



DIGITAL LOG (785) 625-3858

Dual Induction Log

API No.	15-055-22,091-00-00		
Company	Hartman Oil Company, Inc.		
Well	Damme No.44		
Field	Damme		
County	Finney	State	Kansas
Location	2640' FNL & 1020' FEL		
Sec:	28	Twp:	22S
		Rge:	33W
Permanent Datum	Ground Level	Elevation	2890
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
		Other Services	CNL/CDL MEL
		Elevation	K.B. 2900 D.F. 2890 G.L. 2890

Date	2/13/2011
Run Number	One
Depth Driller	4875
Depth Logger	4877
Bottom Logged Interval	4876
Top Log Interval	1650
Casing Driller	8.625 @ 1682
Casing Logger	1679
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	2.100
Density / Viscosity	9.3 50
pH / Fluid Loss	10.0 7.2
Source of Sample	Flowline
Rm @ Meas. Temp	1.1 @ 56
Rmf @ Meas. Temp	.83 @ 56
Rmc @ Meas. Temp	1.49 @ 56
Source of Rmf / Rmc	Charts
Rm @ BHT	.49 @ 127
Operating Rig Time	4 Hours
Max Rec. Temp. F	127
Equipment Number	17
Location	Hays
Recorded By	C. Desaire
Witnessed By	Steve Murphy

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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
 Scott City,
 S to Nine Mile Rd,
 3 W, 1/2 N, 1/4 W, S Into

Database File: c:\warrior\data\hartman_damme no.44\hart2hd.db
 Dataset Pathname: dil/hartstk
 Presentation Format: dil2in
 Dataset Creation: Sun Feb 13 09:14:03 2011
 Charted by: Depth in Feet scaled 1:600

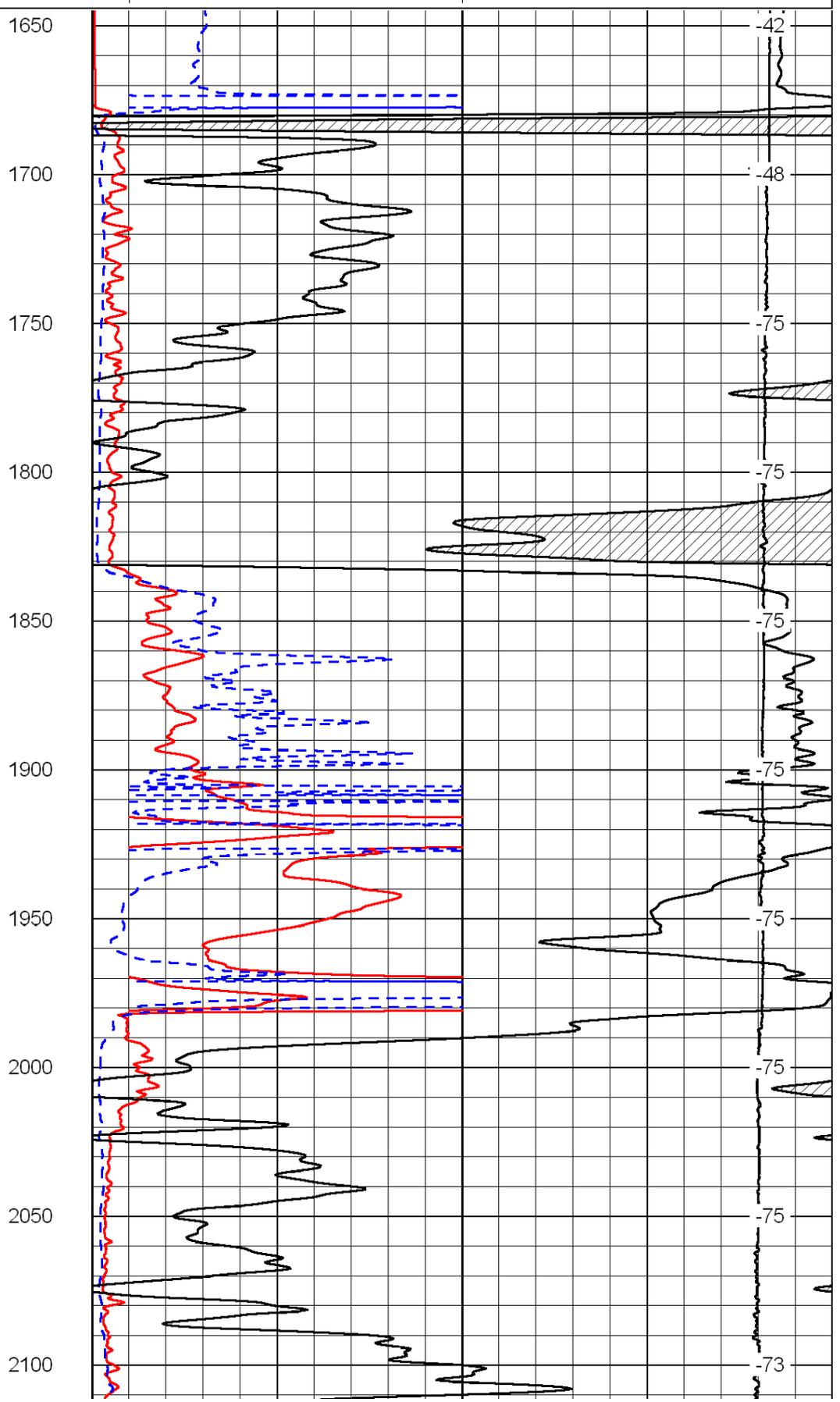
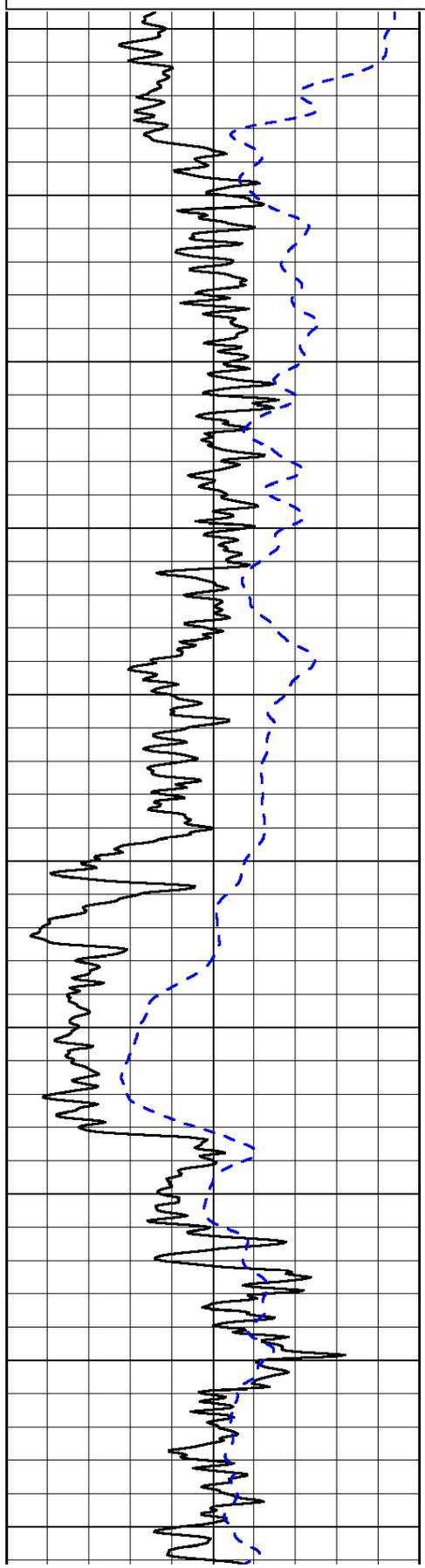
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-200	SP (mV)	0

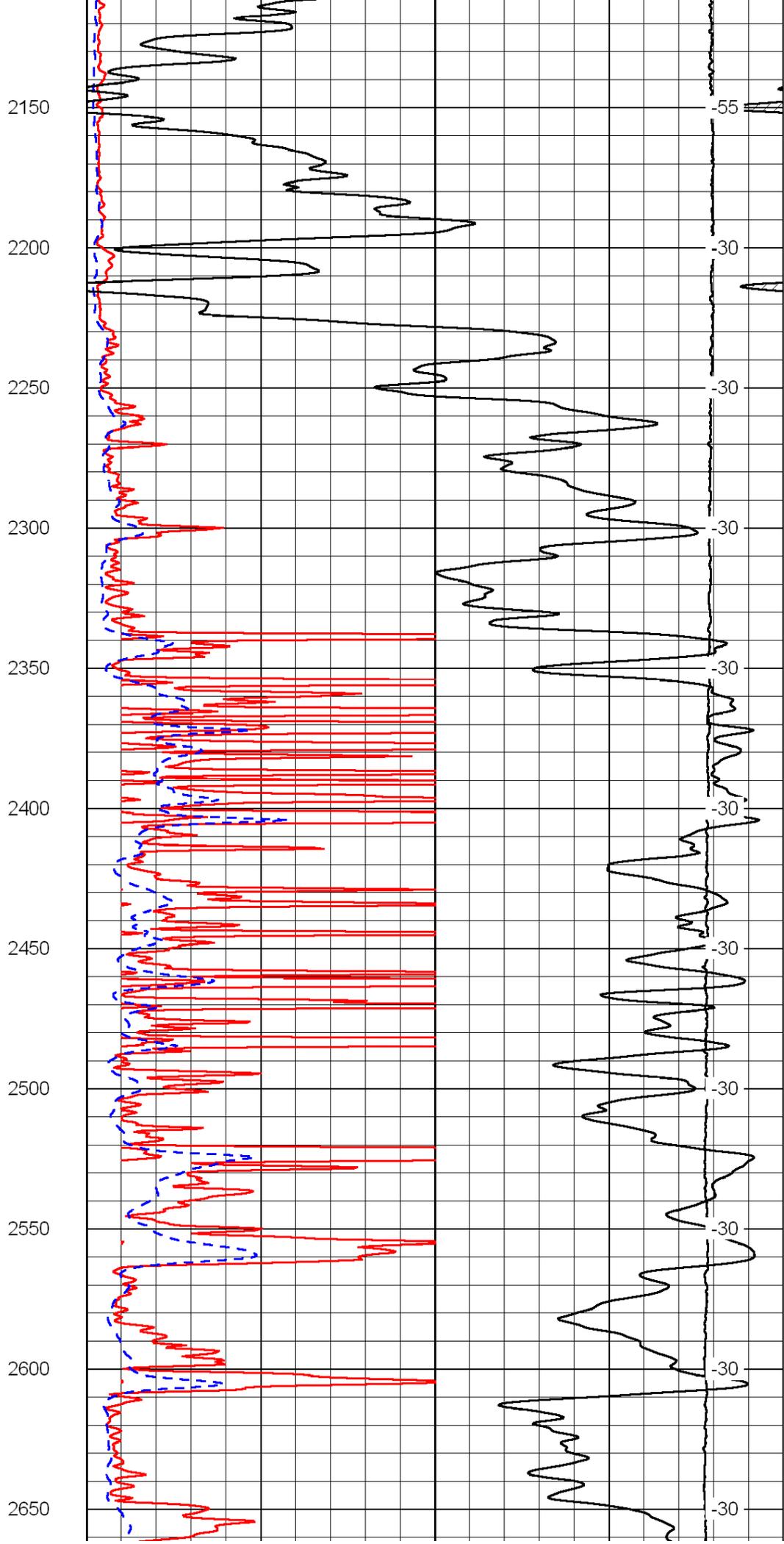
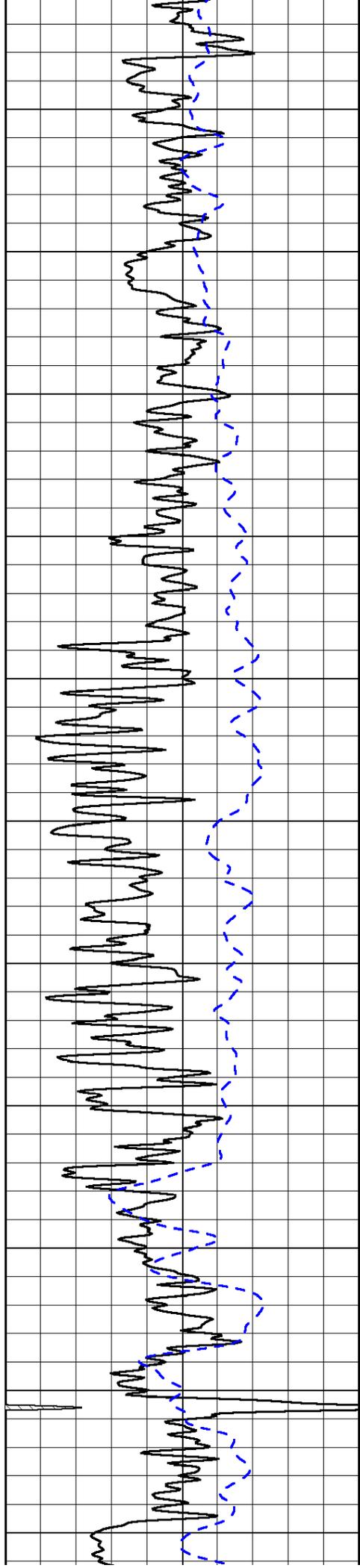
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0	Deep Resistivity	50

