



Dual Induction Log

Pioneer Energy Services

API No.	Company Trans Pacific Oil Corporation		
	Well Sunley Unit A #1-28		
	Field Kraus		
	County Ellis	State	Kansas
15-051-26754-00-00	Location 1250' FNL & 2800' FEL	Other Services CNL/CDL MEL	
	Sec: 28	Twp: 14S	Rge: 19W
	Permanent Datum Ground Level	Elevation 2176	
	Log Measured From Kelly Bushing	5 Ft. Above Perm. Datum	K.B. 2181
	Drilling Measured From Kelly Bushing		D.F. 2176
			G.L. 2176
Date	11/24/2014		
Run Number	One		
Depth Driller	3789		
Depth Logger	3787		
Bottom Logged Interval	3786		
Top Log Interval	200		
Casing Driller	8.625 @ 233		
Casing Logger	234		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	3000		
Density / Viscosity	9.2 54		
pH / Fluid Loss	10.5 7.4		
Source of Sample	Flowline		
Rm @ Meas. Temp	0.80 @ 55		
Rmf @ Meas. Temp	0.60 @ 55		
Rmc @ Meas. Temp	1.08 @ 55		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.39 @ 114		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	114		
Equipment Number	91		
Location	Hays		
Recorded By	D. Schmidt		
Witnessed By	Brad Rine		

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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

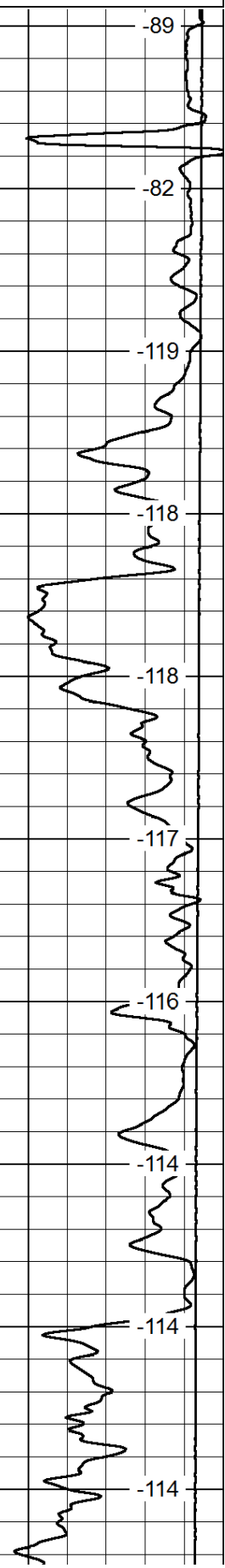
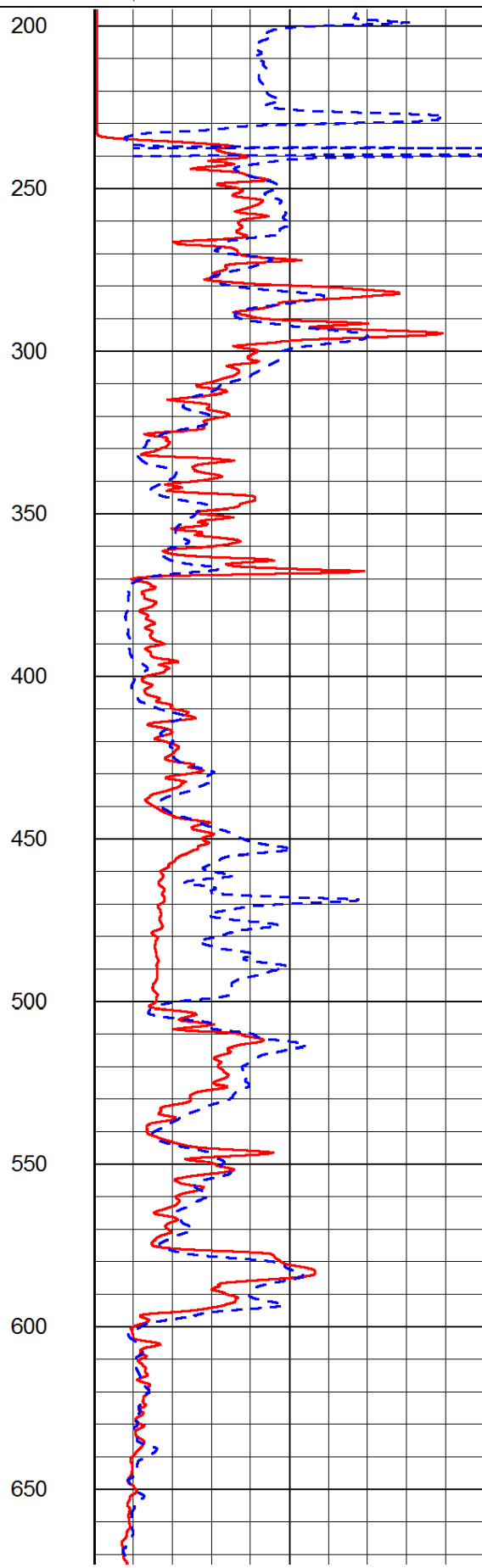
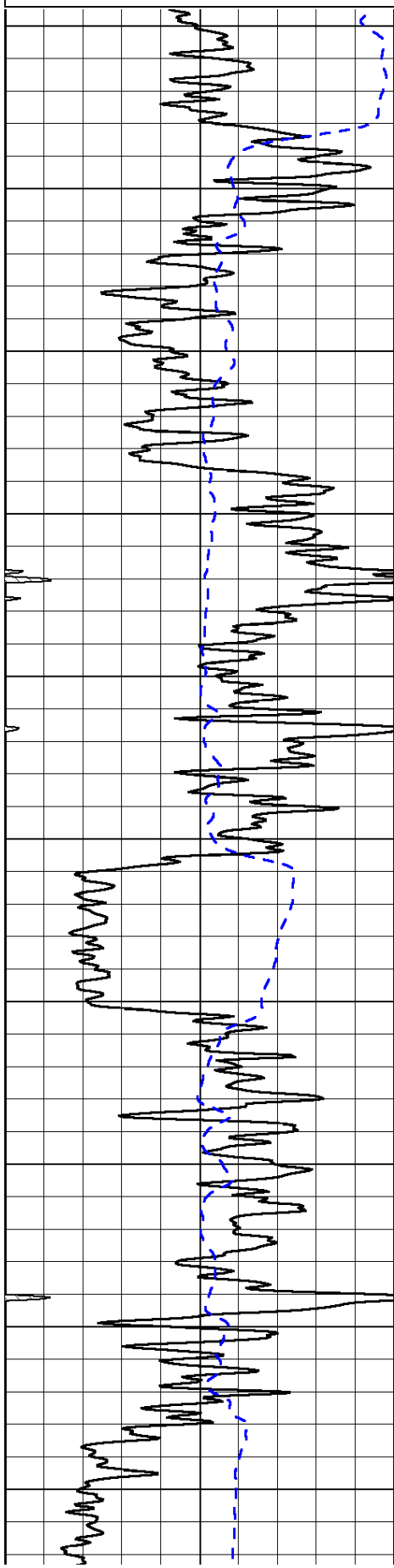
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858
Hays,
South on 240th to Mt. Pleasant Rd,
5 West to Yocemento Rd, 1 South, 1/2 West,
South into

