



Dual Induction Log

Pioneer Energy Services

API No.	Company Novy Oil & Gas, Inc.			
	Well Brown No. 2			
	Field Wildcat			
	County	Kingman	State	Kansas
	Location	NE NW NW 330' FNL & 990' FWL		
	Sec: 10	Twp: 29 S	Rge: 6 W	Other Services CNL/CDL MEL
Permanent Datum	Ground Level		Elevation 1533	Elevation
Log Measured From	Kelly Bushing		9 Ft. Above Perm. Datum	K.B. 1542
Drilling Measured From	From Kelly Bushing			D.F. 1533
Date	9/8/2012			
Run Number	One			
Depth Driller	4500			
Depth Logger	4502			
Bottom Logged Interval	4501			
Top Log Interval	250			
Casing Driller	8.625 @ 265			
Casing Logger	264			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity, ppm CL	5000			
Density / Viscosity	9.4 52			
pH / Fluid Loss	9.5 9.6			
Source of Sample	Flowline			
Rm @ Meas. Temp	.70 @ 76			
Rmf @ Meas. Temp	.53 @ 76			
Rmc @ Meas. Temp	.95 @ 76			
Source of Rmf / Rmc	Charts			
Rm @ BHT	.44 @ 121			
Operating Rig Time	4 1/2 Hours			
Max Rec. Temp. F	121			
Equipment Number	108			
Location	Hays			
Recorded By	D. Kerr			
Witnessed By	David Goldak			

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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 Pioneer Energy Services
www.pioneerres.com
785 625 3858

Kingman KS, 7 South, 6 1/8 East,
South Into

Database File: c:\warrior\data\novy_brown no. 2\novy_brown_2hd.db
Dataset Pathname: DIL\novystk
Presentation Format: dil2in
Dataset Creation: Sat Sep 08 02:34:52 2012
Charted by: Depth in Feet scaled 1:600

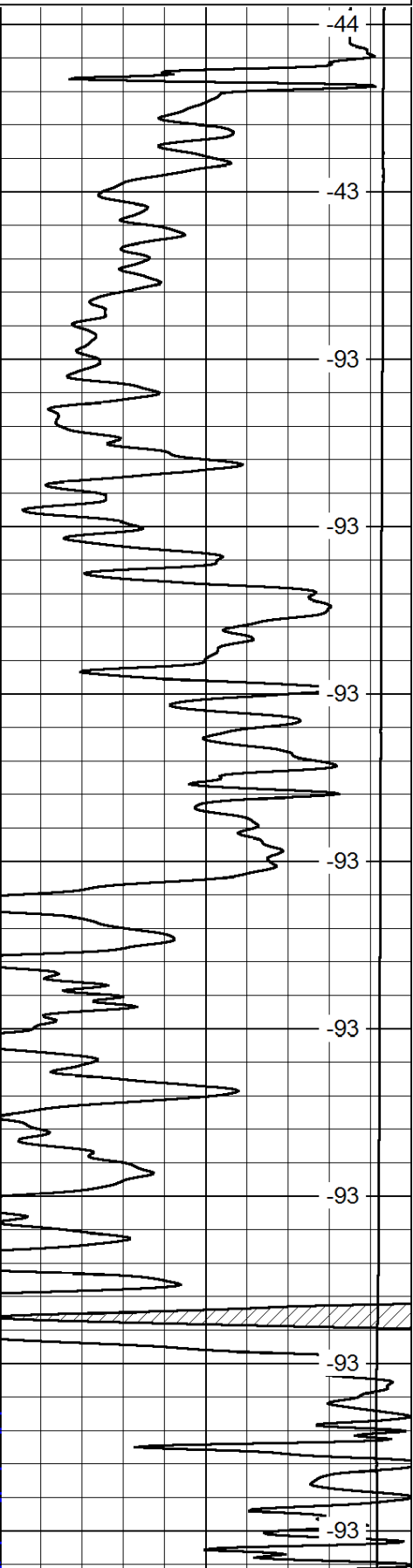
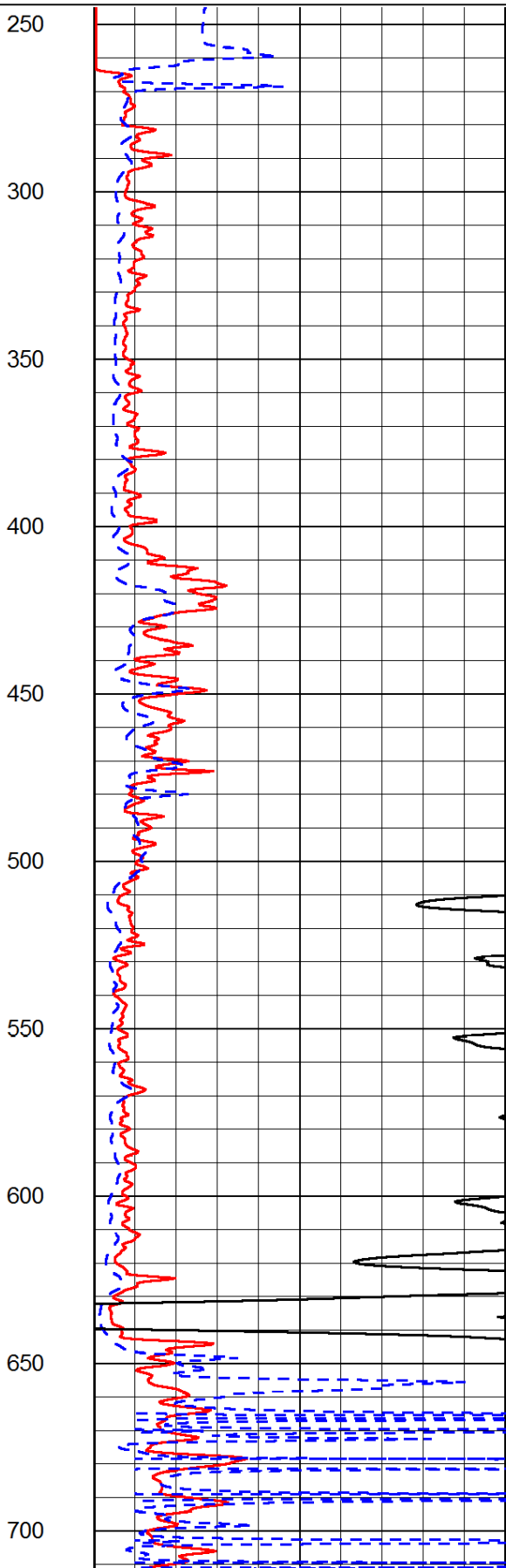
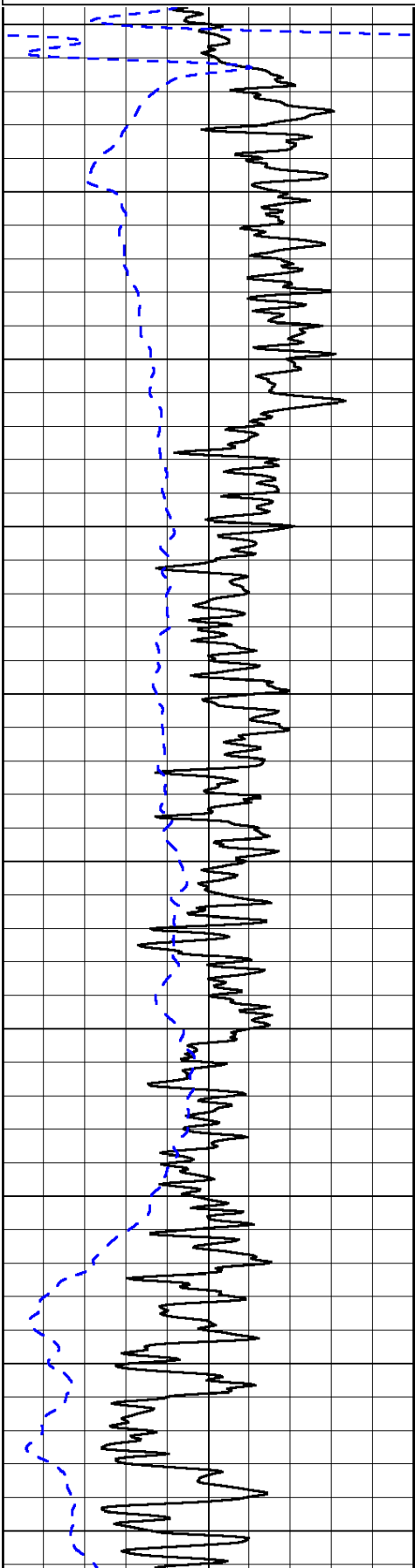
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-200	SP (mV)	0

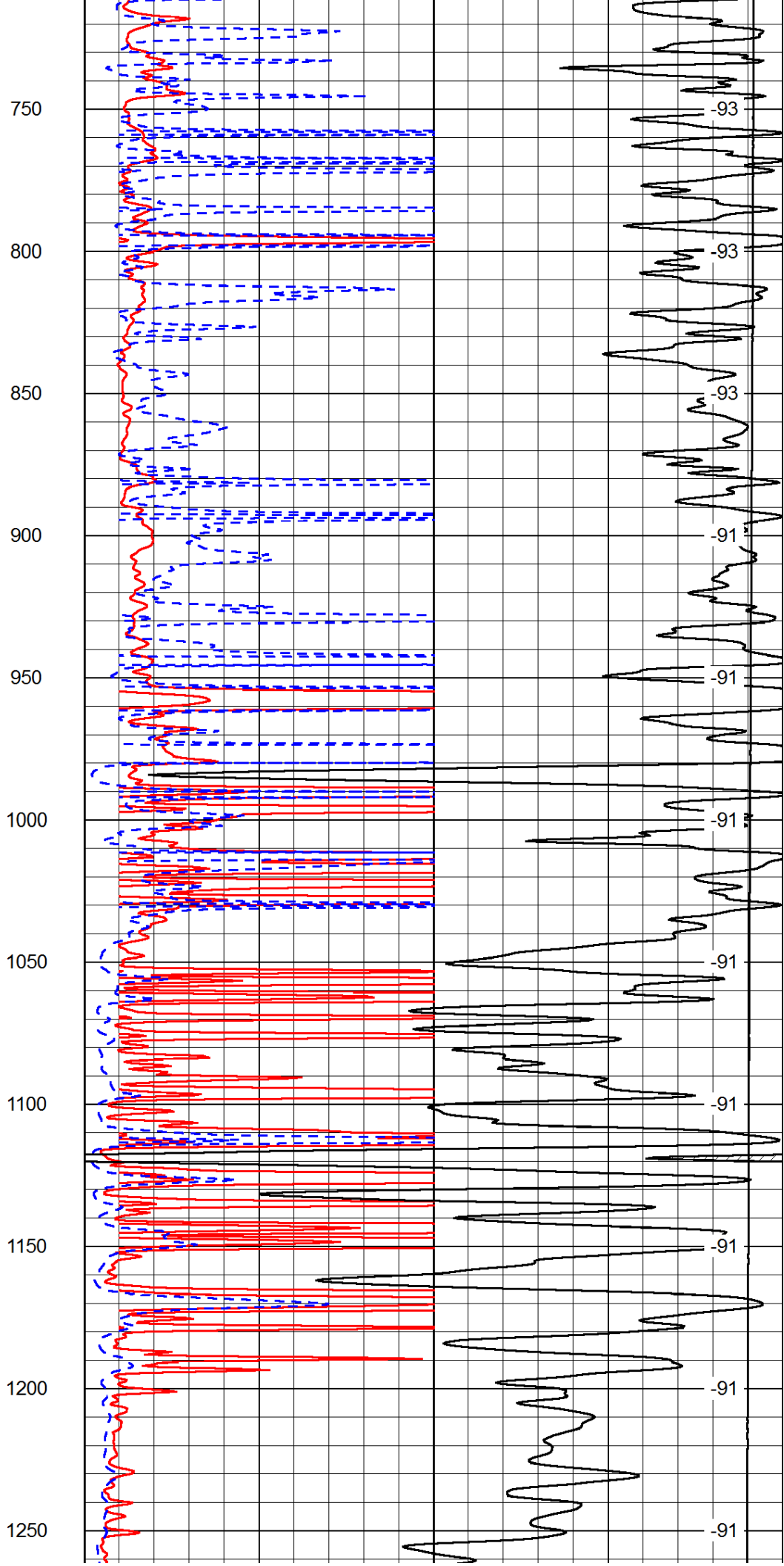
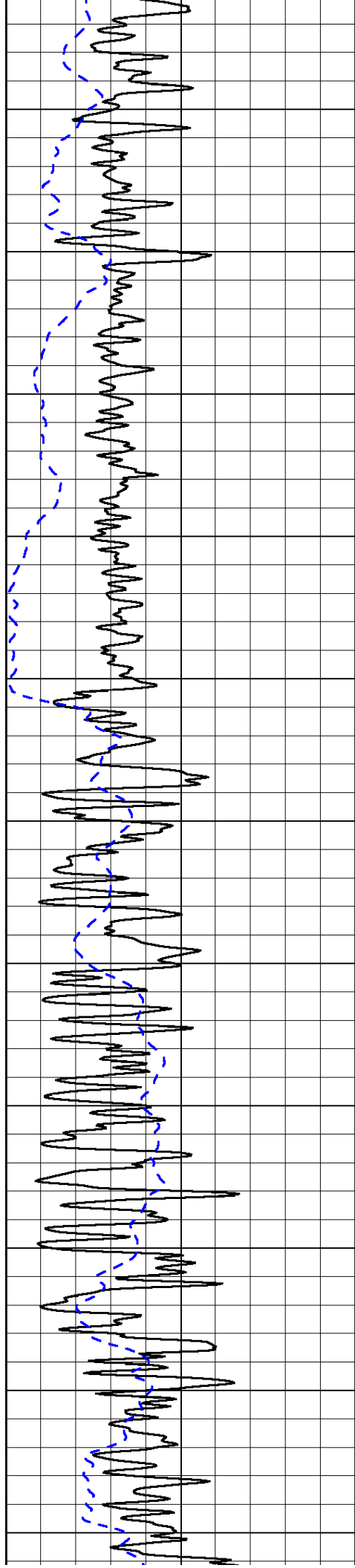
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0	Deep Resistivity	50

