



DIGITAL LOG (785) 625-3858

Dual Induction Log

15-035-24,469-00-00

Company AAS Oil Company

Well Grainland B No.2

Field Gibson

County Cowley State Kansas

Location 330' FSL & 660' FEL

Sec: 20 Twp: 34 S Rge: 3 E

Permanent Datum Ground Level Elevation 1144
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Other Services
CNL/CDL
MEL
Elevation
K.B. 1152
D.F. 1144
G.L. 1144

Date 4/11/2012

Run Number One

Depth Driller 3464

Depth Logger 3464

Bottom Logged Interval 3463

Top Log Interval 300

Casing Driller 8.625 @ 307

Casing Logger 314

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 2300

Density / Viscosity 9.2 40

pH / Fluid Loss 9.0 9.6

Source of Sample Flowline

Rm @ Meas. Temp .97 @ 68

Rmf @ Meas. Temp .73 @ 68

Rmc @ Meas. Temp 1.31 @ 68

Source of Rmf / Rmc Charts

Rm @ BHT .58 @ 111

Operating Rig Time 4 Hours

Max Rec. Temp. F 111

Equipment Number 10

Location Hays

Recorded By D.Kerr

Witnessed By Dan Johnson

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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

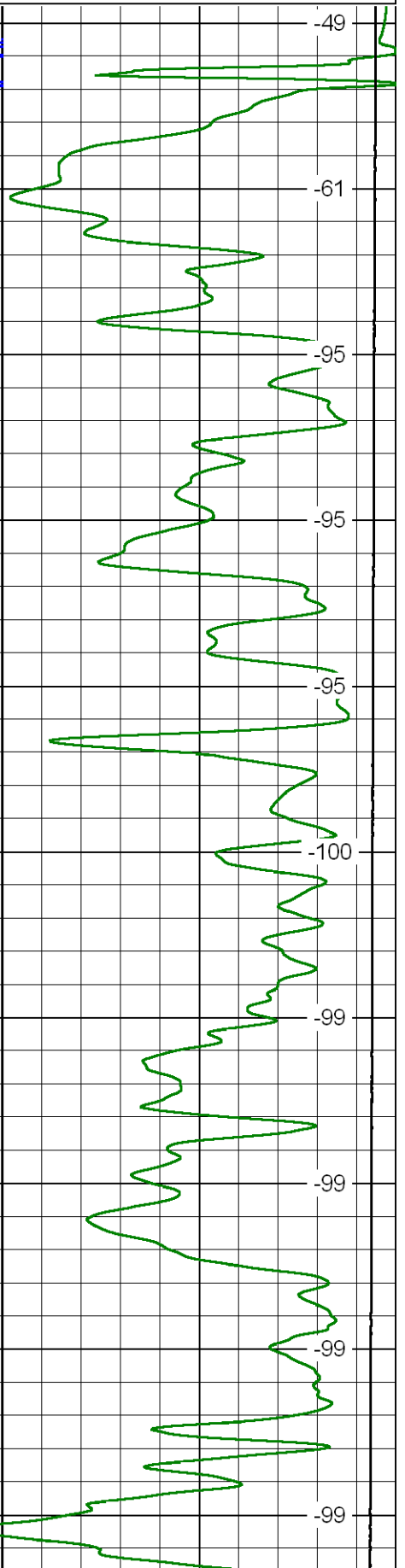
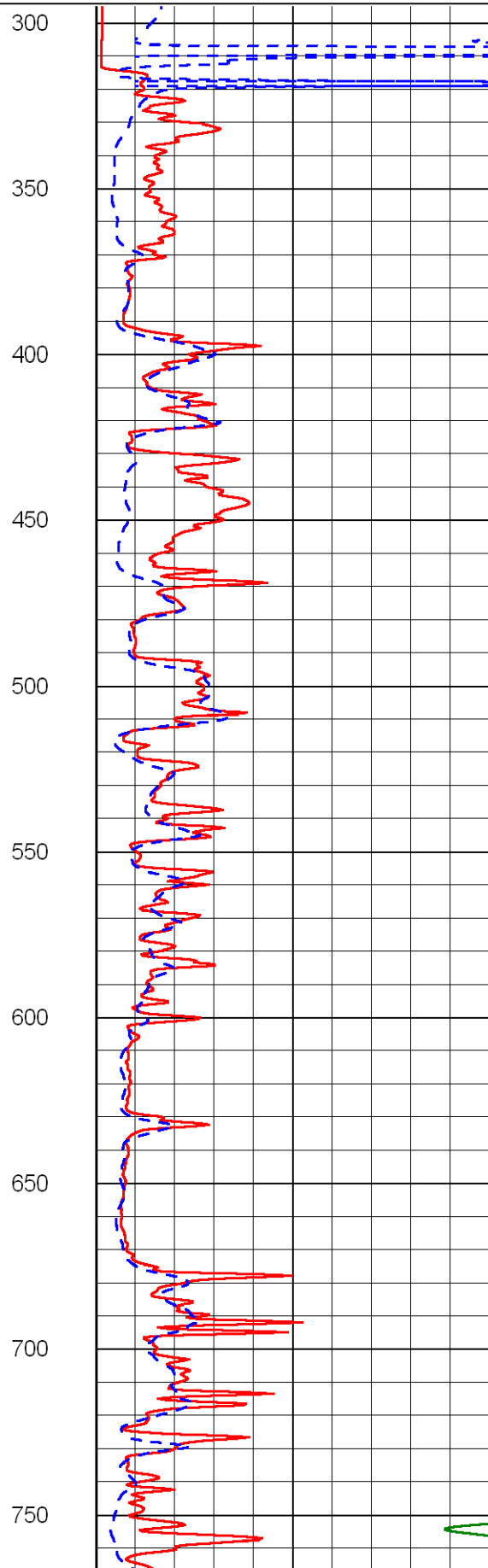
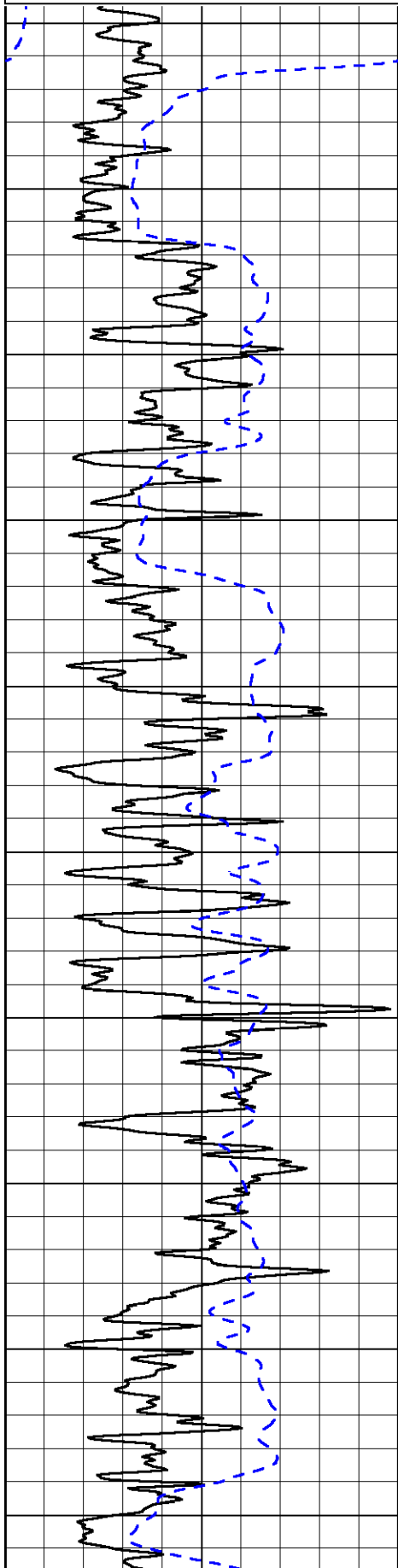
Thank you for using Log-Tech, Inc.
(785) 625-3858
South Haven and I 35,
West to Geuda Springs RD,
1 North, 1 3/4 East,
North Into

