



Dual Induction Log

Pioneer Energy Services

API No.		Company Cholla Production, LLC					
		Well Kyte-Ung No. 1-25					
		Field Ung					
		County Decatur	State		Kansas		
15-039-21,155-00-00		Location W2 SW SE NE 2,310' FNL & 1,090' FEL			Other Services CNL/CDL MEL		
		Sec: 25 Twp: 2S Rge: 30W					
Permanent Datum		Ground Level	Elevation 2805		K.B. 2810 D.F. 2805 G.L. 2805		
Log Measured From		Kelly Bushing	5 Ft. Above Perm. Datum				
Drilling Measured From		From Kelly Bushing					
Date		8/20/2012					
Run Number		One					
Depth Driller		4090					
Depth Logger		4090					
Bottom Logged Interval		4089					
Top Log Interval		250					
Casing Driller		8.625 @ 260					
Casing Logger		260					
Bit Size		7.875					
Type Fluid in Hole		Chemical					
Salinity, ppm CL		1500					
Density / Viscosity		9.3	48				
pH / Fluid Loss		9.0	7.2				
Source of Sample		Flowline					
Rm @ Meas. Temp		.92 @ 76					
Rmf @ Meas. Temp		.69 @ 76					
Rmc @ Meas. Temp		1.24 @ 76					
Source of Rmf / Rmc		Charts					
Rm @ BHT		.60 @ 117					
Operating Rig Time		4 Hours					
Max Rec. Temp. F		117					
Equipment Number		108					
Location		Hays					
Recorded By		J. Long					
Witnessed By		Bill Goff					

<<< Fold Here >>>

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

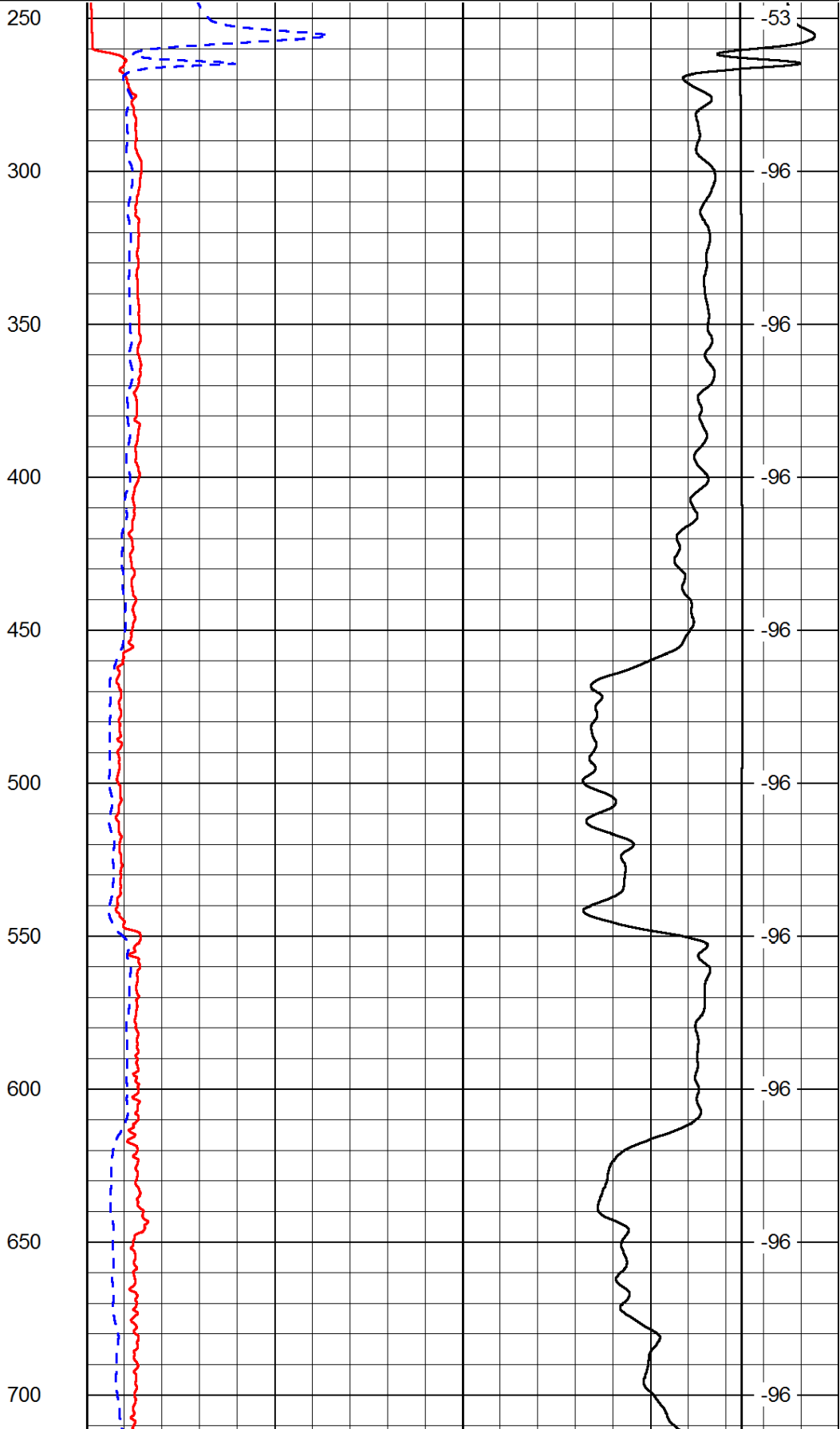
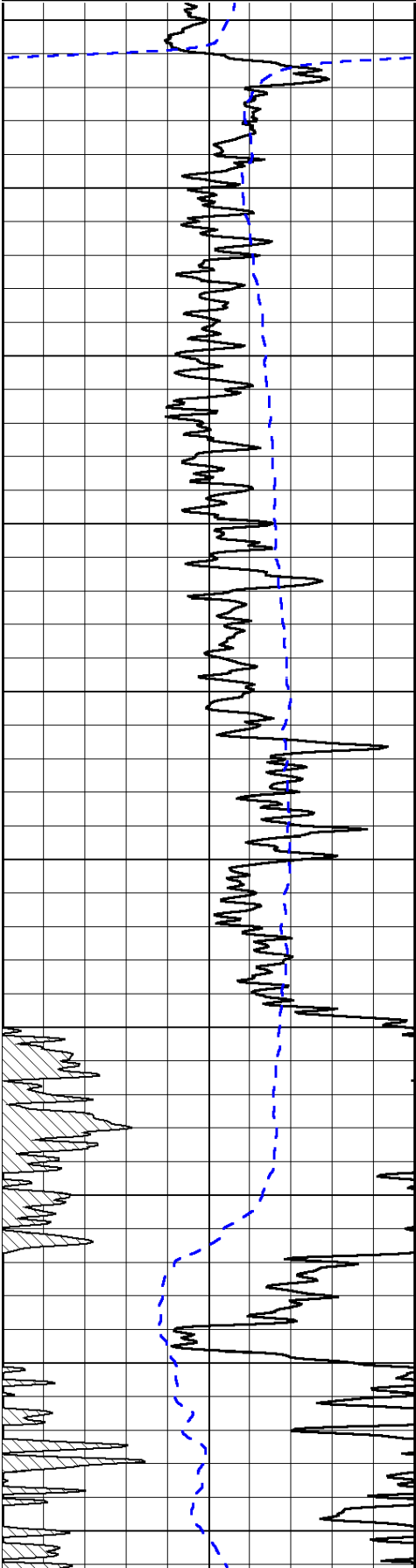
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

