



Pioneer Energy Services

Dual Induction Log

15-147-20735-00-00

API No.

Company **Gore Oil Company**

Well **Demuth #9**

Field **Ray**

County **Phillips**

State

Kansas

Location

2300' FSL & 1750' FWL

Other Services
CNL/CDL
MEL

Sec: **22**

Twp: **5S**

Rge: **20W**

Elevation

K.B. 2196

D.F. 2188

G.L. 2188

Elevation 2188

8 Ft. Above Perm. Datum

Date **05/30/2014**

Run Number **One**

Depth Driller **3660**

Depth Logger **3661**

Bottom Logged Interval **3660**

Top Log Interval **250**

Casing Driller **8.625 @ 262**

Casing Logger **263**

Bit Size **7.875**

Type Fluid in Hole **Chemical**

Salinity,ppm CL **1300**

Density / Viscosity **9.1 54**

pH / Fluid Loss **10.0 7.6**

Source of Sample **Flowline**

Rm @ Meas. Temp **0.90 @ 79**

Rmf @ Meas. Temp **0.68 @ 79**

Rmc @ Meas. Temp **1.21 @ 79**

Source of Rmf / Rmc **Charts**

Rm @ BHT **0.62 @ 115**

Operating Rig Time **3 Hours**

Max Rec. Temp. F **115**

Equipment Number **91**

Location **Hays**

Recorded By **D. Schmitt**

Witnessed By **Chuck Schmalz**

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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
 Logan,
 South to Big Bear Rd,
 1/2 South, 1/4 East,
 North and East Into

Database File: c:\warrior\data\gore_demuth #9\gore_demuth_9hd.db
 Dataset Pathname: dil\gostkml
 Presentation Format: dil2in
 Dataset Creation: Sat May 31 01:15:47 2014
 Charted by: Depth in Feet scaled 1:600

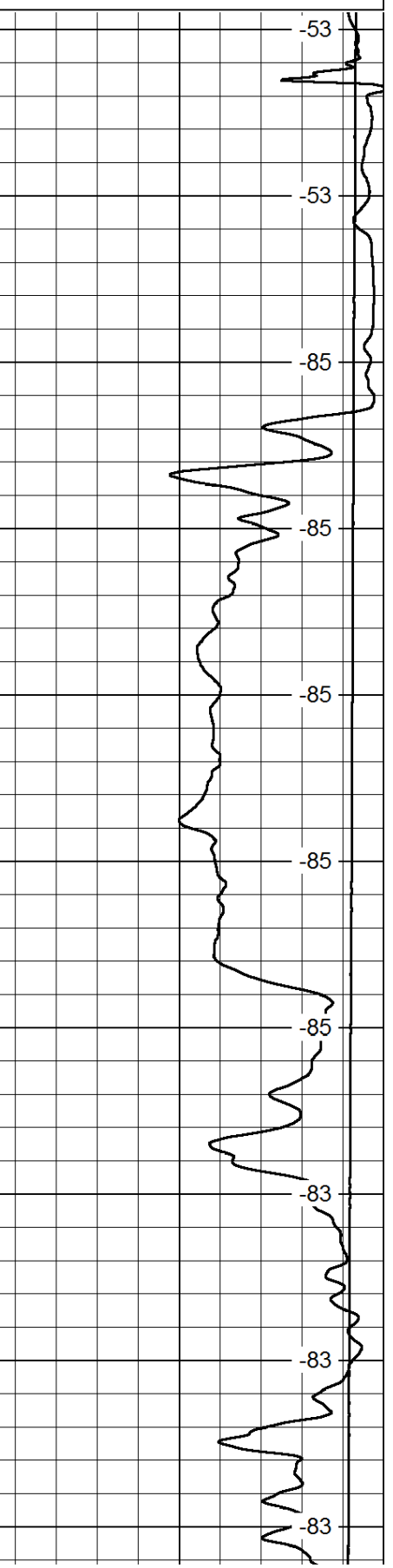
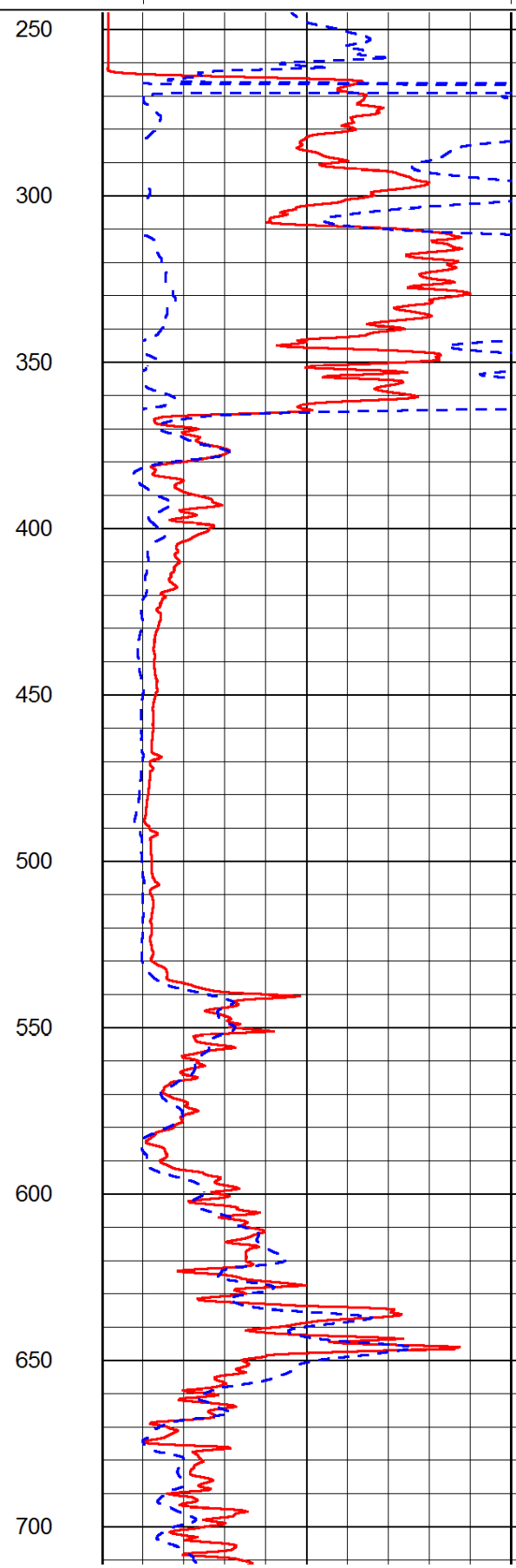
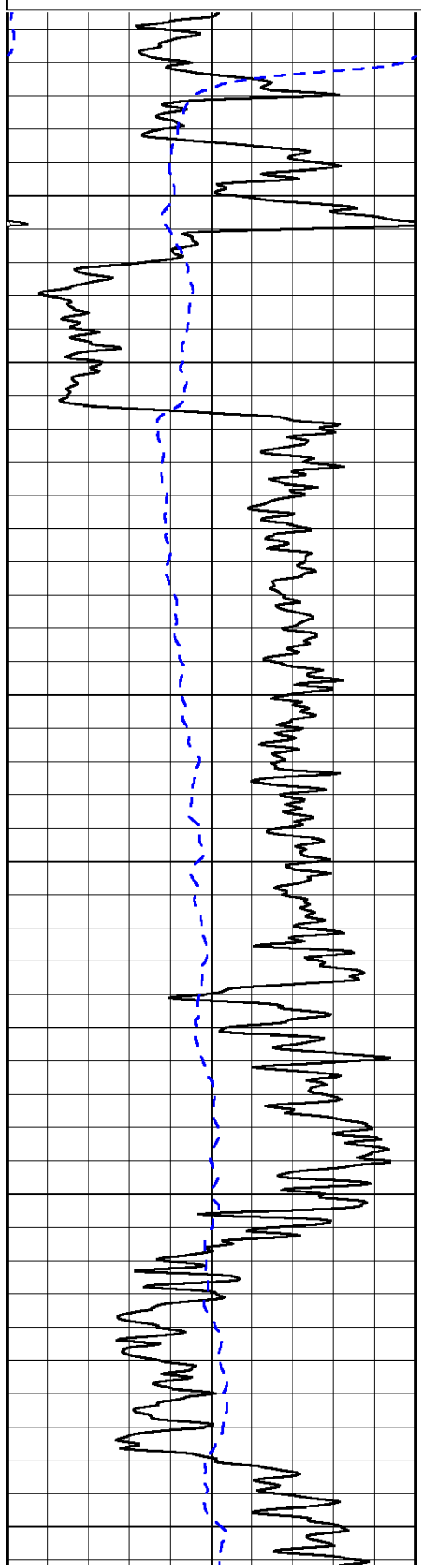
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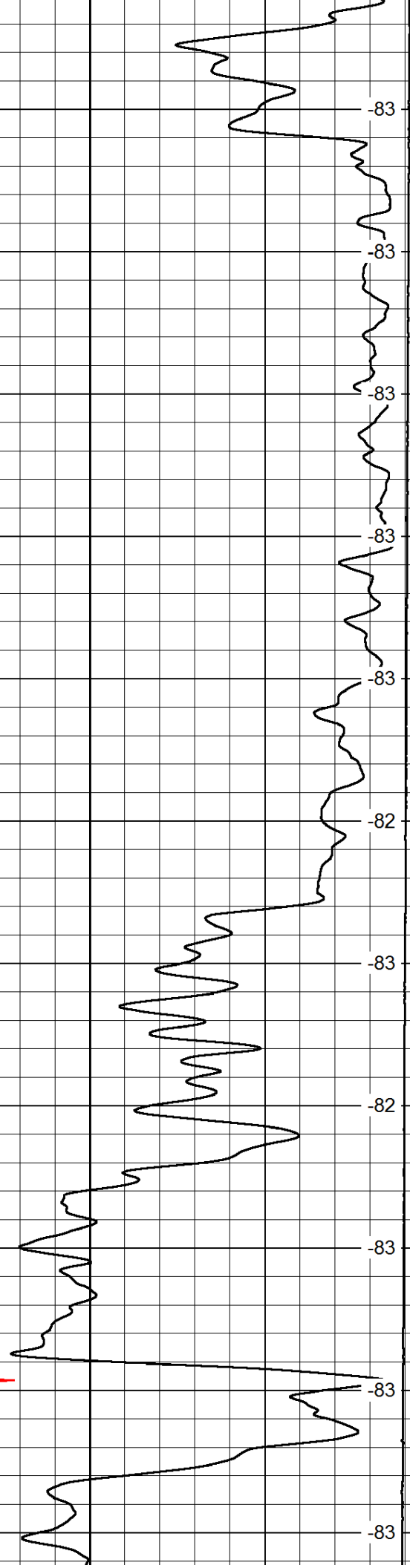
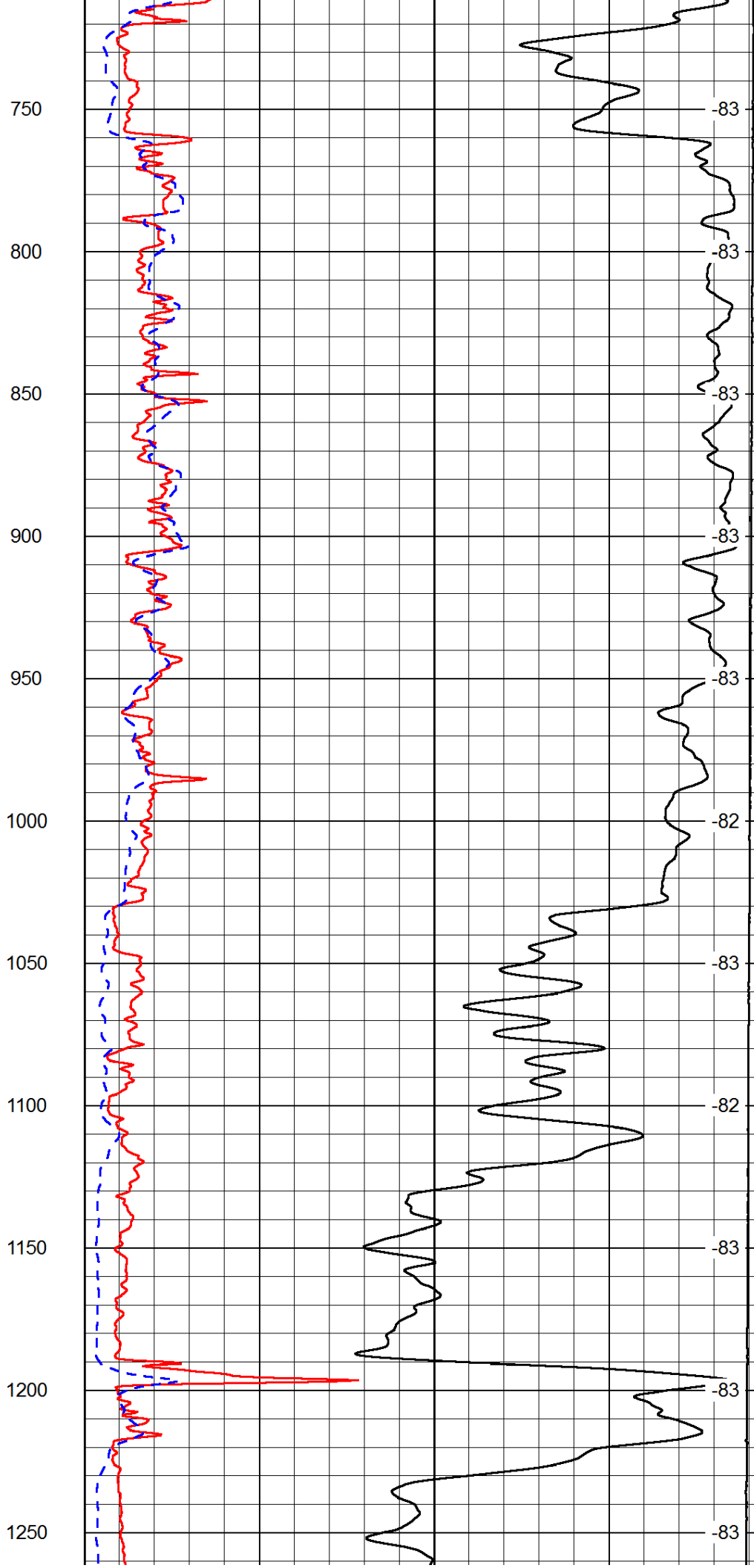
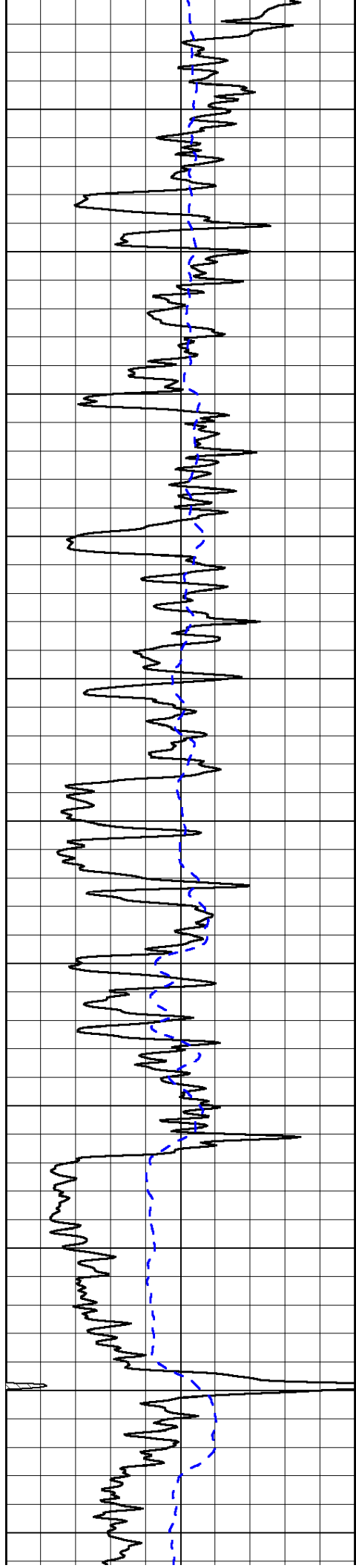
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0	Deep Resistivity	50

