



Dual Induction Log

Pioneer Energy Services

API No.		Company Toto Energy, LLC.	
15-035-24,575-00-00		Well Lil' Red Kevette #1	
		Field Maddix North	
		County Cowley State Kansas	
Location		330' FSL & 450' FWL	
Sec: 36		Twp: 32S Rge: 5E	
Permanent Datum		Ground Level	
Log Measured From		Kelly Bushing	
Drilling Measured From		Kelly Bushing	
Date		5/14/2014	
Run Number		One	
Depth Driller		3525	
Depth Logger		3526	
Bottom Logged Interval		3525	
Top Log Interval		250	
Casing Driller		8.625 @ 274	
Casing Logger		275	
Bit Size		7.875	
Type Fluid in Hole		Chemical	
Salinity, ppm CL		1000	
Density / Viscosity		9.0 55	
pH / Fluid Loss		9.5 6.0	
Source of Sample		Flowline	
Rm @ Meas. Temp		1.10 @ 80	
Rmf @ Meas. Temp		0.83 @ 80	
Rmc @ Meas. Temp		1.49 @ 80	
Source of Rmf / Rmc		Charts	
Rm @ BHT		0.79 @ 111	
Operating Rig Time		4 Hours	
Max Rec. Temp. F		111	
Equipment Number		15	
Location		Hays	
Recorded By		D. Kerr	
Witnessed By		Troy Fowler	
		Steve Ball	

<<< 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

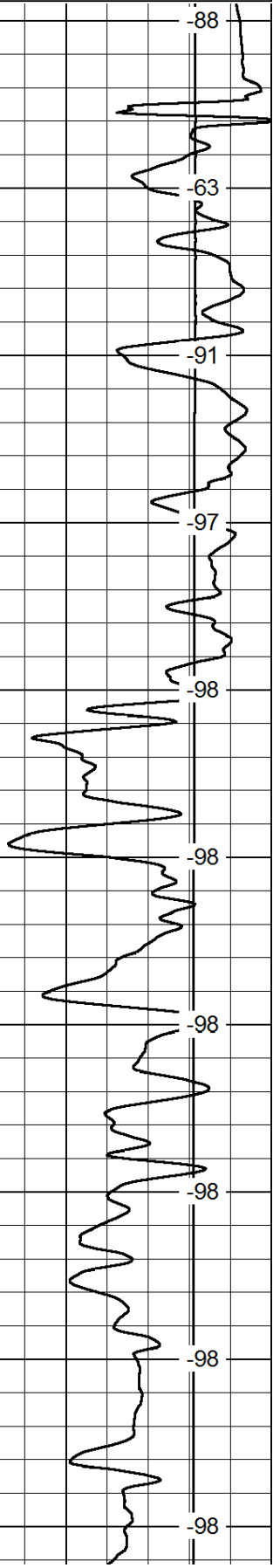
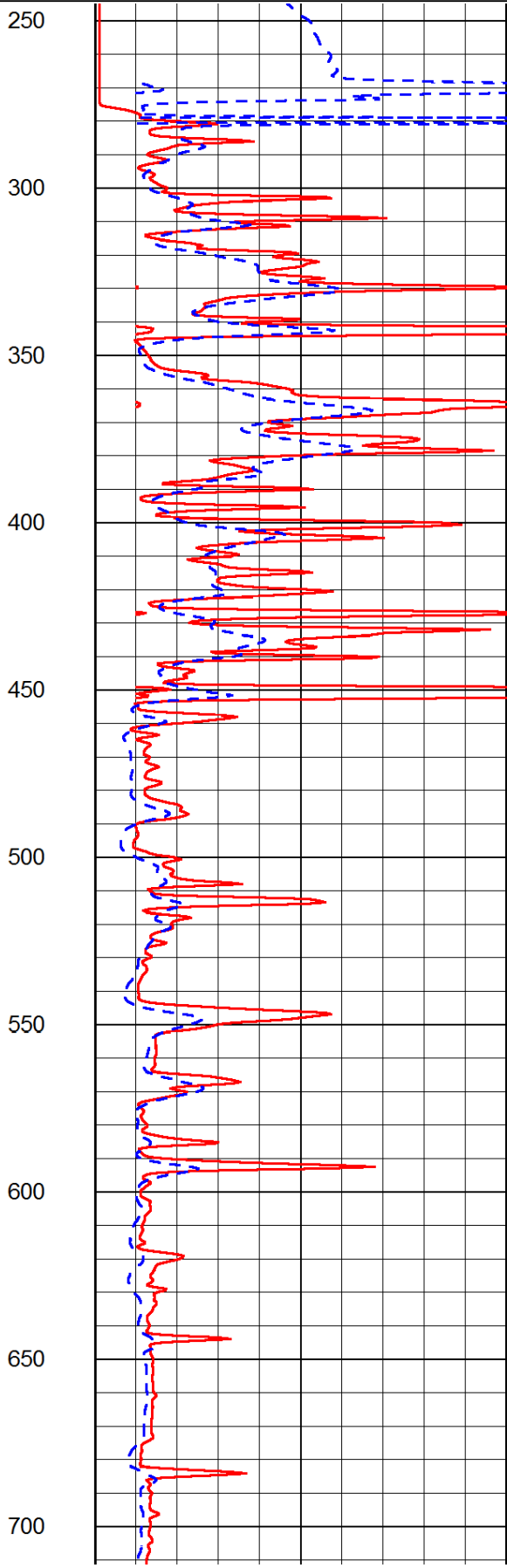
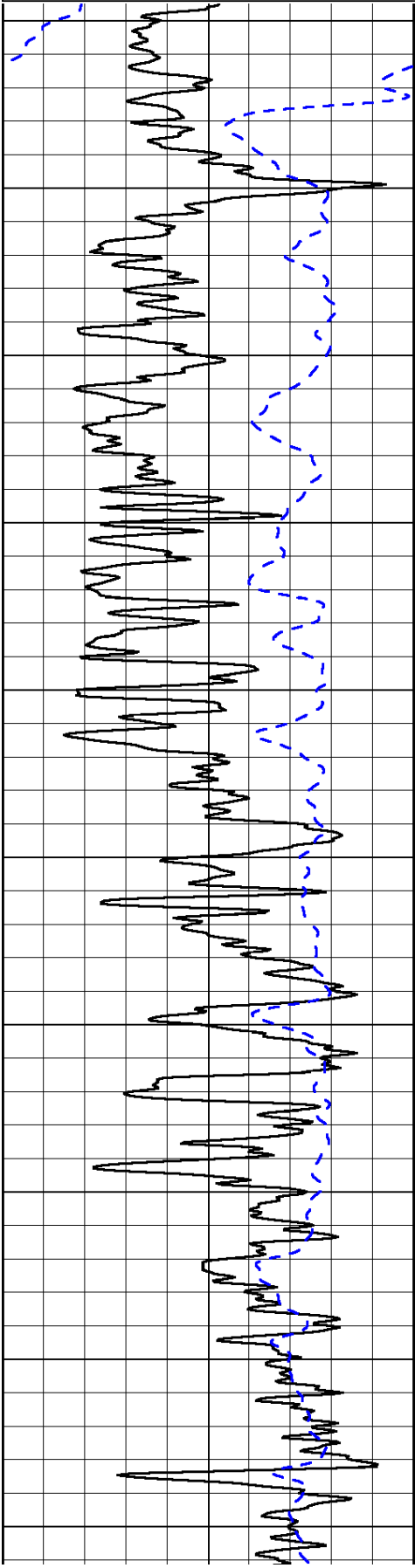
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

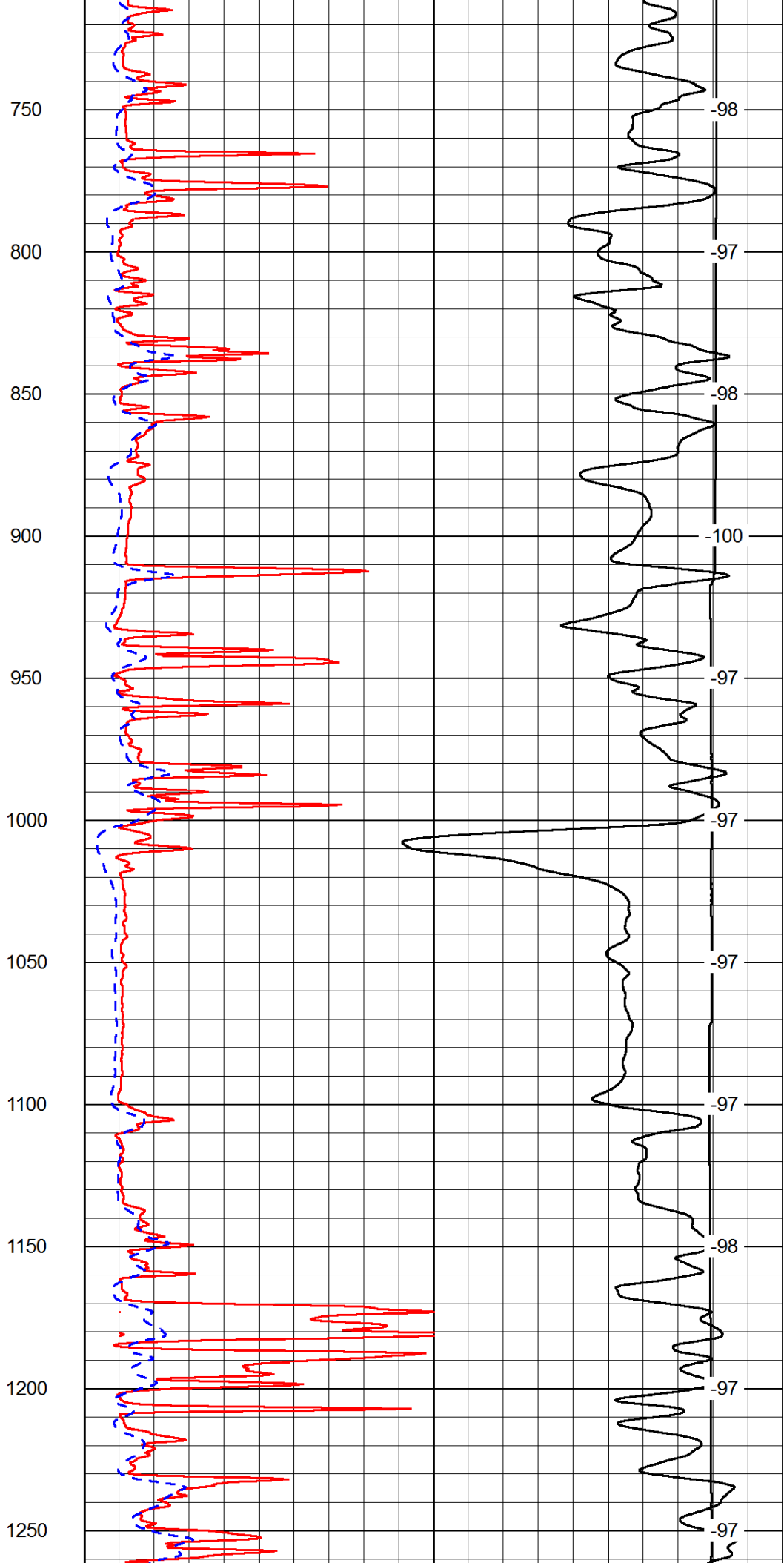
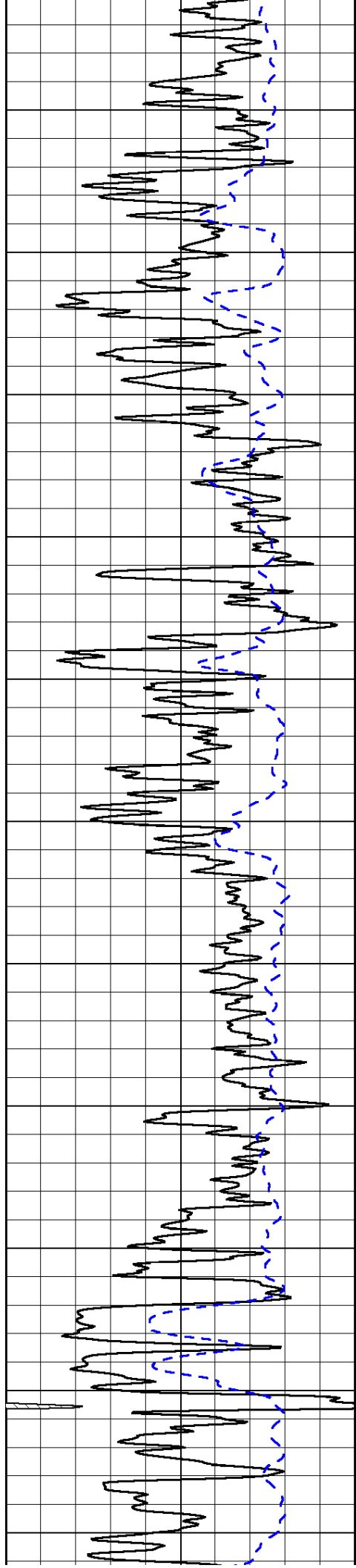
Winfield KS, 7 East,
2 South, 1/4 East, North Into

