



Pioneer Energy Services

Microresistivity
Log

API No.

15-193-20,937-00-00

Company Val Energy, Inc.

Well Beachner No. 3-7

Field Schroeder Northwest

County Thomas State Kansas

Location 335' FSL & 335' FWL

Other Services
CNL/CDL
DIL/BHCS

Sec: 7

Twp: 8s

Rge: 35w

Elevation

Permanent Datum Ground Level Elevation 3283
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly BushingK.B. 3293
D.F.
G.L. 3283

Date 11/19/2014

Run Number Two

Depth Driller 4825

Depth Logger 4834

Bottom Logged Interval 4833

Top Log Interval 3500

Casing Driller 8.625 @ 233

Casing Logger 227

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 6200

Density / Viscosity 9.4 62

pH / Fluid Loss 9.0 10.4

Source of Sample Flowline

Rm @ Meas. Temp .45 @ 56

Rmf @ Meas. Temp .34 @ 56

Rmc @ Meas. Temp .61 @ 56

Source of Rmf / Rmc Charts

Rm @ BHT .20 @ 124

Operating Rig Time 5 Hours

Max Rec. Temp. F 124

Equipment Number 108

Location Hays

Recorded By D. Fischer

Witnessed By John Goldsmith

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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.

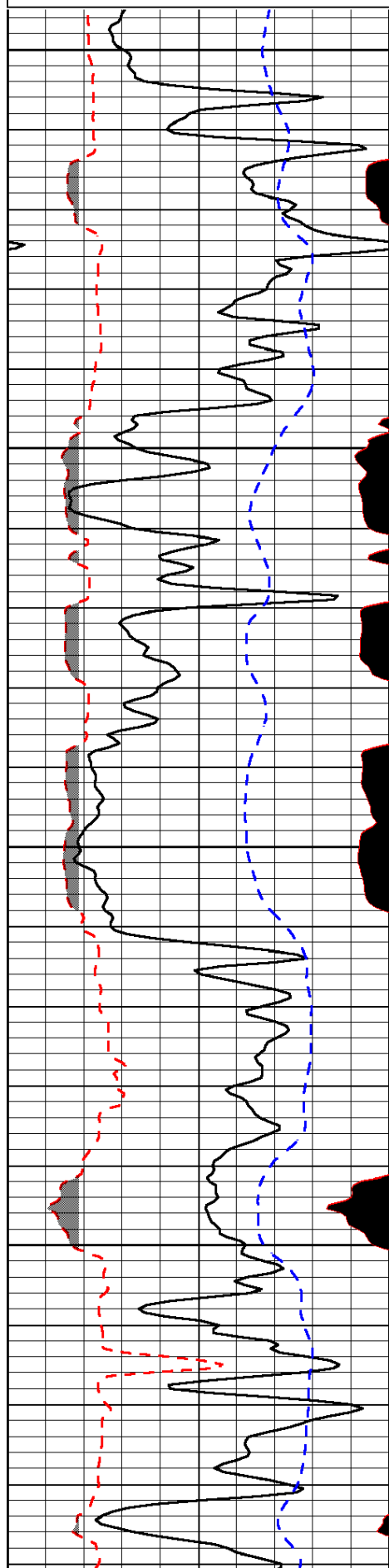
Comments

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

Levant I-70 Exit, 1/2 North, 4 West, North Into.

Database File: val_energy_beachner_3-7hd.db
Dataset Pathname: DIL/valstck
Presentation Format: micro
Dataset Creation: Wed Nov 19 09:28:31 2014
Charted by: Depth in Feet scaled 1:240

