



Pioneer Energy Services

Dual Induction Log

API No.	Company Molitor Oil, Inc.		
15-095-22289-00-00	Well Bohrer #4		
	Field Willowdale Southeast		
	County Kingman	State	Kansas
	Location W2 NE SE NE 1650' FNL / 600' FEL	Other Services CNL / CDL MEL	
	Sec: 25	Twp: 29S	Rge: 9W
Permanent Datum	Ground Level	Elevation 1654	
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing	K.B. 1664 D.F. 1654 G.L. 1654	
Date	9/12/2014		
Run Number	One		
Depth Driller	4635		
Depth Logger	4636		
Bottom Logged Interval	4635		
Top Log Interval	200		
Casing Driller	8.625 @ 221		
Casing Logger	216		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	6500		
Density / Viscosity	9.4 43		
pH / Fluid Loss	9.0 10.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	0.55 @ 62		
Rmf @ Meas. Temp	0.41 @ 62		
Rmc @ Meas. Temp	0.74 @ 62		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.28 @ 122		
Operating Rig Time	5 Hours		
Max Rec. Temp. F	122		
Equipment Number	15		
Location	Hays		
Recorded By	R. Barnhart		
Witnessed By	Max Lovely		

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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

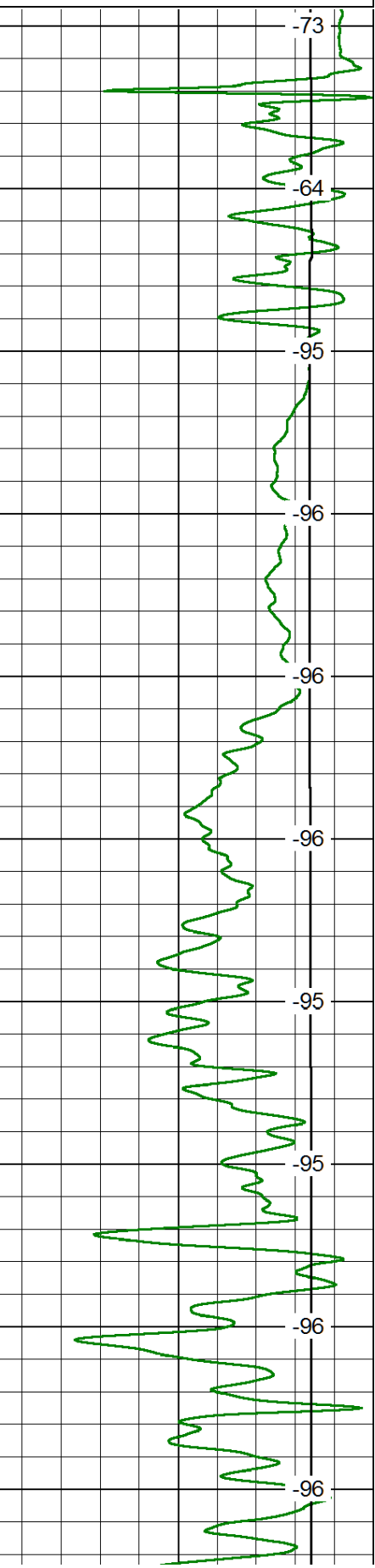
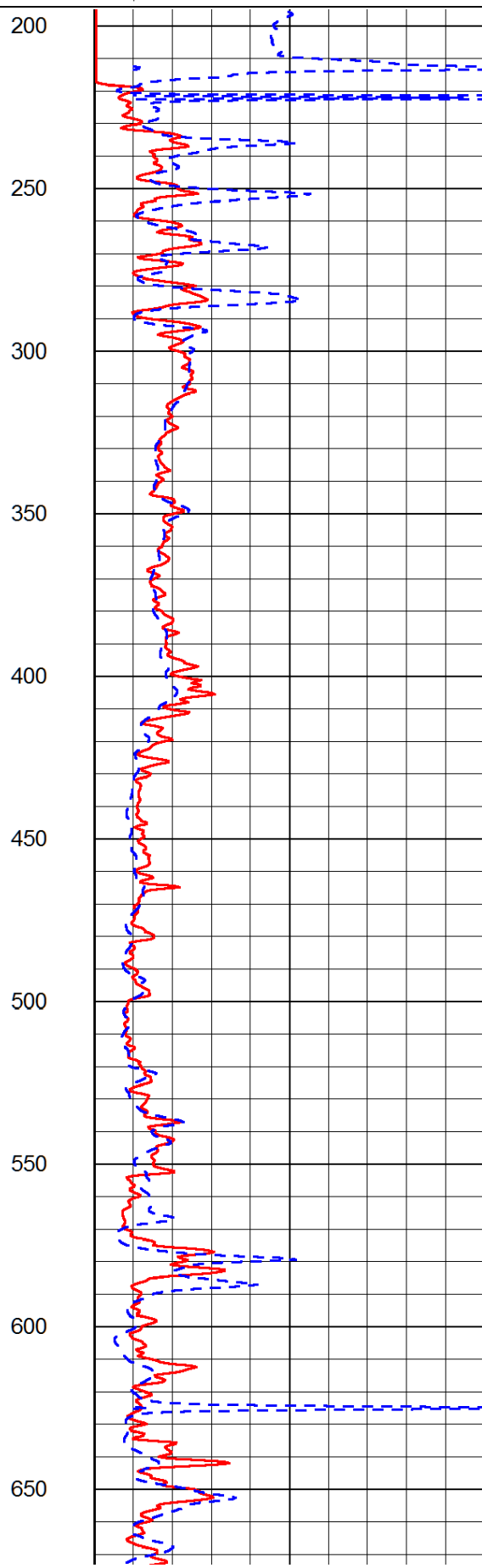
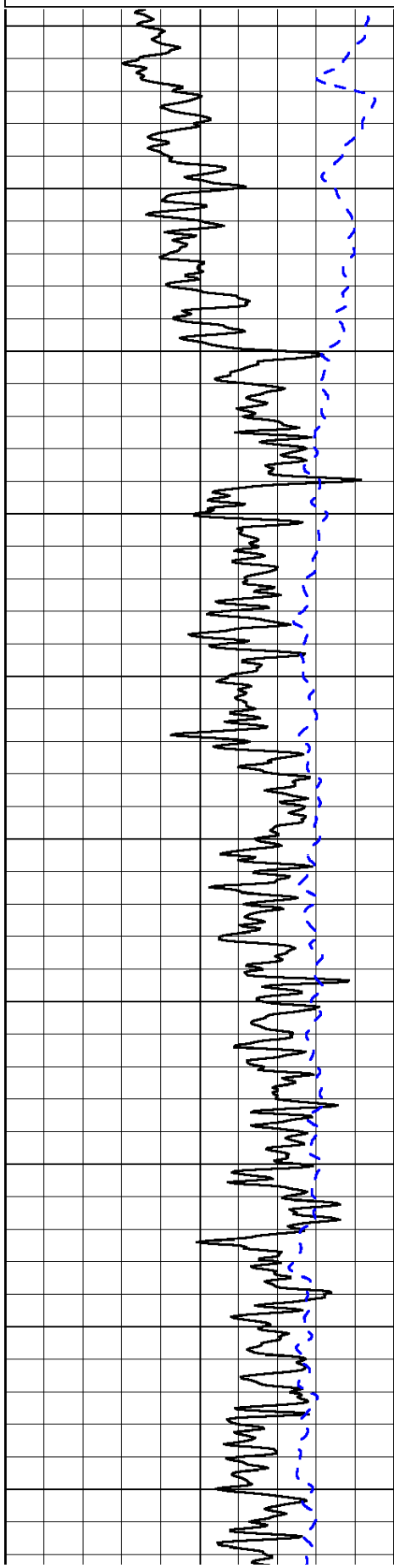
Cunningham, KS:
Zenda Blktop: 10S to 100 Rd., 2E, 1/2S, W into

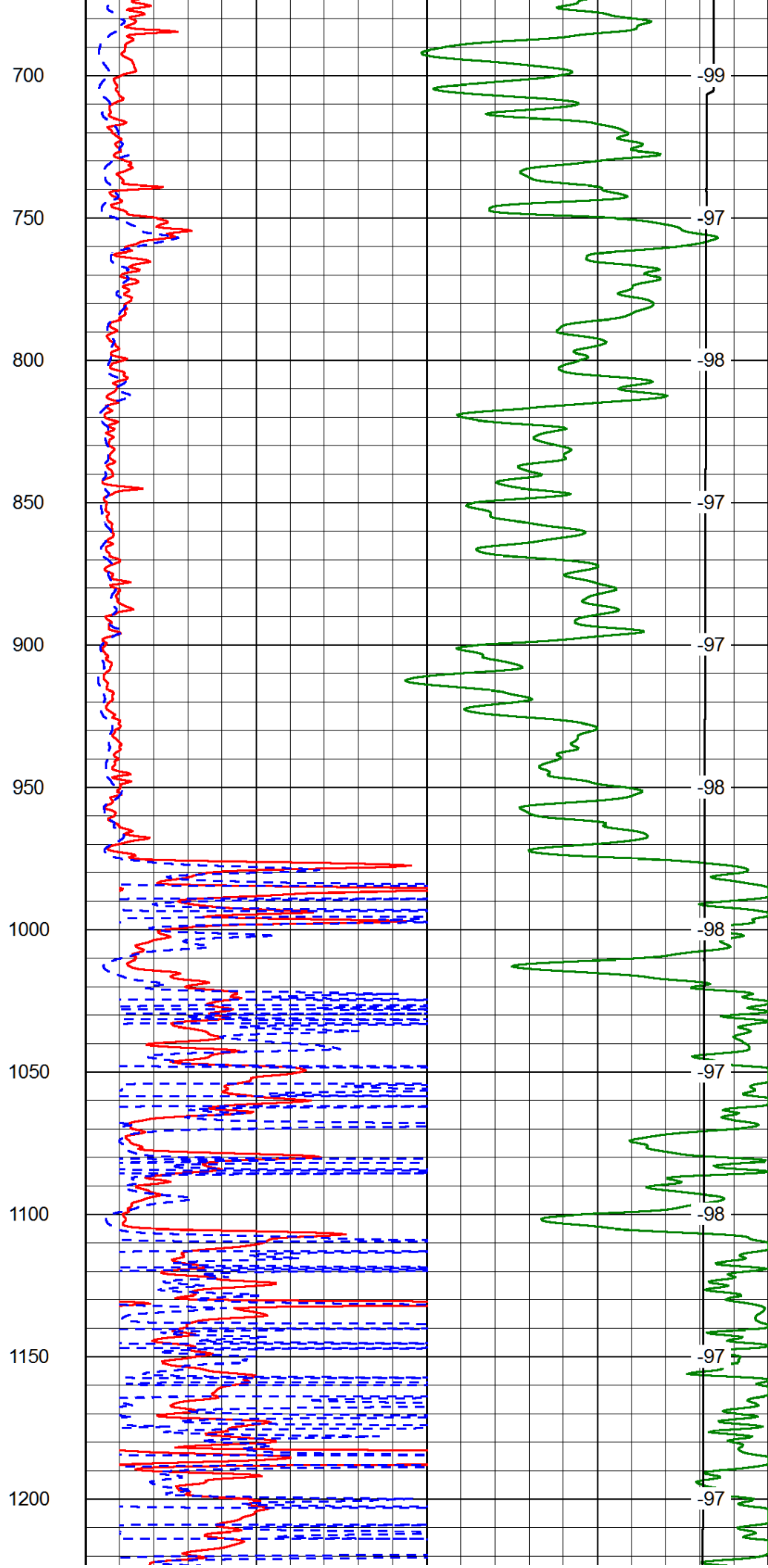
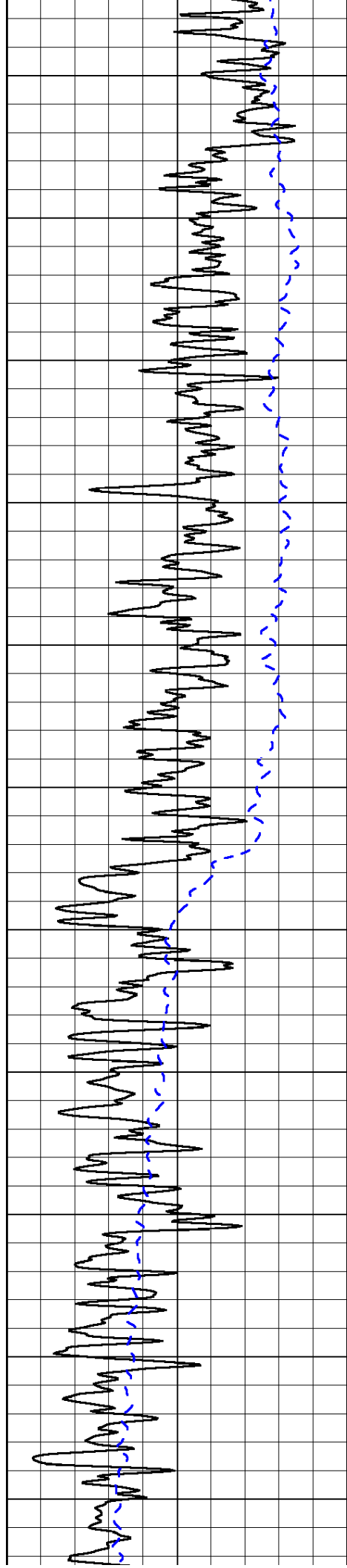
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Presentation Format: dil2in
Dataset Creation: Fri Sep 12 03:29:47 2014
Charted by: Depth in Feet scaled 1:600

