



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	15-109-20,843-00-00	
Company	MAK-J Energy Kansas, LLC.	
Well	FP Dirks #3-28	
Field	Dirks	
County	Logan	State Kansas
Location	SW NE NE NW 468' FNL & 2117' FWL	
Sec: 28	Twp: 15 S	Rge: 35 W
Other Services	CNL/CDL MEL/BHCS	

Permanent Datum	Ground Level	Elevation 3220
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	
Date	3/26/2010	
Run Number	One	
Depth Driller	4860	
Depth Logger	4854	
Bottom Logged Interval	4853	
Top Log Interval	300	
Casing Driller	8.625 @ 308	
Casing Logger	309	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	3.000	
Density / Viscosity	9.2	56
pH / Fluid Loss	10.5	8.0
Source of Sample	Flowline	
Rm @ Meas. Temp	.5	@ 70
Rmf @ Meas. Temp	.38	@ 70
Rmc @ Meas. Temp	.69	@ 70
Source of Rmf / Rmc	Charts	
Rm @ BHT	.28	@ 125
Operating Rig Time	5 Hours	
Max Rec. Temp. F	126	
Equipment Number	4	
Location	Hays	
Recorded By	K. Bange	
Witnessed By	Steve Murphy	

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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

Hwy 4 & 83 Jct., 1 N to 95, W to Pence rd (rd 220) 16 W to 20 rd,
N to T, 1/4 W to Adobe rd, 2 N, E into

Database File: c:\warrior\data\mak-j_fp dirks #3-28\makjhd.db
 Dataset Pathname: dil/mak2in
 Presentation Format: dil2in
 Dataset Creation: Fri Mar 26 14:12:41 2010
 Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
-200	SP (MV)	0

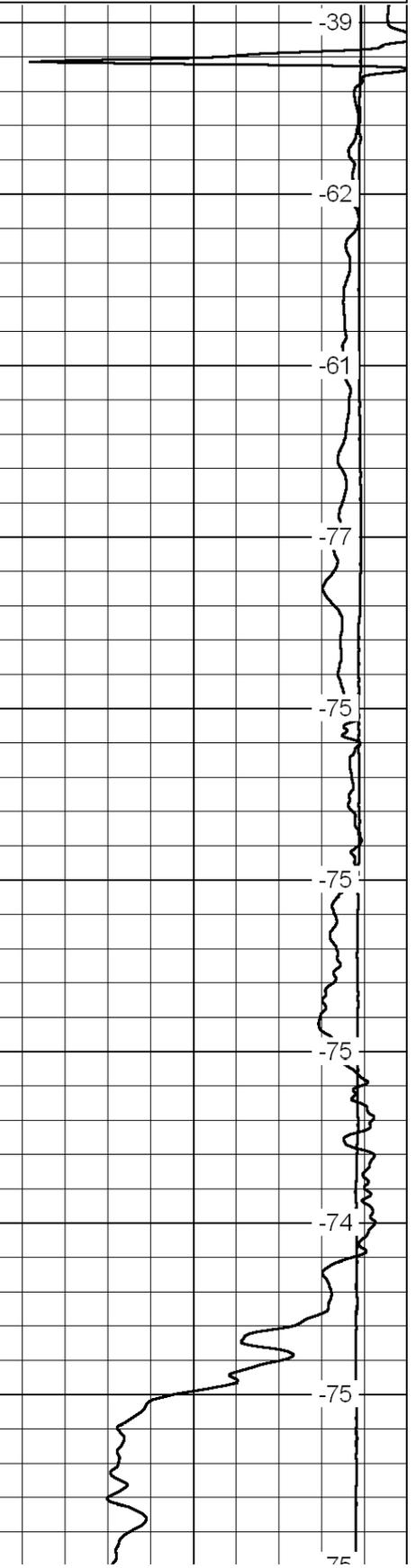
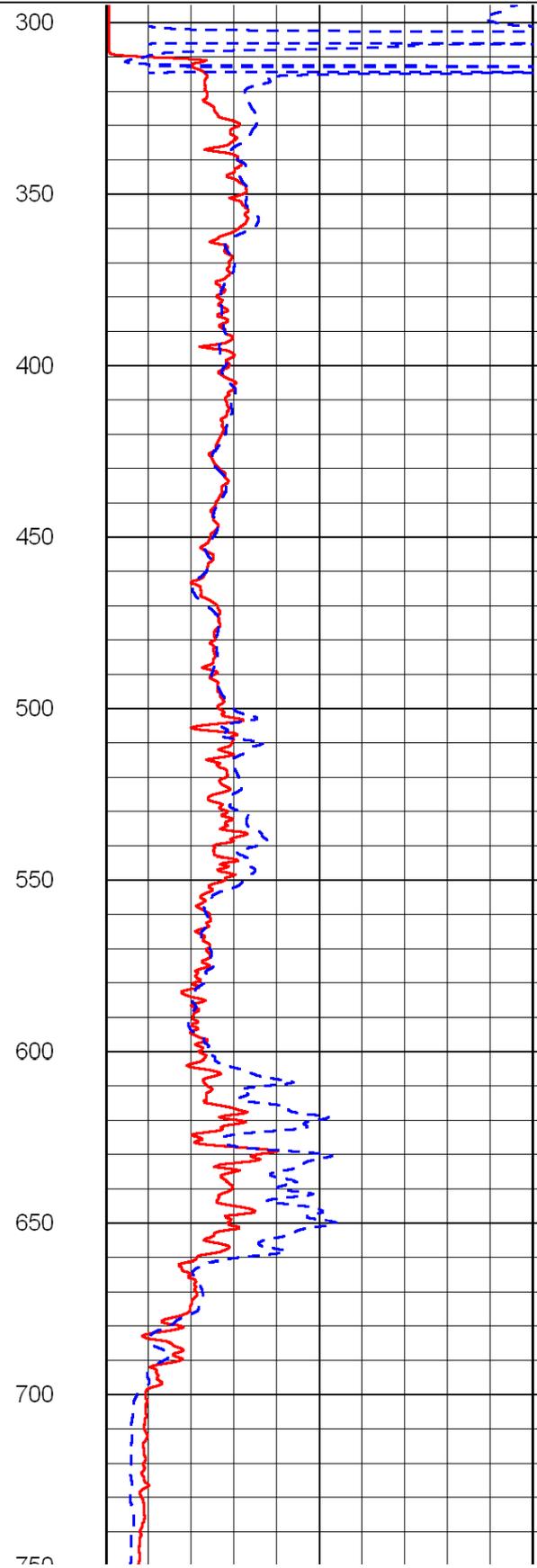
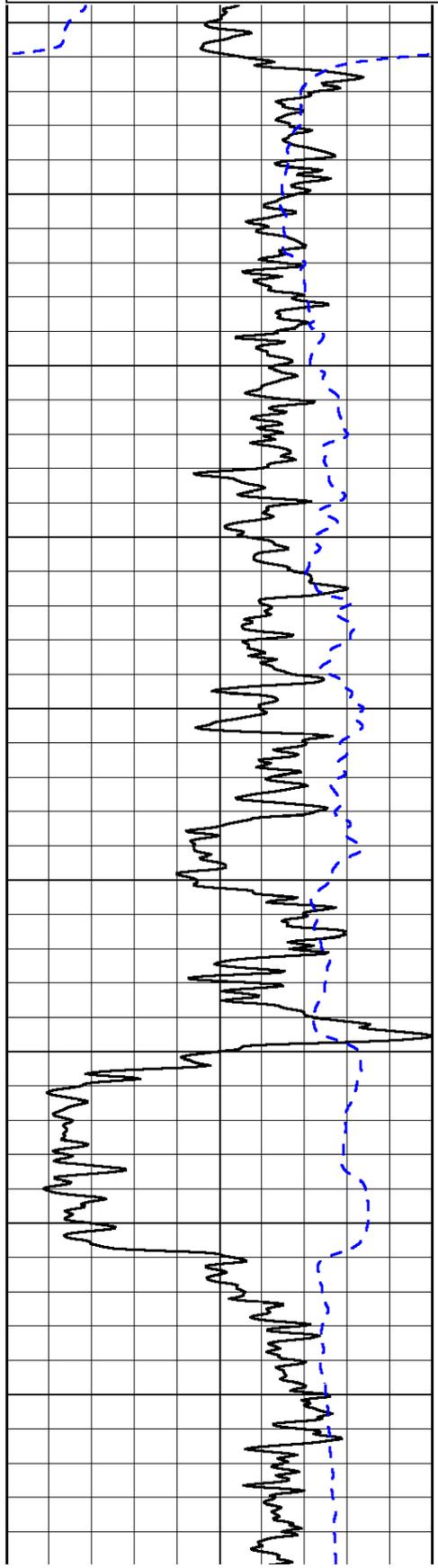
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0	Deep Resistivity (Ohm-m)	50

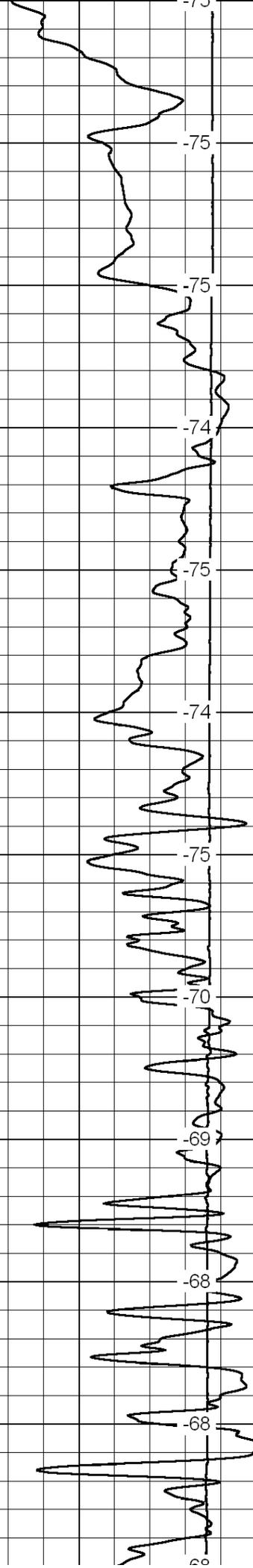
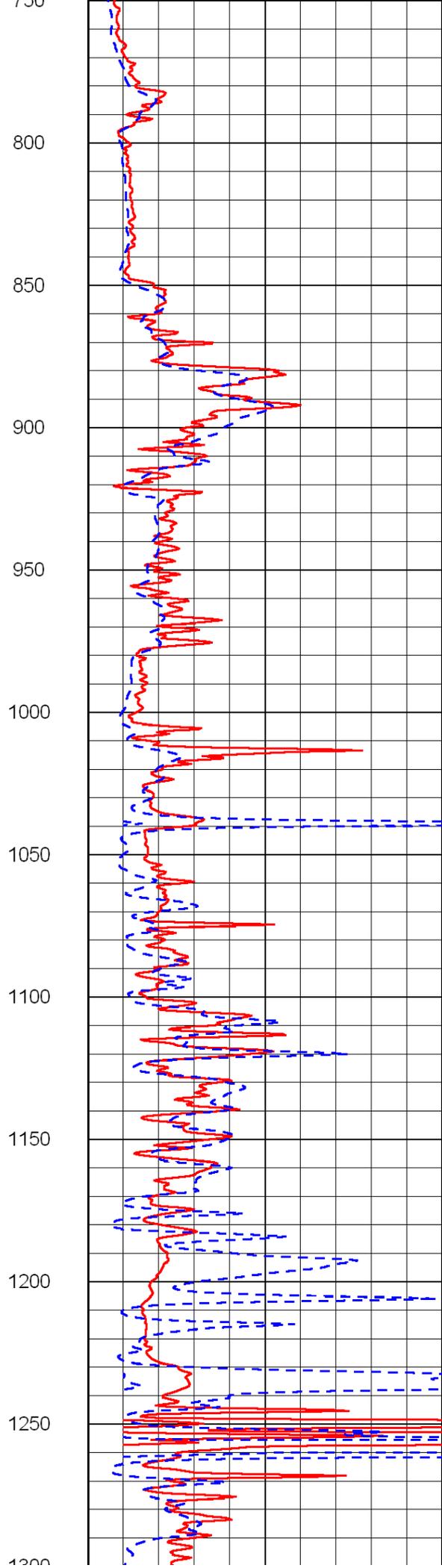
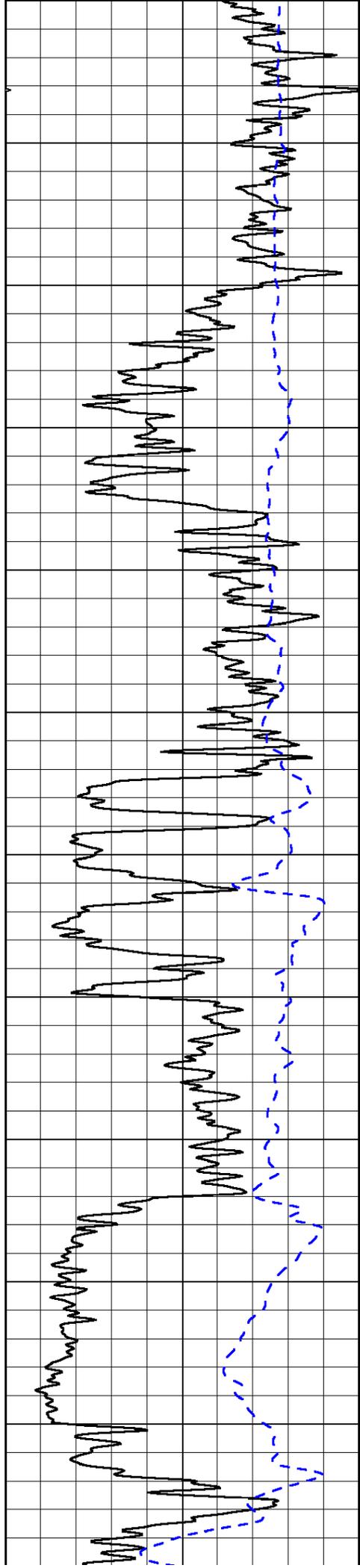
LSPD
(ft/min)

