

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-135-25352-00-00

Company American Warrior, Inc.

Well Delaney #2-23

Field Schaben

County

Ness

State

Kansas

Location

1377' FNL & 1417' FWL

Other Services

CNL/CDL

Sec: 23

Twp: 19S

Rge: 22W

Elevation

Permanent Datum

Ground Level

Elevation 2229

Log Measured From

Kelly Bushing

6

Ft. Above Perm. Datum

K.B. 2235

D.F.

G.L. 2229

Drilling Measured From

Kelly Bushing

6

Ft. Above Perm. Datum

K.B. 2235

D.F.

G.L. 2229

Date

3/28/2012

Run Number

One

Depth Driller

4371

Depth Logger

4364

Bottom Logged Interval

4363

Top Log Interval

200

Casing Driller

8.625 @ 223

Casing Logger

219

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

7600

Density / Viscosity

9.2 66

pH / Fluid Loss

10.5 8.4

Source of Sample

Flowline

Rm @ Meas. Temp

0.32 @ 72

Rmf @ Meas. Temp

0.24 @ 72

Rmc @ Meas. Temp

0.43 @ 72

Source of Rmf / Rmc

Charts

Rm @ BHT

0.19 @ 120

Operating Rig Time

2 Hours

Max Rec. Temp. F

120

Equipment Number

10

Location

Hays

Recorded By

D. Schmidt

Witnessed By

Jason Alm

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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

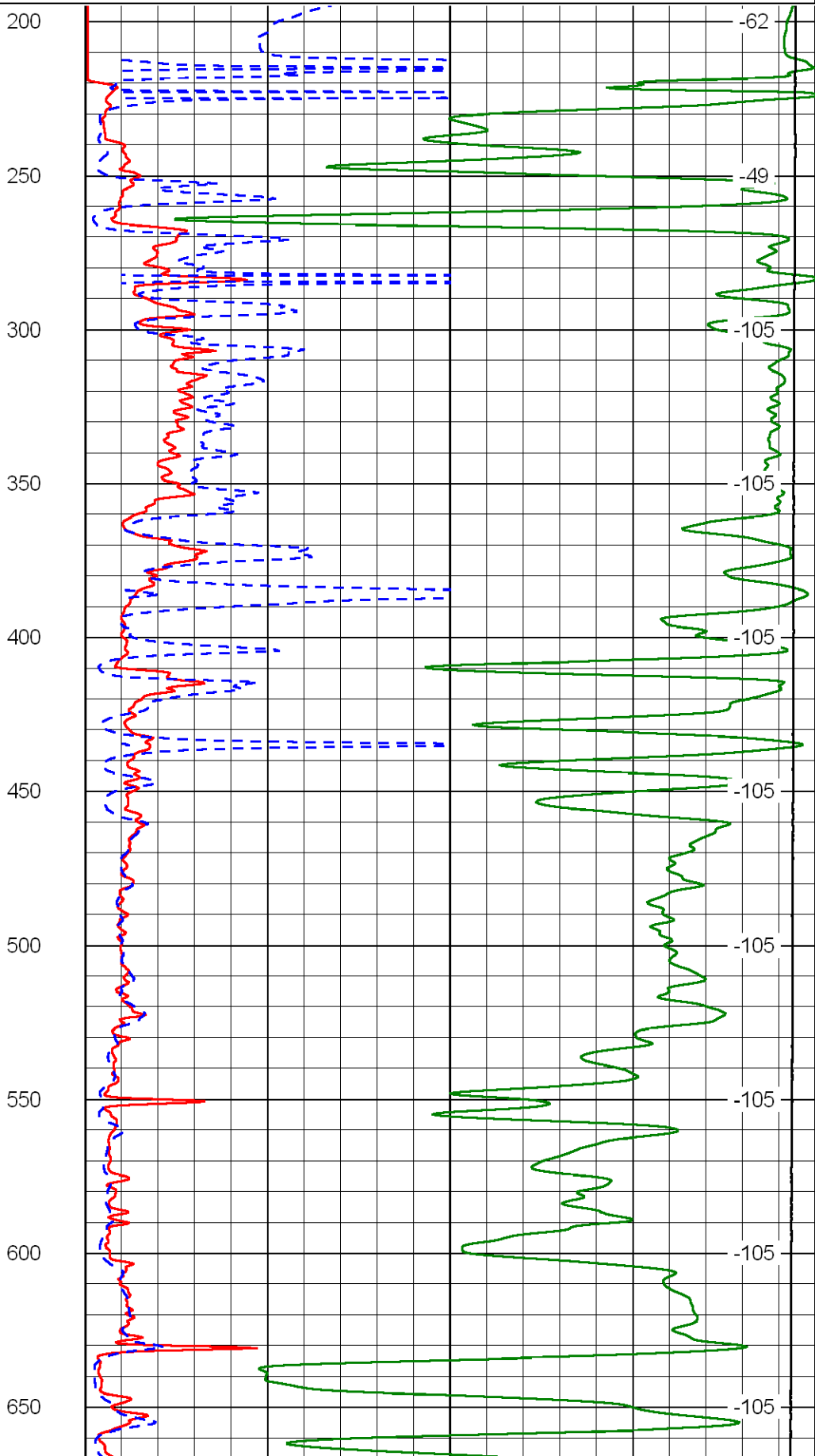
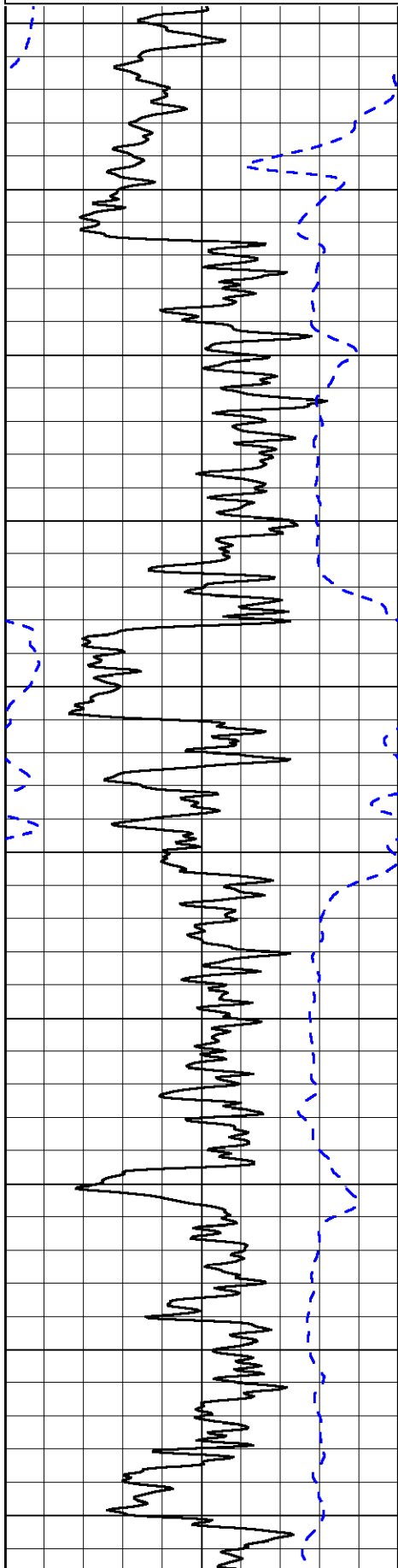
Bazine (W edge),
4 S to 90 Rd, 1 1/2 W,
S into

