



PIONEER

Pioneer Energy Services

Dual Induction Log

API No.	15-163-24057-00-00		
Company	Vess Oil Corporation		
Well	Trico West Unit #3-5		
Field	Trico		
County	Rooks	State	Kansas
Location	1000' FNL & 2270' FWL		
Sec: 31	Twp: 10S	Rge: 20W	Other Services CNL/CDL MEL
Permanent Datum	Ground Level	Elevation 2109	Elevation
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum	K.B. 2114 D.F. G.L. 2109
Drilling Measured From	Kelly Bushing		
Date	8/21/2012		
Run Number	One		
Depth Driller	3766		
Depth Logger	3765		
Bottom Logged Interval	3764		
Top Log Interval	200		
Casing Driller	8.625 @ 220		
Casing Logger	218		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	5400		
Density / Viscosity	9.2	59	
pH / Fluid Loss	10.5	7.8	
Source of Sample	Flowline		
Rm @ Meas. Temp	0.80 @ 85		
Rmf @ Meas. Temp	0.60 @ 85		
Rmc @ Meas. Temp	1.08 @ 85		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.59 @ 116		
Operating Rig Time	5 Hours		
Max Rec. Temp. F	116		
Equipment Number	91		
Location	Hays		
Recorded By	D. Schmidt		
Witnessed By	Roger Martin		

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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

Ellis,
North to county line (EE Rd), 2 West to Co. Rd 1, 1 1/4 North,
East and South to location

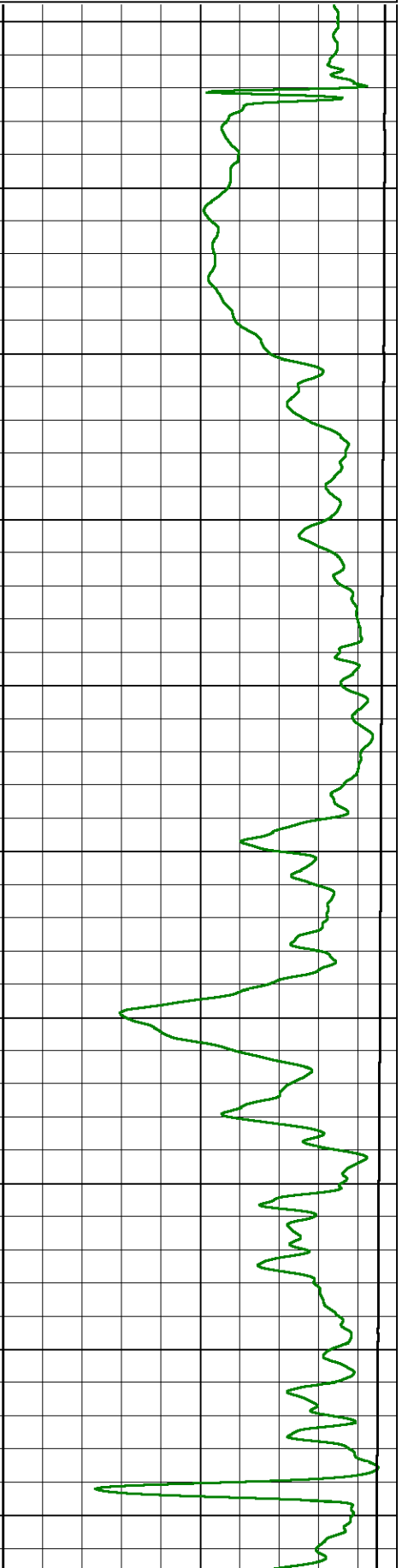
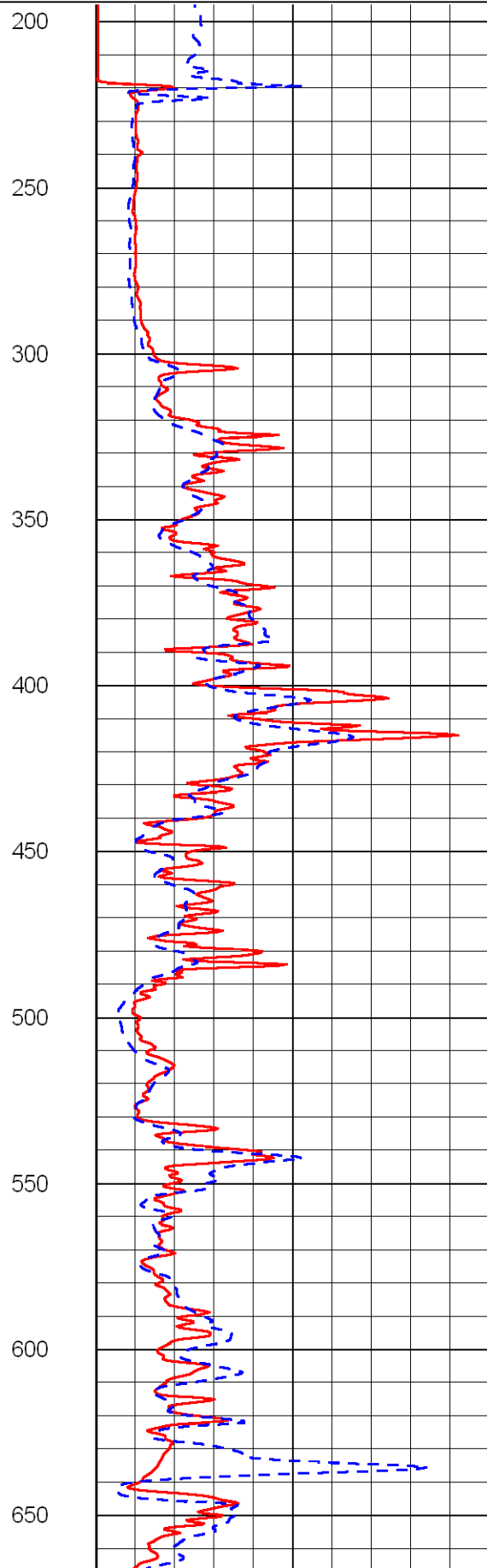
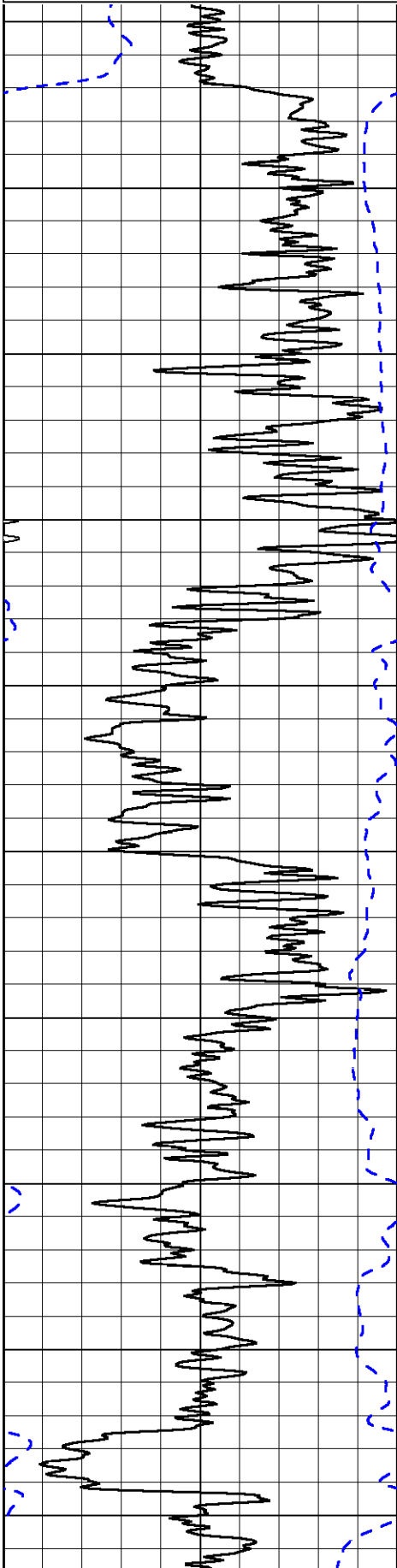
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Charted by: Depth in Feet scaled 1:600

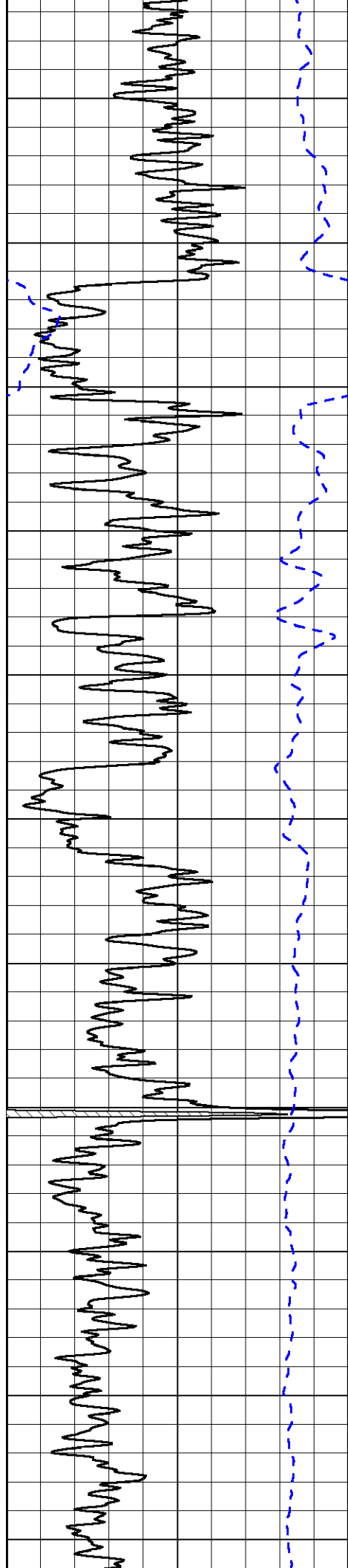
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0	Shallow Resistivity	50
0	Deep Resistivity	50

