



Microresistivity Log

Pioneer Energy Services

API No.

15-053-21,294-00-00

Company American Warrior, Inc.

Well White # 6-8

Field

County Ellsworth State

Kansas

Location

SW-NW-SE-NW
1062' FNL & 1388' FWL

Other Services
CNL/CDL
DIL

Sec: 8 Twp: 16S Rge: 10W

Permanent Datum Ground Level Elevation 1868

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

Drilling Measured From Kelly Bushing

Elevation

K.B. 1876
D.F. 1868
G.L. 1868

Date

12/1/2013

Run Number

Two

Depth Driller

3460

Depth Logger

3459

Bottom Logged Interval

3458

Top Log Interval

2750

Casing Driller

8.625 @ 376

Casing Logger

365

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

6.600

Density / Viscosity

9.5 51

pH / Fluid Loss

9.5 8.0

Source of Sample

Flowline

Rm @ Meas. Temp

.36 @ 45

Rmf @ Meas. Temp

.27 @ 45

Rmc @ Meas. Temp

.49 @ 45

Source of Rmf / Rmc

Charts

Rm @ BHT

.15 @ 111

Operating Rig Time

3 1/2 Hours

Max Rec. Temp. F

111

Equipment Number

91

Location

Hays

Recorded By

J. Henrickson

Witnessed By

Jim Musgrove

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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 Pioneer Energy Services
www.pioneerres.com
785 625 3858
Wilson KS
10 South, 1 1/4 East, South Into(Follow Lease Road Back to West)

