



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company AAS Oil Company		
	Well Marrs No. 4		
	Field Gibson Pool		
	County Cowley	State	Kansas
15-035-24,360	Location	E/2 NW SW 1,980' FSL & 990' FWL	
	Sec: 20	Twp: 34	Rge: 3E
			Other Services CNL/CDL
Permanent Datum	Ground Level	Elevation 1148	
Log Measured From	Kelly Bushing	8 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing	K.B. 1156 D.F. 1148 G.L. 1148	
Date	7/18/2010		
Run Number	One		
Depth Driller	3455		
Depth Logger	3444		
Bottom Logged Interval	3443		
Top Log Interval	300		
Casing Driller	8.625 @ 311		
Casing Logger	320		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	1200		
Density / Viscosity	9.2 53		
pH / Fluid Loss	8.0 10.4		
Source of Sample	Flowline		
Rm @ Meas. Temp	1.70 @ 86		
Rmf @ Meas. Temp	1.28 @ 86		
Rmc @ Meas. Temp	2.30 @ 86		
Source of Rmf / Rmc	Charts		
Rm @ BHT	1.32 @ 111		
Operating Rig Time	2 1/2 Hours		
Max Rec. Temp. F	111		
Equipment Number	10		
Location	Hays		
Recorded By	J. Long		
Witnessed By	Mike Engelbrecht		

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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

Arkansas City, 5 West to 11th Rd, 1 1/4 North, East Into

Database File: c:\warrior\data\as_marrs no. 4\as4hd.db
Dataset Pathname: dil/asstock
Presentation Format: dil2in
Dataset Creation: Sun Jul 18 11:07:30 2010
Charted by: Depth in Feet scaled 1:600

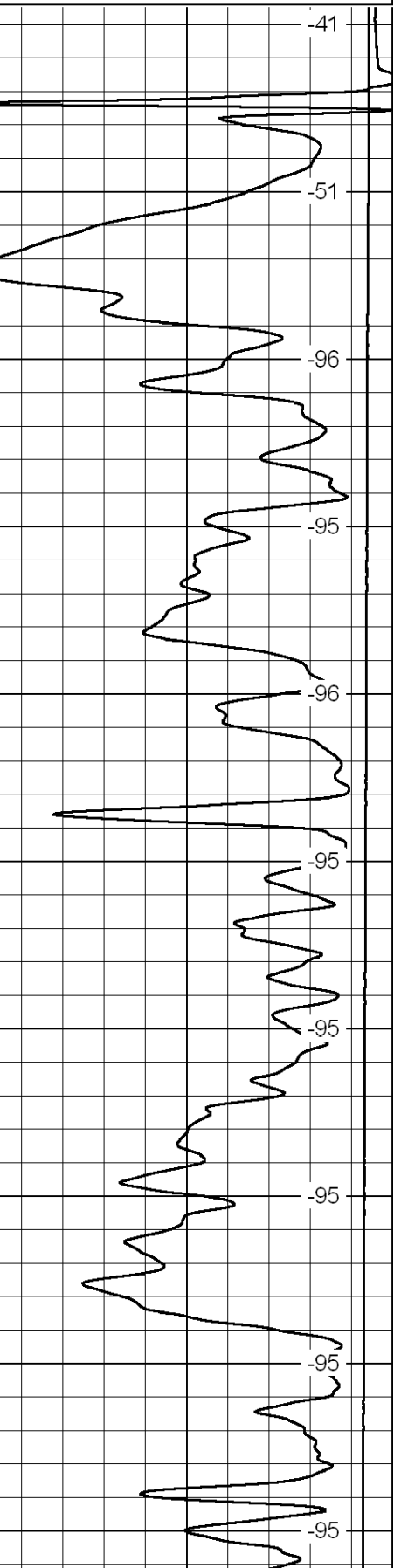
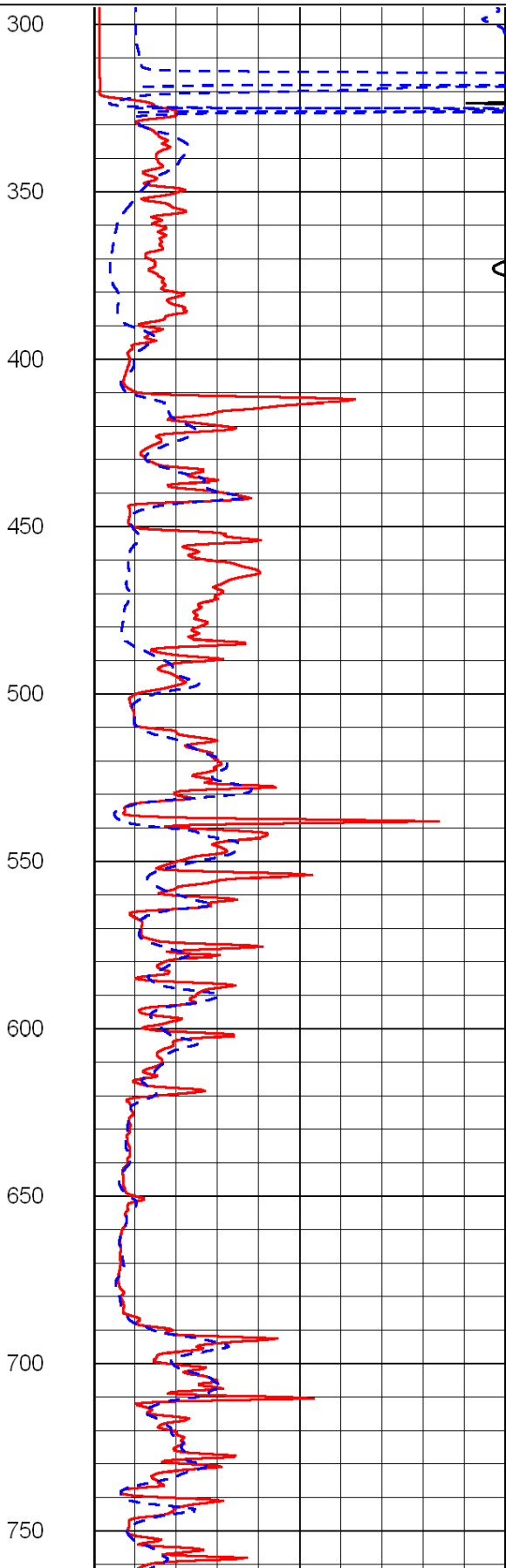
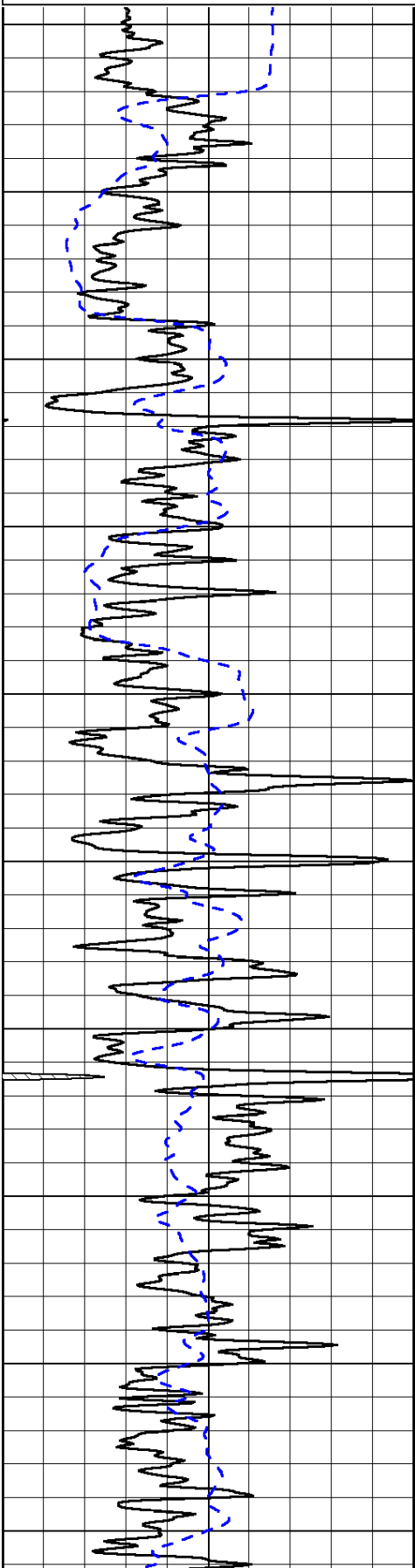
0	Gamma Ray	150
-200	SP (mV)	0

