



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	15-101-22,232-00-00		
Company	Flatirons Resources L.L.C.		
Well	Church Lawrence Unit No. 11-14		
Field	Northwest		
County	Lane	State	Kansas
Location	1085' FNL & 1300' FWL		
Sec: 14	Twp: 16S	Rge: 28W	
Permanent Datum	Ground Level	Elevation 2628	Other Services CNL/CDL MEL/BHCS
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum	K.B. 2633
Drilling Measured From	Frotkelly Bushing		D.F. G.L. 2628

Date	05/22/2010
Run Number	One
Depth Driller	4575
Depth Logger	4574
Bottom Logged Interval	4573
Top Log Interval	200
Casing Driller	8.625 @ 217
Casing Logger	217
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	3.500
Density / Viscosity	9.2 60
pH / Fluid Loss	10.0 8.8
Source of Sample	Flowline
Rm @ Meas. Temp	1 @ 70
Rmf @ Meas. Temp	.75 @ 70
Rmc @ Meas. Temp	1.35 @ 70
Source of Rmf / Rmc	Charts
Rm @ BHT	.57 @ 124
Operating Rig Time	5 Hours
Max Rec. Temp. F	124
Equipment Number	10
Location	Hays
Recorded By	Jason Wellbrock
Witnessed By	Clayton Erickson

<<< 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

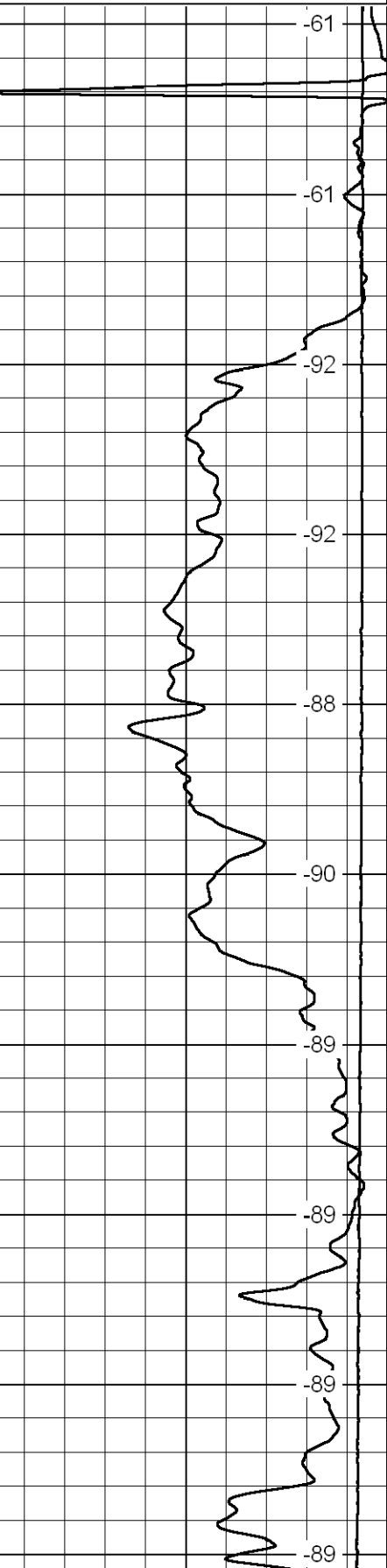
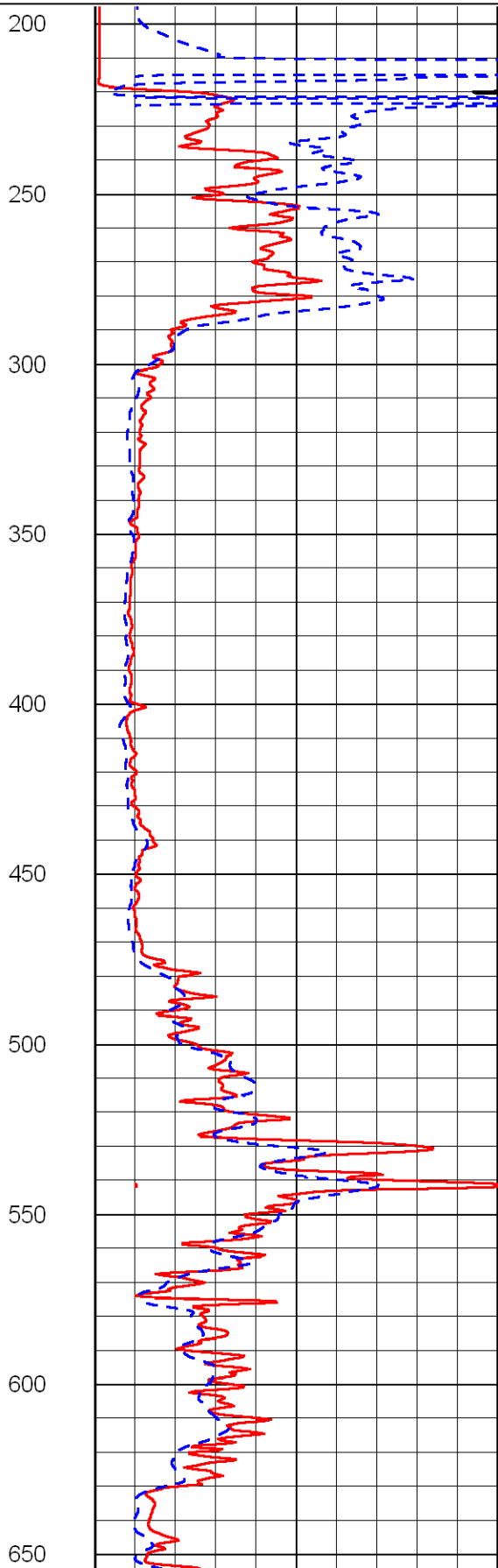
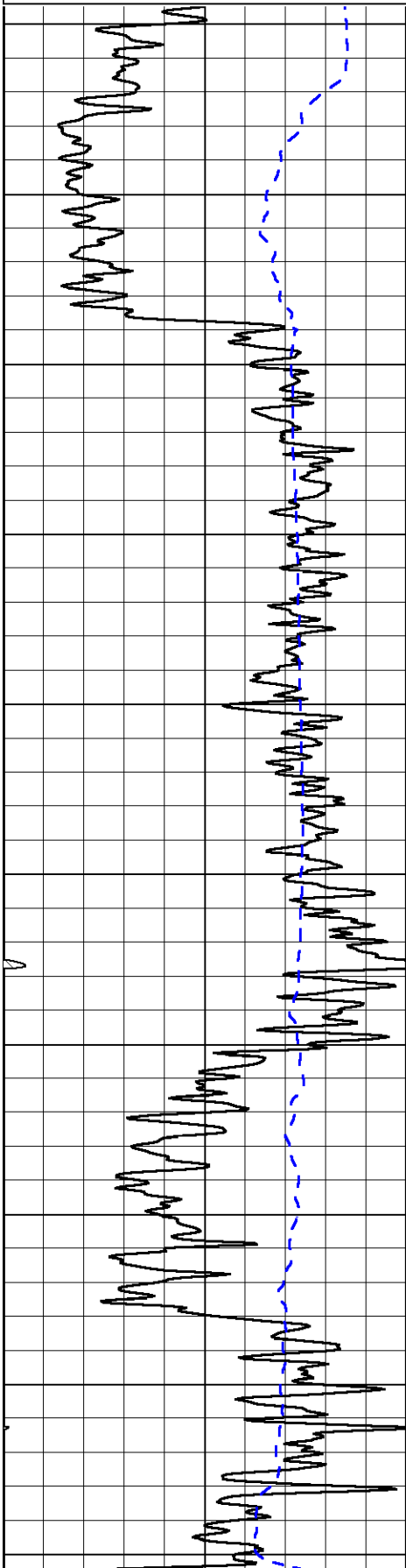
Shields 4E, 1 1/2 N, W Into

