



Pioneer Energy Services

Dual Induction Log

API No.

15-051-26,550-00-00

Company Trans Pacific Oil Corporation

Well Bemis 'A' No. 1-3

Field Bemis-Shutts

County Ellis State

Kansas

Location SW-SW-NE-NW
1090' FNL & 1350' FWL

Other Services
CNL/CDL
MEL

Sec: 3 Twp: 11S Rge: 18W

Permanent Datum Ground Level Elevation 2010
Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 2017
D.F.
G.L. 2010

Date 7/16/2013

Run Number

One

Depth Driller

3582

Depth Logger

3582

Bottom Logged Interval

3581

Top Log Interval

200

Casing Driller

8.625 @ 221

Casing Logger

220

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

2,000

Density / Viscosity

9.1 55

pH / Fluid Loss

10.5 7.8

Source of Sample

Flowline

Rm @ Meas. Temp

.26 @ 80

Rmf @ Meas. Temp

.20 @ 80

Rmc @ Meas. Temp

.35 @ 80

Source of Rmf / Rmc

Charts

Rm @ BHT

.19 @ 112

Operating Rig Time

5 Hours

Max Rec. Temp. F

112

Equipment Number

15

Location

Hays

Recorded By

J. Henrickson

Witnessed By

D. Kerr

Bryce Bidleman

<<< 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

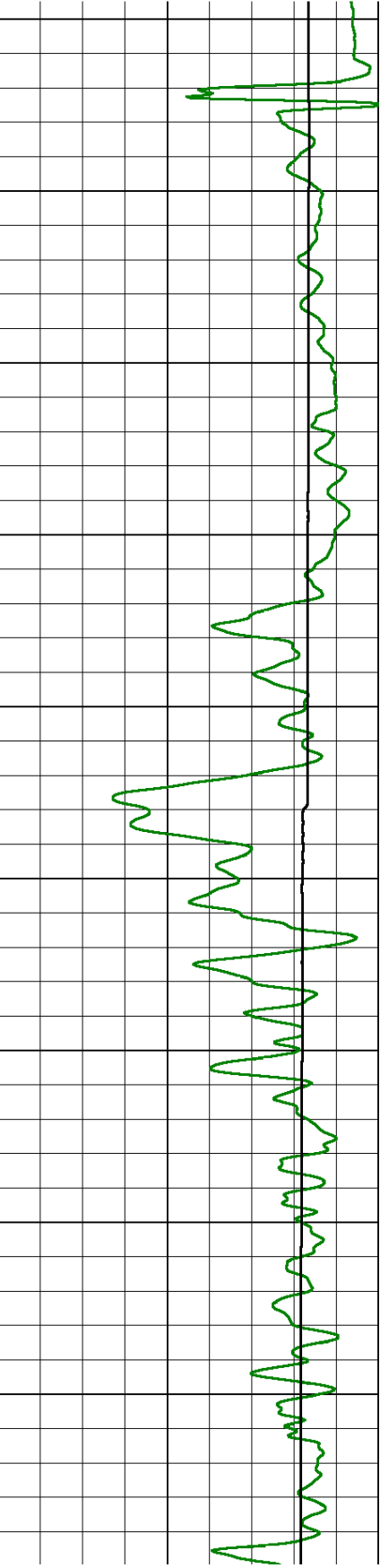
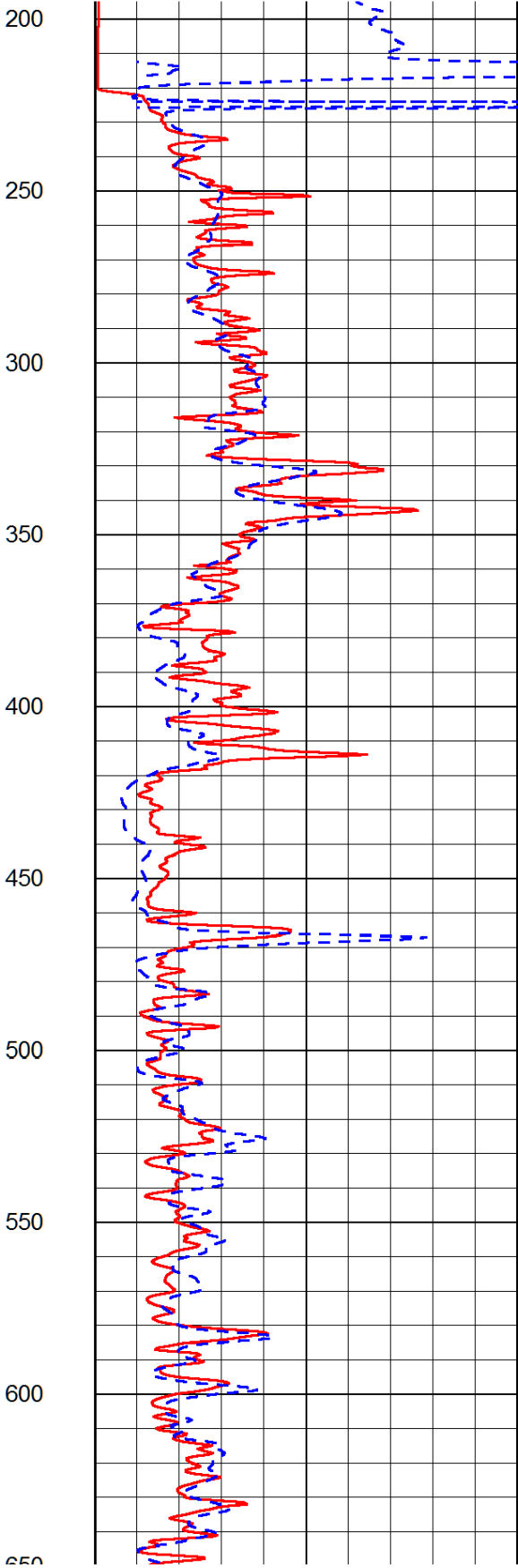
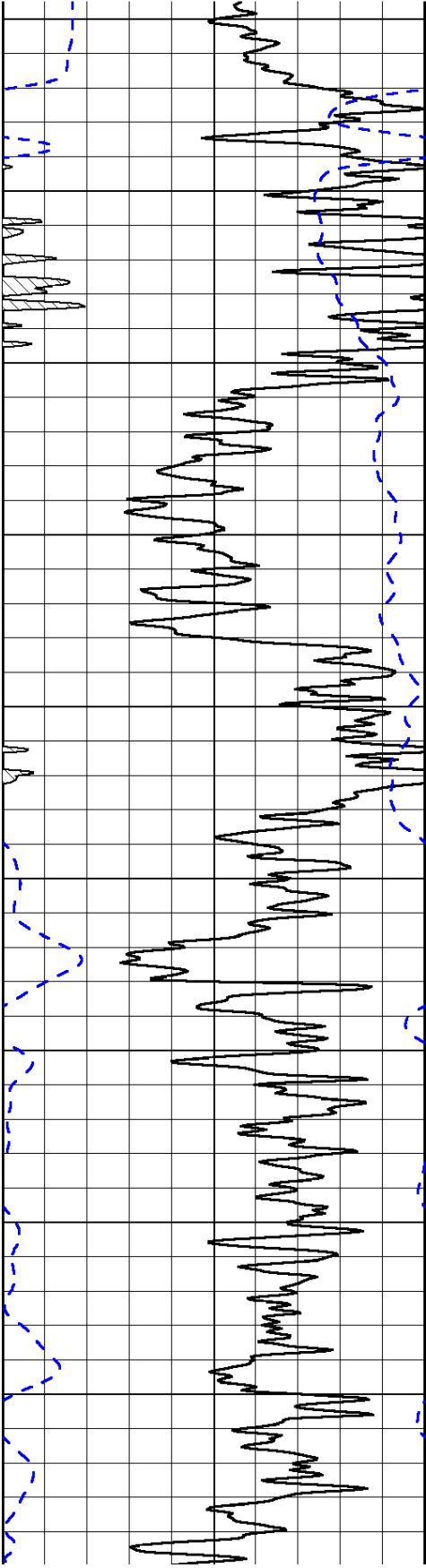
Thank you for using Log-Tech, Inc.
(785) 625-3858

