PIONEER

Pioneer Energy Services

# Microresistivity Log

API No. 15-175-22212-00-00

Company Quinque Operating Company

Well Stanton #2-12

Field Dry Lake

County Seward State Kansas

Location 1980' FSL & 1980' FEL

Sec: 12 Twp: 31S Rge: 31W

Other Services
CNL/CDL
DIL

Elevation
K.B. 2806
D.F.
G.L. 2794

Permanent Datum Ground Level Elevation 2794
Log Measured From Kelly Bushing 12 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

| | | | | |
|---|---|---|---|---|
| Date | 3/15/2014 | | | |
| Run Number | One | | | |
| Depth Driller | 5575 | | | |
| Depth Logger | 5578 | | | |
| Bottom Logged Interval | 5577 | | | |
| Top Log Interval | 1700 | | | |
| Casing Driller | 8.625 @ 1717 | | | |
| Casing Logger | 1709 | | | |
| Bit Size | 7.875 | | | |
| Type Fluid in Hole | Chemical | | | |
| Salinity,ppm CL | 3000 | | | |
| Density / Viscosity | 9.1 61 | | | |
| pH / Fluid Loss | 10.5 6.4 | | | |
| Source of Sample | Flowline | | | |
| Rm @ Meas. Temp | 1.40 @ 57 | | | |
| Rmf @ Meas. Temp | 1.05 @ 57 | | | |
| Rmc @ Meas. Temp | 1.89 @ 57 | | | |
| Source of Rmf / Rmc | Charts | | | |
| Rm @ BHT | 0.60 @ 134 | | | |
| Operating Rig Time | 4 Hours | | | |
| Max. Rec. Temp. F | 134 | | | |
| Equipment Number | 91 | | | |
| Location | Hays | | | |
| Recorded By | D. Schmidt | | | |
| Witnessed By | Wayne Cook | | | |

<<< Fold Here >>>

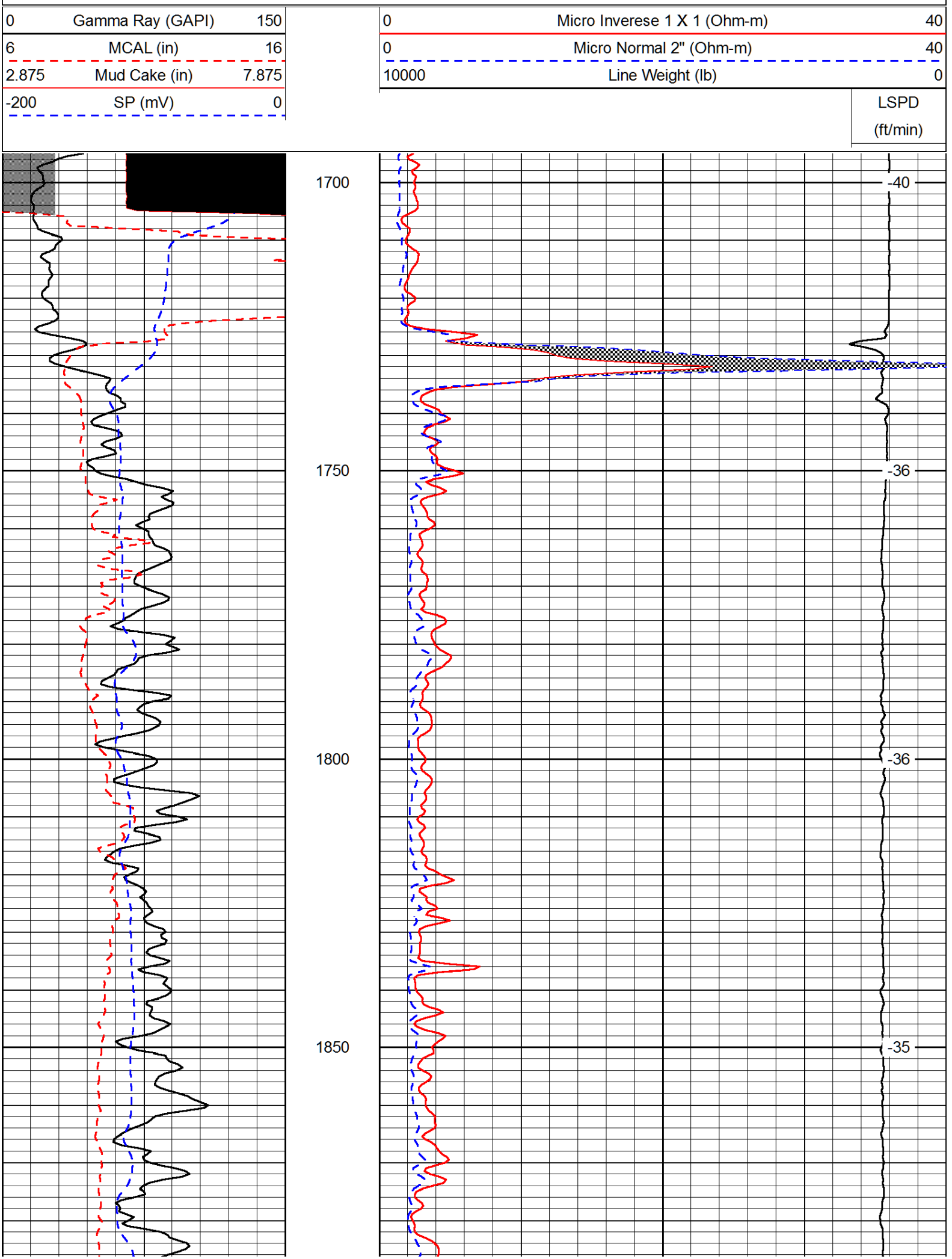


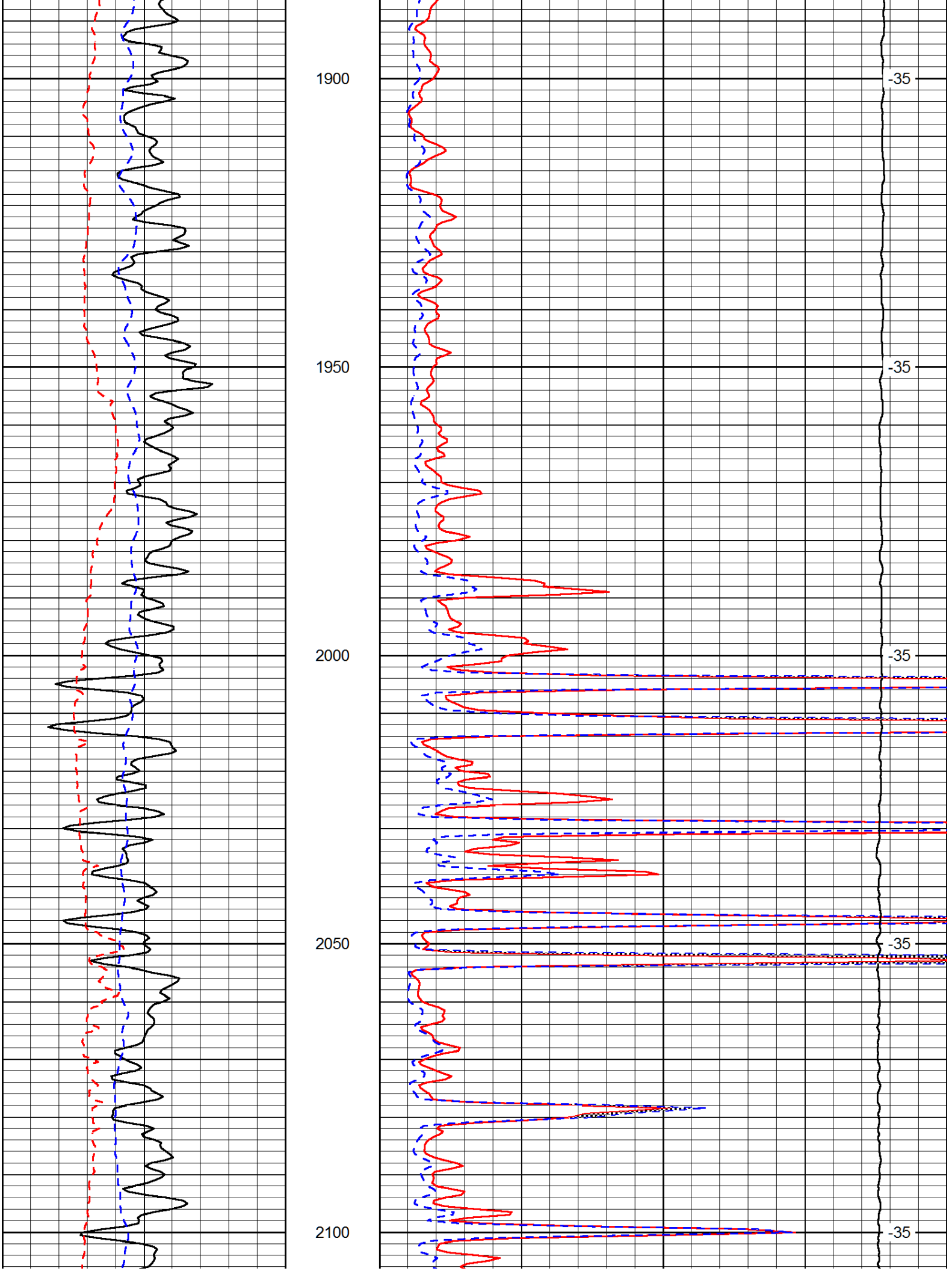
## Comments

Thank you for using Log-Tech, Inc.
(785) 625-3858

Plains,
West on Hwy 160 to X Rd,
7 North to Rd 23, 1 East to Rd Y, 1/4 South,
1/2 West and South into

