



Microresistivity Log

Pioneer Energy Services

PIONEER

Company **CARMEN SCHMITT, INC.**

Well **SWEETHEART #1**

Field **BAYER**

County **STAFFORD** State **KANSAS**

15-185-23941-00-00

Location **1594' FSL & 2310' FWL**

Sec: **20** Twp: **21S** Rge: **14W**

Other Services
CNL/CDL
DIL/BHCS

Elevation
K.B. 1948
D.F. N/A
G.L. 1940

Permanent Datum	GROUND LEVEL	Elevation 1940
Log Measured From	KELLY BUSHING	8 Ft. Above Perm. Datum
Drilling Measured From	KELLY BUSHING	
Date	7/22/2015	
Run Number	TWO	
Depth Driller	3860	
Depth Logger	3859	
Bottom Logged Interval	3858	
Top Log Interval	1800	
Casing Driller	8.625 @ 467	
Casing Logger	470	
Bit Size	7.875	
Type Fluid in Hole	CHEMICAL	
Salinity, ppm CL	10500	
Density / Viscosity	9.2	67
pH / Fluid Loss	10.5	10.2
Source of Sample	Flowline	
Rm @ Meas. Temp	0.30 @ 80	
Rmf @ Meas. Temp	0.23 @ 80	
Rmc @ Meas. Temp	0.41 @ 80	
Source of Rmf / Rmc	Charts	
Rm @ BHT	0.21 @ 115	
Operating Rig Time	6 HOURS	
Max Rec. Temp. F	115	
Equipment Number	91	
Location	HAYS	
Recorded By	D. SCHMIDT	
Witnessed By	BRAD RINE	

<<< 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

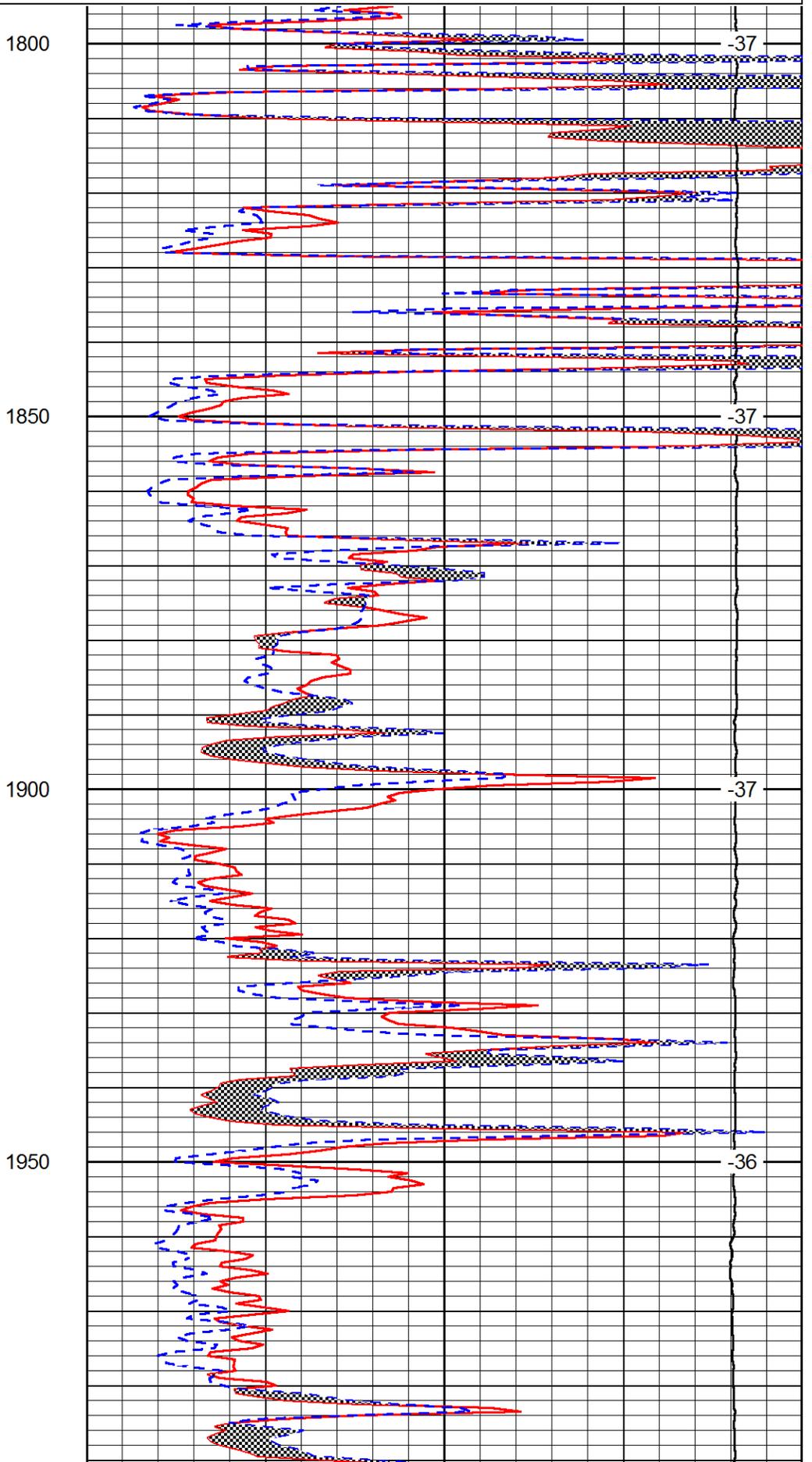
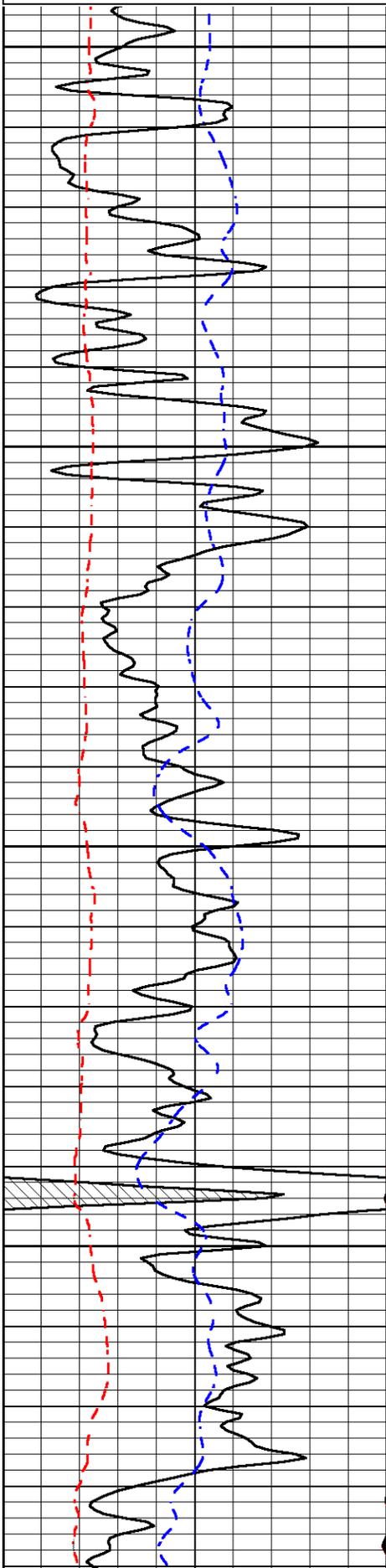
Thank you for using Pioneer Energy Services
 785.625.3858

