



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.		Company Range Oil Company, Inc.	
15-015-23,935-00-00		Well Dow "A" No.1	
		Field Mellor East	
		County Butler State Kansas	
		Location	330' FNL & 1750' FEL
		Sec: 18 Twp: 24S Rge: 4E	Other Services CNL/CDL MEL
Permanent Datum		Ground Level	Elevation 1323
Log Measured From		Kelly Bushing	10 Ft. Above Perm. Datum
Drilling Measured From		Kelly Bushing	K.B. 1333 D.F. 1323 G.L. 1323
Date	3/9/2012		
Run Number	Two		
Depth Driller	2535		
Depth Logger	2538		
Bottom Logged Interval	2537		
Top Log Interval	200		
Casing Driller	8.625 @ 227		
Casing Logger	226		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity,ppm CL	1,400		
Density / Viscosity	9.3 56		
pH / Fluid Loss	9.5 8.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	1.35 @ 61		
Rmf @ Meas. Temp	1.02 @ 61		
Rmc @ Meas. Temp	1.82 @ 61		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.81 @ 101		
Operating Rig Time	3 Hours		
Max Rec. Temp. F	101		
Equipment Number	17		
Location	Hays		
Recorded By	C. Desaire		
Witnessed By	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

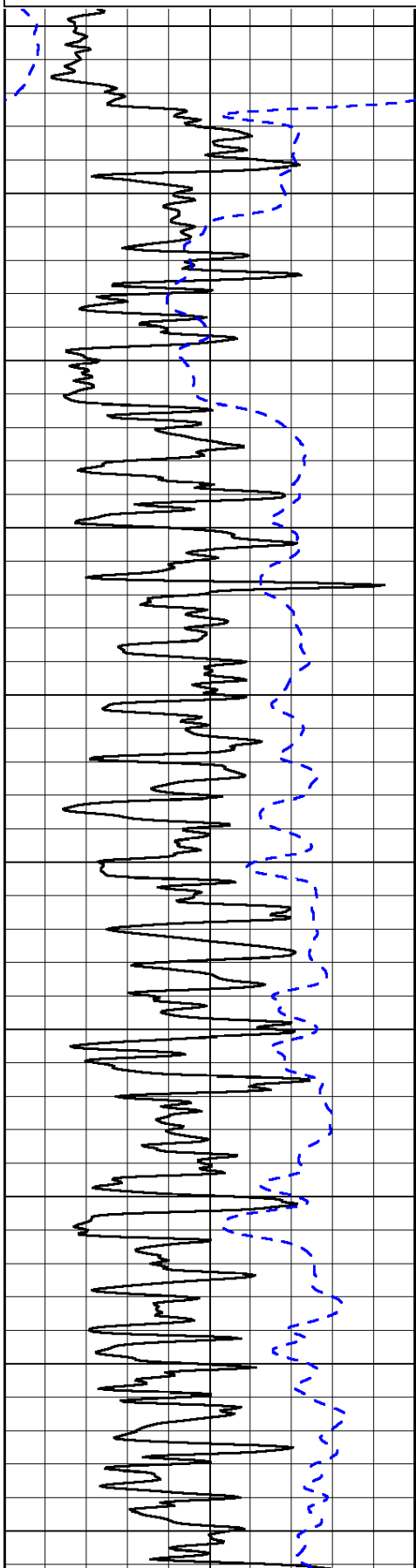
Potwin, E to River Valley Rd,
2 1/2 N to 100 Rd,
1 1/2 W, S Into

Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
-200	SP (mV)	0

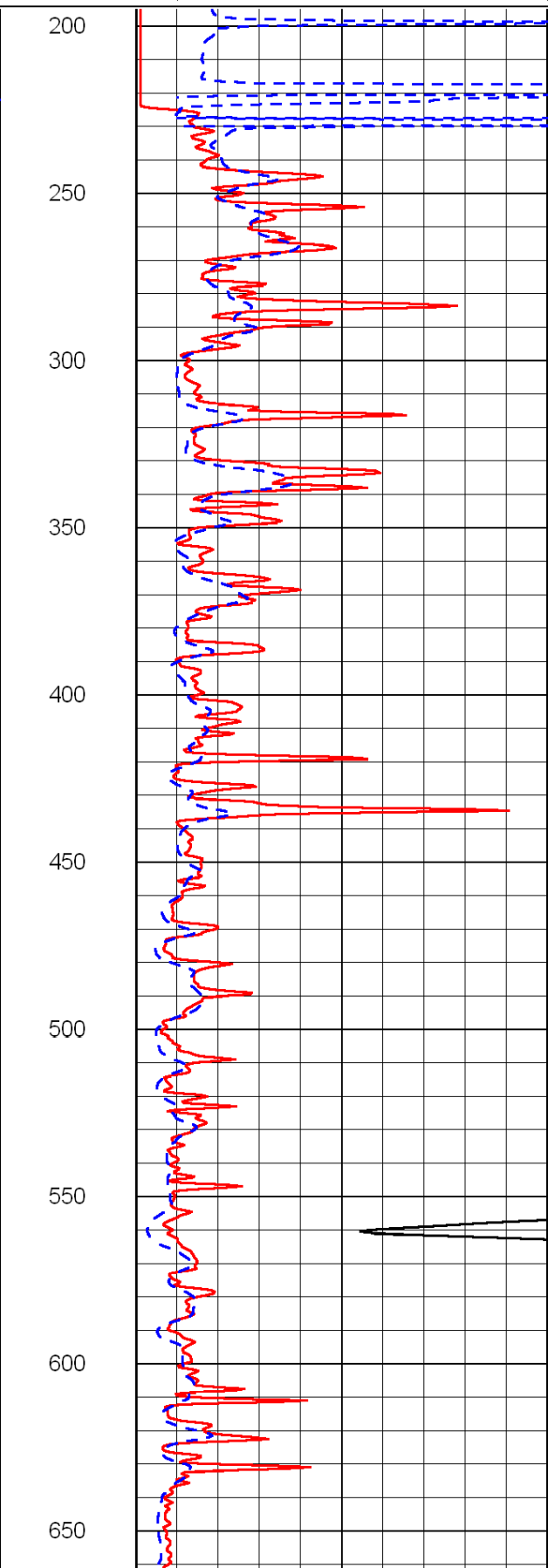
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0

