

LOG-TECH



Dual Induction 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

Sec: 33

Twp: 9 S

Rge: 21 W

Permanent Datum Ground Level
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

Elevation 2320
8 Ft. Above Perm. Datum

Other Services
CNL/CDL
MEL
Elevation
K.B. 2328
D.F.
G.L. 2320

Date

2/24/2009

Run Number

One

Depth Driller

3975

Depth Logger

3974

Bottom Logged Interval

3973

Top Log Interval

200

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

<<< 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 Log-Tech, Inc.
(785) 625-3858

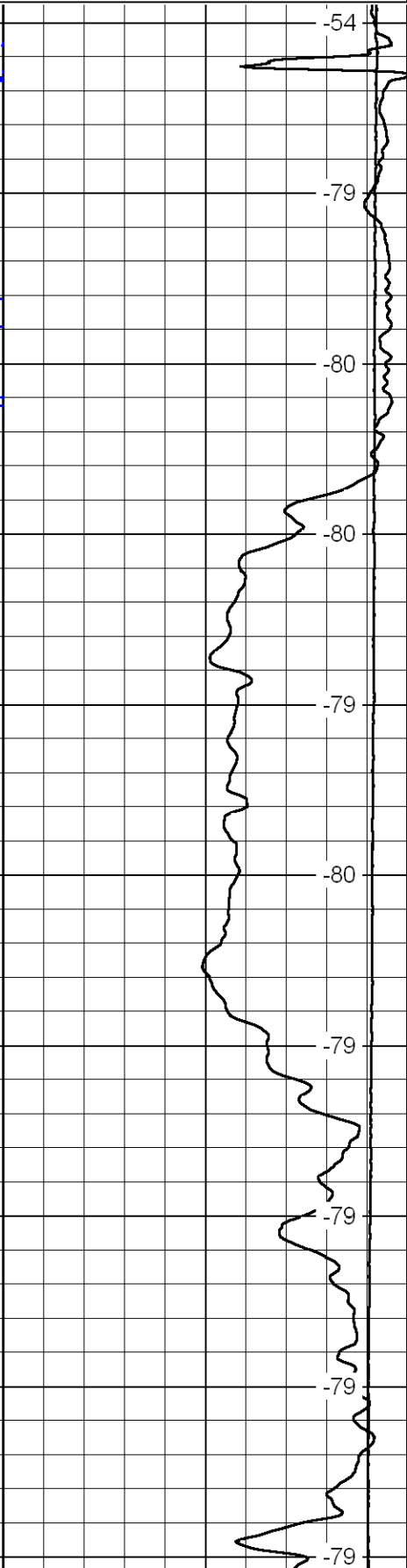
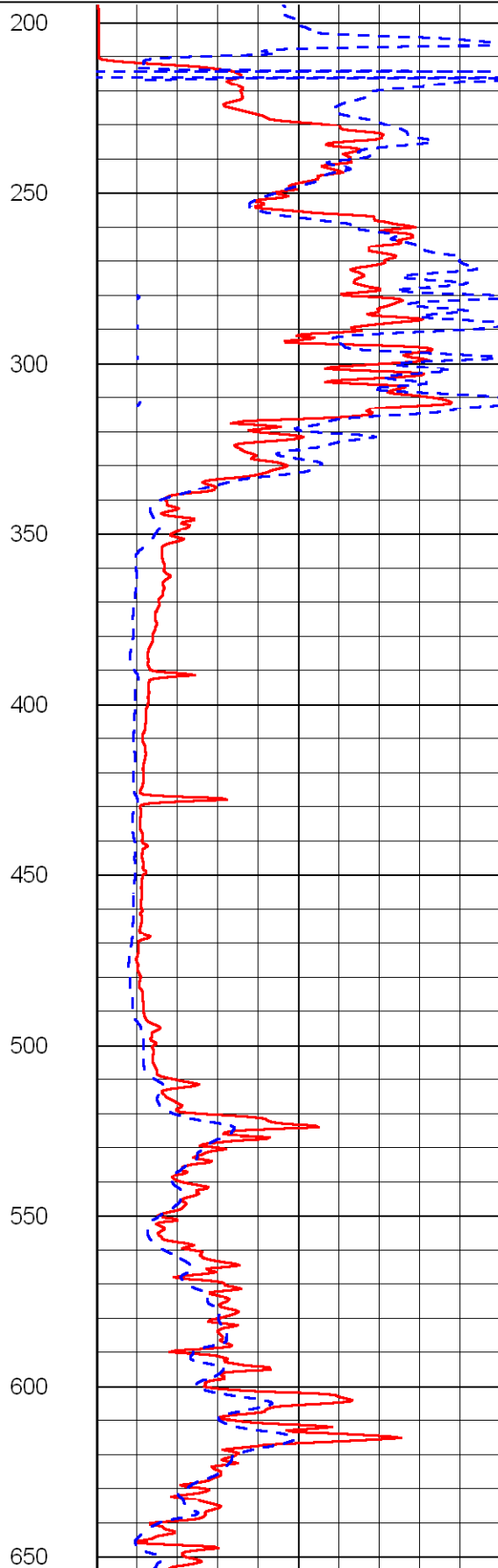
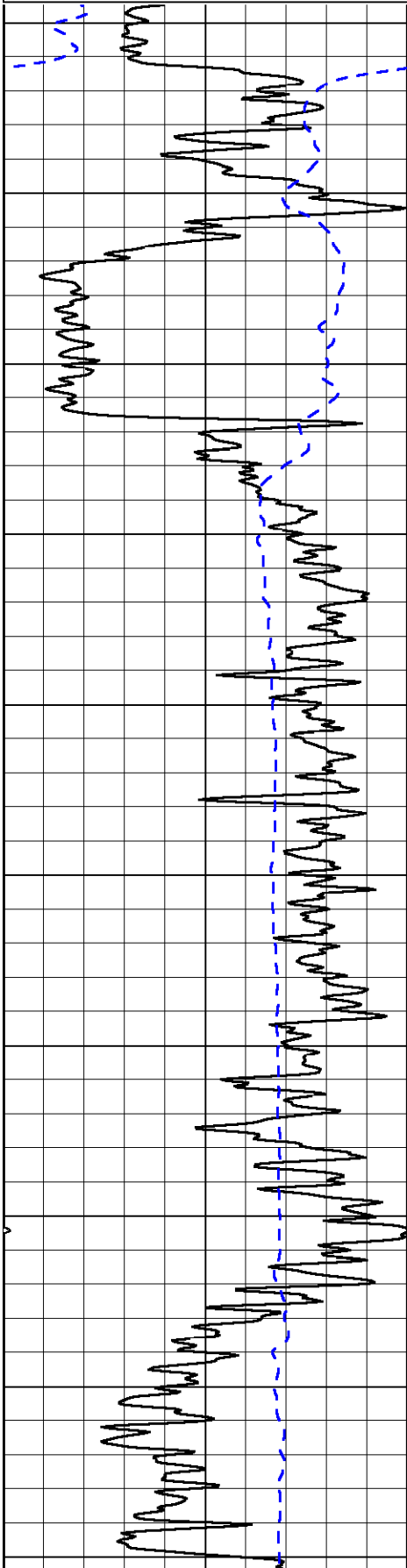
Red Line Church, 1 1/2 W, S into