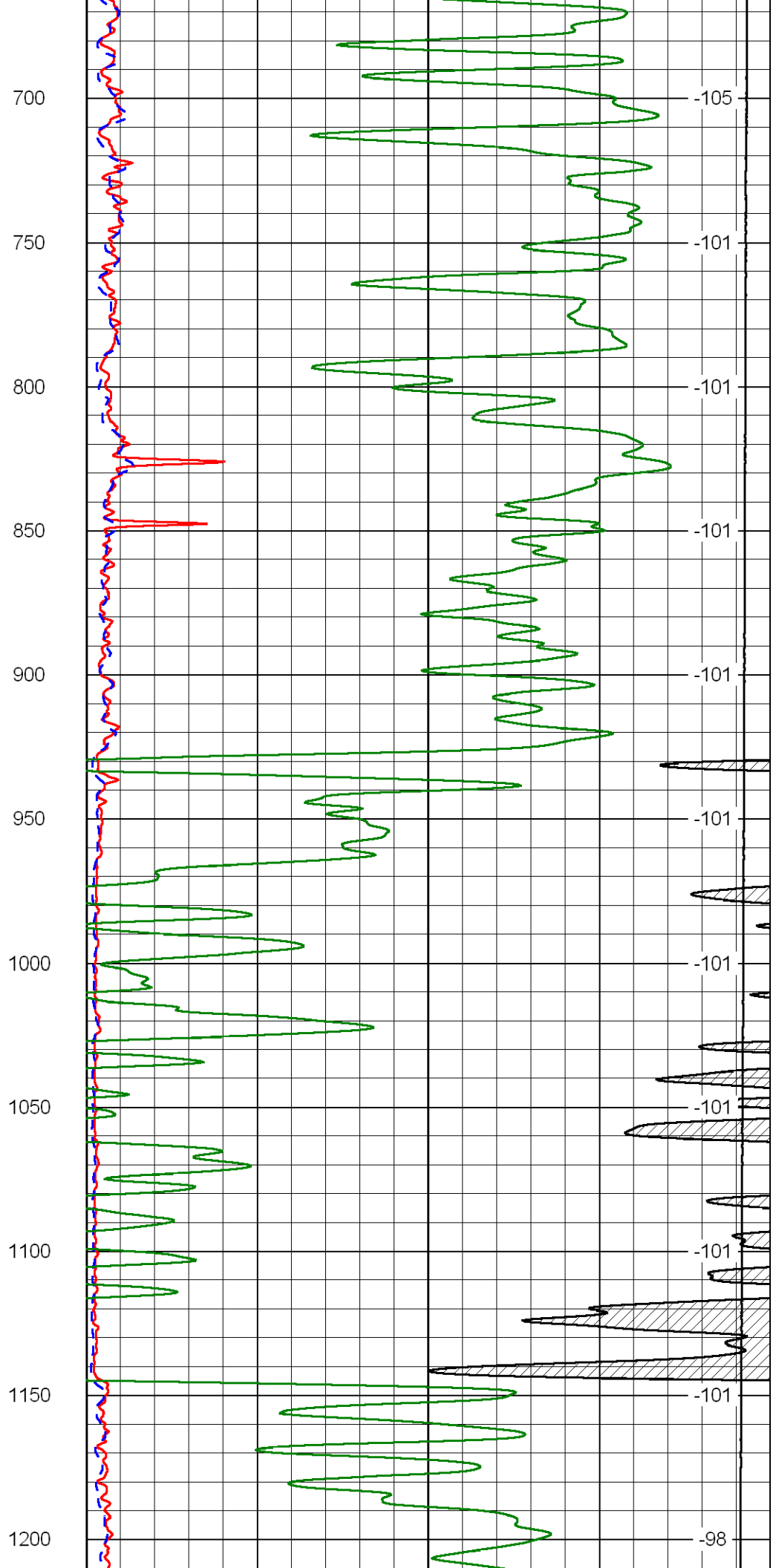
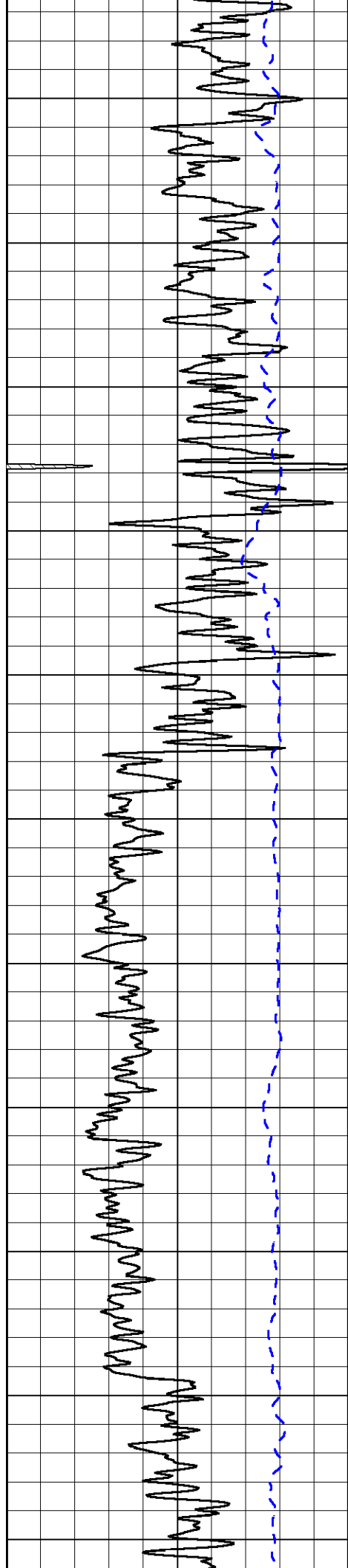
Database File: aw_delaney_2-23hd.db
Dataset Pathname: dil/awstack
Presentation Format: dil2in
Dataset Creation: Wed Mar 28 16:35:22 2012
Charted by: Depth in Feet scaled 1:600

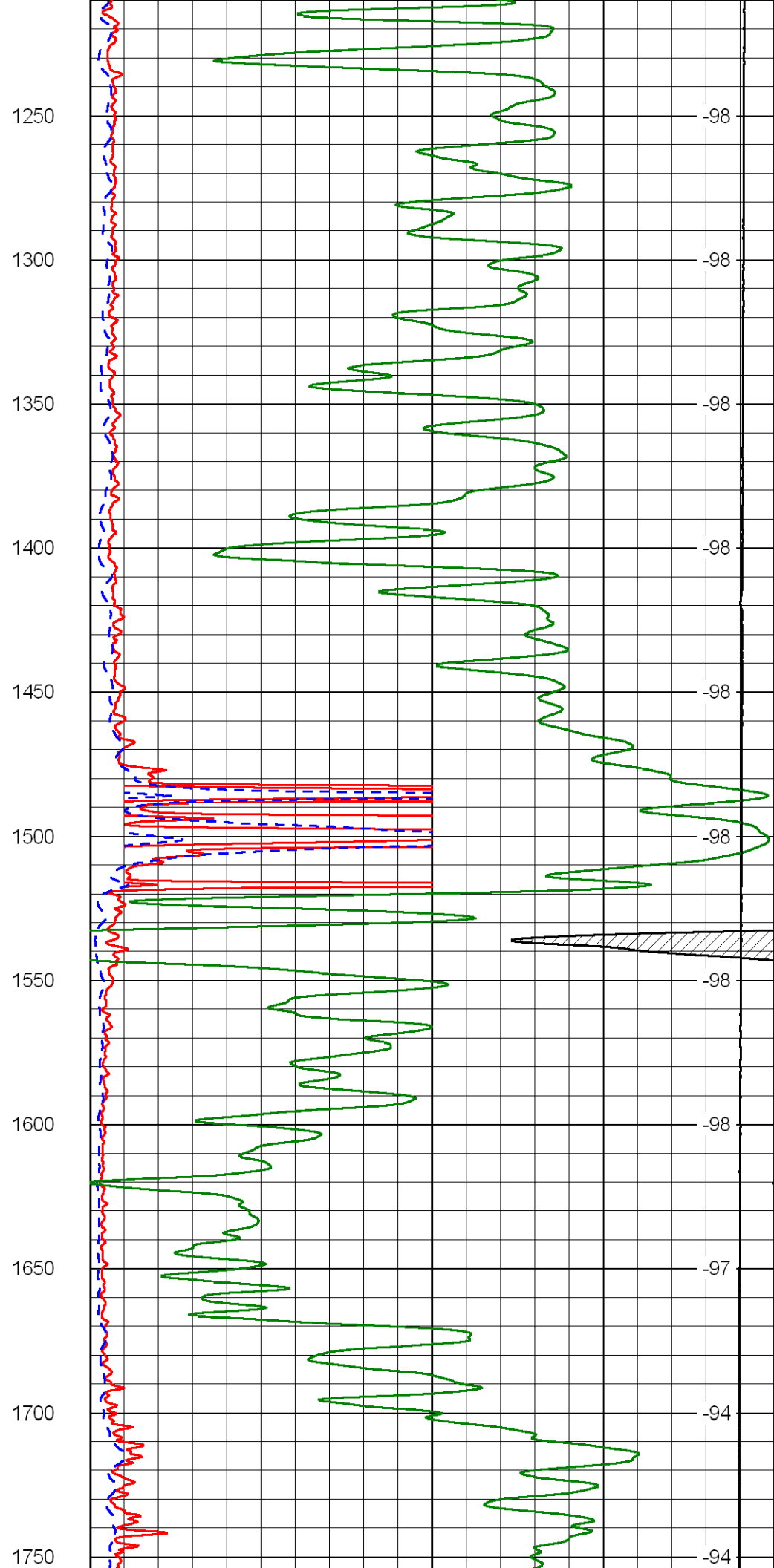
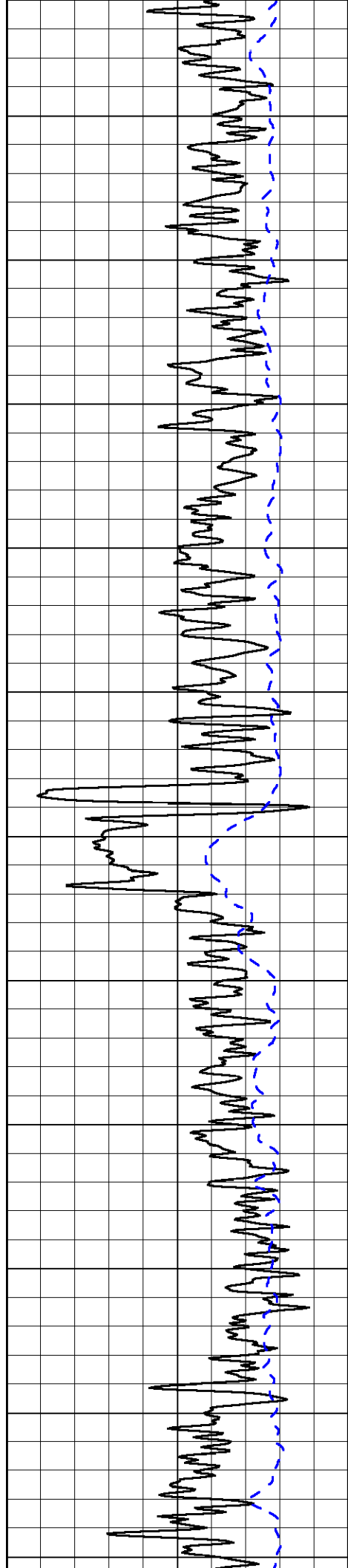
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-200	SP	0

