



# Microresistivity Log

DIGITAL LOG (785) 625-3858

|                        |                            |                                     |          |                                       |
|------------------------|----------------------------|-------------------------------------|----------|---------------------------------------|
| API No.                | Company Indian Oil Company |                                     |          |                                       |
|                        | Well Lambert No.1          |                                     |          |                                       |
|                        | Field Wildcat              |                                     |          |                                       |
|                        | County Barber              | State                               | Kansas   |                                       |
| 15-007-23,635-00-00    | Location                   | SW SE SW NW<br>2550' FNL & 750' FWL |          | Other Services<br>CNL/CDL<br>DIL/BHCS |
|                        | Sec: 1                     | Twp: 30S                            | Rge: 15W | Elevation                             |
| Permanent Datum        | Ground Level               | Elevation 1893                      |          | K.B. 1903                             |
| Log Measured From      | Kelly Bushing              | 10 Ft. Above Perm. Datum            |          | D.F. 1893                             |
| Drilling Measured From | Kelly Bushing              |                                     |          | G.L. 1893                             |
| Date                   | 1/13/2011                  |                                     |          |                                       |
| Run Number             | Two                        |                                     |          |                                       |
| Depth Driller          | 4670                       |                                     |          |                                       |
| Depth Logger           | 4673                       |                                     |          |                                       |
| Bottom Logged Interval | 4672                       |                                     |          |                                       |
| Top Log Interval       | 3600                       |                                     |          |                                       |
| Casing Driller         | 8.625 @ 307                |                                     |          |                                       |
| Casing Logger          | 307                        |                                     |          |                                       |
| Bit Size               | 7.875                      |                                     |          |                                       |
| Type Fluid in Hole     | Chemical                   |                                     |          |                                       |
| Salinity,ppm CL        | 5.000                      |                                     |          |                                       |
| Density / Viscosity    | 9.4 57                     |                                     |          |                                       |
| pH / Fluid Loss        | 10.5 8.8                   |                                     |          |                                       |
| Source of Sample       | Flowline                   |                                     |          |                                       |
| Rm @ Meas. Temp        | .5 @ 54                    |                                     |          |                                       |
| Rmf @ Meas. Temp       | .38 @ 54                   |                                     |          |                                       |
| Rmc @ Meas. Temp       | .68 @ 54                   |                                     |          |                                       |
| Source of Rmf / Rmc    | Charts                     |                                     |          |                                       |
| Rm @ BHT               | .22 @ 125                  |                                     |          |                                       |
| Operating Rig Time     | 4 1/2 Hours                |                                     |          |                                       |
| Max Rec. Temp. F       | 125                        |                                     |          |                                       |
| Equipment Number       | 15                         |                                     |          |                                       |
| Location               | Hays                       |                                     |          |                                       |
| Recorded By            | C. Desai                   |                                     |          |                                       |
| Witnessed By           | Anthony Farrar             |                                     |          |                                       |

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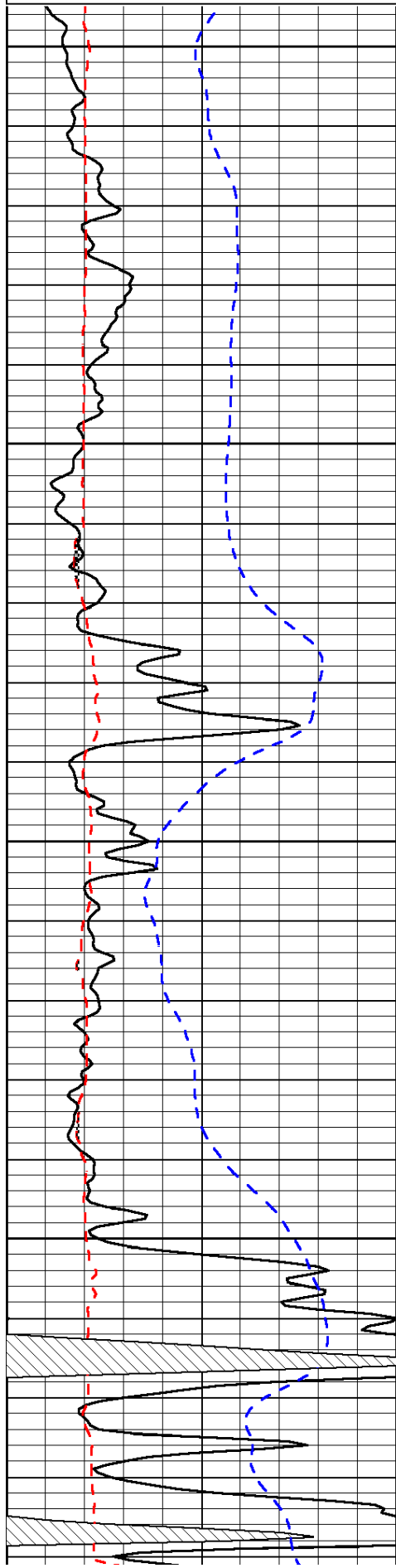
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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  
Coats, 3 W,  
1 S, 1 W, 3 S,  
1 1/2 W, N Into