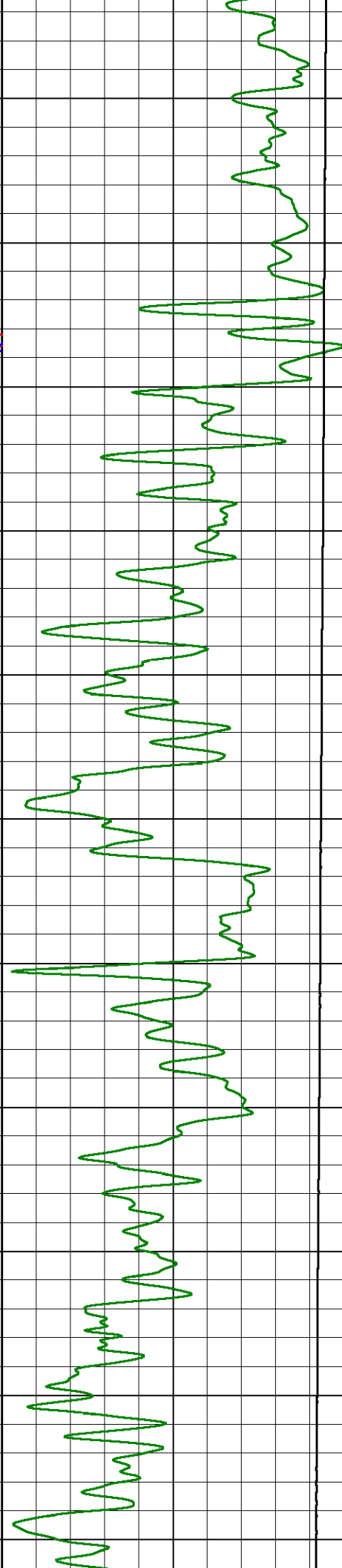
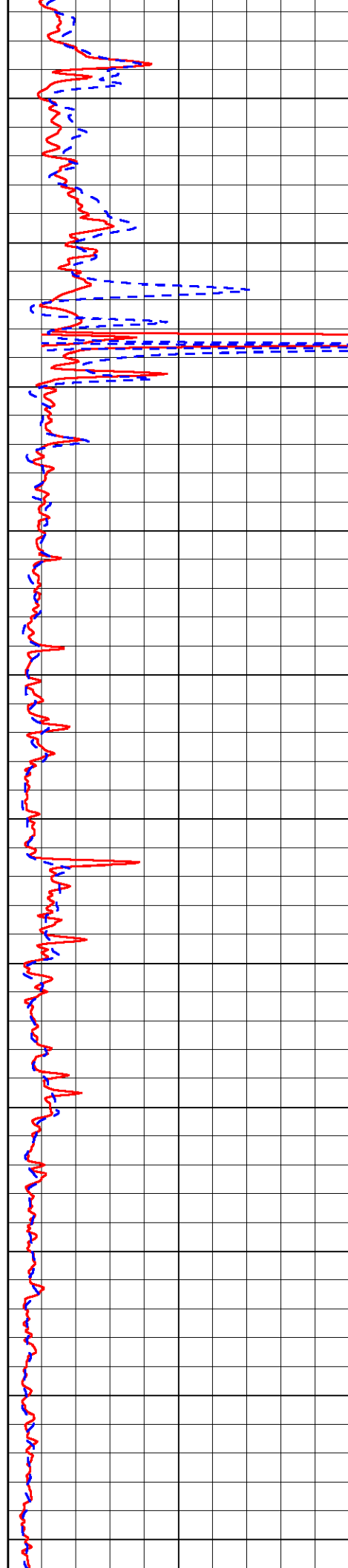
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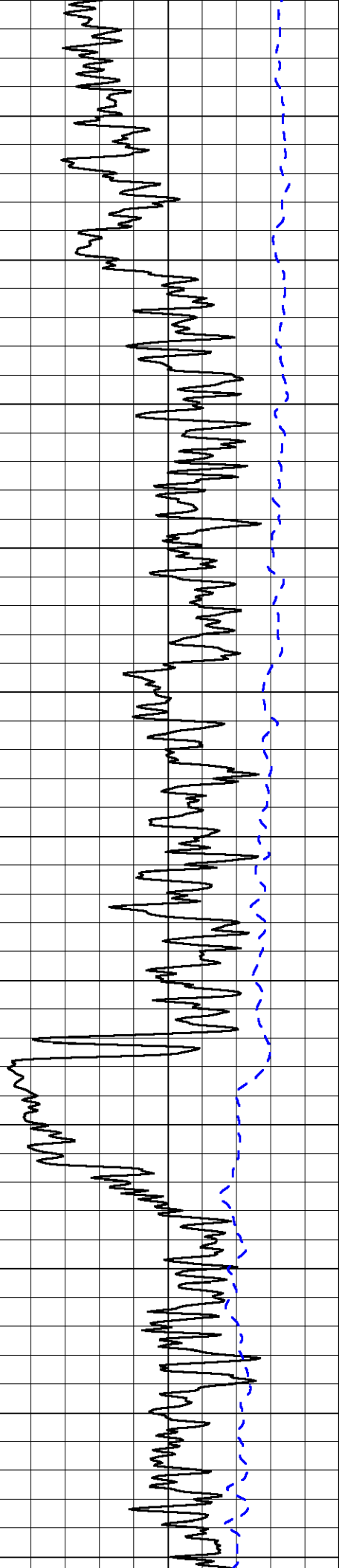
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50	Deep Resistivity	500