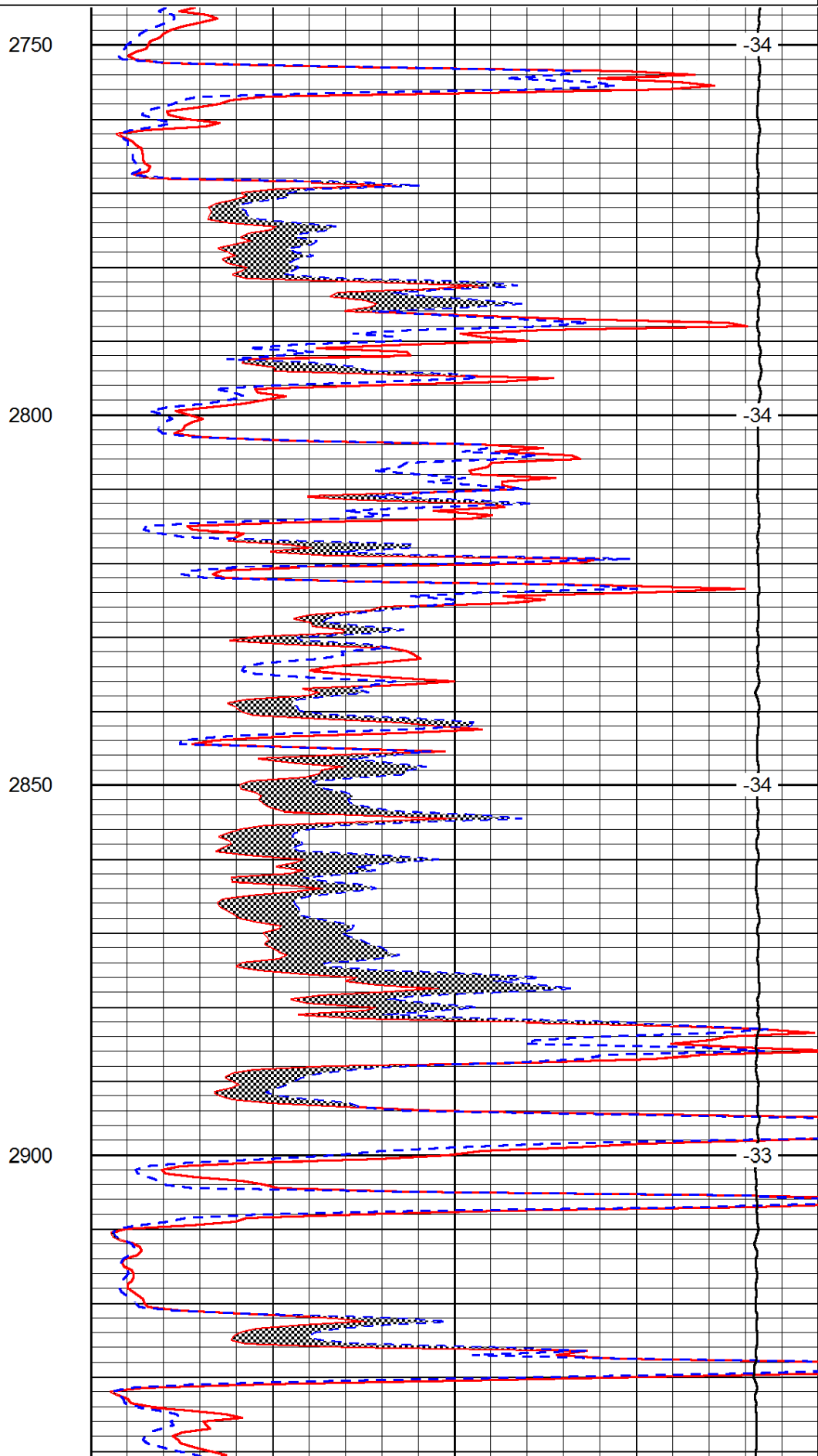
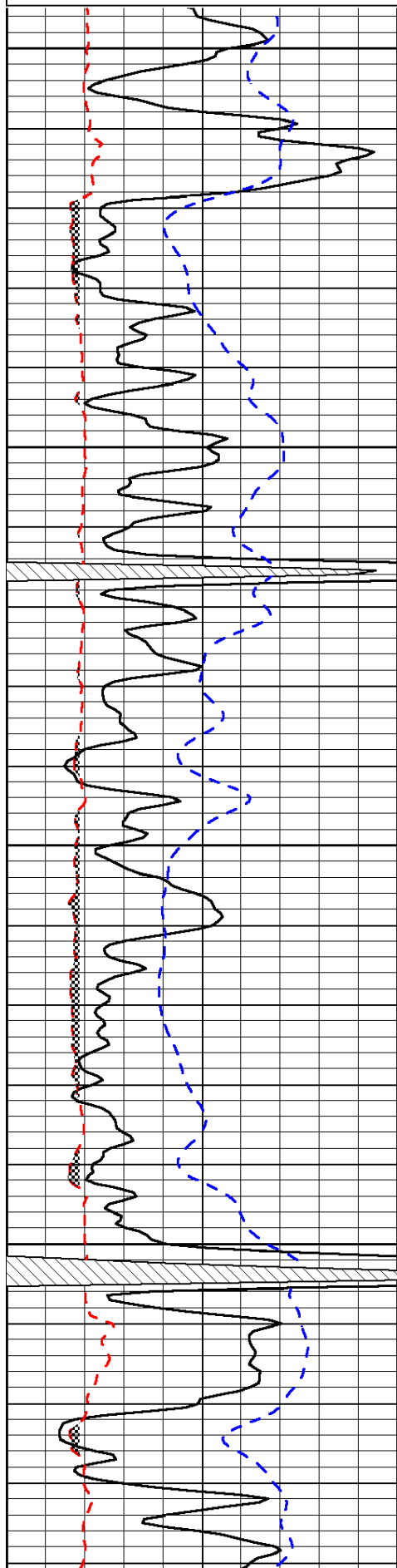
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Presentation Format: micro
Dataset Creation: Sun Dec 01 06:34:07 2013
Charted by: Depth in Feet scaled 1:240

