



Dual Induction Log

Pioneer Energy Services

API No.	Company Kirby Krier Oil, Inc.		
	Well Bernard Krier No. 1		
	Field Schepmann		
	County Barton	State	Kansas
	Location	2,300' FSL & 1,400' FEL	
	Sec: 17	Twp: 18S	Rge: 11W
Permanent Datum	Ground Level	Elevation 1807	
Log Measured From	Kelly Bushing	7	Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	Other Services CNL/CDL MEL/BHCS	
		Elevation K.B. 1814 D.F. 1807 G.L. 1807	
Date	4/20/2013		
Run Number	One		
Depth Driller	3475		
Depth Logger	3470		
Bottom Logged Interval	3469		
Top Log Interval	250		
Casing Driller	8.625 @ 296		
Casing Logger	291		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	6000		
Density / Viscosity	9.2 @ 68		
pH / Fluid Loss	8.5 @ 8.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	.30 @ 58		
Rmf @ Meas. Temp	.23 @ 58		
Rmc @ Meas. Temp	.41 @ 58		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.16 @ 111		
Operating Rig Time	4 1/2 Hours		
Max Rec. Temp. F	111		
Equipment Number	108		
Location	Hays		
Recorded By	J. Long		
Witnessed By	Kurt Talbott		

<<< 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

Claflin, 1 1/2 South to Highway 156, 1 1/2 Southwest, North Into

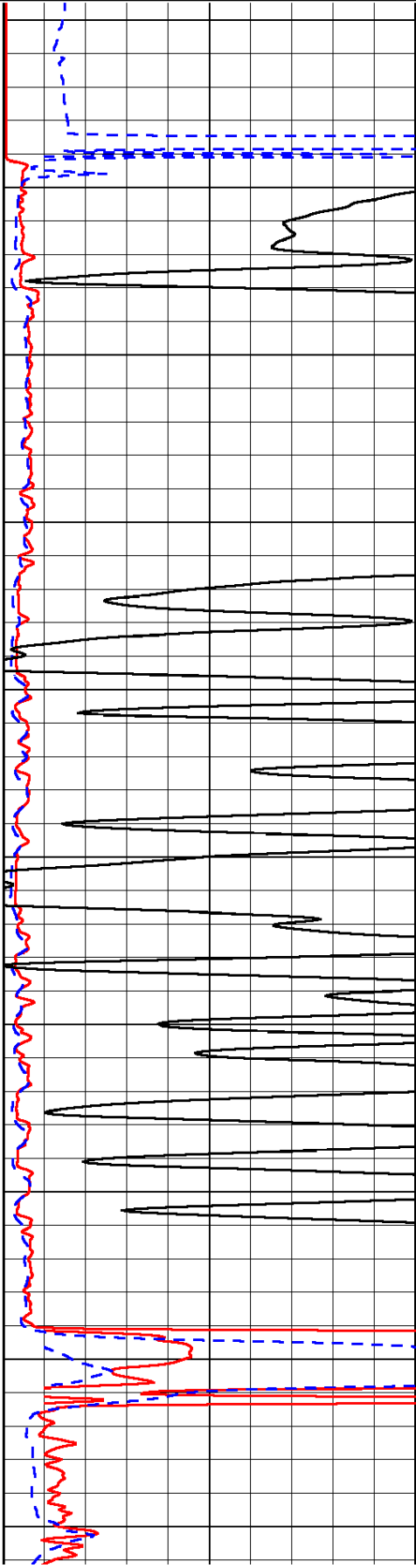
Database File: c:\warrior\data\kirby krier_bernard krier #1\kirbykrier_bernardkrier_1hd.db
Dataset Pathname: dil\kirbstck
Presentation Format: dil2in
Dataset Creation: Sat Apr 20 10:52:32 2013
Charted by: Depth in Feet scaled 1:600

Charted by: Depth in Feet scaled 1:600

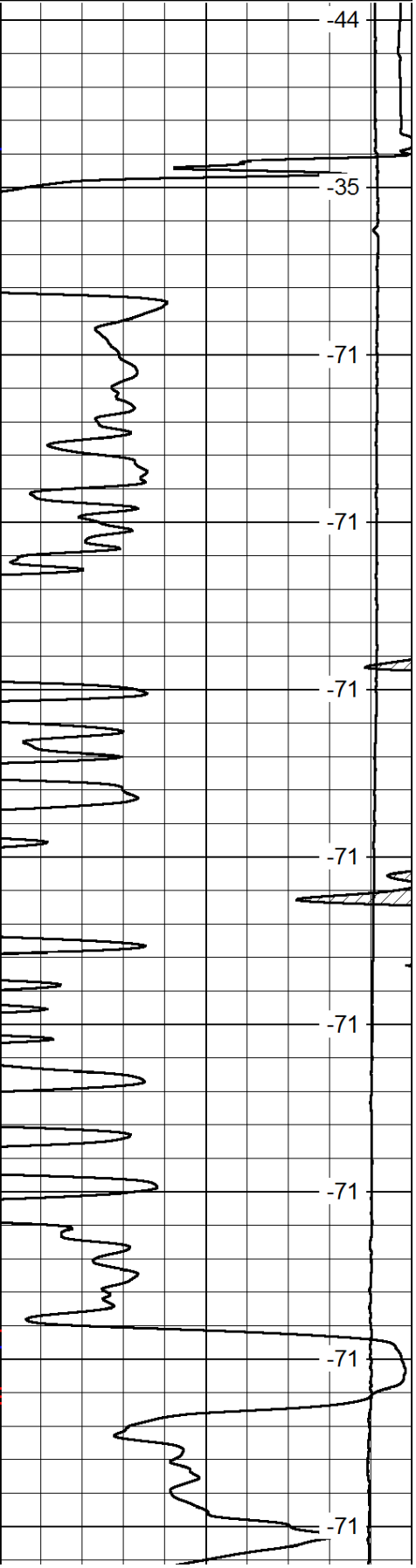
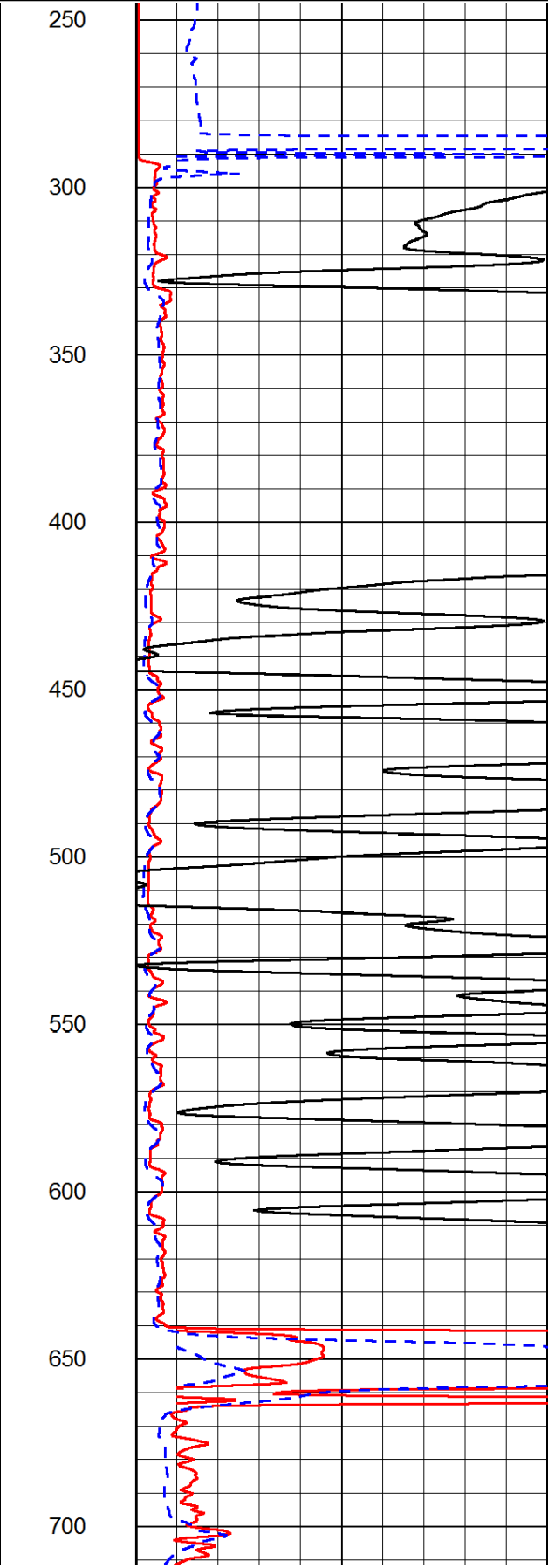
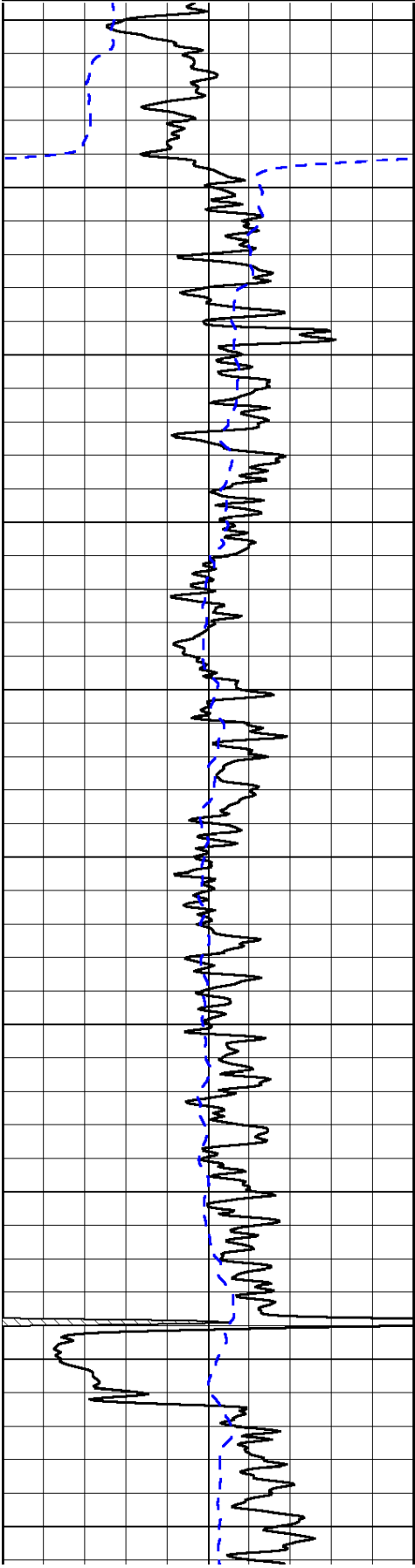
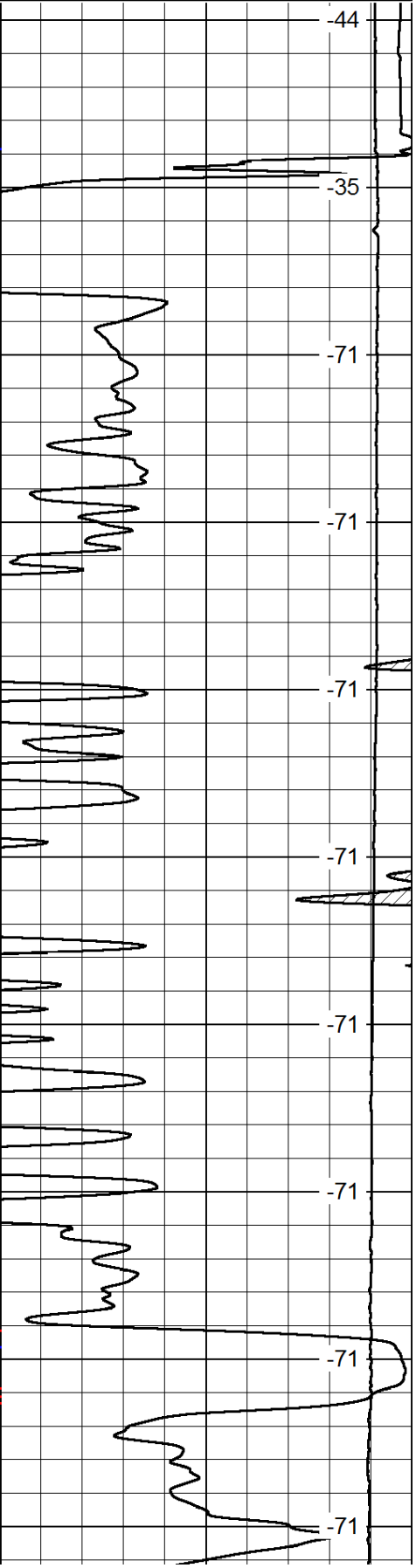
0	Gamma Ray	150
-200	SP (mV)	0

