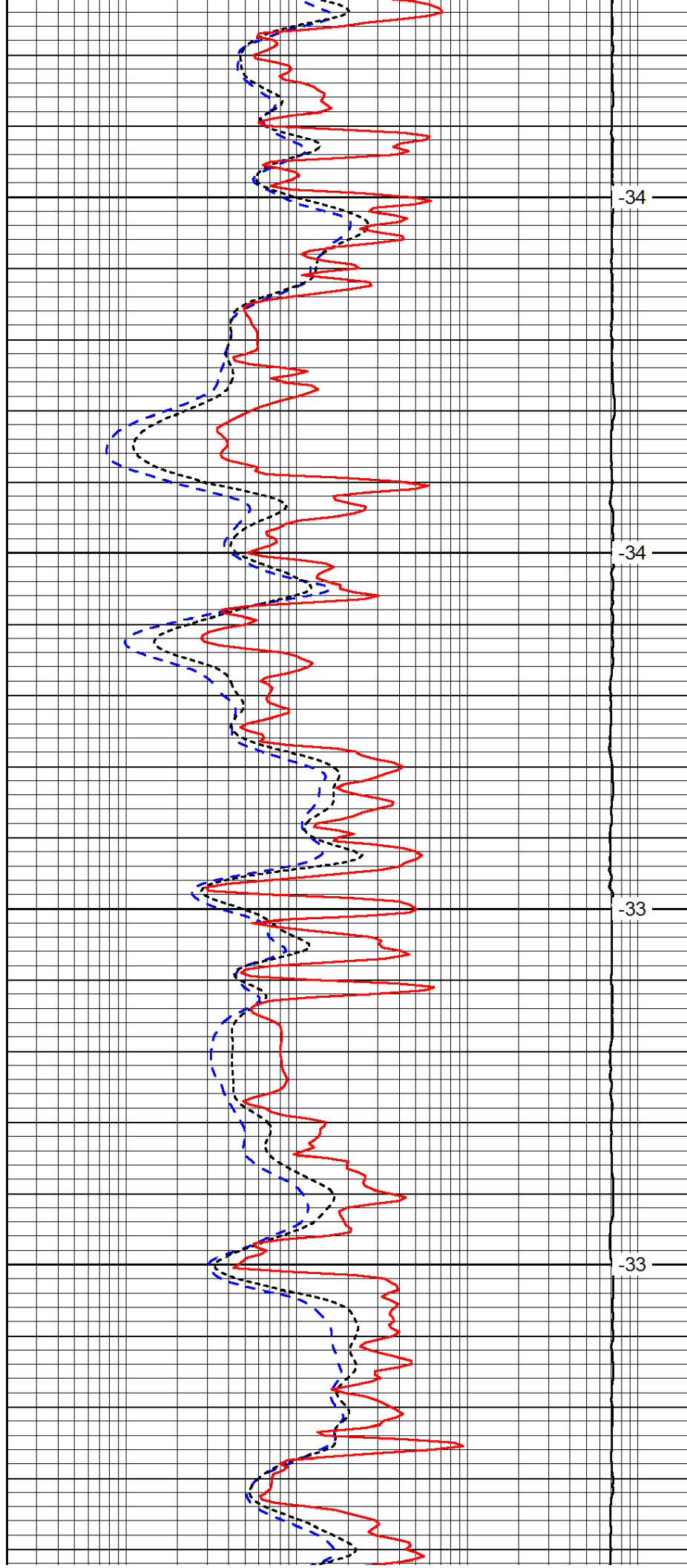


3800

3850

3900

3950

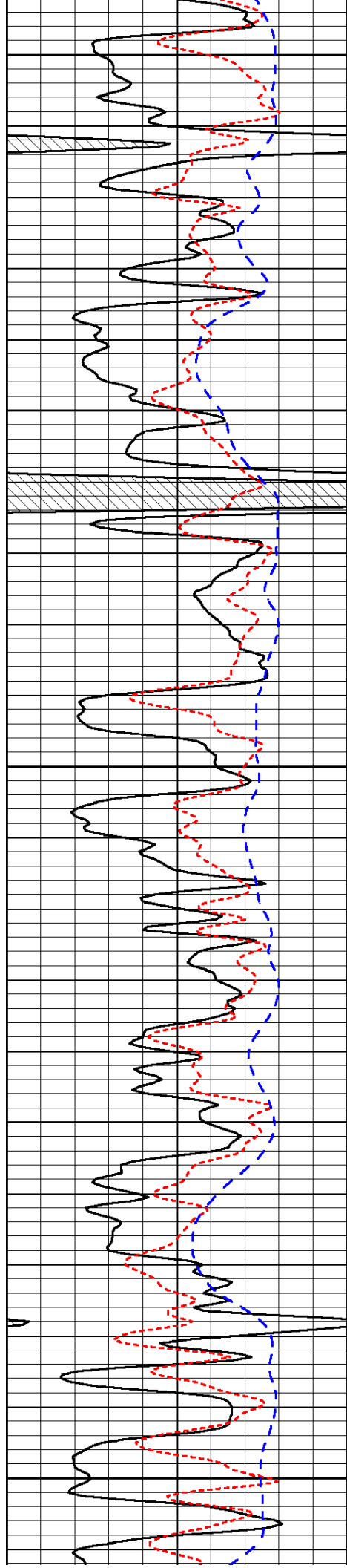


-34

-34