Database File: quinque_031514hd.db
Dataset Pathname: dil/qstckml
Presentation Format: micro
Dataset Creation: Sat Mar 15 06:27:05 2014
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 Inverese 1 X 1 (Ohm-m)
40
0
Micro Normal 2" (Ohm-m)
40
10000
Line Weight (lb)
0
LSPD
(ft/min)
1700
1750
1800
1850
-40
-36
-36
-35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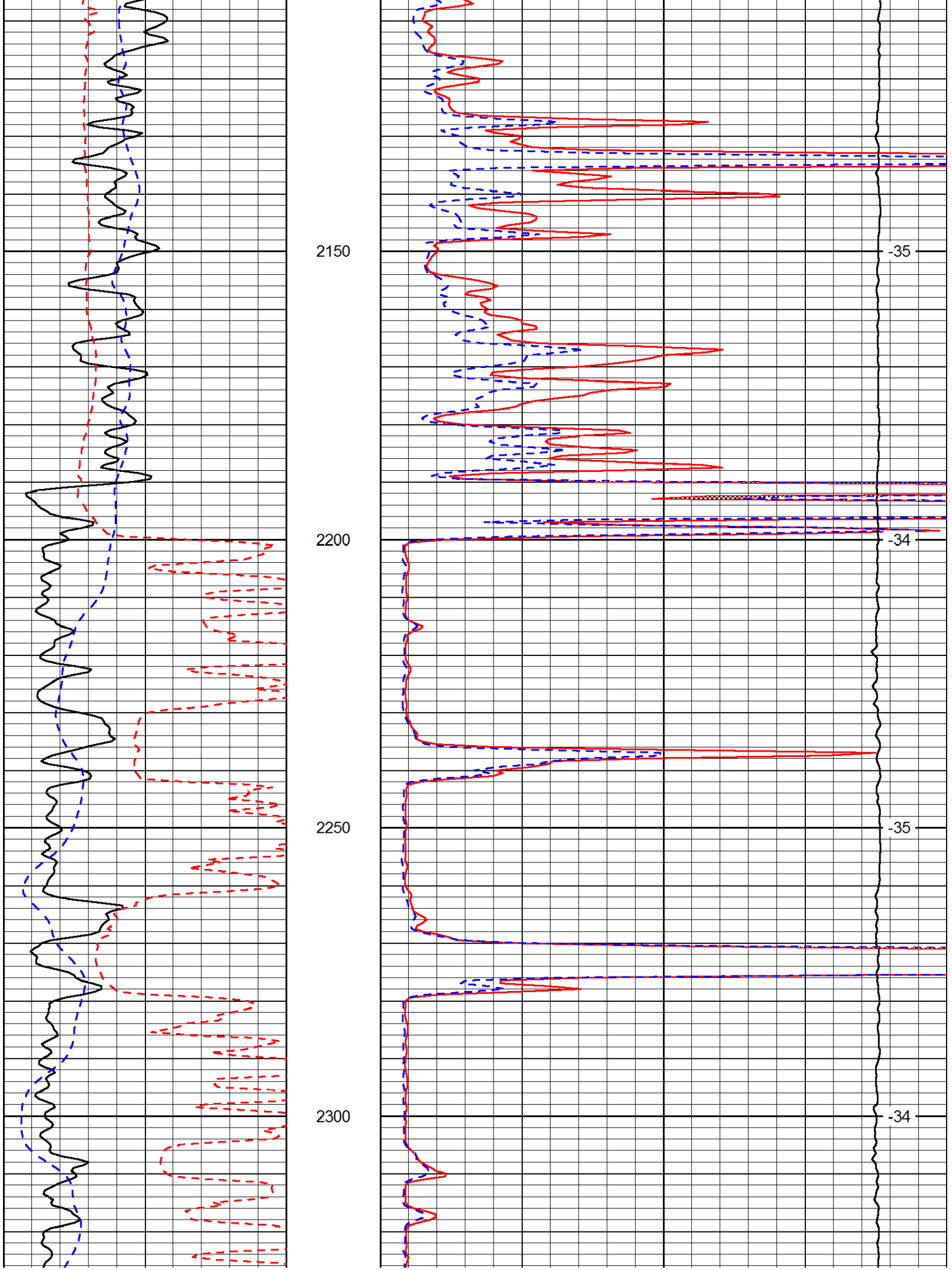
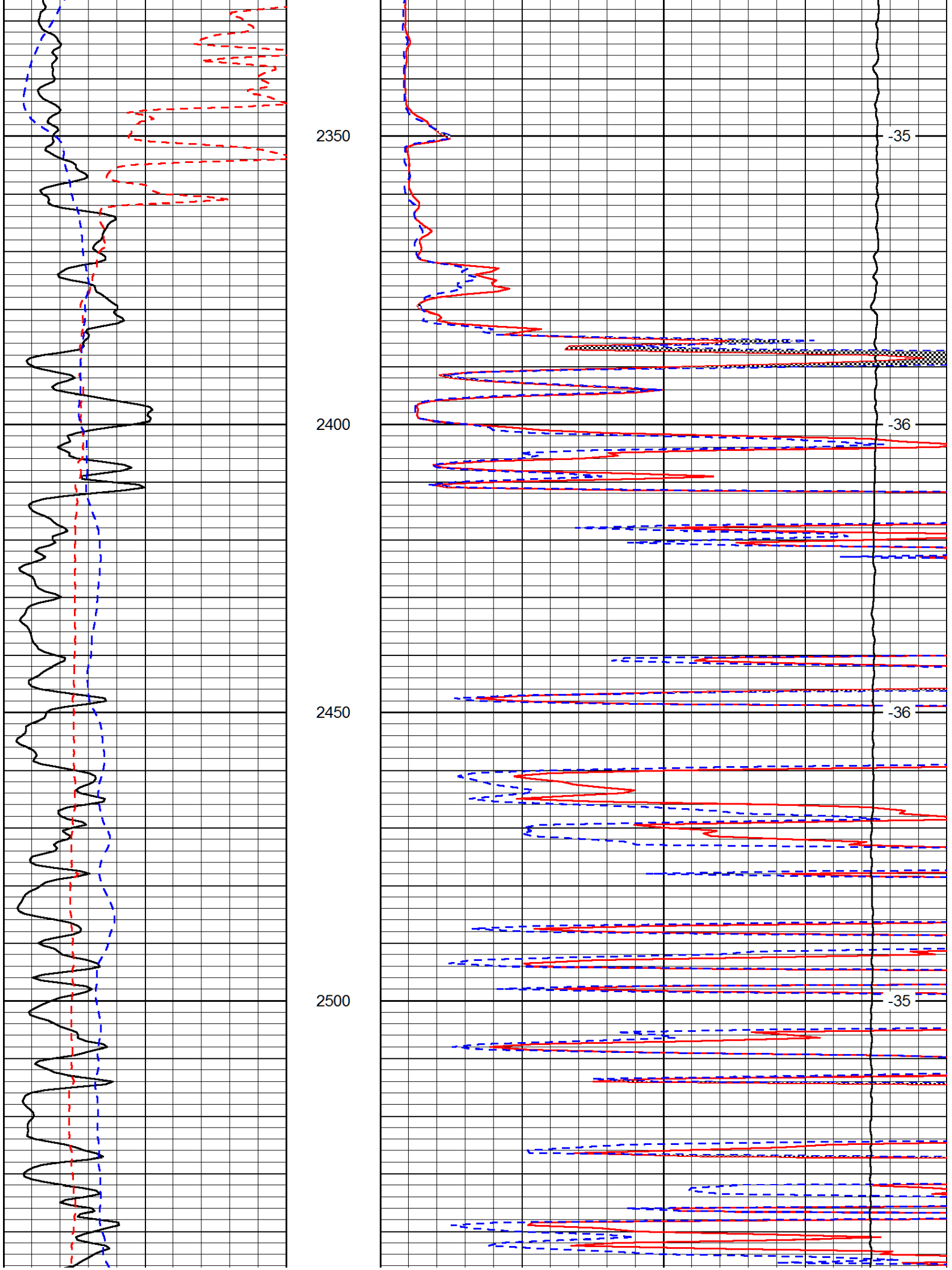
1950
2000
2050
2100
-35
-35
-35
-35
-35