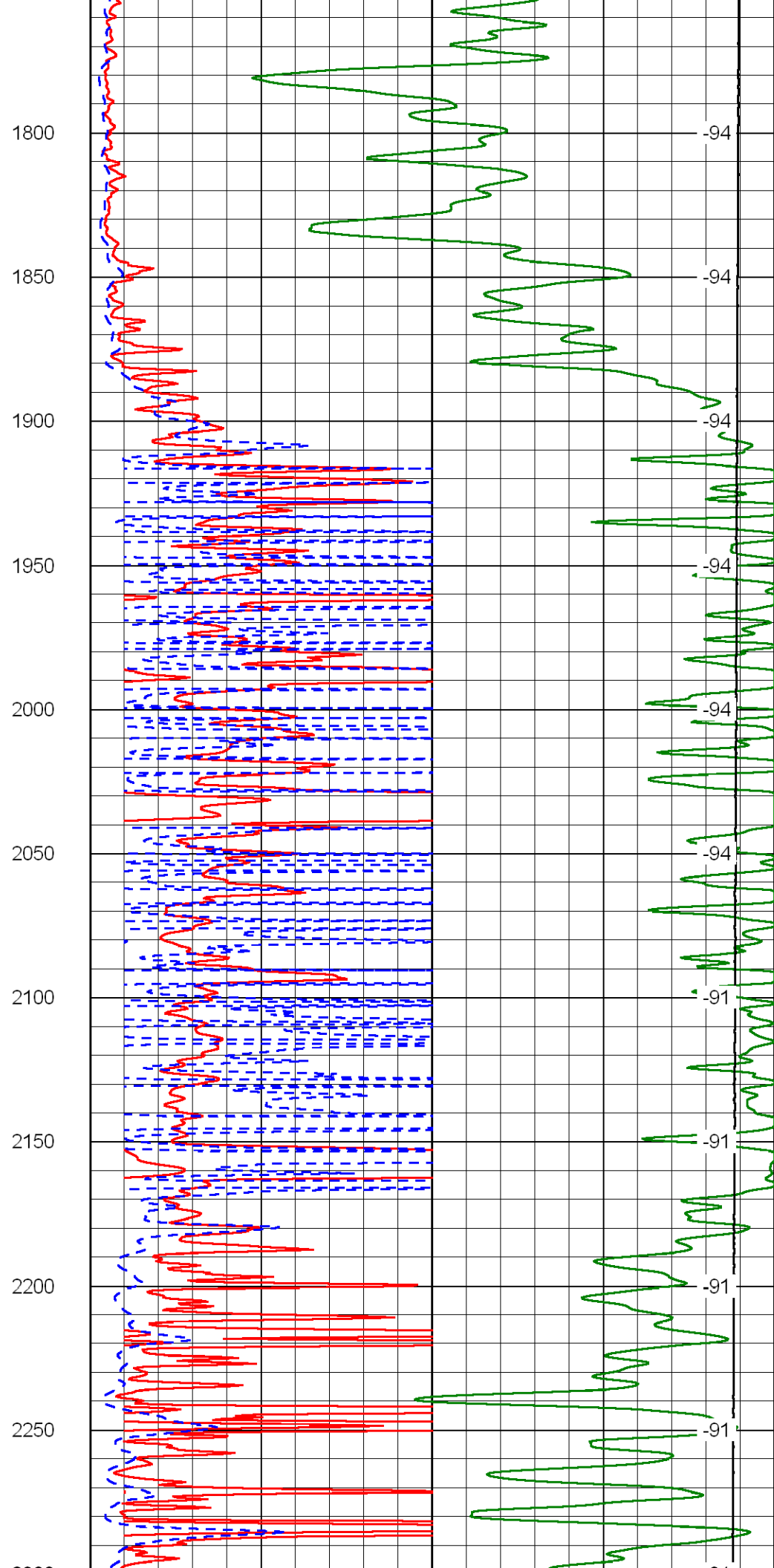
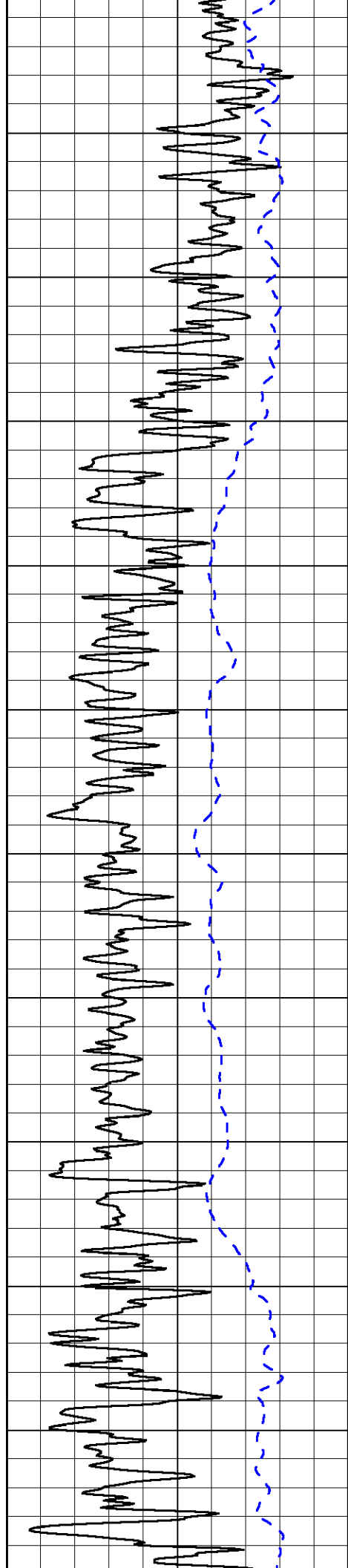
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0

