



# Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	15-101-22,192-00-00		
Company	Larson Engineering, Inc.		
Well	Tanner No. 1-12		
Field	Wildcat		
County	Lane	State	Kansas
Location	1771' FSL & 2048' FWL		
Sec:	12	Twp:	19S Rge: 30W
Permanent Datum	Ground Level	Elevation	2859
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
		Other Services	CNL/CDL MEL
		Elevation	K.B. 2869 D.F. 2859 G.L. 2859

Date	09/06/2009	
Run Number	One	
Depth Driller	4700	
Depth Logger	4702	
Bottom Logged Interval	4701	
Top Log Interval	200	
Casing Driller	8.625 @ 267	
Casing Logger	263	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	3,400	
Density / Viscosity	9.2	54
pH / Fluid Loss	9.5	7.2
Source of Sample	Flowline	
Rm @ Meas. Temp	1	@ 65
Rmf @ Meas. Temp	.75	@ 65
Rmc @ Meas. Temp	1.35	@ 65
Source of Rmf / Rmc	Charts	
Rm @ BHT	.52	@ 125
Operating Rig Time	3 Hours	
Max Rec. Temp. F	125	
Equipment Number	10	
Location	Hays	
Recorded By	Jason Wellbrock	
Witnessed By	Steve Davis	

<<< 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 Log-Tech, Inc.  
(785) 625-3858

Dighton 4 to 5 W to Eagle rd, 4 1/2 S, E Into

Database File:	larsonhd.db
Dataset Pathname:	dil/lar2in
Presentation Format:	dil2in
Dataset Creation:	Sun Sep 06 07:14:01 2009
Charted by:	Depth in Feet scaled 1:600

0 Gamma Ray 150  
-200 SP 0

0 Shallow Resistivity 50  
0 Deep Resistivity 50

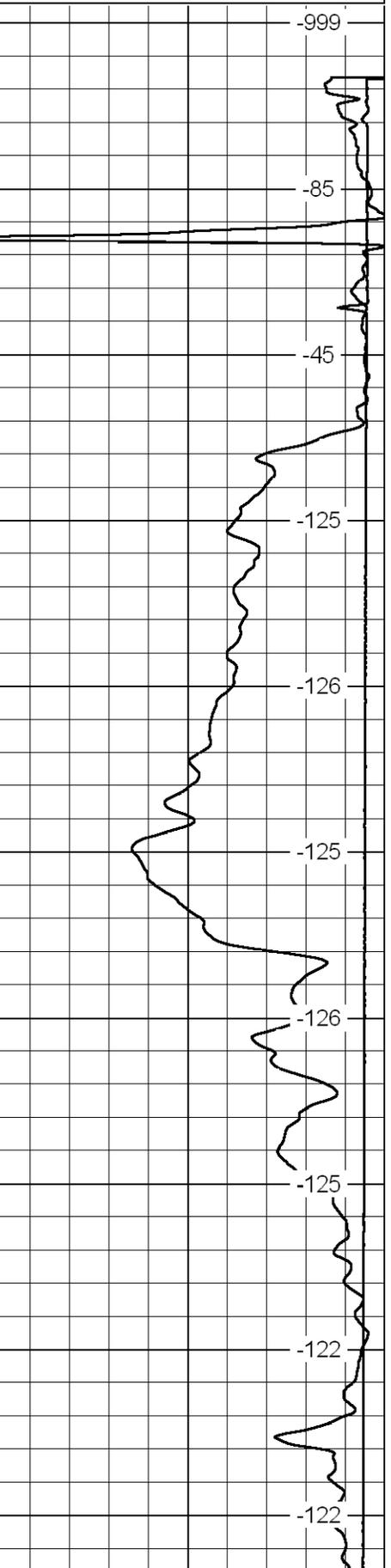
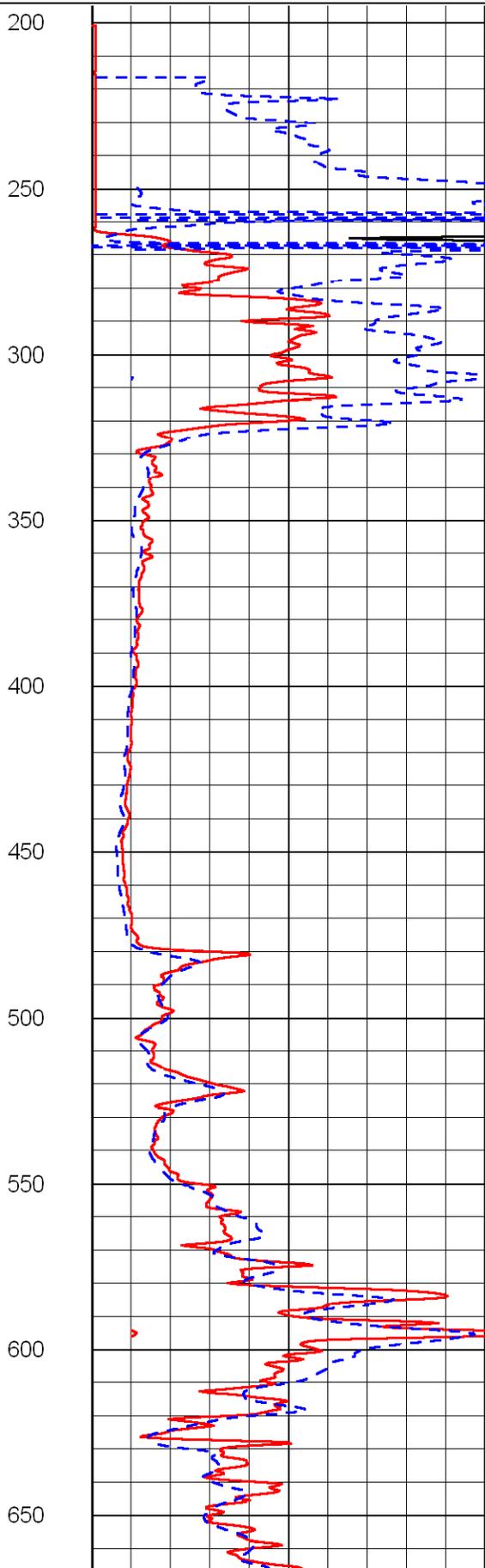
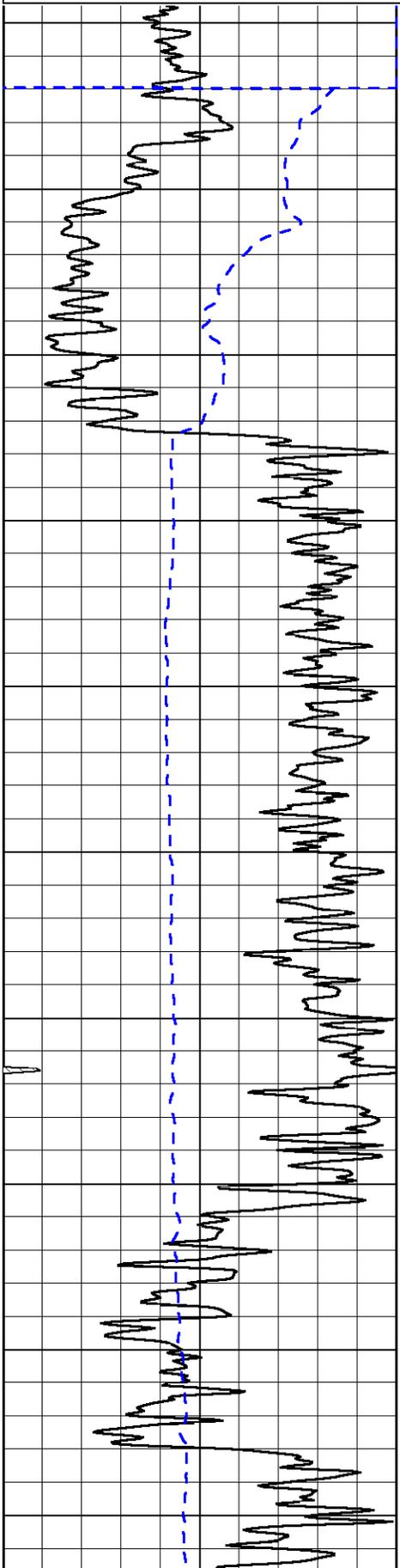
LSPD

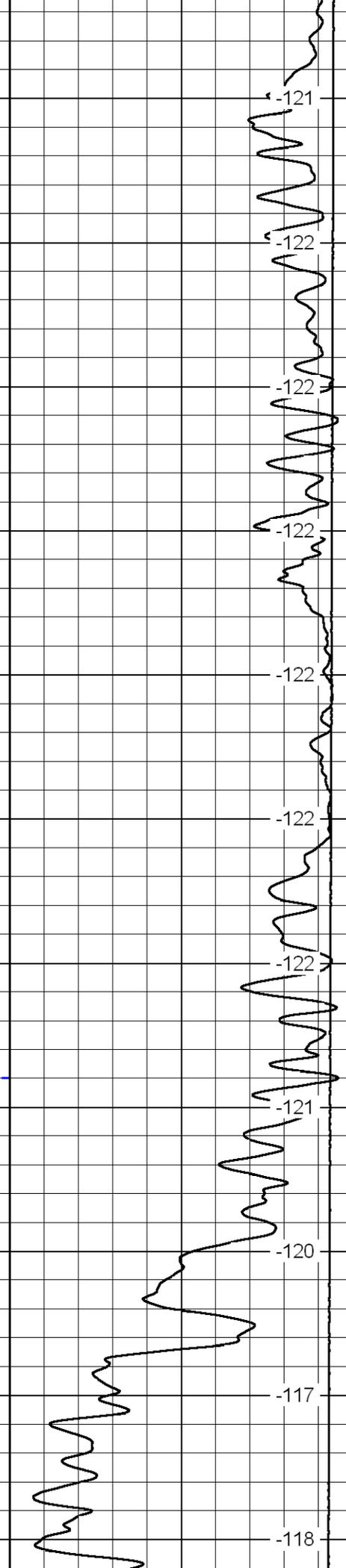
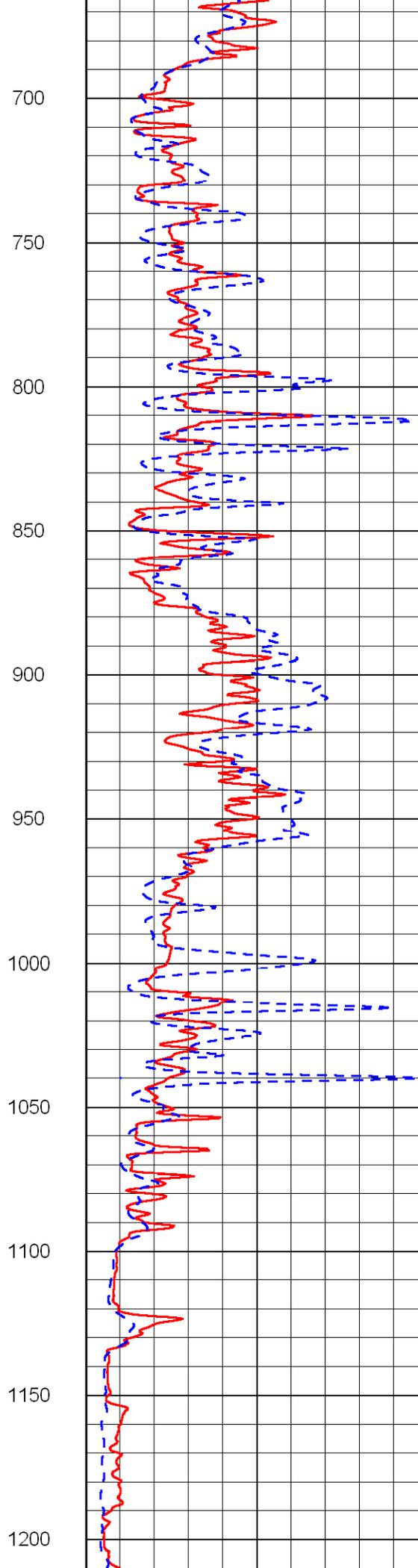
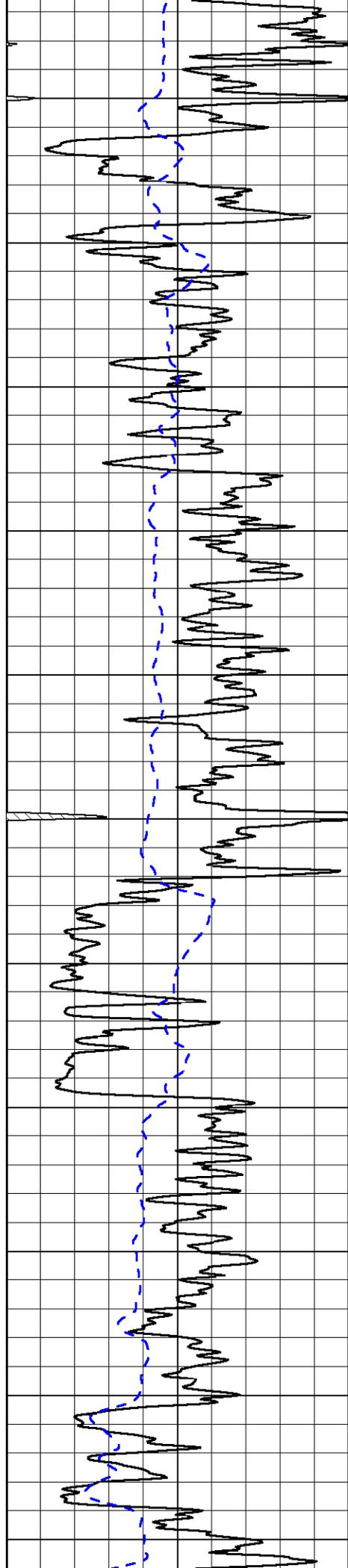
1000 Conductivity 0

