



**Borehole Compensated
Sonic Log**

DIGITAL LOG (785) 625-3858

| | | |
|--|---|---|
| API No. 15-159-22,602-00-00 | Company Gilbert & Stewart Operating LLC | Other Services CNL / CDL MEL / DIL |
| Well Lincoln #4 | Field Chase-Silica | |
| County Rice | State Kansas | |
| Location 540' FSL & 1570' FEL | | |
| Sec: 16 Twp: 19 S Rge: 9 W | | |
| Permanent Datum Log Measured From Drilling Measured From | Ground Level Kelly Bushing Kelly Bushing | Elevation 1702 10 Ft. Above Perm. Datum 1702 |

| | |
|------------------------|--------------|
| Date | 2/10/2010 |
| Run Number | Two |
| Type Log | BHC Sonic |
| Depth Driller | 3340 |
| Depth Logger | 3338 |
| Bottom Logged Interval | 3327 |
| Top Logged Interval | 300 |
| Type Fluid In Hole | Chemical |
| Salinity, PPM CL | 6,200 |
| Density | 9.3 |
| Level | Full |
| Max. Rec. Temp. F | 109 |
| Operating Rig Time | 3 1/2 Hours |
| Equipment -- Location | 17 Hays |
| Recorded By | T. Martin |
| Witnessed By | Adam Kennedy |

| Run No | Bit | Borehole Record | | Casing Record | |
|--------|-------|-----------------|------|---------------|-----|
| | | From | To | From | To |
| 1 | 12.25 | 00 | 309 | 8.625 | 24# |
| 2 | 7.875 | 309 | 3340 | | |
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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.

