



Pioneer Energy Services

# Borehole Compensated Sonic Log

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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.

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Comments

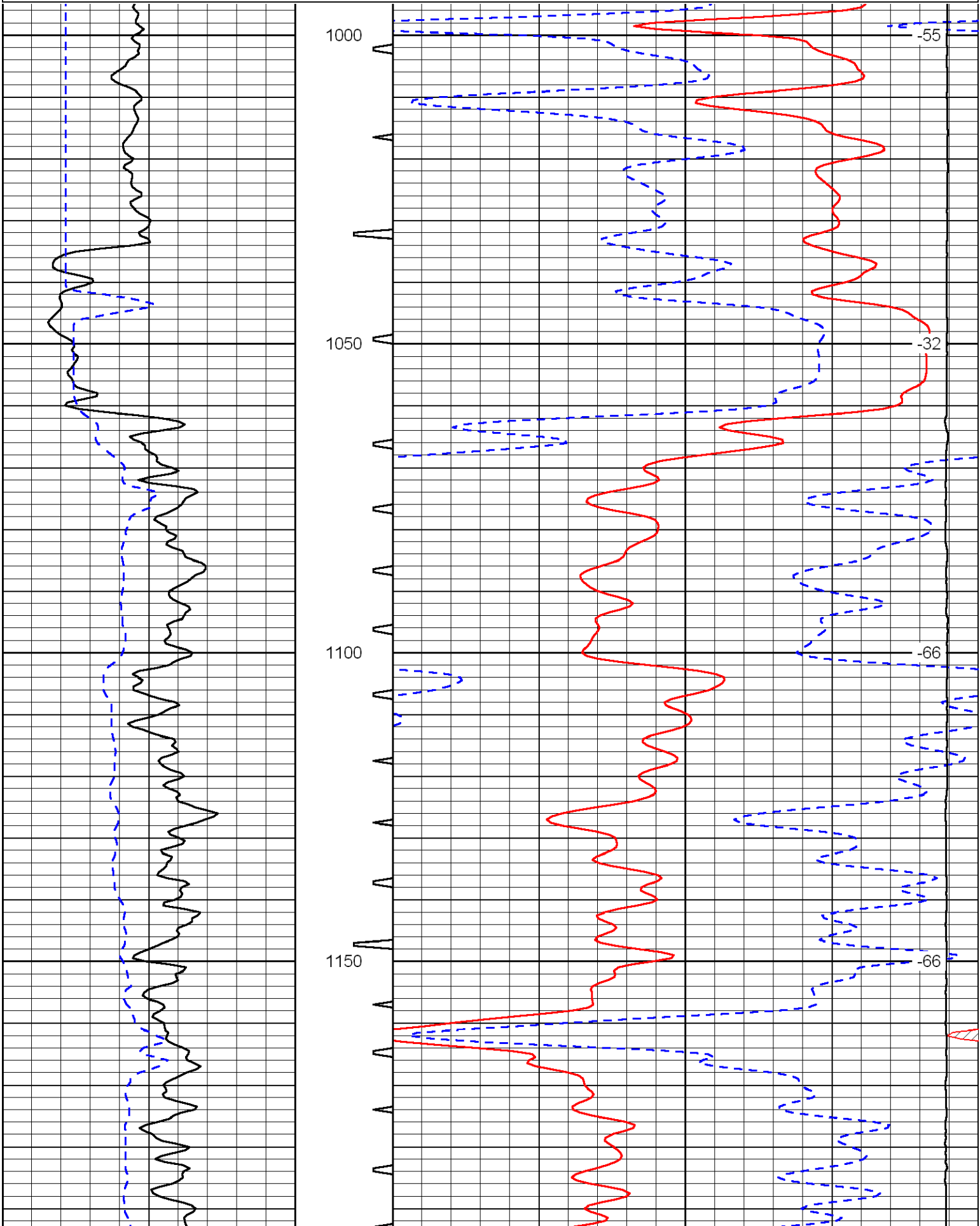
Thank you for using Log-Tech, Inc.  
(785) 625-3858

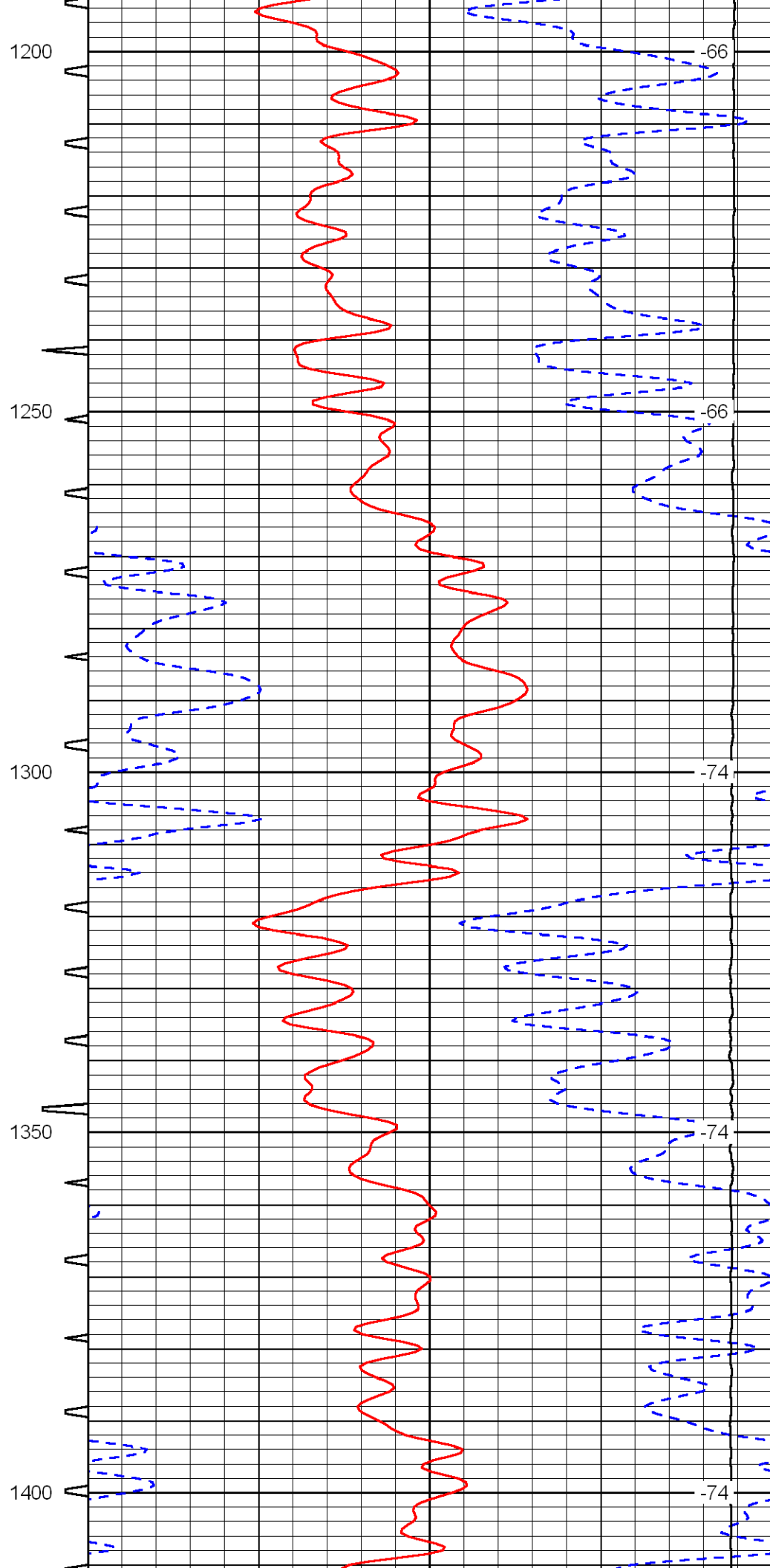
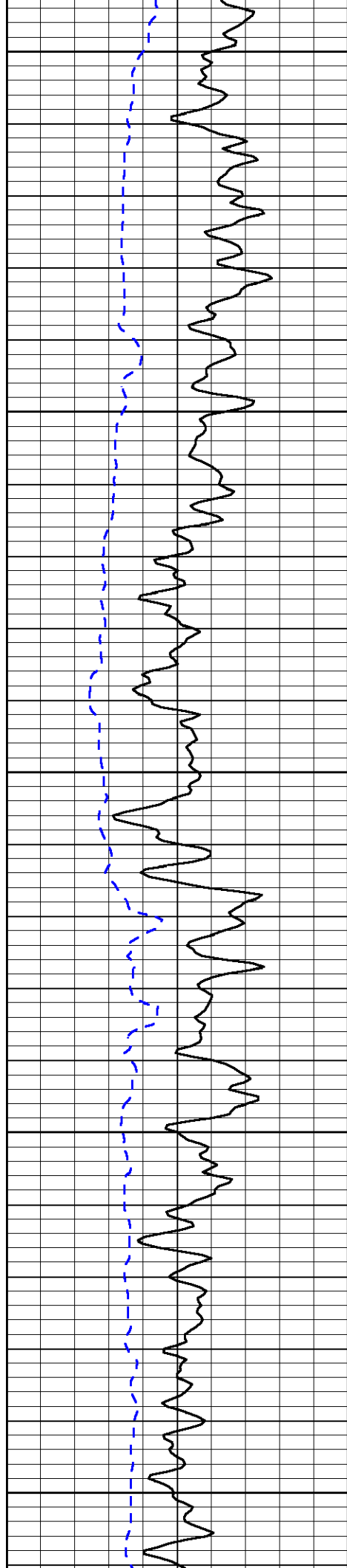
Rush Center, 12 East to 370 Road, 1 South, 3/4 East, South Into

