



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company Indian Oil Corporation, Inc.		
	Well Lawrence No. 1		
	Field Whelan		
	County Barber	State	Kansas
15-007-23500-00-00	Location	1580' FSL & 2975' FEL	
	Sec: 30	Twp: 31 S	Rge: 11 W
	Permanent Datum Ground Level		Elevation 1514
	Log Measured From Kelly Bushing		10 Ft. Above Perm. Datum
	Drilling Measured From Kelly Bushing		K.B. 1524 D.F. 1514 G.L. 1514
Date	03/03/2010		
Run Number	One		
Depth Driller	4450		
Depth Logger	4448		
Bottom Logged Interval	4447		
Top Log Interval	250		
Casing Driller	8.625 @ 292		
Casing Logger	290		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	5.000		
Density / Viscosity	9.4	52	
pH / Fluid Loss	10.5	9.0	
Source of Sample	Flowline		
Rm @ Meas. Temp	.5 @ 65		
Rmf @ Meas. Temp	.37 @ 65		
Rmc @ Meas. Temp	.67 @ 65		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.27 @ 122		
Operating Rig Time	2 Hours		
Max Rec. Temp. F	122		
Equipment Number	10		
Location	Hays		
Recorded By	Jason Wellbrock		
Witnessed By	Scott Alberg		

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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

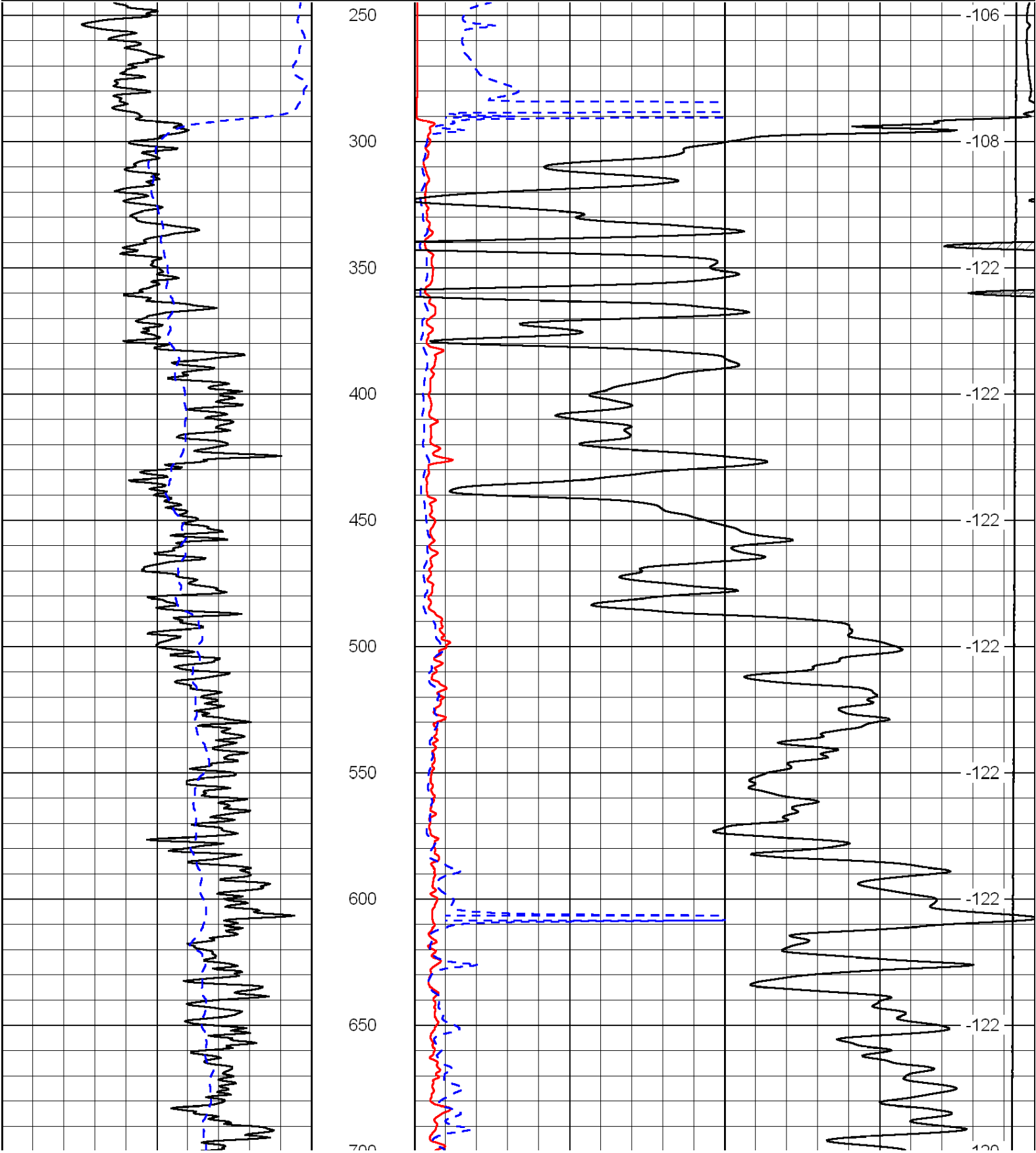
Thank you for using Log-Tech, Inc.
(785) 625-3858

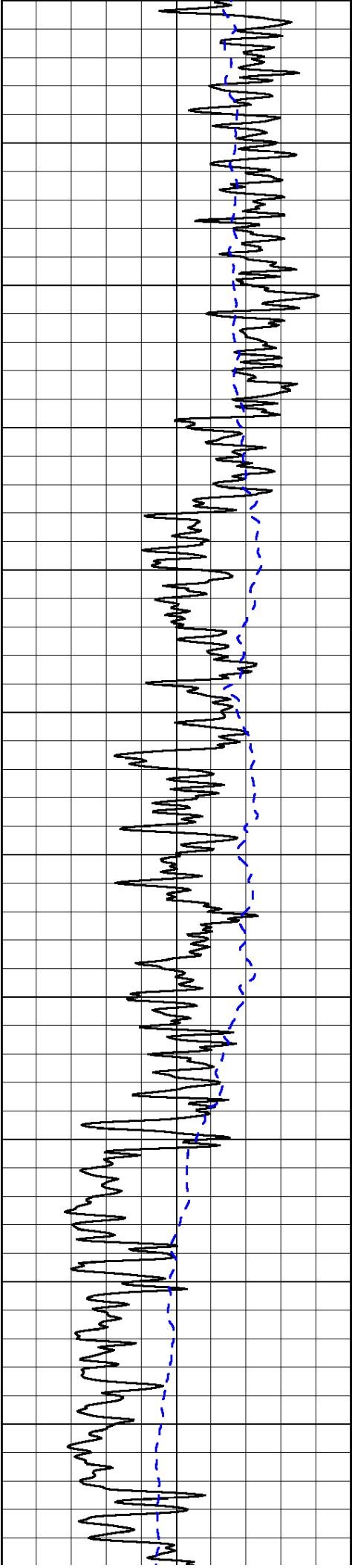
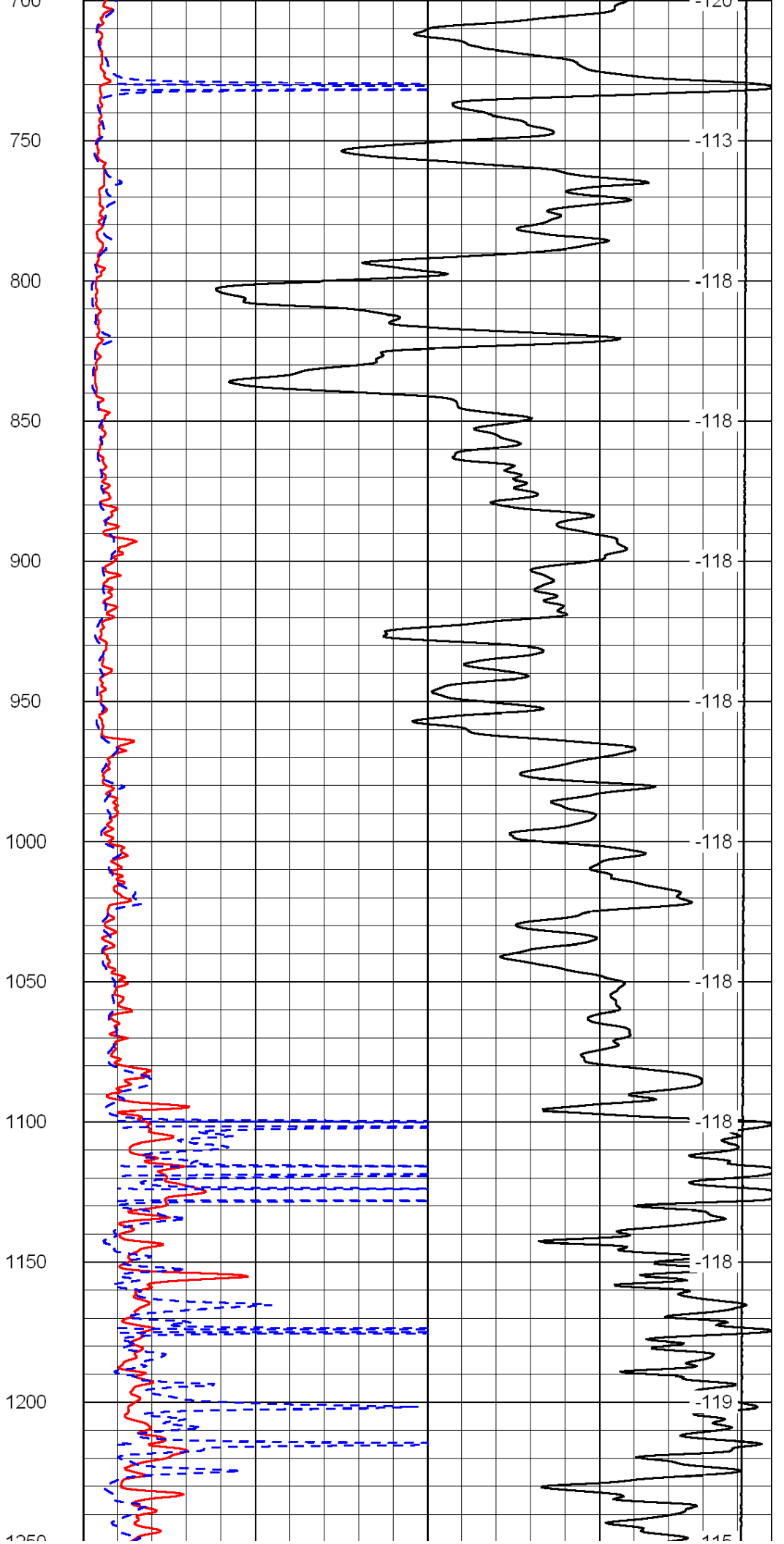
Medicine Lodge E to Isabel rd, 3N, W Into

