



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.

15-135-25,391-00-00

Company American Warrior, Inc.

Well Schwien #3-13

Field DeWald

County Ness State

Kansas

Location 1950' FNL & 2100' FEL

Other Services
CNL/CDL

Sec: 13 Twp: 19 S Rge: 22 W

Permanent Datum Ground Level Elevation 2211
Log Measured From Kelly Bushing 6 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 2217
D.F. 2211
G.L. 2211

Date 5/22/2012

Run Number One

Depth Driller 4347

Depth Logger 4337

Bottom Logged Interval 4336

Top Log Interval 200

Casing Driller 8.625 @ 223

Casing Logger 218

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 3,300

Density / Viscosity 9.6 62

pH / Fluid Loss 10.5 7.6

Source of Sample Flowline

Rm @ Meas. Temp .83 @ 65

Rmf @ Meas. Temp .62 @ 65

Rmc @ Meas. Temp 1.12 @

Source of Rmf / Rmc Charts

Rm @ BHT .44 @ 121

Operating Rig Time 3 Hours

Max Rec. Temp. F 121

Equipment Number 91

Location Hays

Recorded By K. Bange

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

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(785) 625-3858

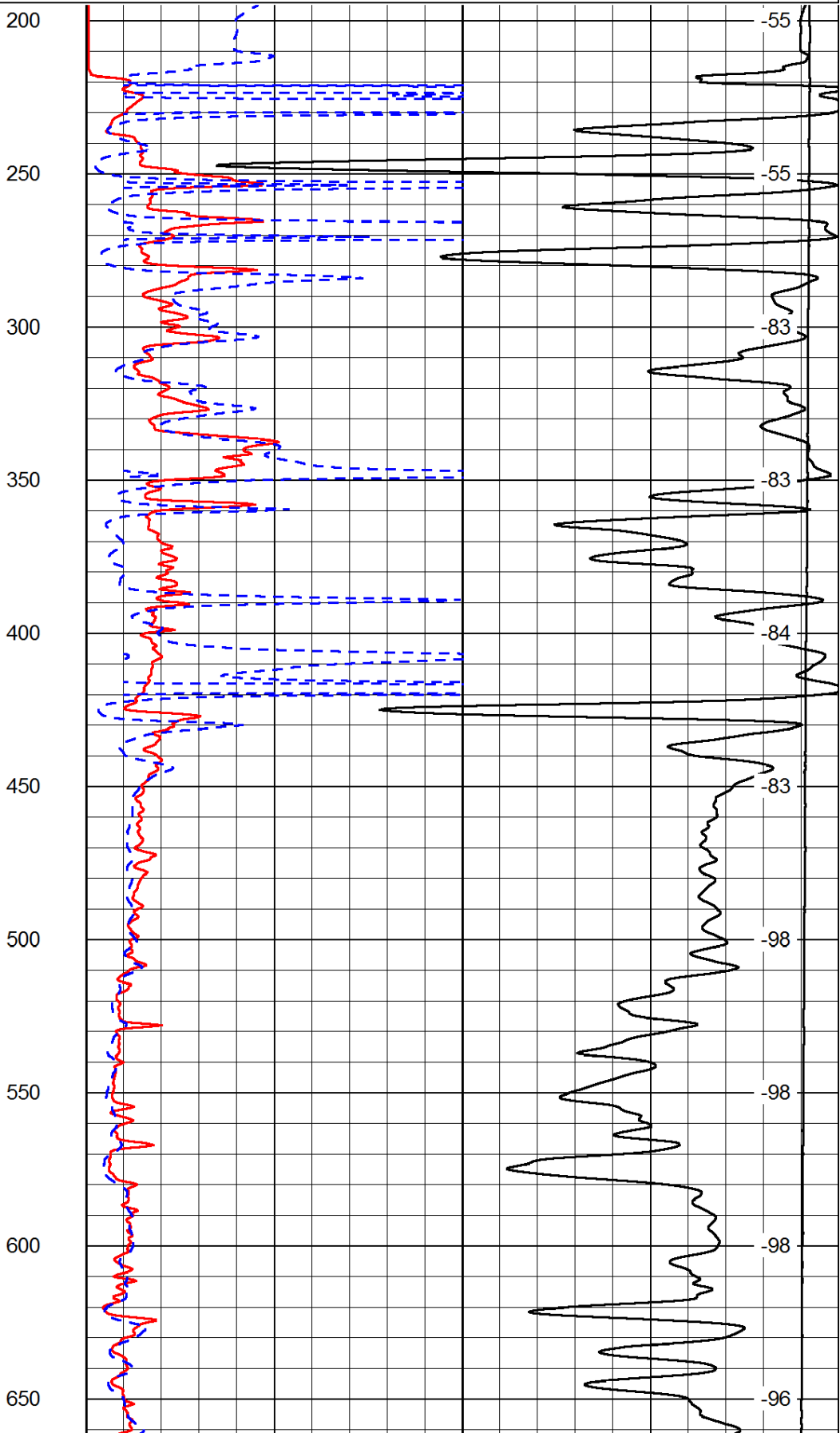
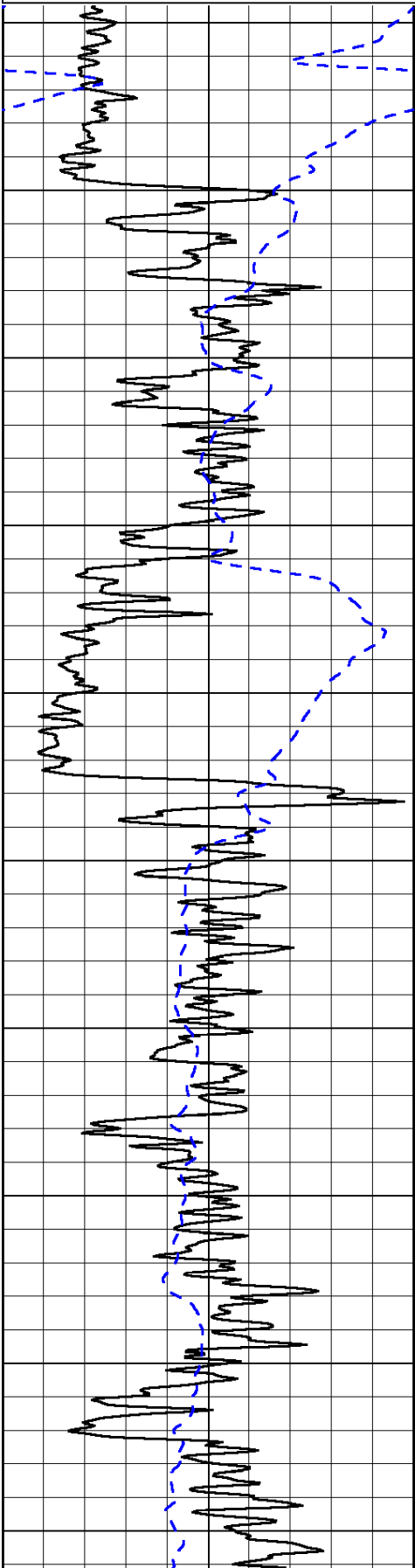
Bazine (W. edge), 3 S, 1/2 W, S into