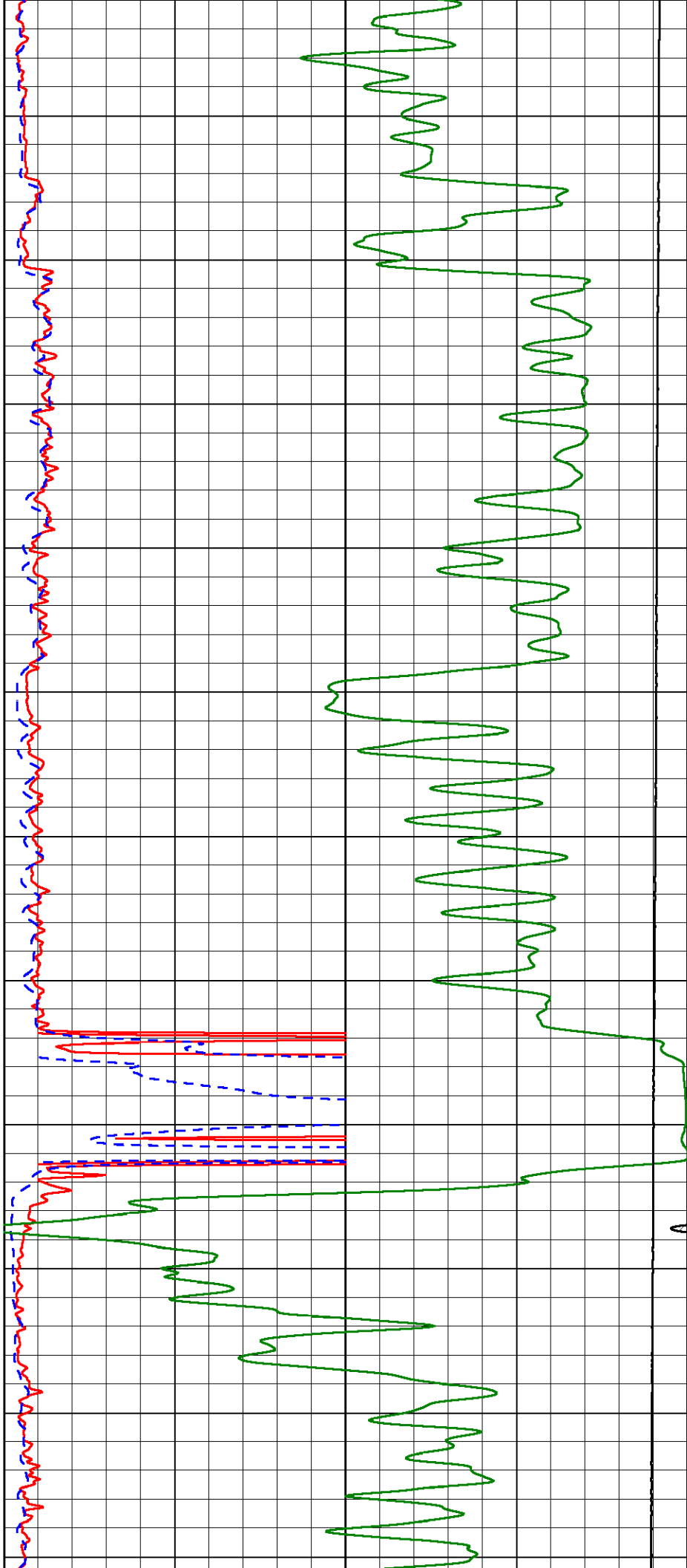


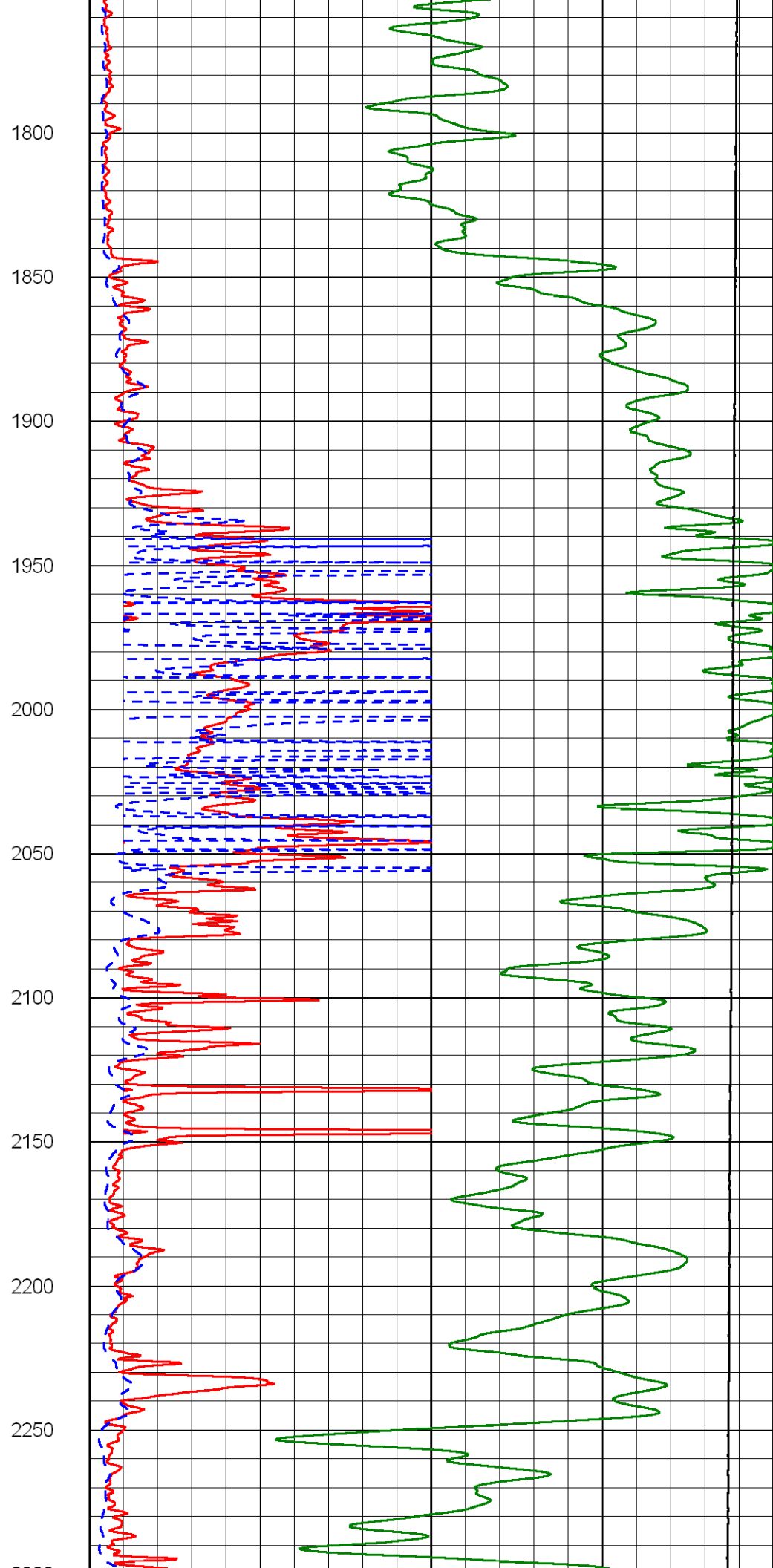
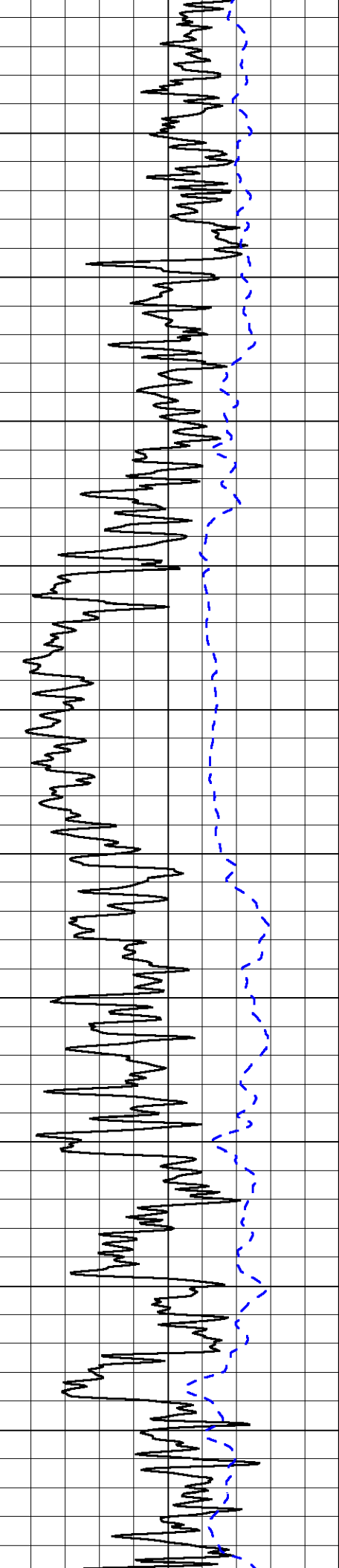
700
750
800
850
900
950
1000
1050
1100
1150
1200



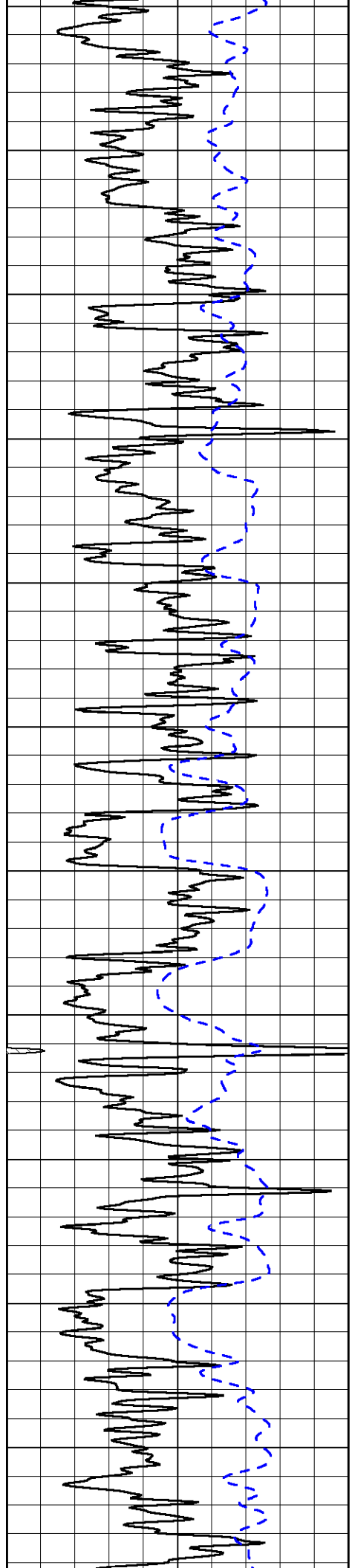
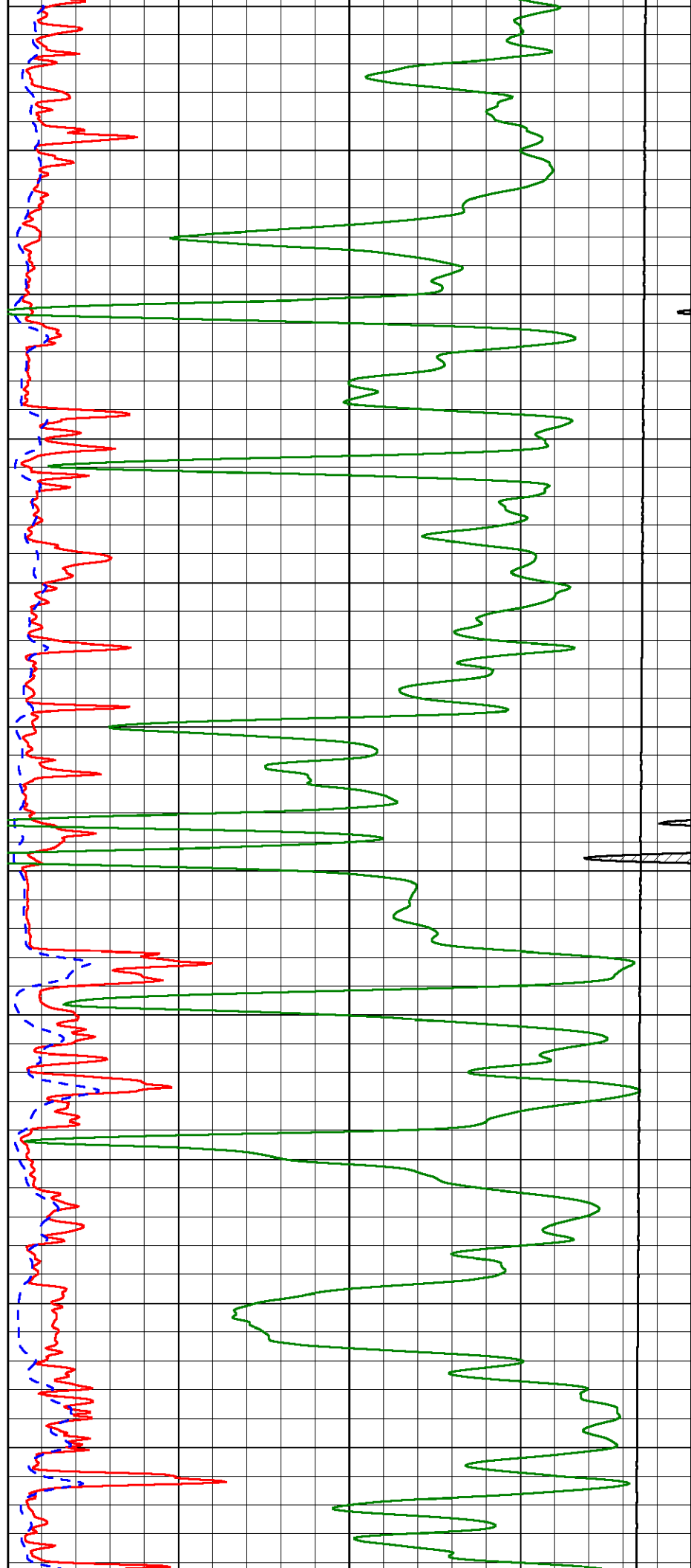