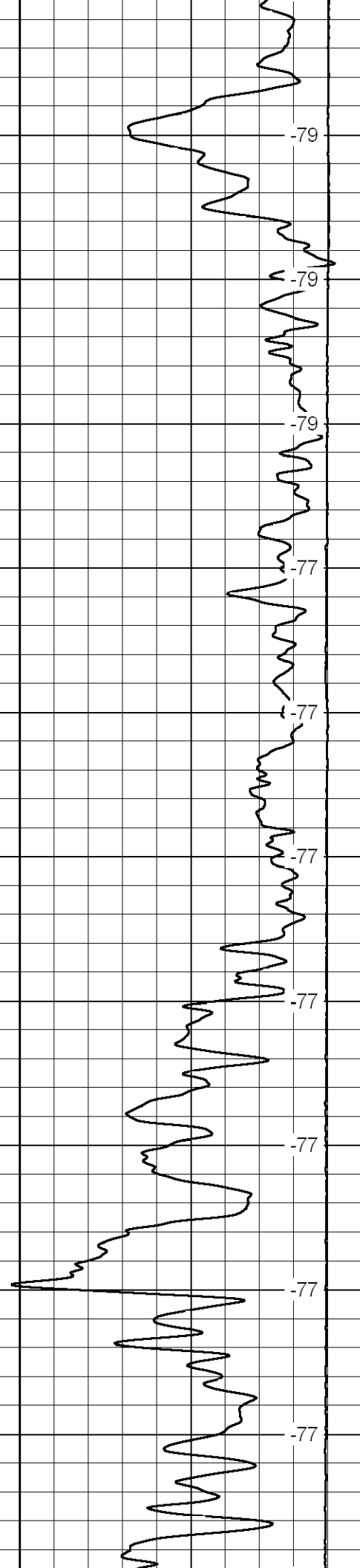
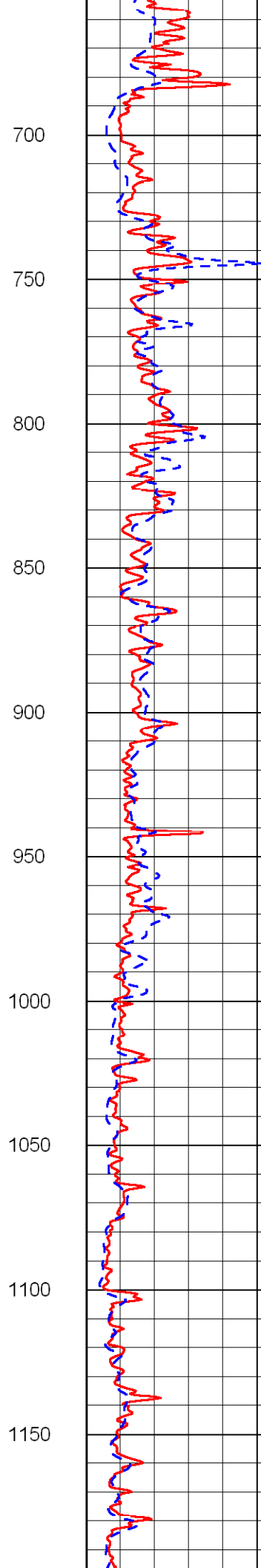
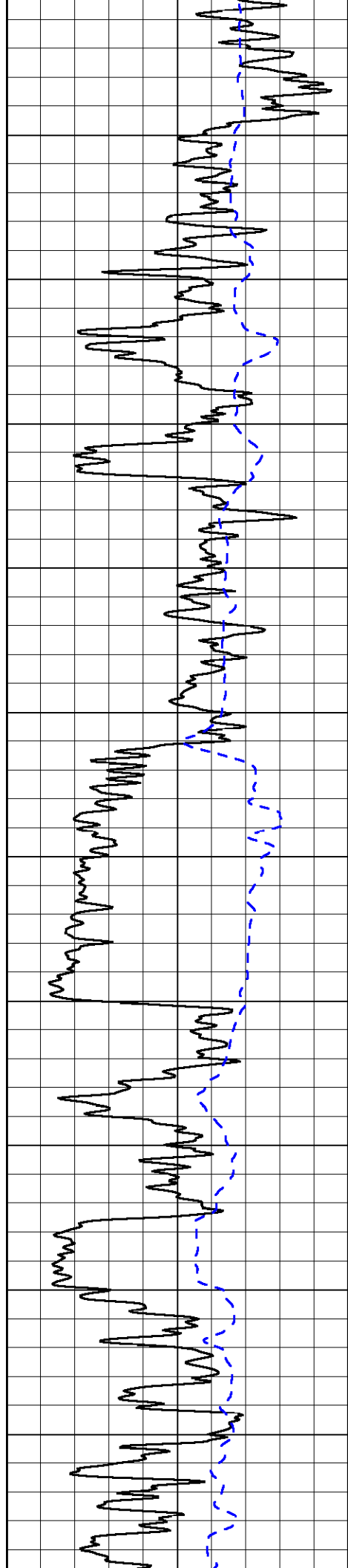
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Presentation Format: dil2in
Dataset Creation: Tue Feb 24 21:12:55 2009
Charted by: Depth in Feet scaled 1:600

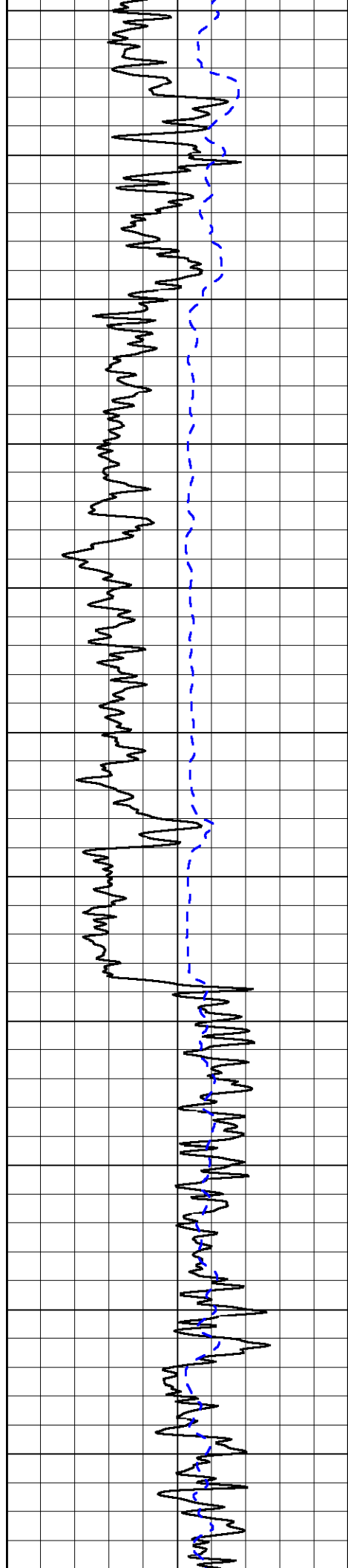
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-200	SP (MV)	0

0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0
Shallow Resistivity		
50	(Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500

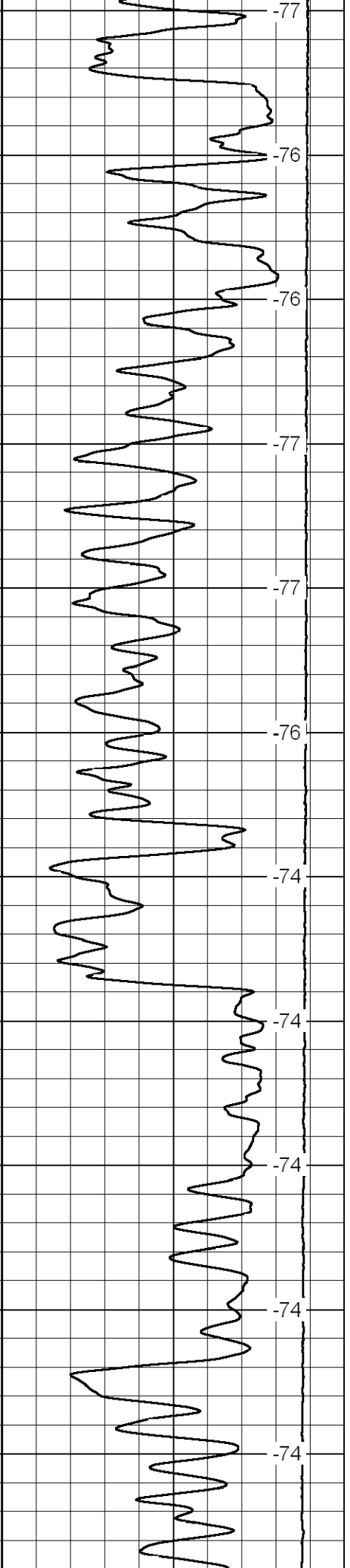
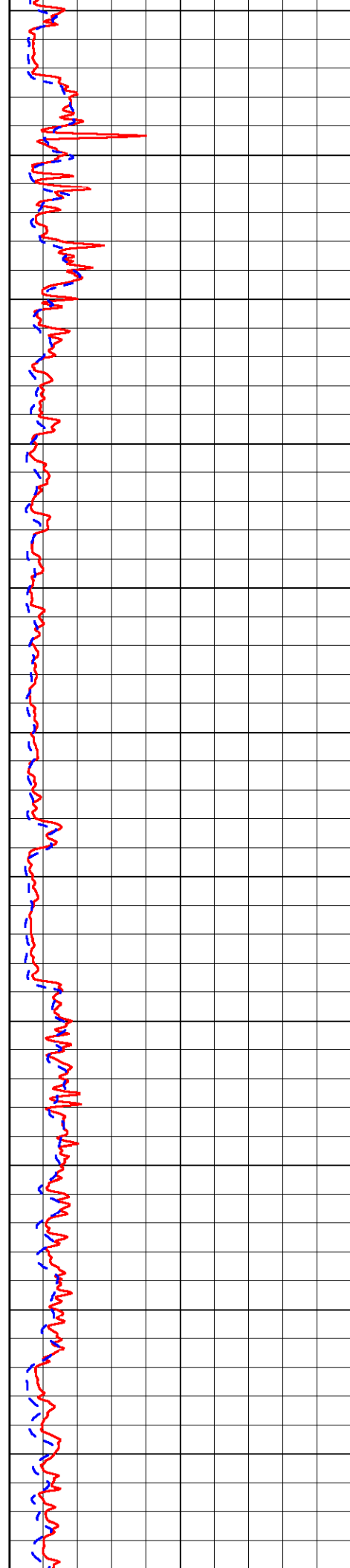
LSPD
(ft/min)