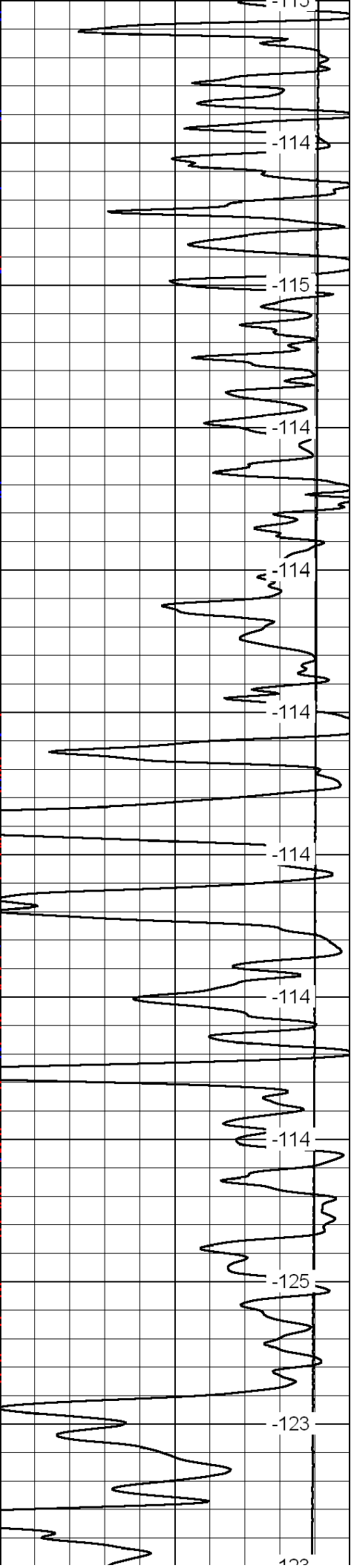
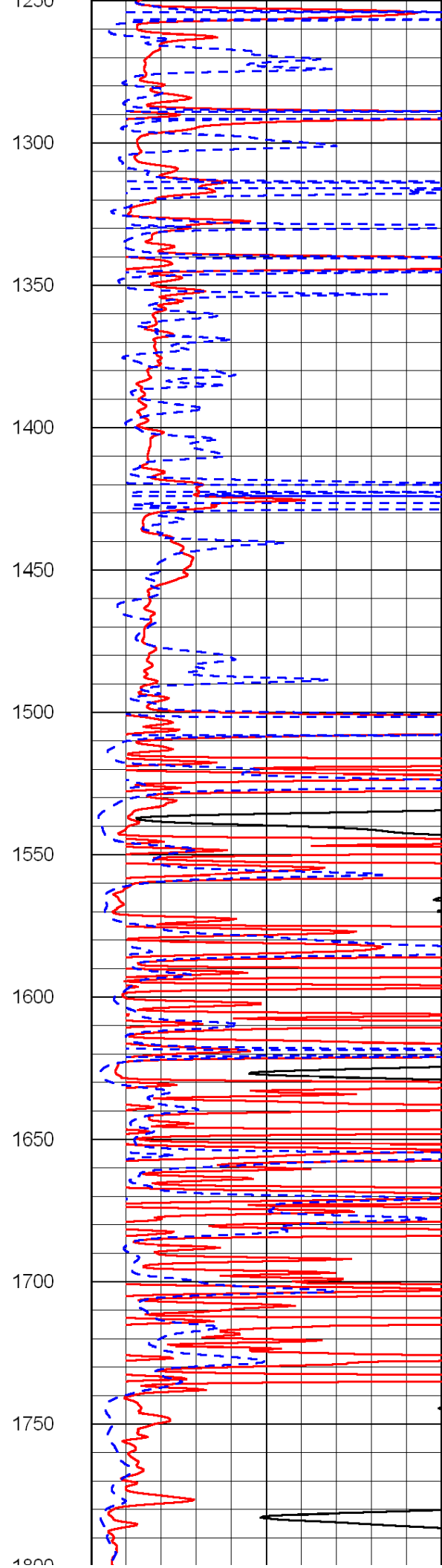
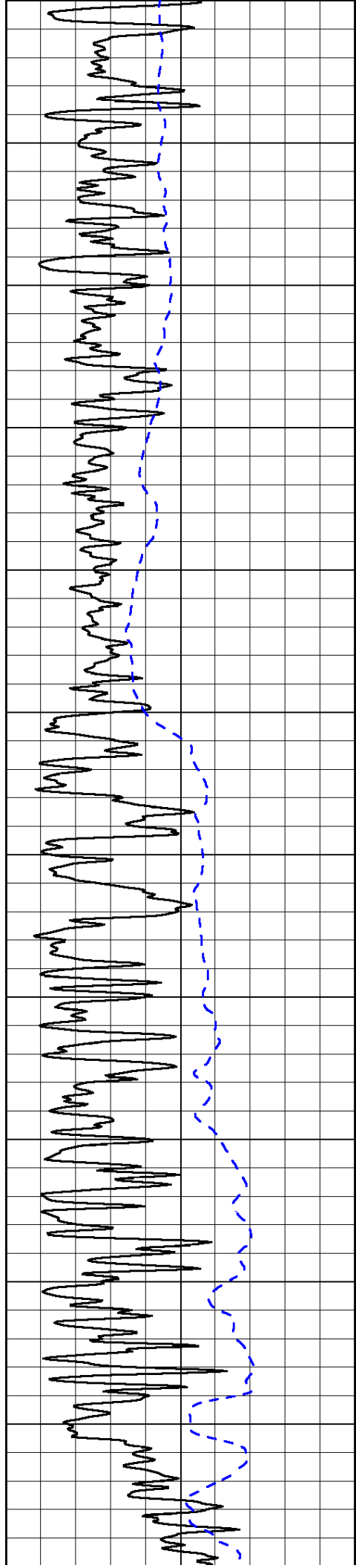
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Dataset Pathname: dil\indian2in
Presentation Format: dil2in
Dataset Creation: Wed Mar 03 08:10:15 2010
Charted by: Depth in Feet scaled 1:600

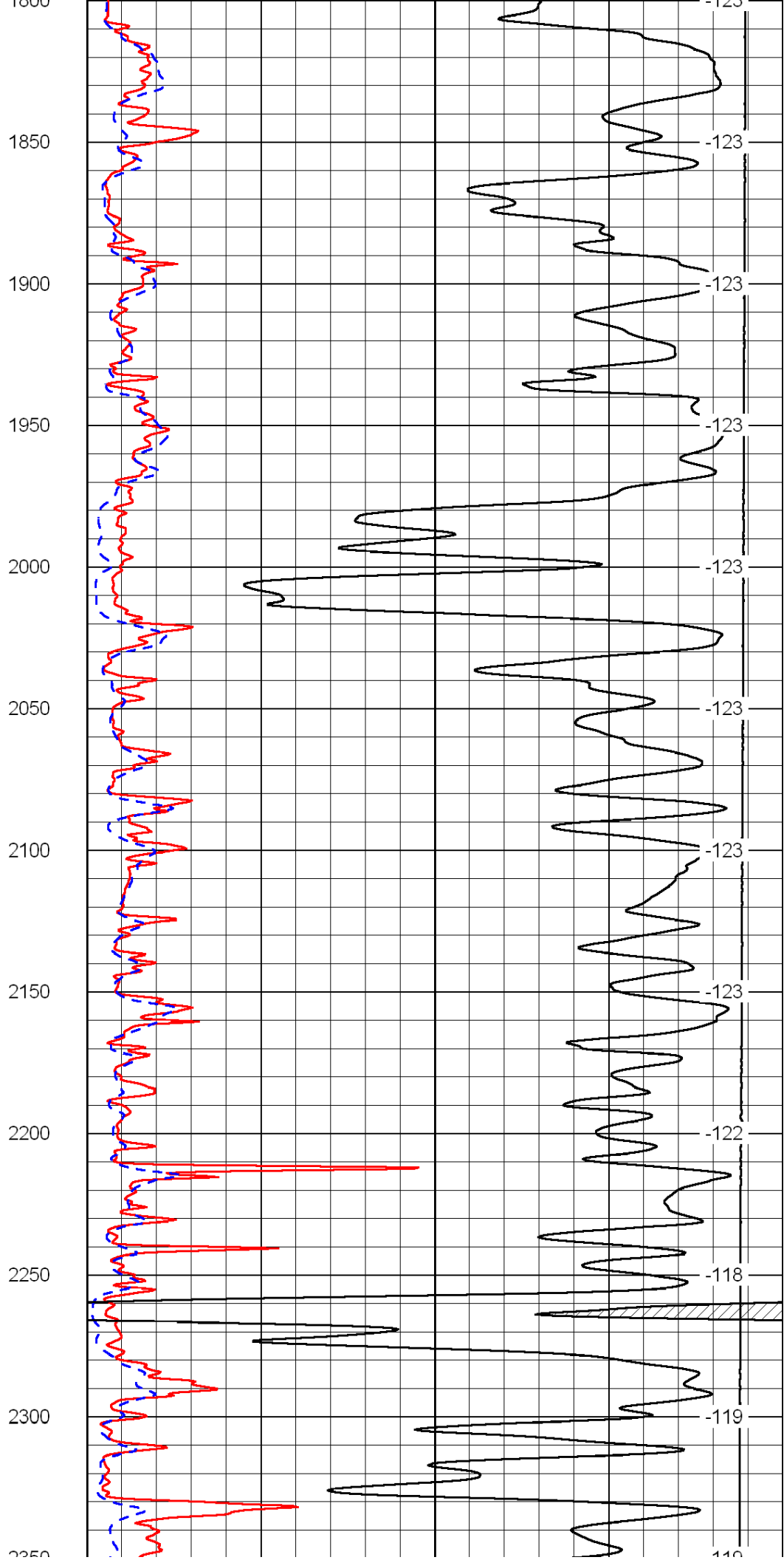
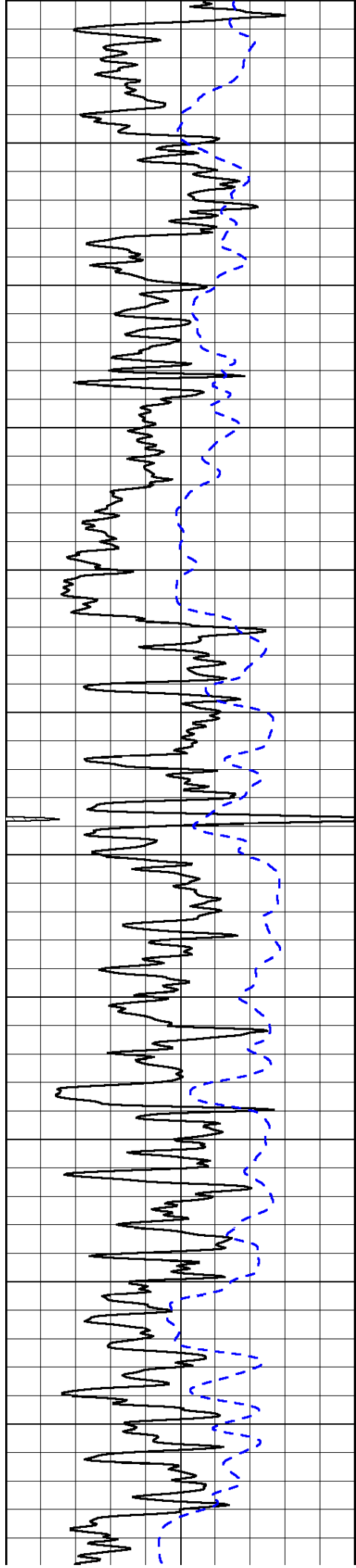
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-200	SP (MV)	0