Database File: c:\warrior\data\indian oil\_lambert no.1\indianhd.db  
Dataset Pathname: dil/indstk  
Presentation Format: micro  
Dataset Creation: Thu Jan 13 15:39:49 2011  
Charted by: Depth in Feet scaled 1:240

|                                         |                          |     |
|-----------------------------------------|--------------------------|-----|
| Charted by: Depth in Feet scaled 1:2.15 |                          |     |
| 0                                       | Gamma Ray                | 150 |
| 6                                       | Micro Log Caliper (GAPI) | 16  |
| -200                                    | SP (mV)                  | 0   |



3600

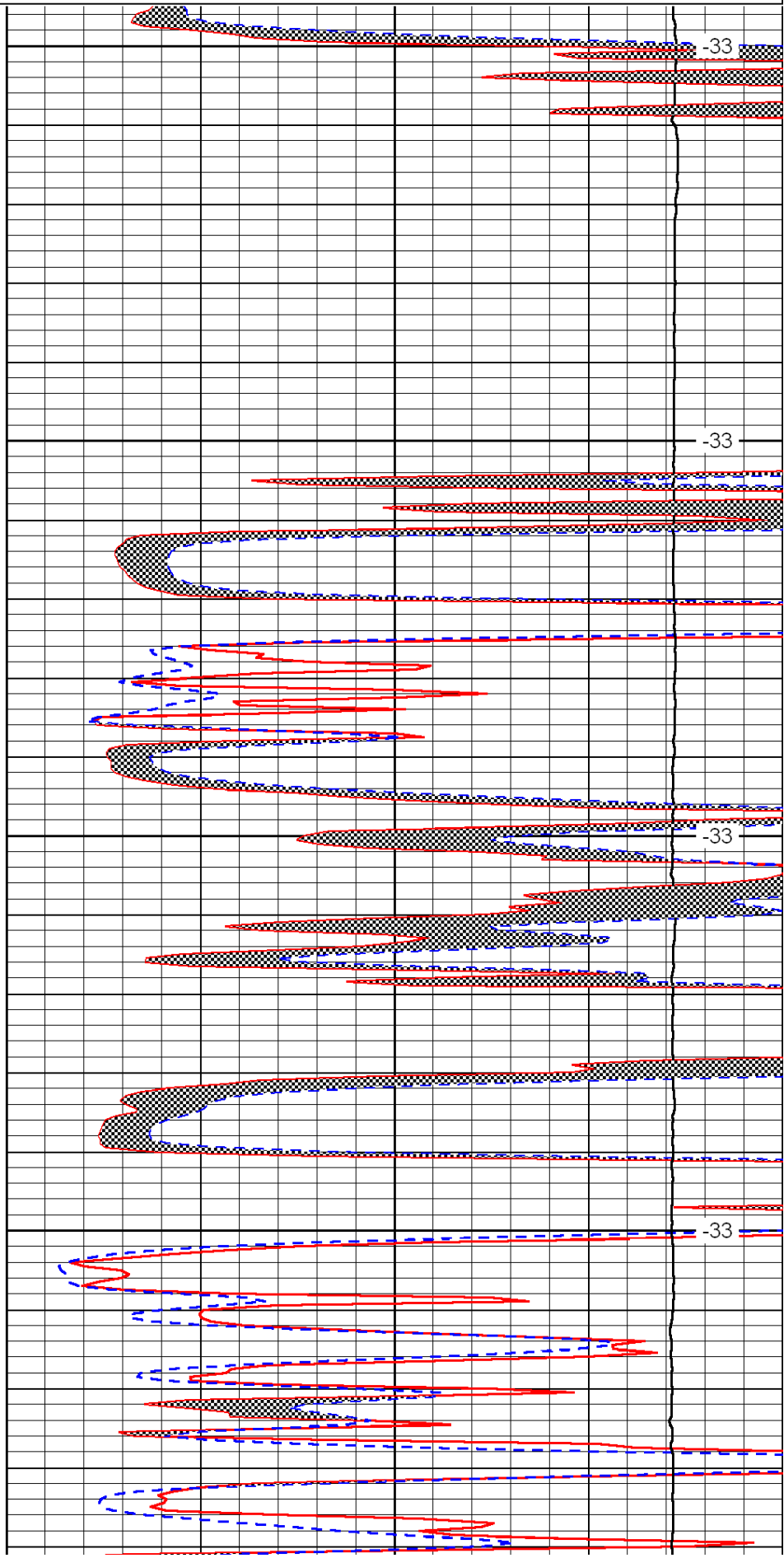
3650

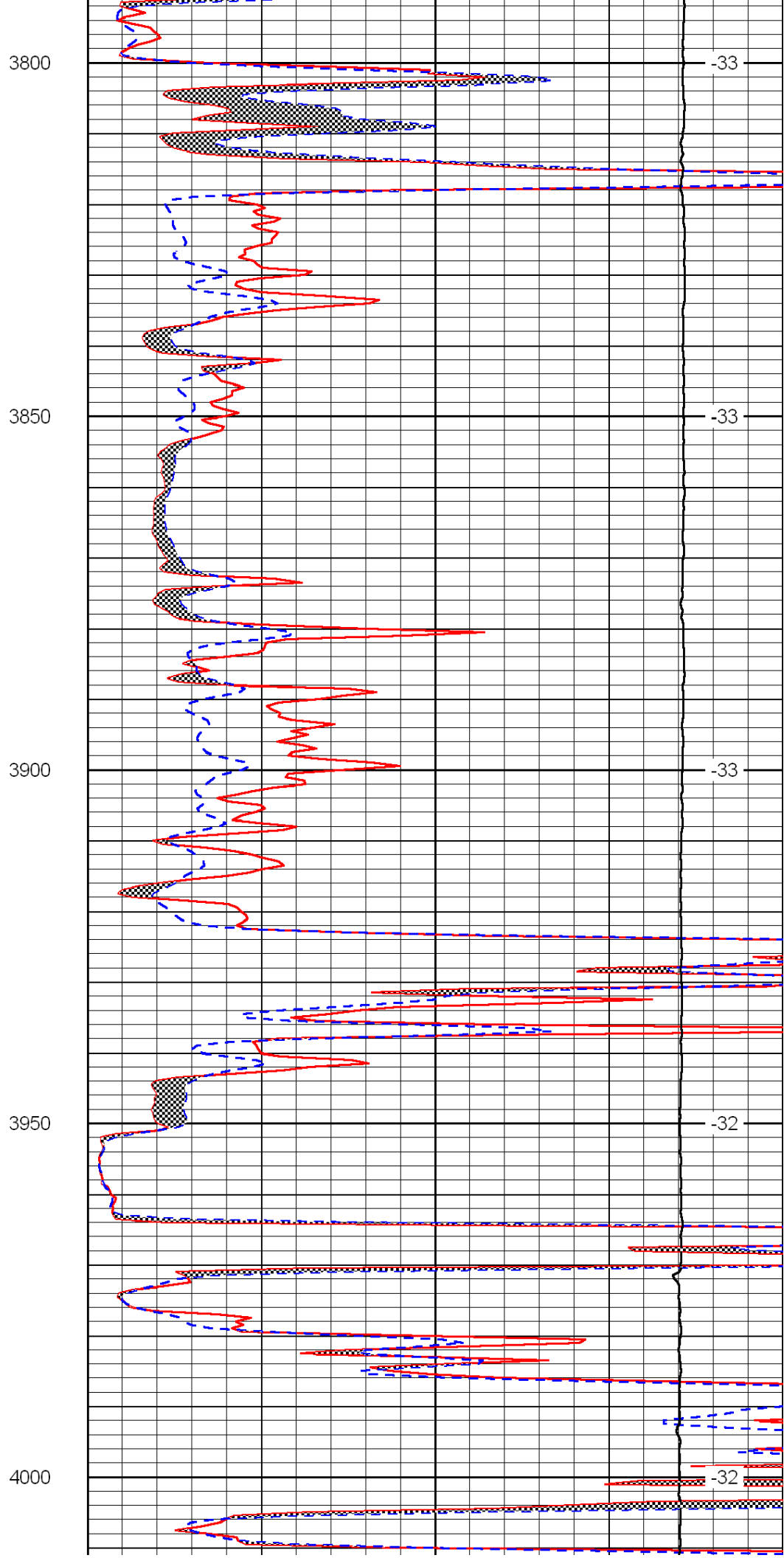
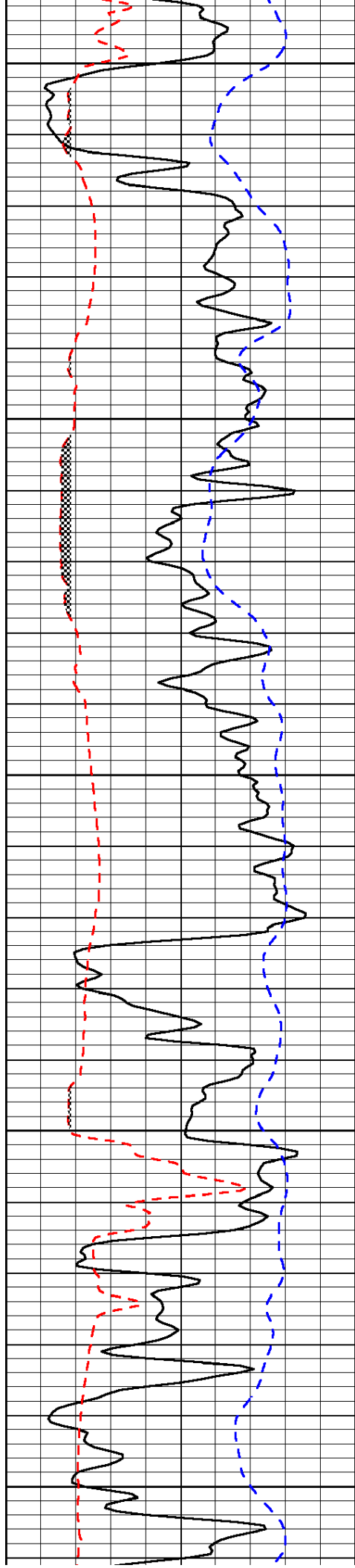
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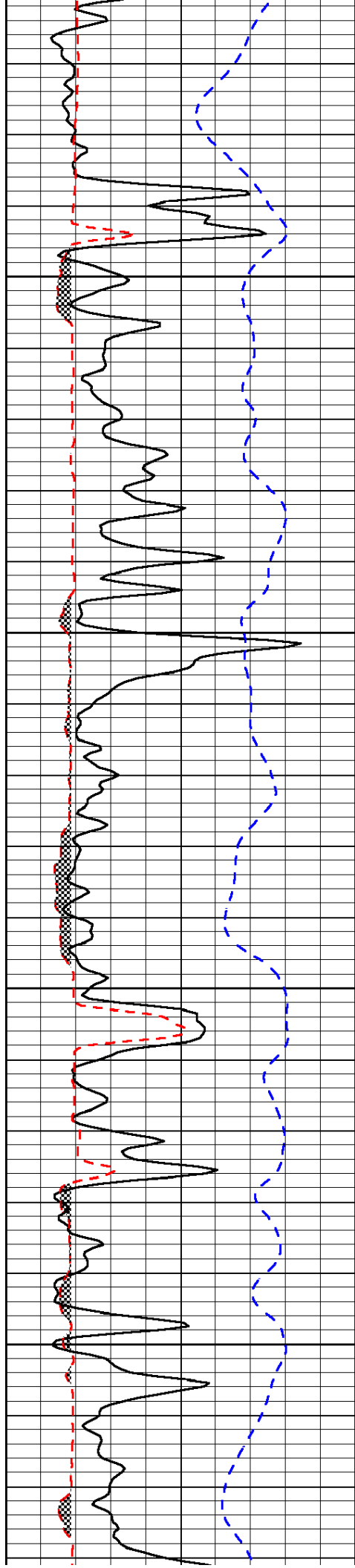
3750

