



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company Indian Oil Company, Inc.		
	Well Lawrence No.2		
	Field Whelan		
	County Barber	State	Kansas
15-007-23,661-00-00	Location	2310' FSL & 3630' FEL	
	Sec: 30	Twp: 31 S	Rge: 11 W
	Permanent Datum	Ground Level	Elevation 1524
	Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum
	Drilling Measured From	Kelly Bushing	
Date		3/11/2011	
Run Number		One	
Depth Driller		4460	
Depth Logger		4458	
Bottom Logged Interval		4457	
Top Log Interval		300	
Casing Driller		8.625 @ 310	
Casing Logger		309	
Bit Size		7.875	
Type Fluid in Hole		Chemical	
Salinity, ppm CL		4.000	
Density / Viscosity		9.2 47	
pH / Fluid Loss		10.0 9.0	
Source of Sample		Flowline	
Rm @ Meas. Temp		.75 @ 63	
Rmf @ Meas. Temp		.56 @ 63	
Rmc @ Meas. Temp		1.01 @ 63	
Source of Rmf / Rmc		Charts	
Rm @ BHT		.39 @ 123	
Operating Rig Time		2 1/2 Hours	
Max Rec. Temp. F		123	
Equipment Number		17	
Location		Hays	
Recorded By		C. Desai	
Witnessed By		Scott Alberg	Anthony Farrar

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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

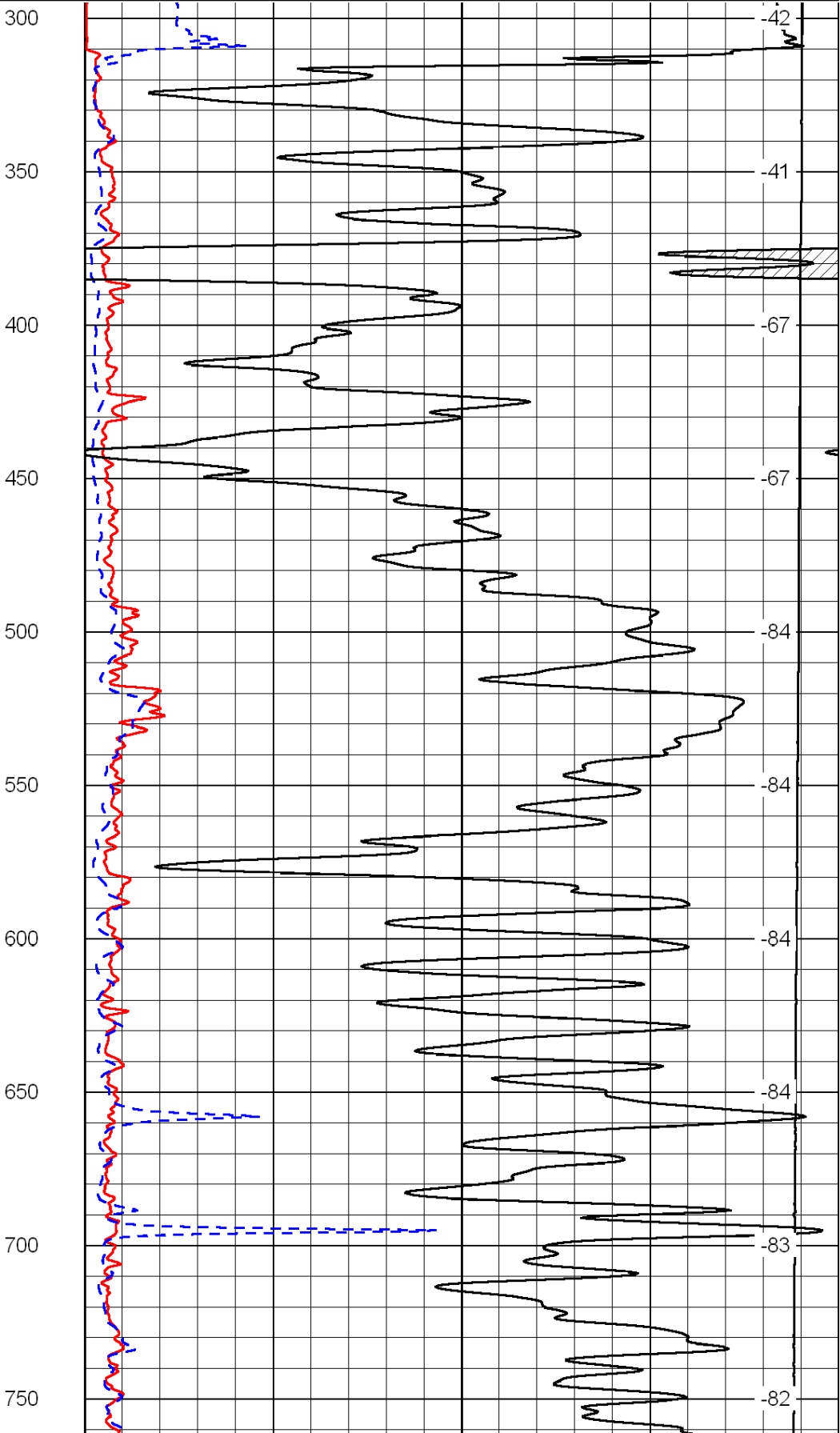
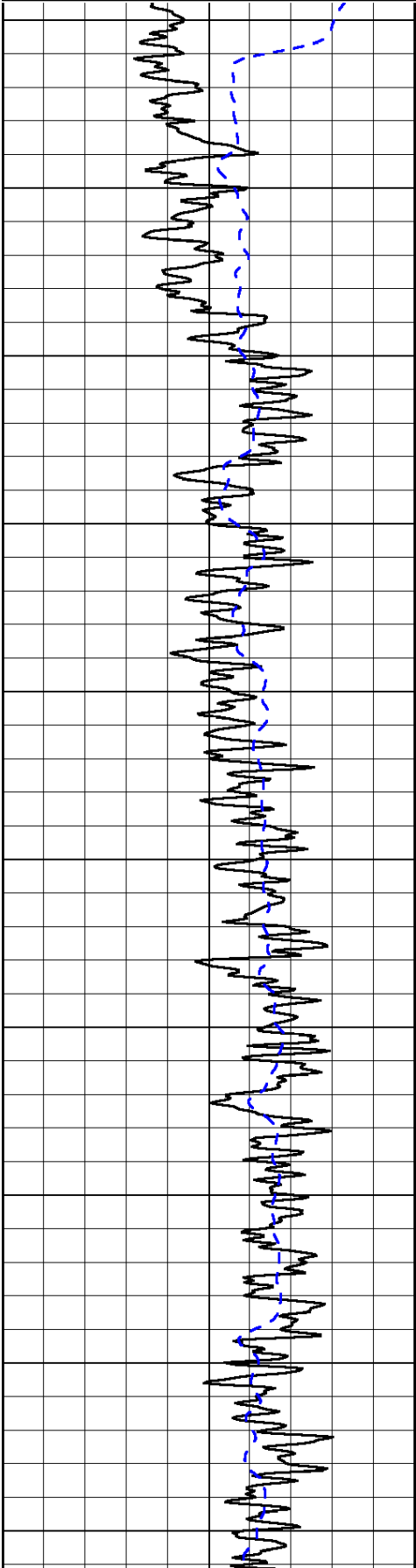
Thank you for using Log-Tech, Inc.
(785) 625-3858

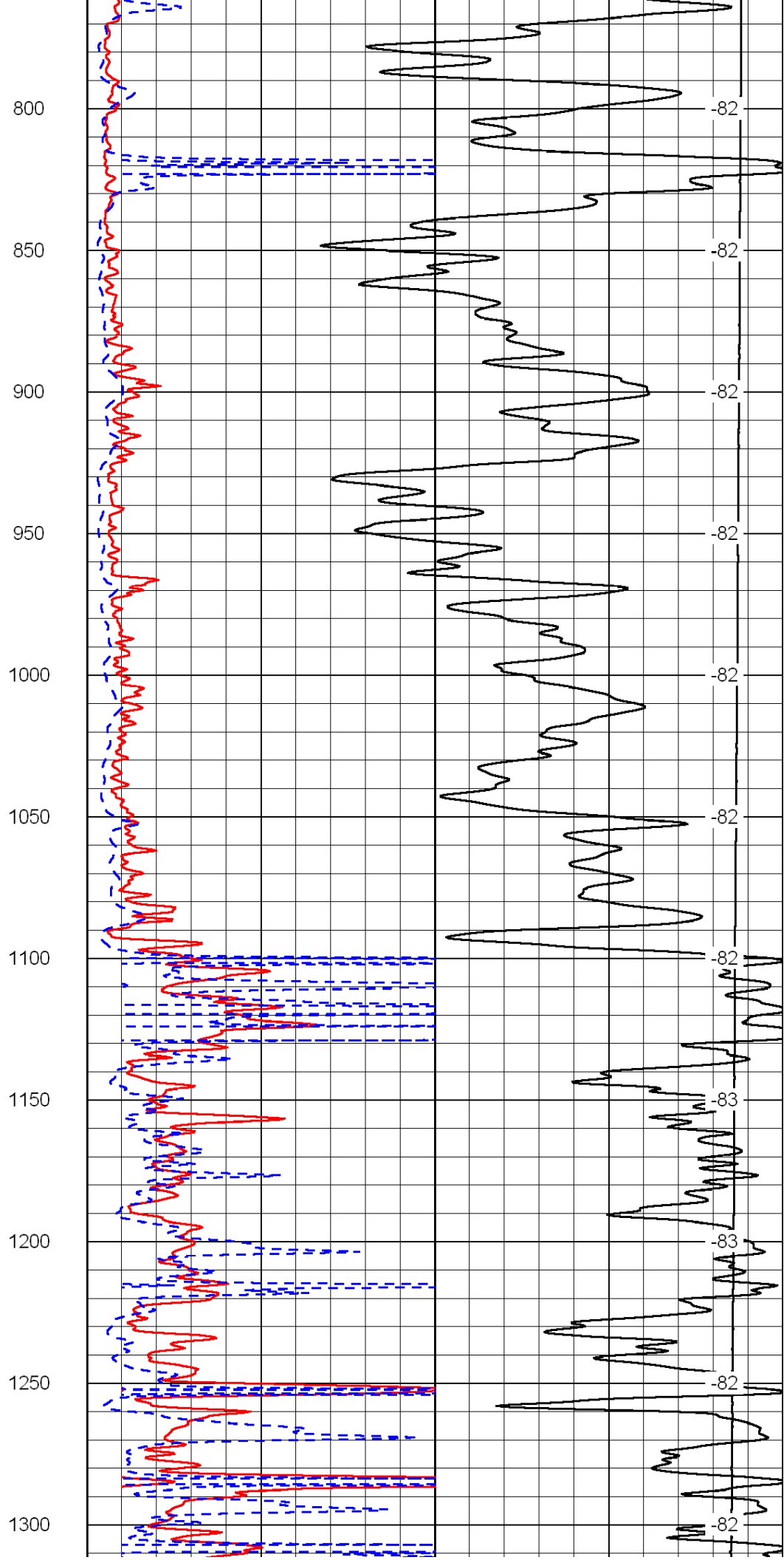
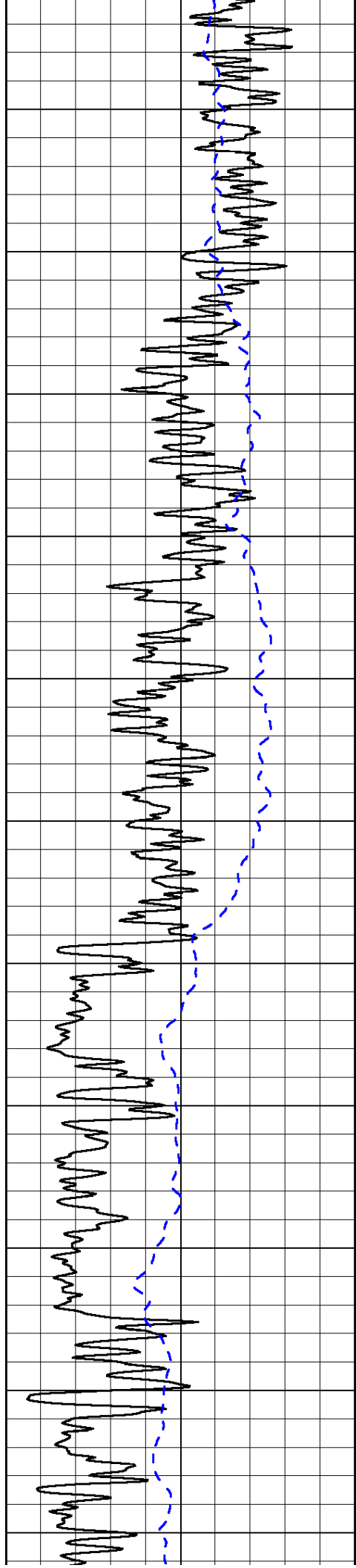
Medicine Lodge,
1 E, 3.5 N, W Into