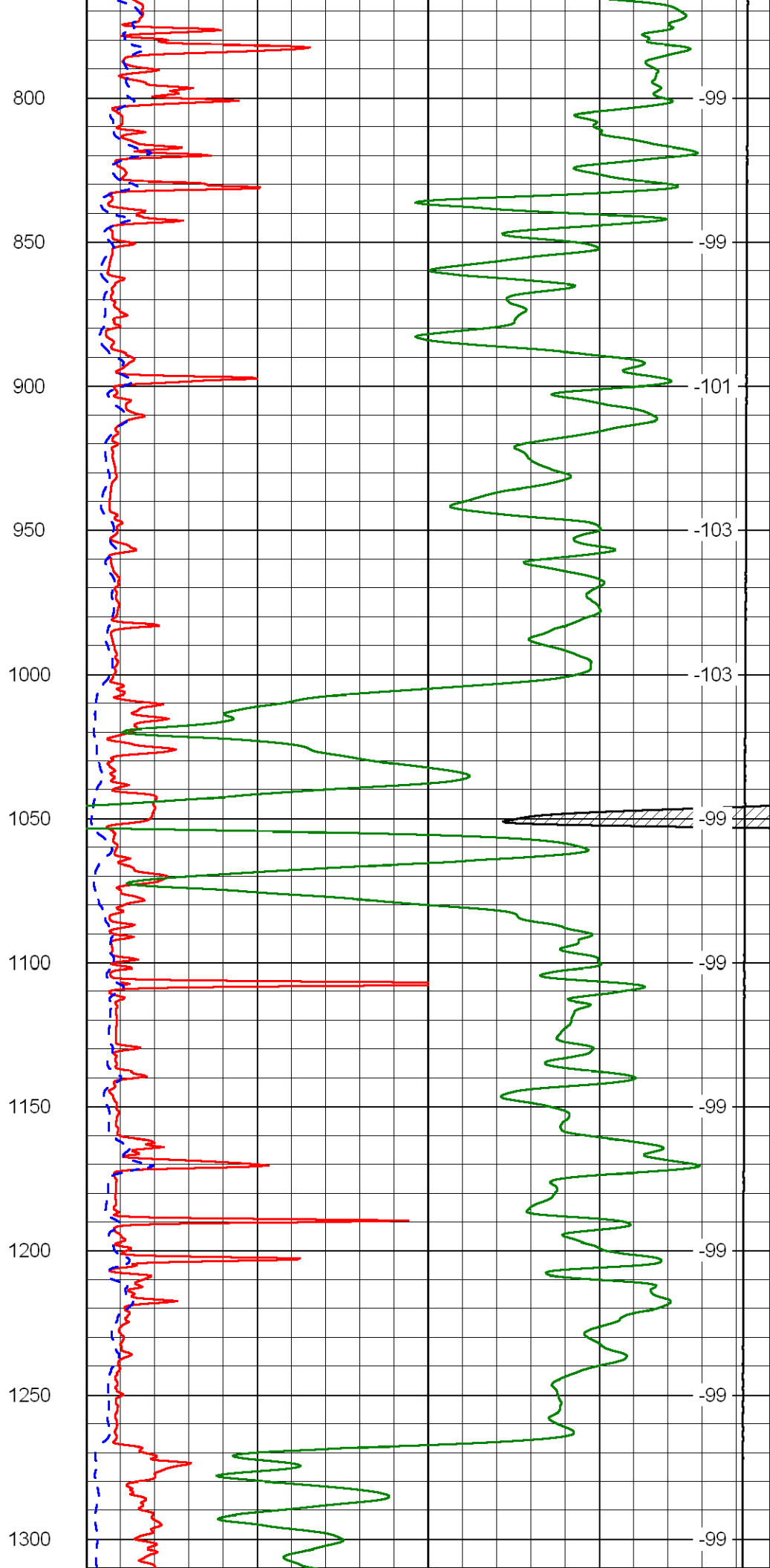
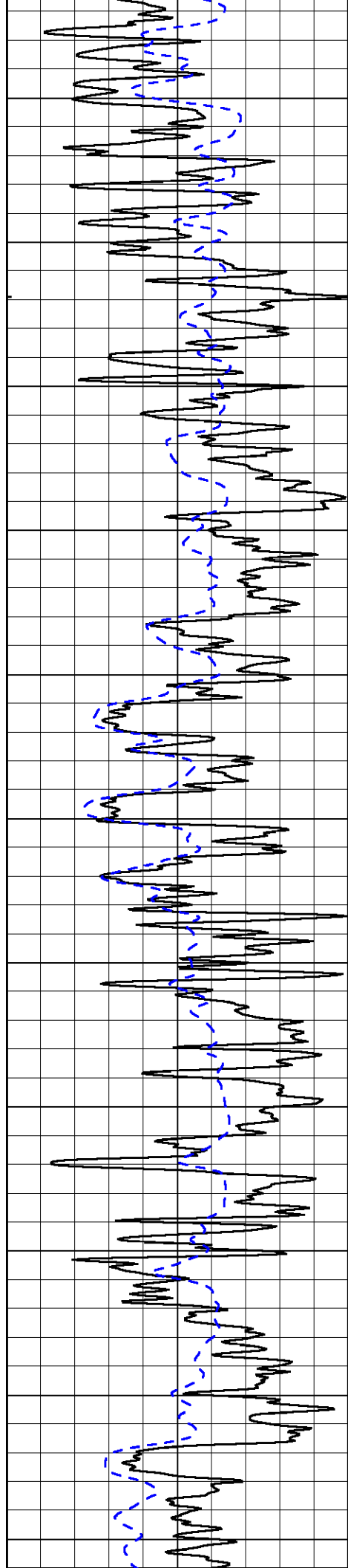
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Presentation Format: dil2in
Dataset Creation: Wed Apr 11 09:38:42 2012
Charted by: Depth in Feet scaled 1:600