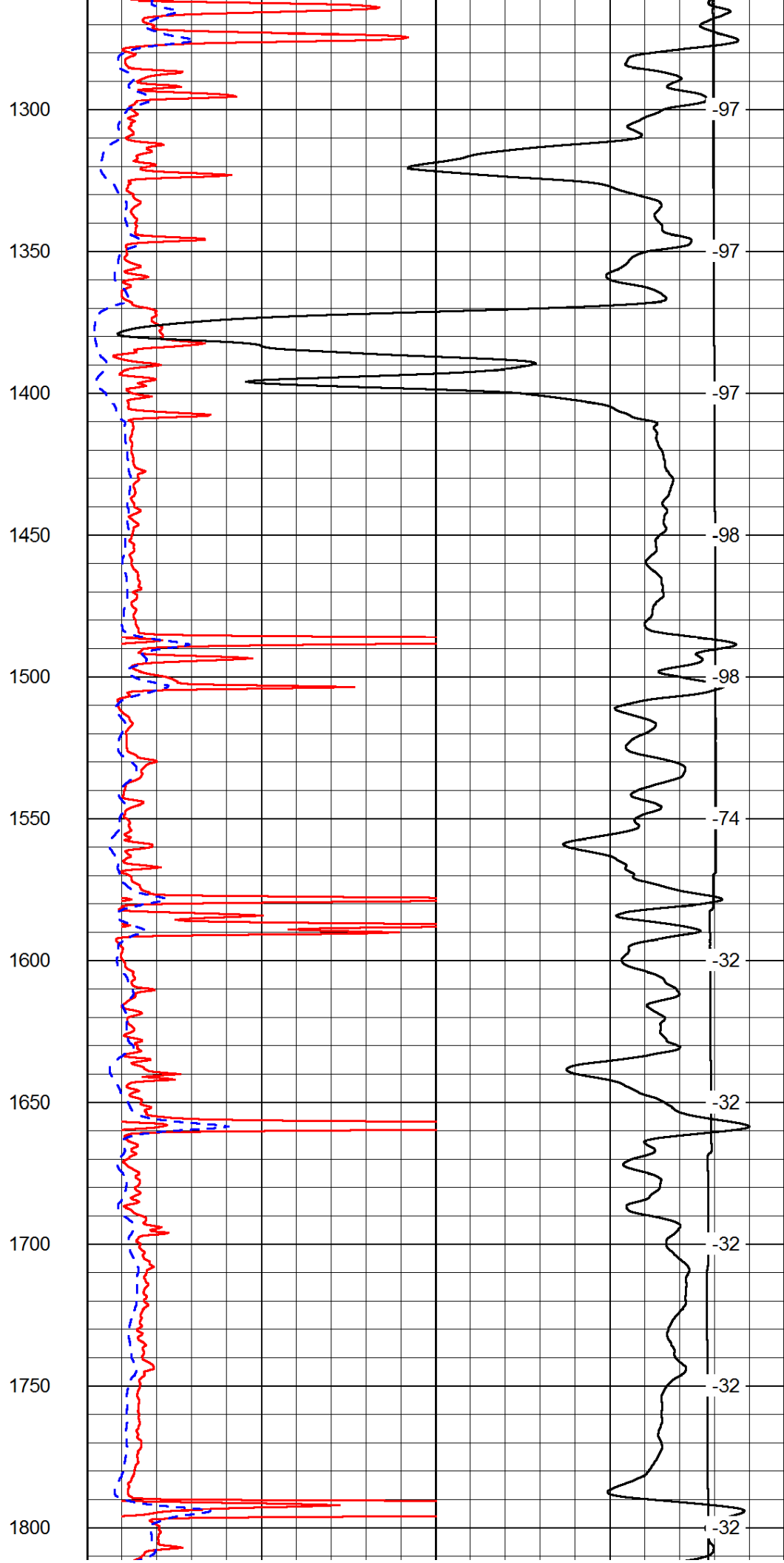
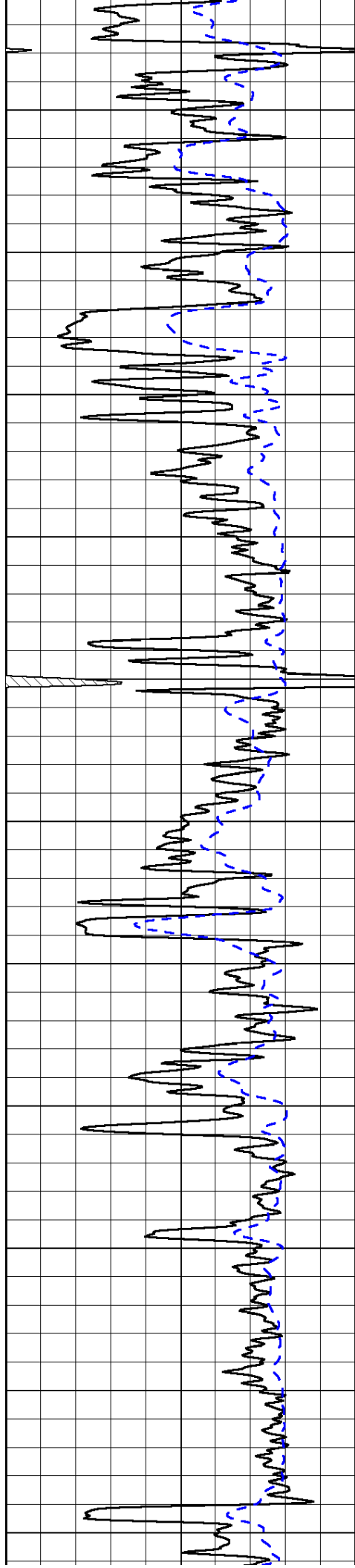
Database File: c:\warrior\data\toto_lil' red kevette #1\toto_lilredkevette_1hd.db
Dataset Pathname: DIL\totostk
Presentation Format: dil2in
Dataset Creation: Wed May 14 08:56:05 2014
Charted by: Depth in Feet scaled 1:600

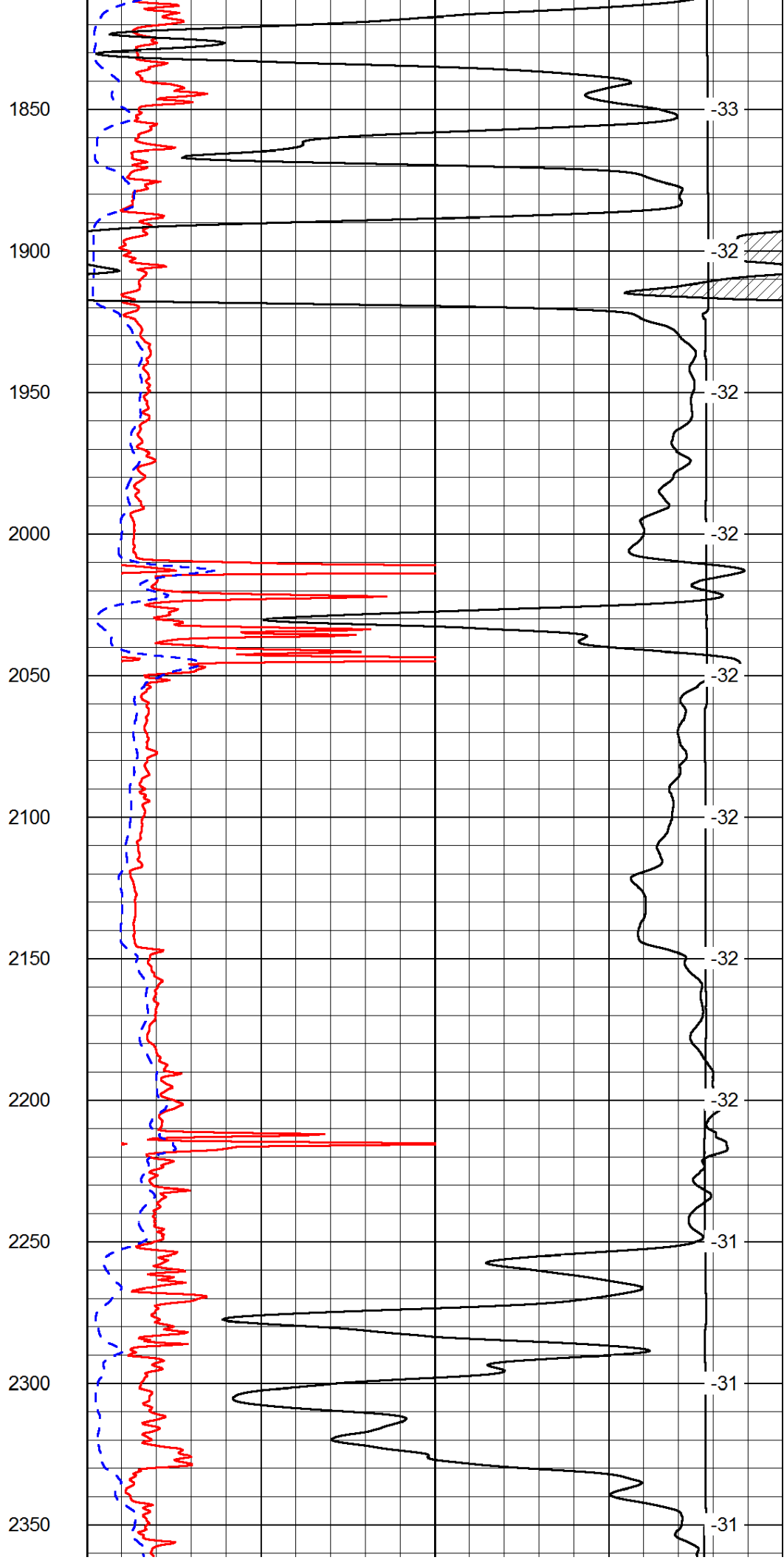
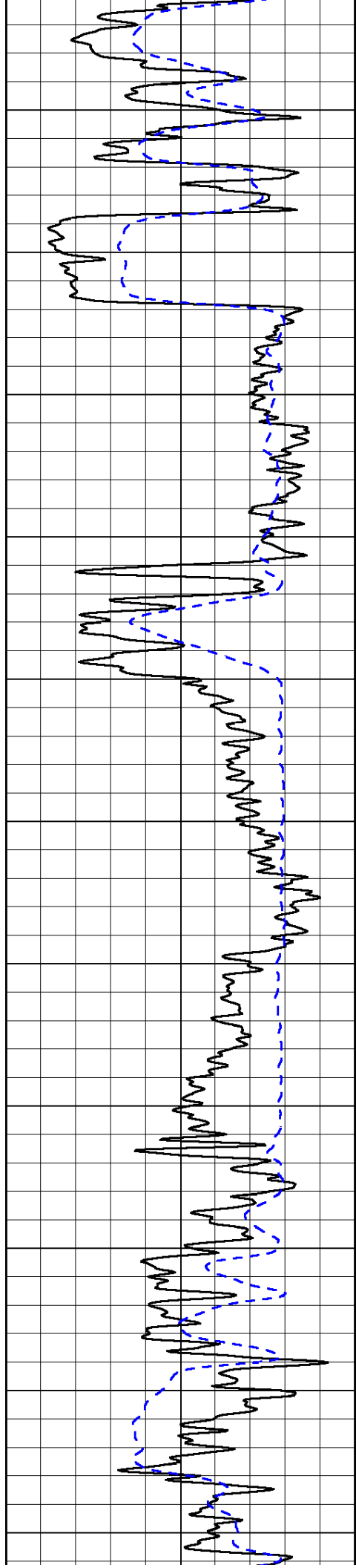
0	Gamma Ray	150
-200	SP (mV)	0