|       |                     |    |
|-------|---------------------|----|
| 0     | Micro Inverse 1 X 1 | 40 |
| 0     | Micro Normal 2"     | 40 |
| 15000 | Line Weight         | 0  |

LSPD





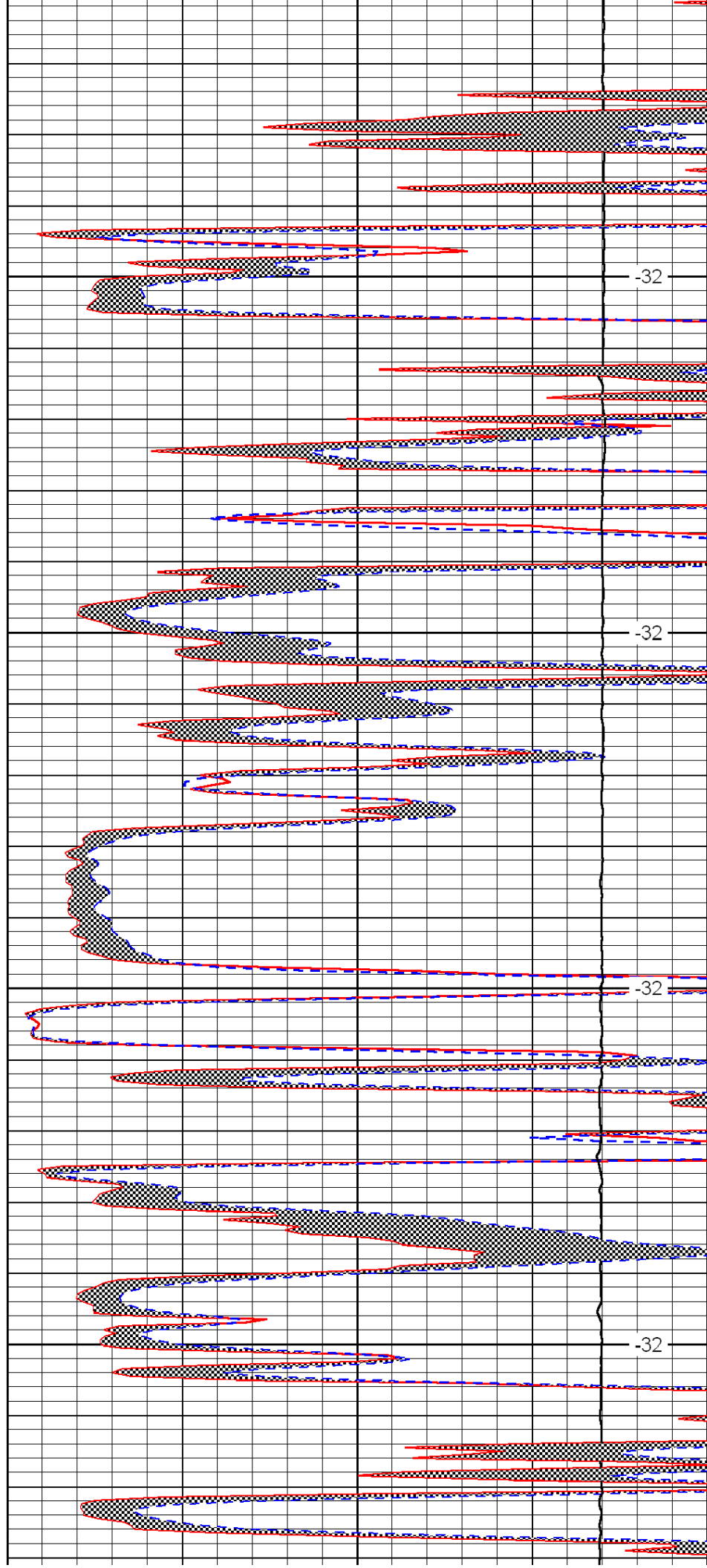


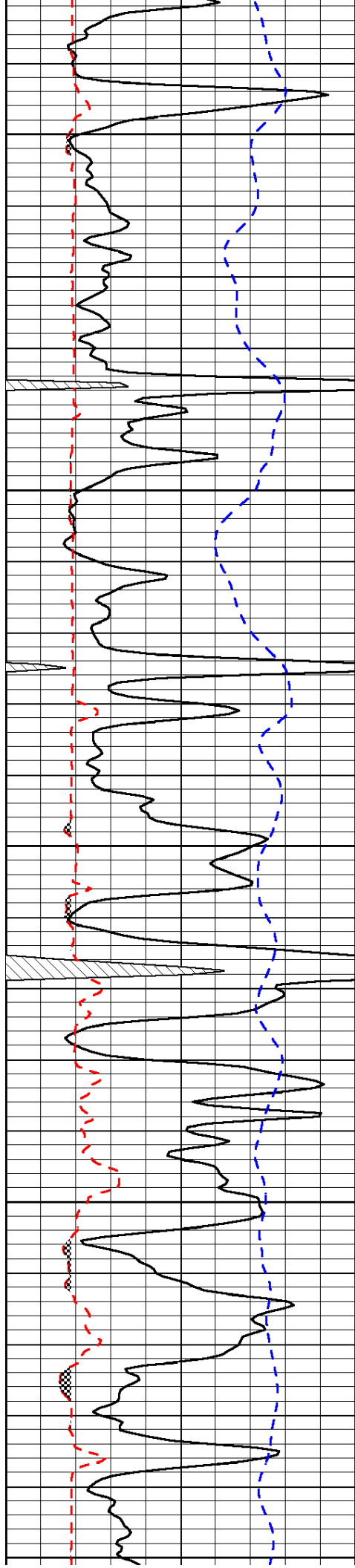
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4150