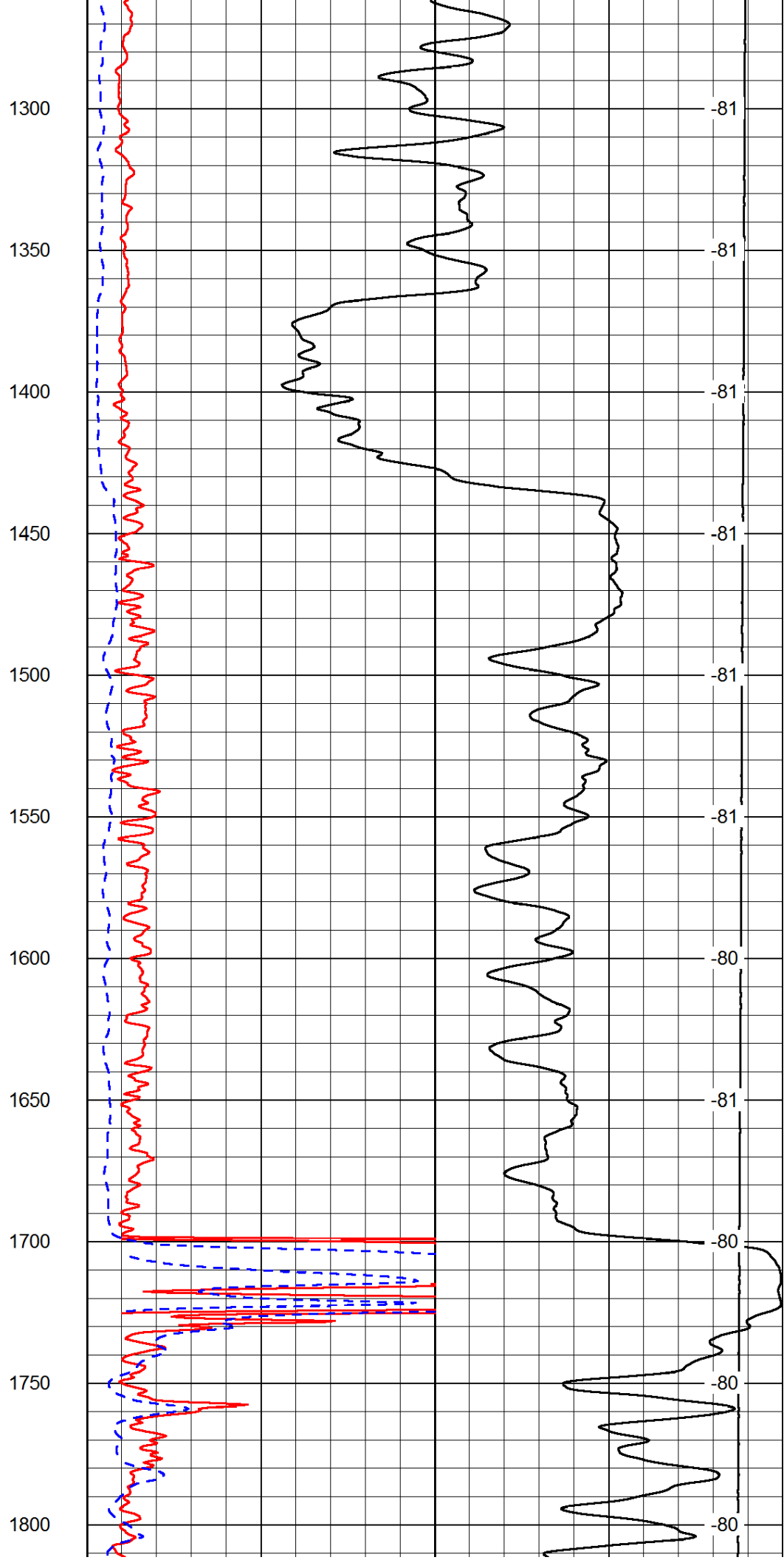
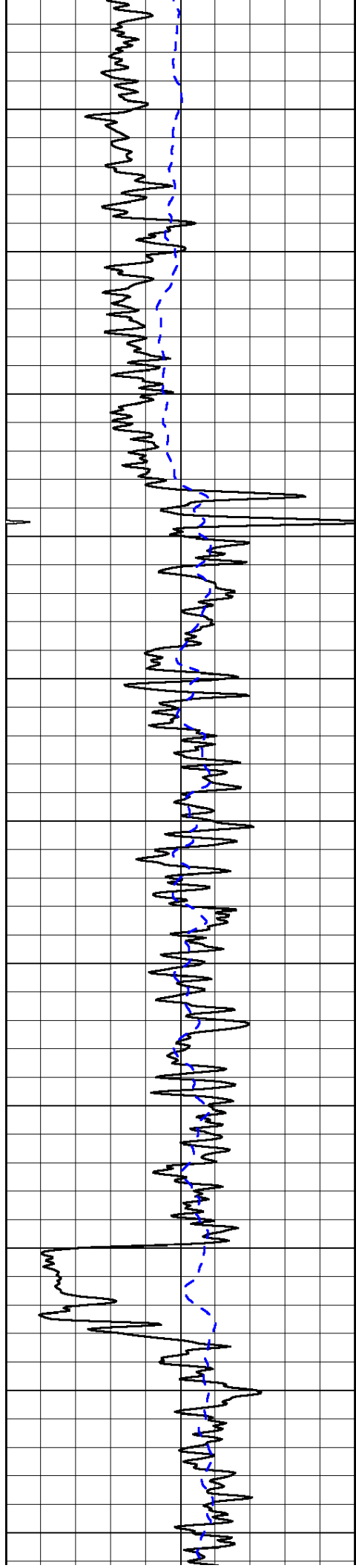
LSPD