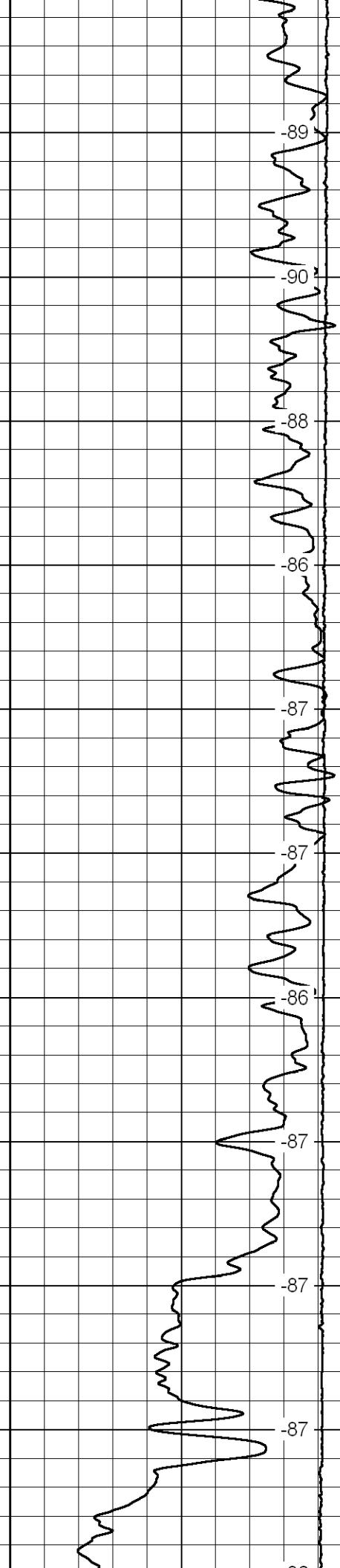
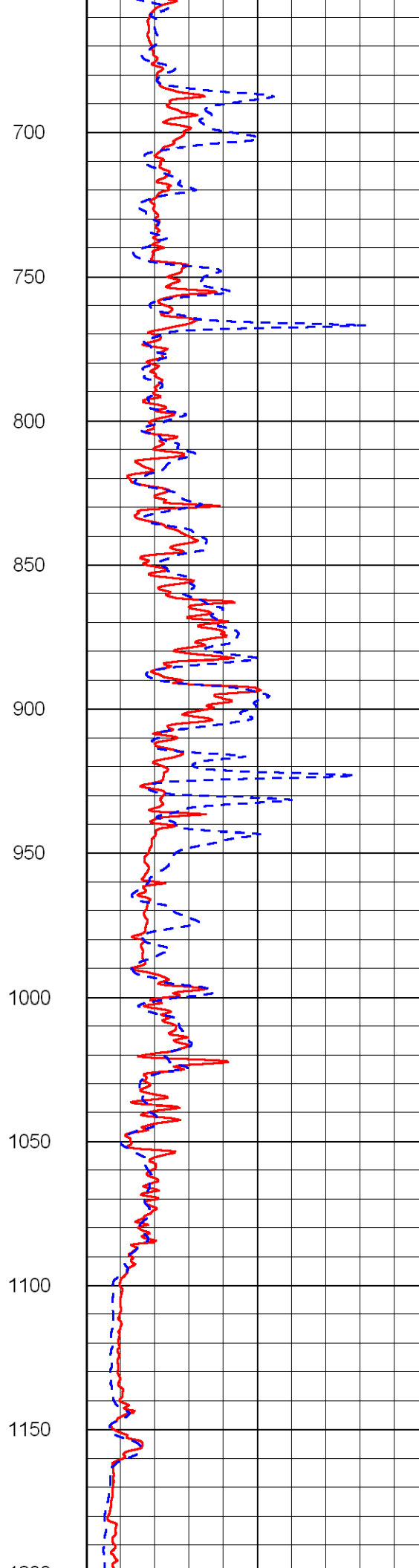
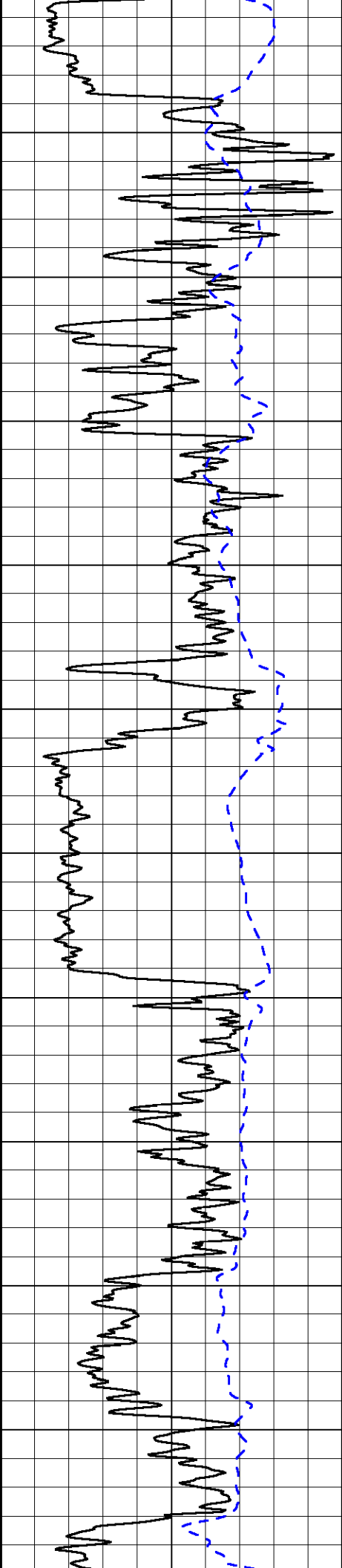
Database File:	flathd.db
Dataset Pathname:	dil/flat2in
Presentation Format:	dil2in
Dataset Creation:	Sat May 22 11:03:20 2010
Charted by:	Depth in Feet scaled 1:600

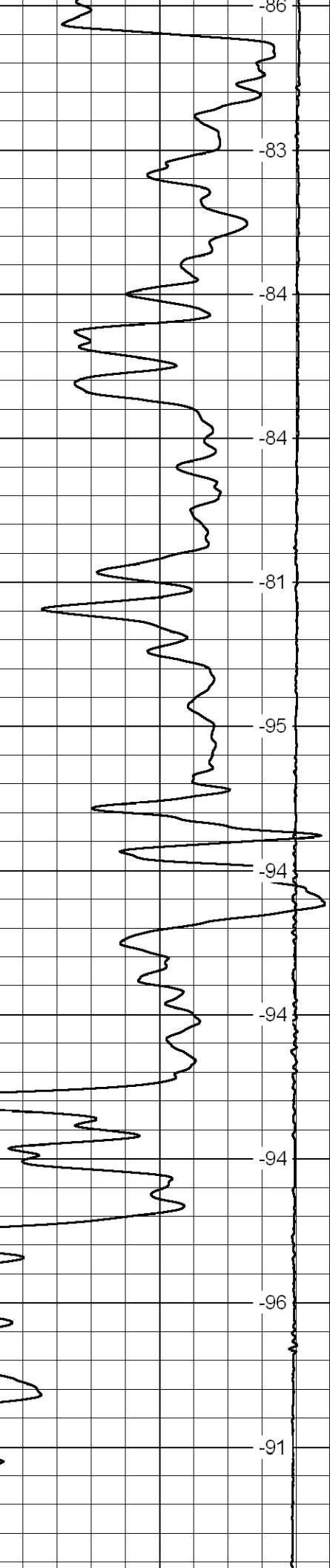
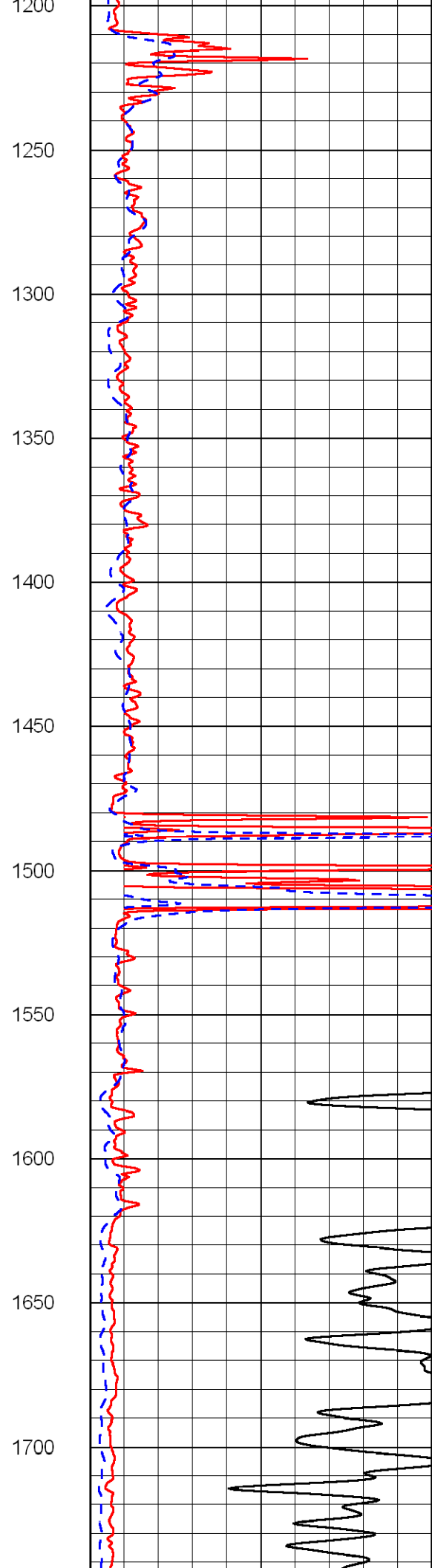
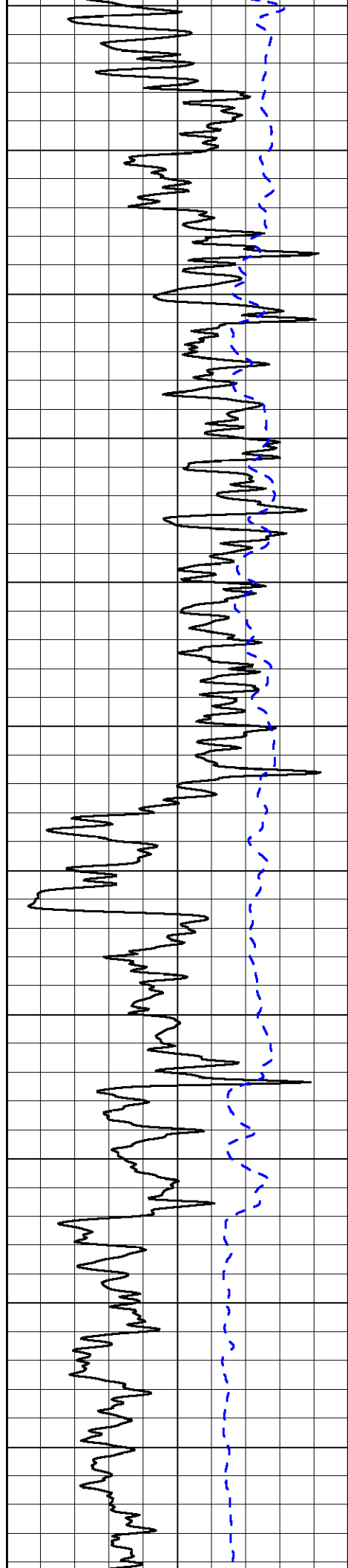
0 Gamma Ray 150
-200 SP (mV) 0

