



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.		Company		Cla-Mar Oil Company	
15-051-26264-00-00		Well		Amrein-Staab #1	
		Field		Wildcat	
		County		Elilis State Kansas	
Location		NE NE SE NW 1500' FNL / 2500' FWL		Other Services CNL / CDL	
Sec: 28		Twp: 12S		Rge: 19W	
Permanent Datum		Ground Level		Elevation 2146	
Log Measured From		Kelly Bushing		7 Ft. Above Perm. Datum	
Drilling Measured From		Kelly Bushing		K.B. 2153 D.F. 2146 G.L. 2146	
Date	2/13/2012				
Run Number	One				
Depth Driller	3825				
Depth Logger	3828				
Bottom Logged Interval	3827				
Top Log Interval	200				
Casing Driller	8.625 @ 220				
Casing Logger	216				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity, ppm CL	4000				
Density / Viscosity	9.1 54				
pH / Fluid Loss	9.0 8.8				
Source of Sample	Flowline				
Rm @ Meas. Temp	1.20 @ 50				
Rmf @ Meas. Temp	0.90 @ 50				
Rmc @ Meas. Temp	1.62 @ 50				
Source of Rmf / Rmc	Charts				
Rm @ BHT	0.53 @ 114				
Operating Rig Time	3 Hours				
Max Rec. Temp. F	114				
Equipment Number	15				
Location	Hays				
Recorded By	R. Barnhart				
Witnessed By	Neal A. LaFon				

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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

Yocemento, KS:
N to Locust Grove Rd, 1/2W, S into

0	Gamma Ray	150
-200	SP (mV)	0

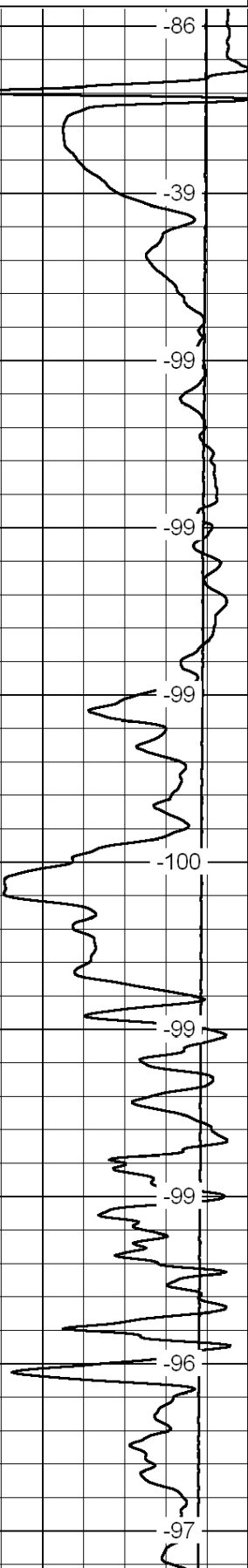
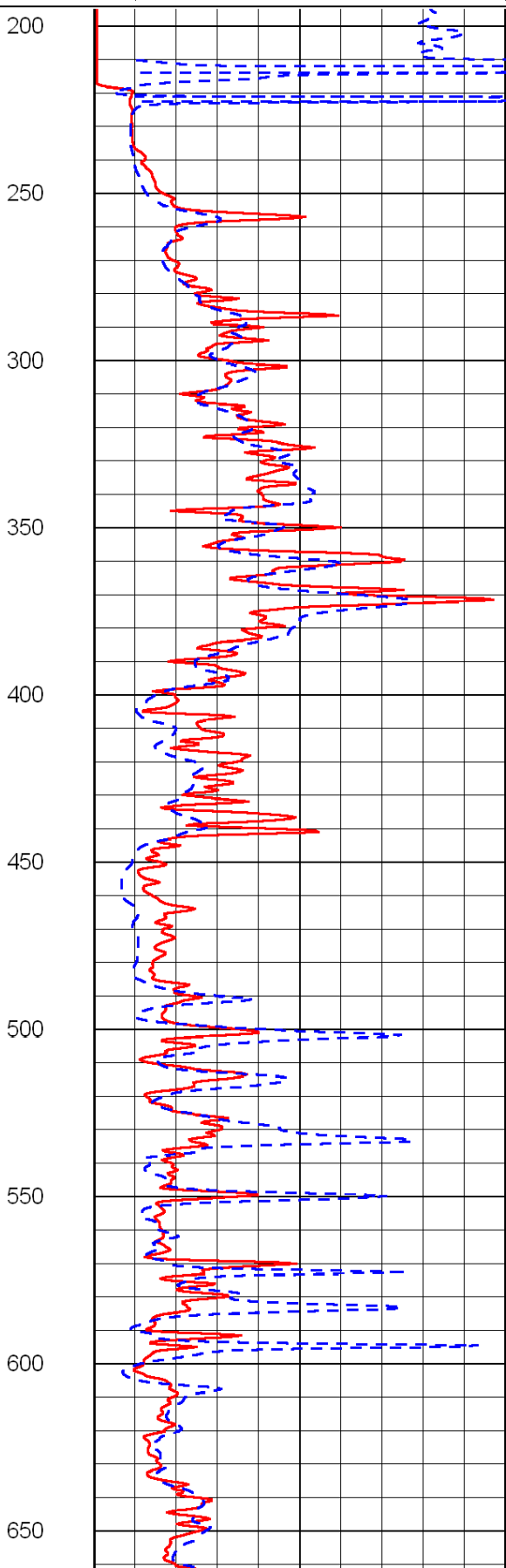
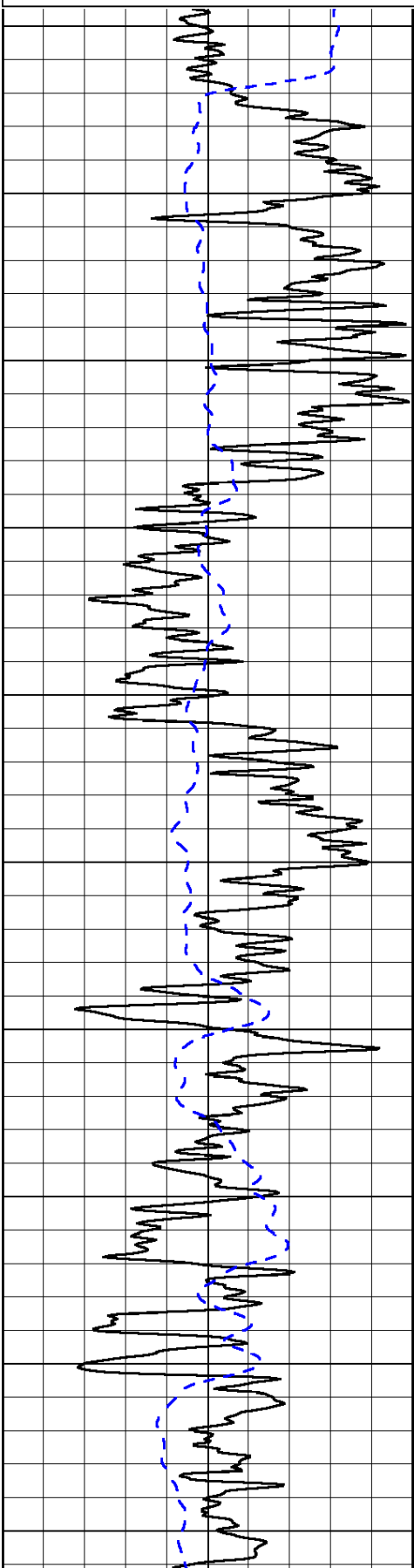
0	Shallow Resistivity	50
0	Deep Resistivity	50

