



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	15-065-23,549-00-00	
Company	Russell Oil, Inc.	
Well	Lloyd "C" No.1-31	
Field	Prairie Glen South	
County	Graham	State
Location	1680' FSL & 1730' FWL	
Sec: 31	Twp: 10S	Rge: 22W
Other Services	CNL/CDL MEL	
Elevation	K.B. 2292 D.F. 2282 G.L. 2282	

Permanent Datum	Ground Level	Elevation 2282
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	
Date	10/6/2009	
Run Number	One	
Depth Driller	3830	
Depth Logger	3831	
Bottom Logged Interval	3830	
Top Log Interval	250	
Casing Driller	8.625 @ 268	
Casing Logger	266	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	2,300	
Density / Viscosity	9.3	52
pH / Fluid Loss	10.0	7.8
Source of Sample	Flowline	
Rm @ Meas. Temp	1.4 @ 60	
Rmf @ Meas. Temp	1.05 @ 60	
Rmc @ Meas. Temp	1.89 @ 60	
Source of Rmf / Rmc	Charts	
Rm @ BHT	.73 @ 114	
Operating Rig Time	3 1/2 Hours	
Max Rec. Temp. F	114	
Equipment Number	15	
Location	Hays	
Recorded By	C. Desaire	
Witnessed By	Steven Angle	

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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.
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 1 N, 1/2 E, N Into

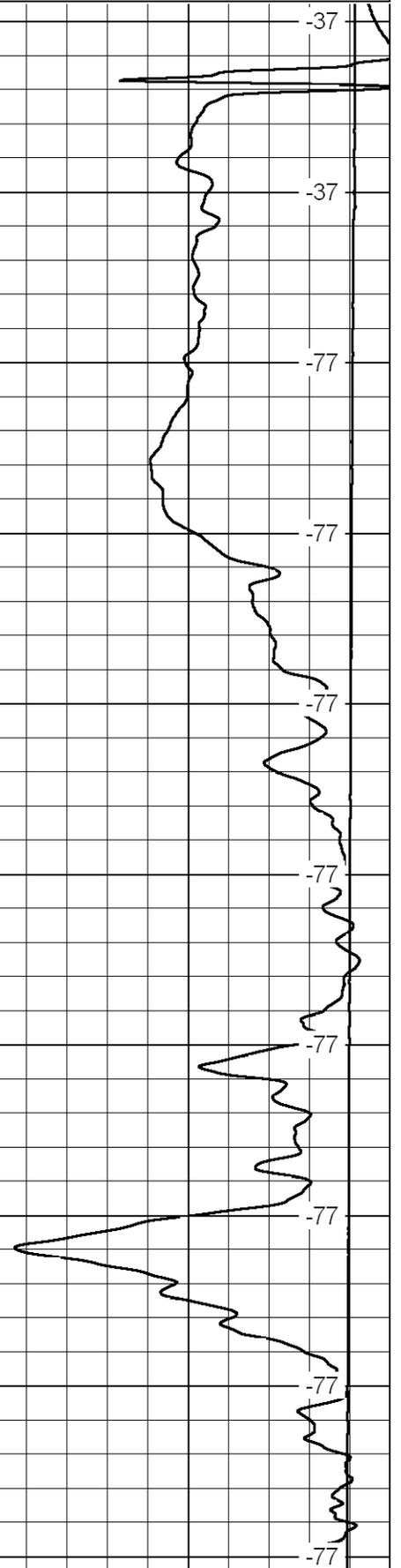
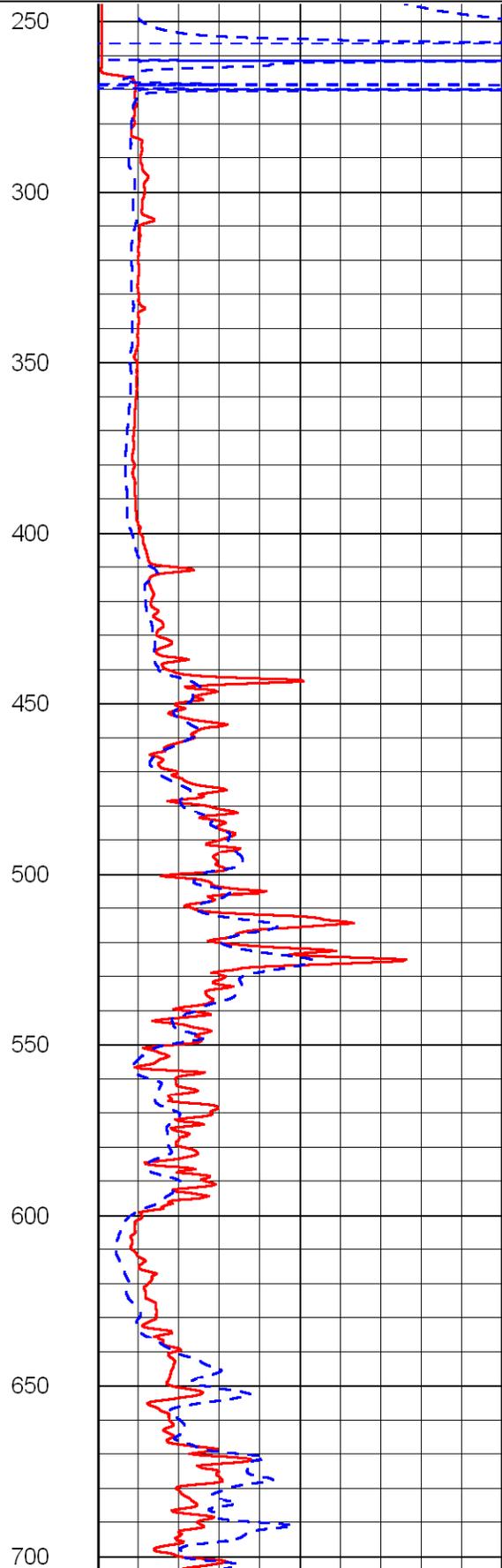
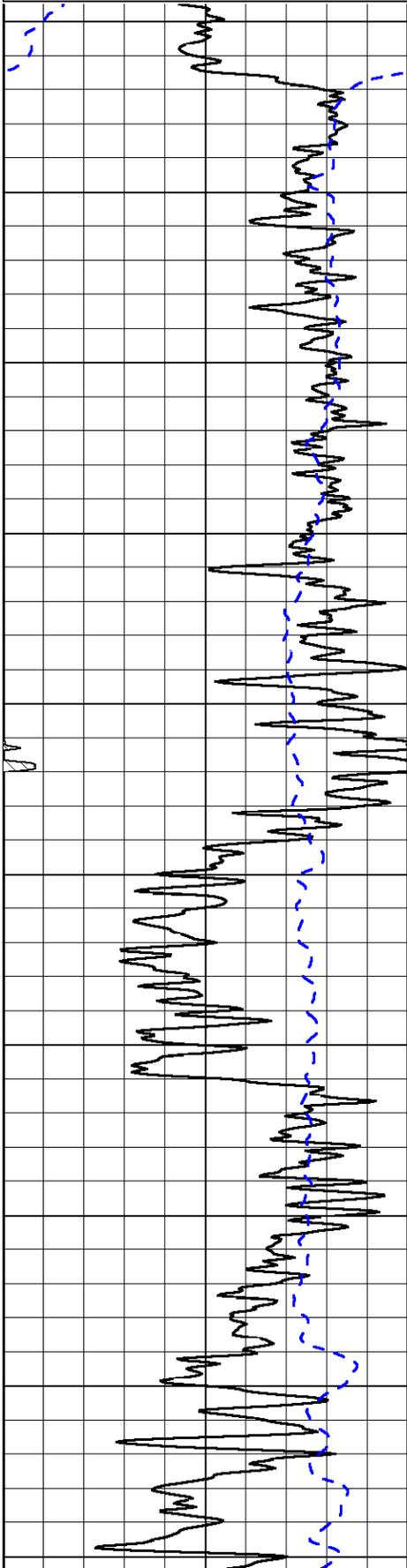
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 Presentation Format: dil2in
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 Charted by: Depth in Feet scaled 1:600

