



DIGITAL LOG (785) 625-3858

Dual Induction Log

15-009-25,596-00-00

|          |                                      |                      |
|----------|--------------------------------------|----------------------|
| API No.  | Company                              | Vess Oil Corporation |
|          | Well                                 | Hagen "B" No. 1      |
|          | Field                                | Chase-Silica         |
|          | County                               | Barton               |
|          | State                                | Kansas               |
| Location | SW SW NE NW<br>1177' FNL & 1486' FWL |                      |
| Sec: 28  | Twp: 20S                             | Rge: 11W             |
|          | Other Services<br>CNL/CDL<br>MEL     |                      |

|                        |               |           |                       |
|------------------------|---------------|-----------|-----------------------|
| Permanent Datum        | Ground Level  | Elevation | 1782                  |
| Log Measured From      | Kelly Bushing | 5         | Ft. Above Perm. Datum |
| Drilling Measured From | Kelly Bushing |           |                       |
| Date                   | 10/11/2011    |           |                       |
| Run Number             | One           |           |                       |
| Depth Driller          | 3410          |           |                       |
| Depth Logger           | 3410          |           |                       |
| Bottom Logged Interval | 3409          |           |                       |
| Top Log Interval       | 500           |           |                       |
| Casing Driller         | 8.625 @ 523   |           |                       |
| Casing Logger          | 523           |           |                       |
| Bit Size               | 7.875         |           |                       |
| Type Fluid in Hole     | Chemical      |           |                       |
| Salinity, ppm CL       | 9.200         |           |                       |
| Density / Viscosity    | 8.8           | 53        |                       |
| pH / Fluid Loss        | 9.5           | 10.4      |                       |
| Source of Sample       | Flowline      |           |                       |
| Rm @ Meas. Temp        | .19 @ 69      |           |                       |
| Rmf @ Meas. Temp       | .14 @ 69      |           |                       |
| Rmc @ Meas. Temp       | .26 @ 69      |           |                       |
| Source of Rmf / Rmc    | Charts        |           |                       |
| Rm @ BHT               | .12 @ 110     |           |                       |
| Operating Rig Time     | 3 1/2 Hours   |           |                       |
| Max Rec. Temp. F       | 110           |           |                       |
| Equipment Number       | 17            |           |                       |
| Location               | Hays          |           |                       |
| Recorded By            | C. Desaire    |           |                       |
| Witnessed By           | Josh Austin   |           |                       |

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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  
 Great Bend KS,  
 S to 5 Mille Blktp, 11 E to 120 Rd,  
 1/4 S E Into

Database File: c:\warrior\data\vess\_hagen b no.1\vesshd.db  
 Dataset Pathname: dil\vesstk  
 Presentation Format: dil2in  
 Dataset Creation: Tue Oct 11 13:06:22 2011  
 Charted by: Depth in Feet scaled 1:600

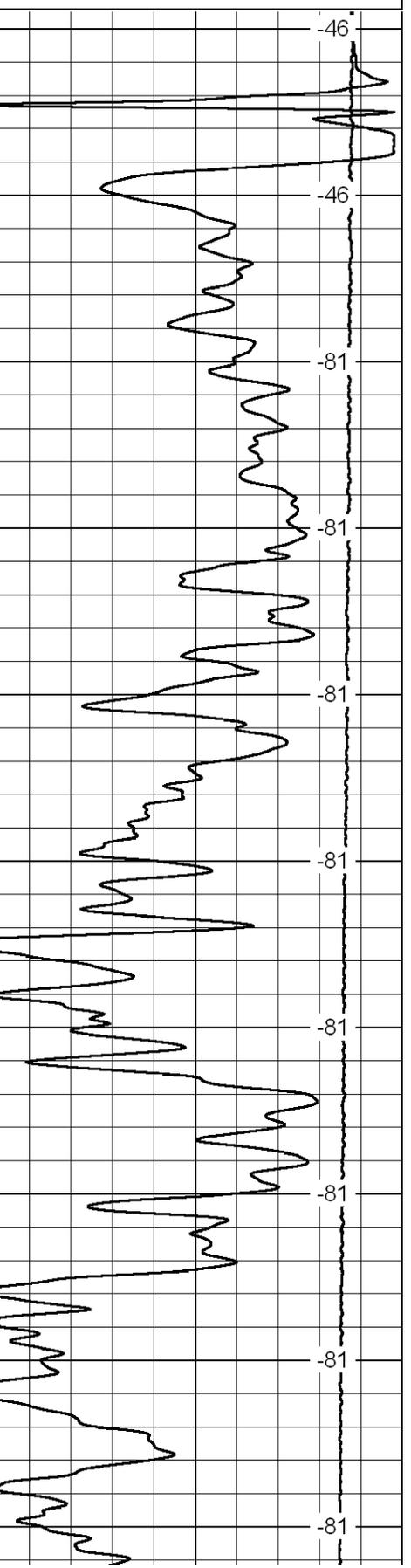
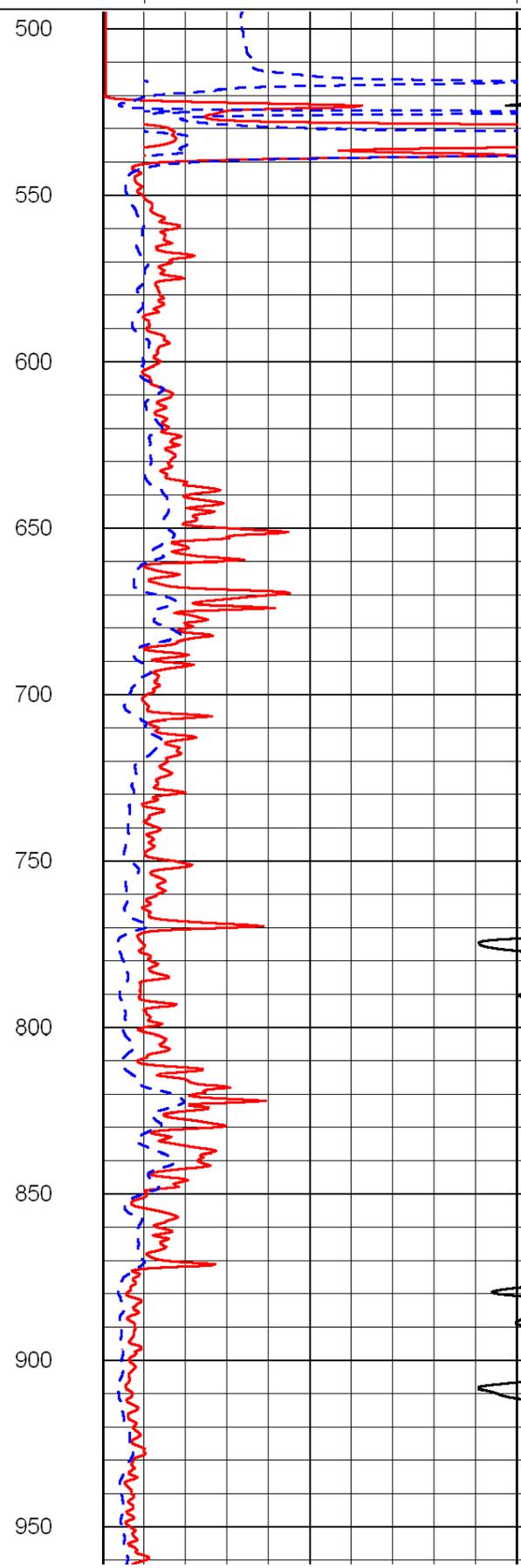
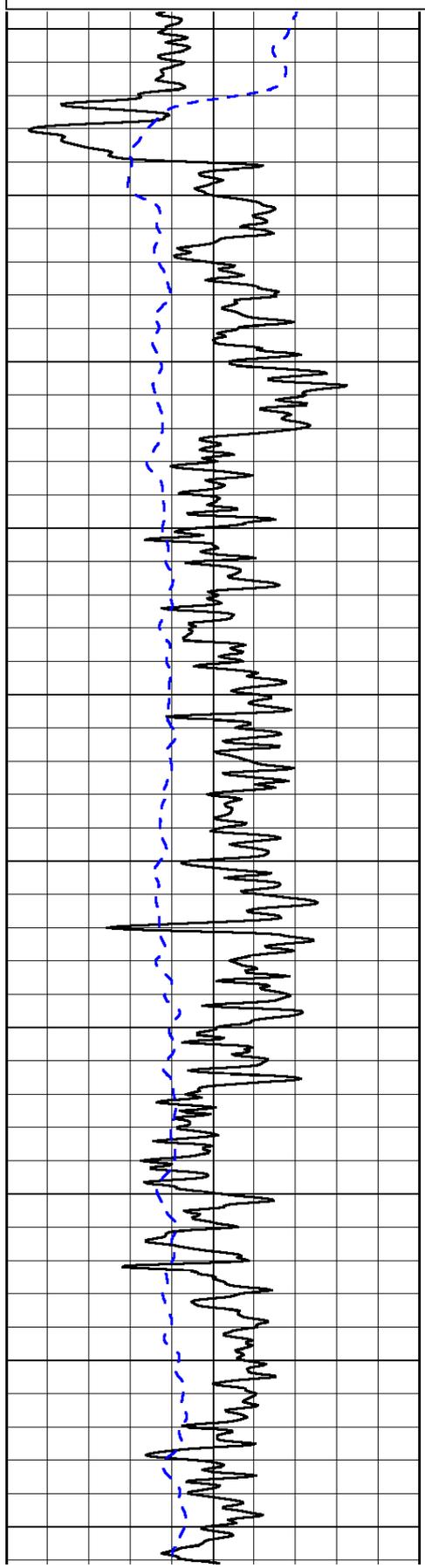
|      |           |     |
|------|-----------|-----|
| 0    | Gamma Ray | 150 |
| -200 | SP (mV)   | 0   |