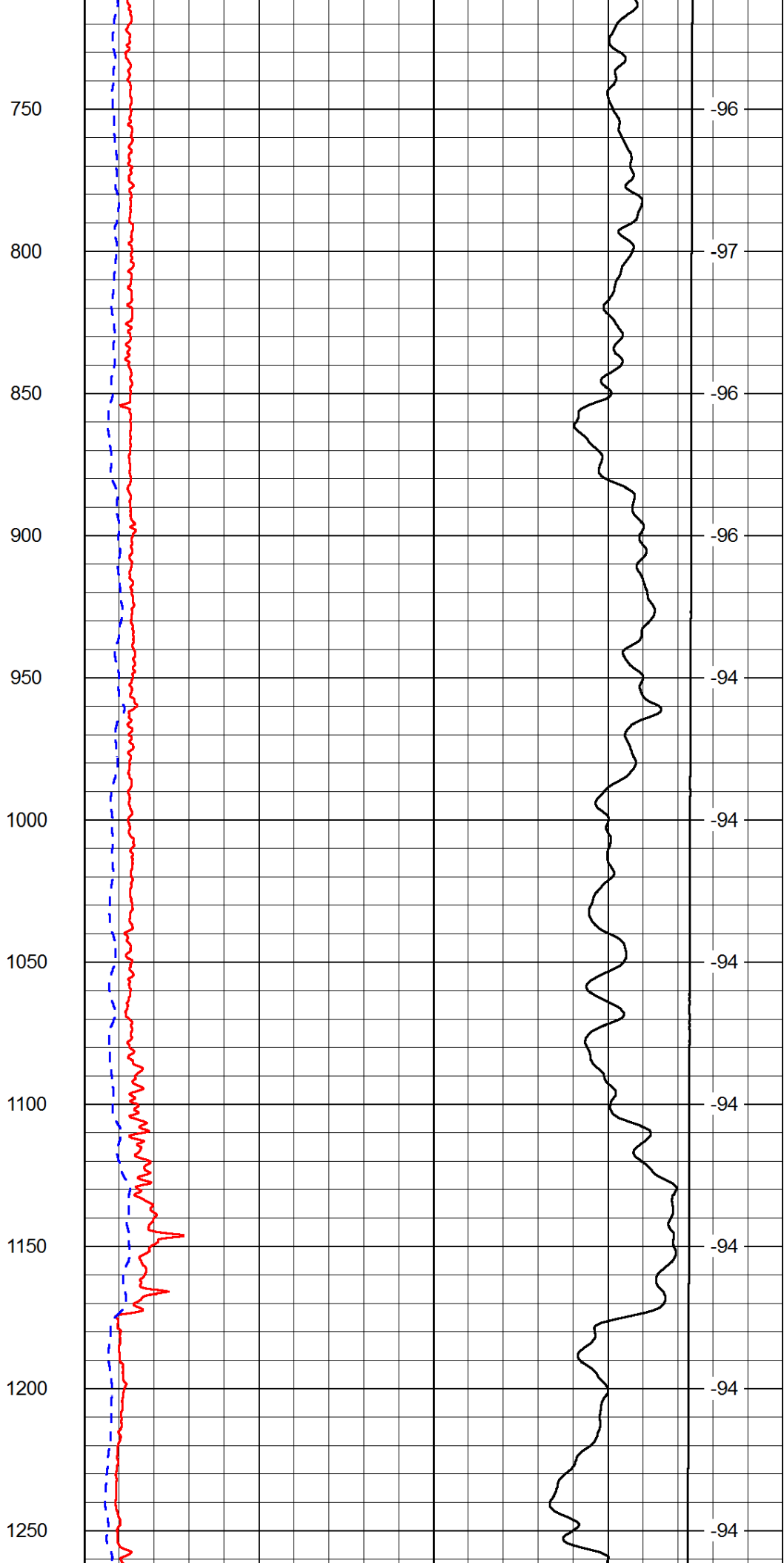
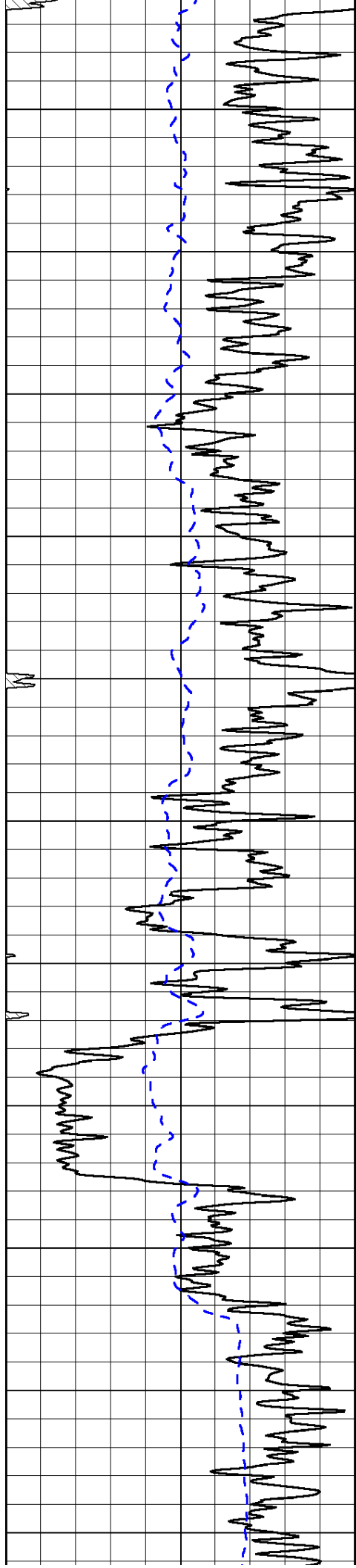
Oberlin, 5 West, 1 1/2 North, West Into

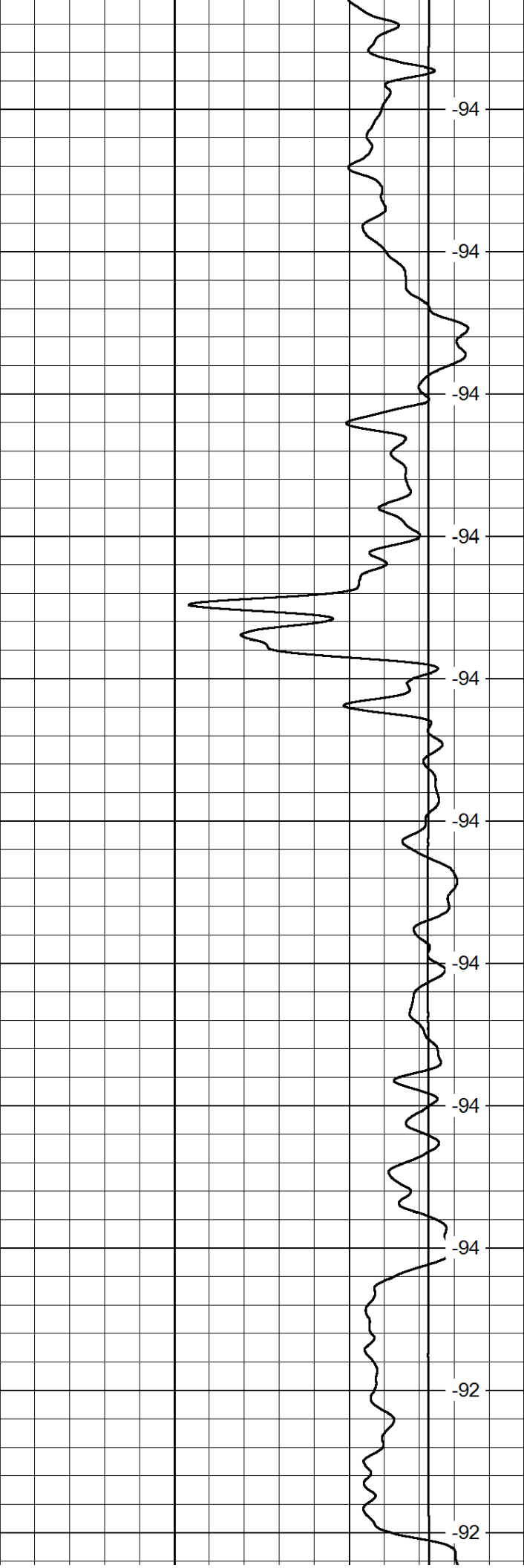
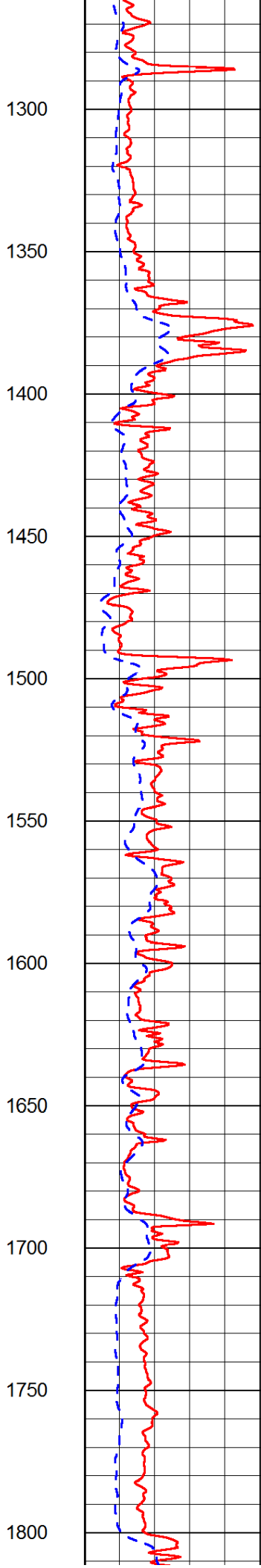
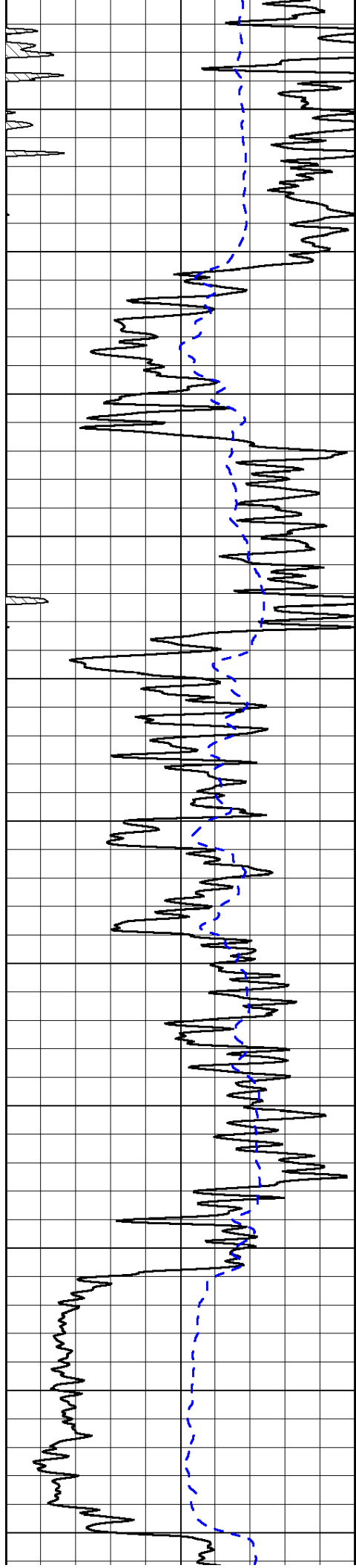
Database File: c:\warrior\data\cholla_kyte-ung no. 1-25\cholla_kyte-ung_1-25hd.db
Dataset Pathname: dil\cholstck
Presentation Format: dil2in
Dataset Creation: Mon Aug 20 10:06:58 2012
Charted by: Depth in Feet scaled 1:600