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-33



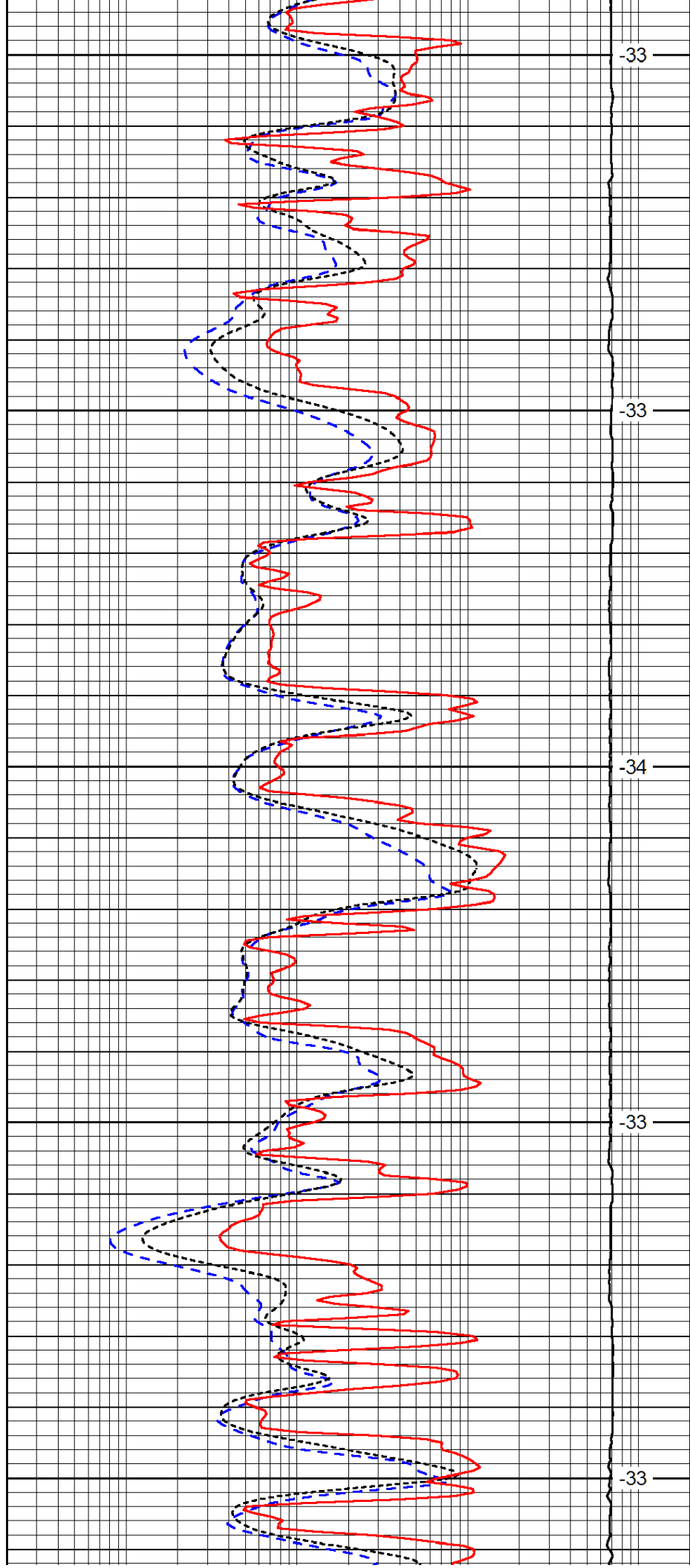
4000

4050

4100

4150

4200



