



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	15-109-20,868-00-00	
Company	MAK-J Energy Kansas L.L.C.	
Well	BH Riner-Kroneberger Trust No. 1-7	
Field	Wildcat	
County	Logan	State Kansas
Location	386' FNL & 164' FEL	
Sec: 7	Twp: 14S	Rge: 32W
Permanent Datum	Ground Level	Elevation 2848
Log Measured From	Kelly Bushing	7 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	K.B. 2855
		D.F. 2848
		G.L. 2848

Date	01/26/2010	
Run Number	One	
Depth Driller	4575	
Depth Logger	4570	
Bottom Logged Interval	4569	
Top Log Interval	300	
Casing Driller	8.625 @ 313	
Casing Logger	316	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	4.000	
Density / Viscosity	9.5	49
pH / Fluid Loss	9.5	10.4
Source of Sample	Flowline	
Rm @ Meas. Temp	.8	@ 65
Rmf @ Meas. Temp	.6	@ 65
Rmc @ Meas. Temp	1.08	@ 65
Source of Rmf / Rmc	Charts	
Rm @ BHT	.42	@ 124
Operating Rig Time	5 Hours	
Max Rec. Temp. F	124	
Equipment Number	10	
Location	Hays	
Recorded By	Jason Wellbrock	
Witnessed By	Steve Murphy	

<<< 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

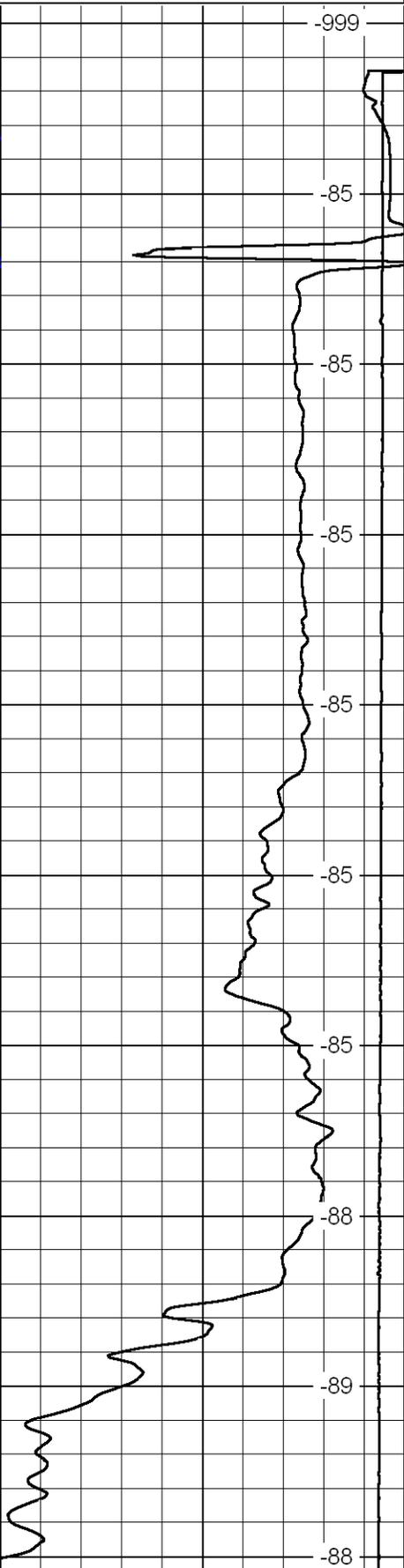
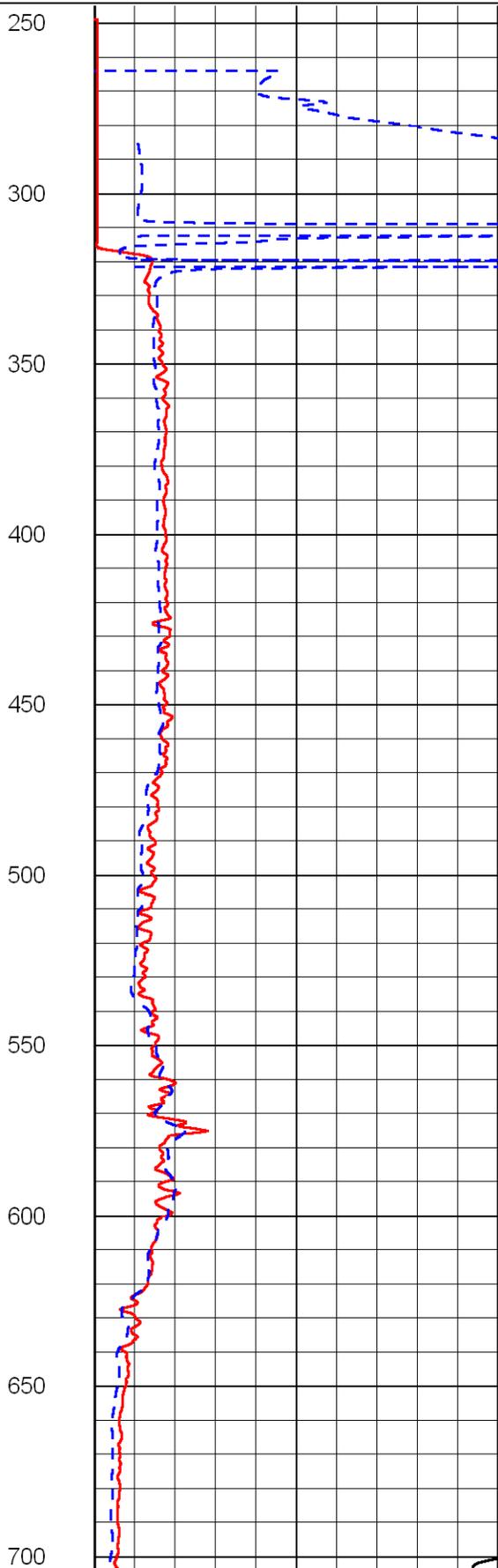
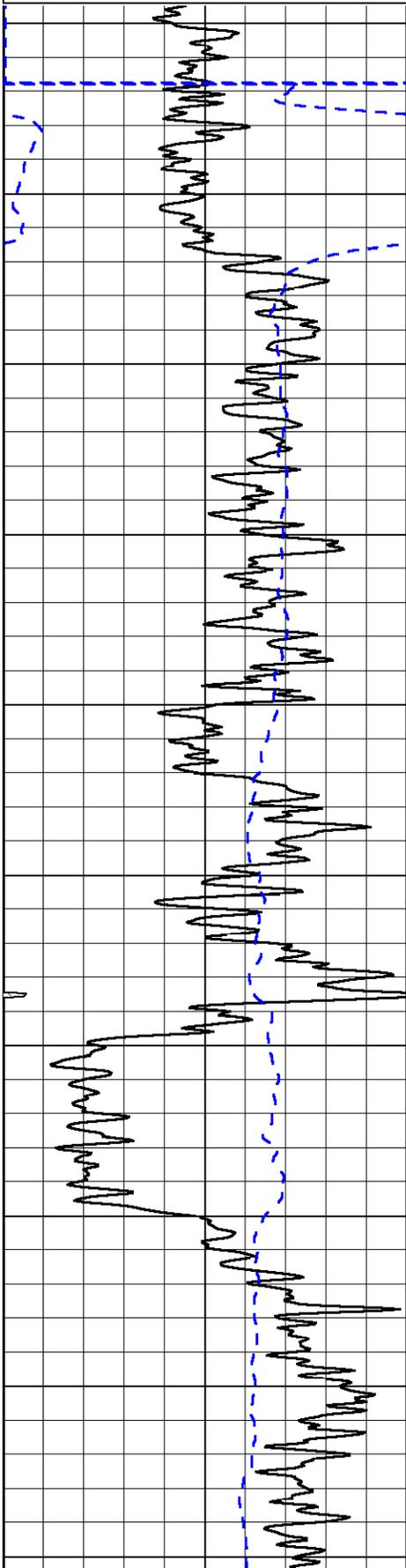
Oakley S 18 to Mustang rd, 2 1/2 W, 1 1/2 S, W Into

