



Dual Induction Log

Pioneer Energy Services

API No.

15-009-26,055-00-00

Company LB Exploration, Inc.

Well Alexis B No. 1

Field Hampel

County

Barton

State

Kansas

Location

1700' FNL & 2055' FEL

Other Services
CNL/CDL
MEL/BHCS

Sec: 33

Twp: 17s

Rge: 15w

Elevation

Permanent Datum

Ground Level

Elevation 2015

Log Measured From

Kelly Bushing

13 Ft. Above Perm. Datum

K.B. 2028
D.F.
G.L. 2015

Drilling Measured From

Kelly Bushing

Date

11/22/2014

Run Number

One

Depth Driller

3640

Depth Logger

3638

Bottom Logged Interval

3637

Top Log Interval

1000

Casing Driller

8.625 @ 1043

Casing Logger

1068

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

7000

Density / Viscosity

9.4 54

pH / Fluid Loss

8.5 11.2

Source of Sample

Flowline

Rm @ Meas. Temp

.15 @ 63

Rmf @ Meas. Temp

.11 @ 63

Rmc @ Meas. Temp

.20 @ 63

Source of Rmf / Rmc

Charts

Rm @ BHT

.08 @ 112

Operating Rig Time

4.5 Hours

Max Rec. Temp. F

112

Equipment Number

108

Location

Hays

Recorded By

D. Fischer

Witnessed By

Steven Petermann

<<< 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

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(785) 625-3858

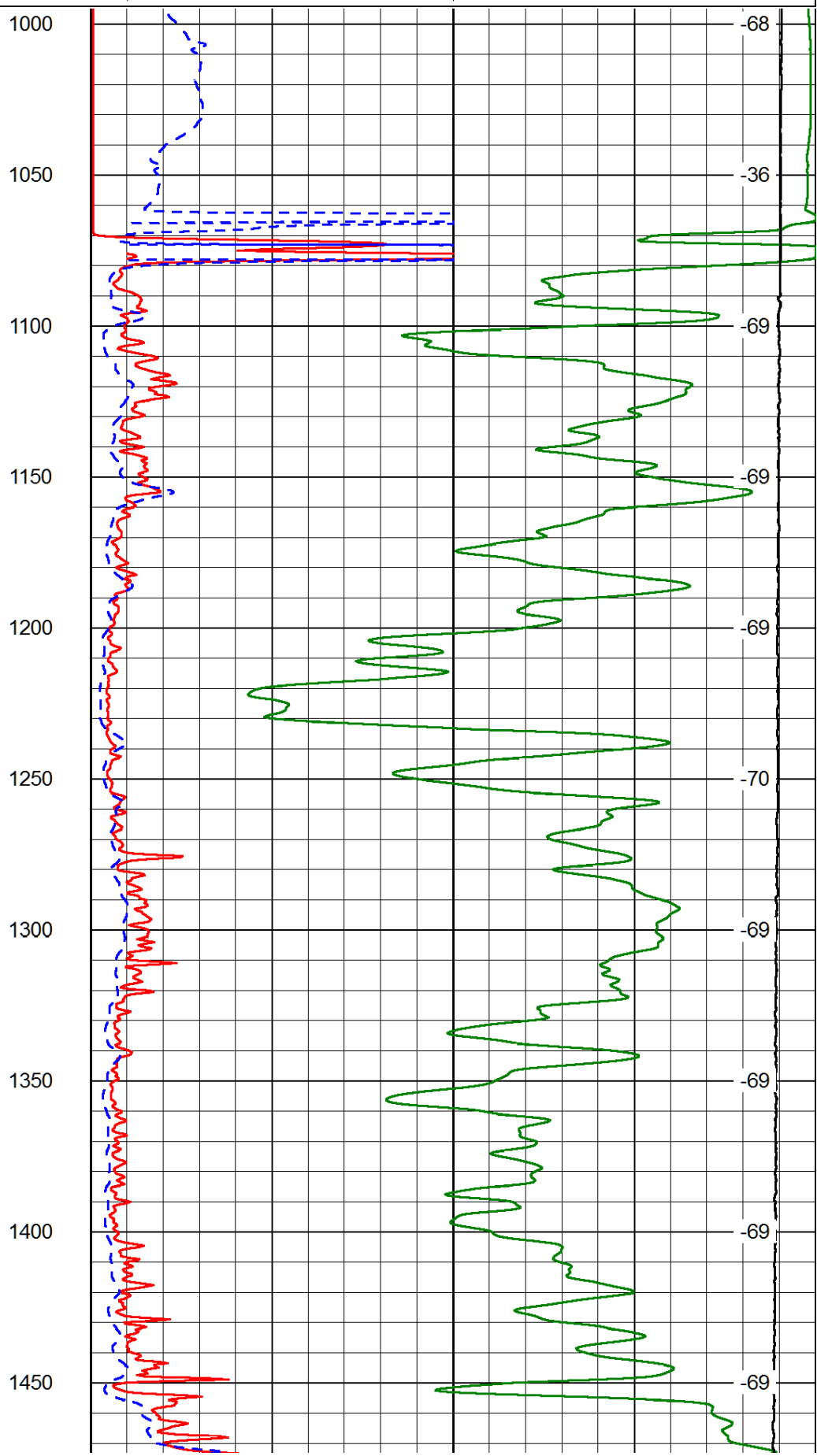
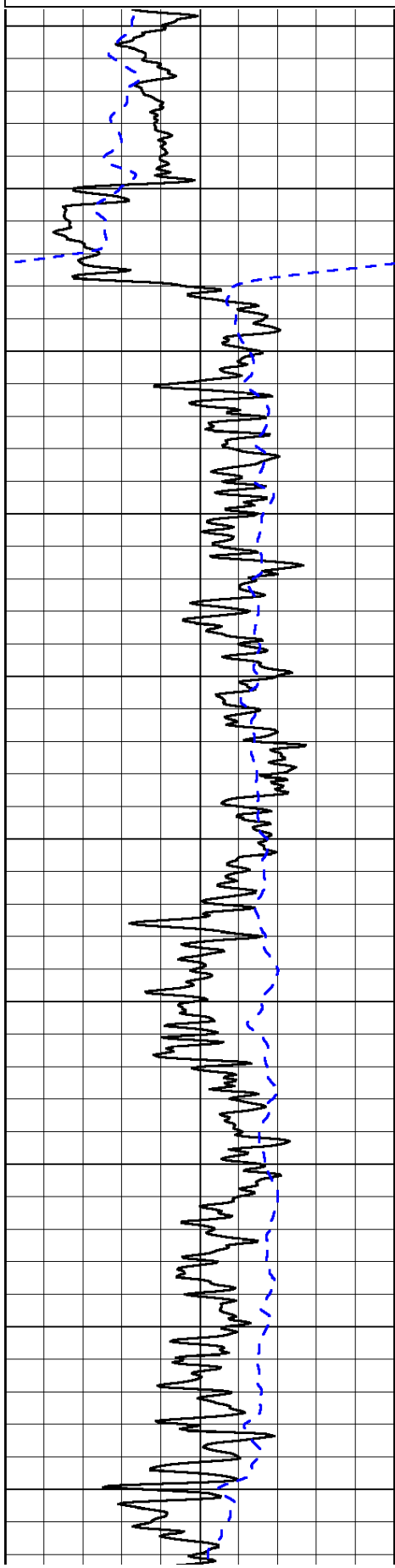
Hoisington Ks., East To 110 Rd., 1/2 South, West Into.