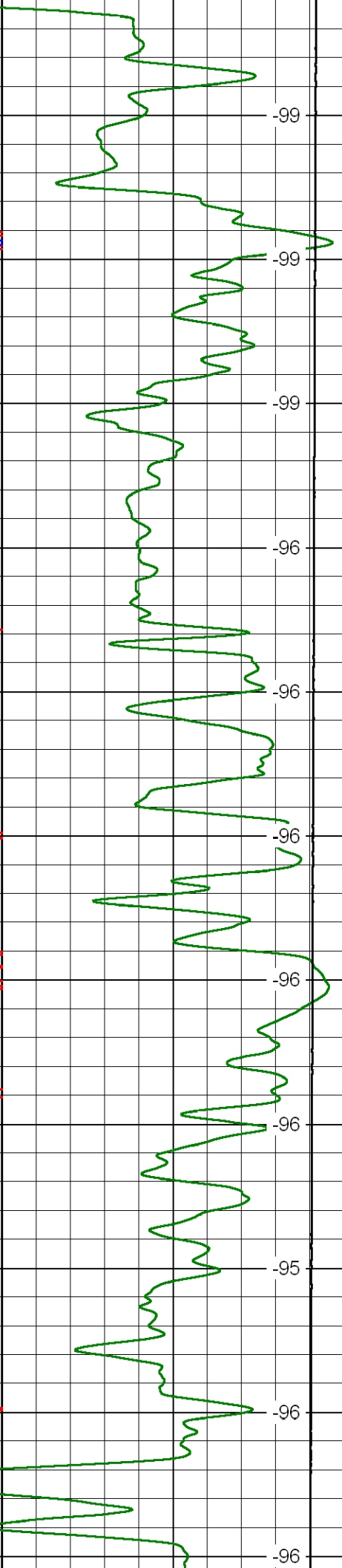
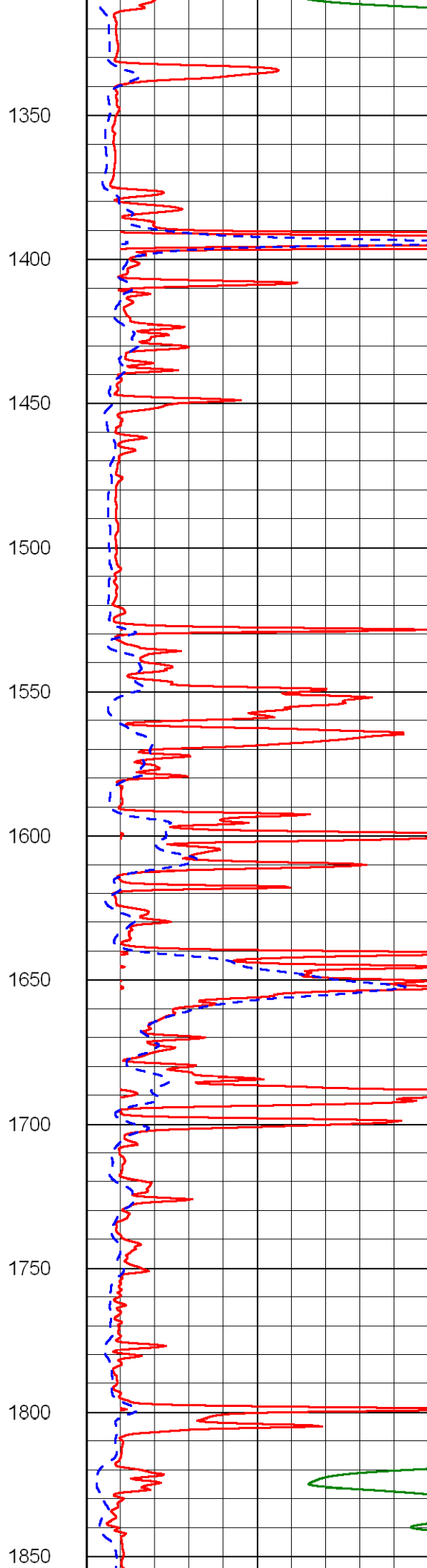
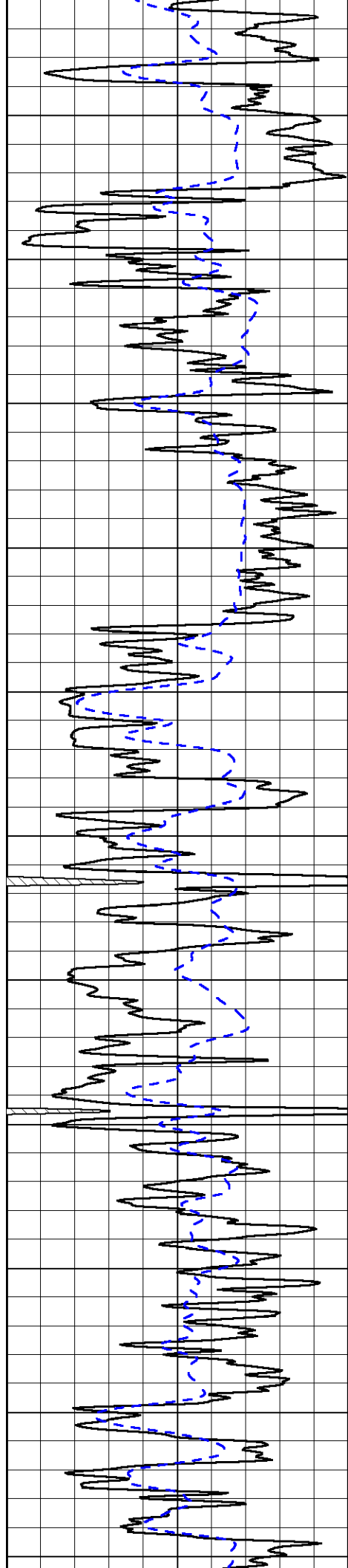
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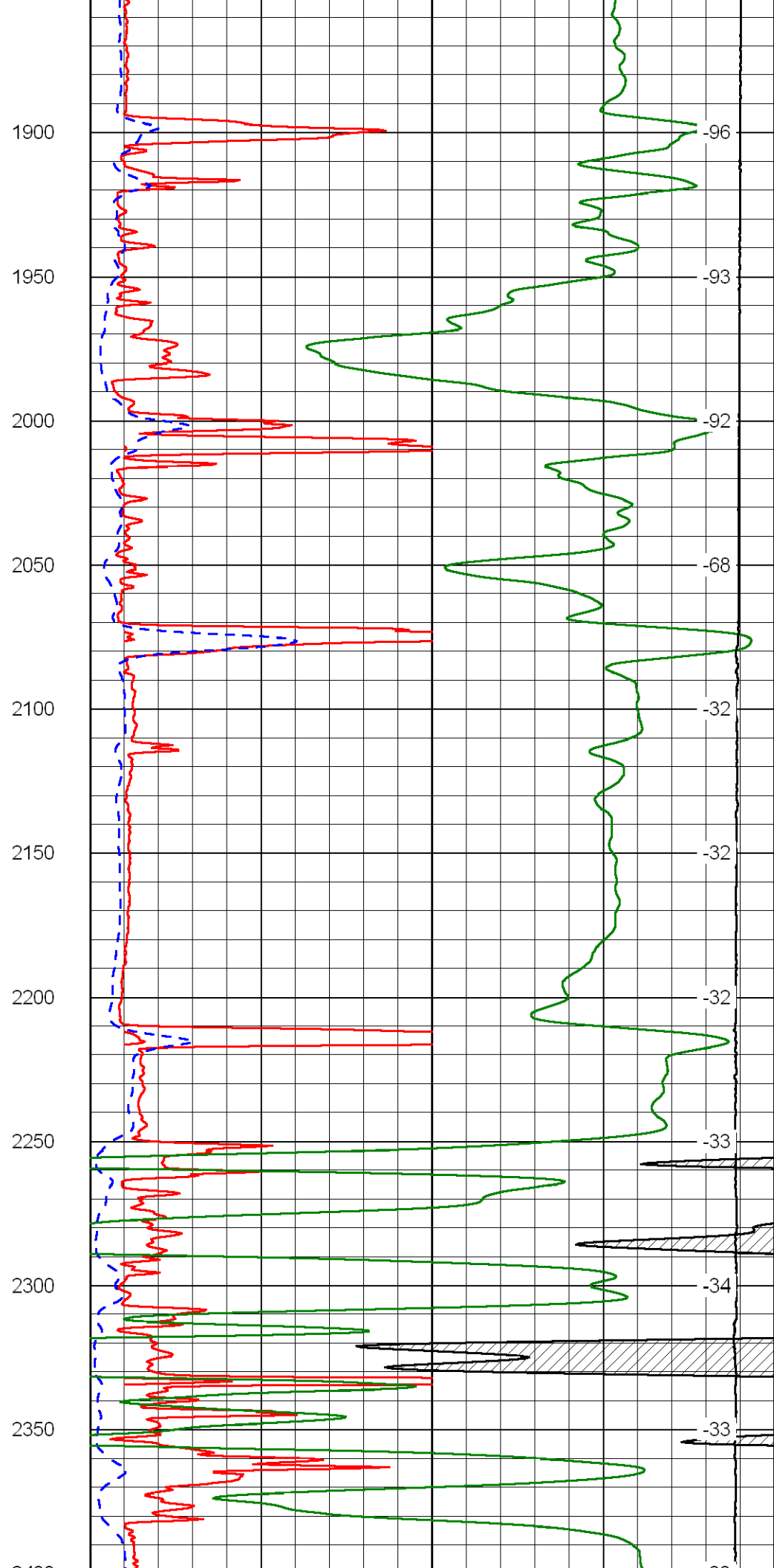
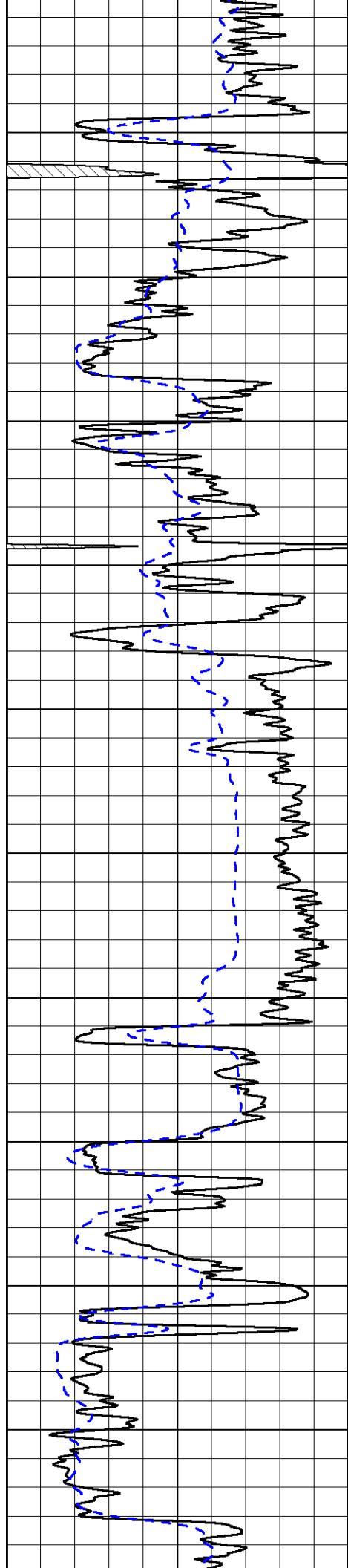
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0	Deep Resistivity	50
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15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