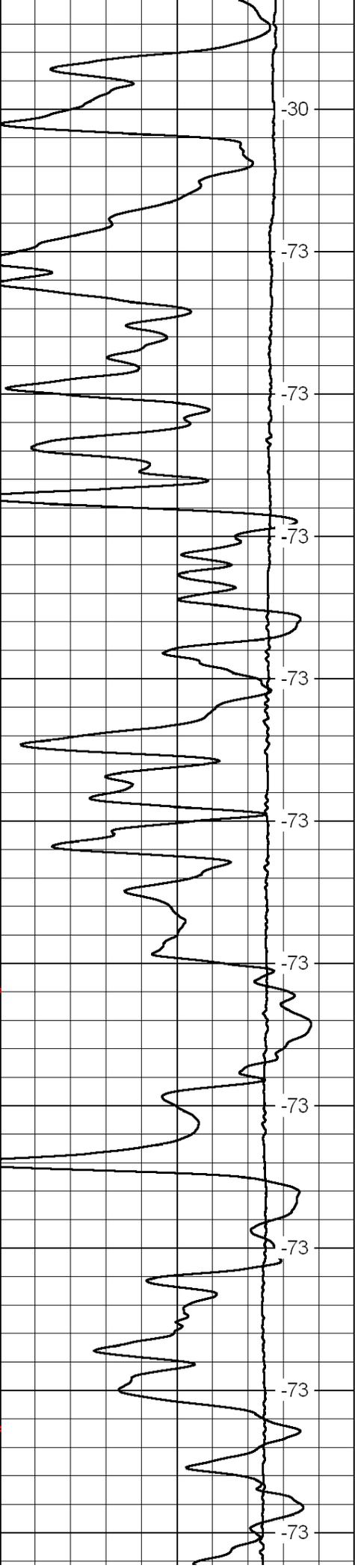
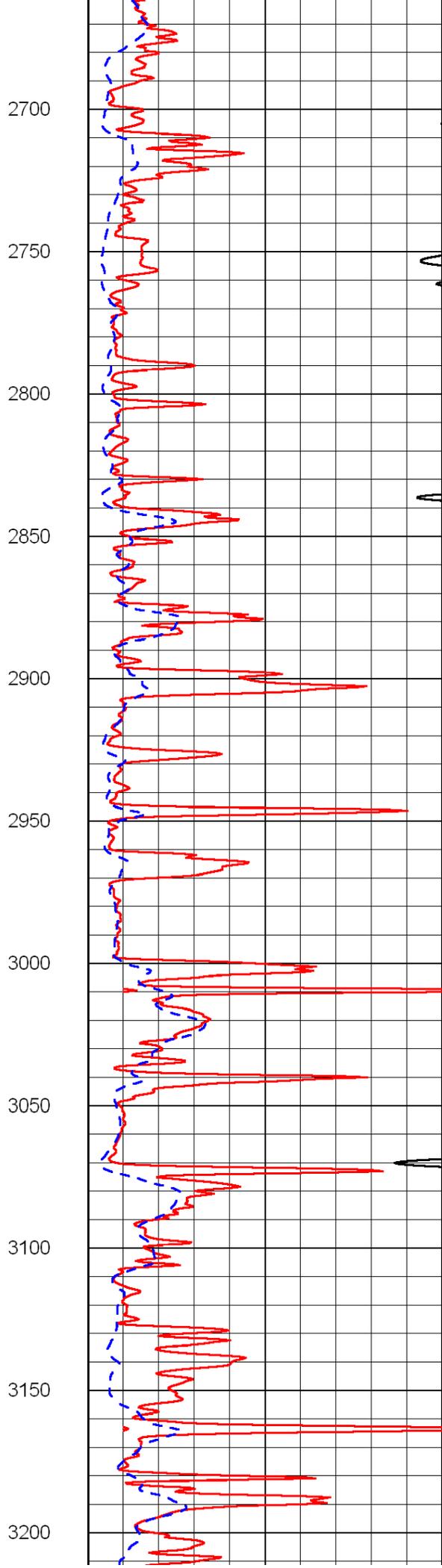
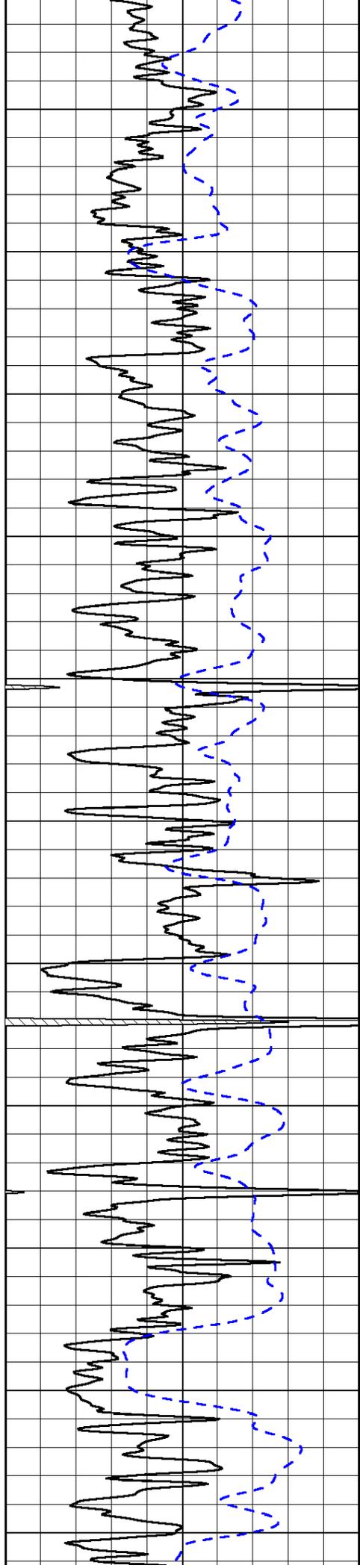
LSPD

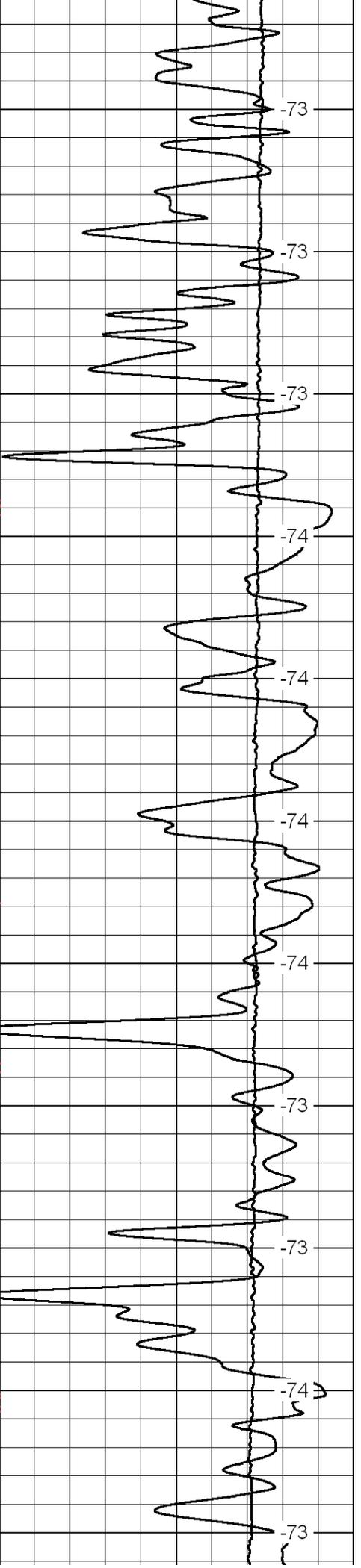
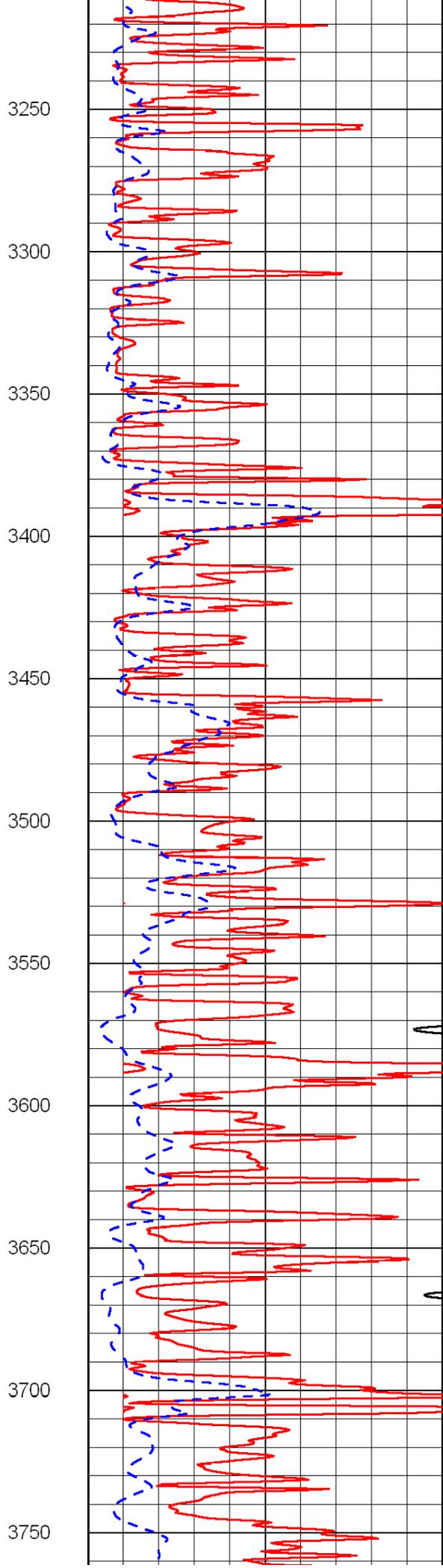
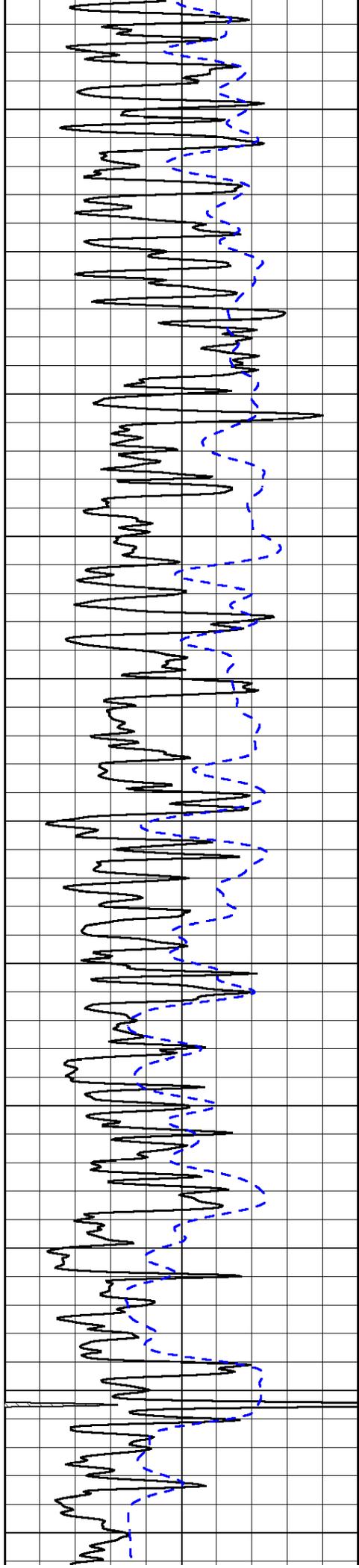
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15000	Line Tension	0