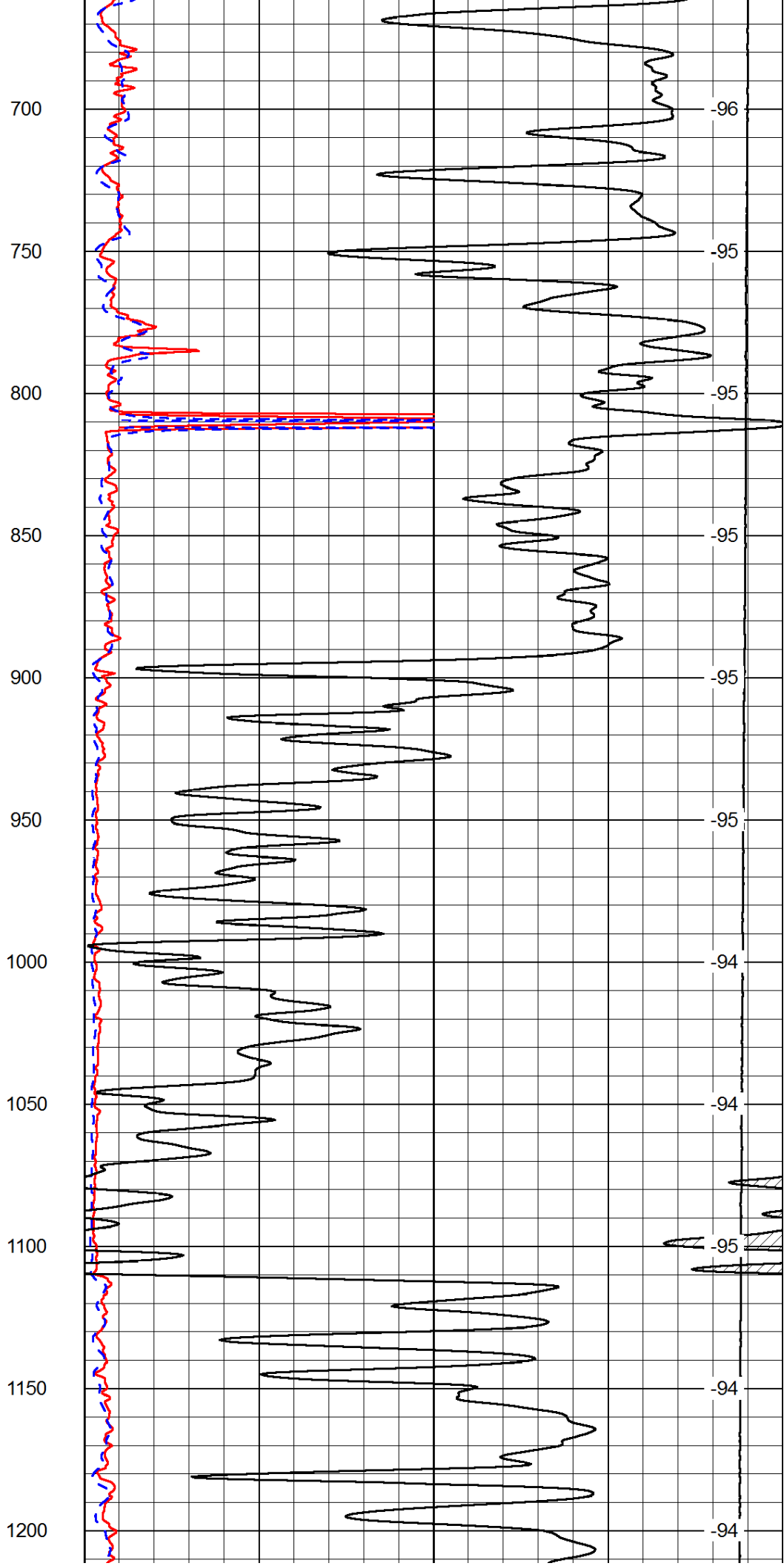
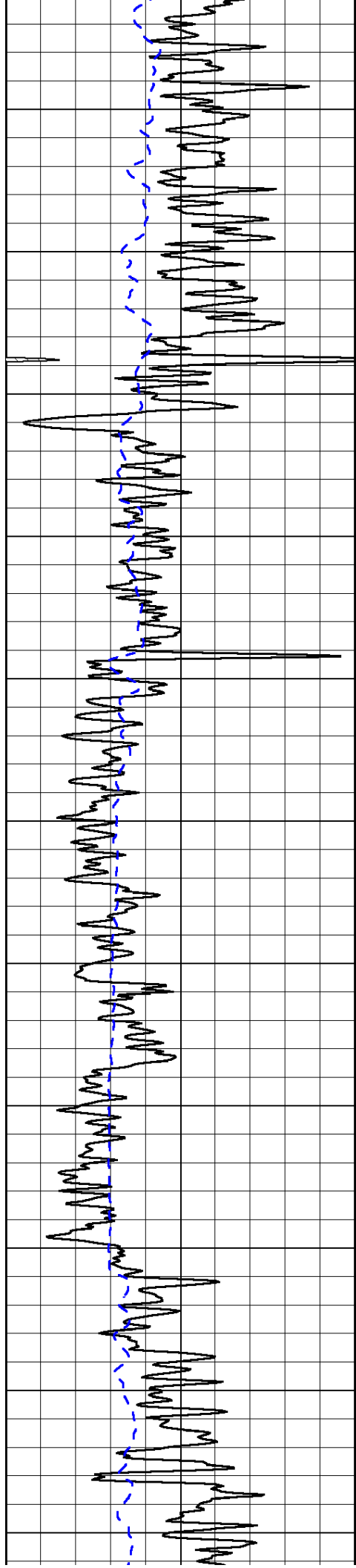
Database File: c:\warrior\data\amwar_schwien #3-13\awar052212hd.db
Dataset Pathname: dil/awstack
Presentation Format: dil2in
Dataset Creation: Tue May 22 09:06:29 2012
Charted by: Depth in Feet scaled 1:600

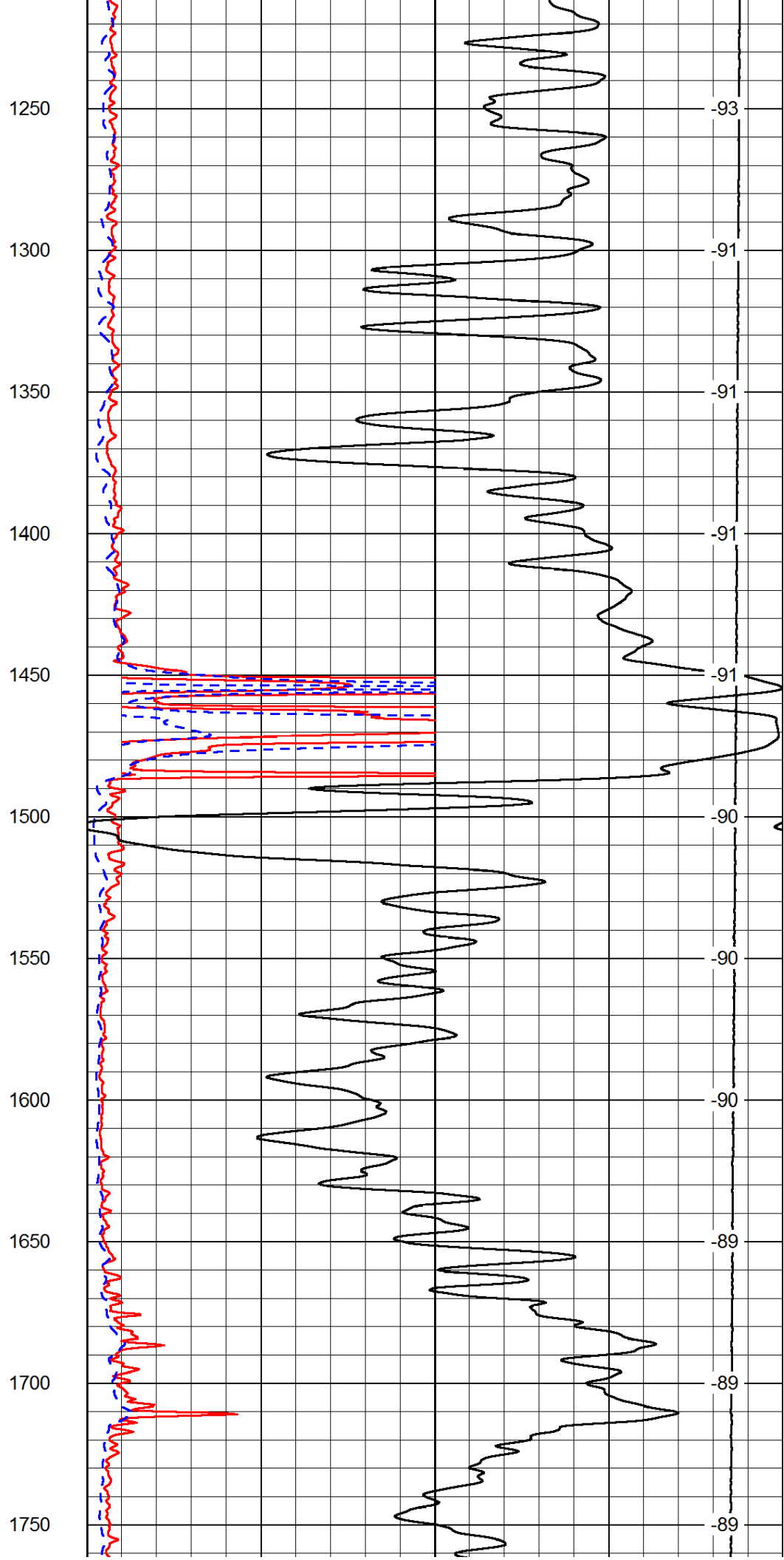
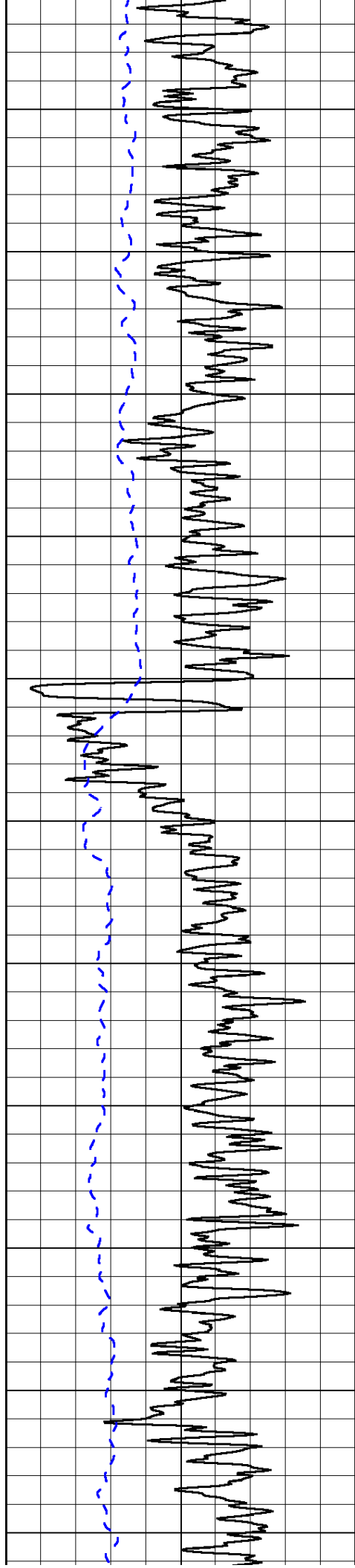
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-200	SP (mV)	0