50	Shallow Resistivity	500
50	Deep Resistivity	500

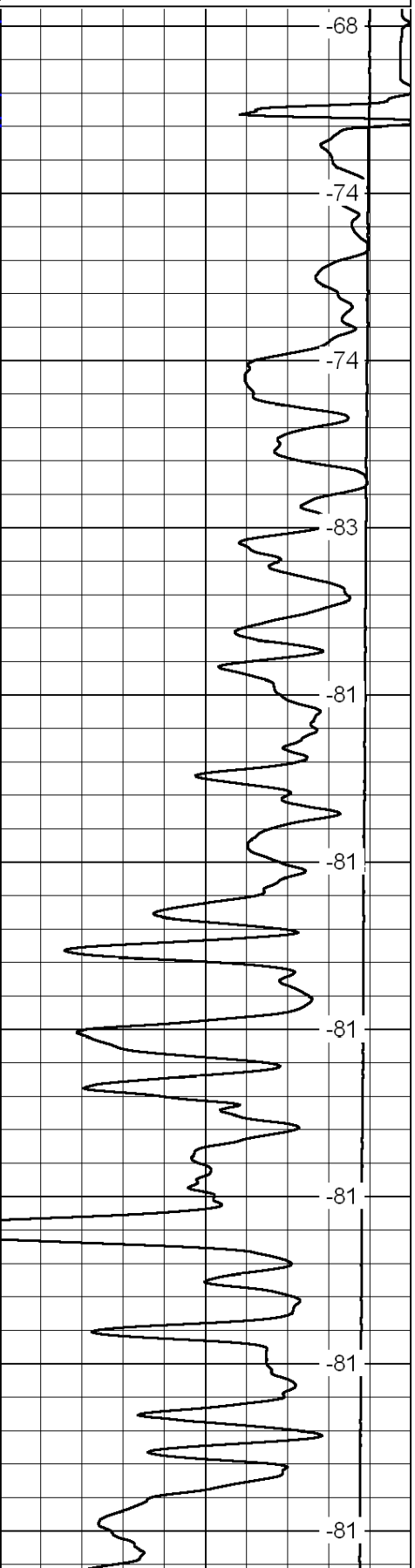


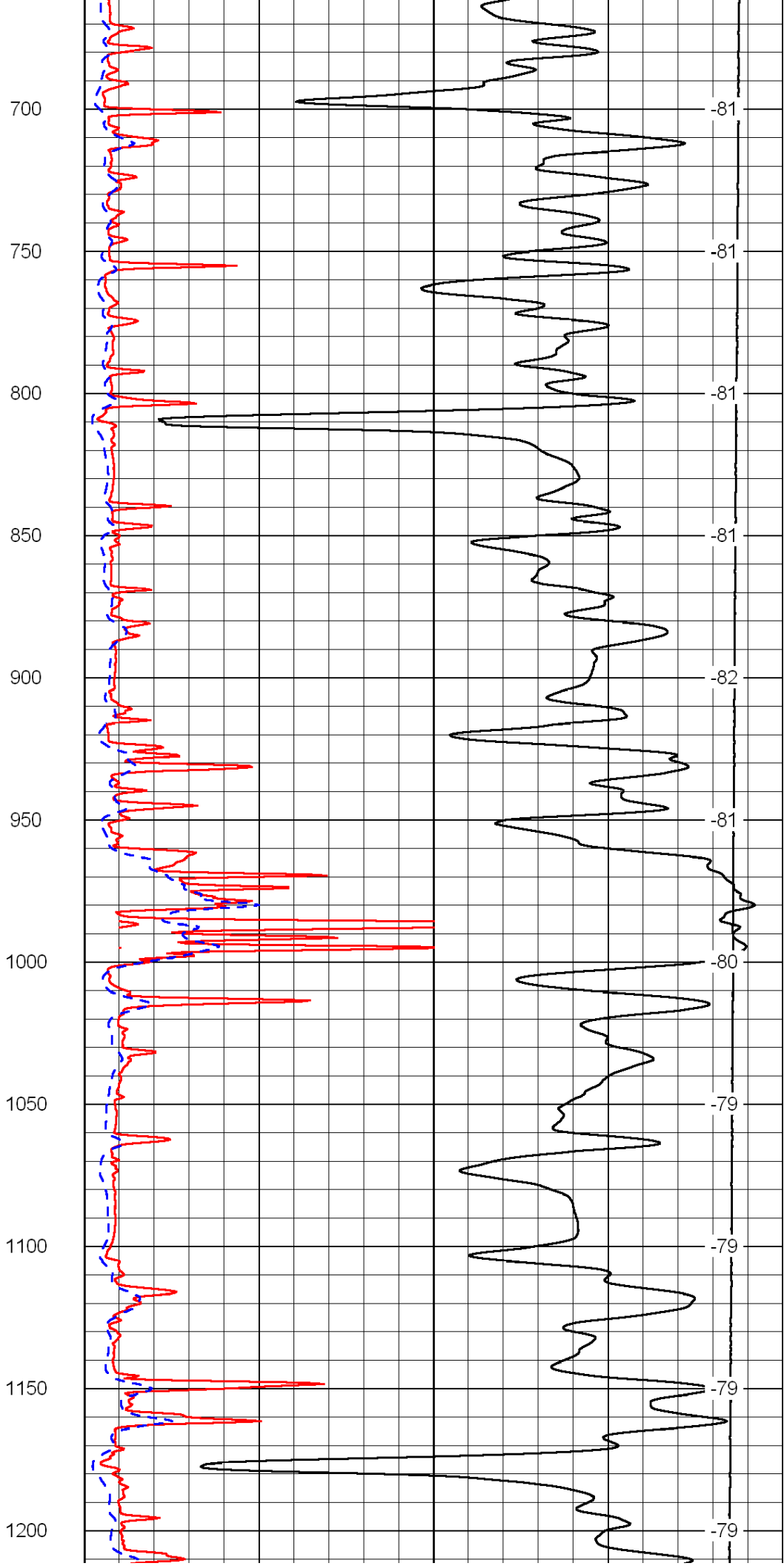
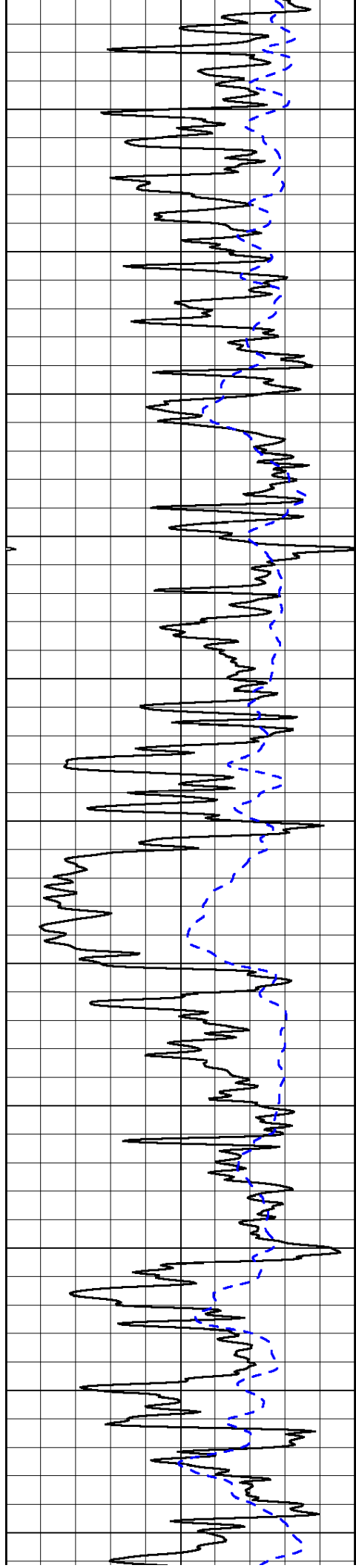
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0