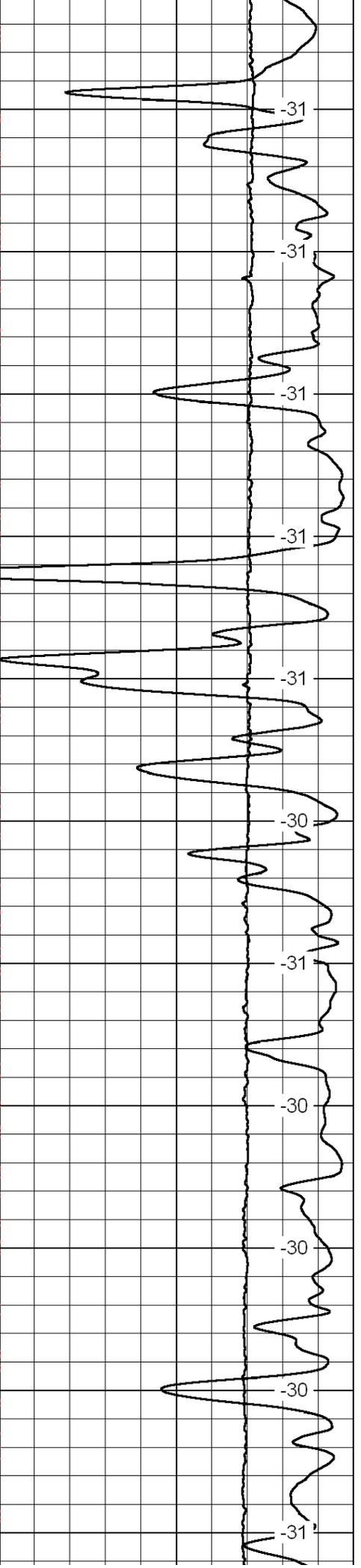
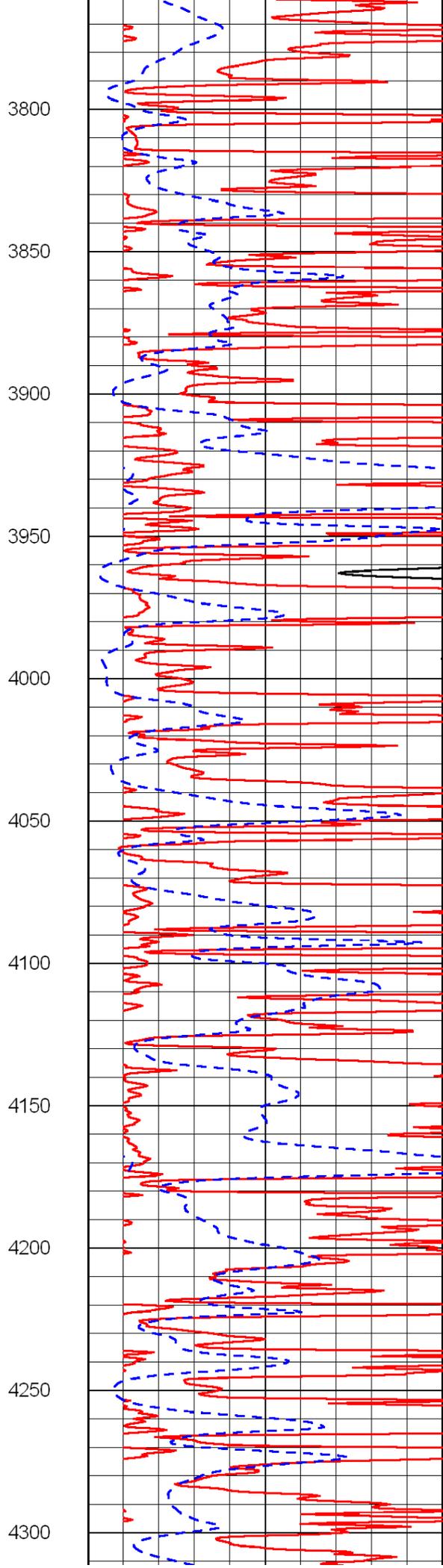
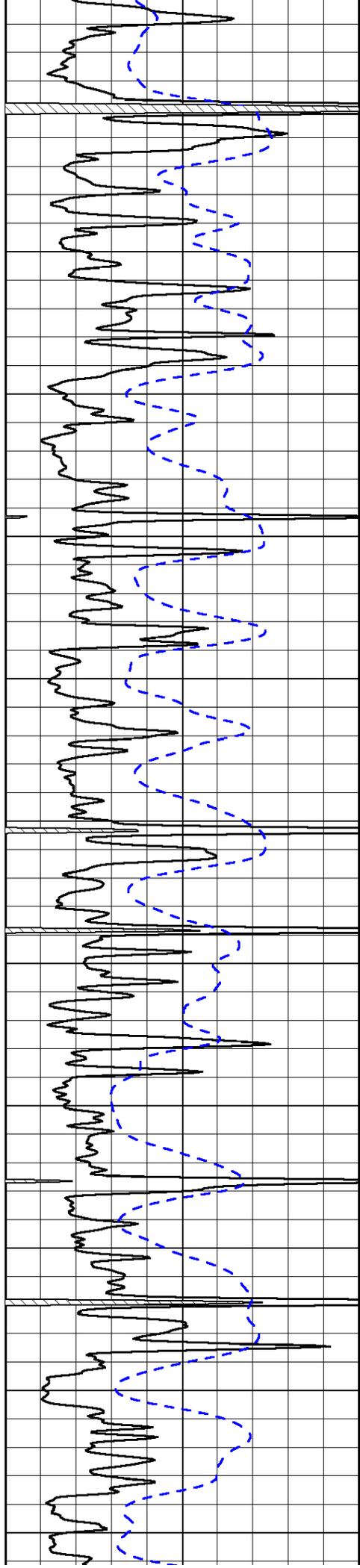
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50	Deep Resistivity	500

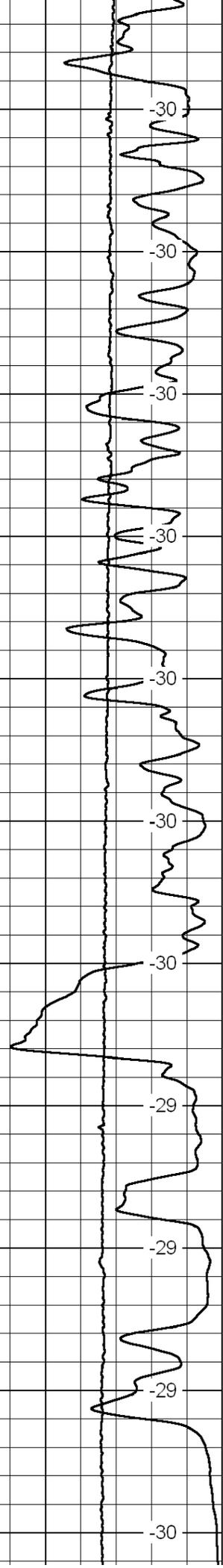
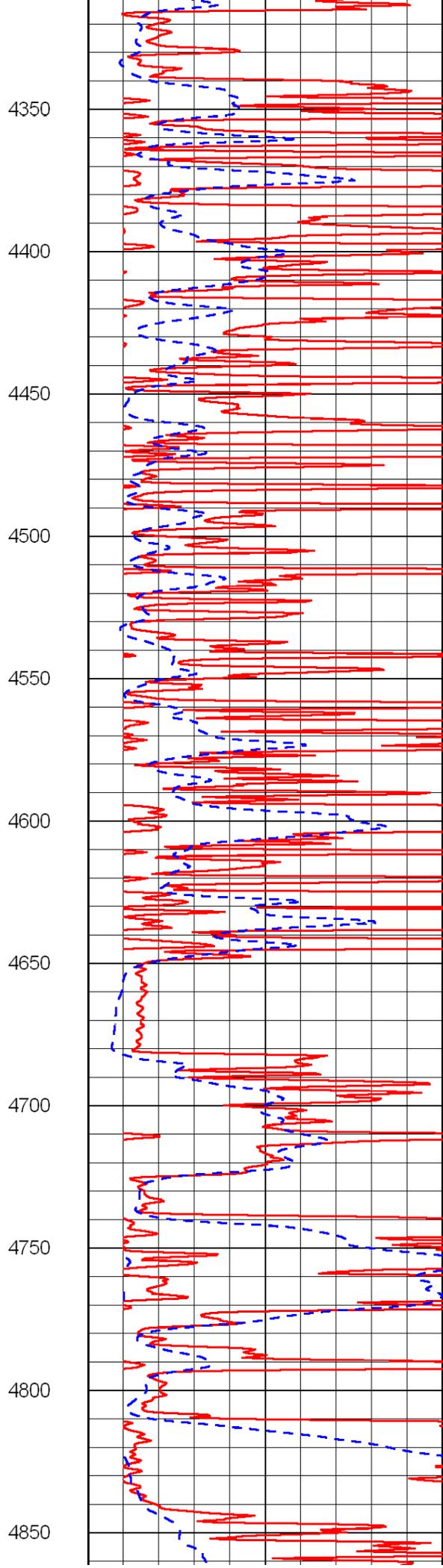
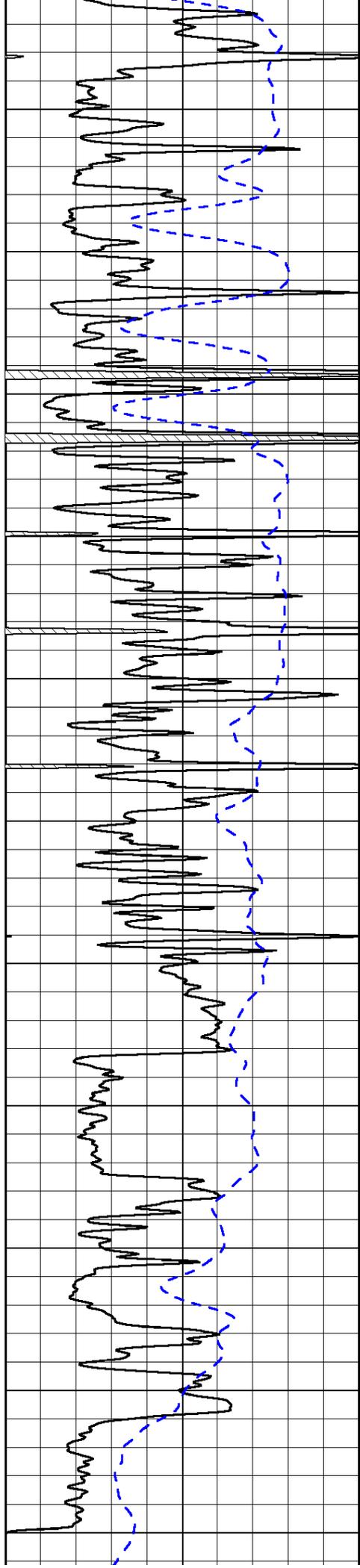