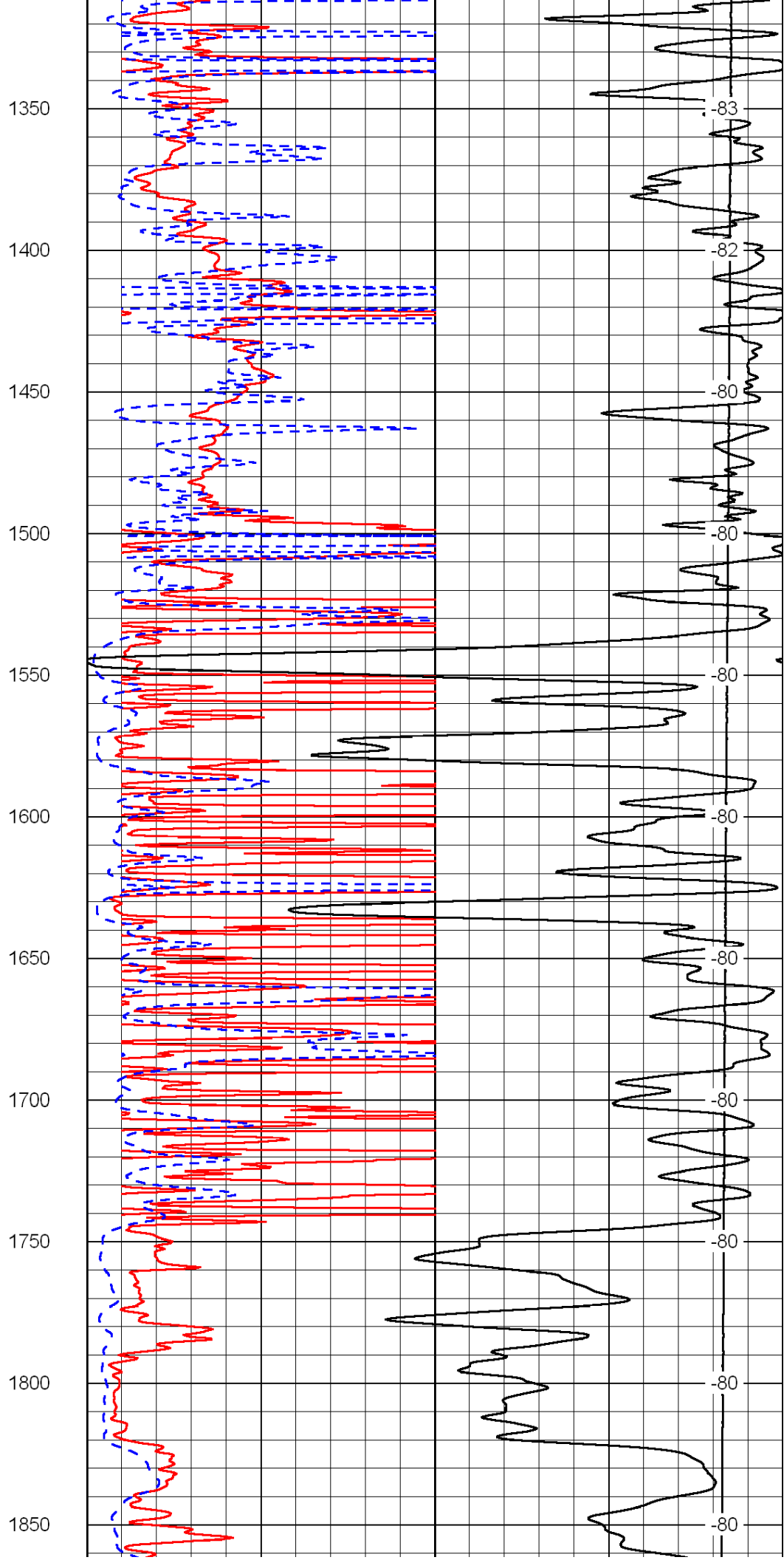
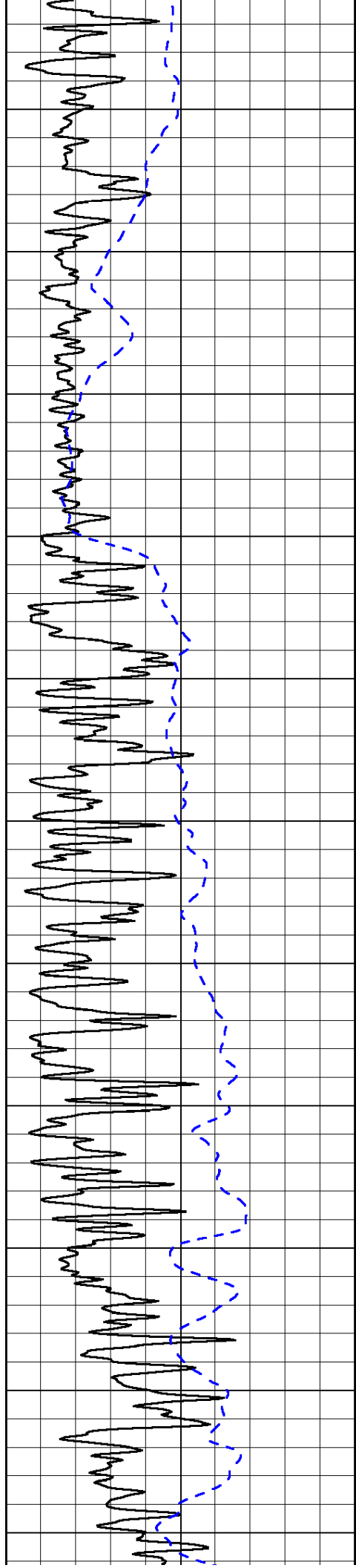
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Dataset Pathname: dil\indstk
Presentation Format: dil2in
Dataset Creation: Fri Mar 11 03:57:25 2011
Charted by: Depth in Feet scaled 1:600

