

LOG-TECH



DIGITAL LOG (785) 625-3858

Dual Induction Log

API No.	15-109-21081-00-00	
Company	G. L. Allison Oil Operations, Inc.	
Well	Younkin B #21	
Field		
County	Logan	State Kansas
Location	NE SW NE 1670' FNL & 1950' FEL	
Sec: 21	Twp: 12S	Rge: 32W
Permanent Datum	Ground Level	Elevation 3044
Log Measured From	Kelly Bushing	7 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	
		Other Services CNL/CDL
		Elevation K.B. 3051 D.F. 3044 G.L. 3044

Date	5/27/2012
Run Number	One
Depth Driller	4735
Depth Logger	4736
Bottom Logged Interval	4735
Top Log Interval	250
Casing Driller	8.625 @ 262
Casing Logger	260
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	1000
Density / Viscosity	9.4 55
pH / Fluid Loss	10.0 9.4
Source of Sample	Flowline
Rm @ Meas. Temp	1.0 @ 72
Rmf @ Meas. Temp	0.75 @ 72
Rmc @ Meas. Temp	1.35 @ 72
Source of Rmf / Rmc	Charts
Rm @ BHT	0.57 @ 125
Operating Rig Time	3 Hours
Max Rec. Temp. F	125
Equipment Number	91
Location	Hays
Recorded By	D. Schmidt
Witnessed By	Greg Allison

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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

 Oakley,
 9 S on Hwy 83 to Ute Rd, 1 W, 1/2 N,
 W into

Database File: allison_052712hd.db
 Dataset Pathname: dil/glastack
 Presentation Format: dil2in
 Dataset Creation: Sun May 27 20:45:44 2012
 Charted by: Depth in Feet scaled 1:600

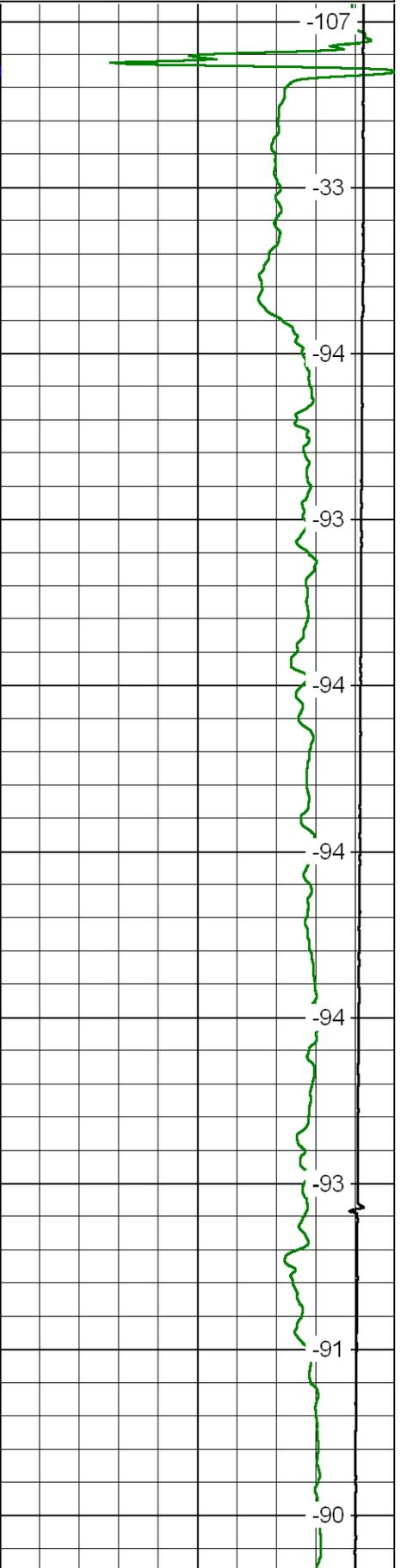
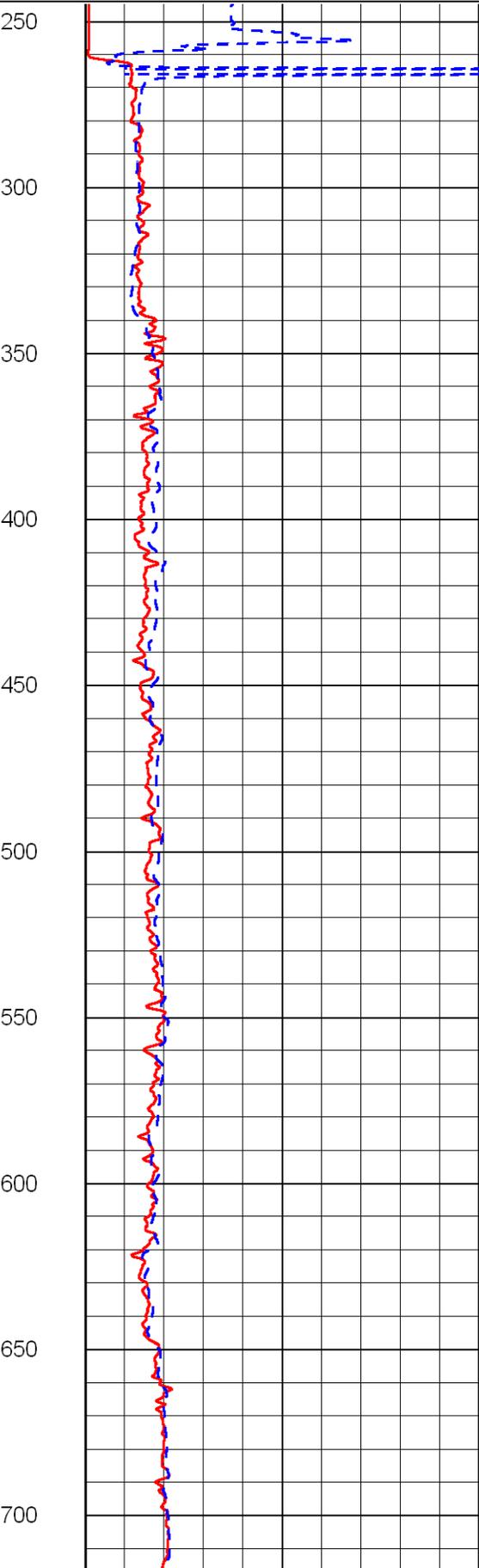
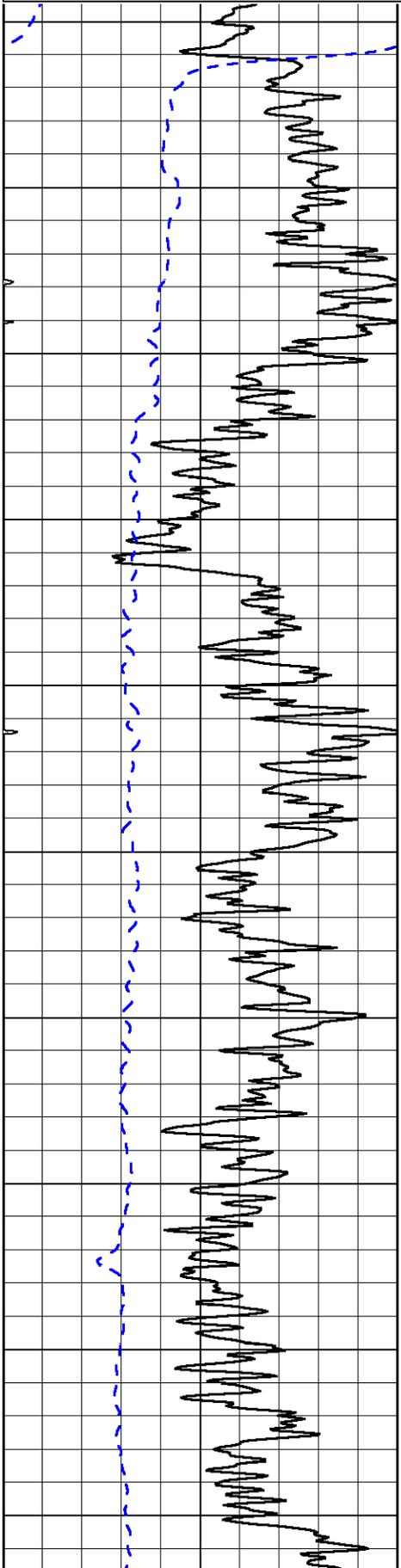
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-200	SP	0

