



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.

15-083-21,767-00-00

Company American Warrior, Inc.
Well Housman No. 1-9
Field Hanston-Oppy Southeast
County Hodgeman State Kansas

Location SW NE NE NE
335' FNL & 335' FEL

Other Services
CNL/CDL
MEL/BHCS

Sec: 9 Twp: 23S Rge: 22W

Permanent Datum Ground Level Elevation 2197
Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 2208
D.F. 2197
G.L. 2197

Date 4/5/2012

Run Number One

Depth Driller 4500

Depth Logger 4499

Bottom Logged Interval 4498

Top Log Interval 1250

Casing Driller 8.625 @ 1289

Casing Logger 1288

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 7700

Density / Viscosity 9.2 55

pH / Fluid Loss 10.0 8.0

Source of Sample Flowline

Rm @ Meas. Temp .36 @ 70

Rmf @ Meas. Temp .27 @ 70

Rmc @ Meas. Temp .49 @ 70

Source of Rmf / Rmc Charts

Rm @ BHT .21 @ 121

Operating Rig Time 4 Hours

Max Rec. Temp. F 121

Equipment Number 10

Location Hays

Recorded By J. Long

Witnessed By Harley Sayles

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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

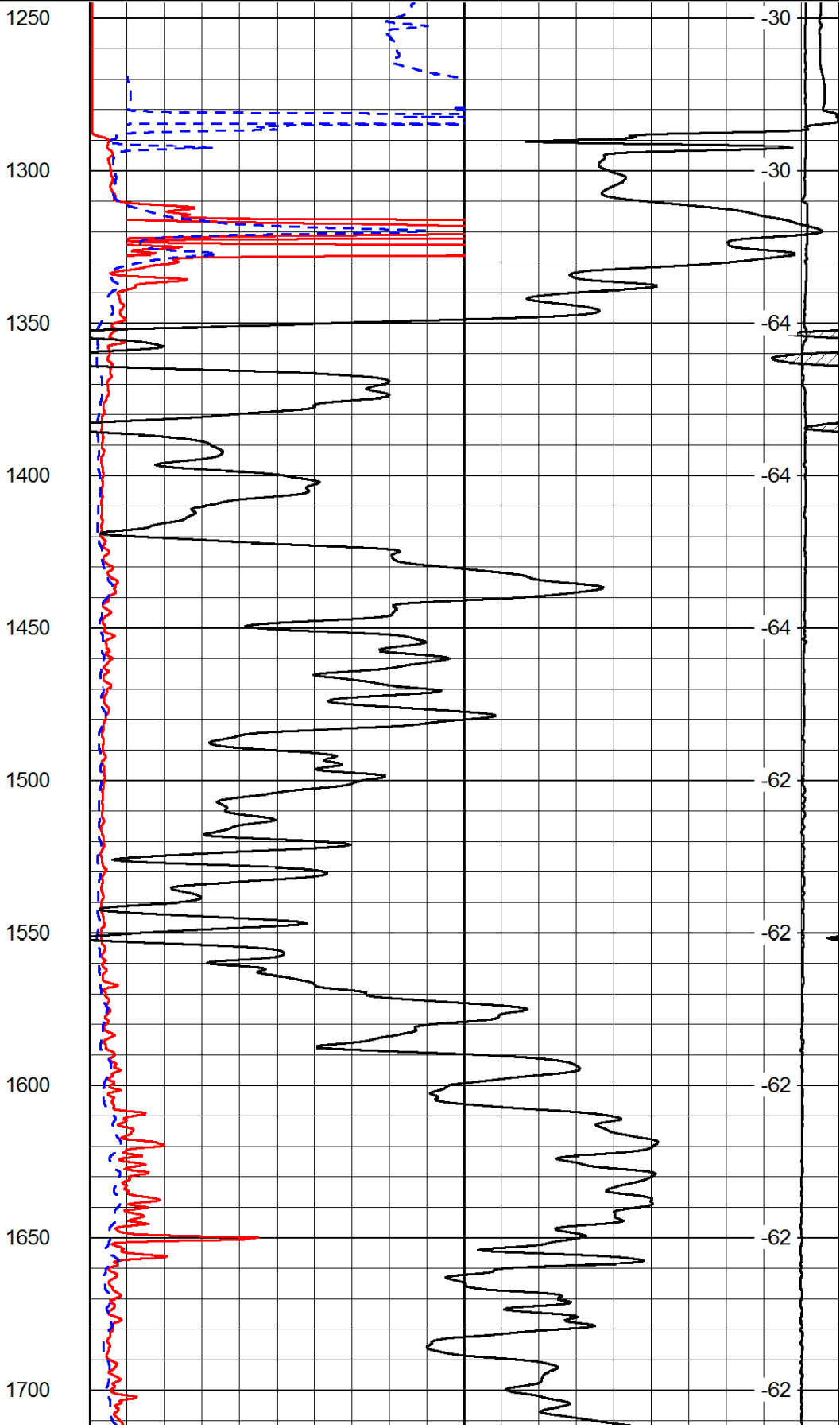
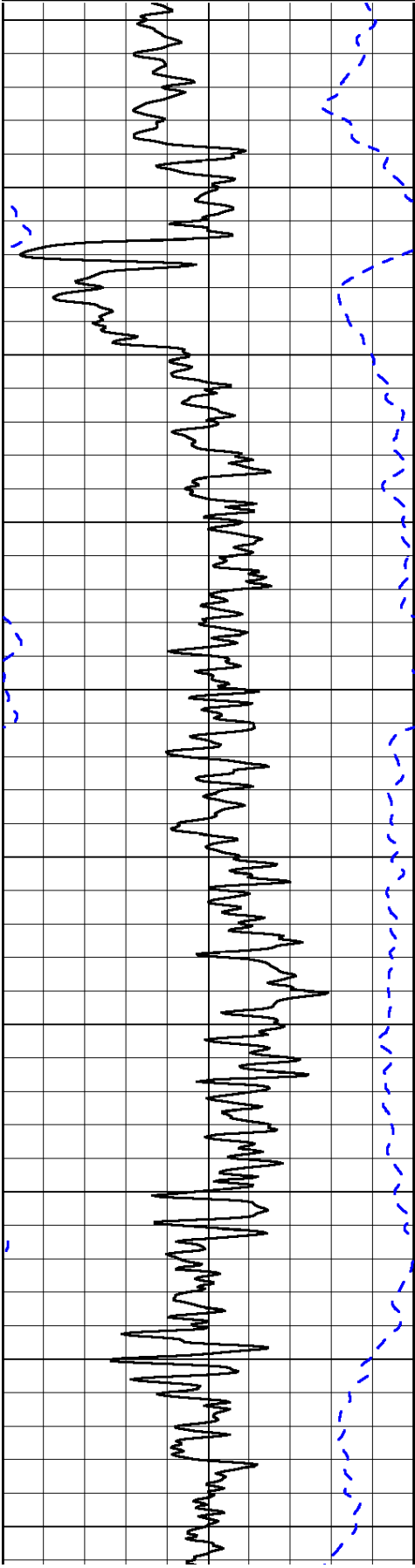
Hanston, 3.8 South on 228 Road, 1.1 West on L Road, South Into

