



Dual Induction Log

Pioneer Energy Services

API No.	Company McCoy Petroleum Corporation				
	Well Stewart "A" No. 2-31				
	Field Love-Three North				
	County	Sumner	State	Kansas	
15-191-22,680-00-00	Location	990' FSL & 1,750' FEL			Other Services CNL/CDL MEL
	Sec: 31	Tw: 31S	Rge: 3W	Elevation	
Permanent Datum	Ground Level	Elevation 1288		K.B. 1297	
Log Measured From	Kelly Bushing	9	Ft. Above Perm. Datum	D.F. 1288	
Drilling Measured From	From Kelly Bushing	G.L. 1288			
Date	4/19/2013				
Run Number	One				
Depth Driller	4458				
Depth Logger	4454				
Bottom Logged Interval	4453				
Top Log Interval	250				
Casing Driller	8.625 @ 276				
Casing Logger	275				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity, ppm CL	4000				
Density / Viscosity	9.5	51			
pH / Fluid Loss	9.0	9.6			
Source of Sample	Flowline				
Rm @ Meas. Temp	.40 @ 65				
Rmf @ Meas. Temp	.30 @ 65				
Rmc @ Meas. Temp	.54 @ 65				
Source of Rmf / Rmc	Charts				
Rm @ BHT	.22 @ 121				
Operating Rig Time	4 Hours				
Max Rec. Temp. F	121				
Equipment Number	108				
Location	Hays				
Recorded By	J. Long				
Witnessed By	Evan Stone				

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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

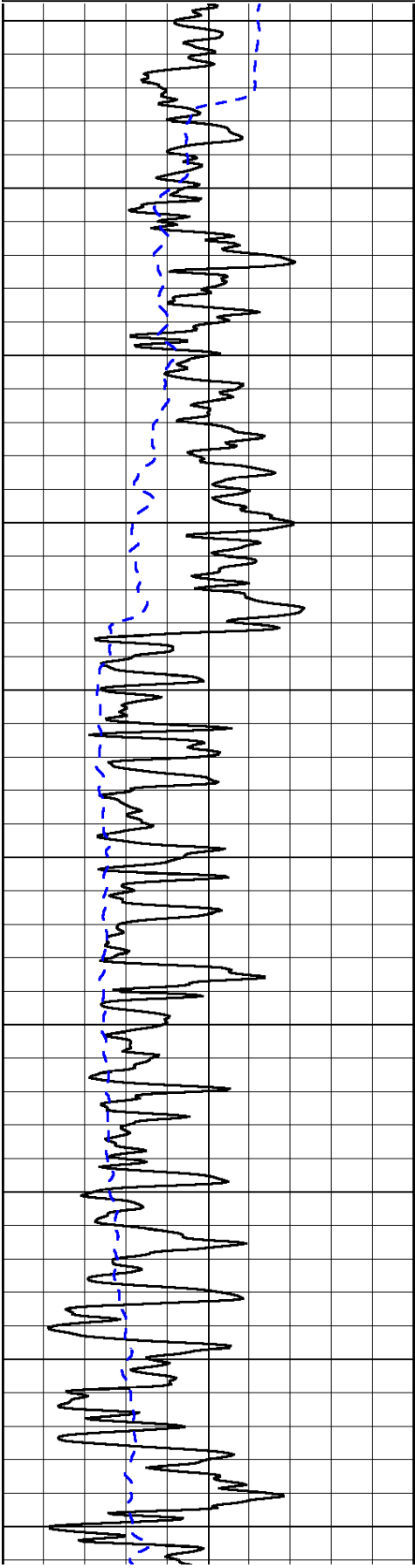
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

Conway Springs, 5 South to West 40th Avenue, 2 West, 1 South, 1/2 West, North Into

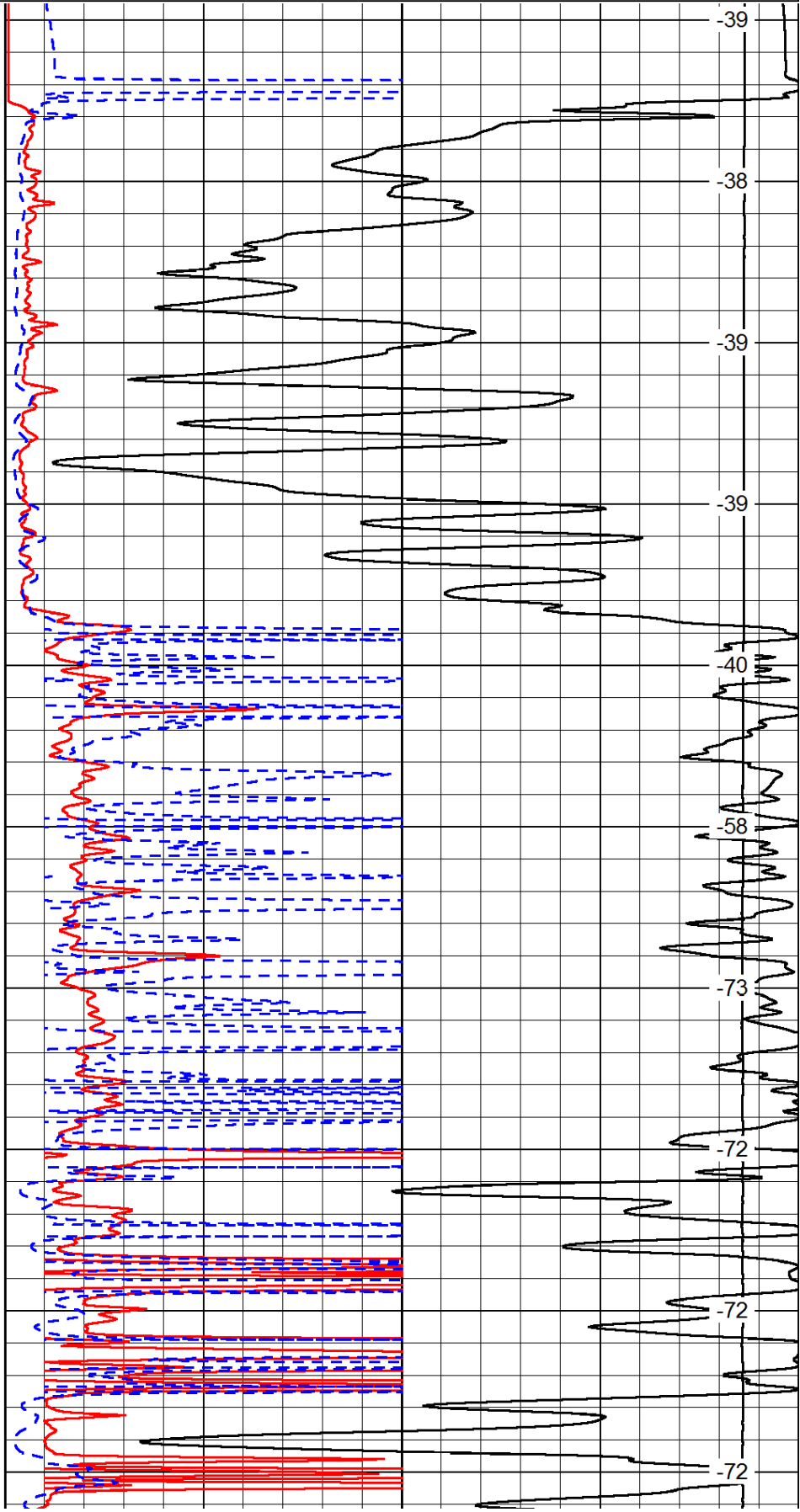
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Presentation Format: dil2in
Dataset Creation: Fri Apr 19 16:44:58 2013
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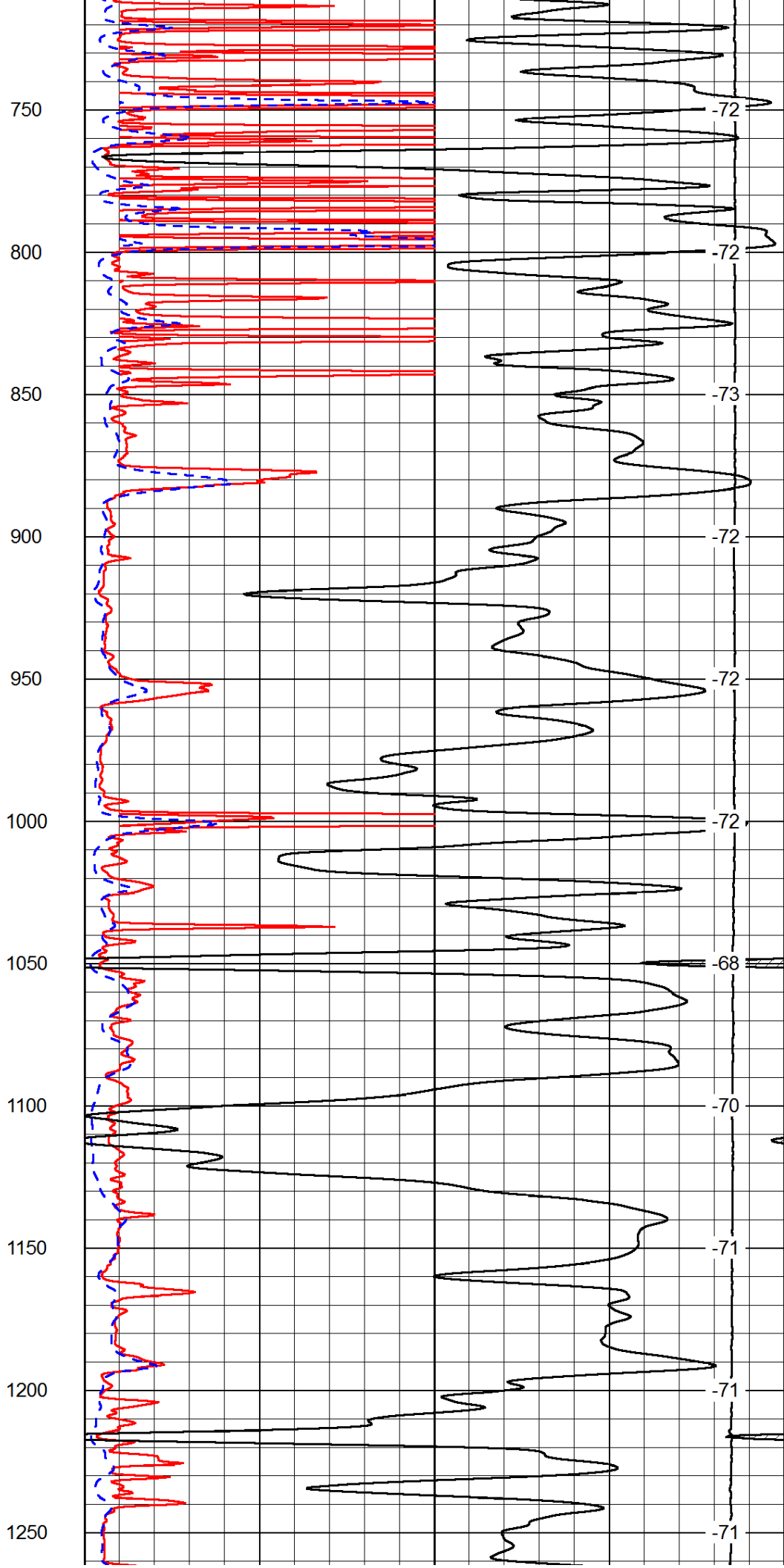
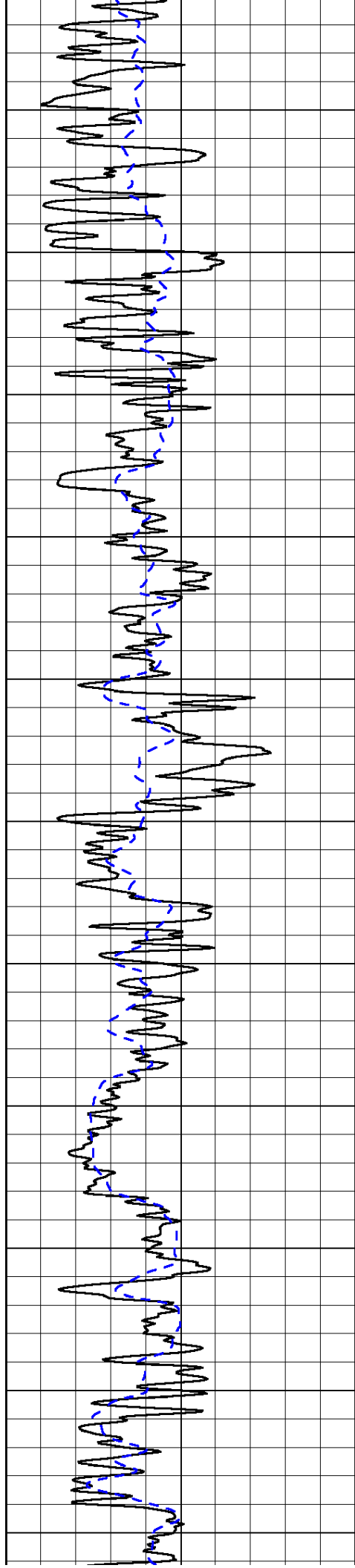
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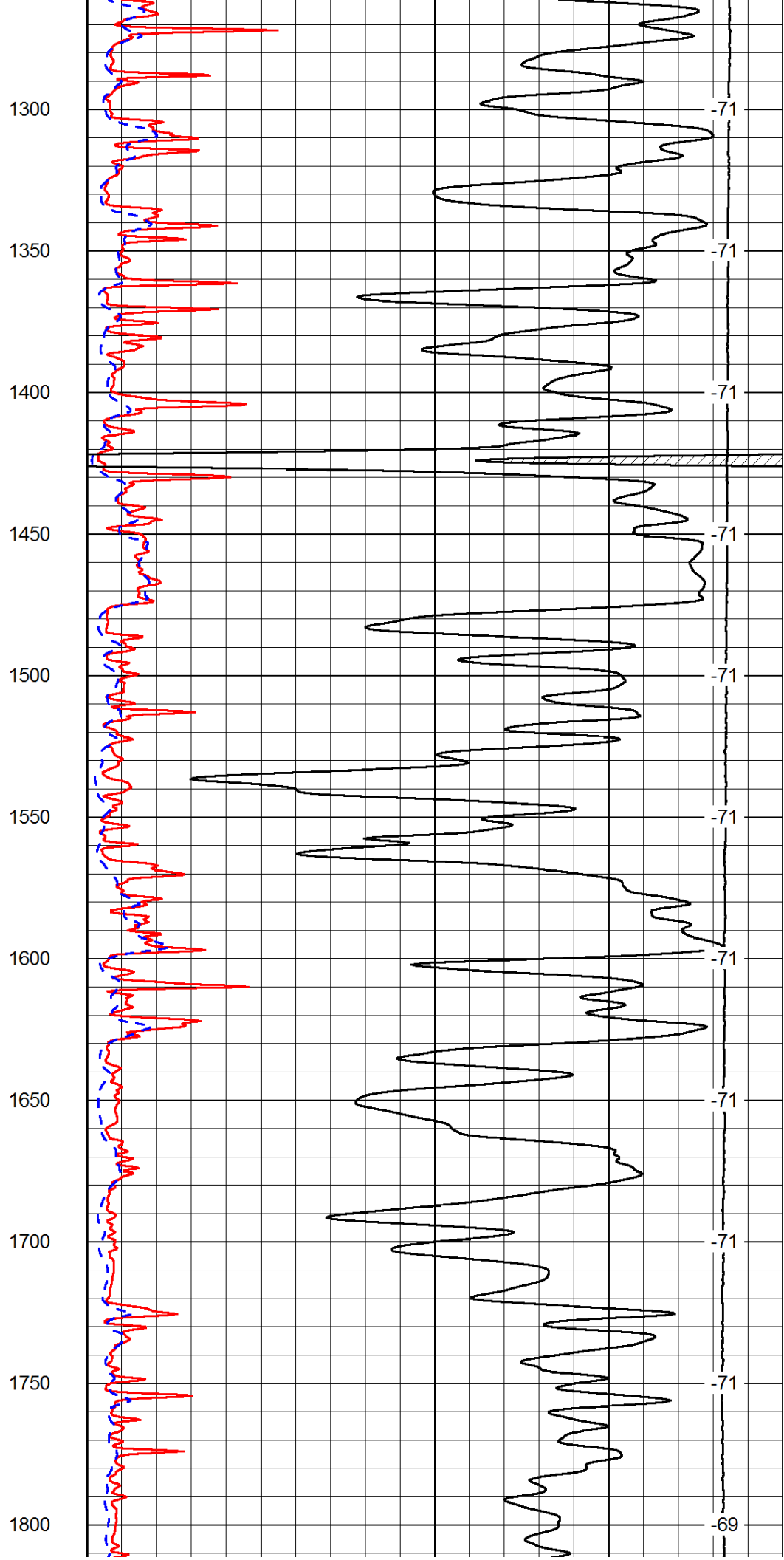
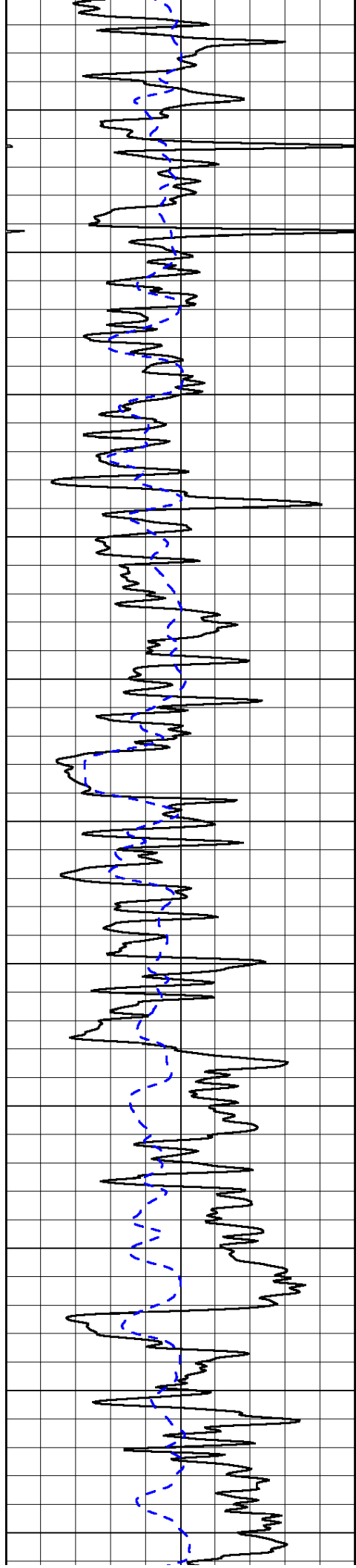
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-200	SP (mV)	0