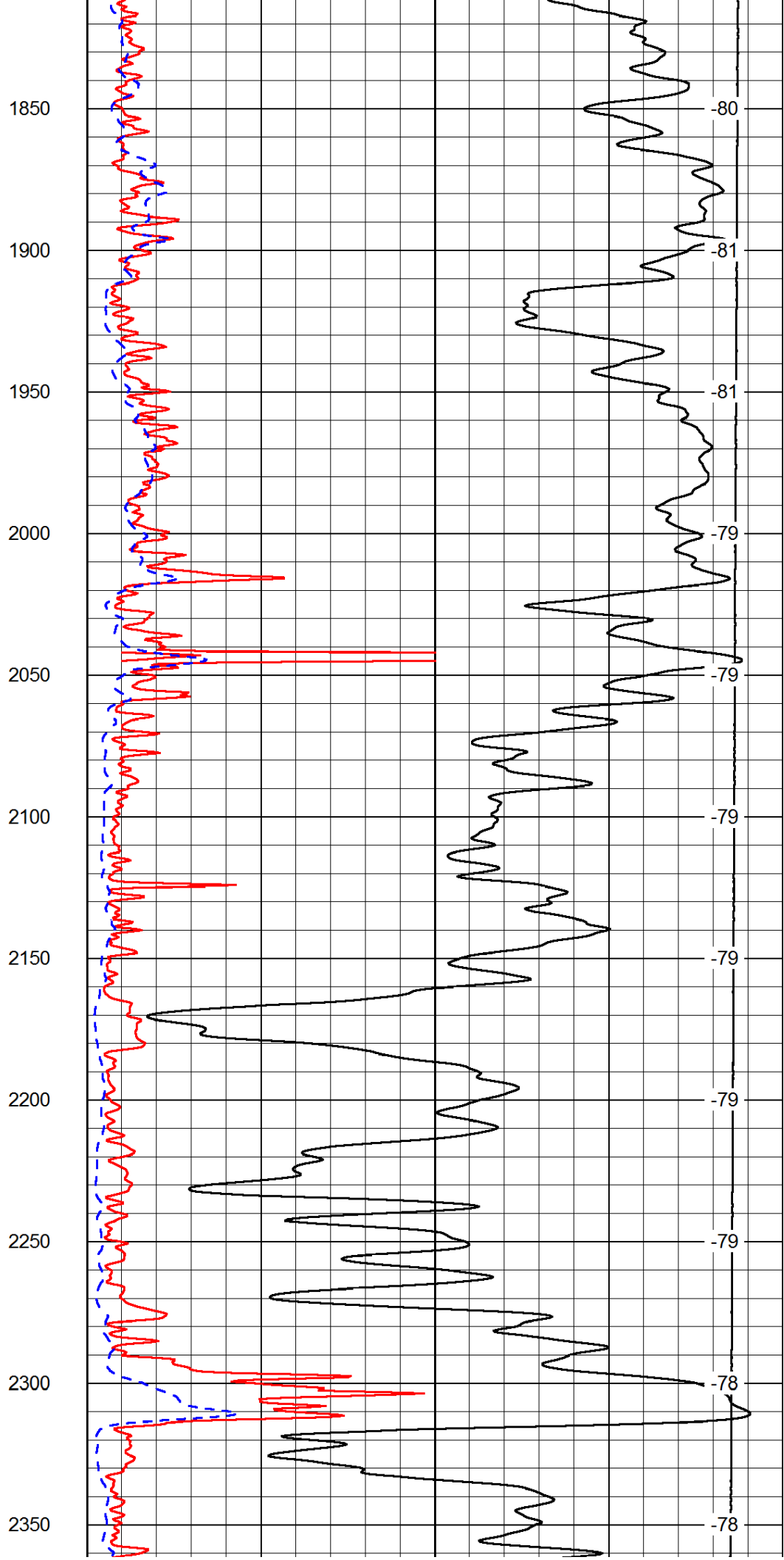
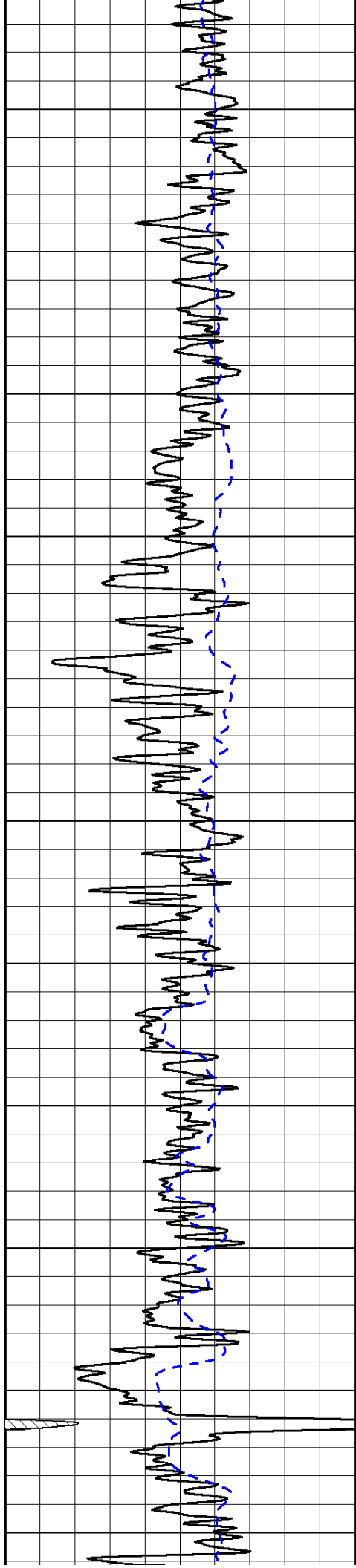
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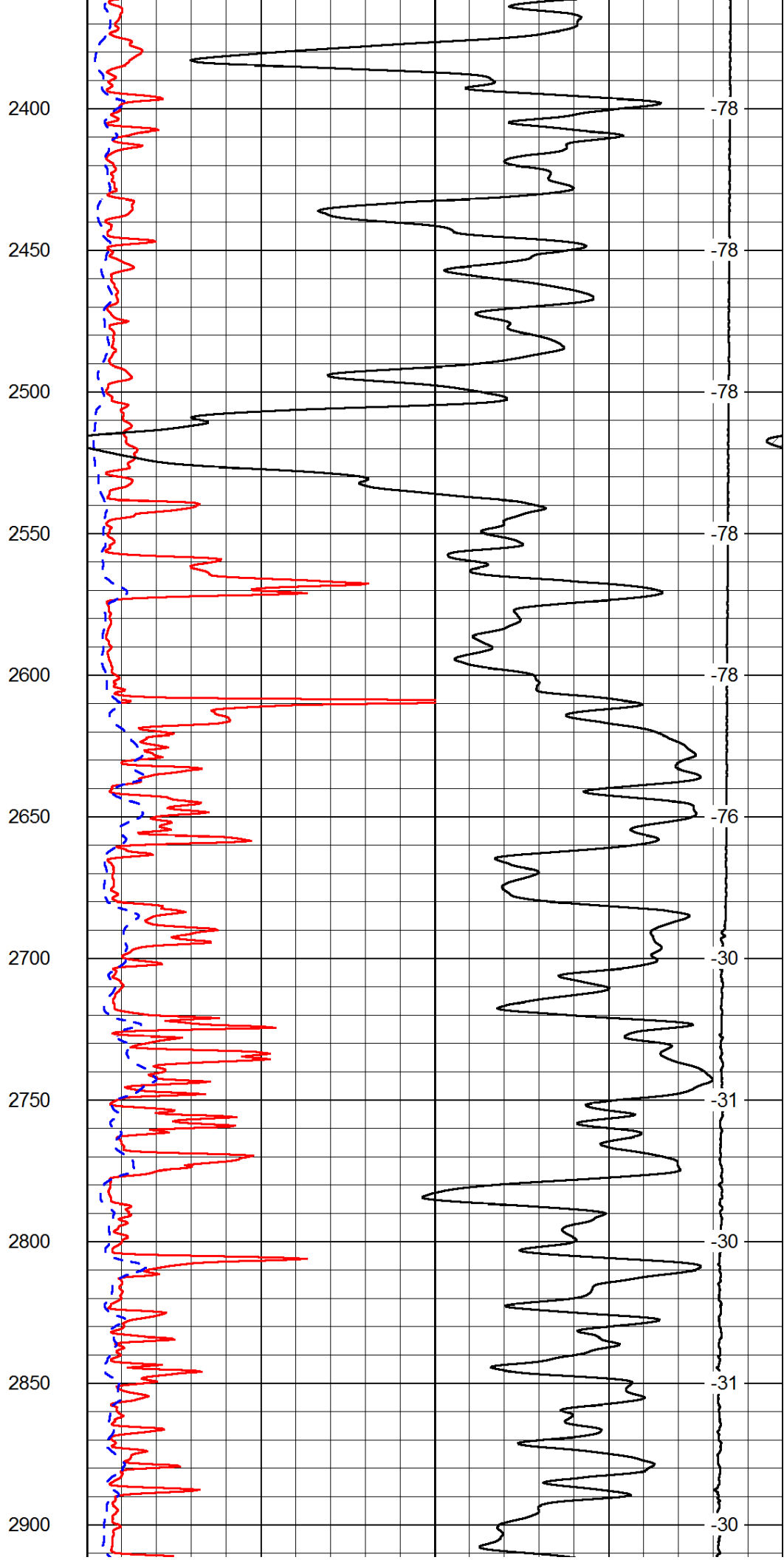
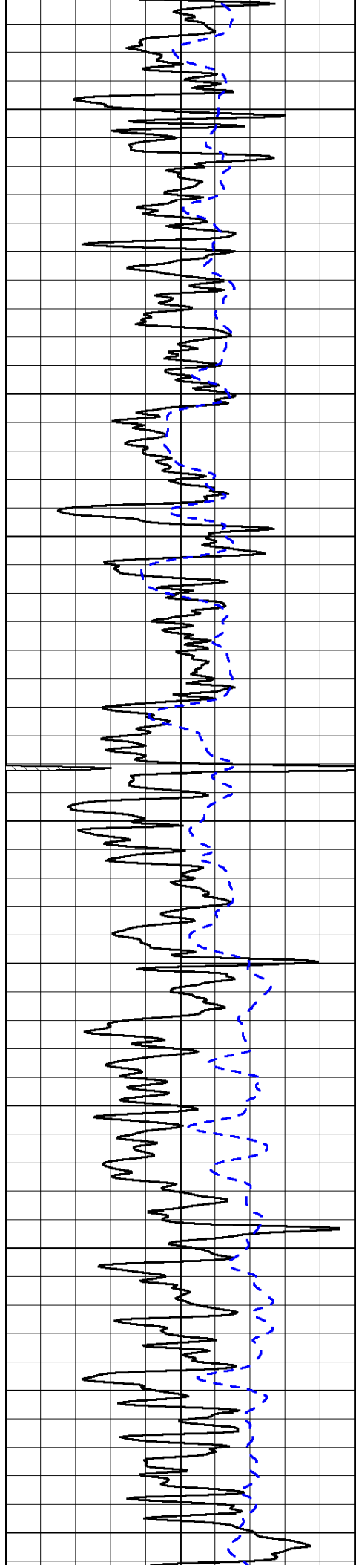