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



3500

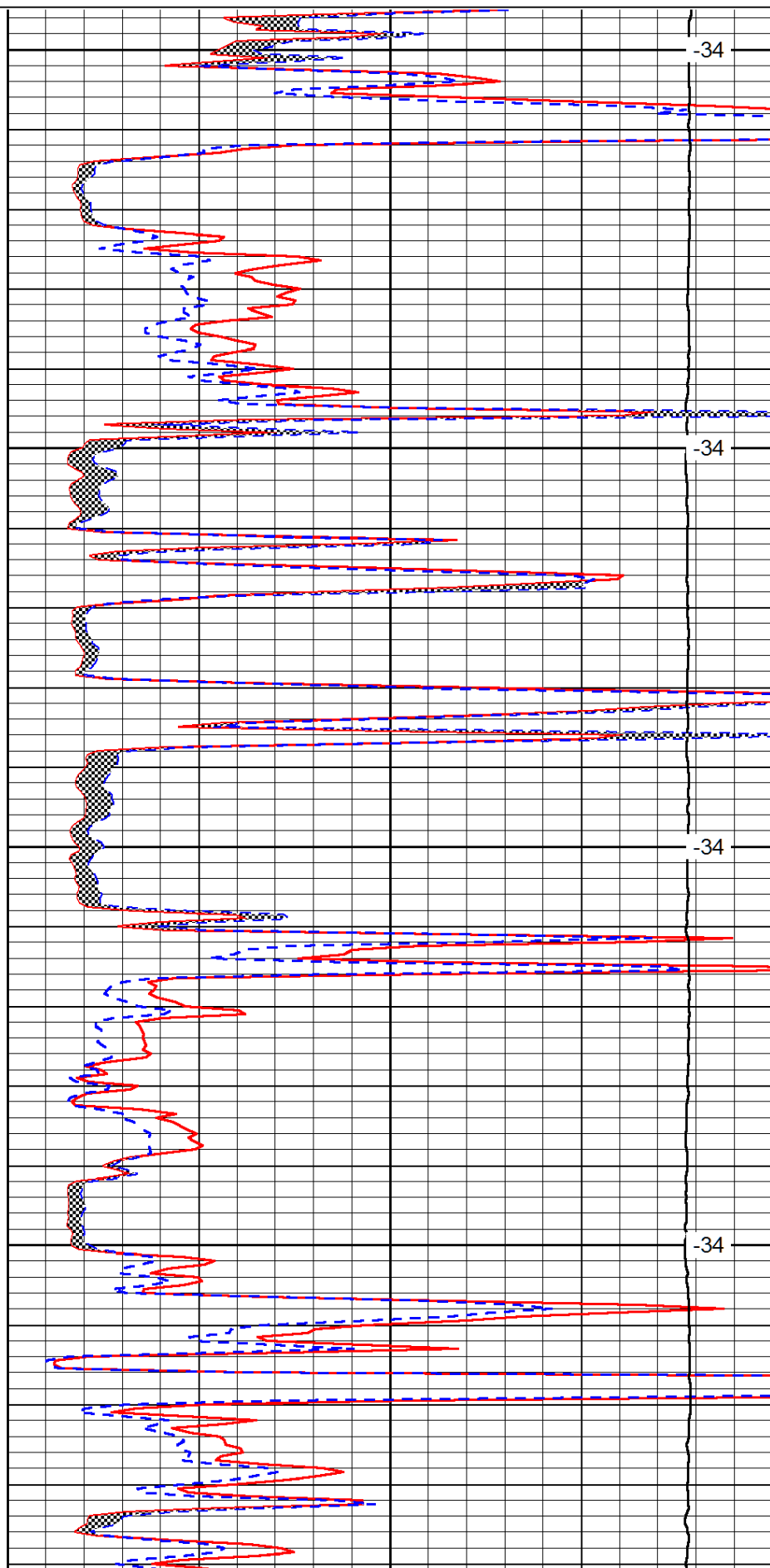
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3600