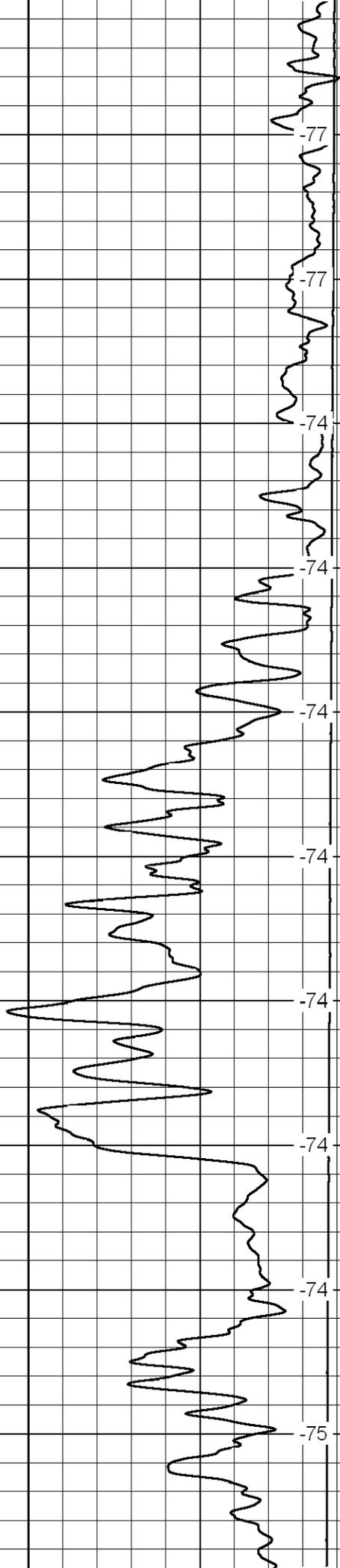
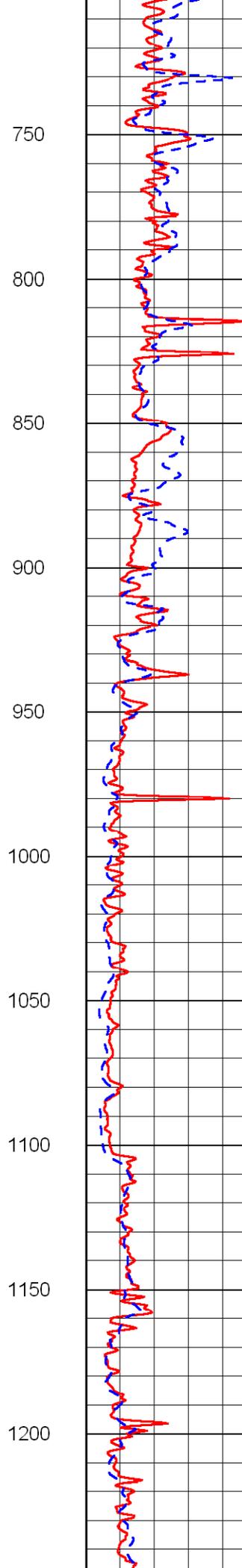
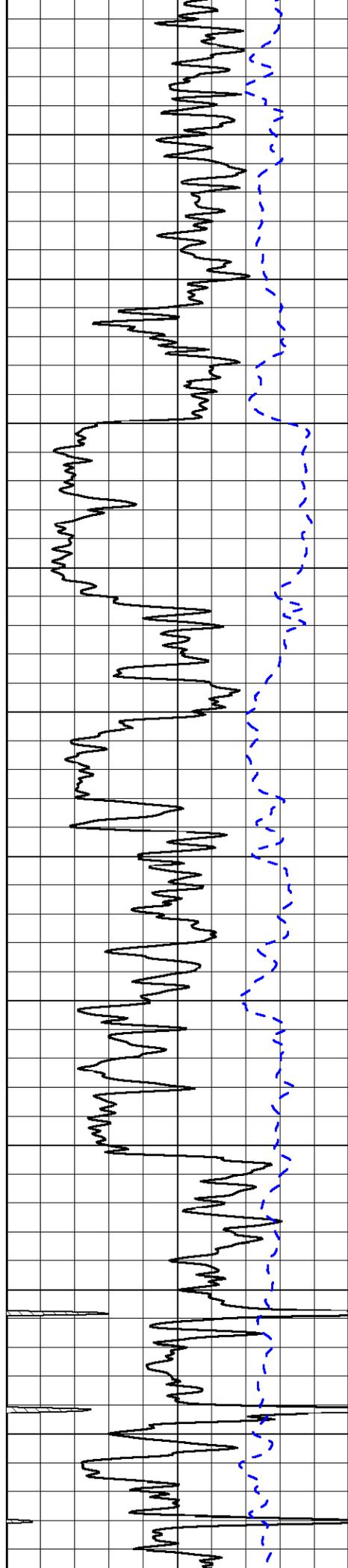
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-200 SP (MV) 0