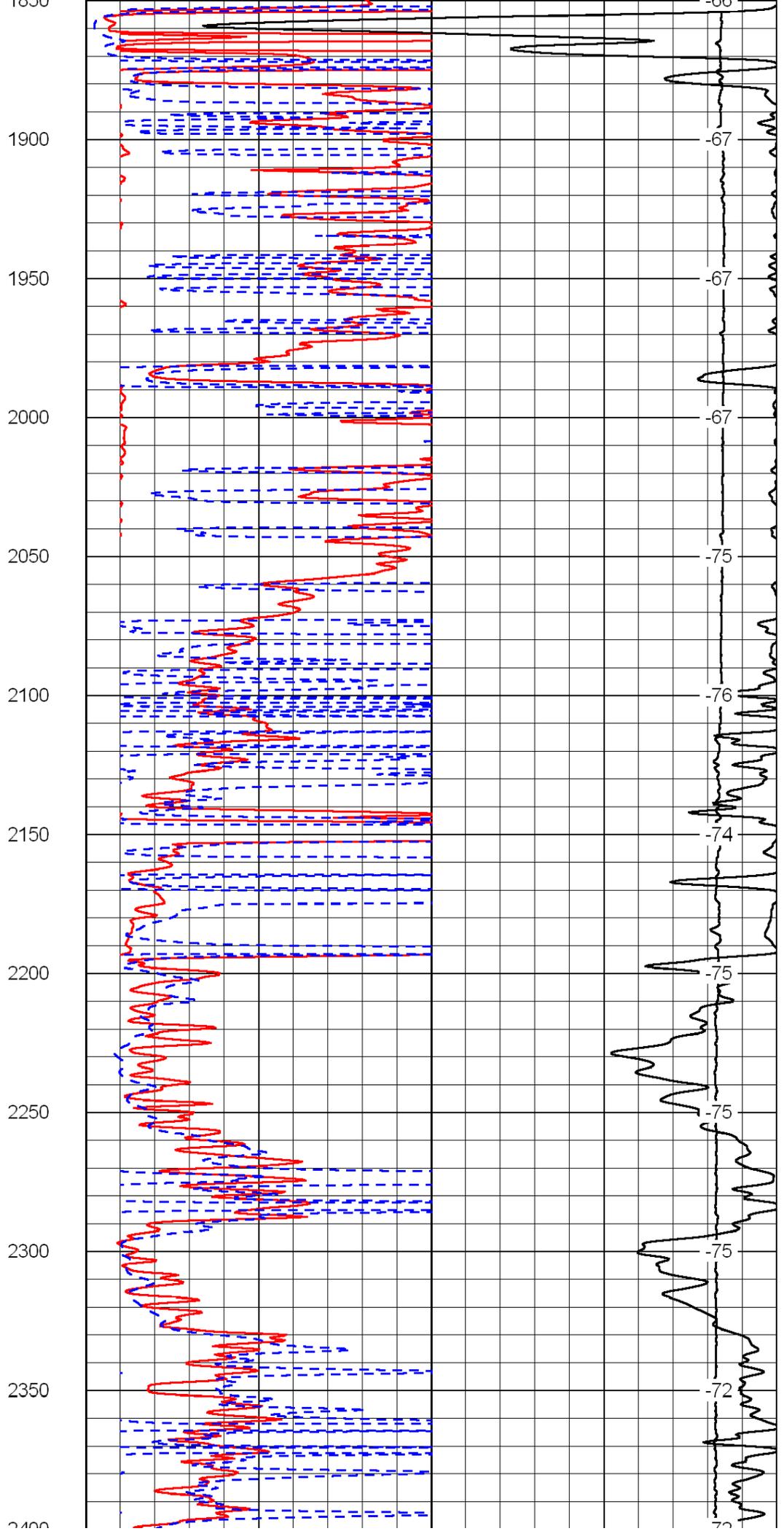
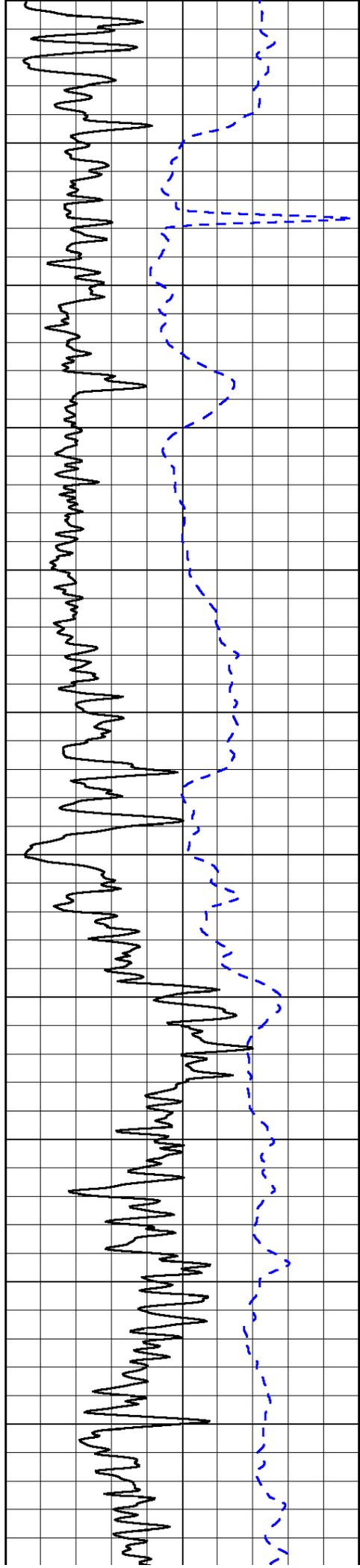
1000	Conductivity (mmho/m)	0
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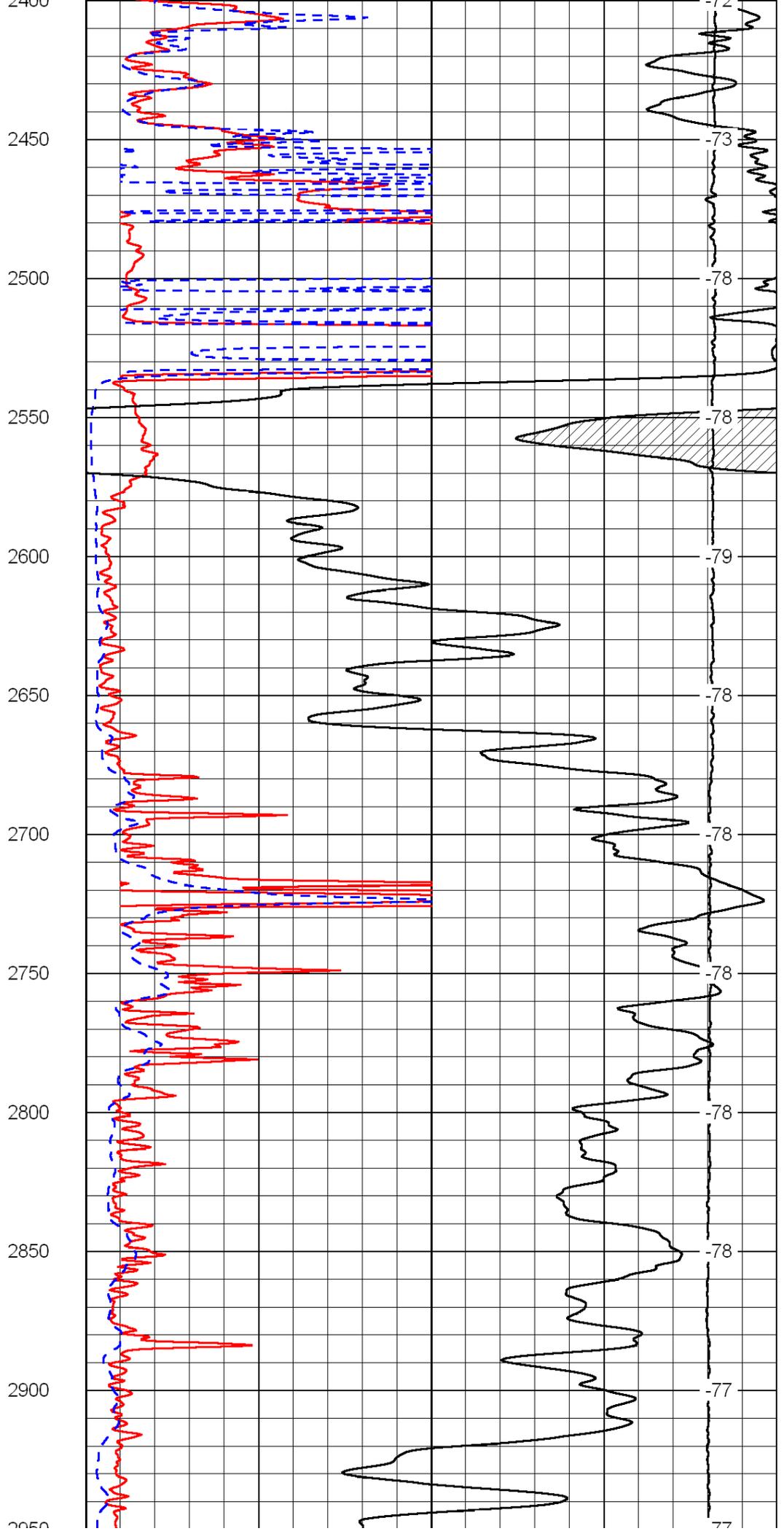
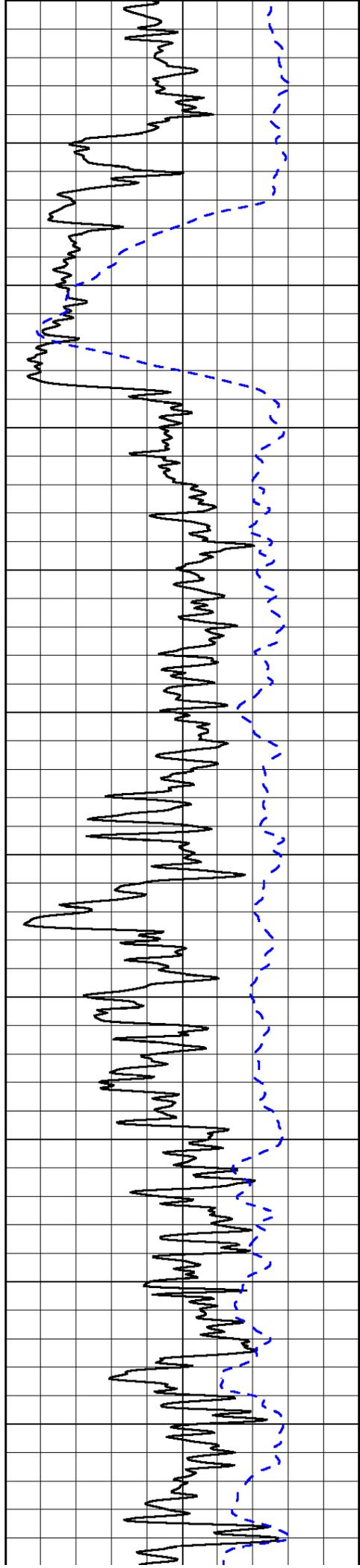
15000	Line Tension (lb)	0
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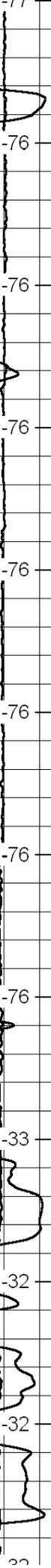
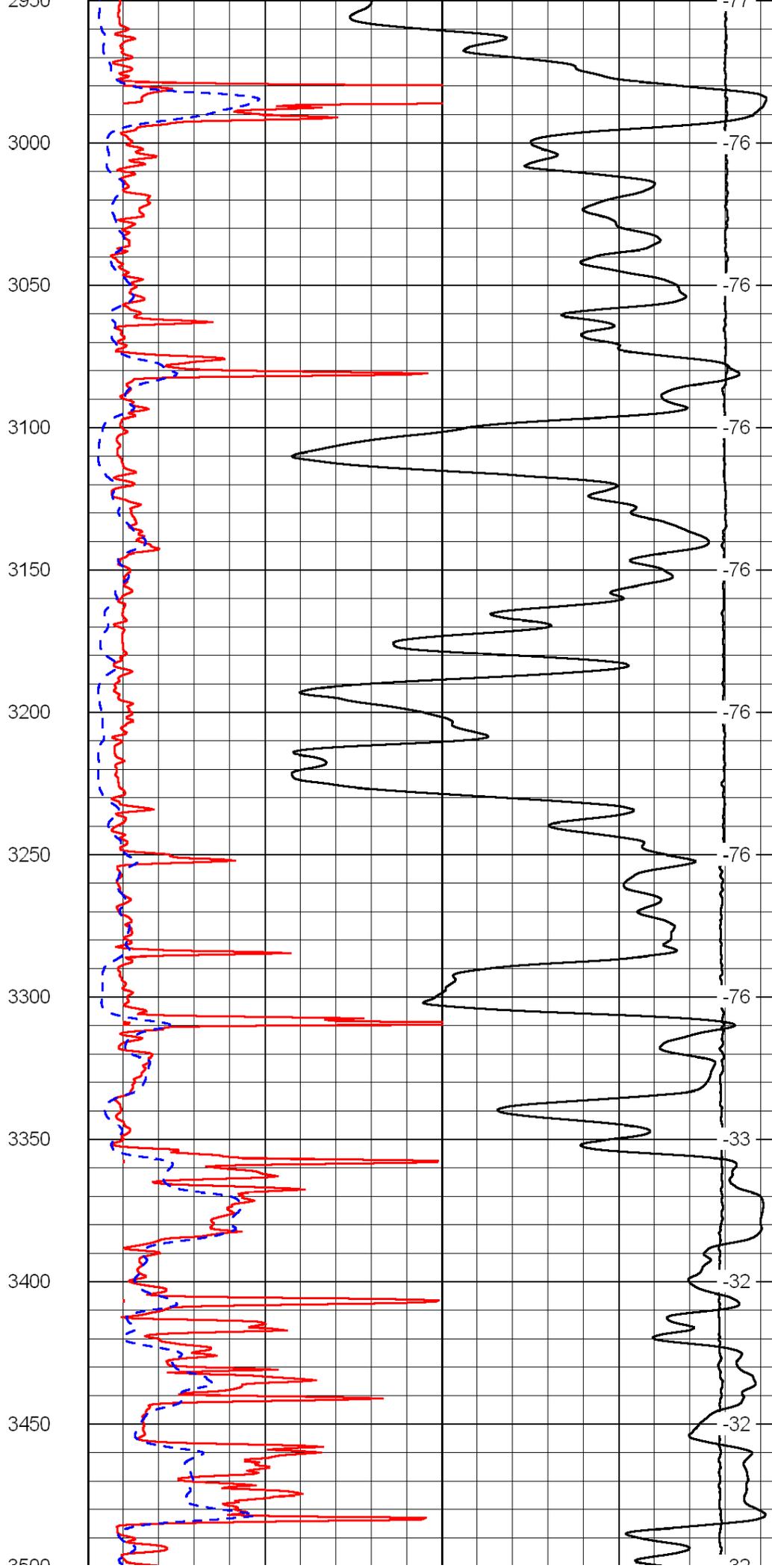
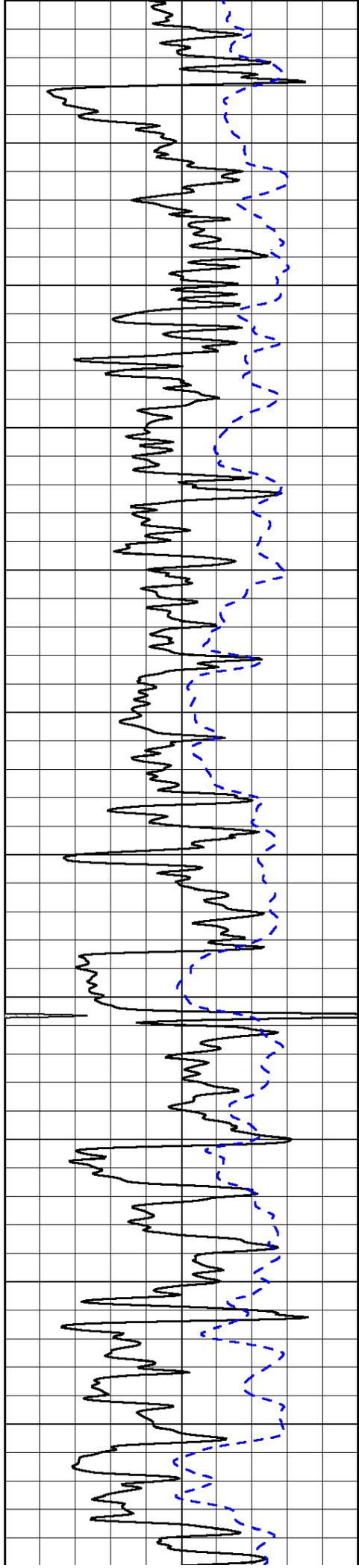
Shallow Resistivity		
50	(Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500

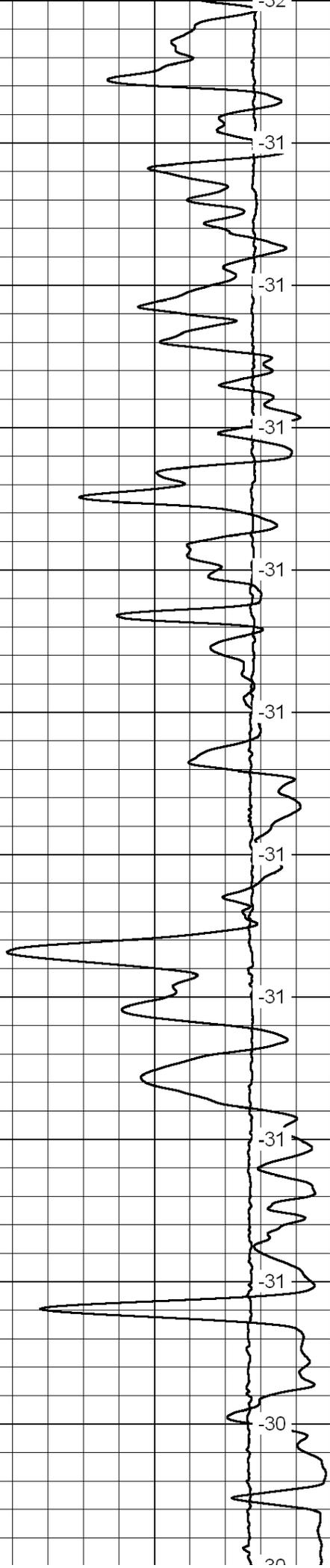
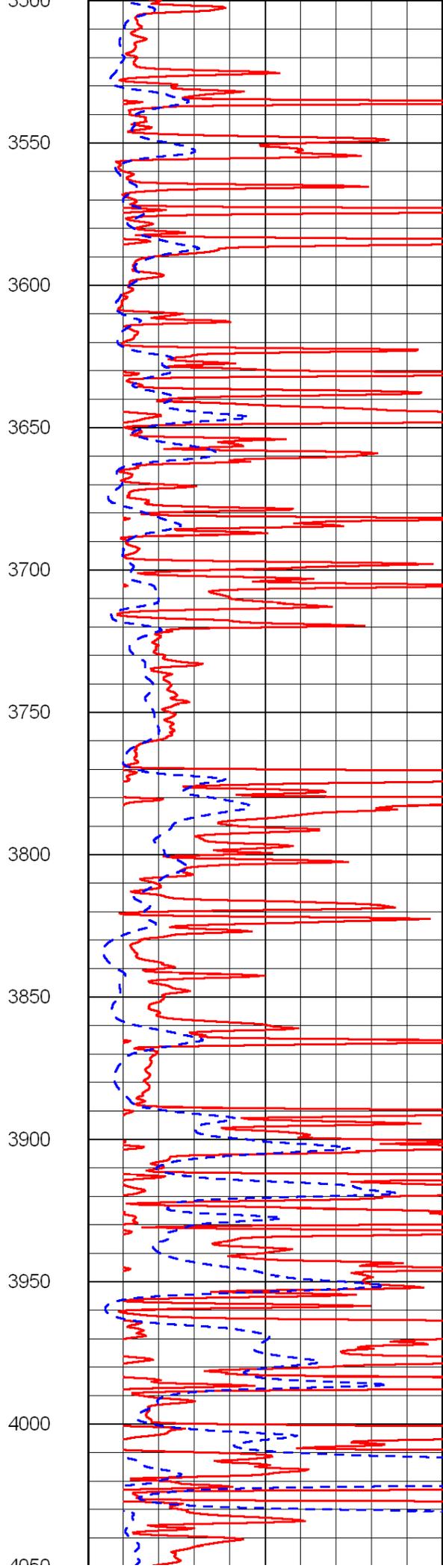
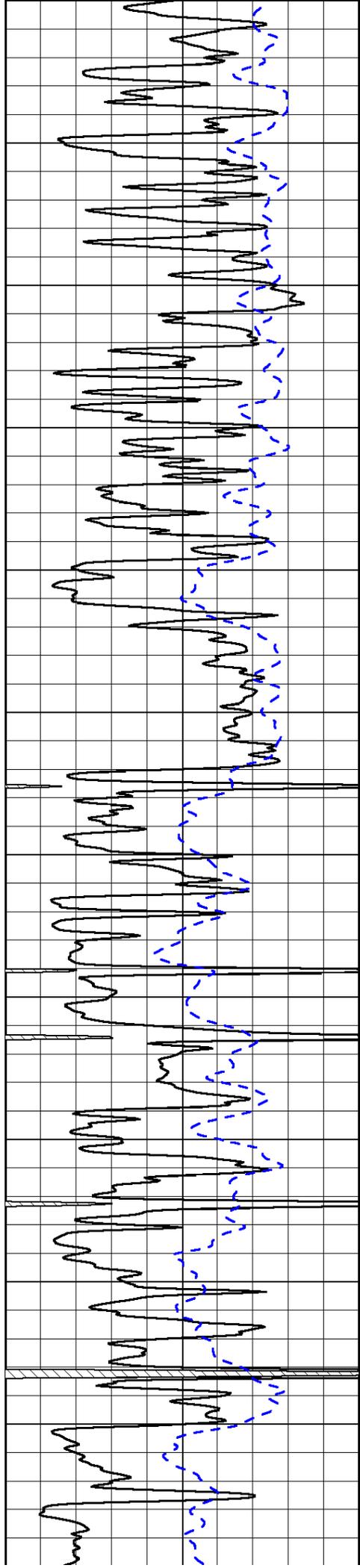