3650

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
10000	Line Weight	0

LSPD

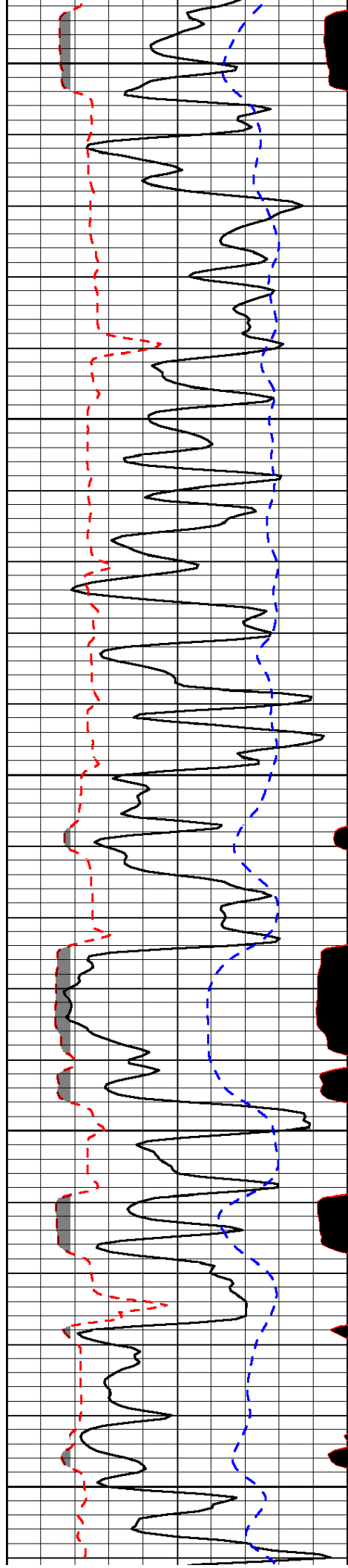


-34

-34

-34

-34



3700

3750

3800

3850

3900

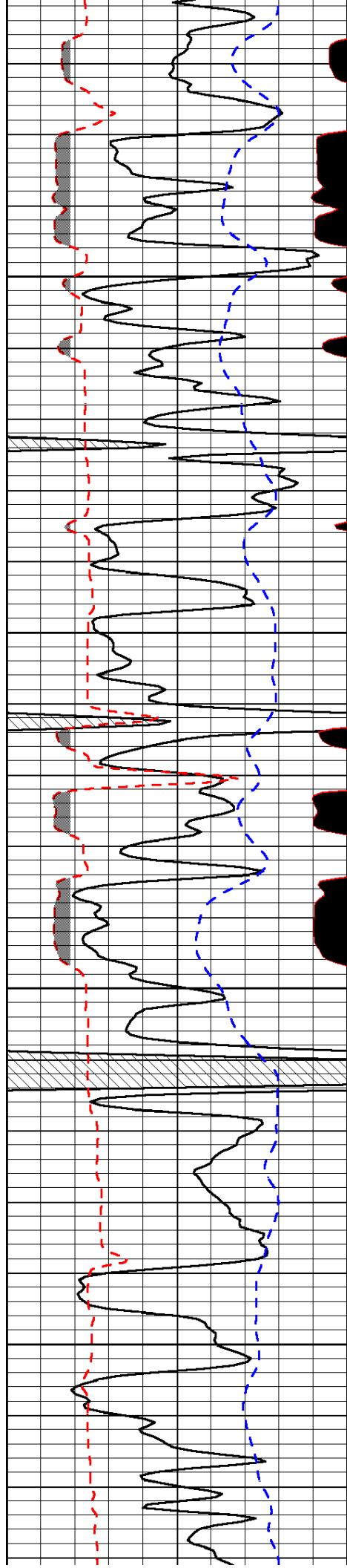
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-34