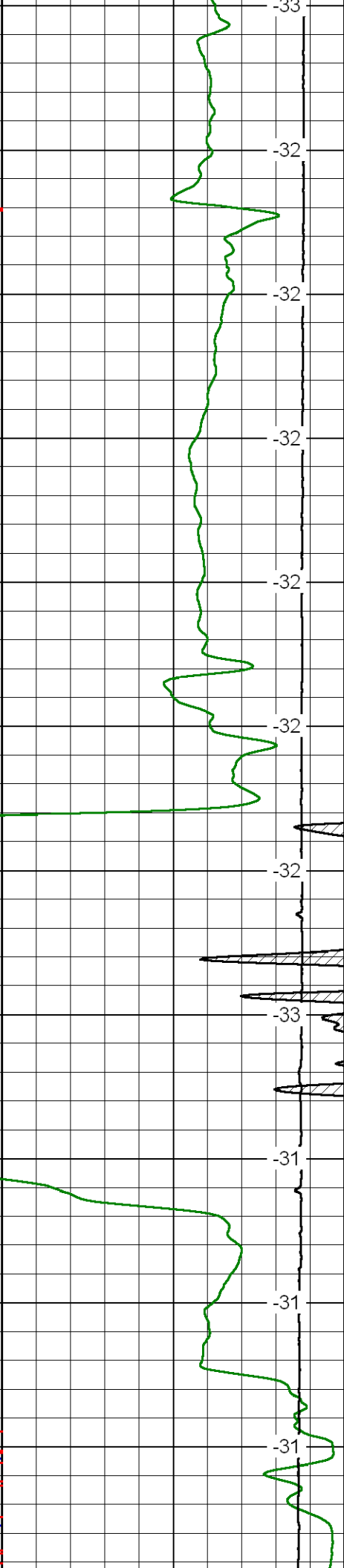
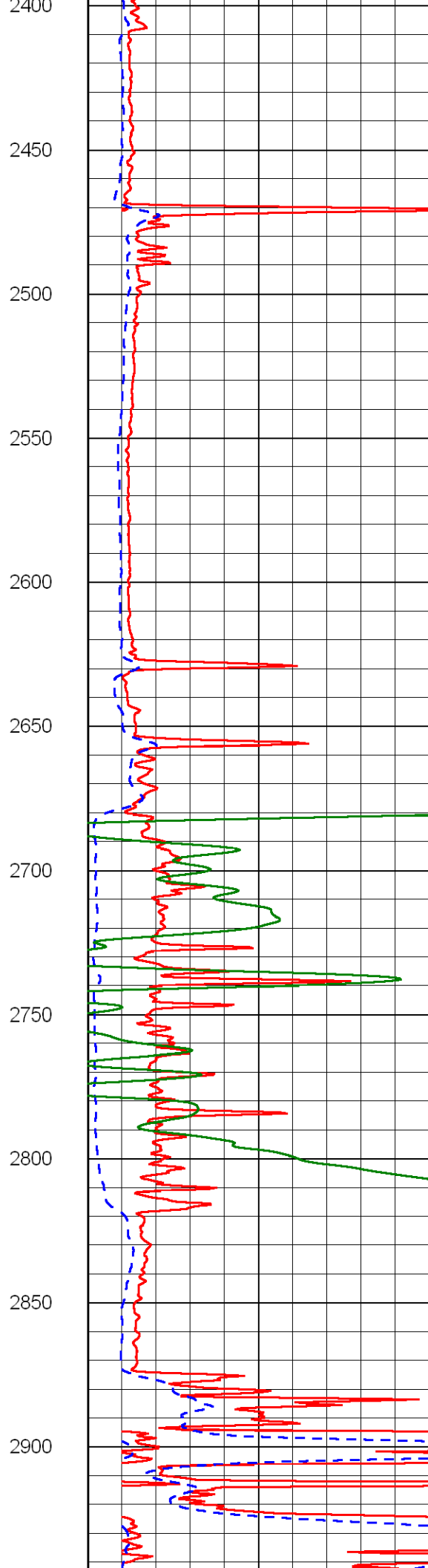
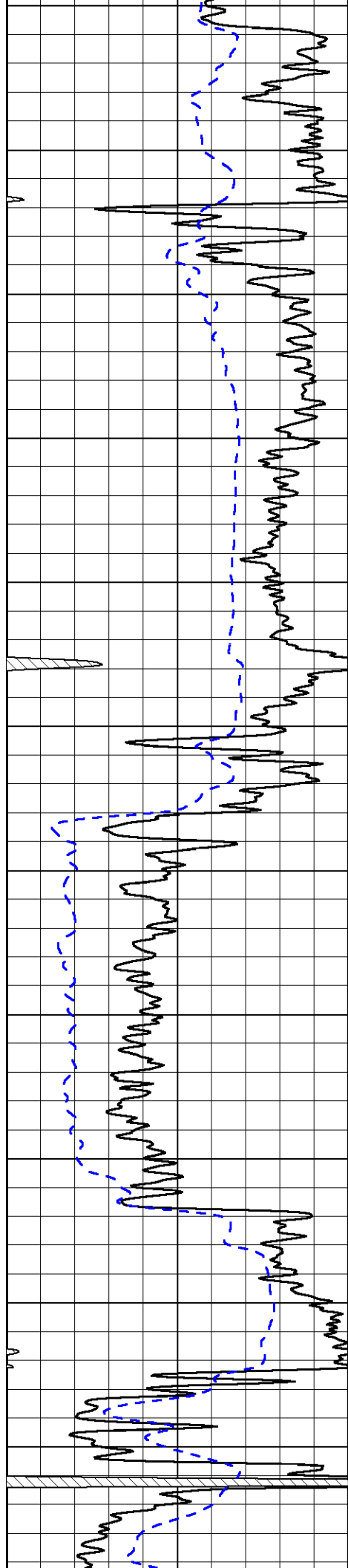
LSPD

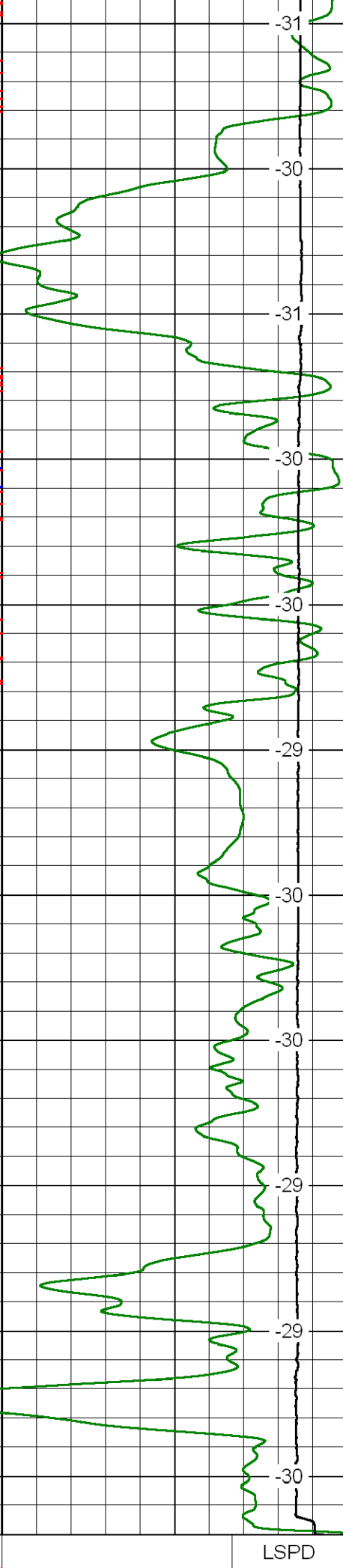
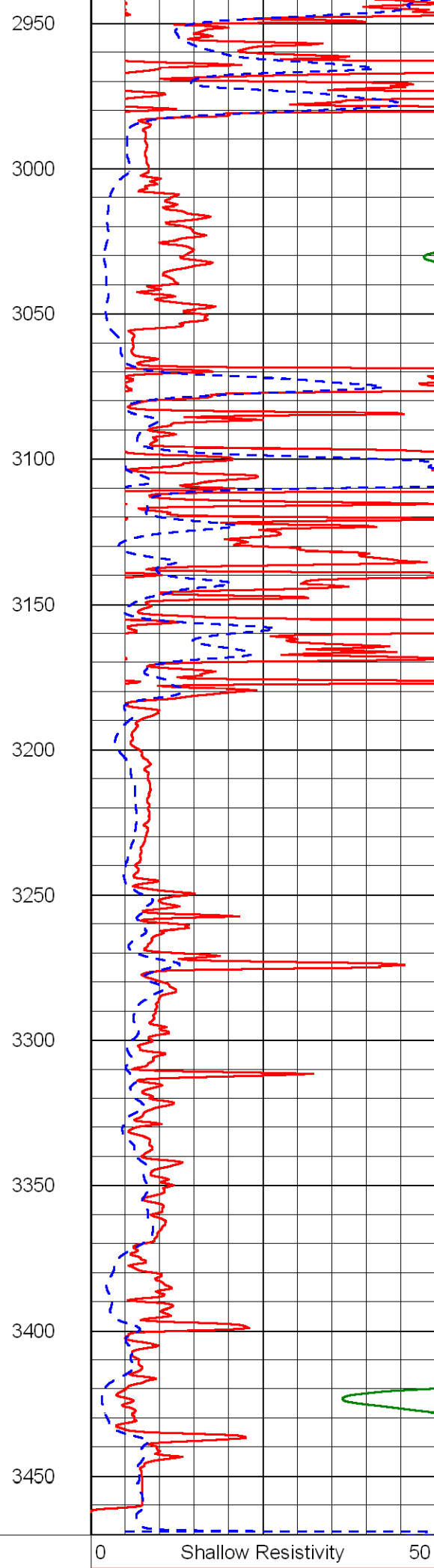
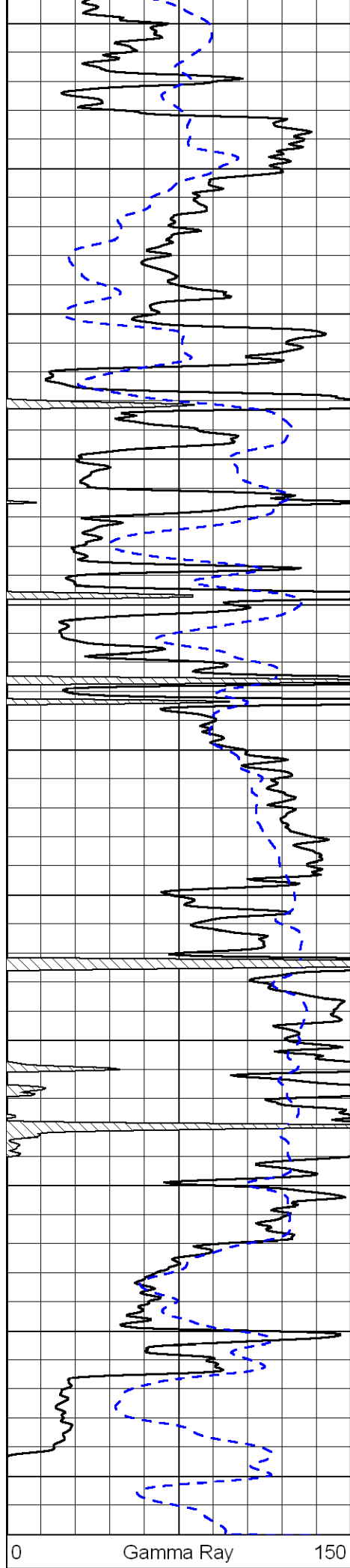












