



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company Range Oil Company, Inc.		
15-015-23,908-00-00	Well Wiebe "H" No.1		
	Field Potwin		
	County Butler State Kansas		
	Location	NE/4 500' FNL & 330' FEL	Other Services CNL/CDL
	Sec: 10	Twp: 25S	Rge: 3E
Permanent Datum	Ground Level	Elevation 1336	
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Date	8/11/2011		
Run Number	One		
Depth Driller	2785		
Depth Logger	2786		
Bottom Logged Interval	2785		
Top Log Interval	200		
Casing Driller	8.625 @ 224		
Casing Logger	226		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	1,000		
Density / Viscosity	9.3 50		
pH / Fluid Loss	9.0 9.6		
Source of Sample	Flowline		
Rm @ Meas. Temp	1 @ 73		
Rmf @ Meas. Temp	1.58 @ 73		
Rmc @ Meas. Temp	2.84 @ 73		
Source of Rmf / Rmc	Charts		
Rm @ BHT	1.45 @ 106		
Operating Rig Time	2 Hours		
Max Rec. Temp. F	106		
Equipment Number	17		
Location	Hays		
Recorded By	C. Desai		
Witnessed By	John Washburn	Roger Martin	

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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

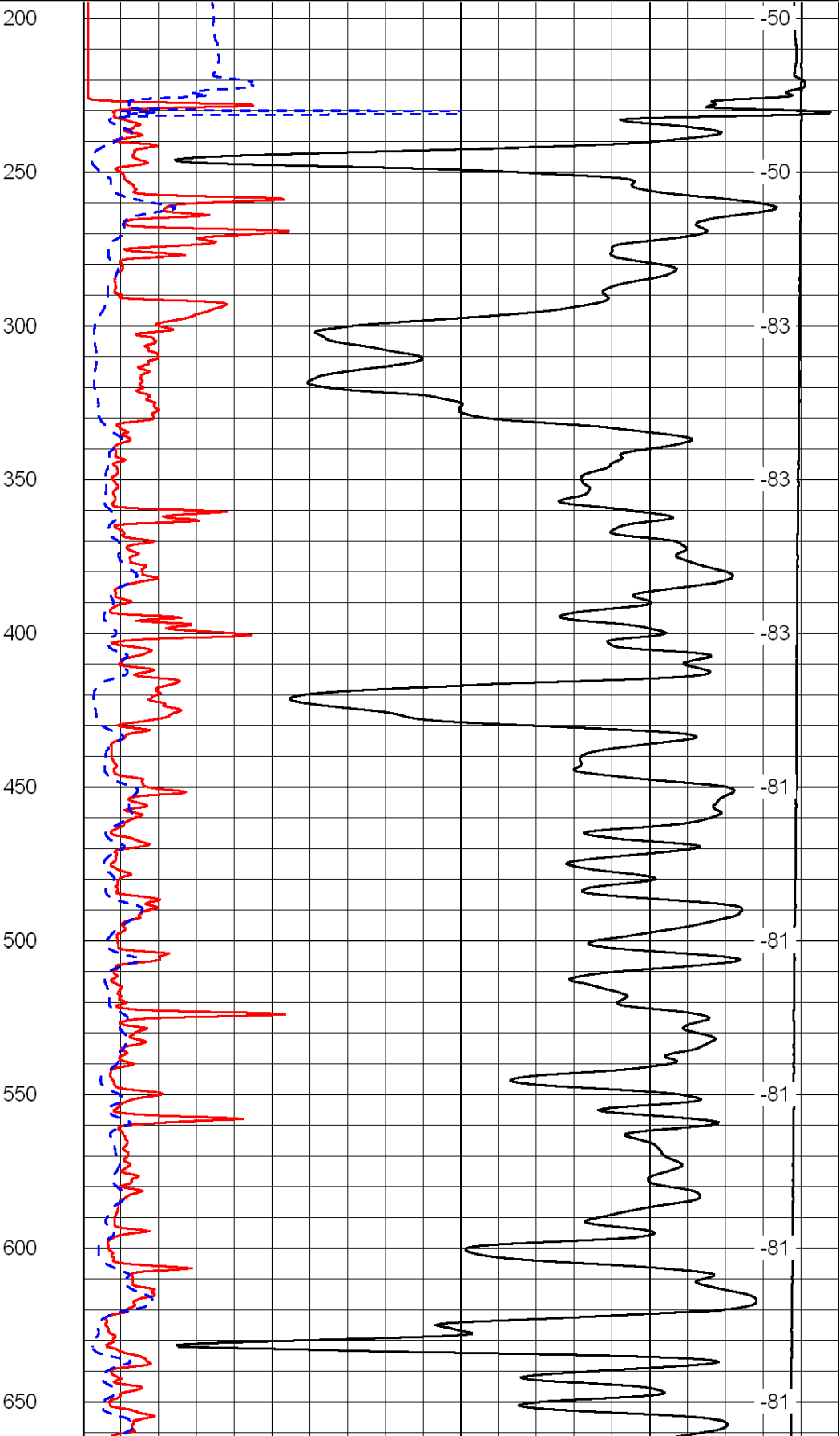
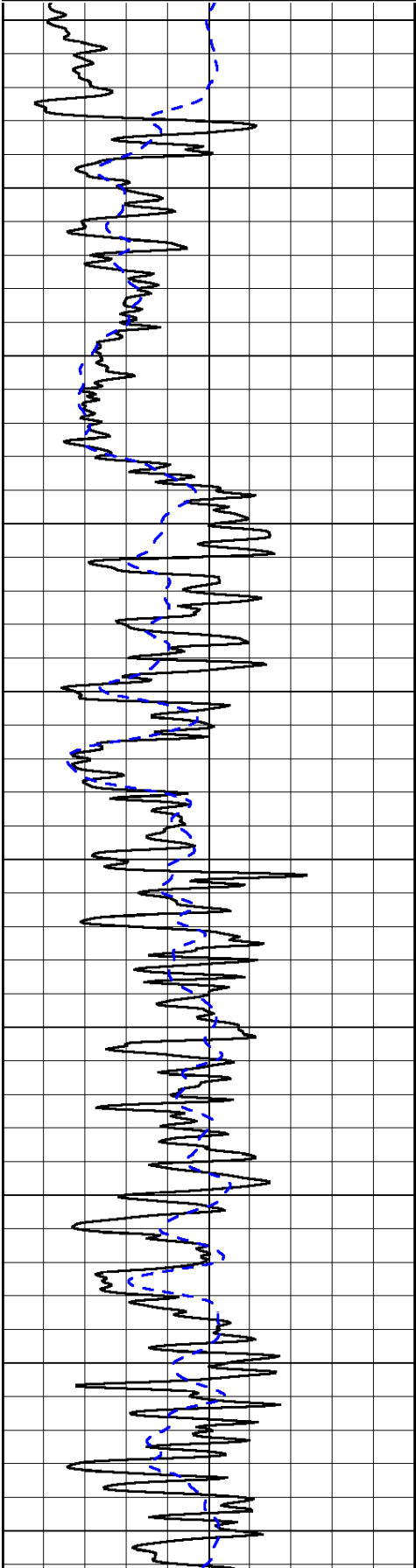
Whitewater, 1/2 E to Butler Rd,
4 S to 50th Rd,
3 E, S Into

