



Dual Induction Log

Pioneer Energy Services

API No.

15-009-26068-00-00

Company **RJM Oil Company**

Well **Urban-Walker #1**

Field **Beaver South**

County **Barton** State **Kansas**

Location

1951' FSL & 746' FWL

Other Services
CNL/CDL
MEL/BHCS

Sec: **26**

Twp: **16S**

Rge: **12W**

Elevation

Permanent Datum **Ground Level** Elevation **1910**
Log Measured From **Kelly Bushing** **7** Ft. Above Perm. Datum
Drilling Measured From **Kelly Bushing**

K.B. 1917
D.F.
G.L. 1910

Date **12/10/2014**

Run Number **One**

Depth Driller **3588**

Depth Logger **3587**

Bottom Logged Interval **3586**

Top Log Interval **400**

Casing Driller **8.625 @ 415**

Casing Logger **415**

Bit Size **7.875**

Type Fluid in Hole **Chemical**

Salinity, ppm CL **8000**

Density / Viscosity **9.3 54**

pH / Fluid Loss **10.0 8.8**

Source of Sample **Flowline**

Rm @ Meas. Temp **0.52 @ 38**

Rmf @ Meas. Temp **0.39 @ 38**

Rmc @ Meas. Temp **0.70 @ 38**

Source of Rmf / Rmc **Charts**

Rm @ BHT **0.18 @ 112**

Operating Rig Time **4 Hours**

Max Rec. Temp. F **112**

Equipment Number **91**

Location **Hays**

Recorded By **D. Schmidt**

Witnessed By **Wyatt Urban**

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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

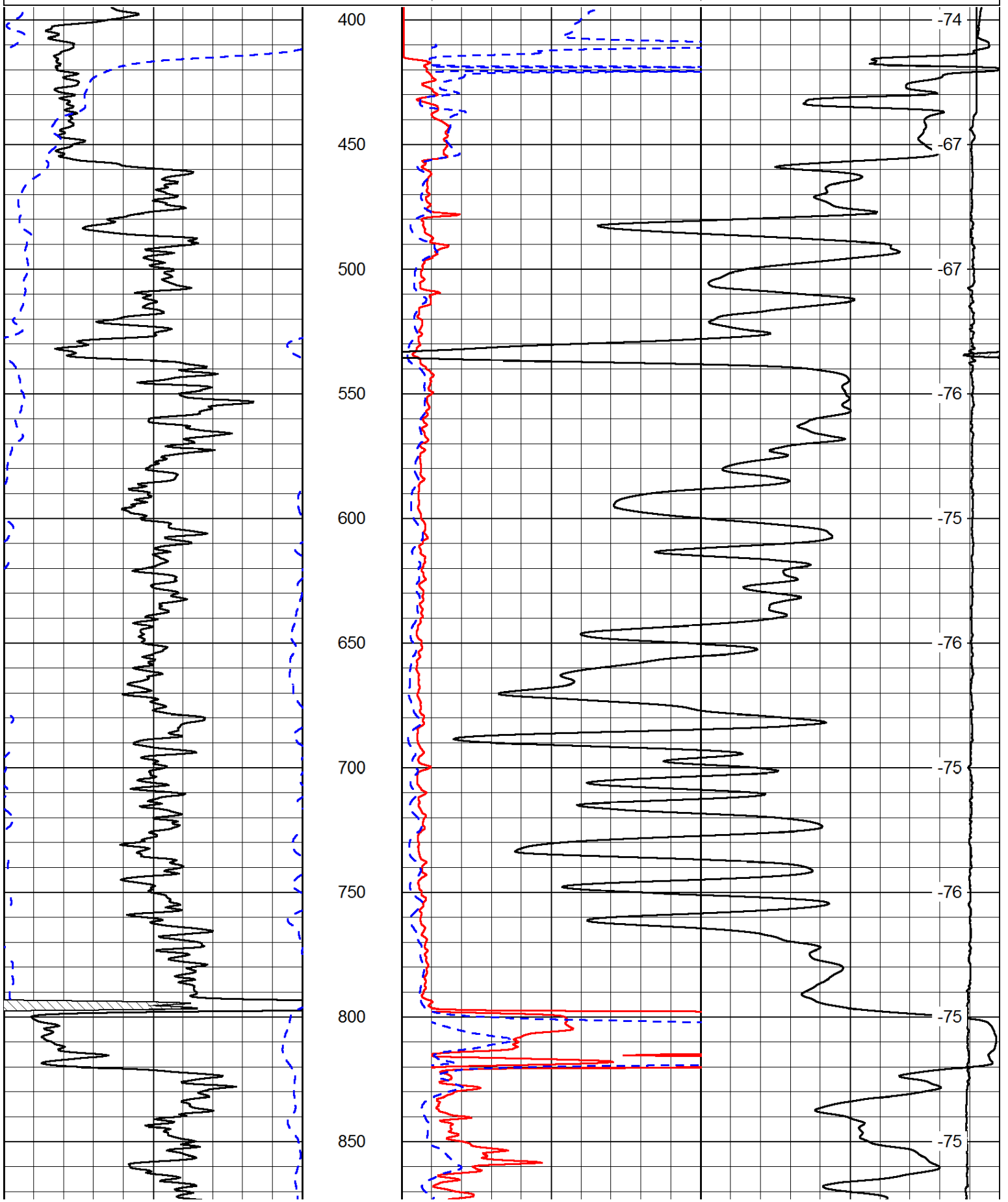
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858
Odin,
4 North to 180 Rd, 1 West, 1/2 North,
East into