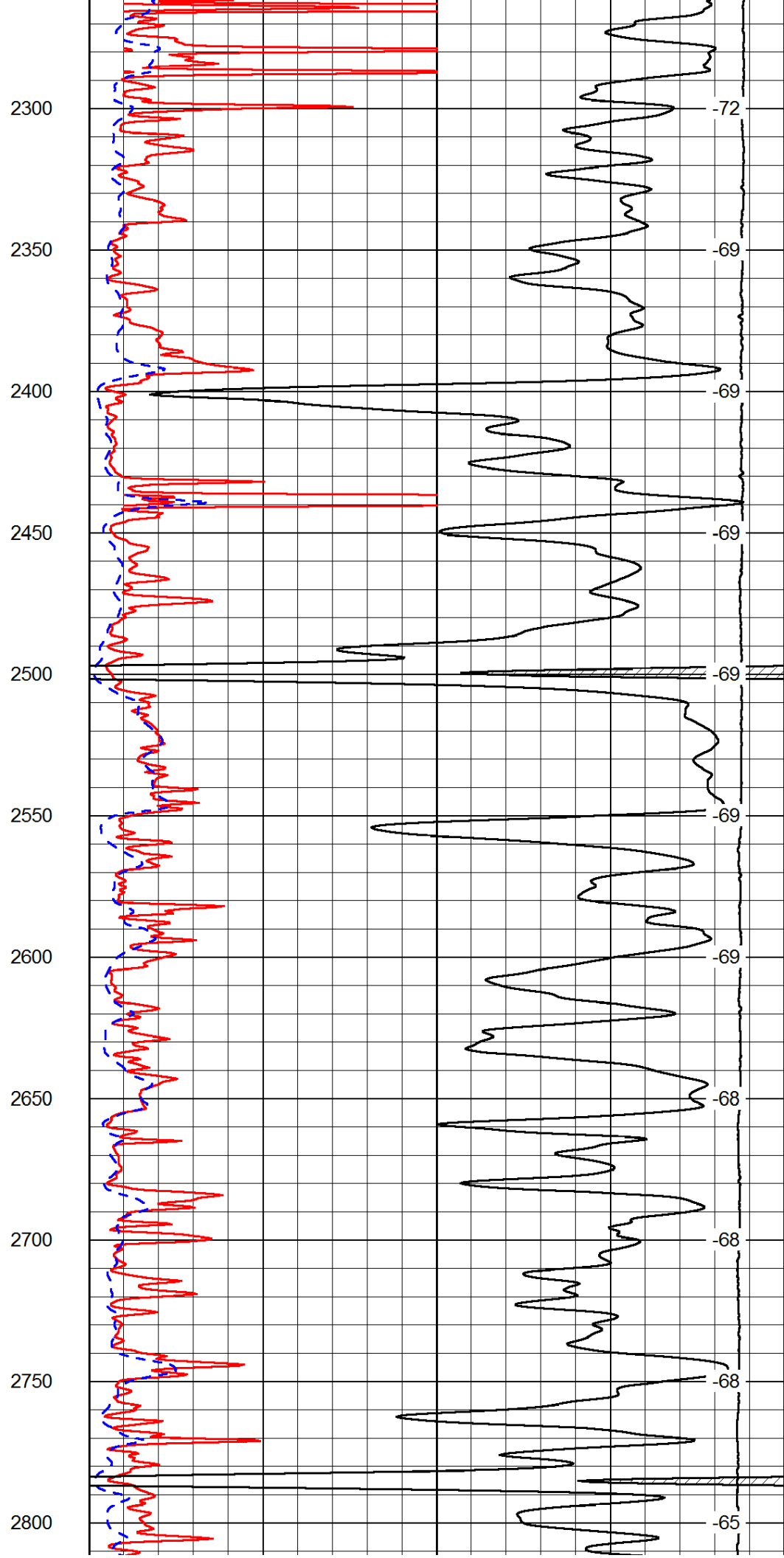
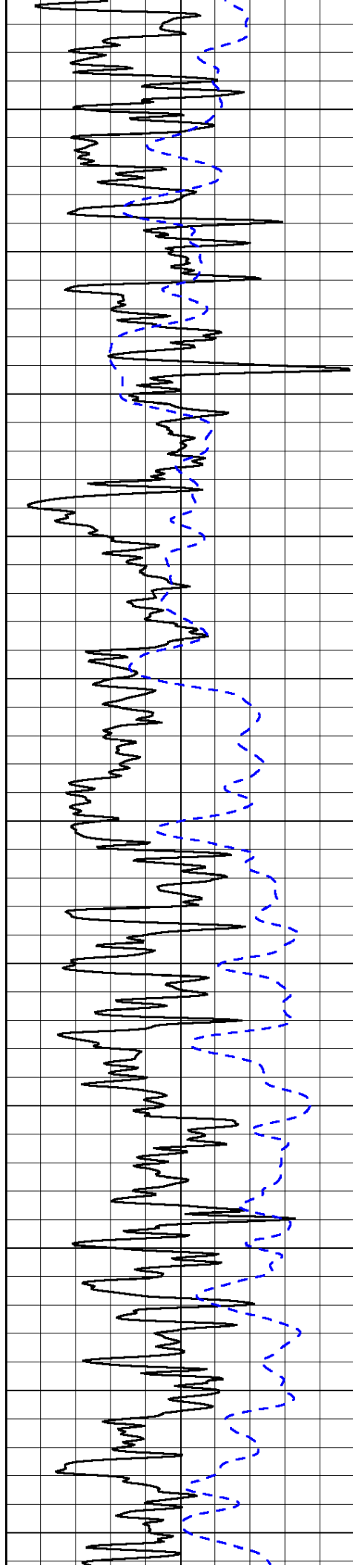
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Dataset Pathname: dil\awstck
Presentation Format: dil2in
Dataset Creation: Thu Apr 05 11:54:24 2012
Charted by: Depth in Feet scaled 1:600