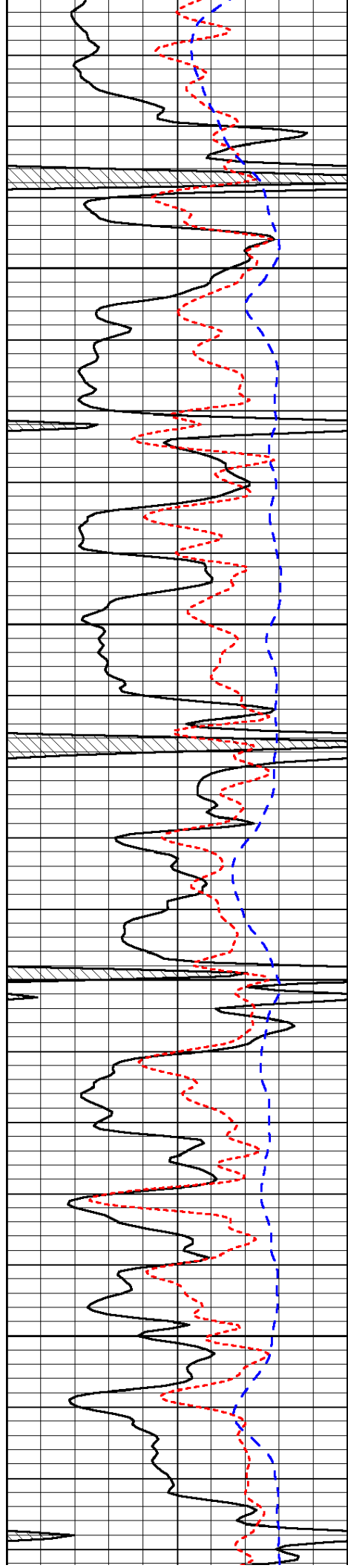
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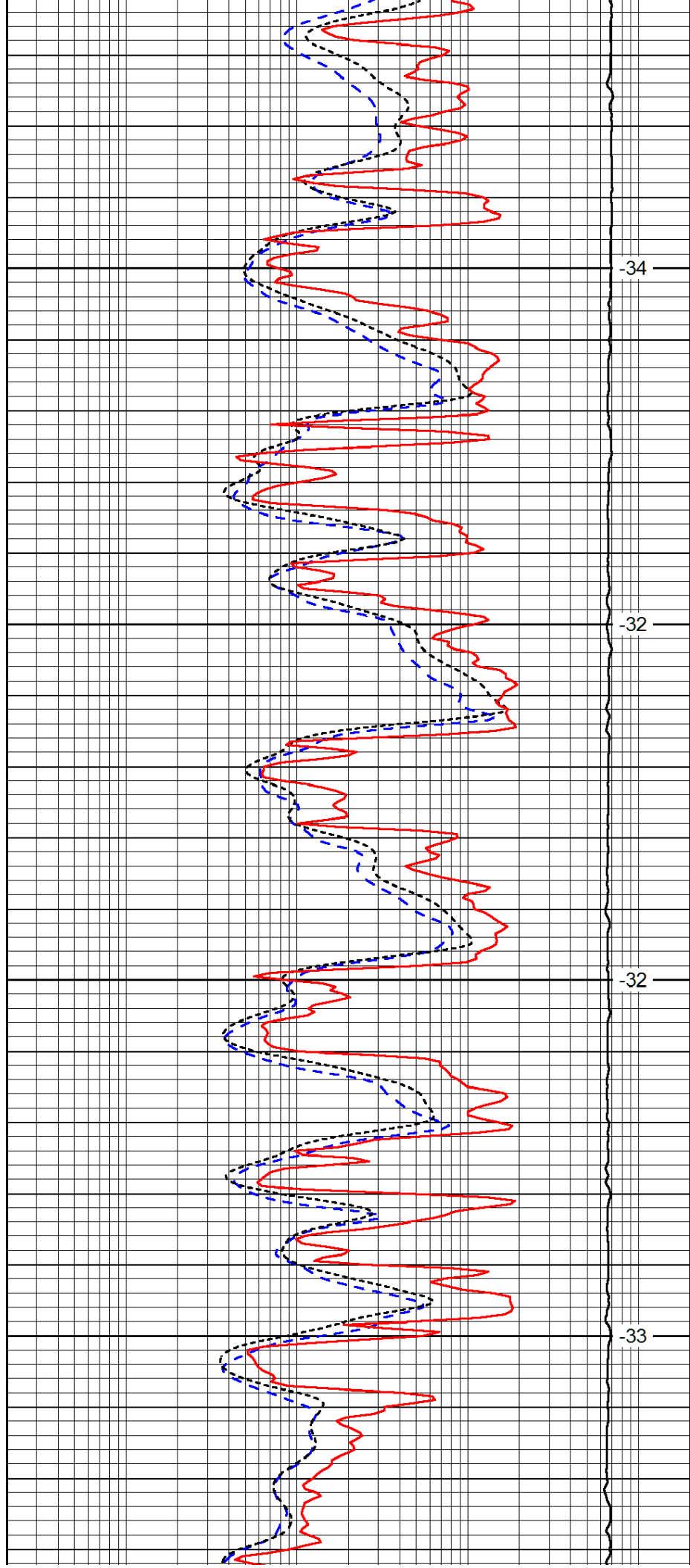