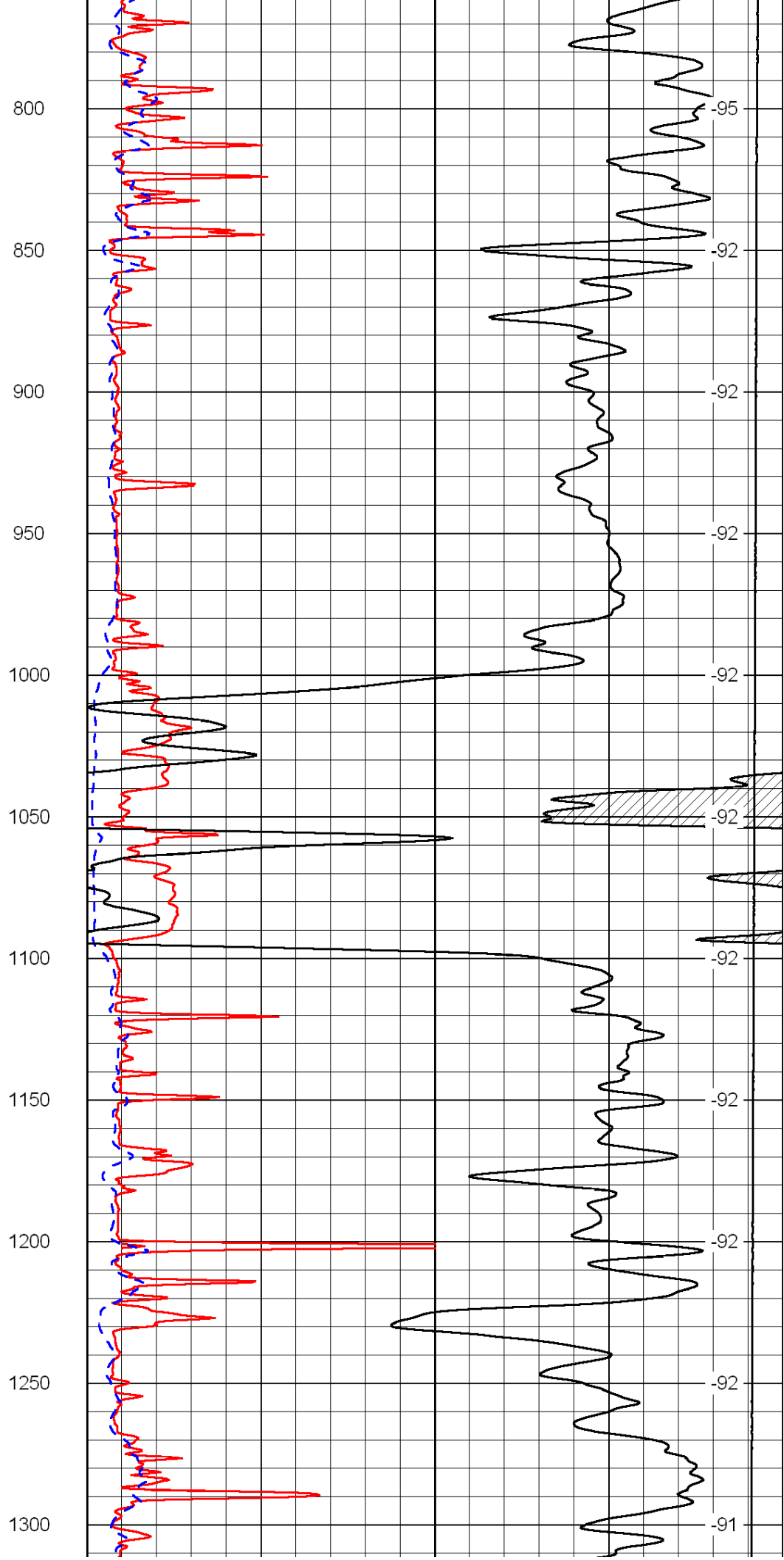
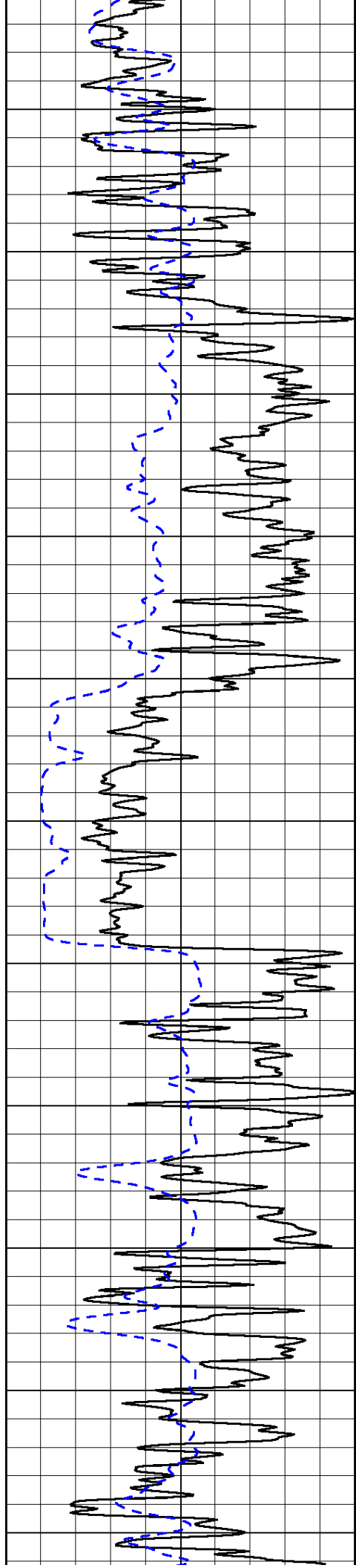
0	Shallow Resistivity	50
0	Deep Resistivity	50

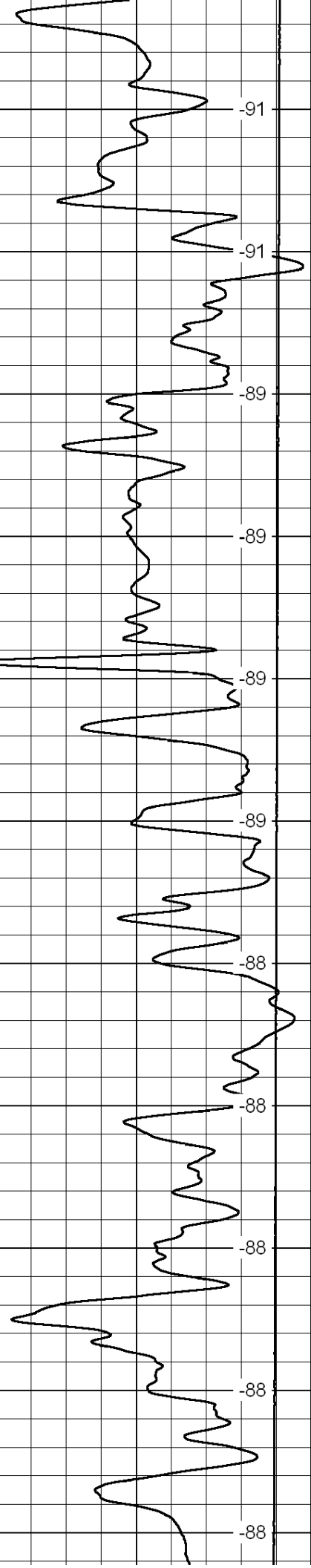
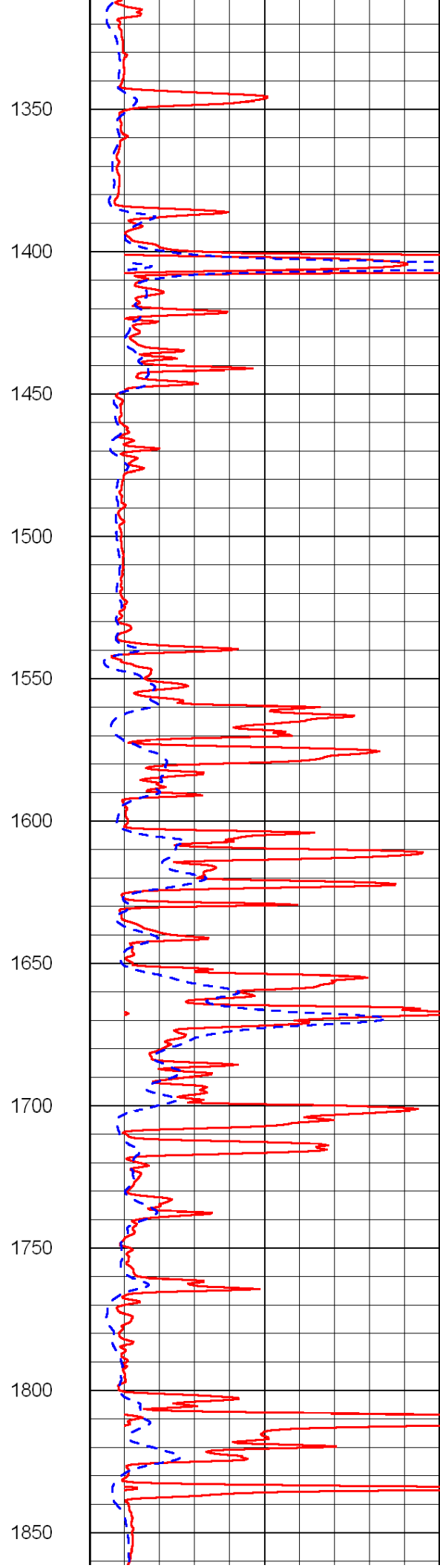
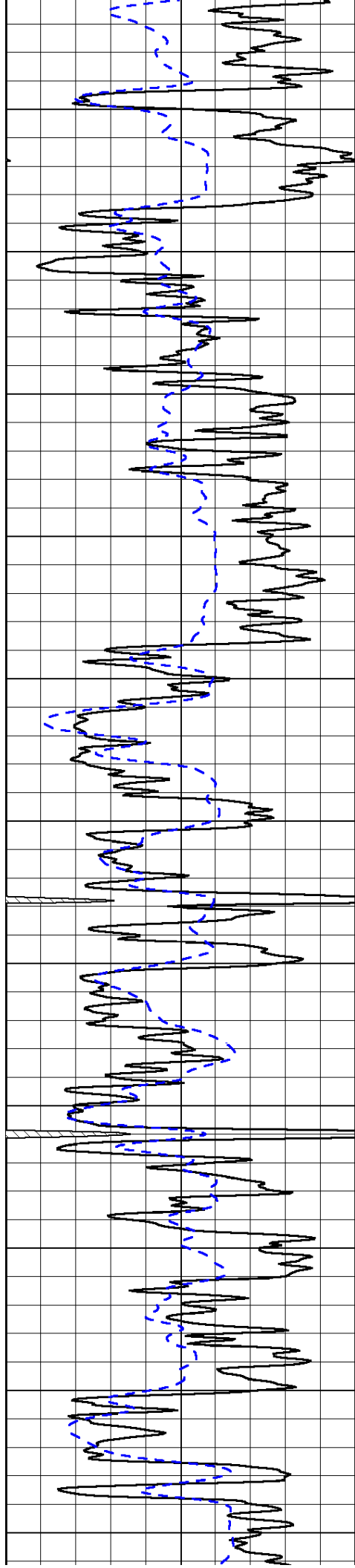
LSPD