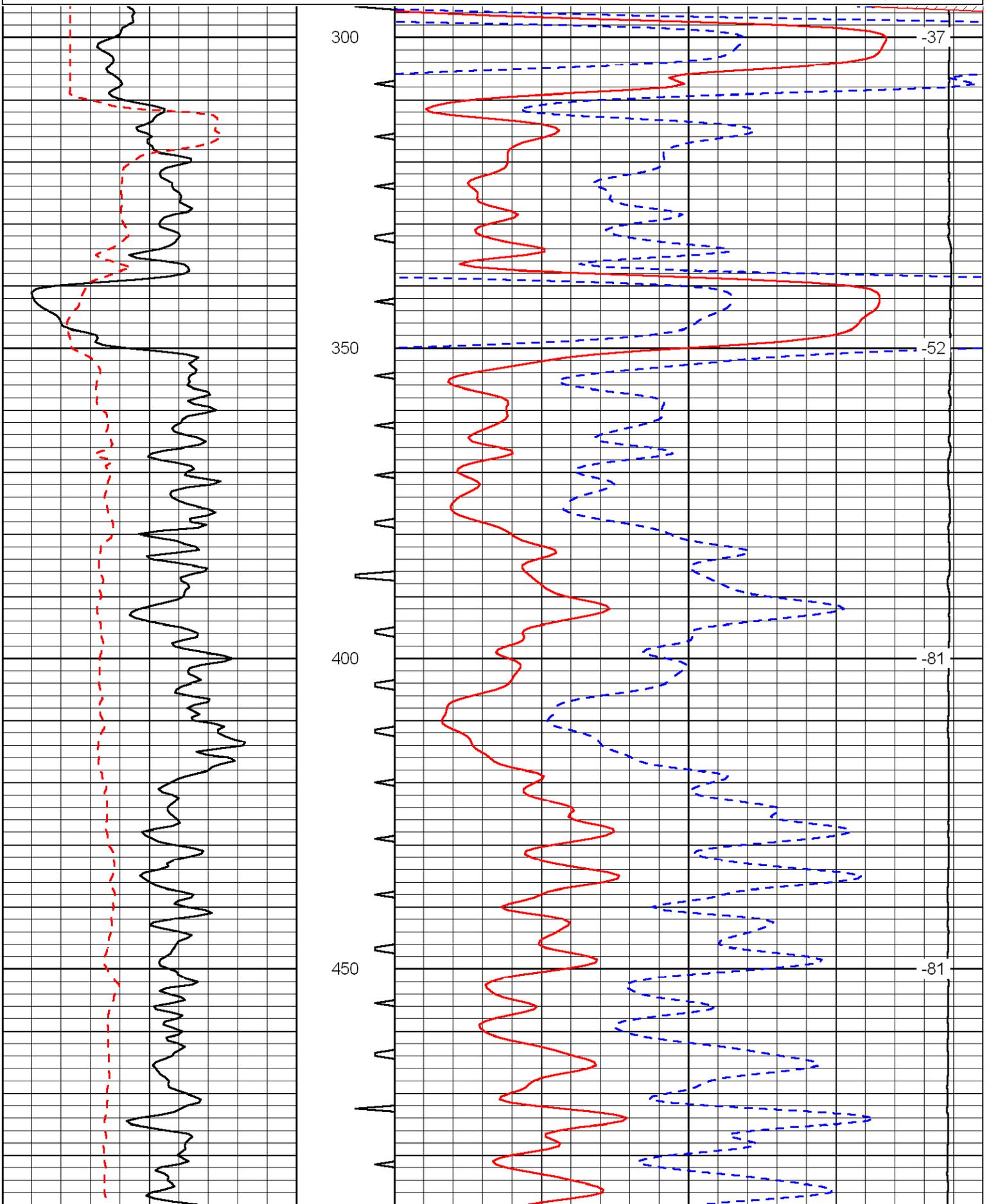
Comments

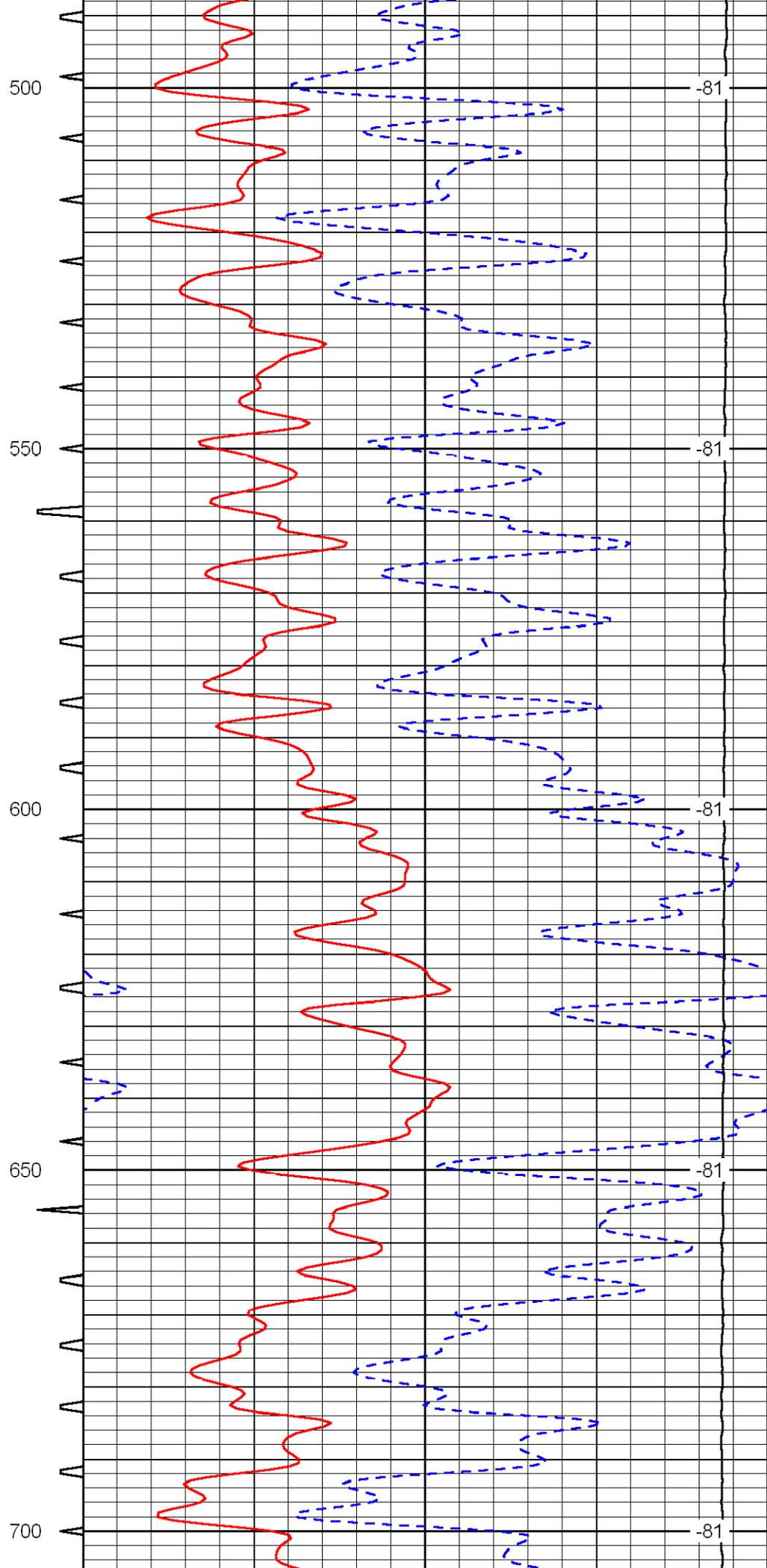
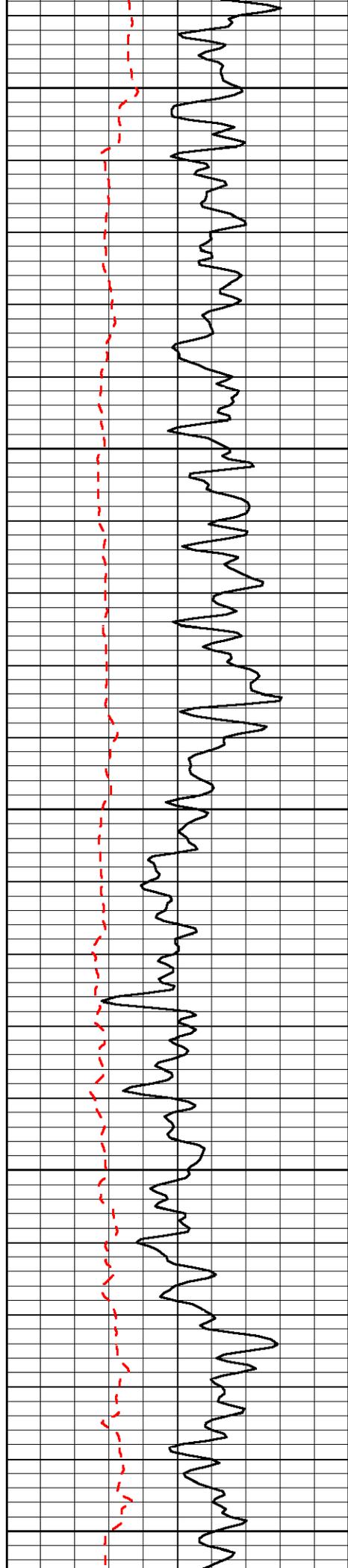
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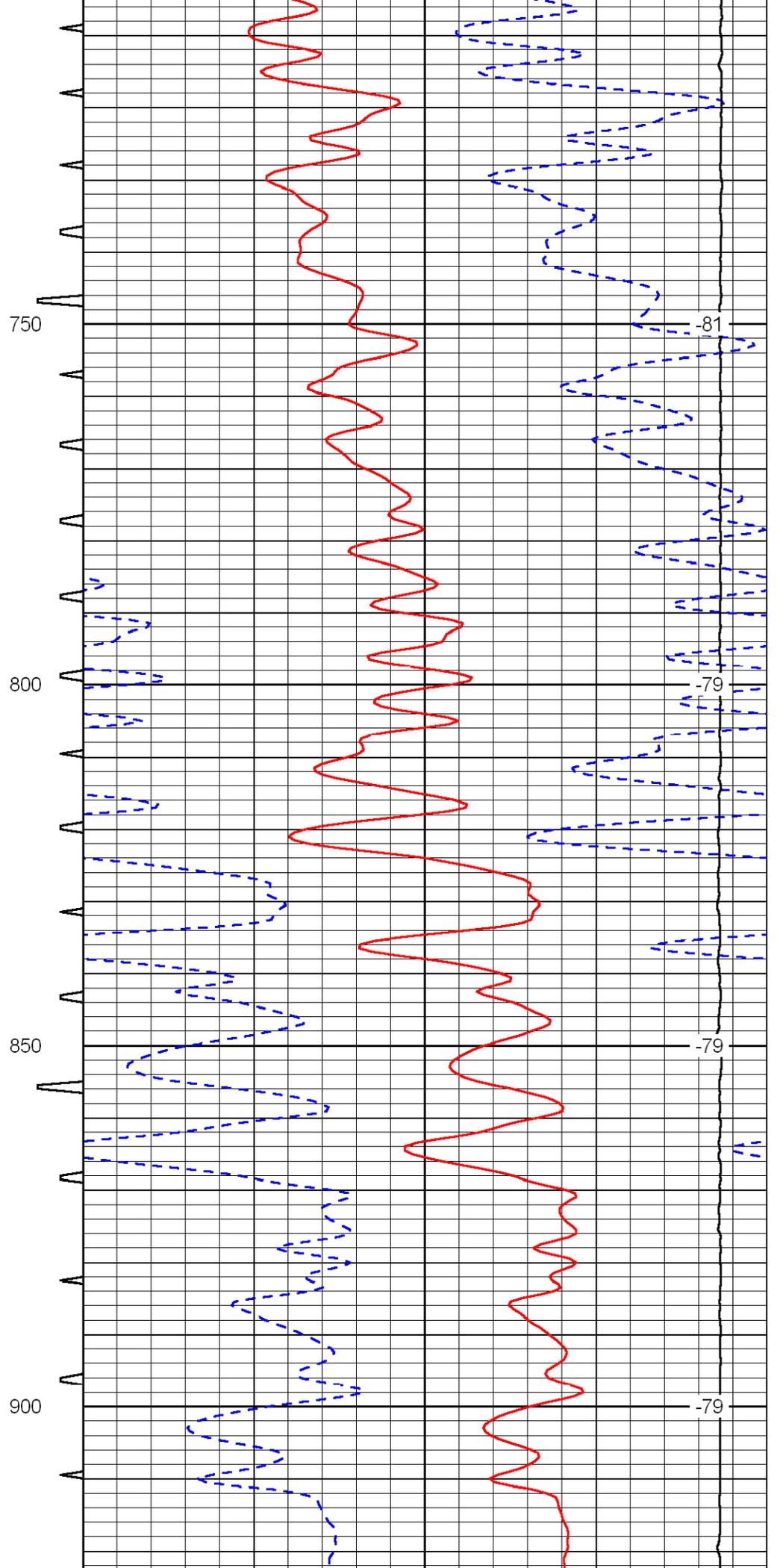
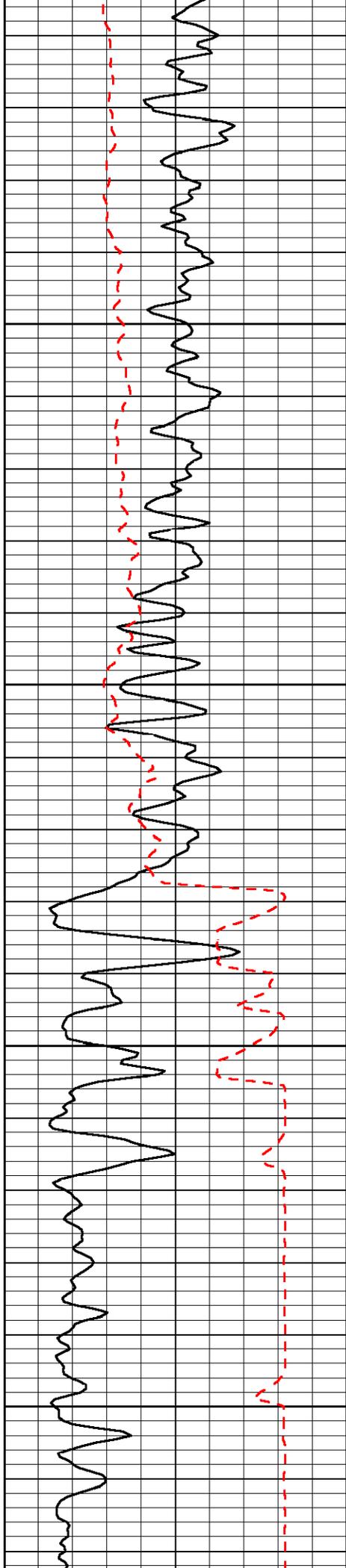
Chase, N to J Rd, 1 3/4 E, N into

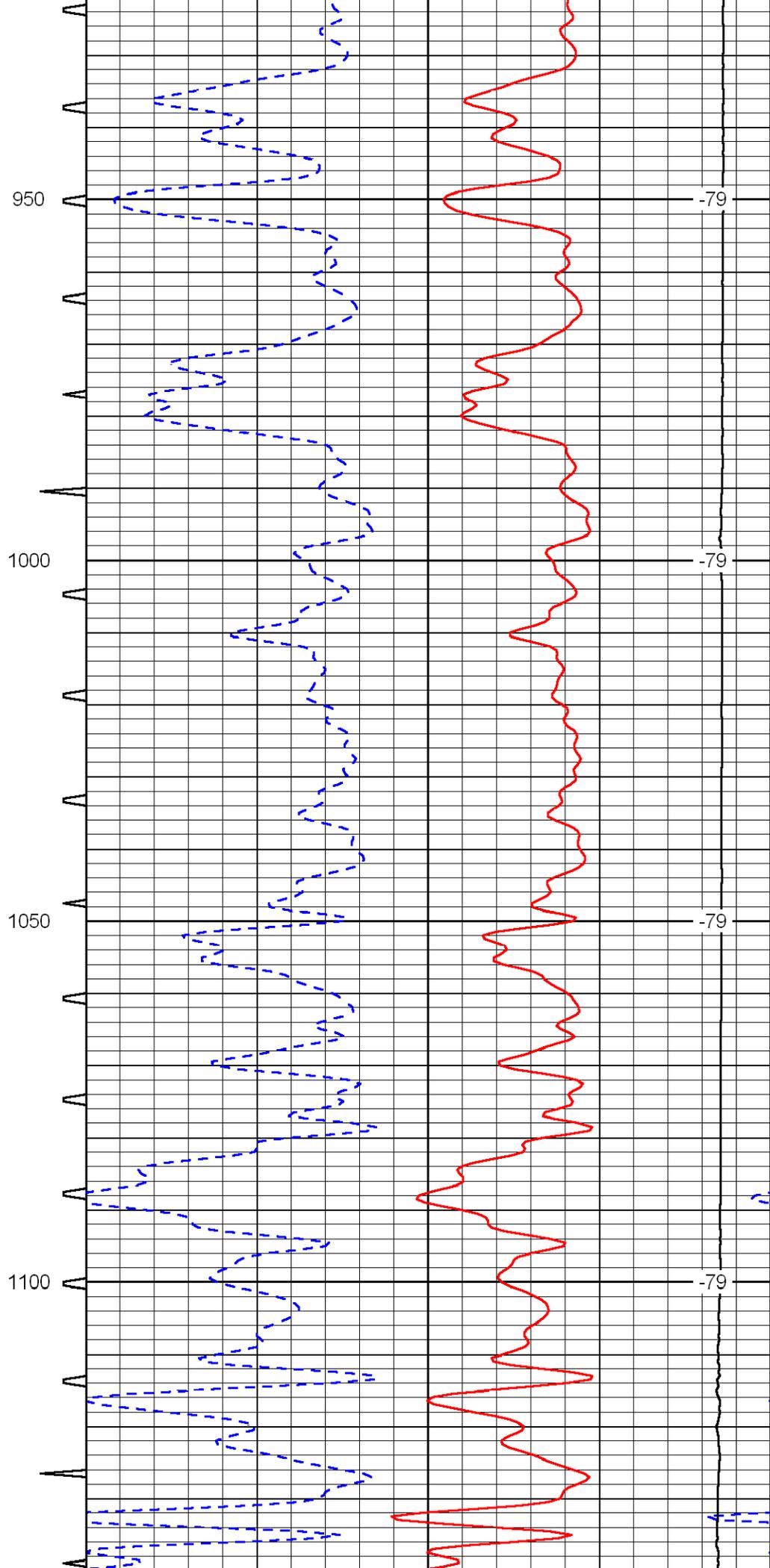
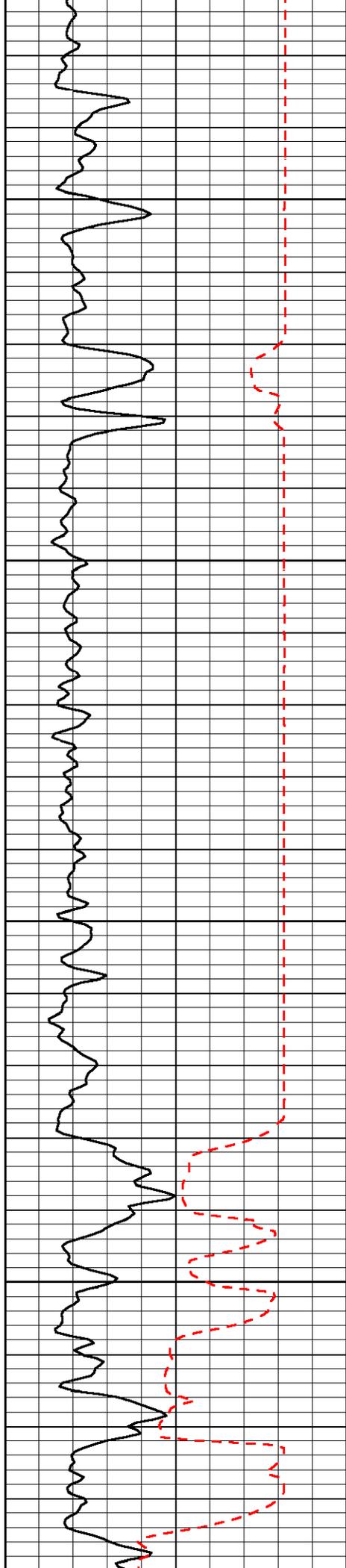
Database File: c:\warrior\data\gil-stew_lincoln #4\gilberthd.db
 Dataset Pathname: dil/gsstk
 Presentation Format: sonic
 Dataset Creation: Wed Feb 10 21:18:36 2010
 Charted by: Depth in Feet scaled 1:240