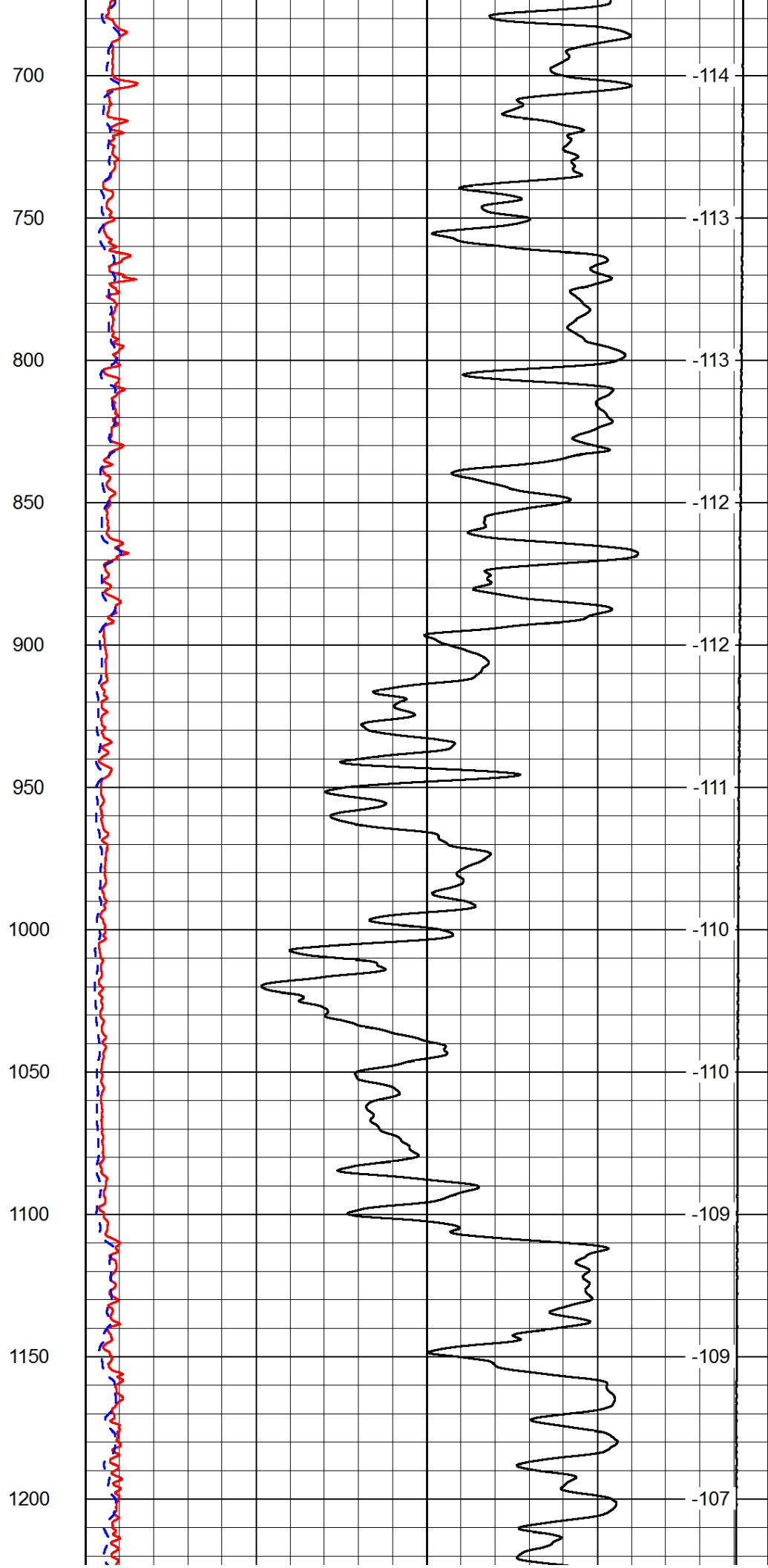
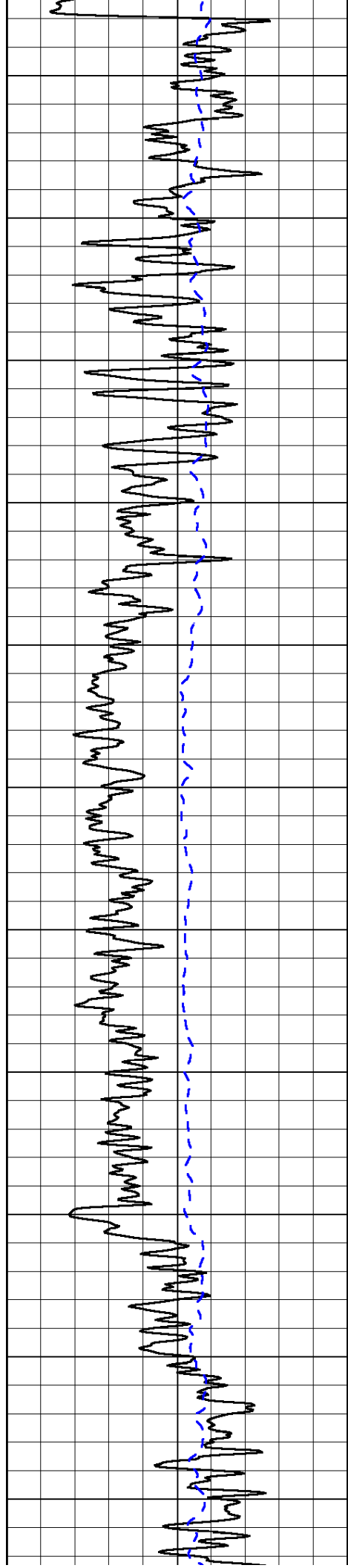
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Presentation Format: dil2in
Dataset Creation: Mon Nov 24 22:27:00 2014
Charted by: Depth in Feet scaled 1:600

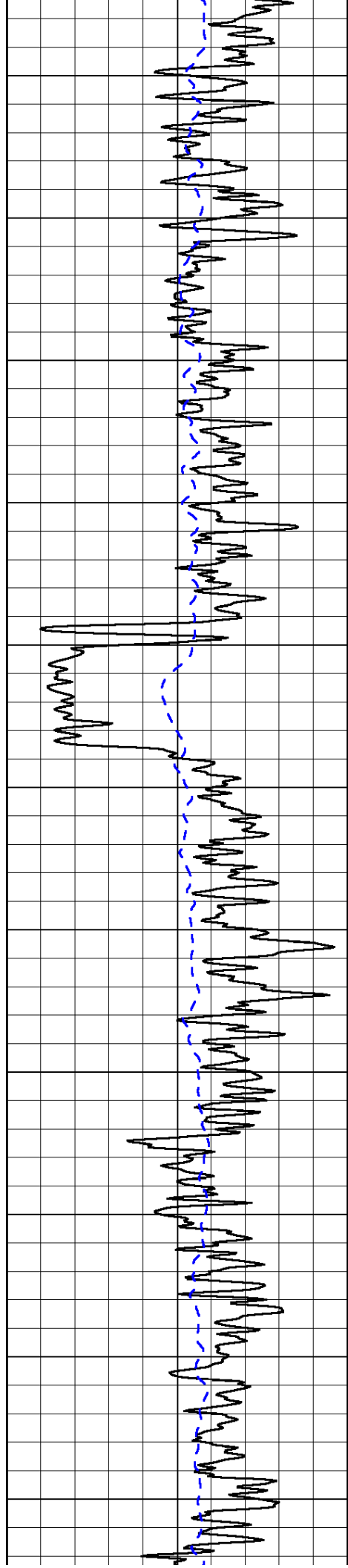
0	Gamma Ray	150
-200	SP (mV)	0

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
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1250