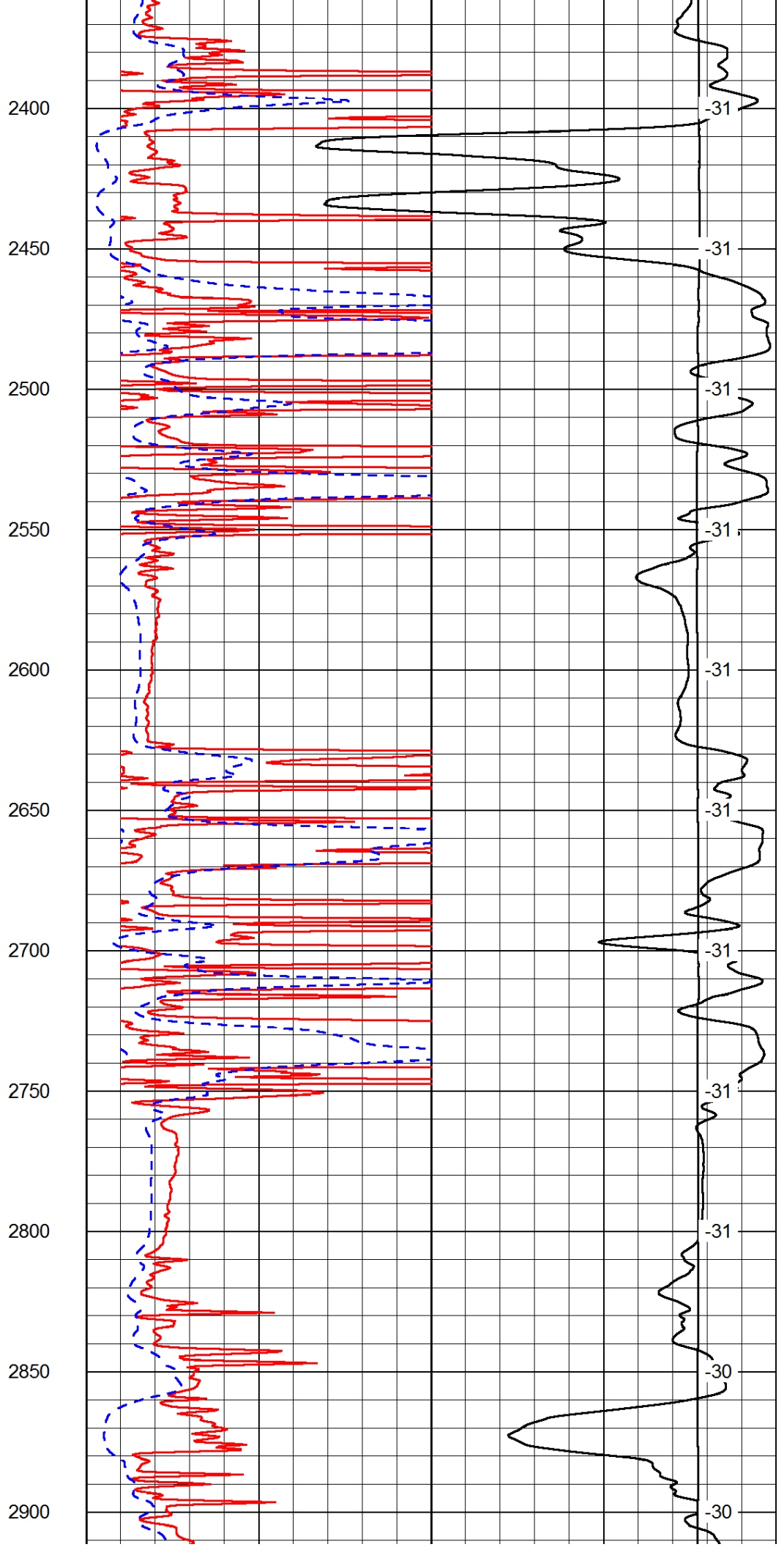
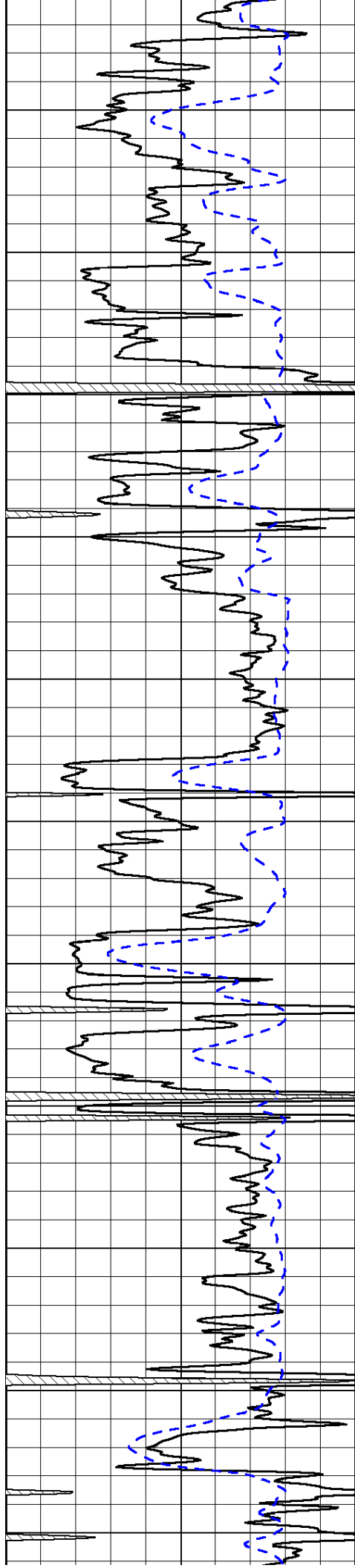
0		Shallow Resistivity	50	LSPD
0		Deep Resistivity	50	
1000		Conductivity		0
15000		Line Tension		0
	50	Shallow Resistivity	500	
	50	Deep Resistivity	500	

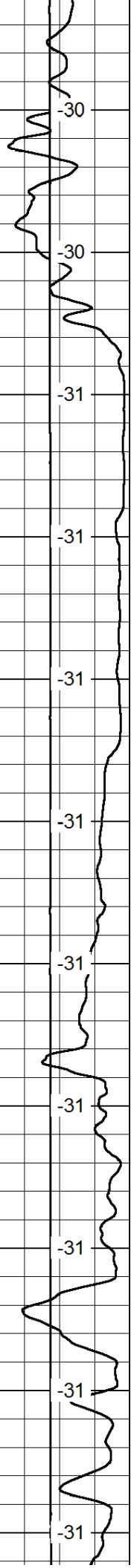
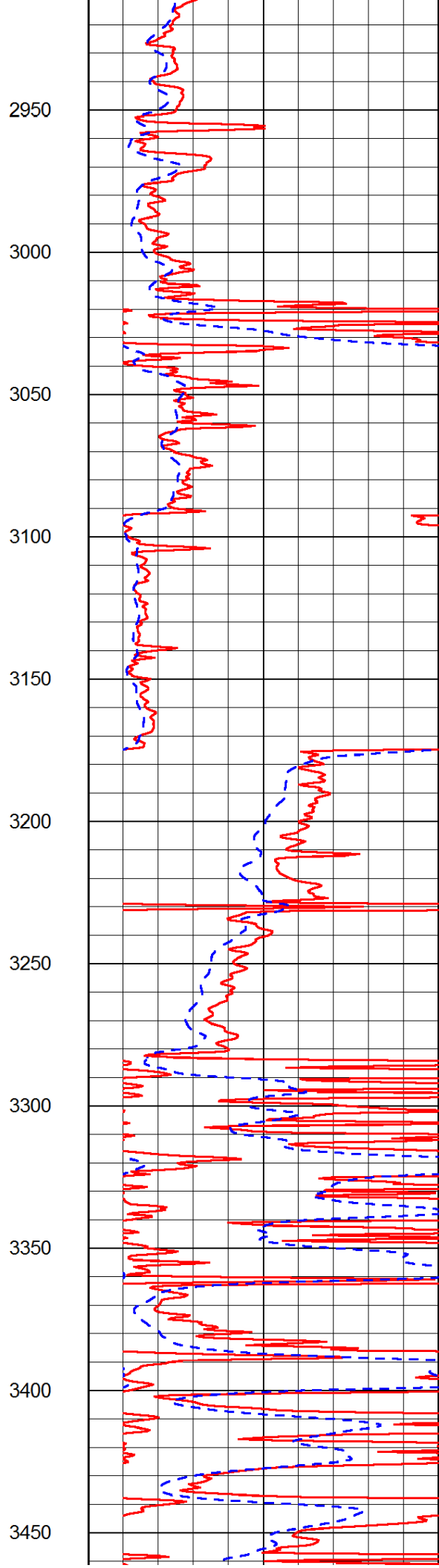
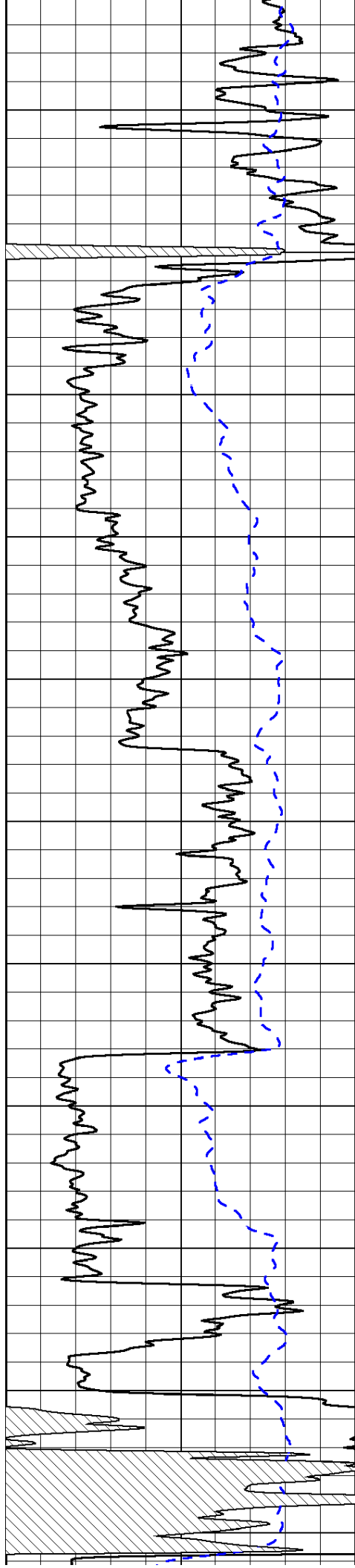