2150
2200
2250
2300
-35
-34
-35
-34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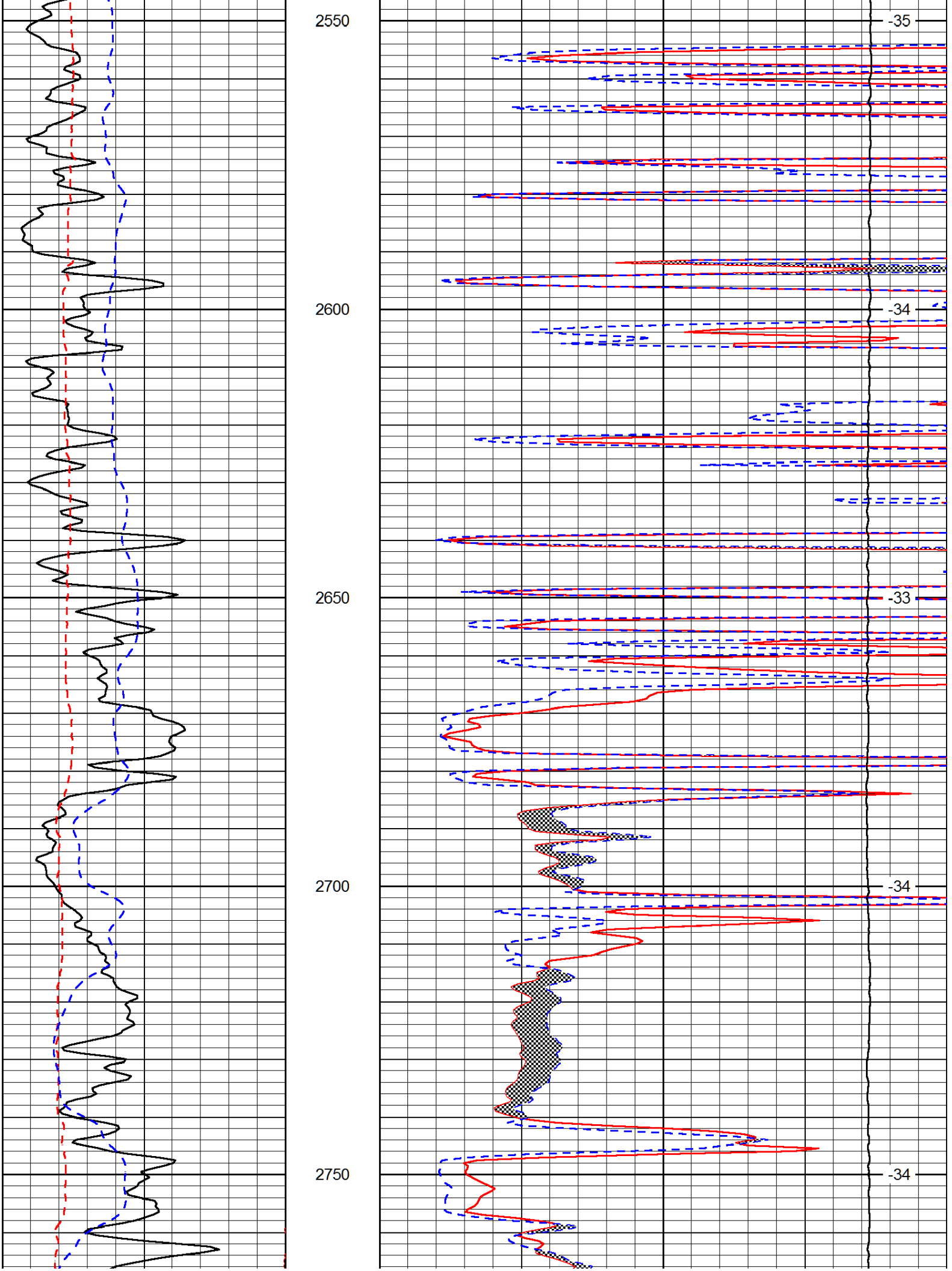
2400
2450
2500
-35
-36
-36
-35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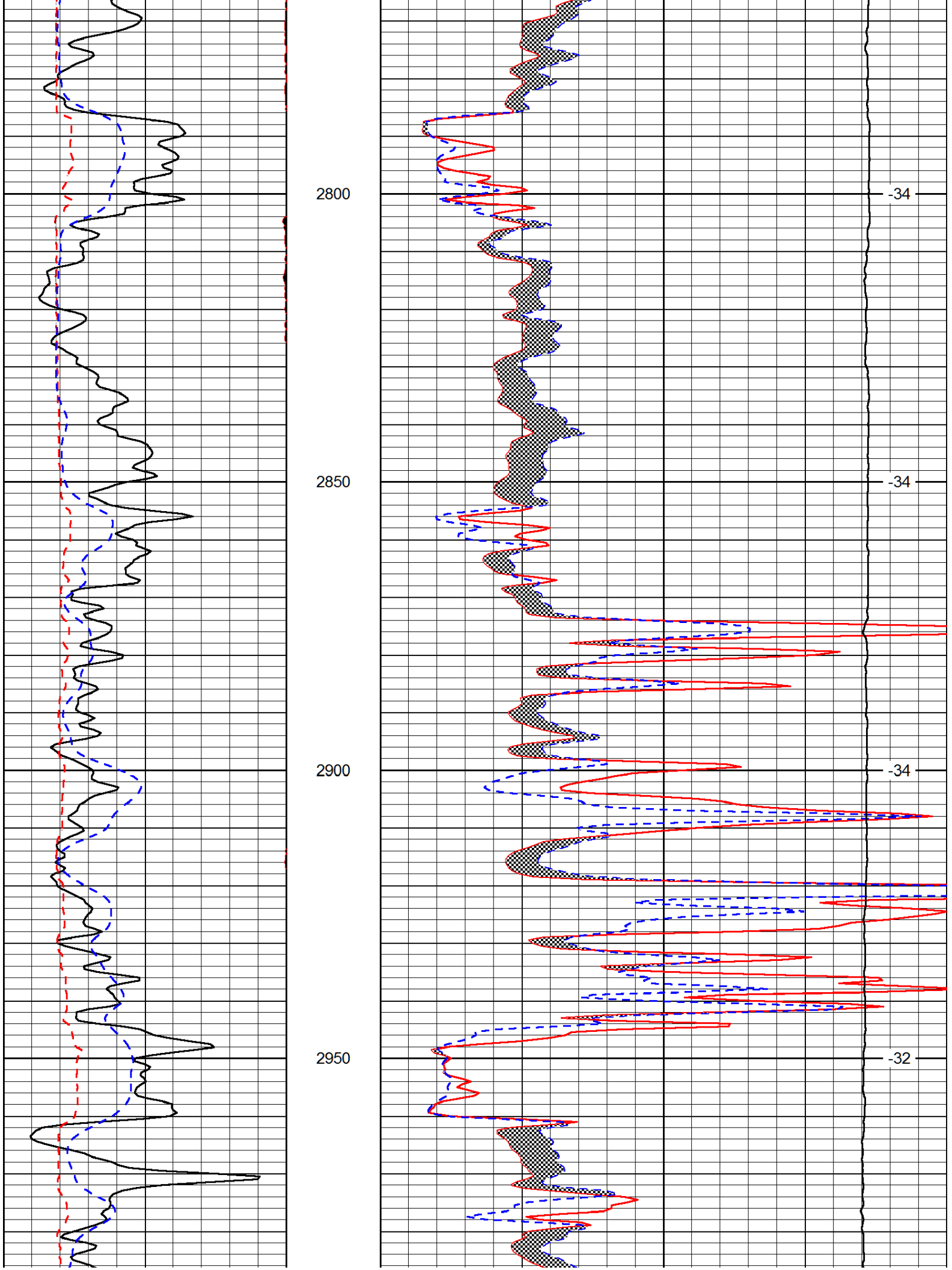
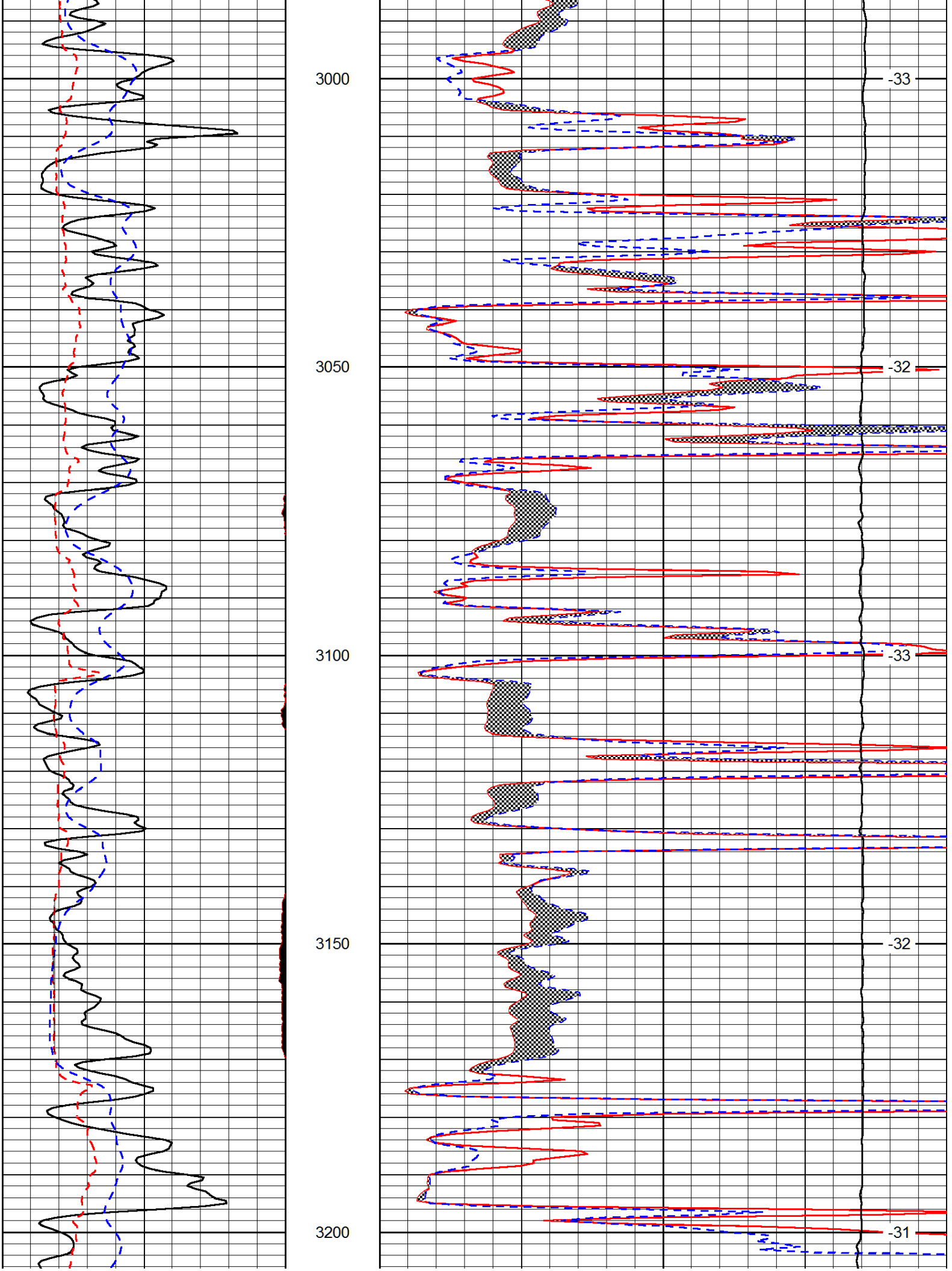
2600
2650
2700
2750
-35
-34
-33
-34
-34


