



DIGITAL LOG

(785) 625-3858

Dual Induction Log

API No.

15-051-26,290-00-00

Company TDI, Inc.

Well Augustine No.1

Field Catherine South

County Ellis State

Kansas

Location 1200' FSL & 1400' FWL

Sec: 15 Twp: 13S Rge: 17W

Permanent Datum Ground Level
Log Measured From Kelly Bushing
Drilling Measured From Kelly BushingElevation 2008
10 Ft. Above Perm. Datum

Elevation

K.B. 2018

D.F. 2008

Other Services
CNL/CDL
MEL

Date

5/23/2012

Run Number

One

Depth Driller

3735

Depth Logger

3732

Bottom Logged Interval

3731

Top Log Interval

200

Casing Driller

8.625 @ 215

Casing Logger

213

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

6,300

Density / Viscosity

9.0 59

pH / Fluid Loss

11.0 7.2

Source of Sample

Flowline

Rm @ Meas. Temp

.5 @ 69

Rmf @ Meas. Temp

.38 @ 69

Rmc @ Meas. Temp

.68 @ 69

Source of Rmf / Rmc

Charts

Rm @ BHT

.3 @ 113

Operating Rig Time

3 1/2 Hours

Max Rec. Temp. F

113

Equipment Number

17

Location

Hays

Recorded By

C. Desaire

Witnessed By

Tom Denning

Herb Deines

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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.

