



# Microresistivity Log

DIGITAL LOG (785) 625-3858

|                        |                                 |                       |                         |                                  |
|------------------------|---------------------------------|-----------------------|-------------------------|----------------------------------|
| API No.                | Company Roberts Resources, Inc. |                       |                         |                                  |
| 15-097-21,695-00-00    | Well Alice No.1-32              |                       |                         |                                  |
|                        | Field Alford                    |                       |                         |                                  |
|                        | County Kiowa State Kansas       |                       |                         |                                  |
|                        | Location                        | 2000' FSL & 2225' FWL |                         | Other Services<br>CNL/CDL<br>DIL |
|                        | Sec: 32                         | Twp: 30S              | Rge: 18W                | Elevation                        |
|                        | Permanent Datum                 | Ground Level          | Elevation 2164          | K.B. 2173                        |
|                        | Log Measured From               | Kelly Bushing         | 9 Ft. Above Perm. Datum | D.F. 2164                        |
|                        | Drilling Measured From          | Kelly Bushing         |                         | G.L. 2164                        |
| Date                   | 7/30/2011                       |                       |                         |                                  |
| Run Number             | Two                             |                       |                         |                                  |
| Depth Driller          | 5600                            |                       |                         |                                  |
| Depth Logger           | 5605                            |                       |                         |                                  |
| Bottom Logged Interval | 5604                            |                       |                         |                                  |
| Top Log Interval       | 4200                            |                       |                         |                                  |
| Casing Driller         | 8.625 @ 689                     |                       |                         |                                  |
| Casing Logger          | 690                             |                       |                         |                                  |
| Bit Size               | 7.875                           |                       |                         |                                  |
| Type Fluid in Hole     | Chemical                        |                       |                         |                                  |
| Salinity, ppm CL       | 9.800                           |                       |                         |                                  |
| Density / Viscosity    | 9.55 53                         |                       |                         |                                  |
| pH / Fluid Loss        | 9.5 13.8                        |                       |                         |                                  |
| Source of Sample       | Flowline                        |                       |                         |                                  |
| Rm @ Meas. Temp        | .45 @ 76                        |                       |                         |                                  |
| Rmf @ Meas. Temp       | .34 @ 76                        |                       |                         |                                  |
| Rmc @ Meas. Temp       | .61 @ 76                        |                       |                         |                                  |
| Source of Rmf / Rmc    | Charts                          |                       |                         |                                  |
| Rm @ BHT               | .26 @ 134                       |                       |                         |                                  |
| Operating Rig Time     | 5 Hours                         |                       |                         |                                  |
| Max Rec. Temp. F       | 134                             |                       |                         |                                  |
| Equipment Number       | 17                              |                       |                         |                                  |
| Location               | Hays                            |                       |                         |                                  |
| Recorded By            | C. Desai                        |                       |                         |                                  |
| Witnessed By           | Kent Roberts                    |                       |                         |                                  |

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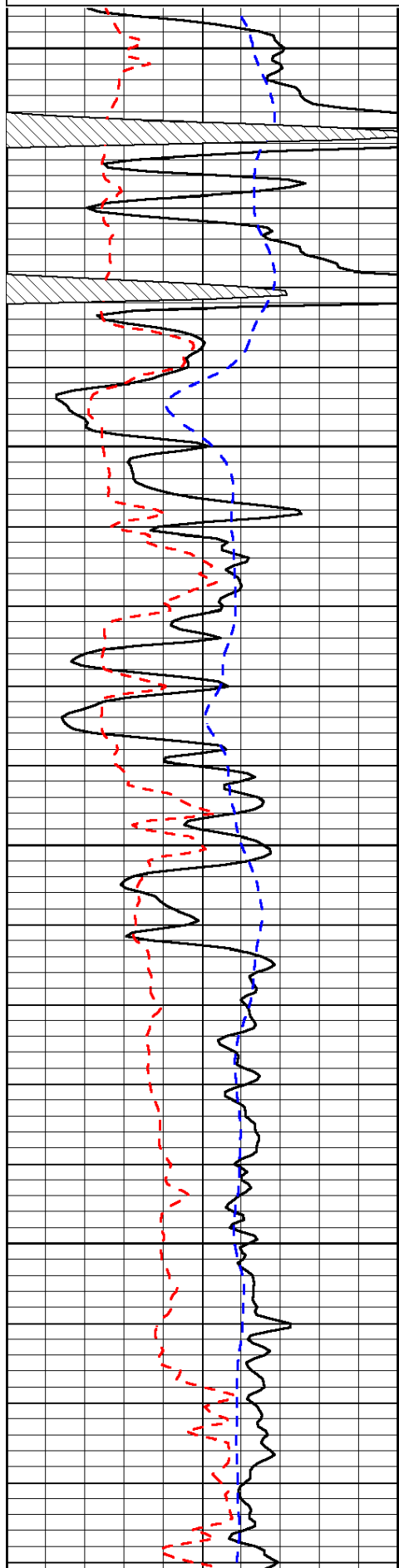
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.  
(785) 625-3858  
Greensburg,  
Hwy 54 & 183,  
Approx 15.5 to Co Ln,  
1/4 NE Into