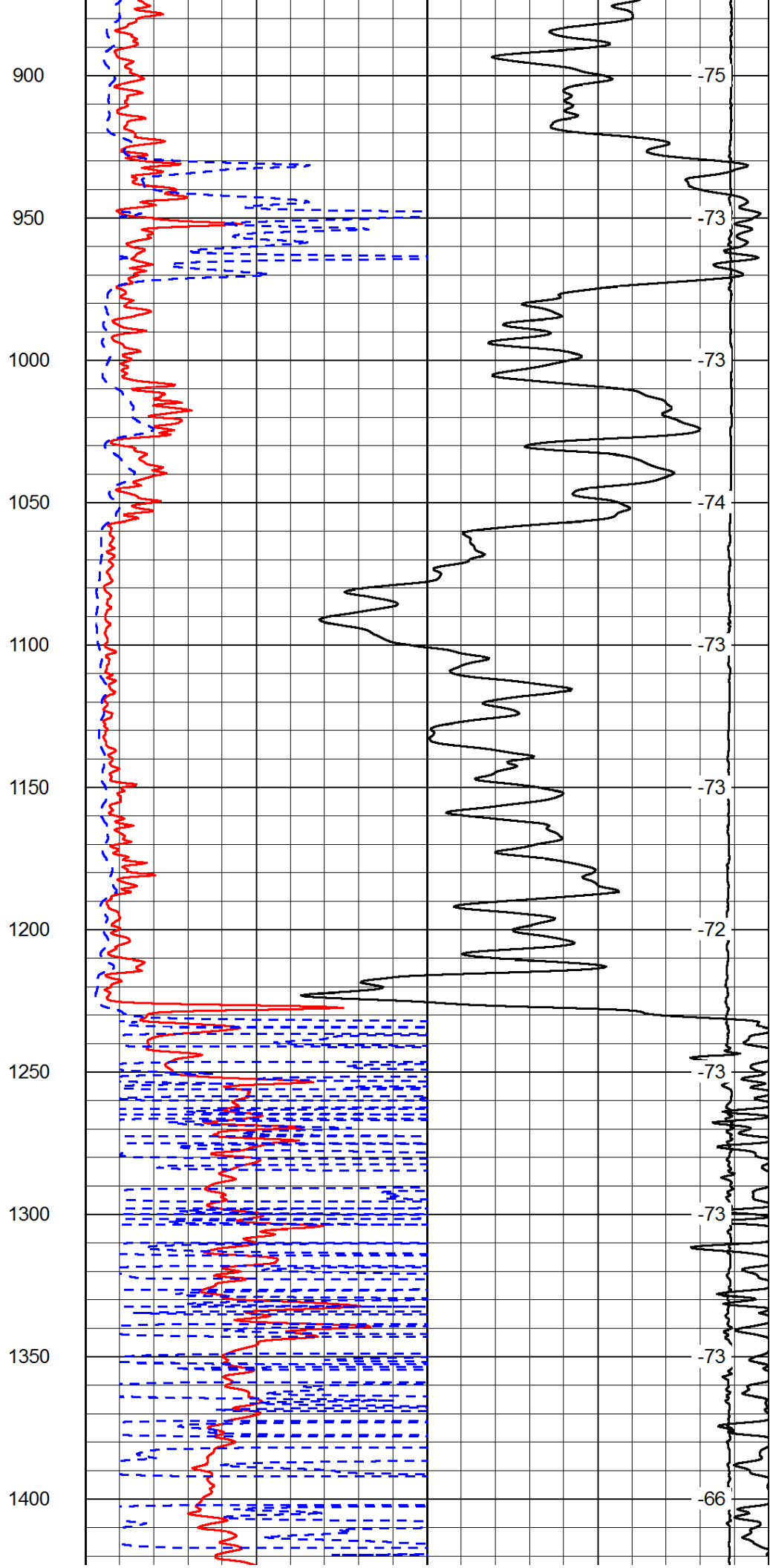
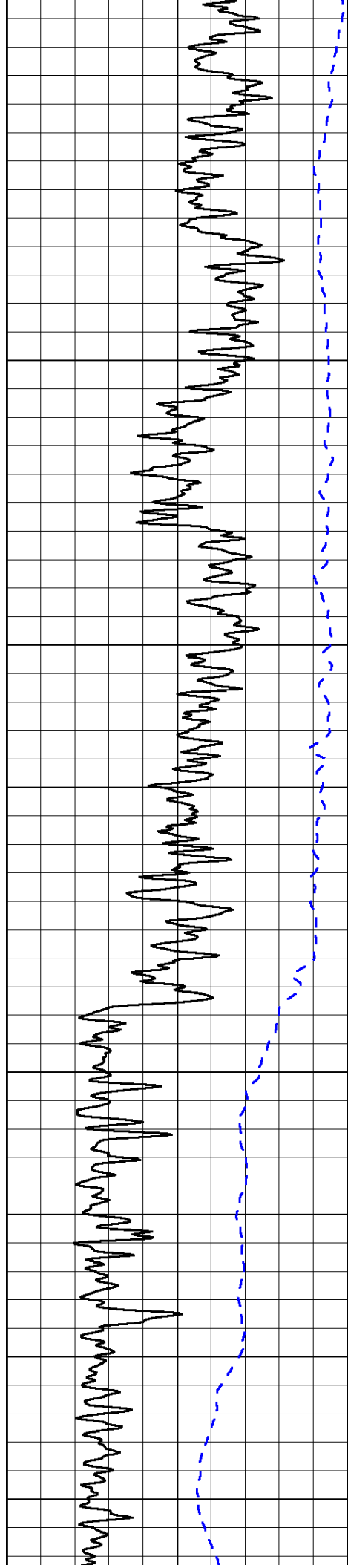
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Dataset Pathname: dil\rjstkm1
Presentation Format: dil2in
Dataset Creation: Wed Dec 10 20:22:08 2014
Charted by: Depth in Feet scaled 1:600

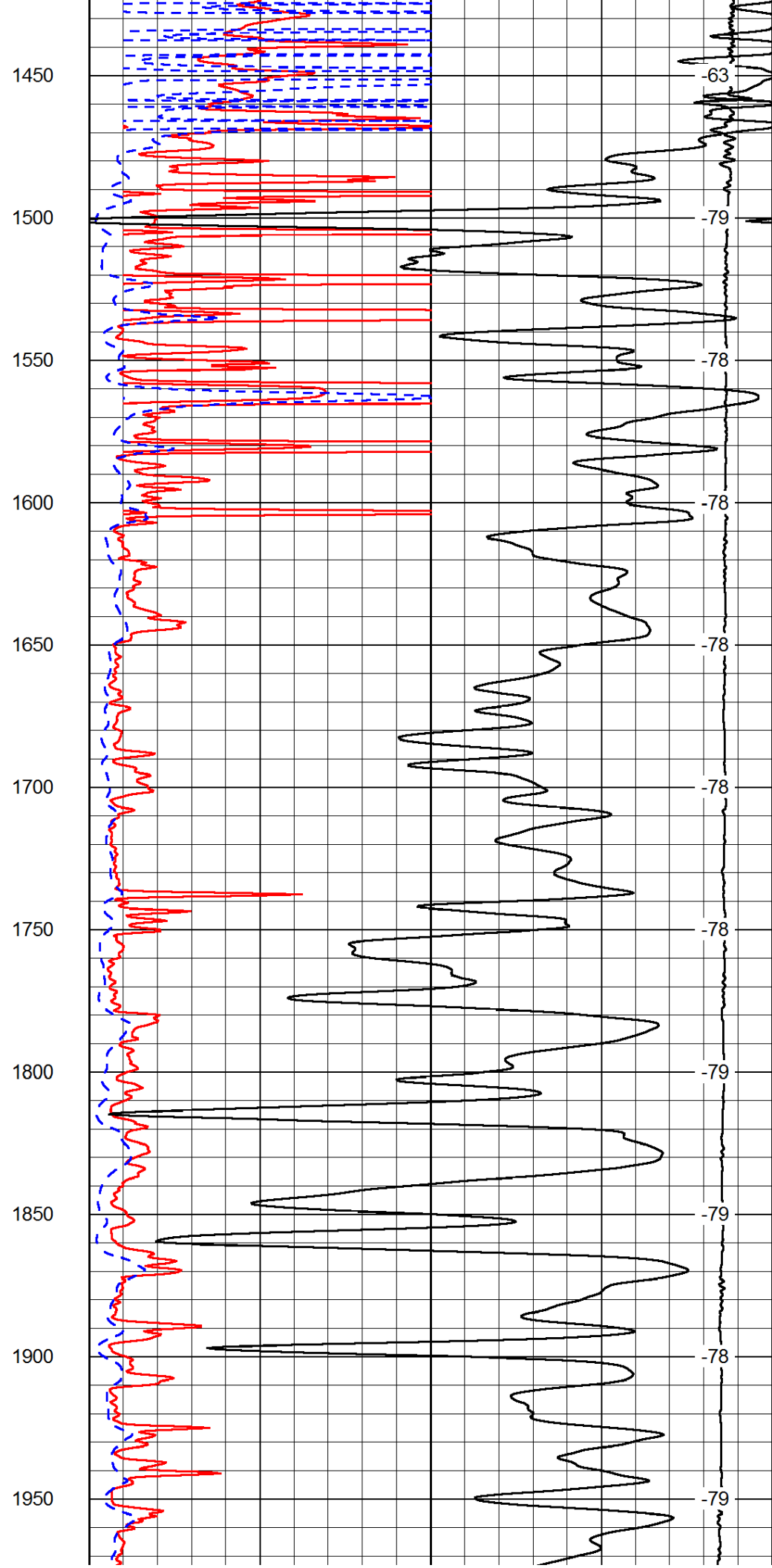
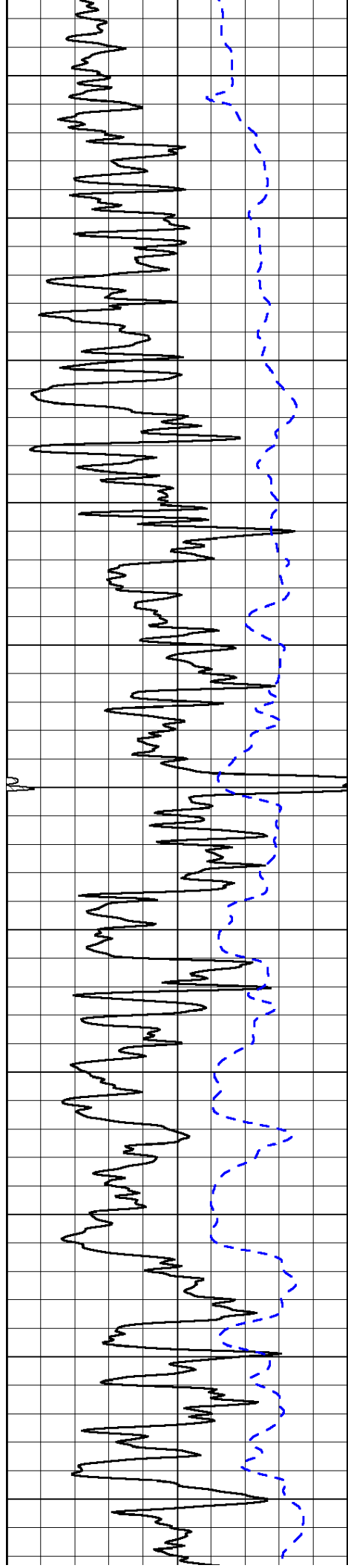
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-200	SP (mV)	0