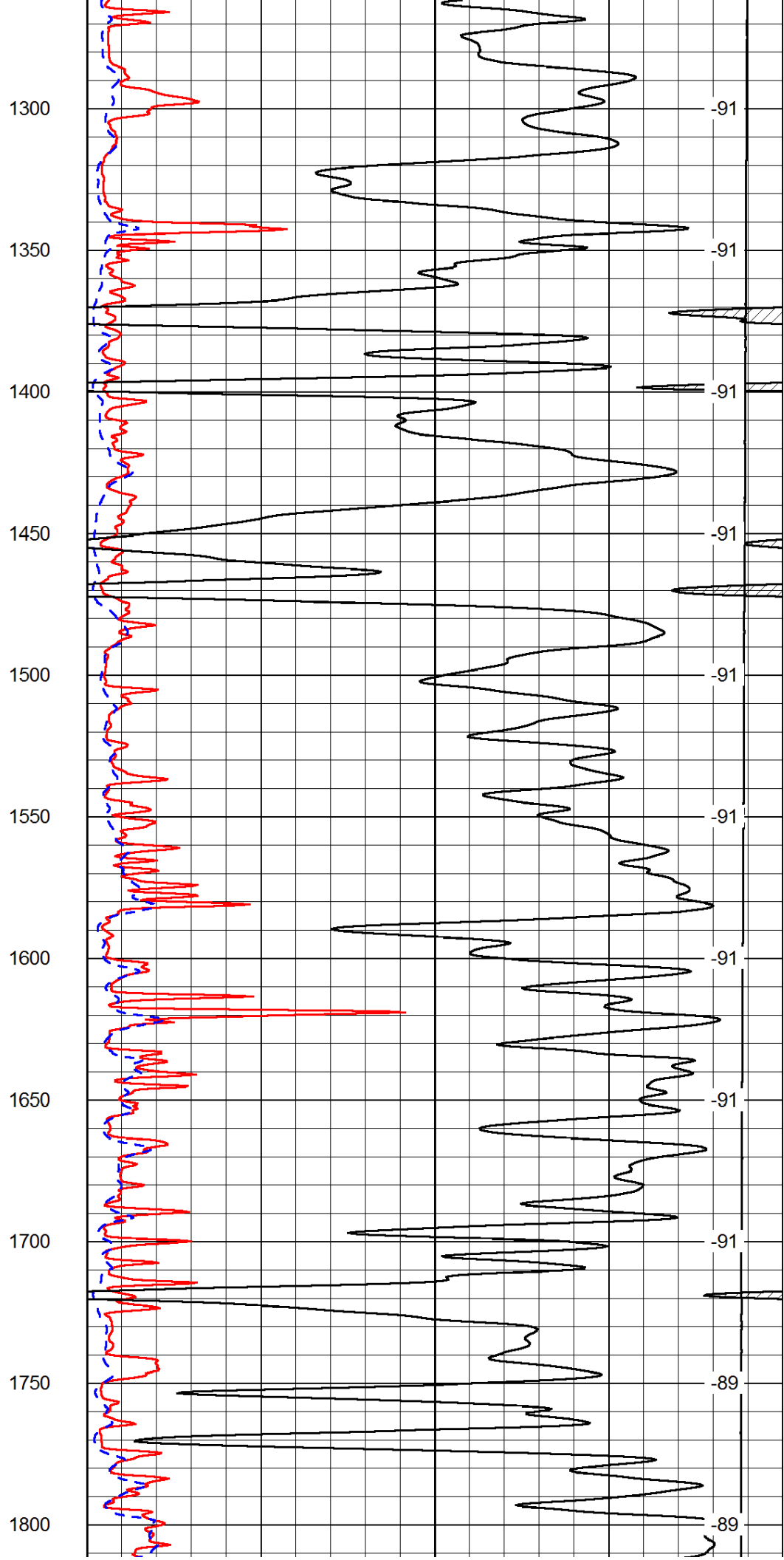
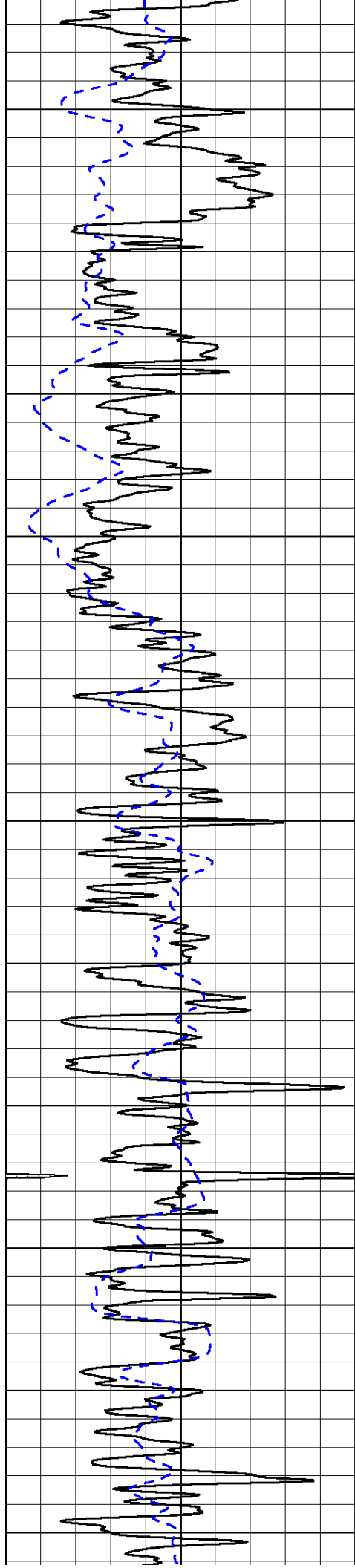
LSPD

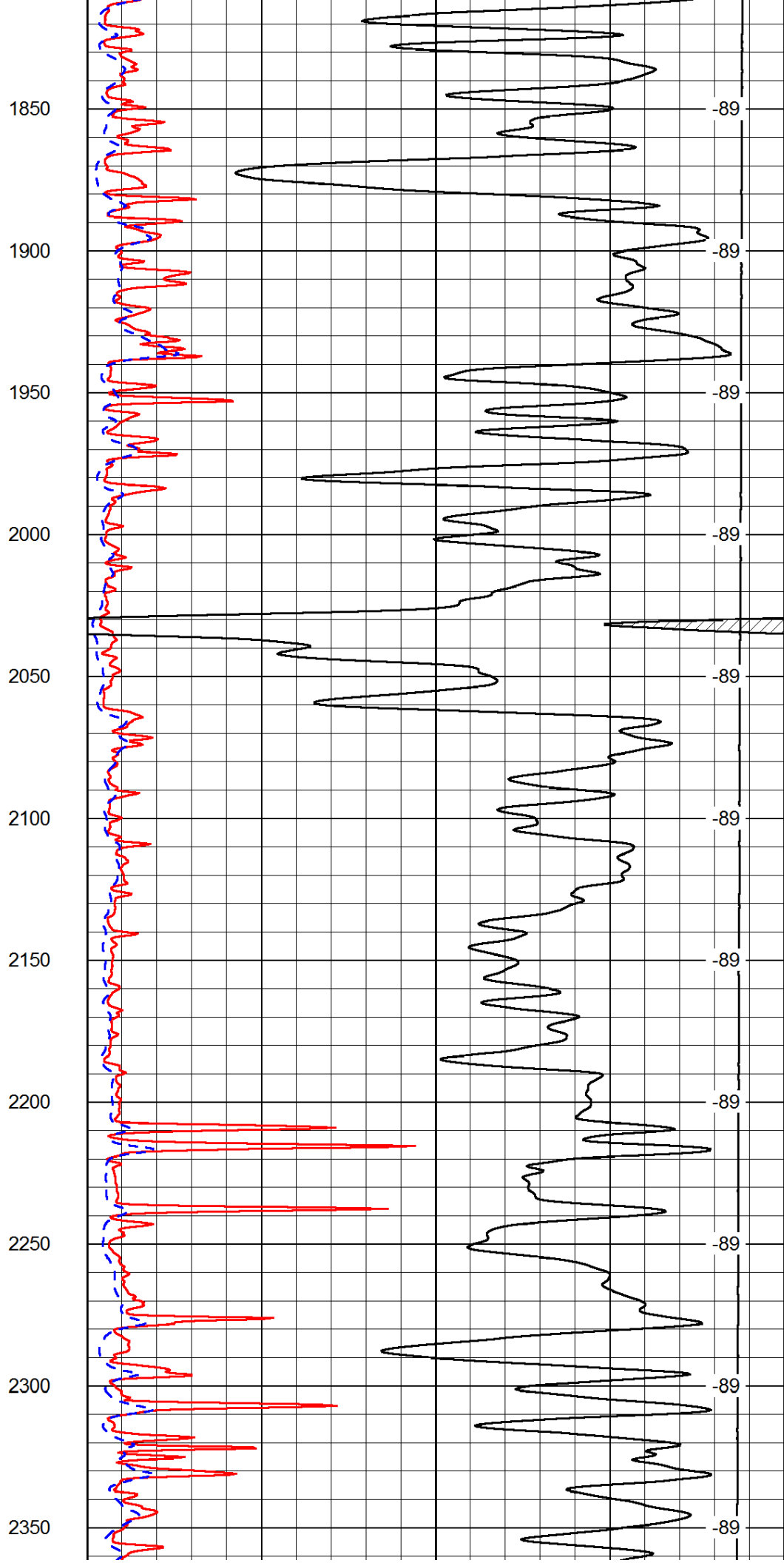
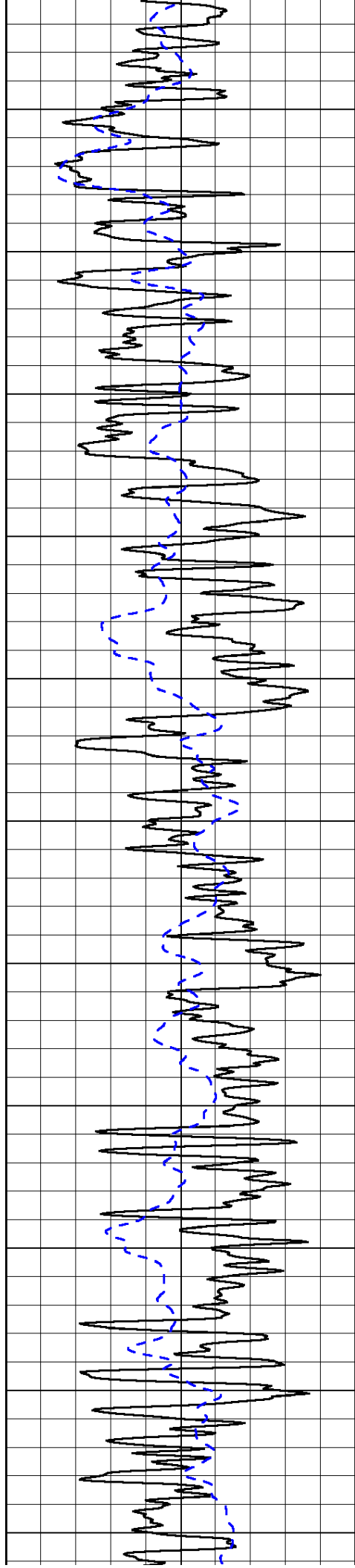
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15000	Line Tension	0