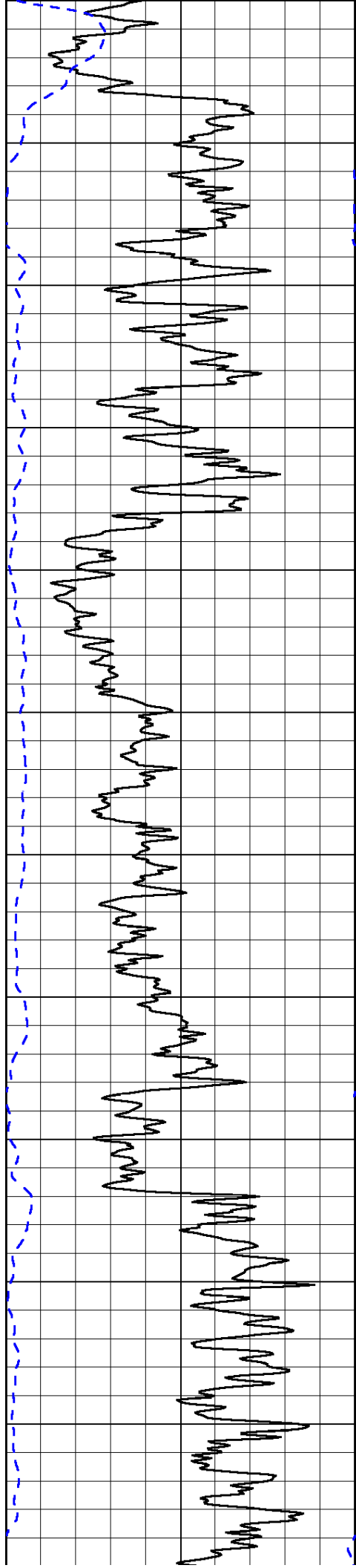
Hays Kansas
North to County Line, West Into

Database File: transpac_bemis_a_1_3hd.db
Dataset Pathname: DIL/transstk
Presentation Format: dil2in
Dataset Creation: Wed Jul 17 06:24:58 2013
Charted by: Depth in Feet scaled 1:600

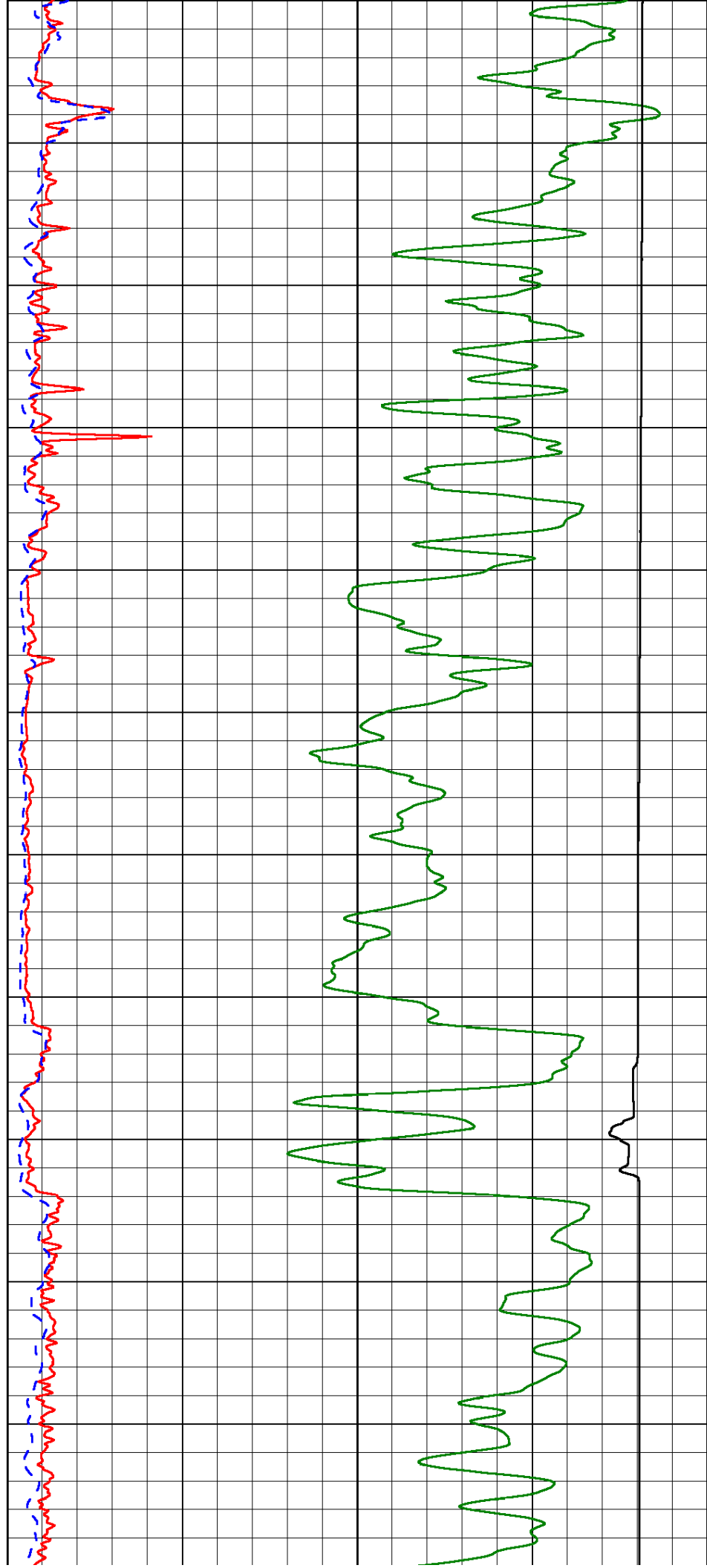
0	Gamma Ray (GAPI)	150
-200	SP (mV)	0

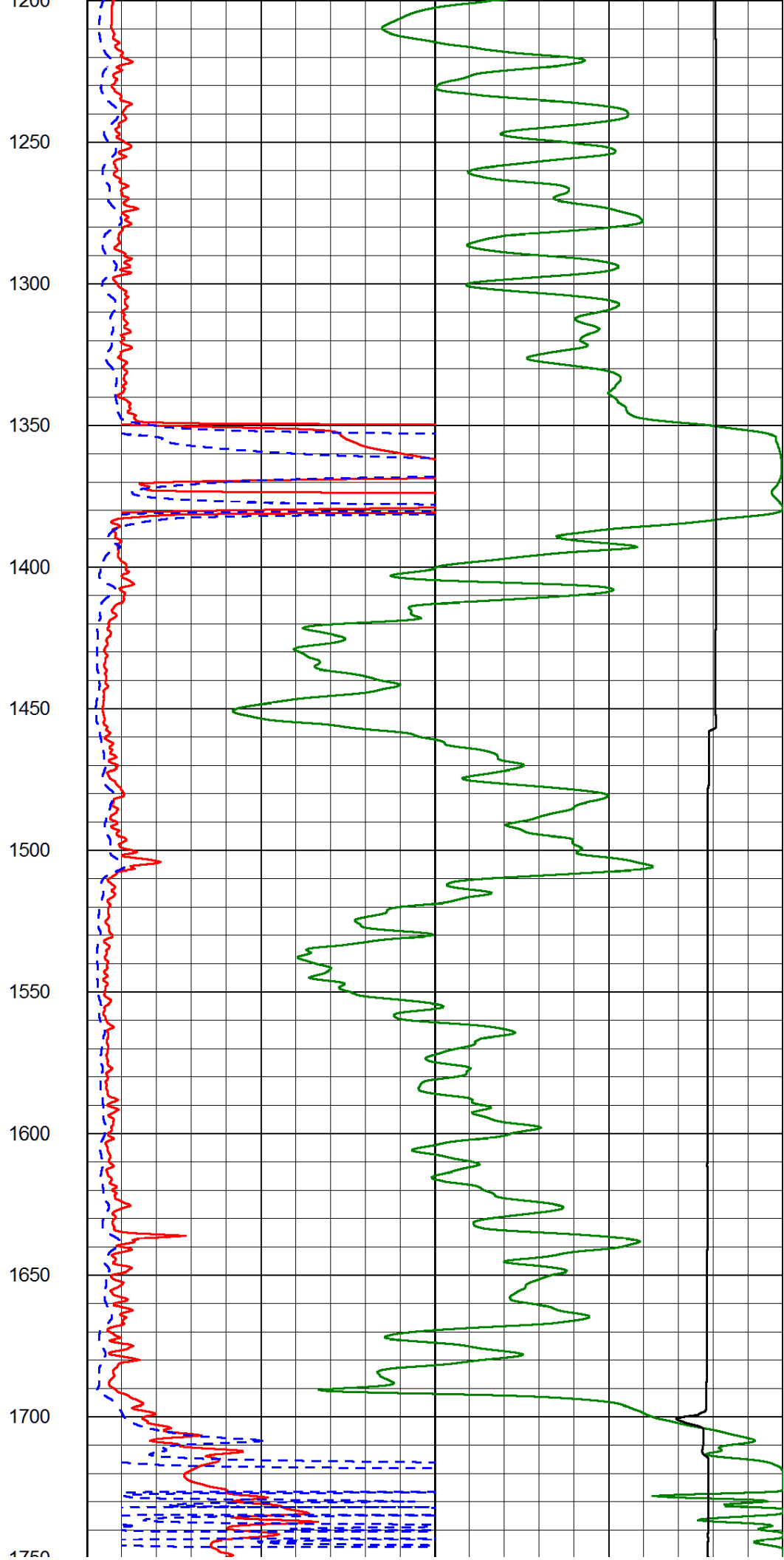
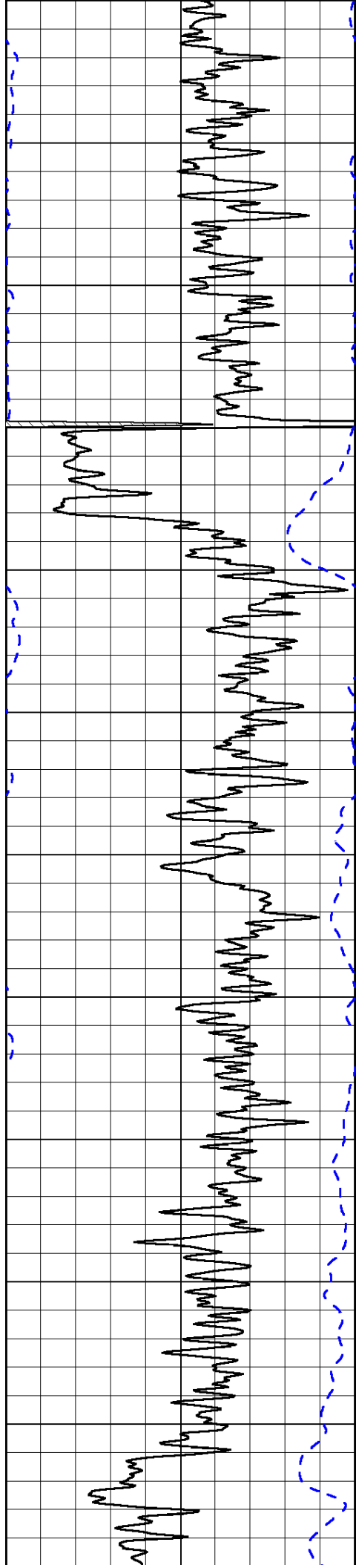
0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (Ohm-m)	0
15000	Line Tension (lb)	0
	Shallow Resistivity	
50	(Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500