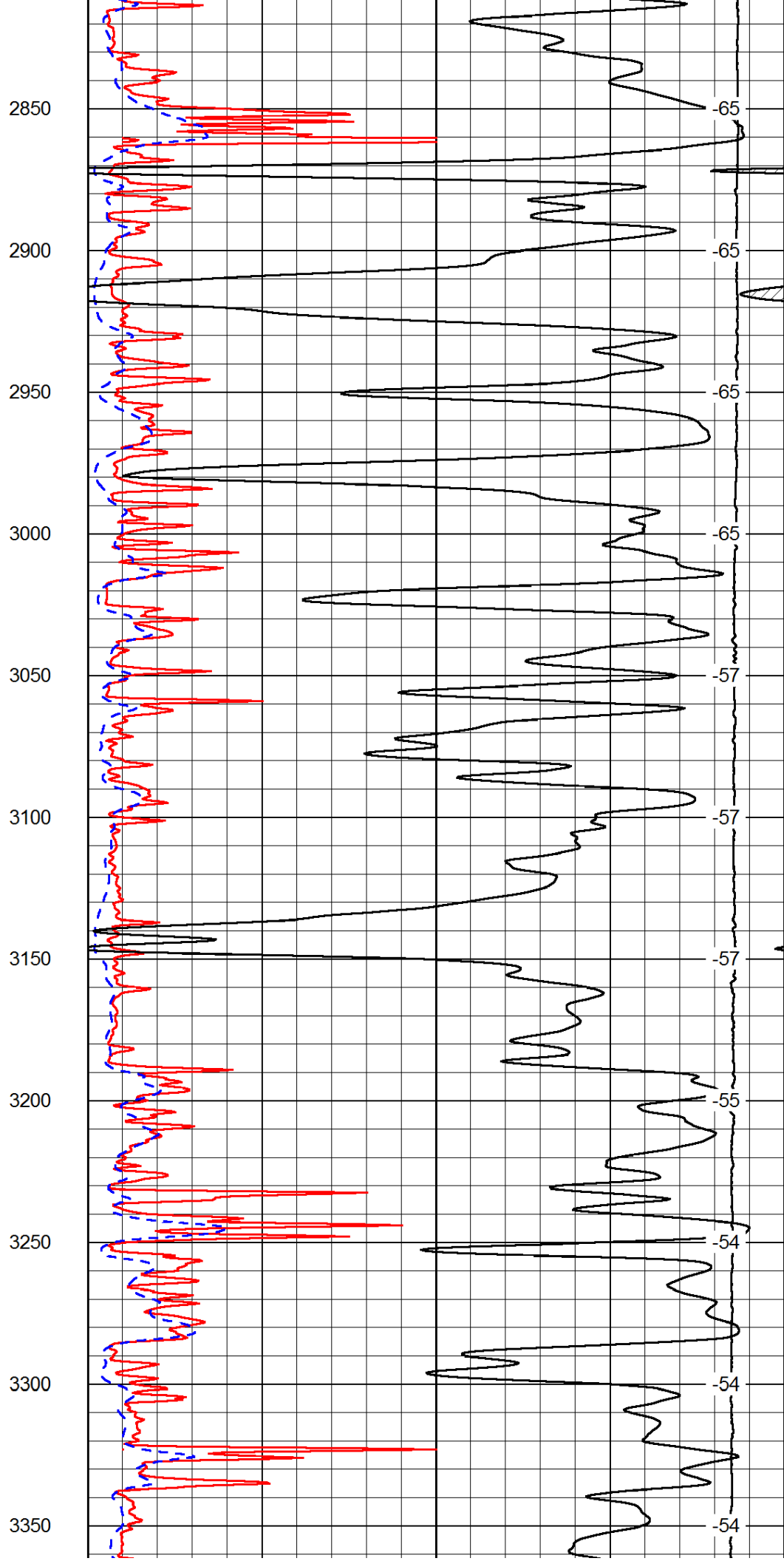
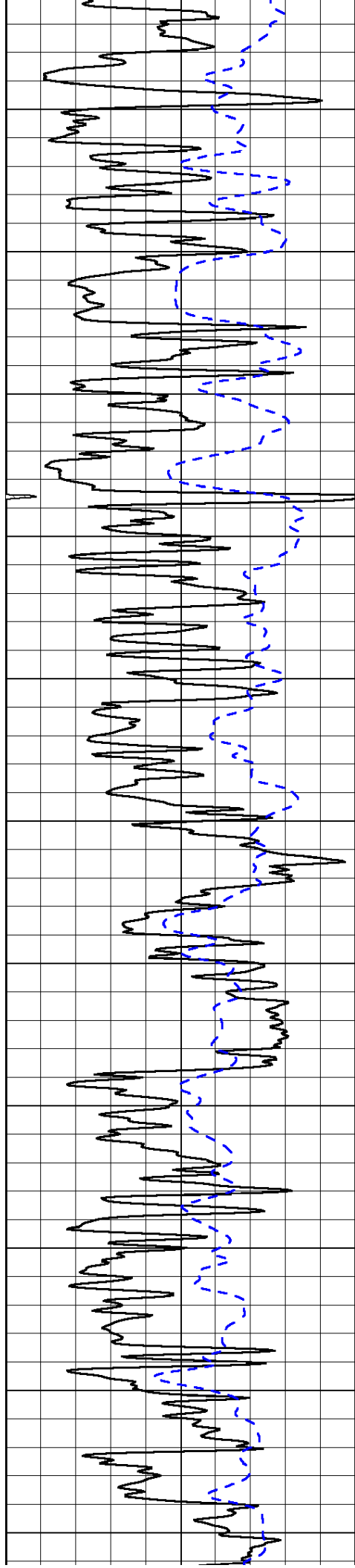
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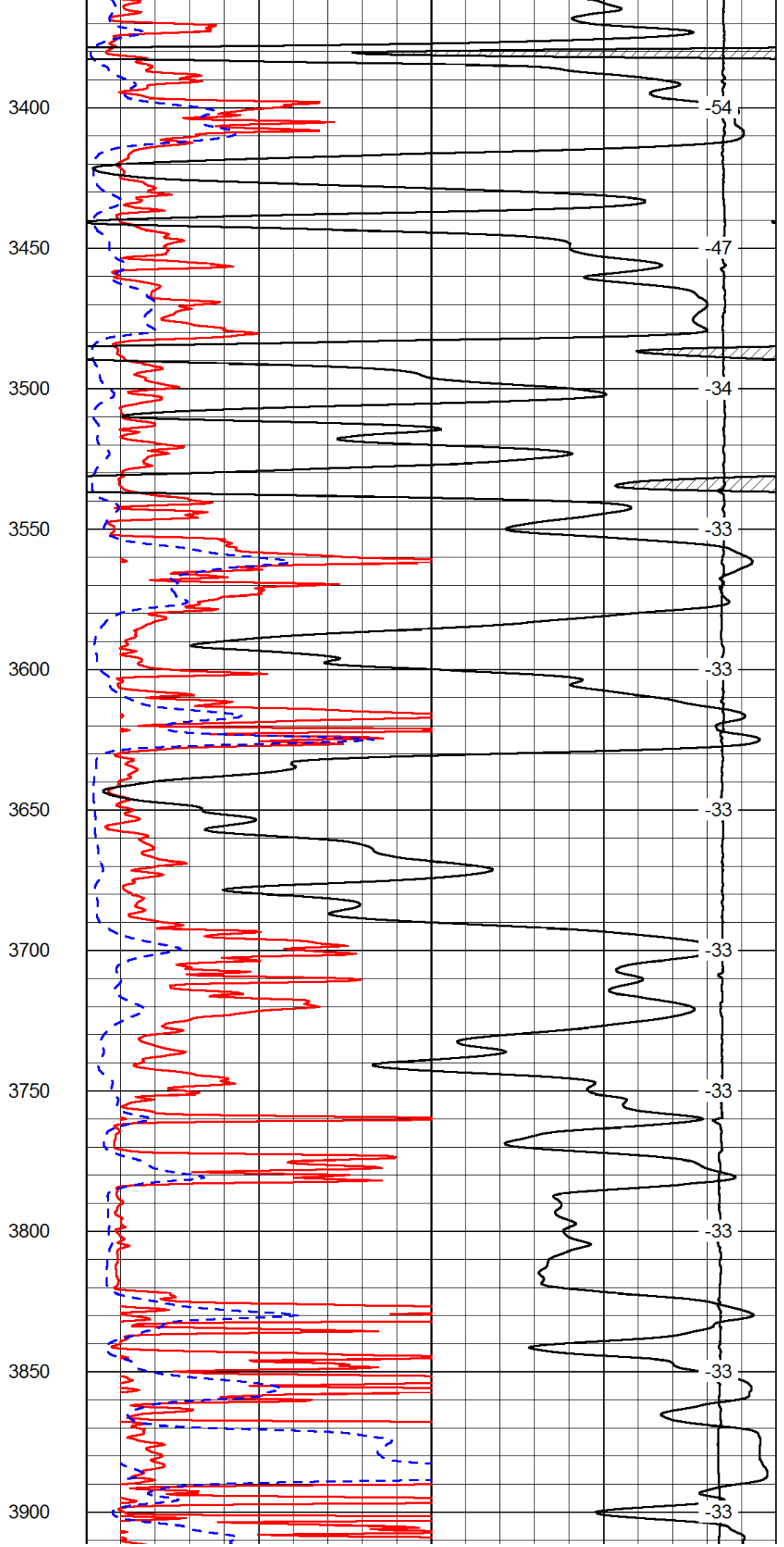
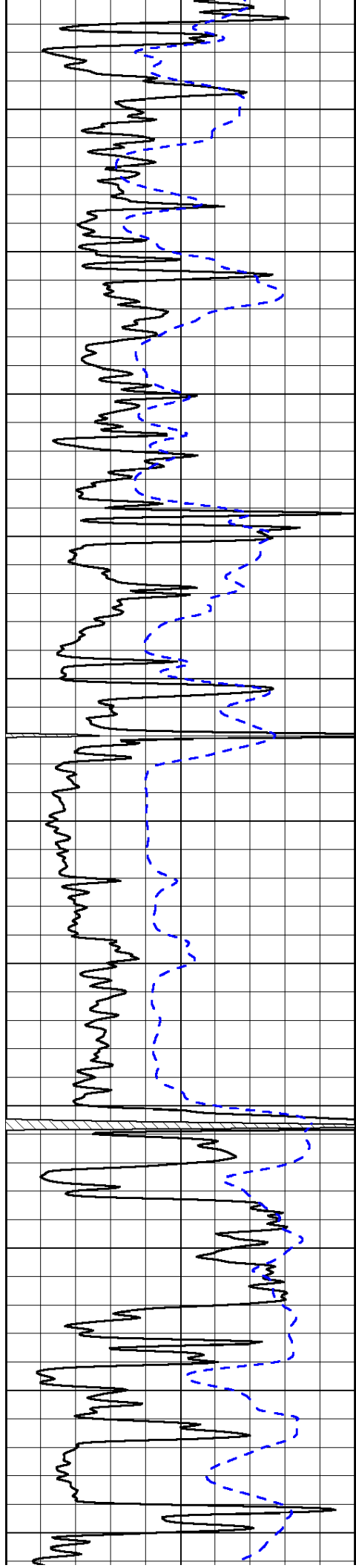
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-200	SP (mV)	0