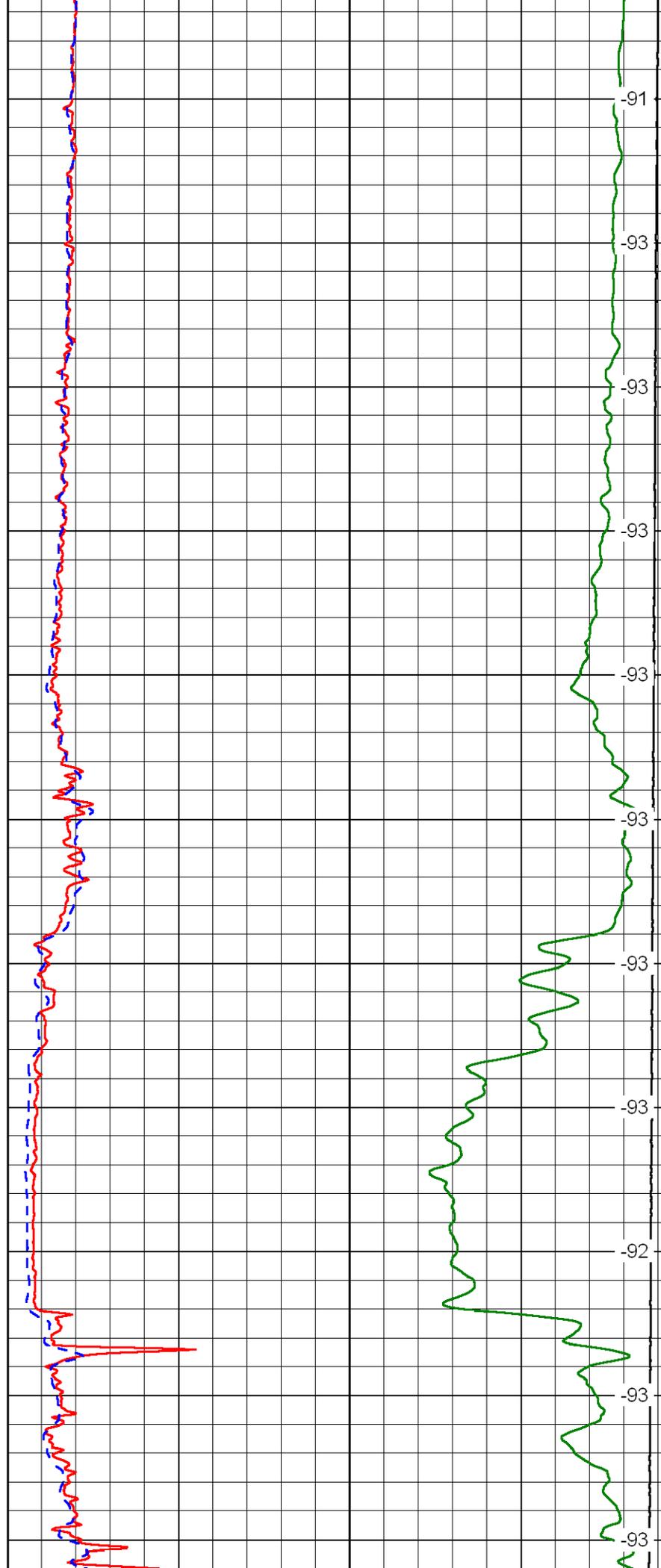
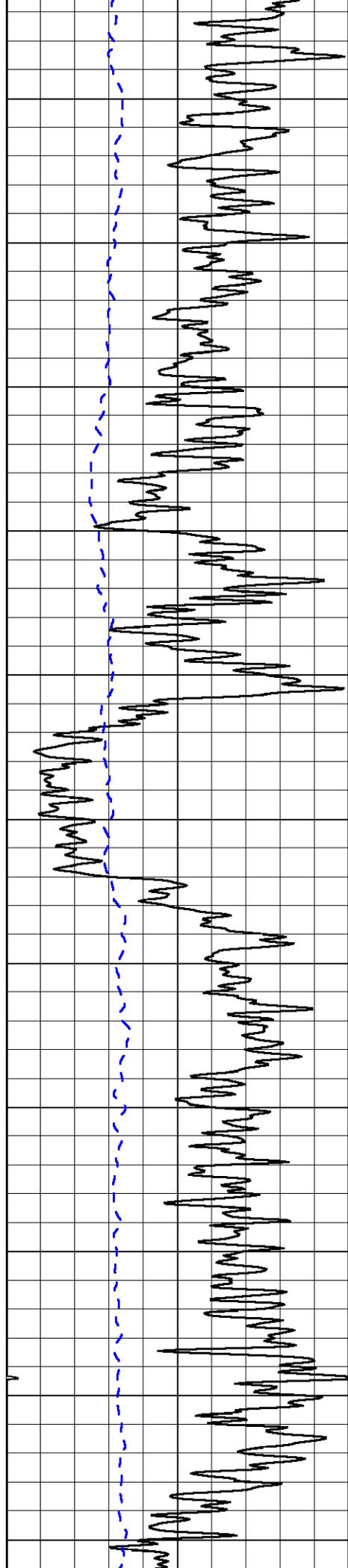
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0	Deep Resistivity	50

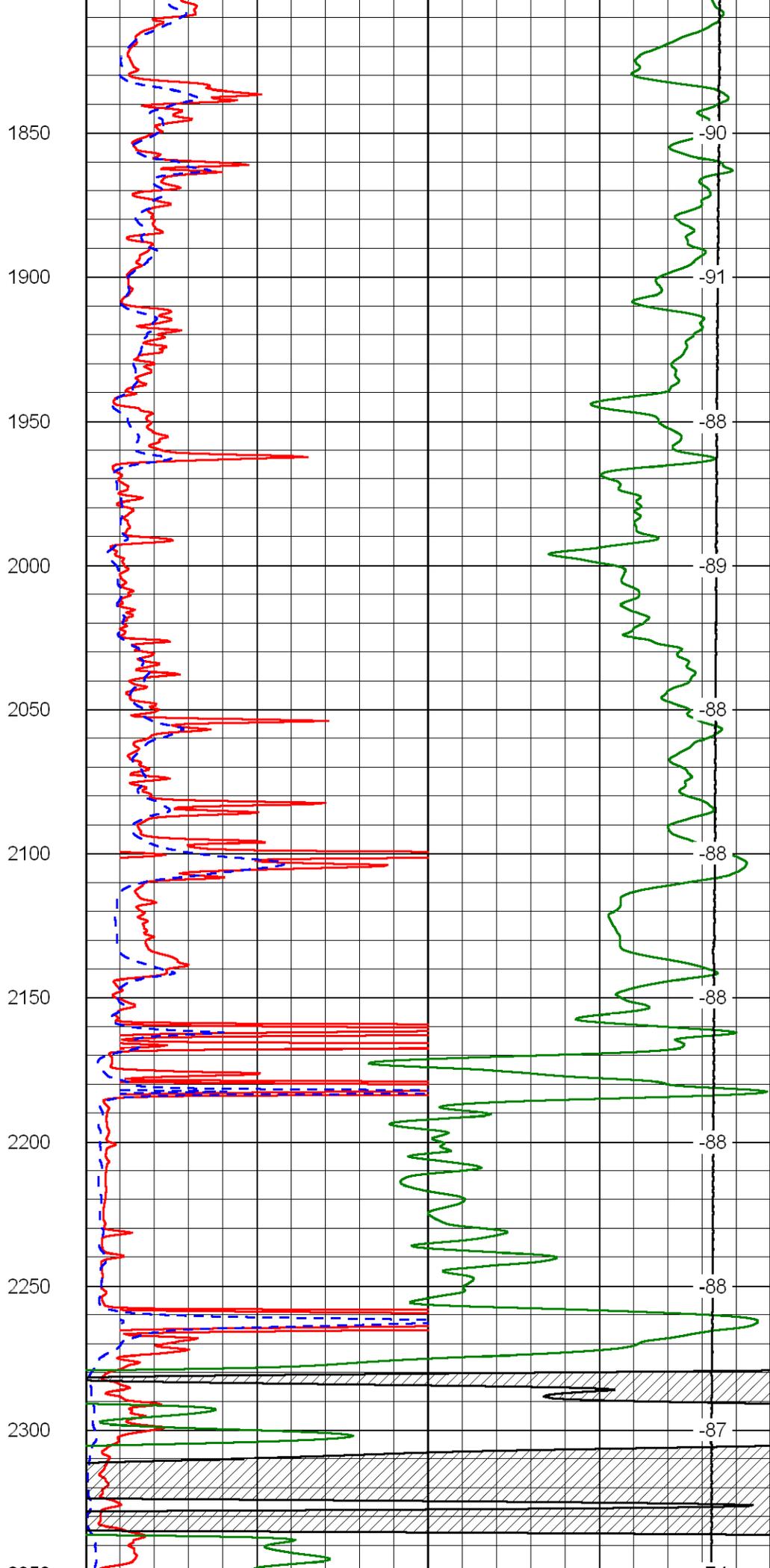
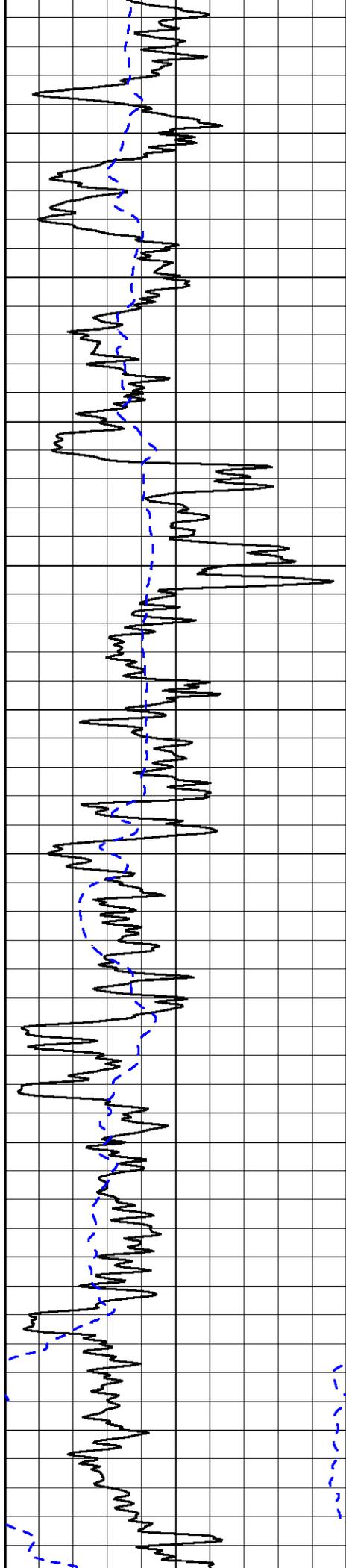
LSPD