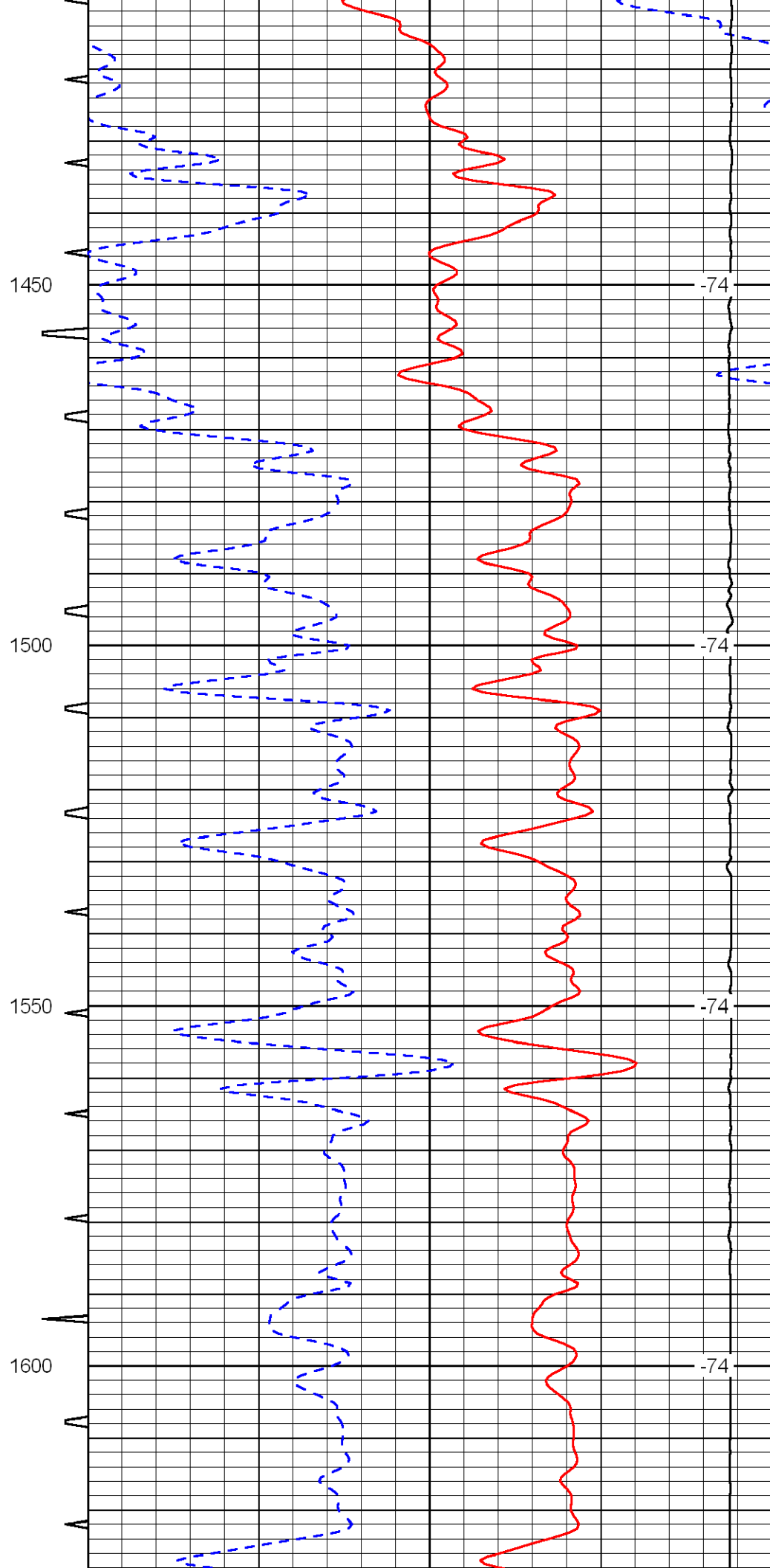
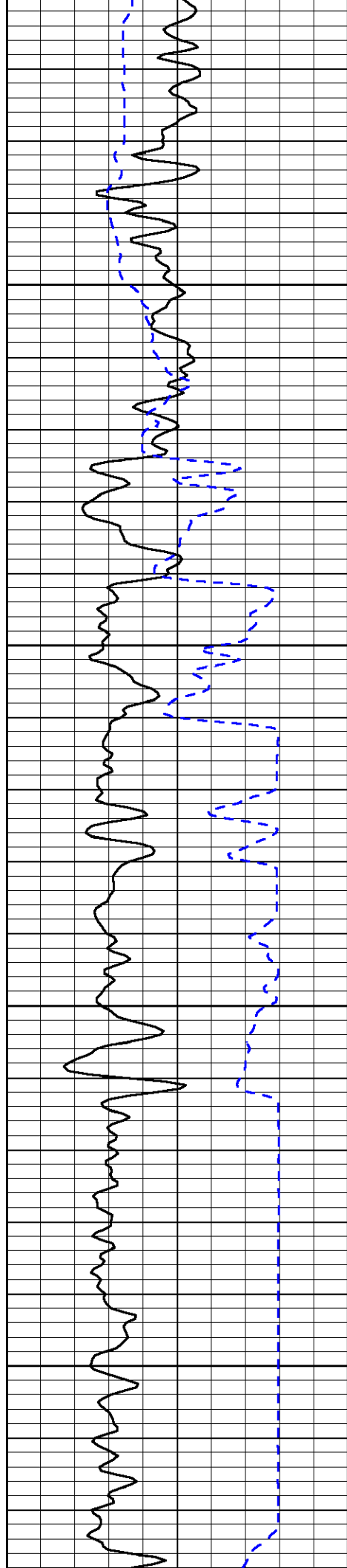
Database File: blacktea\_rose\_1hd.db  
Dataset Pathname: dil/blackstok  
Presentation Format: sonic  
Dataset Creation: Tue Oct 23 15:05:40 2012  
Charted by: Depth in Feet scaled 1:240