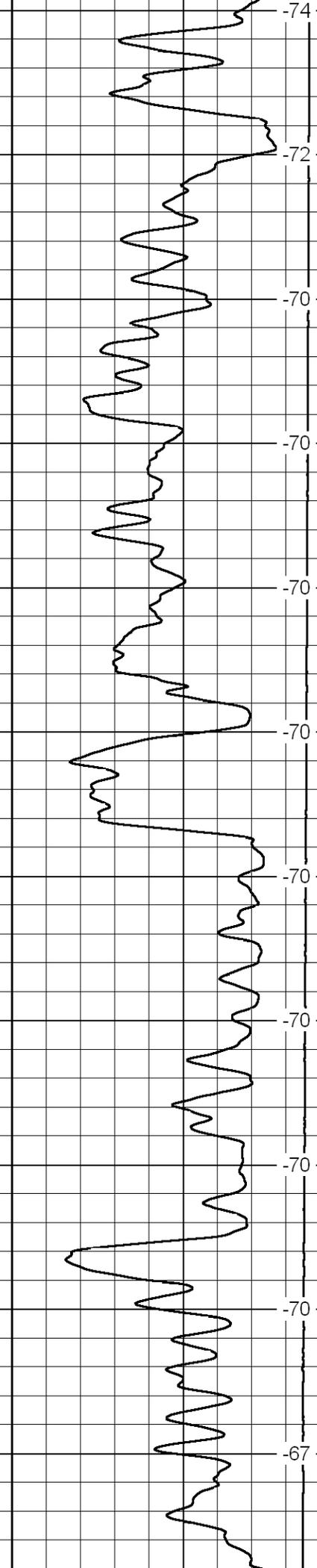
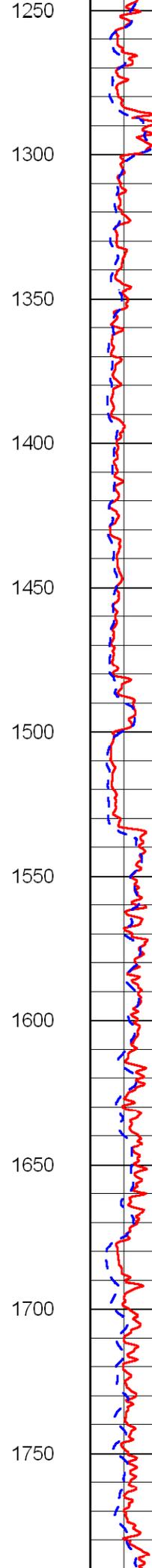
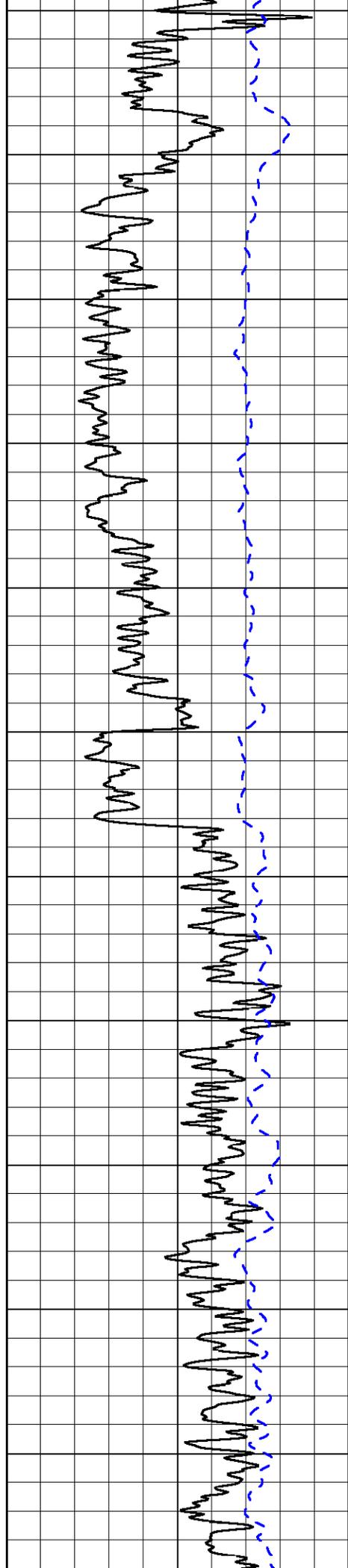
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0 Deep Resistivity (Ohm-m) 50
1000 Conductivity (mmho/m) 0
15000 Line Tension (lb) 0

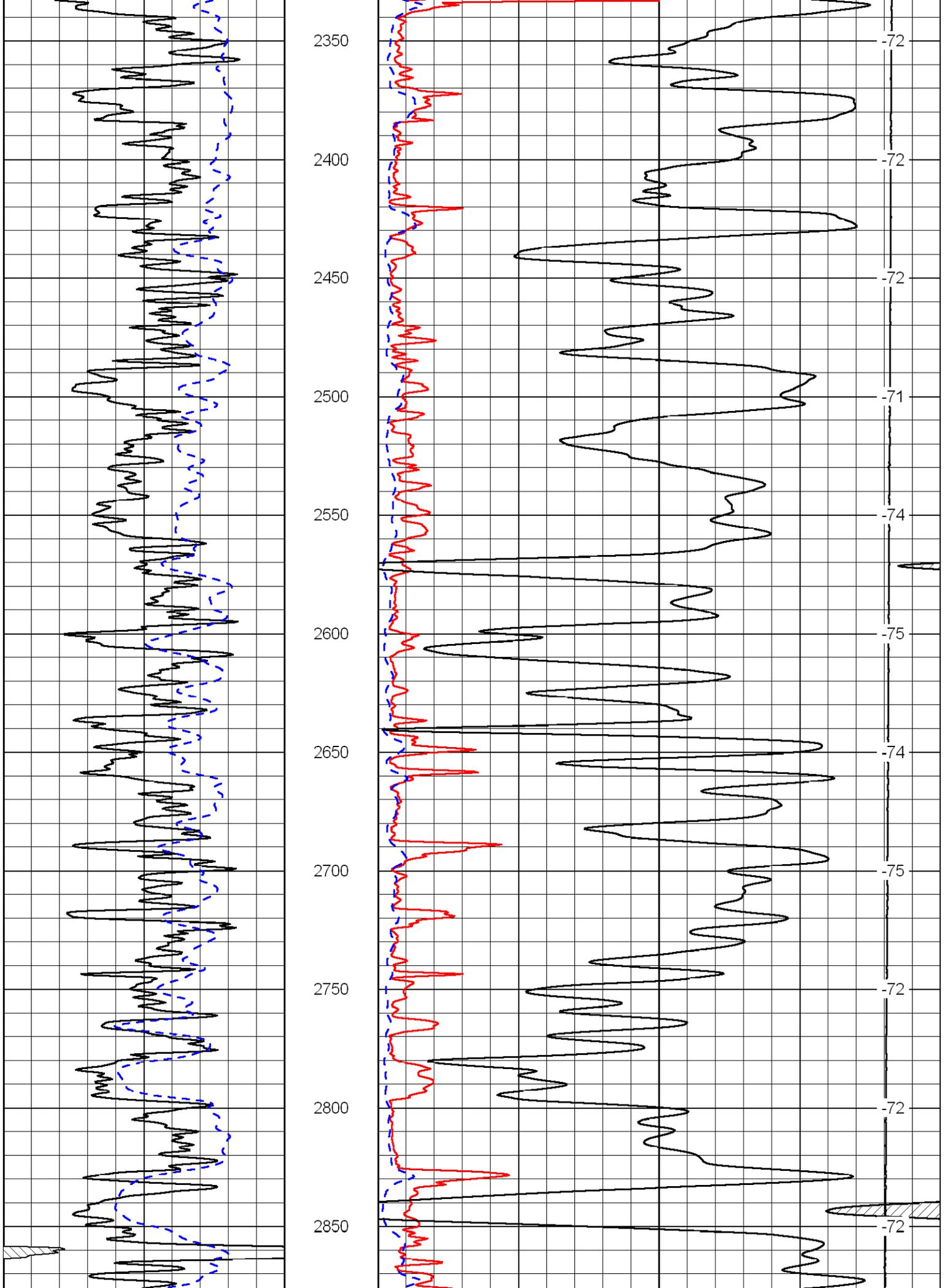
LSPD
(ft/min)