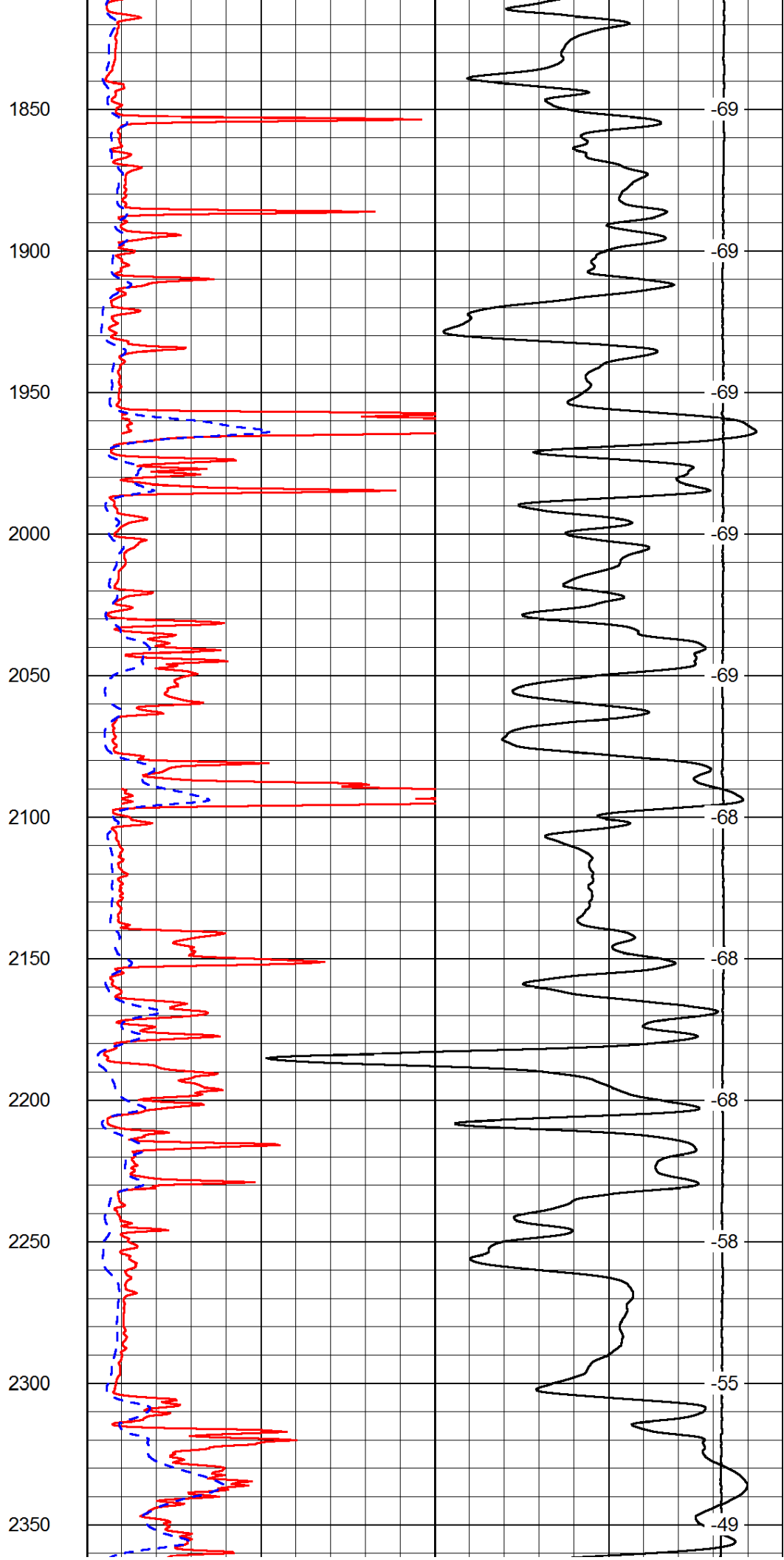
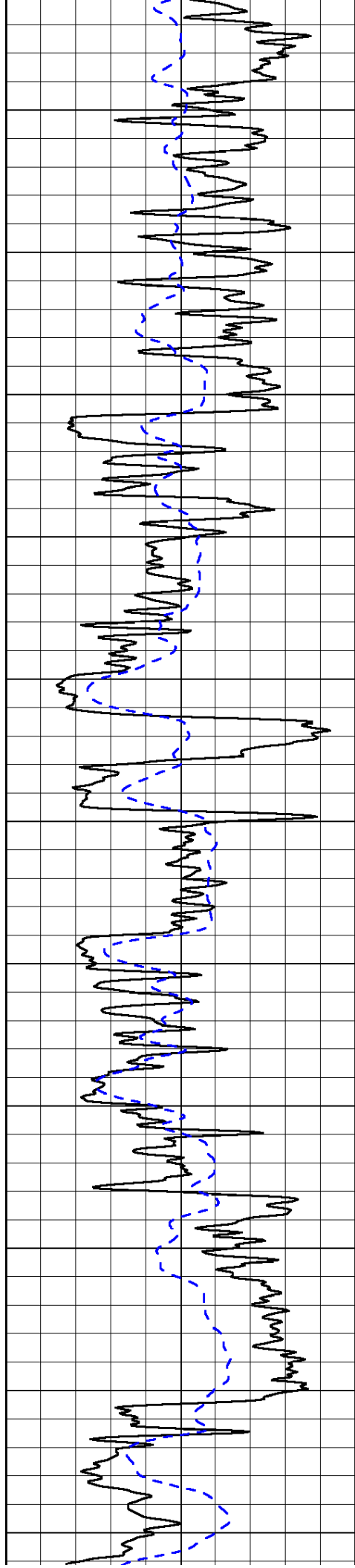