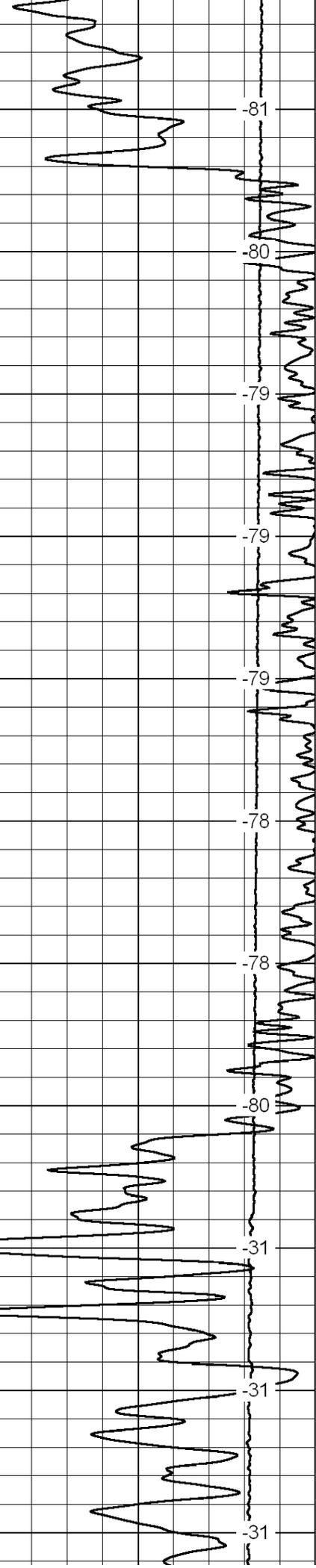
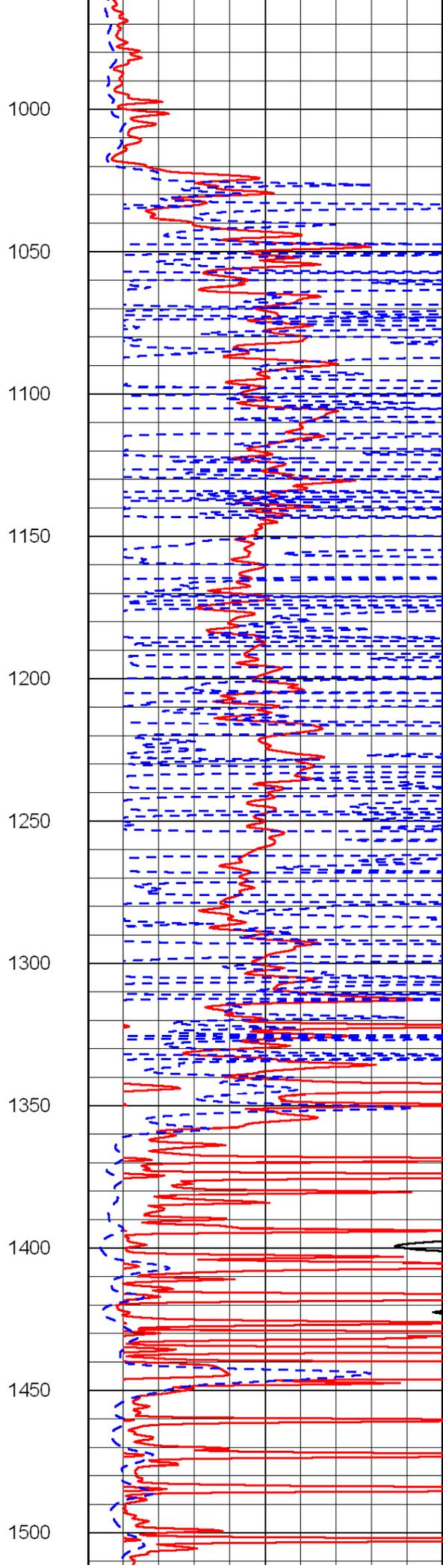
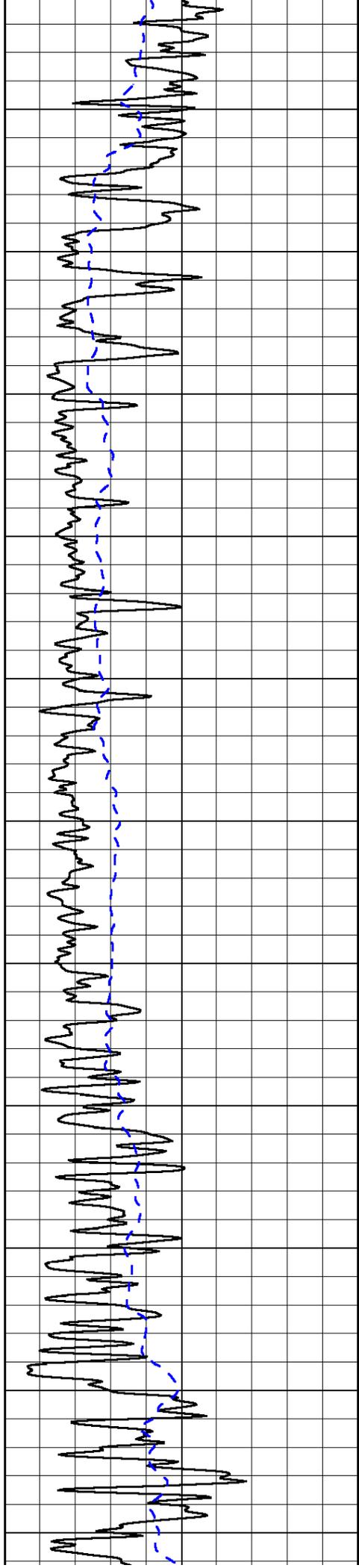
|   |                     |    |
|---|---------------------|----|
| 0 | Shallow Resistivity | 50 |
| 0 | Deep Resistivity    | 50 |