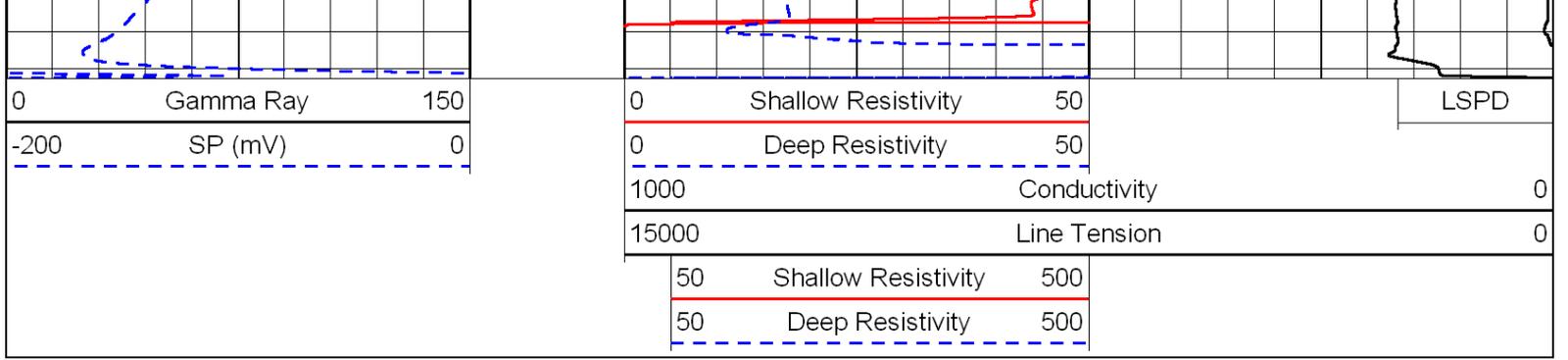




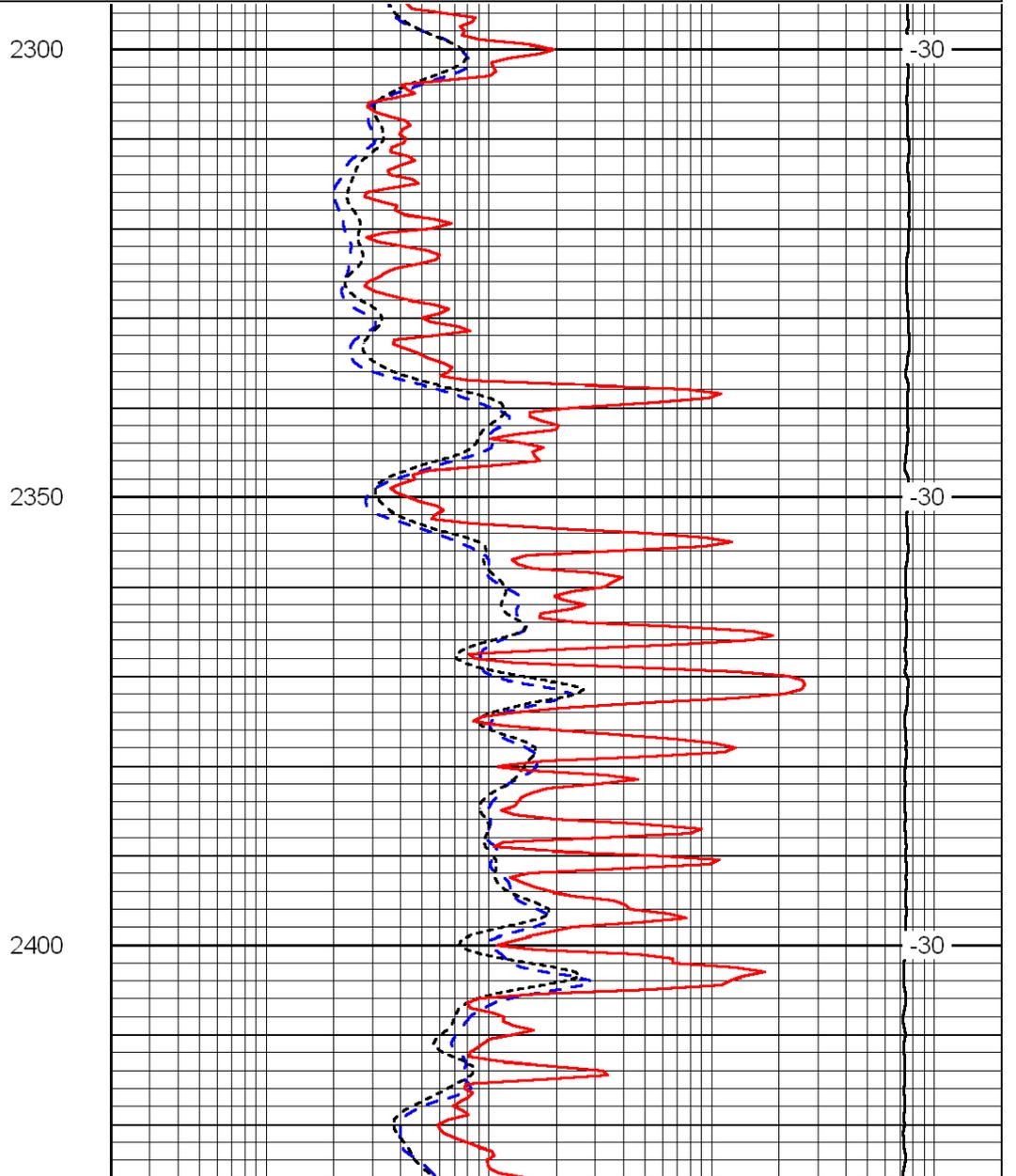
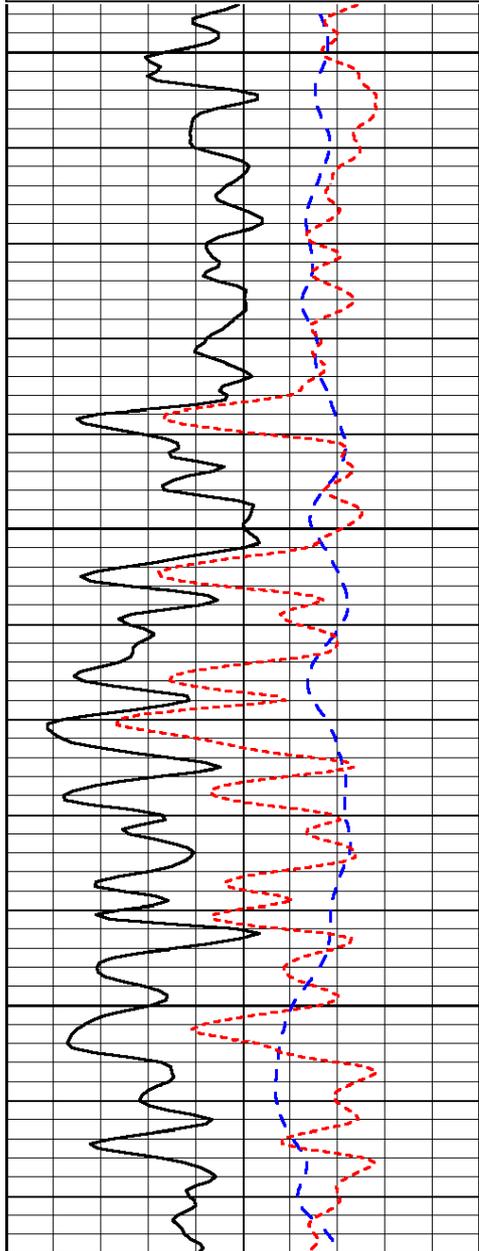
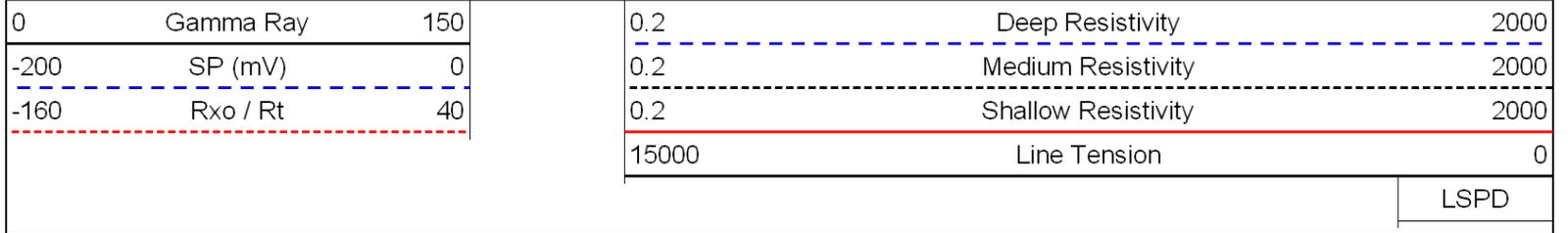