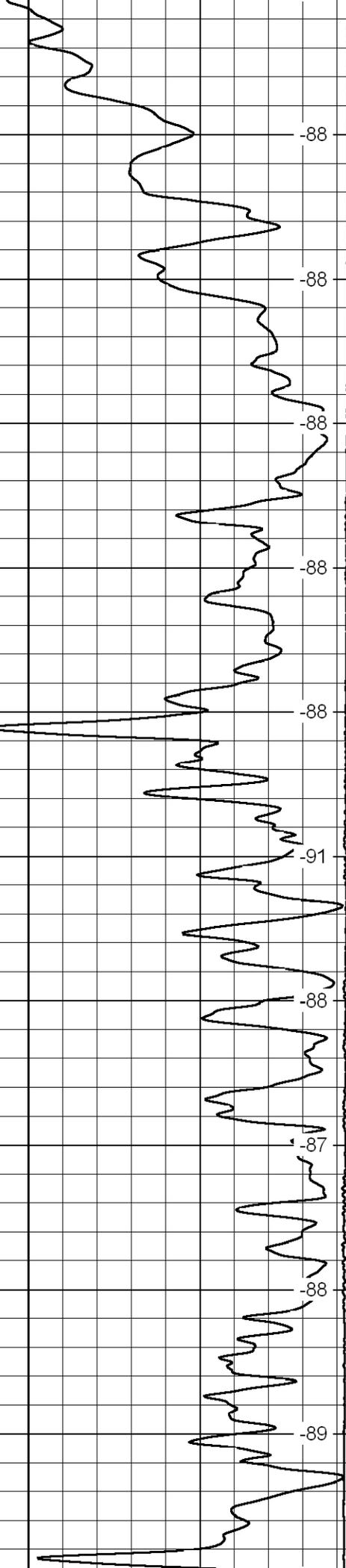
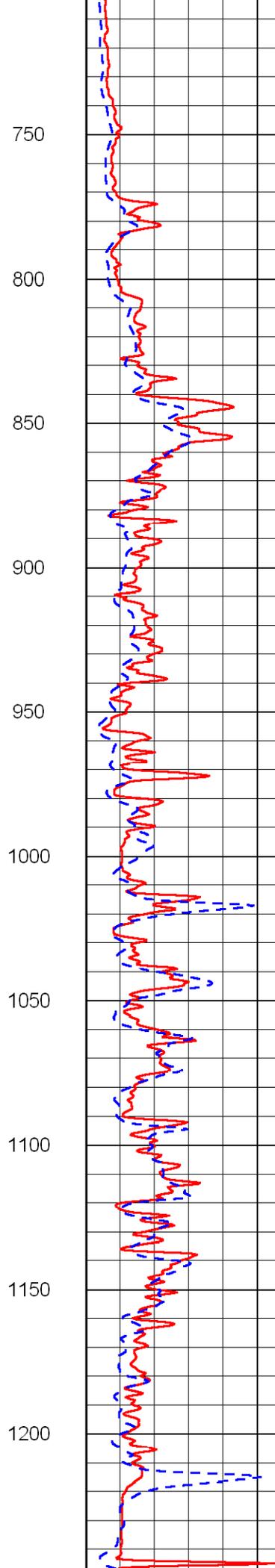
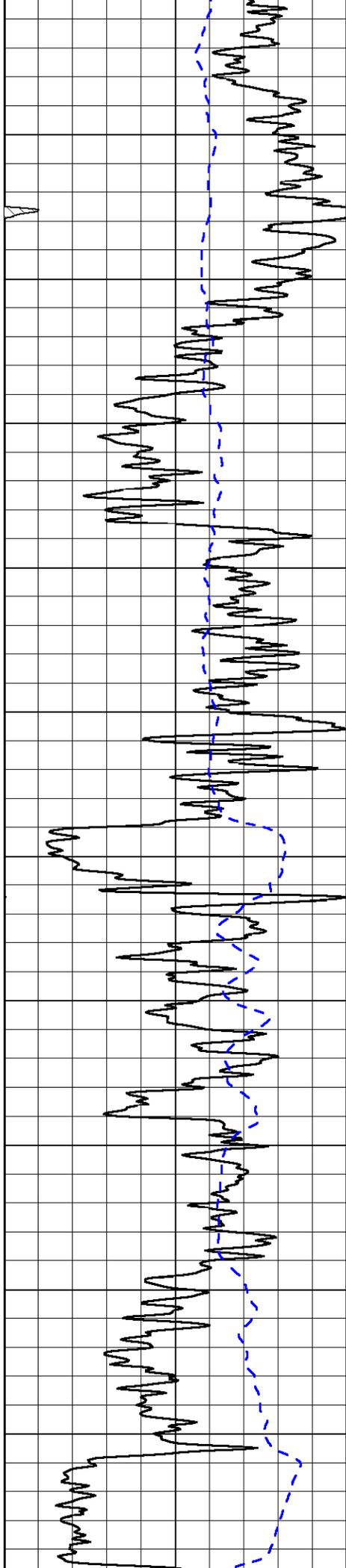
Database File: c:\warrior\data\mak-j_bh riner-kroneberger trust no. 1-7\makjhd.db
 Dataset Pathname: dil/makj
 Presentation Format: dil2in
 Dataset Creation: Tue Jan 26 16:13:36 2010
 Charted by: Depth in Feet scaled 1:600

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)





750

800

850

900

950

1000

1050

1100

1150

1200

-88

-88

-88

-88

-88

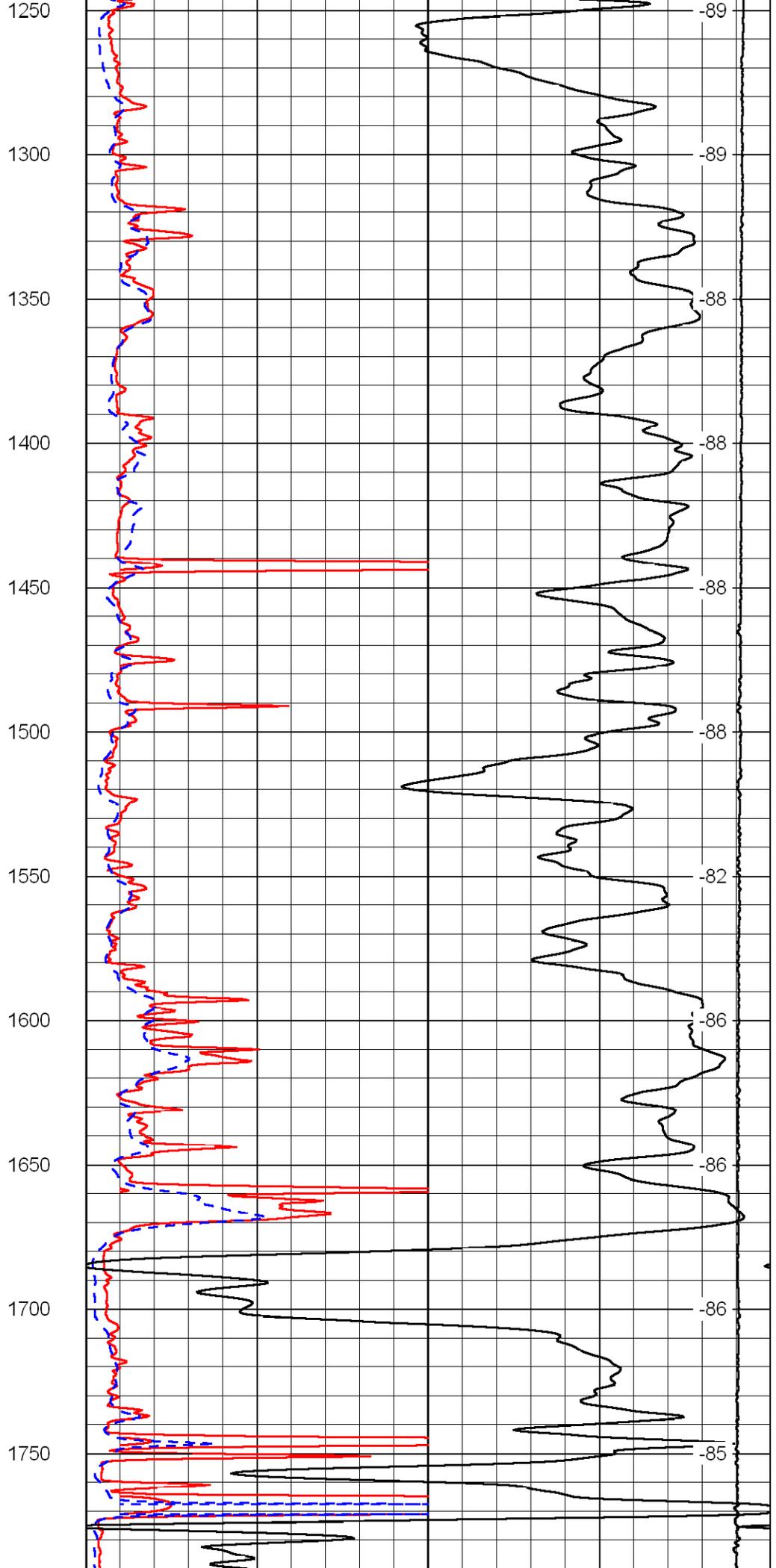
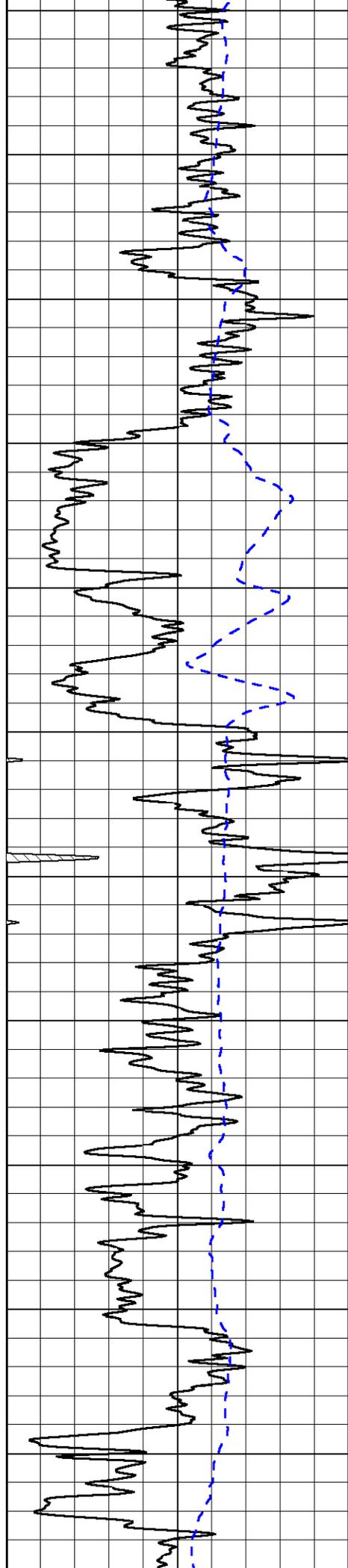
-91

