



Dual Induction Log

Pioneer Energy Services

API No.

15-063-22028-00-00

Company Prospect Oil & Gas Corp.

Well Brookover #21-1

Field Wildcat

County Gove

State

Kansas

Location

NW NE SW NW
1440' FNL / 1750' FEL

Sec: 21

Twp: 13S

Rge: 30W

Permanent Datum Ground Level Elevation 2892

Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Elevation

K.B. 2897
D.F. 2897
G.L. 2892

Date

8/19/2012

Run Number

One

Depth Driller

4565

Depth Logger

4565

Bottom Logged Interval

4564

Top Log Interval

200

Casing Driller

8.625 @ 211

Casing Logger

206

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

2000

Density / Viscosity

9.5

pH / Fluid Loss

9.5

Source of Sample

Flowline

Rm @ Meas. Temp

1.20 @ 82

Rmf @ Meas. Temp

0.90 @ 82

Rmc @ Meas. Temp

1.62 @ 82

Source of Rmf / Rmc

Charts

Rm @ BHT

0.81 @ 122

Operating Rig Time

4 Hours

Max Rec. Temp. F

122

Equipment Number

15

Location

Hays

Recorded By

R. Barnhart

Witnessed By

Brad Hutchinson

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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

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www.pioneerenergy.com

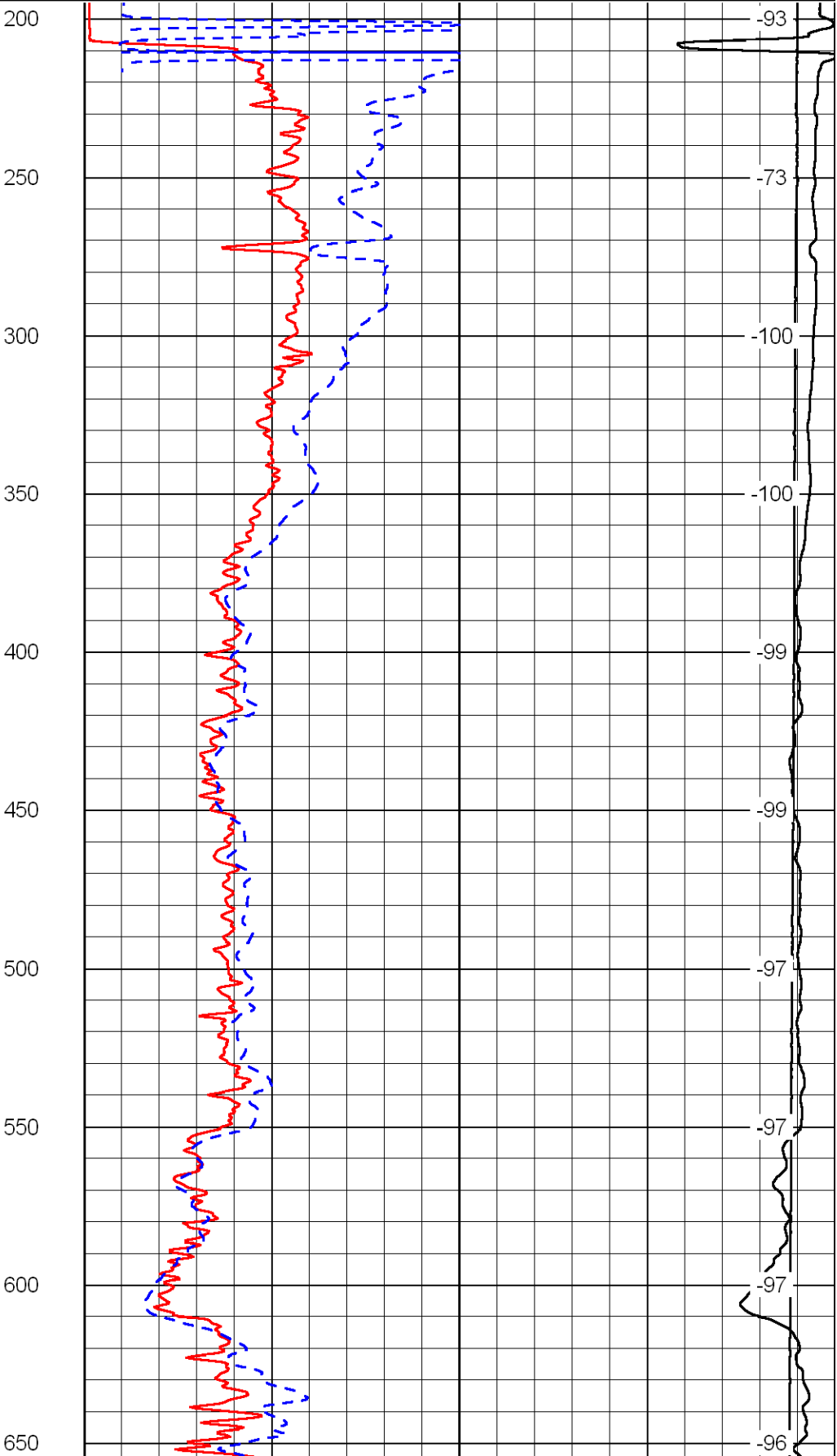
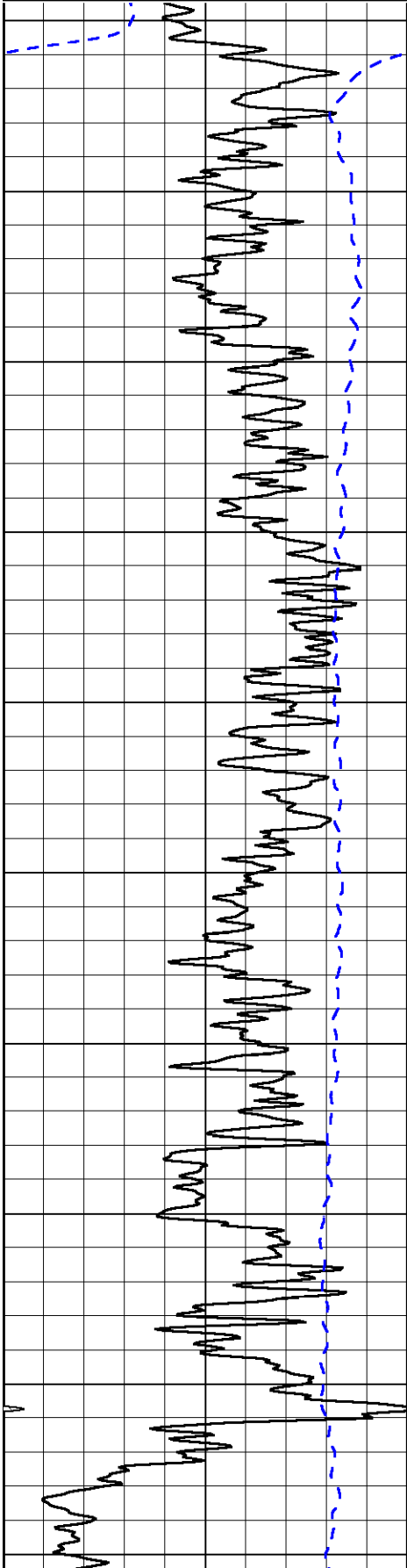
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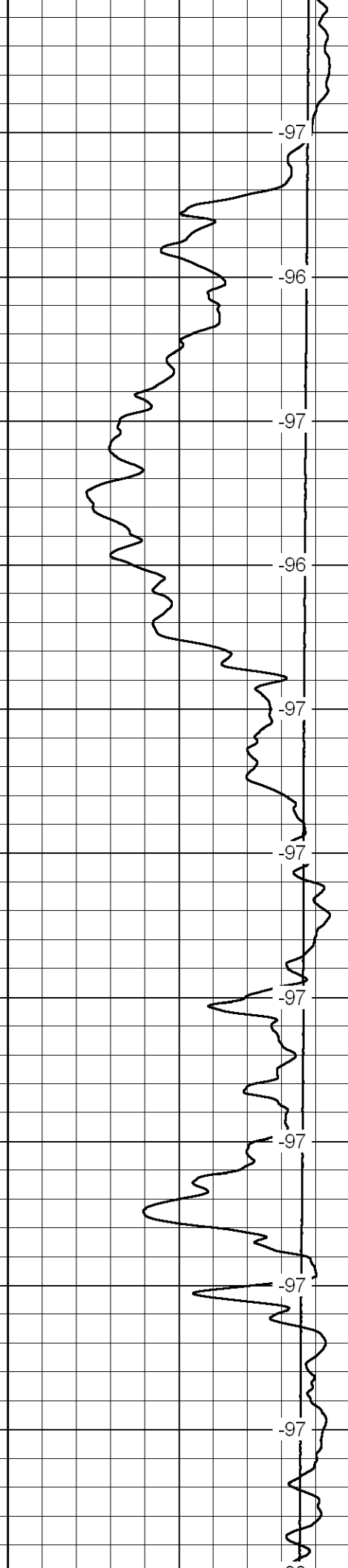
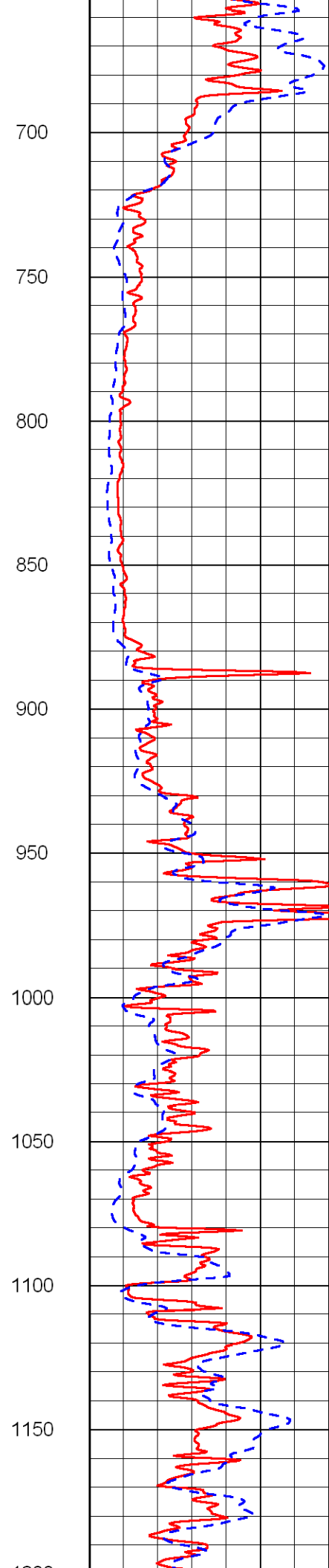
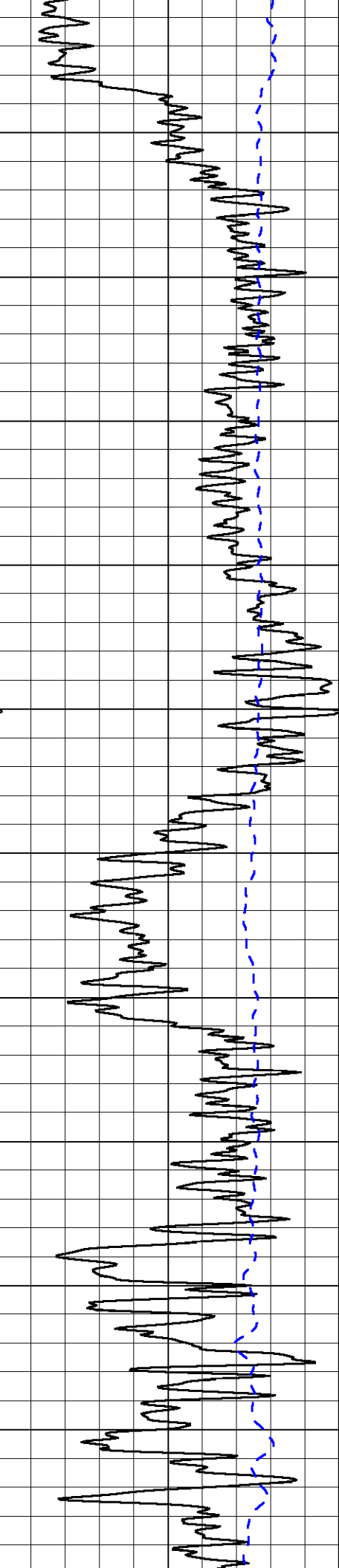
Gove, KS:
10W, 3S, E into

