



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.

15-101-22,167-00-00

Company **Carmen Schmitt Inc.**

Well **Marlene A No. 3**

Field **Wildcat**

County **Lane** State **Kansas**

Location **550' FSL & 1400' FWL**

Sec: **31** Twp: **18S** Rge: **29W**

Other Services
CNL/CDL
DIL/BHCS

Permanent Datum **Ground Level** Elevation **2846**

Log Measured From **Kelly Bushing** 5 Ft. Above Perm. Datum

Drilling Measured From **Kelly Bushing** K.B. 2851
D.F. 2846
G.L. 2846

Date **05/13/2009**

Run Number **Two**

Depth Driller **4900**

Depth Logger **4909**

Bottom Logged Interval **4908**

Top Log Interval **3800**

Casing Driller **8.625 @ 236**

Casing Logger **217**

Bit Size **7.875**

Type Fluid in Hole **Chemical**

Salinity, ppm CL **2.500**

Density / Viscosity **9.4 52**

pH / Fluid Loss **9.0 8.8**

Source of Sample **Flowline**

Rm @ Meas. Temp **1.7 @ 65**

Rmf @ Meas. Temp **1.27 @ 65**

Rmc @ Meas. Temp **2.29 @ 65**

Source of Rmf / Rmc **Charts**

Rm @ BHT **.87 @ 127**

Operating Rig Time **5 Hours**

Max Rec. Temp. F **127**

Equipment Number **10**

Location **Hays**

Recorded By **Jason Wellbrock**

Witnessed By **Tim Priest**

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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.

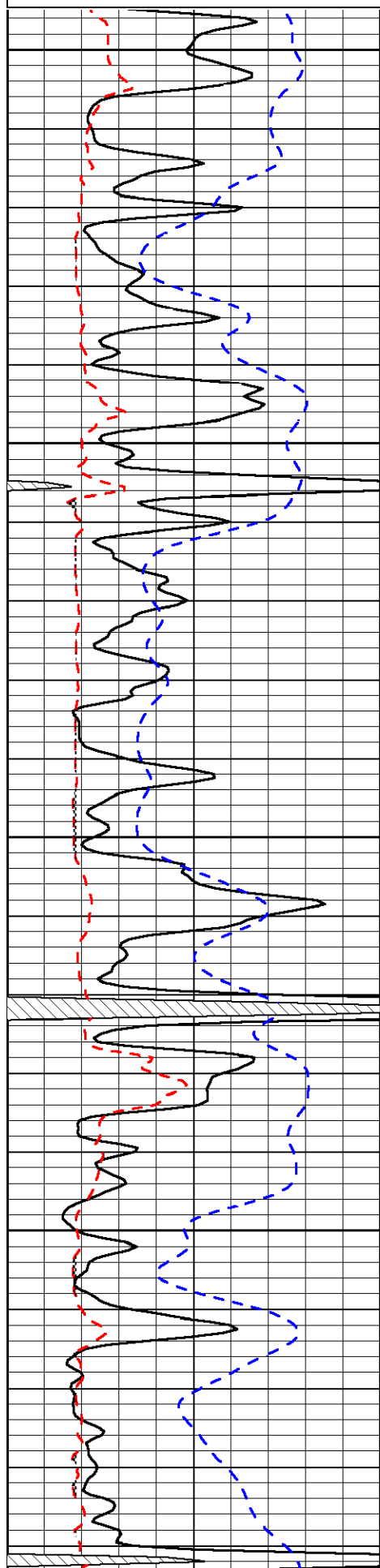
Comments

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

Dighton 5 W to Gage rd, 3 S, 1/2 W N Into

Database File: carmenhd.db
Dataset Pathname: dil/carm2in
Presentation Format: micro
Dataset Creation: Wed May 13 20:09:51 2009
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP	0