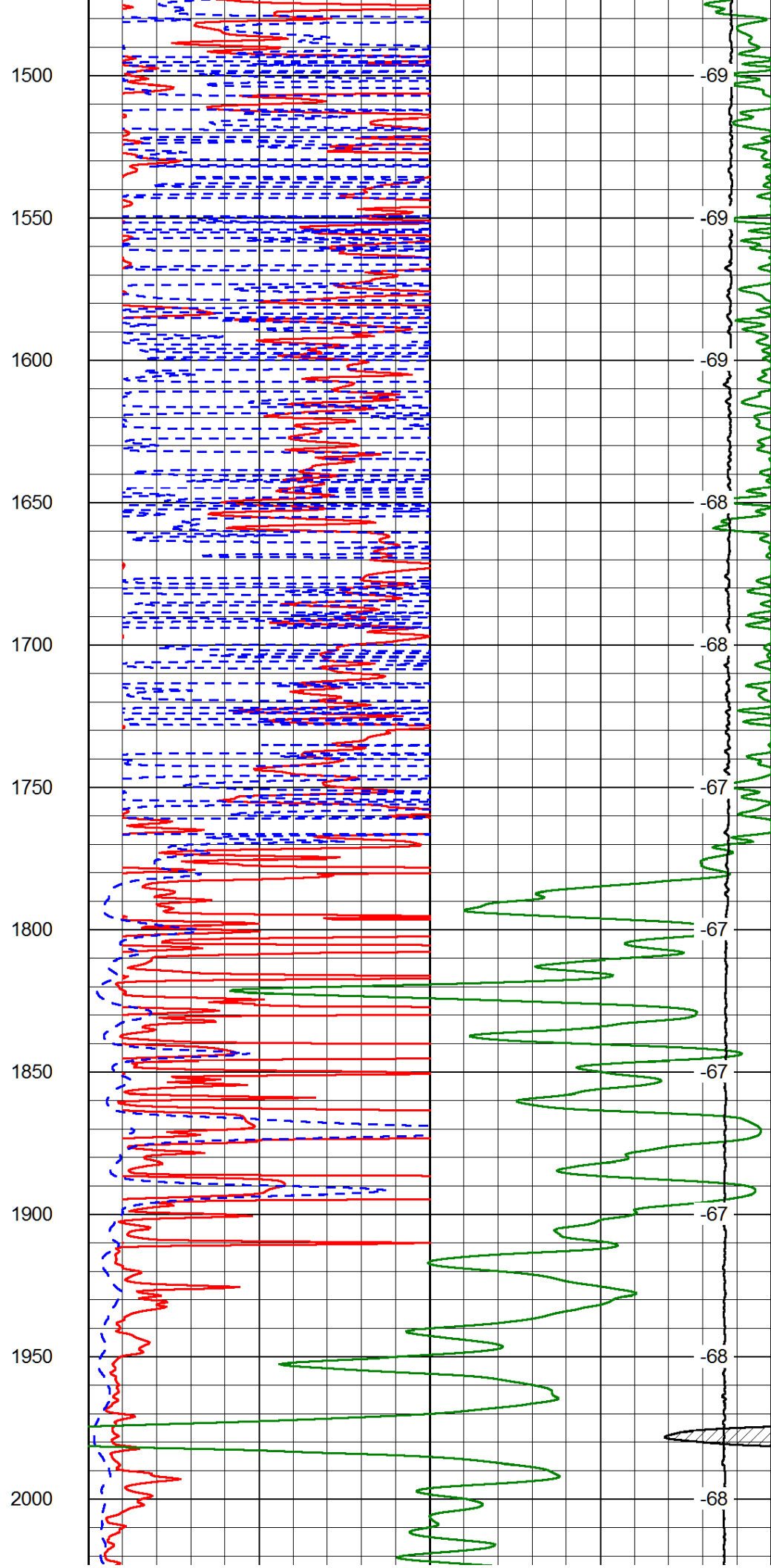
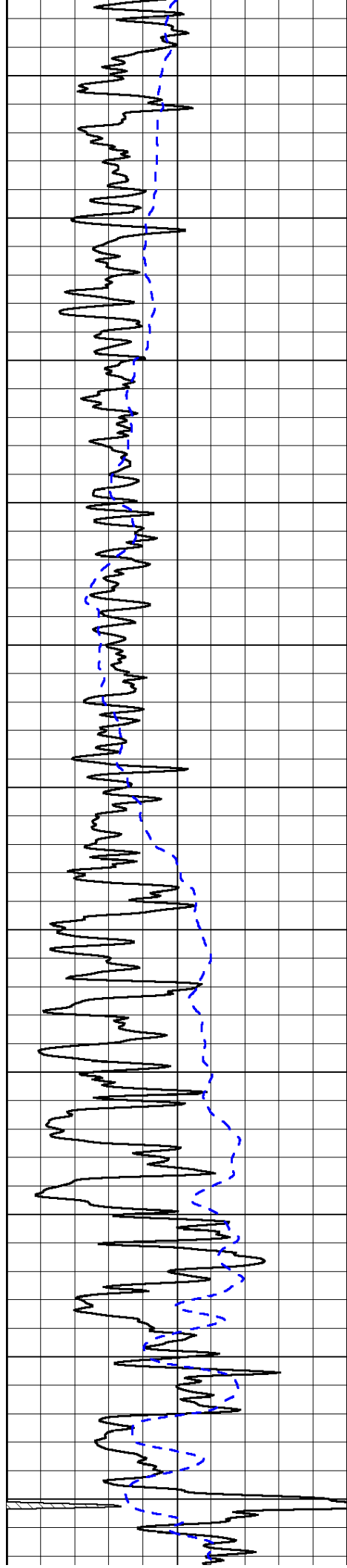
Database File: lb_exploration_alexis_b_1hd.db
Dataset Pathname: DIL/lbstck
Presentation Format: dil2in
Dataset Creation: Sat Nov 22 23:31:28 2014
Charted by: Depth in Feet scaled 1:600