2800
2850
2900
2950
-34
-34
-34
-32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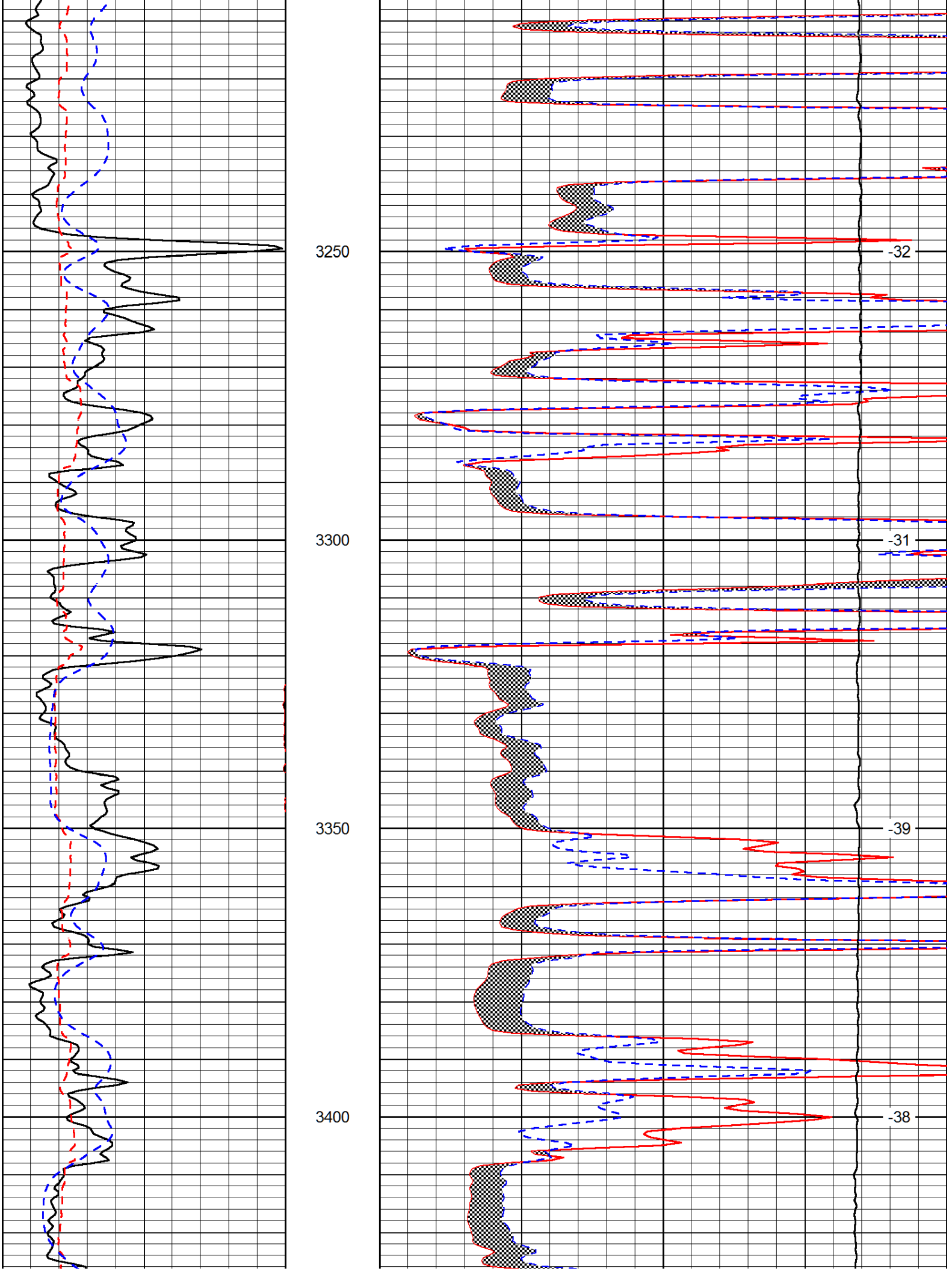
3100
3150
3200
-33
-32
-33
-32
-31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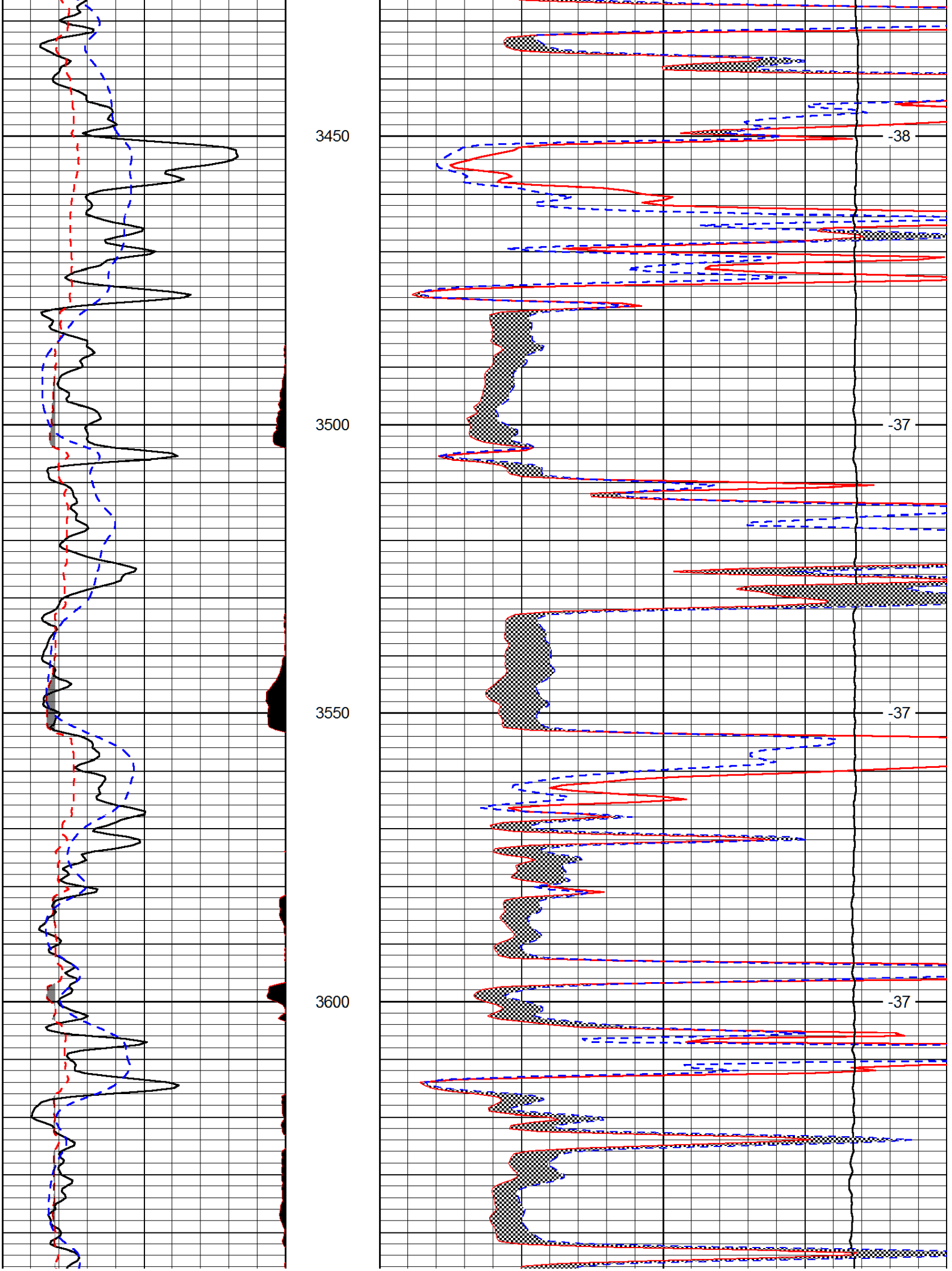
3350
3400
-32
-31
-39
-38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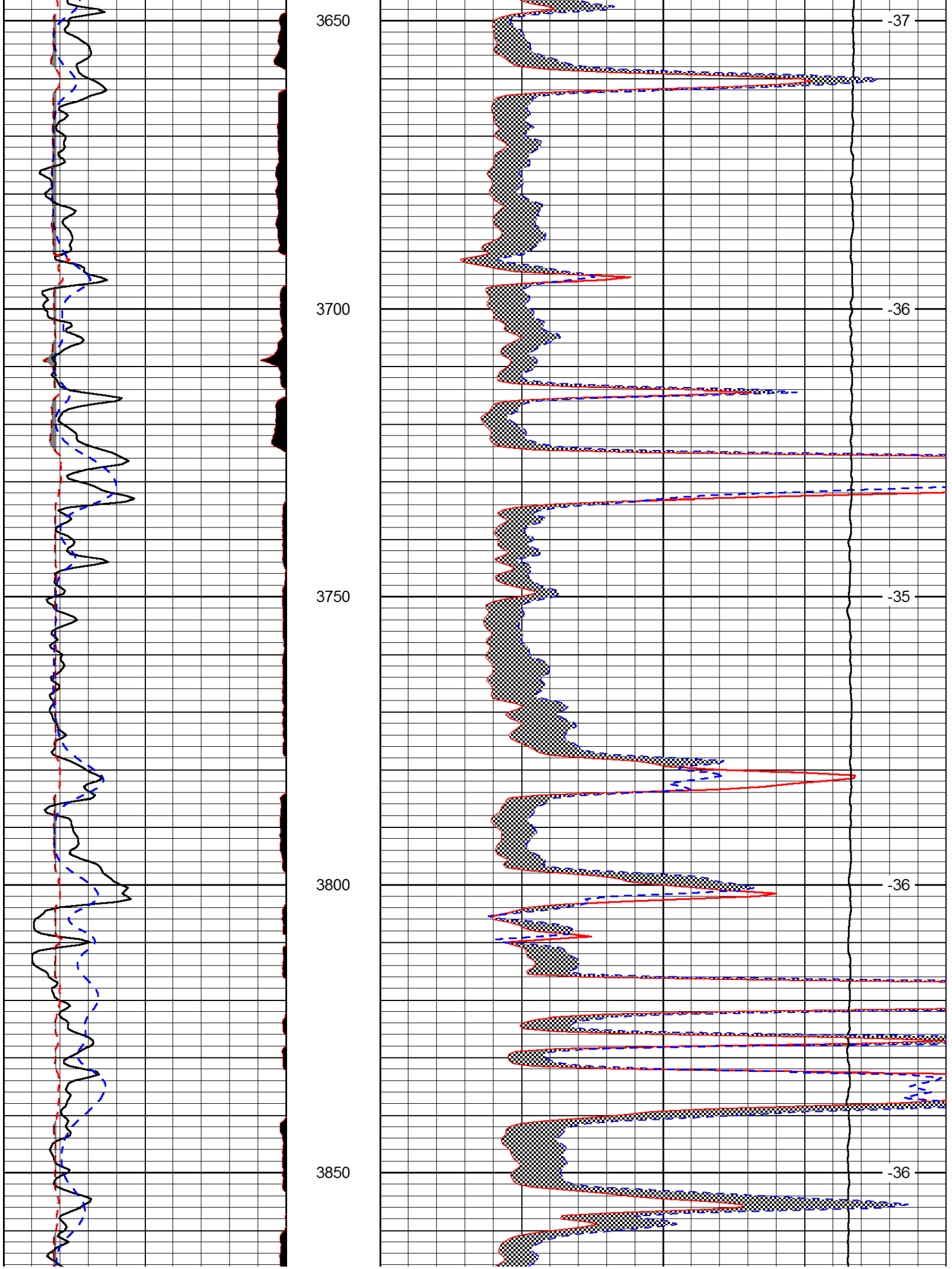
