



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company Flatirons Resources, LLC			
15-101-22,239-00-00	Well Munsell Lawrence Unit No. 21-23			
	Field	Wildcat		
	County	Lane	State	Kansas
	Location	SW SW NE NW 1,200' FNL & 1,640' FWL		
	Sec: 23	Twp: 16S	Rge: 28W	Other Services CNL/CDL MEL
Permanent Datum	Ground Level	Elevation 2659		
Log Measured From	Kelly Bushing	5	Ft. Above Perm. Datum	K.B. 2664
Drilling Measured From	Kelly Bushing			D.F. 2659
Date	6/19/2010			
Run Number	One			
Depth Driller	4570			
Depth Logger	4570			
Bottom Logged Interval	4569			
Top Log Interval	200			
Casing Driller	8.625 @ 218			
Casing Logger	219			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity, ppm CL	4000			
Density / Viscosity	9.5 56			
pH / Fluid Loss	8.0 12.8			
Source of Sample	Flowline			
Rm @ Meas. Temp	.92 @ 74			
Rmf @ Meas. Temp	.69 @ 74			
Rmc @ Meas. Temp	1.24 @ 74			
Source of Rmf / Rmc	Charts			
Rm @ BHT	.58 @ 124			
Operating Rig Time	3 Hours			
Max Rec. Temp. F	124			
Equipment Number	10			
Location	Hays			
Recorded By	J. Long			
Witnessed By	Tim Priest			

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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.

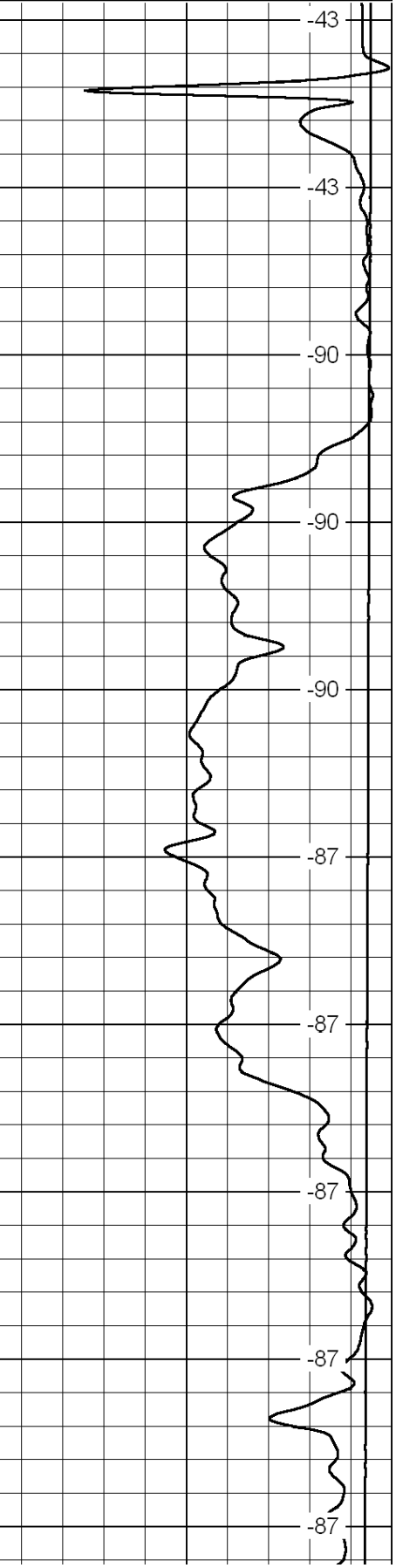
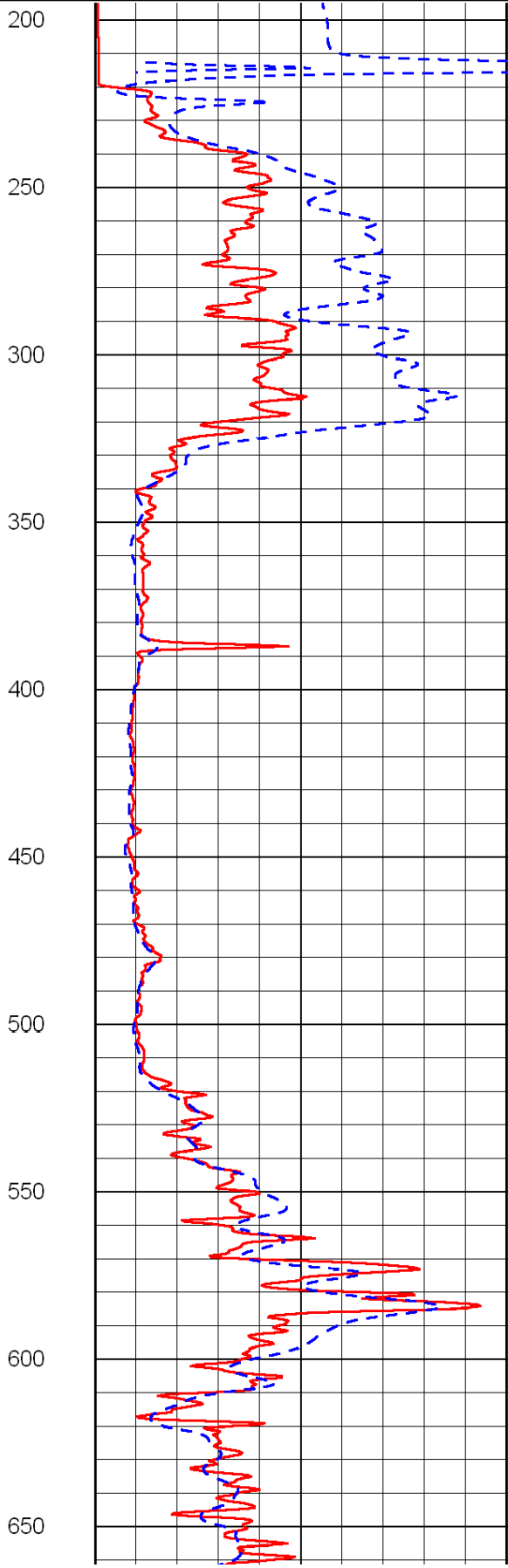
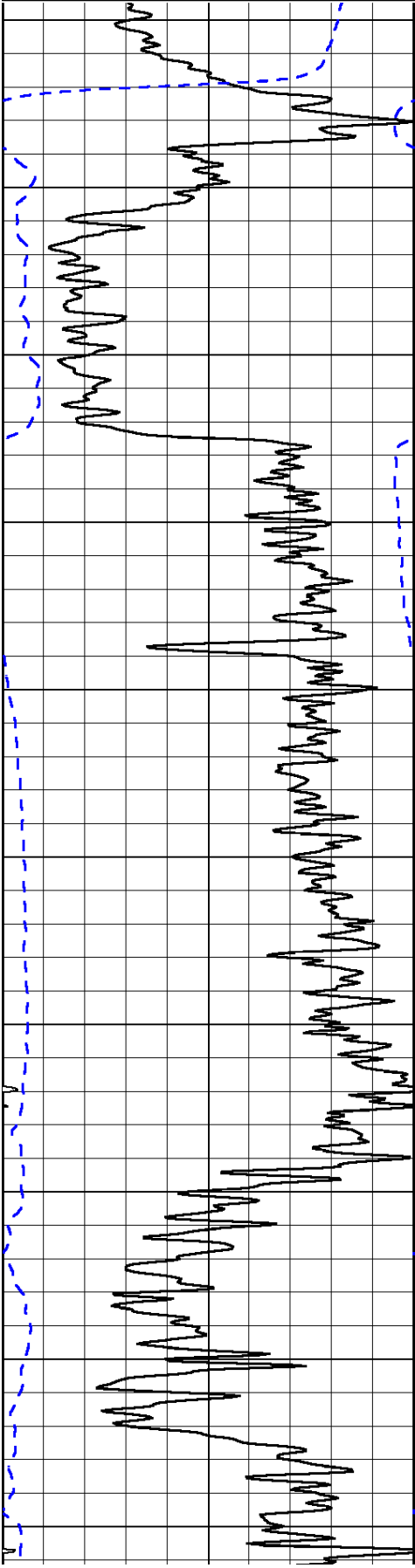
Comments