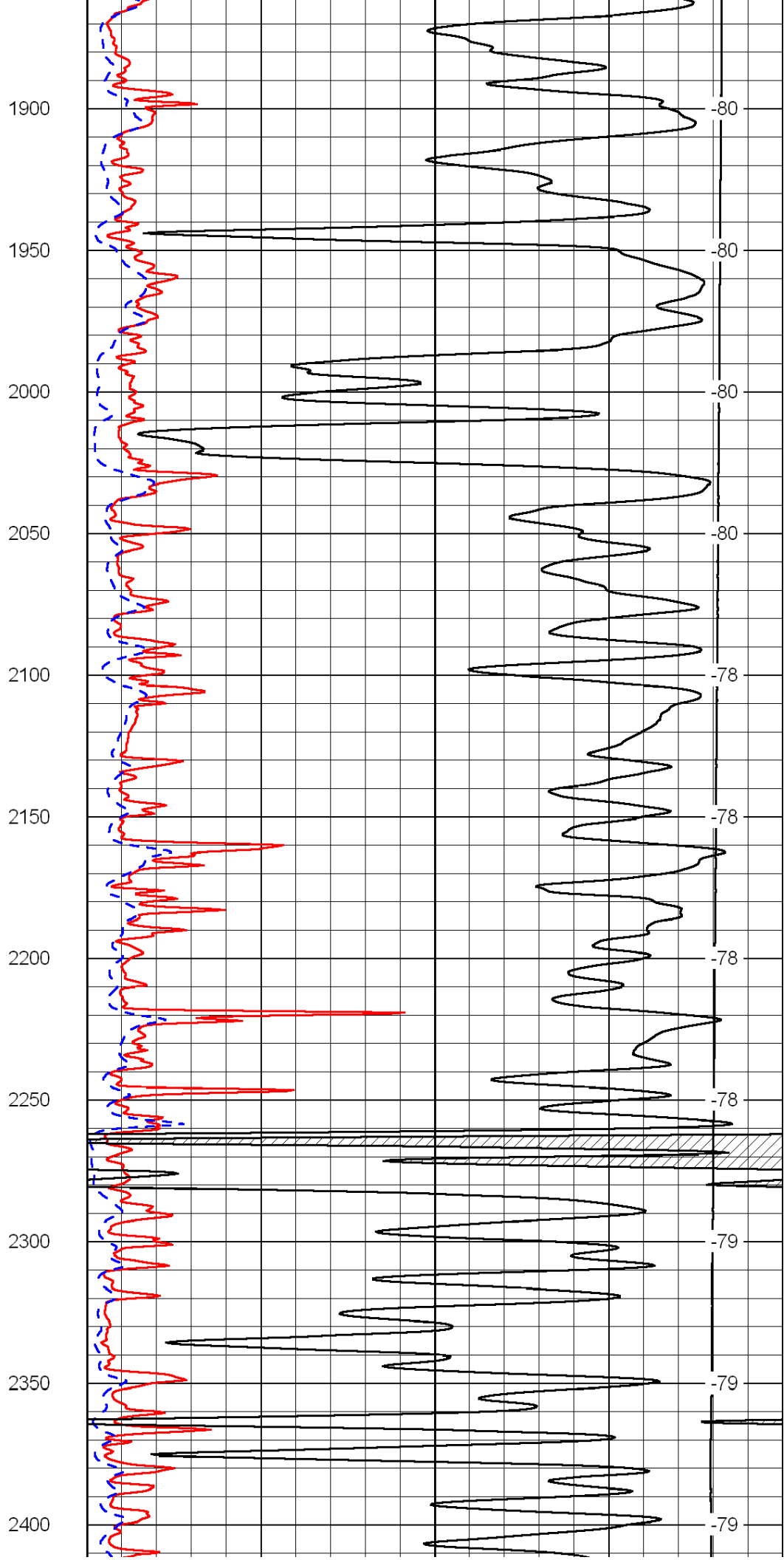
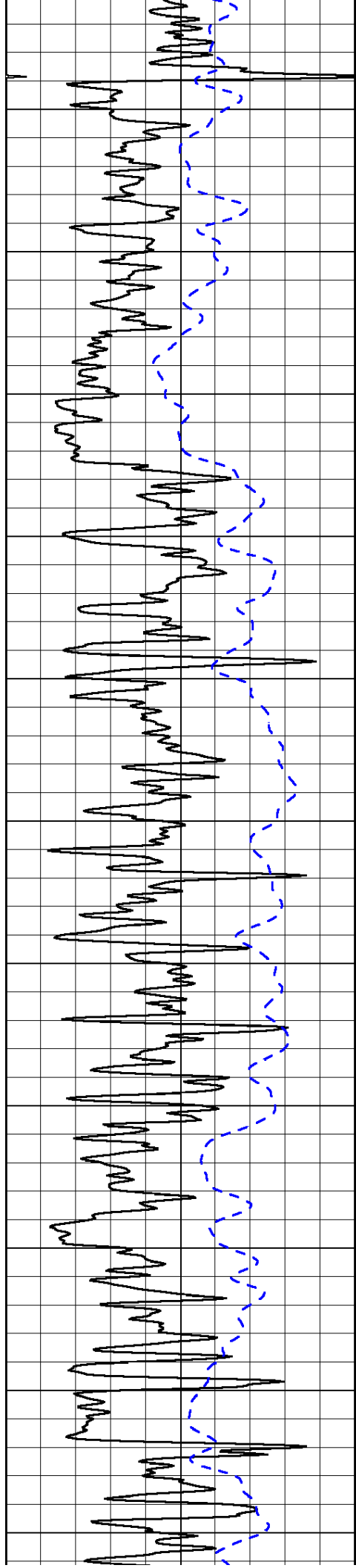
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-200	SP (mV)	0

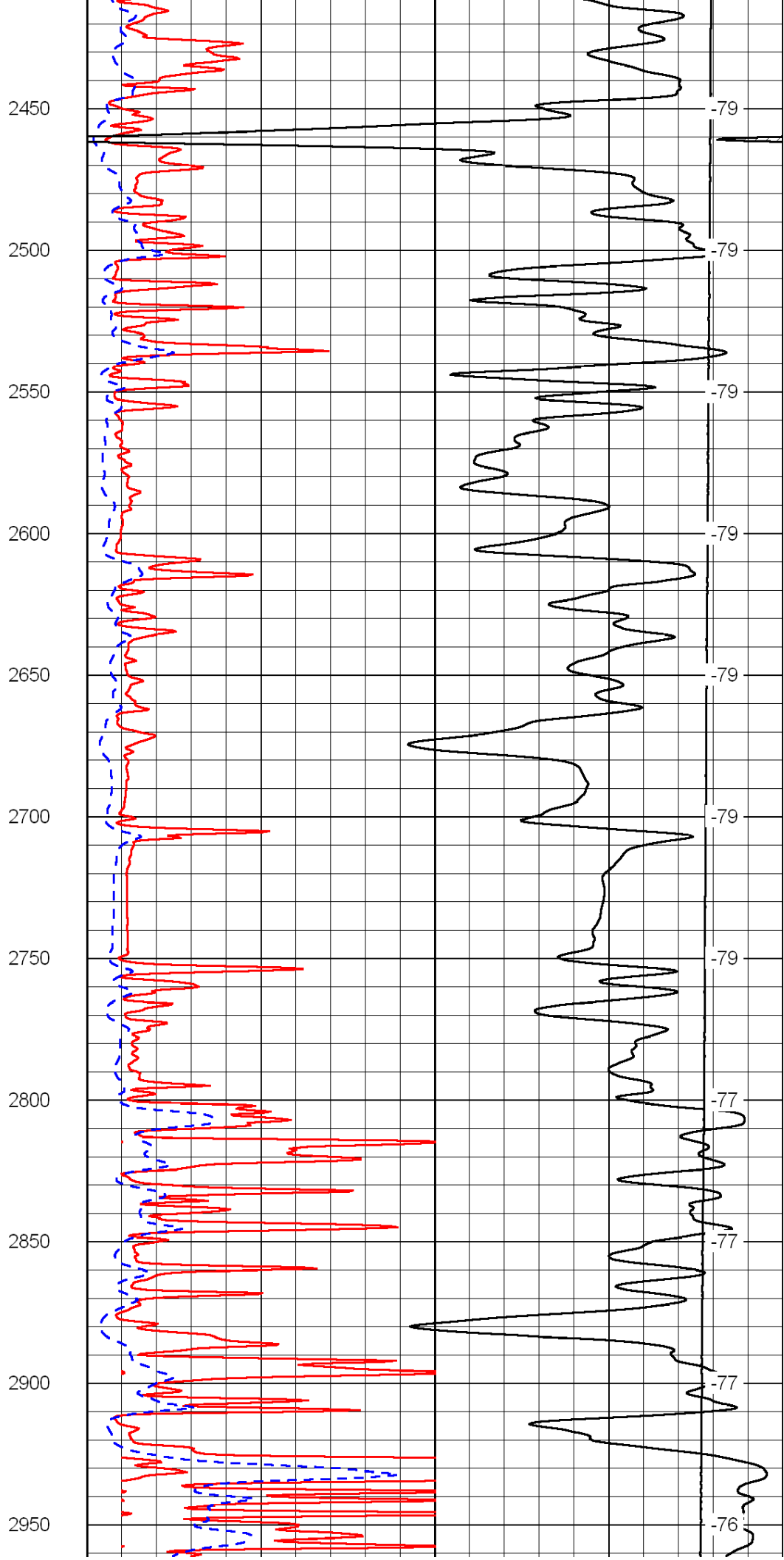
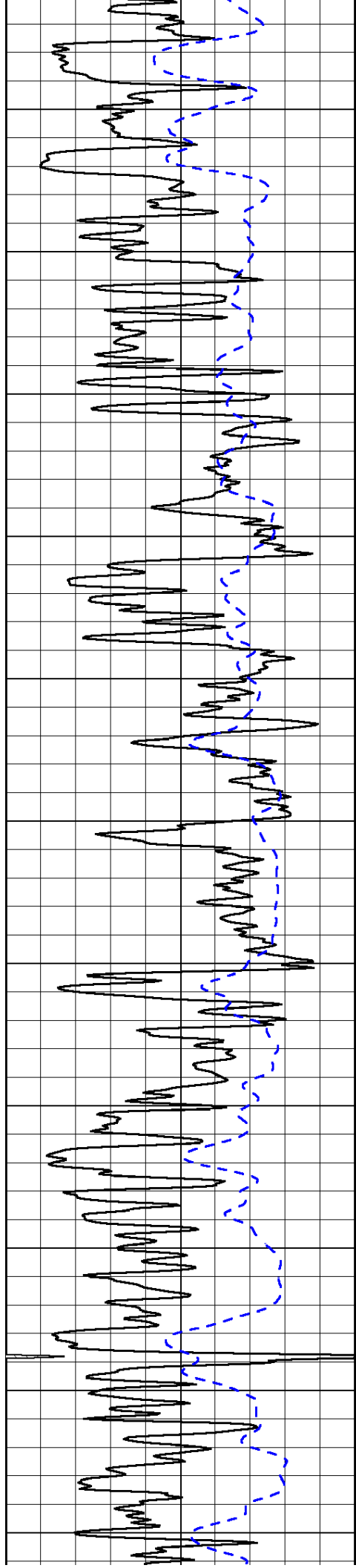
0	Shallow Resistivity	50	LSPD
0	Deep Resistivity	50	
1000	Conductivity		0
15000	Line Tension		0
50	Shallow Resistivity	500	
50	Deep Resistivity	500	

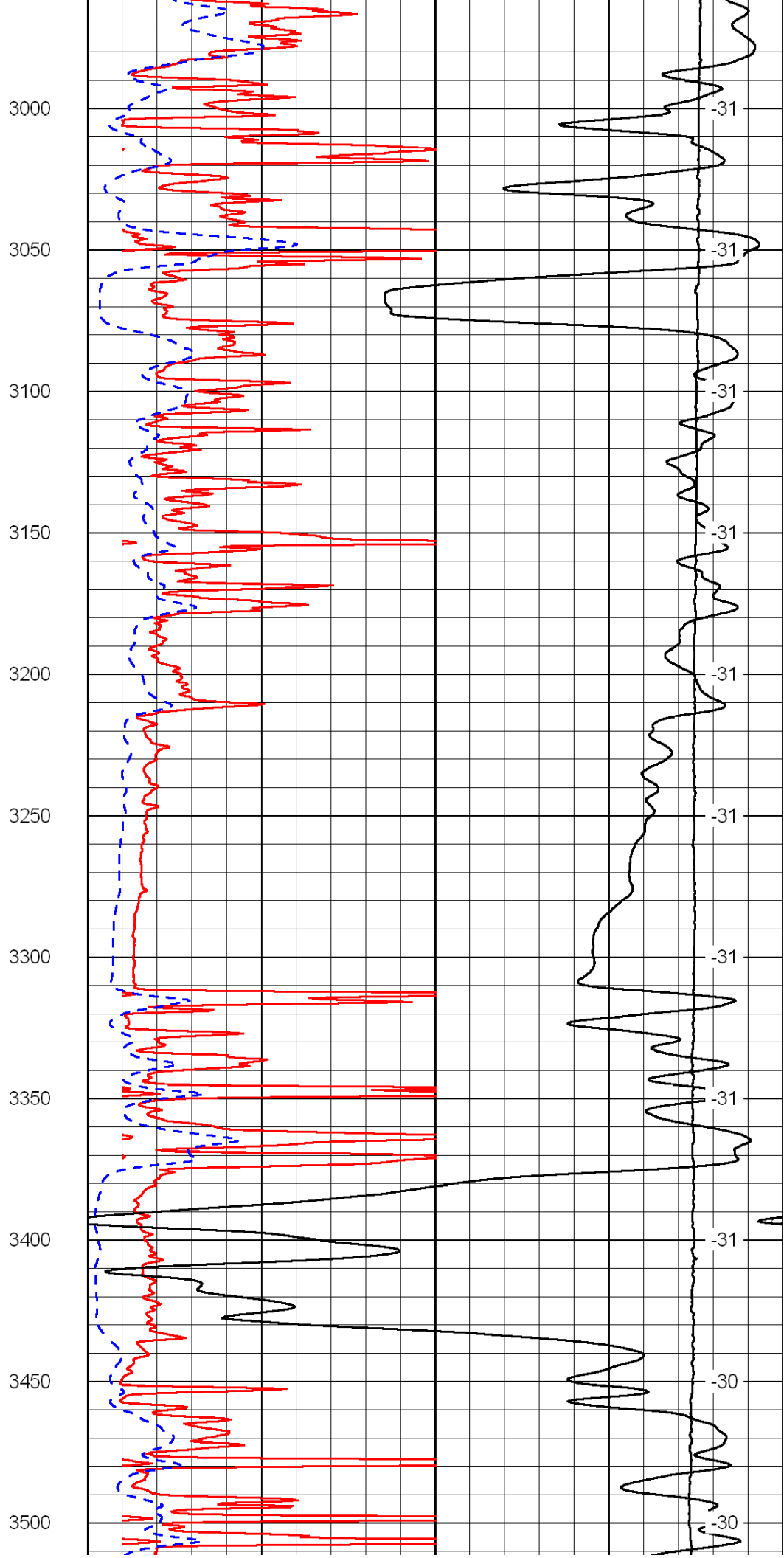
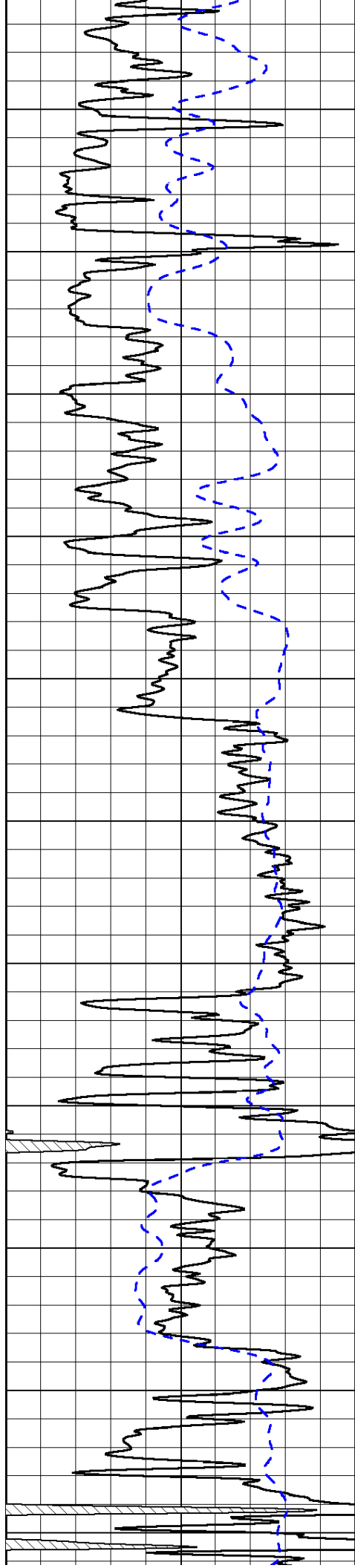


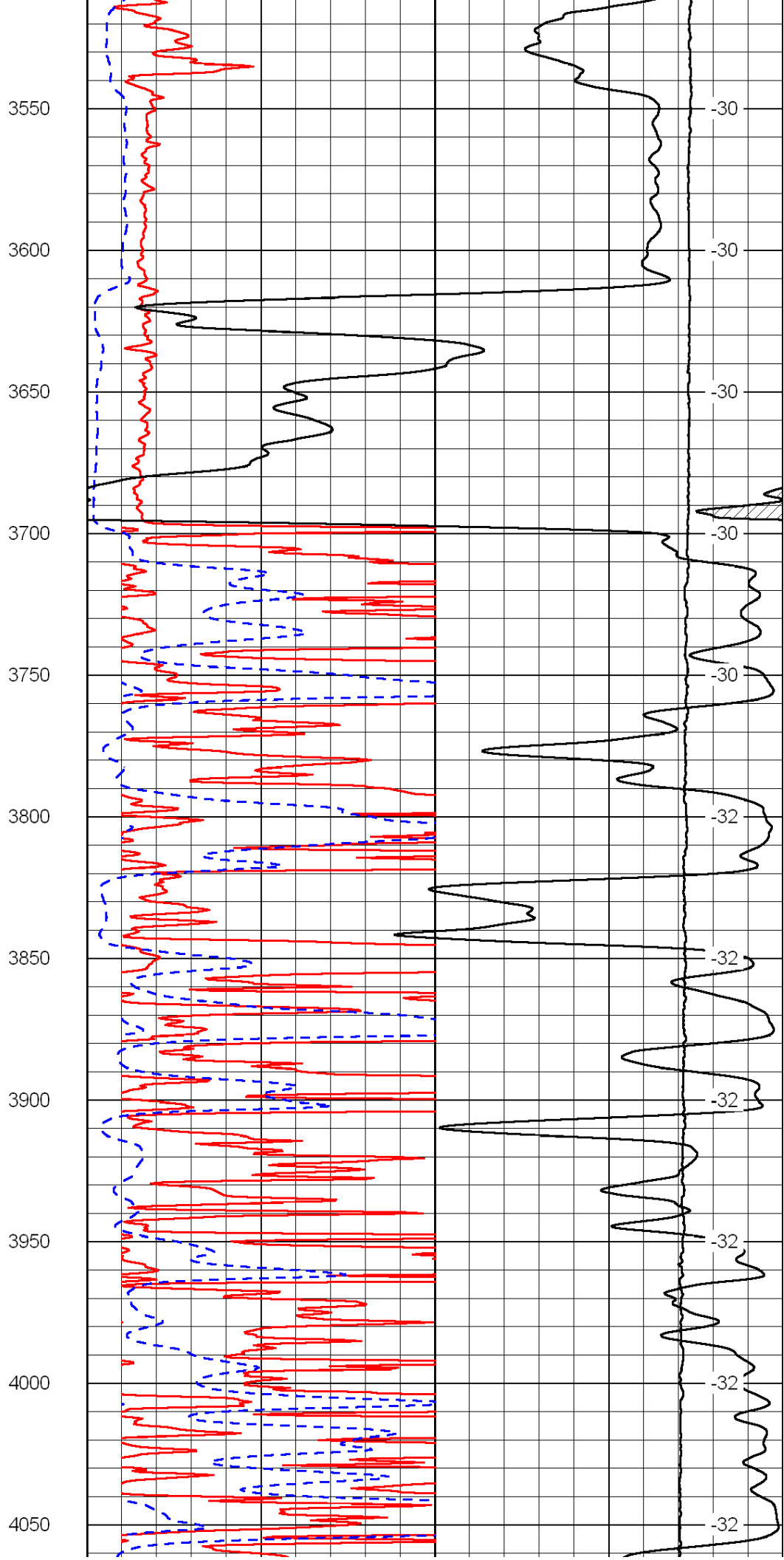
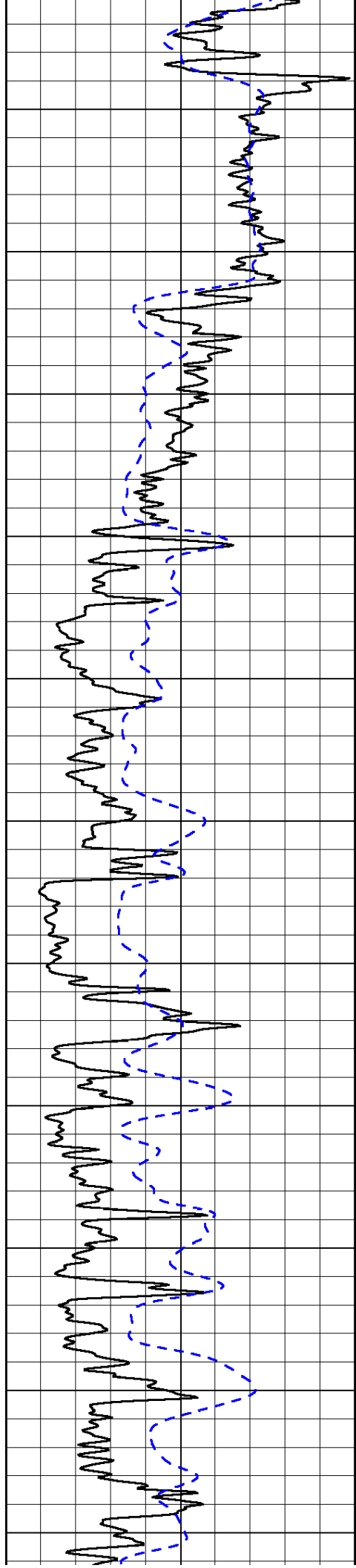


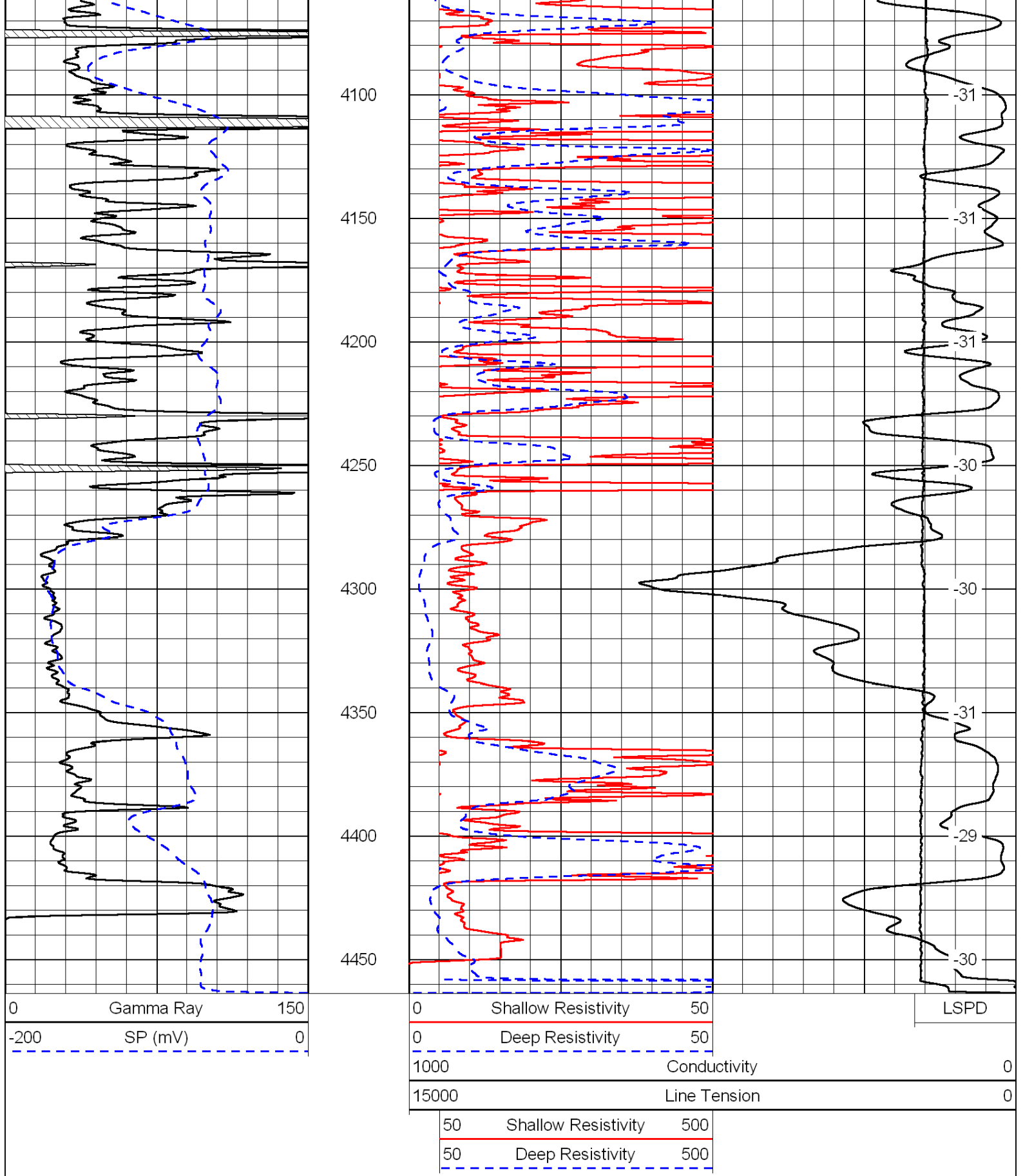










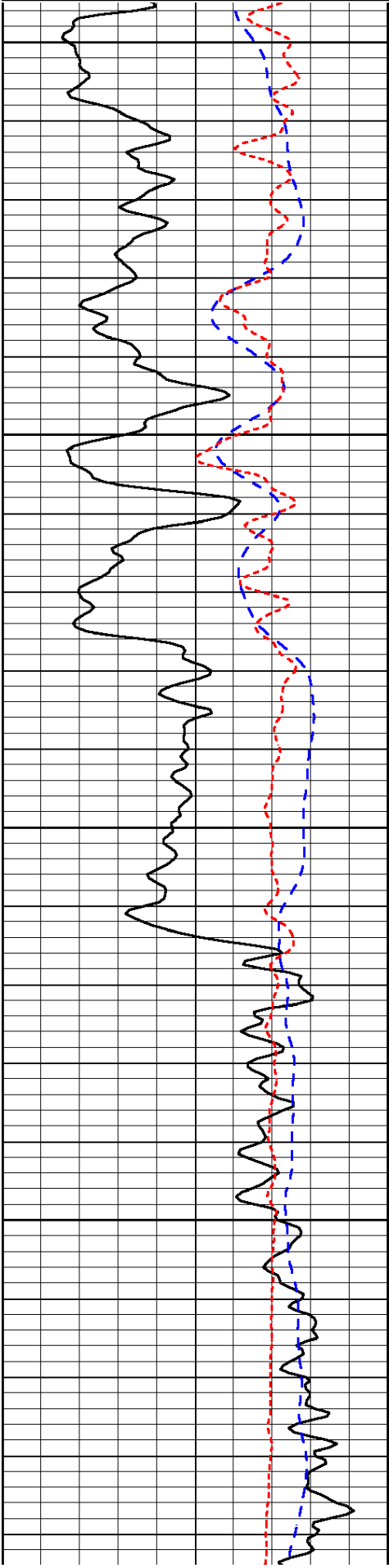


Database File: c:\warrior\data\indian oil_lawrence no.2\indianhd.db
Dataset Pathname: dil/indstk
Presentation Format: dil
Dataset Creation: Fri Mar 11 03:57:25 2011
Charted by: Depth in Feet scaled 1:240

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

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

LSPD

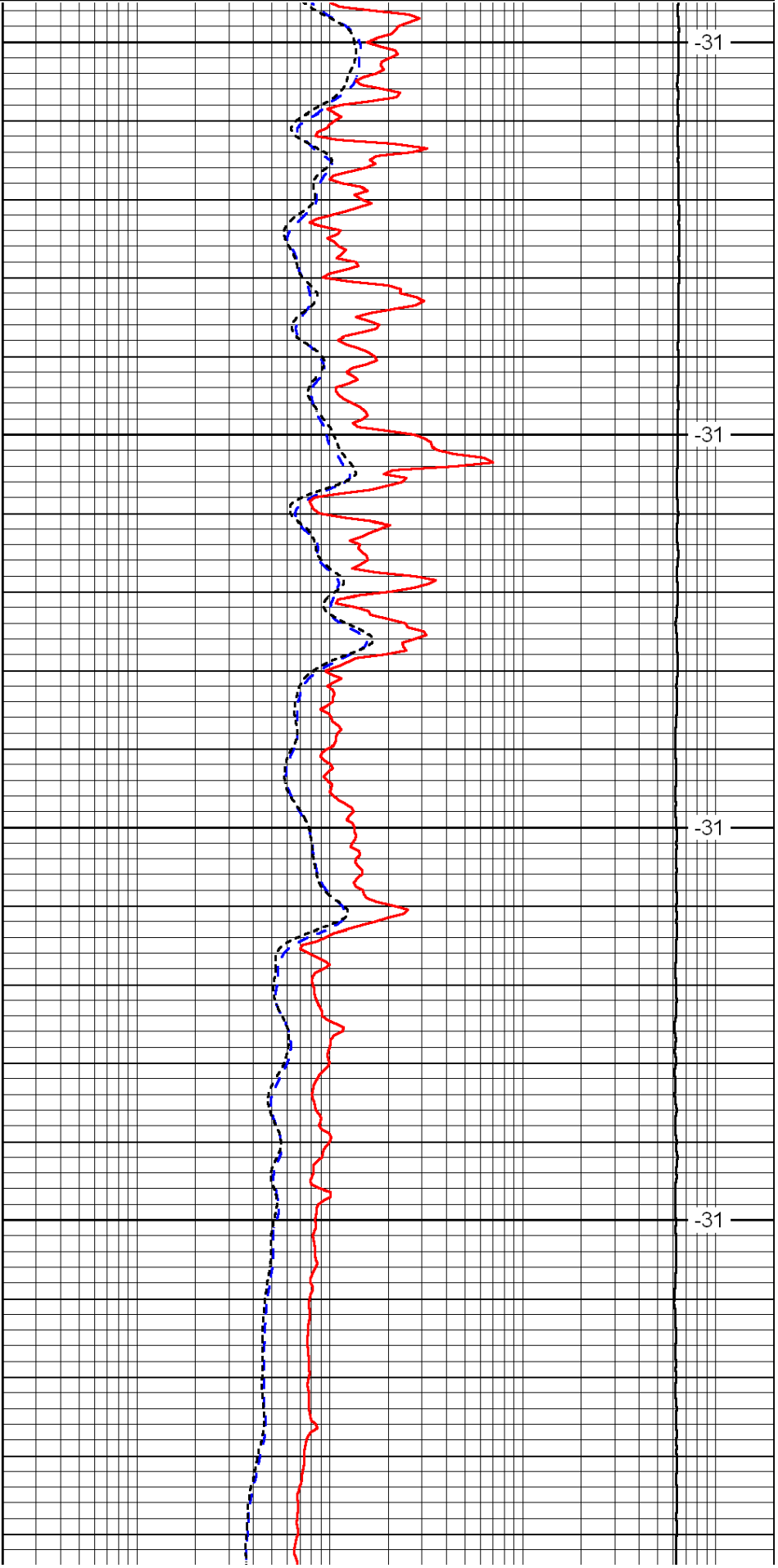


3100

3150

3200

3250

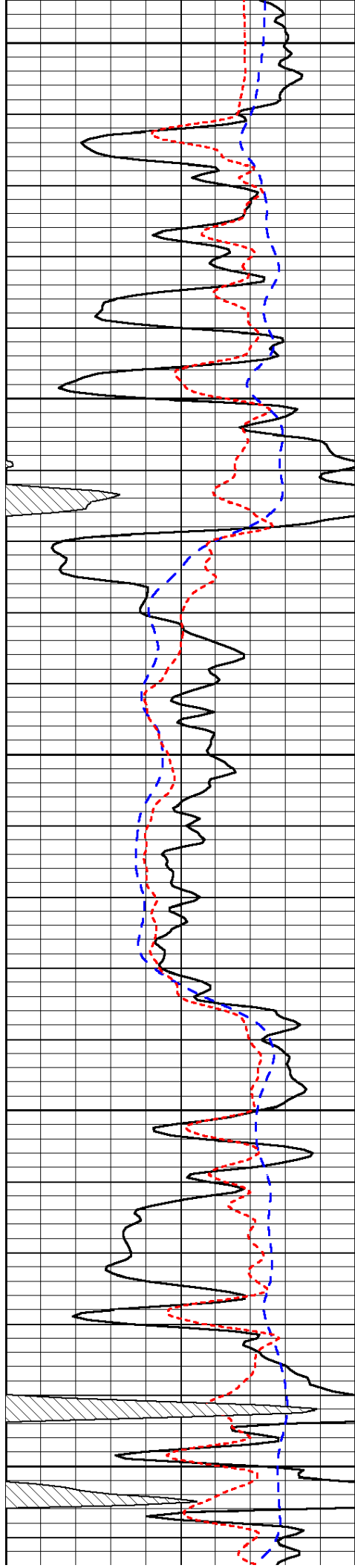


-31

-31

-31

-31



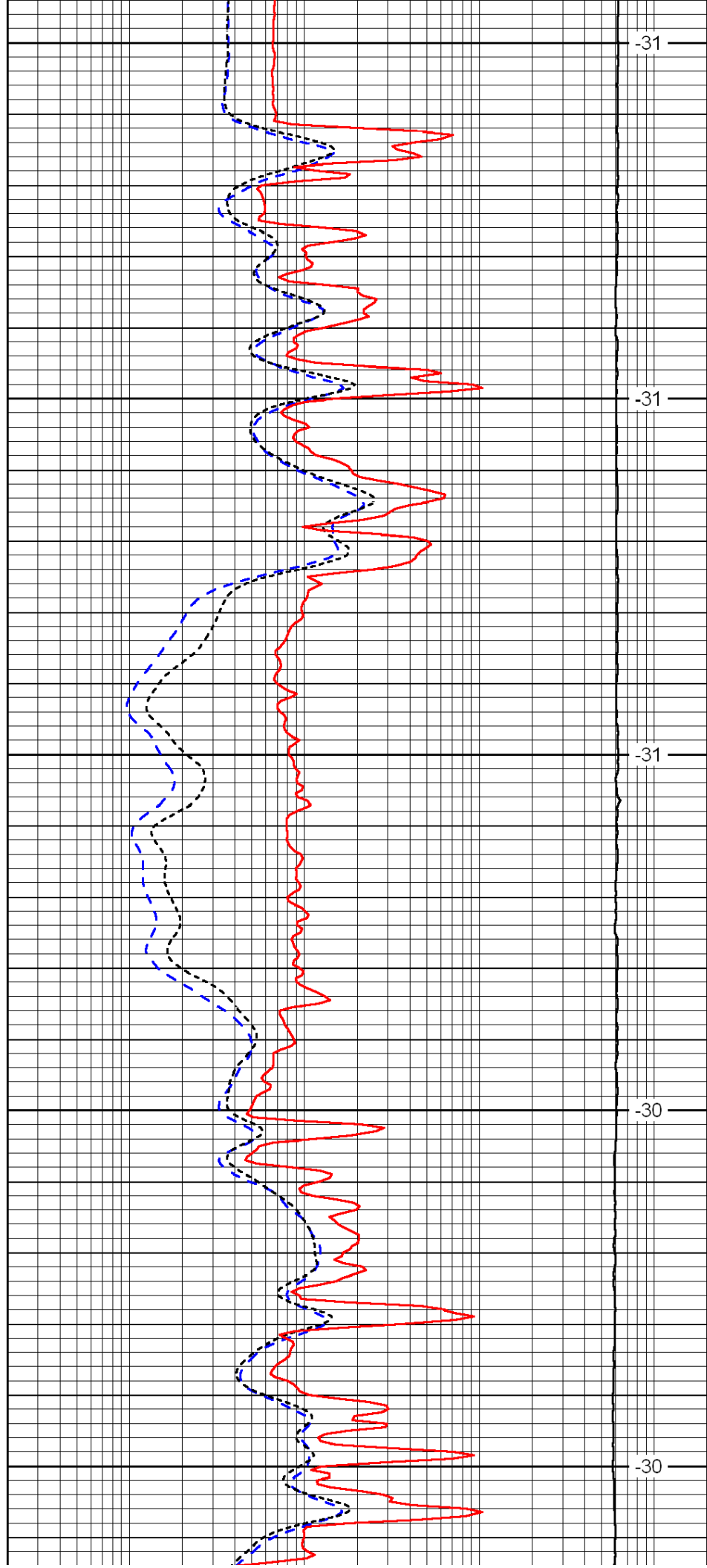
3300

3350

3400

3450

3500



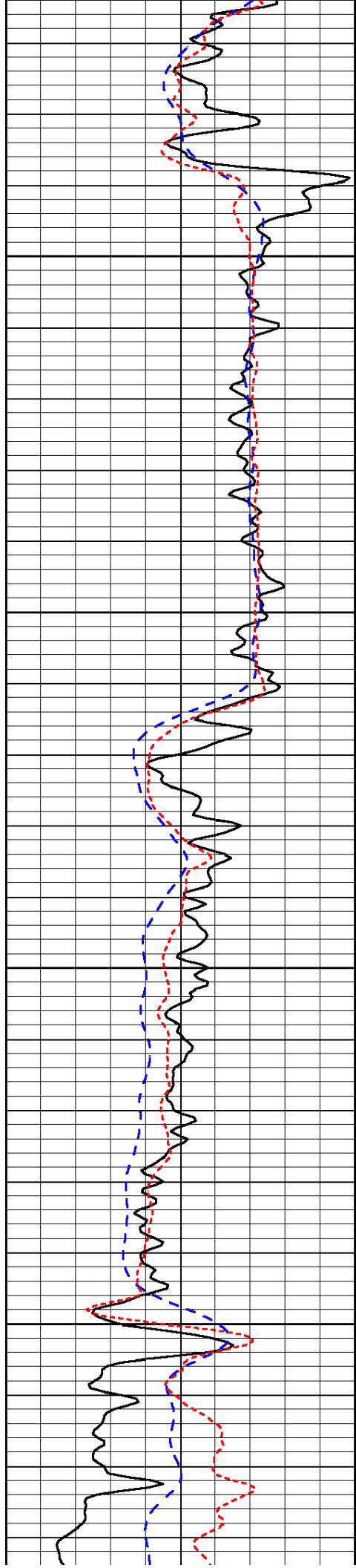
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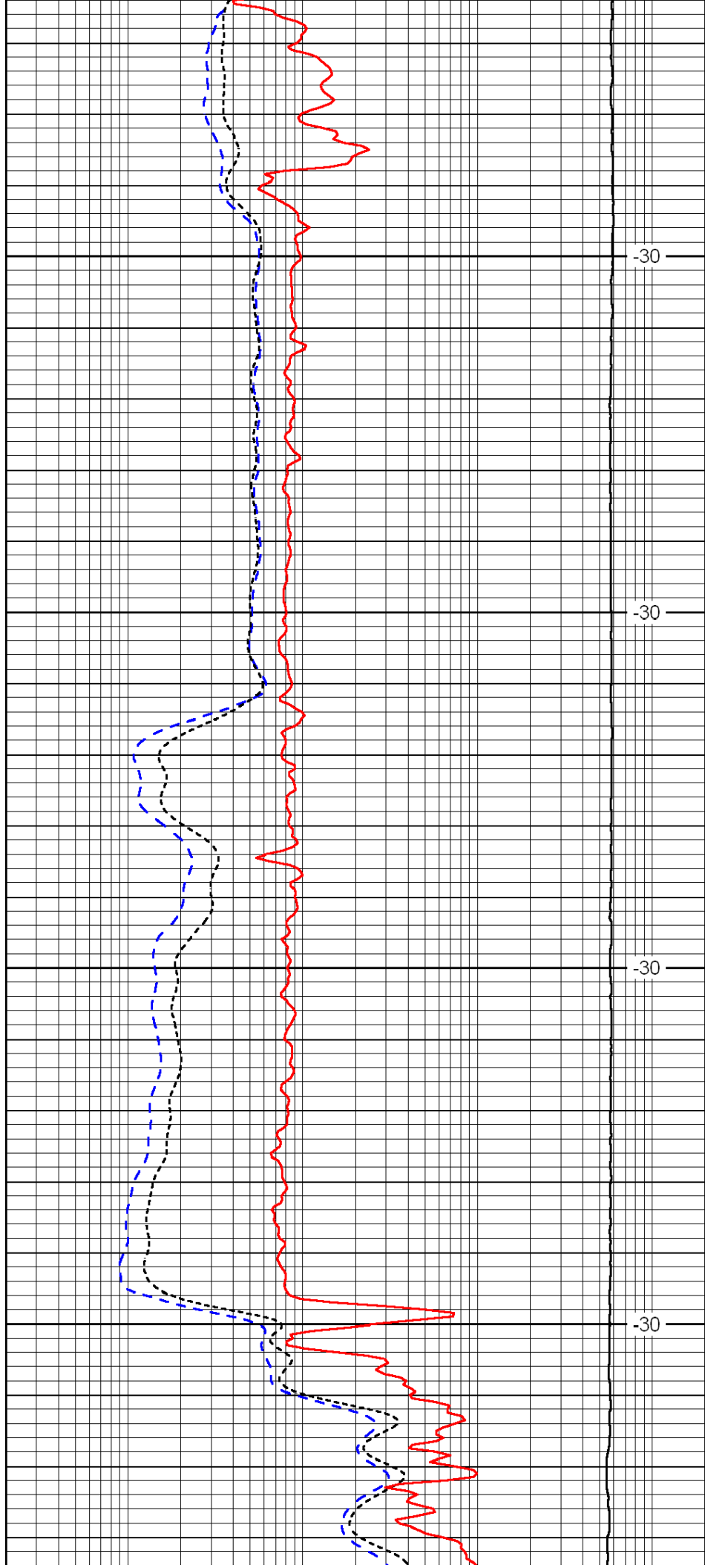


3550

3600

3650

3700

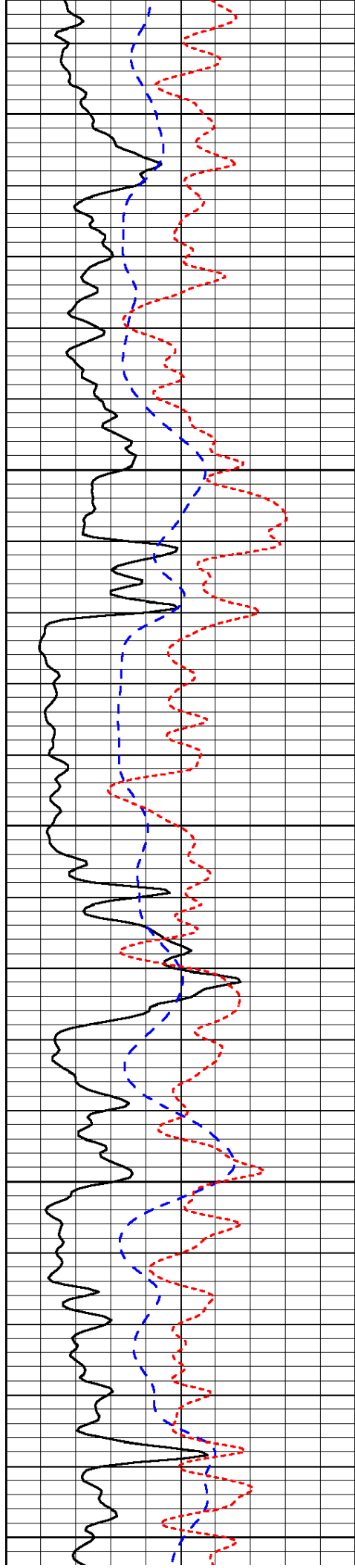


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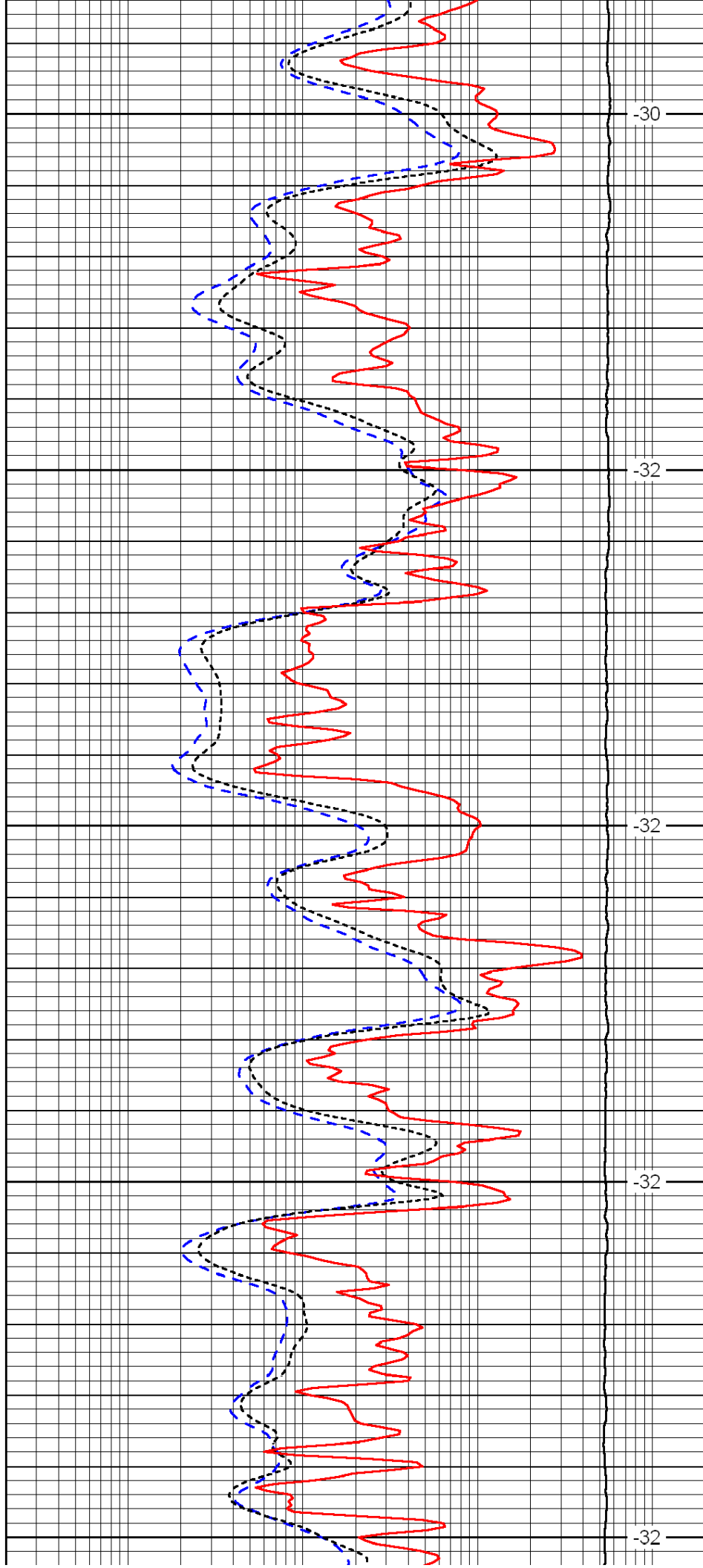
3750

3800

3850

3900

3950



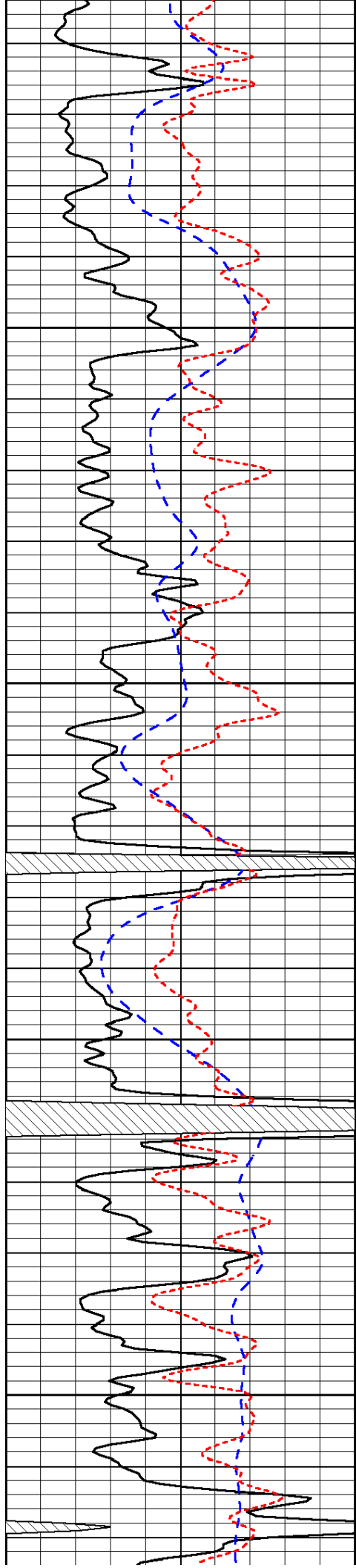
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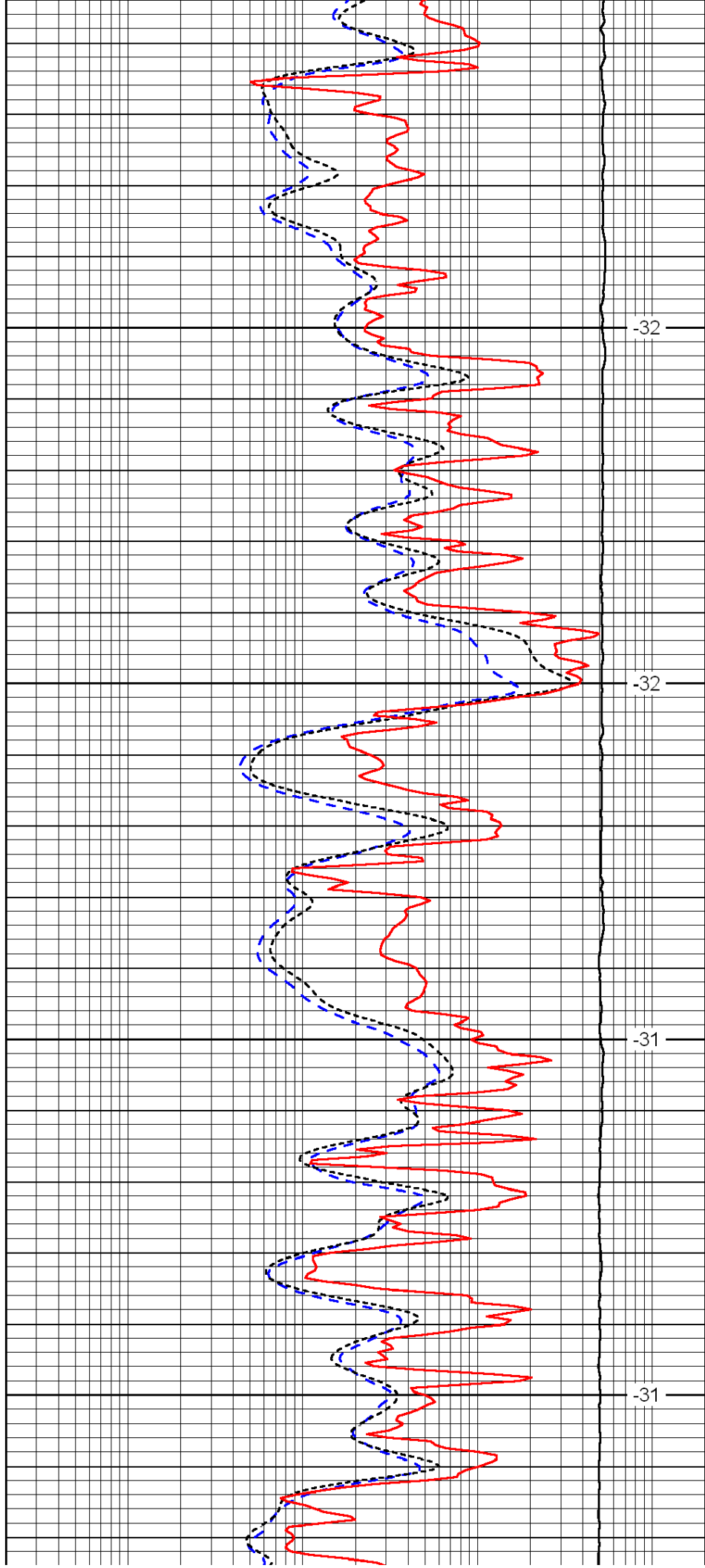


4000

4050

4100

4150

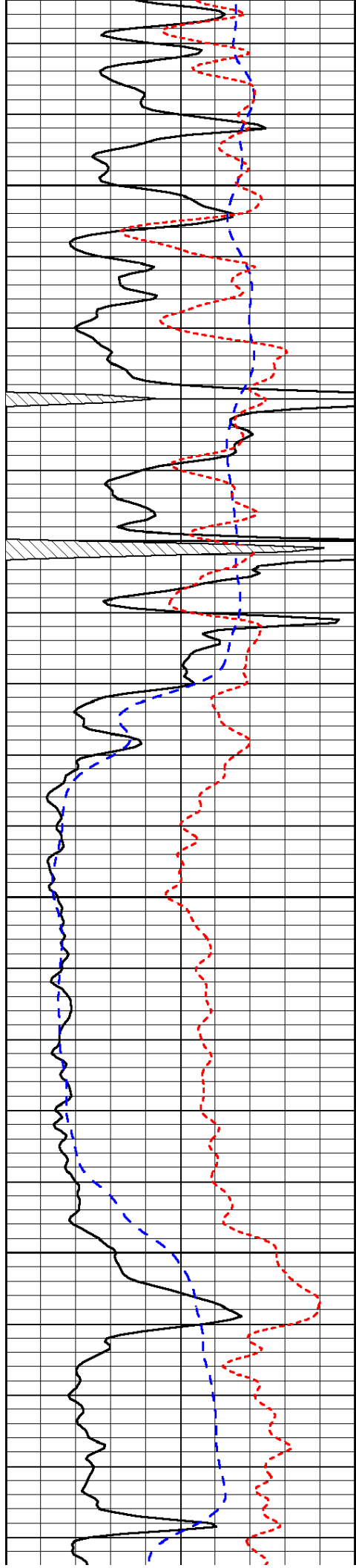


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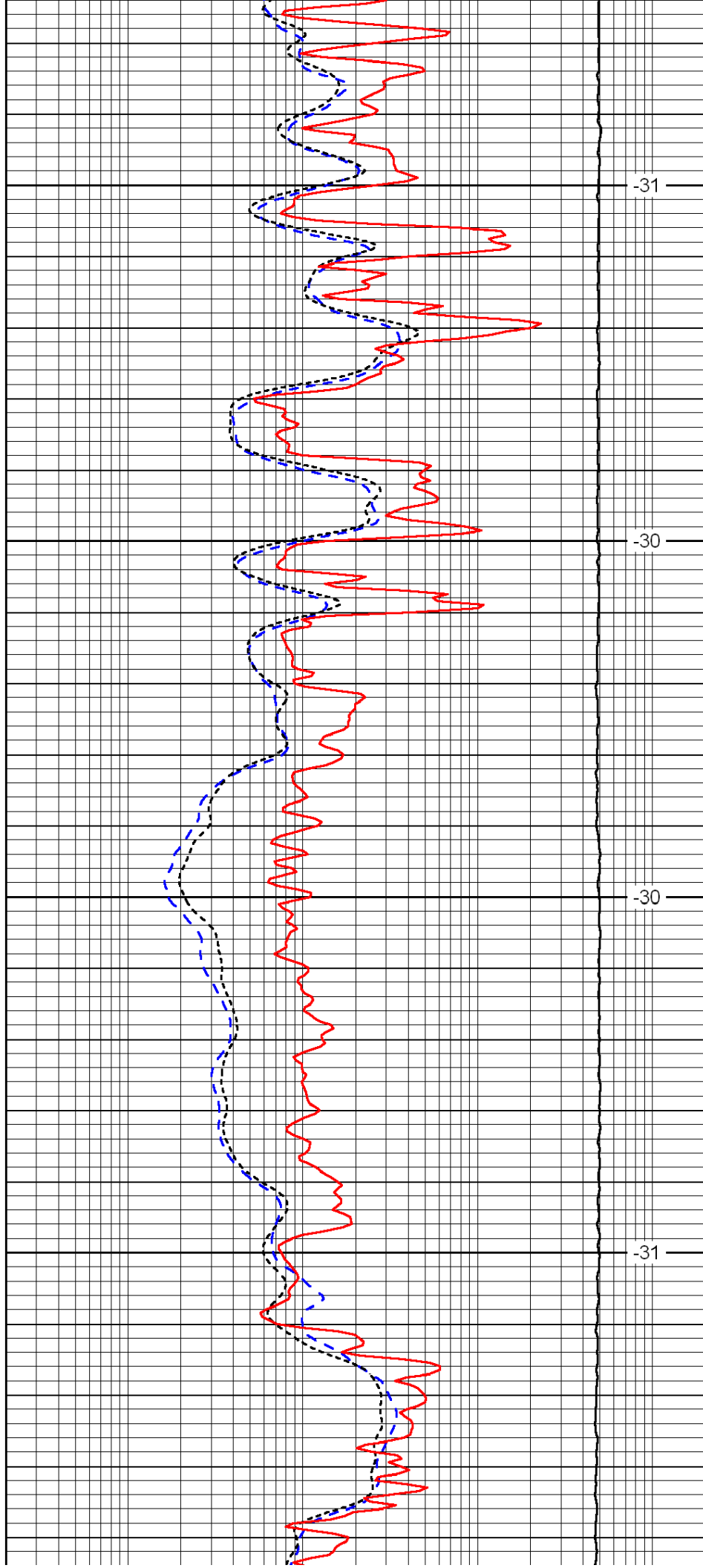


4200

4250

4300

4350

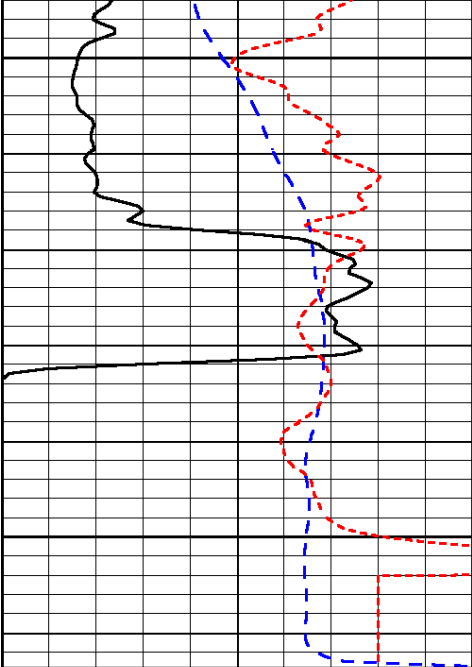


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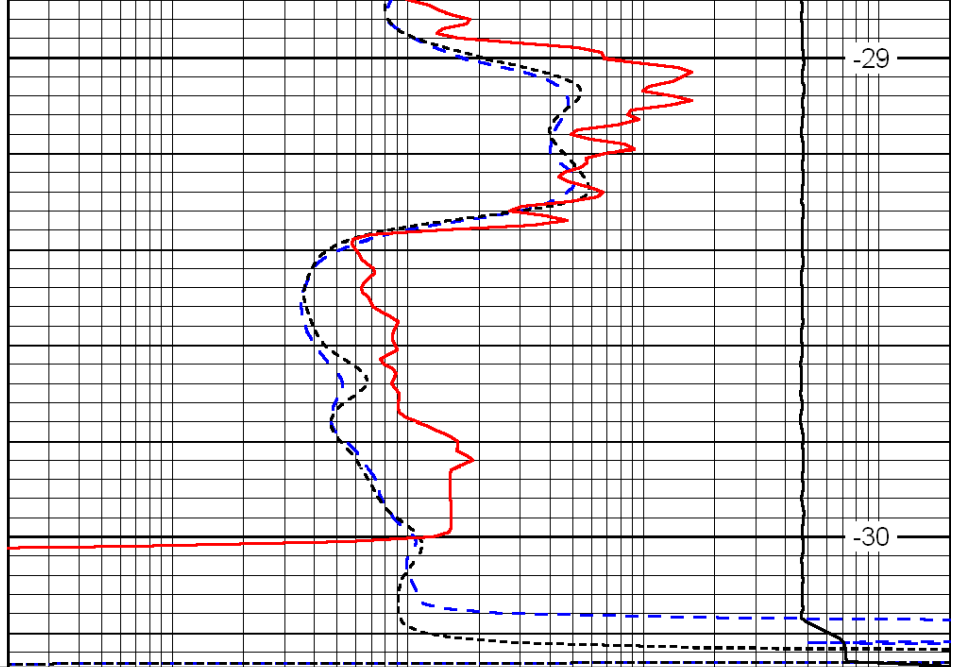
-30

-30

-31



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