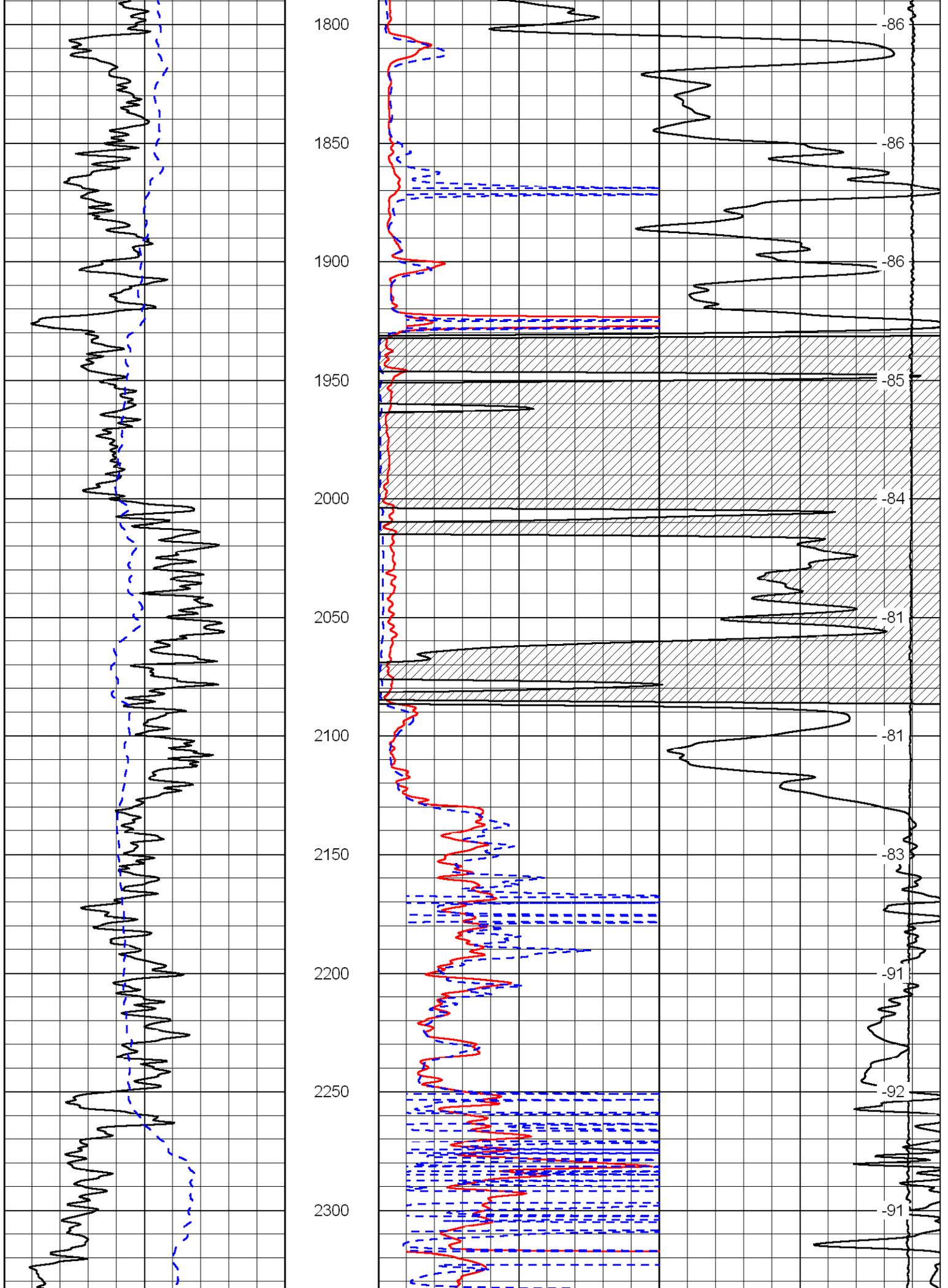
-88

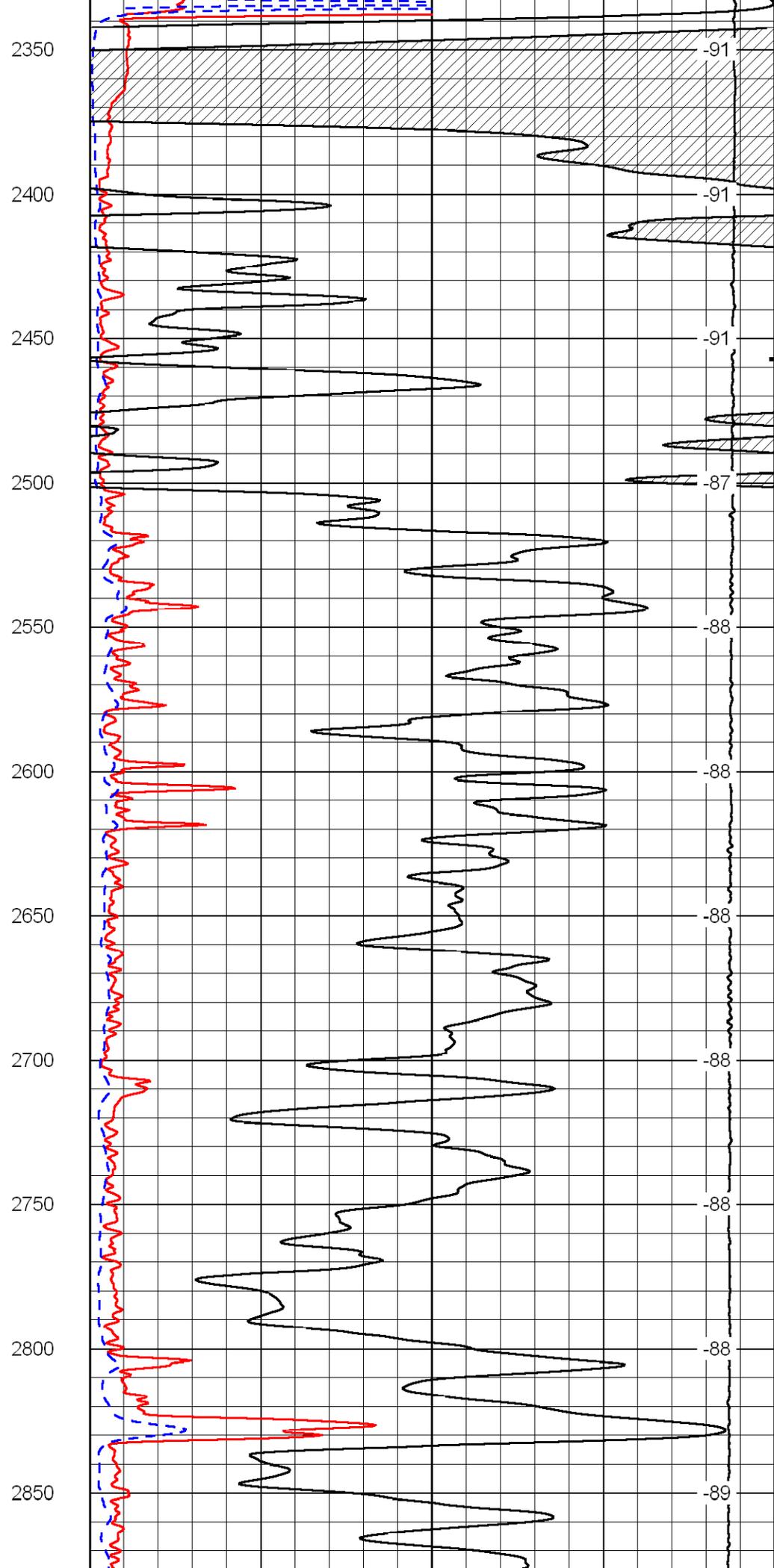
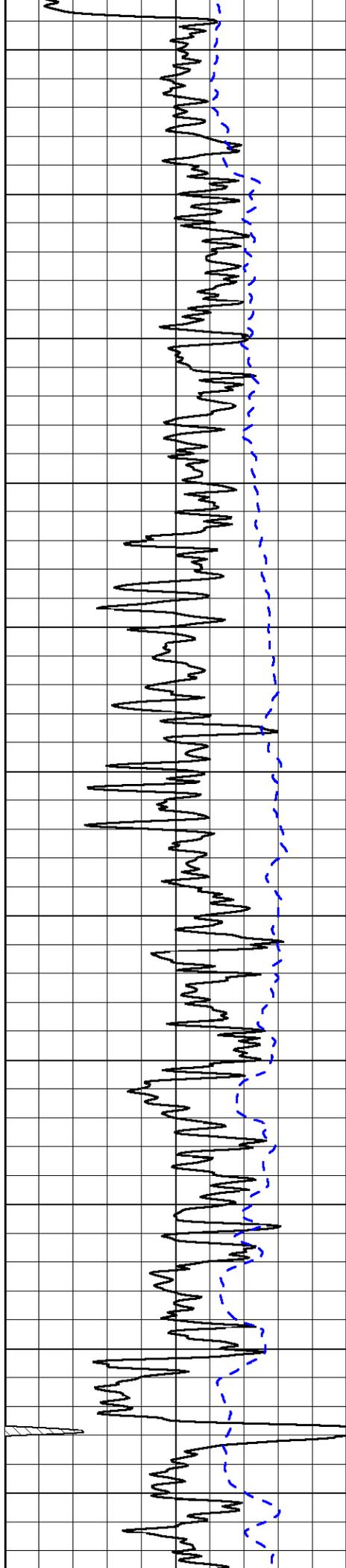
-87