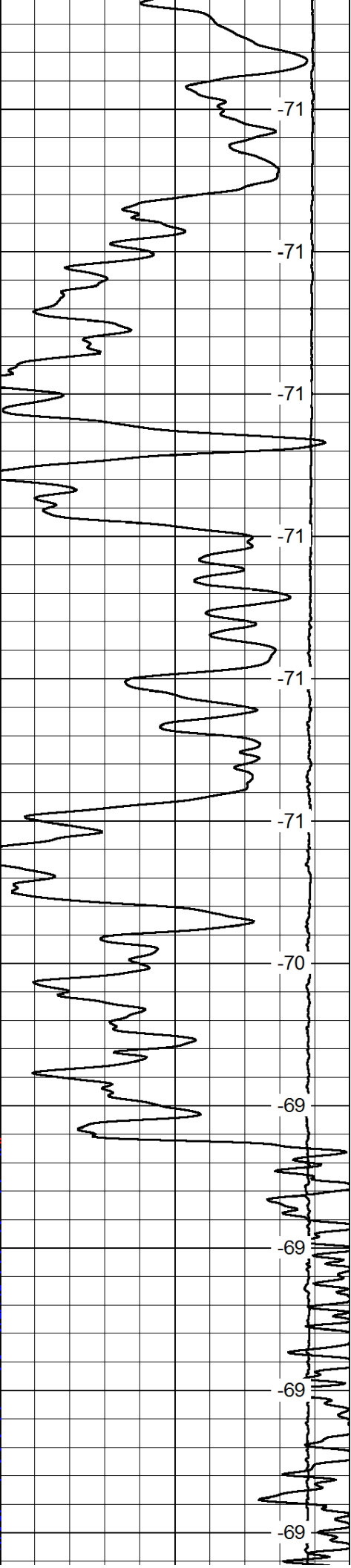
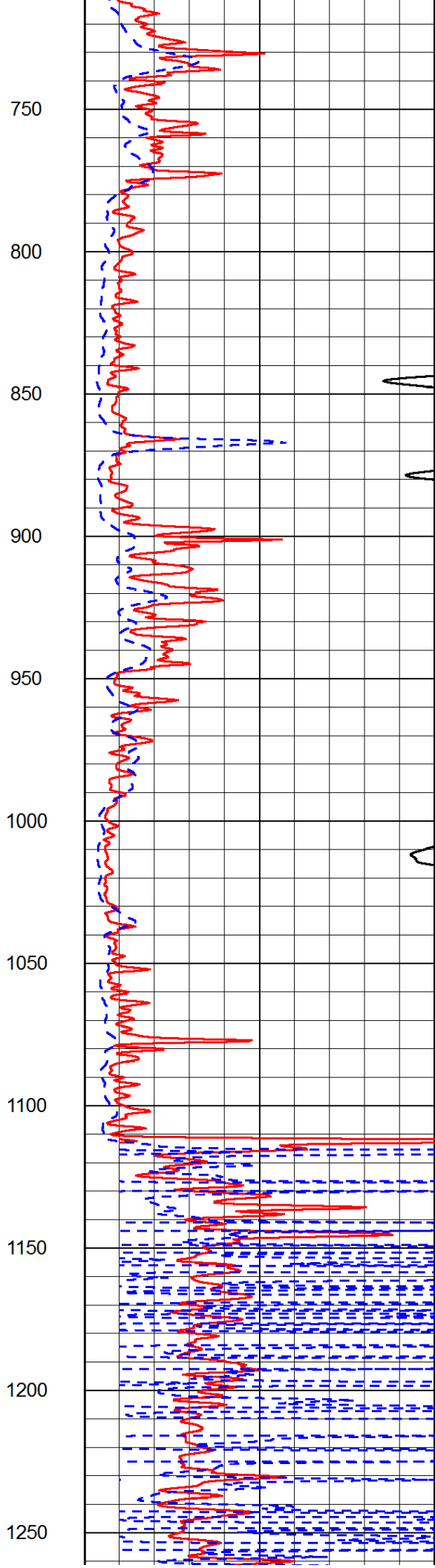
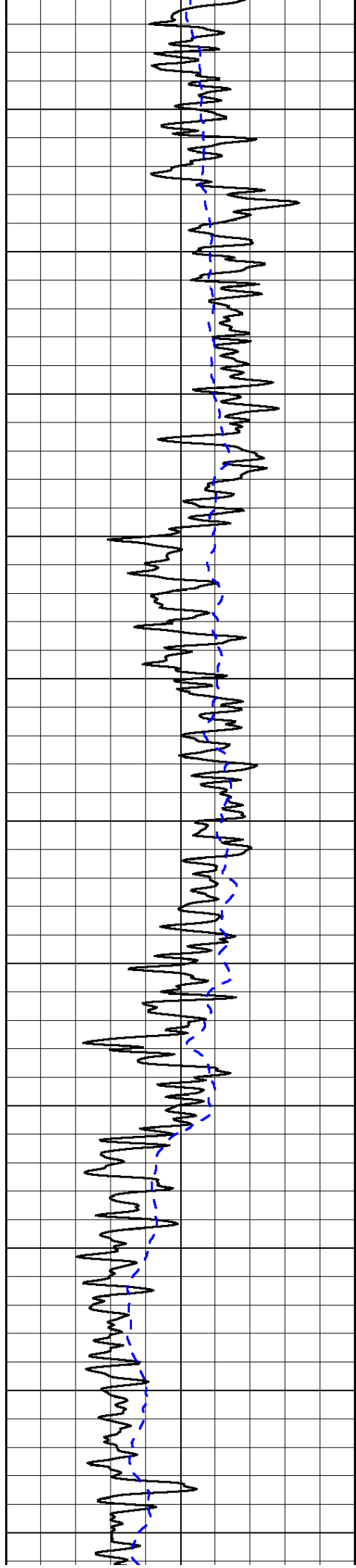