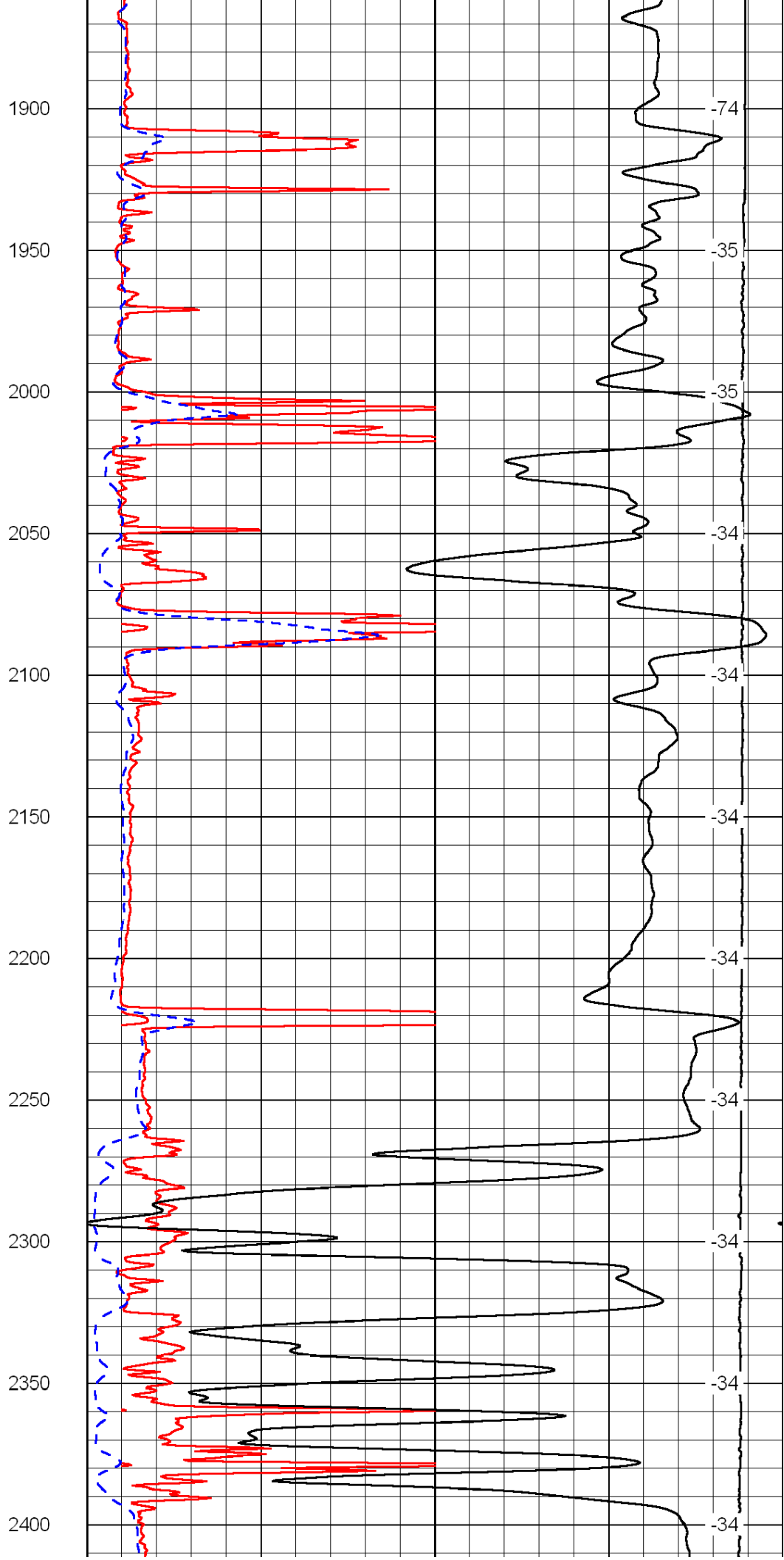
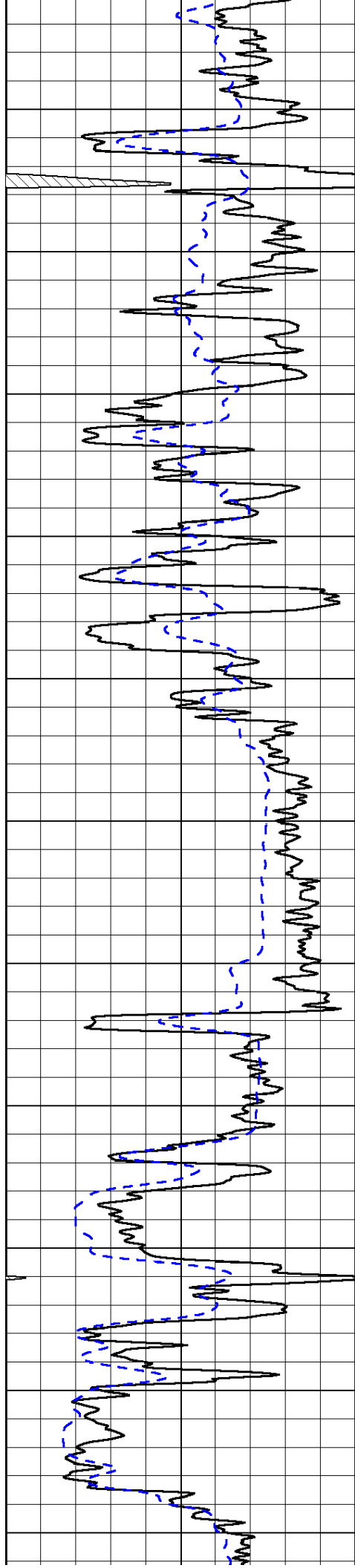
1000	Conductivity	0
15000	Line Tension	0