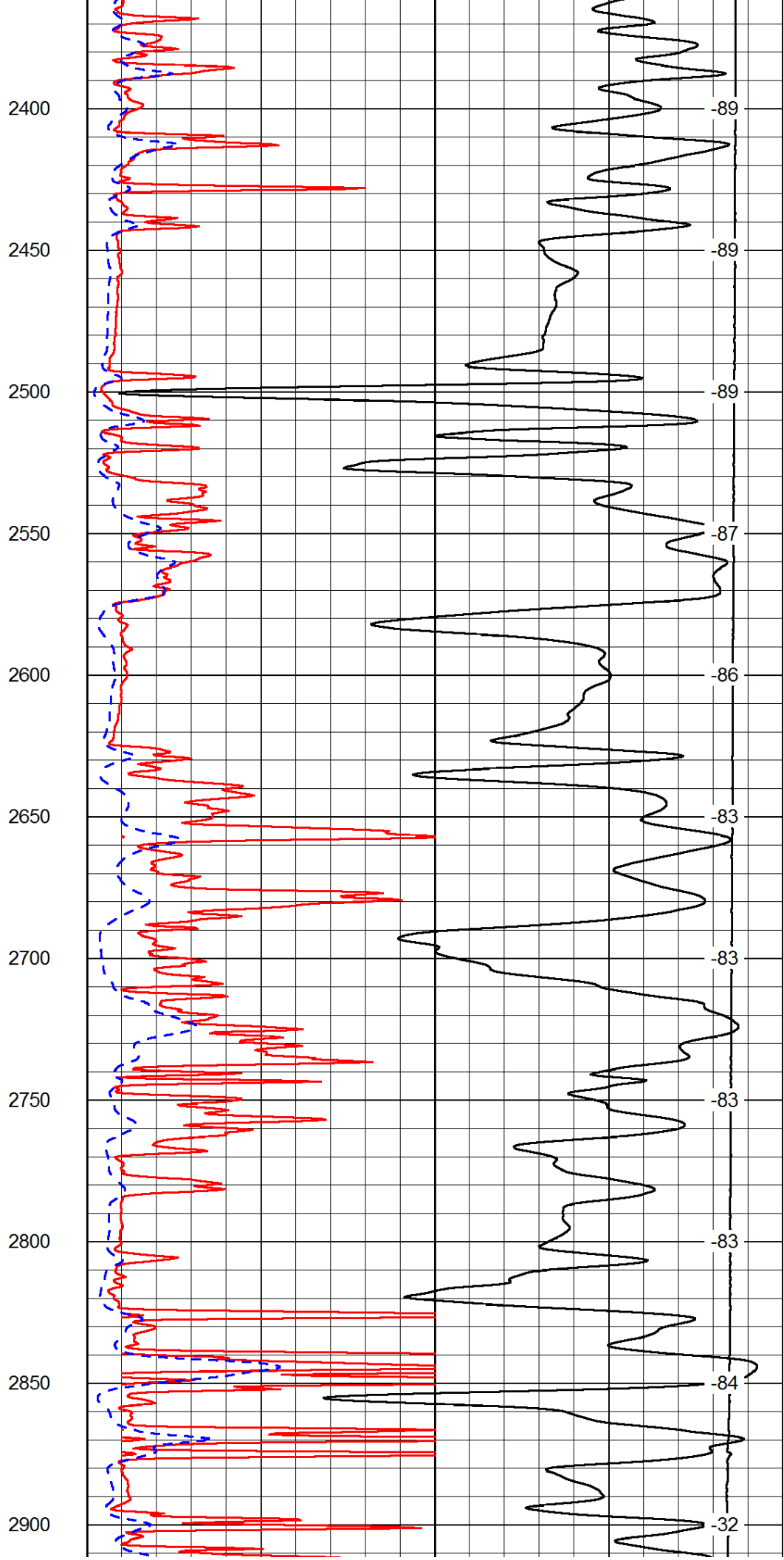
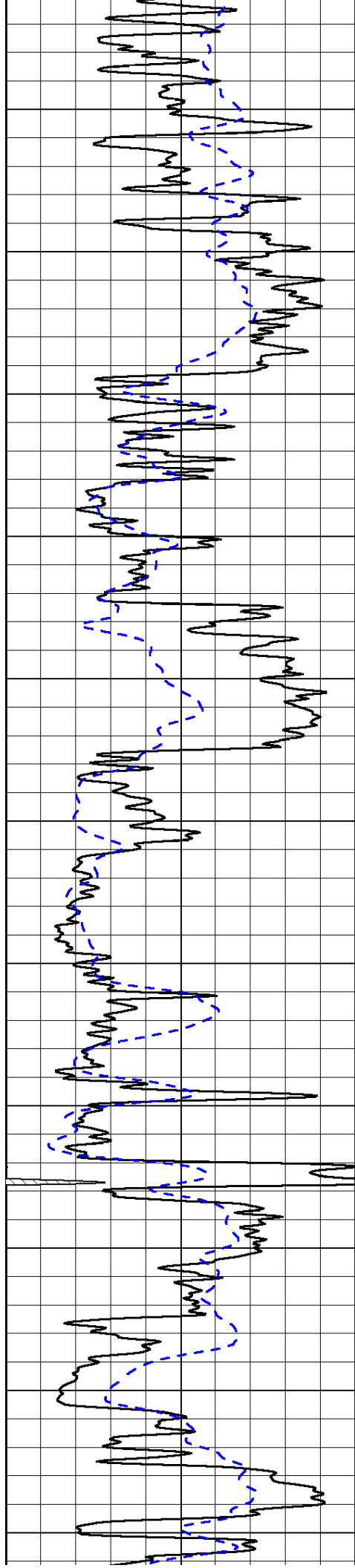
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50	Deep Resistivity	500

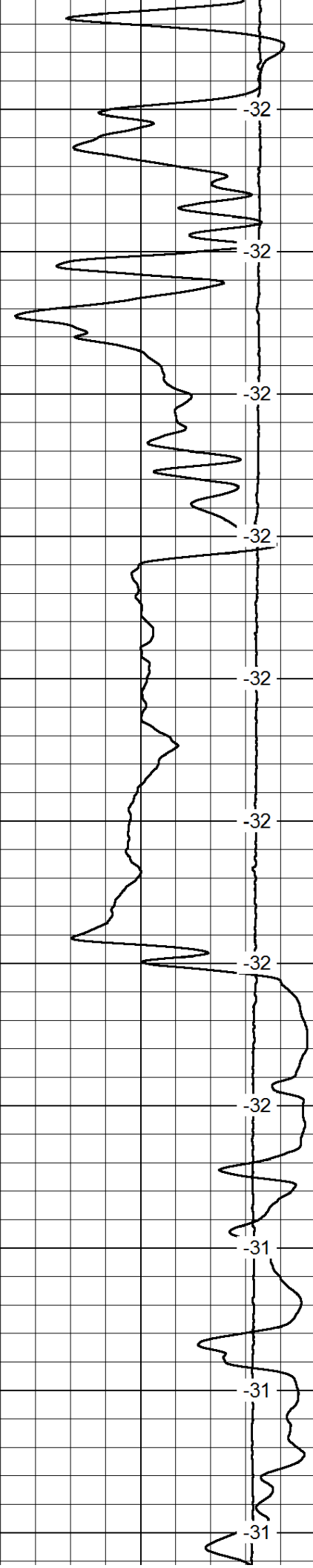
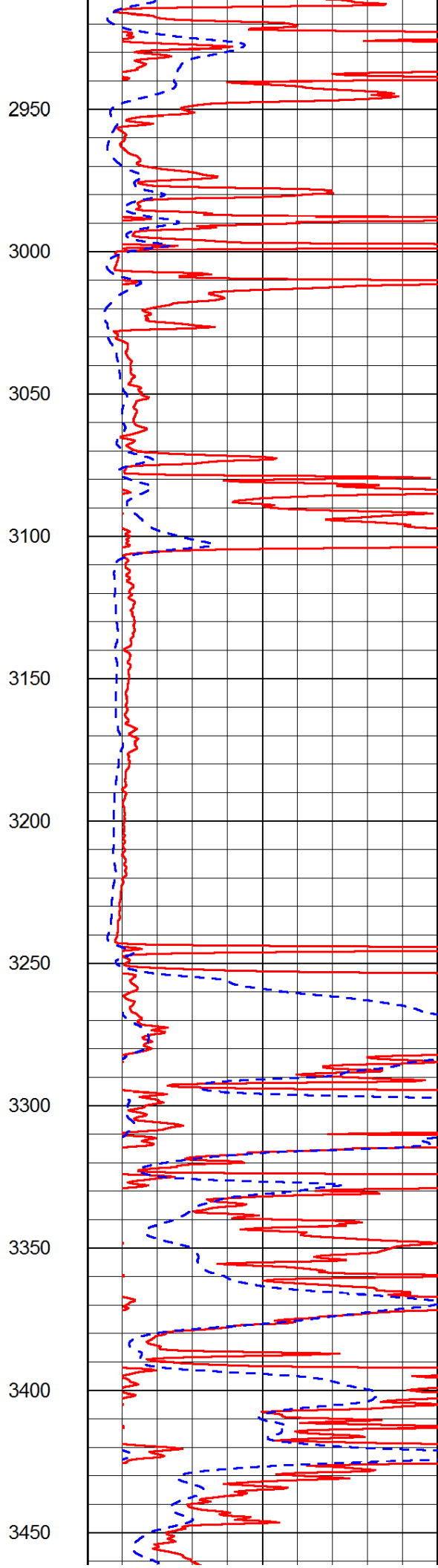
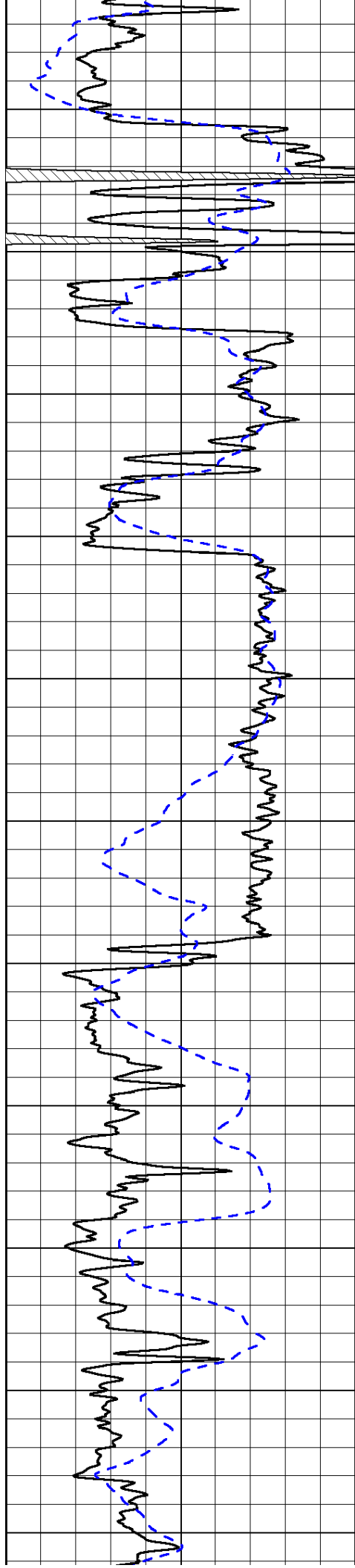


