



# PIONEER

Pioneer Energy Services

## Borehole Compensated Sonic Log

API No.

15-193-20,937-00-00

Company Val Energy, Inc.

Well Beachner No. 3-7

Field Schroeder Northwest

County Thomas State Kansas

Location 335' FSL & 335' FWL

Sec: 7

Twp: 8s

Rge: 35w

Other Services  
CNL/CDL  
MEL/DIL

Permanent Datum Ground Level Elevation 3283

Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum

K.B. 3293  
D.F.  
G.L. 3283

Date 11/19/2014

Run Number Two

Type Log BHC Sonic

Depth Driller 4825

Depth Logger 4834

Bottom Logged Interval 4823

Top Logged Interval 200

Type Fluid In Hole Chemical

Salinity, PPM CL 6200

Density 9.4

Level Full

Max. Rec. Temp. F 124

Operating Rig Time 5 Hours

Equipment -- Location 108 Hays

Recorded By D. Fischer

Witnessed By John Goldsmith

Borehole Record

Casing Record

Run No

Bit

From

To

Size

Wgt.

From

To

One 12.25

00

233

TD

8.625

23#

00

233

Two 7.875

233

TD

<<< 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.

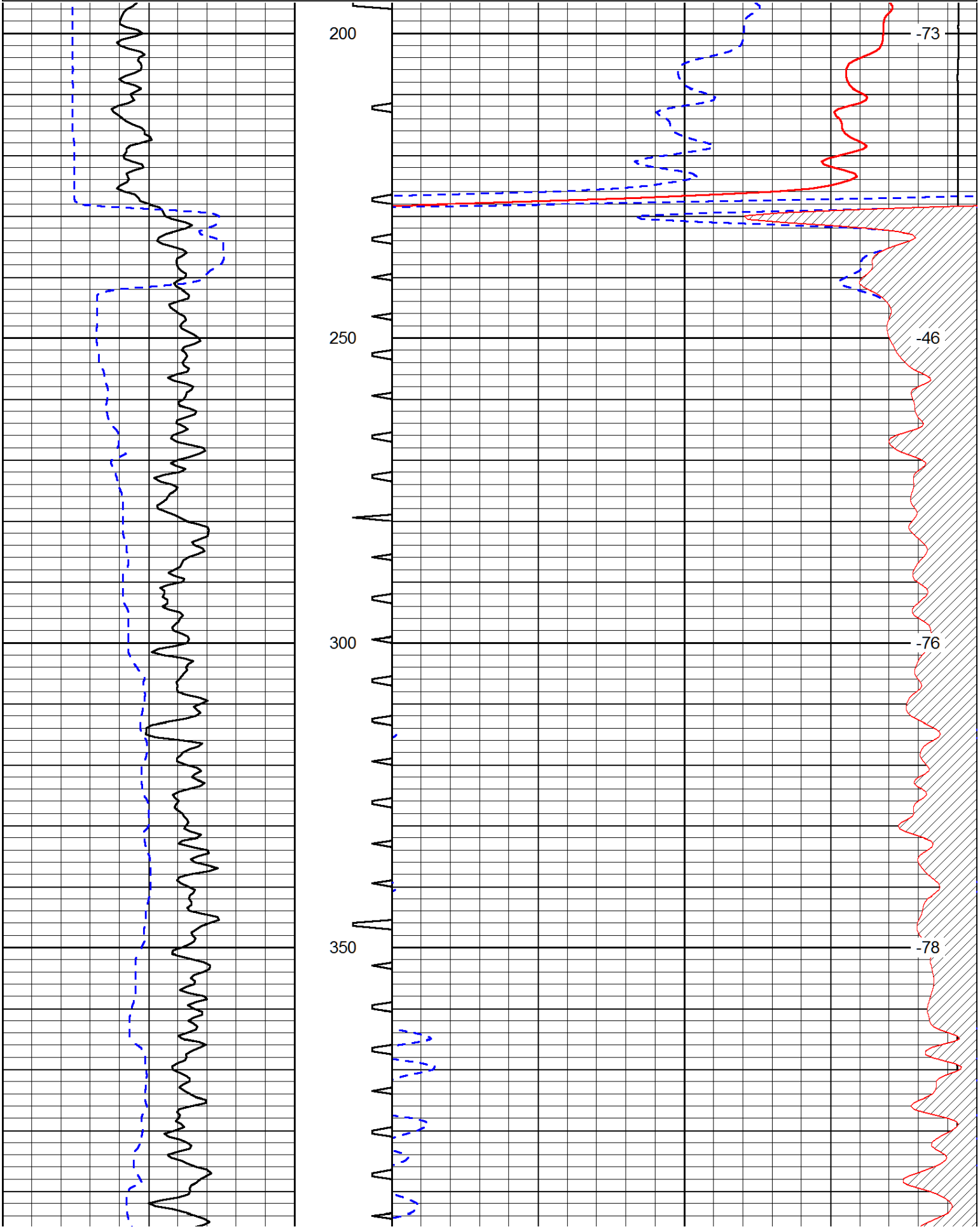
### Comments

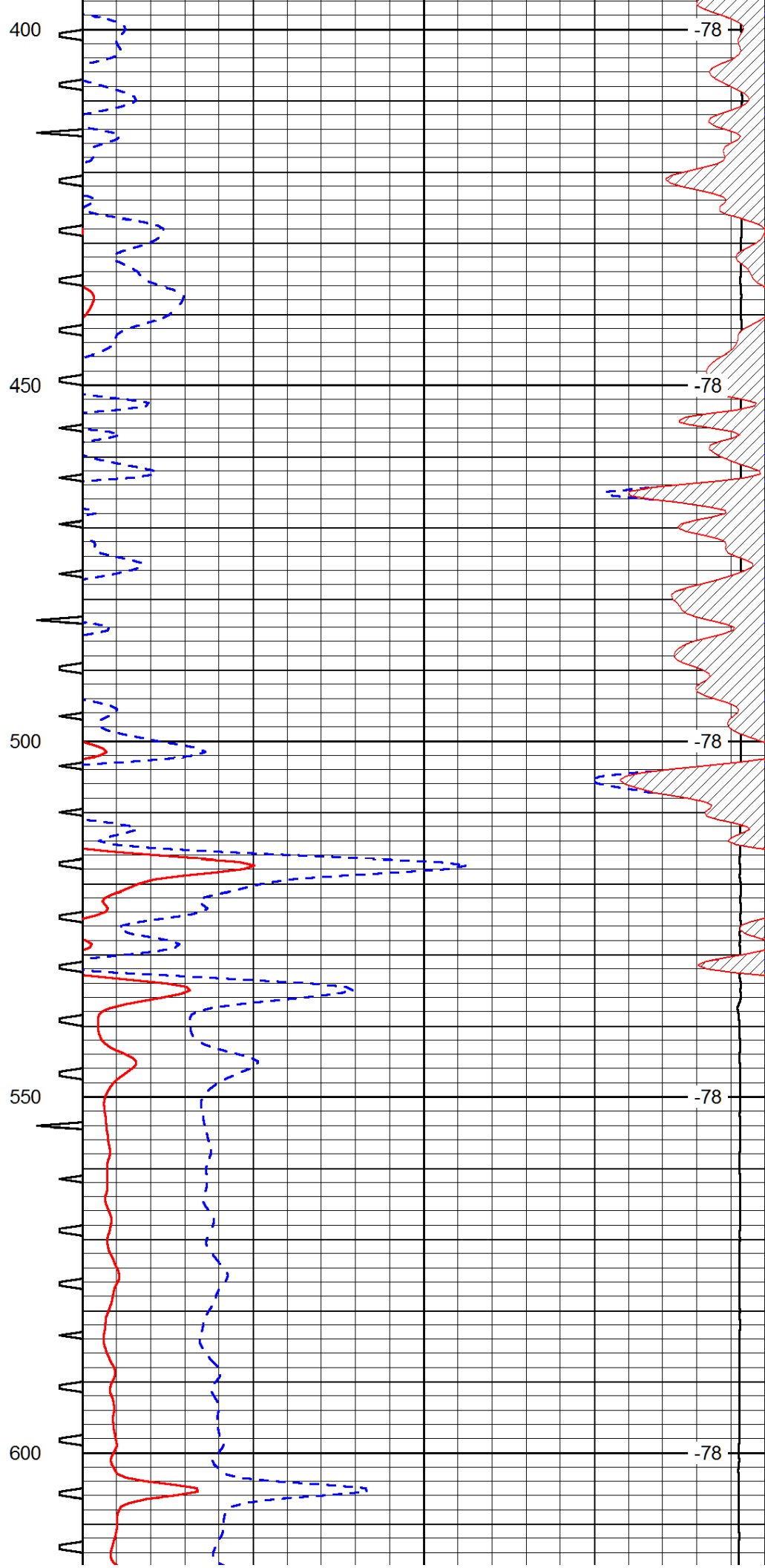
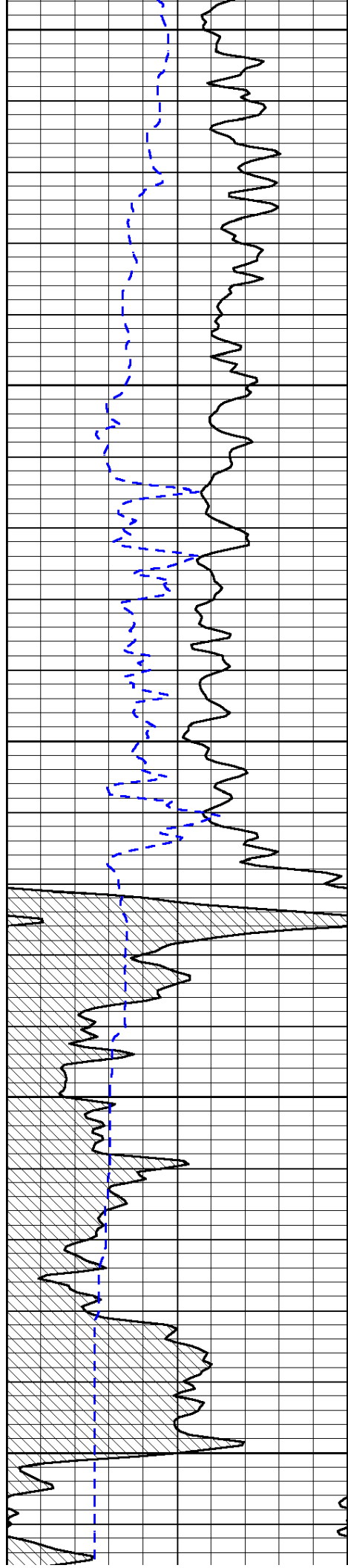
Thank you for using Log-Tech, Inc.  
(785) 625-3858

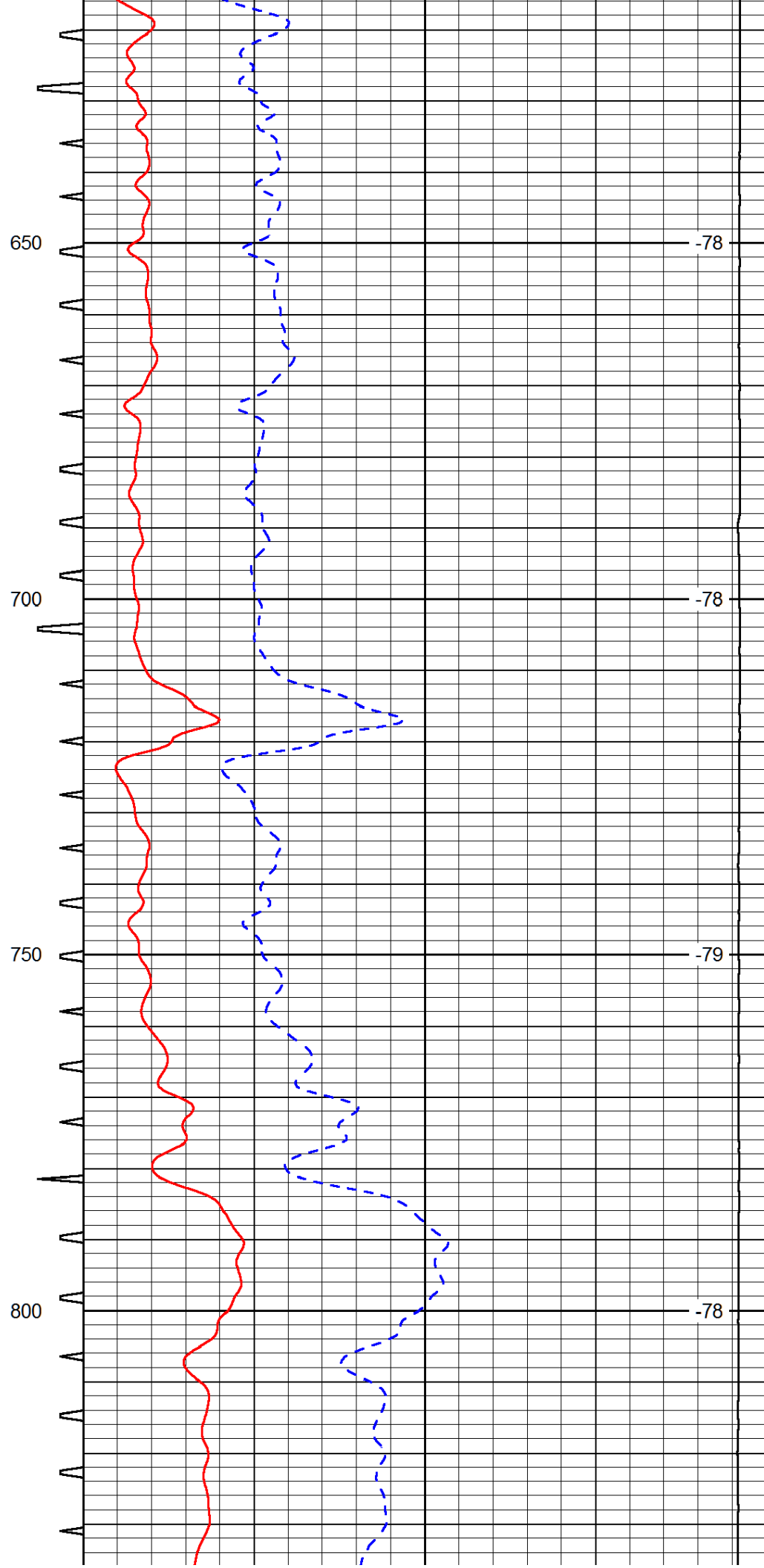
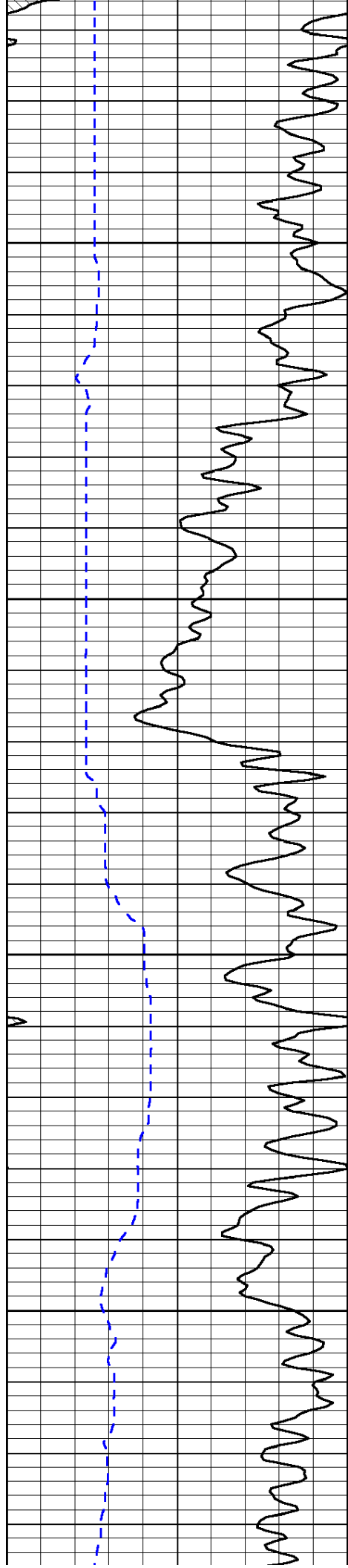
Levant I-70 Exit, 1/2 North, 4 West, North Into.