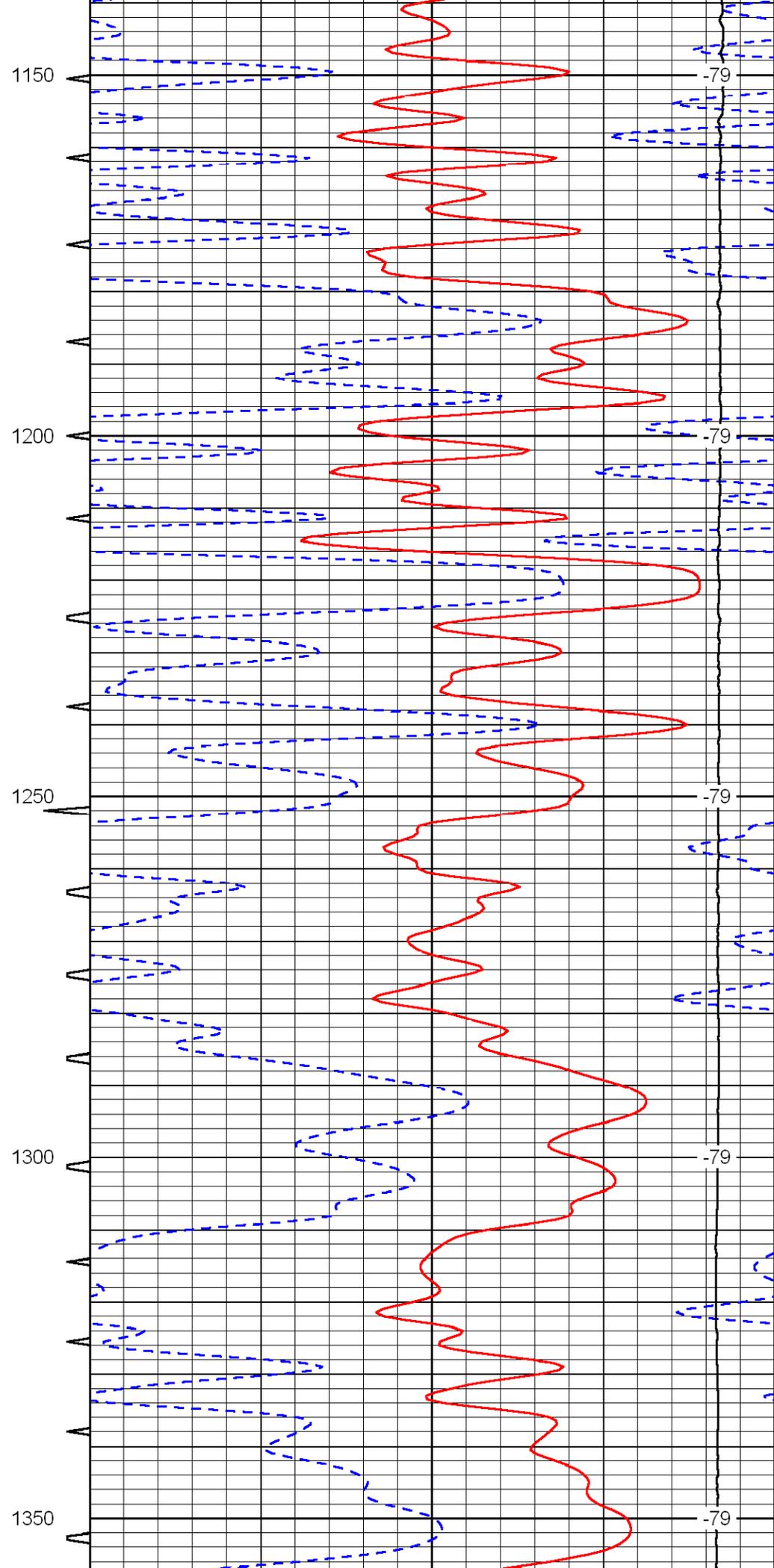
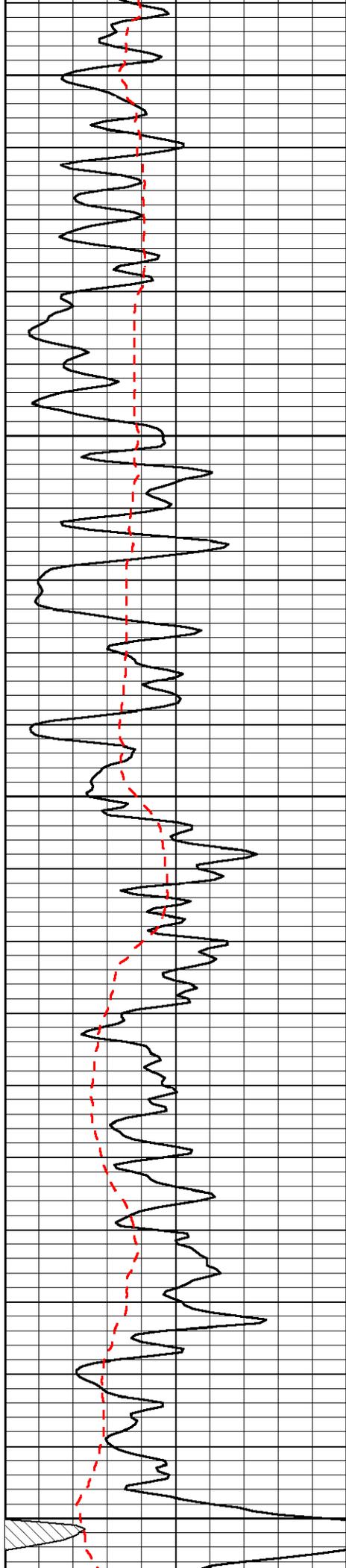
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|-----|--------------|-----|-----------|-------|--------------------------------|---------------|
| 0 | Gamma Ray | 150 | Sonic Int | 140 | Delta Time (usec/ft) (usec/ft) | 40 |
| 150 | Gamma Ray | 300 | 5 (msec) | 0 | SPOR (pu) | -10 |
| 6 | Caliper (in) | 16 | | 15000 | LTEN (lb) (lb) | 0 |
| | | | | | | LSPD (ft/min) |