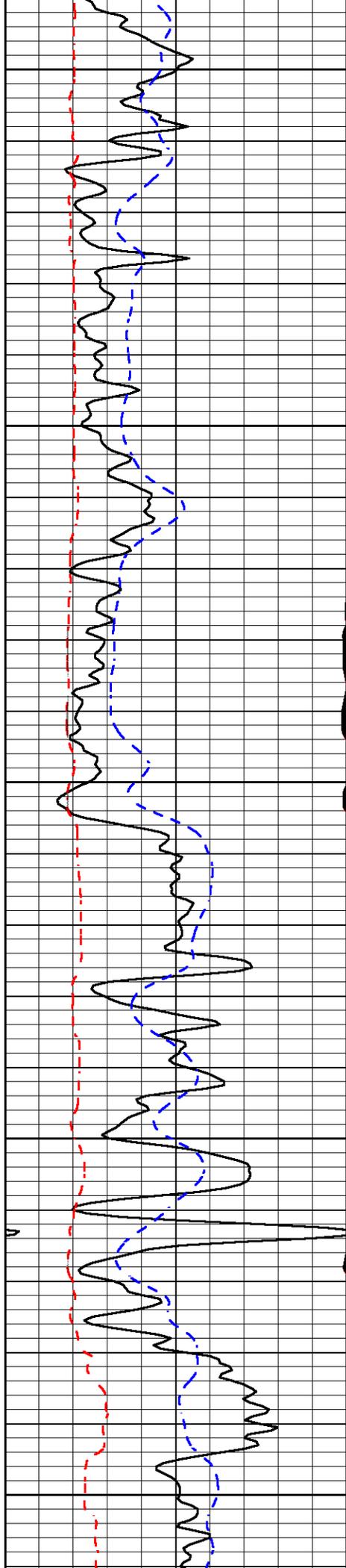
RADIUM,
 2 NORTH TO 170TH, 1/2 EAST,
 NORTH INTO

Database File	carmen schmitt_sweetheart_1hd.db
Dataset Pathname	DIL/csstack
Presentation Format	micro
Dataset Creation	Wed Jul 22 03:34:57 2015
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
6	MCAL (in)	16
2.875	Mud Cake (in)	7.875
-200	SP (mV)	0

0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0
	LSPD (ft/min)	