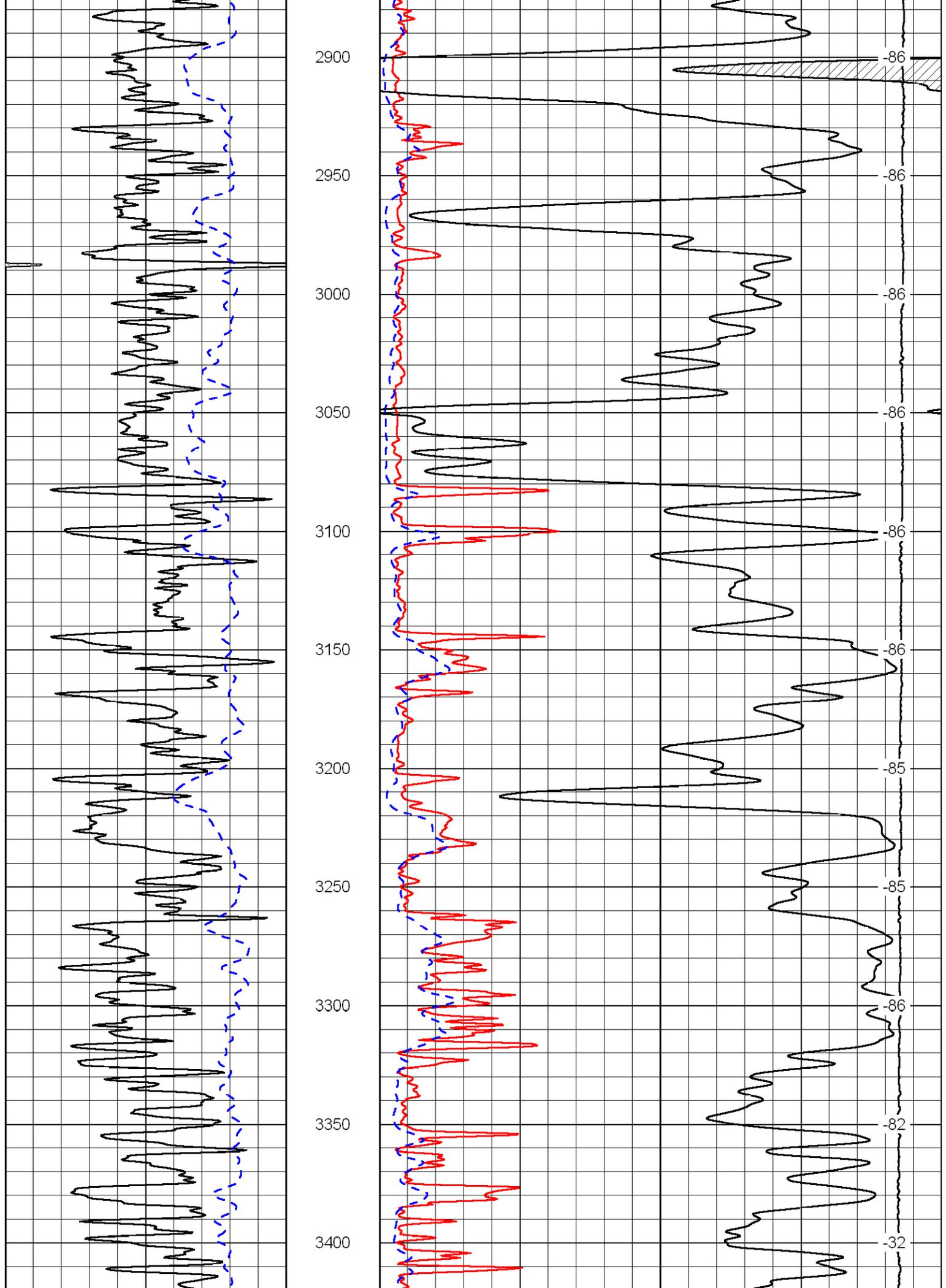
-88

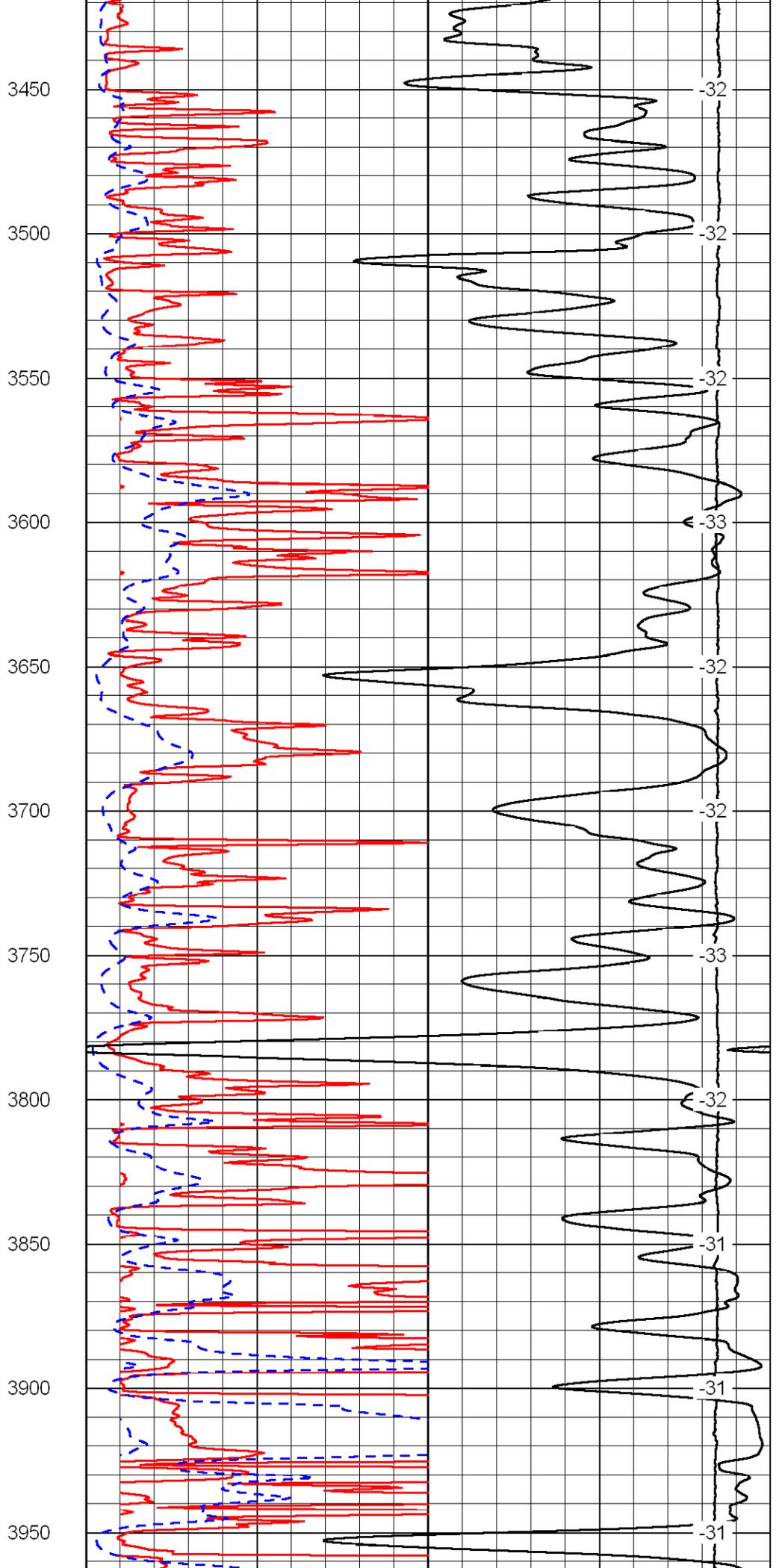
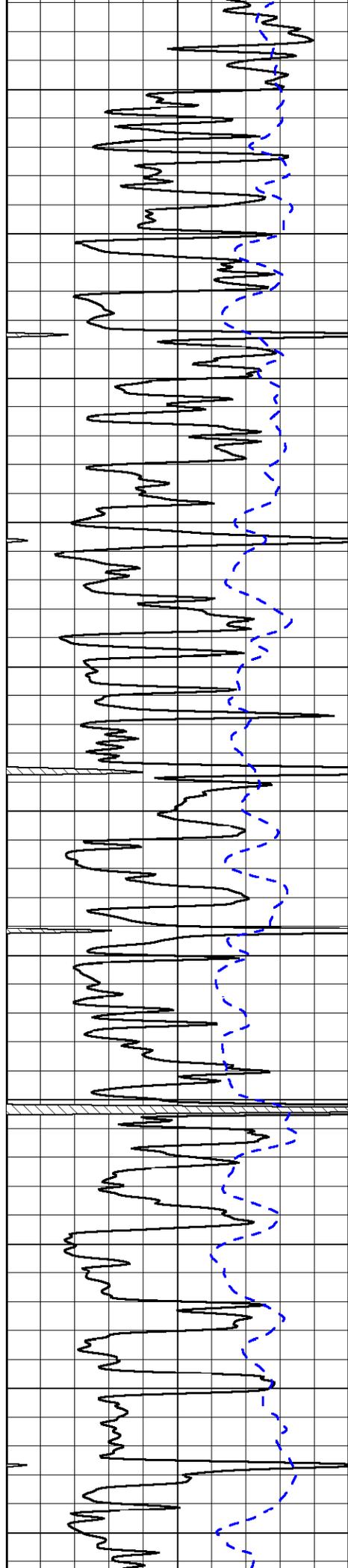
-89