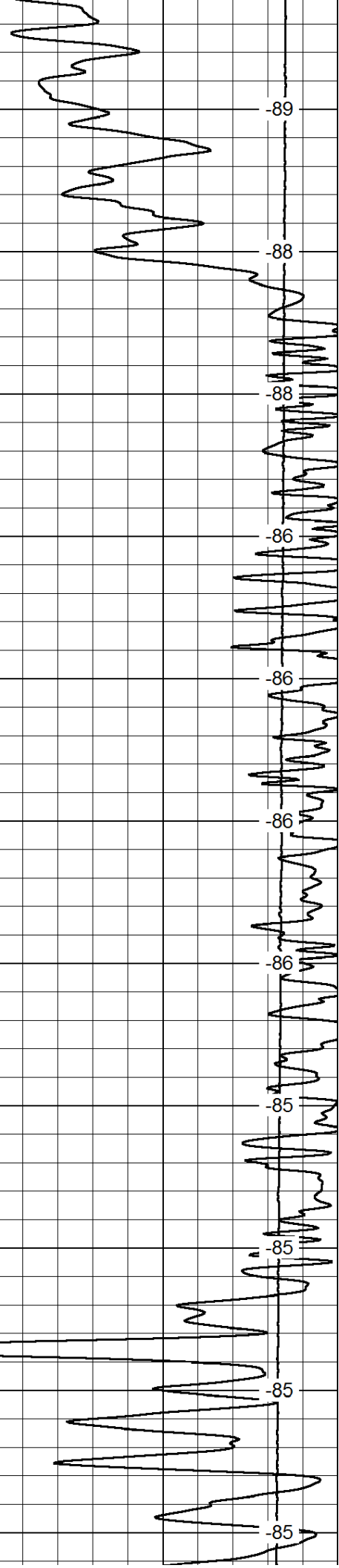
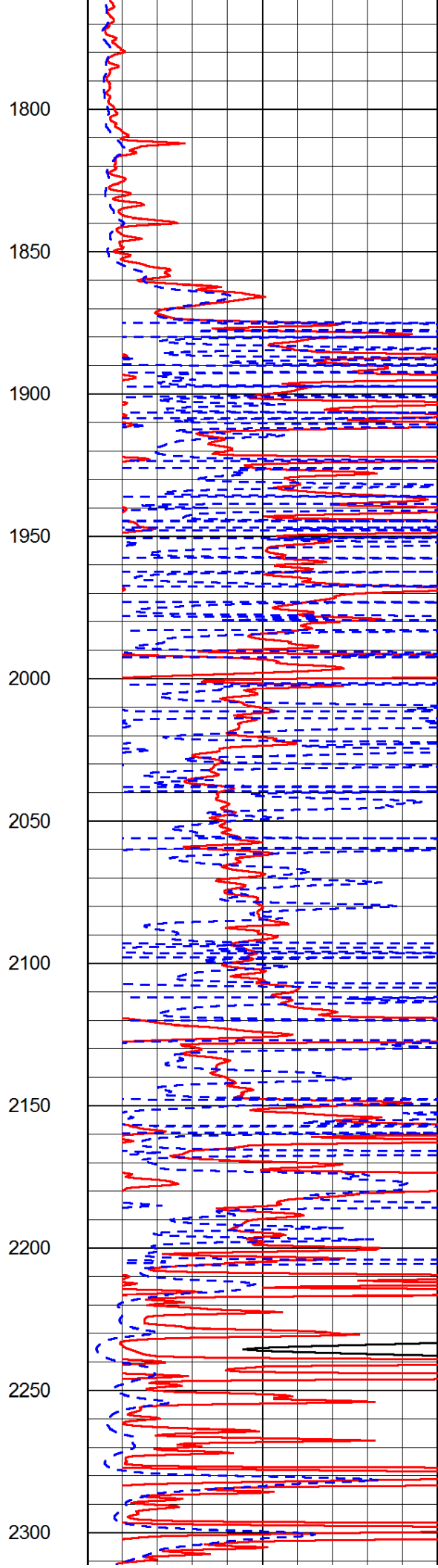
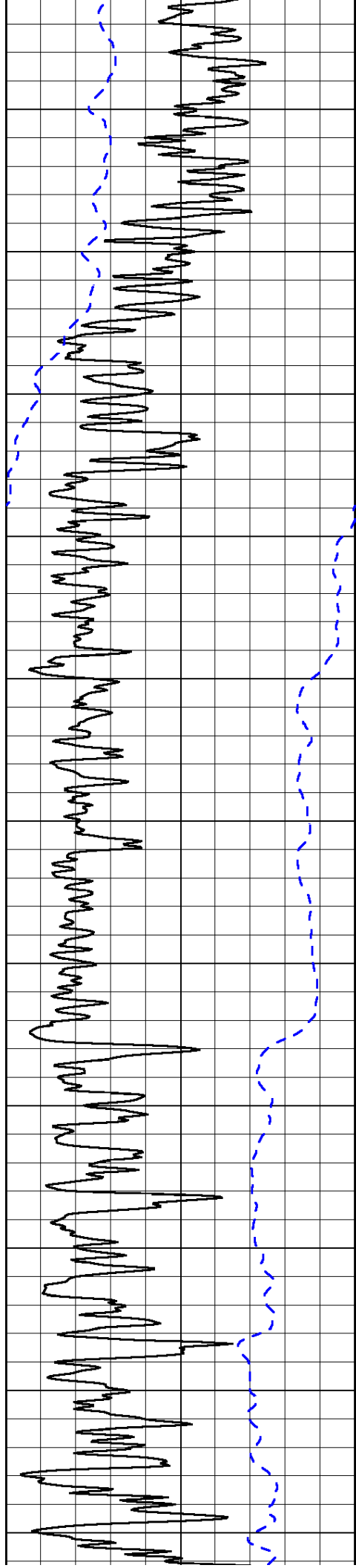
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