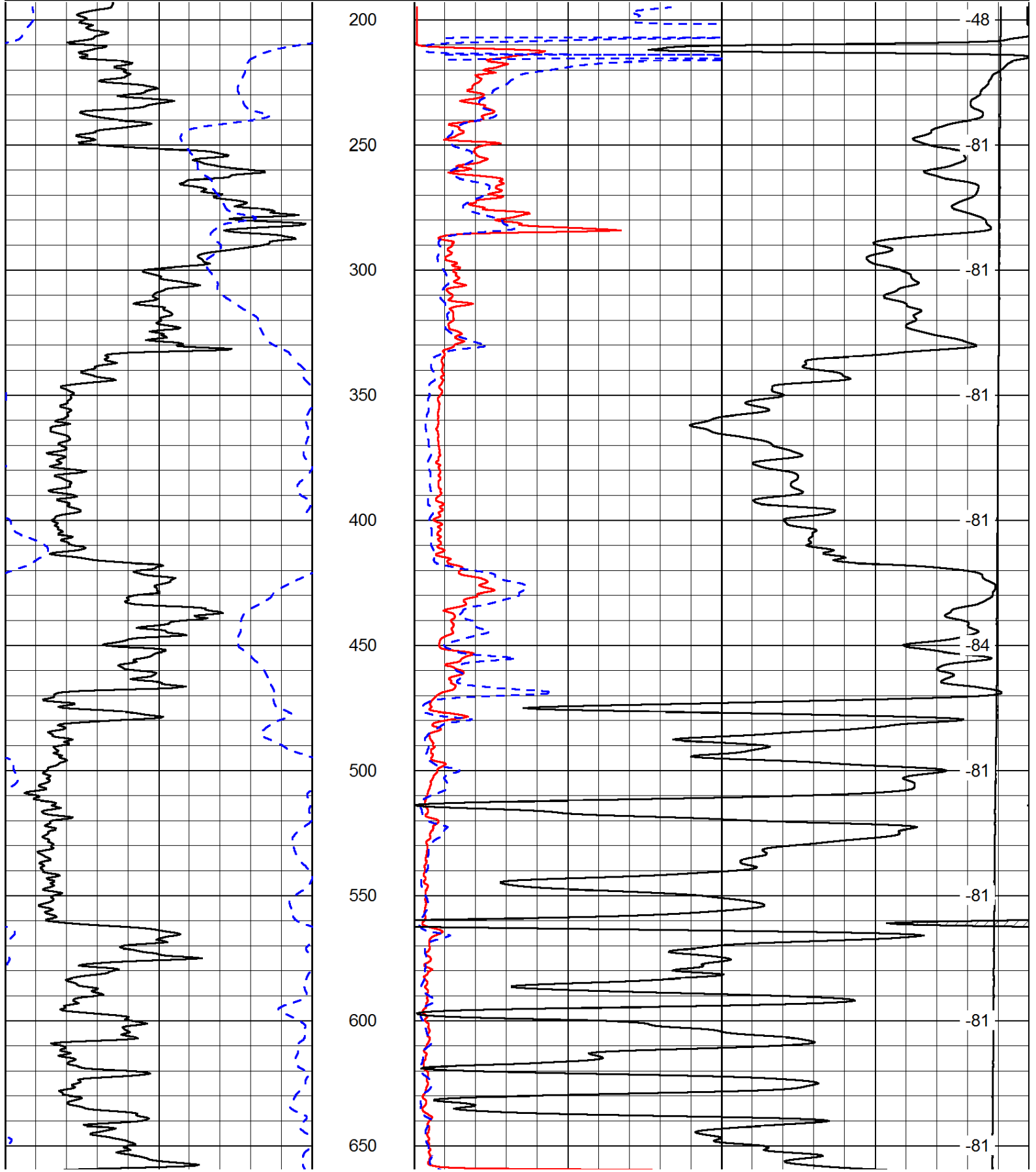
Comments

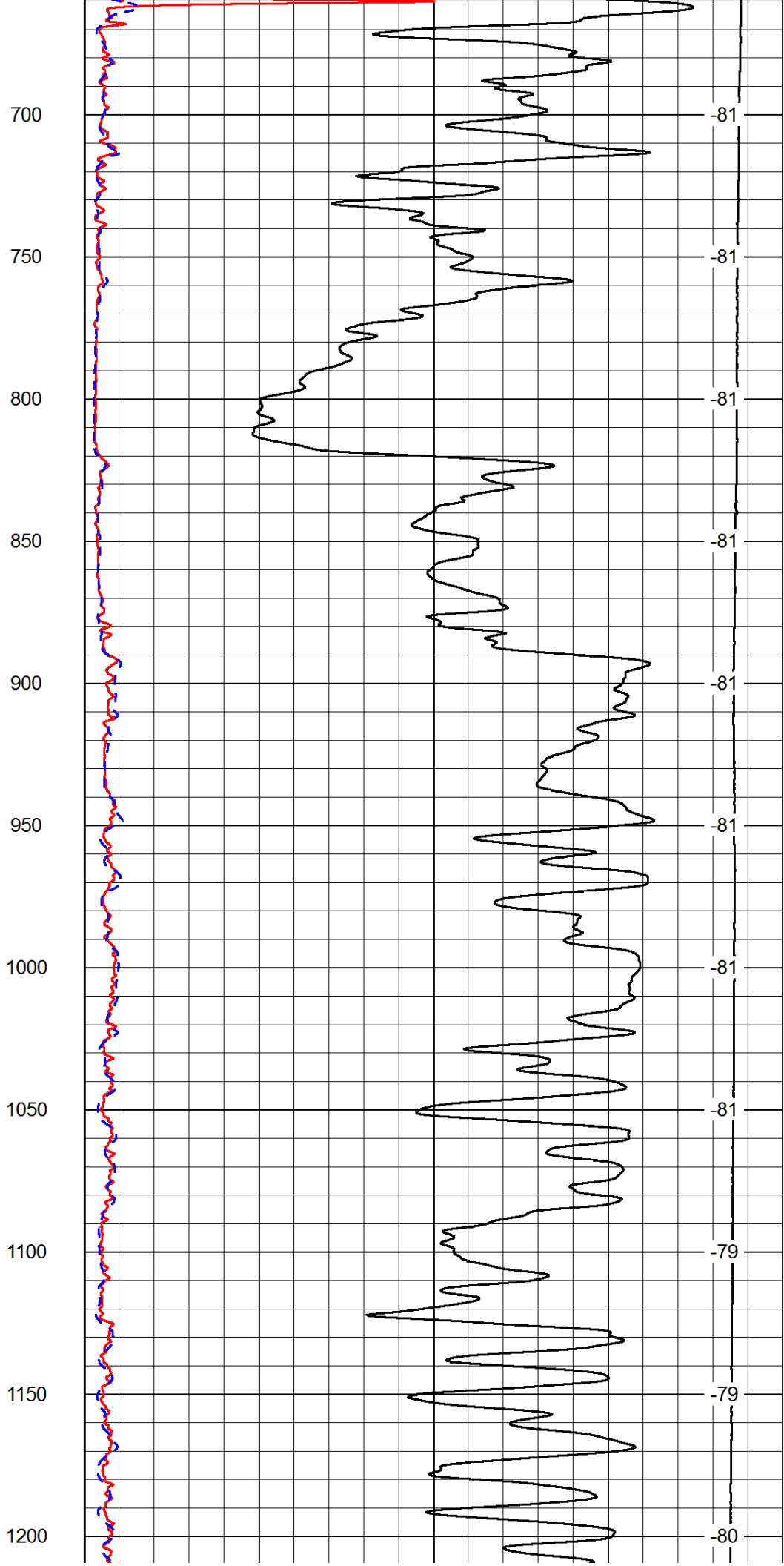
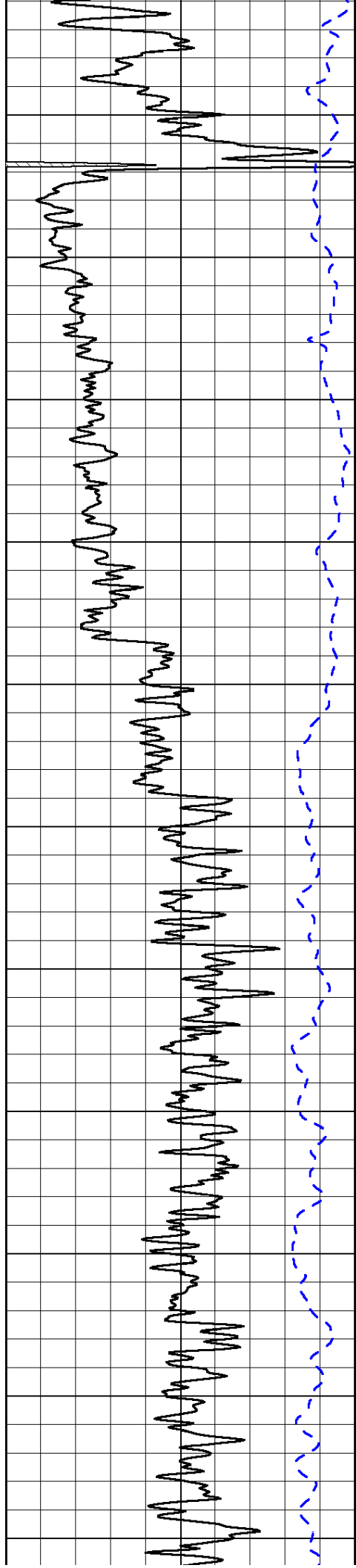
Thank you for using Log-Tech, Inc.
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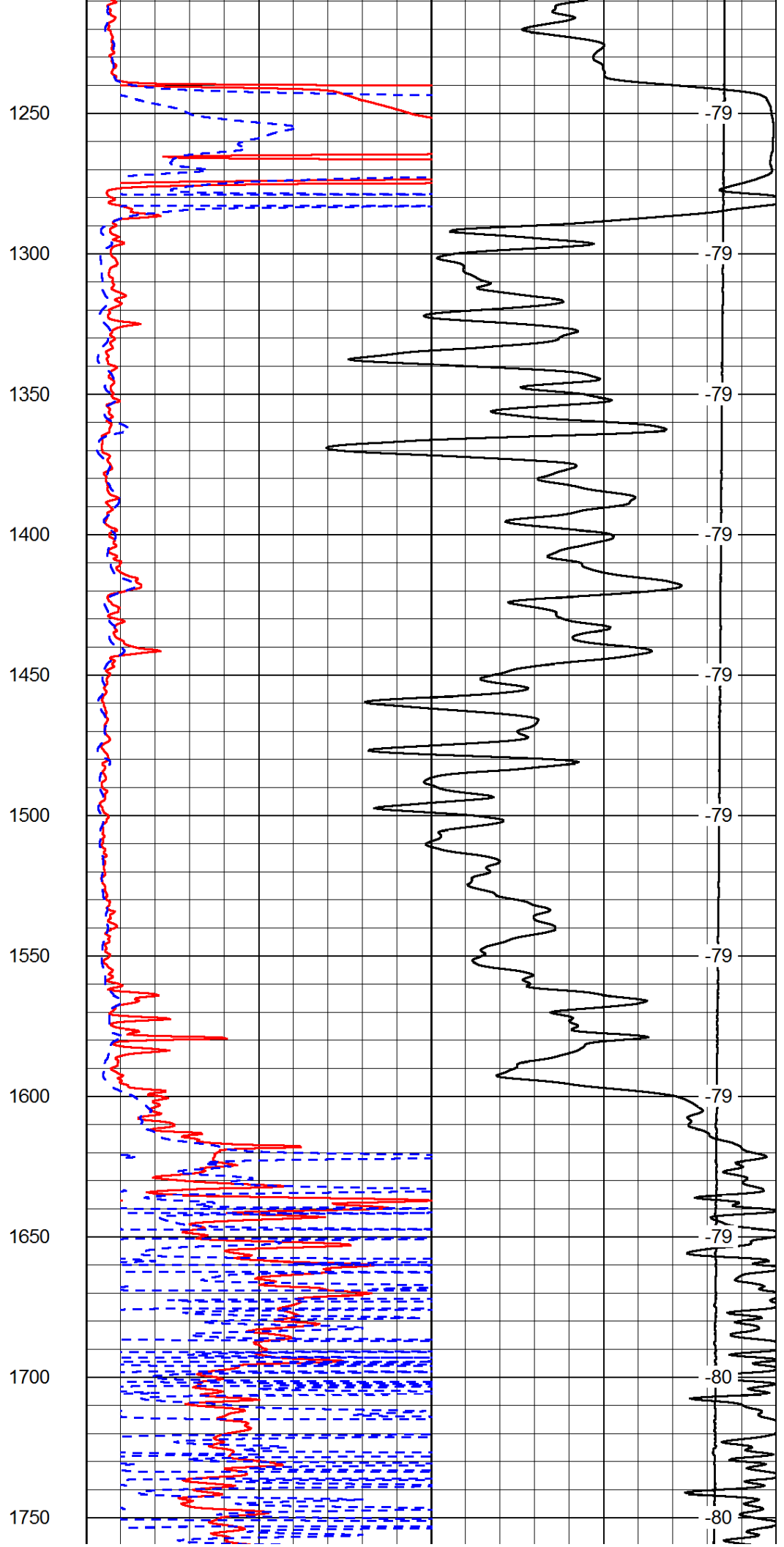
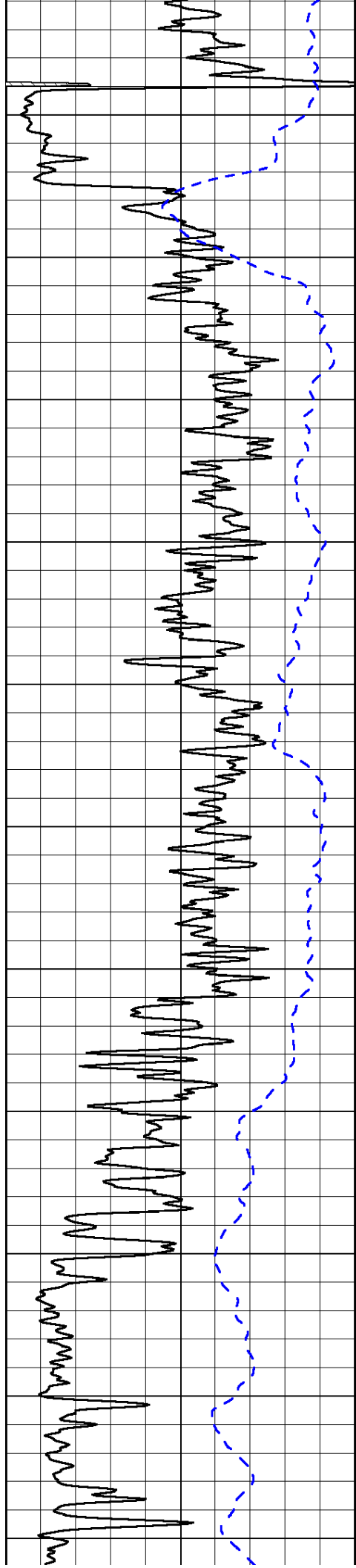
Catherine KS, 1/2 E,
1 S, 1/2 E, N Into