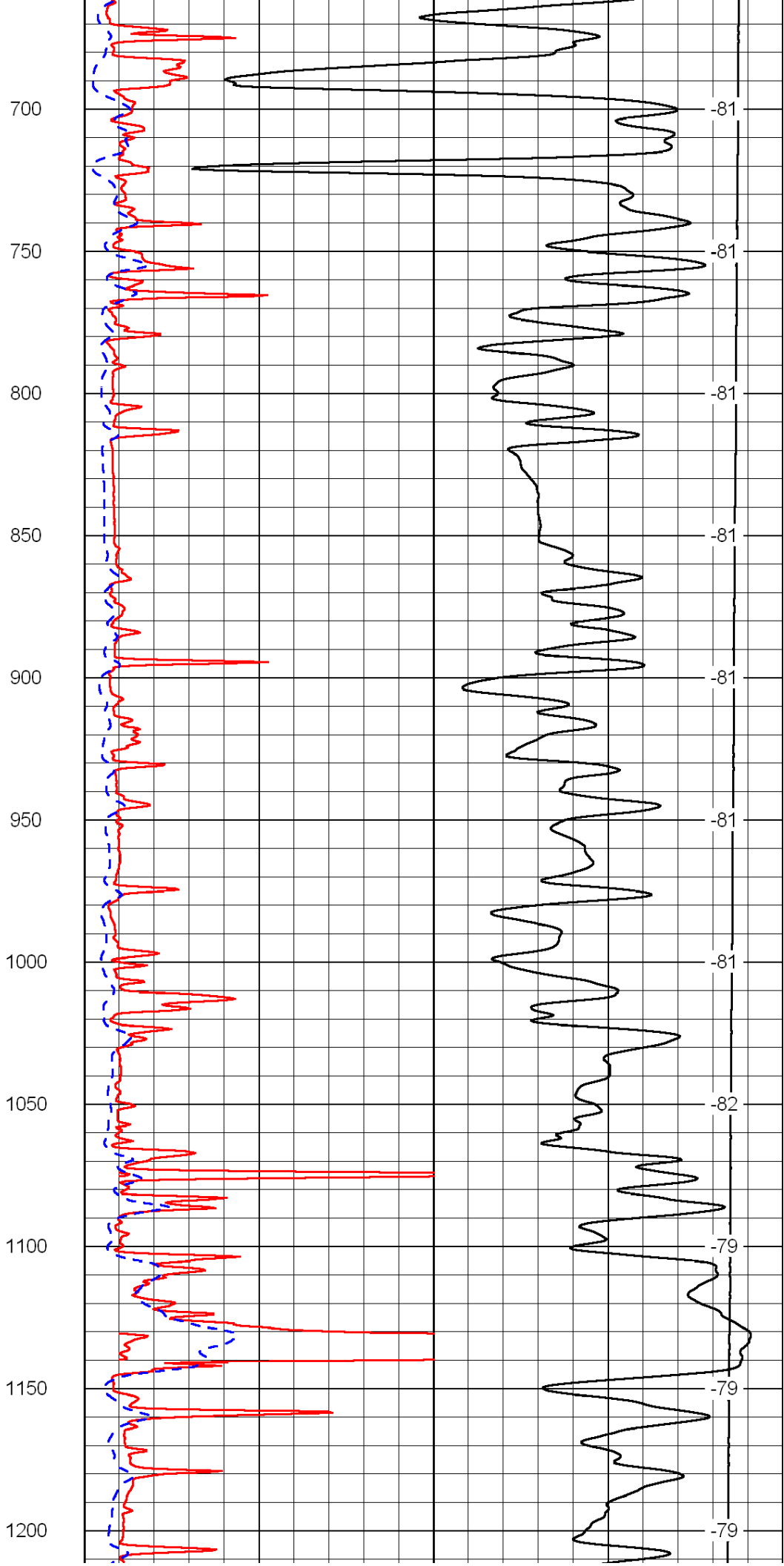
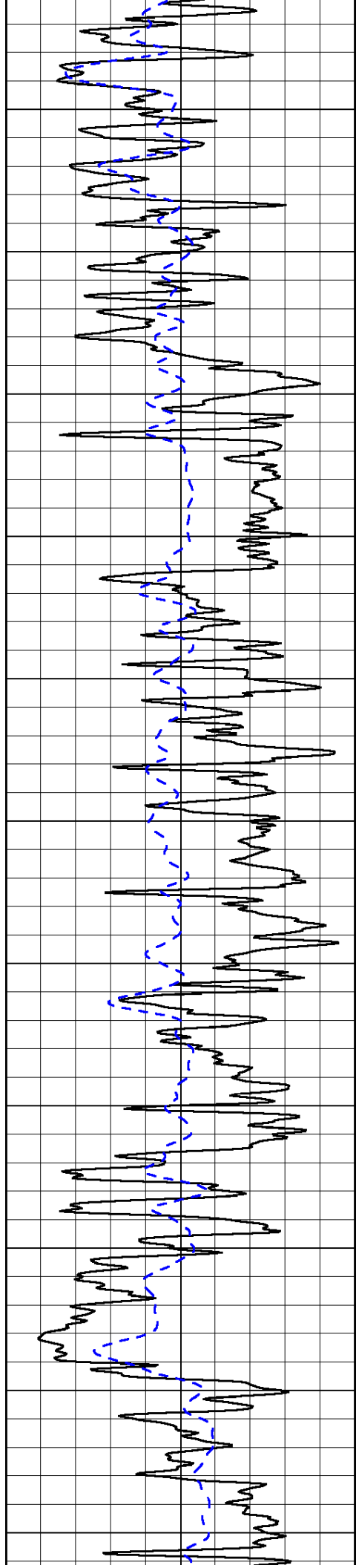
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Presentation Format: dil2in
Dataset Creation: Fri Aug 12 11:47:15 2011
Charted by: Depth in Feet scaled 1:600