-34

-33

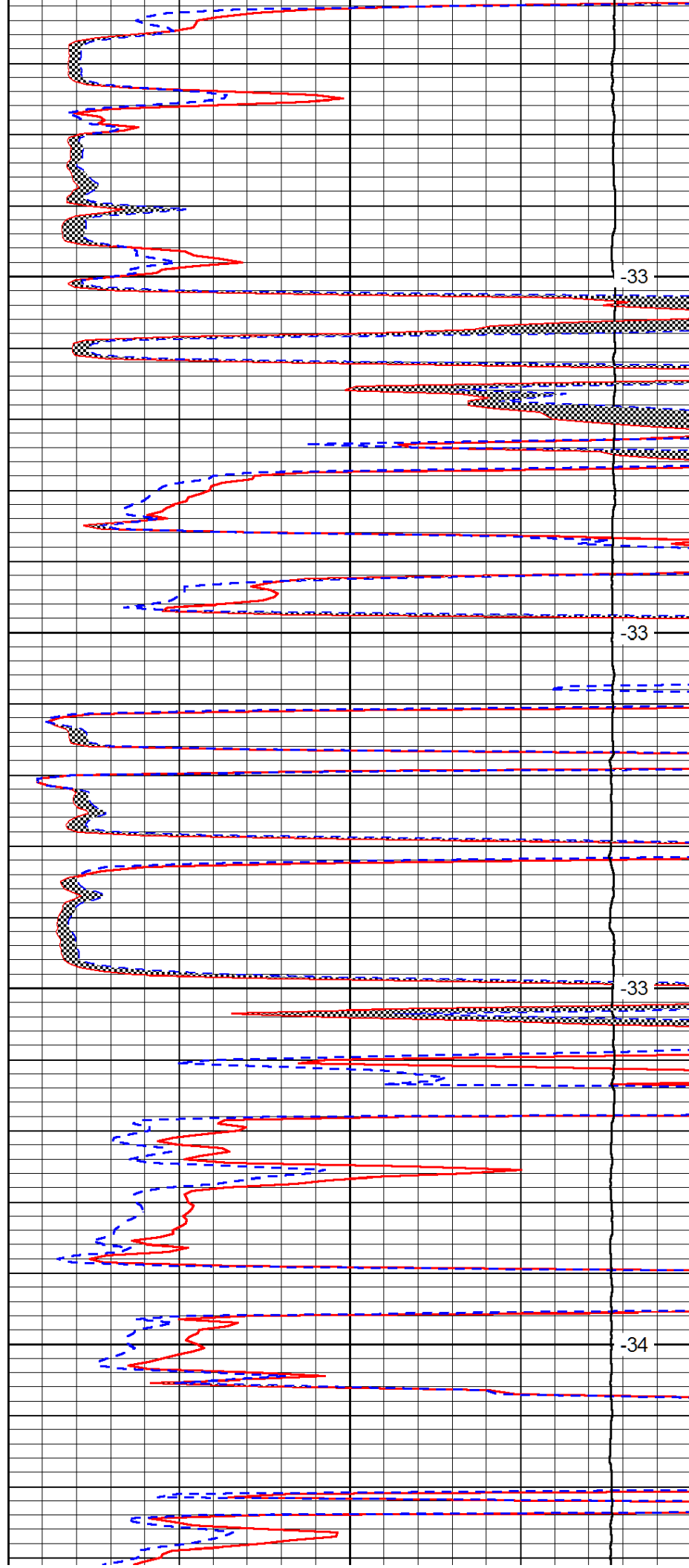


3950

4000

4050

4100

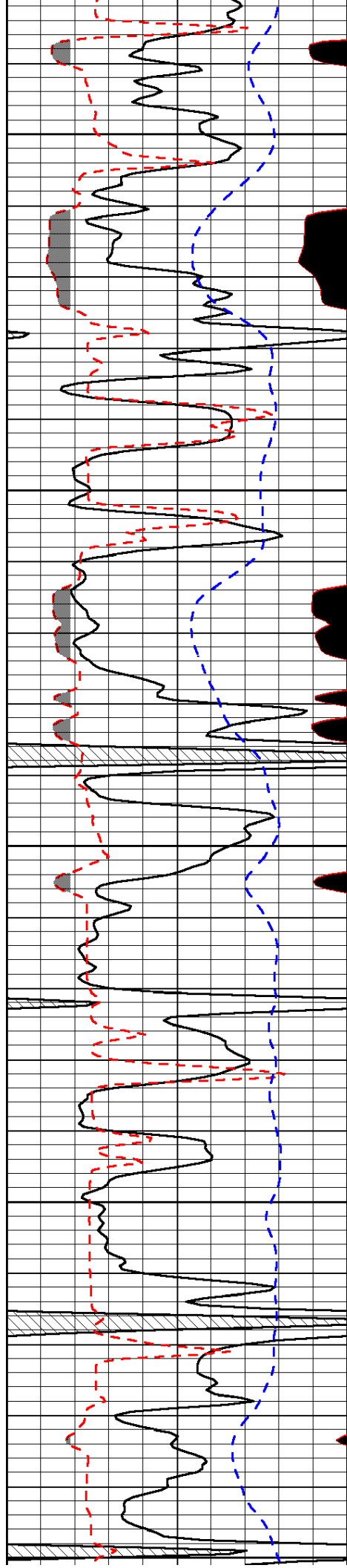