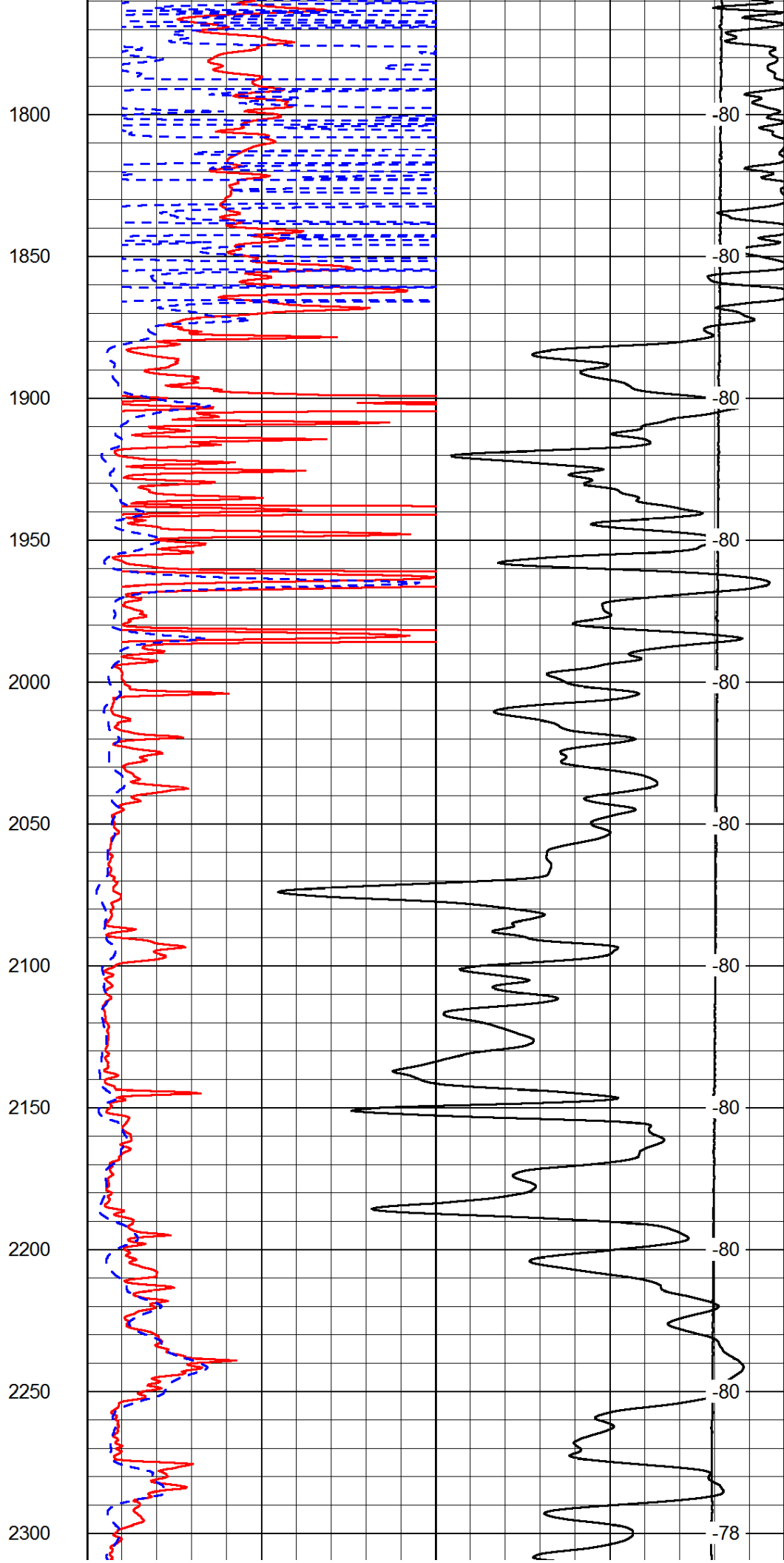
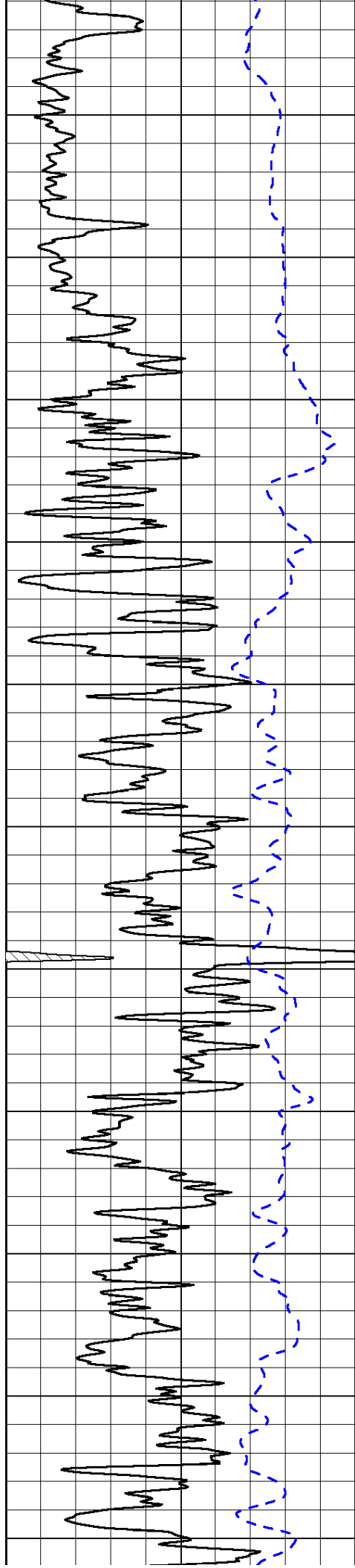
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Presentation Format: dil2in
Dataset Creation: Wed May 23 04:47:09 2012
Charted by: Depth in Feet scaled 1:600

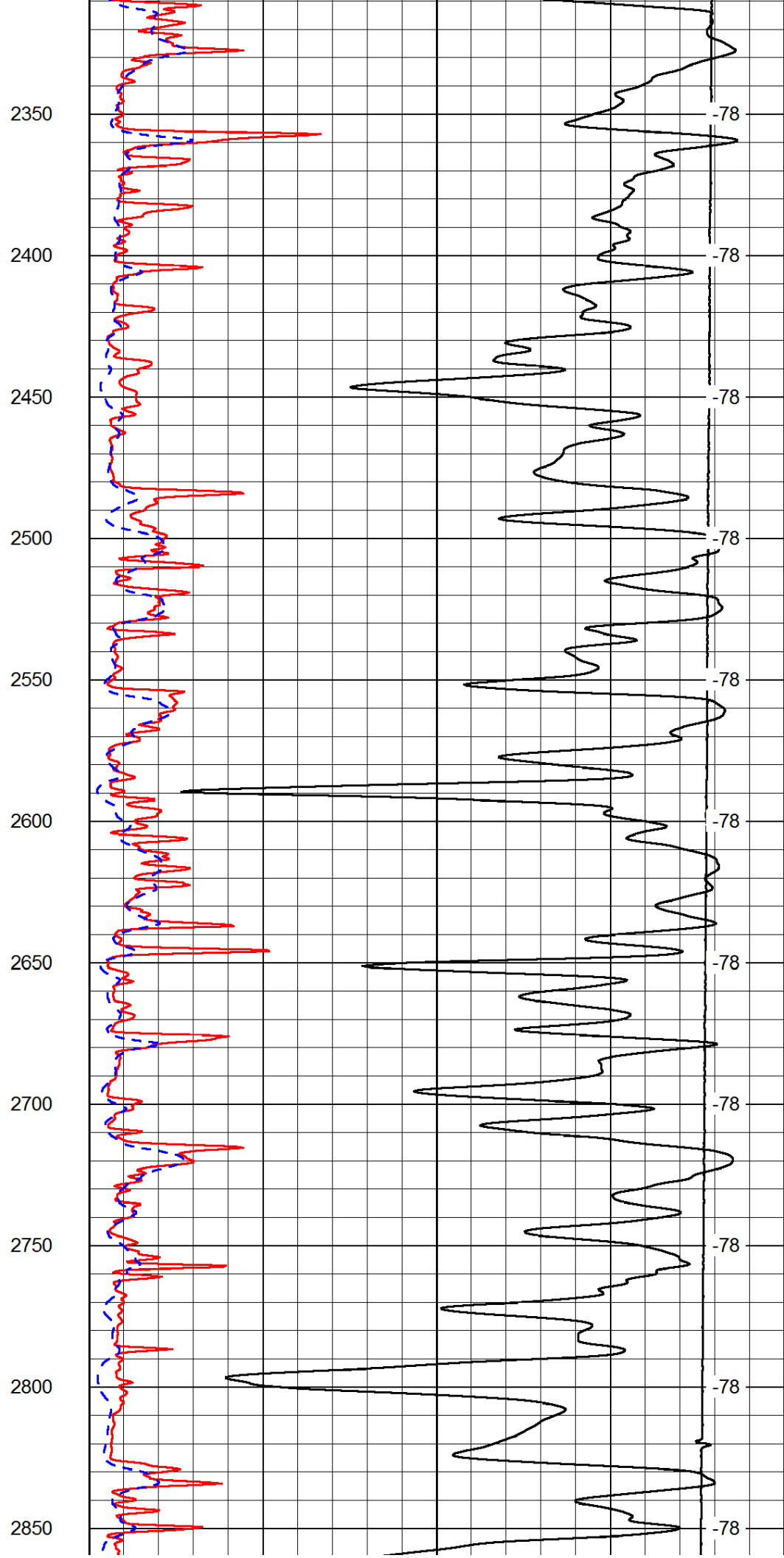
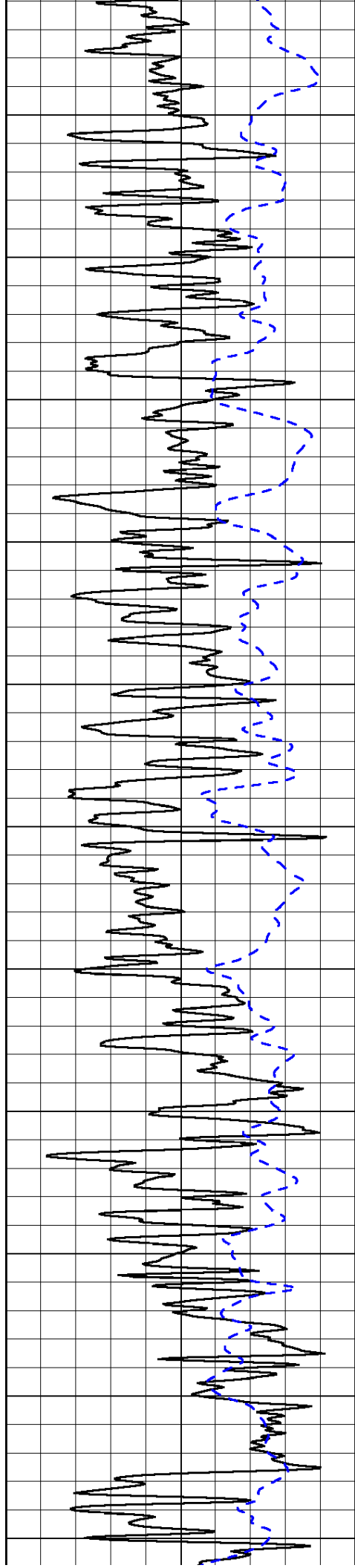
Charted by: Depth in Feet scaled 1:600								
0	Gamma Ray	150	0	Shallow Resistivity	50	LSPD		
-200	SP (mV)	0	0	Deep Resistivity	50			
			1000	Conductivity		0		
			15000	Line Tension		0		
			50	Shallow Resistivity	500			
			50	Deep Resistivity	500			