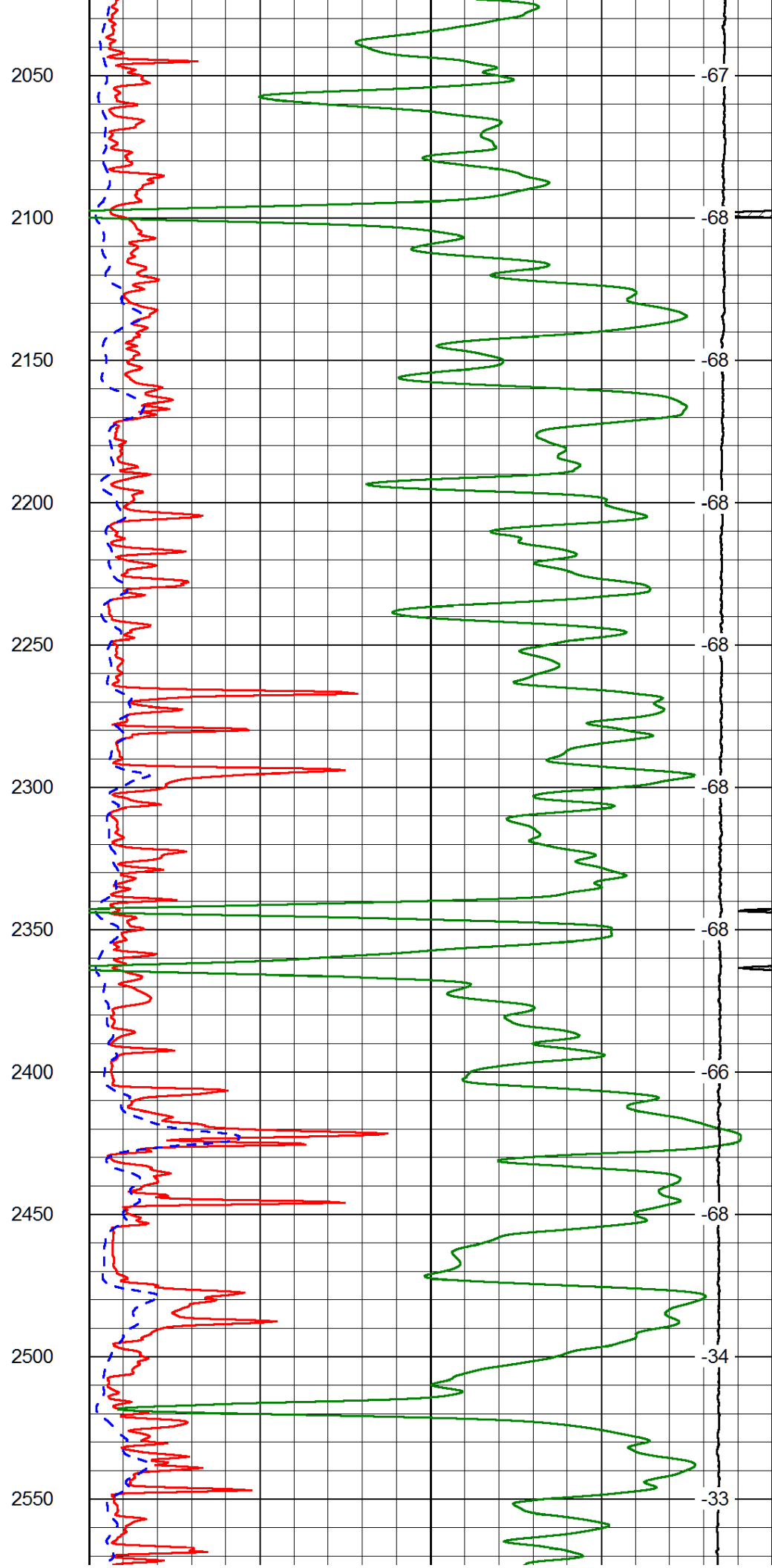
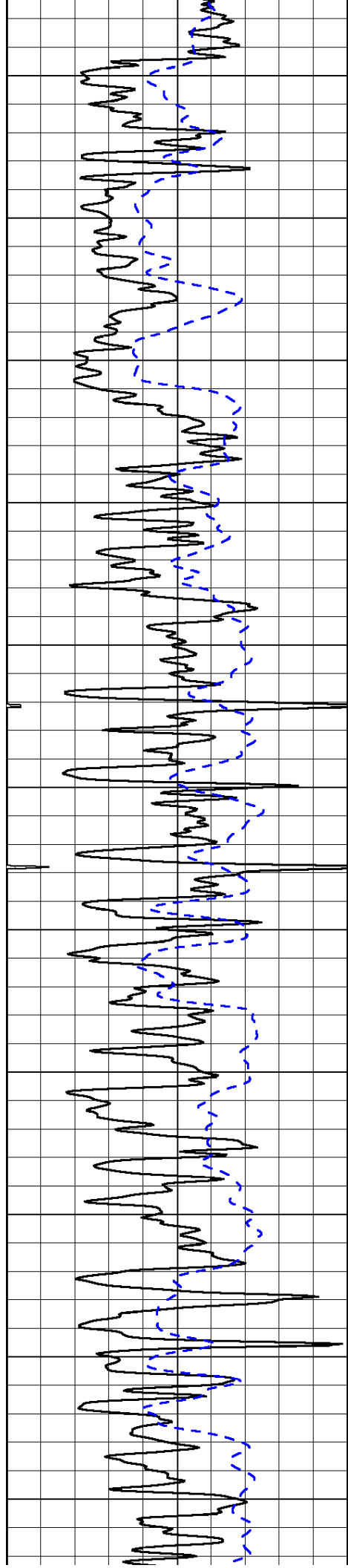
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-200	SP (mV)	0

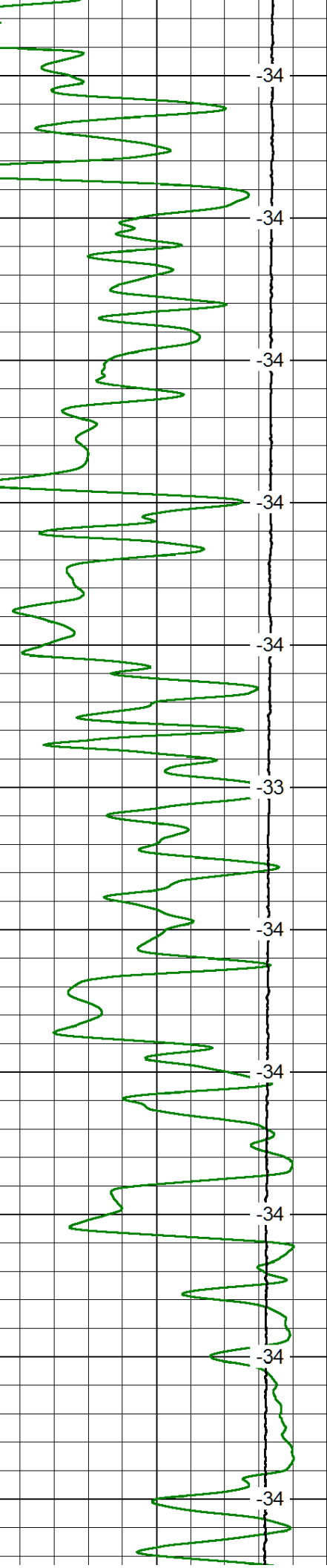
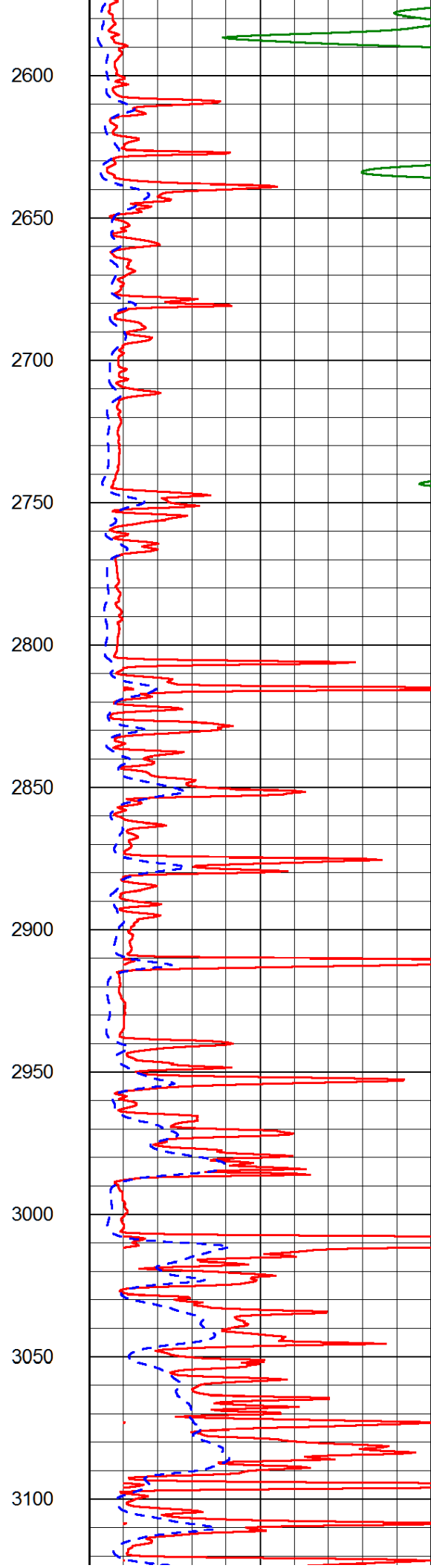
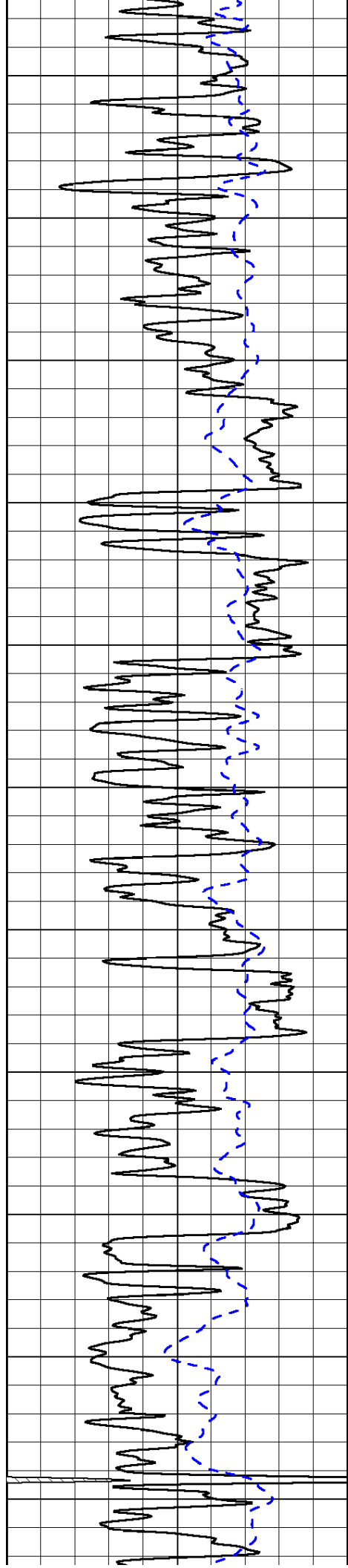
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