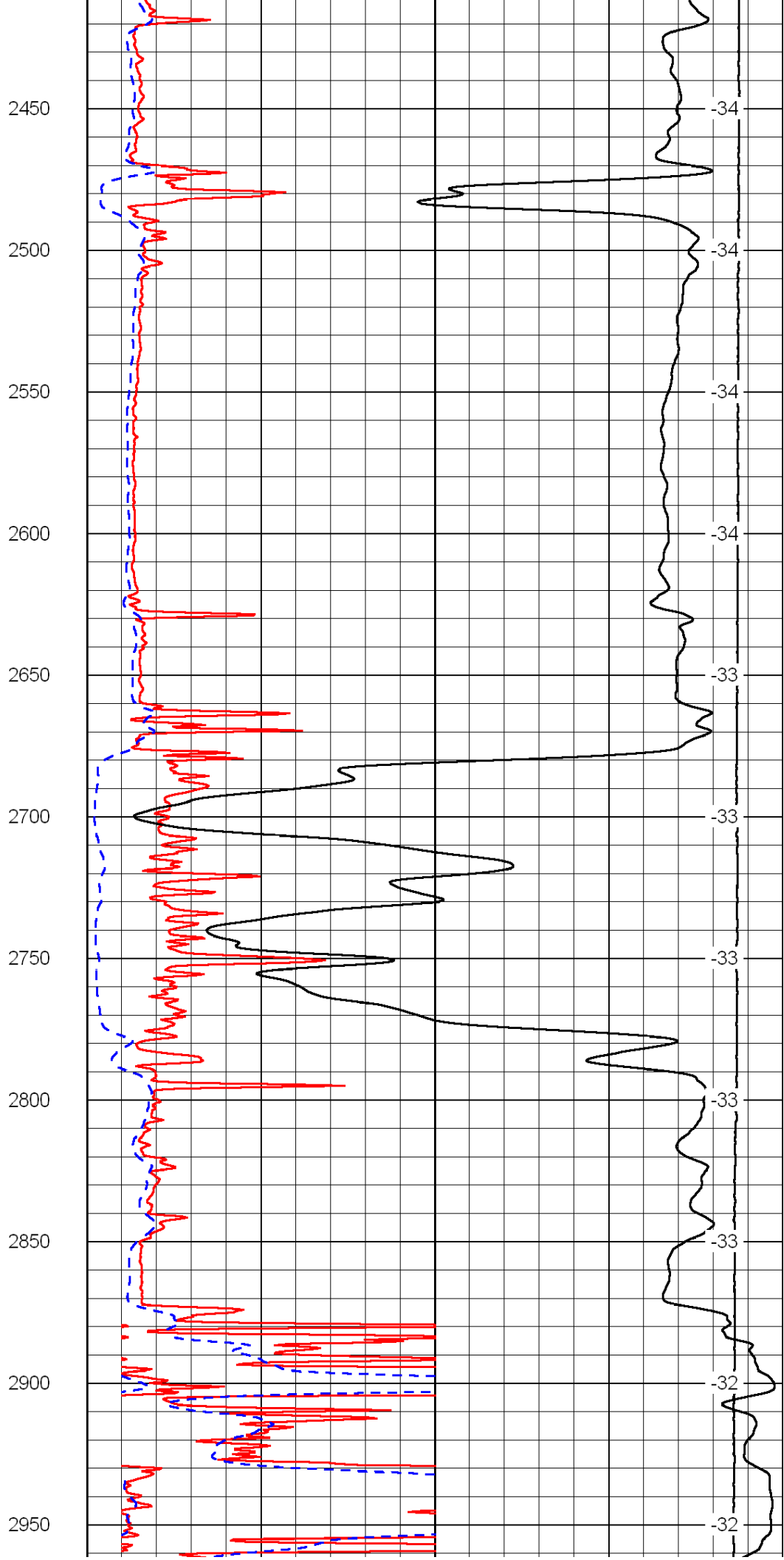
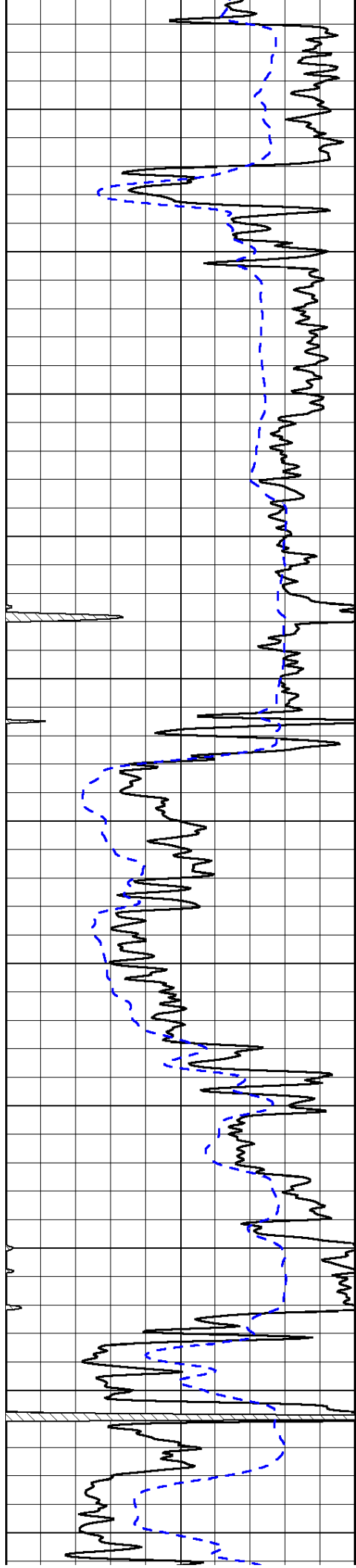
50	Shallow Resistivity	500
50	Deep Resistivity	500

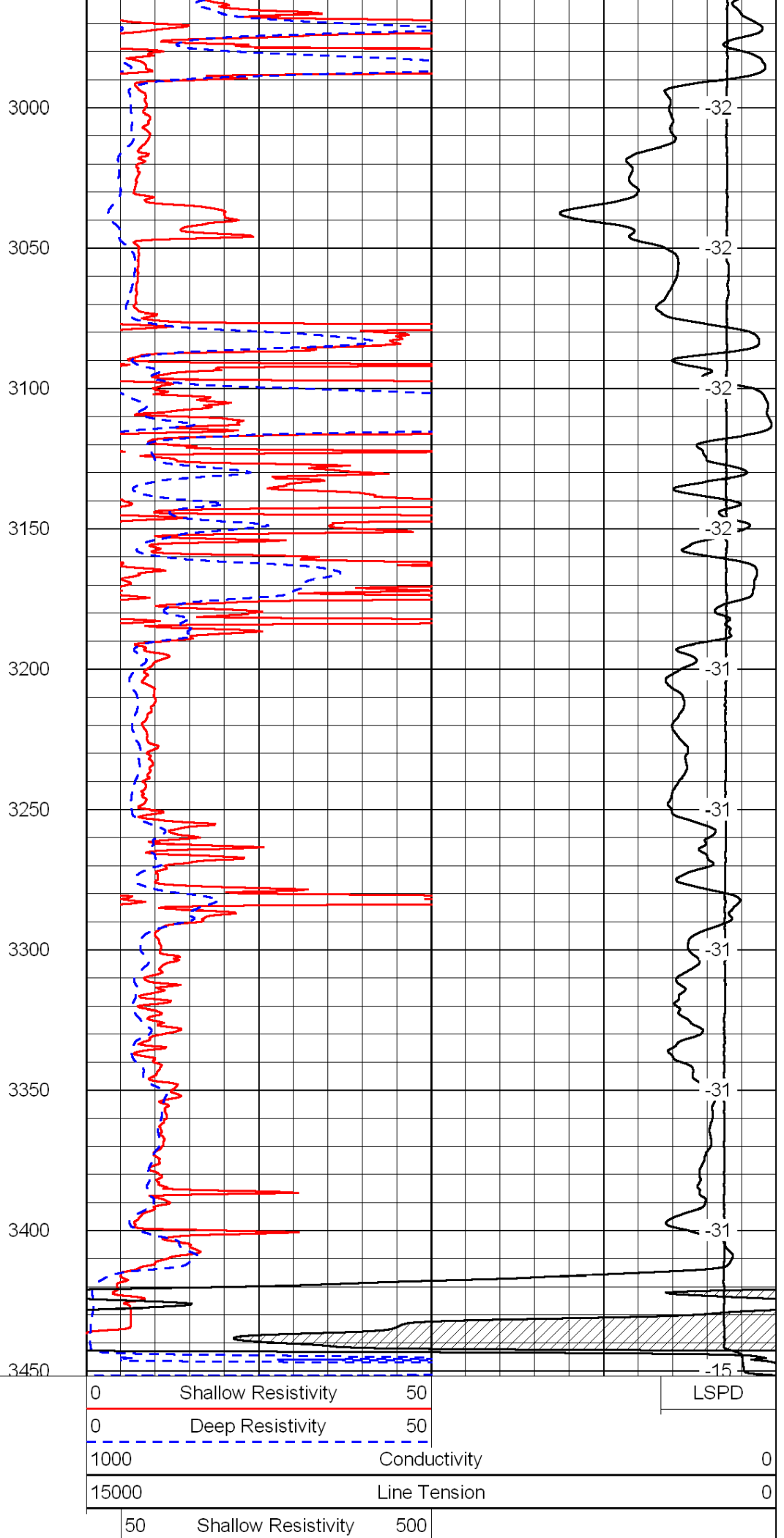
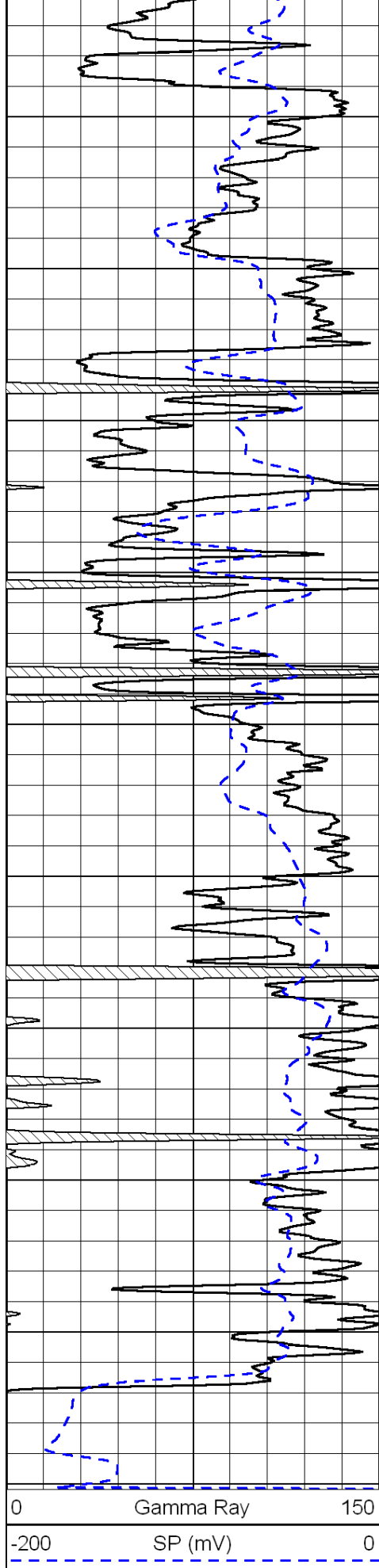