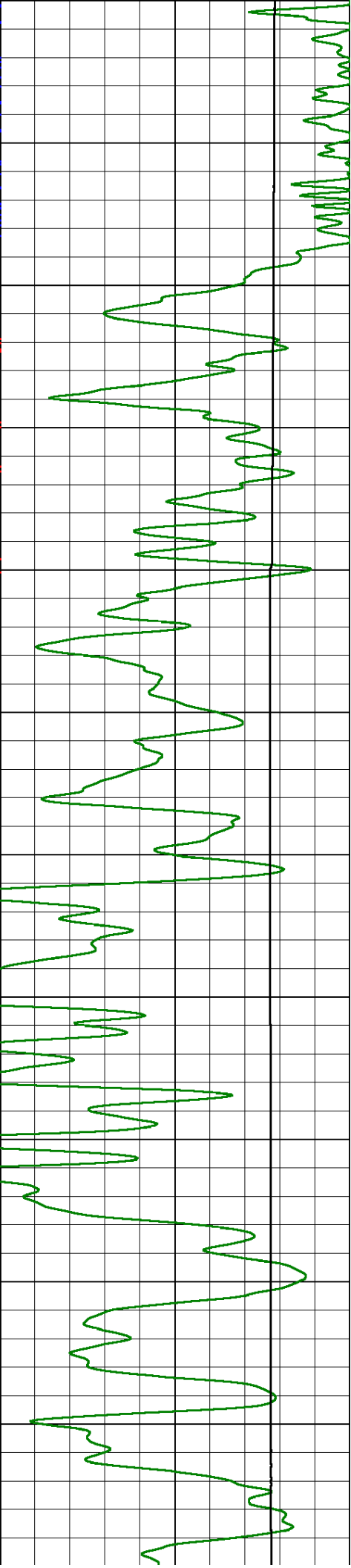
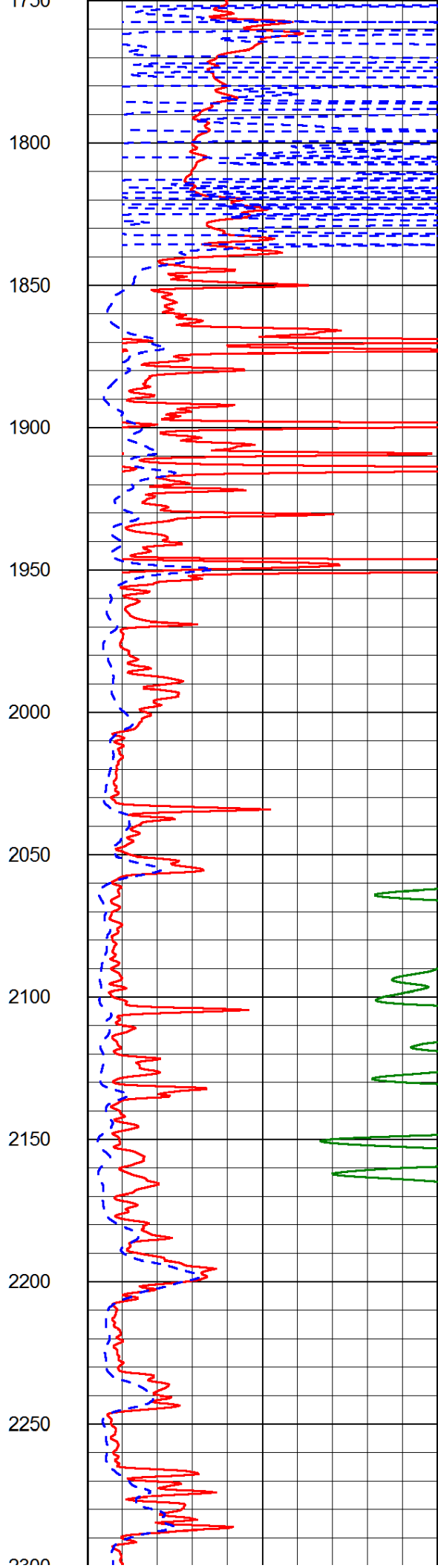
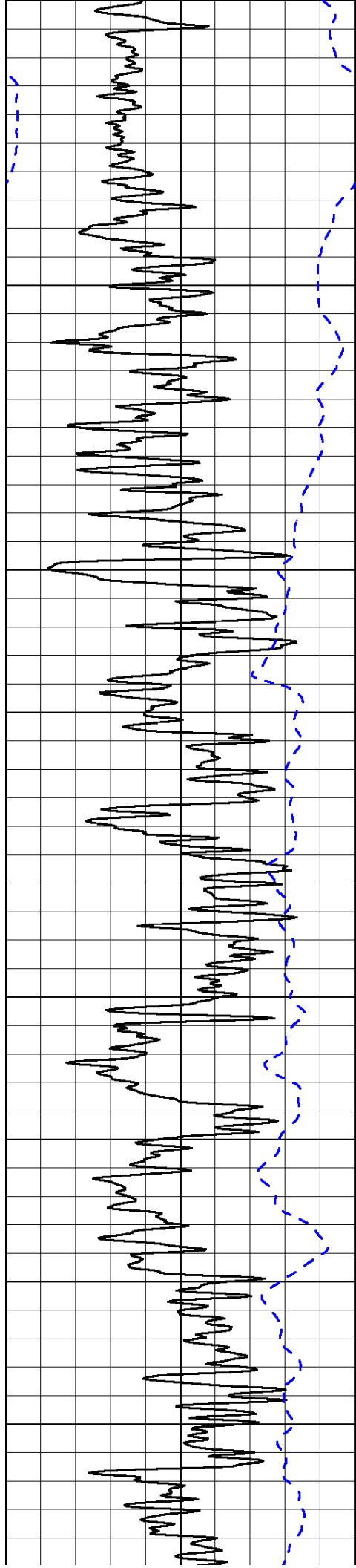