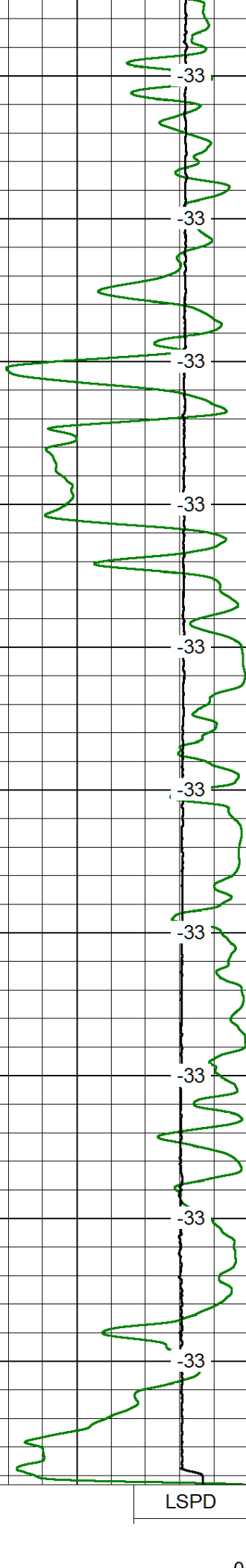
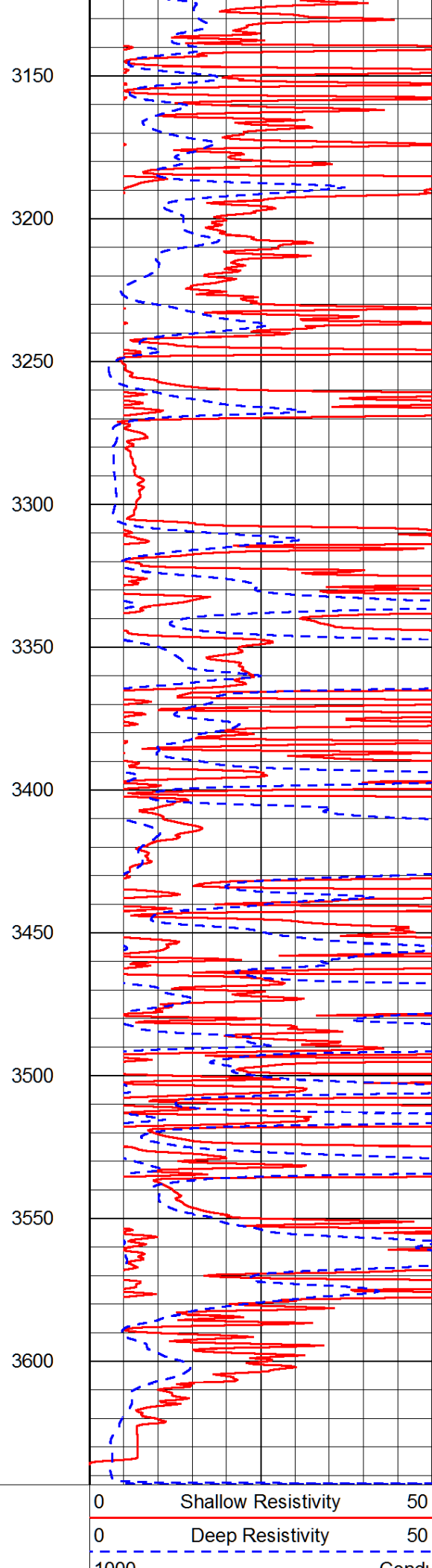
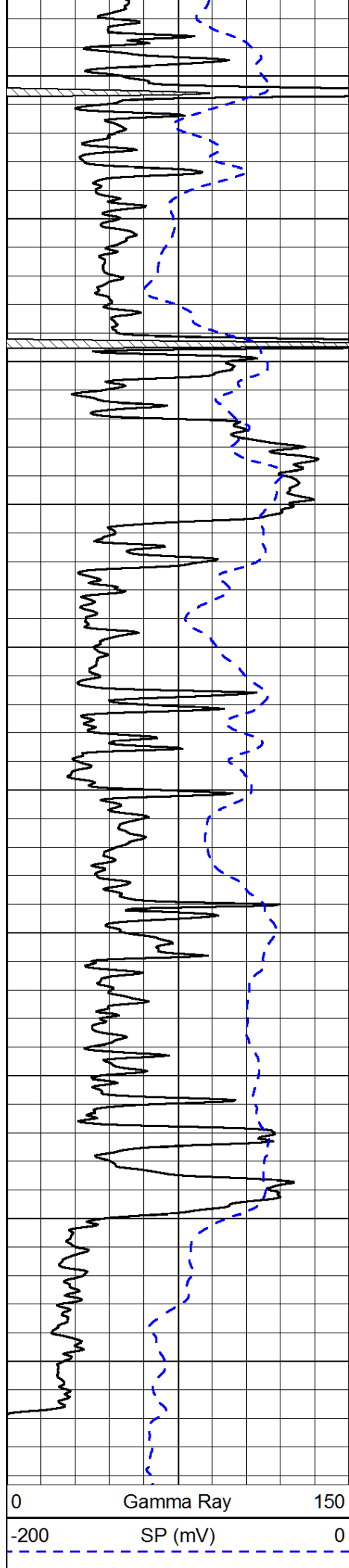
LSPD







