



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	15-159-22,594-00-00	
Company	Gilbert-Stewart Operating	
Well	Big Red No. 11	
Field	Chase-Silica	
County	Rice	State
		Kansas
Location	1700' FNL & 815' FEL	
Sec: 16	Twp: 20 S	Rge: 10 W
Permanent Datum	Ground Level	Elevation 1826
Log Measured From	Kelly Bushing	8 Ft. Above Perm. Datum
Drilling Measured From	Frotkelly Bushing	
		Other Services CNL/CDL MEL/BHCS
		Elevation K.B. 1834 D.F. 1826 G.L. 1826

Date	07/04/2009	
Run Number	One	
Depth Driller	3475	
Depth Logger	3472	
Bottom Logged Interval	3471	
Top Log Interval	300	
Casing Driller	8.625 @ 317	
Casing Logger	314	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	10,300	
Density / Viscosity	9.15	58
pH / Fluid Loss	10.5	9.8
Source of Sample	Flowline	
Rm @ Meas. Temp	.58 @	81
Rmf @ Meas. Temp	.44 @	81
Rmc @ Meas. Temp	.78 @	81
Source of Rmf / Rmc	Charts	
Rm @ BHT	.42 @	113
Operating Rig Time	6 Hours	
Max Rec. Temp. F	113	
Equipment Number	4	
Location	Hays	
Recorded By	K. Bange	
Witnessed By	Adam Kennedy	

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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

Ellinwood, E to county line, 3 E to 4th rd, 2 1/2 S, W into

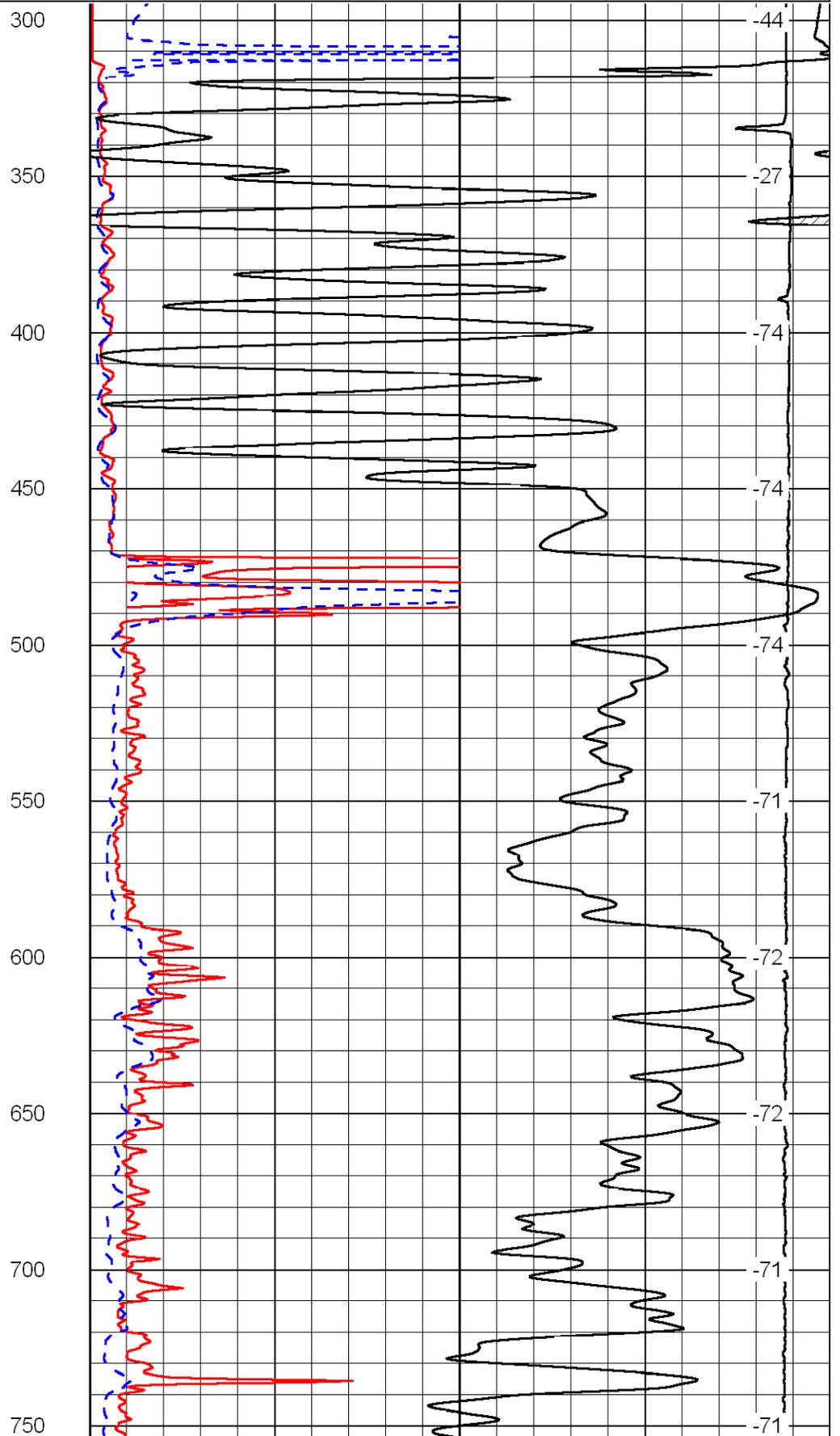
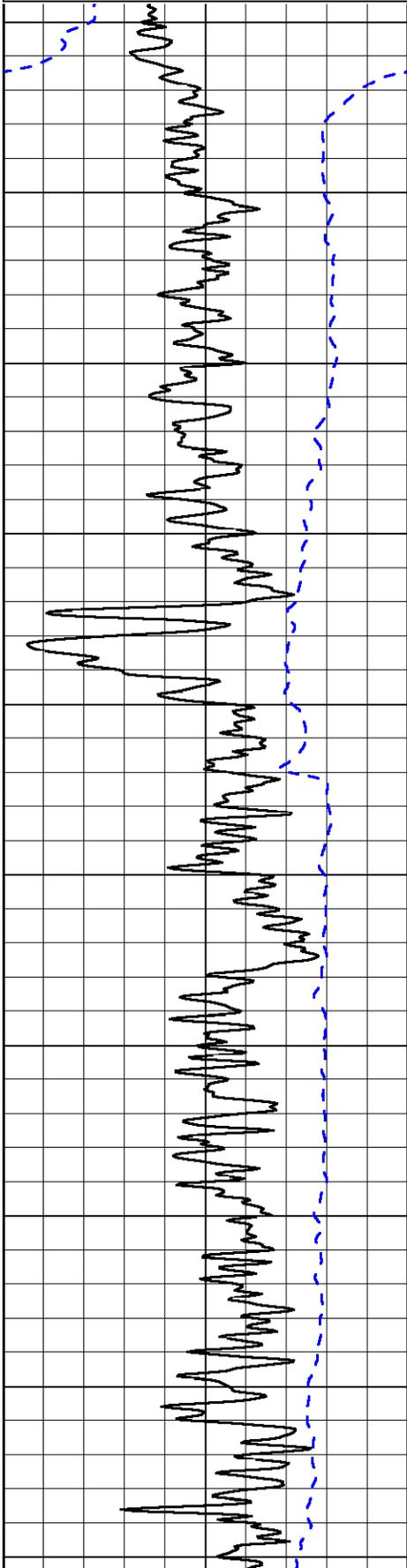
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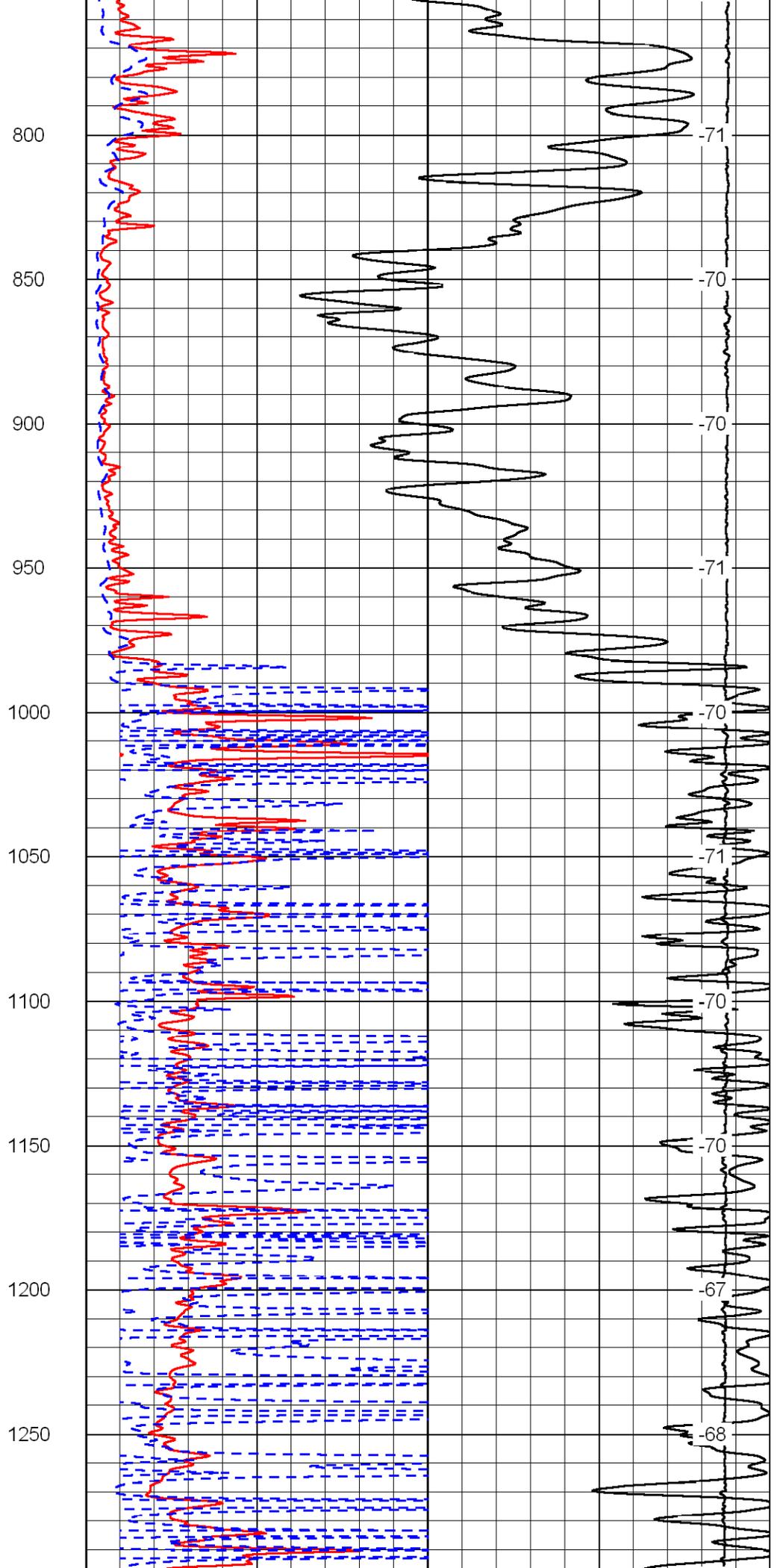
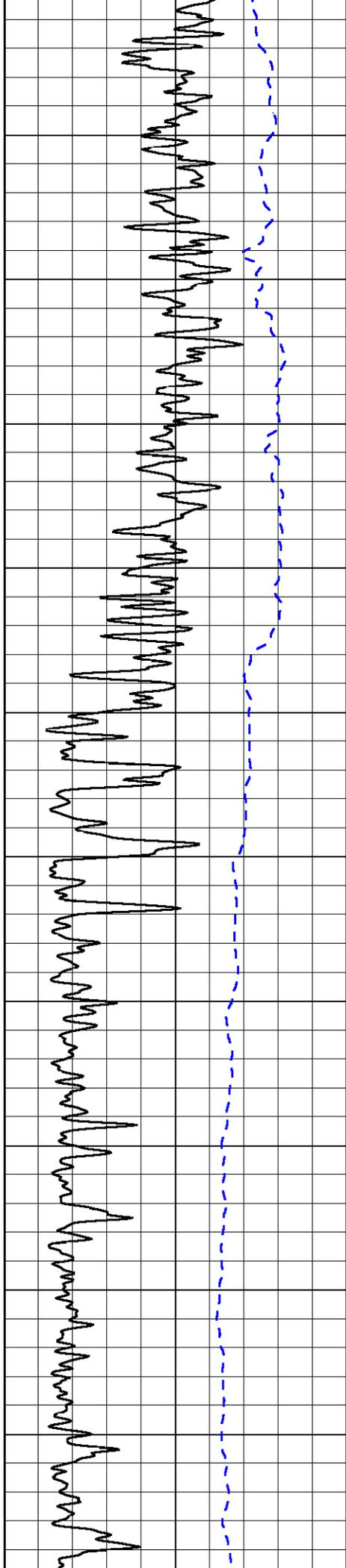
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-200 SP (MV) 0