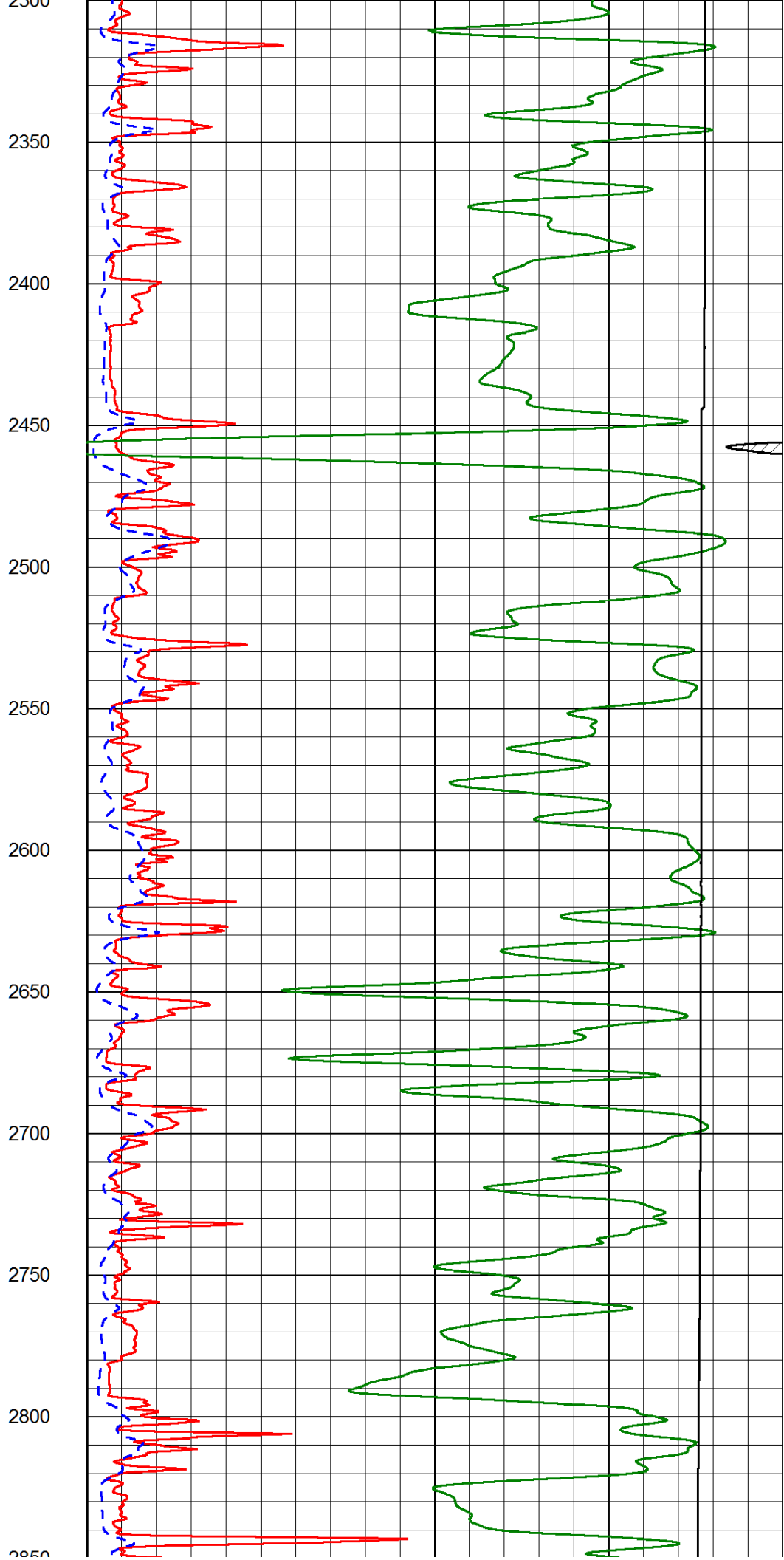
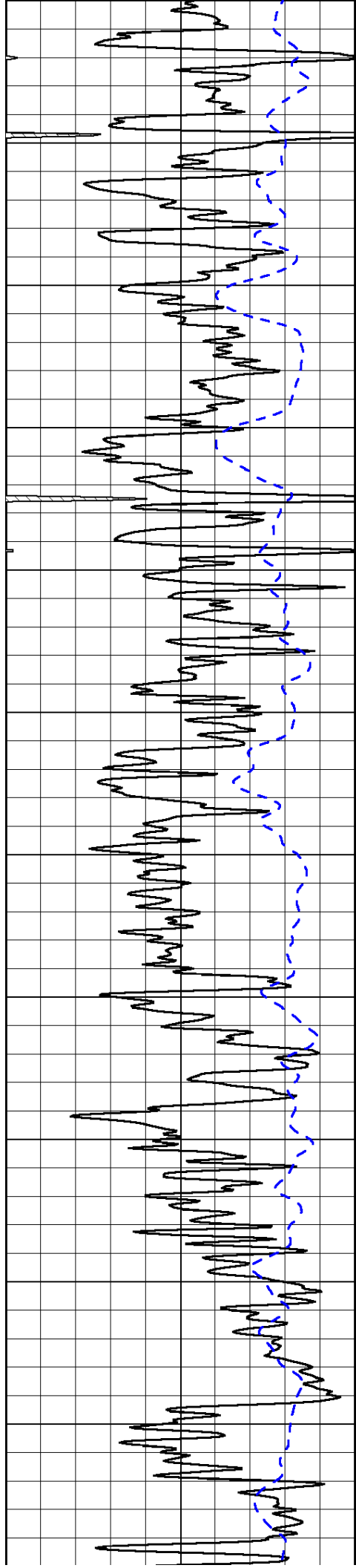


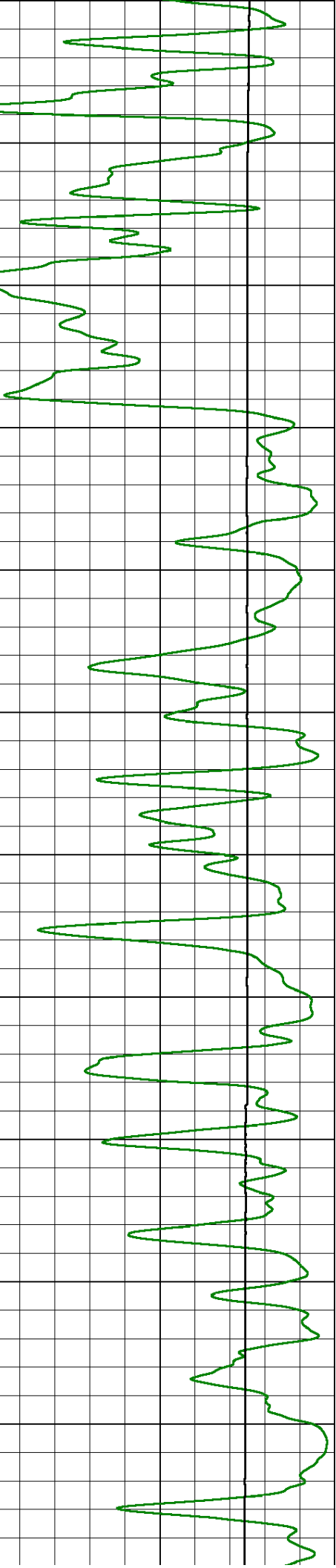
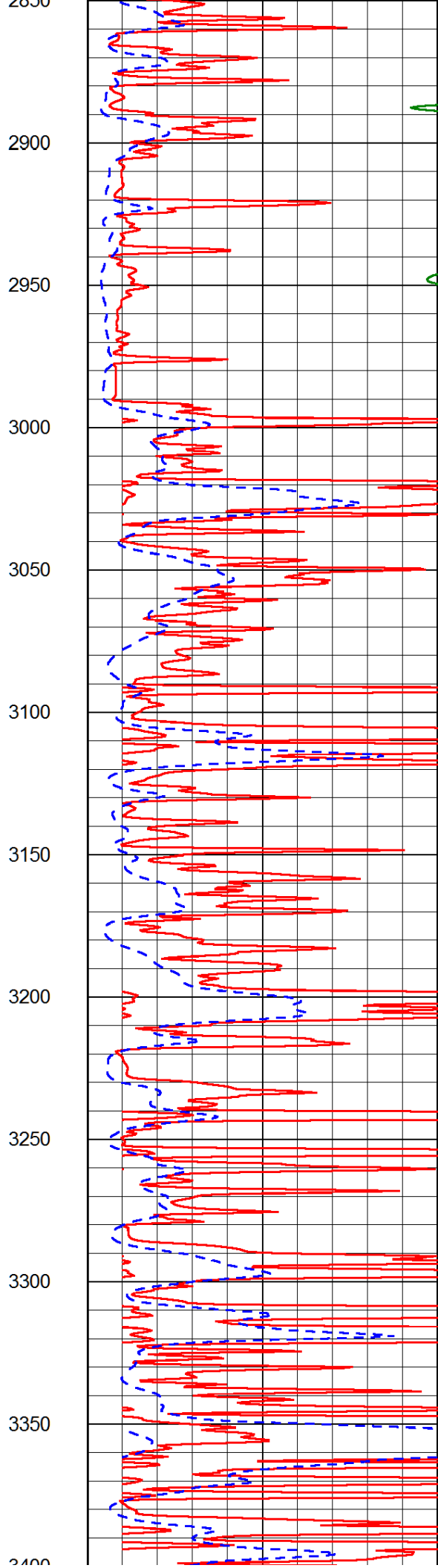
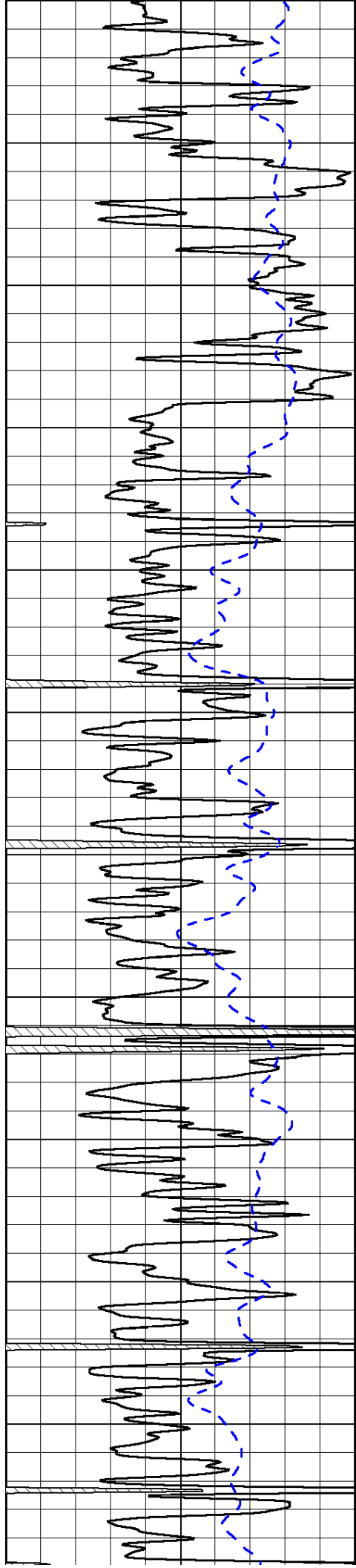
650
700
750
800
850
900
950
1000
1050
1100
1150
1200