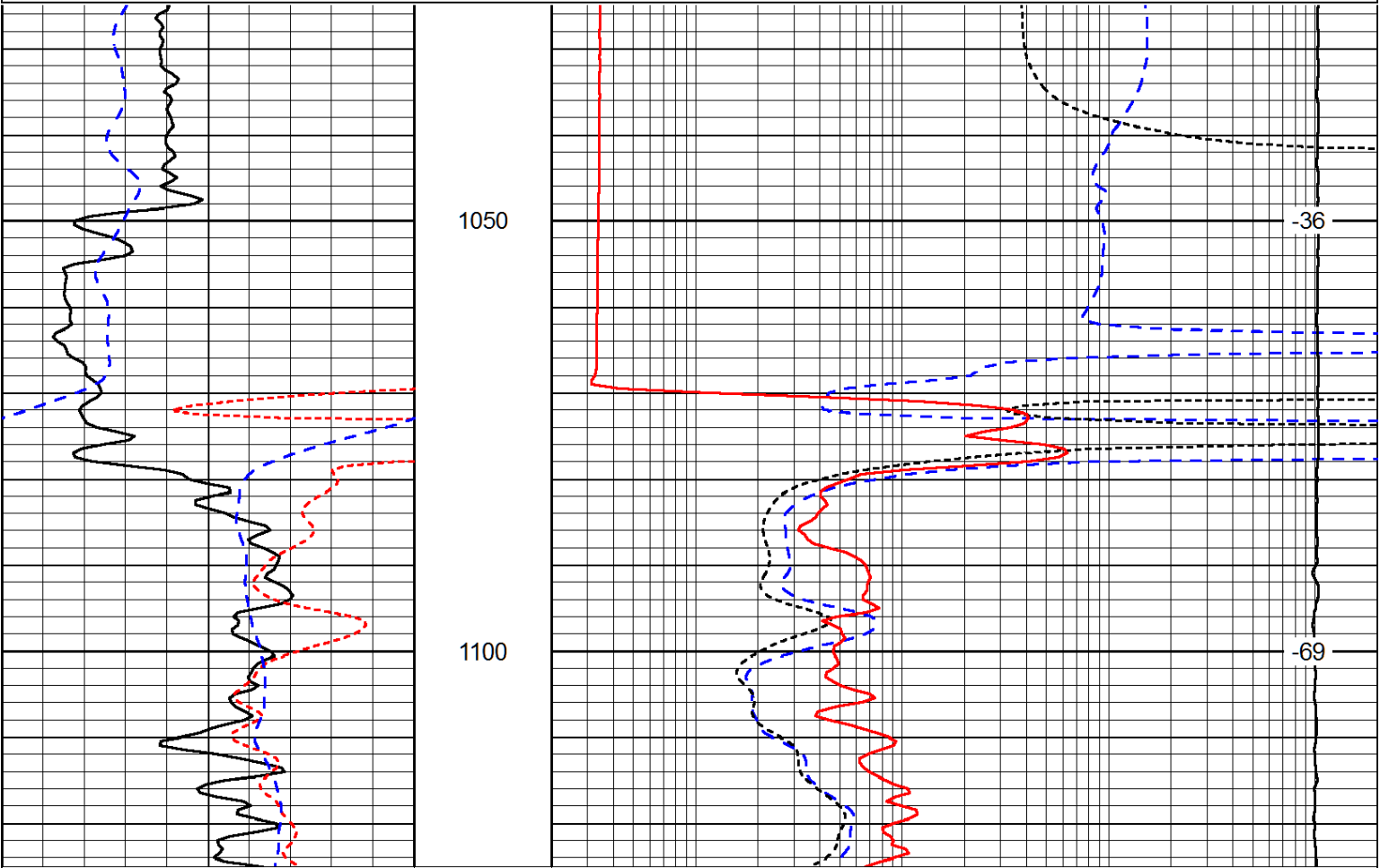




1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

Database File:	lb_exploration_alexis_b_1hd.db
Dataset Pathname:	DIL/lbstck
Presentation Format:	dil
Dataset Creation:	Sat Nov 22 23:31:28 2014
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray	150	0.2	Deep Resistivity	2000
-160	RxoRt	40	0.2	Medium Resistivity	2000
-200	SP (mV)	0	0.2	Shallow Resistivity	2000
			10000	Line Tension	0
					LSPD



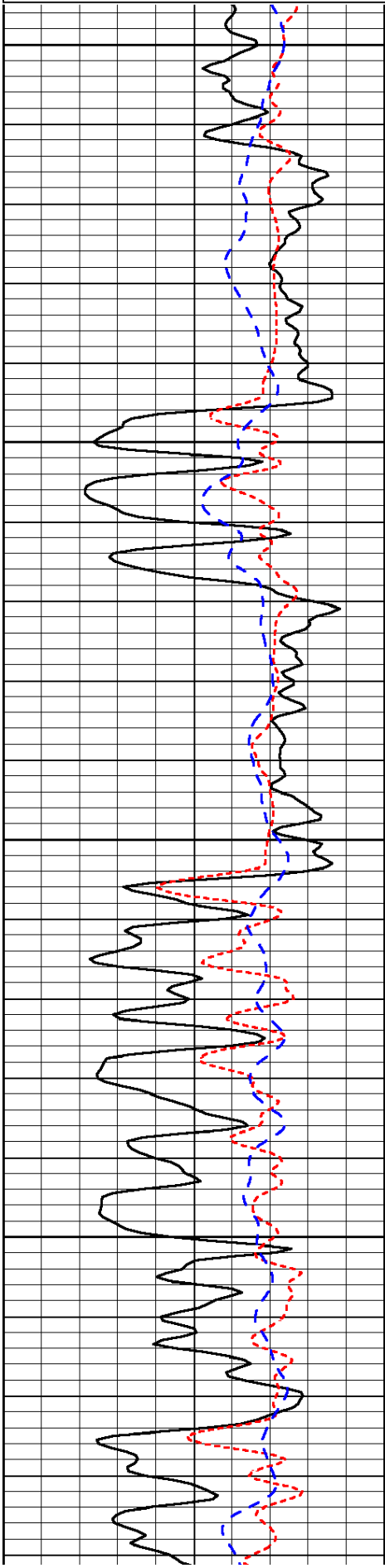
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-160	RxoRt	40	0.2	Medium Resistivity	2000
-200	SP (mV)	0	0.2	Shallow Resistivity	2000
			10000	Line Tension	0
					LSPD

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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