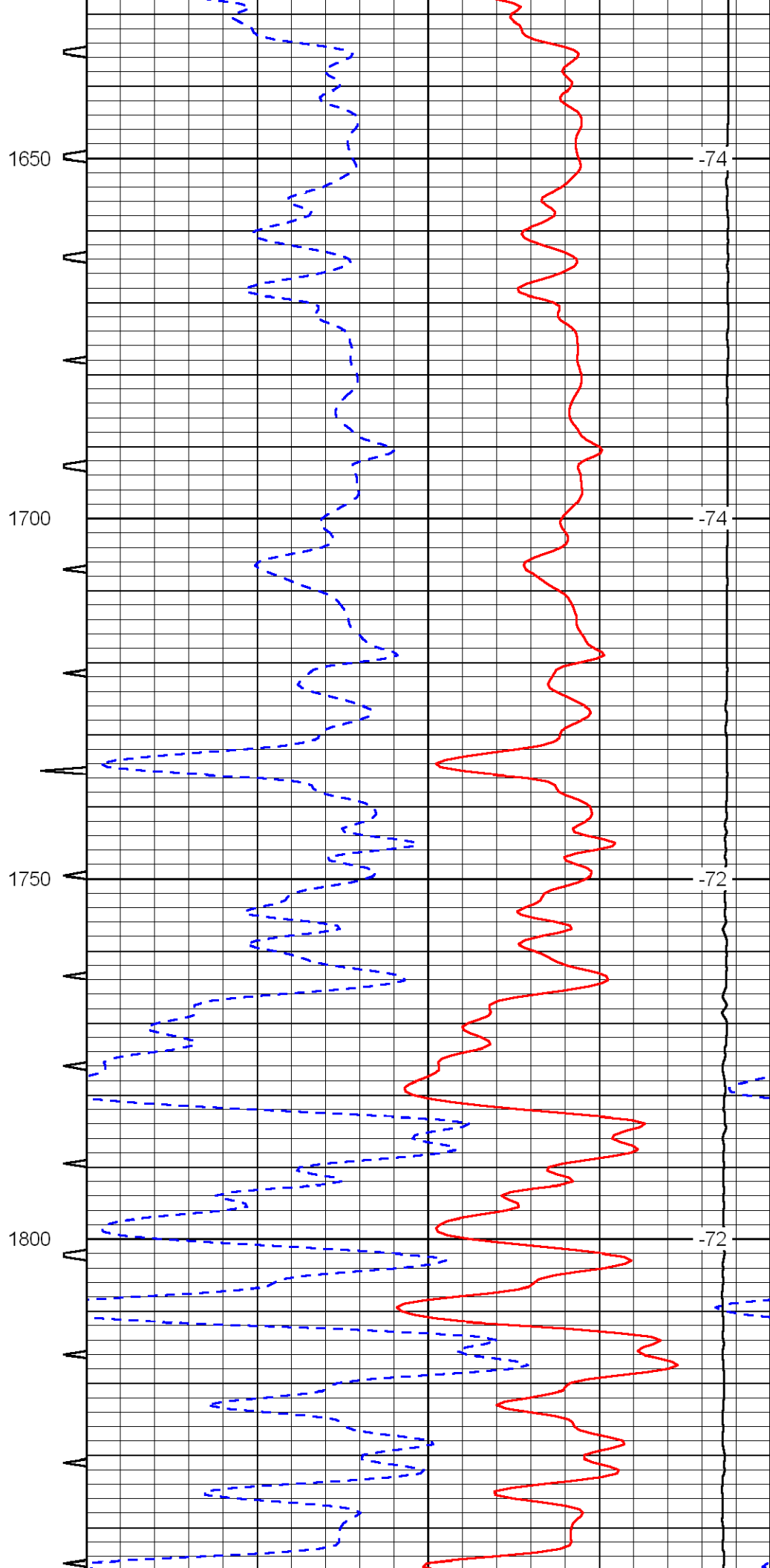
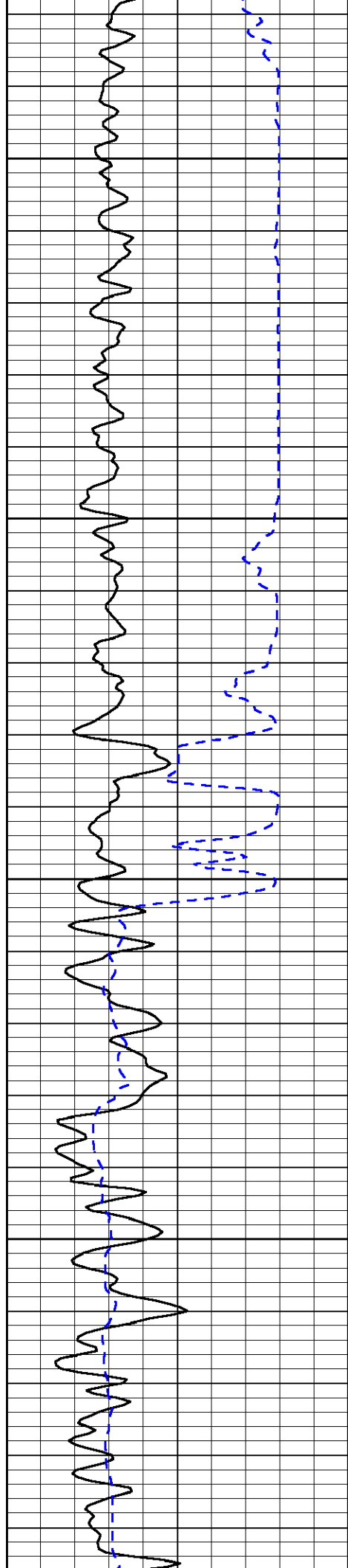
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|-----|-------------|-----|-----------|-----|----------------------|----------------|-----|
| 0   | Gamma Ray   | 150 | Sonic Int | 140 | Delta Time (usec/ft) | 40             |     |
| 150 | Gamma Ray   | 300 | 5         | 0   | 30                   | Sonic Porosity | -10 |
| 6   | dCAL (GAPI) | 16  |           |     | 15000                | LTEN (lb)      | 0   |

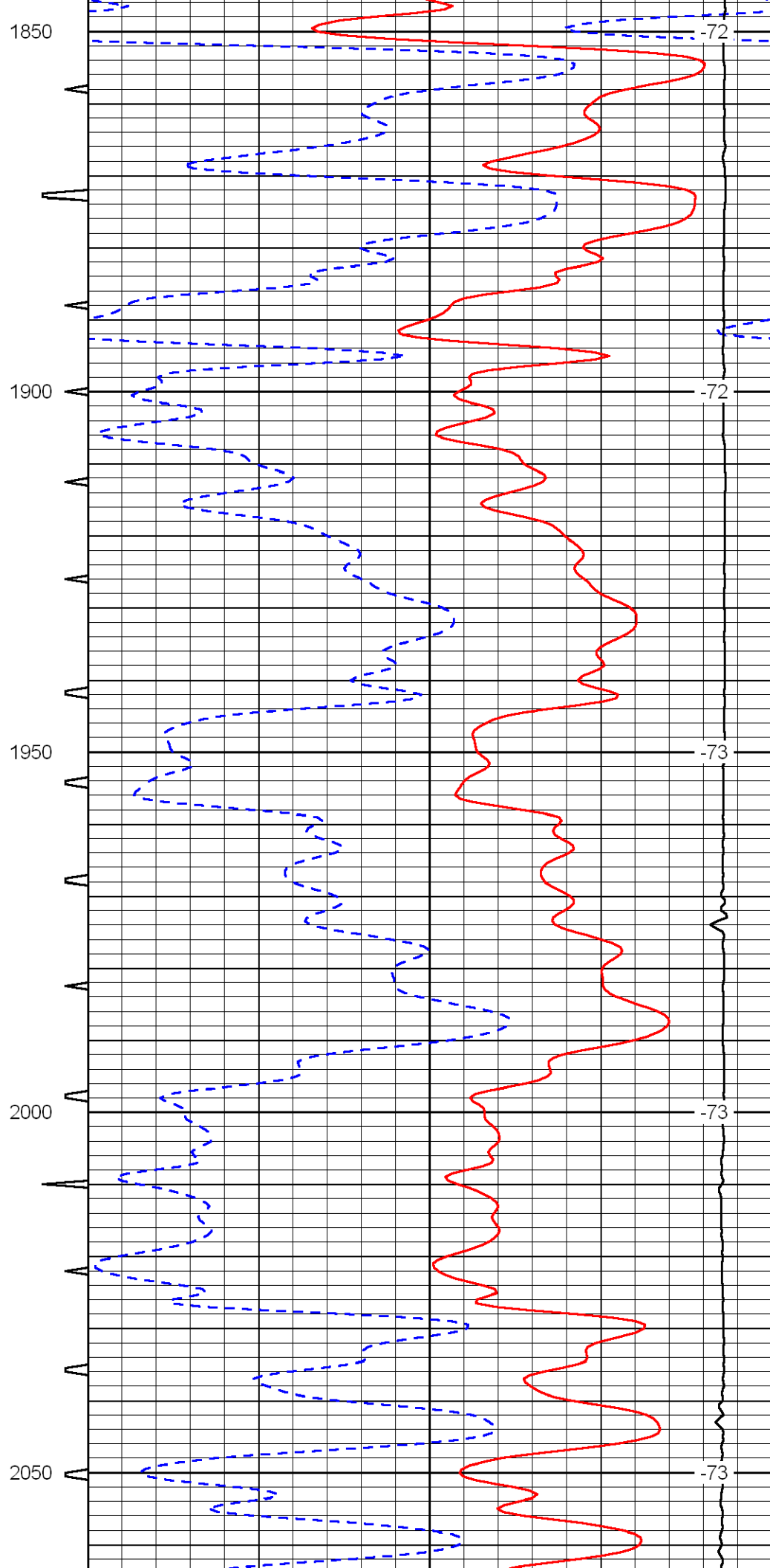
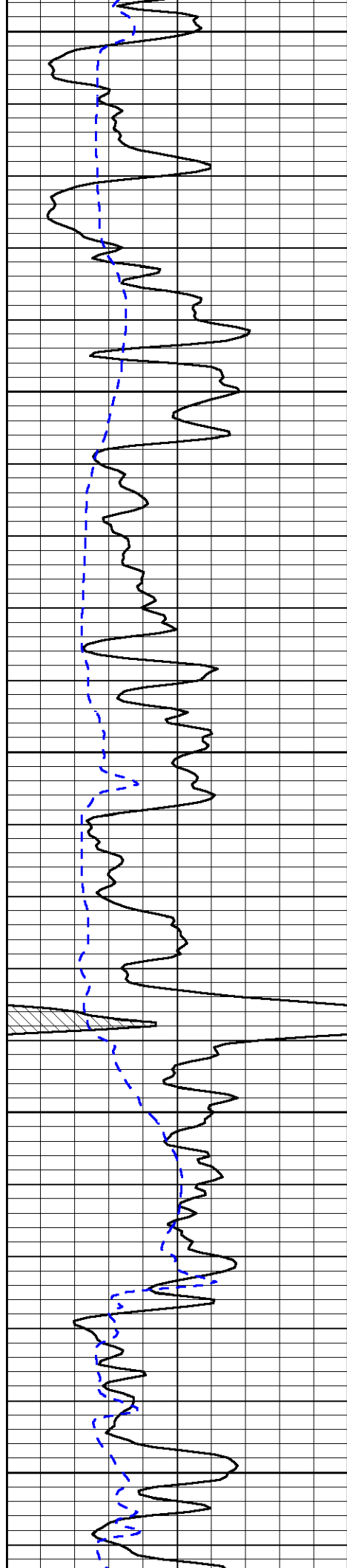
|  |  |  |  |  |  |  |      |
|--|--|--|--|--|--|--|------|
|  |  |  |  |  |  |  | LSPD |
|--|--|--|--|--|--|--|------|