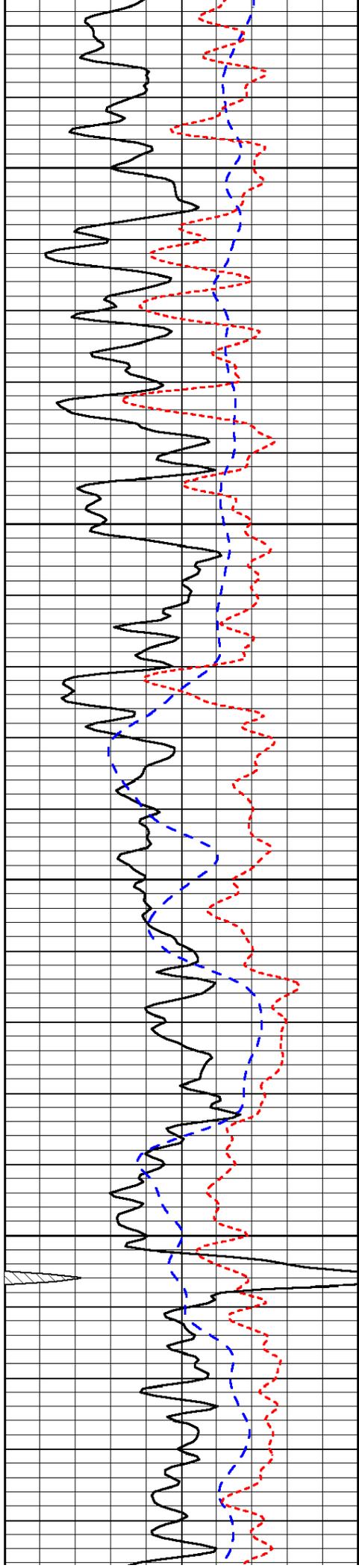






Database File: c:\warrior\data\hartman_damme no.44\hart2hd.db
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 Presentation Format: dil
 Dataset Creation: Sun Feb 13 09:14:03 2011
 Charted by: Depth in Feet scaled 1:240



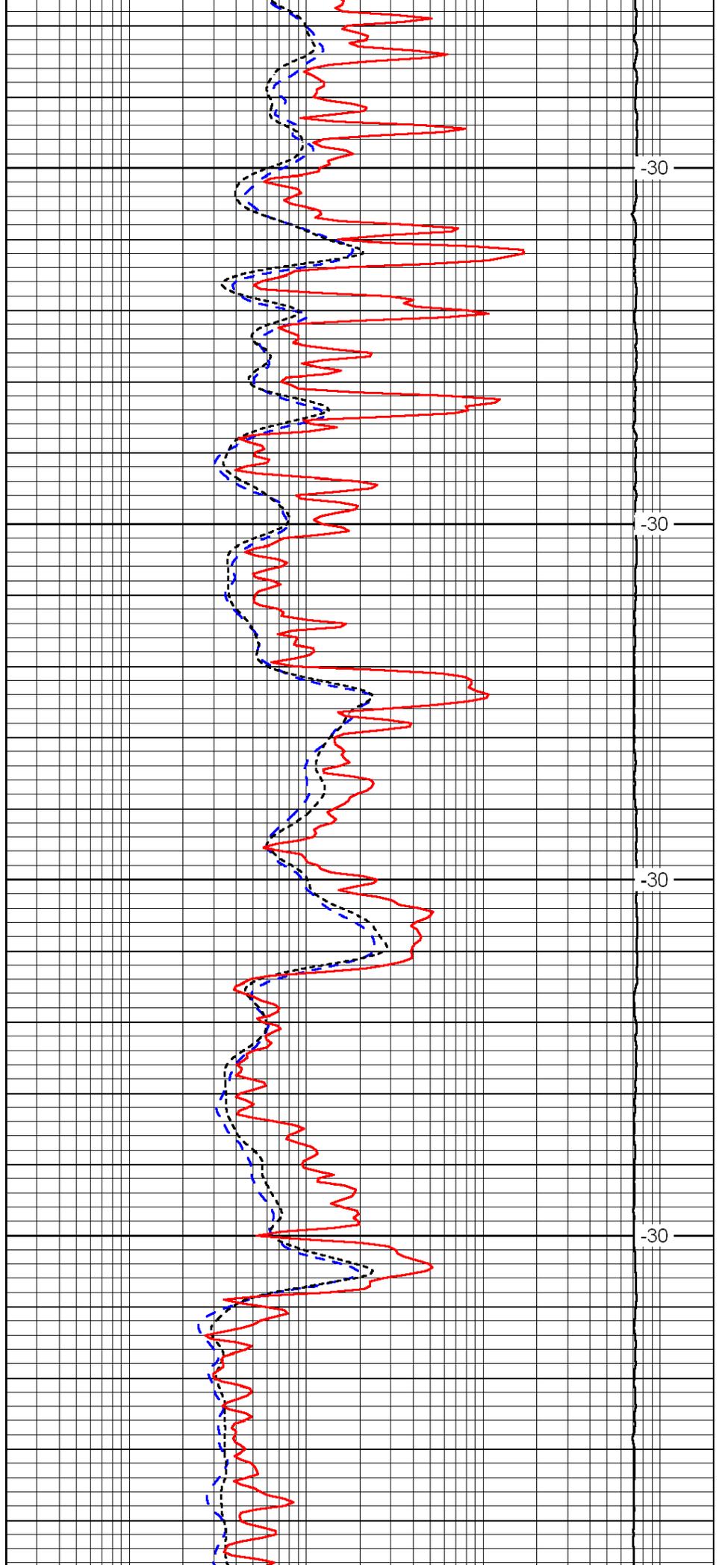


2450

2500

2550

2600

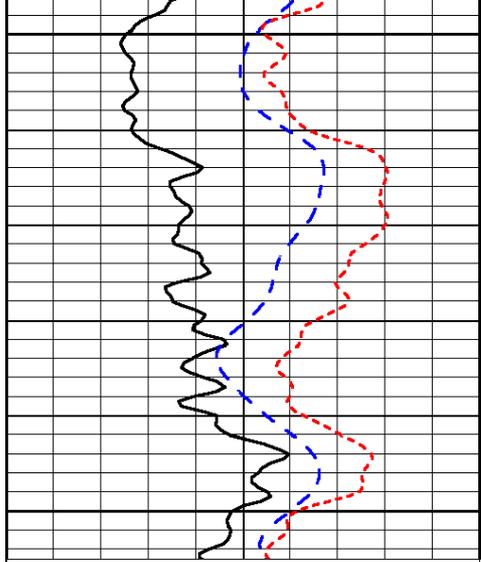


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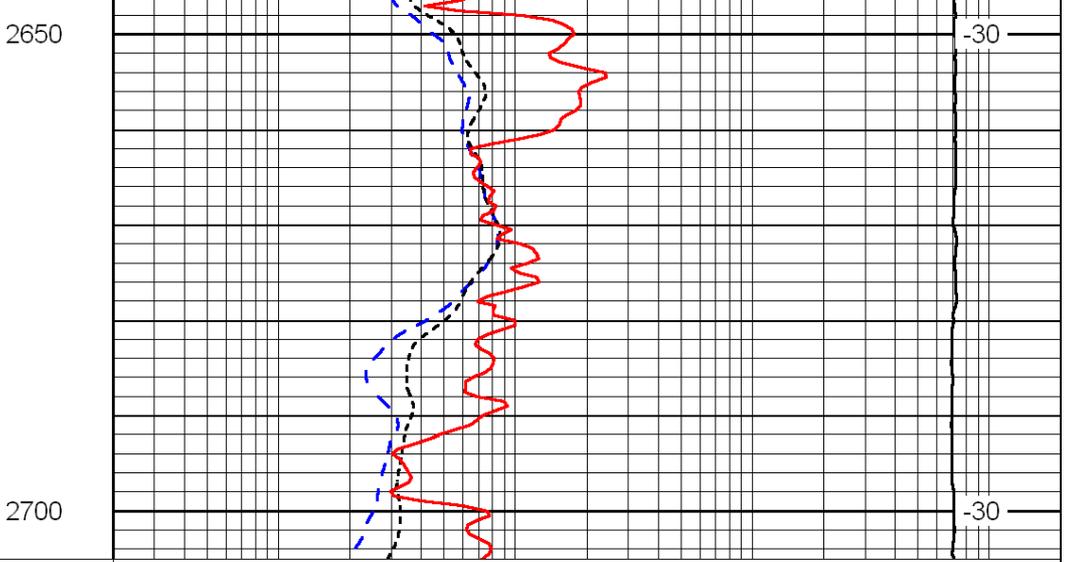
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0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40



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

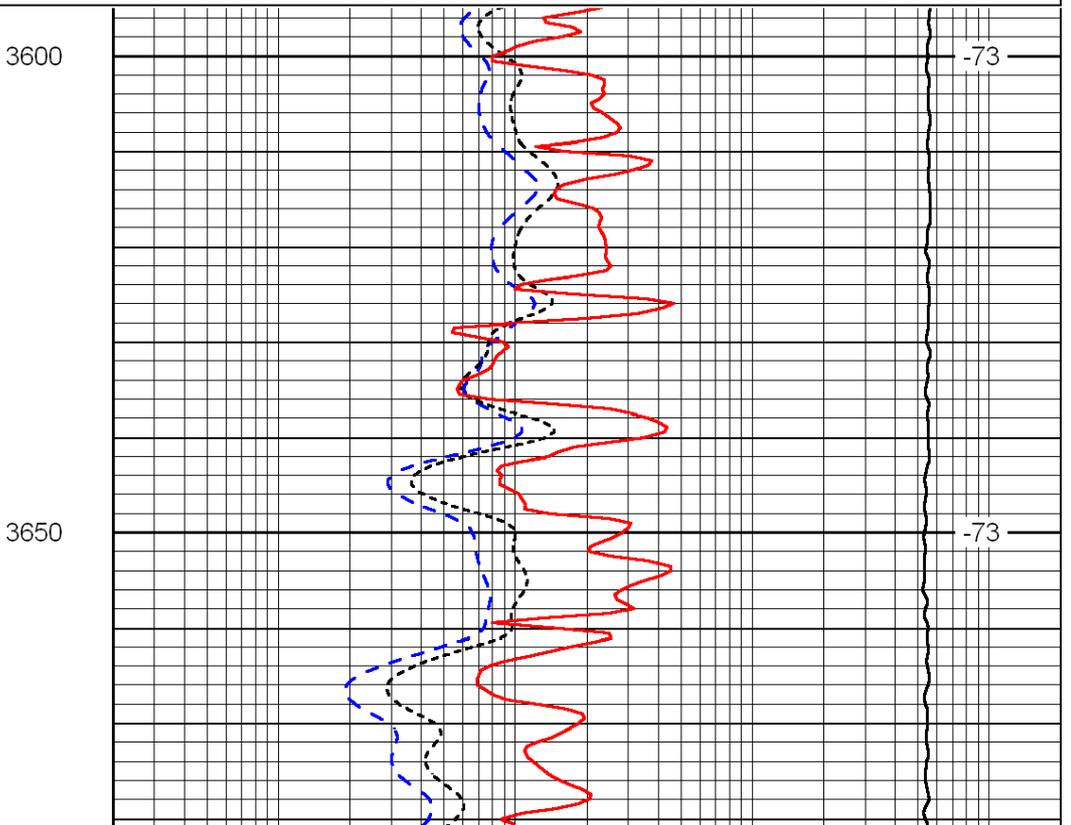
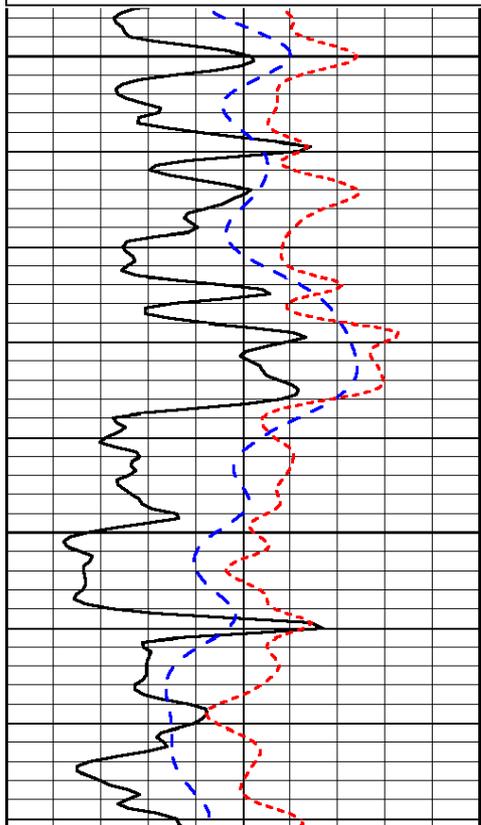
LSPD