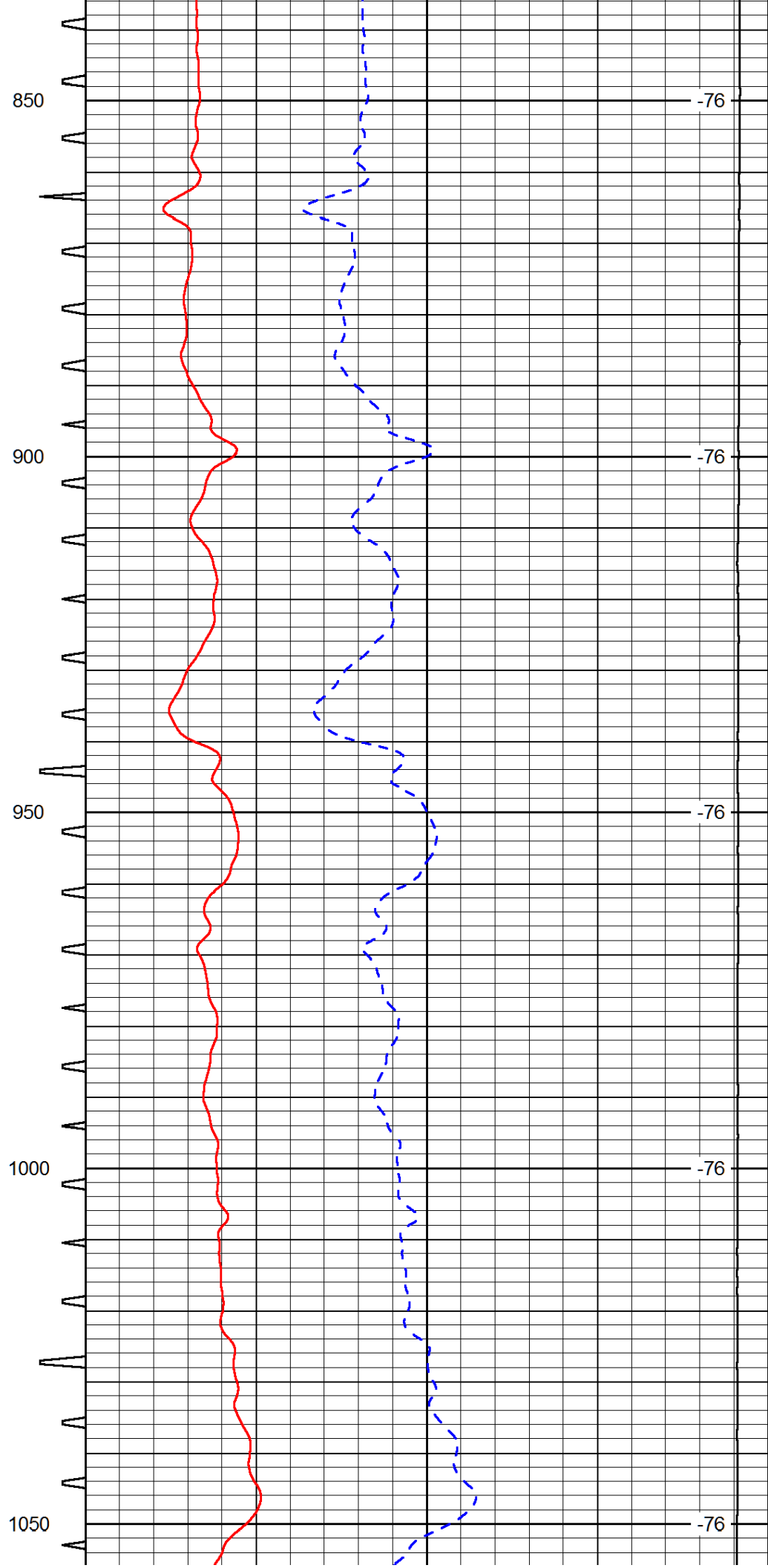
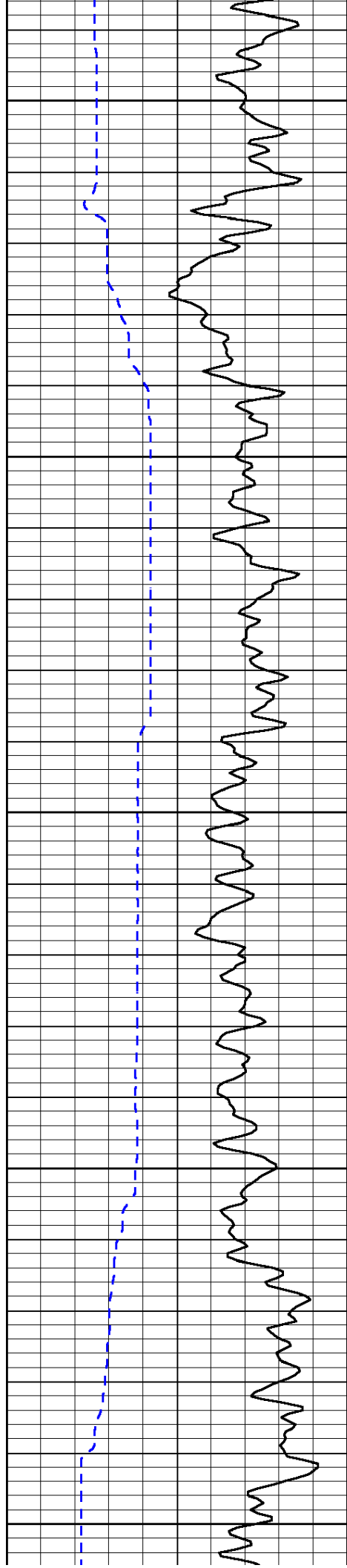
Database File: val\_energy\_beachner\_3-7hd.db  
Dataset Pathname: DIL/valstck  
Presentation Format: sonic  
Dataset Creation: Wed Nov 19 09:28:31 2014  
Charted by: Depth in Feet scaled 1:240

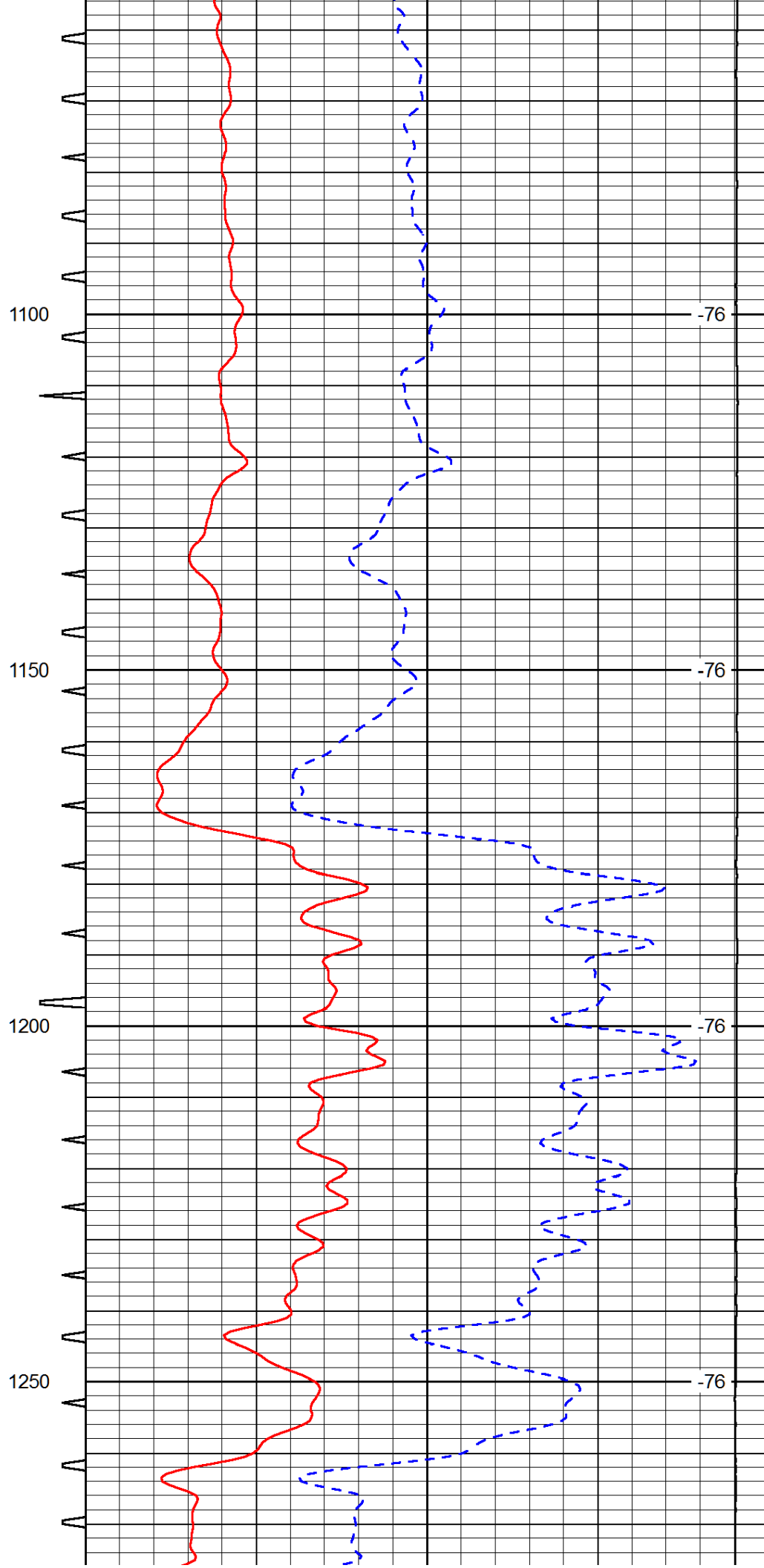
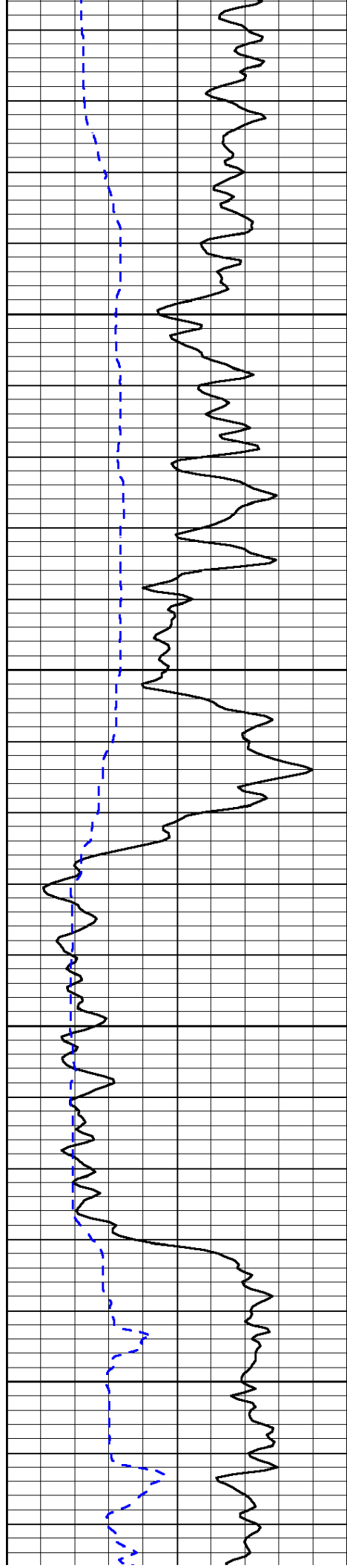
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|-----|-------------|-----|-----------|-------|----------------------|------|
| 0   | Gamma Ray   | 150 | Sonic Int | 140   | Delta Time (usec/ft) | 40   |
| 150 | Gamma Ray   | 300 | 5         | 0     | Sonic Porosity       | -10  |
| 6   | dCAL (GAPI) | 16  |           | 15000 | LTEN (lb)            | 0    |
|     |             |     |           |       |                      | LSPD |

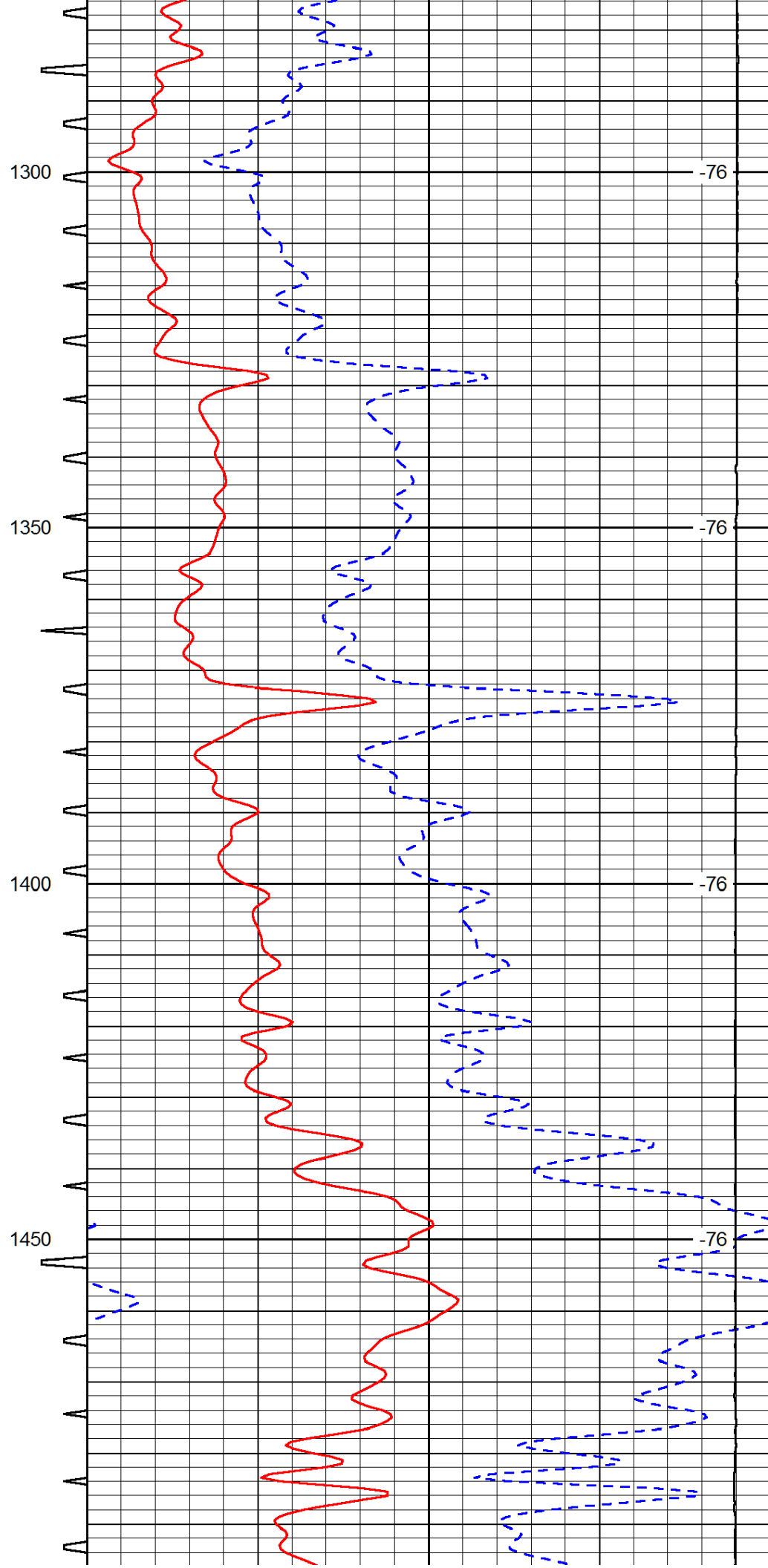
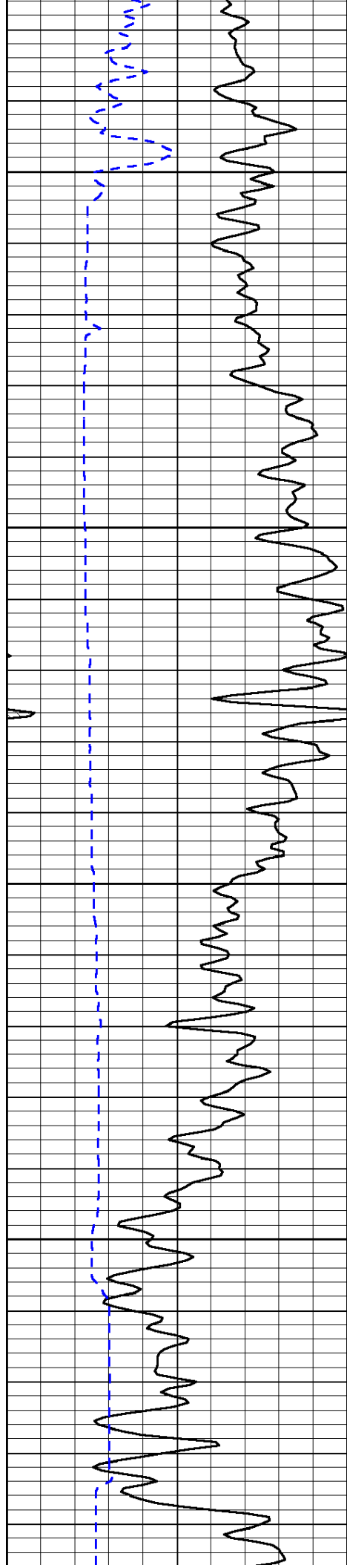


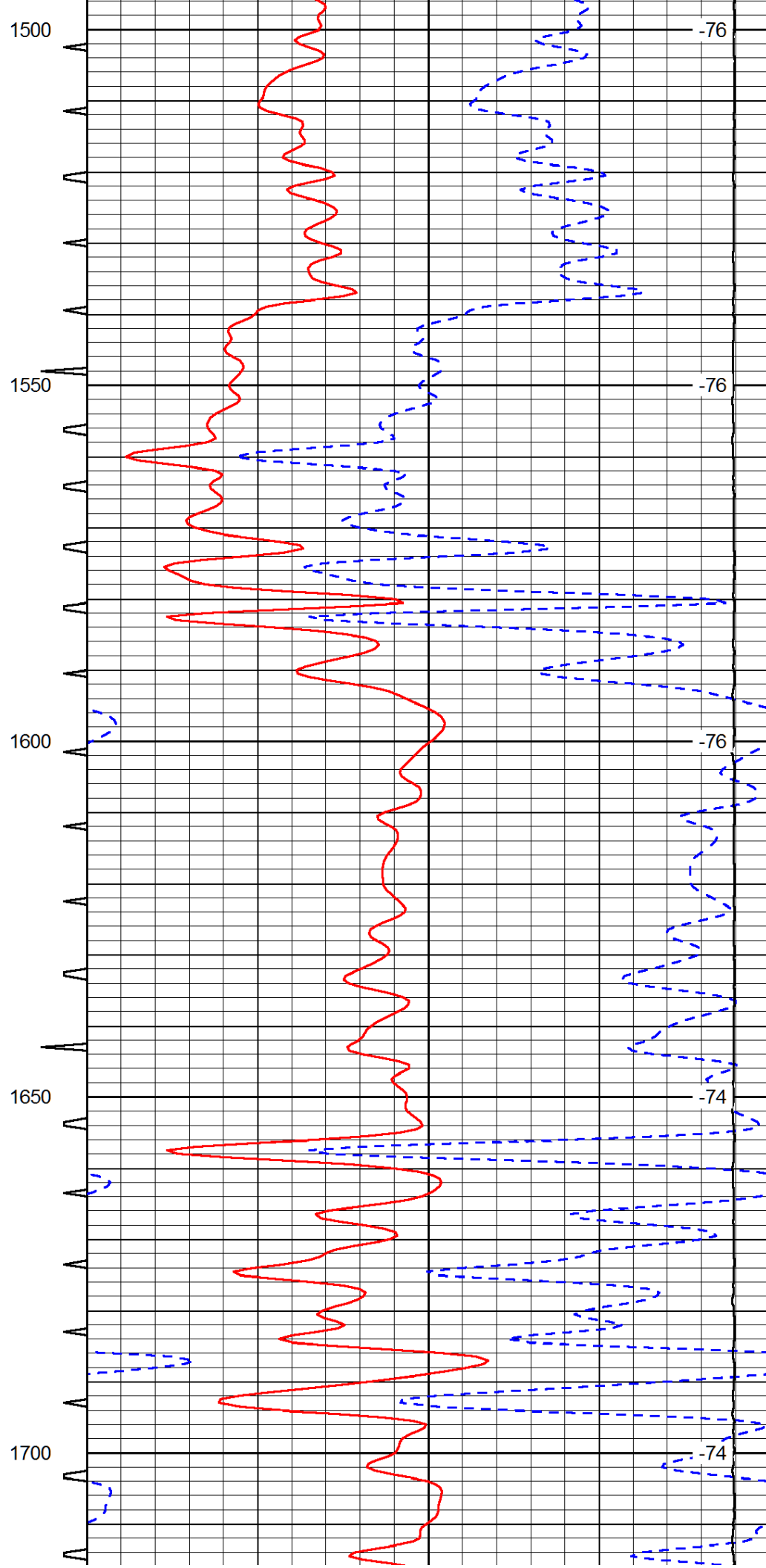
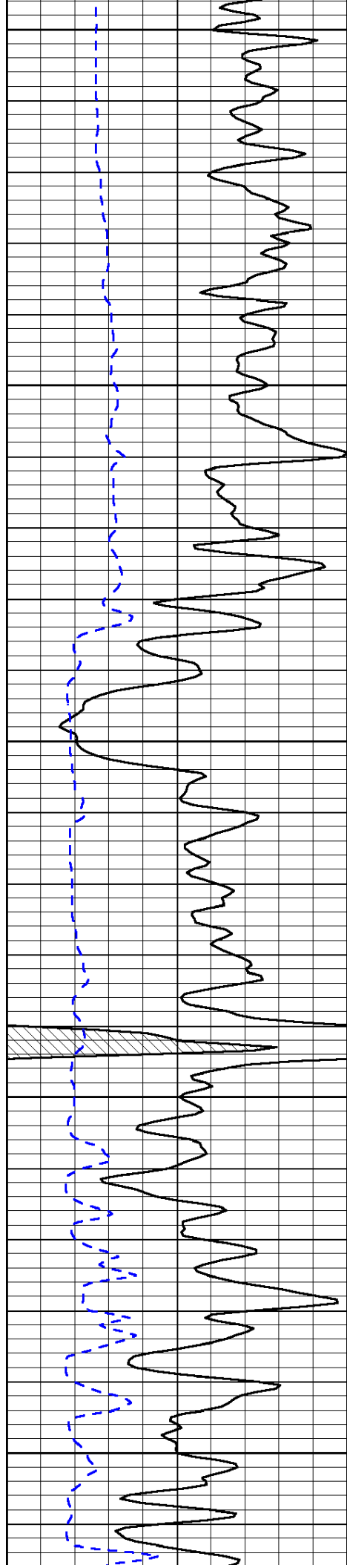


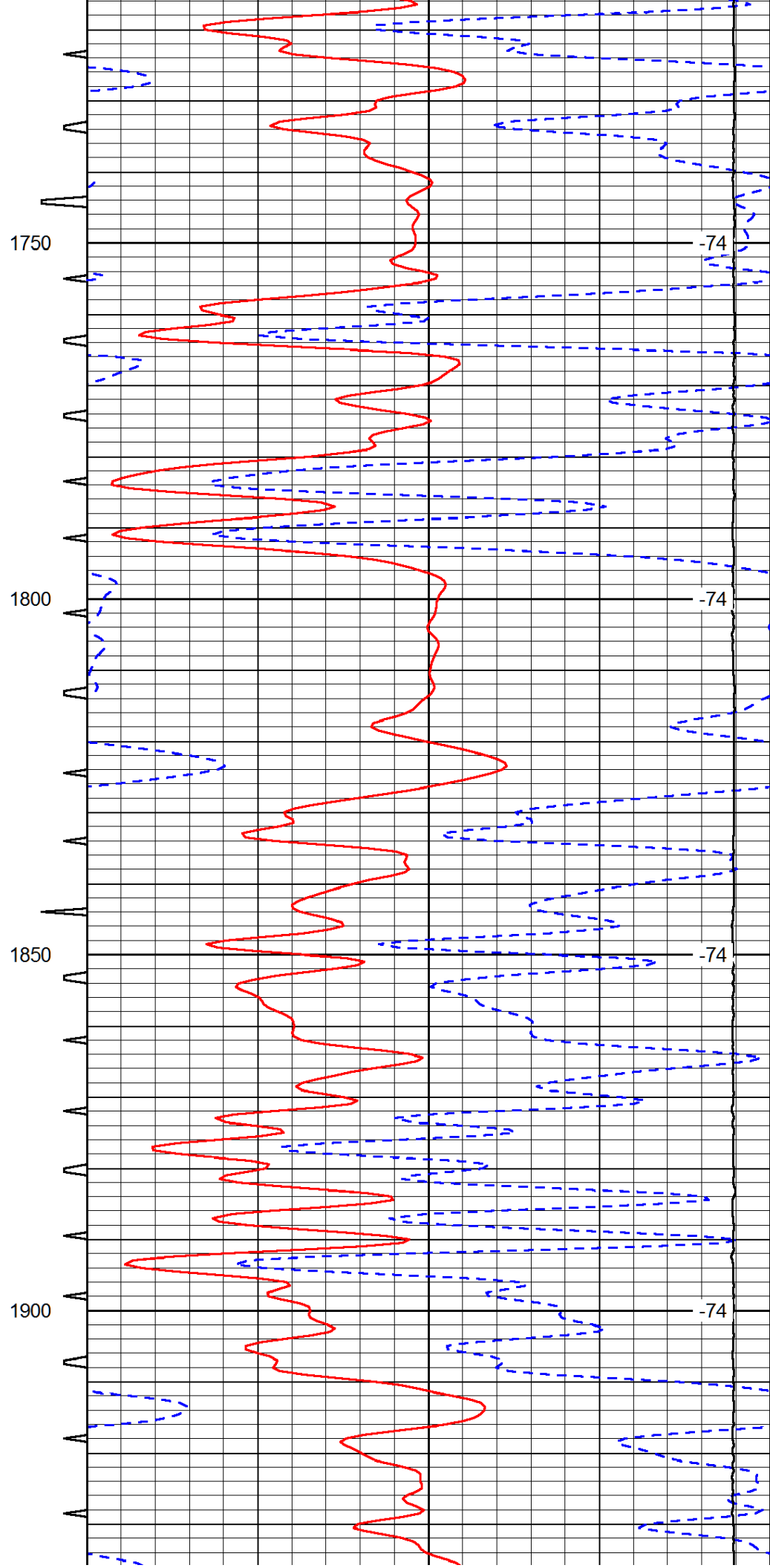
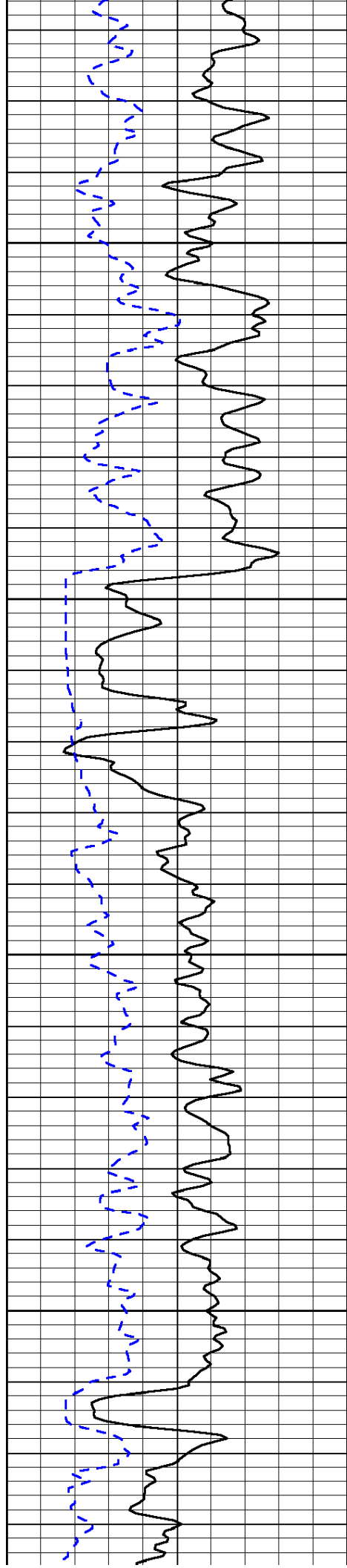


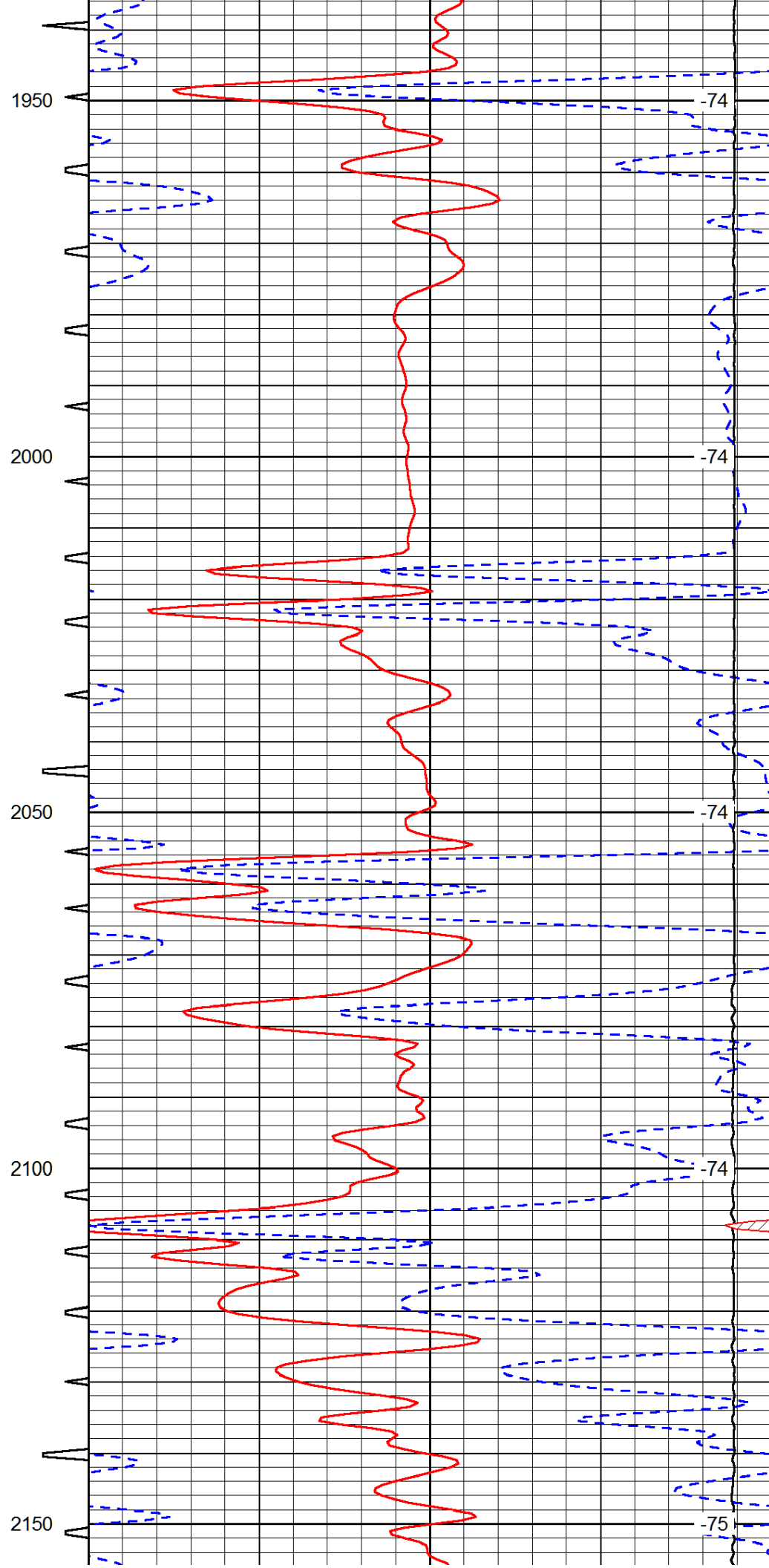
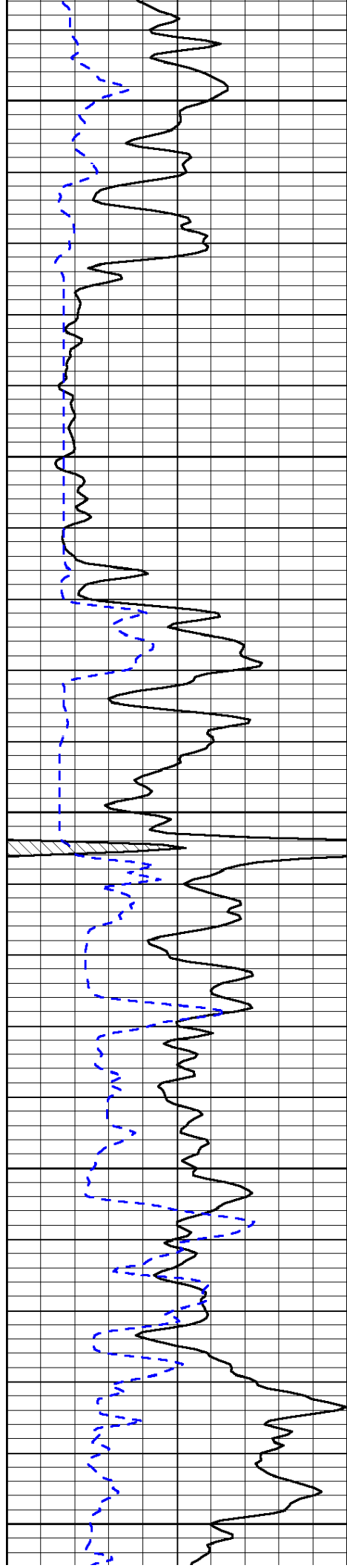


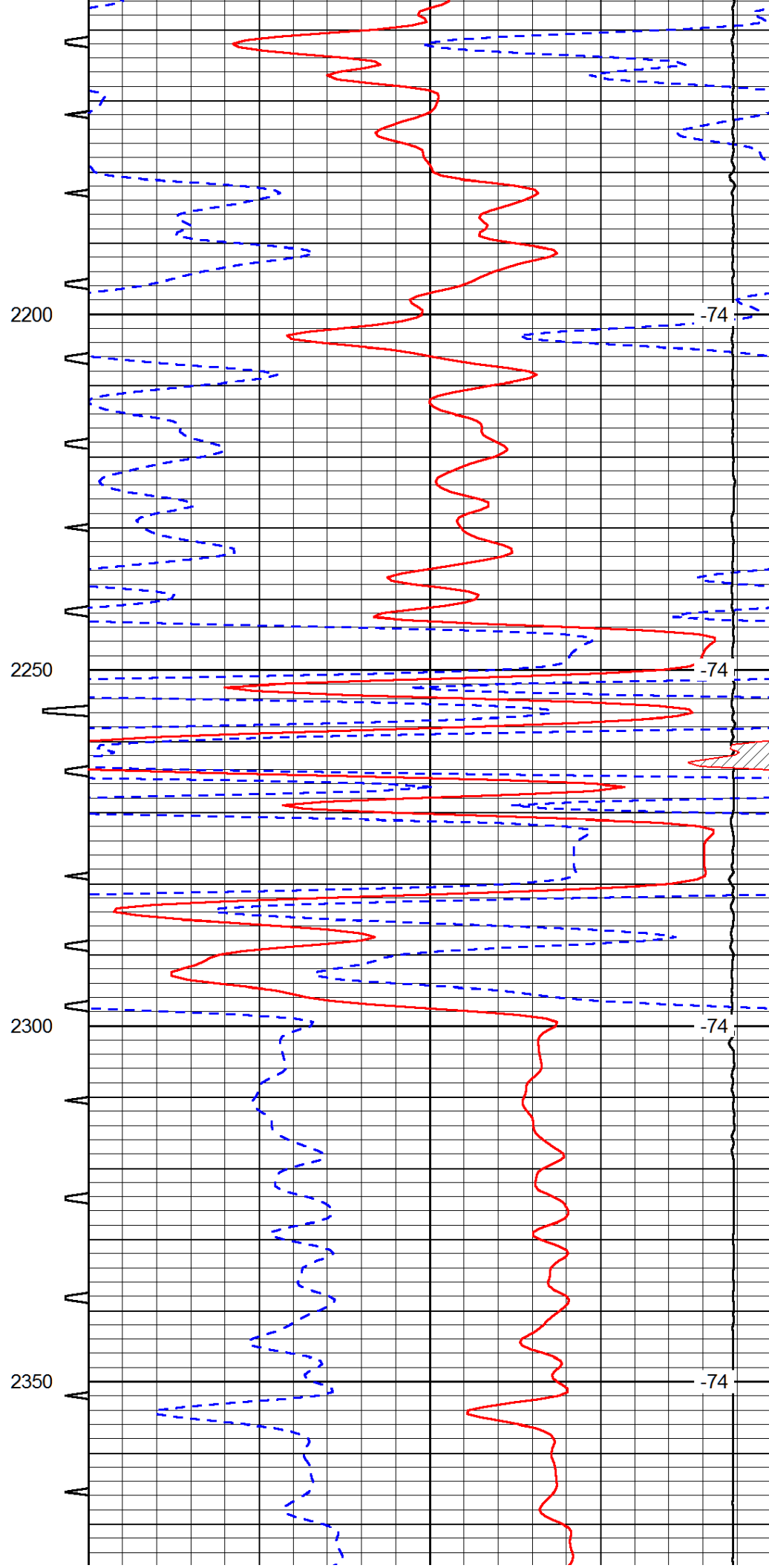
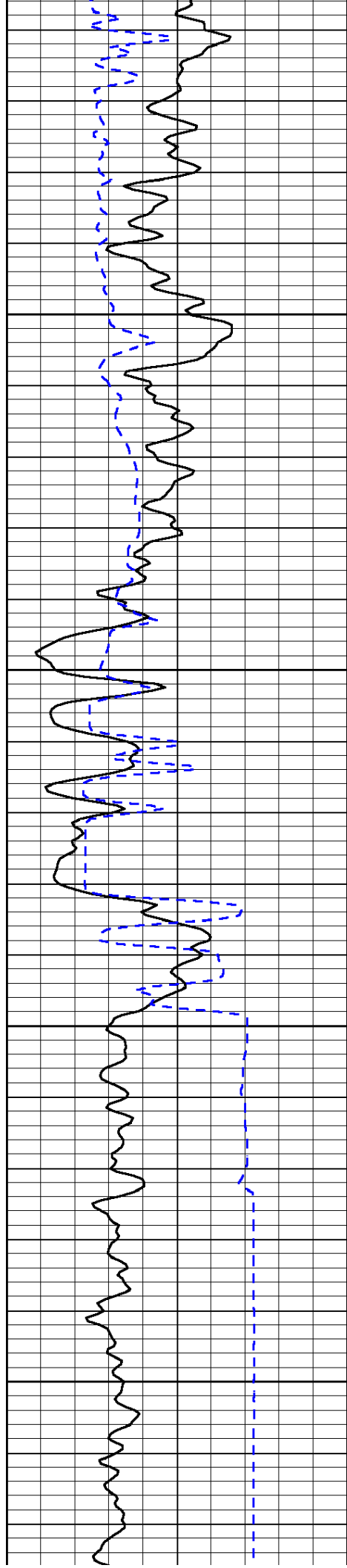


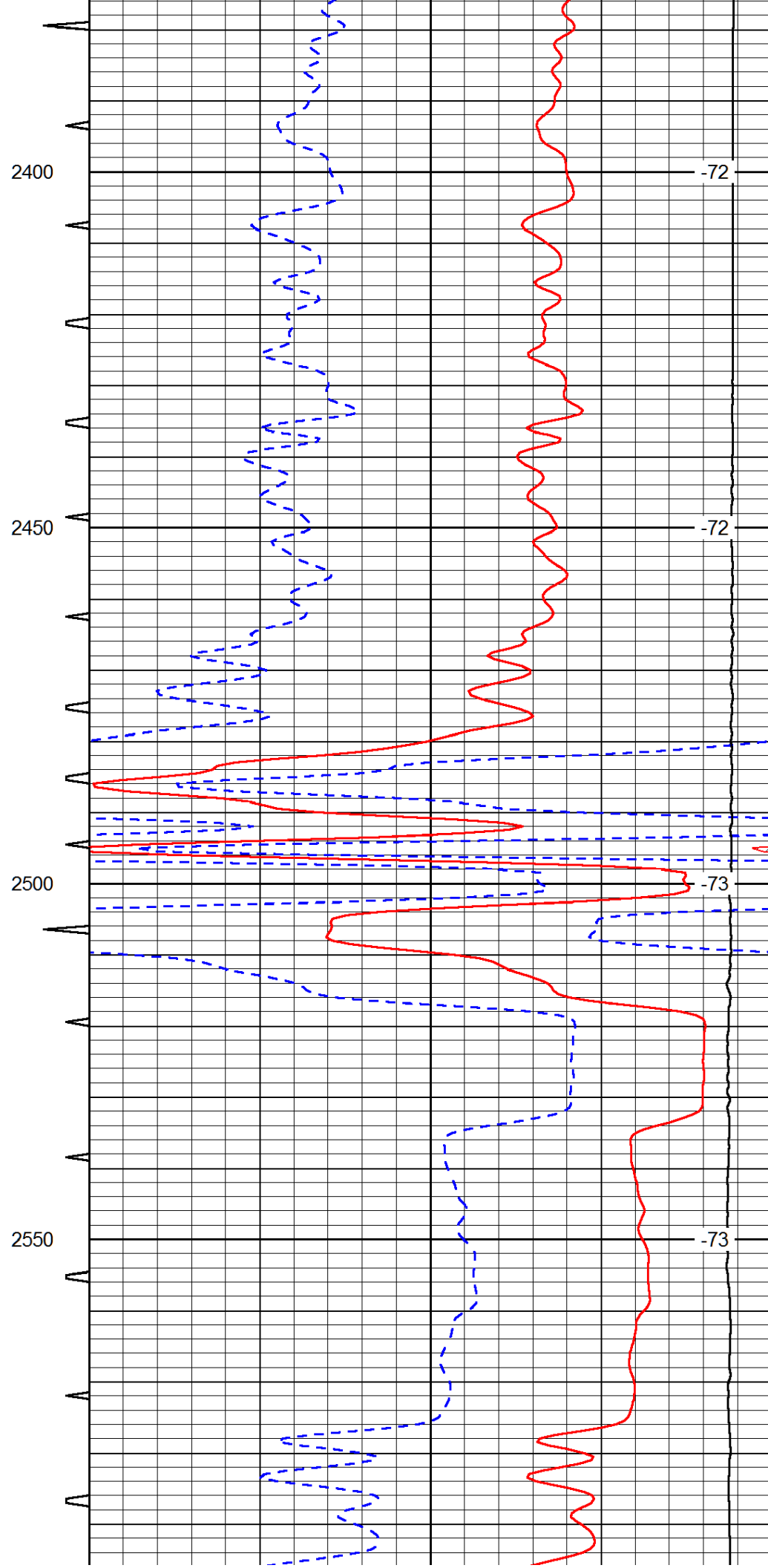
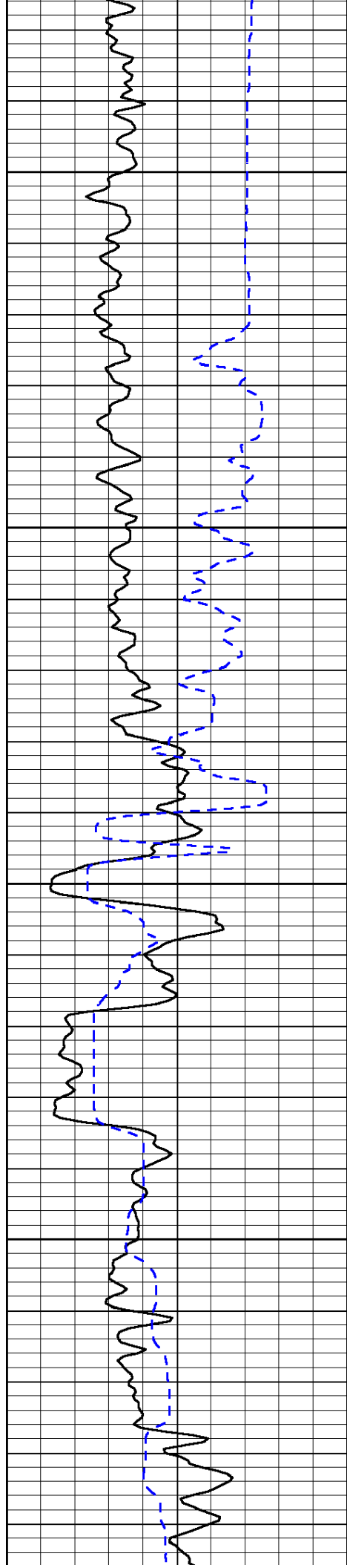


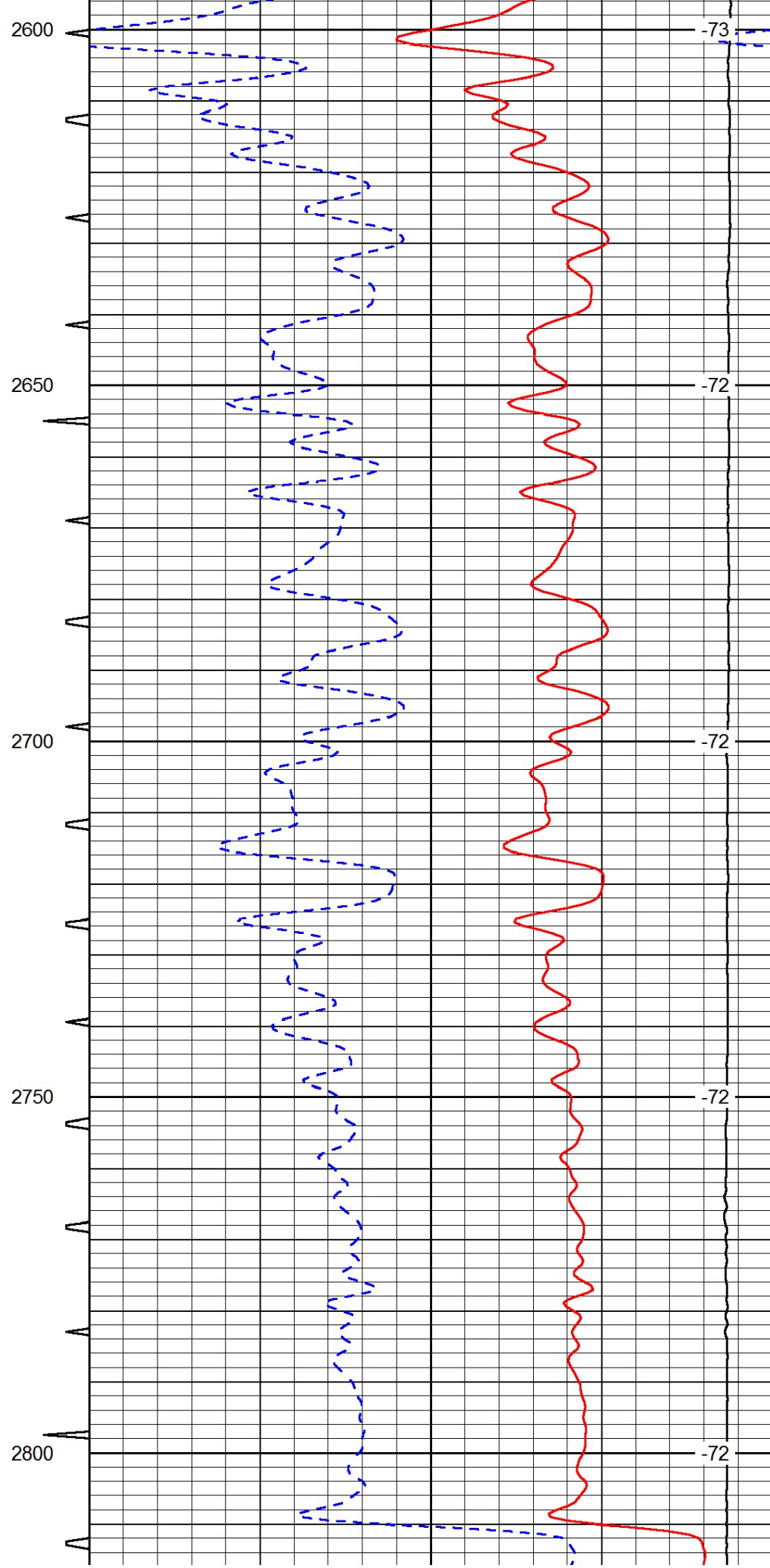
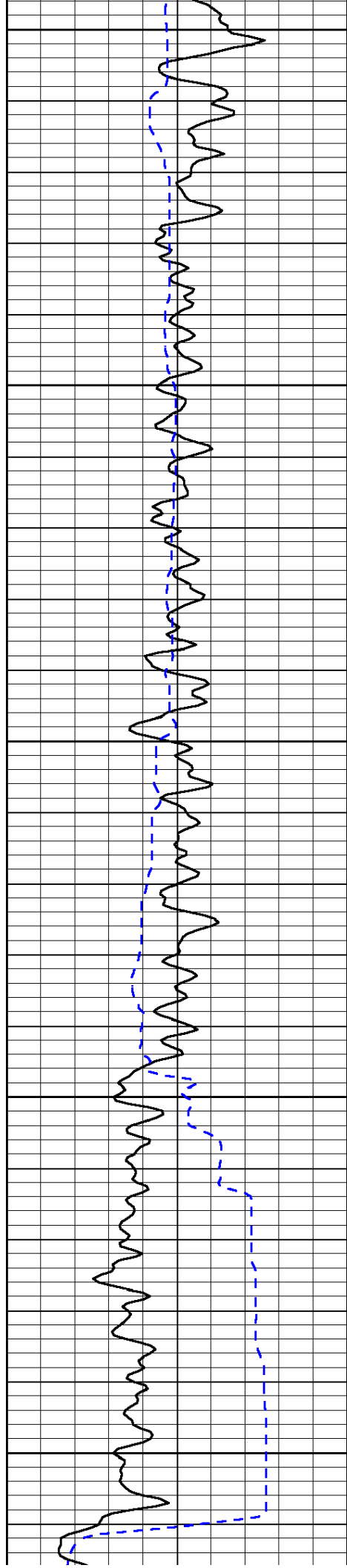


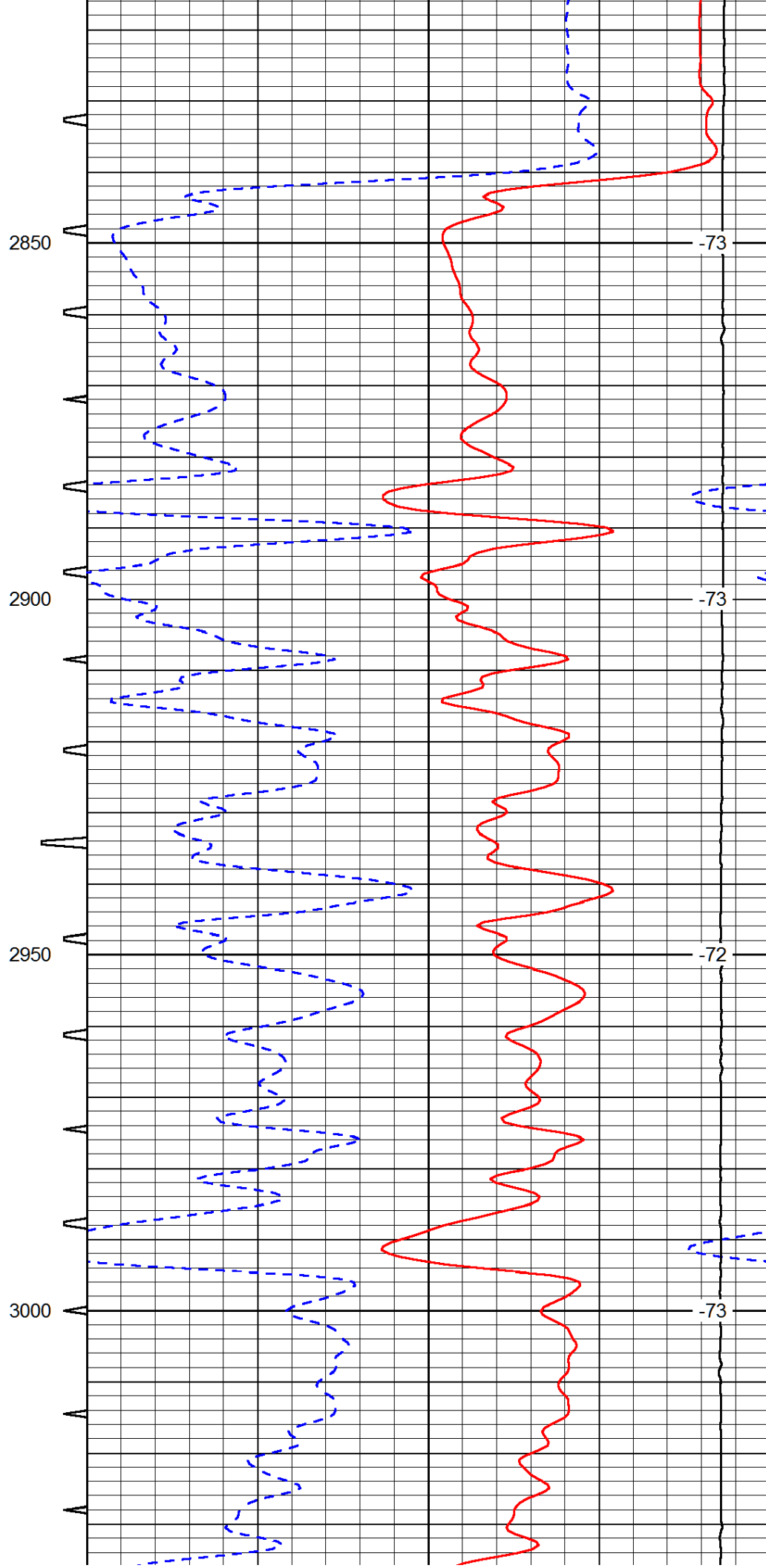
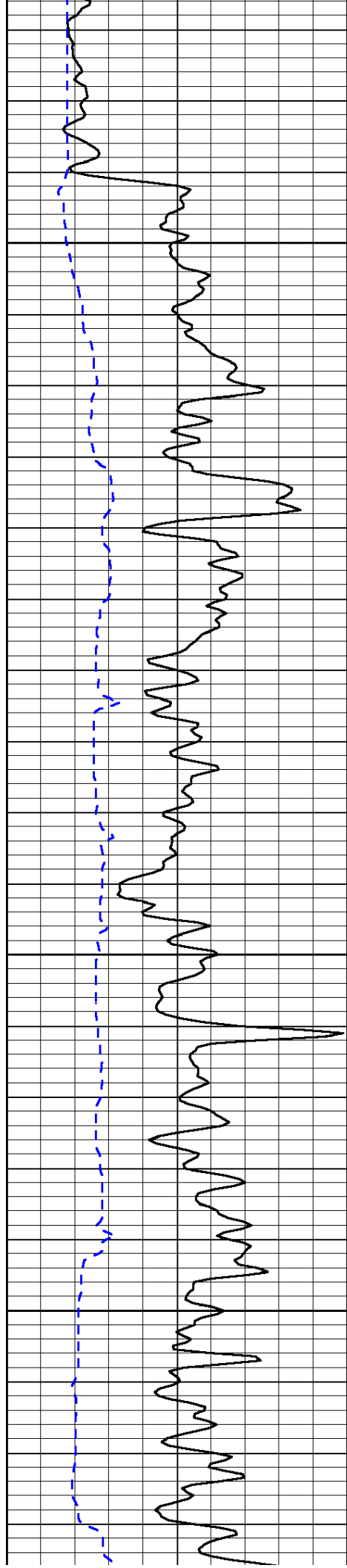


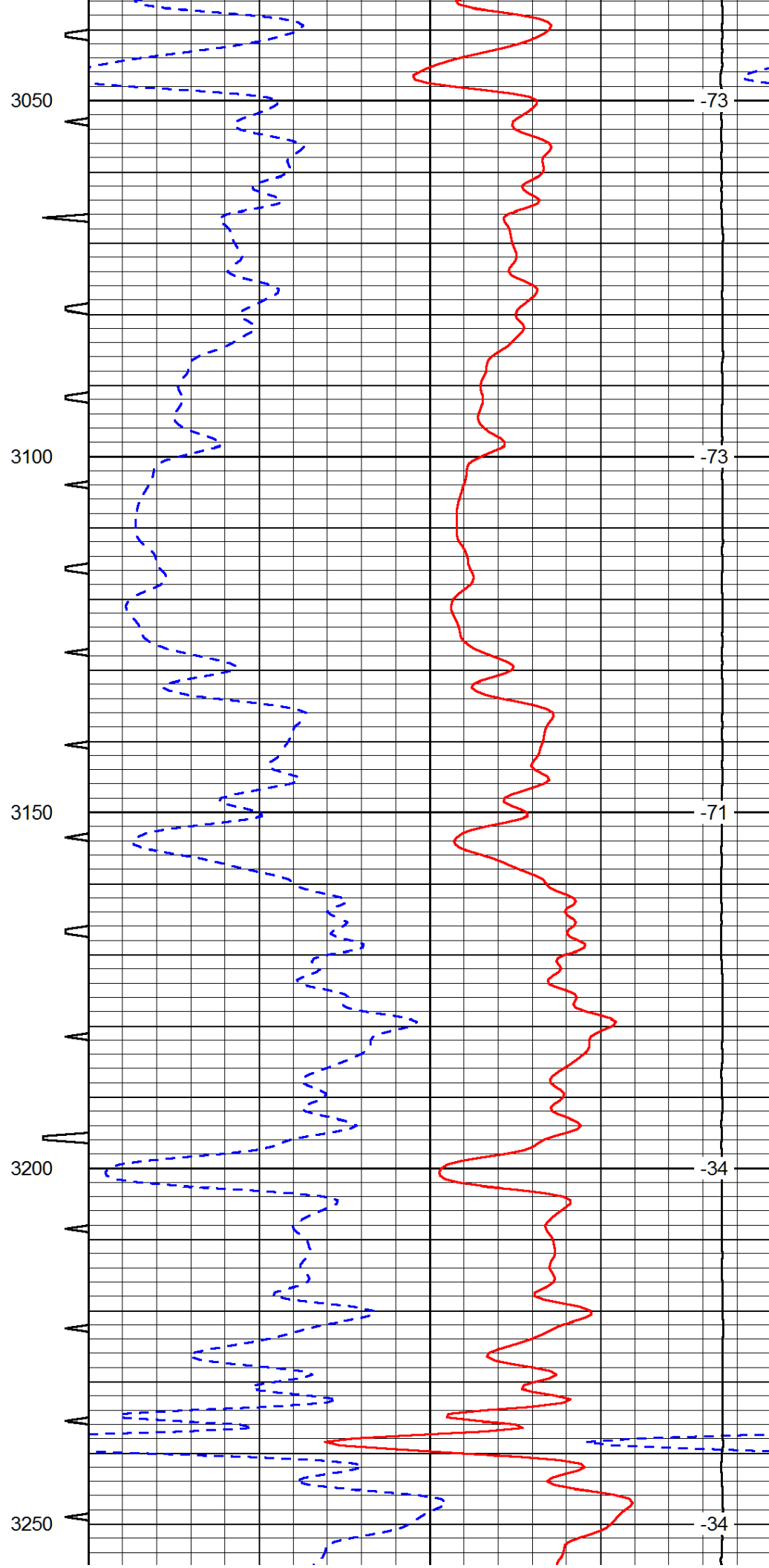
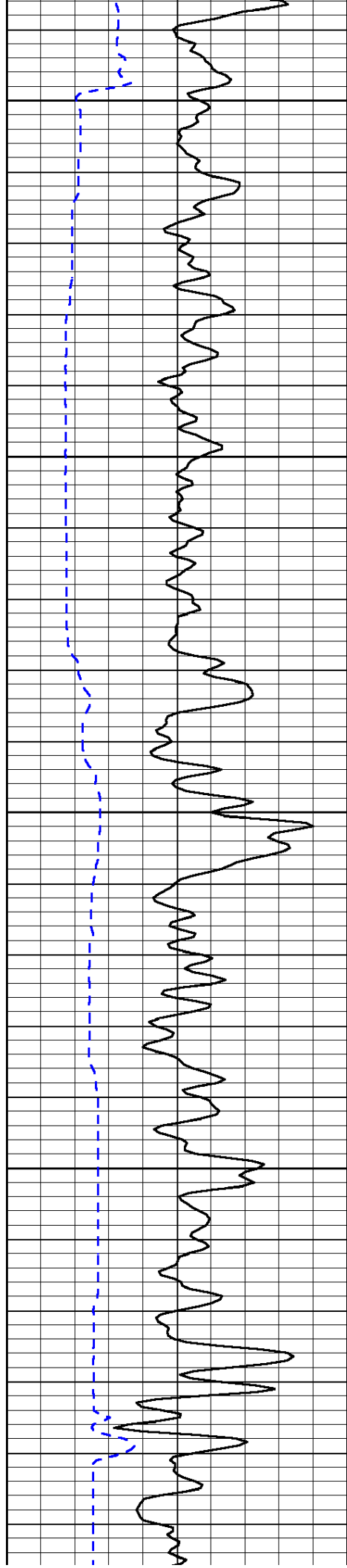


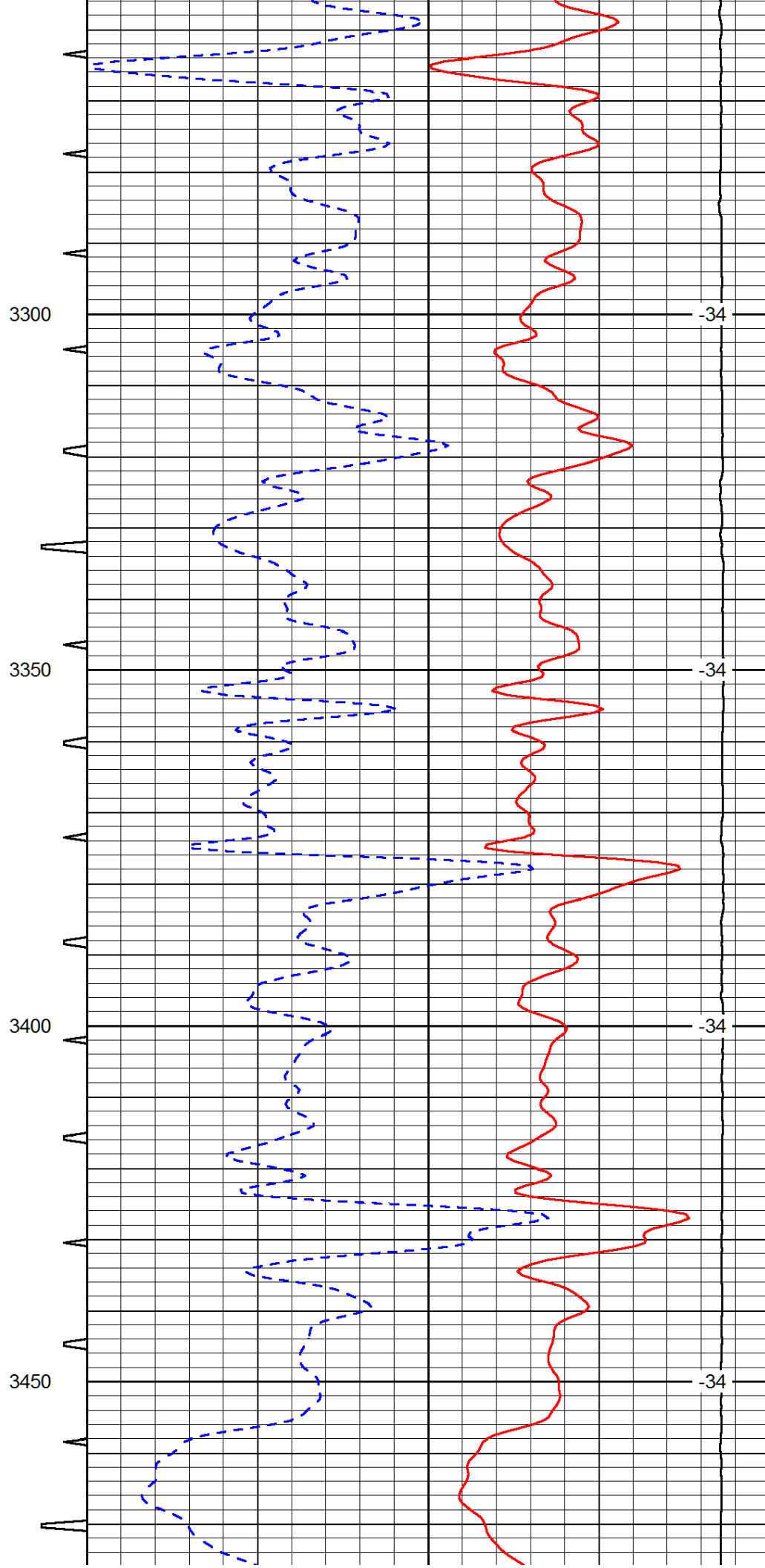
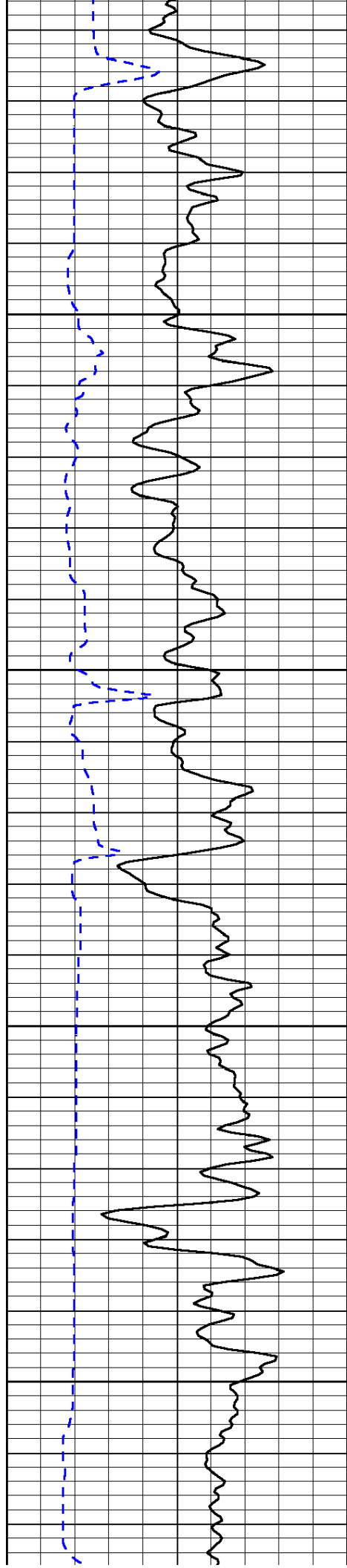


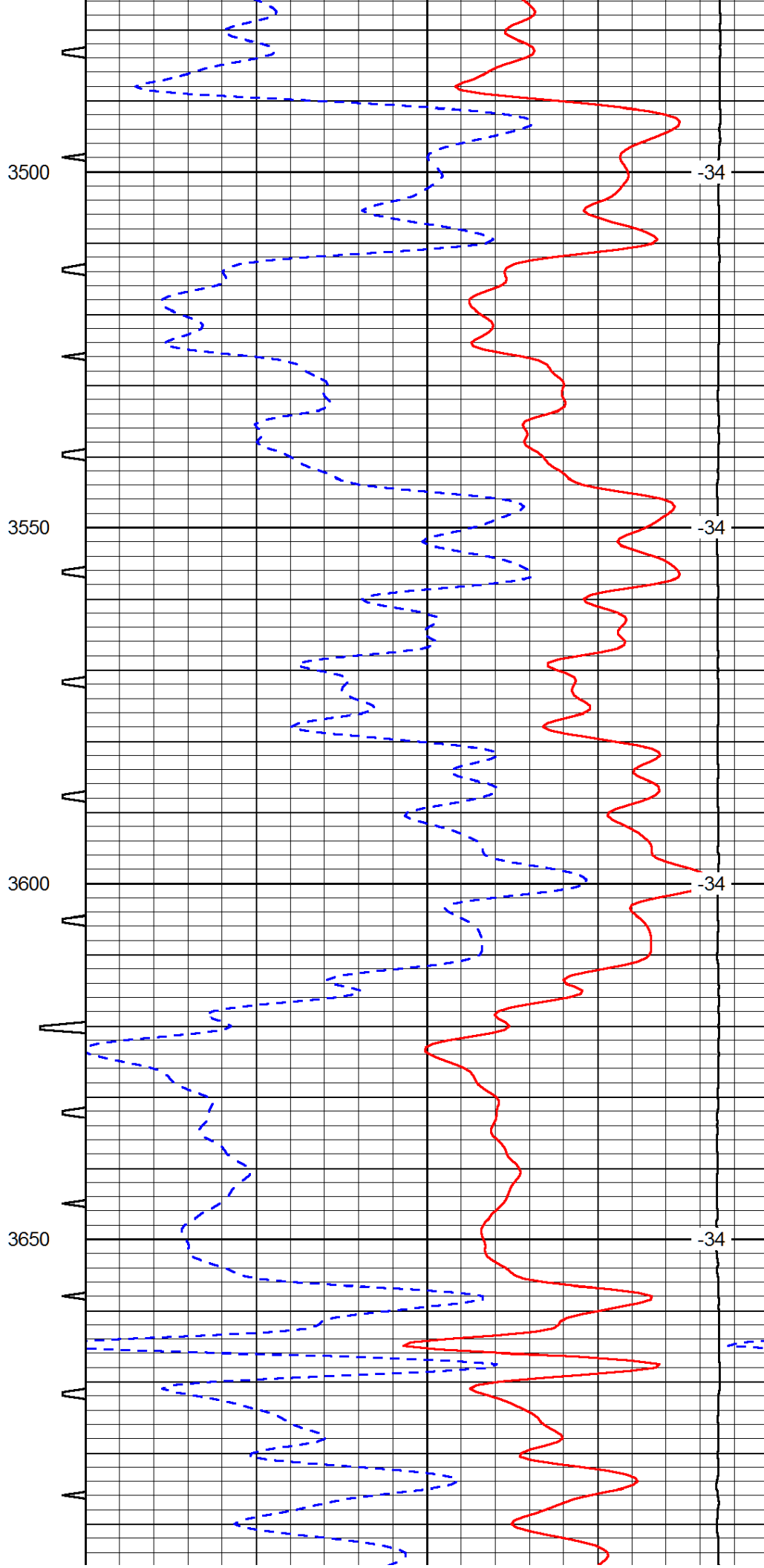
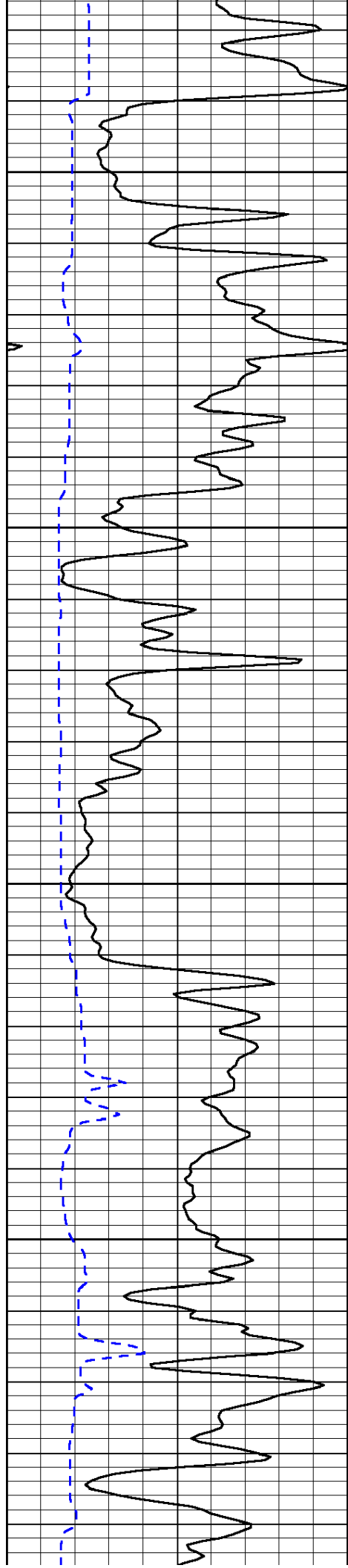


