



**DIGITAL LOG** (785) 625-3858

**Dual Induction Log**

API No.	15-051-26025-00-00
Company	TDI, Inc.
Well	Munsch No. 3
Field	Schoenchen
County	Ellis
State	Kansas
Location	SW NE NE SE 2100' FSL & 560' FEL
Other Services	CNL / CDL MEL
Sec: 9	Twp: 15S Rge: 18W
Permanent Datum	Ground Level
Log Measured From	Kelly Bushing
Drilling Measured From	Kelly Bushing
Elevation	2026
Other Services	K.B. 2036 D.F. G.L. 2026

Date	9/14/2010
Run Number	One
Depth Driller	3740
Depth Logger	3737
Bottom Logged Interval	3736
Top Log Interval	200
Casing Driller	8.625 @ 221
Casing Logger	218
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	4900
Density / Viscosity	9.2   55
pH / Fluid Loss	10.0   8.0
Source of Sample	Flowline
Rm @ Meas. Temp	.5 @ 80
Rmf @ Meas. Temp	.38 @ 80
Rmc @ Meas. Temp	.68 @ 80
Source of Rmf / Rmc	Charts
Rm @ BHT	.35 @ 115
Operating Rig Time	3 Hours
Max Rec. Temp. F	115
Equipment Number	17
Location	Hays
Recorded By	R. Barnhart
Witnessed By	Herb Deines

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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  
  
1.5 S of Antonino Rd.

Database File: c:\warrior\data\tdi\_munsch no. 3\tdi\_munsch 3hd1.db  
 Dataset Pathname: dil\tdistck  
 Presentation Format: dil2in  
 Dataset Creation: Wed Sep 15 01:27:59 2010  
 Charted by: Depth in Feet scaled 1:600

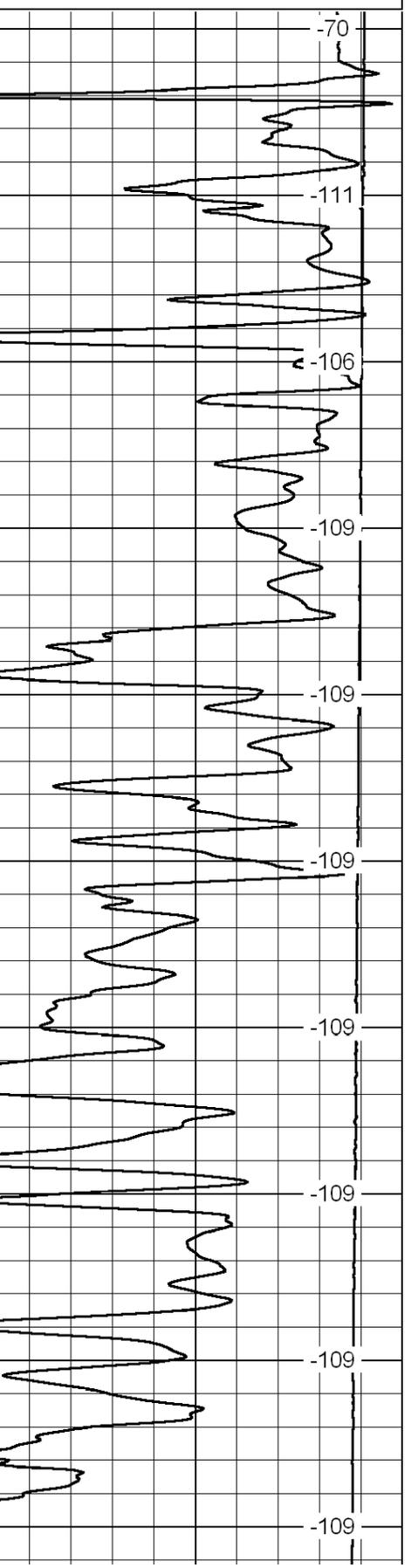
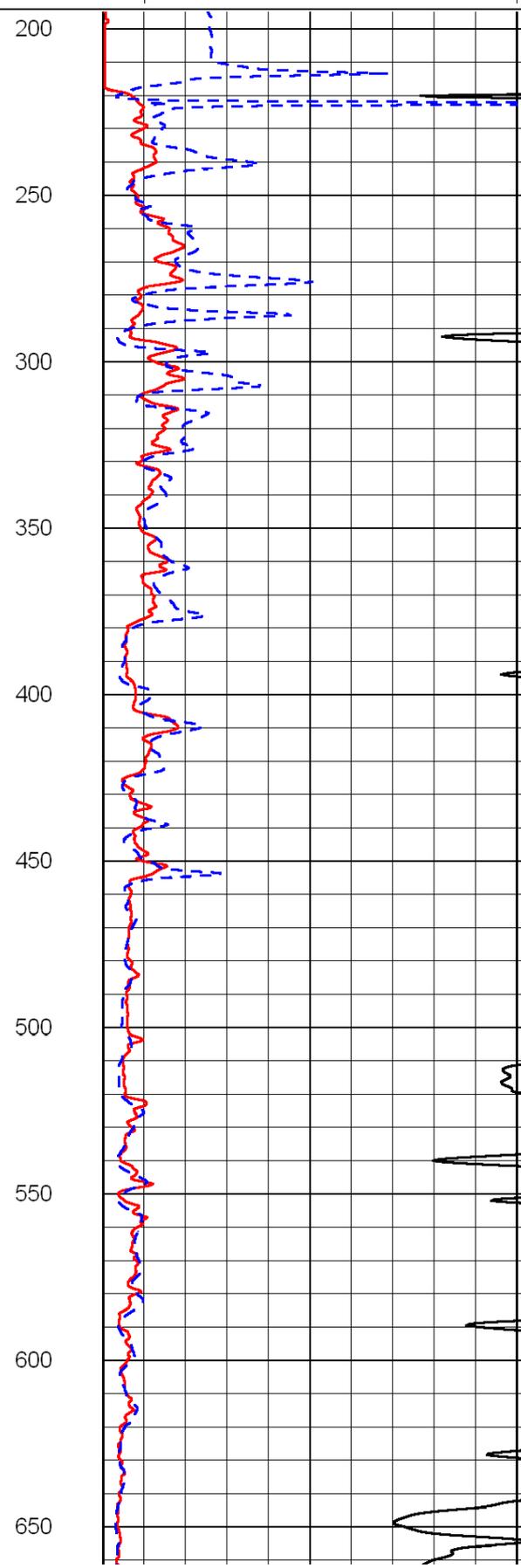
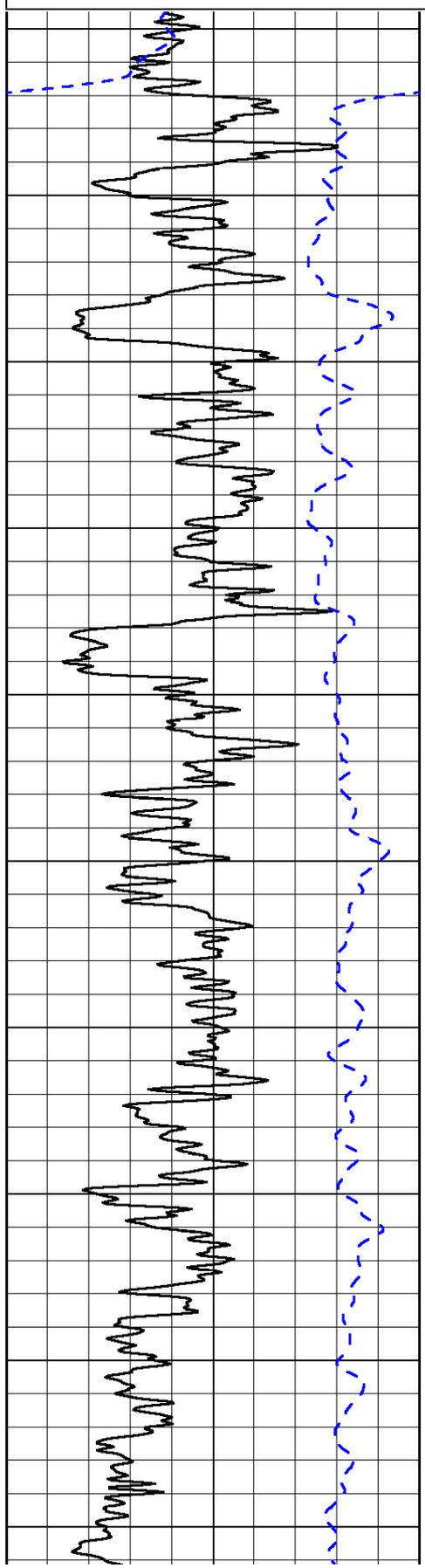
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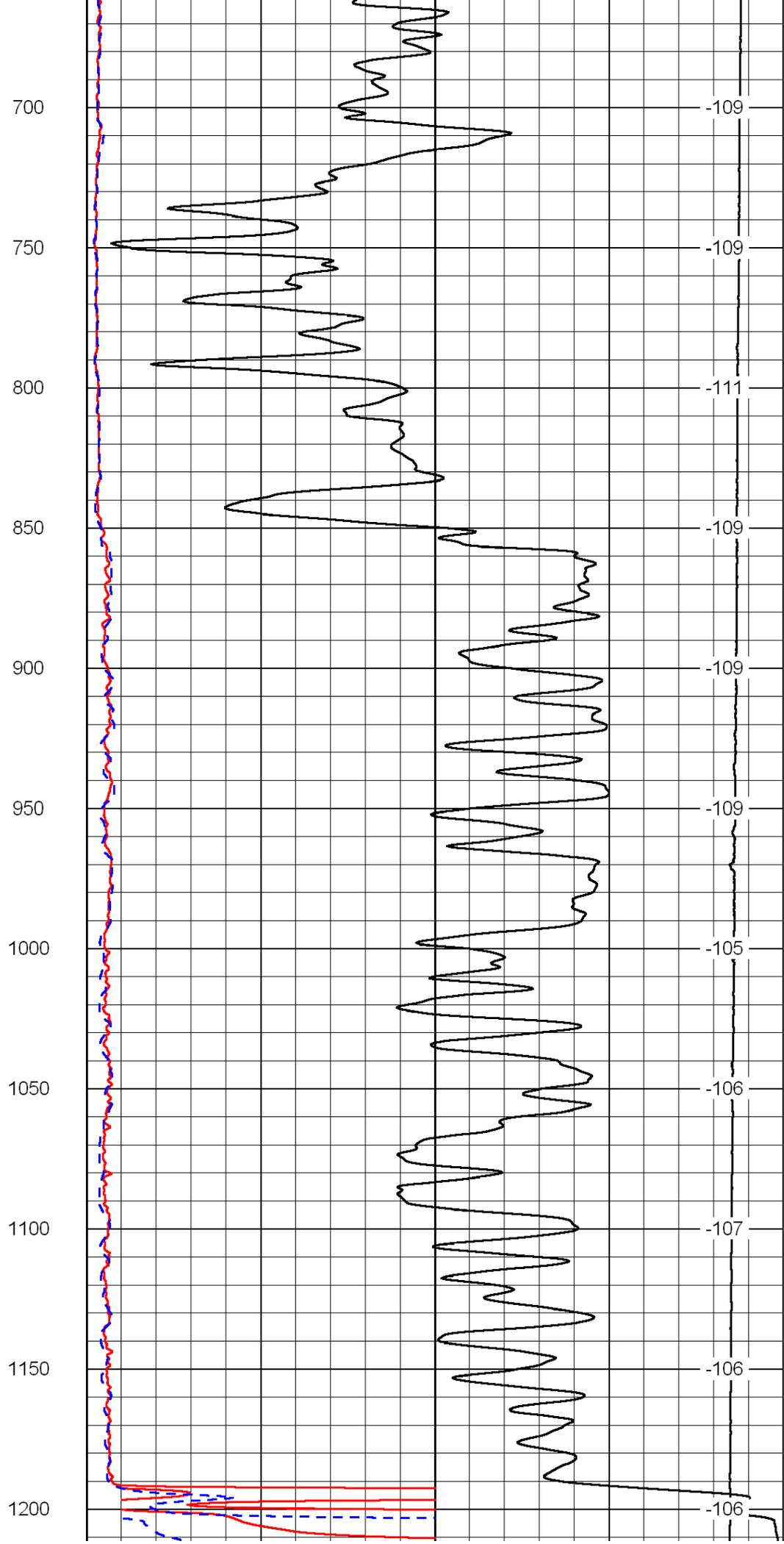
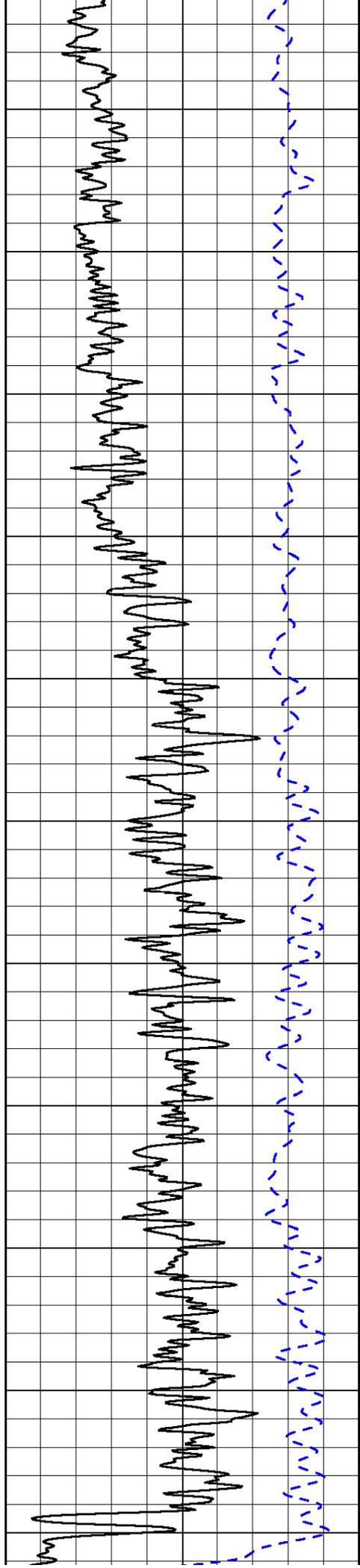
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0	Deep Resistivity	50