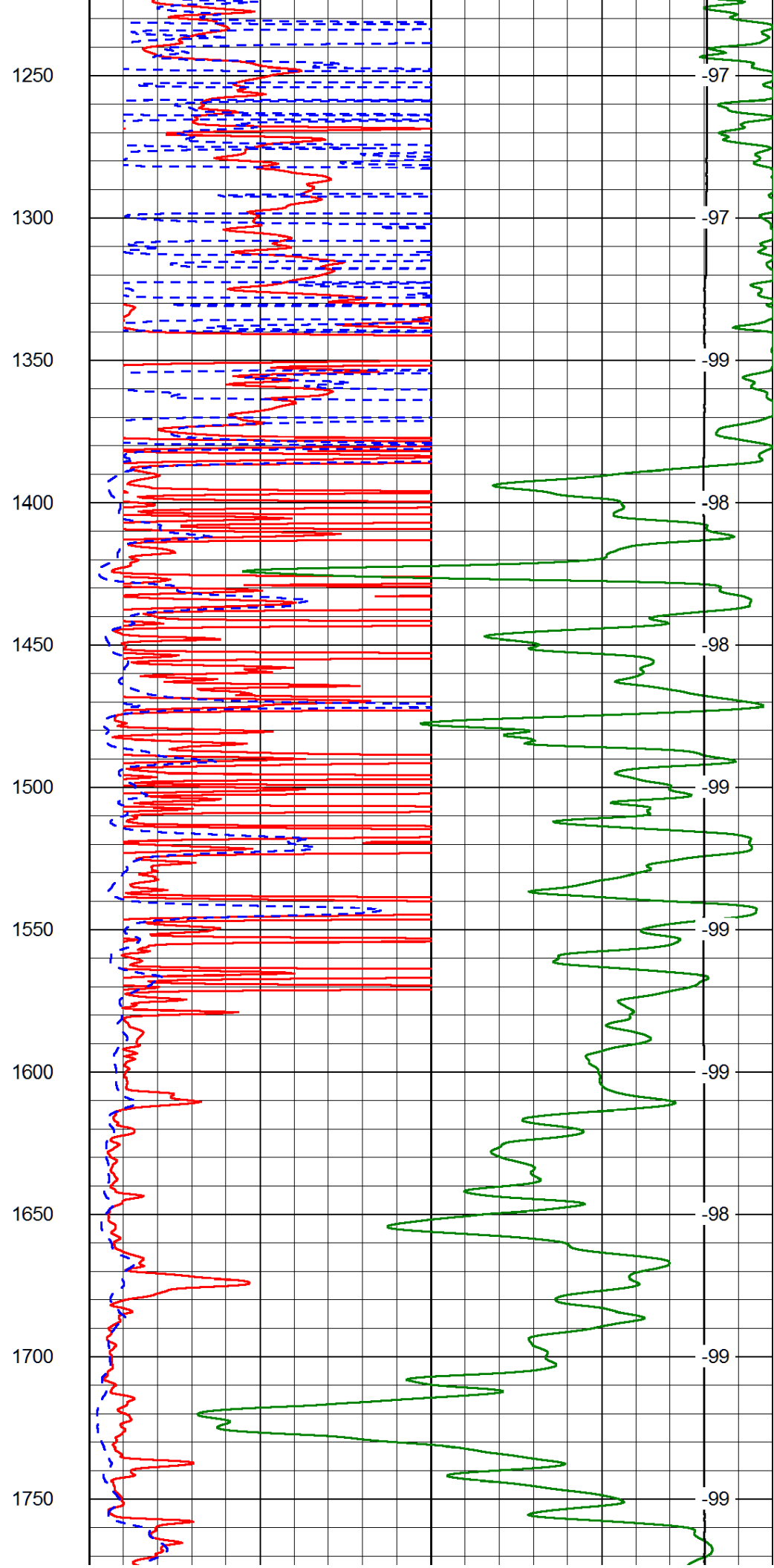
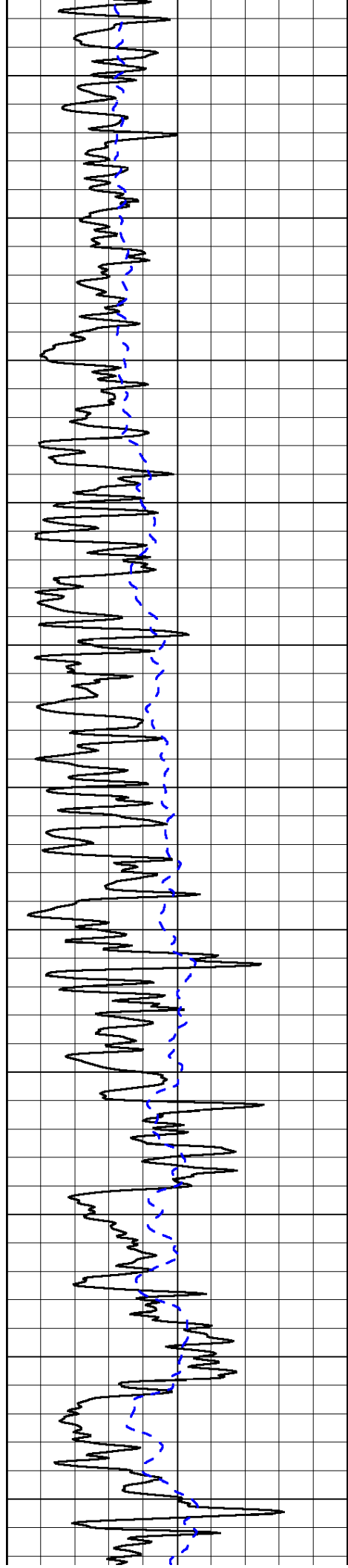
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-200	SP (mV)	0

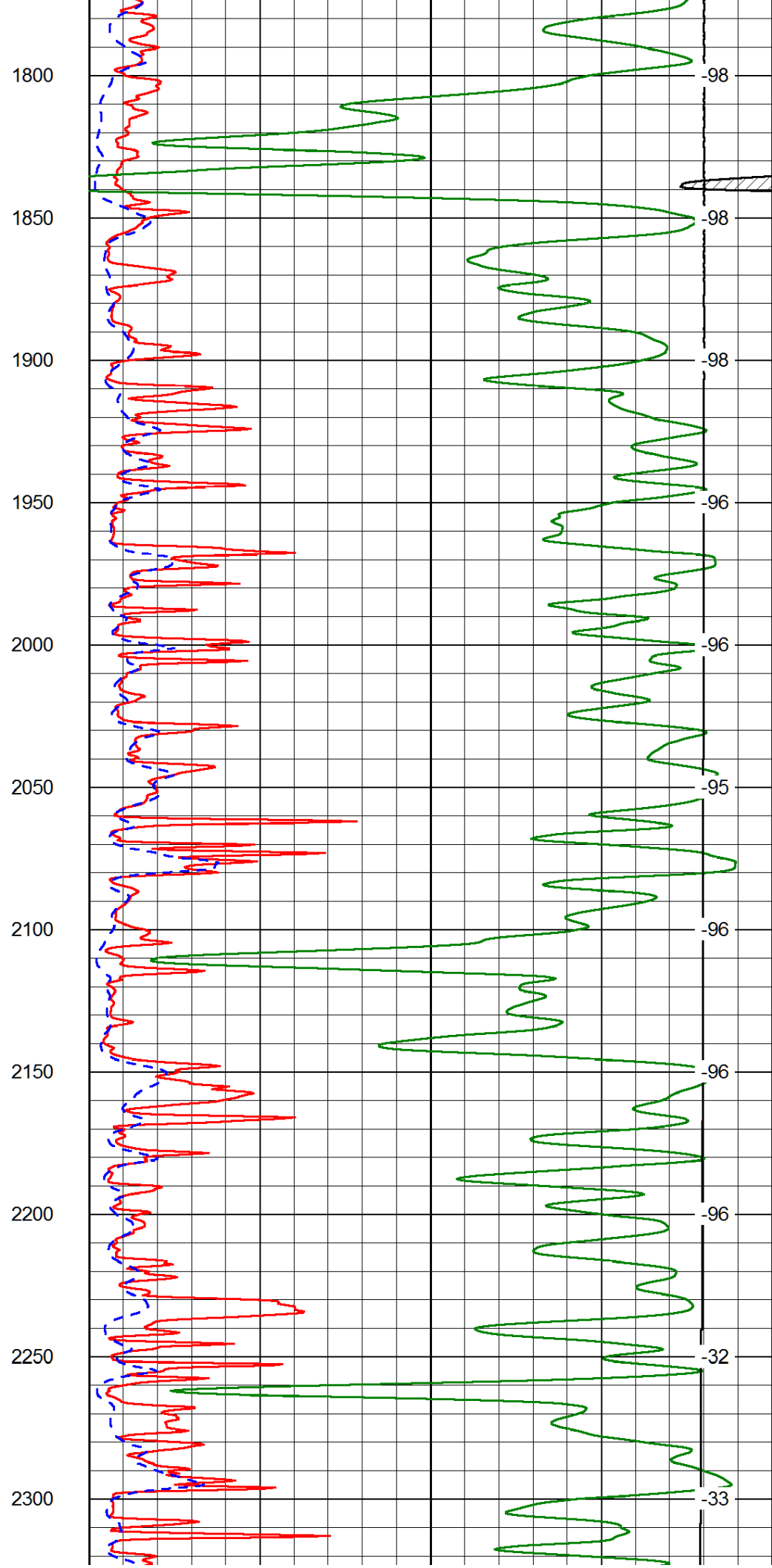
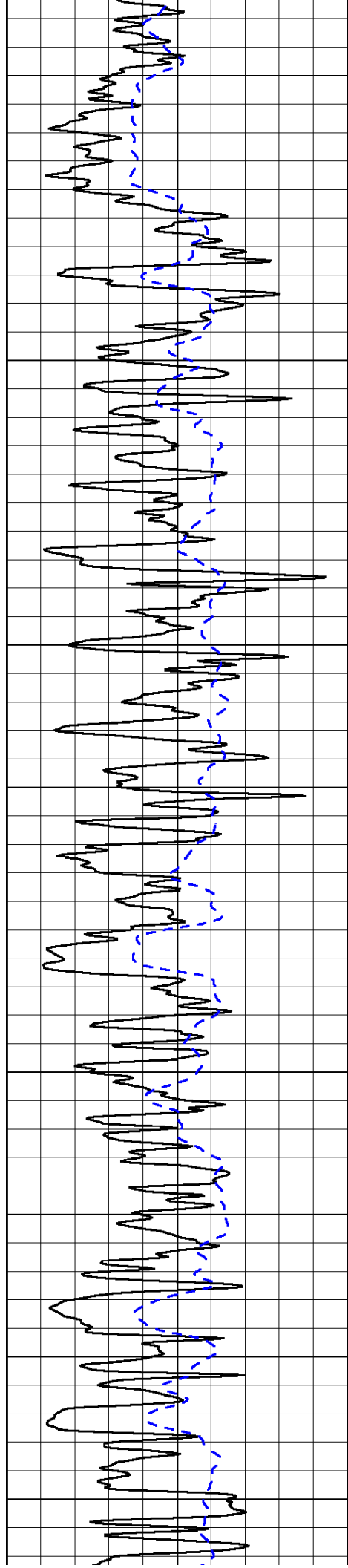
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0	Deep Resistivity	50
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15000	Line Tension	0
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50	Deep Resistivity	500