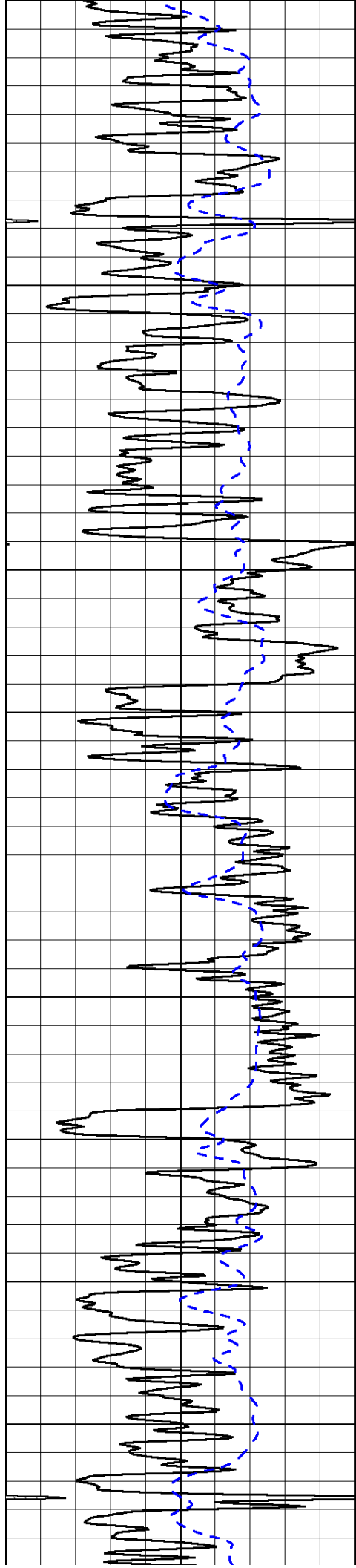
0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0
Shallow Resistivity		
50	(Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500



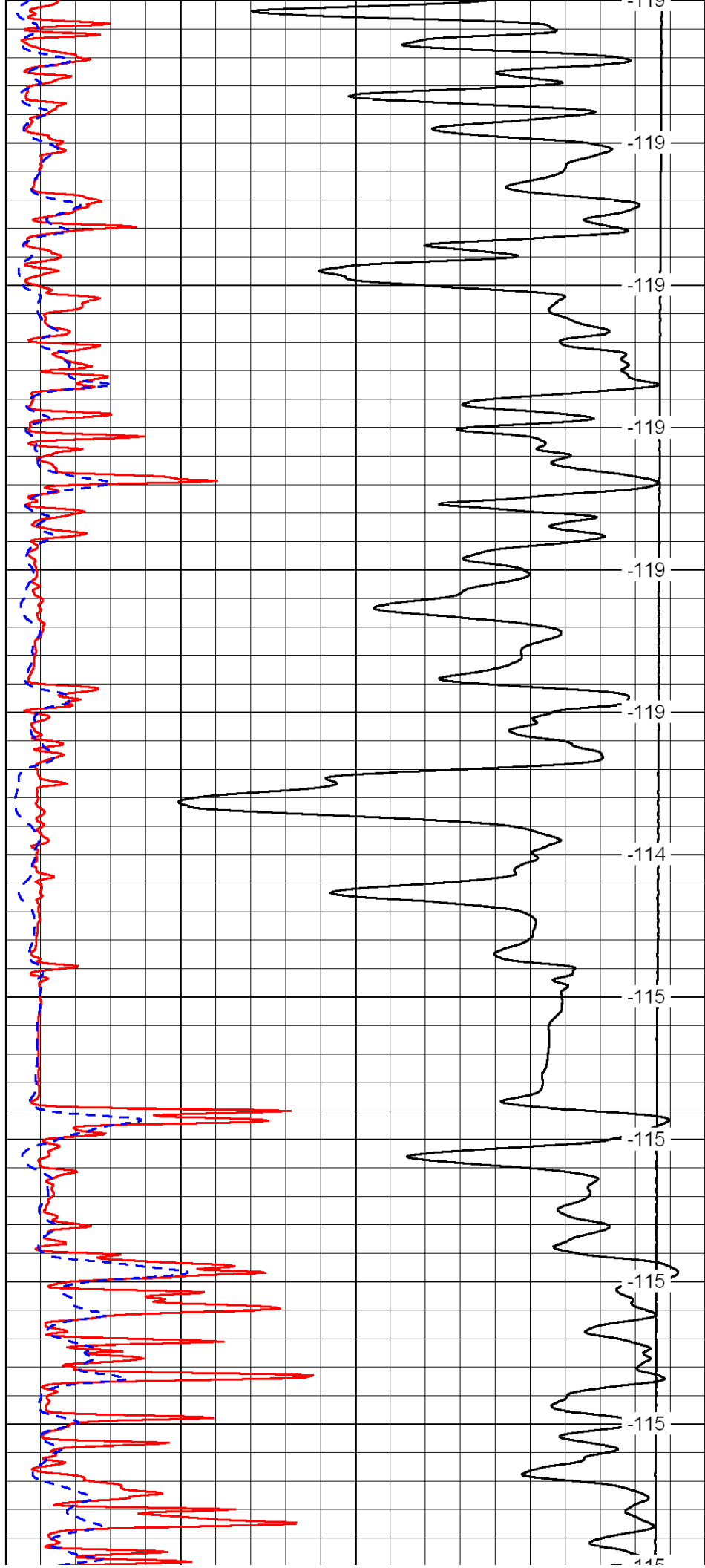


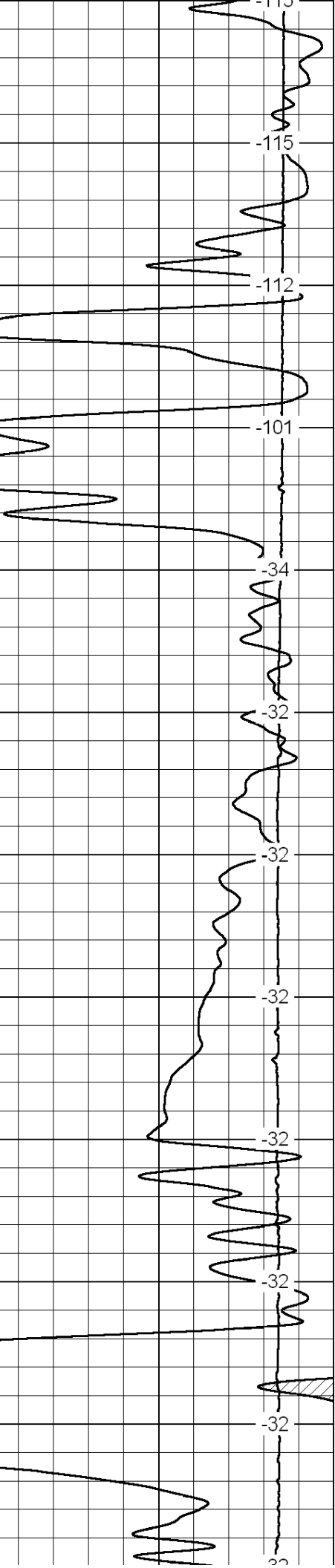
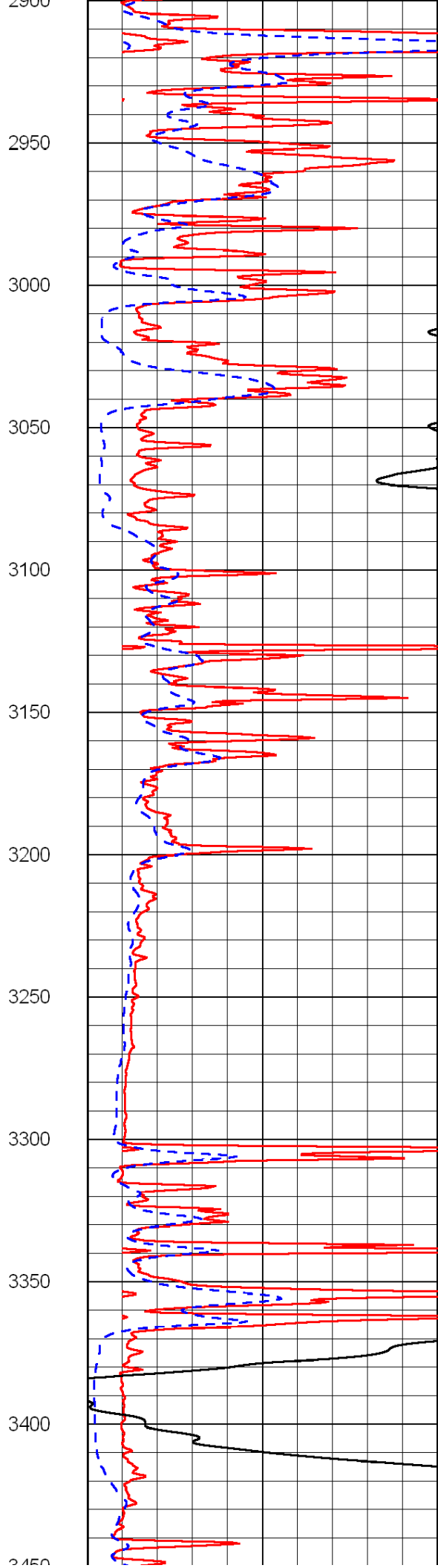
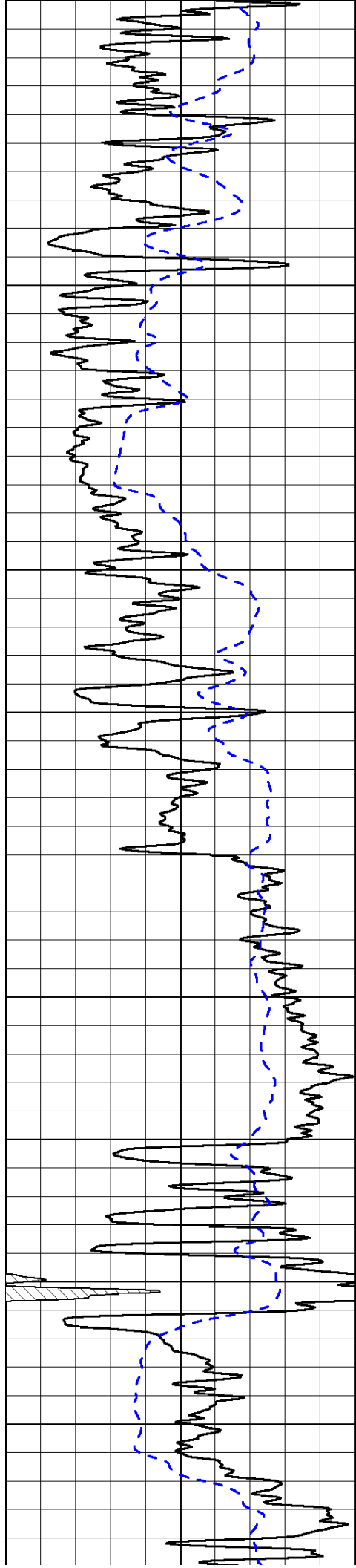