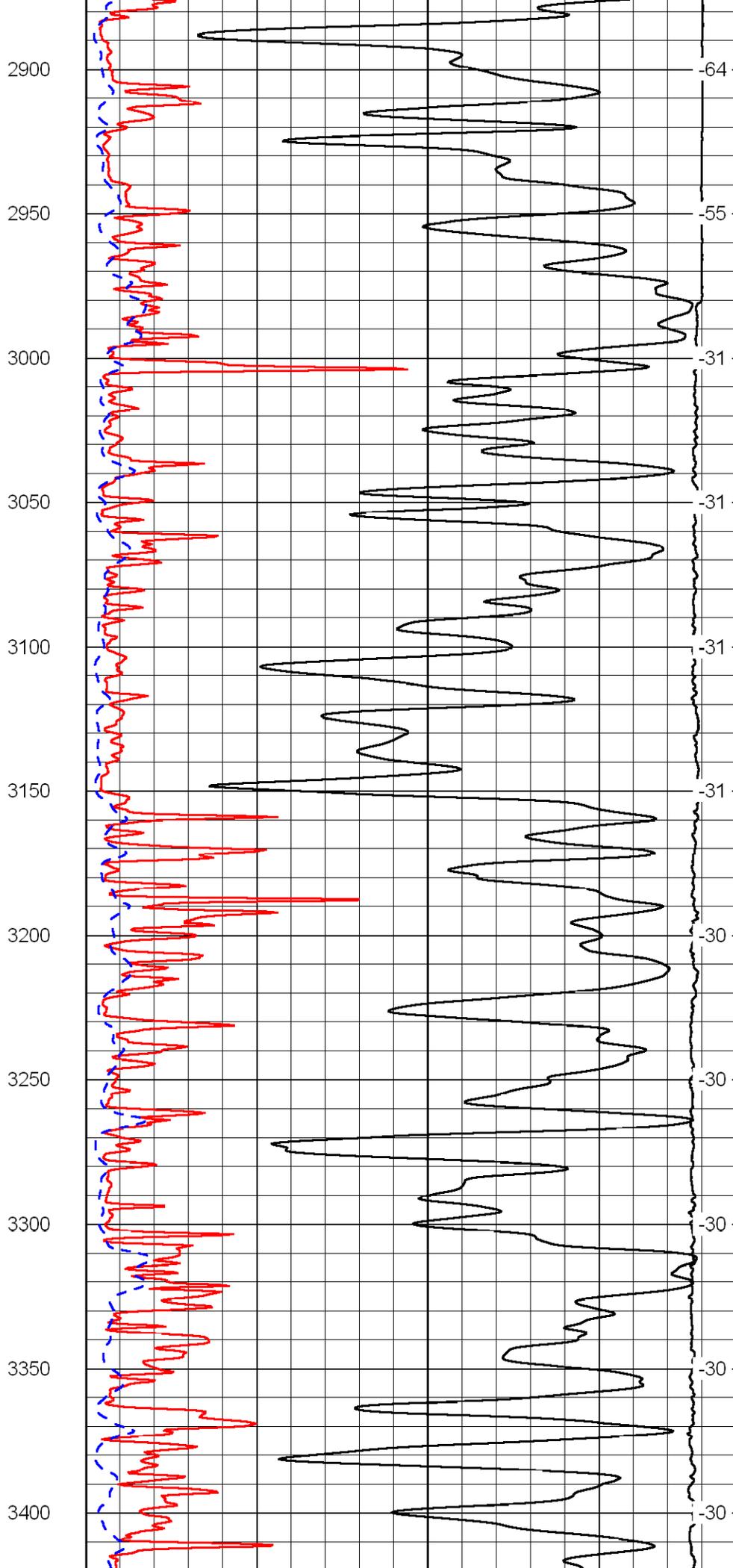
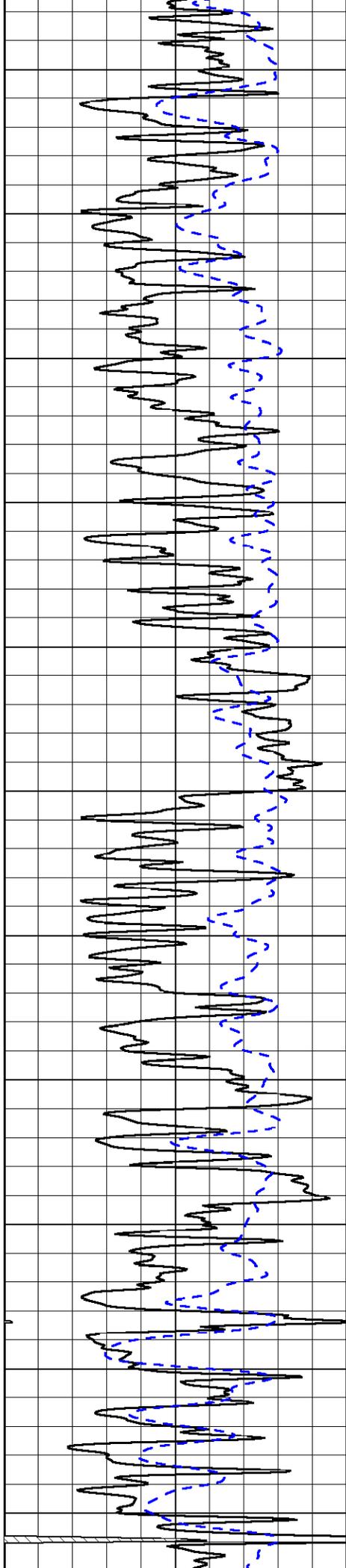
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50 Deep Resistivity (Ohm-m) 500

