



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No. 15-163-23,905-00-00	Company H & B Petroleum Corporation Well Ouder Kirk No. 14 Field Marcotte County Rocks State Kansas		Location E2-NW-NE-NW 330' FNL & 1,880' FWL	Other Services CNL/CDL MEL
Permanent Datum Ground Level Log Measured From Kelly Bushing Drilling Measured From Kelly Bushing		Sec: 7 Twp: 10 S Rge: 19 W	Elevation 3226 7 Ft. Above Perm. Datum	Elevation K.B. 2233 D.F. 2226 G.L. 2226
Date	11/19/2010			
Run Number	One			
Depth Driller	3850			
Depth Logger	3853			
Bottom Logged Interval	3852			
Top Log Interval	350			
Casing Driller	8.625 @ 368			
Casing Logger	367			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity, ppm CL	5000			
Density / Viscosity	9.1 45			
pH / Fluid Loss	9.0 8.8			
Source of Sample	Flowline			
Rm @ Meas. Temp	.92 @ 54			
Rmf @ Meas. Temp	.69 @ 54			
Rmc @ Meas. Temp	1.24 @ 54			
Source of Rmf / Rmc	Charts			
Rm @ BHT	.43 @ 115			
Operating Rig Time	4 Hours			
Max Rec. Temp. F	115			
Equipment Number	10			
Location	Hays			
Recorded By	J Schuler	J Long		
Witnessed By	Bob O'Dell			

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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.
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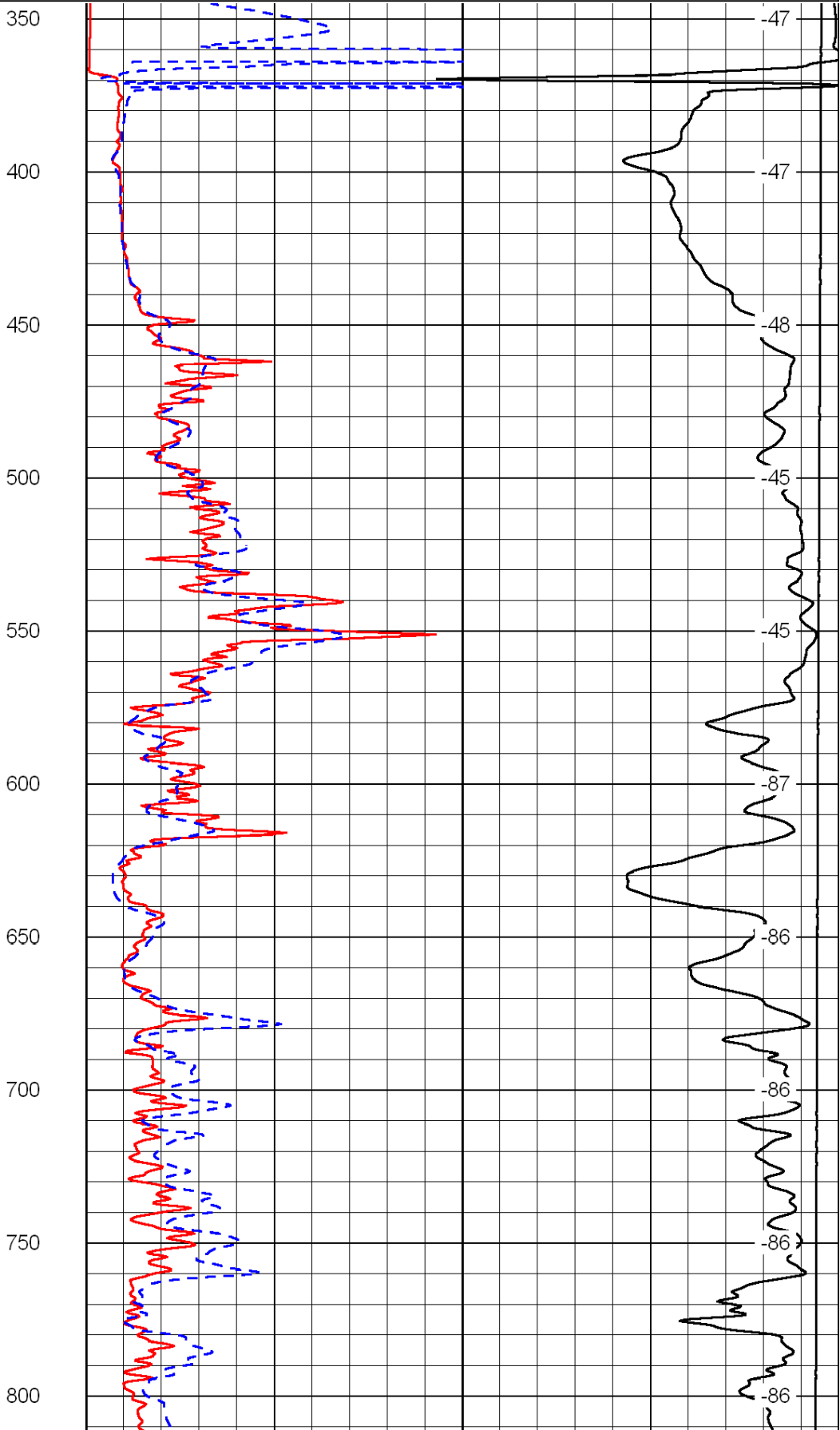
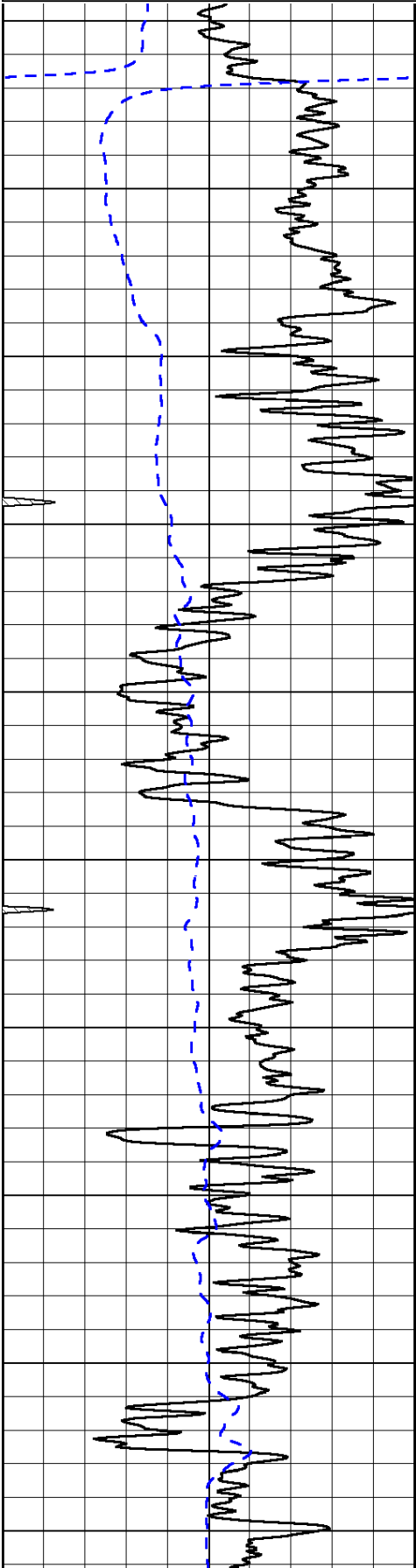
Zurich, 2 West to Road 8, South 2 to Z road, 1/2 West