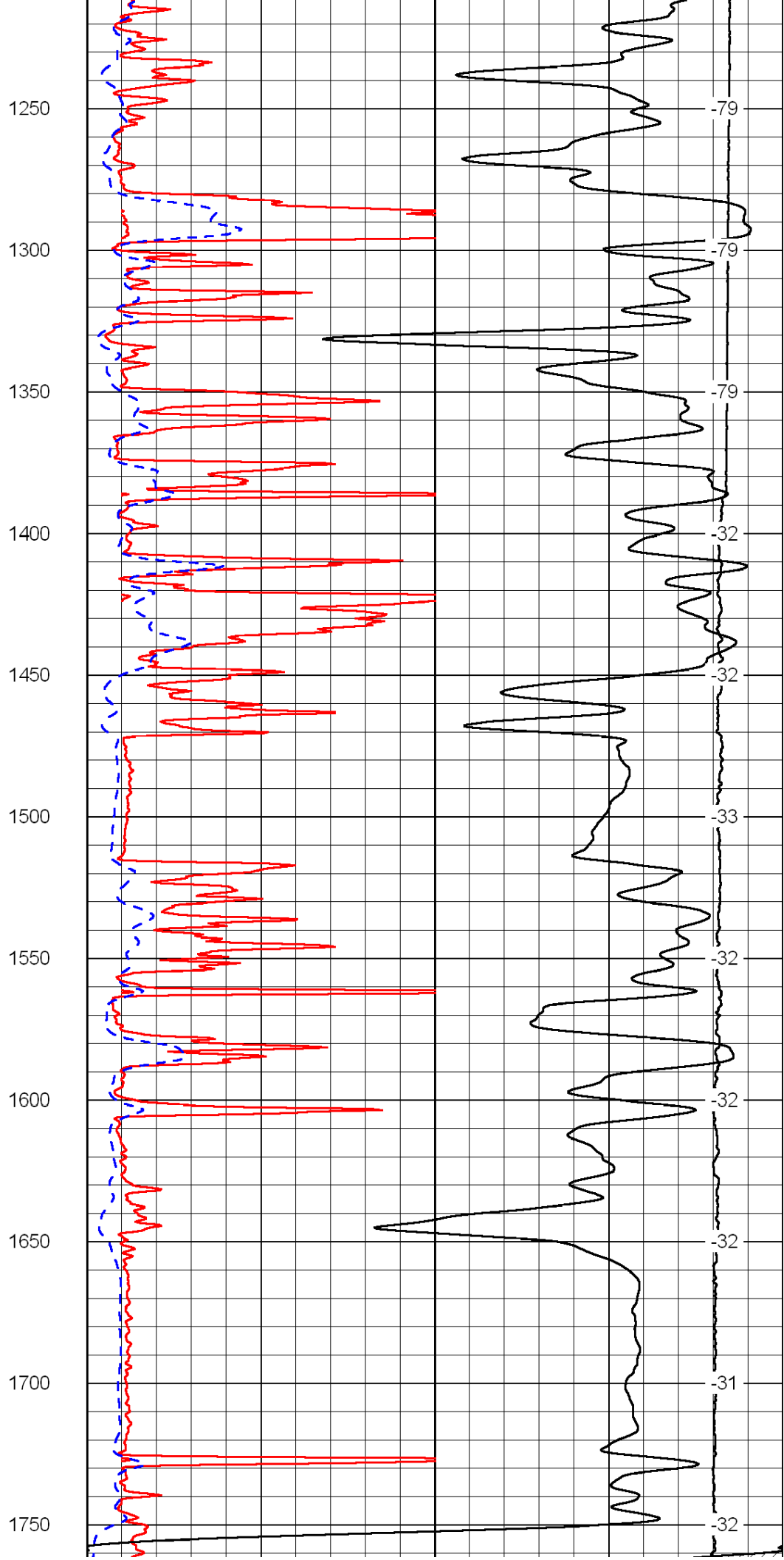
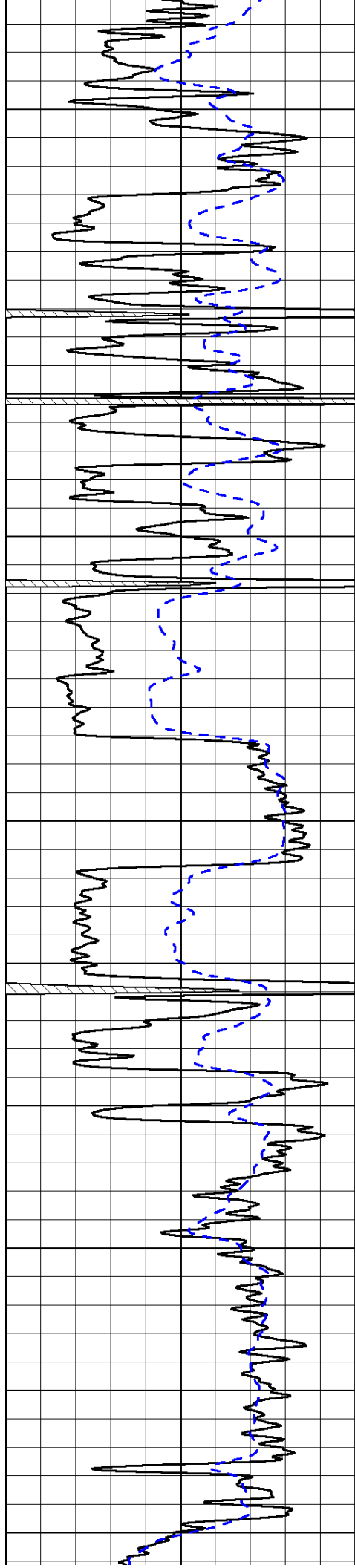
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50	Deep Resistivity	500

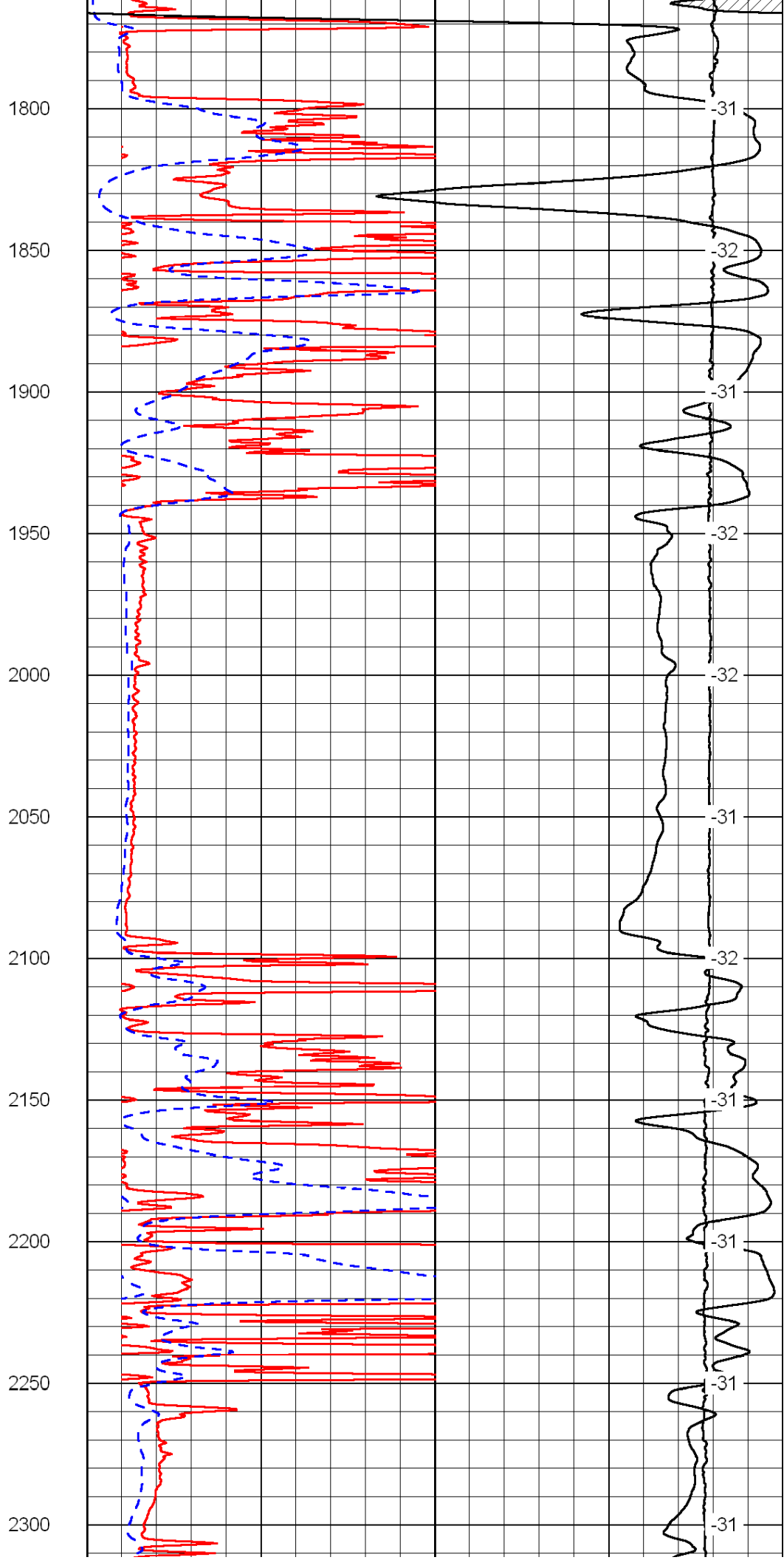
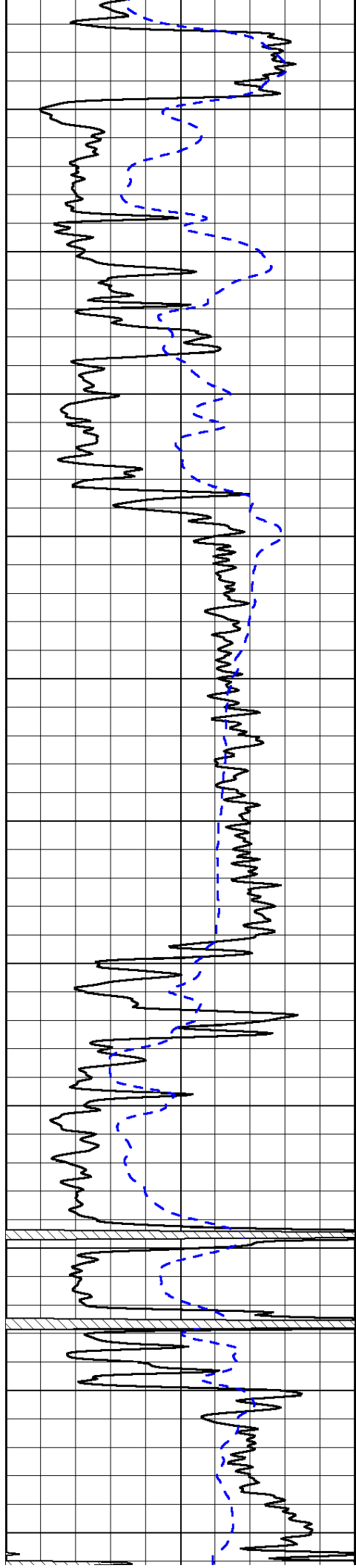