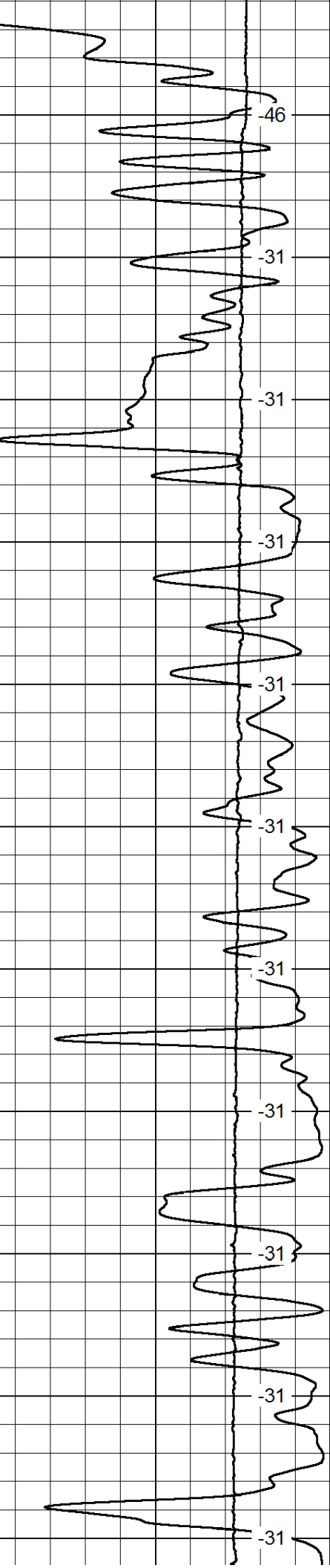
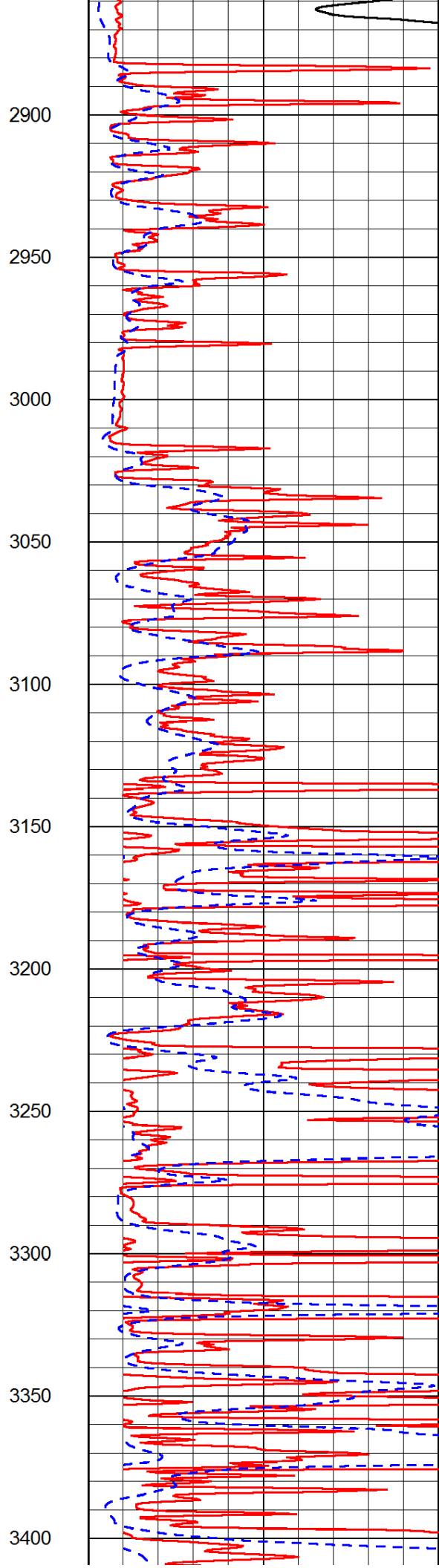
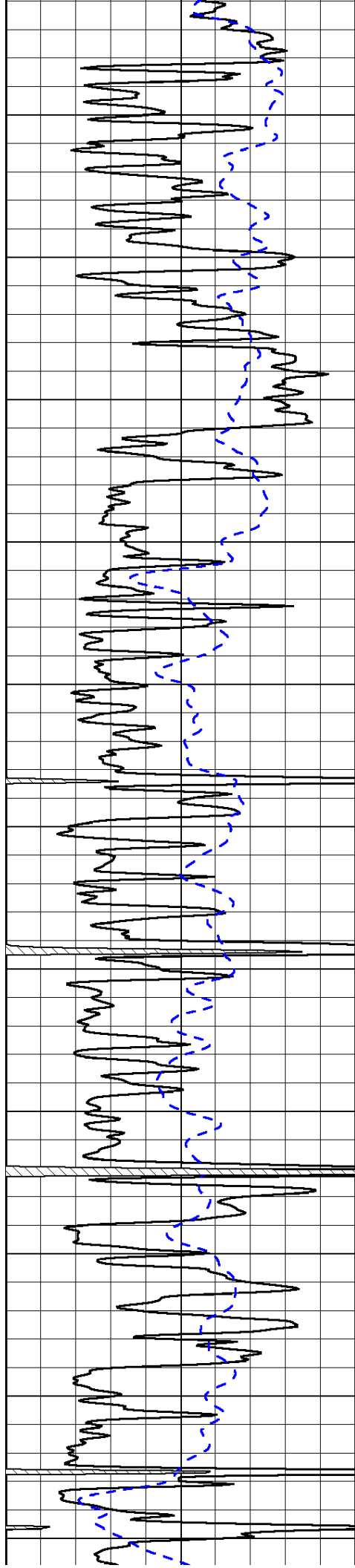


