



PIONEER

Pioneer Energy Services

Dual Induction Log

API No.	15-159-22,822-00-00	
Company	LEBSACK OIL PRODUCTION, INC.	
Well	BENSCH NO.2	
Field	GROVES	
County	RICE	State
		KANSAS
Location	2800' FNL & 990' FEL	
Sec: 33	Twp: 20S	Rge: 10W
Permanent Datum	GROUND LEVEL	Elevation 1717
Log Measured From	KELLY BUSHING	13 Ft. Above Perm. Datum
Drilling Measured From	KELLY BUSHING	
		Other Services CNL/CDL MEL
		Elevation K.B. 1730 D.F. 1717 G.L. 1717

Date	5/2/2015
Run Number	ONE
Depth Driller	3360
Depth Logger	3363
Bottom Logged Interval	3362
Top Log Interval	250
Casing Driller	8.625 @ 267
Casing Logger	272
Bit Size	7.875
Type Fluid in Hole	CHEMICAL
Salinity, ppm CL	4.700
Density / Viscosity	9.2 77
pH / Fluid Loss	11.5 7.2
Source of Sample	Flowline
Rm @ Meas. Temp	.7 @ 80
Rmf @ Meas. Temp	.53 @ 80
Rmc @ Meas. Temp	.95 @ 80
Source of Rmf / Rmc	Charts
Rm @ BHT	.51 @ 110
Operating Rig Time	3 1/2 HOURS
Max Rec. Temp. F	110
Equipment Number	51
Location	Hays
Recorded By	C. DESAIRE
Witnessed By	WAYNE LEBSACK

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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

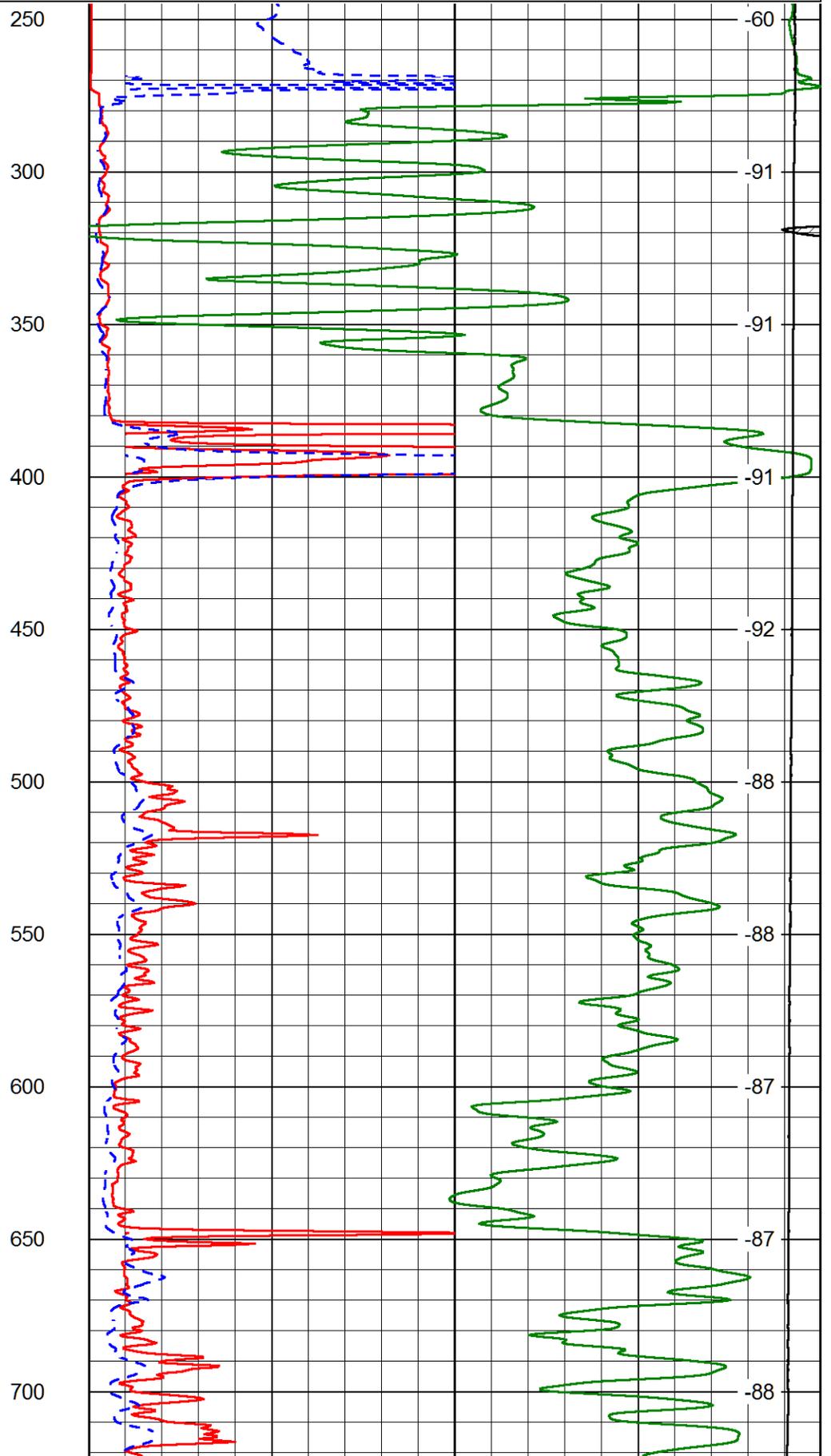
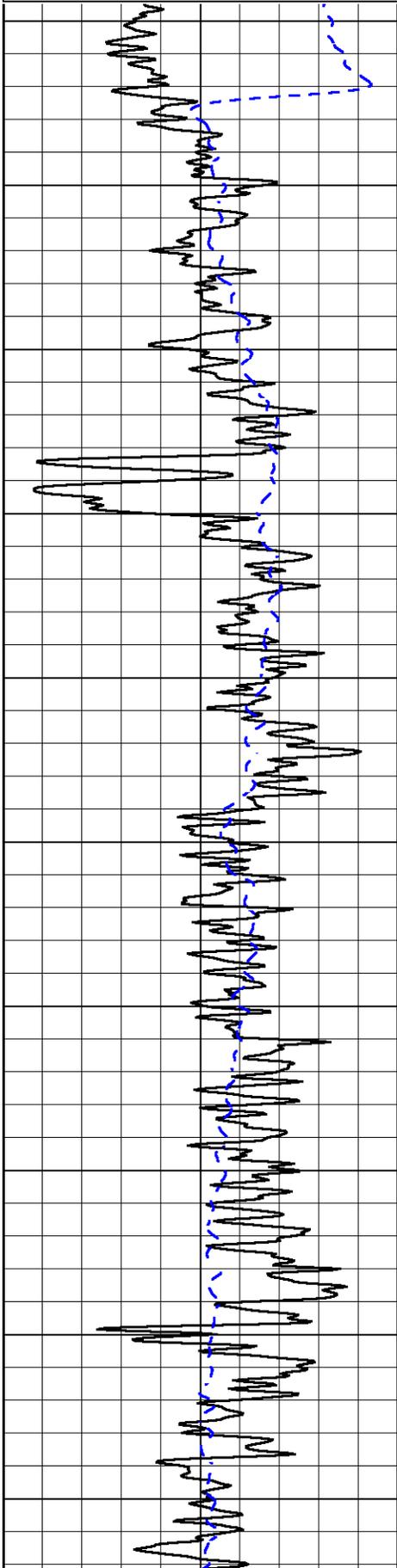
Thank you for using Pioneer Energy Services
785.625.3858