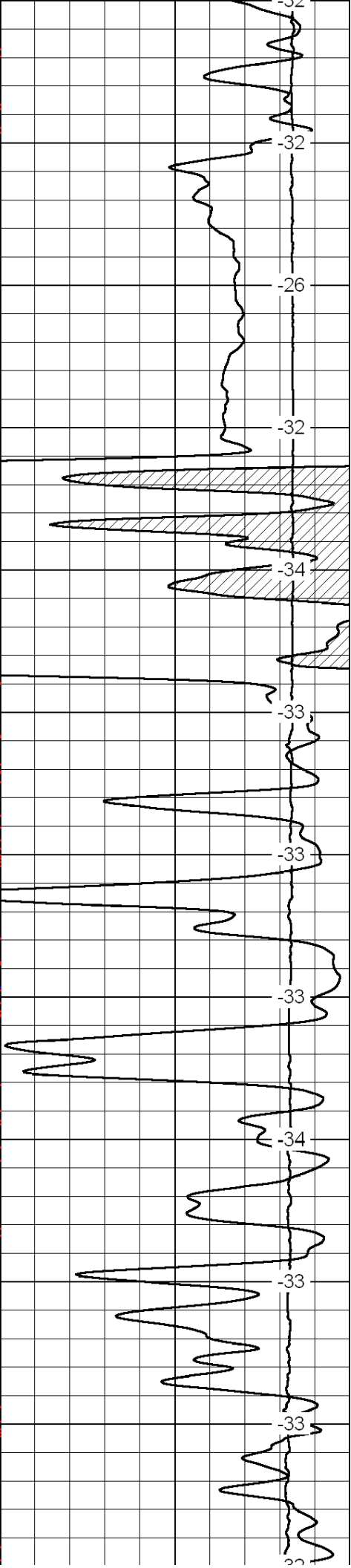
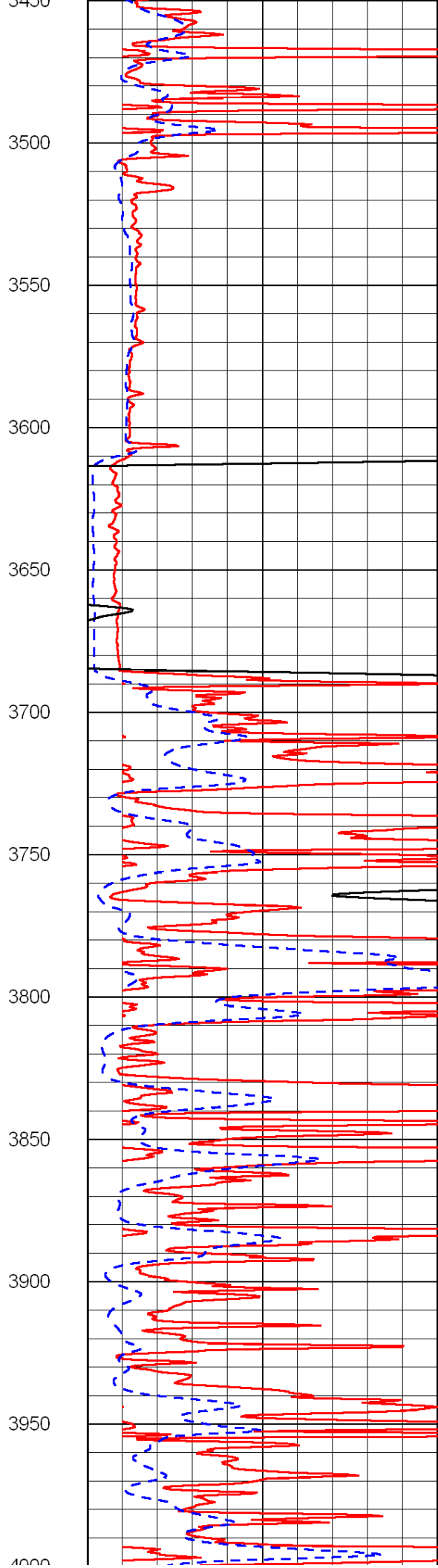
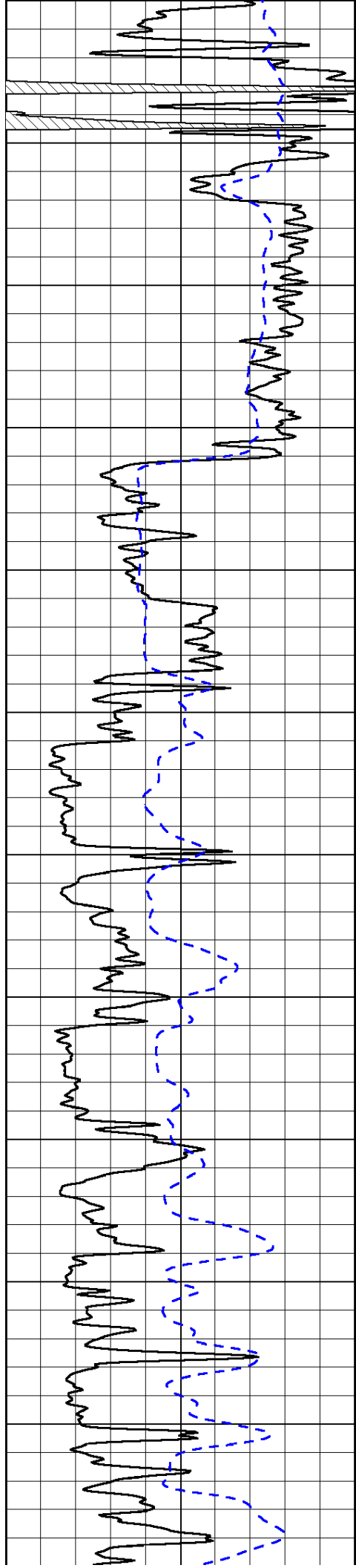