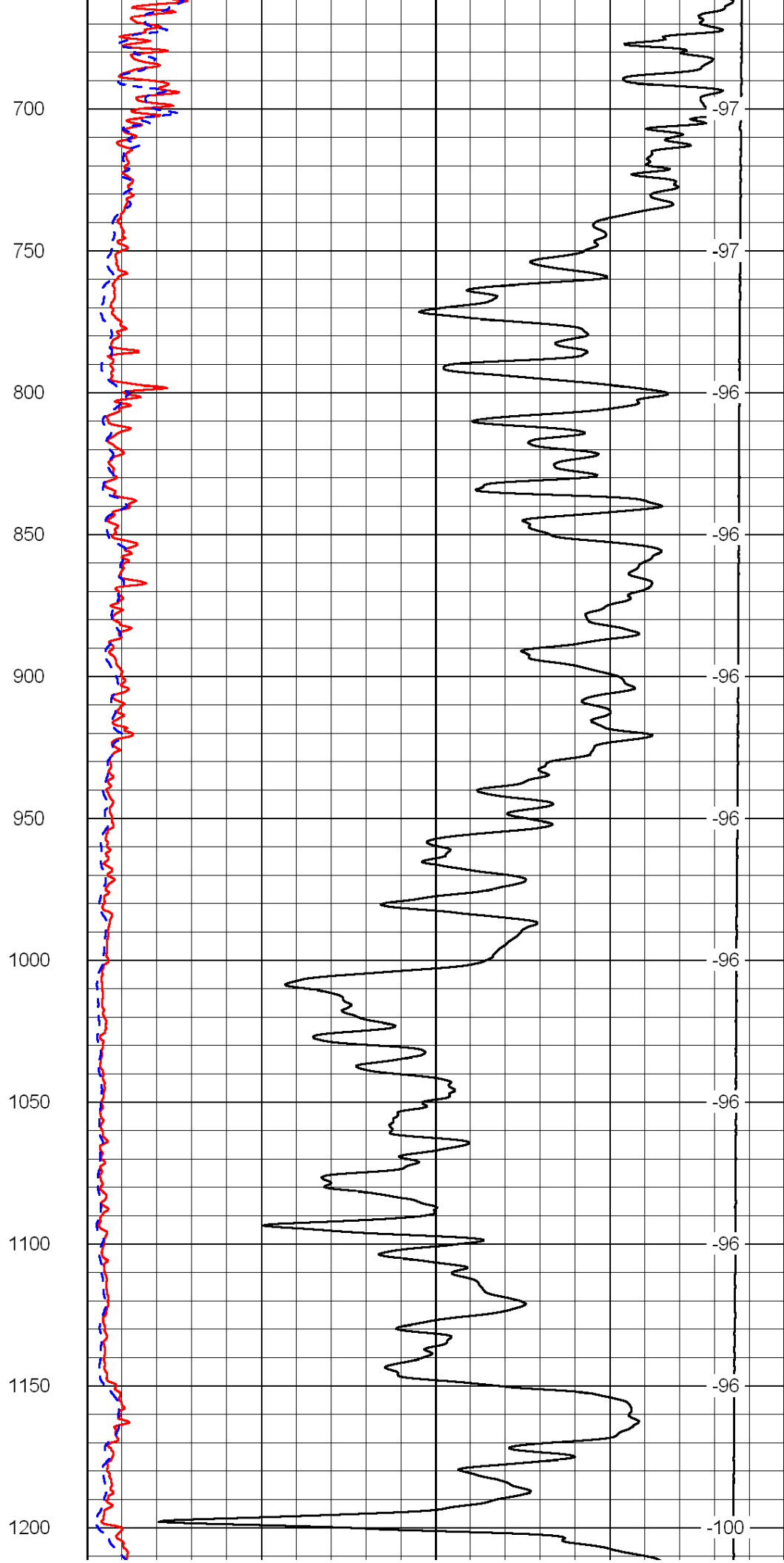
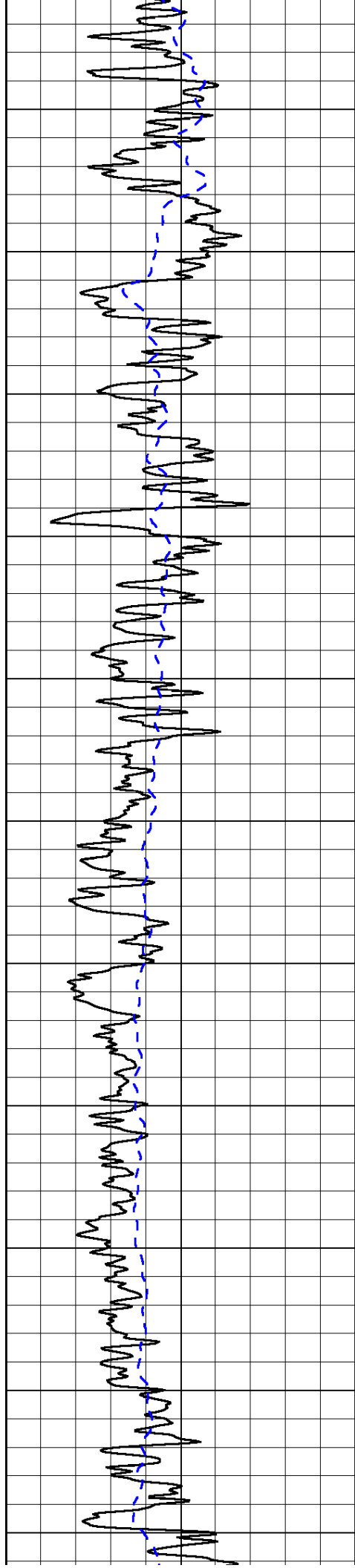
LSPD