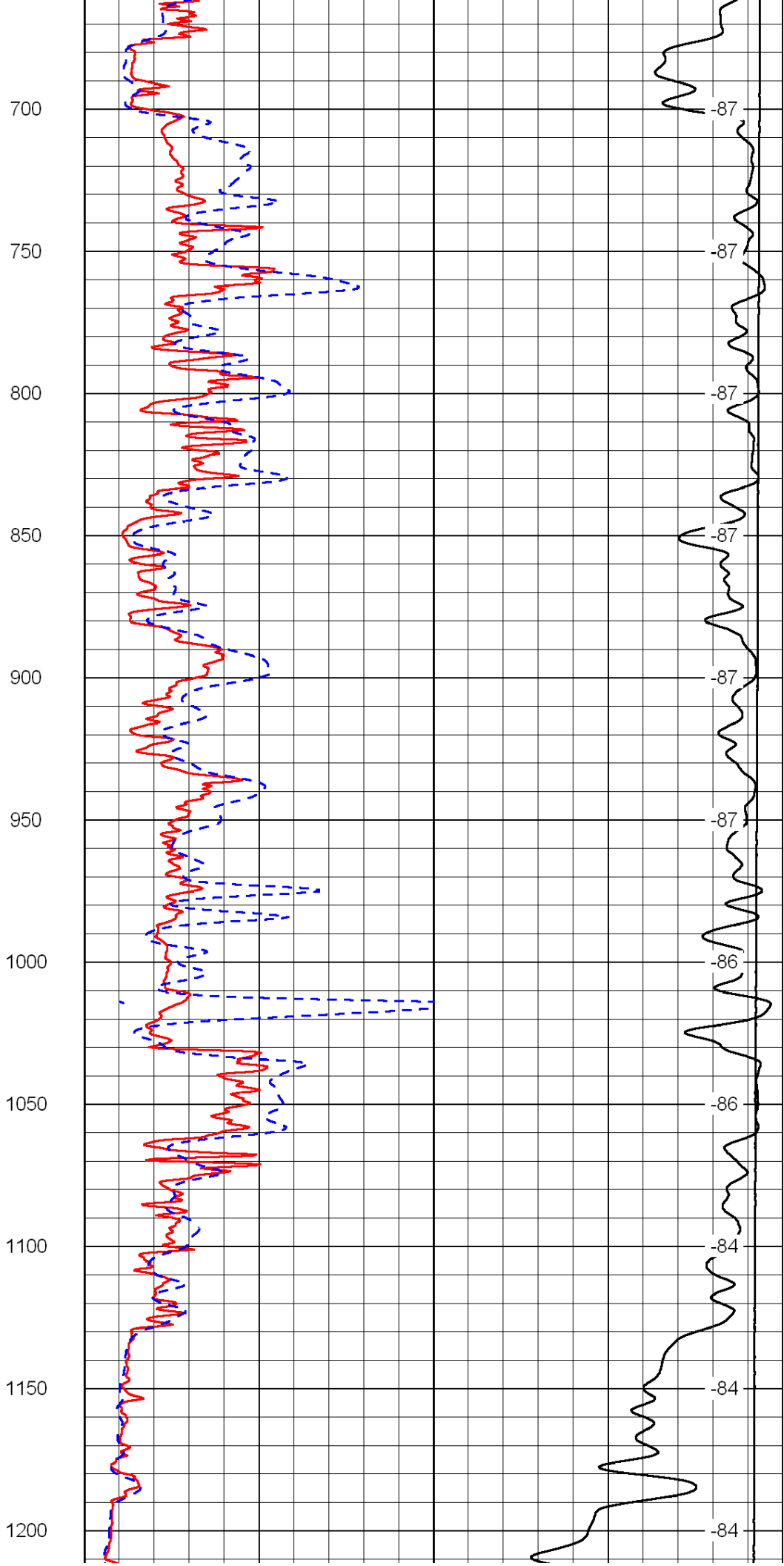
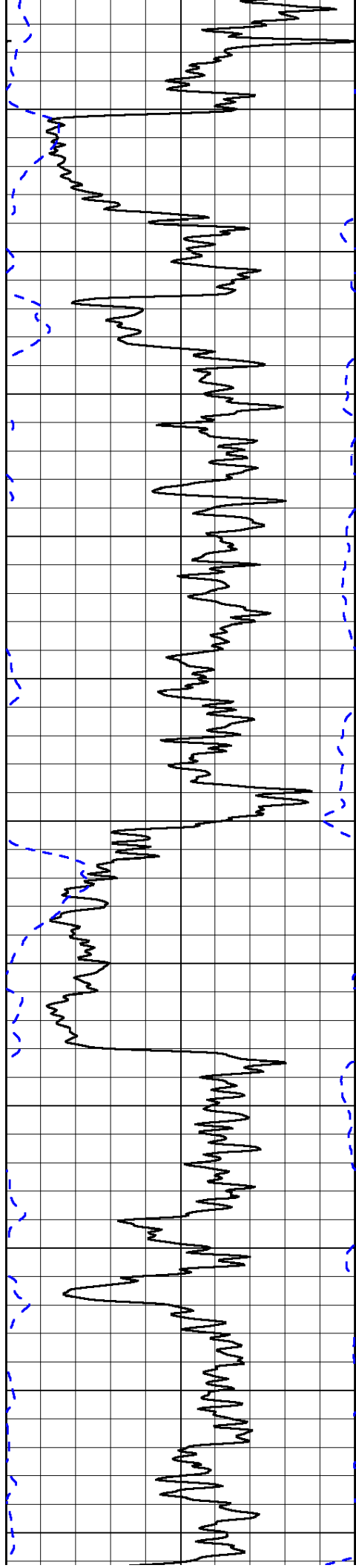
Thank you for using Log-Tech, Inc.
(785) 625-3858

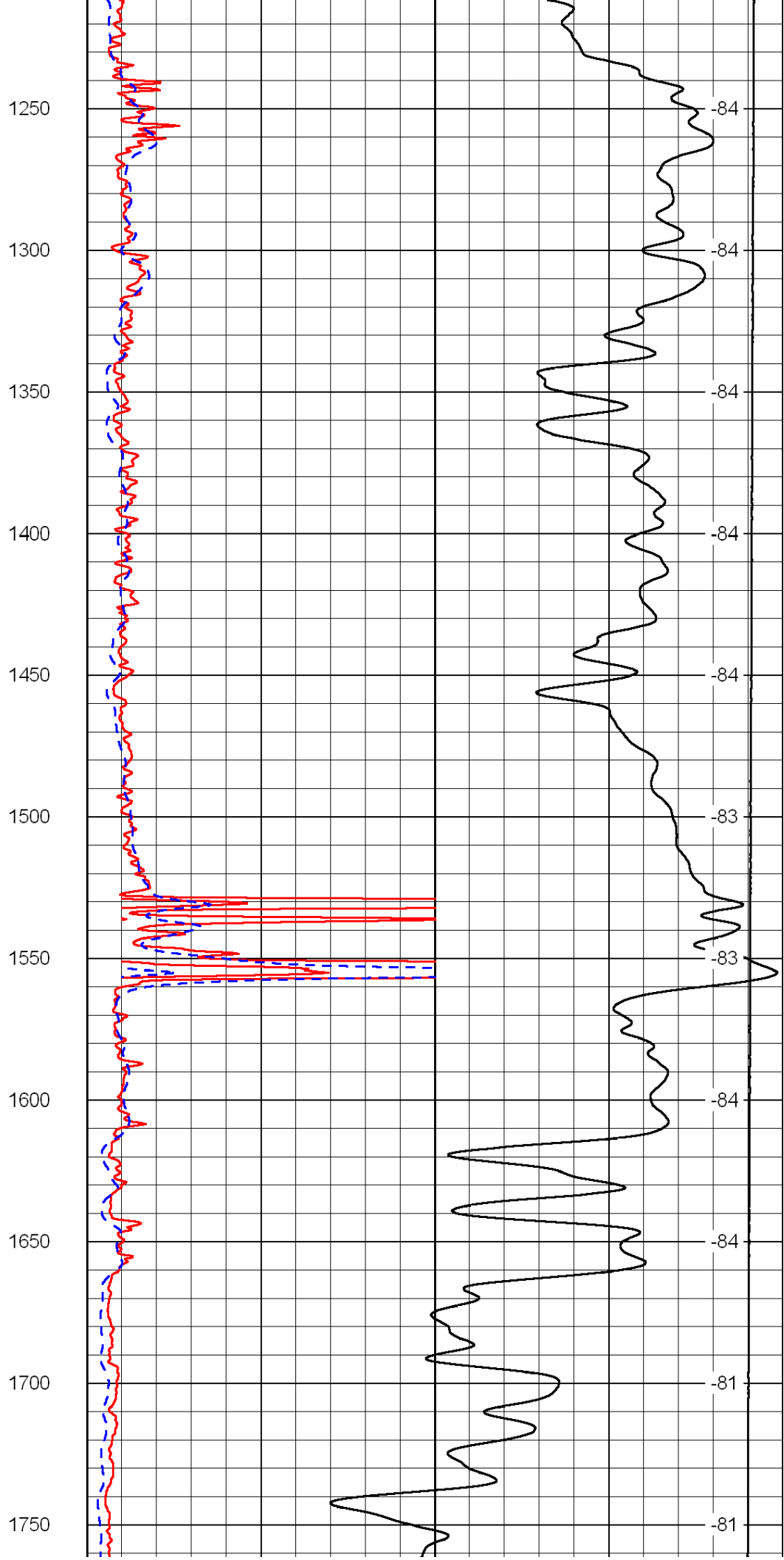
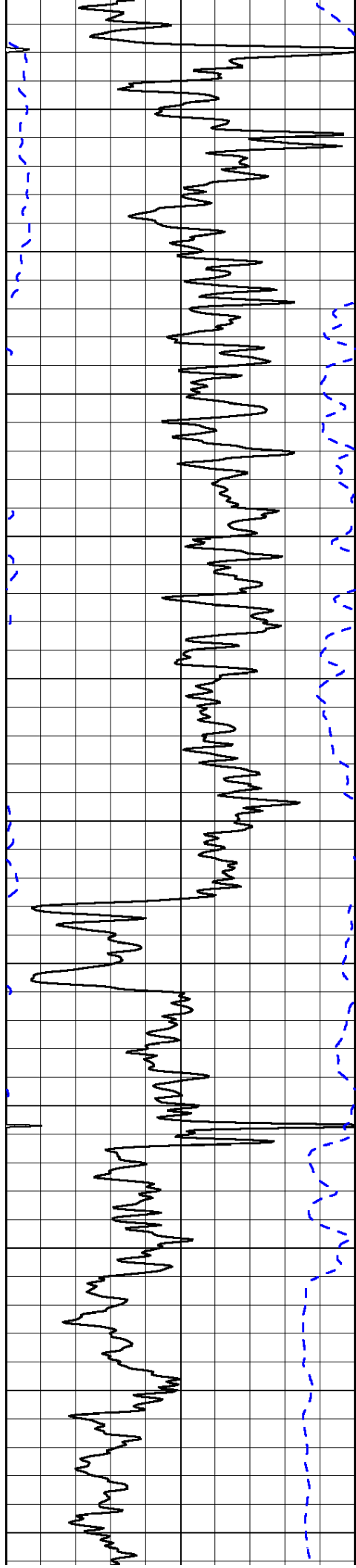
Shields, 3 1/2 East, 1 1/2 North, West Into

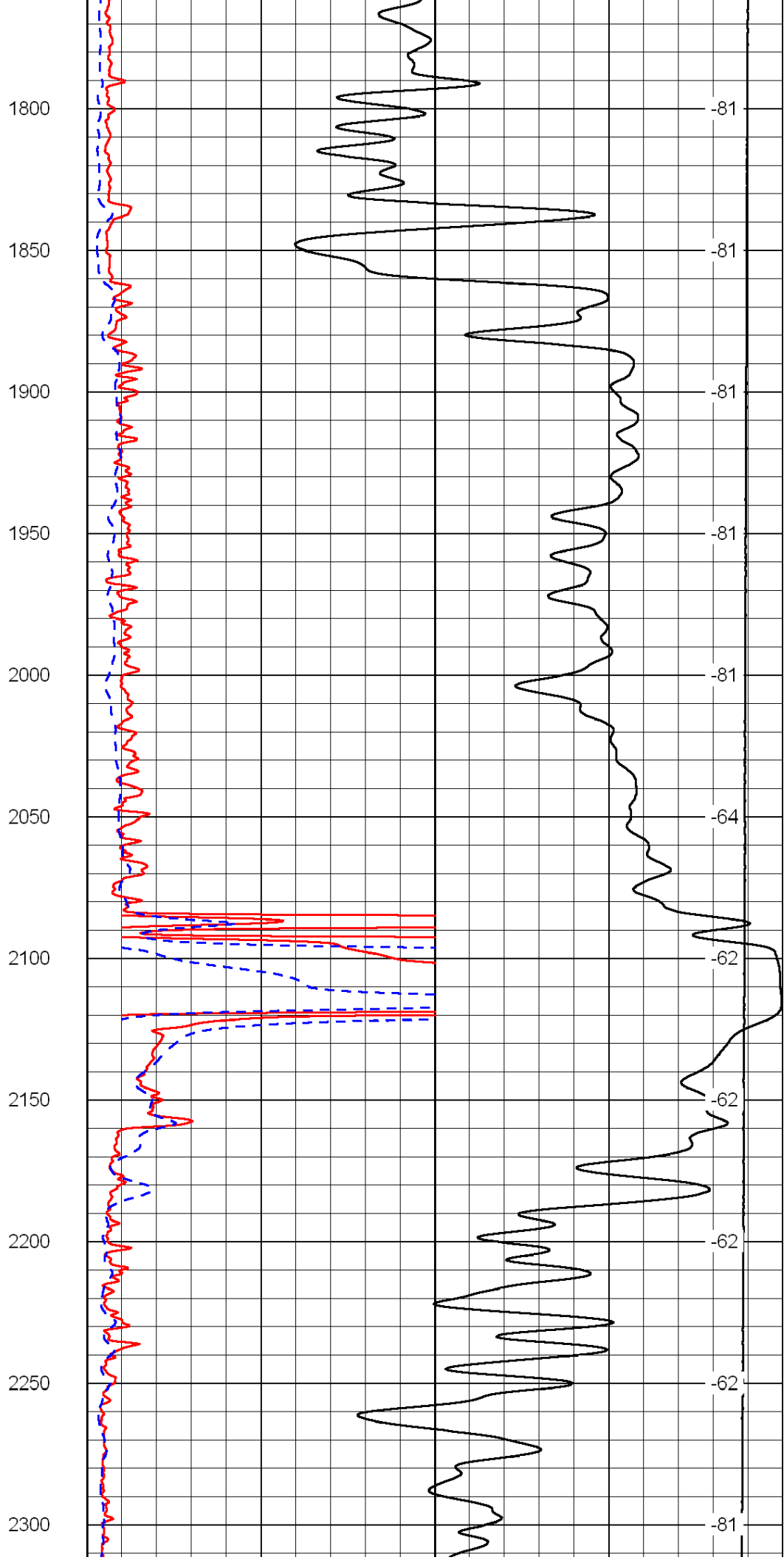
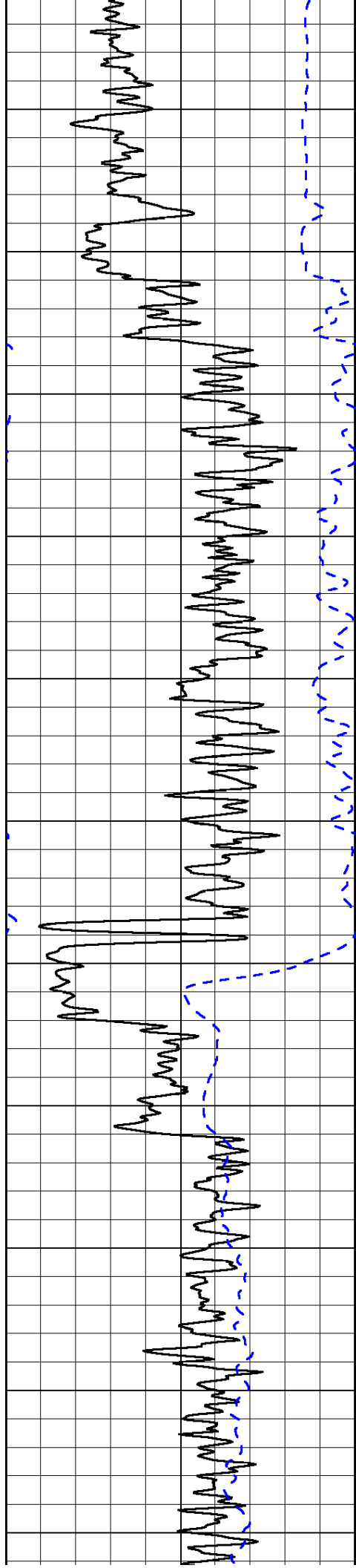
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Dataset Pathname: dil/flinstock
Presentation Format: dil2in
Dataset Creation: Sat Jun 19 07:44:06 2010
Charted by: Depth in Feet scaled 1:600

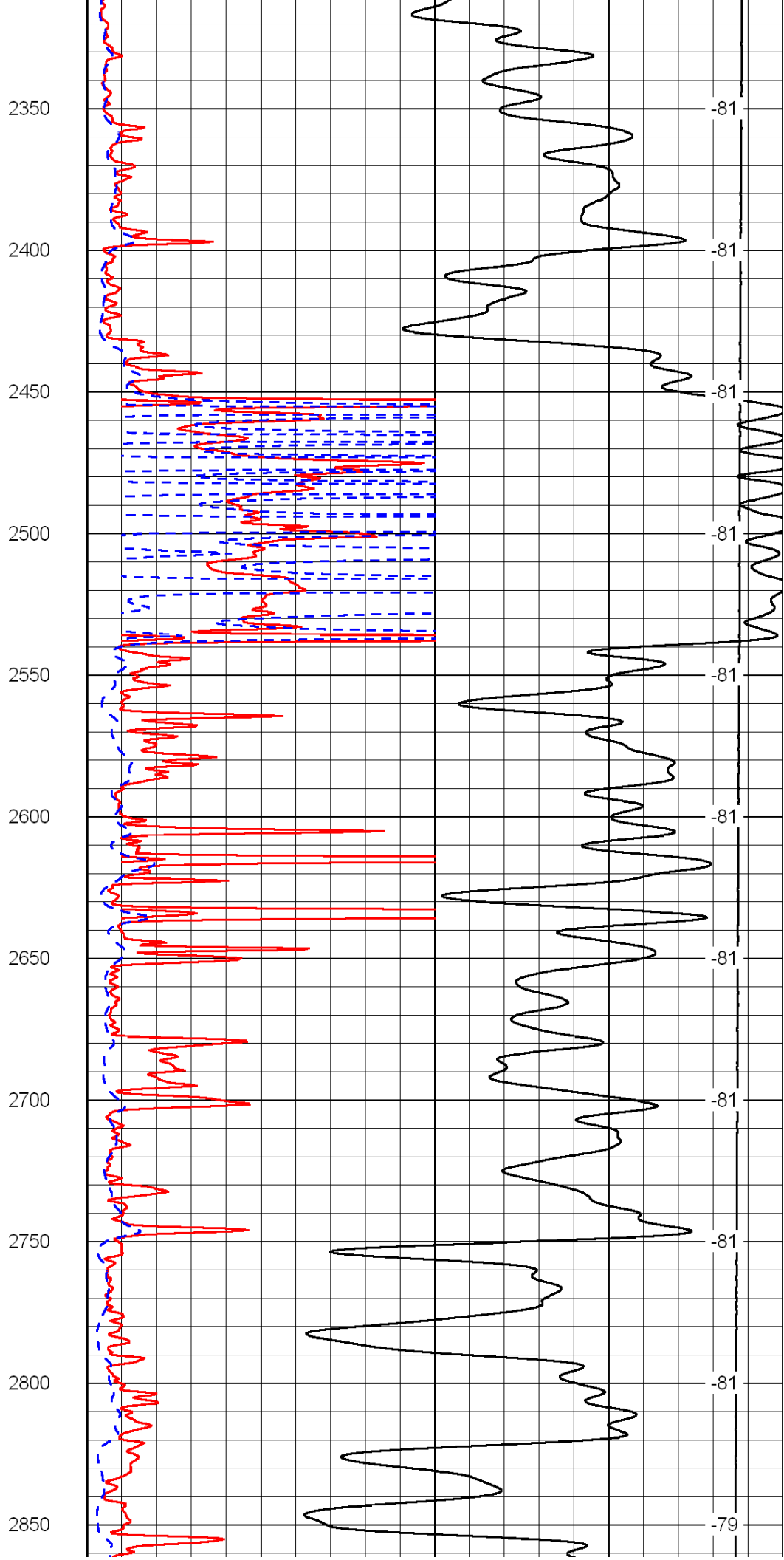
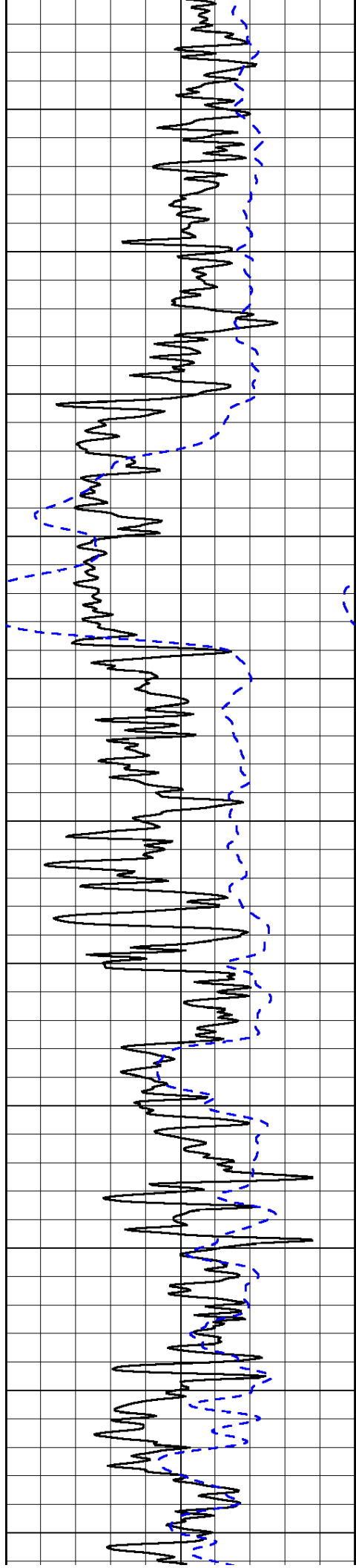
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-200	SP (mV)	0	0	Deep Resistivity	50		
			1000		Conductivity		0
			15000		Line Tension		0
			50	Shallow Resistivity	500		
			50	Deep Resistivity	500		

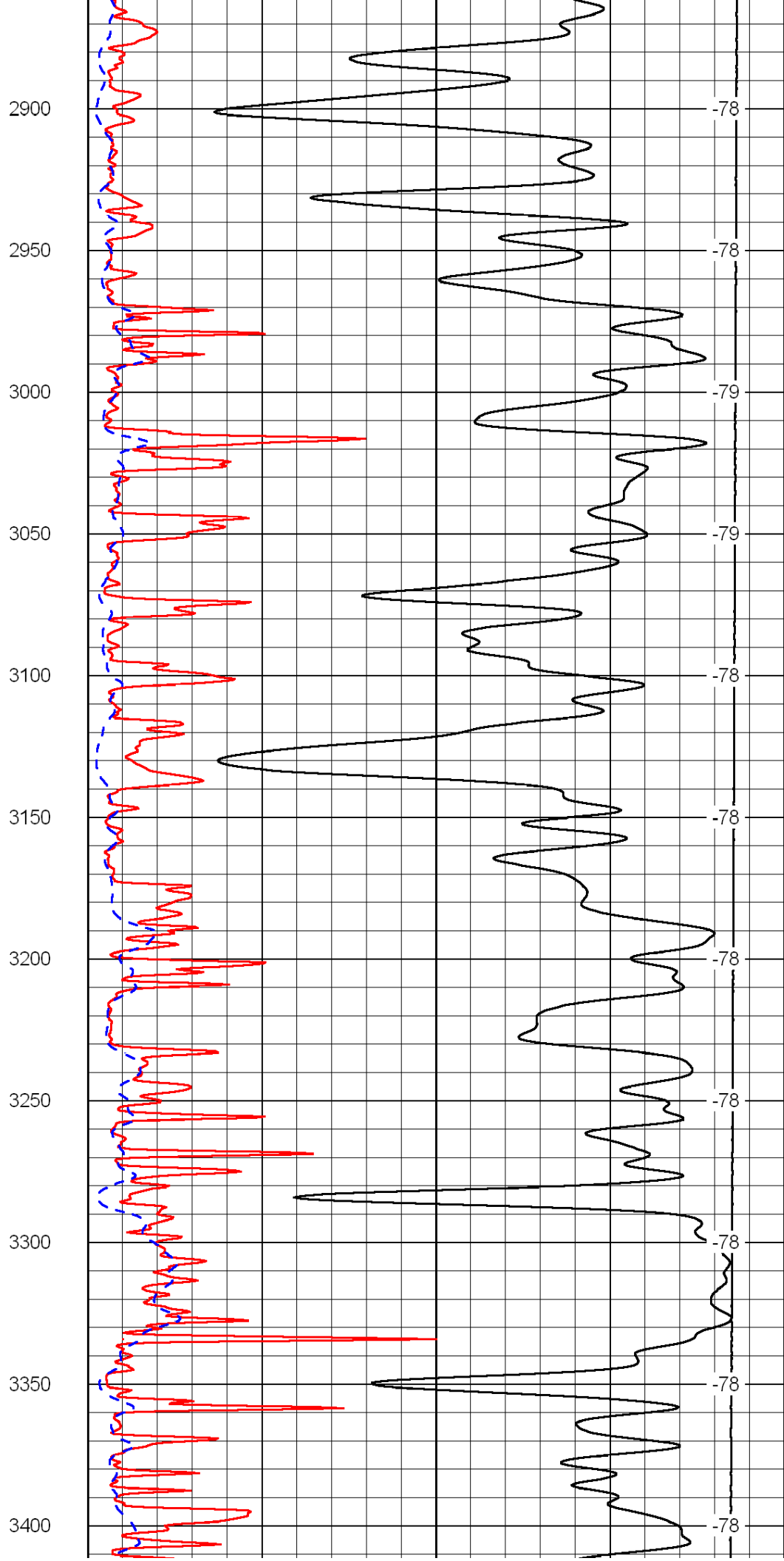
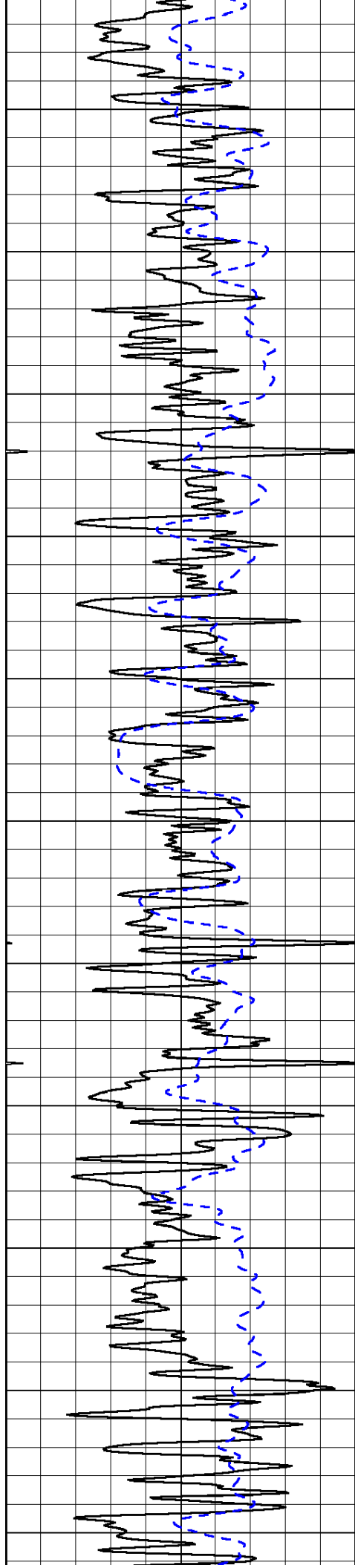


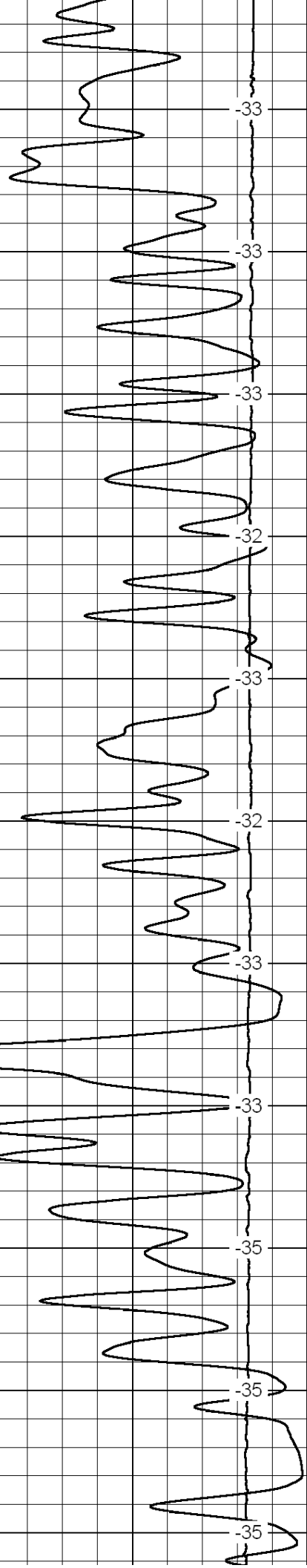
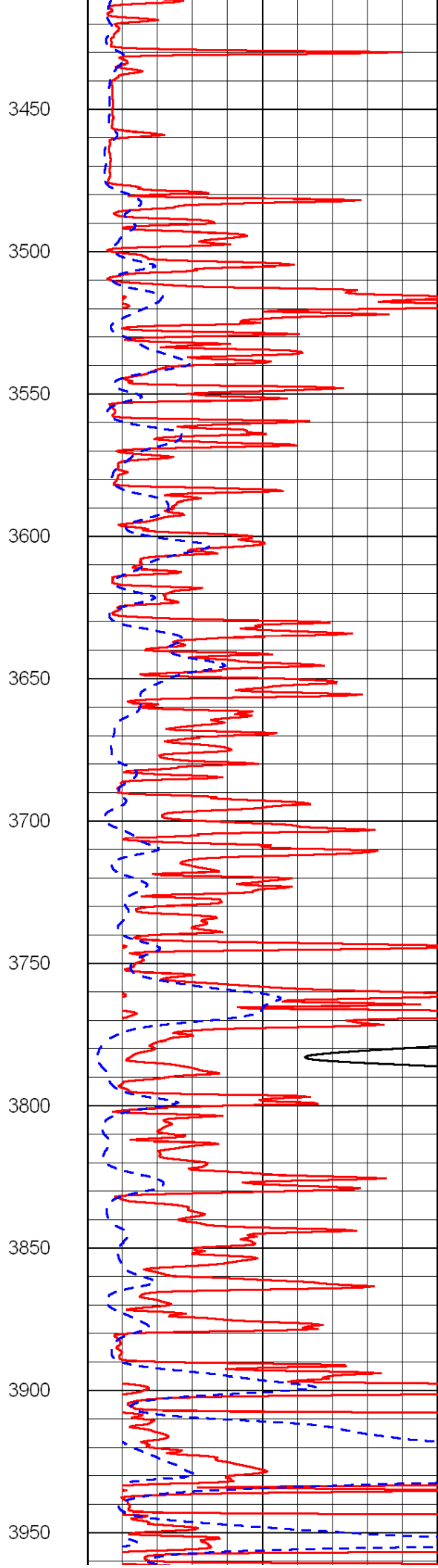
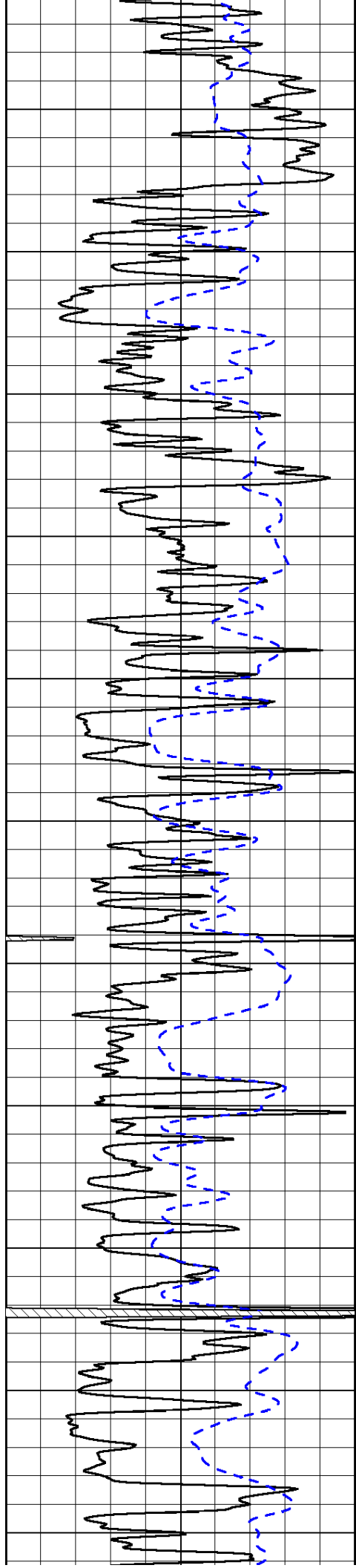