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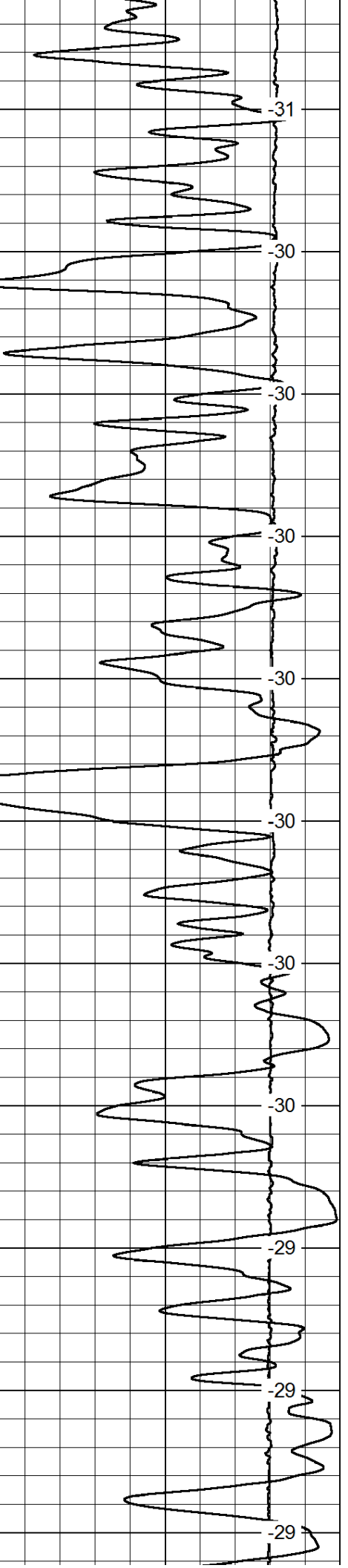
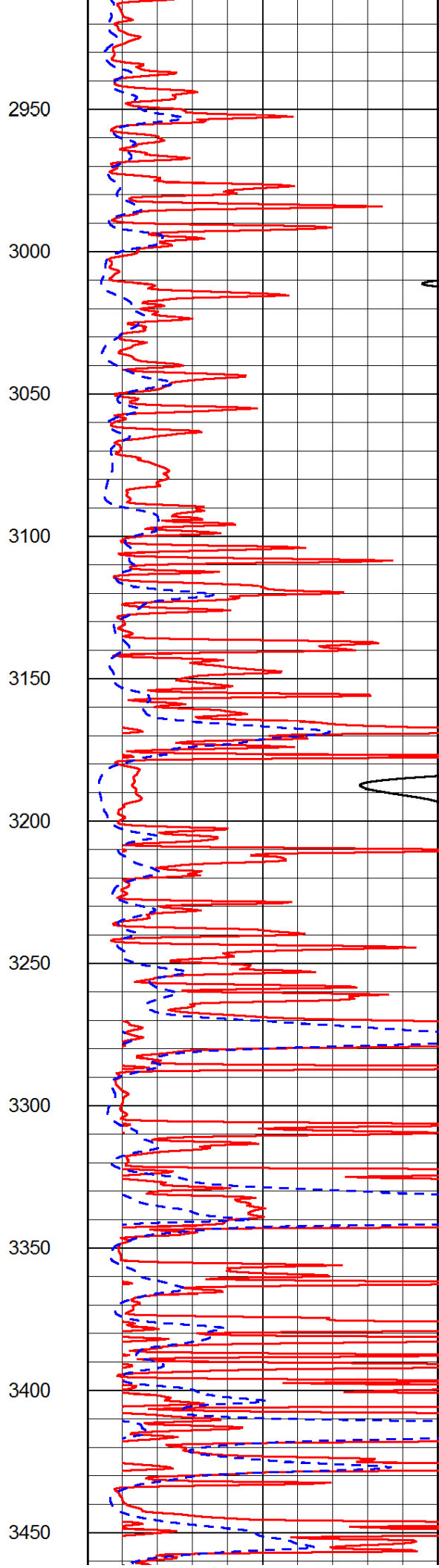
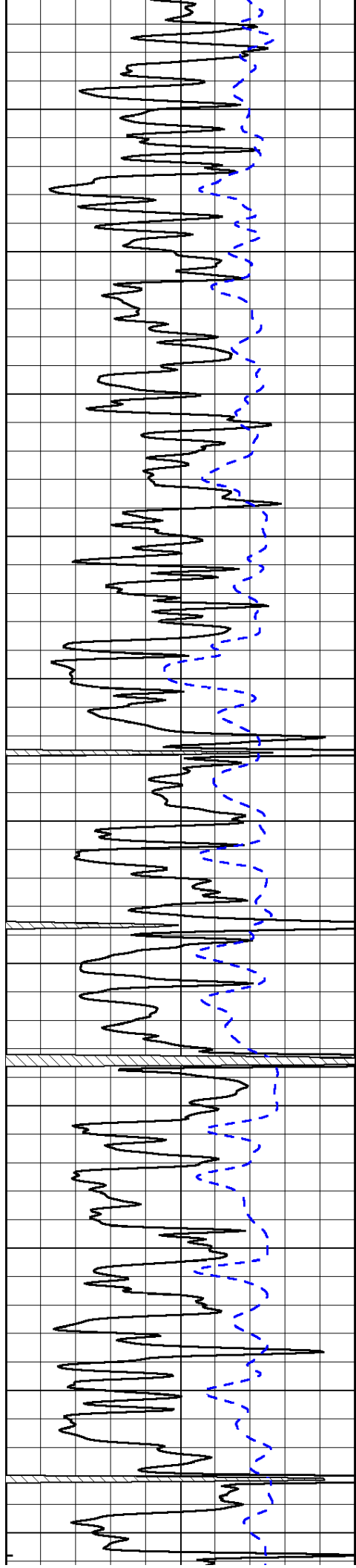