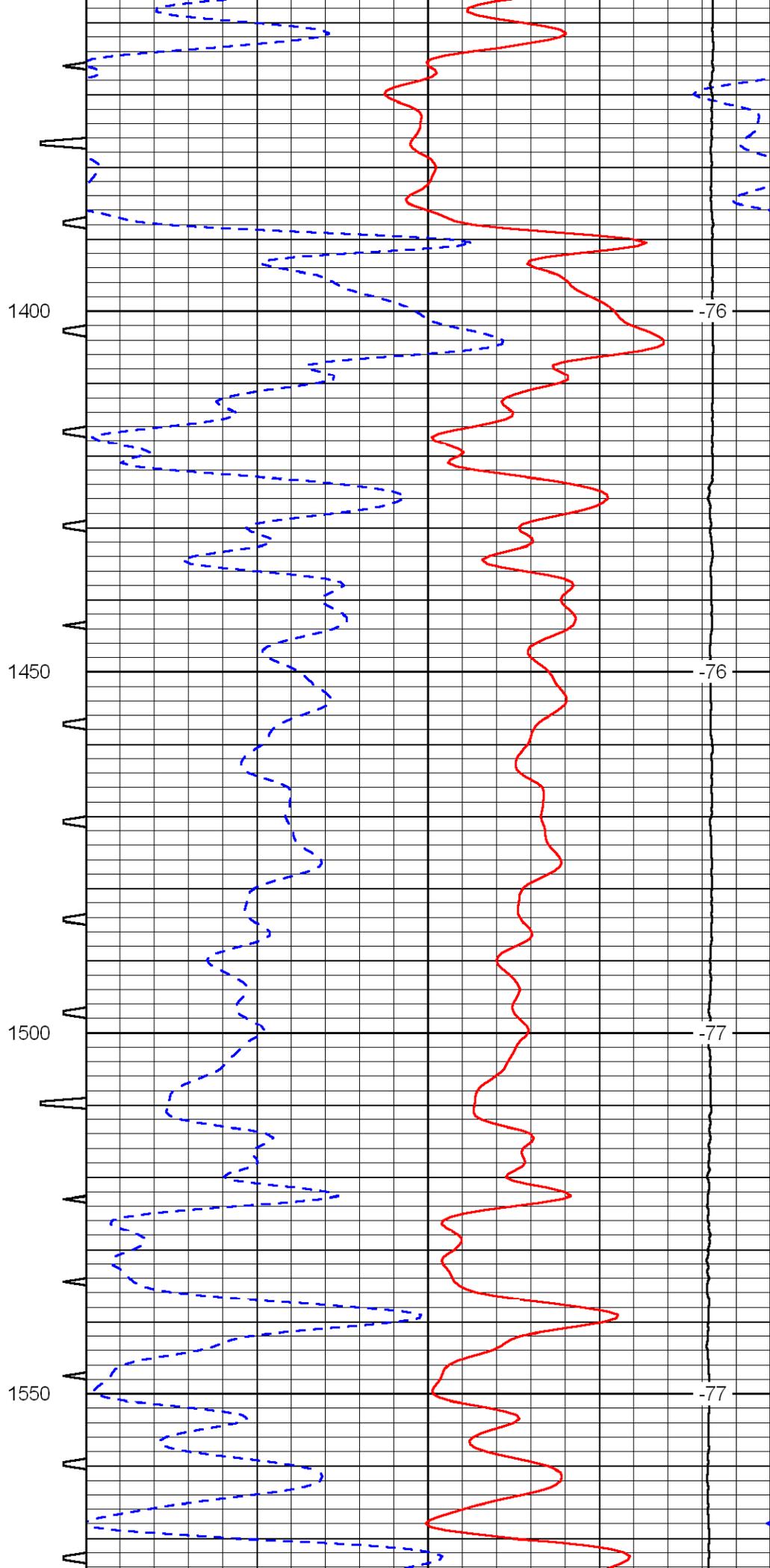
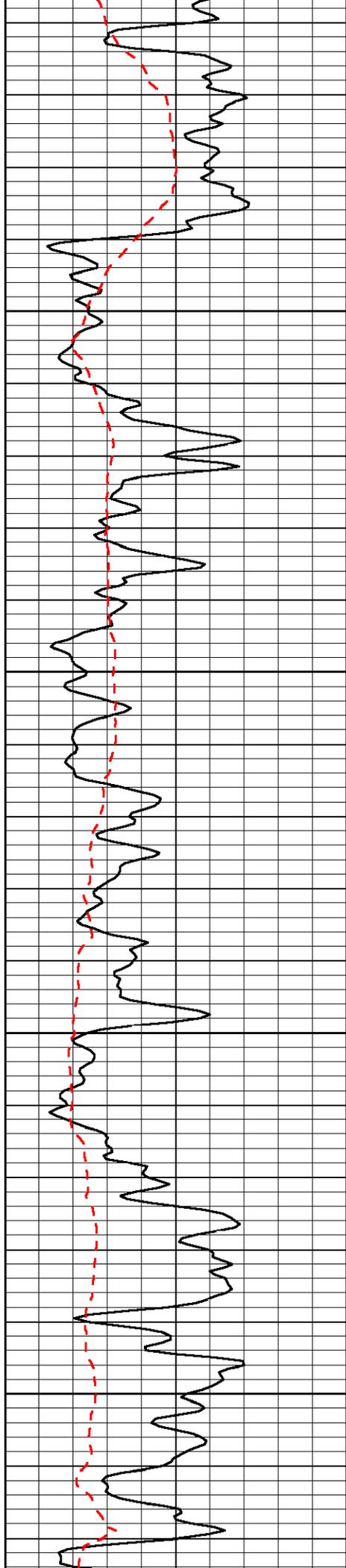


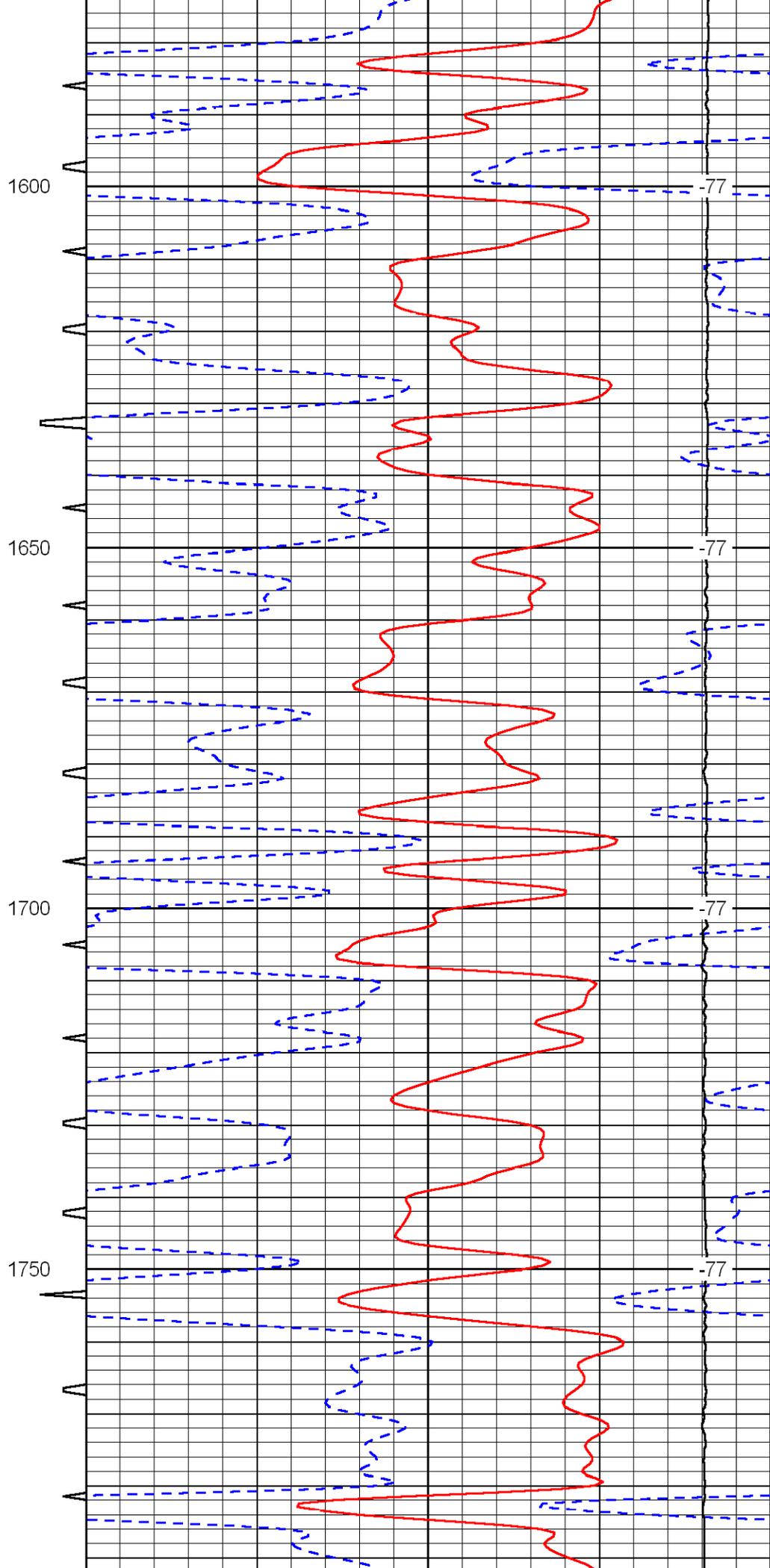
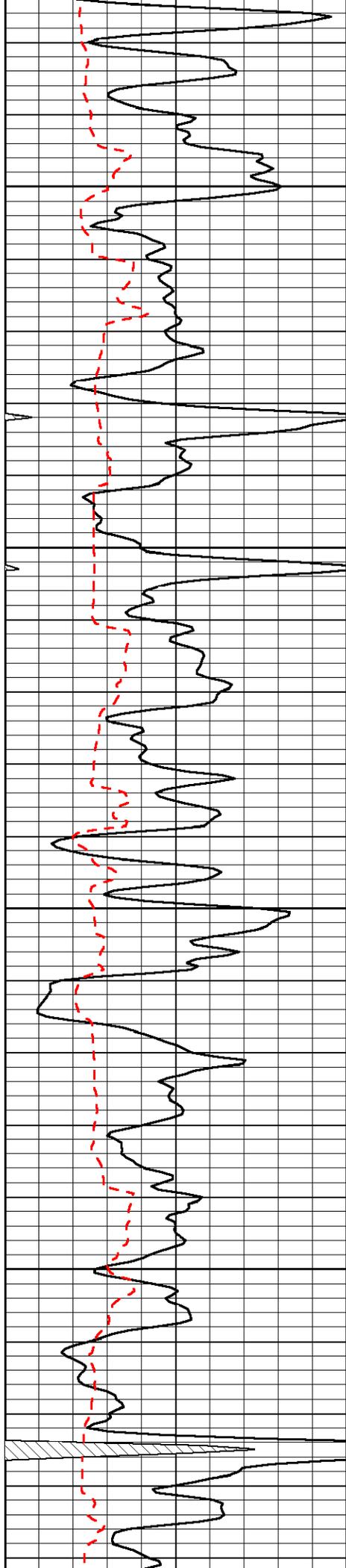