3500
3550
3600
-38
-37
-37
-37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-36
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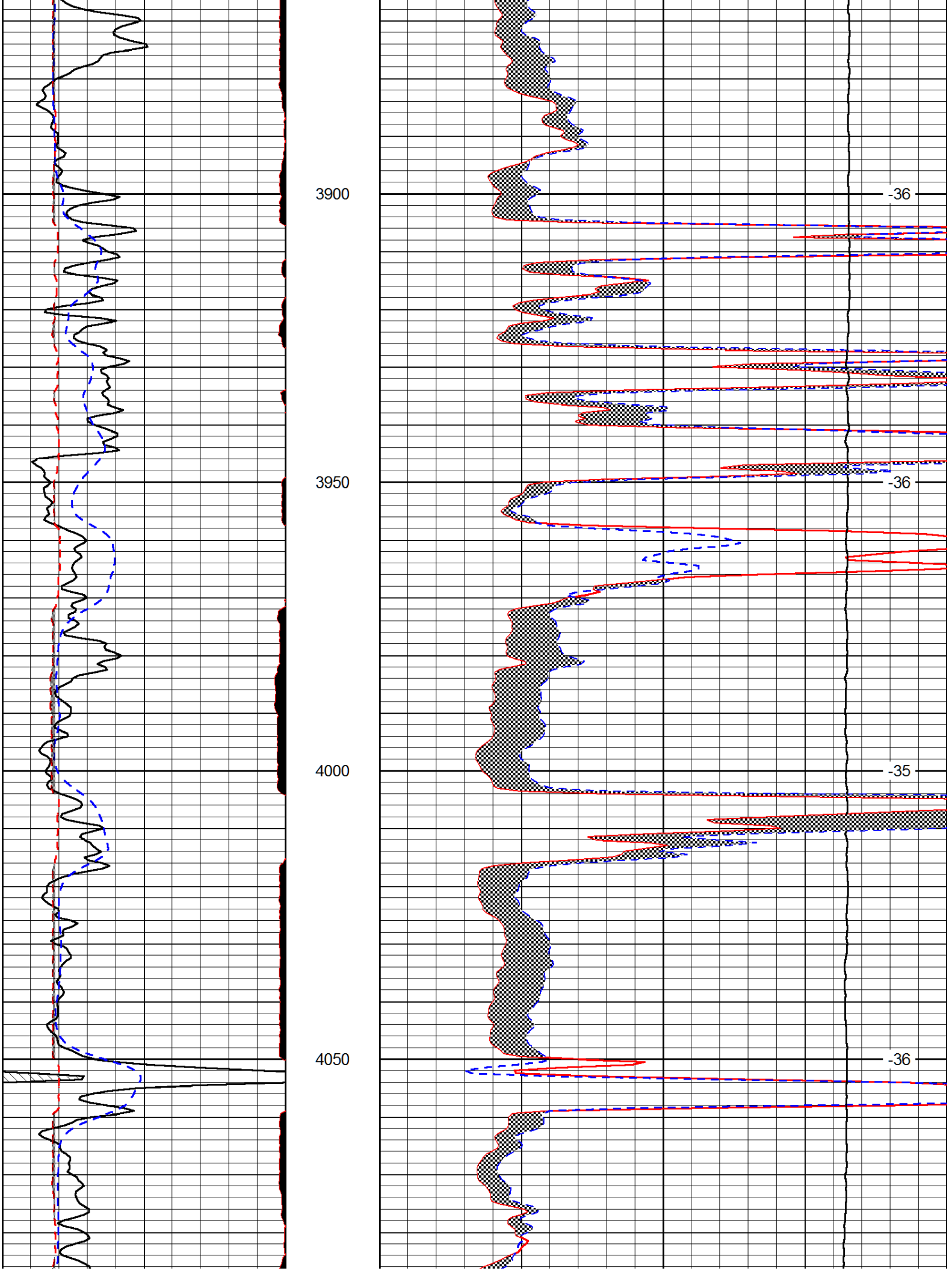
-36
-36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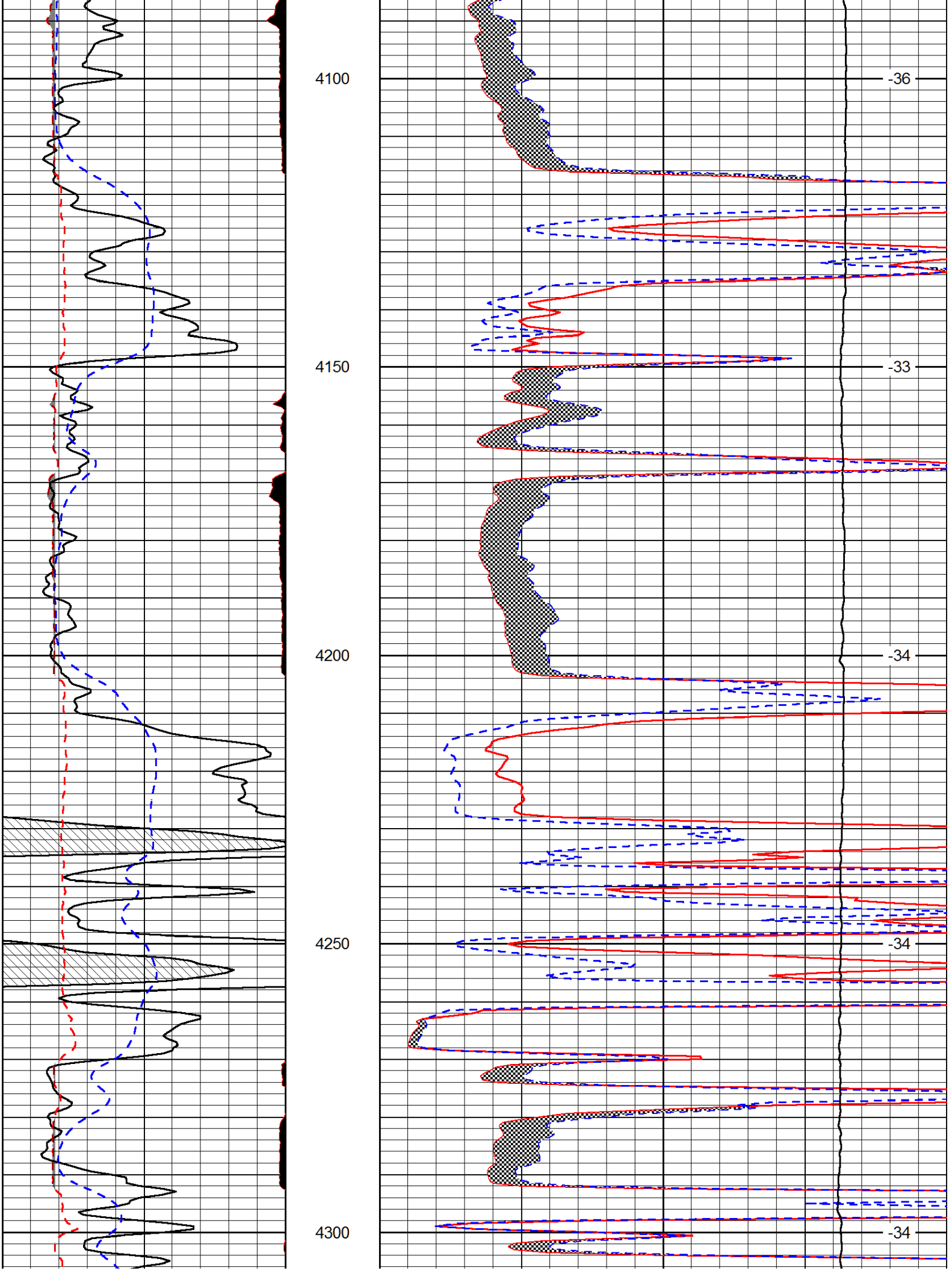
3950
4000
4050
-36
-36
-35