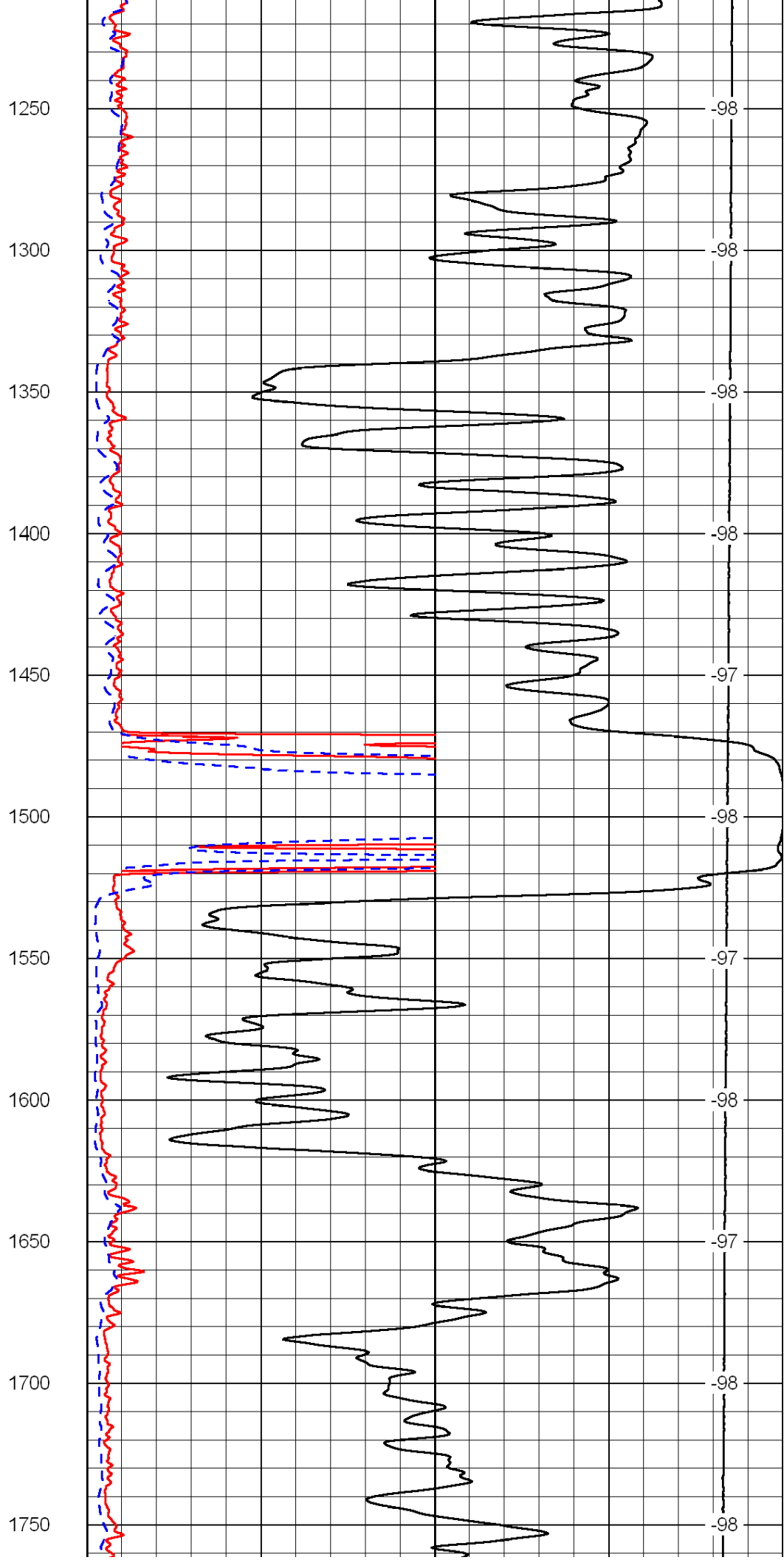
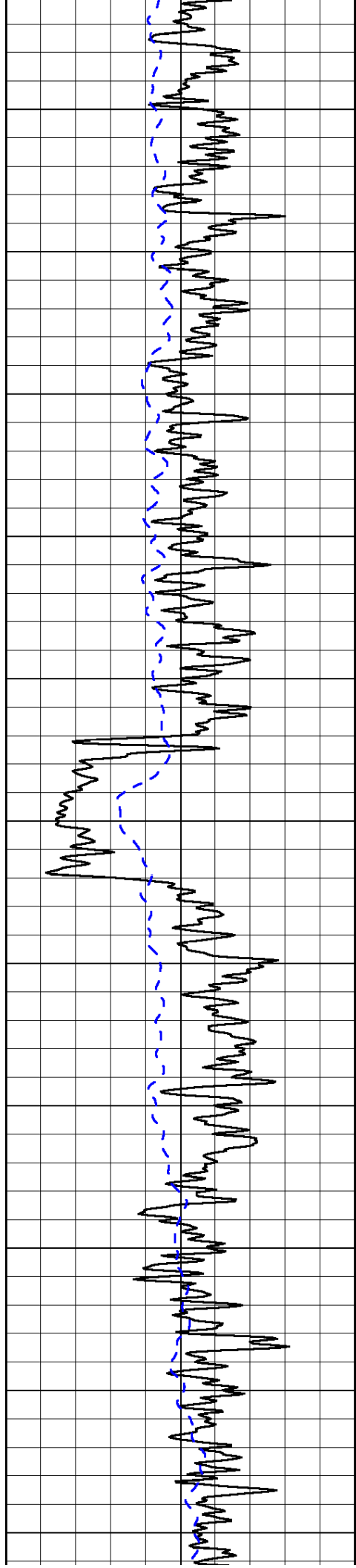
1000	Conductivity	0
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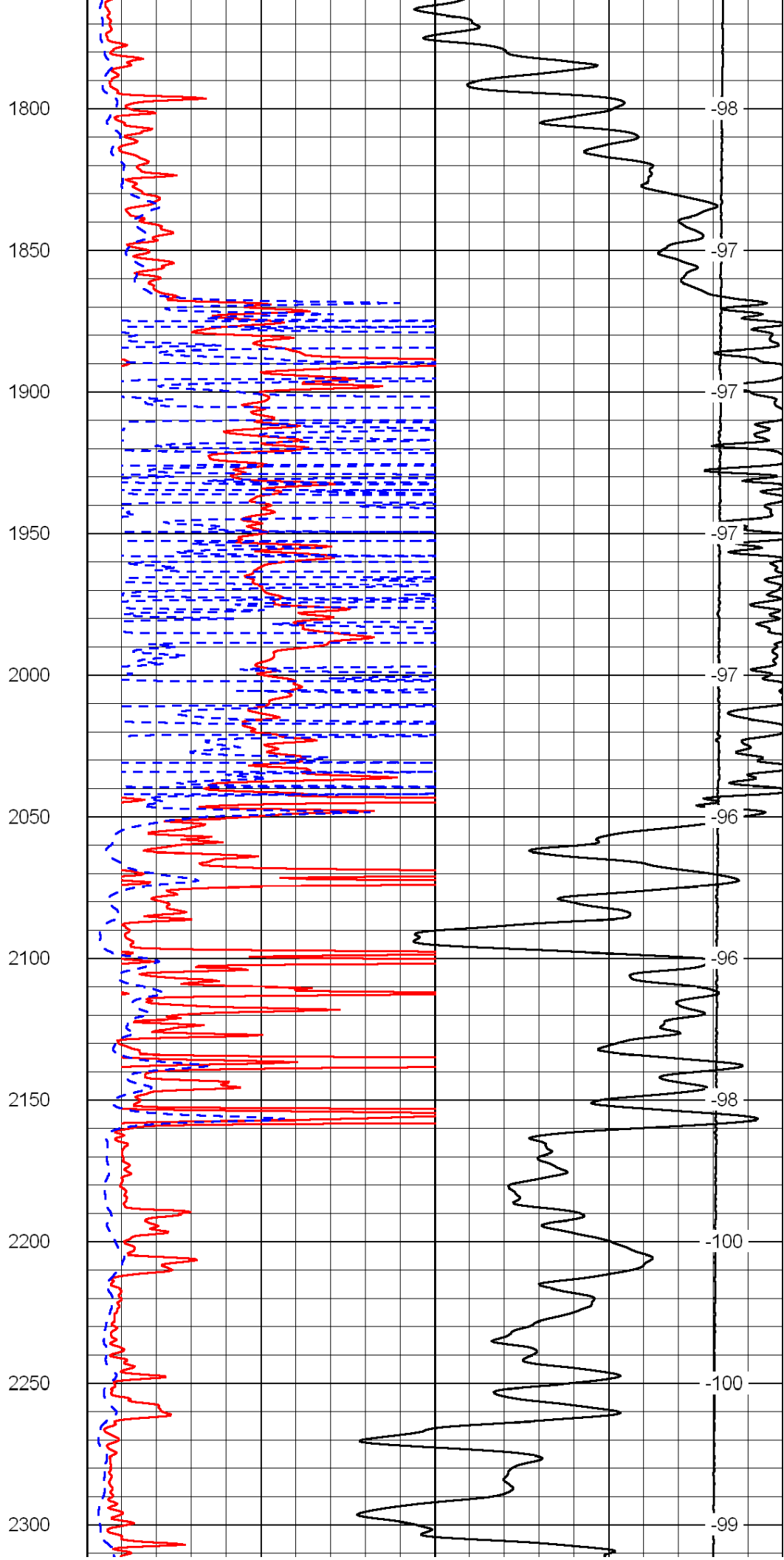
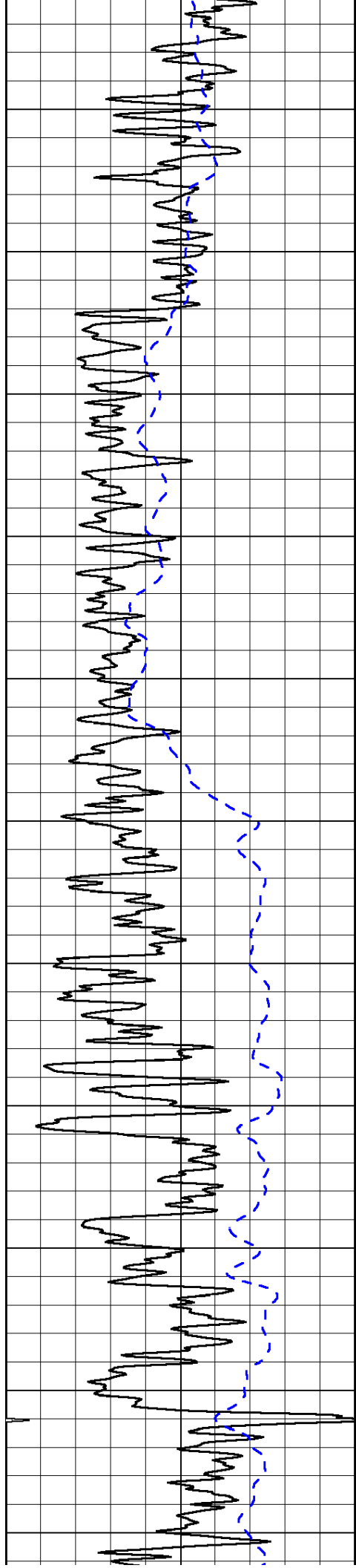
15000	Line Tension	0
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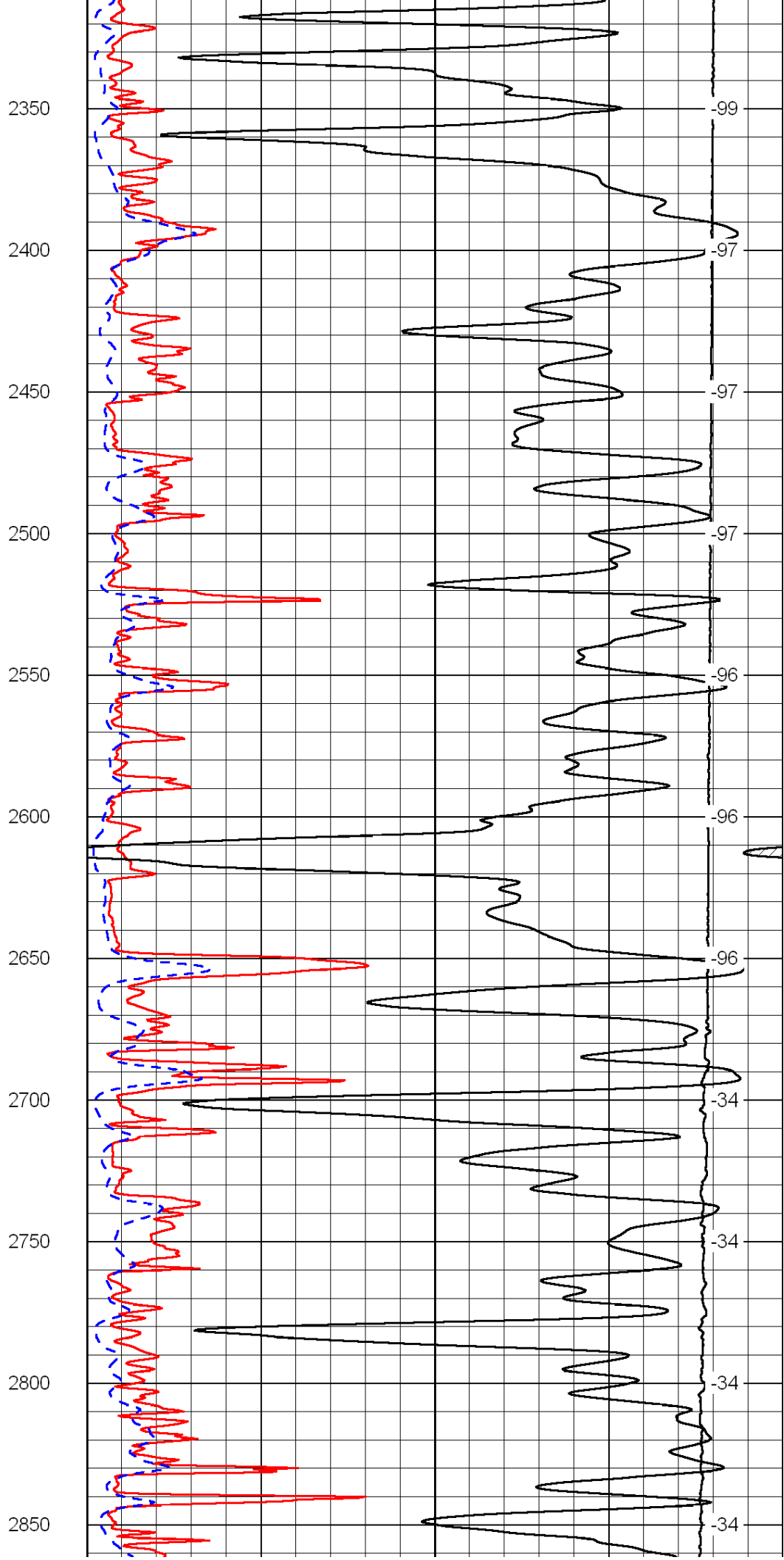
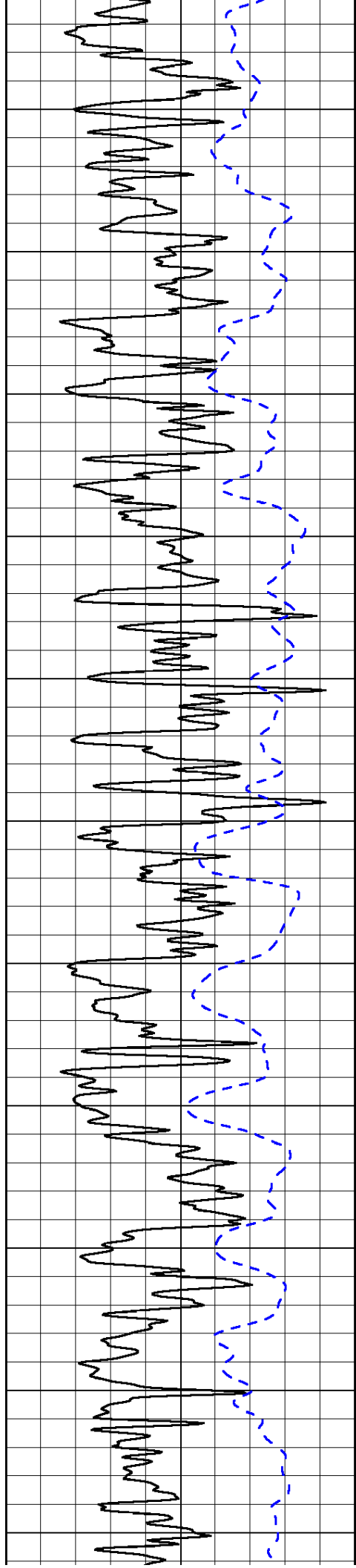
50	Shallow Resistivity	500
50	Deep Resistivity	500