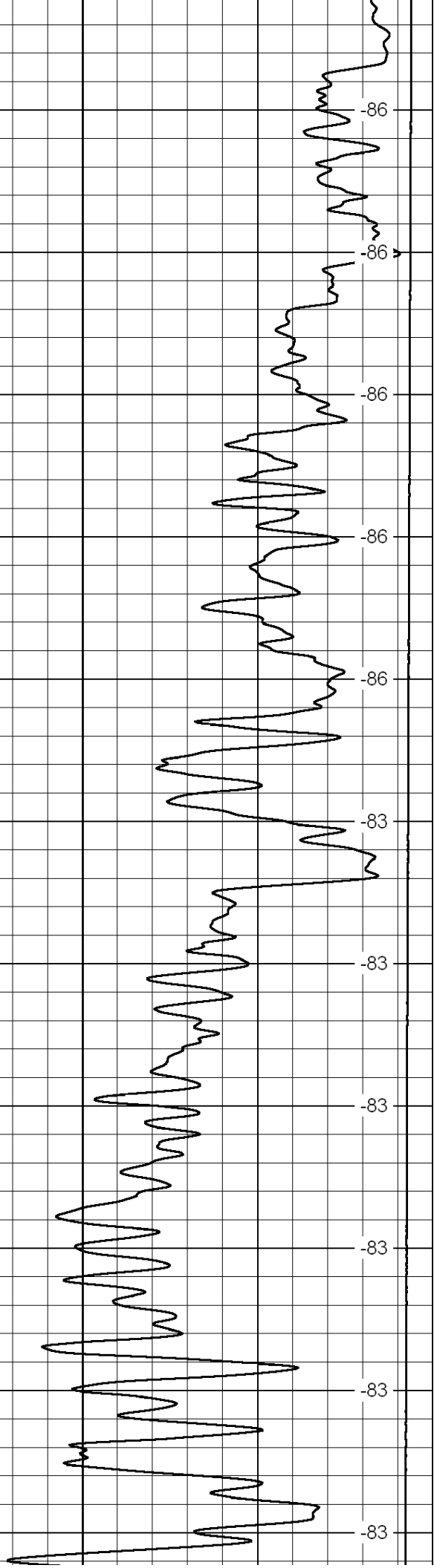
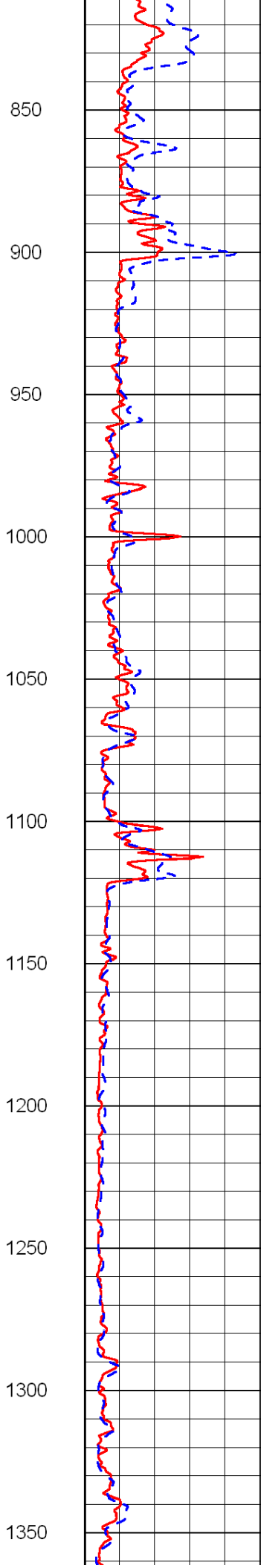
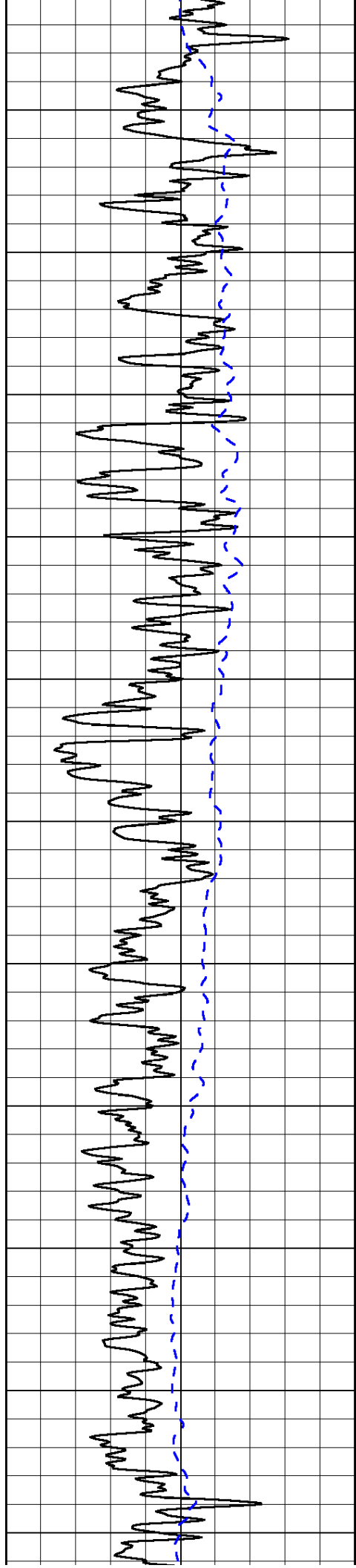
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Dataset Creation: Fri Nov 19 07:38:23 2010
Charted by: Depth in Feet scaled 1:600

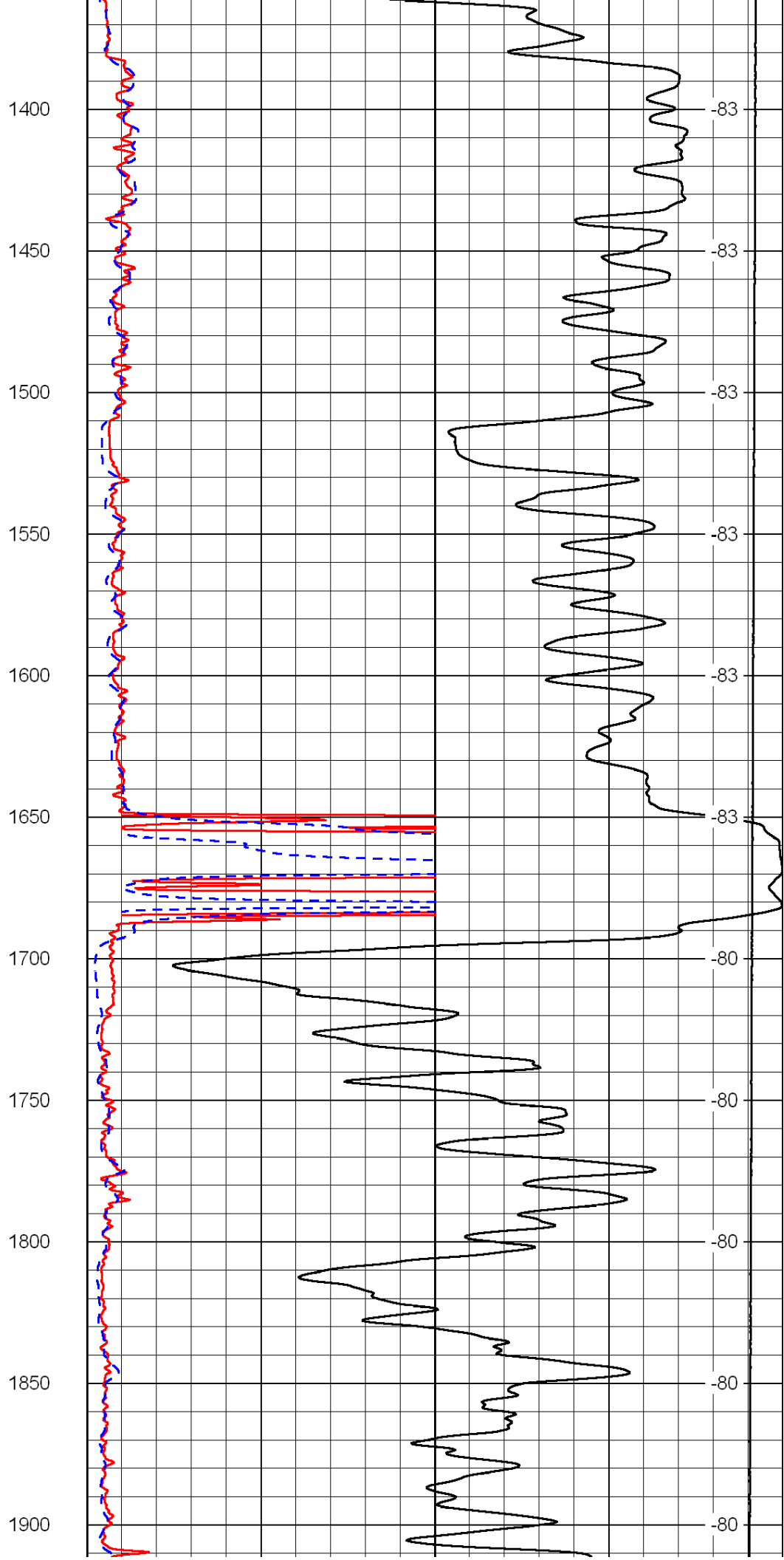
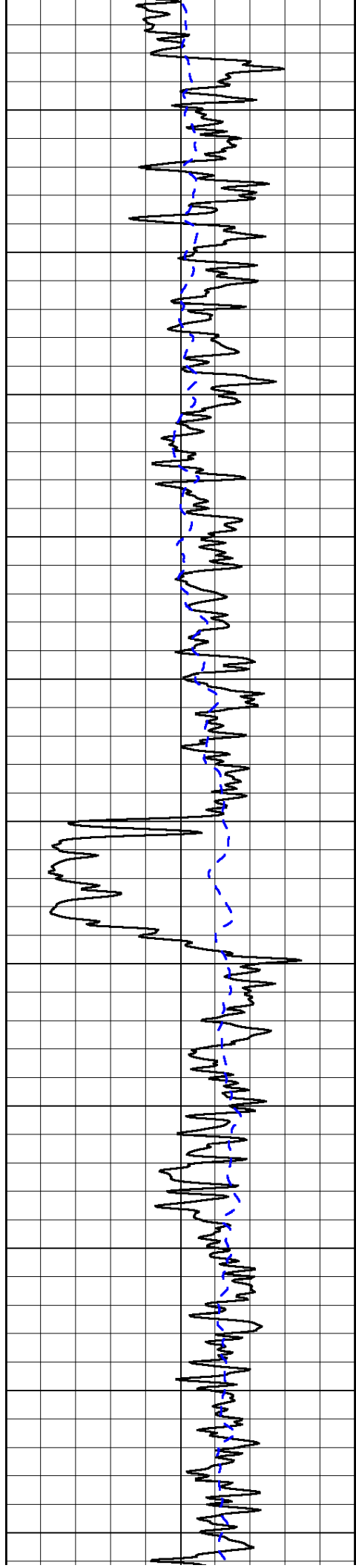
0	Gamma Ray	150
-200	SP (mV)	0