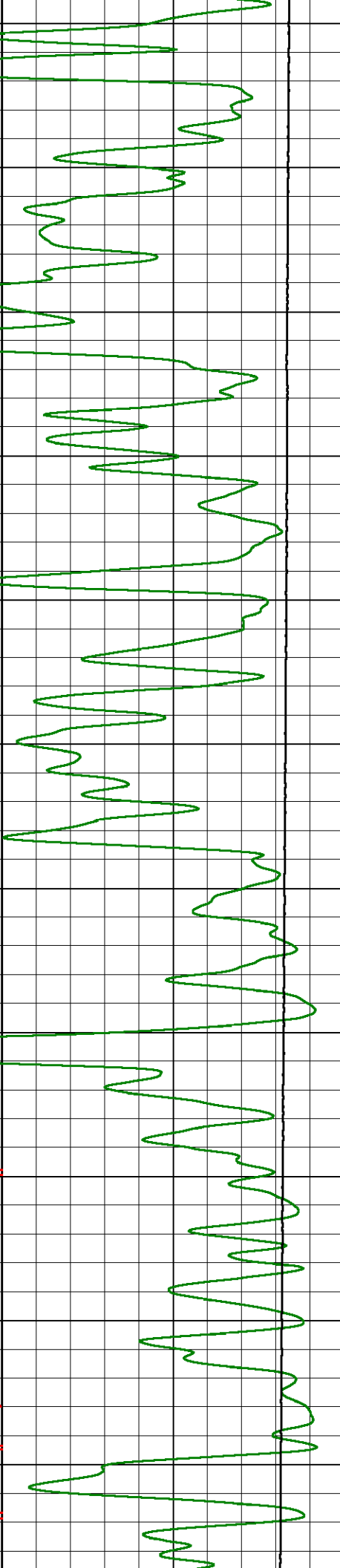
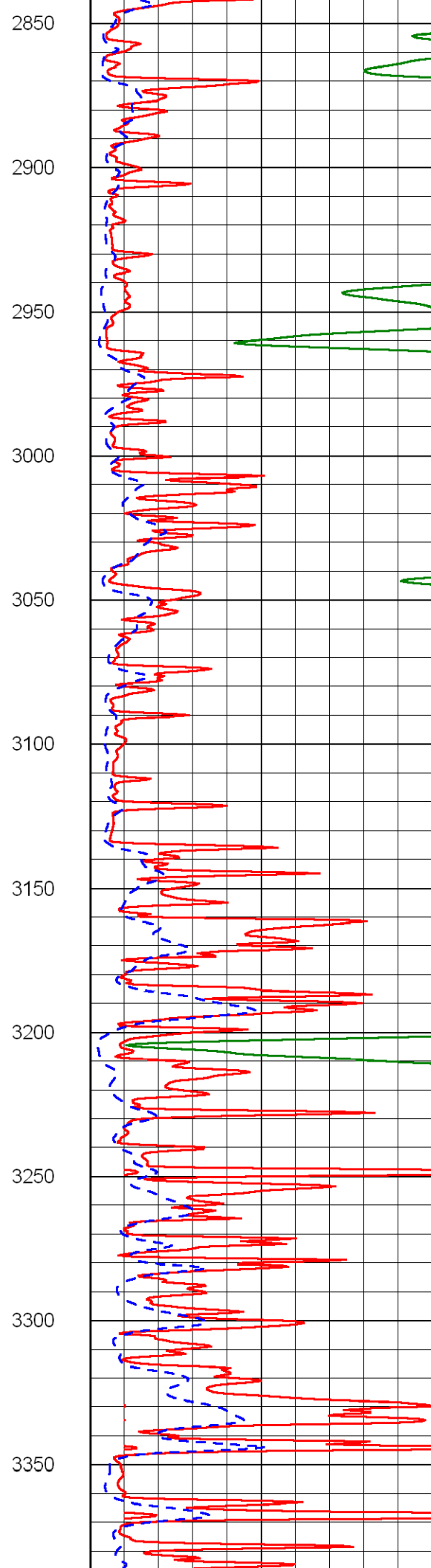
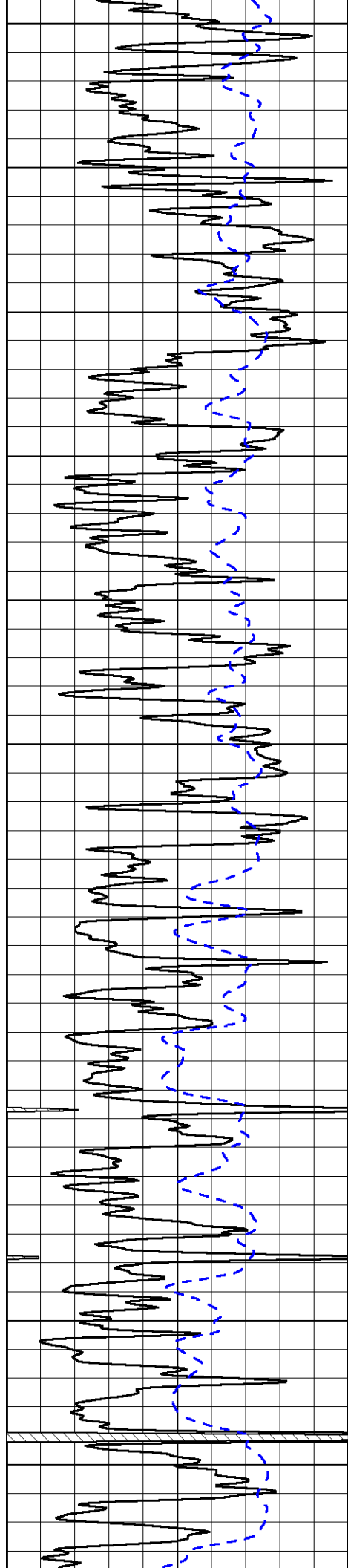
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1500
1550
1600
1650
1700
1750

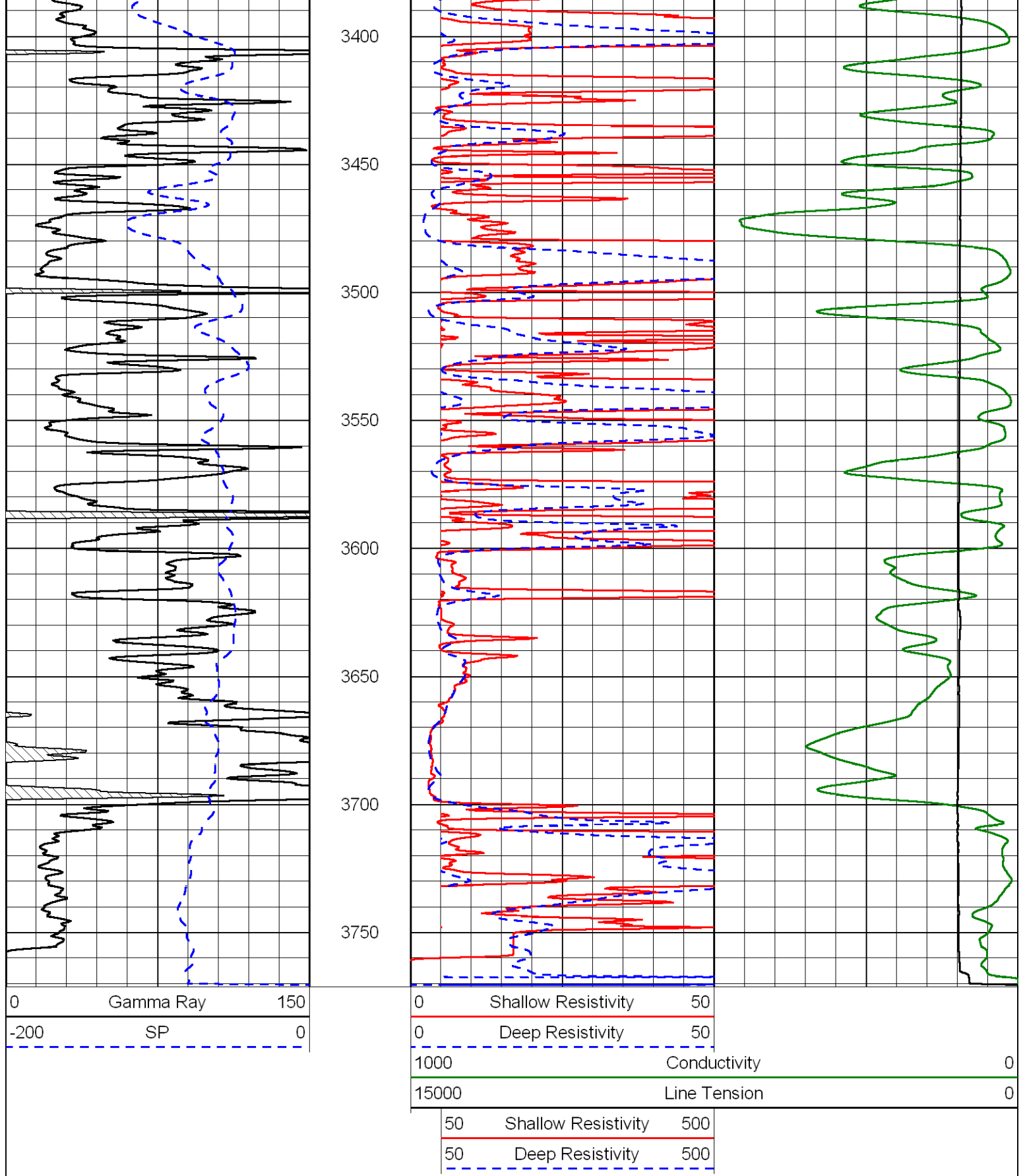




2300
2350
2400
2450
2500
2550
2600
2650
2700
2750
2800







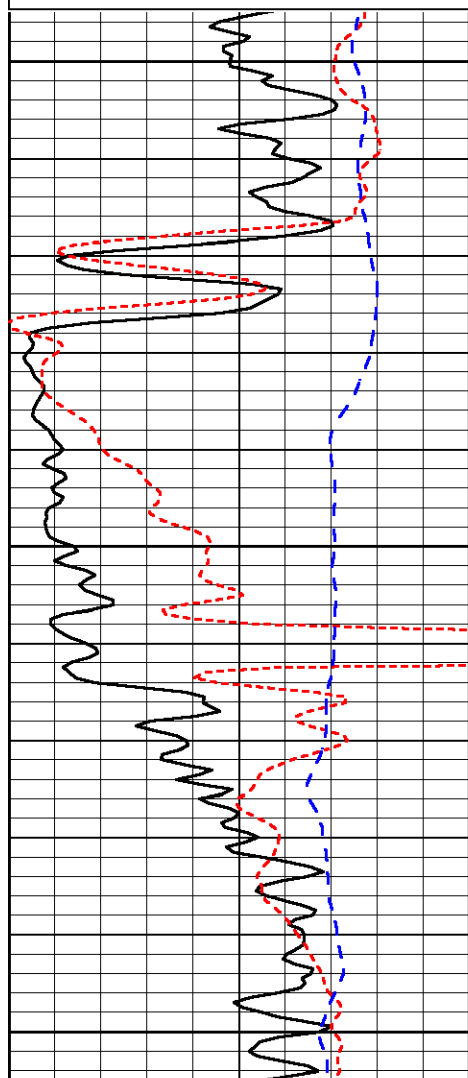
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 Dataset Pathname: dil/vstack
 Presentation Format: dil
 Dataset Creation: Tue Aug 21 20:54:43 2012
 Charted by: Depth in Feet scaled 1:240



-200	SP	0
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0.2	Shallow Resistivity	2000
10000	Line Tension	0