4200





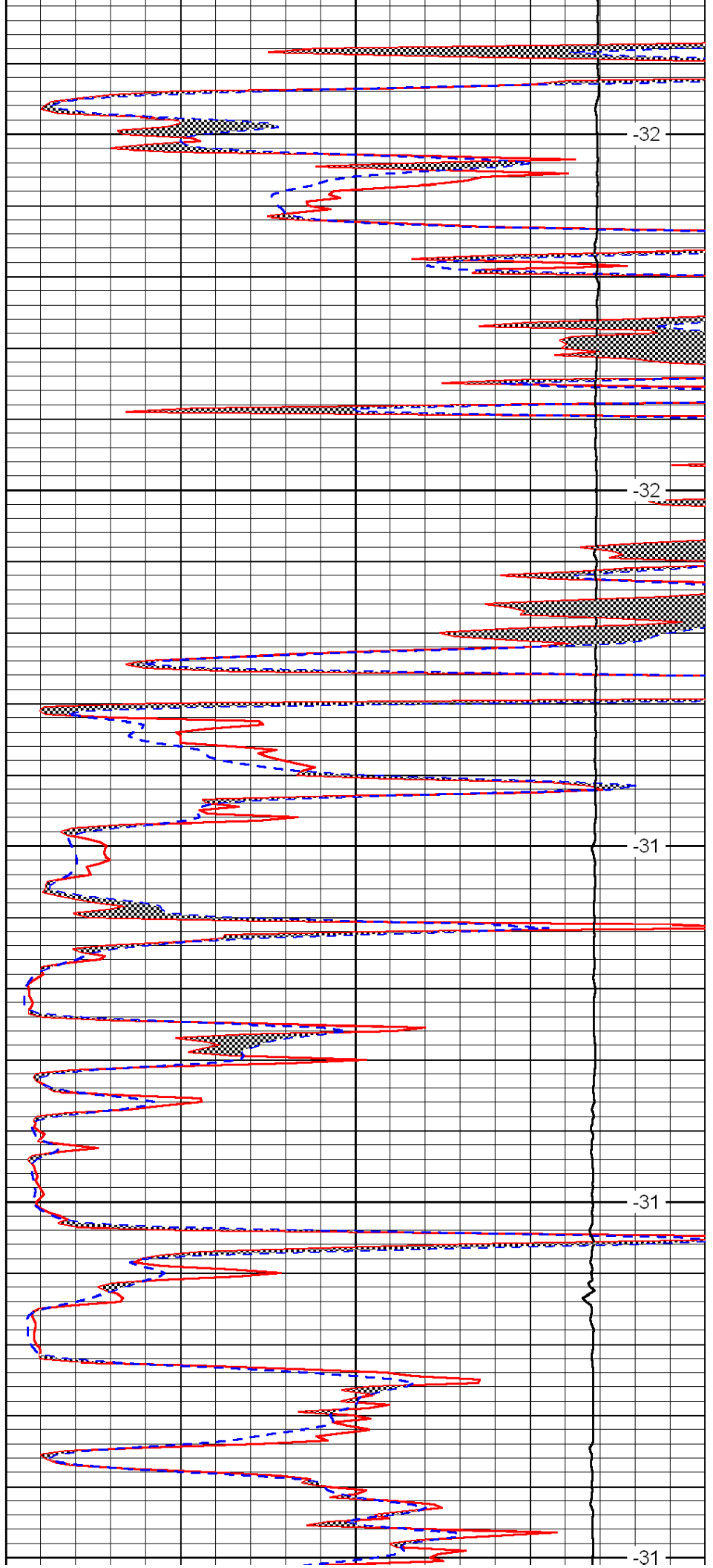
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4300

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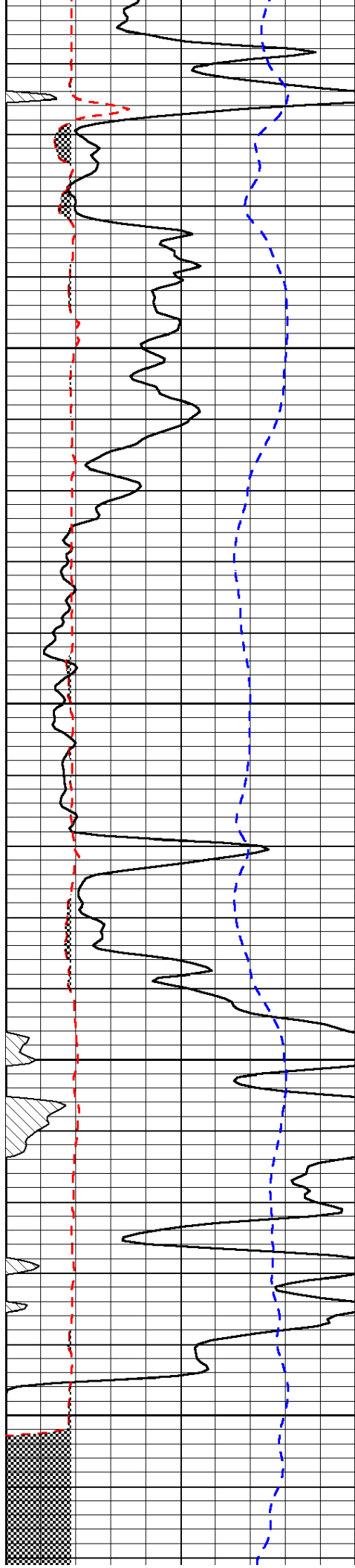
-32