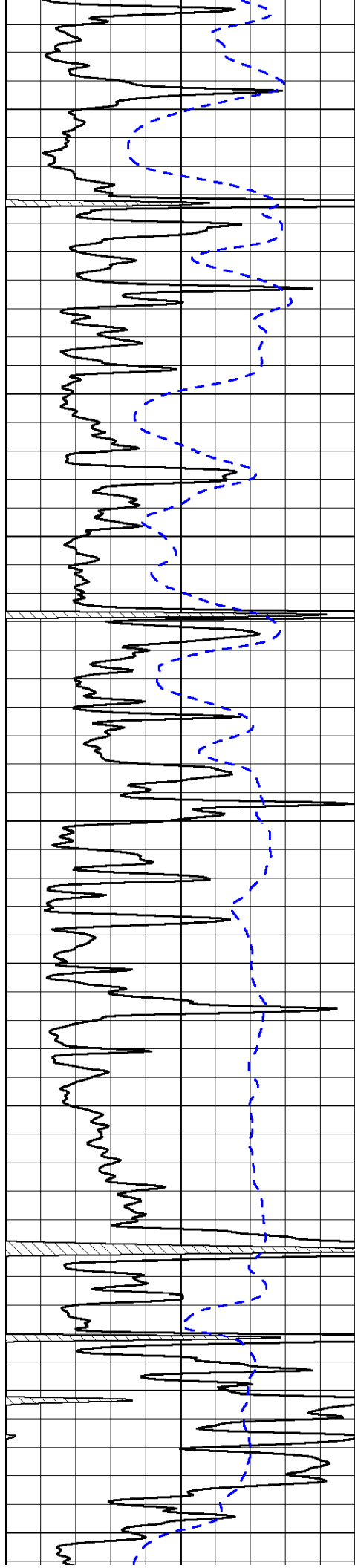
0 Shallow Resistivity 50			LSPD
0 Deep Resistivity 50			
1000 Conductivity			0
15000 Line Tension			0
50	Shallow Resistivity	500	
50	Deep Resistivity	500	











3950

4000

4050

4100

4150

4200

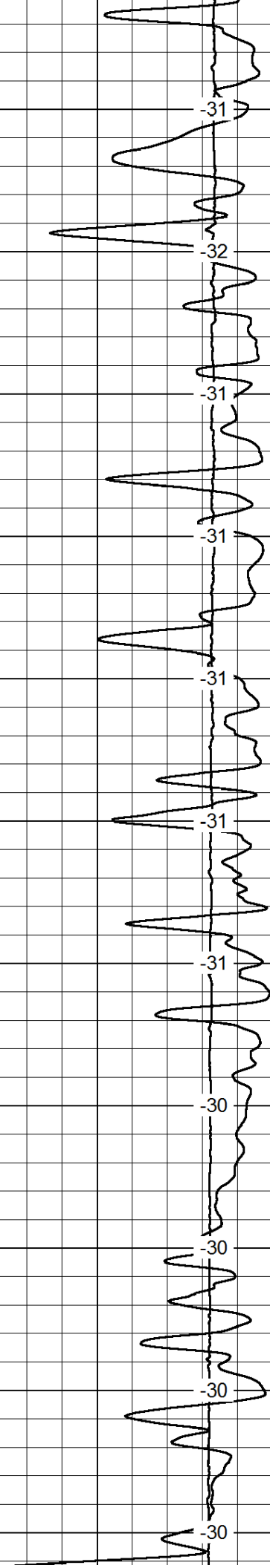
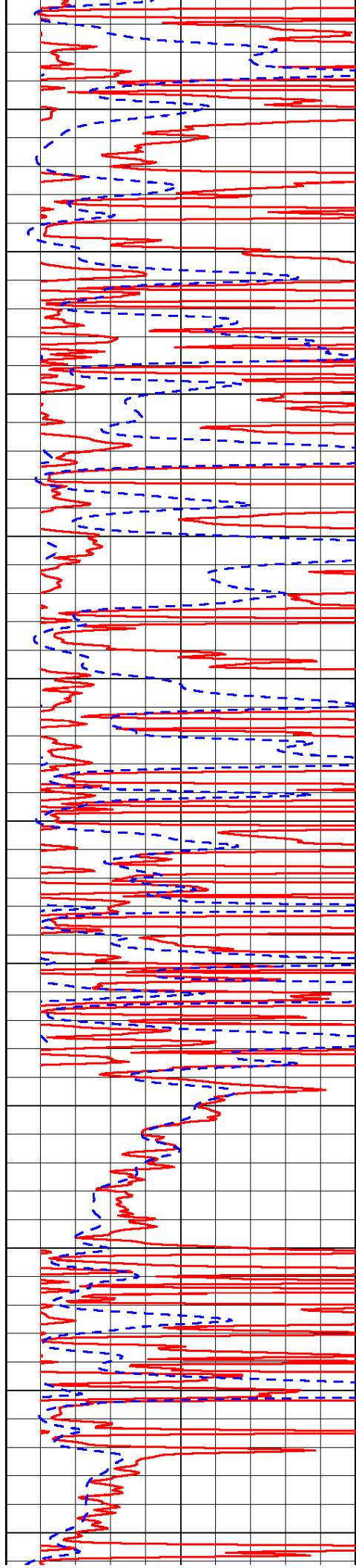
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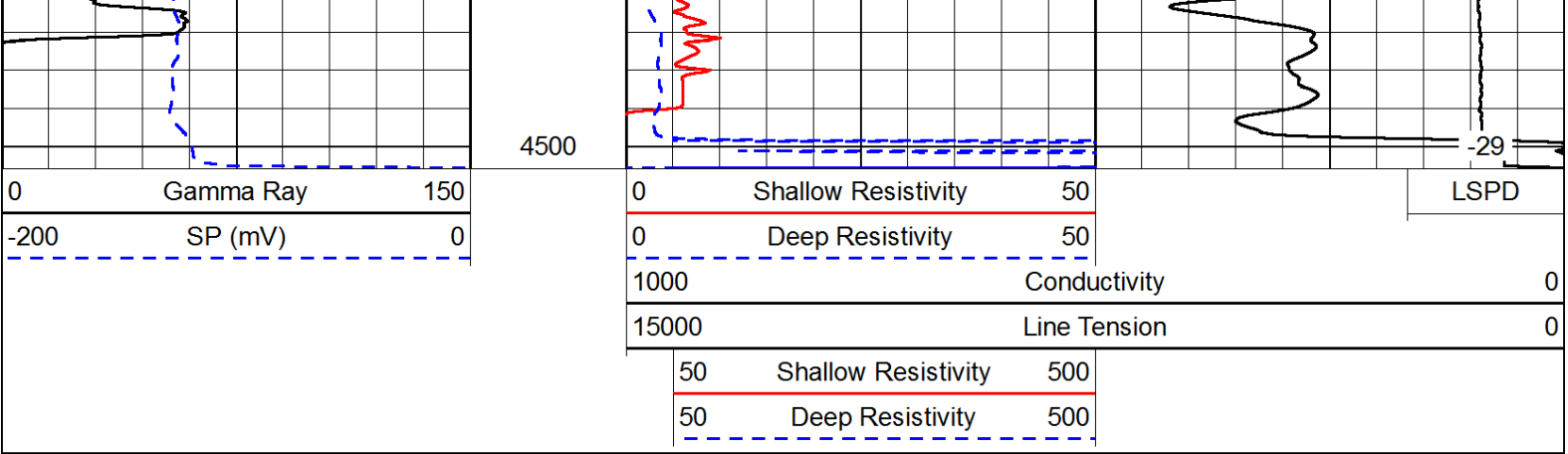
4300