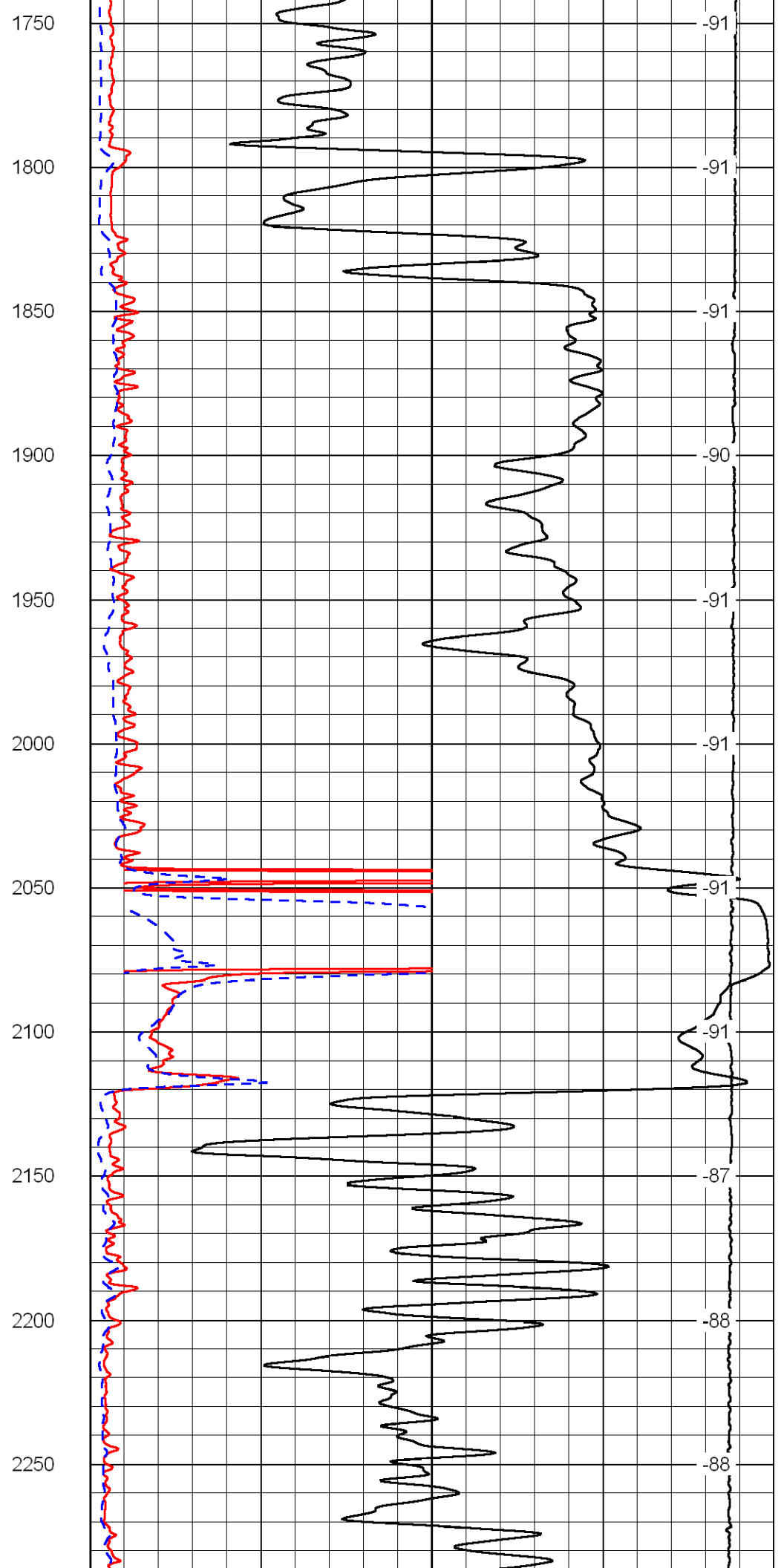
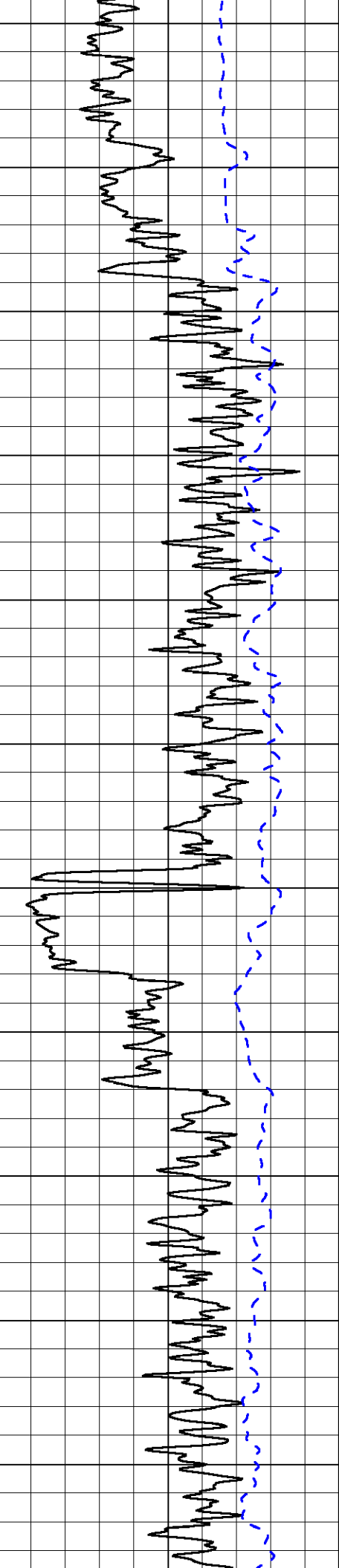
0 Shallow Resistivity (Ohm-m) 50
0 Deep Resistivity (Ohm-m) 50
1000 Conductivity (mmho/m) 0
15000 Line Tension (lb) 0
50 Shallow Resistivity (Ohm-m) 500
50 Deep Resistivity (Ohm-m) 500

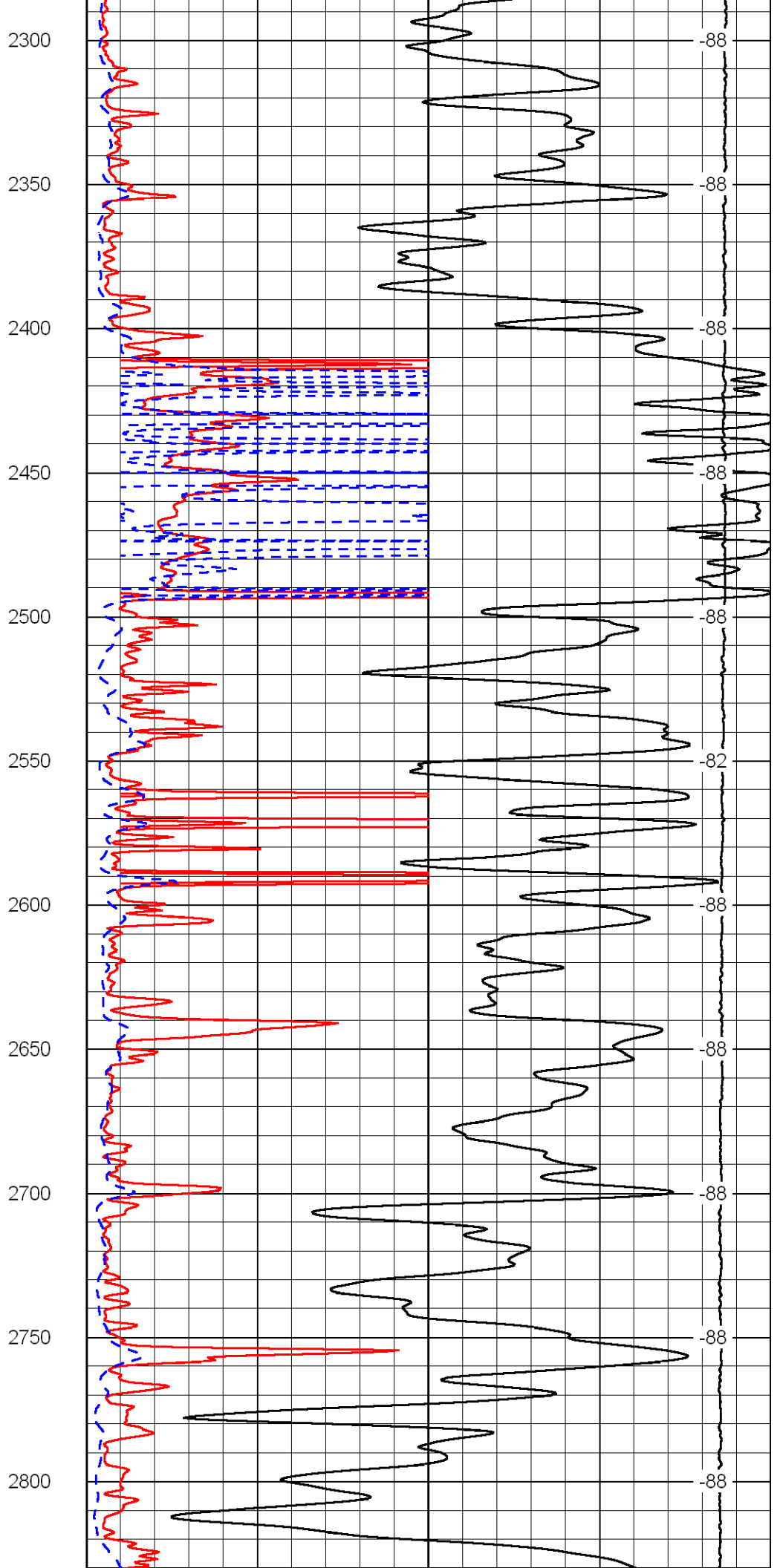
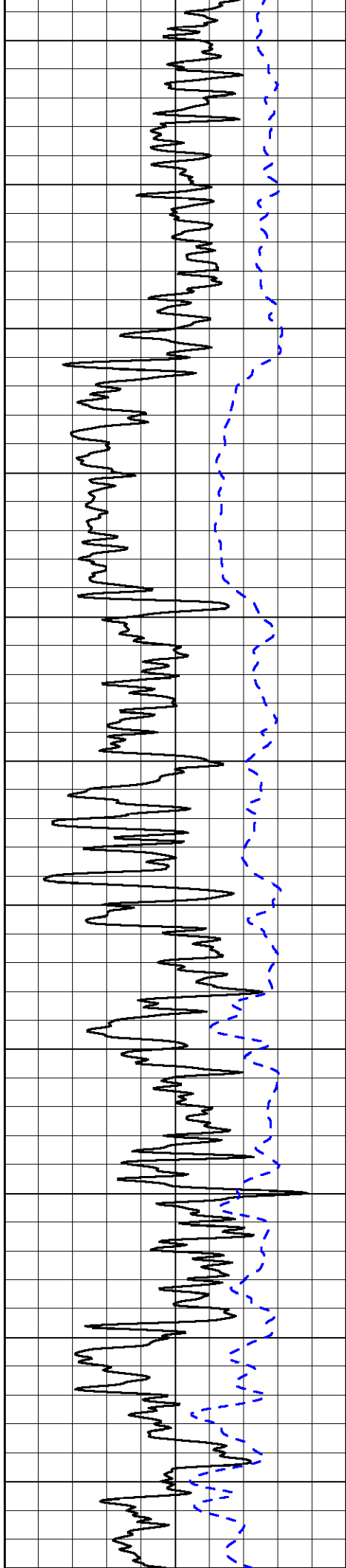
LSPD
(ft/min)

