



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	15-101-22,304-00-00		
Company	Larson Engineering, Inc.		
Well	Whiting-Dutoit No.1-29		
Field	Wildcat		
County	Lane	State	Kansas
Location	S2 SW SW SW 67' FSL & 330' FWL		Other Services CNL/CDL MEL
Sec: 29	Twp: 19S	Rge: 29W	Elevation K.B. 2898 D.F. 2891 G.L. 2891
Permanent Datum	Ground Level	Elevation 2891	
Log Measured From	Kelly Bushing	7 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Date	8/27/2011		
Run Number	One		
Depth Driller	4650		
Depth Logger	4648		
Bottom Logged Interval	4647		
Top Log Interval	250		
Casing Driller	8.625 @ 260		
Casing Logger	262		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity,ppm CL	2,300		
Density / Viscosity	9.3 51		
pH / Fluid Loss	10.5 7.6		
Source of Sample	Flowline		
Rm @ Meas. Temp	.9 @ 75		
Rmf @ Meas. Temp	.68 @ 75		
Rmc @ Meas. Temp	1.22 @ 75		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.55 @ 123		
Operating Rig Time	3 1/2 Hours		
Max Rec. Temp. F	123		
Equipment Number	17		
Location	Hays		
Recorded By	C. Desai		
Witnessed By	Vern Schrag		

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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.

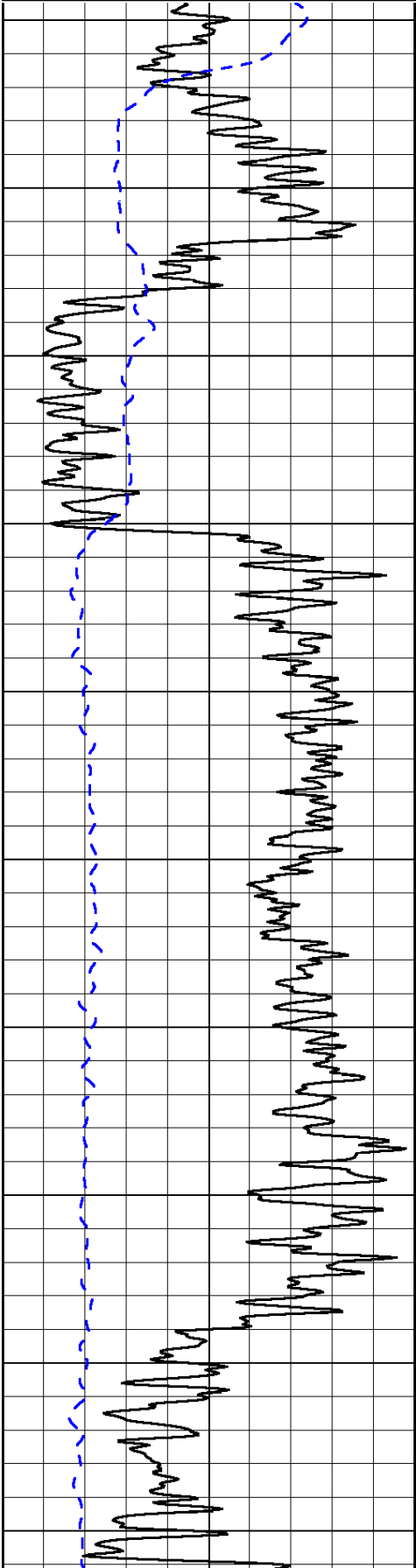
Comments

Thank you for using Log-Tech, Inc.
(785) 625-3858
Dighton KS,
W to Bison Rd,
3 S to 130 Rd,
3/4 W, N Into

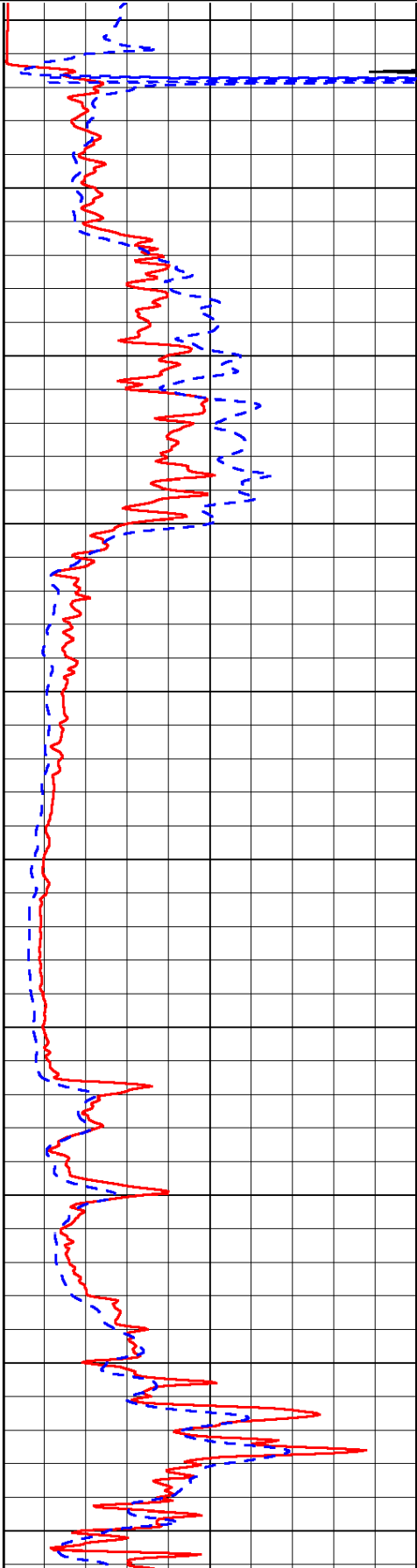
Database File: c:\warrior\data\larson_whiting-dutoit no.1-29\larsonhd.db
Dataset Pathname: dil\larstk
Presentation Format: dil2in
Dataset Creation: Sat Aug 27 23:51:34 2011
Charted by: Depth in Feet scaled 1:600

Charted by: Depth in Feet scaled 1:500

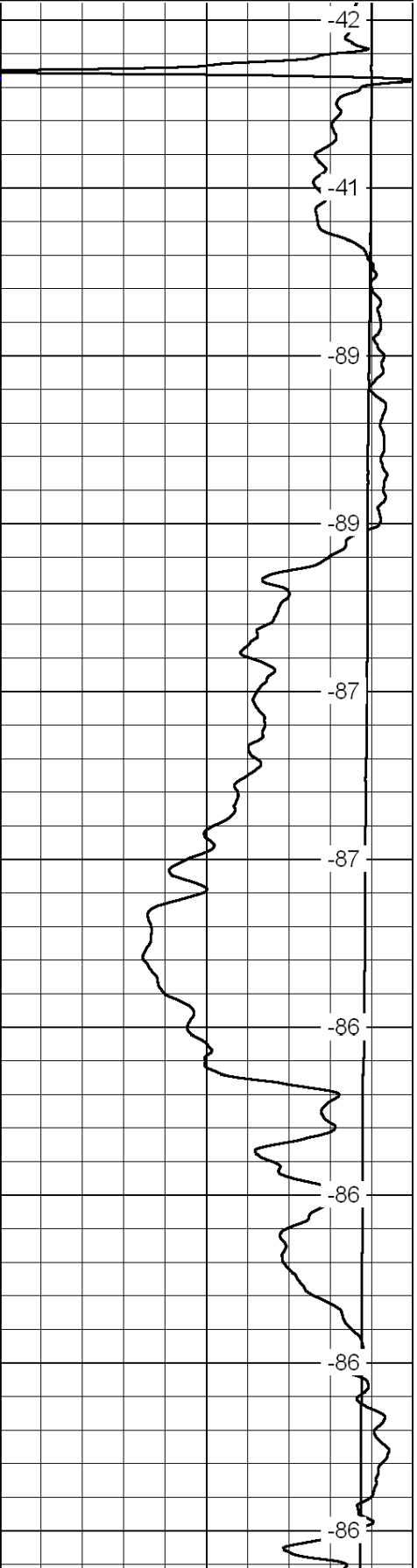
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-200	SP (mV)	0

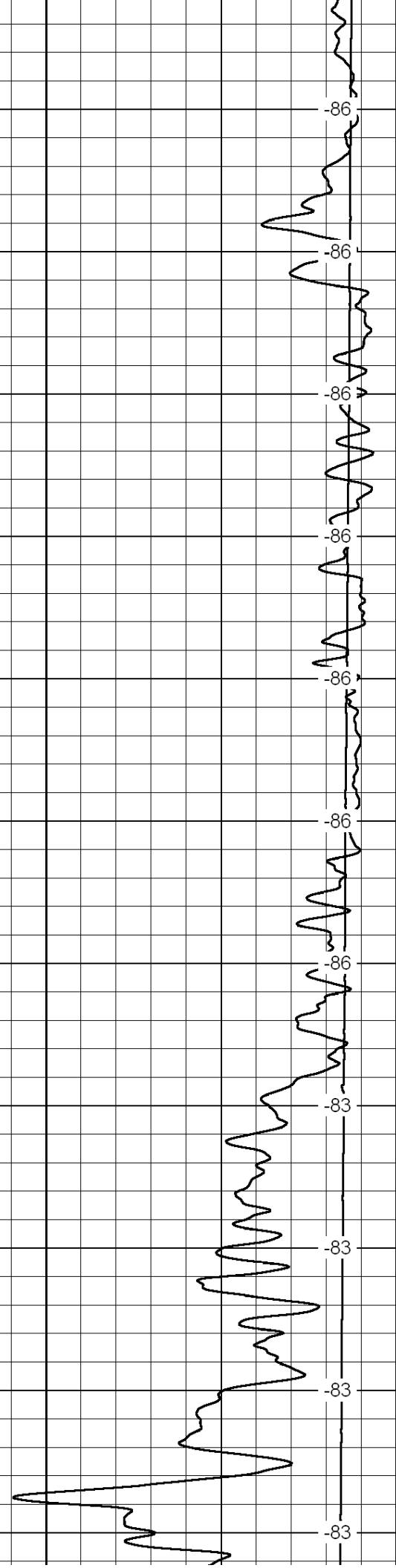
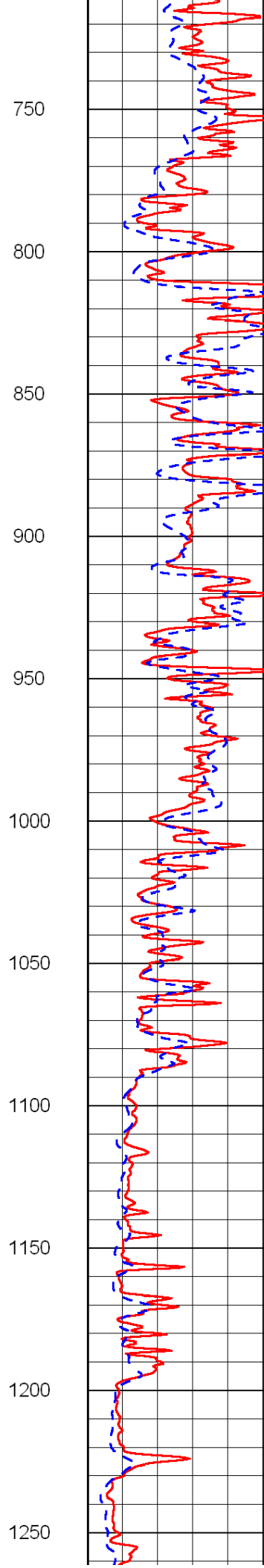
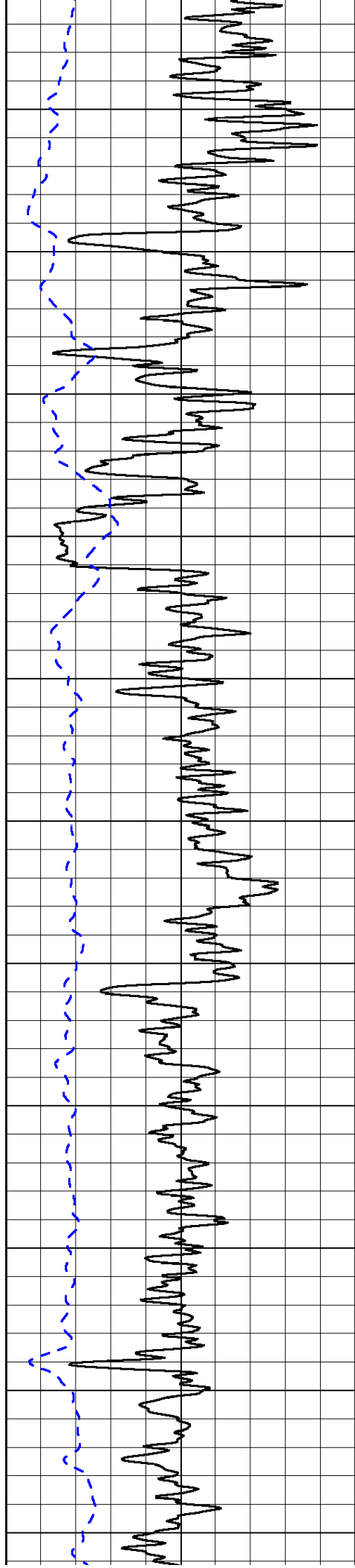