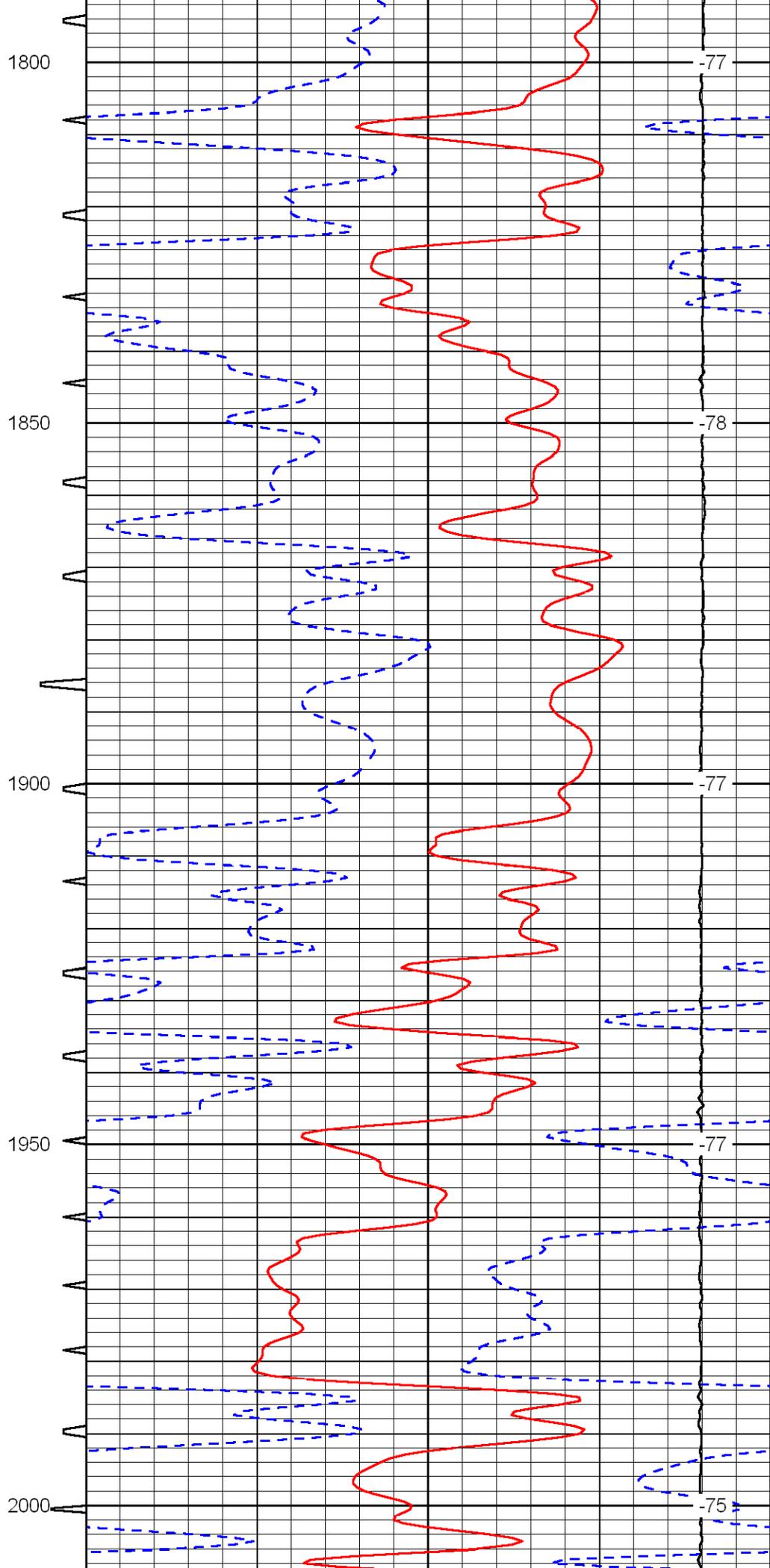
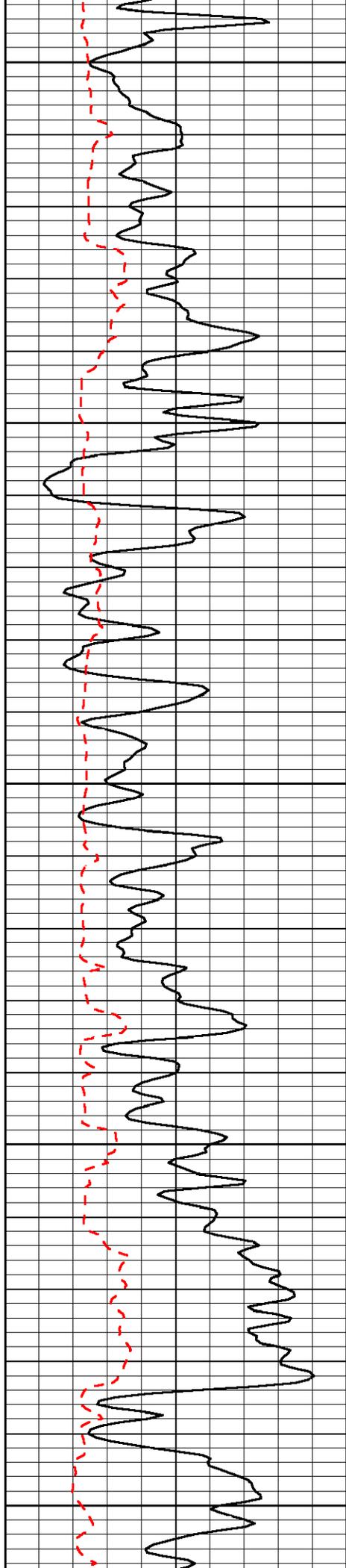


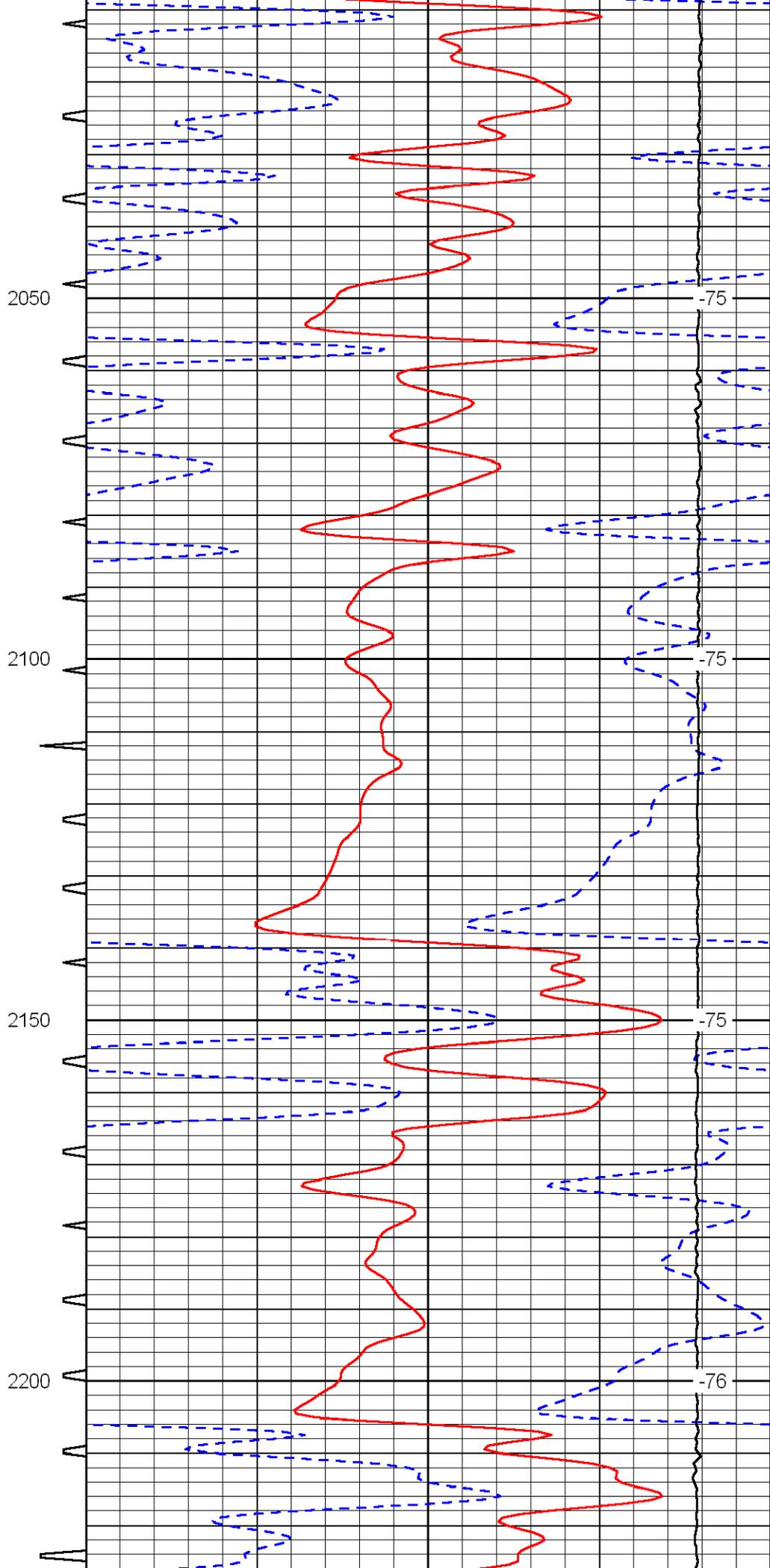
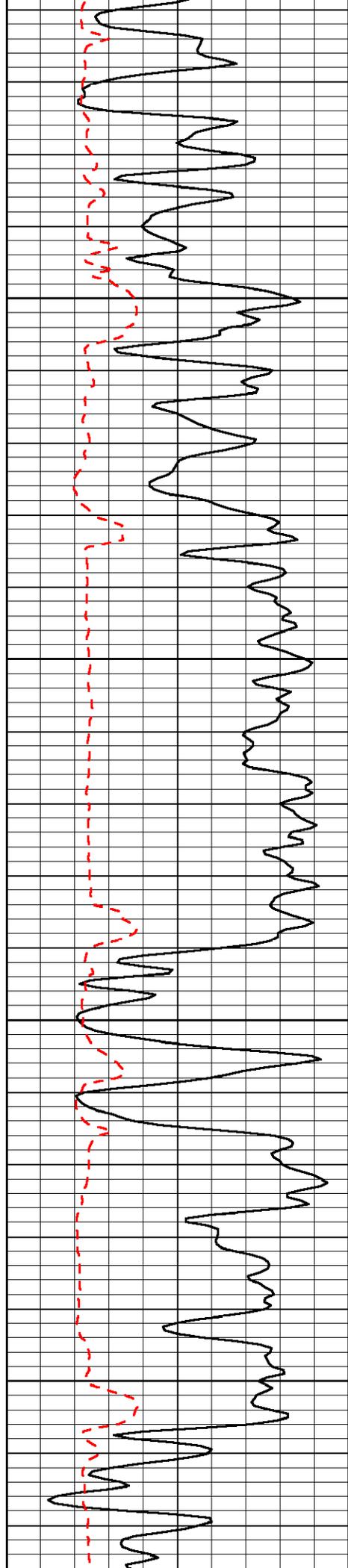