1300

1350

1400

1450

1500

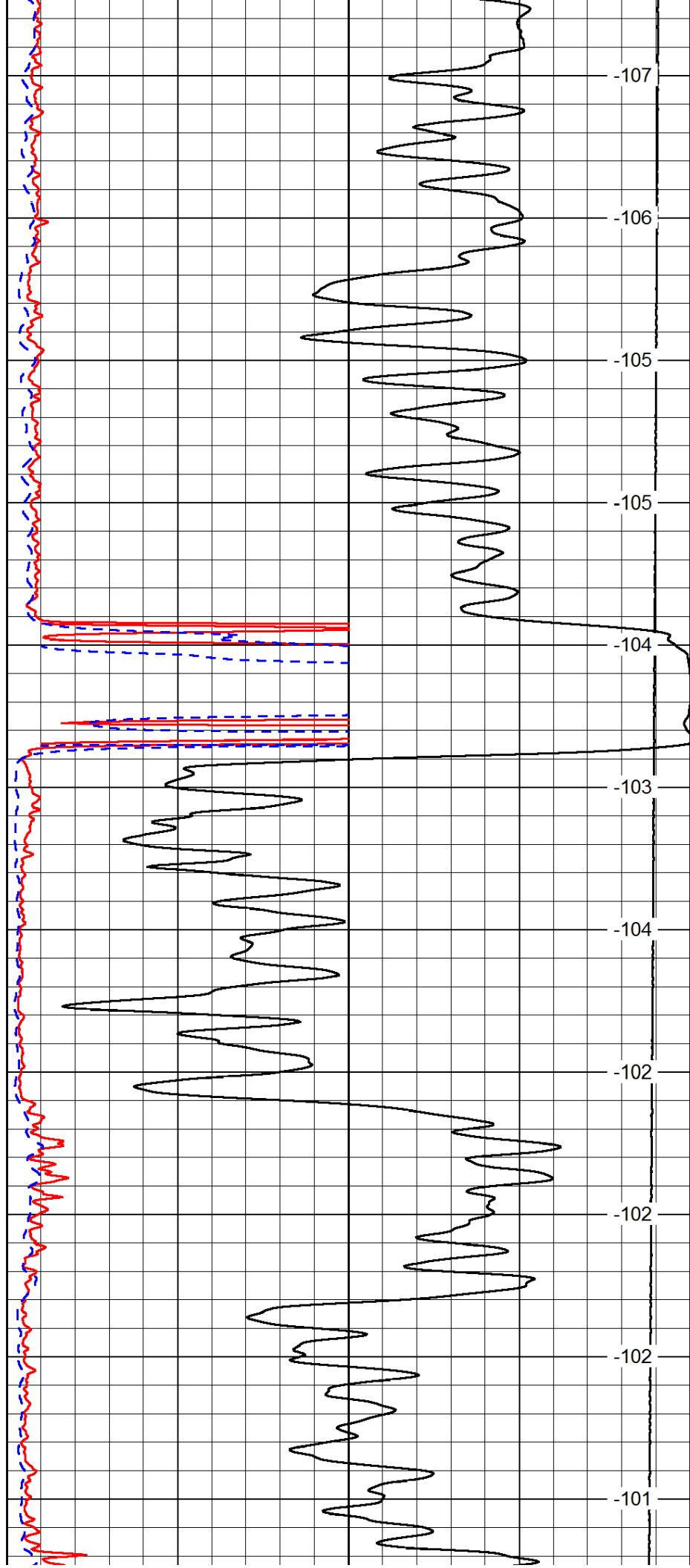
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1600