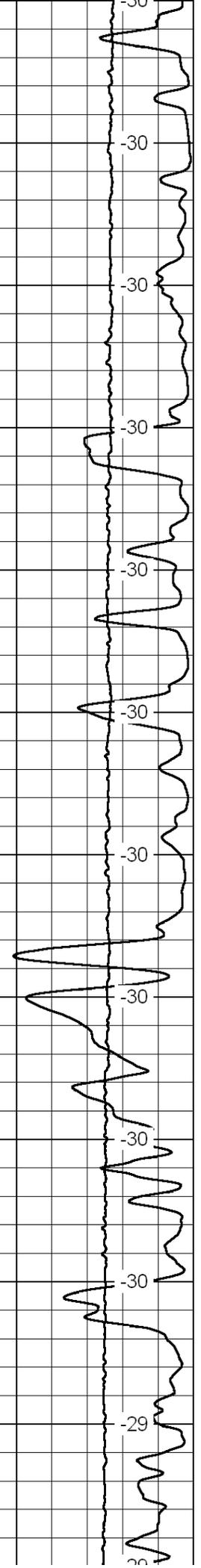
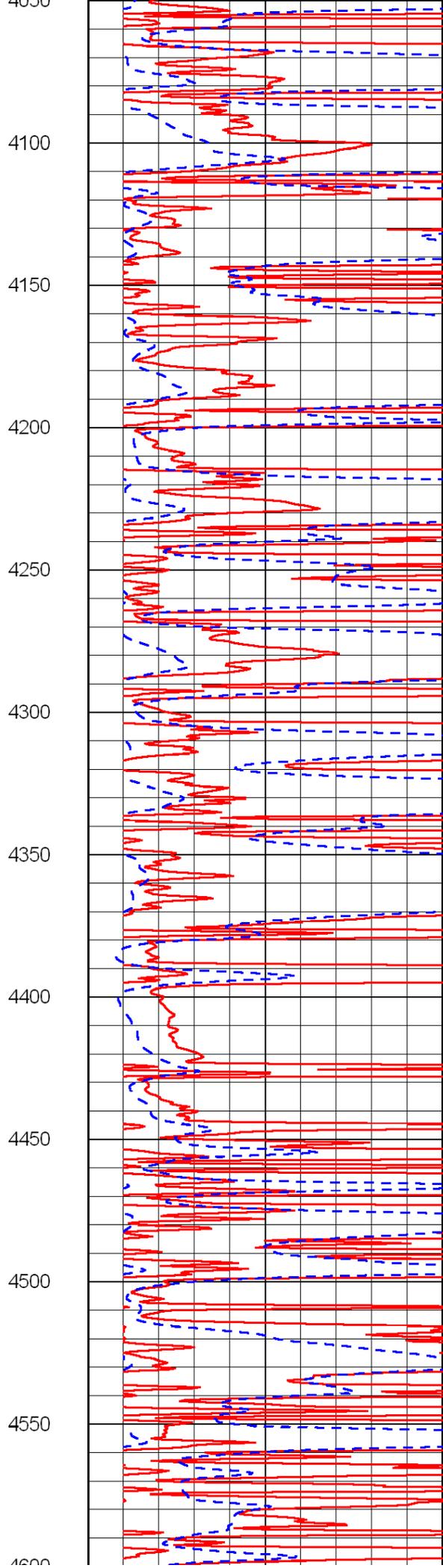
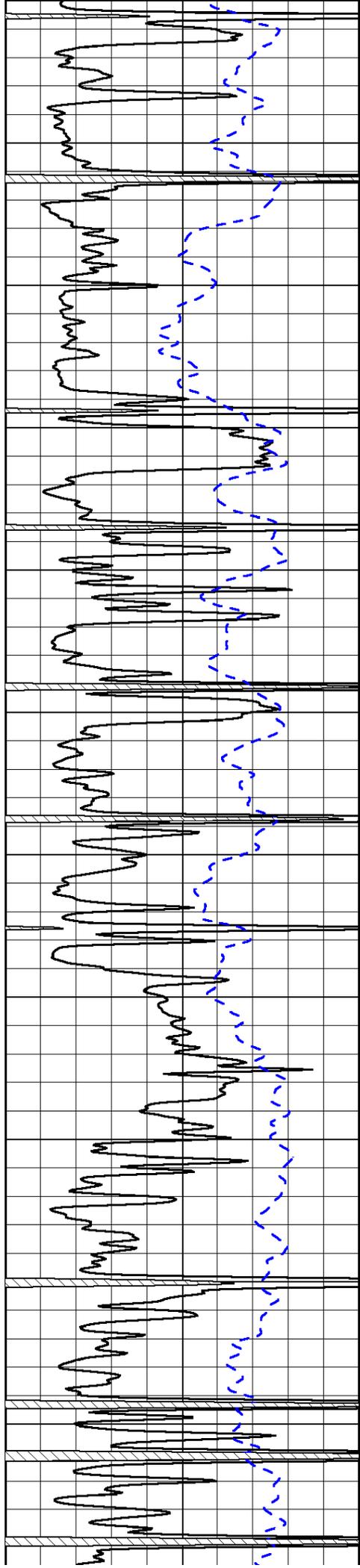