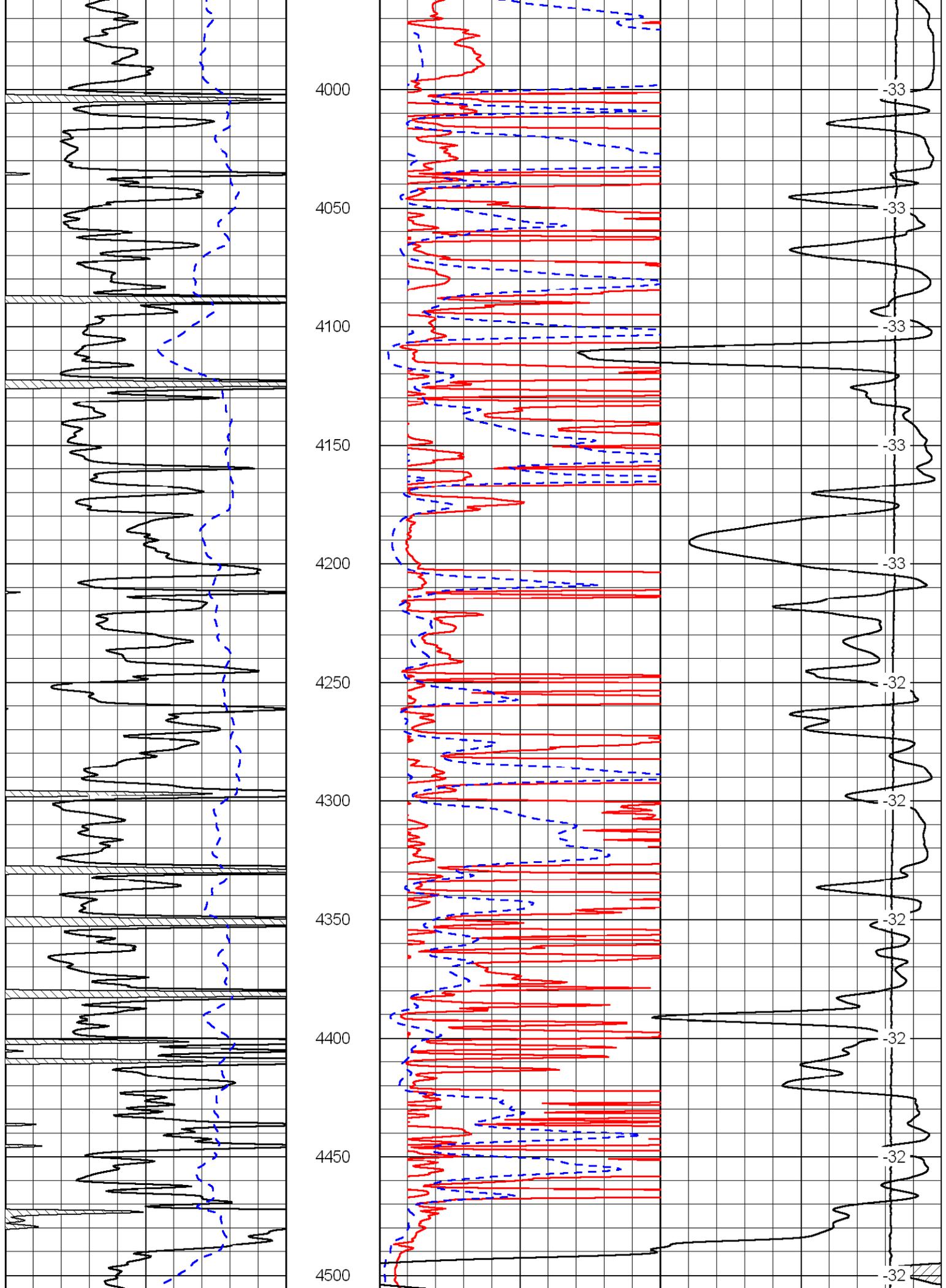


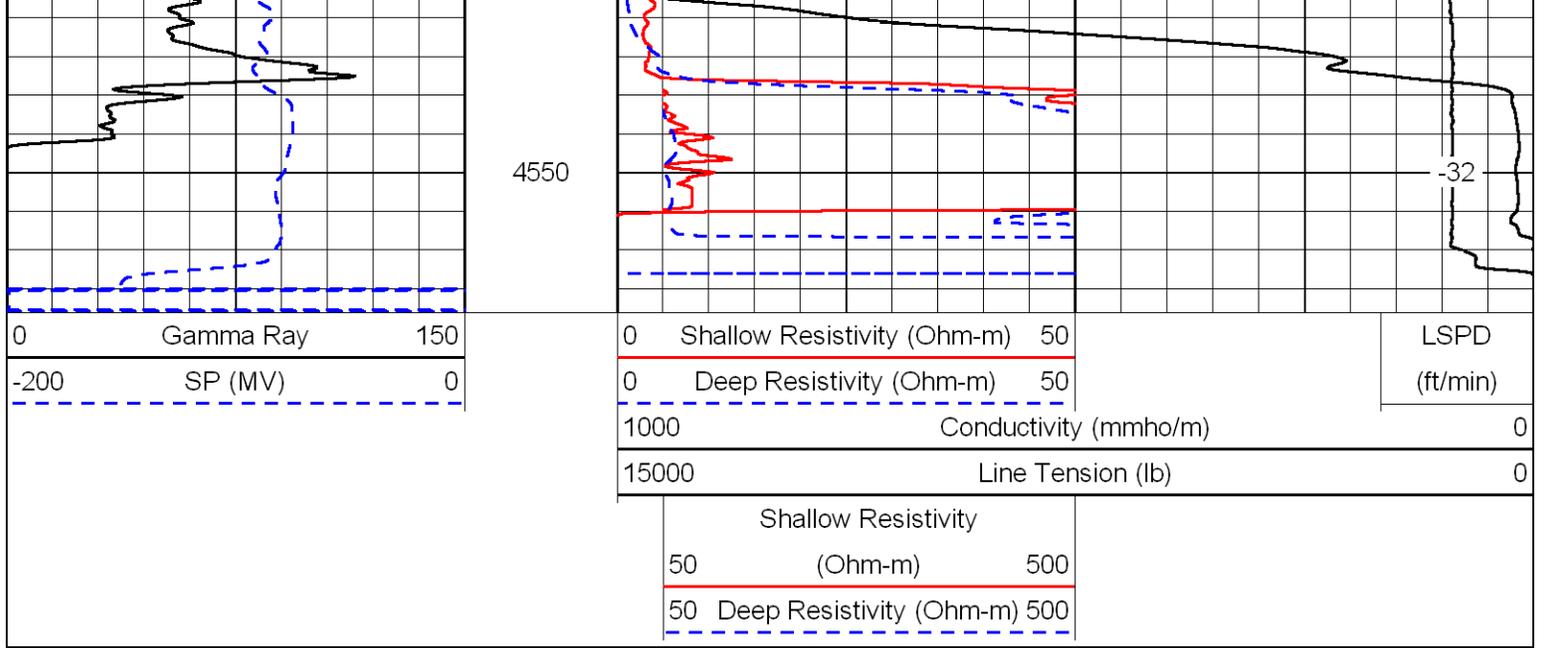




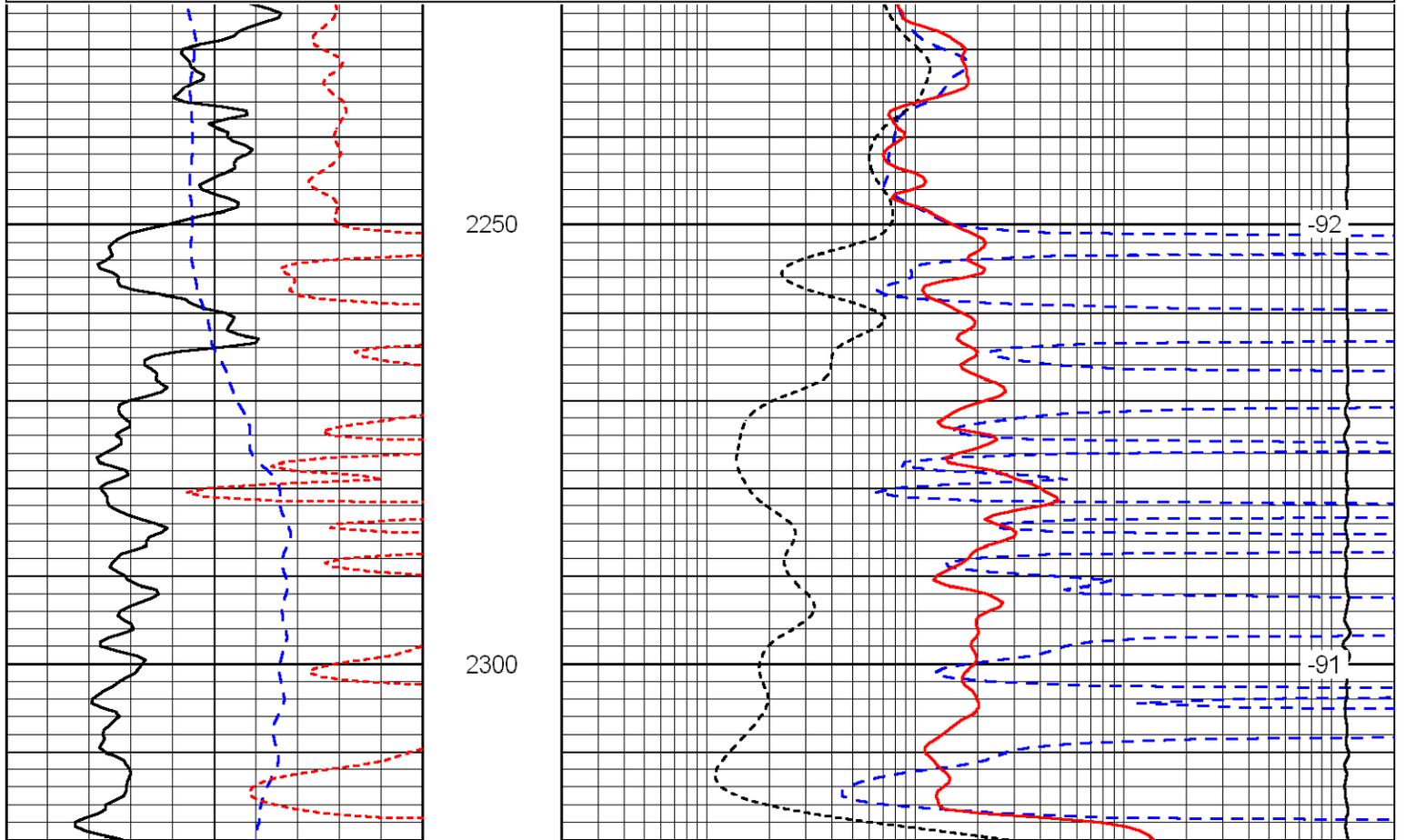
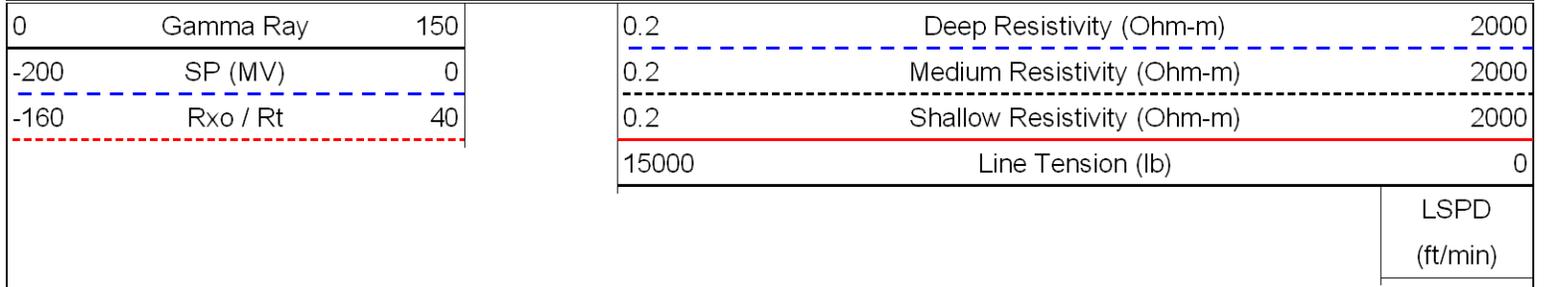


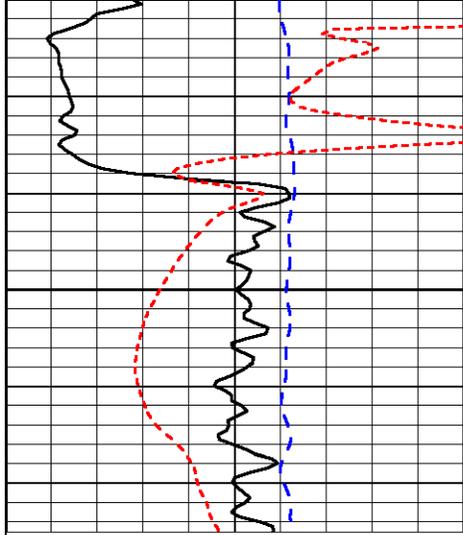






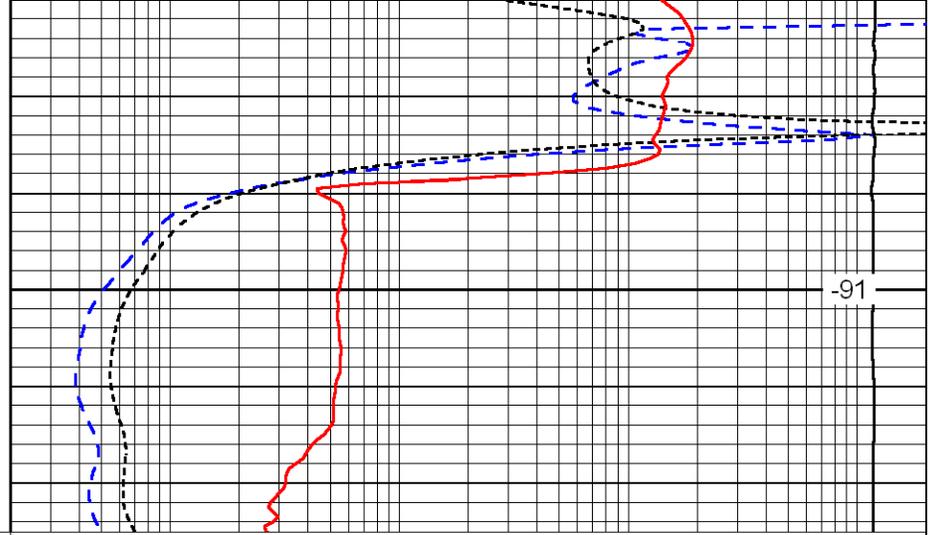
Database File: c:\warrior\data\mak-j_bh riner-kroneberger trust no. 1-7\makjhd.db
 Dataset Pathname: dil/makj
 Presentation Format: dil
 Dataset Creation: Tue Jan 26 16:13:36 2010
 Charted by: Depth in Feet scaled 1:240





2350

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



-91

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
15000	Line Tension (lb)	0

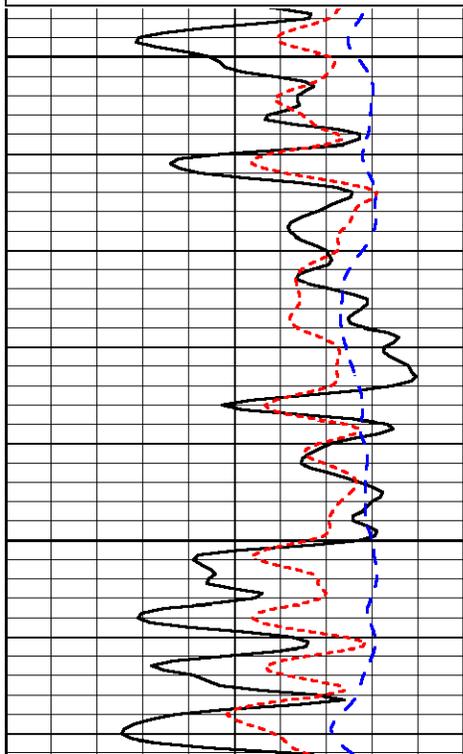
LSPD
(ft/min)

Database File: c:\warrior\data\mak-j_bh riner-kroneberger trust no. 1-7\makjhd.db
 Dataset Pathname: dil/makj
 Presentation Format: dil
 Dataset Creation: Tue Jan 26 16:13:36 2010
 Charted by: Depth in Feet scaled 1:240

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

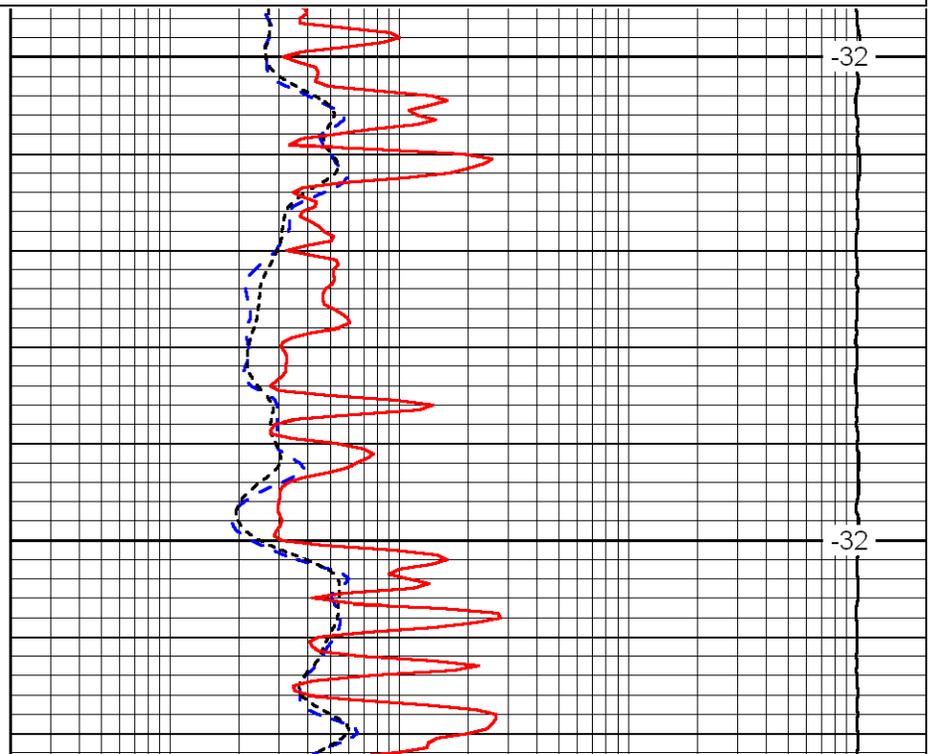
0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
15000	Line Tension (lb)	0

LSPD
(ft/min)



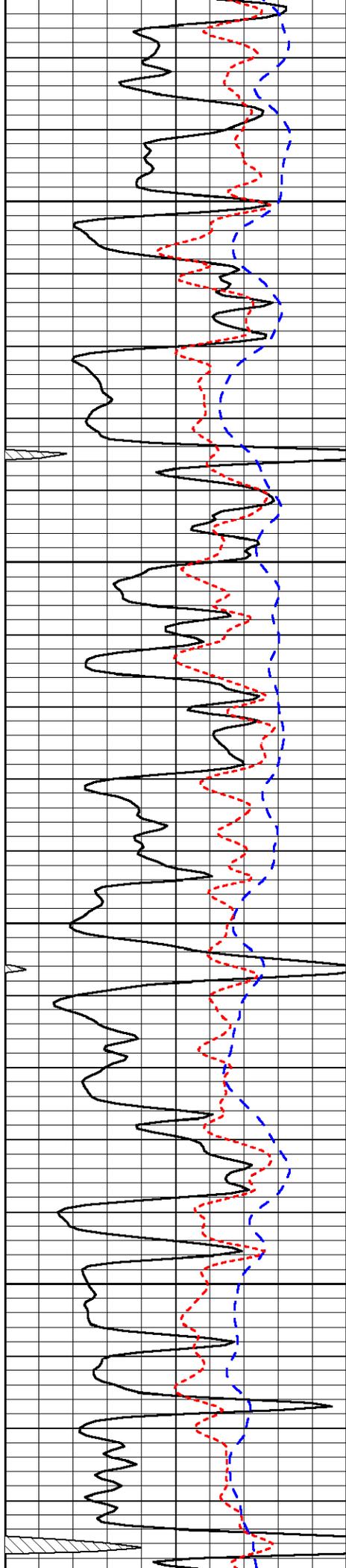
3400

3450



-32

-32

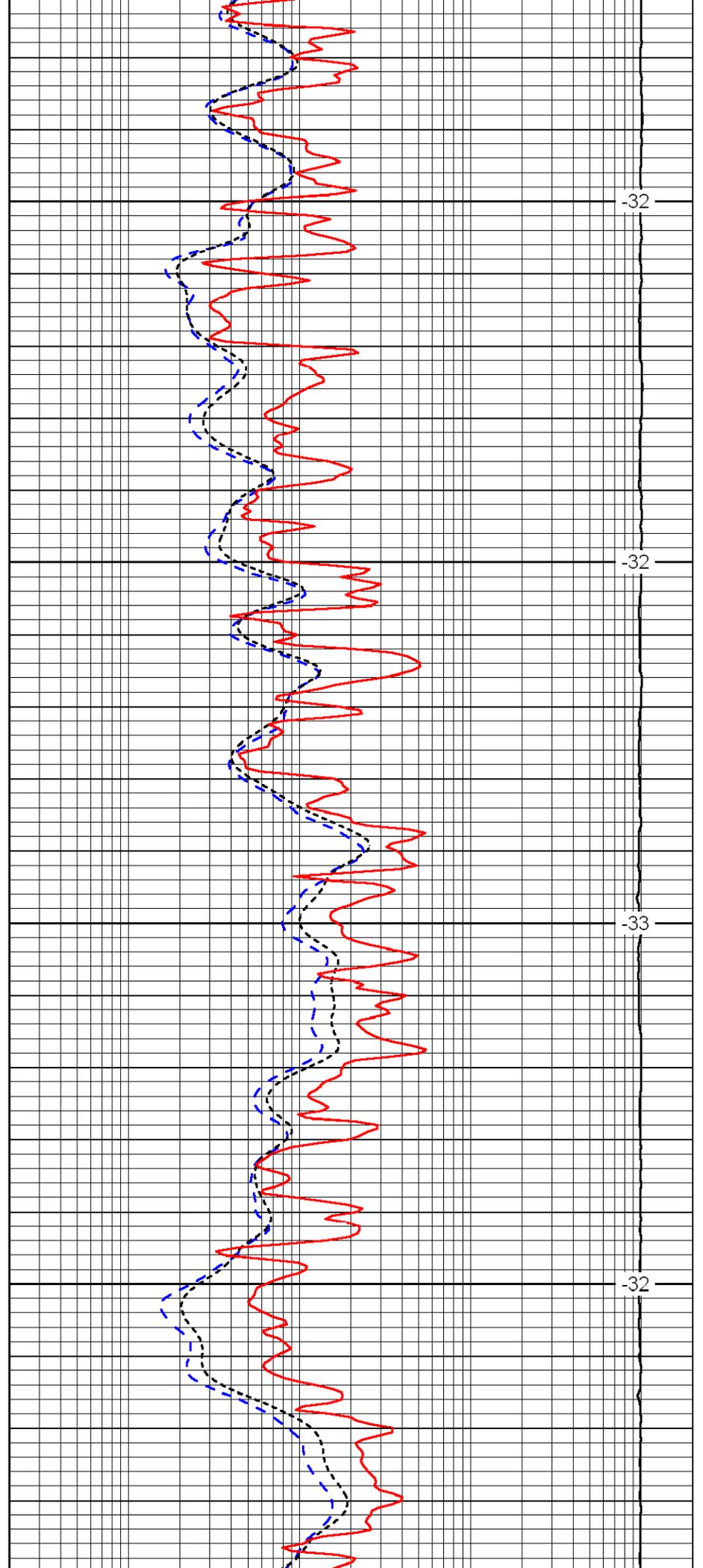


3500

3550

3600

3650

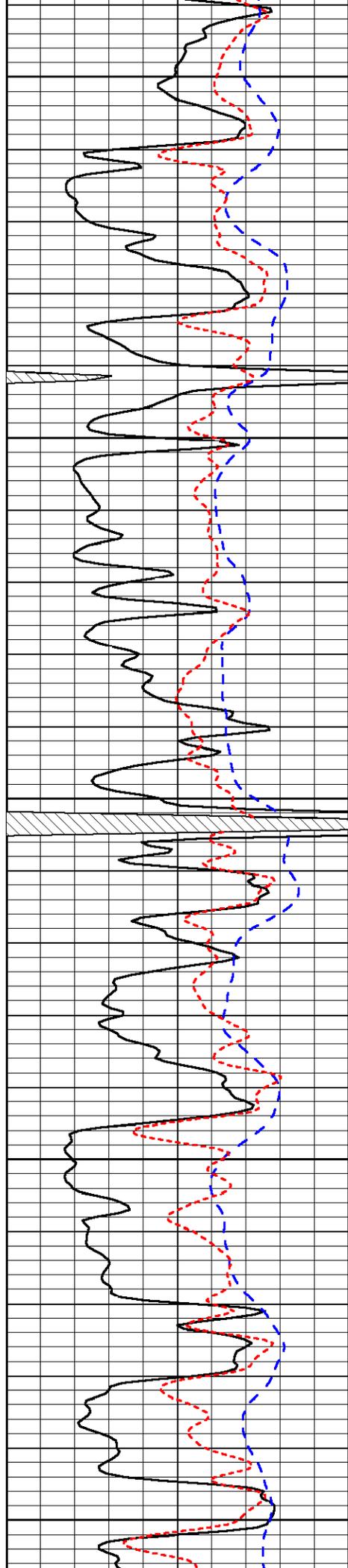


-32

-32

-33

-32



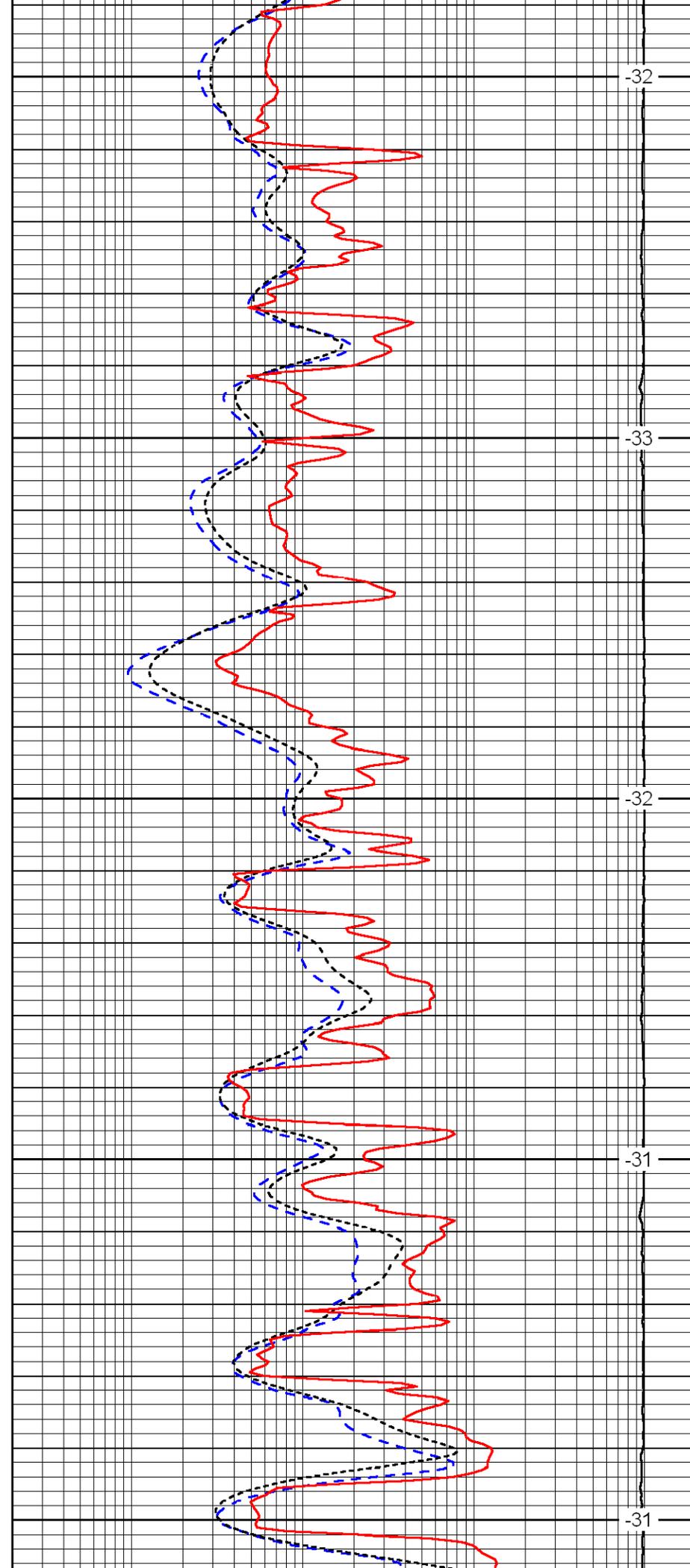
3700

3750

3800

3850

3900



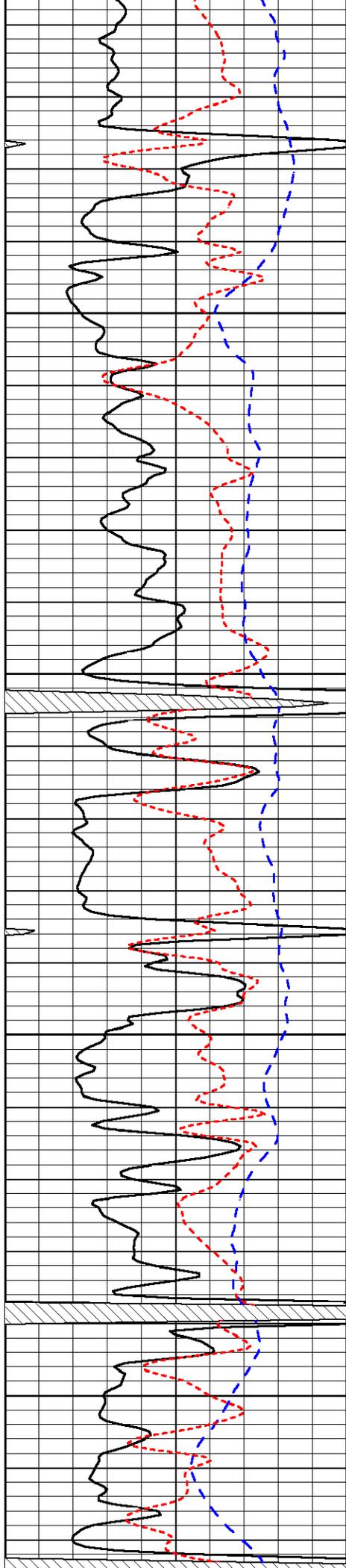
-32

-33

-32

-31

-31

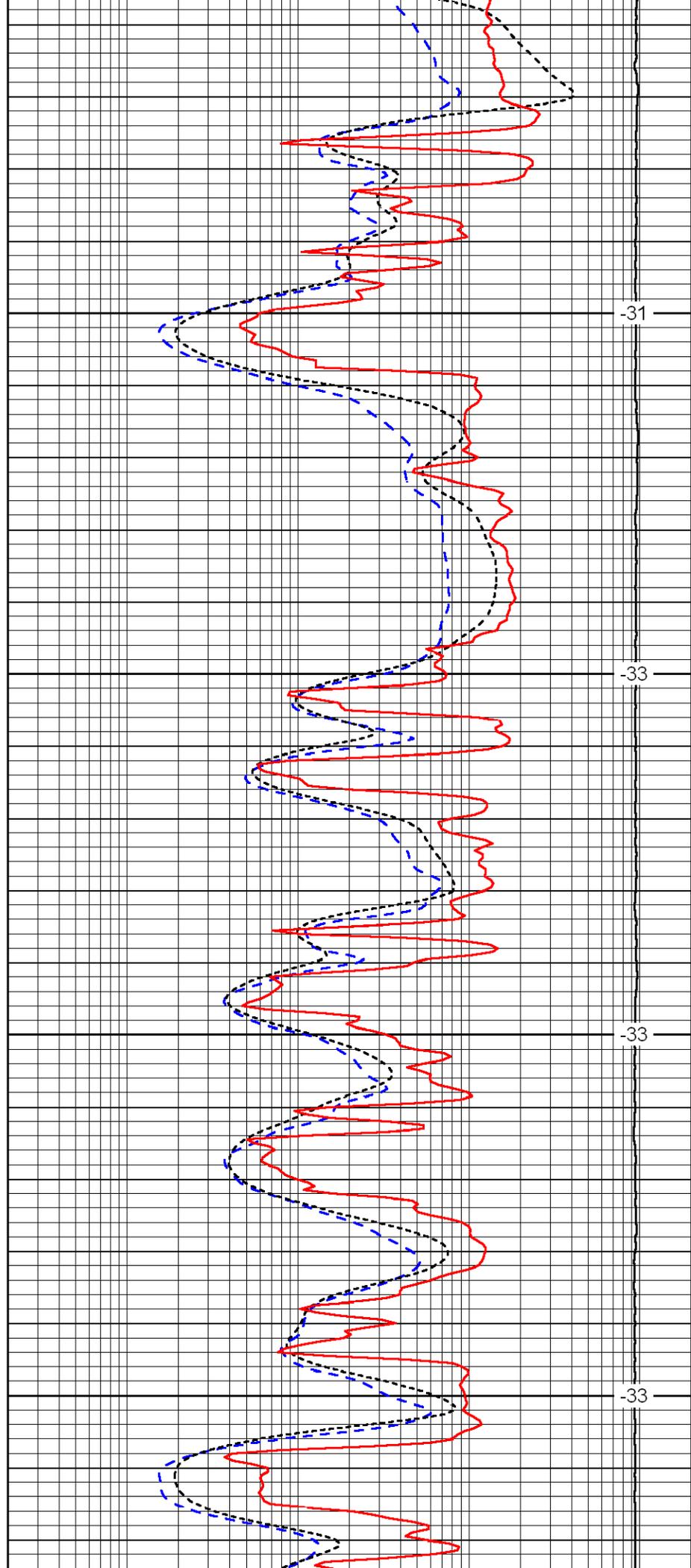


3950

4000

4050

4100

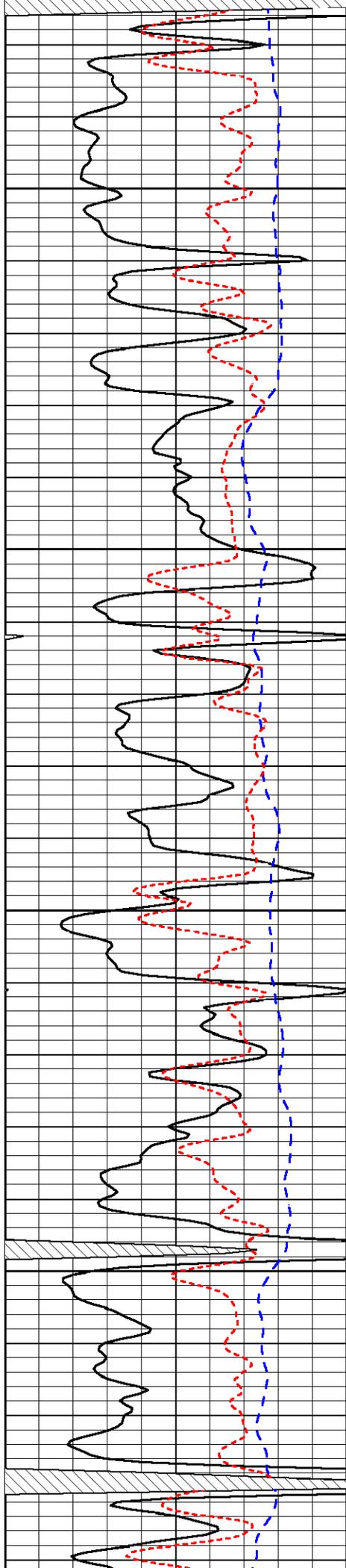


-31

-33

-33

-33

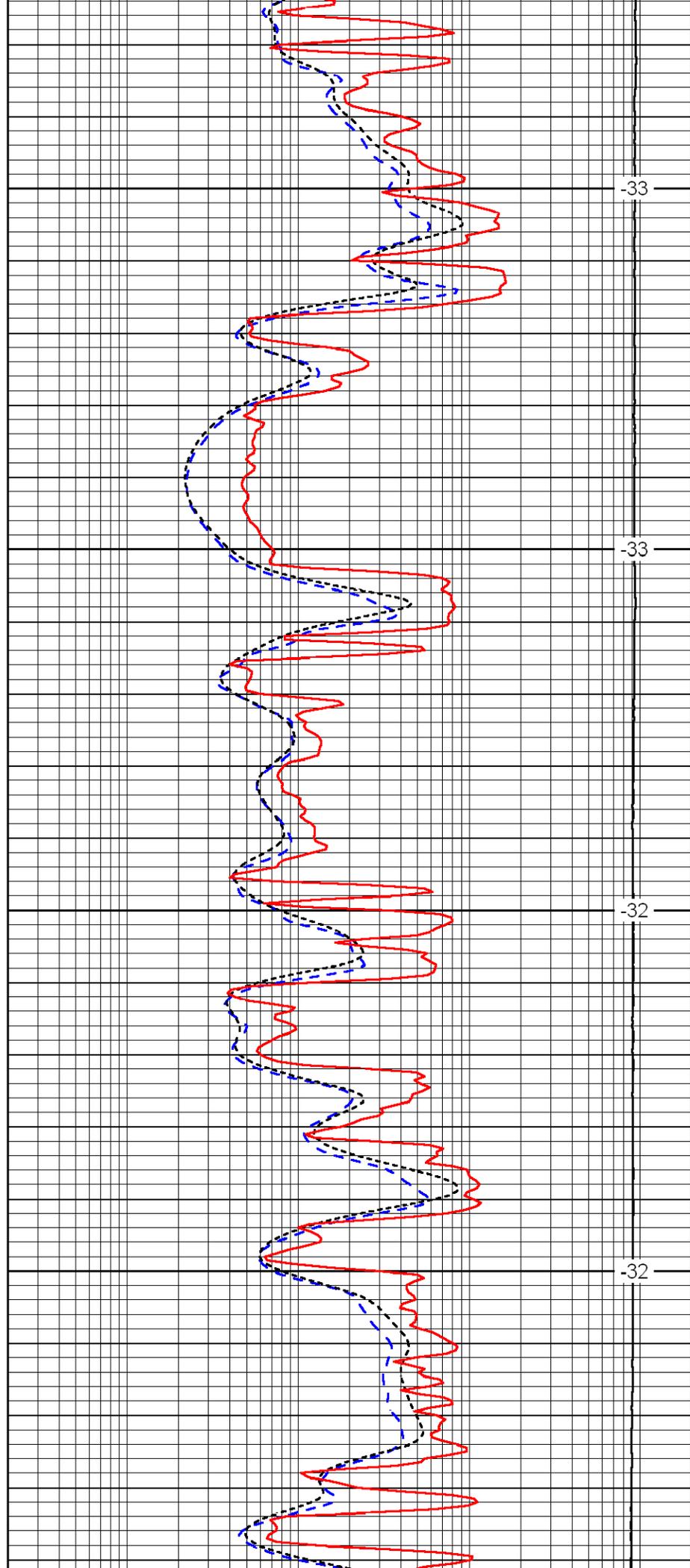


4150

4200

4250

4300

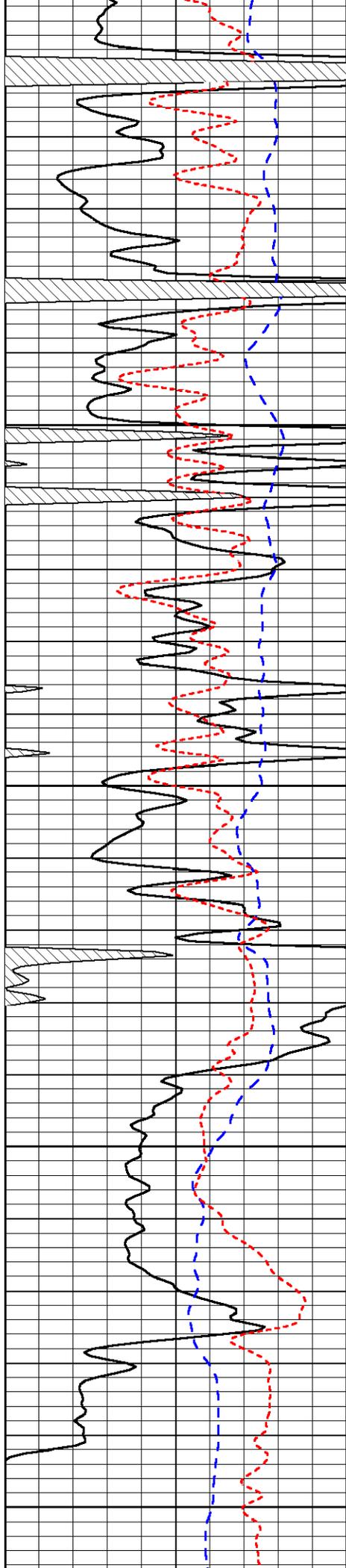


-33

-33

-32

-32



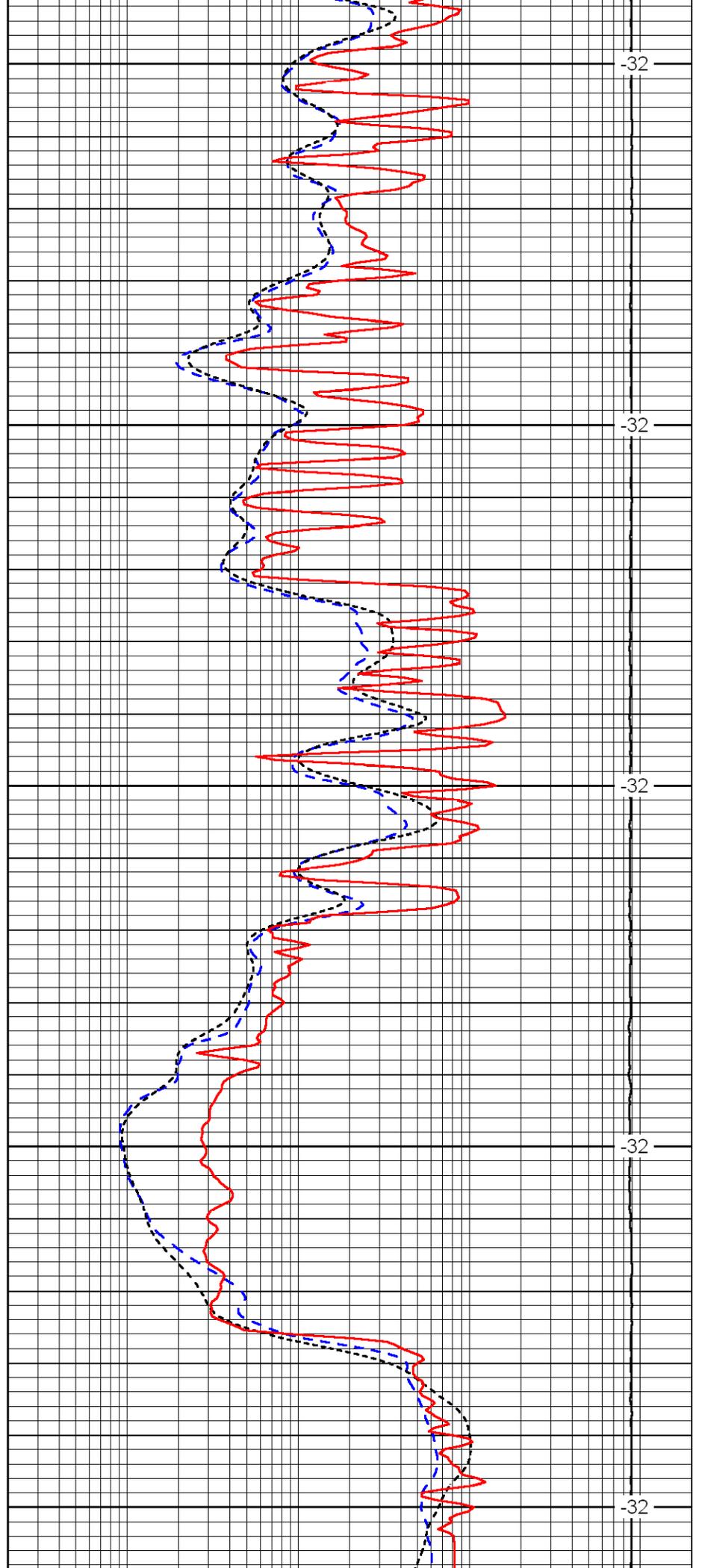
4350

4400

4450

4500

4550



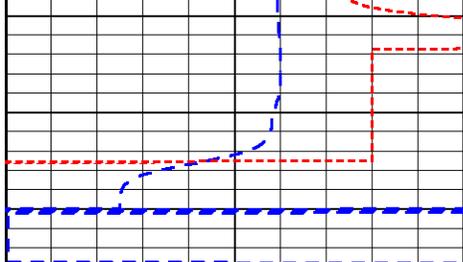
-32

-32

-32

-32

-32



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



0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
15000	Line Tension (lb)	0

LSPD
(ft/min)