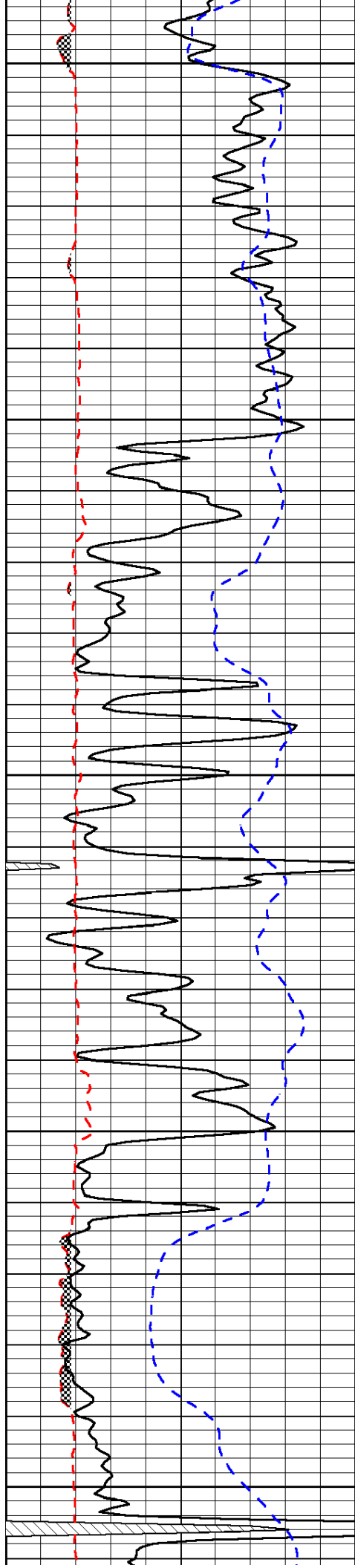
Charted by: Depth in Feet scaled 1:2.15

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

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0

LSPD





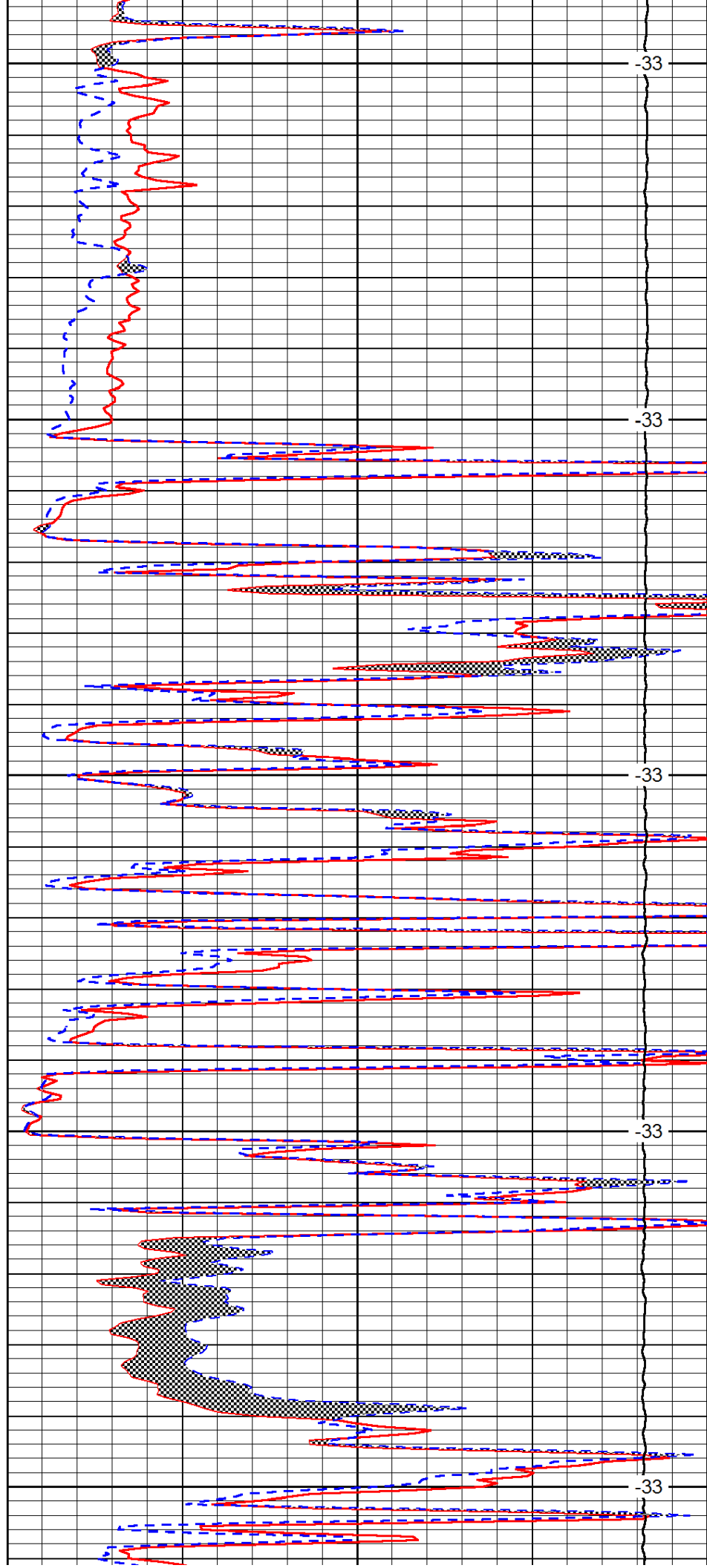
2950

3000

3050

3100

3150



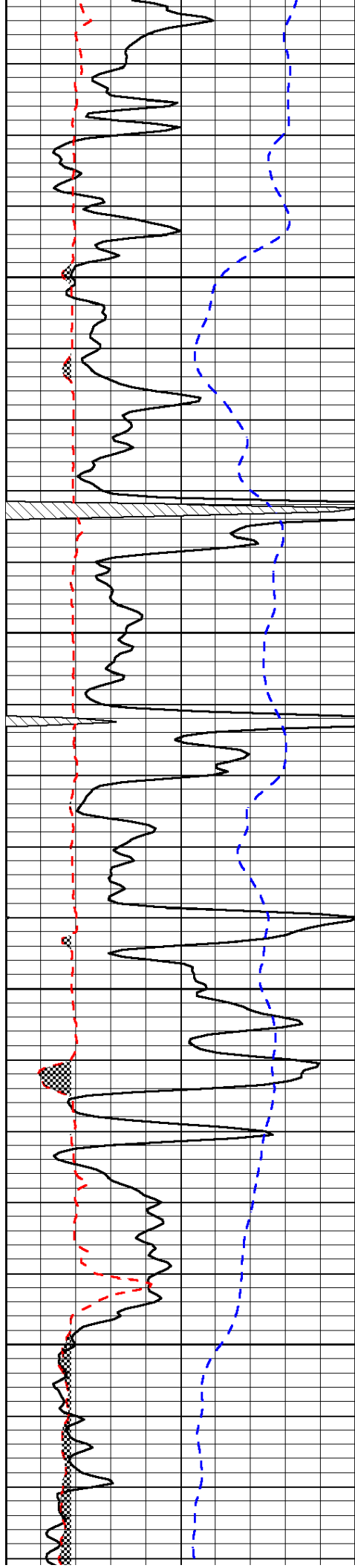
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-33