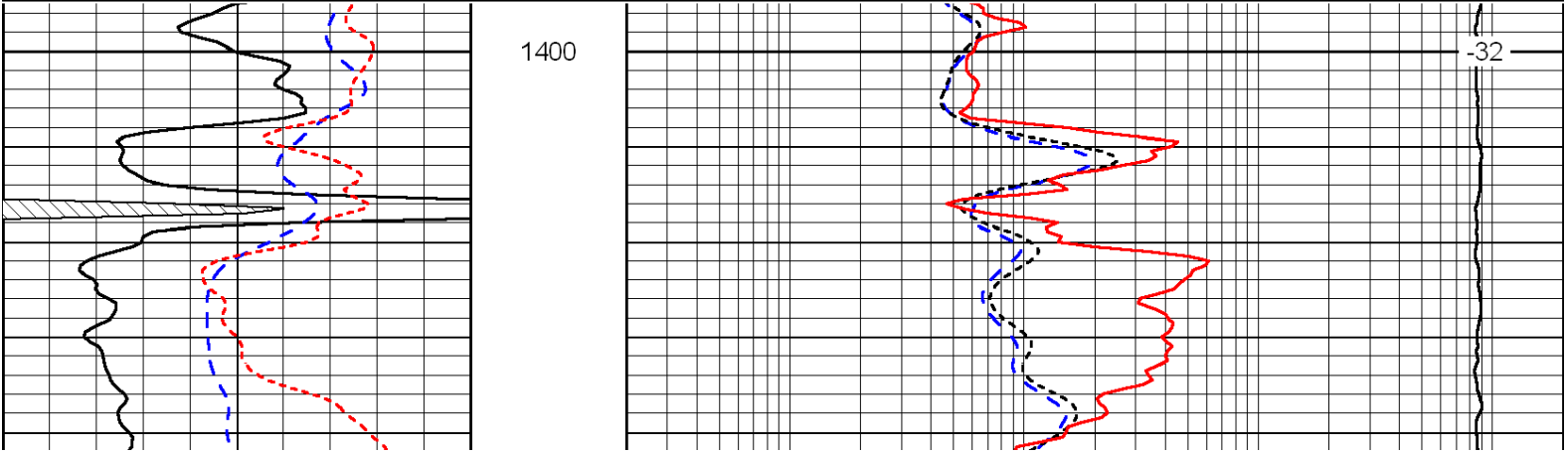
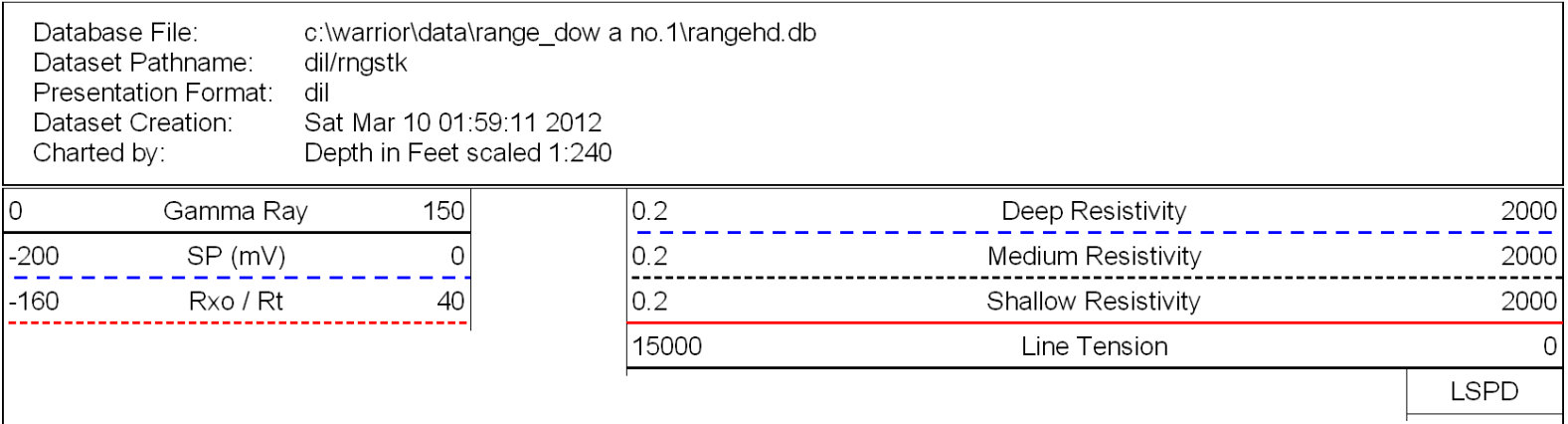
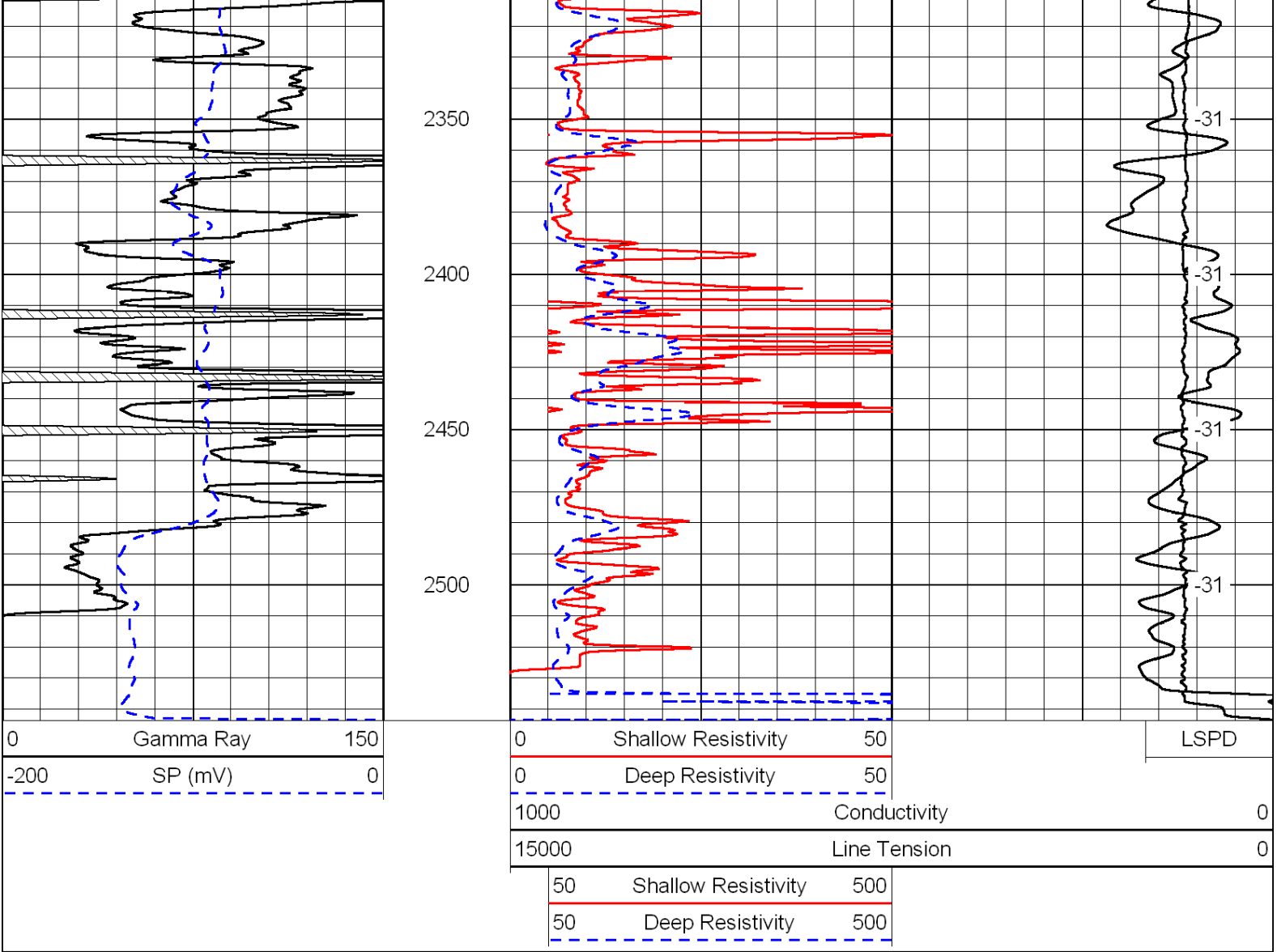
LSPD	0
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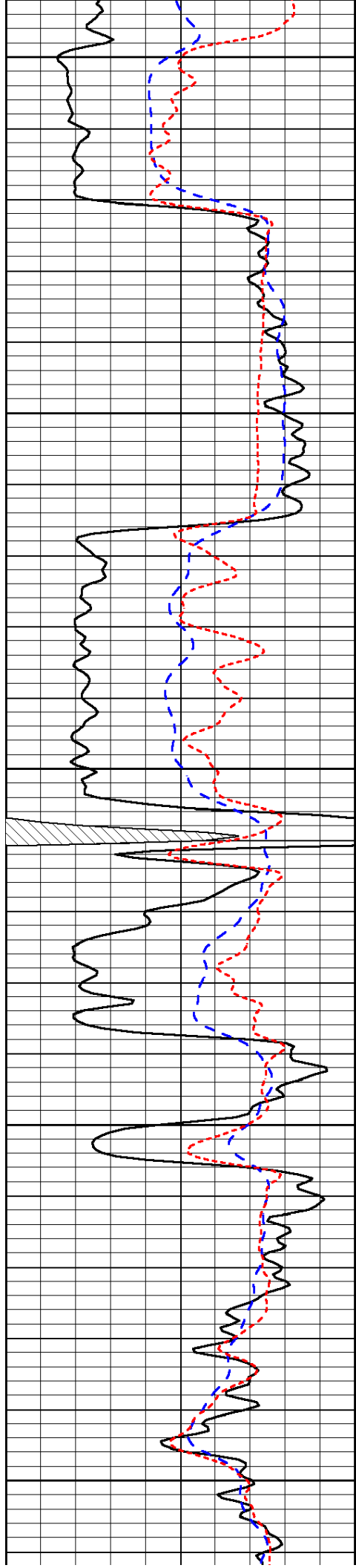