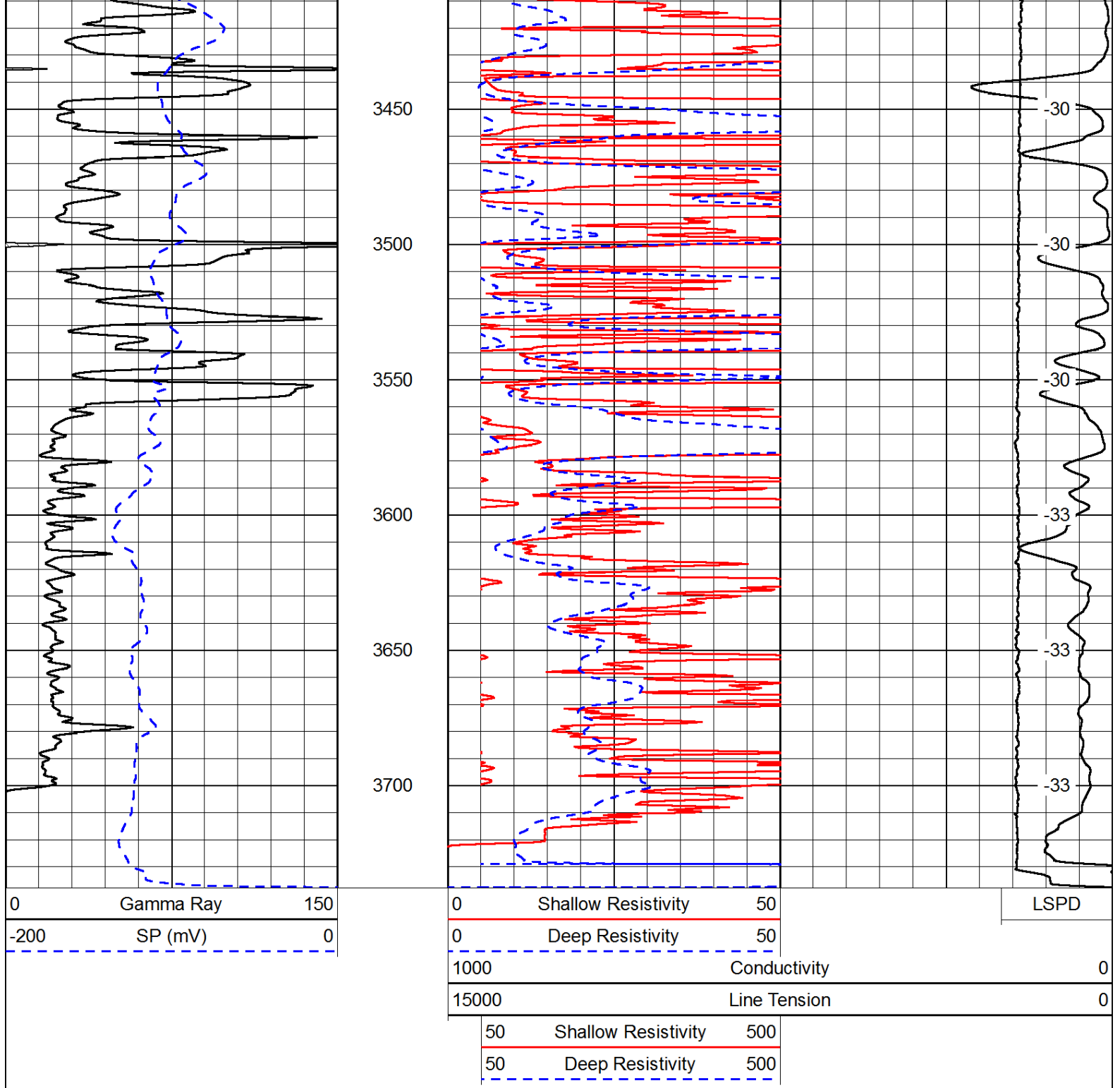




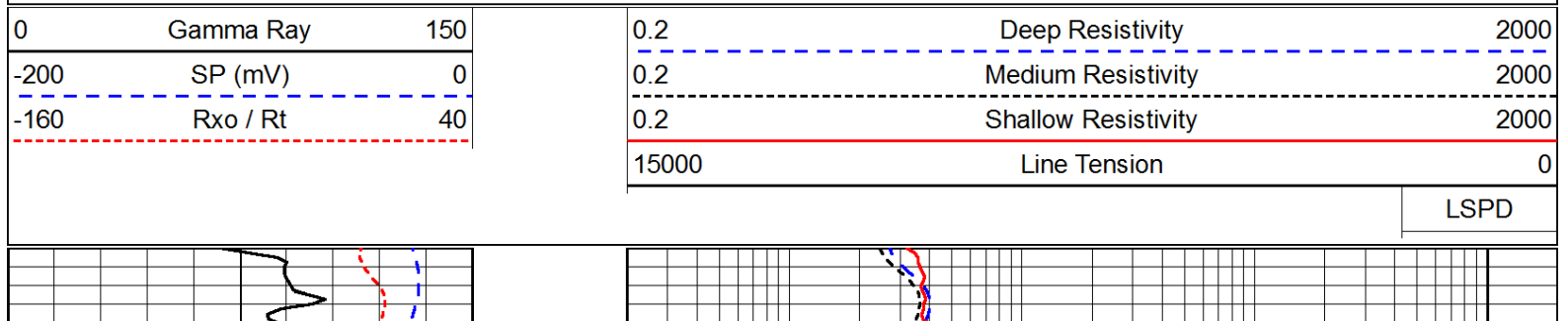


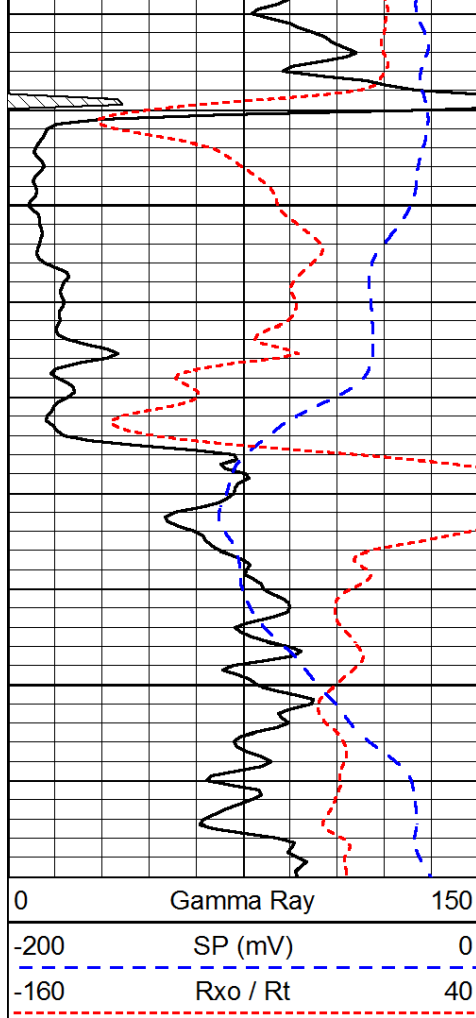






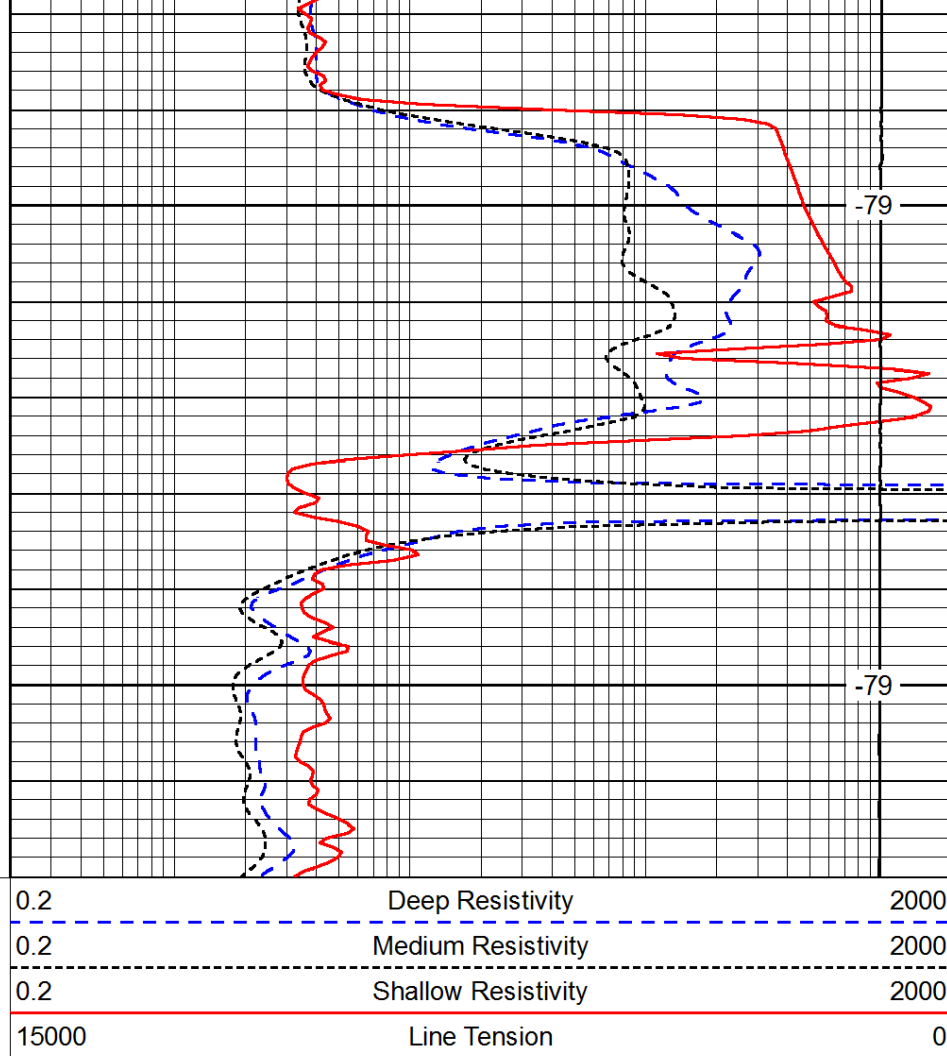
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 Dataset Pathname: dil/tdistk
 Presentation Format: dil
 Dataset Creation: Wed May 23 04:47:09 2012
 Charted by: Depth in Feet scaled 1:240