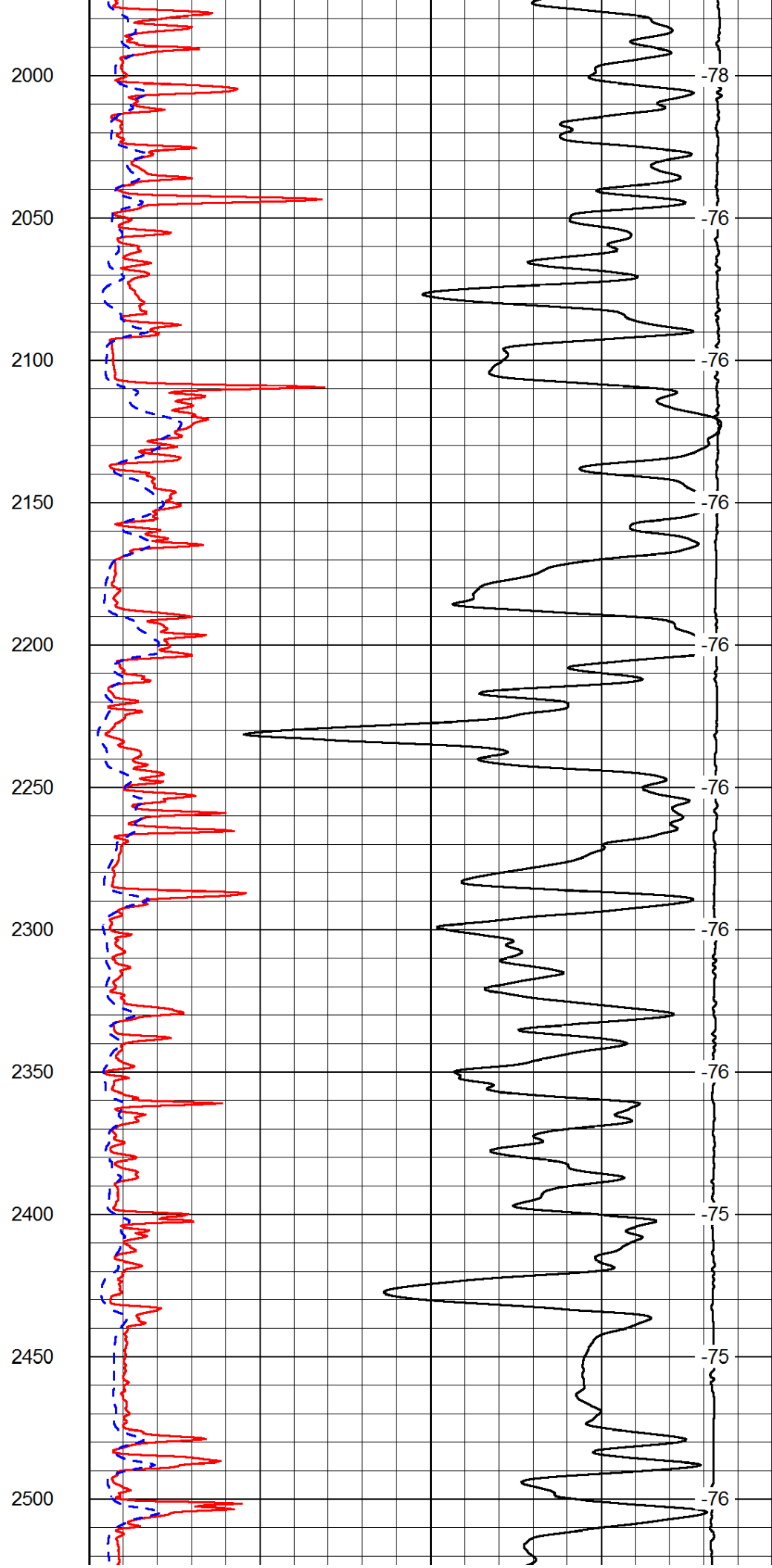
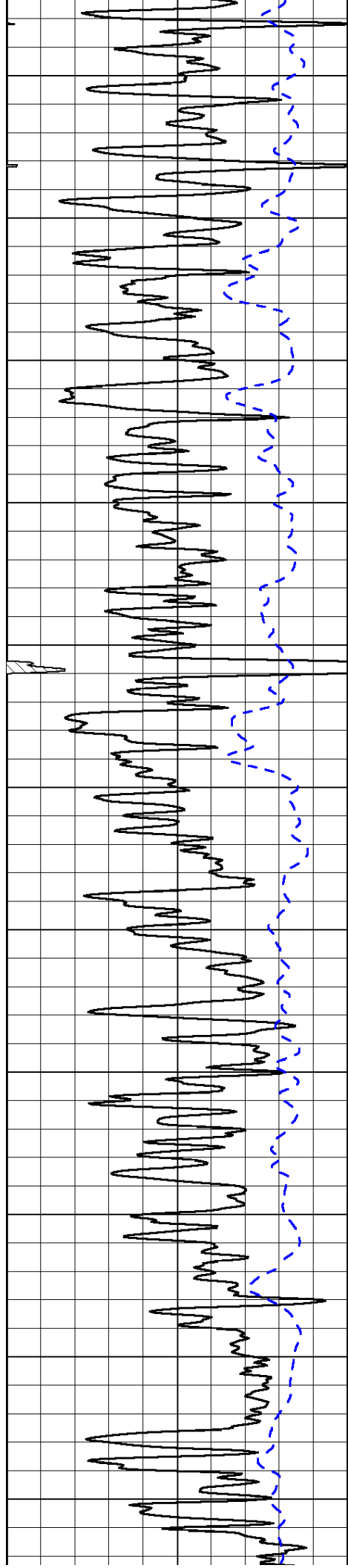
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