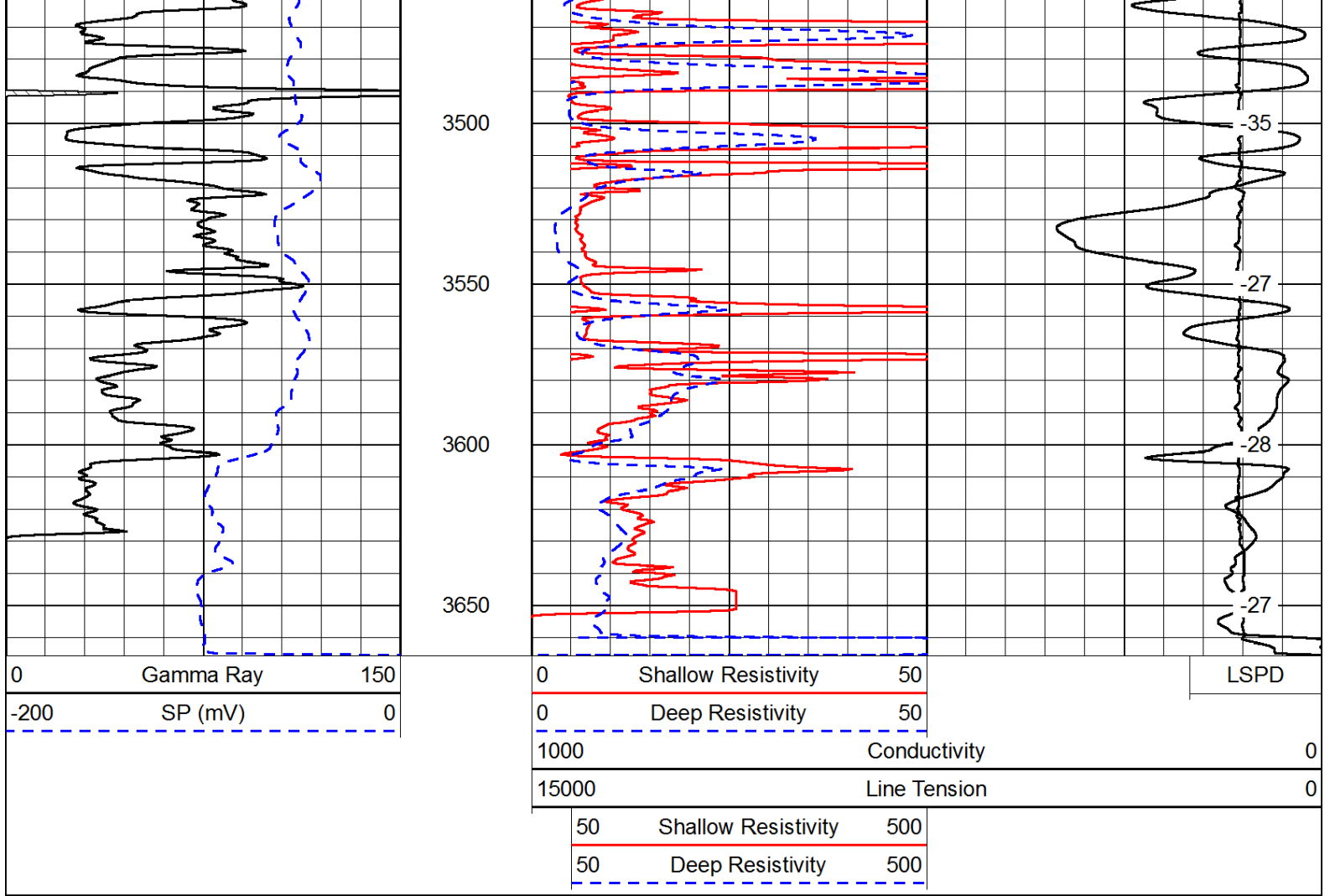




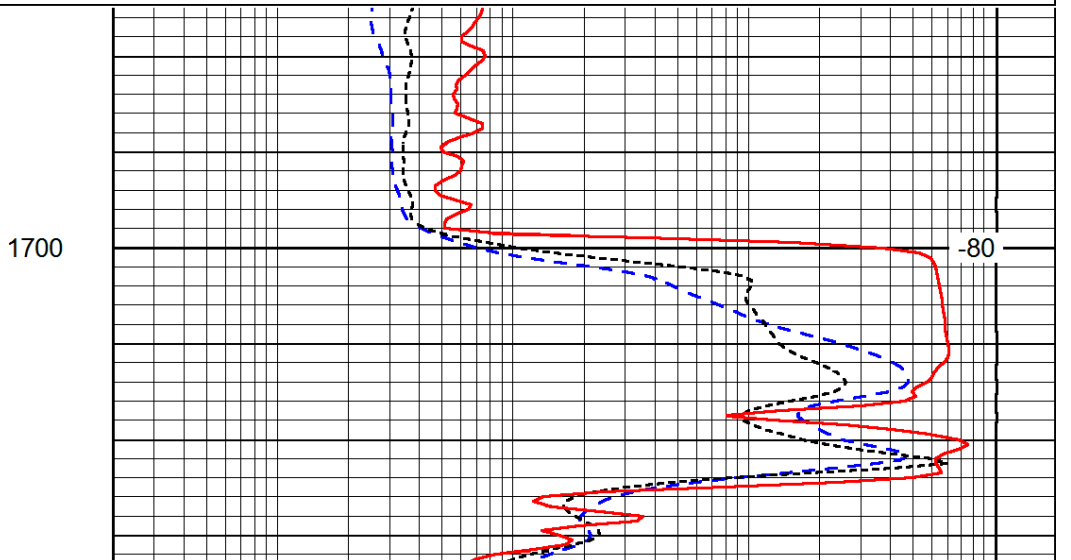
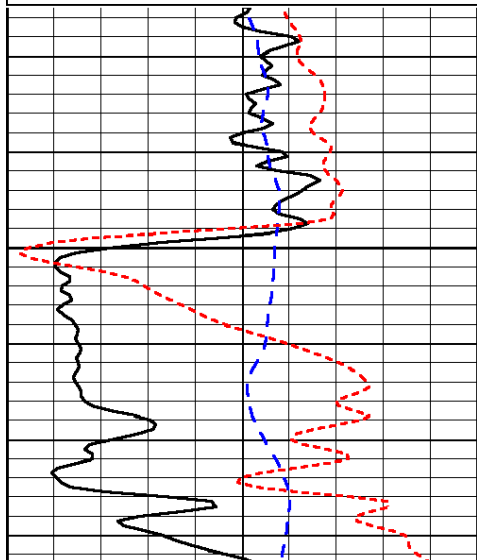
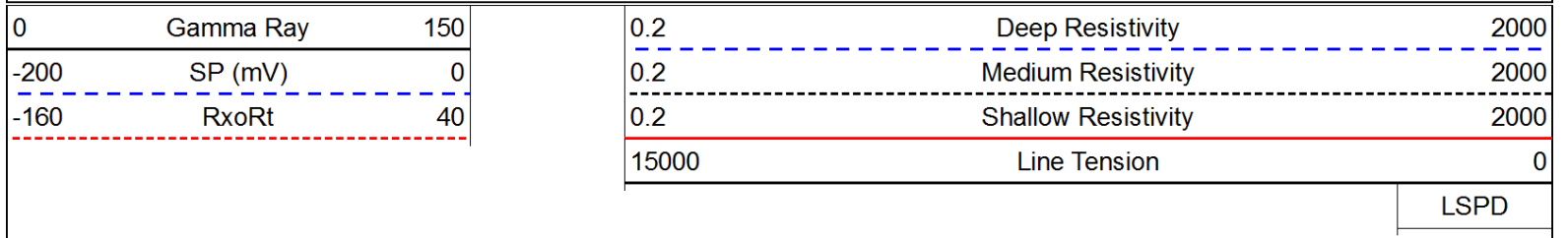