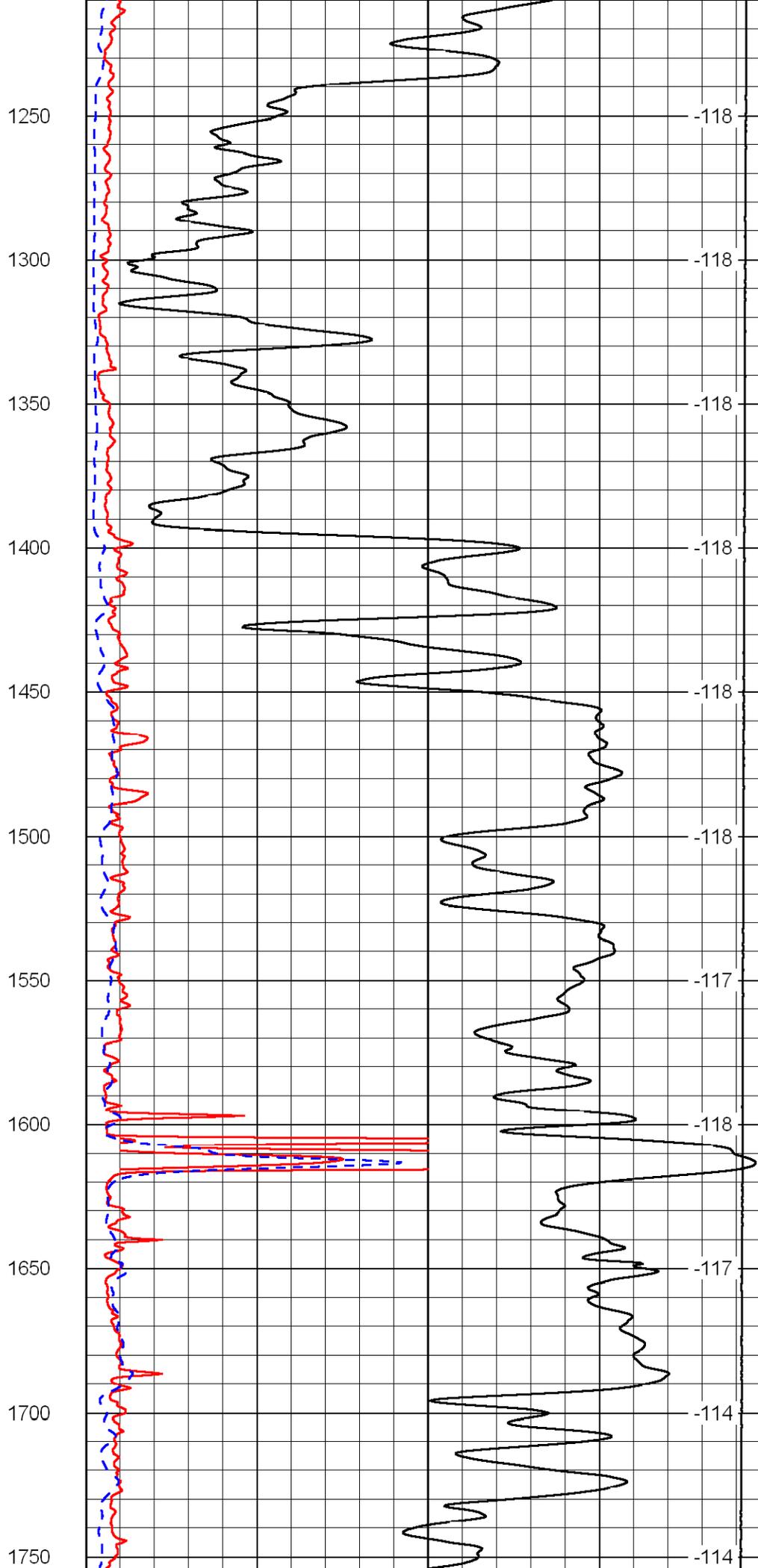
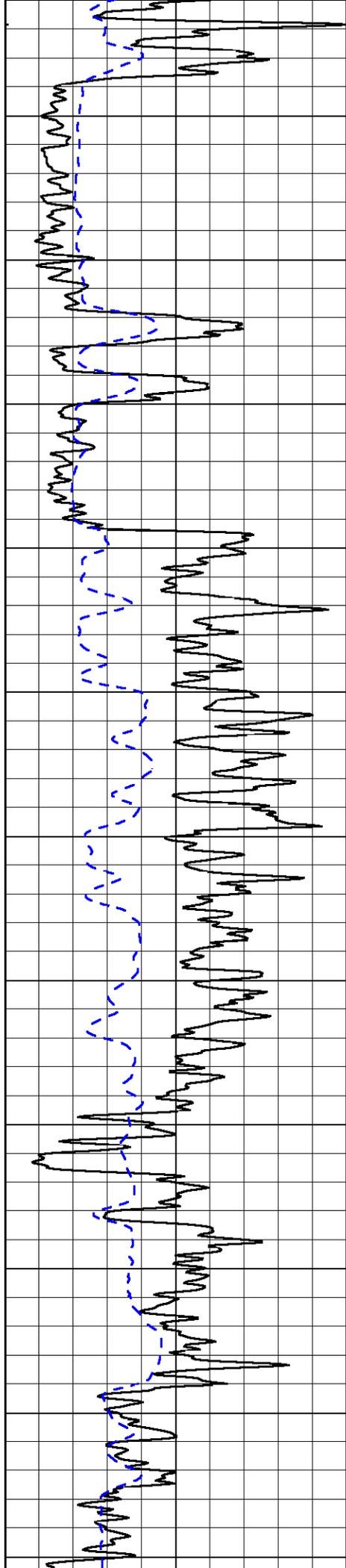
15000 Line Tension 0