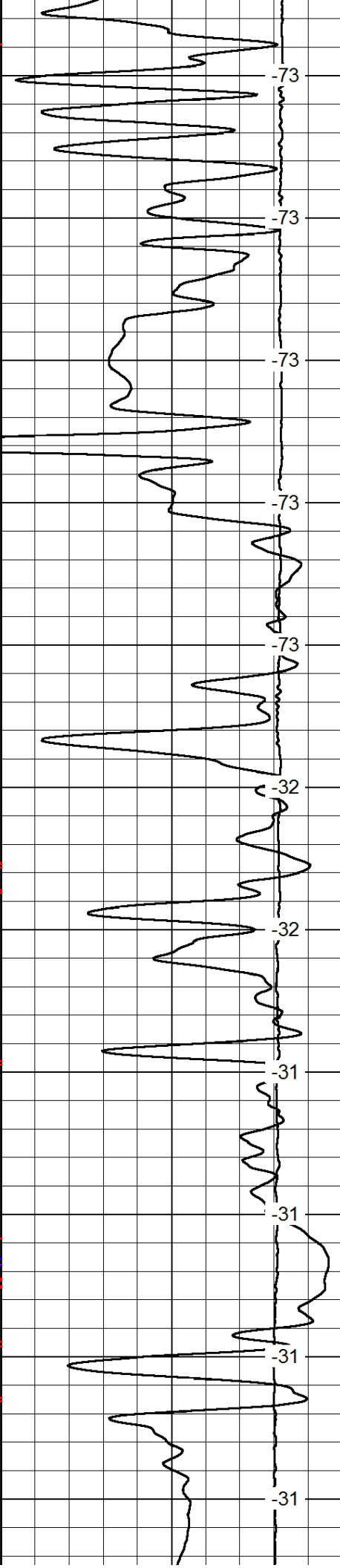
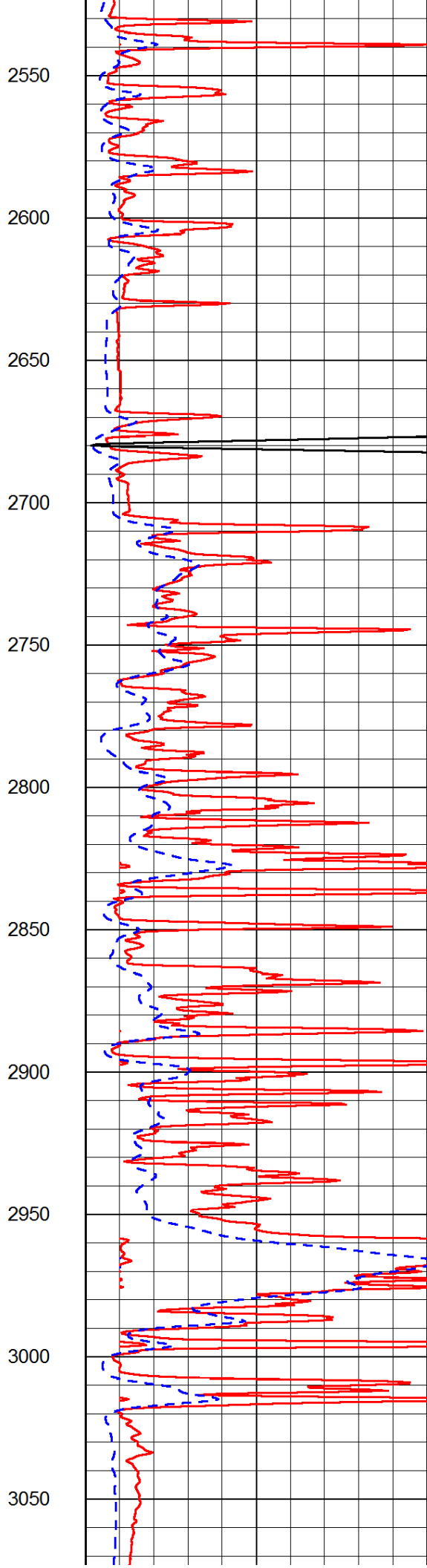
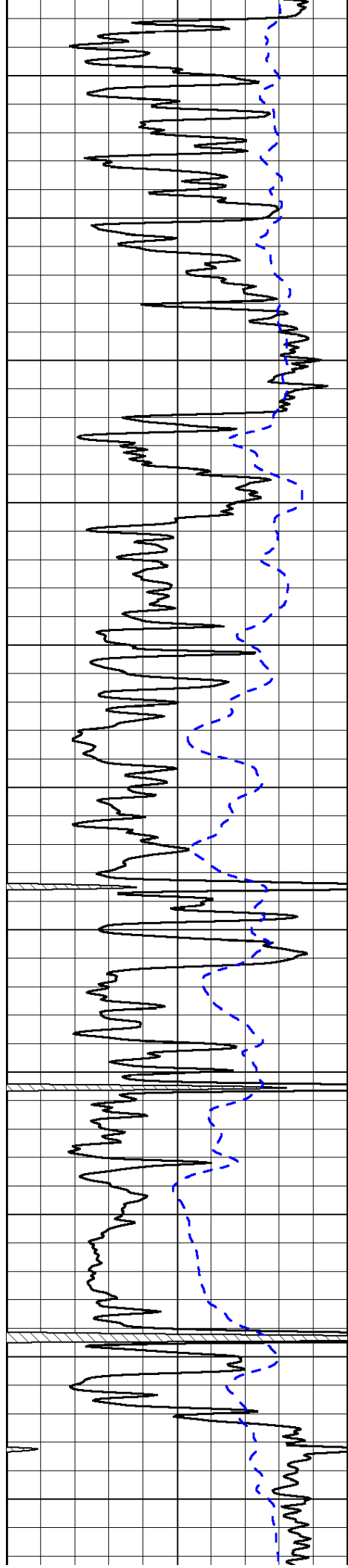
LSPD	0
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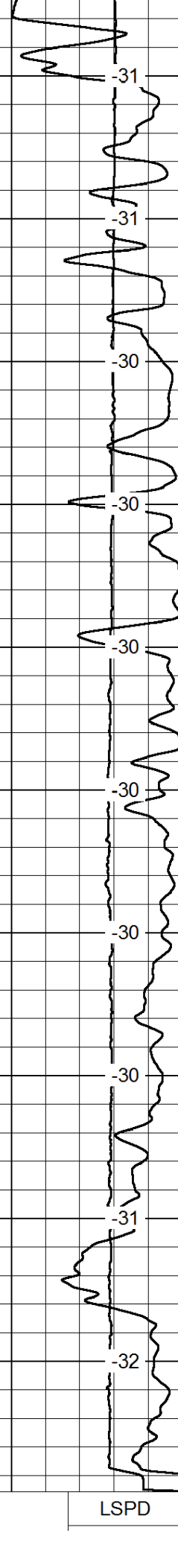
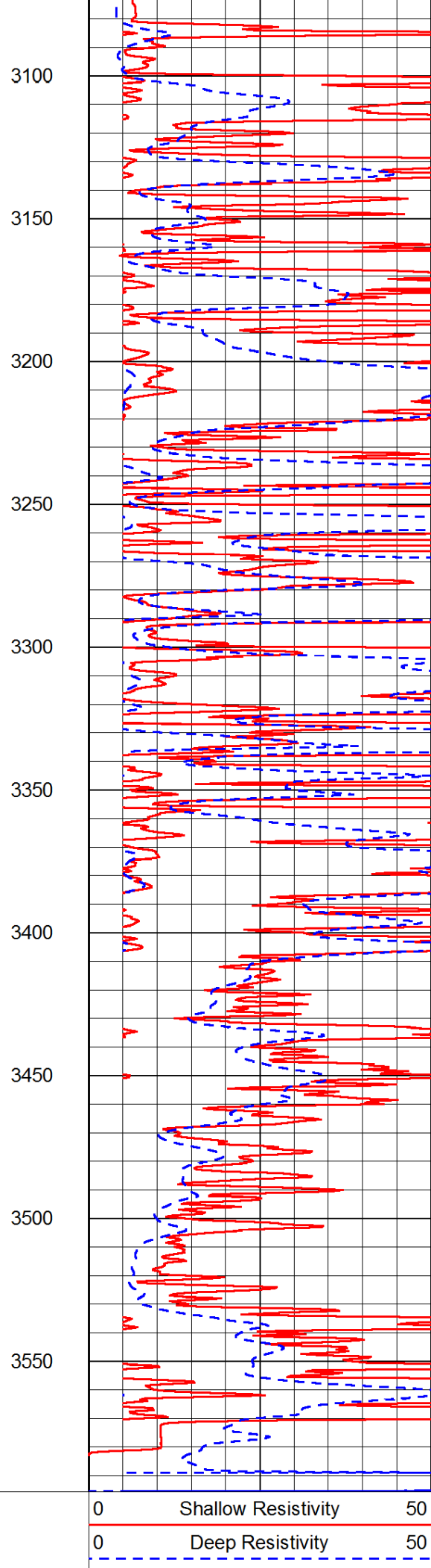
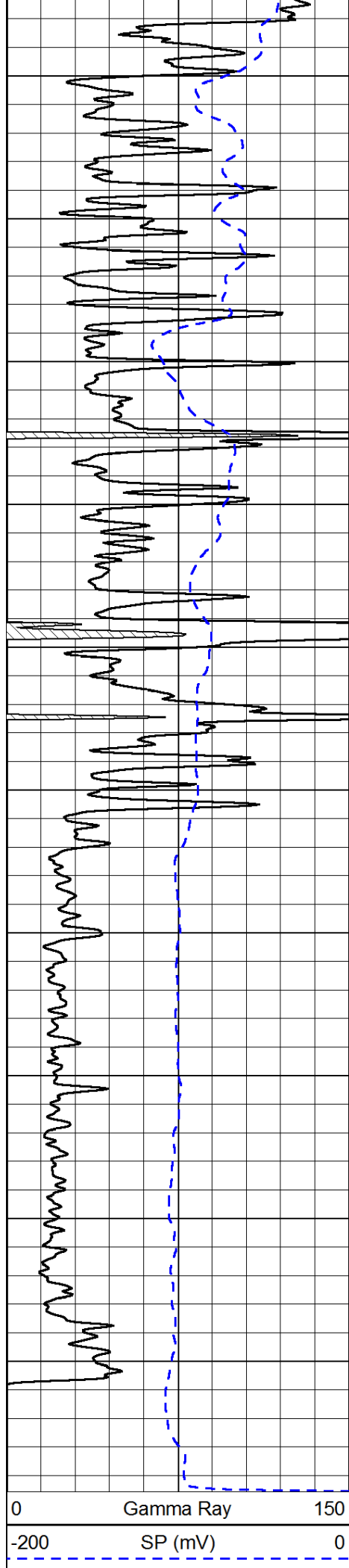