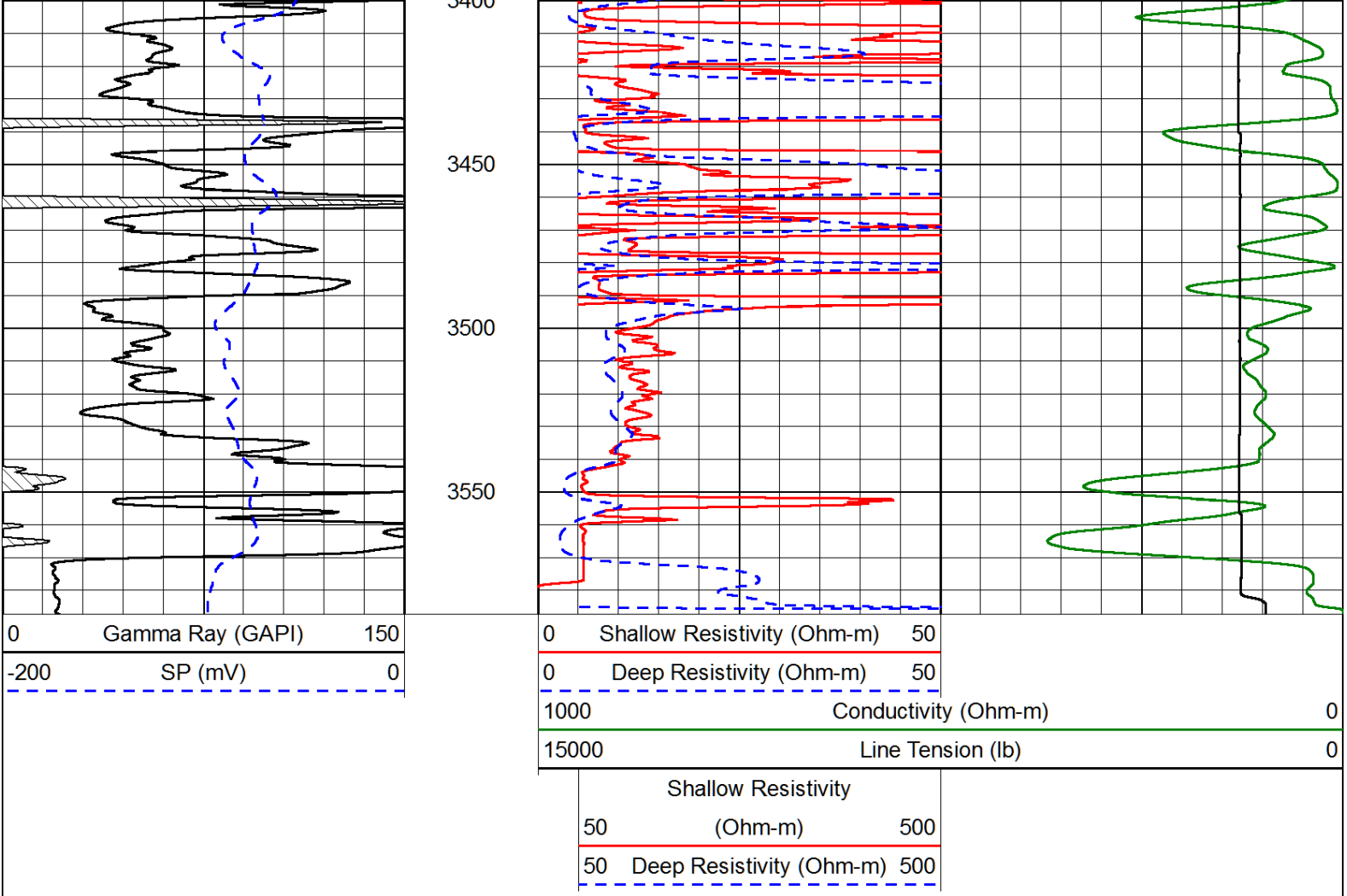










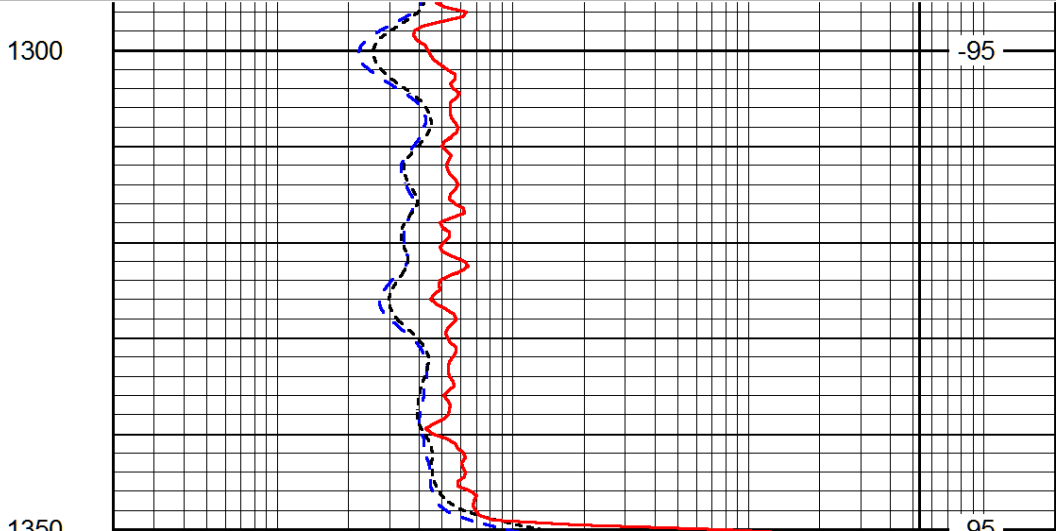
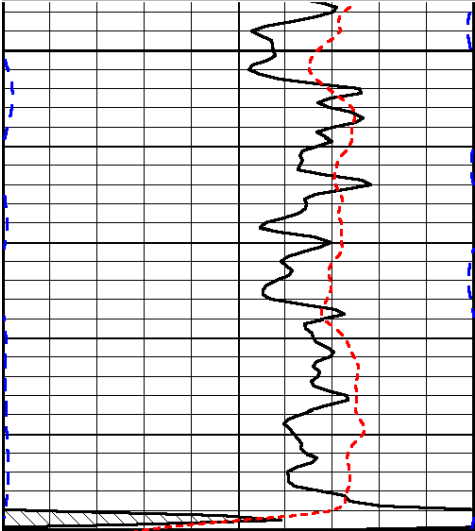