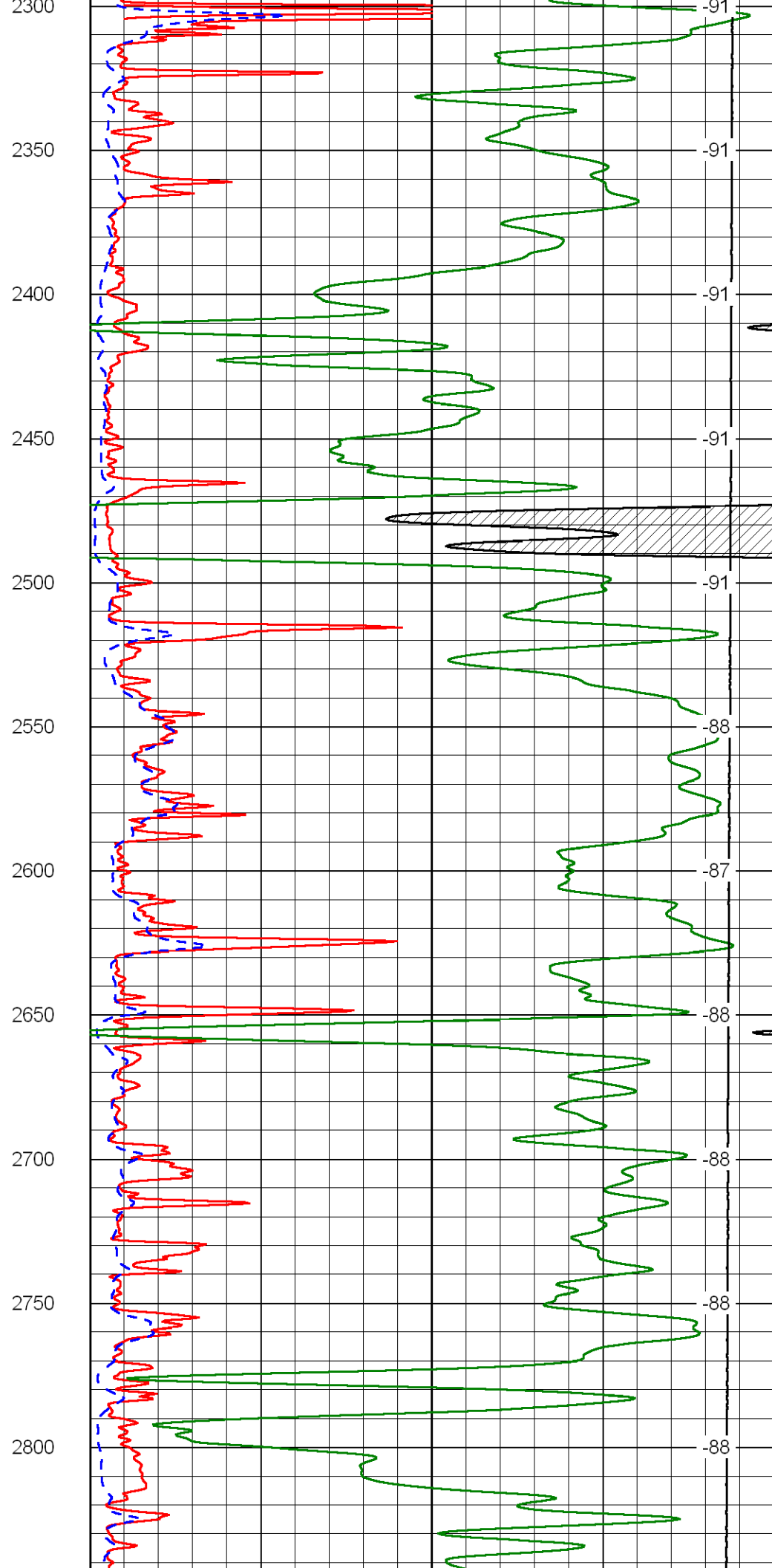
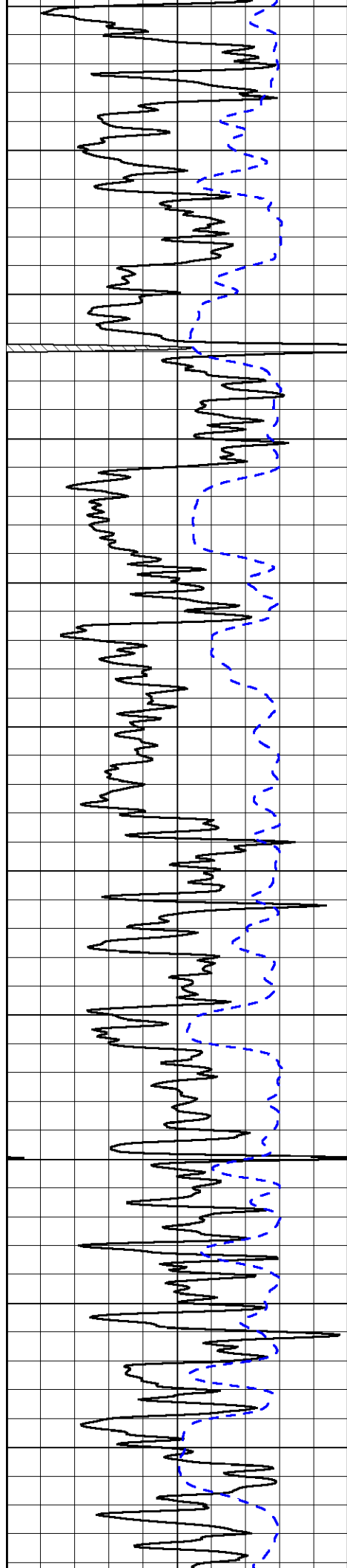
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50	Deep Resistivity	500

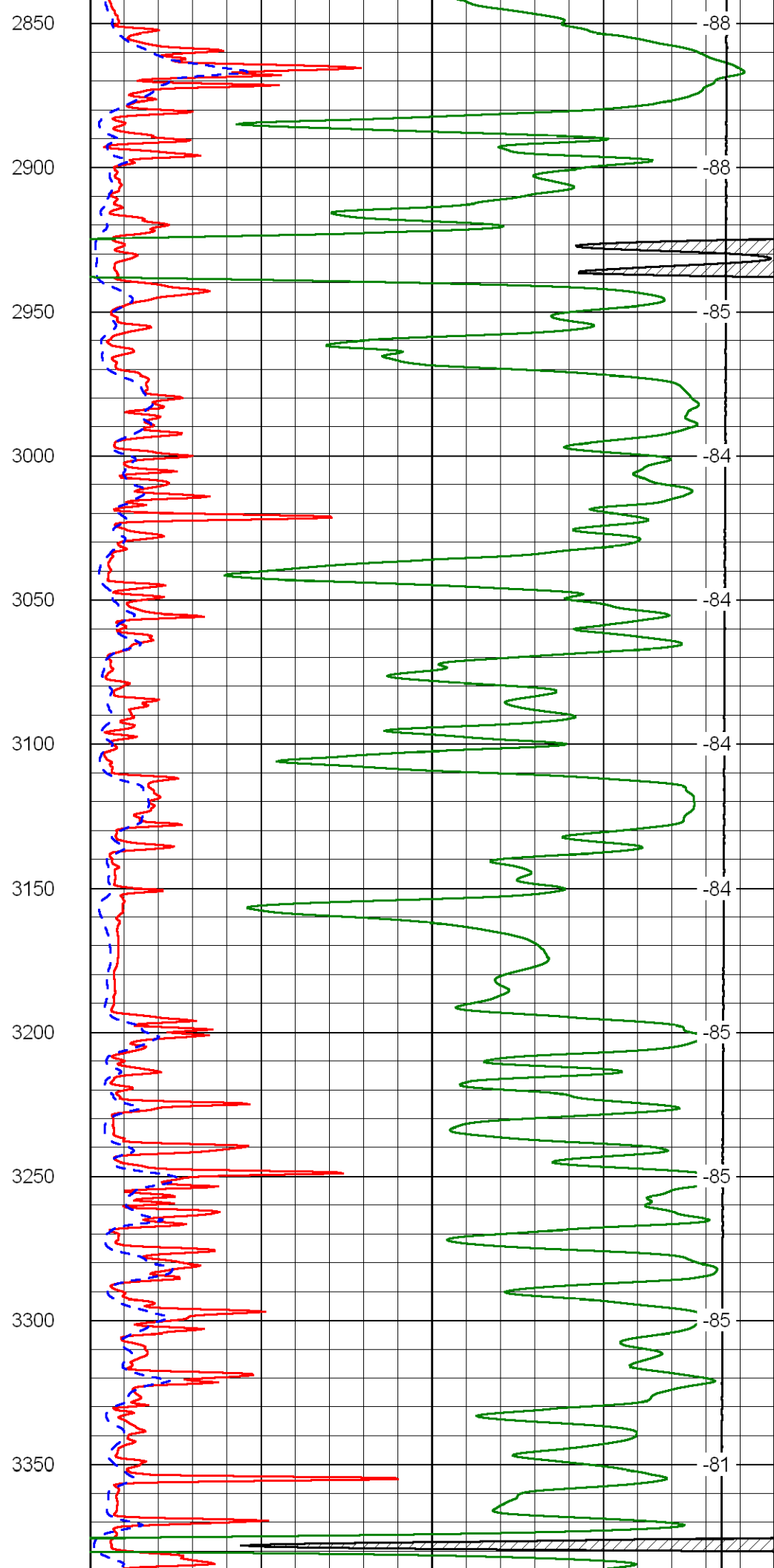
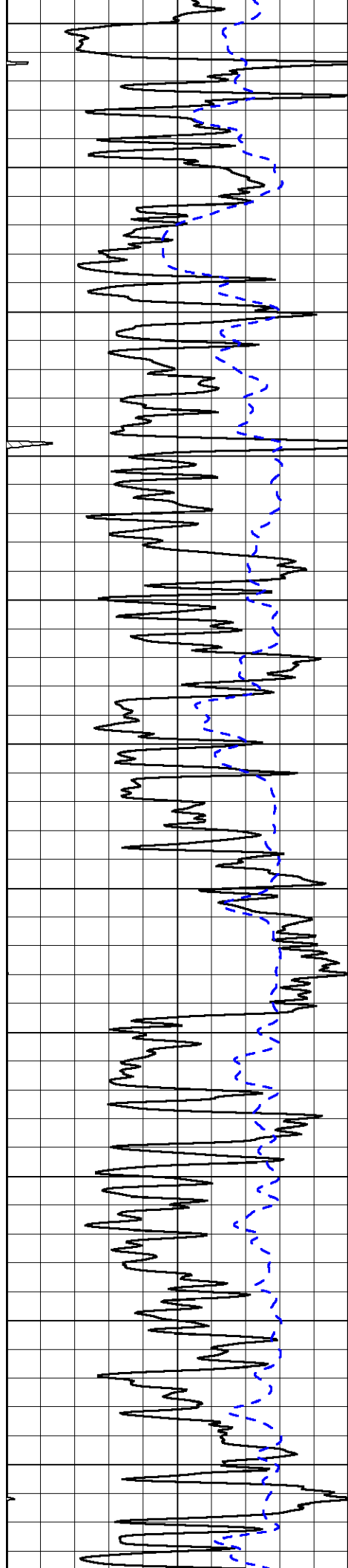


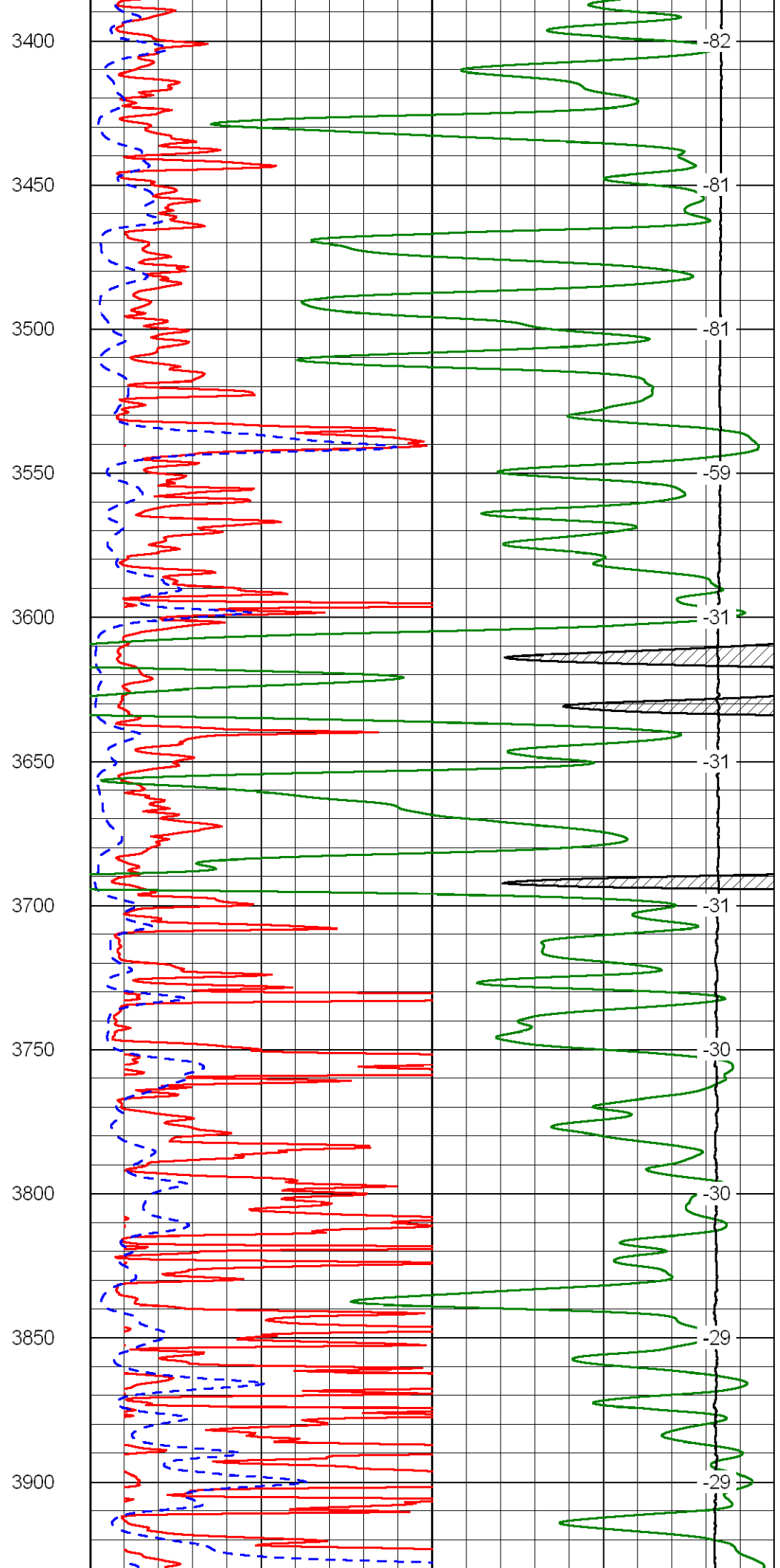
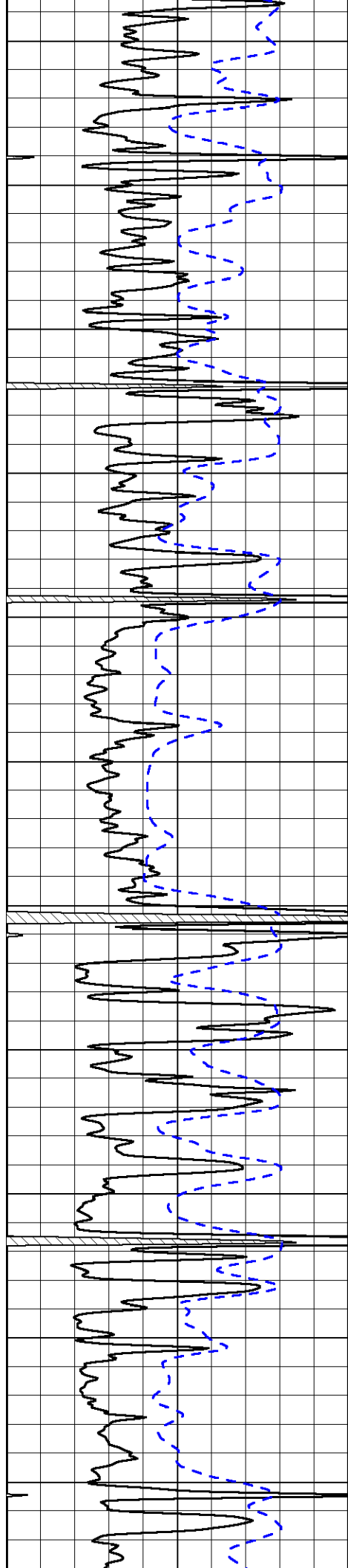