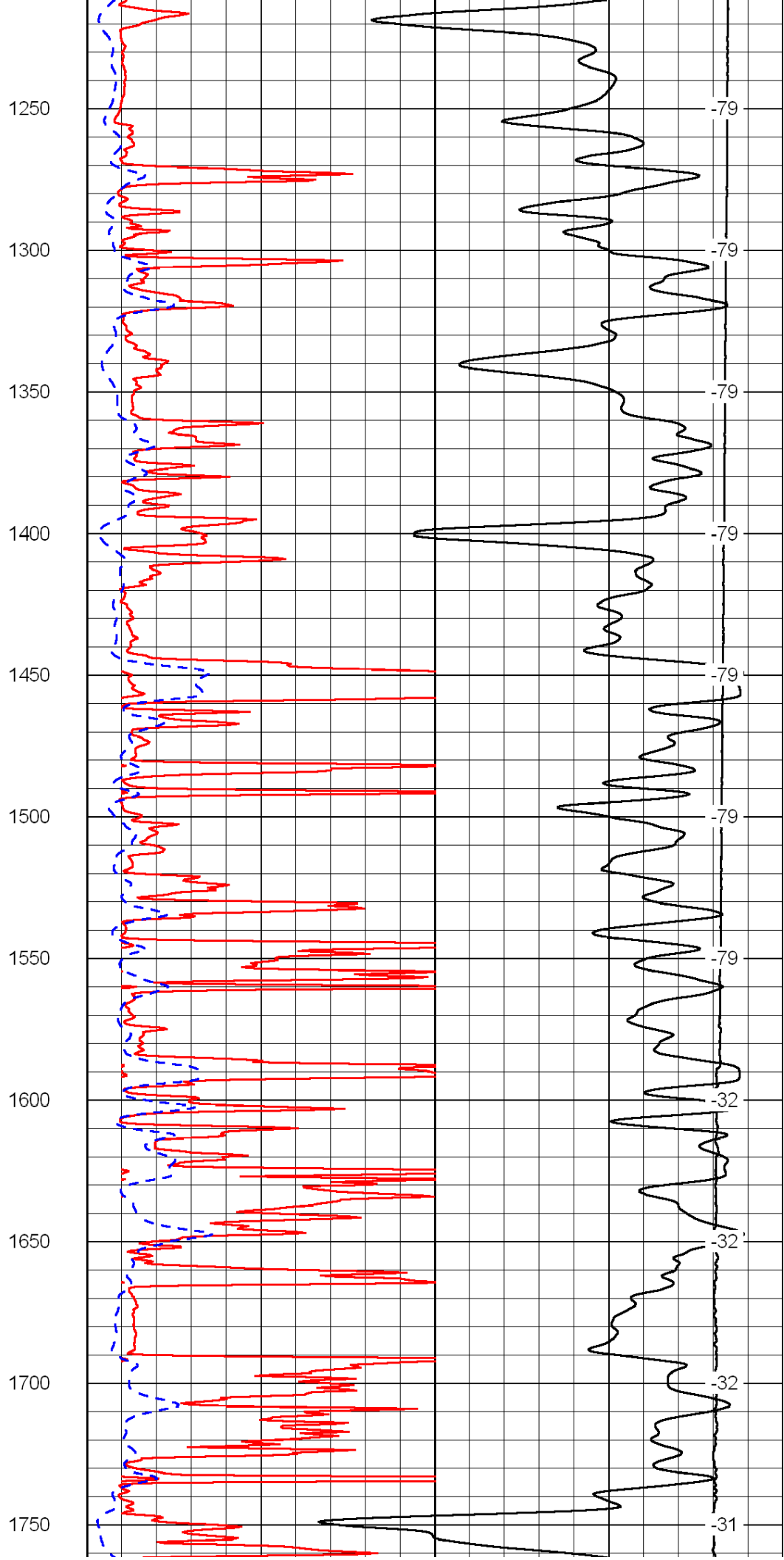
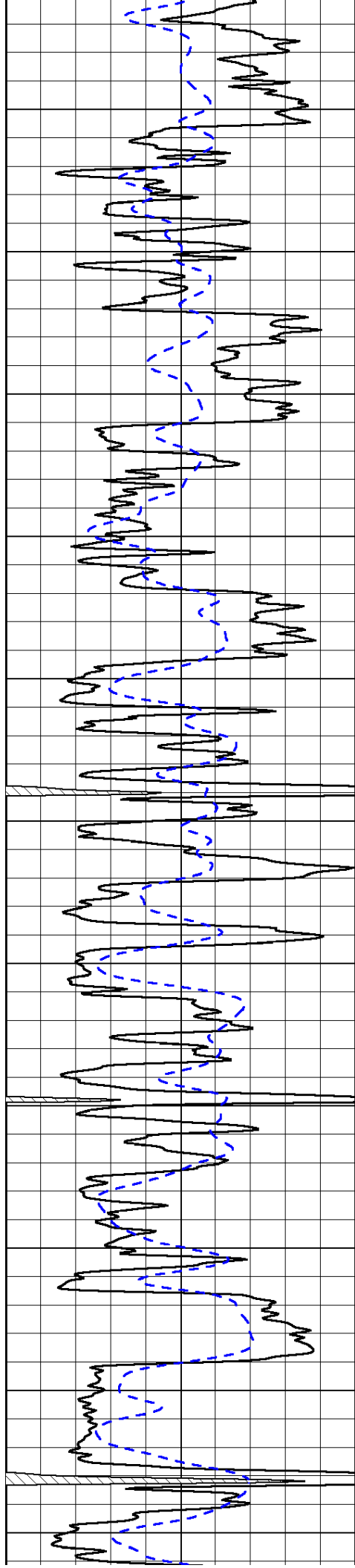
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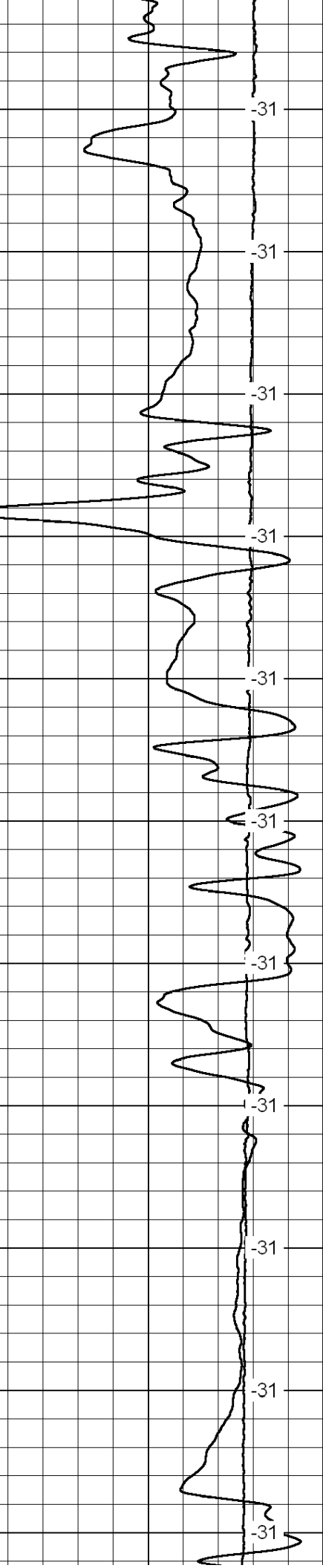
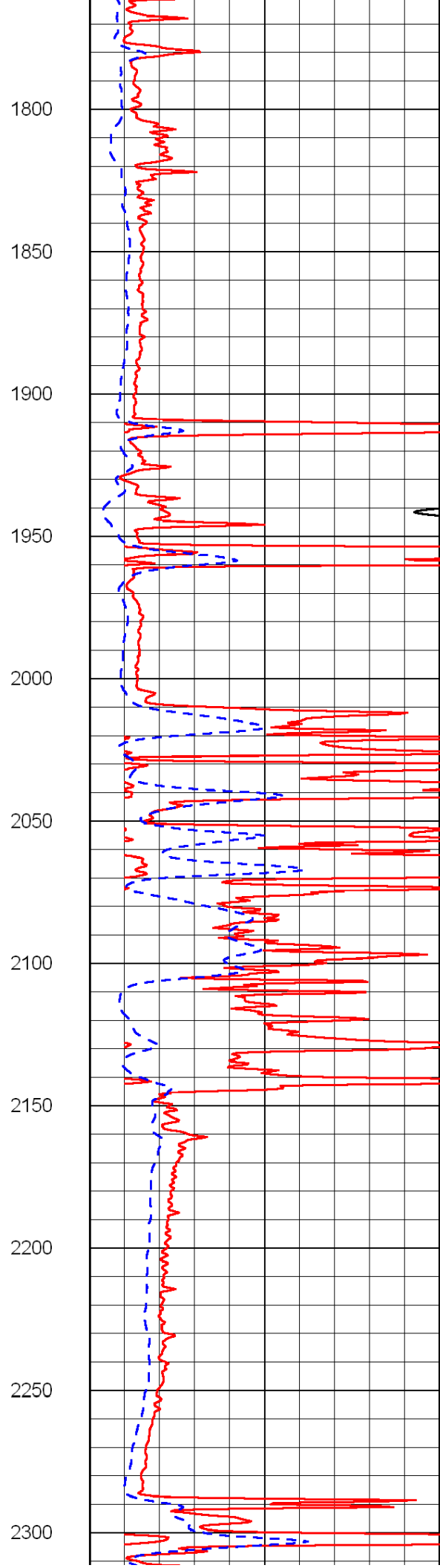
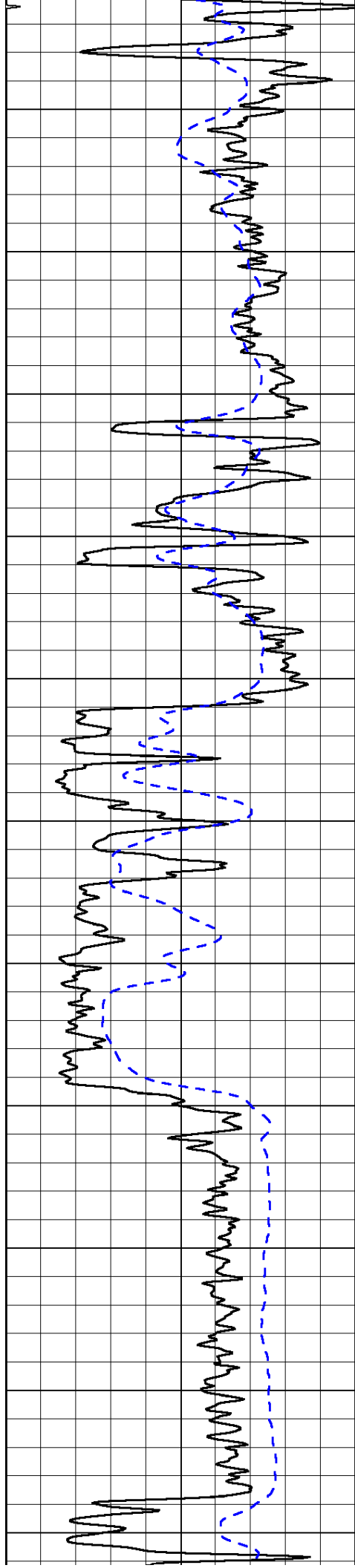
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-200	SP (mV)	0