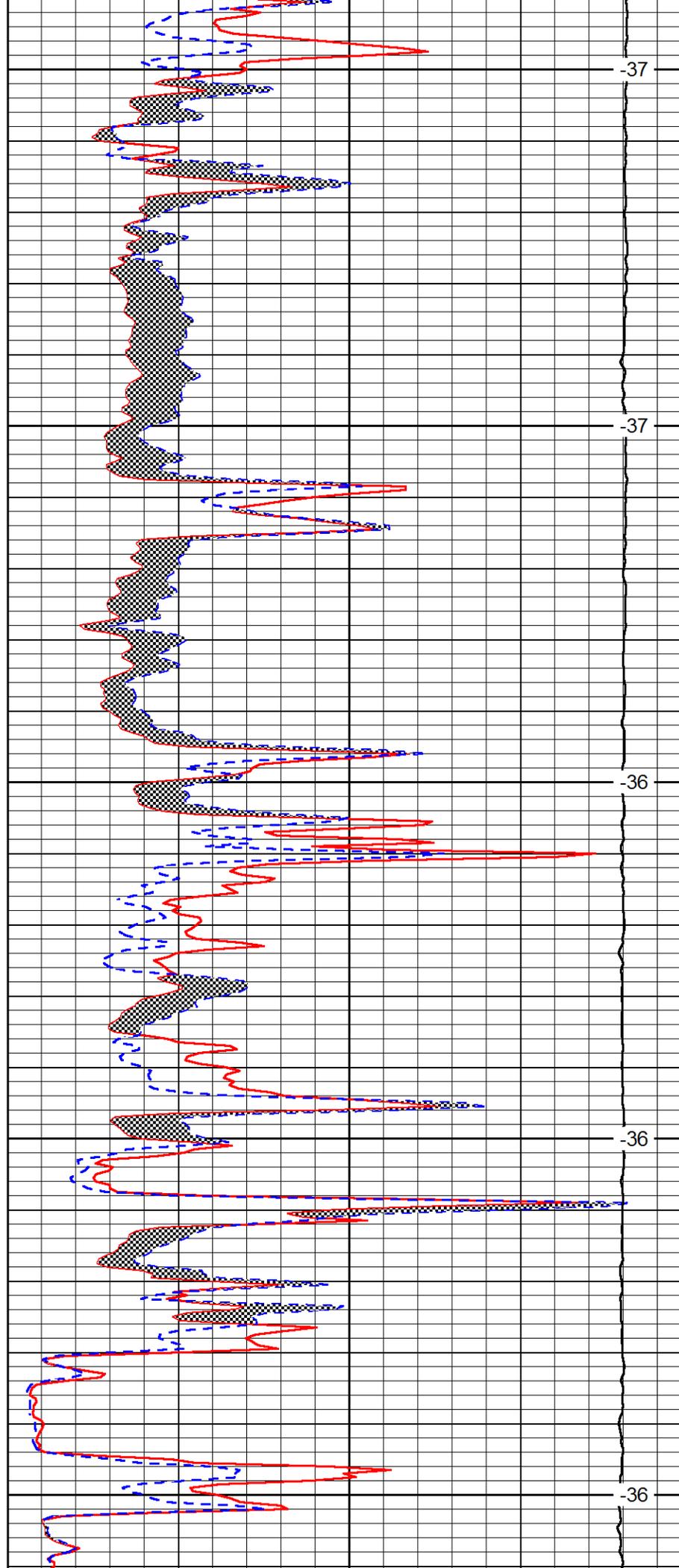
2000

2050

2100

2150

2200



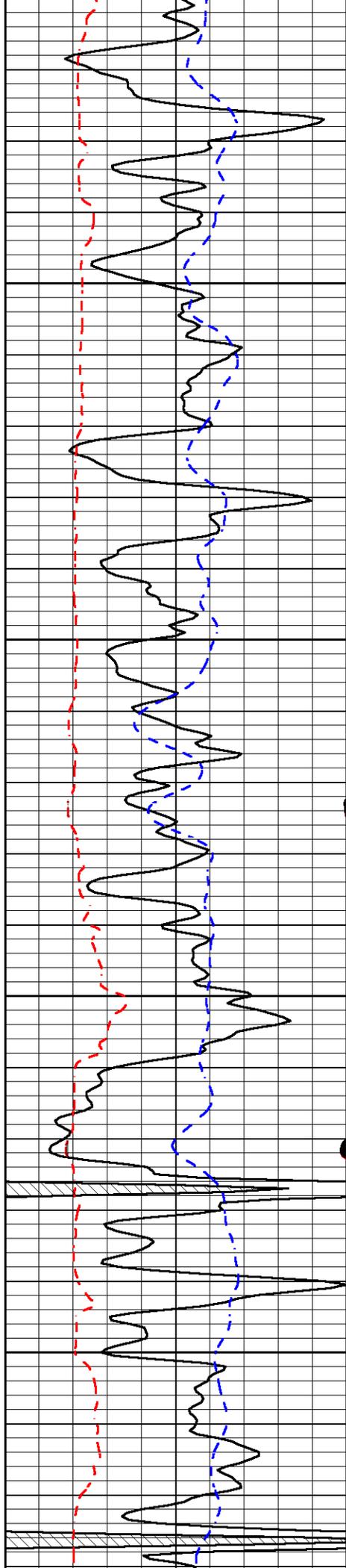
-37

-37