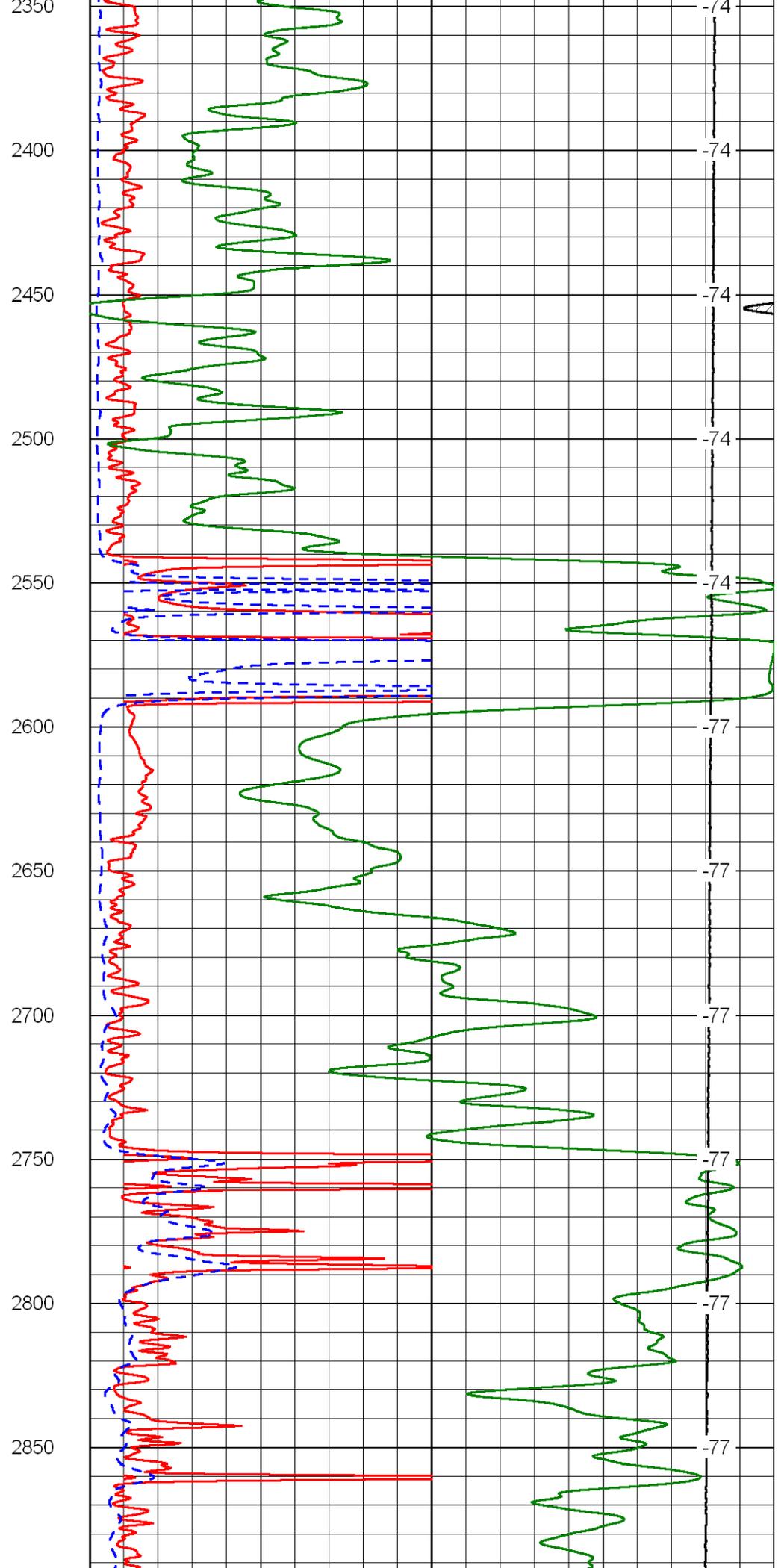
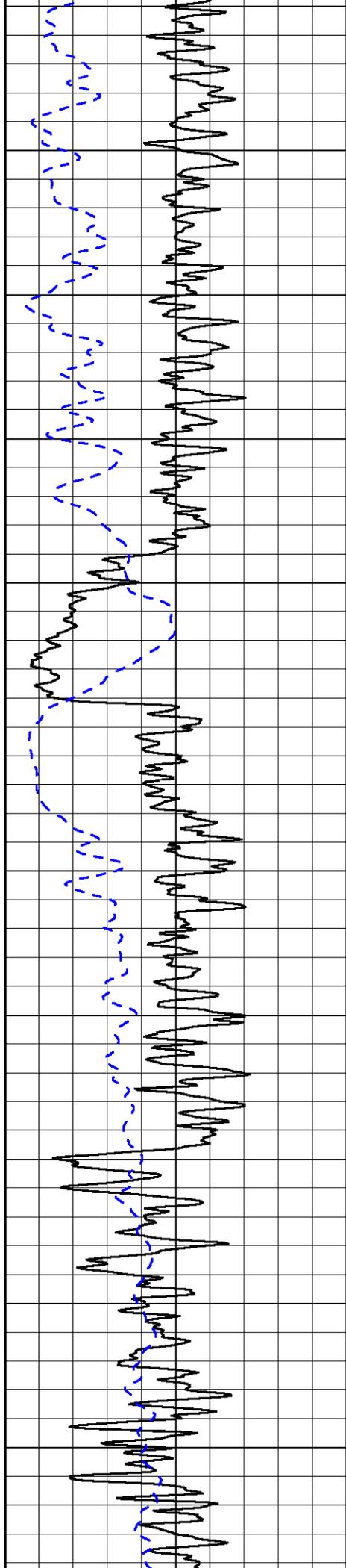
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15000	Line Tension	0

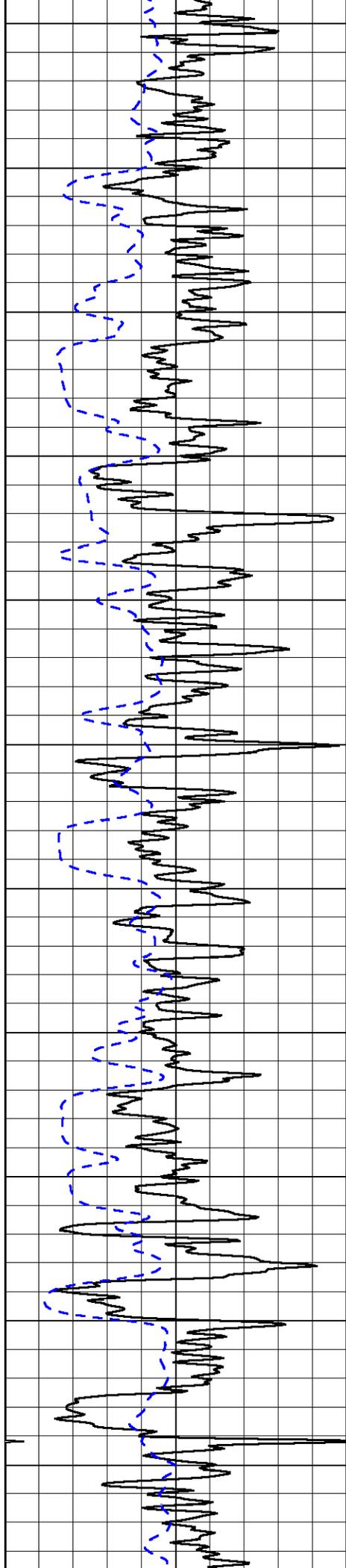
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50	Deep Resistivity	500