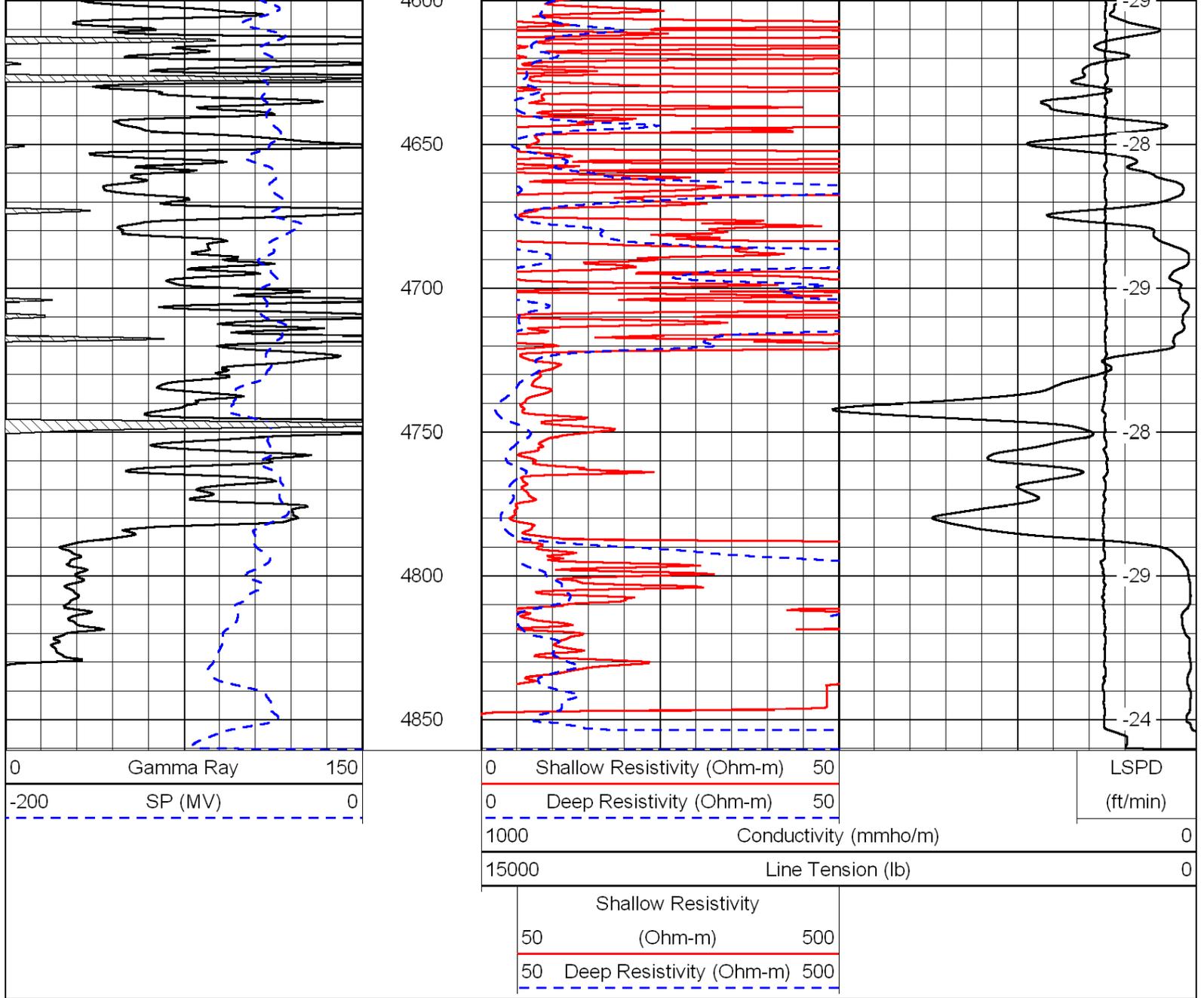




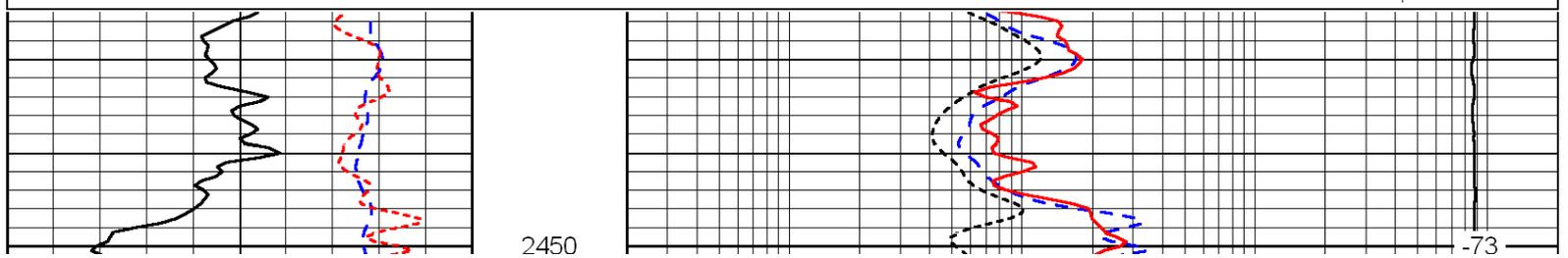
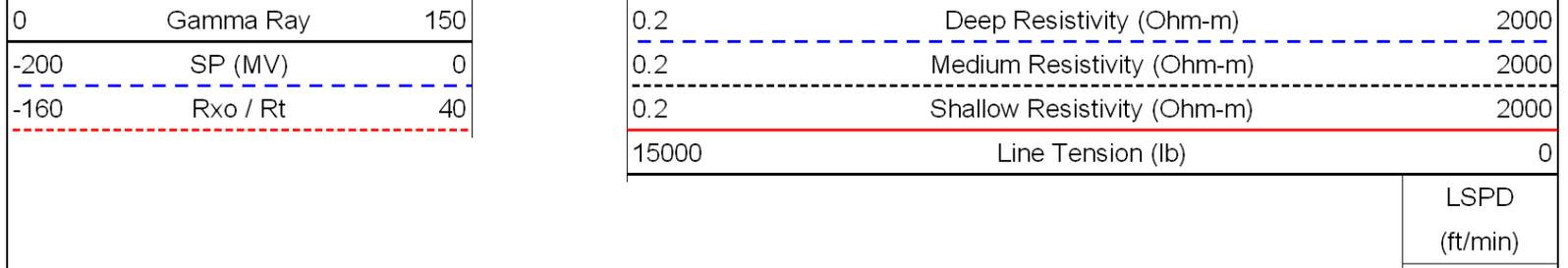


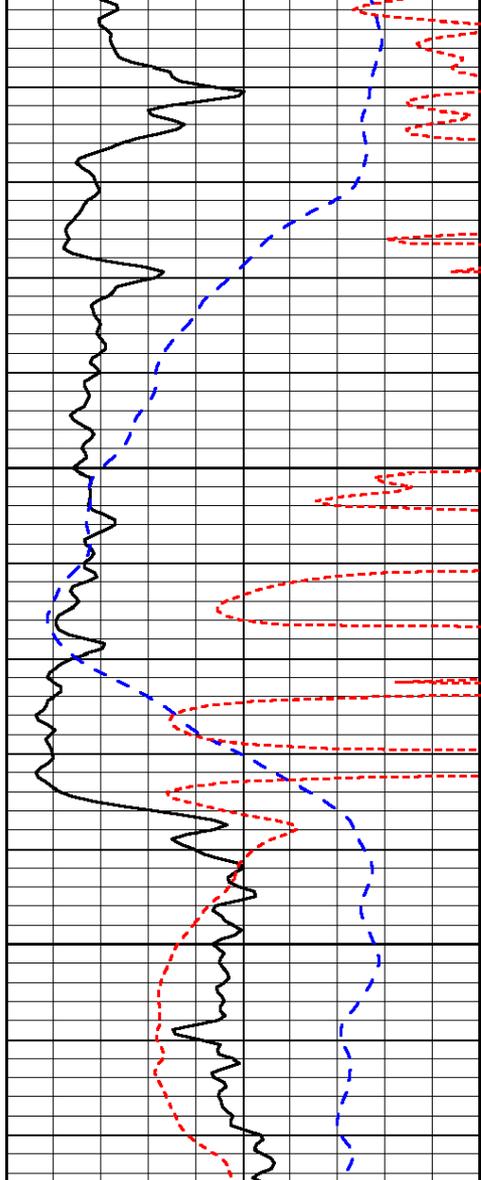






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 Dataset Pathname: dil/mak2in
 Presentation Format: dil
 Dataset Creation: Fri Mar 26 14:12:41 2010
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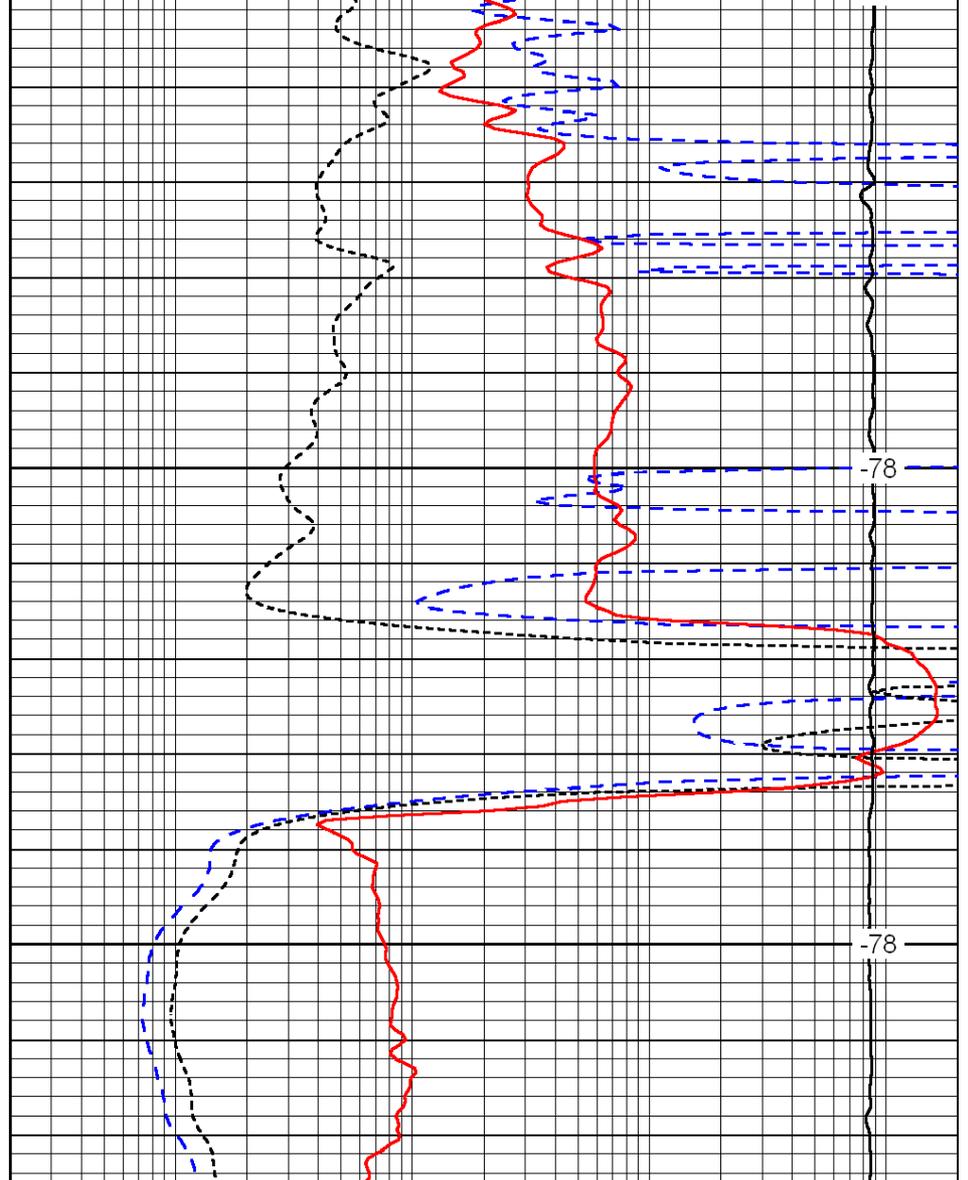




0	Gamma Ray	150
-200	SP (MV)	0
-160	Rxo / Rt	40

2500

2550



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

-78

-78

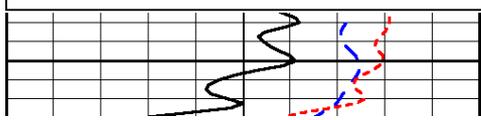
LSPD
(ft/min)

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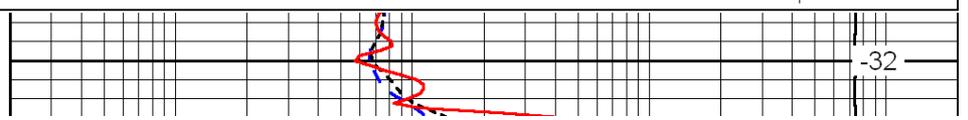
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-200	SP (MV)	0
-160	Rxo / Rt	40

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

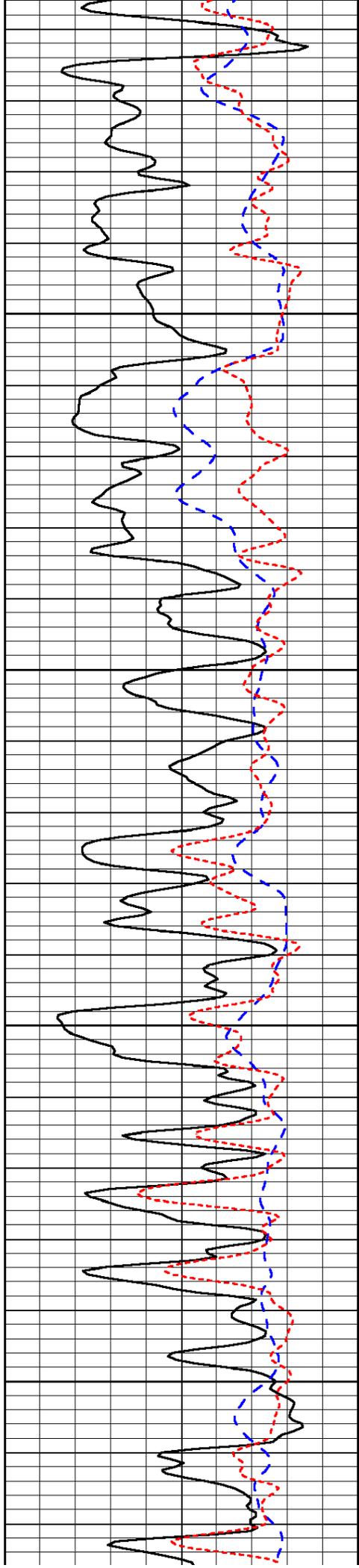
LSPD
(ft/min)