-36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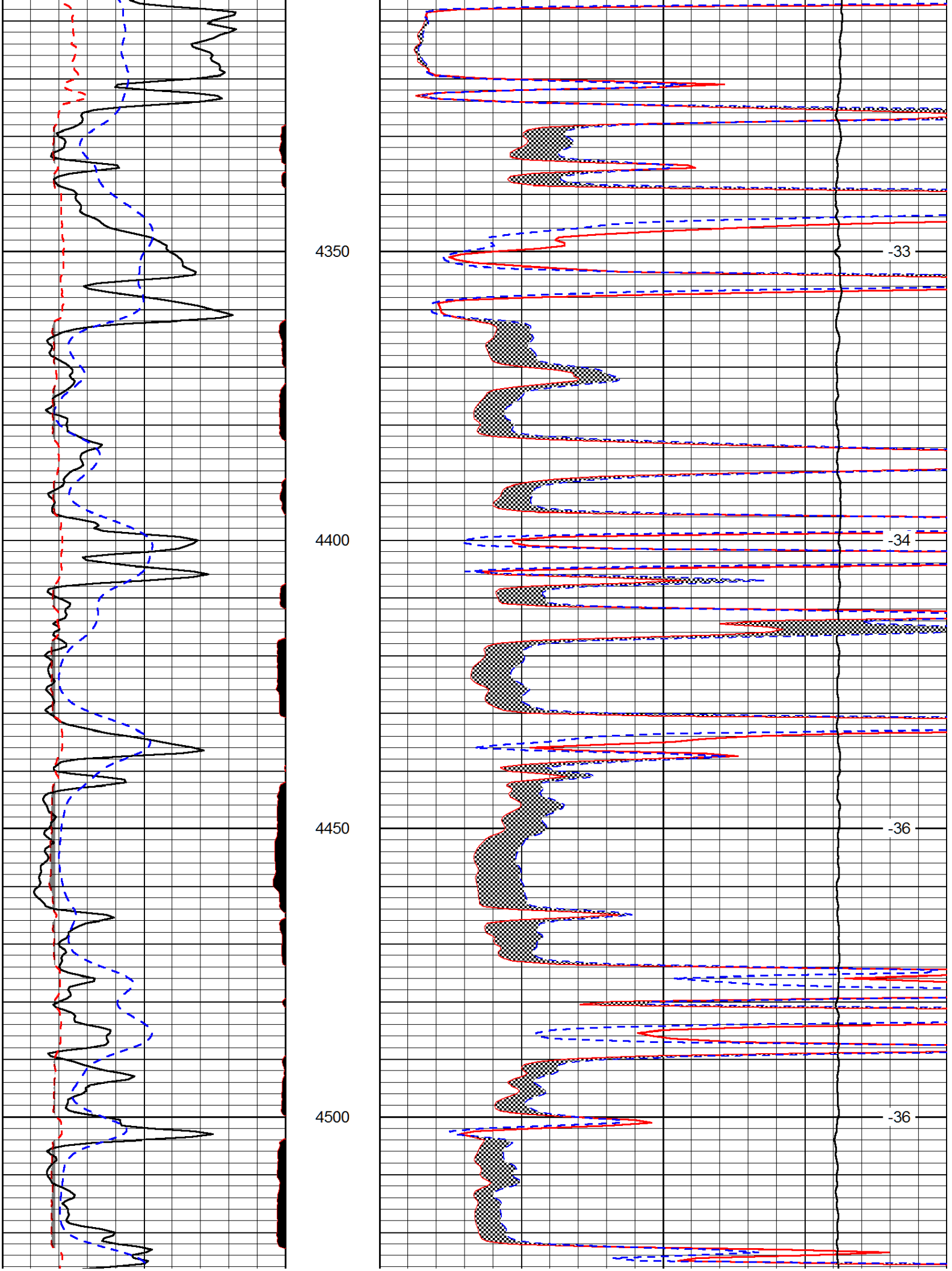
4150
4200
4250
4300
-36
-33
-34
-34
-34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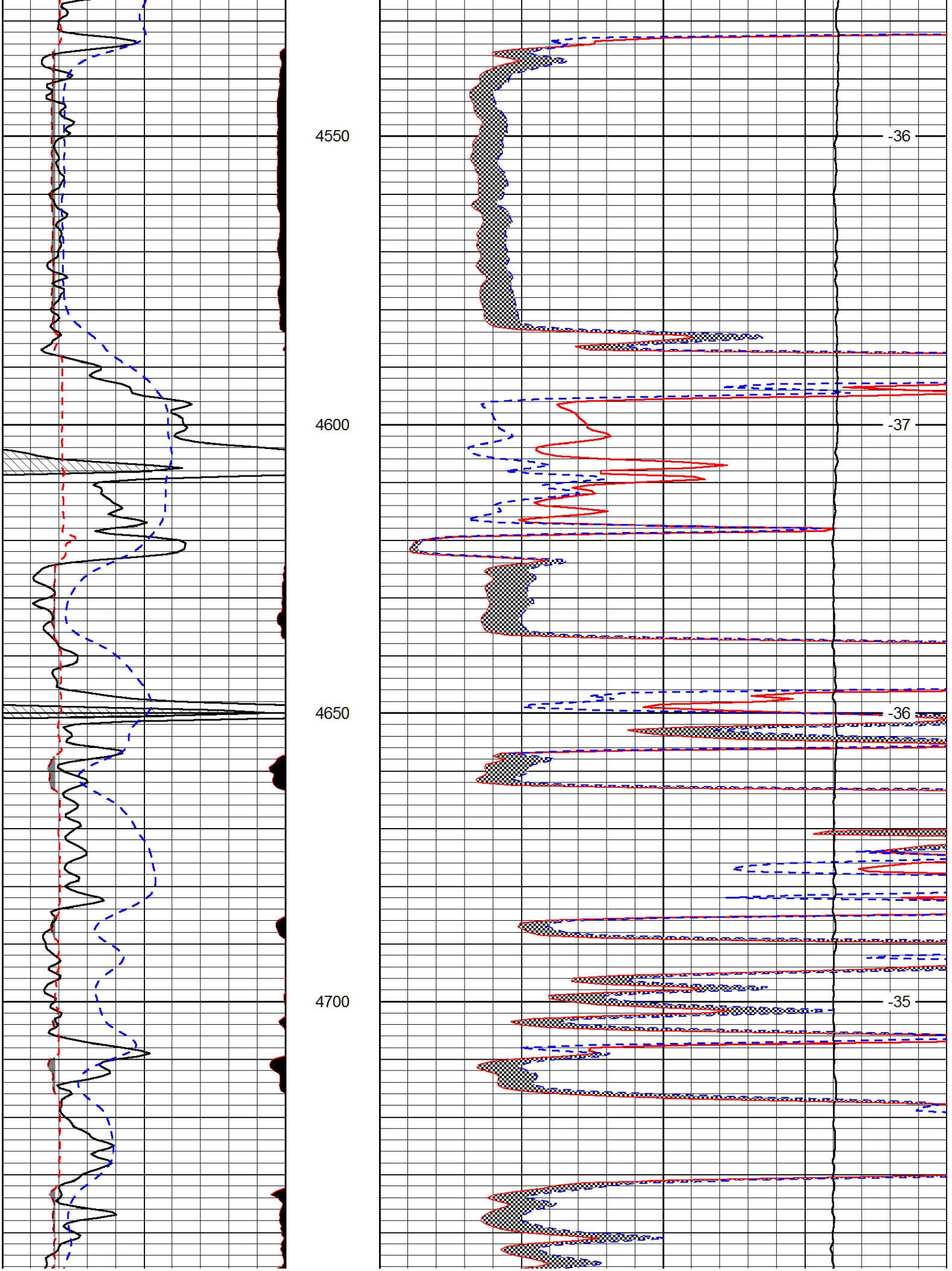
-36
4500
-36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4600
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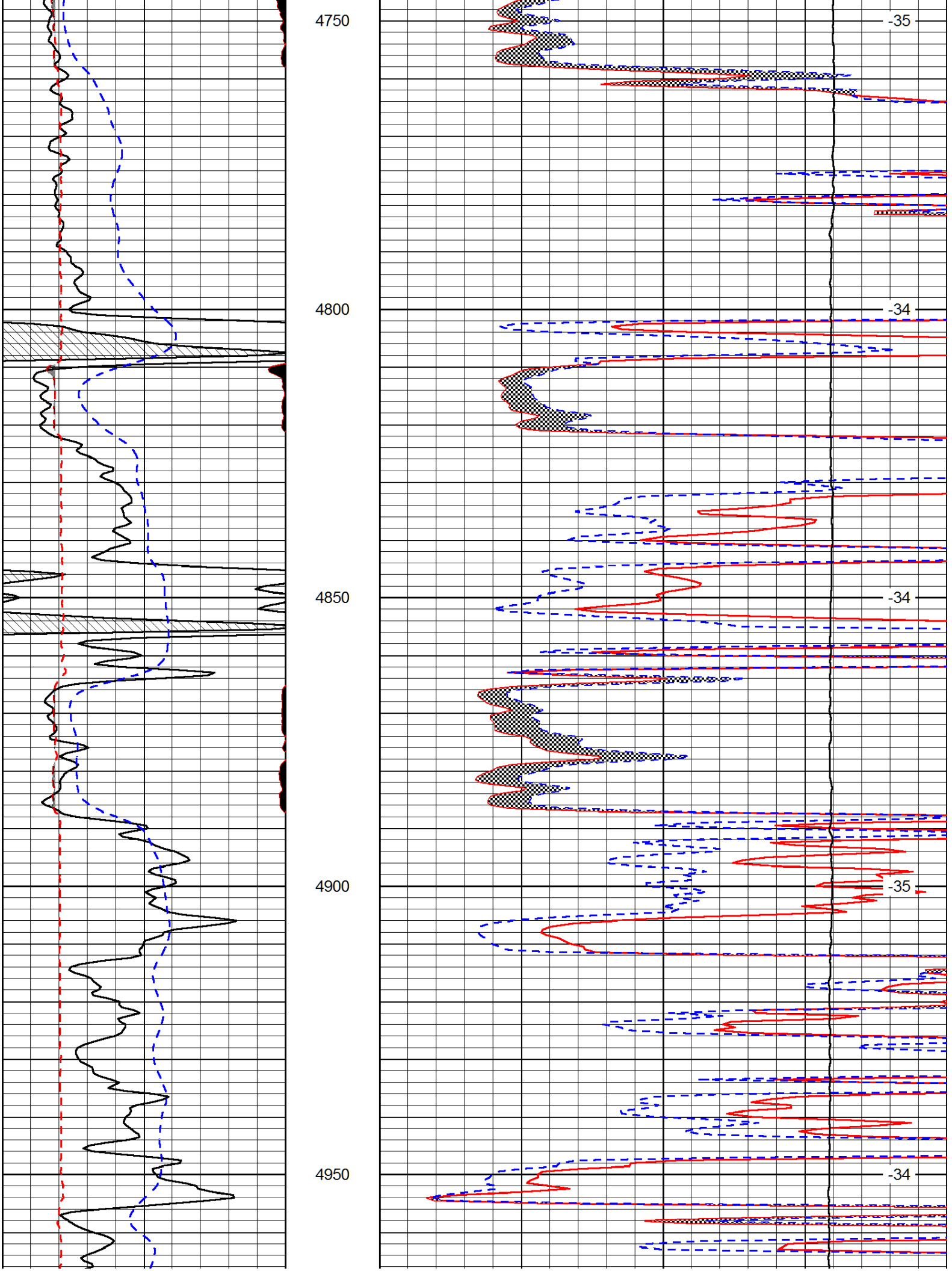
-36
-37
-36