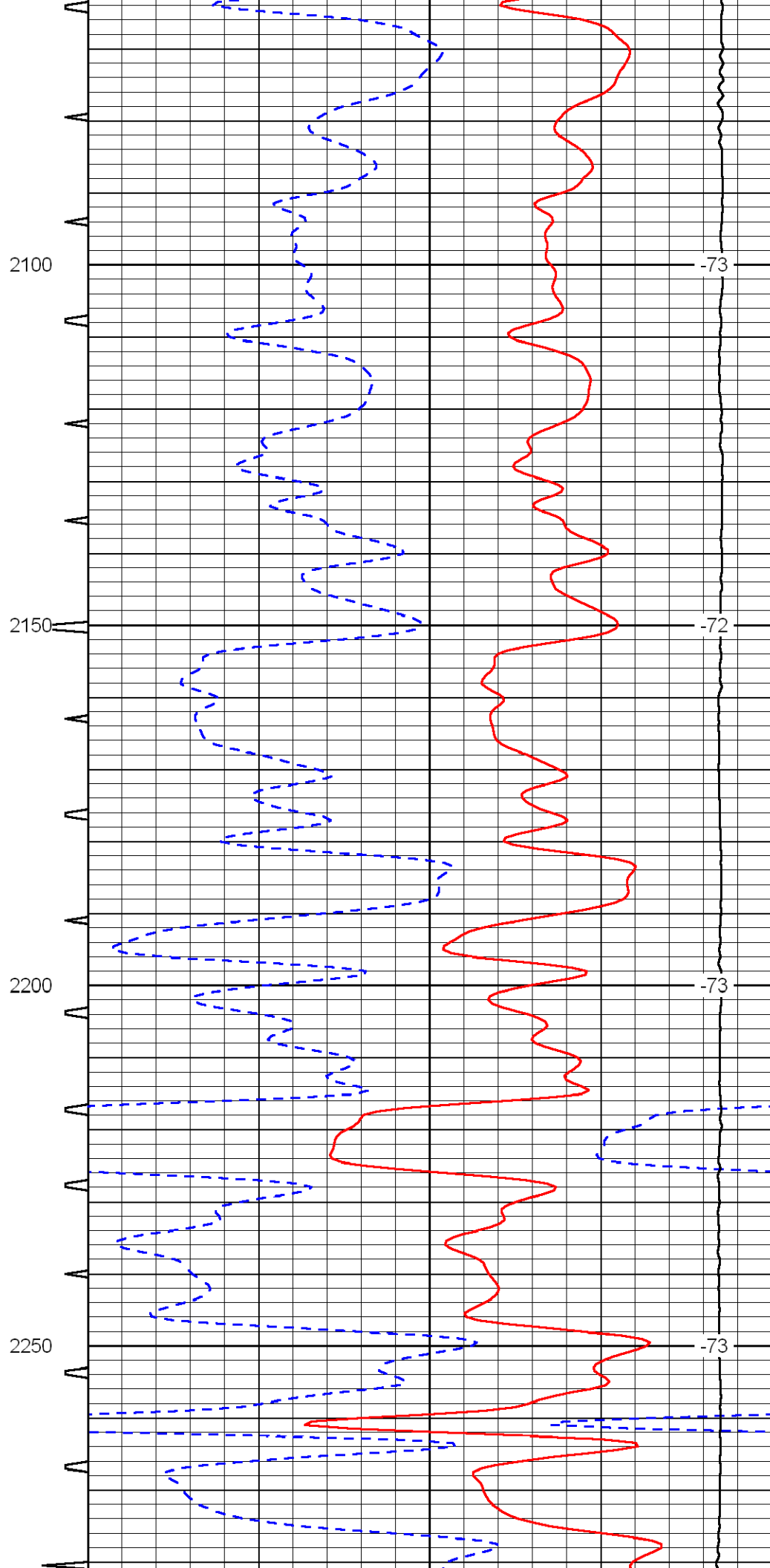
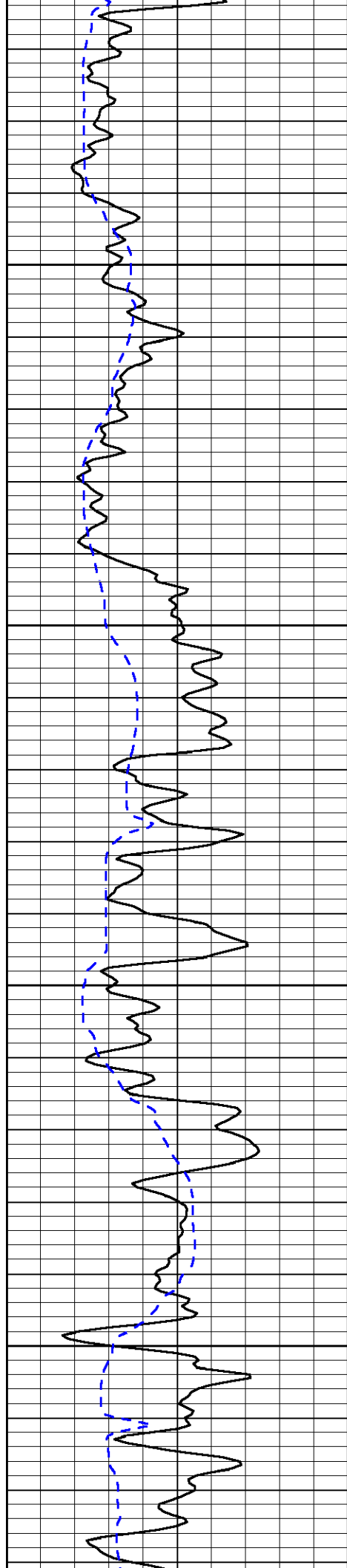


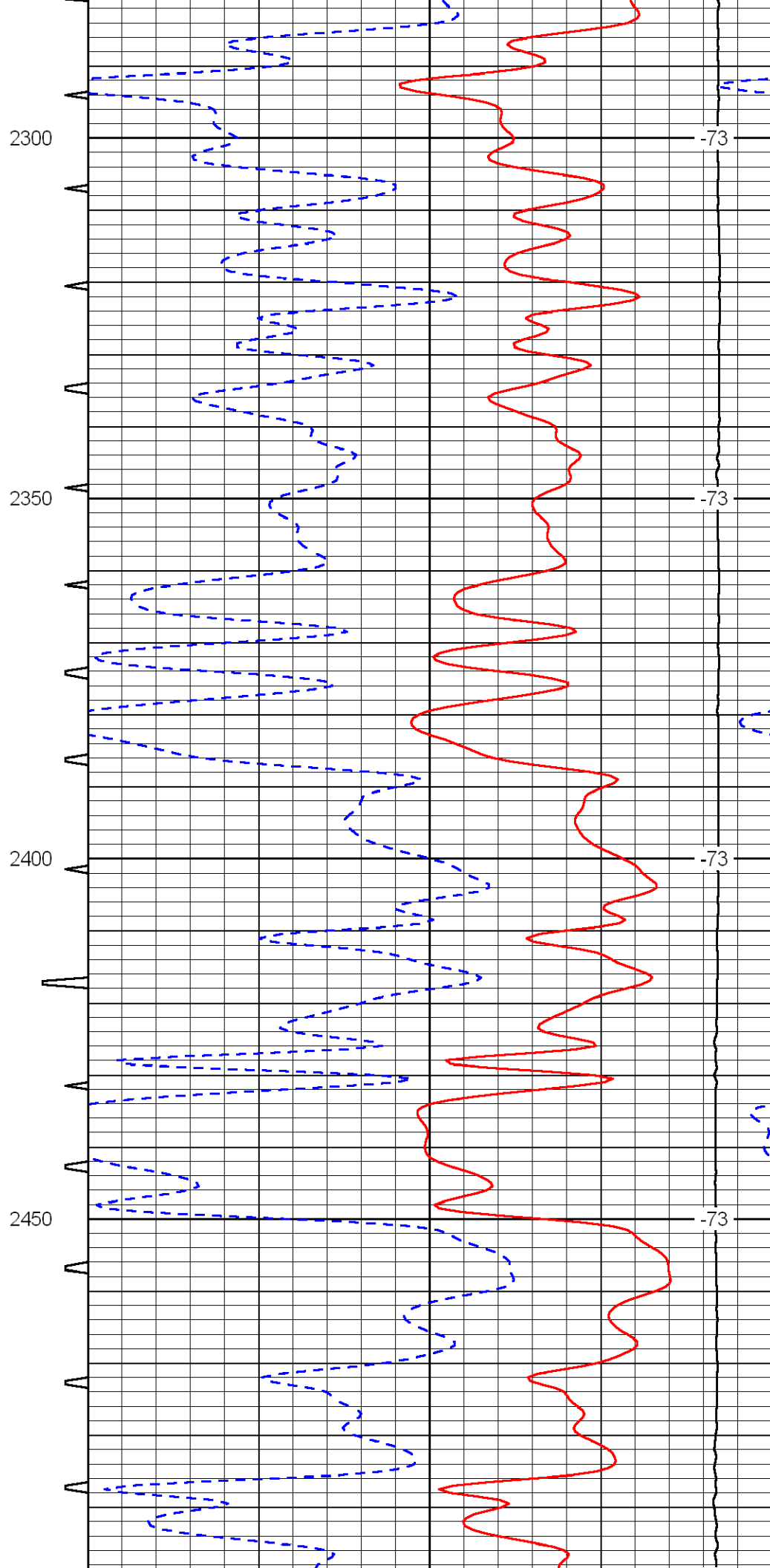
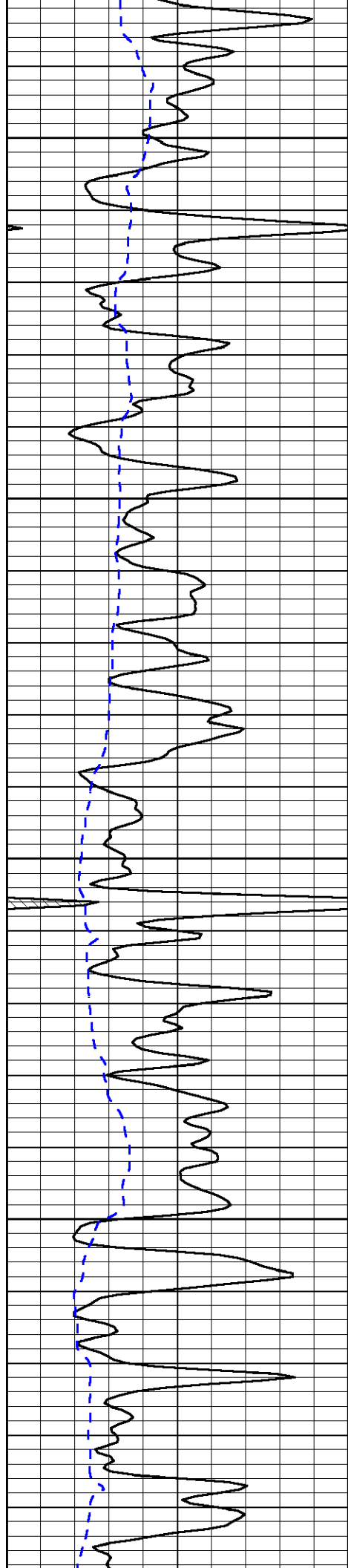