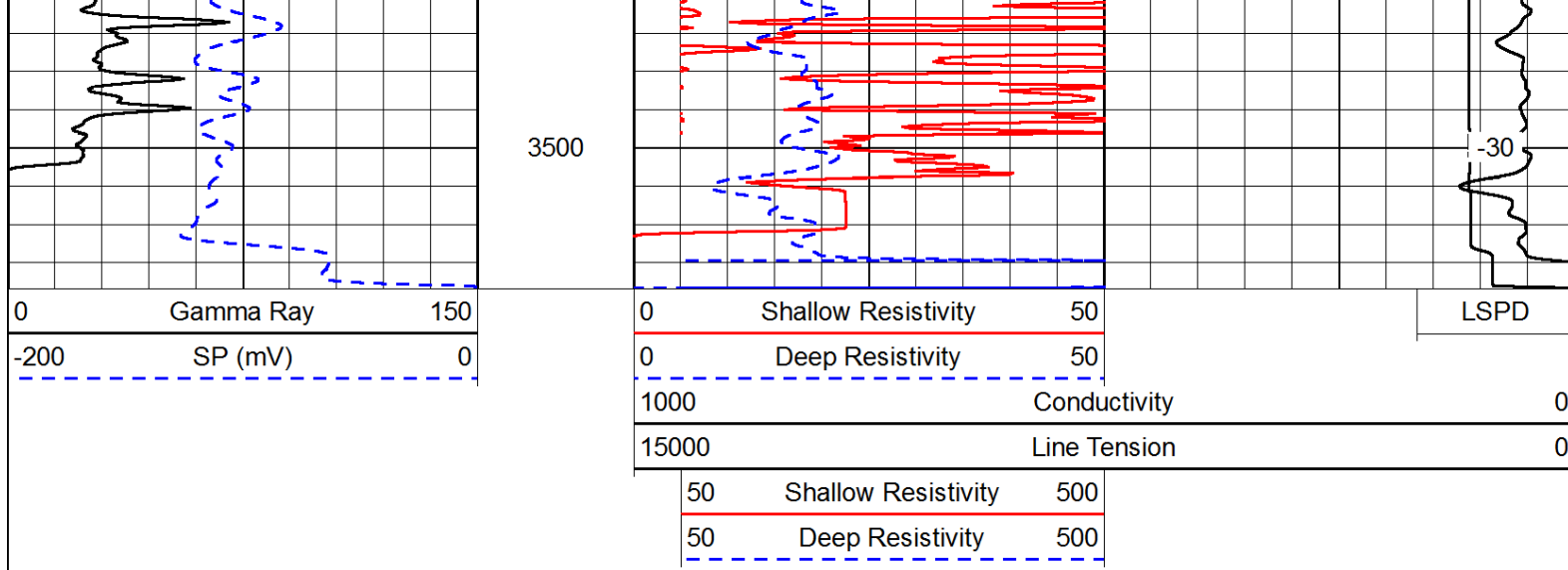




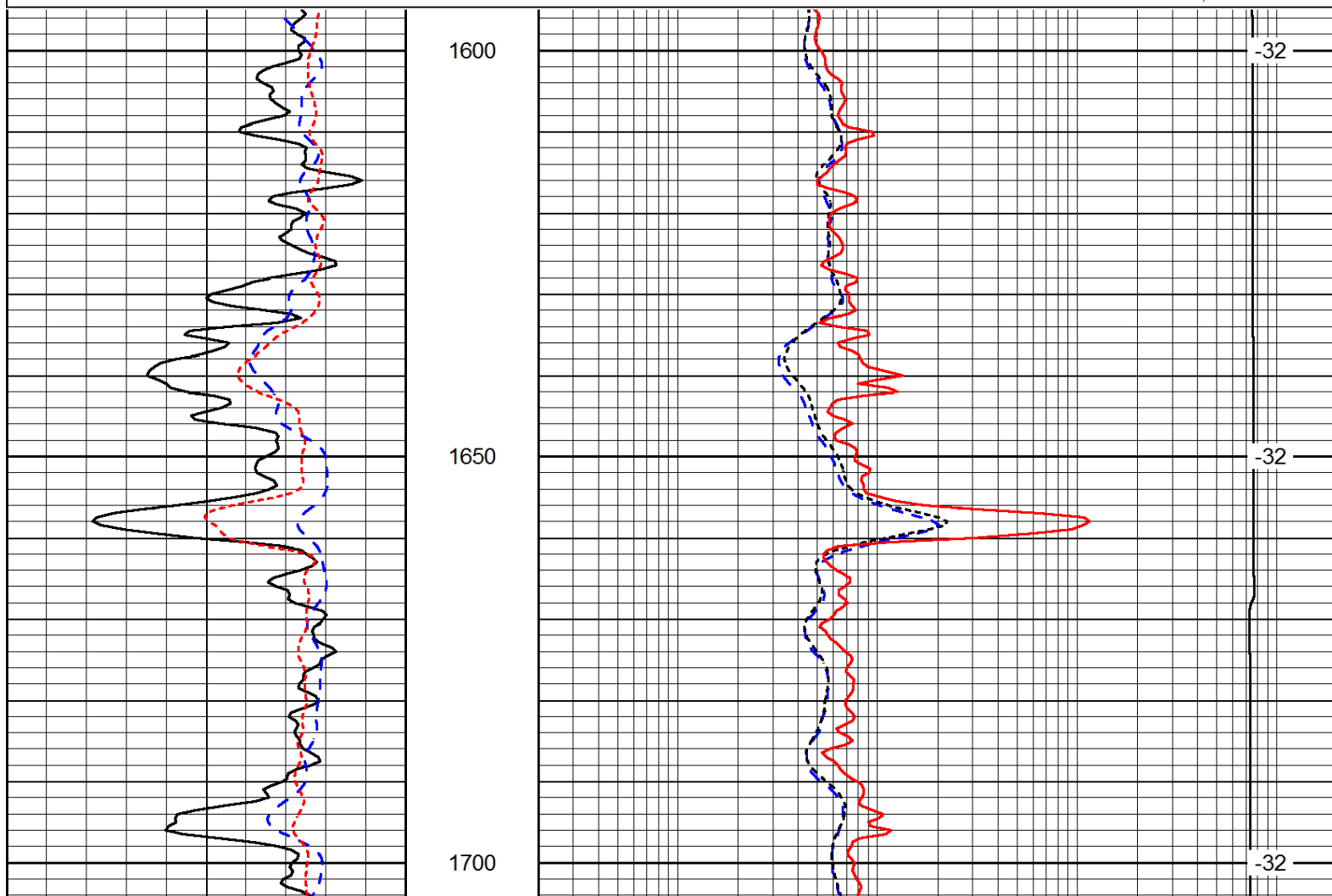
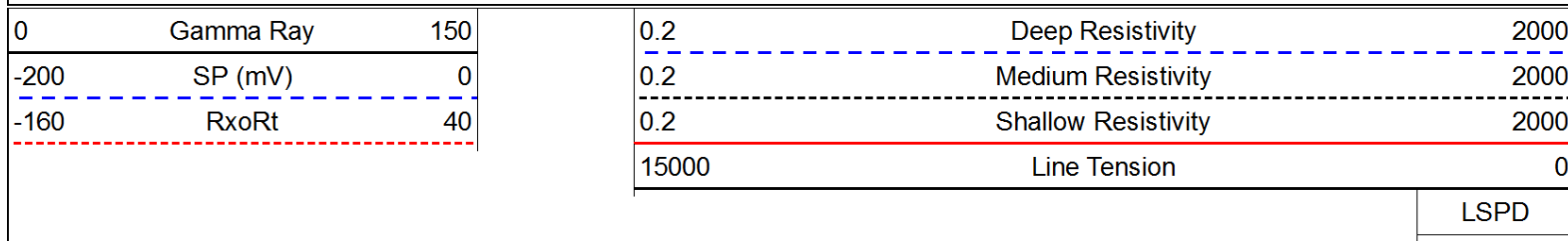


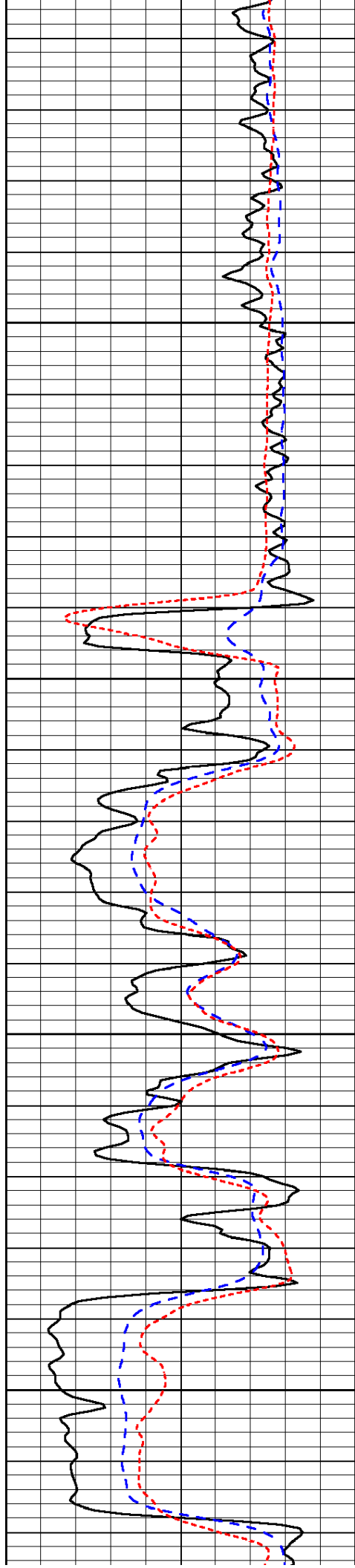






Database File: c:\warrior\data\toto_lil' red kevette #1\toto_lilredkevette_1hd.db
 Dataset Pathname: DIL/totostk
 Presentation Format: dil
 Dataset Creation: Wed May 14 08:56:05 2014
 Charted by: Depth in Feet scaled 1:240