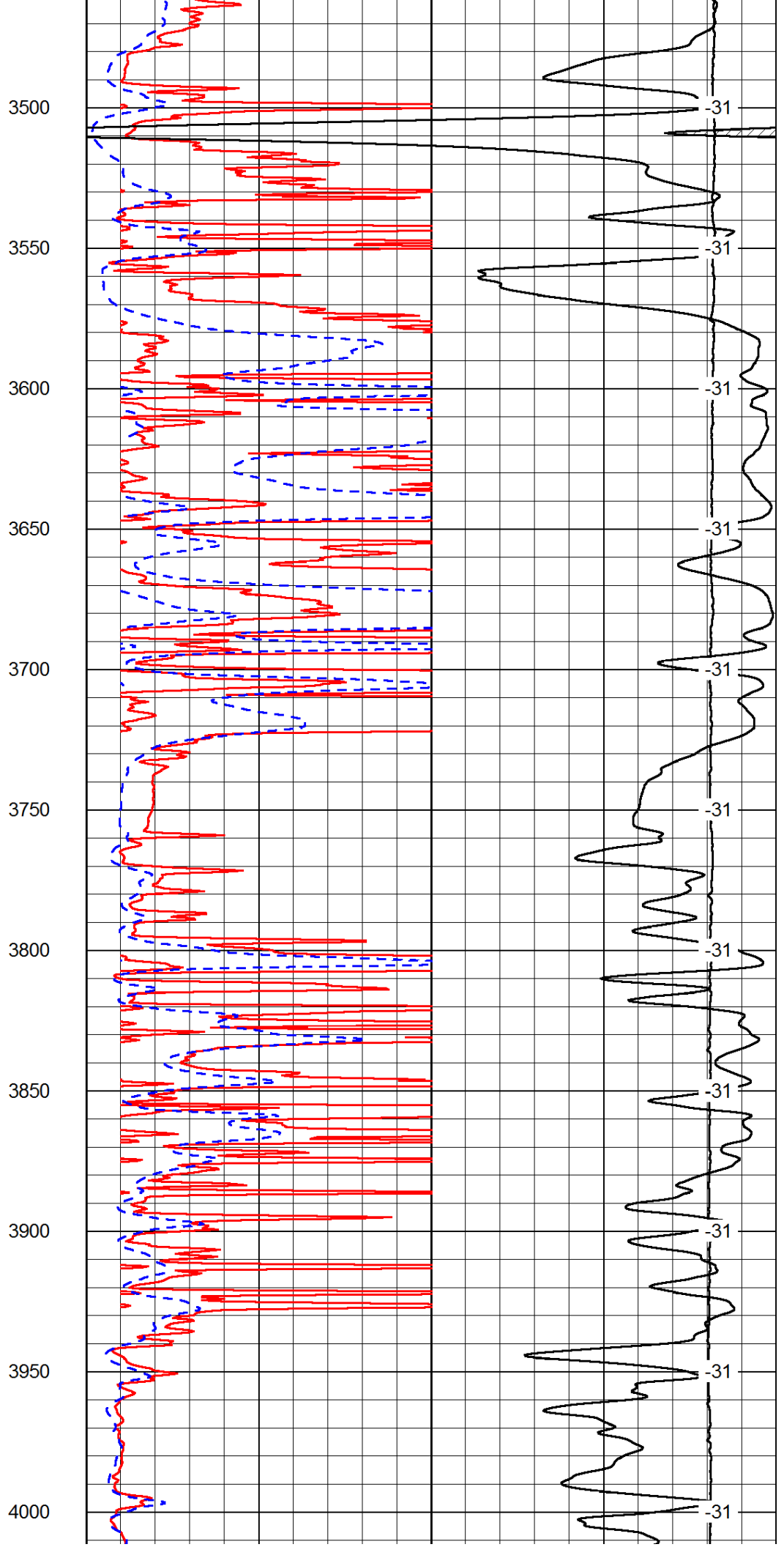
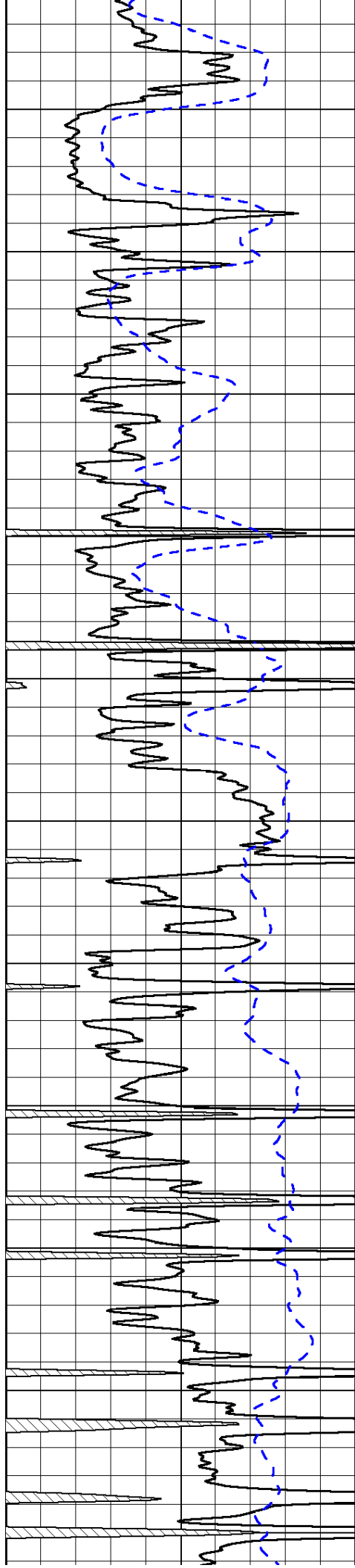


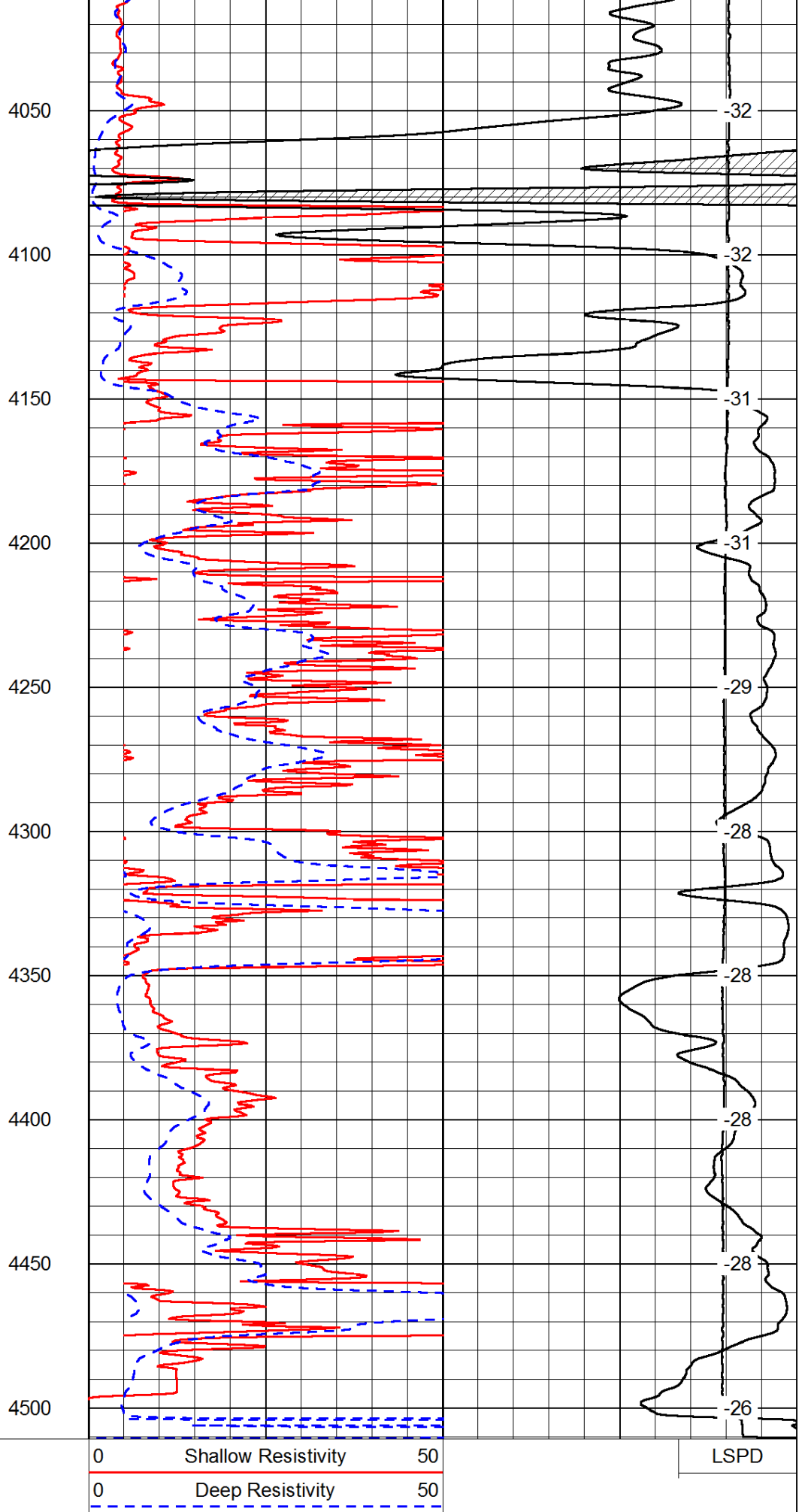
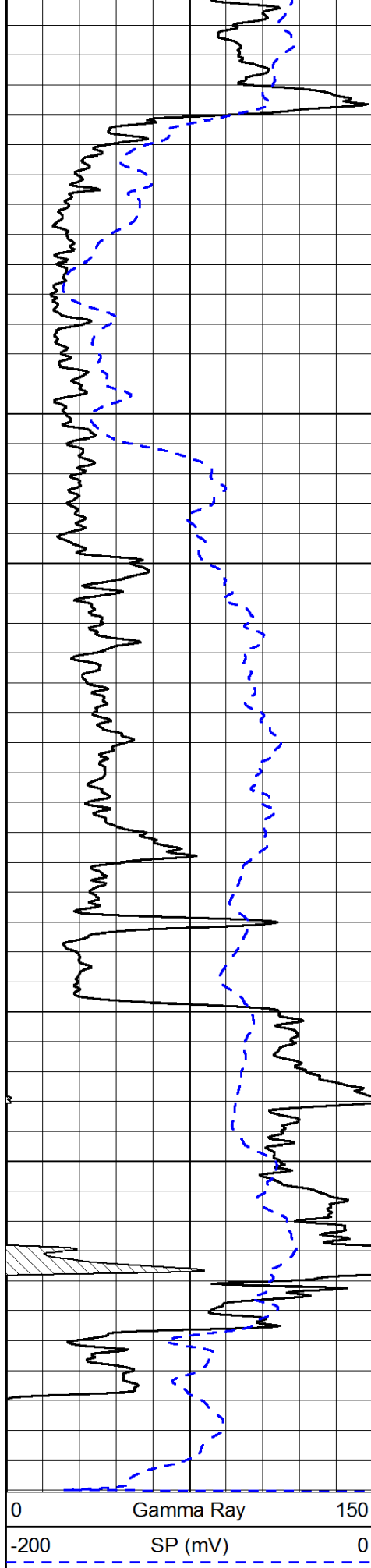