3800

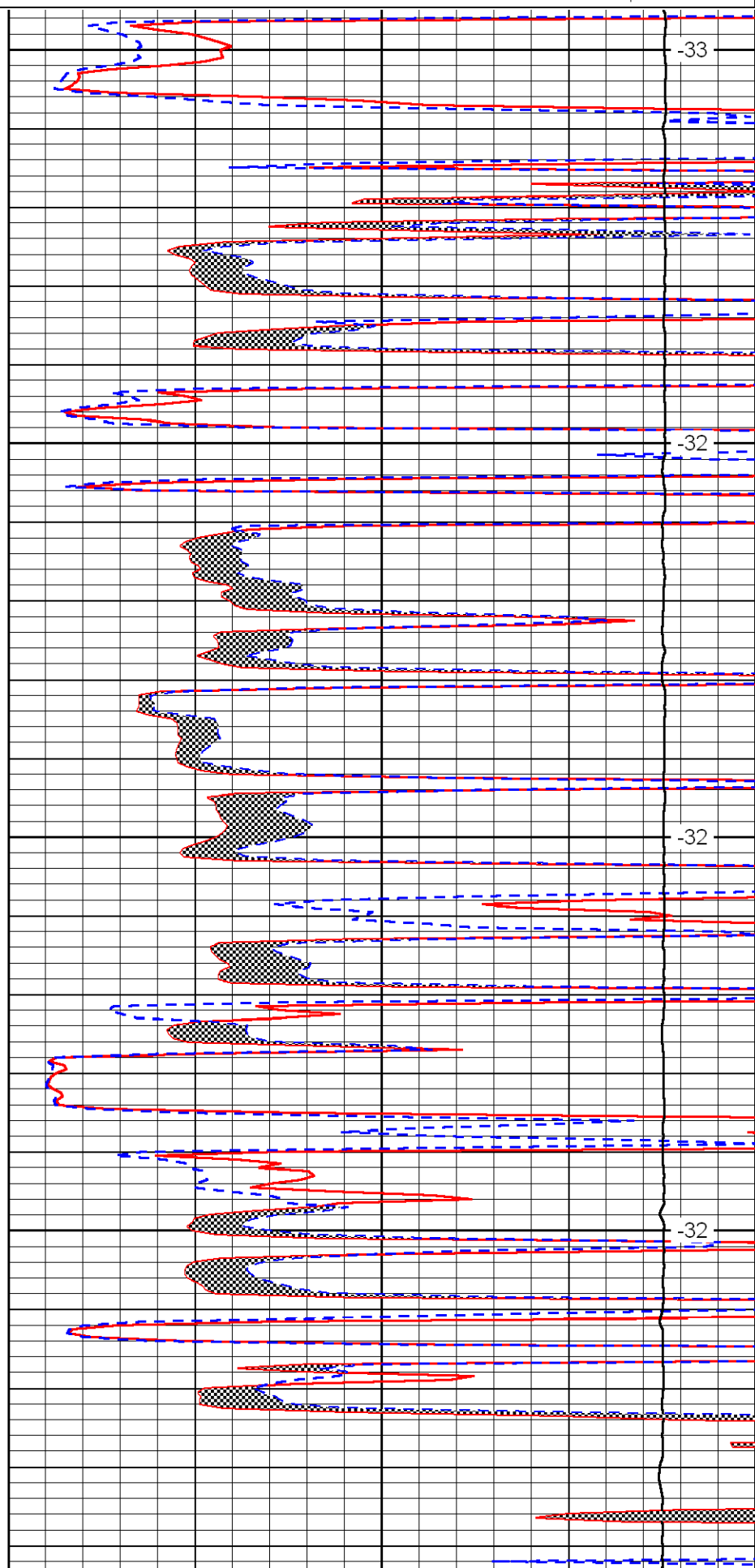
3850

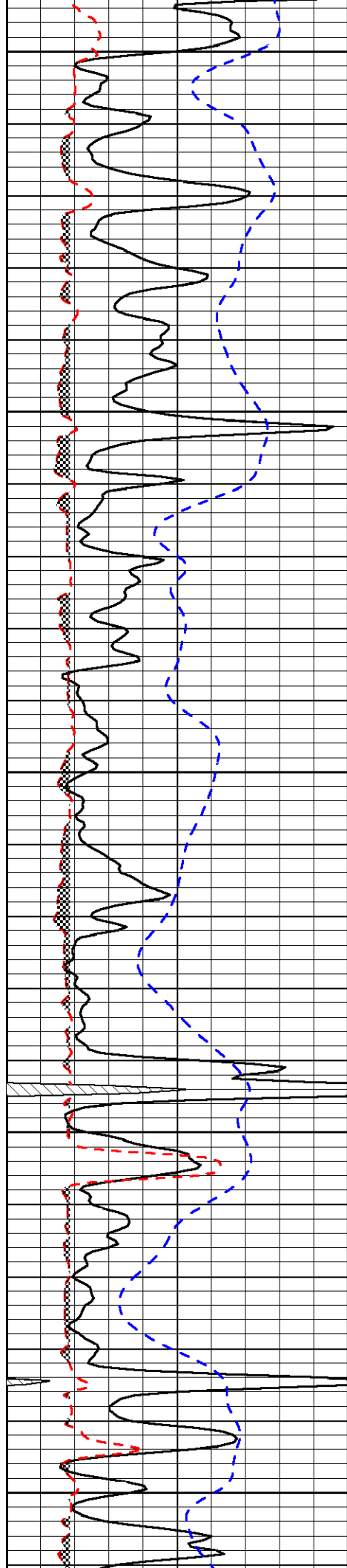
3900

3950