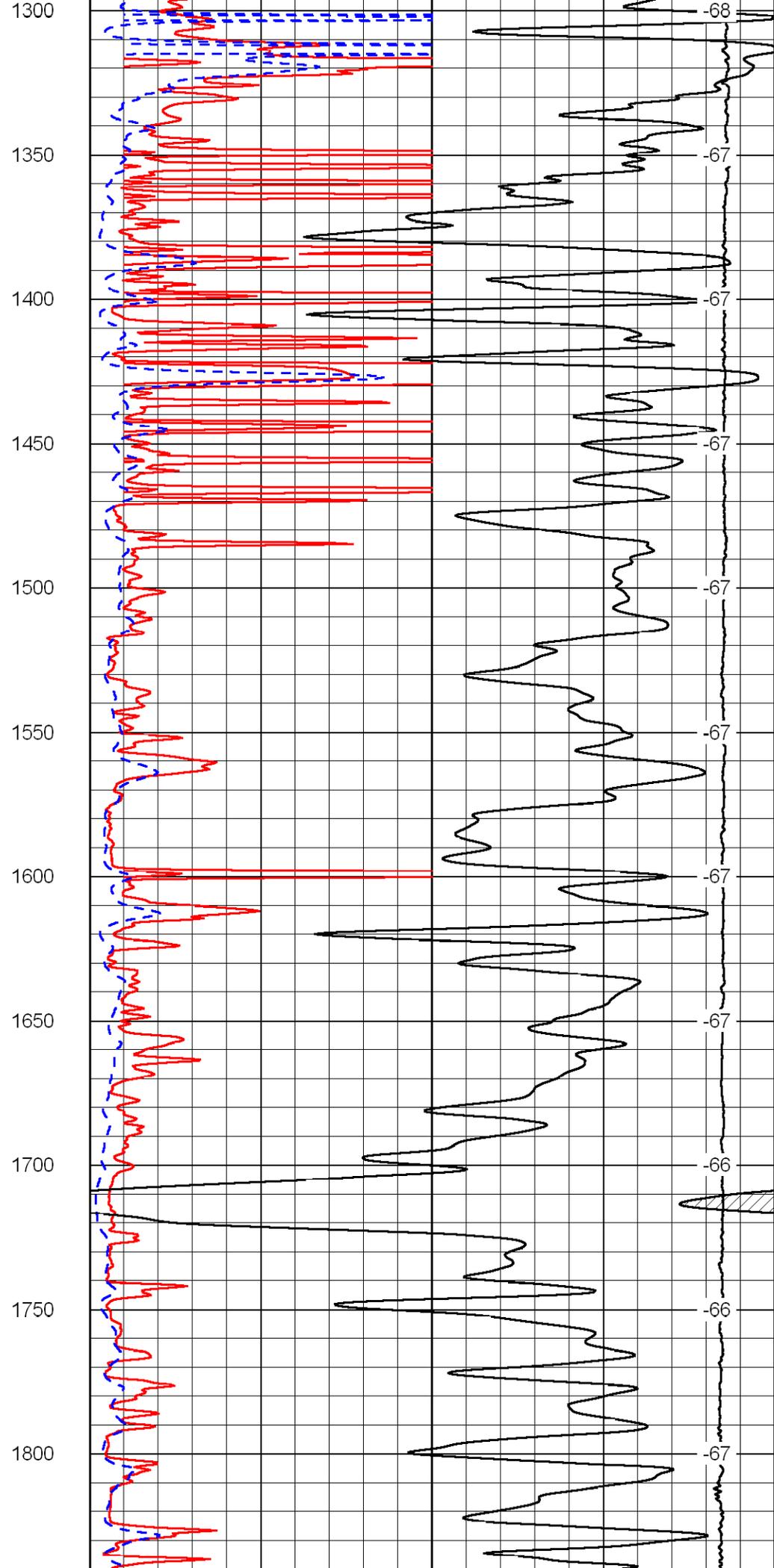
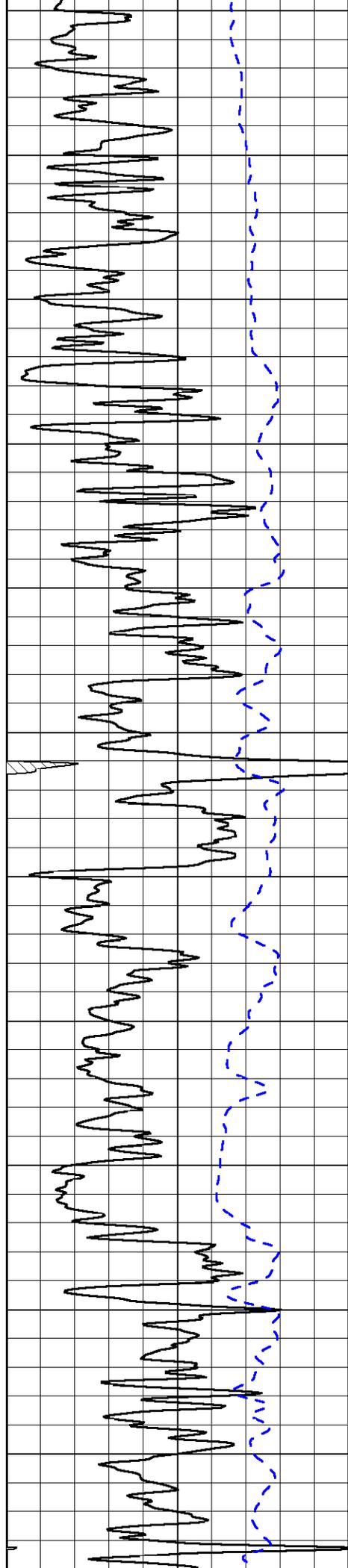
0 Shallow Resistivity (Ohm-m) 50
0 Deep Resistivity (Ohm-m) 50
1000 Conductivity (mmho/m) 0
15000 Line Tension (lb) 0