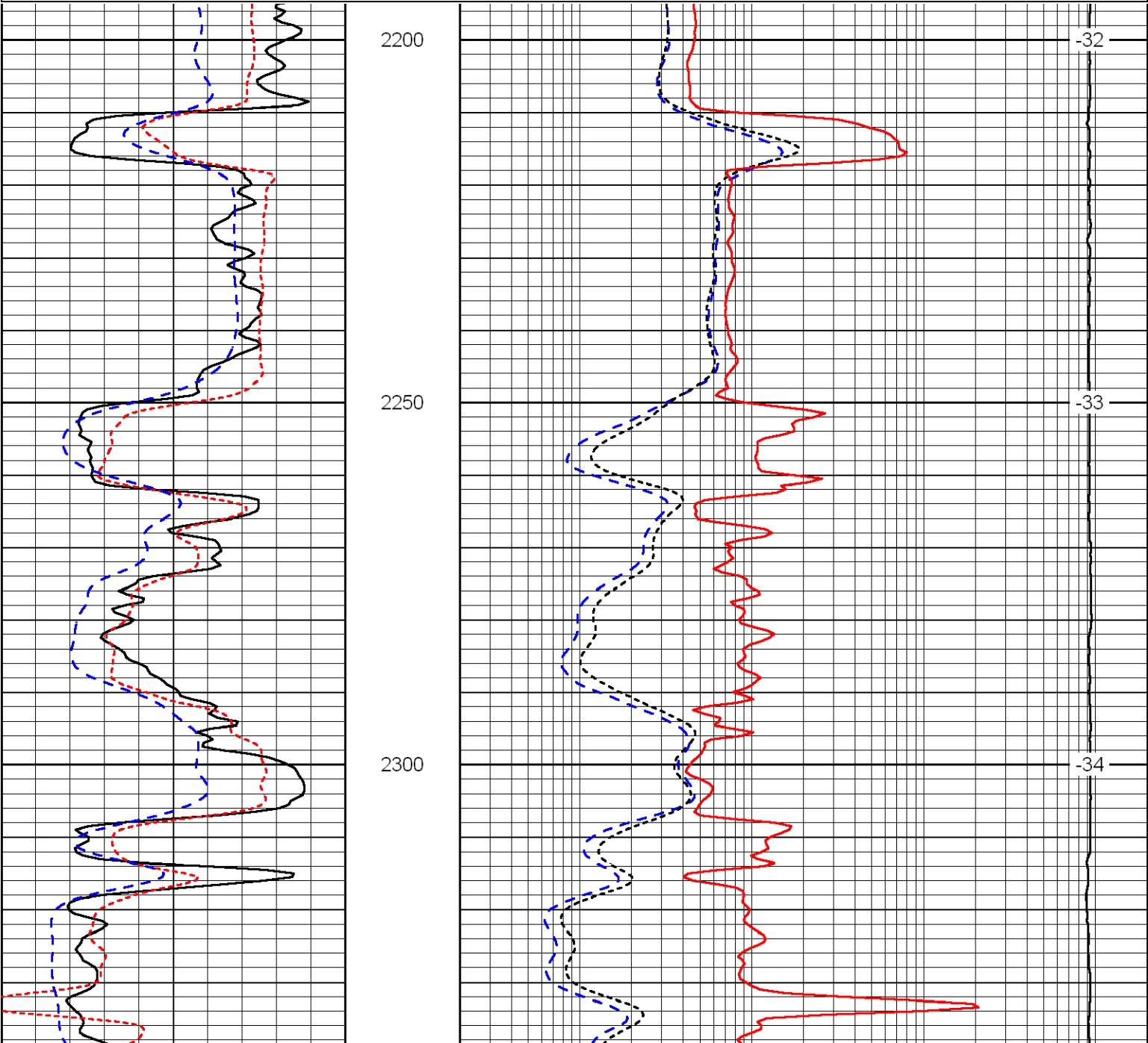
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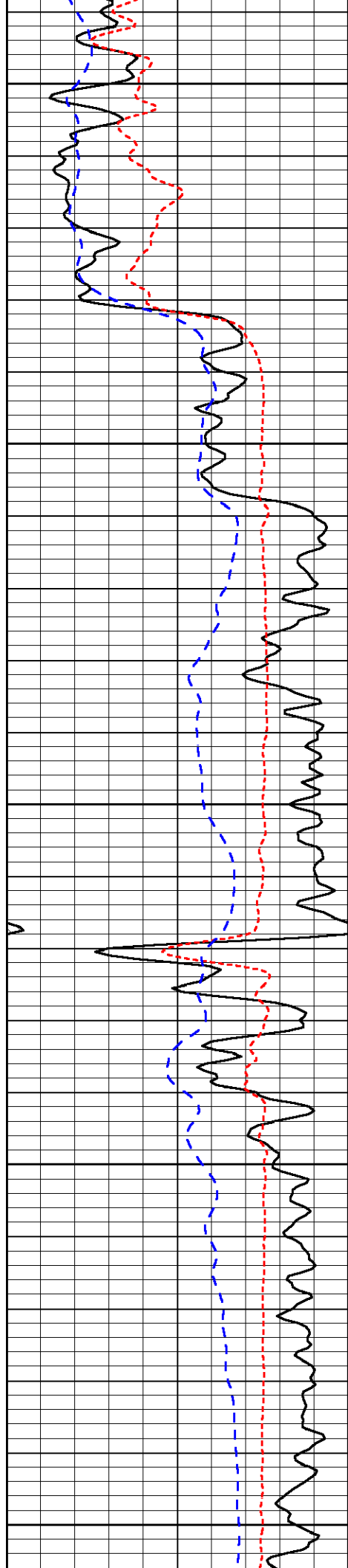
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1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

Database File:	aasoil_grainlandb_2hd.db
Dataset Pathname:	DIL/aasstk
Presentation Format:	dil
Dataset Creation:	Wed Apr 11 09:38:42 2012
Charted by:	Depth in Feet scaled 1:240

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

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0.2	Shallow Resistivity	2000
10000	Line Tension	0
		LSPD





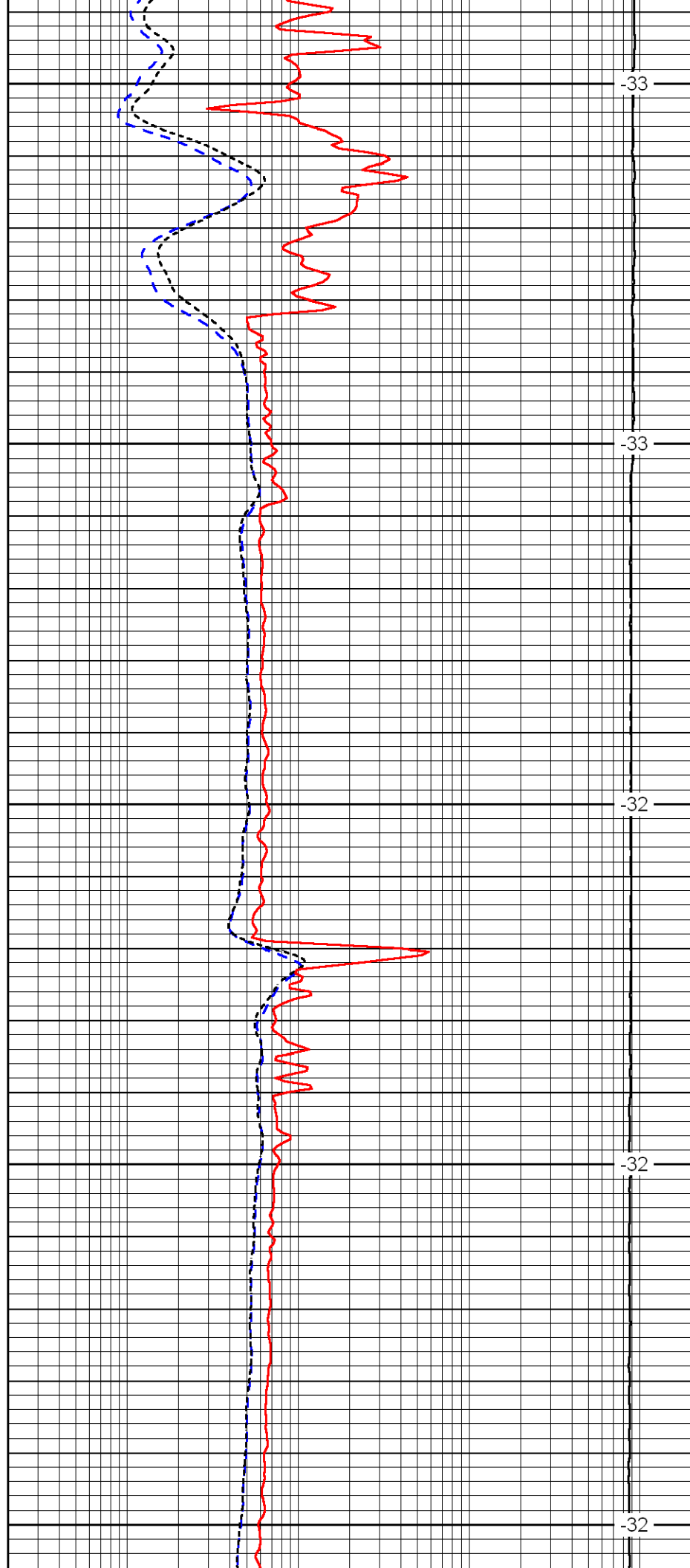
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2400

2450

2500

2550



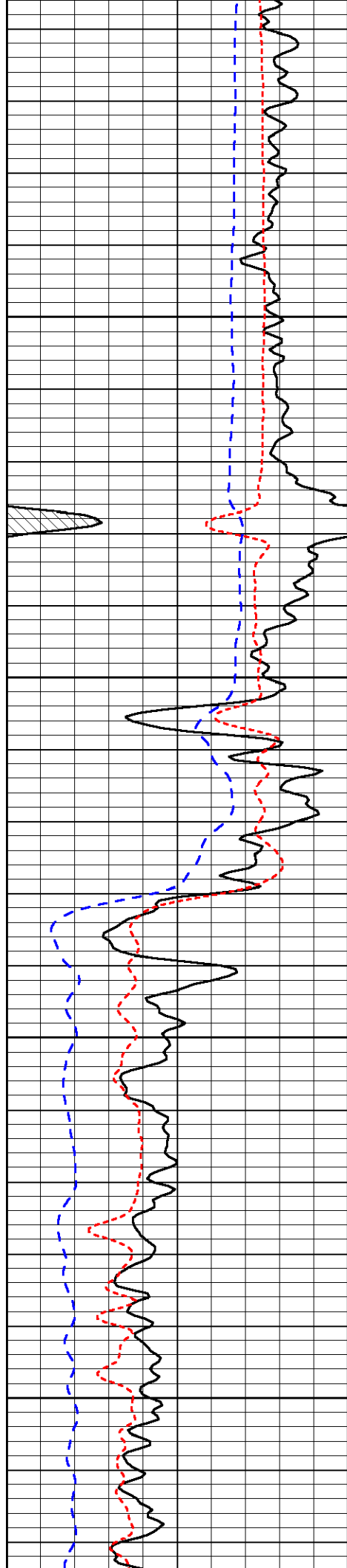
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-33