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

LSPD





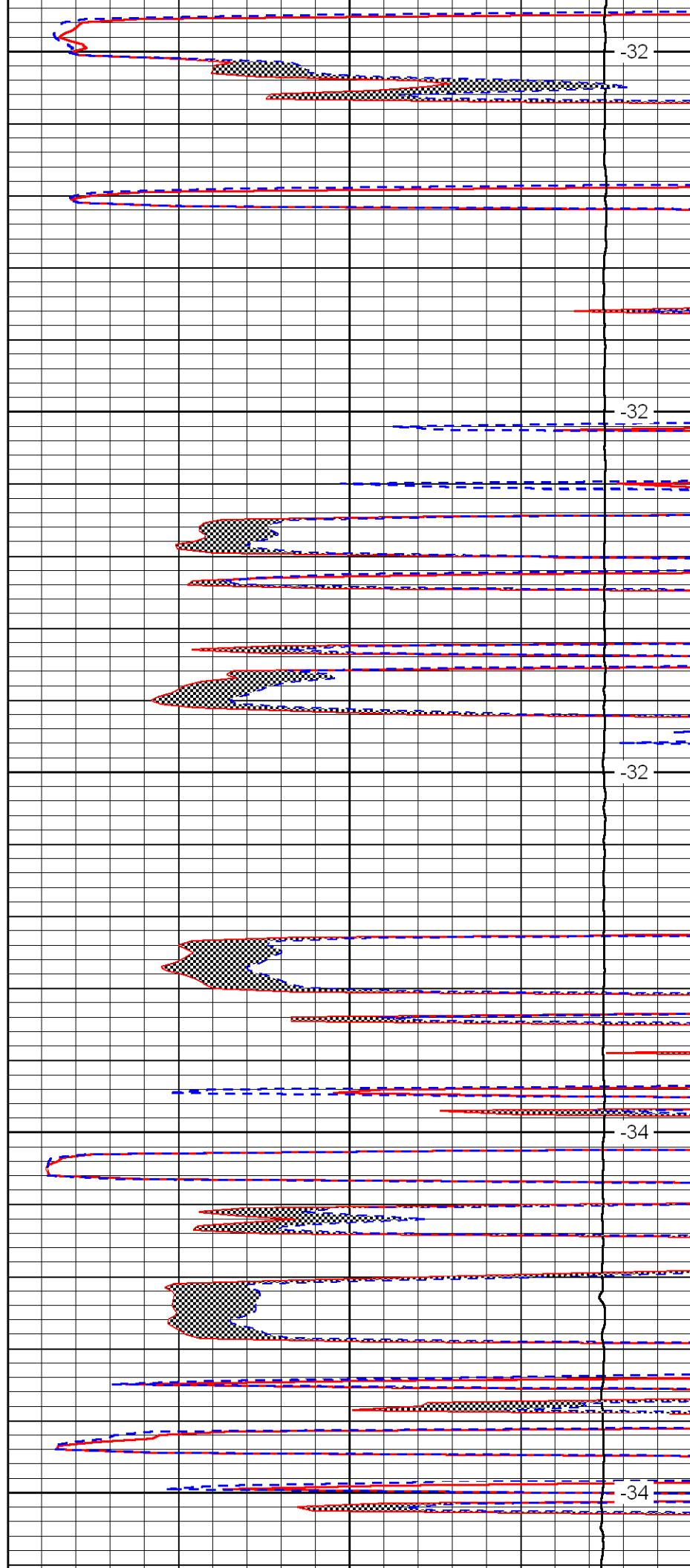
4000

4050

4100