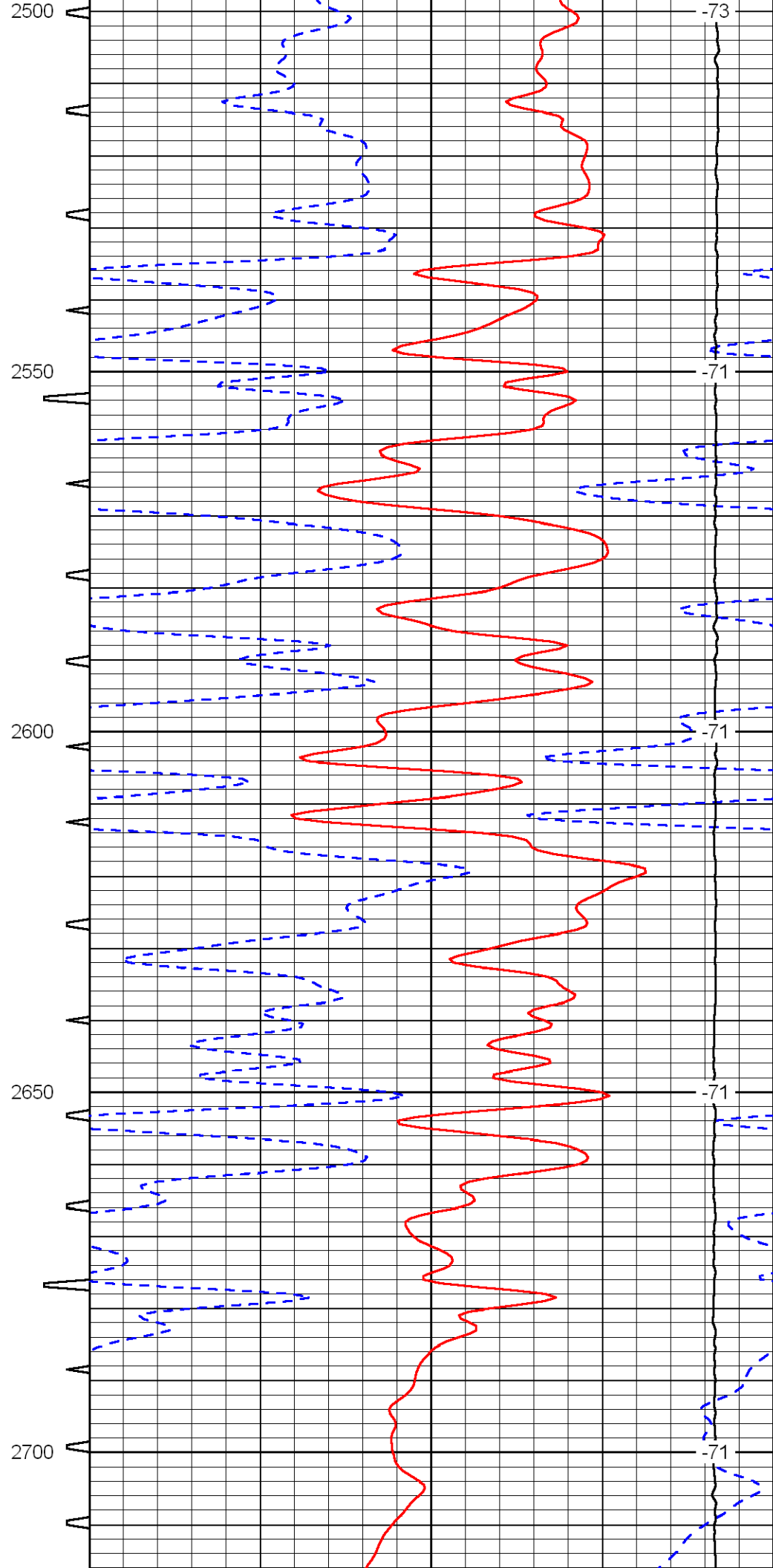
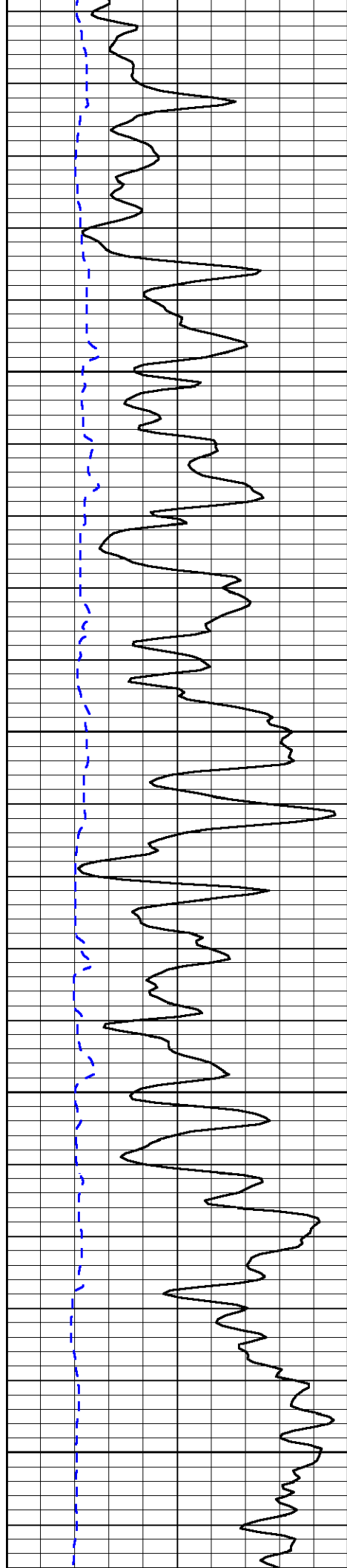