1250

1300

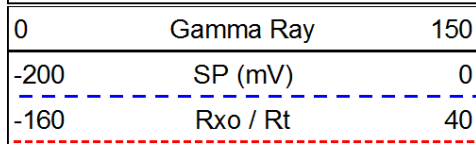


-79

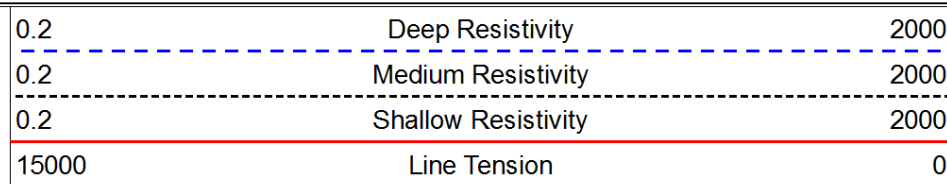
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LSPD

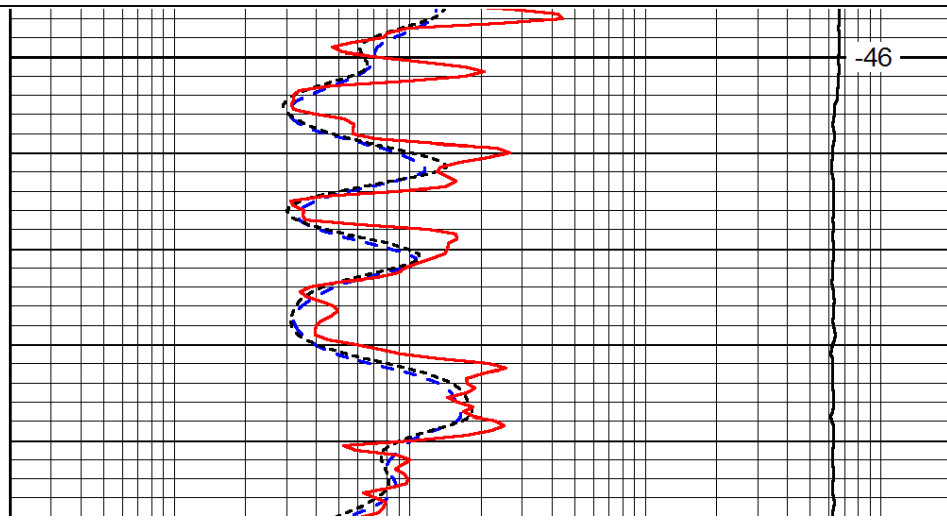
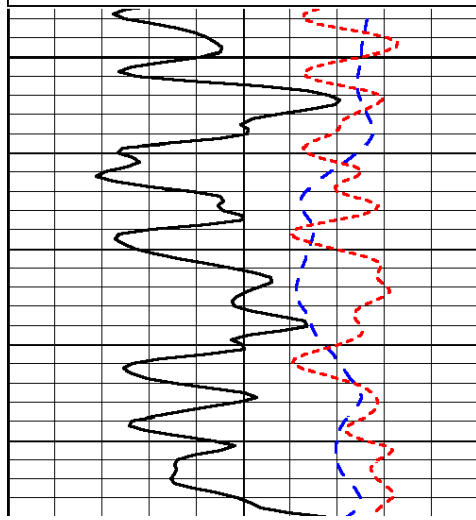
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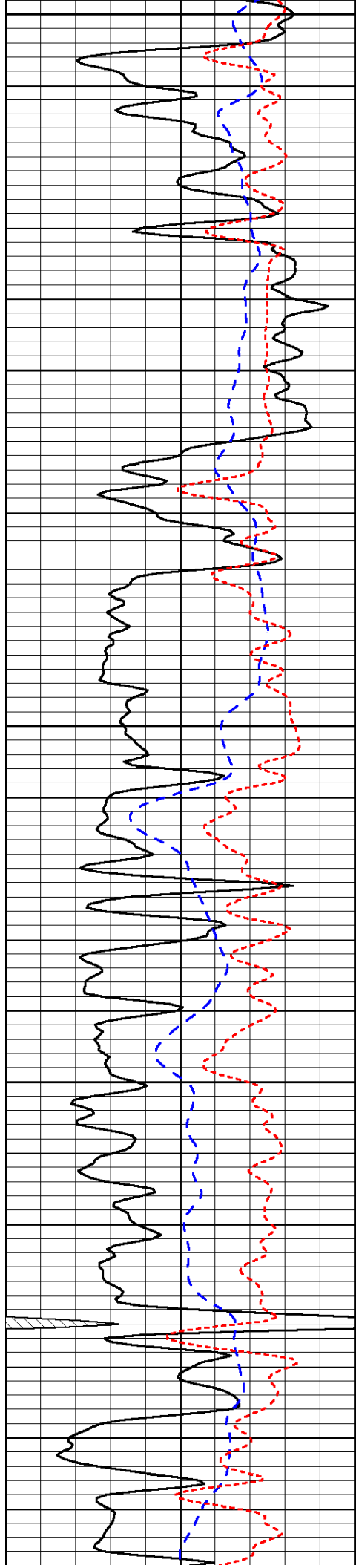
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LSPD



-46



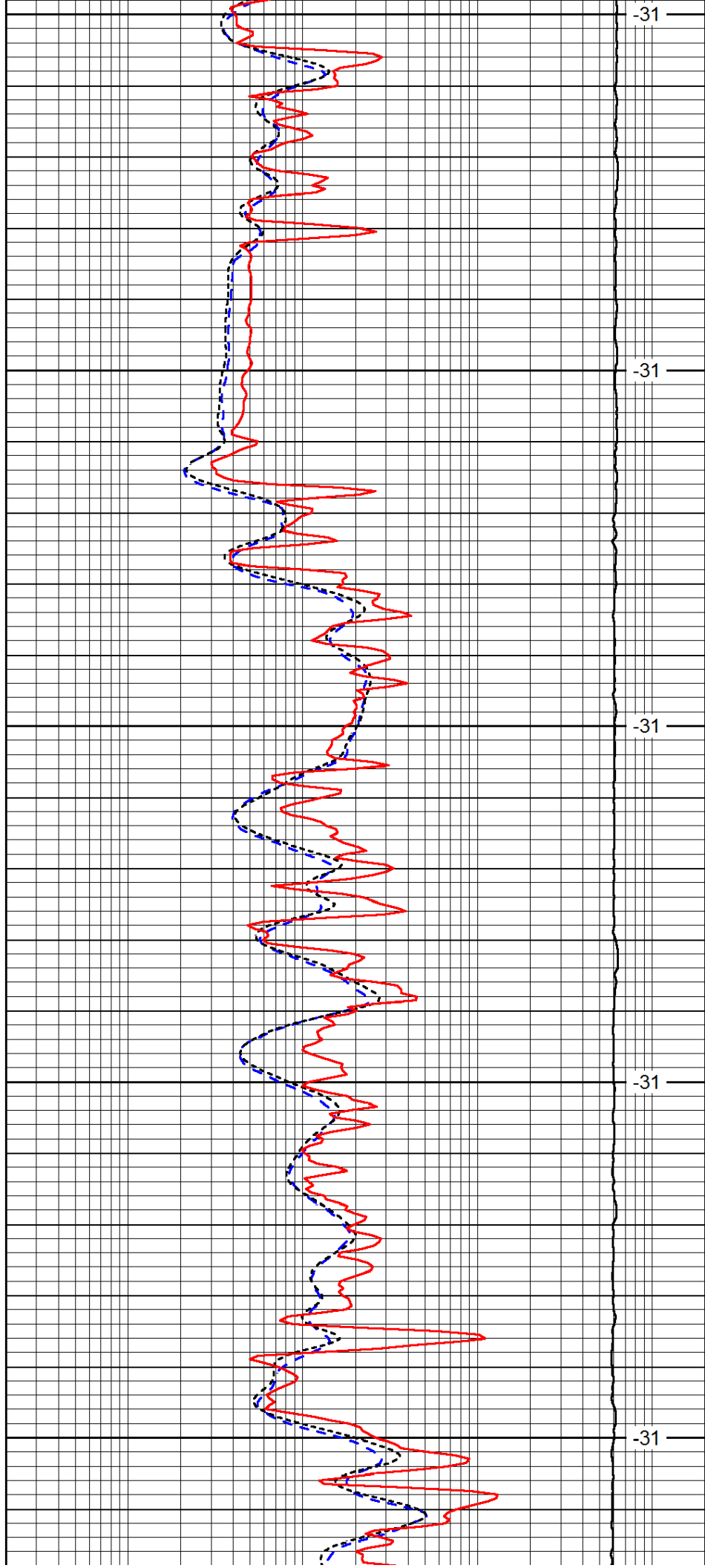
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3000