4150

4200



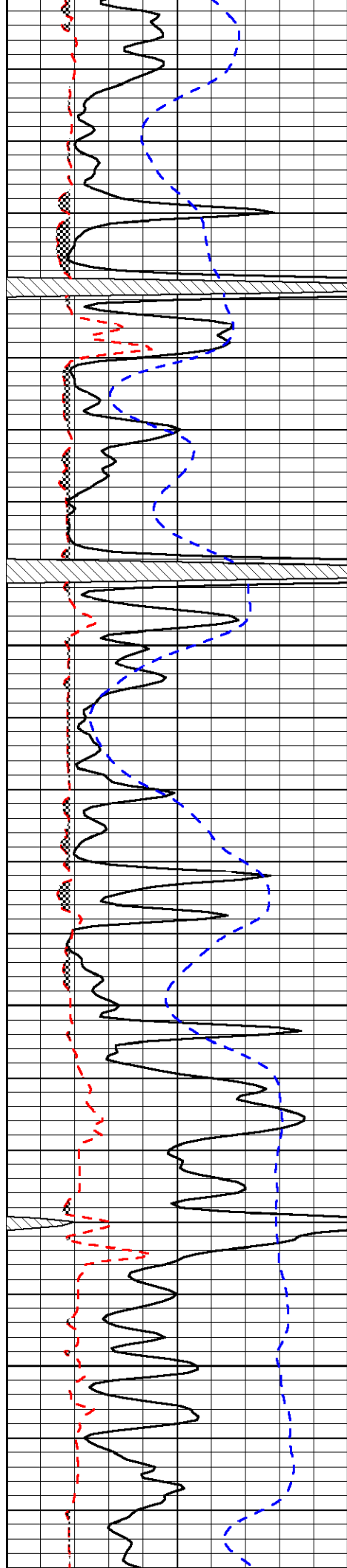
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-32