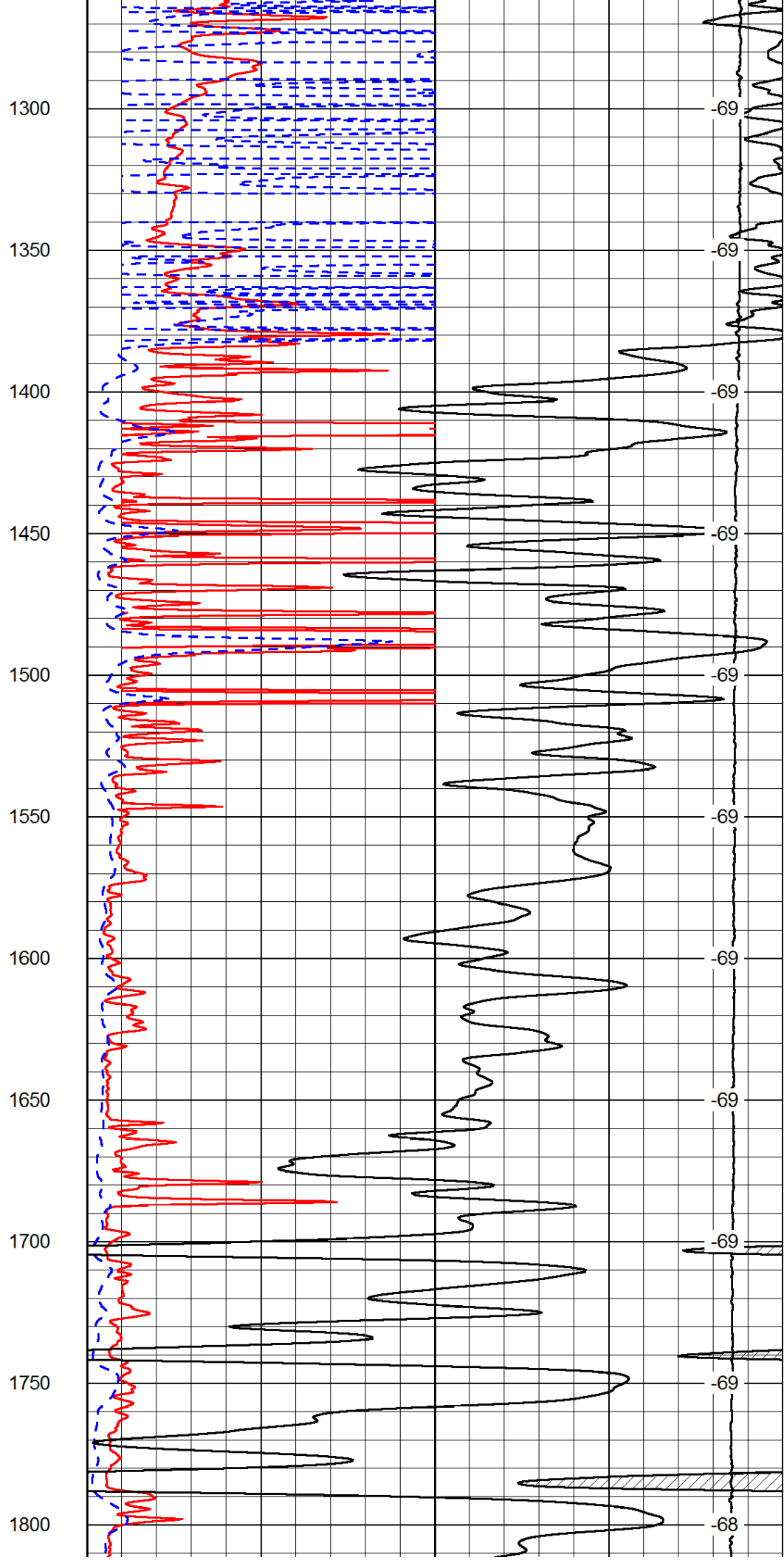
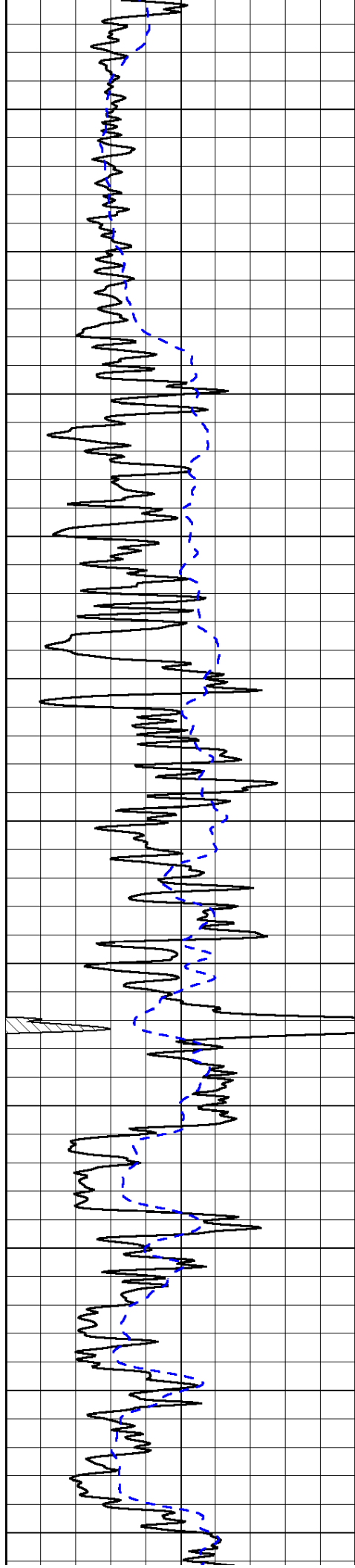
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

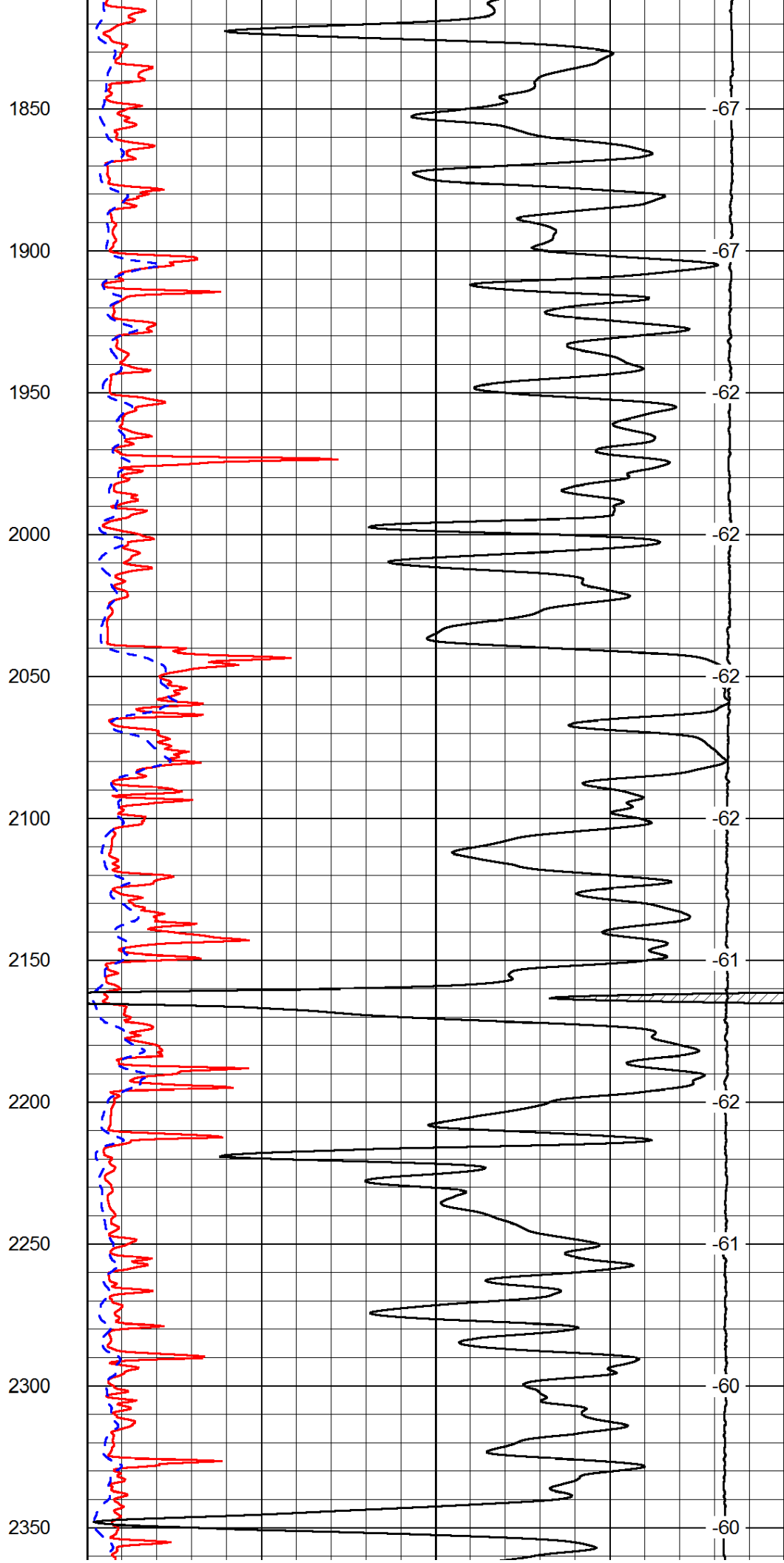
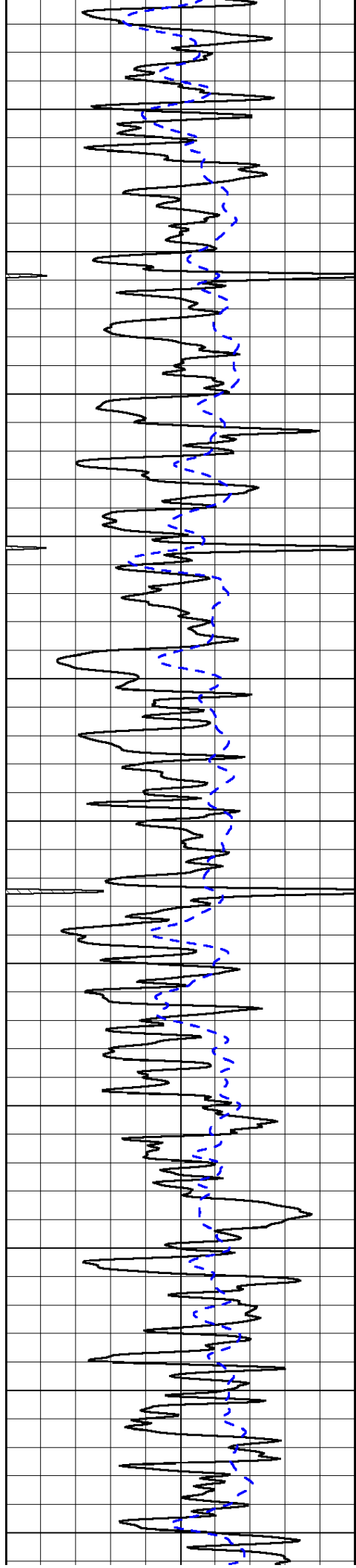


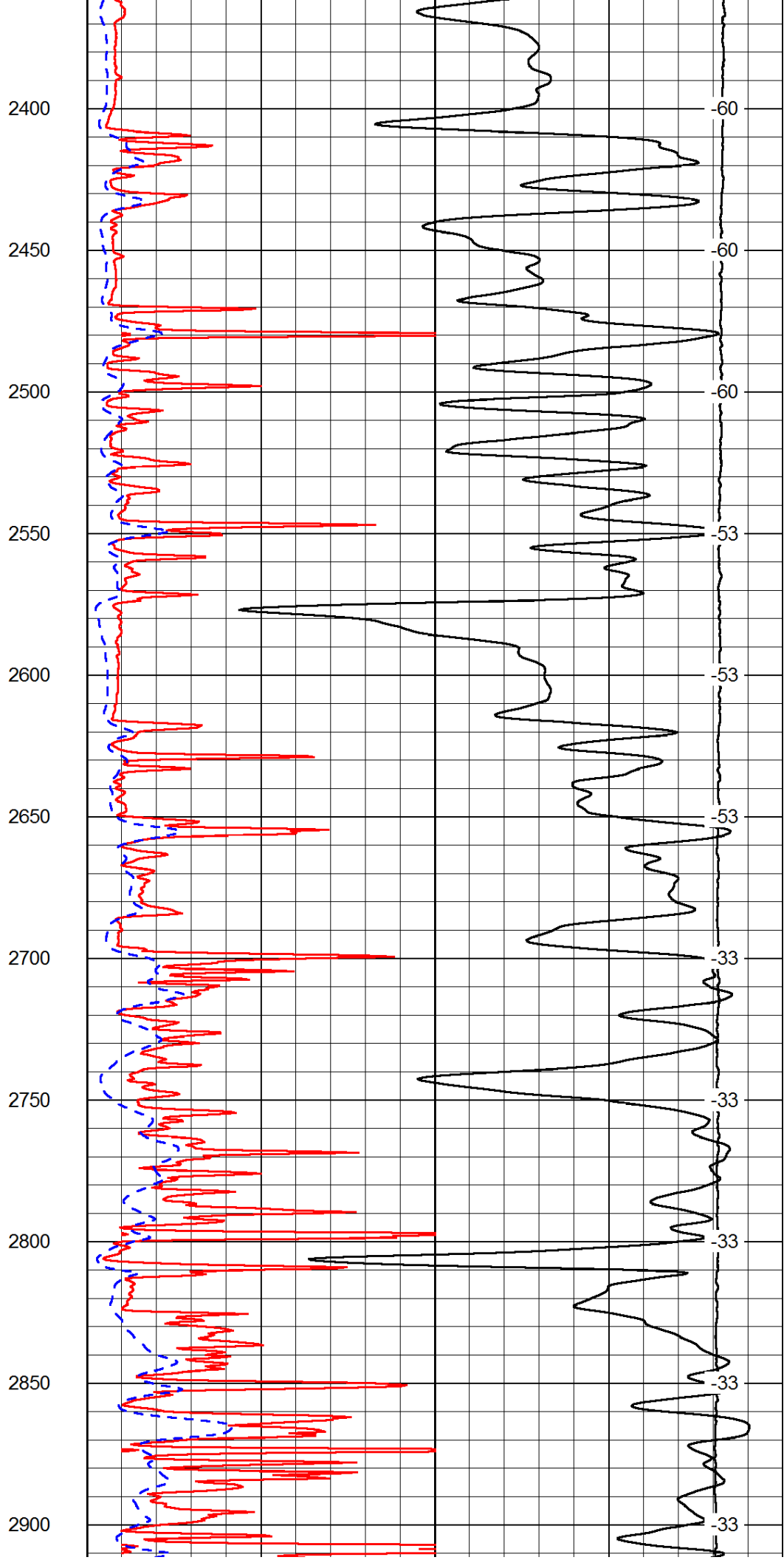
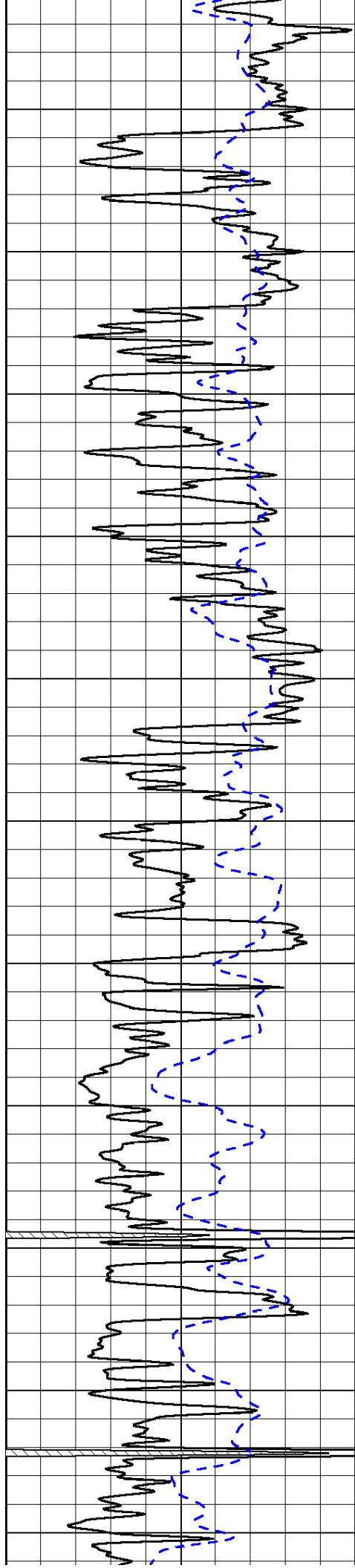
LSPD	0
------	---

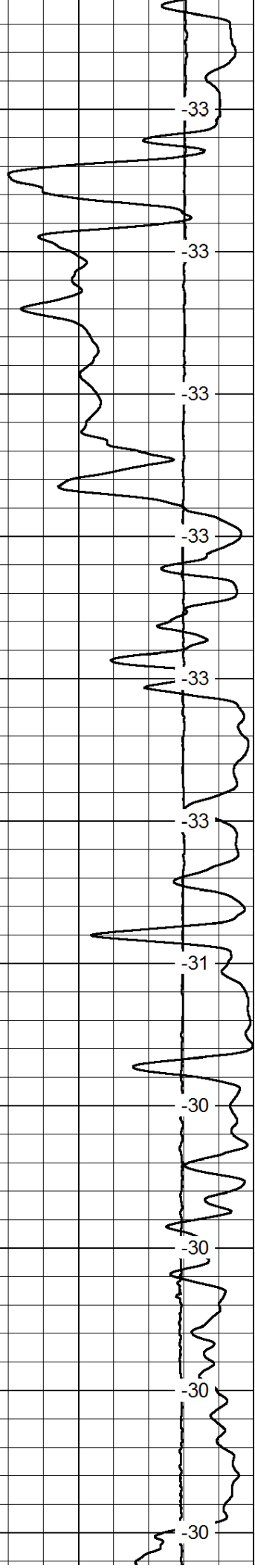
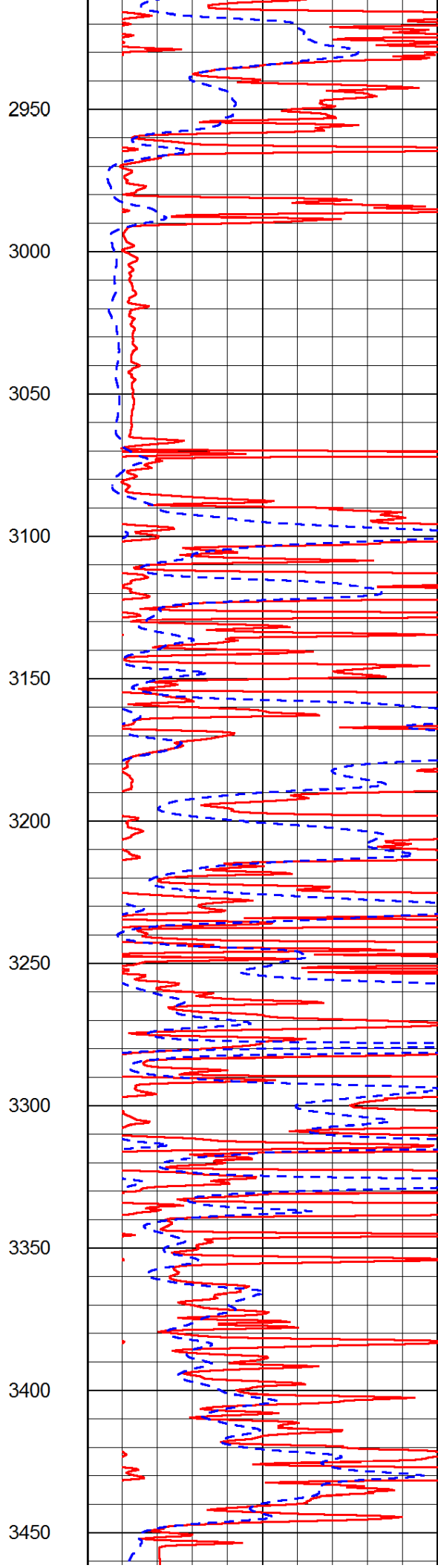
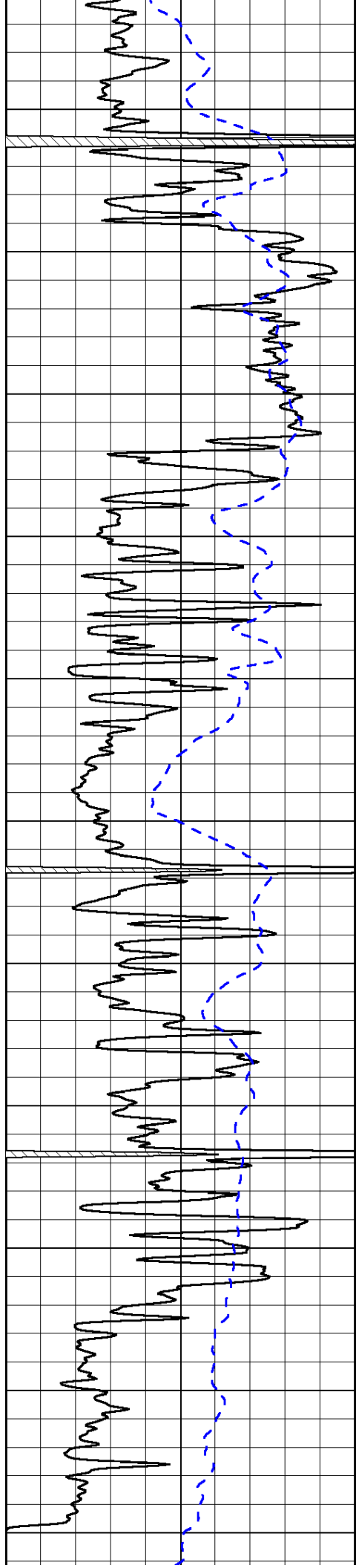


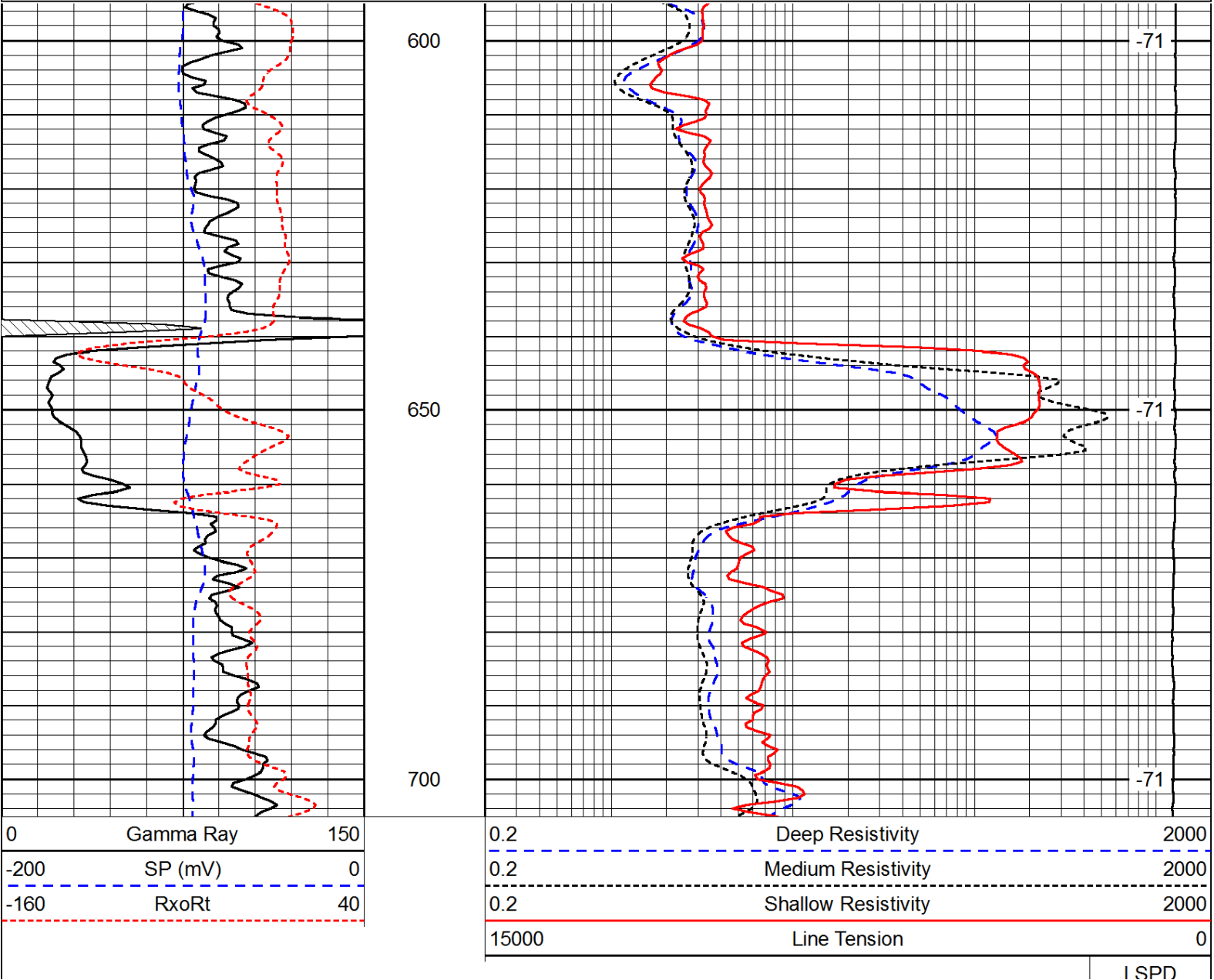
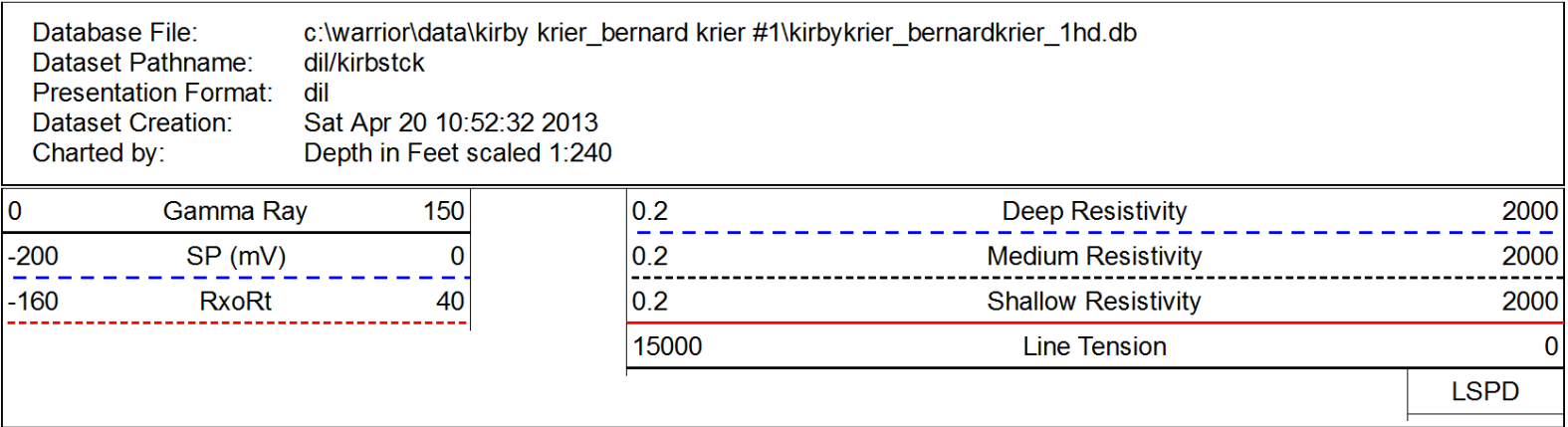
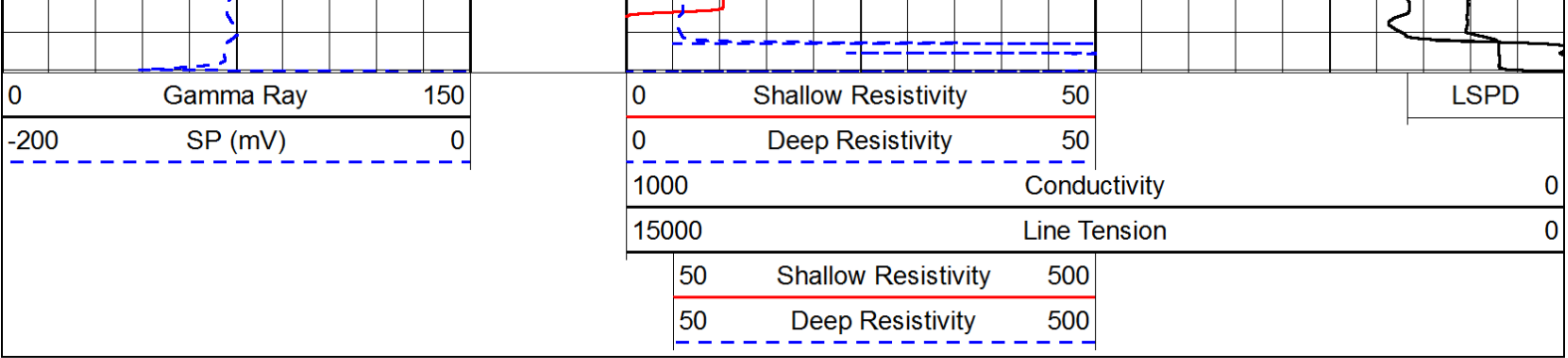