4250

4300

4350

4400

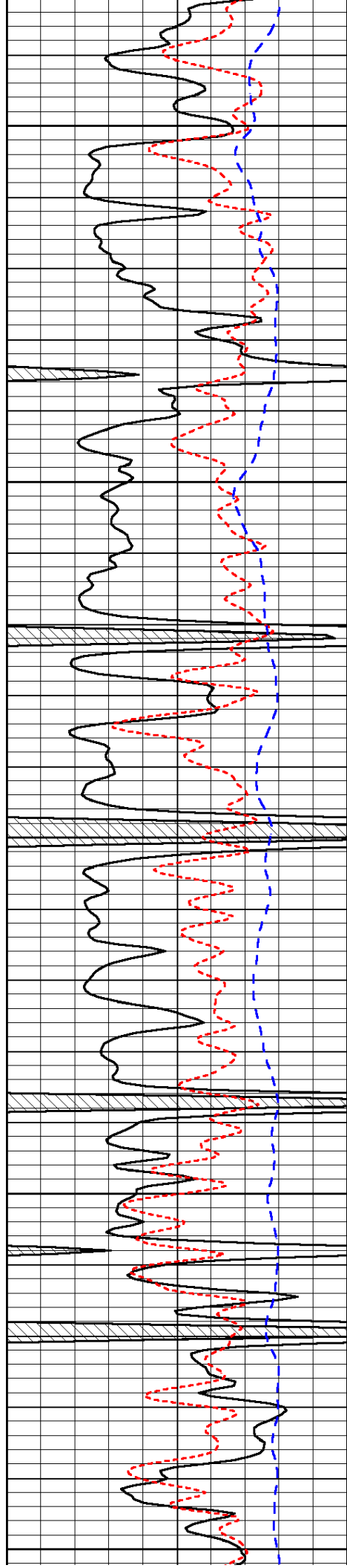


-34

-32

-32

-33



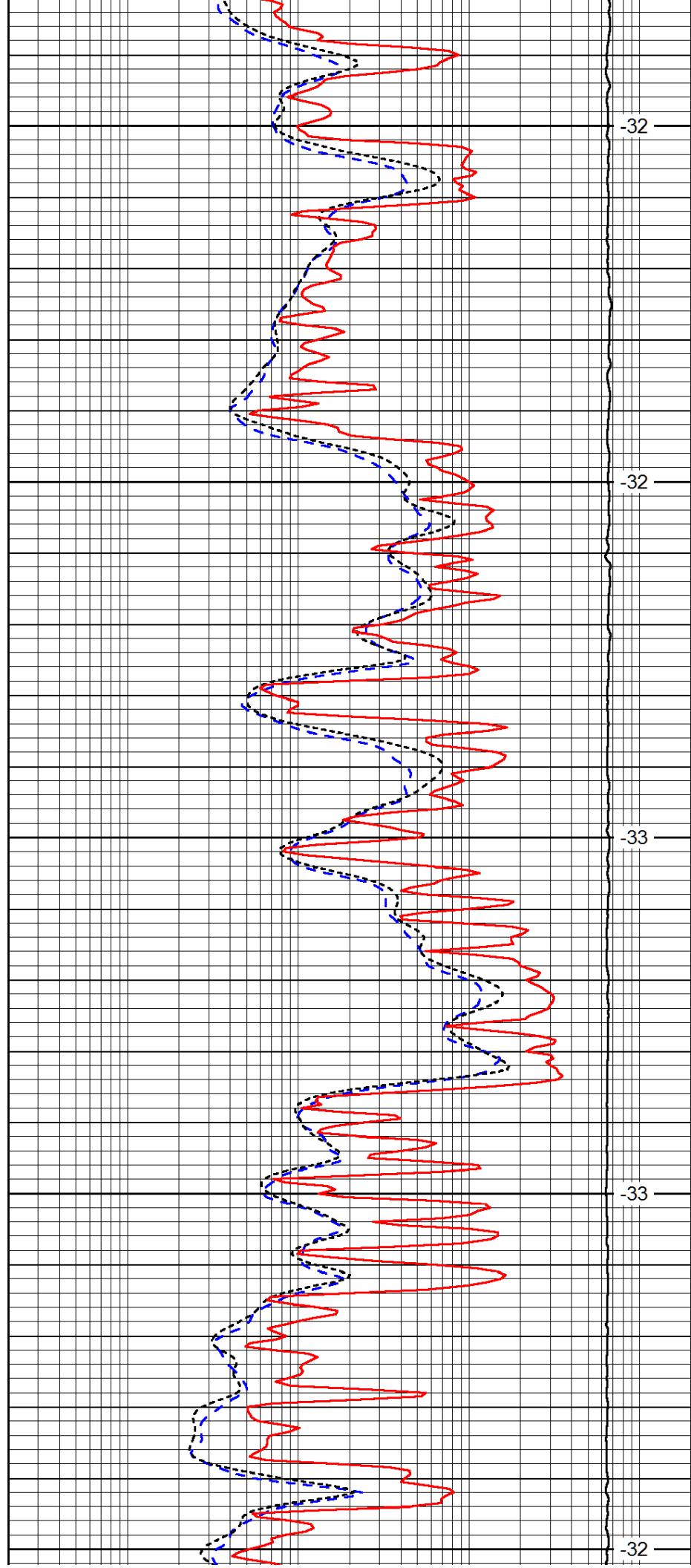
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4500