0	Gamma Ray	150
-200	SP (mV)	0
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0

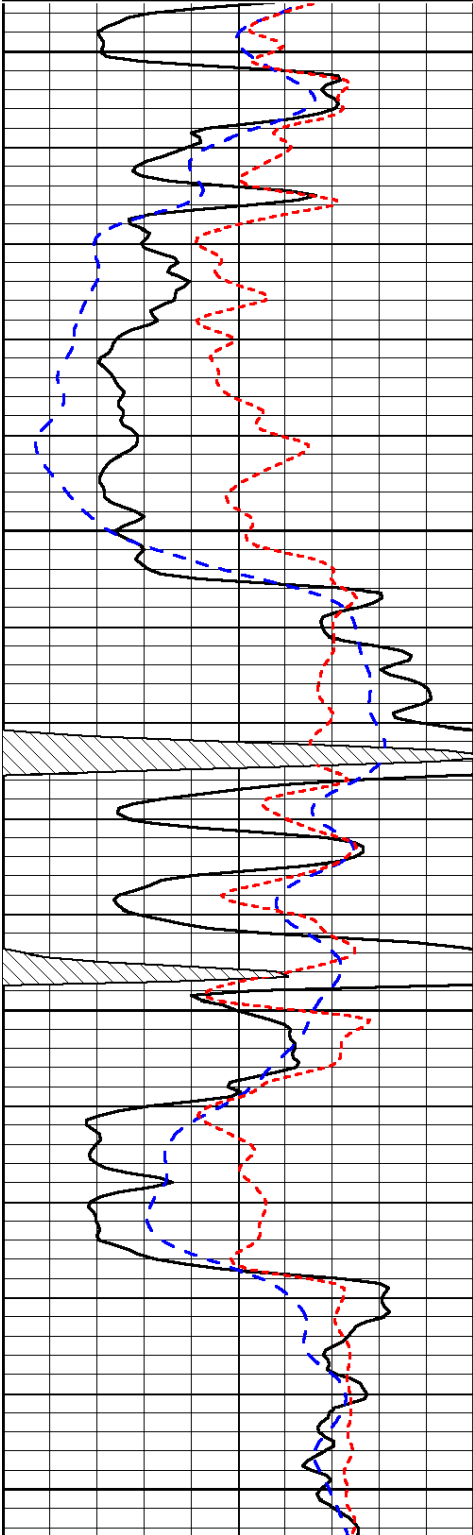
50	Shallow Resistivity	500
50	Deep Resistivity	500

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 Dataset Pathname: DIL/novystk
 Presentation Format: dil
 Dataset Creation: Sat Sep 08 02:34:52 2012
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