Database File: c:\warrior\data\hartman_damme no.44\hart2hd.db
 Dataset Pathname: dil/hartstk
 Presentation Format: dil
 Dataset Creation: Sun Feb 13 09:14:03 2011
 Charted by: Depth in Feet scaled 1:240

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

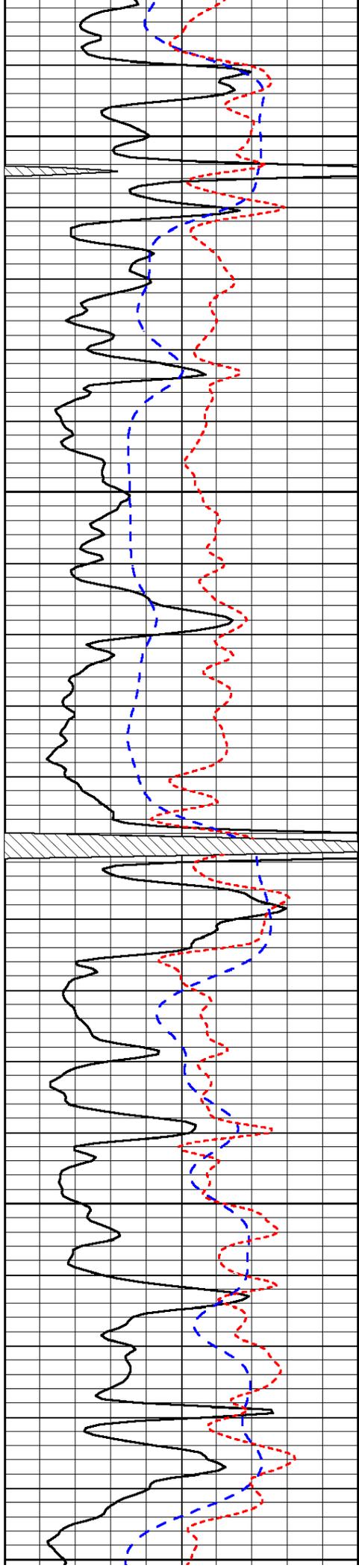
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0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD



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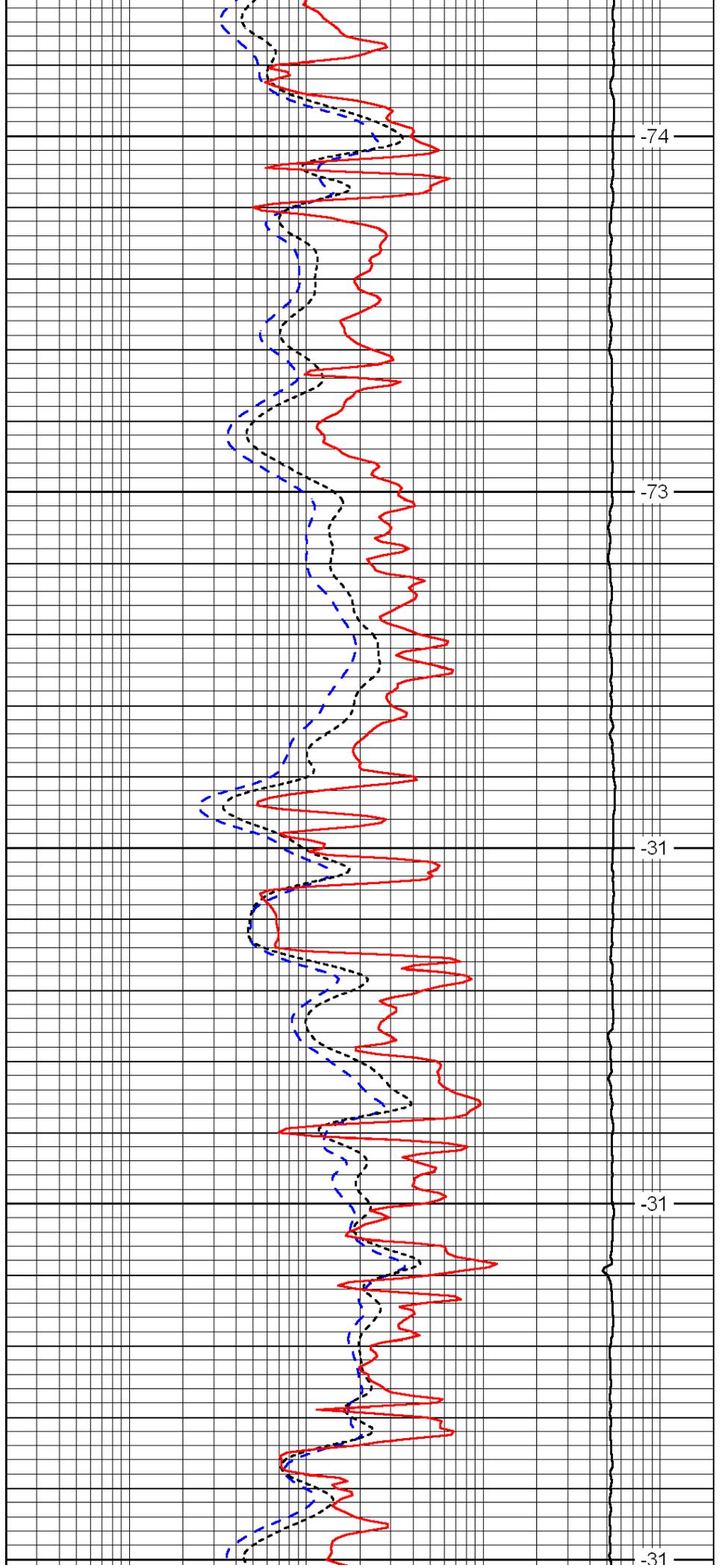
3700

3750

3800

3850

3900



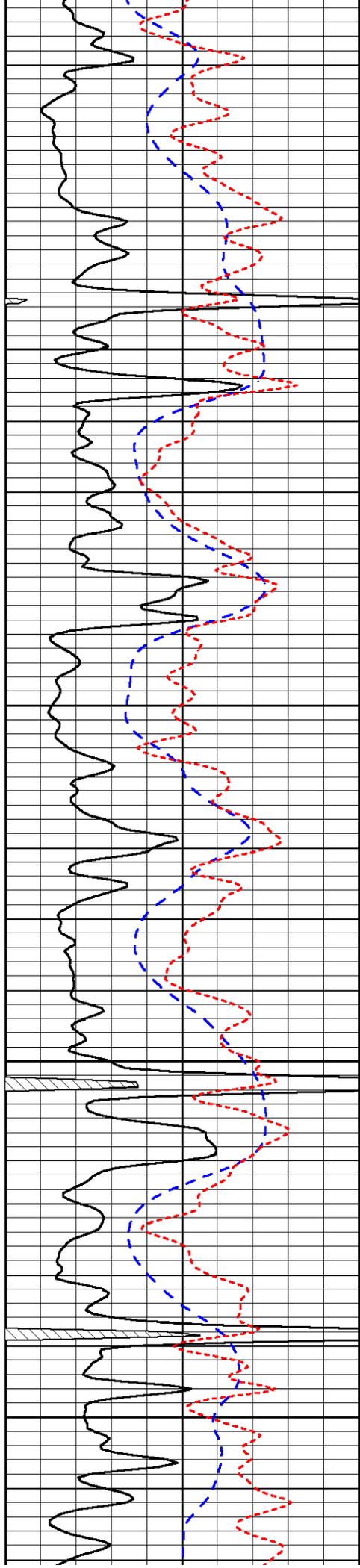
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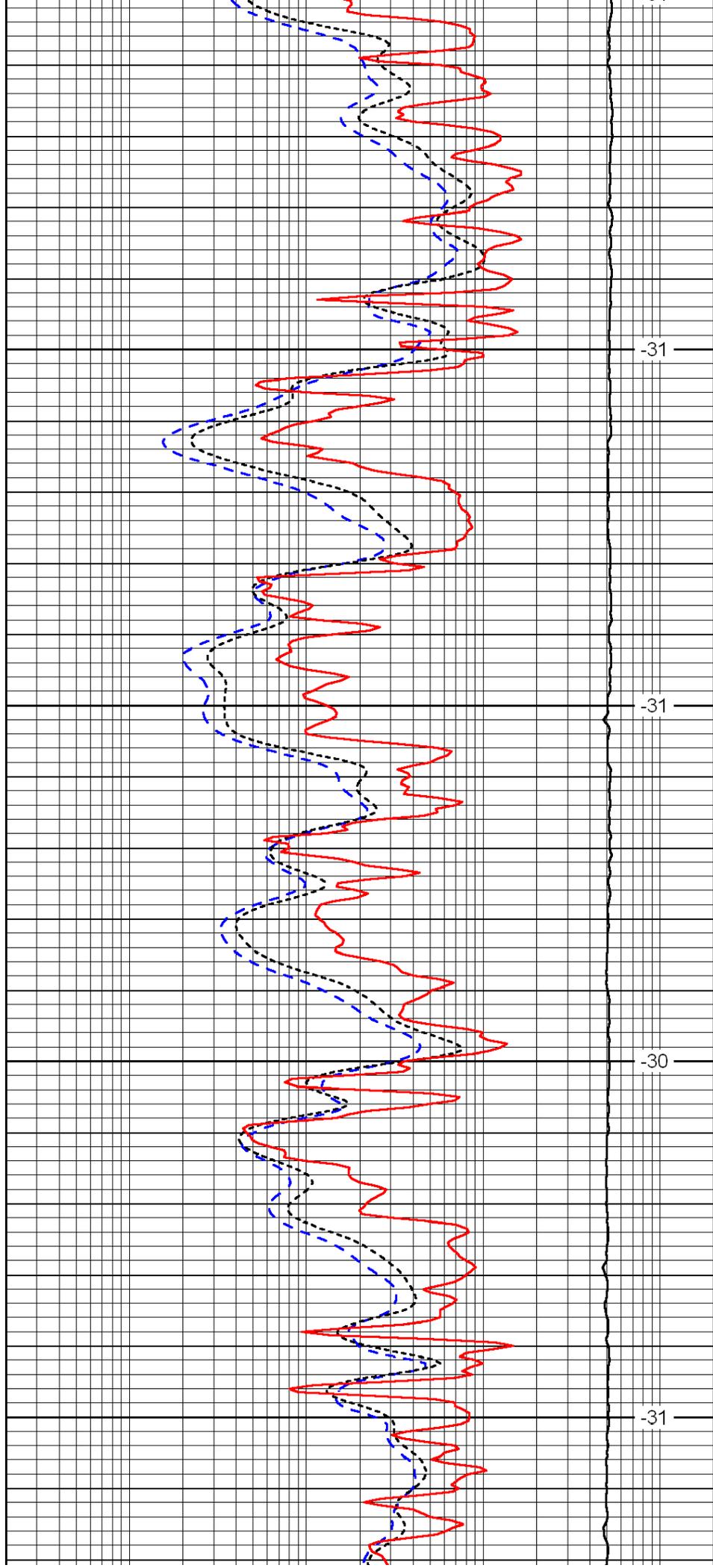