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-33

-33

-34



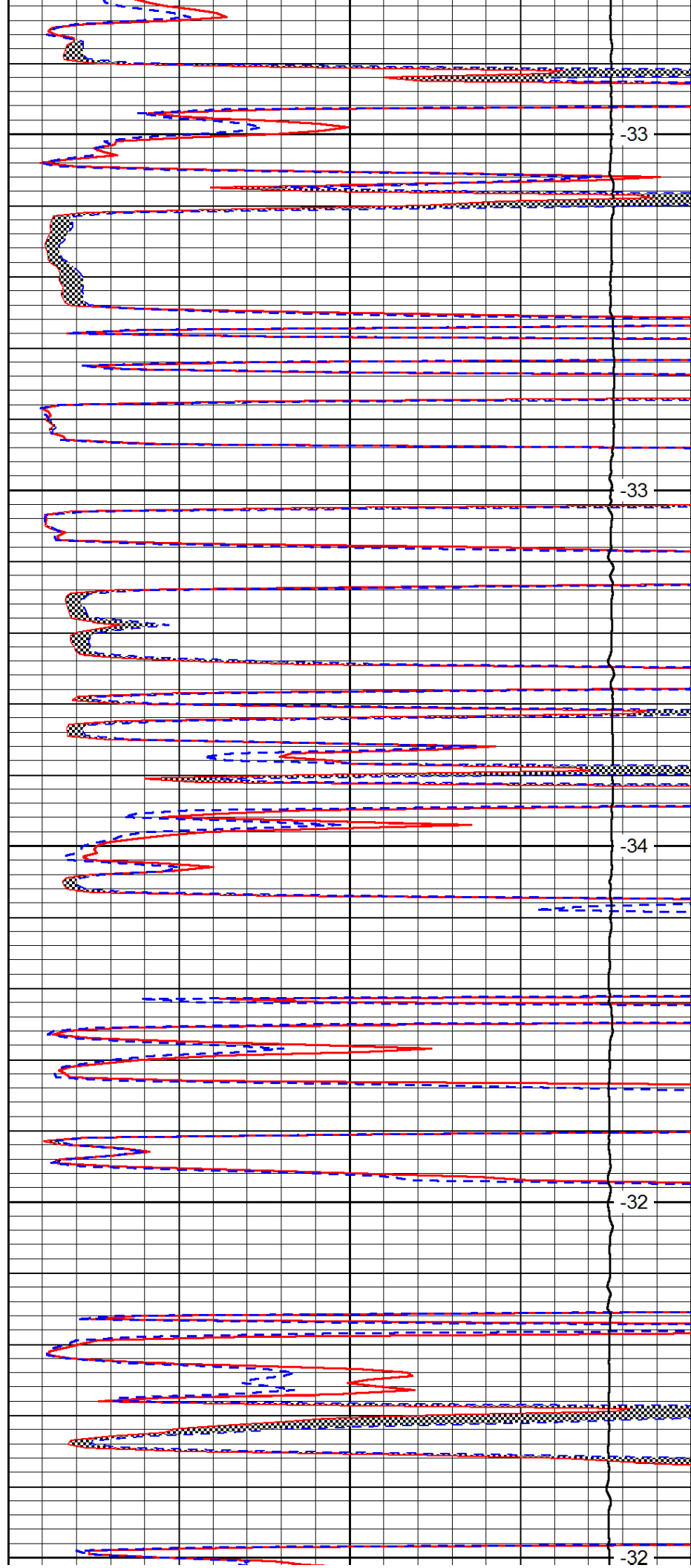
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4200