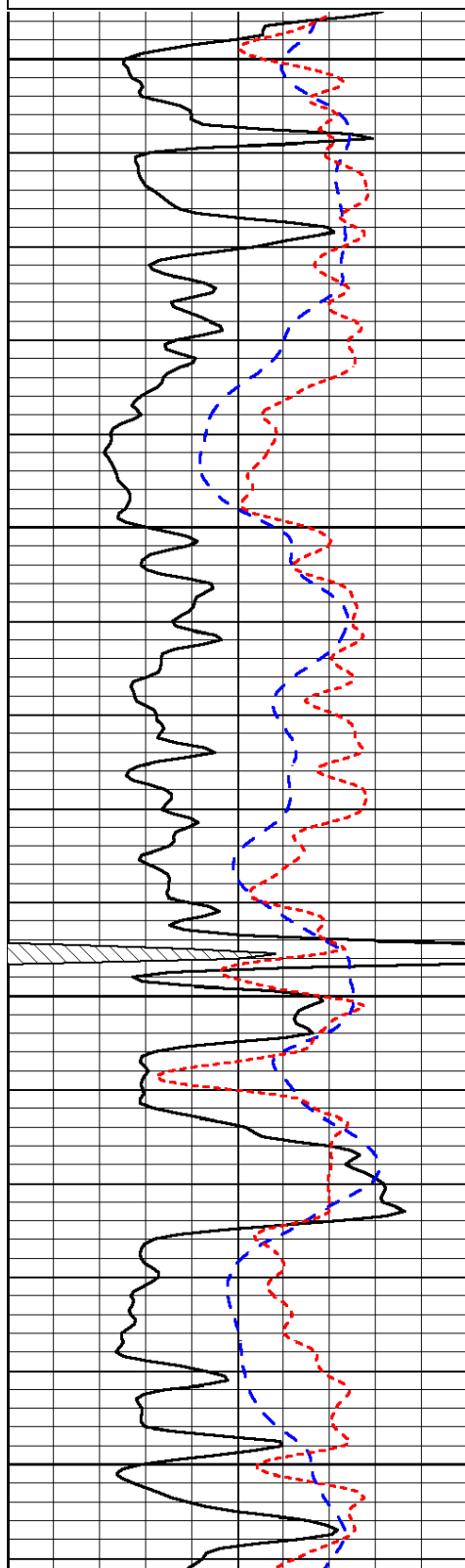


Database File: c:\warrior\data\kirby krier_bernard krier #1\kirbykrier_bernardkrier_1hd.db
 Dataset Pathname: dil/kirbstck
 Presentation Format: dil
 Dataset Creation: Sat Apr 20 10:52:32 2013
 Charted by: Depth in Feet scaled 1:240