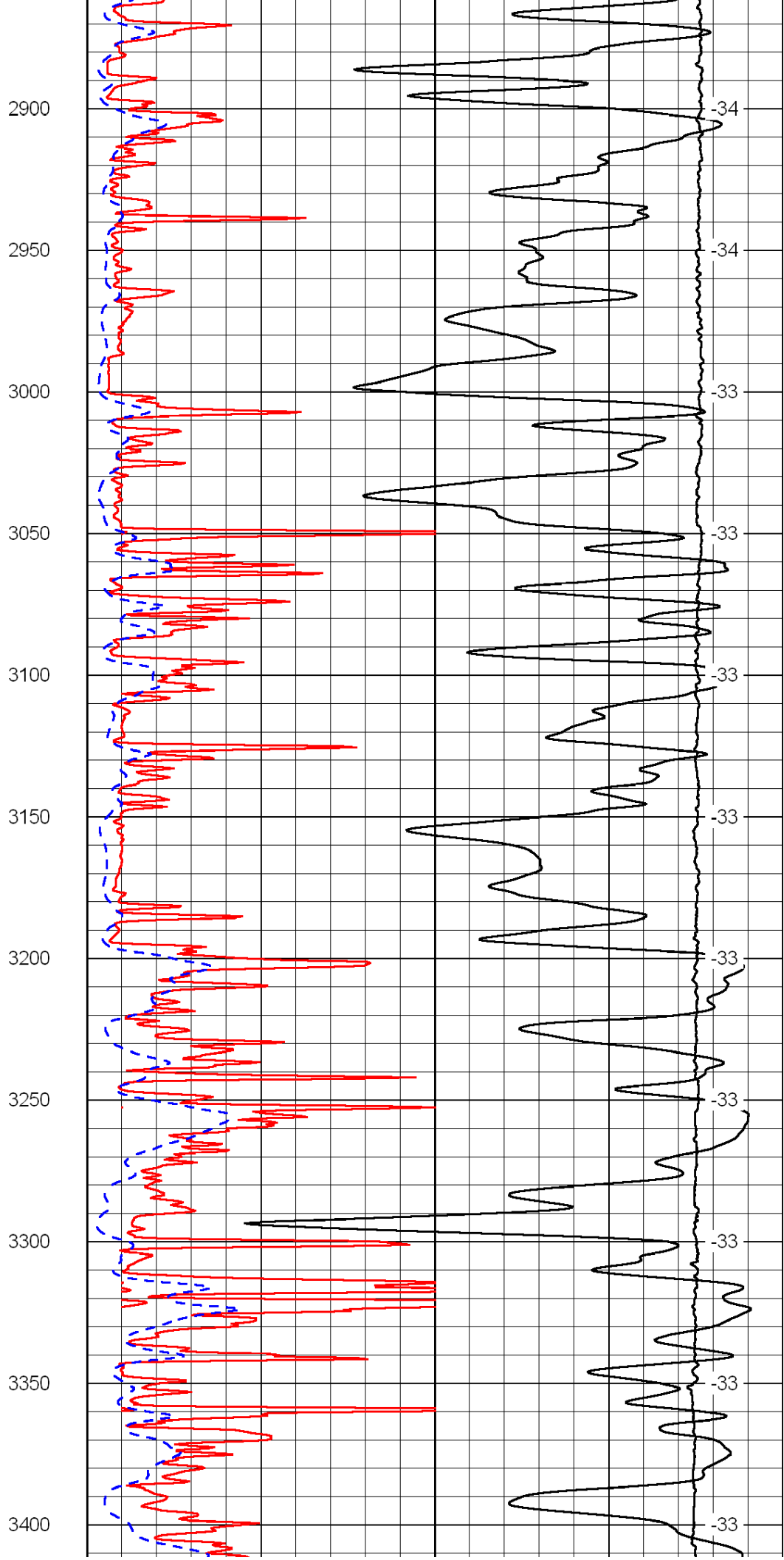
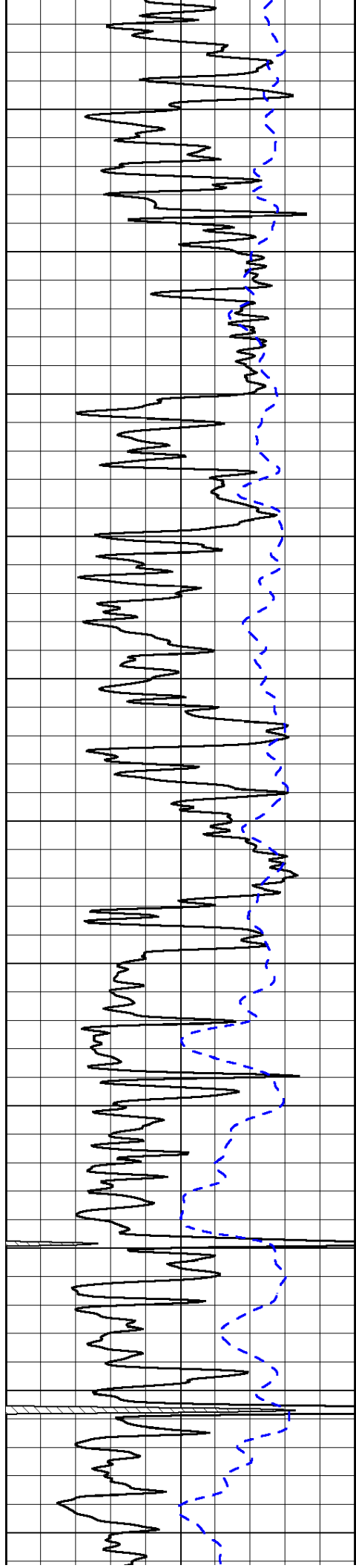