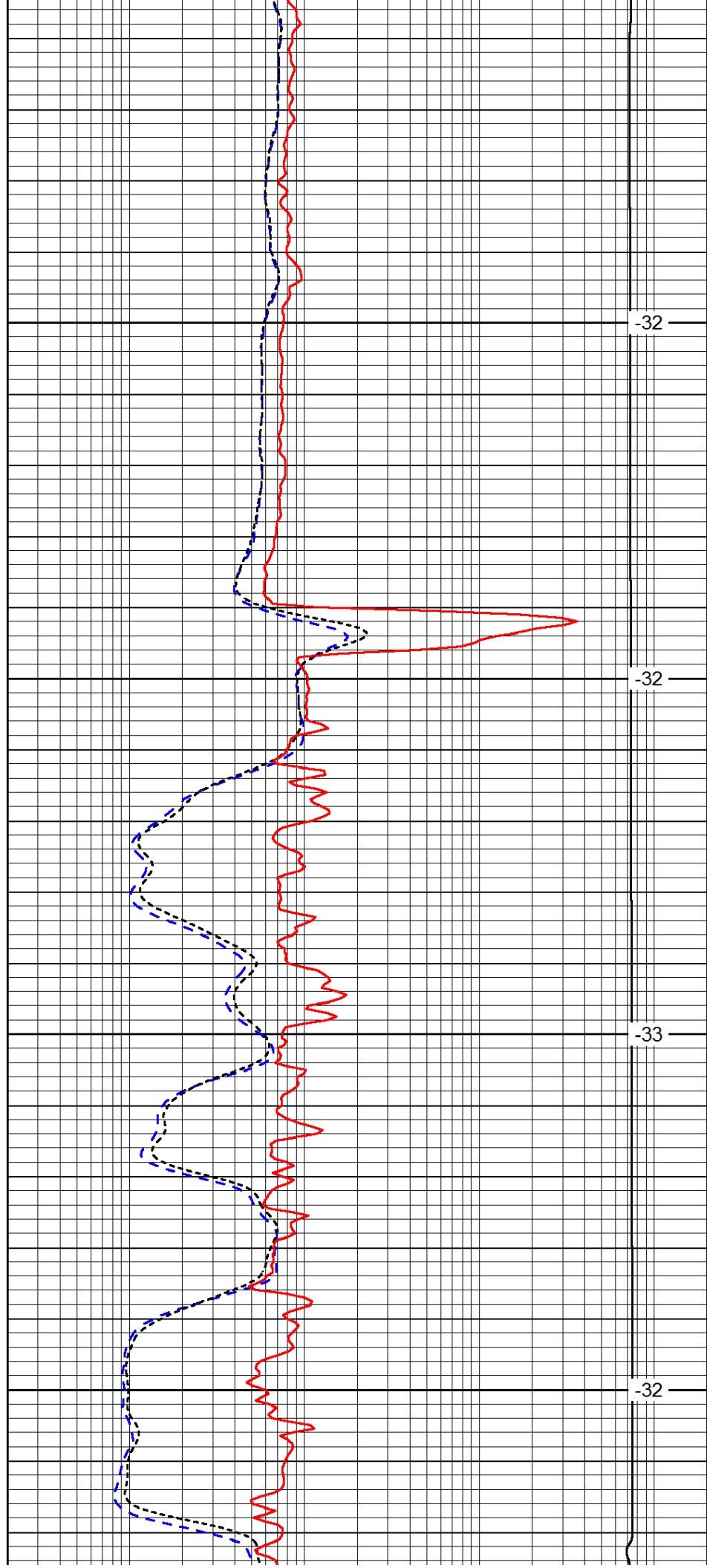


1750

1800

1850

1900

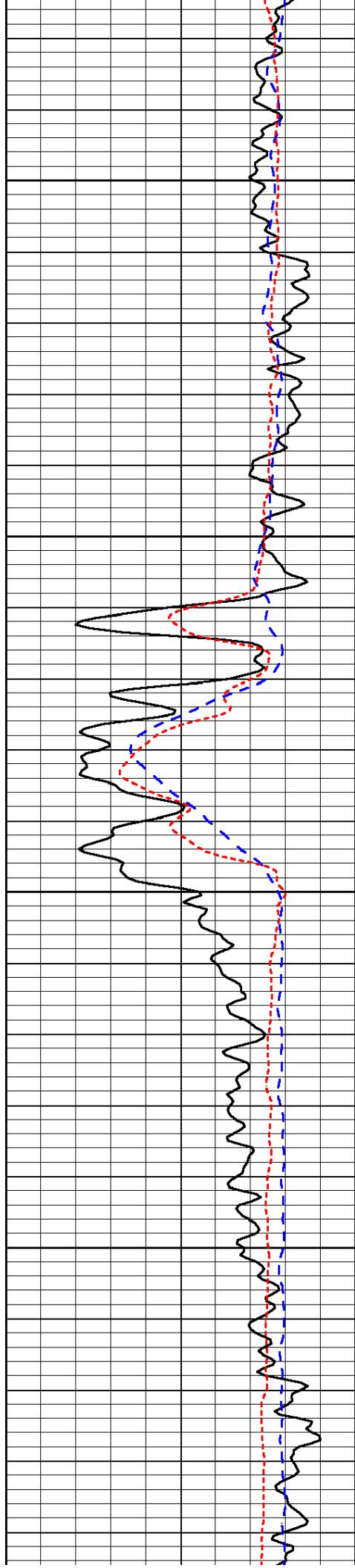


-32

-32

-33

-32

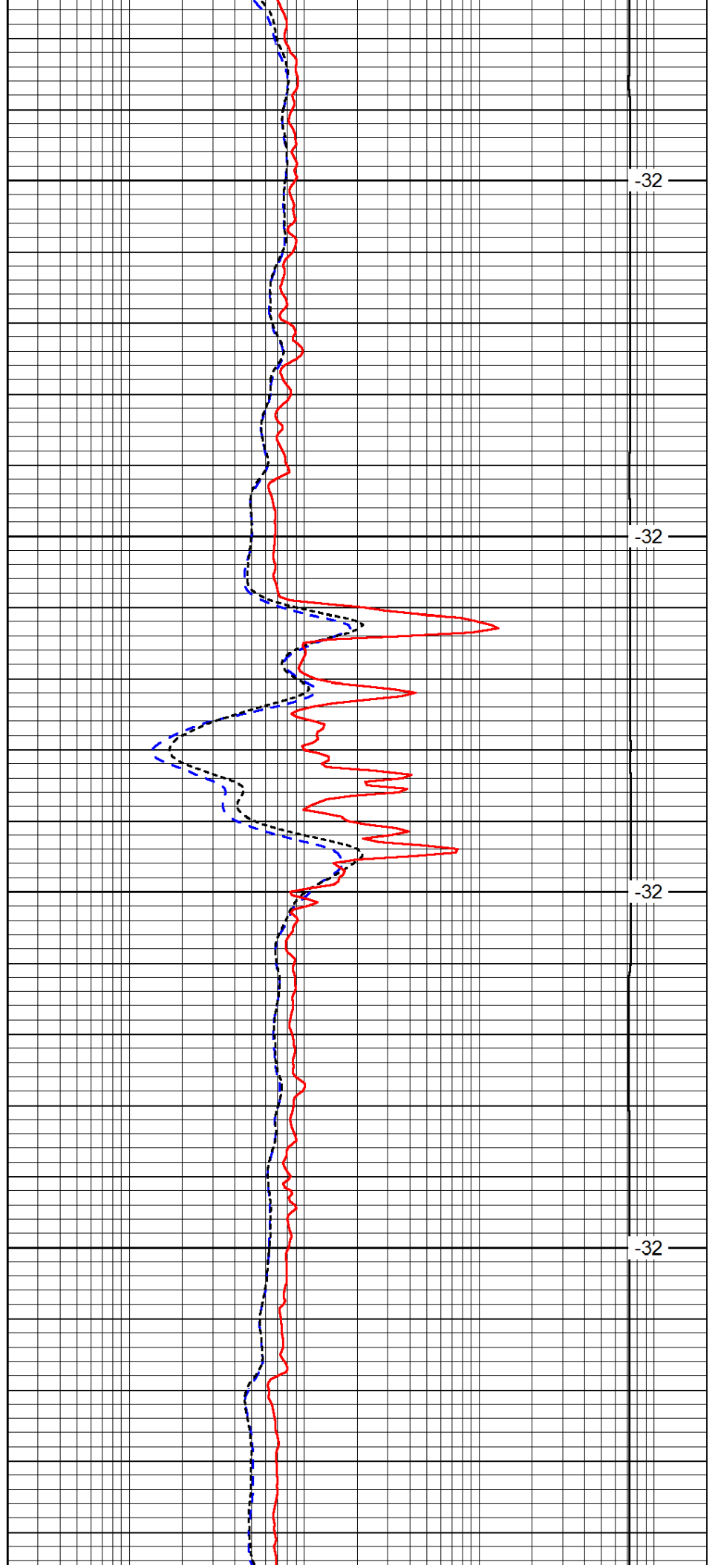


1950

2000

2050

2100

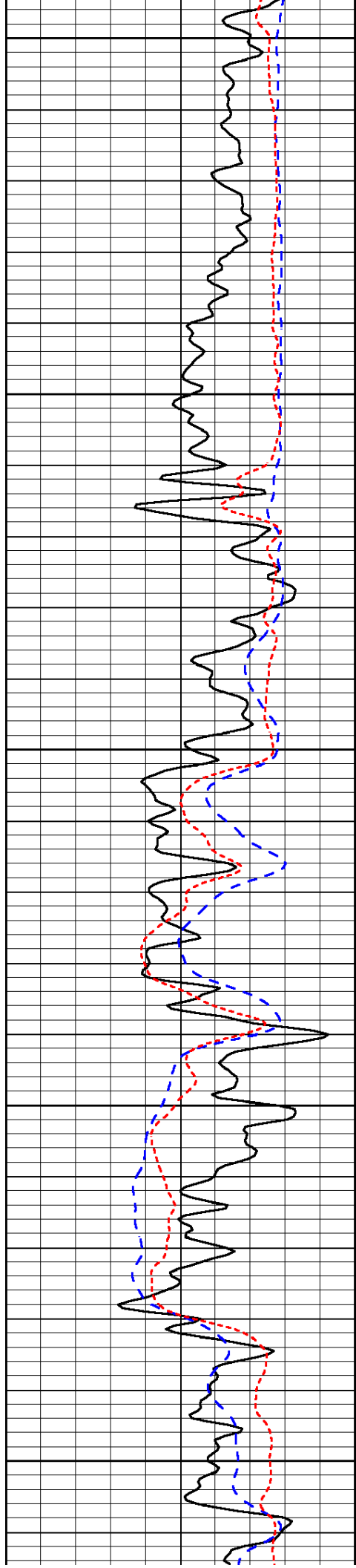


-32

-32

-32

-32



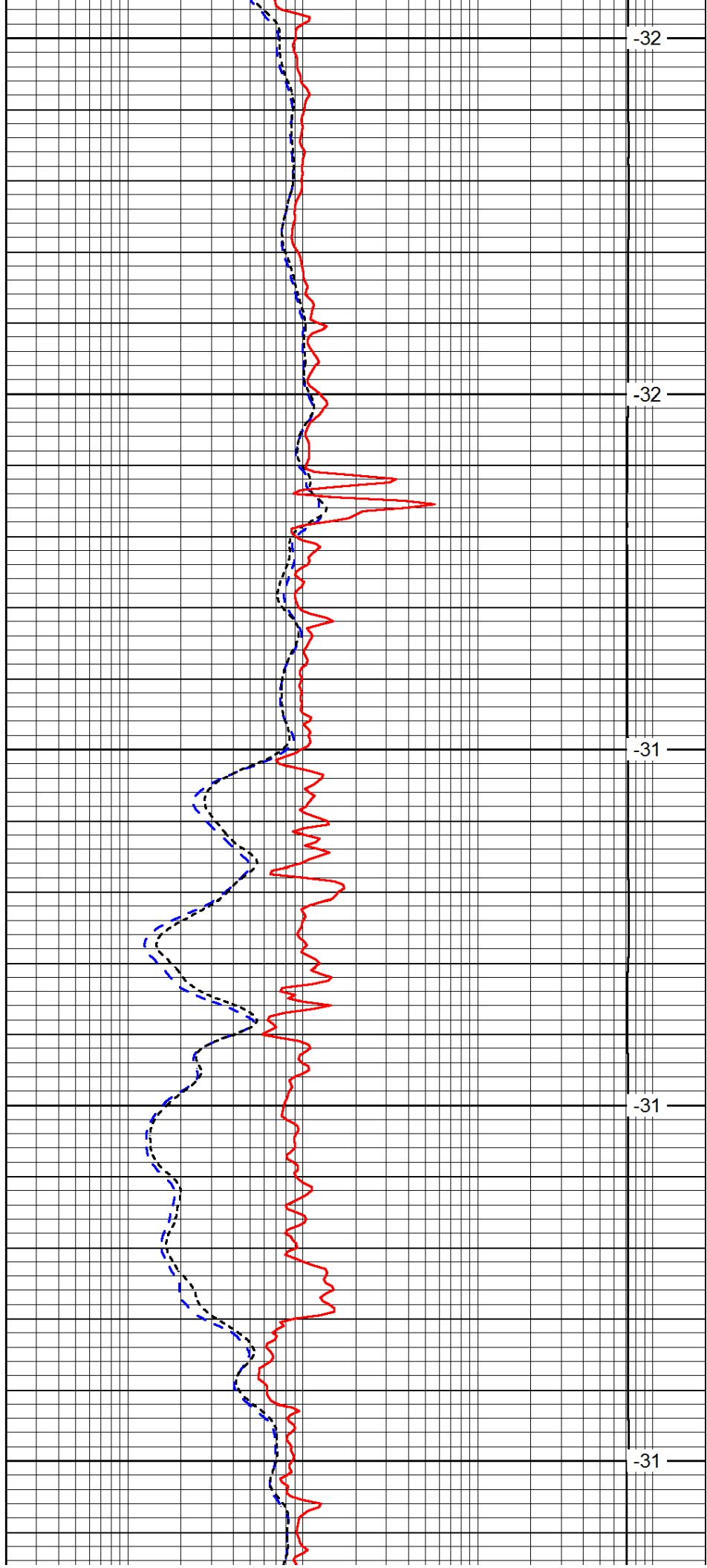
