



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	15-101-22,259-00-00		
Company	Larson Engineering, Inc.		
Well	McLeish 'B' No. 3-24		
Field	Wildcat		
County	Lane	State	Kansas
Location	930' FSL & 638' FEL		Other Services CNL/CDL MEL
Sec: 24	Twp: 18 S	Rge: 27 W	Elevation K.B. 2645 D.F. 2638 G.L. 2638
Permanent Datum	Ground Level	Elevation 2638	
Log Measured From	Kelly Bushing	7 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Date	10/18/2010		
Run Number	One		
Depth Driller	4660		
Depth Logger	4660		
Bottom Logged Interval	4659		
Top Log Interval	250		
Casing Driller	8.625 @ 256		
Casing Logger	252		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	5200		
Density / Viscosity	9.4	51	
pH / Fluid Loss	10.0	8.0	
Source of Sample	Flowline		
Rm @ Meas. Temp	1.30 @ 70		
Rmf @ Meas. Temp	0.98 @ 70		
Rmc @ Meas. Temp	1.76 @ 70		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.74 @ 123		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	123		
Equipment Number	15		
Location	Hays		
Recorded By	B. Becker		
Witnessed By	Bob Lewellyn		

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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

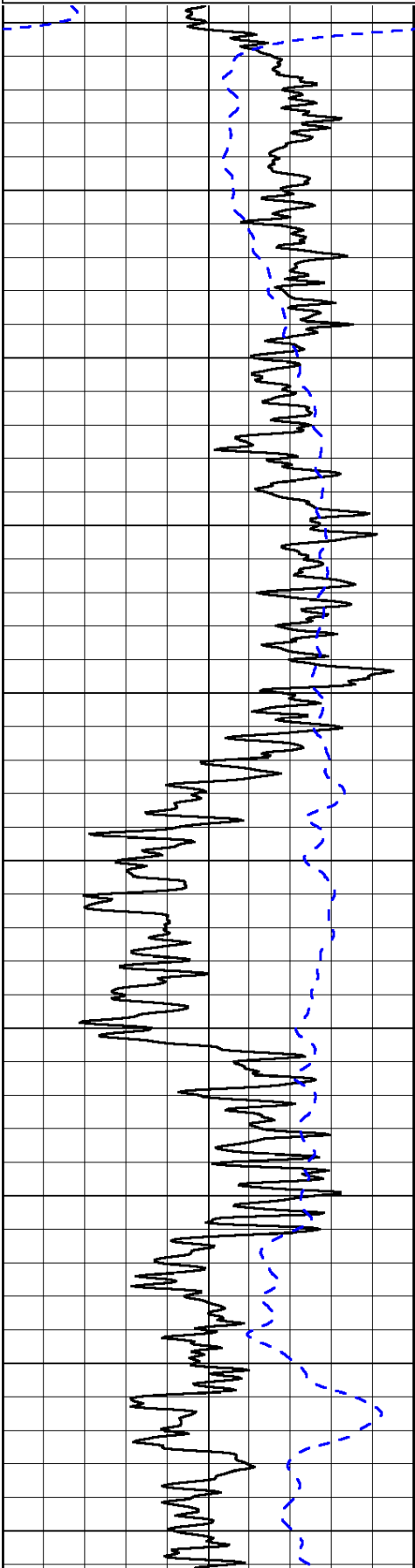
Thank you for using Log-Tech, Inc.
(785) 625-3858

Dighton, Ks; 12 E;
South Into

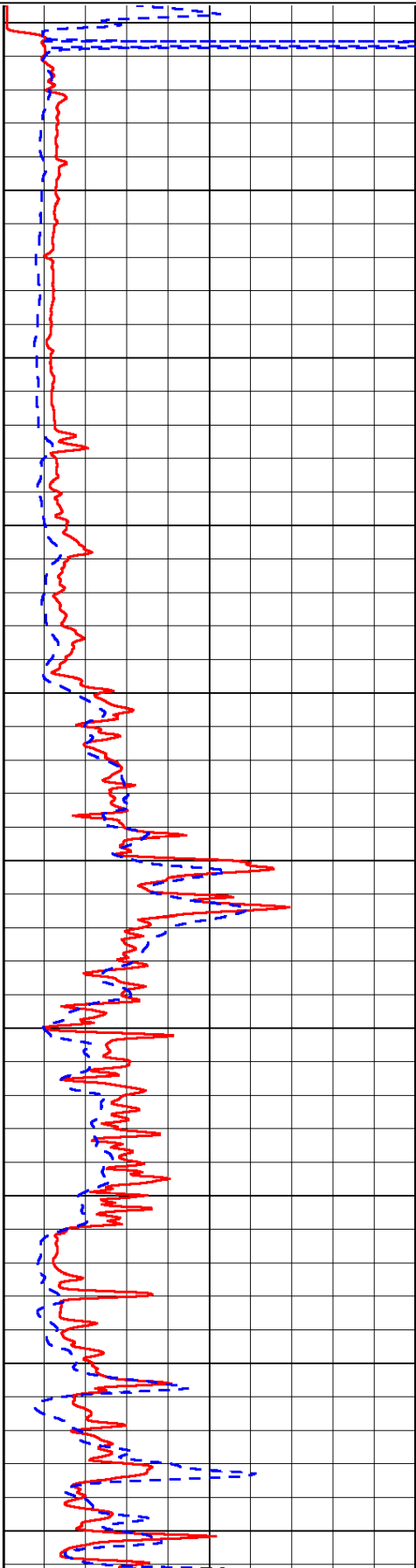
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Dataset Pathname: DIL\larson
Presentation Format: dil2in
Dataset Creation: Mon Oct 18 12:56:54 2010
Charted by: Depth in Feet scaled 1:600

Charted by: Depth in Feet scaled 1:500

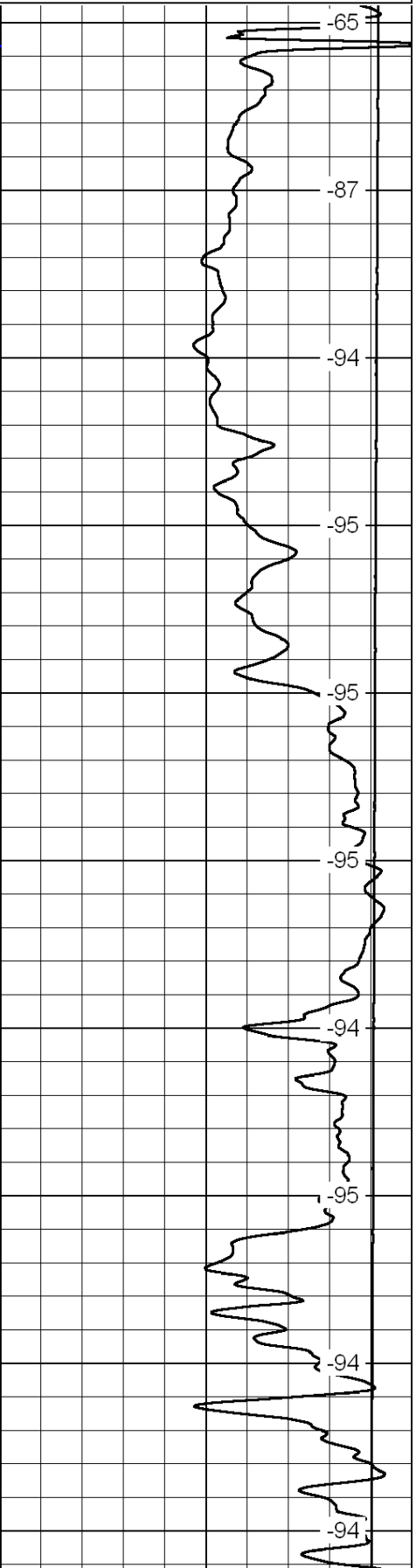
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-200	SP (mV)	0

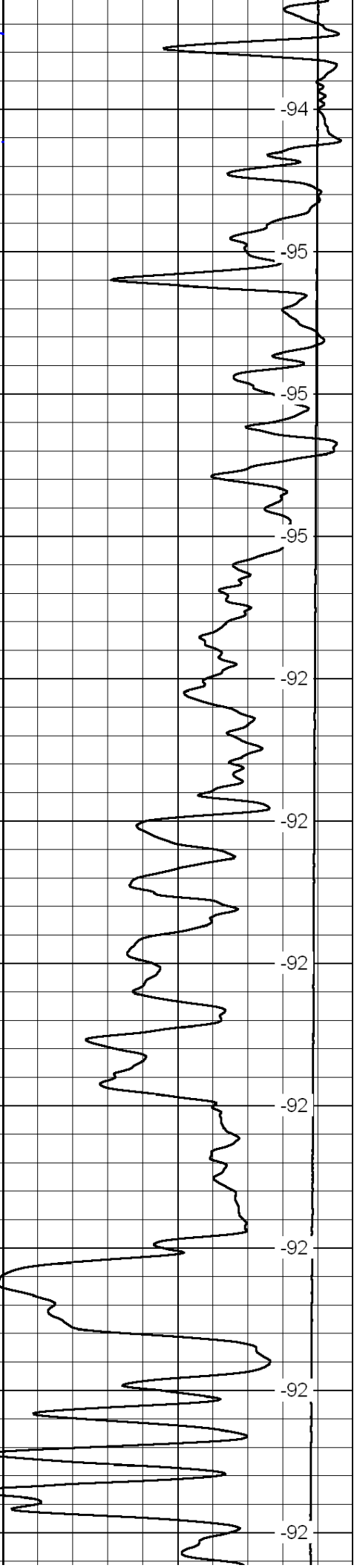
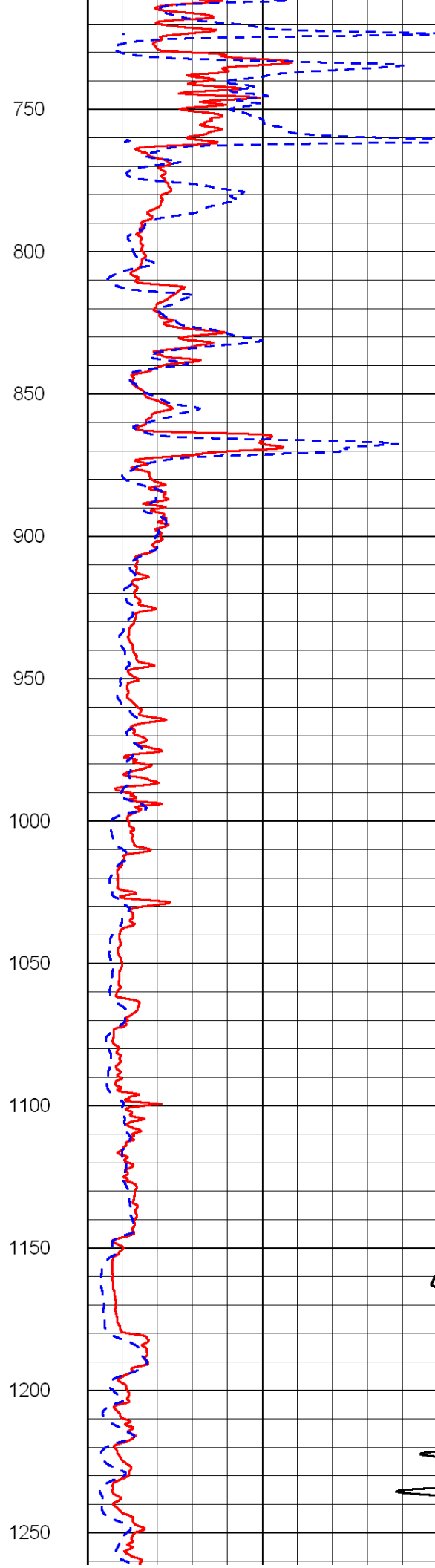
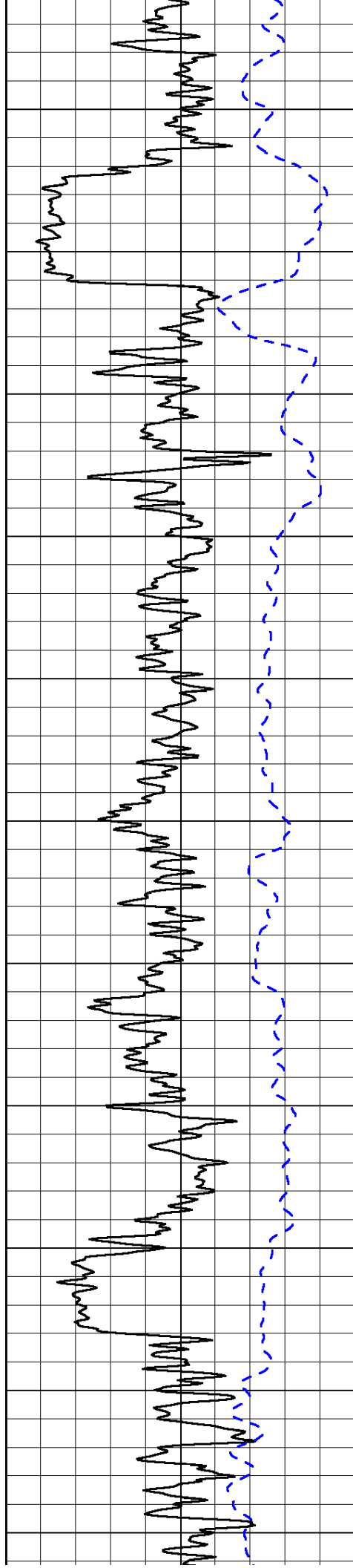


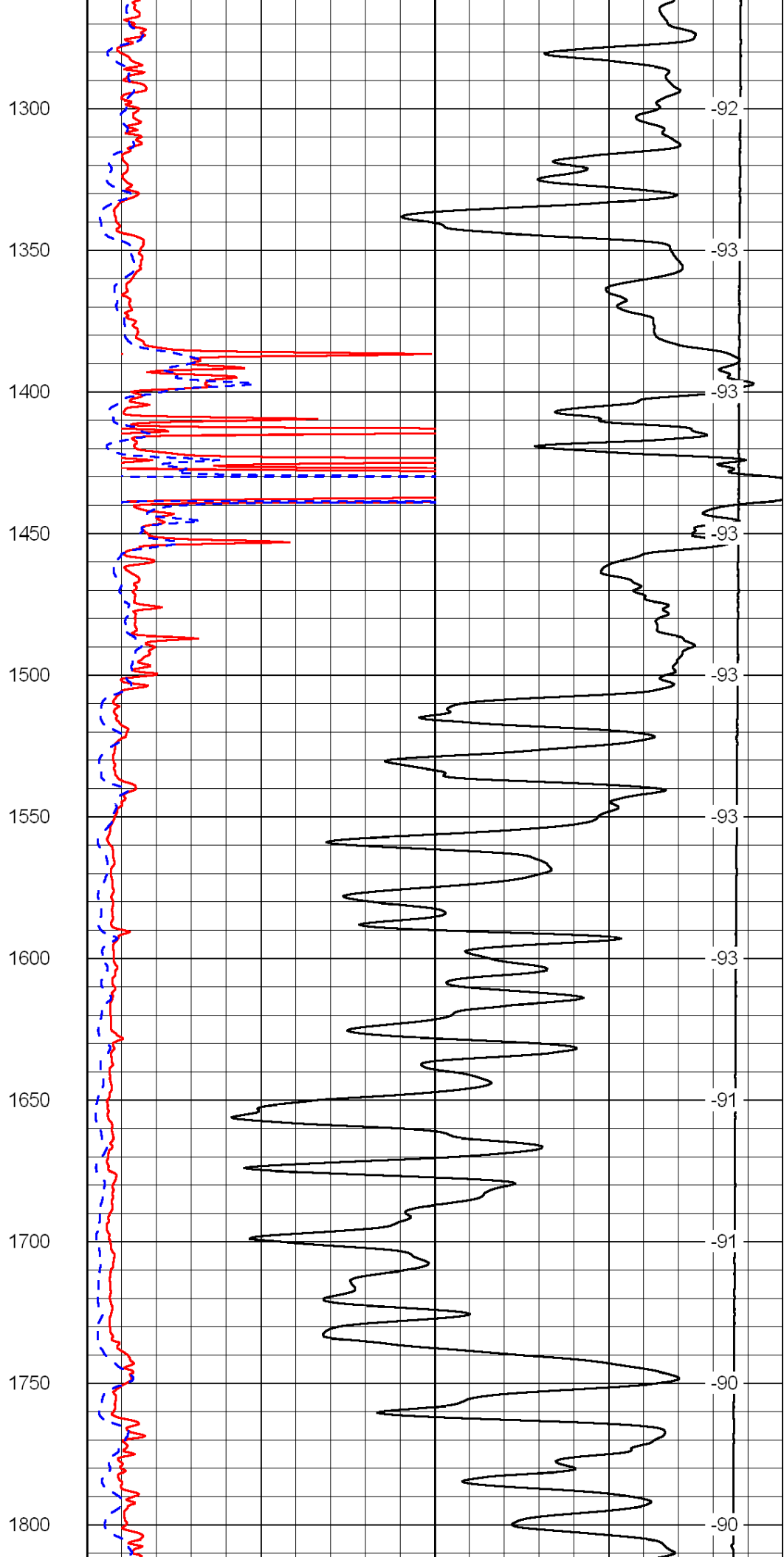
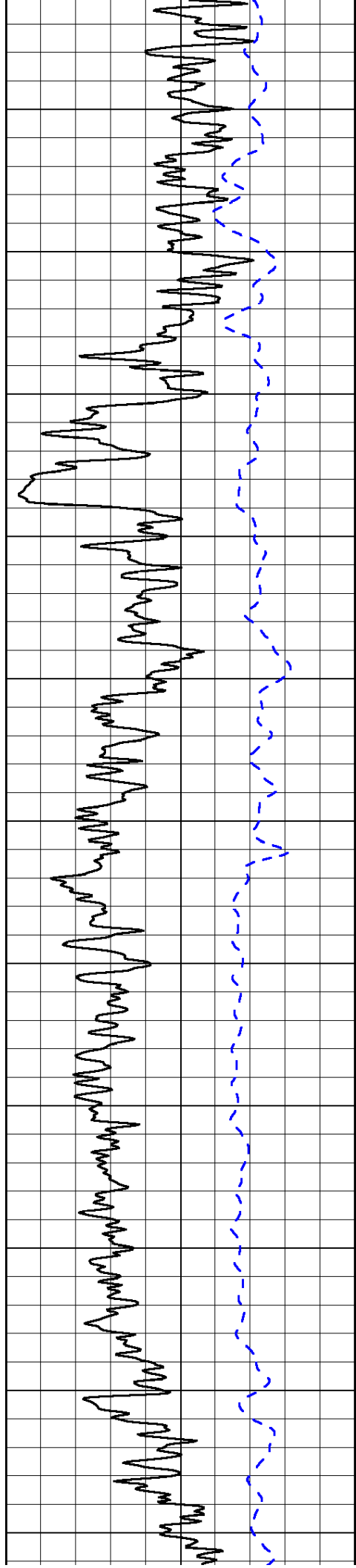
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

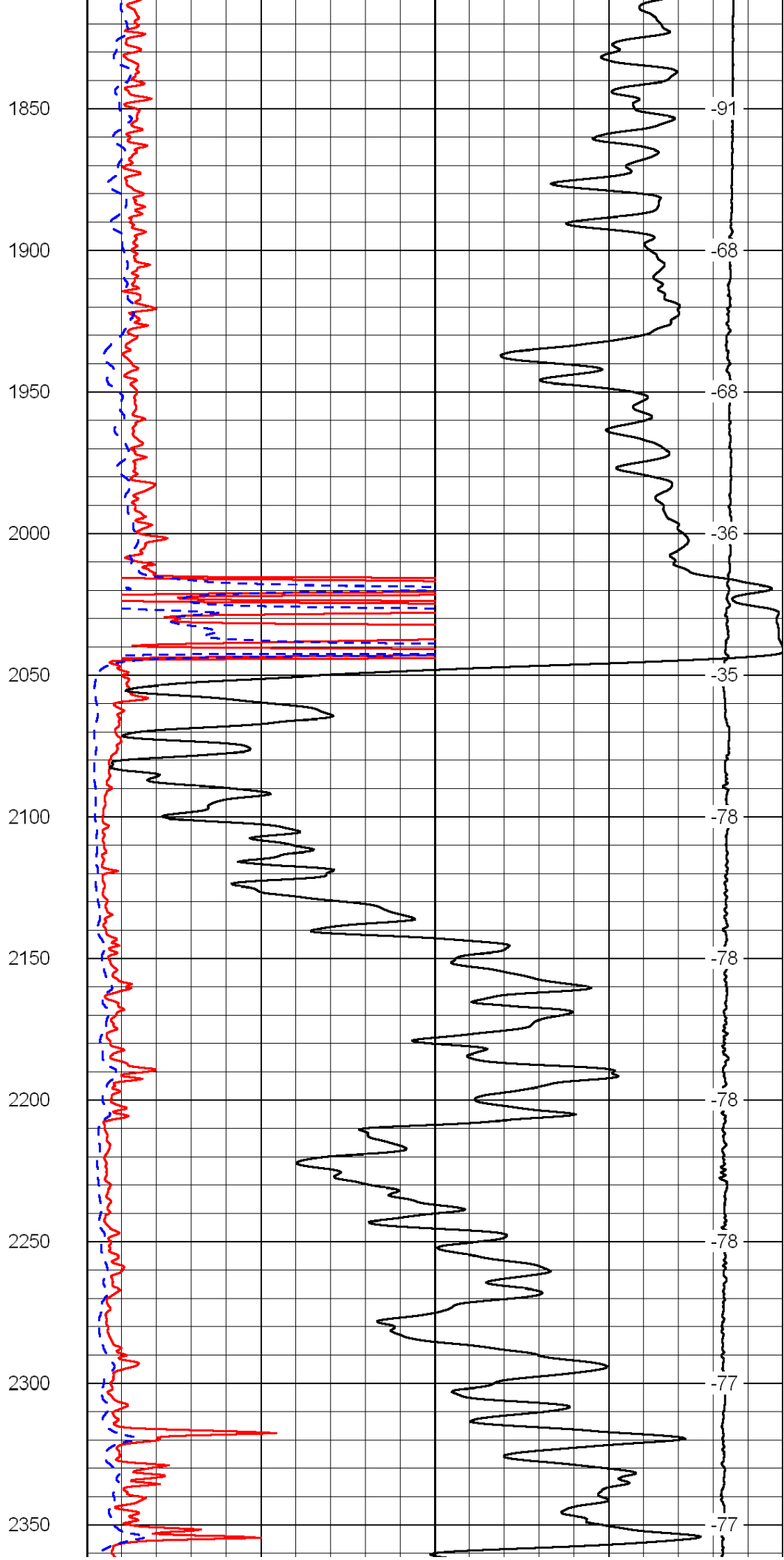
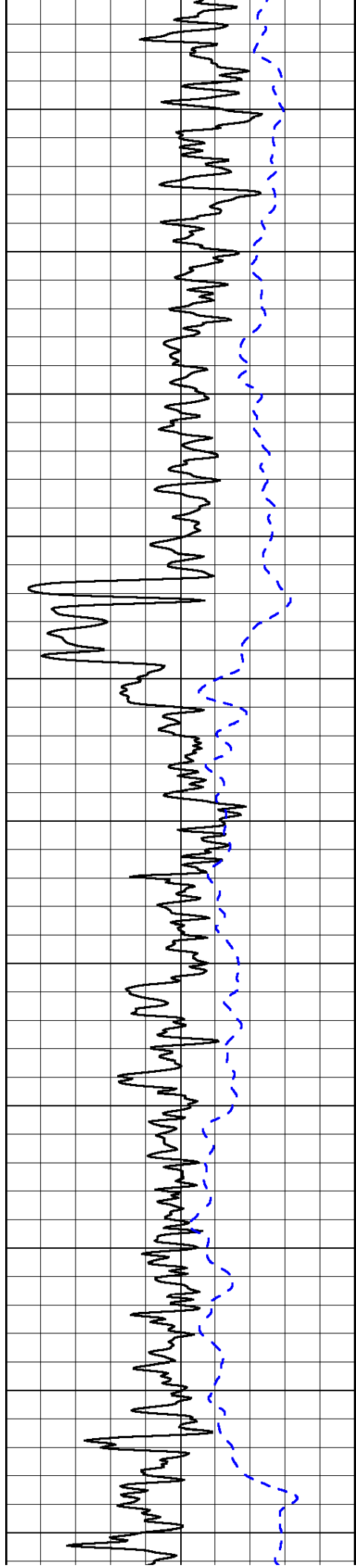


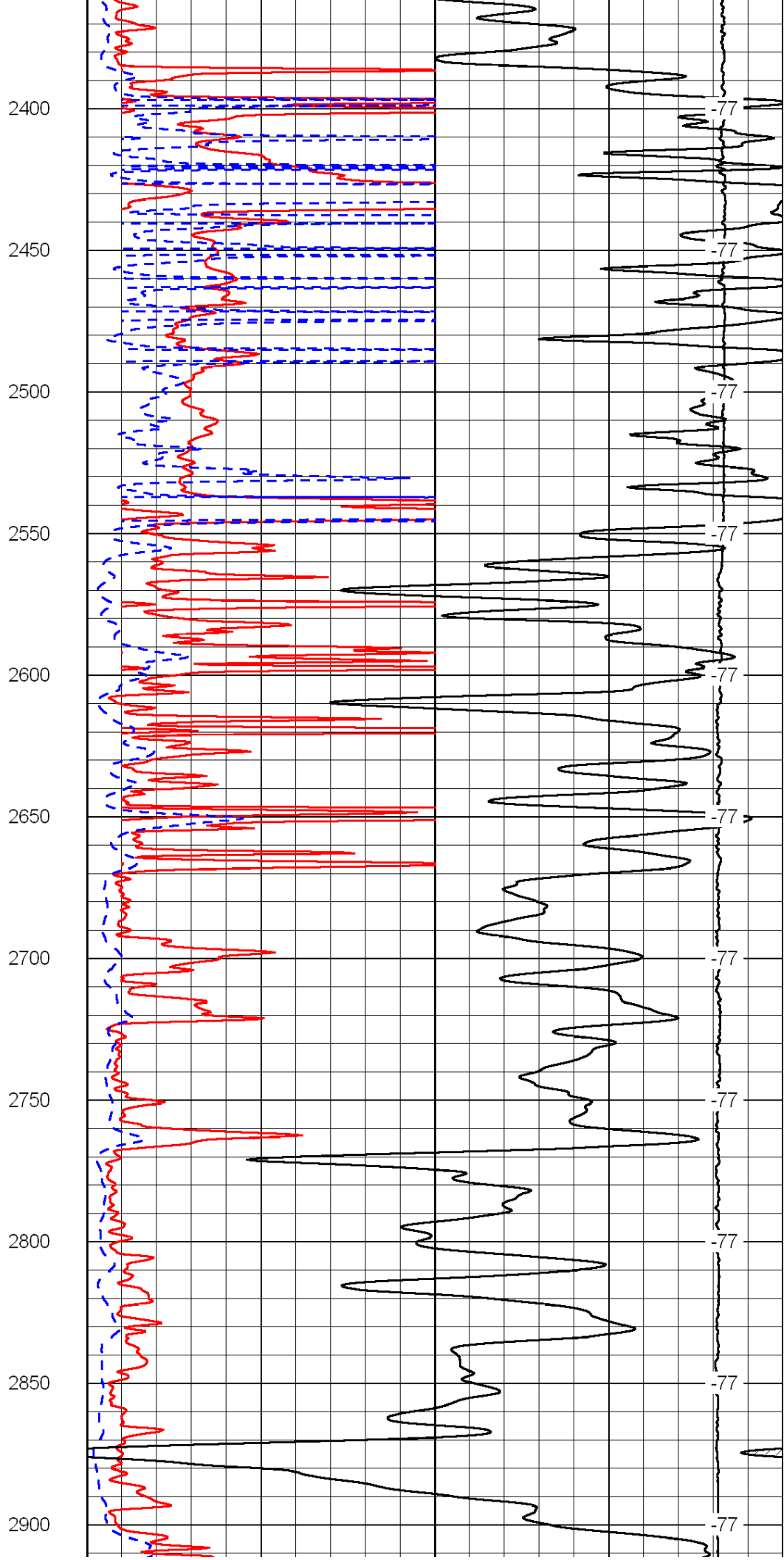
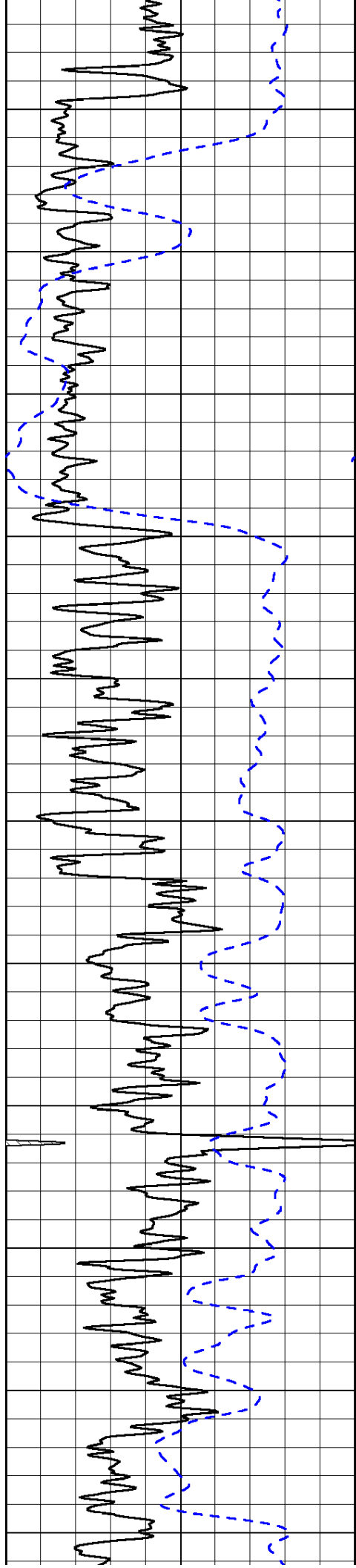
LSPD	0
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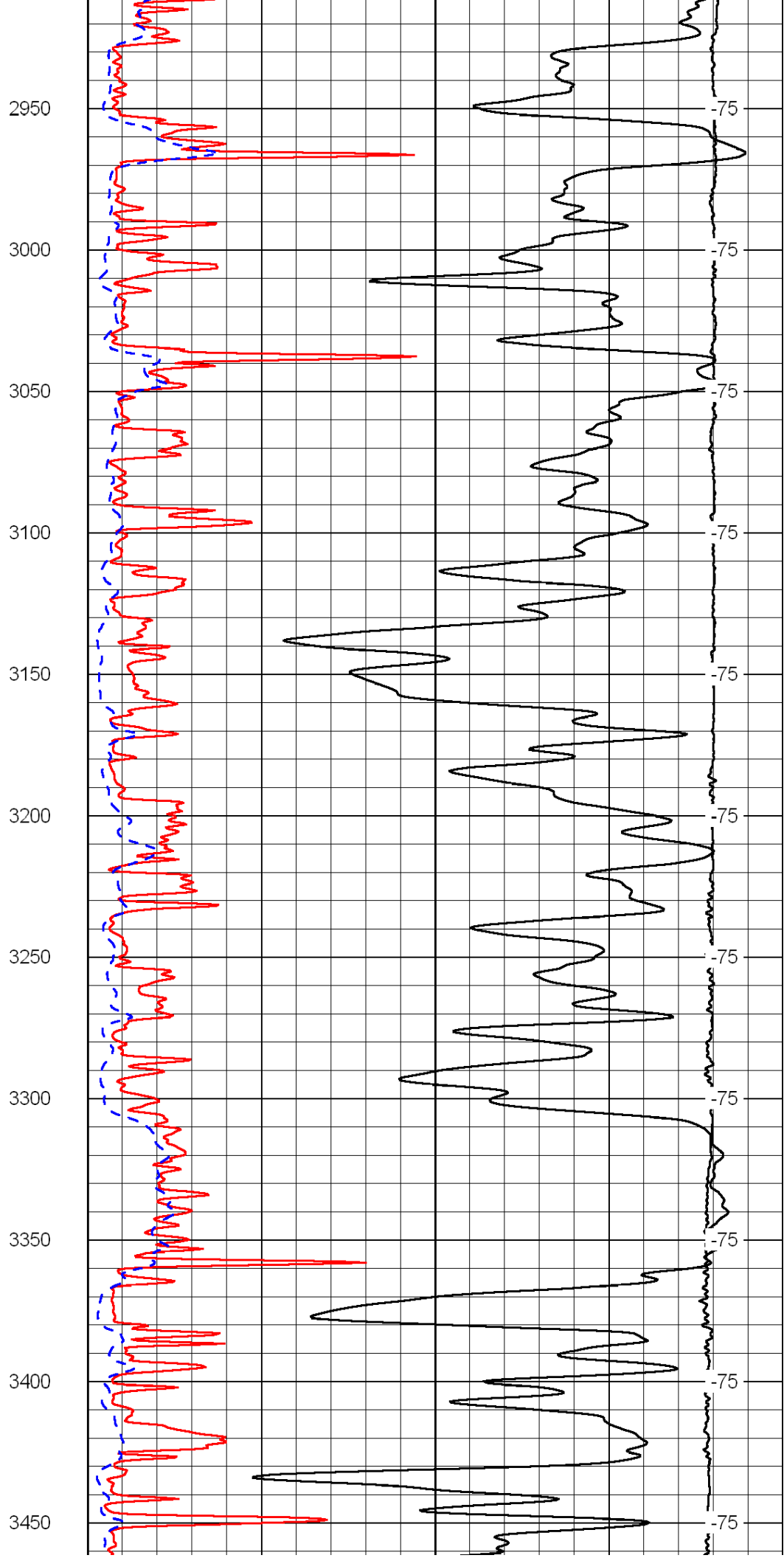
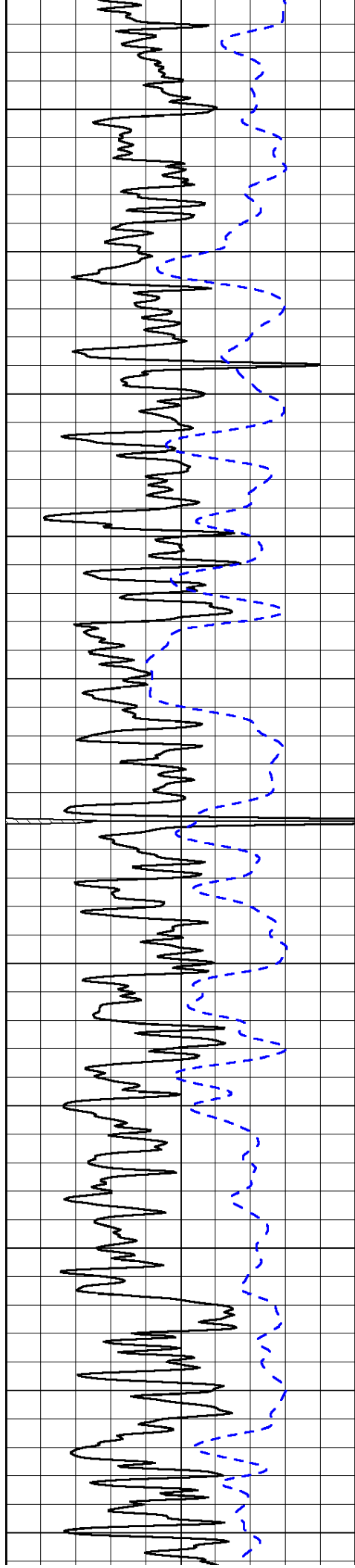


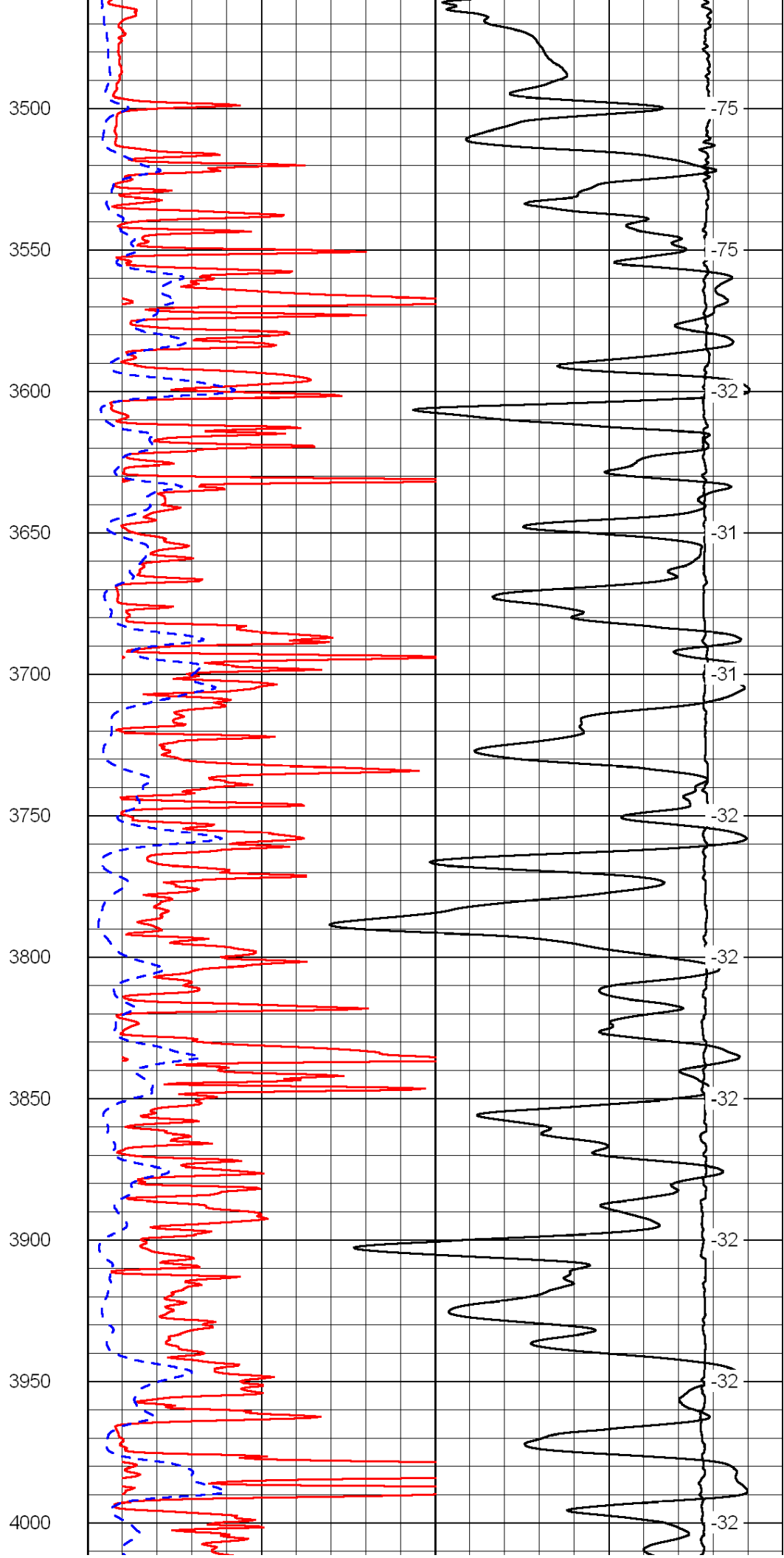
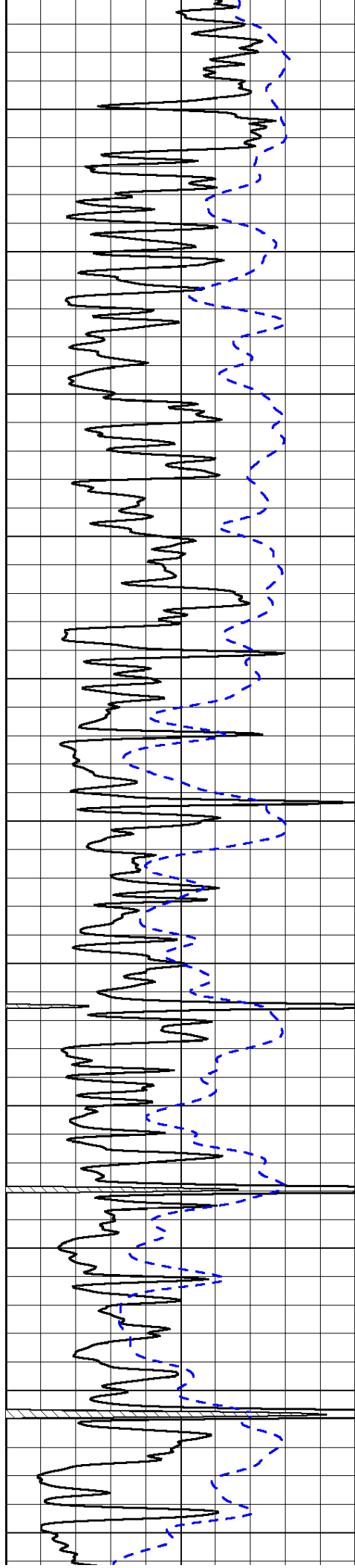


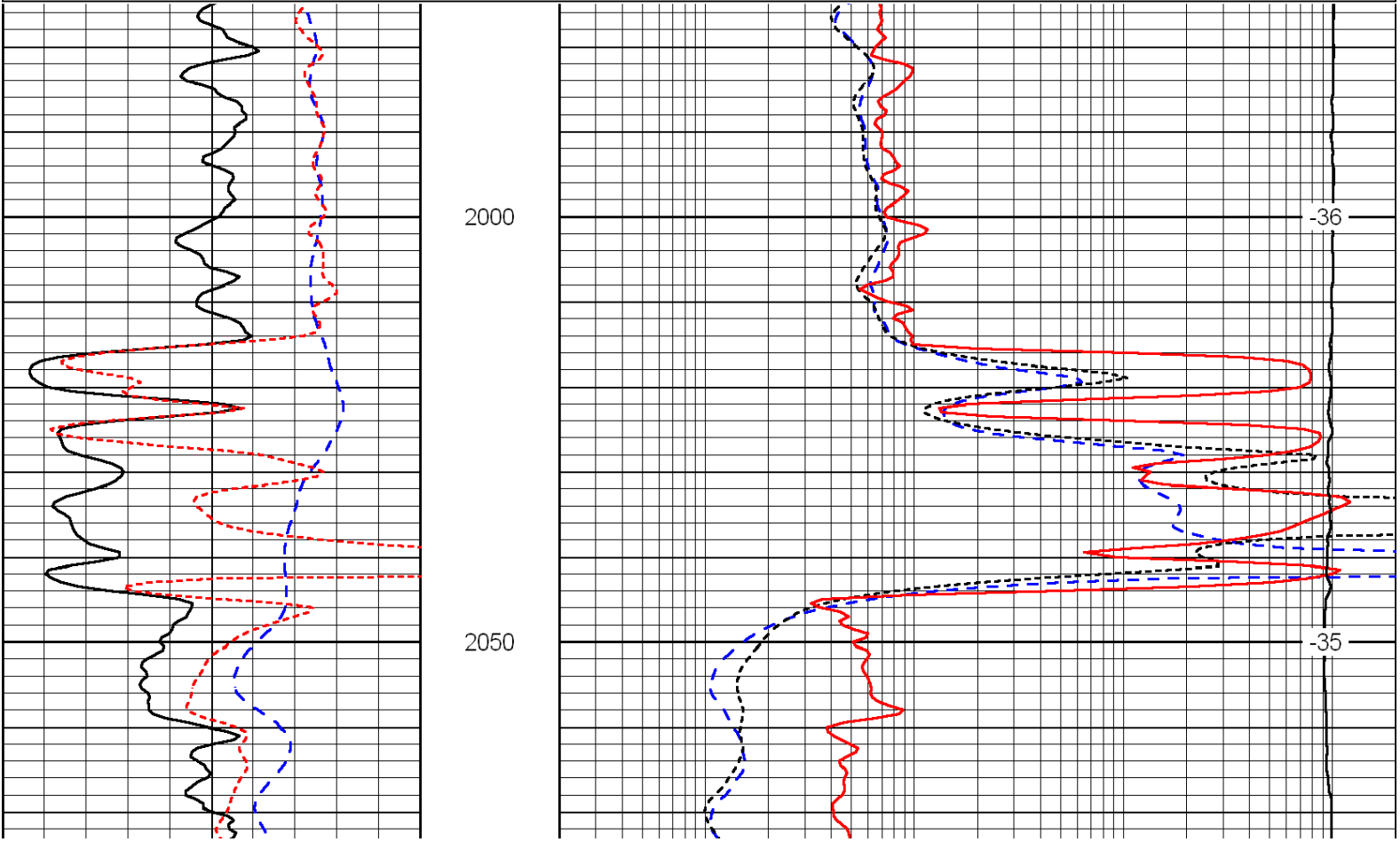
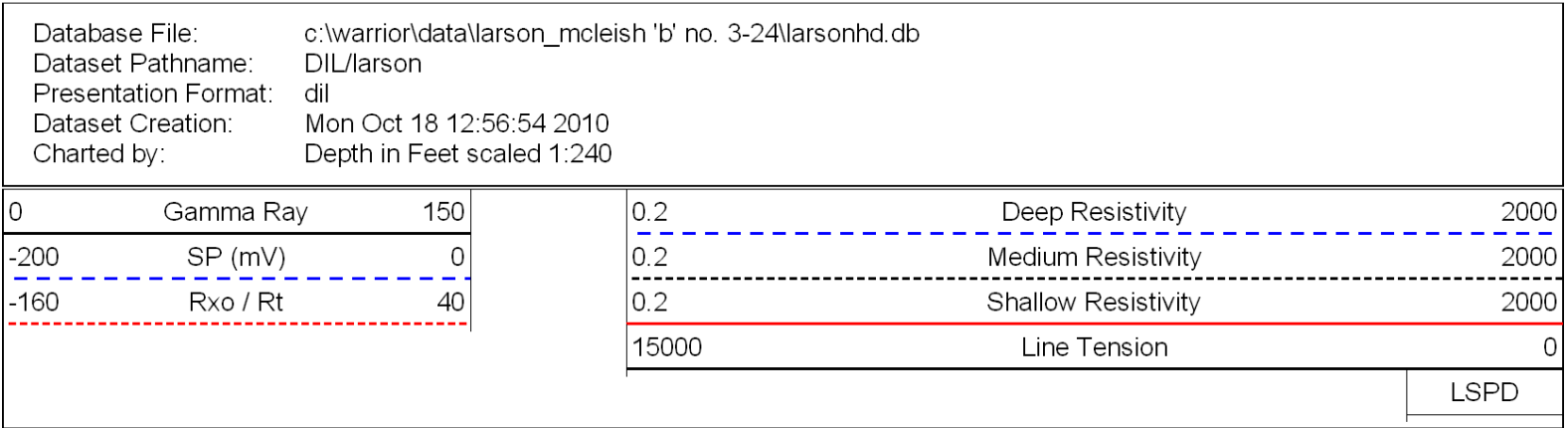
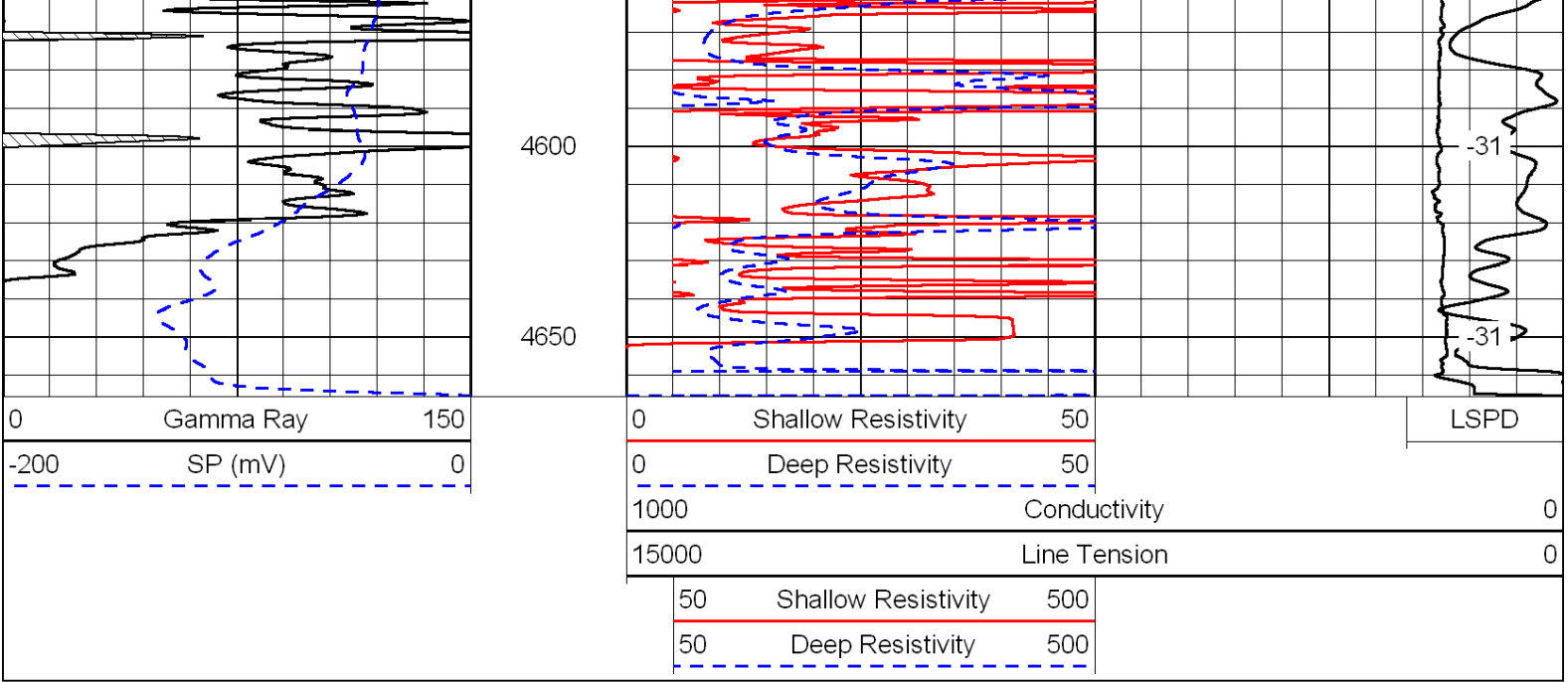












0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

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

Database File:

c:\warrior\data\larson_mcleish 'b' no. 3-24\larsonhd.db

Dataset Pathname:

DIL\larson

Presentation Format:

dil

Dataset Creation:

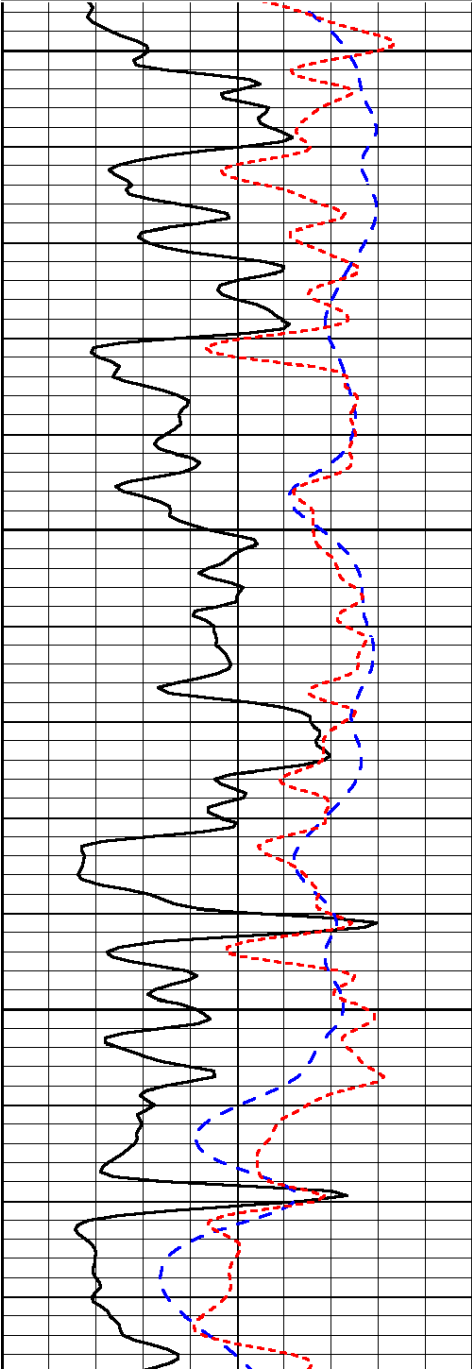
Mon Oct 18 12:56:54 2010

Charted by:

Depth in Feet scaled 1:240

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

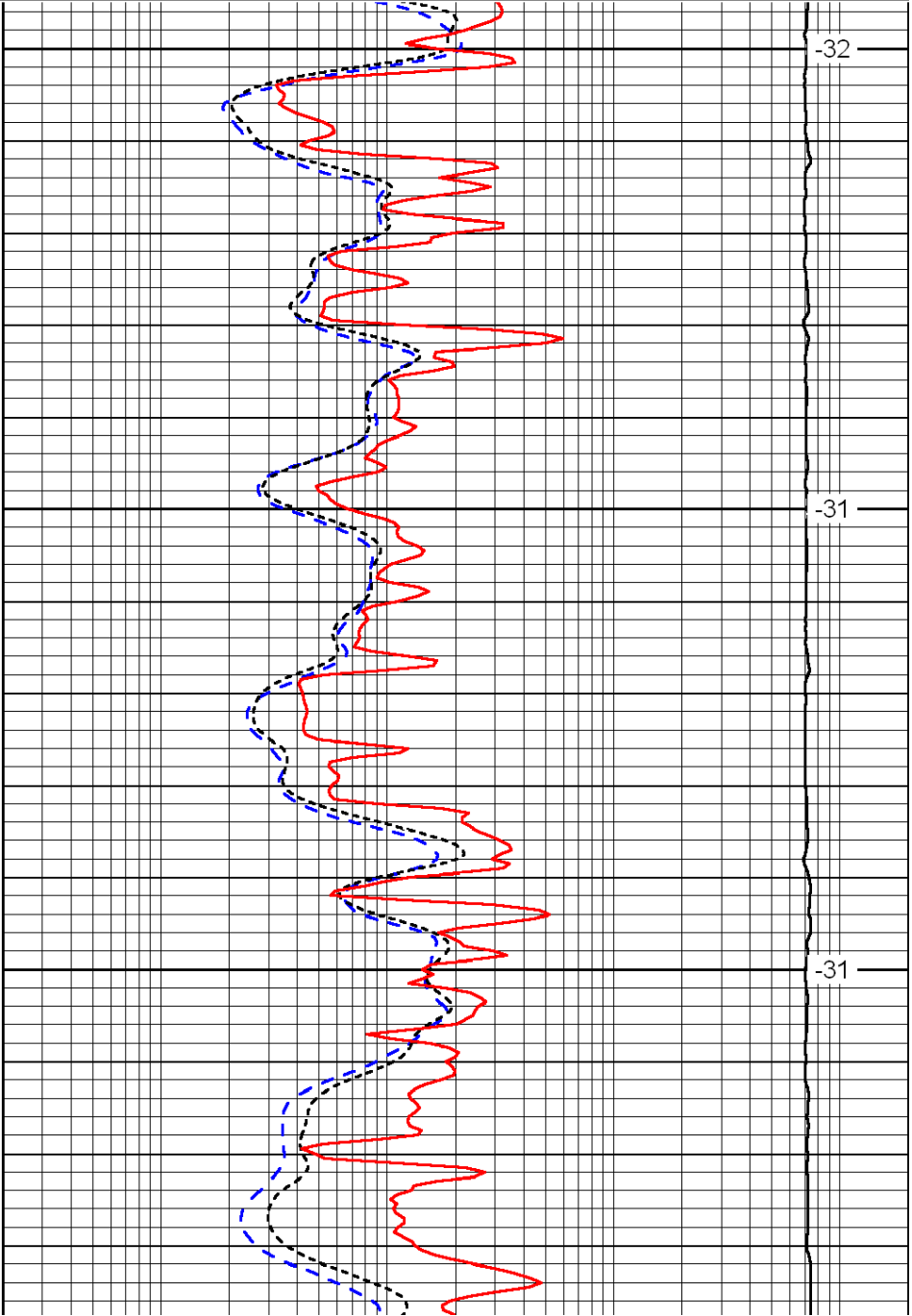
0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0
		LSPD



3600

3650

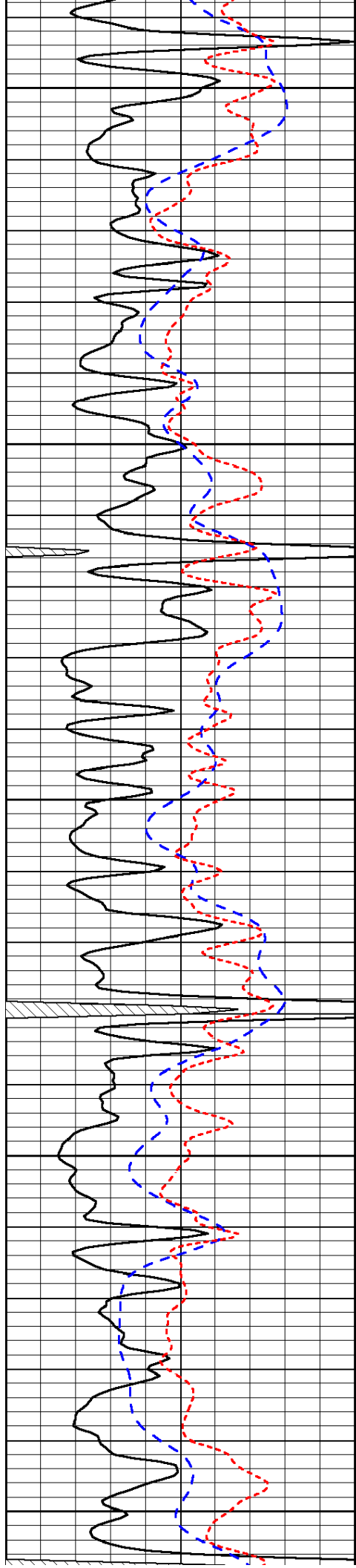
3700



-32

-31

-31



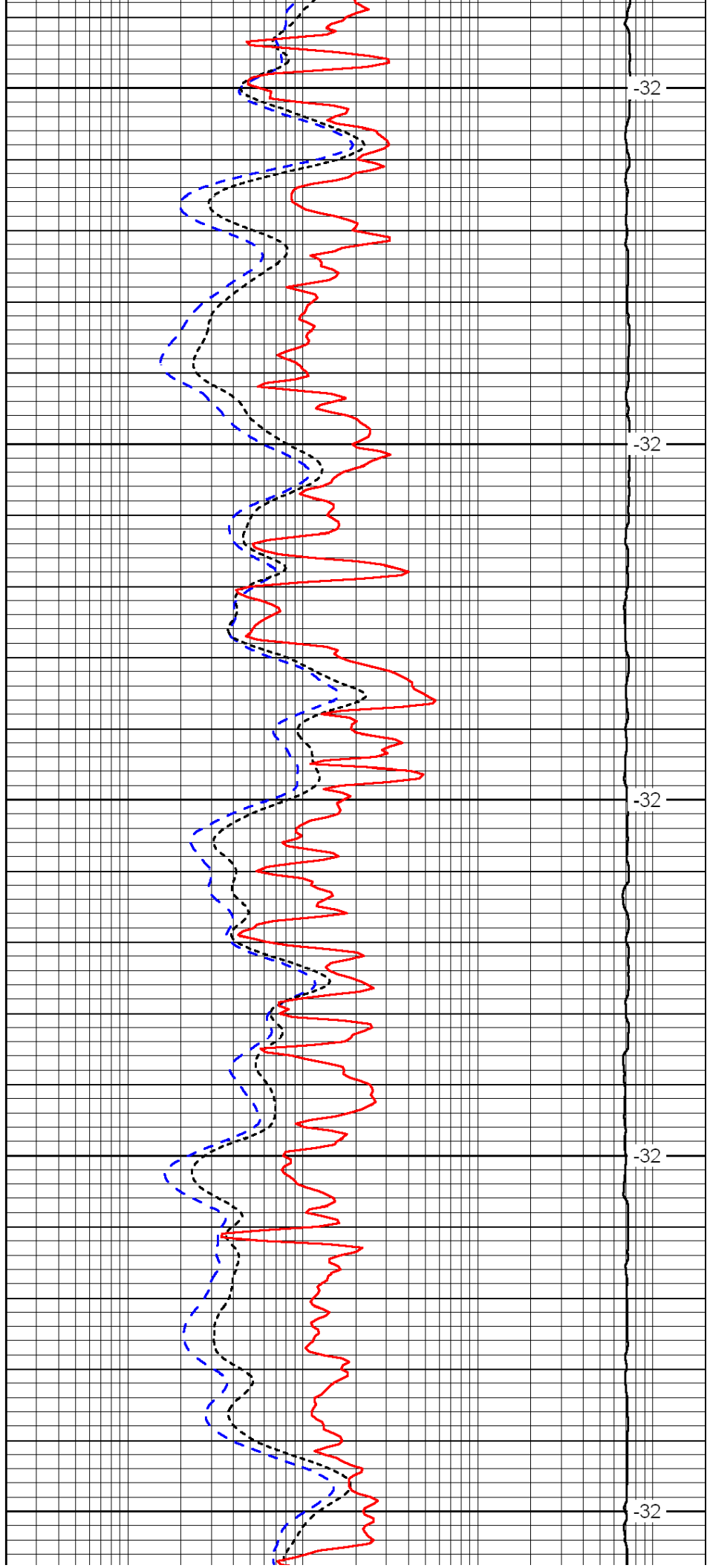
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3800

3850

3900

3950



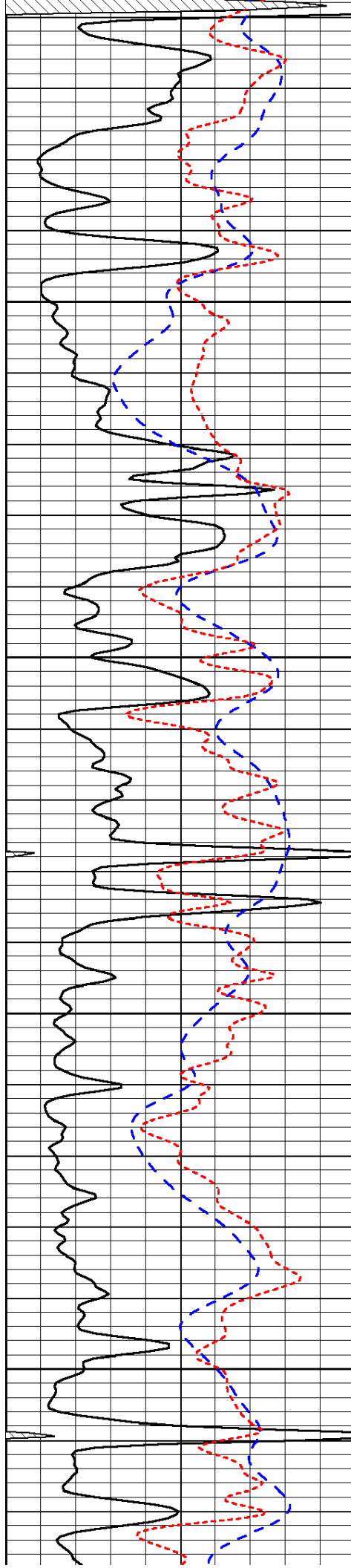
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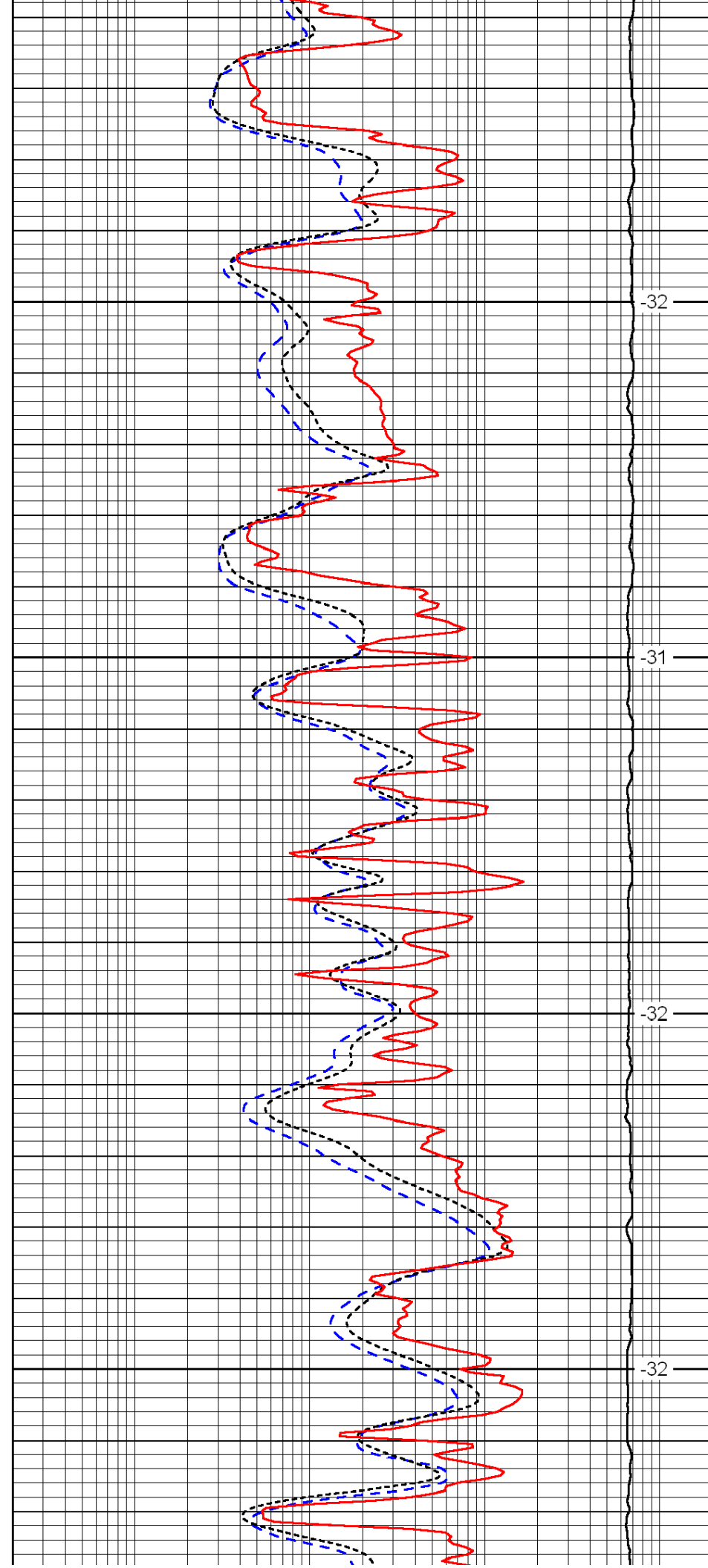


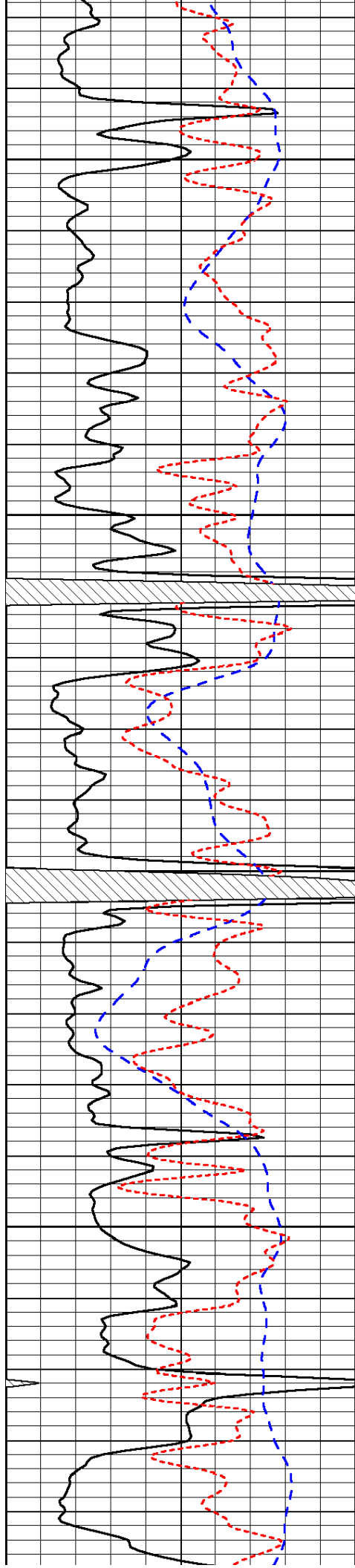
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4050

4100

4150



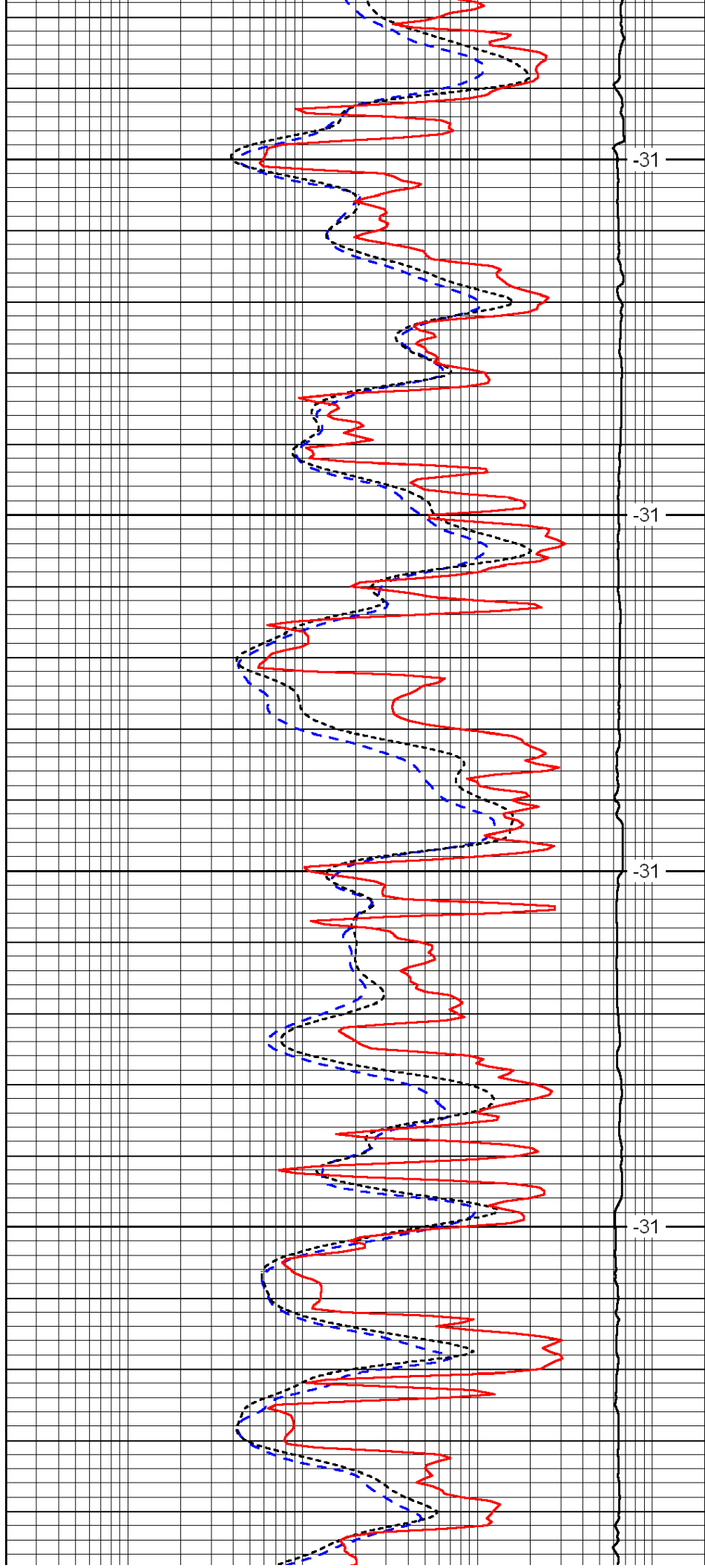


4200

4250

4300

4350

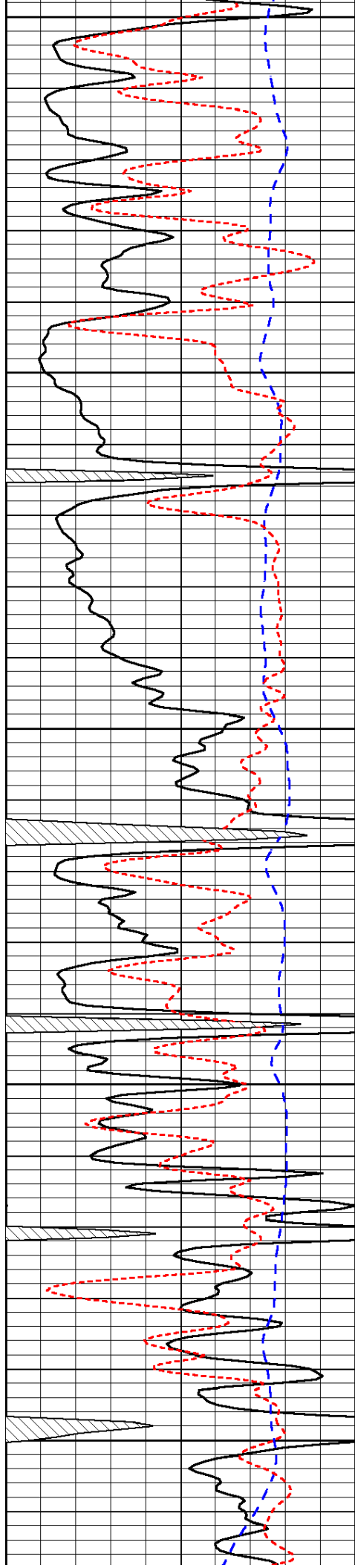


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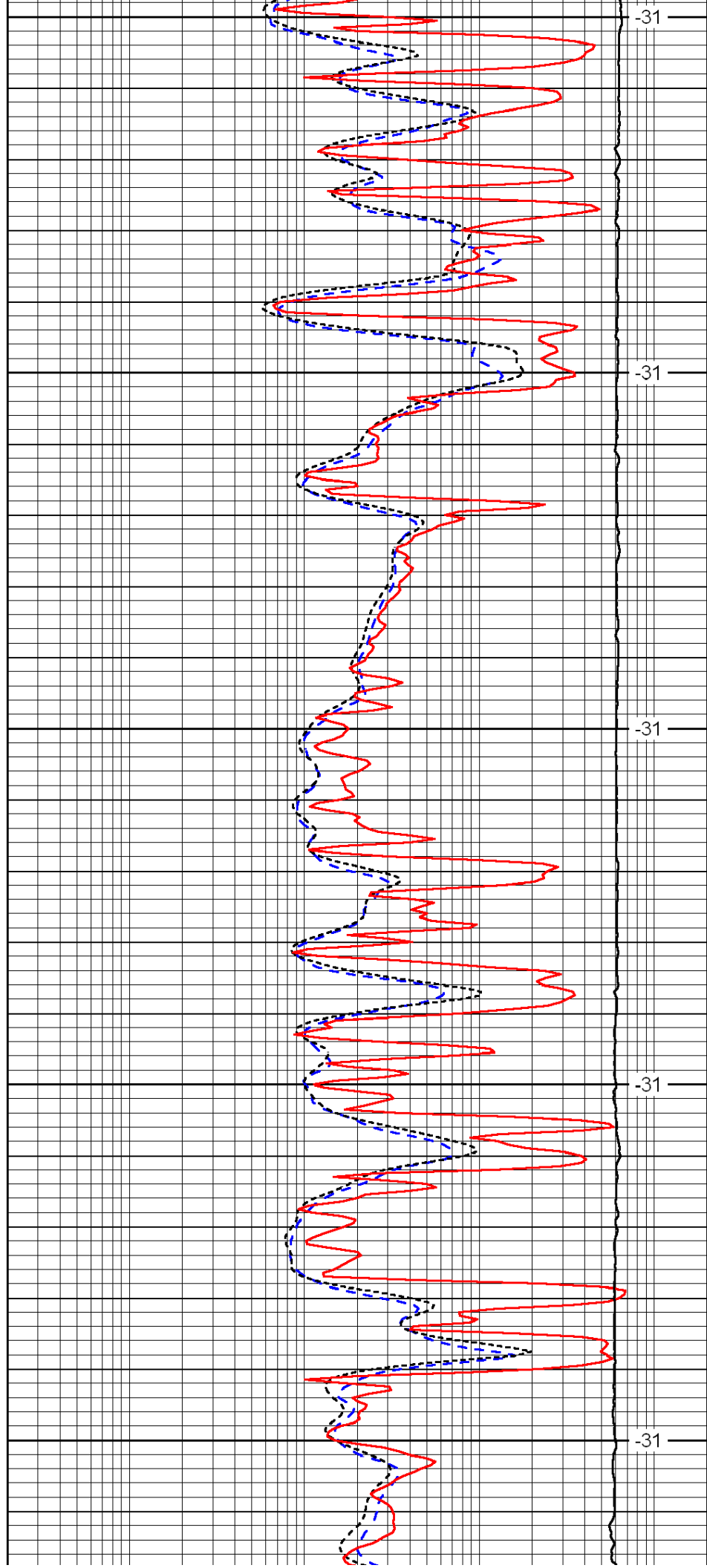
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4450

4500

4550

4600



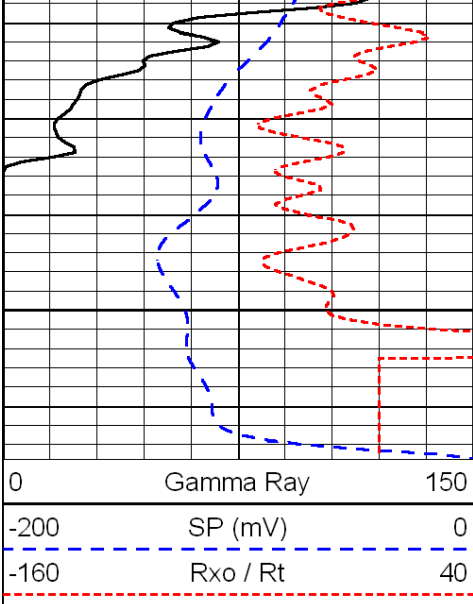
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-31



4650