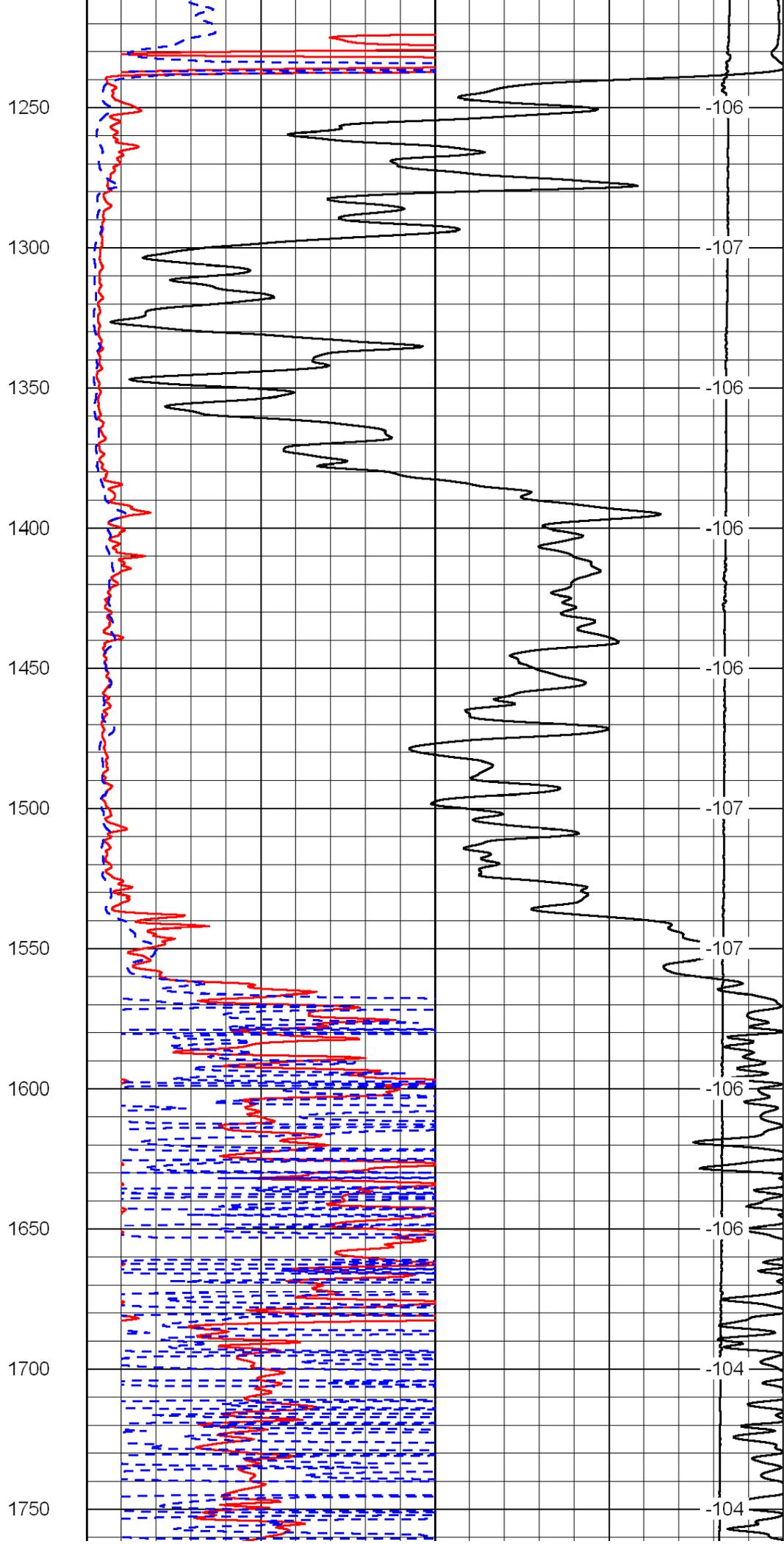
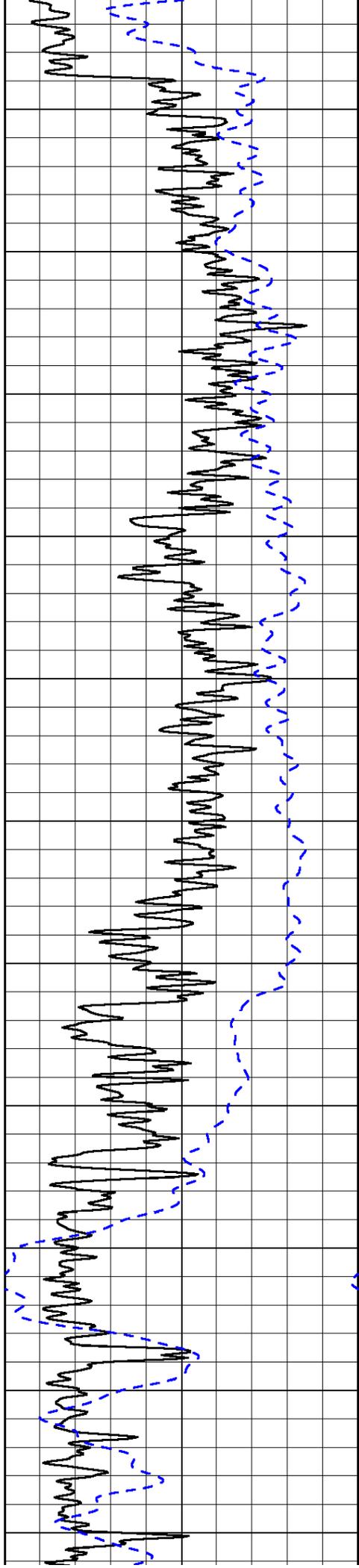
LSPD