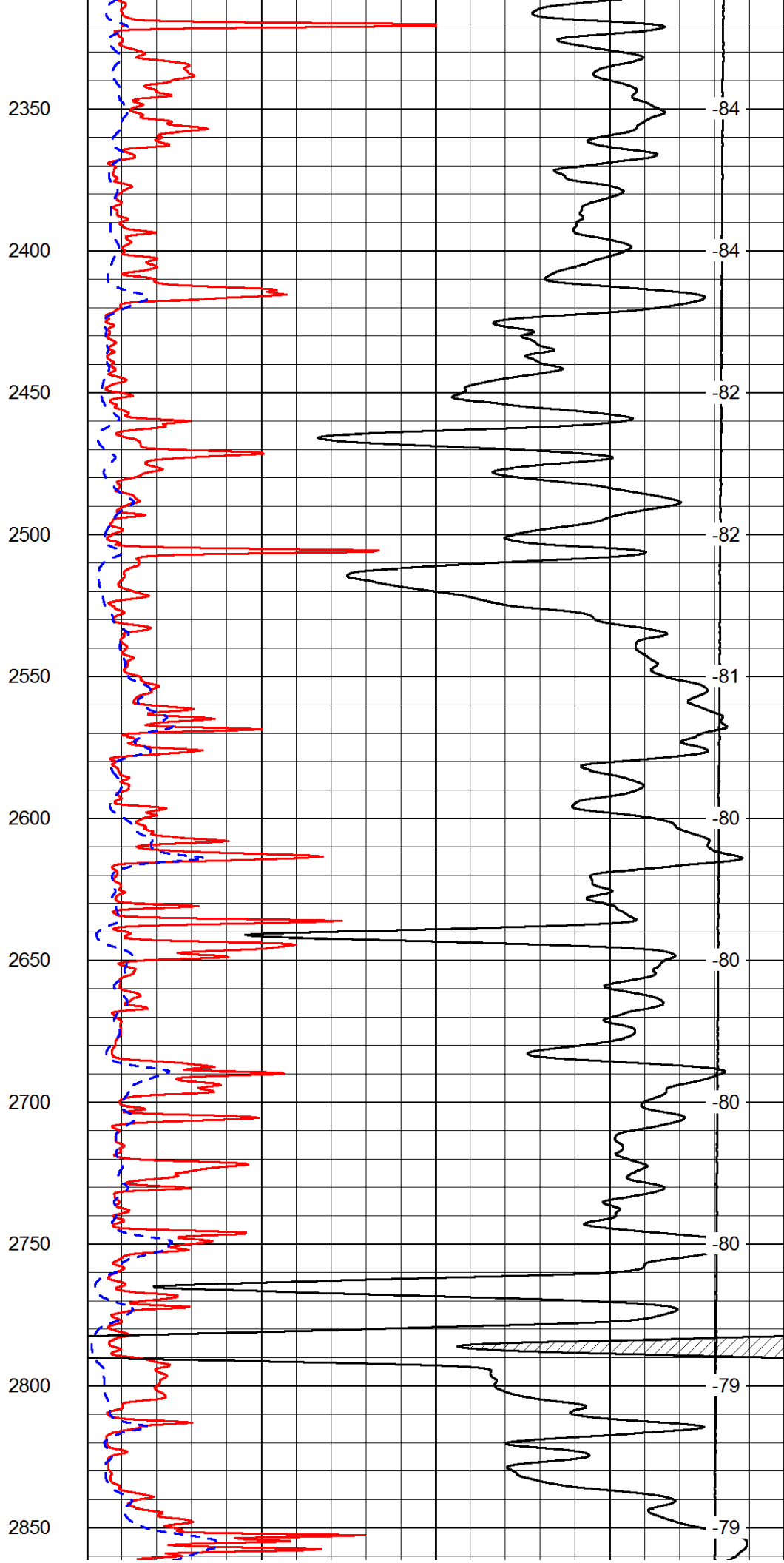
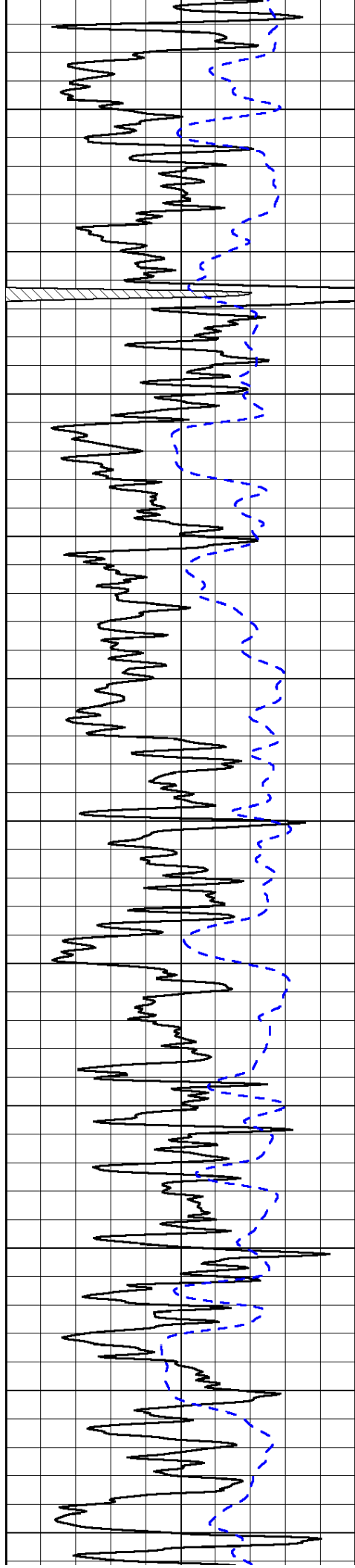
LSPD	0
0	0

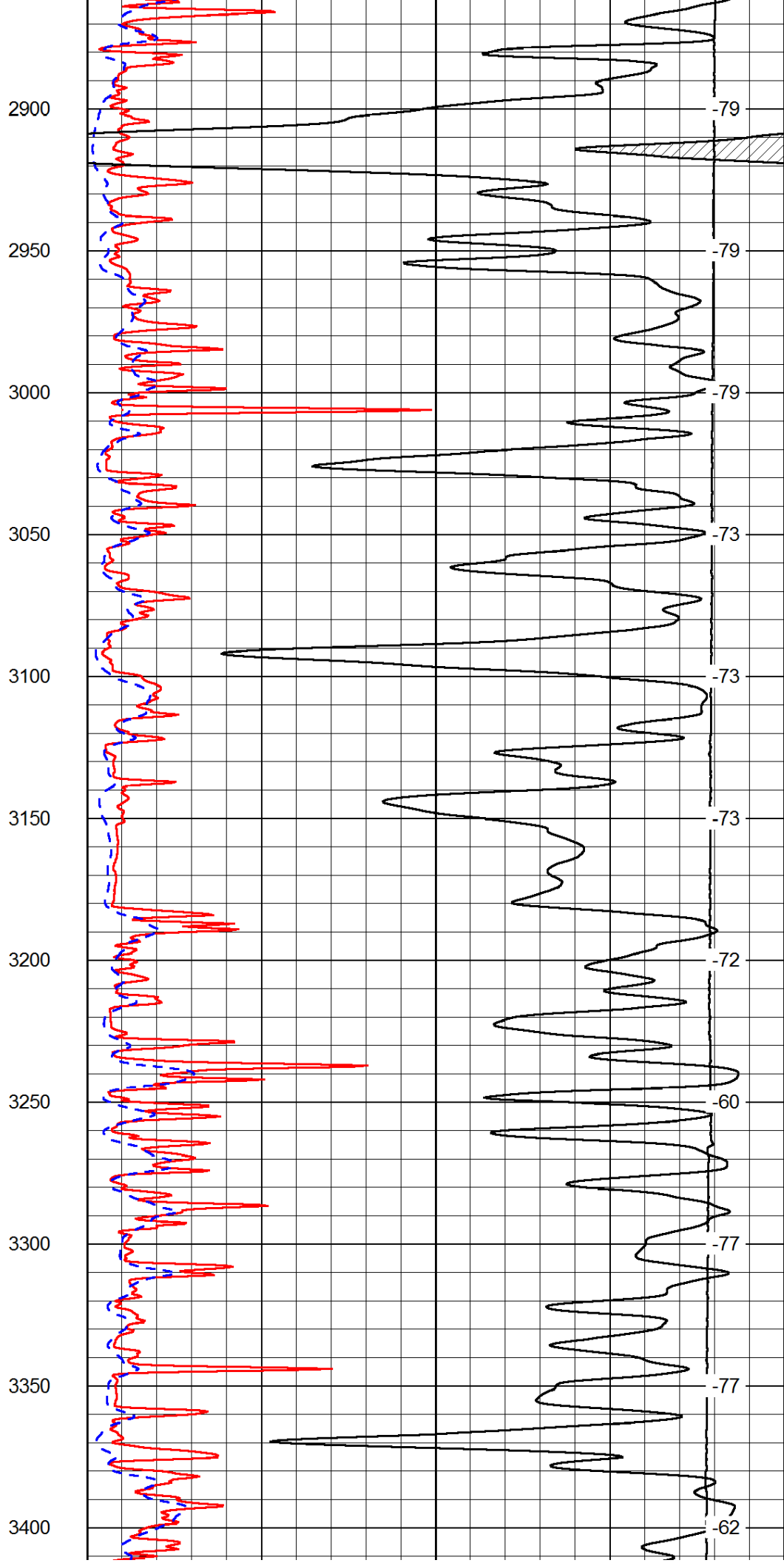
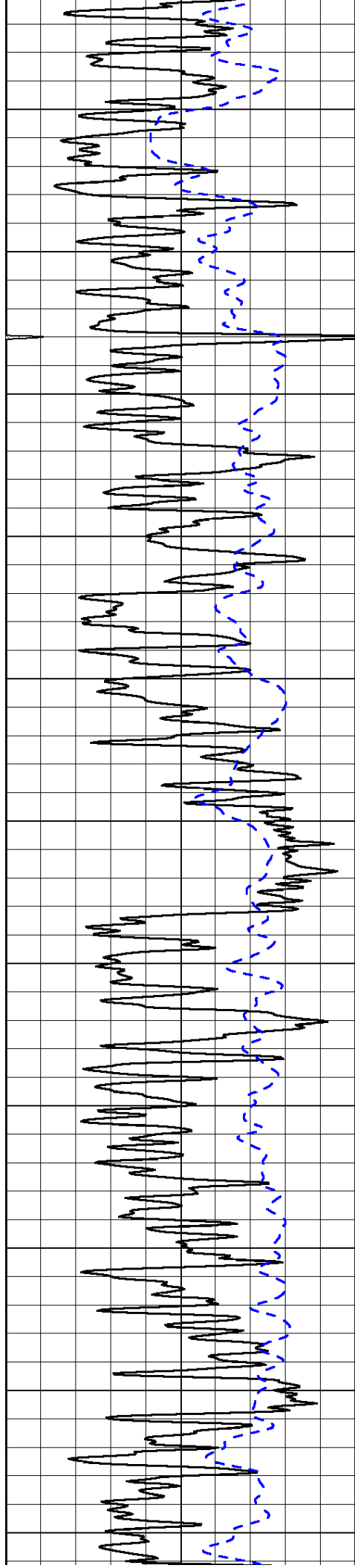


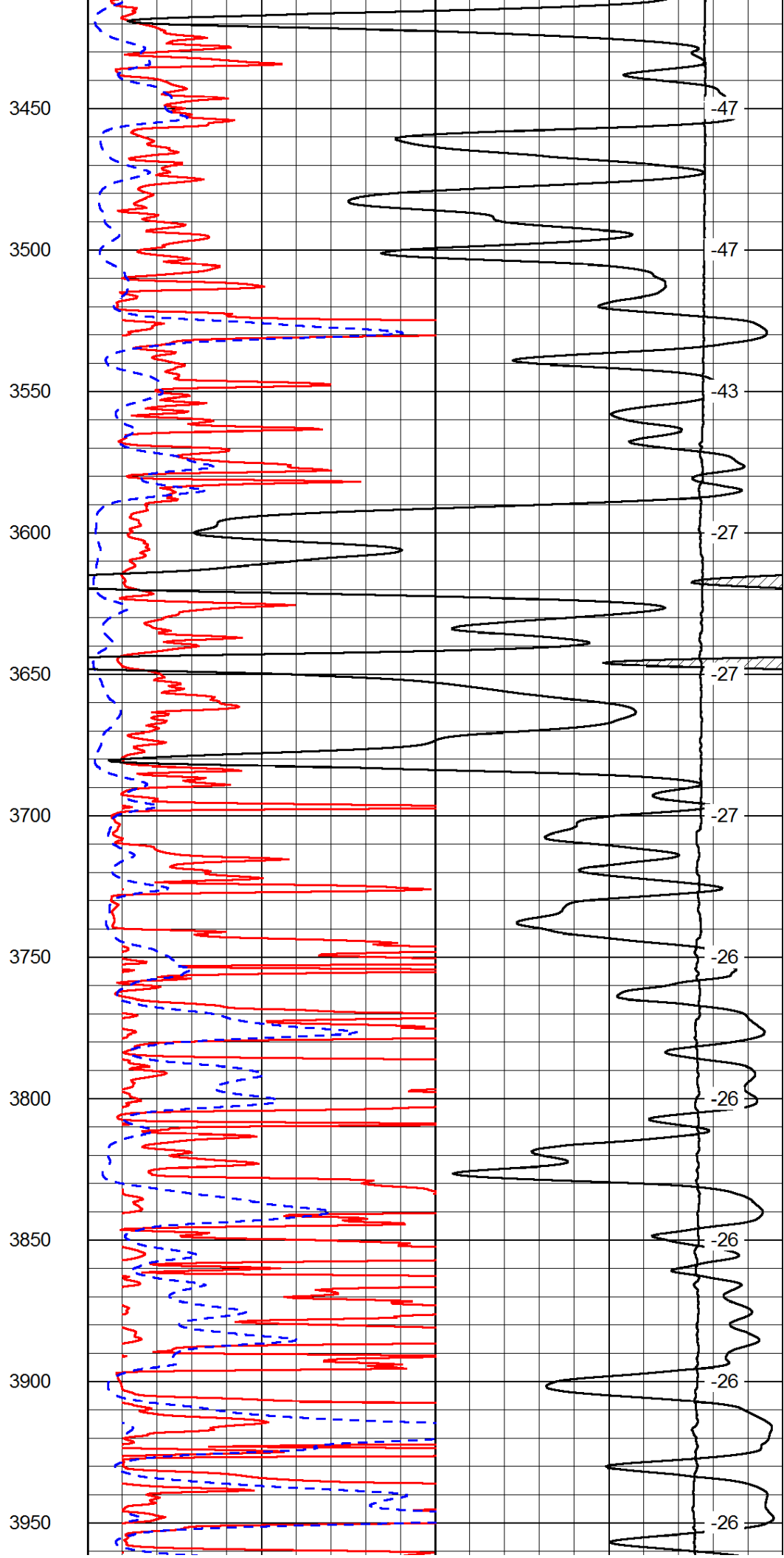
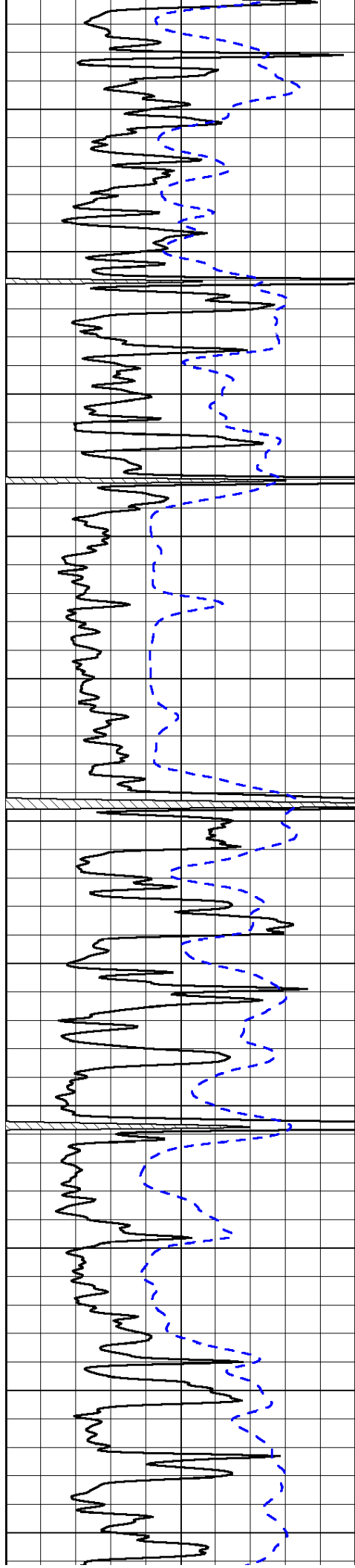


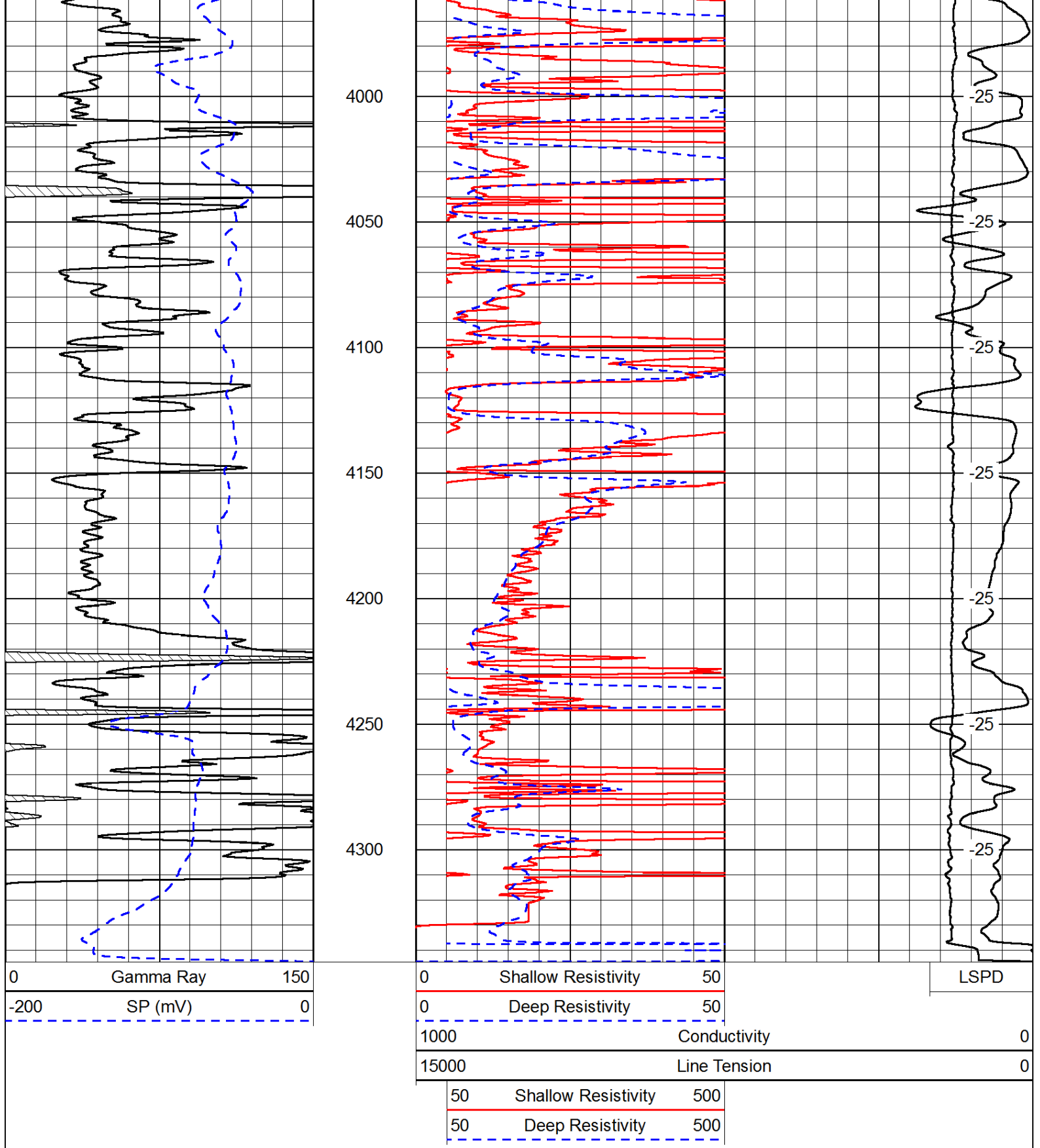






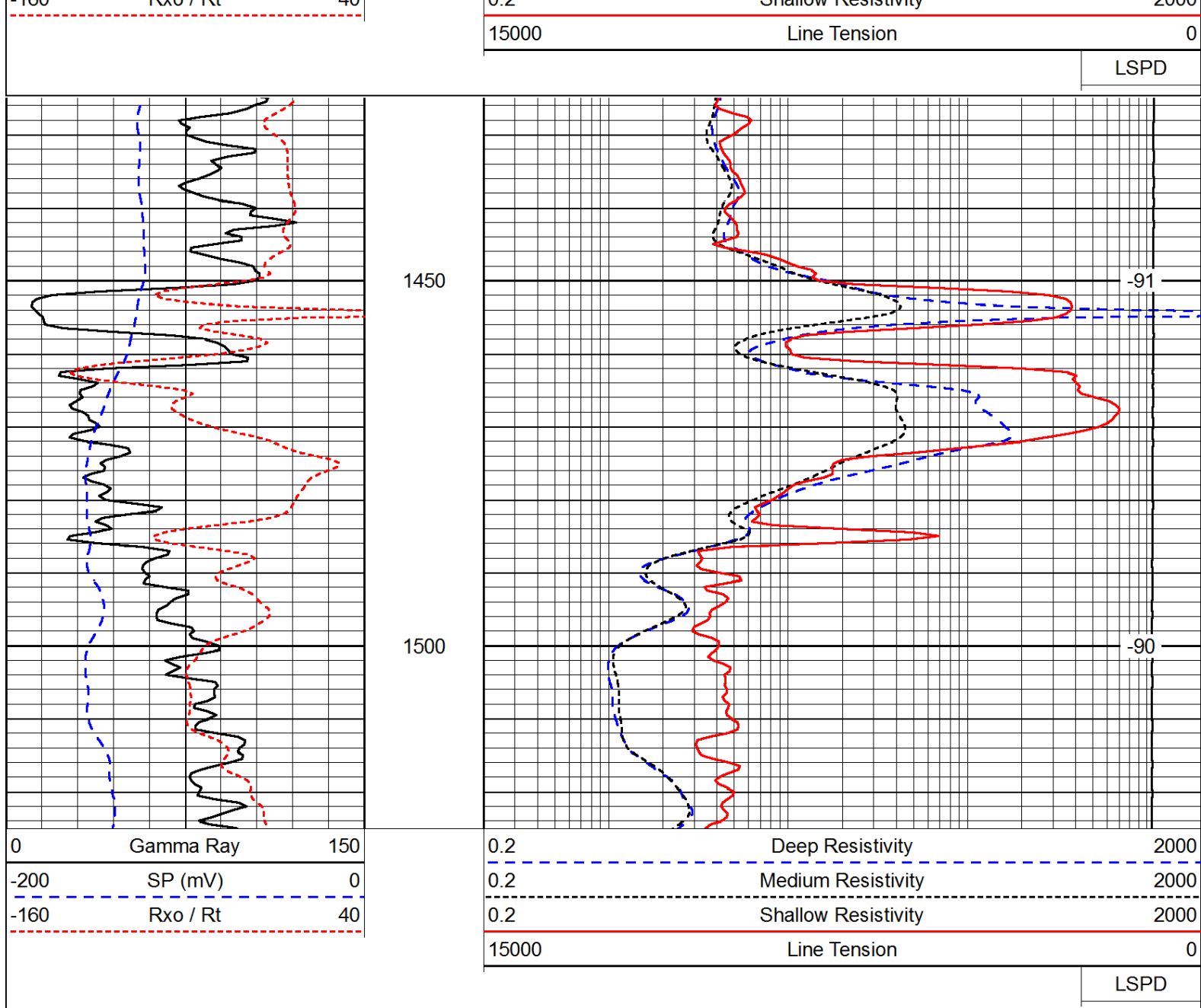




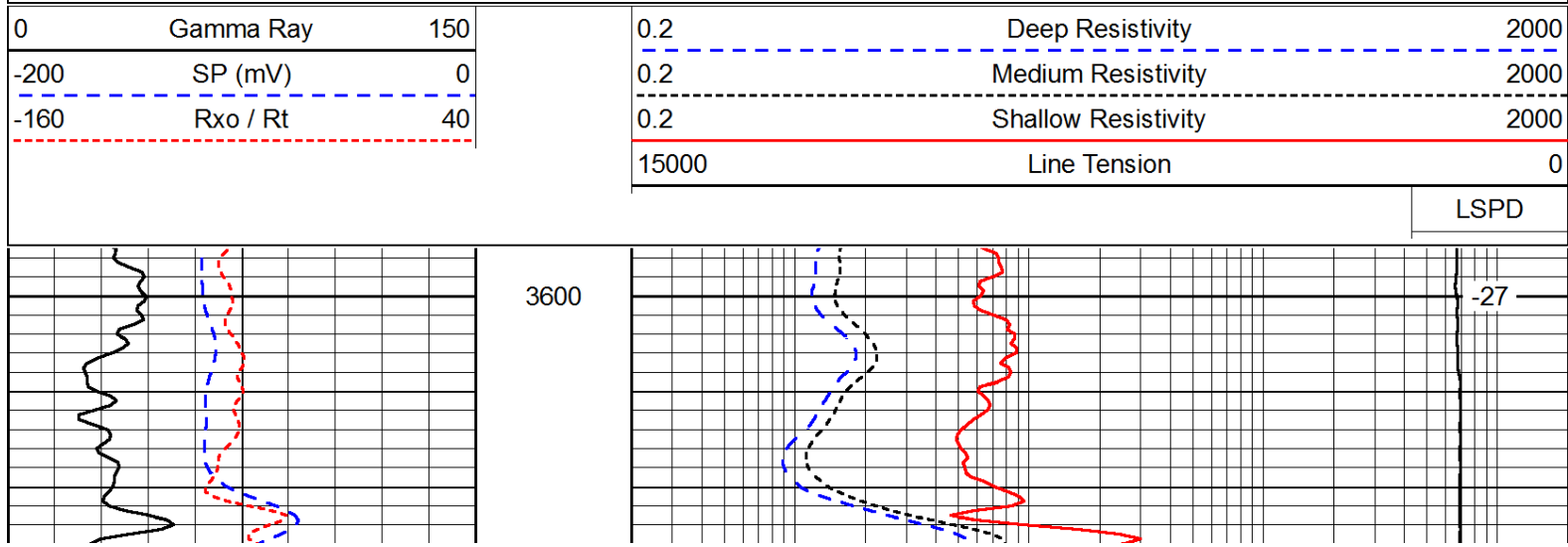


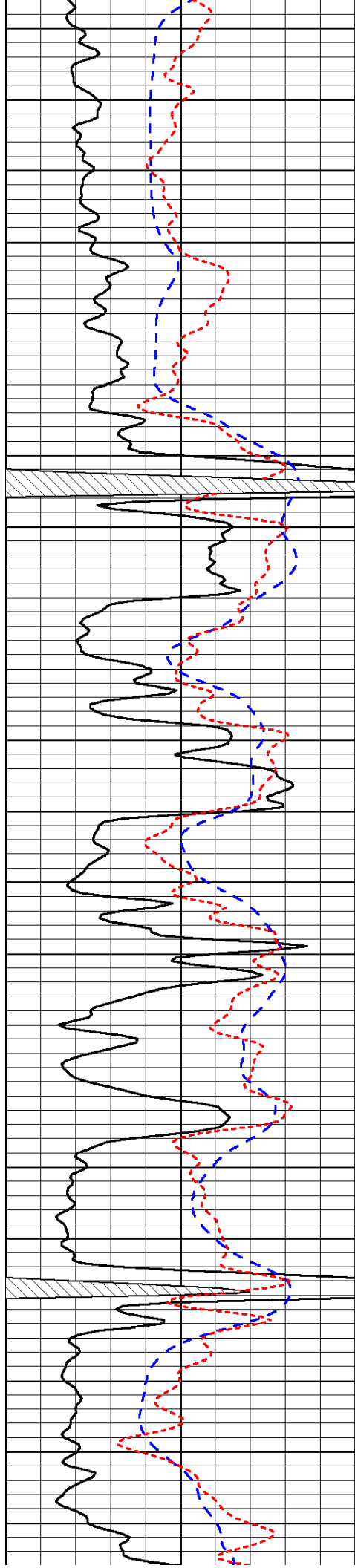
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Dataset Pathname: dil/awstack
Presentation Format: dil
Dataset Creation: Tue May 22 09:06:29 2012
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	0.2	Deep Resistivity	2000
-200	SP (mV)	0	0.2	Medium Resistivity	2000
150	Shallow Resistivity	50	0.2	Shallow Resistivity	2000