3950

4000

4050

4100

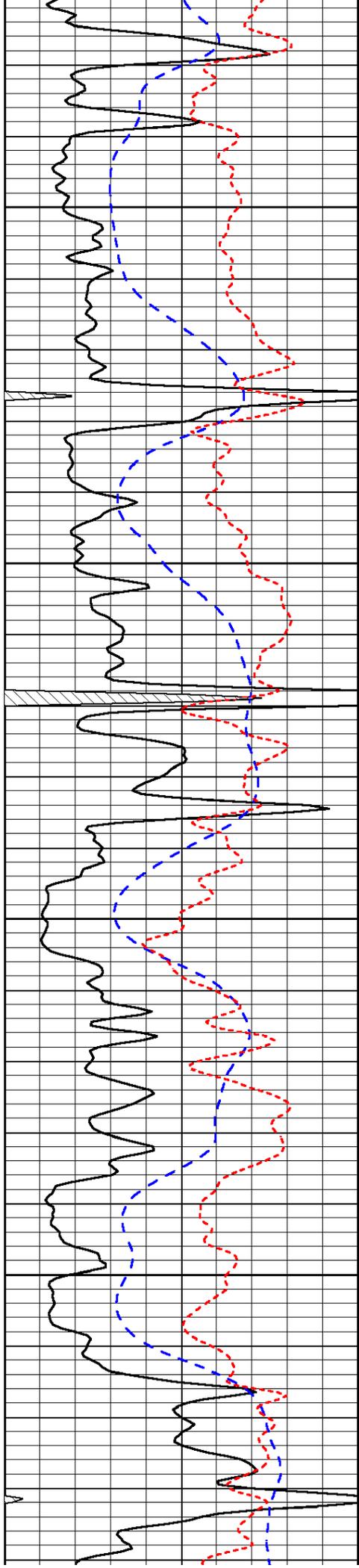


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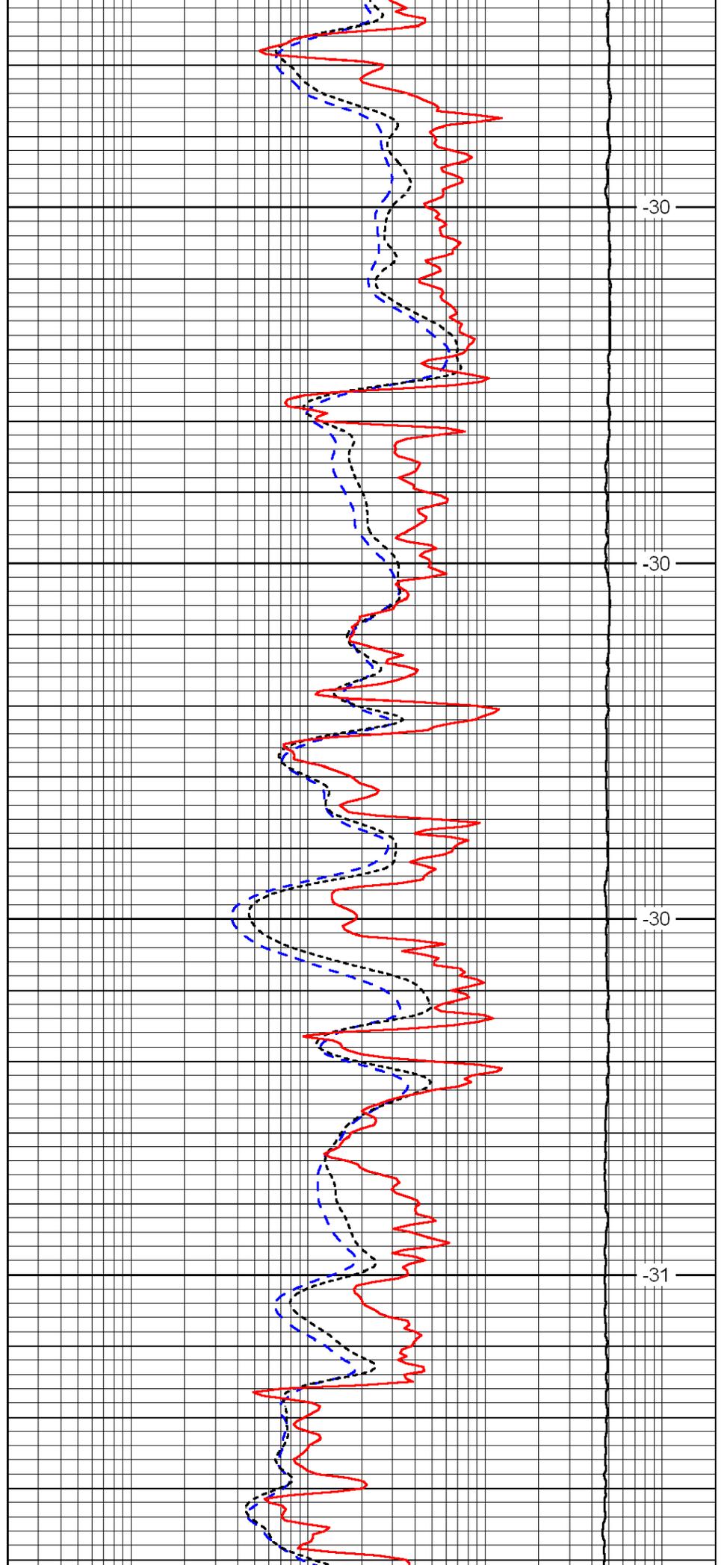


4150

4200

4250

4300

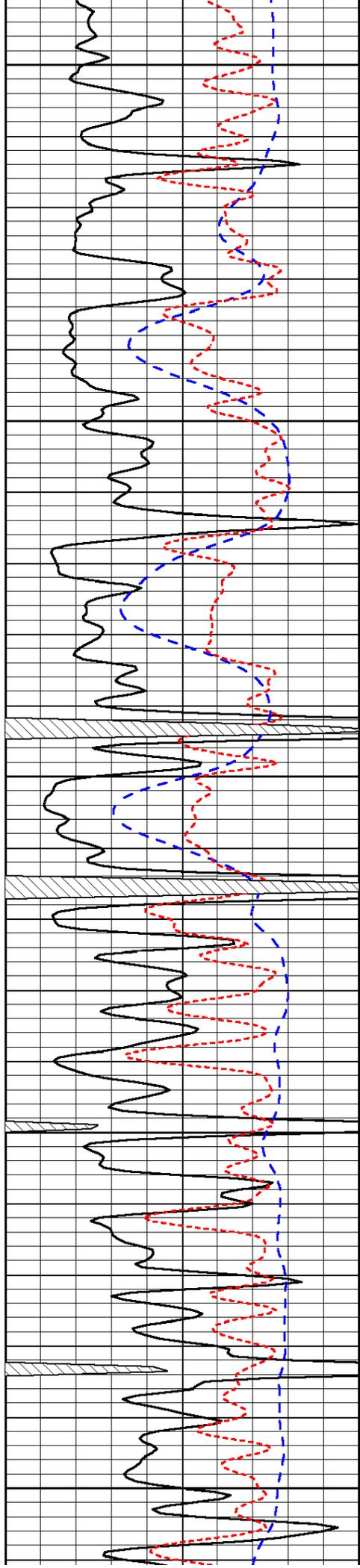


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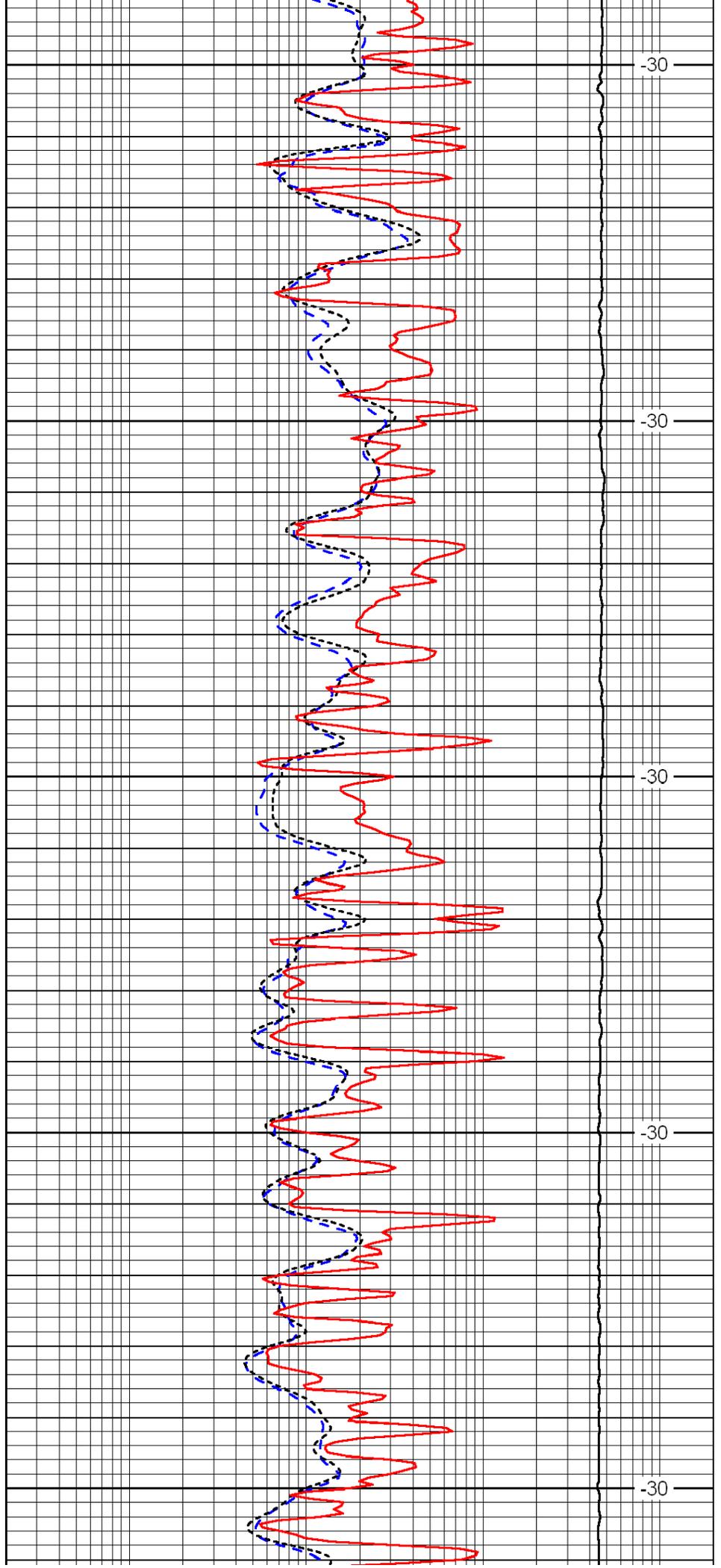
4350