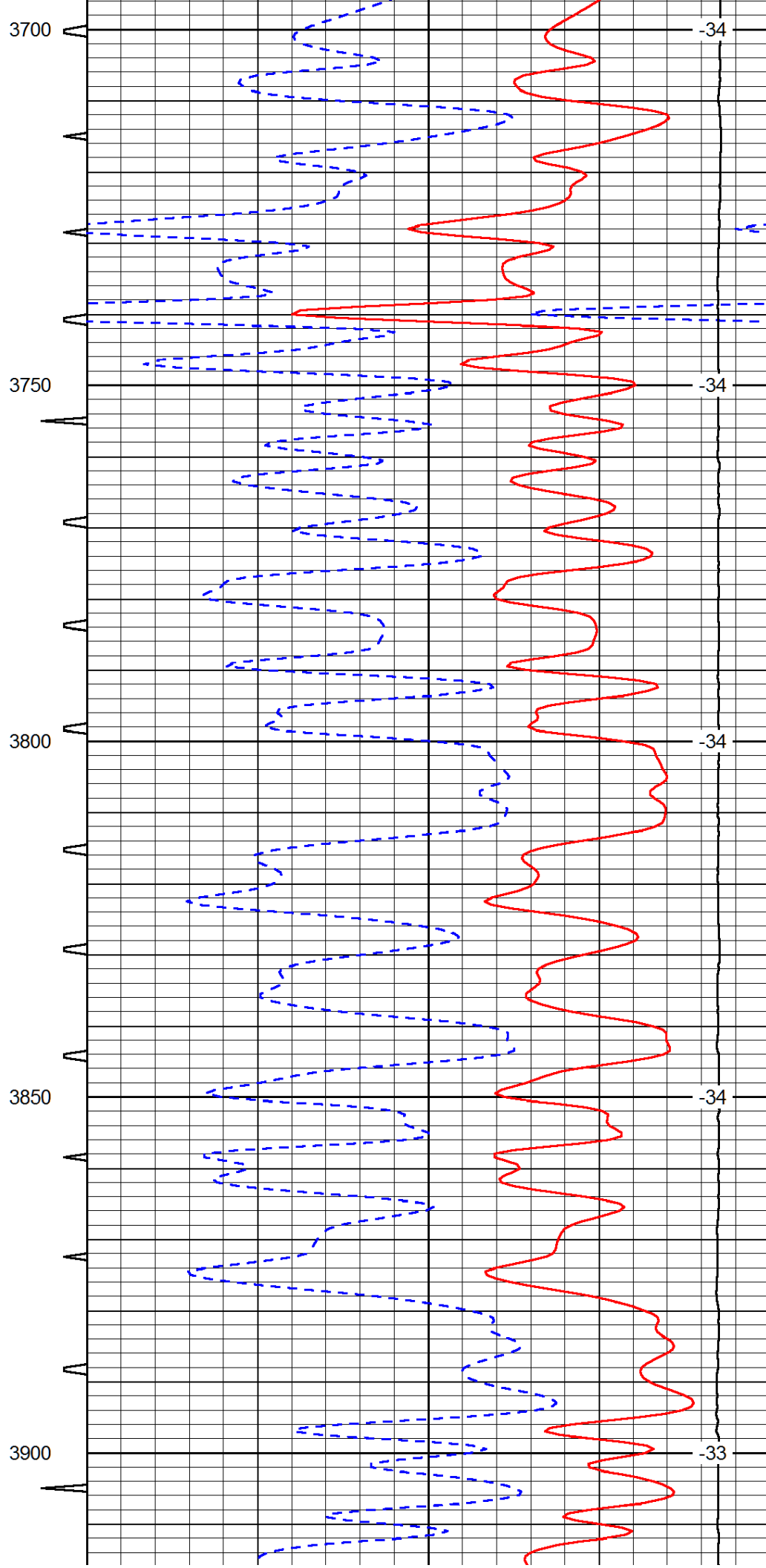
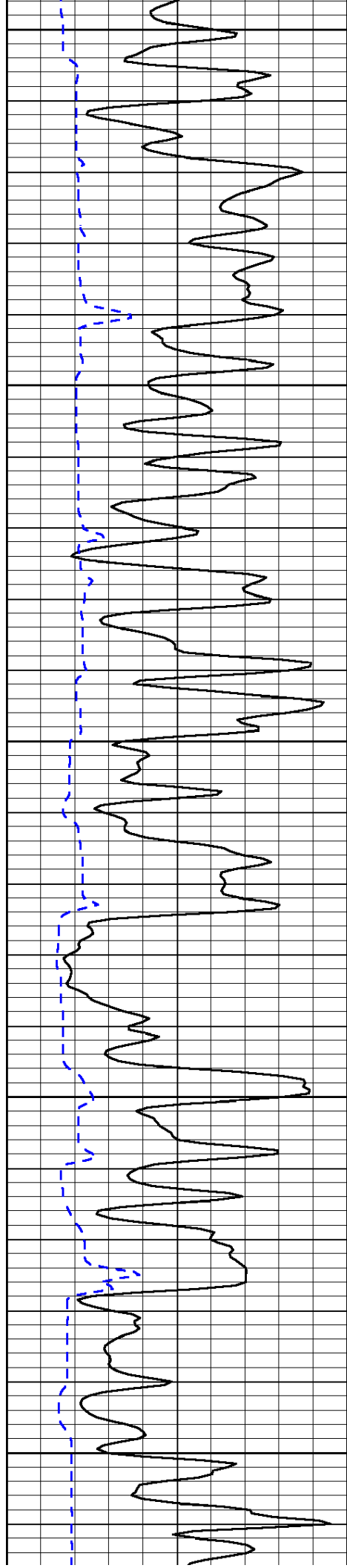


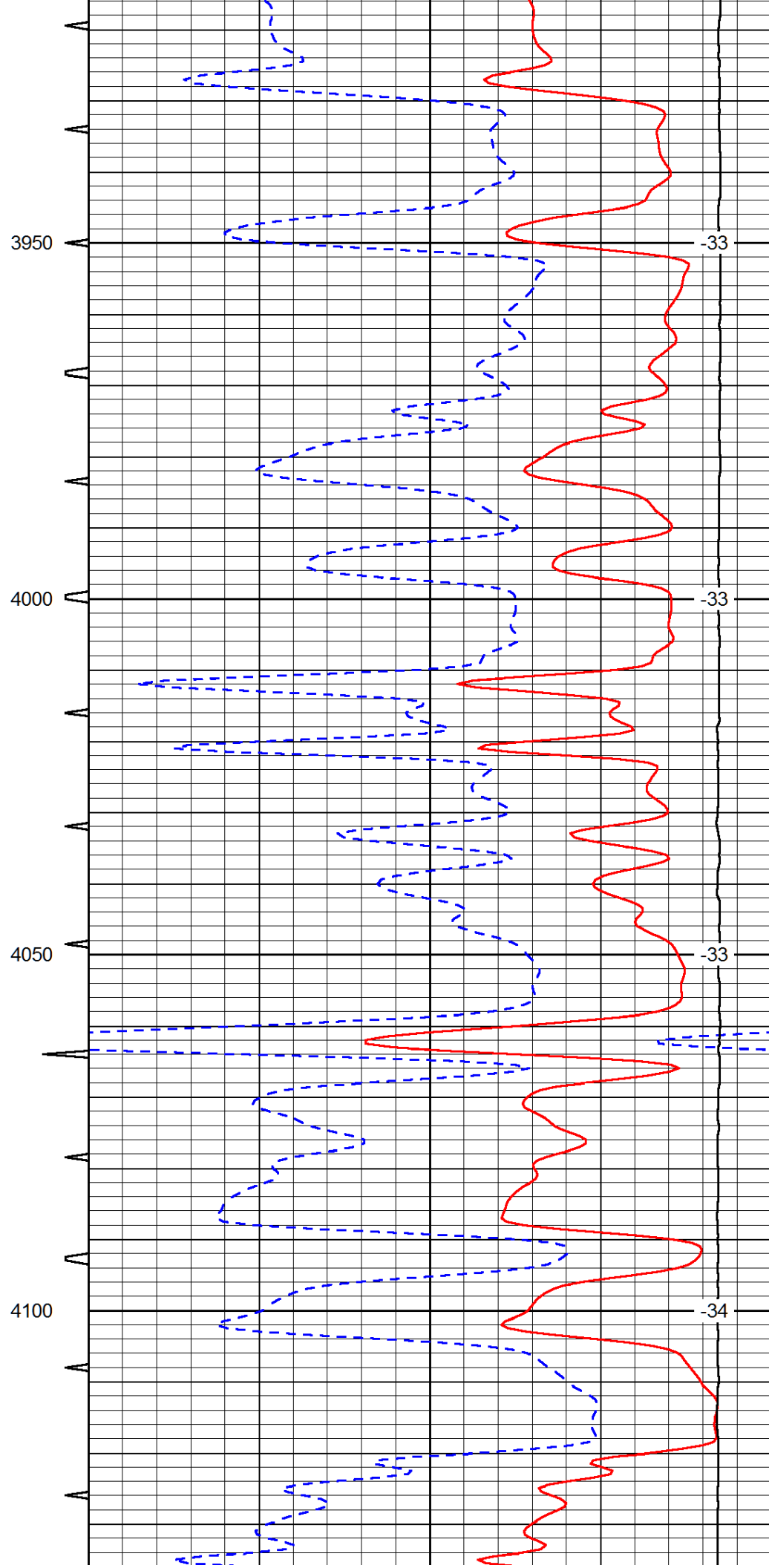
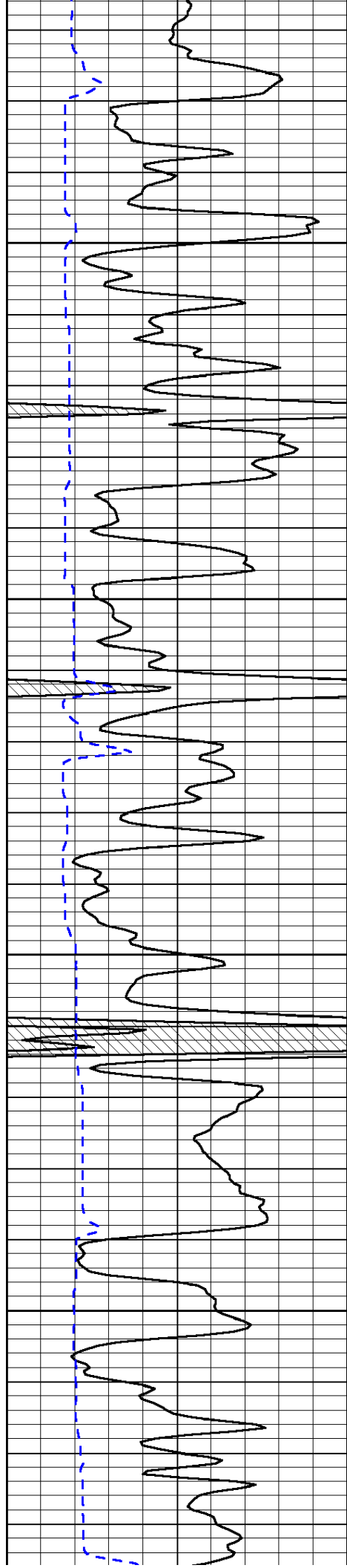


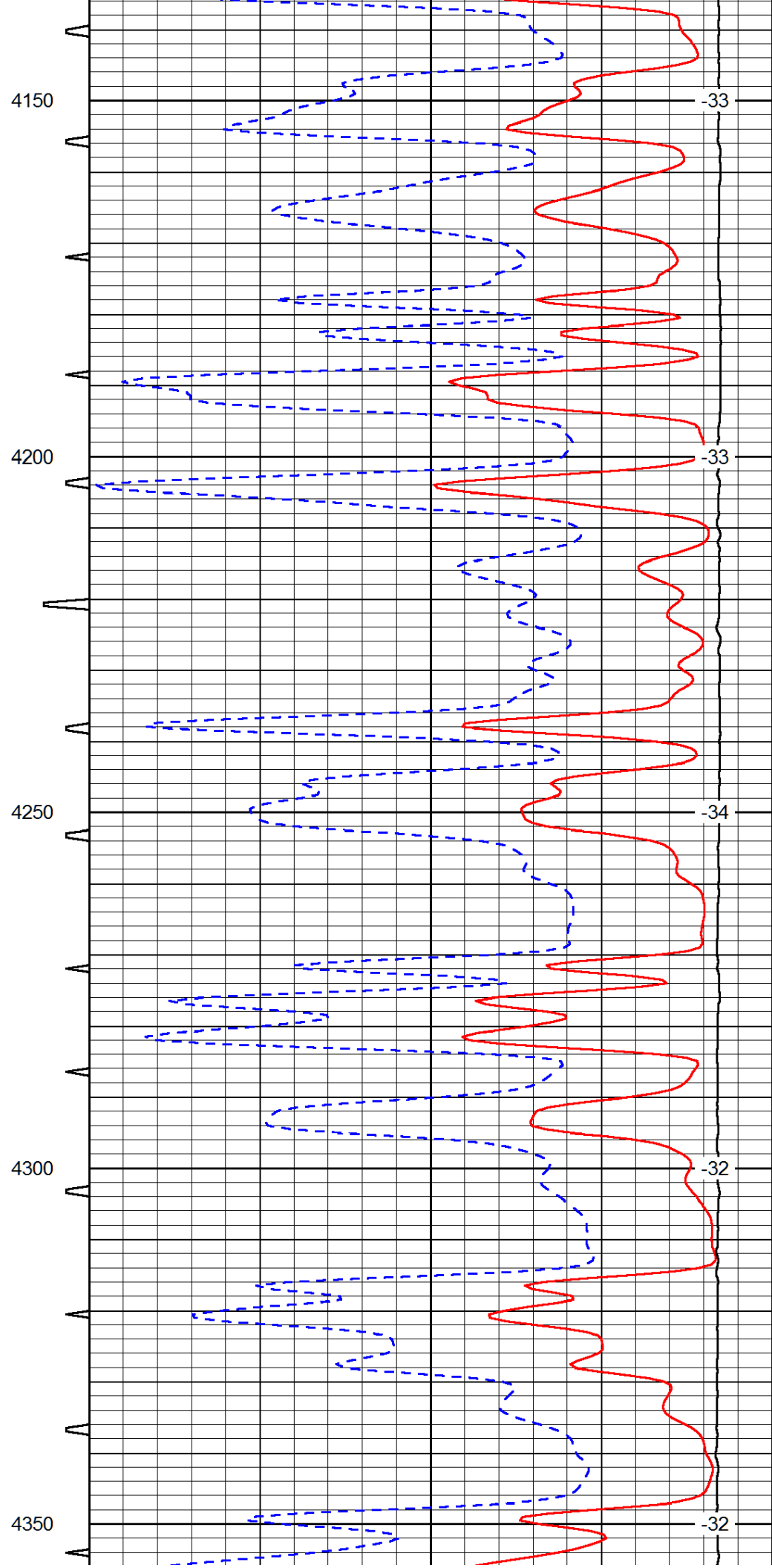
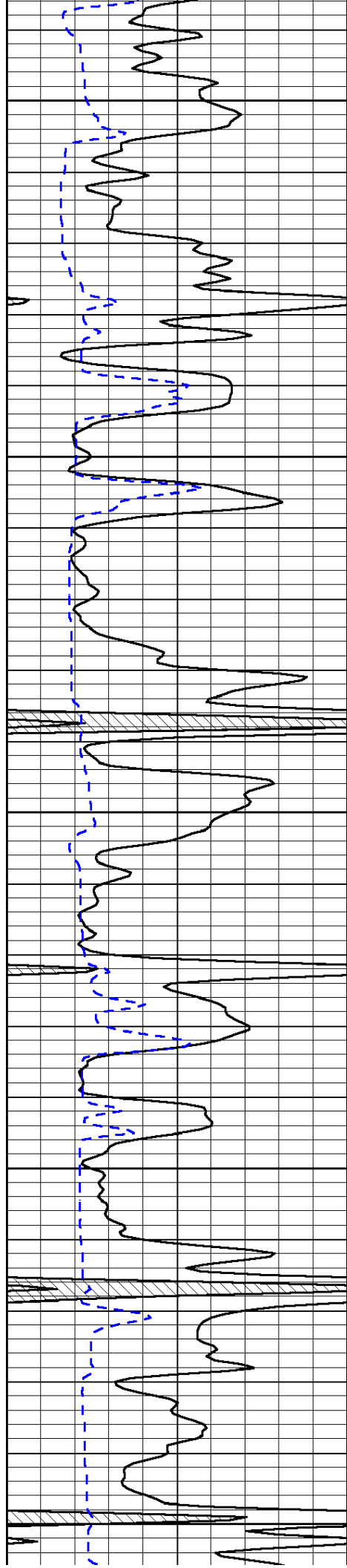