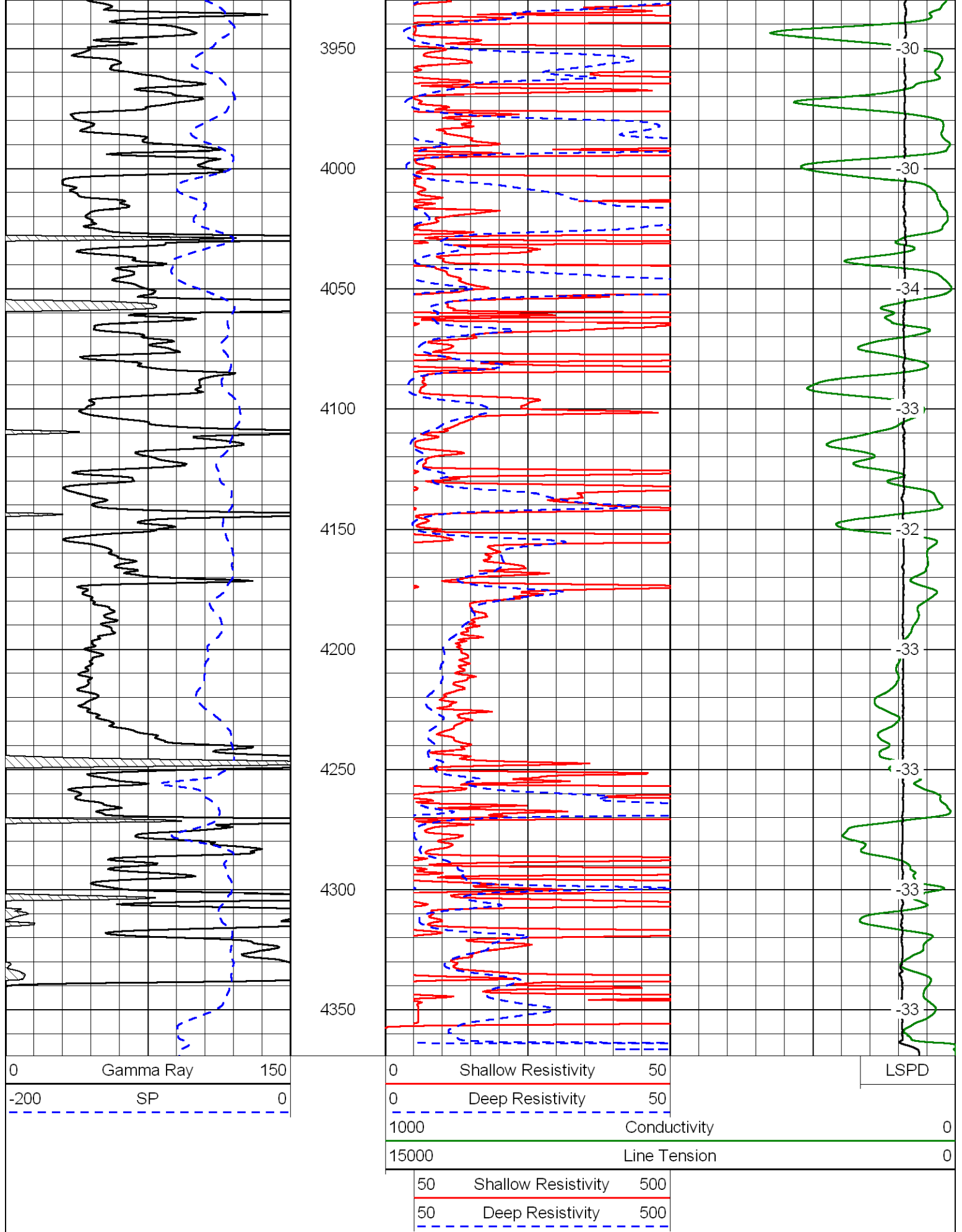










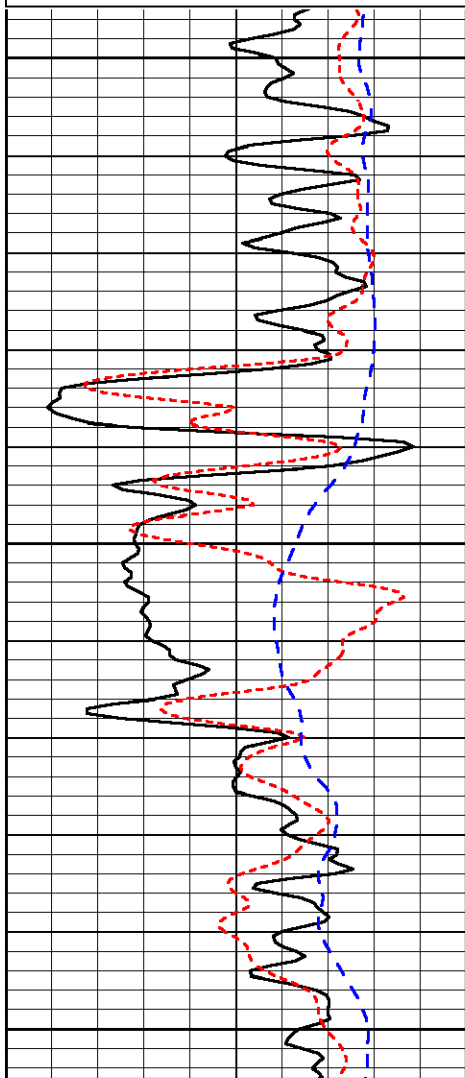


Dataset Pathname: dil/awstack
Presentation Format: dil
Dataset Creation: Wed Mar 28 16:35:22 2012
Charted by: Depth in Feet scaled 1:240

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-160	RXO/RT	40
-200	SP	0

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

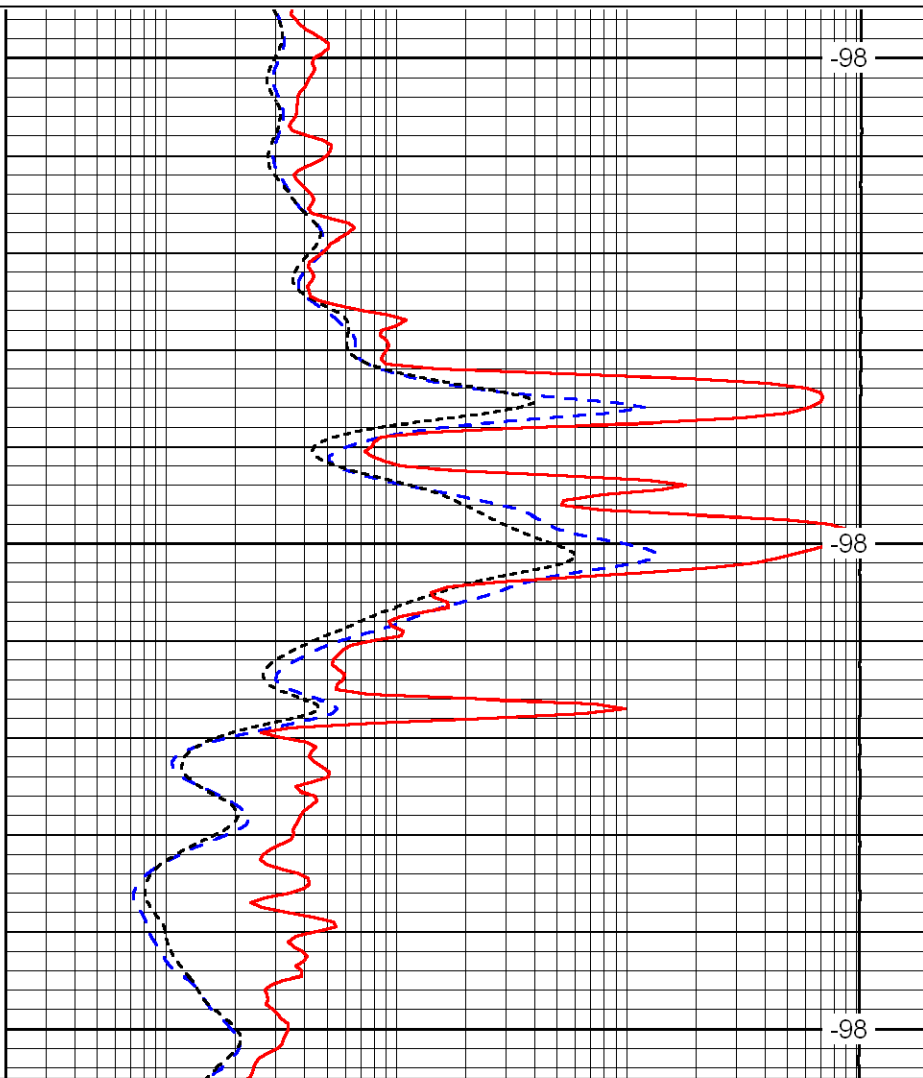
LSPD



1450

1500

1550



-98

-98

-98

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

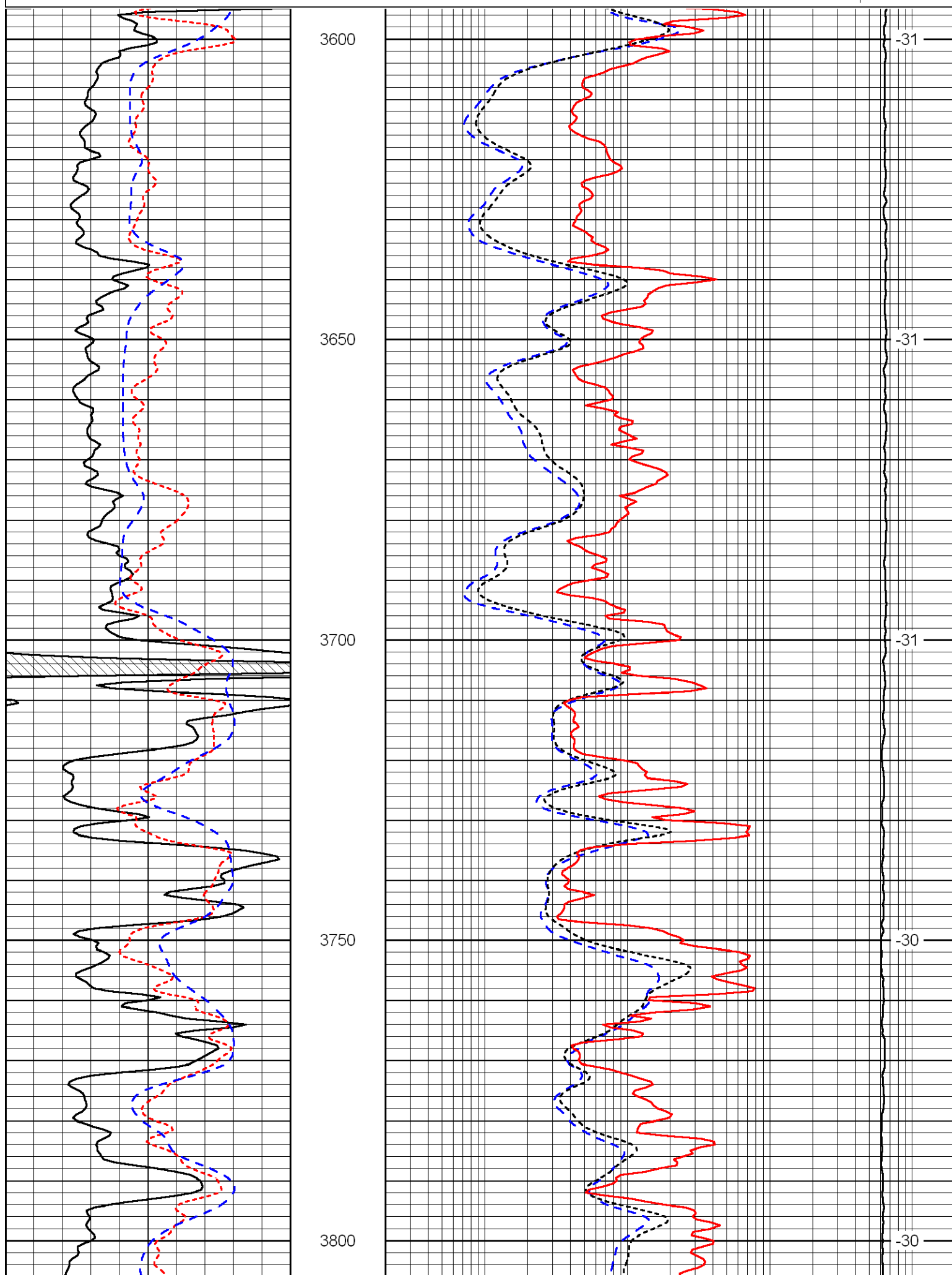
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0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