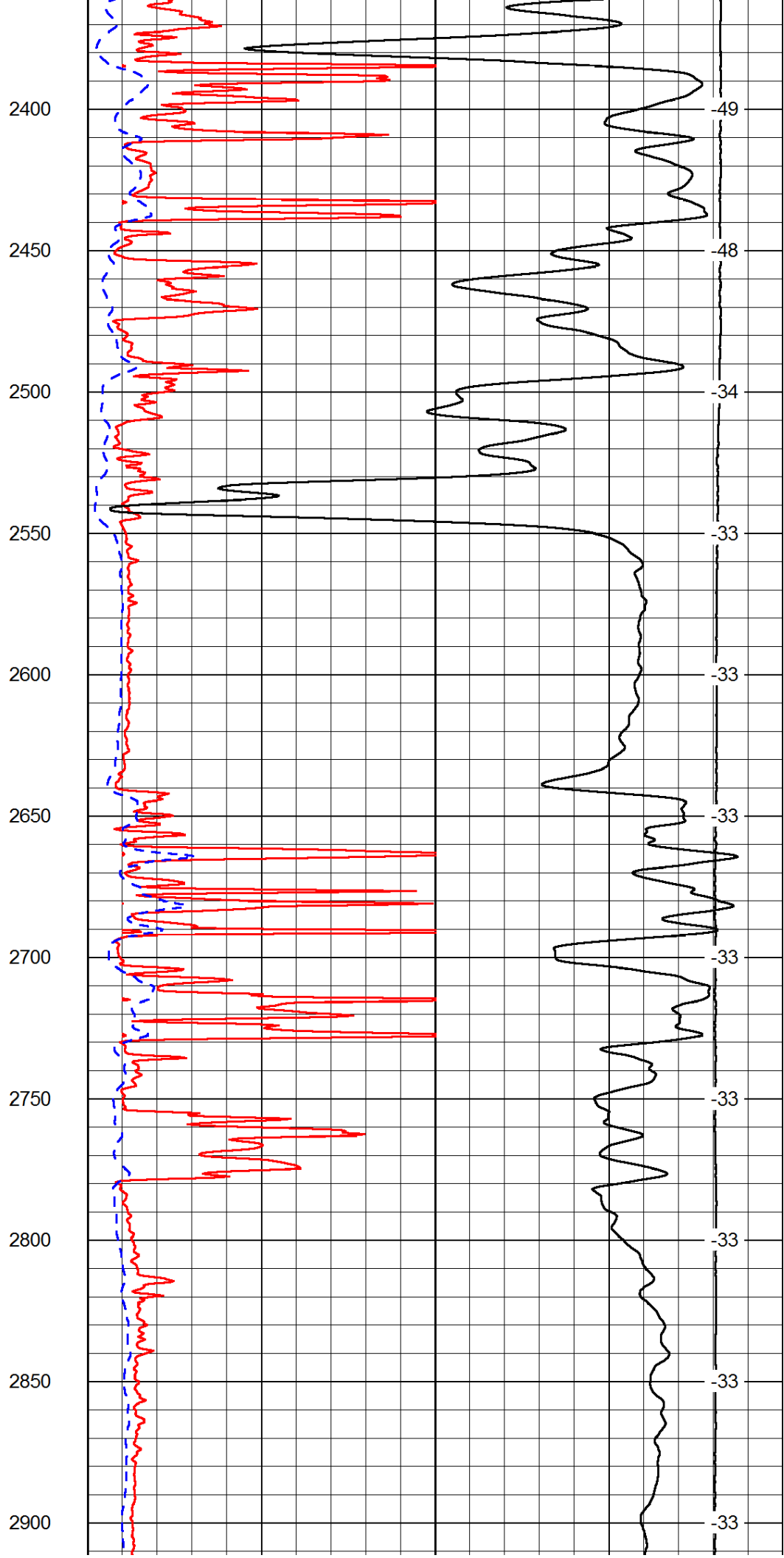
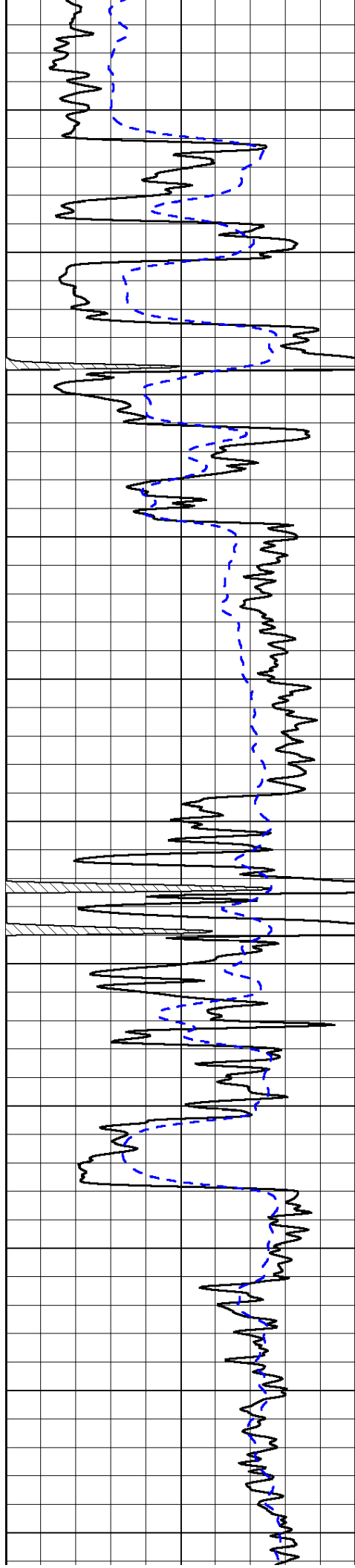
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0	Deep Resistivity	50	
1000	Conductivity		0
15000	Line Tension		0
50	Shallow Resistivity	500	
50	Deep Resistivity	500	

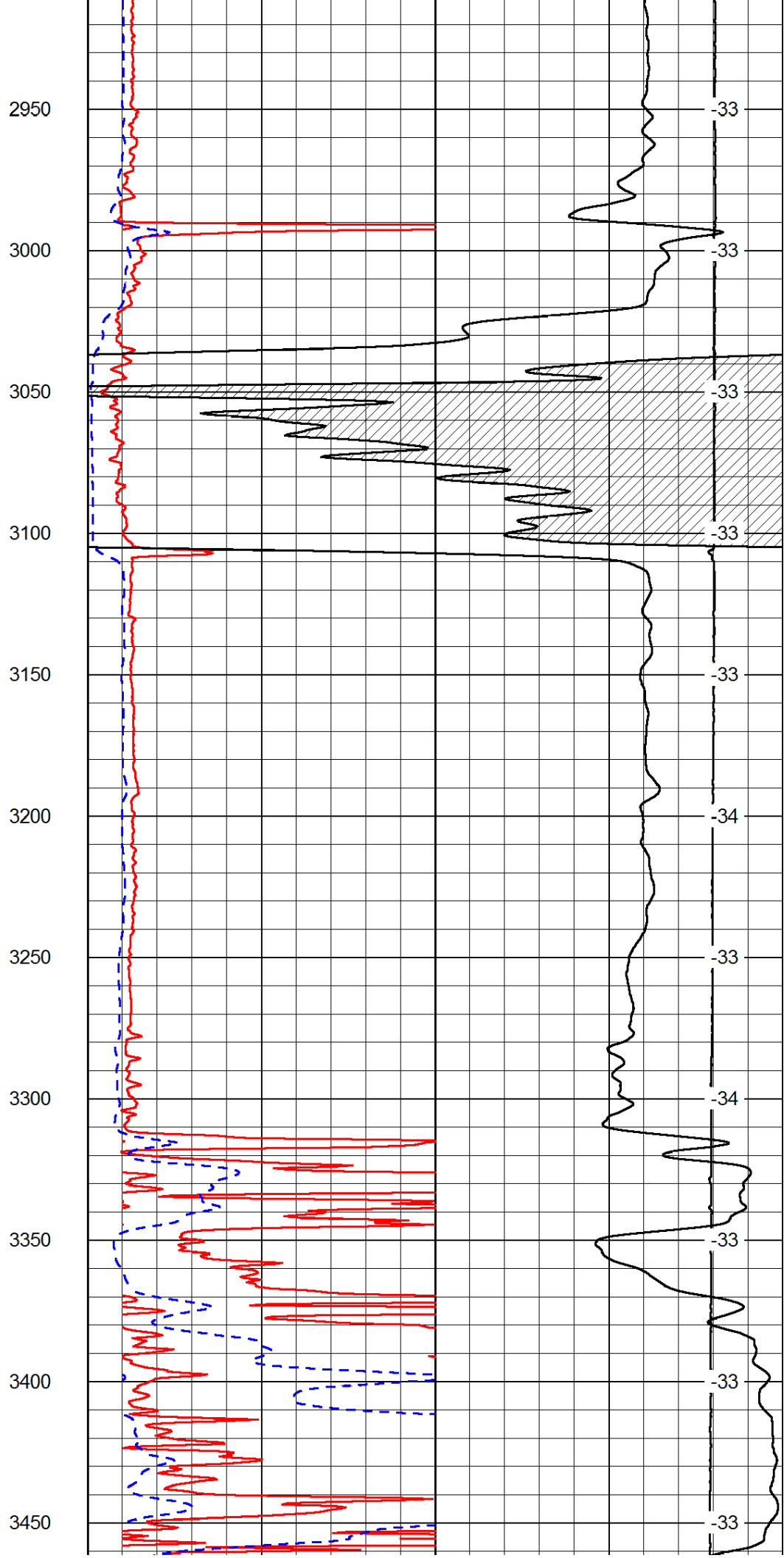
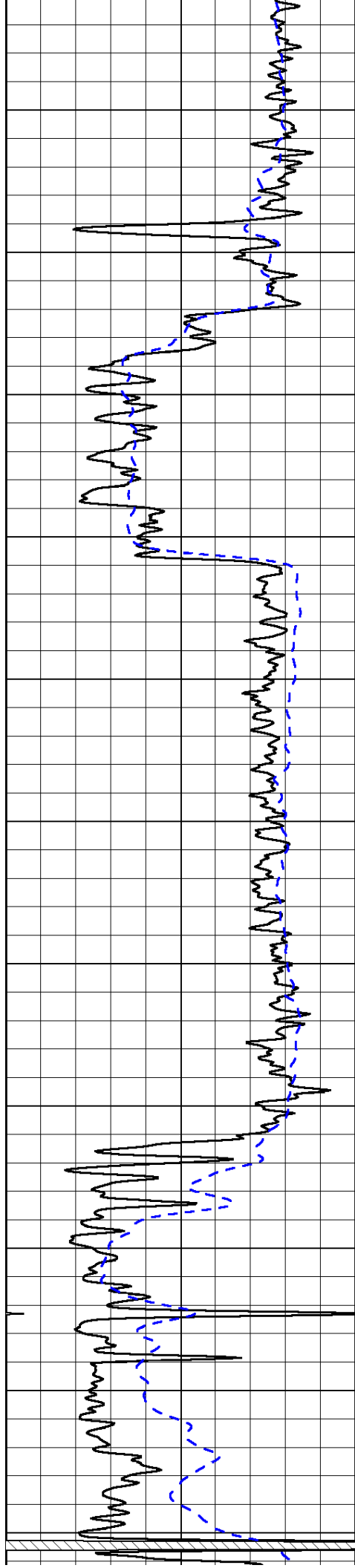