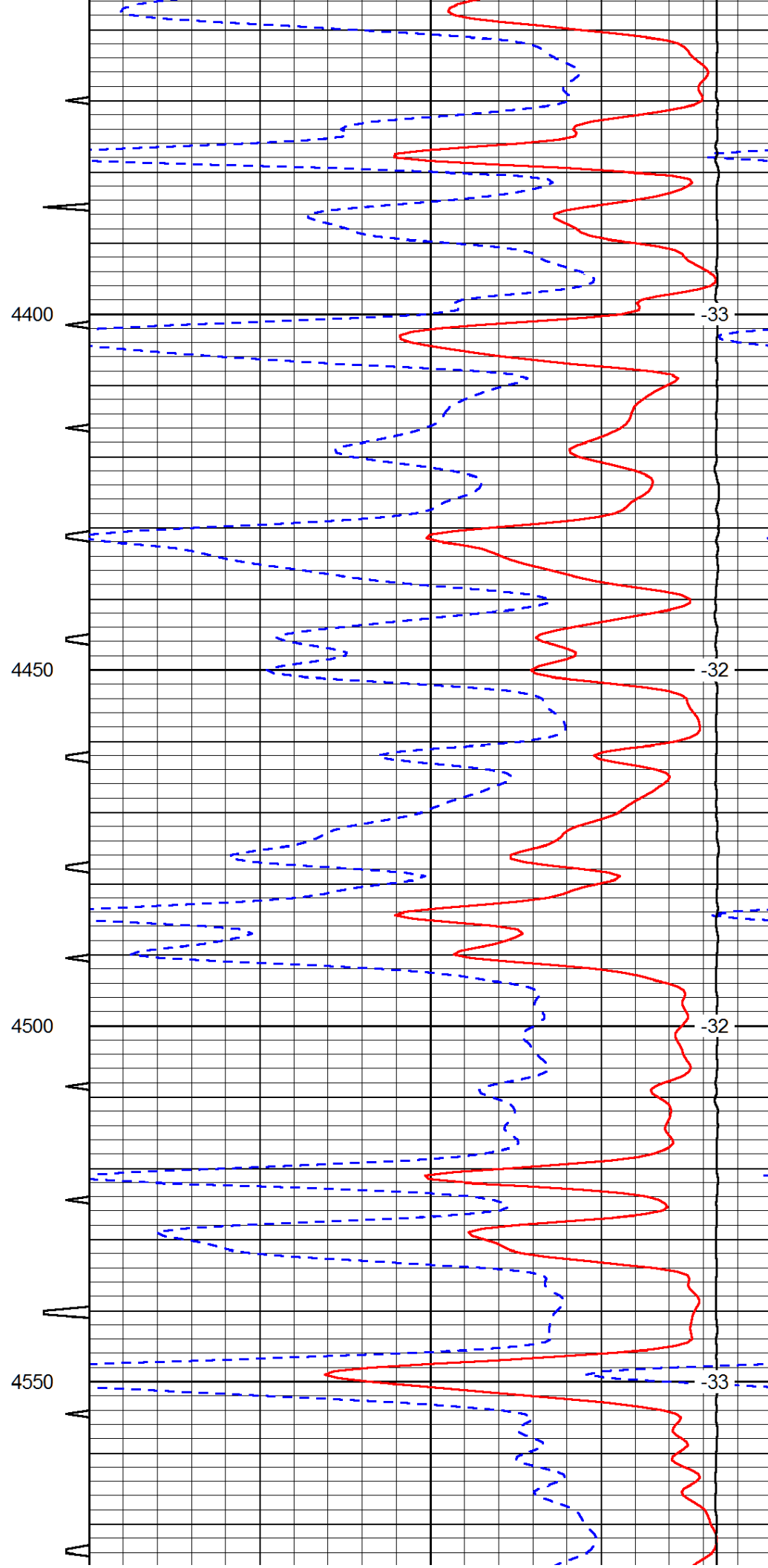
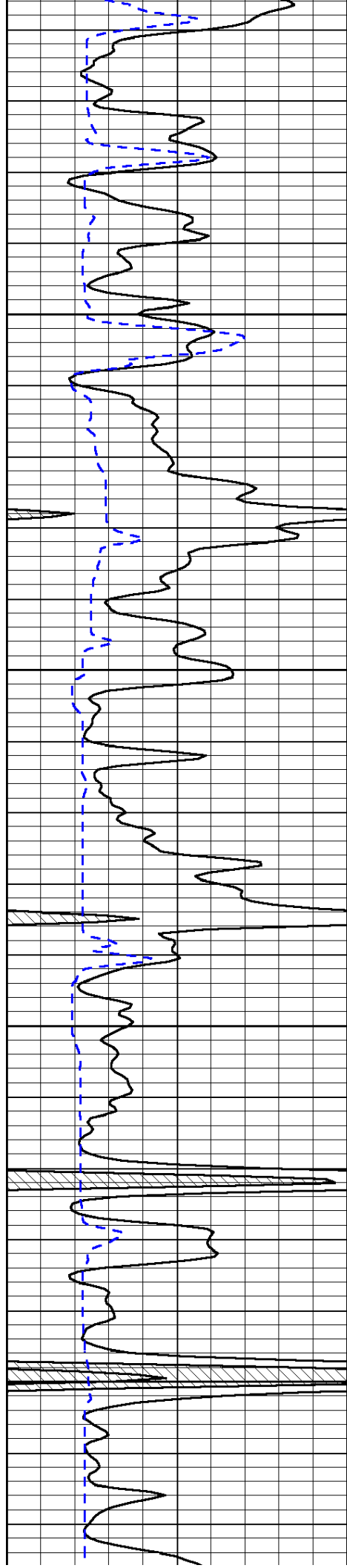


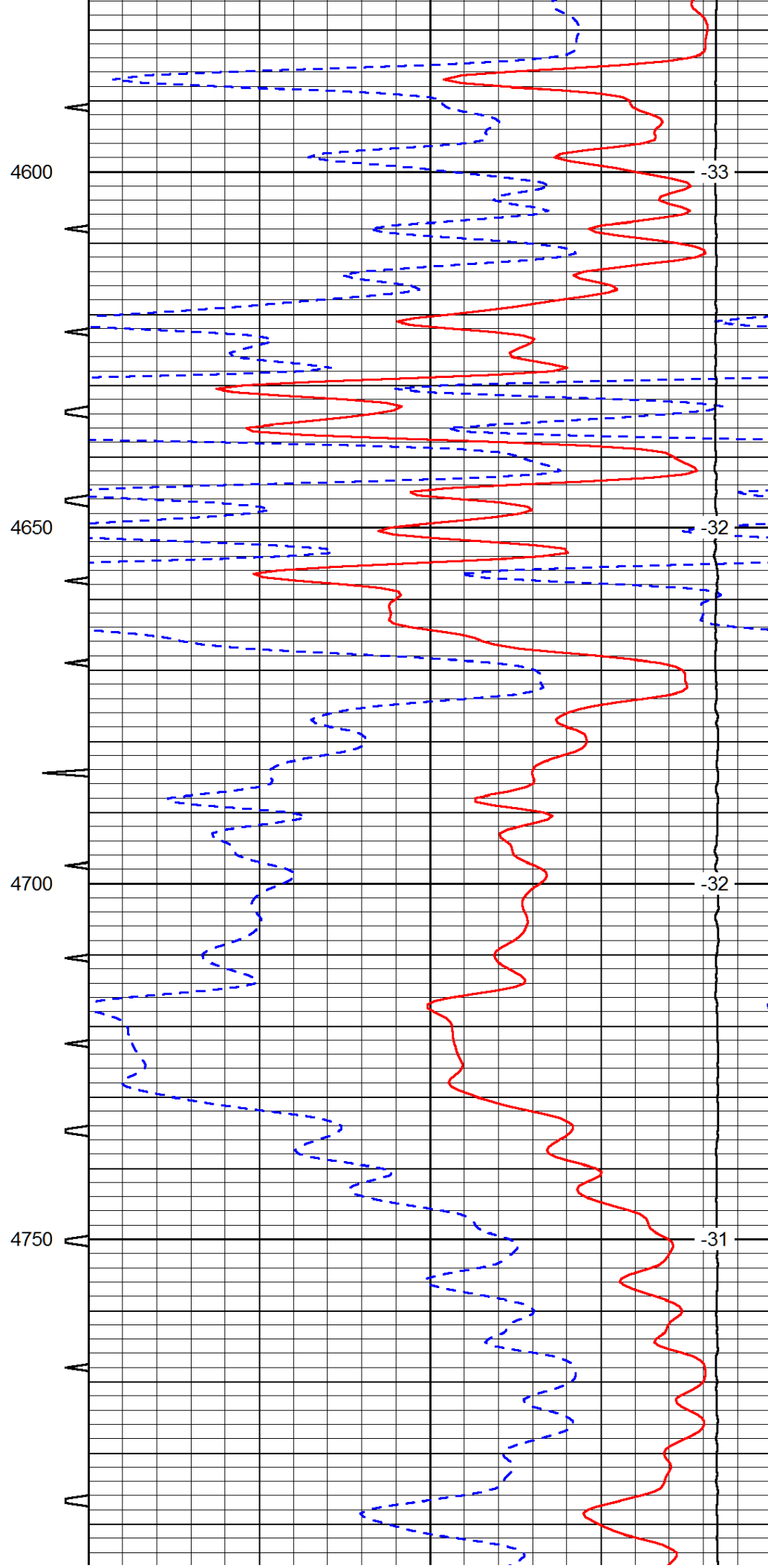
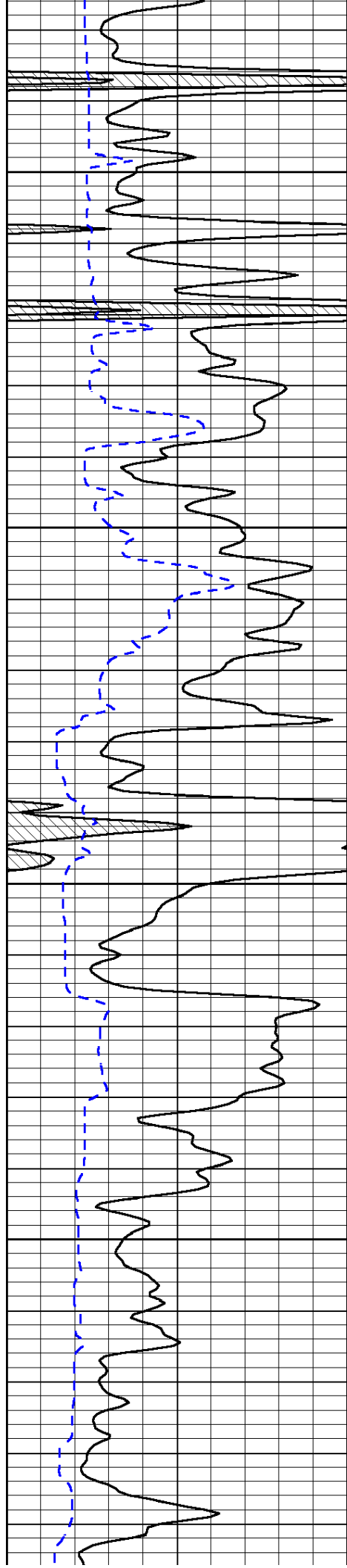


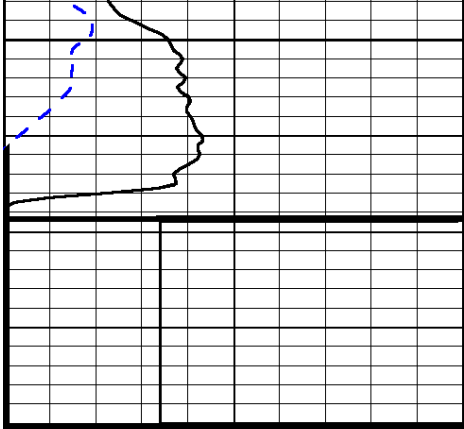




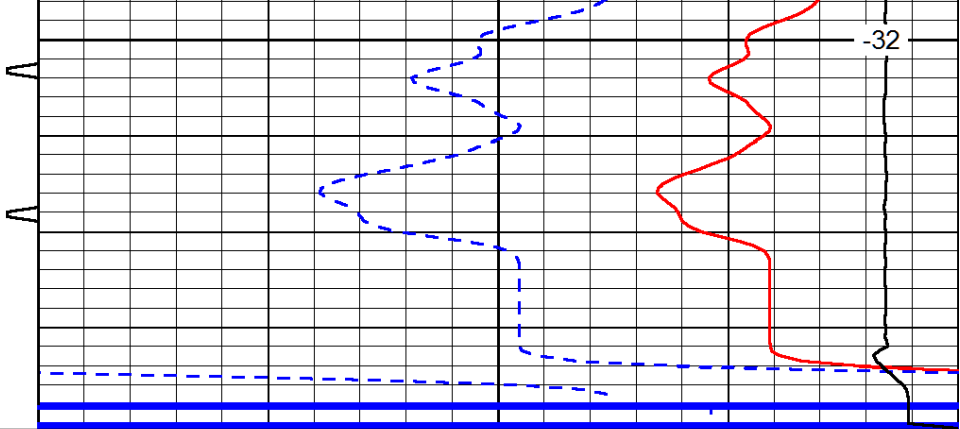








4800



|     |             |     |           |       |                      |      |
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