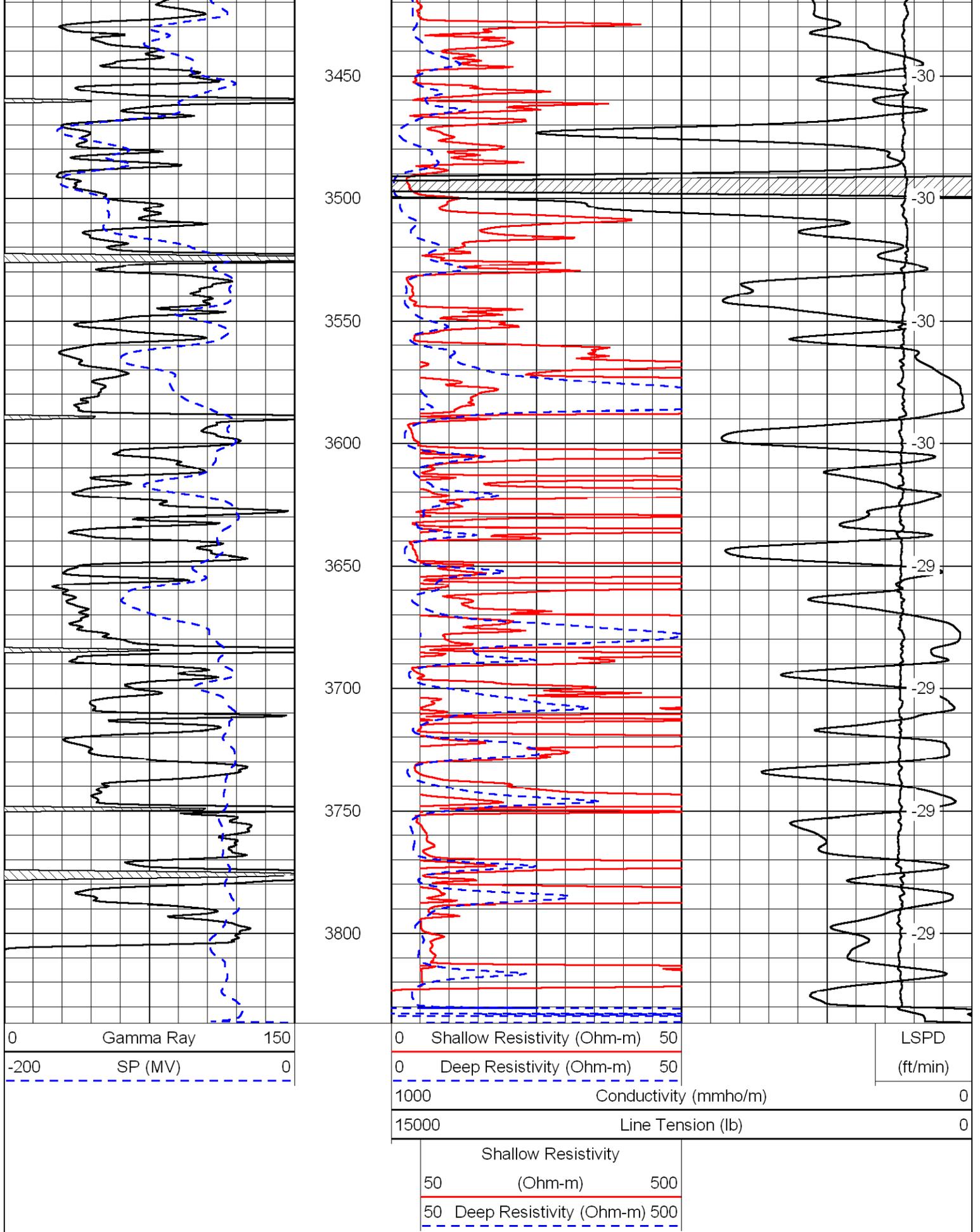












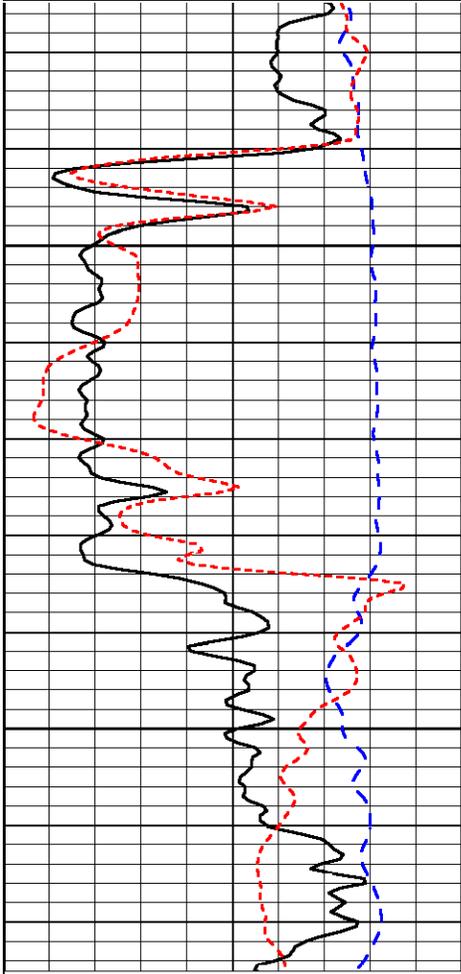
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 Presentation Format: dil

Presentation Format: dil
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 Charted by: Depth in Feet scaled 1:240

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

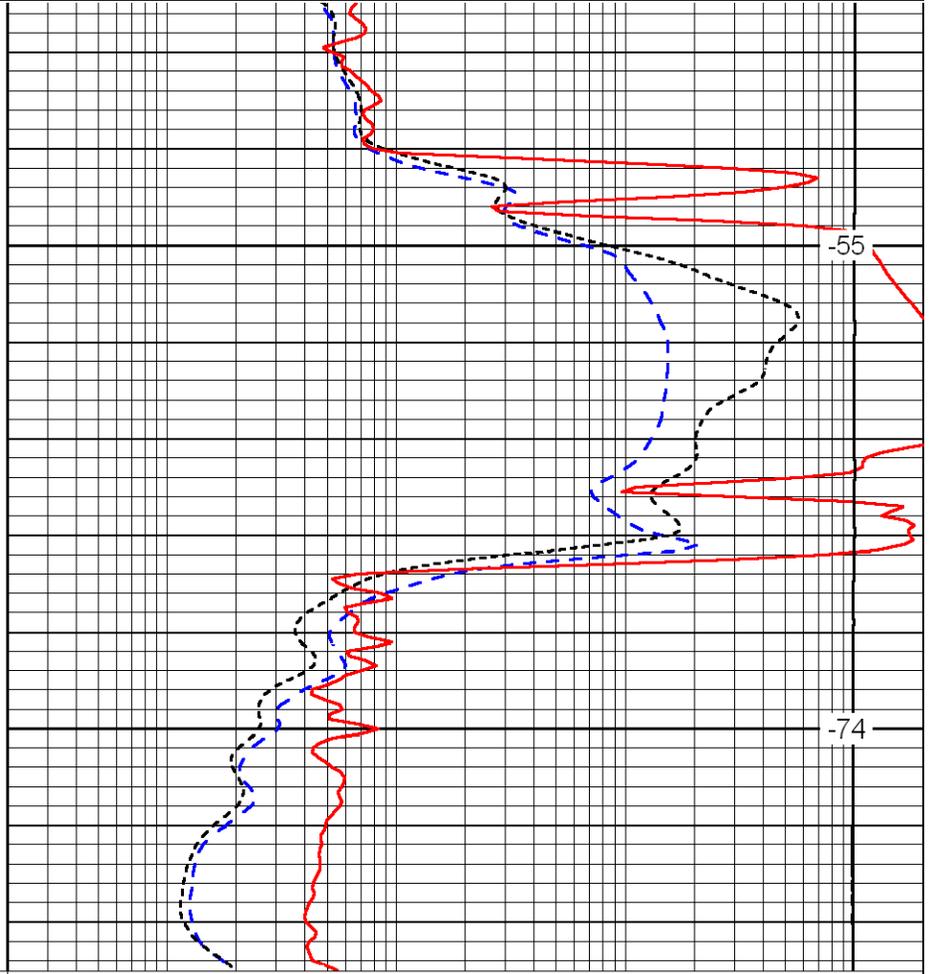
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0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
15000	Line Tension (lb)	0