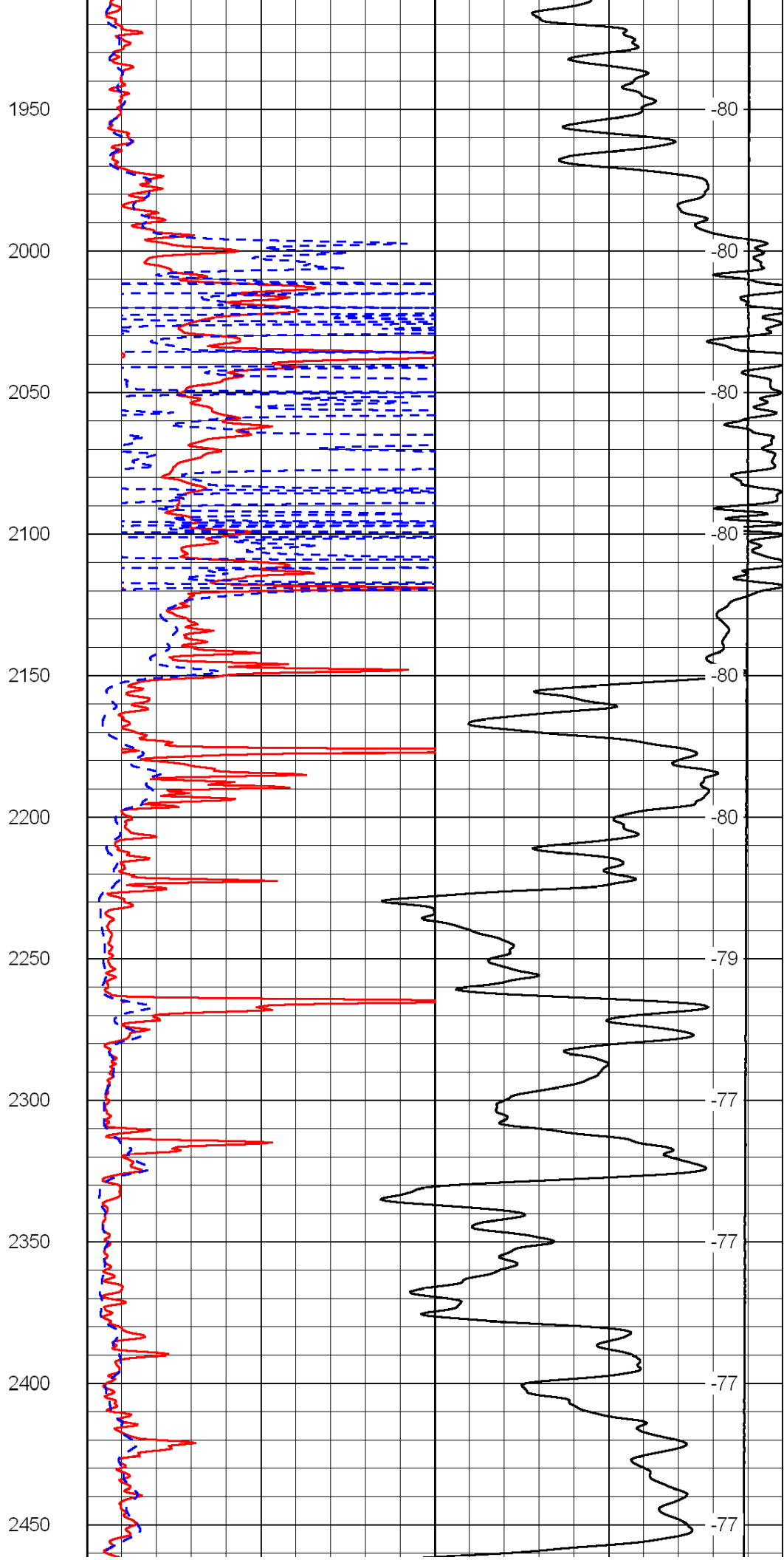
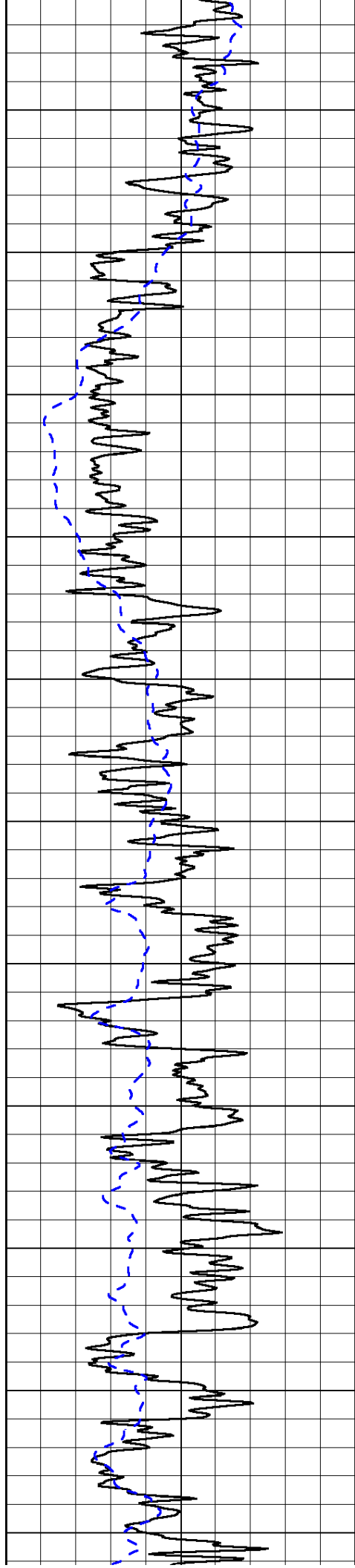
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

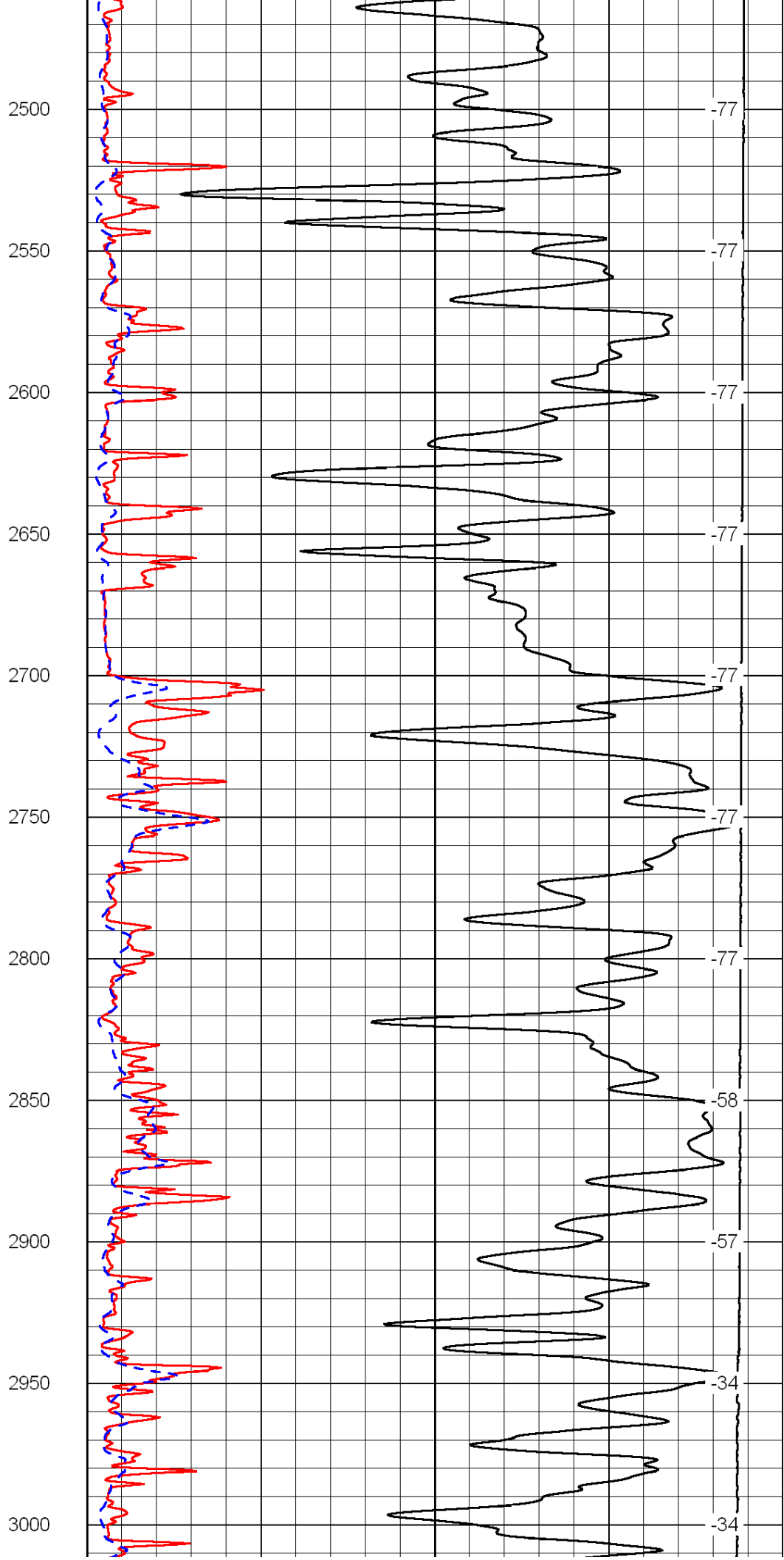
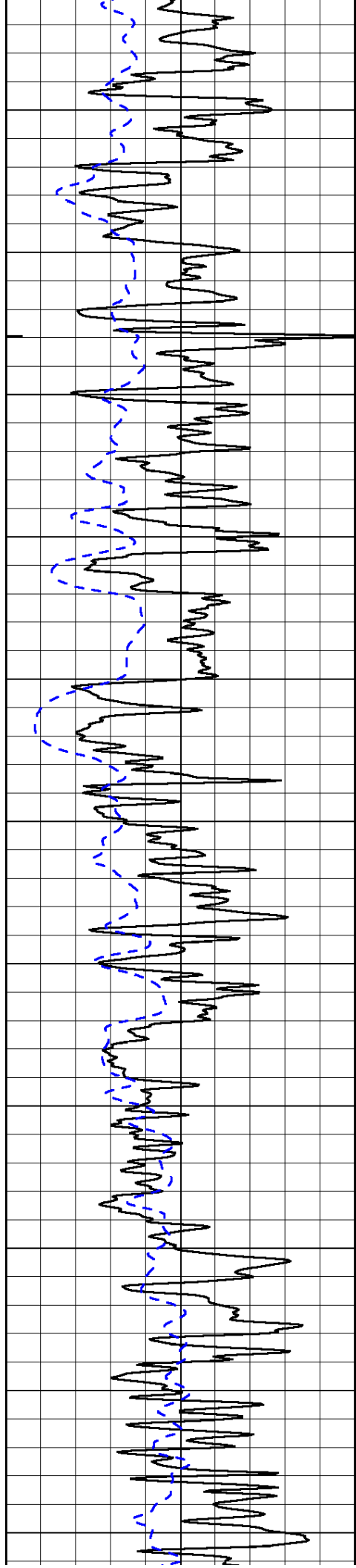
LSPD
0
0

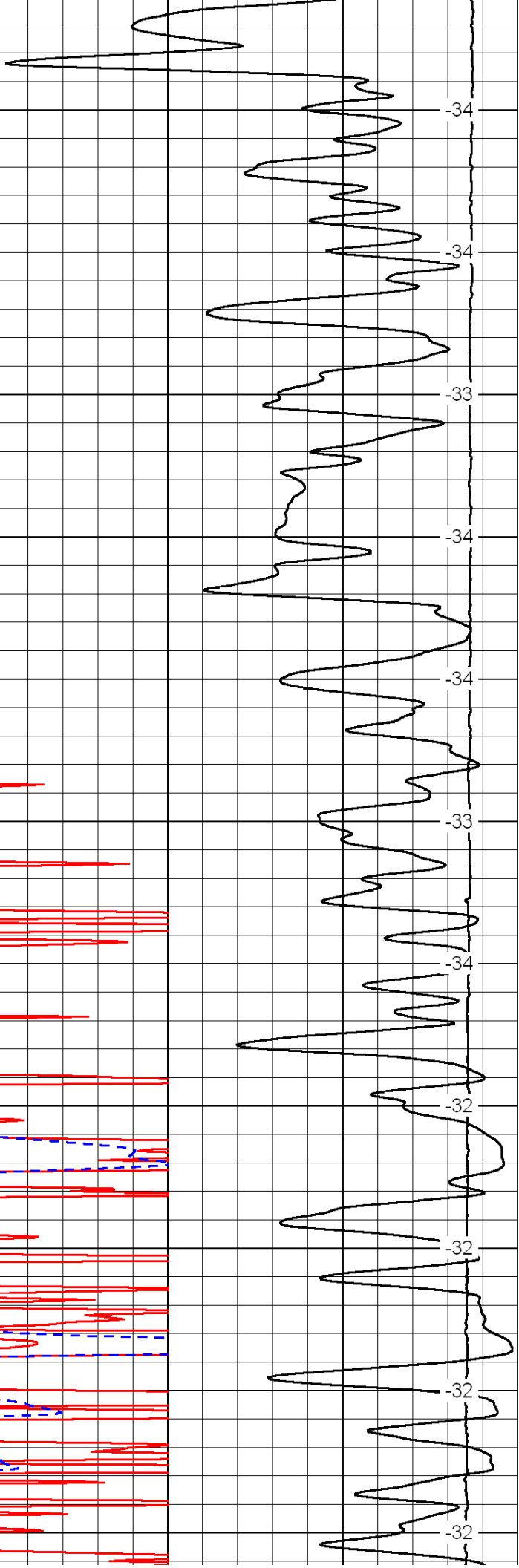
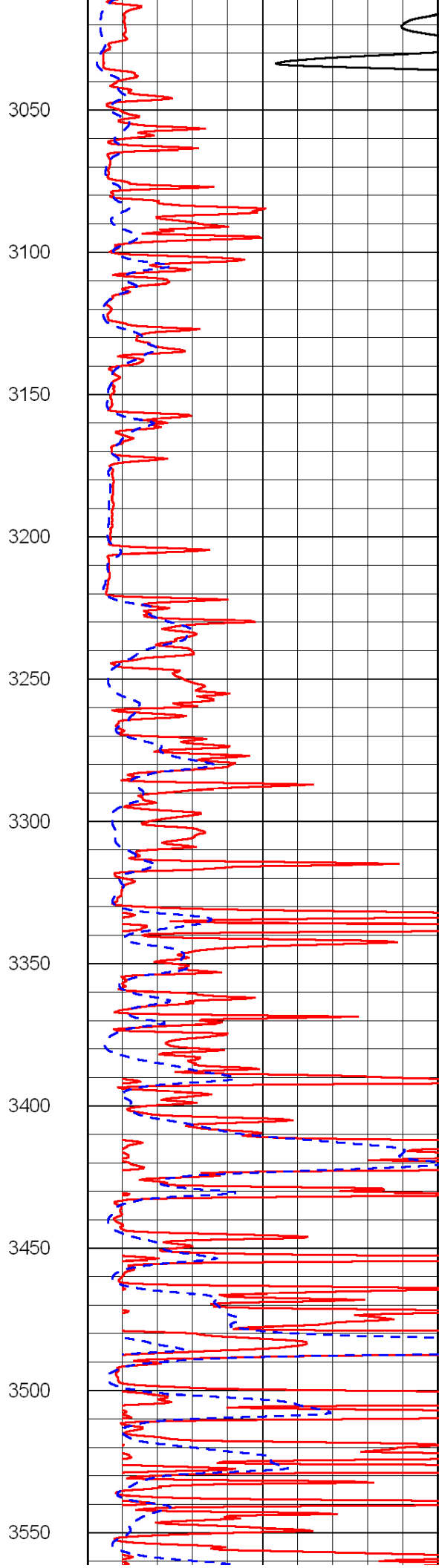
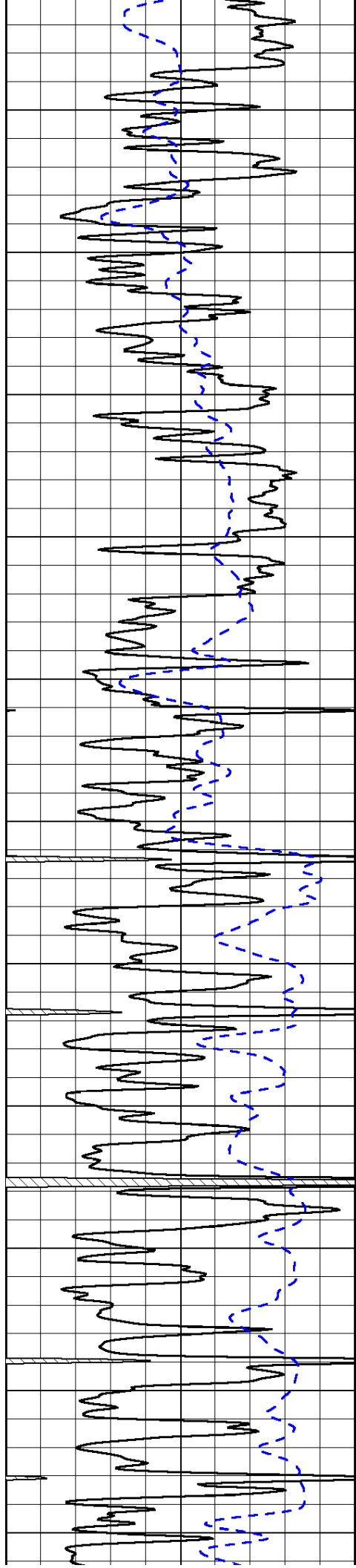