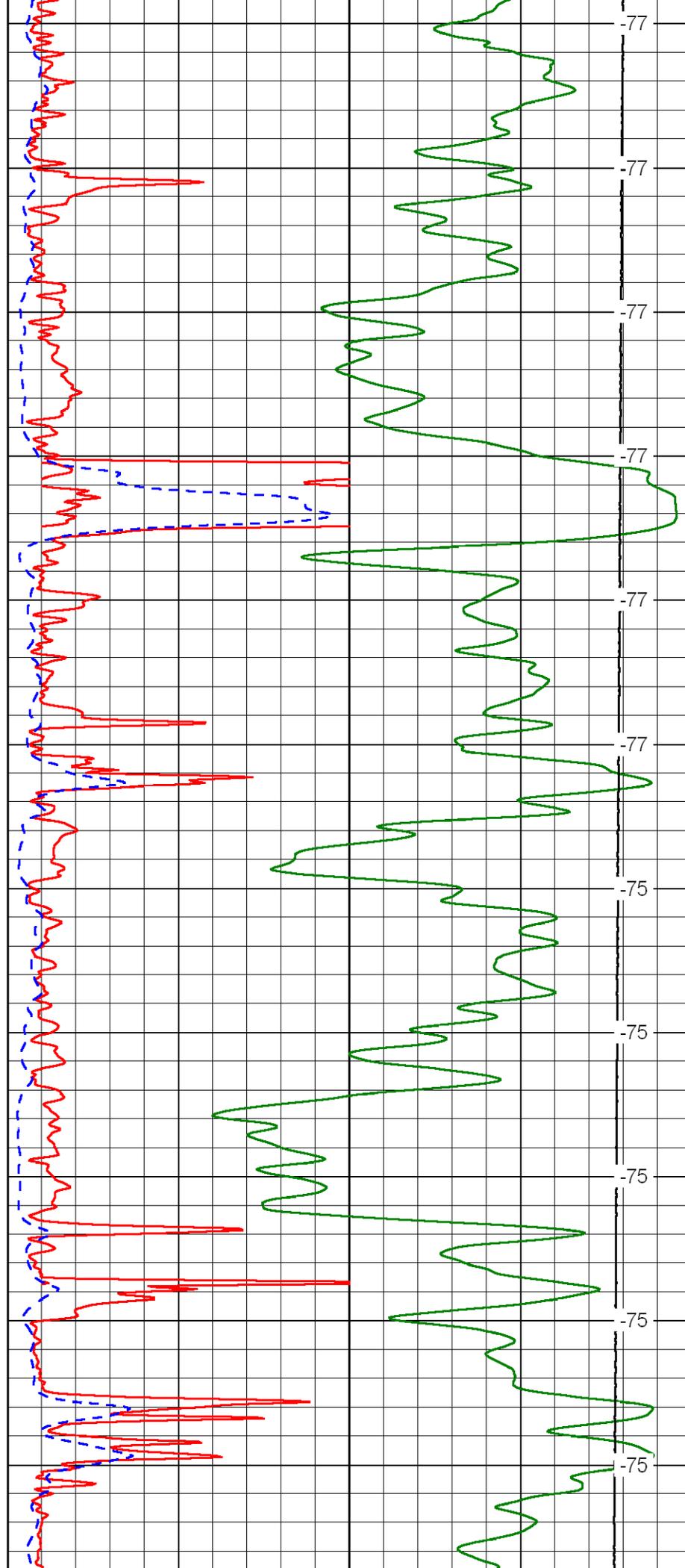




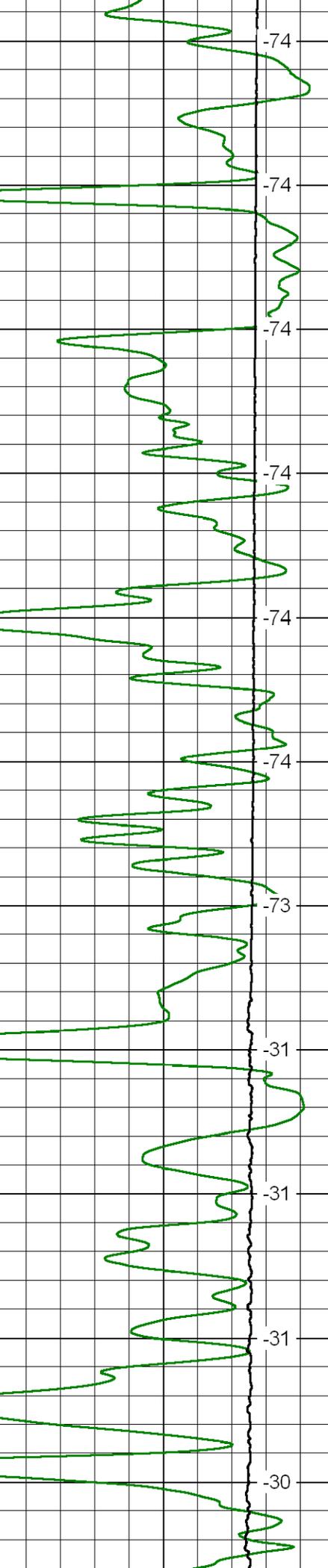
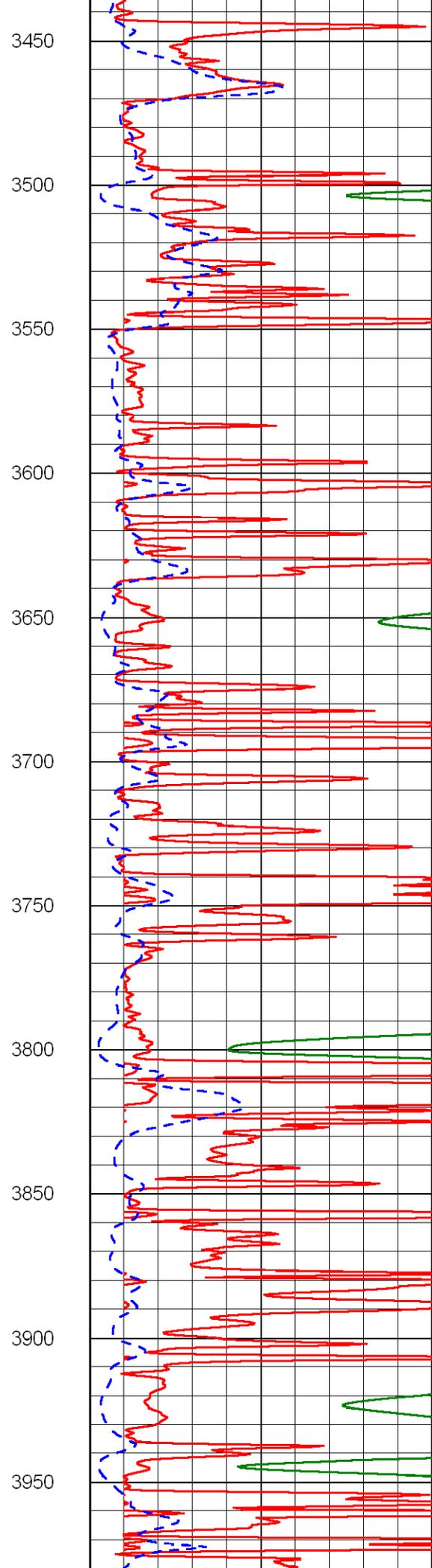
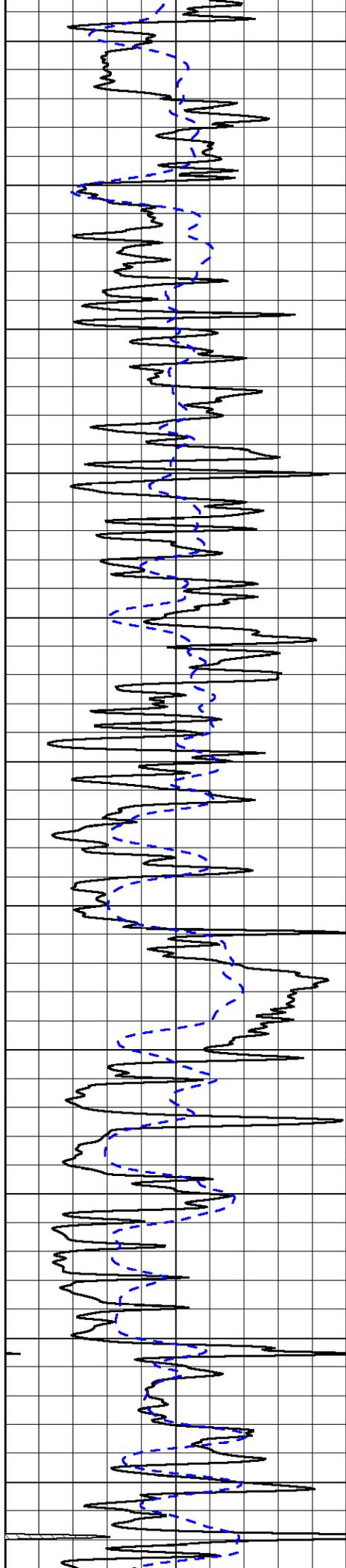


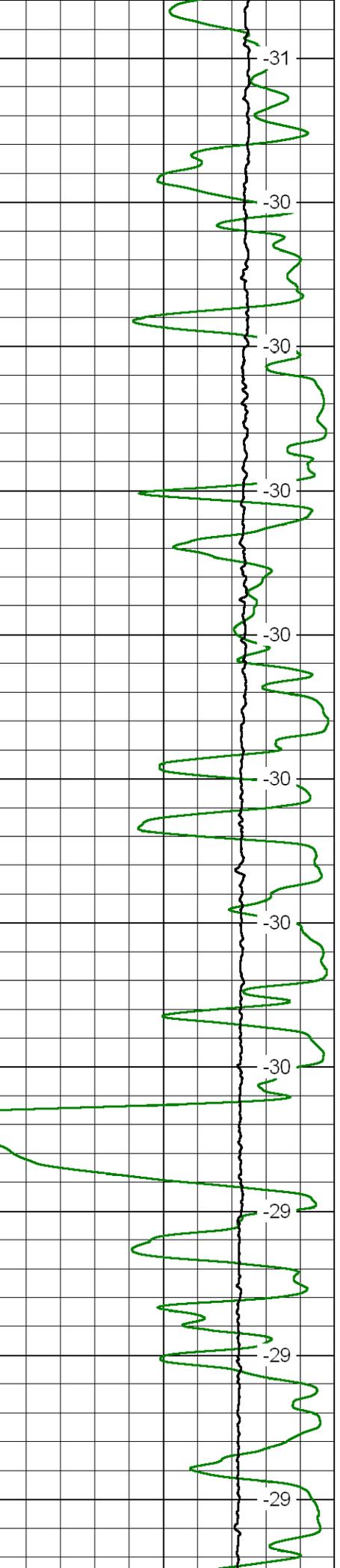
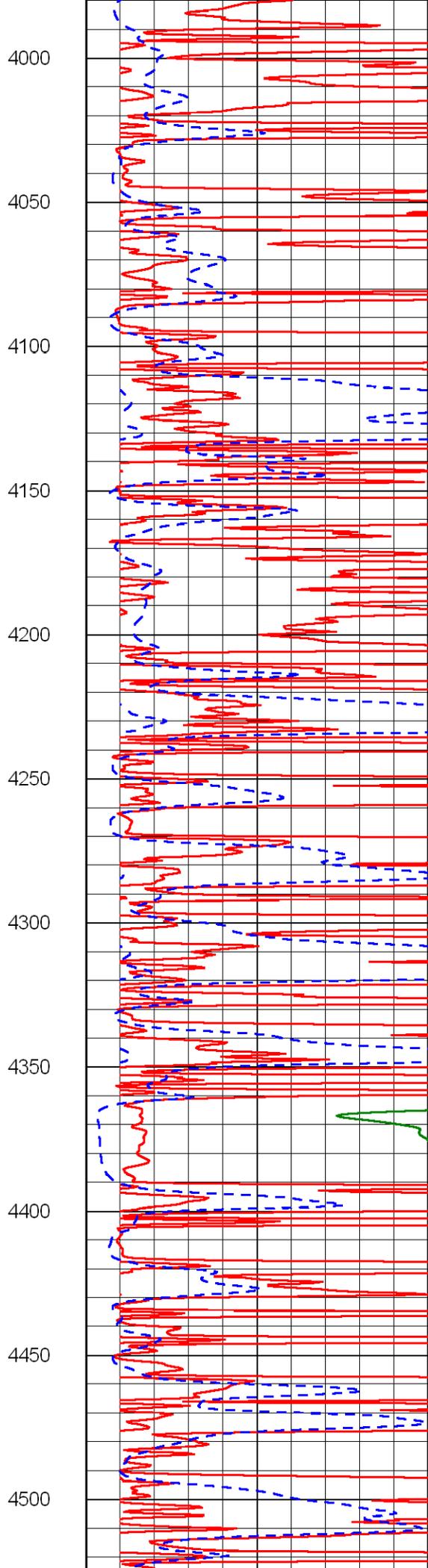
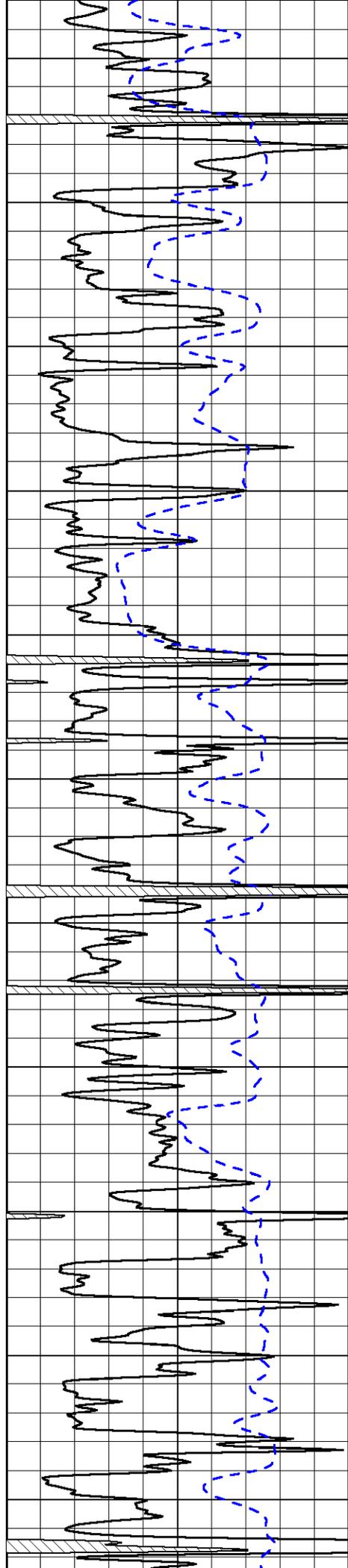