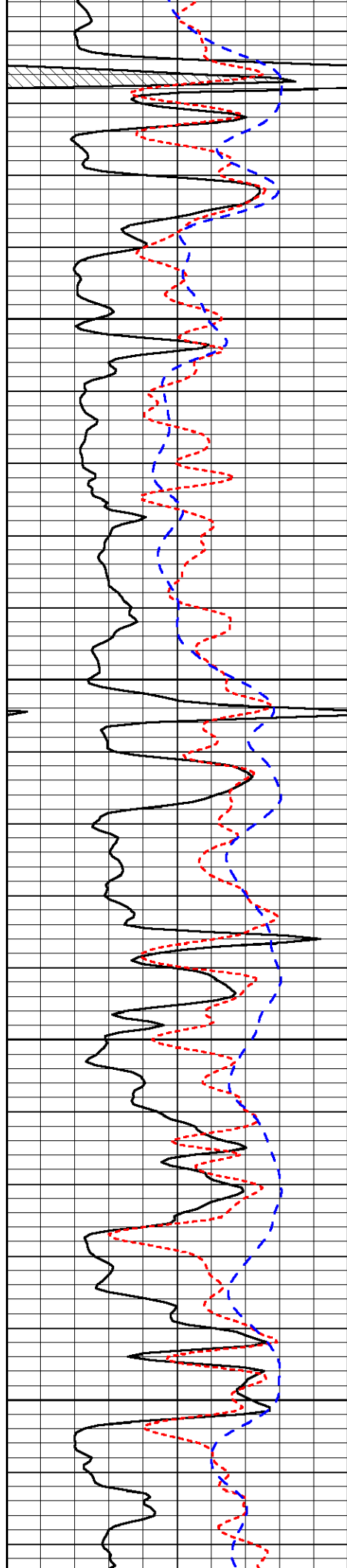
LSPD

Database File: aw_delaney_2-23hd.db
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-160	RXO/RT	40
-200	SP	0