LSPD

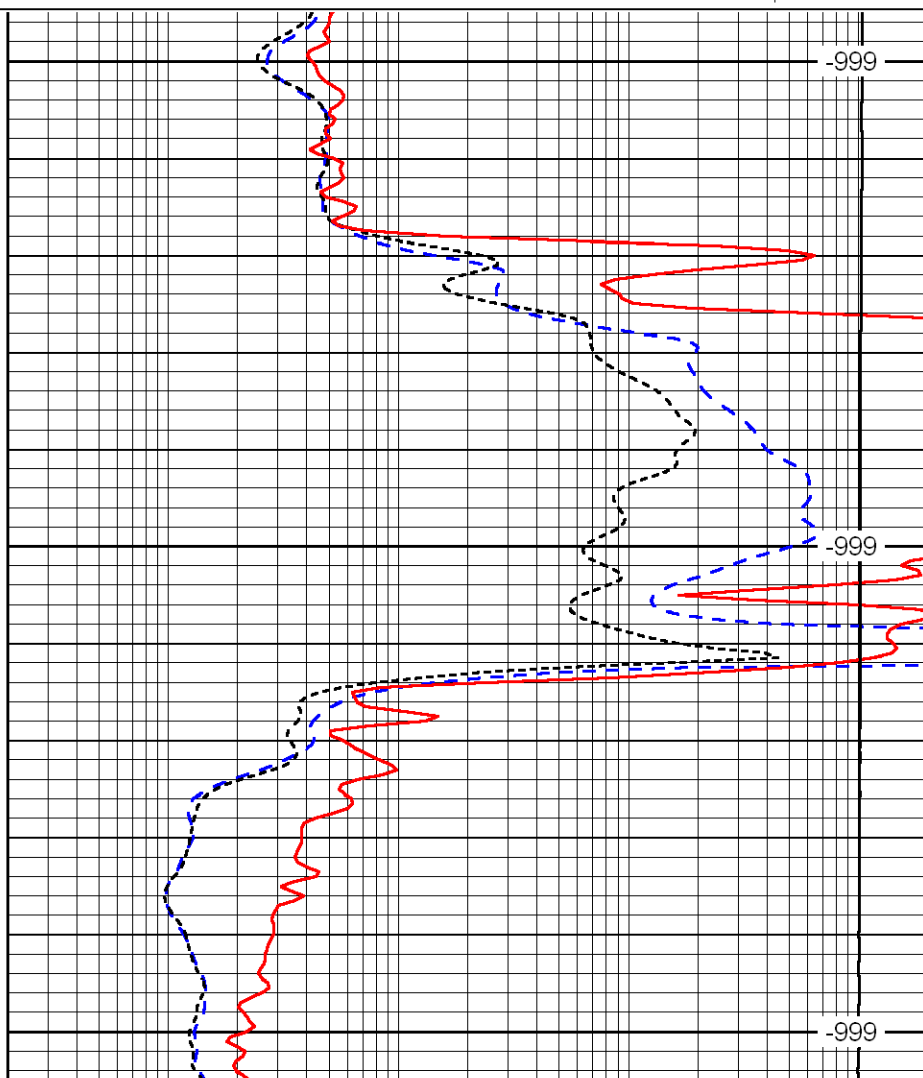


1550

1600

1650

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



-999

-999

-999

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

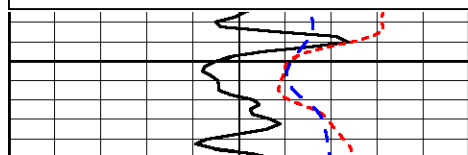
LSPD

Database File: vess_082112hd.db
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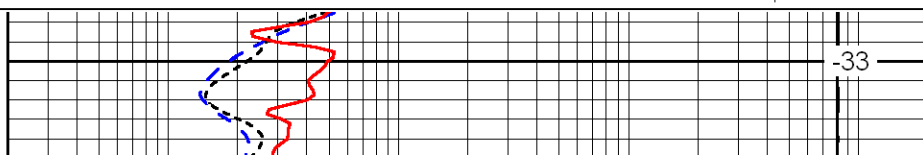
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-160	RXO/RT	40
-200	SP	0

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

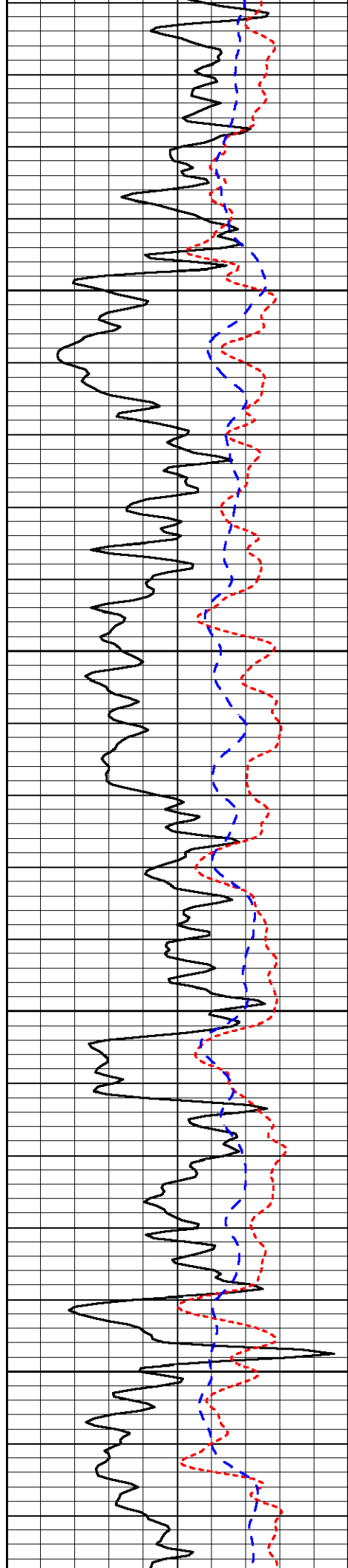
LSPD



2250



-33

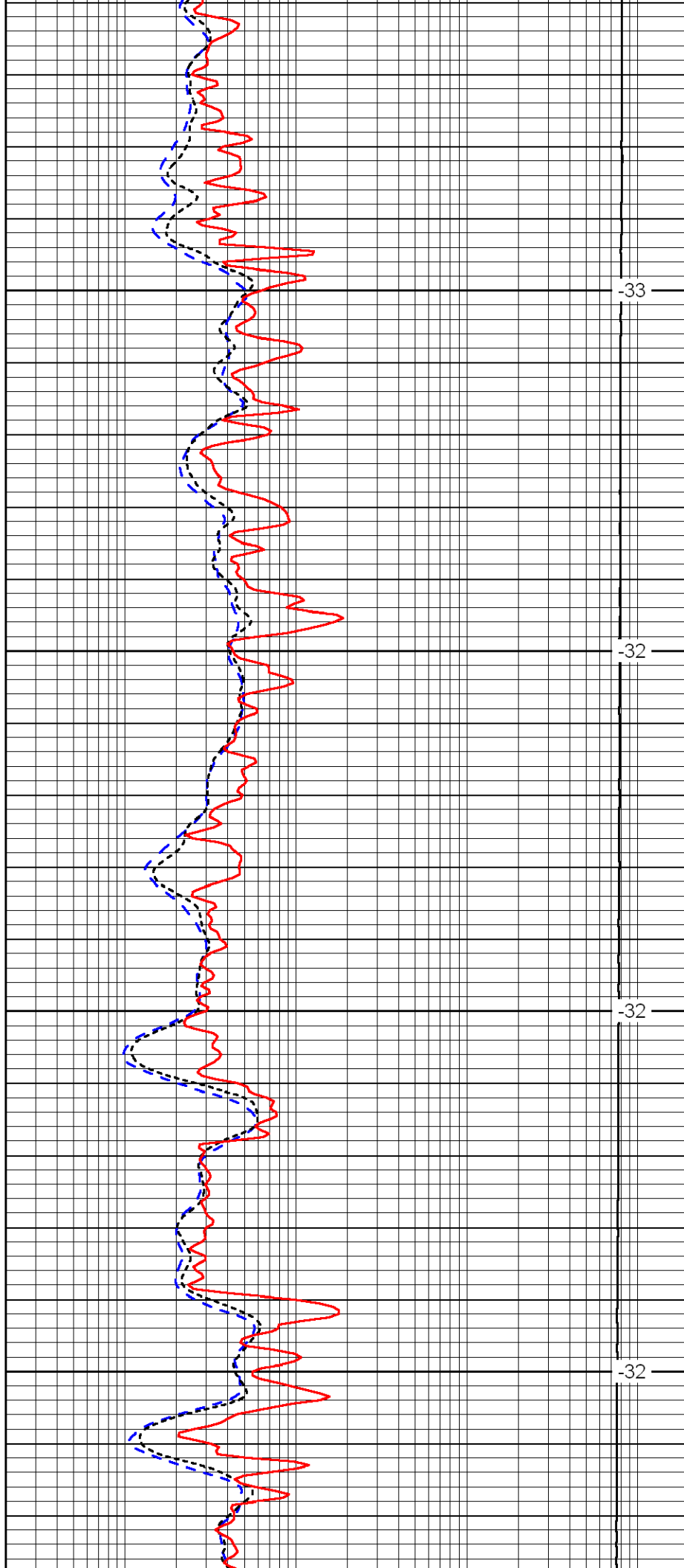


2300

2350

2400

2450

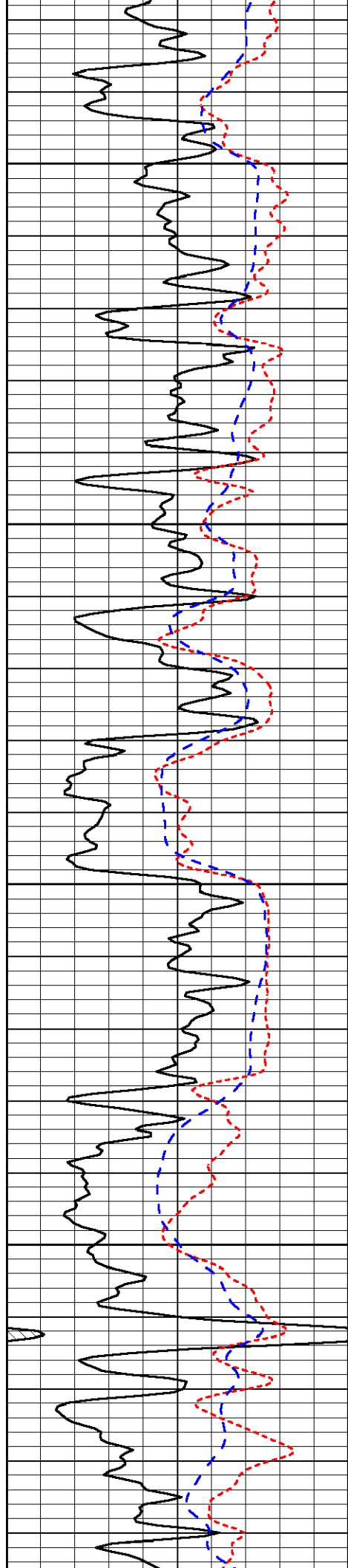


-33

-32

-32

-32

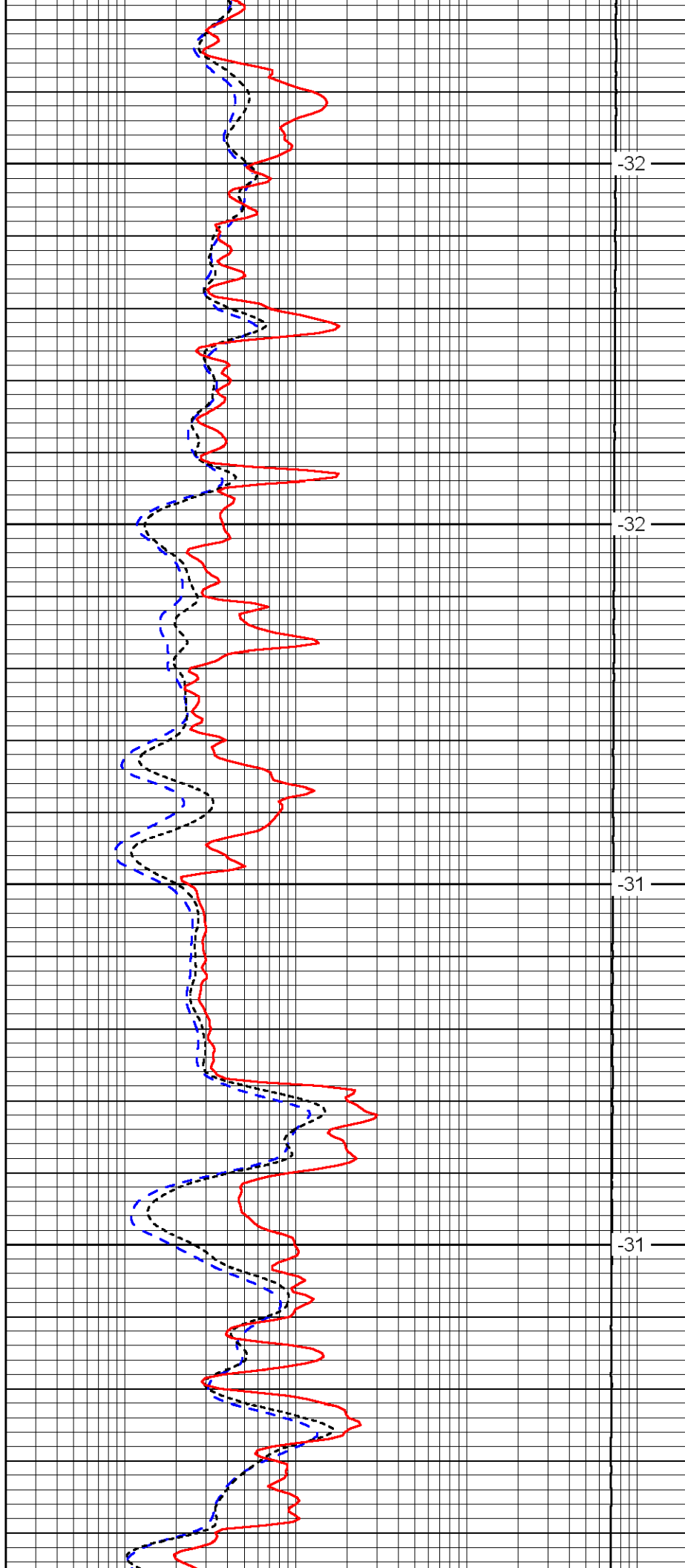


2500

2550

2600

2650

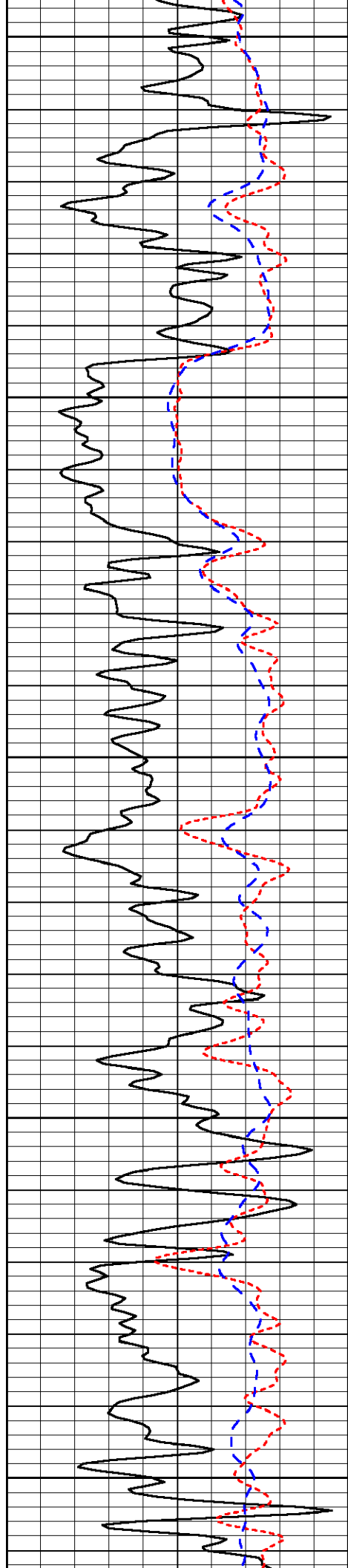


-32

-32

-31

-31



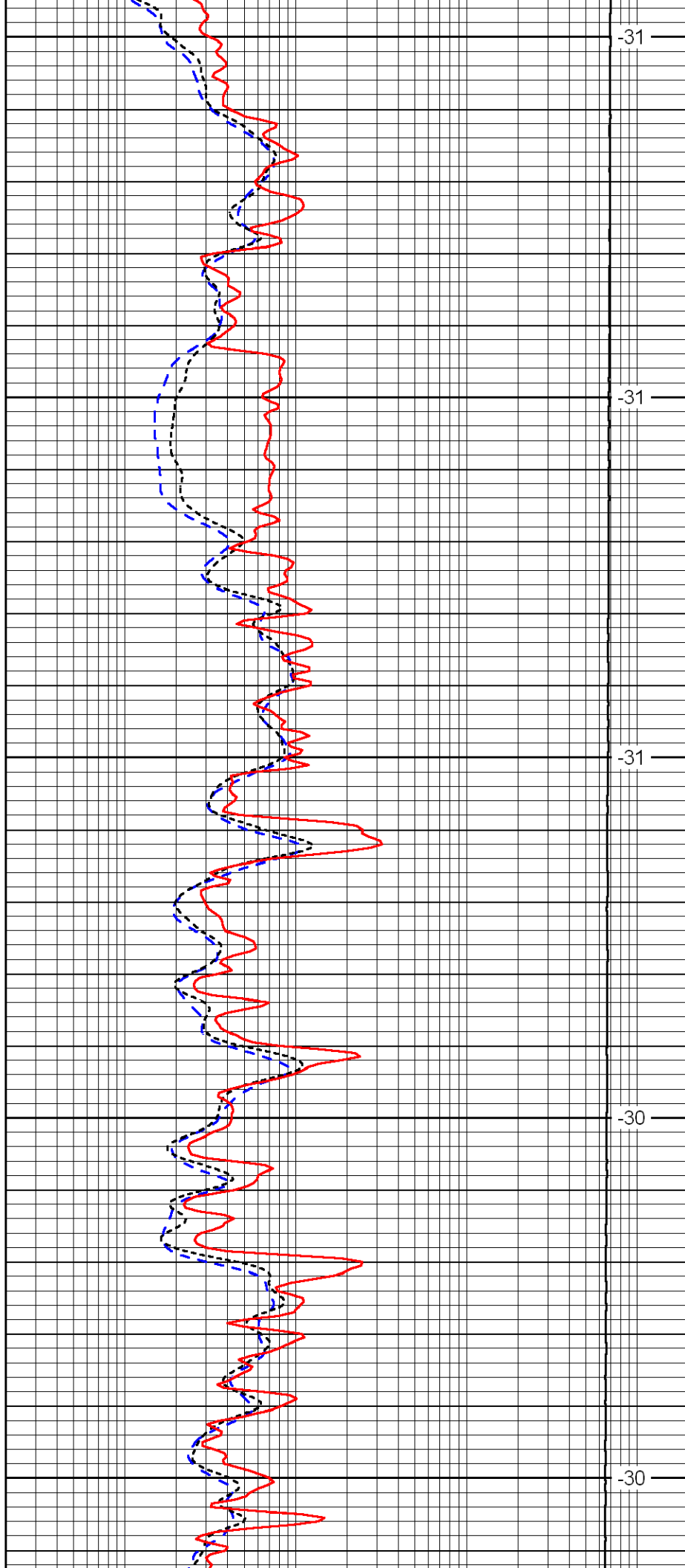
2700

2750

2800

2850

2900



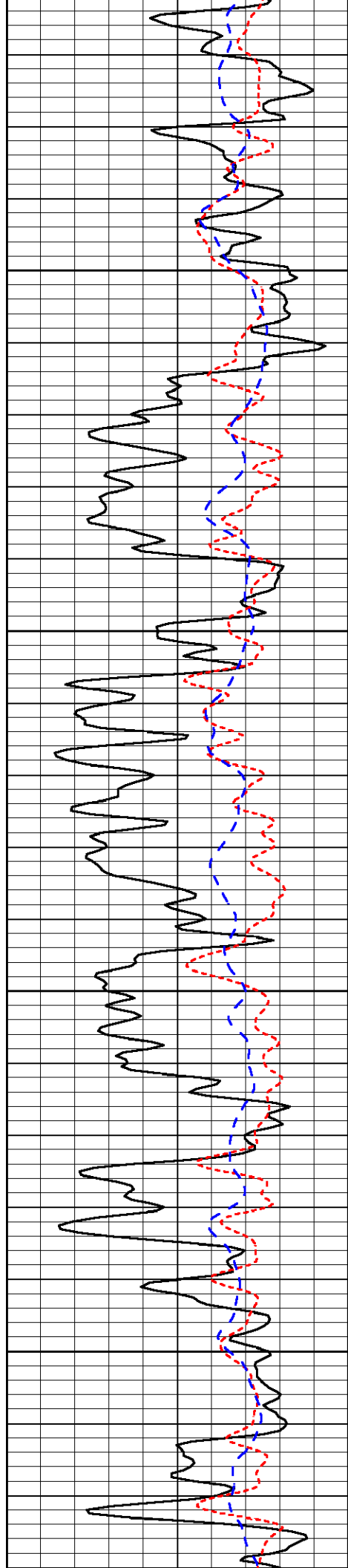
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-31

-31

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-30

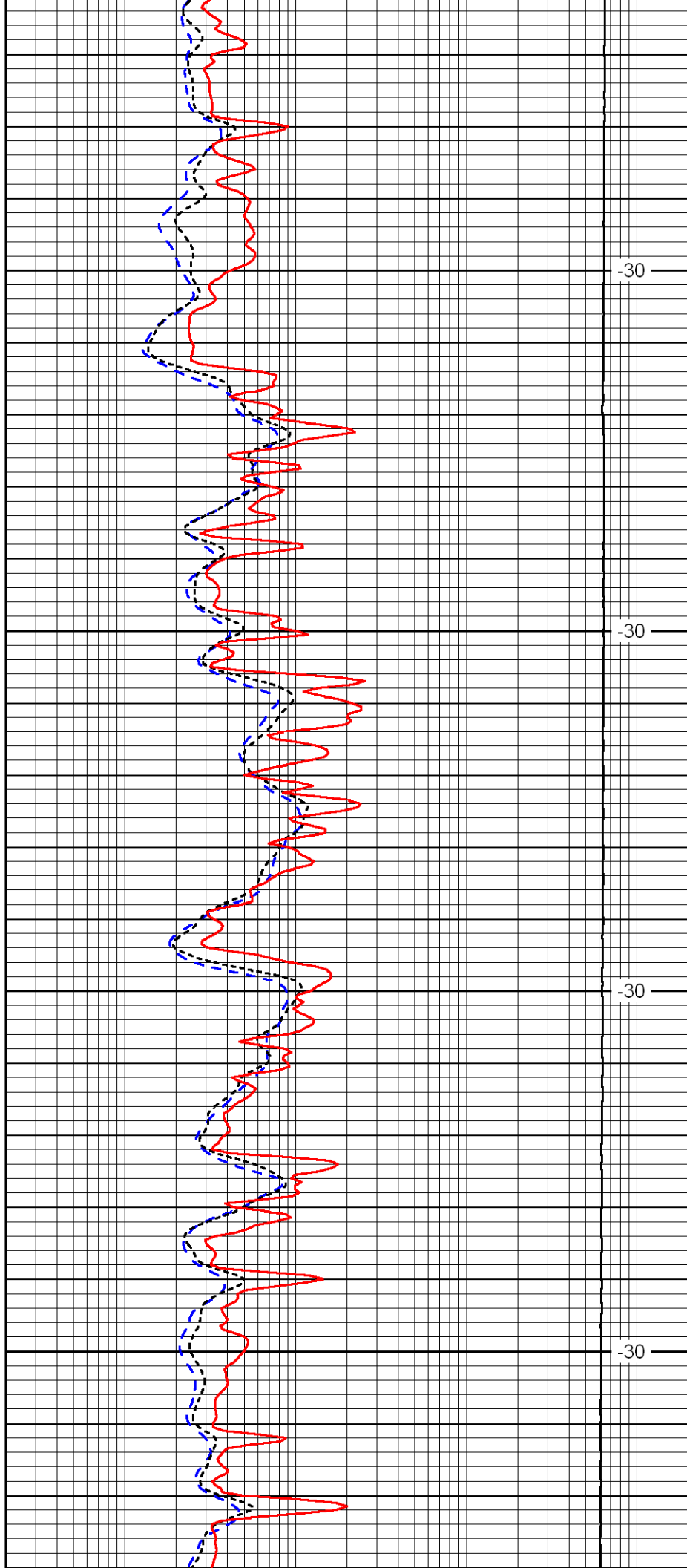


2950

3000

3050

3100

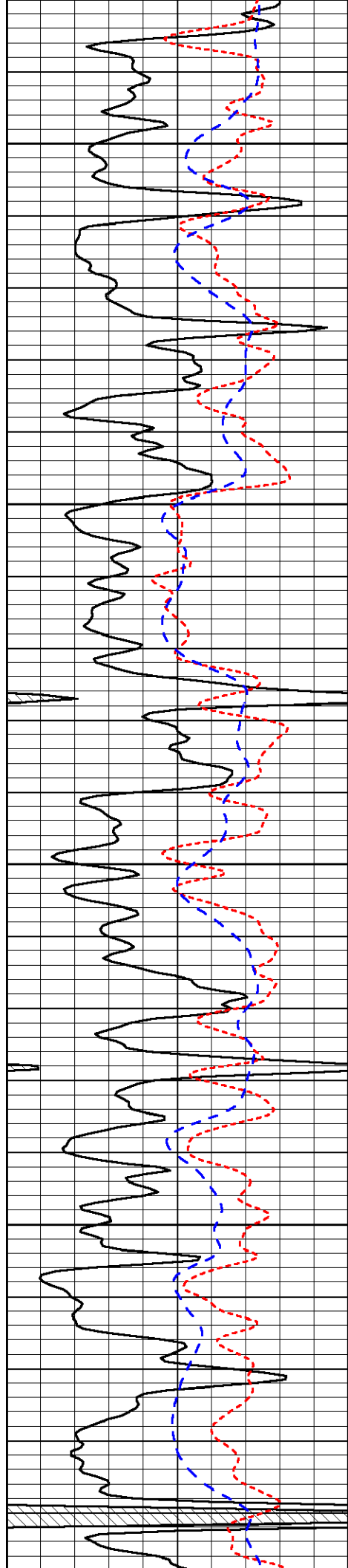


-30

-30

-30

-30

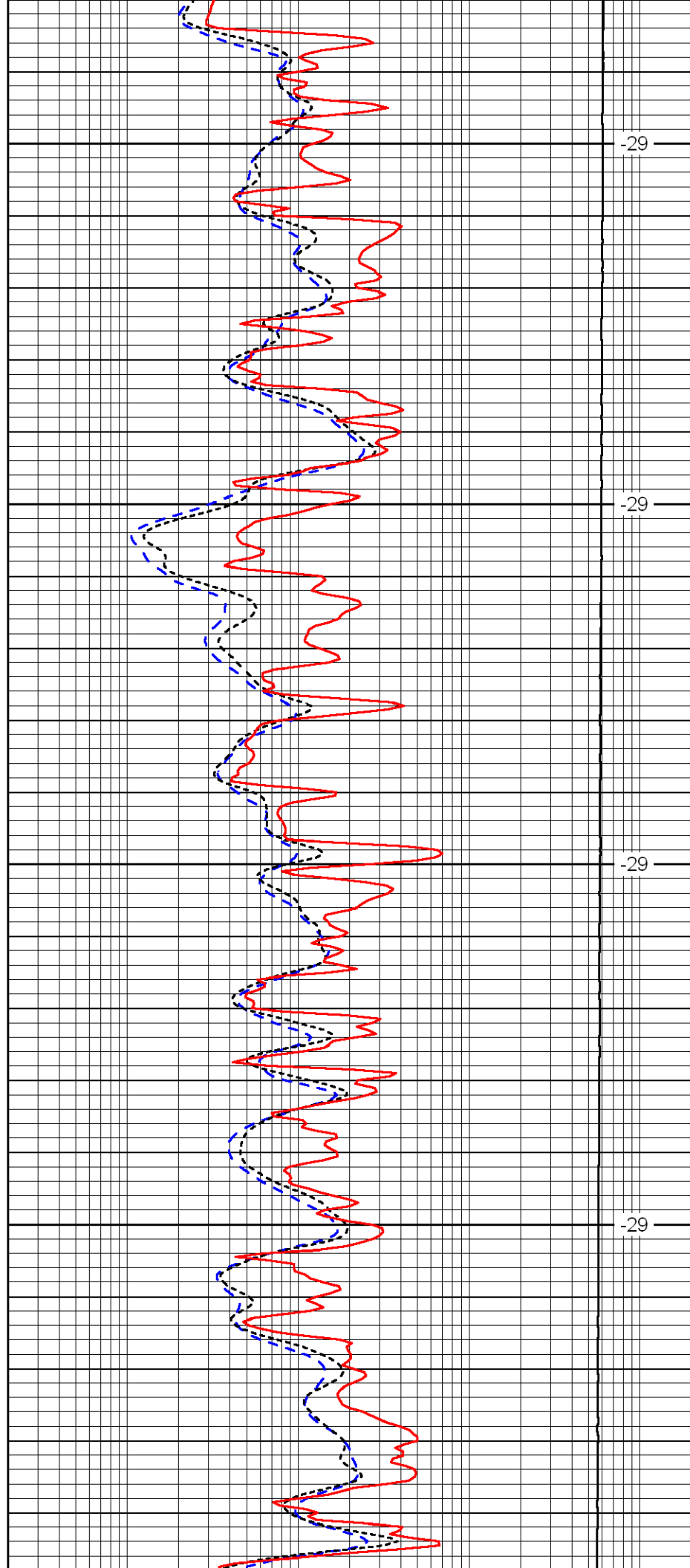


3150

3200

3250

3300

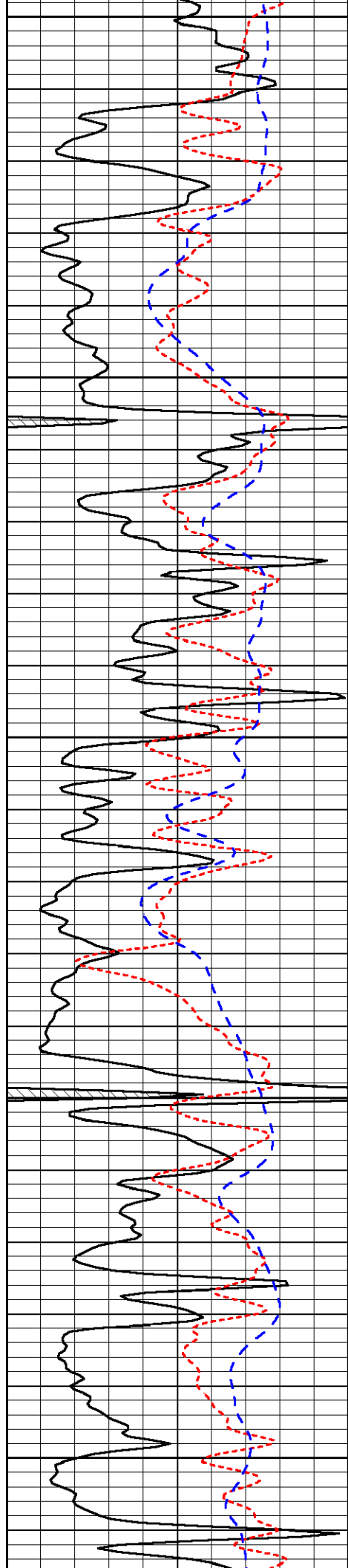


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-29

-29

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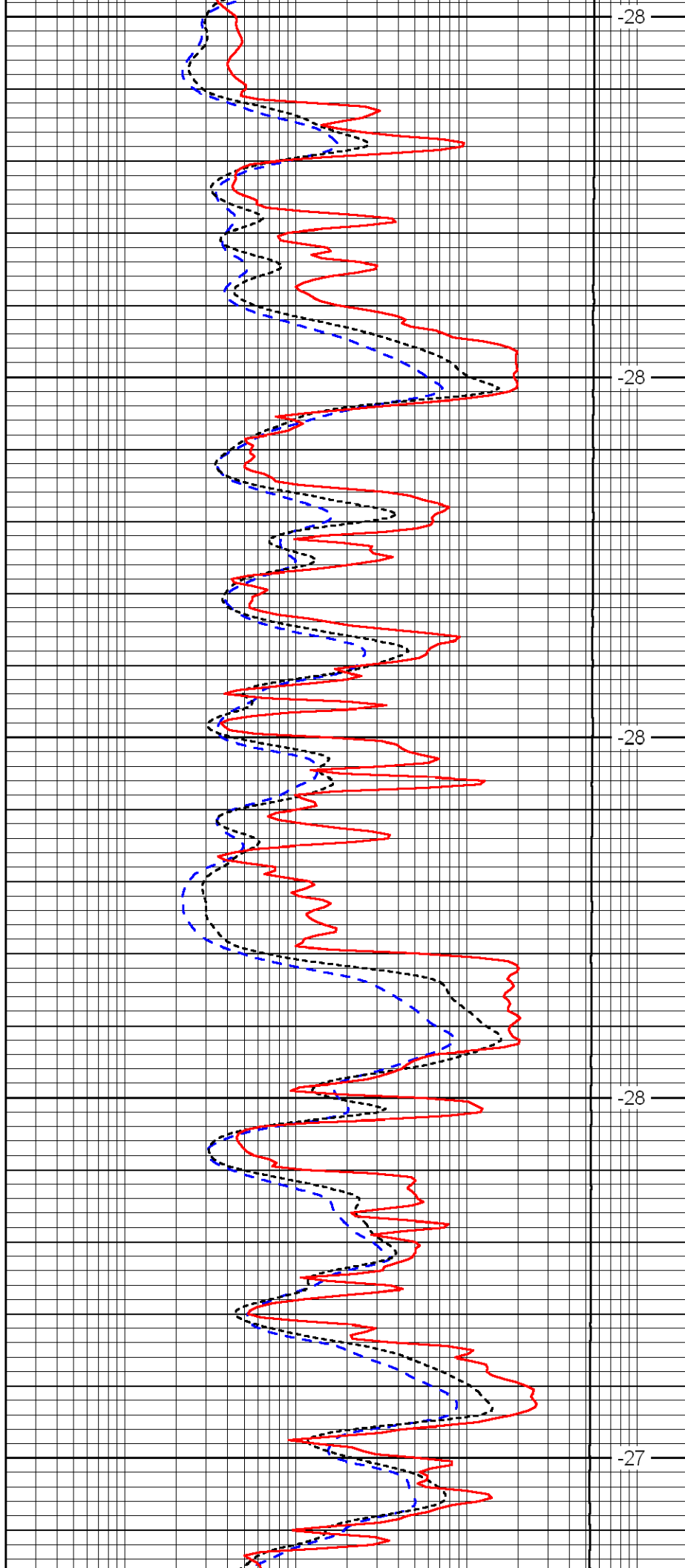
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3400

3450

3500

3550



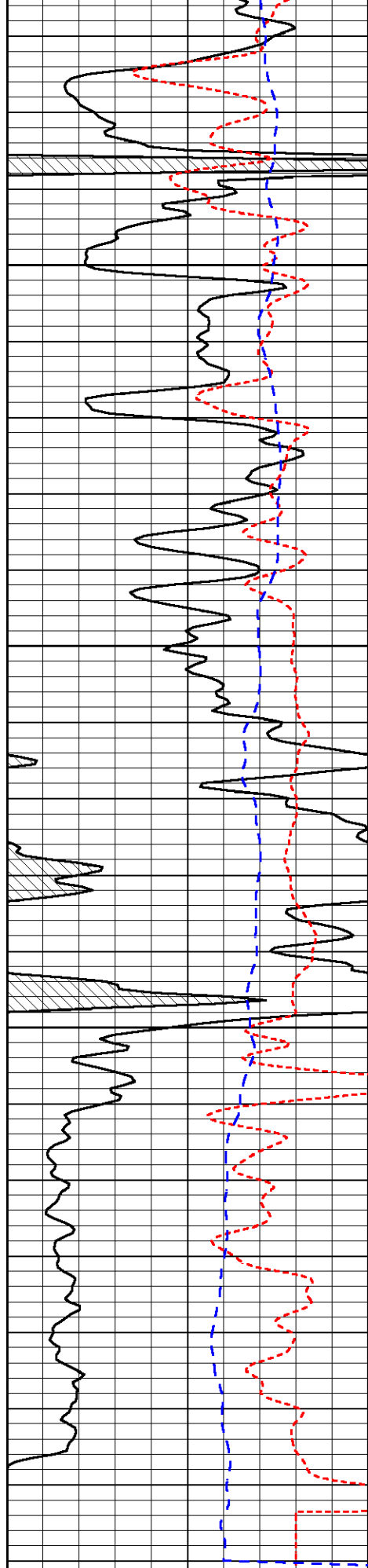
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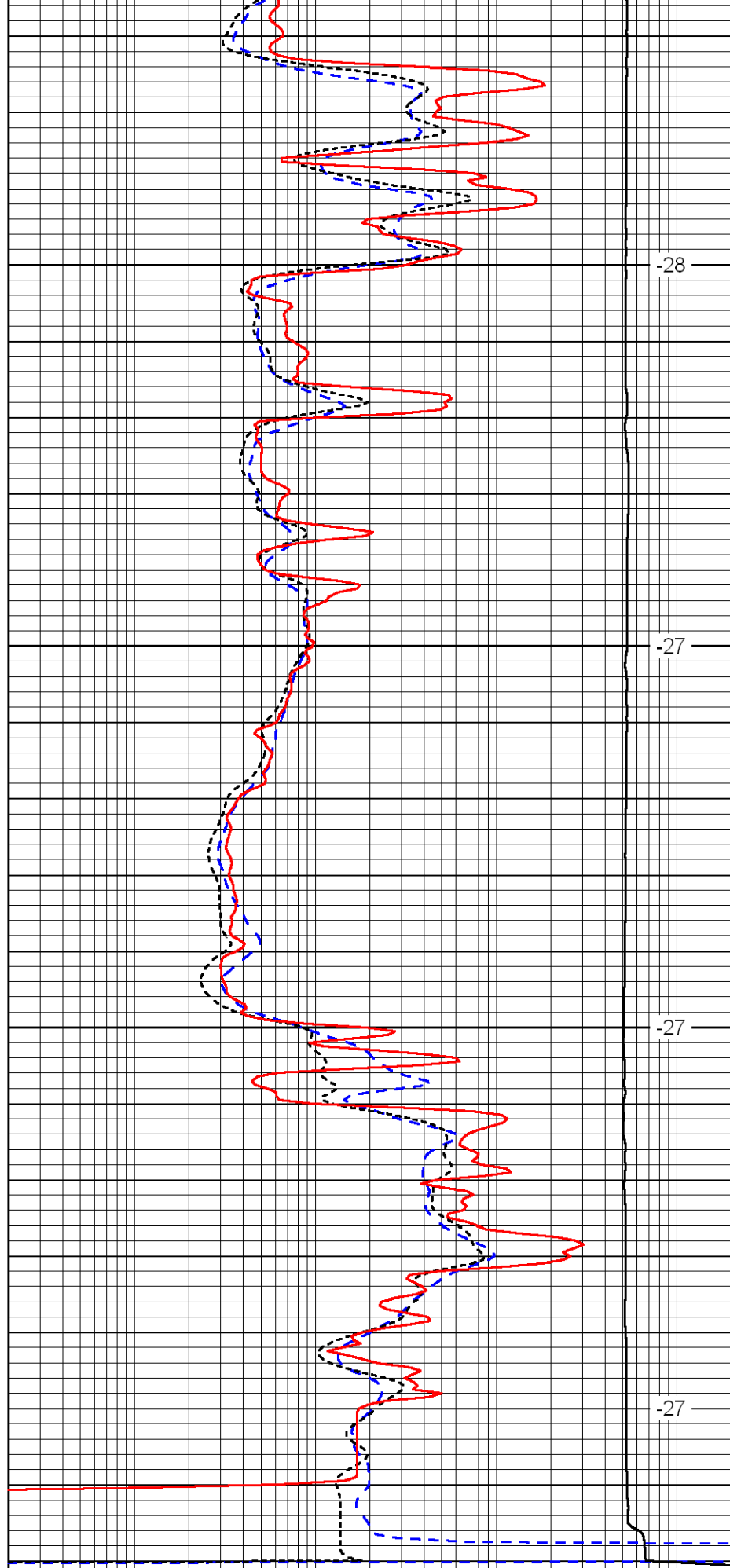
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-160	RXO/RT	40
200	SP	0

3600

3650

3700

3750



0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000

-28

-27

-27

-27

-200 SP 0



0.2	Shallow Resistivity	2000
10000	Line Tension	0
		LSPD