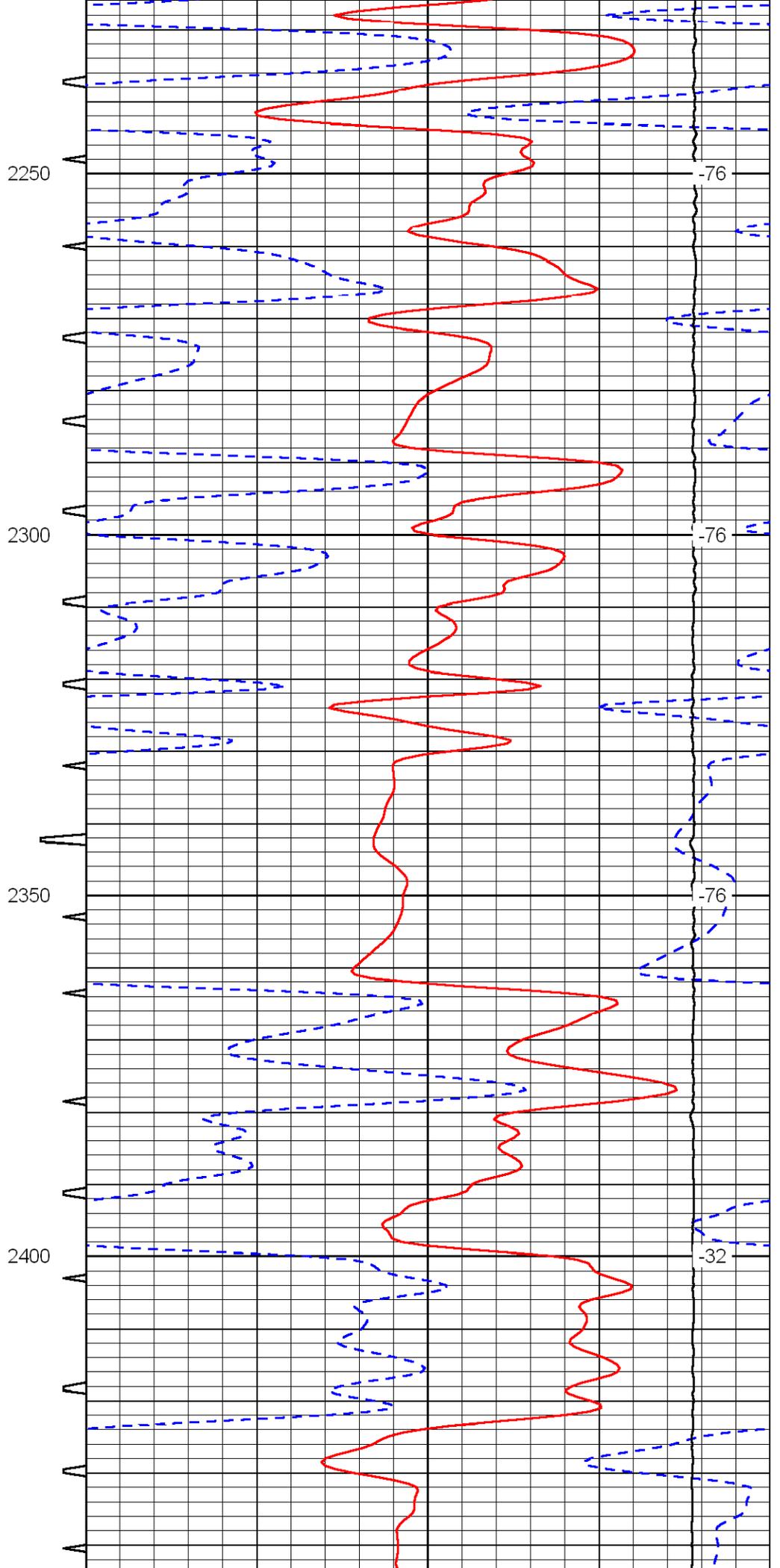
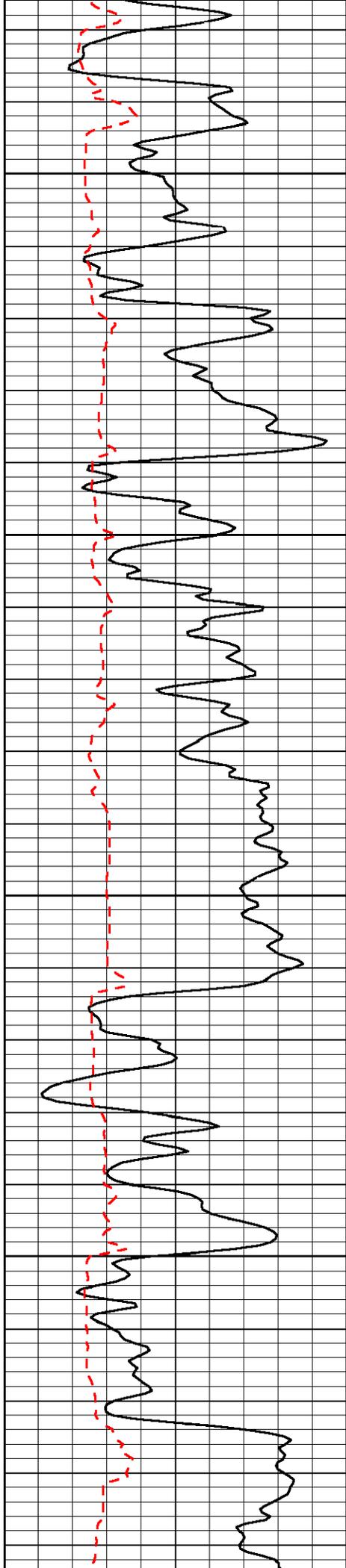


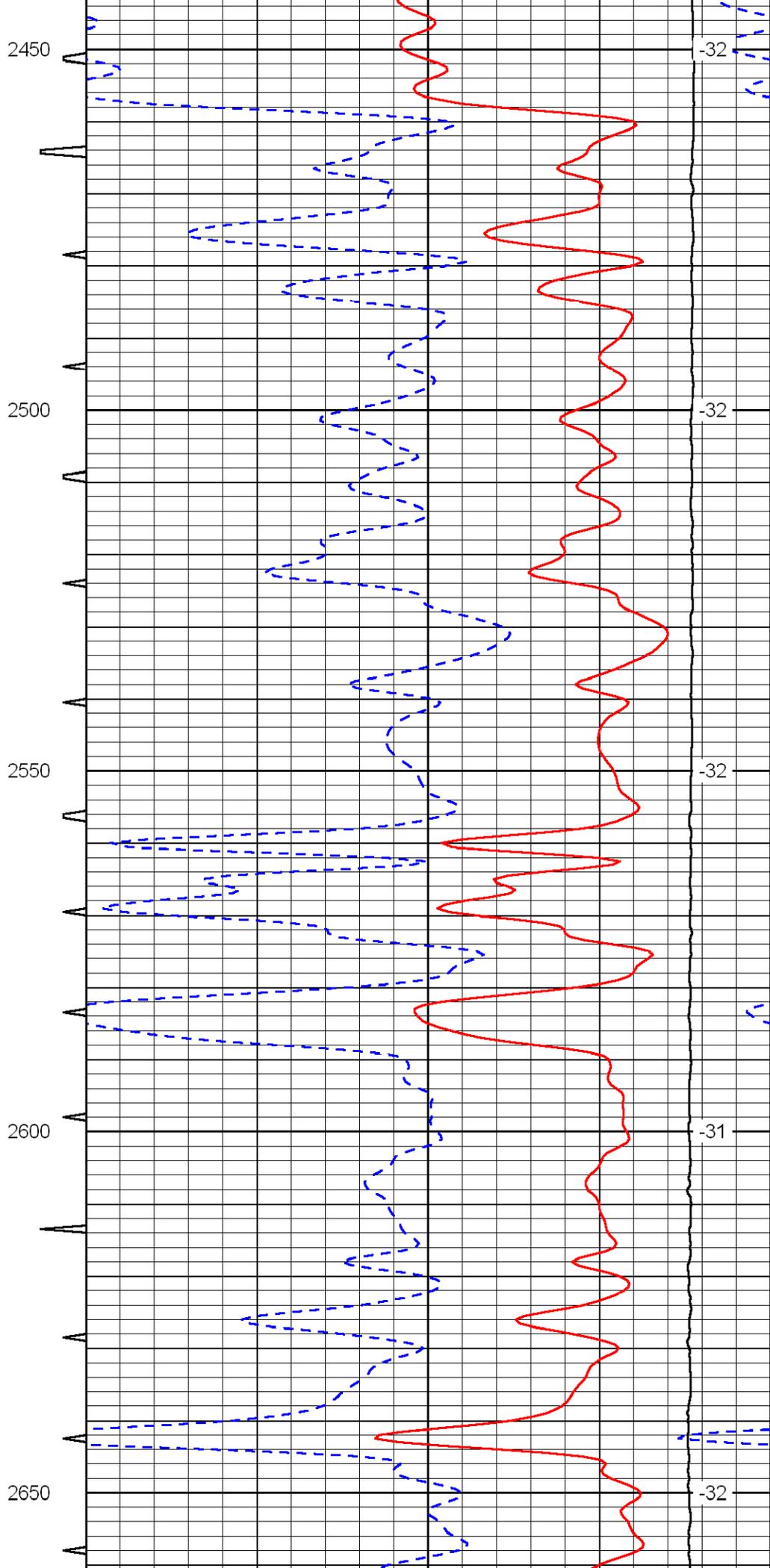
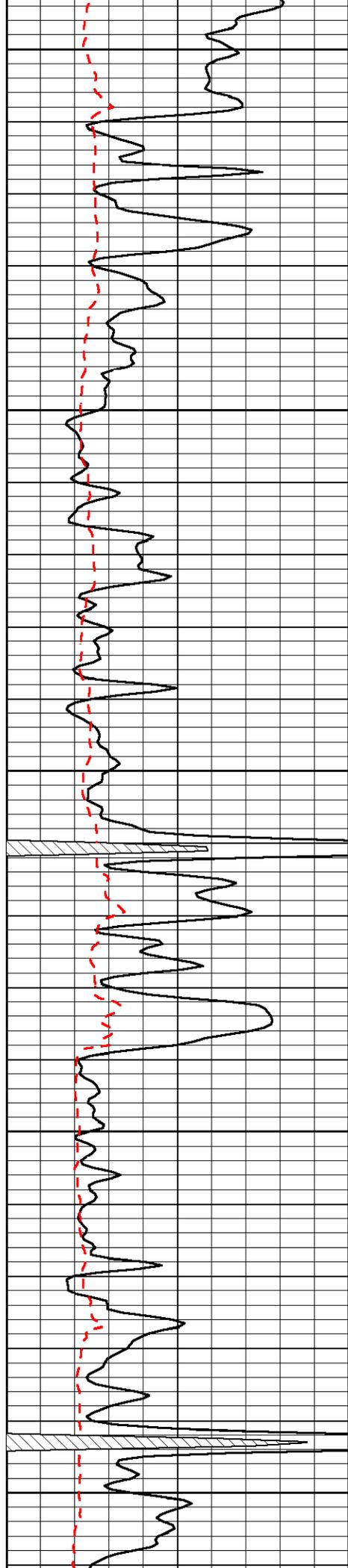


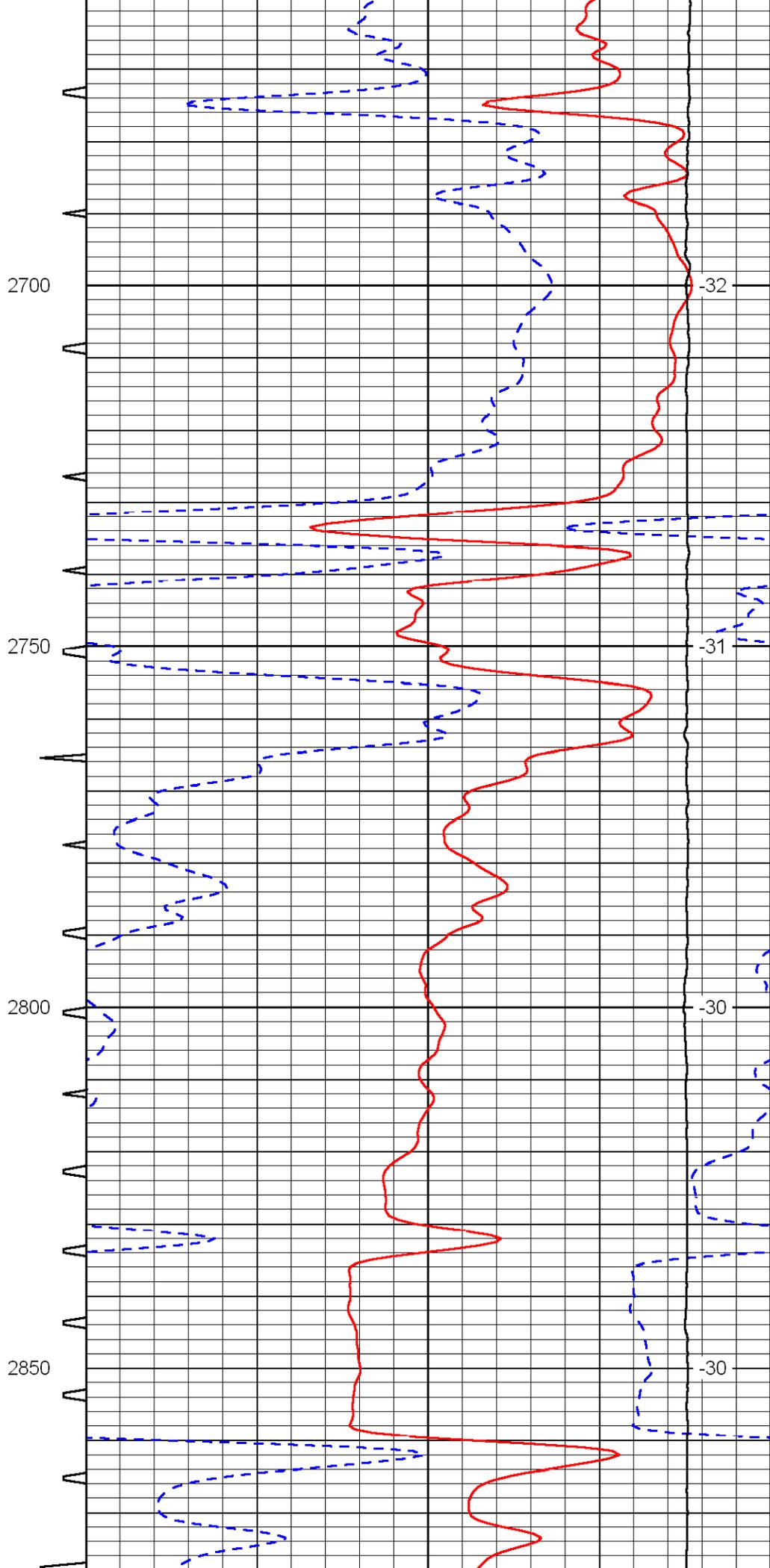
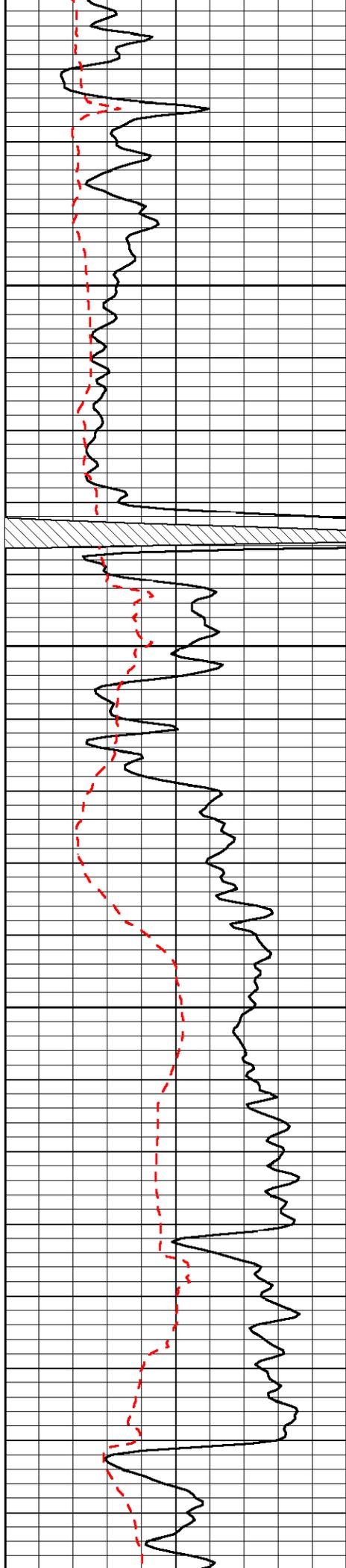


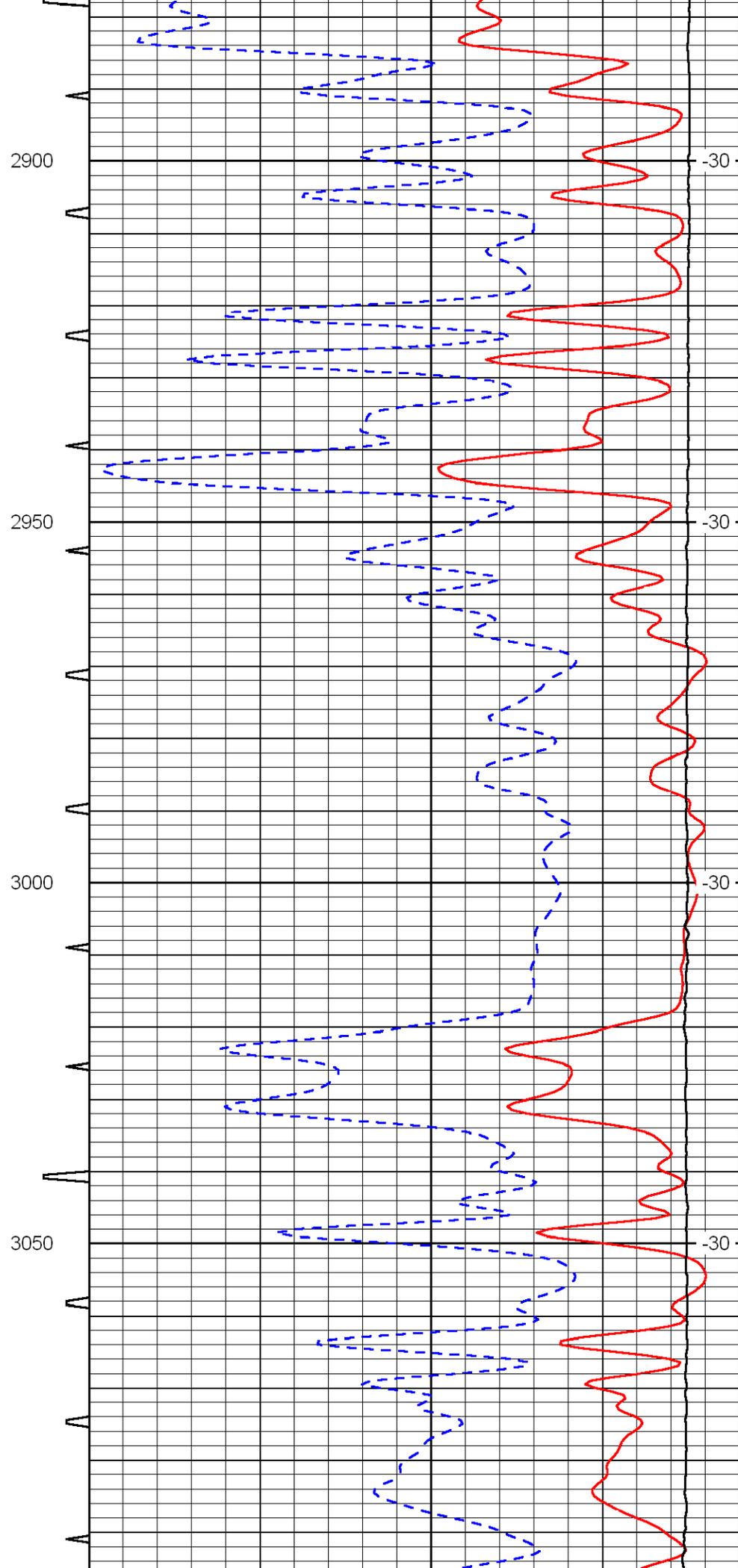
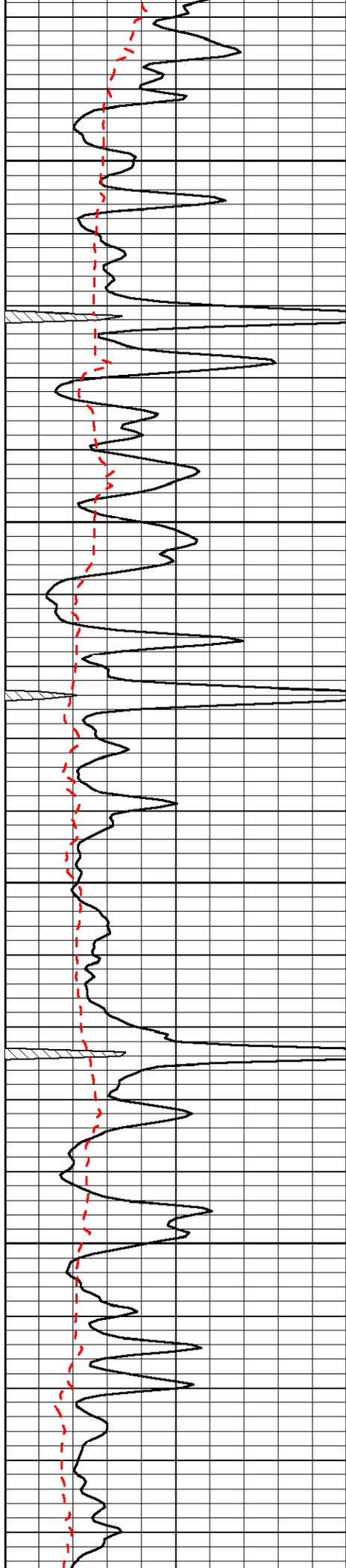


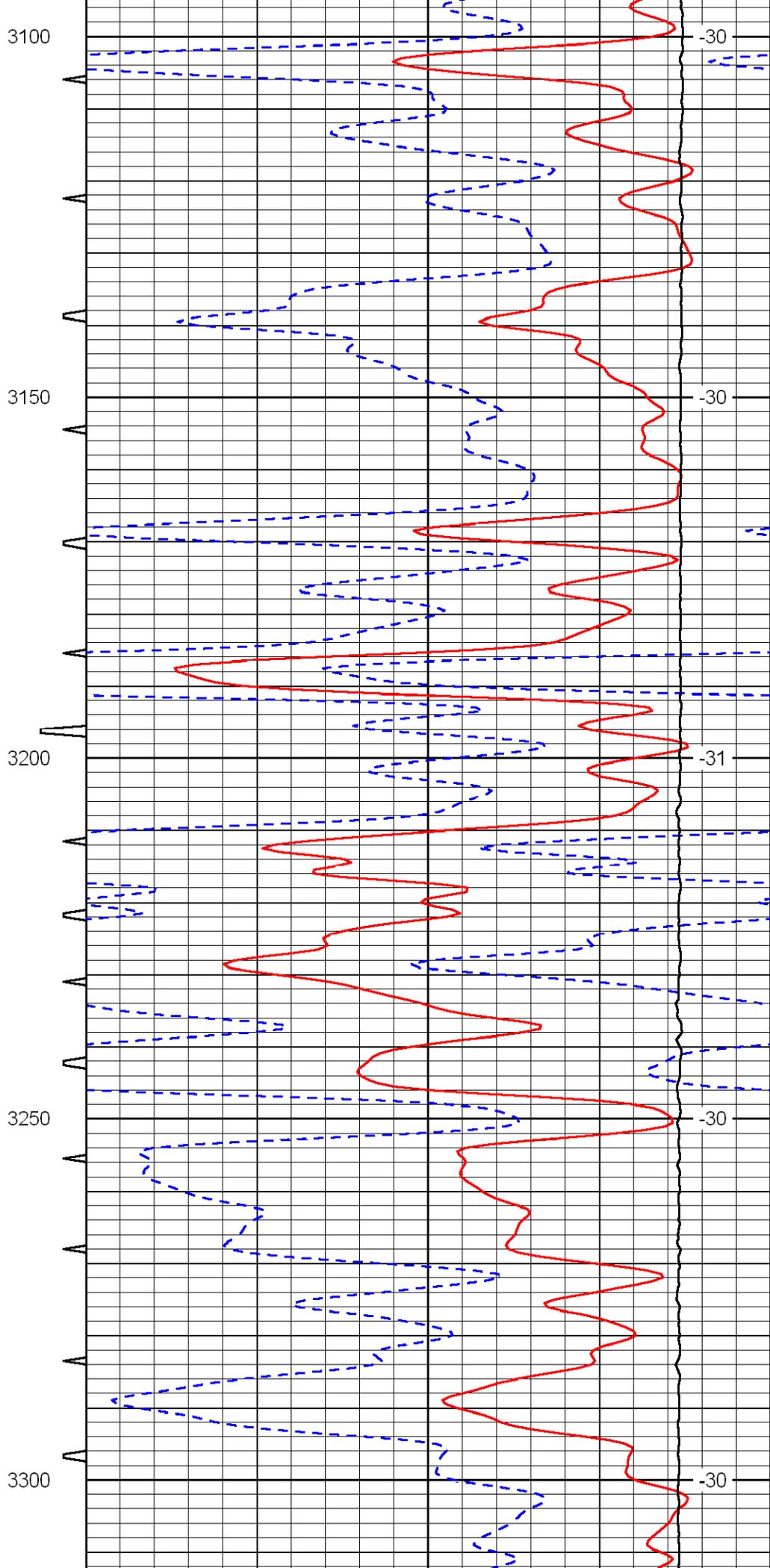
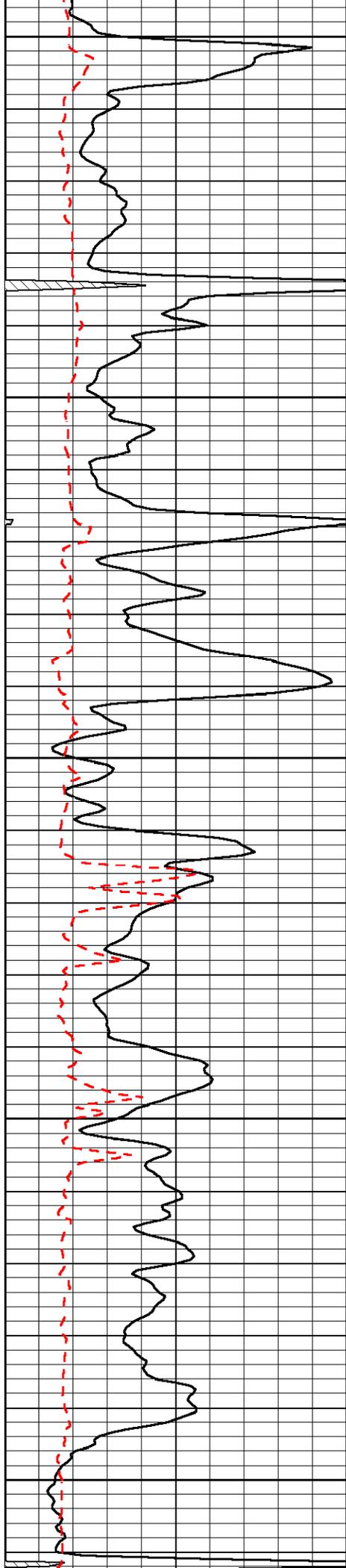


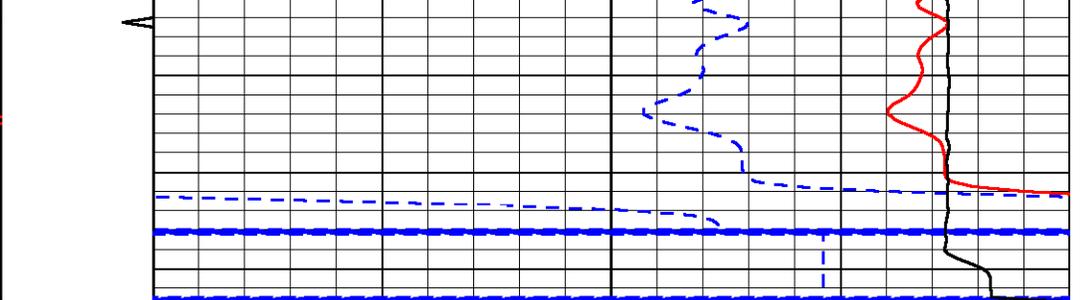
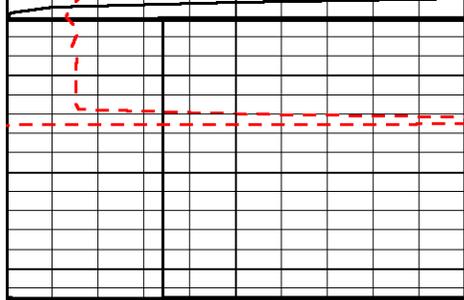












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LSPD
(ft/min)