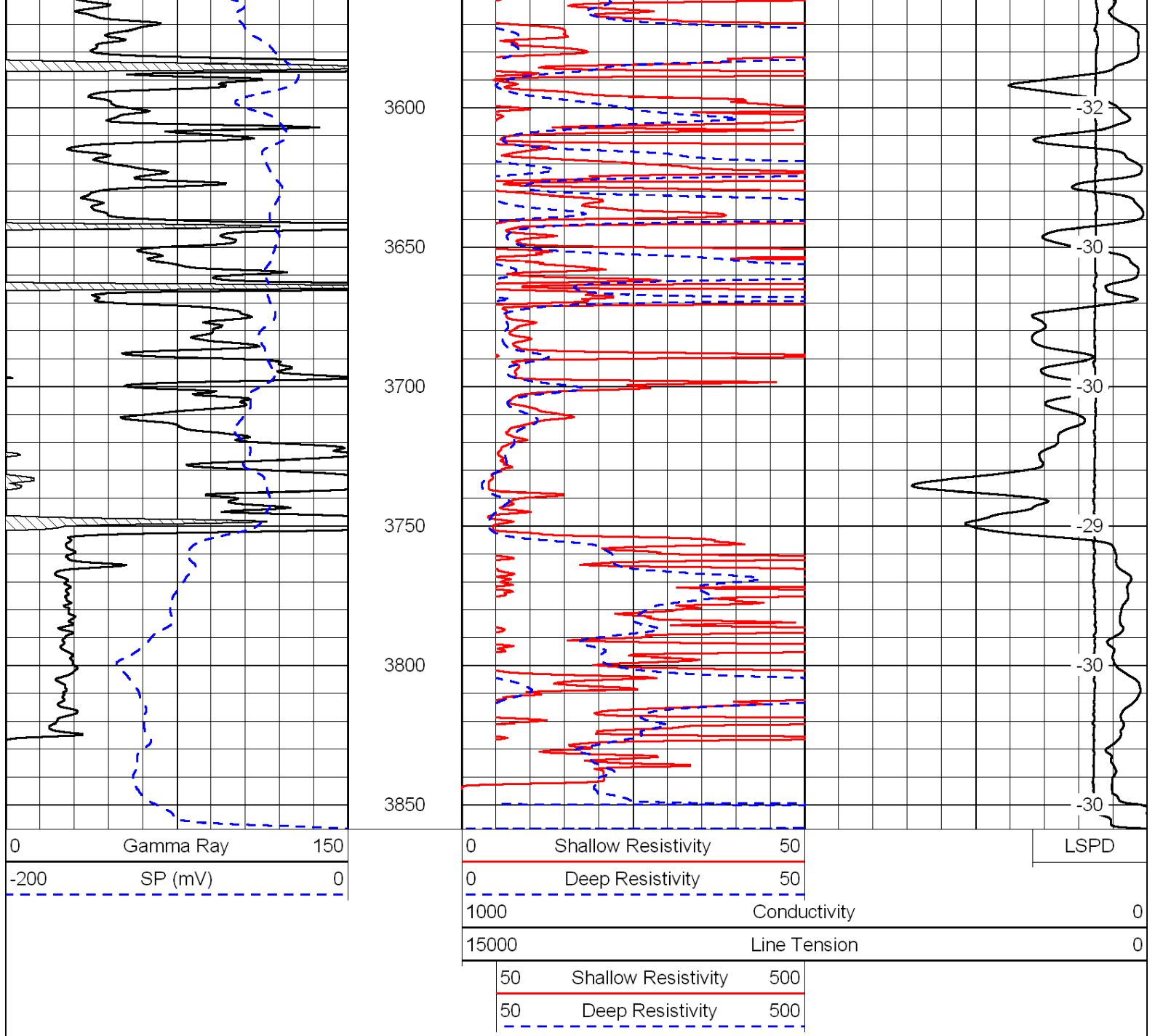




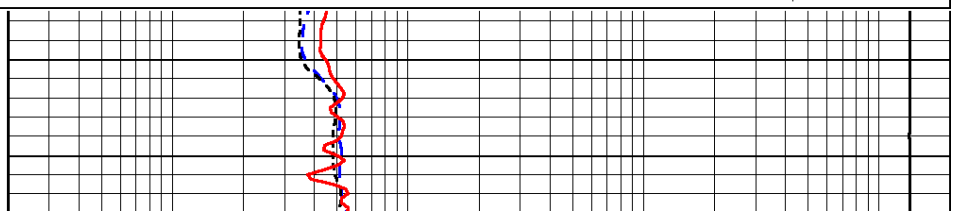
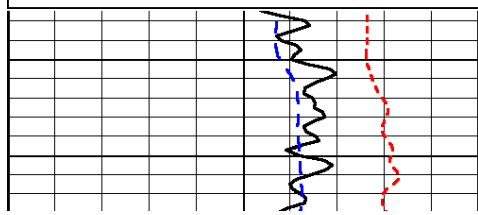
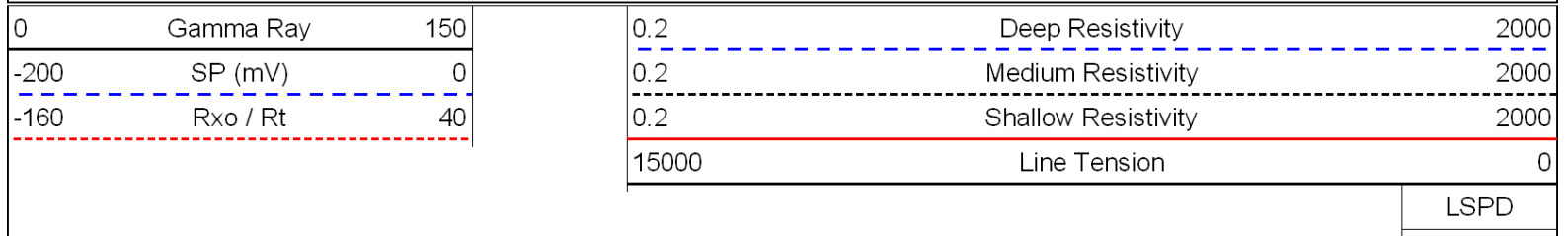