4350

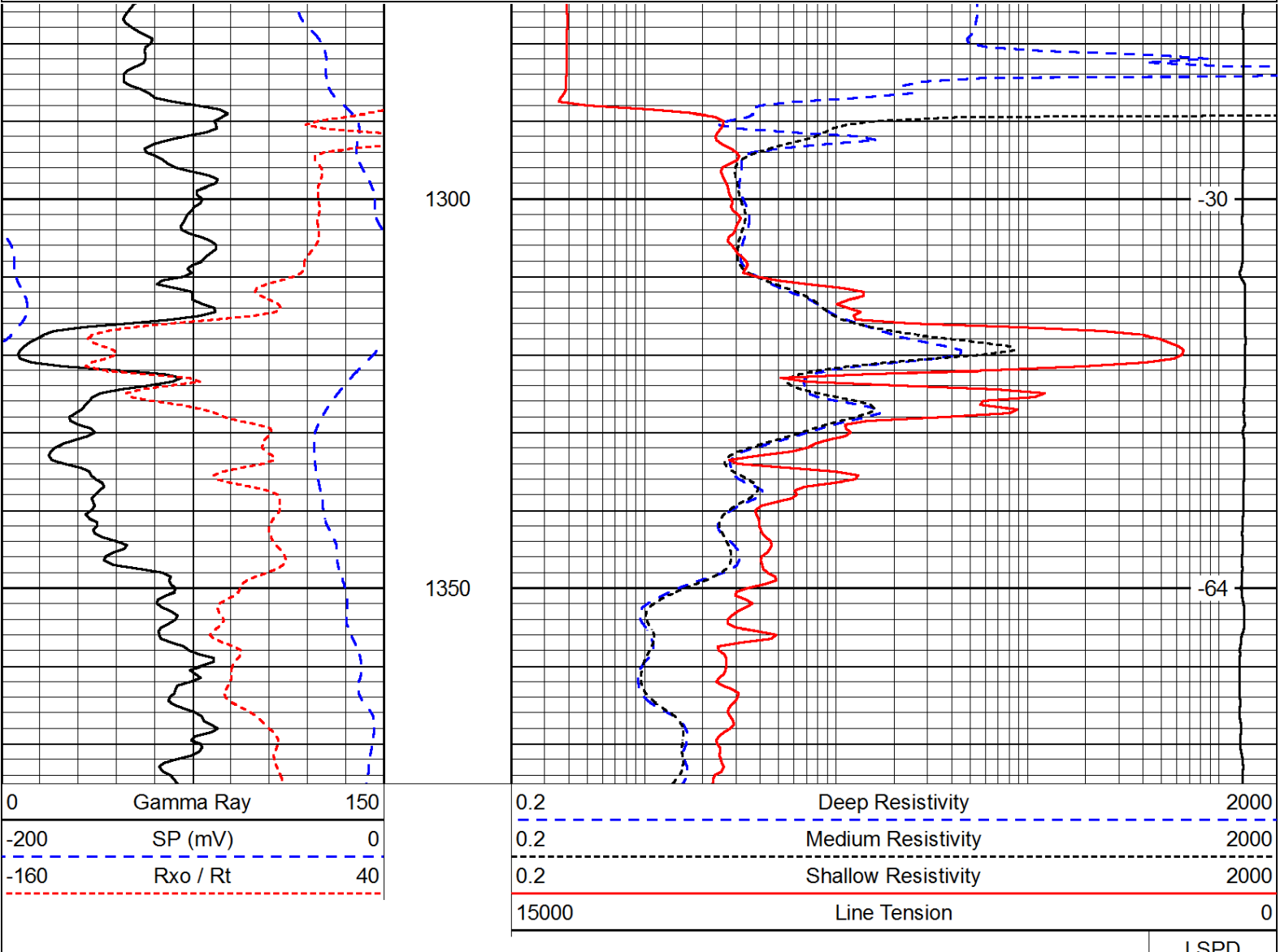
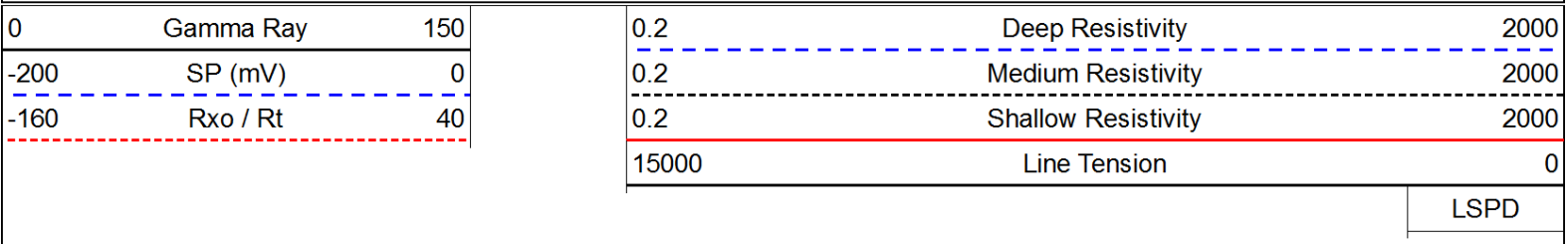
4400

4450





Database File: c:\warrior\data\amwar_housman no. 1-9\amwarrior_housman_1hd.db
Dataset Pathname: dil/awstck
Presentation Format: dil
Dataset Creation: Thu Apr 05 11:54:24 2012
Charted by: Depth in Feet scaled 1:240