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

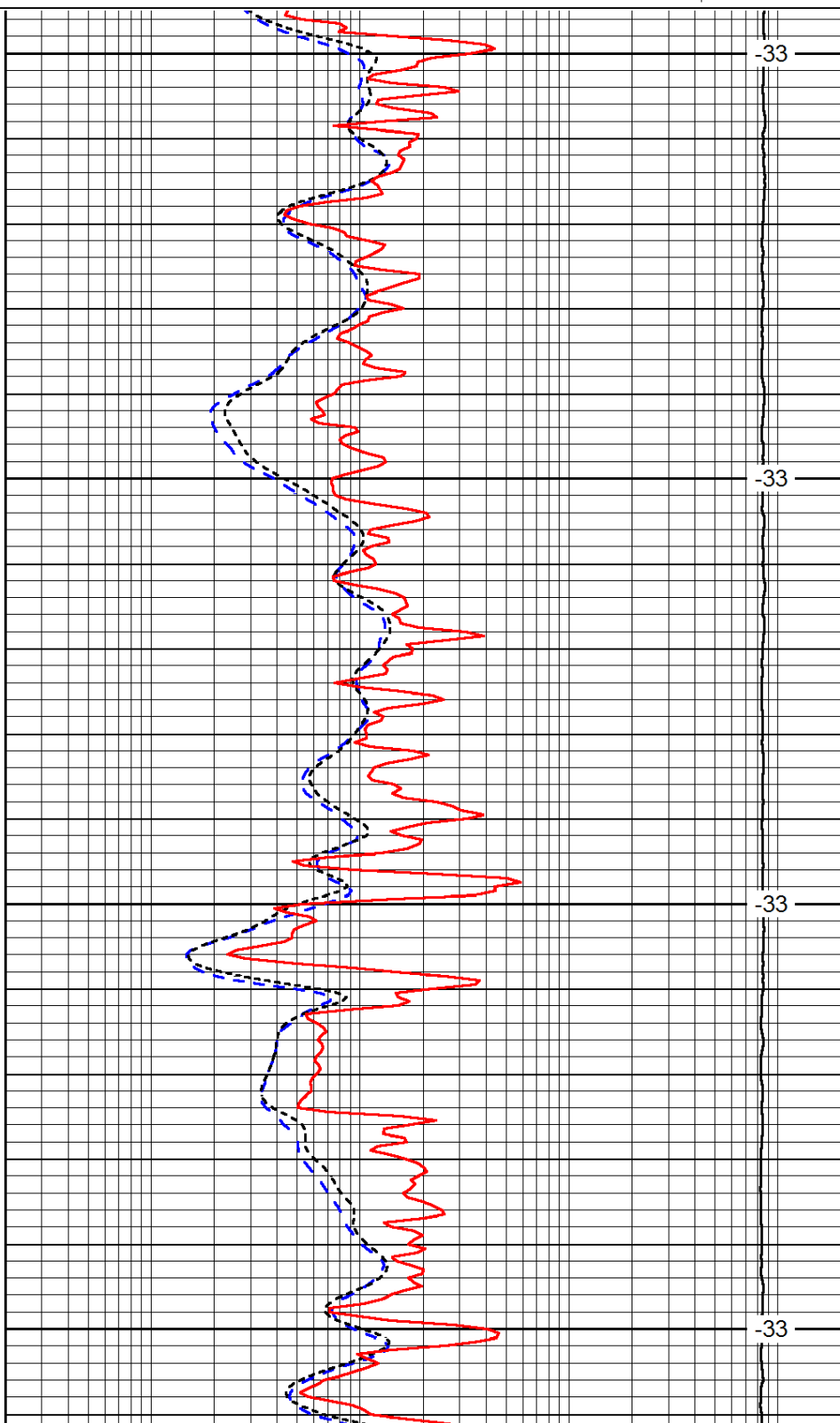


2700

2750

2800

2850

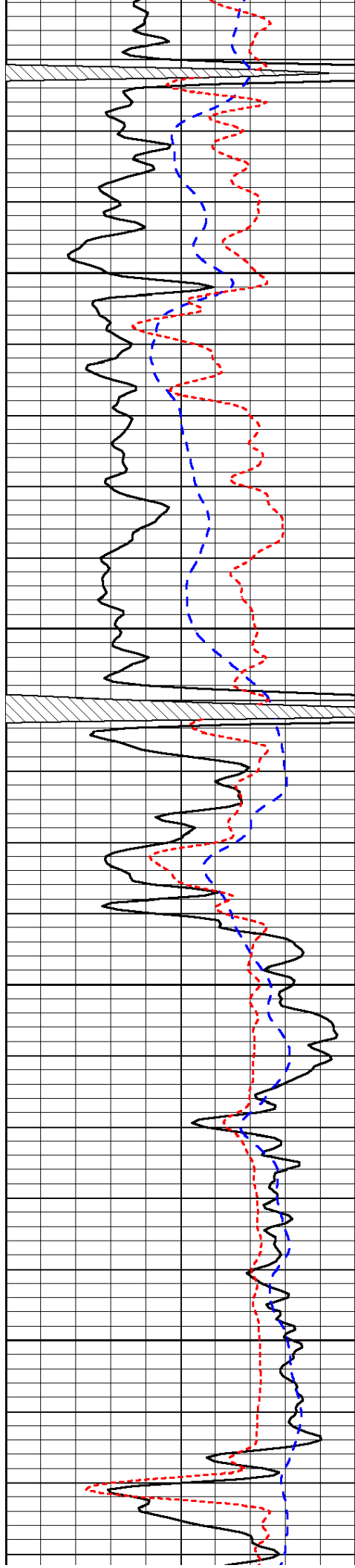


-33

-33

-33

-33

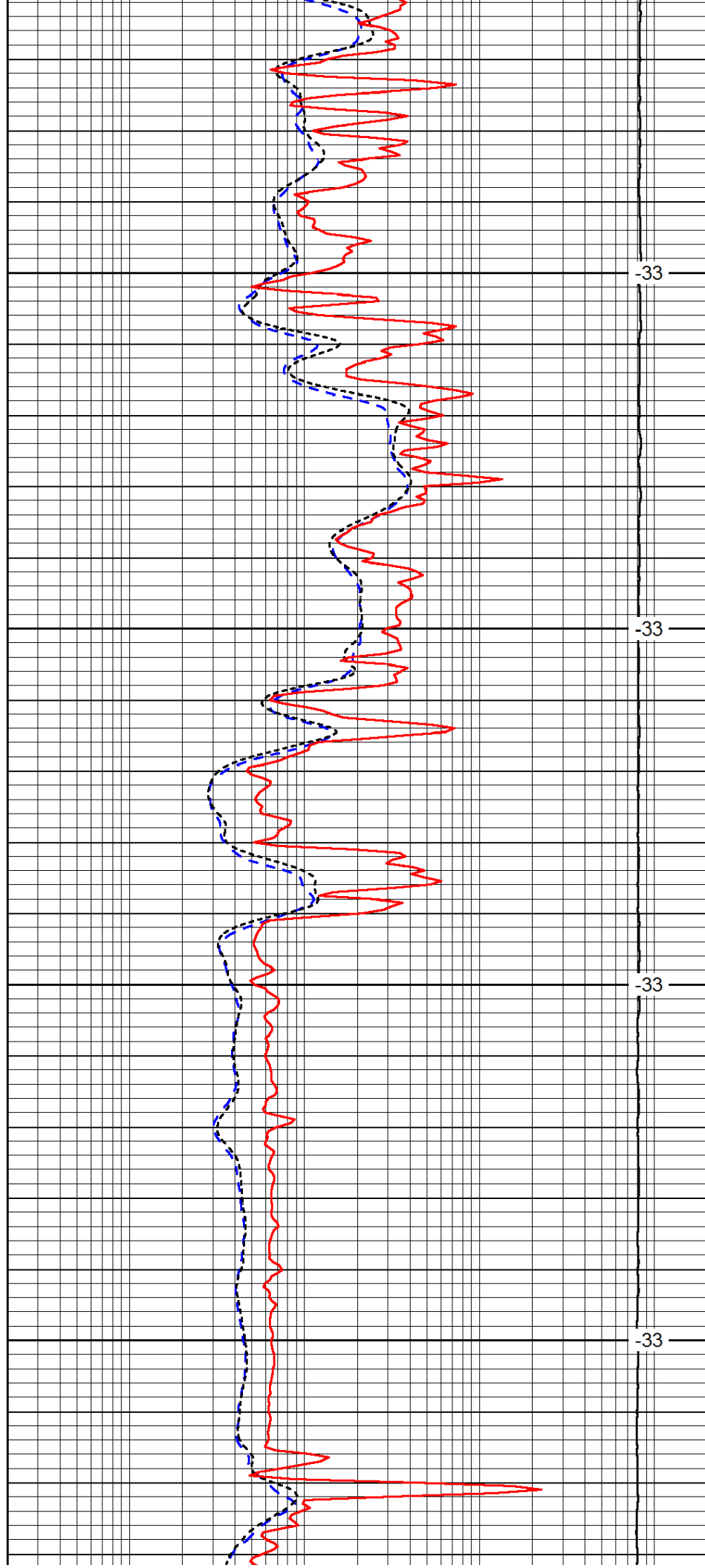


2900

2950

3000

3050

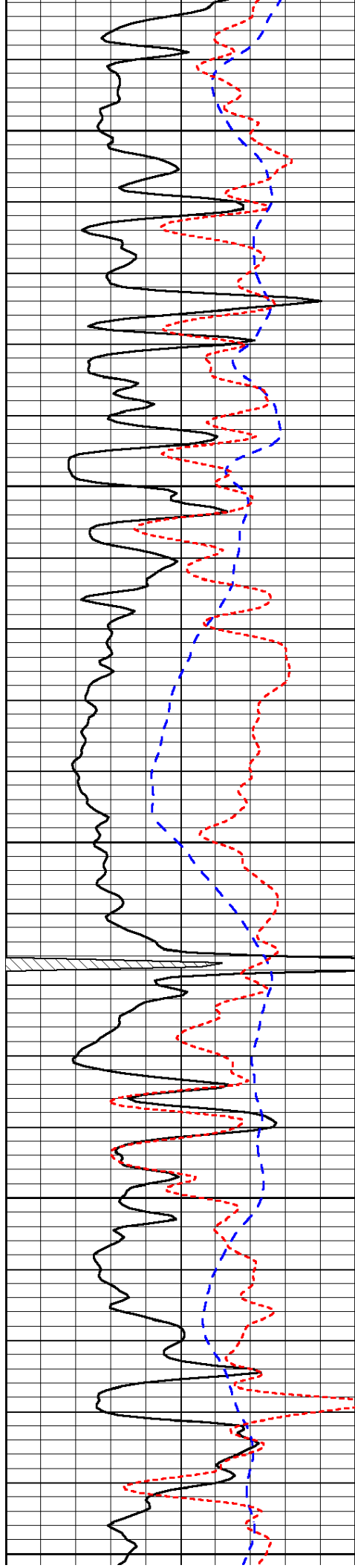


-33

-33

-33

-33