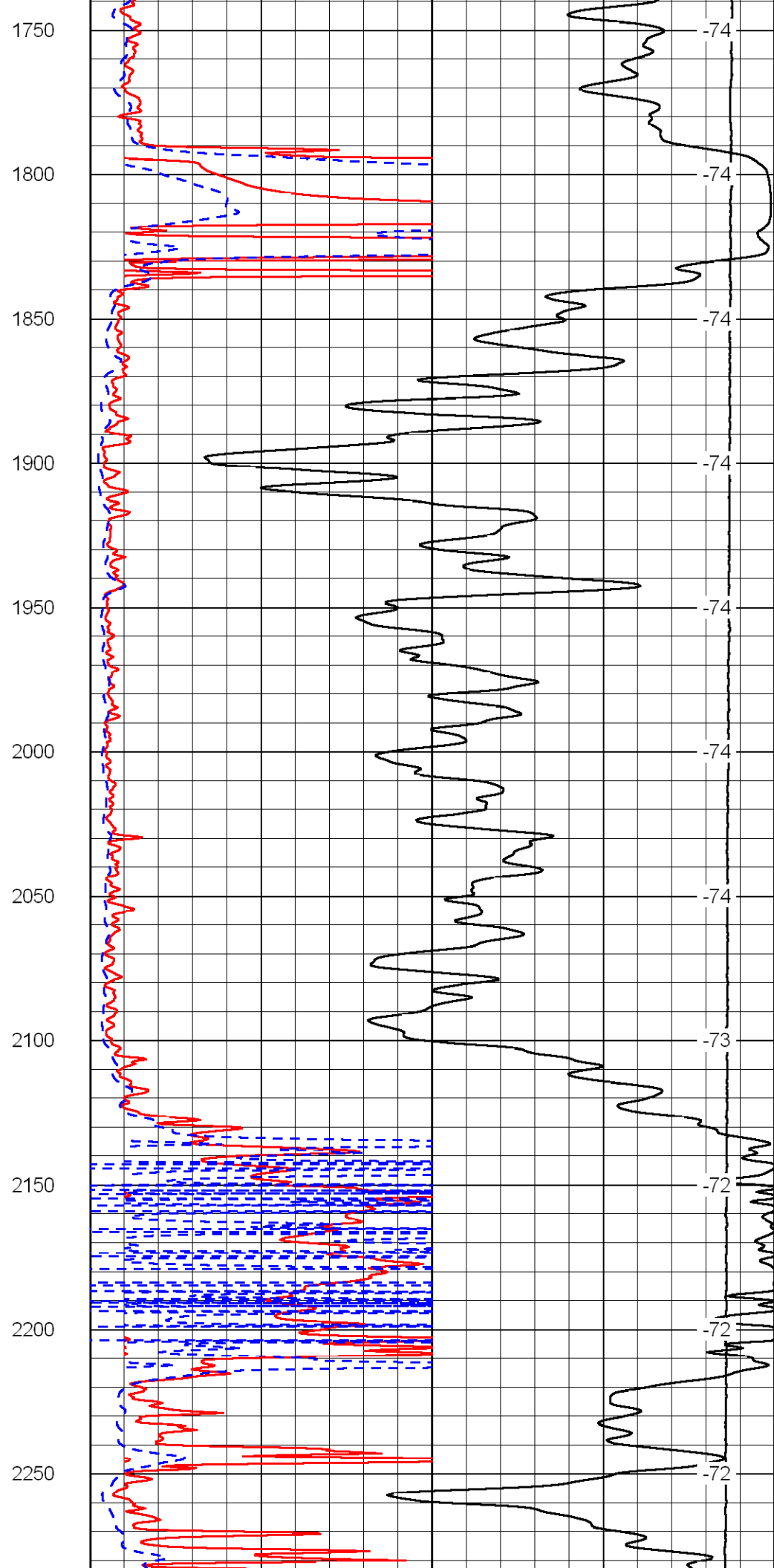
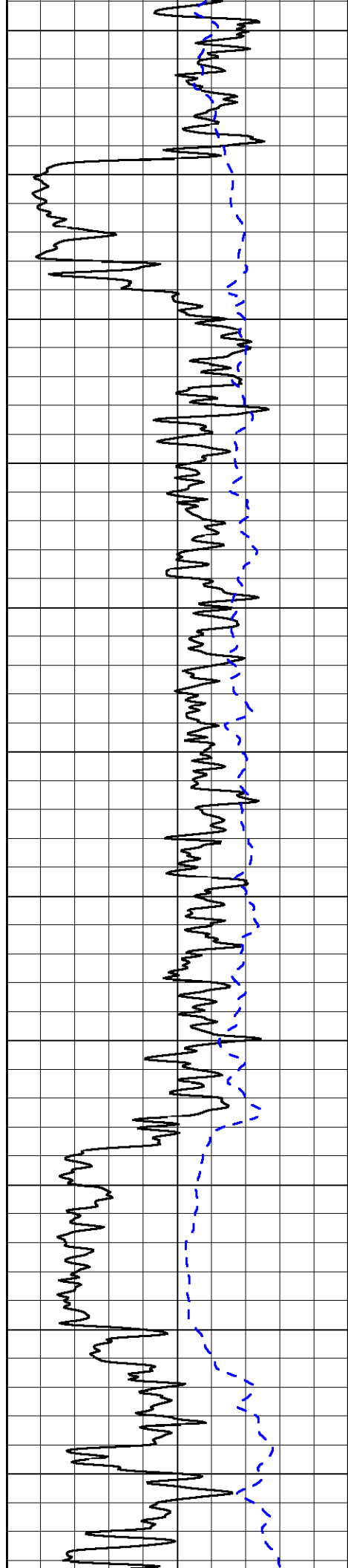


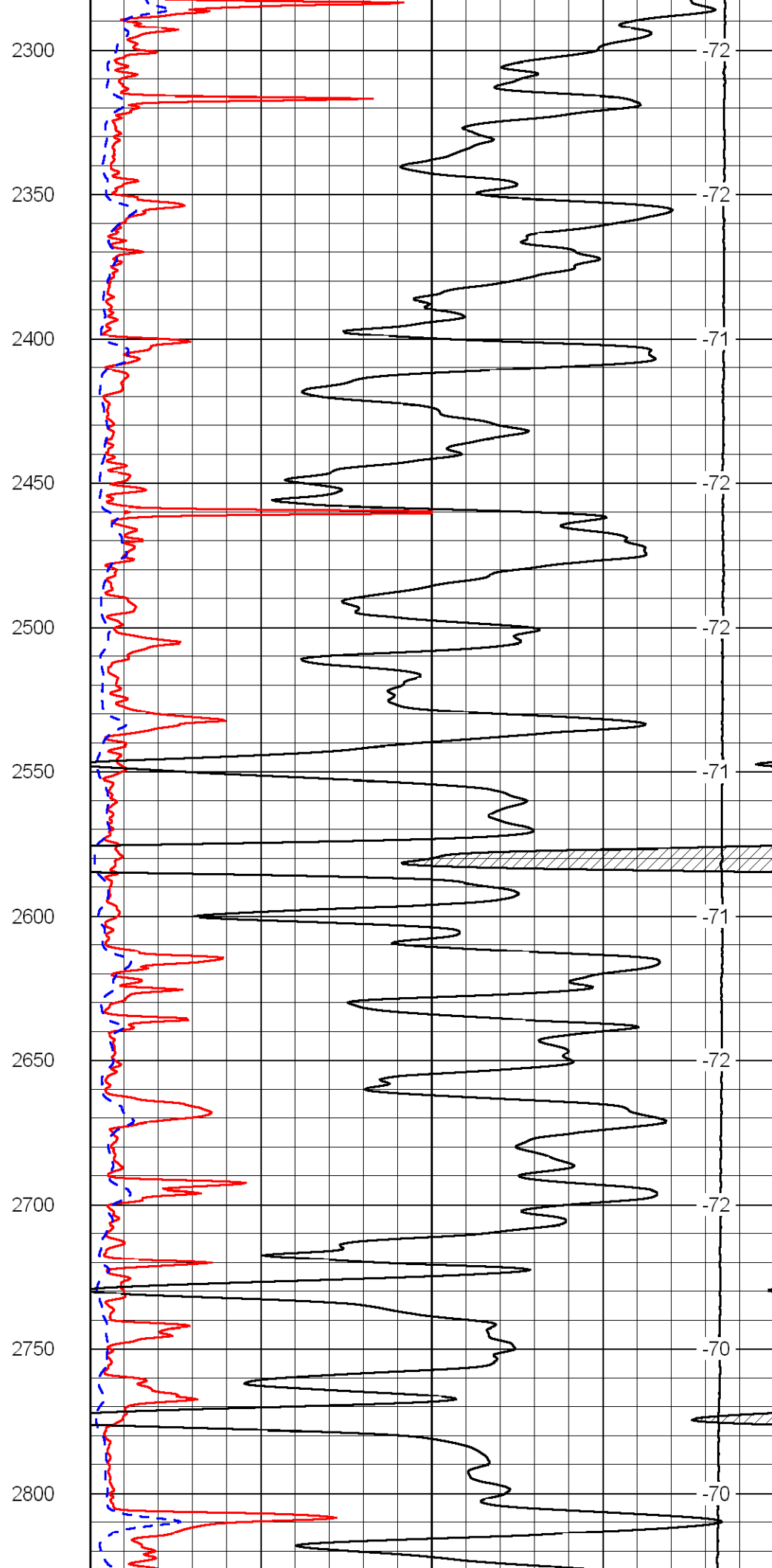
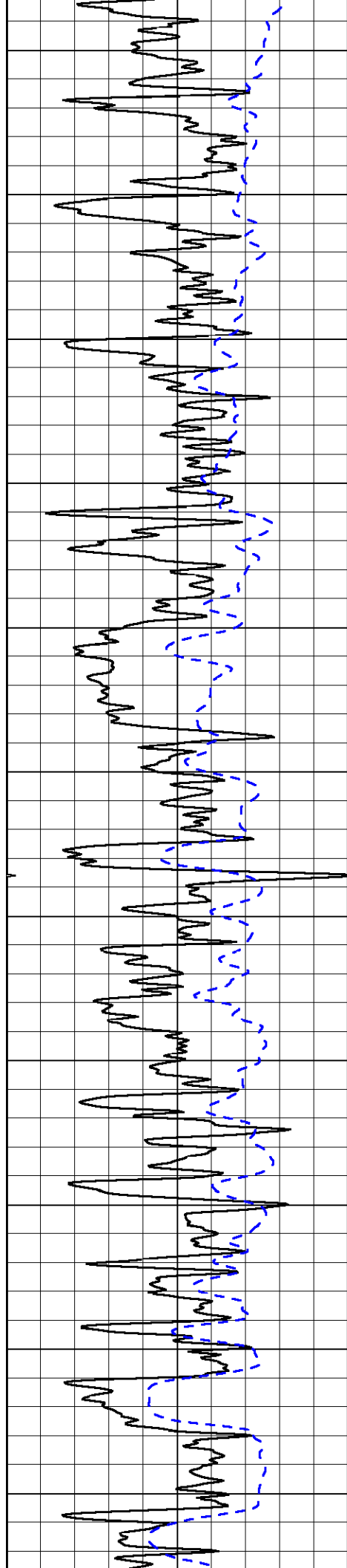