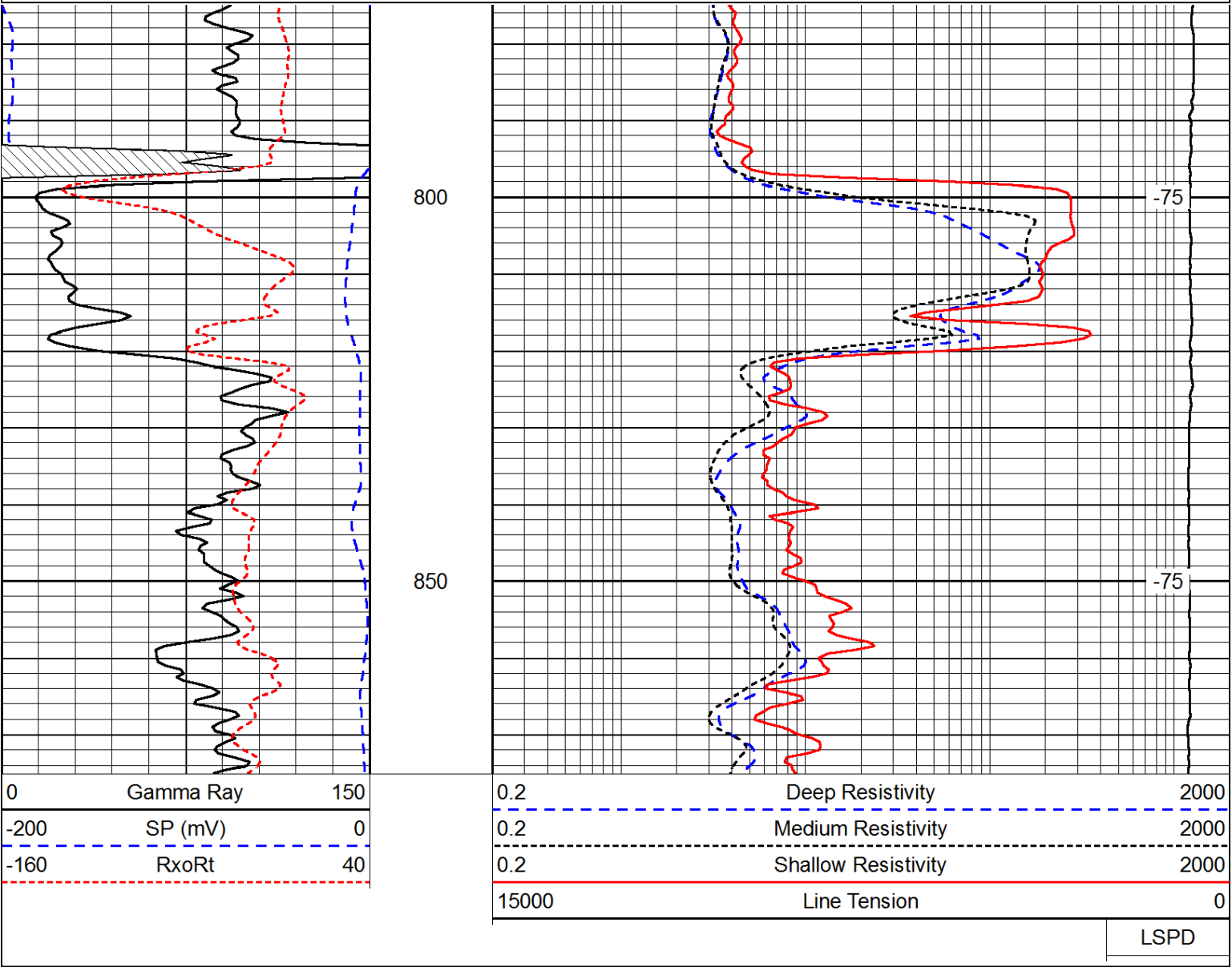
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

Database File:	c:\warrior\data\rjm oil_urban-walker #1\rjm_urban-walker_1hd.db
Dataset Pathname:	dil/rjstkml
Presentation Format:	dil
Dataset Creation:	Wed Dec 10 20:22:08 2014
Charted by:	Depth in Feet scaled 1:240