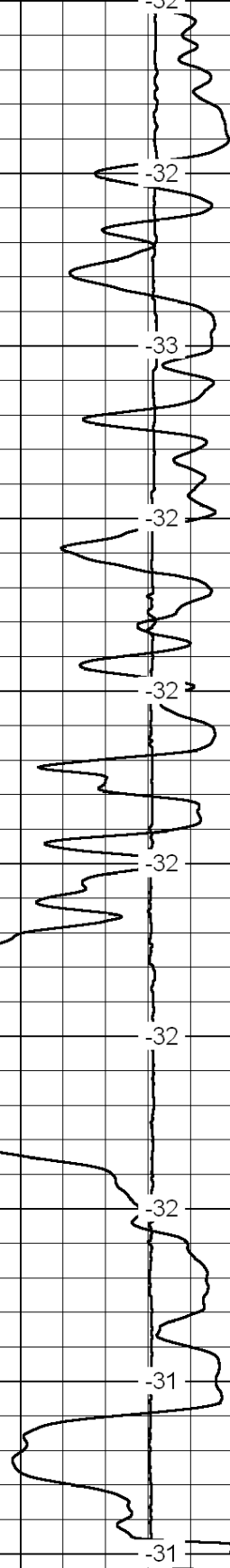
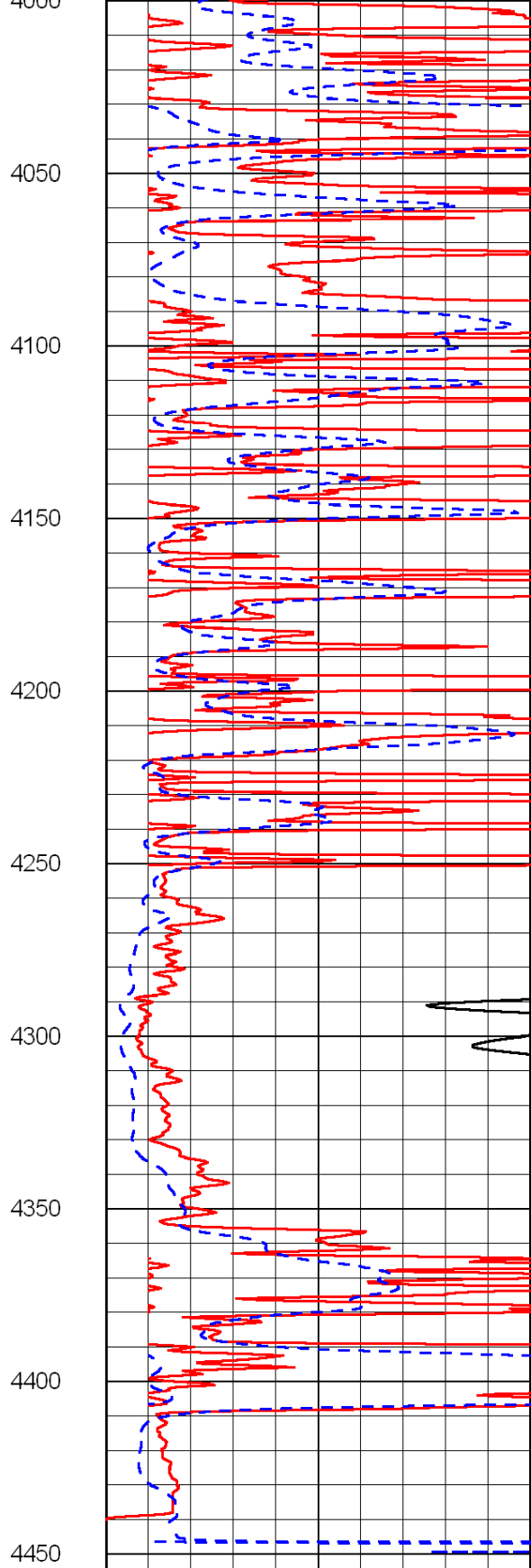
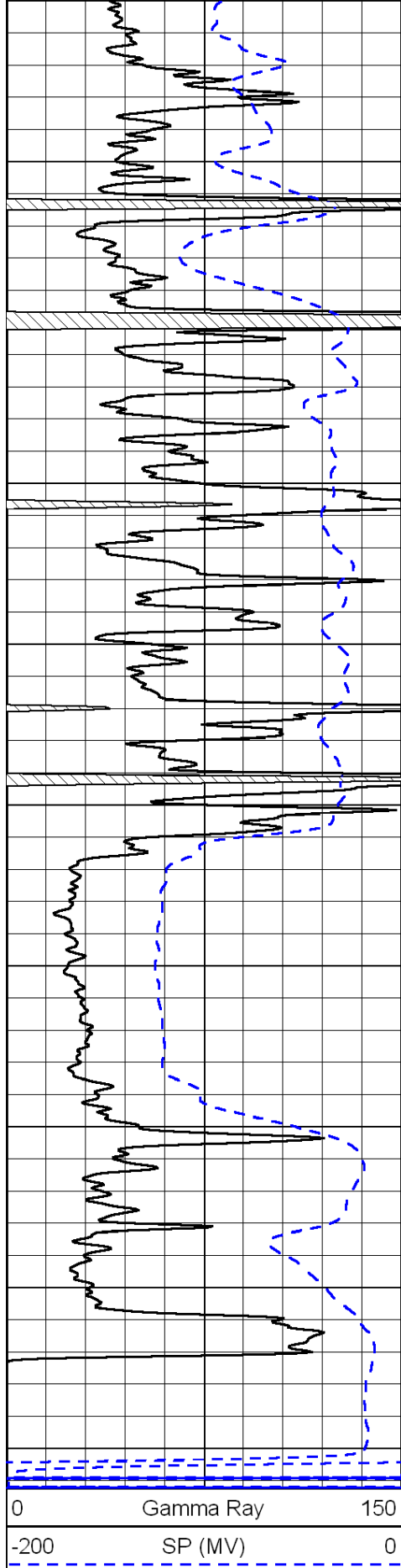


2350
2400
2450
2500
2550
2600
2650
2700
2750
2800
2850
2900









0 Gamma Ray 150
-200 SP (MV) 0

0 Shallow Resistivity (Ohm-m) 50
0 Deep Resistivity (Ohm-m) 50

LSPD
(ft/min)

1000 Conductivity (mmho/m) 0
15000 Line Tension (lb) 0

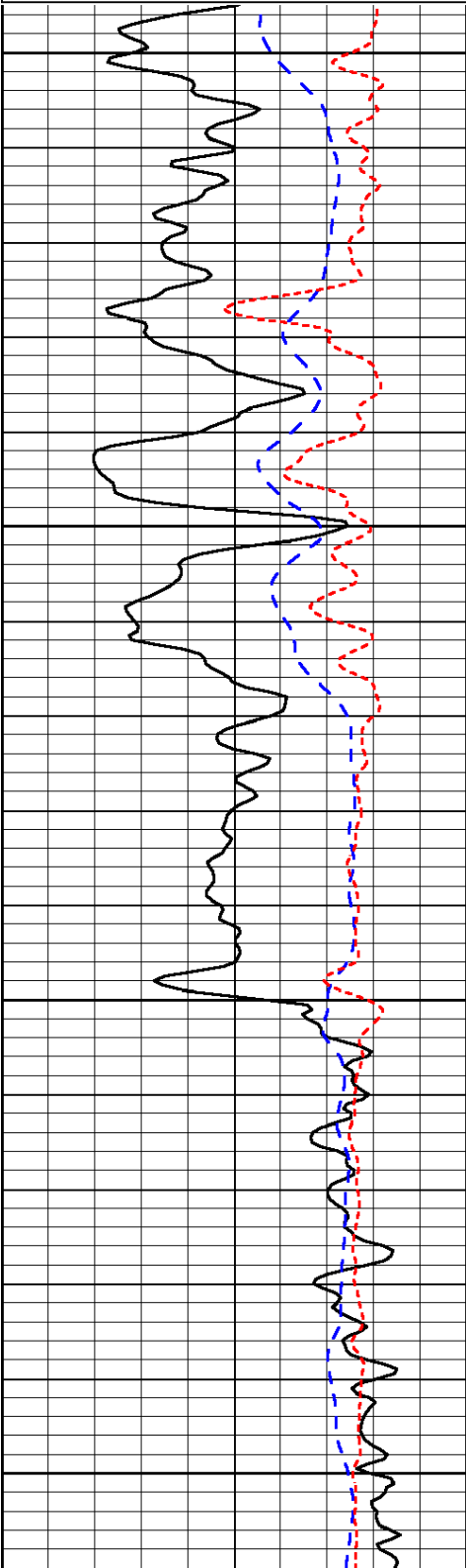
Shallow Resistivity
50 (Ohm-m) 500
50 Deep Resistivity (Ohm-m) 500

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Dataset Pathname: dil/indian2in
Presentation Format: dil
Dataset Creation: Wed Mar 03 08:10:15 2010
Charted by: Depth in Feet scaled 1:240

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

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
15000	Line Tension (lb)	0

LSPD
(ft/min)