-35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4800
4850
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-35
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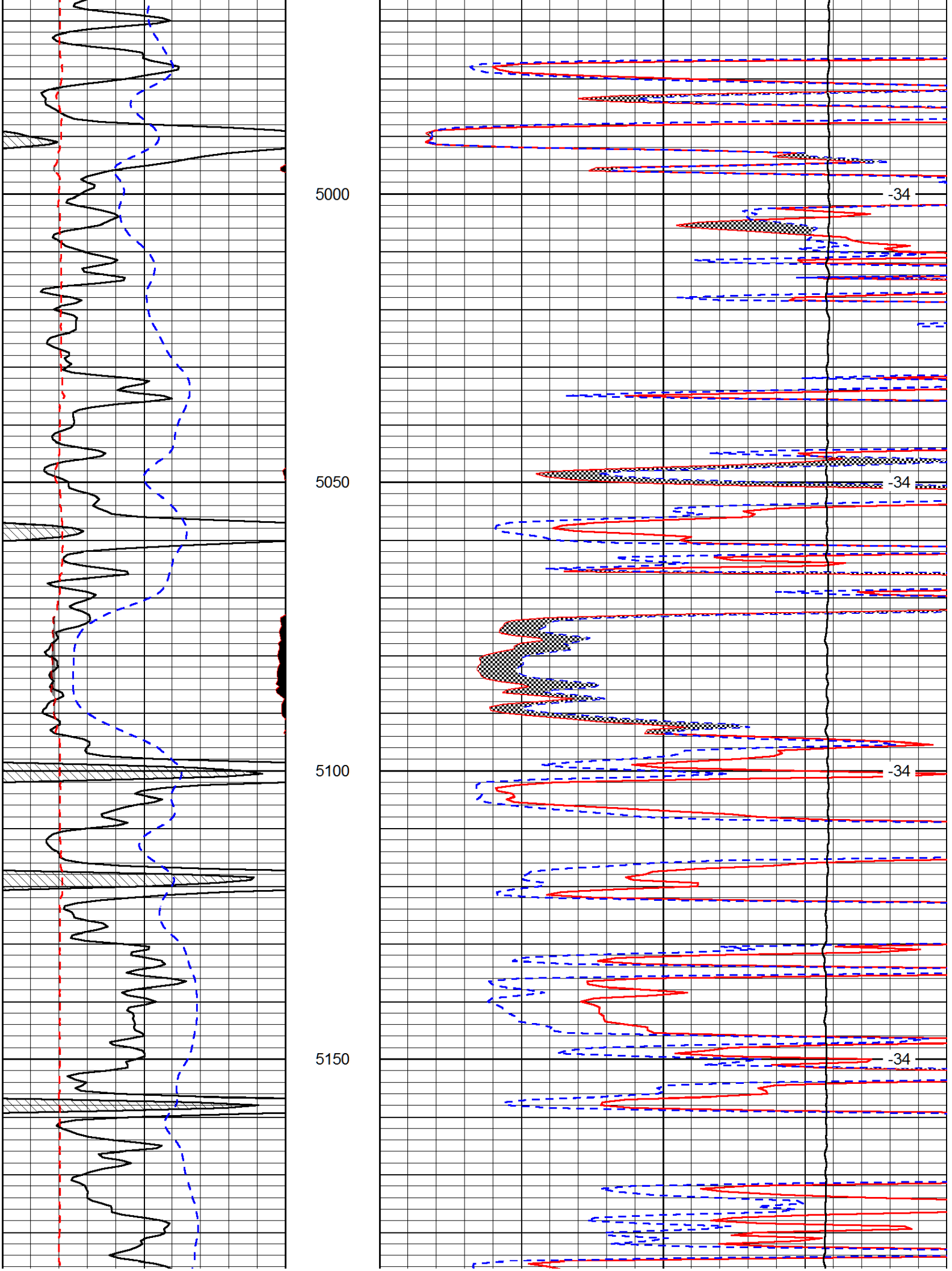
-34
-35
-34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5050
5100
5150
-34
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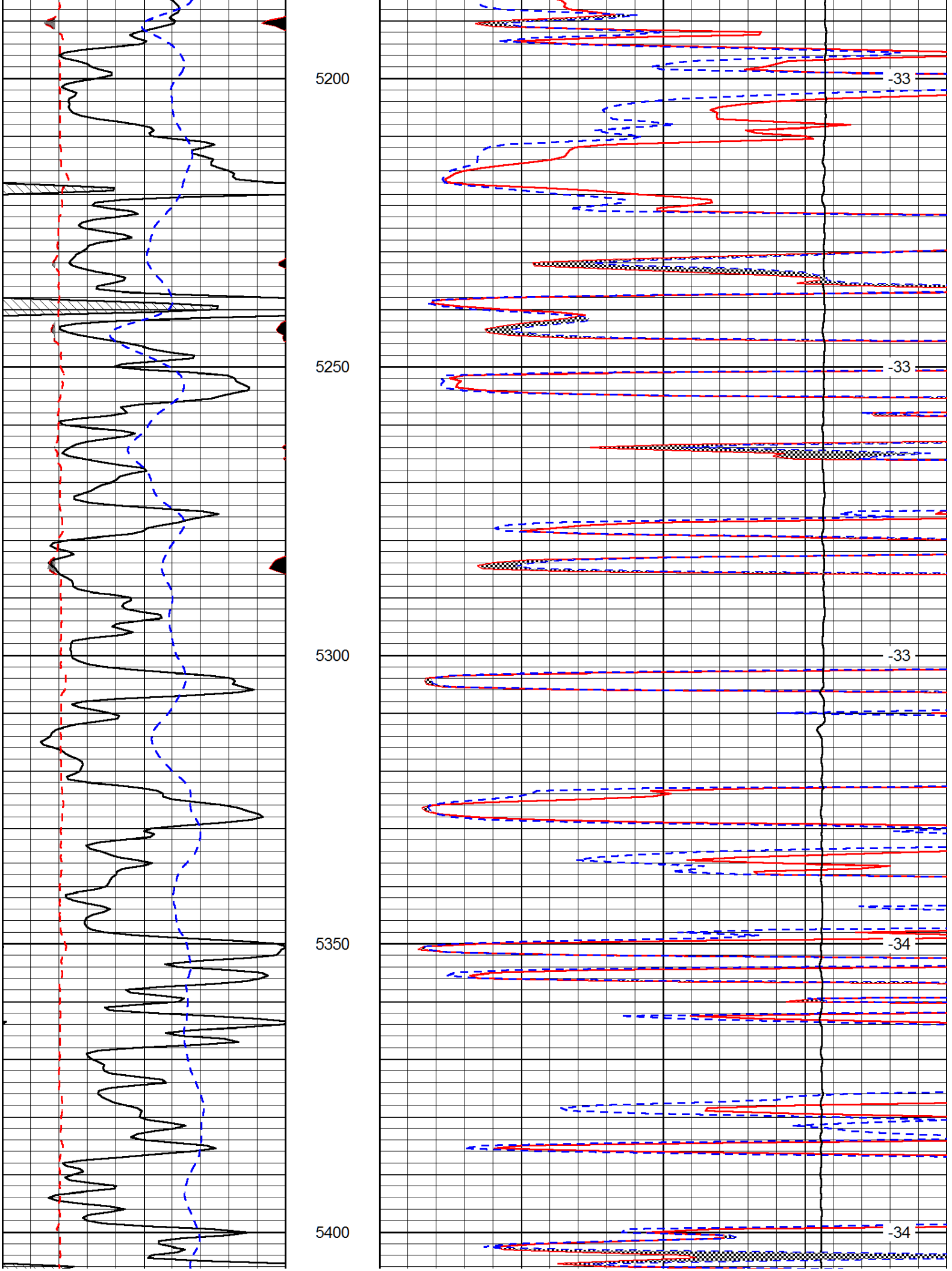