3050

3100

3150



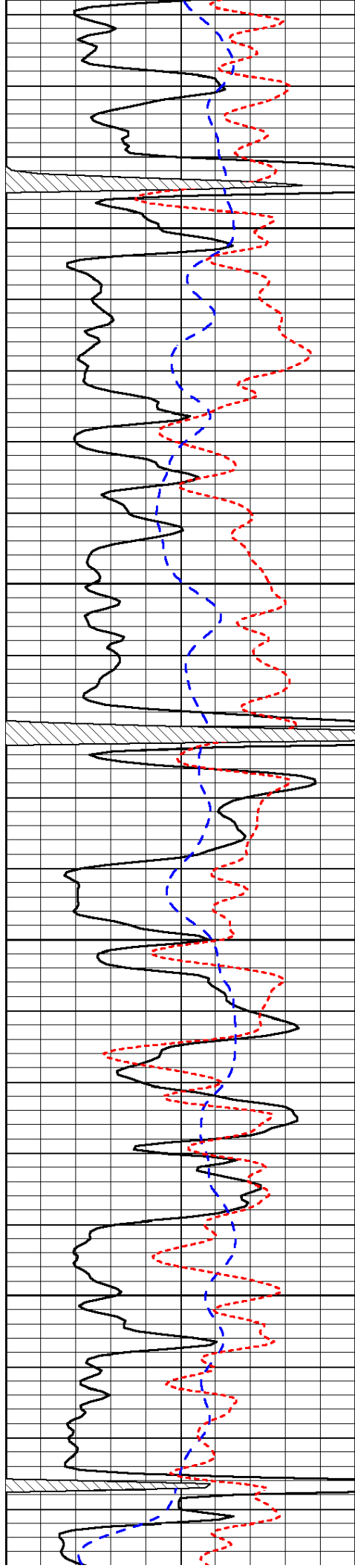
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-31