2150

2200

2250

2300

2350



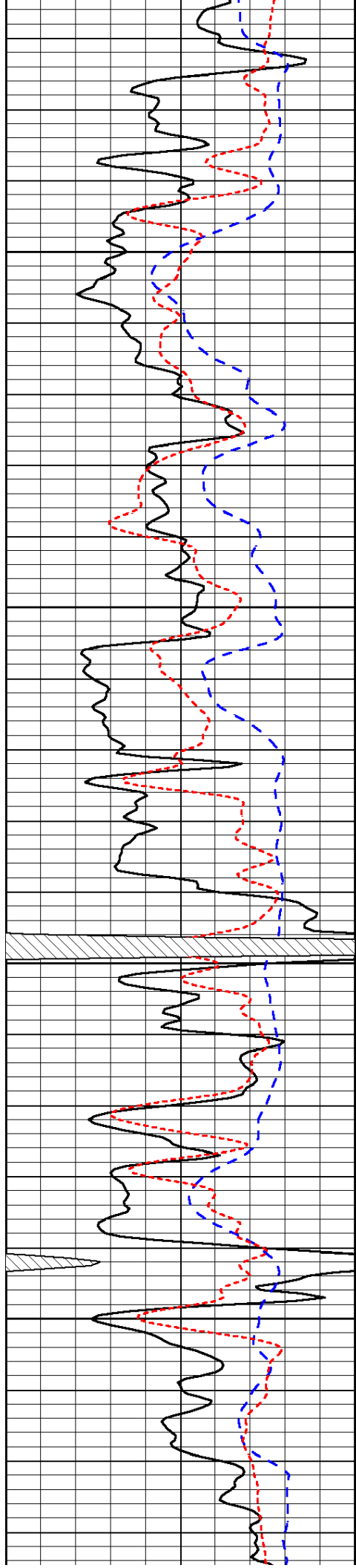
-32

-32

-31

-31

-31

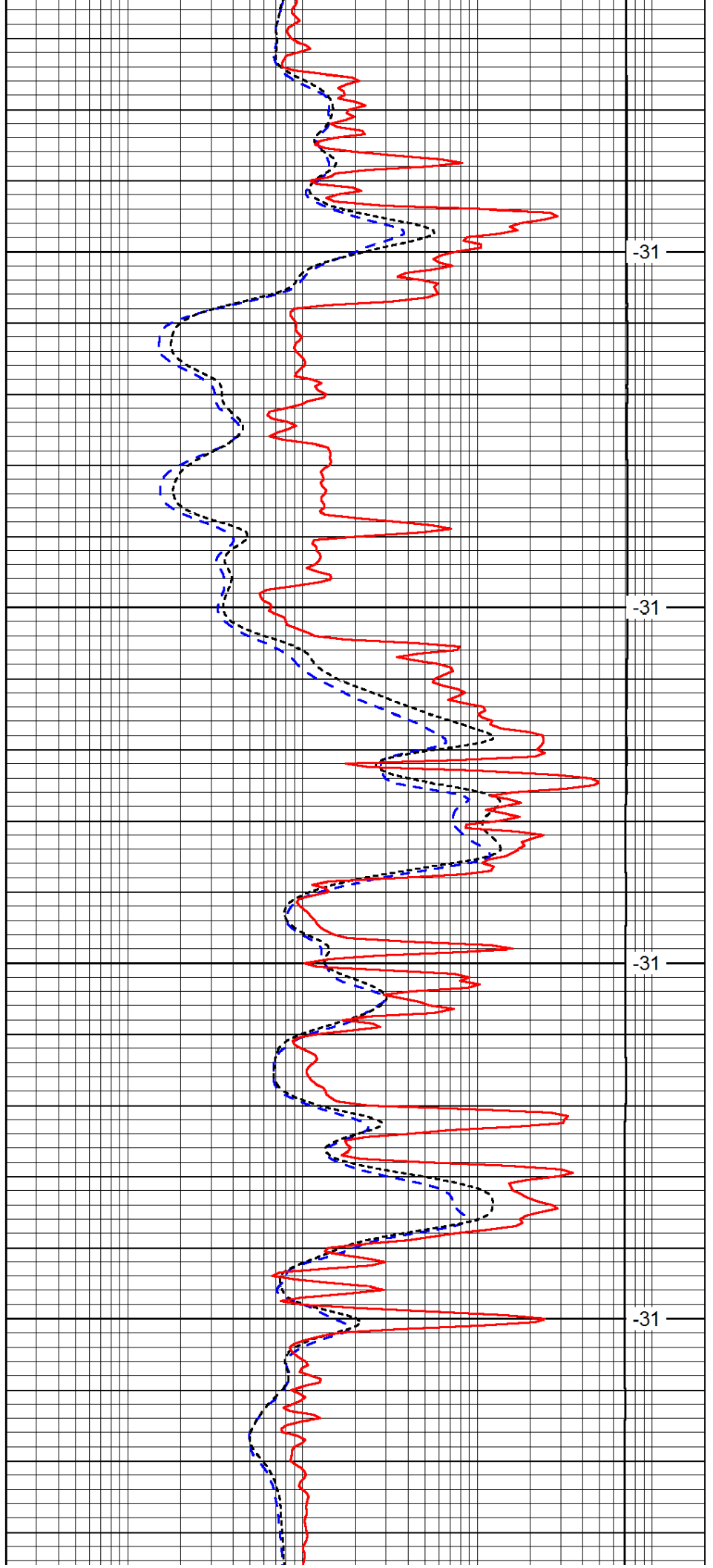


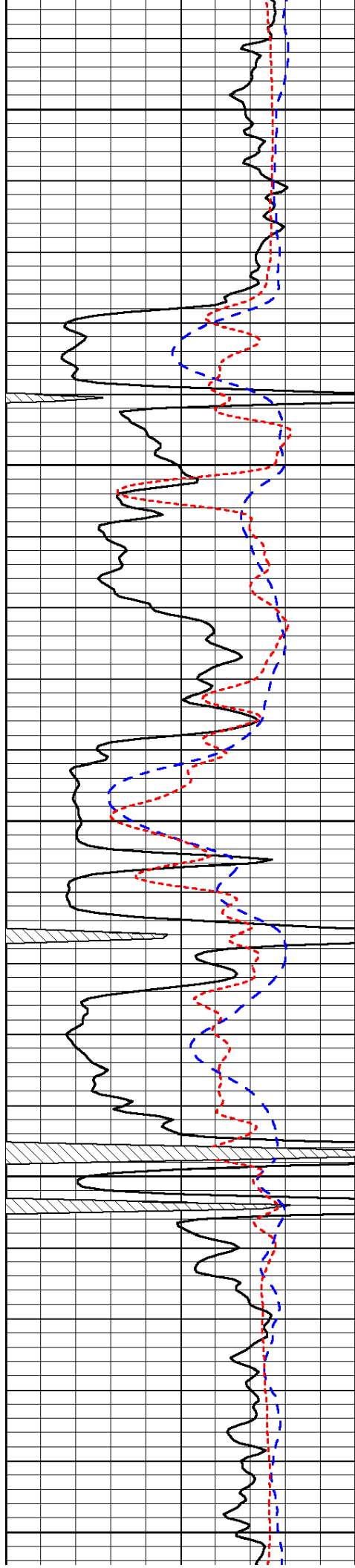
2400

2450

2500

2550





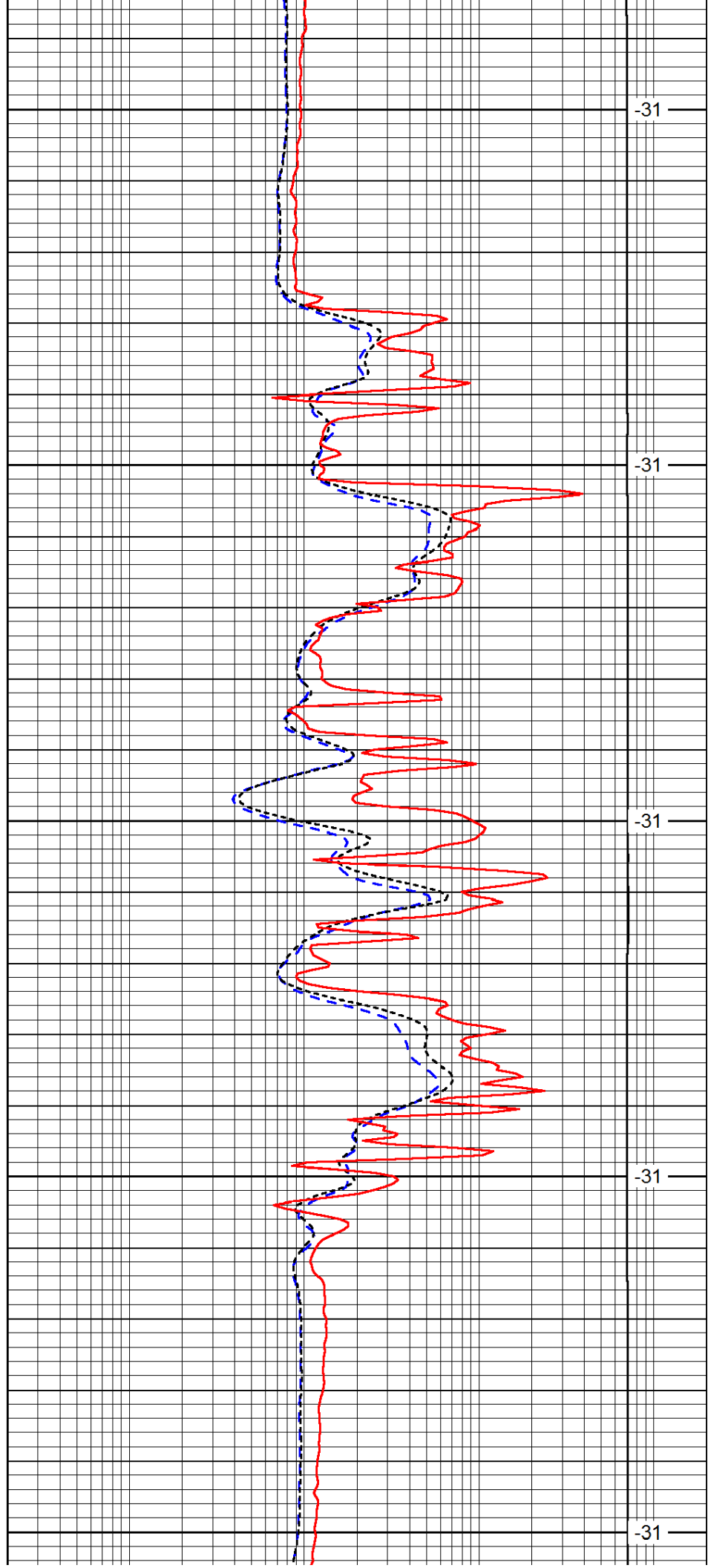
2600

2650

2700

2750

2800



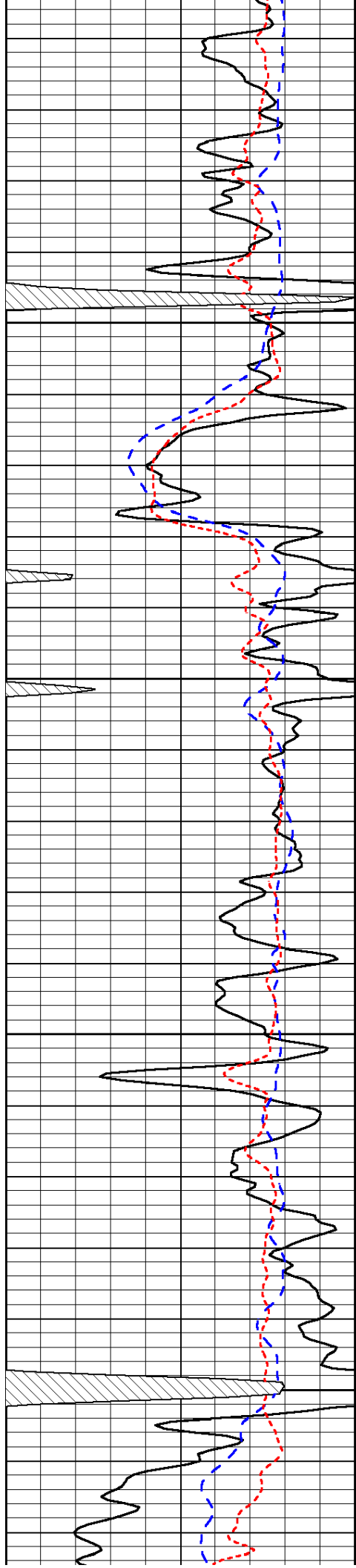