4400

4450

4500

4550



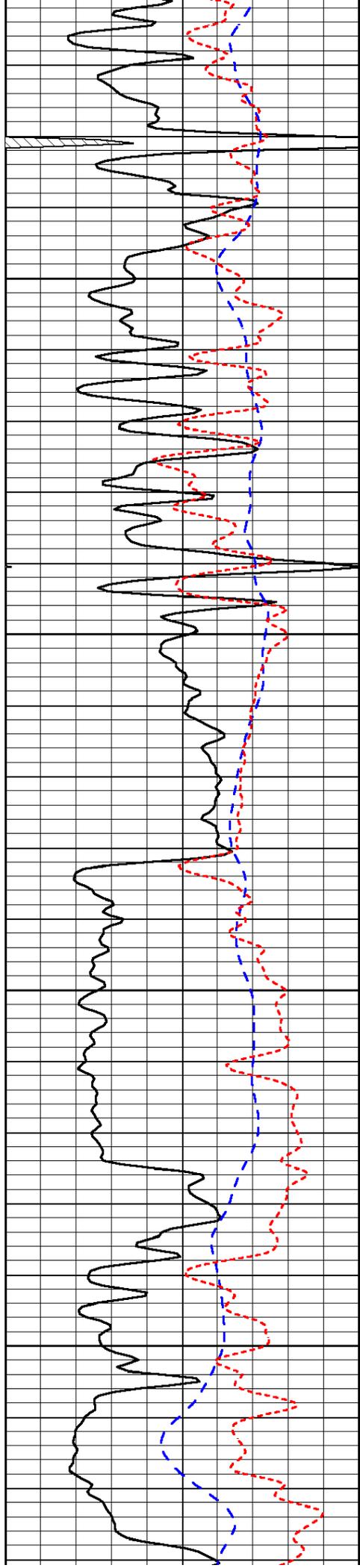
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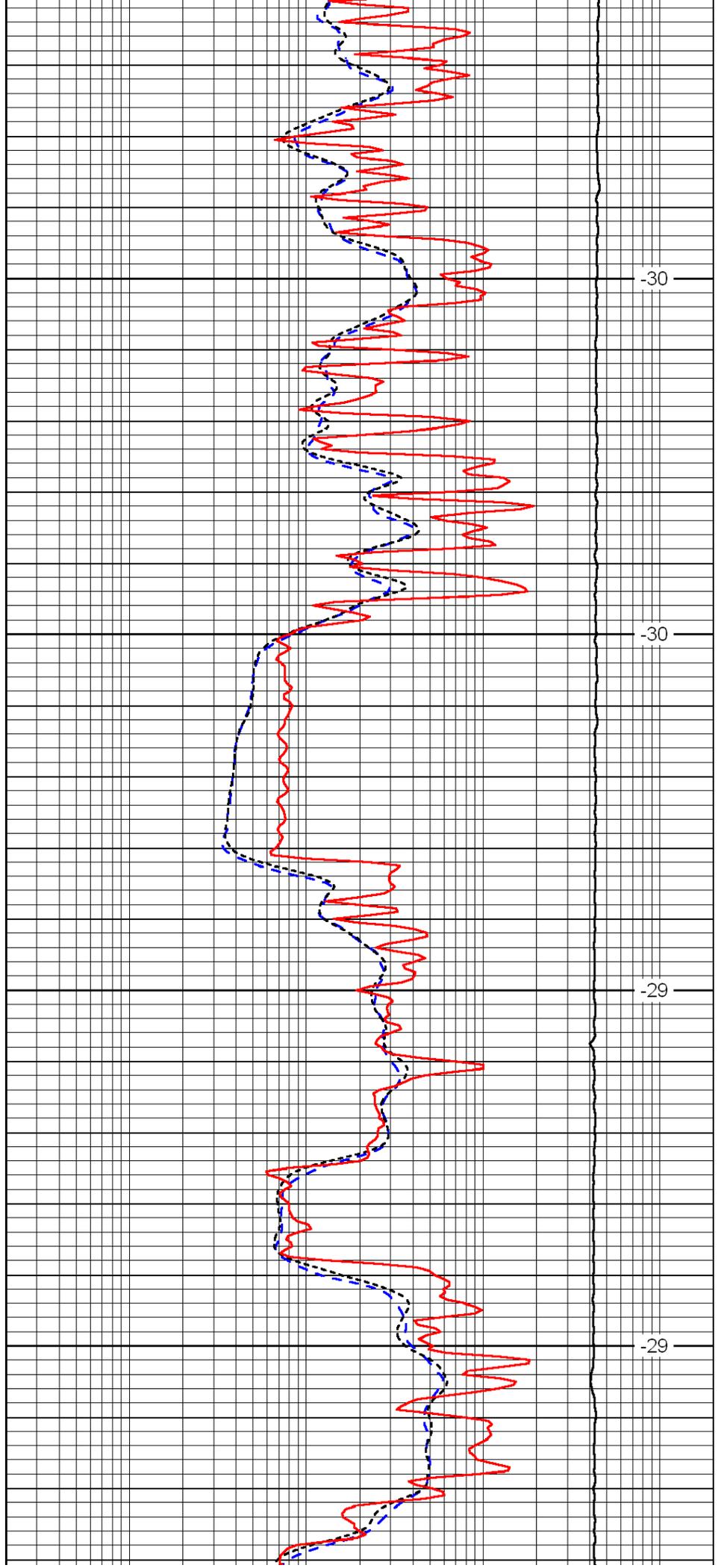


4600

4650

4700

4750

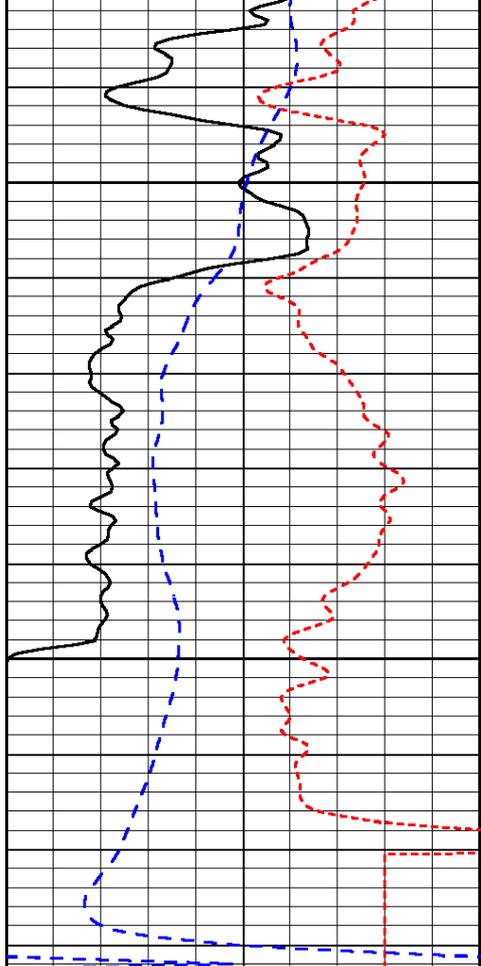


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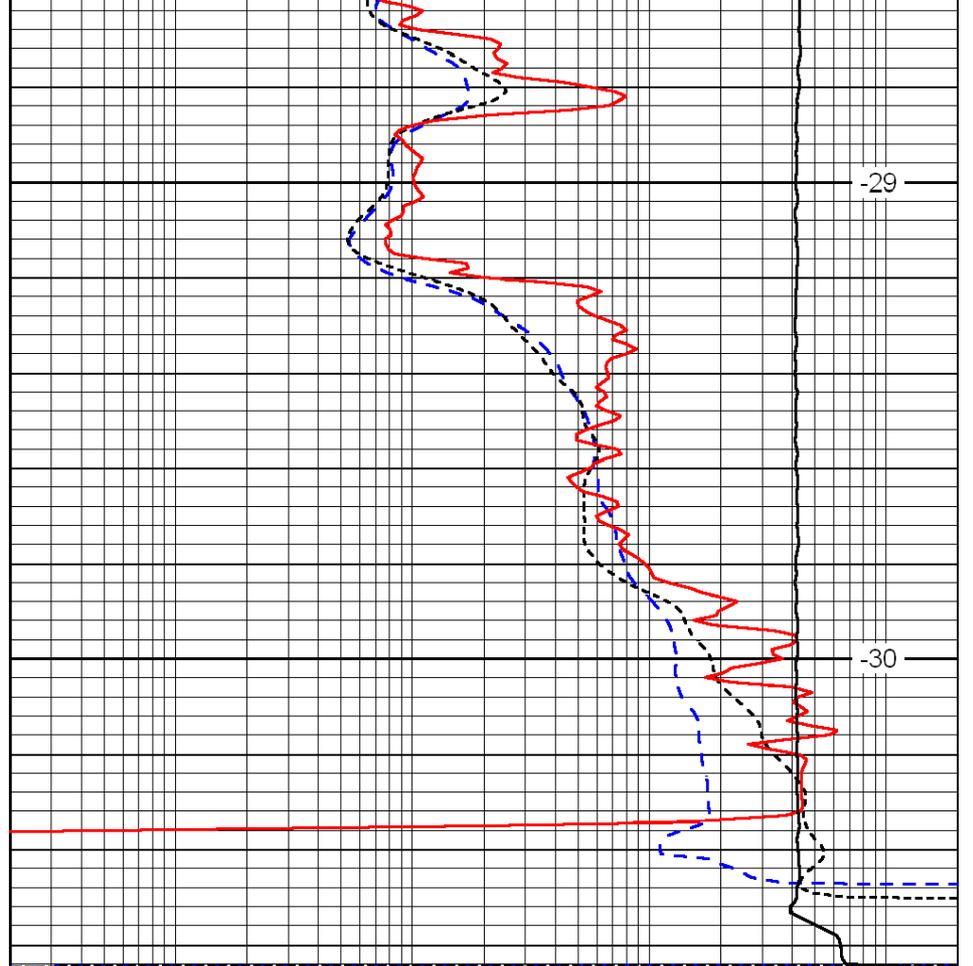
-29



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

4800

4850



-29

-30

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

LSPD