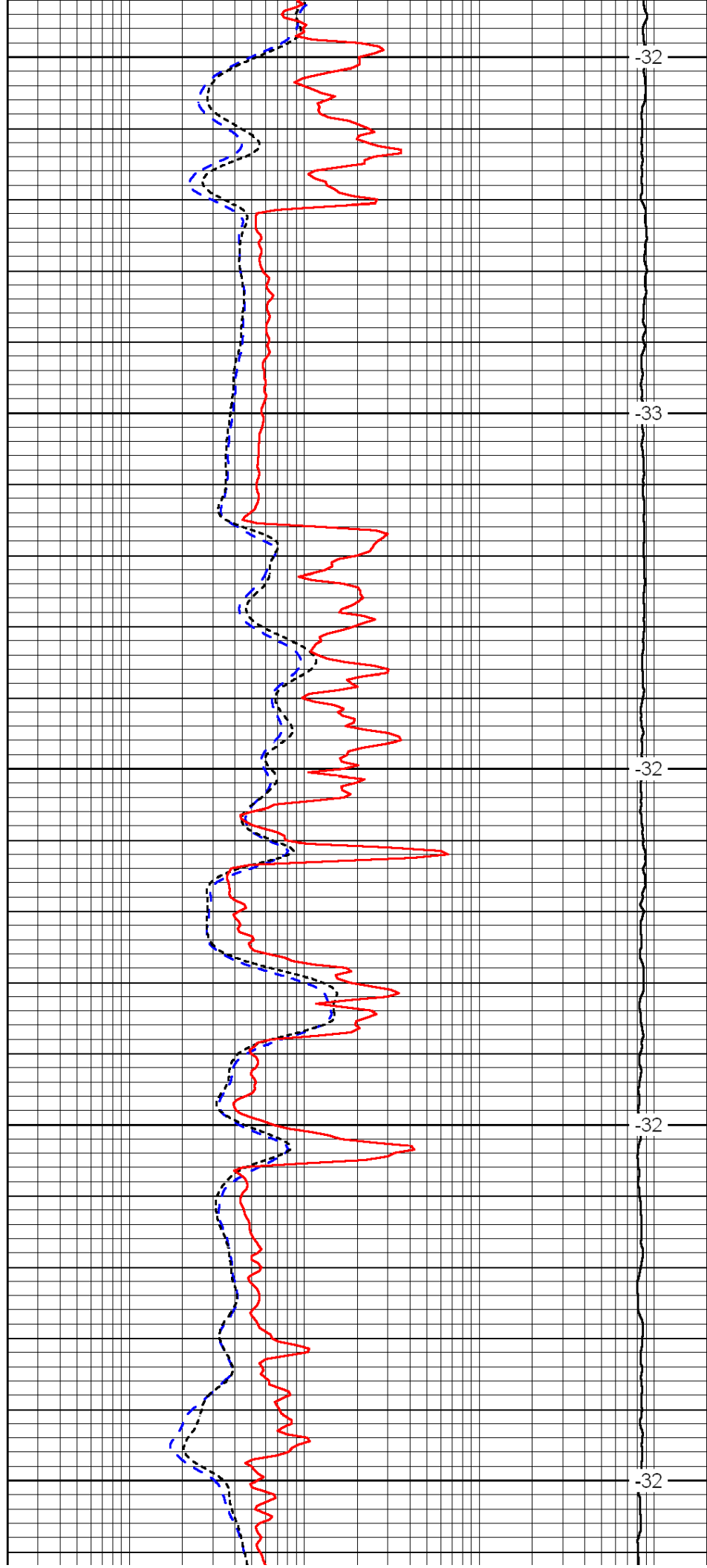
1450

1500

1550

1600

1650



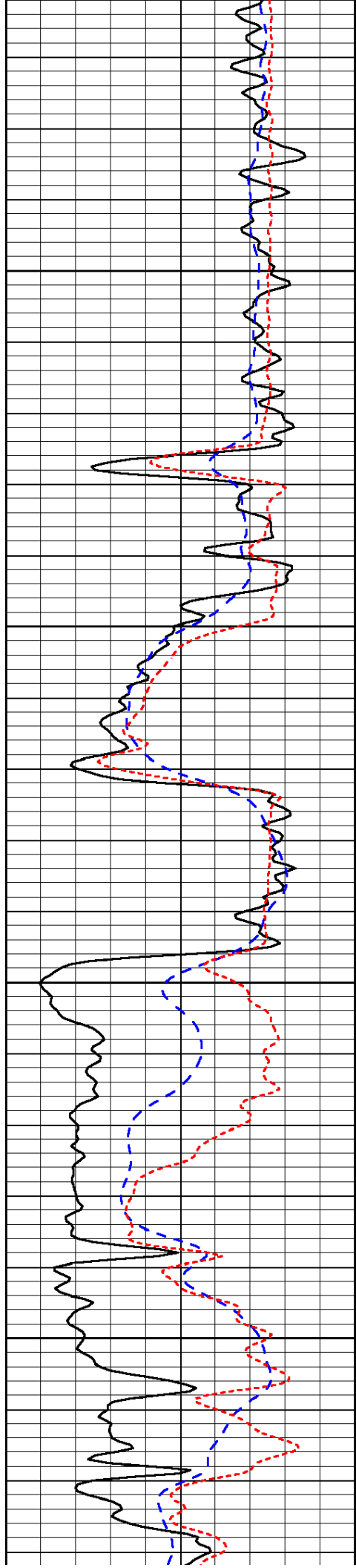
-32

-33

-32

-32

-32