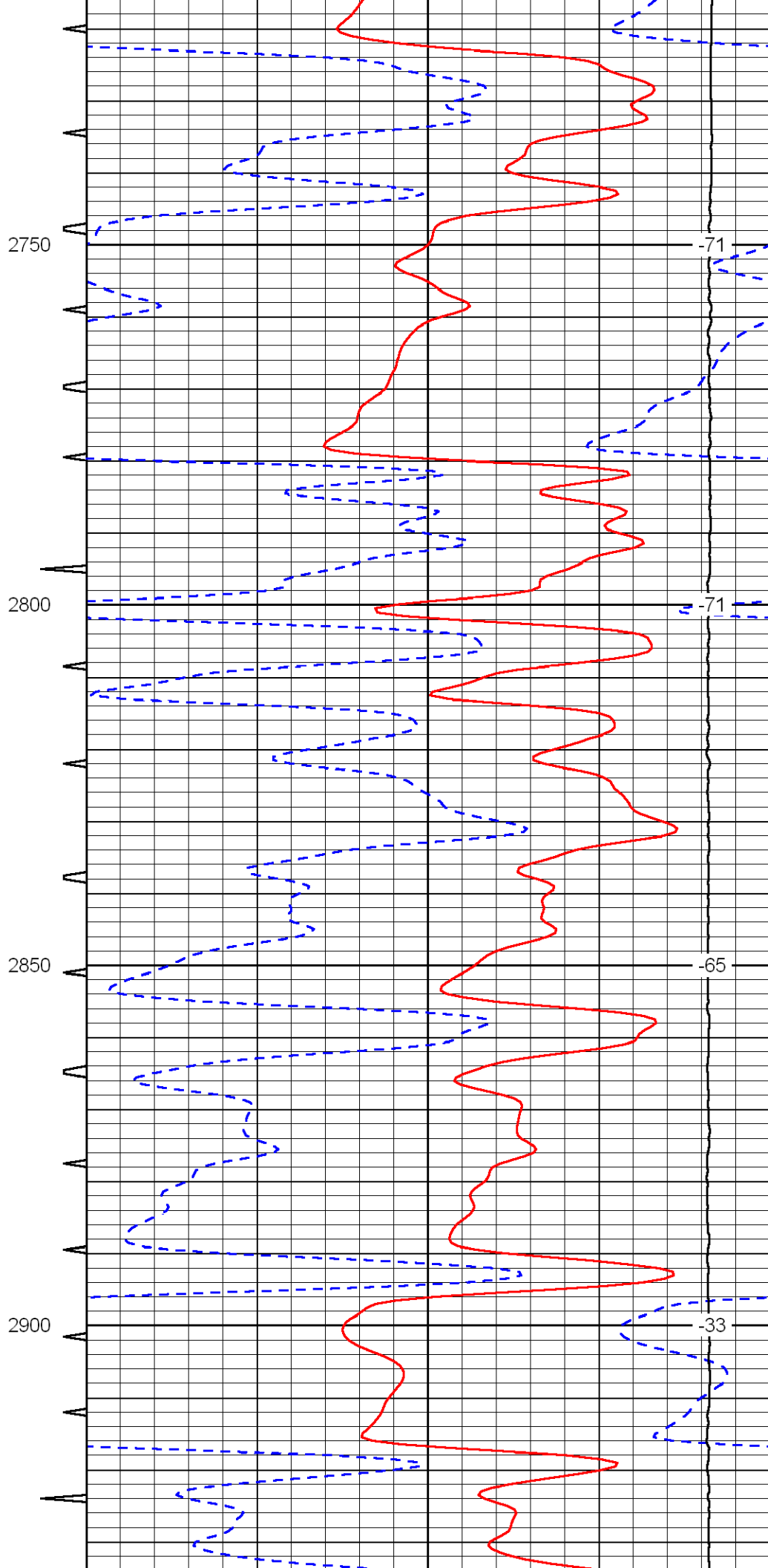
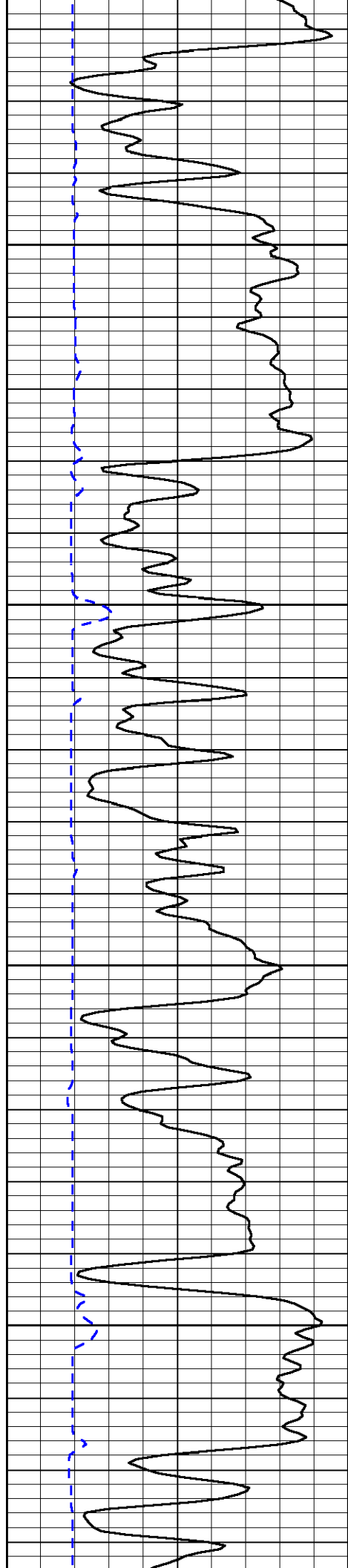


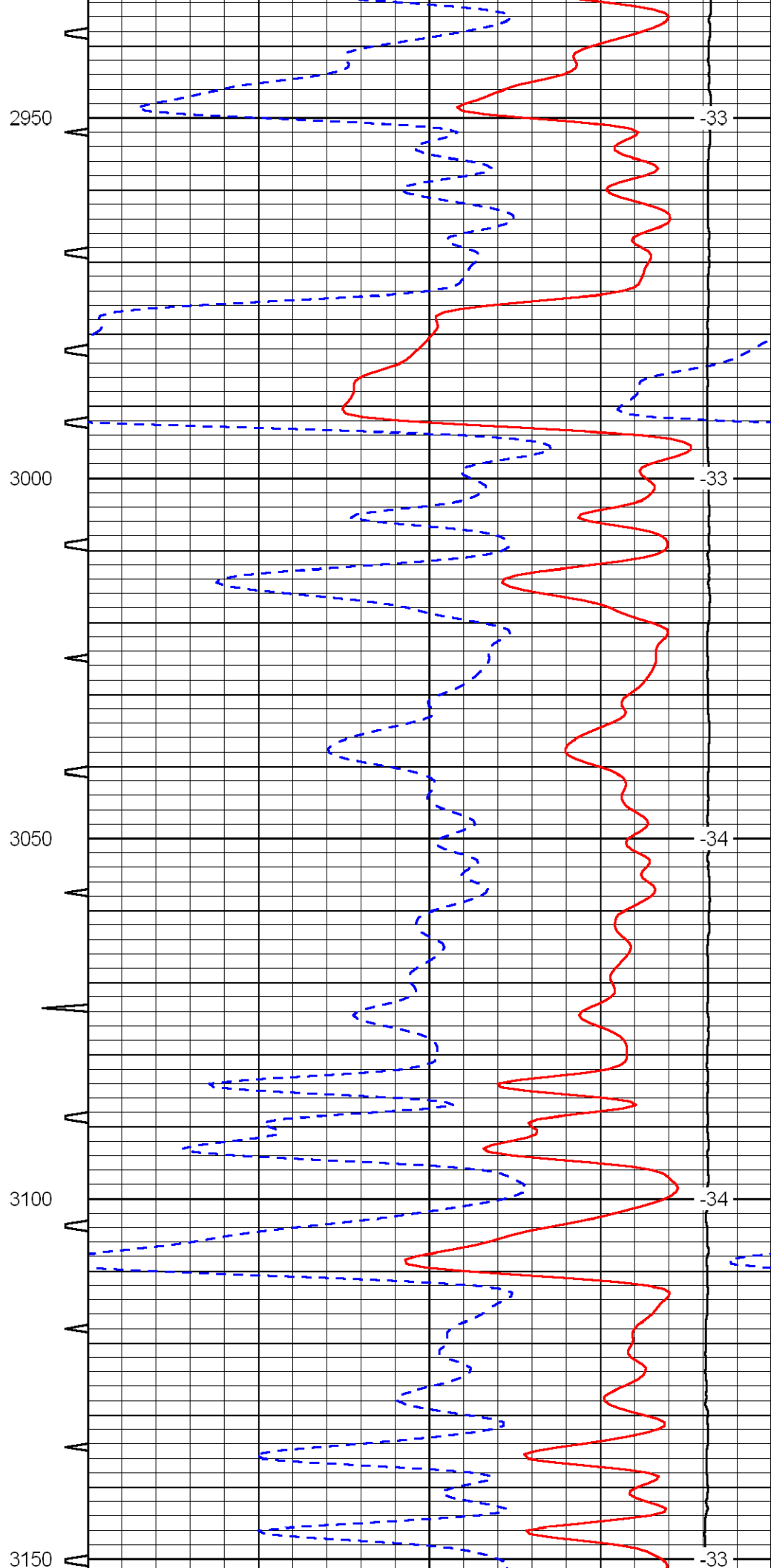
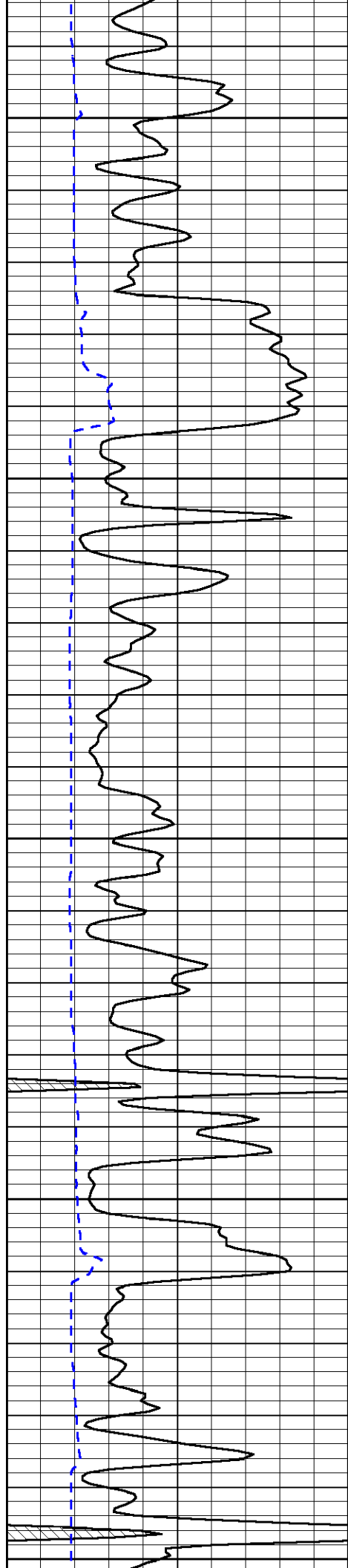