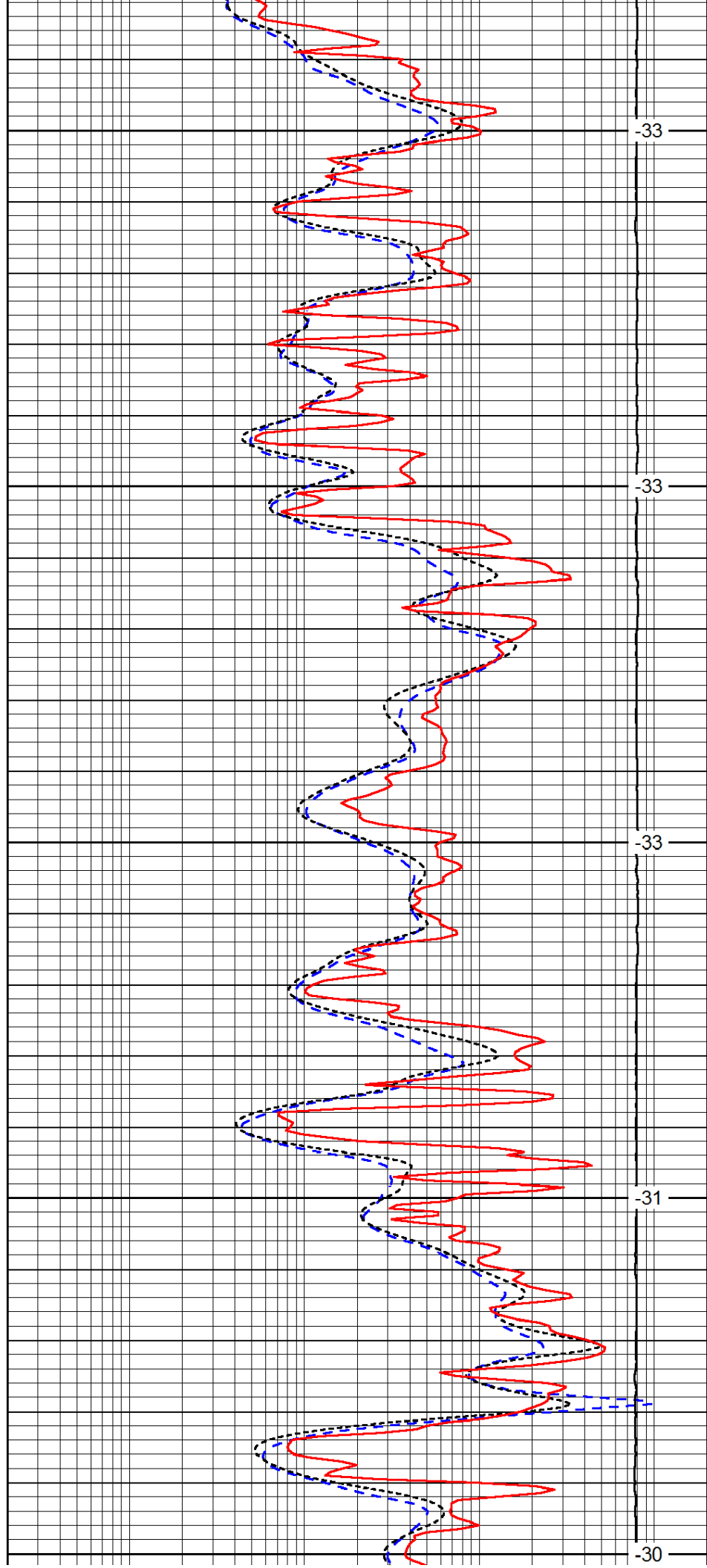
3100

3150

3200

3250

3300



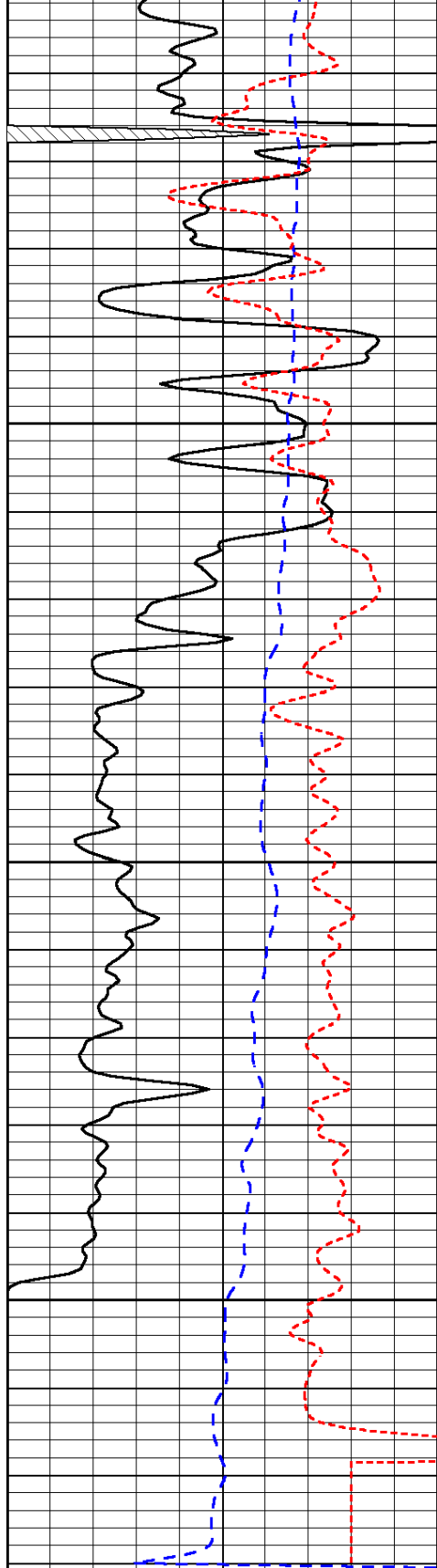
-33

-33

-33

-31

-30

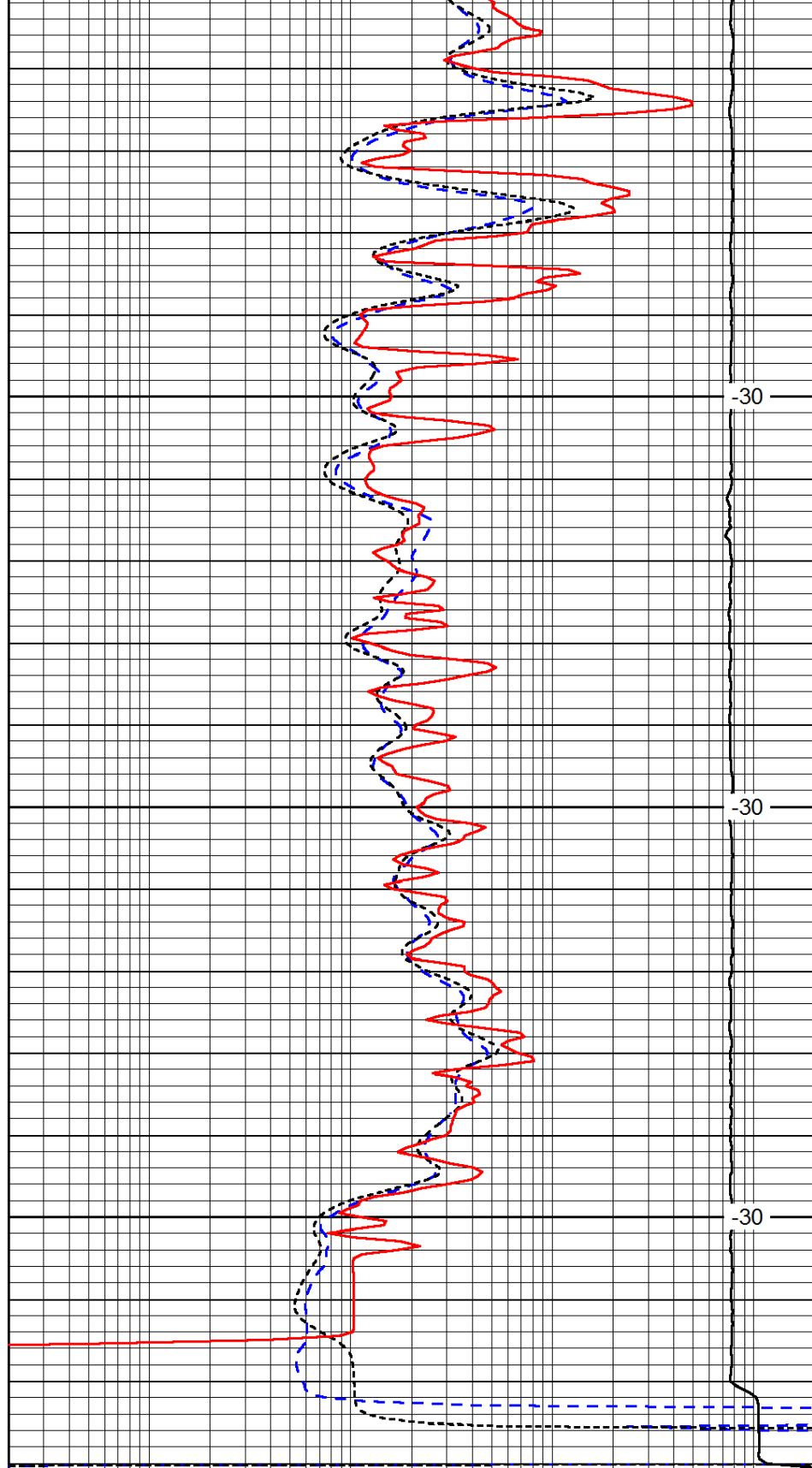


0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

3350

3400

3450



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

LSPD