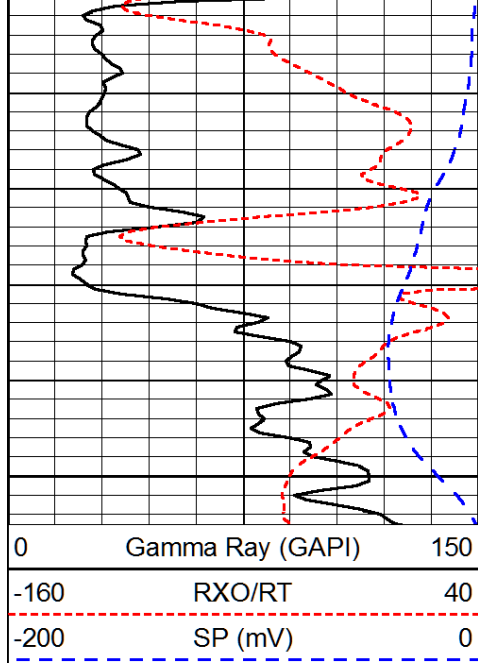
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Dataset Pathname:	DIL/transstk
Presentation Format:	dil
Dataset Creation:	Wed Jul 17 06:24:58 2013
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
-160	RXO/RT	40
-200	SP (mV)	0

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

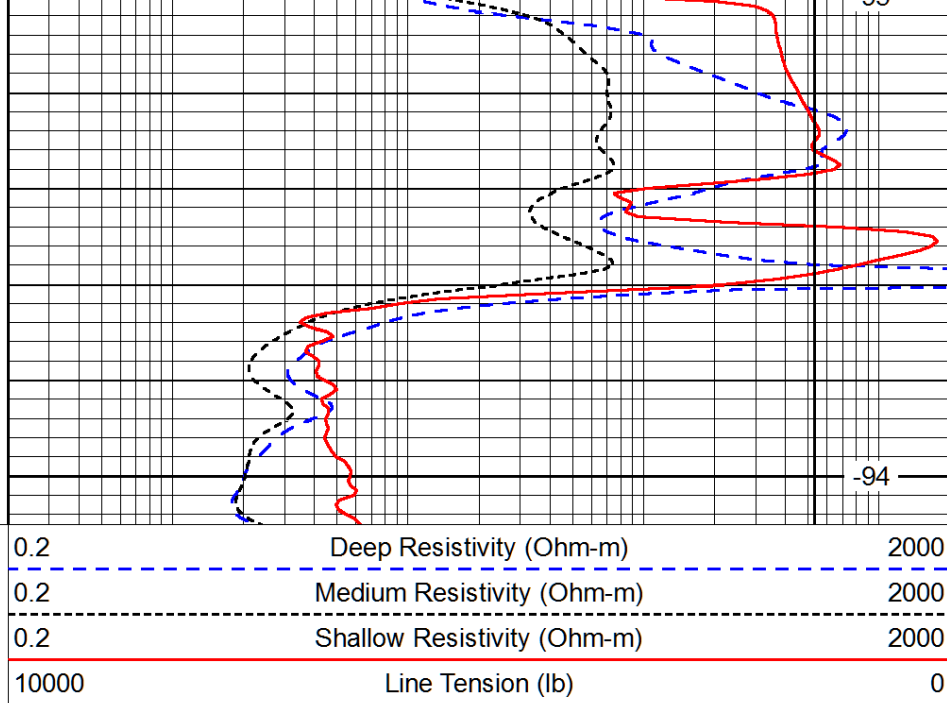
LSPD (ft/min)





1350

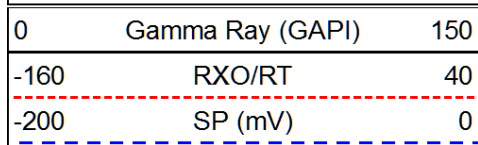
1400



-94

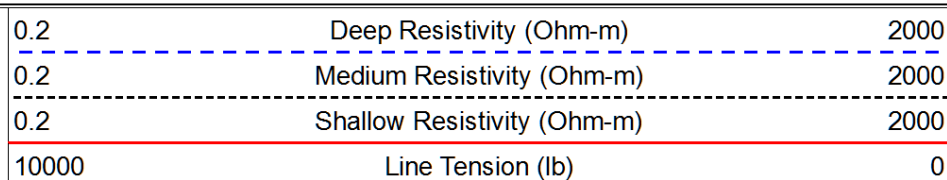
LSPD
(ft/min)

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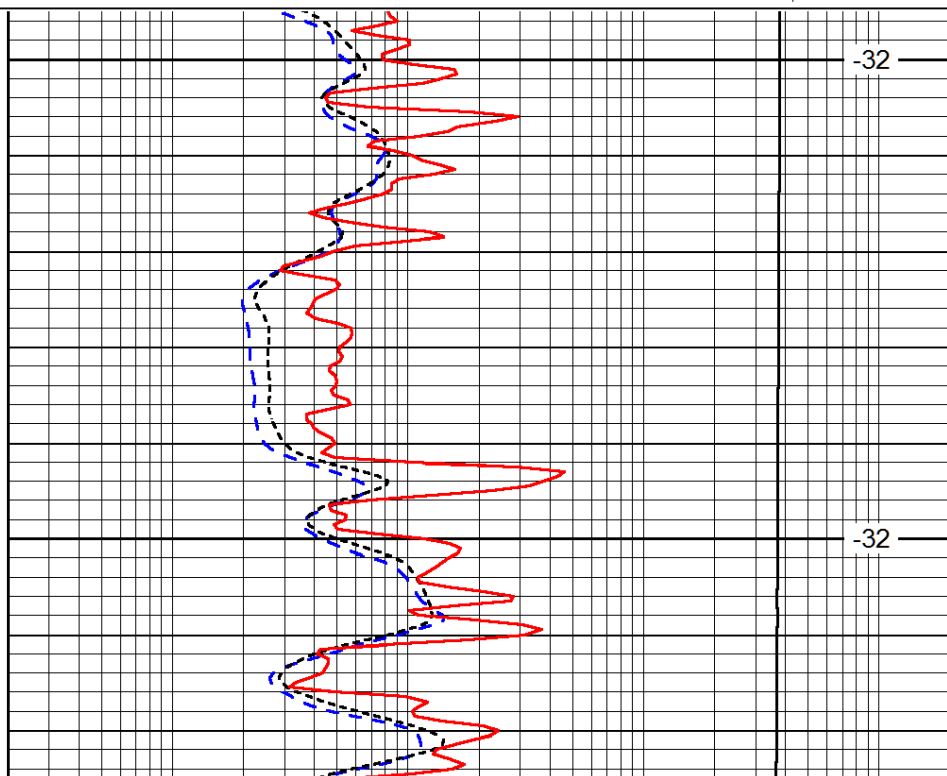
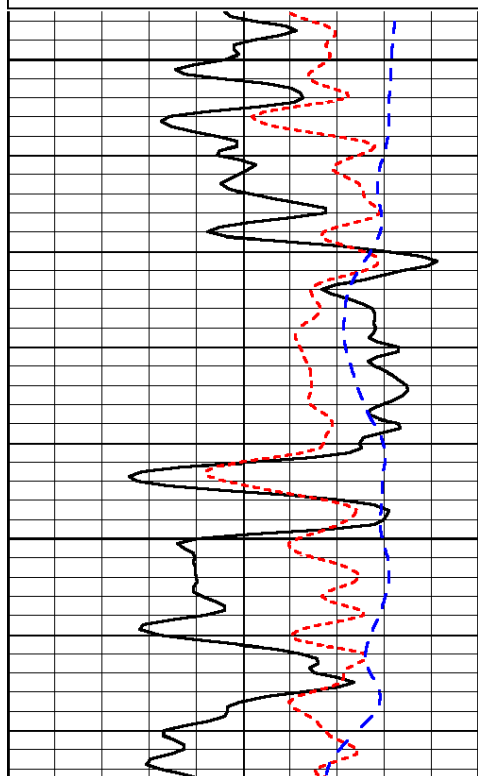


2800

2850

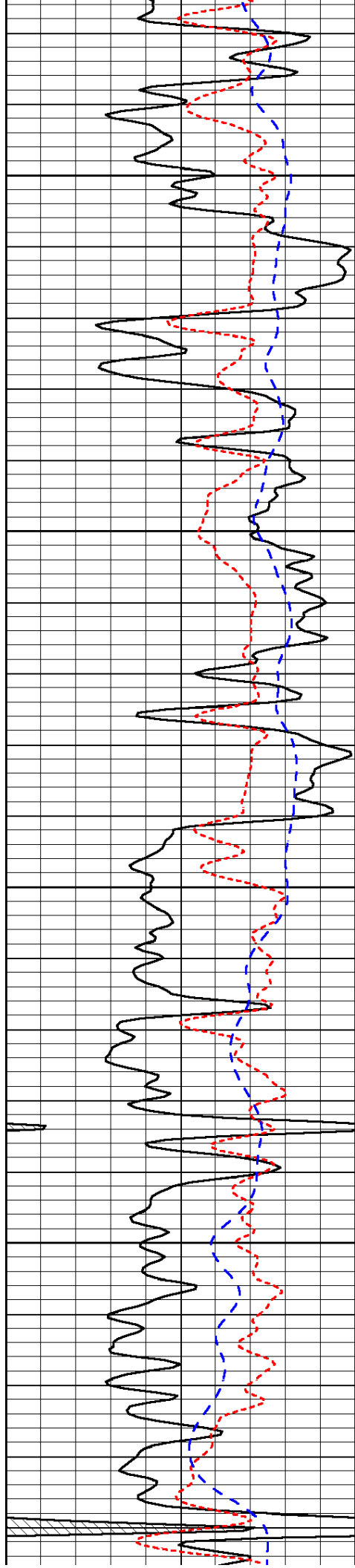


LSPD
(ft/min)