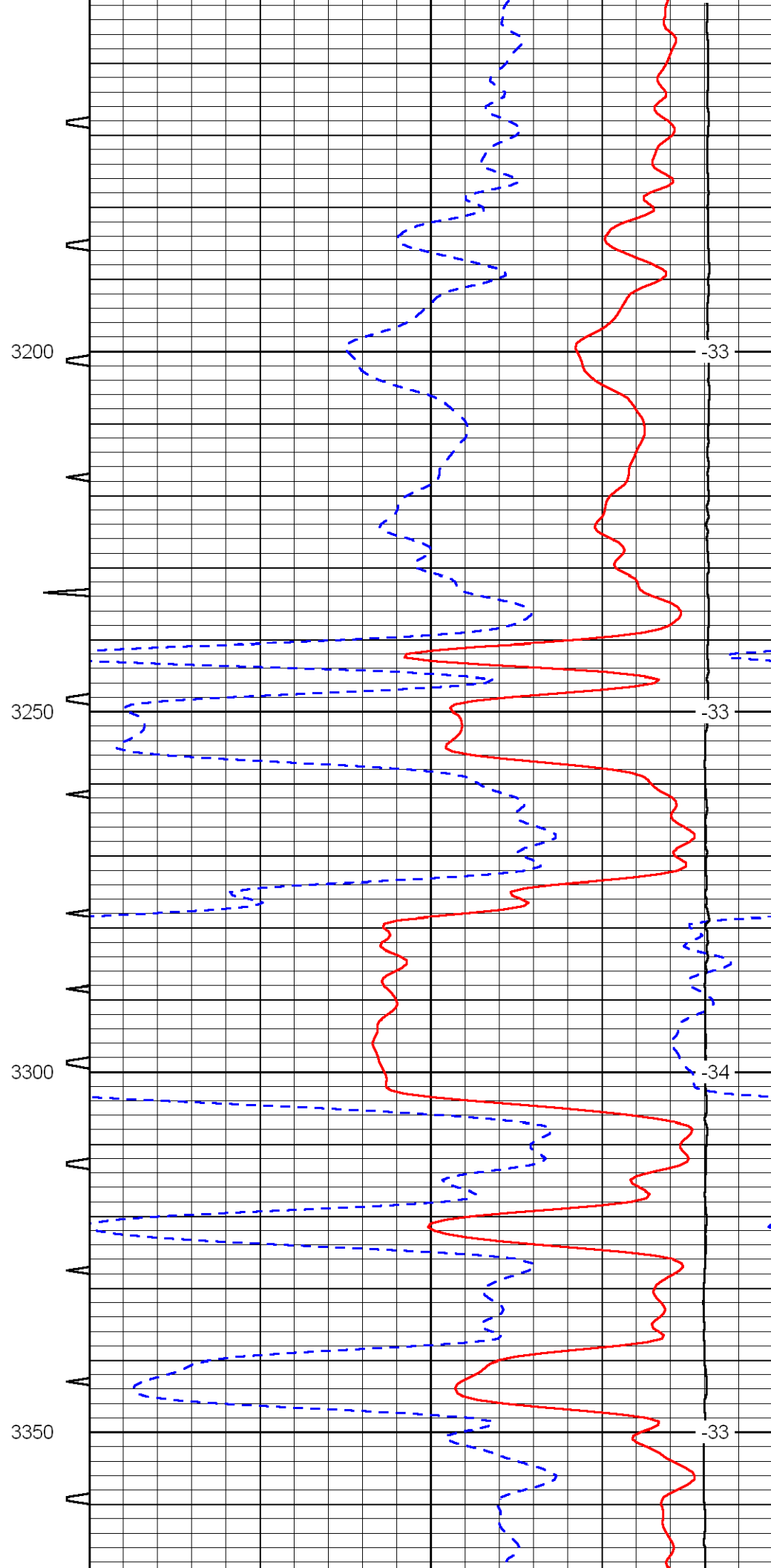
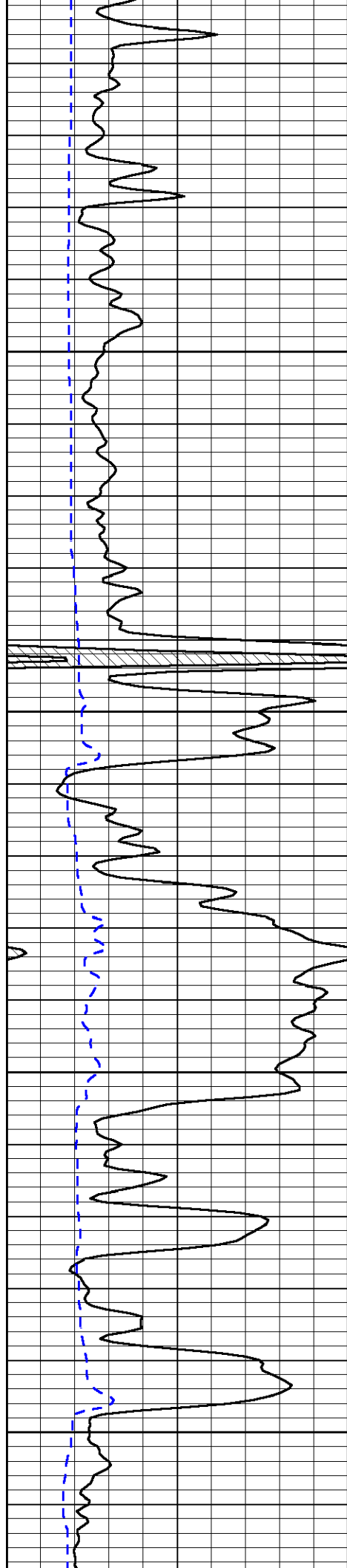