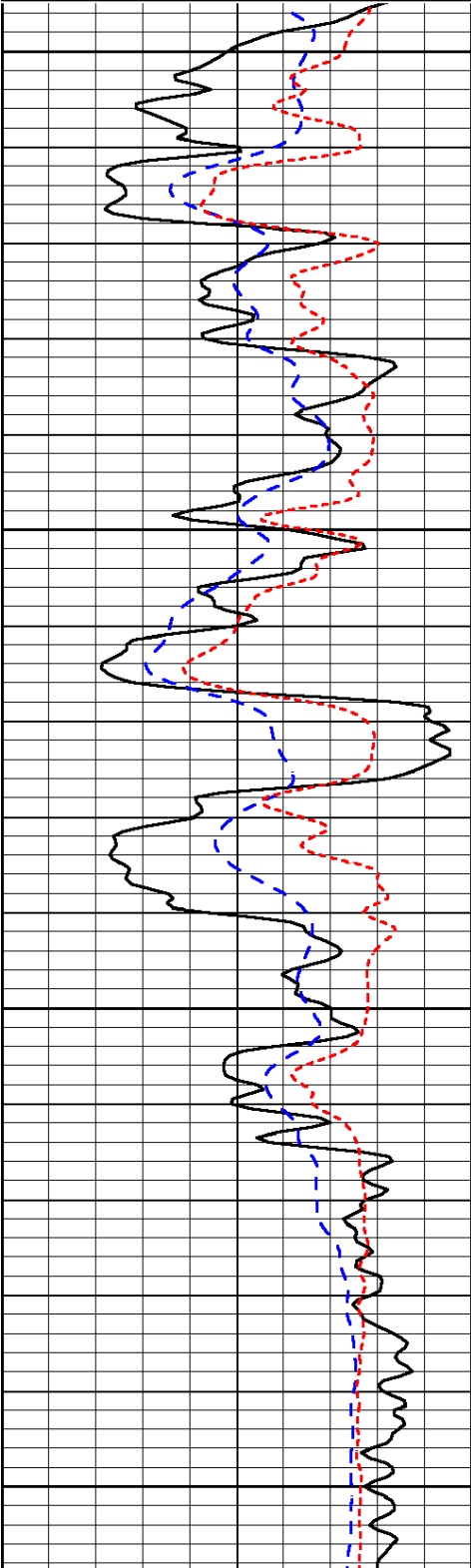


Database File: c:\warrior\data\aes_marrs no. 4\aes4hd.db
Dataset Pathname: dil/aasstck
Presentation Format: dil
Dataset Creation: Sun Jul 18 11:07:30 2010
Charted by: Depth in Feet scaled 1:240