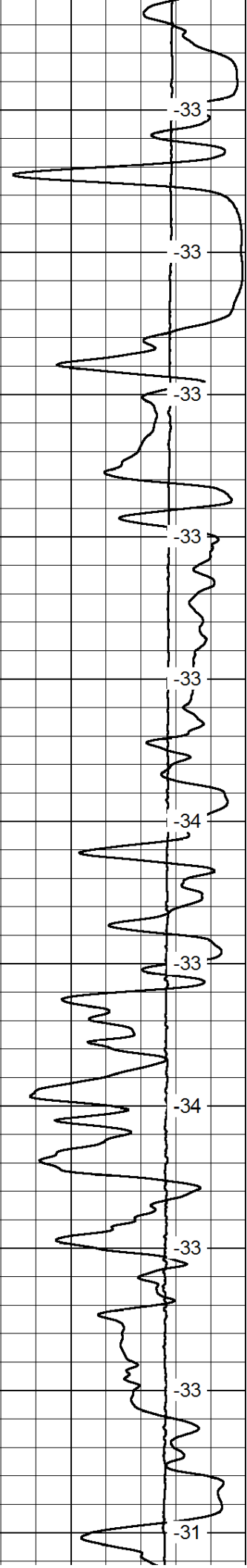
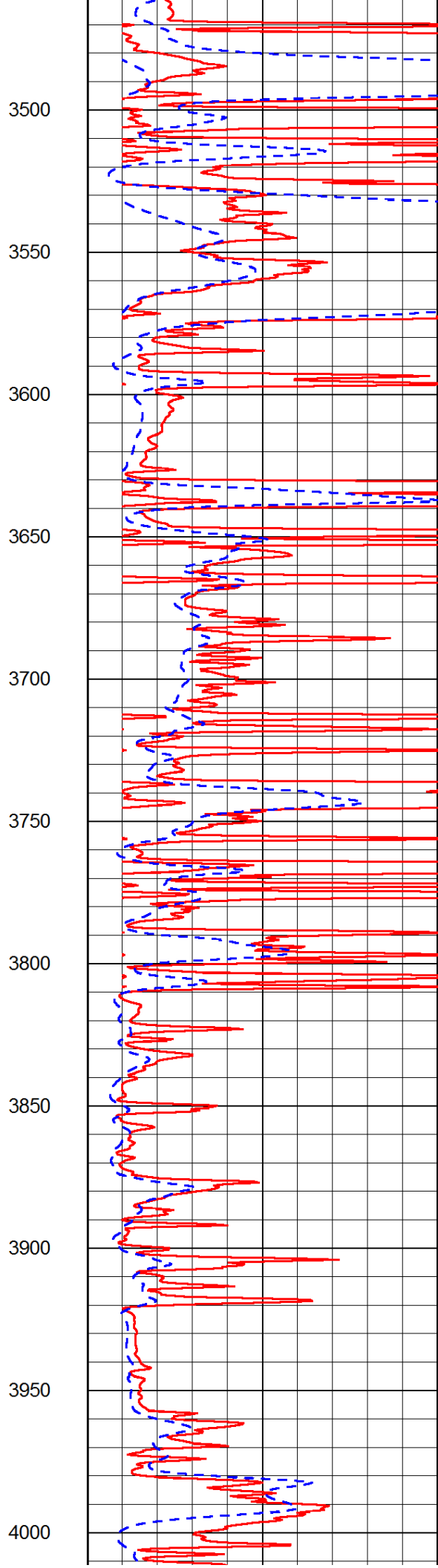
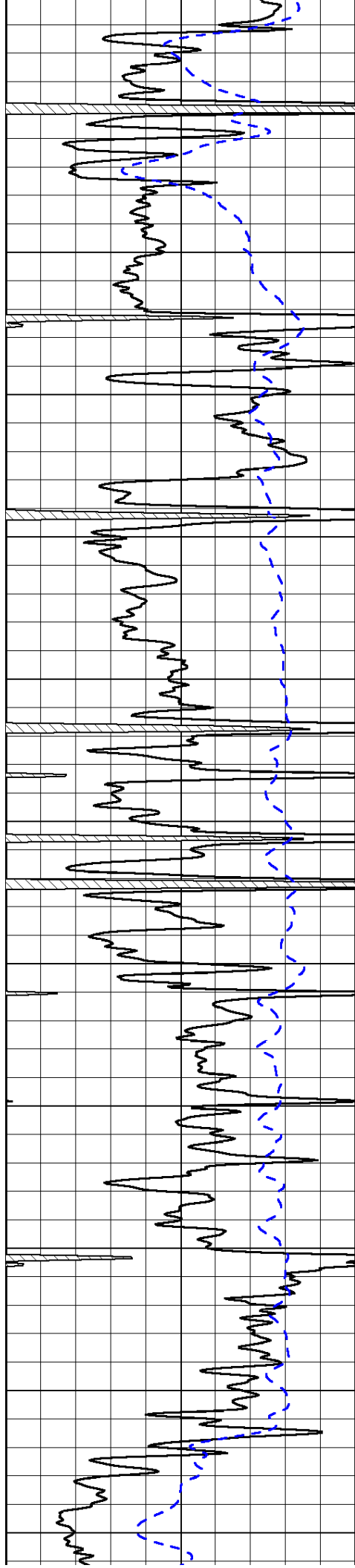


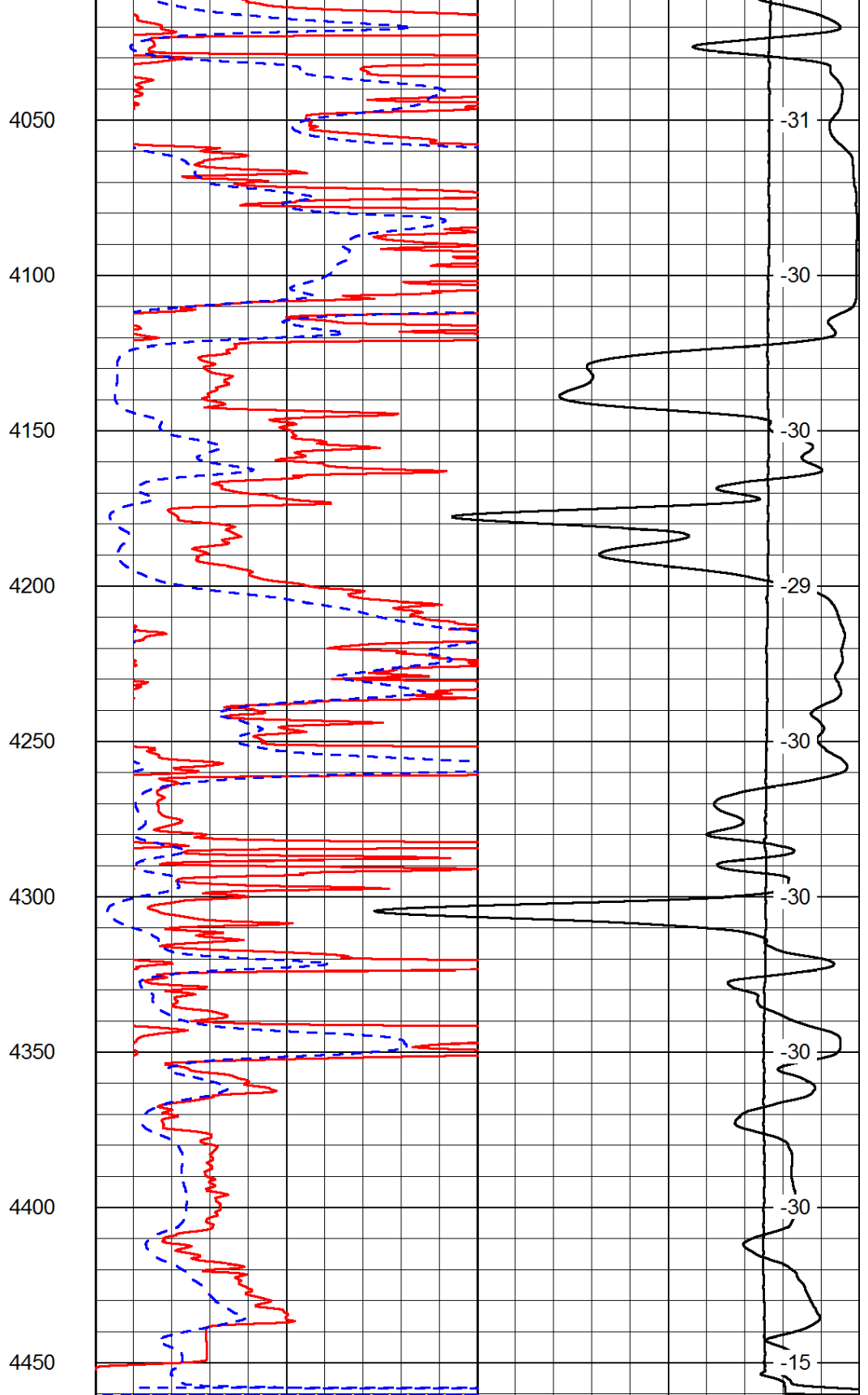
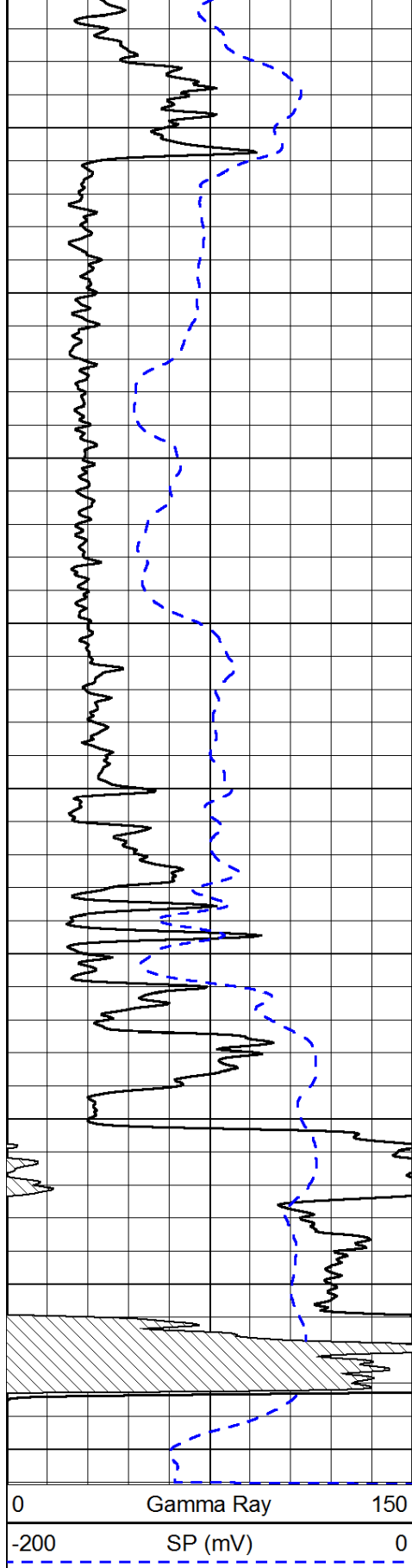