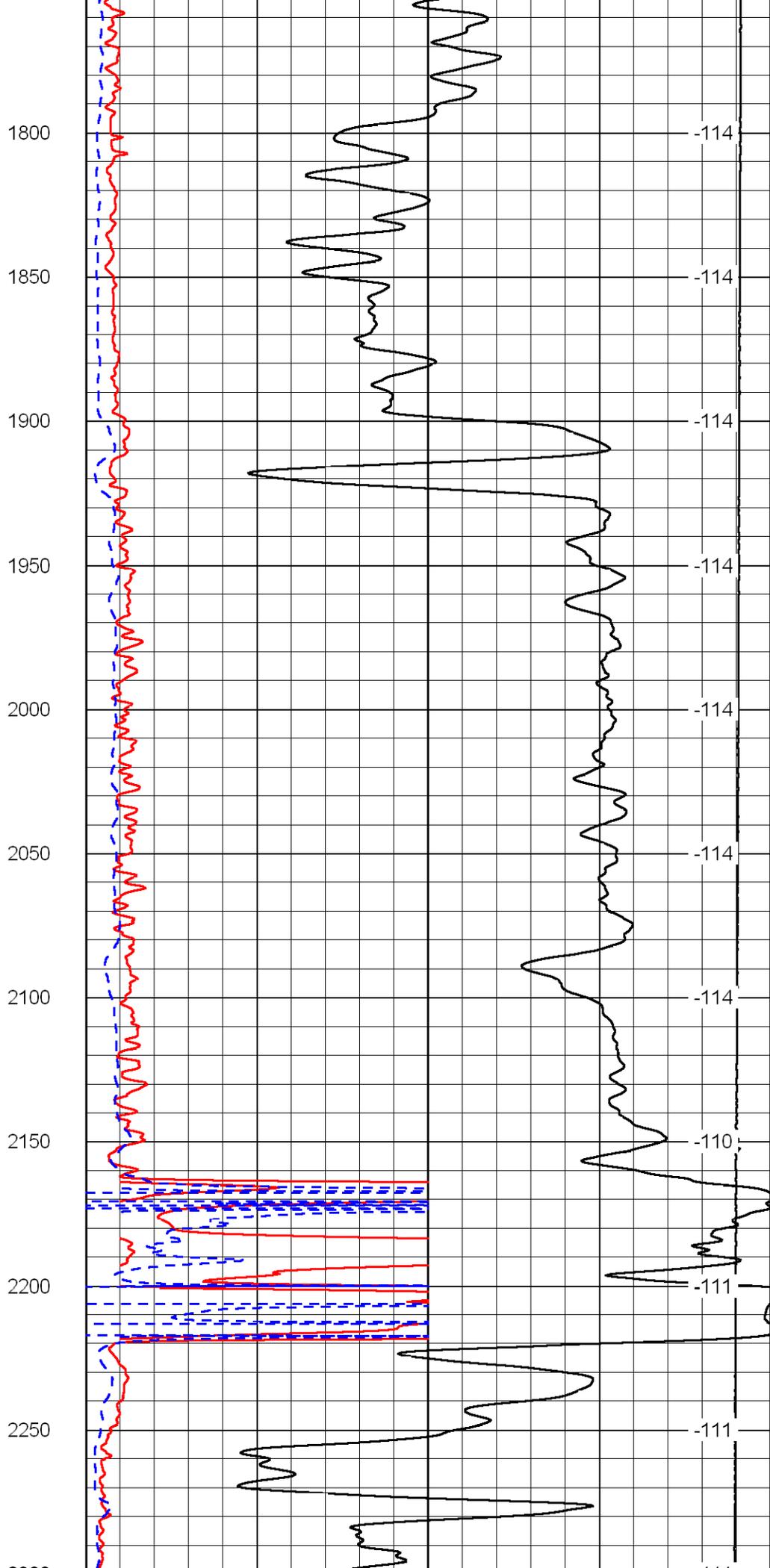
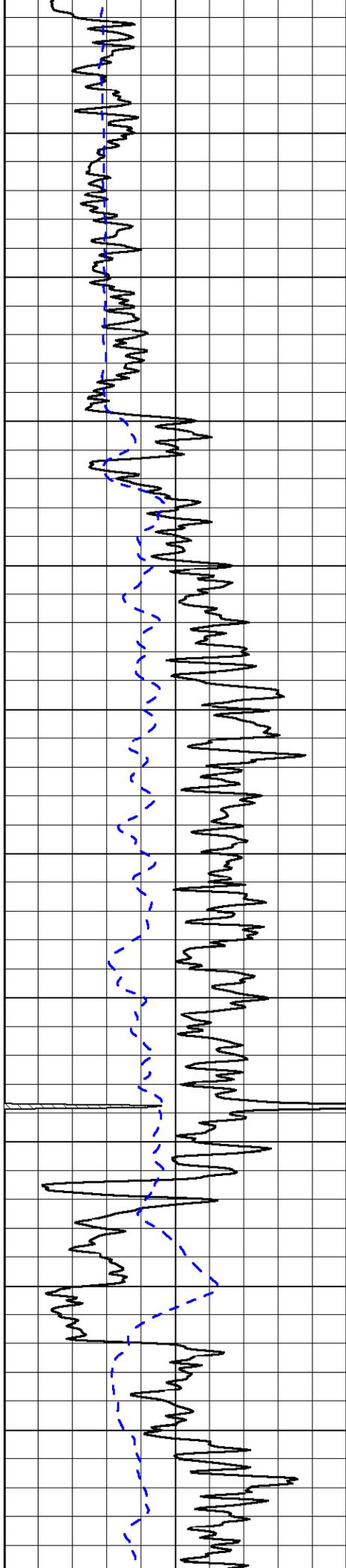
50 Shallow Resistivity 500

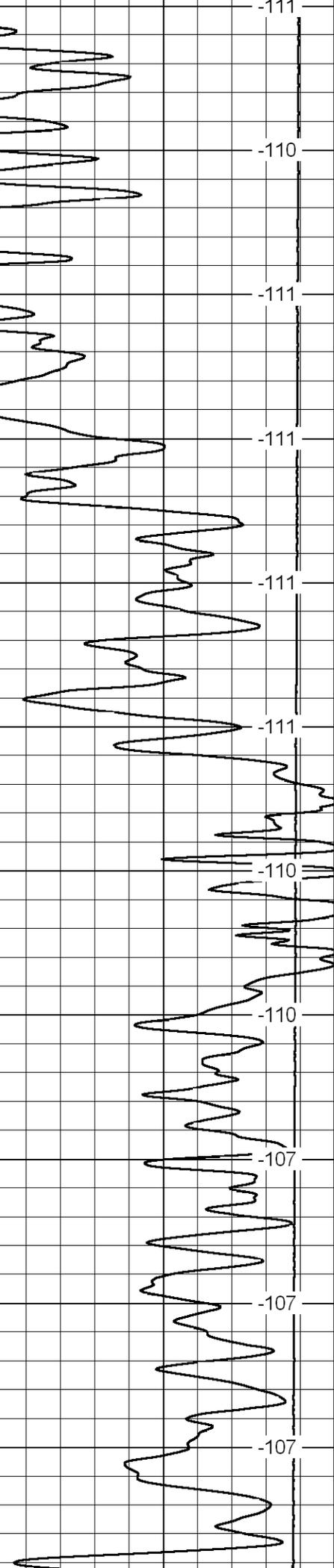
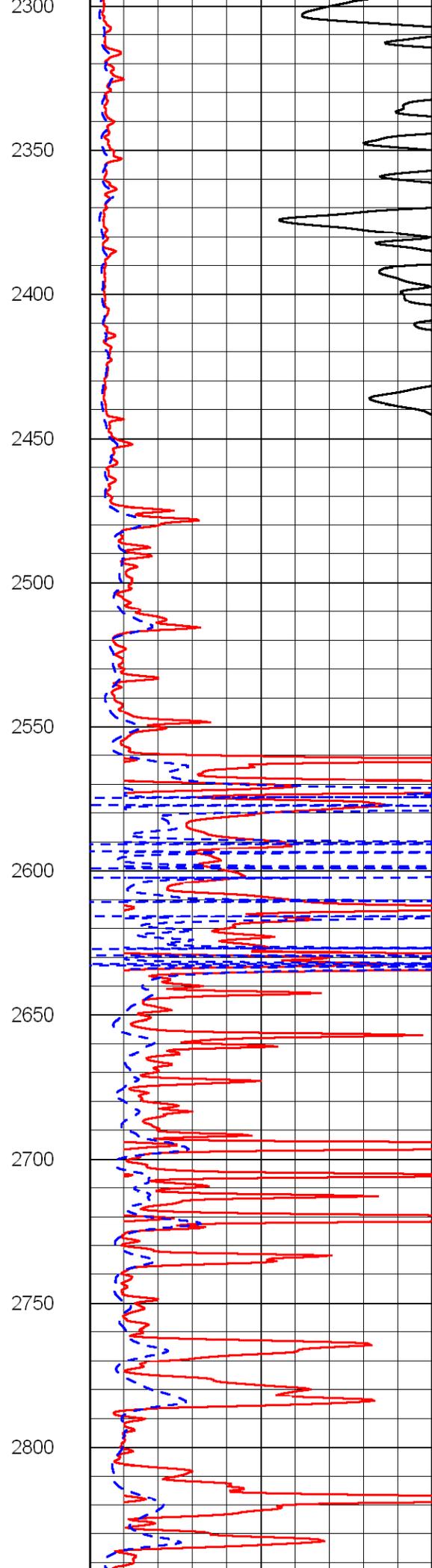
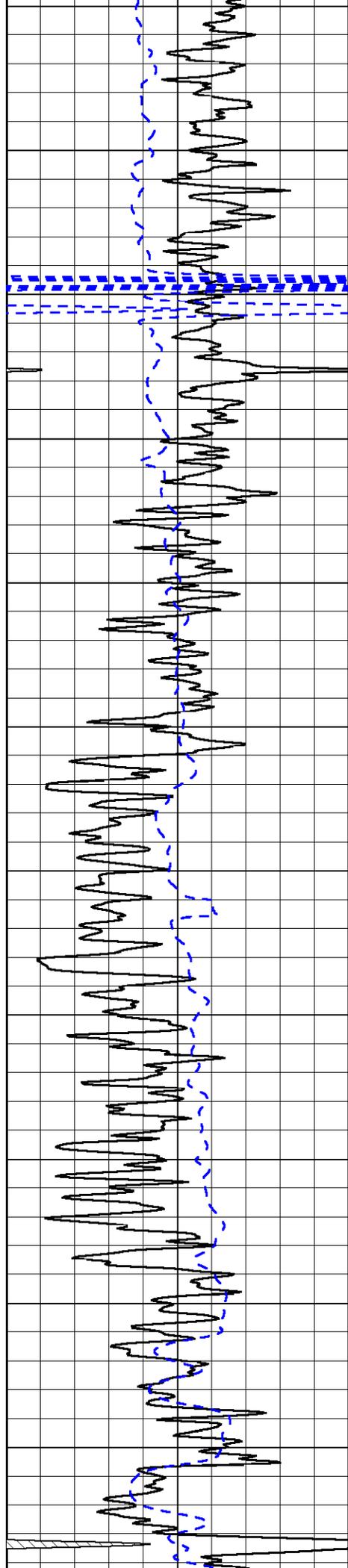
50 Deep Resistivity 500

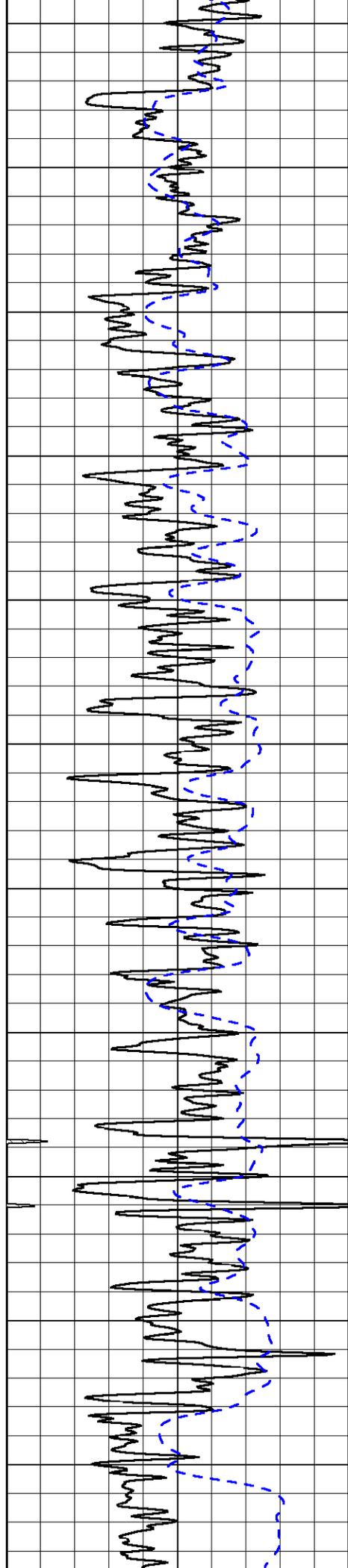












2850

2900

2950

3000

3050

3100

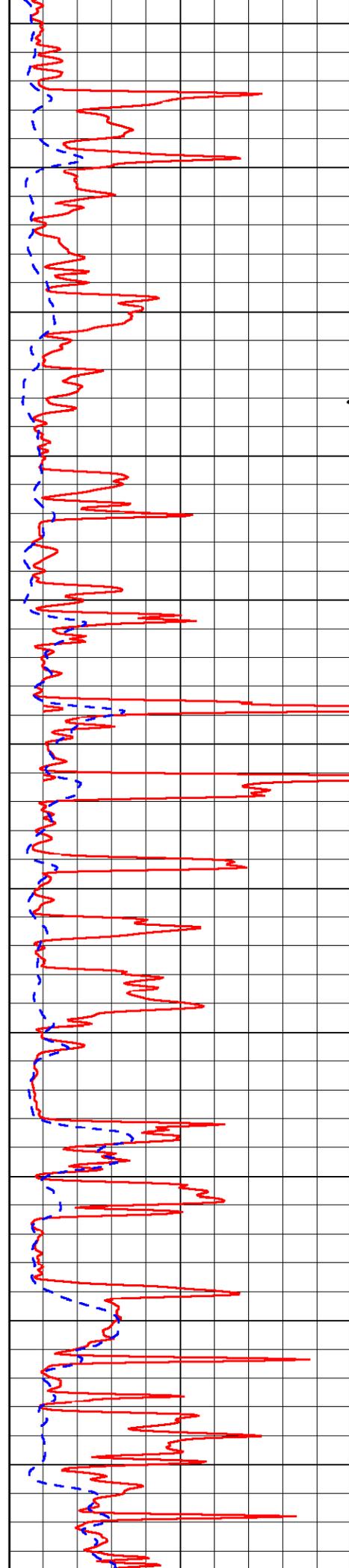
3150

3200

3250

3300

3350



-96

-96

-96

-96

-96

-97

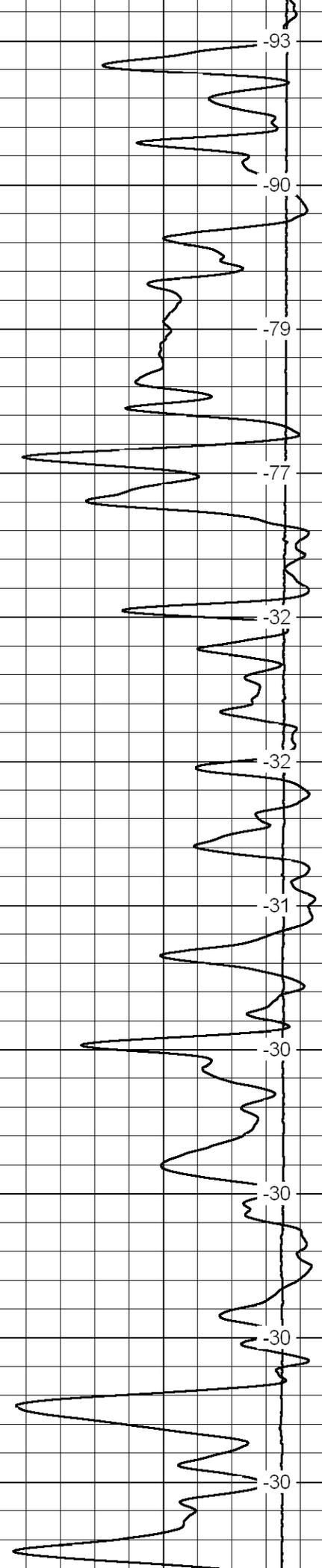
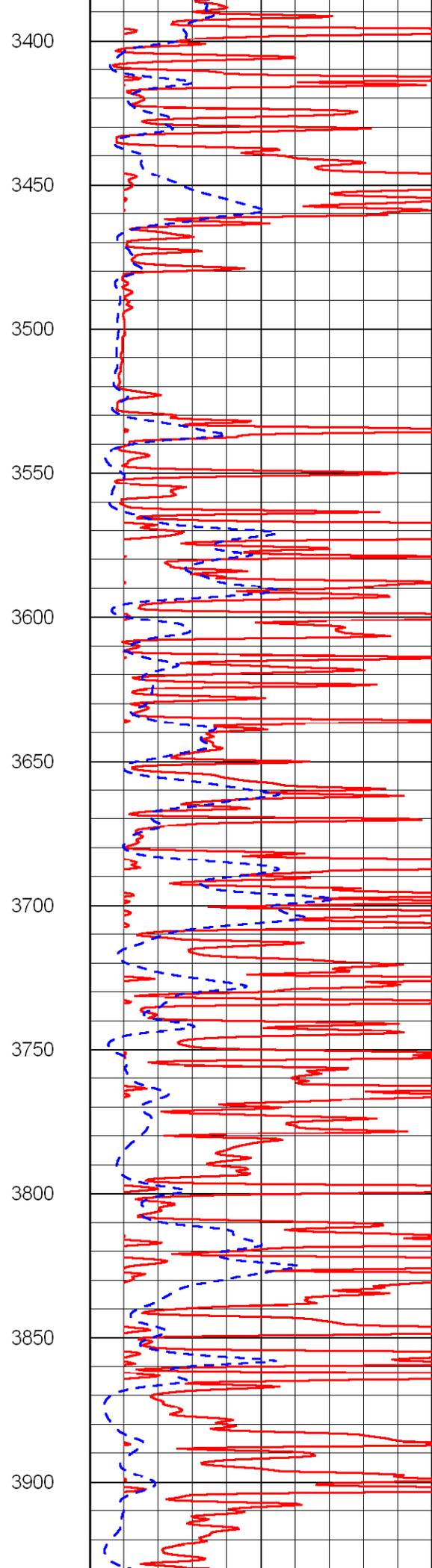
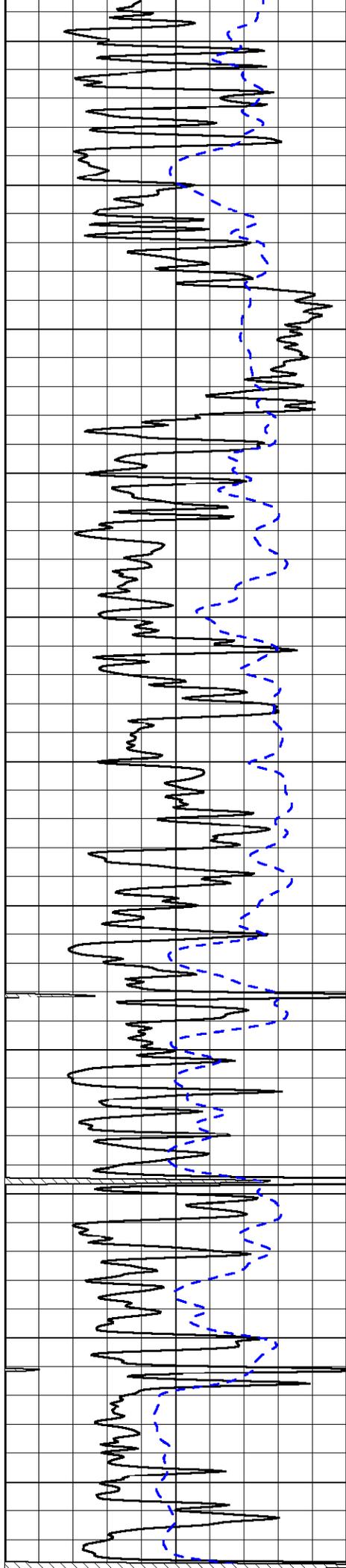
-97