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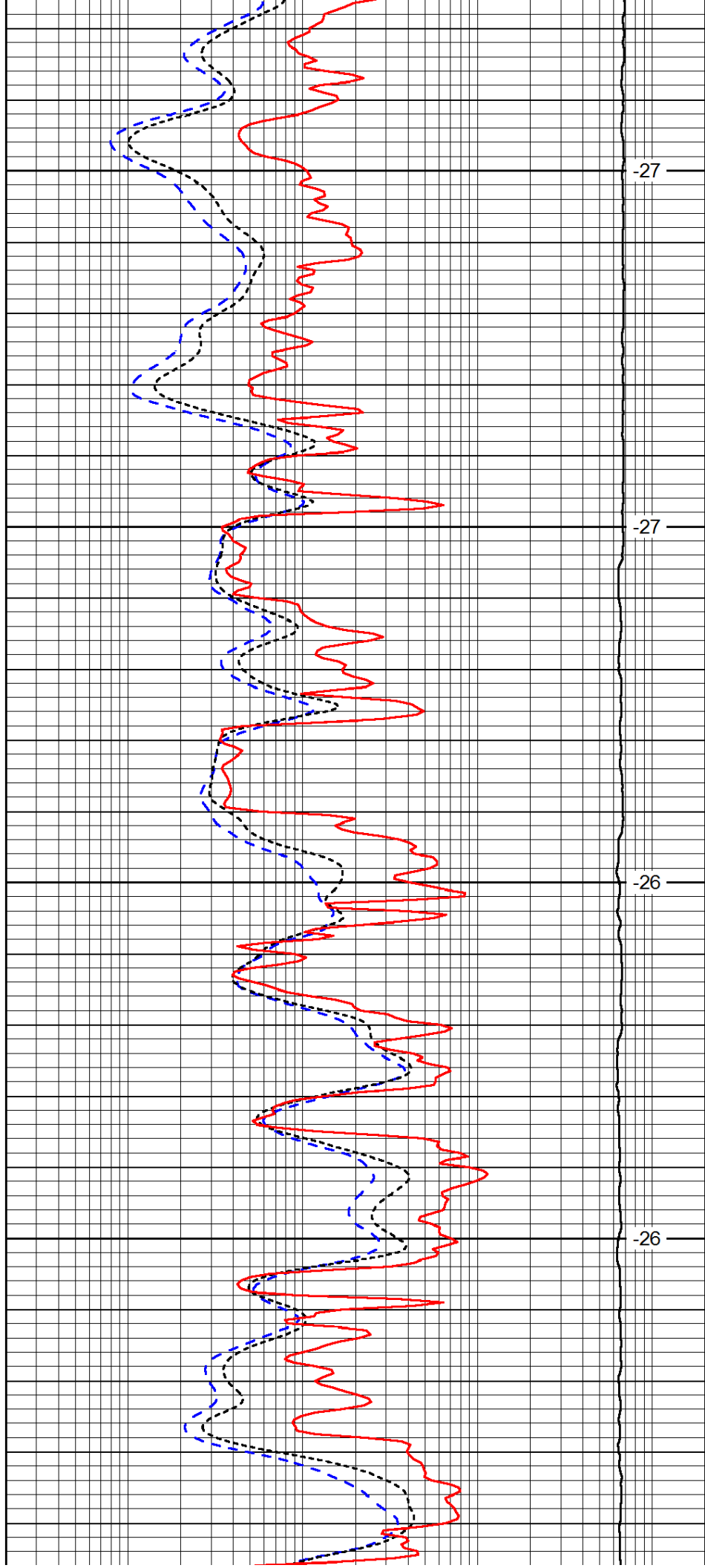