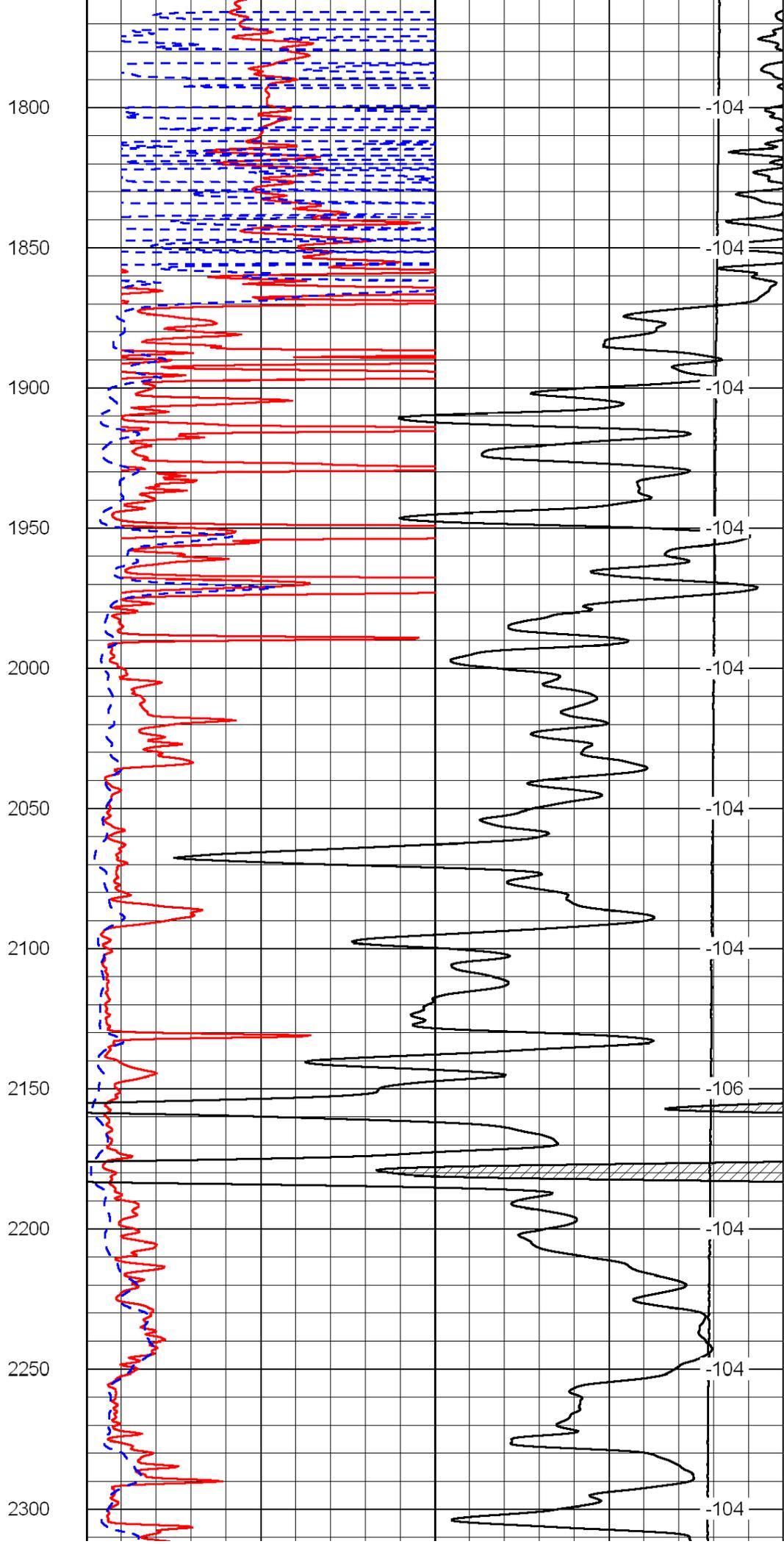
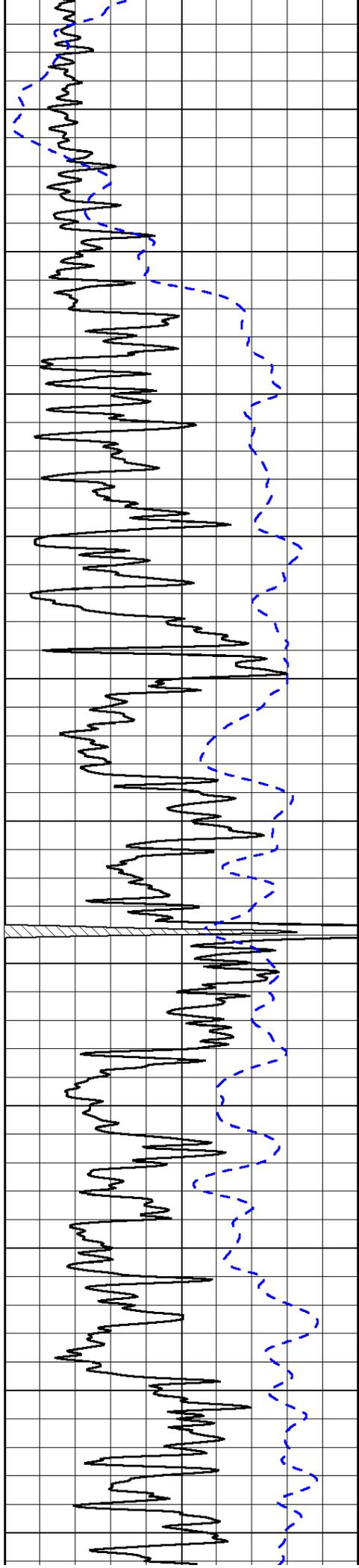
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15000	Line Tension	0

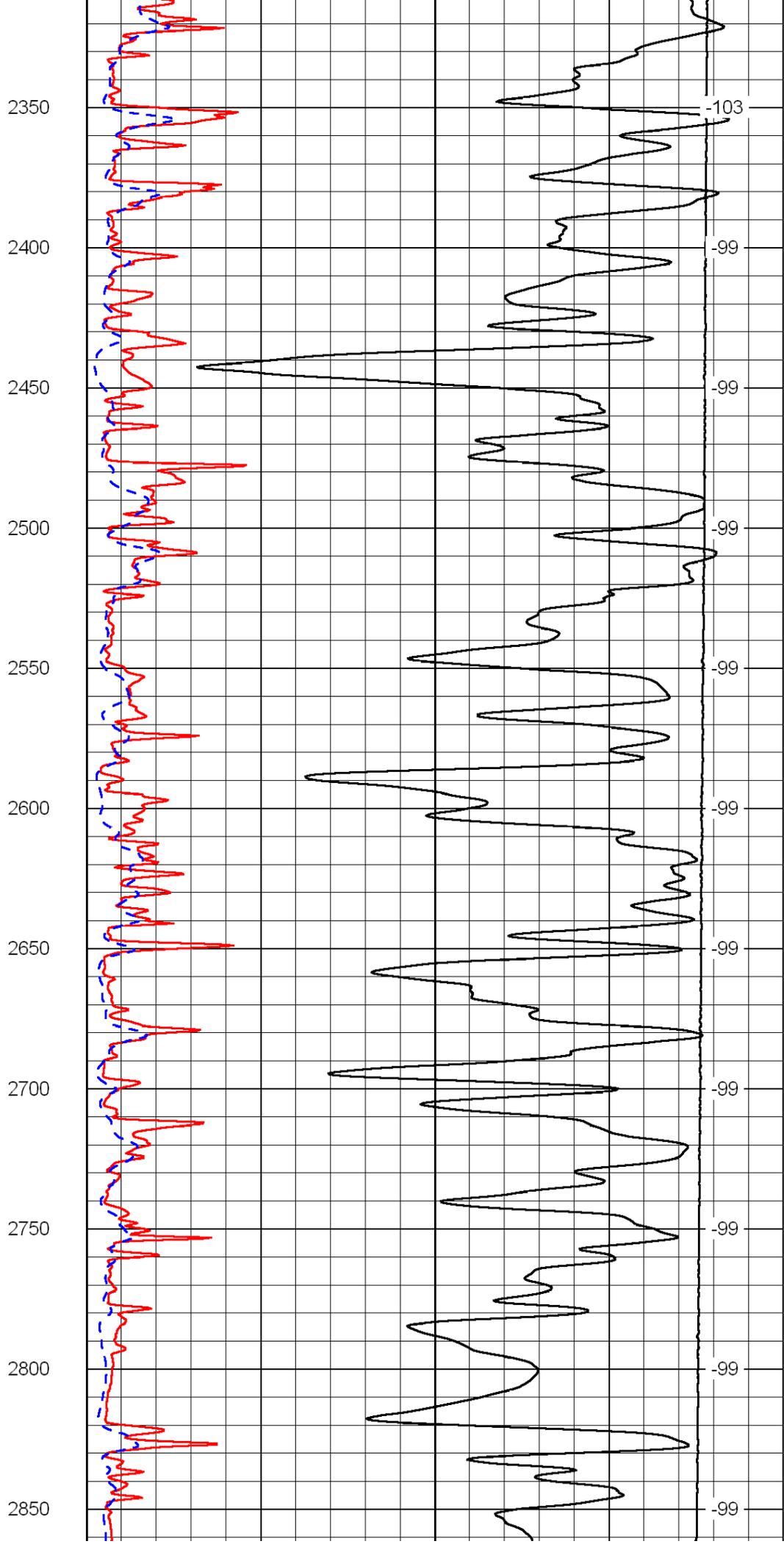
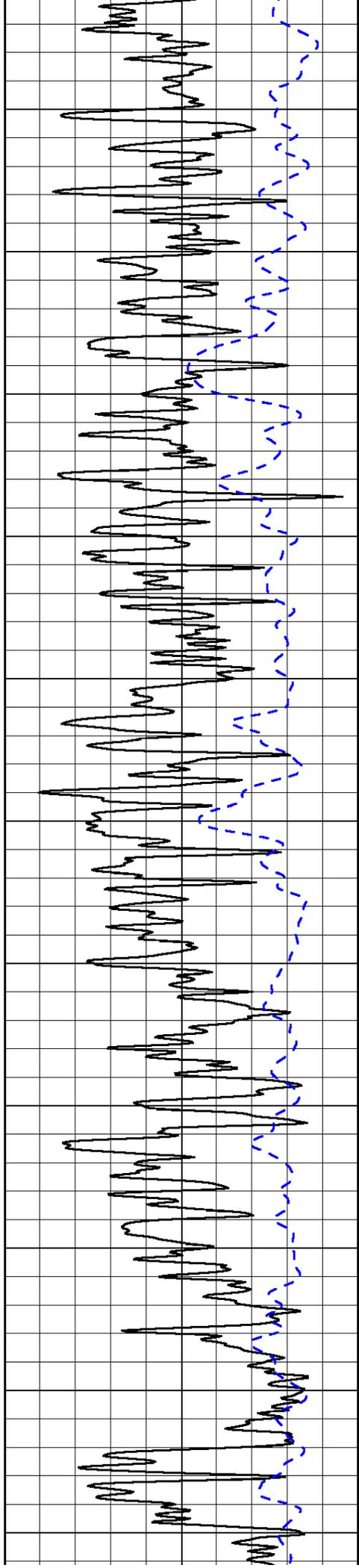
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50	Deep Resistivity	500

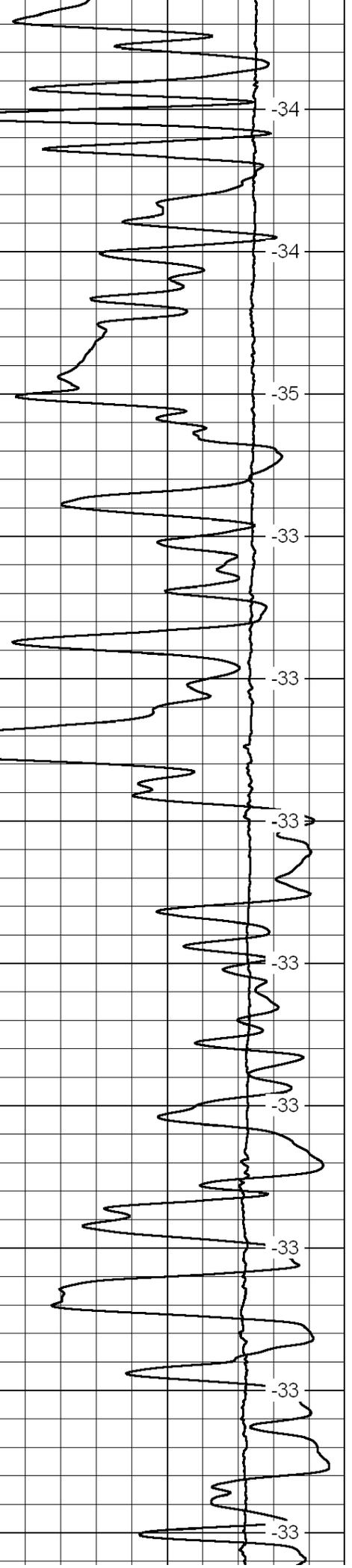
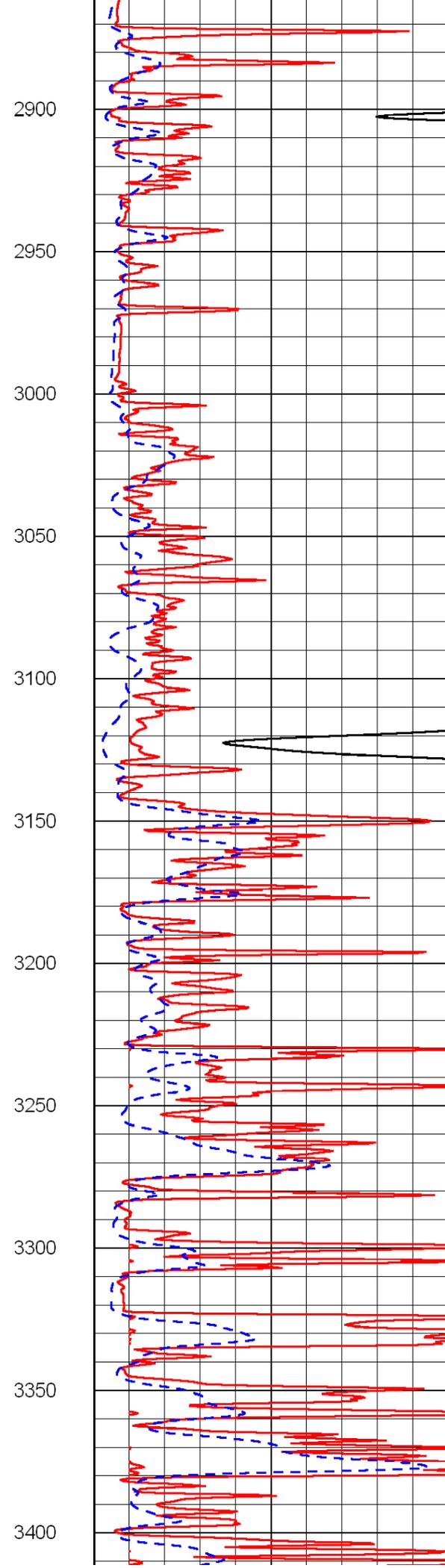
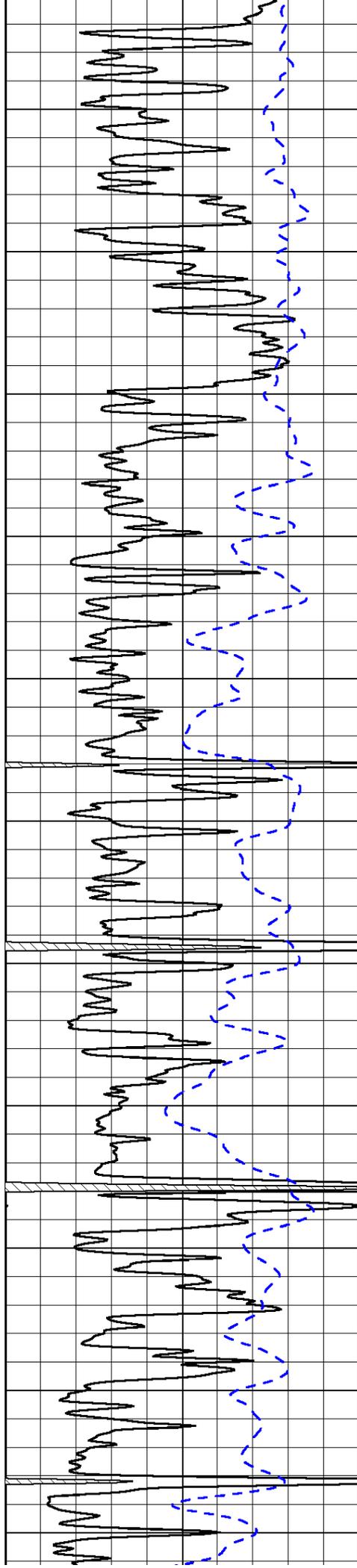