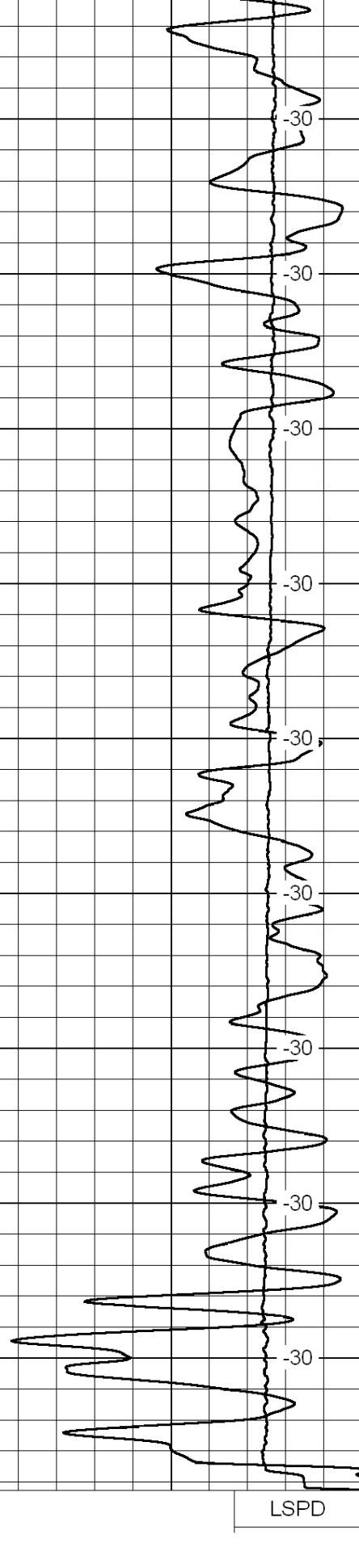
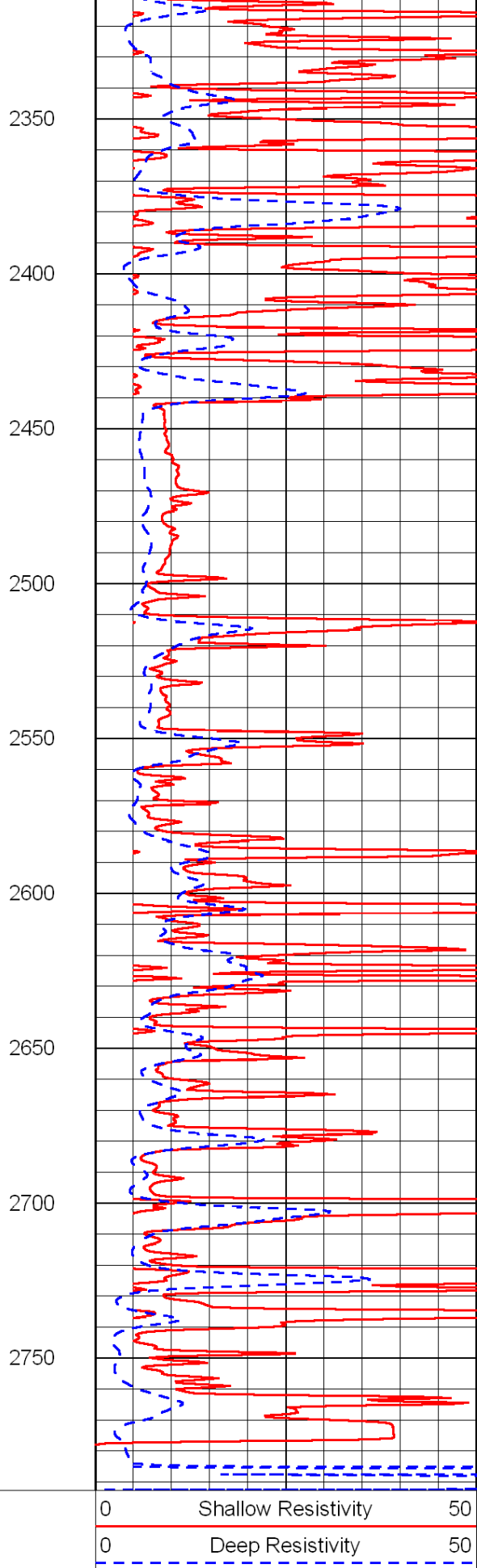
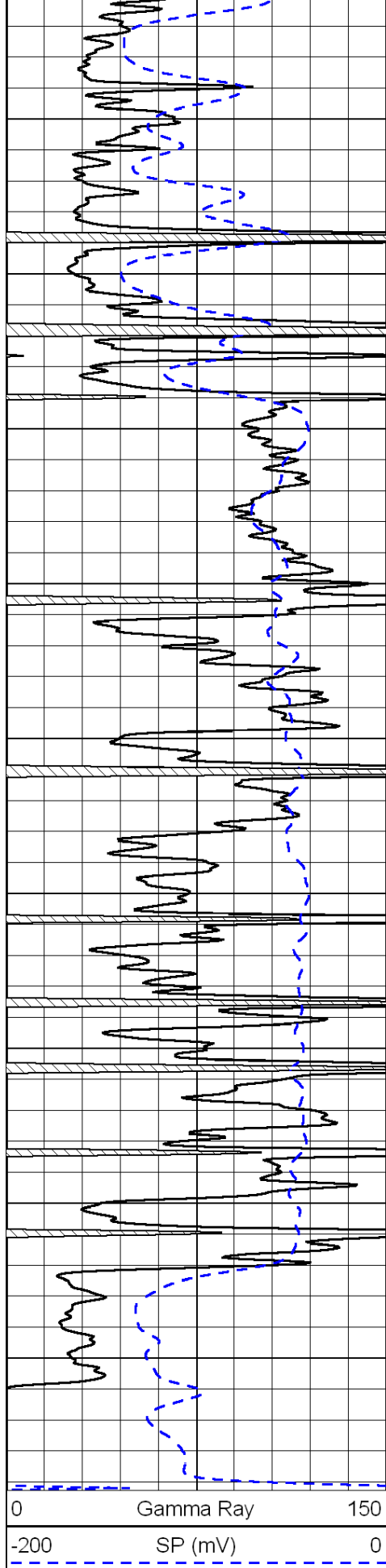
0	Shallow Resistivity	50	LSPD
0	Deep Resistivity	50	
1000	Conductivity		0
15000	Line Tension		0
50	Shallow Resistivity	500	
50	Deep Resistivity	500	











0 Gamma Ray 150
-200 SP (mV) 0

0 Shallow Resistivity 50
0 Deep Resistivity 50

LSPD
-30 0

1000 Conductivity 0
15000 Line Tension 0

50 Shallow Resistivity 500

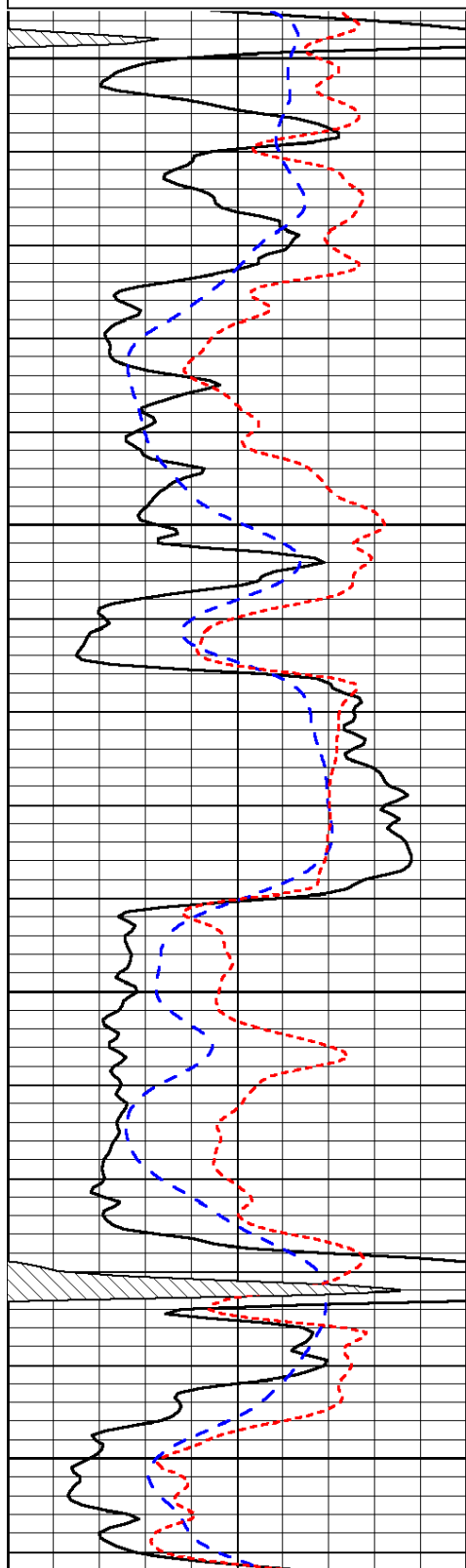
50 Deep Resistivity 500

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Presentation Format: dil
Dataset Creation: Fri Aug 12 11:47:15 2011
Charted by: Depth in Feet scaled 1:240