3650

3700

3750

3800

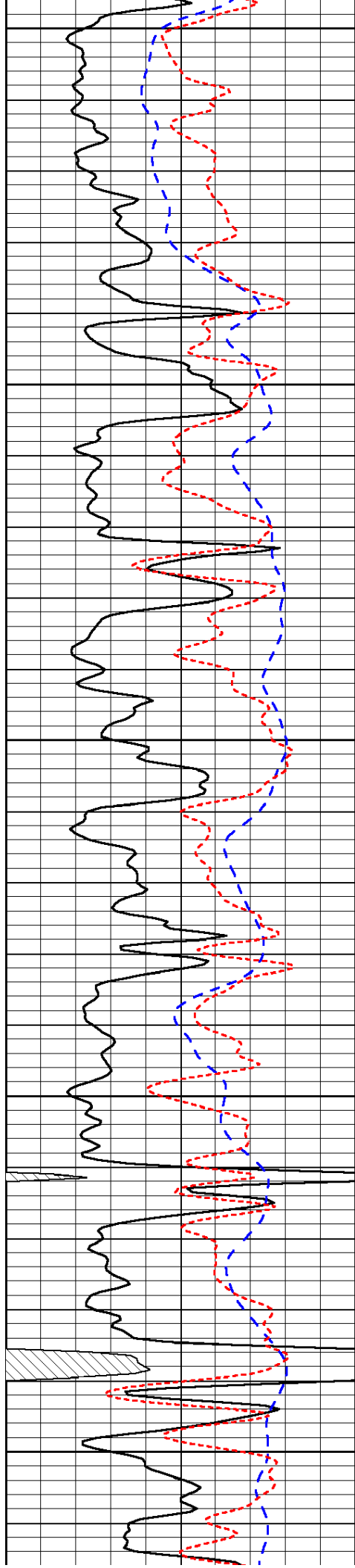


-27

-27

-26

-26



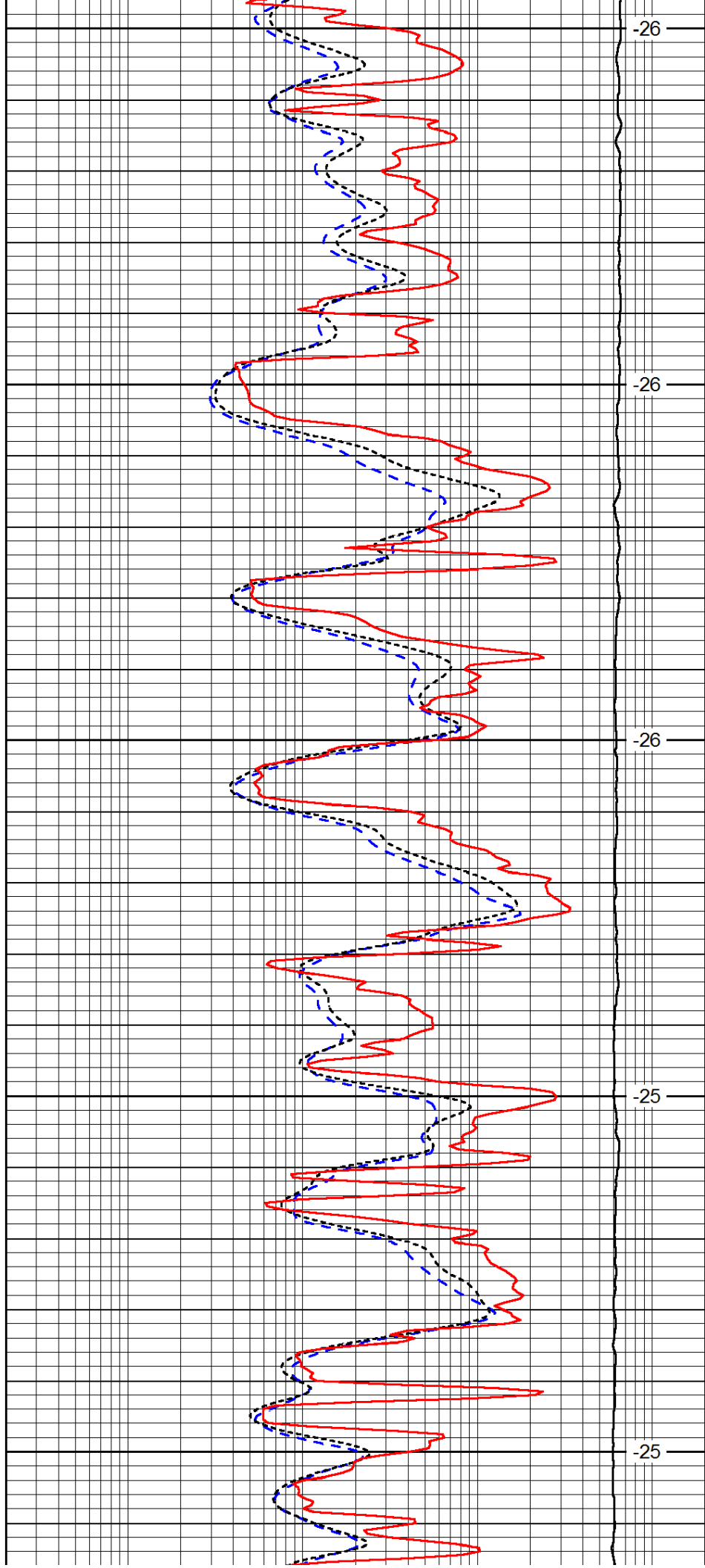
3850

3900

3950

4000

4050



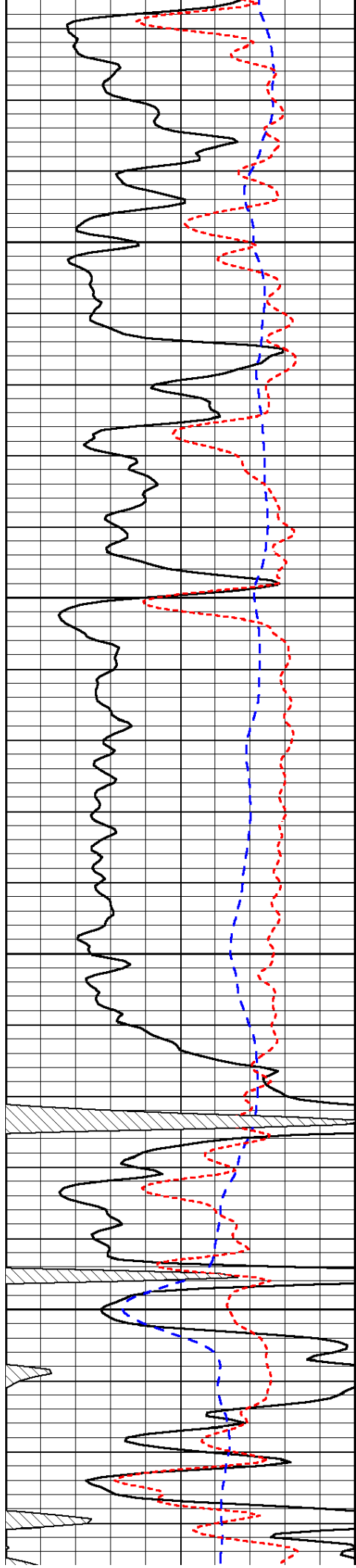
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-25

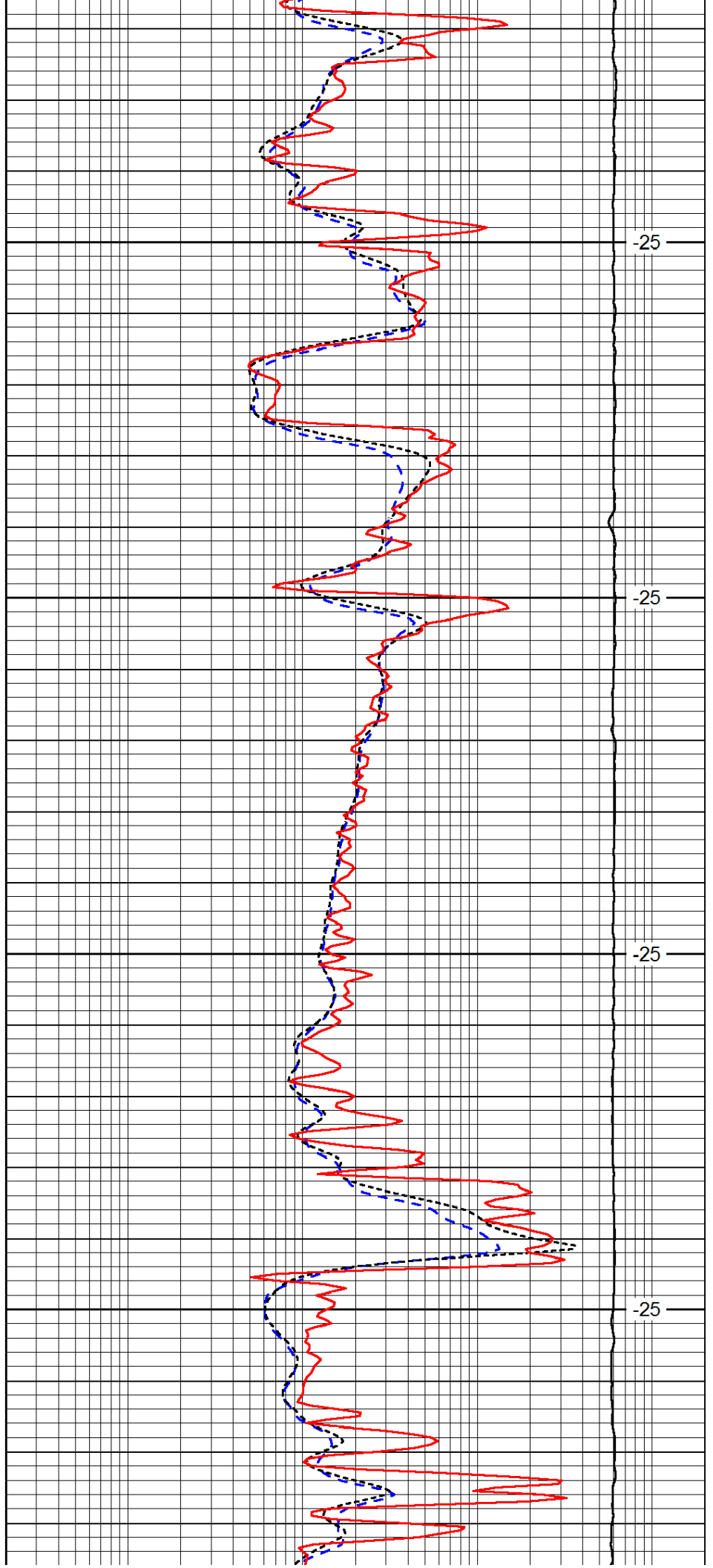


4100

4150

4200

4250

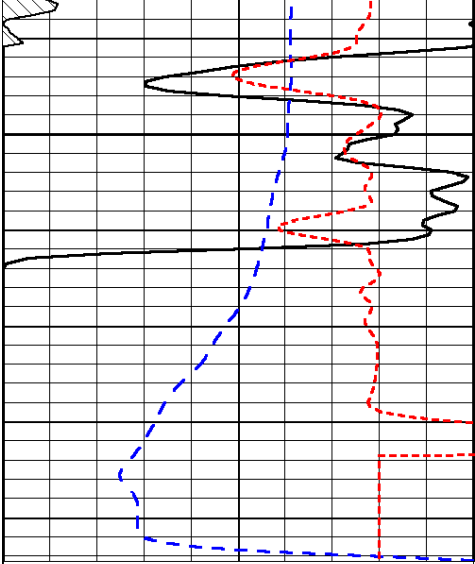


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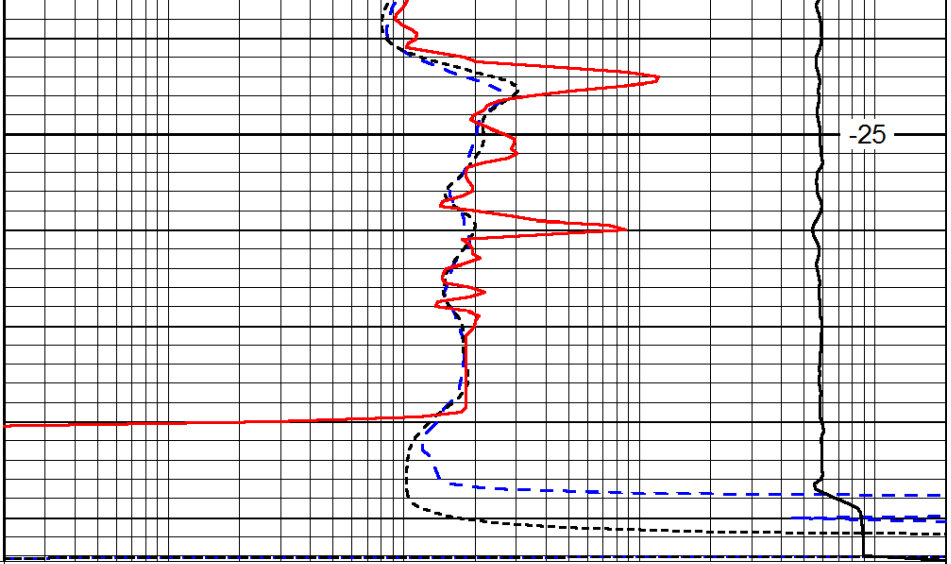
-25

-25



4300

0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40



-25

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

LSPD