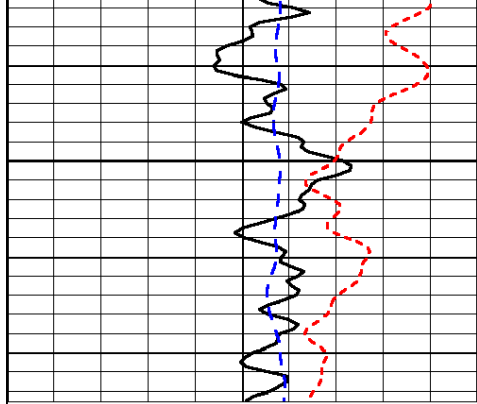






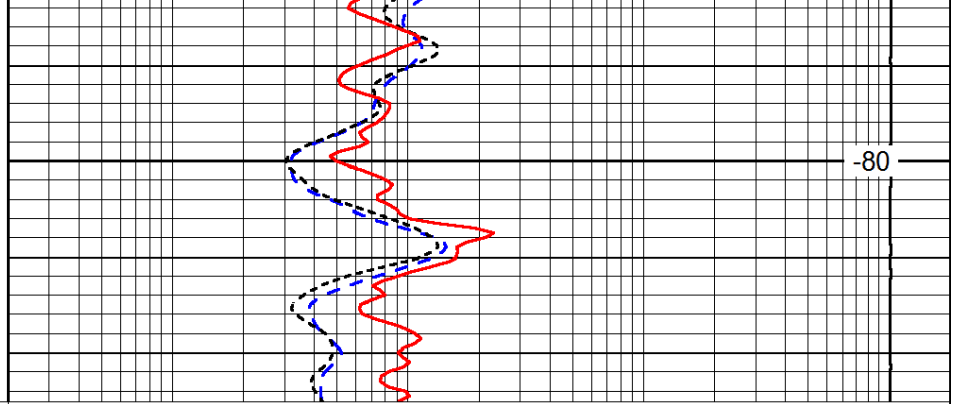
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 Dataset Pathname: dil/gostkml
 Presentation Format: dil
 Dataset Creation: Sat May 31 01:15:47 2014
 Charted by: Depth in Feet scaled 1:240





1750

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



-80

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

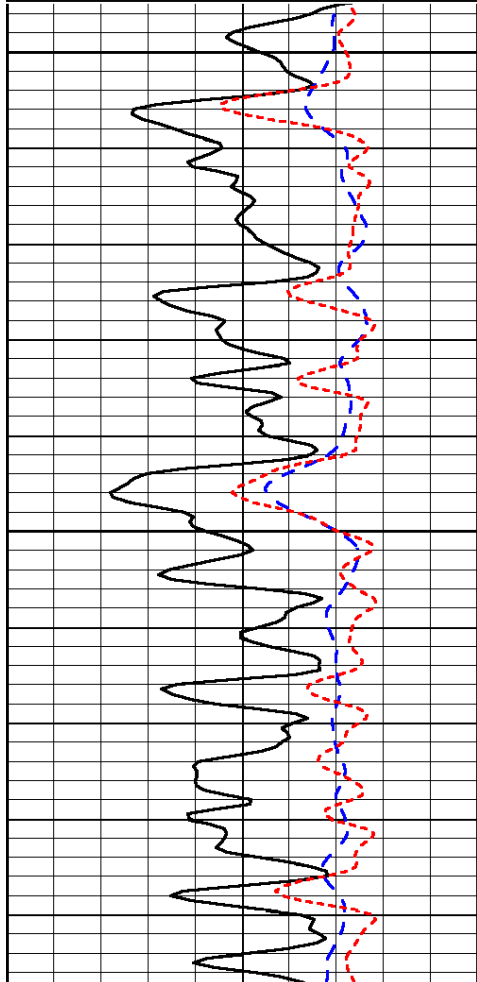
LSPD

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

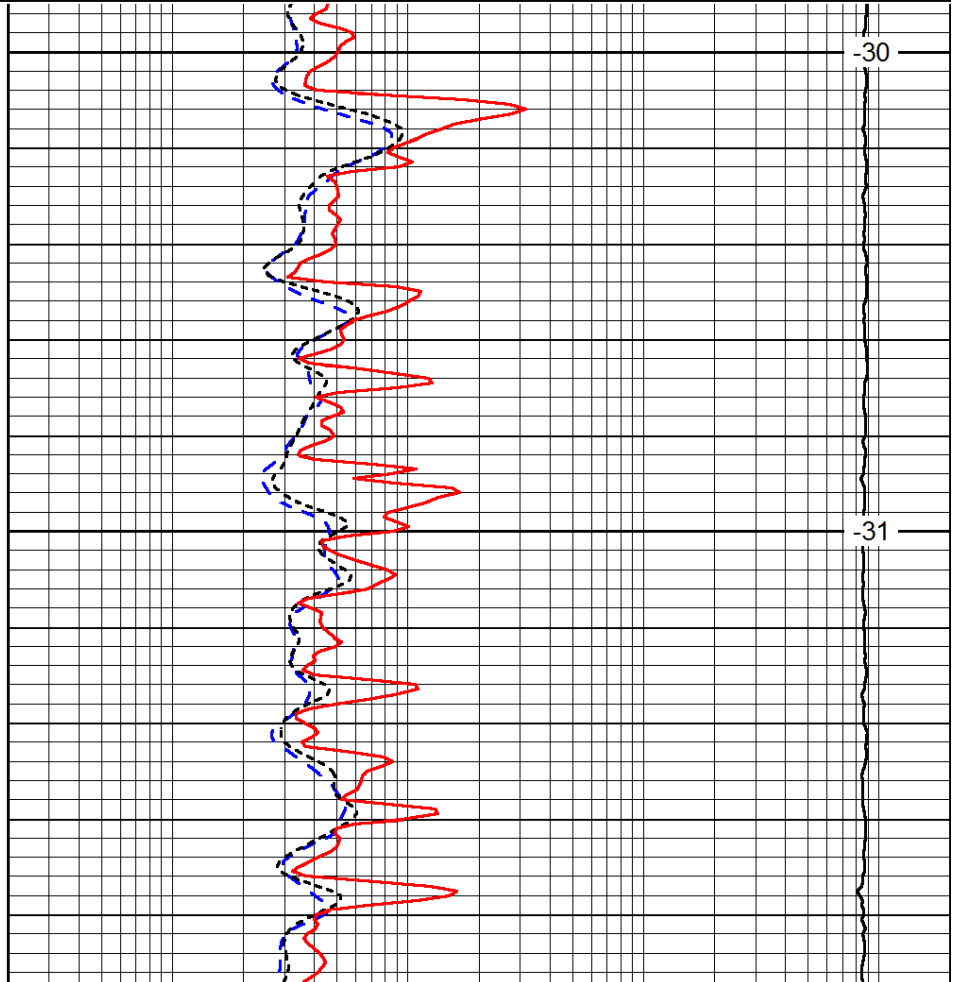
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0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD



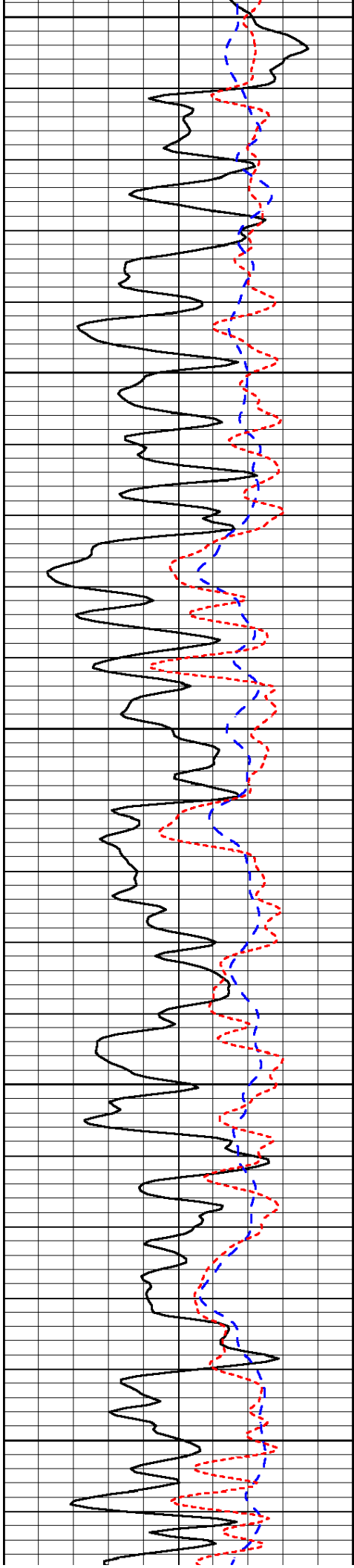
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2850