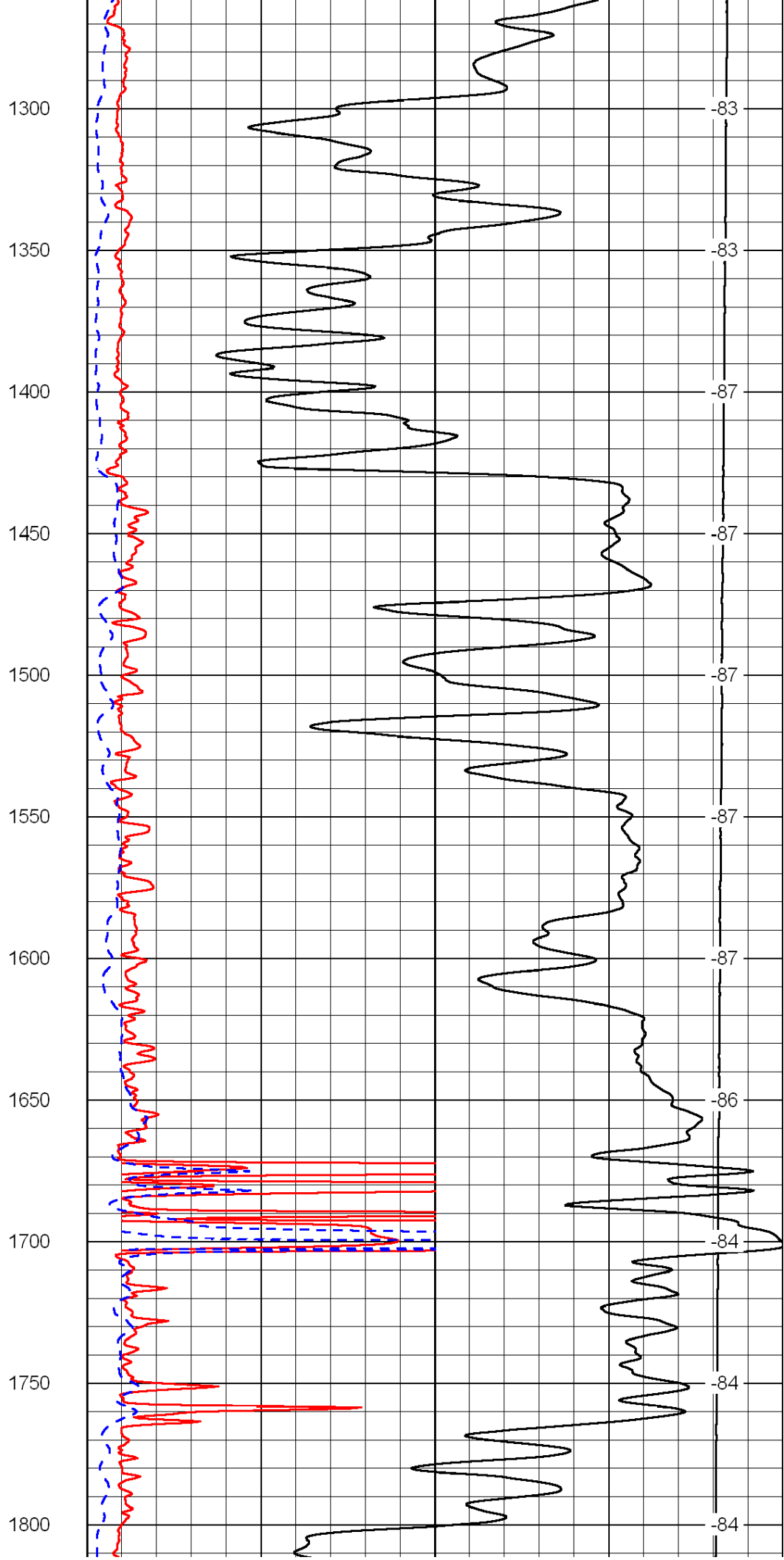
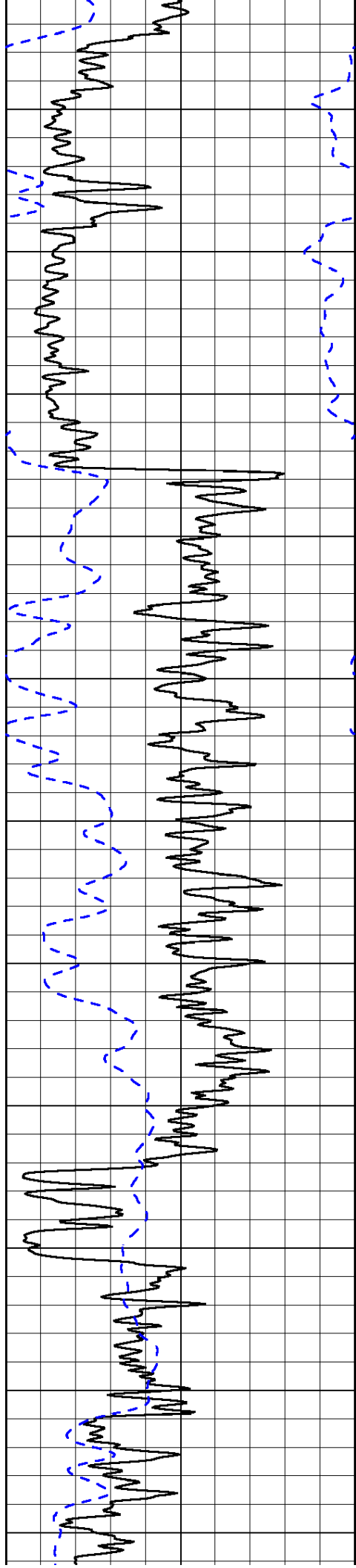
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