-32

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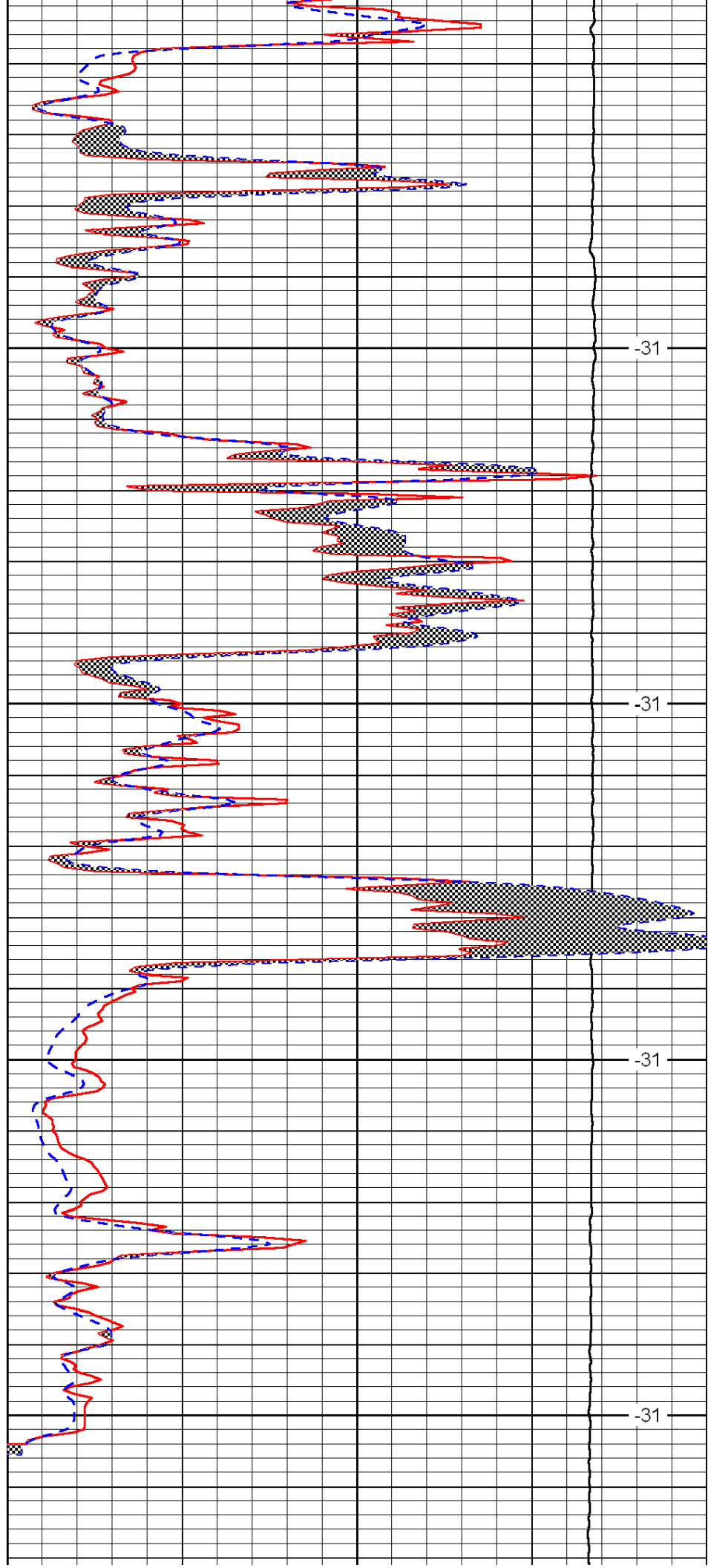


4500

4550

4600

4650



-31

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