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

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

LSPD

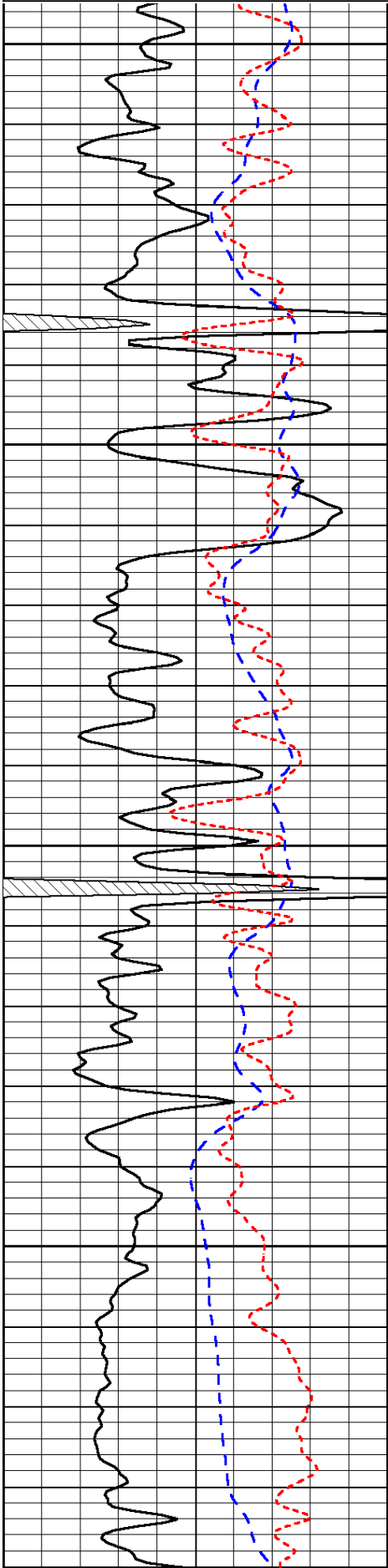


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Dataset Pathname:	dil/rjstkml
Presentation Format:	dil
Dataset Creation:	Wed Dec 10 20:22:08 2014
Charted by:	Depth in Feet scaled 1:240