-36

-36

-36

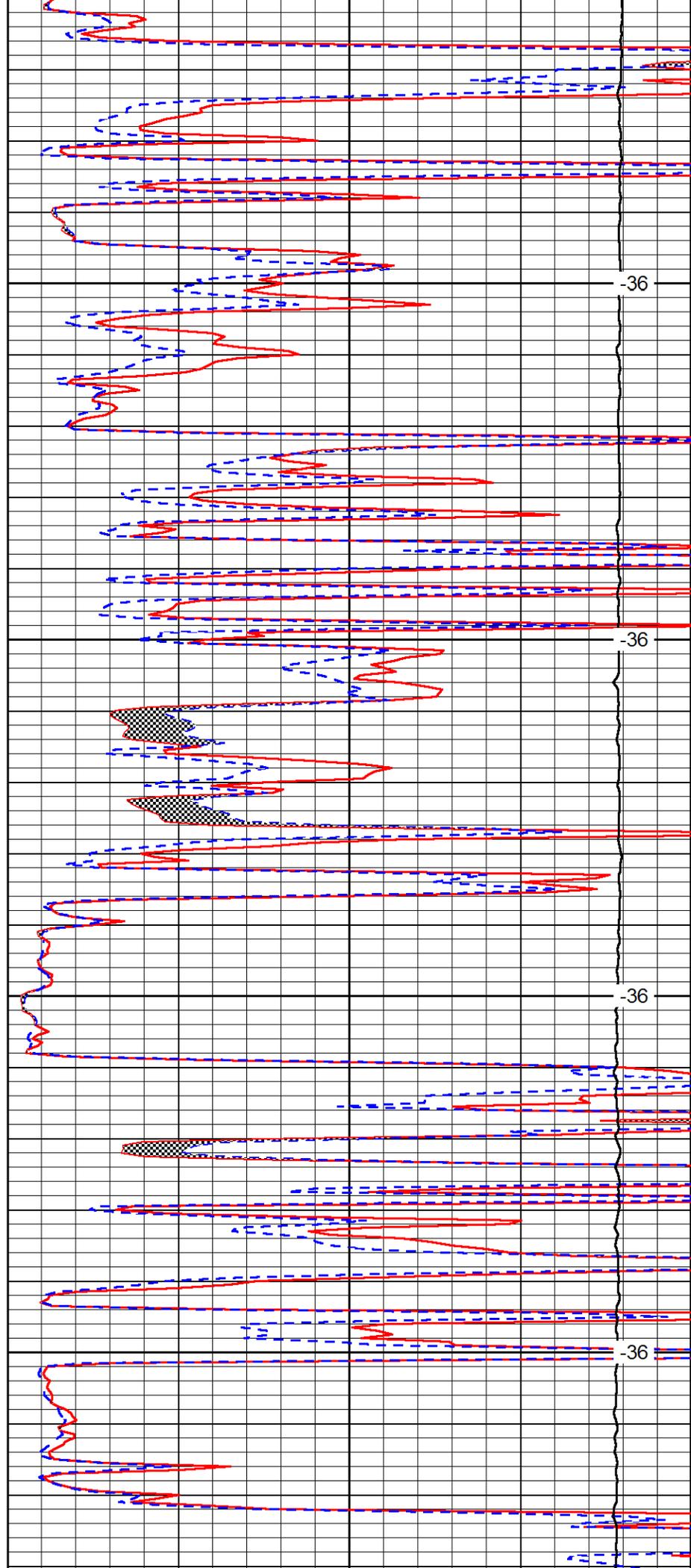


2250

2300

2350

2400

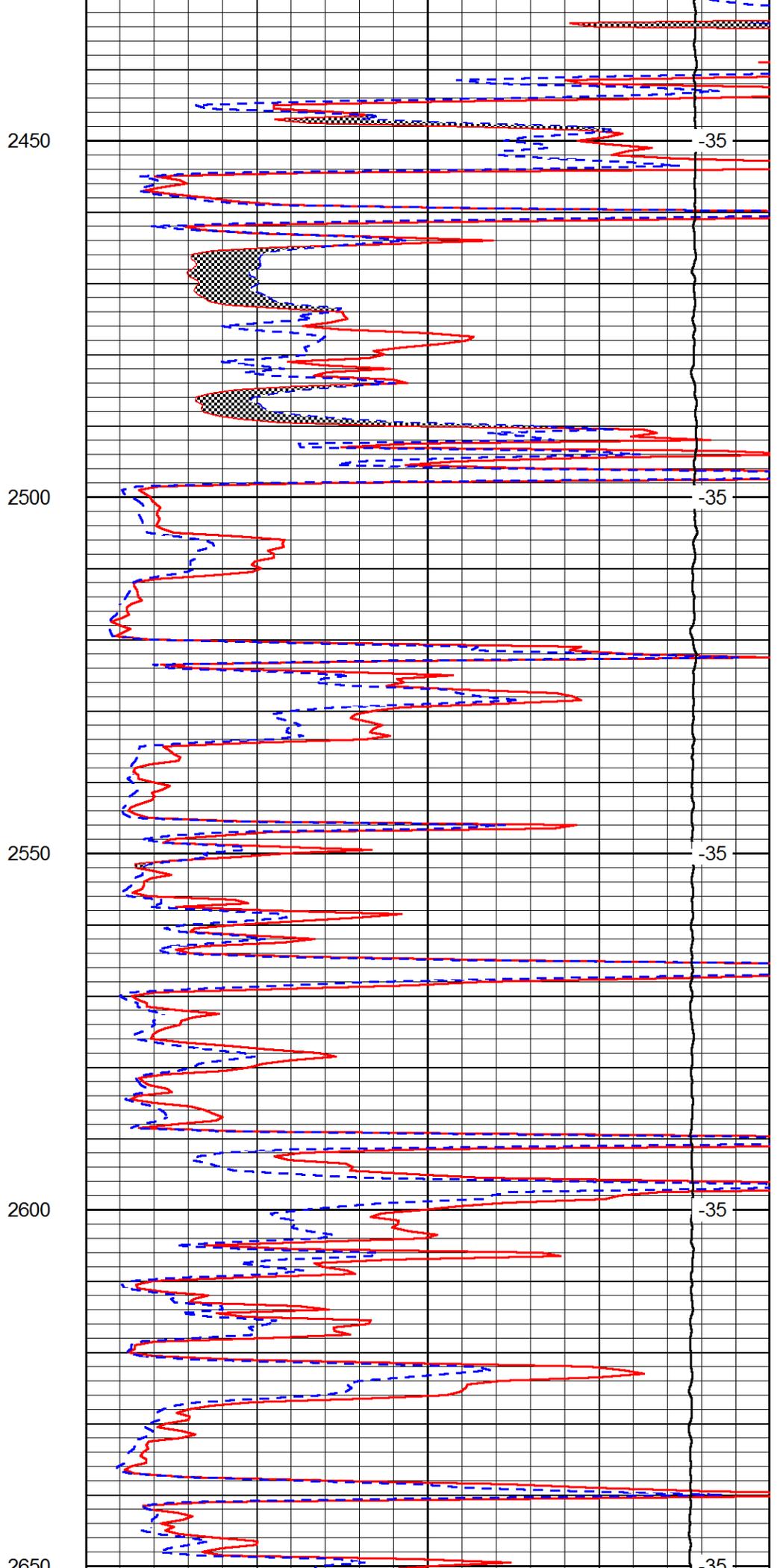