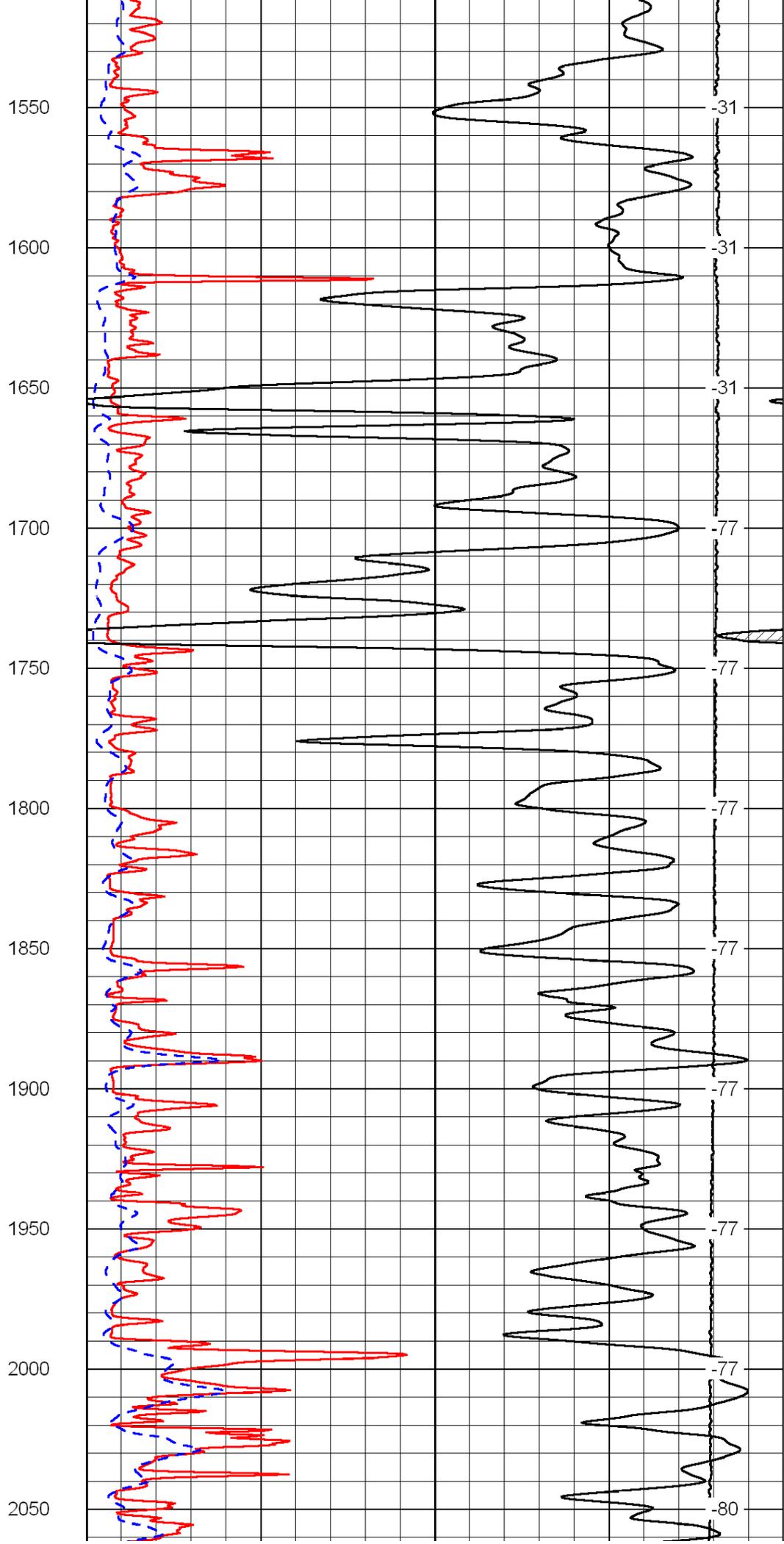
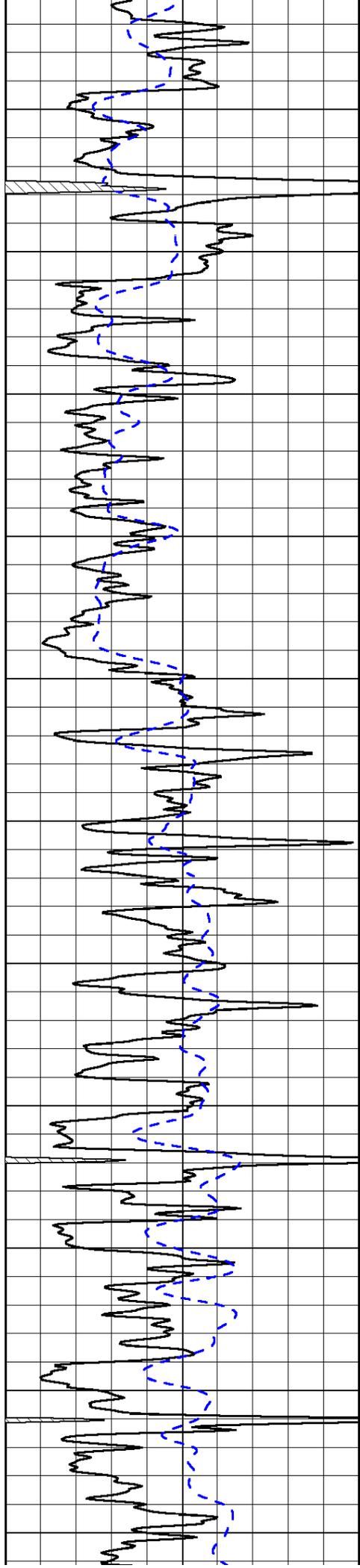
LSPD

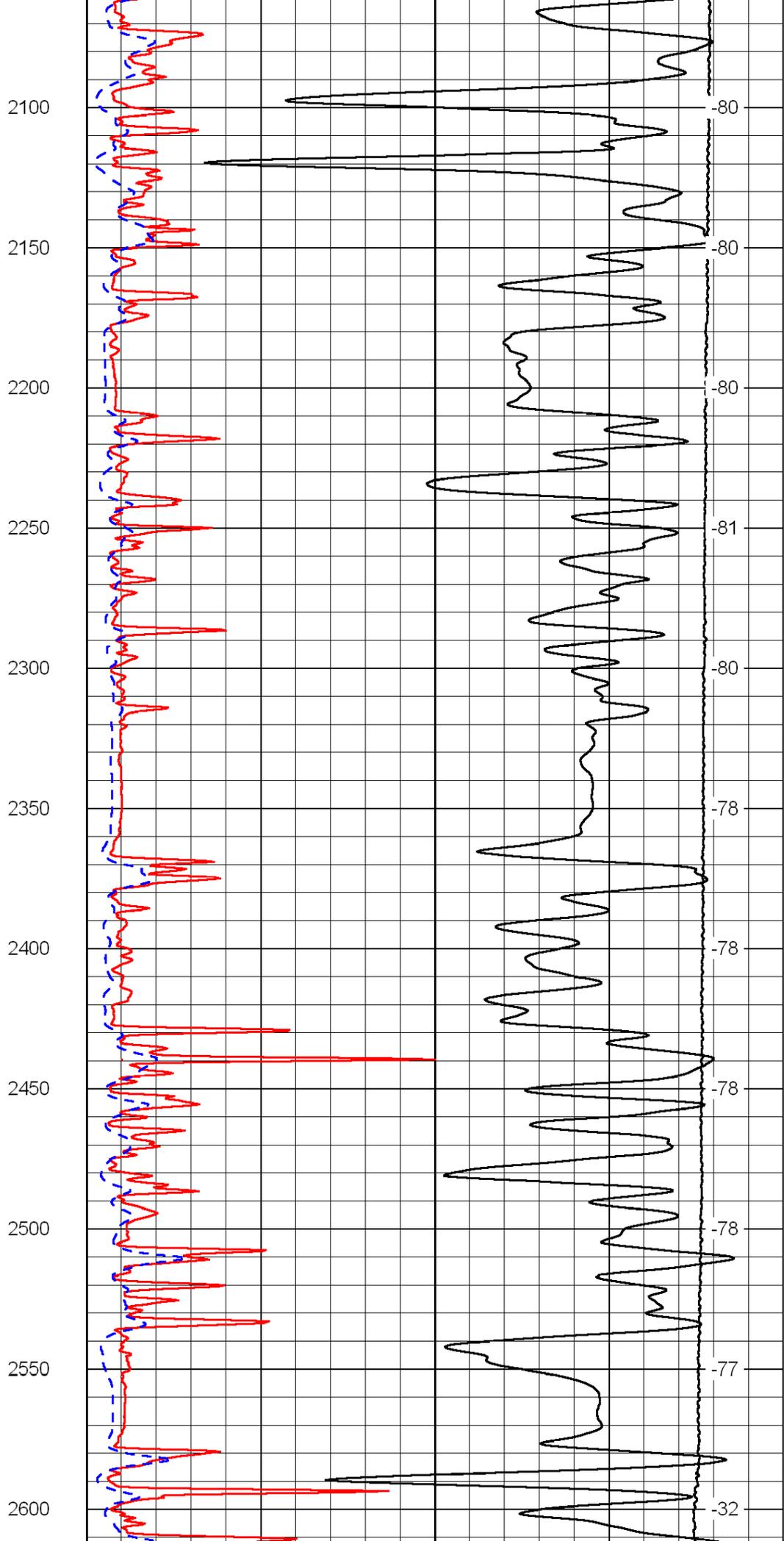
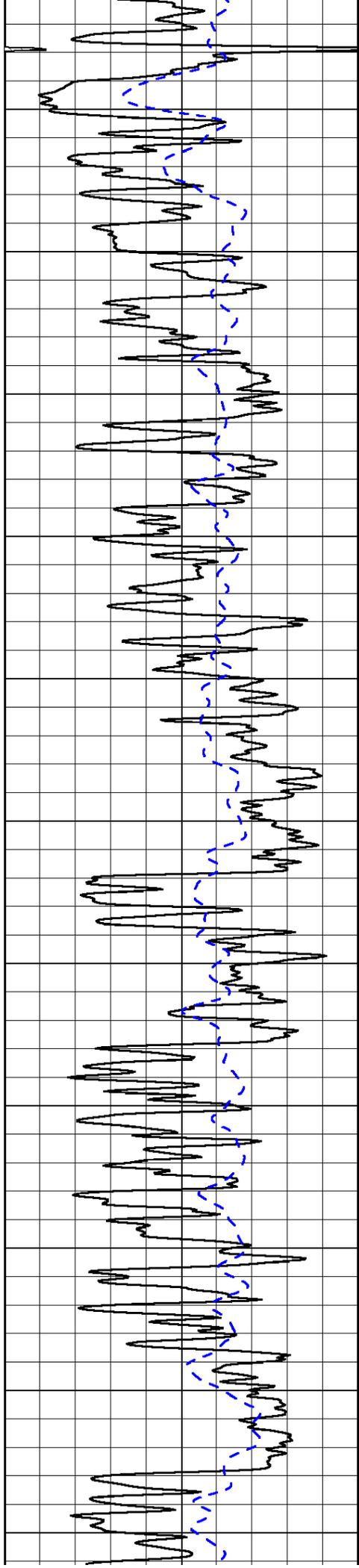
|       |              |   |
|-------|--------------|---|
| 1000  | Conductivity | 0 |
| 15000 | Line Tension | 0 |