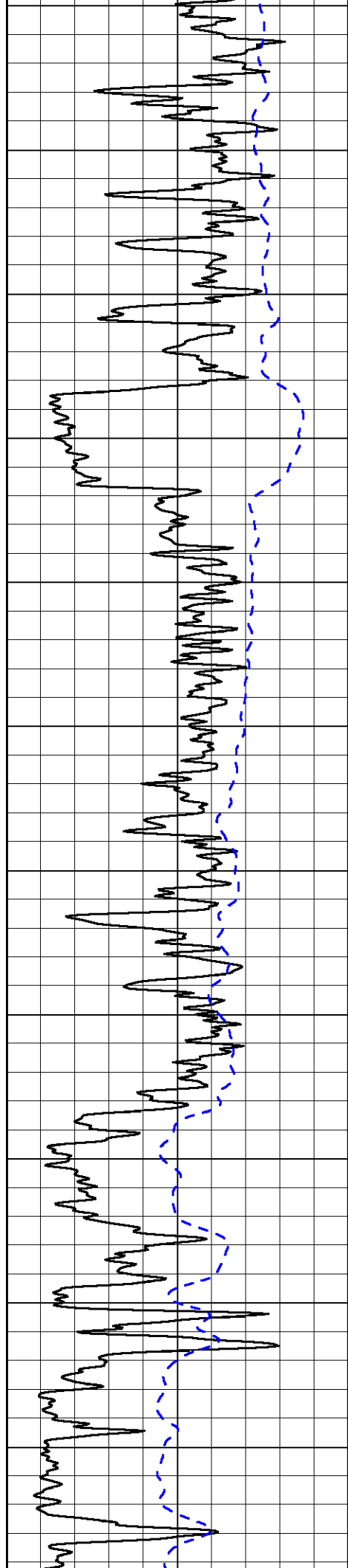
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Presentation Format: dil2in
Dataset Creation: Sun Aug 19 16:39:40 2012
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
-200	SP (mV)	0

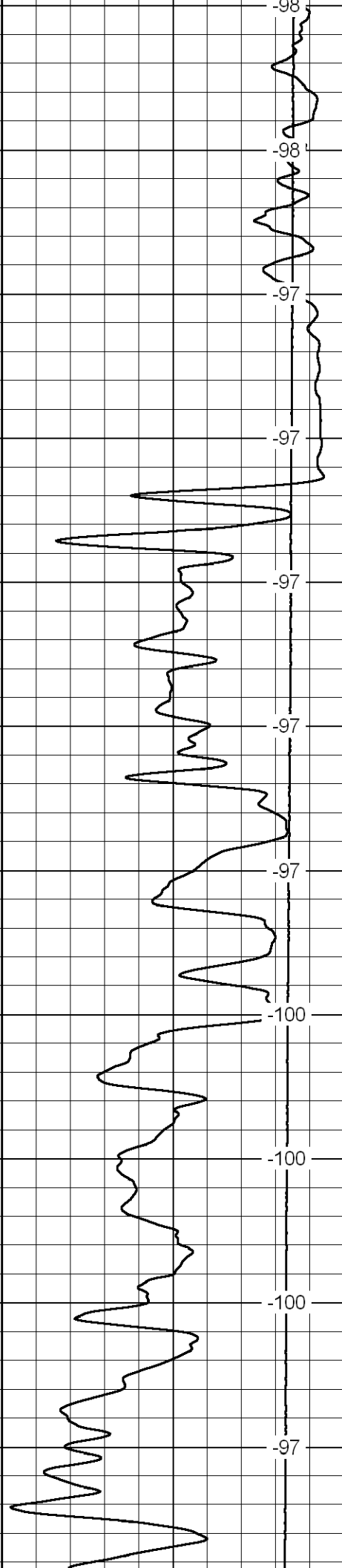
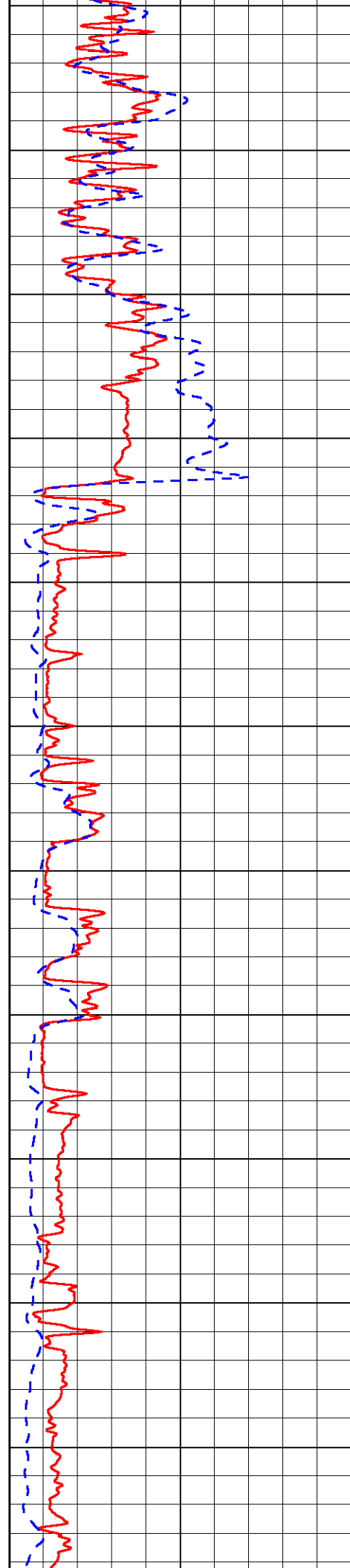
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0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0
Shallow Resistivity		
50	(Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500



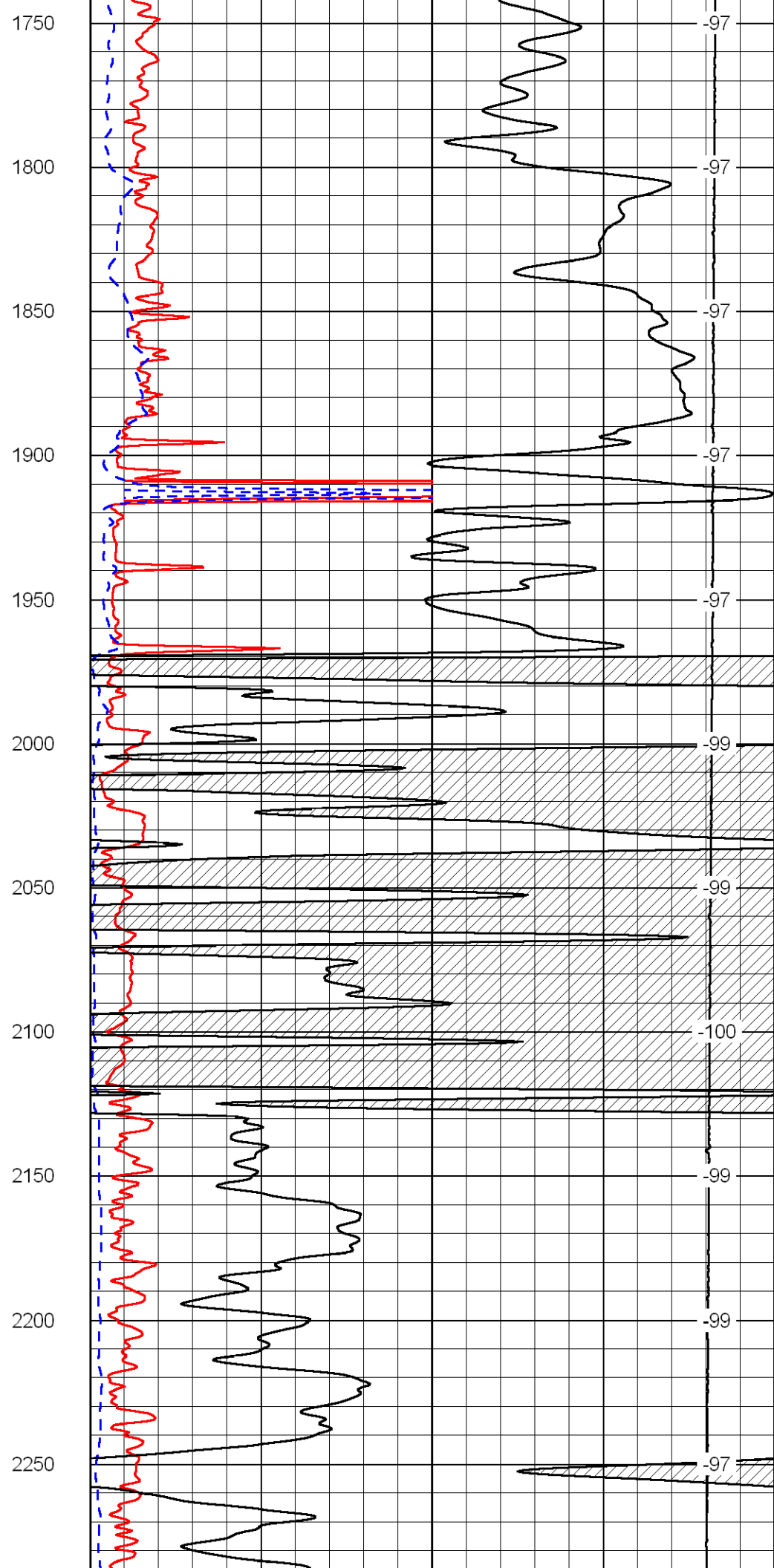
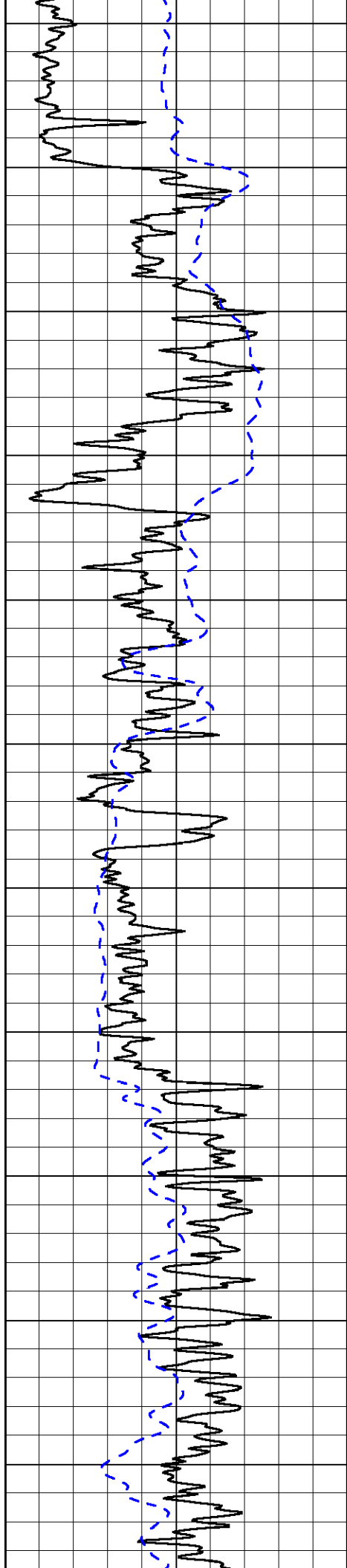