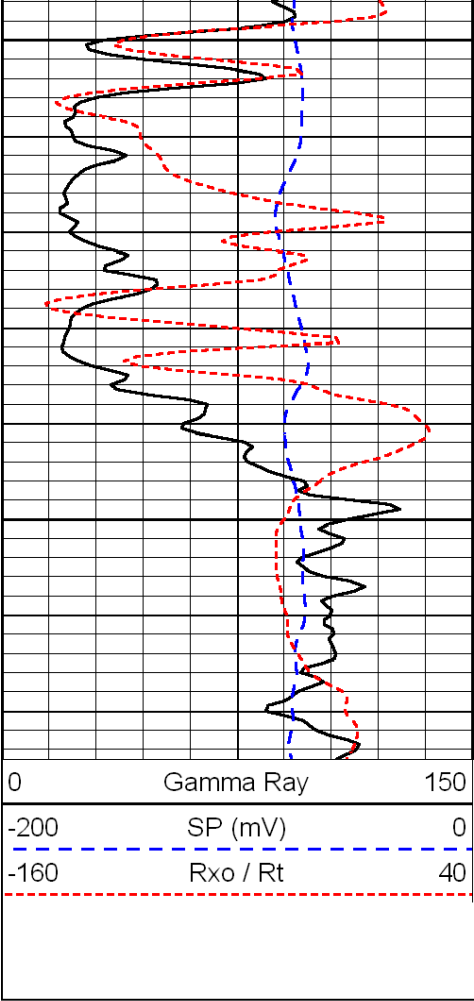






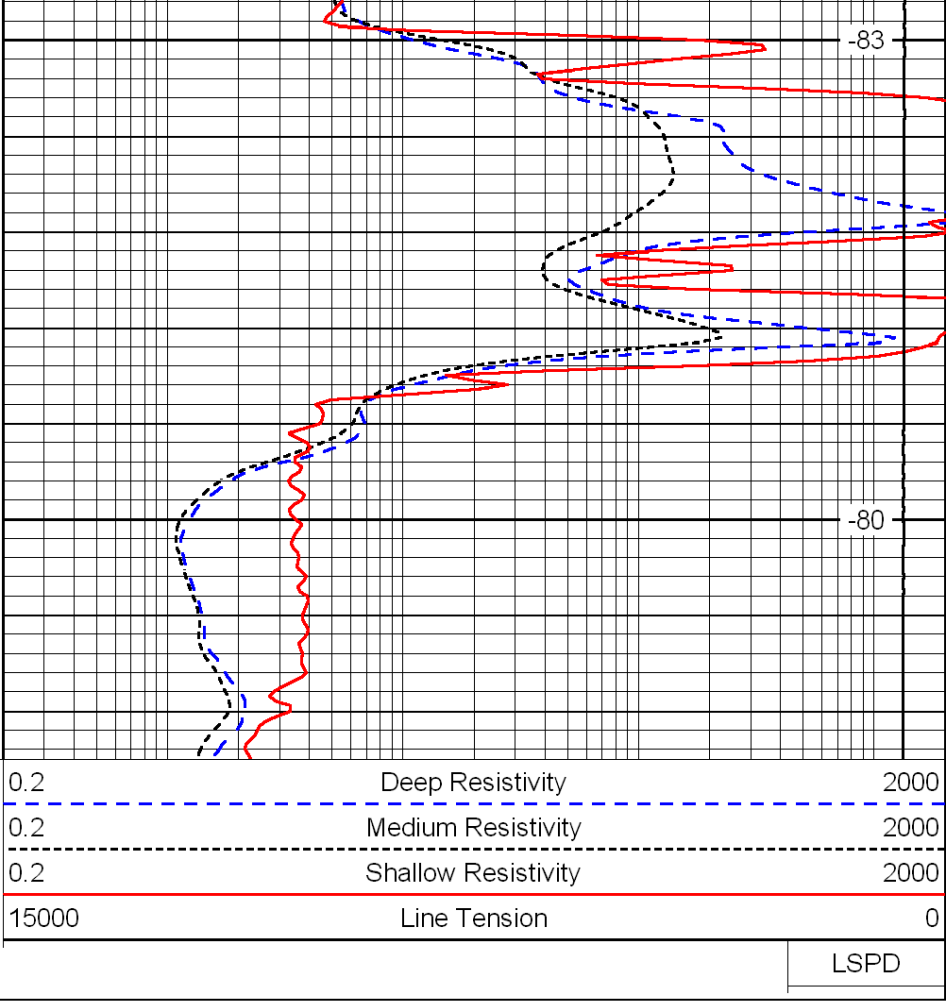
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Presentation Format: dil
Dataset Creation: Fri Nov 19 07:38:23 2010
Charted by: Depth in Feet scaled 1:240





1650

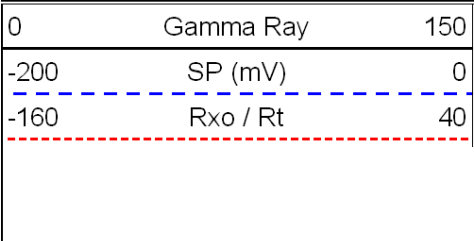
1700



-83

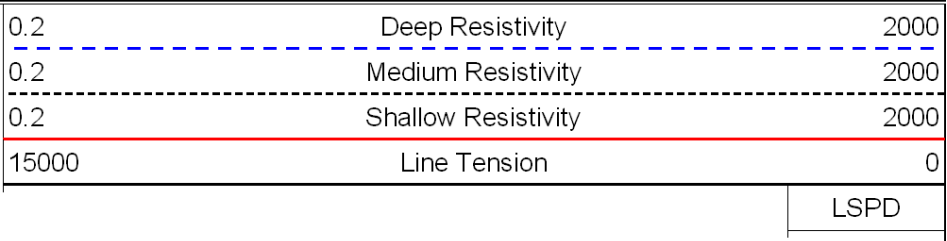
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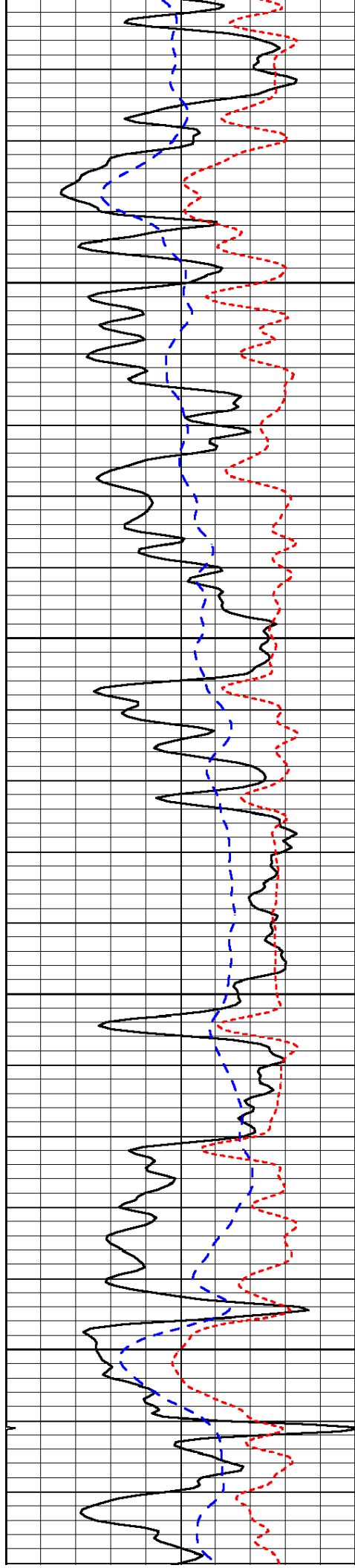
3000

3050



-34

-34

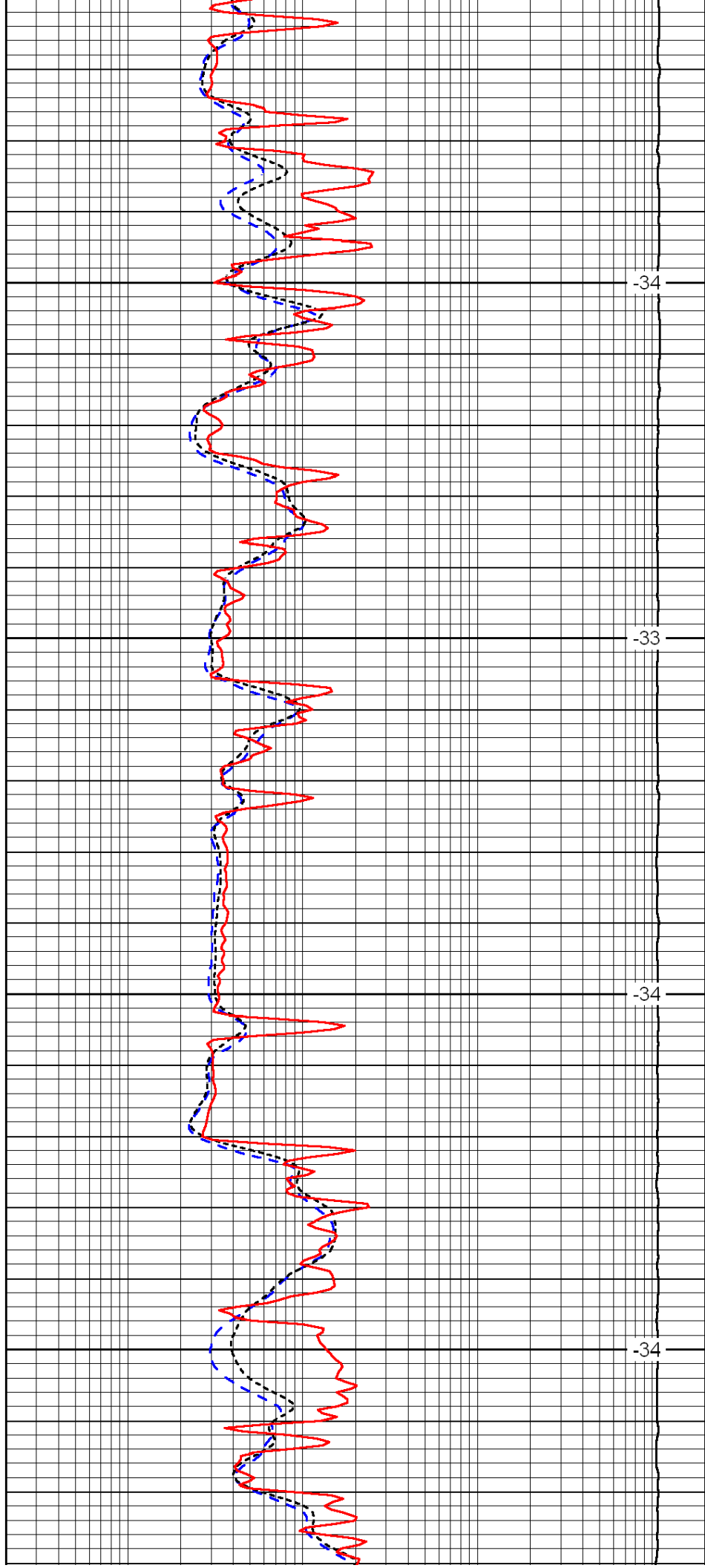


3100

3150

3200

3250

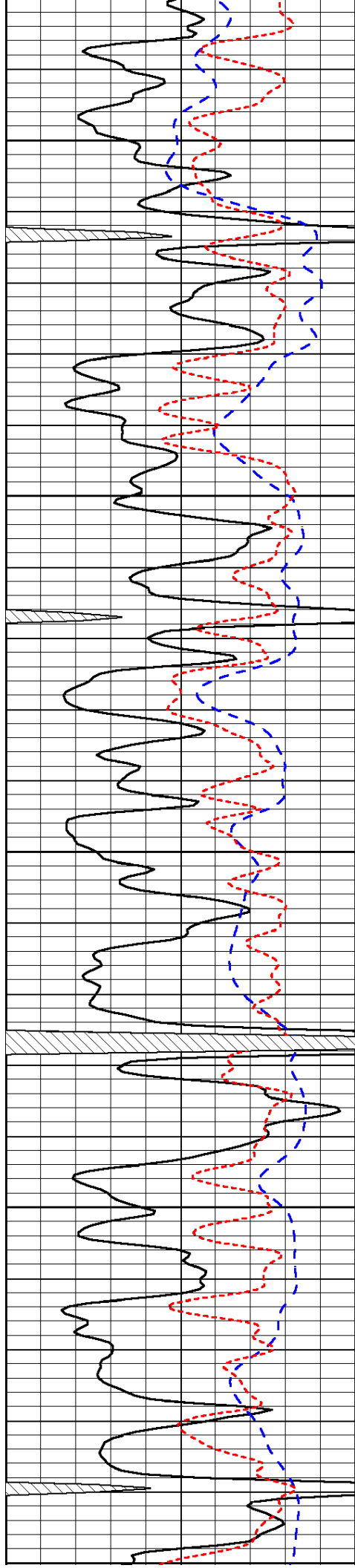


-34

-33

-34

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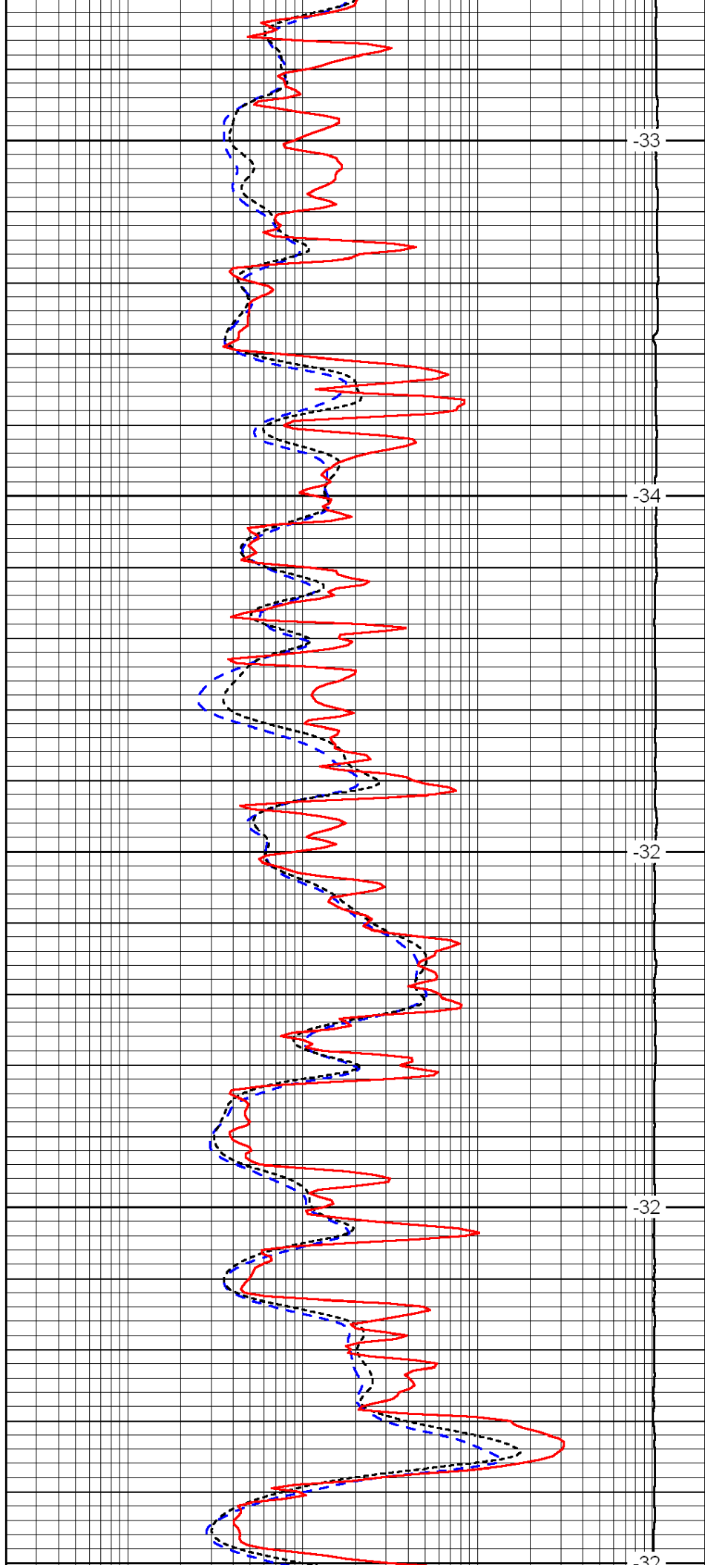
3300