Database File: c:\warrior\data\roberts resources\_alice no.1-32\robertshd.db  
Dataset Pathname: dil/robstk  
Presentation Format: micro  
Dataset Creation: Sat Jul 30 05:23:29 2011  
Charted by: Depth in Feet scaled 1:240

|      |                          |     |
|------|--------------------------|-----|
| 0    | Gamma Ray                | 150 |
| 6    | Micro Log Caliper (GAPI) | 16  |
| -200 | SP (mV)                  | 0   |

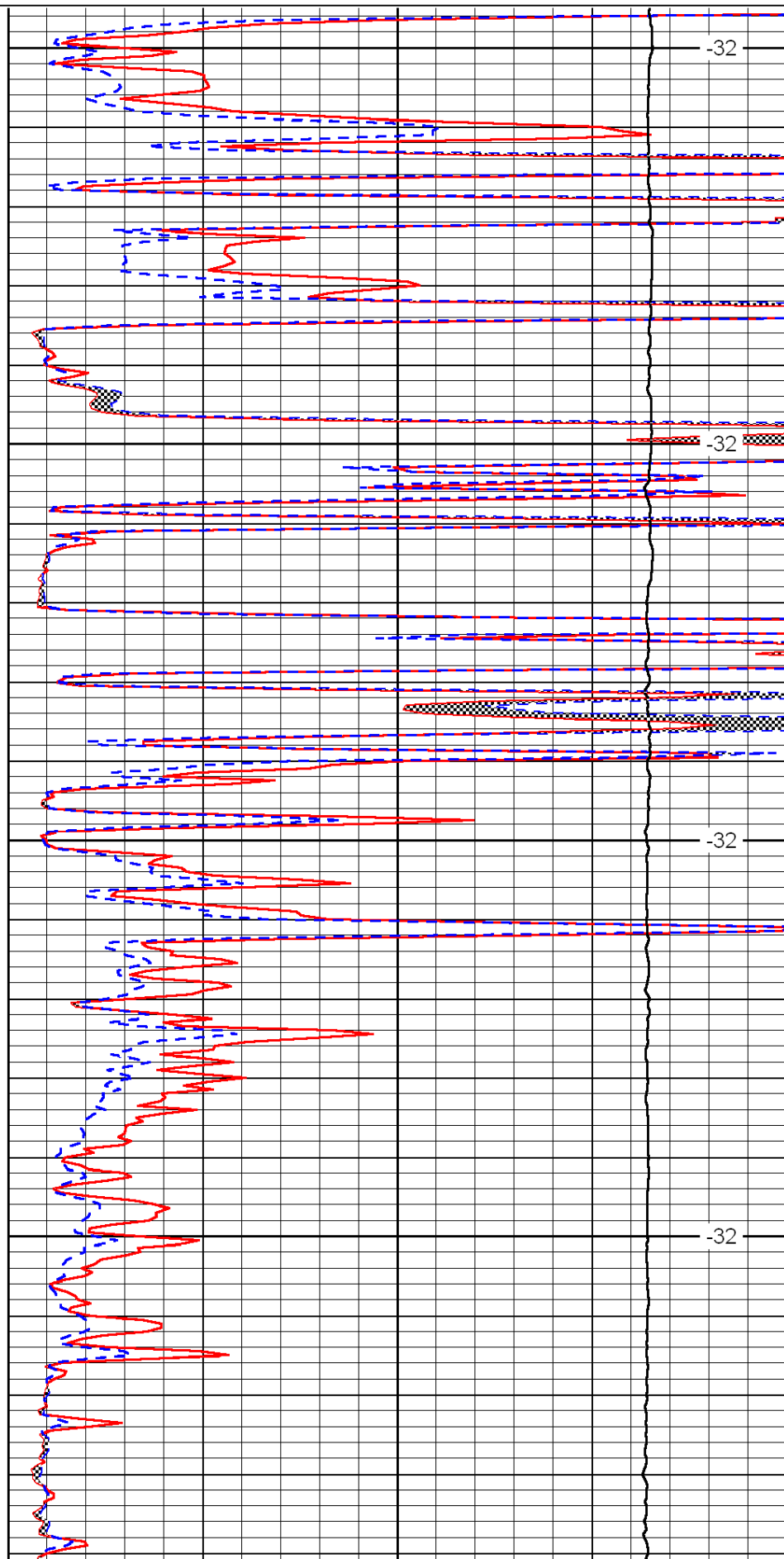


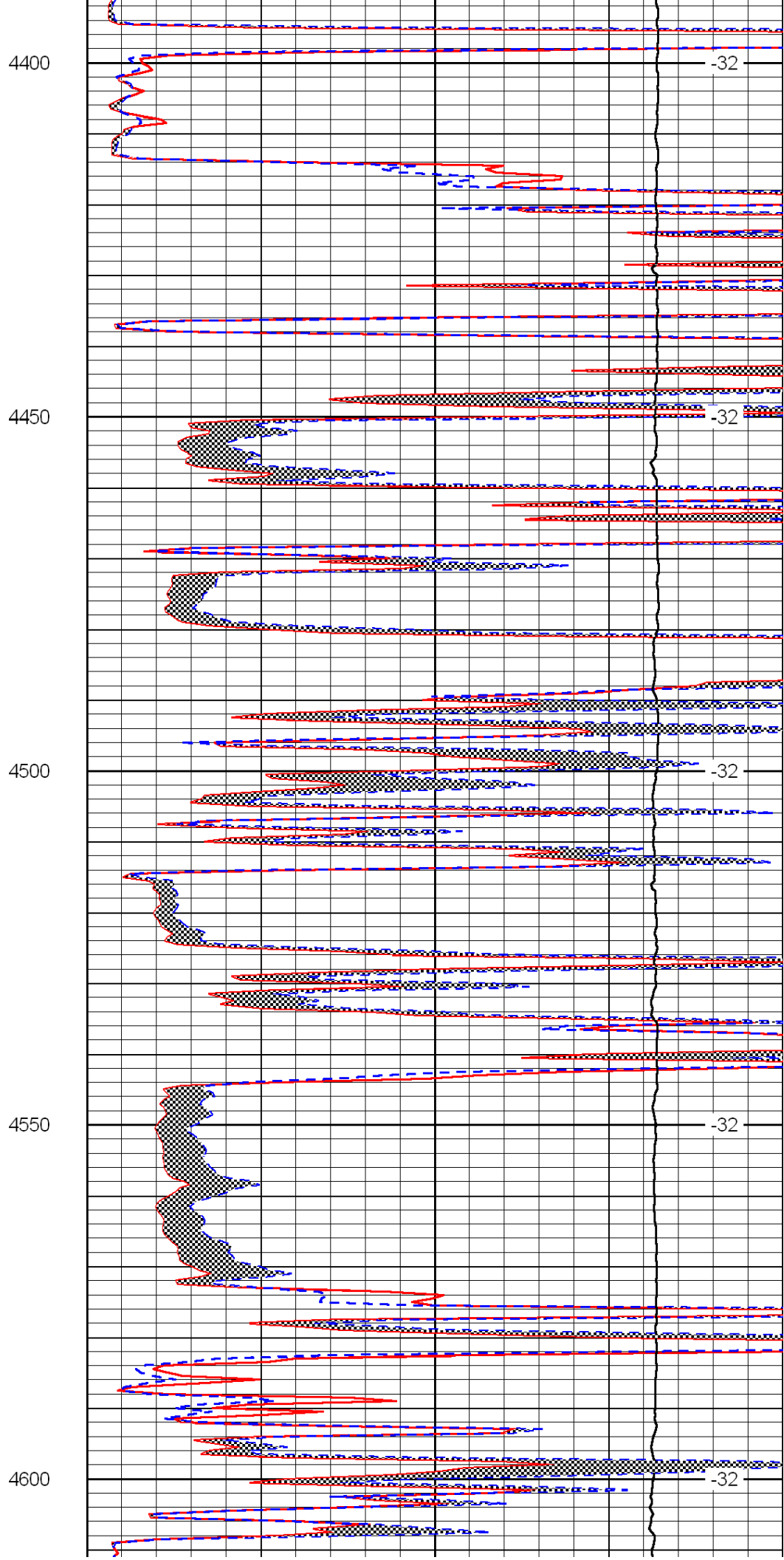
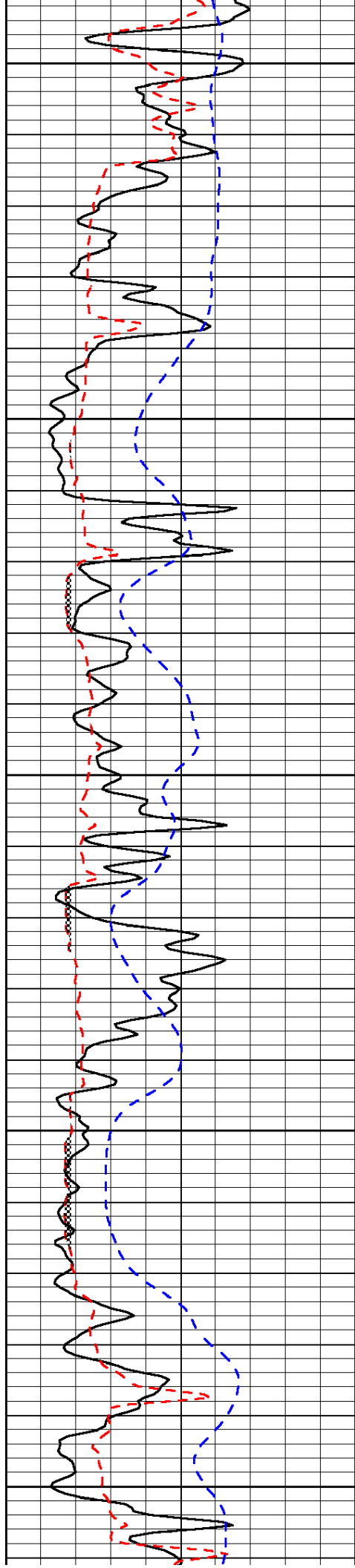
4200