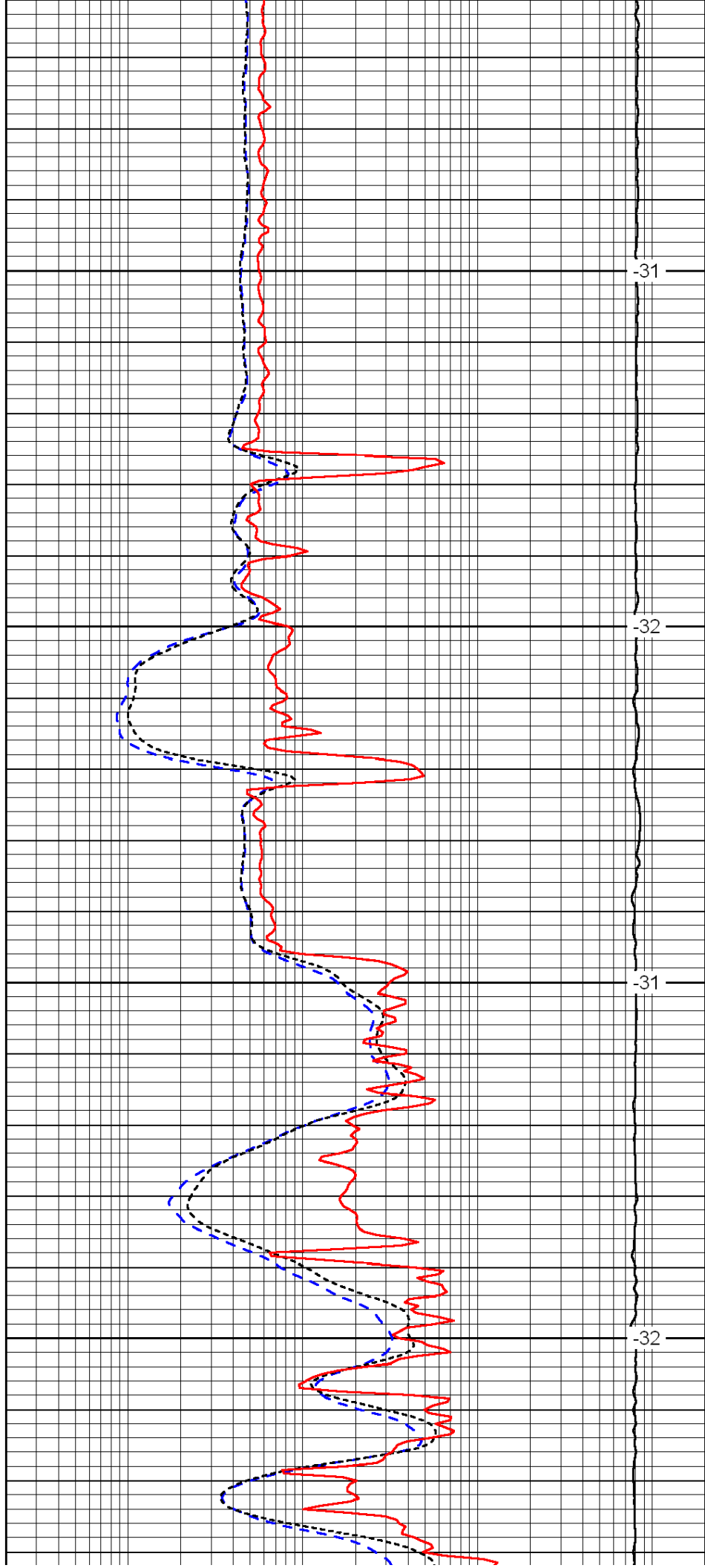


1700

1750

1800

1850

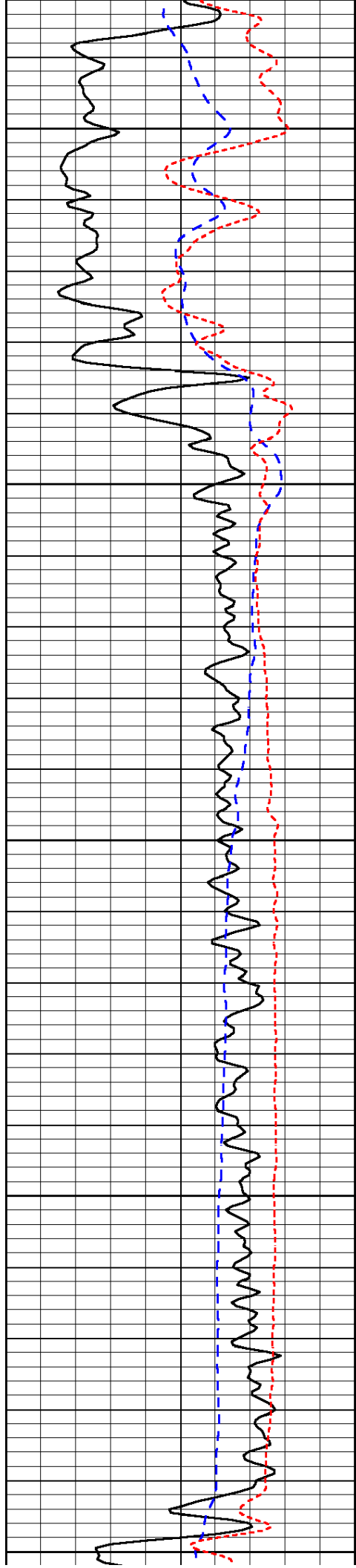


-31

-32

-31

-32



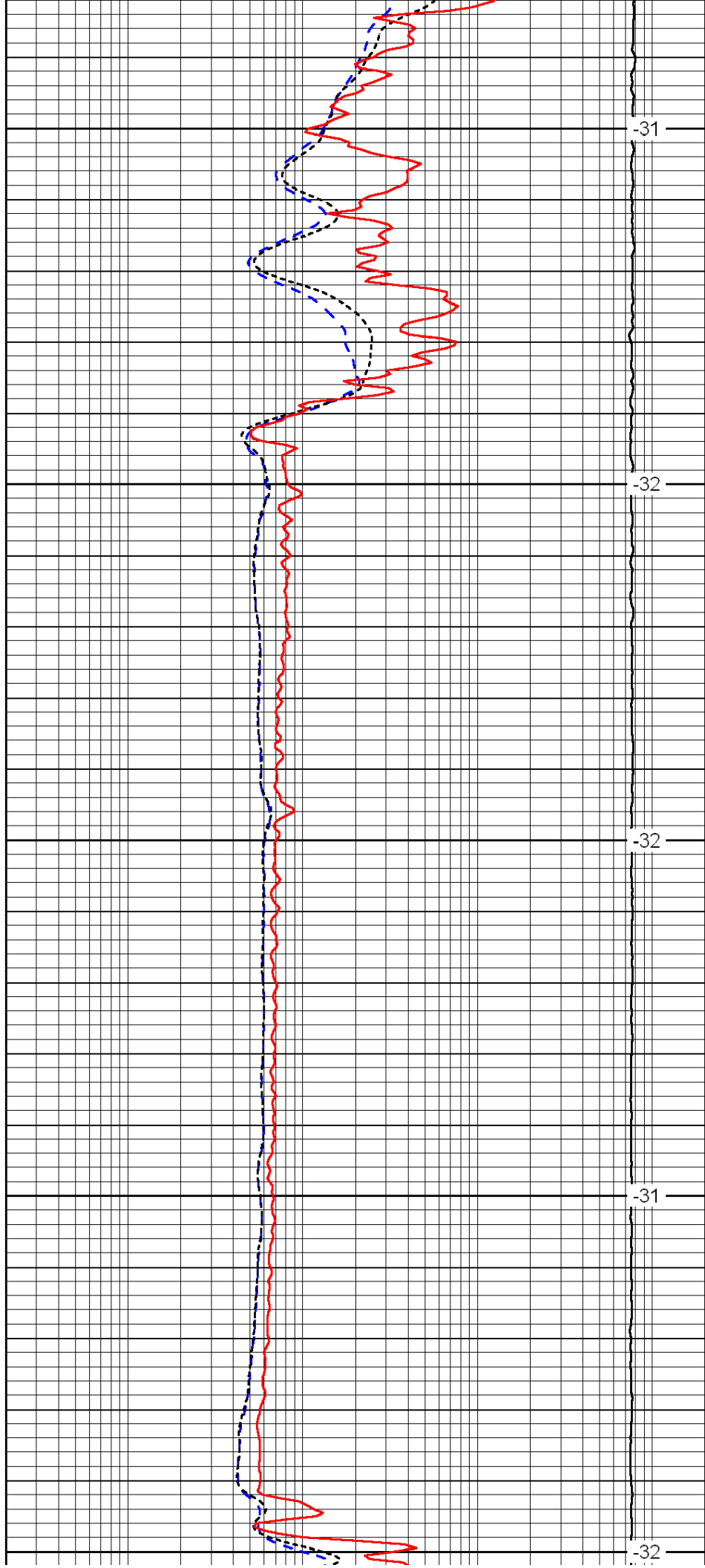
1900