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

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

LSPD

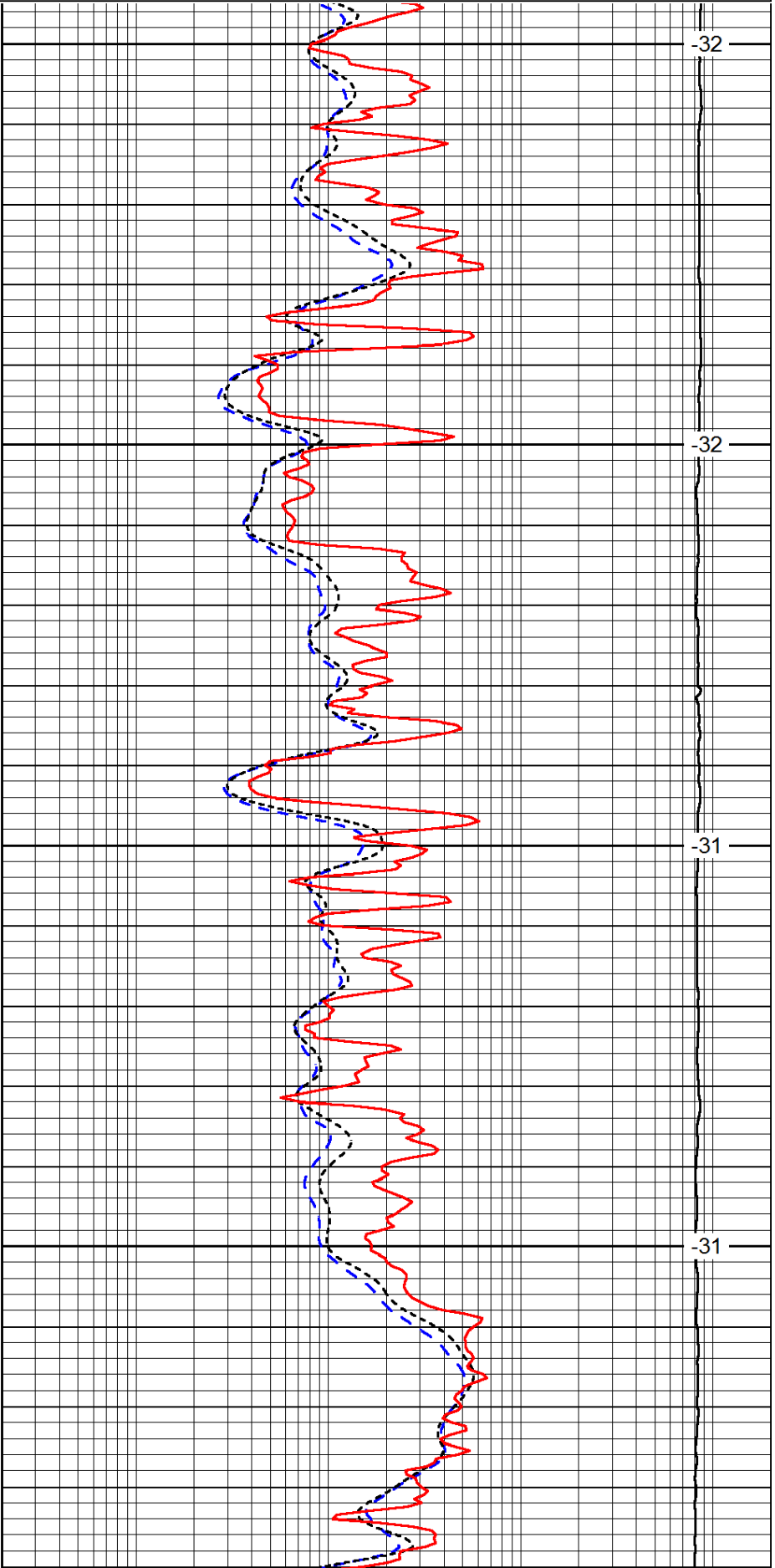


2800

2850

2900

2950

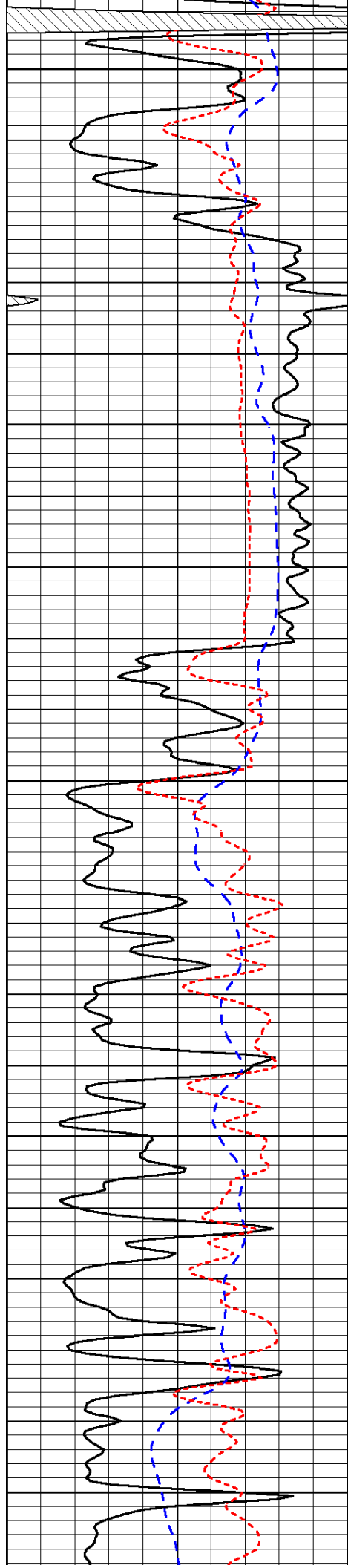


-32

-32

-31

-31



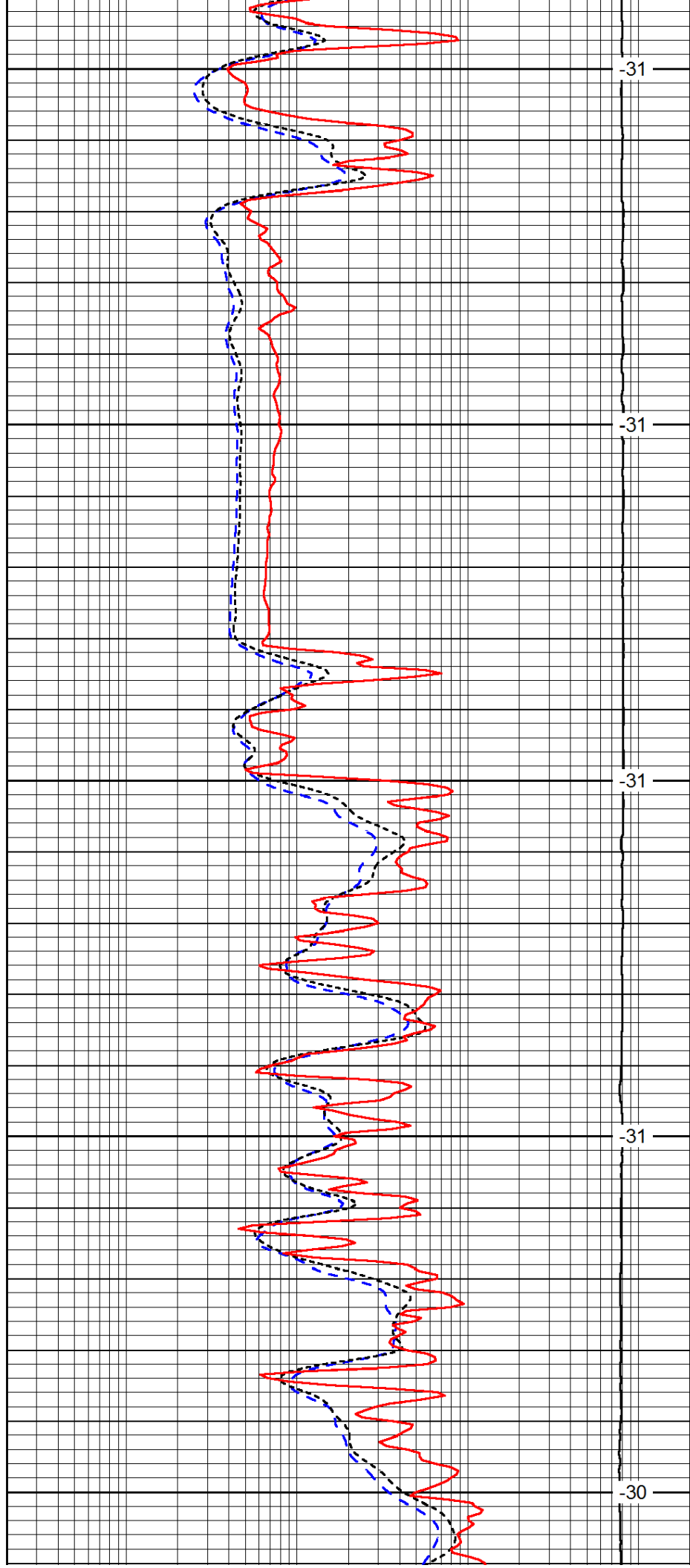
3000

3050

3100

3150

3200