-32

-32

-32

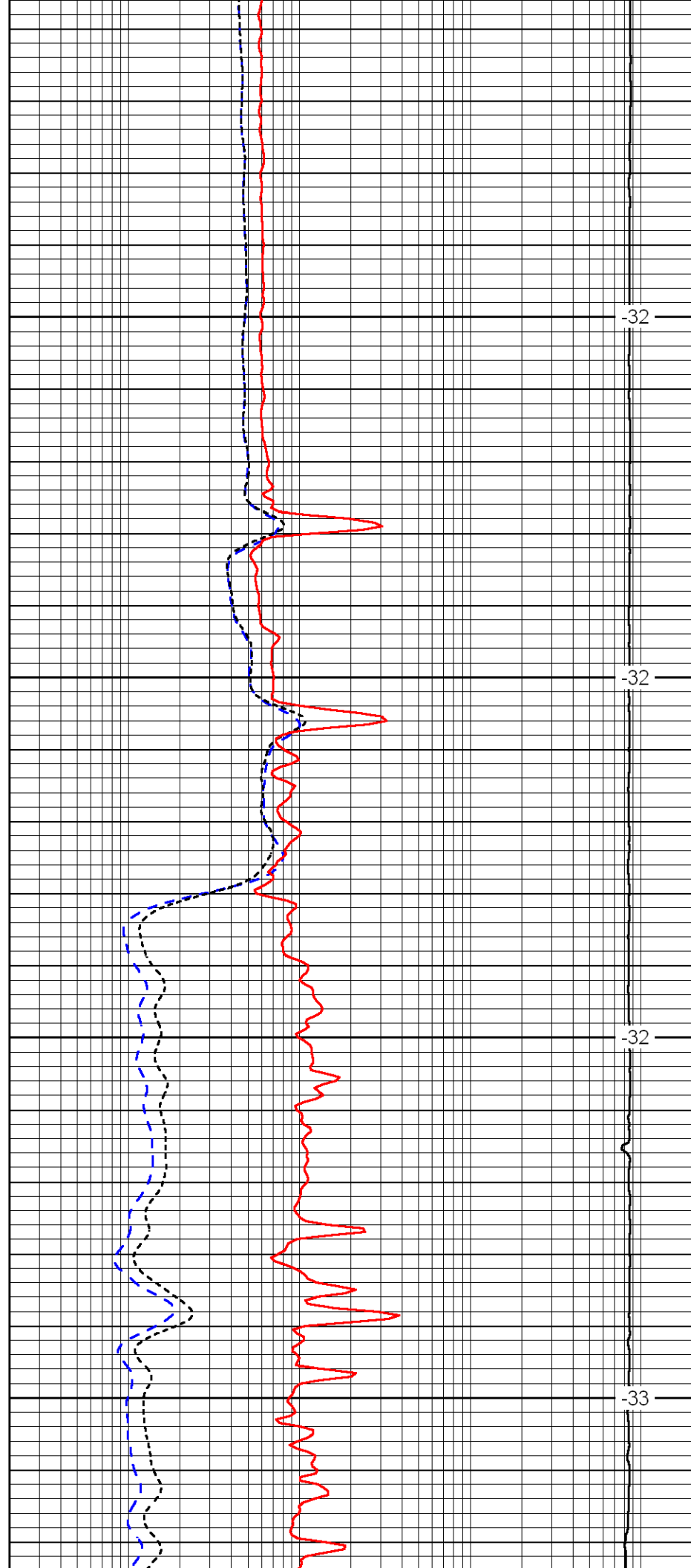


2600

2650

2700

2750

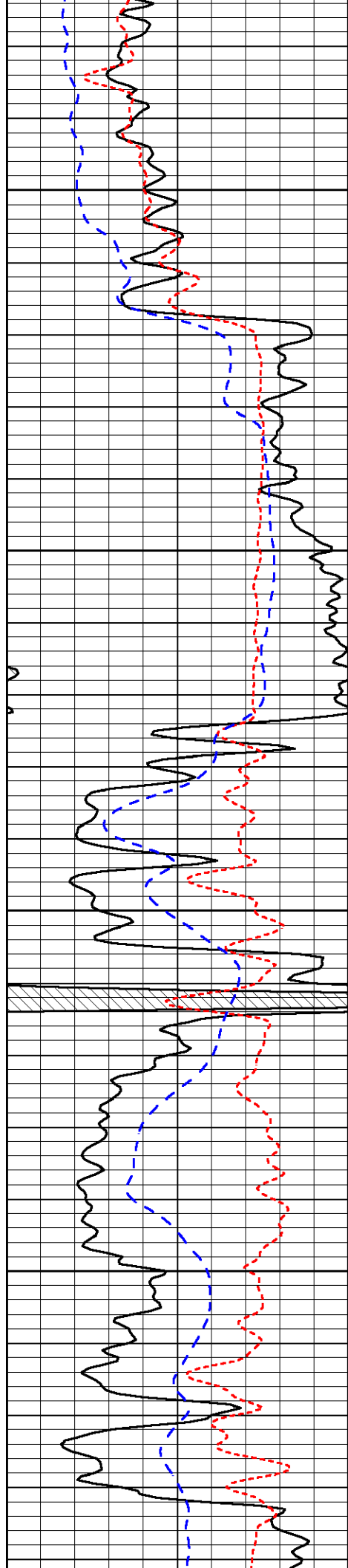


-32

-32

-32

-33

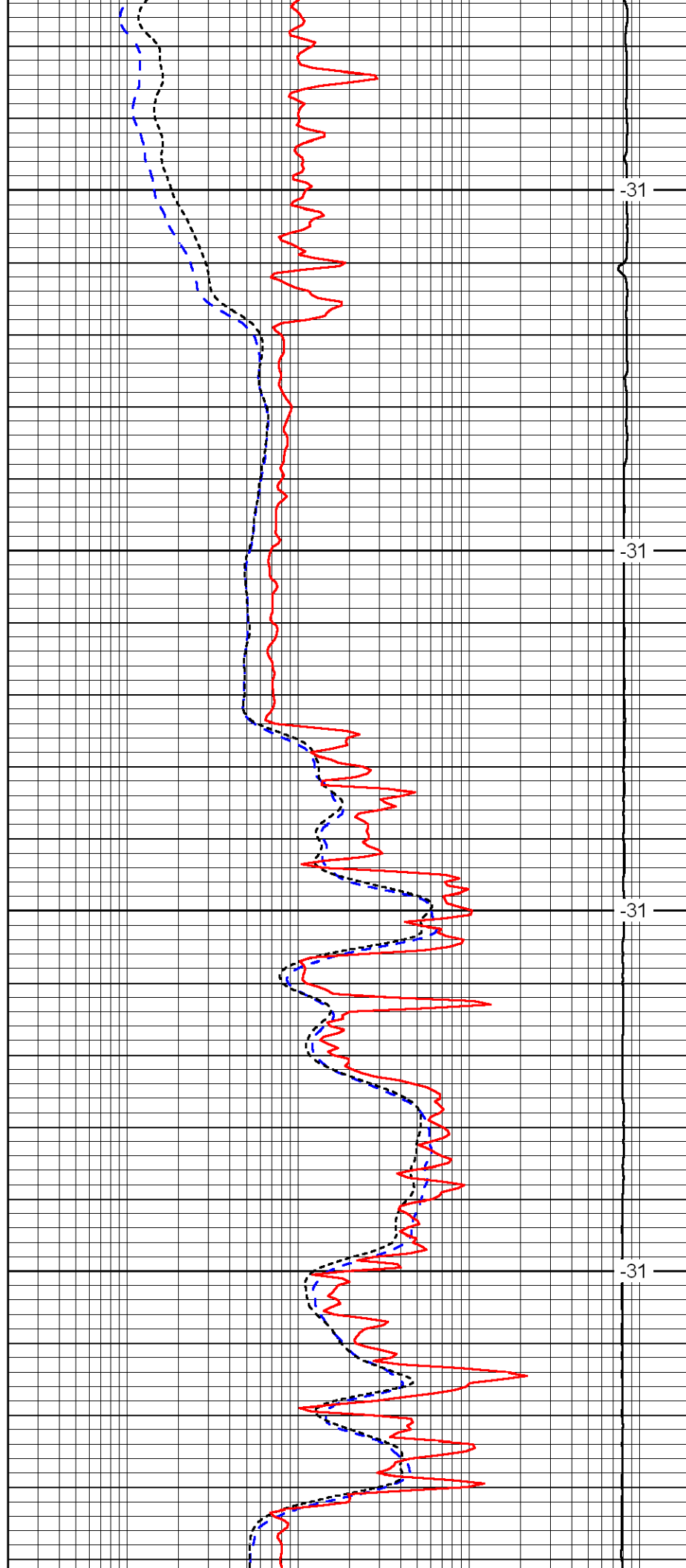


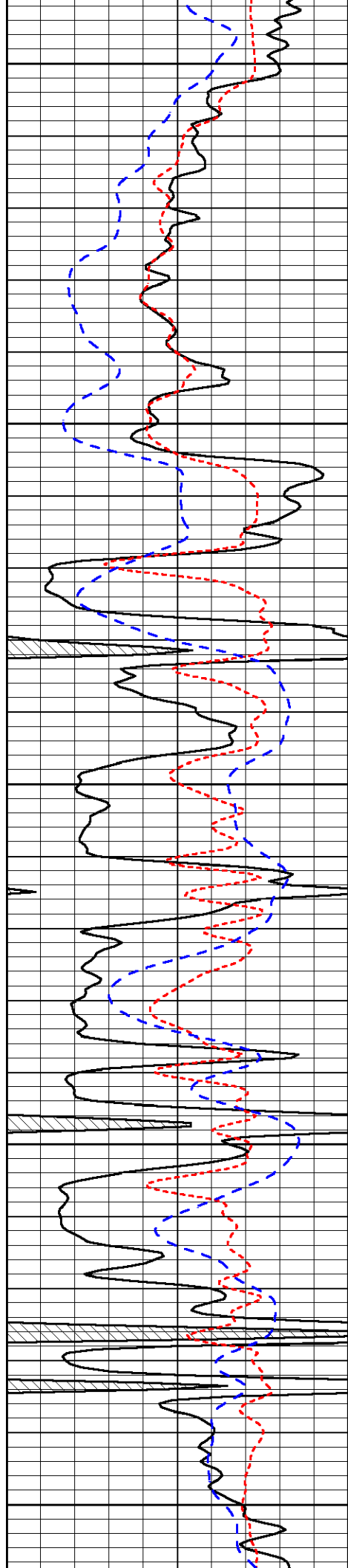
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2850

2900

2950





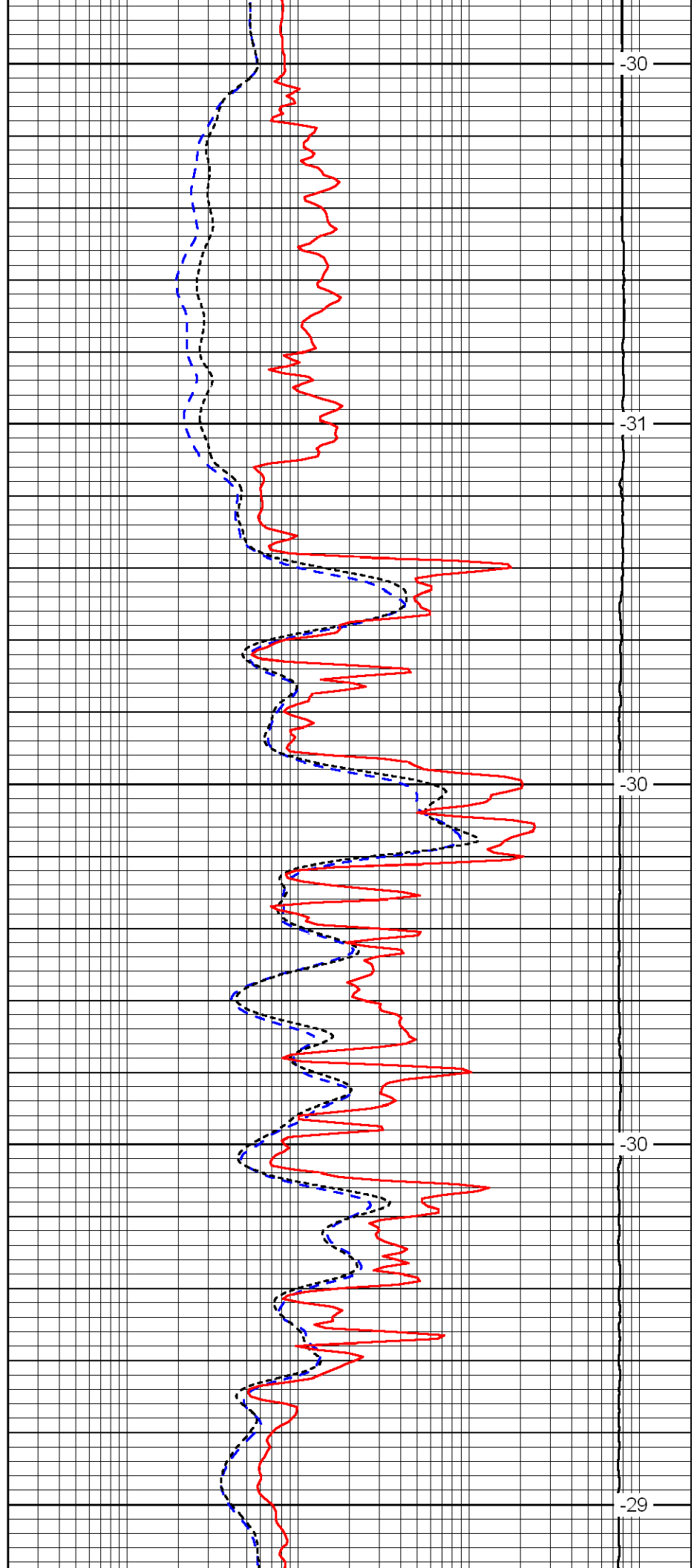
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3050