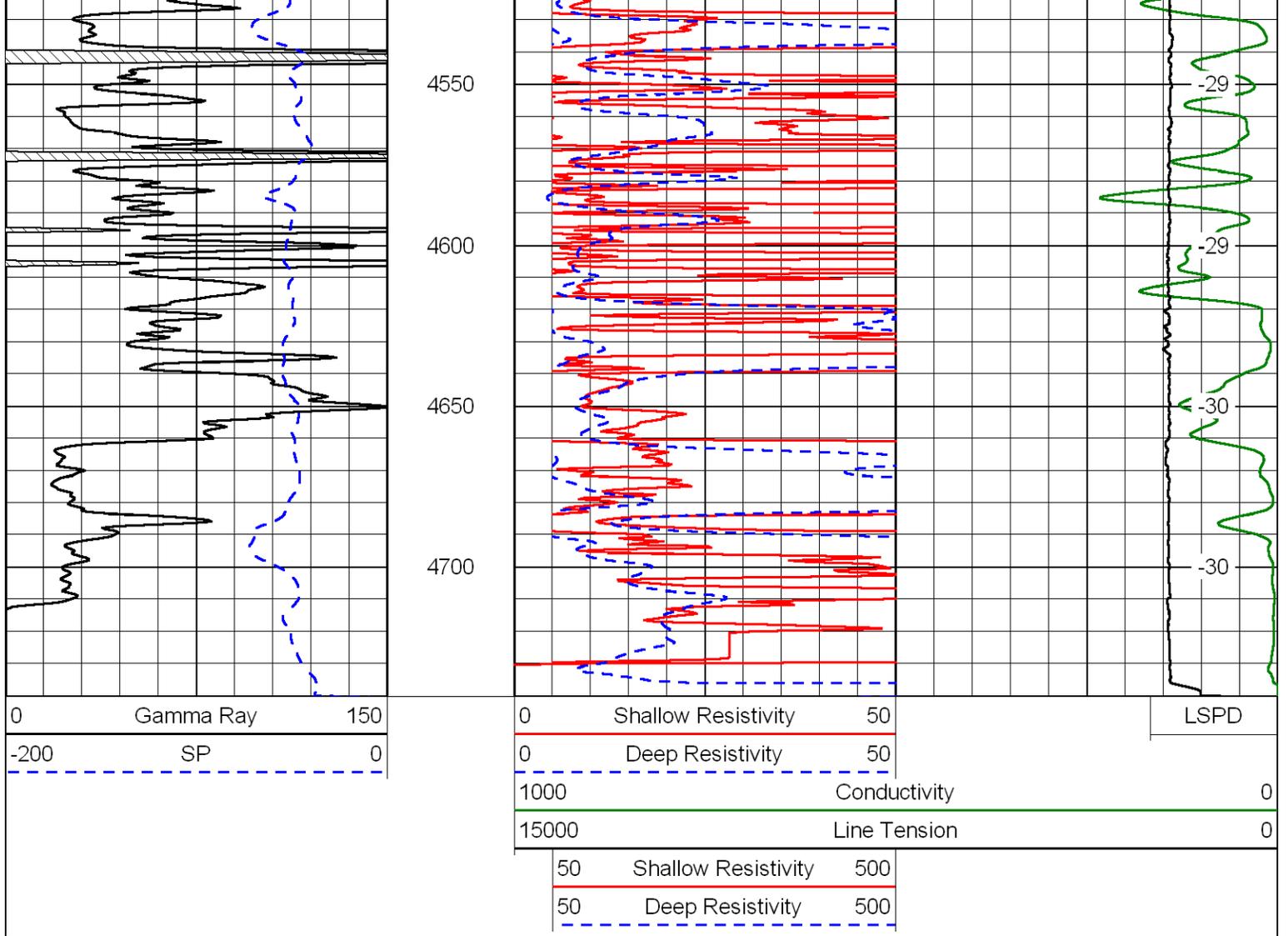
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3300
3350
3400



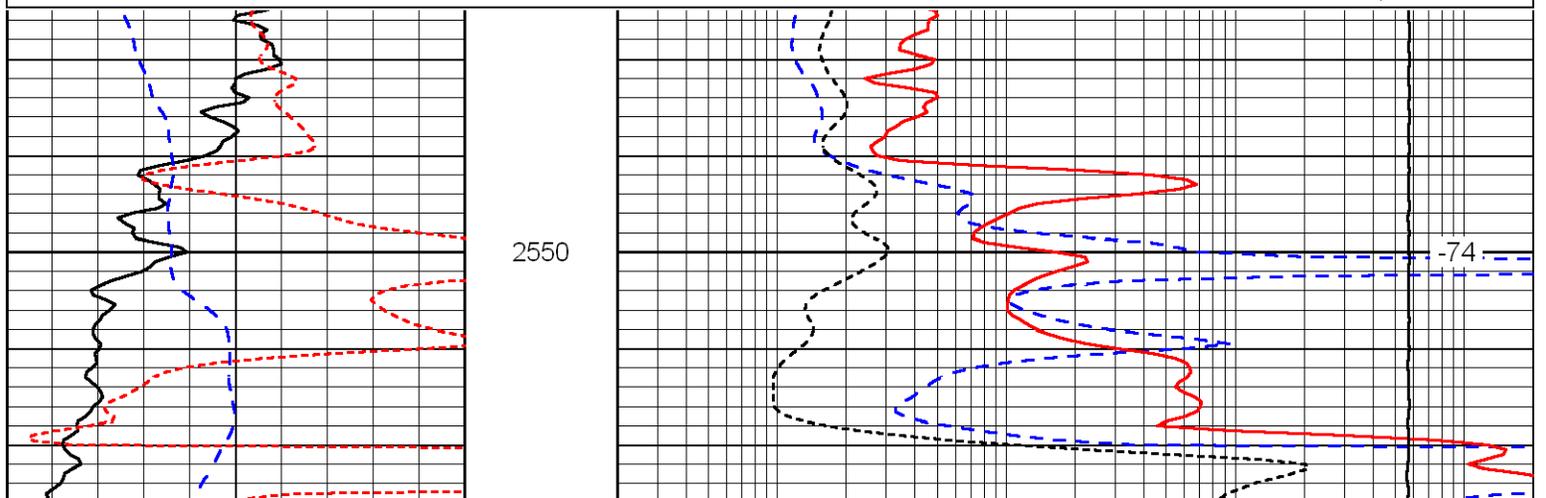
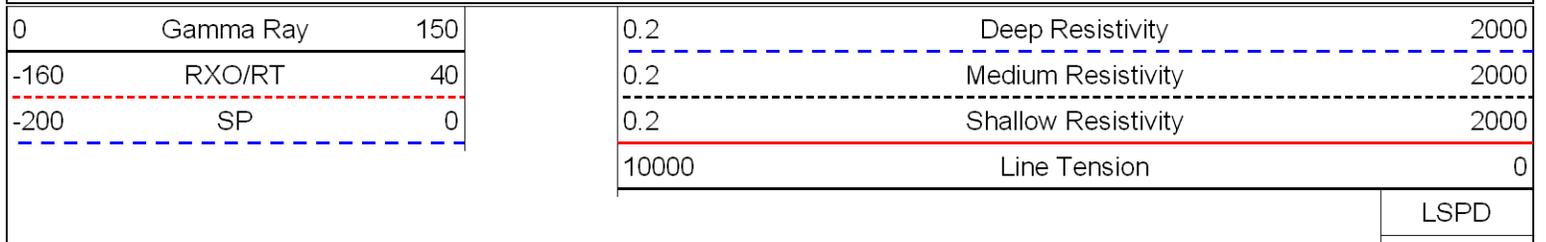
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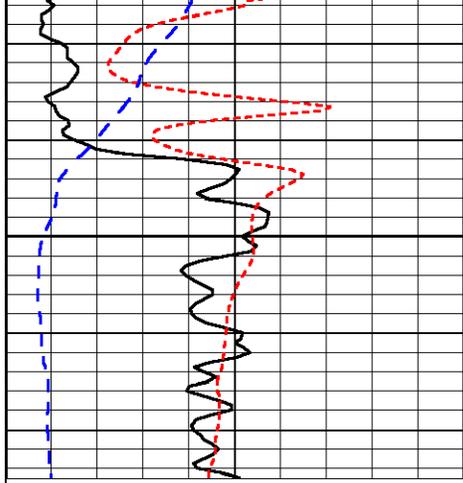






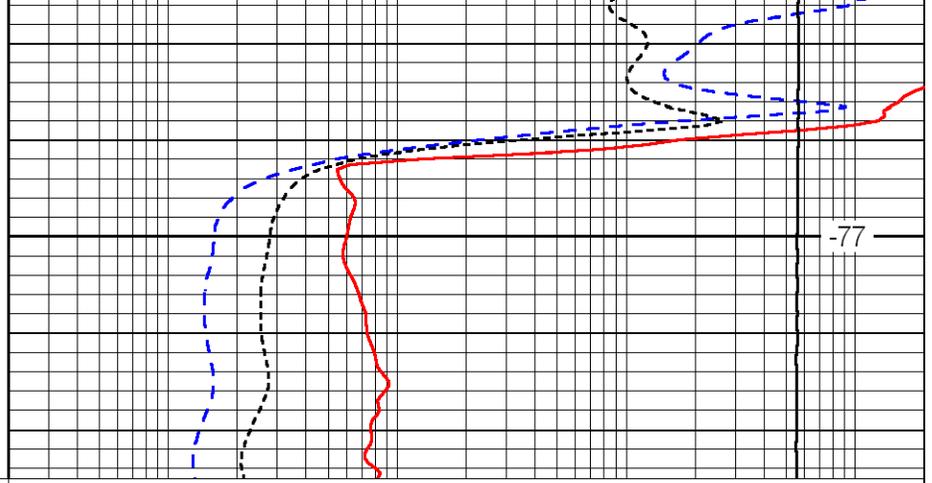
Database File: allison_052712hd.db
 Dataset Pathname: dil/glastack
 Presentation Format: dil
 Dataset Creation: Sun May 27 20:45:44 2012
 Charted by: Depth in Feet scaled 1:240





0	Gamma Ray	150
-160	RXO/RT	40
-200	SP	0

2600



0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

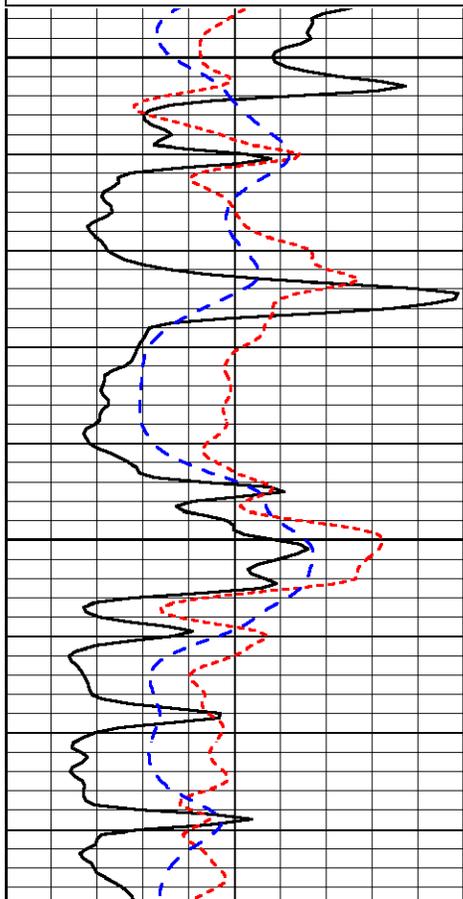
LSPD

Database File: allison_052712hd.db
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 Dataset Creation: Sun May 27 20:45:44 2012
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0	Gamma Ray	150
-160	RXO/RT	40
-200	SP	0

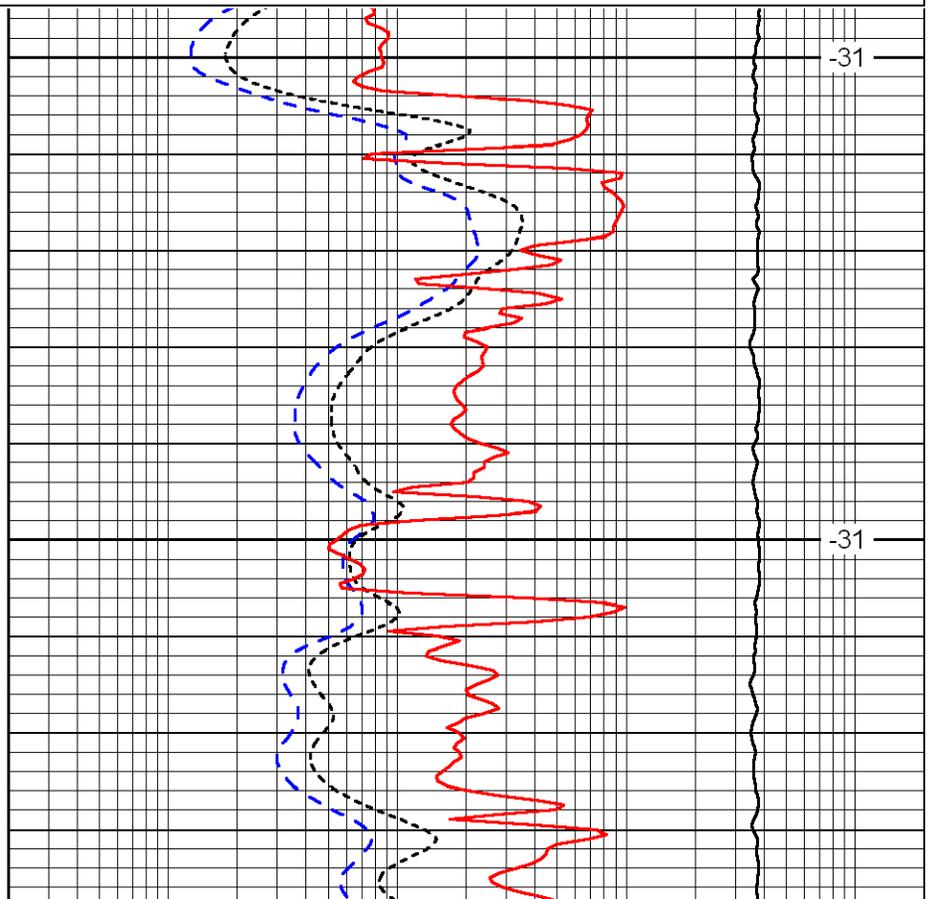
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0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

LSPD



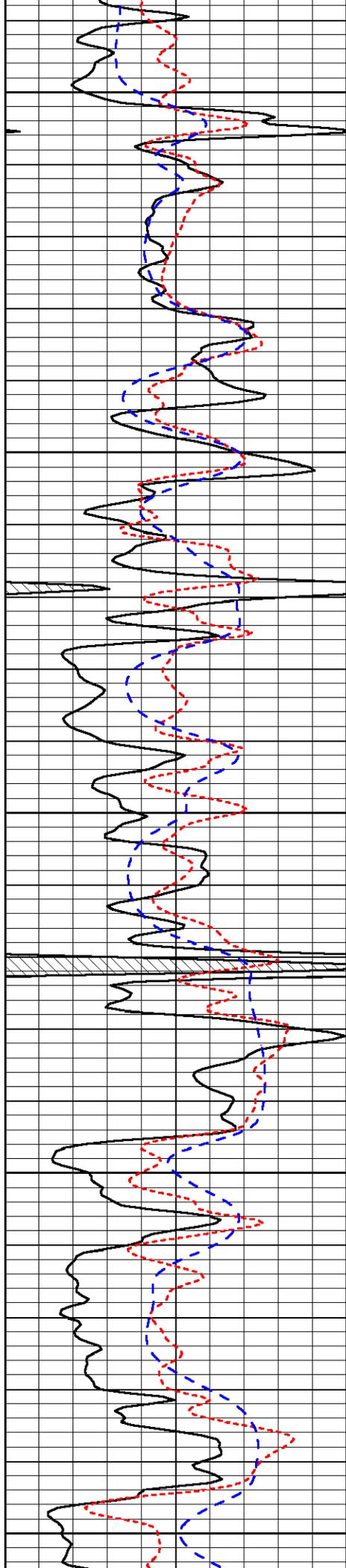
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3850



-31

-31



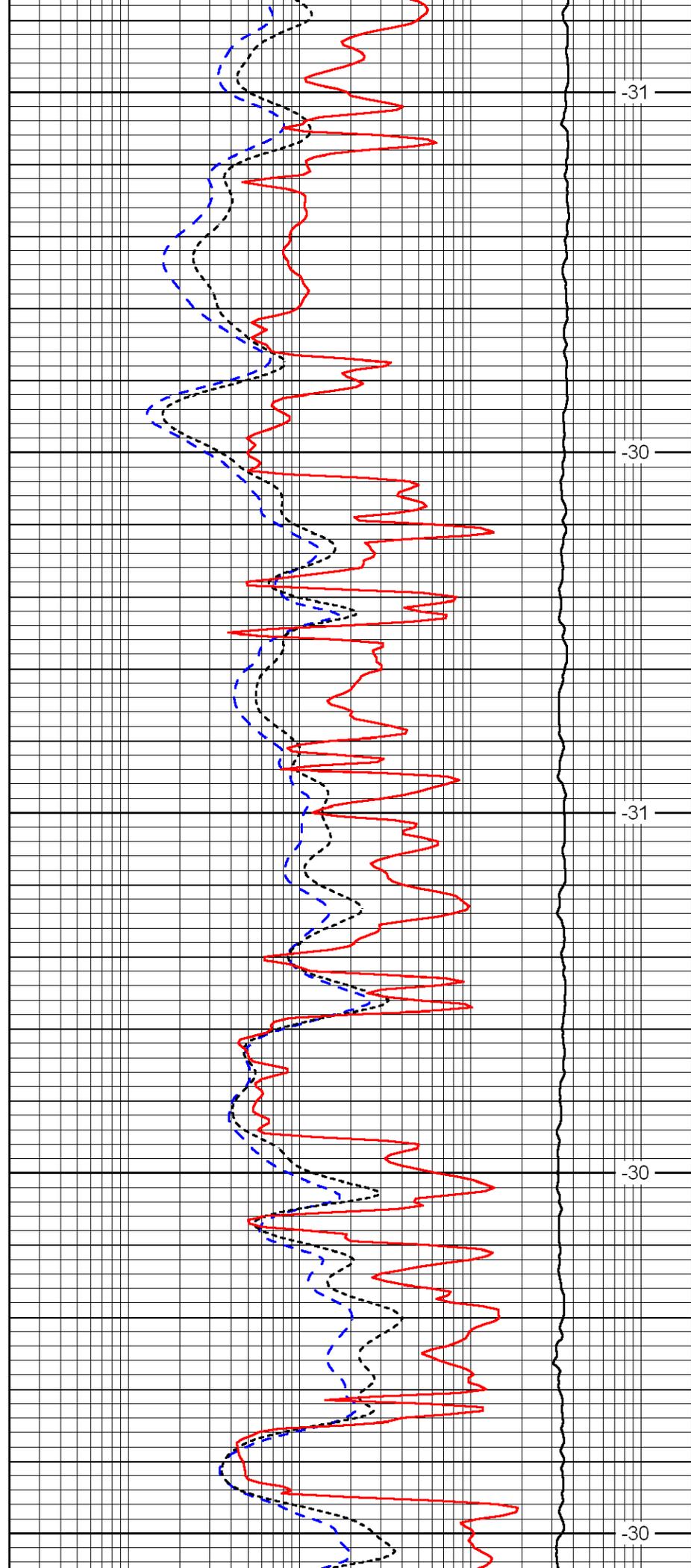
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3950

4000

4050

4100



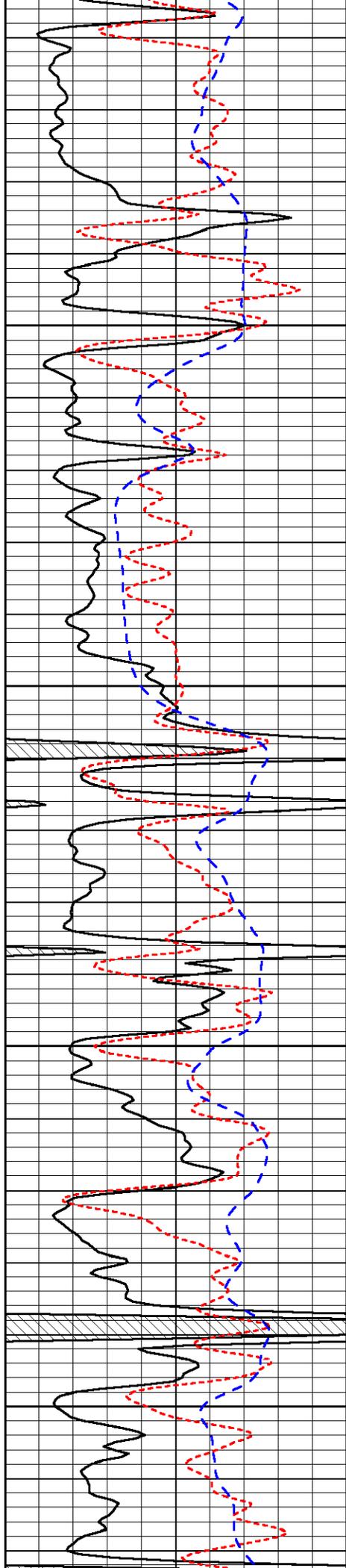
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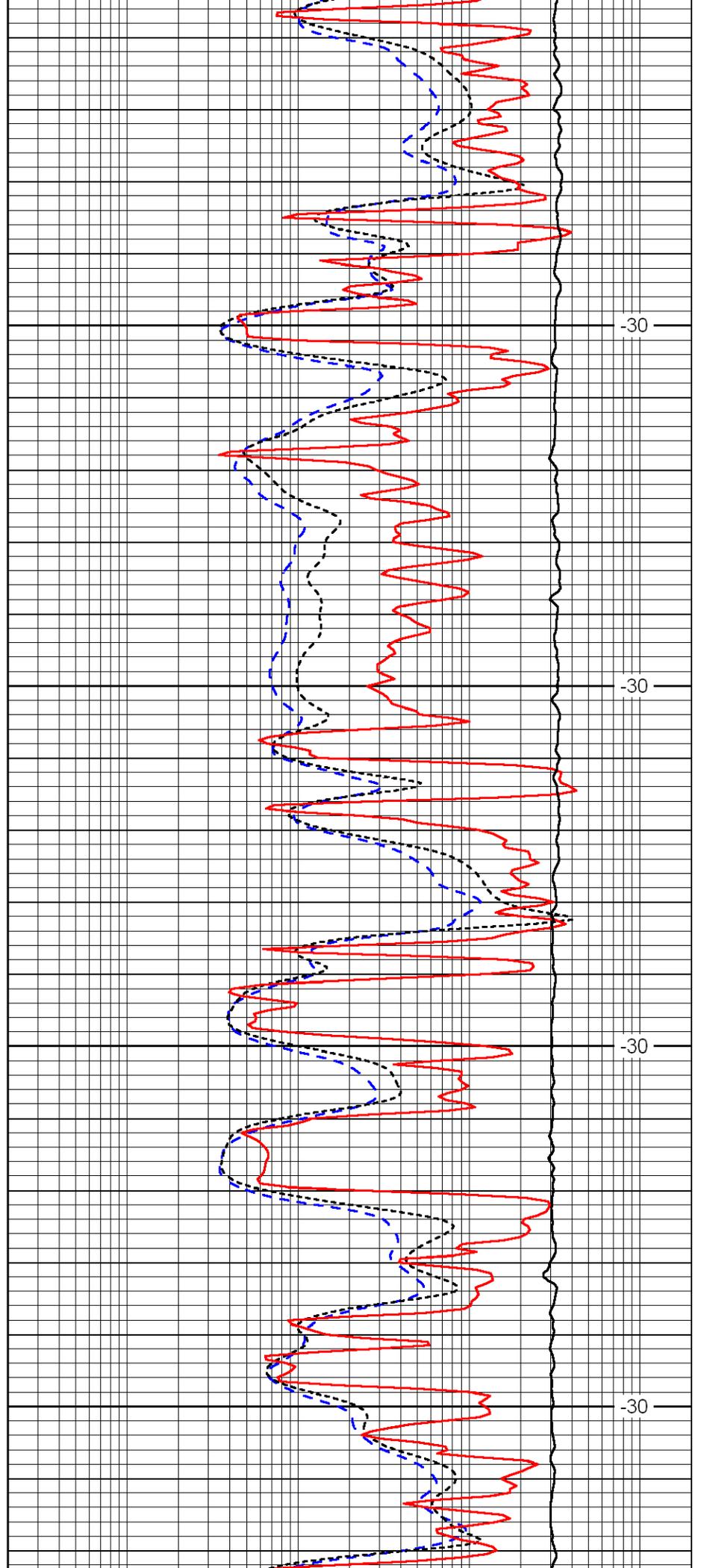


4150

4200

4250

4300

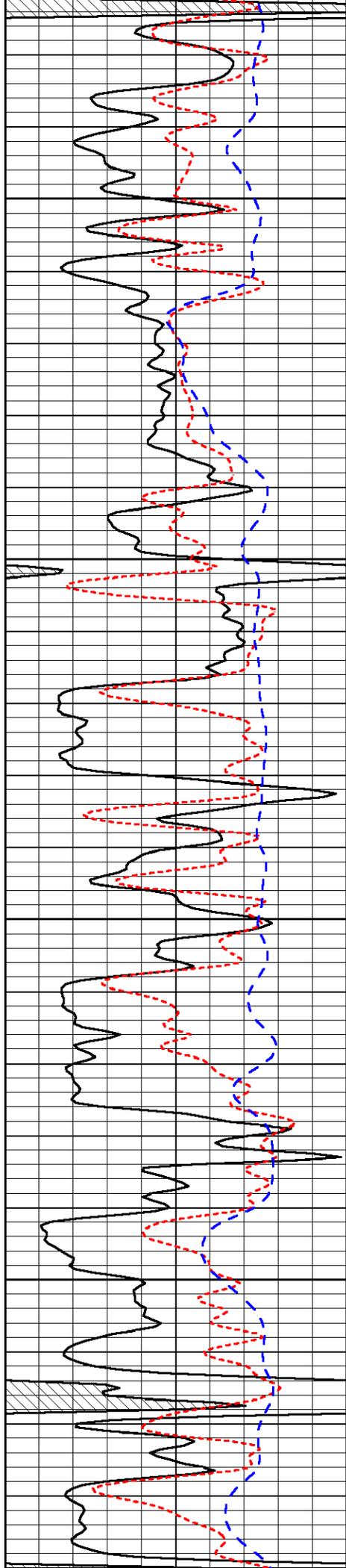


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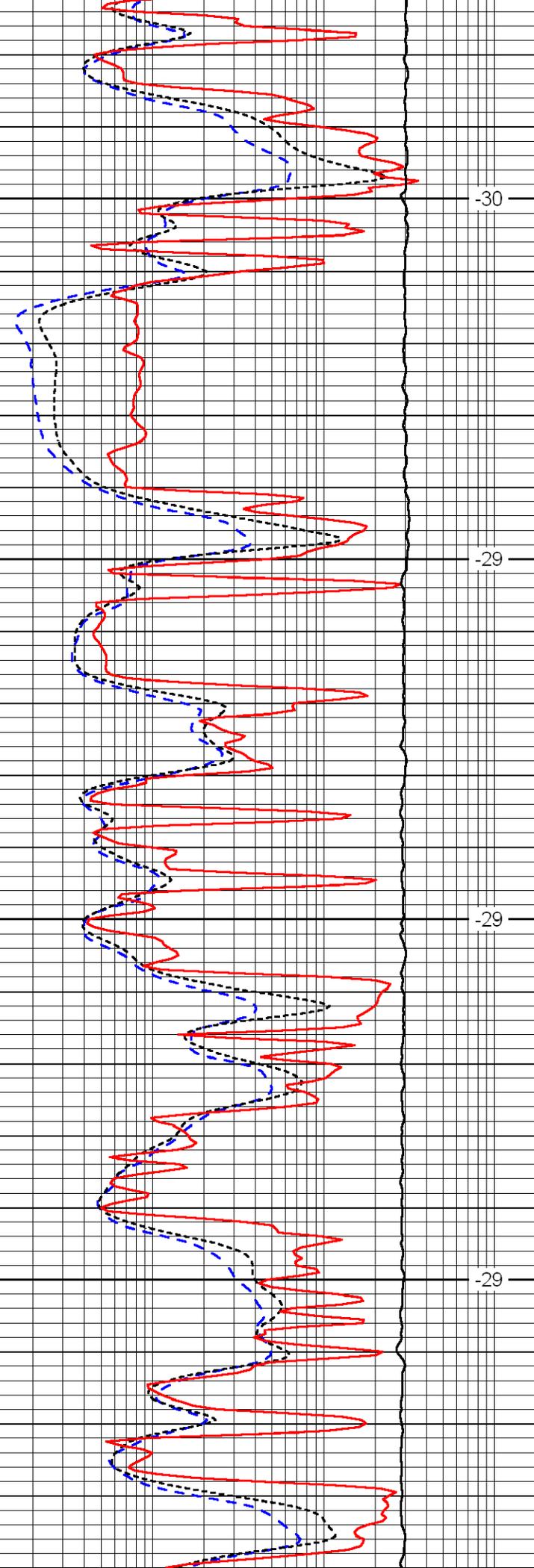


4350

4400

4450

4500

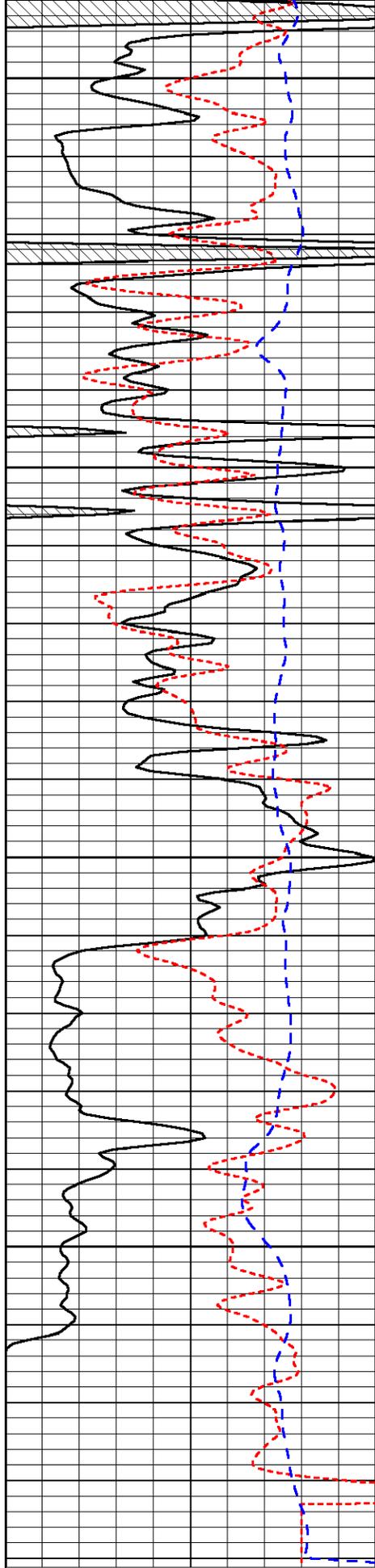


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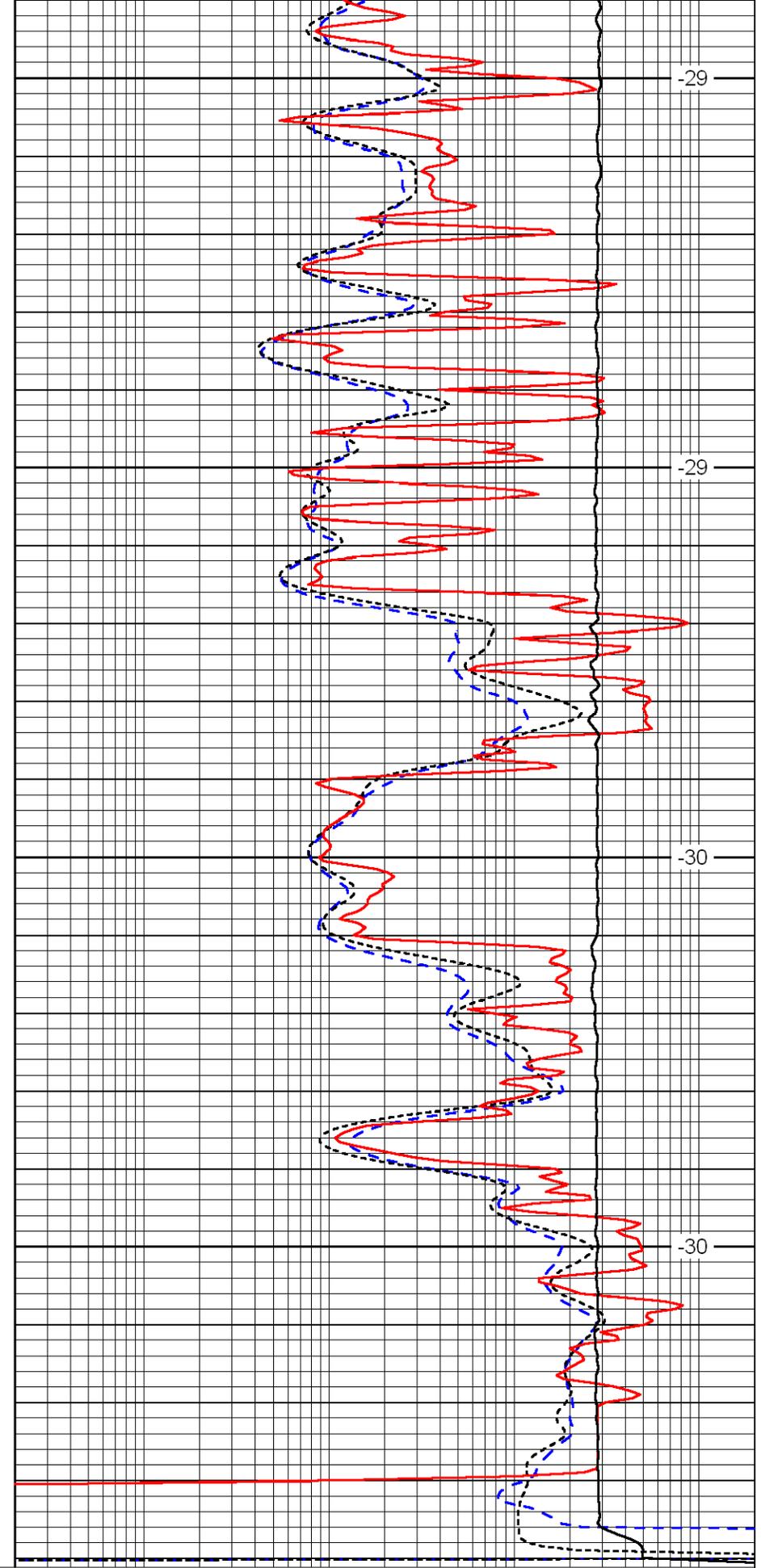
-29

-29



4550
4600
4650
4700

0	Gamma Ray	150
-160	RXO/RT	40
-200	SP	0



-29
-29
-30
-30

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

10000

Line Tension

0

LSPD