4250

4300

4350



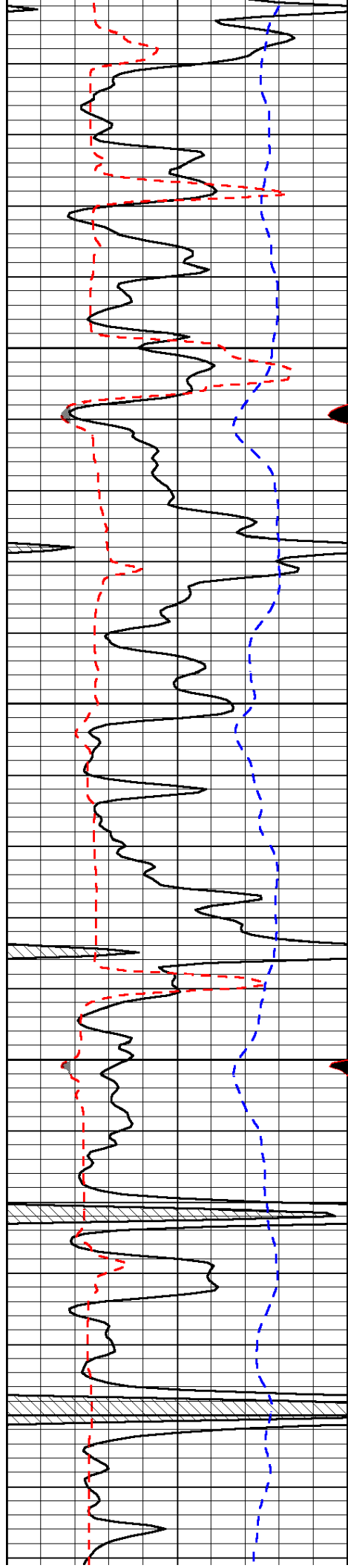
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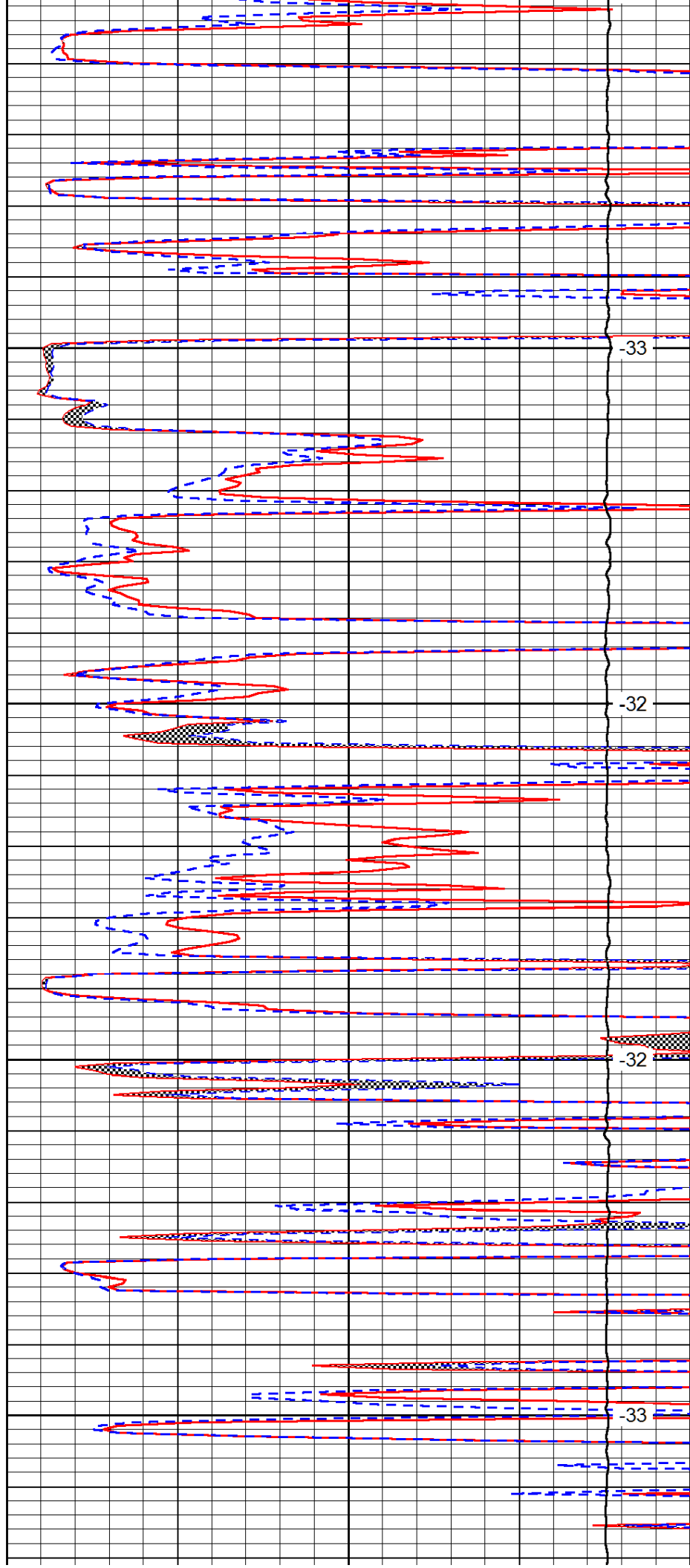