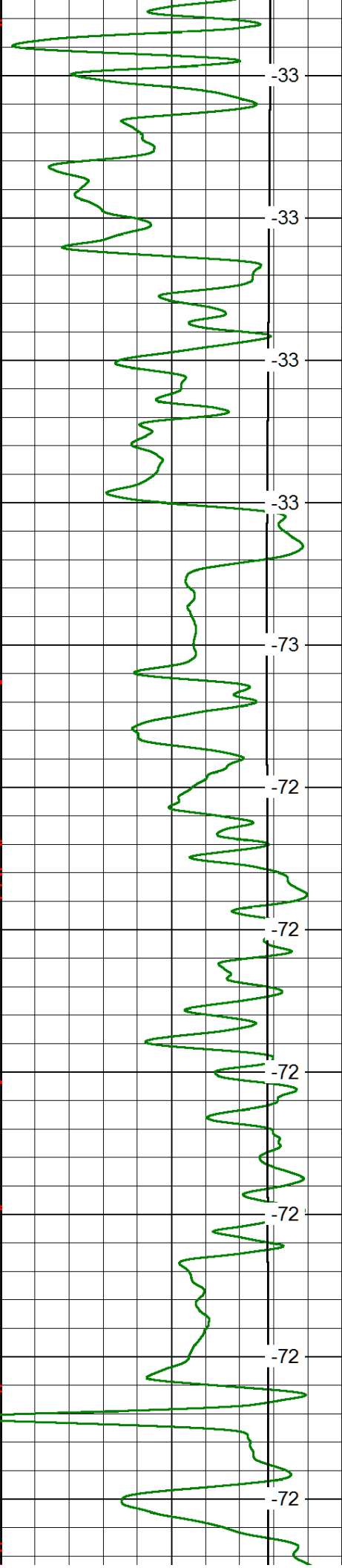
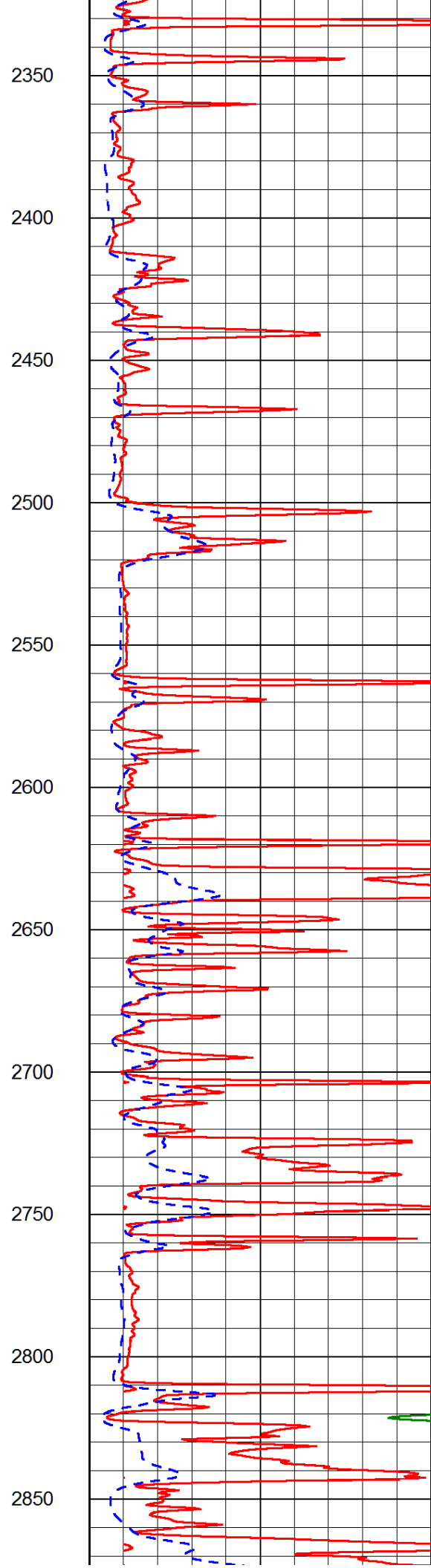
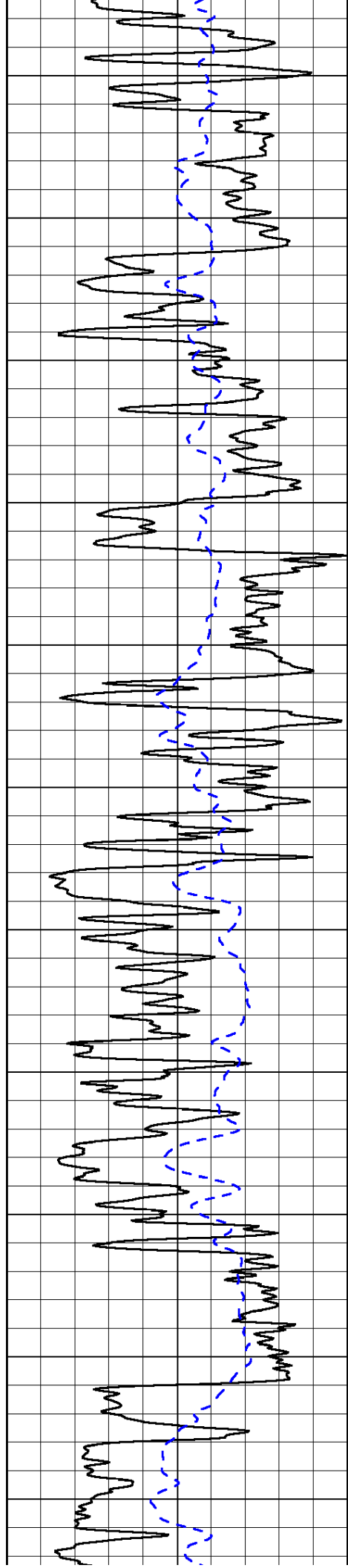
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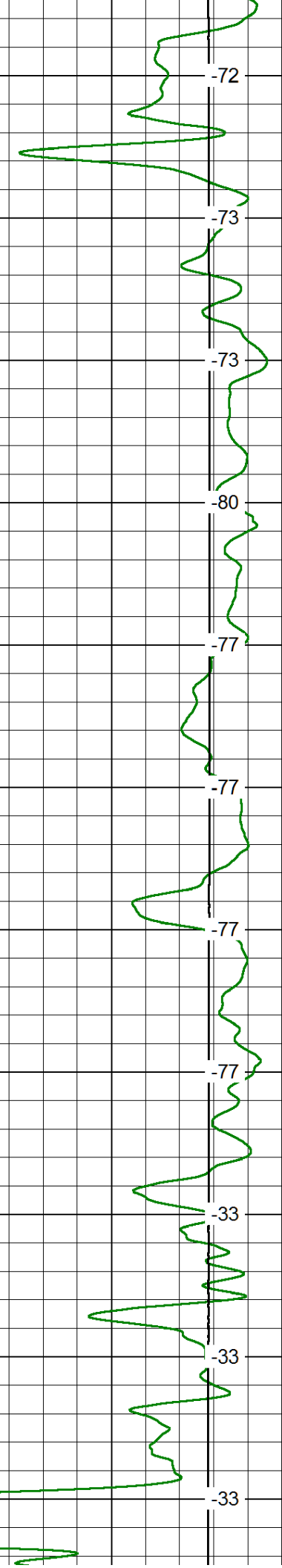
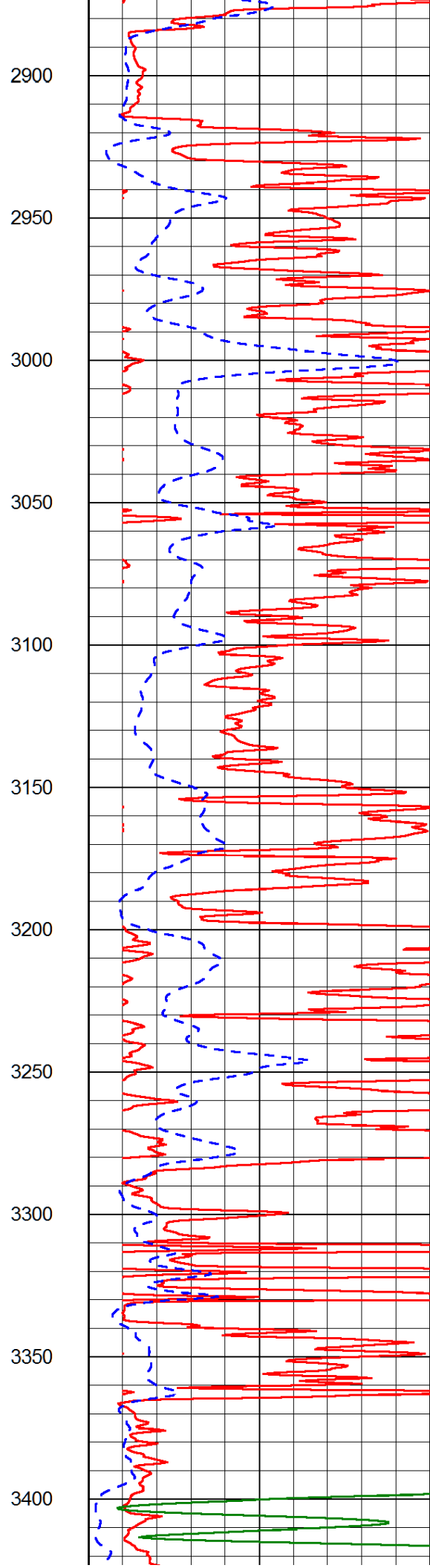
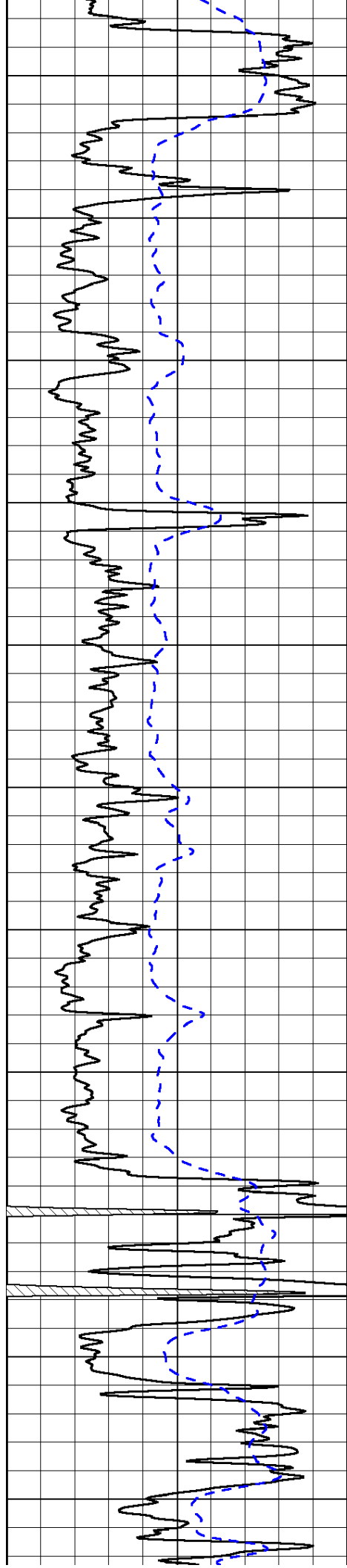