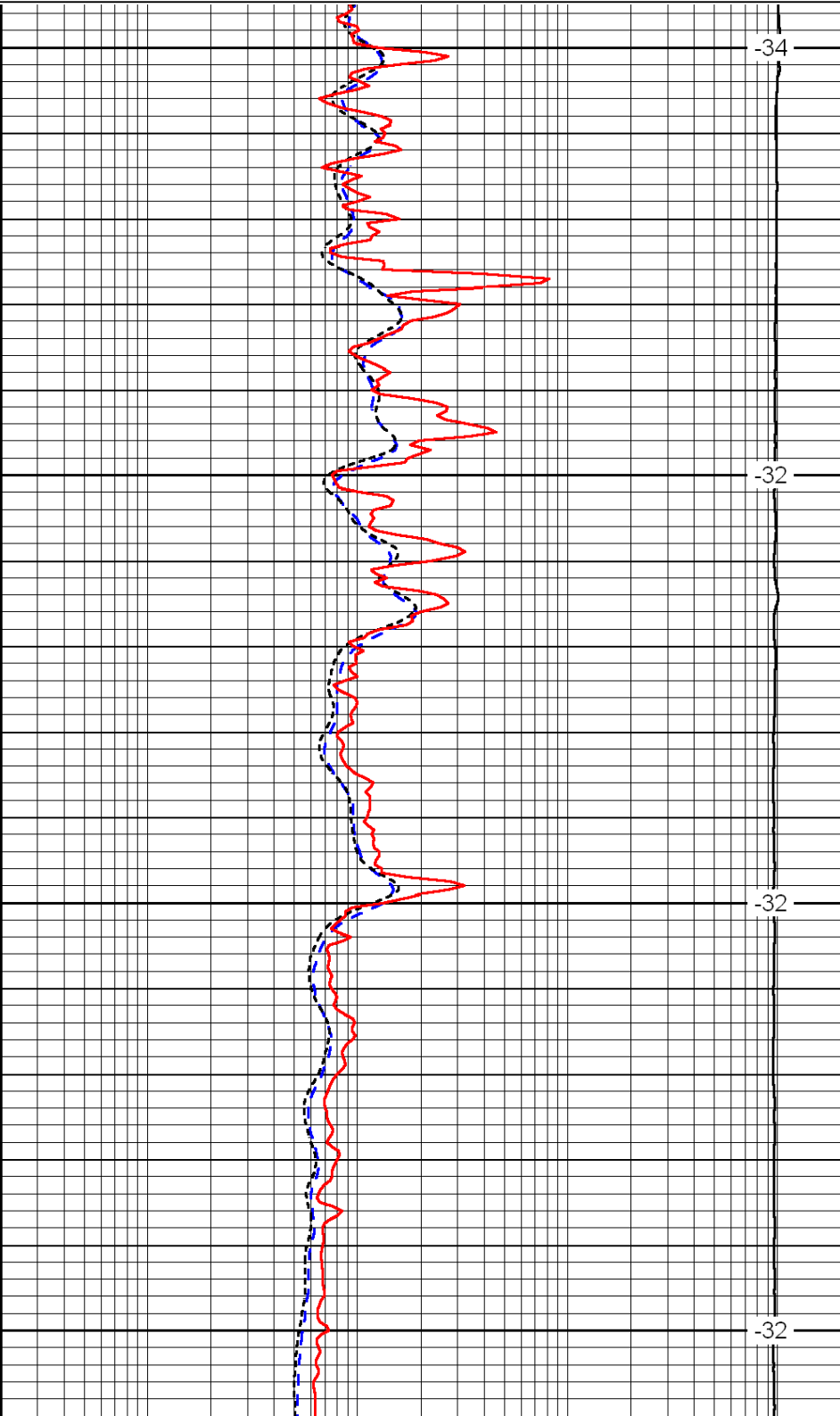


3100

3150

3200

3250

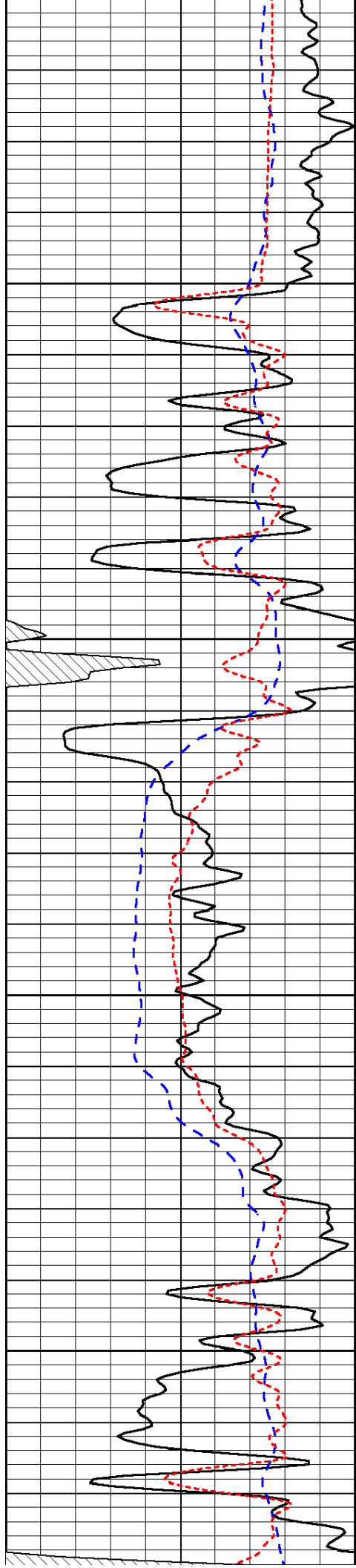


-34

-32

-32

-32

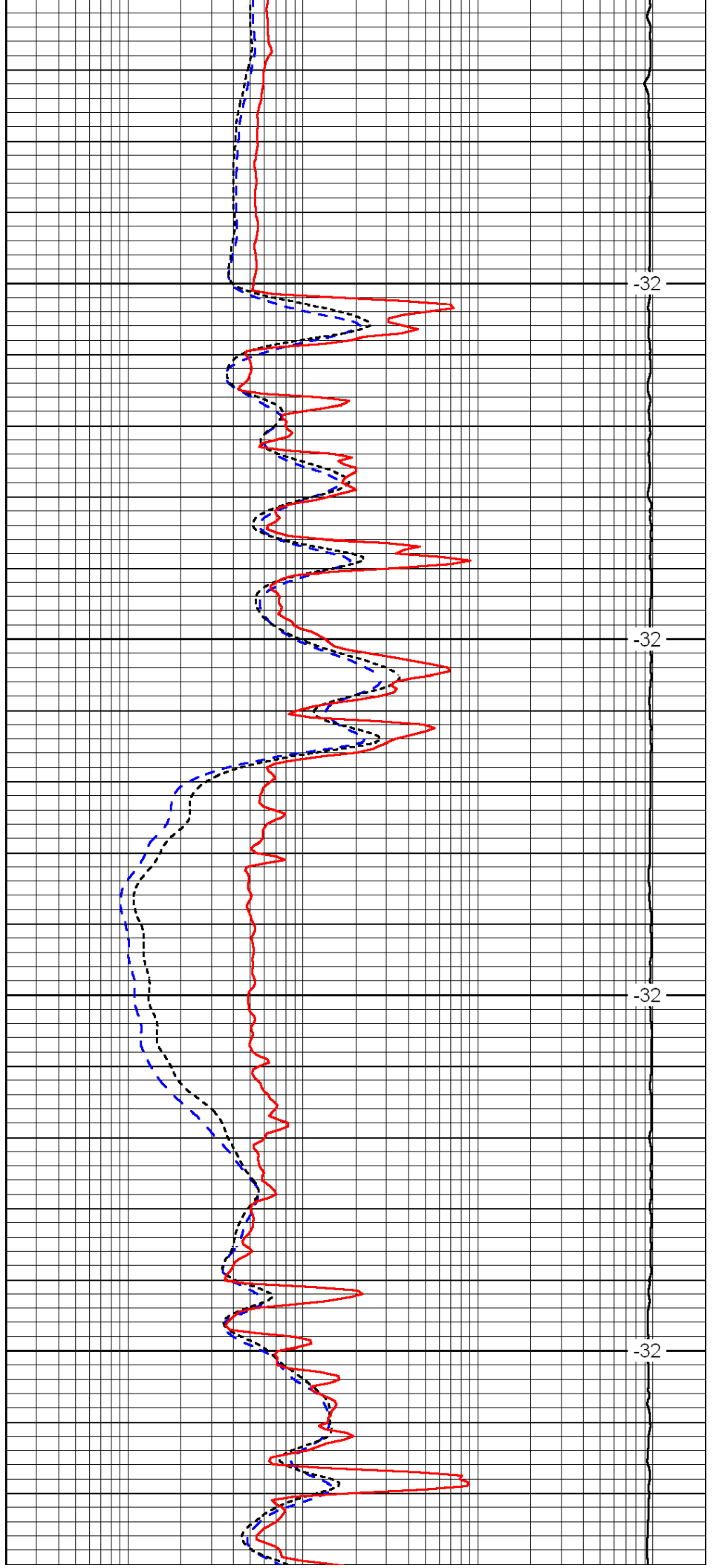


3300

3350

3400

3450

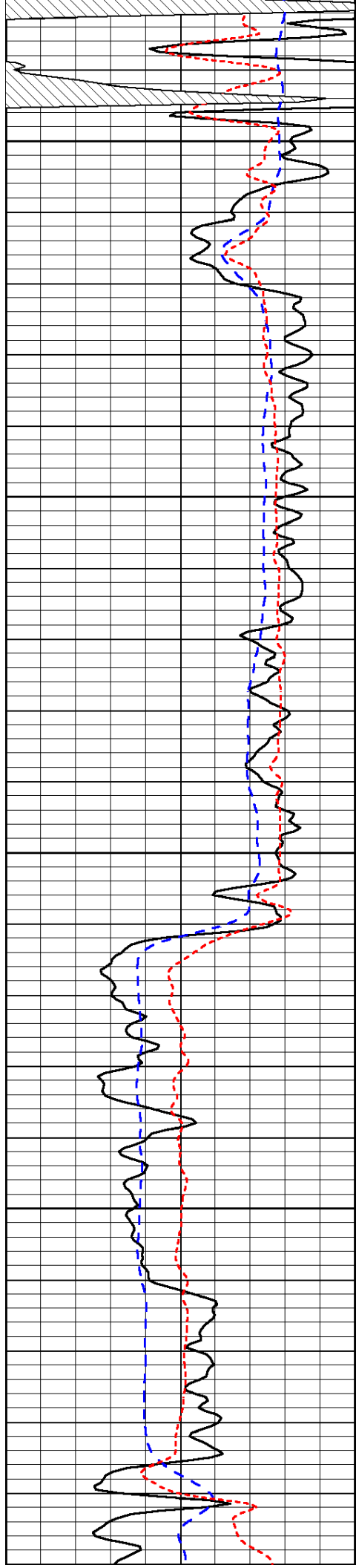


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-32

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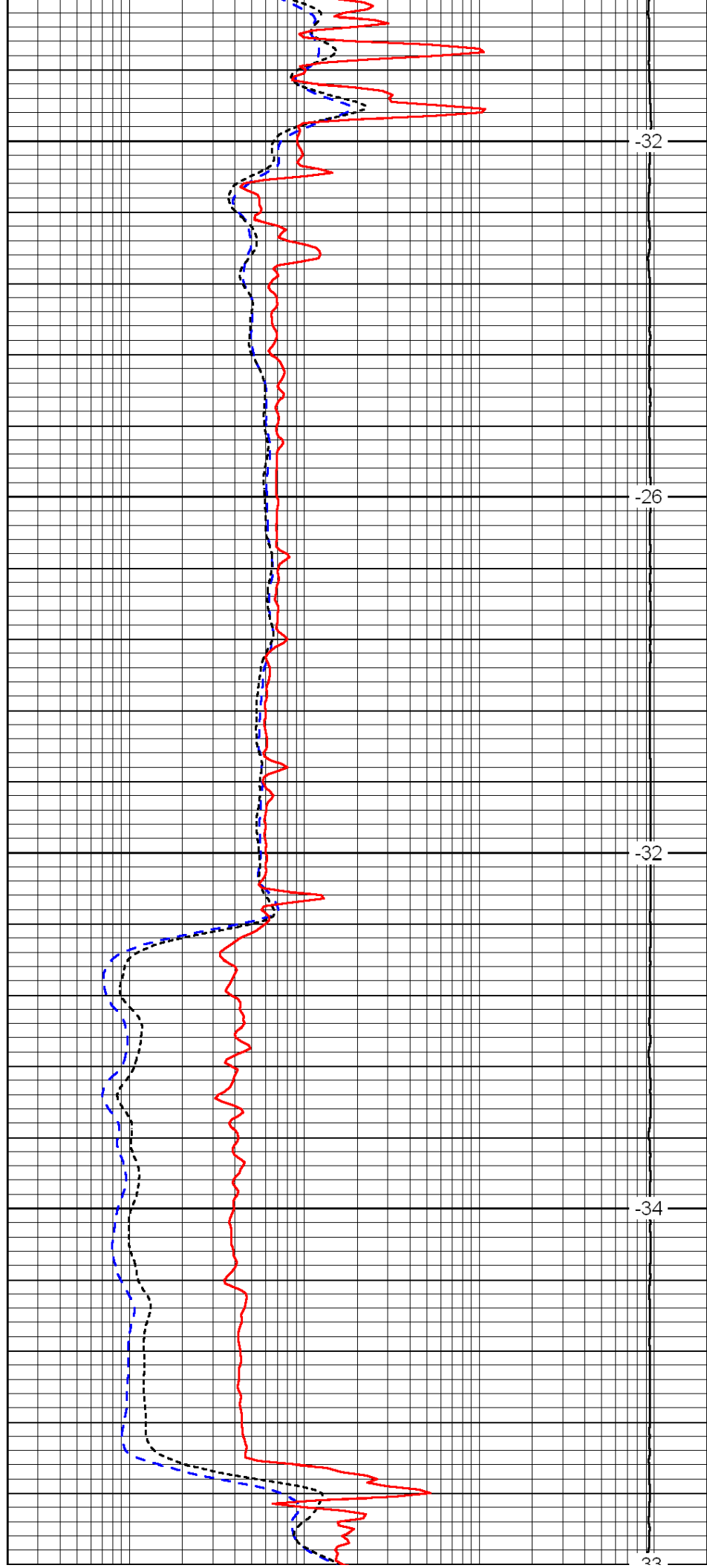
3500