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



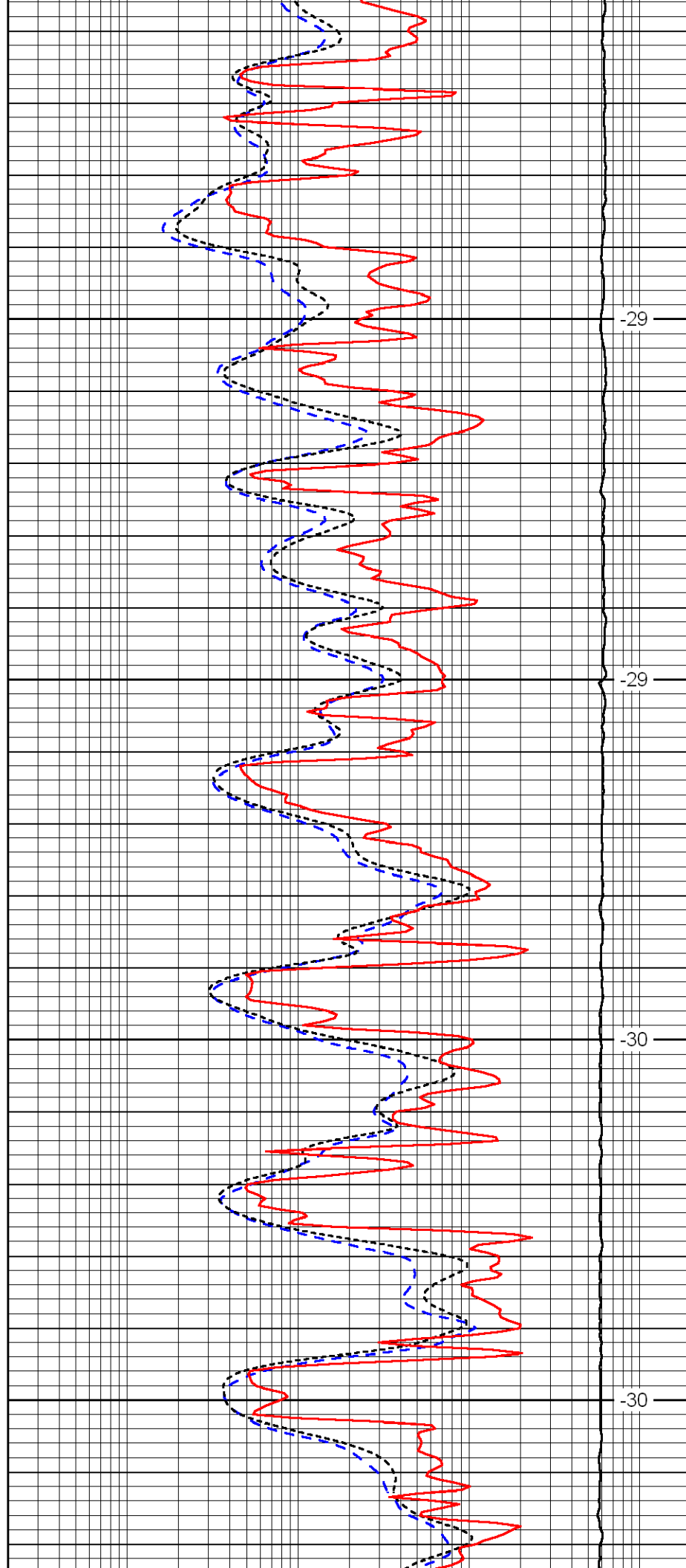


3850

3900

3950

4000

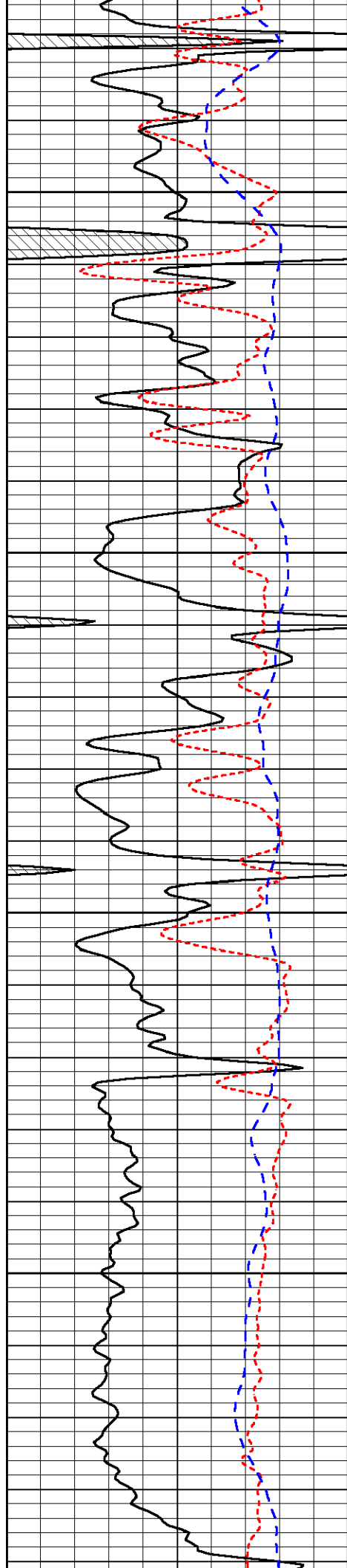


-29

-30

-30

-30

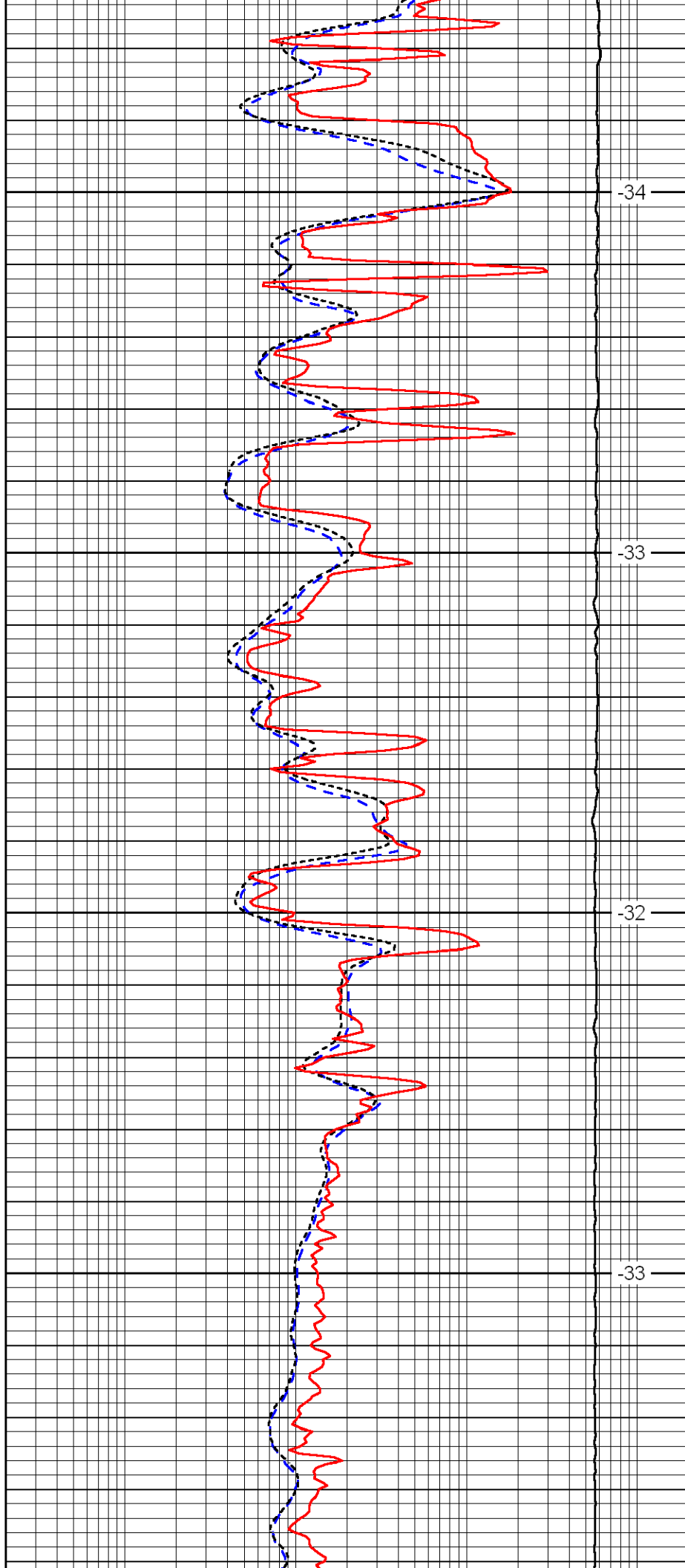


4050

4100

4150

4200

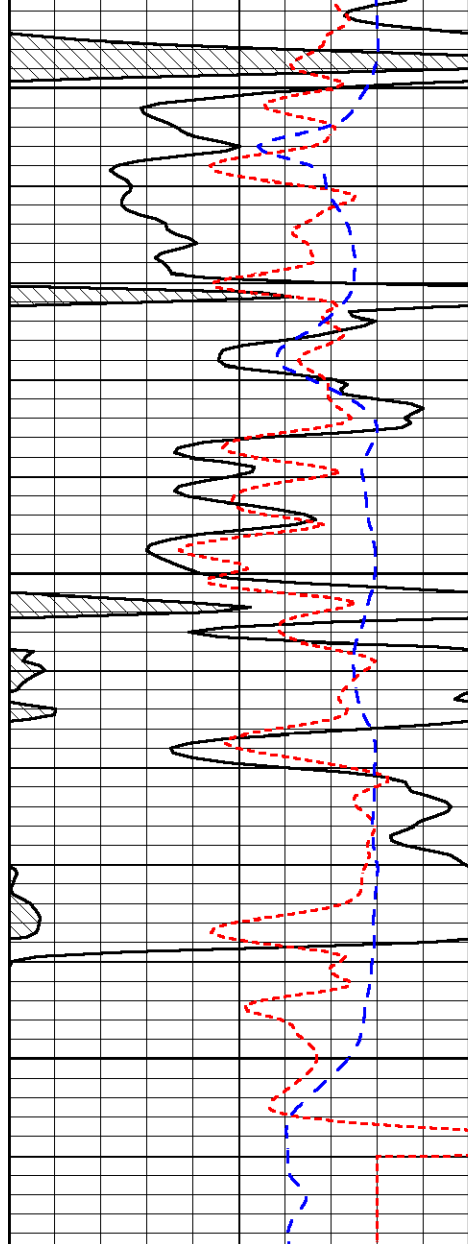


-34

-33

-32

-33

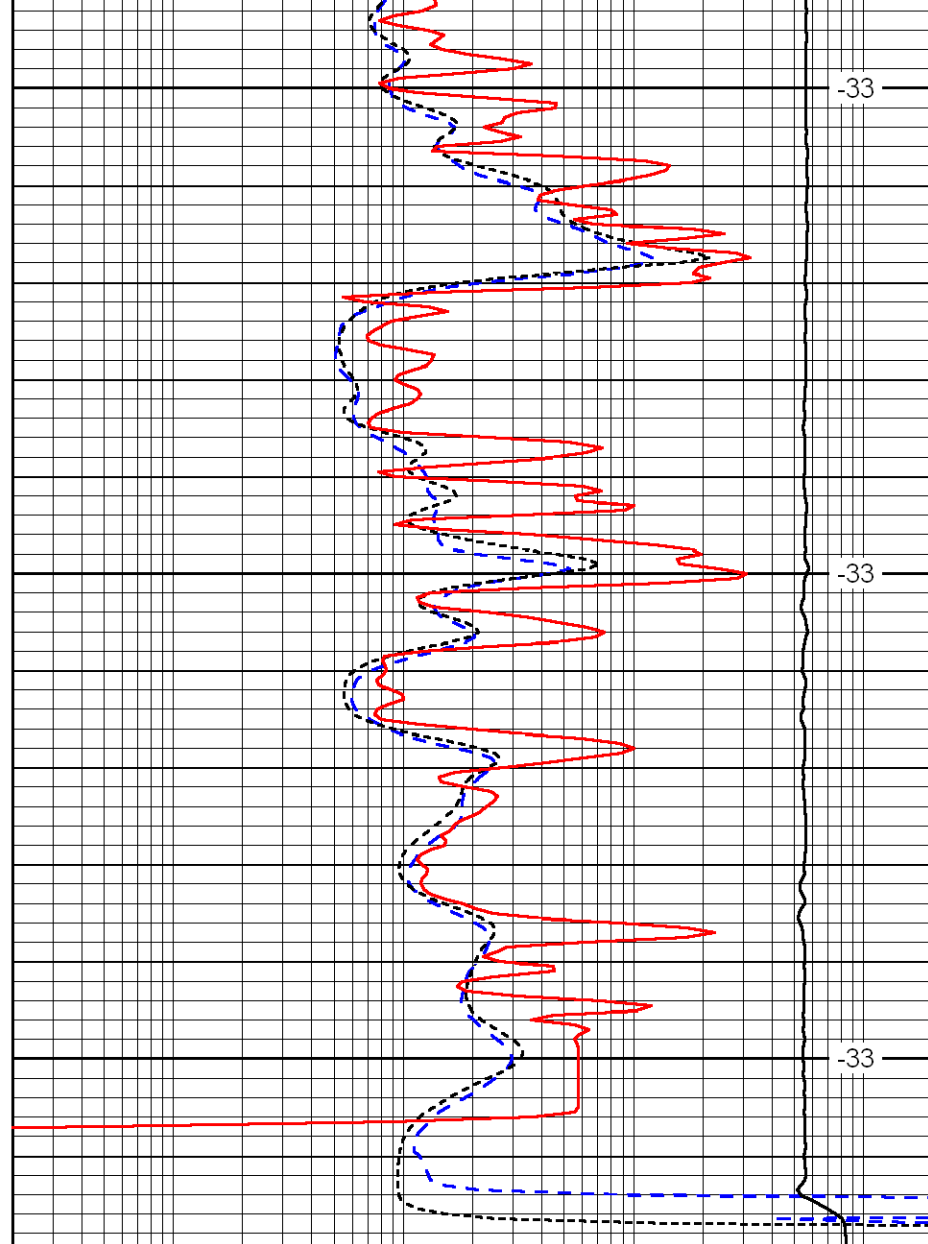


0	Gamma Ray	150
-160	RXO/RT	40
-200	SP	0

4250

4300

4350



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

LSPD