3400



-32

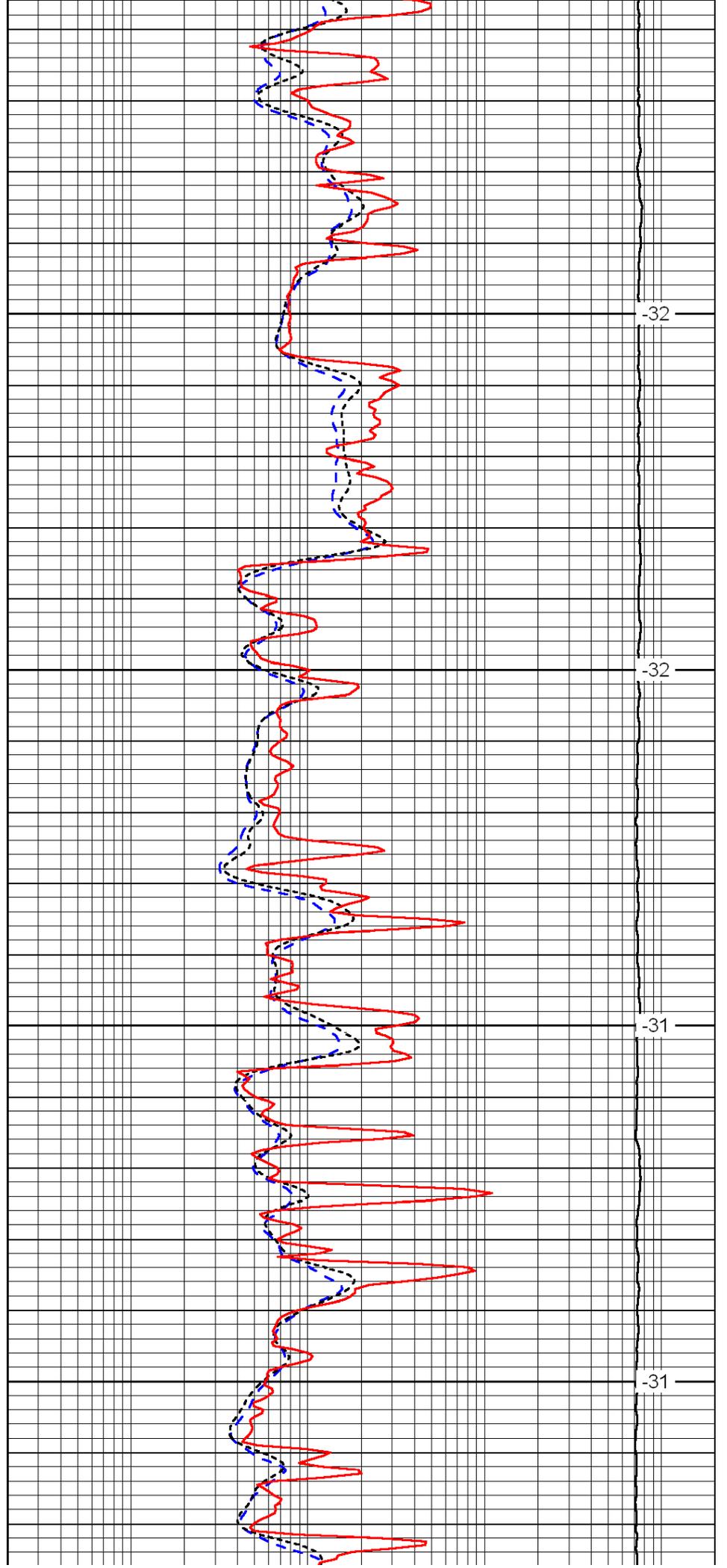


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3500

3550

3600

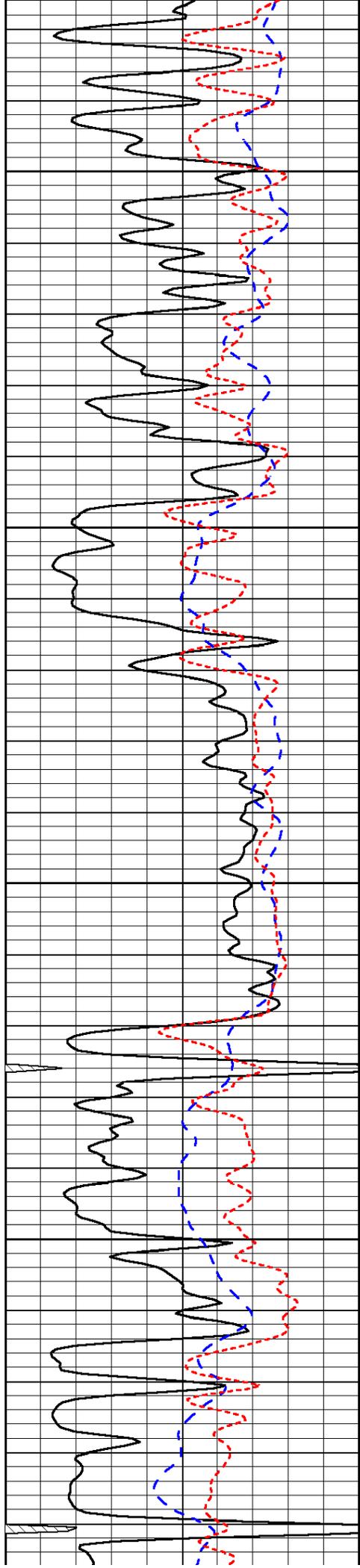


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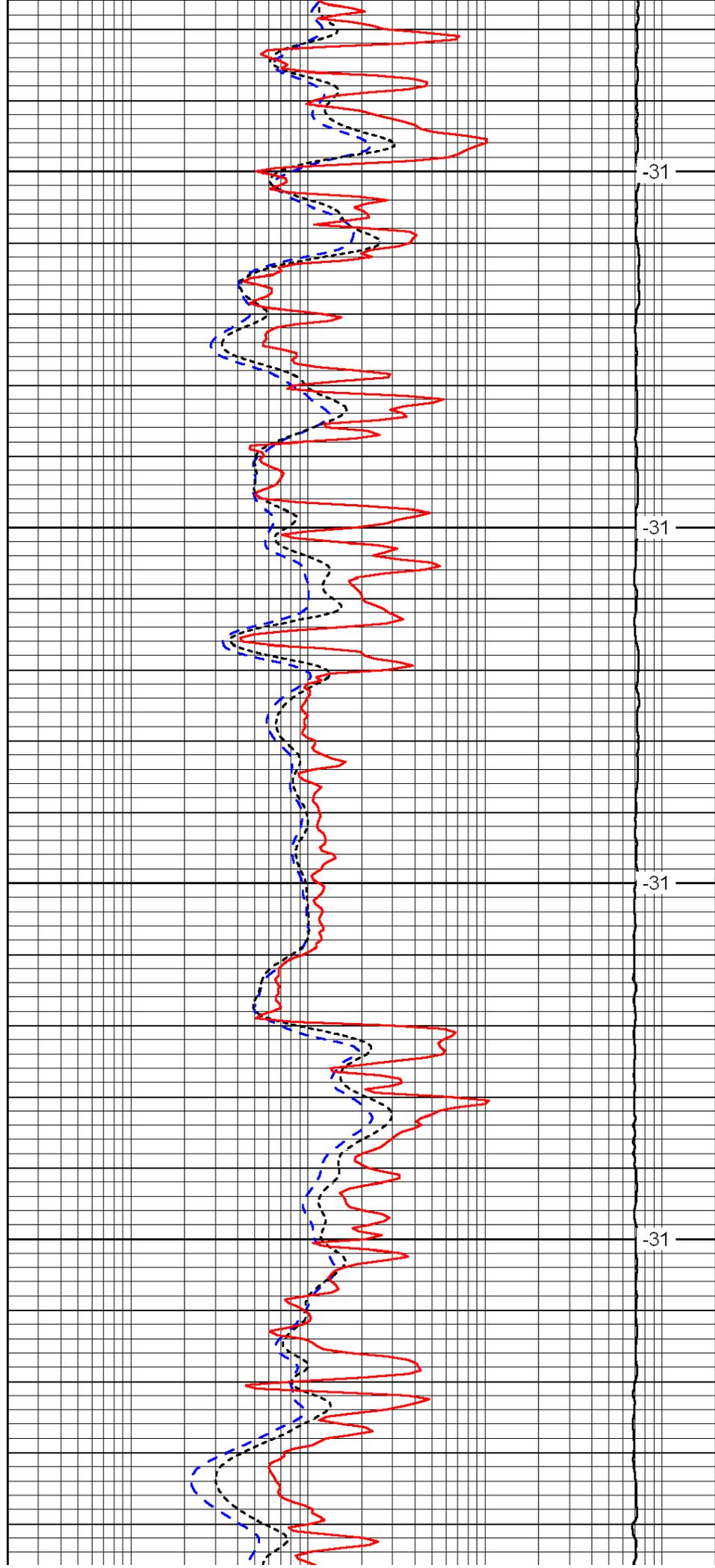


3650

3700

3750

3800

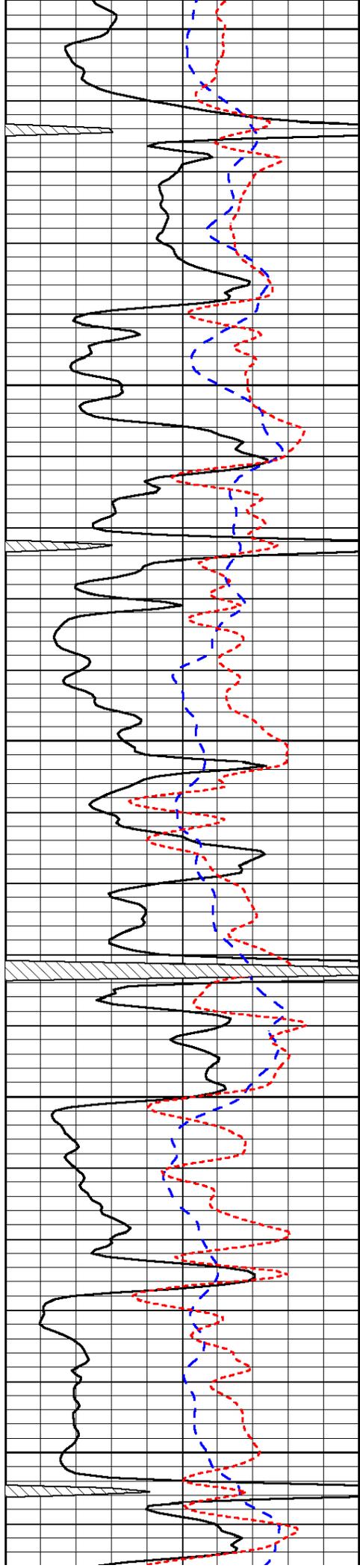


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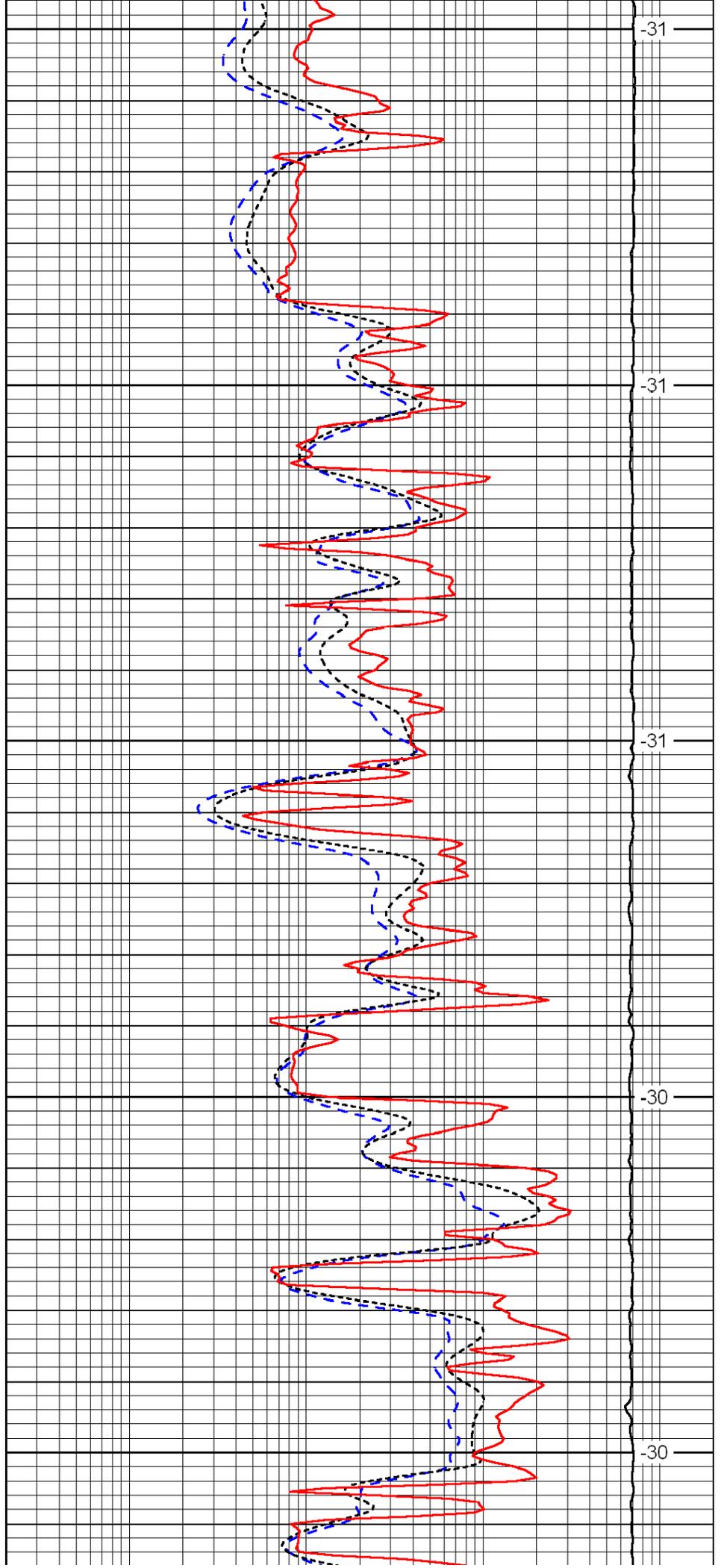
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3900

3950

4000

4050



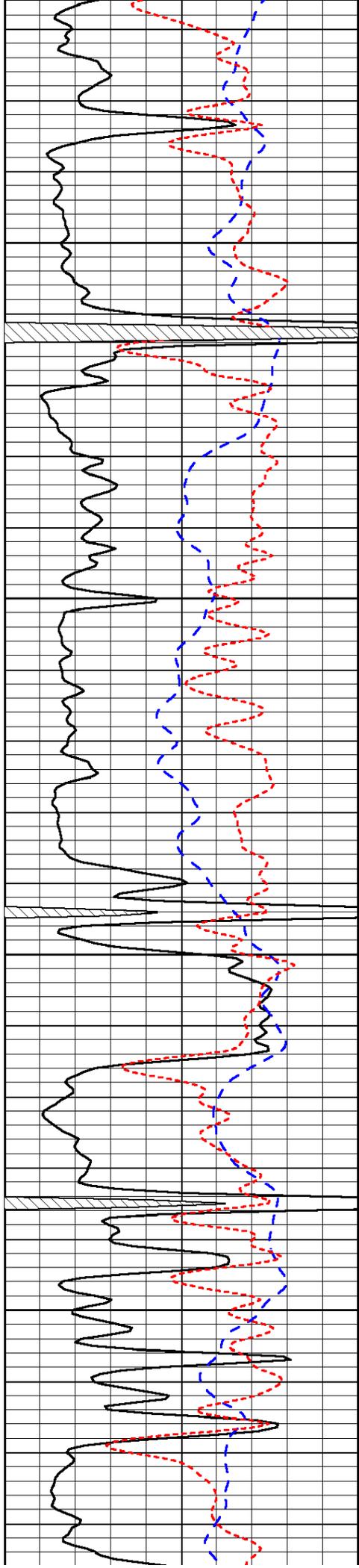
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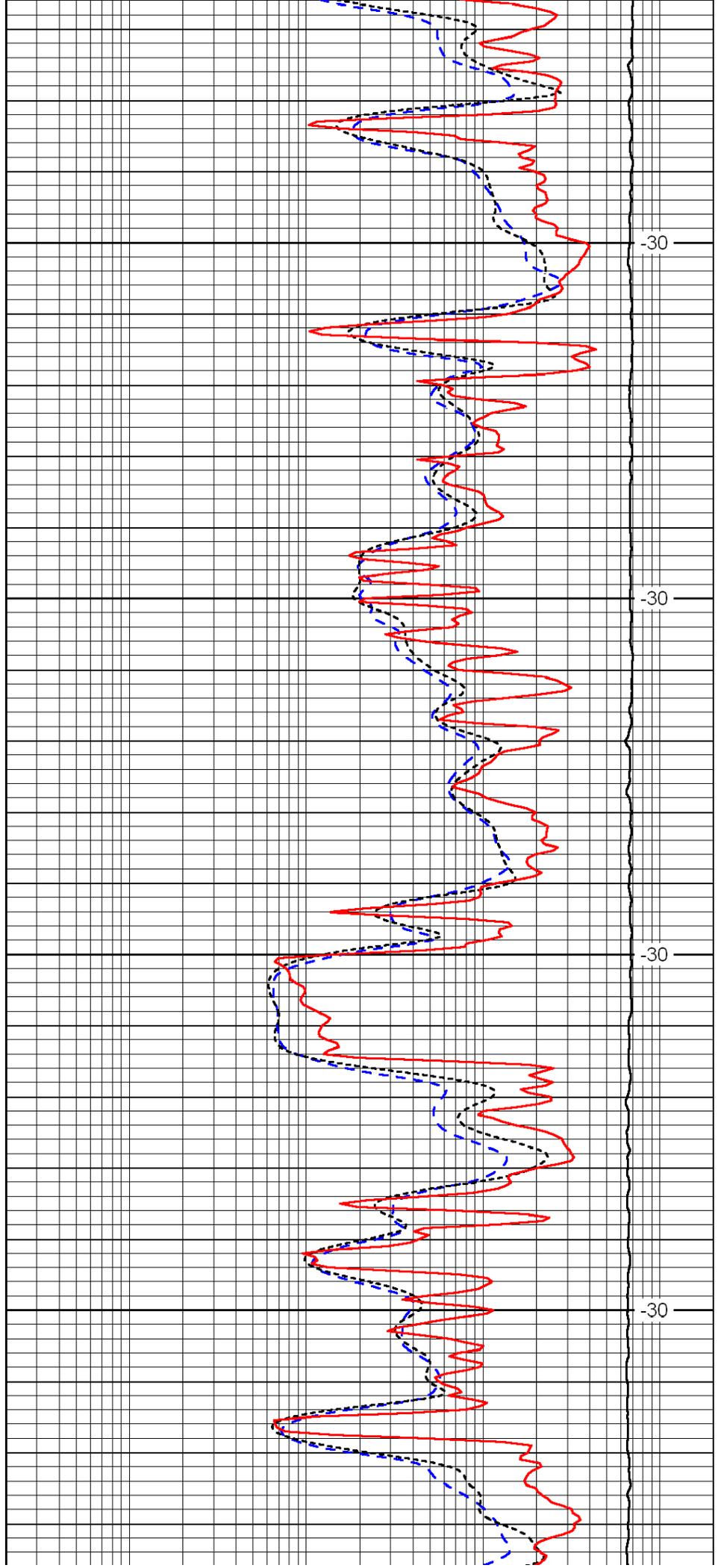


4100

4150

4200

4250

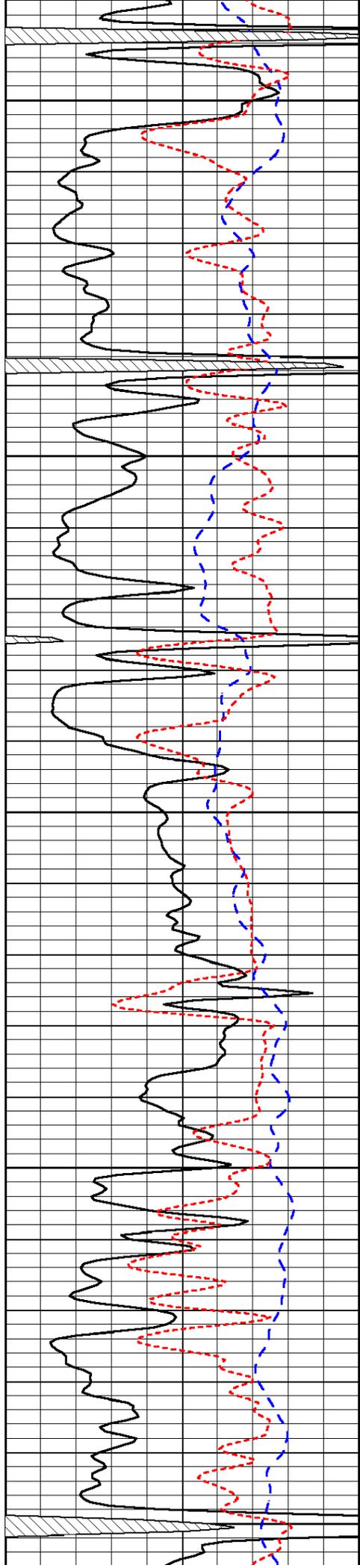


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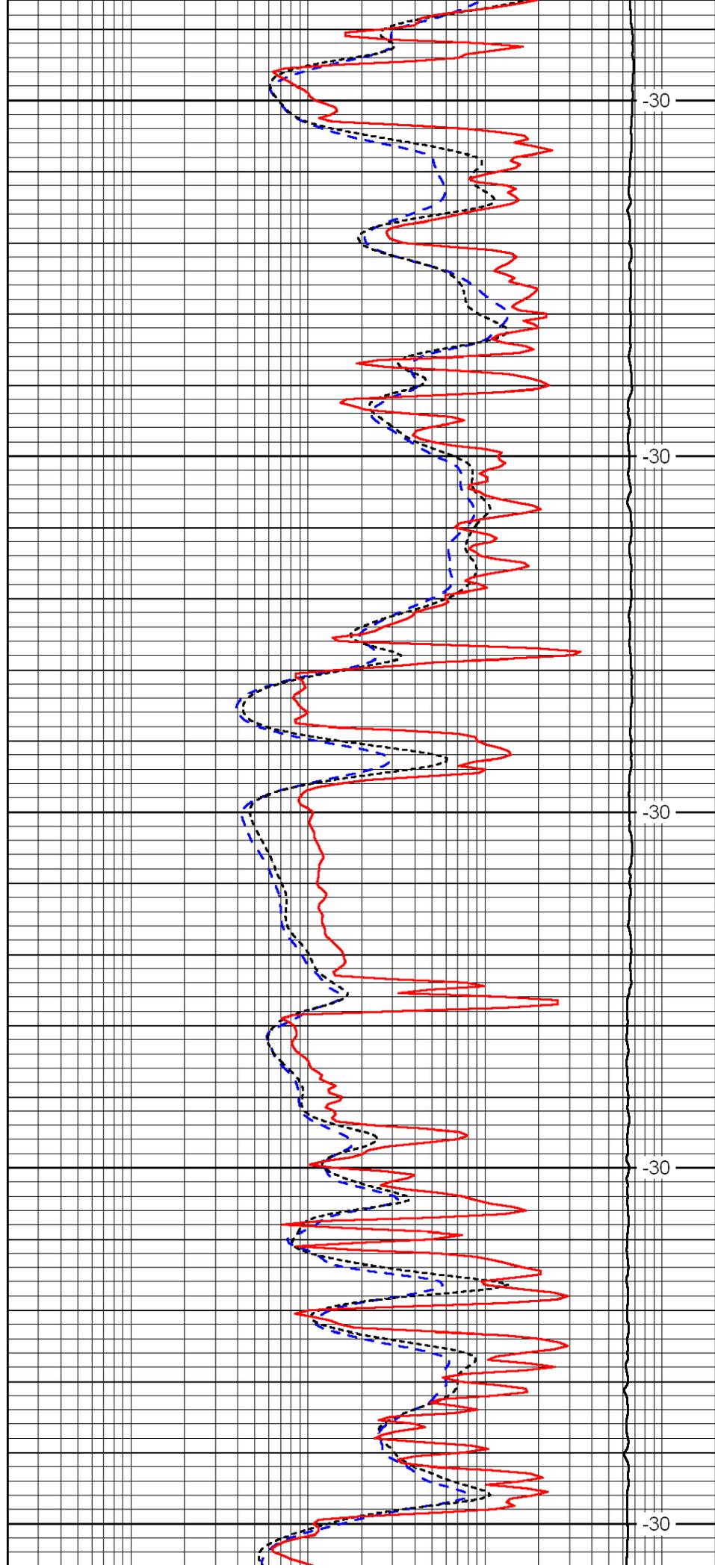
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4350

4400

4450

4500



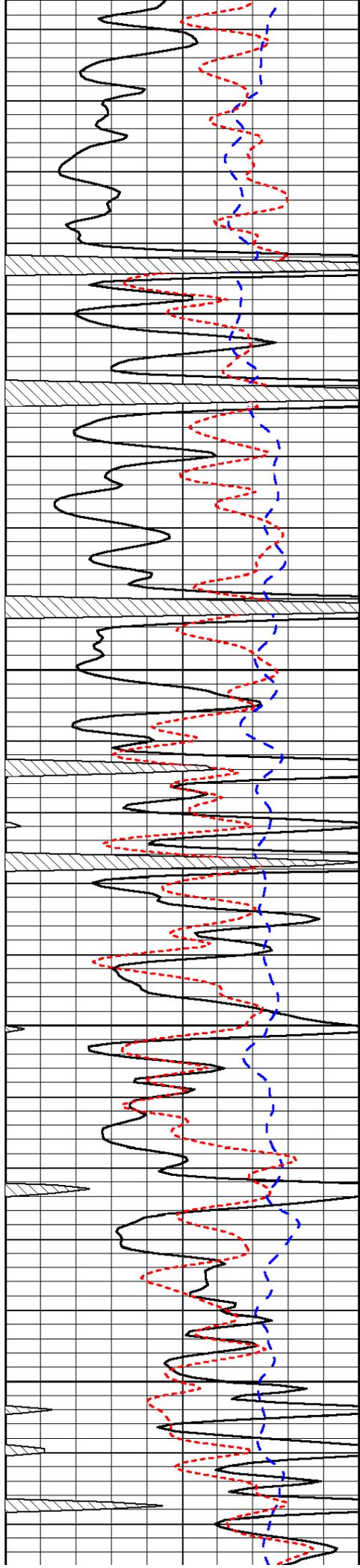
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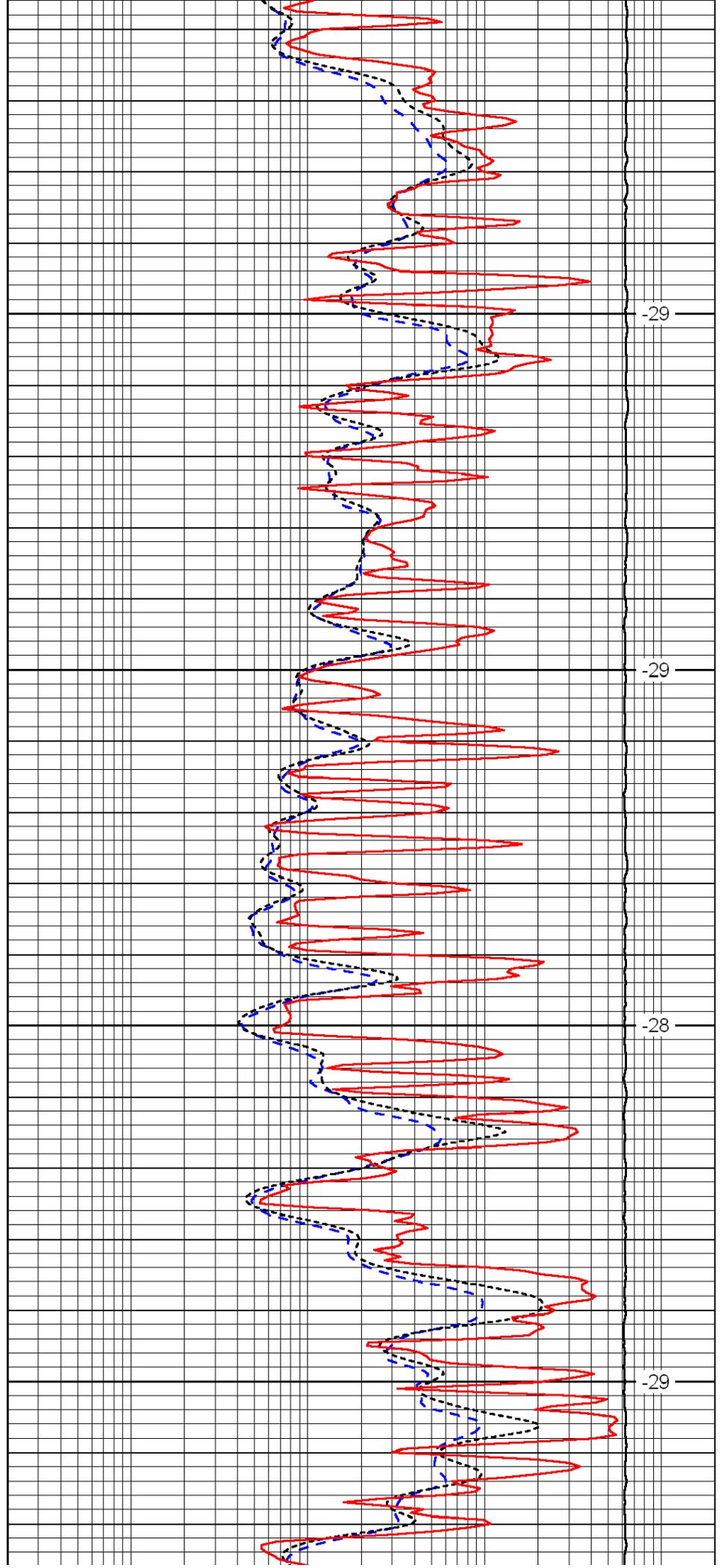


4550

4600

4650

4700

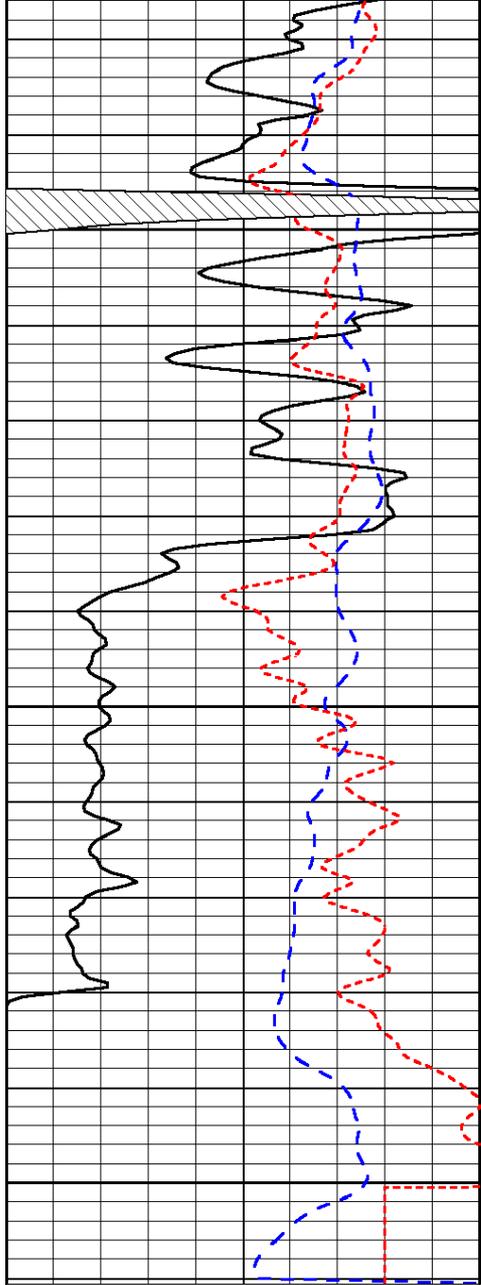


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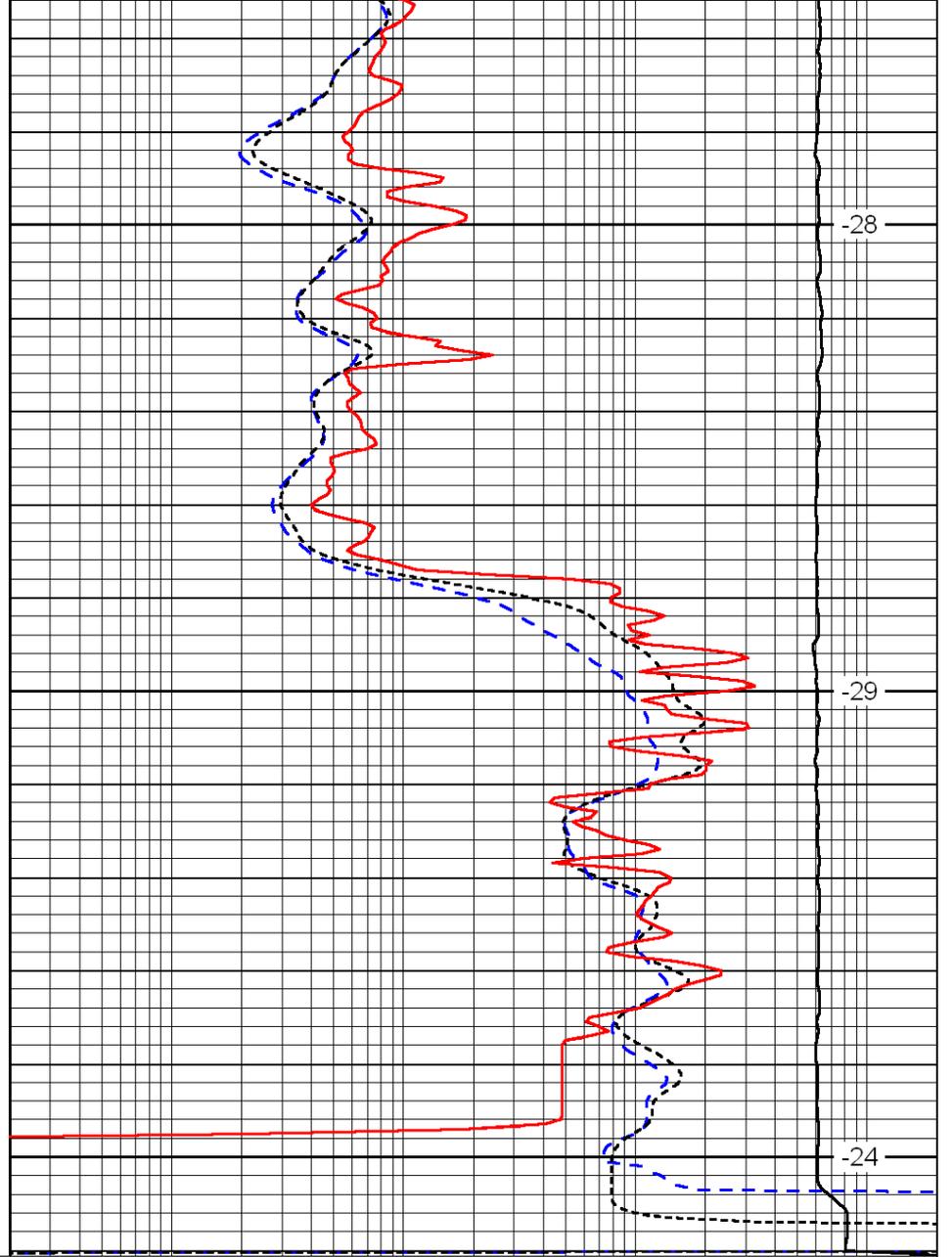


4750

4800

4850

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



-28

-29

-24

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)