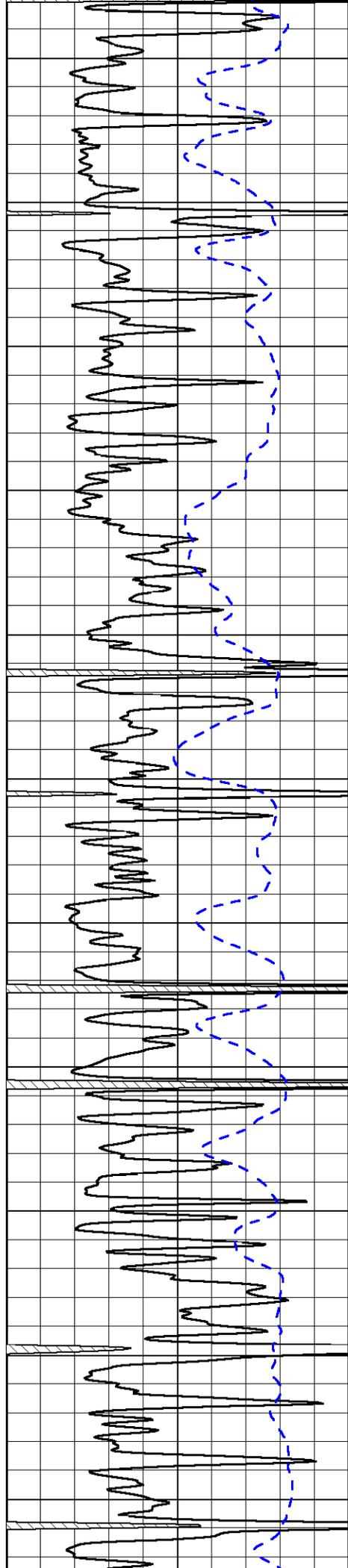
-93

-93

-93

-93





3950

4000

4050

4100

4150

4200

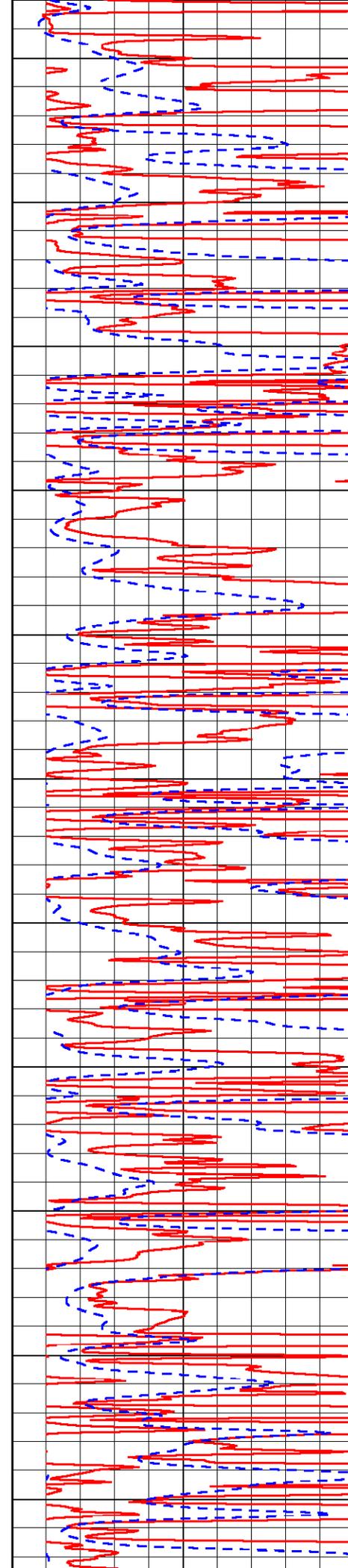
4250

4300

4350

4400

4450



-35

-35

-35

-35

-34

-34

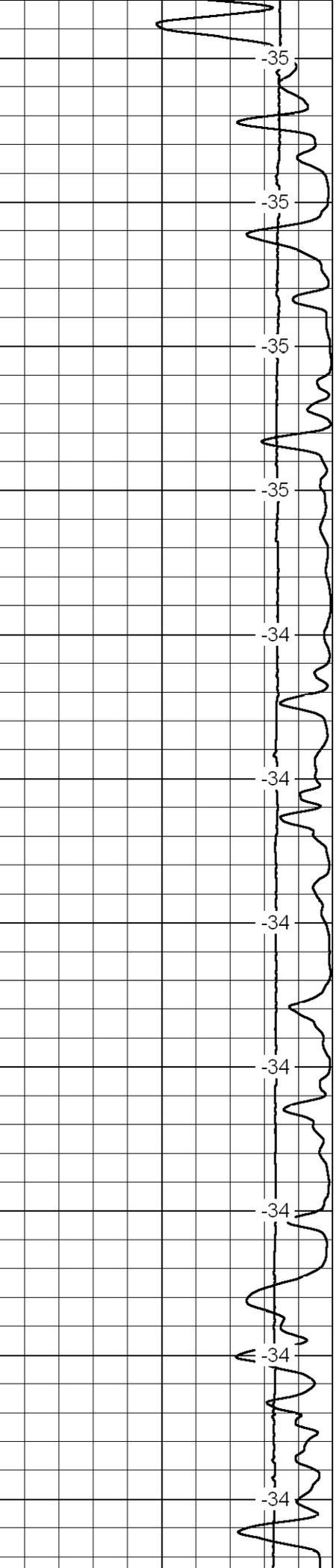
-34

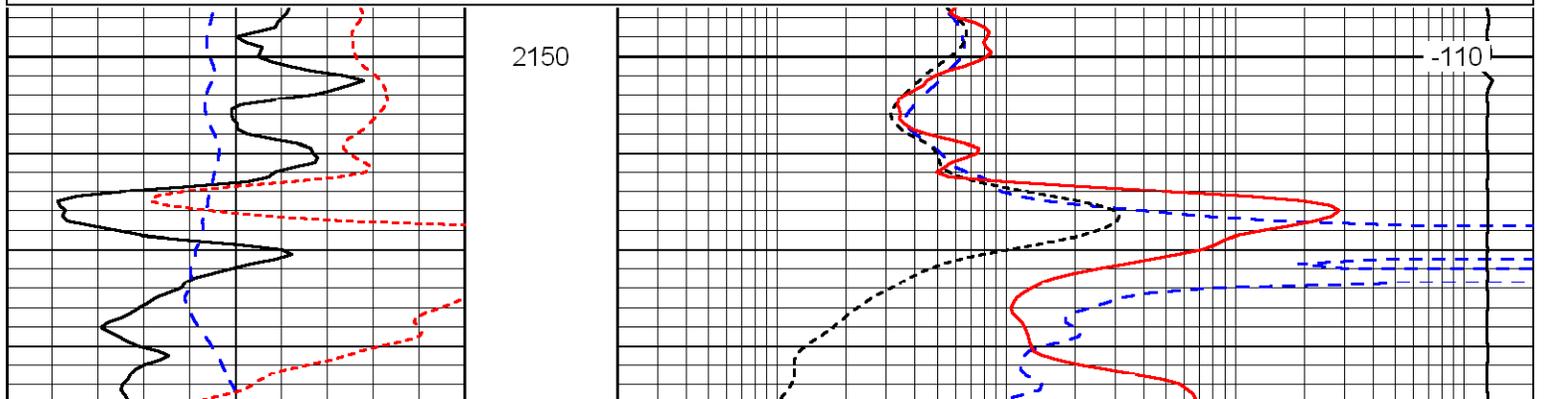
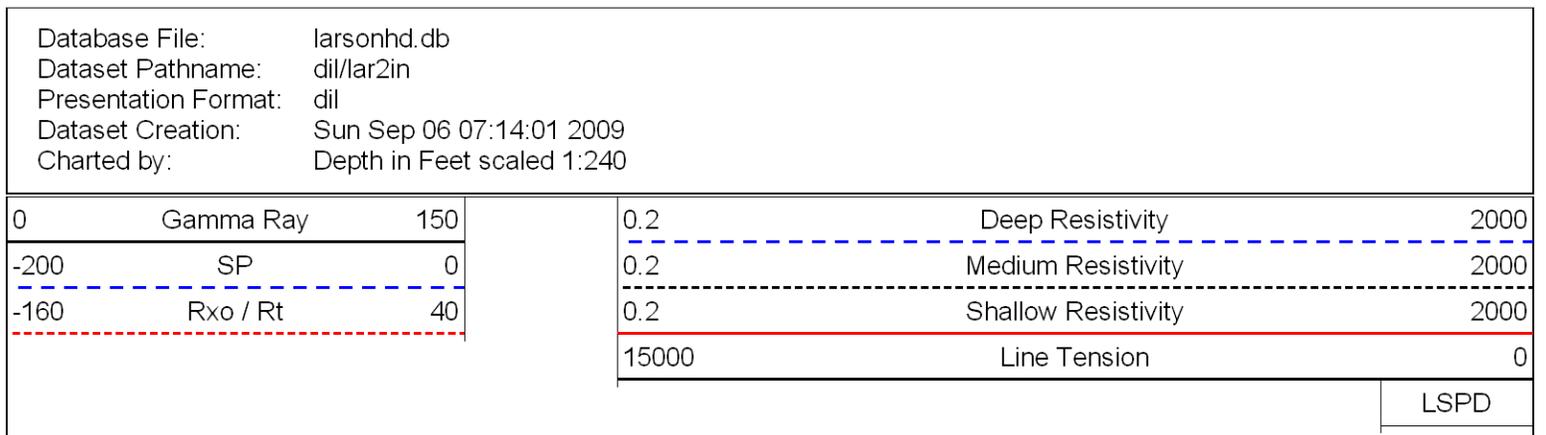
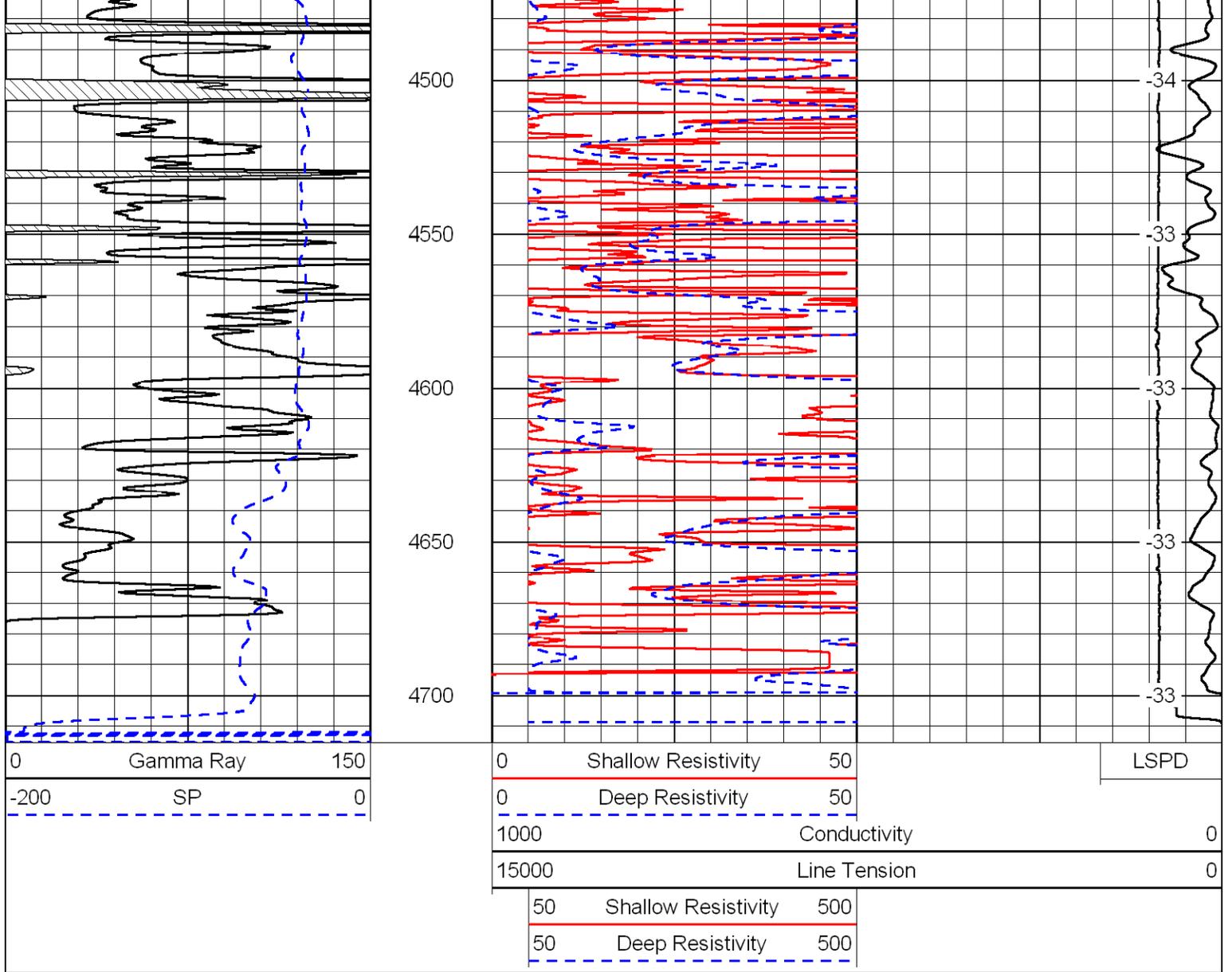
-34

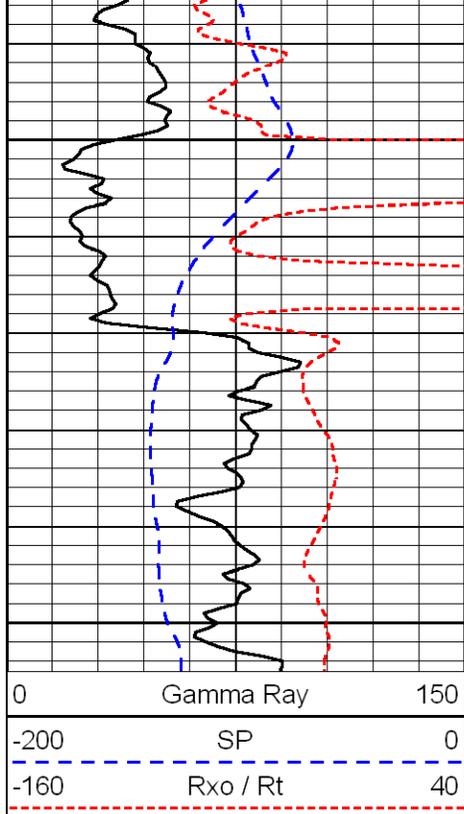
-34

-34

-34

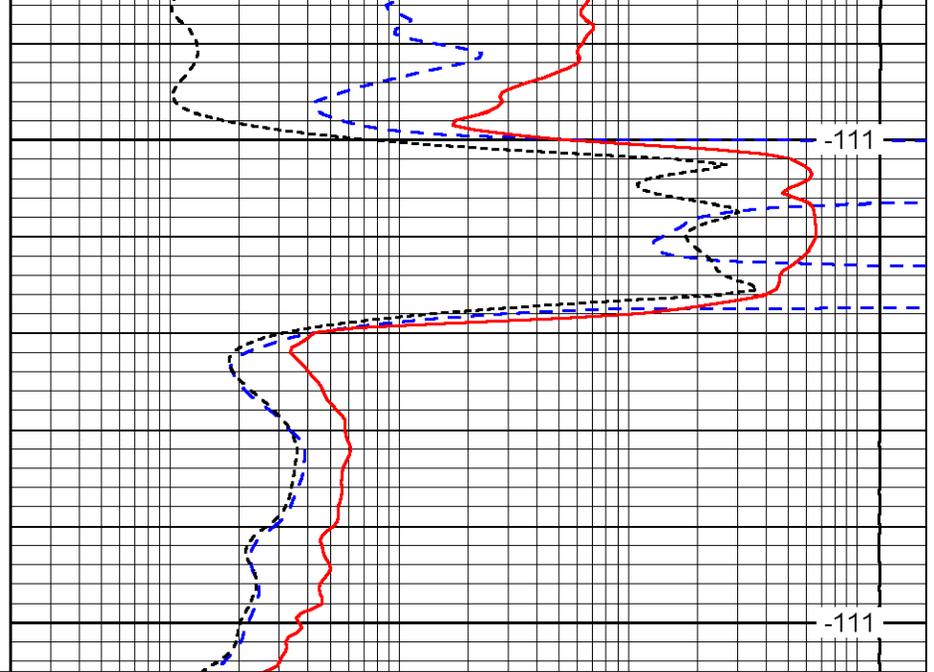






2200

2250

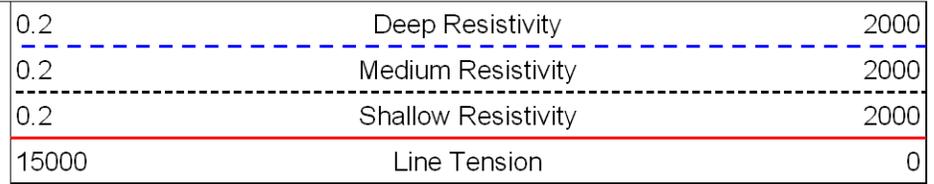
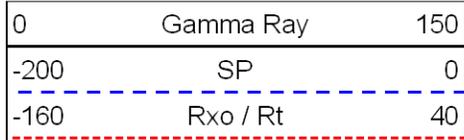


-111

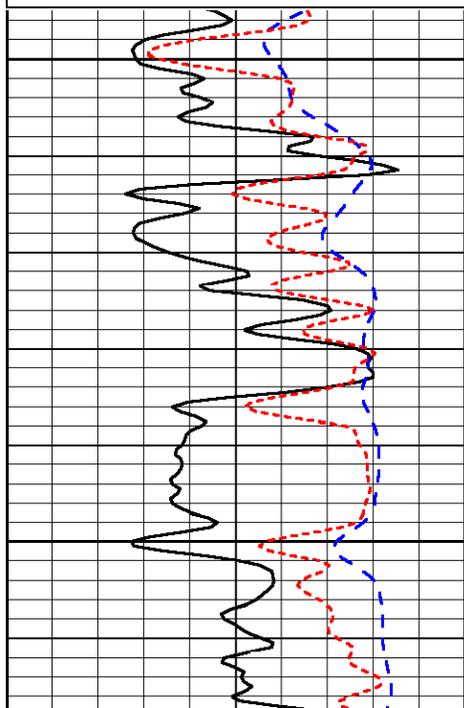
-111

LSPD

Database File:      larsonhd.db  
 Dataset Pathname:      dil/lar2in  
 Presentation Format:      dil  
 Dataset Creation:      Sun Sep 06 07:14:01 2009  
 Charted by:      Depth in Feet scaled 1:240

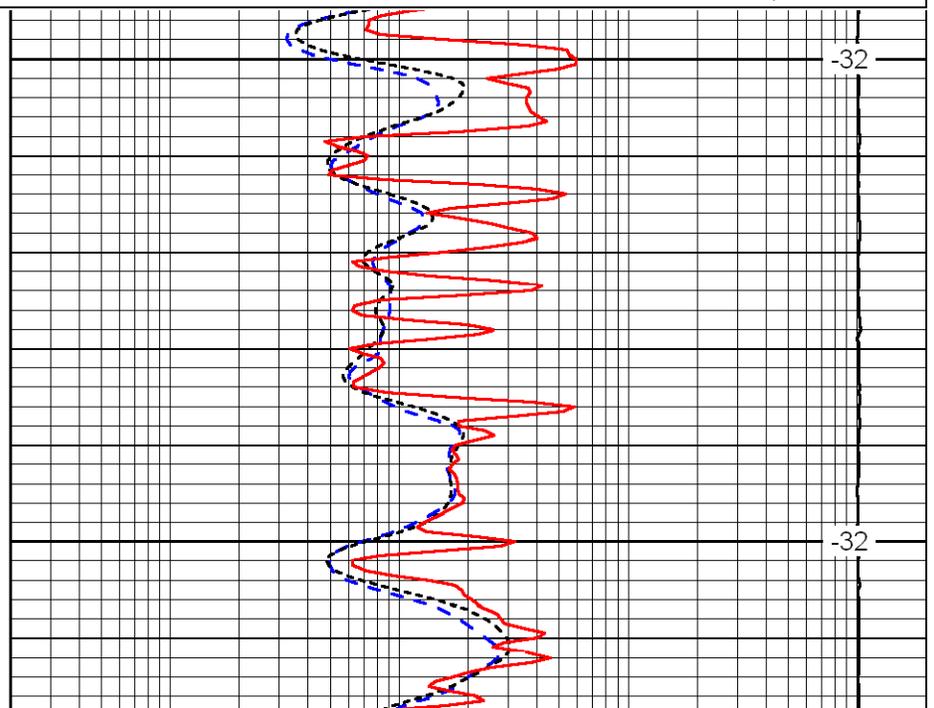


LSPD



3600

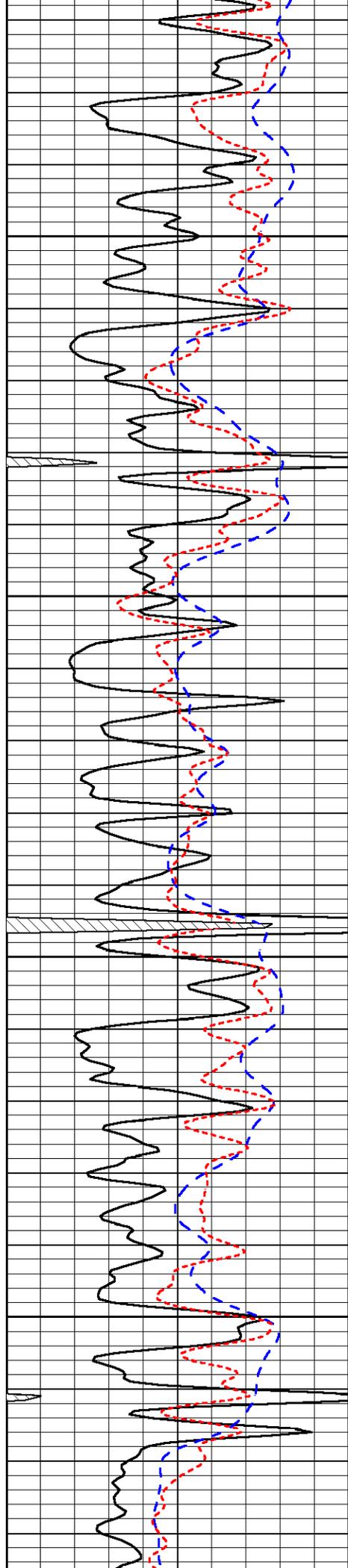
3650



-32

-32

LSPD

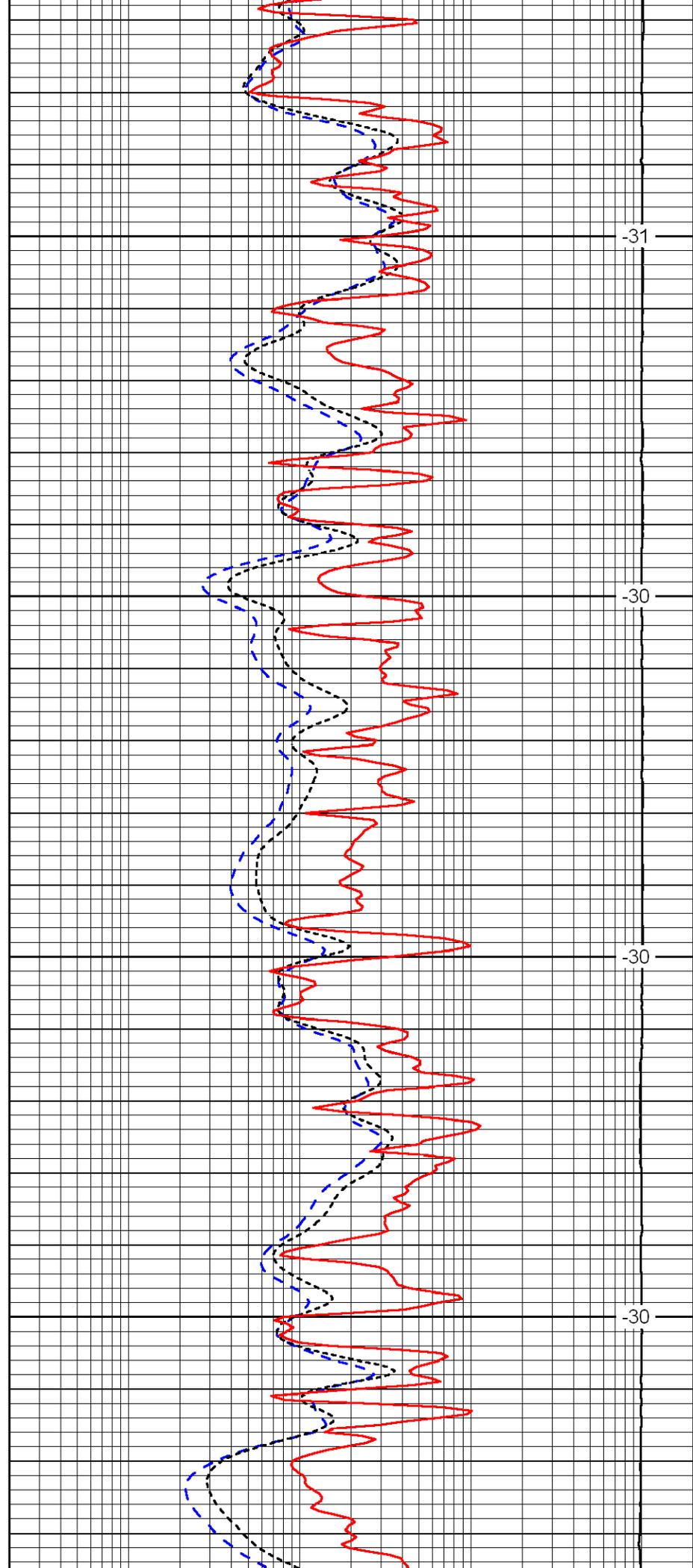


3700

3750

3800

3850

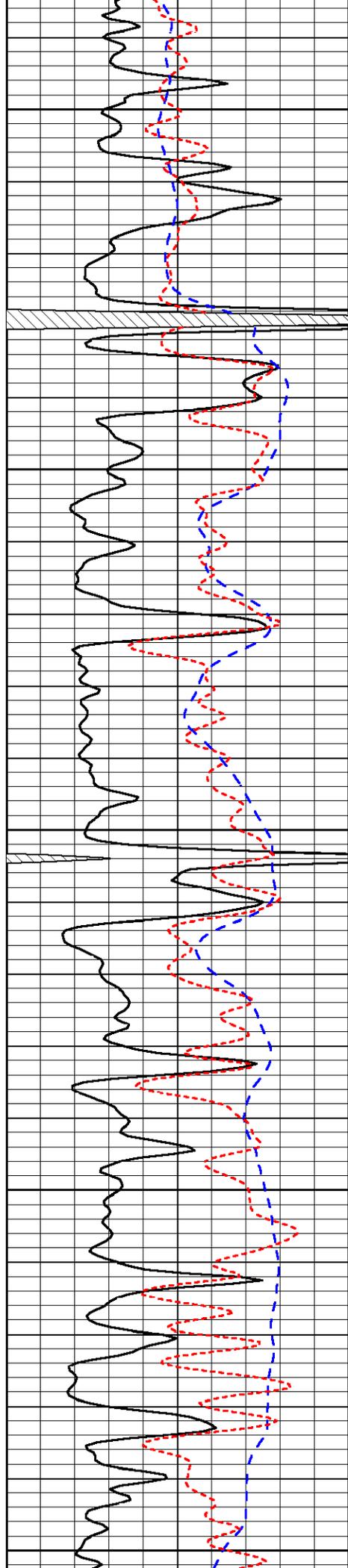


-31

-30

-30

-30



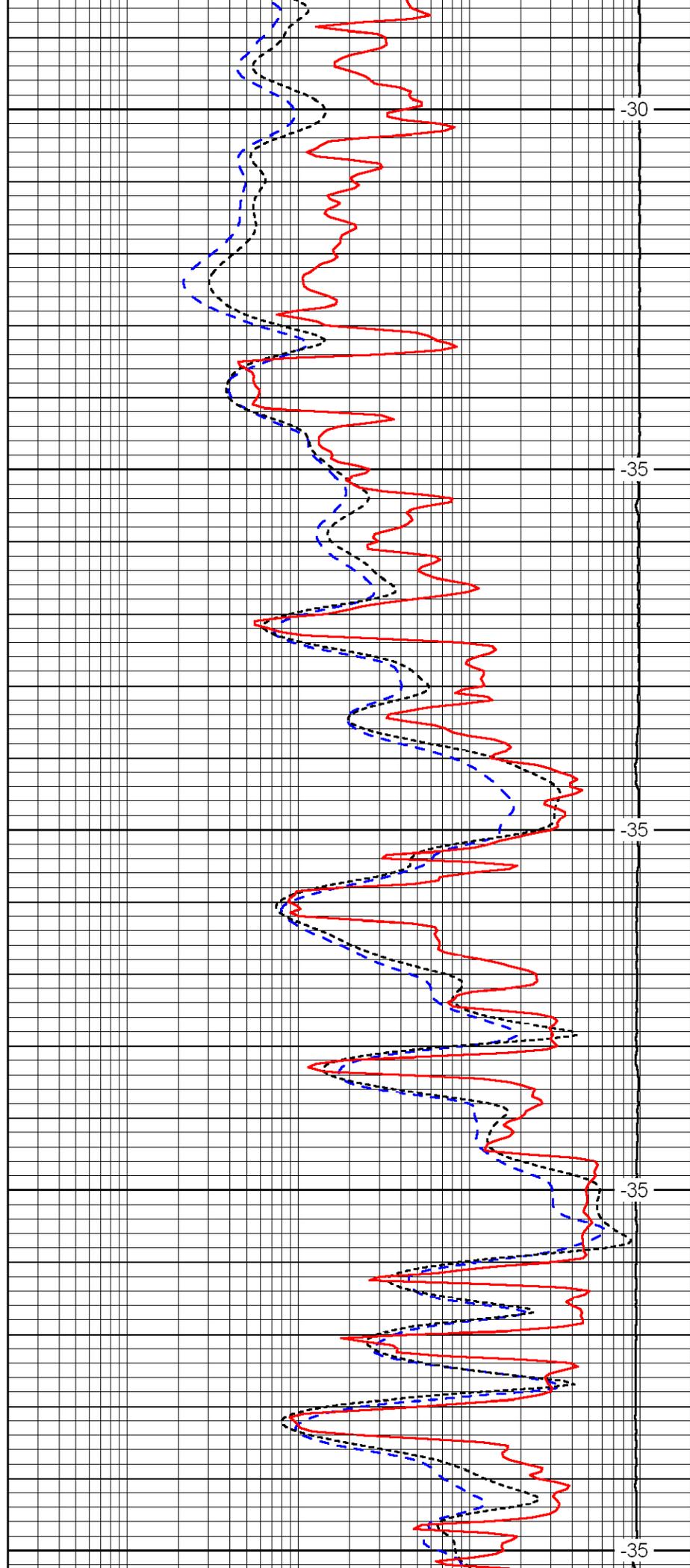
3900

3950

4000

4050

4100



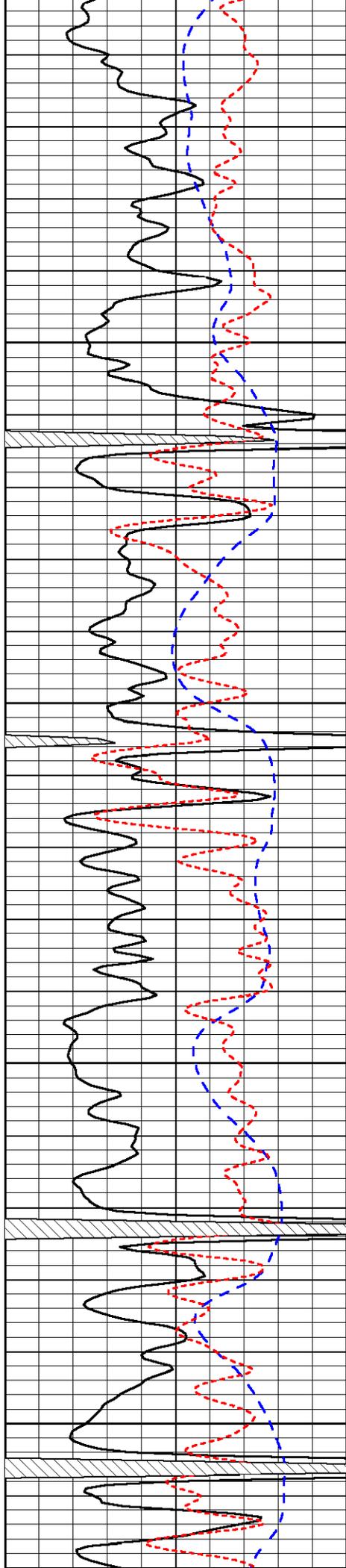
-30

-35

-35

-35

-35

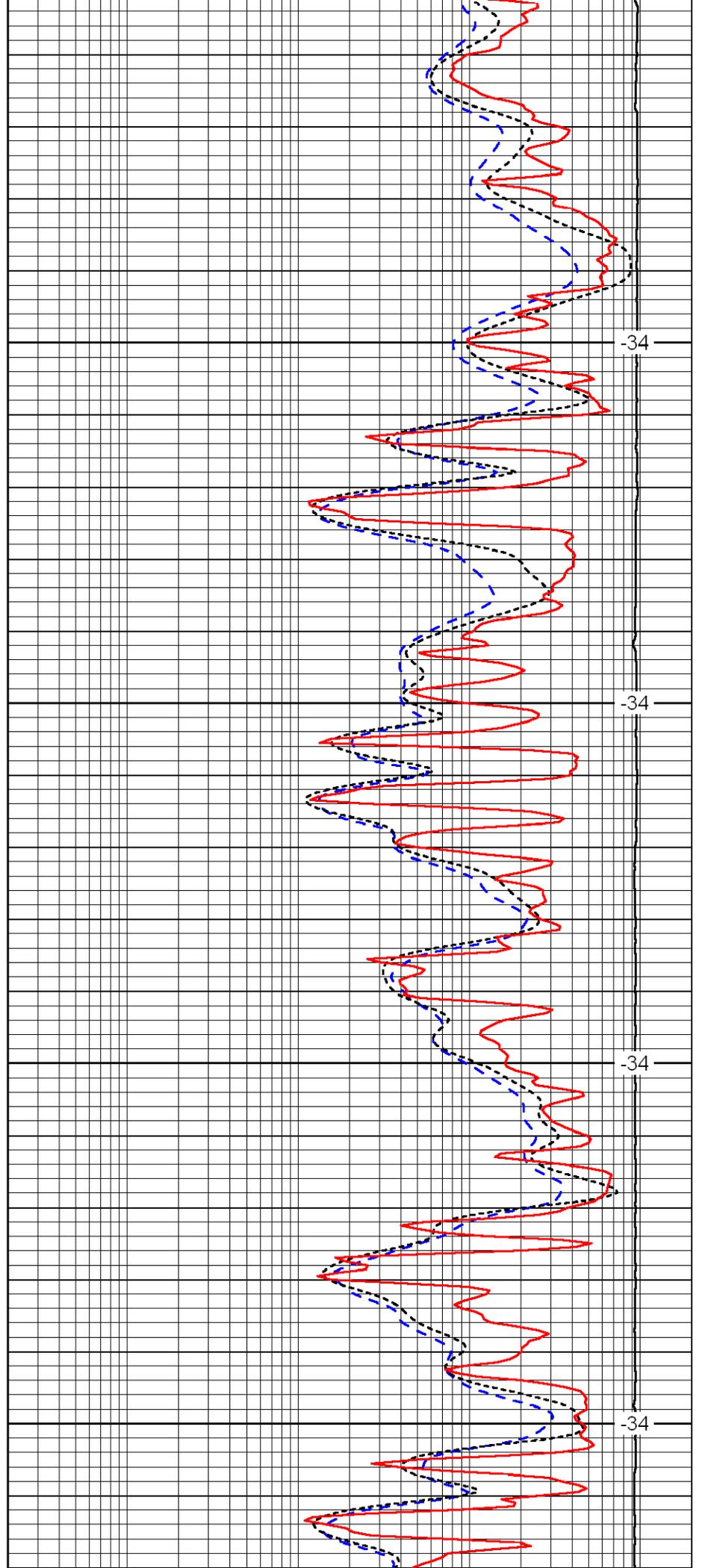