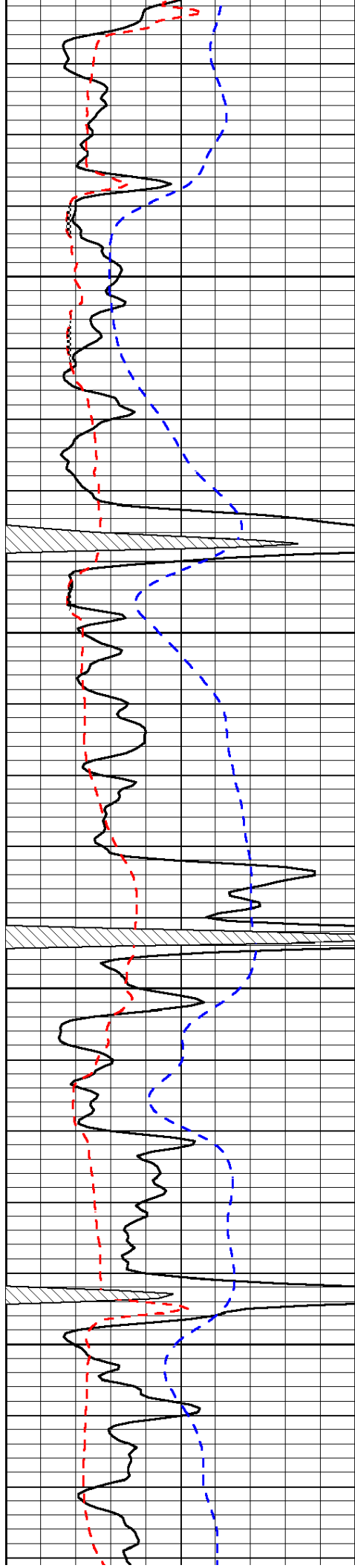
4250

4300

4350





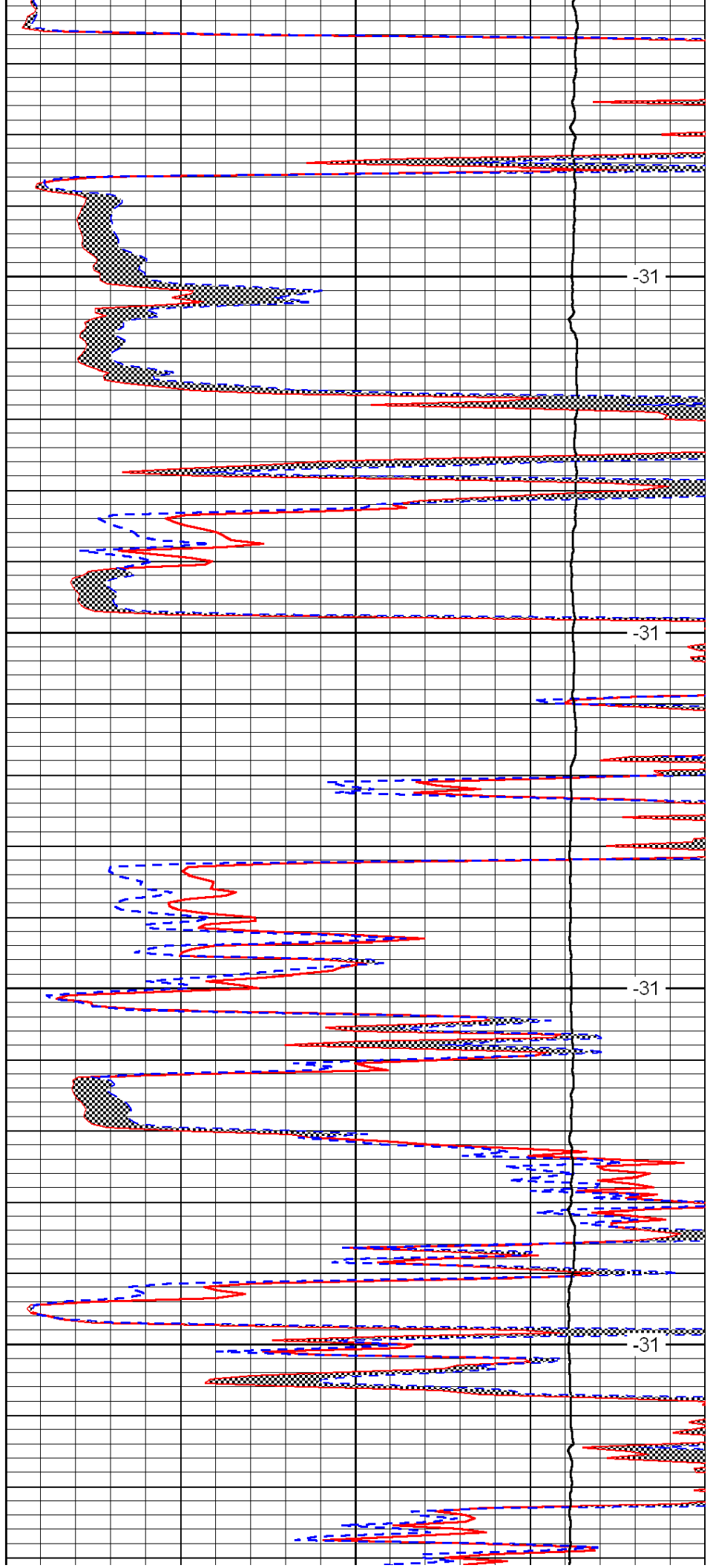


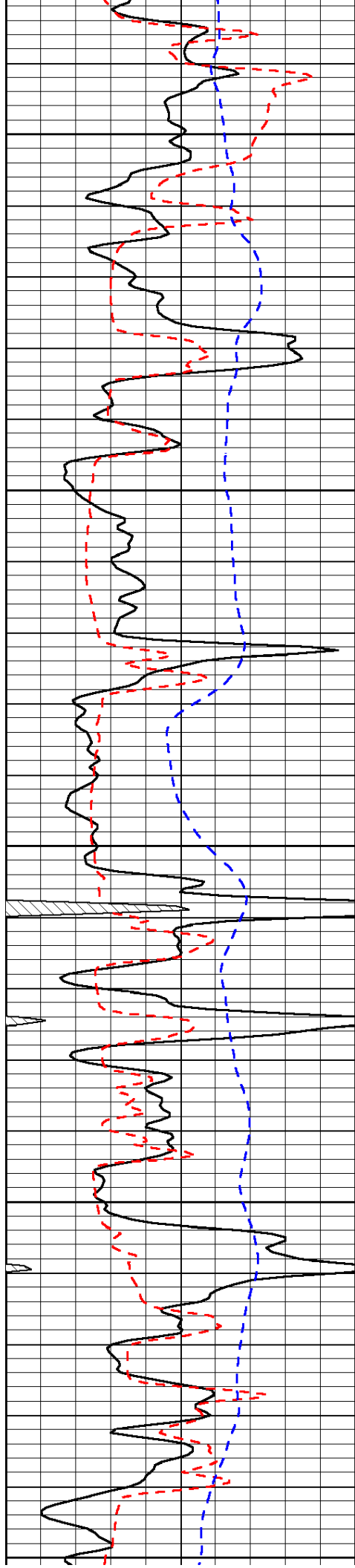
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4800





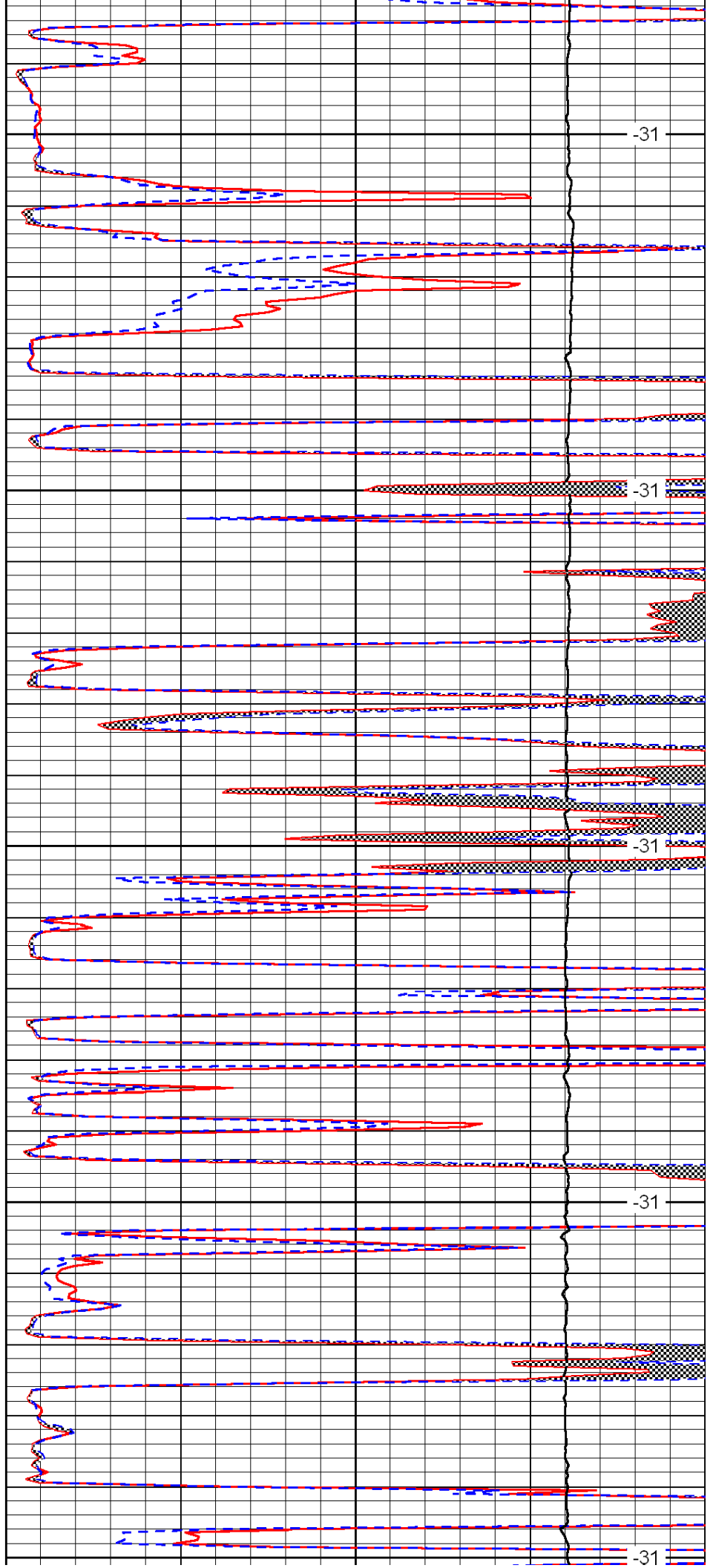
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4900