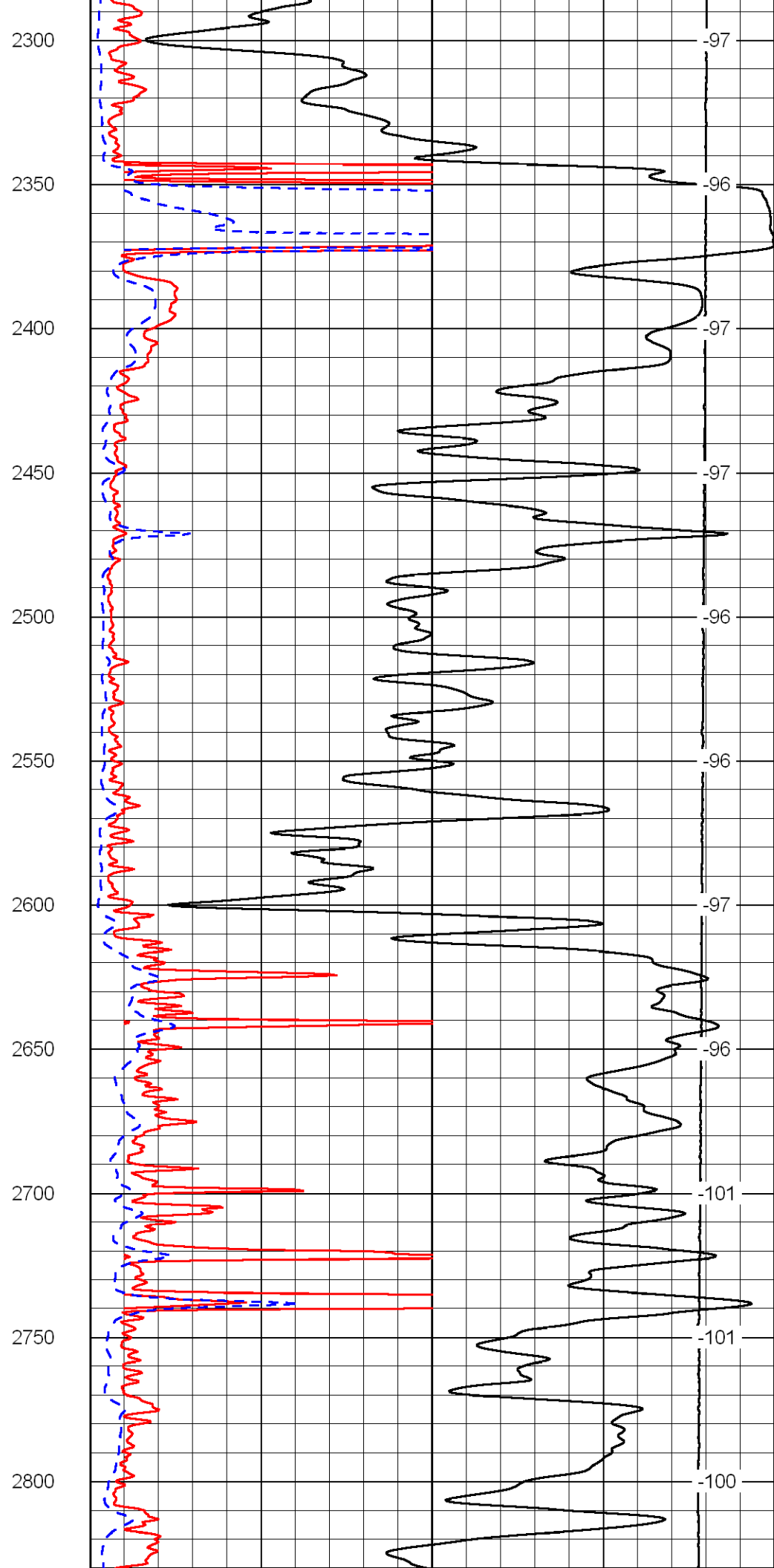
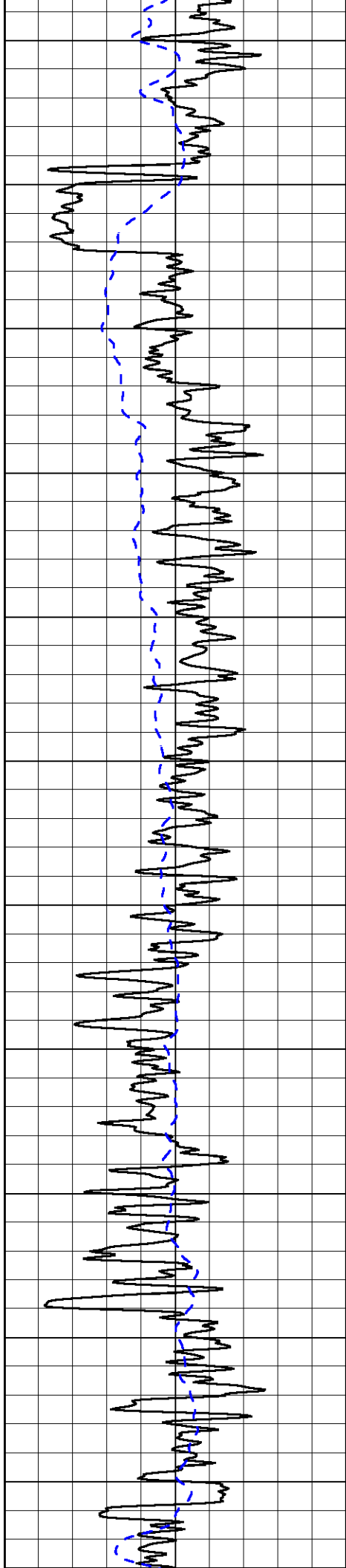