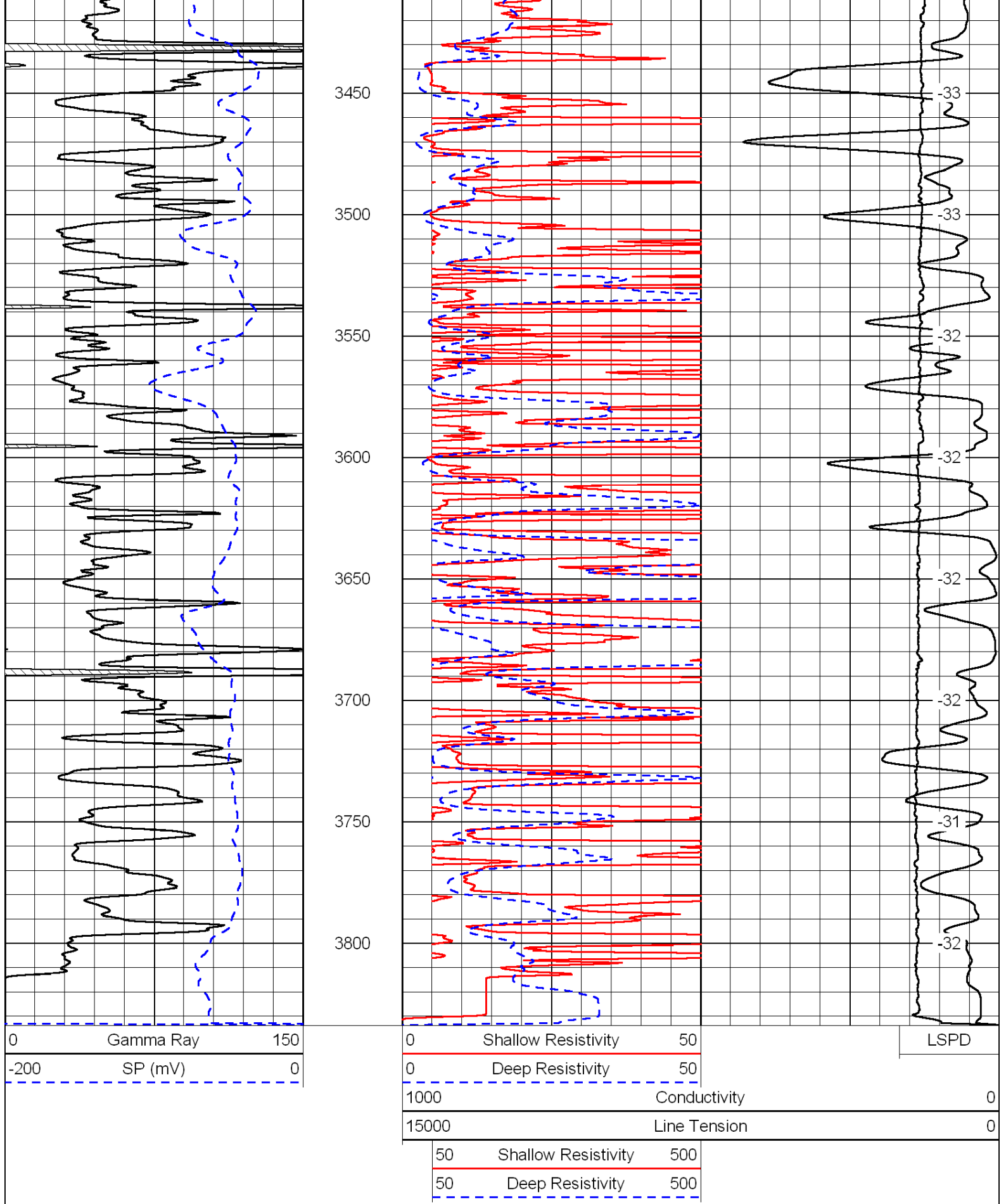






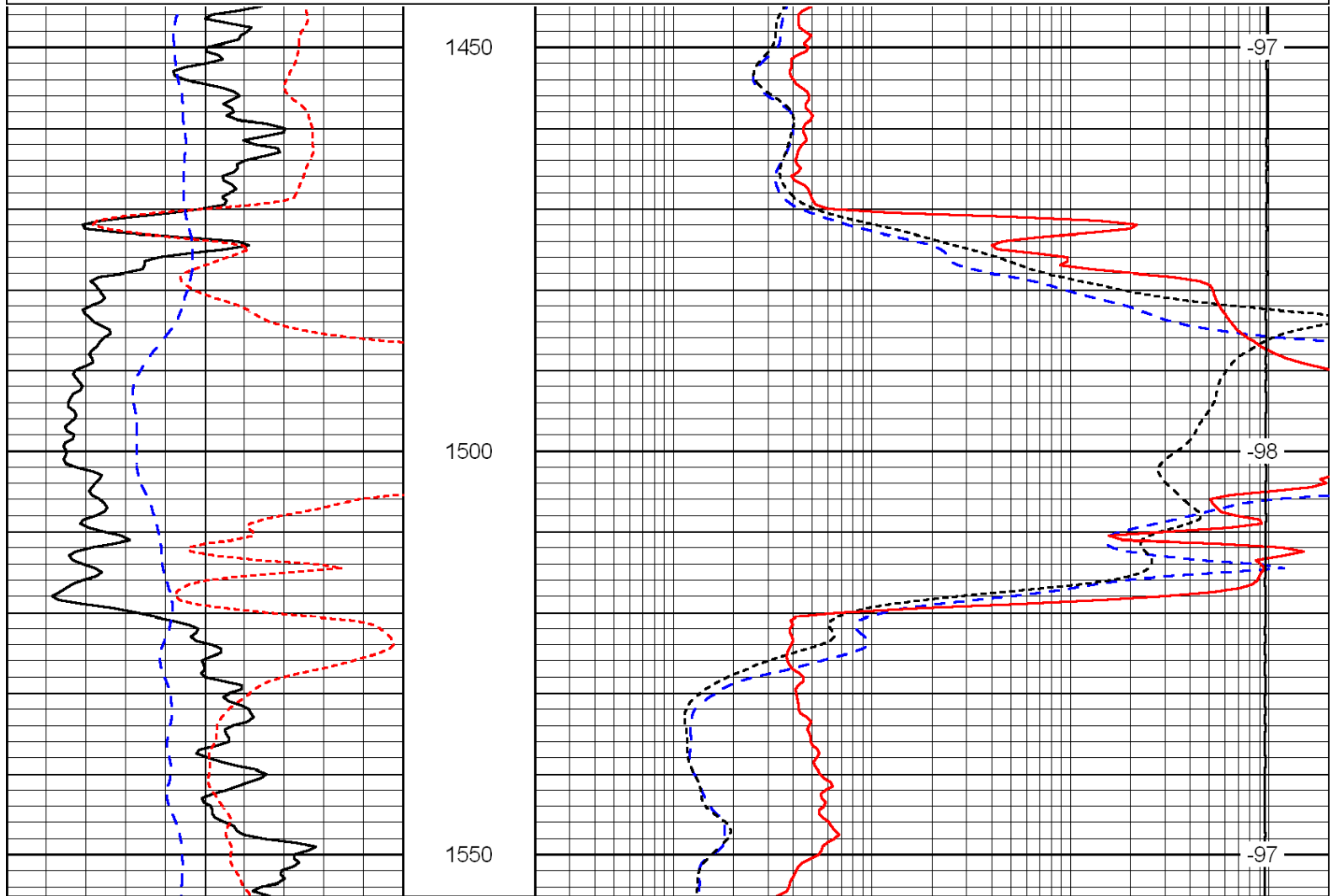






Database File: c:\warrior\data\cla-mar_amrein-staab #1\cla-marhd.db
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Presentation Format: dil
Dataset Creation: Mon Feb 13 06:04:58 2012
Charted by: Depth in Feet scaled 1:240

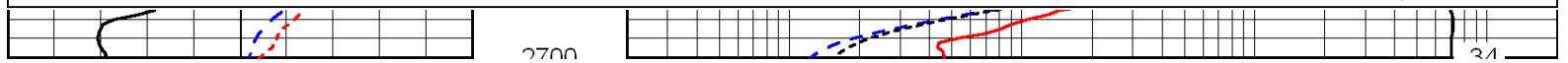
Charted by: Depth in Feet scaled 1:240					
0	Gamma Ray	150	0.2	Deep Resistivity	2000
-200	SP (mV)	0	0.2	Medium Resistivity	2000
-160	Rxo / Rt	40	0.2	Shallow Resistivity	2000
			15000	Line Tension	0
					LSPD