-32

-32

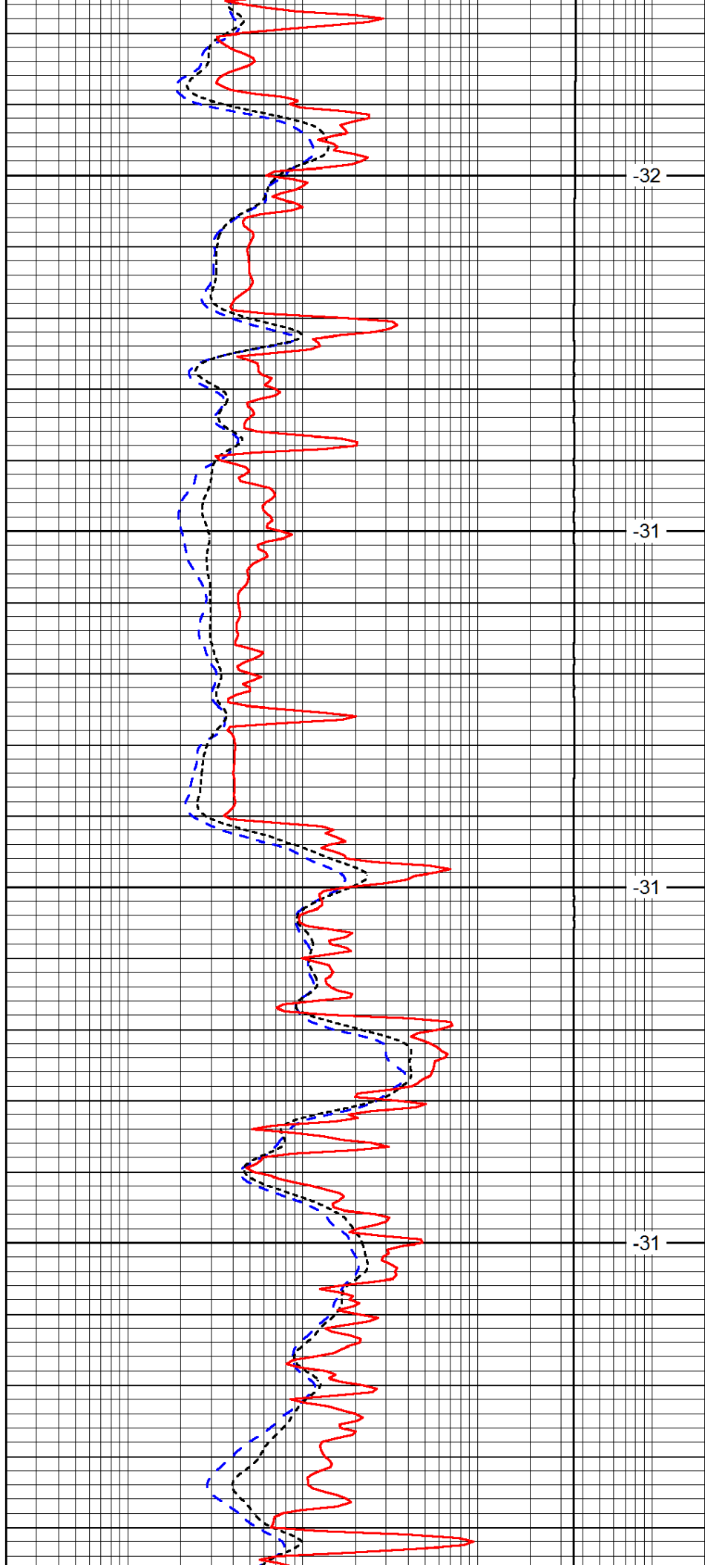


2900

2950

3000

3050

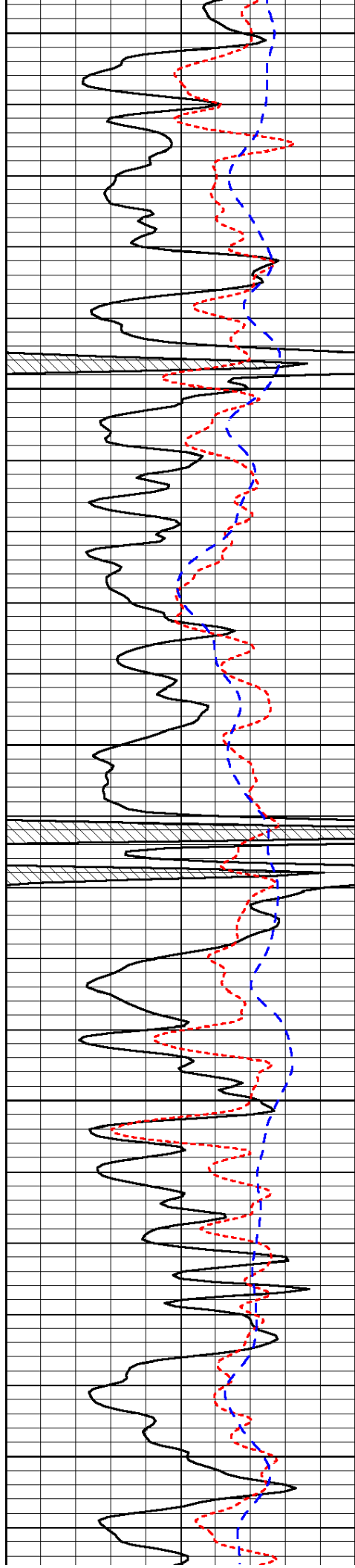


-32

-31

-31

-31



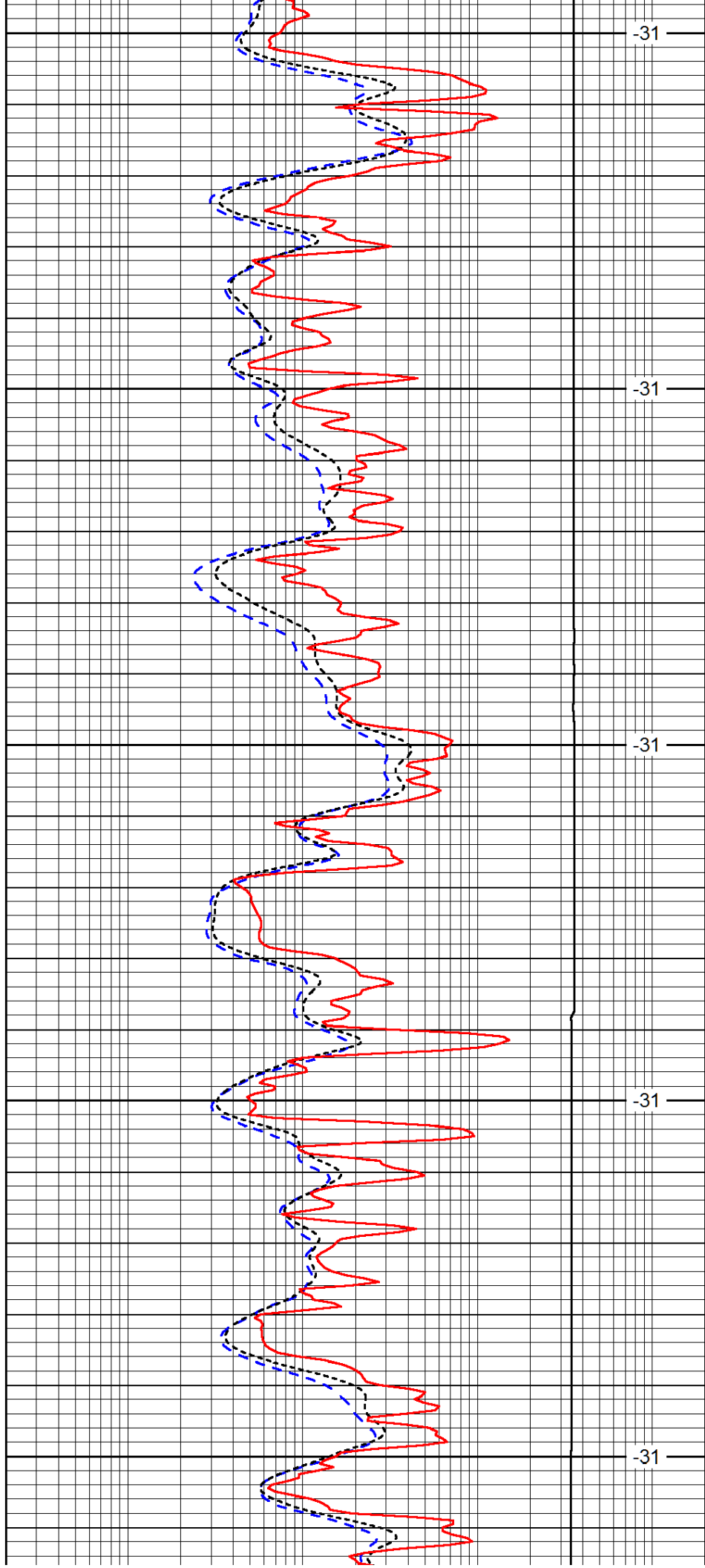
3100

3150

3200

3250

3300



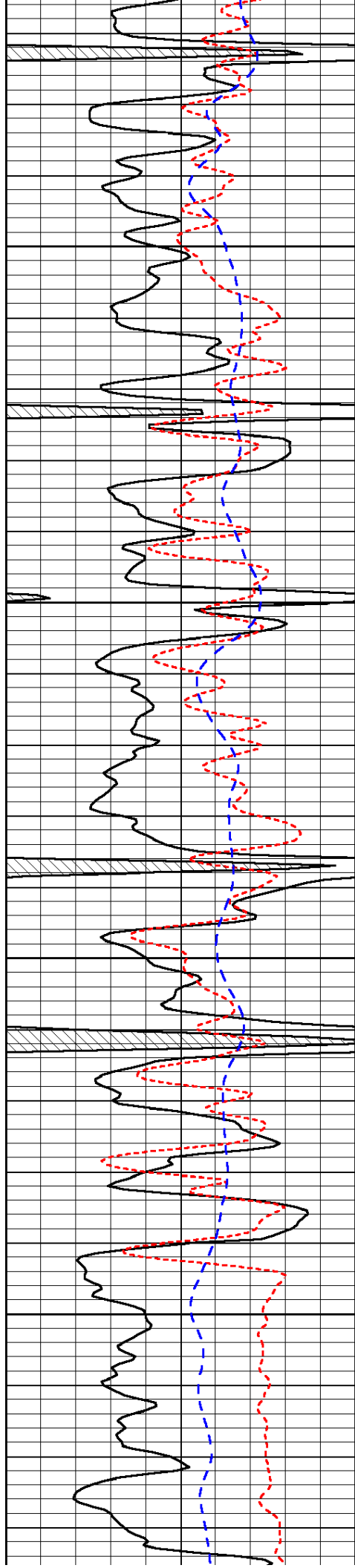
-31

-31

-31

-31

-31