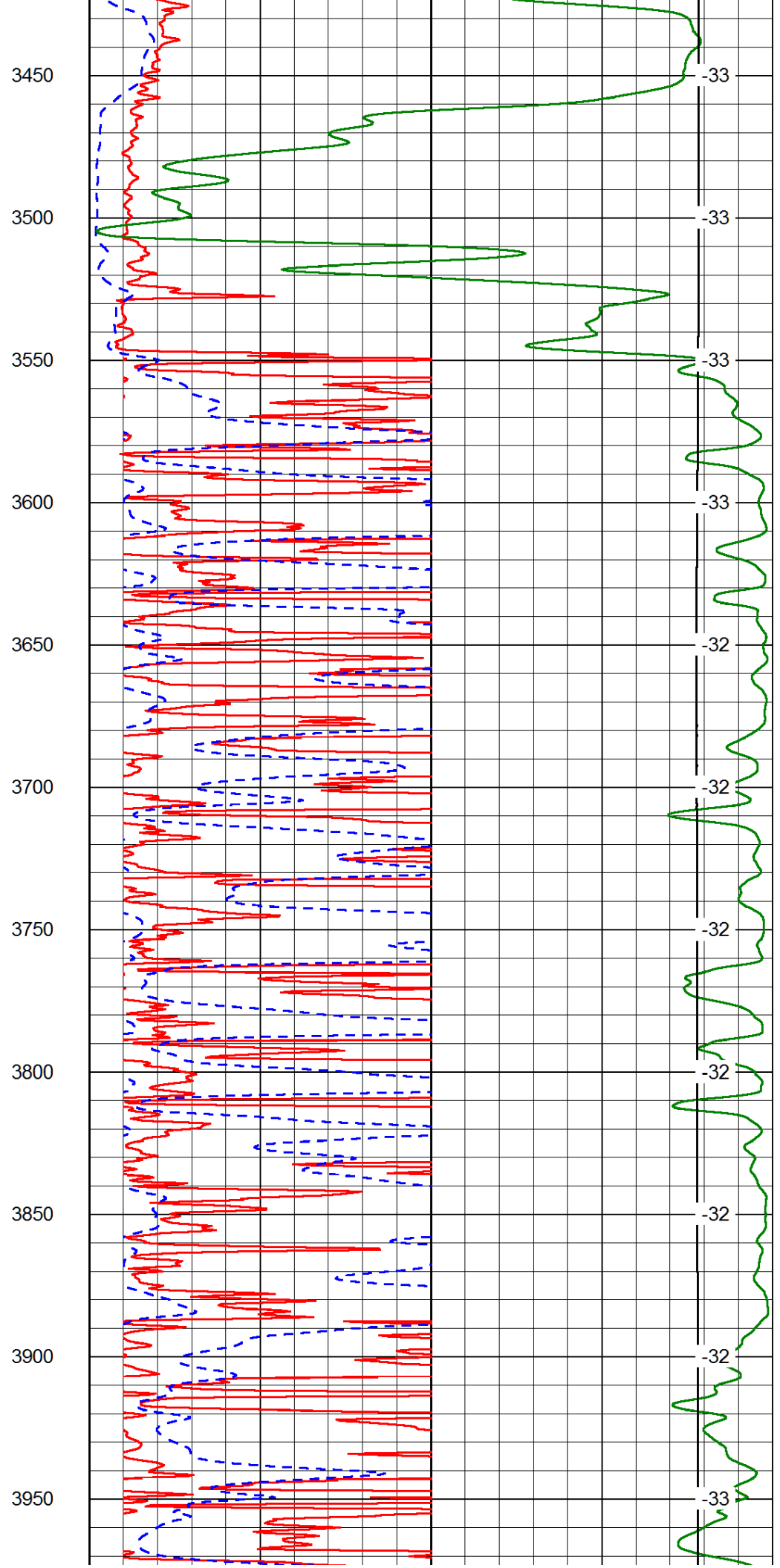
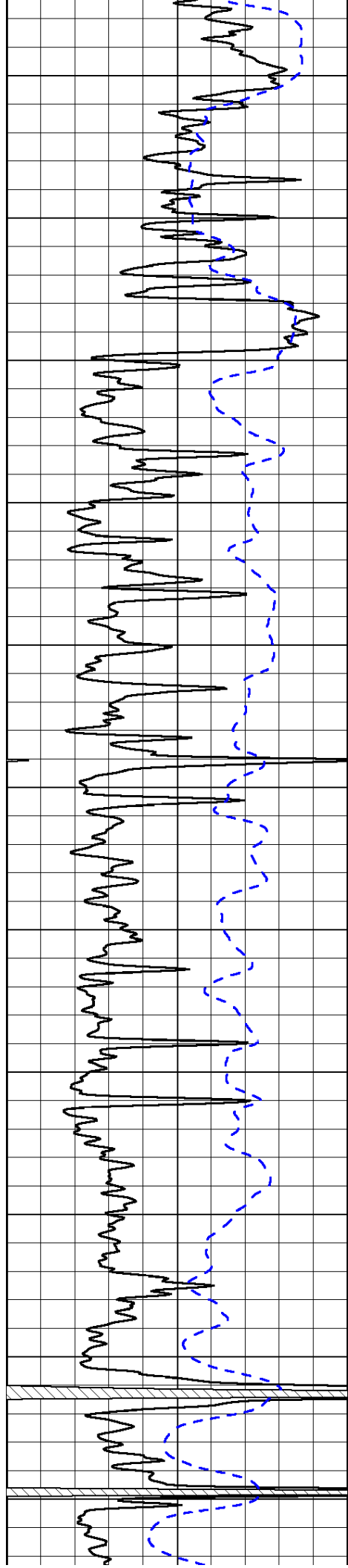


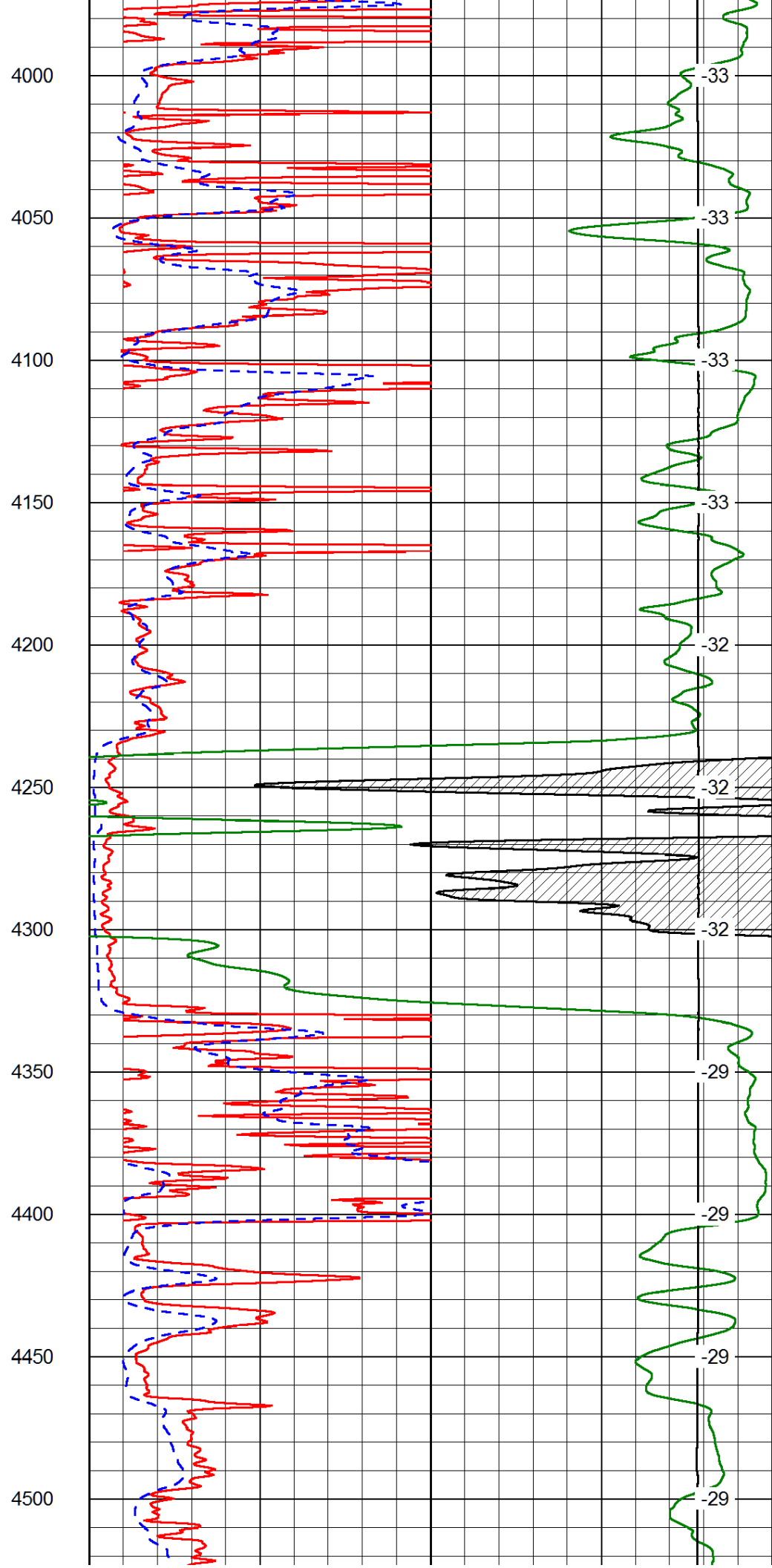
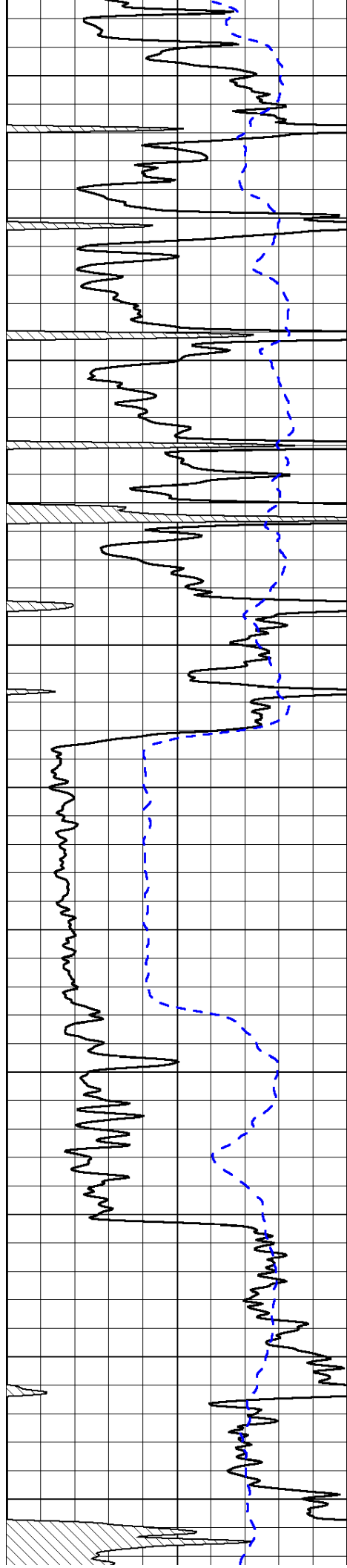