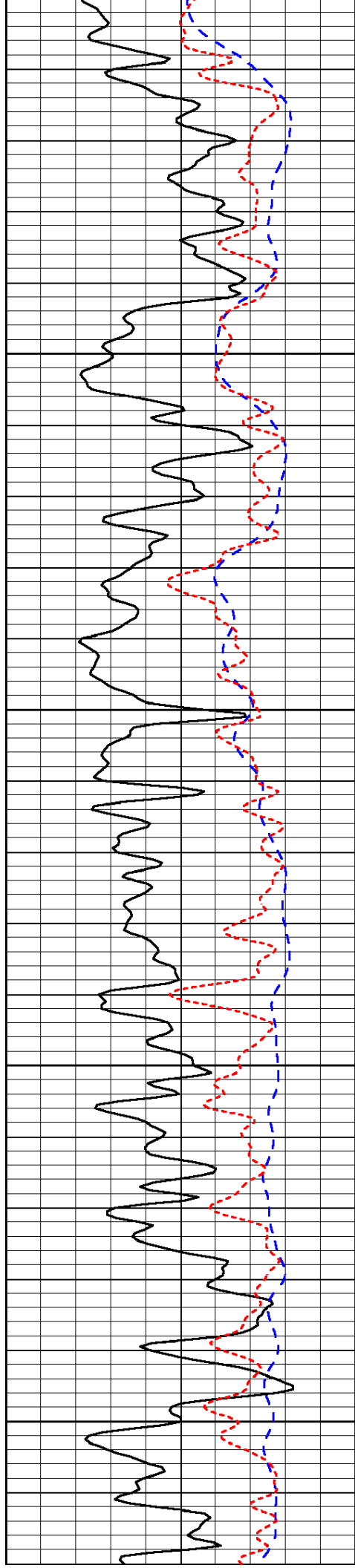


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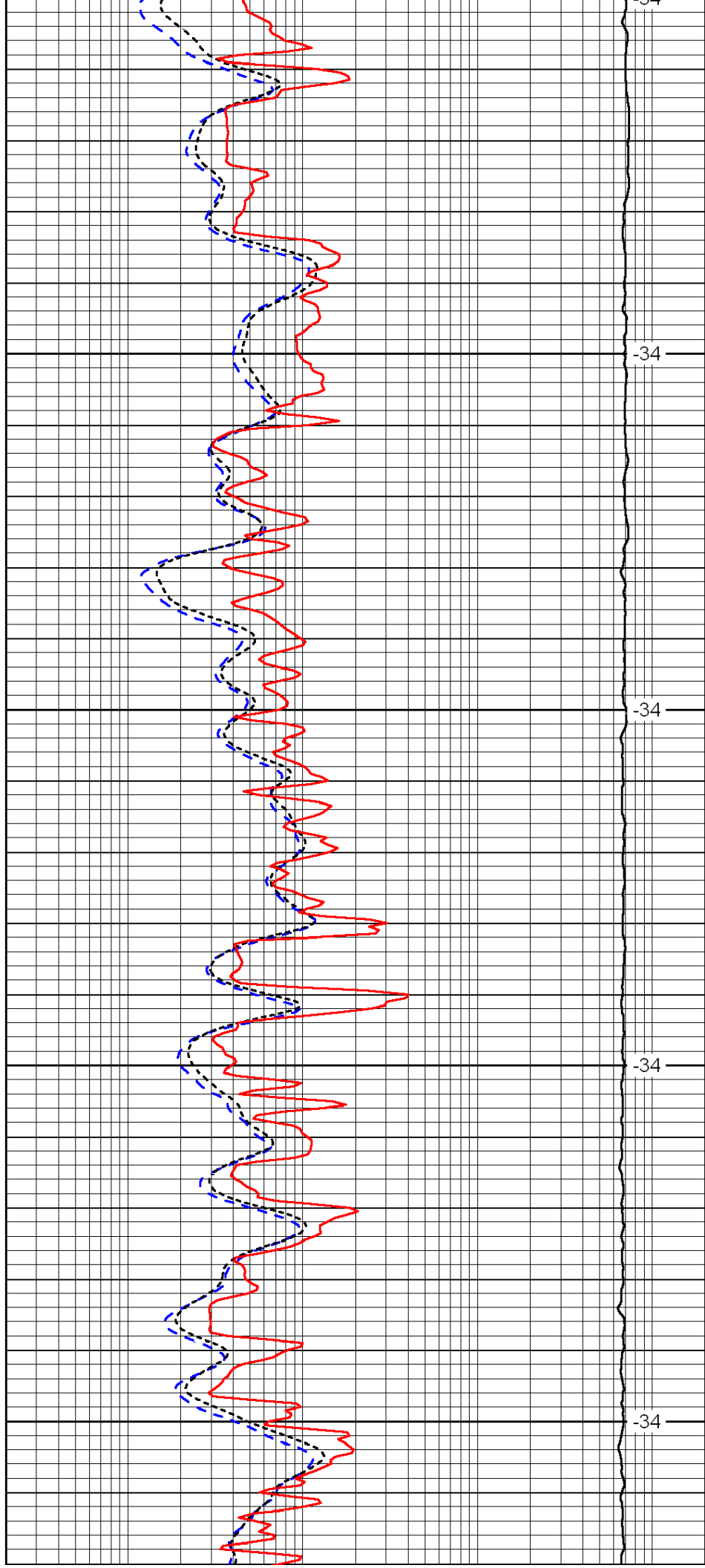
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					LSPD