-30

-31



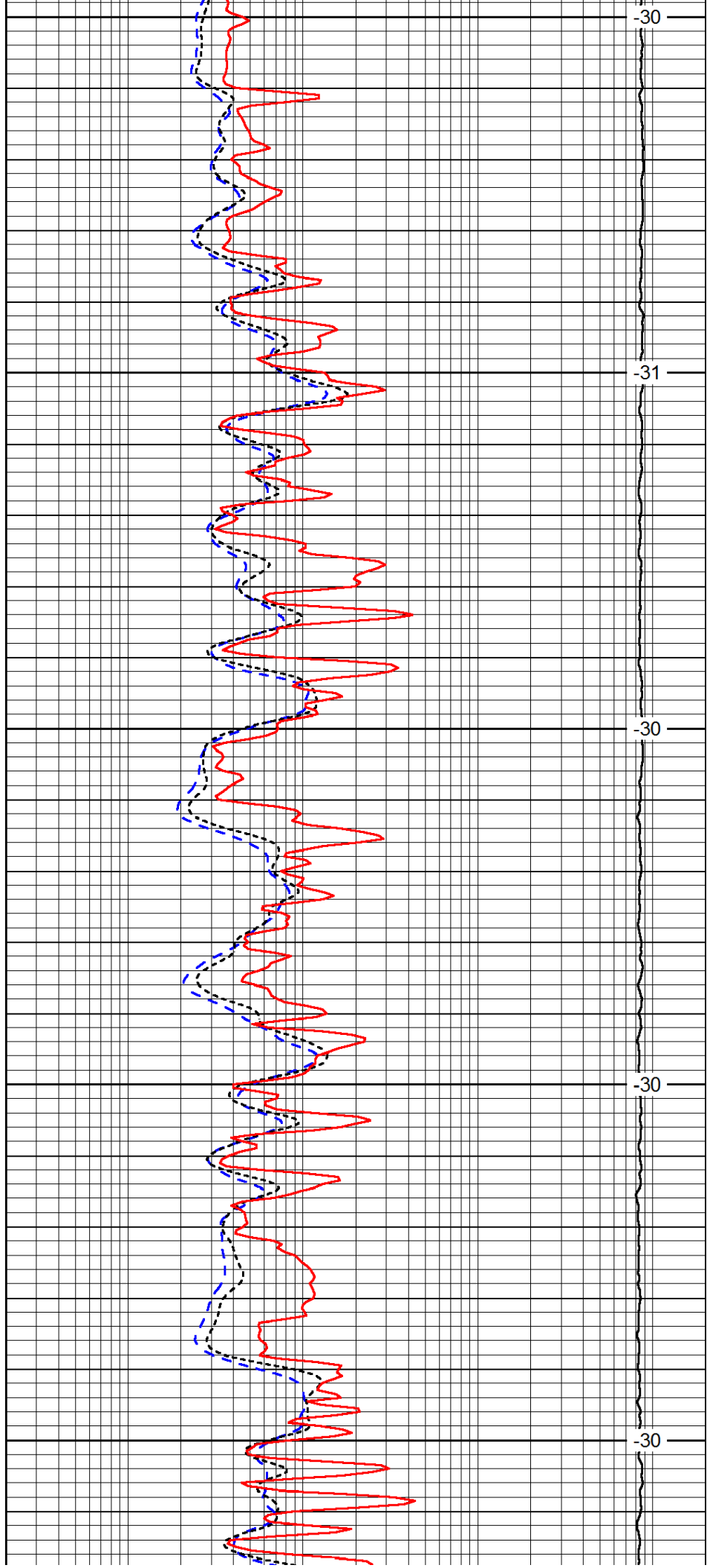
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2950

3000

3050

3100



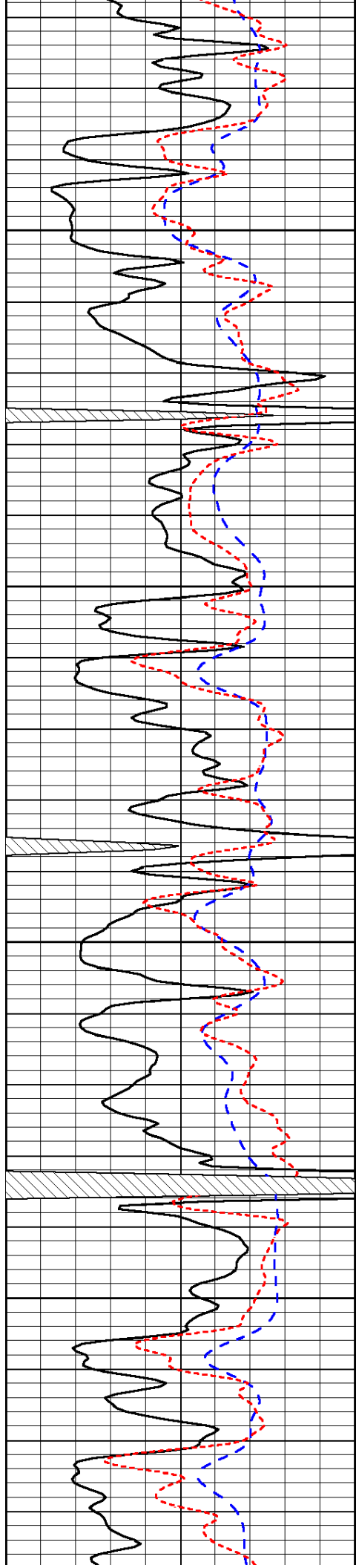
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-31