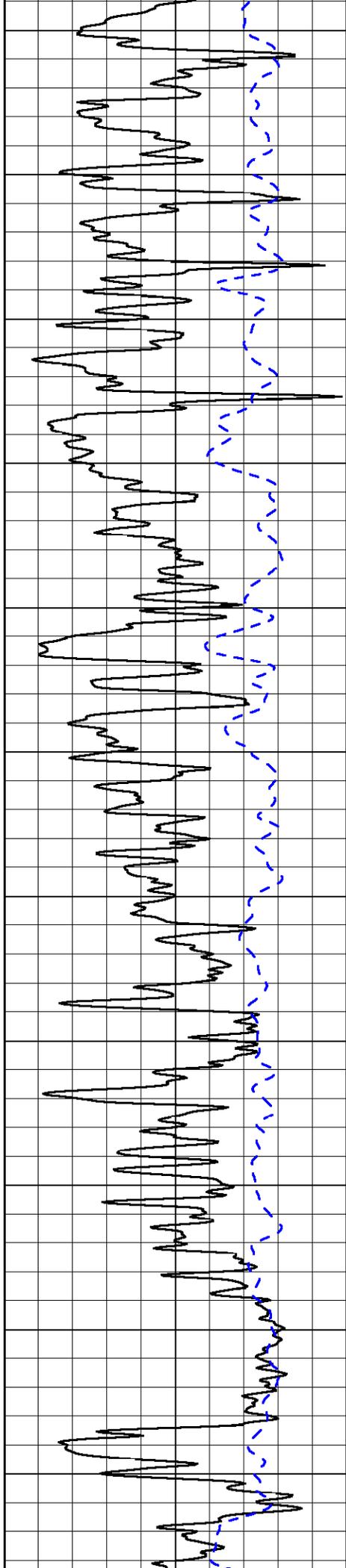
LSPD
(ft/min)

Shallow Resistivity
50 (Ohm-m) 500
50 Deep Resistivity (Ohm-m) 500

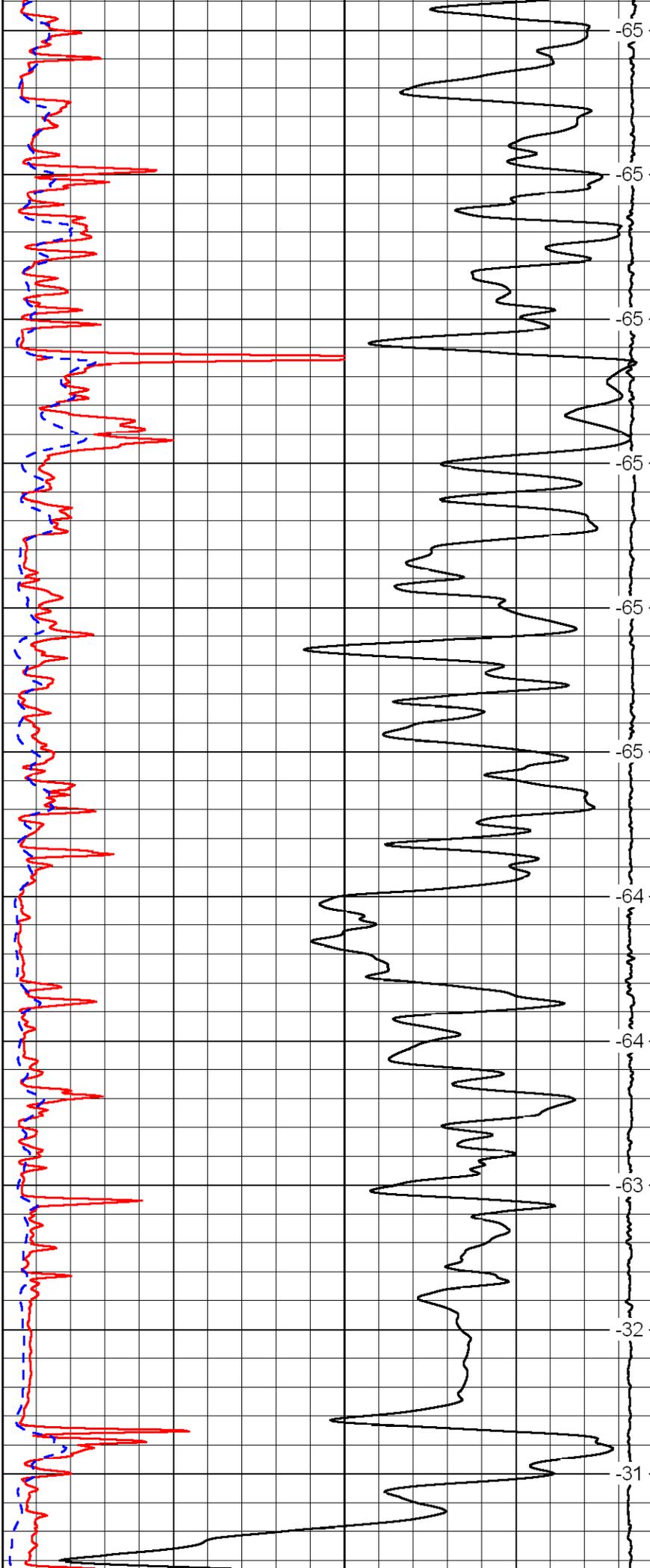




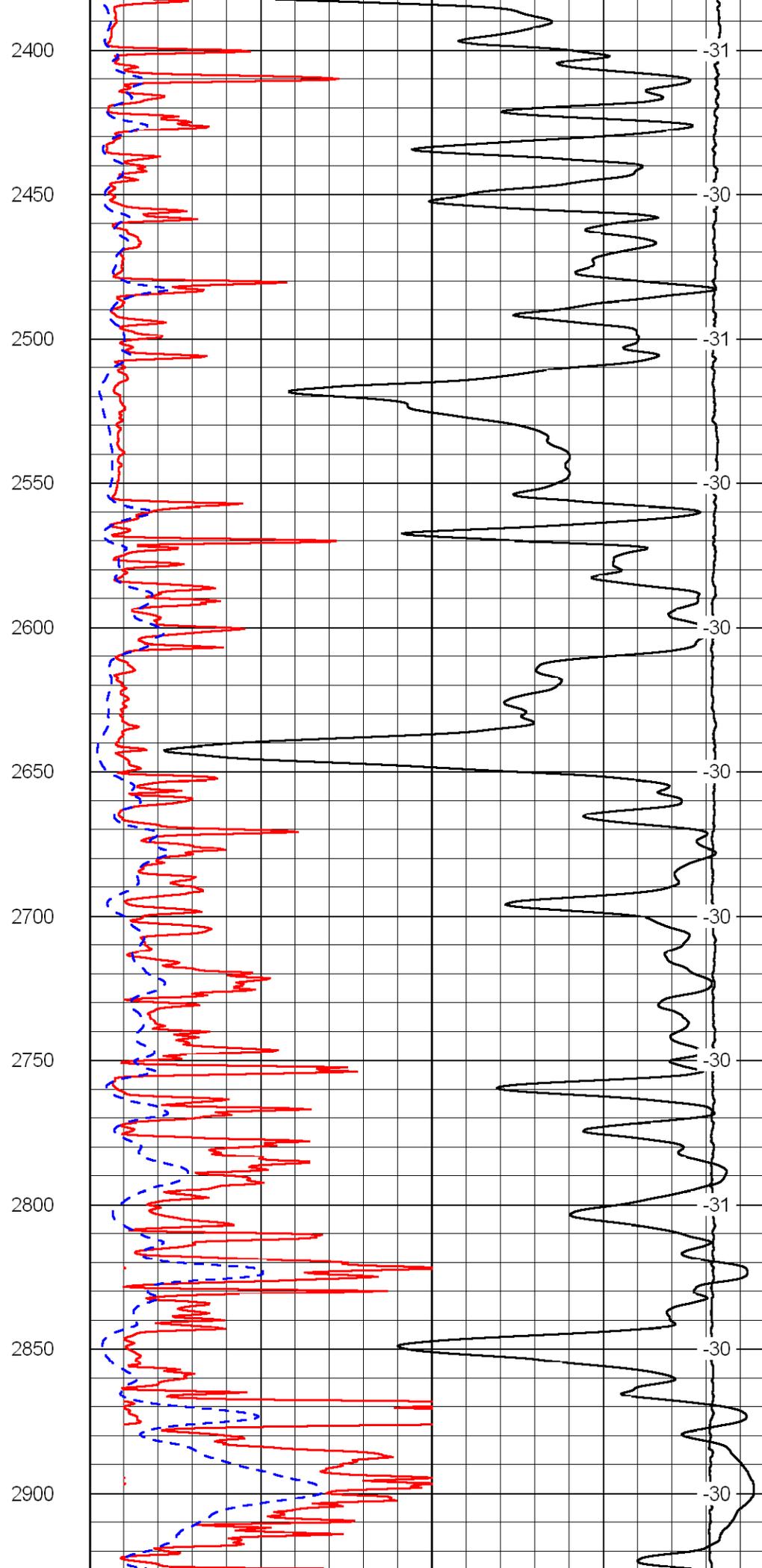
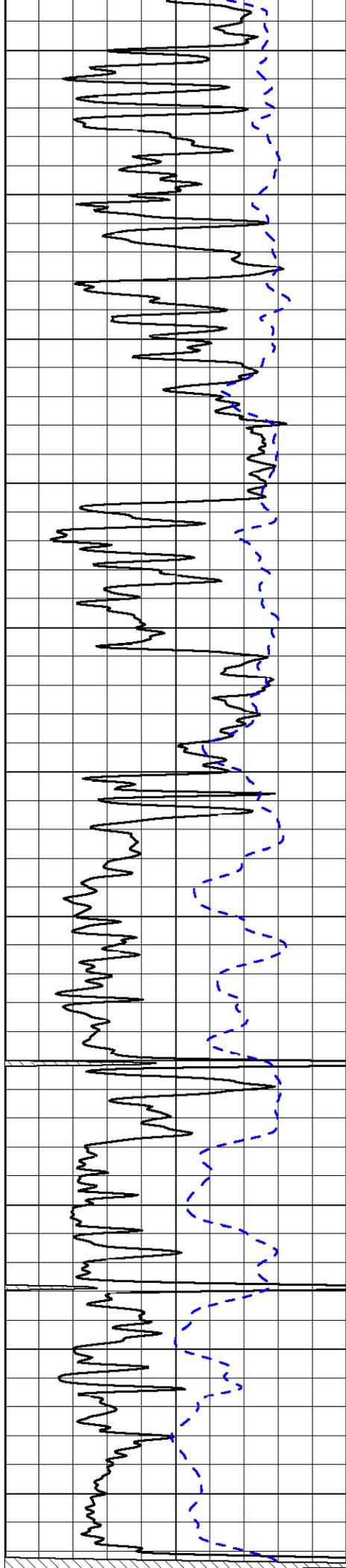


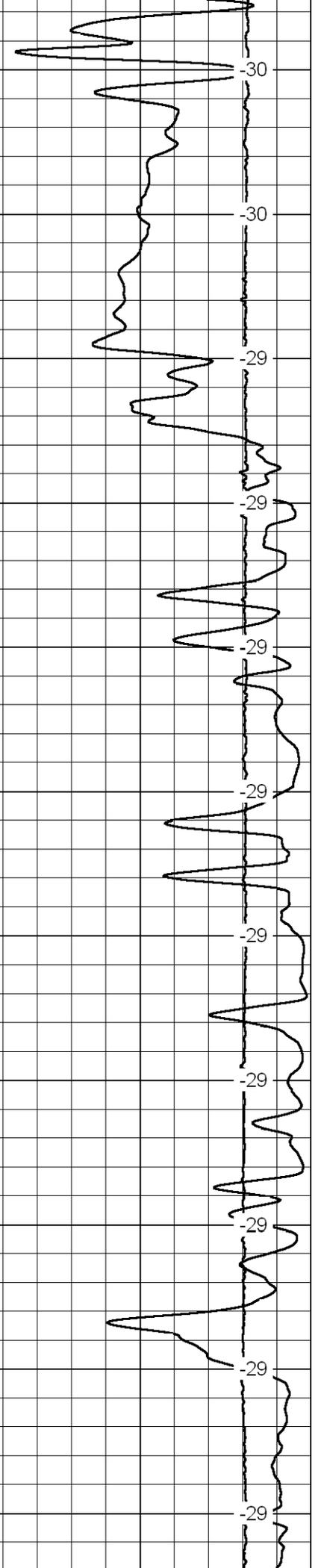
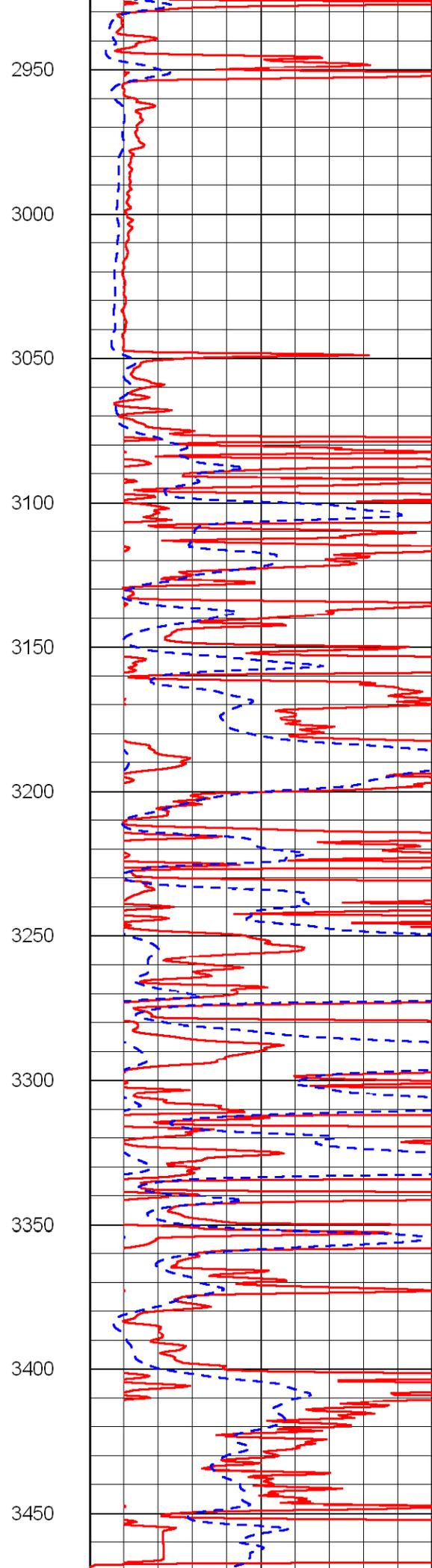
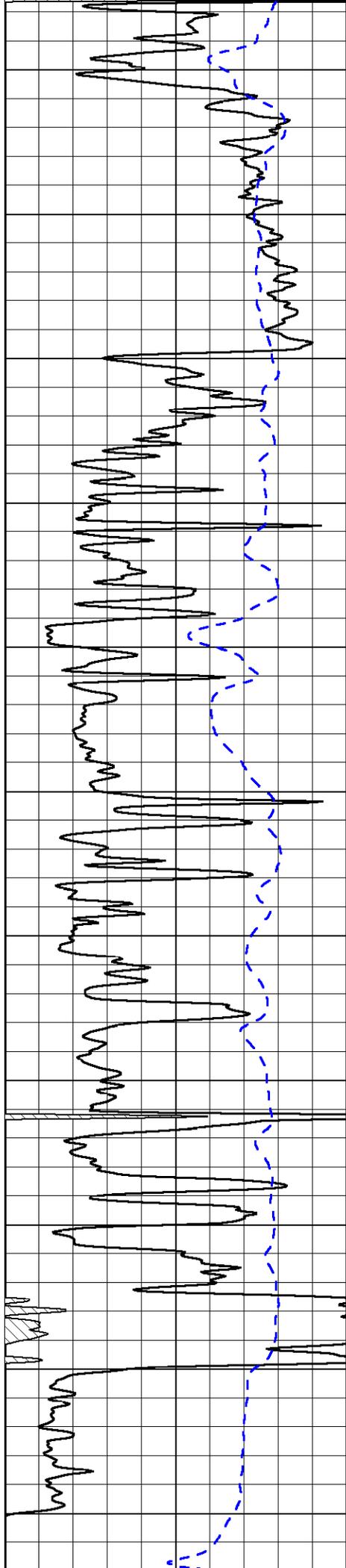


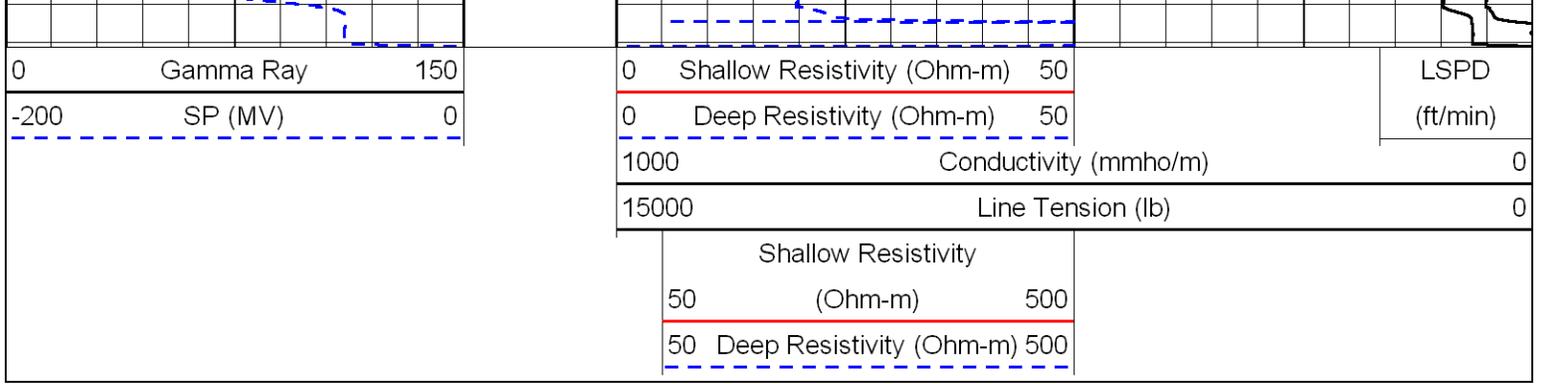
1850
1900
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2250
2300
2350



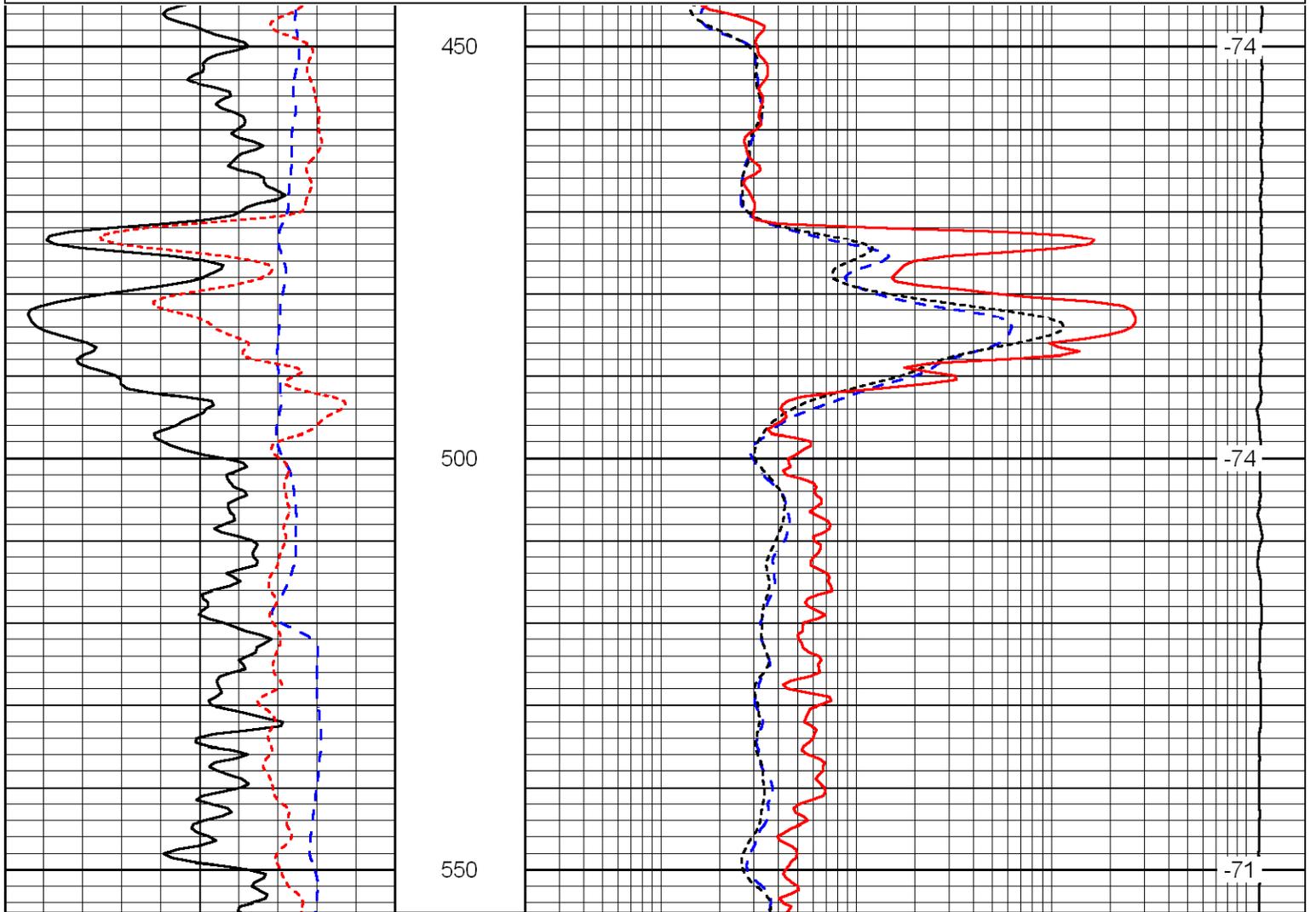
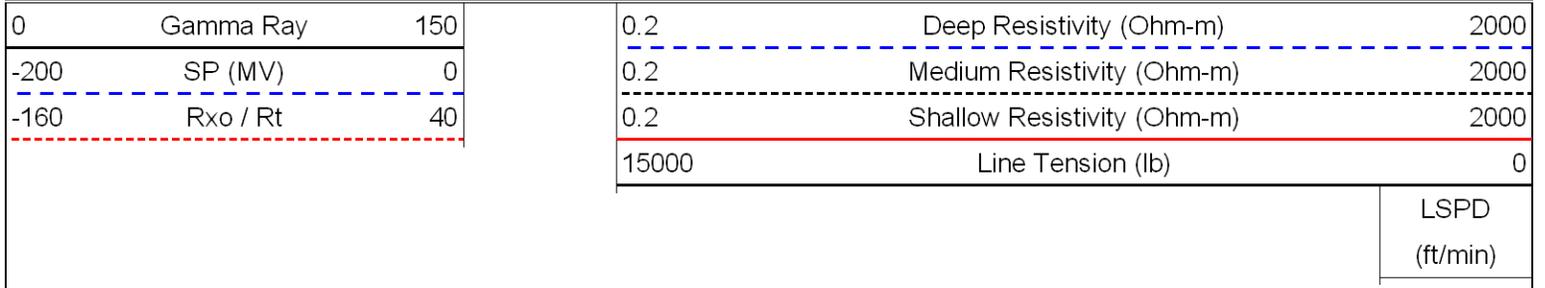
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-63
-32
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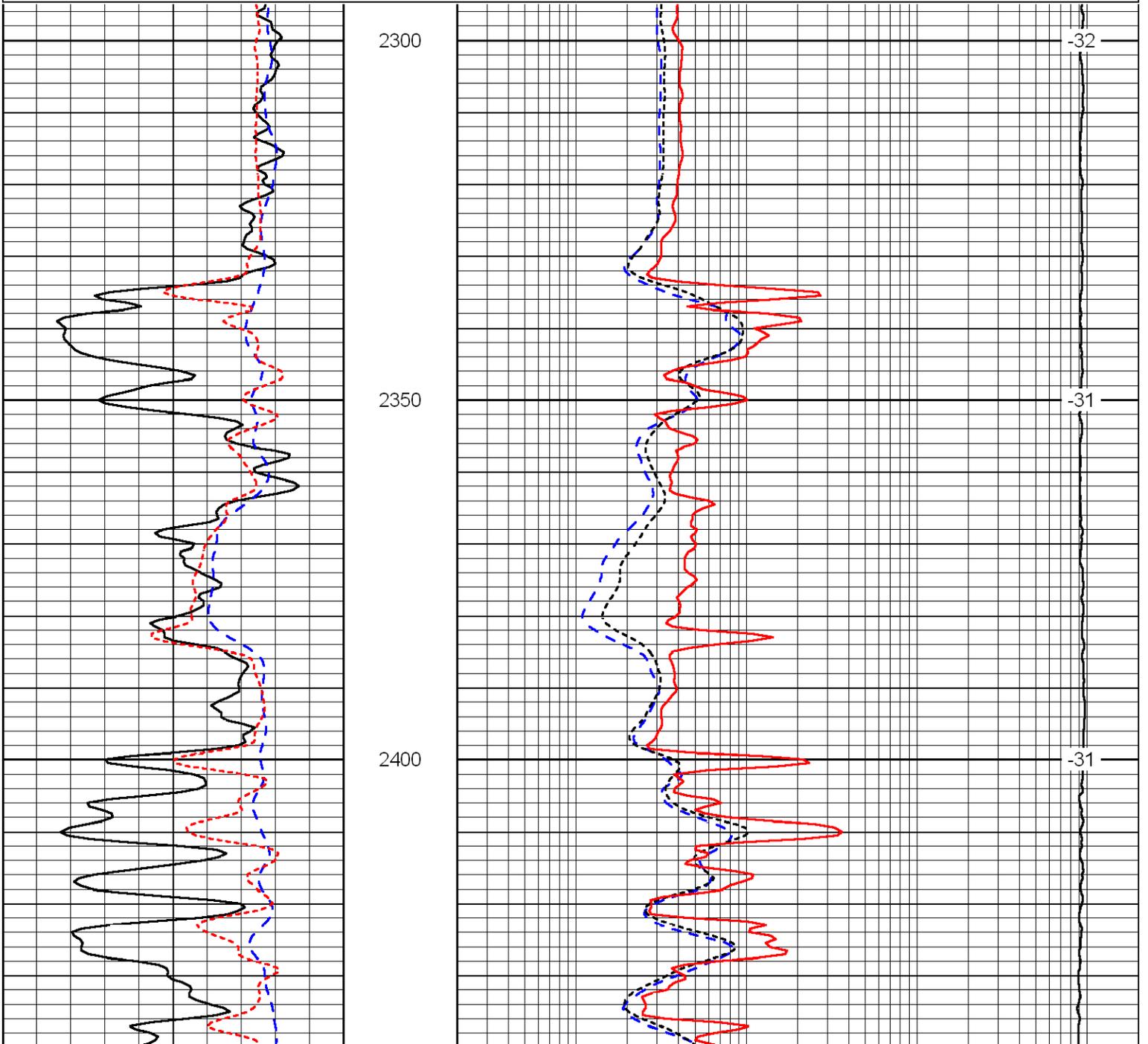
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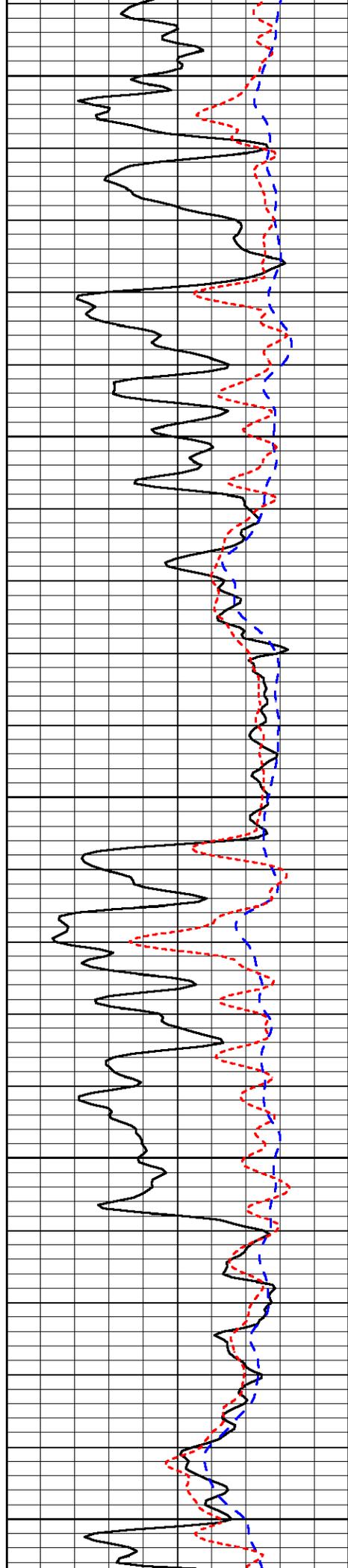


150	Rxo / Rt	150	0.2	Shallow Resistivity (Ohm-m)	2000
15000			15000	Line Tension (lb)	0
					LSPD (ft/min)

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0	Gamma Ray	150	0.2	Deep Resistivity (Ohm-m)	2000
-200	SP (MV)	0	0.2	Medium Resistivity (Ohm-m)	2000
-160	Rxo / Rt	40	0.2	Shallow Resistivity (Ohm-m)	2000
			15000	Line Tension (lb)	0
					LSPD (ft/min)





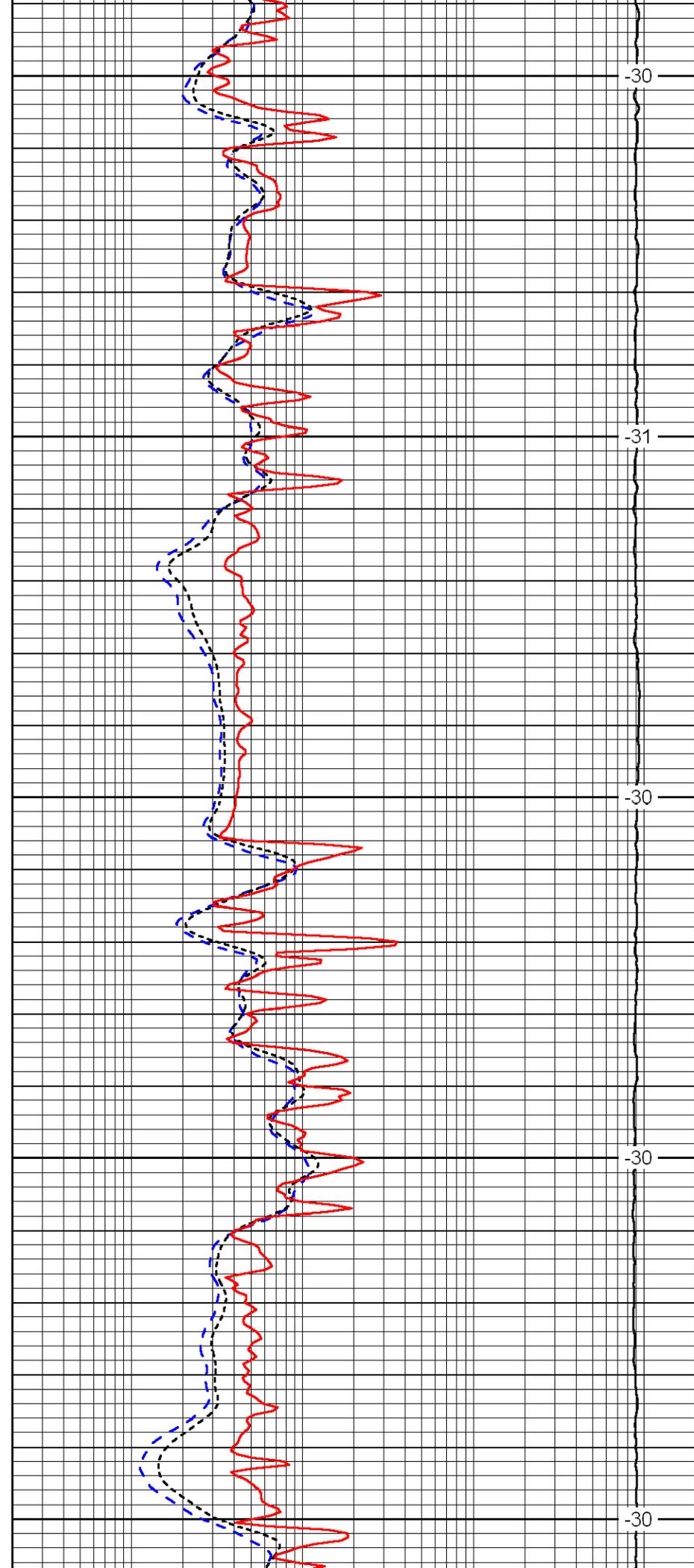
2450

2500

2550

2600

2650



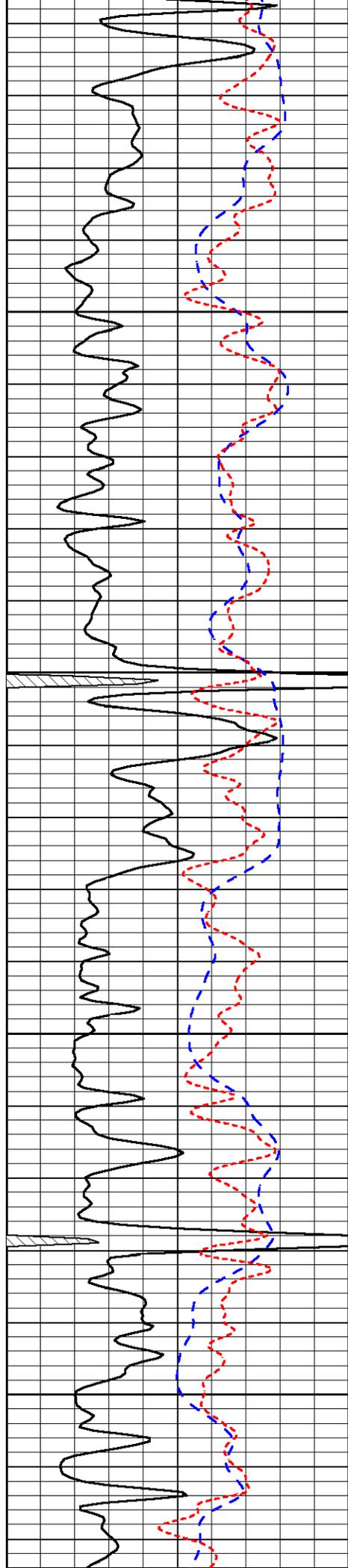
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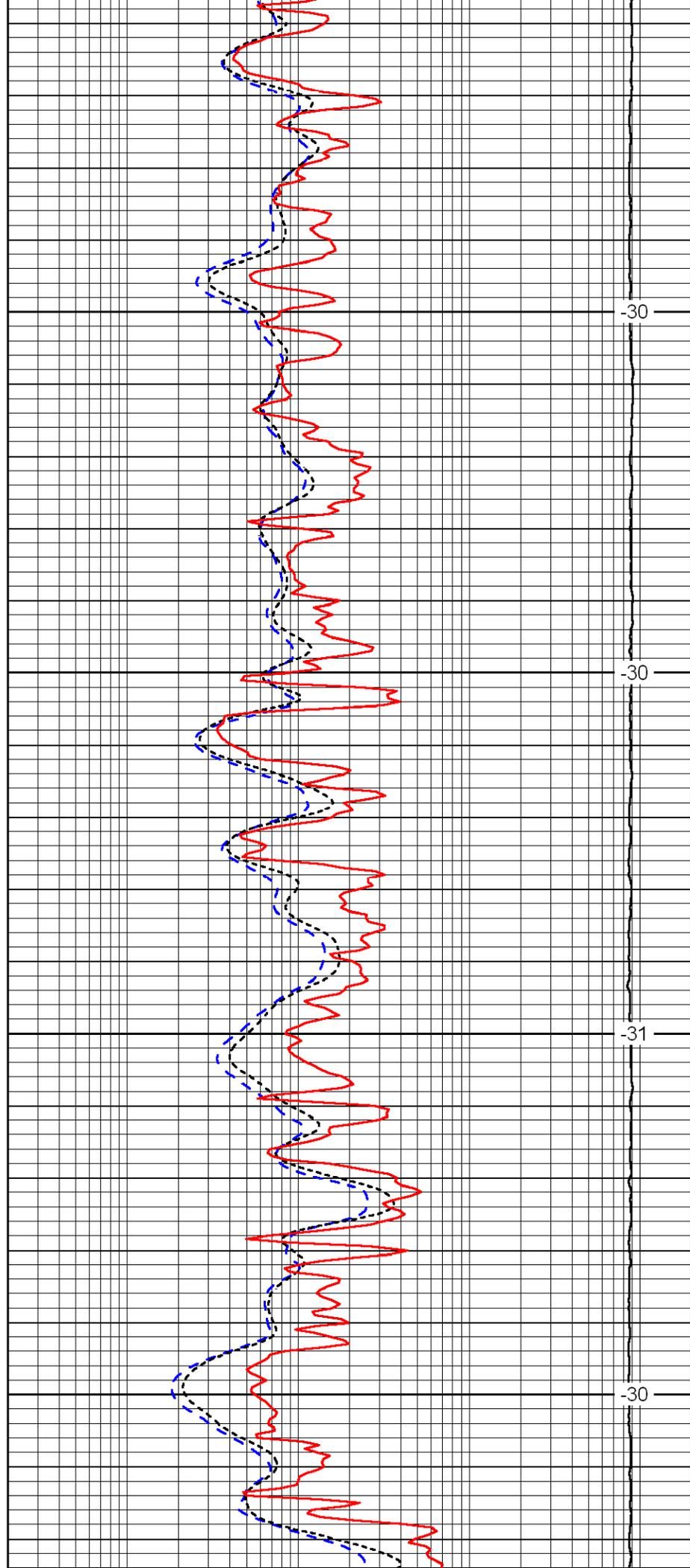


2700

2750

2800

2850

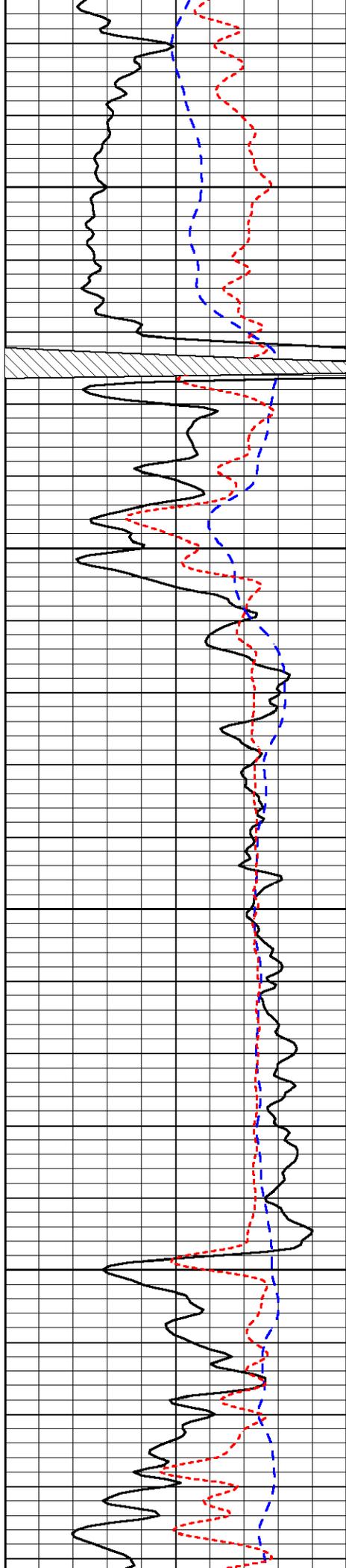


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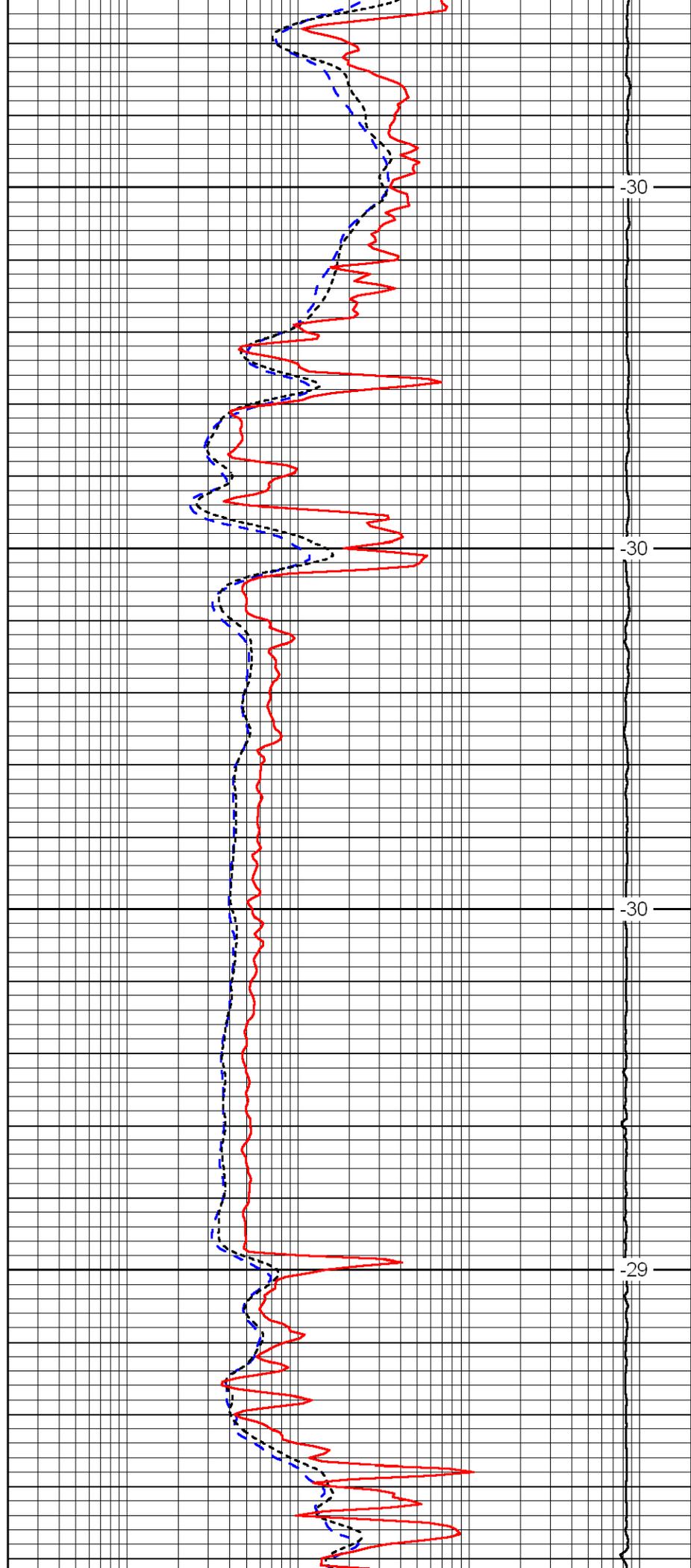


2900

2950

3000

3050

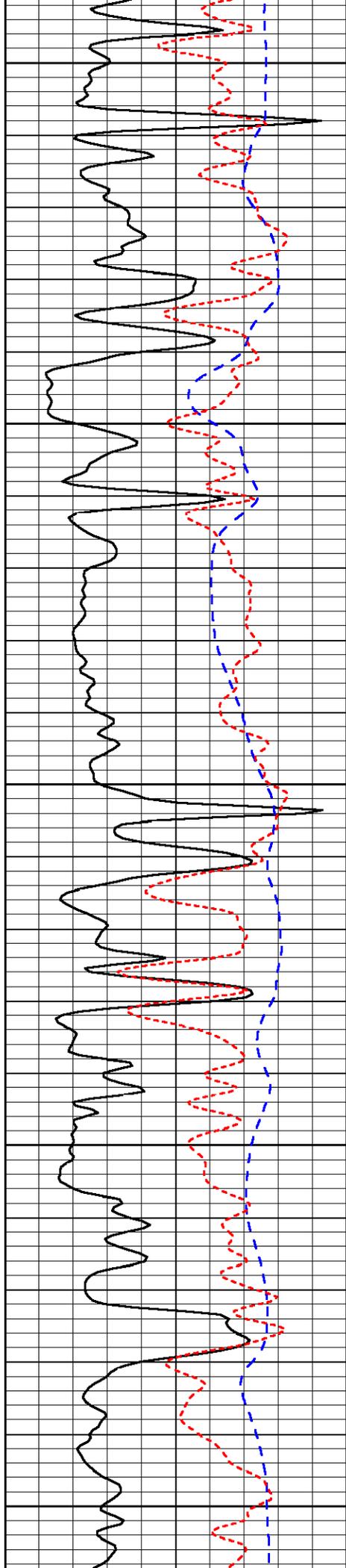


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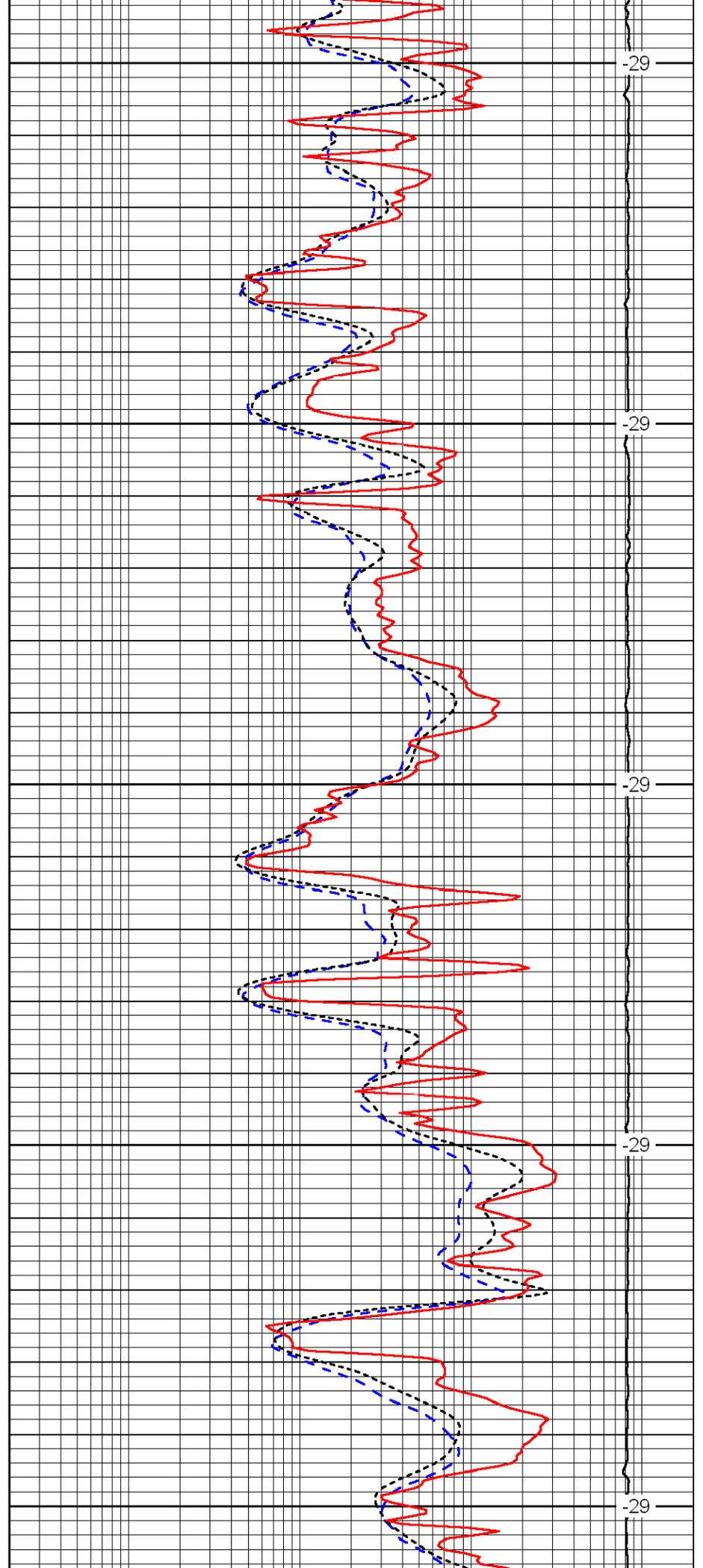
3100

3150

3200

3250

3300



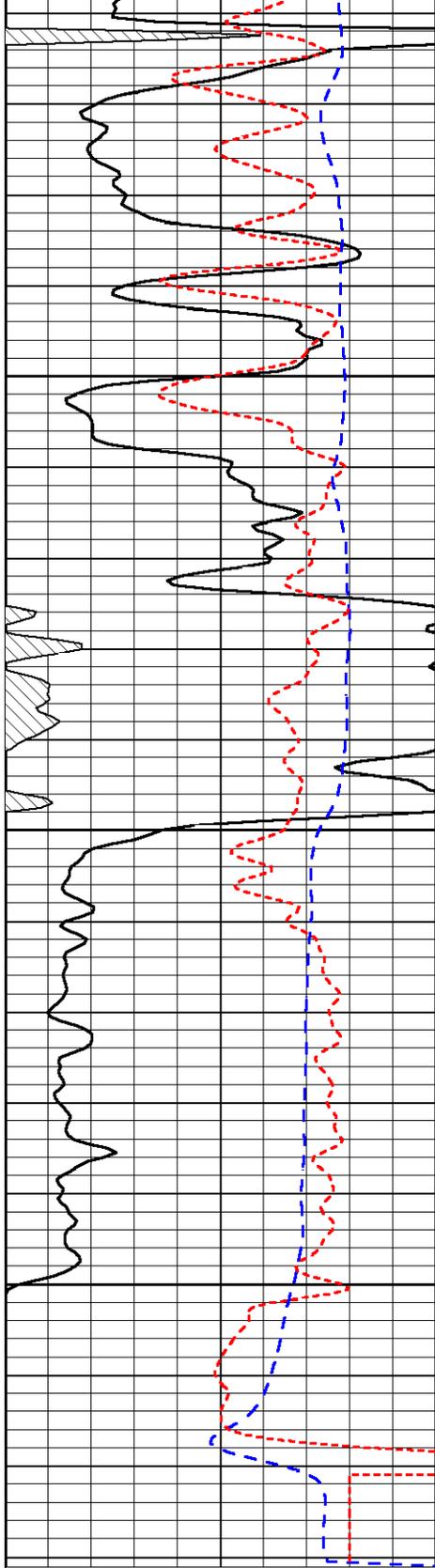
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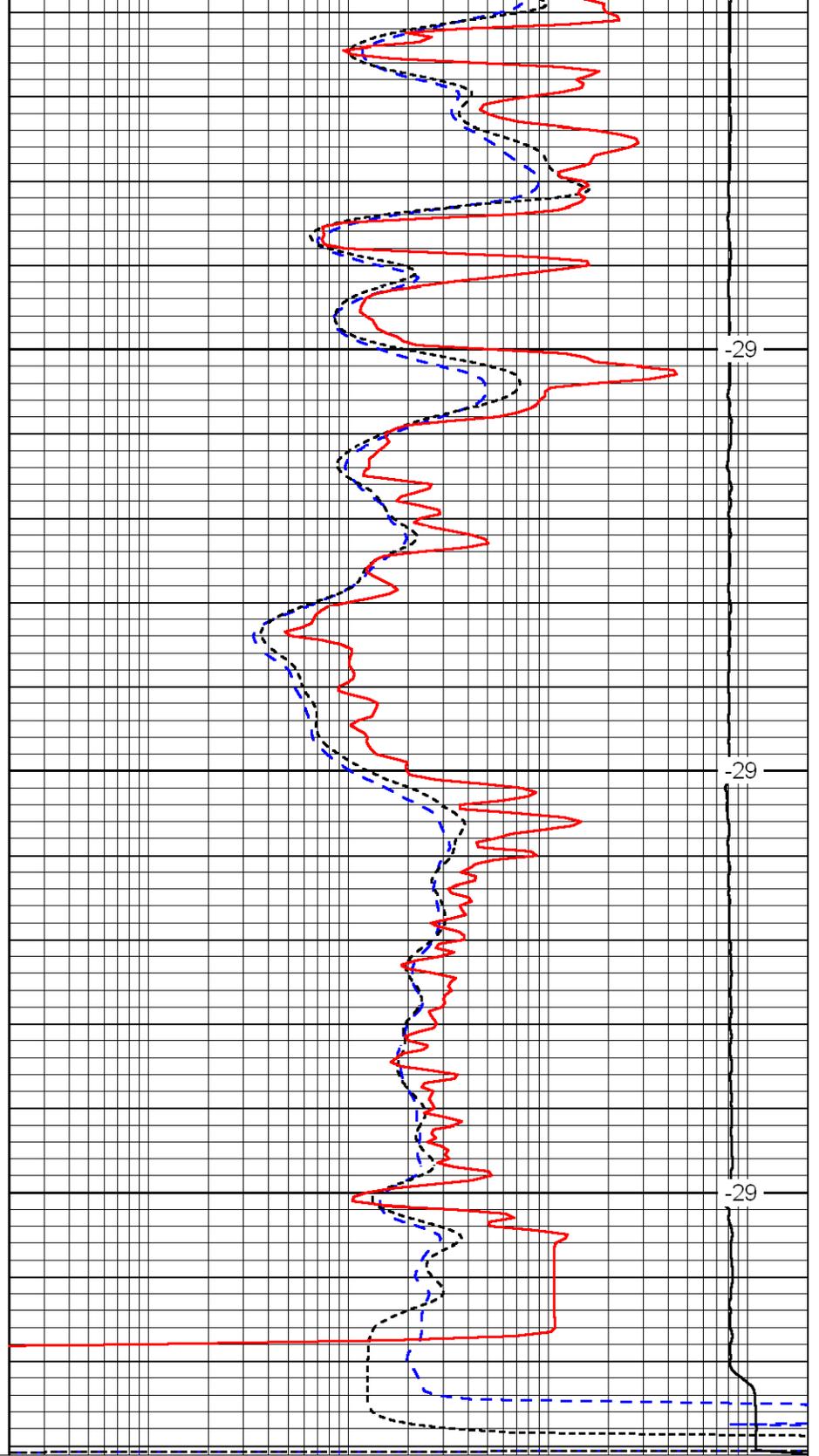


3350

3400

3450

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



-29

-29

-29

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
15000	Line Tension (lb)	0

LSPD
(ft/min)