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

LSPD

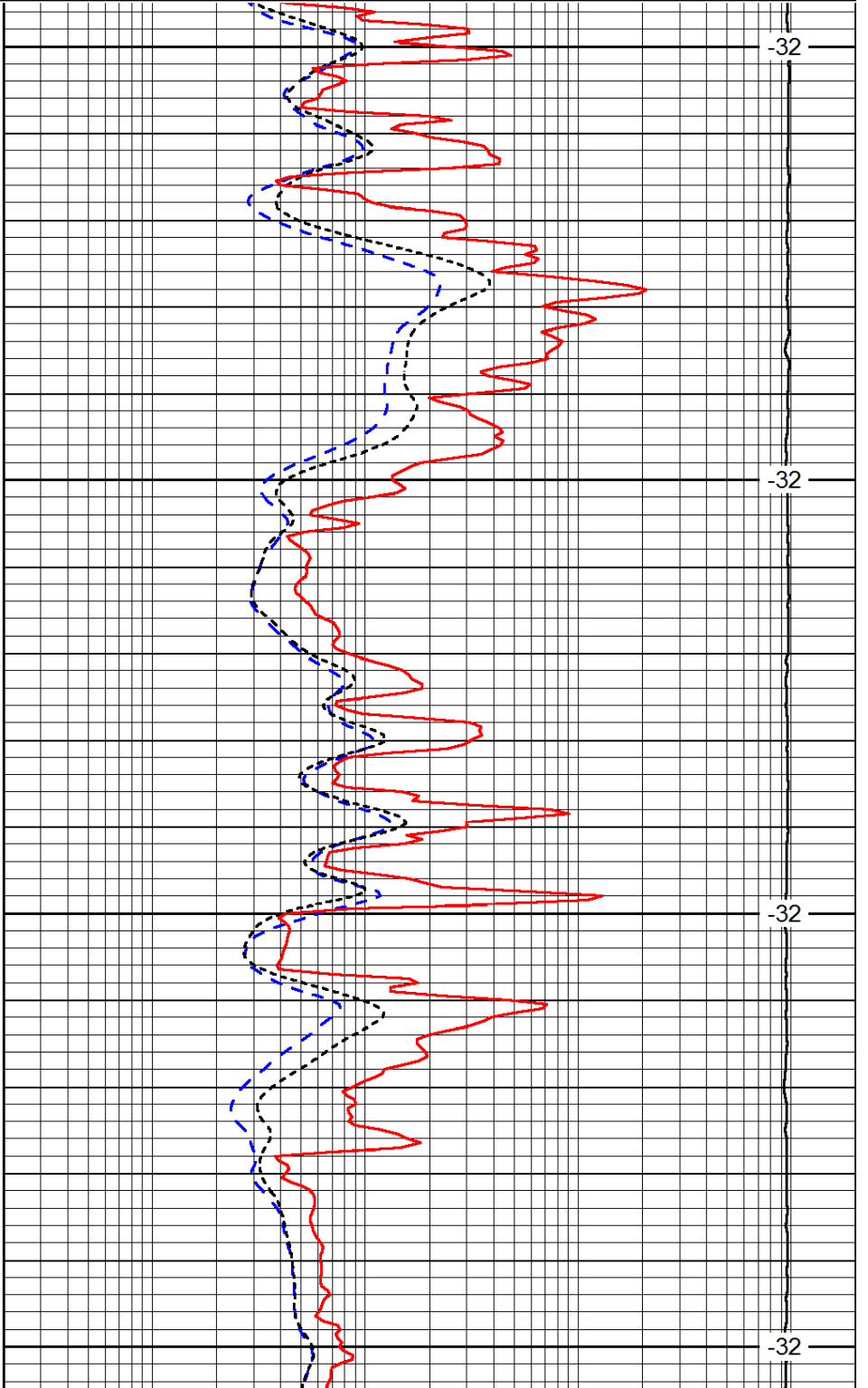


2900

2950

3000

3050

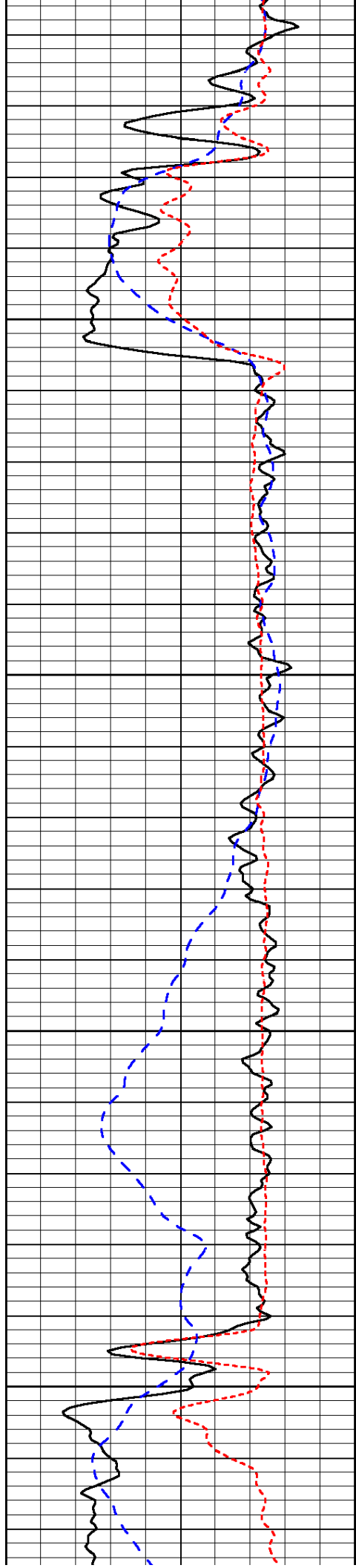


-32

-32

-32

-32

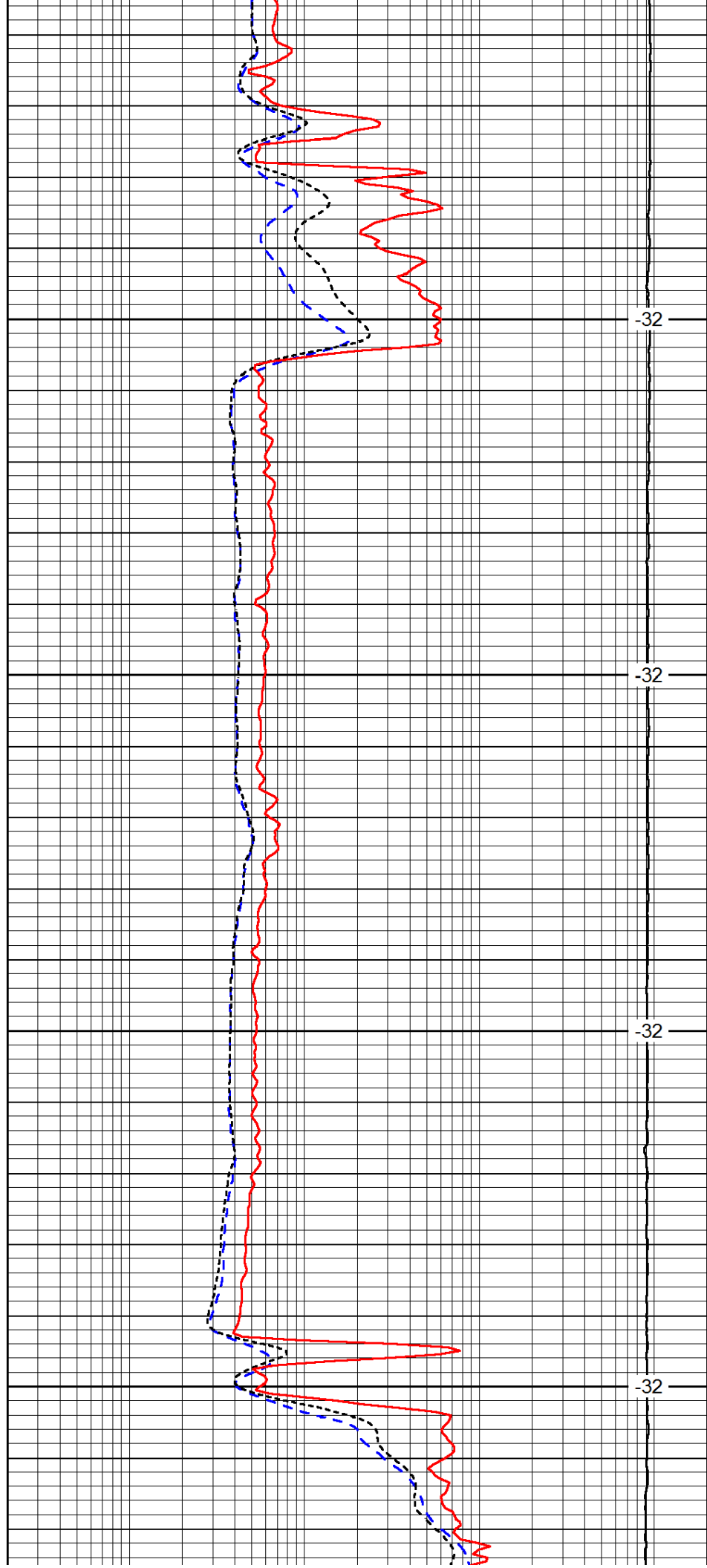


3100

3150

3200

3250

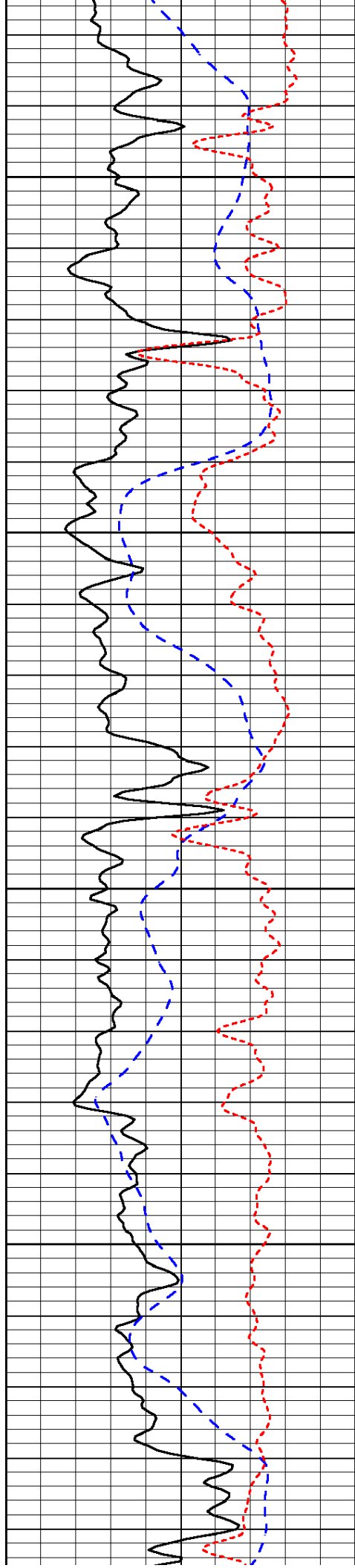


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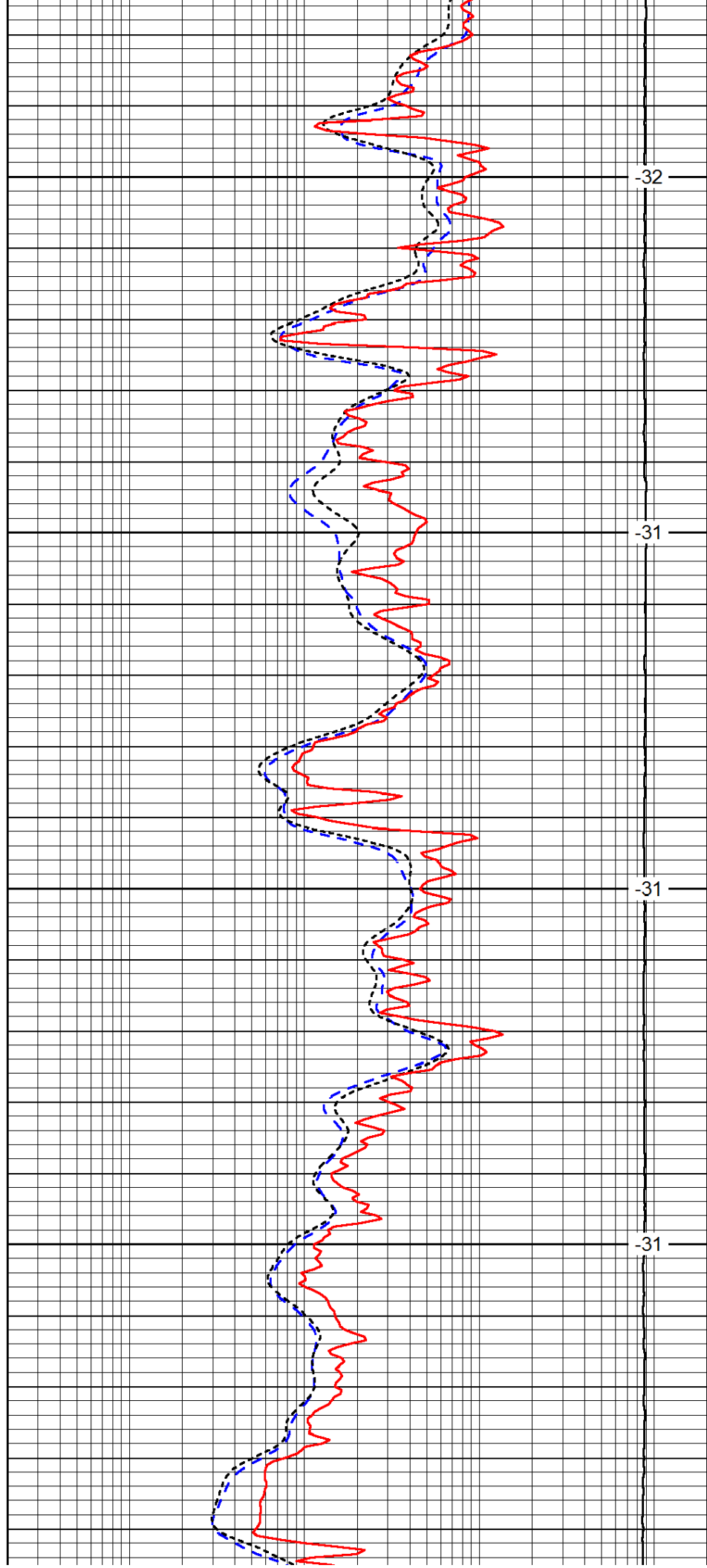


3300

3350

3400

3450

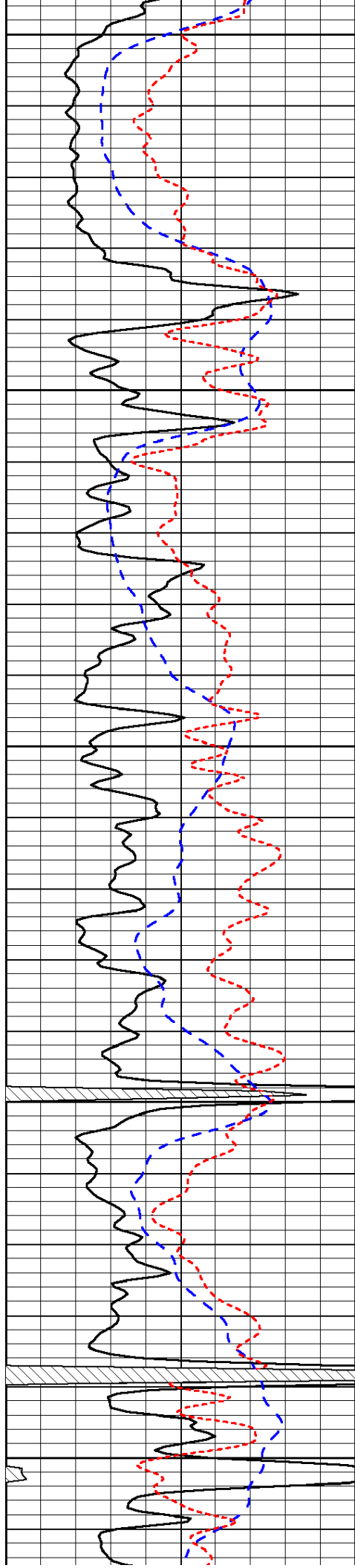


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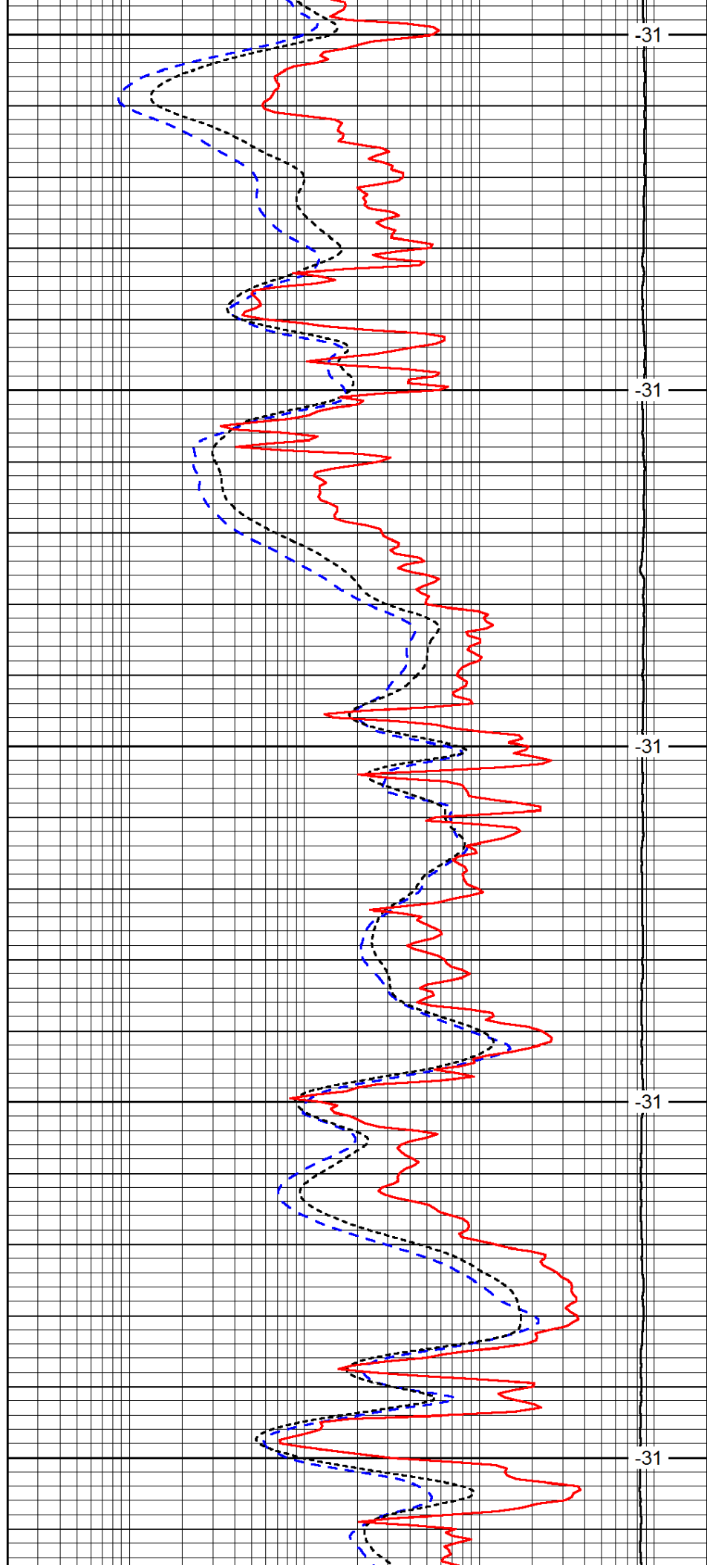
3500

3550

3600

3650

3700



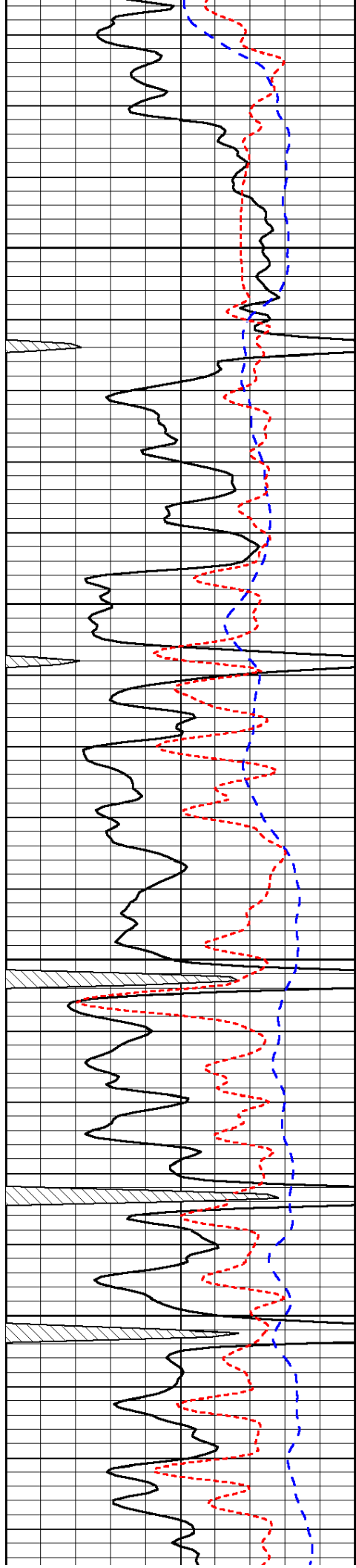
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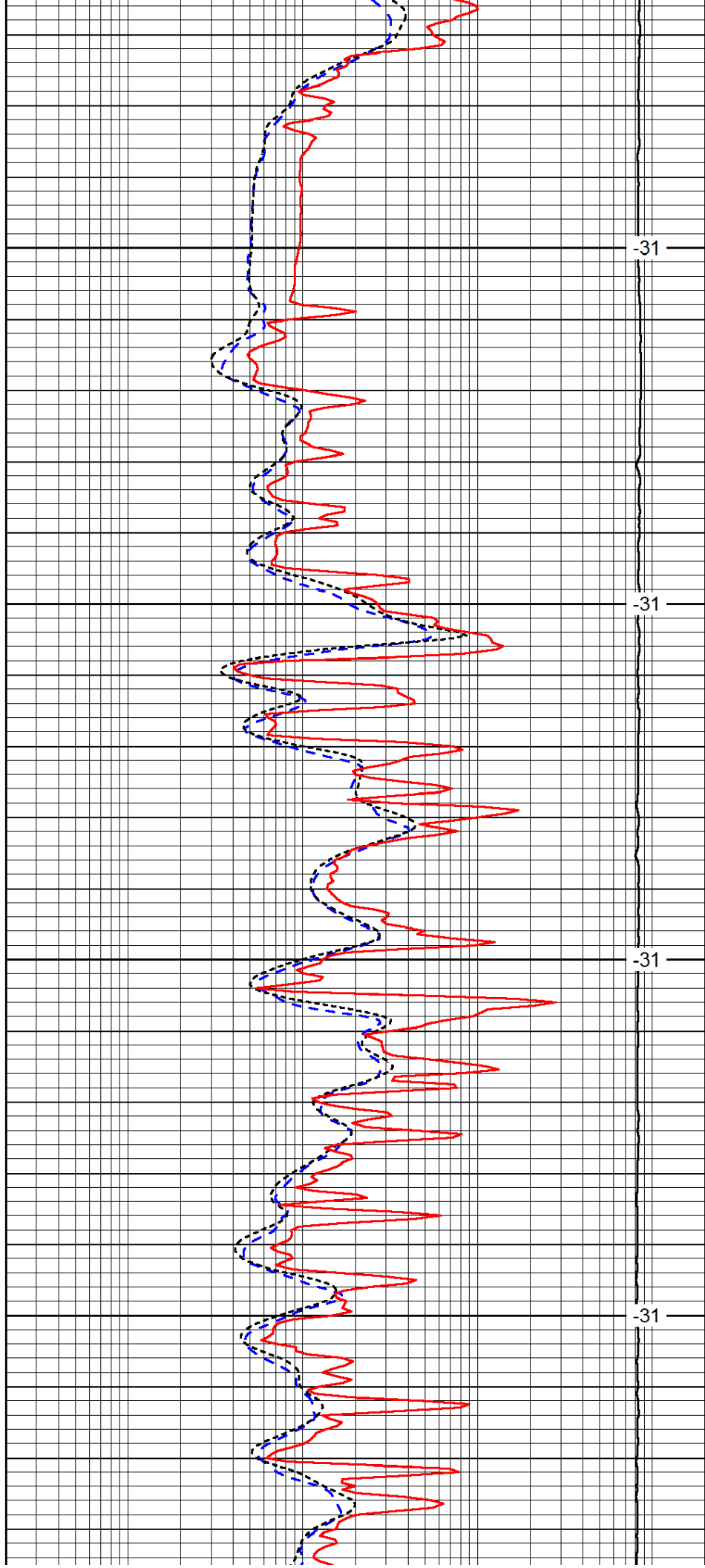


3750

3800

3850

3900

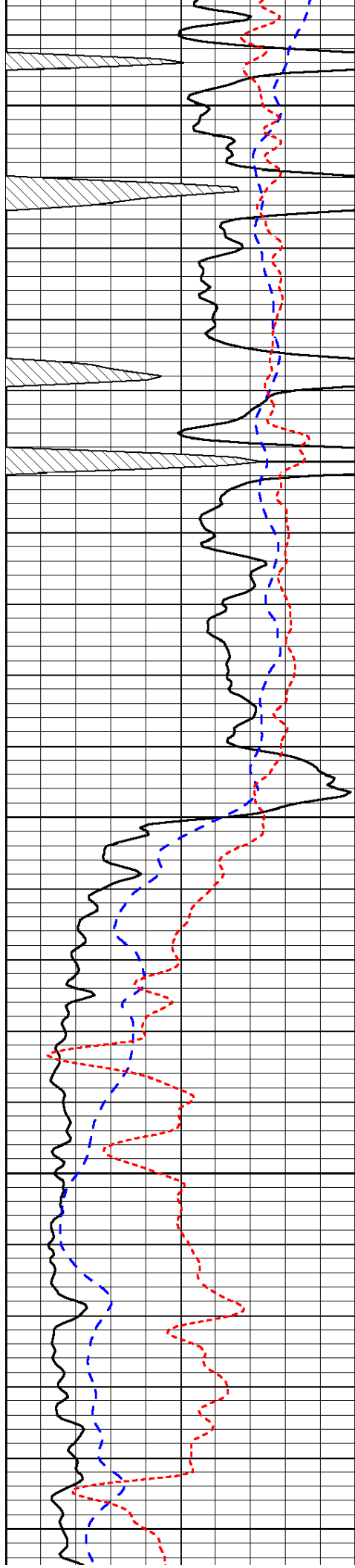


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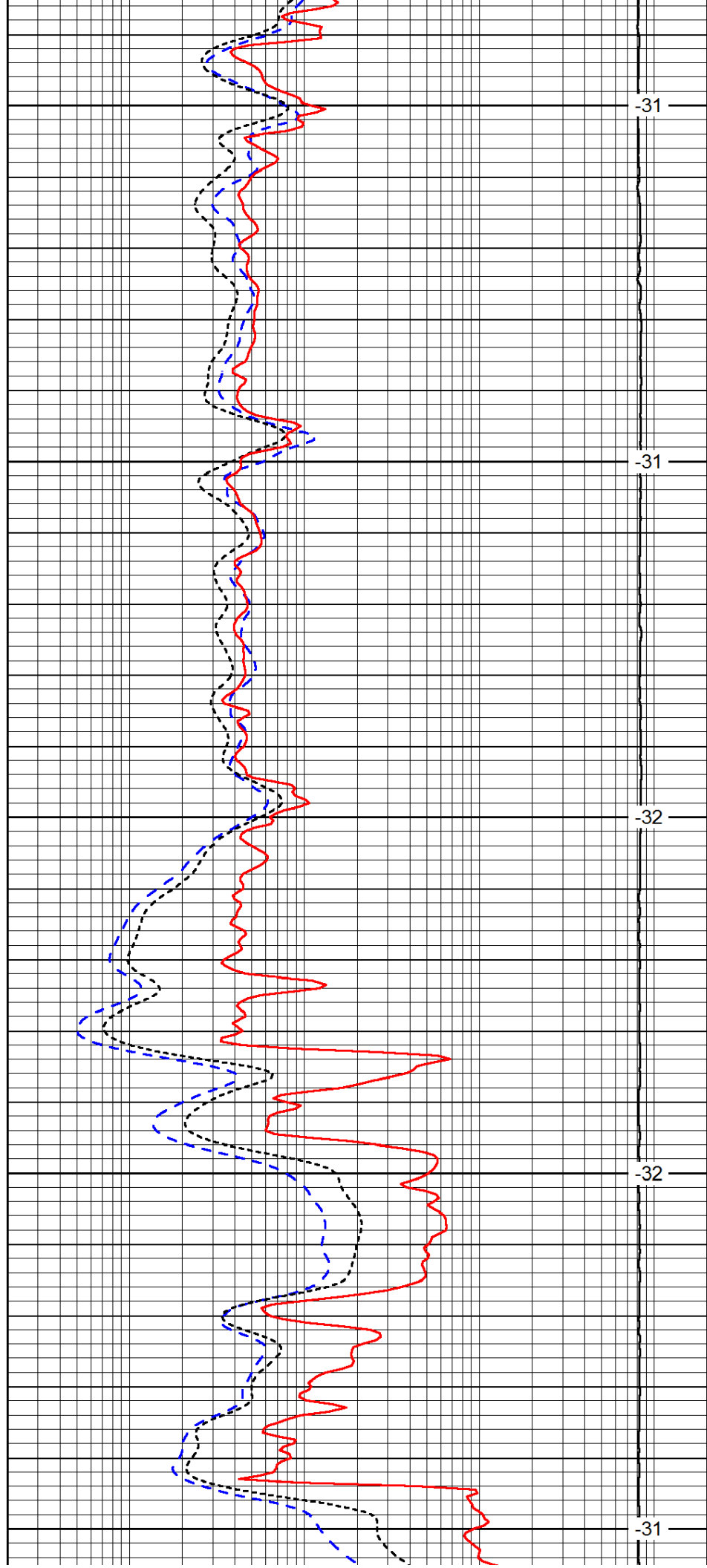
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4000