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5350
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-33
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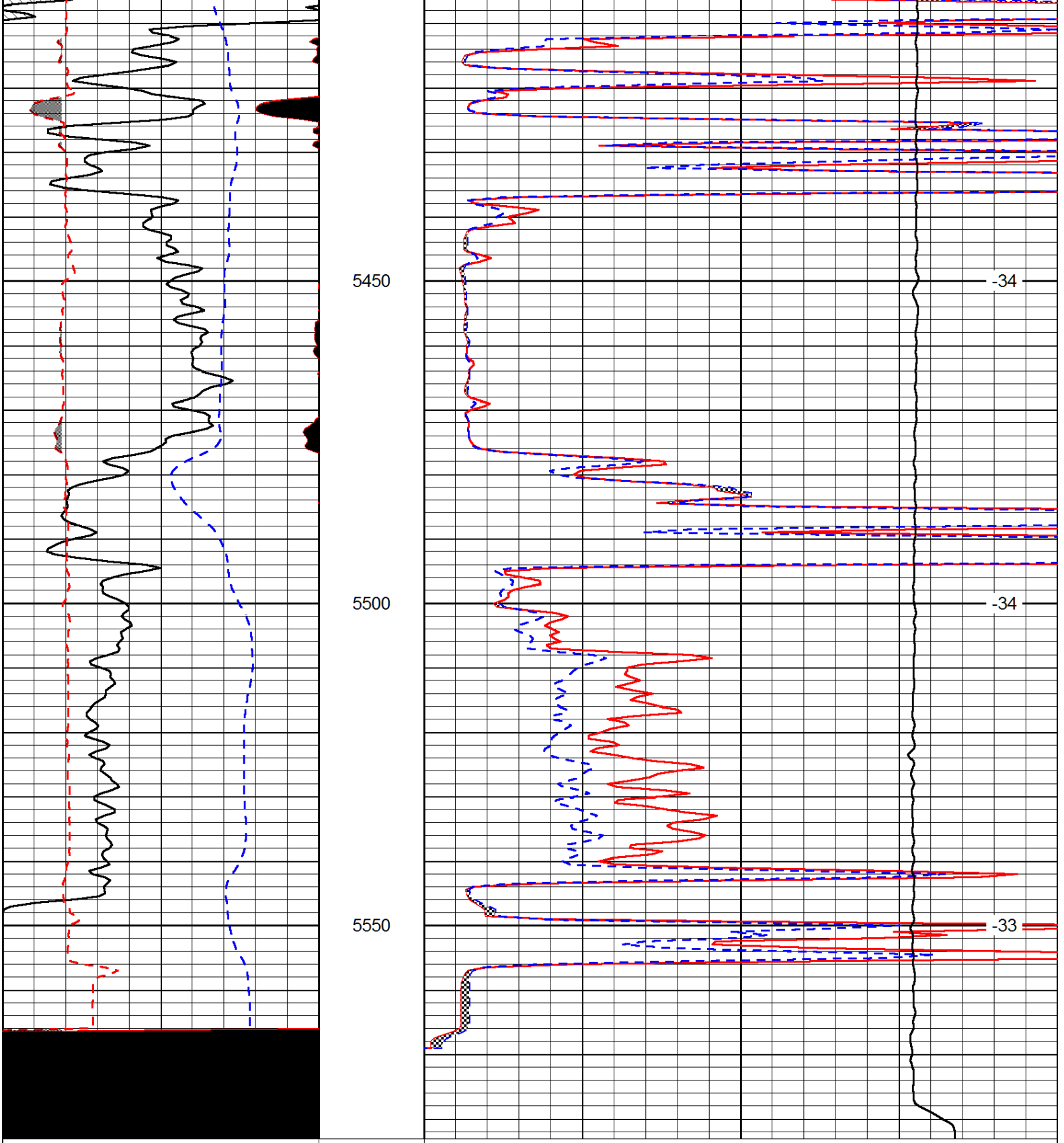
-34
-34




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

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

LSPD
(ft/min)