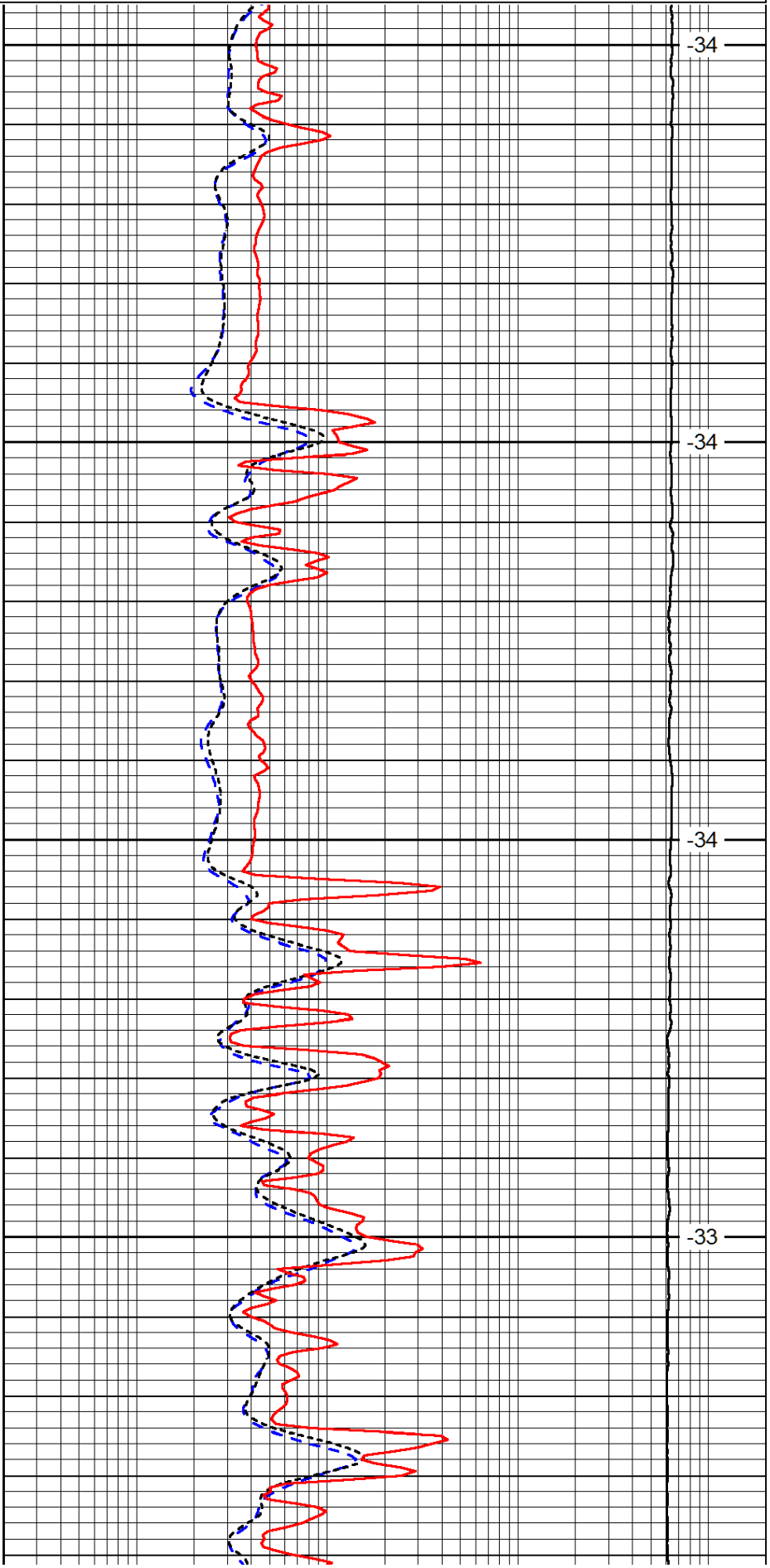


2700

2750

2800

2850

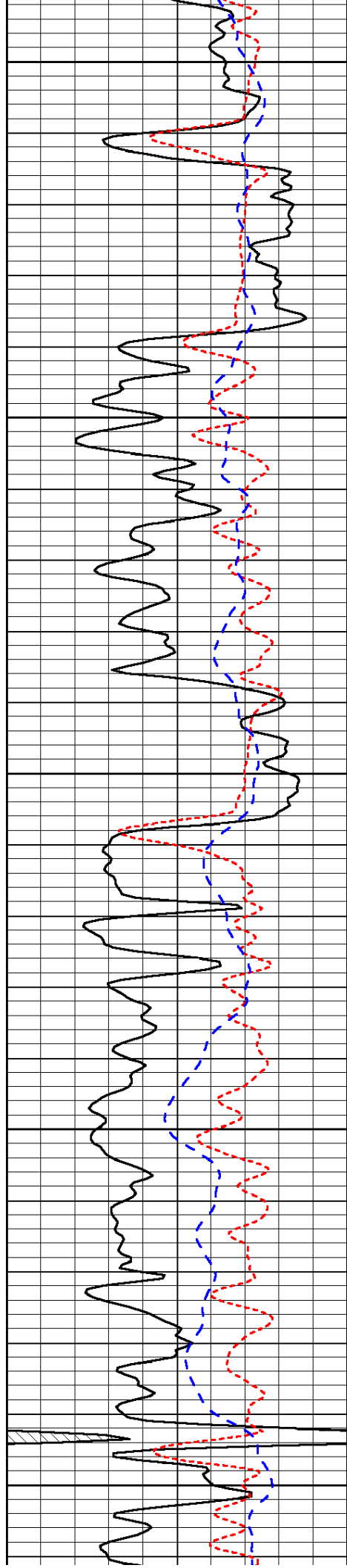


-34

-34

-34

-33



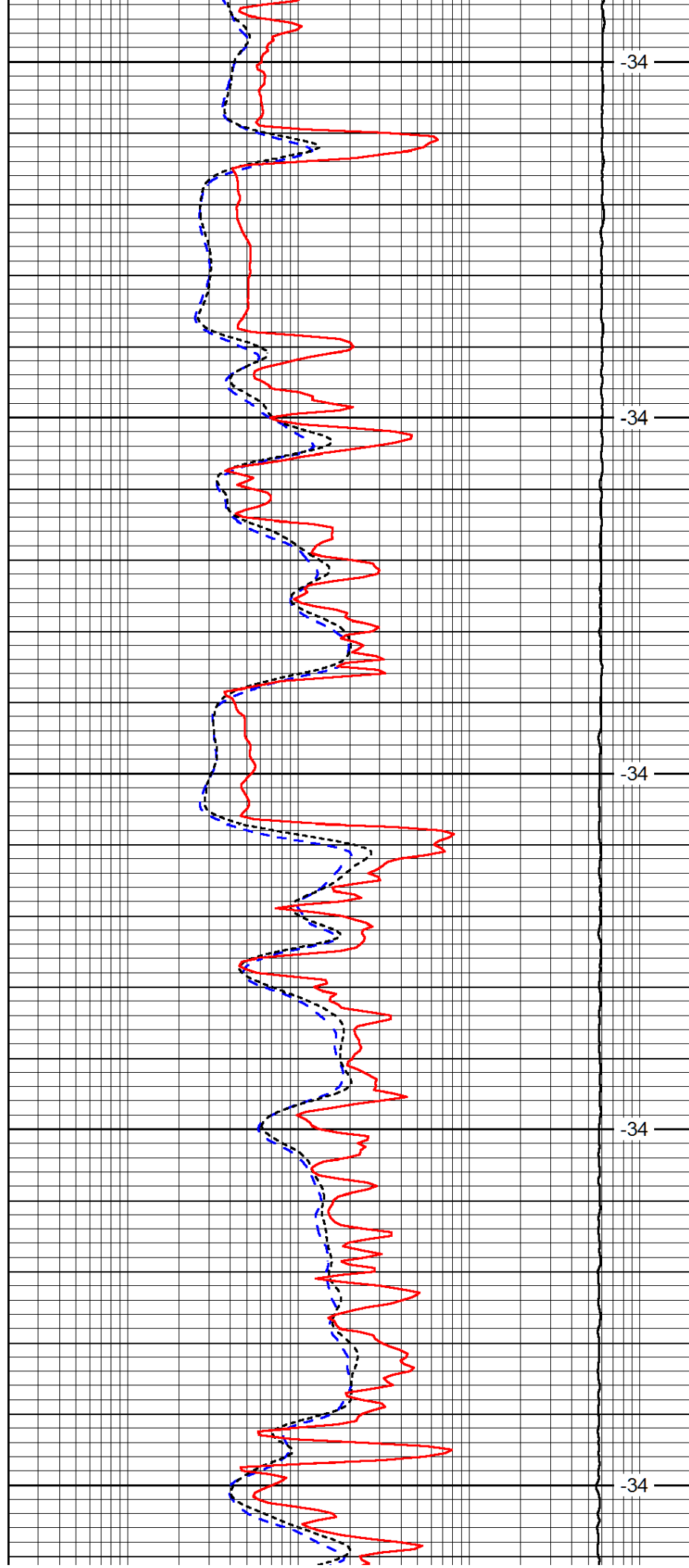
2900

2950

3000

3050

3100



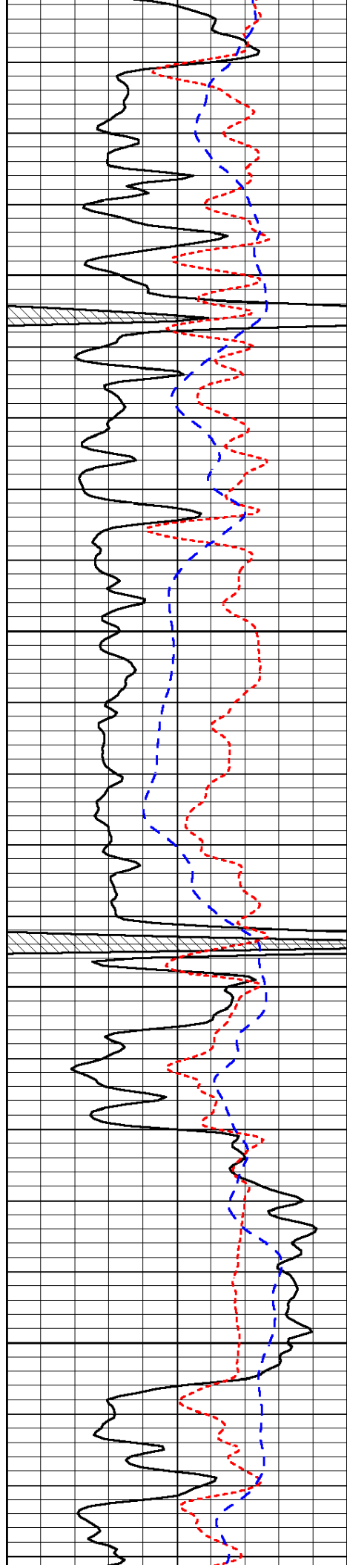
-34

-34

-34