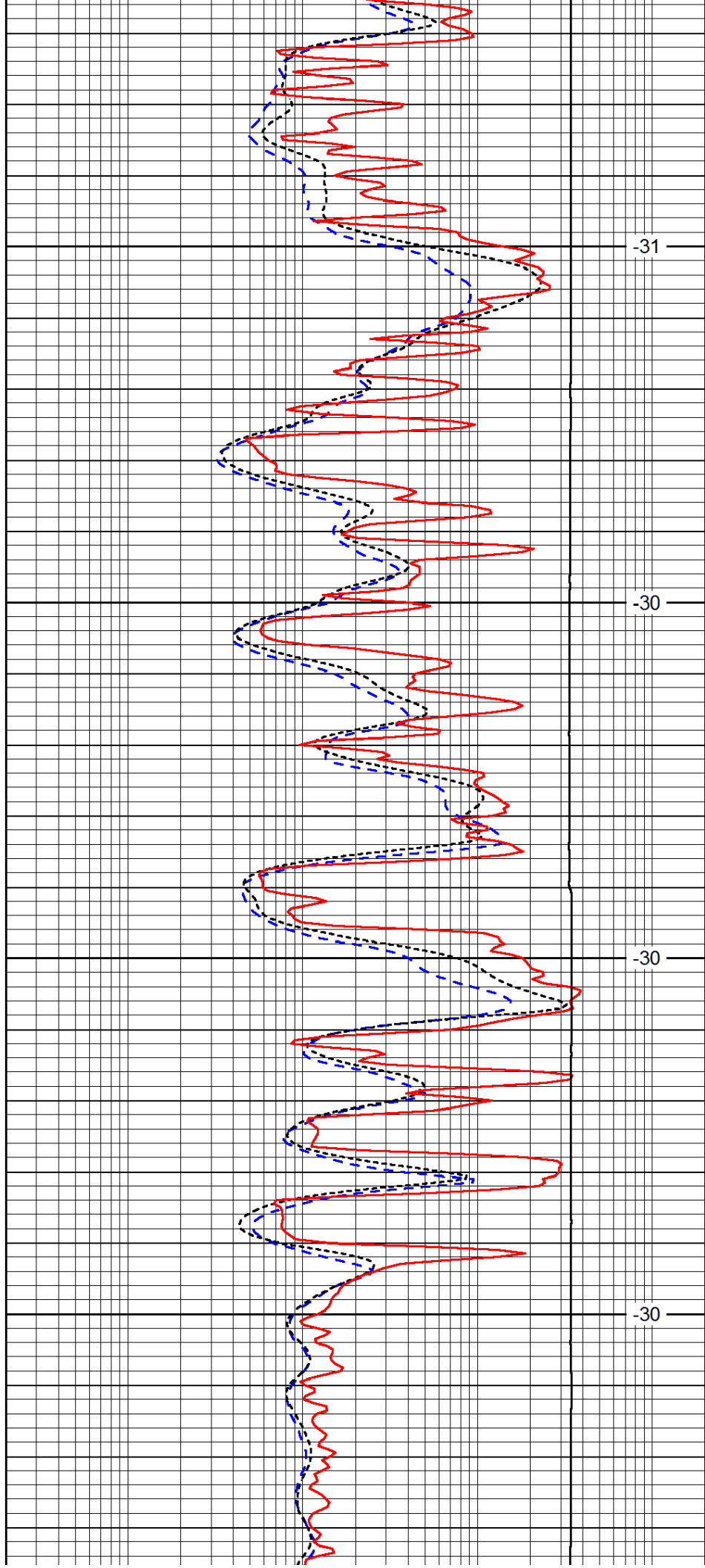


3350

3400

3450

3500

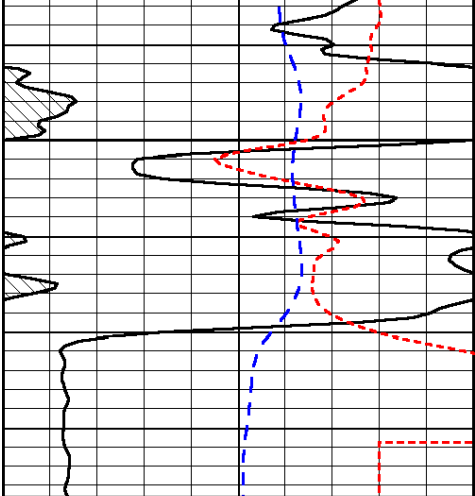


-31

-30

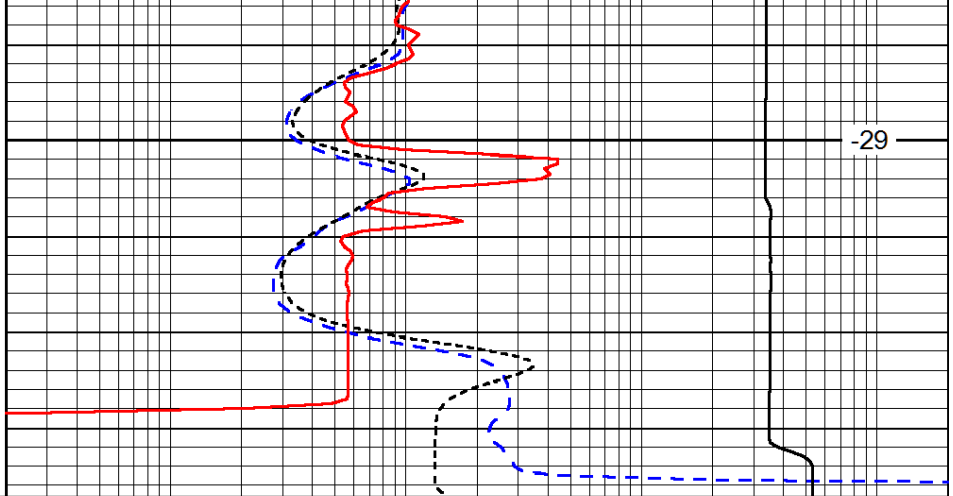
-30

-30



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3550



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LSPD (ft/min)