3100

3150

3200



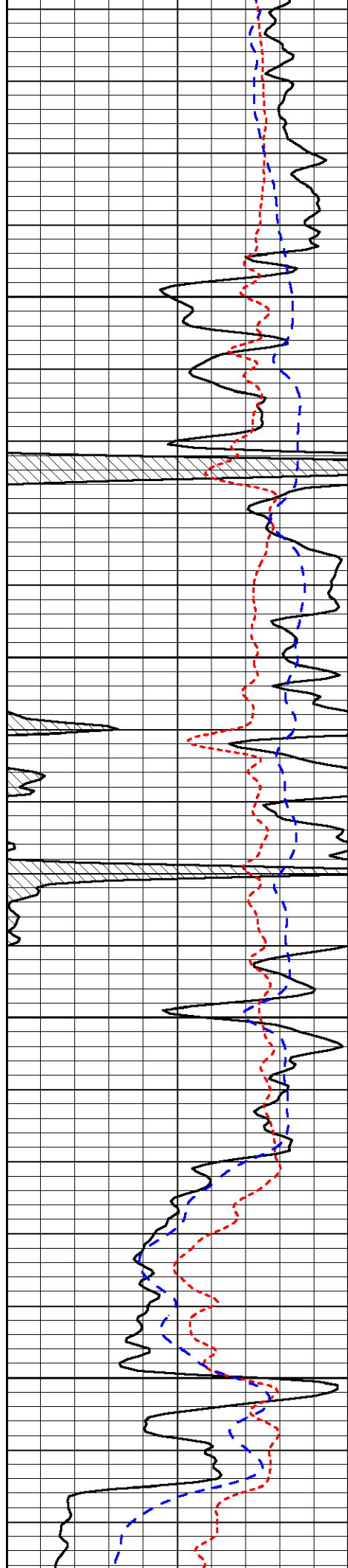
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-29

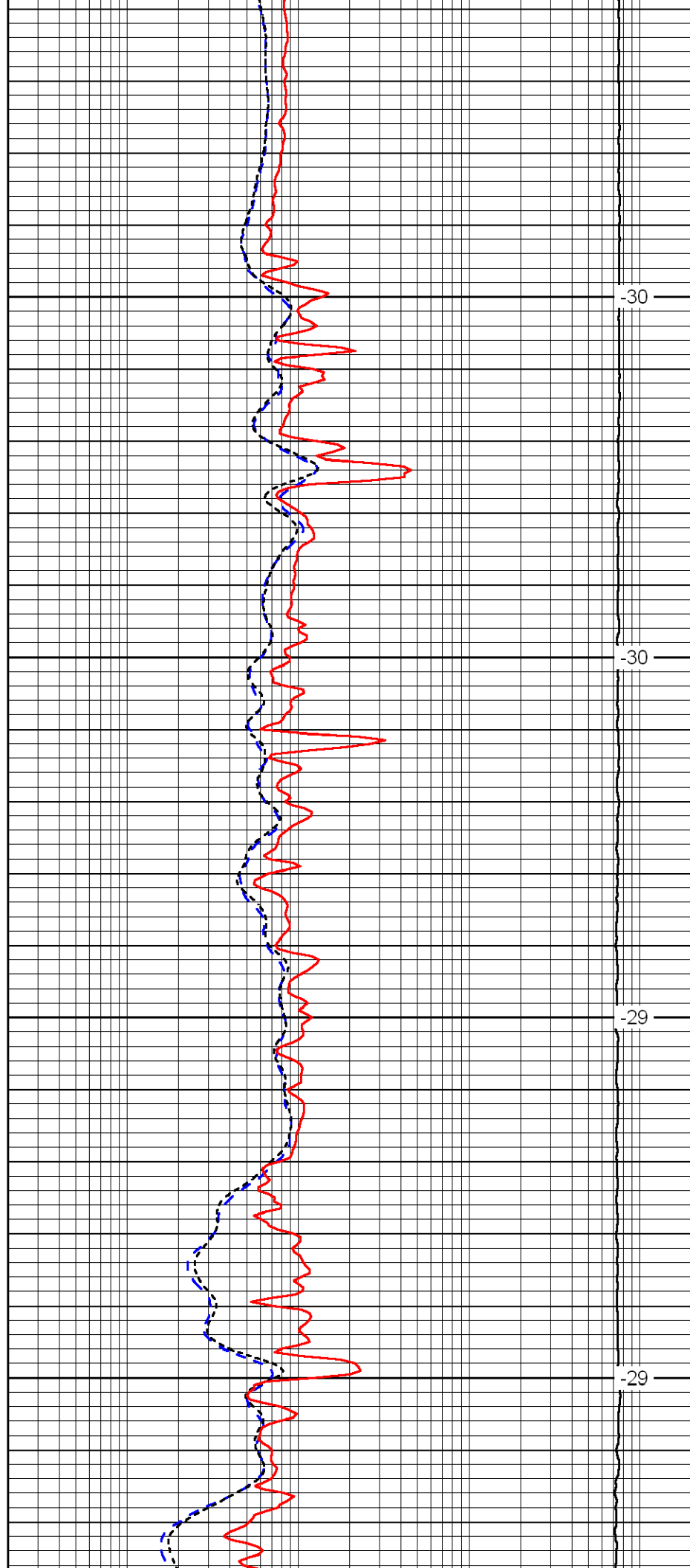


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3300

3350

3400

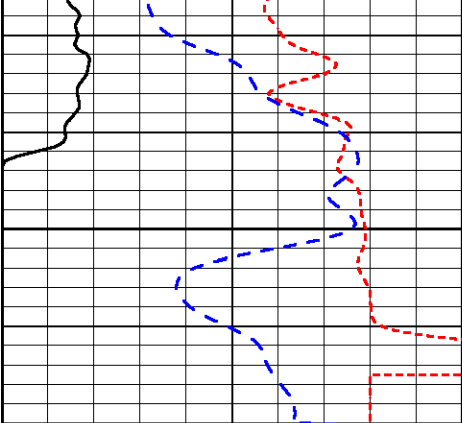


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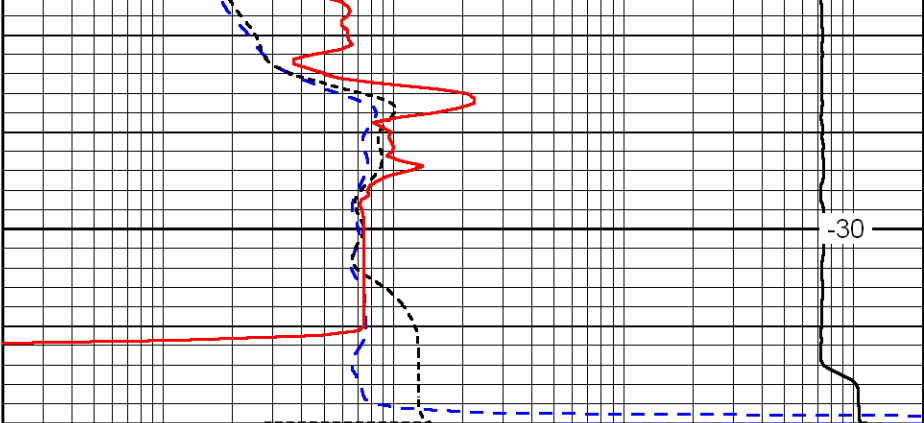
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-29



3450

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



-30

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

LSPD