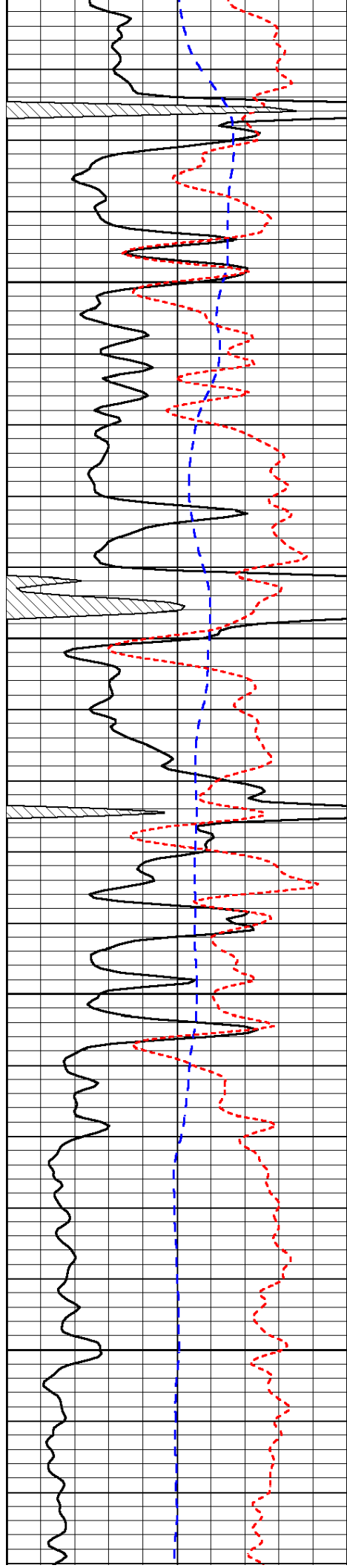
-31

-31

-31

-31

-30

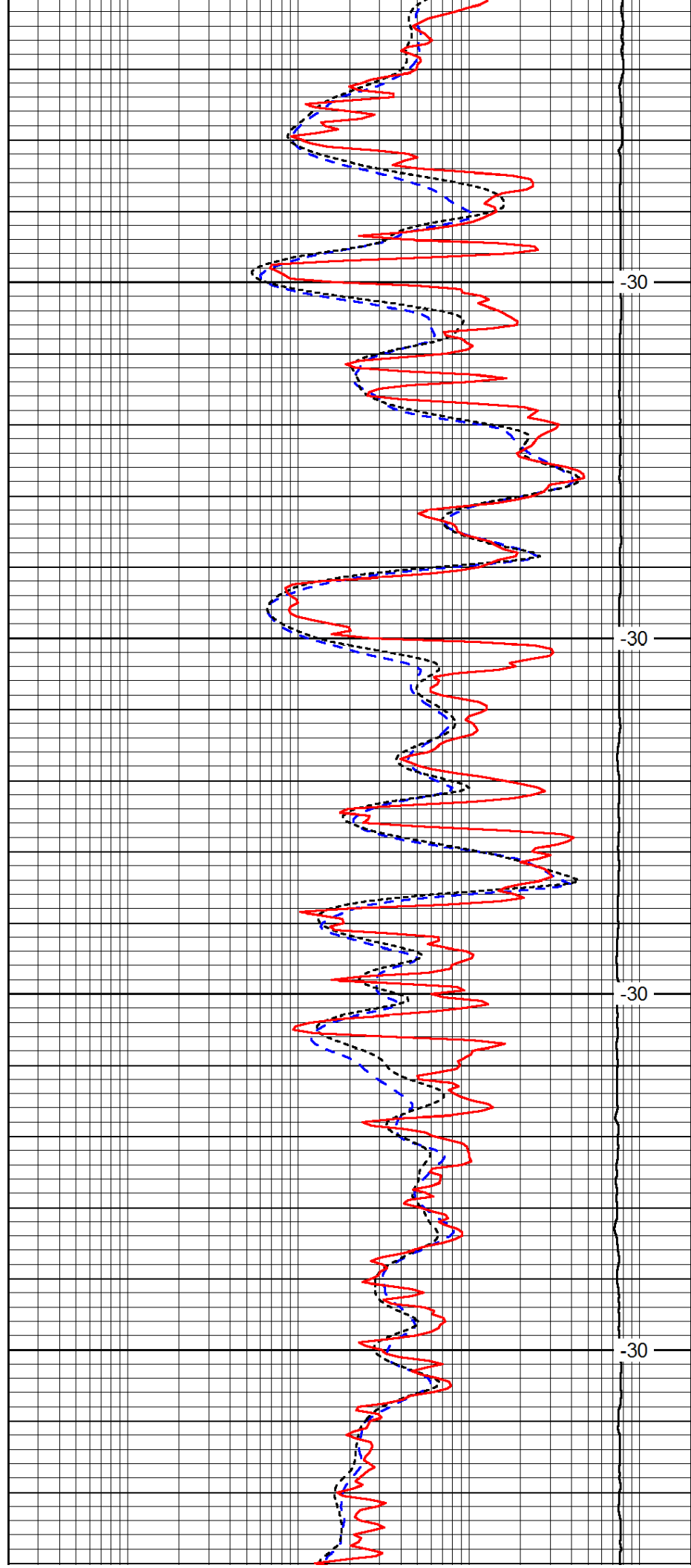


3250

3300

3350

3400

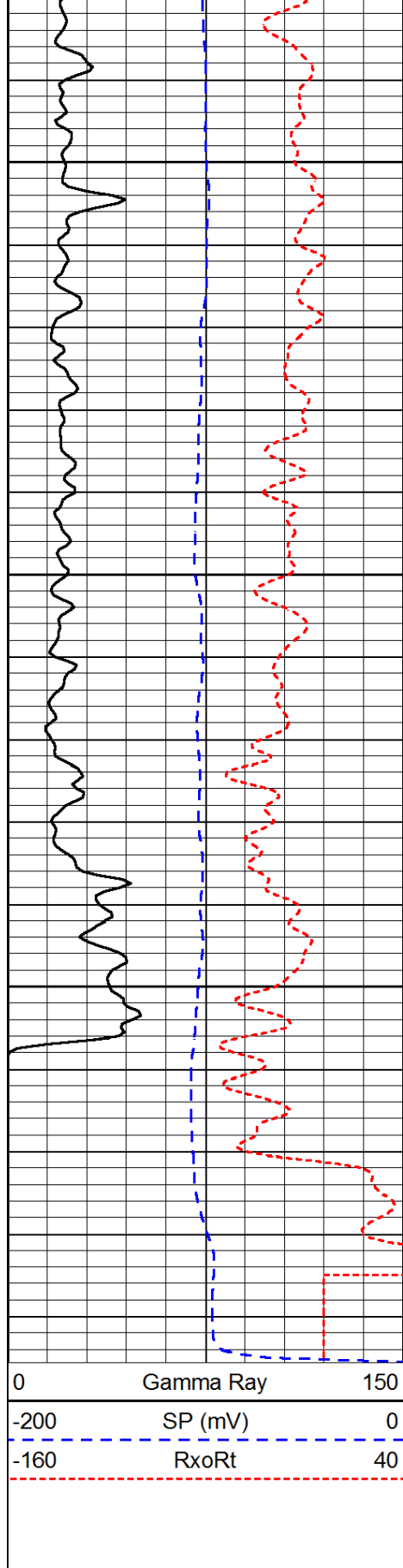


-30

-30

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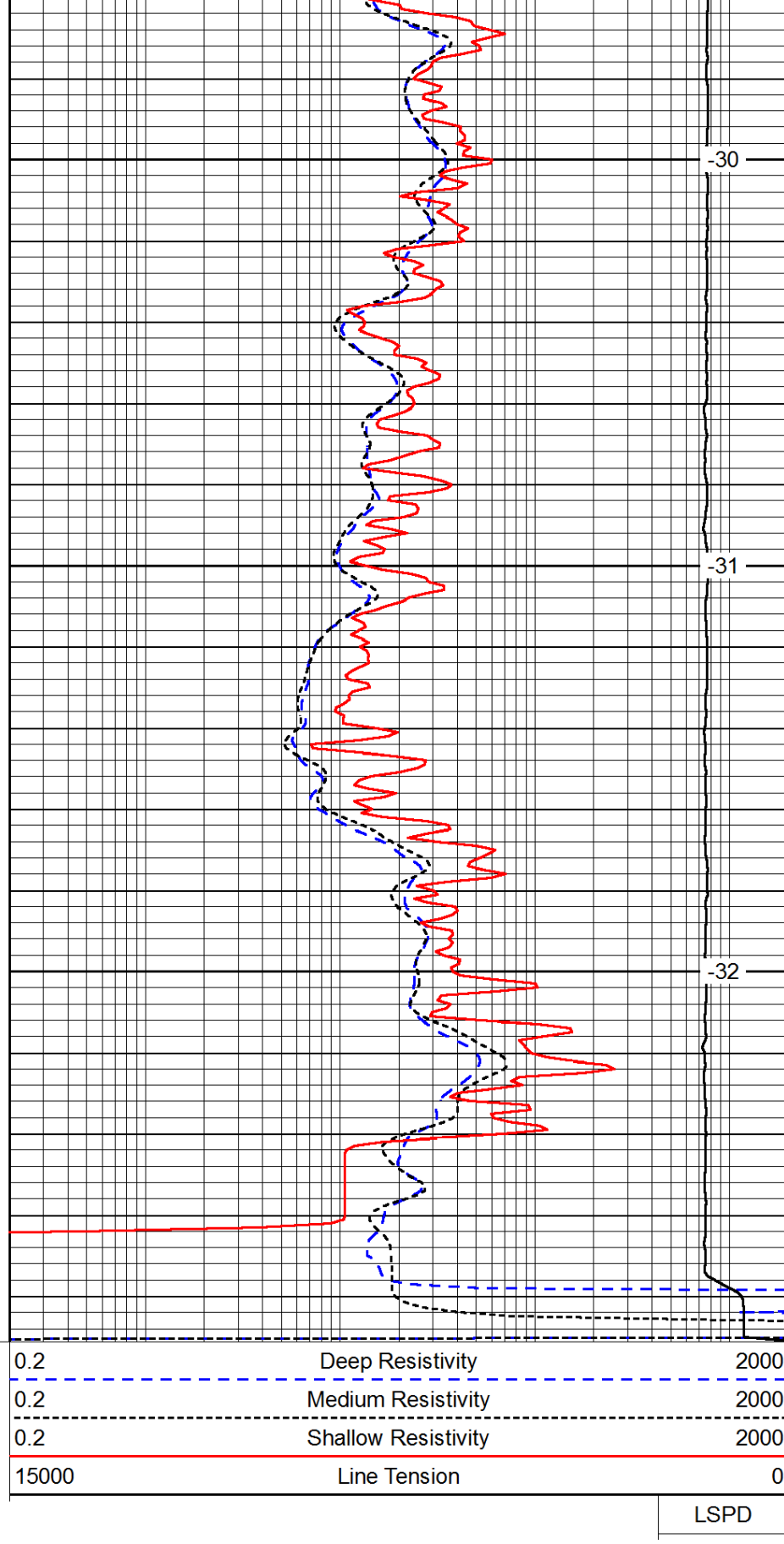
-30



3450

3500

3550



3450

3500

3550

LSPD