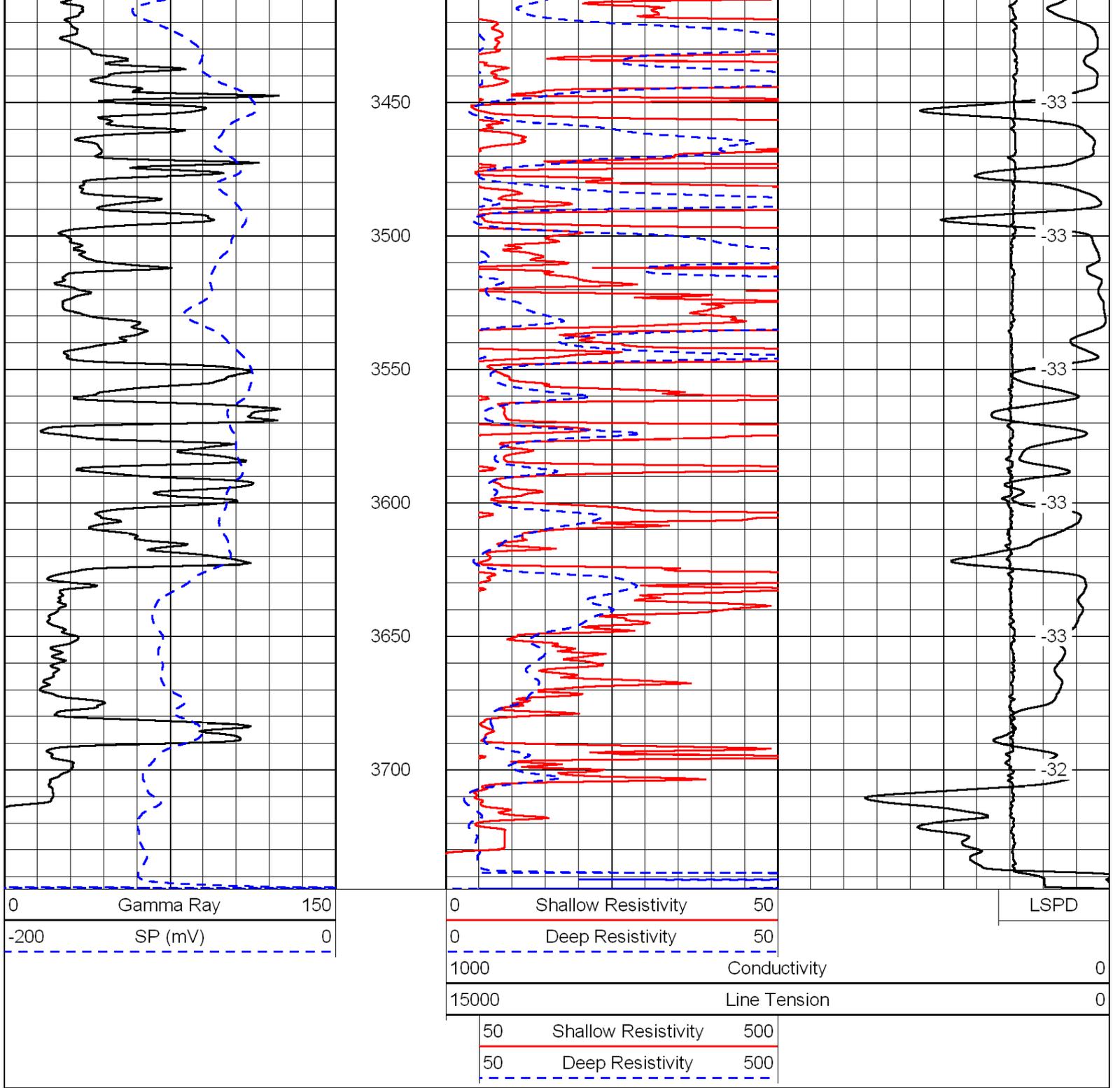




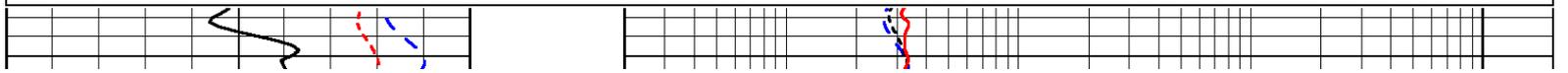
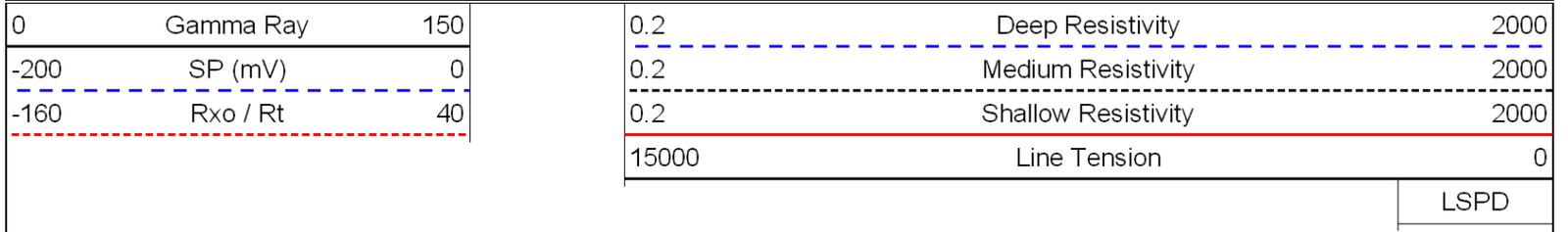