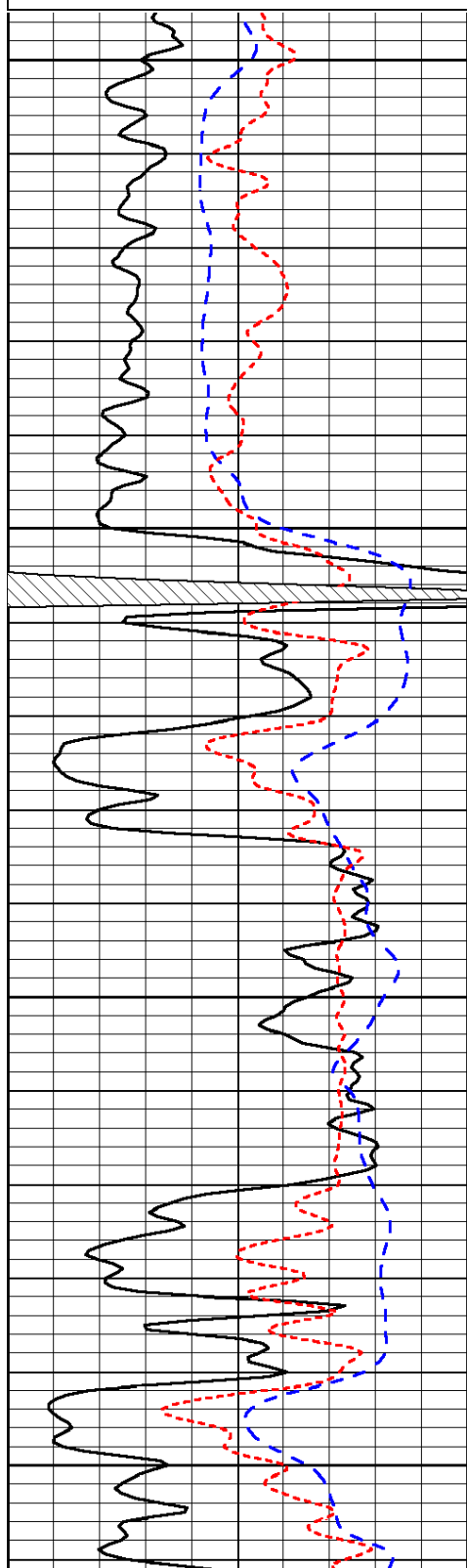


Database File: c:\warrior\data\amwar_housman no. 1-9\amwarrior_housman_1hd.db
 Dataset Pathname: dil/awstck
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 Dataset Creation: Thu Apr 05 11:54:24 2012
 Charted by: Depth in Feet scaled 1:240