4550

4600

4650



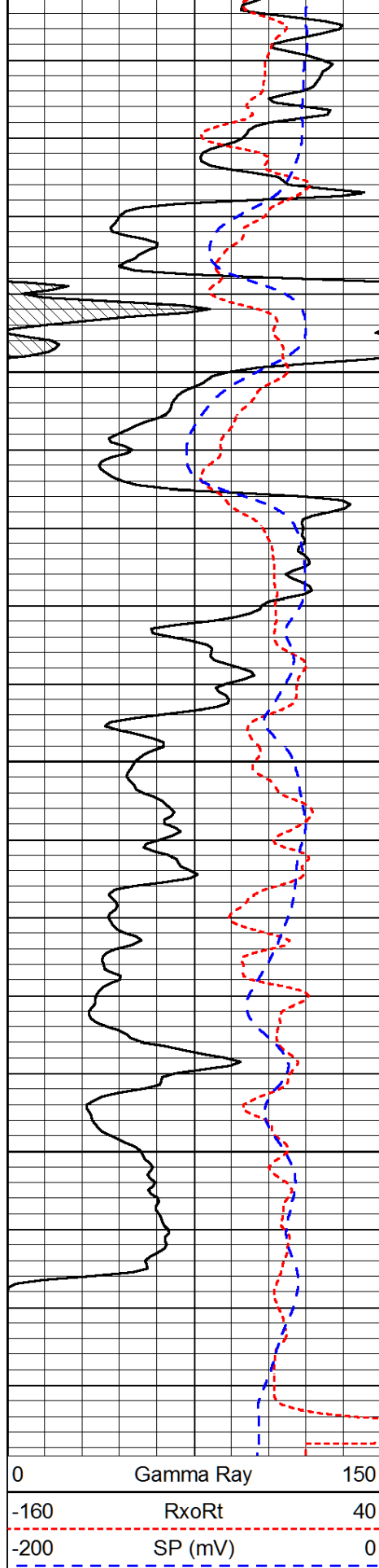
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-33

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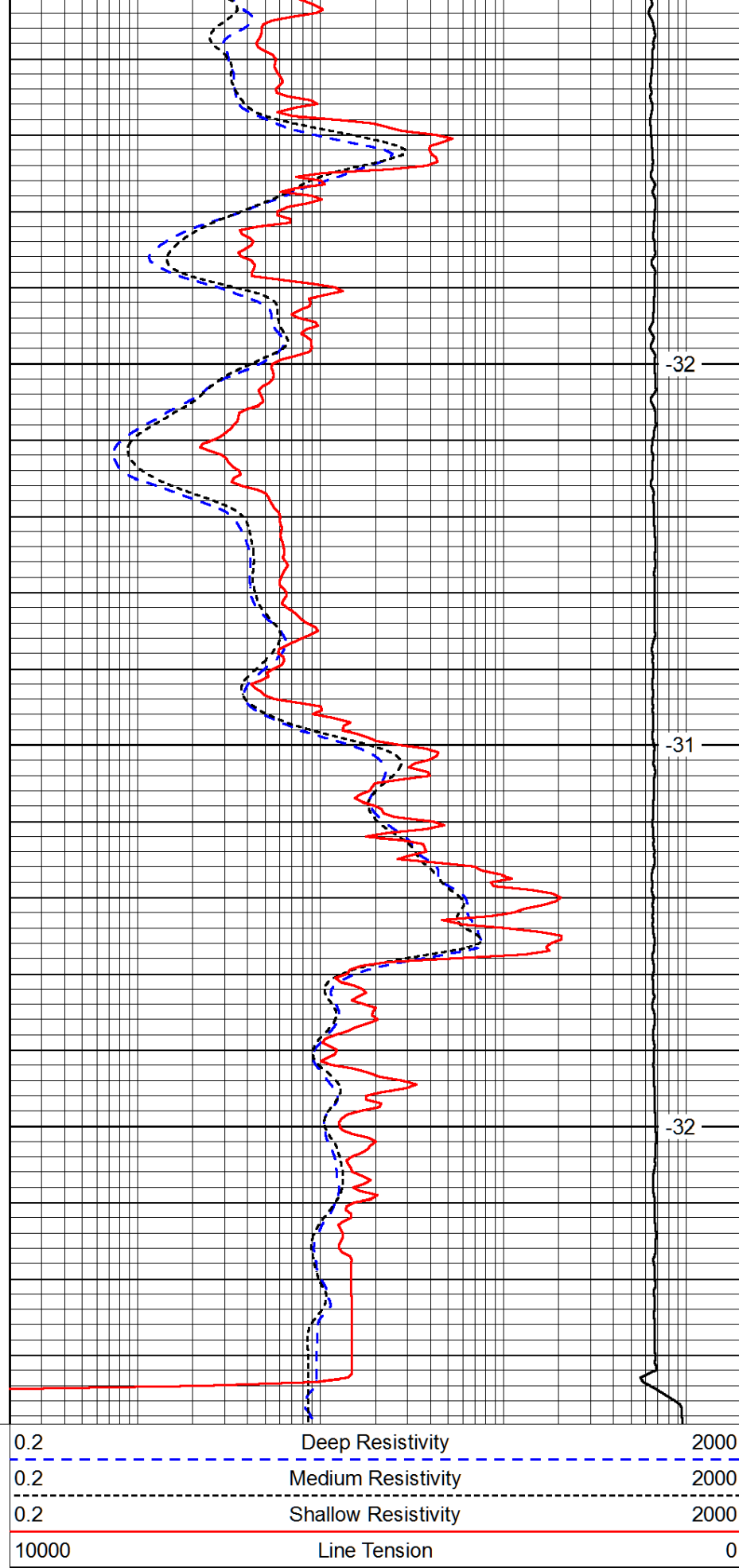
-32



4700

4750

4800



-32

-31

-32

LSPD

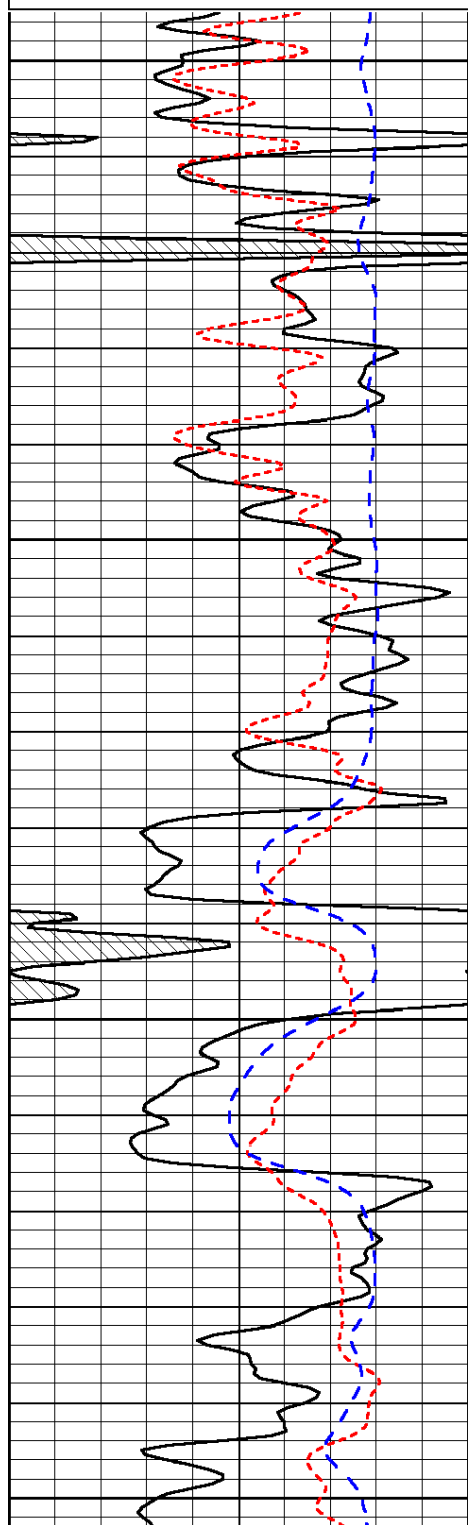
Repeat Section

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 Presentation Format: dil
 Dataset Creation: Wed Nov 19 08:57:08 2014
 Charted by: Depth in Feet scaled 1:240