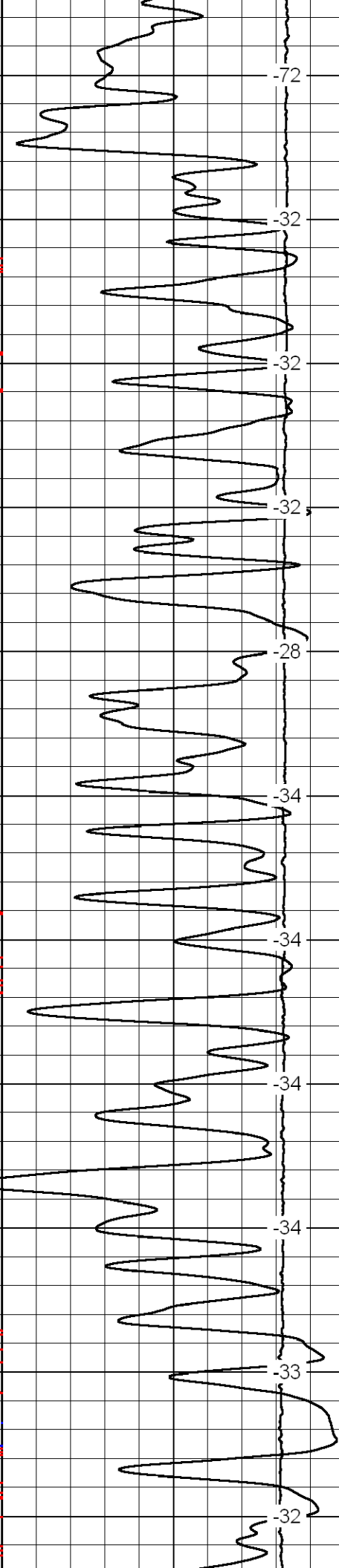
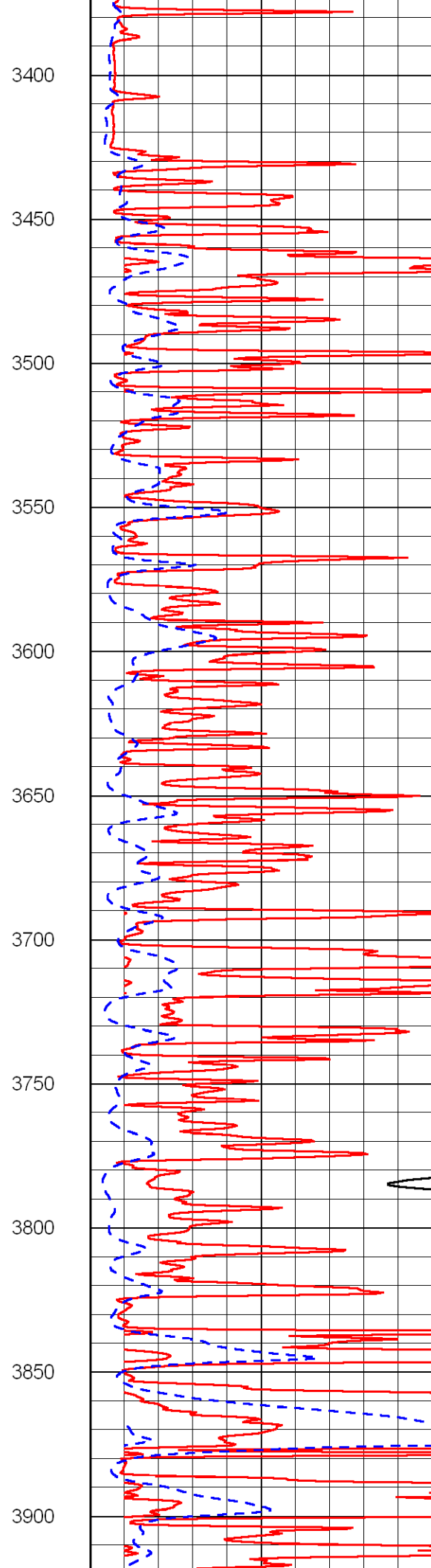
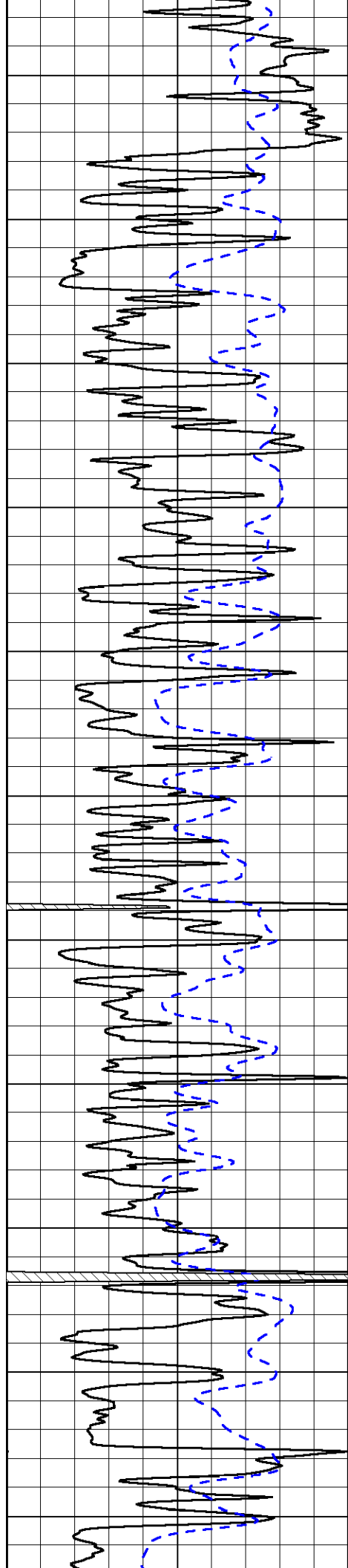


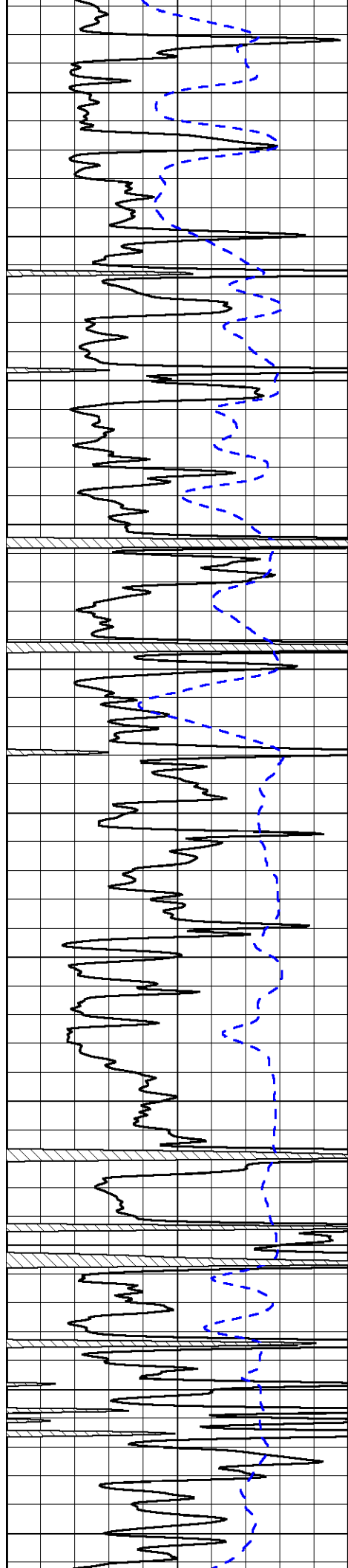




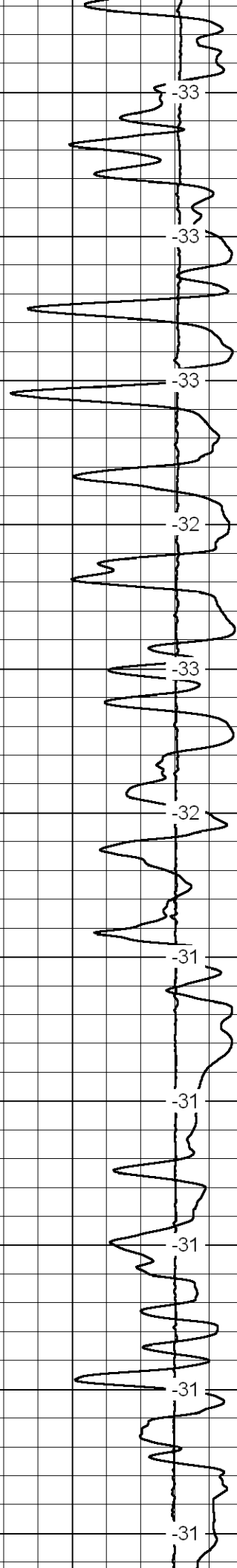
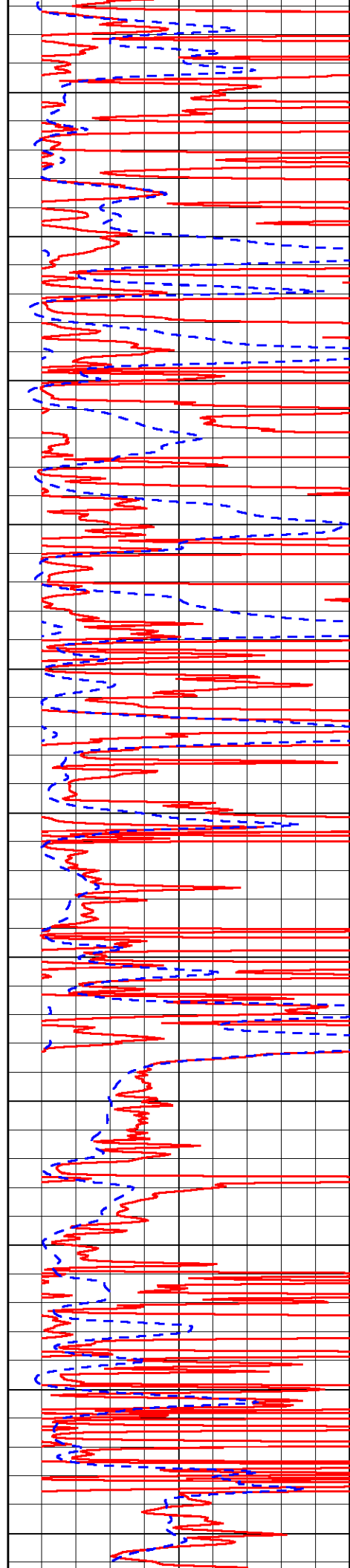


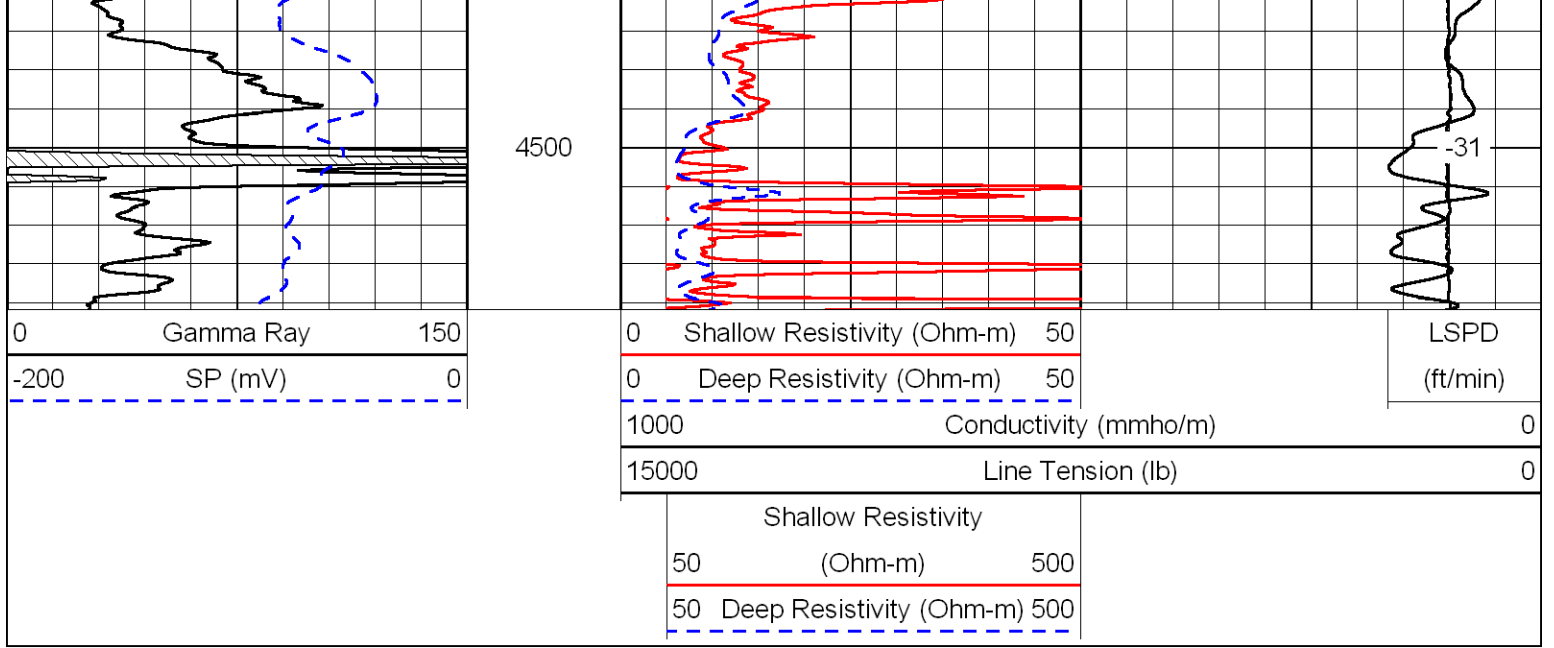




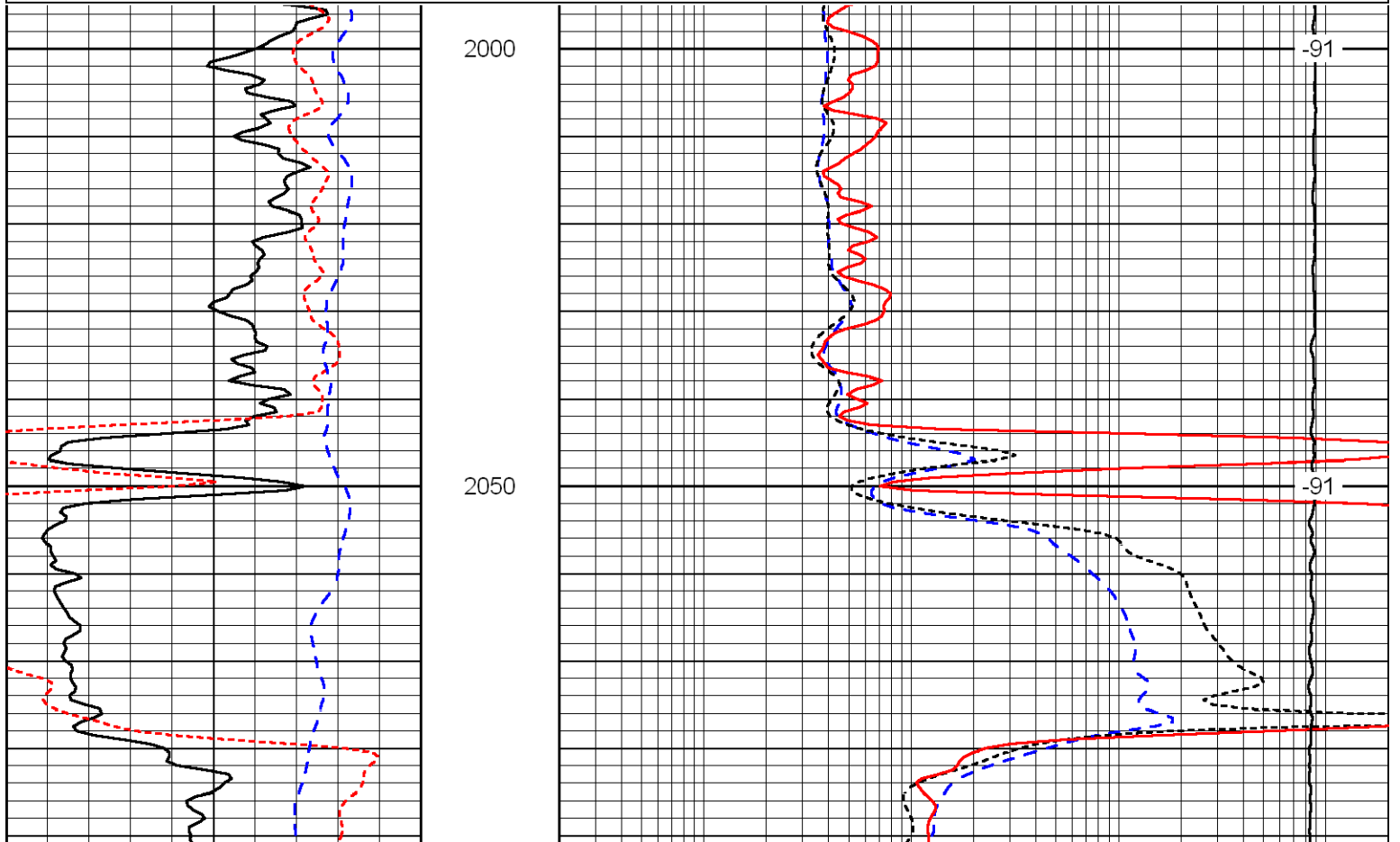
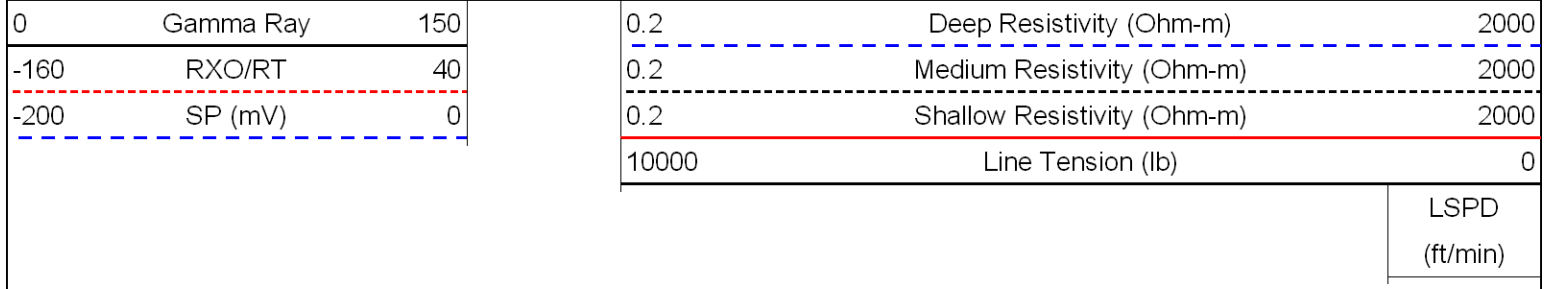


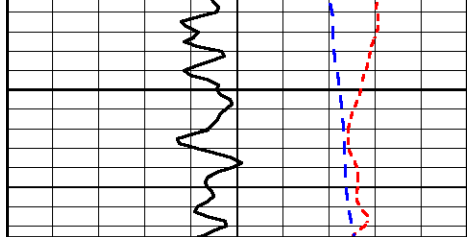
3950
4000
4050
4100
4150
4200
4250
4300
4350
4400
4450





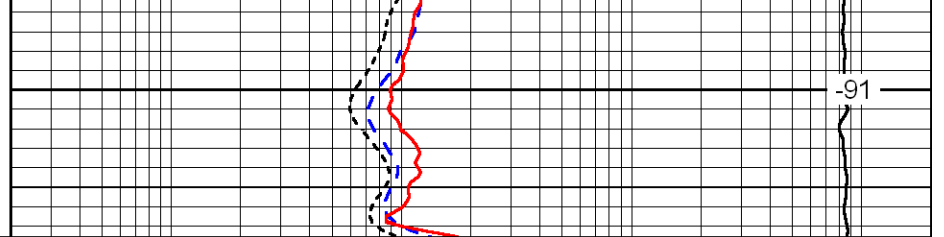
Database File: flathd.db
 Dataset Pathname: dil/flat2in
 Presentation Format: dil
 Dataset Creation: Sat May 22 11:03:20 2010
 Charted by: Depth in Feet scaled 1:240





2100

0	Gamma Ray	150
-160	RXO/RT	40
-200	SP (mV)	0



-91

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

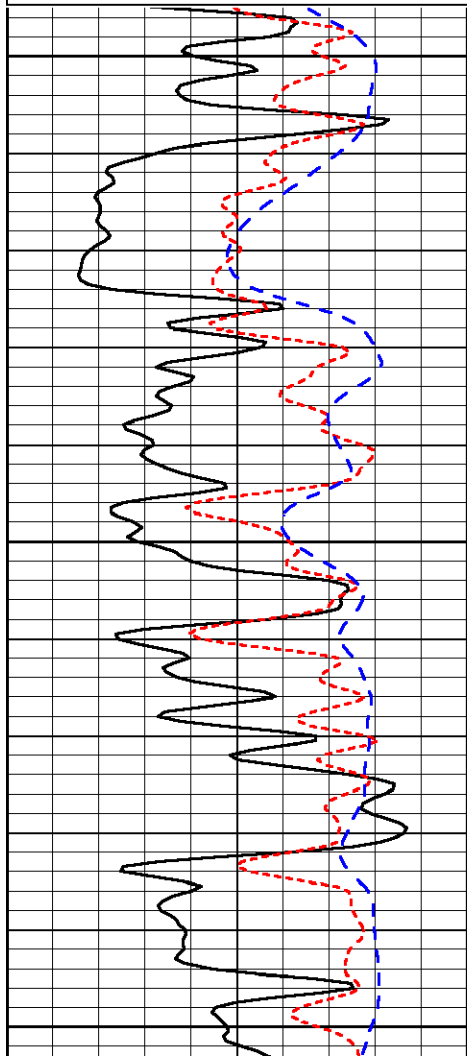
LSPD
(ft/min)

Database File: flathd.db
 Dataset Pathname: dil/flat2in
 Presentation Format: dil
 Dataset Creation: Sat May 22 11:03:20 2010
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
-160	RXO/RT	40
-200	SP (mV)	0

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

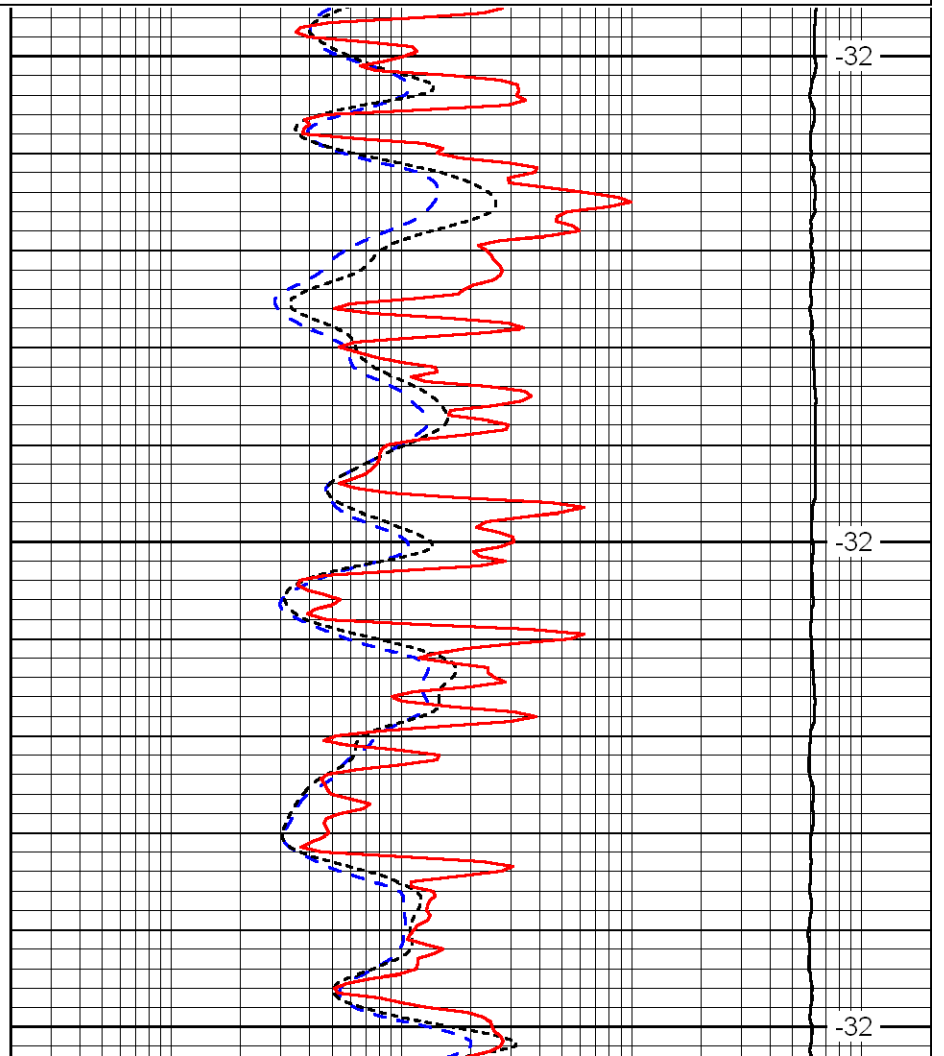
LSPD
(ft/min)



3450

3500

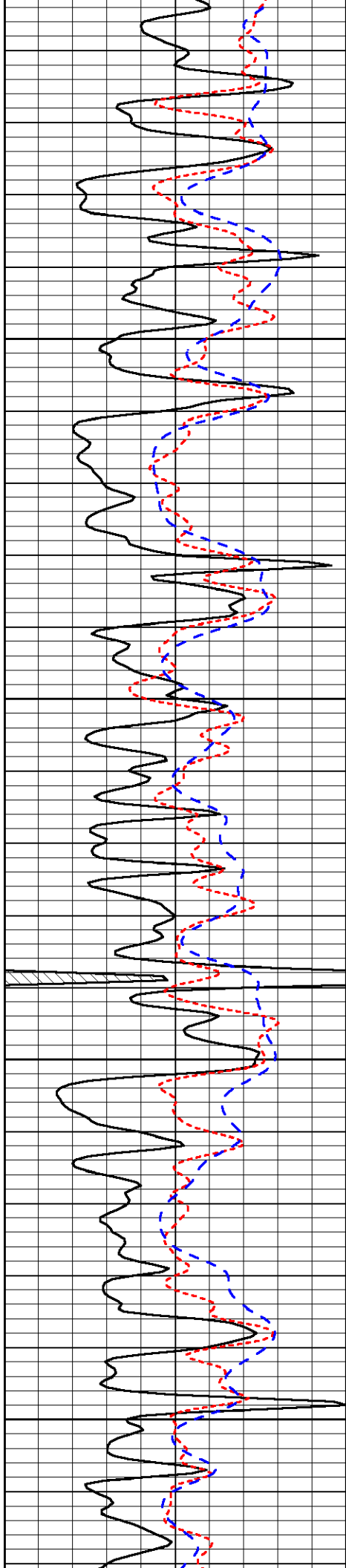
3550



-32

-32

-32

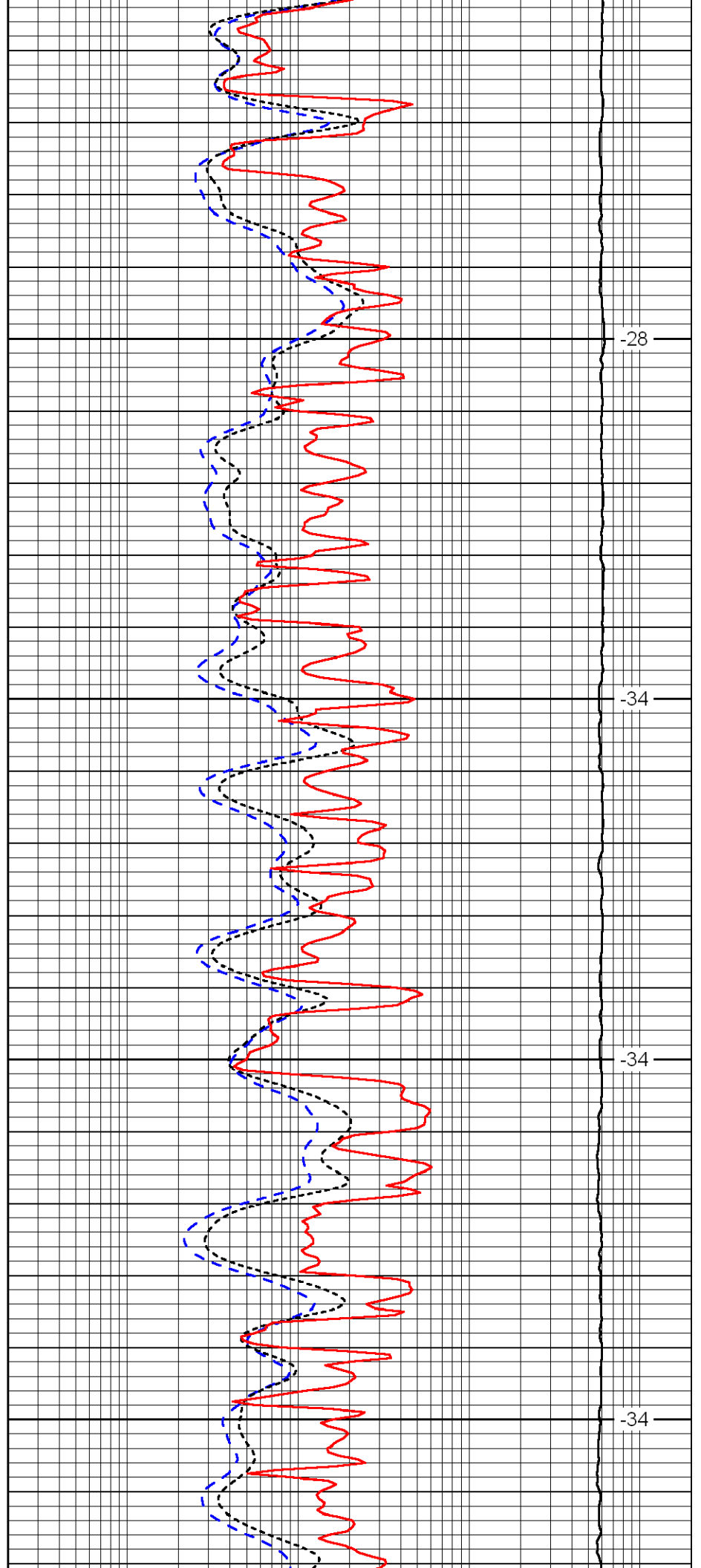


3600

3650

3700

3750

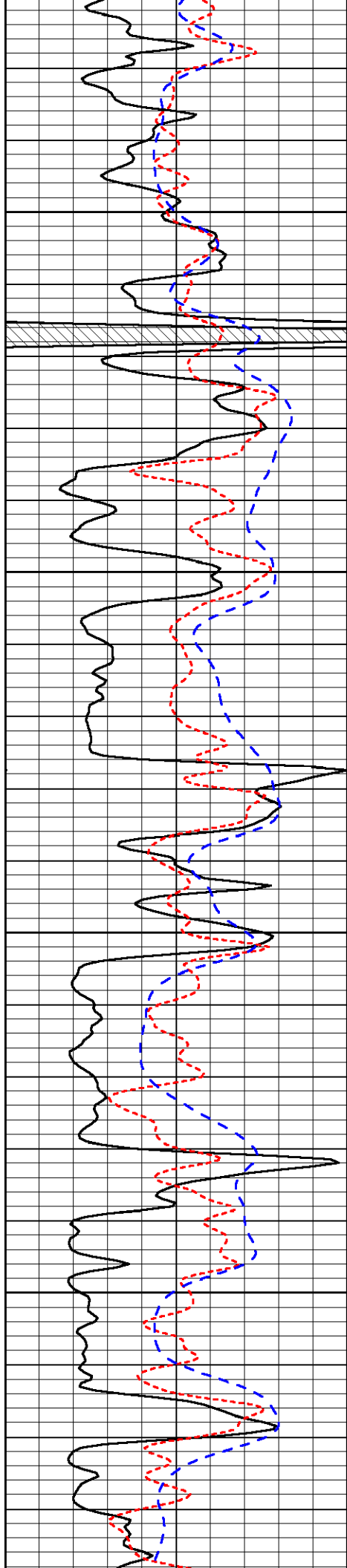


-28

-34

-34

-34

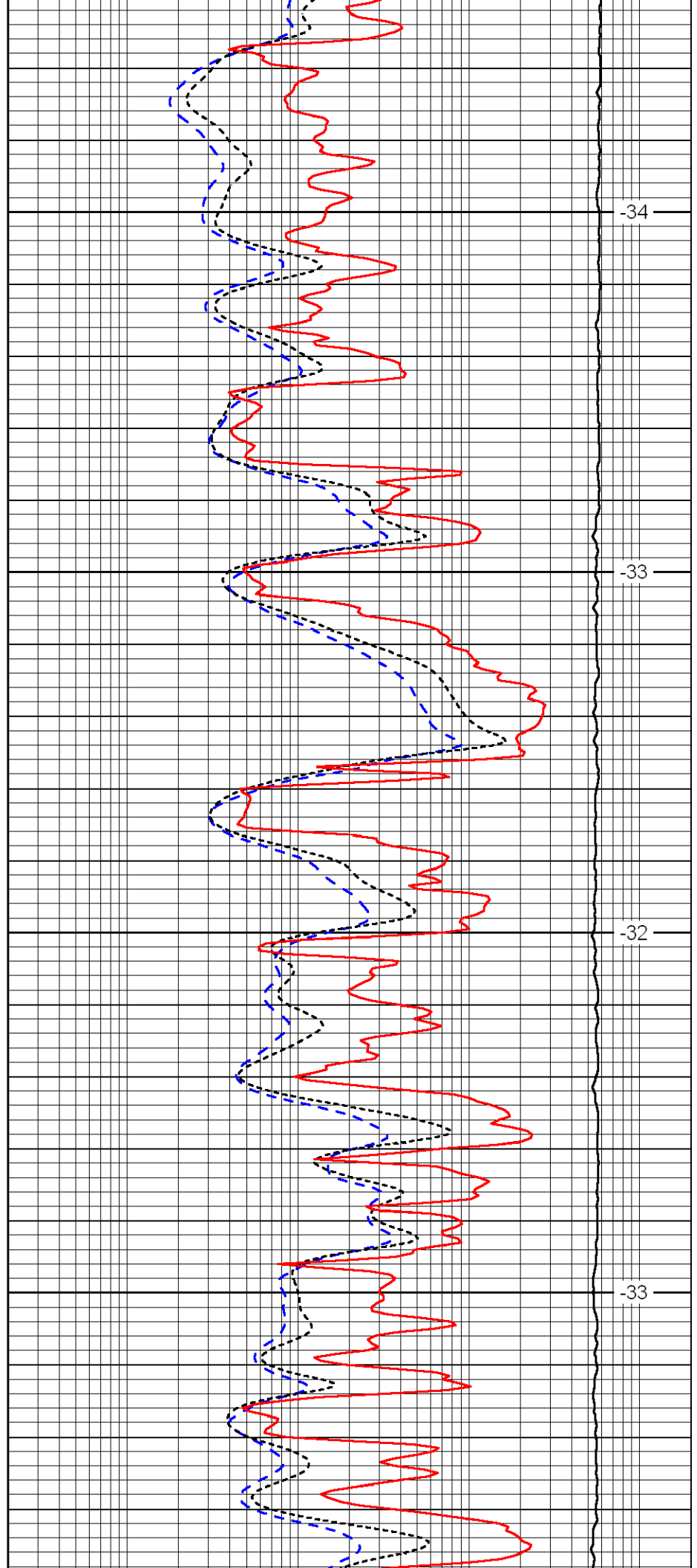


3800

3850

3900

3950

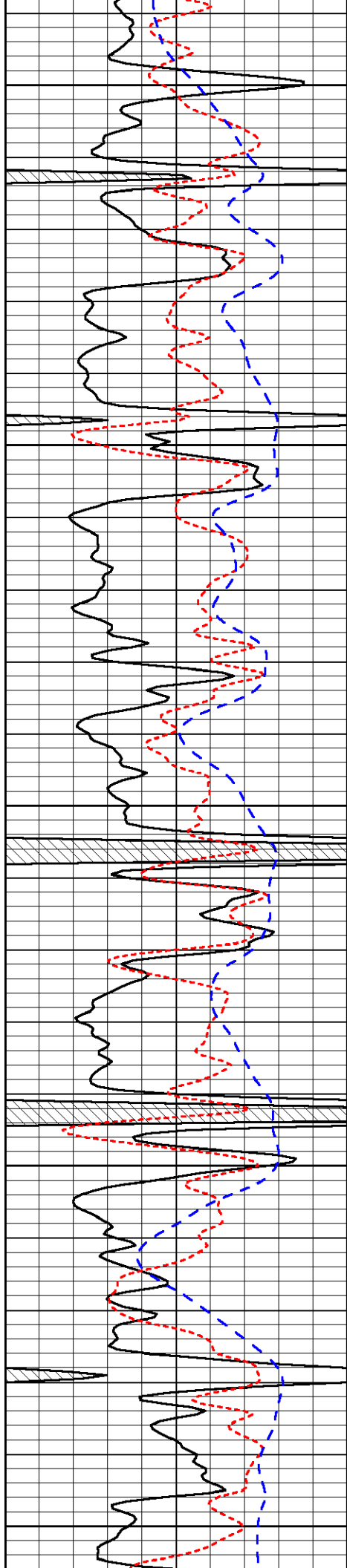


-34

-33

-32

-33



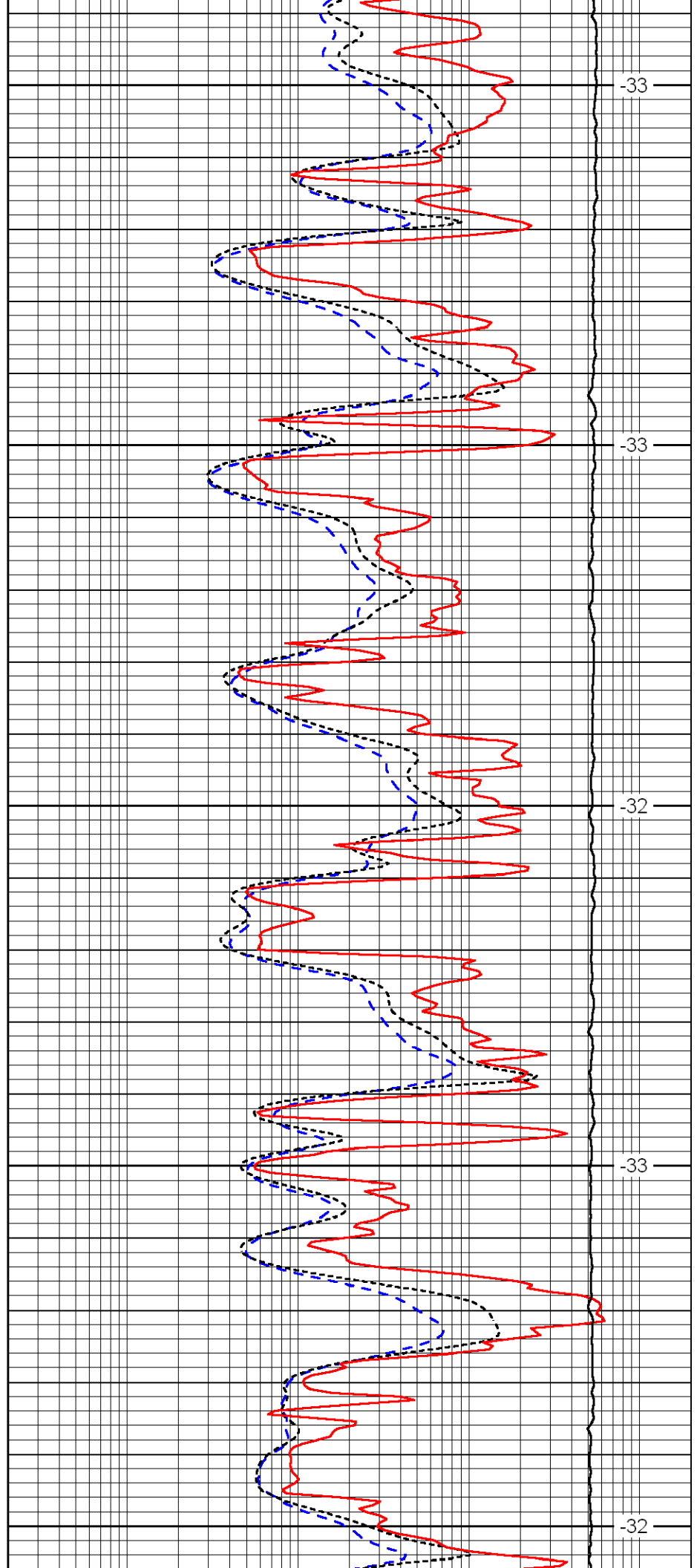
4000

4050

4100

4150

4200



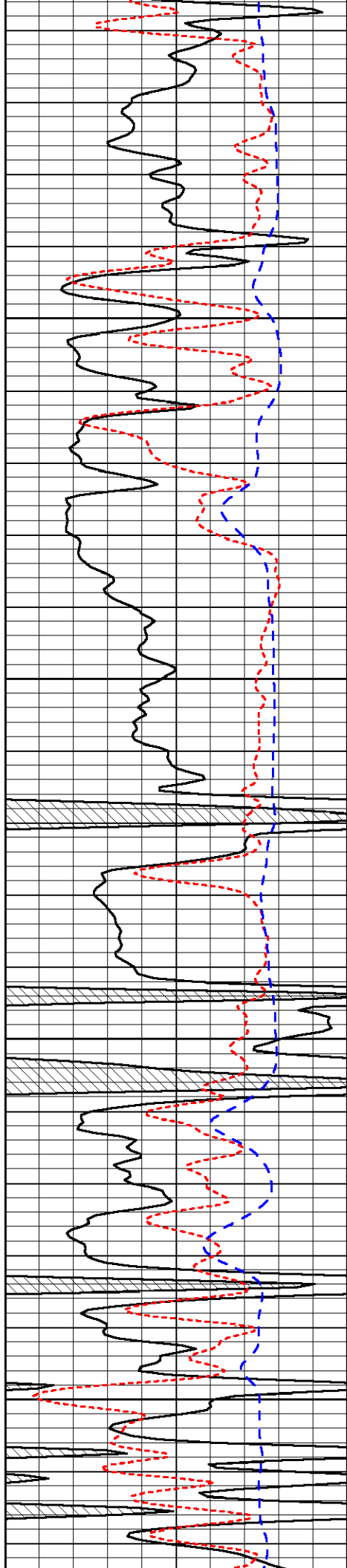
-33

-33

-32

-33

-32

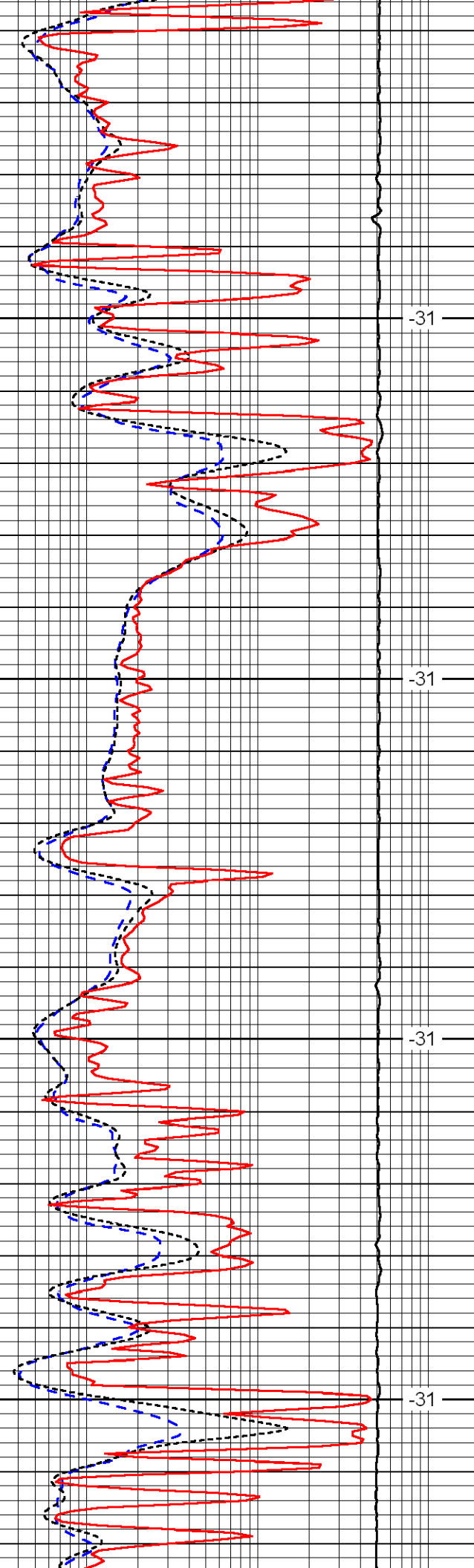


4250

4300

4350

4400

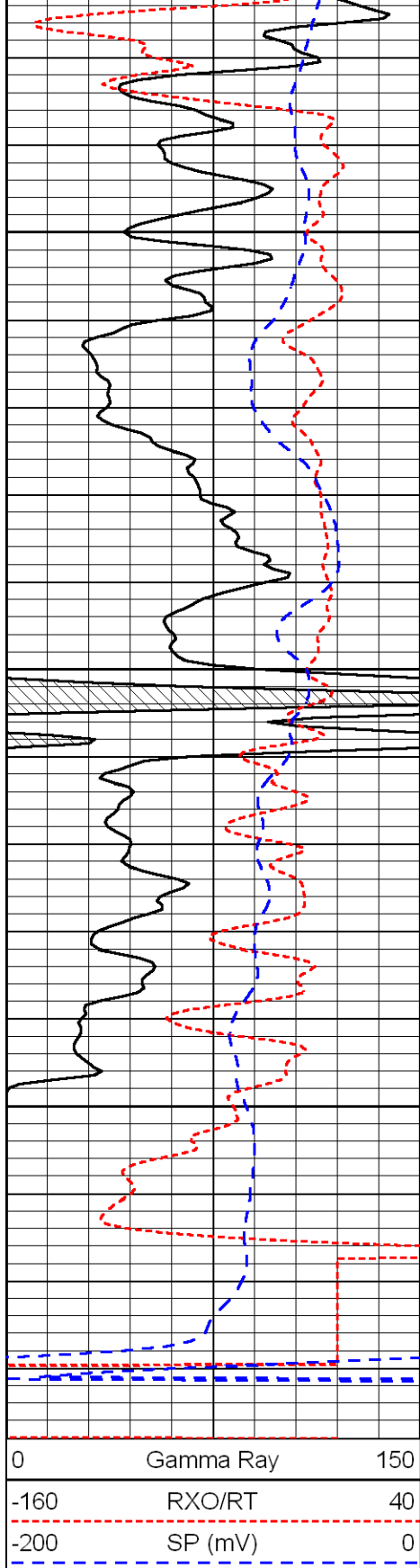


-31

-31

-31

-31

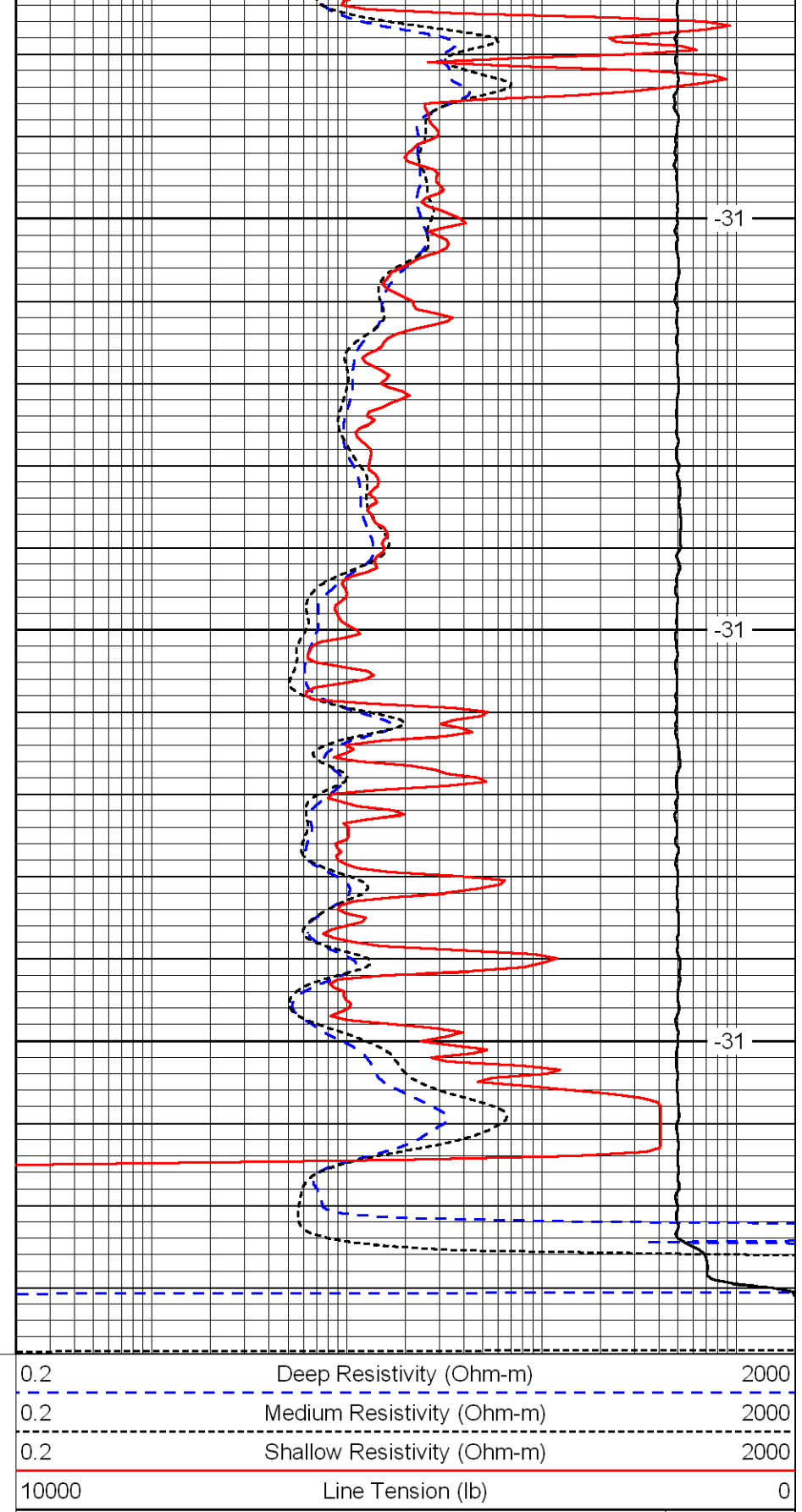


4450

4500

4550

0	Gamma Ray	150
-160	RXO/RT	40
-200	SP (mV)	0



-31

-31

-31

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

LSPD
(ft/min)