1650

1700

1750



-107

-106

-105

-105

-104

-103

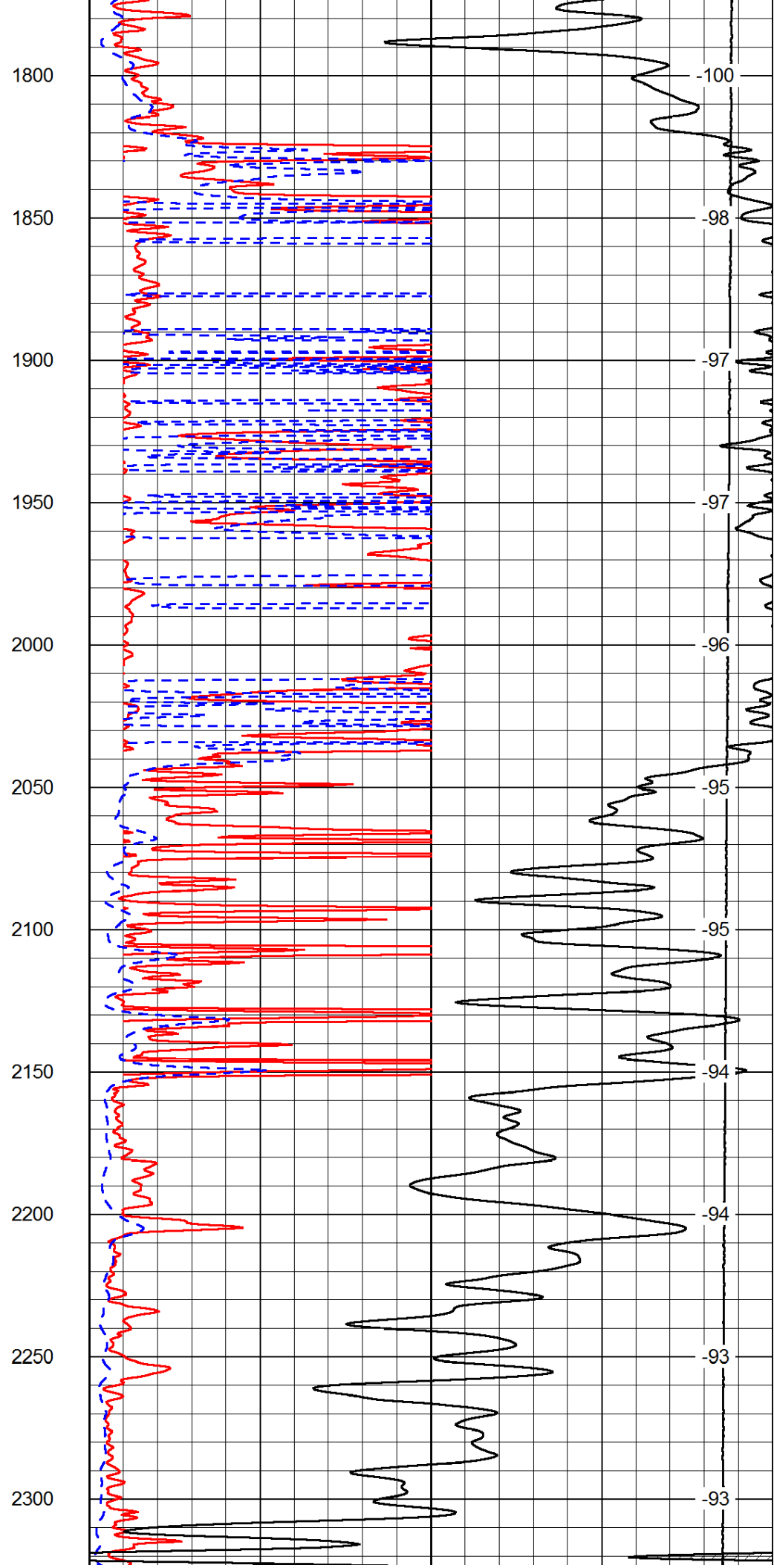
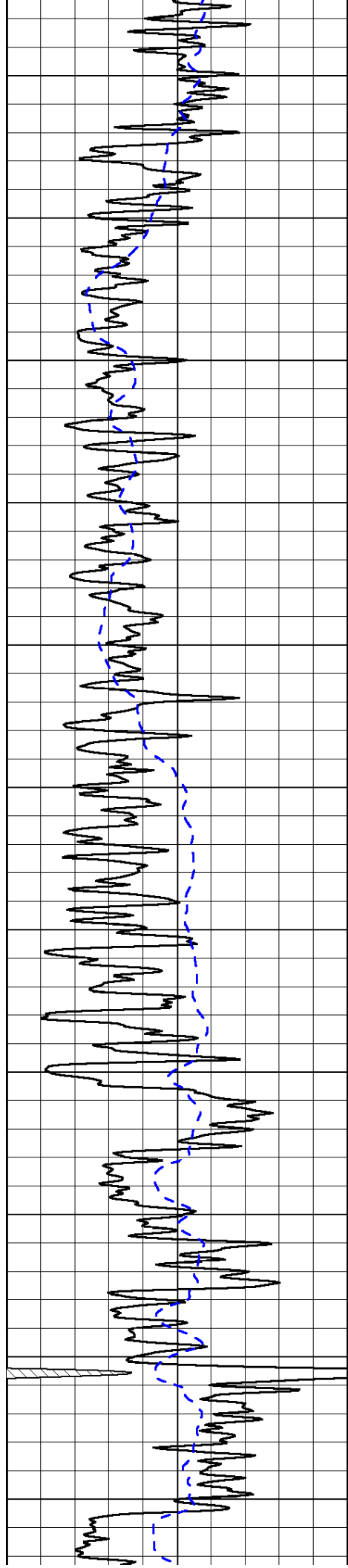
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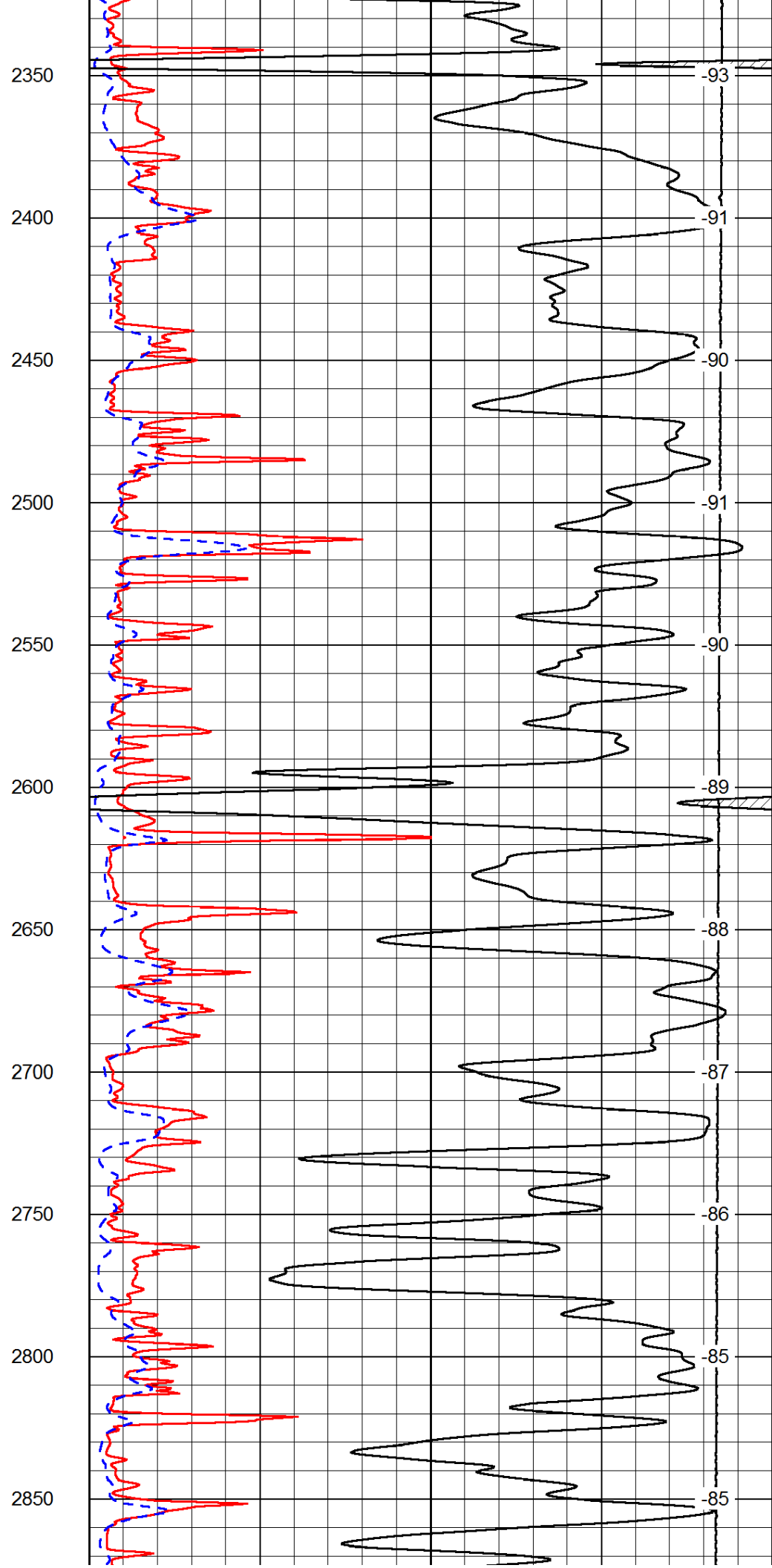