1950

2000

2050

2100



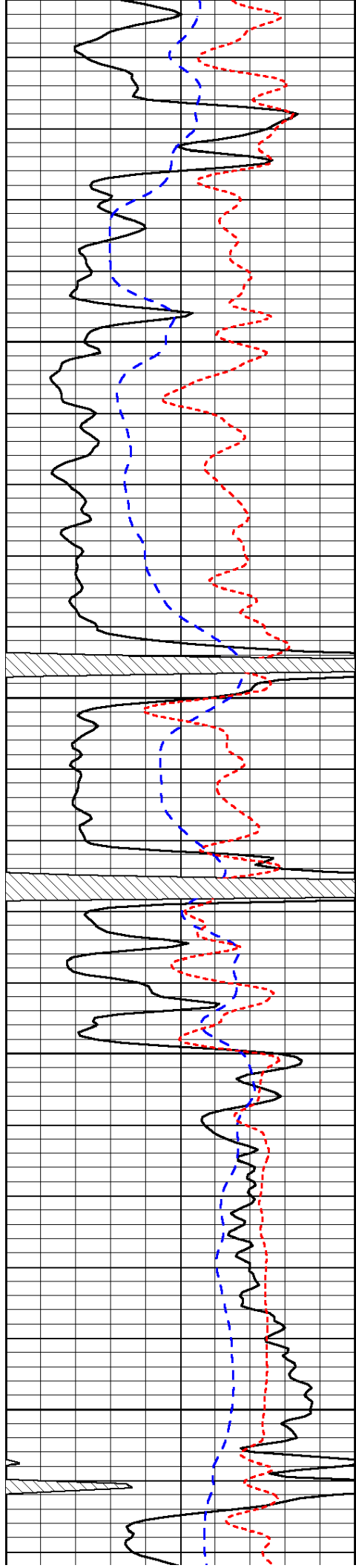
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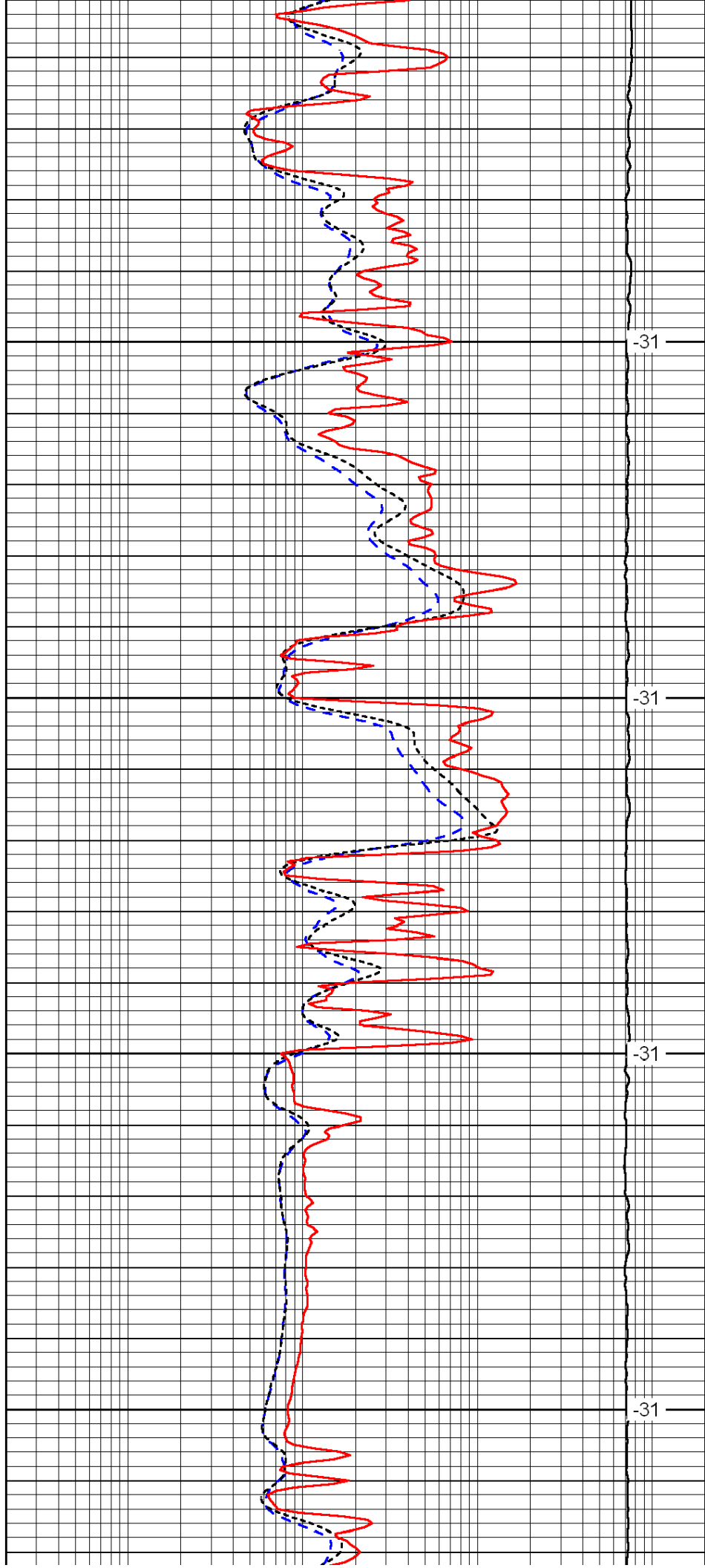