LSPD
(ft/min)



1800

1850



-55

-74

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

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

LSPD
(ft/min)

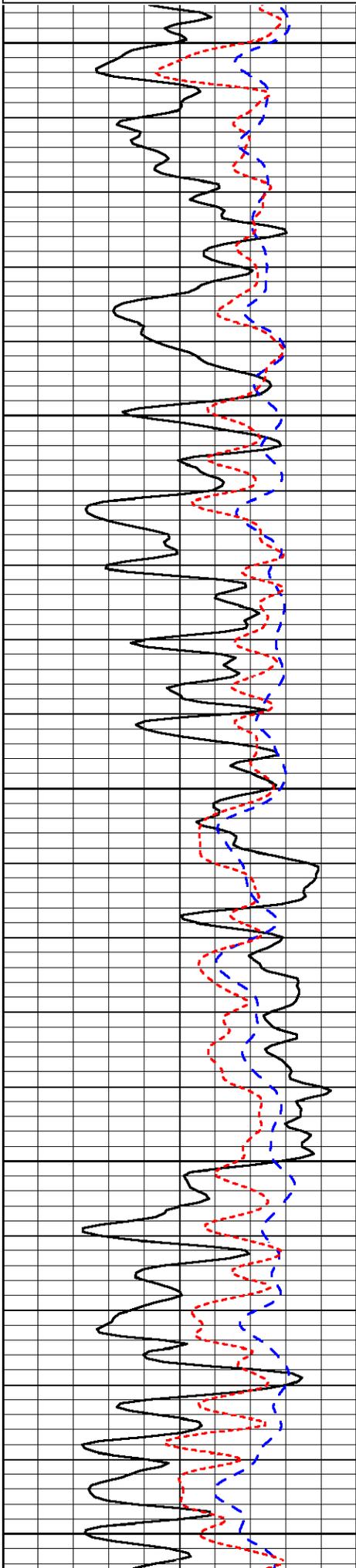
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LSPD

(ft/min)