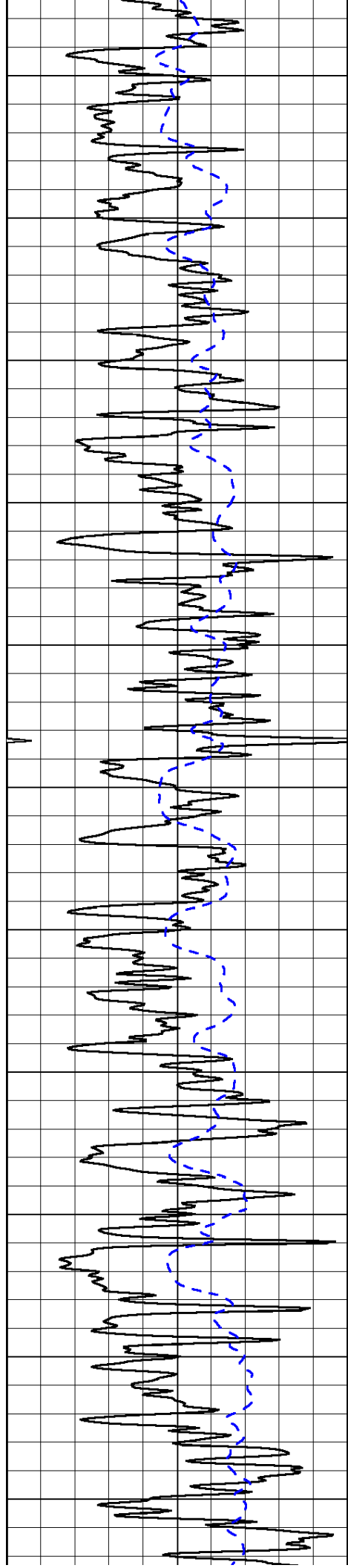
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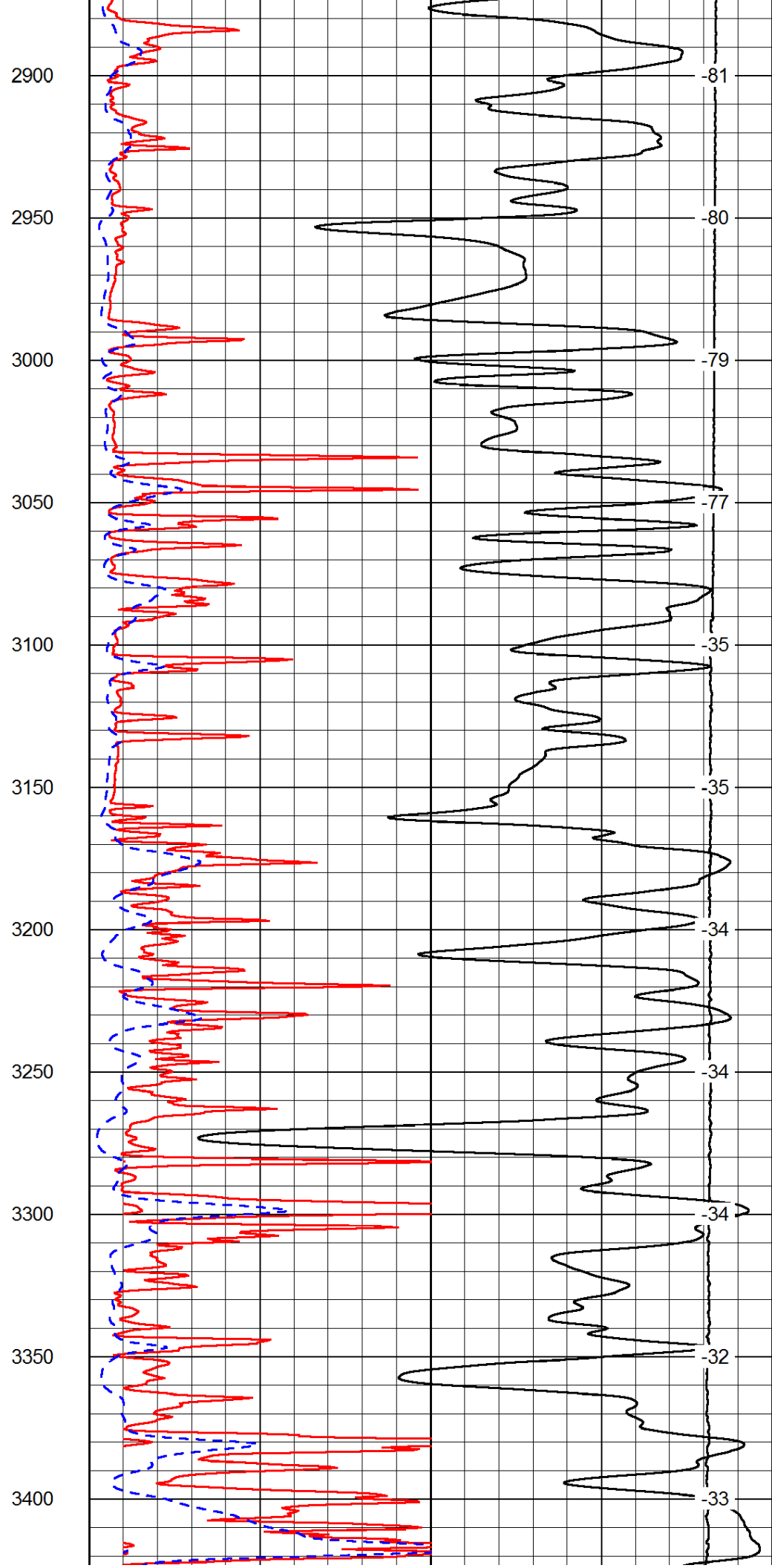
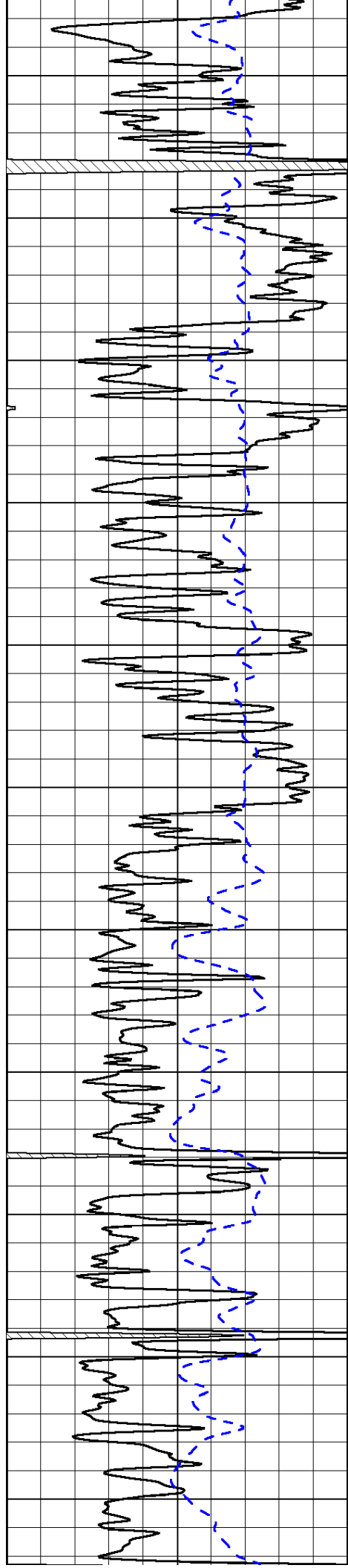