3550

3600

3650

3700



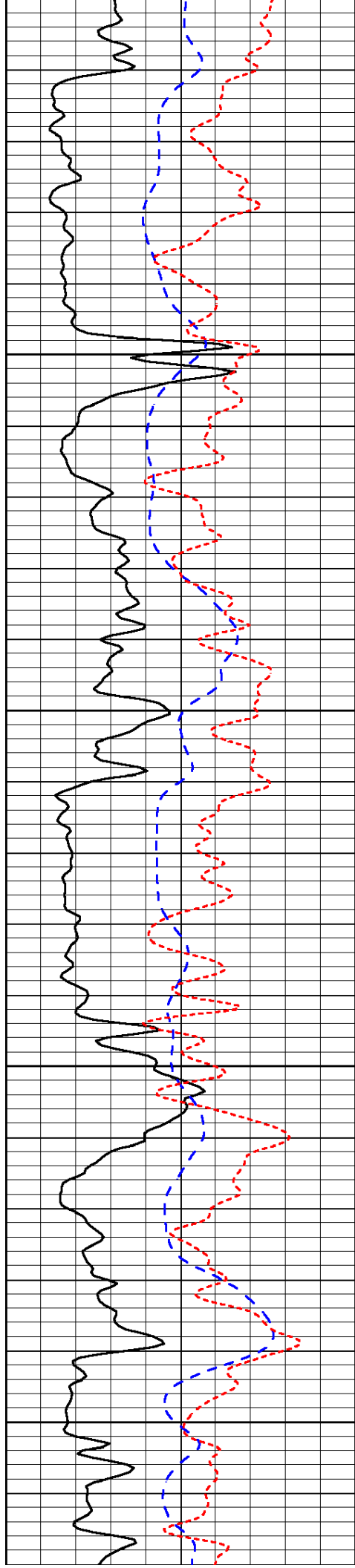
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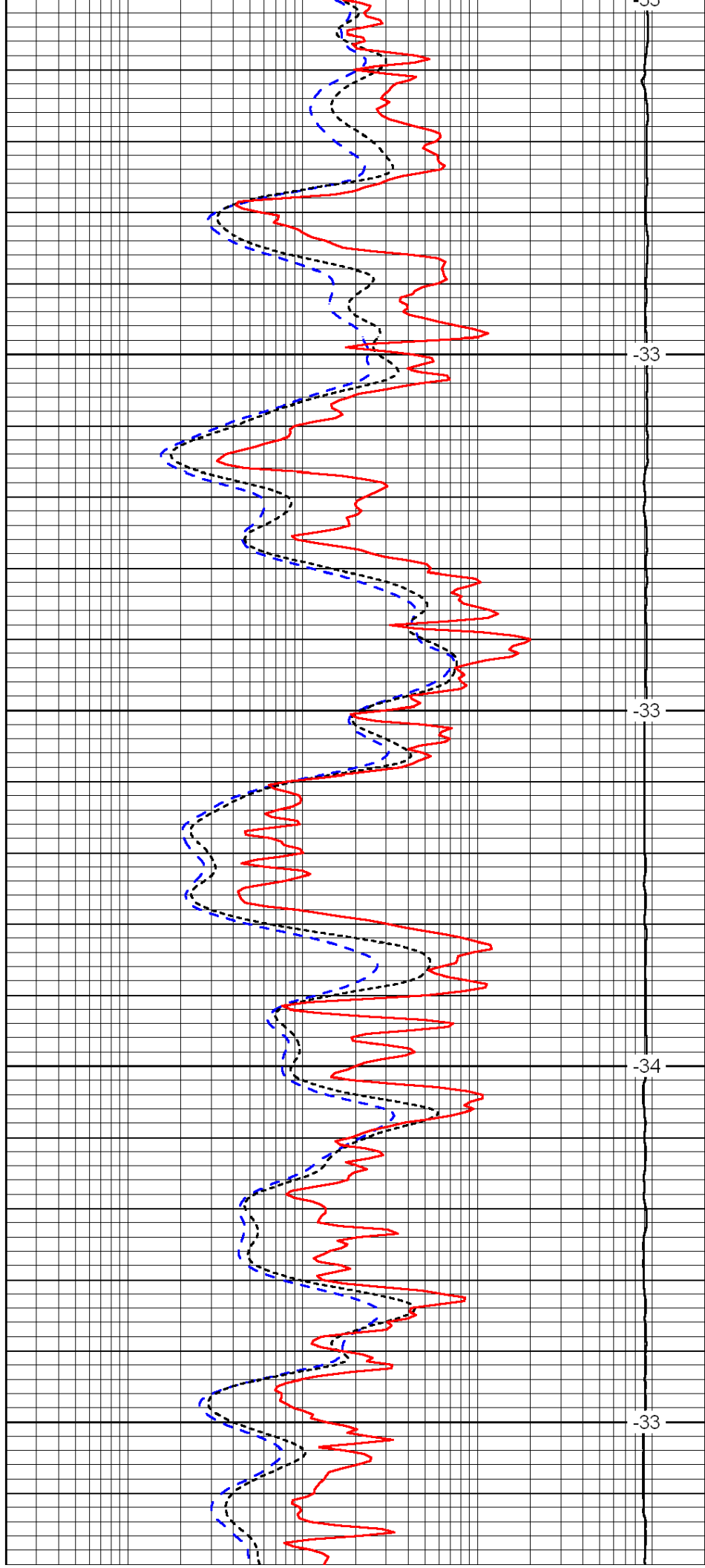
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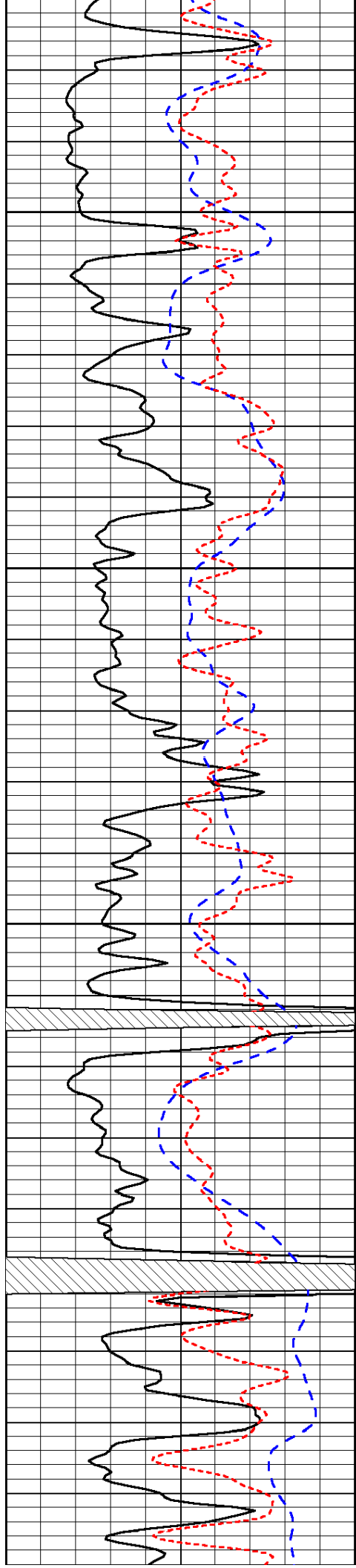
-32