-33

-33

-33

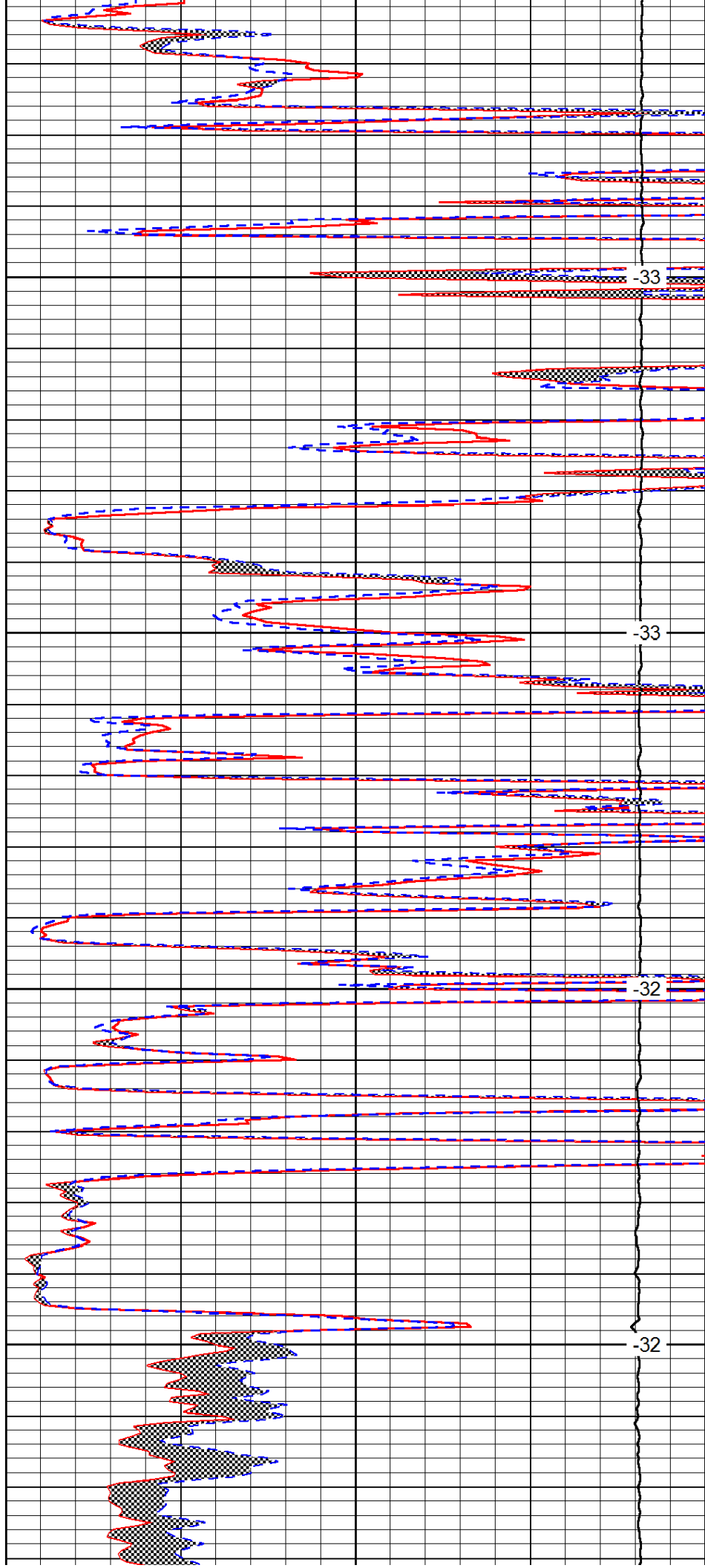


3200

3250

3300

3350

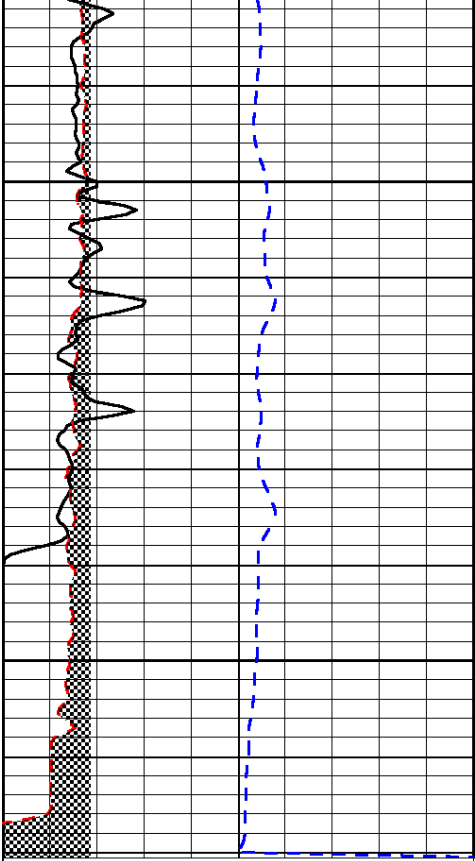