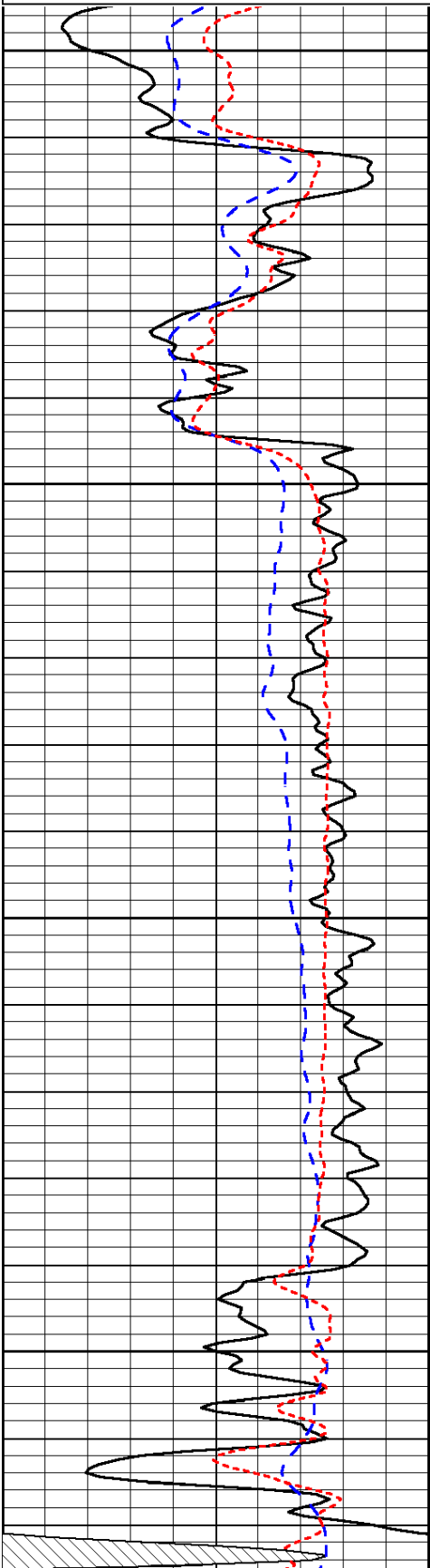


0	Gamma Ray	150
-200	SP (mV)	0
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD

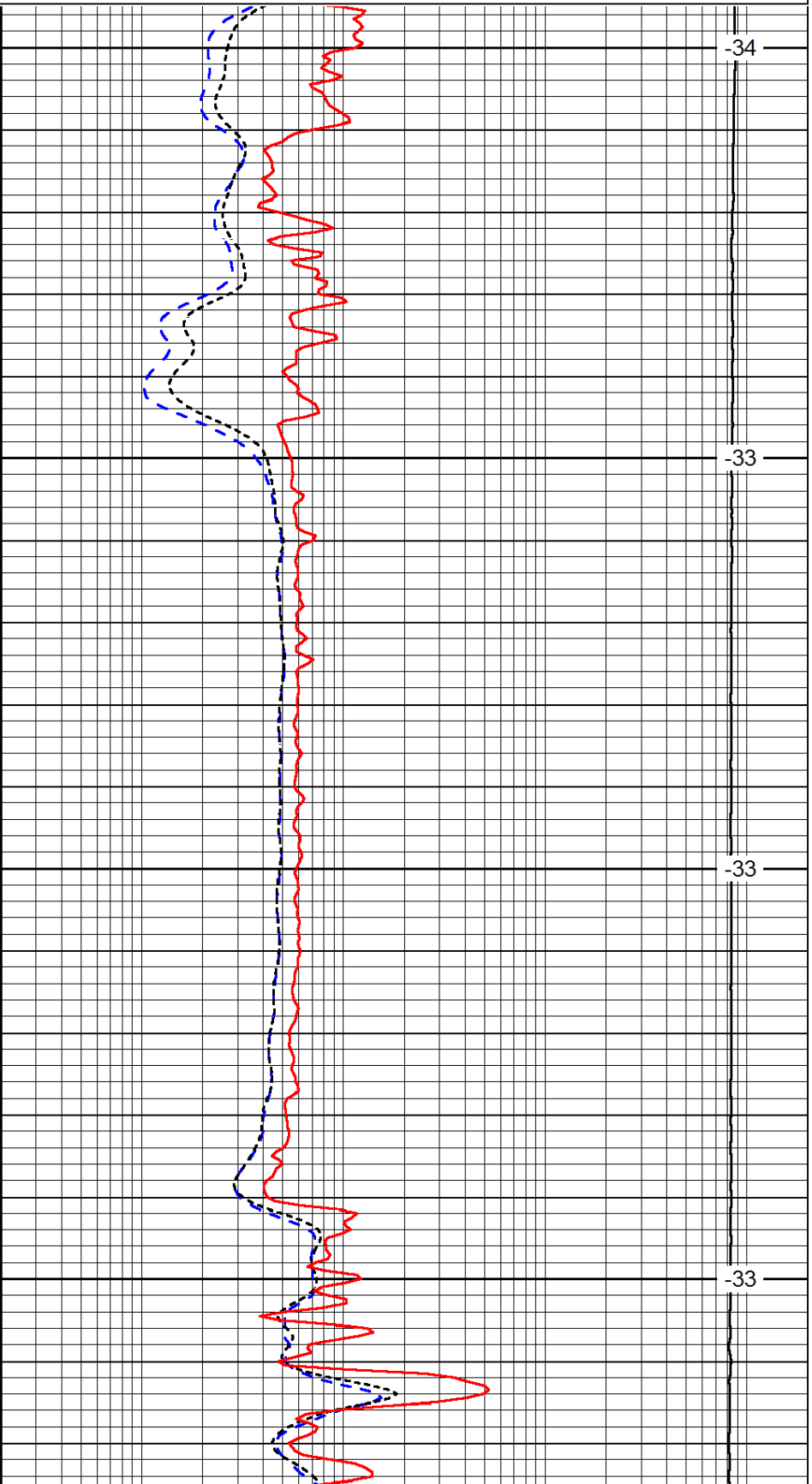


2500

2550

2600

2650

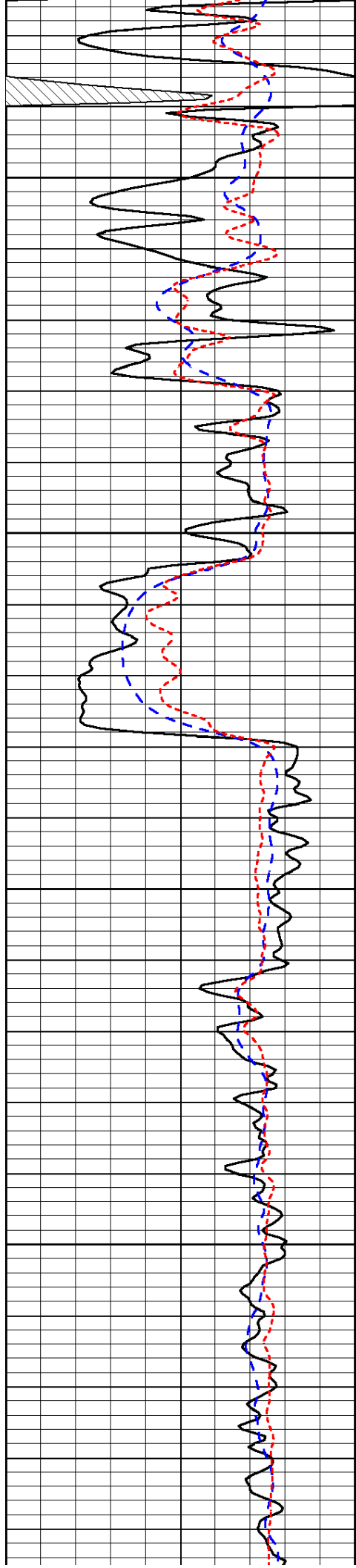


-34

-33

-33

-33

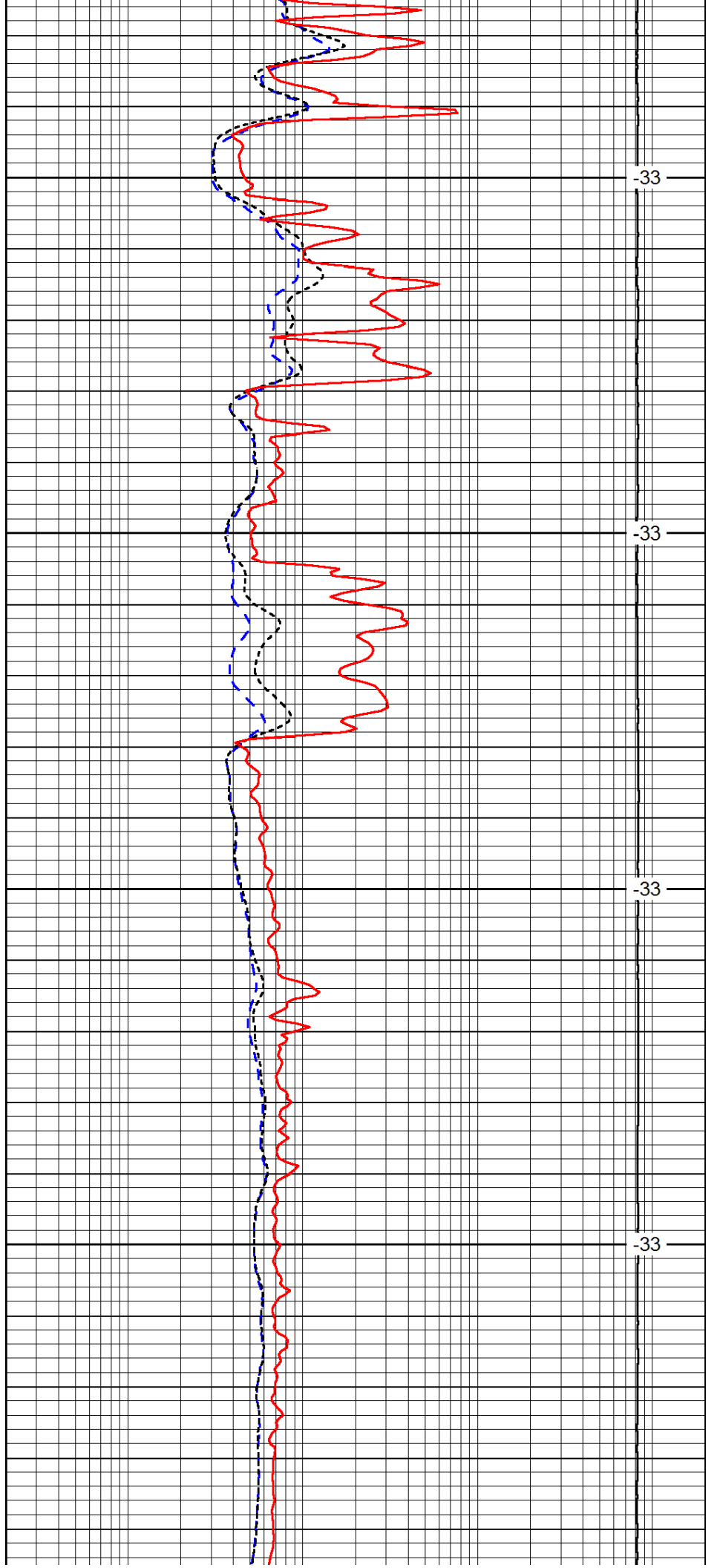


2700

2750

2800

2850

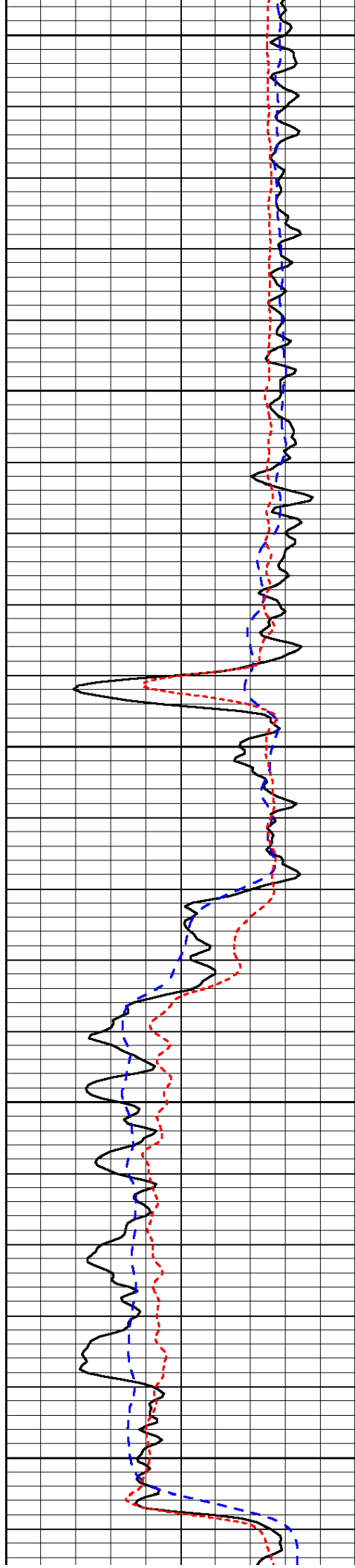


-33

-33

-33

-33



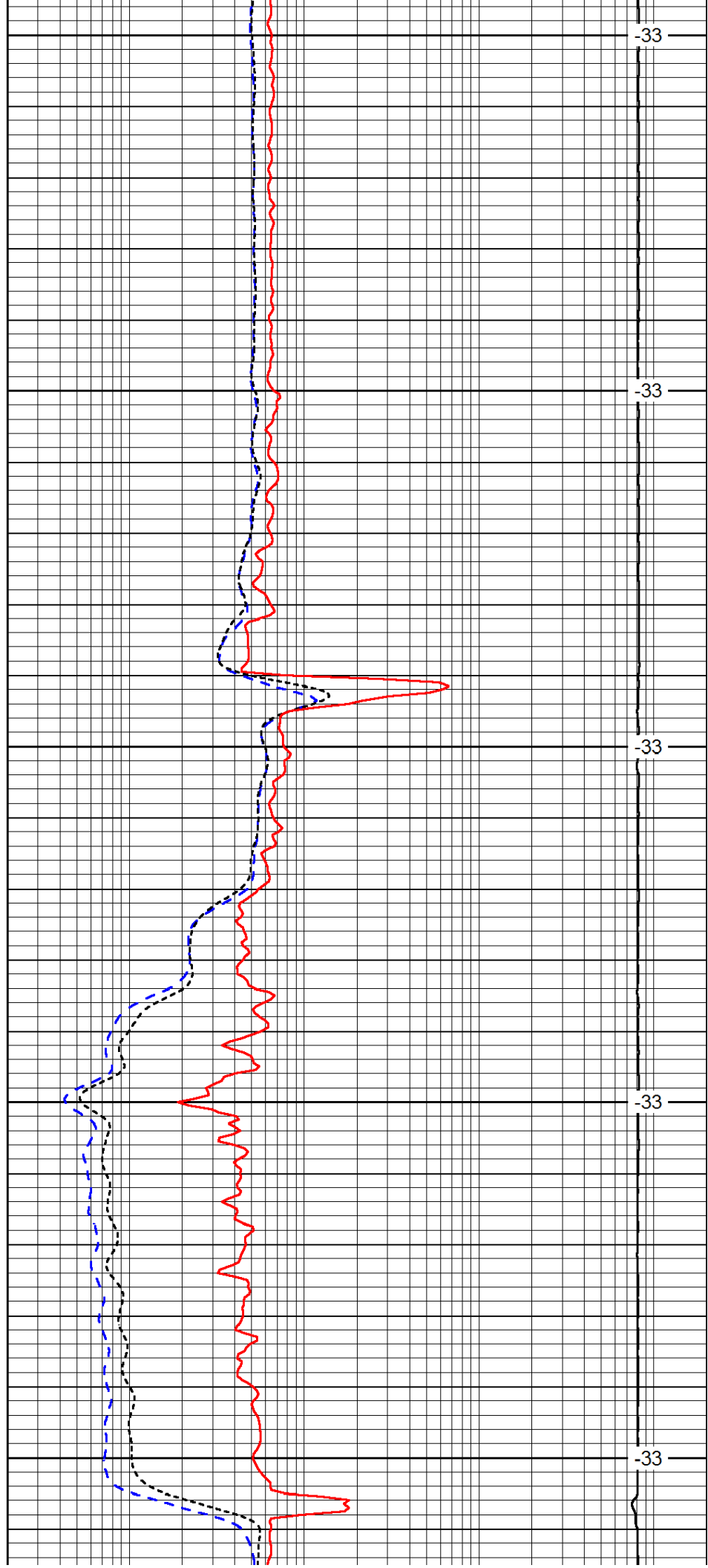
2900

2950

3000

3050

3100



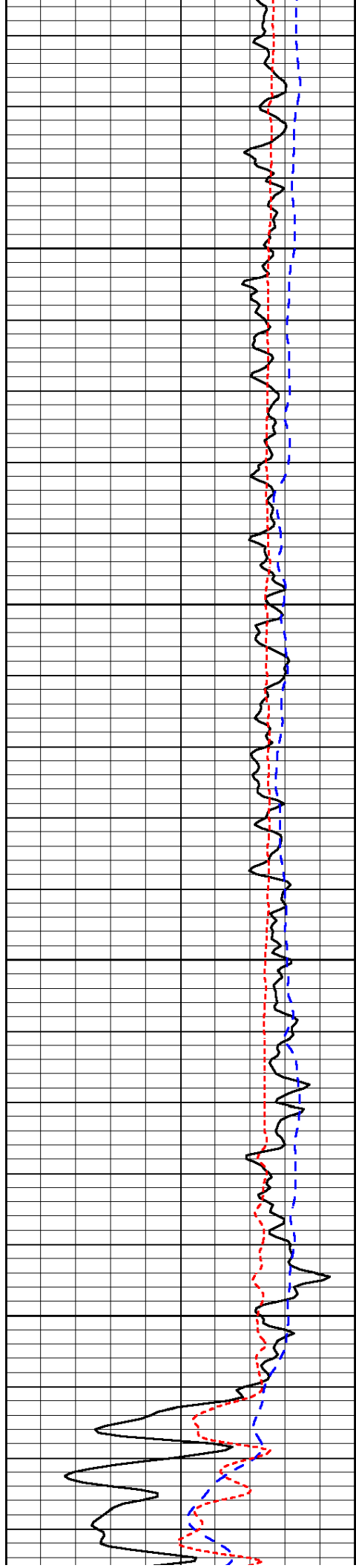
-33

-33

-33

-33

-33

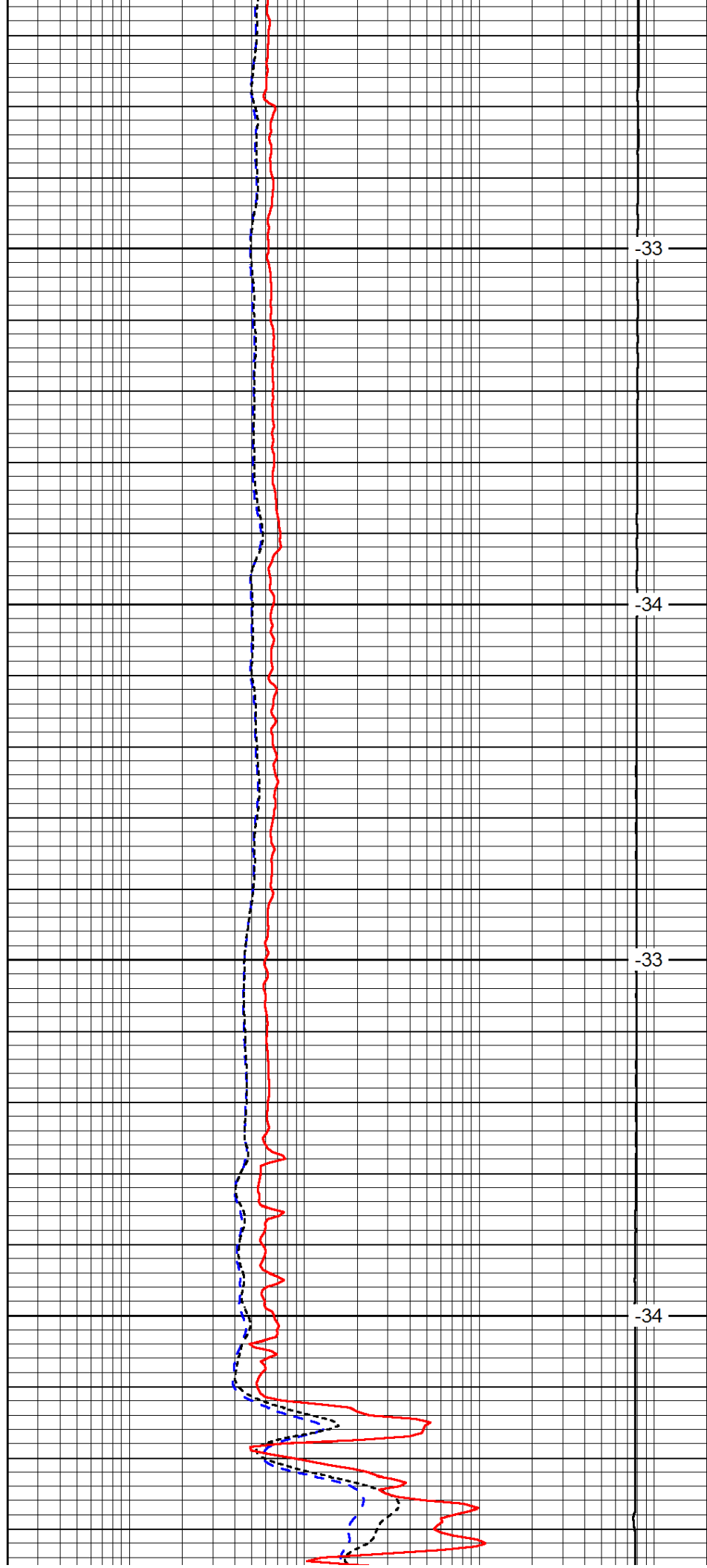


3150

3200

3250

3300

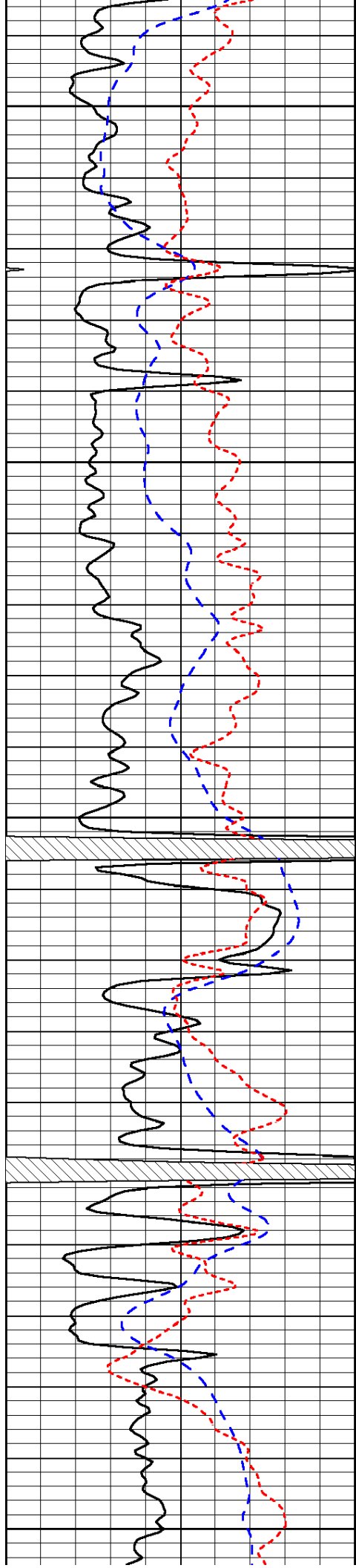


-33

-34

-33

-34



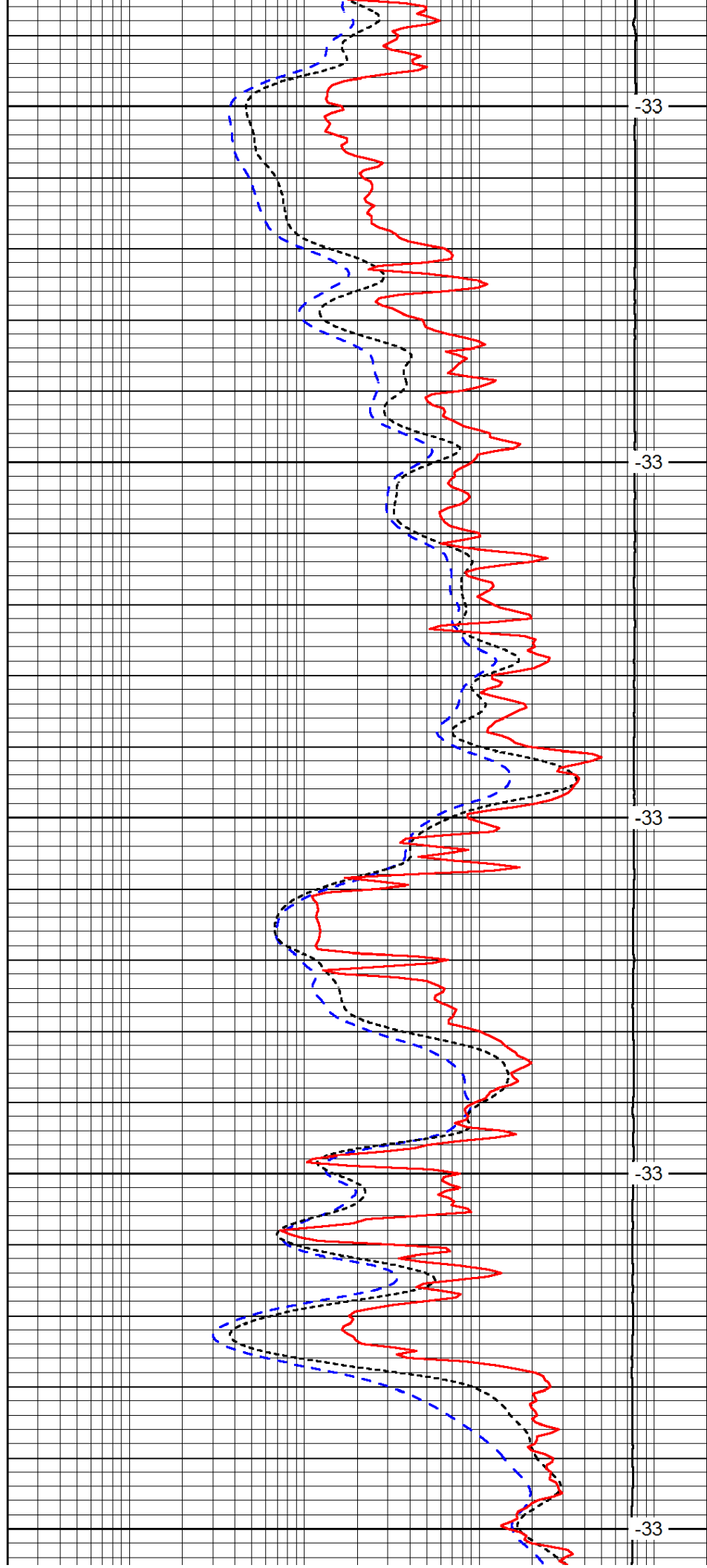
3350

3400

3450

3500

3550



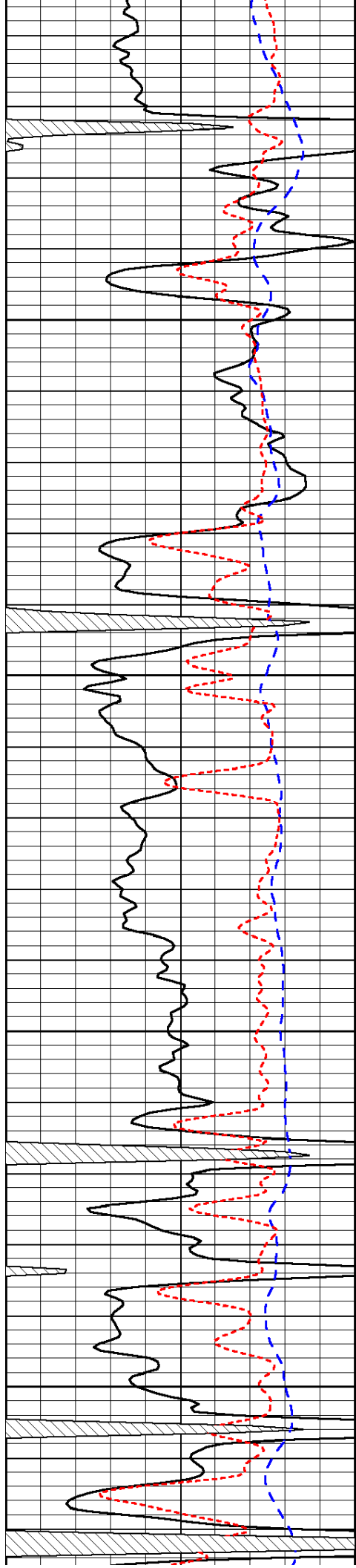
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-33

-33

-33

-33

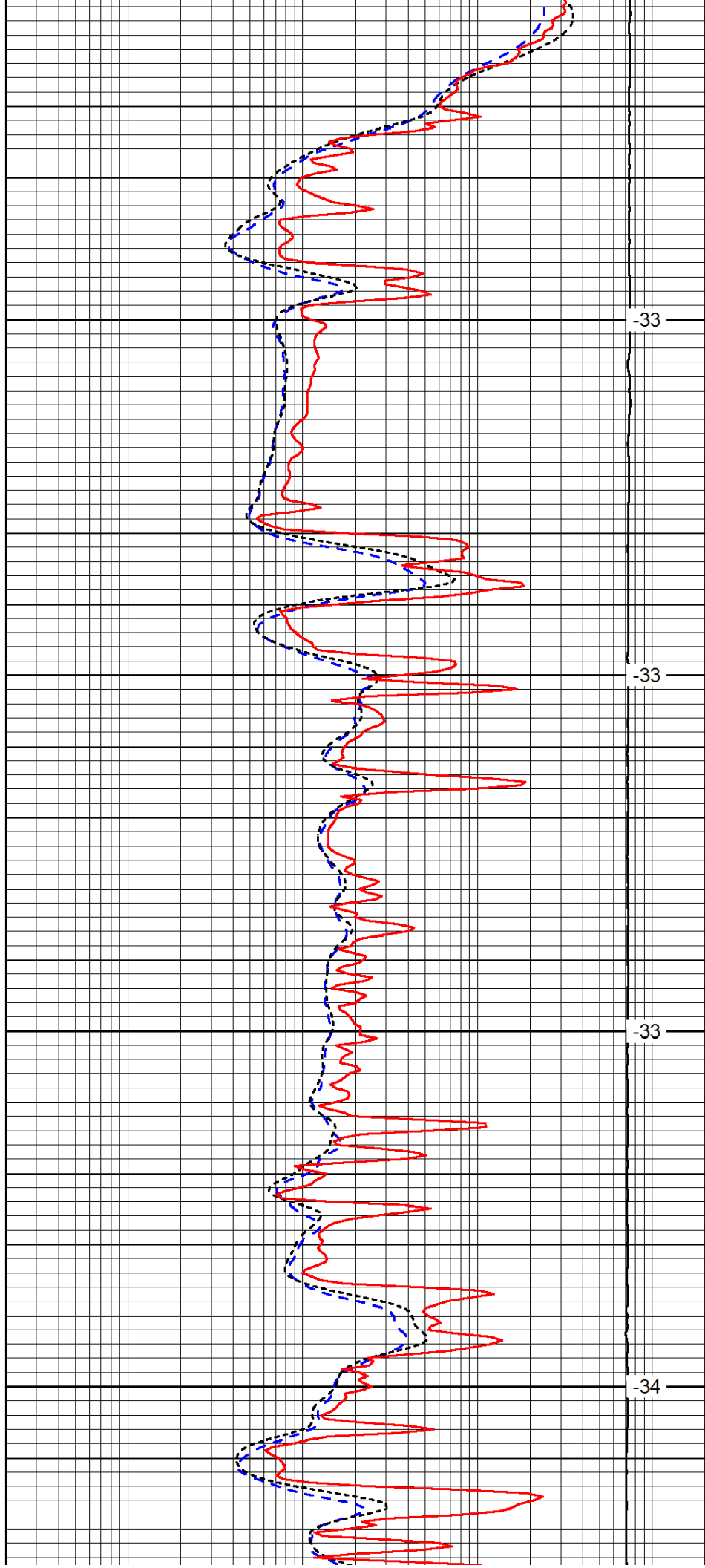


3600

3650

3700

3750

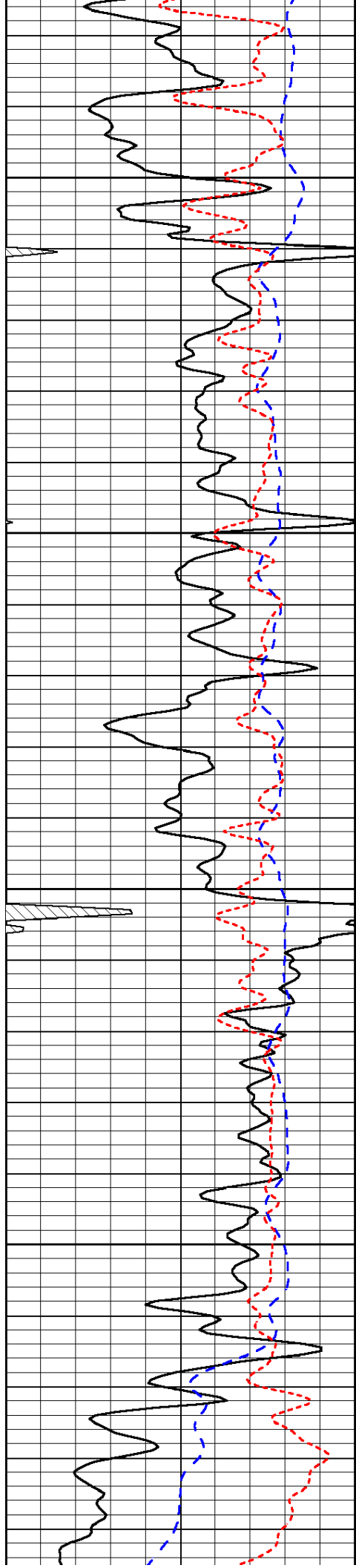


-33

-33

-33

-34

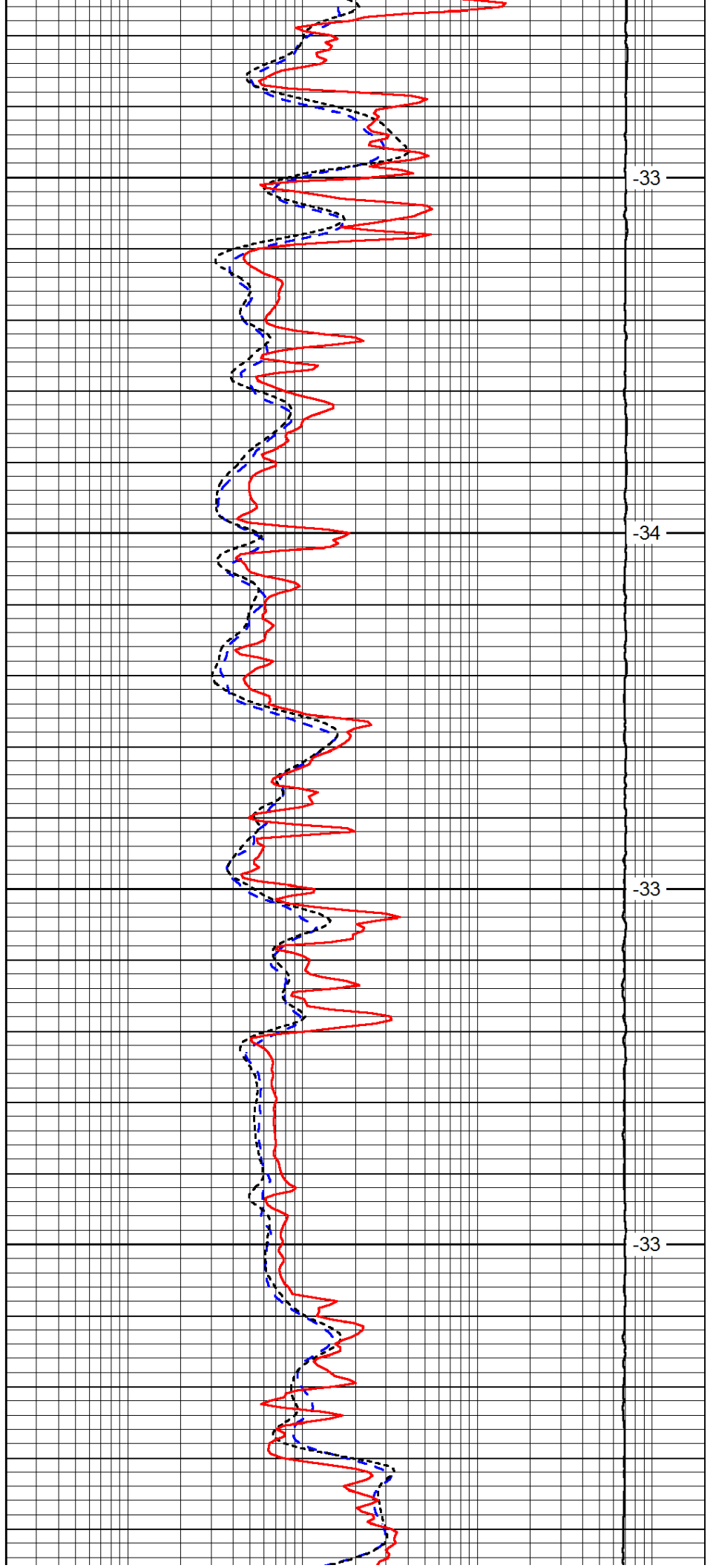


3800

3850

3900

3950

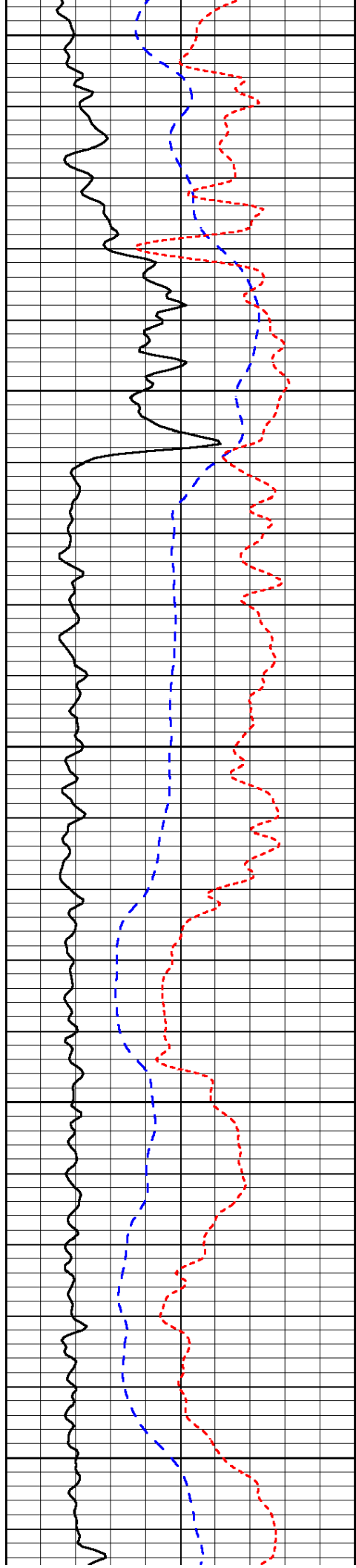


-33

-34

-33

-33



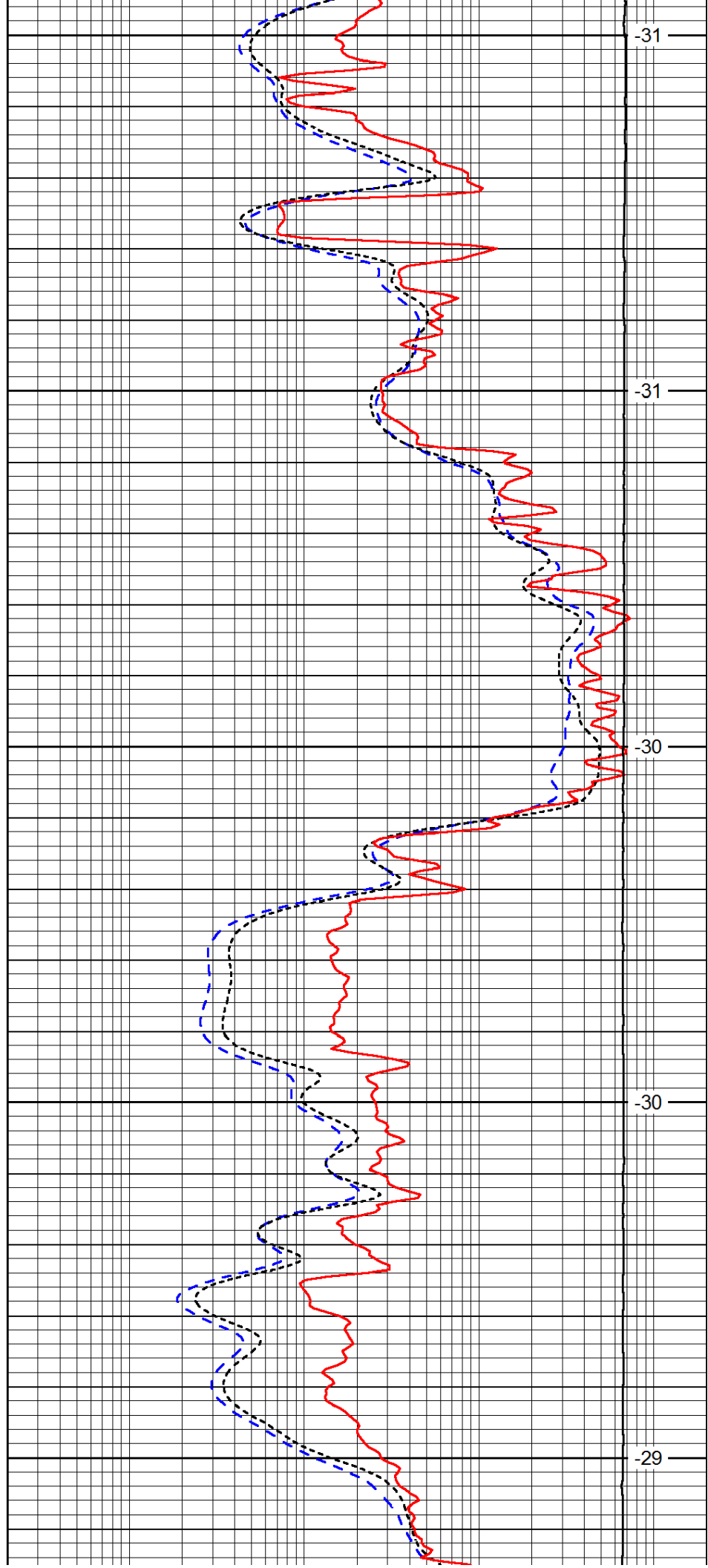
4000

4050

4100

4150

4200