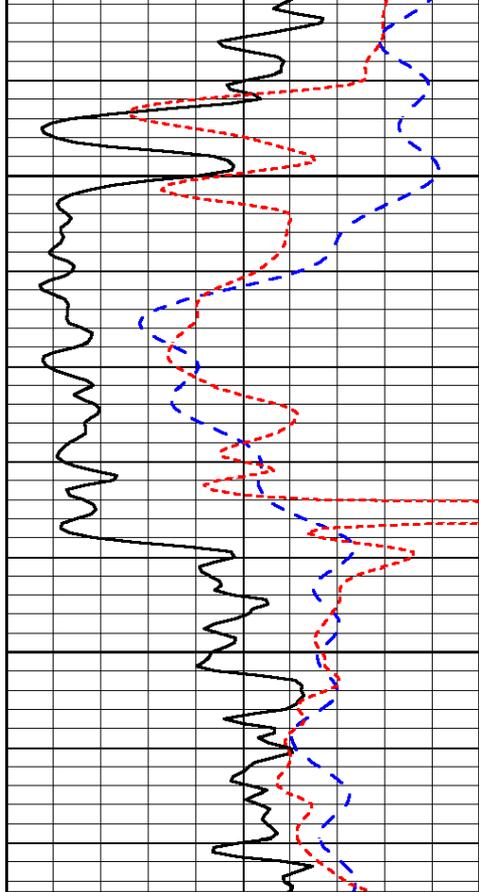






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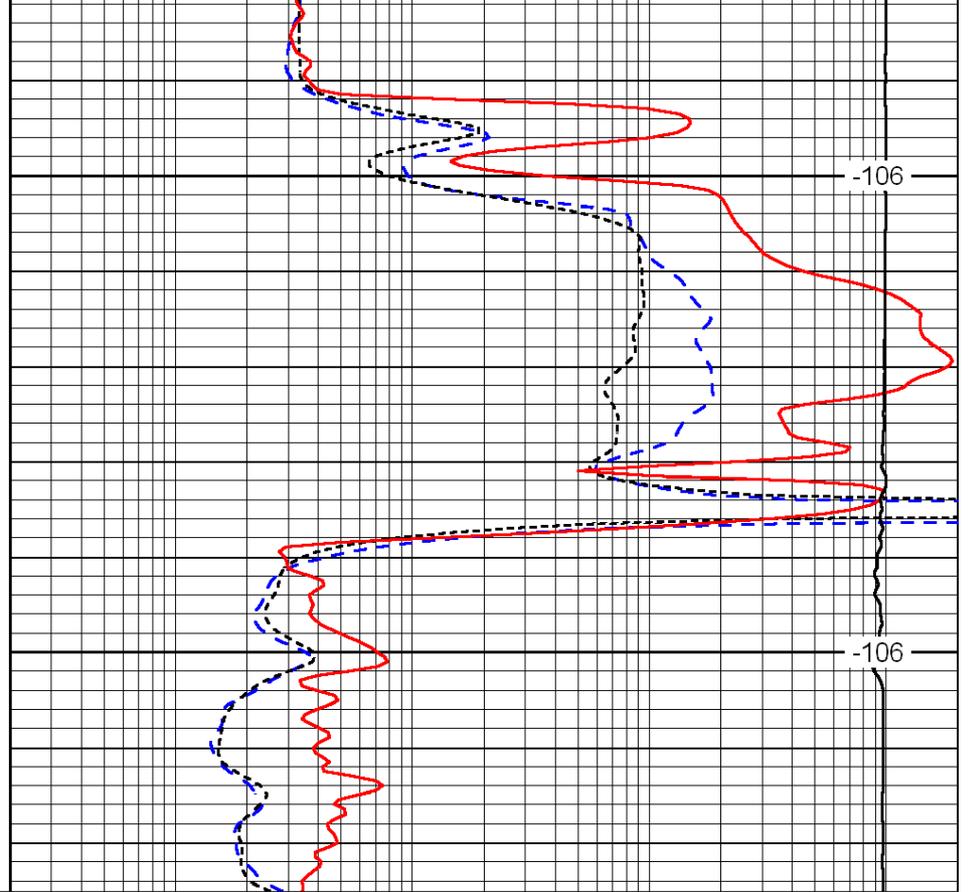




0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

1200

1250



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

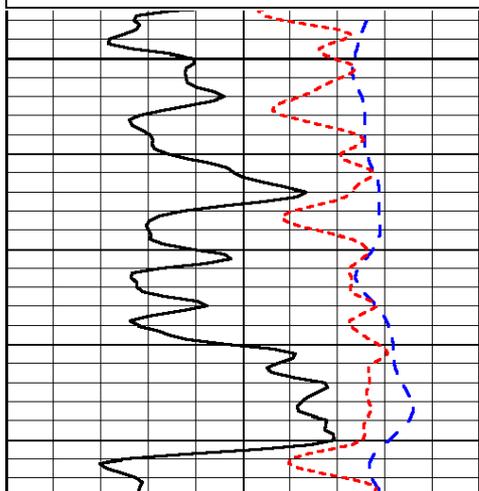
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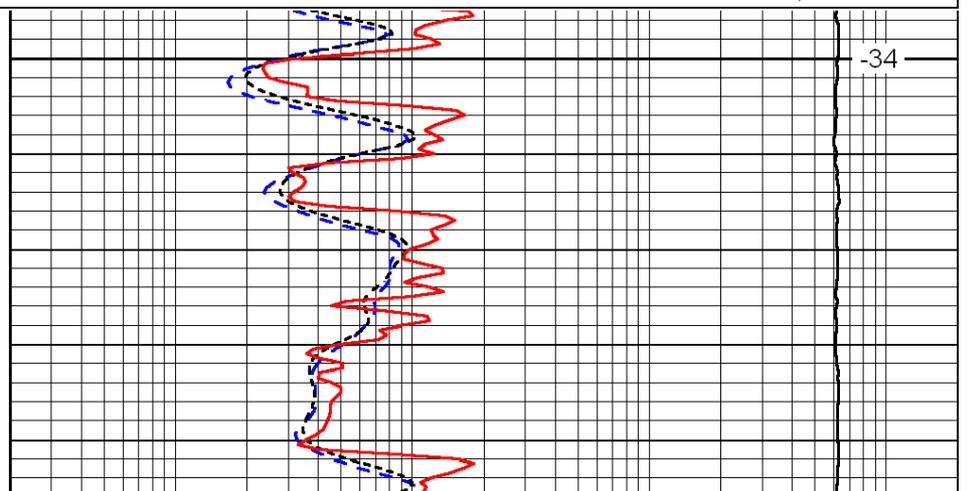
0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

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

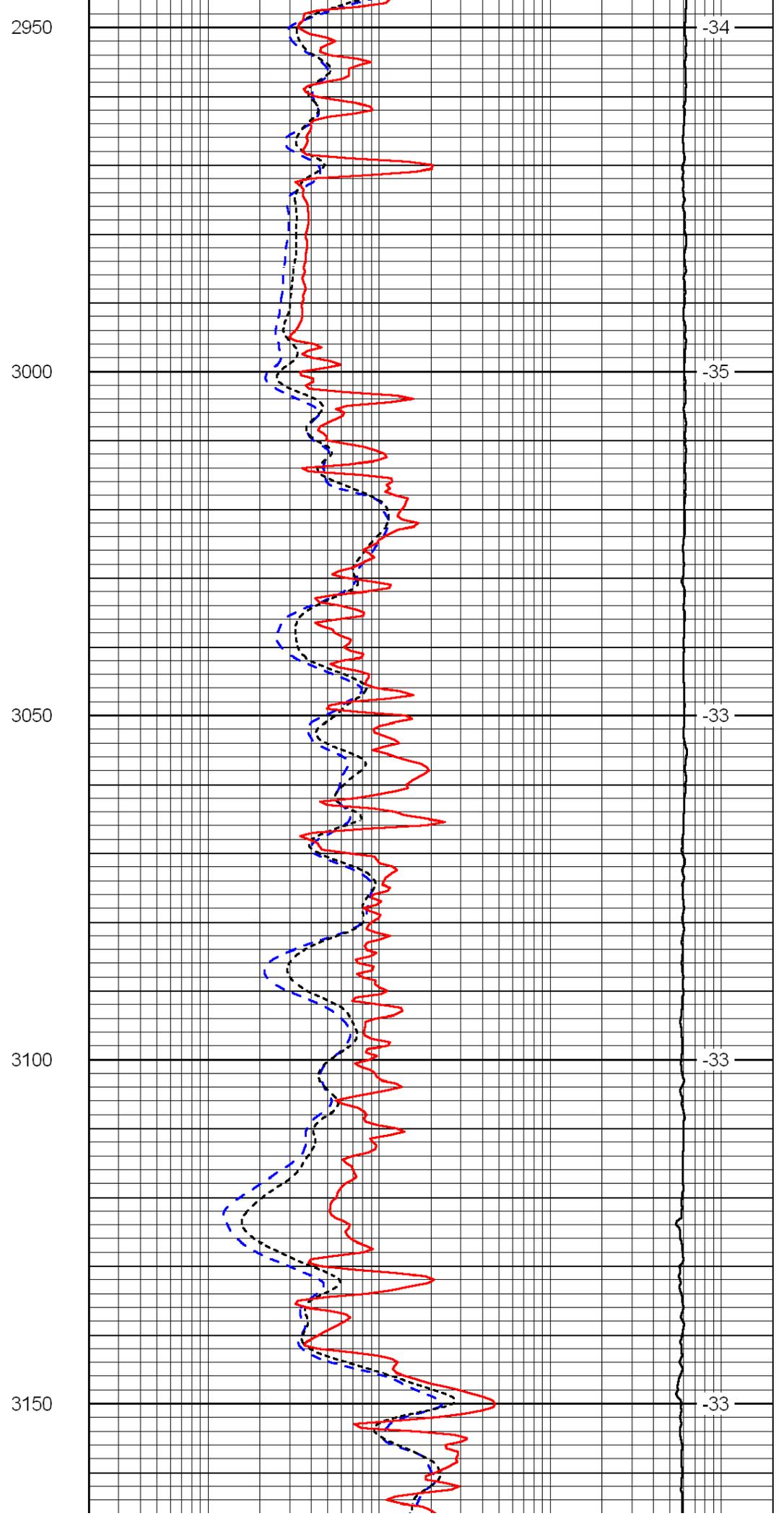
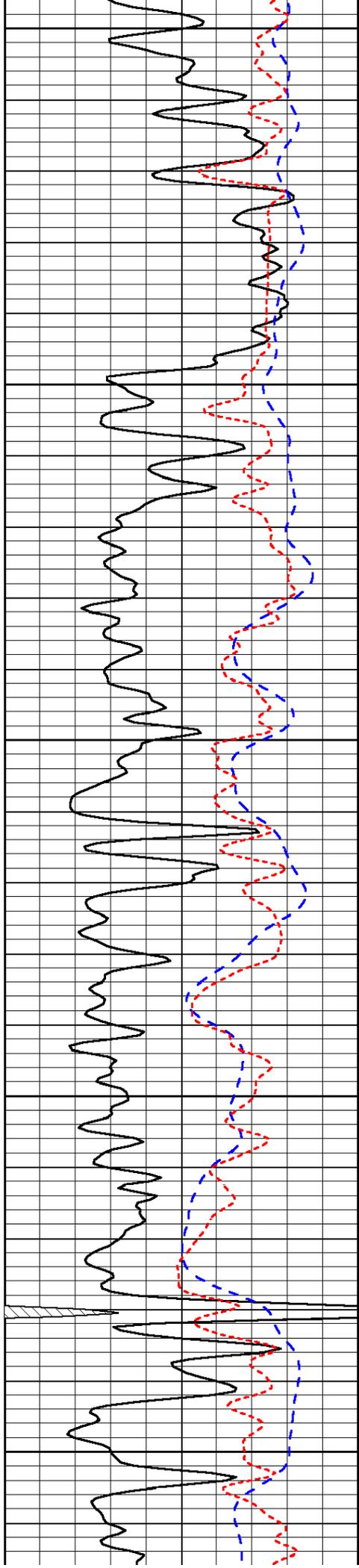
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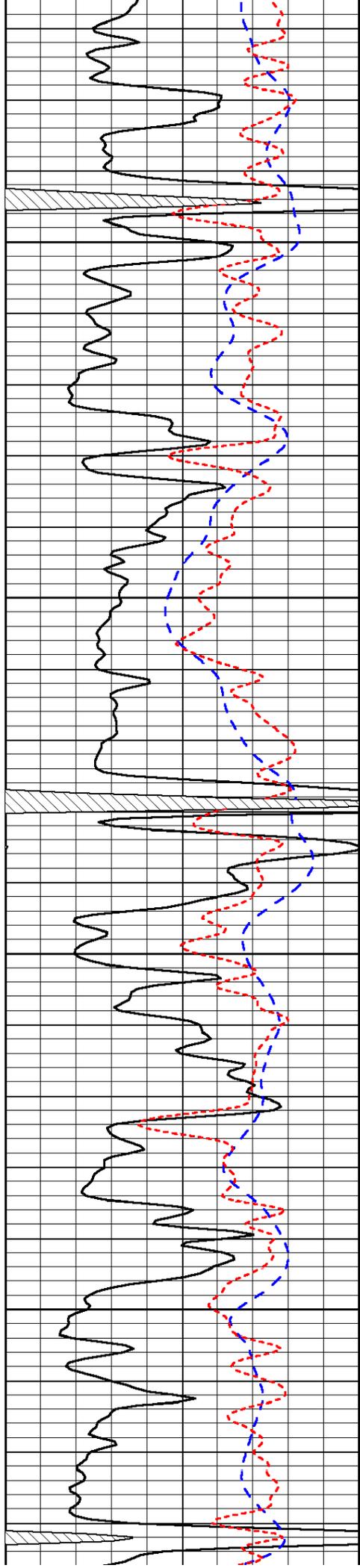