2150

2200

2250

2300

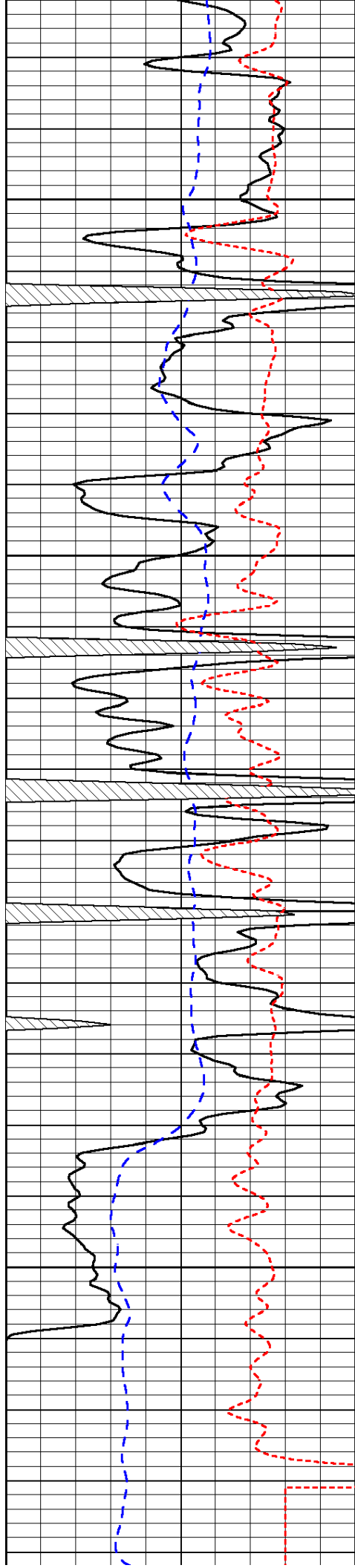


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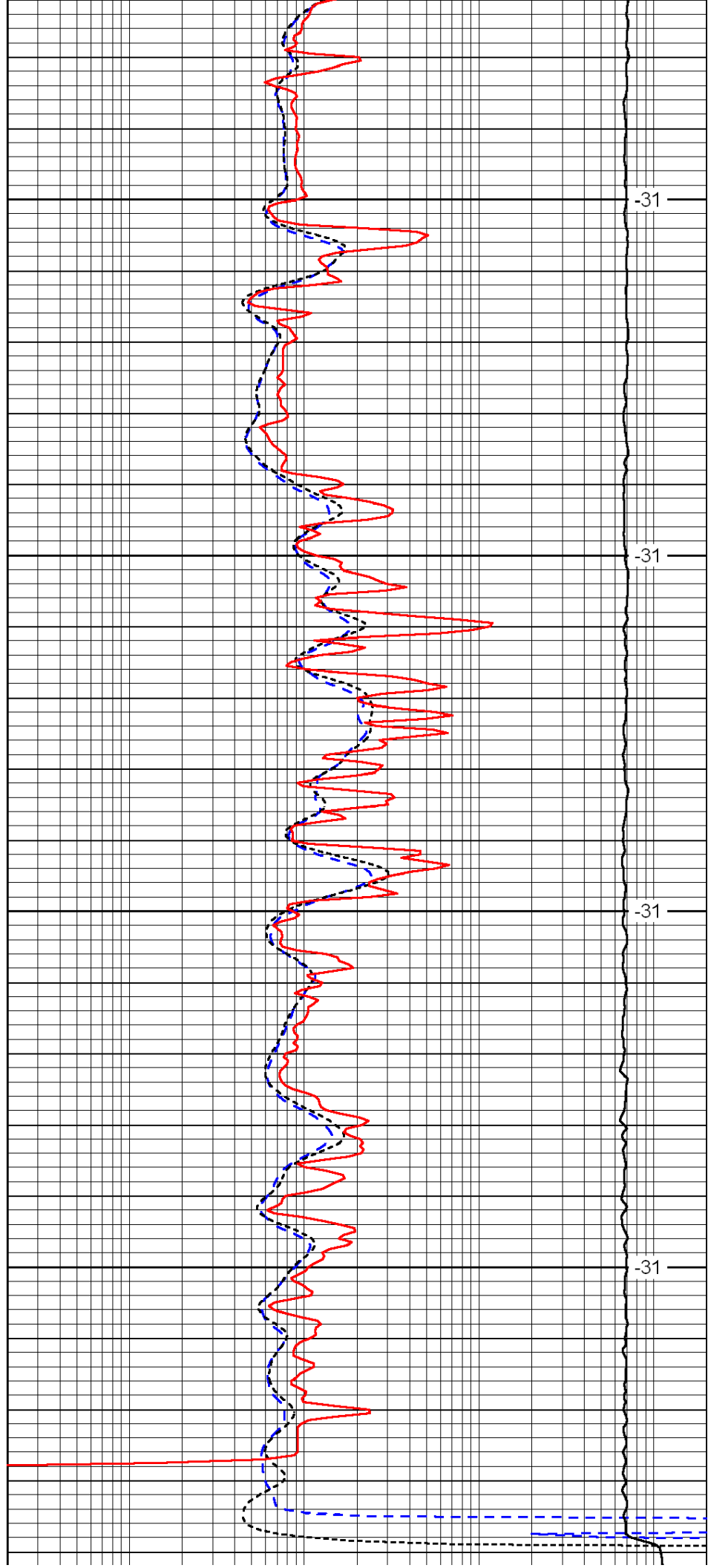


2350

2400

2450

2500



-31

-31

-31

-31

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