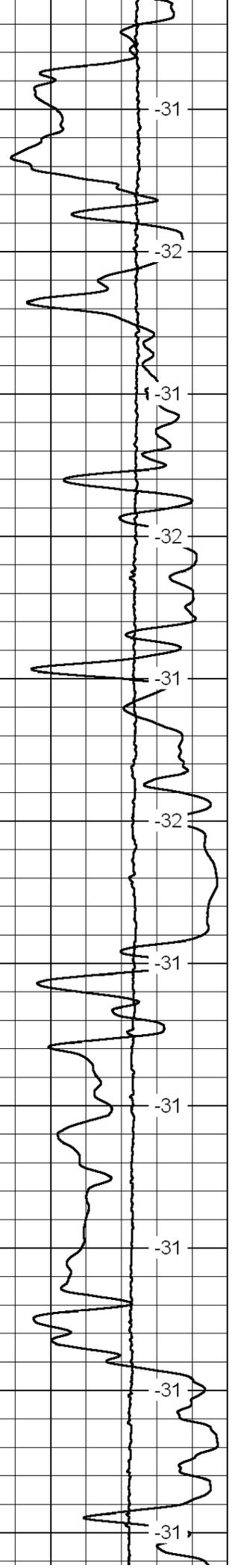
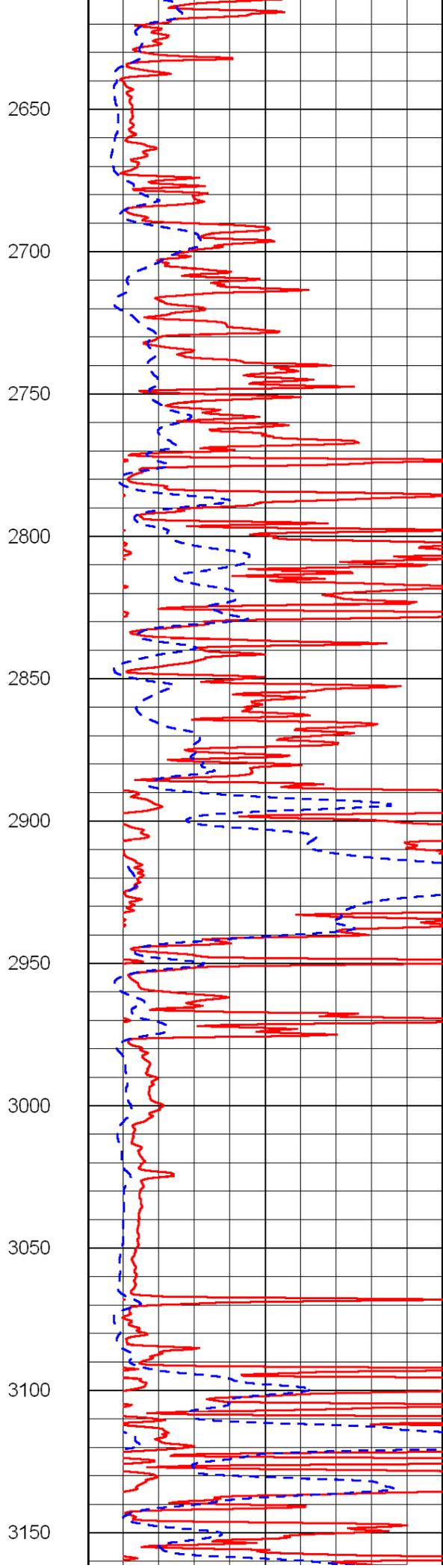
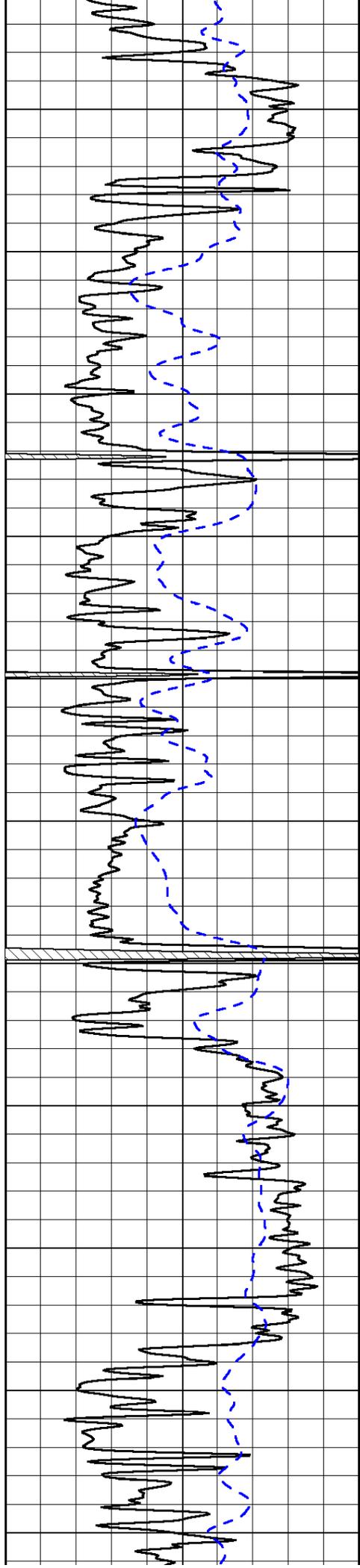
|    |                     |     |
|----|---------------------|-----|
| 50 | Shallow Resistivity | 500 |
| 50 | Deep Resistivity    | 500 |