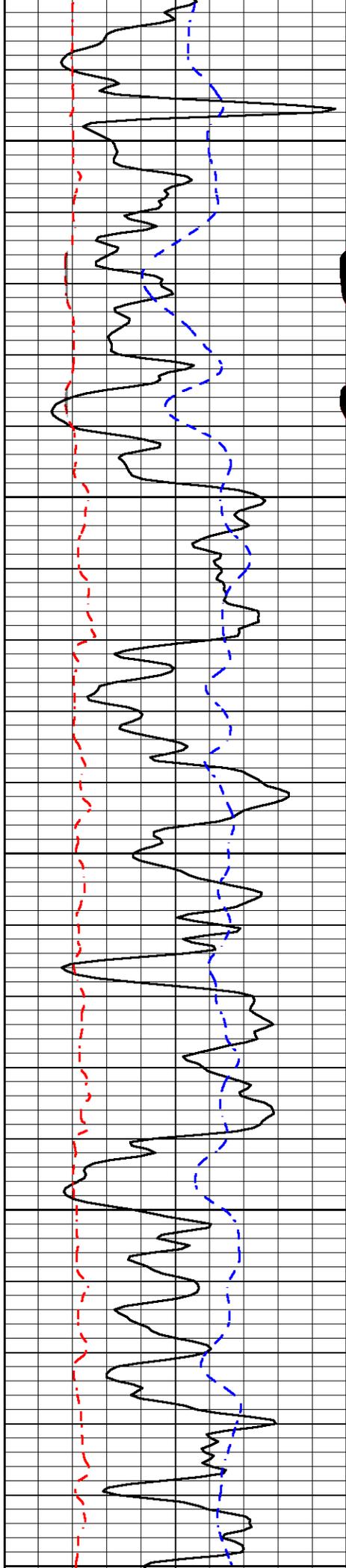


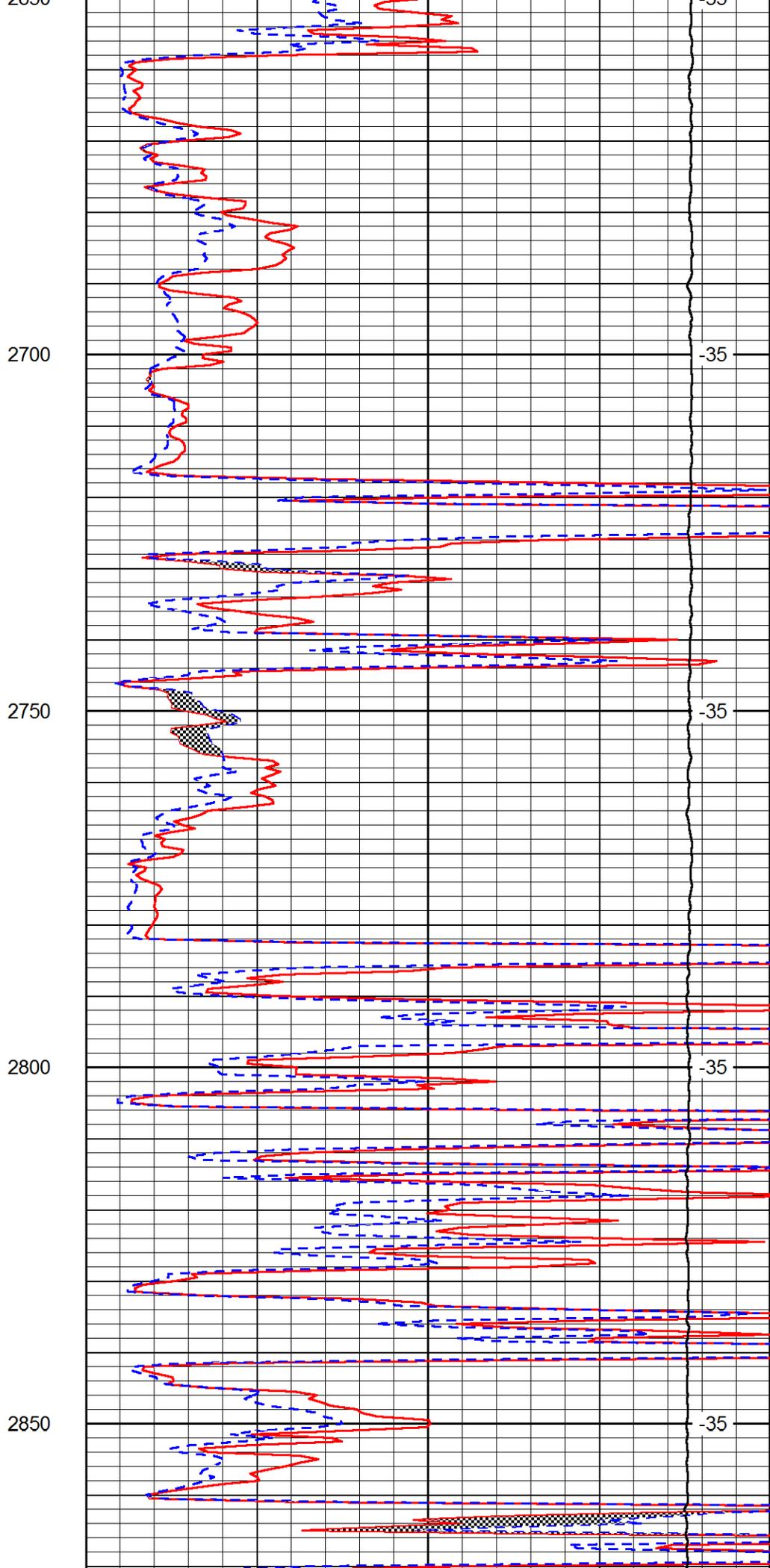
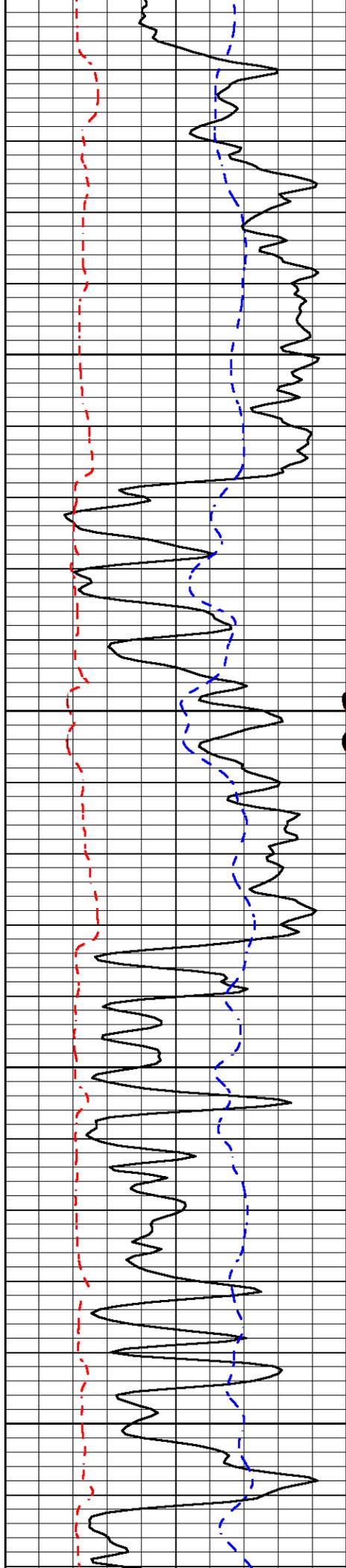
-36