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4450

4500

4550

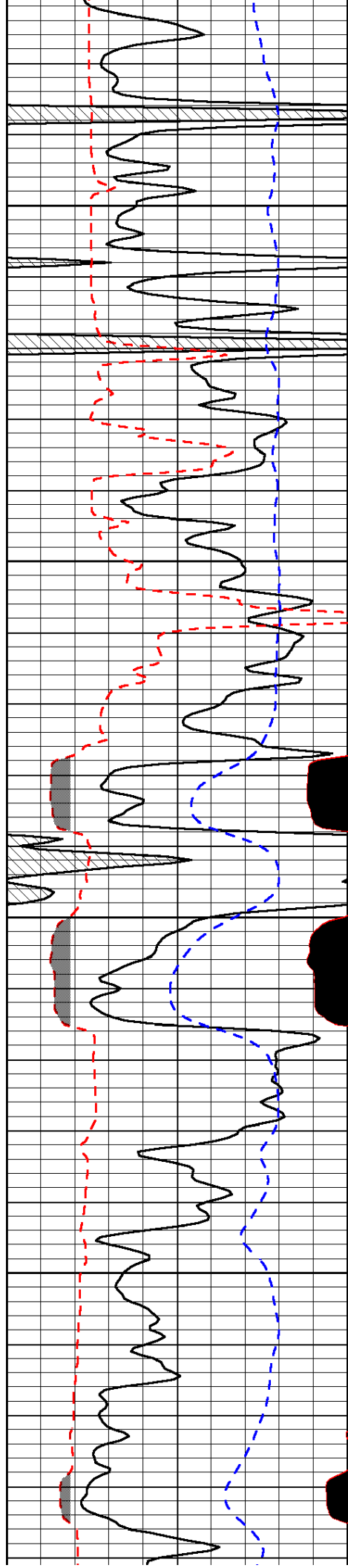


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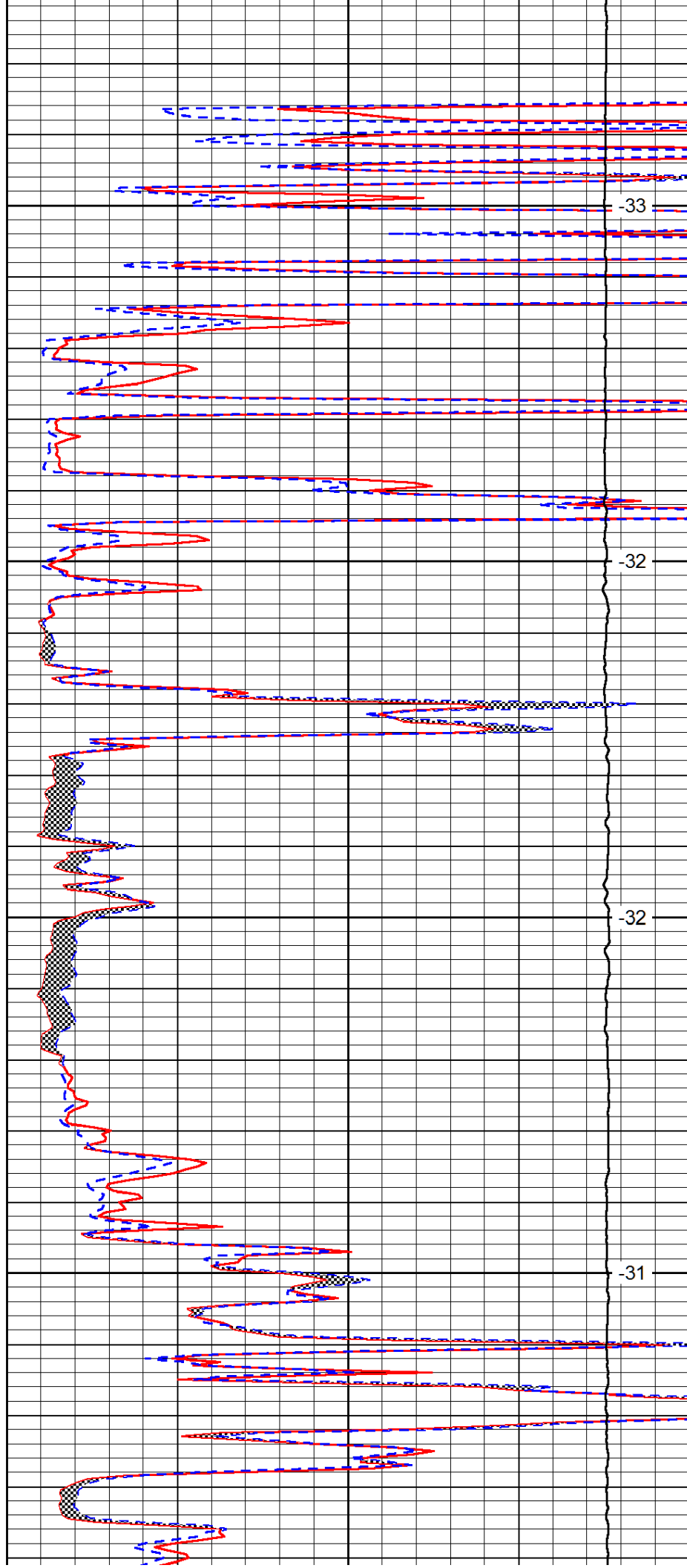


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4650