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

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

LSPD

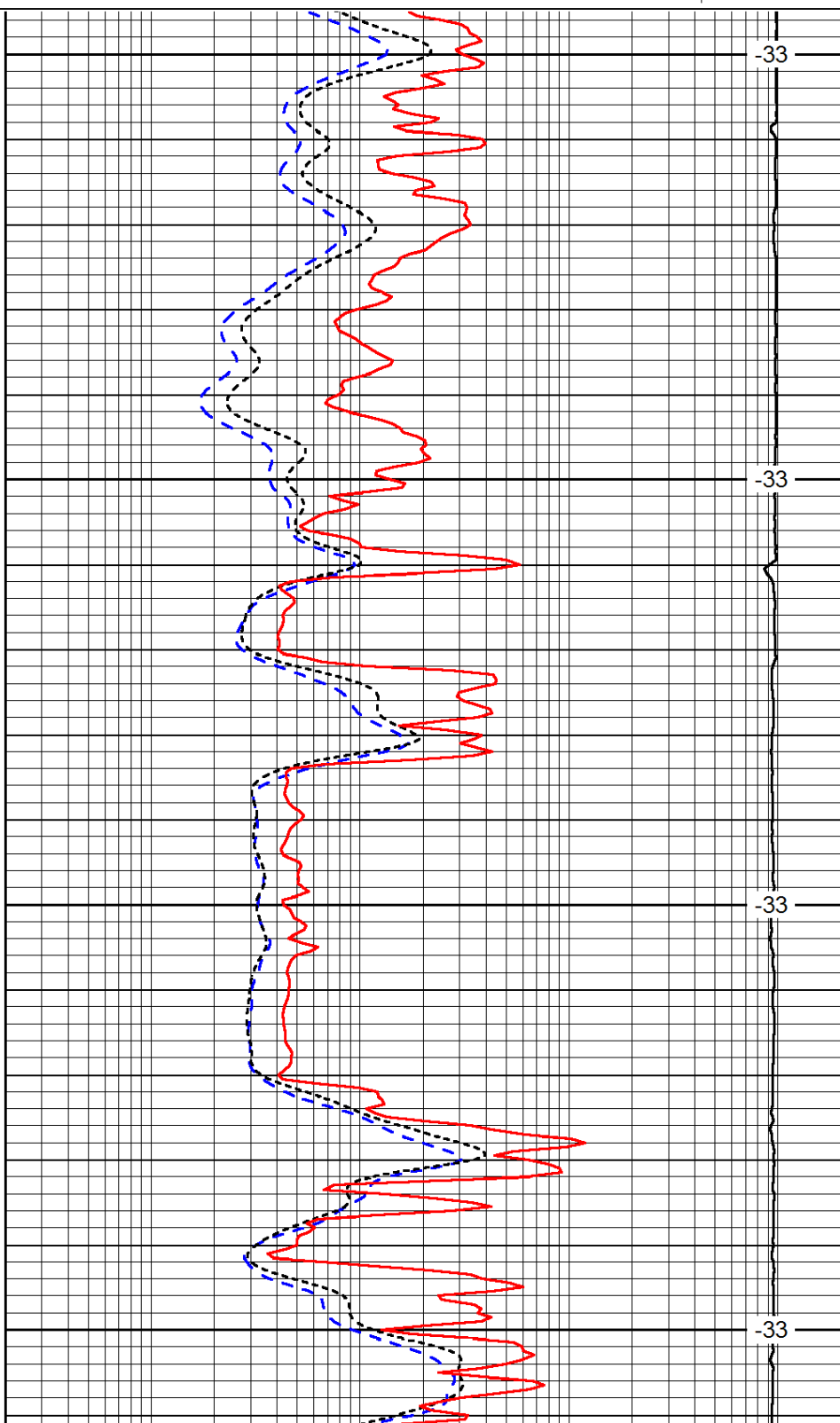


3700

3750

3800

3850

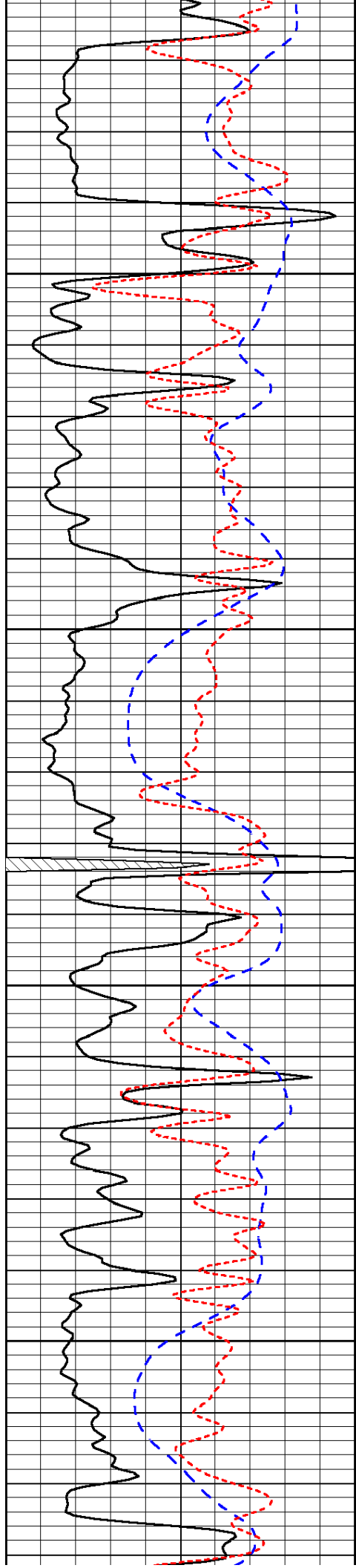


-33

-33

-33

-33

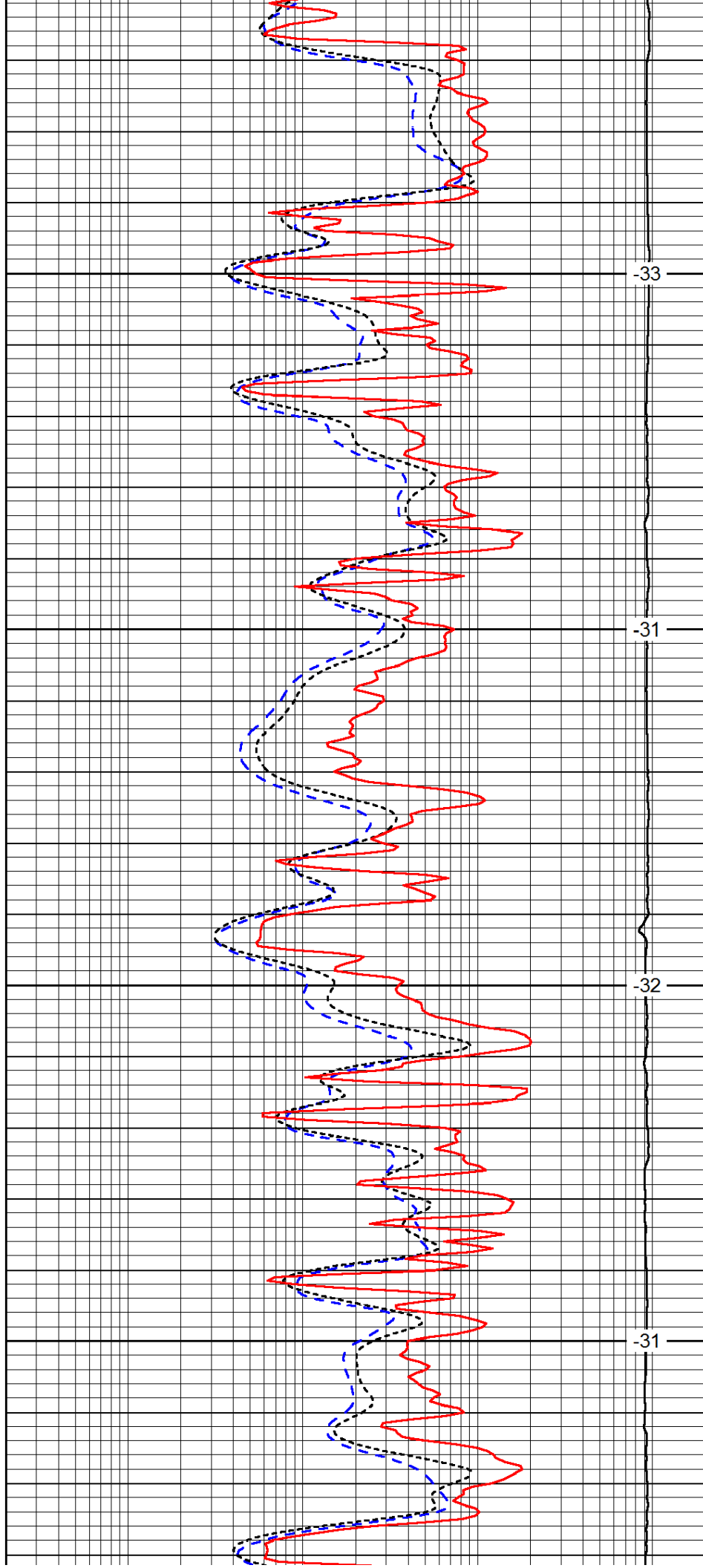


3900

3950

4000

4050

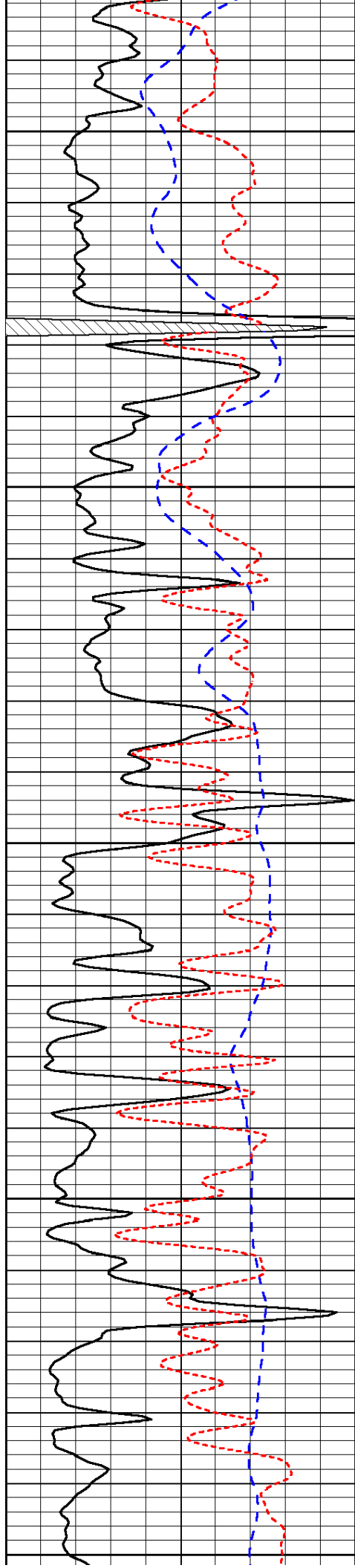


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-32

-31



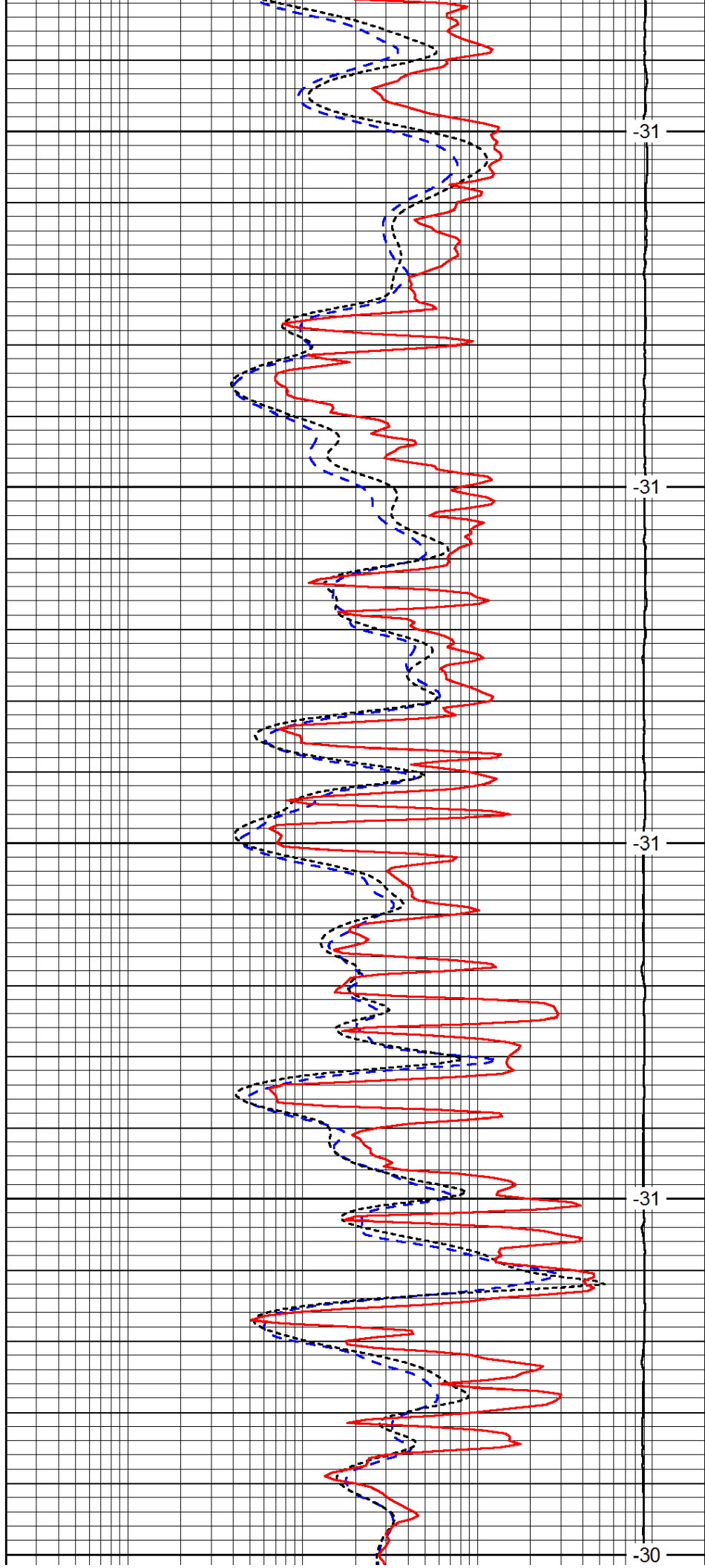
4100

4150

4200

4250

4300



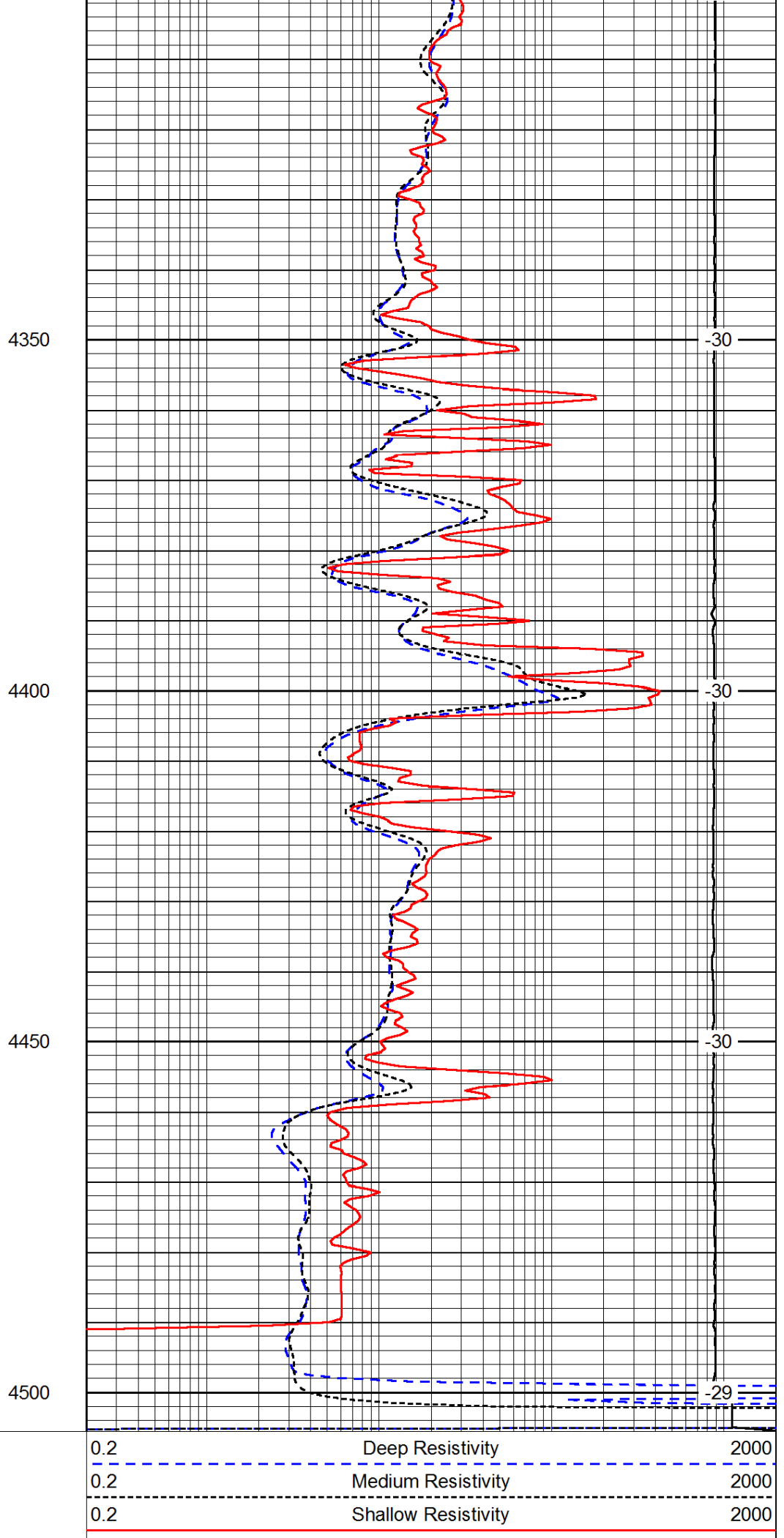
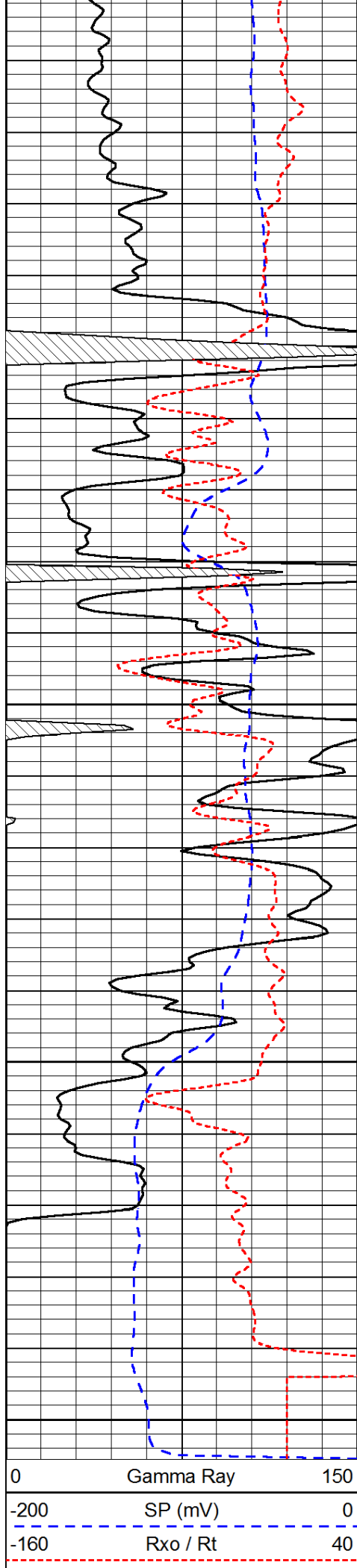
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-31

-31

-30



	15000	Line tension	0
			LSPD