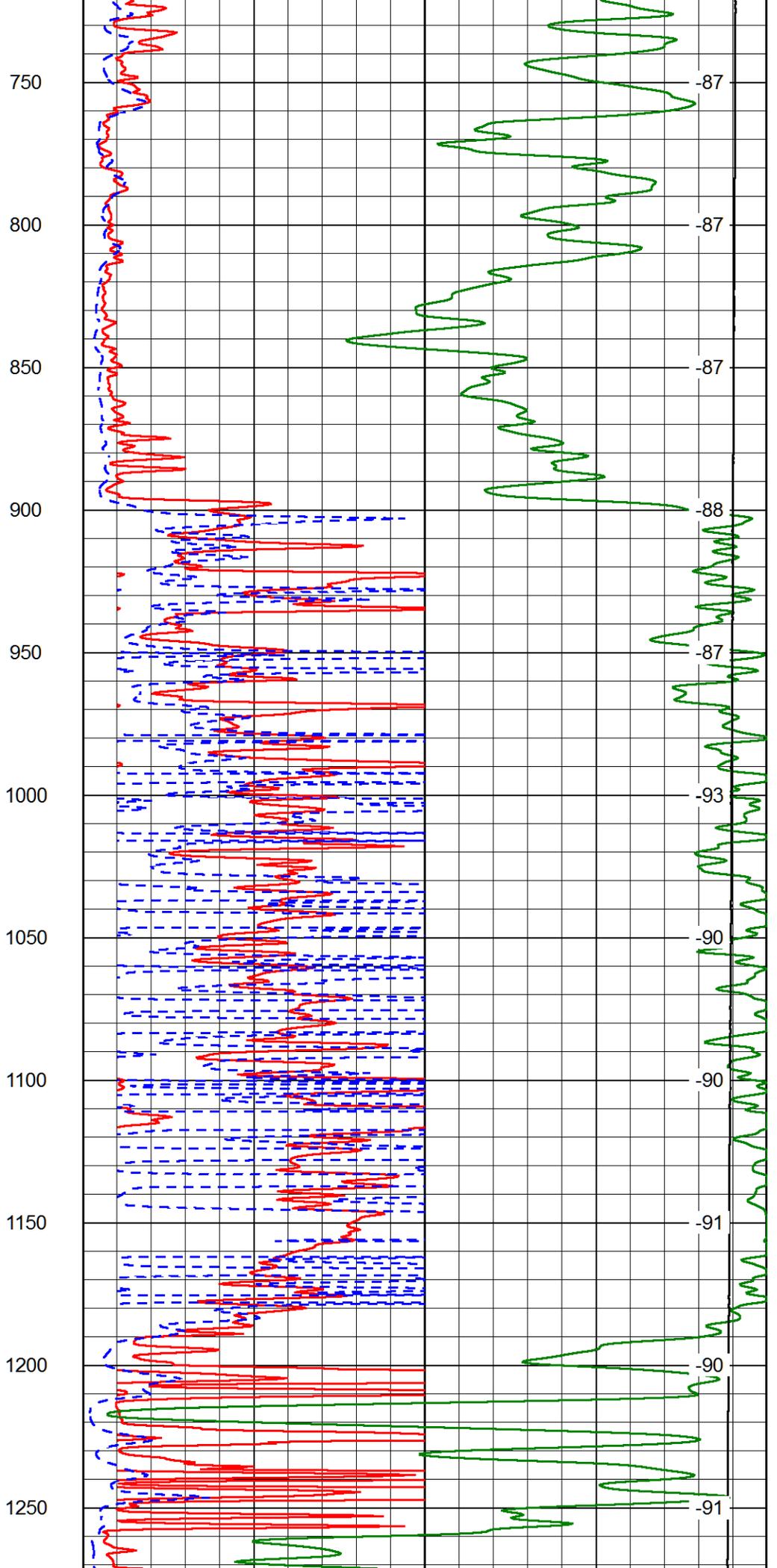
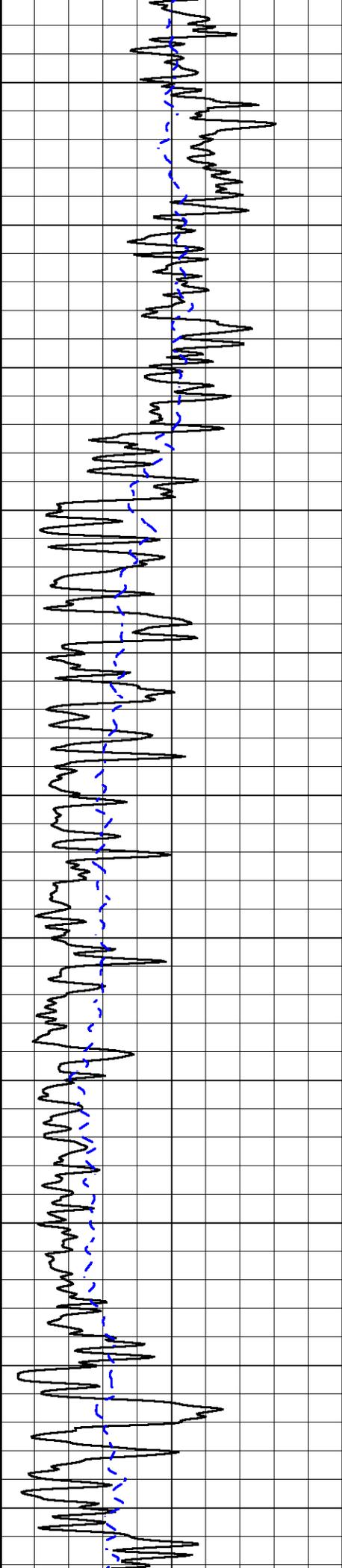
RAYMOND KS, 1/2 S, 1/2 W, S INTO

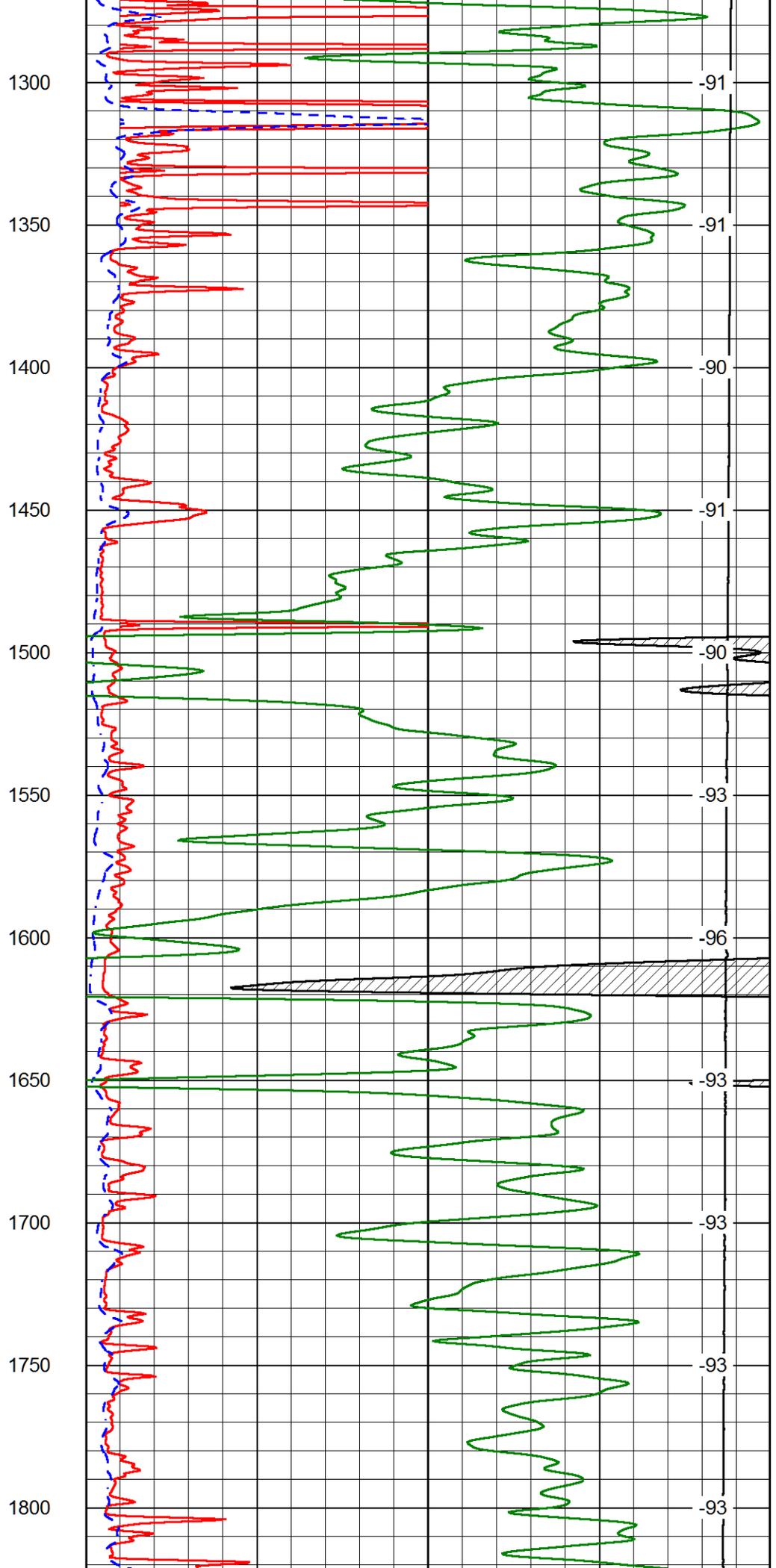
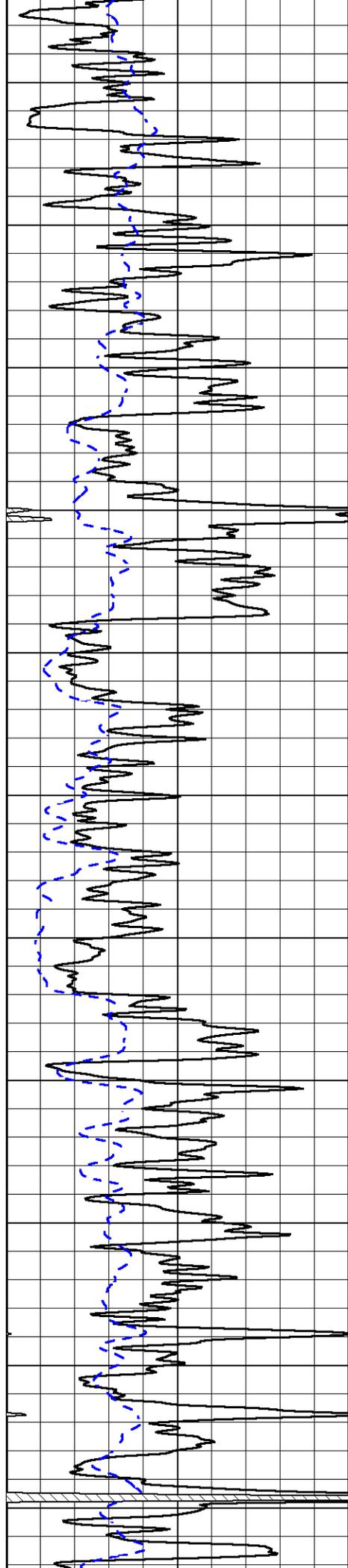
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Presentation Format	dil2in
Dataset Creation	Sat May 02 13:32:13 2015
Charted by	Depth in Feet scaled 1:600

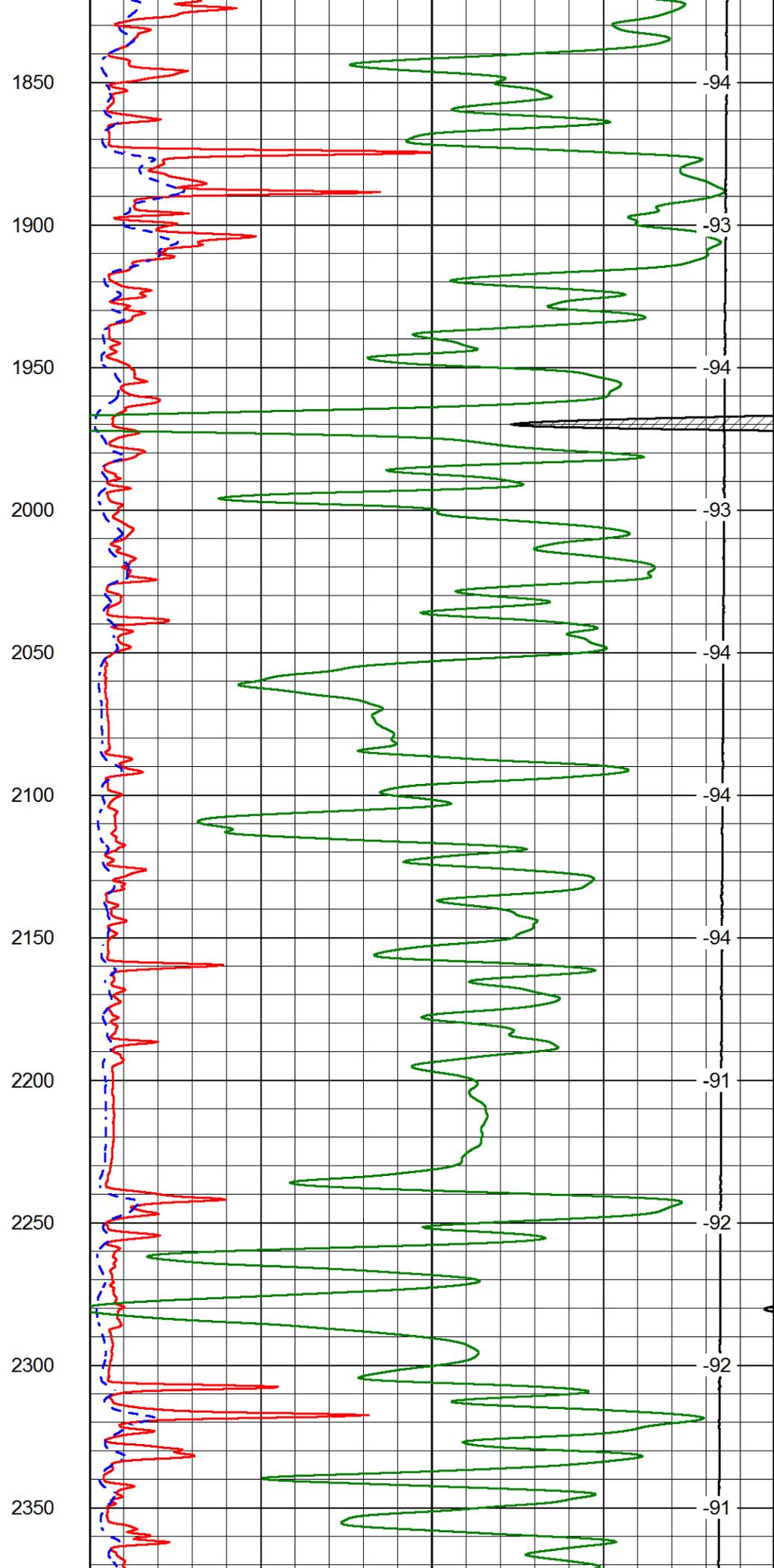
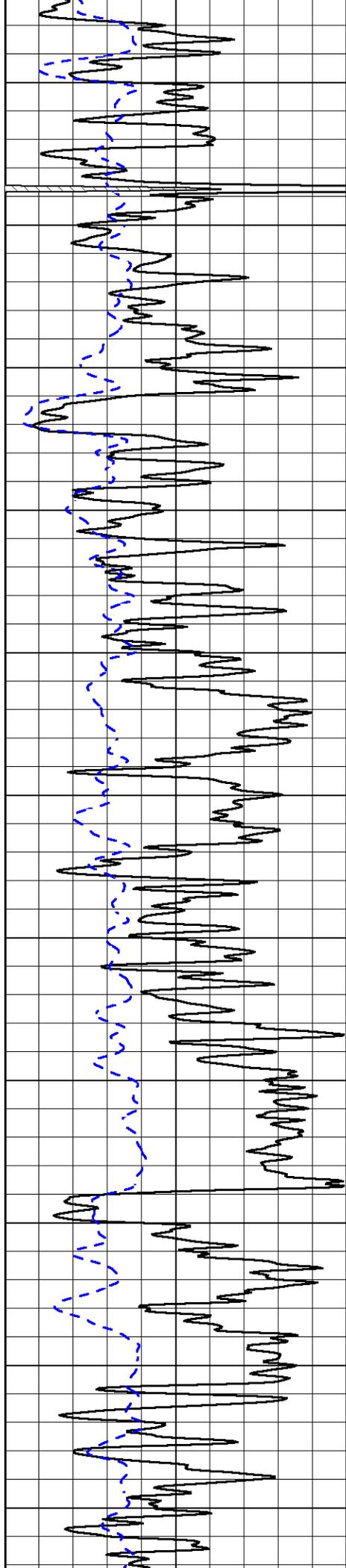
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-200	SP (mV)	0

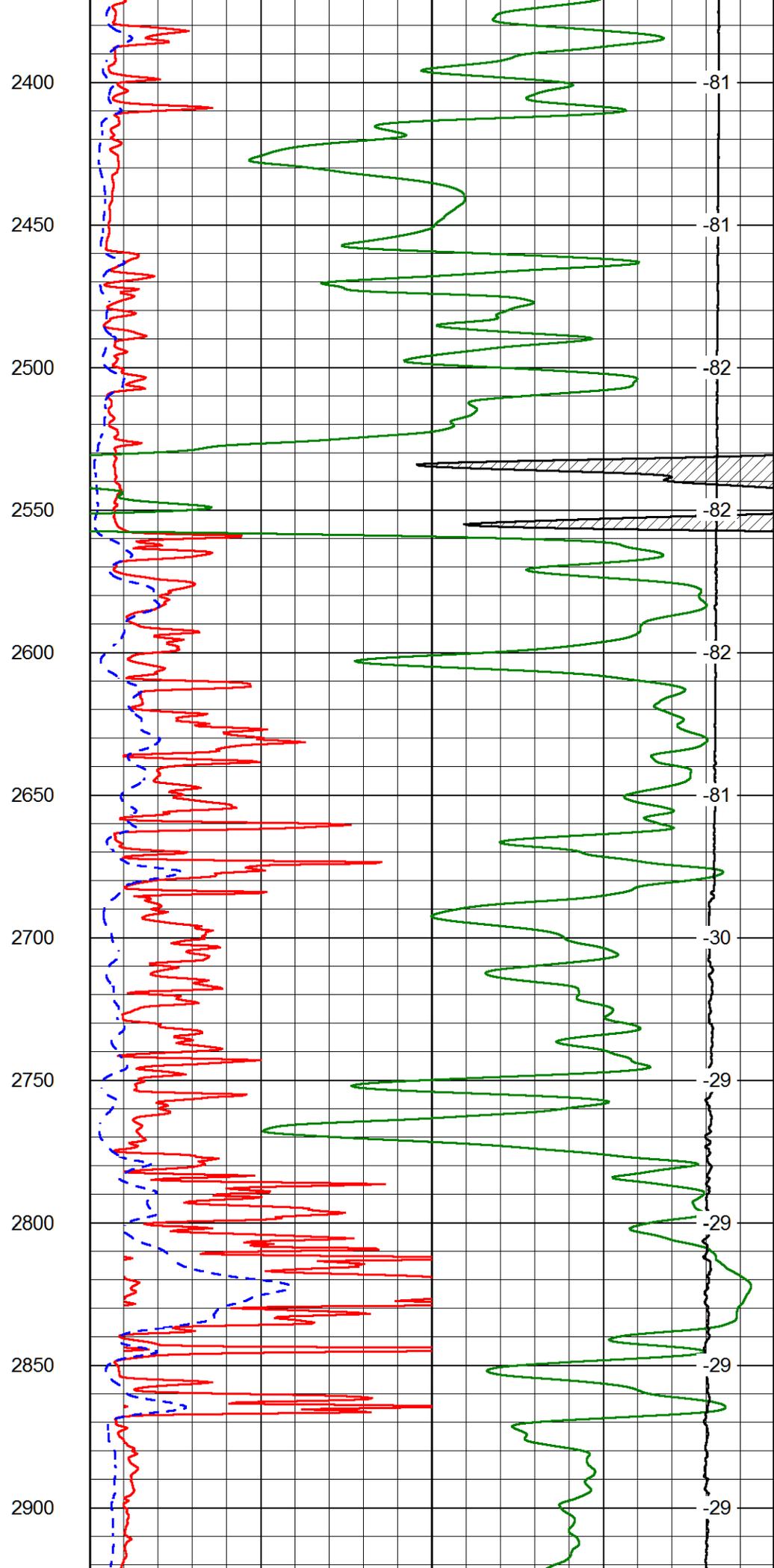
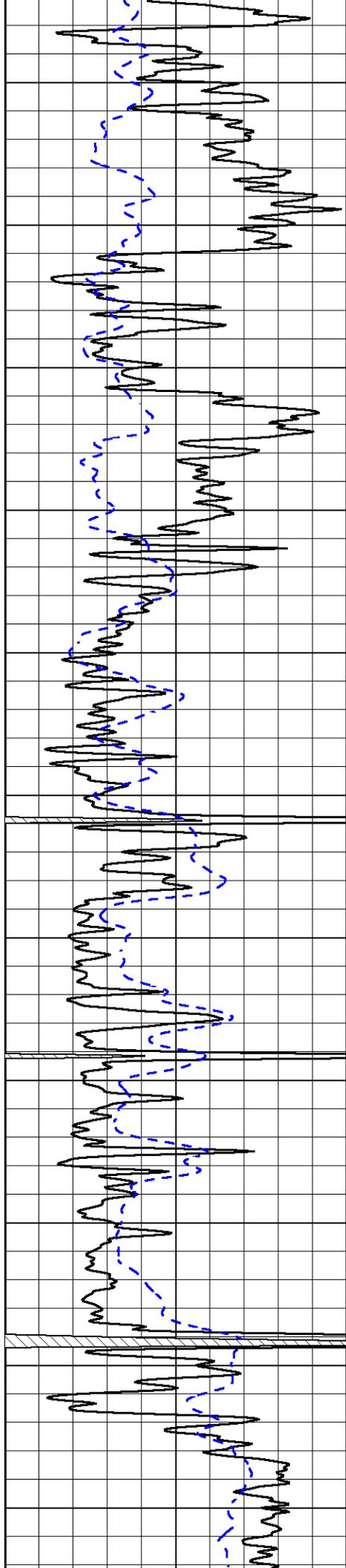
1000	Conductivity	0	
15000	Line Tension	0	
0	Shallow Resistivity	50	LSPD
0	Deep Resistivity	50	
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50	Deep Resistivity	500	

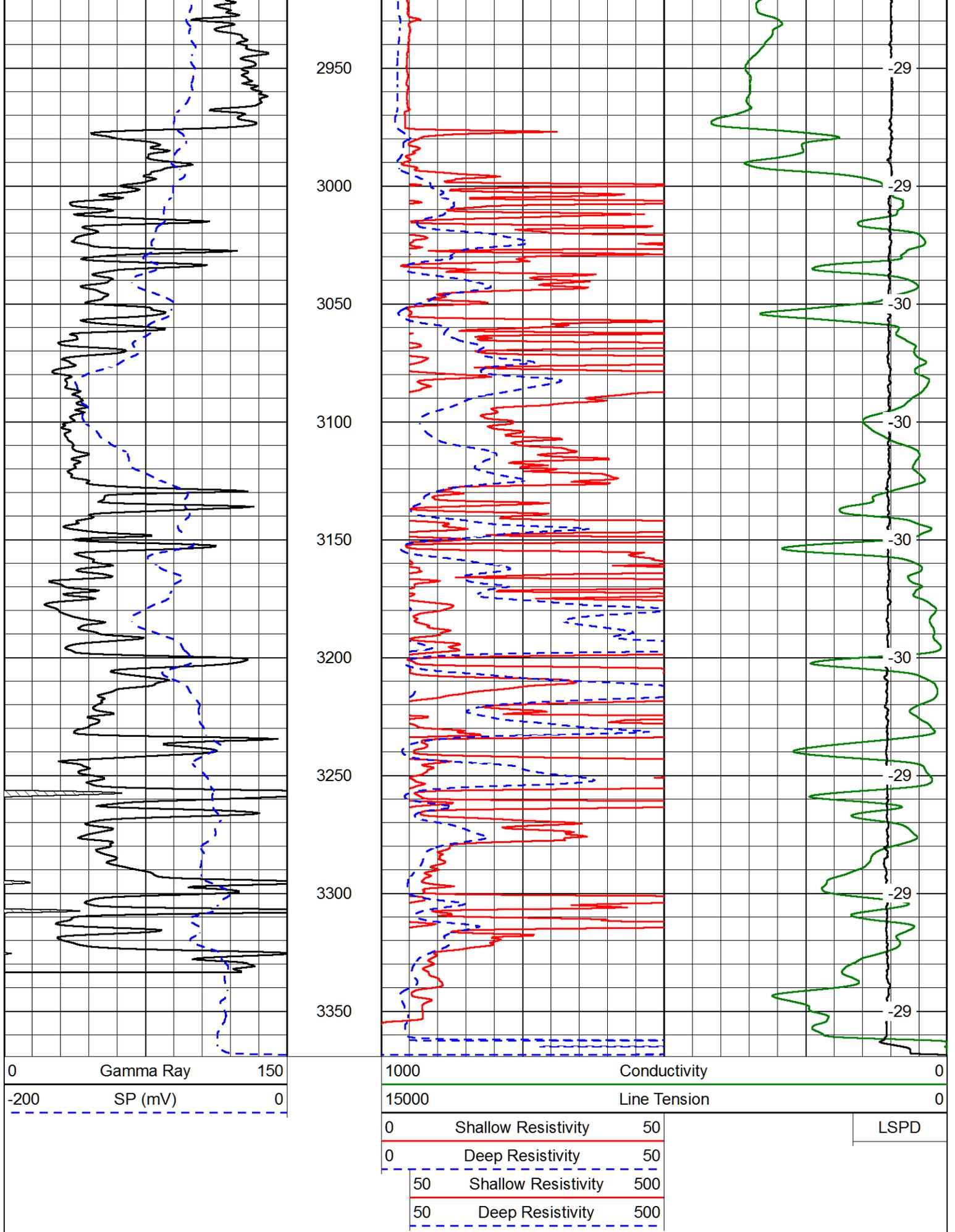










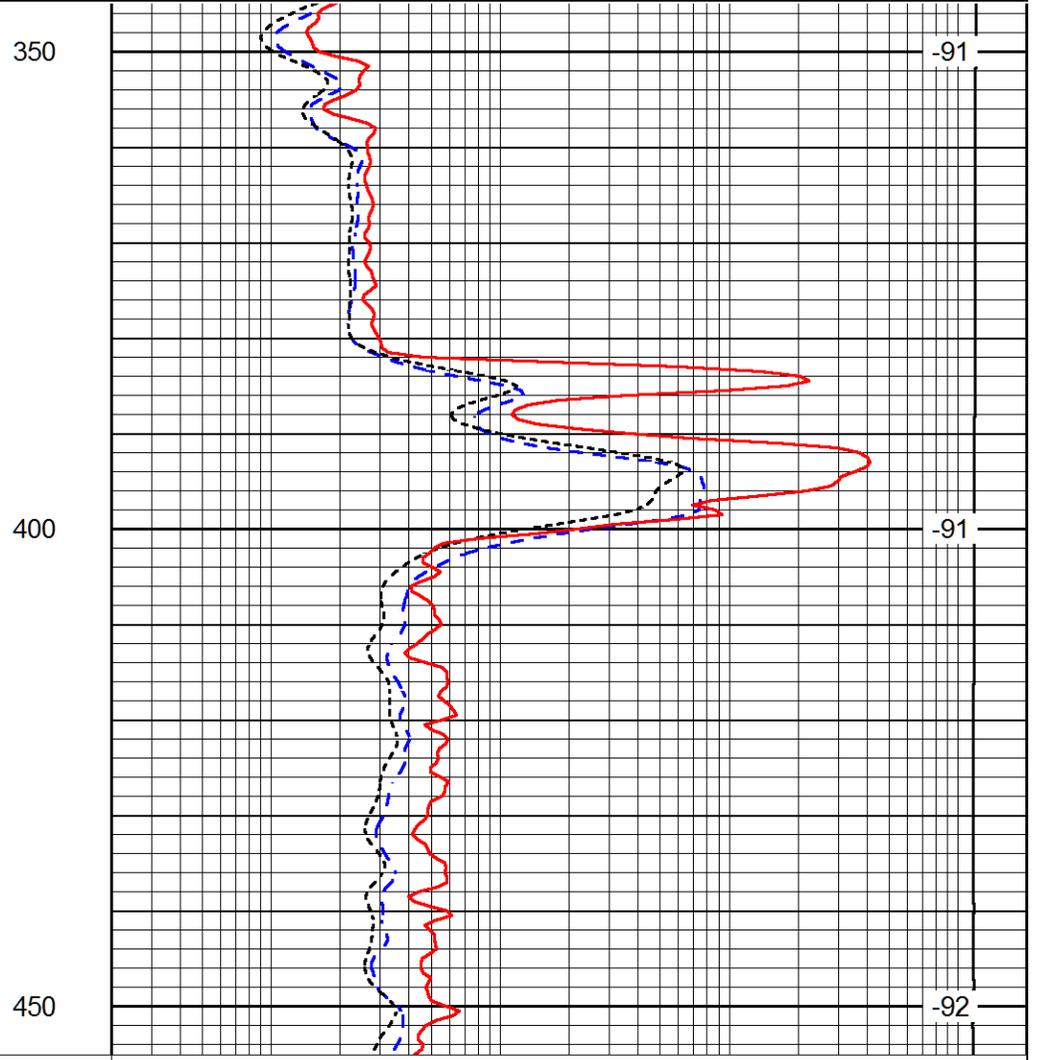
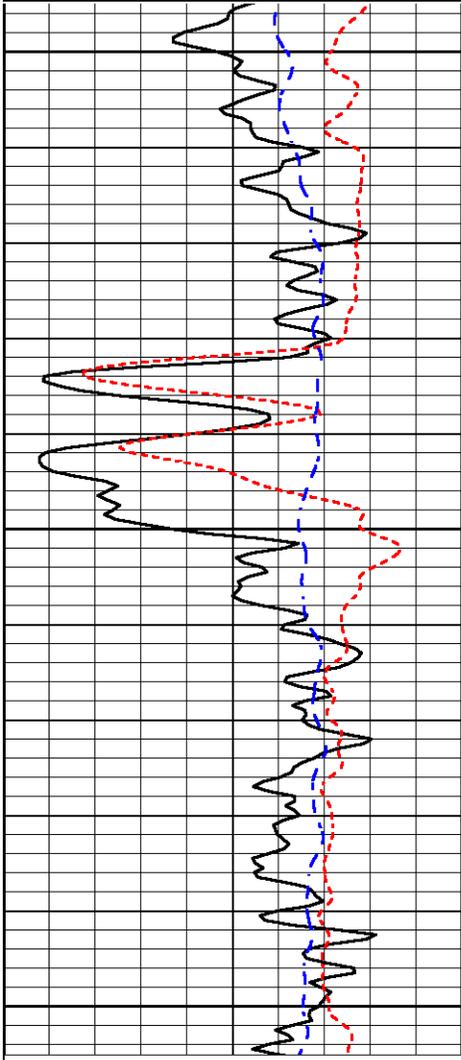


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-160	RxoRt	40
-200	SP (mV)	0

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

LSPD



0	Gamma Ray	150
-160	RxoRt	40
-200	SP (mV)	0

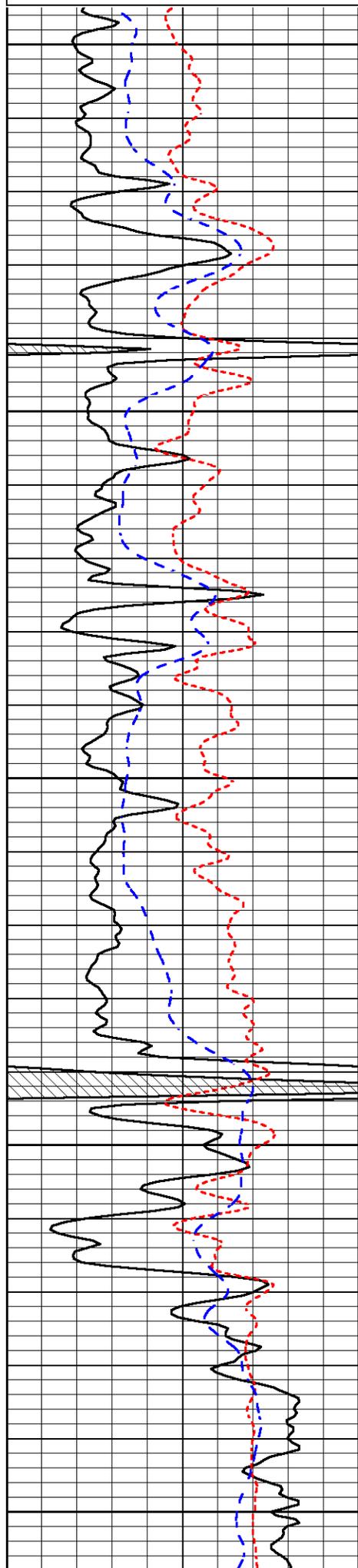
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0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

LSPD

Database File lebhd.db
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 Dataset Creation Sat May 02 13:32:13 2015
 Charted by Depth in Feet scaled 1:240

0	Gamma Ray	150
-160	RxoRt	40
-200	SP (mV)	0

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



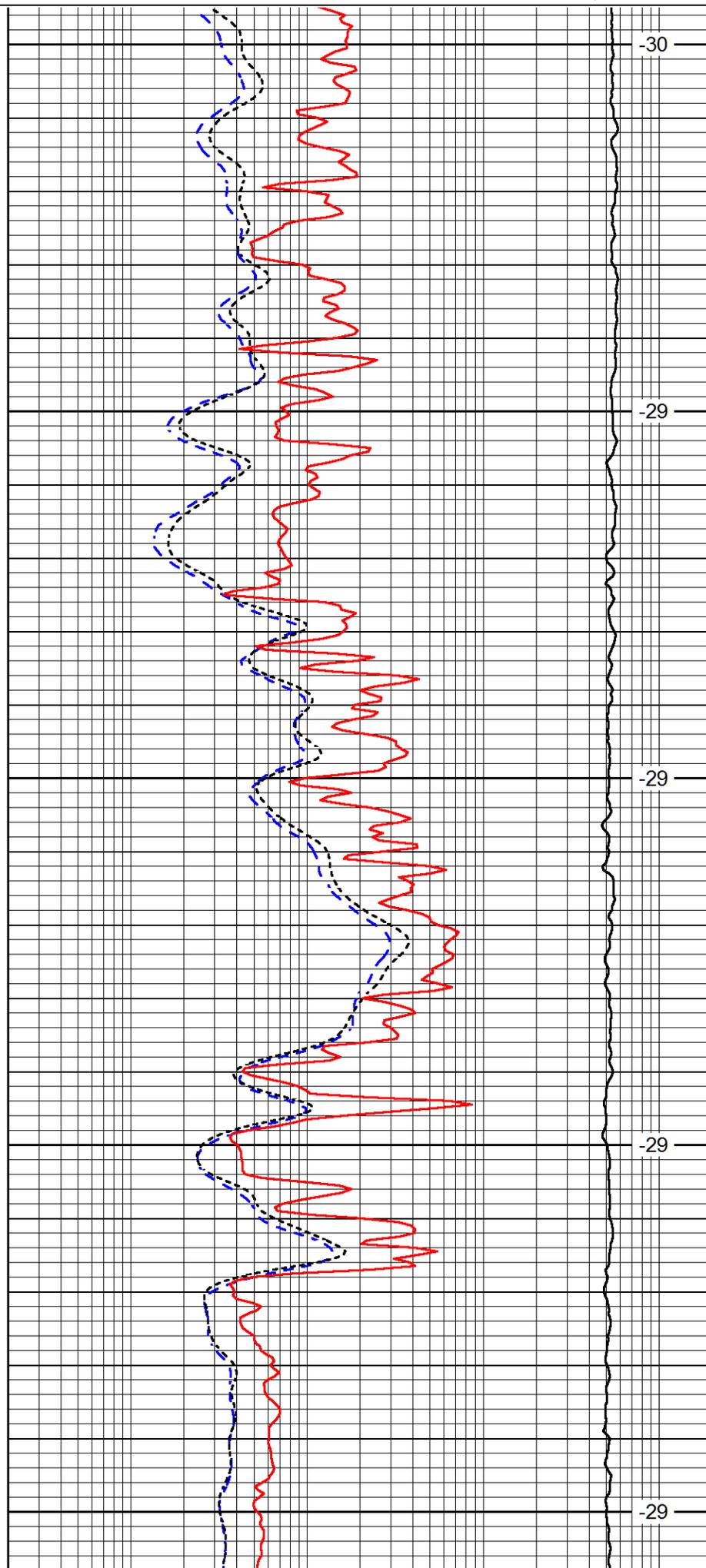
2700

2750

2800

2850

2900



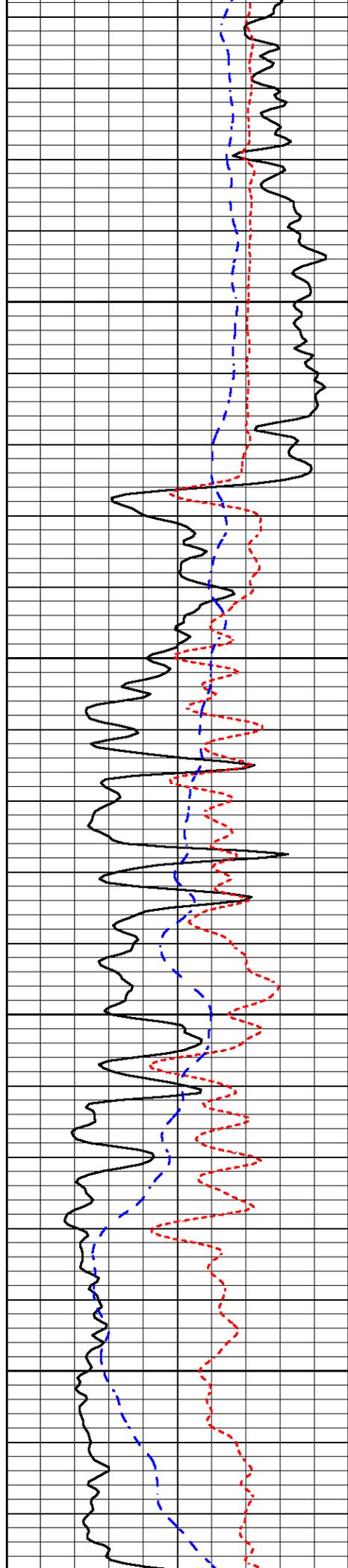
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-29

-29

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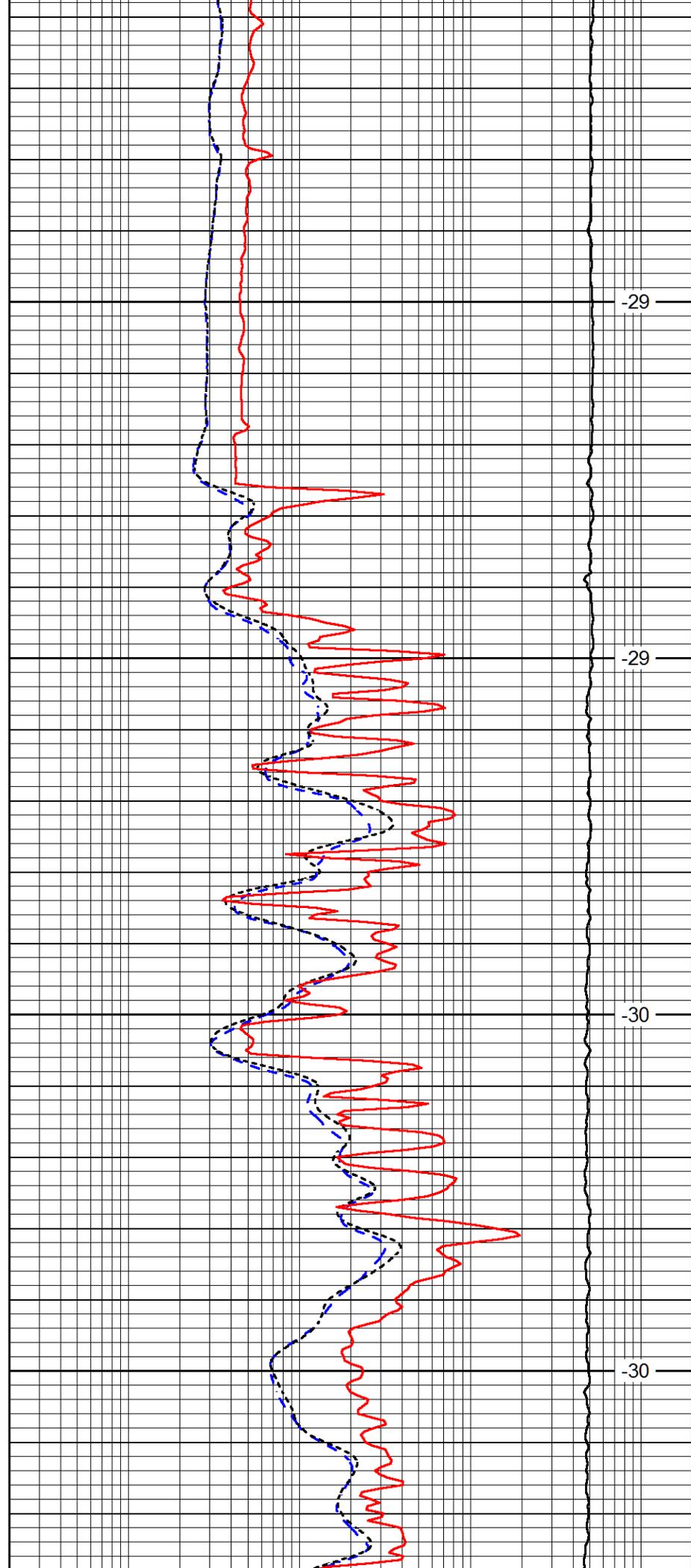


2950

3000

3050

3100

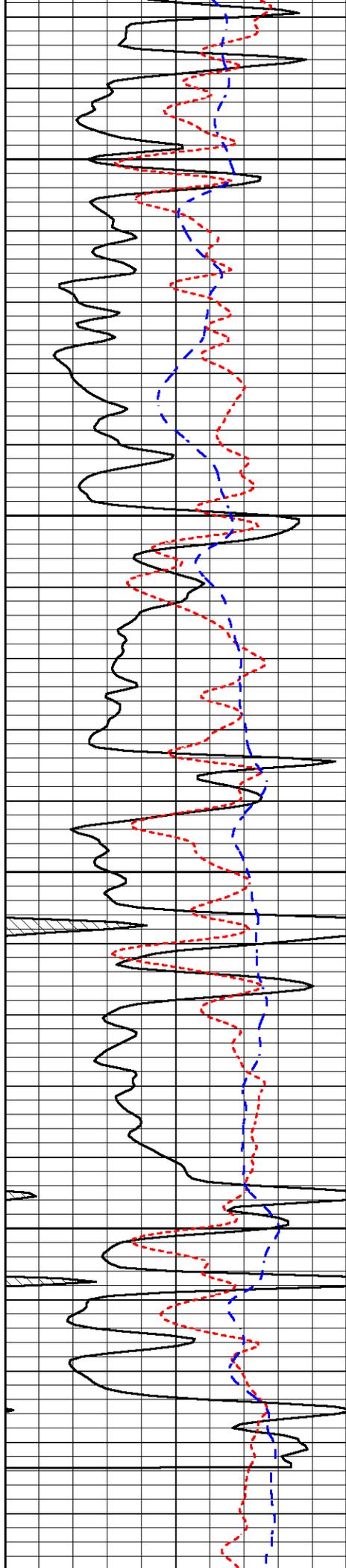


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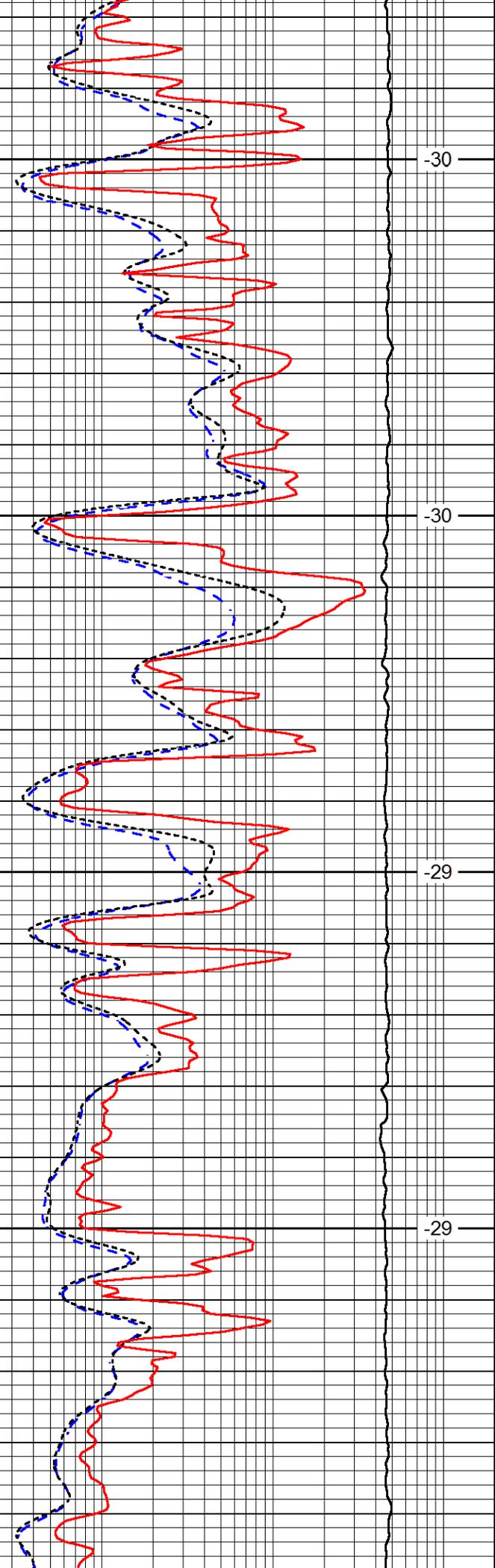


3150

3200

3250

3300

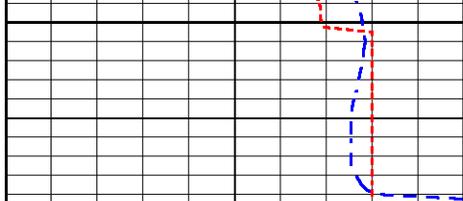


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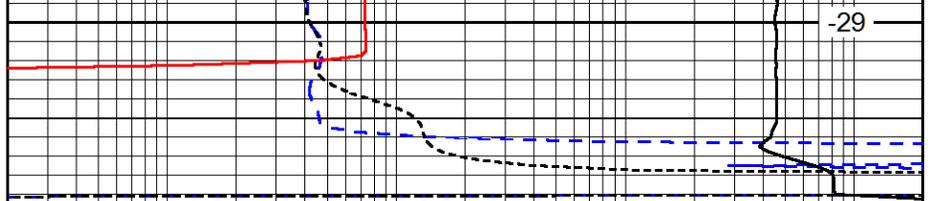
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-29



3350



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