4150

4200

4250

4300

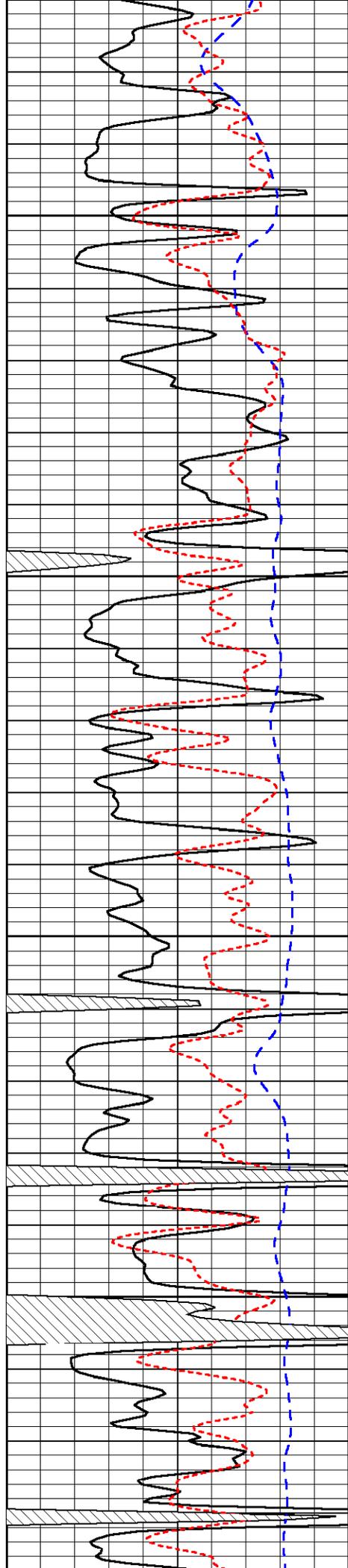


-34

-34

-34

-34

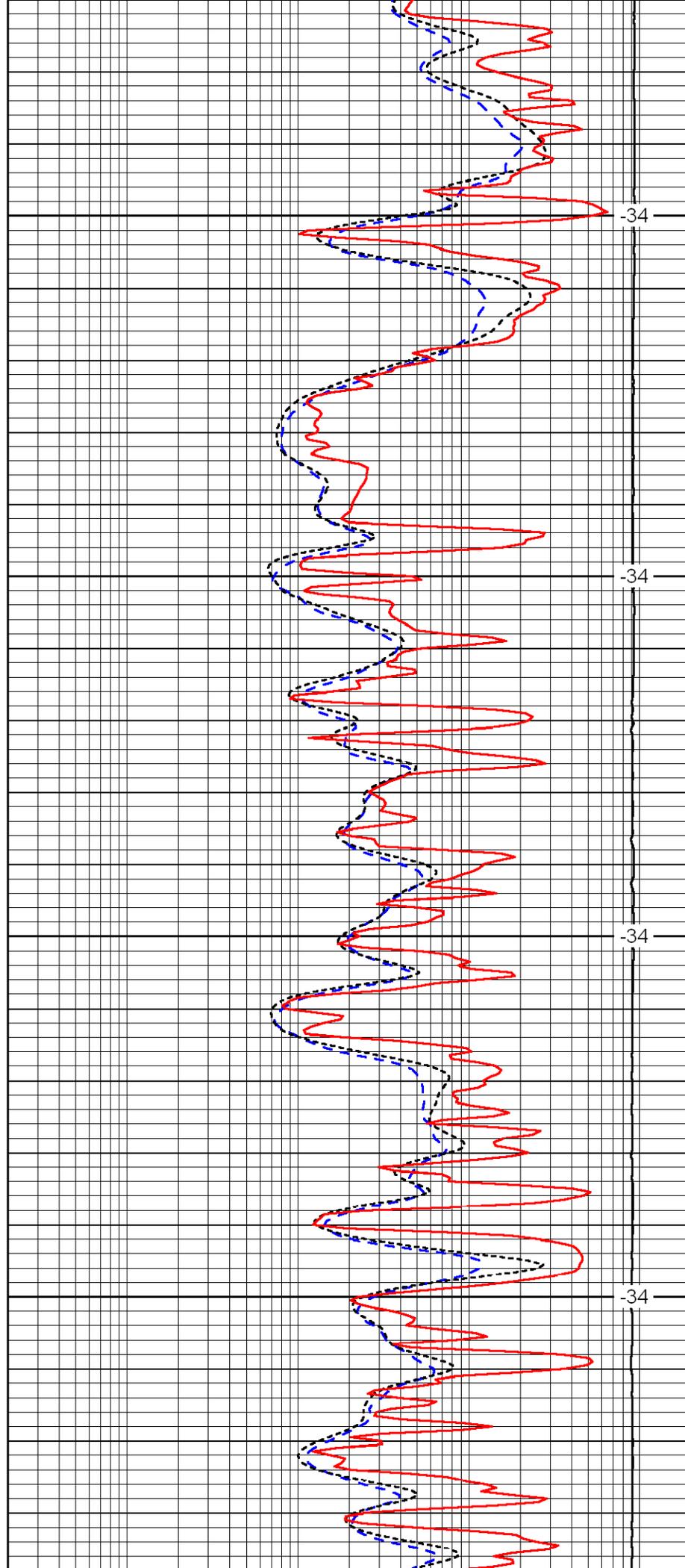


4350

4400

4450

4500

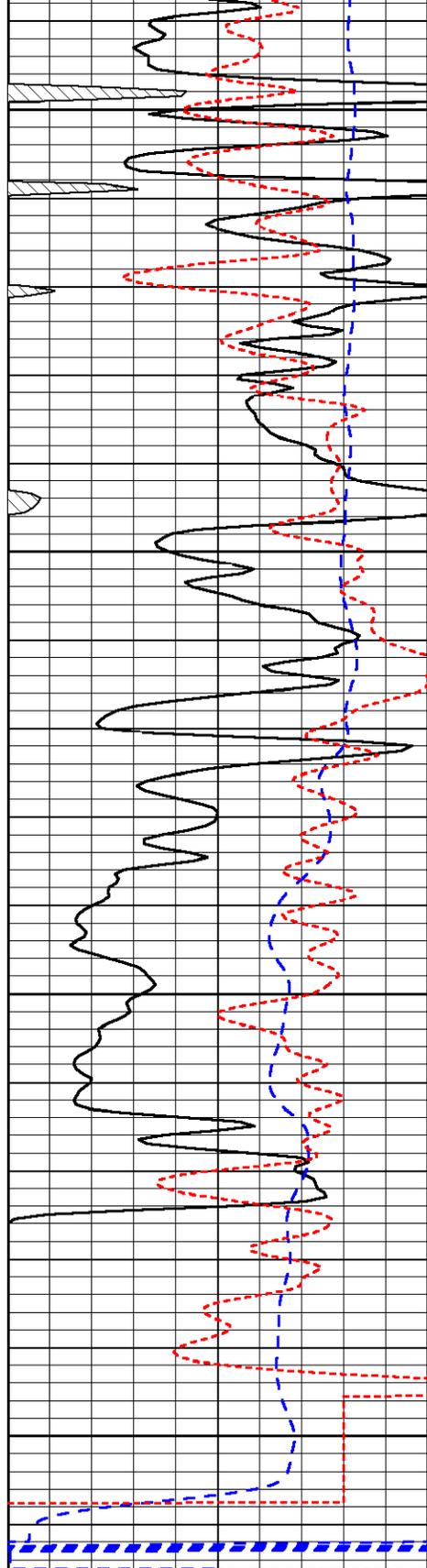


34

34

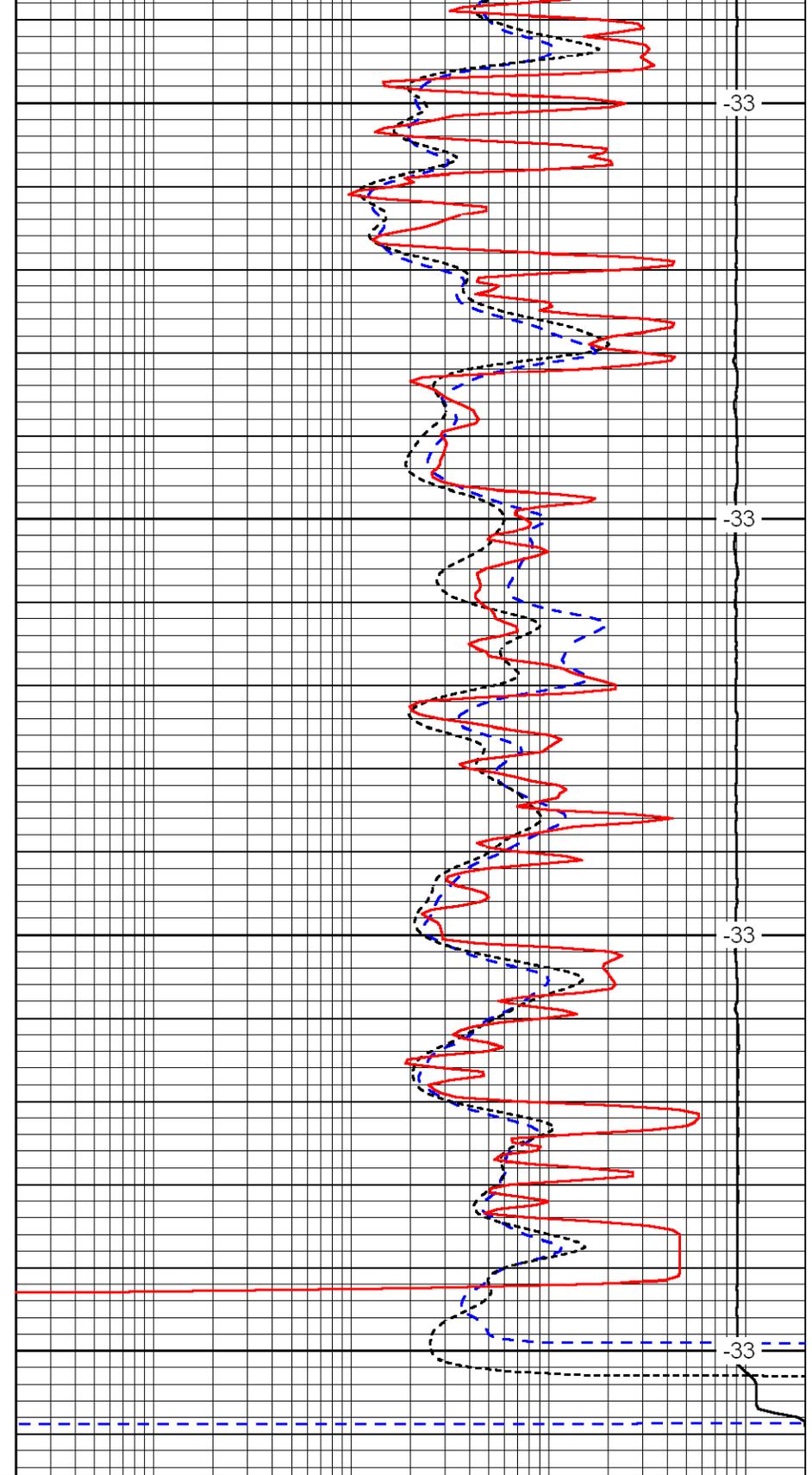
34

34



4550  
4600  
4650  
4700

0	Gamma Ray	150
-200	SP	0
-160	Rxo / Rt	40



-33  
-33  
-33  
-33

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

LSPD