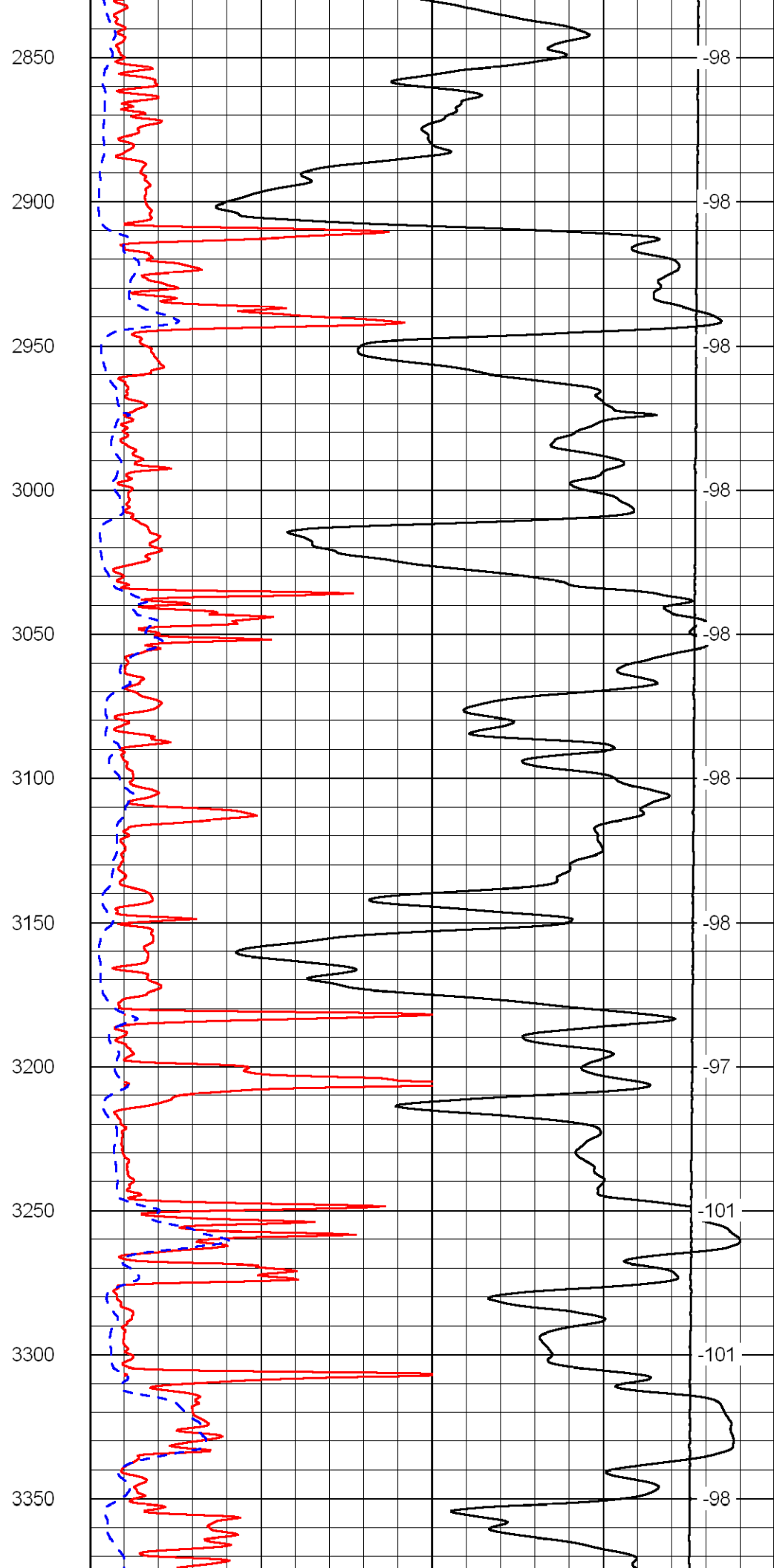
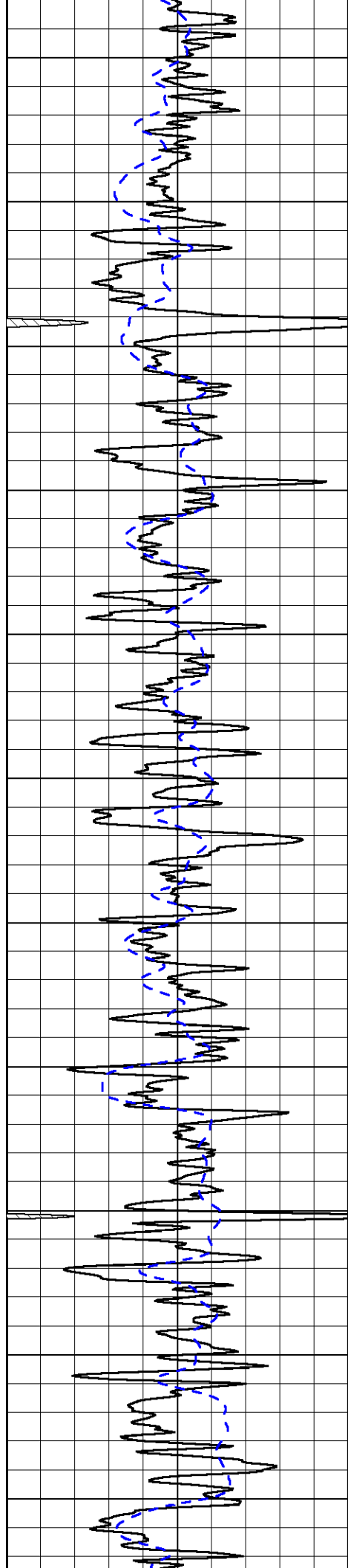
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1250
1300
1350
1400
1450
1500
1550
1600
1650
1700

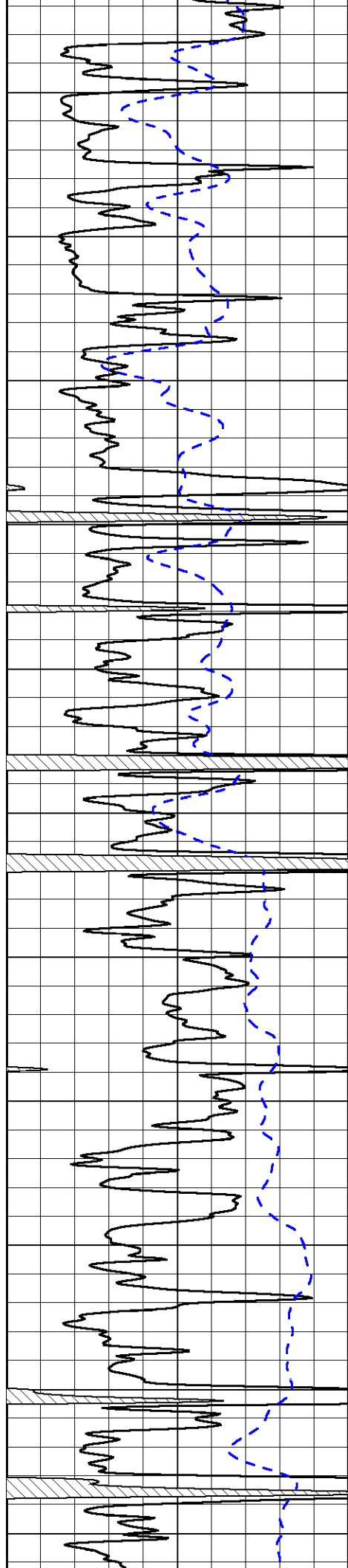


-98
-98
-97
-97
-97
-97
-97
-100
-100
-100
-97









3950

4000

4050

4100

4150

4200

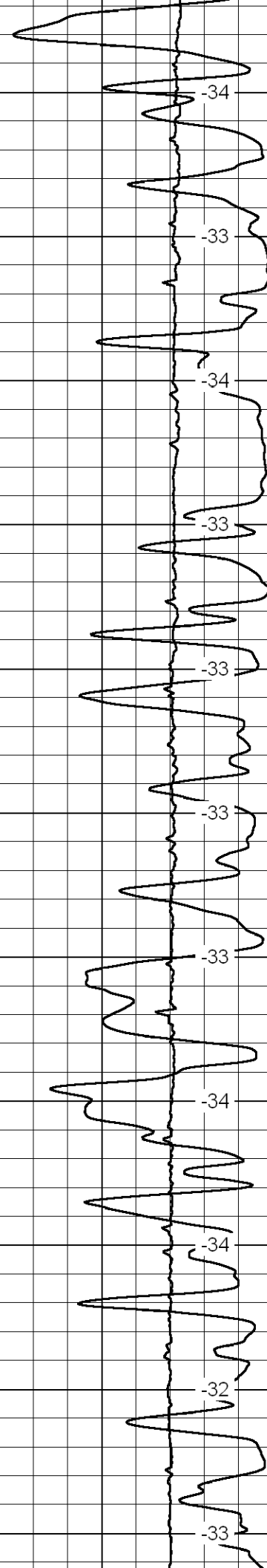
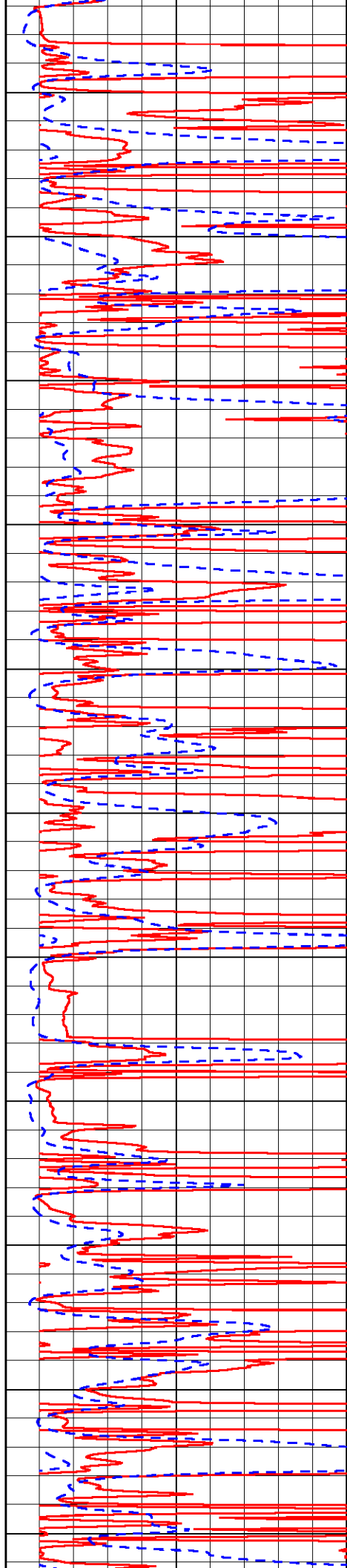
4250

4300

4350

4400

4450



-34

-33

-34

-33

-33

-33

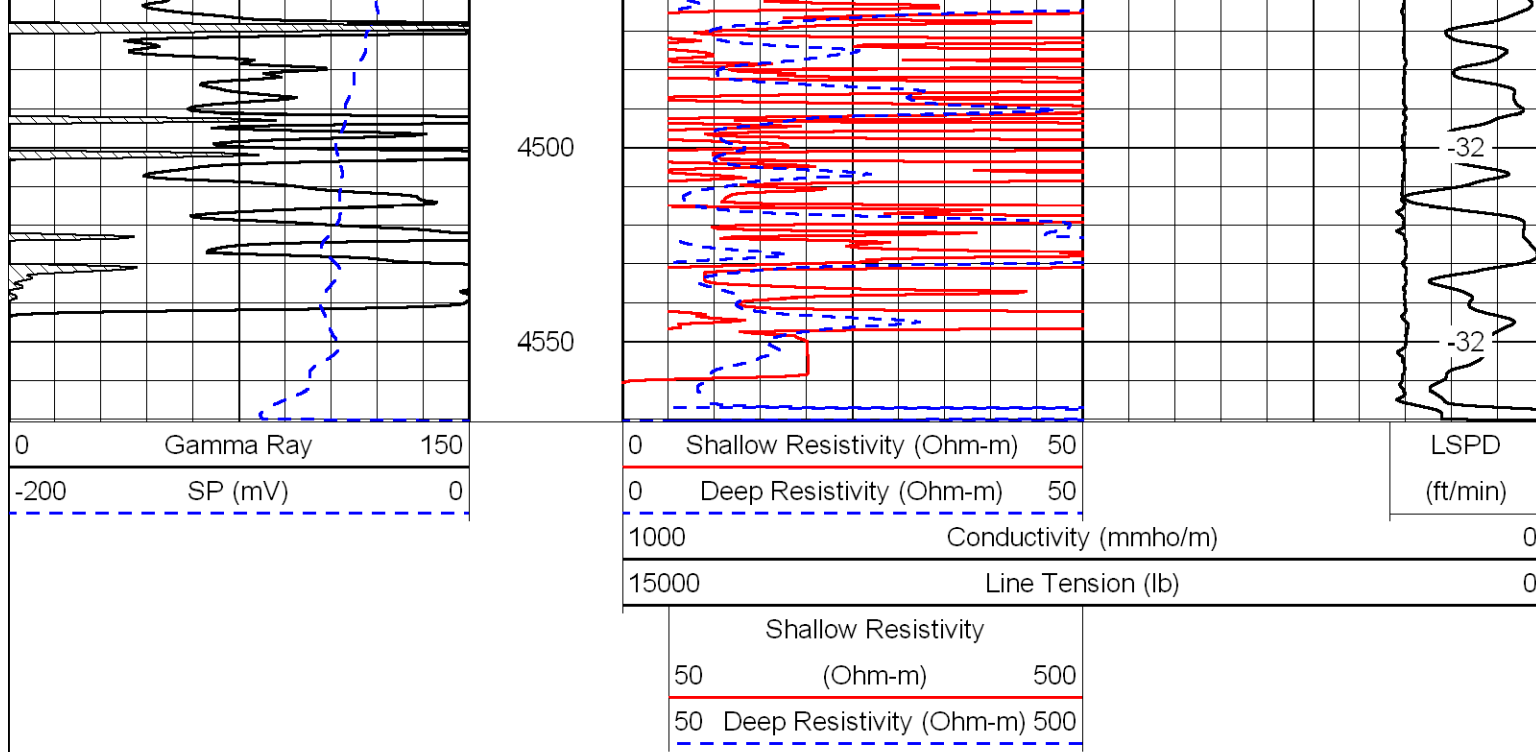
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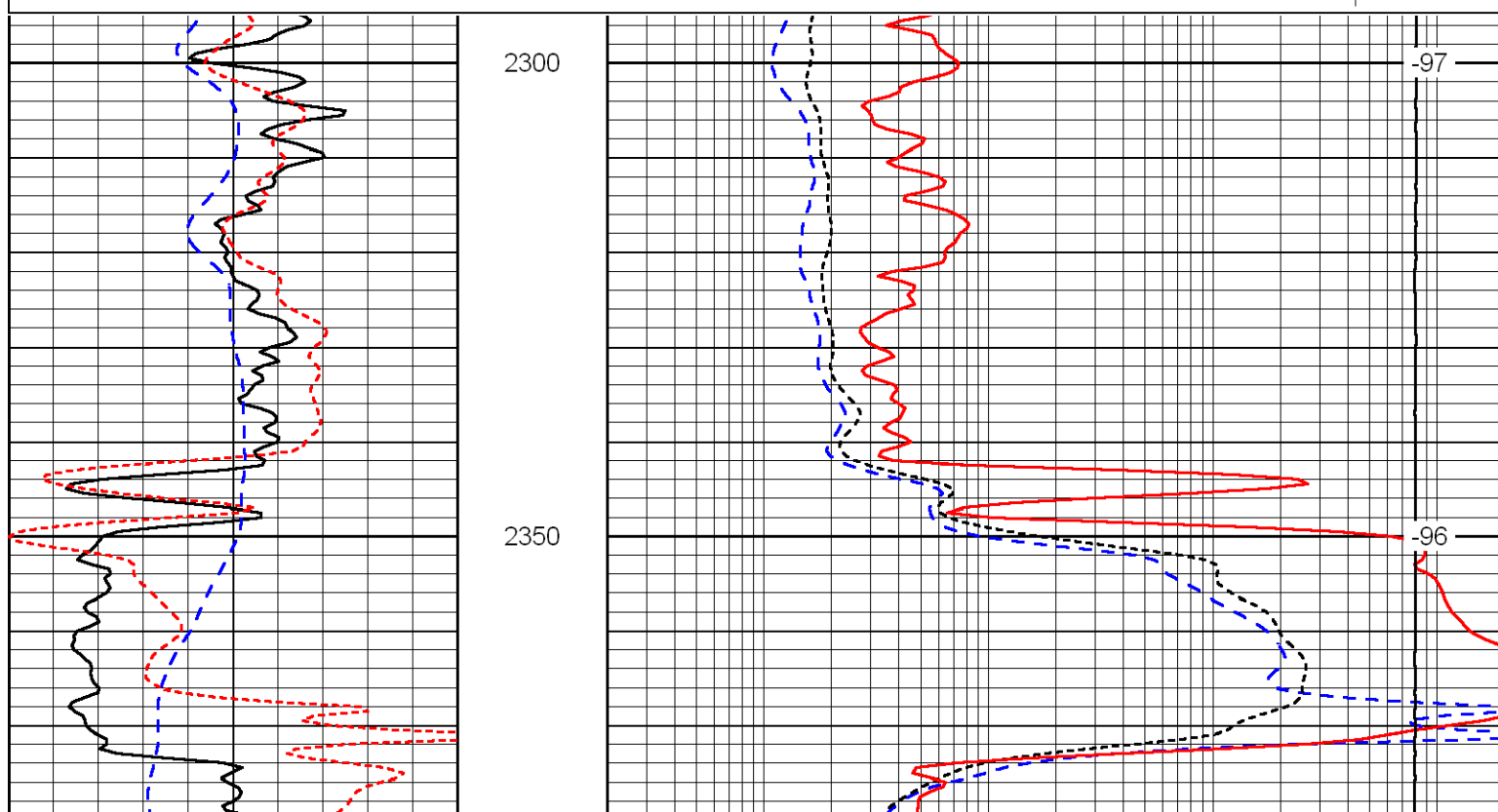
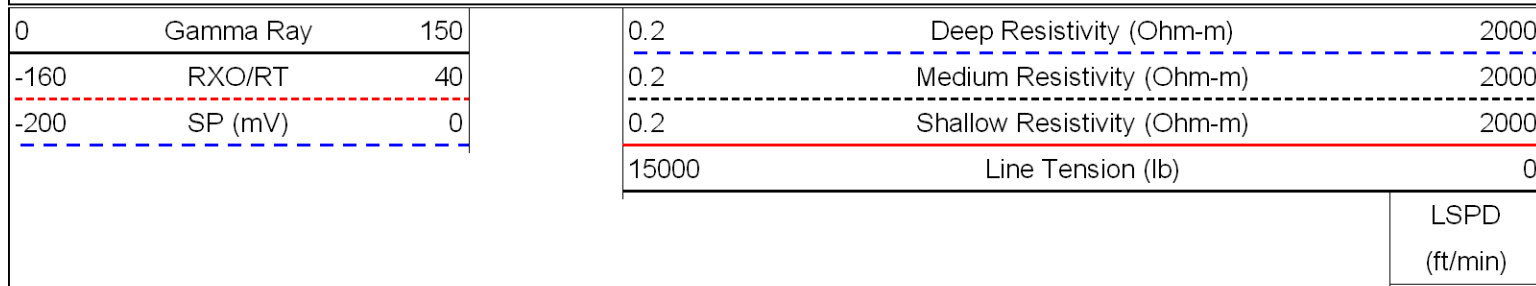
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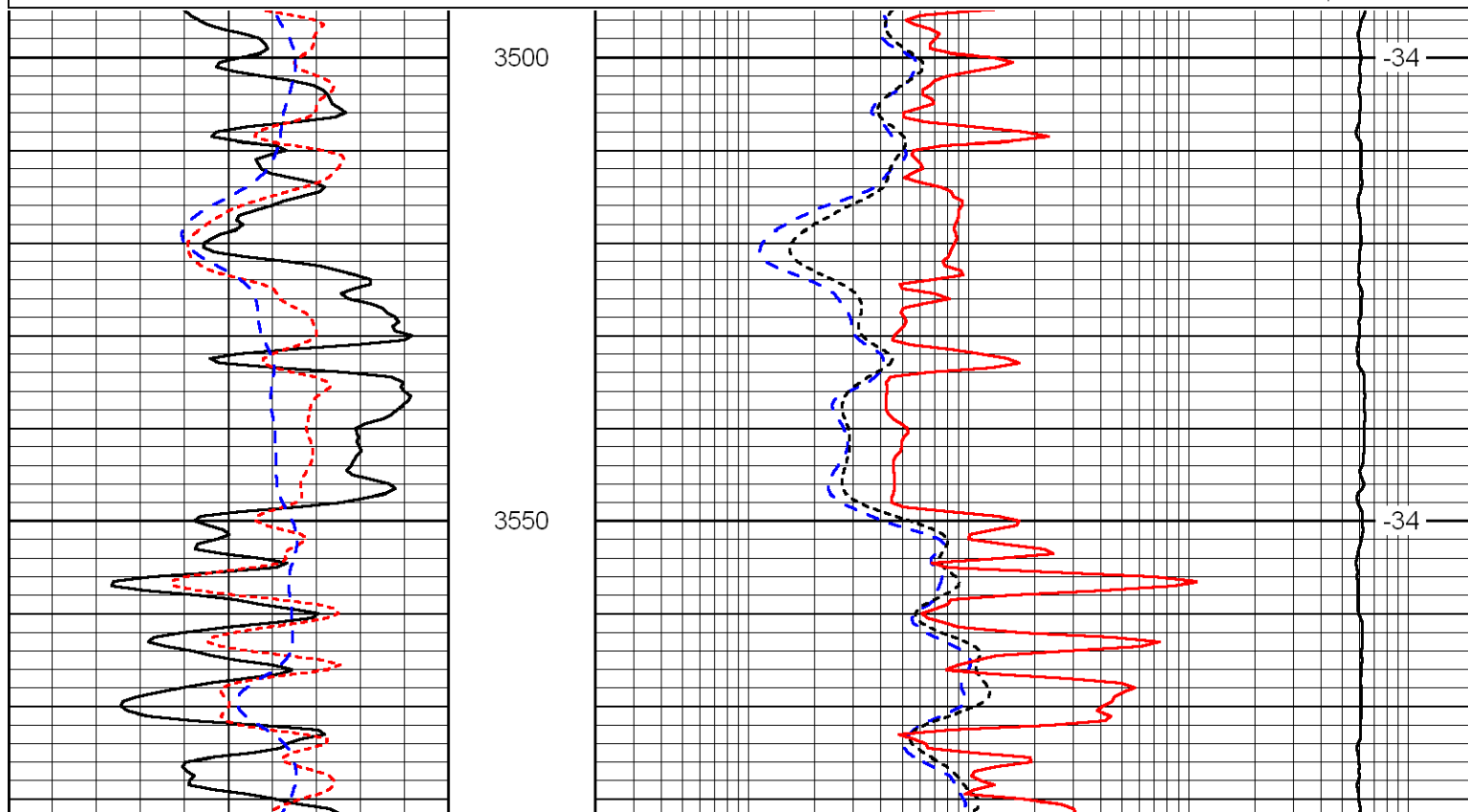
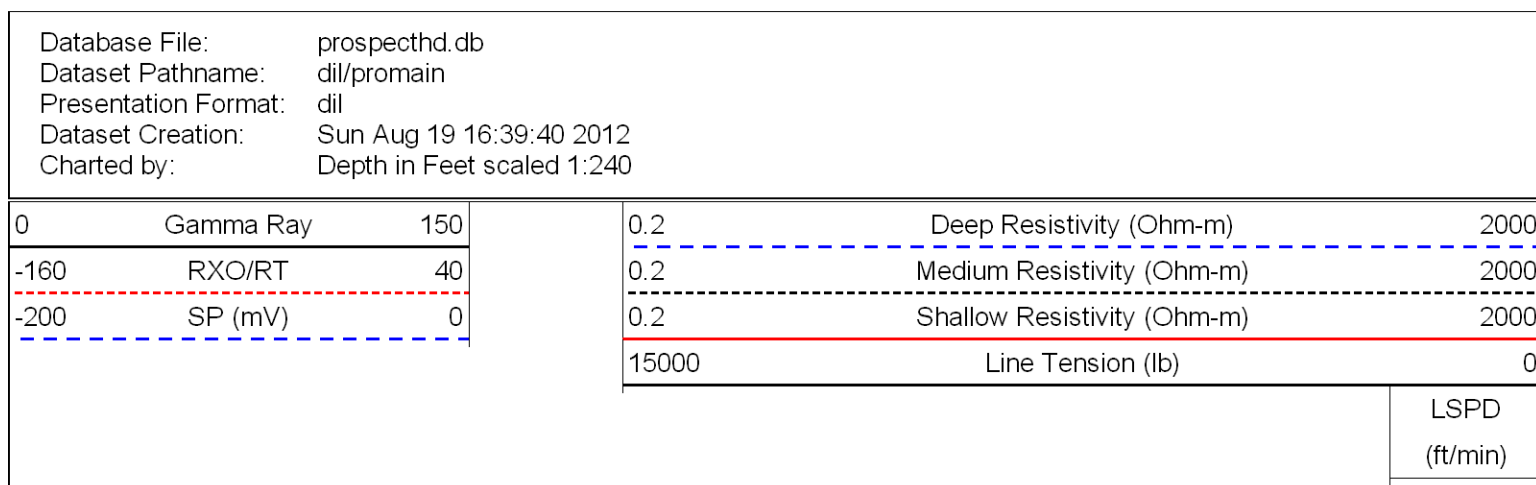
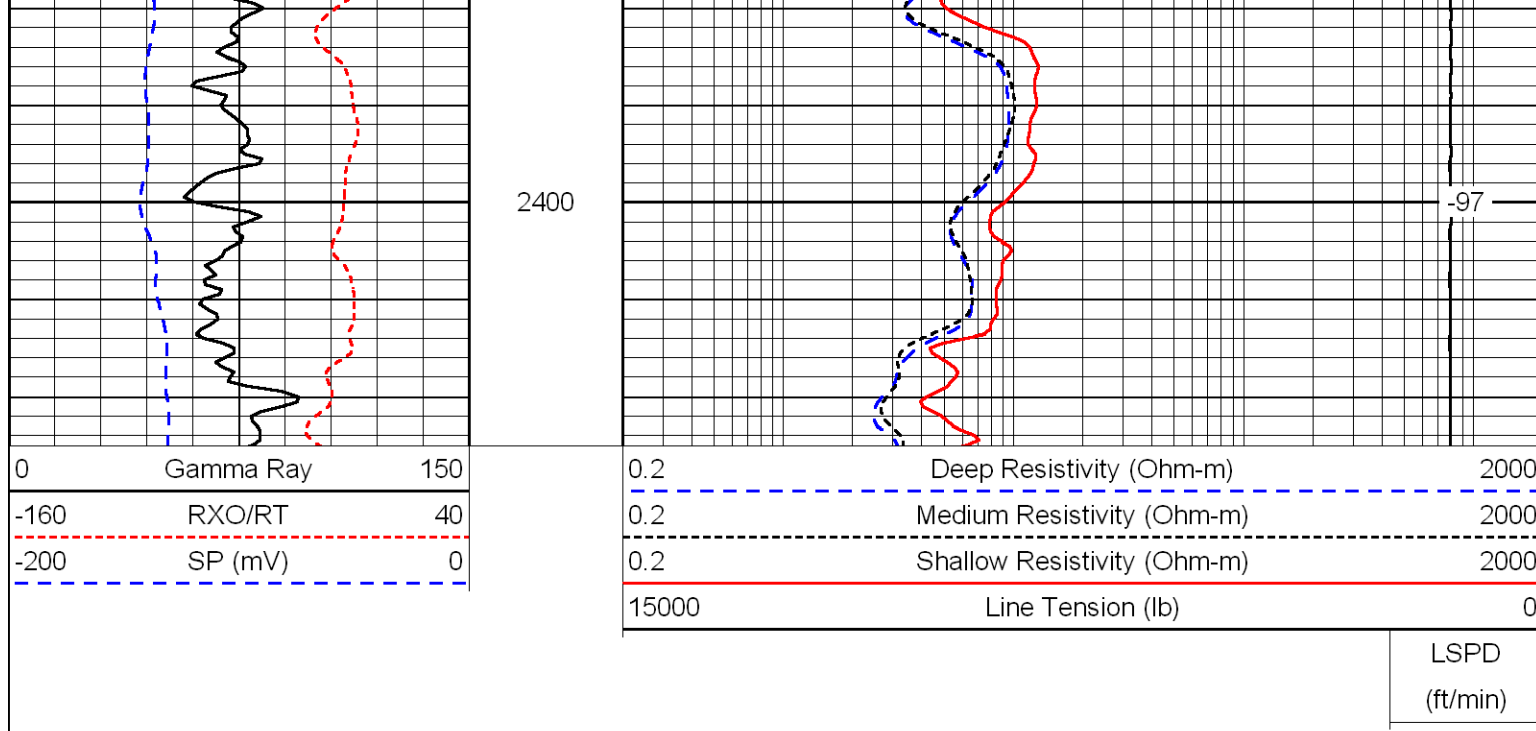
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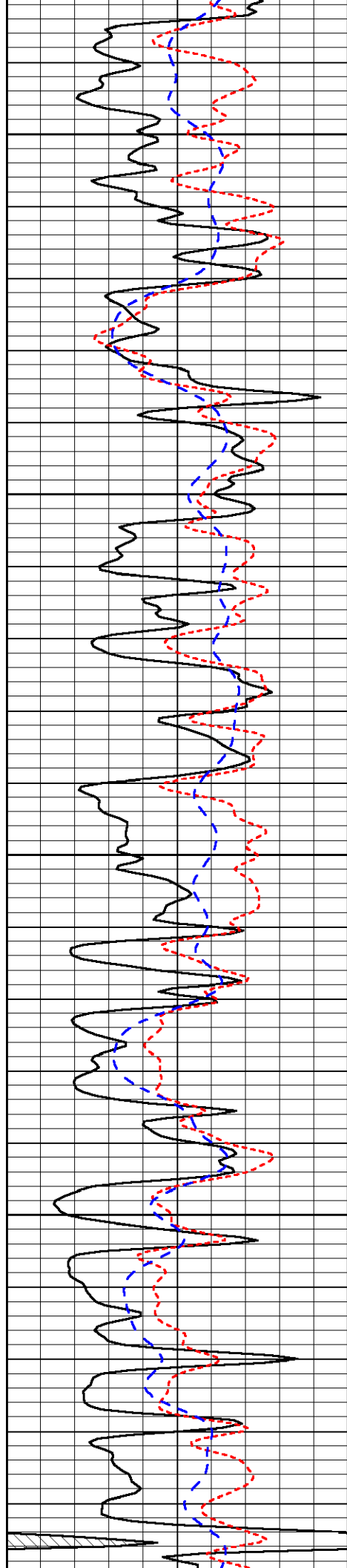
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 Charted by: Depth in Feet scaled 1:240





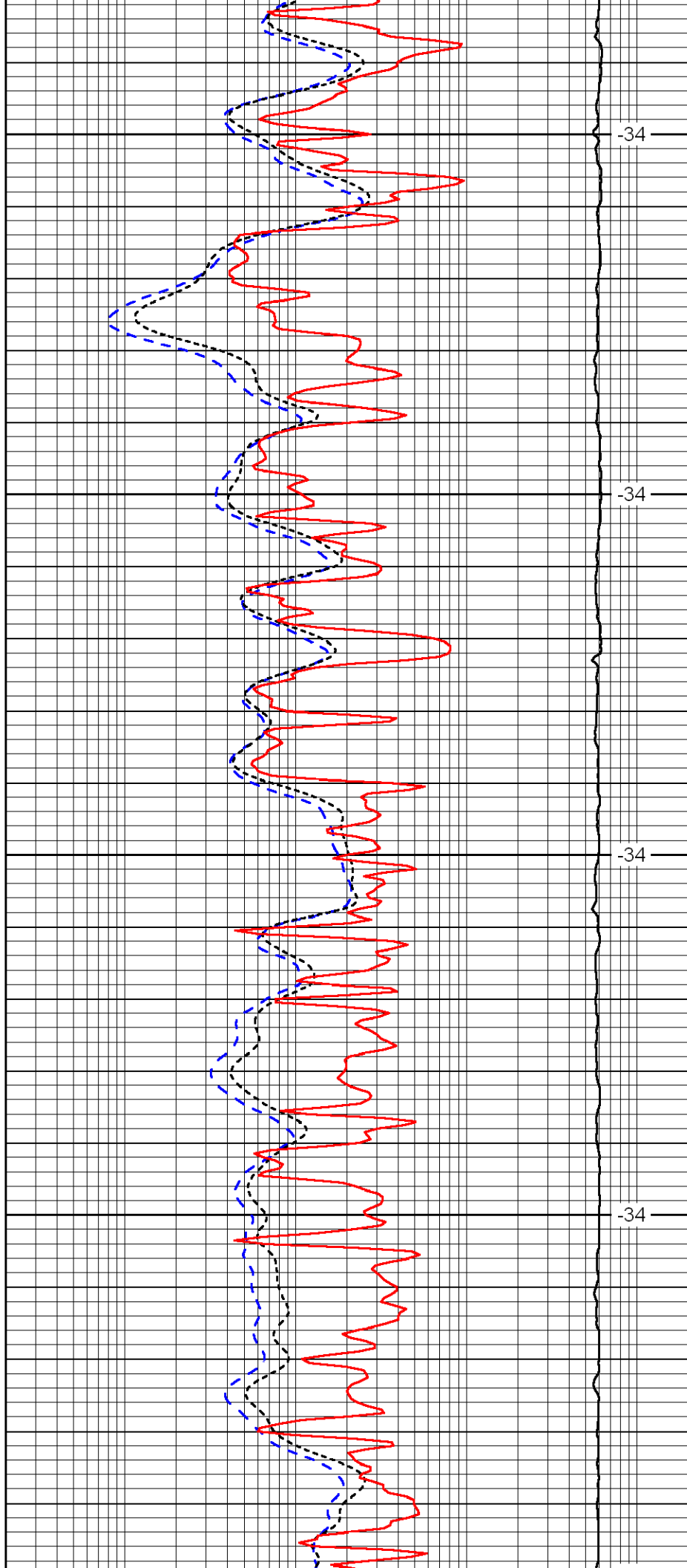


3600

3650

3700

3750

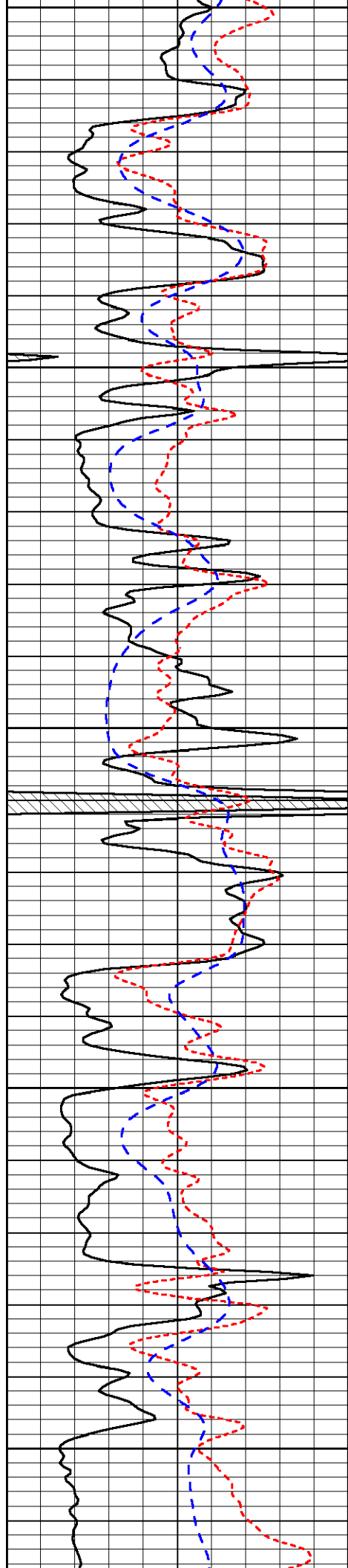


-34

-34

-34

-34



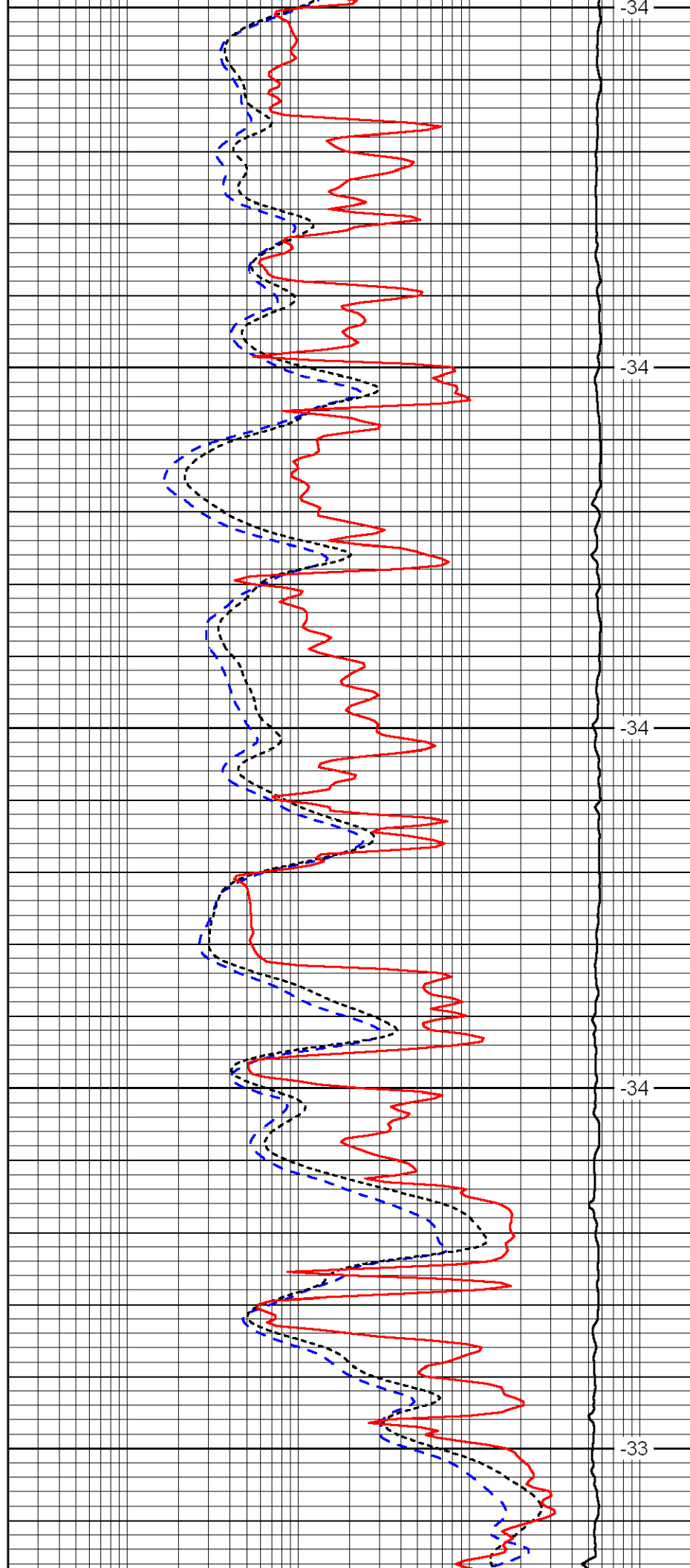
3800

3850

3900

3950

4000



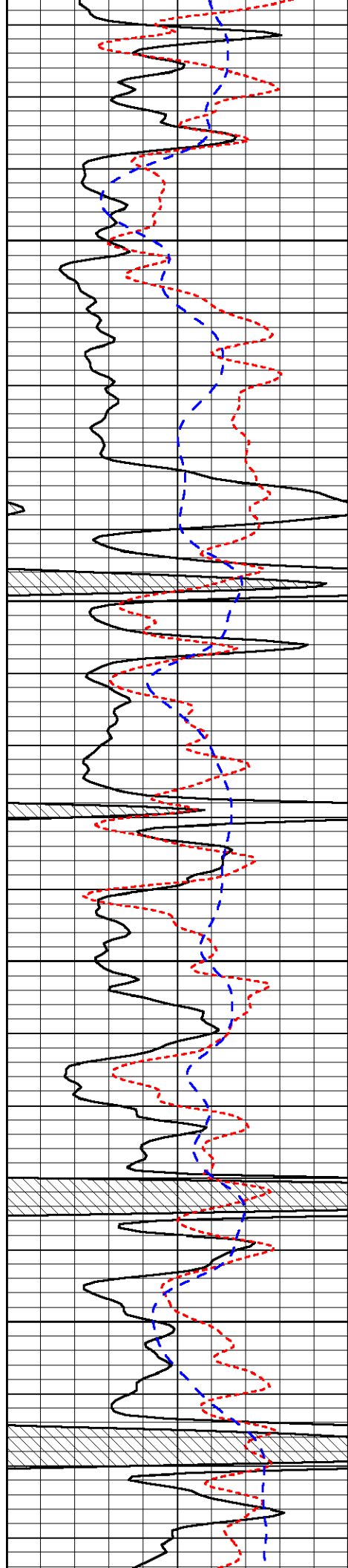
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-34