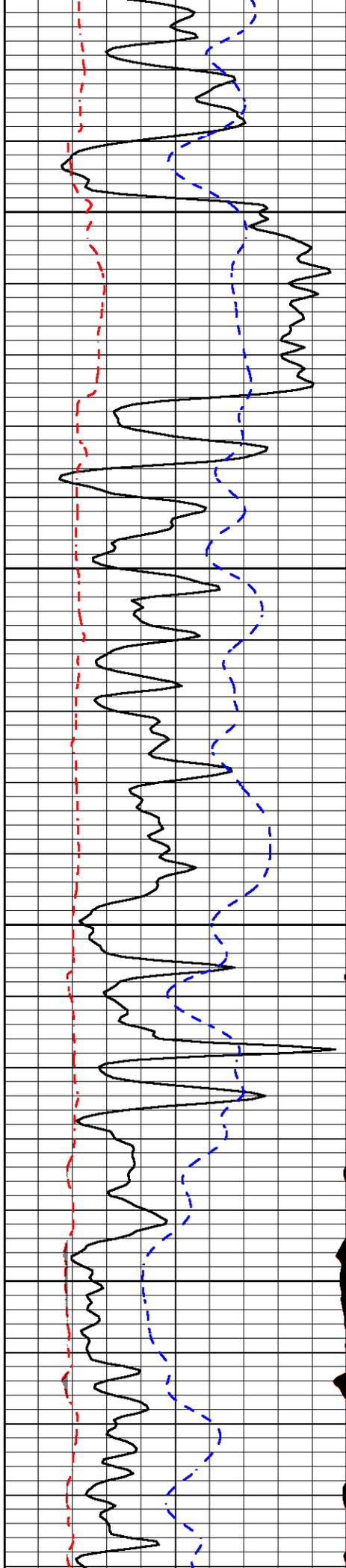
-36

-36

-36





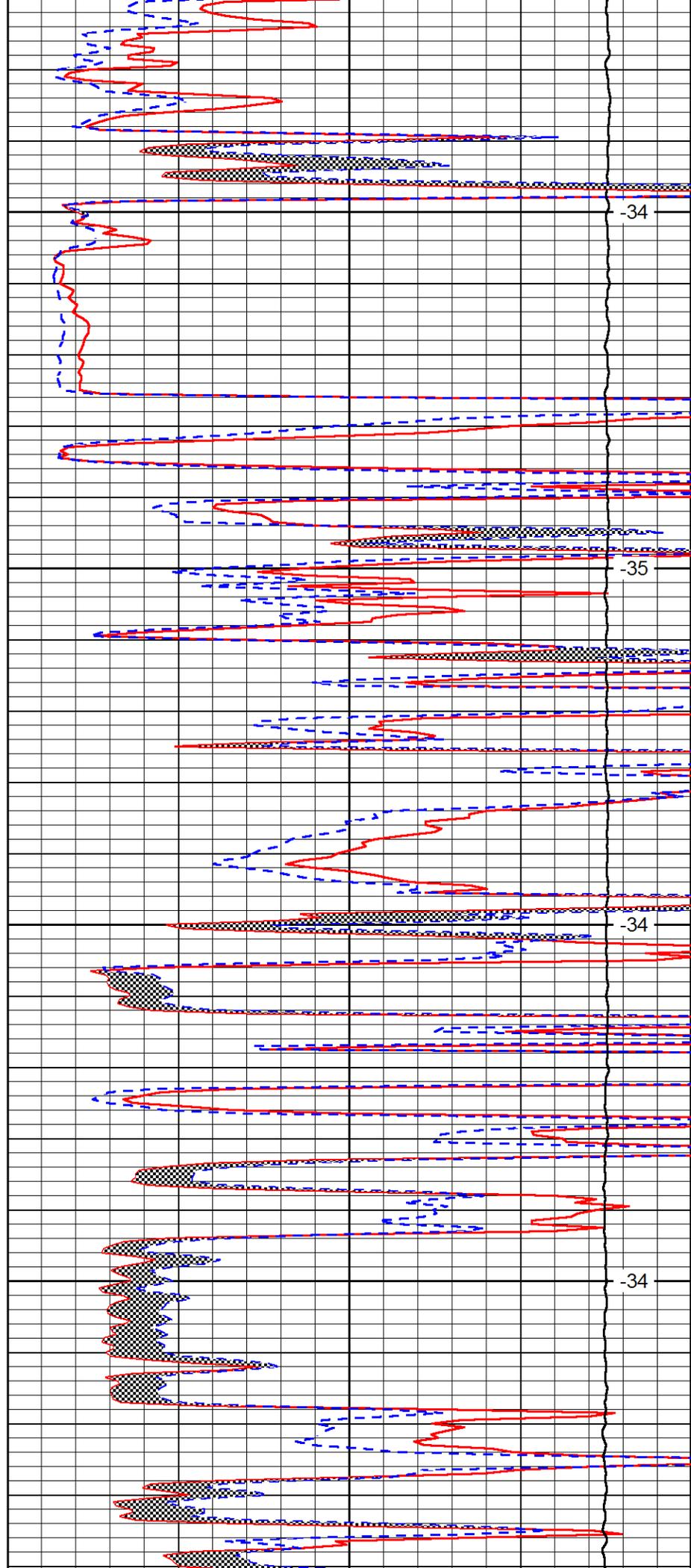


2900

2950

3000

3050

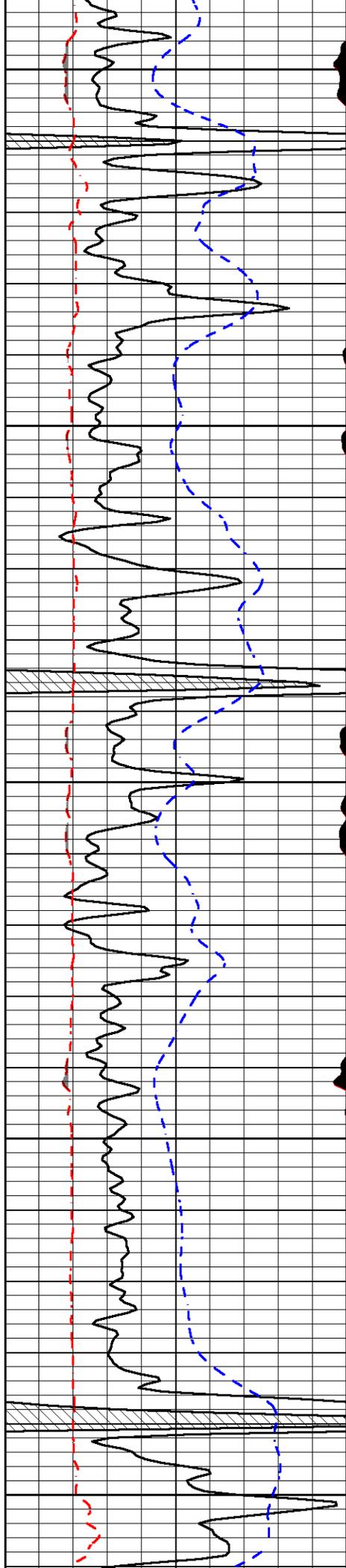


-34

-35

-34

-34



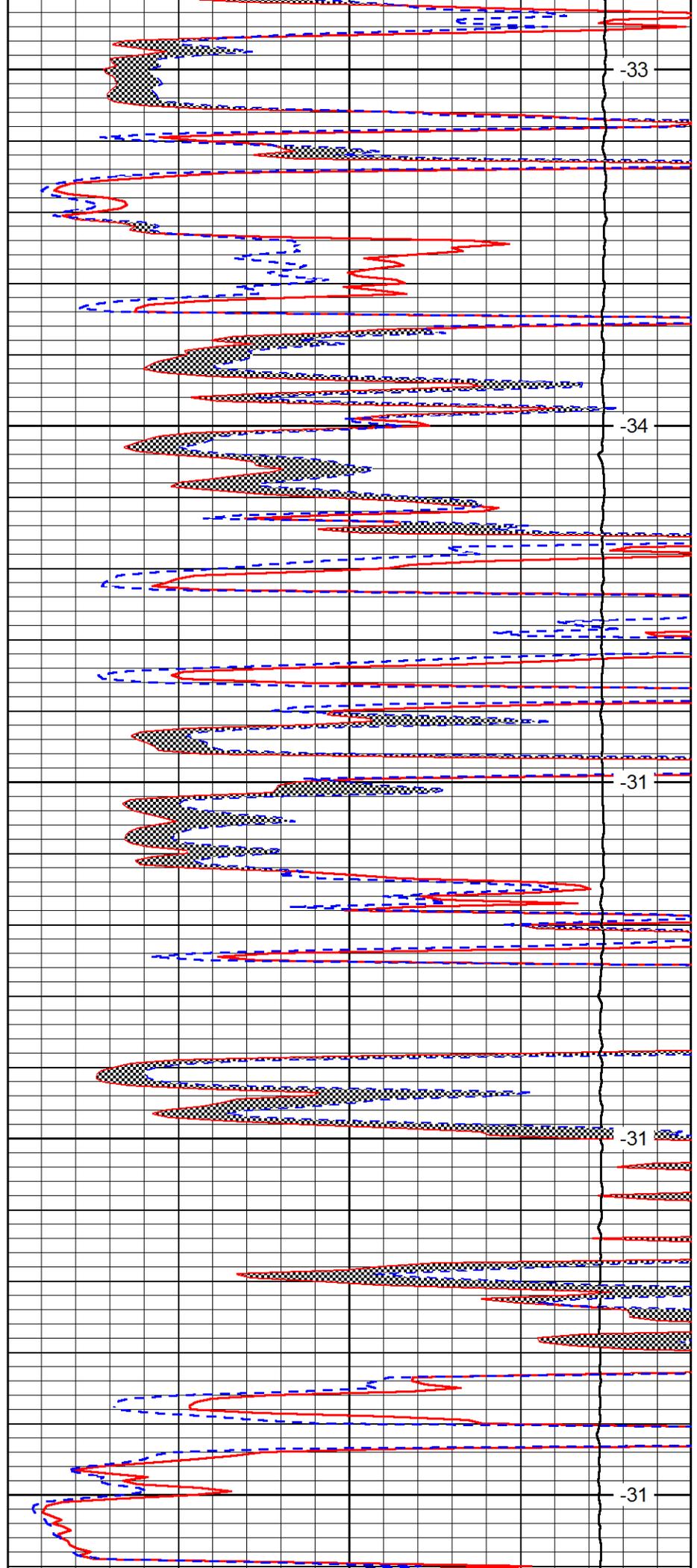
3100

3150

3200

3250

3300



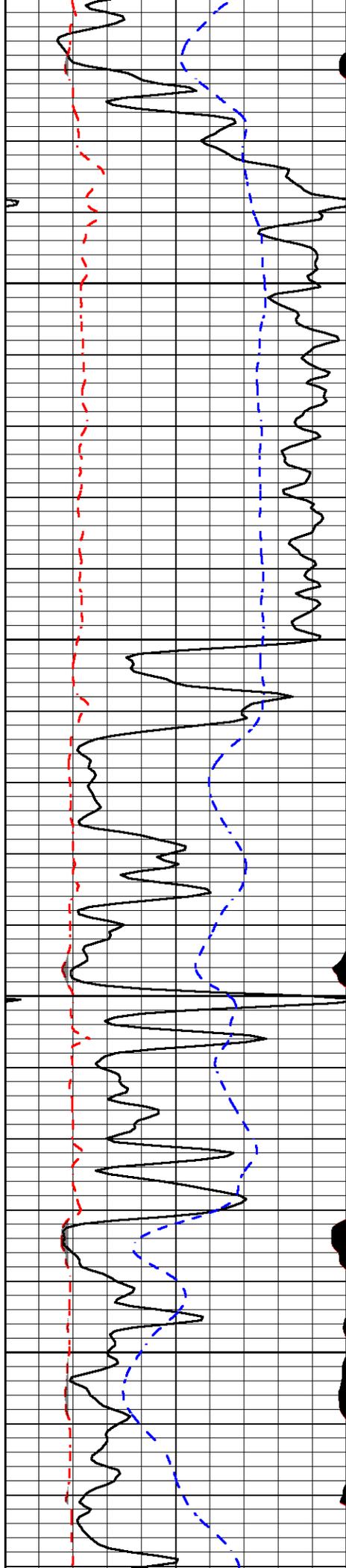
-33

-34

-31

-31

-31

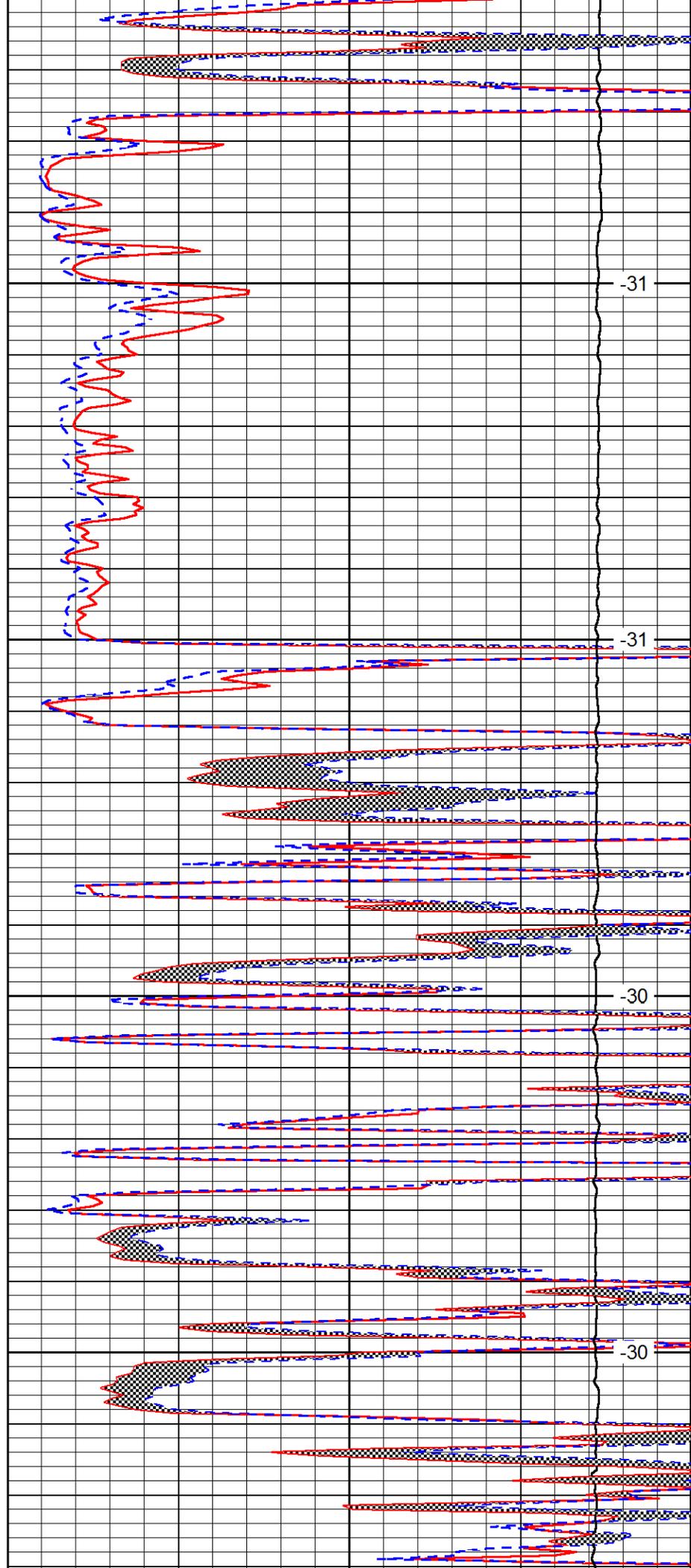


3350

3400

3450

3500

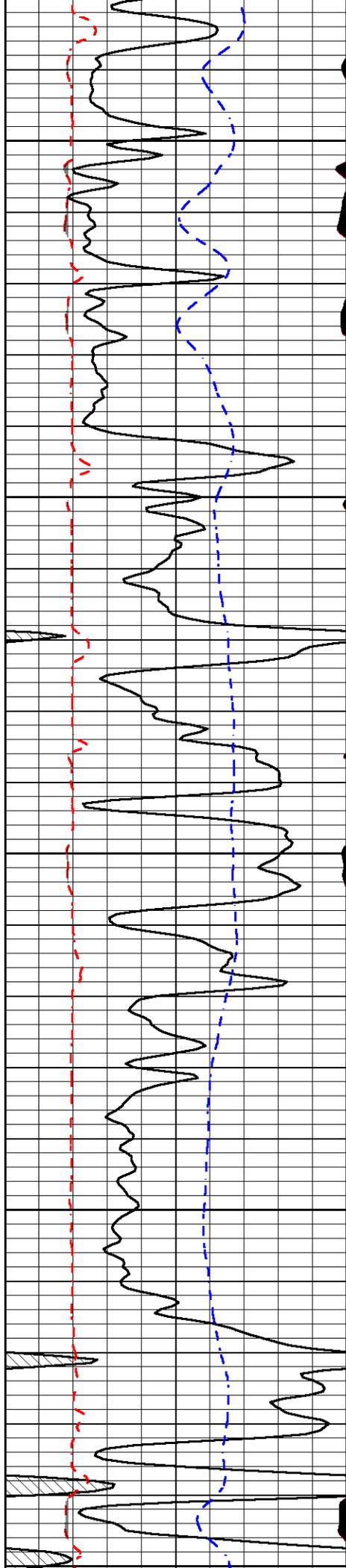


-31

-31

-30

-30



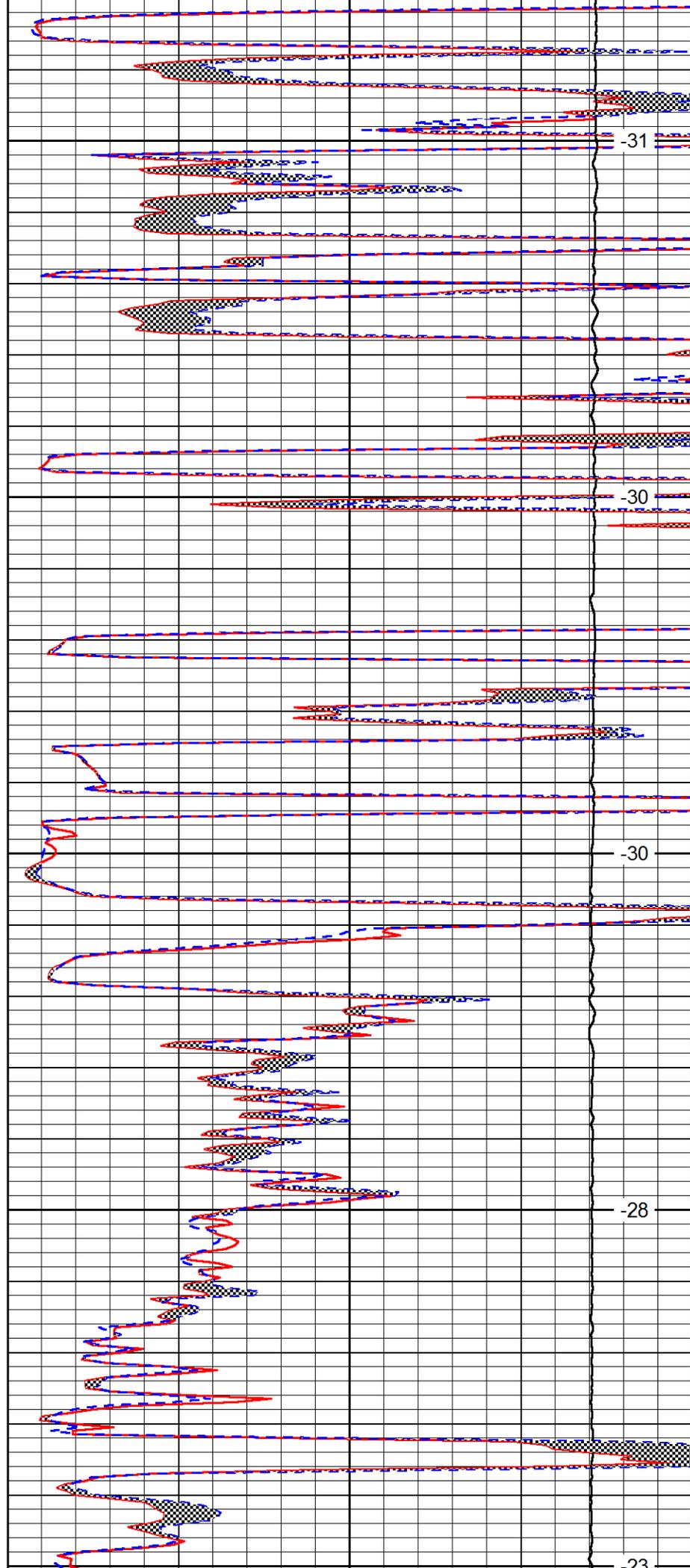
3550

3600

3650

3700

3750



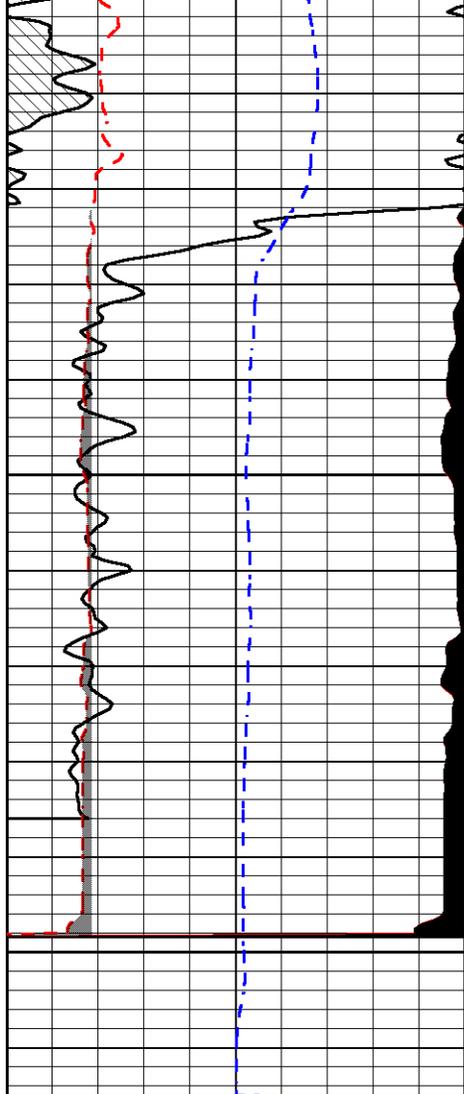
-31

-30

-30

-28

-23

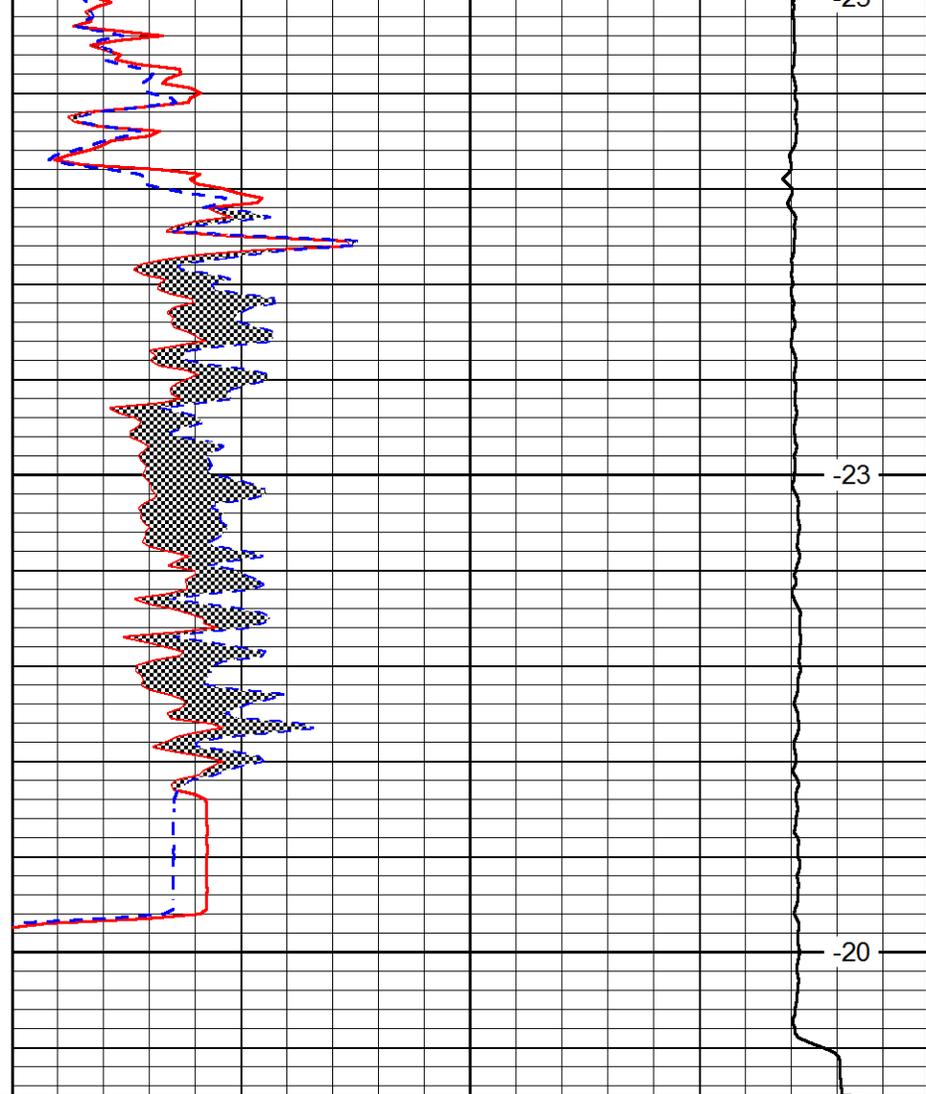


3750

3800

3850

0	Gamma Ray (GAPI)	150
6	MCAL (in)	16
2.875	Mud Cake (in)	7.875
-200	SP (mV)	0



23

-23

-20

0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

LSPD
(ft/min)