-31

-31

-31

-31

-31

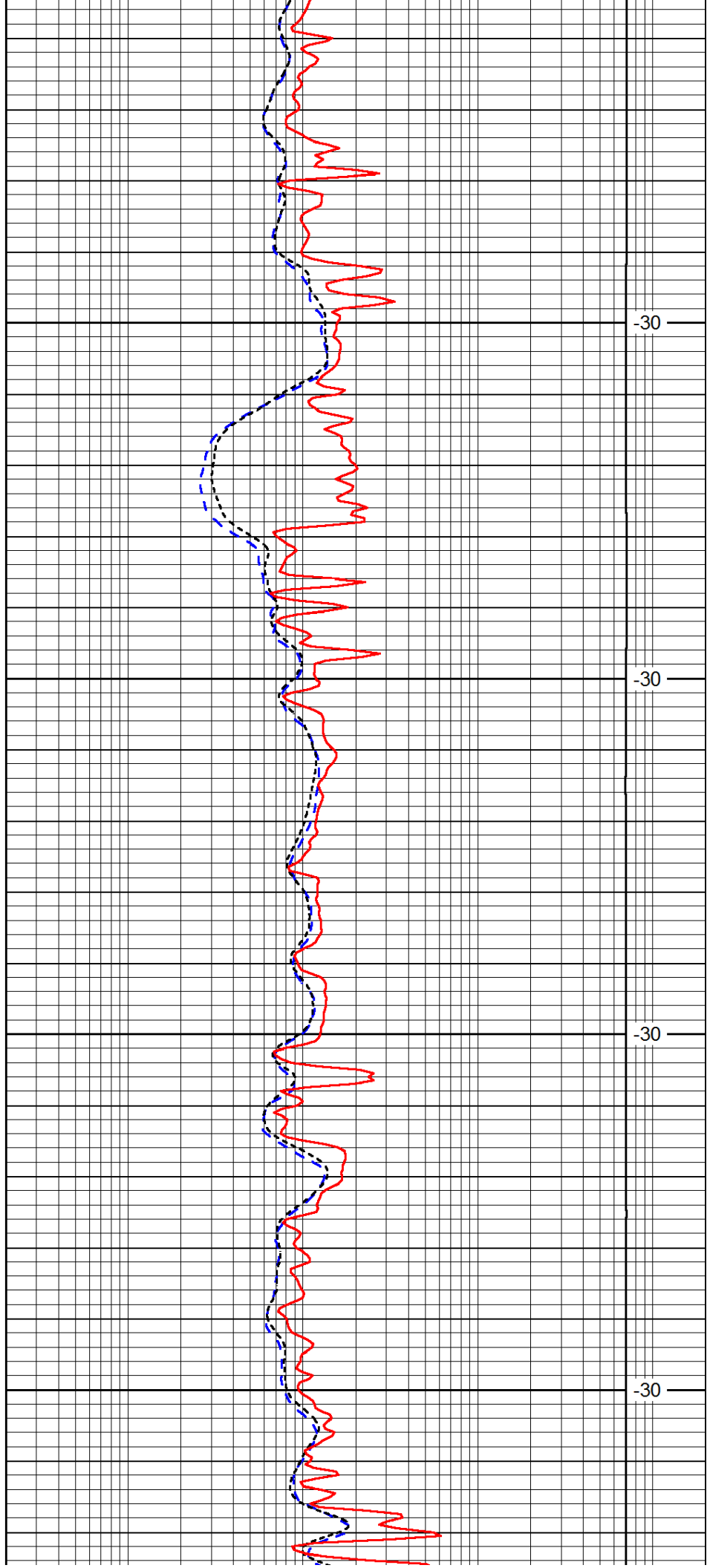


2850

2900

2950

3000

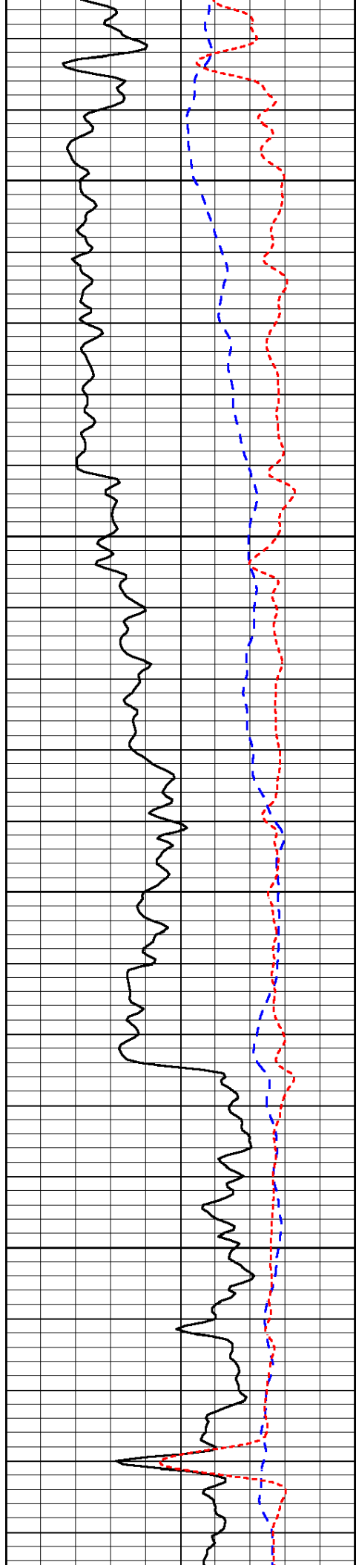


-30

-30

-30

-30

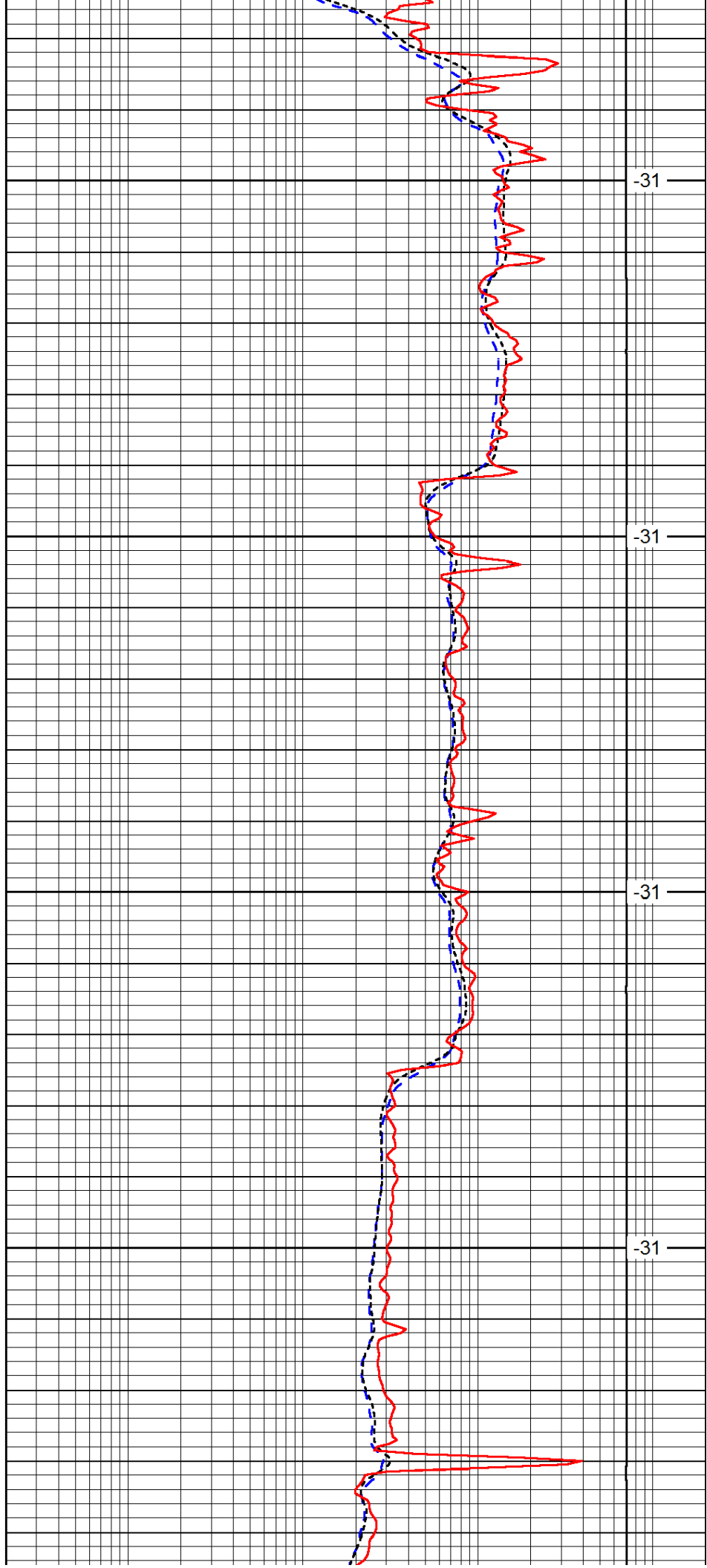


3050

3100

3150

3200

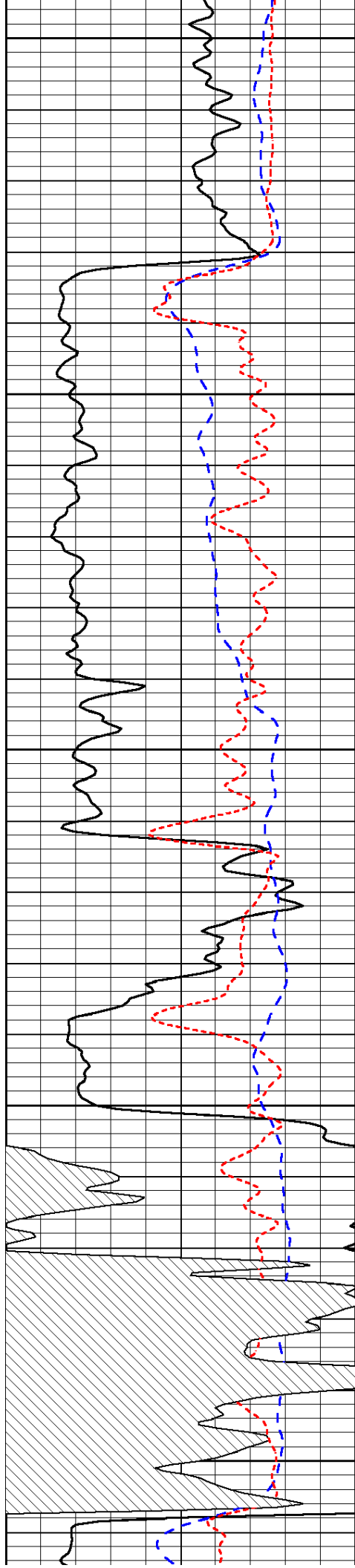


-31

-31

-31

-31