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5000

5050



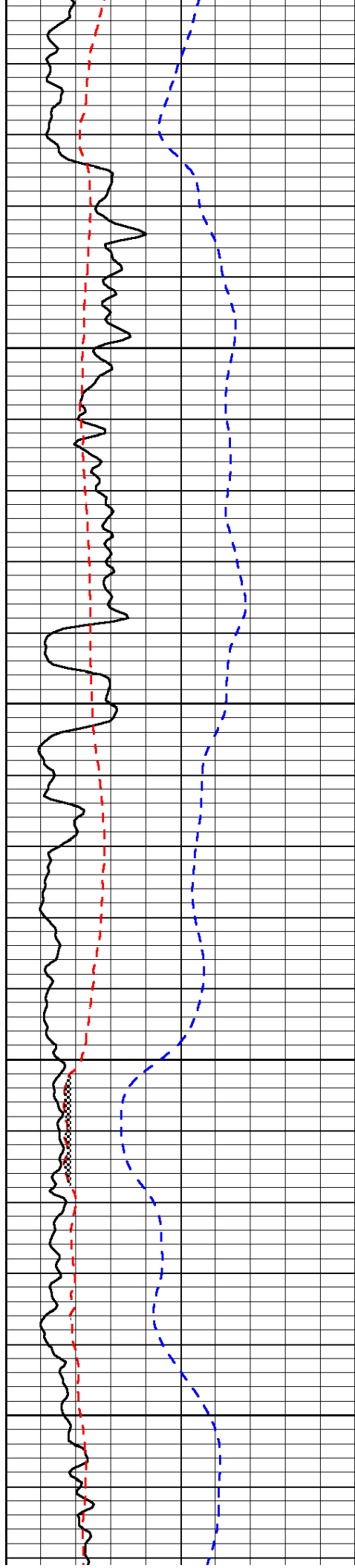
-31

-31

-31

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-31