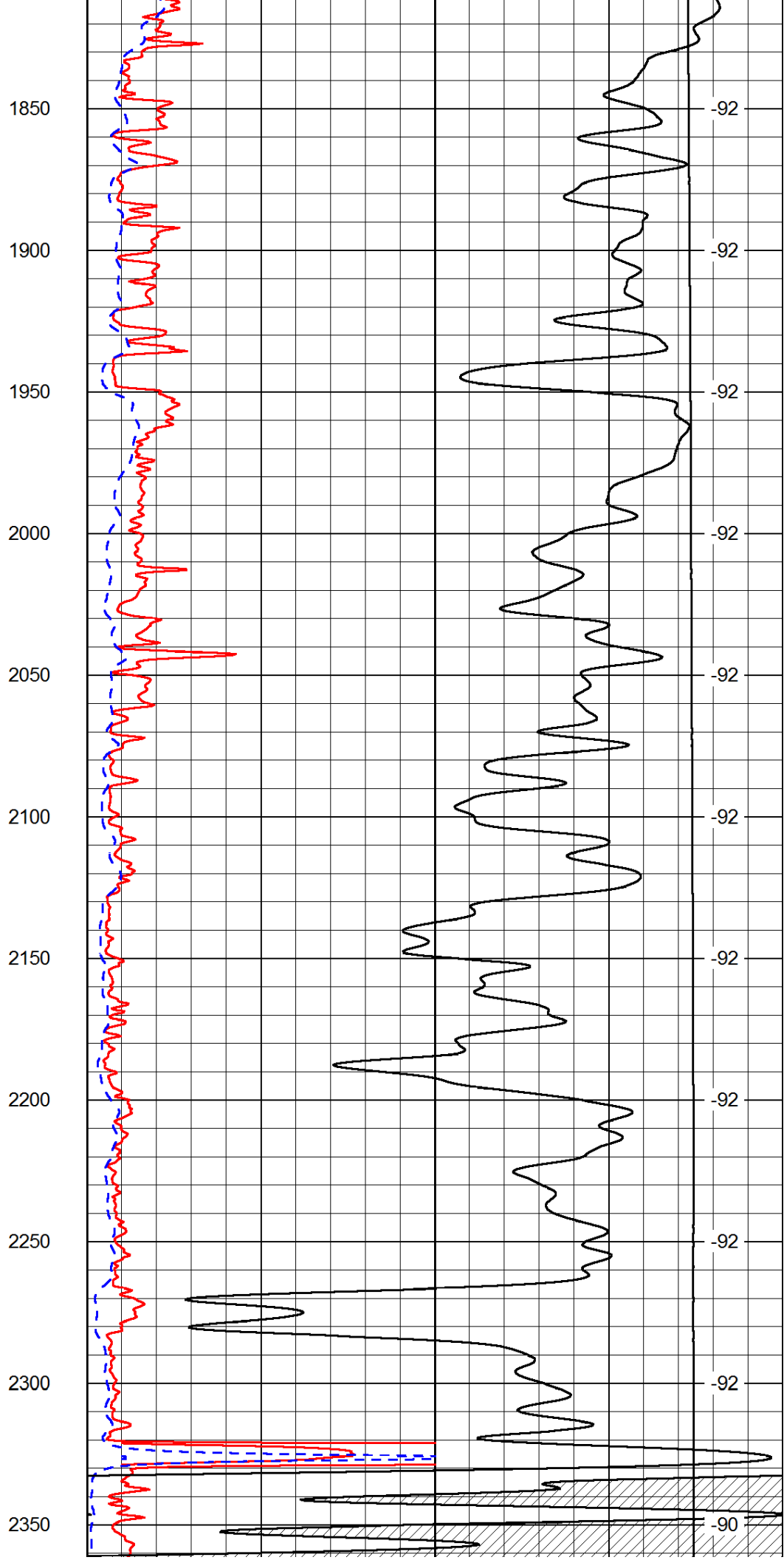
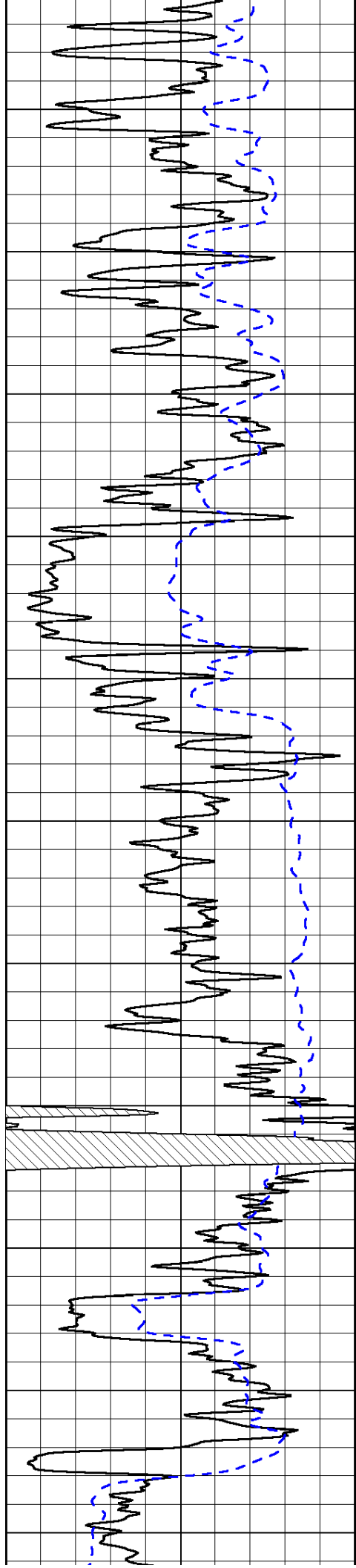
0	Gamma Ray	150
-200	SP (mV)	0

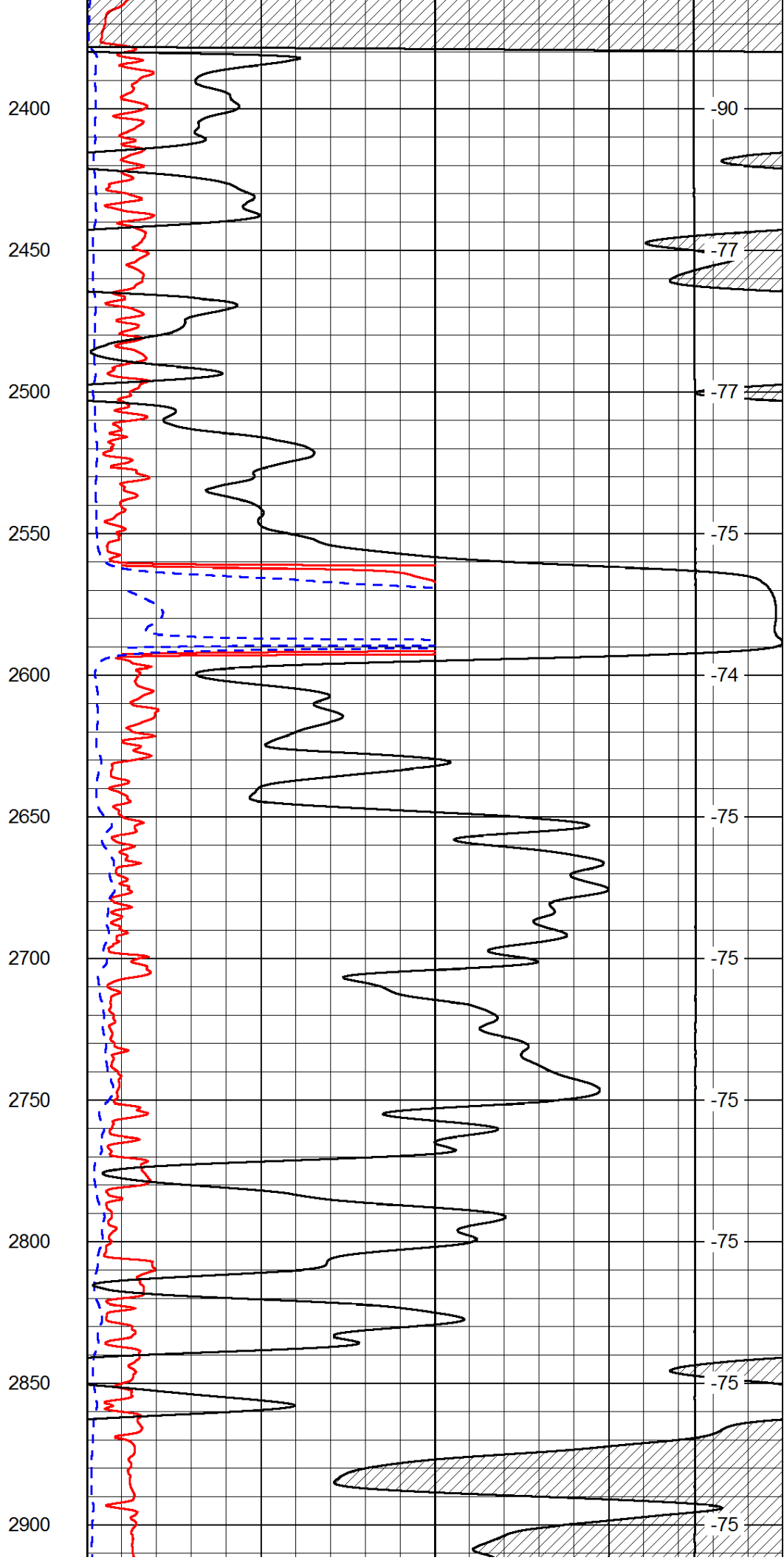
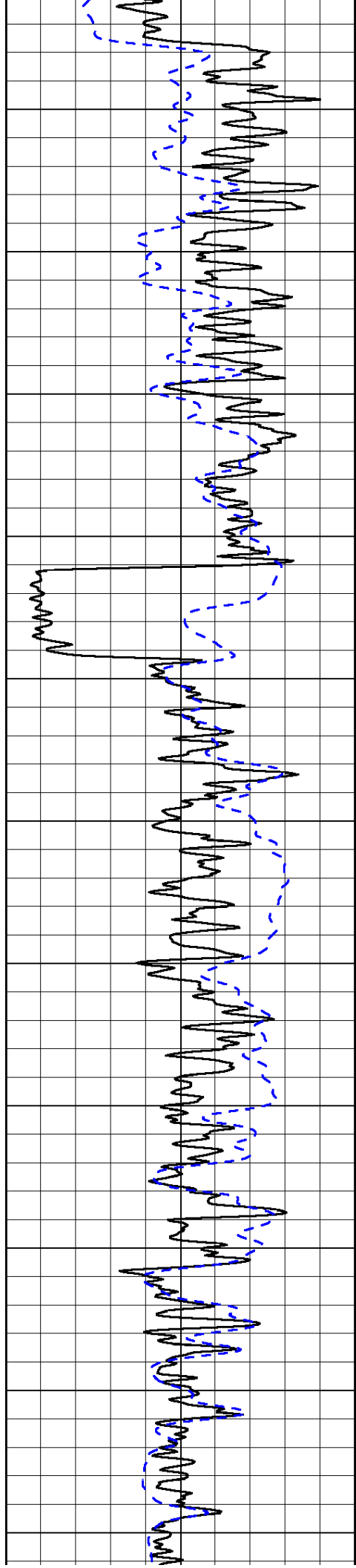
0	Shallow Resistivity	50	LSPD
0	Deep Resistivity	50	
1000	Conductivity		0
15000	Line Tension		0
50	Shallow Resistivity	500	
50	Deep Resistivity	500	