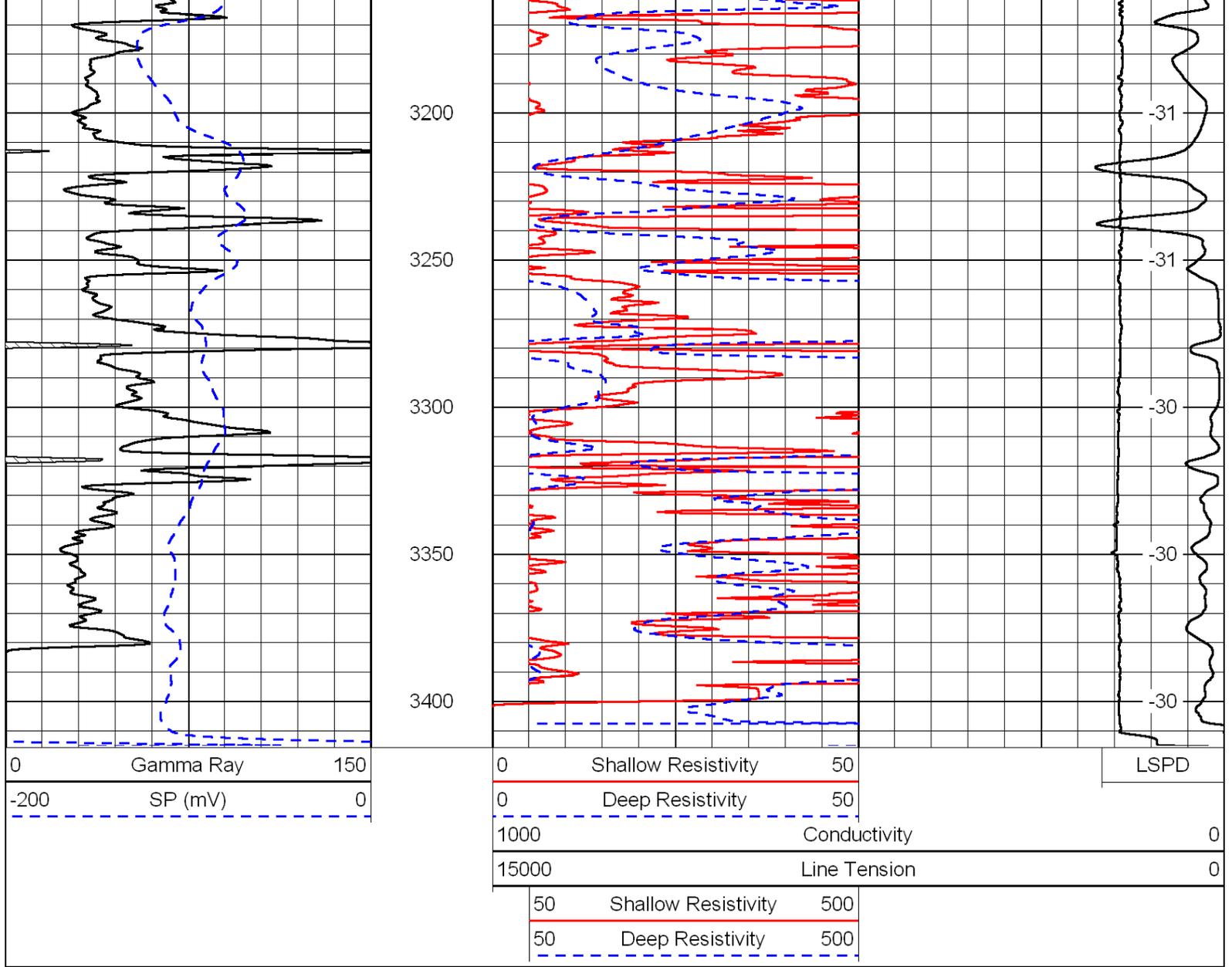




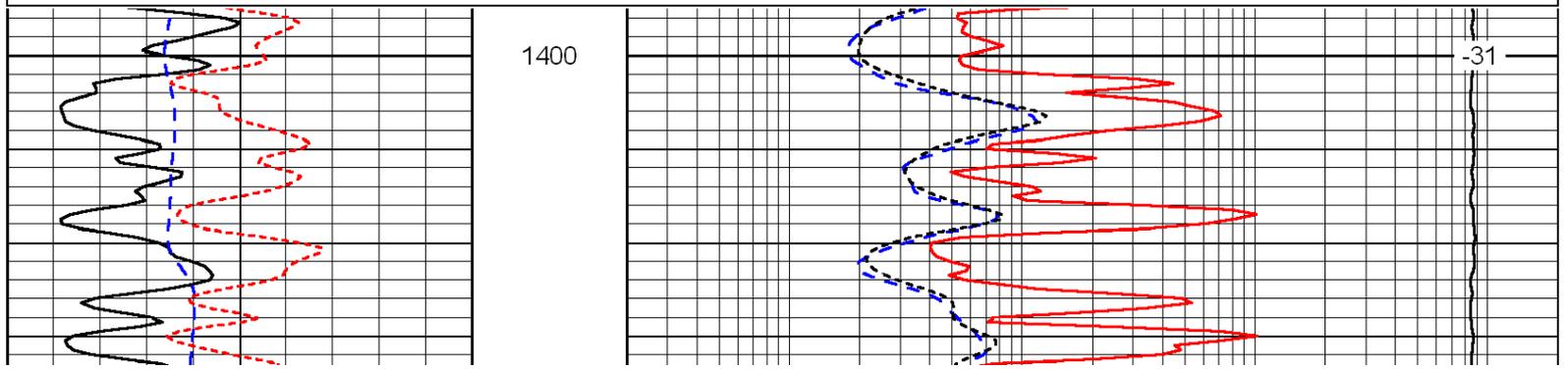
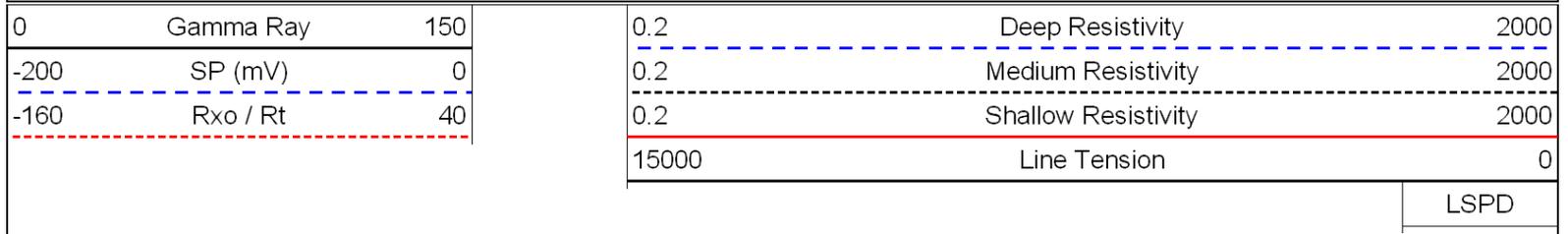


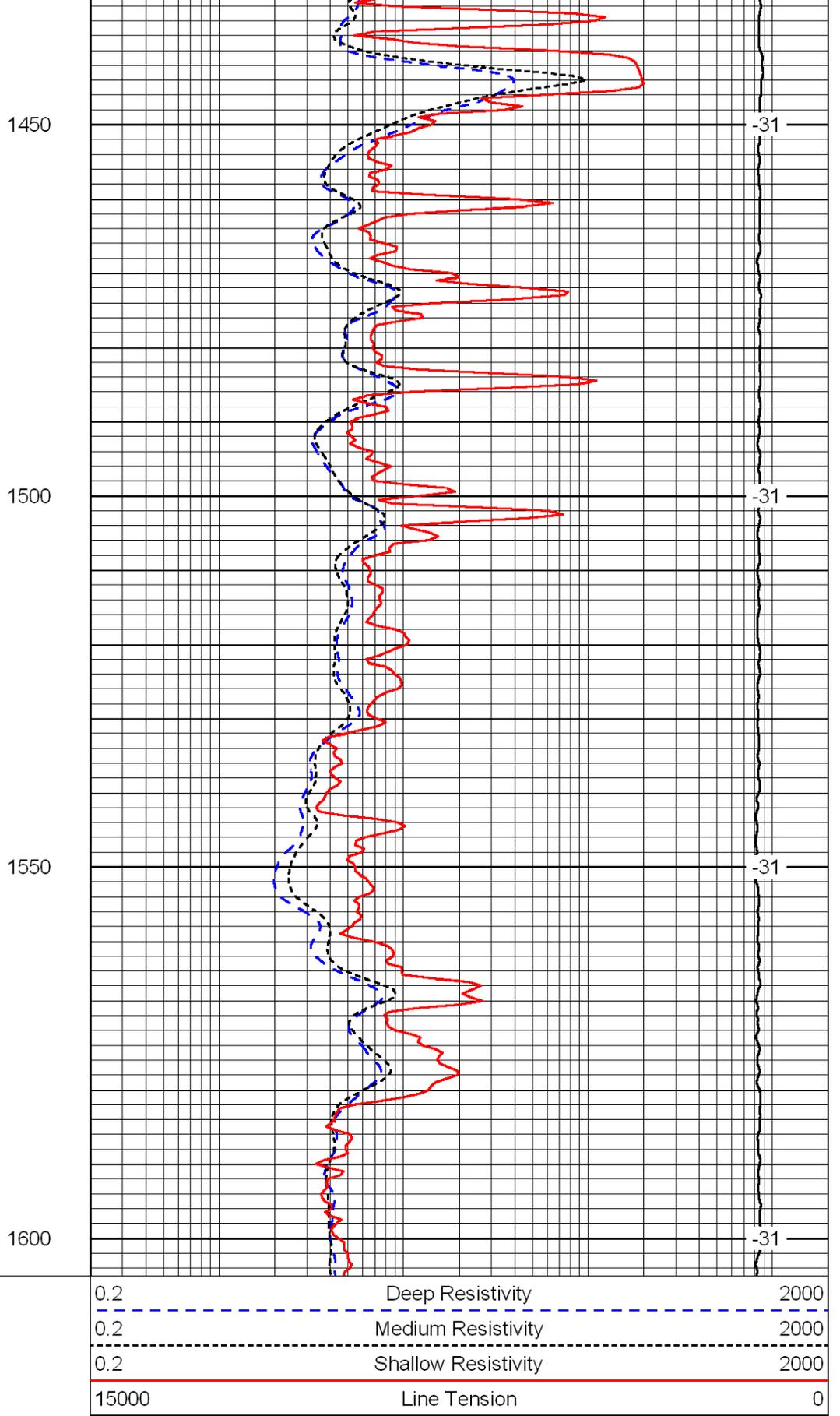
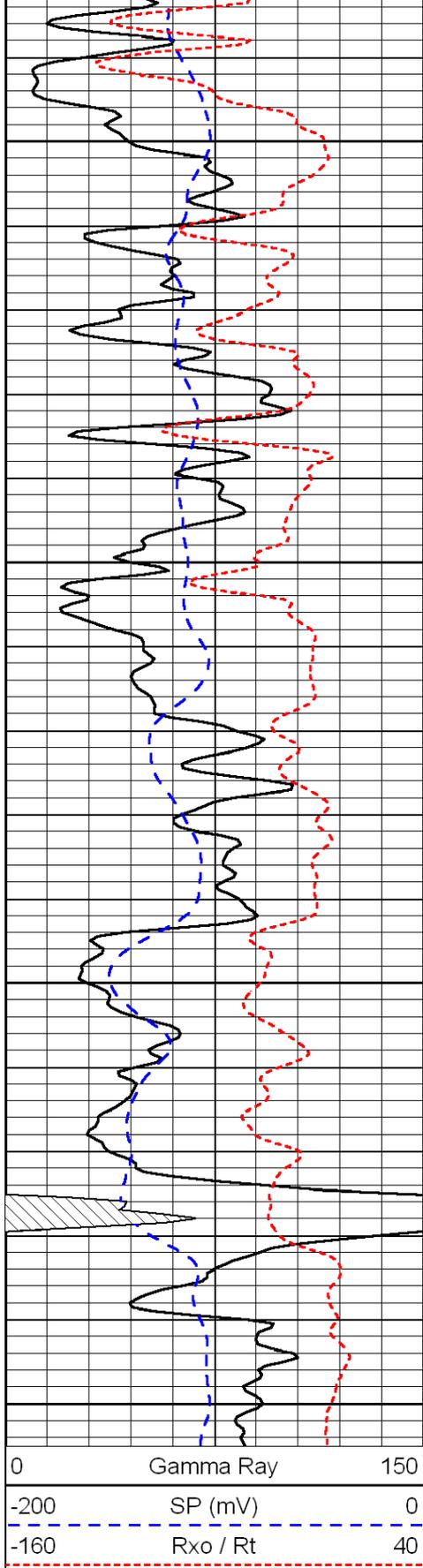