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-34

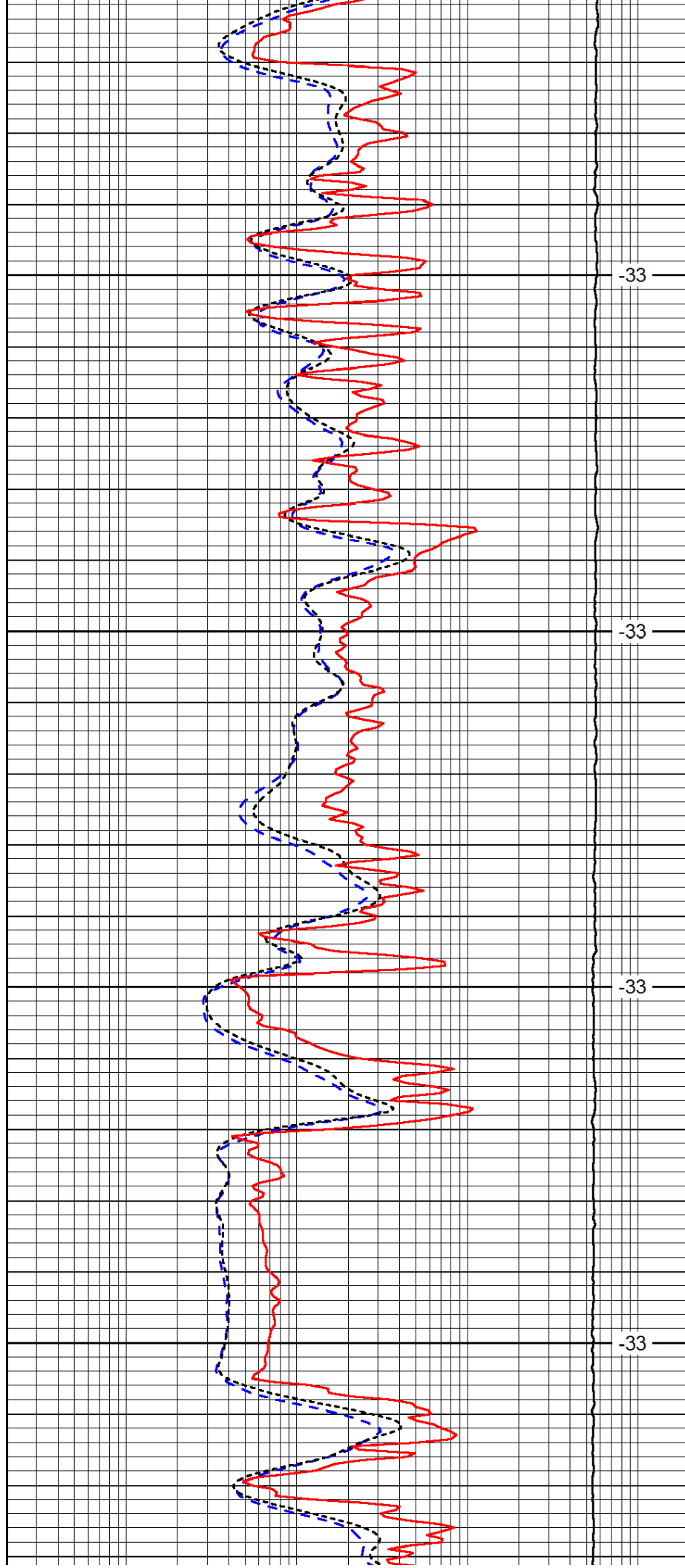


3150

3200

3250

3300

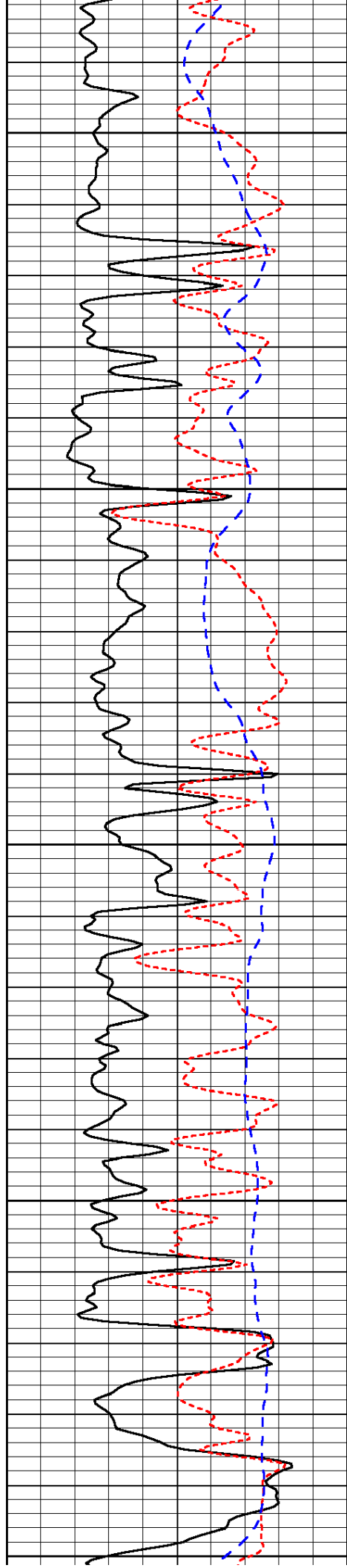


-33

-33

-33

-33



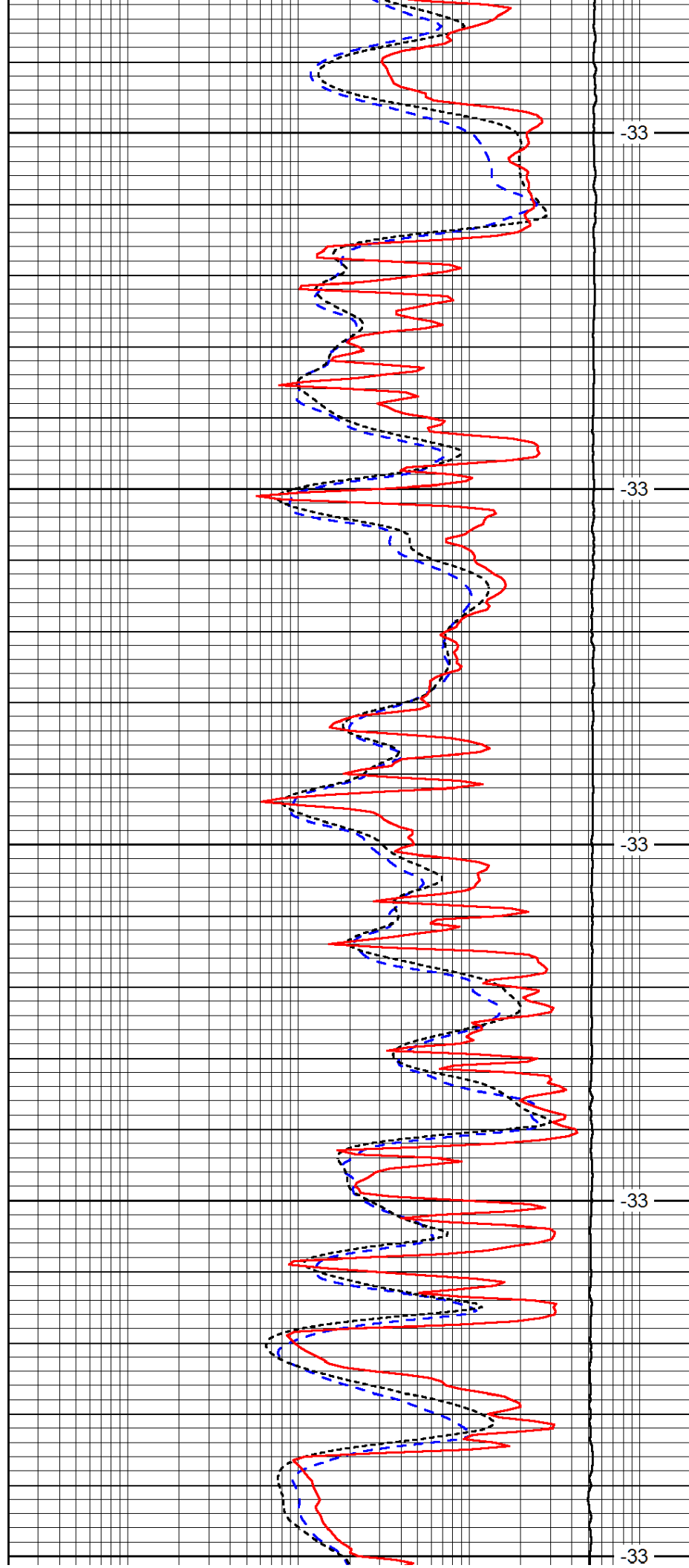
3350

3400

3450

3500

3550



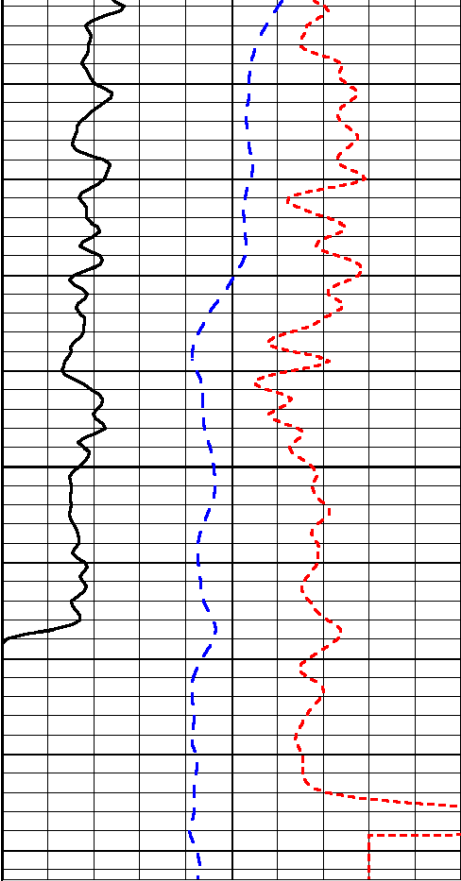