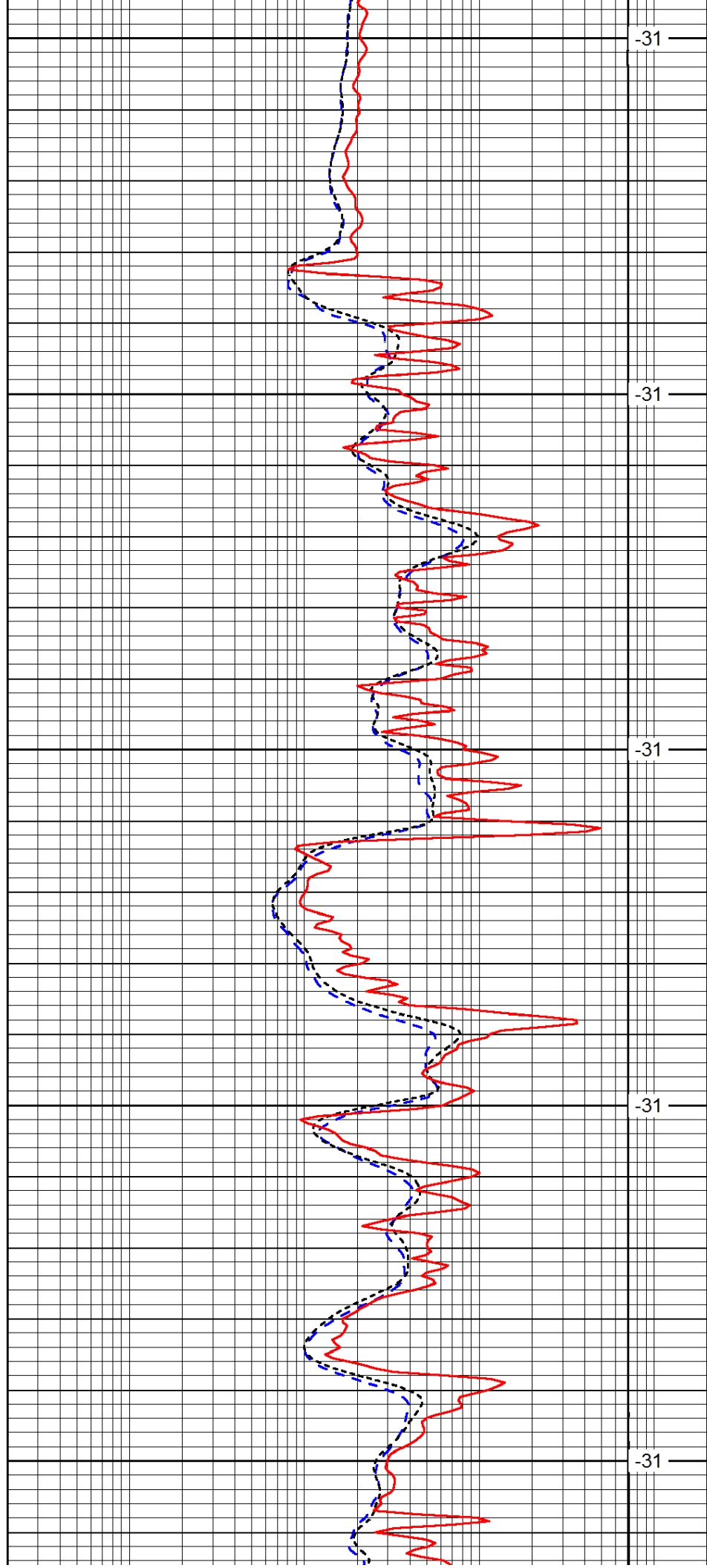
3250

3300

3350

3400

3450



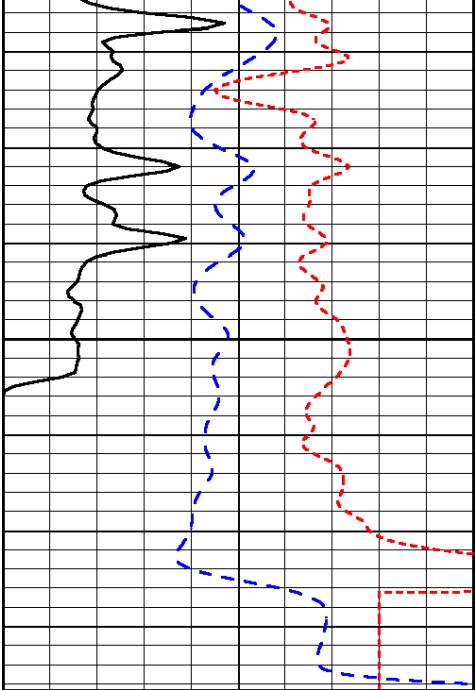
-31

-31

-31

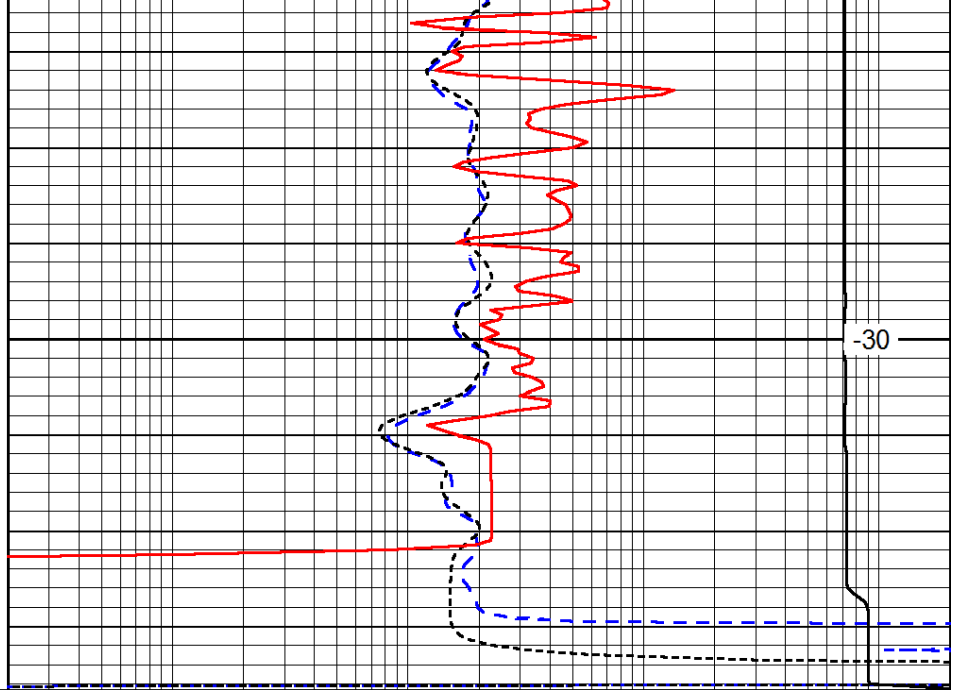
-31

-31



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

3500



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

LSPD