4700

4750

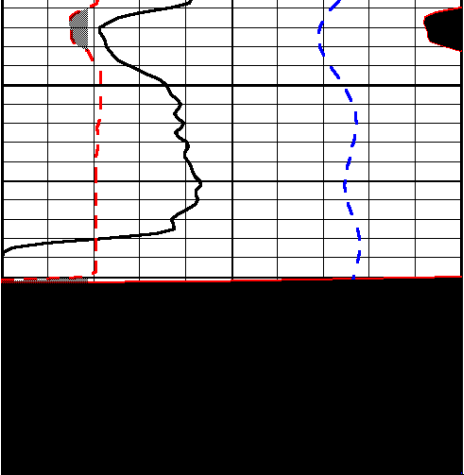


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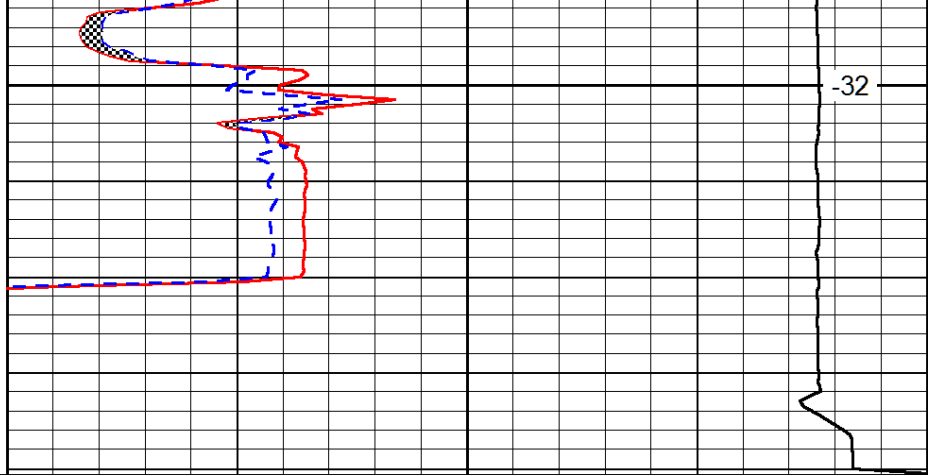
-32

-31



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