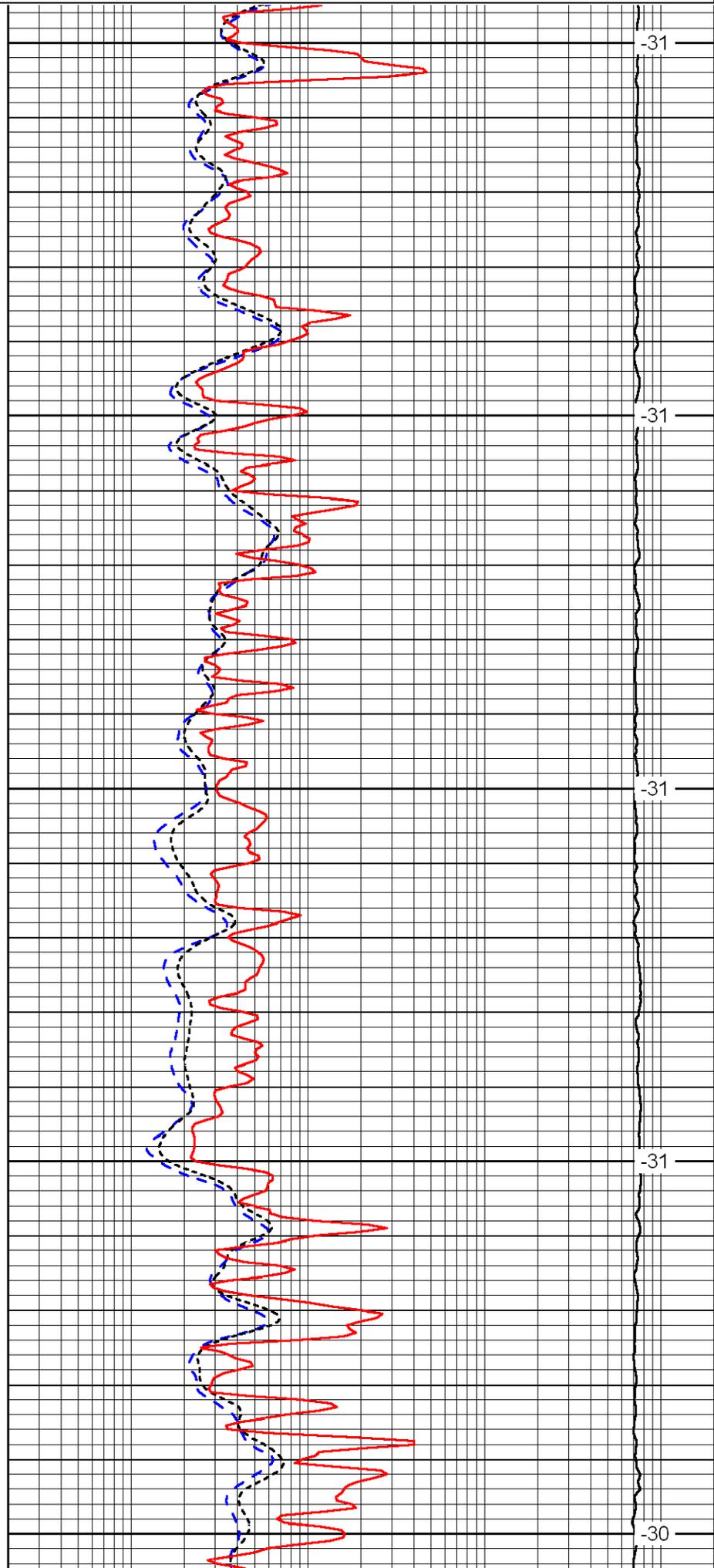
3000

3050

3100

3150

3200



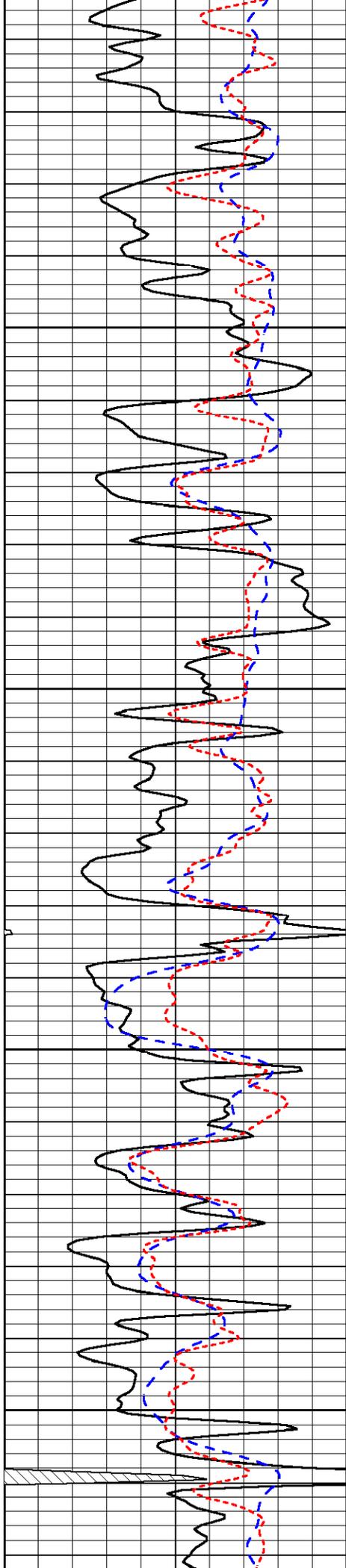
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-31

-31

-31

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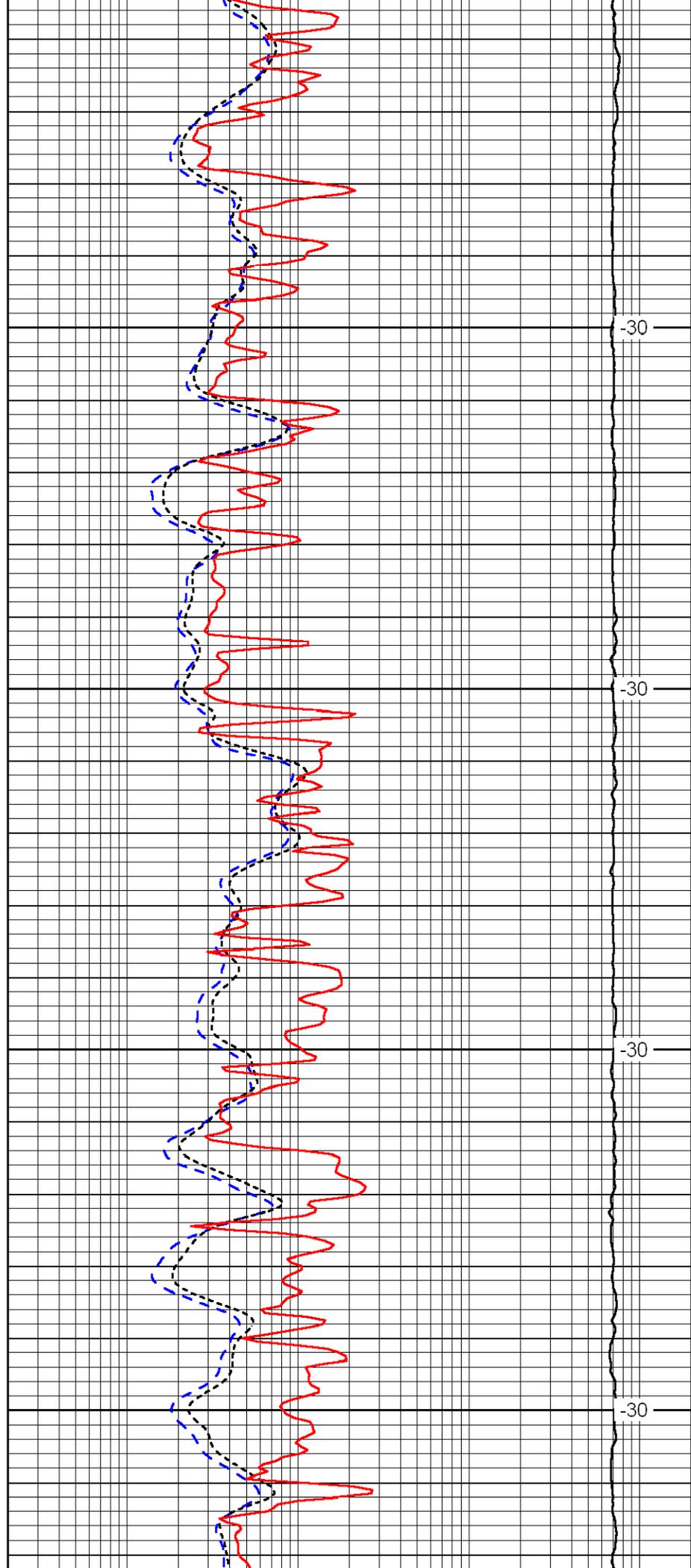