3350

3400

3450

3500



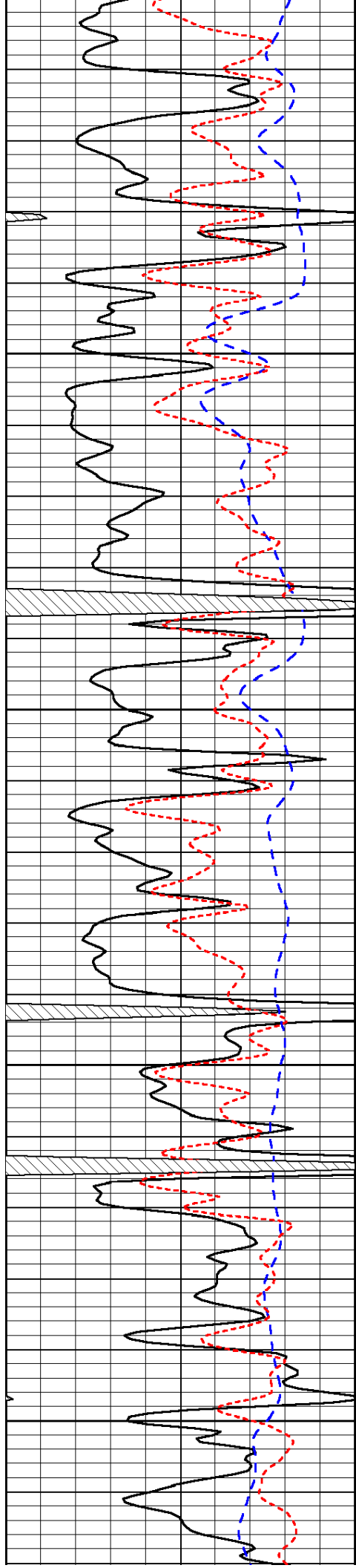
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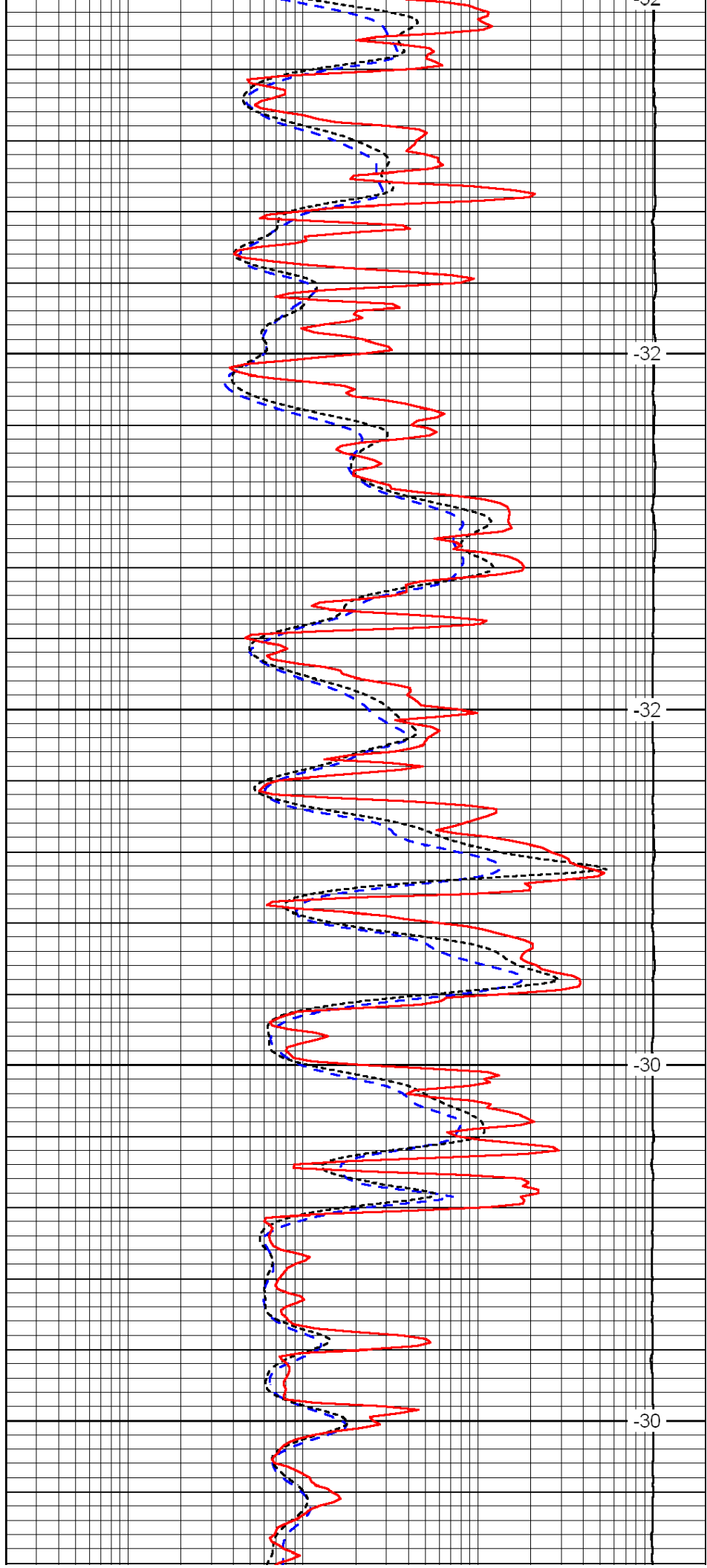
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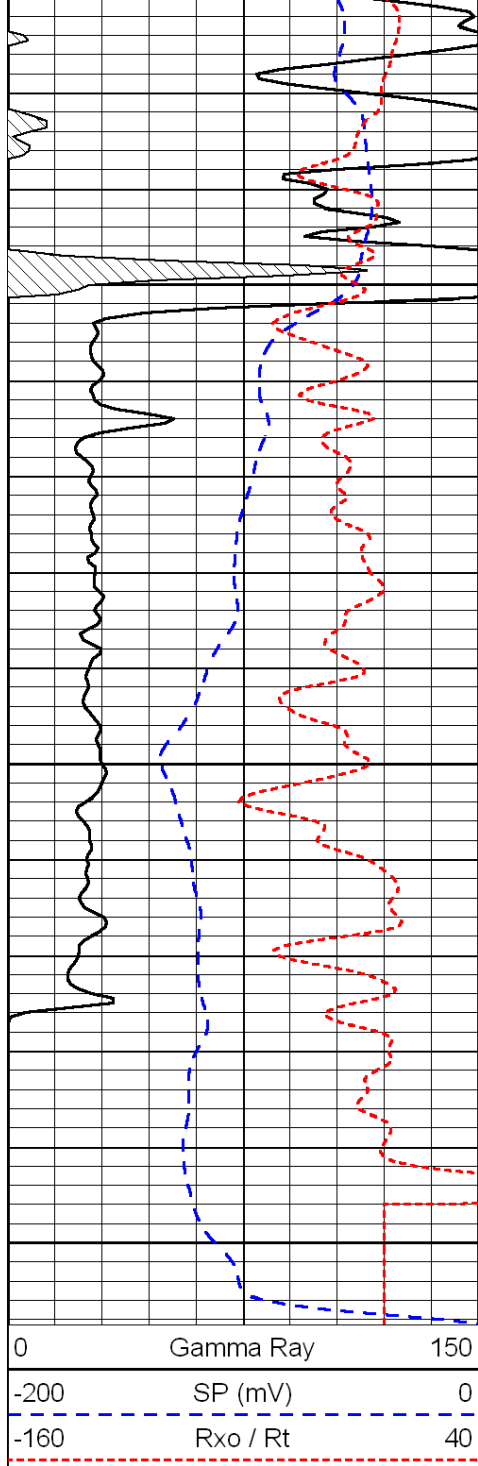
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3500
3550
3600
3650
3700



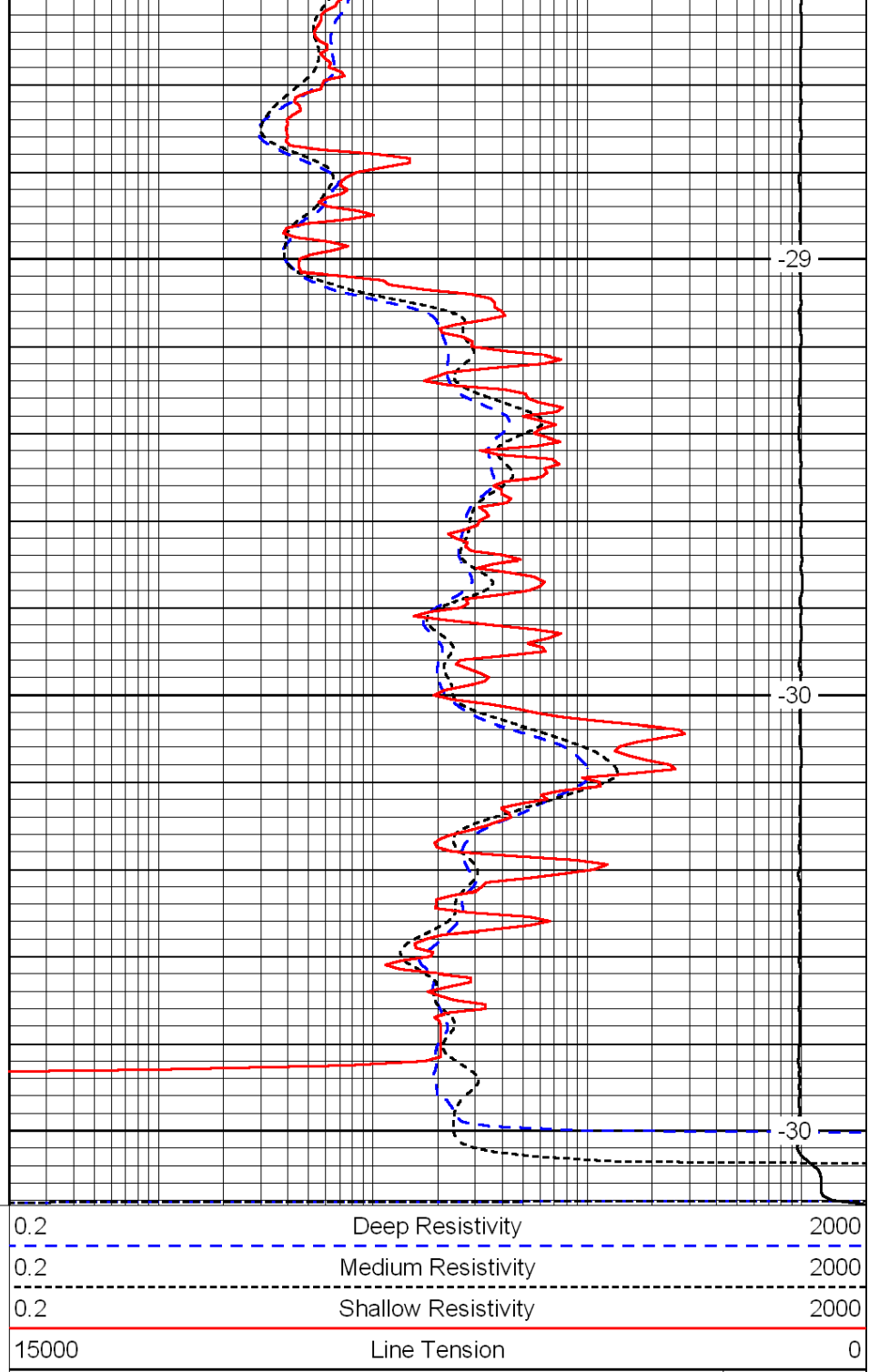
3500
3550
3600
3650
3700



3750

3800

3850



-29

-30

-30

LSPD