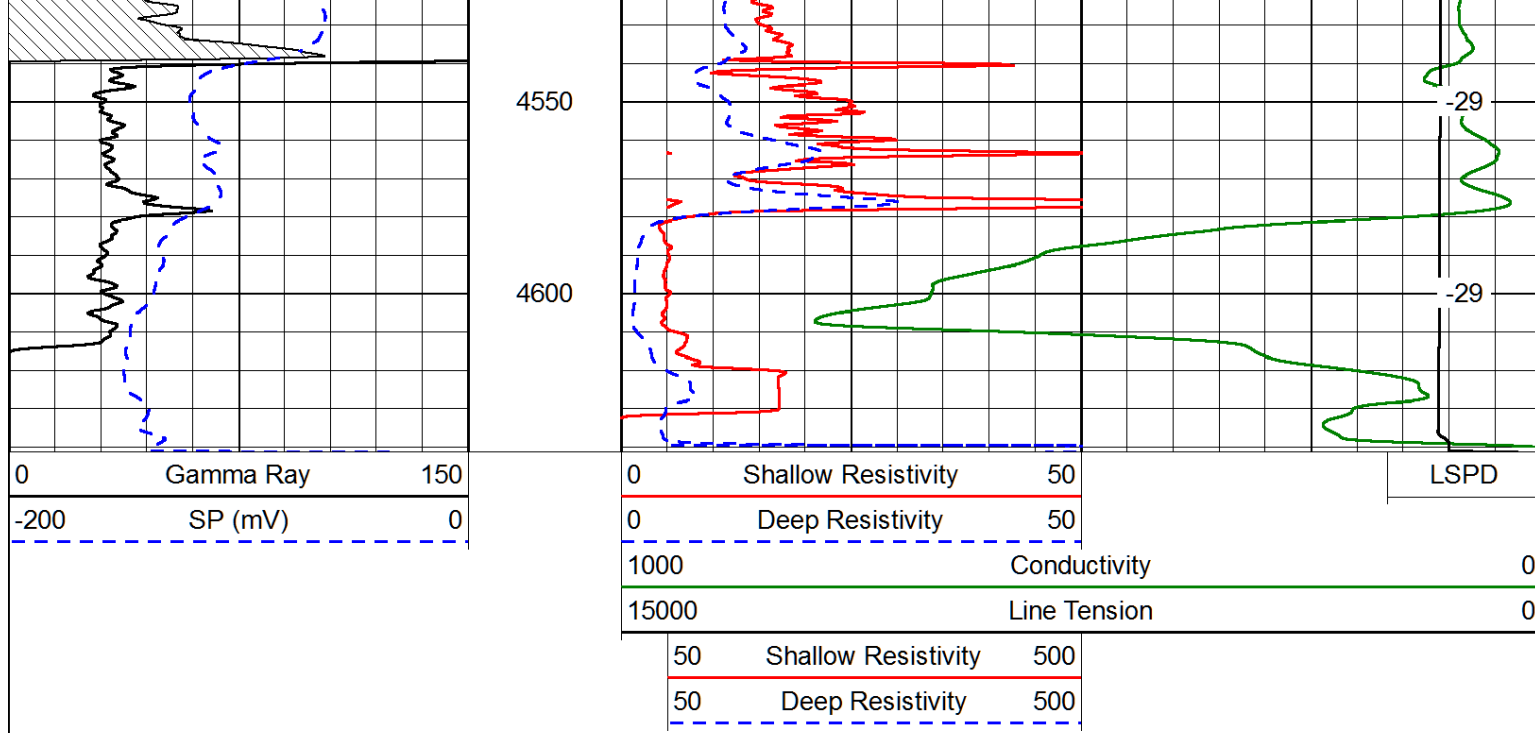




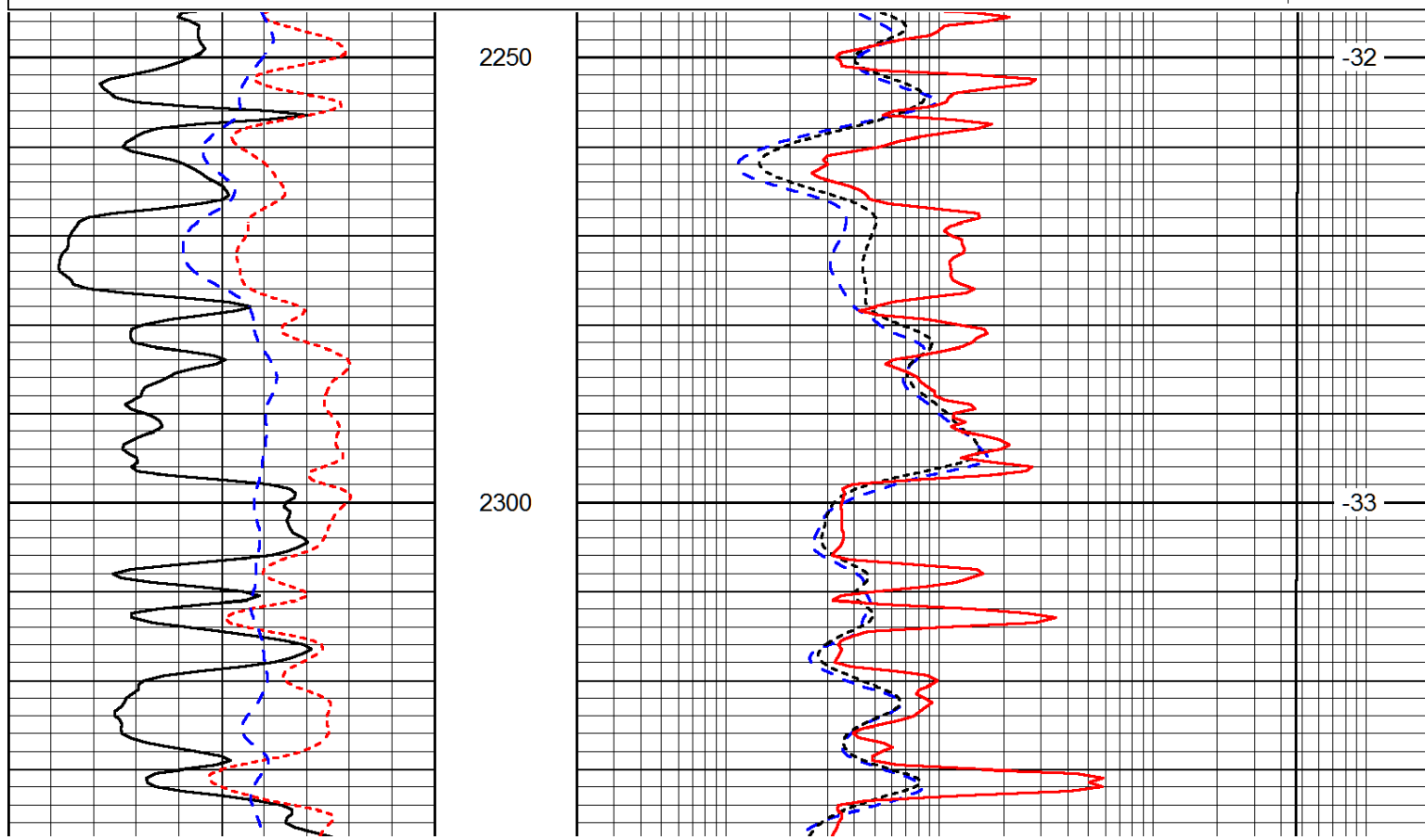
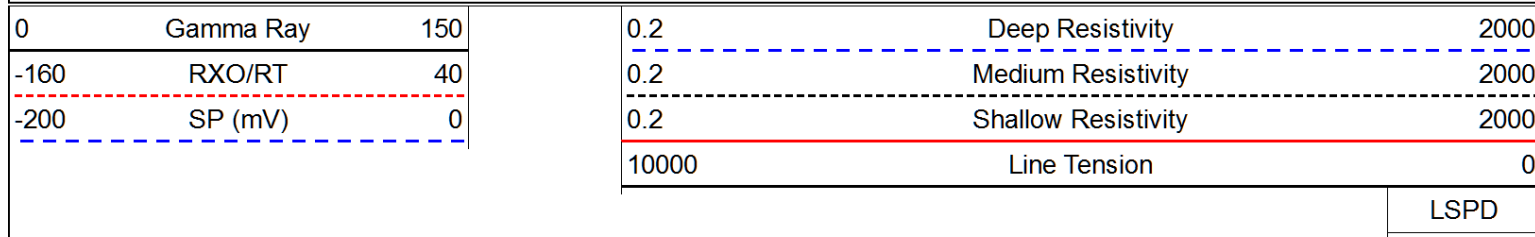


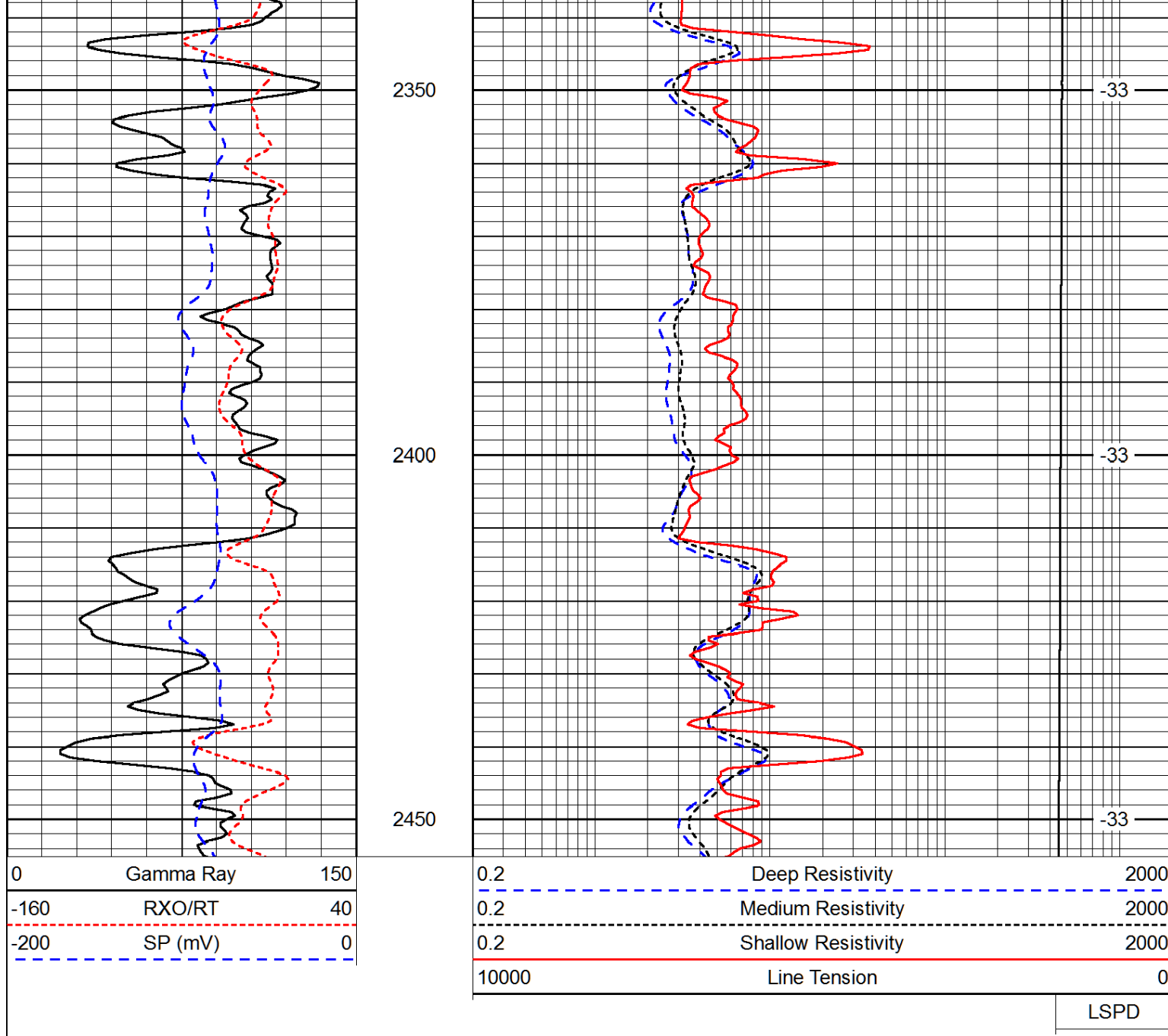




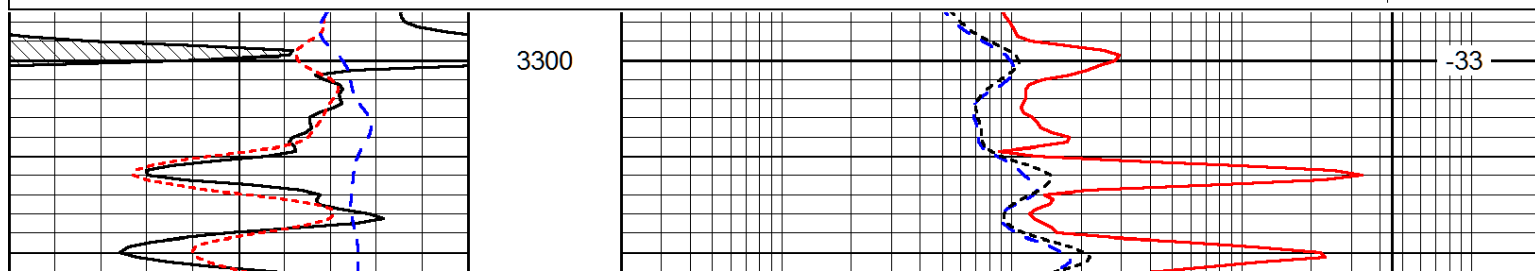
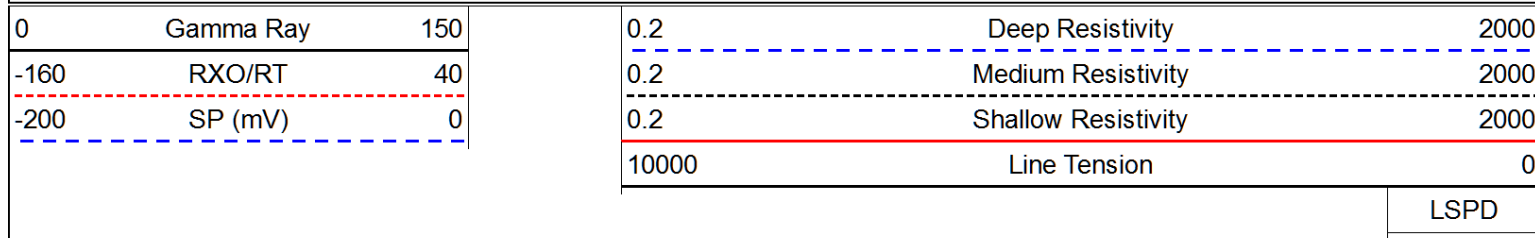


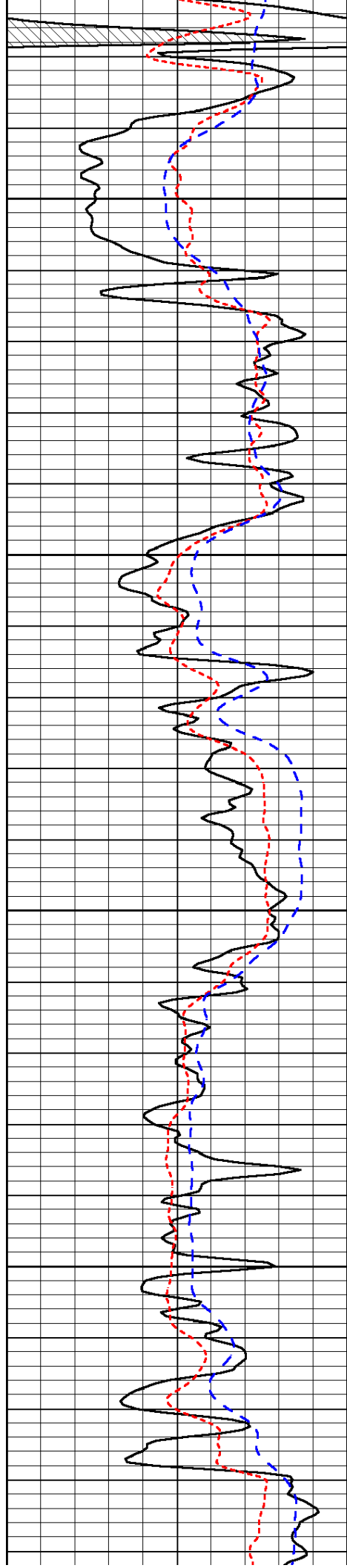
Database File: molitorhd.db
 Dataset Pathname: dil/molmain
 Presentation Format: dil
 Dataset Creation: Fri Sep 12 03:29:47 2014
 Charted by: Depth in Feet scaled 1:240





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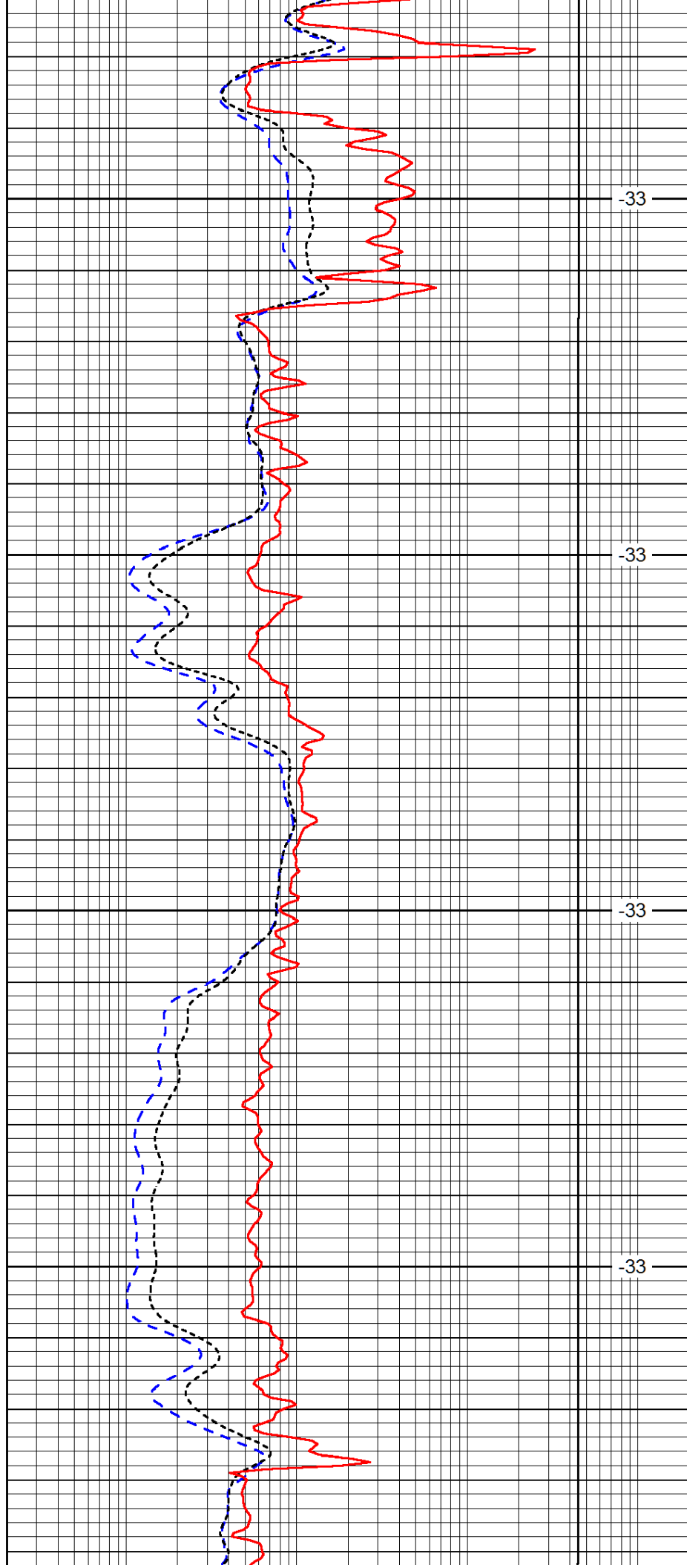


3350

3400

3450

3500

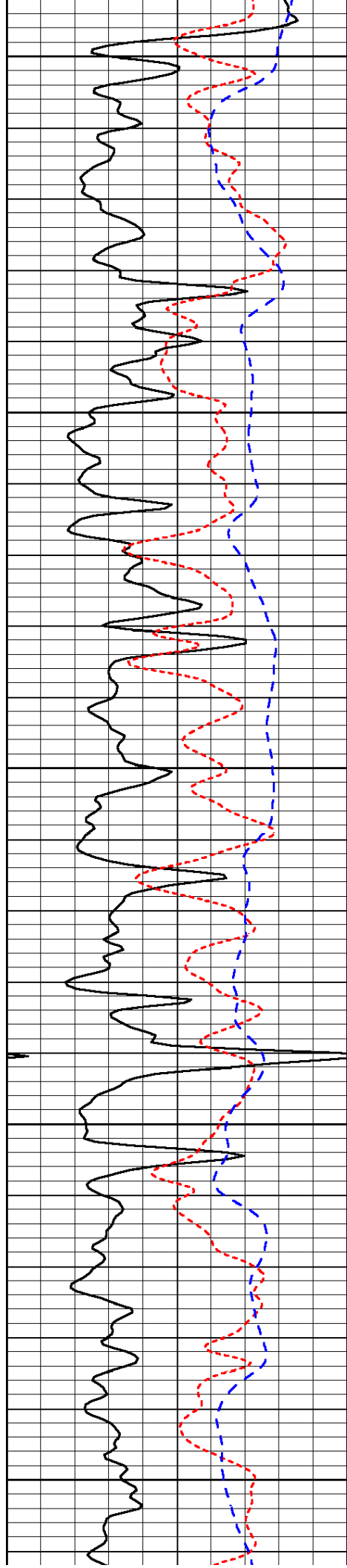


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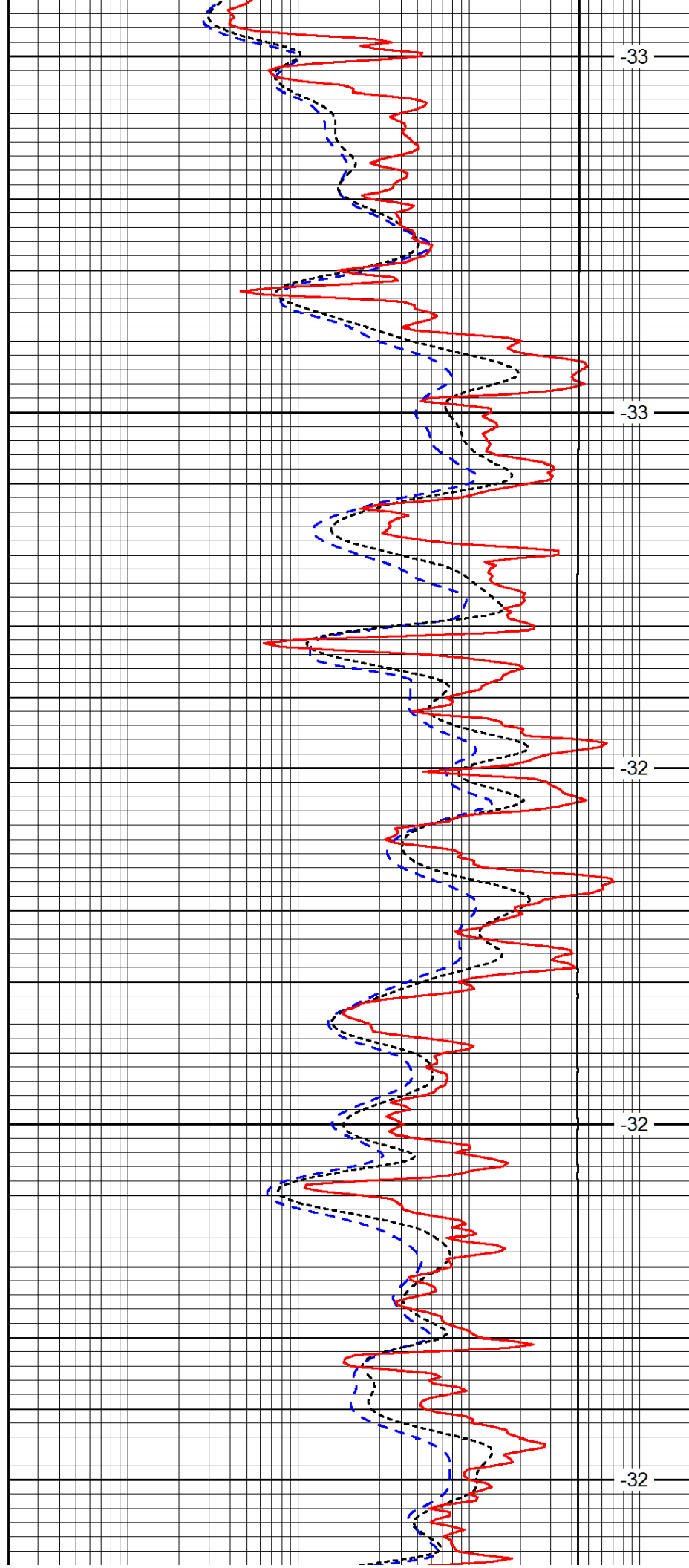
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3600

3650

3700

3750



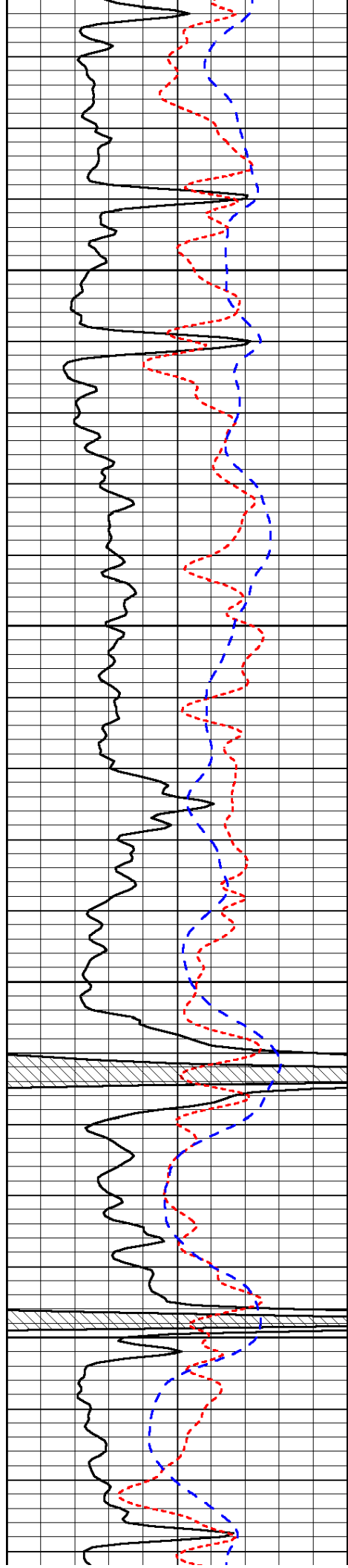
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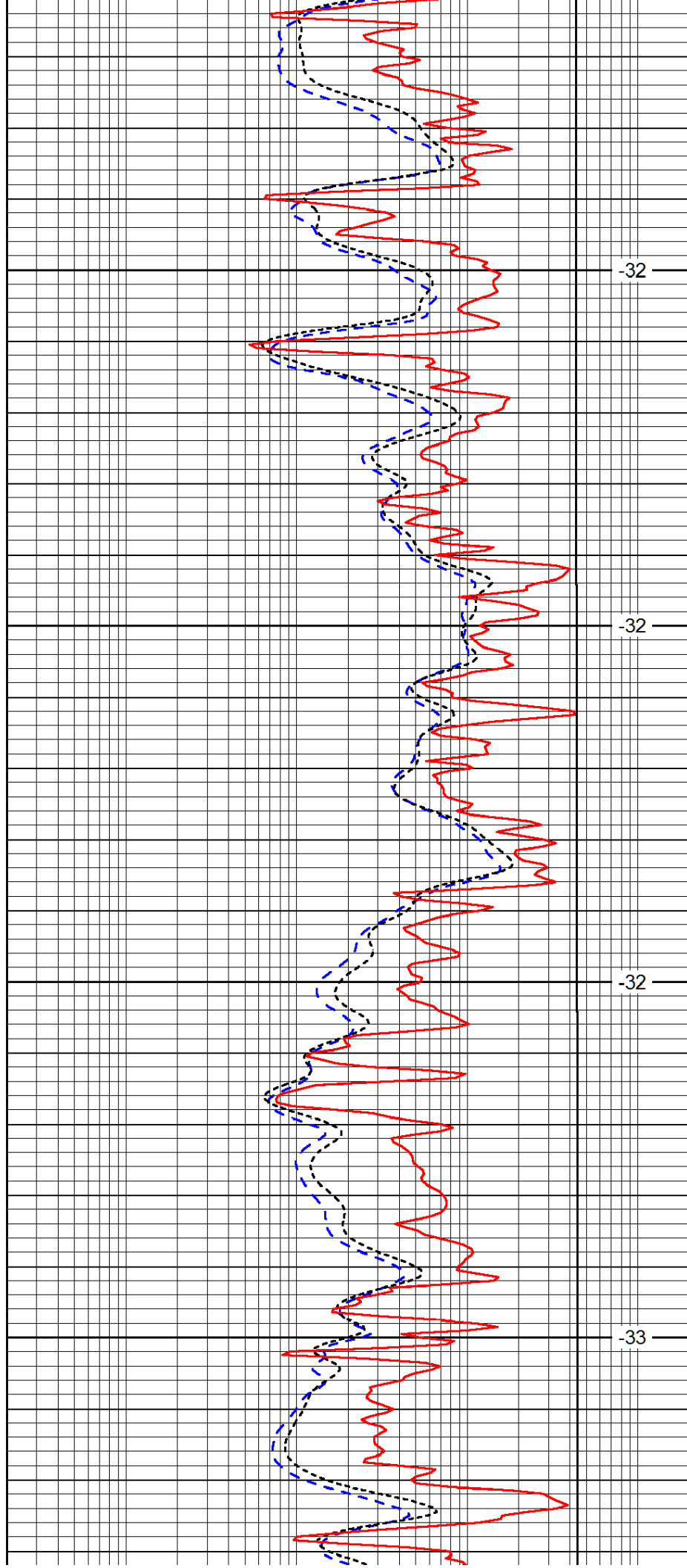


3800

3850

3900

3950

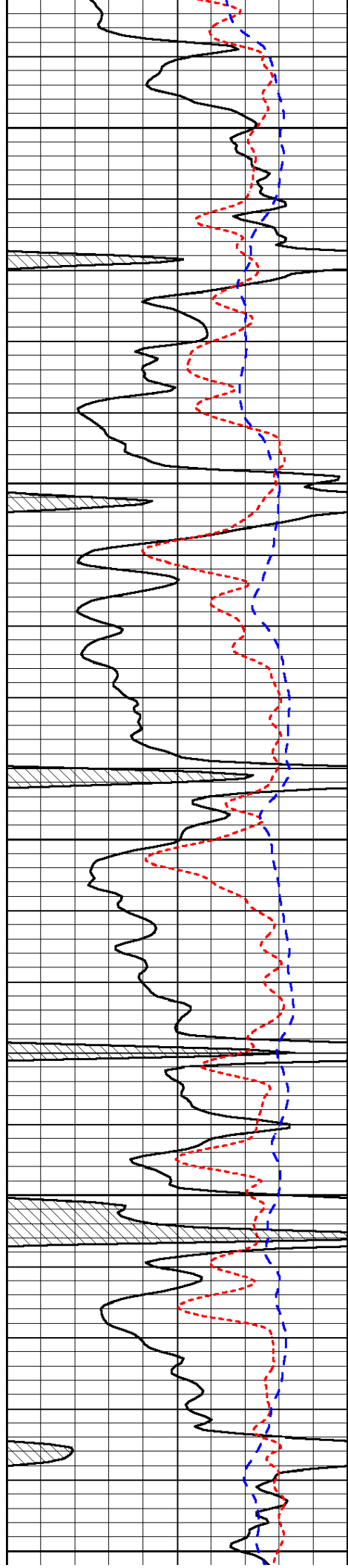


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-32

-33



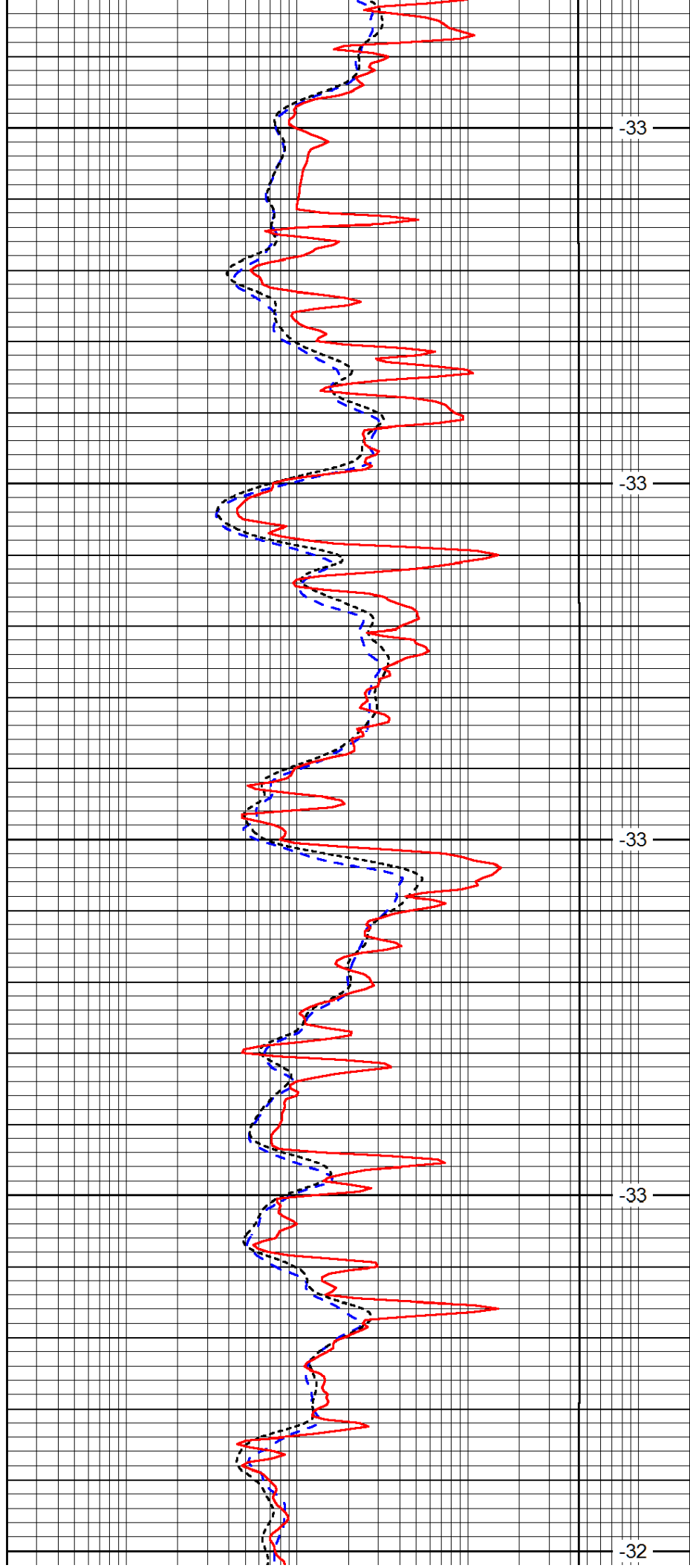
4000

4050

4100

4150

4200



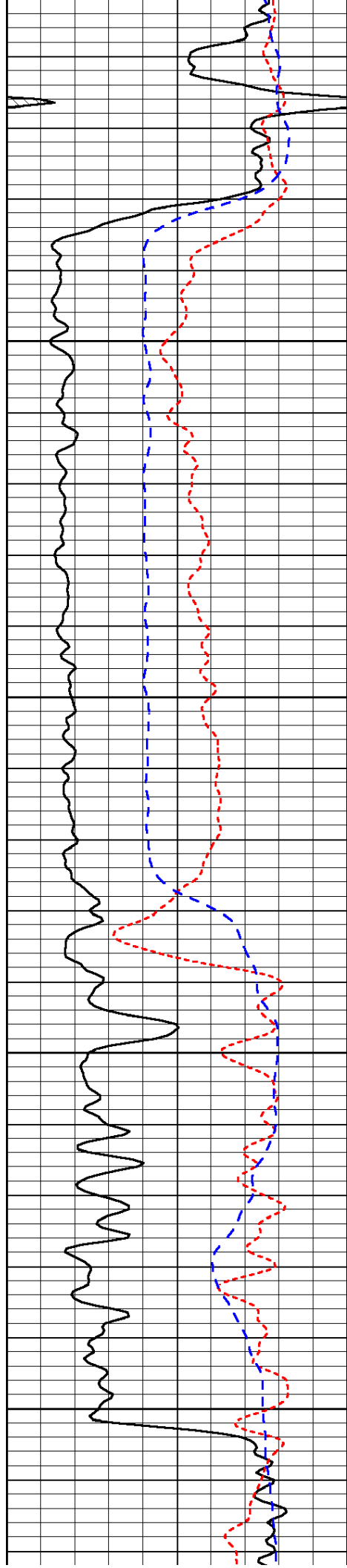
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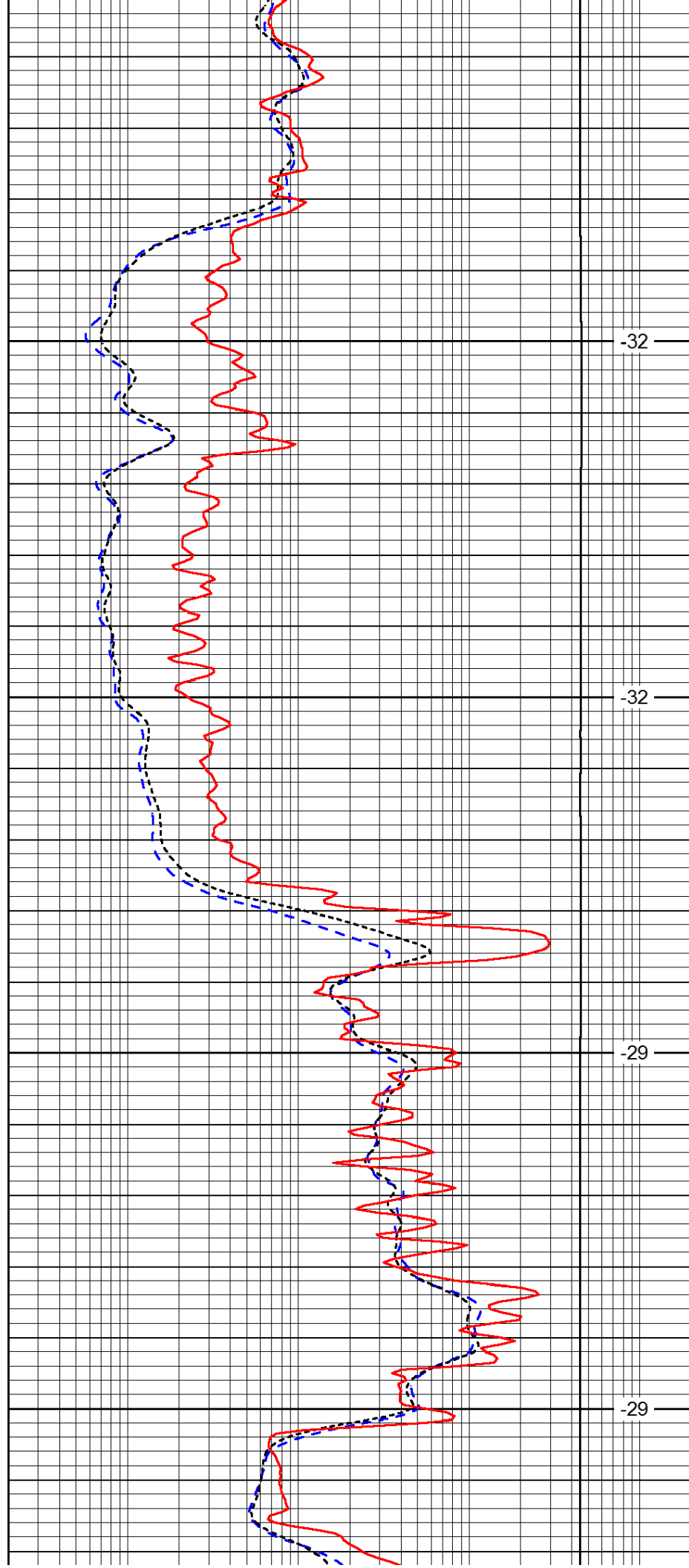


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4300

4350

4400

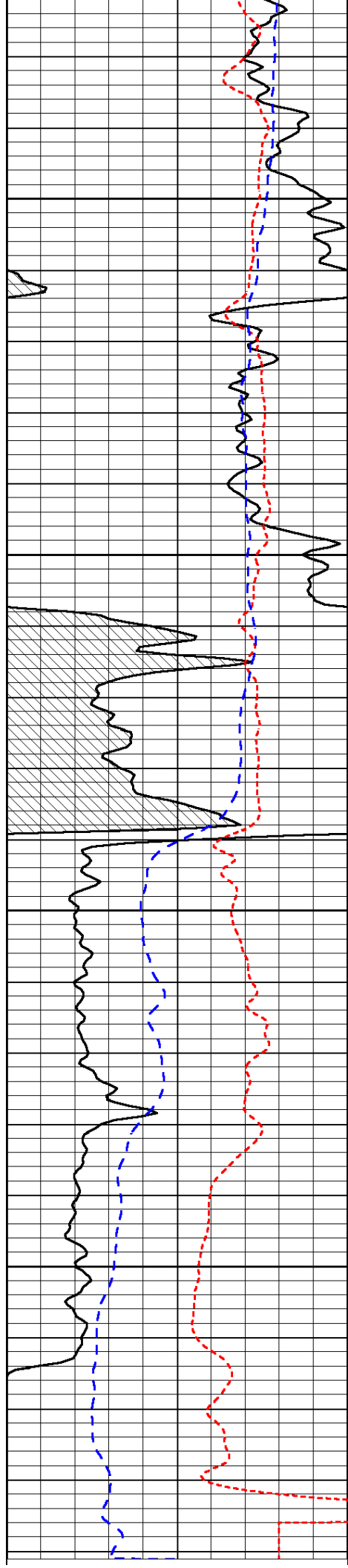


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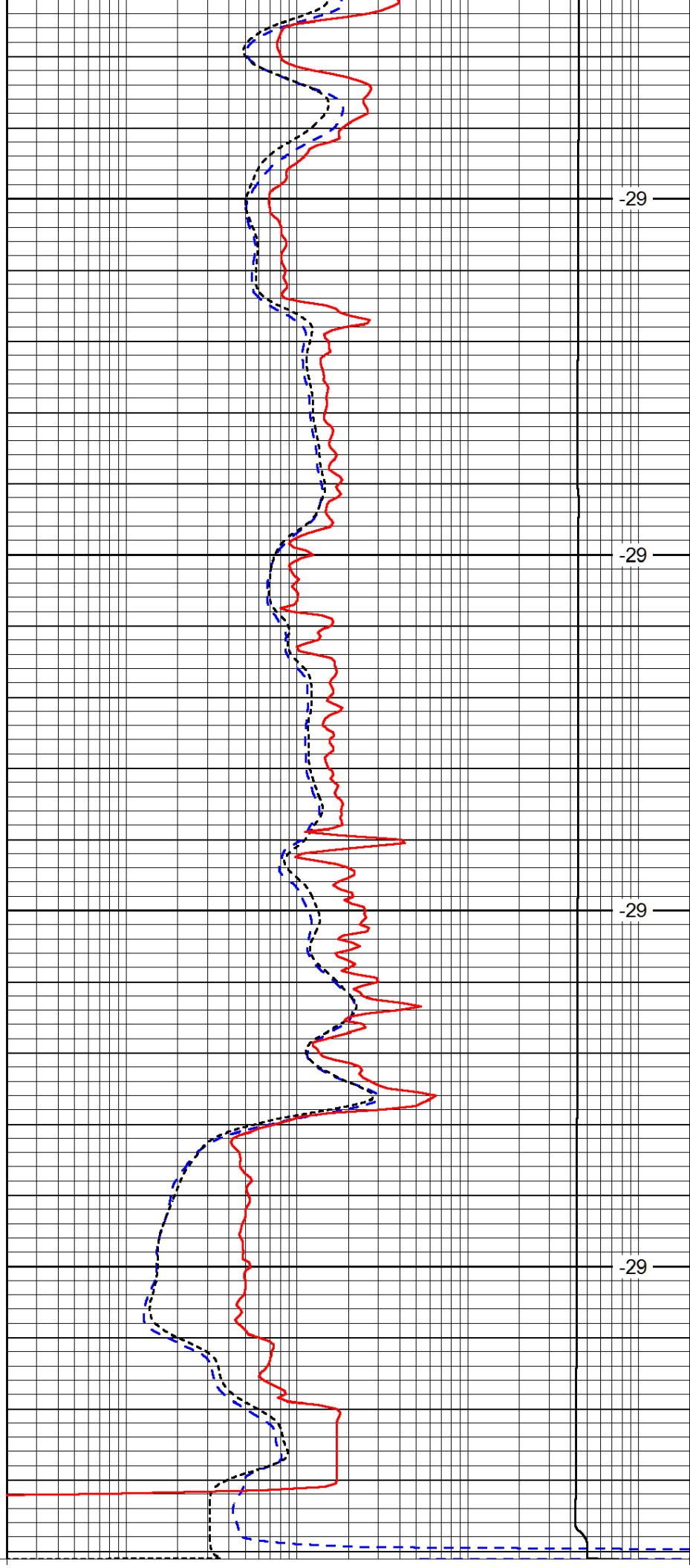


4450

4500

4550

4600



-29

-29

-29

-29

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

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