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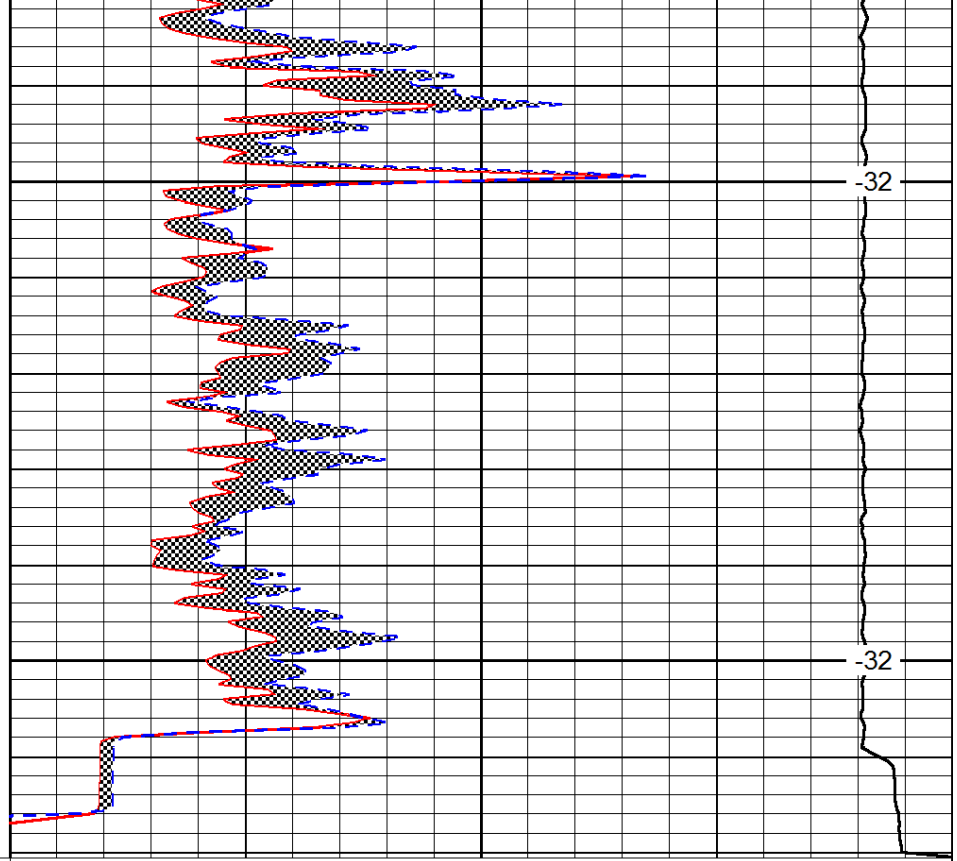
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