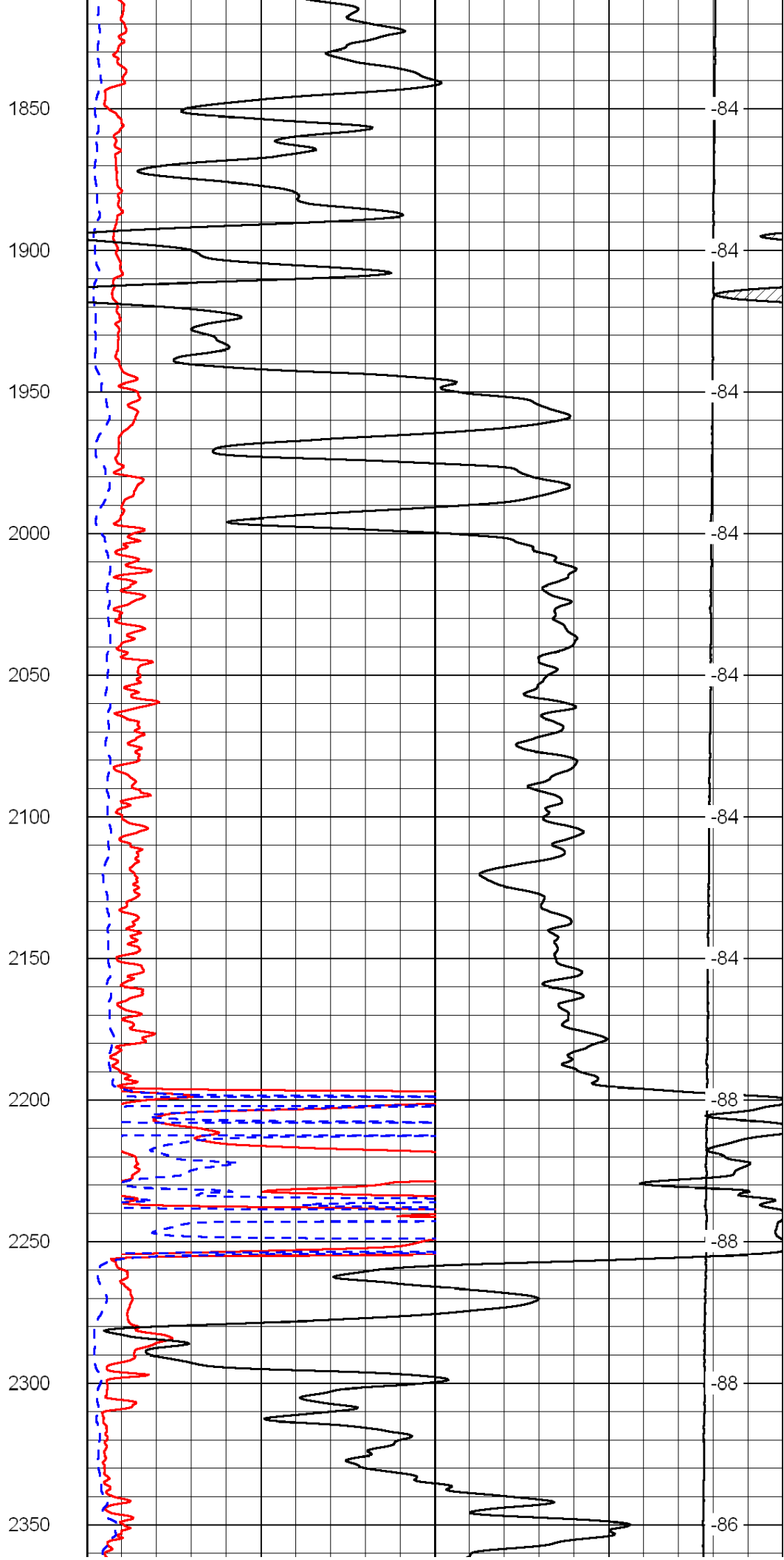
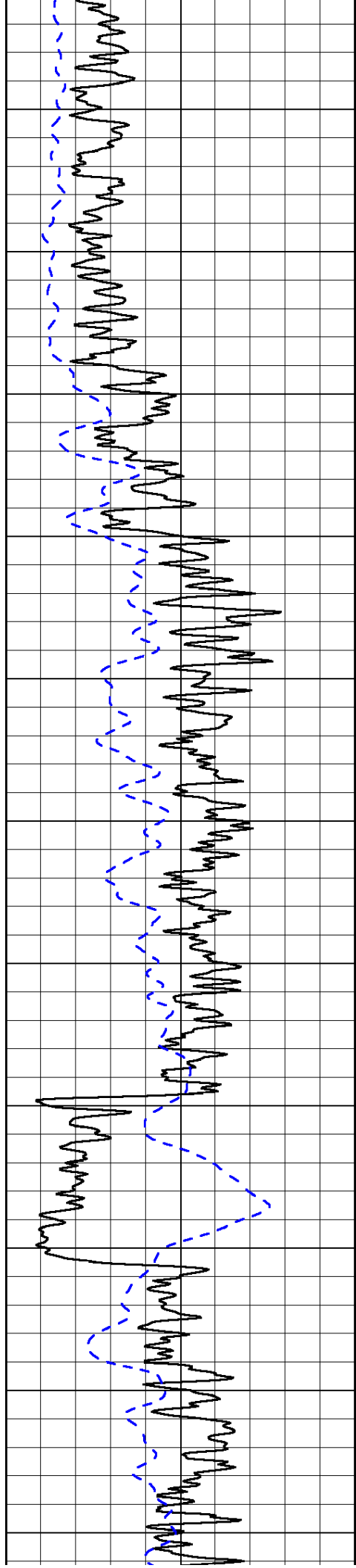


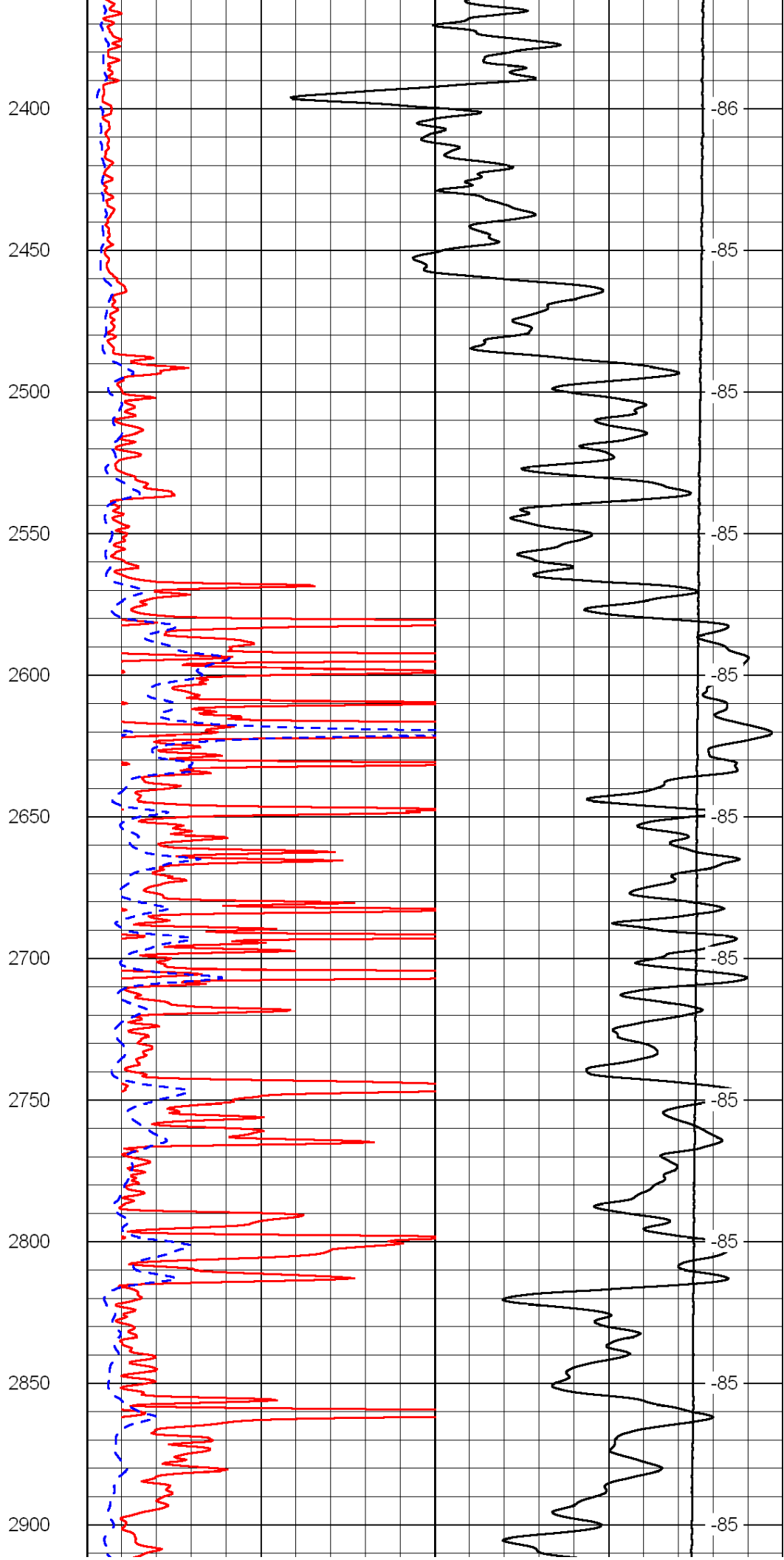
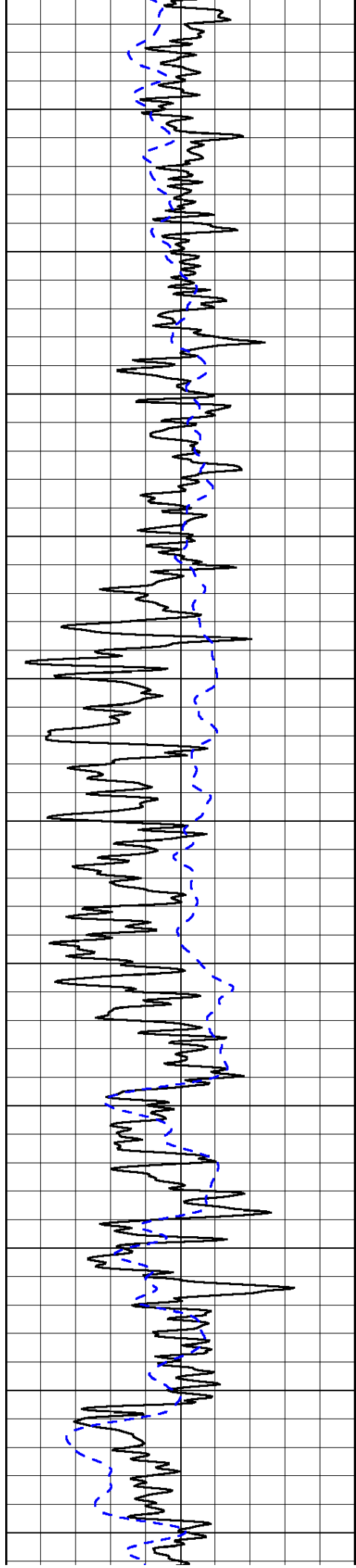
LSPD	0
Conductivity	0
Line Tension	0