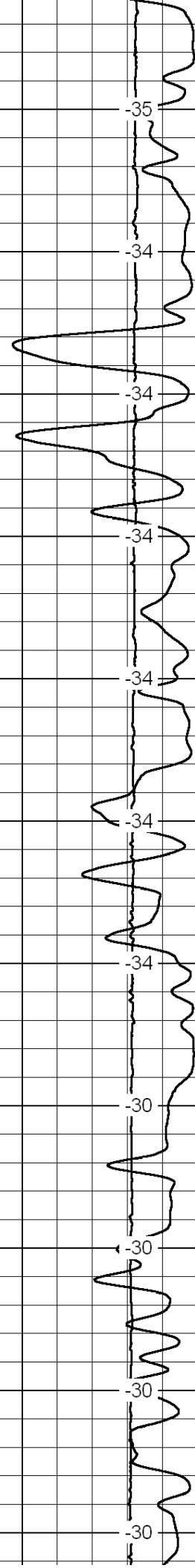
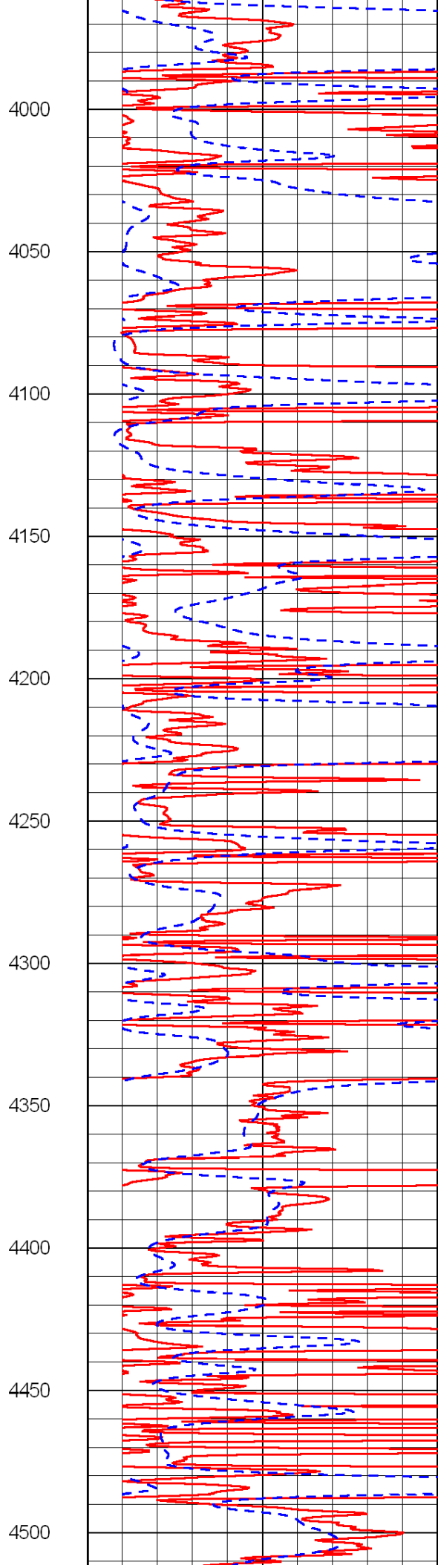
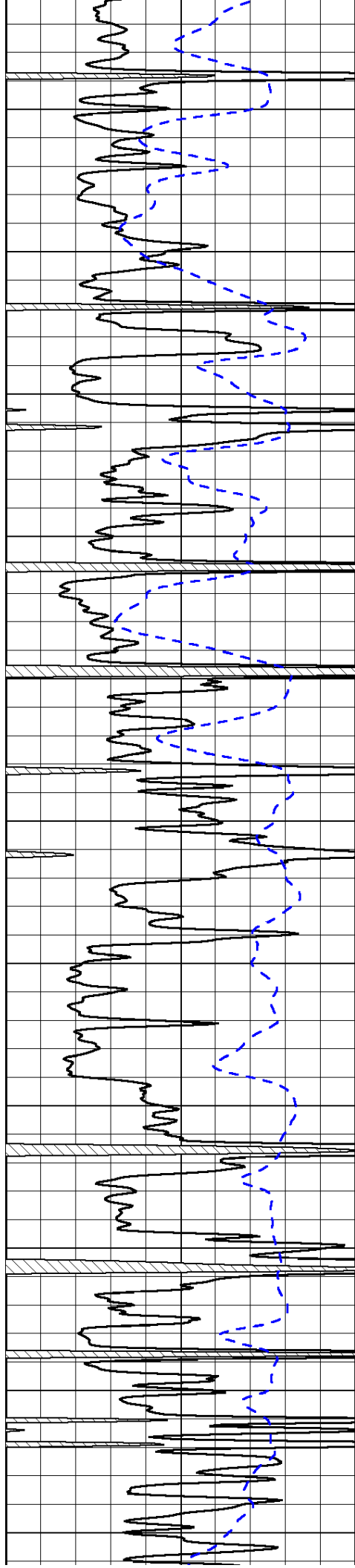


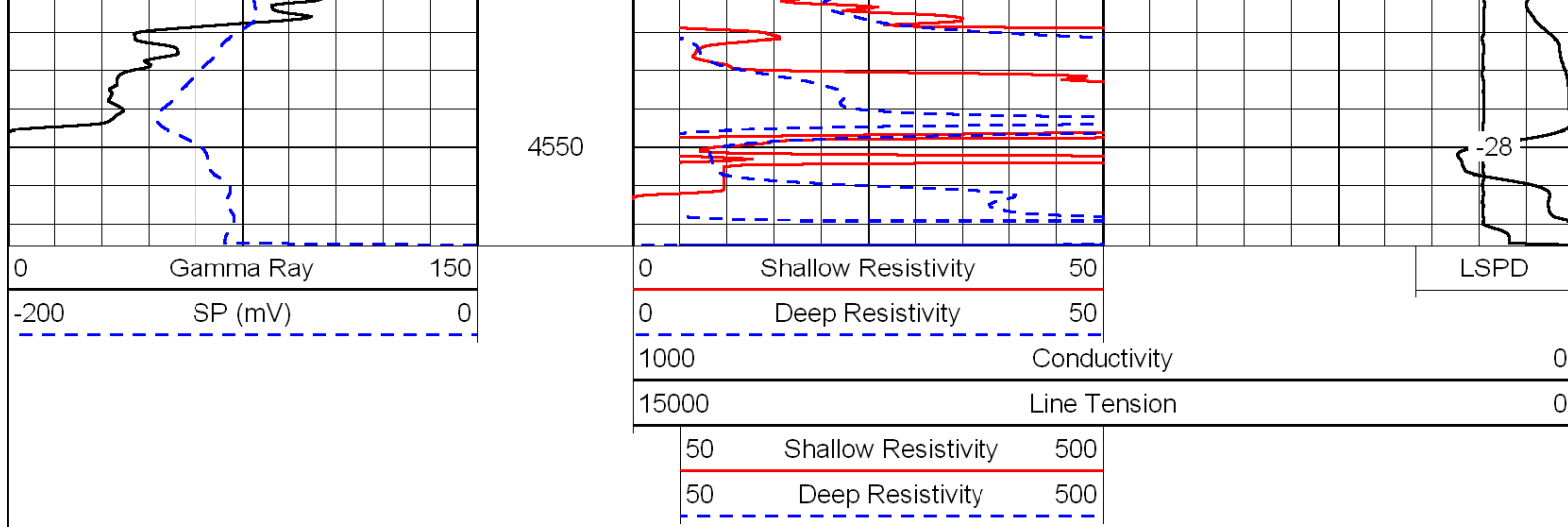




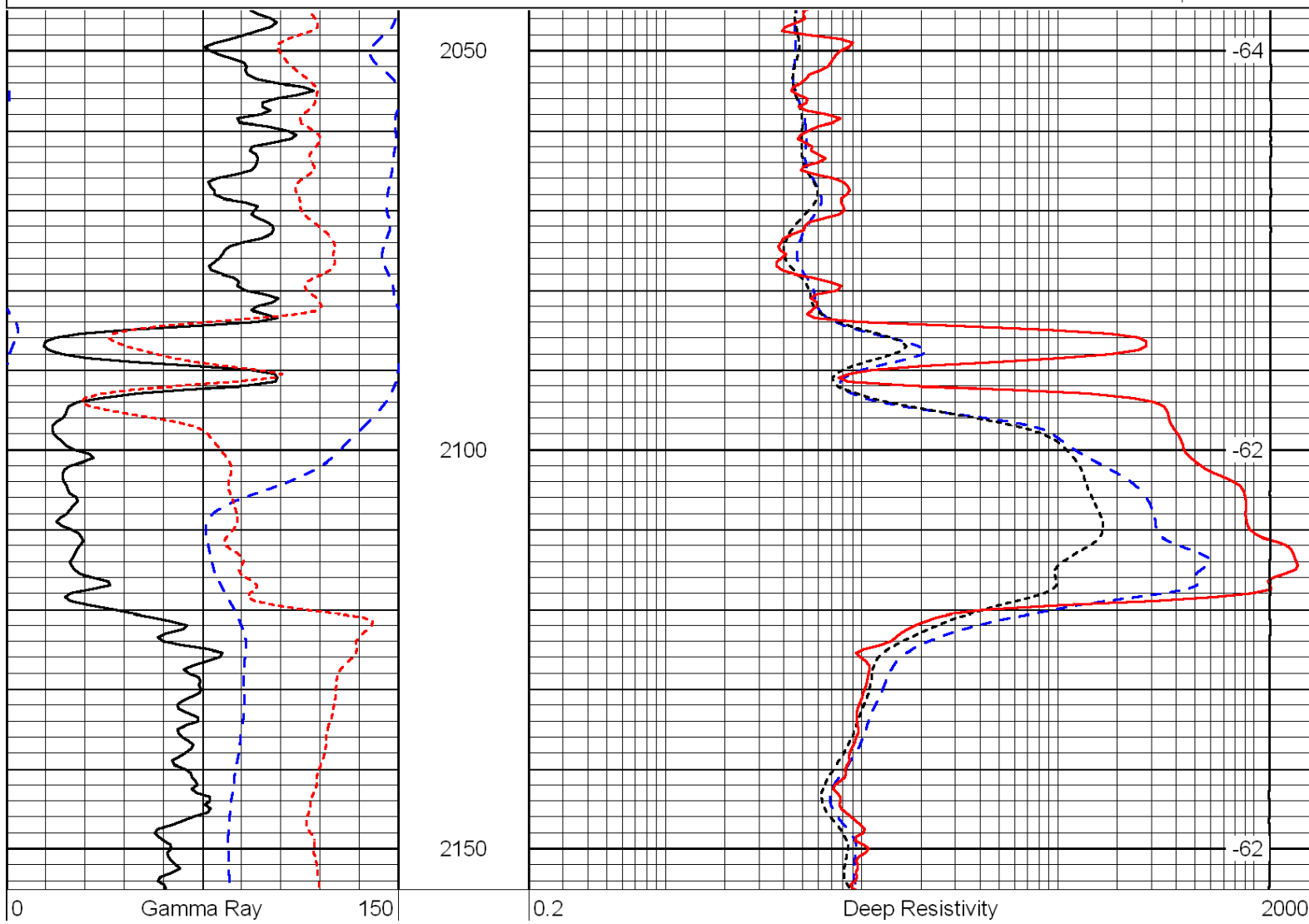
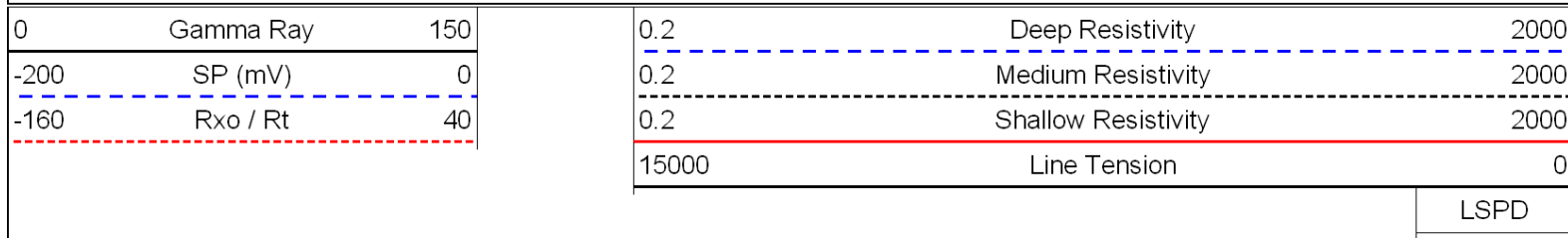








Database File: c:\warrior\data\flatirons_munsell lawrence unit no. 21-23\flatironshd.db
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 Presentation Format: dil
 Dataset Creation: Sat Jun 19 07:44:06 2010
 Charted by: Depth in Feet scaled 1:240



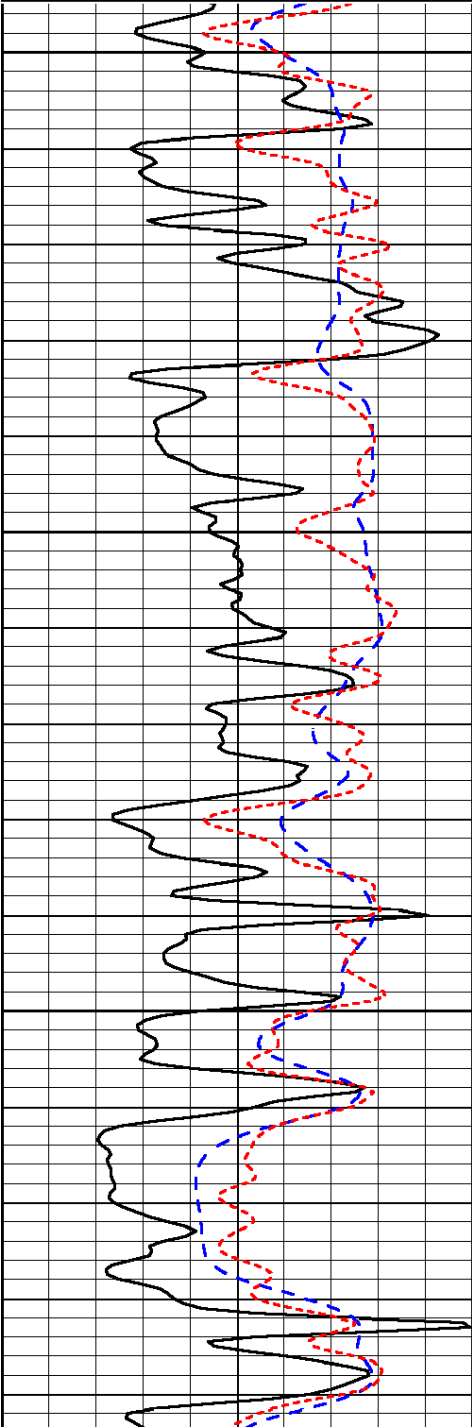
-200	SP (mV)	0
-160	Rxo / Rt	40

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

Database File:	c:\warrior\data\flatirons_munsell lawrence unit no. 21-23\flatironshd.db
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0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

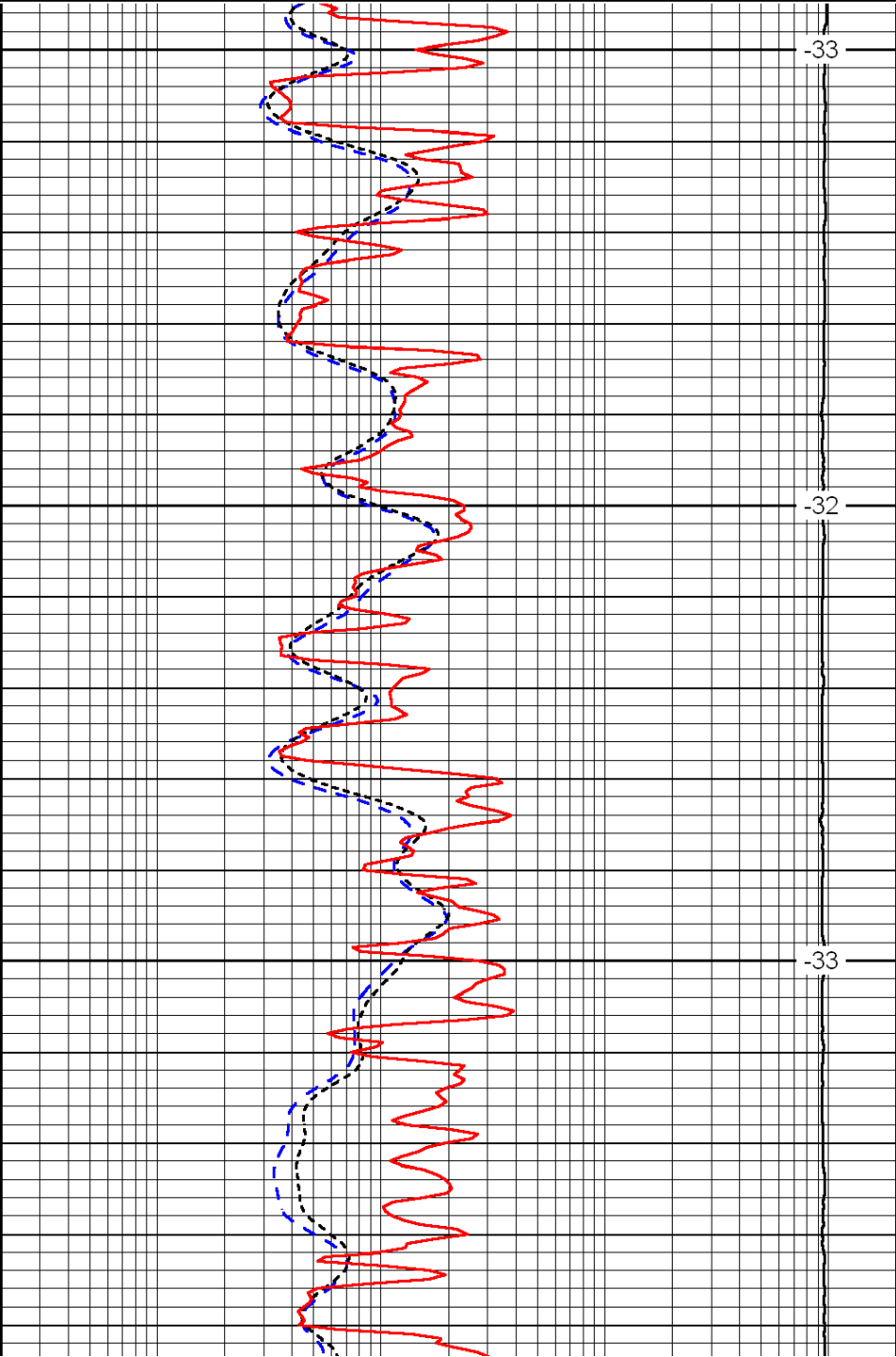
0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0
		LSPD