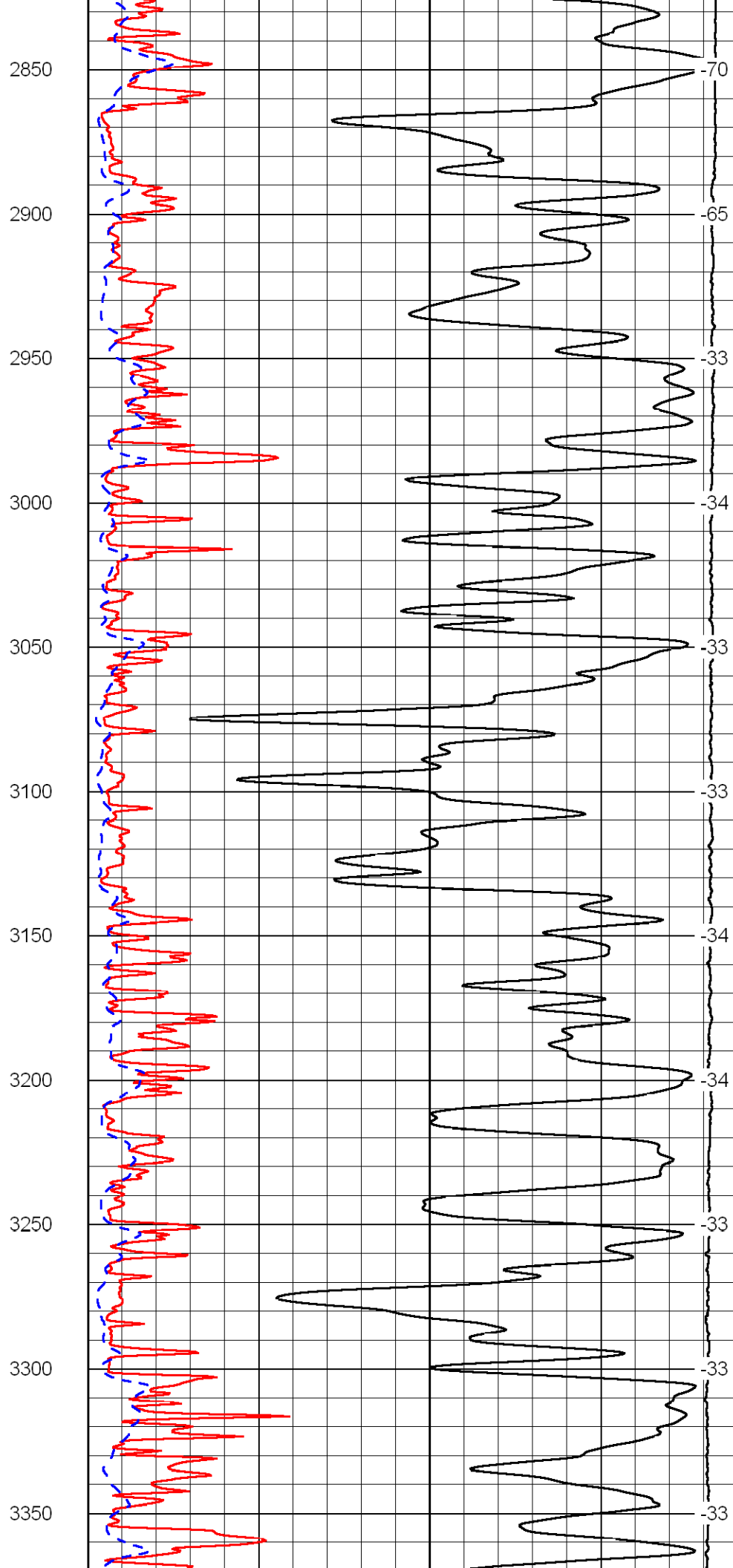
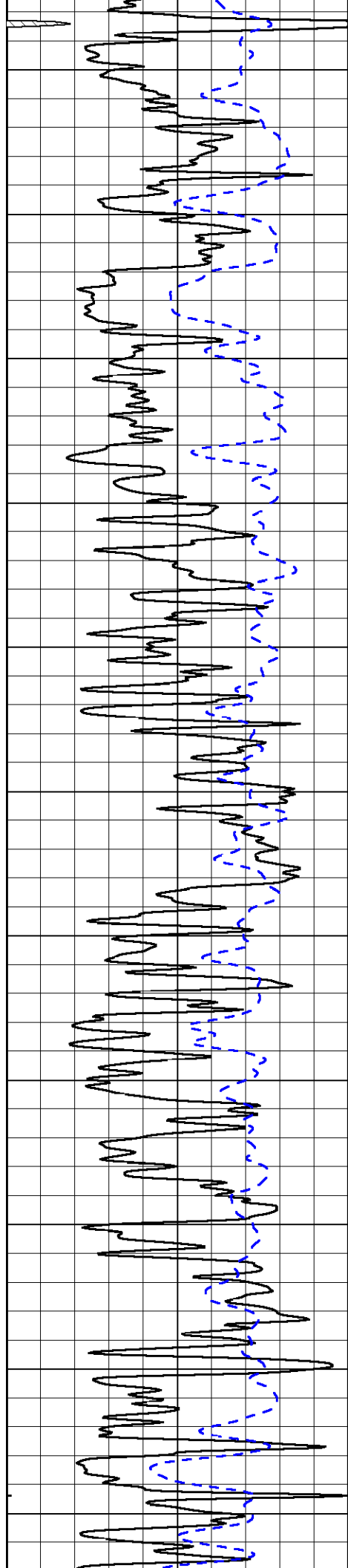
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1250
1300
1350
1400
1450
1500
1550
1600
1650
1700

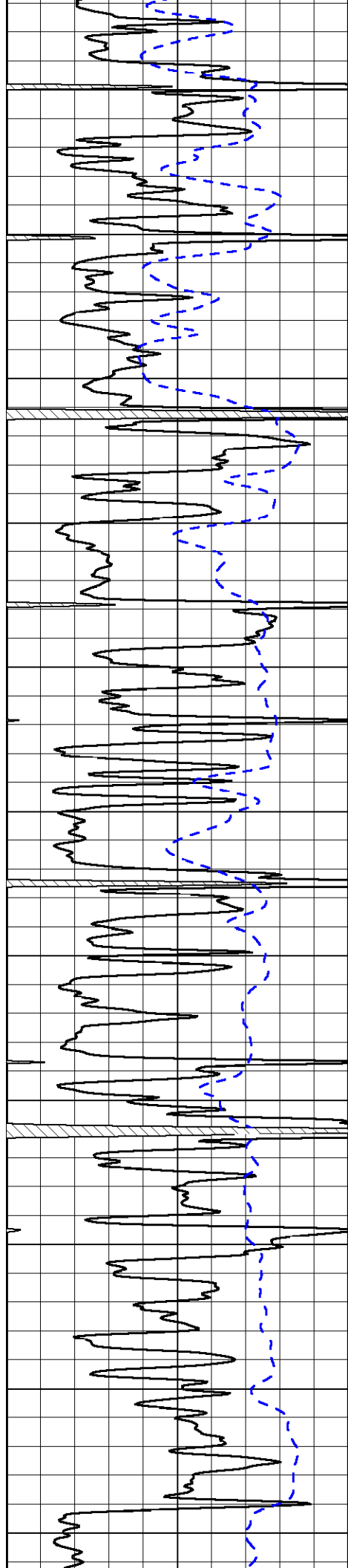


-77
-76
-76
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-76
-74
-74
-74
-74
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3400