Database File: c:\warrior\data\vess\_hagen b no.1\vesshd.db  
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 Presentation Format: dil  
 Dataset Creation: Tue Oct 11 13:06:22 2011  
 Charted by: Depth in Feet scaled 1:240





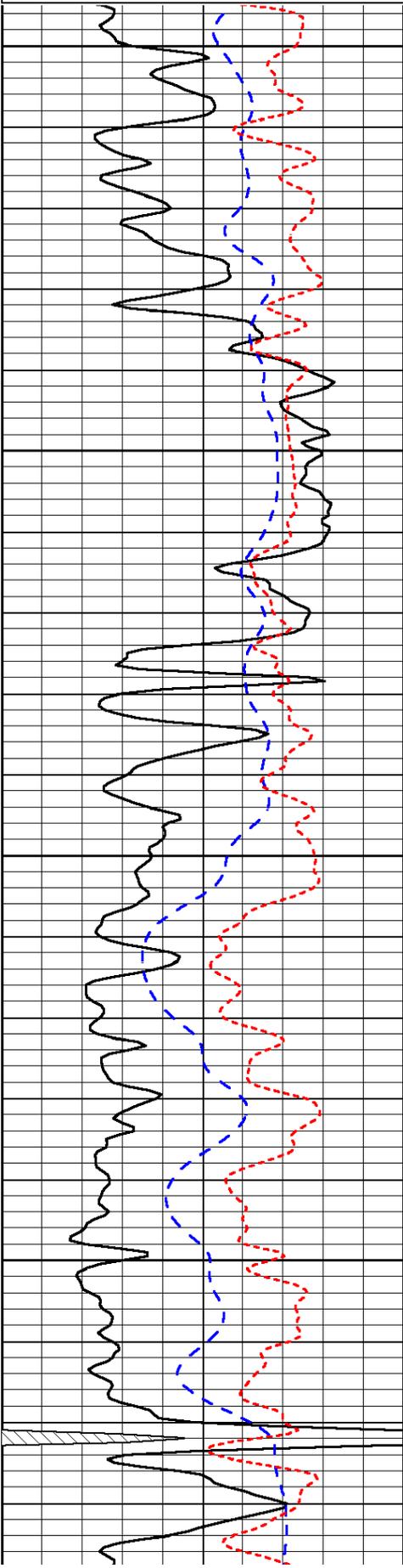
LSPD

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 Presentation Format: dil  
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 Charted by: Depth in Feet scaled 1:240

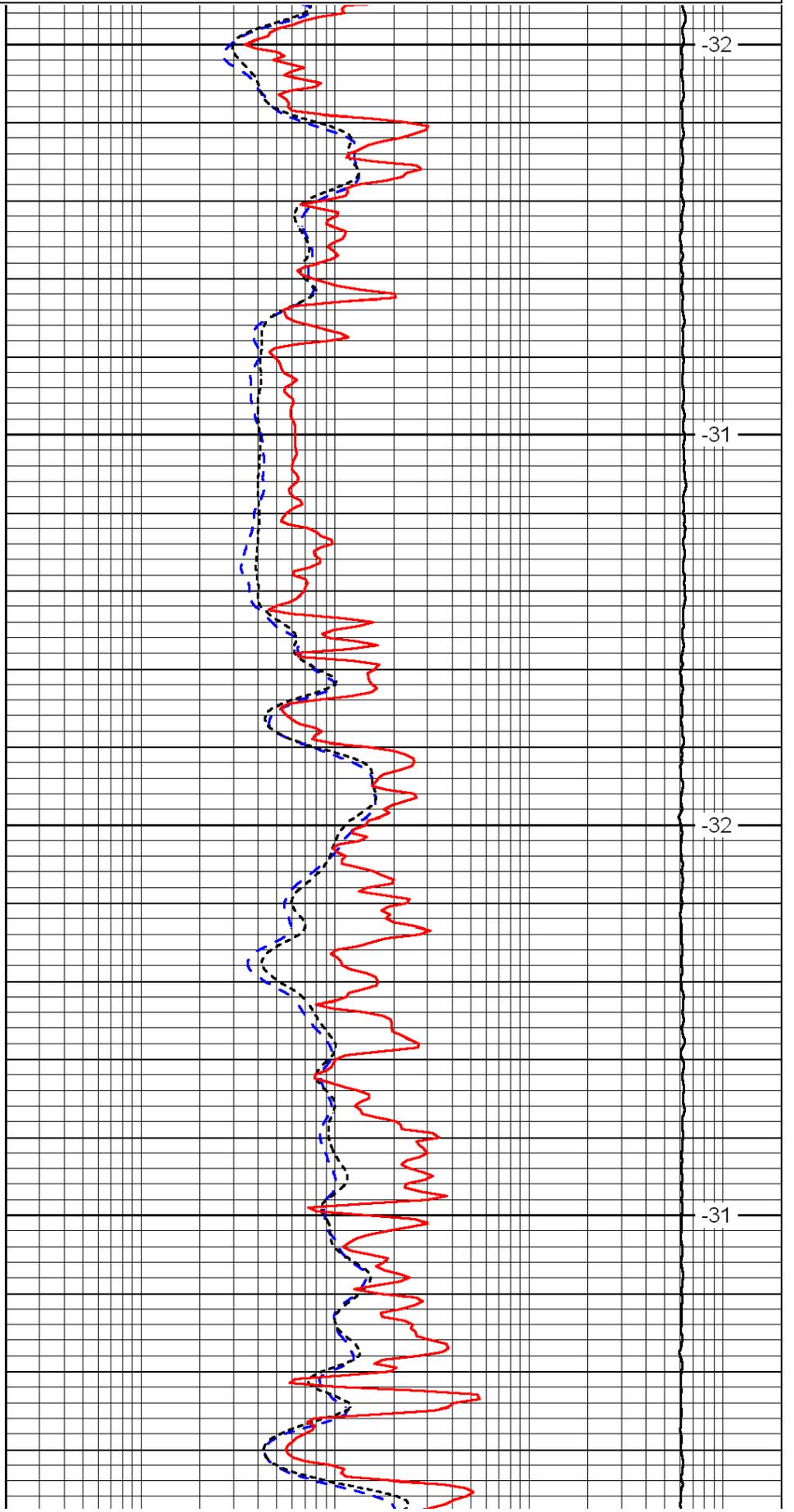
|      |           |     |
|------|-----------|-----|
| 0    | Gamma Ray | 150 |
| -200 | SP (mV)   | 0   |
| -160 | Rxo / Rt  | 40  |

|       |                     |      |
|-------|---------------------|------|
| 0.2   | Deep Resistivity    | 2000 |
| 0.2   | Medium Resistivity  | 2000 |
| 0.2   | Shallow Resistivity | 2000 |
| 15000 | Line Tension        | 0    |

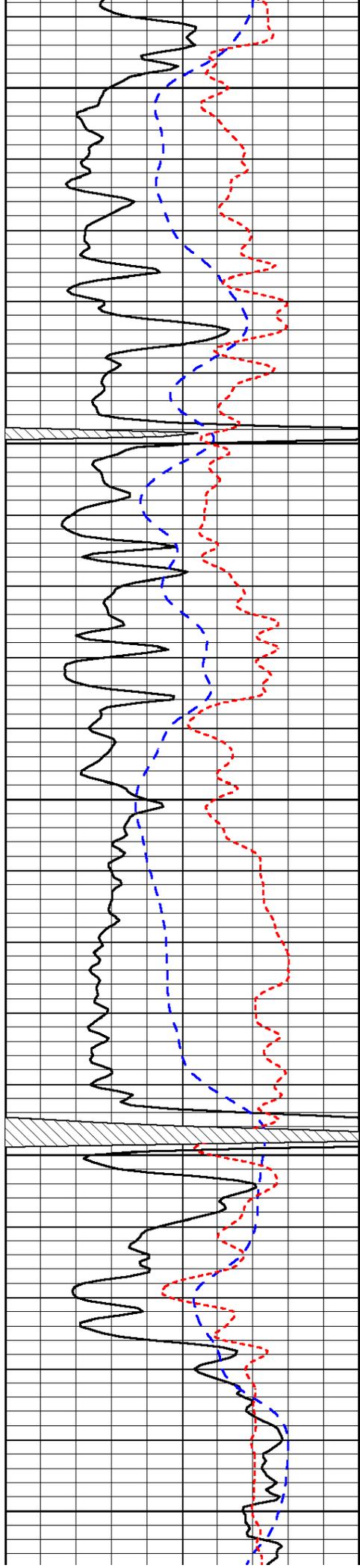
LSPD



2600  
2650  
2700  
2750



-32  
-31  
-32  
-31



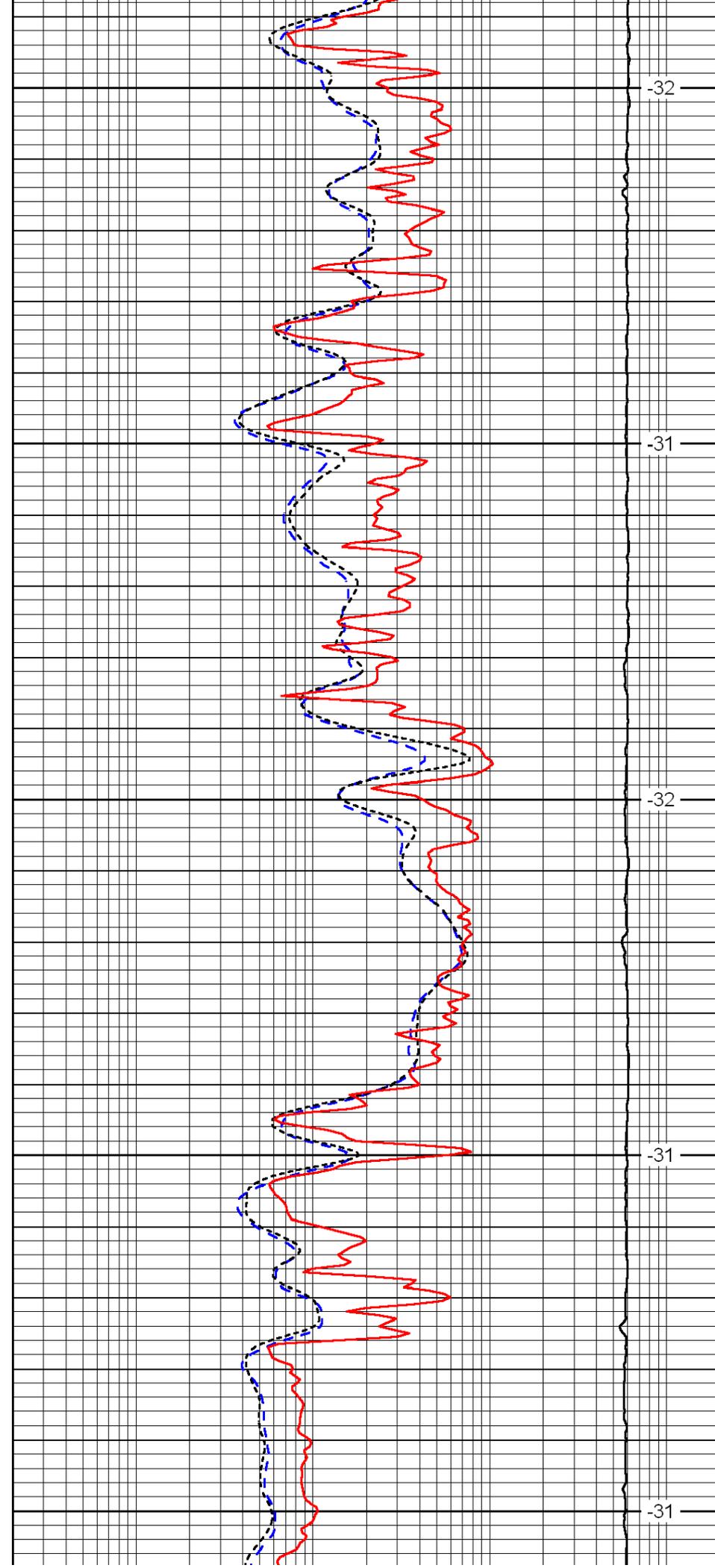
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2850

2900

2950

3000



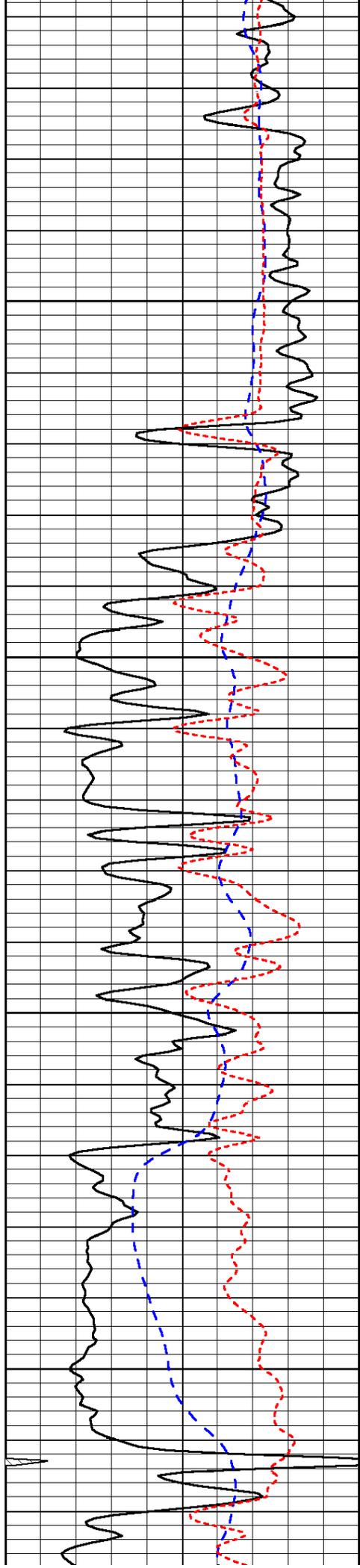
-32

-31

-32

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-31

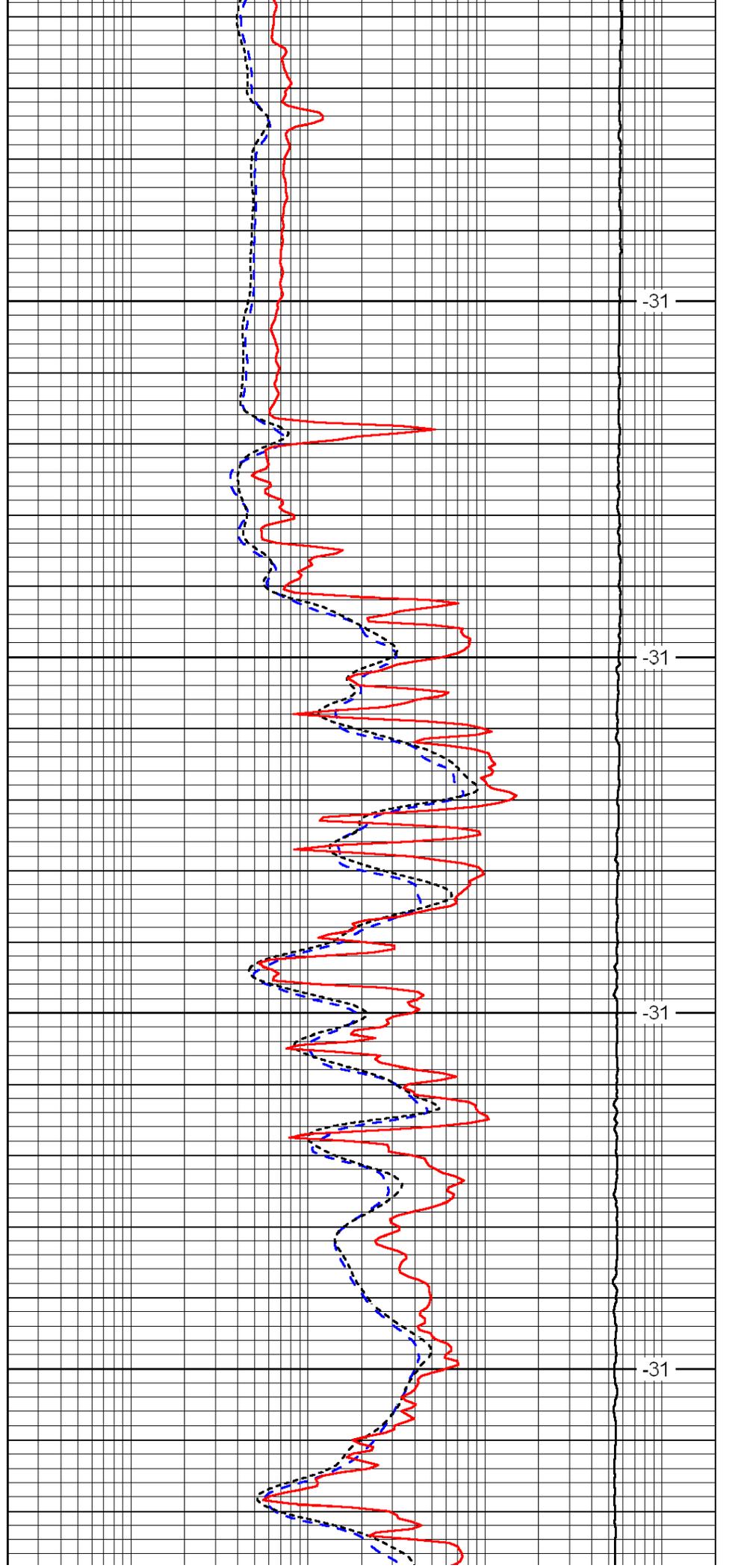


3050

3100

3150

3200

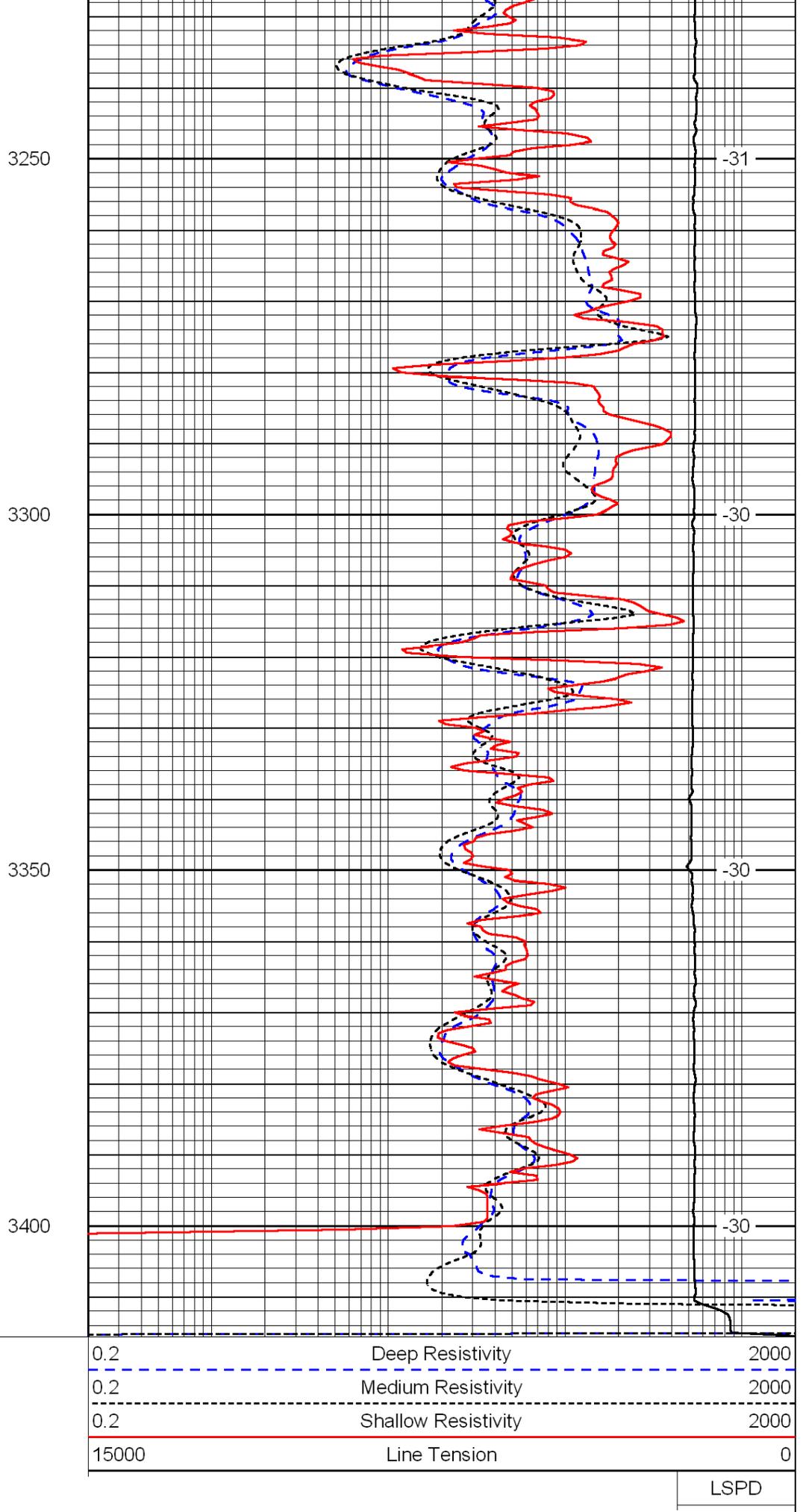
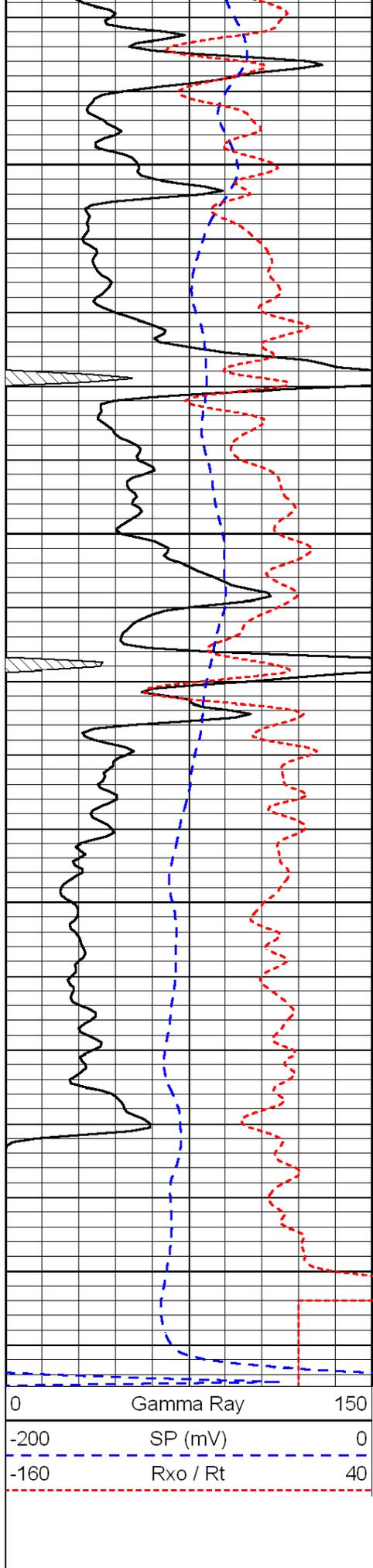


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LSPD