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

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

LSPD

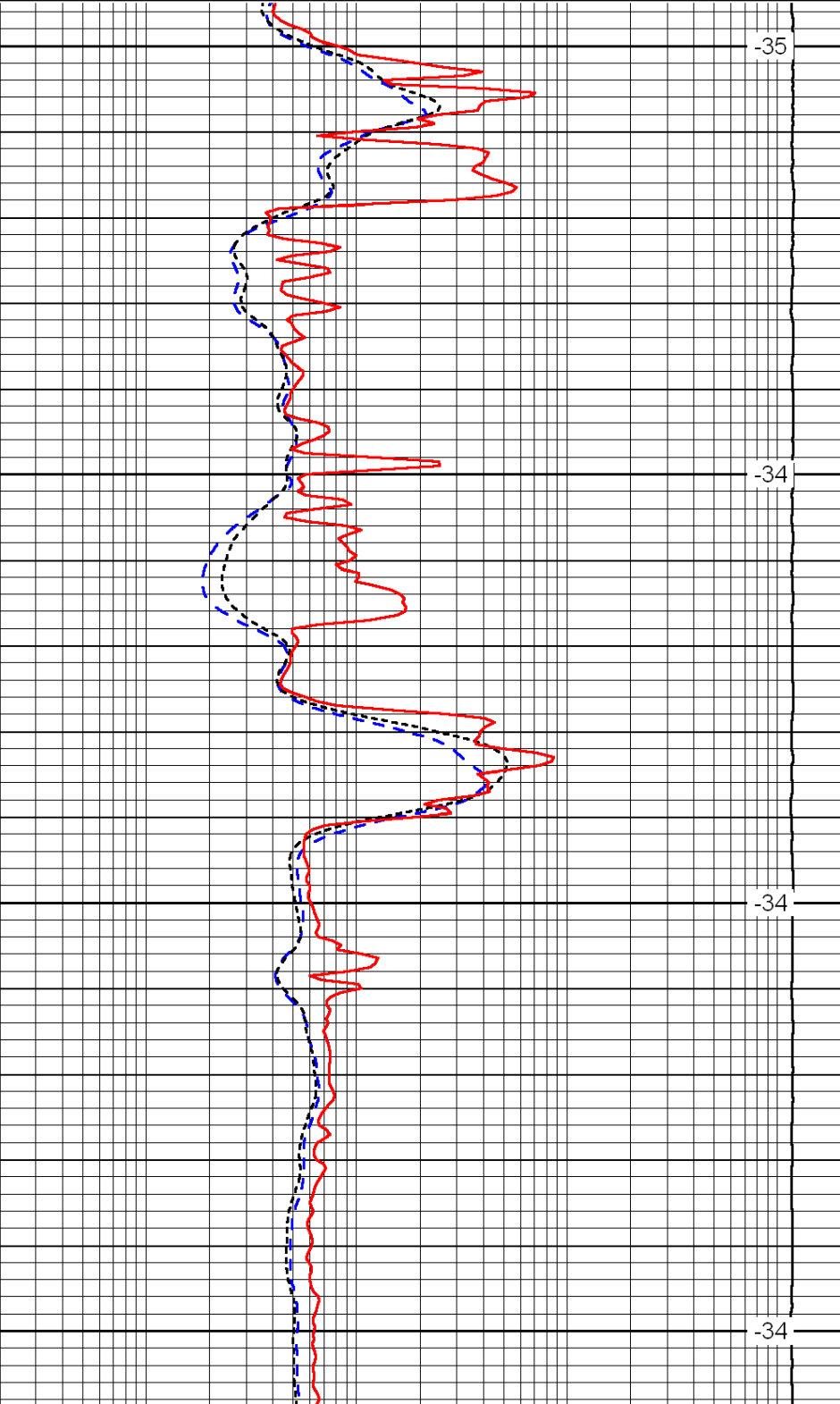


2000

2050

2100

2150

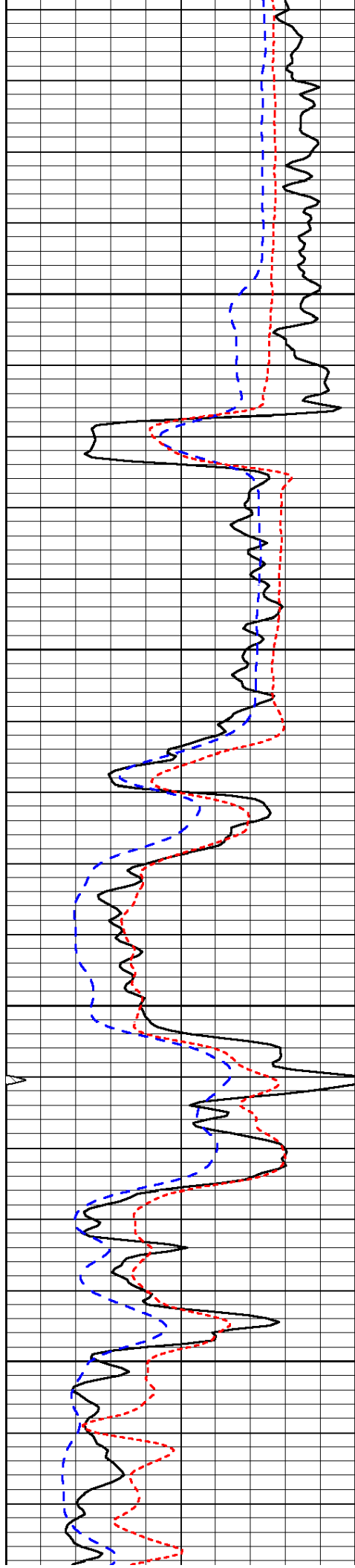


-35

-34

-34

-34

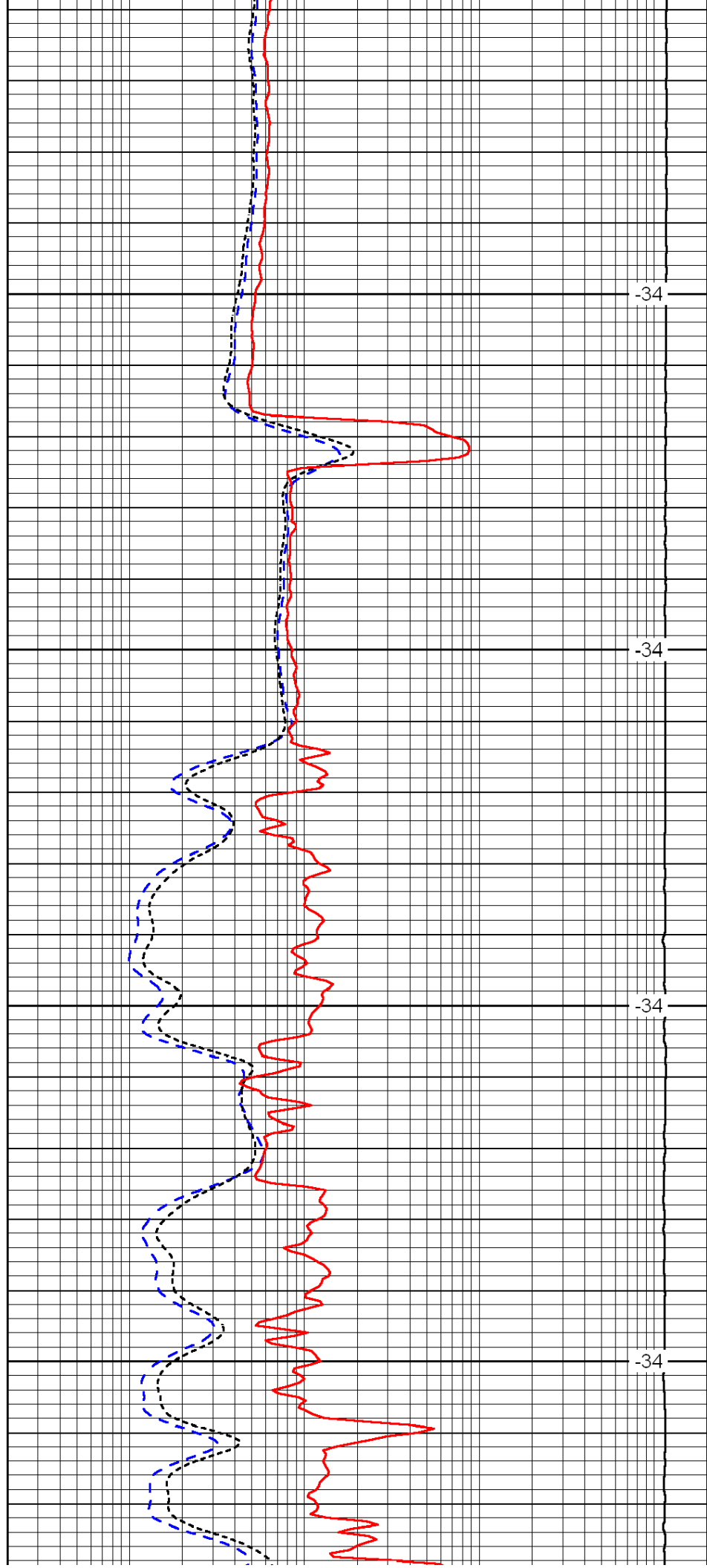


2200

2250

300

2350

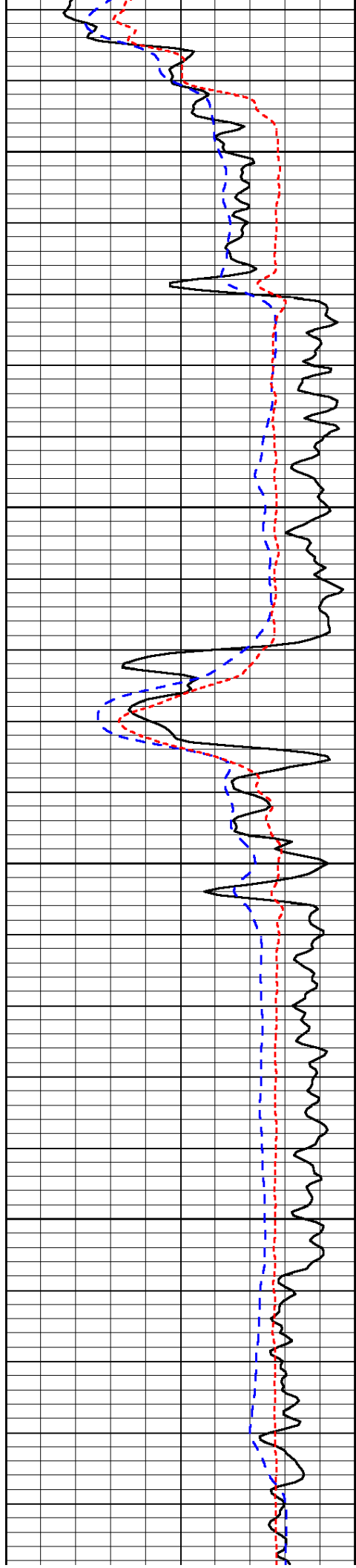


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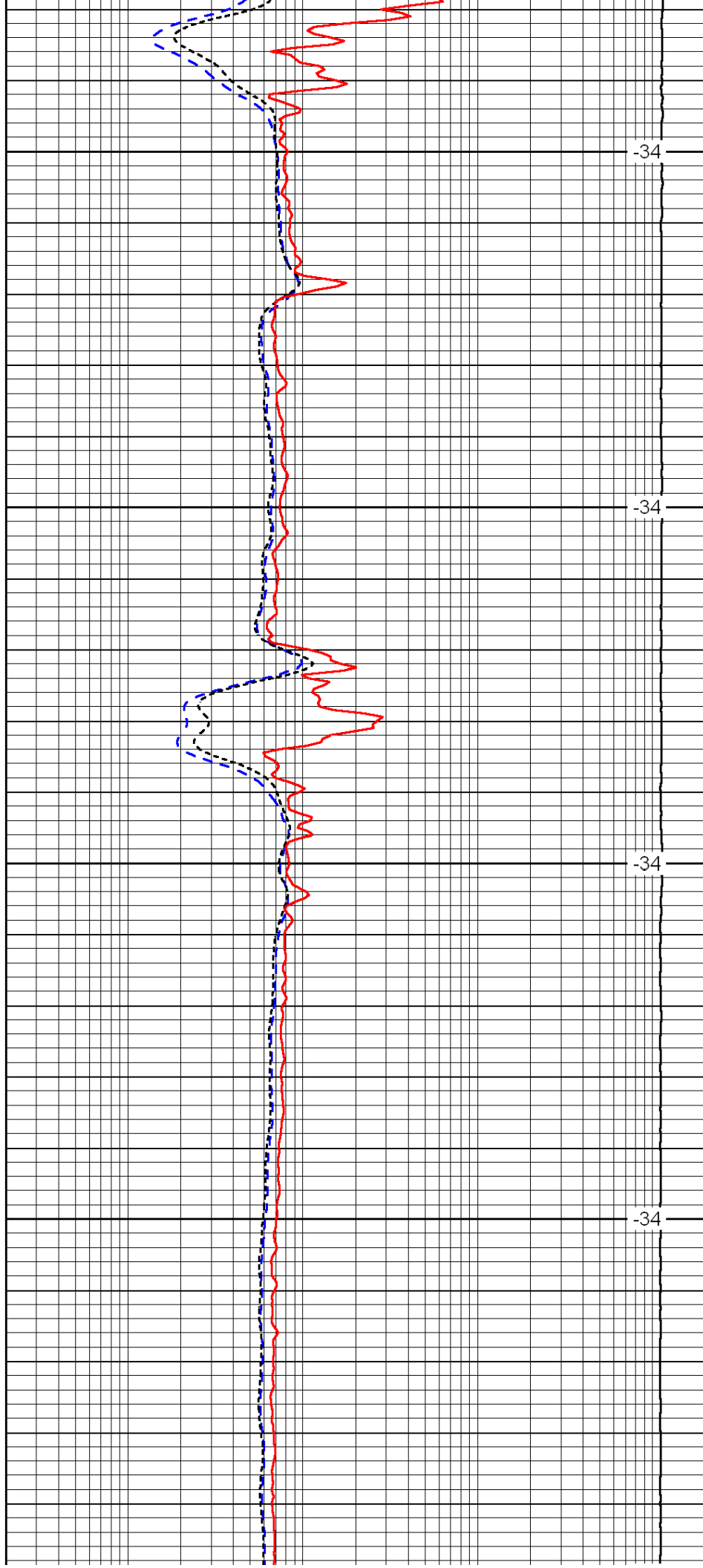


2400

2450

2500

2550

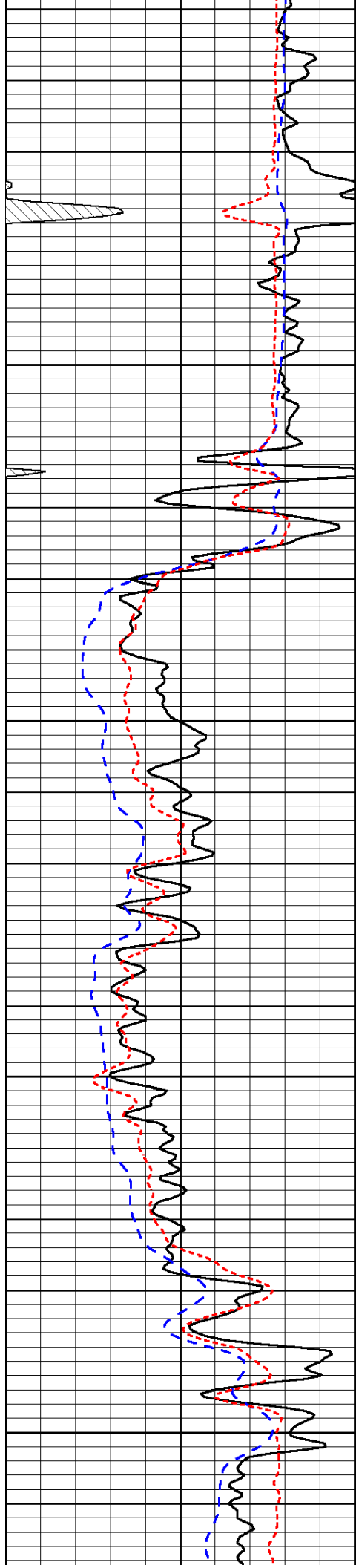


-34

-34

-34

-34



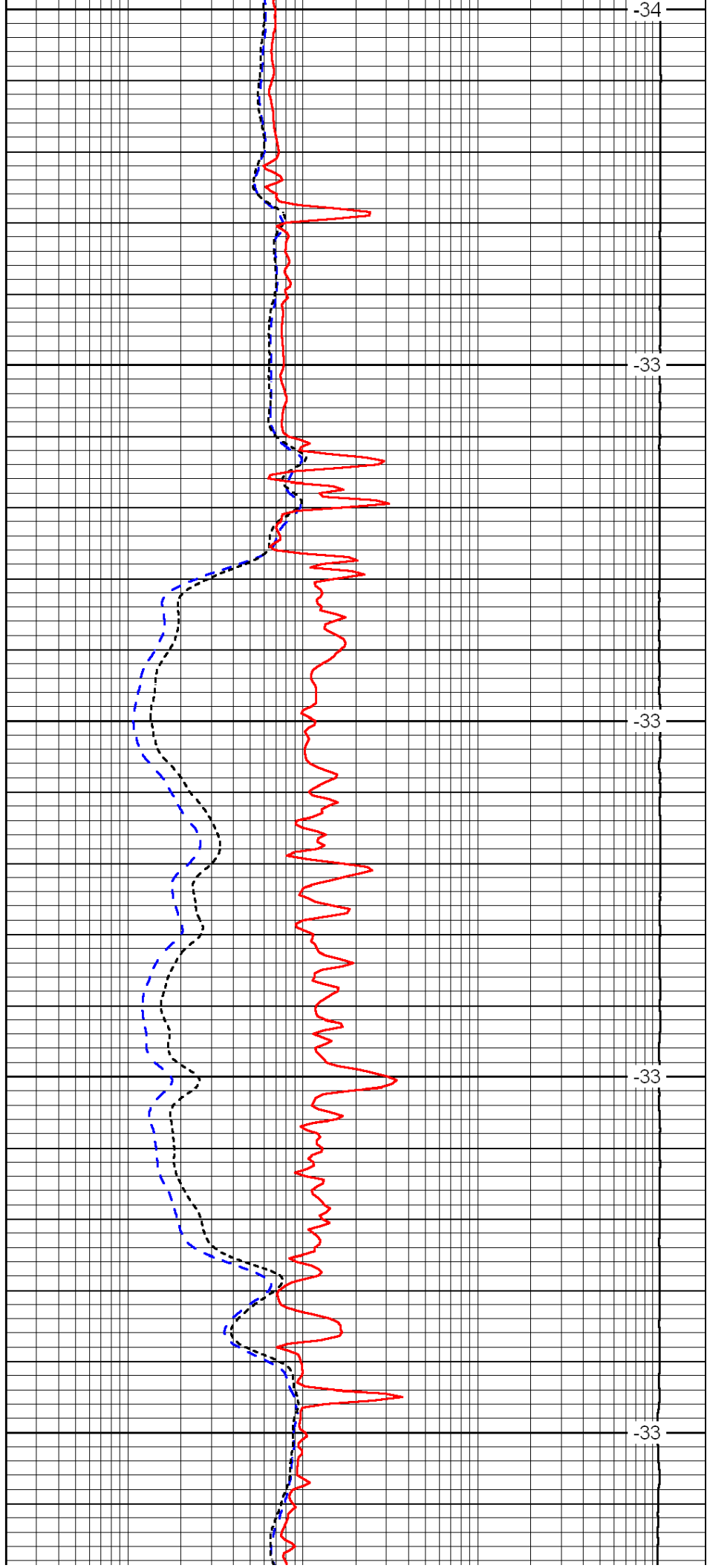
2600

2650

2700

2750

2800



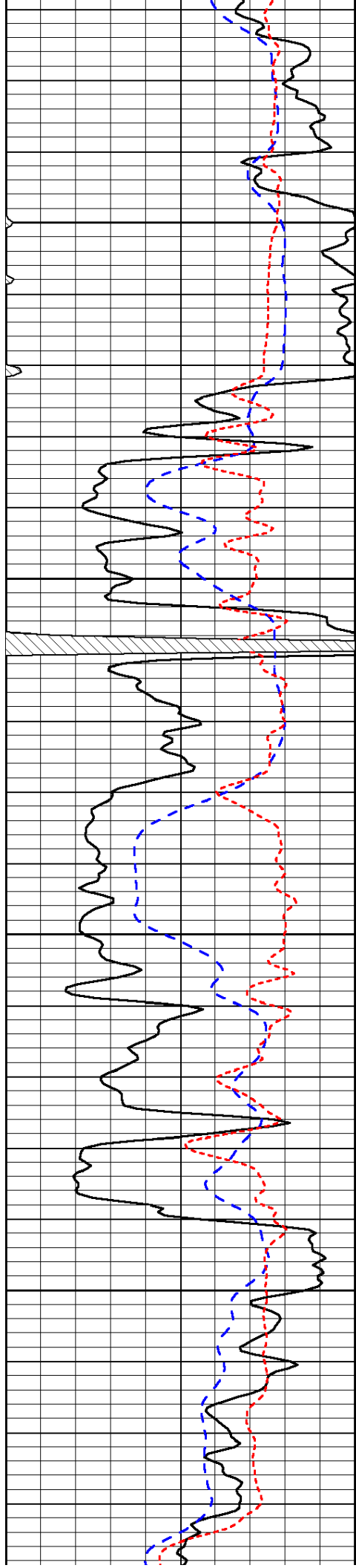
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-33