3450

3500

3550

3600

3650

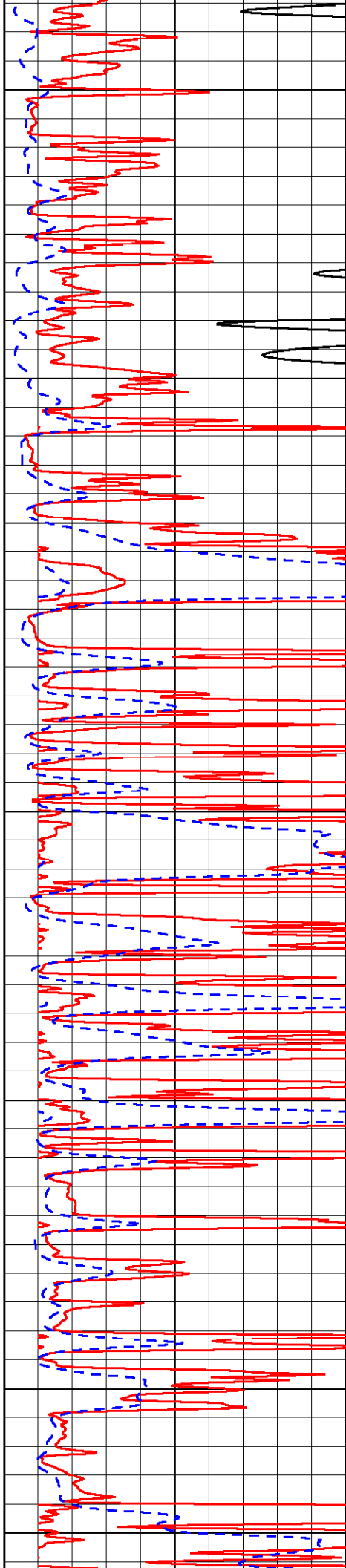
3700

3750

3800

3850

3900



-32

-32

-33

-32

-32

-32

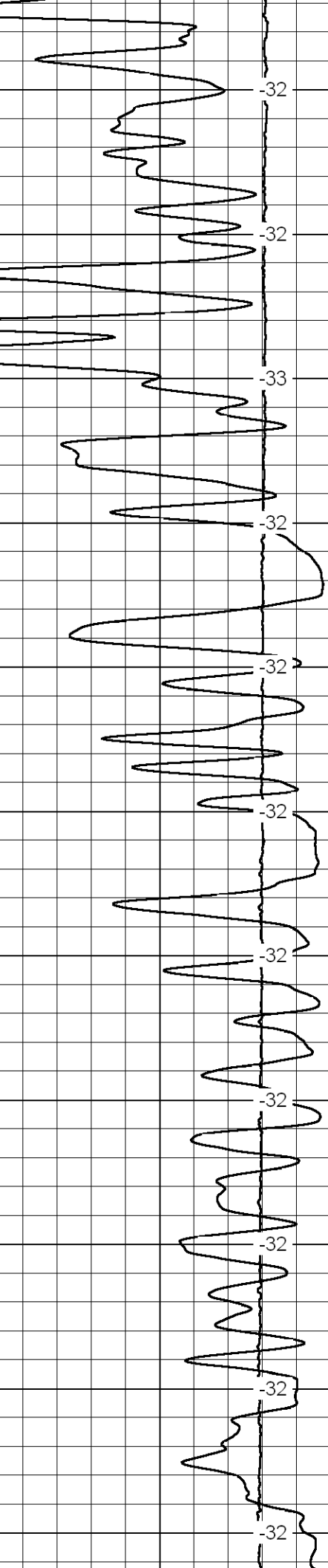
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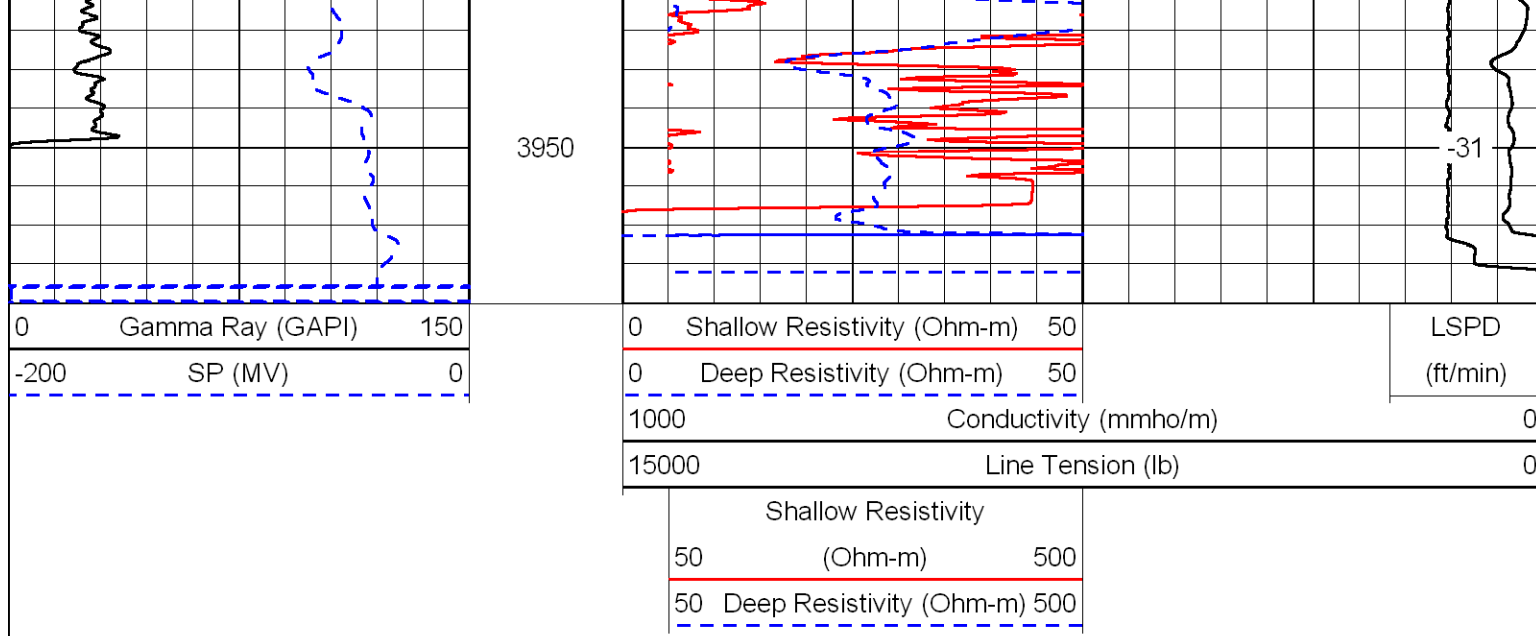
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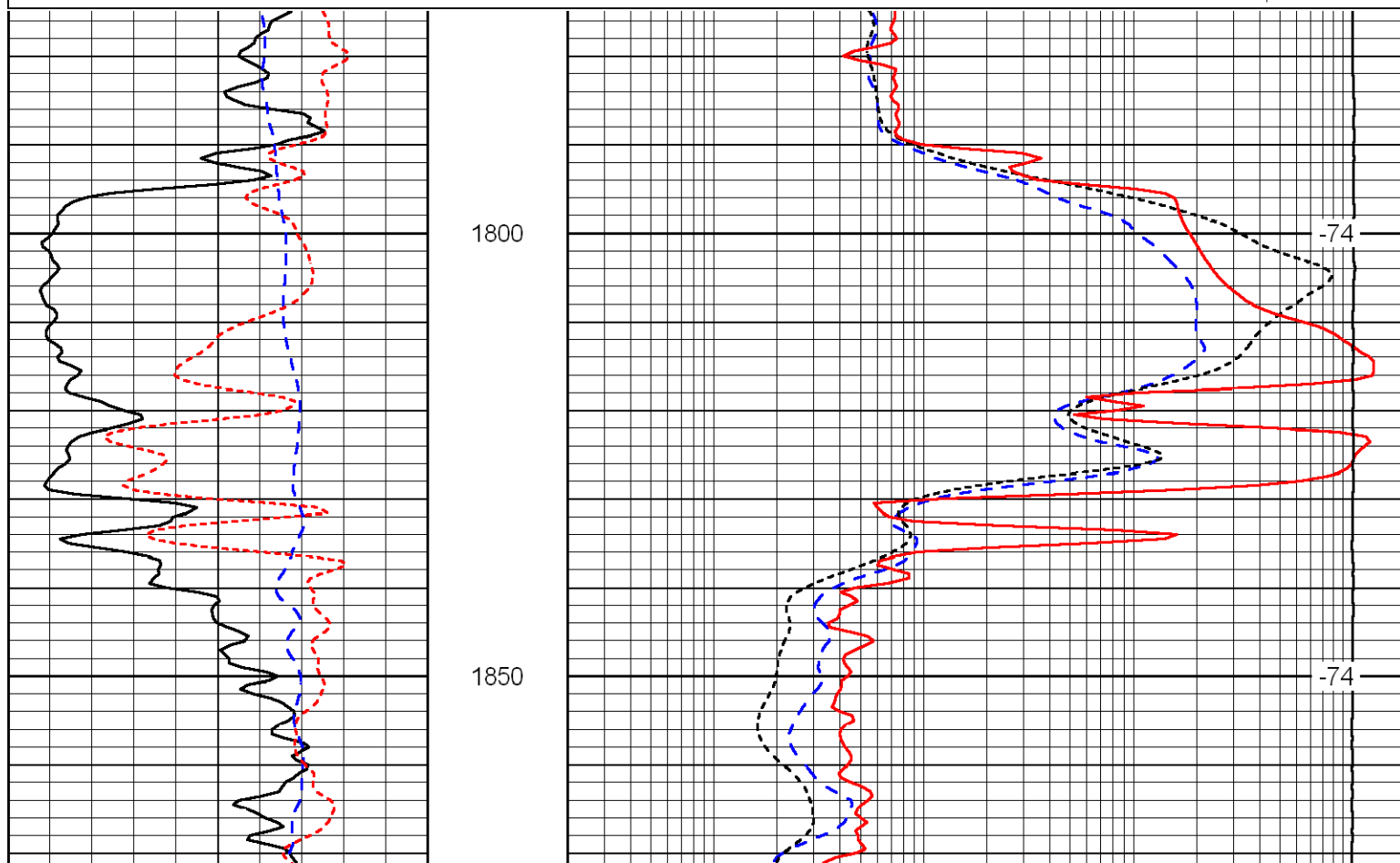
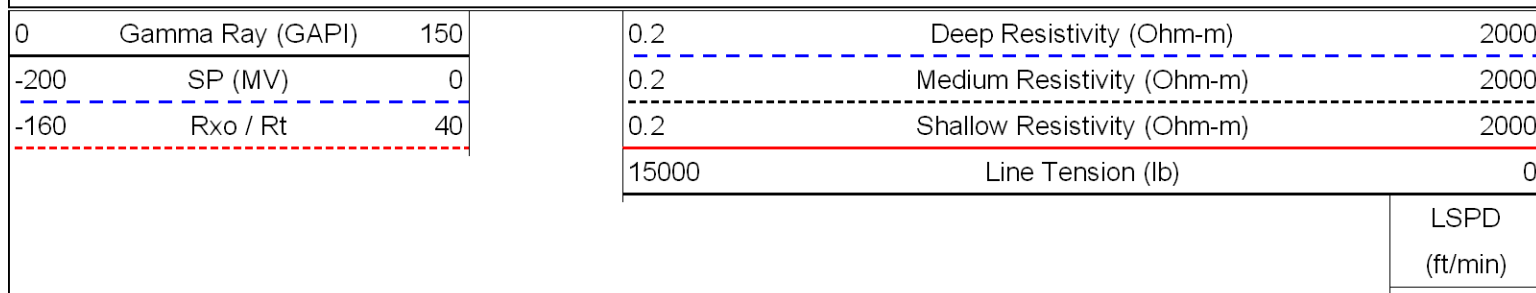
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-32





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



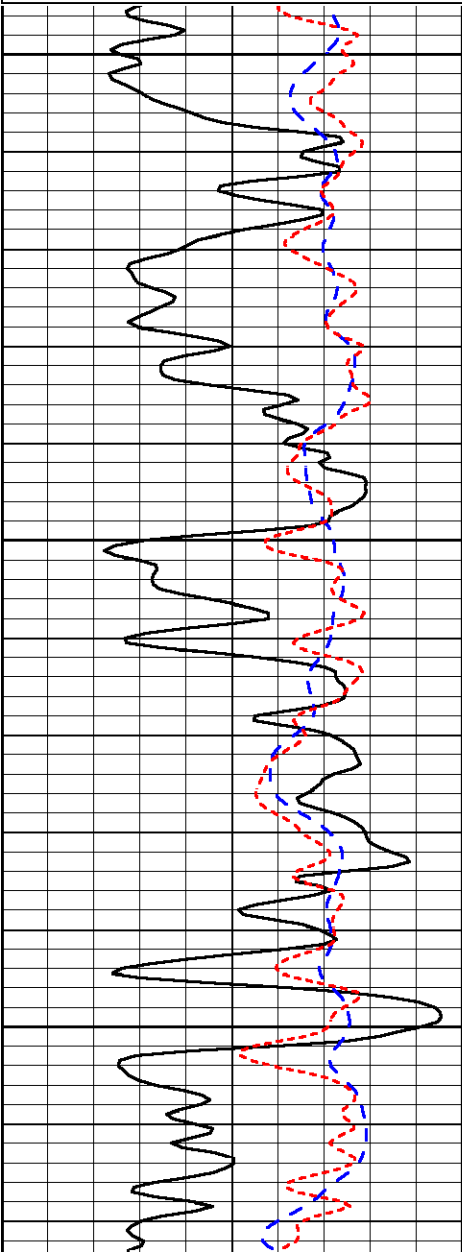
0	Gamma Ray (GAPI)	150
-200	SP (MV)	0
-160	Rxo / Rt	40

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
15000	Line Tension (lb)	0
		LSPD (ft/min)

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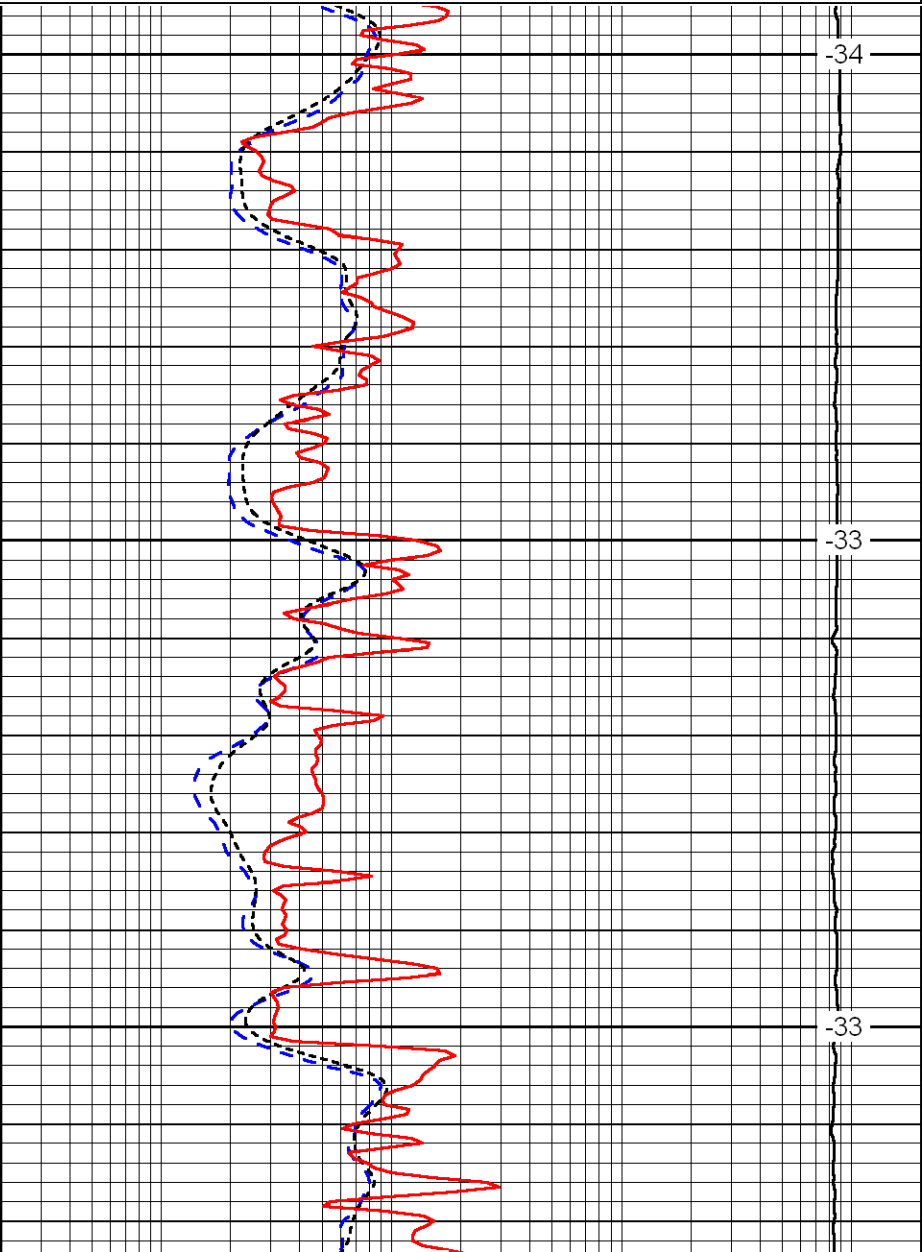
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		LSPD (ft/min)



3200

3250

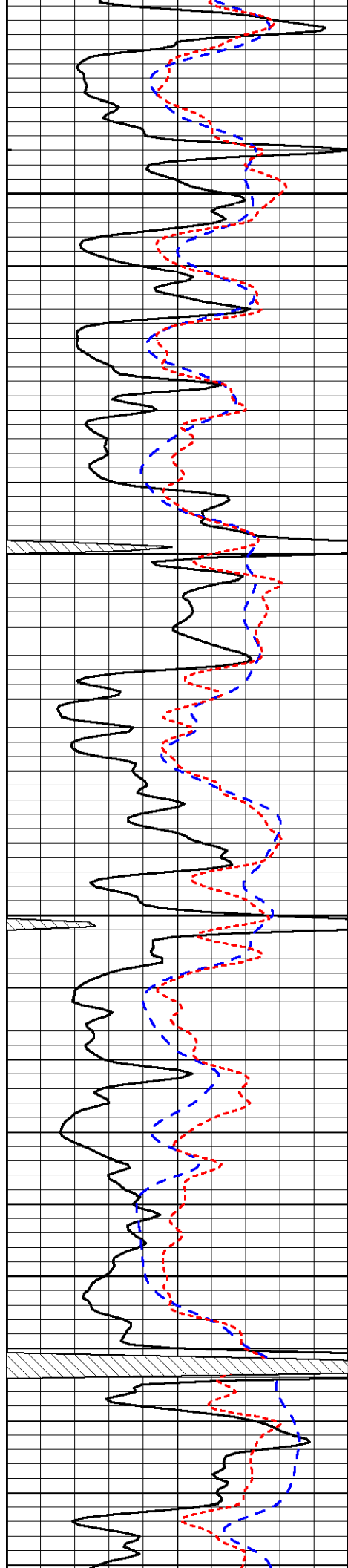
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-34

-33

-33

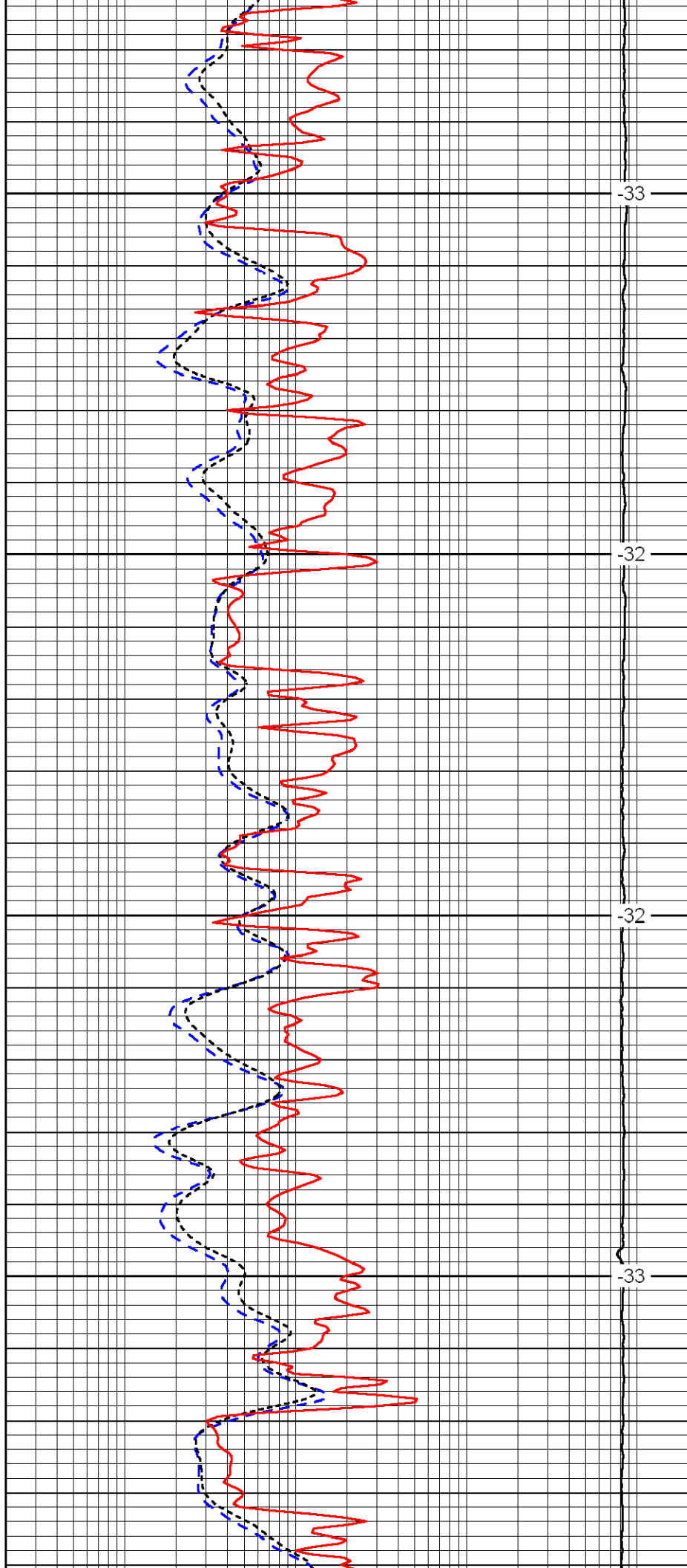


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3400

3450

3500

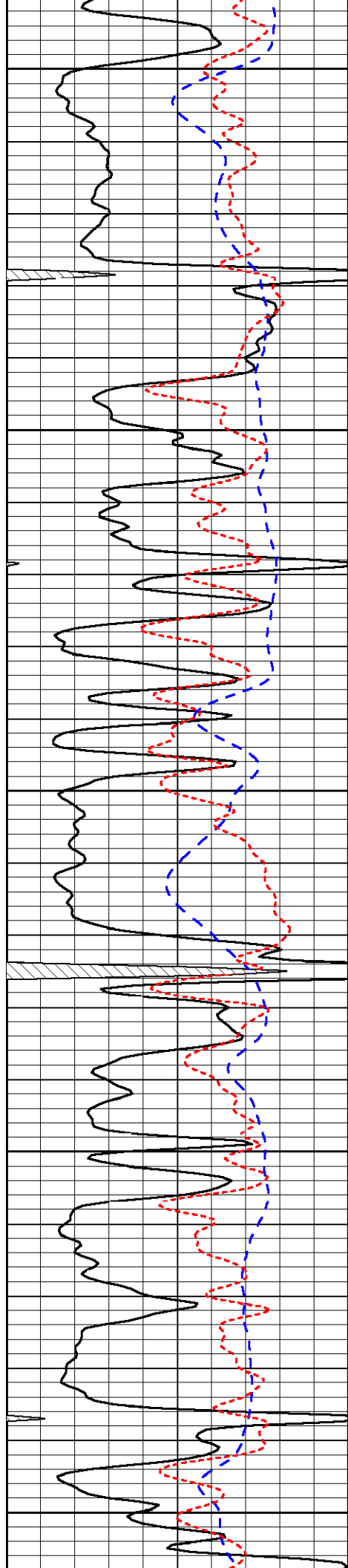


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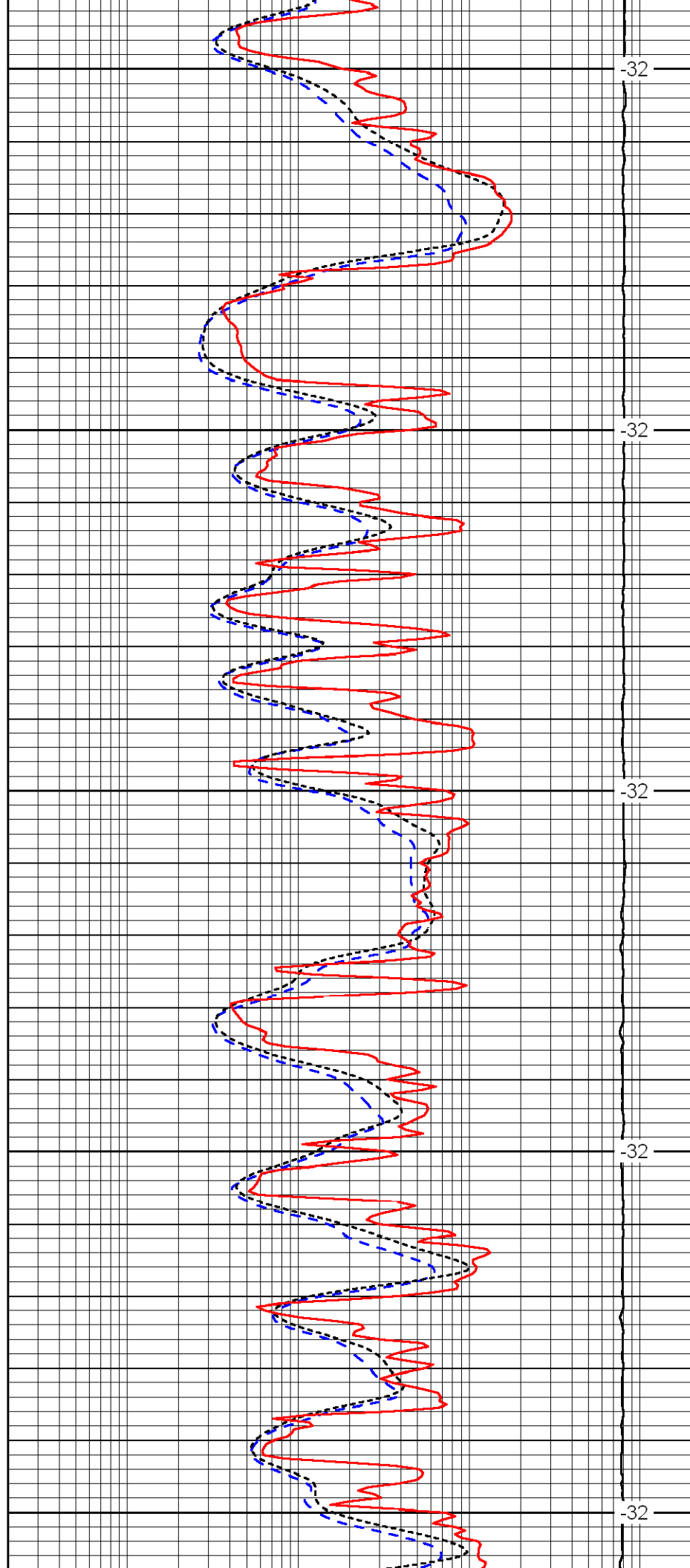
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3600

3650

3700

3750



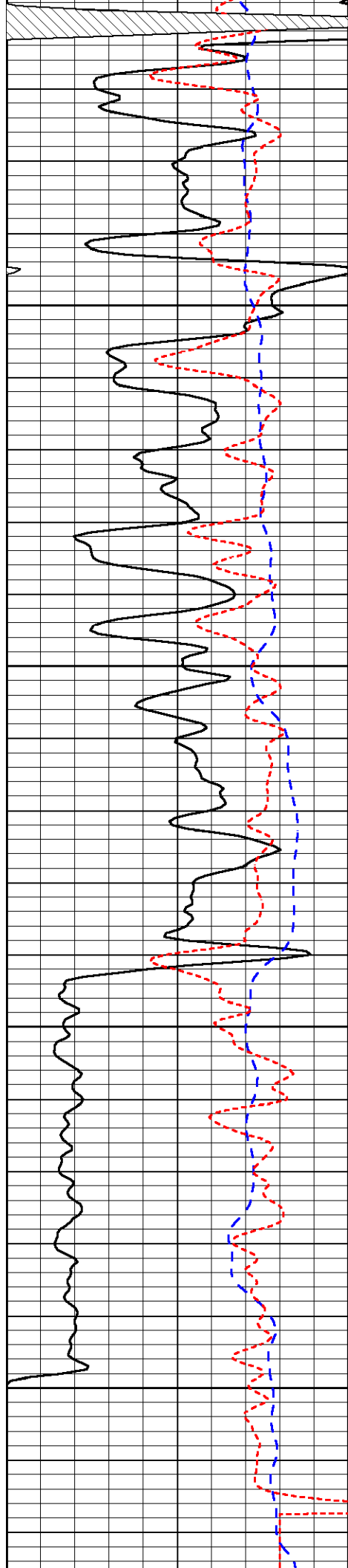
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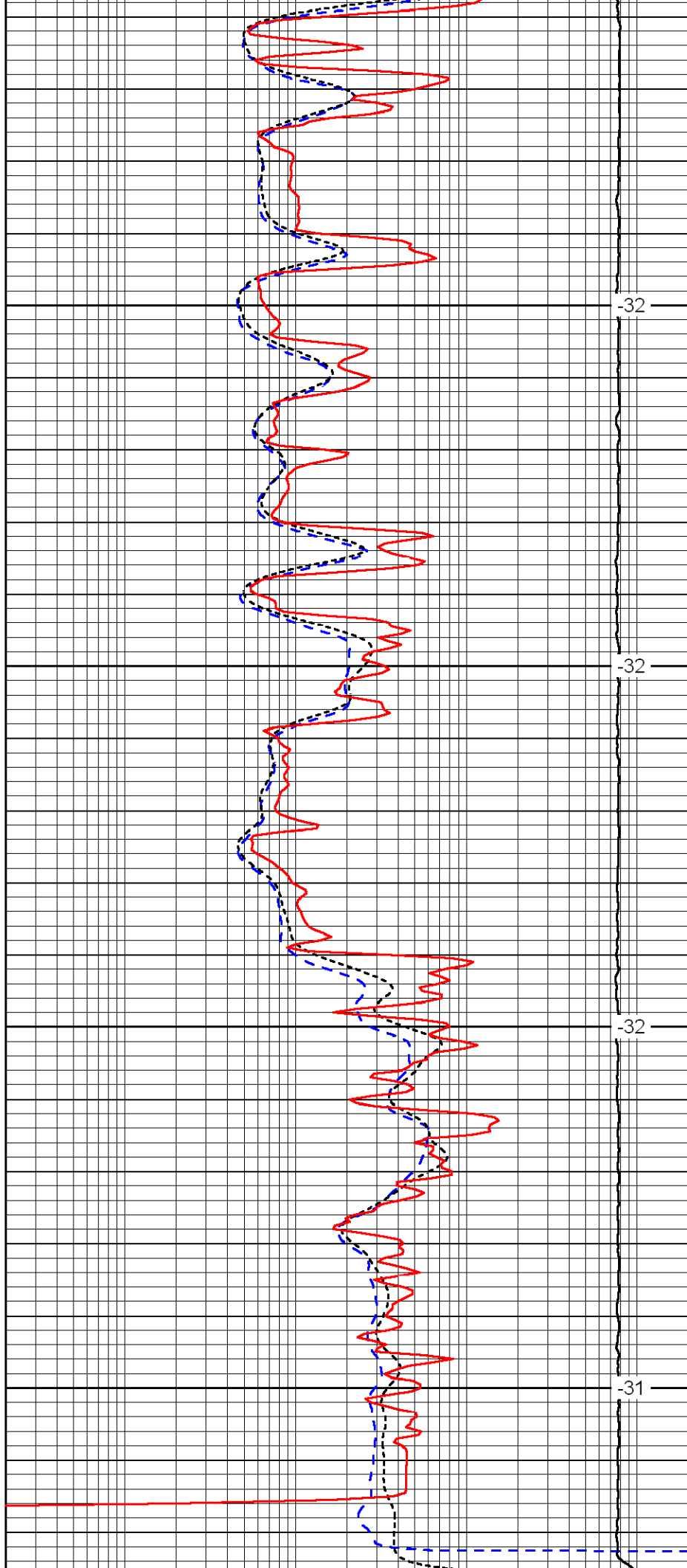


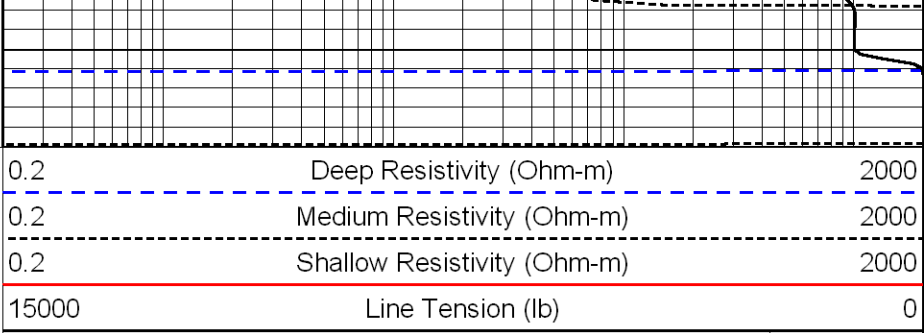
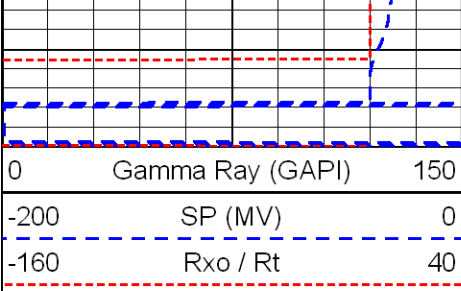
3800

3850

3900

3950





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LSPD
(ft/min)