2900



-34



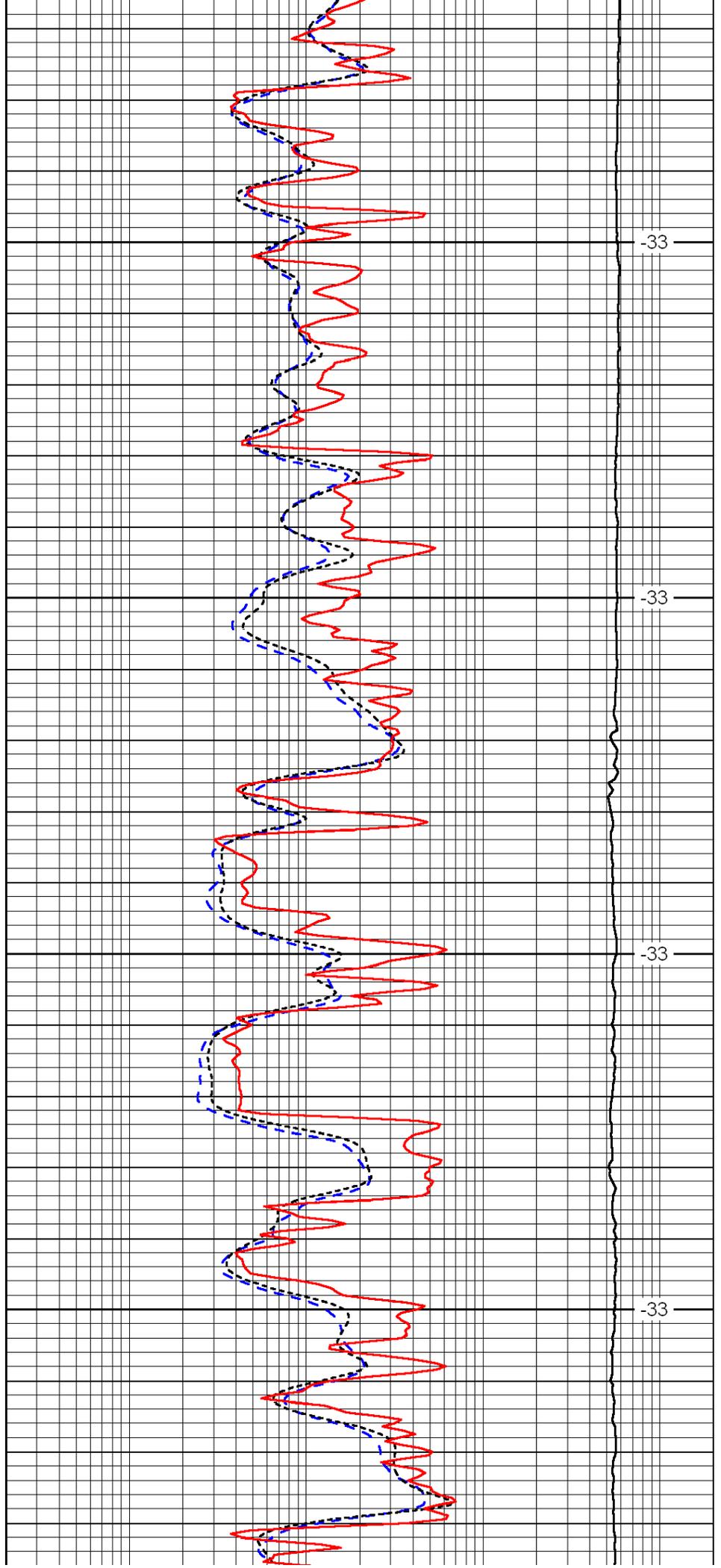


3200

3250

3300

3350

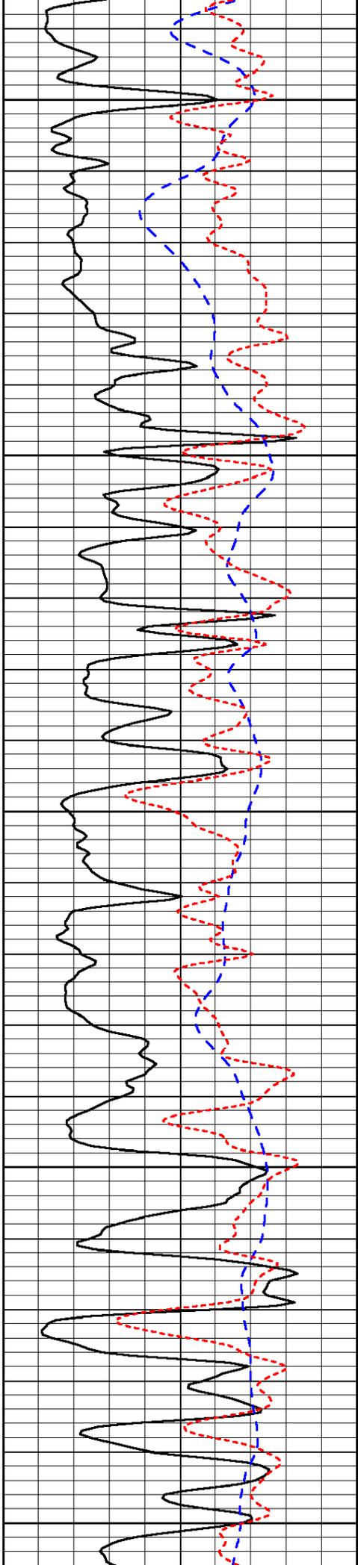


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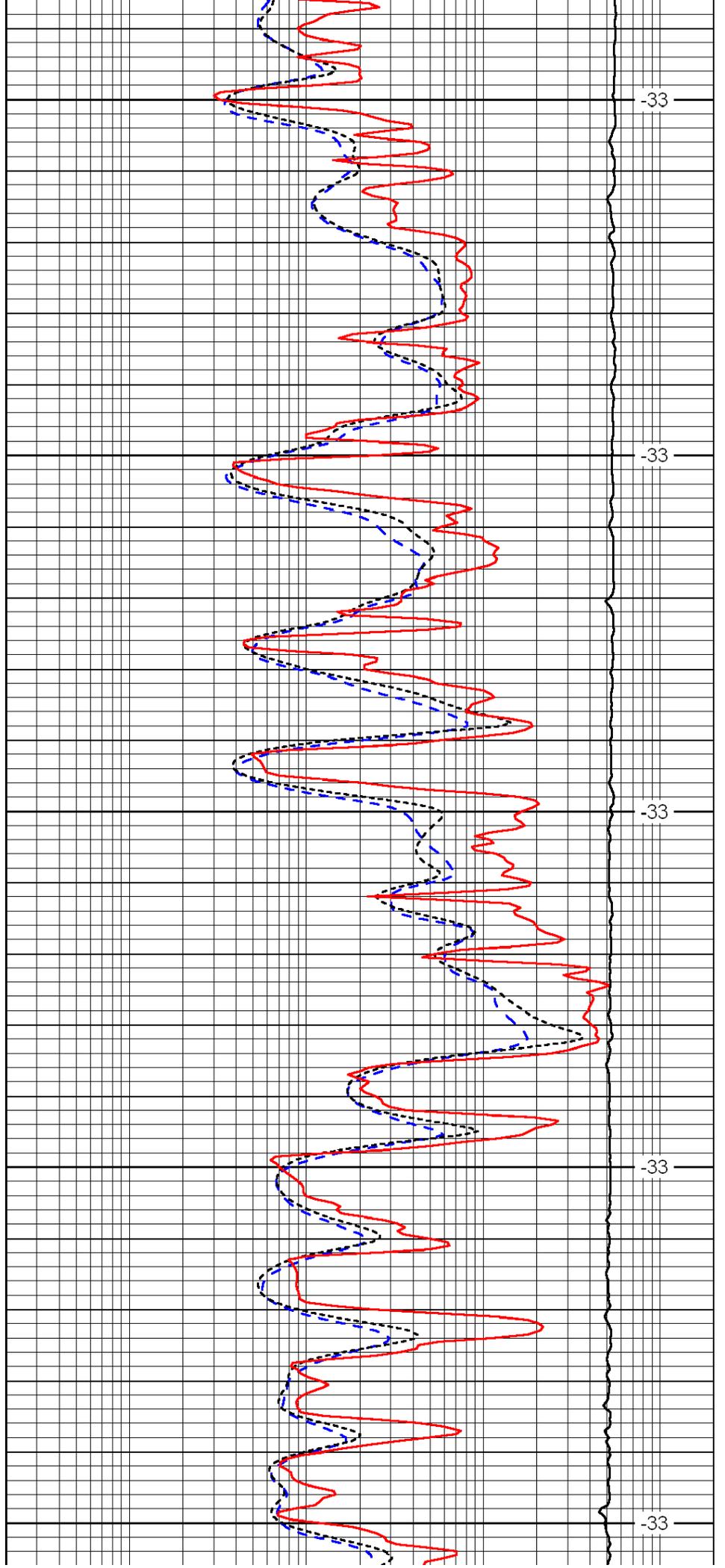
3400

3450

3500

3550

3600



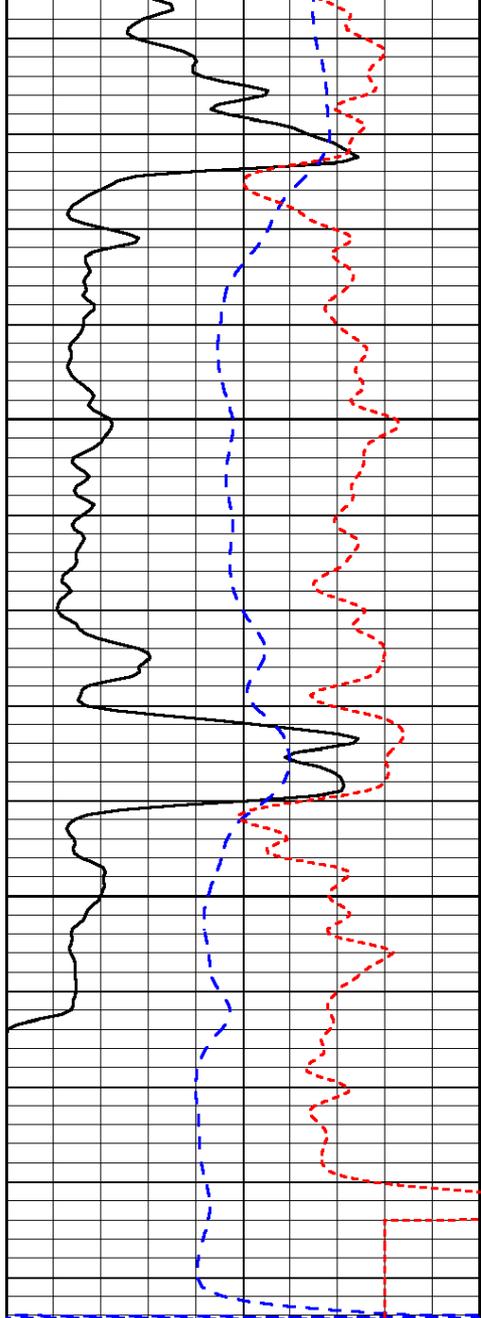