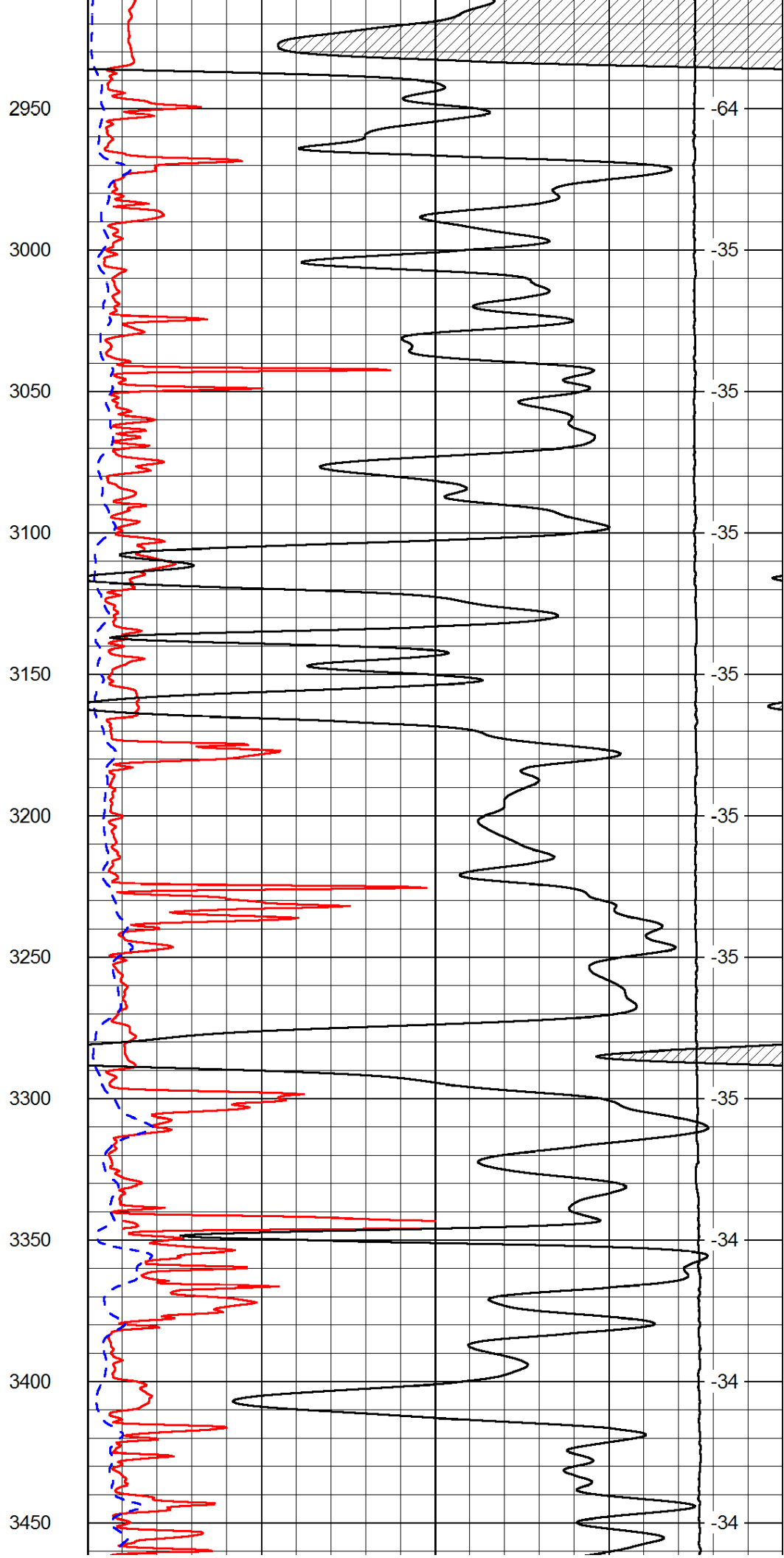
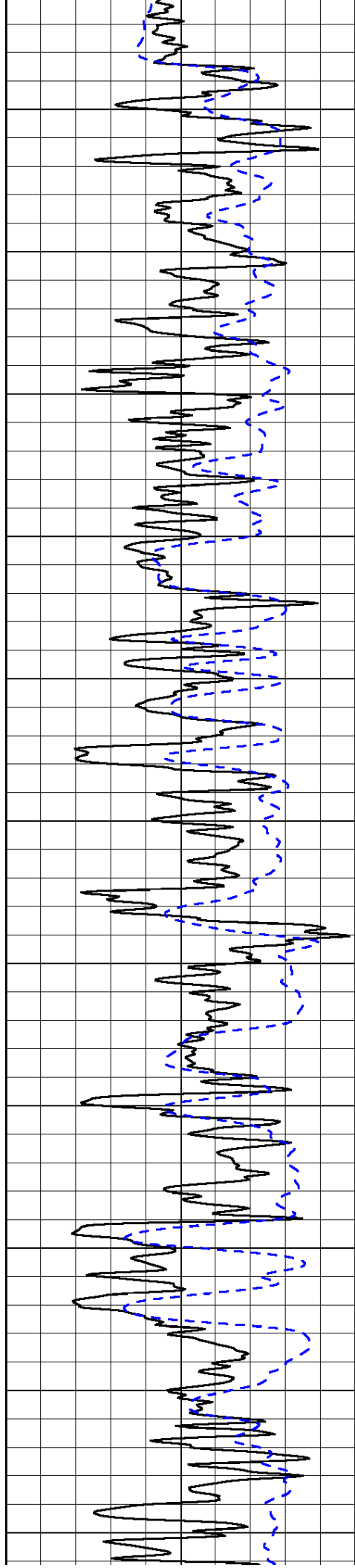


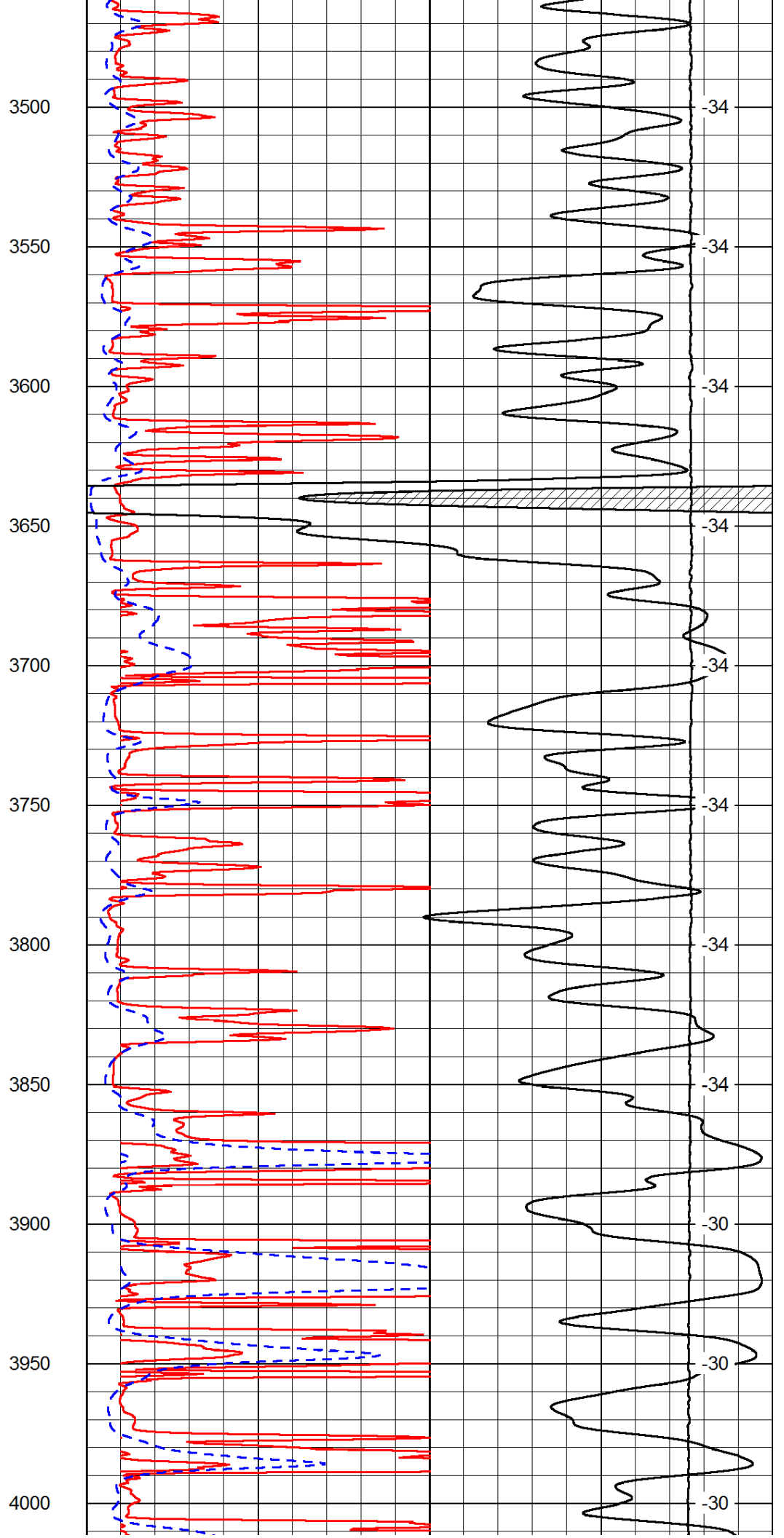
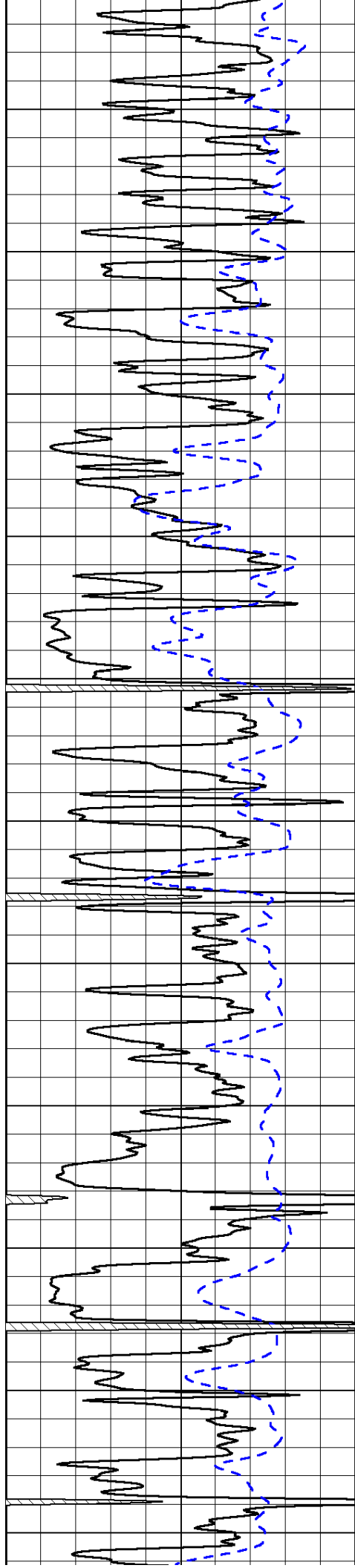