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

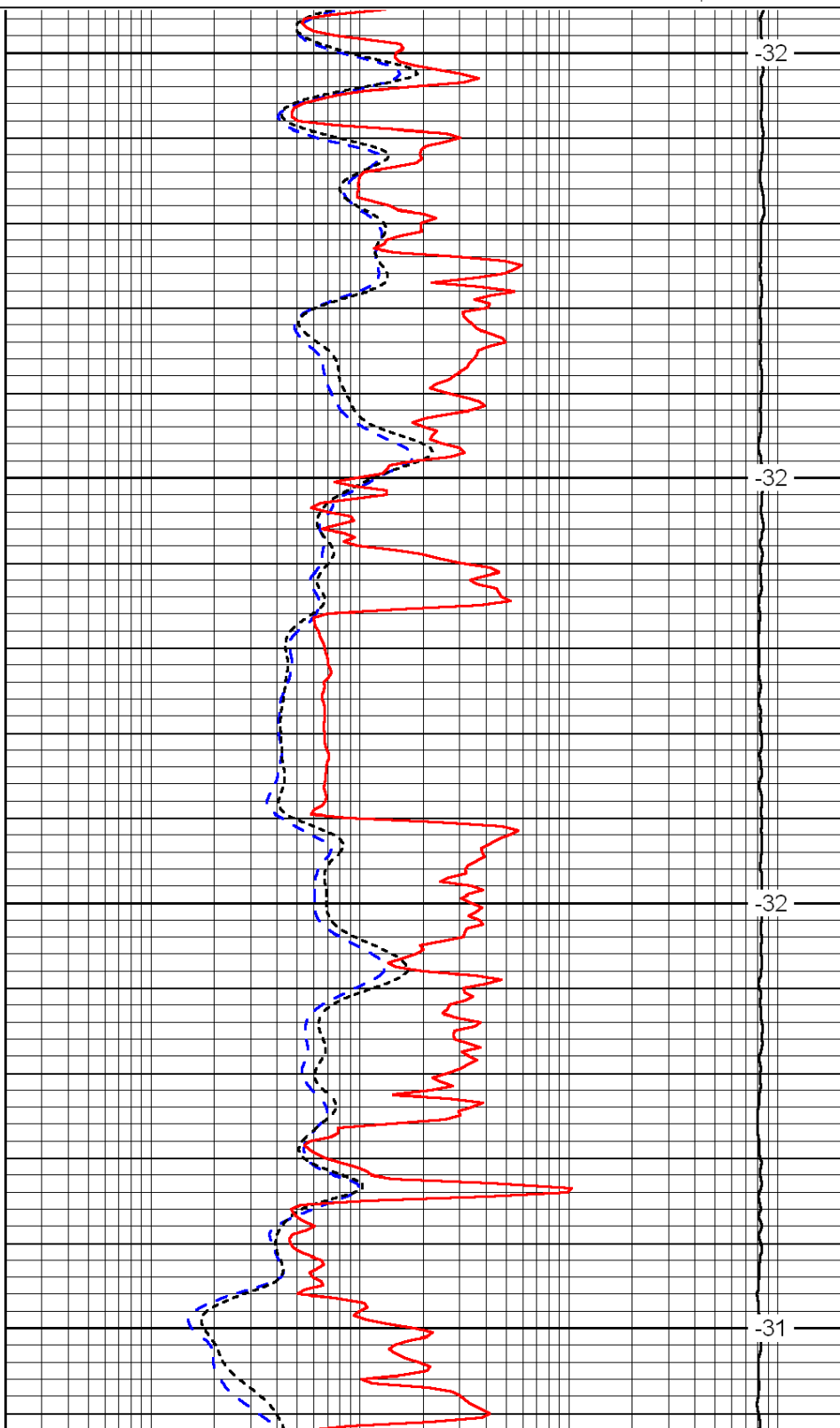


1600

1650

1700

1750

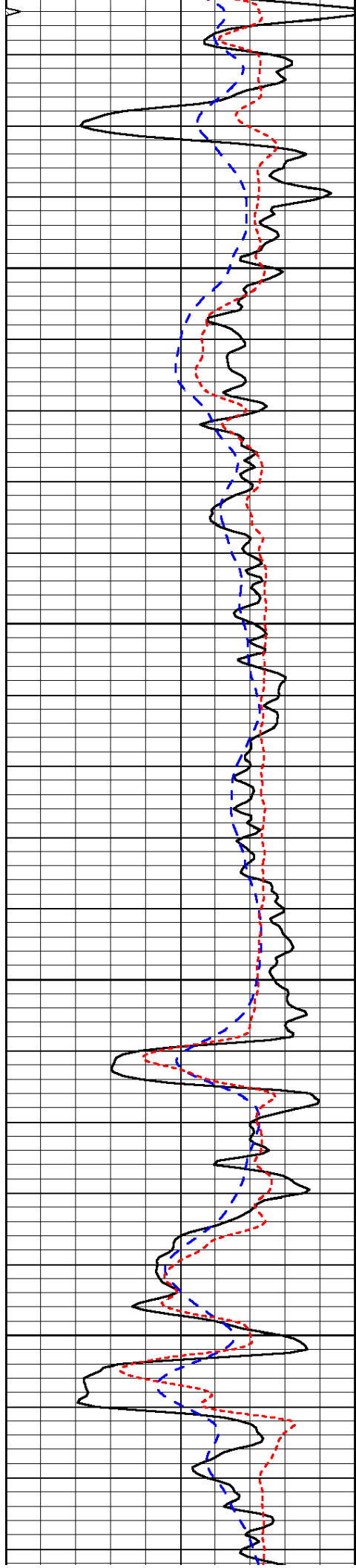


-32

-32

-32

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