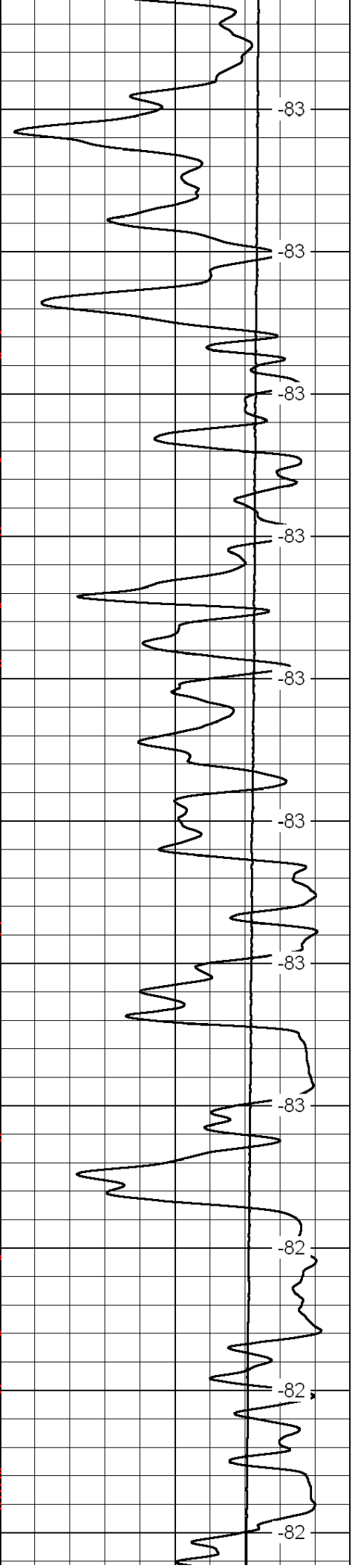
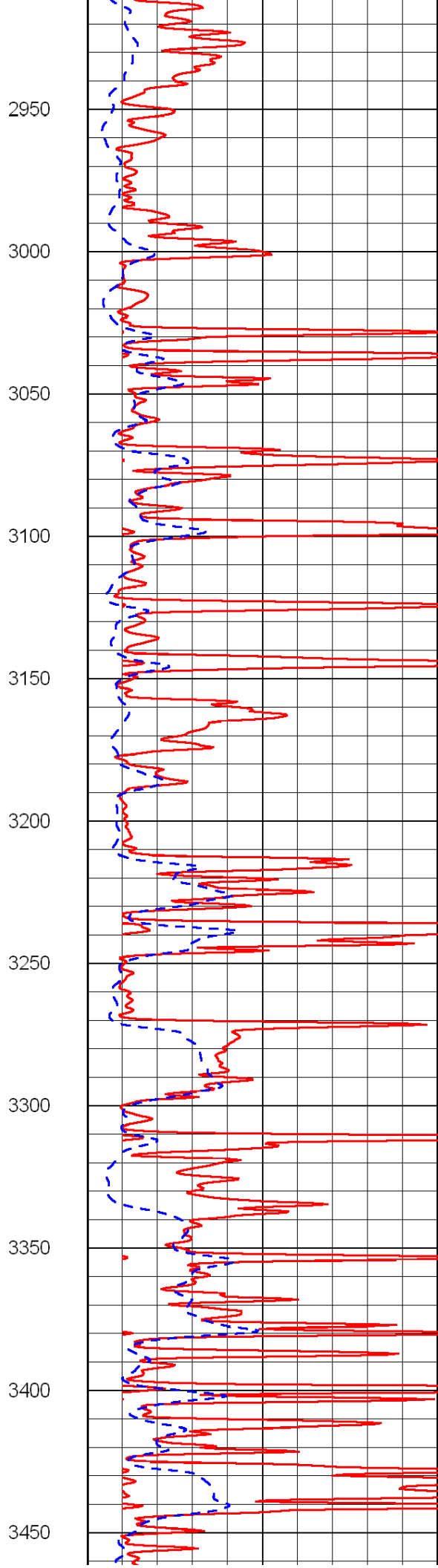
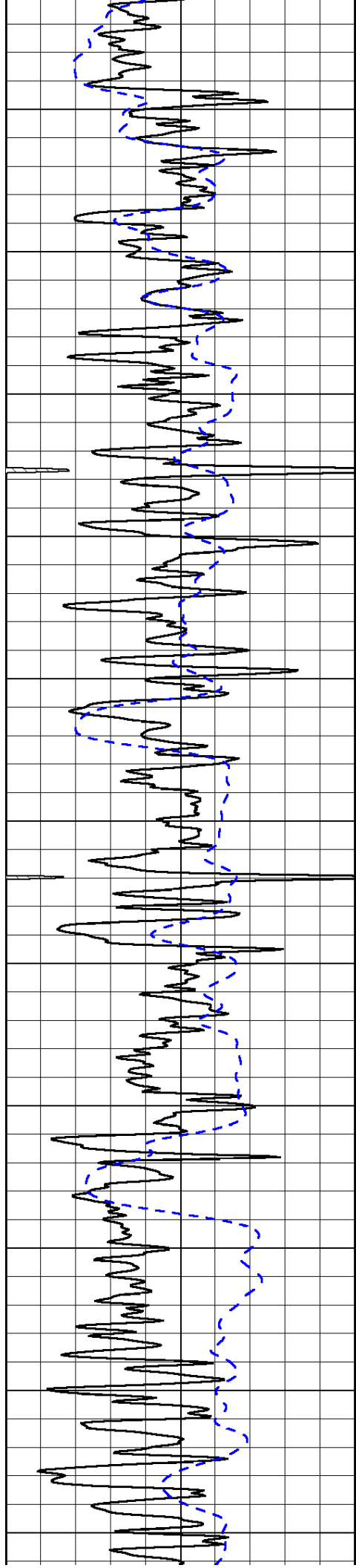


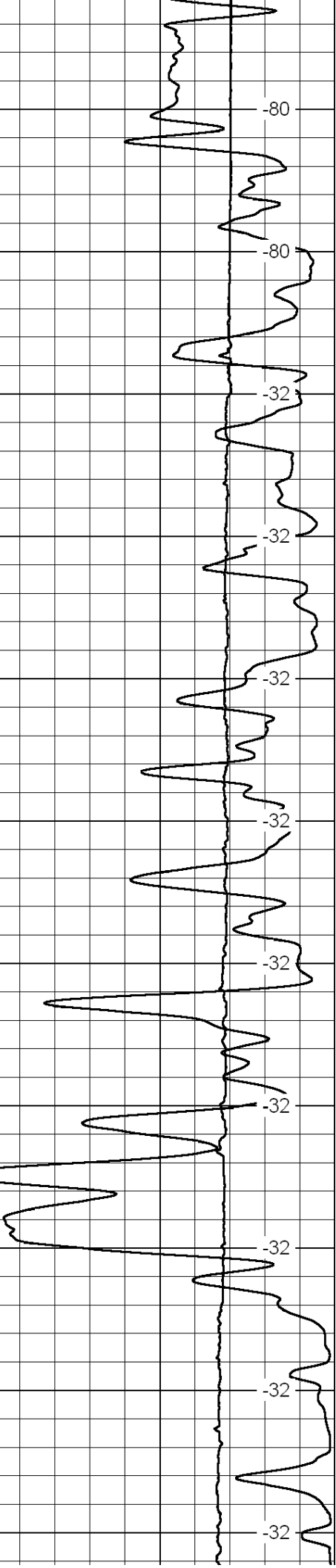
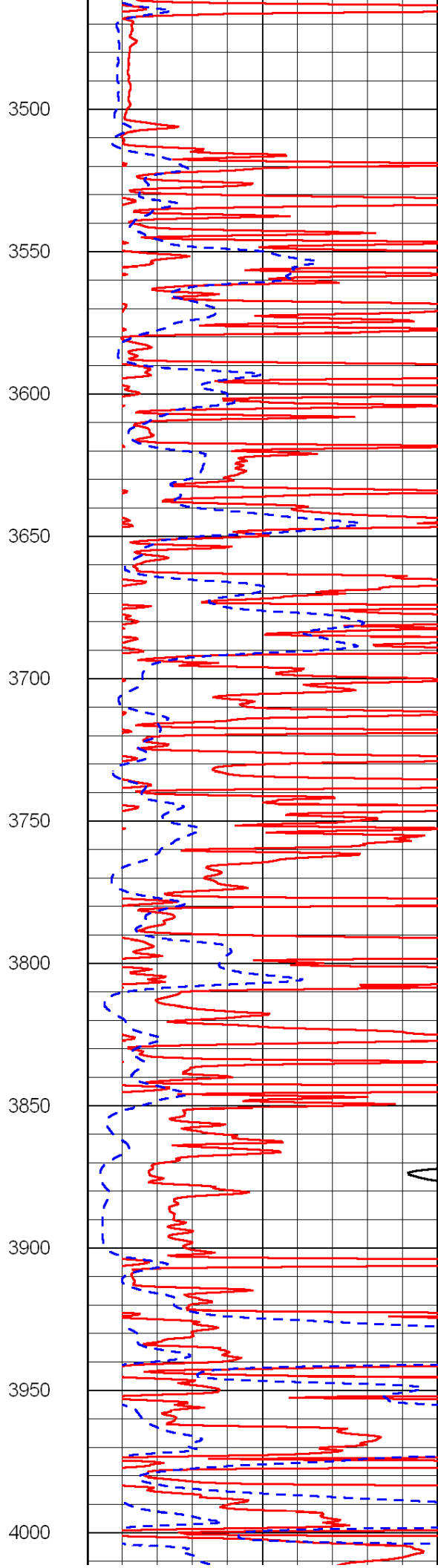
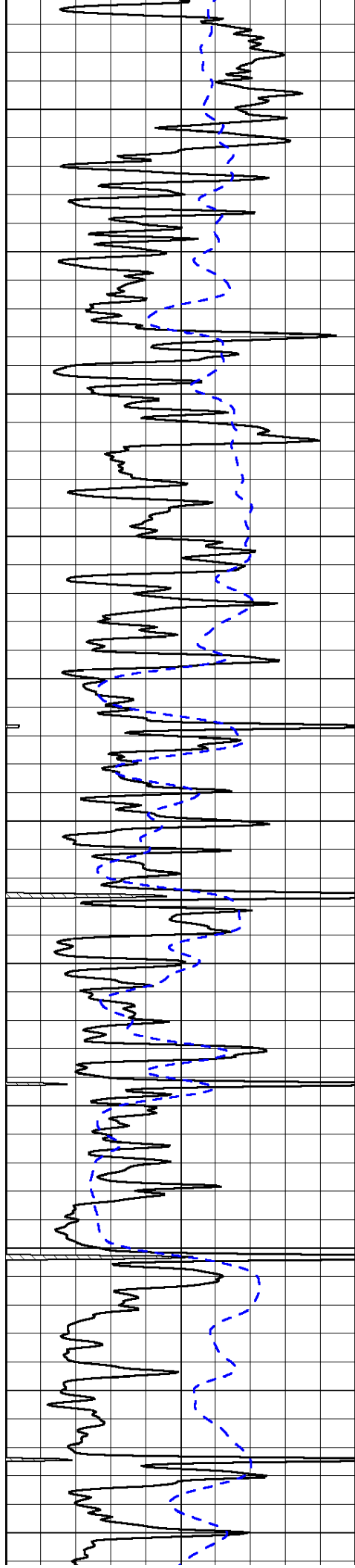