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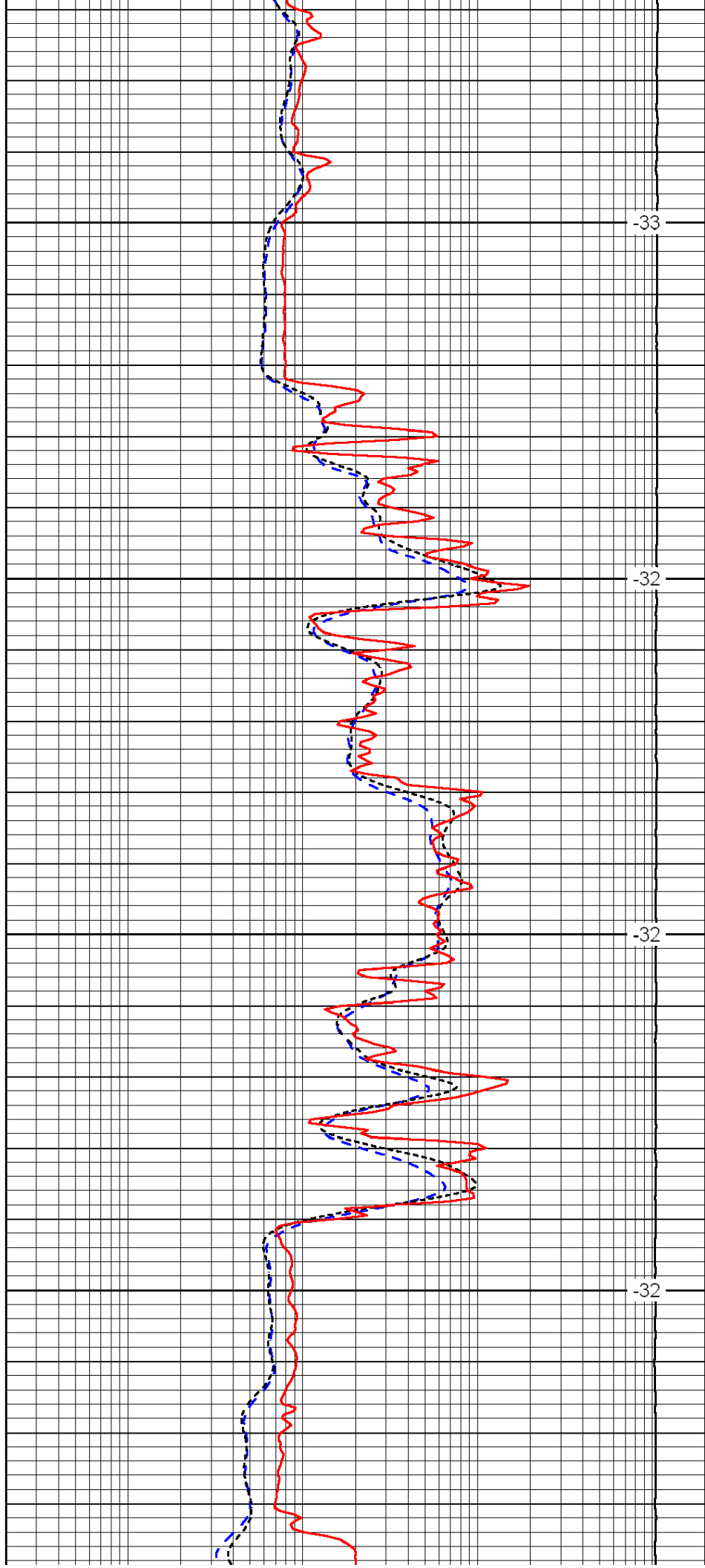


2850

2900

2950

3000

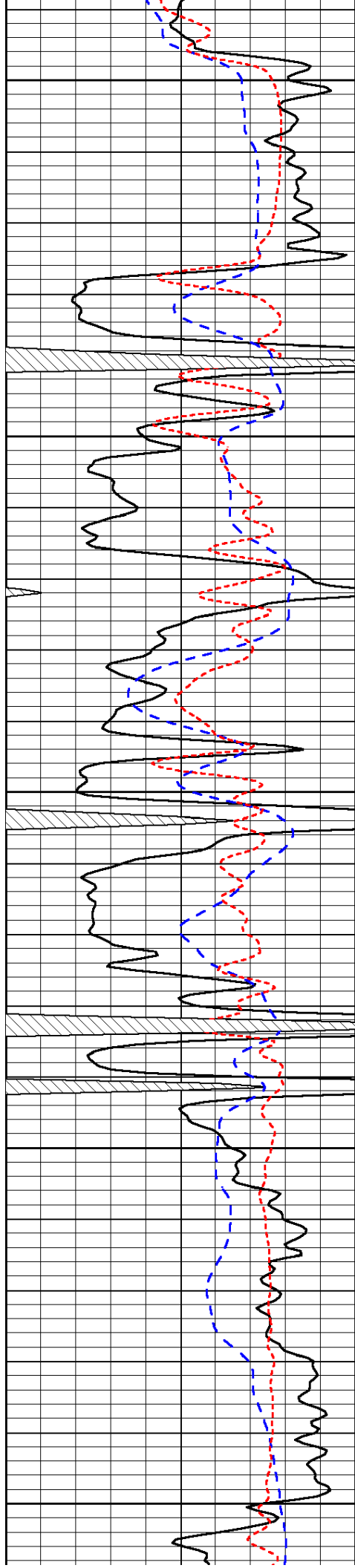


-33

-32

-32

-32



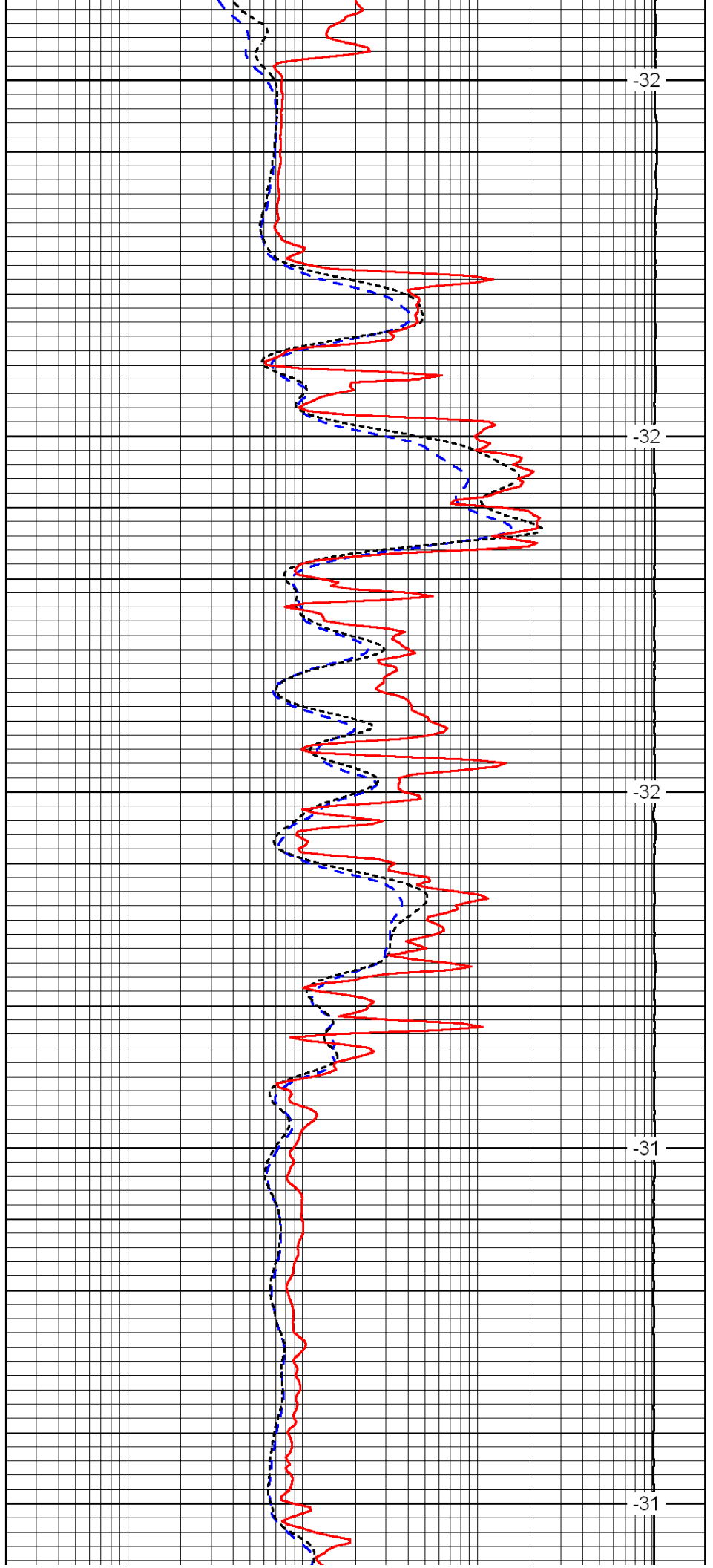
3050

3100

3150

3200

3250



-32

-32

-32

-31

-31