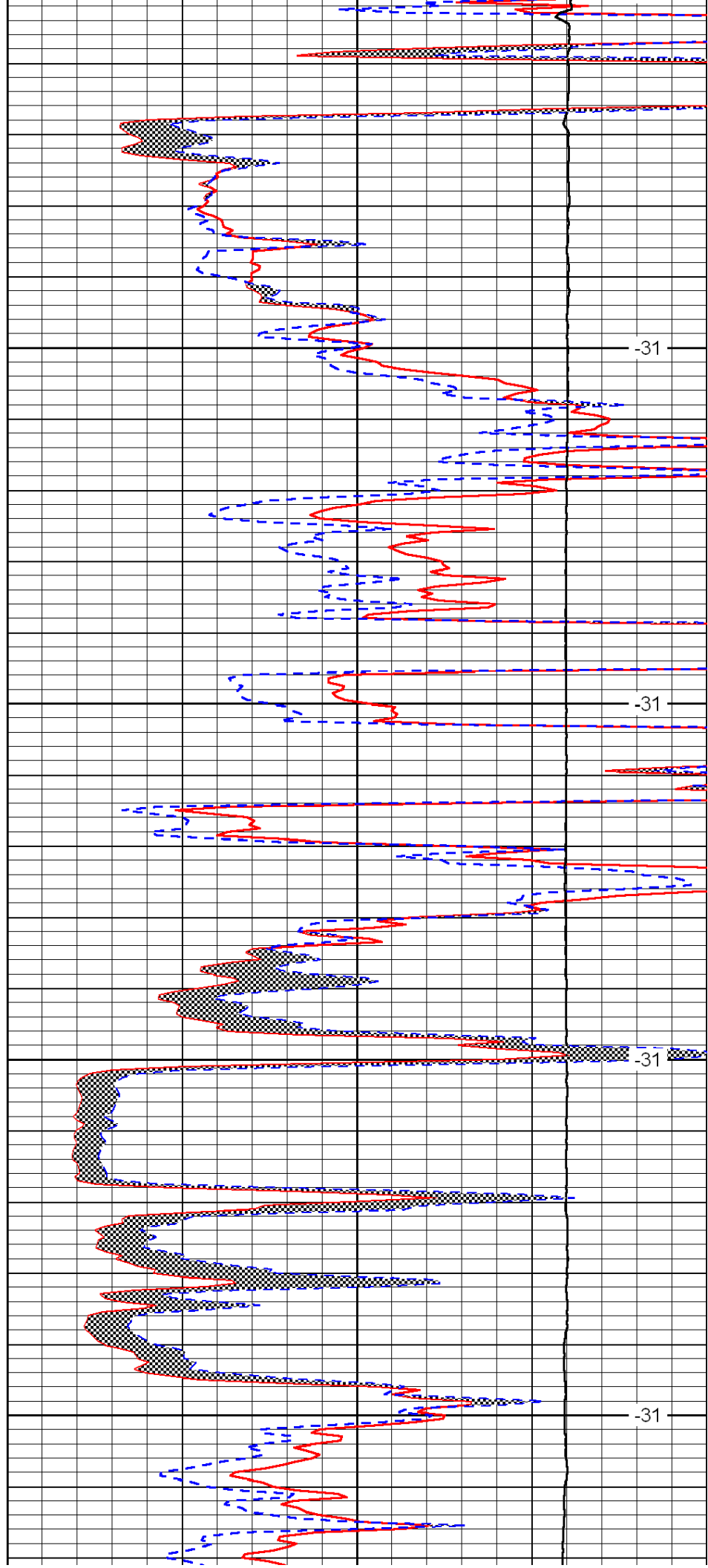


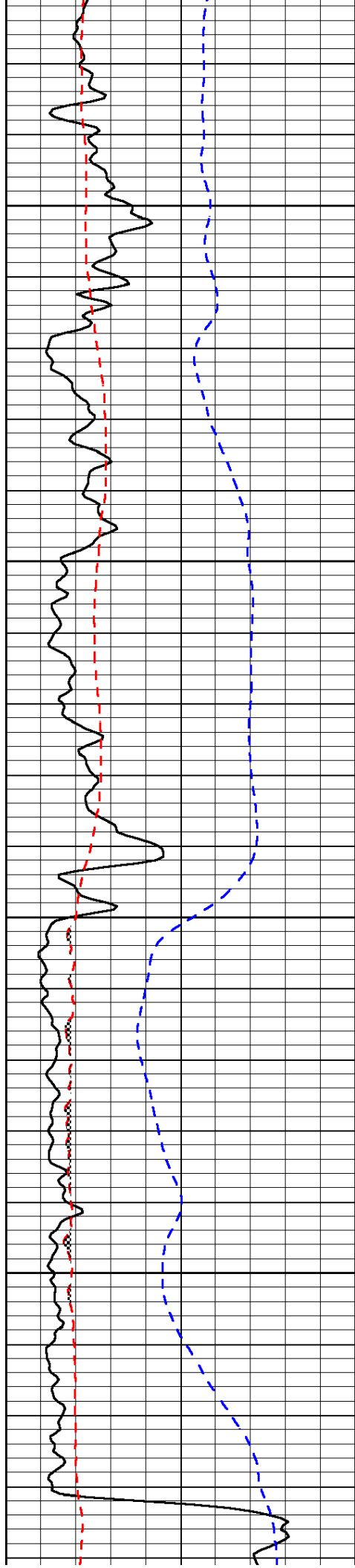
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5150

5200

5250





5300

5350

5400

5450