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-33

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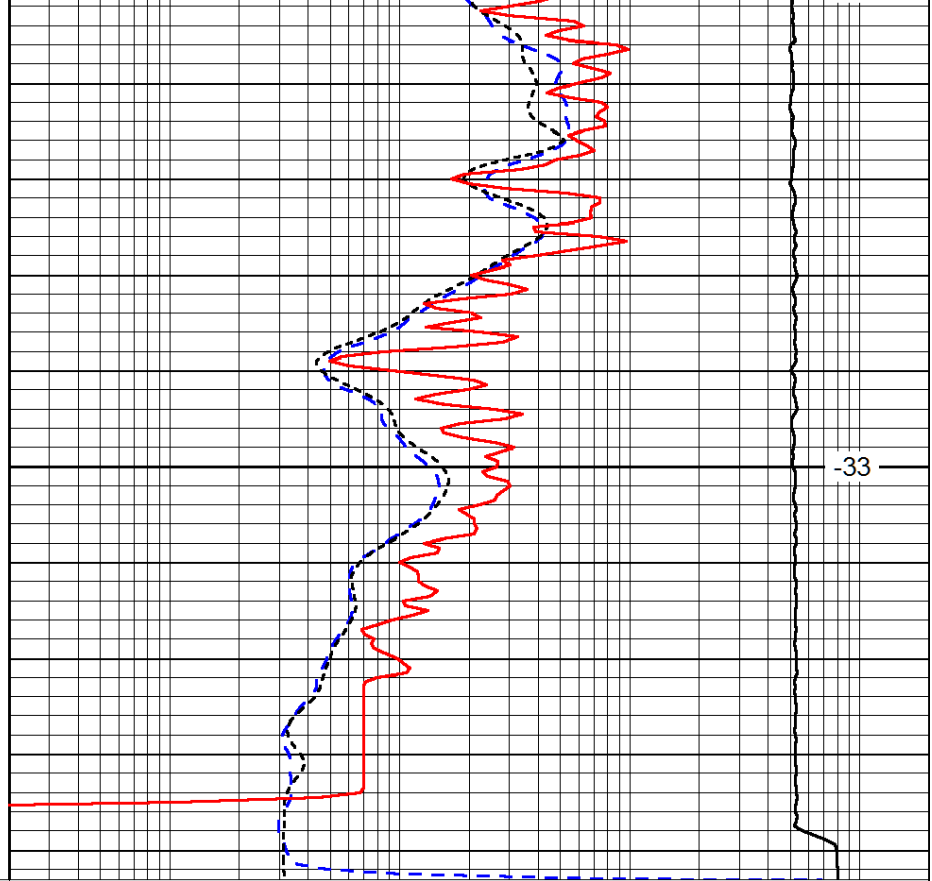
-33

-33



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

3600



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

LSPD