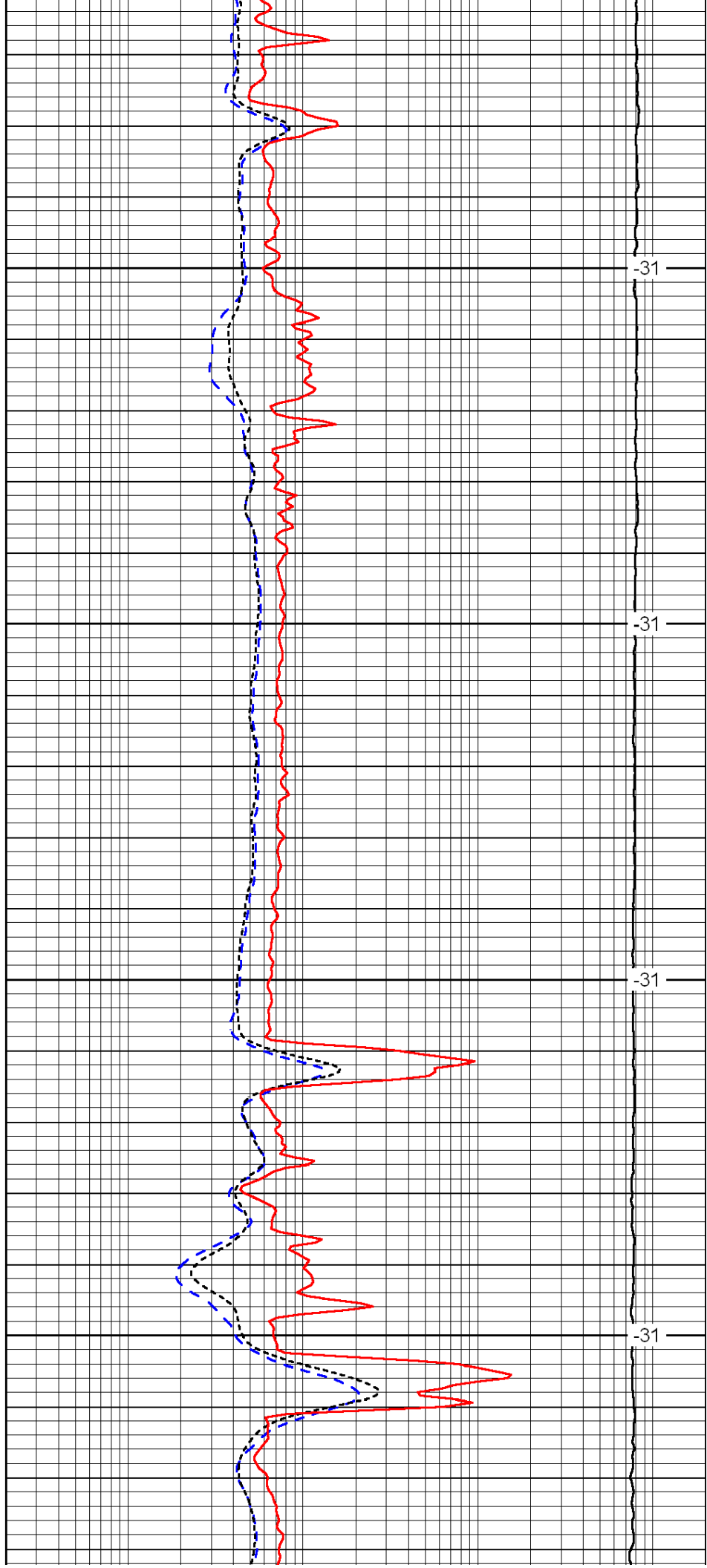


1800

1850

1900

1950

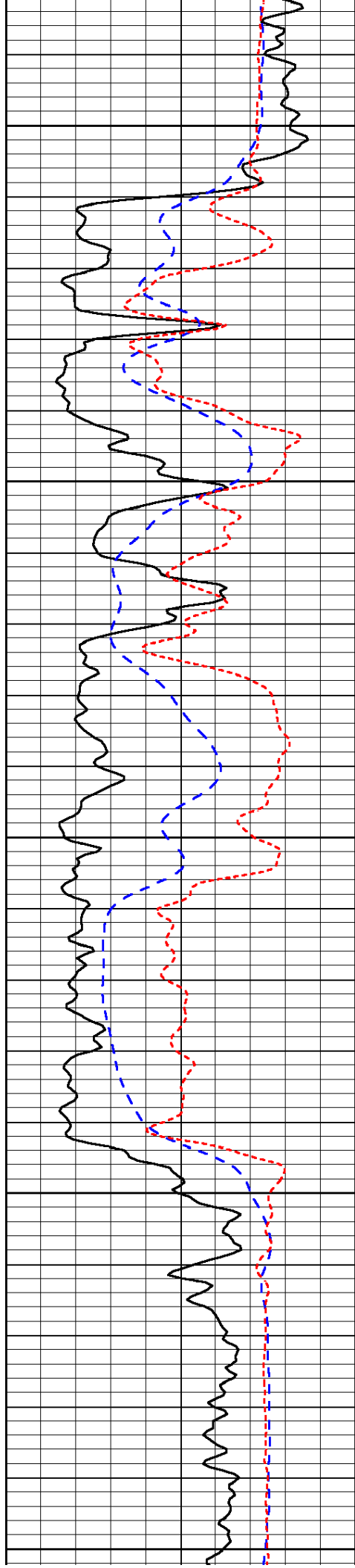


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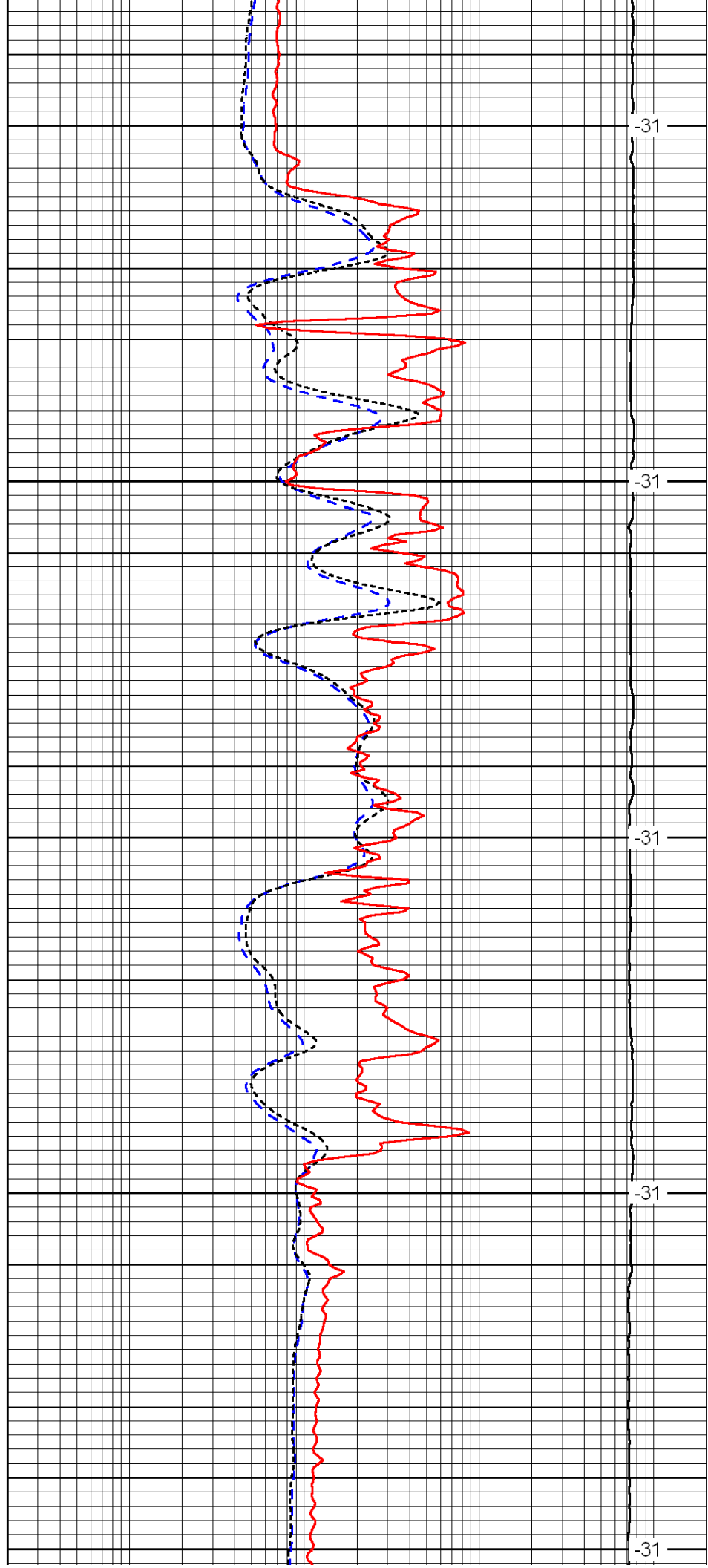
2000

2050

2100

2150

2200



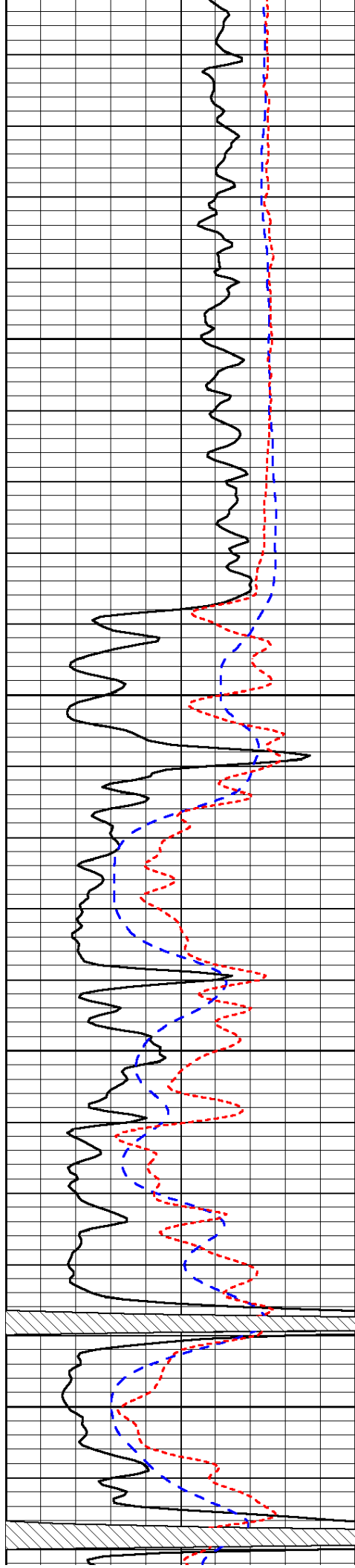
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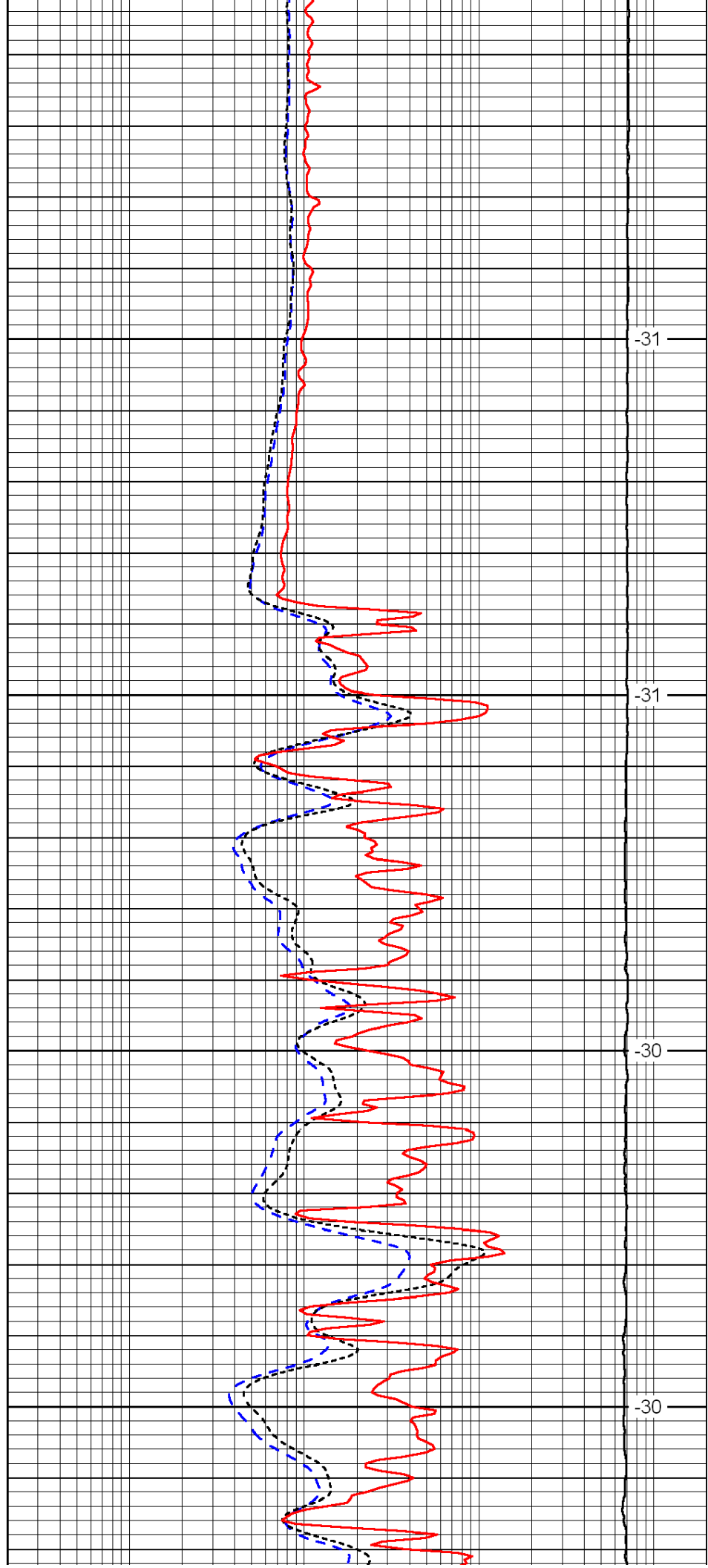


2250

2300

2350

2400

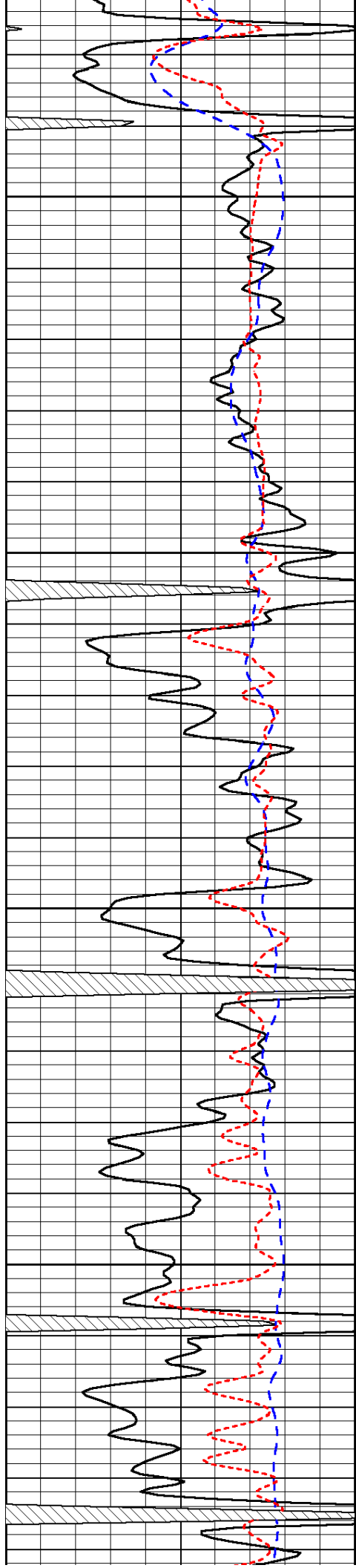


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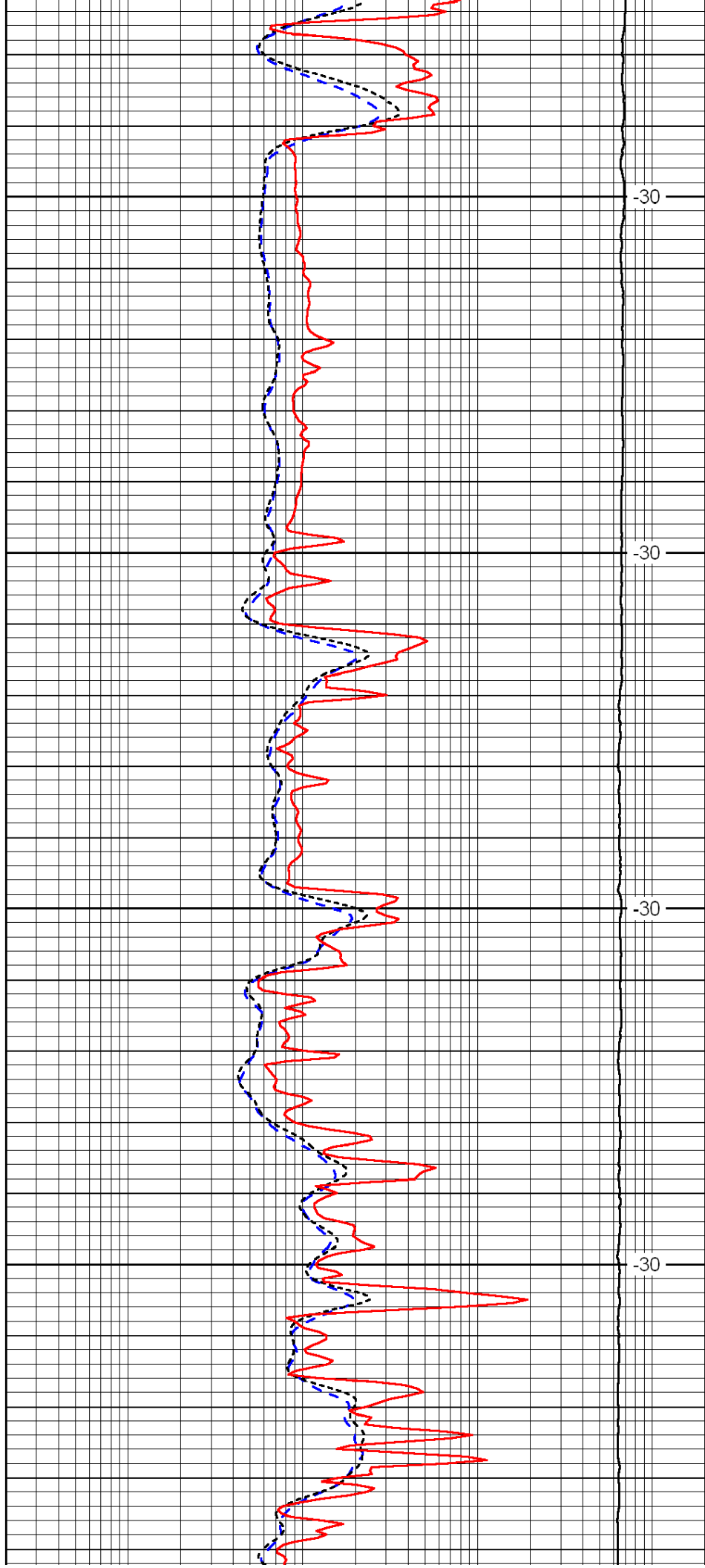


2450

2500

2550

2600

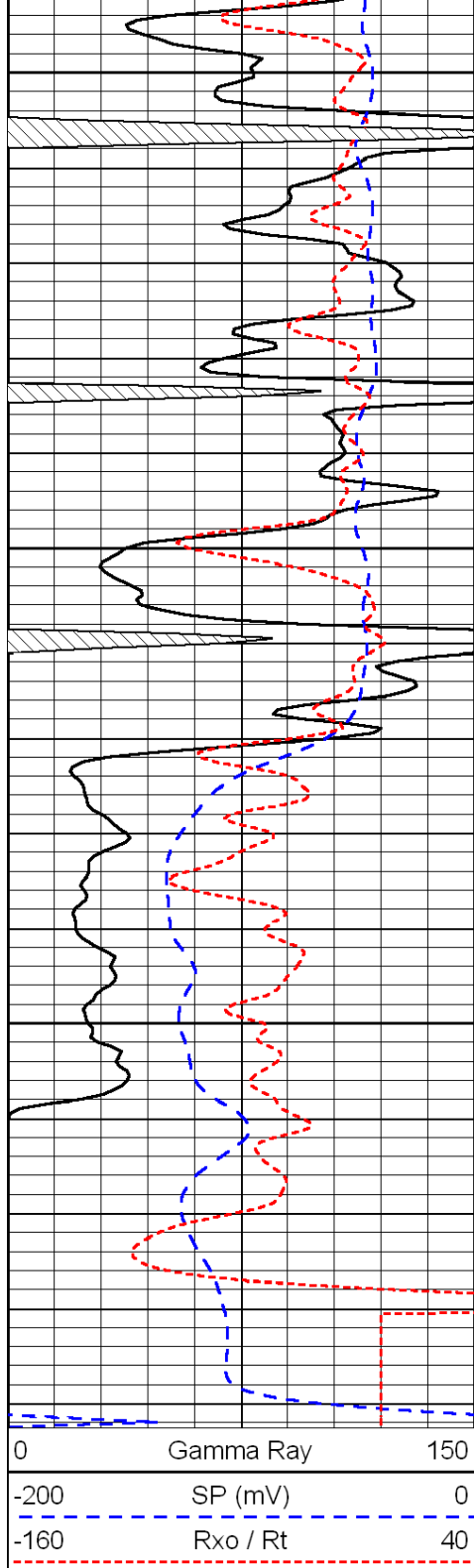


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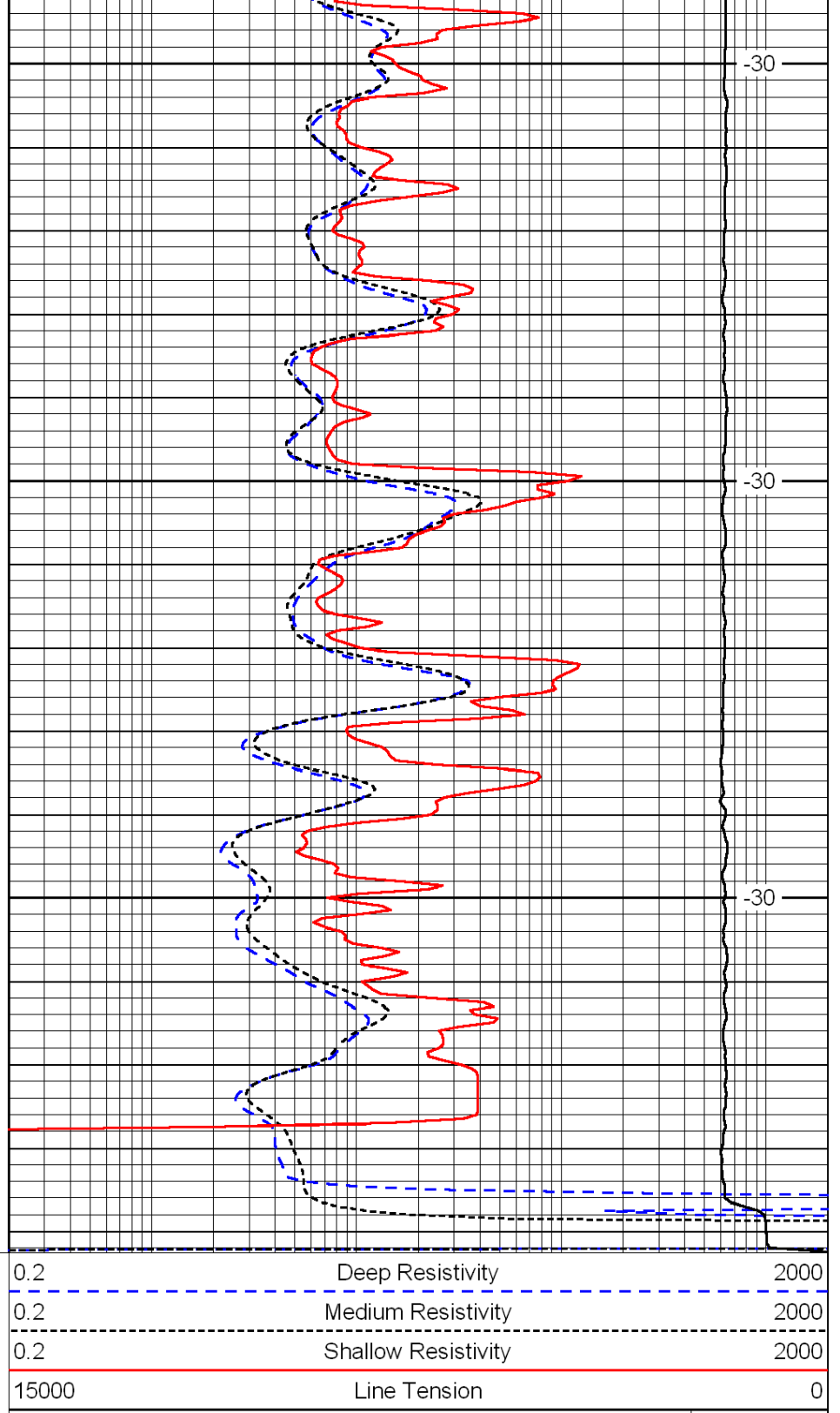
-30



2650

2700

2750



-30

-30

-30

LSPD