-34

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-33

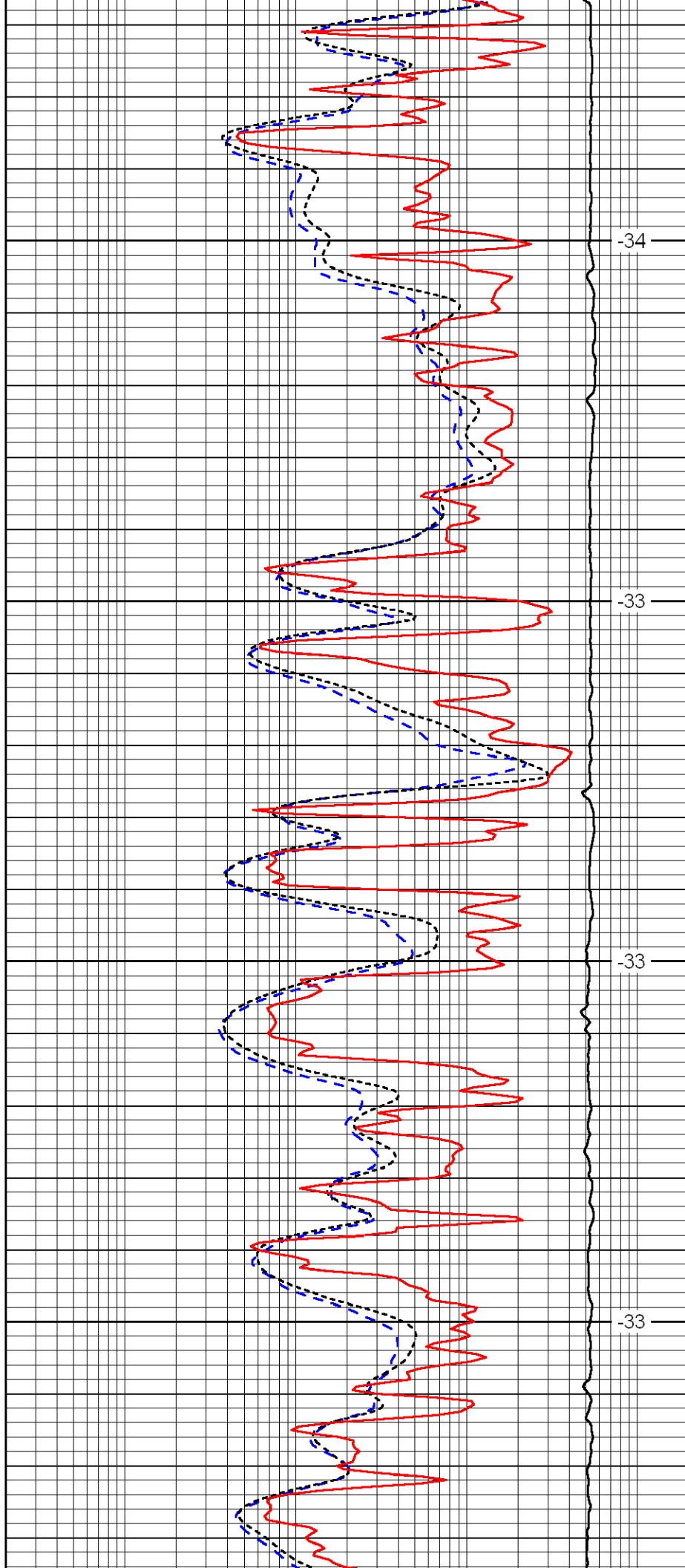


4050

4100

4150

4200

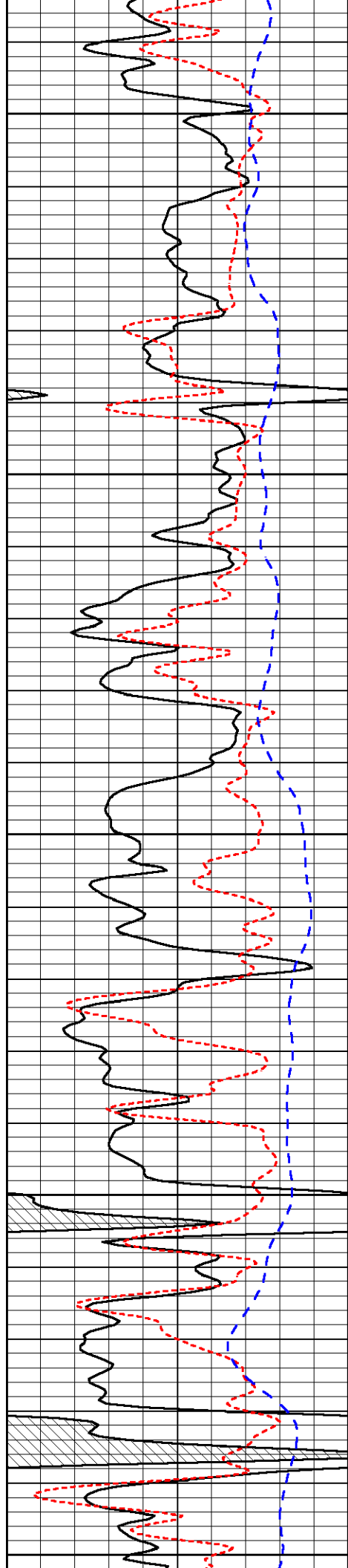


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-33



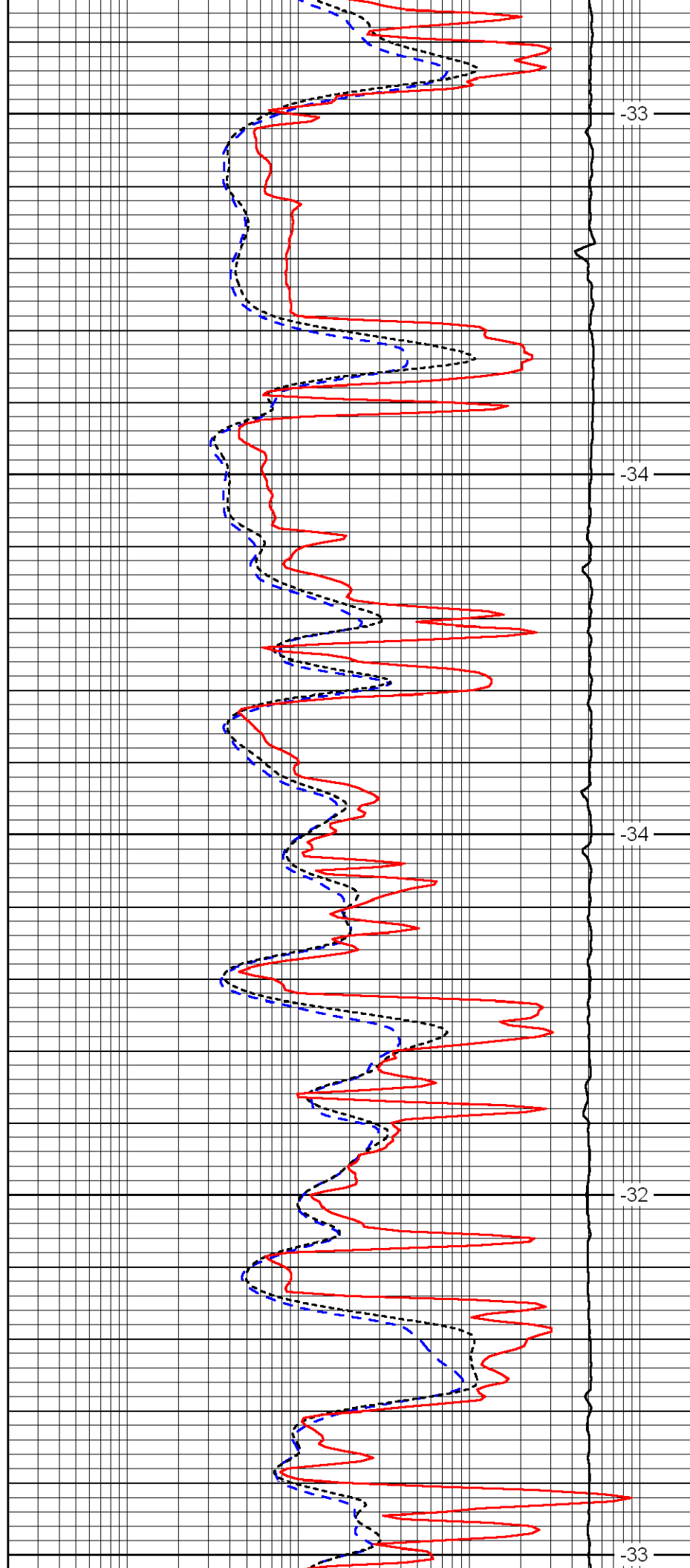
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4300

4350

4400

4450



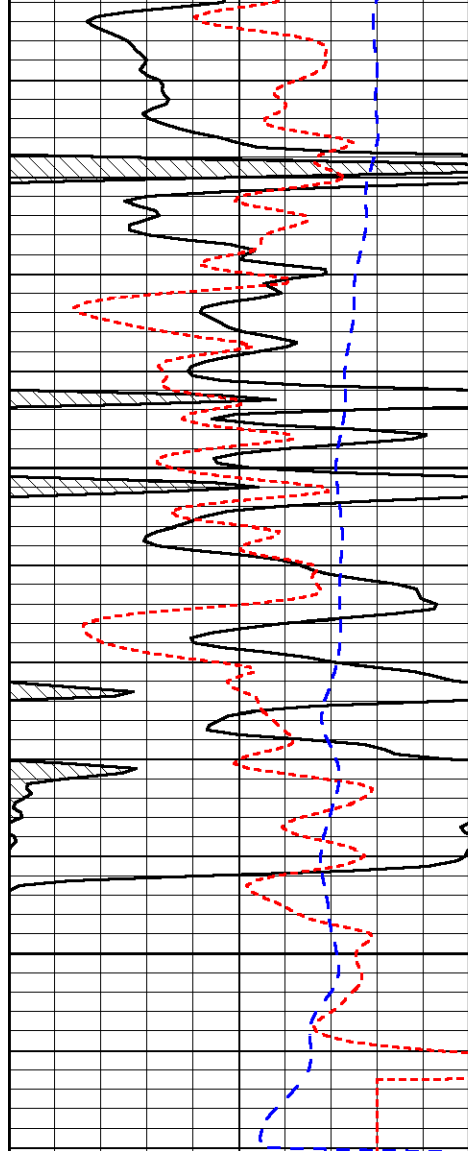
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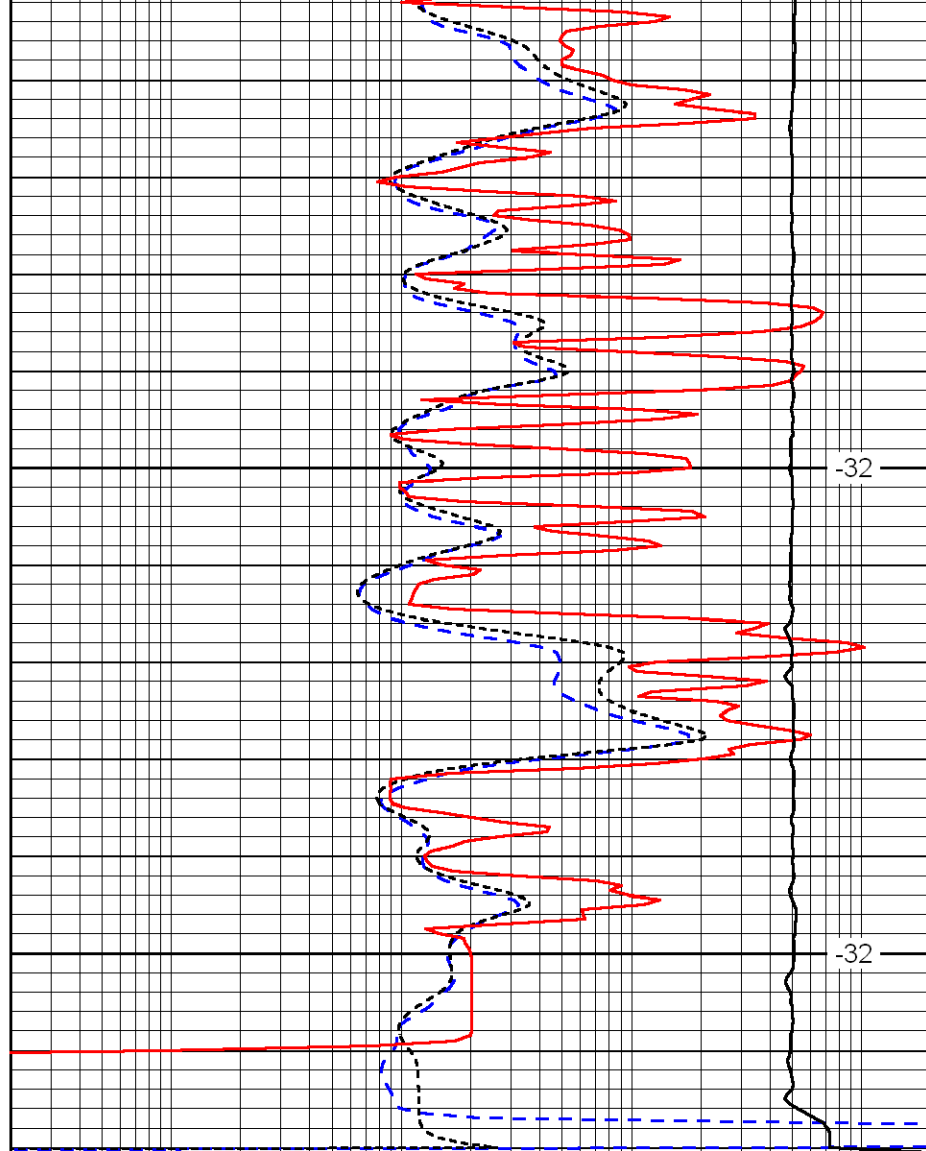
-33



4500

4550

0	Gamma Ray	150
-160	RXO/RT	40
-200	SP (mV)	0



-32

-32

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)