-32

-34

-34

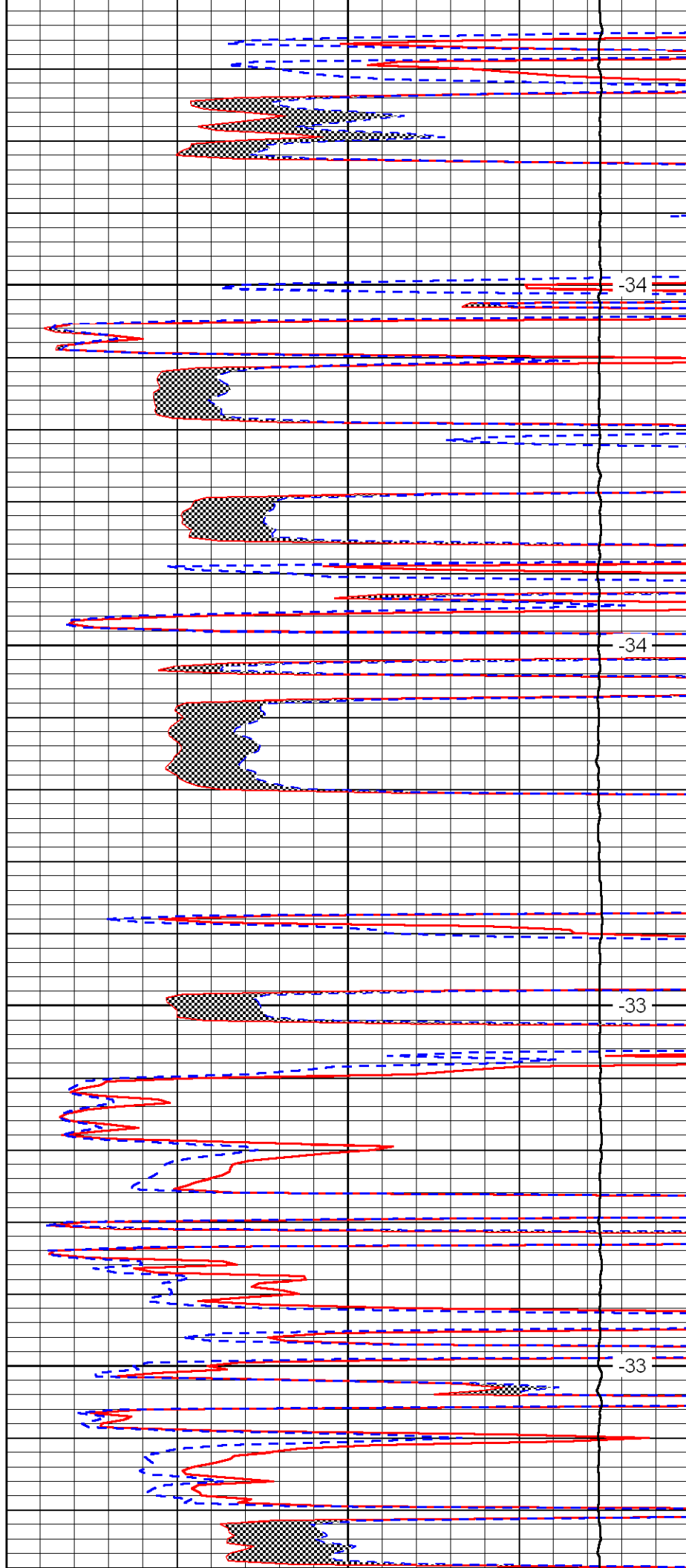


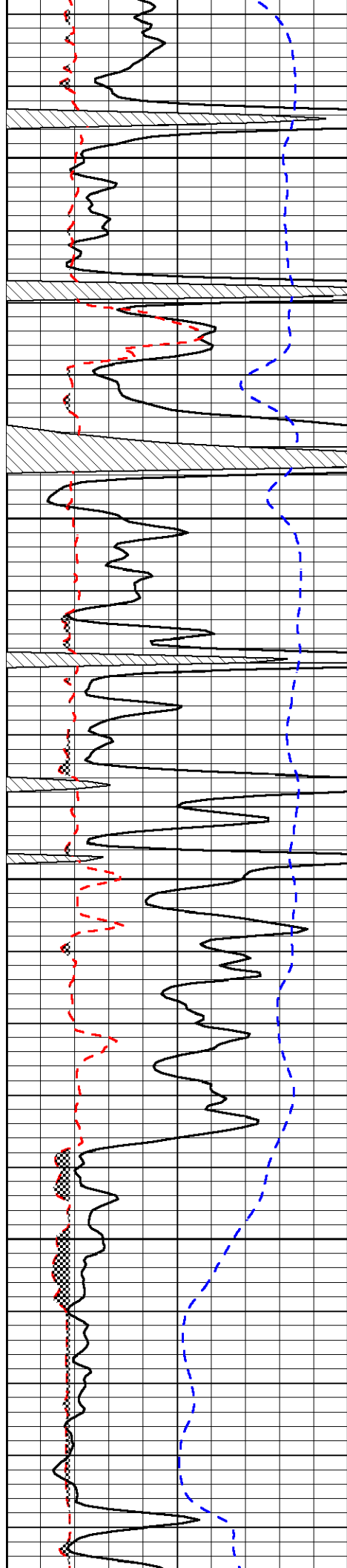
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4300

4350

4400



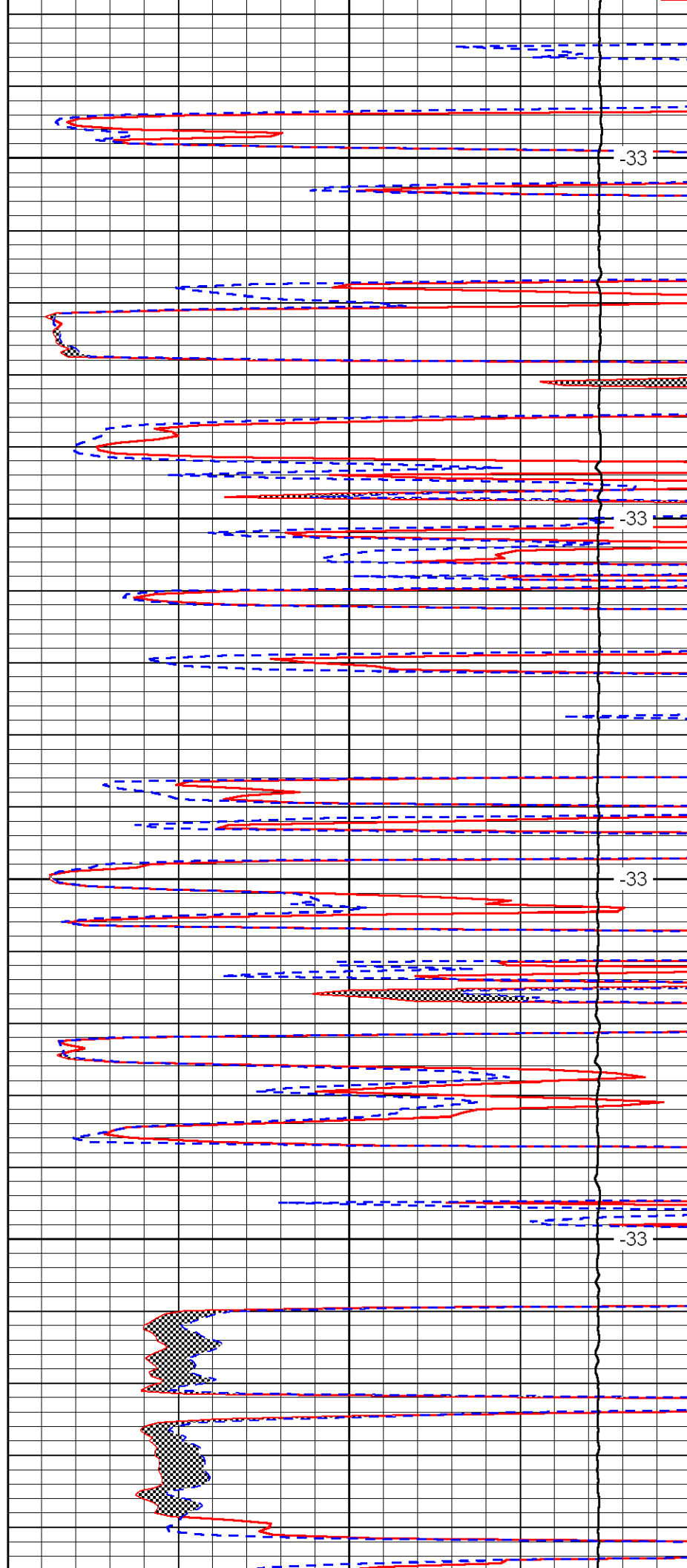


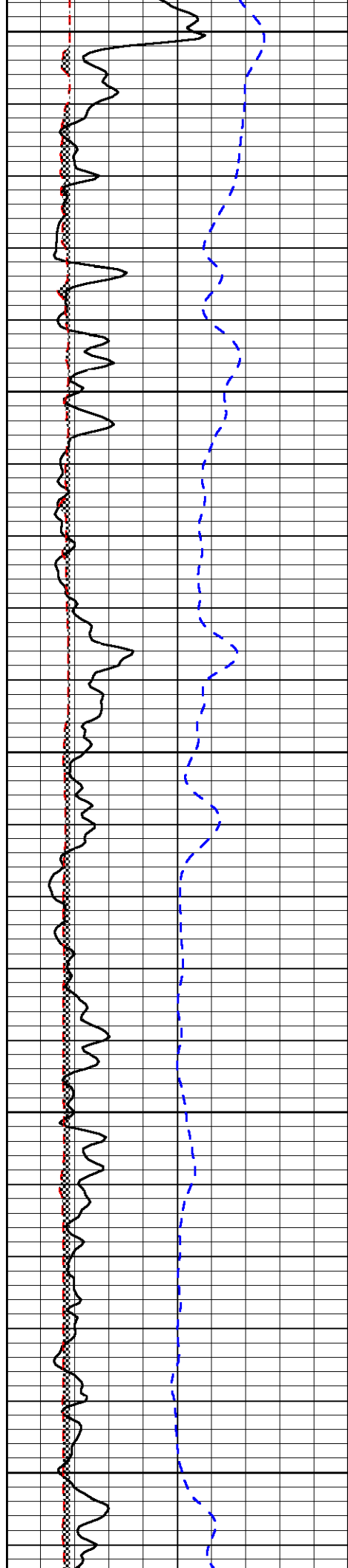
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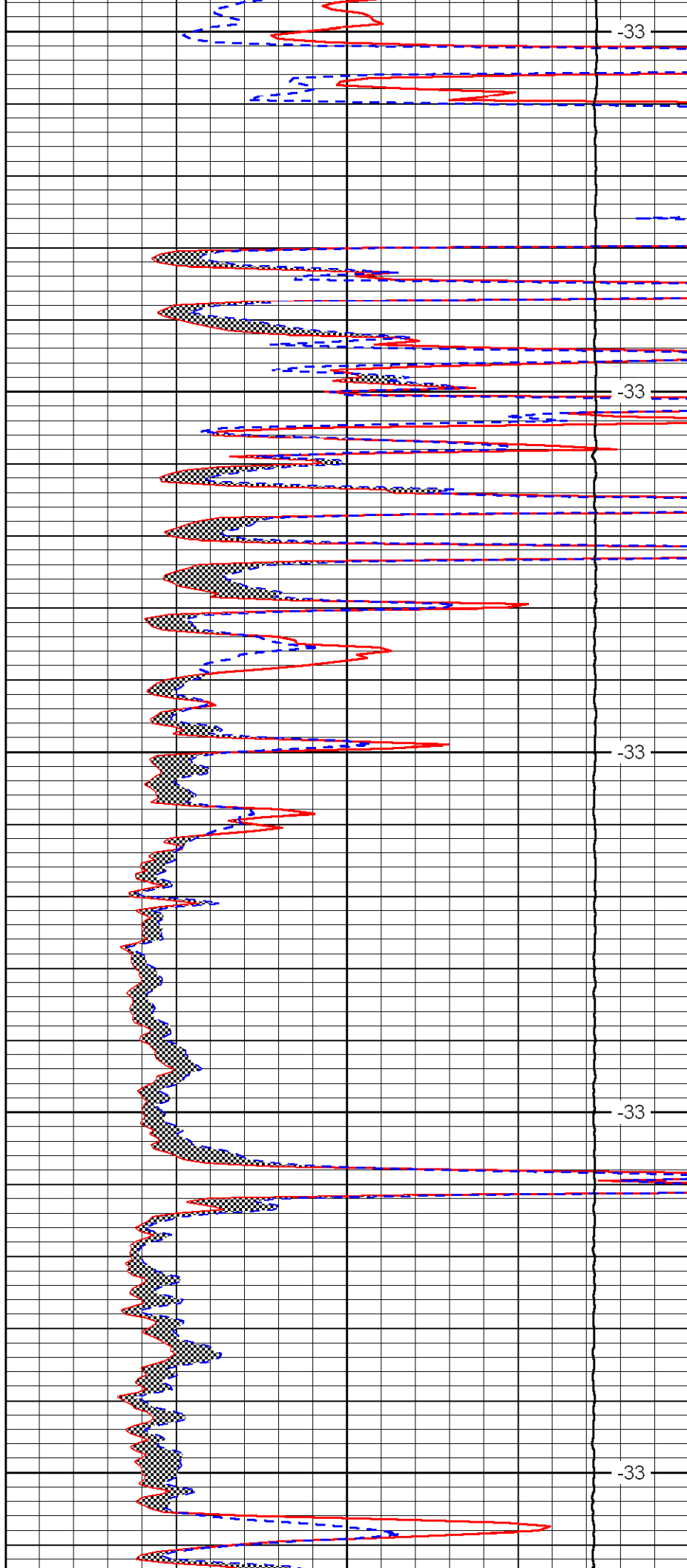
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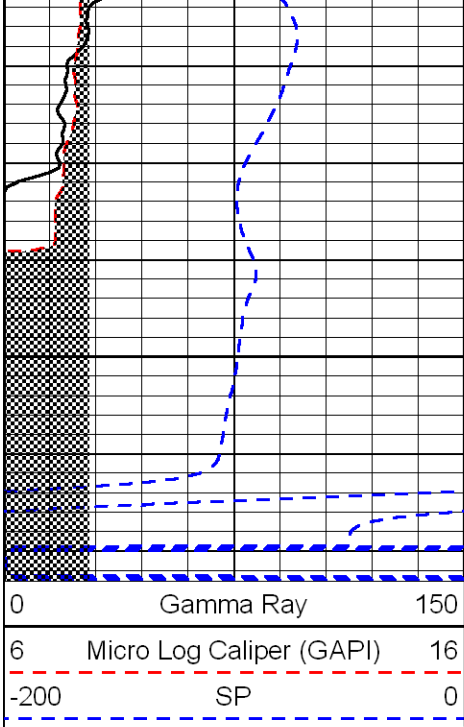
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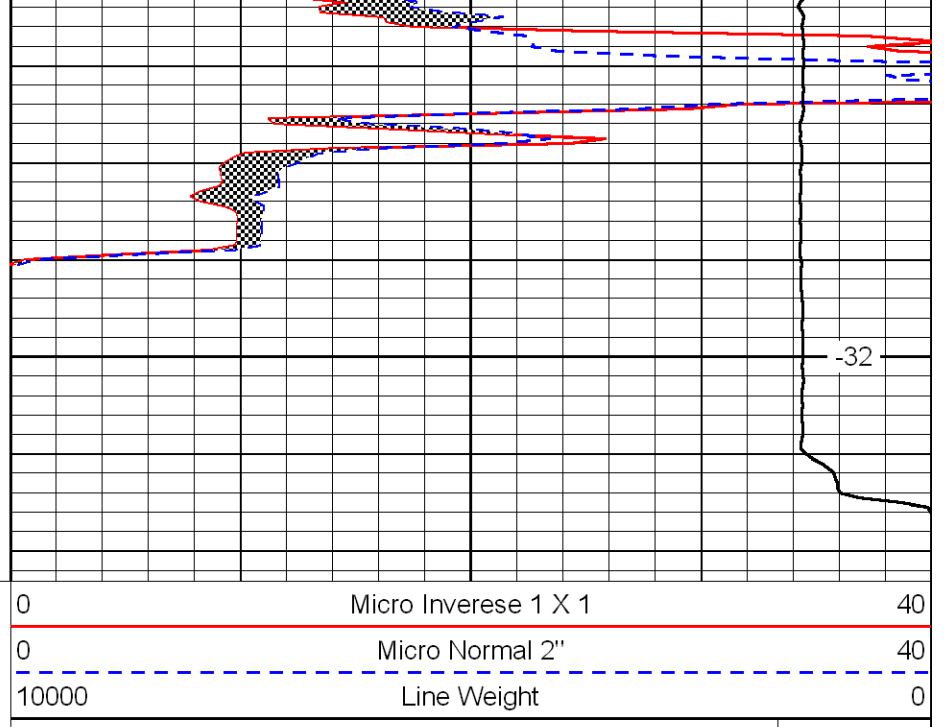
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4850





4900



LSPD