3550

3600

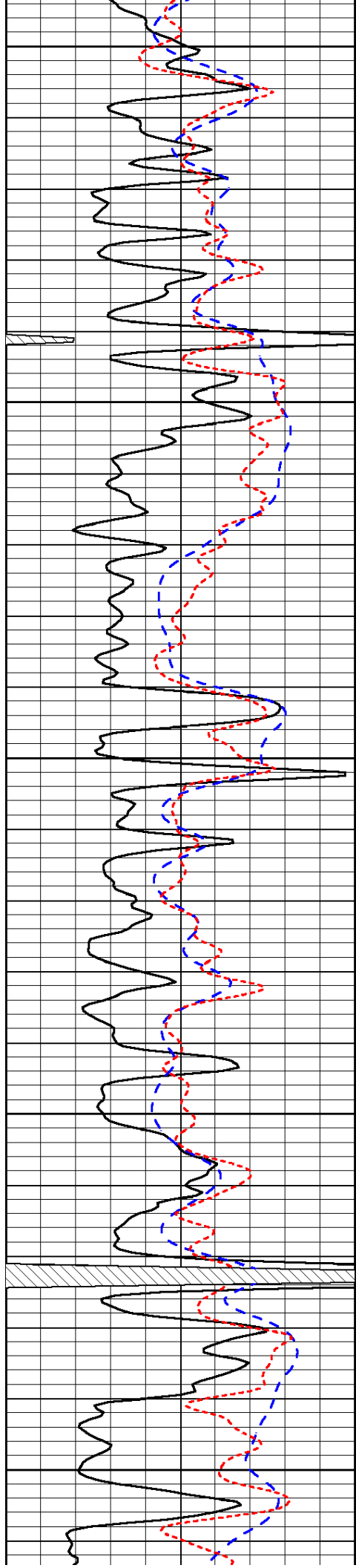
3650



-33

-32

-33



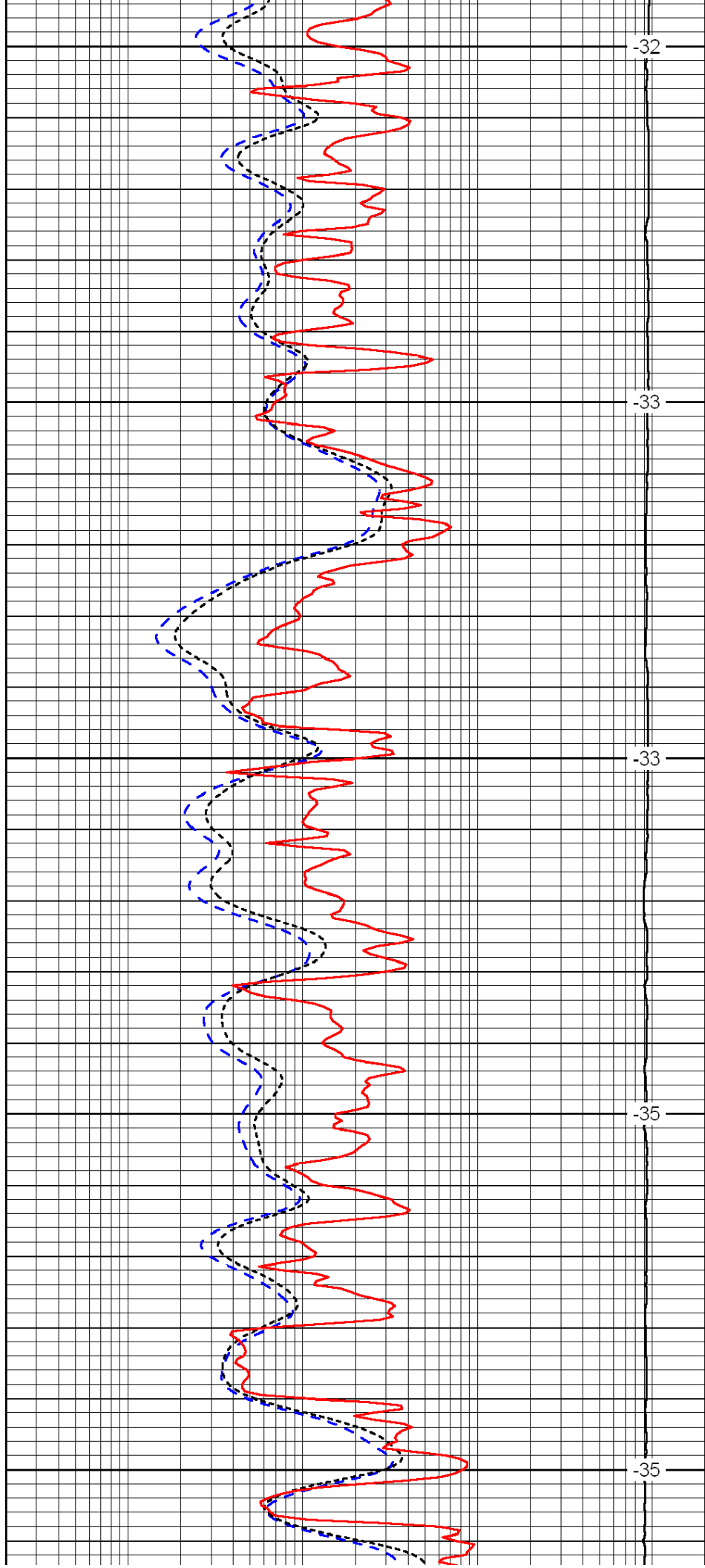
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3750

3800

3850

3900



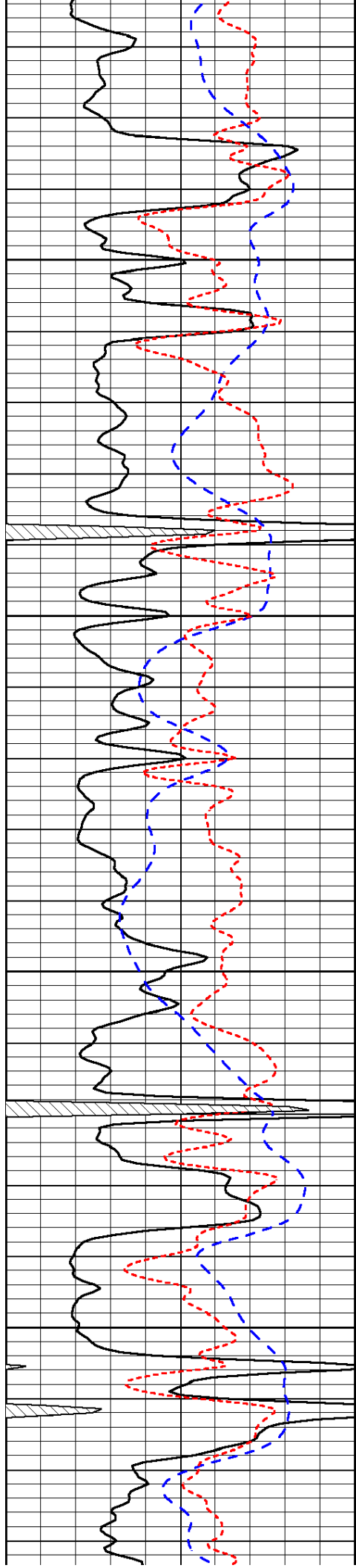
-32

-33

-33

-35

-35

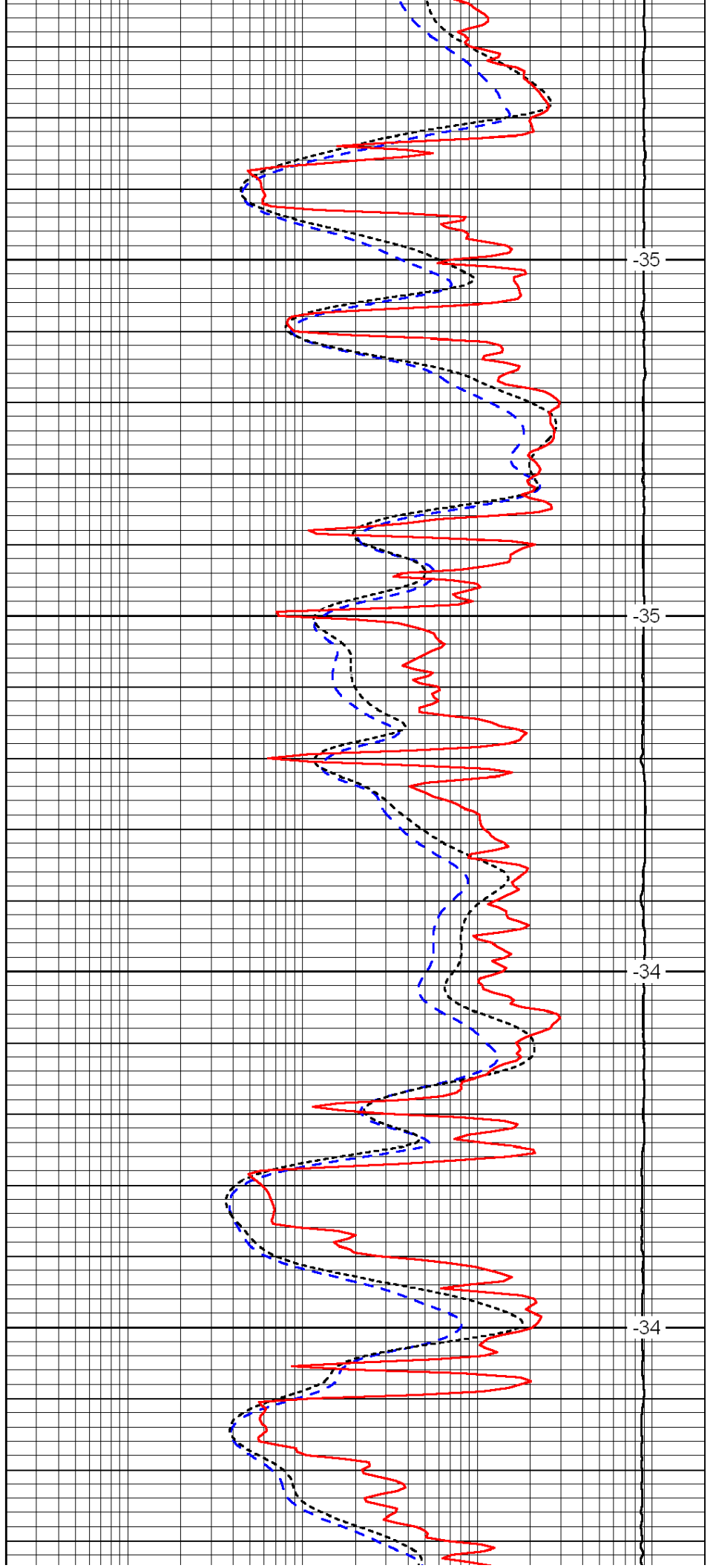


3950

4000

4050

4100

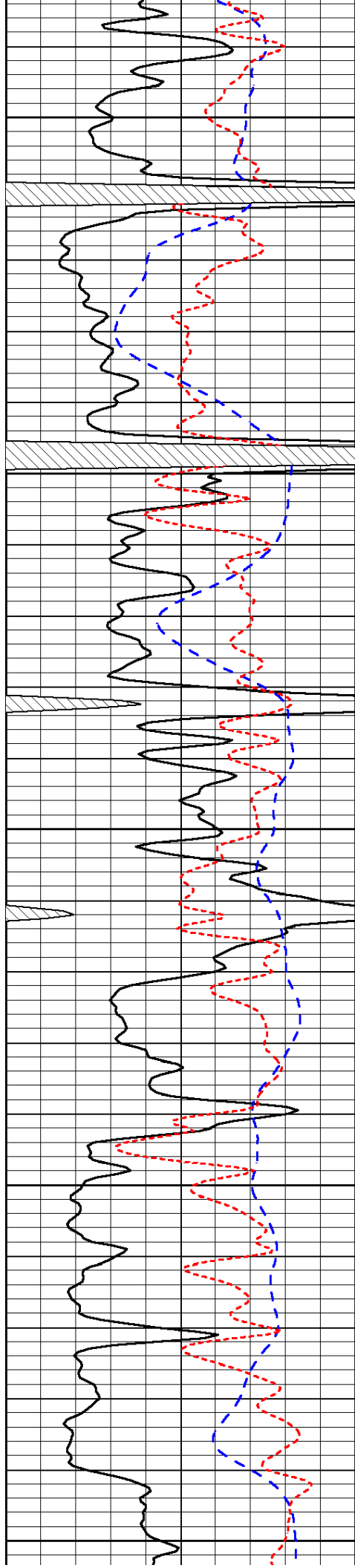


-35

-35

-34

-34



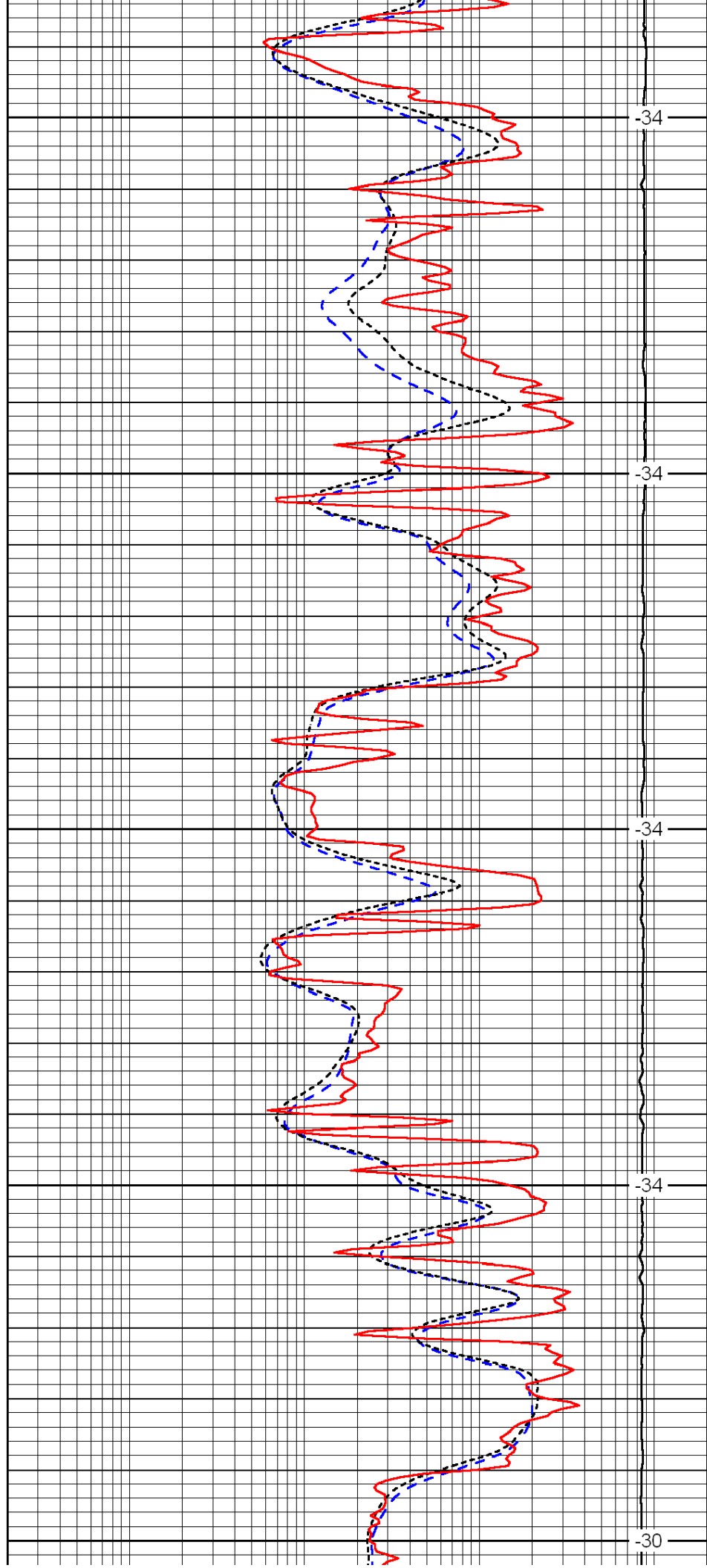
4150

4200

4250

4300

4350



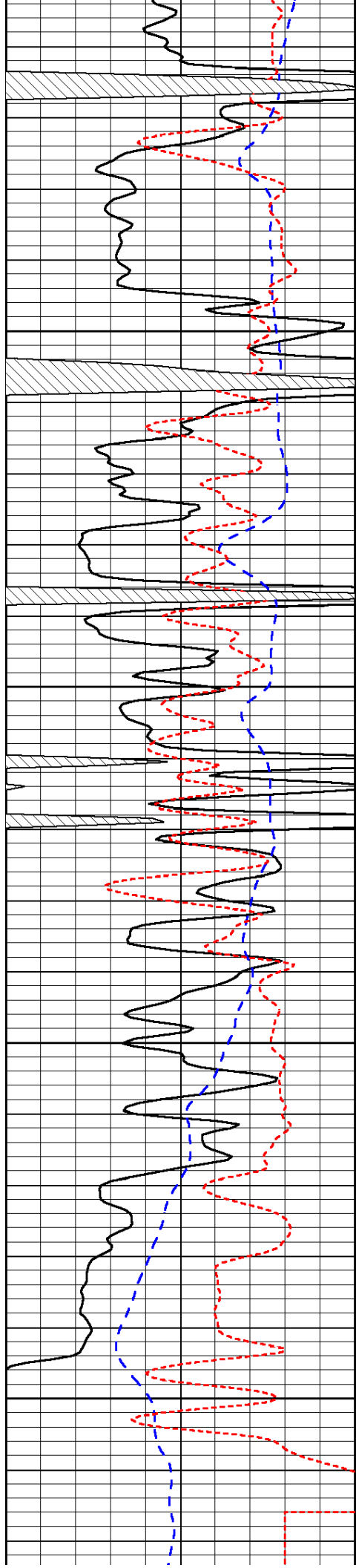
-34

-34

-34

-34

-30

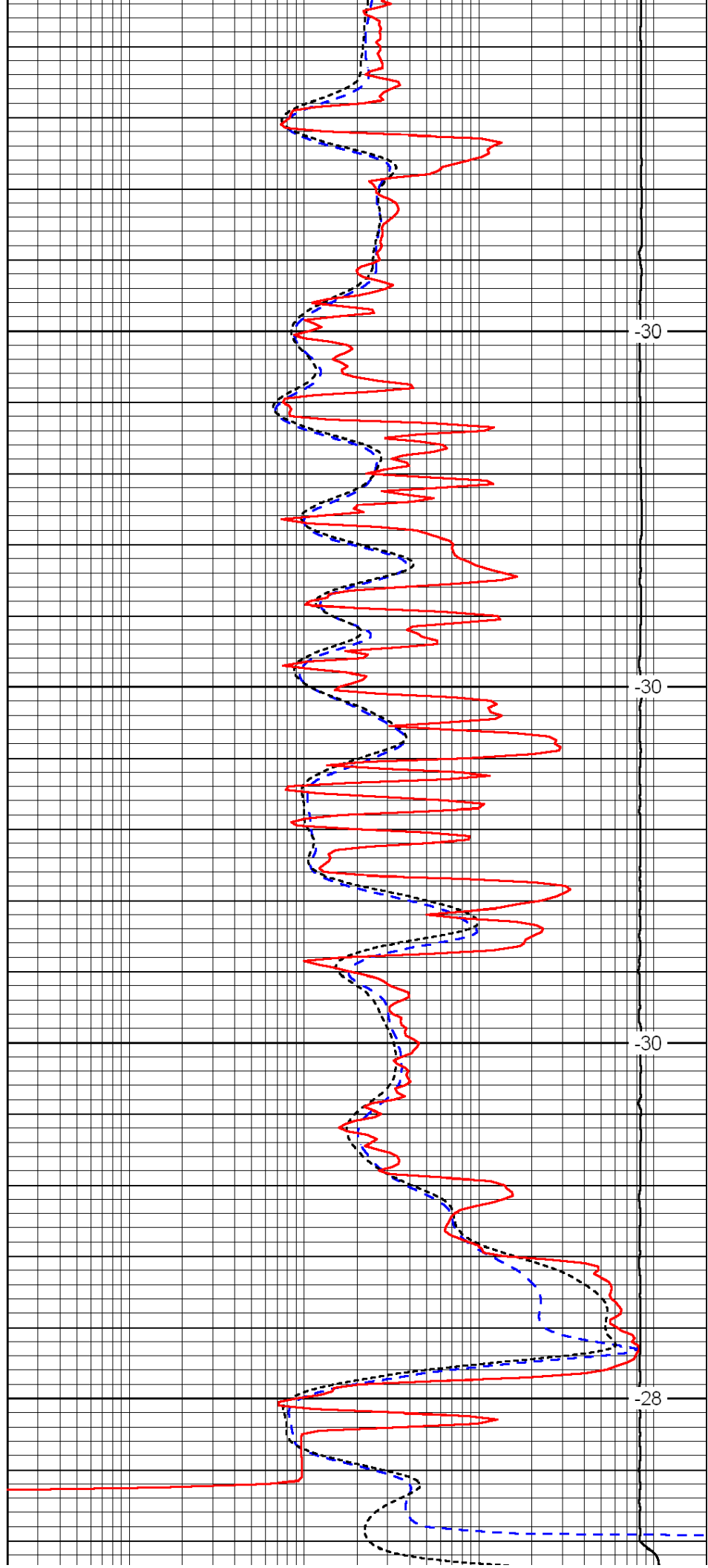


4400

4450

4500

4550



-30

-30

-30

-28

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