3250

3300

3350

3400

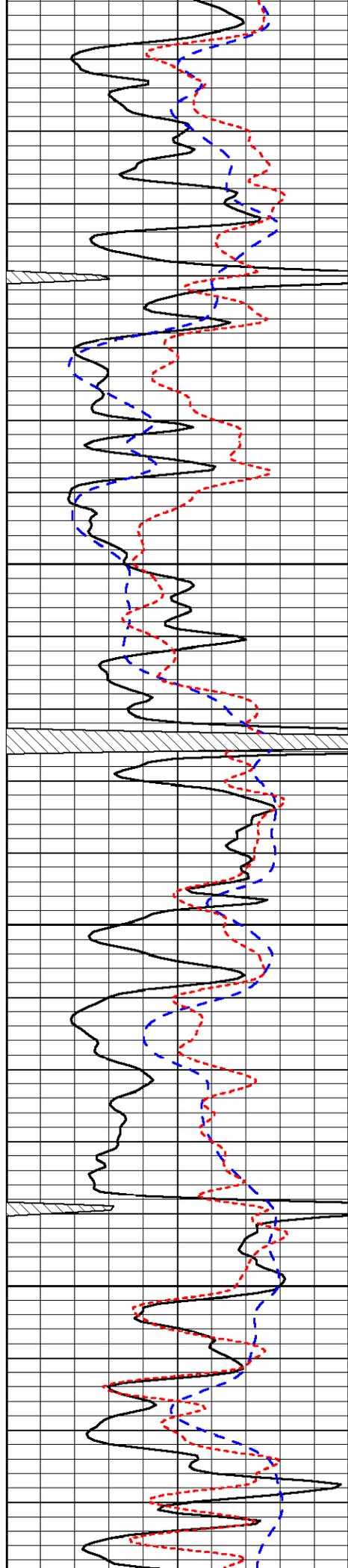


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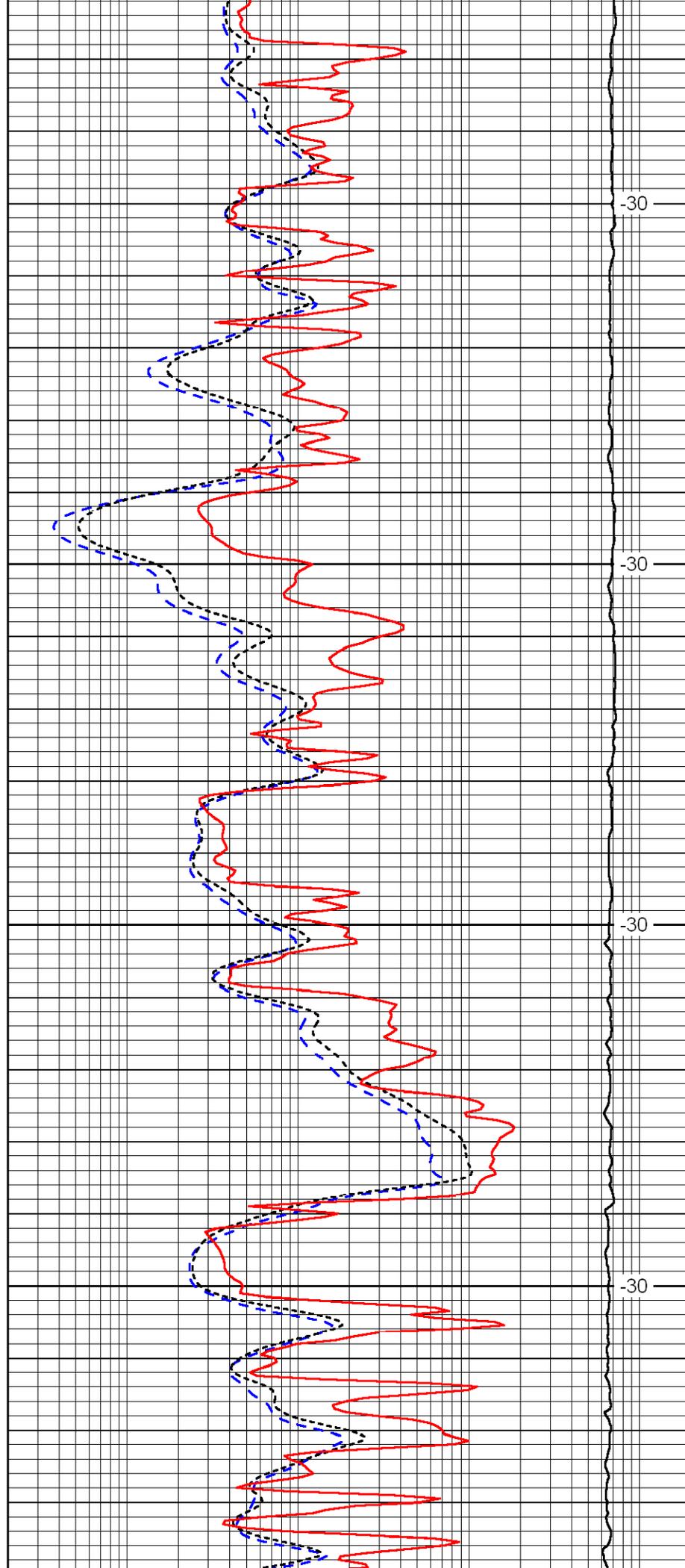


3450

3500

3550

3600

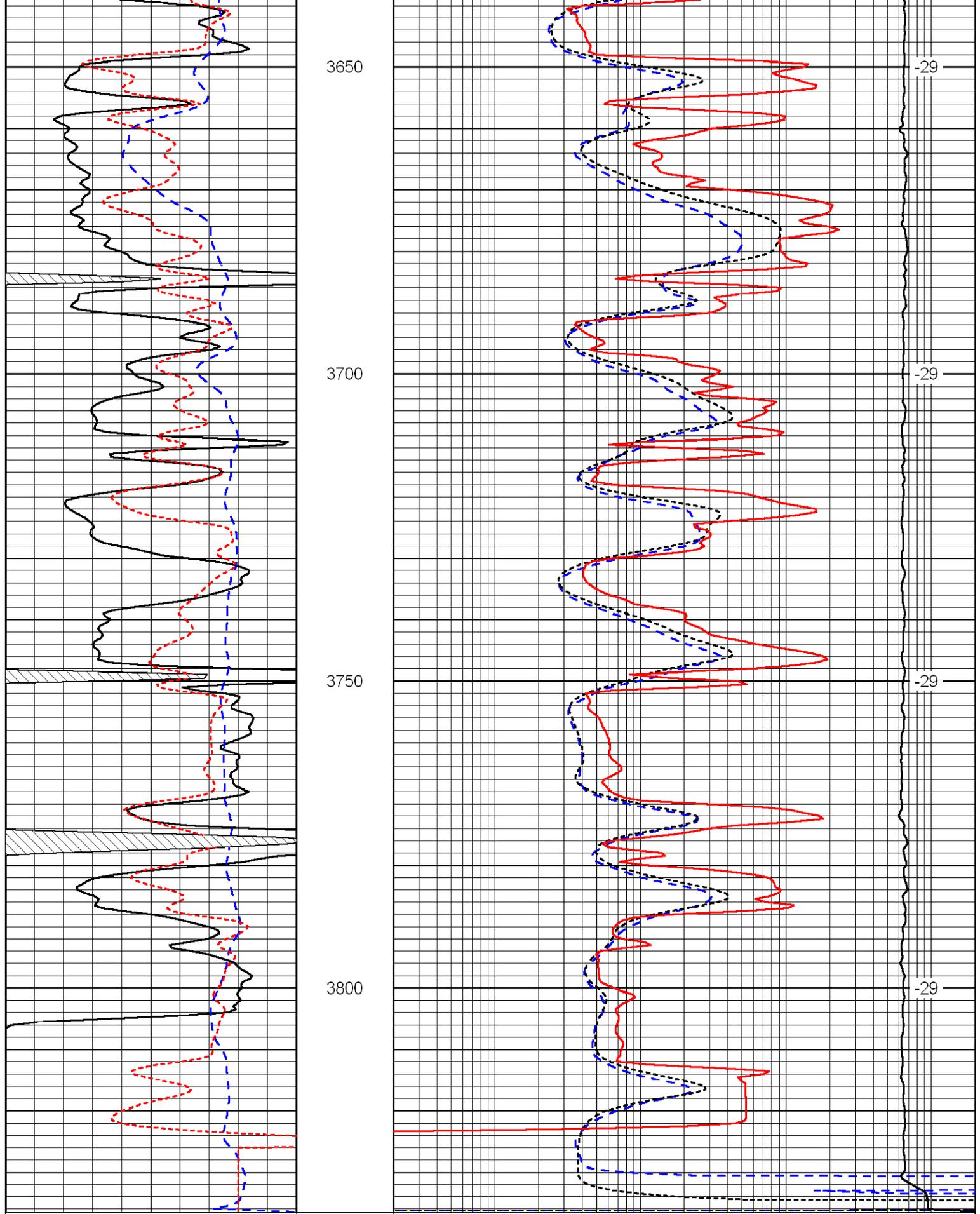


-30

-30

-30

-30



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