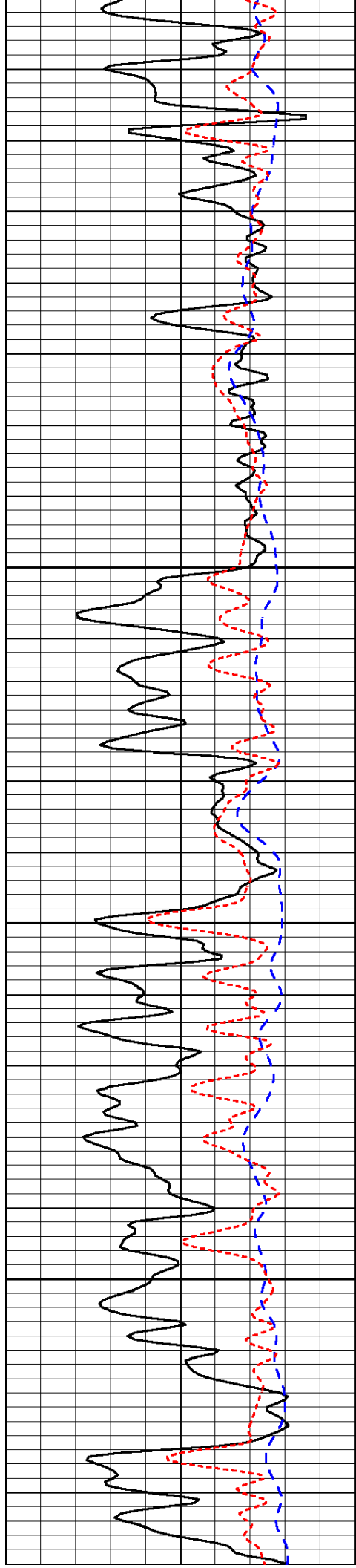




2700
2750
2800
2850
2900



-34
-34
-34
-34

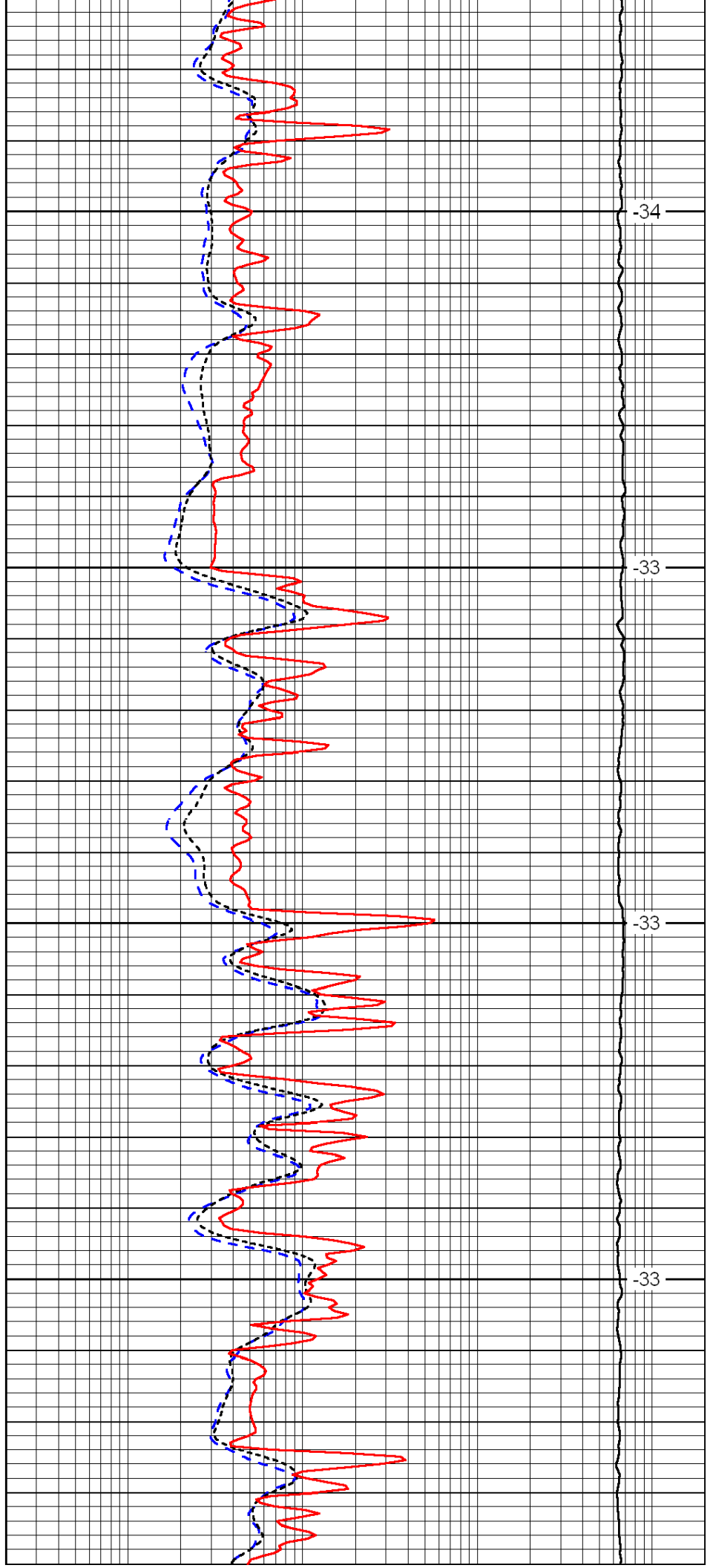


2950

3000

3050

3100

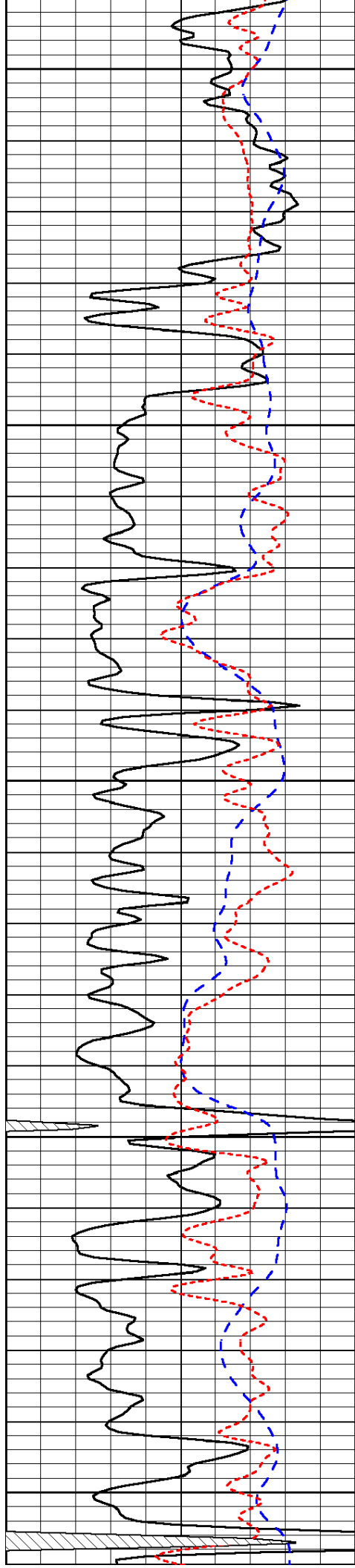


-34

-33

-33

-33



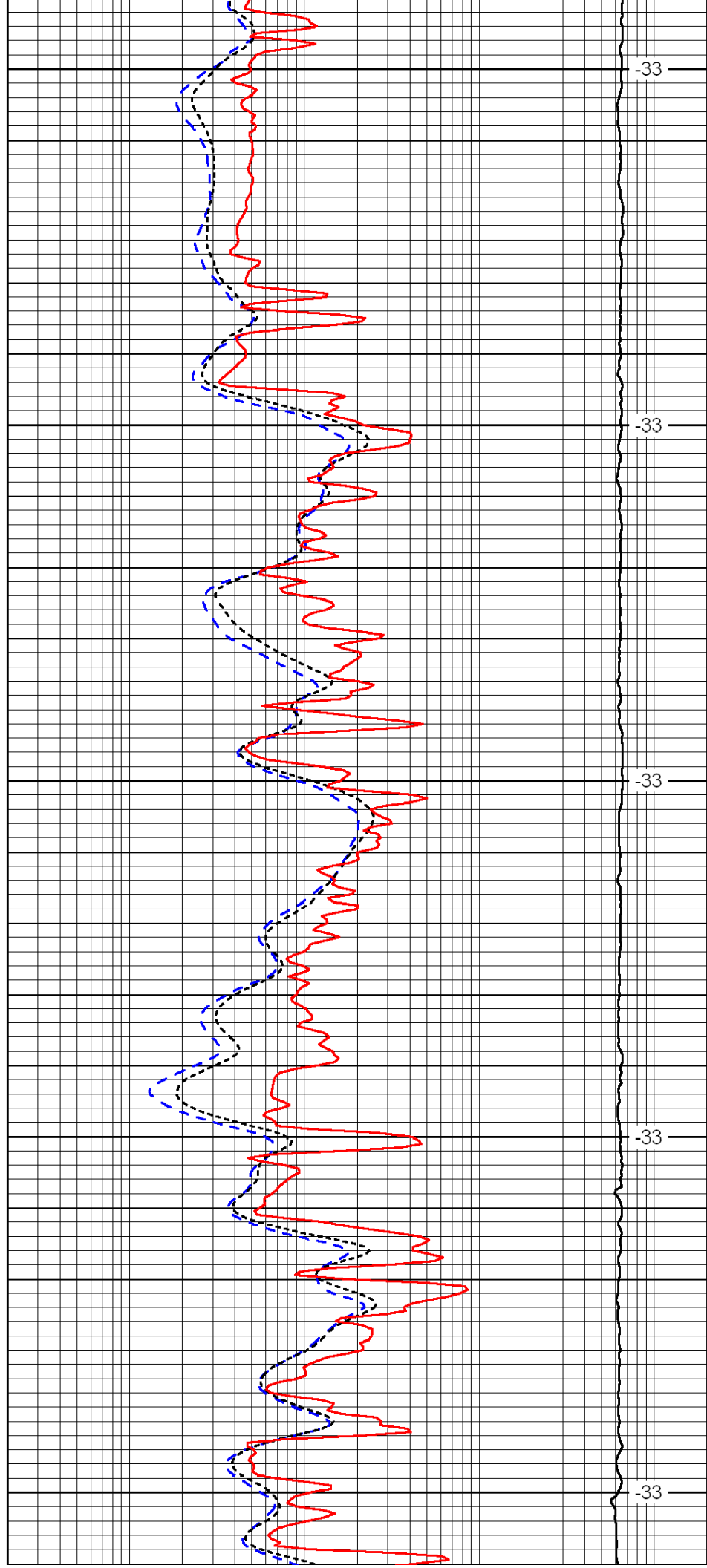
3150

3200

3250

3300

3350



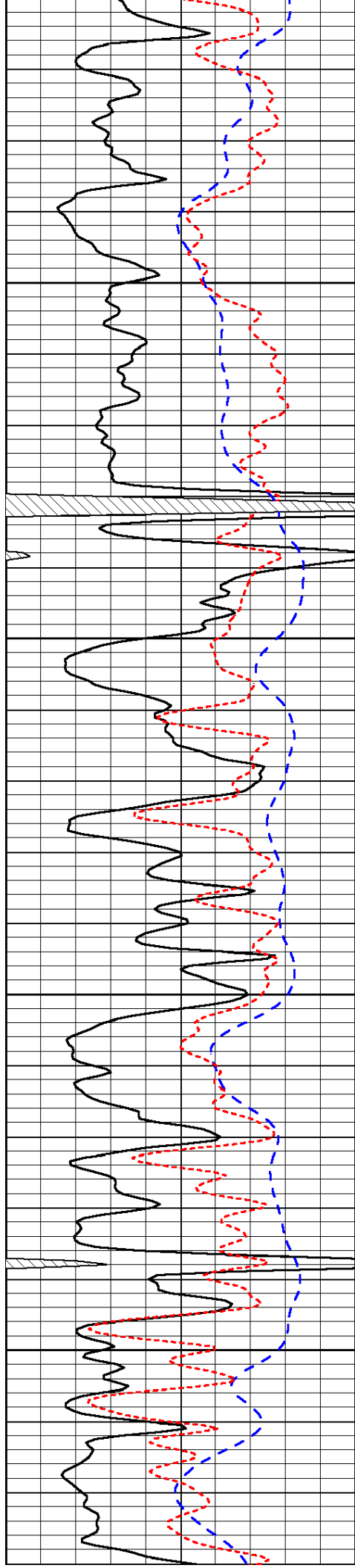
-33

-33

-33

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-33