-30

-30

-30

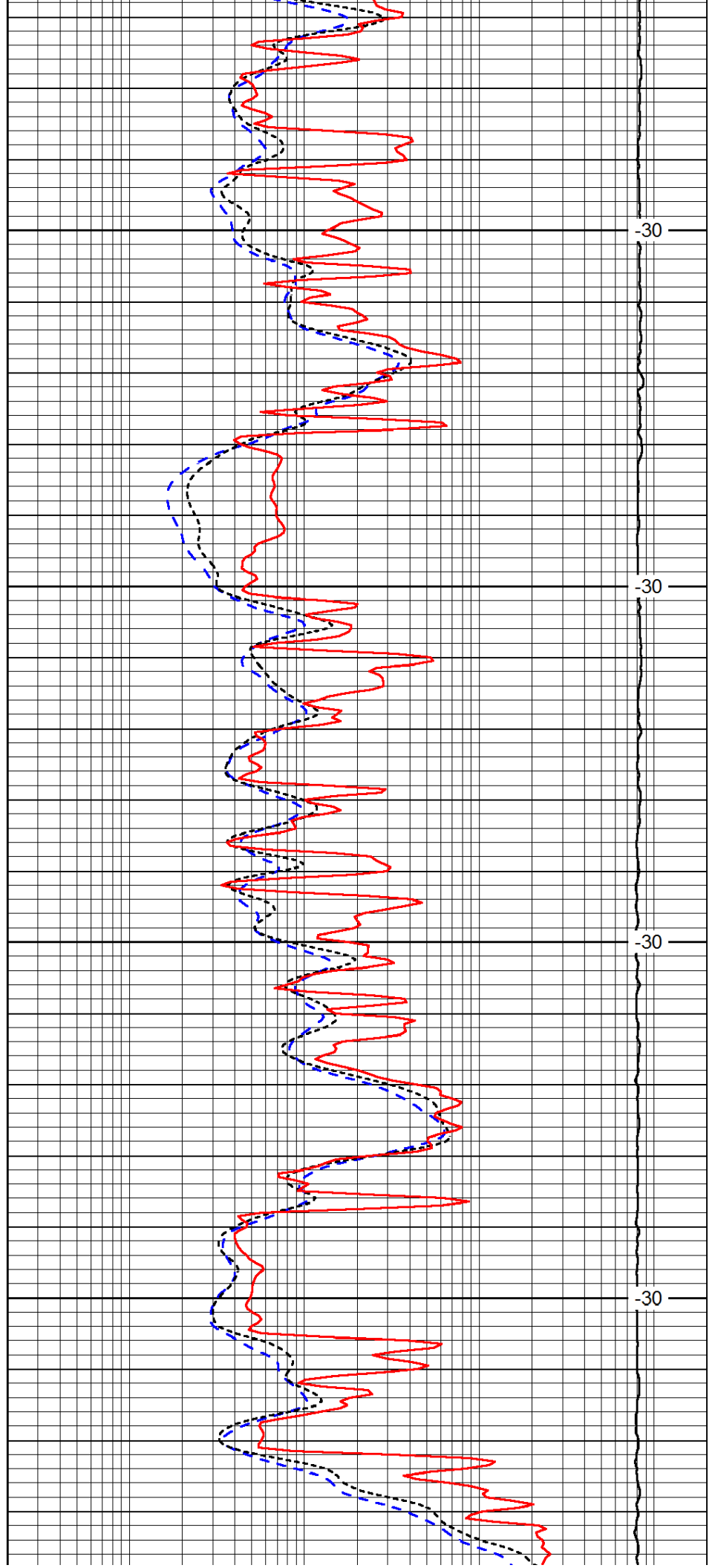


3150

3200

3250

3300

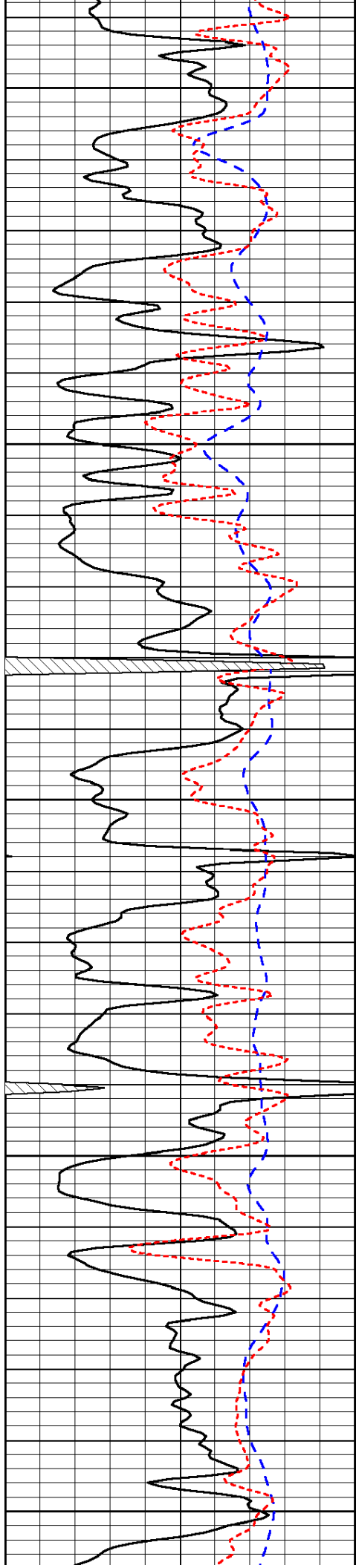


-30

-30

-30

-30



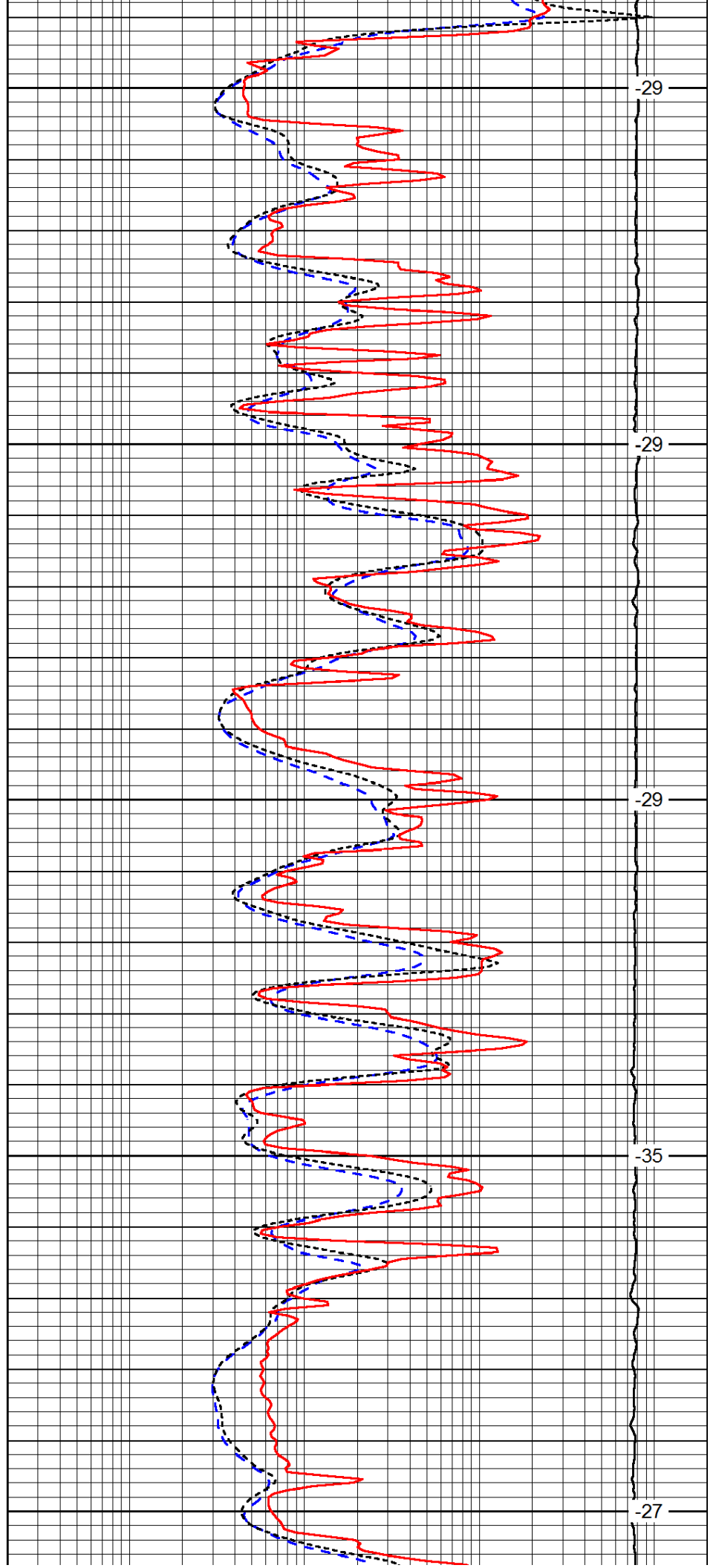
3350

3400

3450

3500

3550



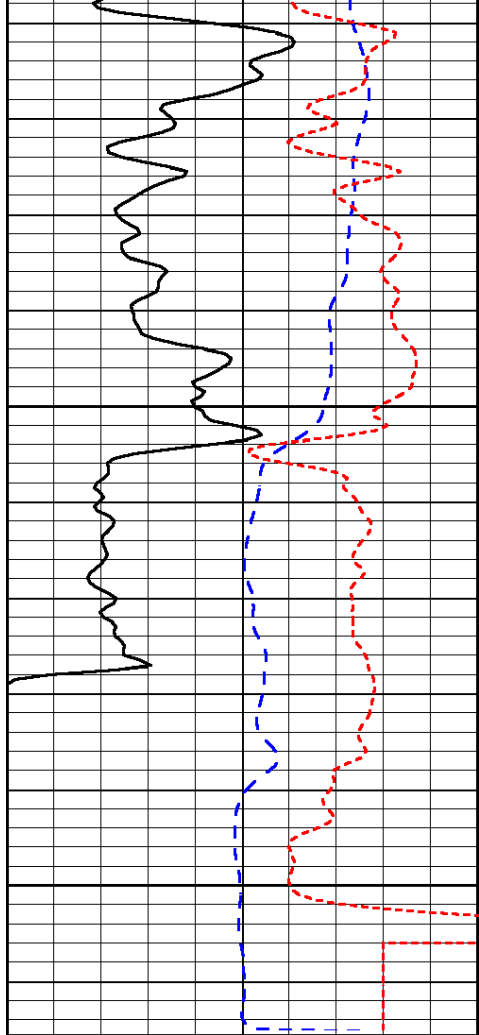
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-29

-29

-35

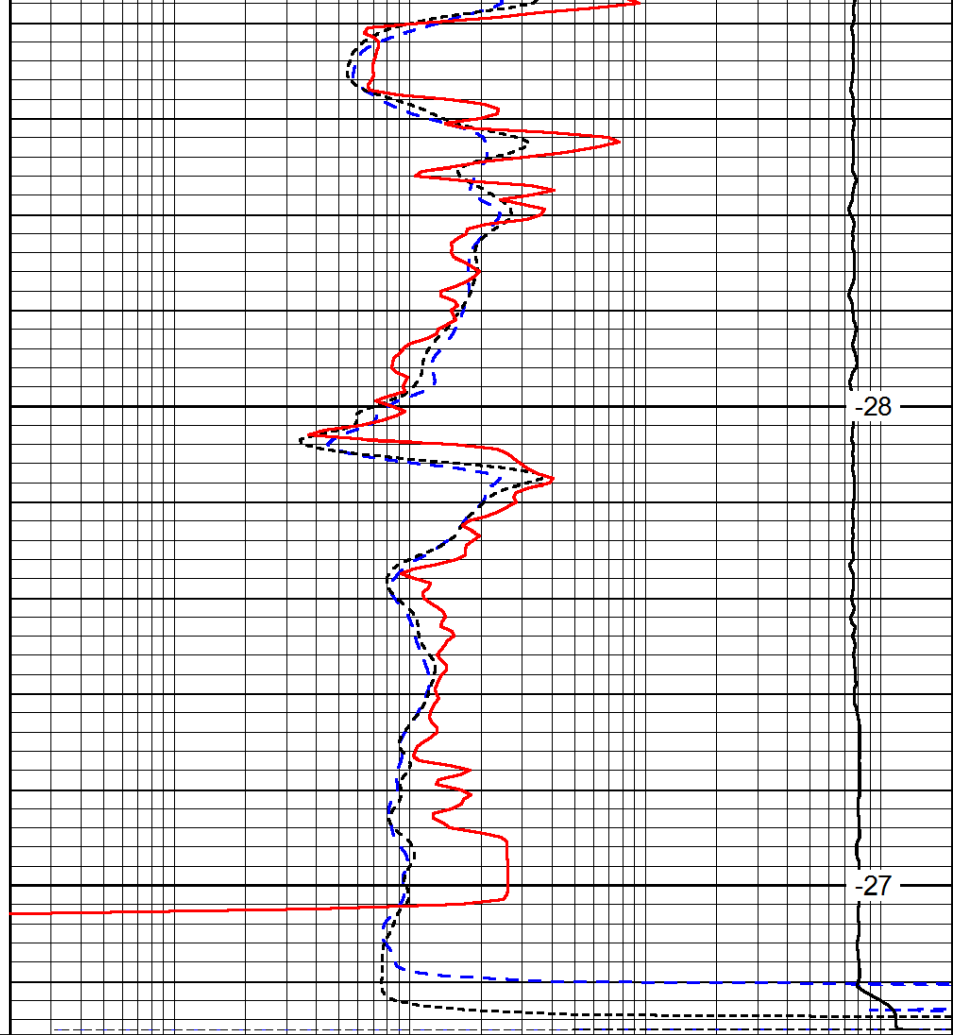
-27



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

3600

3650



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

-28

-27

LSPD