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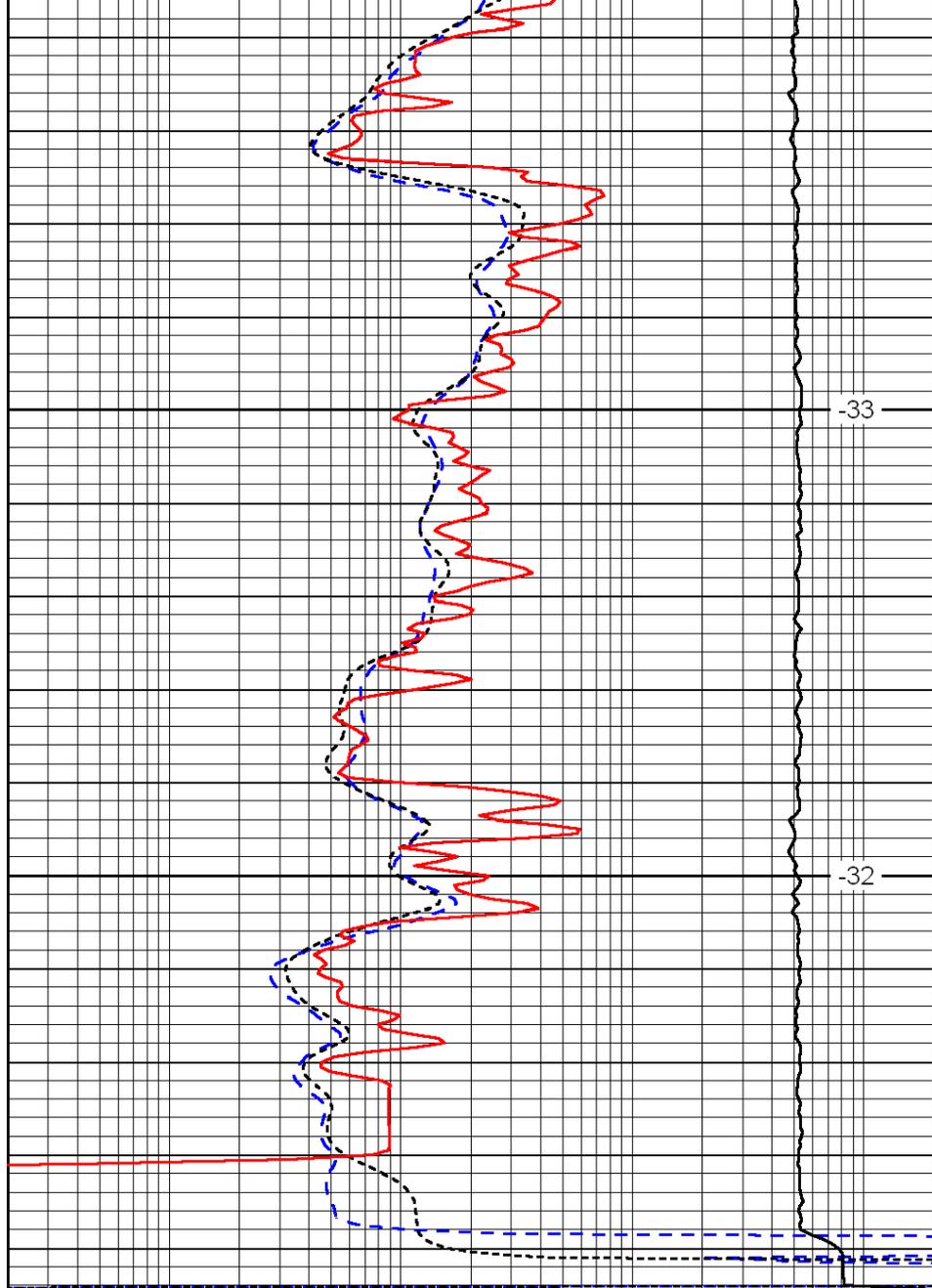
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0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

3650

3700



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

-33

-32

LSPD