



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.

15-065-23,530-00-00

Company American Warrior, Inc.

Well Smith No. 1-33

Field Cooper

County Graham

State

Kansas

Location

1225' FNL & 1800' FWL

Other Services
CNL/CDL
DIL

Sec: 33 Twp: 9 S Rge: 21 W

Permanent Datum Ground Level Elevation 2320

Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing K.B. 2328
D.F. 2320
G.L. 2320

Date 2/24/2009

Run Number Two

Depth Driller 3975

Depth Logger 3974

Bottom Logged Interval 3973

Top Log Interval 3200

Casing Driller 8.625 @ 212

Casing Logger 210

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 2.000

Density / Viscosity 9.4 48

pH / Fluid Loss 10.5 8.8

Source of Sample Flowline

Rm @ Meas. Temp 1.1 @ 68

Rmf @ Meas. Temp .83 @ 68

Rmc @ Meas. Temp 1.49 @ 68

Source of Rmf / Rmc Charts

Rm @ BHT .64 @ 117

Operating Rig Time 4 1/2 Hours

Max Rec. Temp. F 117

Equipment Number 4

Location Hays

Recorded By K. Bange

Witnessed By Marc Downing

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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

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(785) 625-3858

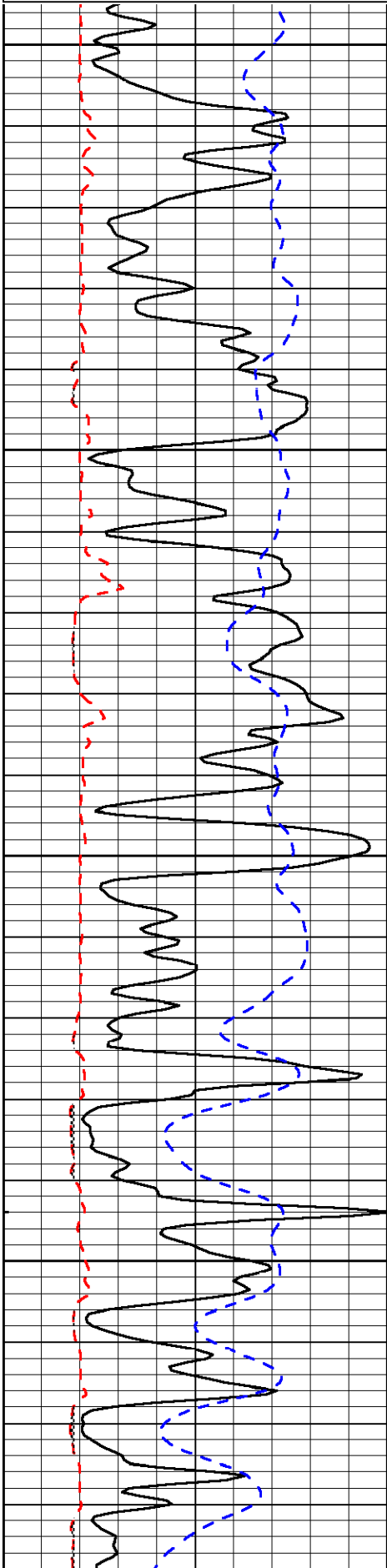
Red Line Church, 1 1/2 W, S into

Database File: c:\warrior\data\amwar_smith no. 1-33\amwarhd.db
Dataset Pathname: dil/amwar2in
Presentation Format: micro
Dataset Creation: Tue Feb 24 21:12:55 2009
Charted by: Depth in Feet scaled 1:240

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

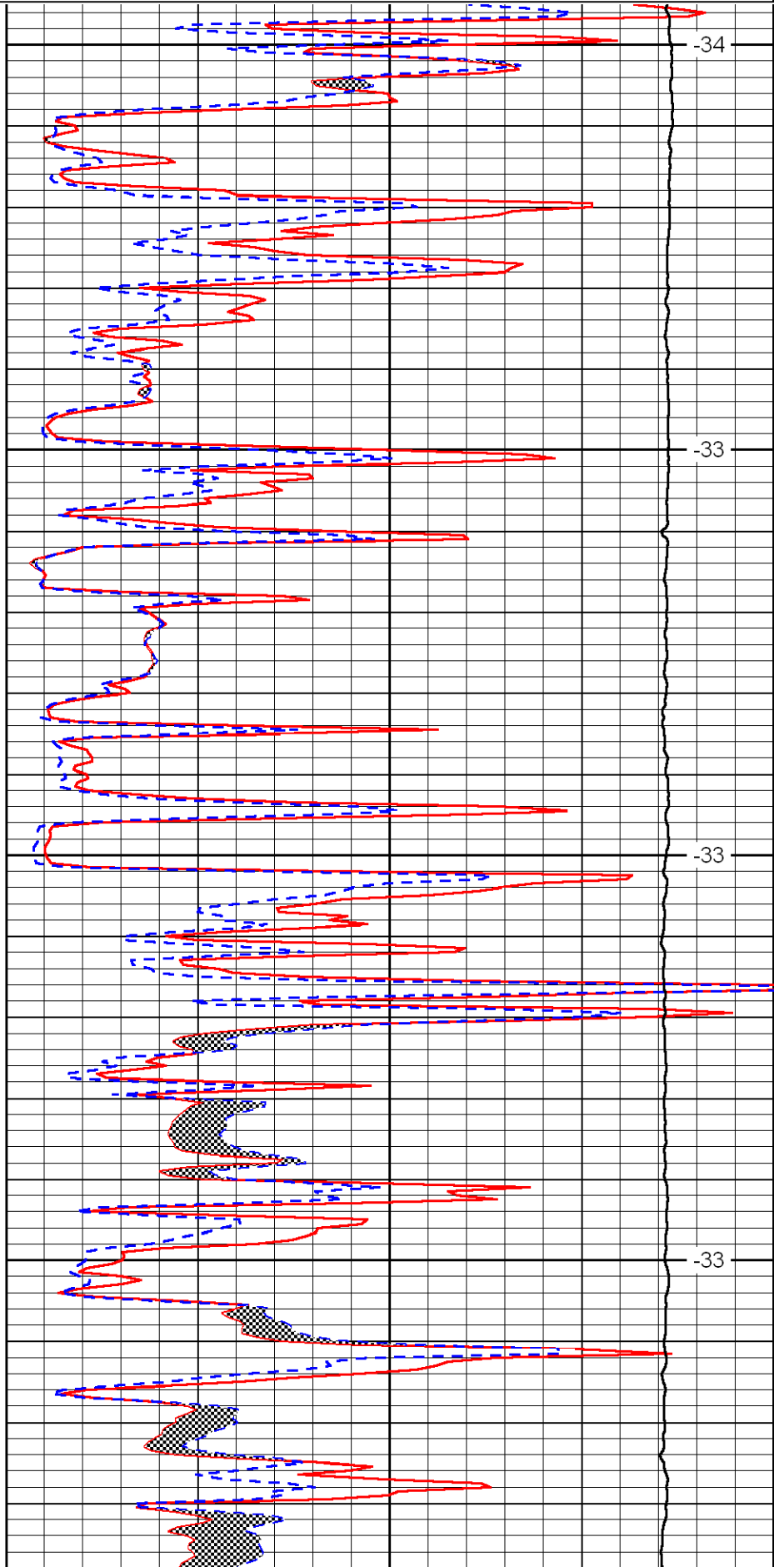


3200

3250

3300

3350

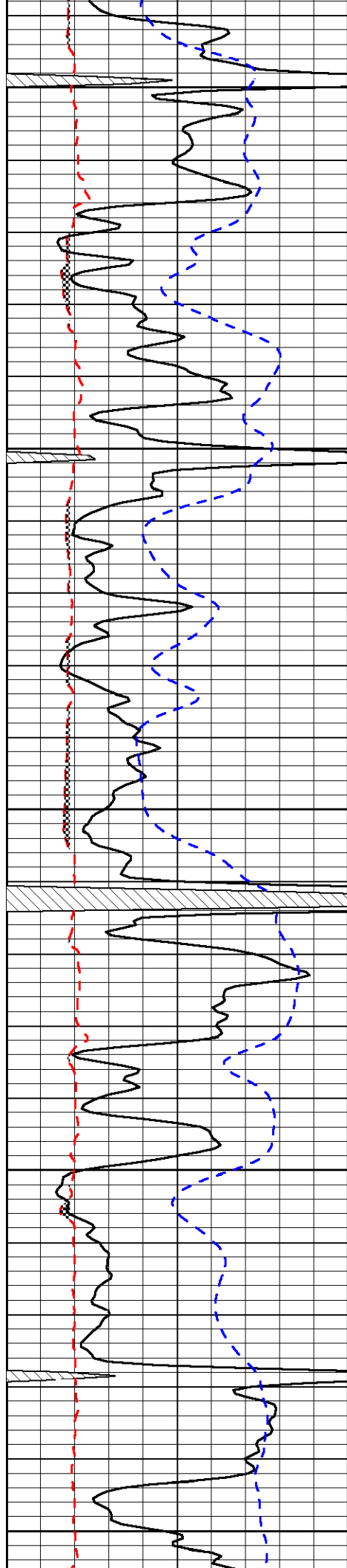


-34

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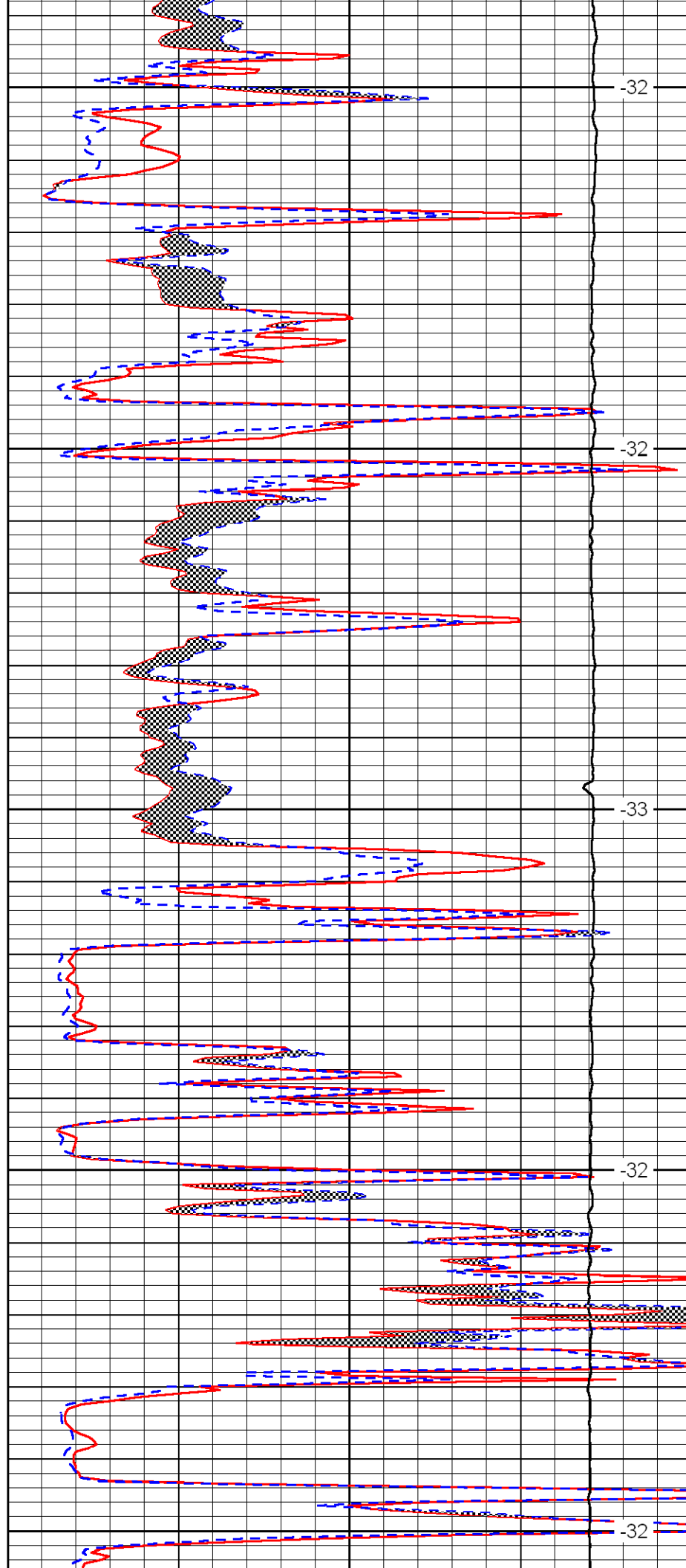
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3450

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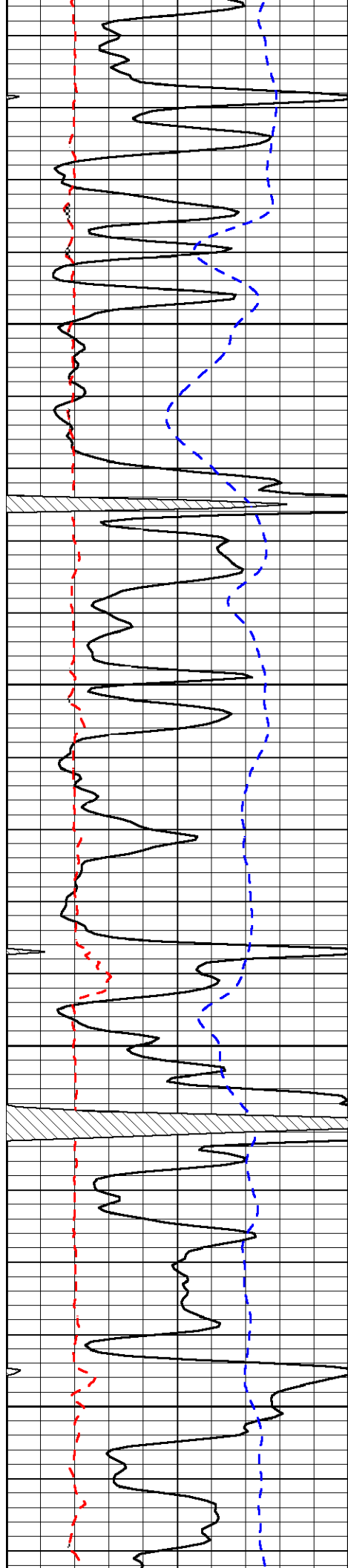
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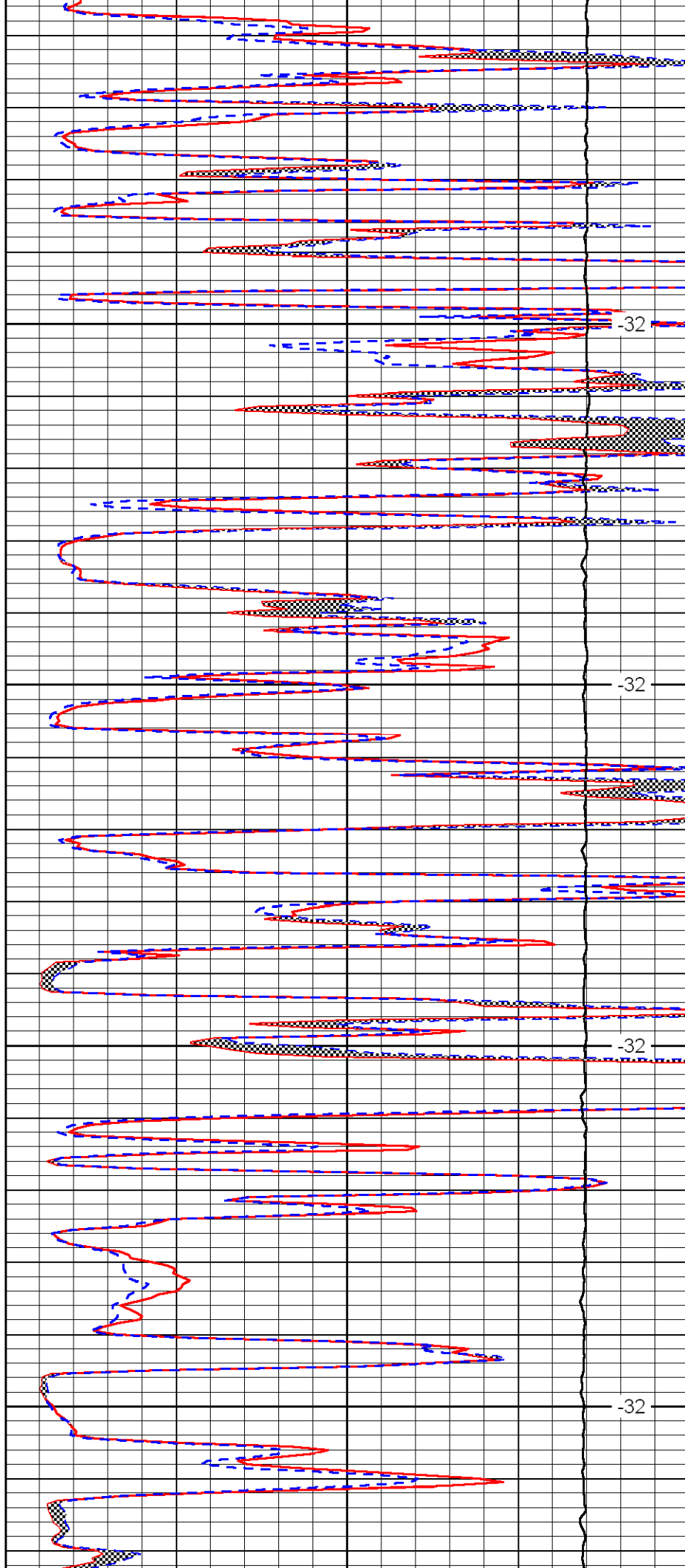


3650

3700

3750

3800



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