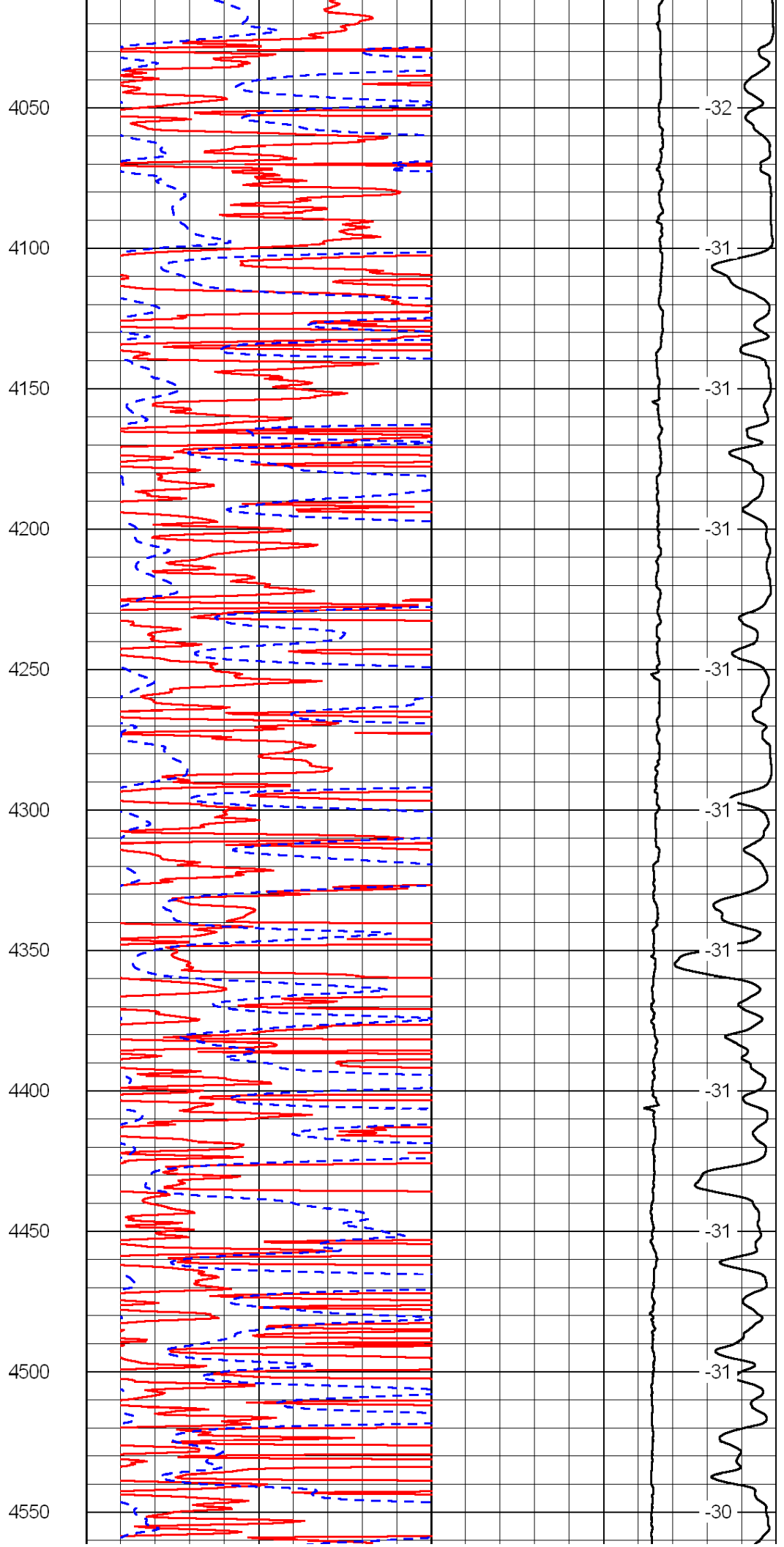
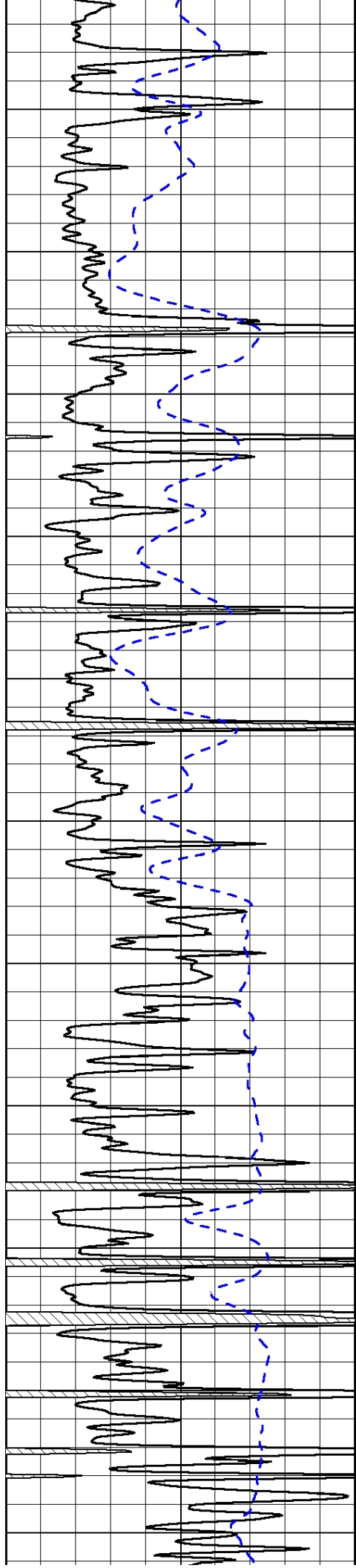


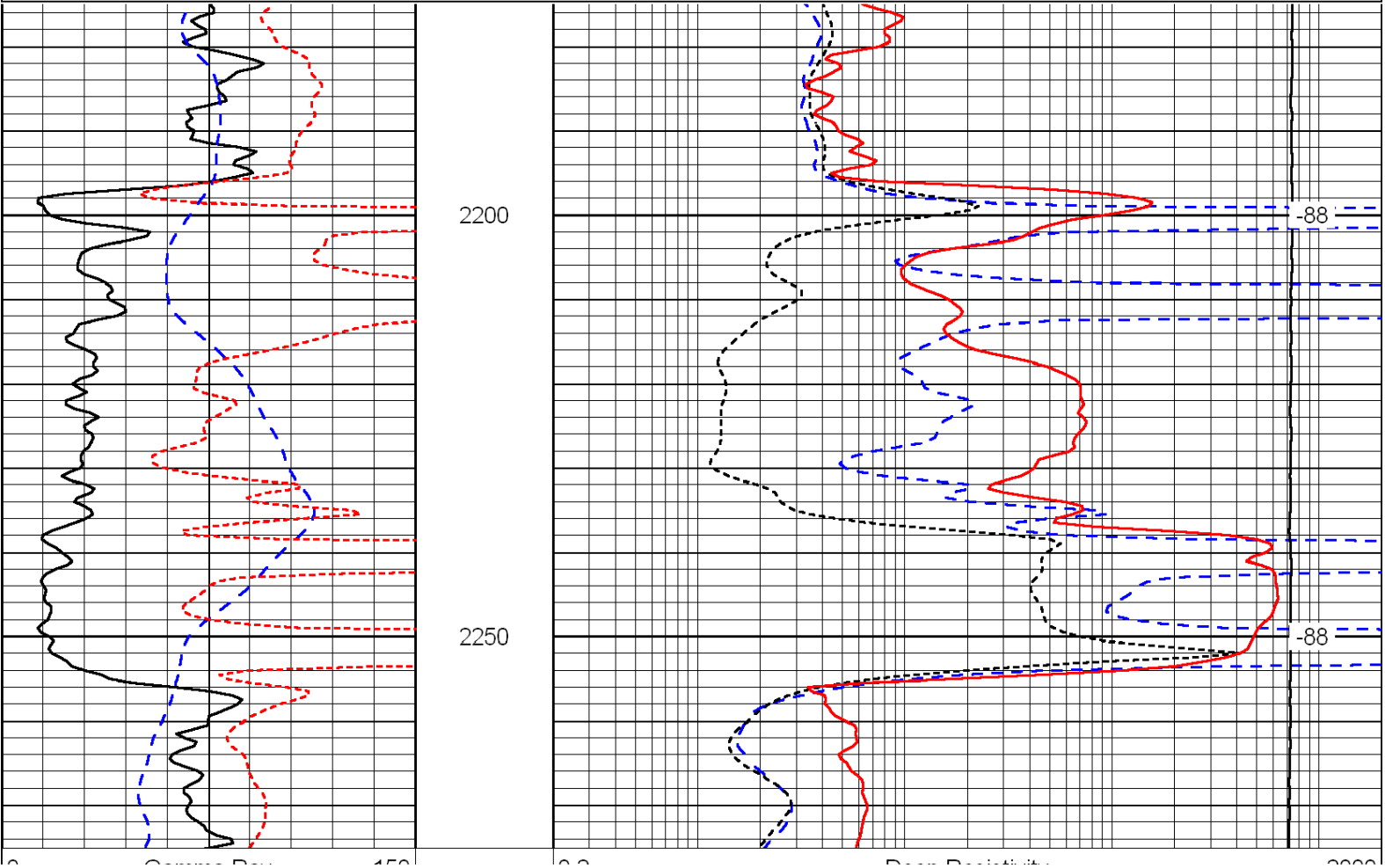
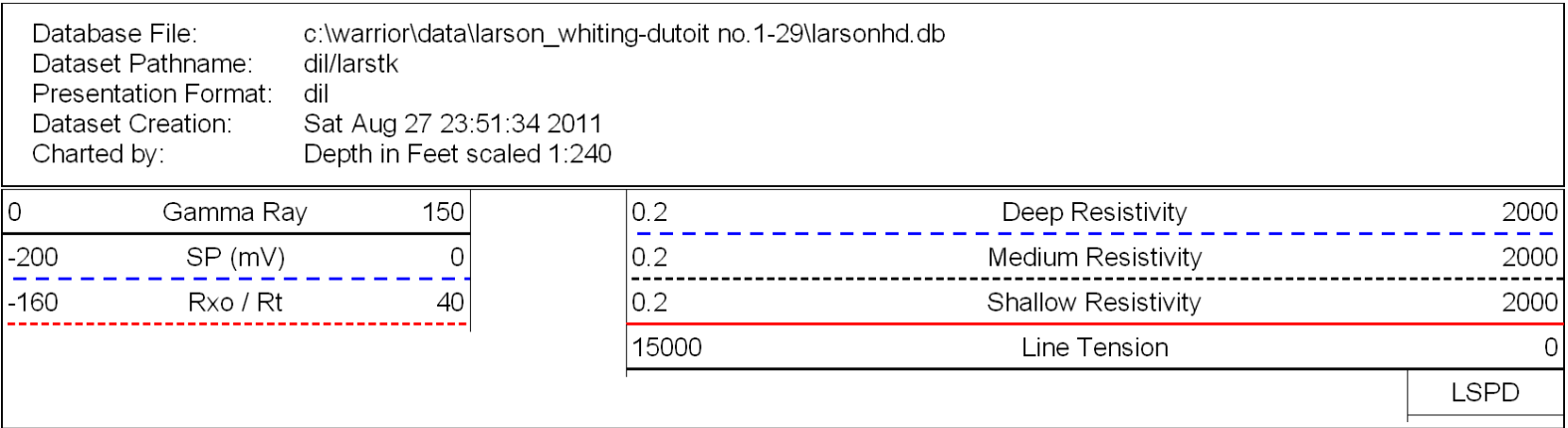
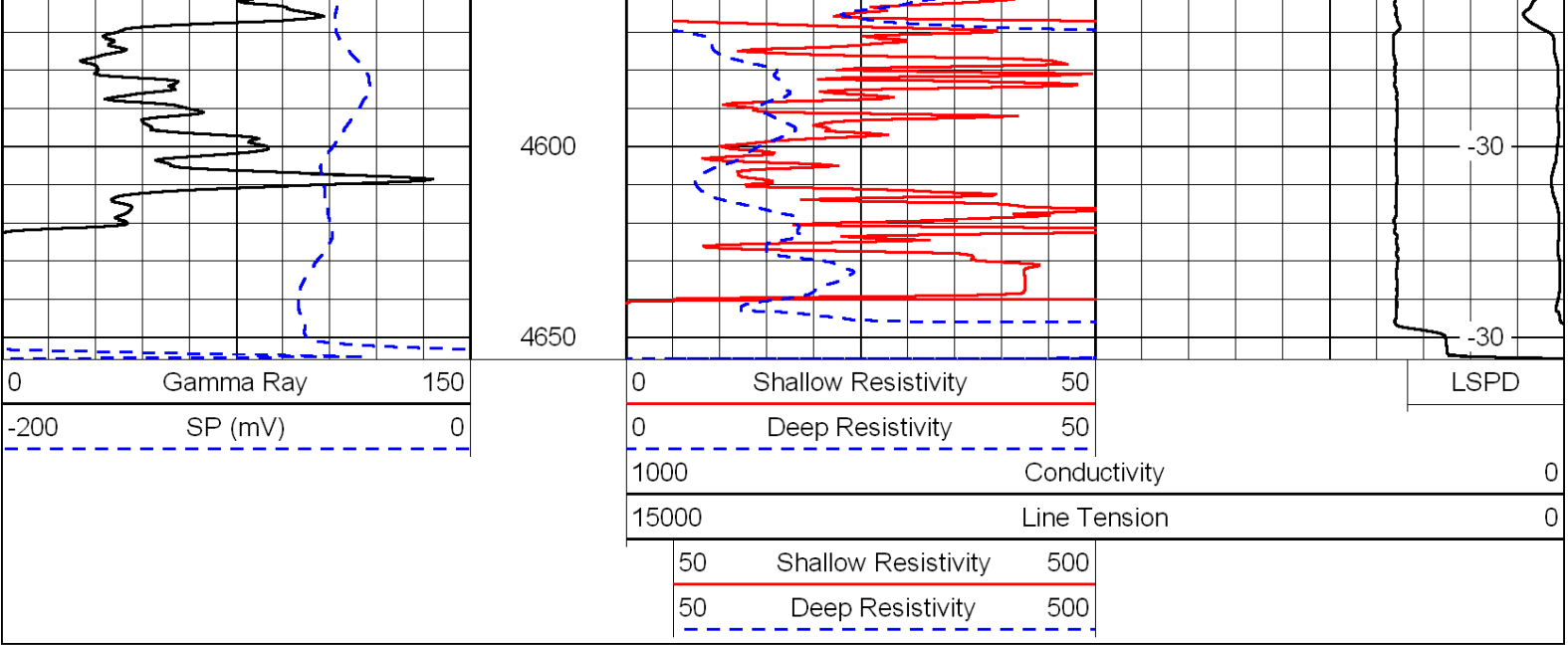












	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

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_whiting-dutoit no.1-29\larsonhd.db

Dataset Pathname:

dil\larstk

Presentation Format:

dil

Dataset Creation:

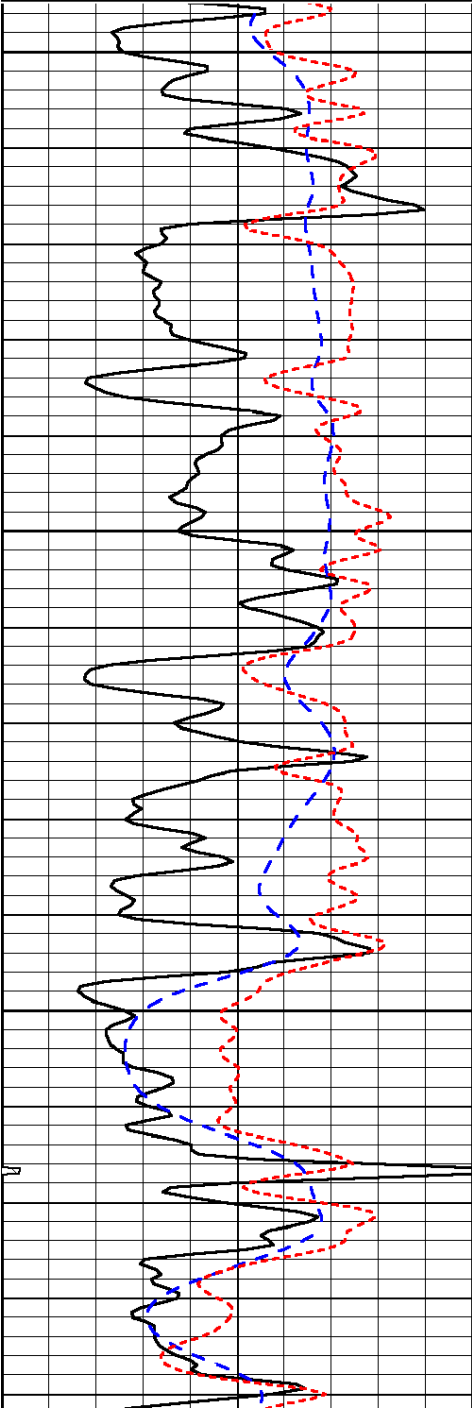
Sat Aug 27 23:51:34 2011

Charted by:

Depth in Feet scaled 1:240

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

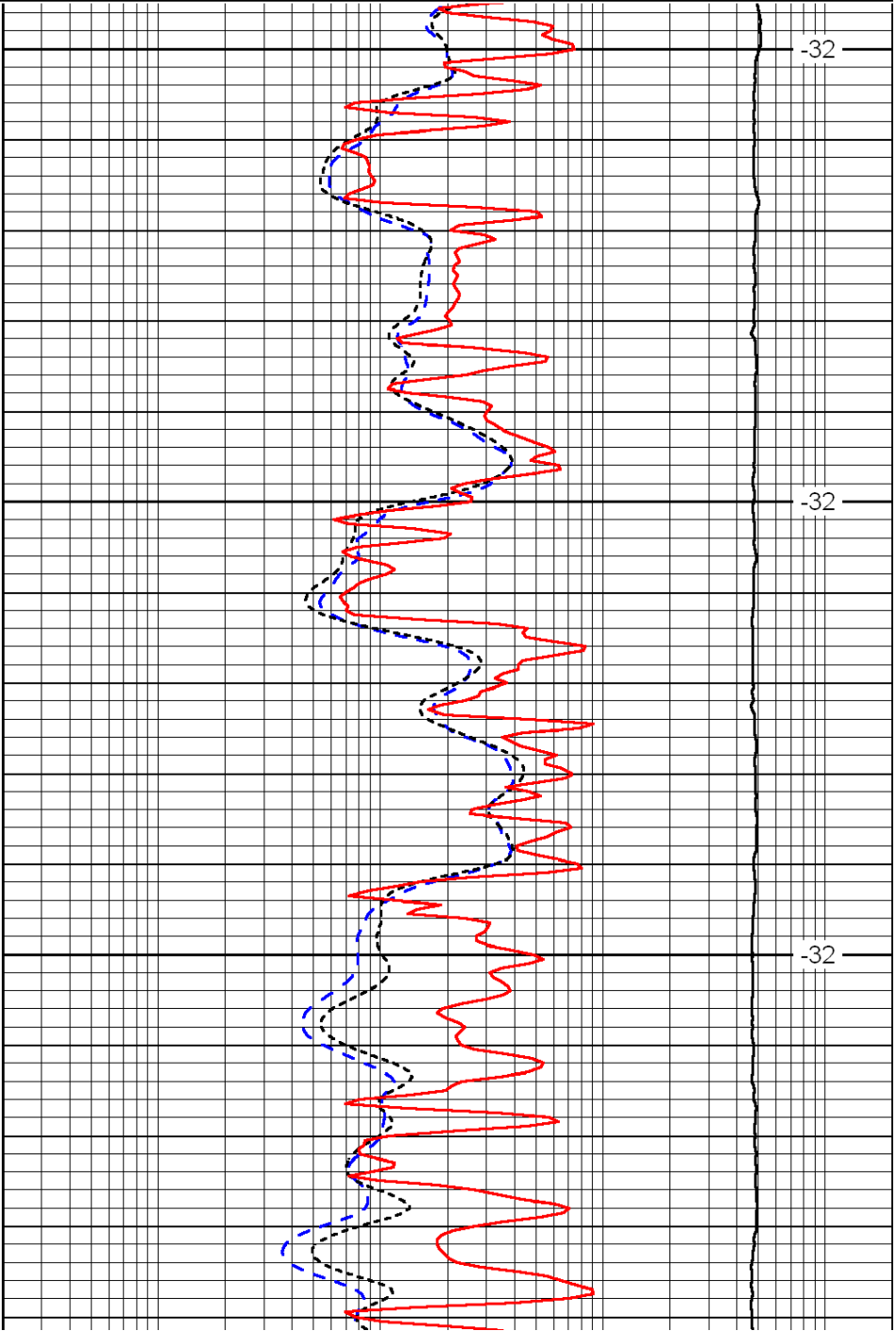
0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0
		LSPD



3600

3650

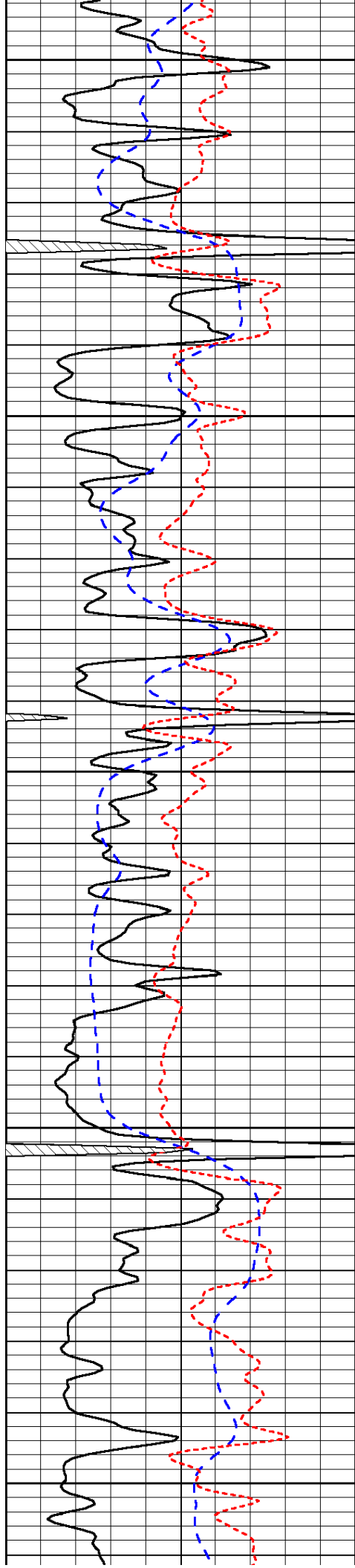
3700



-32

-32

-32



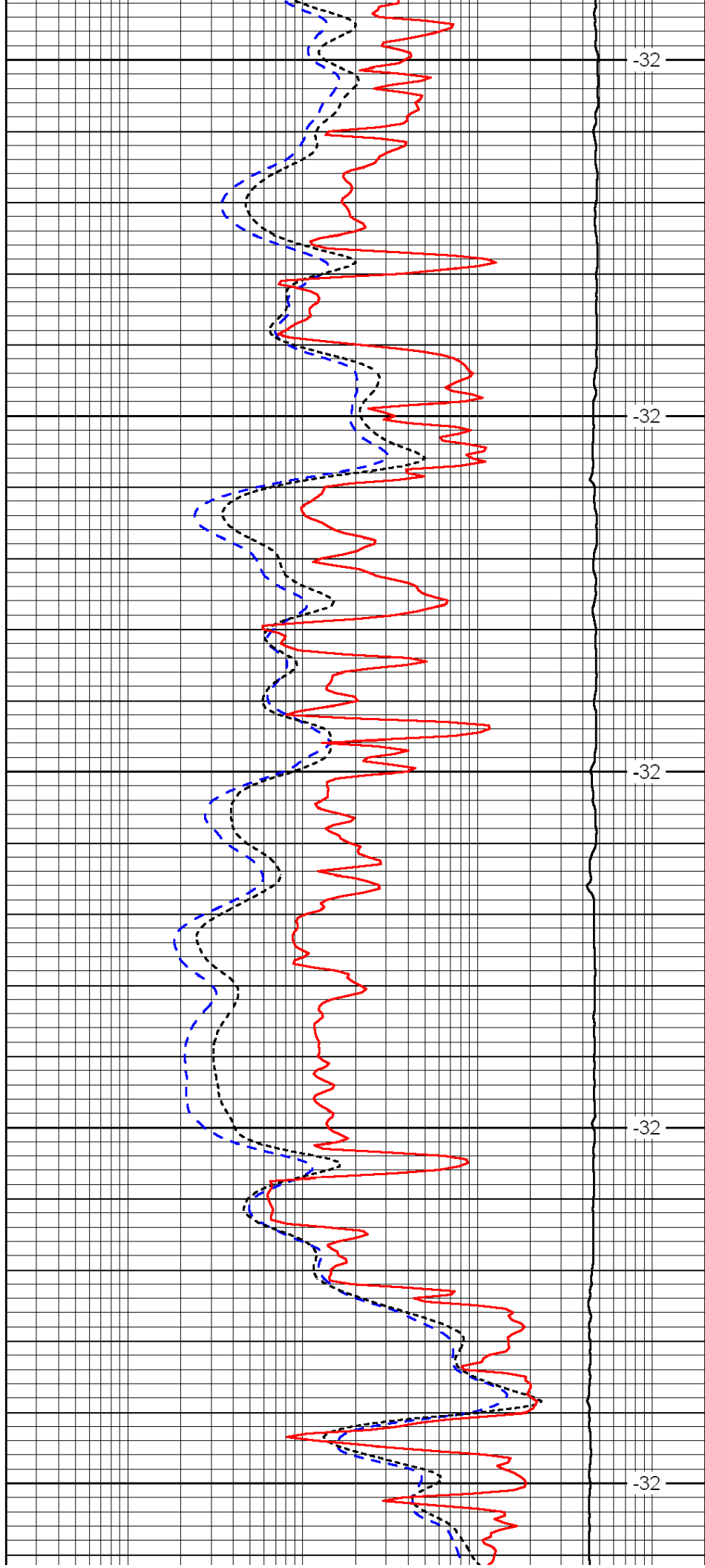
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3800

3850

3900

3950



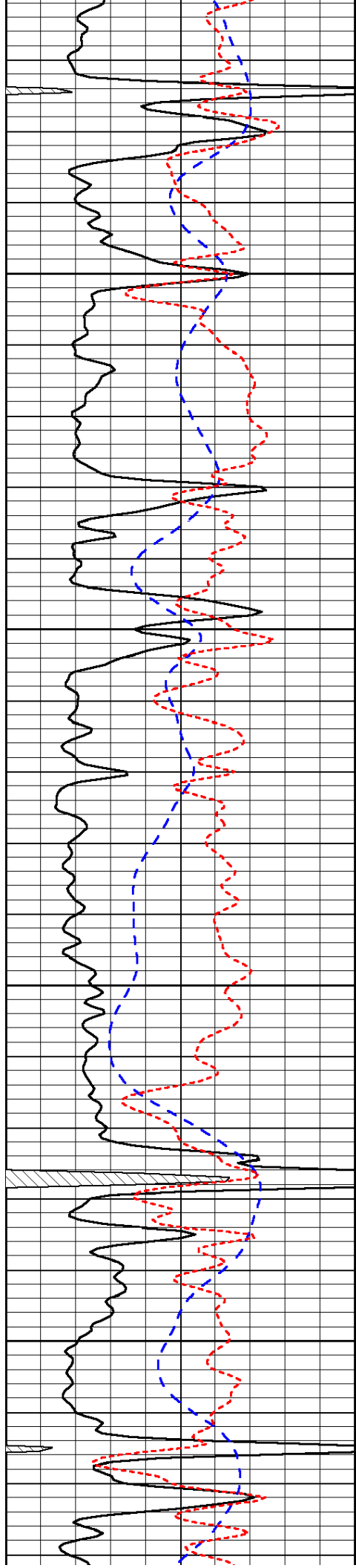
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-32

-32

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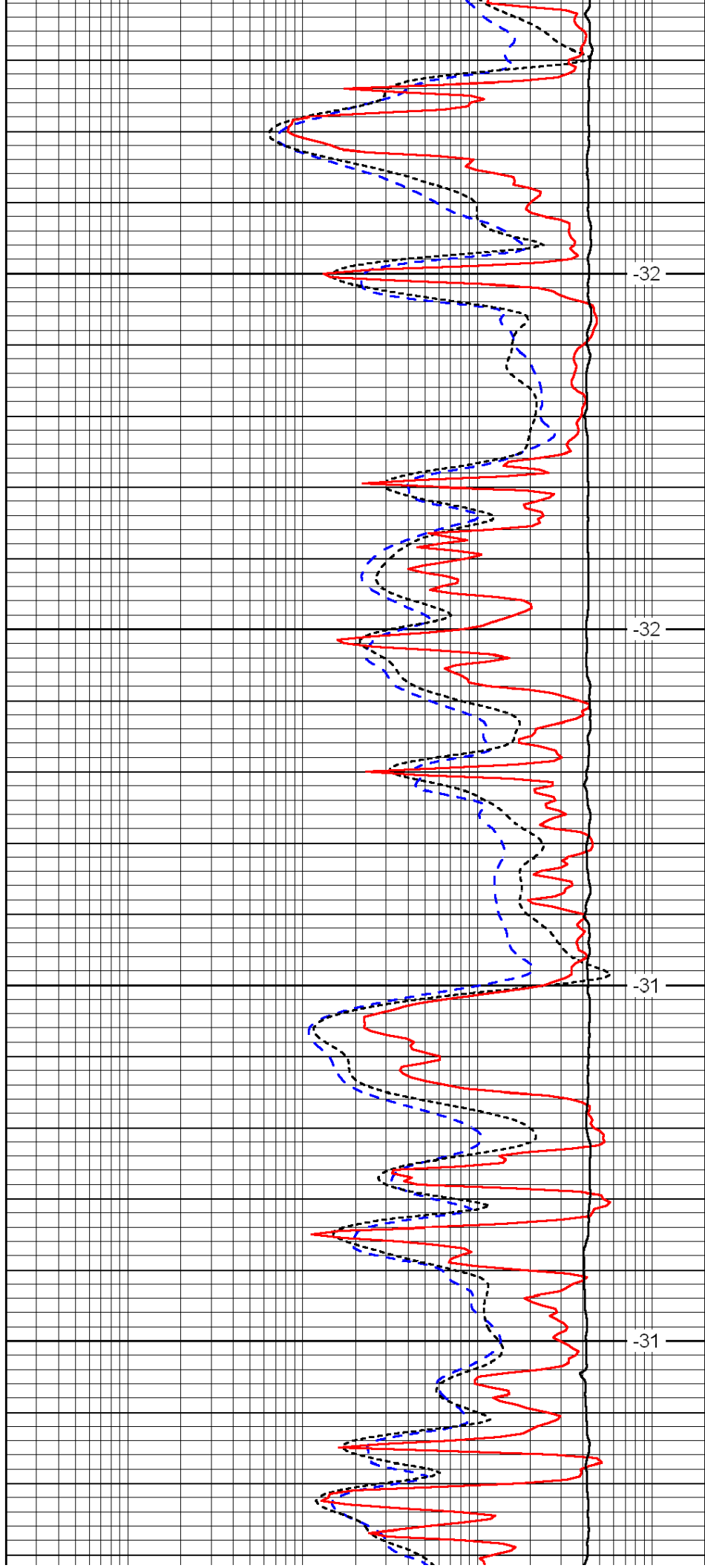


4000

4050

4100

4150

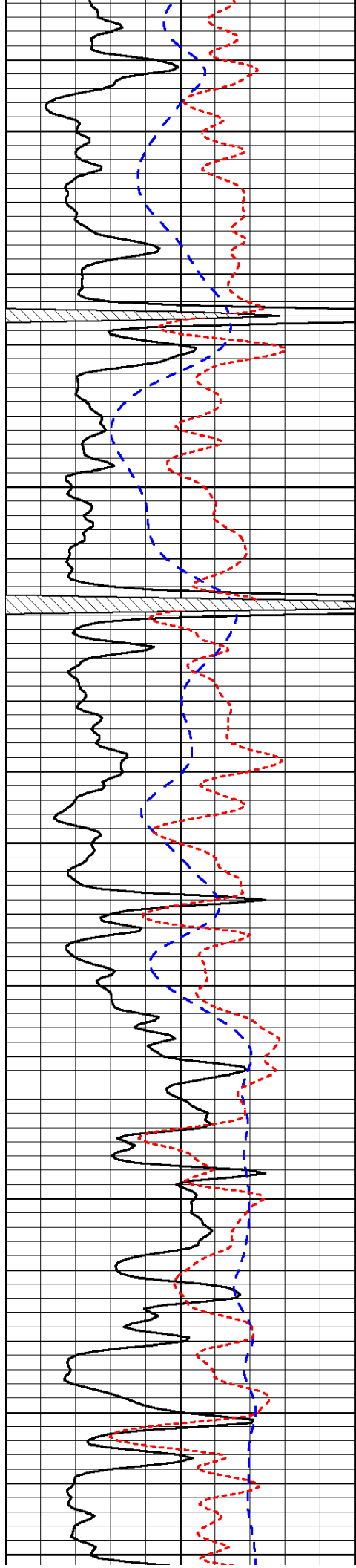


-32

-32

-31

-31



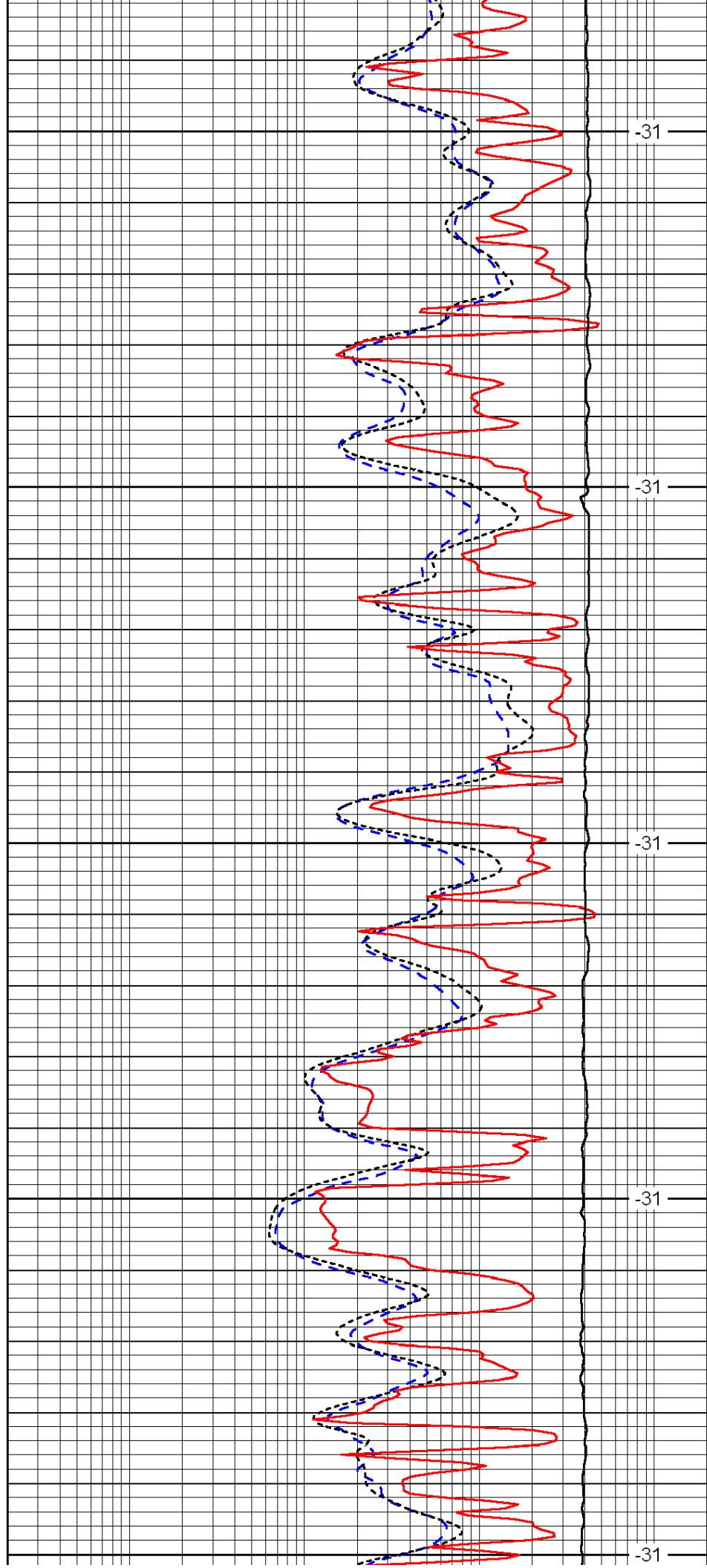
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4250

4300

4350

4400



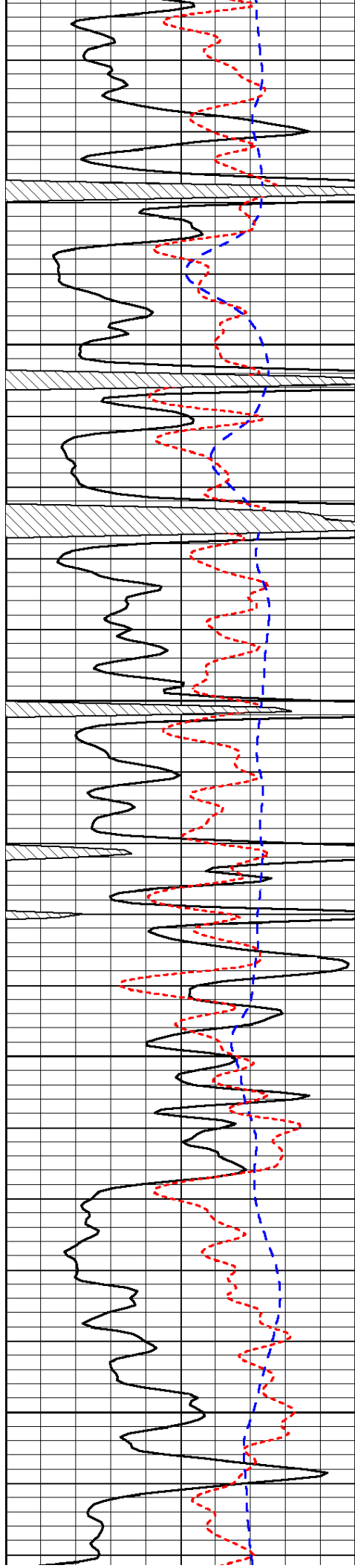
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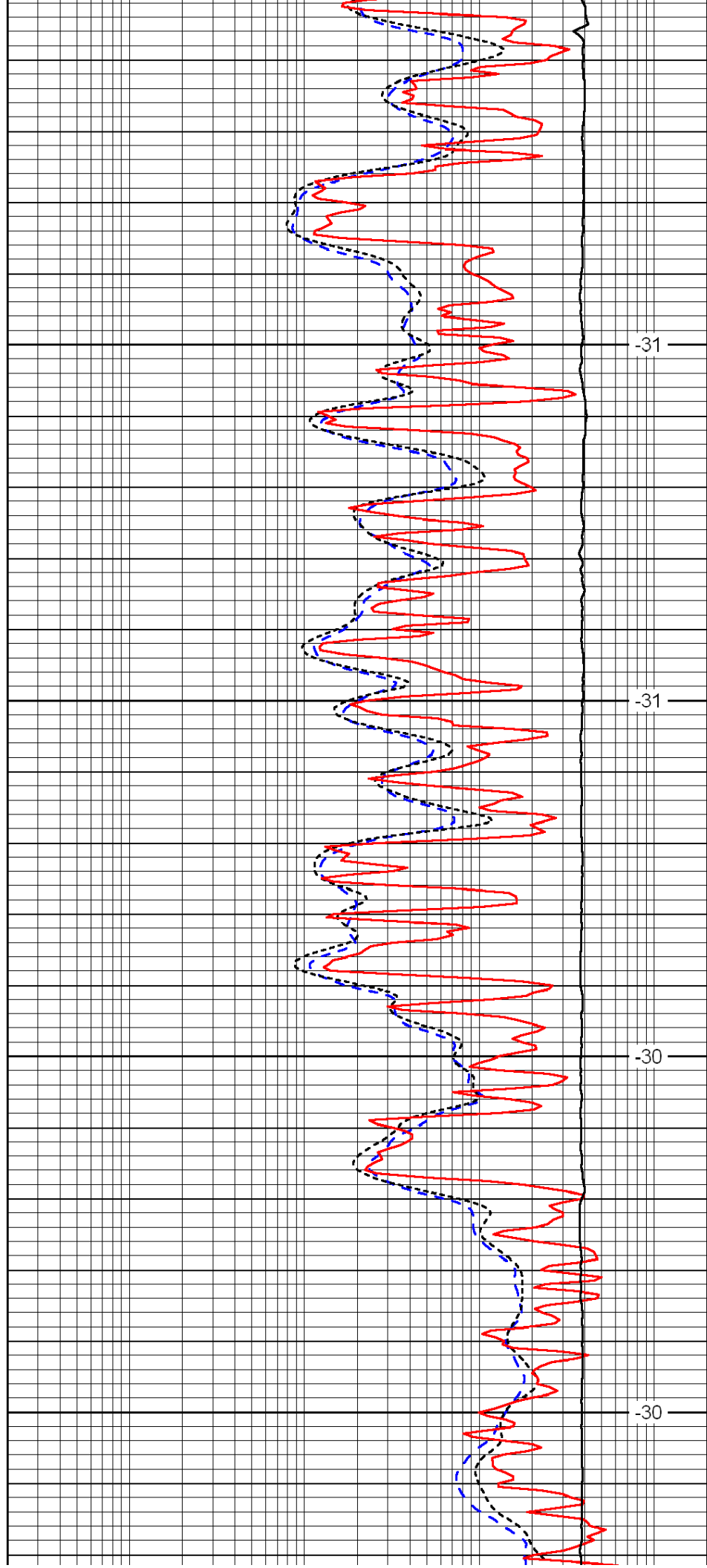


4450

4500

4550

4600

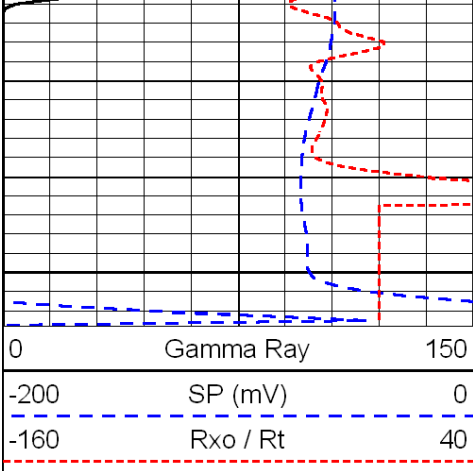


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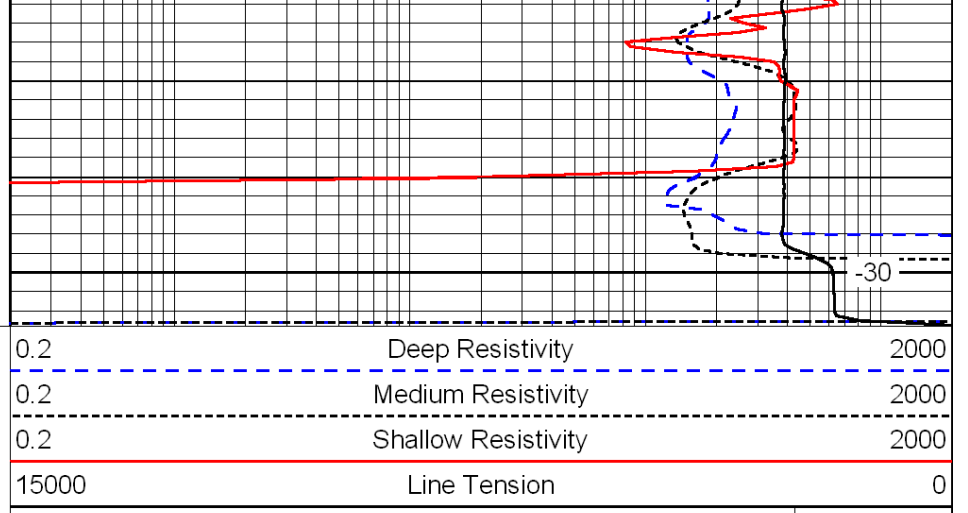
-31

-30

-30



4650



LSPD