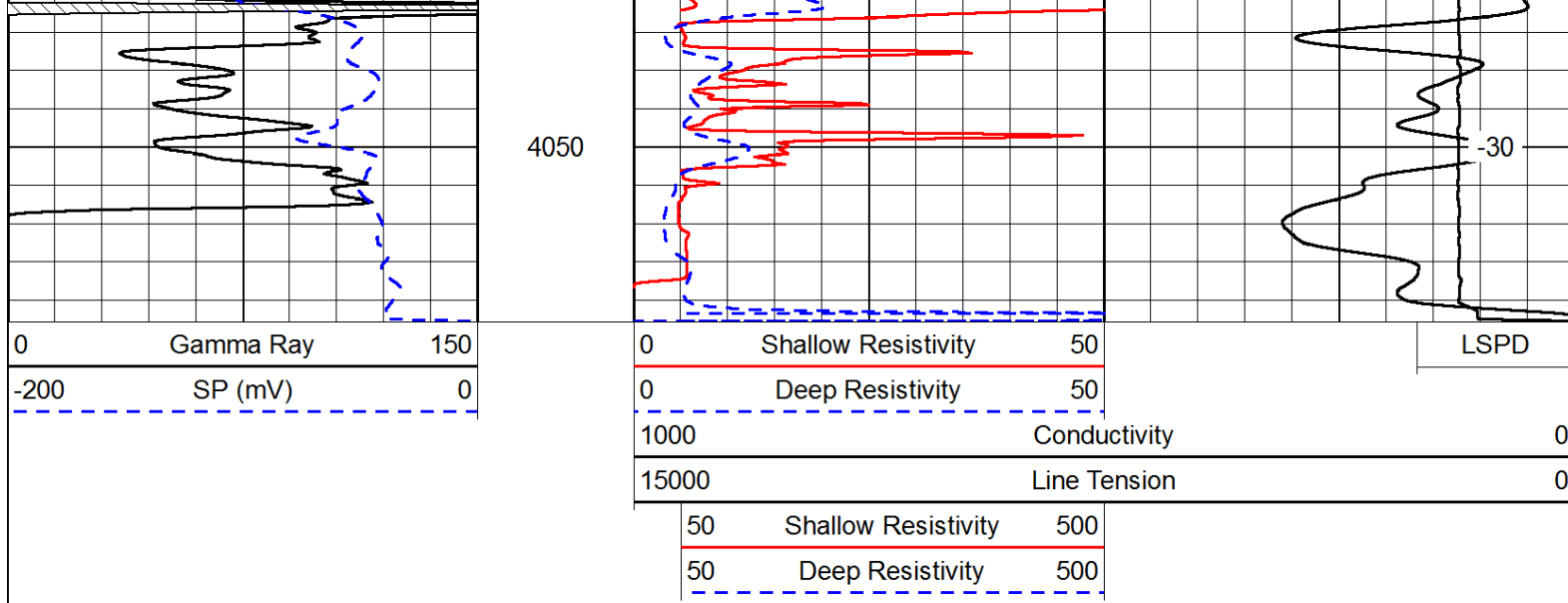




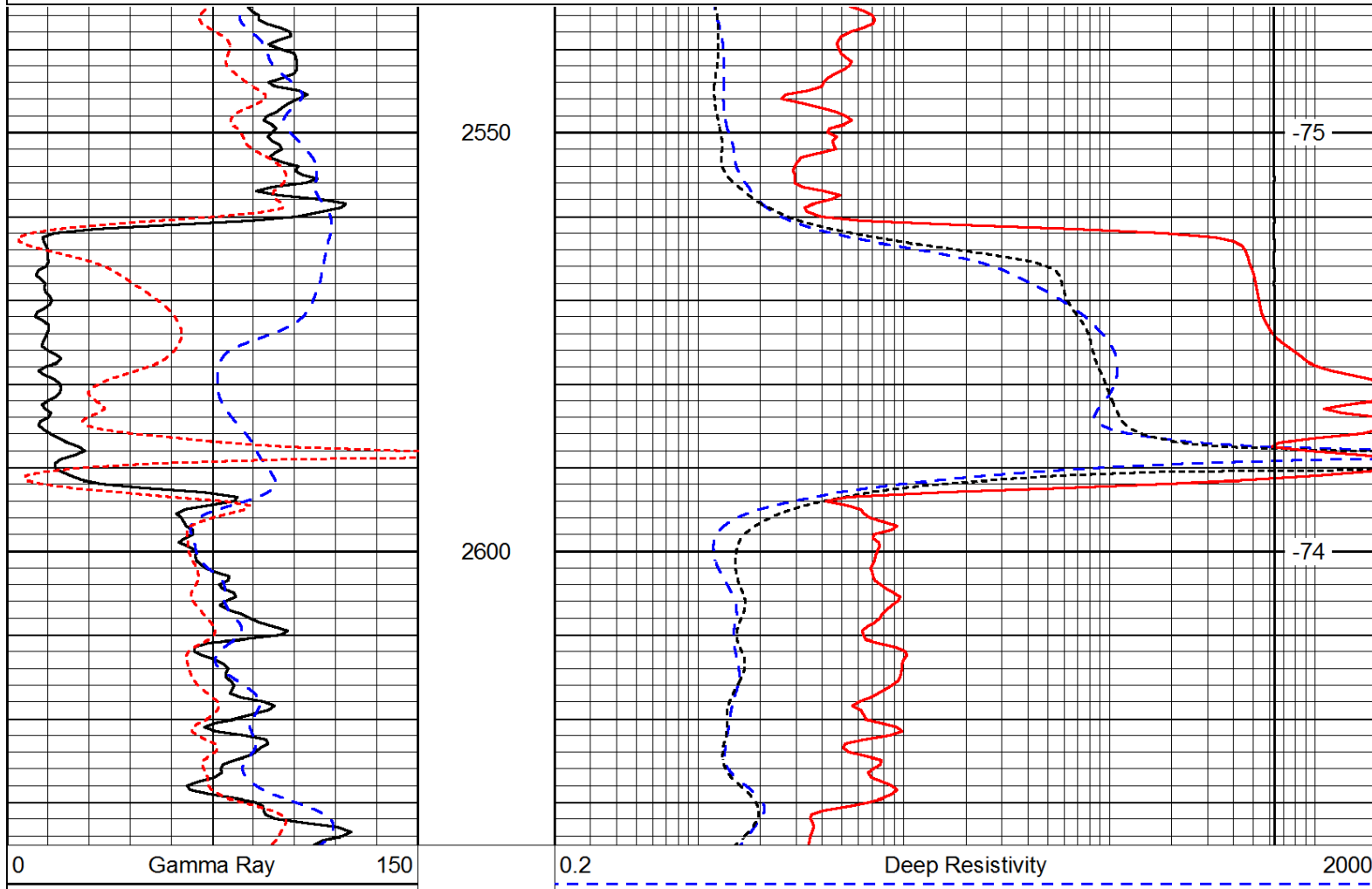
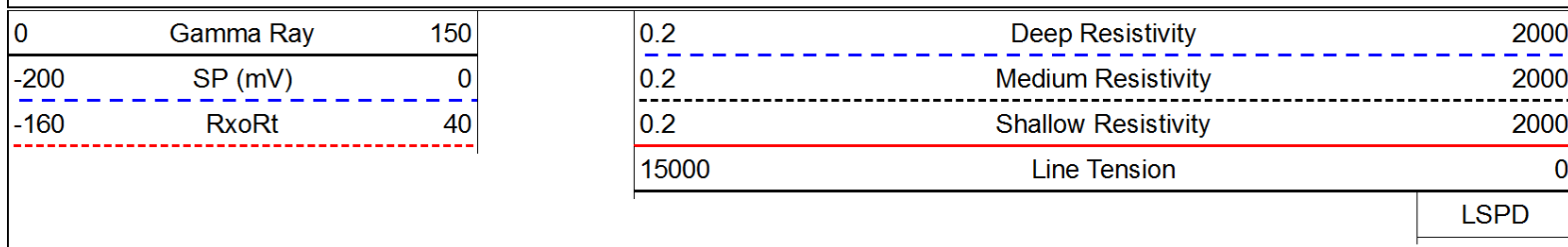








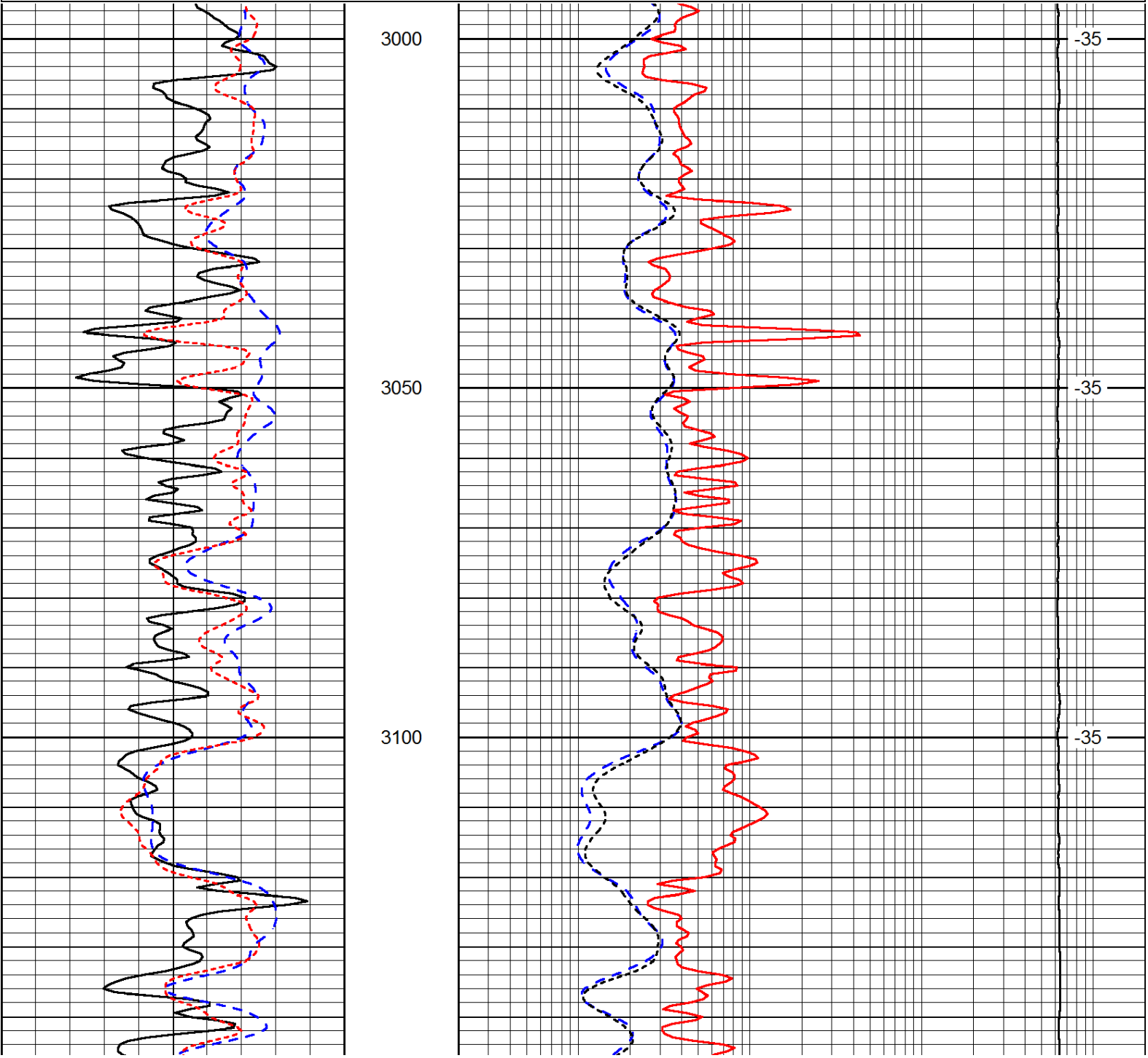
Database File: c:\warrior\data\cholla_kyte-ung no. 1-25\cholla_kyte-ung_1-25hd.db
 Dataset Pathname: dil/cholstck
 Presentation Format: dil
 Dataset Creation: Mon Aug 20 10:06:58 2012
 Charted by: Depth in Feet scaled 1:240

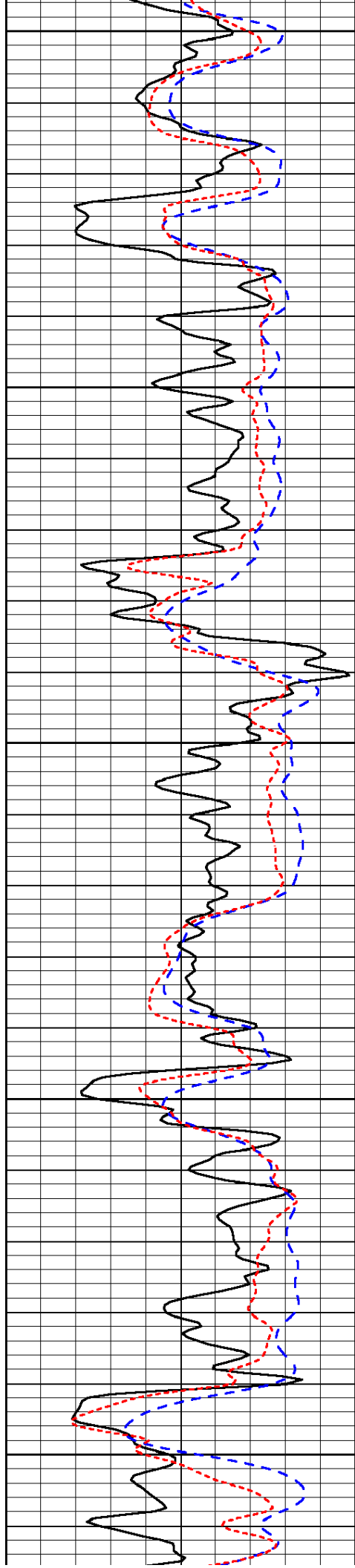


-200	SP (mV)	0
-160	RxoRt	40

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

Database File: c:\warrior\data\cholla_kyte-ung no. 1-25\cholla_kyte-ung_1-25hd.db		
Dataset Pathname: dil/cholstck		
Presentation Format: dil		
Dataset Creation: Mon Aug 20 10:06:58 2012		
Charted by: Depth in Feet scaled 1:240		
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





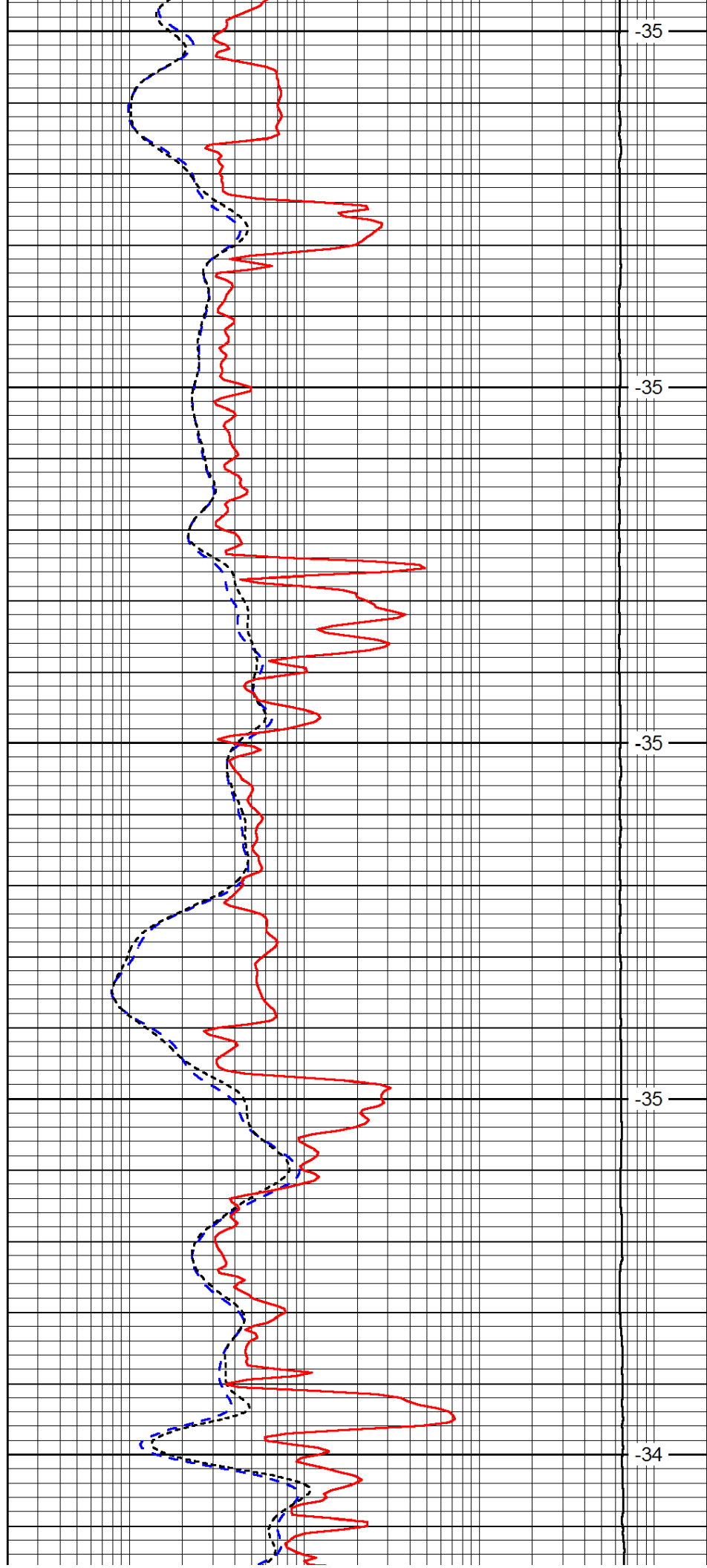
3150

3200

3250

3300

3350



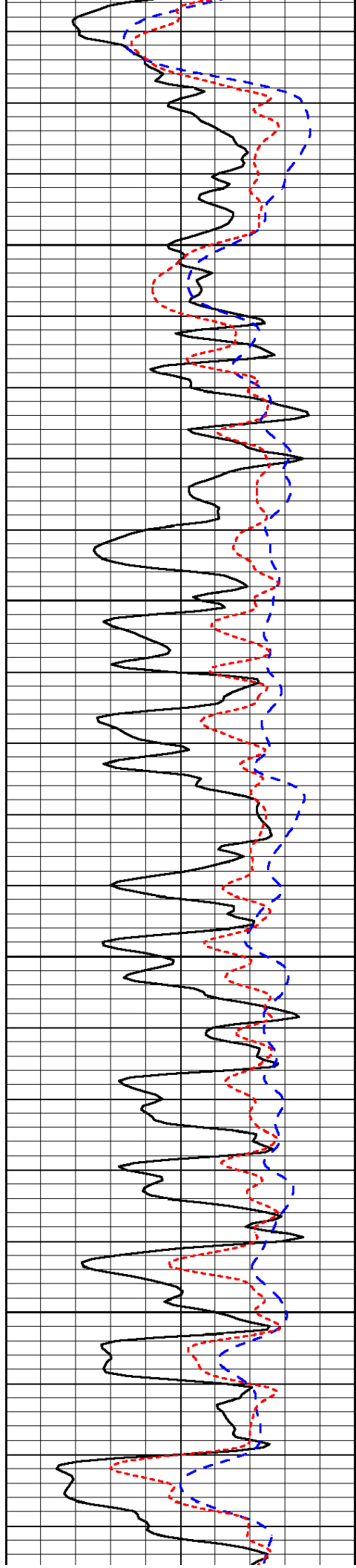
-35

-35

-35

-35

-34

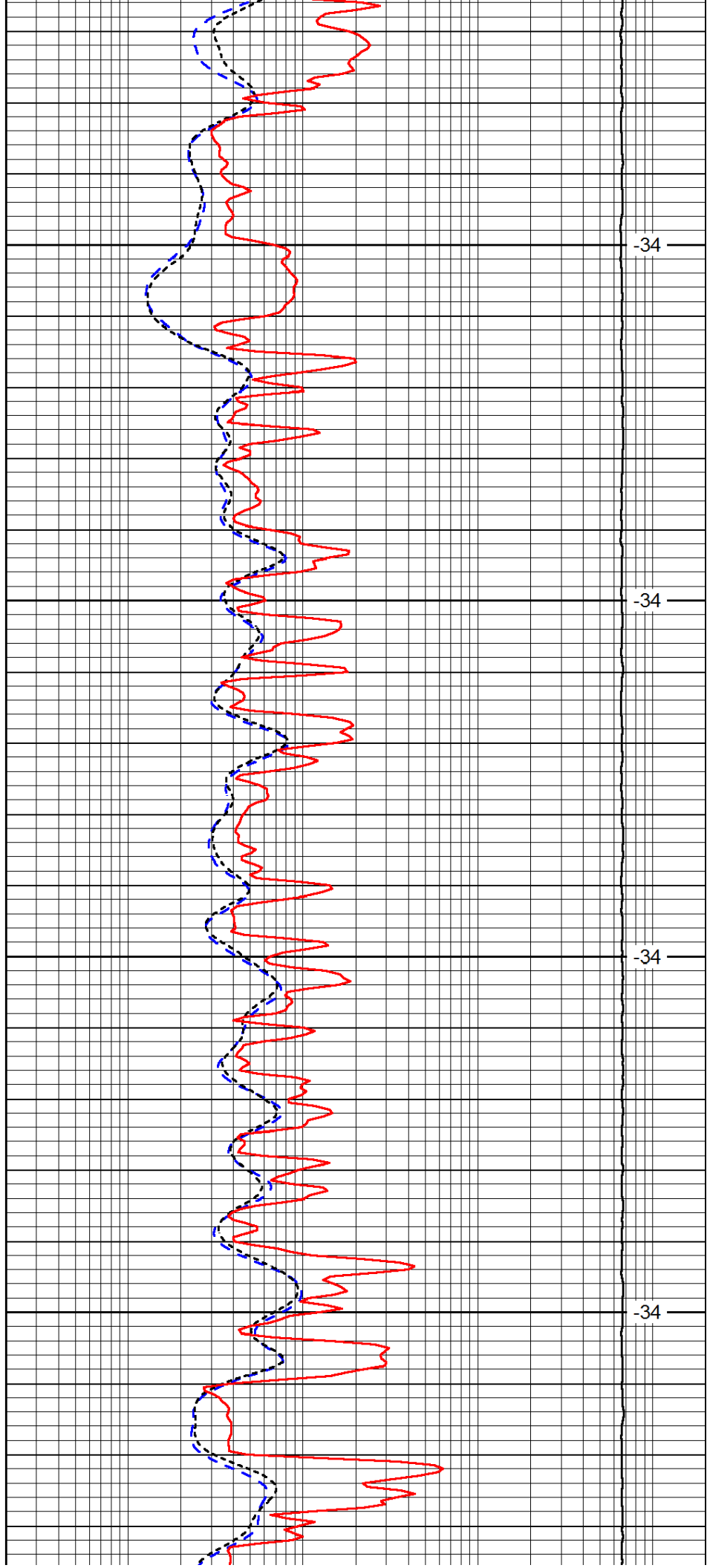


3400

3450

3500

3550

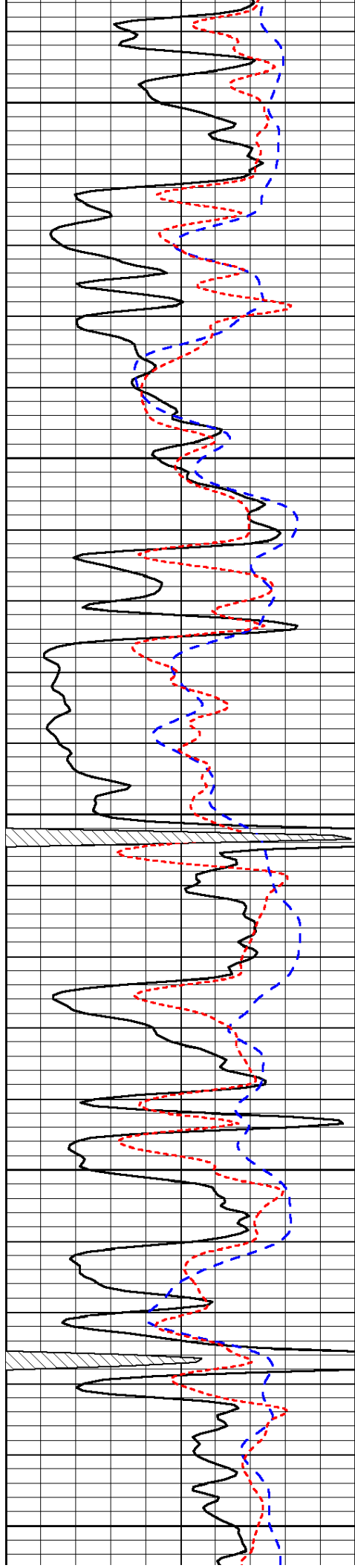


-34

-34

-34

-34



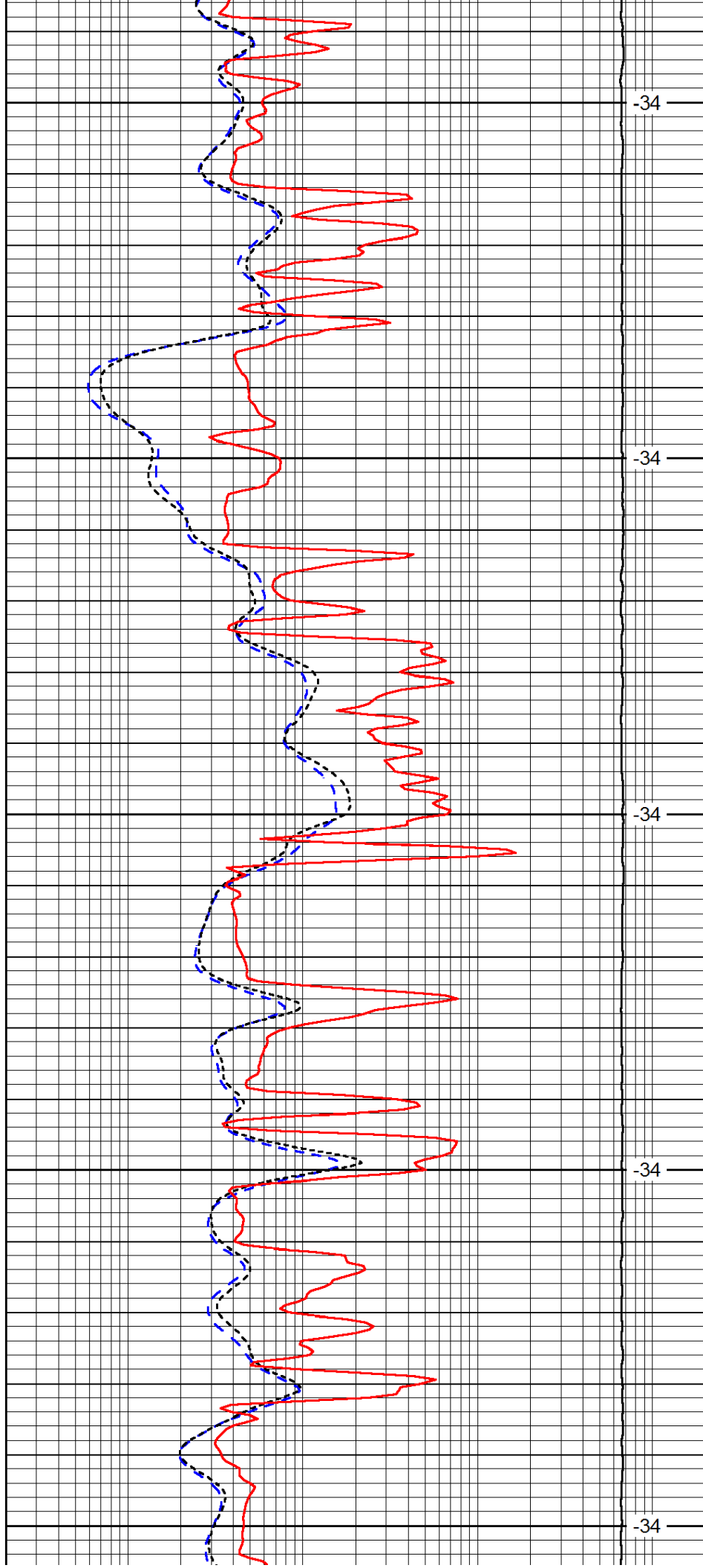
3600

3650

3700

3750

3800



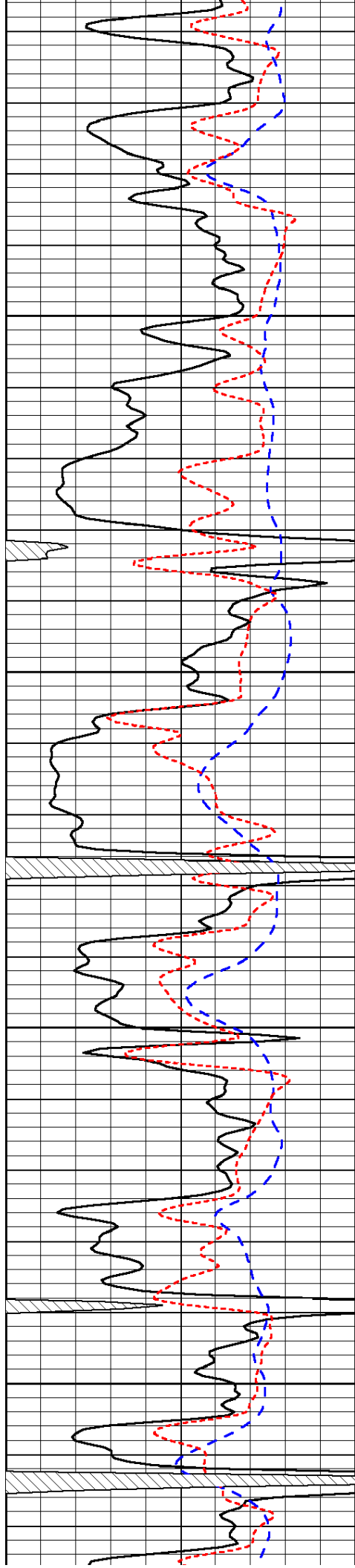
-34

-34

-34

-34

-34

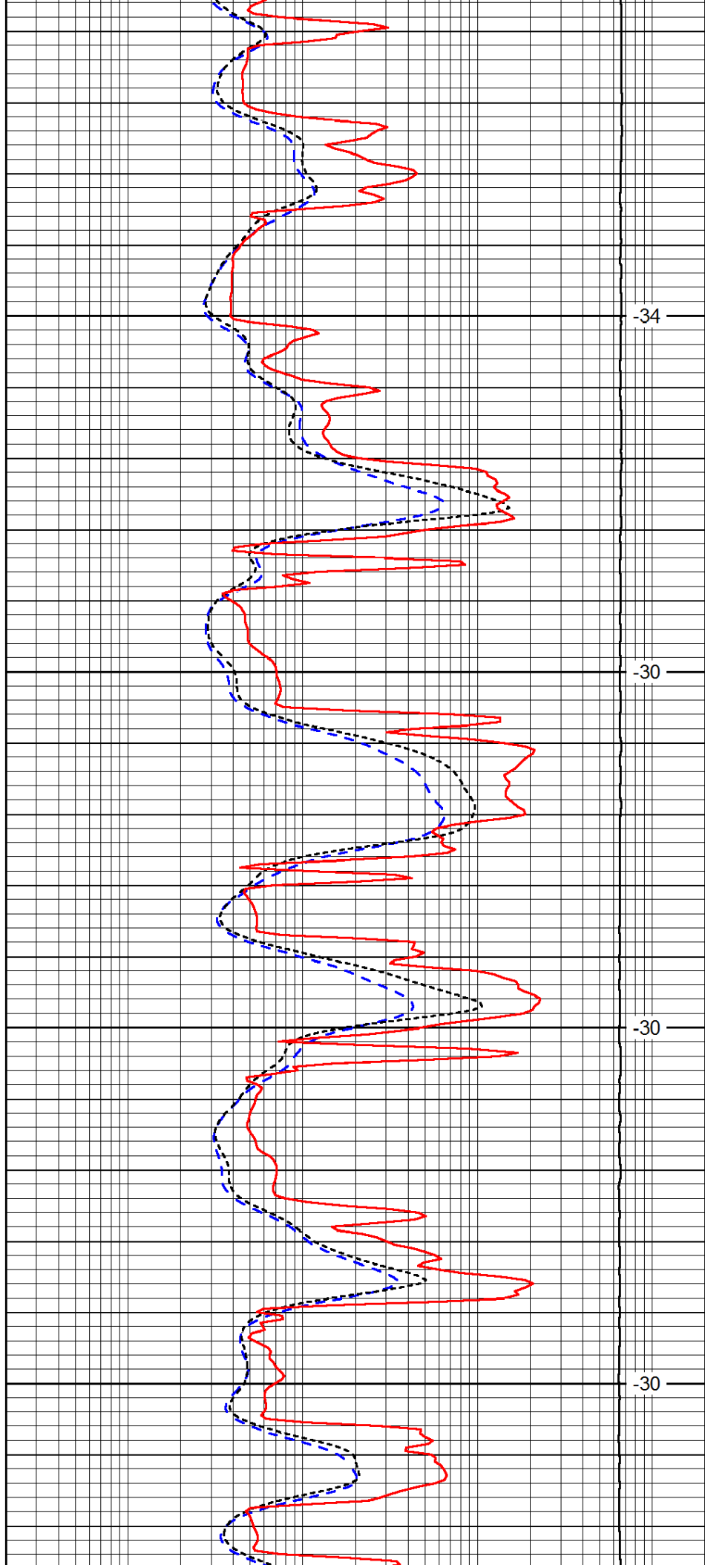


3850

3900

3950

4000

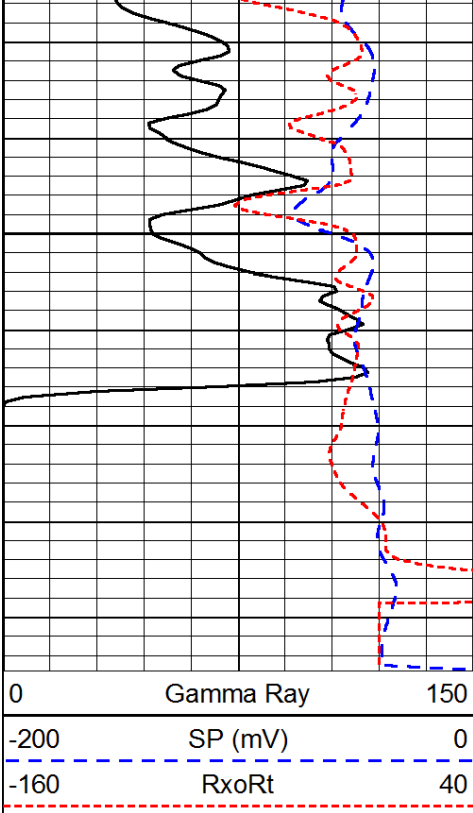


-34

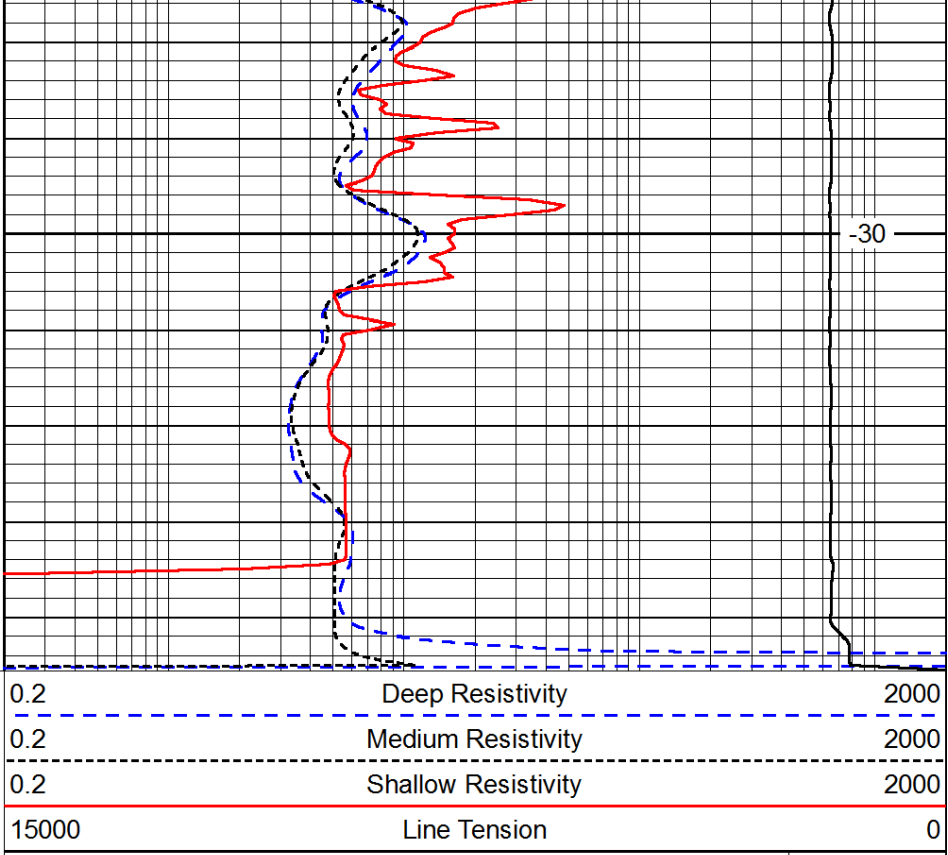
-30

-30

-30



4050



-30

LSPD