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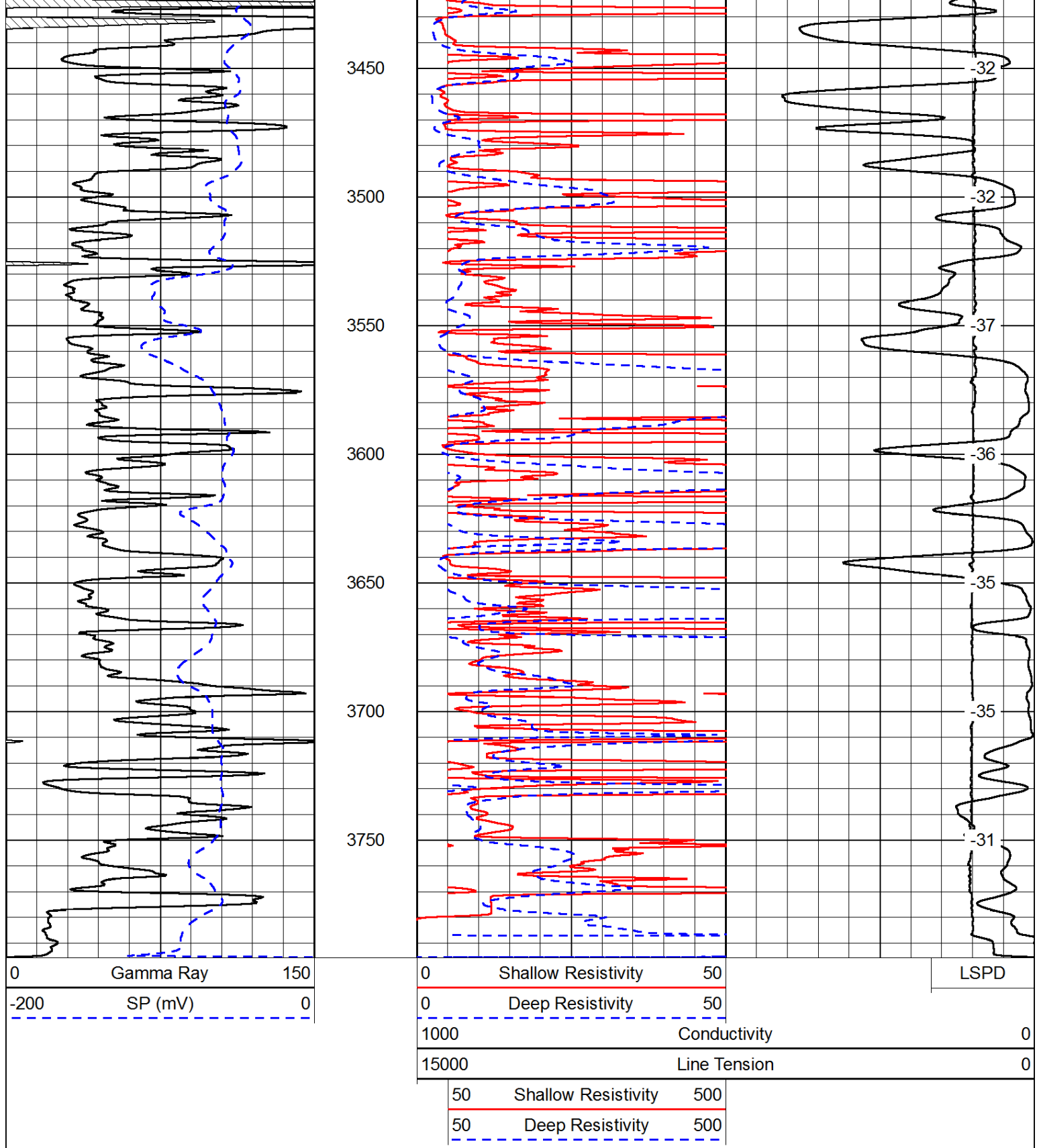
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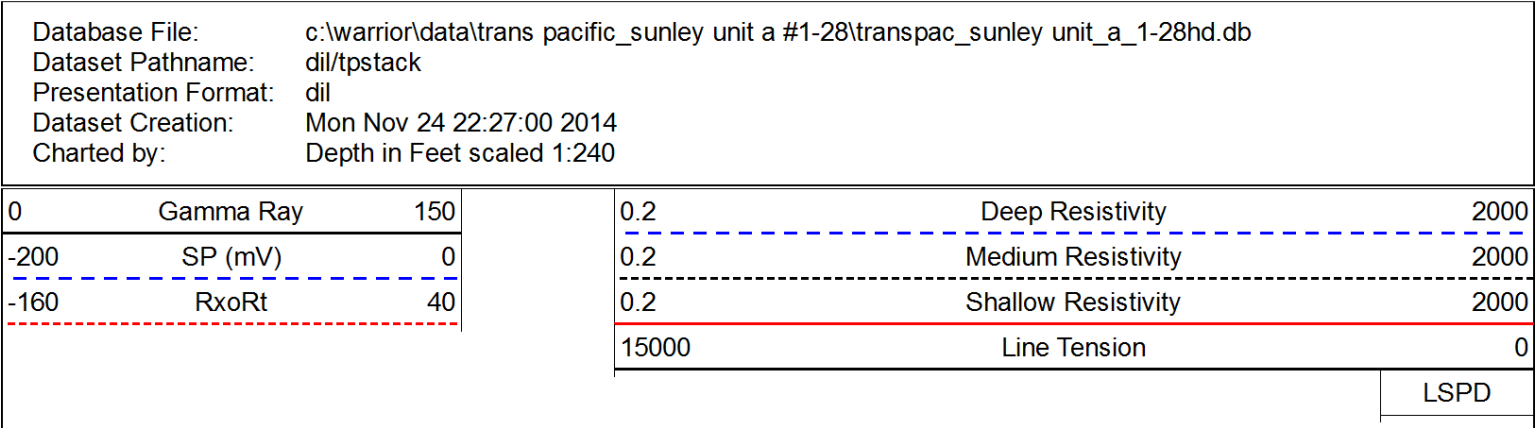
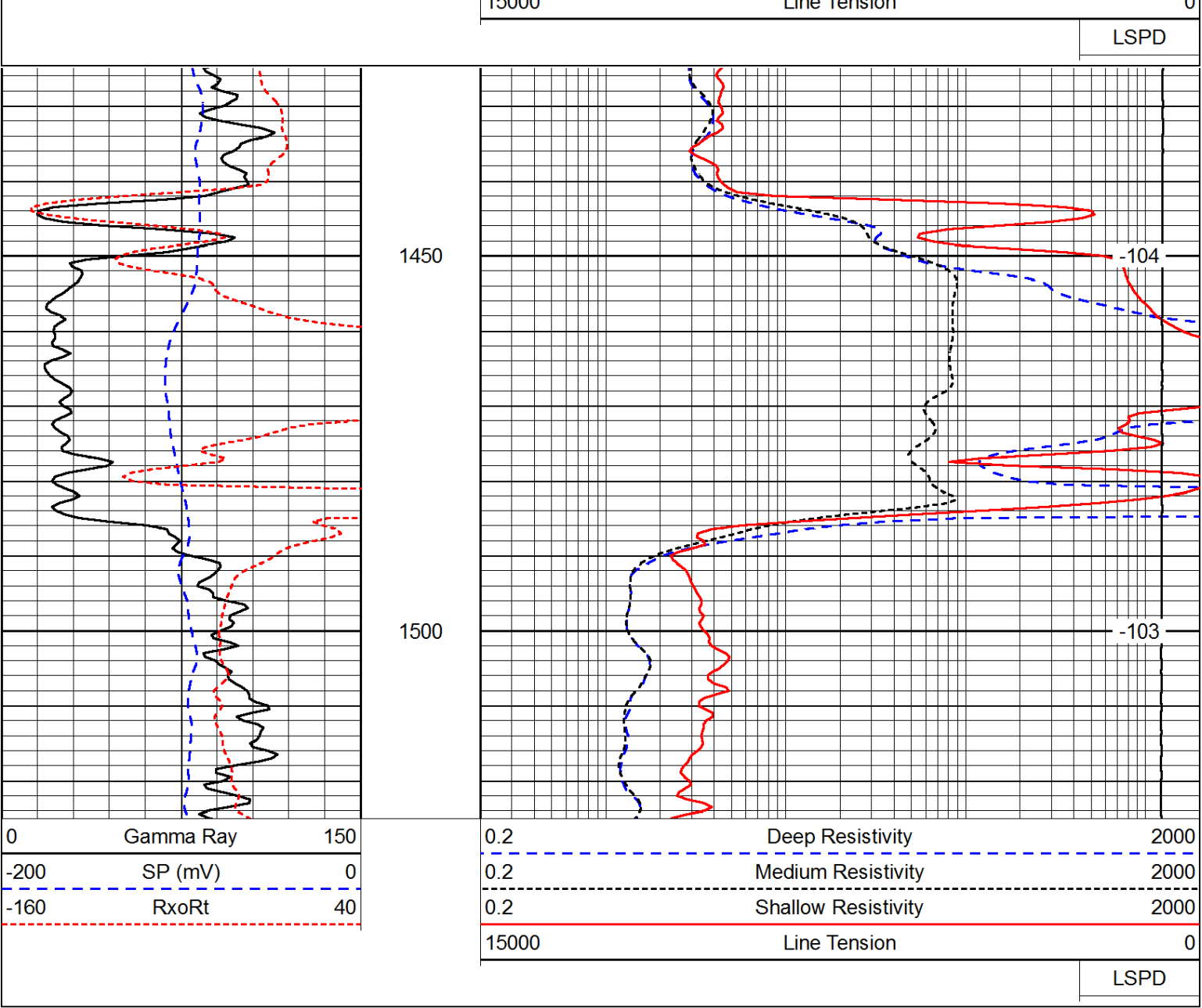