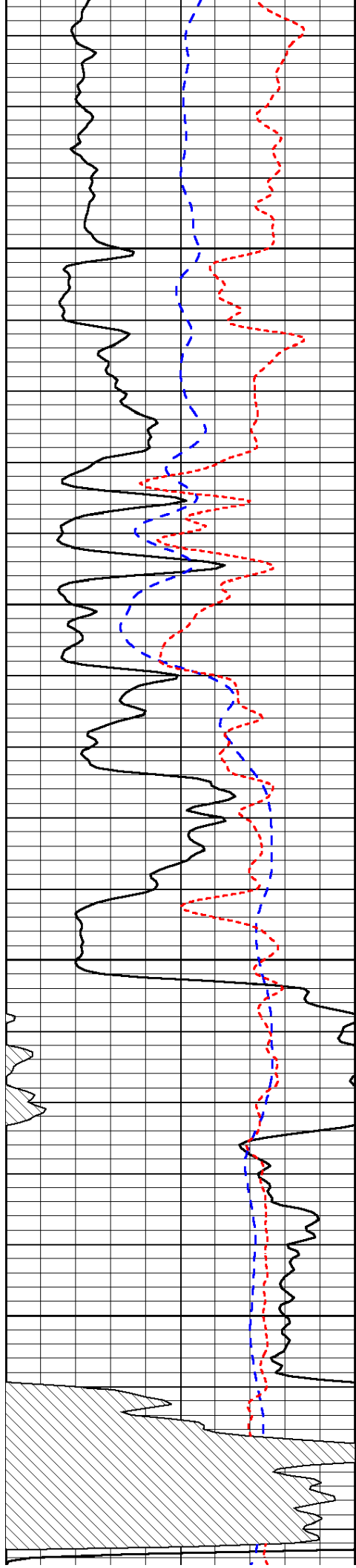
-31

-31

-30

-30

-29

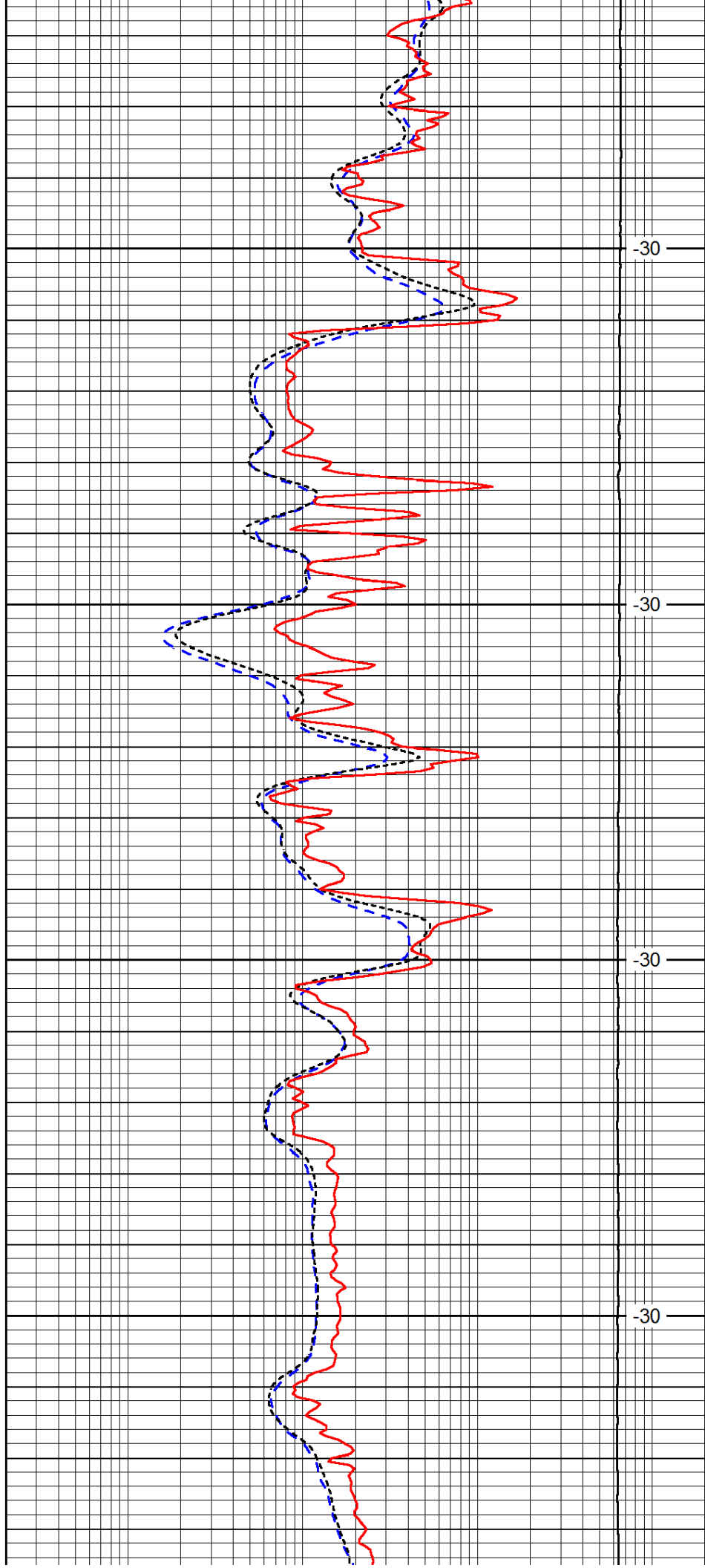


4250

4300

4350

4400

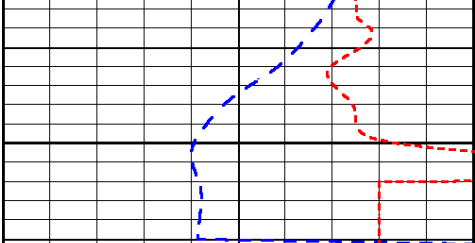


-30

-30

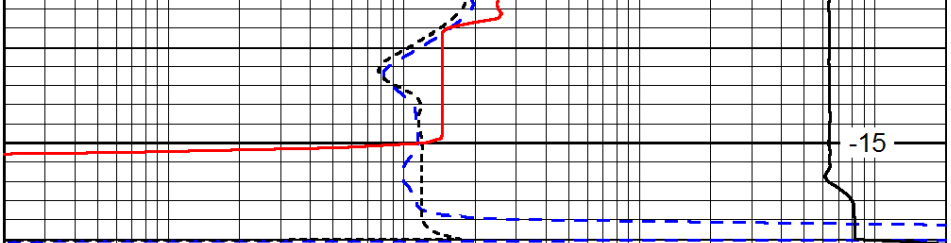
-30

-30



0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

4450



0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD