



Microresistivity Log

Pioneer Energy Services

API No.

15-055-22,265-00-00

Company American Warrior, Inc.

Well Neeley #8 Twin

Field Congdon

County Finney State

Kansas

Location 2310' FNL & 1839' FEL

Sec: 33 Twp: 23S Rge: 32W

Other Services
CNL/CDL
DIL/BHCS

Permanent Datum Ground Level Elevation 2834

Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Elevation

K.B. 2845

D.F. 2834

Date

1/6/2014

Run Number

Two

Depth Driller

4850

Depth Logger

4850

Bottom Logged Interval

4849

Top Log Interval

3800

Casing Driller

8.625 @ 1710

Casing Logger

1702

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

3,200

Density / Viscosity

9.4 50

pH / Fluid Loss

10.0 8.0

Source of Sample

Flowline

Rm @ Meas. Temp

.34 @ 51

Rmf @ Meas. Temp

.26 @ 51

Rmc @ Meas. Temp

.346 @ 51

Source of Rmf / Rmc

Charts

Rm @ BHT

.14 @ 125

Operating Rig Time

5 Hours

Max Rec. Temp. F

125

Equipment Number

108

Location

Hays

Recorded By

J. Henrickson

Witnessed By

Kevin Timson

<<< Fold Here >>>

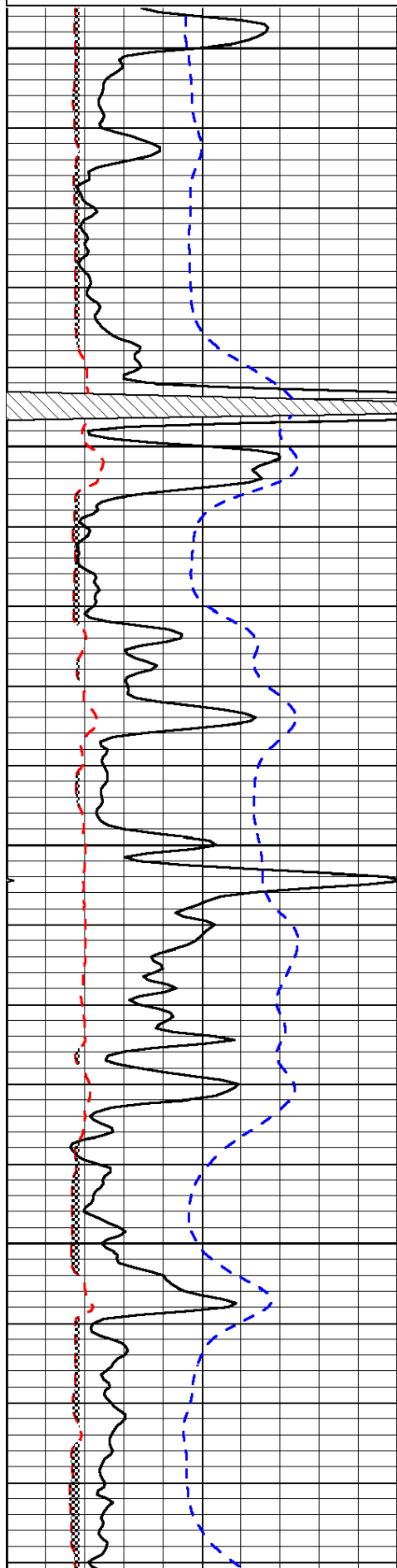
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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
www.pioneerres.com
785 625 3858
Garden City Kansas
East on Mary Street to Jennie Barker Rd, 1 1/2 Miles North,
West Into at Yellow Gate

Database File: c:\warrior\data\amwar_neeley #8 twin\american_warrior_neeley_8_twinhd.db
Dataset Pathname: DIL\awstk
Presentation Format: micro
Dataset Creation: Mon Jan 06 19:47:29 2014
Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:2.15		
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

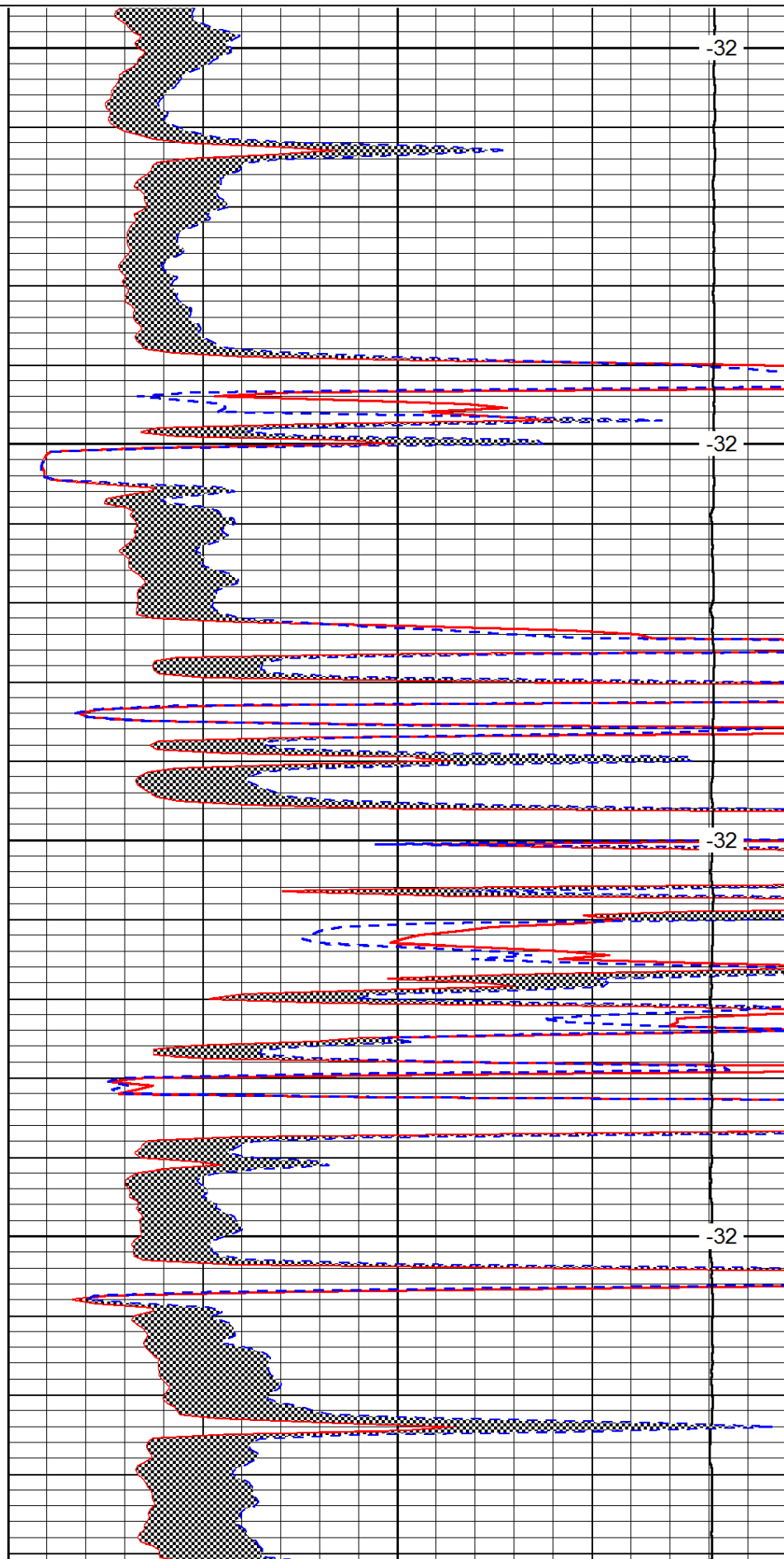


3800

3850

3900

3950



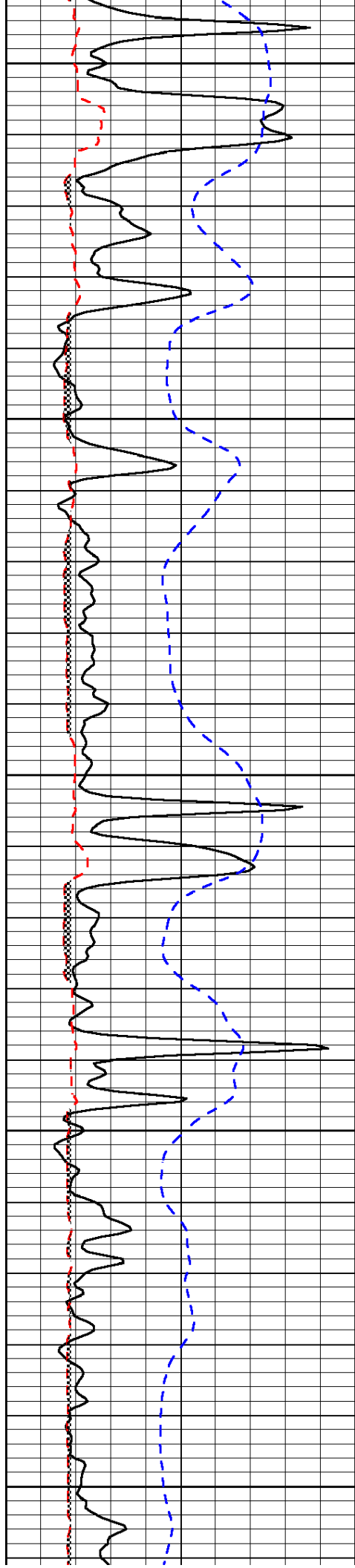
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-32

-32

-32

LSPD



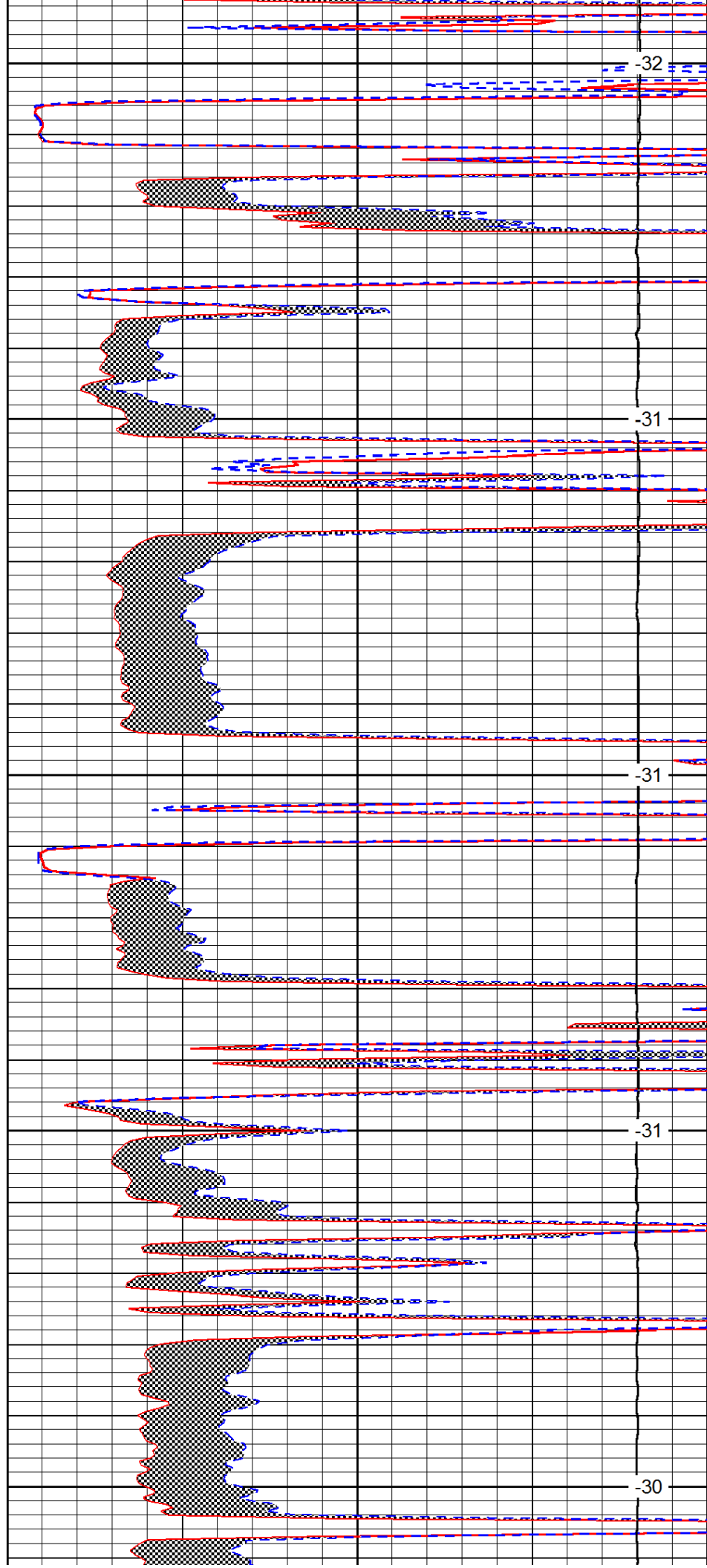
4000

4050

4100

4150

4200



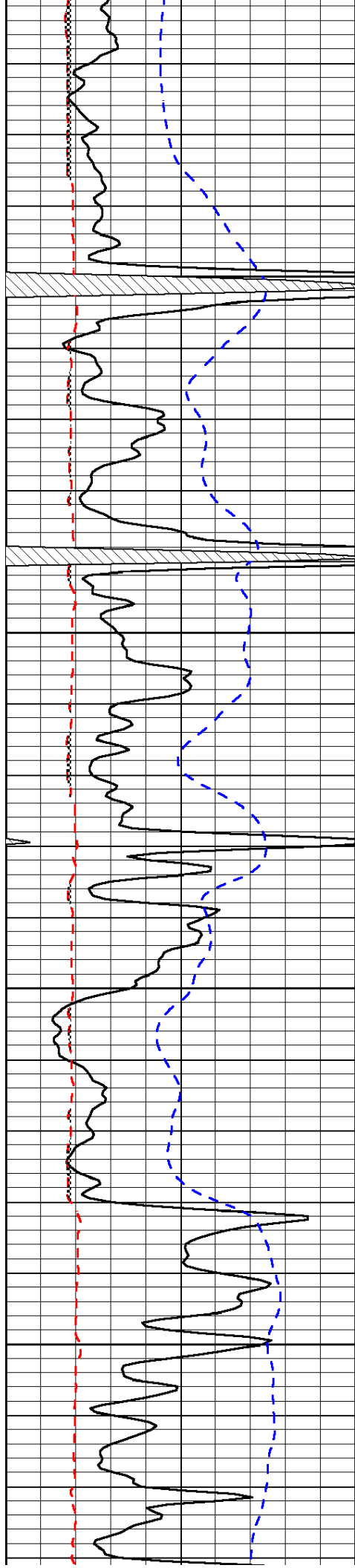
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-31

-31

-31

-30

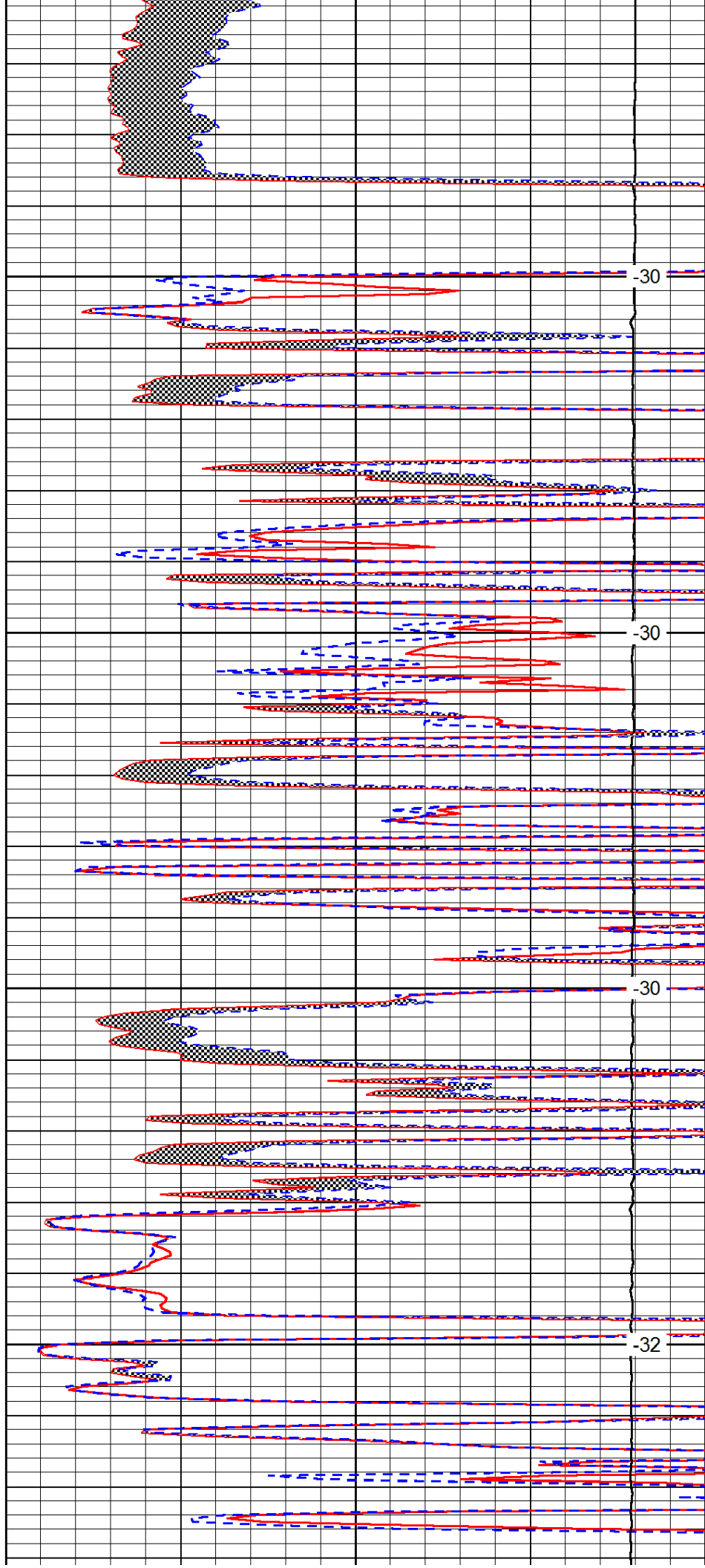


4250

4300

4350

4400

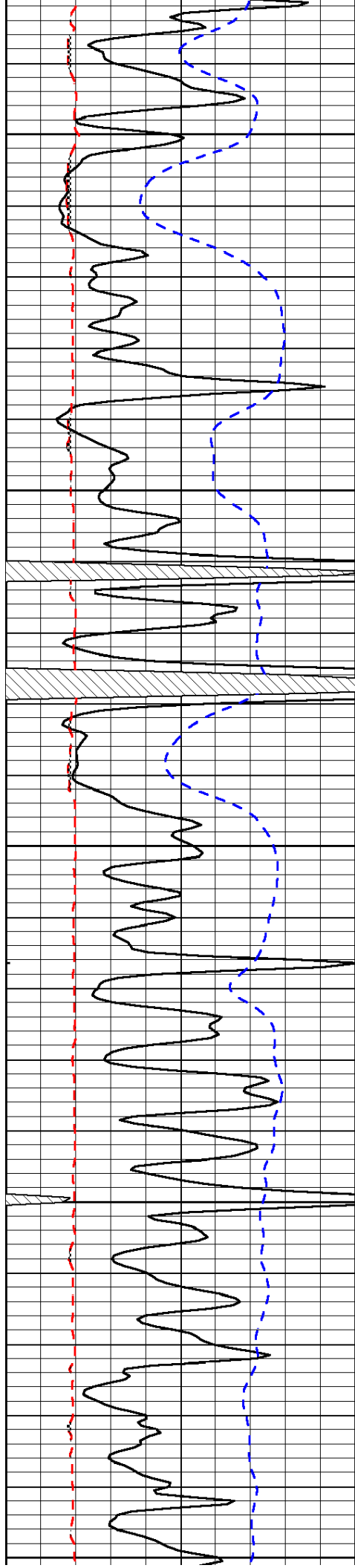


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-30

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-32



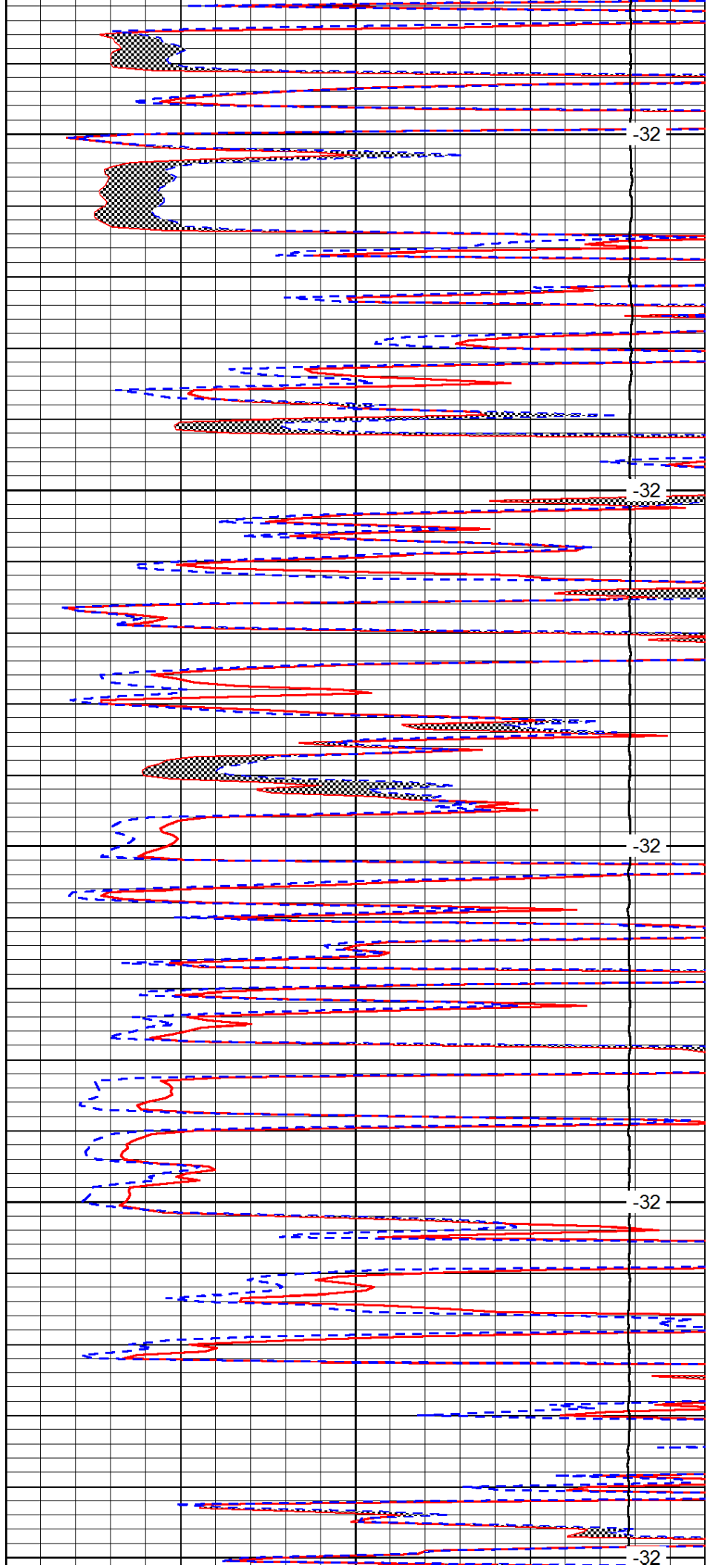
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4500

4550

4600

4650



-32

-32

-32

-32

-32