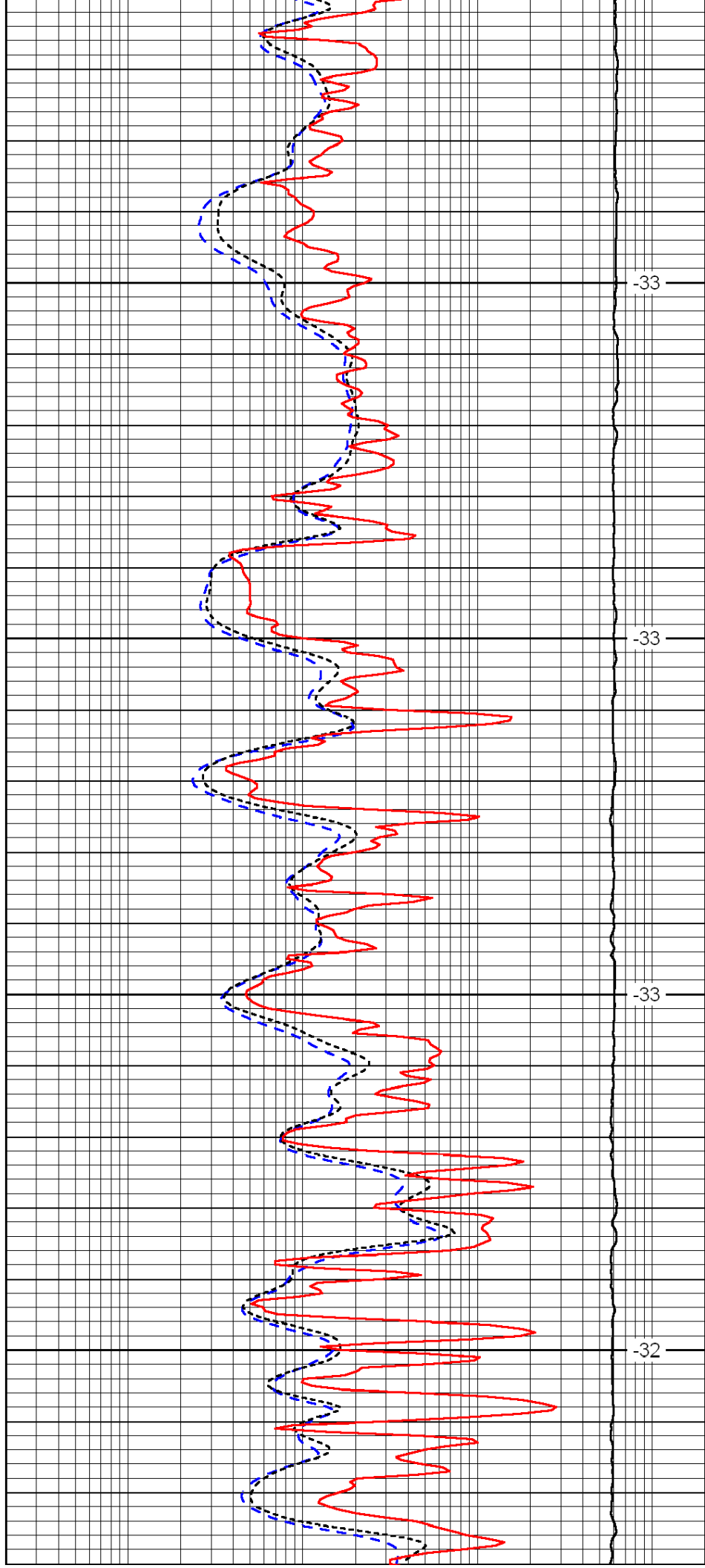


3400

3450

3500

3550

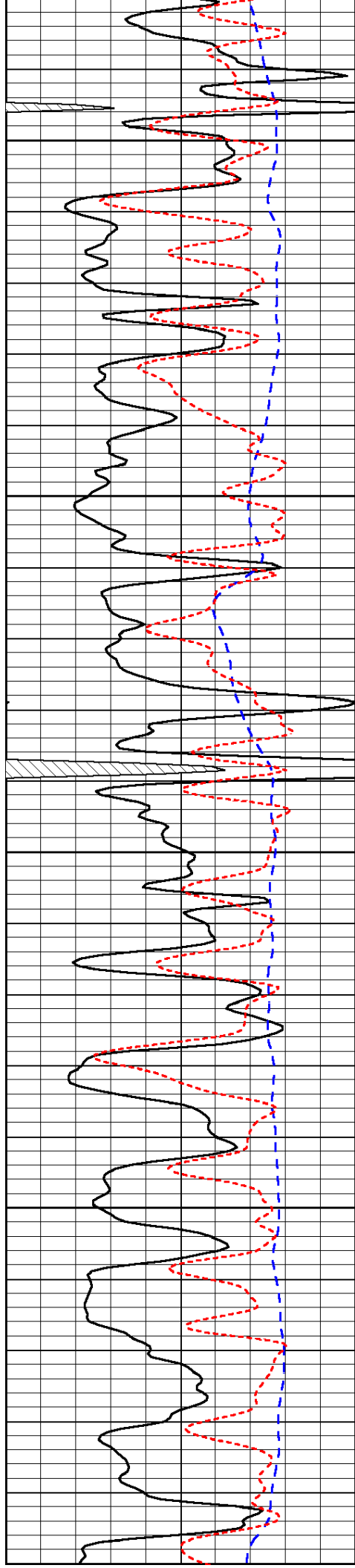


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-32



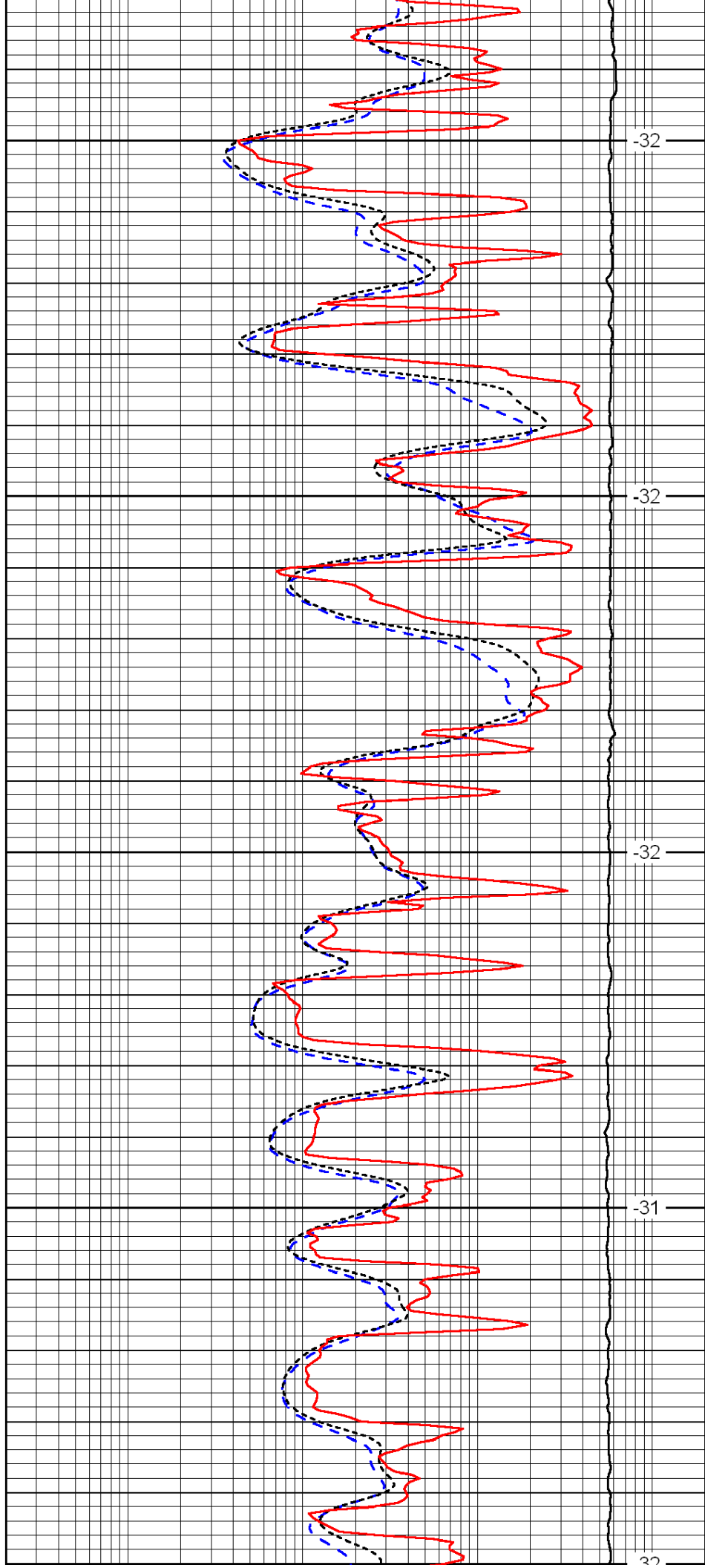
3600

3650

3700

3750

3800



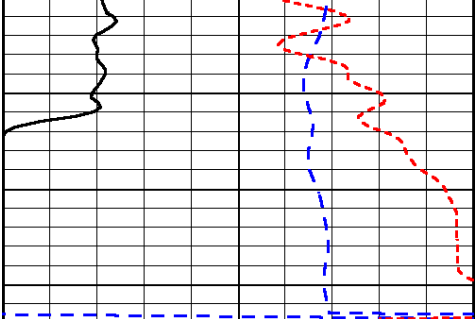
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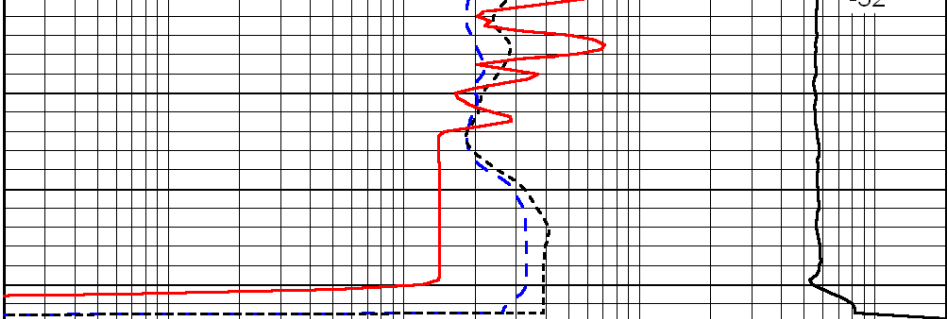
-32

-31

-30



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