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

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

LSPD

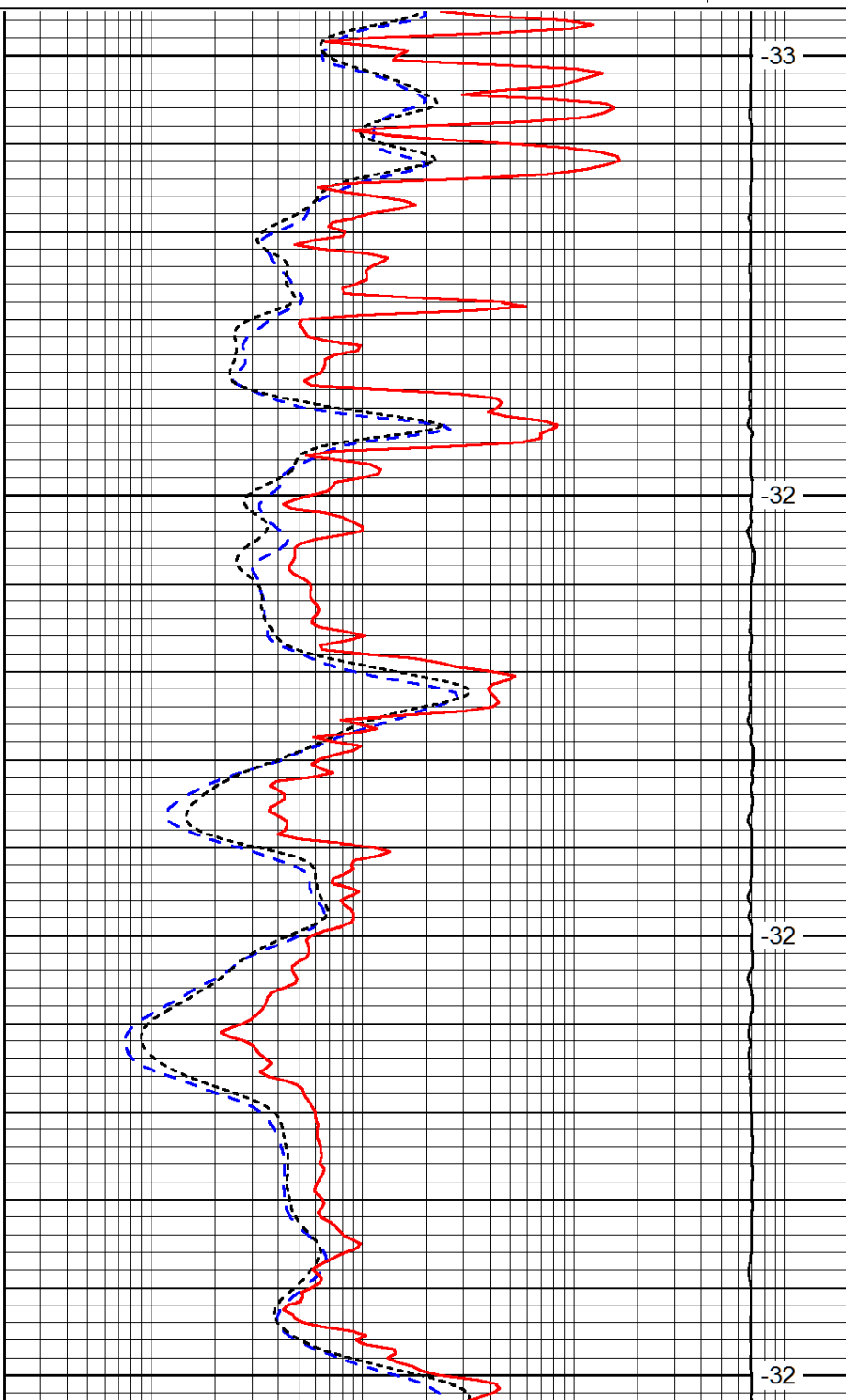


4600

4650

4700

4750

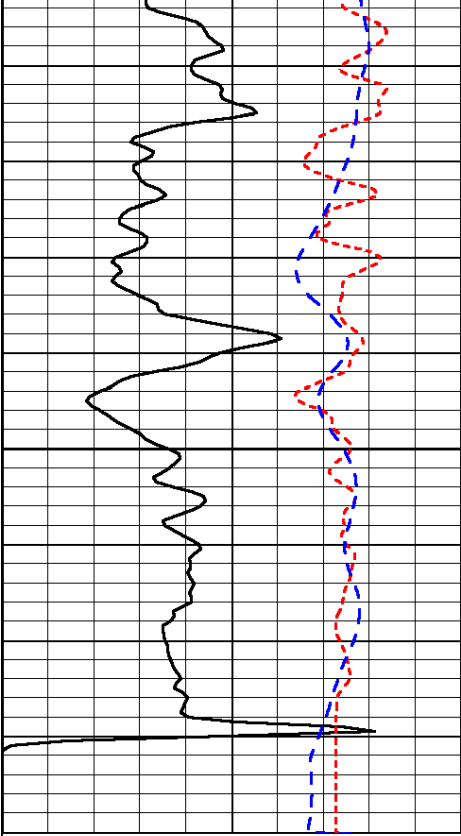


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-32

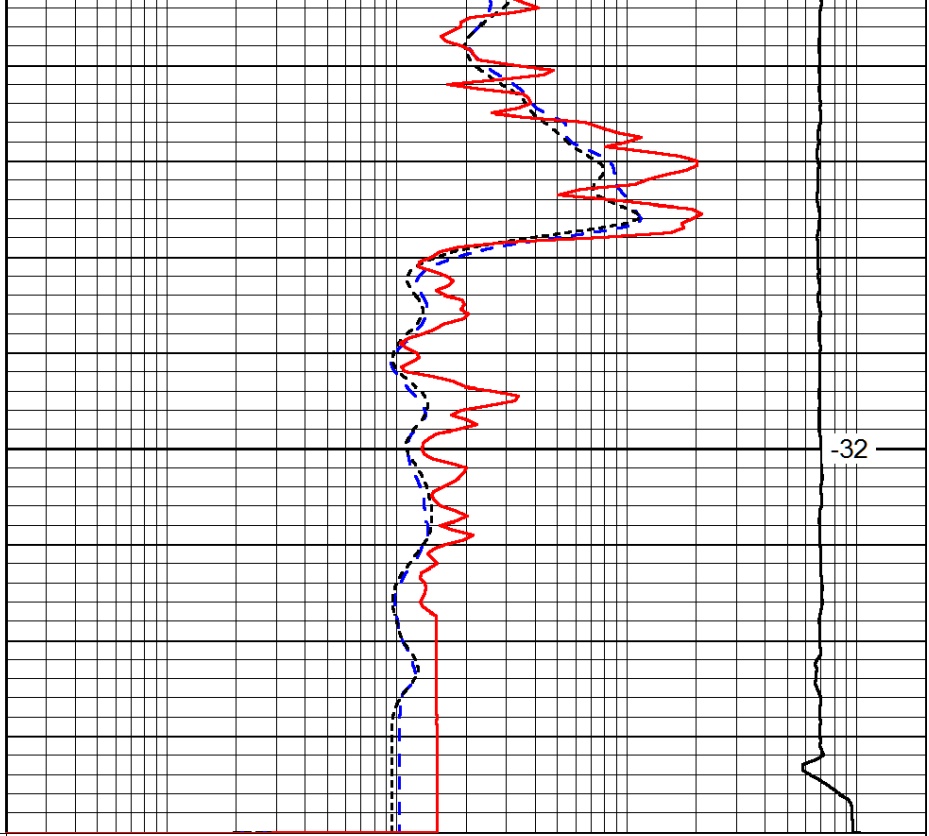
-32

-32



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

4800



0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

LSPD