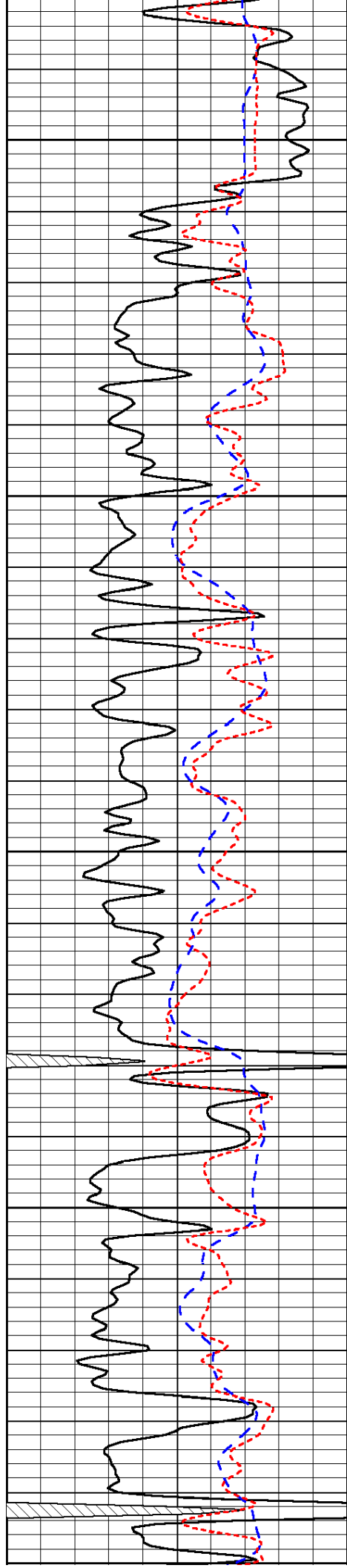




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 Presentation Format: dil
 Dataset Creation: Mon Nov 24 22:27:00 2014
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	0.2	Deep Resistivity	2000
-200	SP (mV)	0	0.2	Medium Resistivity	2000
-160	RxoRt	40	0.2	Shallow Resistivity	2000
			15000	Line Tension	0





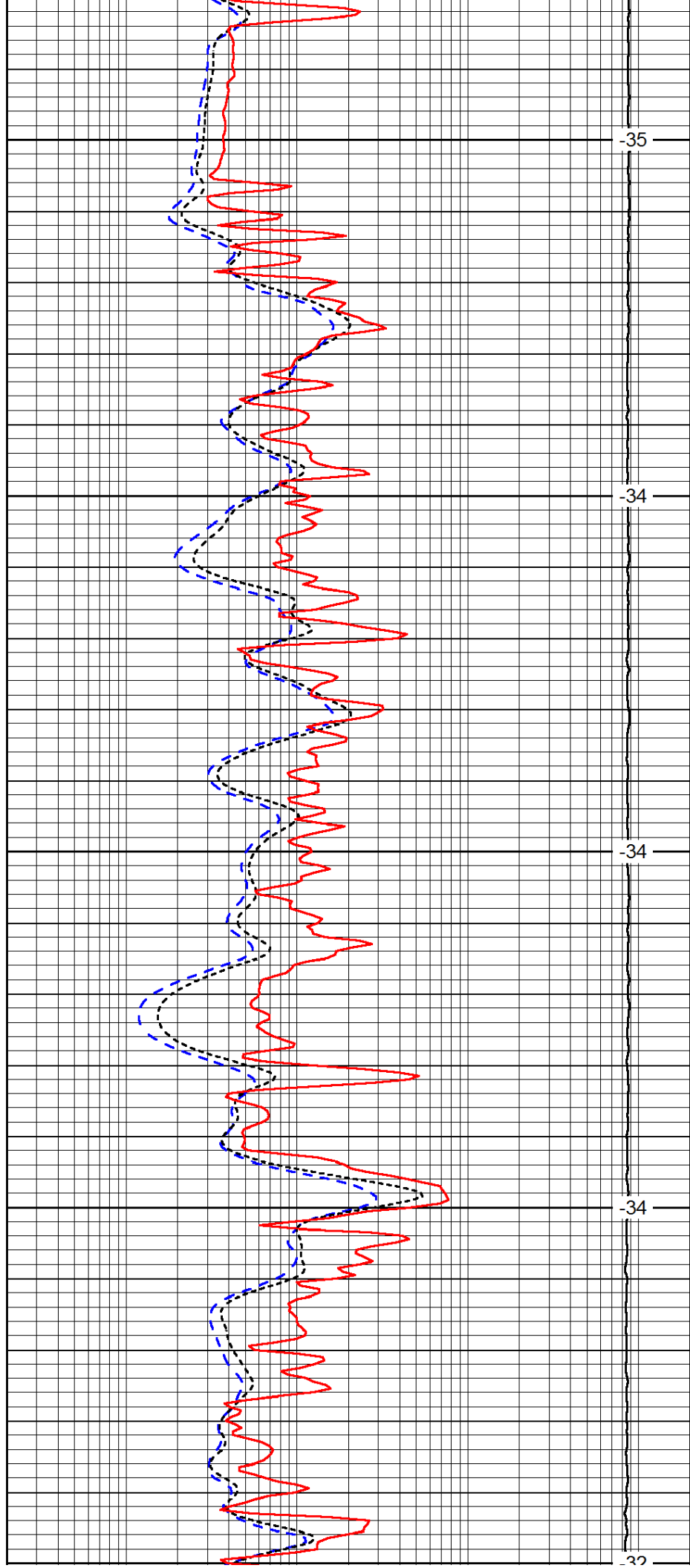
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3200

3250

3300

3350



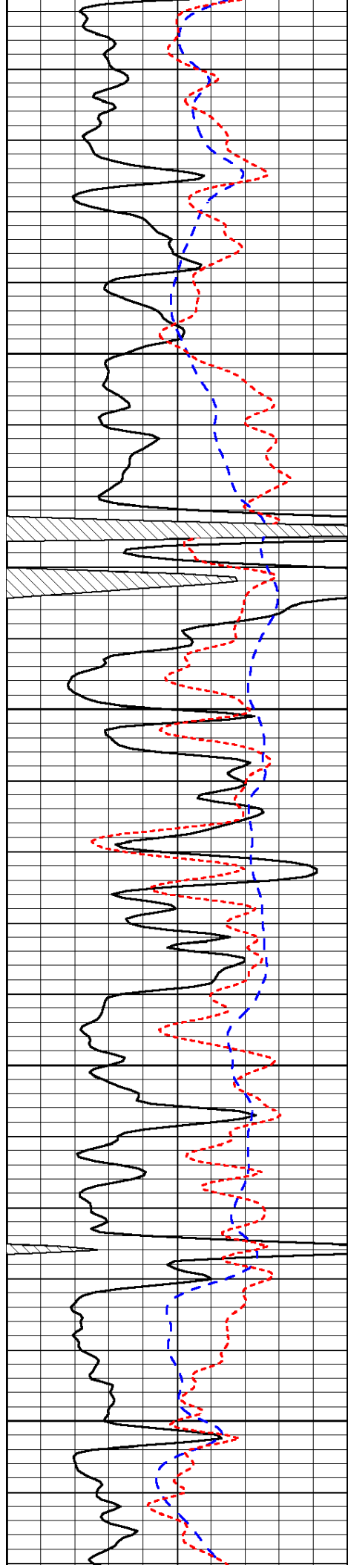
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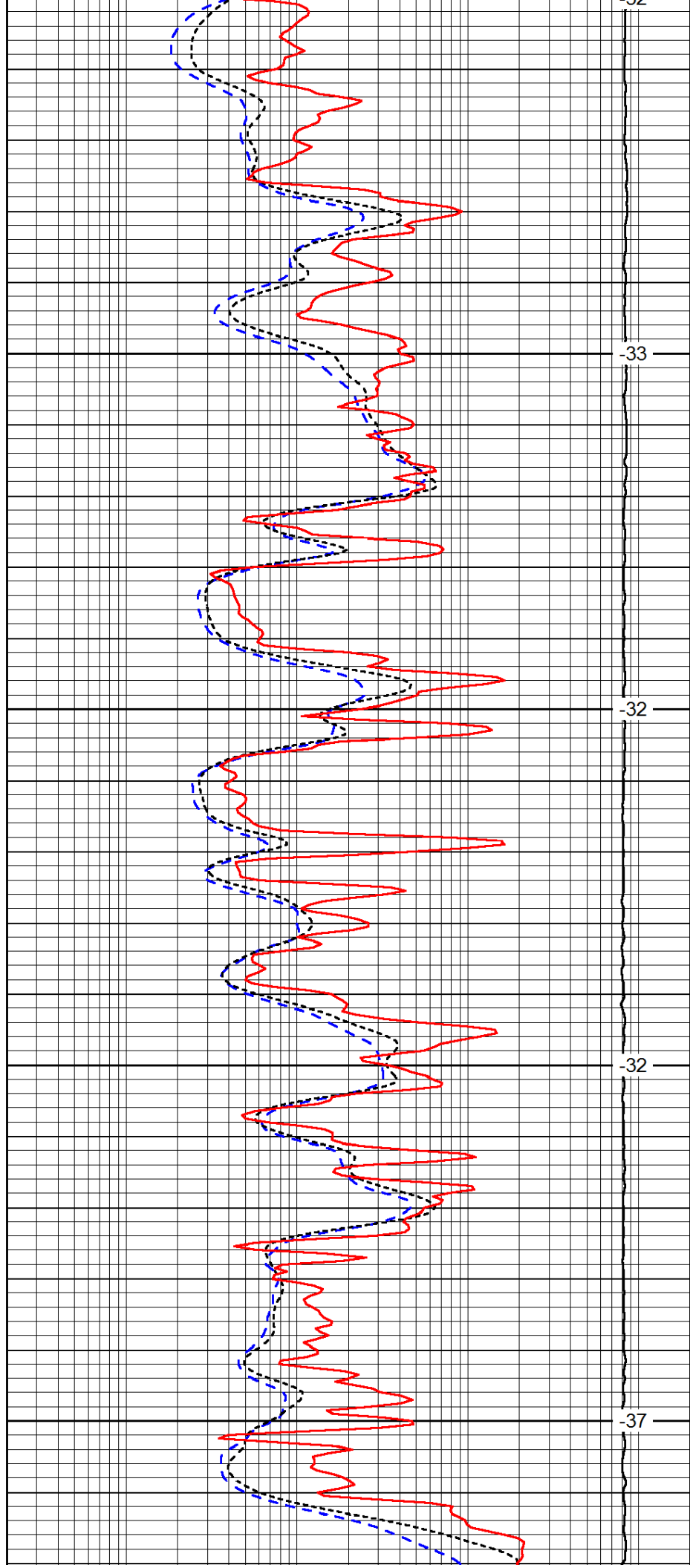
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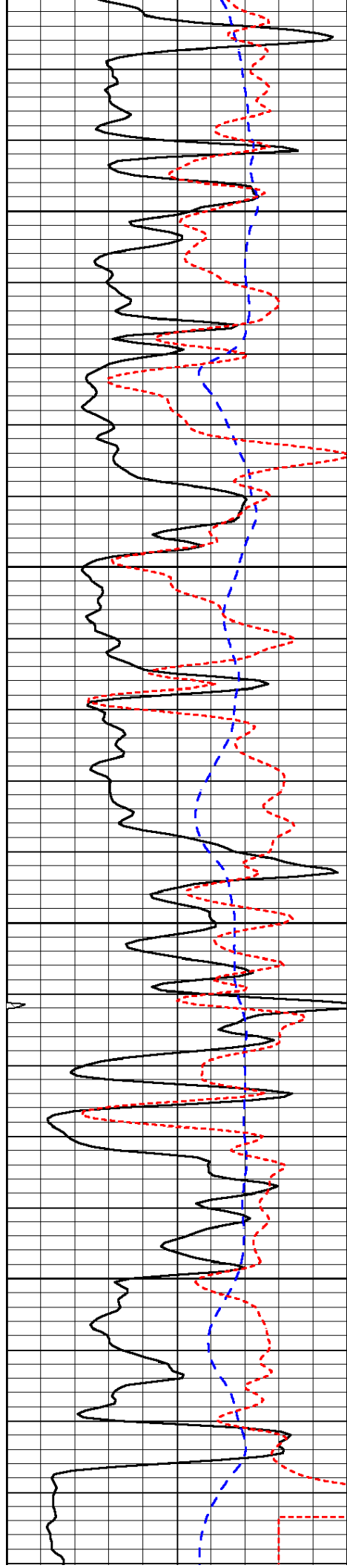
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3350
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3550



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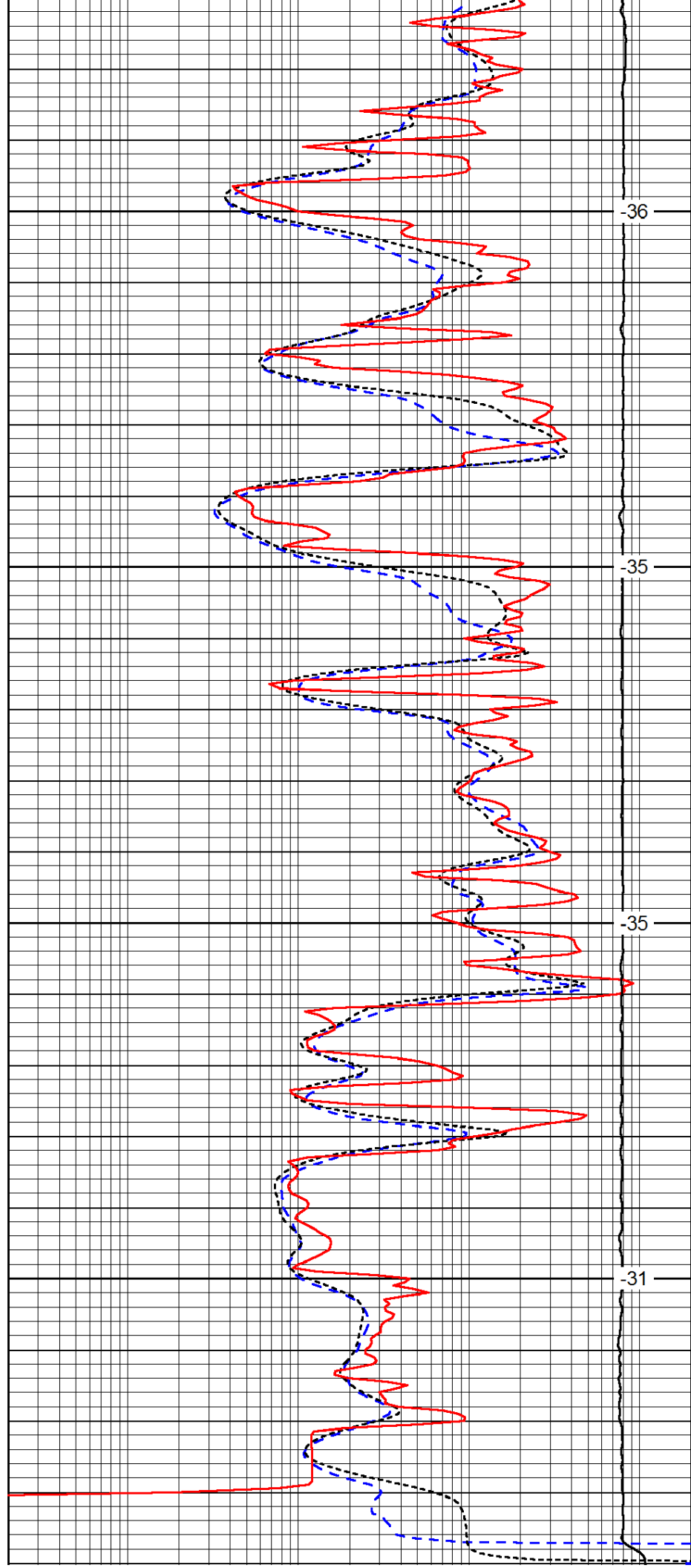


3600

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3700

3750



-36

-35

-35

-31