4050

4100

4150



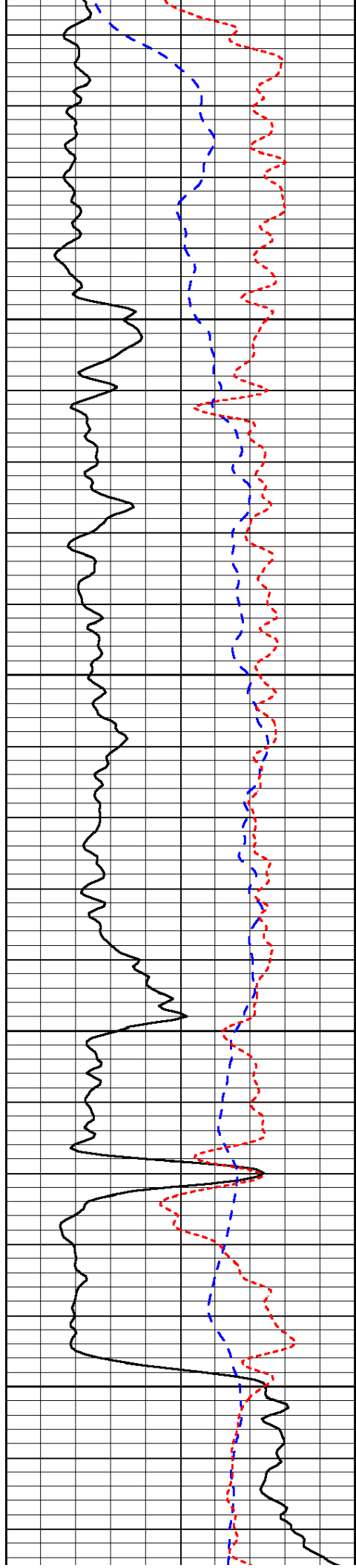
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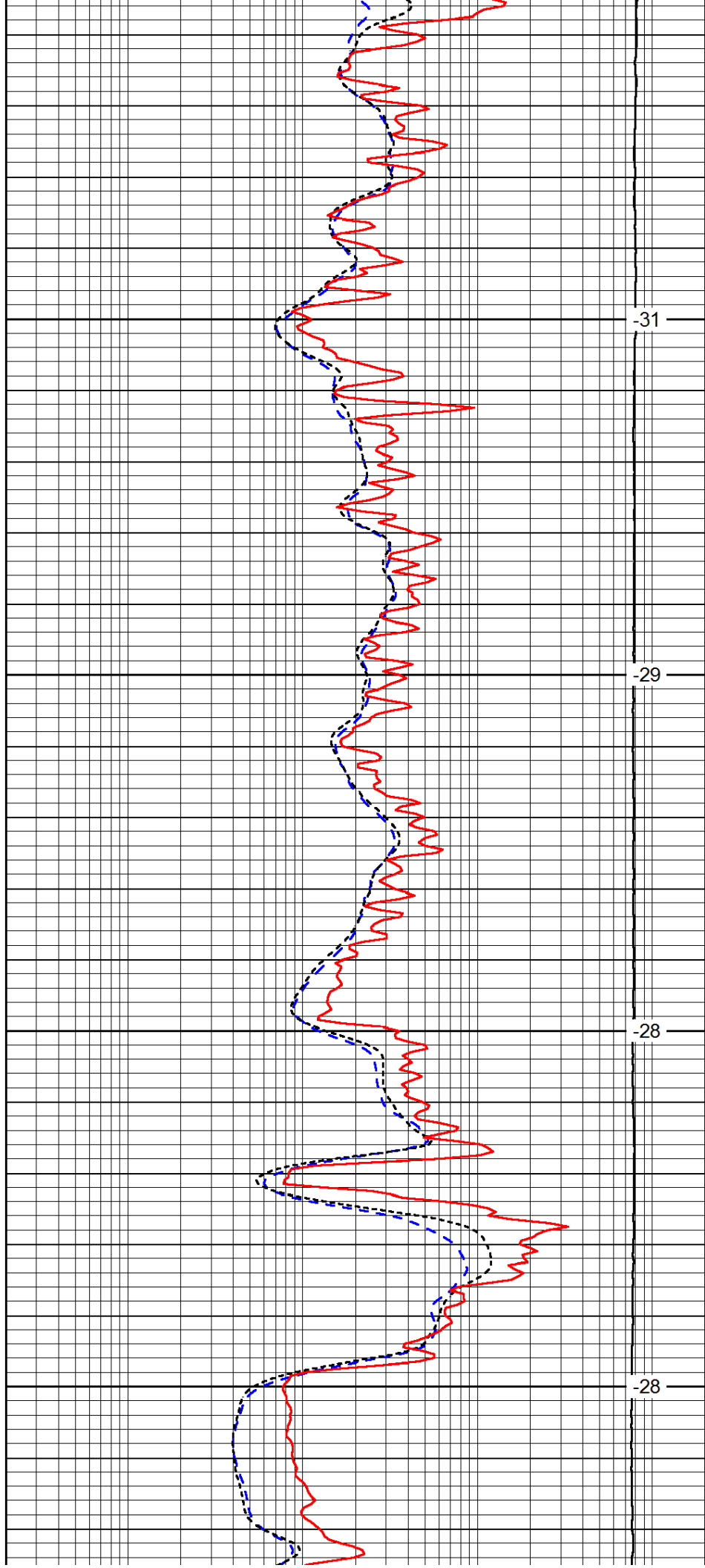


4200

4250

4300

4350

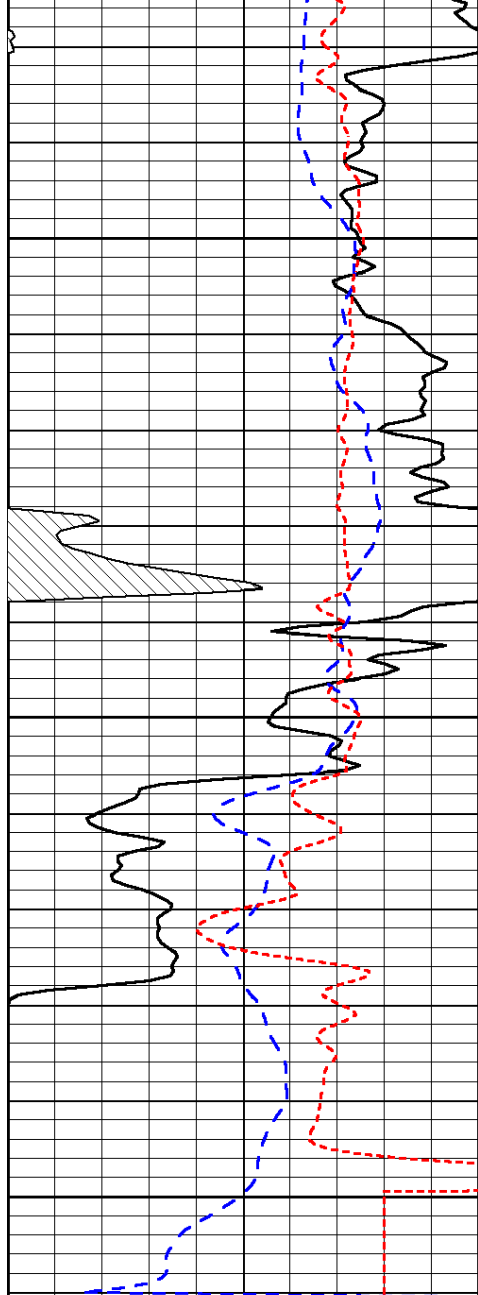


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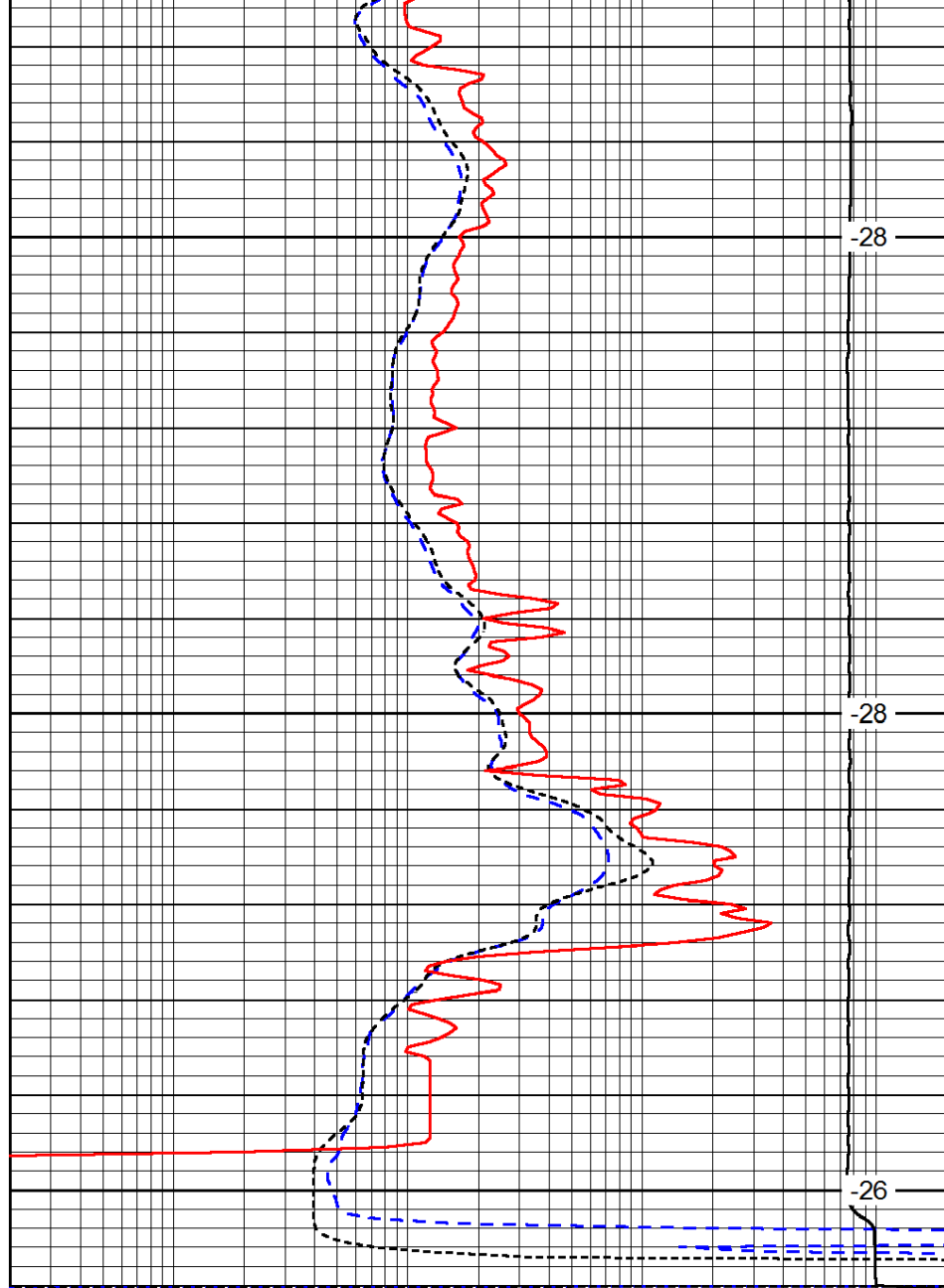


0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

4400

4450

4500



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

LSPD