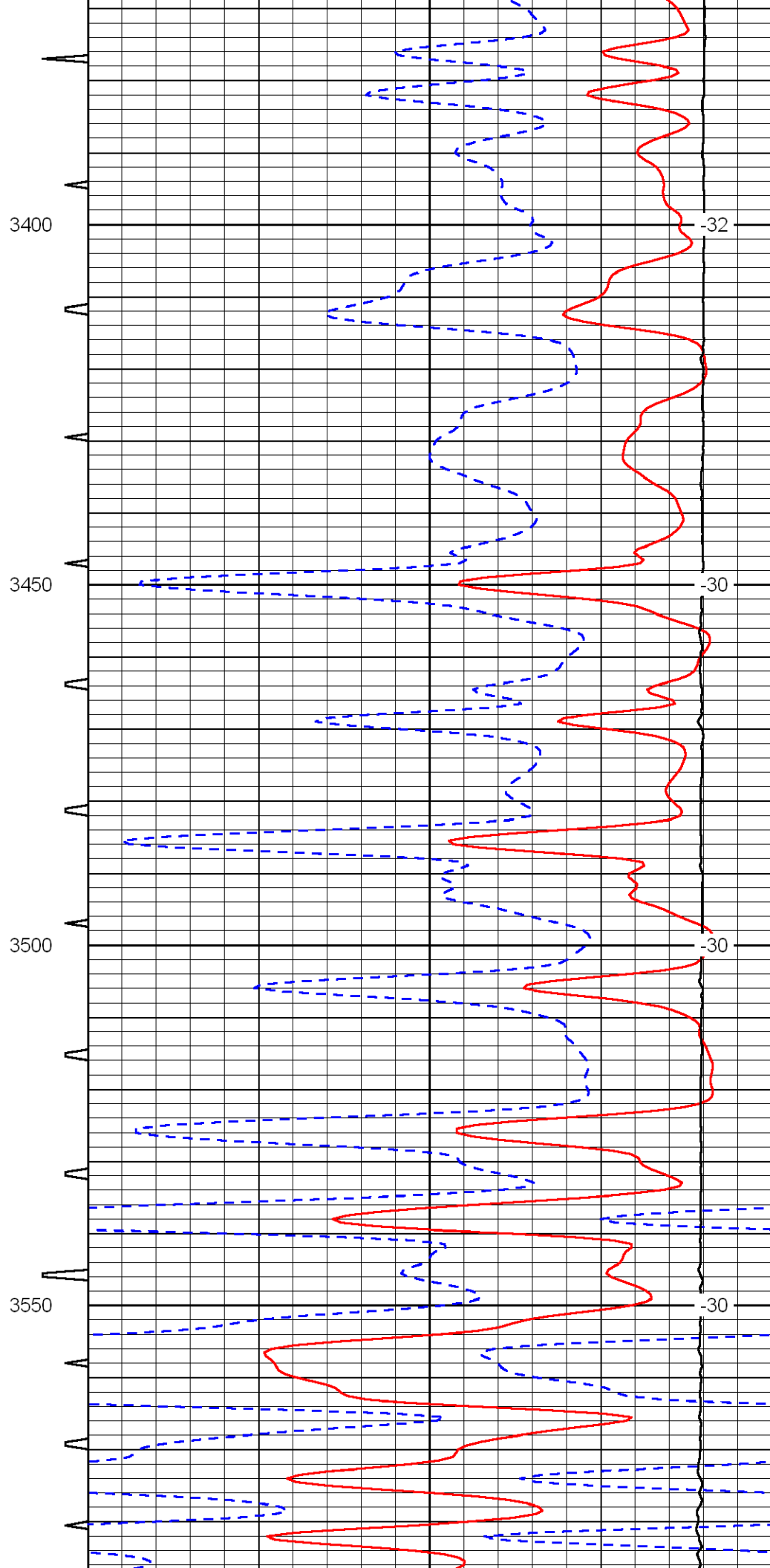
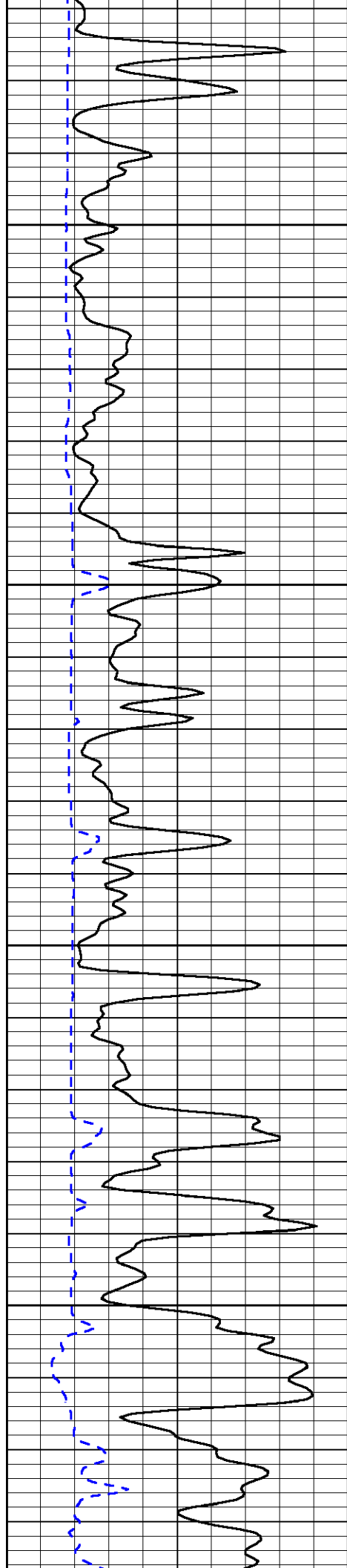


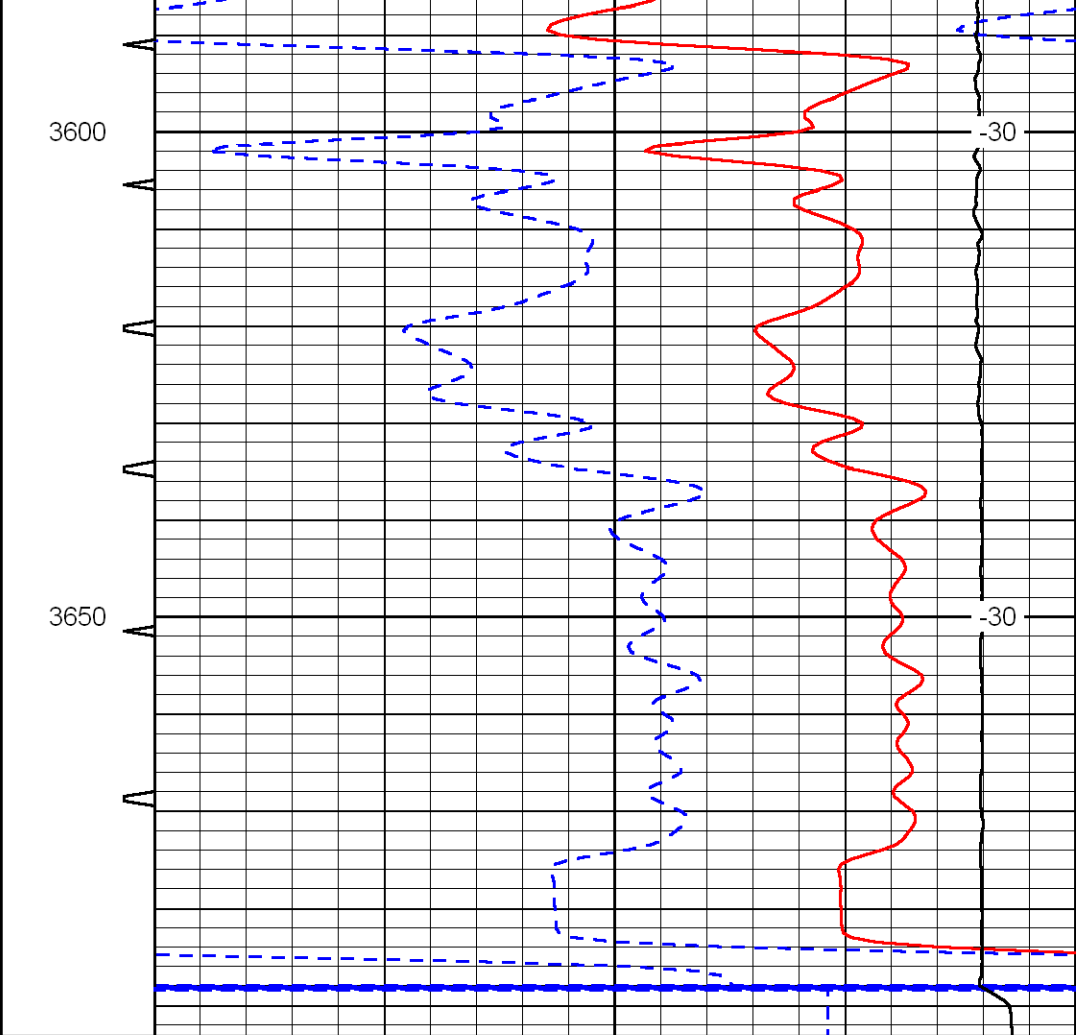
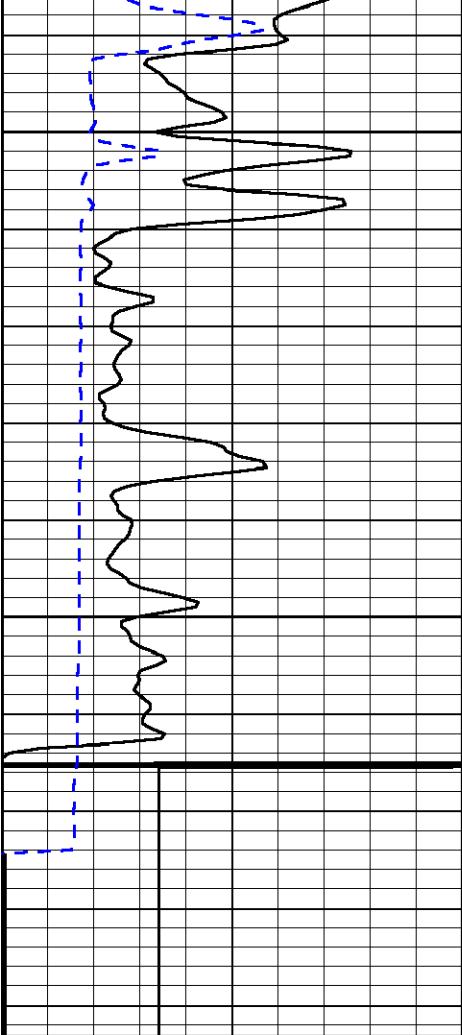












|     |             |     |           |     |                      |      |
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