3700
3750
3800
3850
3900



-33
-33
-34
-33

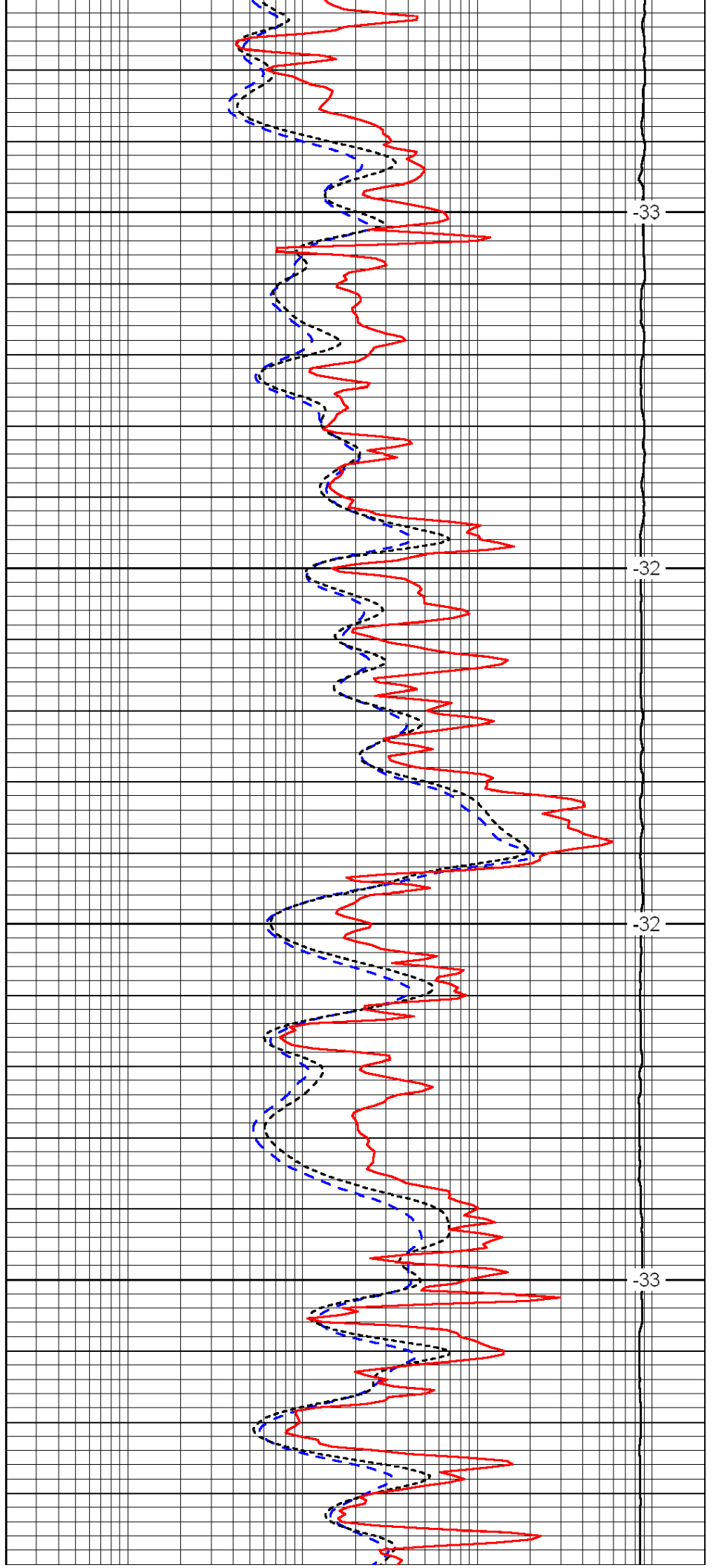


3950

4000

4050

4100

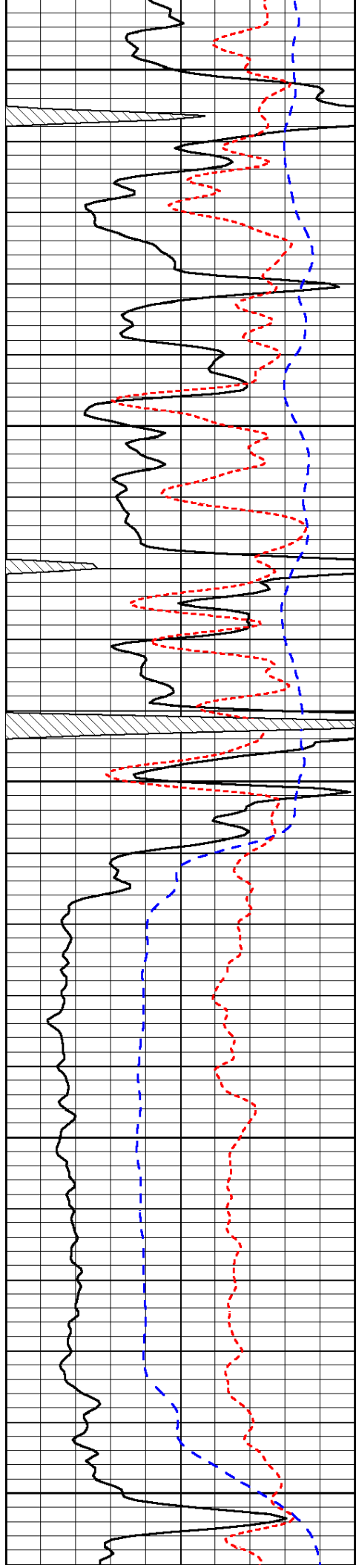


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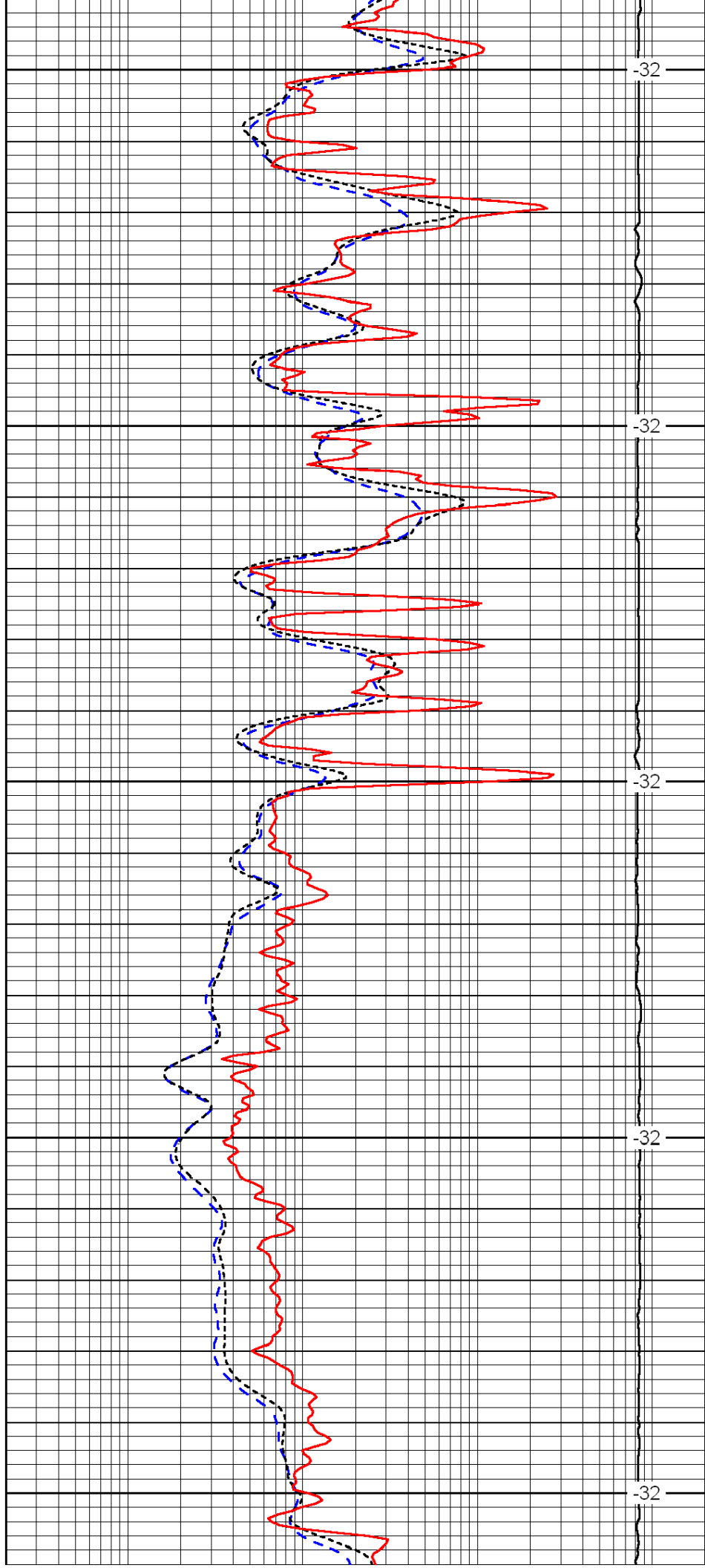
4150

4200

4250

4300

4350



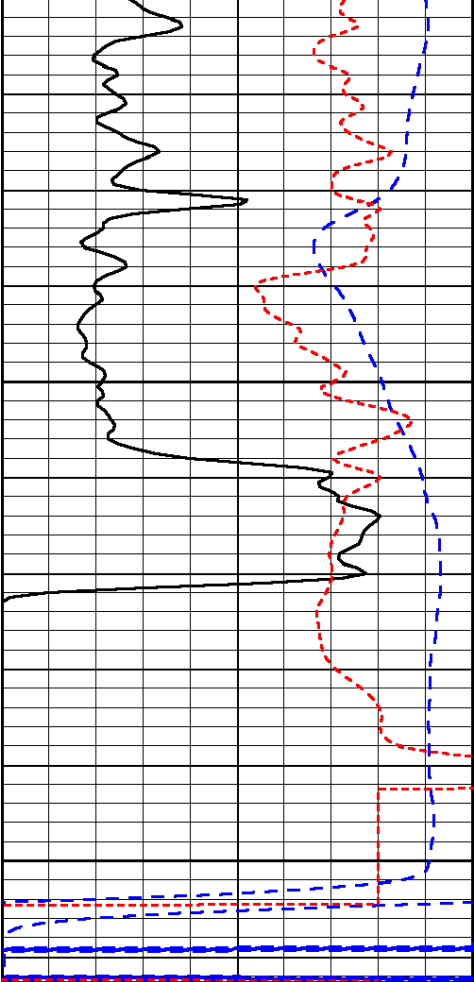
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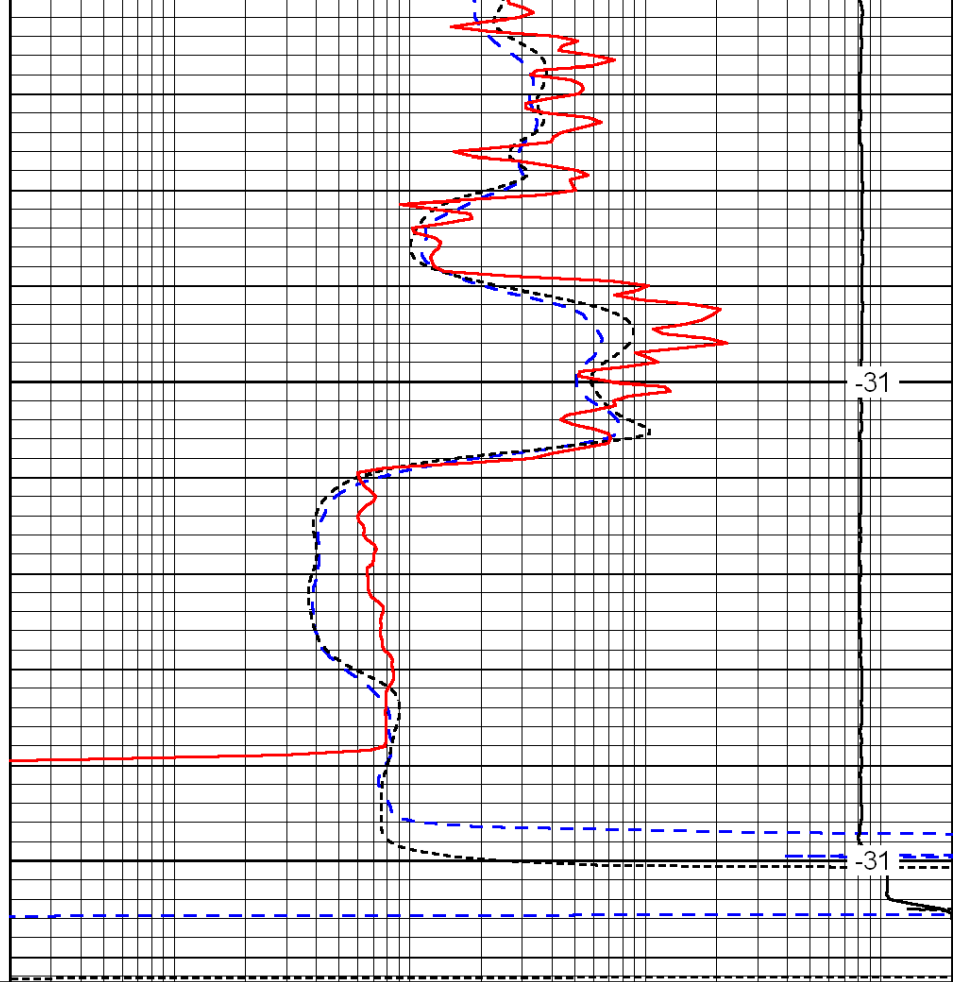
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4400

4450



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LSPD
(ft/min)