-31

-31

-31

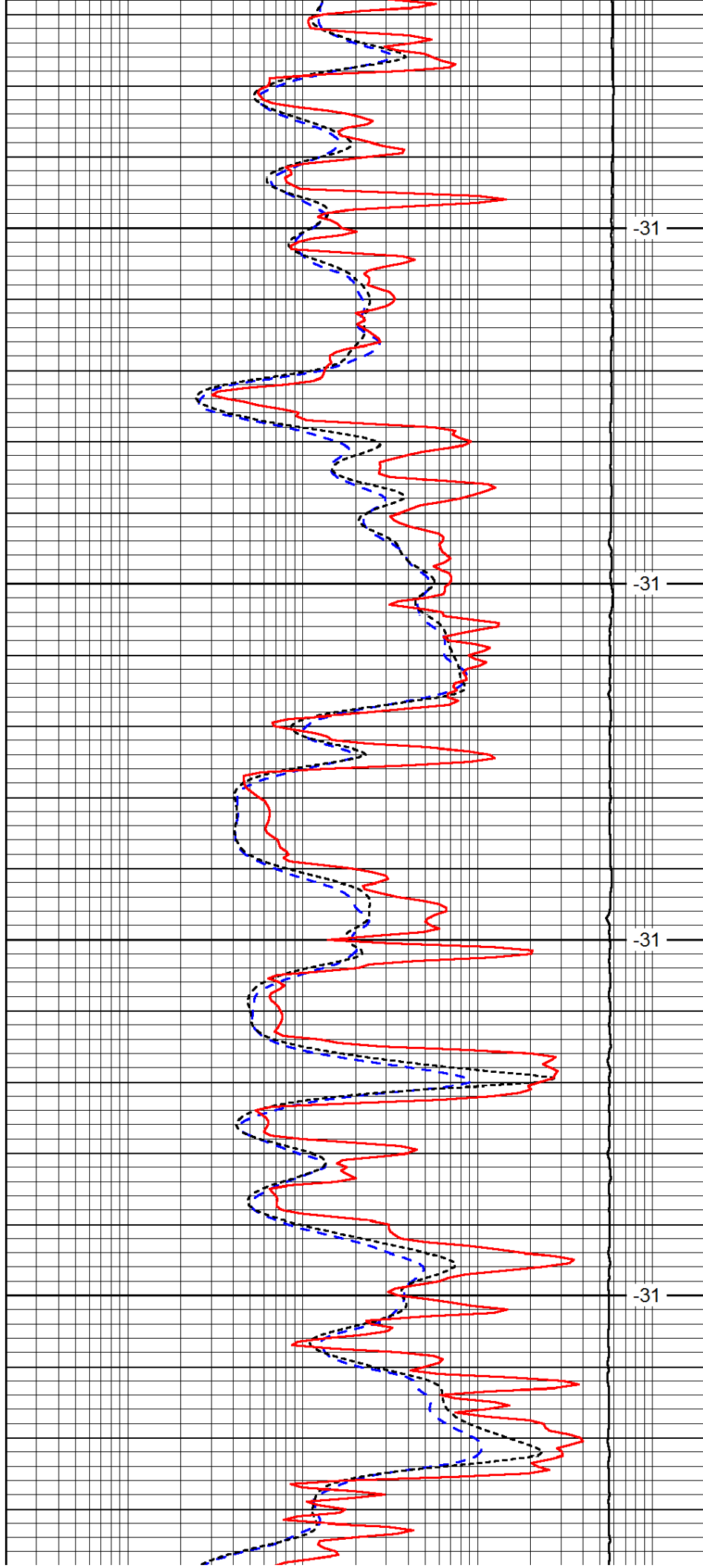


3200

3250

3300

3350

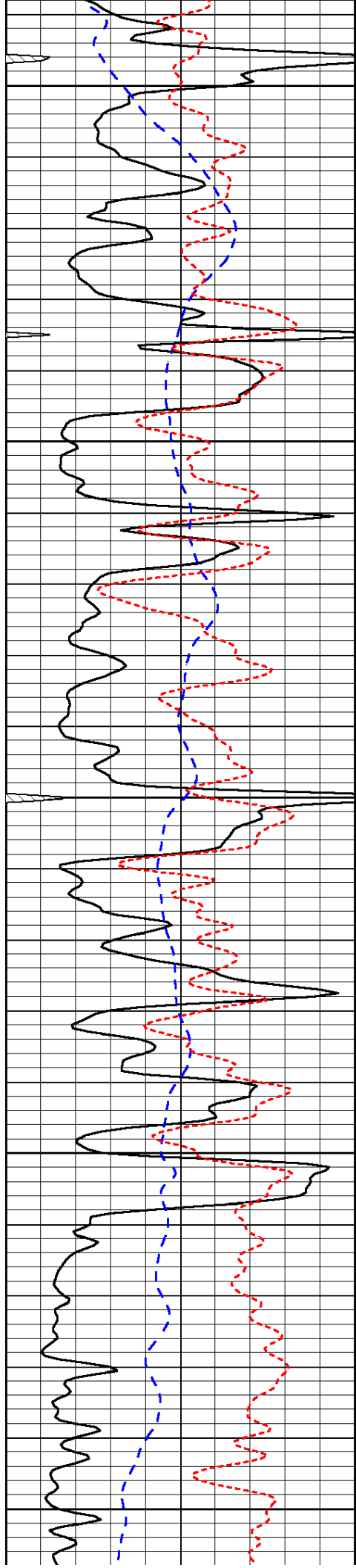


-31

-31

-31

-31



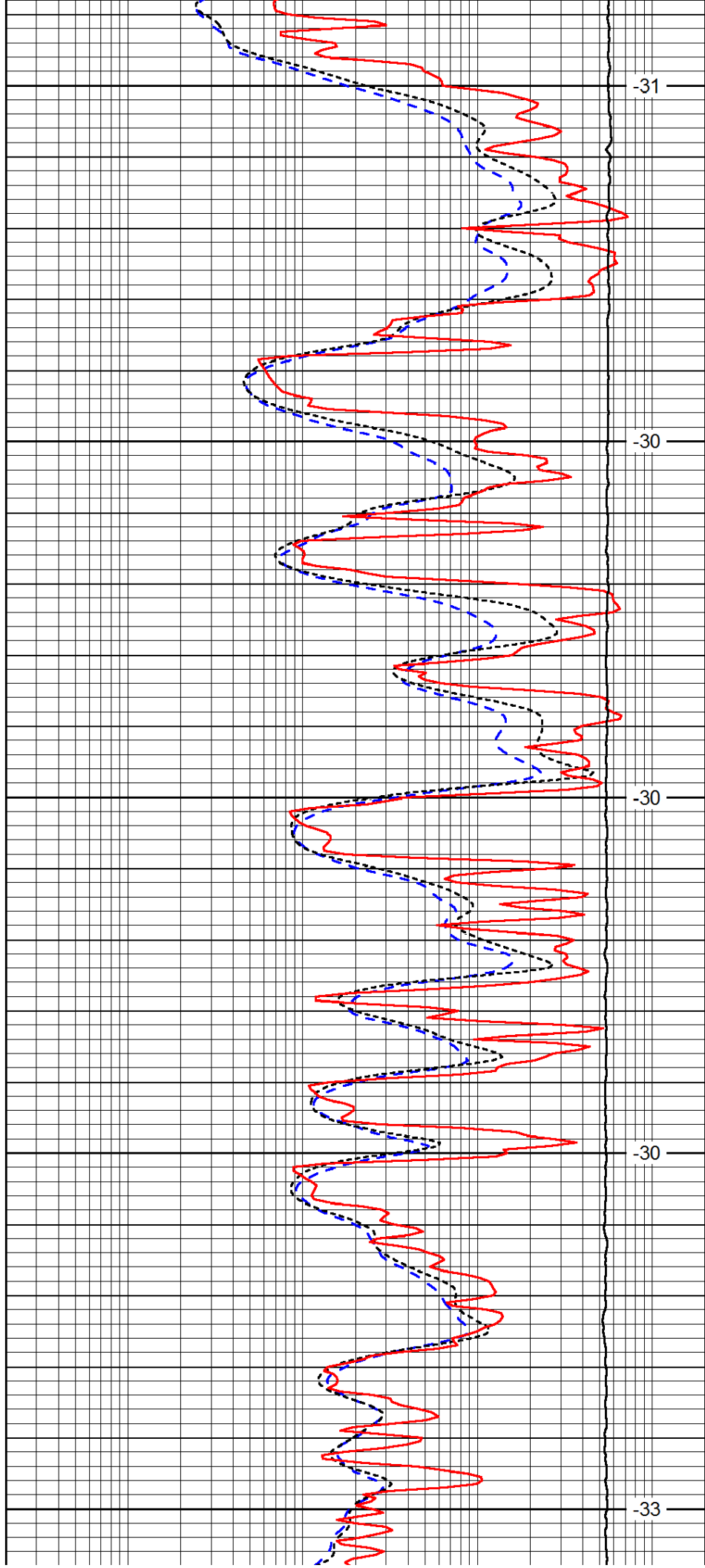
3400

3450

3500

3550

3600



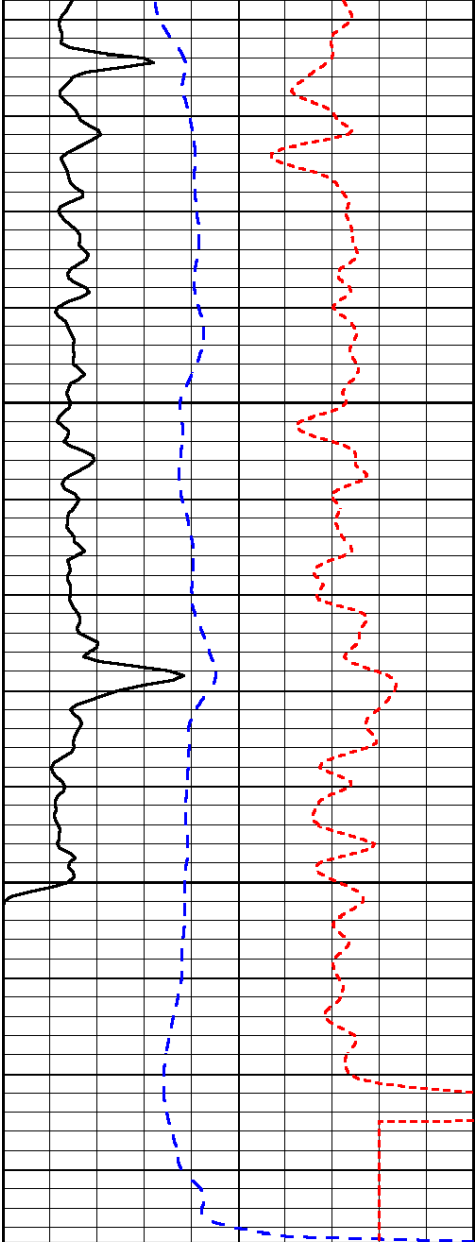
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-30

-30

-30

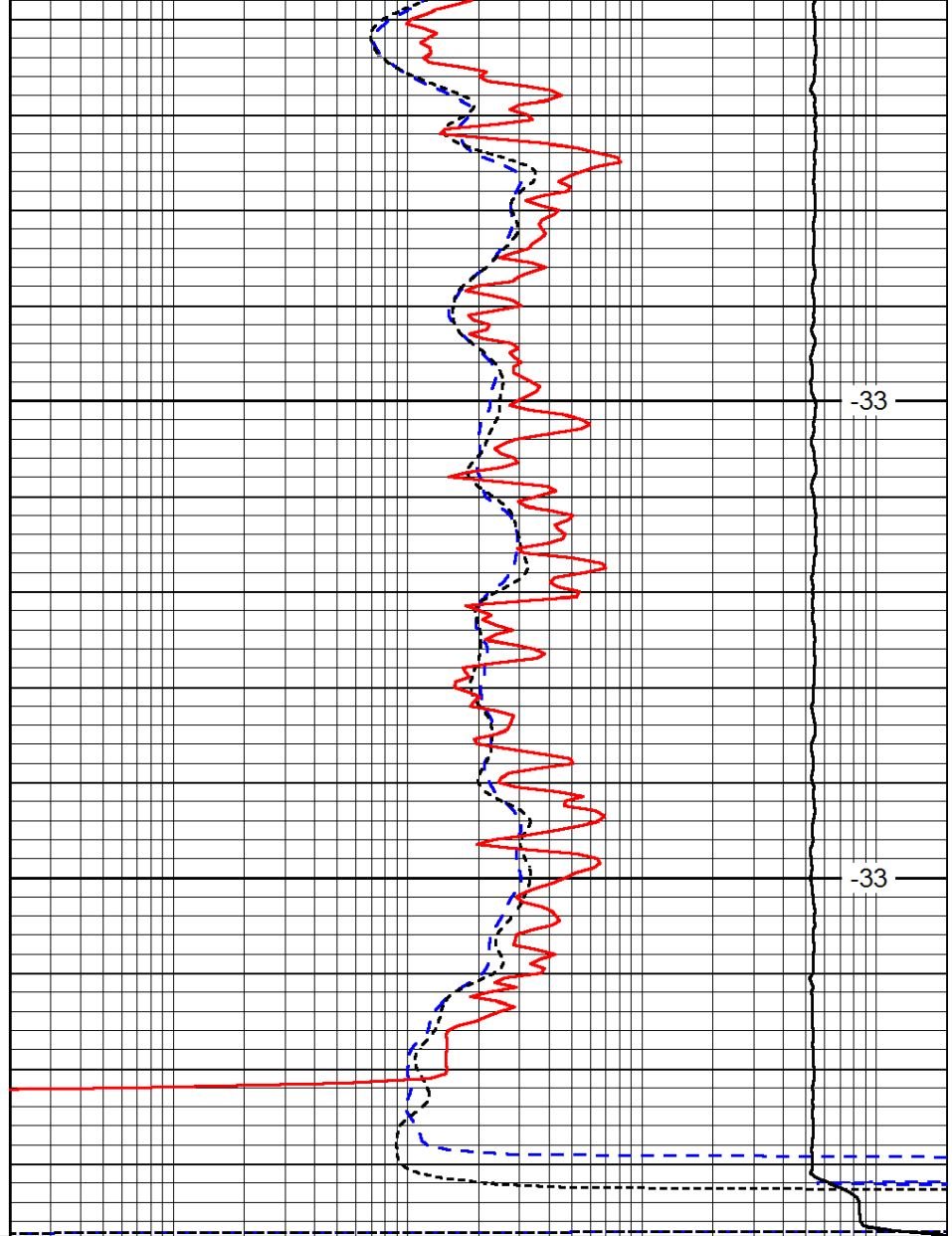
-33



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

3650

3700



0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD