



## Dual Induction Log

DIGITAL LOG (785) 625-3858

|                        |                                     |                                          |                                  |
|------------------------|-------------------------------------|------------------------------------------|----------------------------------|
| API No.                | Company McCoy Petroleum Corporation |                                          |                                  |
| 15-163-23,694-00-00    | Well KST A No. 1-3                  |                                          |                                  |
|                        | Field Riseley                       |                                          |                                  |
|                        | County                              | Rooks                                    | State Kansas                     |
|                        | Location                            | 165' E SE SW NW<br>2310' FNL & 1155' FWL |                                  |
|                        | Sec: 3                              | Twp: 7 S                                 | Rge: 19 W                        |
| Permanent Datum        | Ground Level                        | Elevation 2002                           | Other Services<br>CNL/CDL<br>MEL |
| Log Measured From      | Kelly Bushing                       | 5 Ft. Above Perm. Datum                  | K.B. 2007                        |
| Drilling Measured From | Kelly Bushing                       |                                          | D.F. 2002                        |
| Date                   | 7/16/2011                           |                                          |                                  |
| Run Number             | One                                 |                                          |                                  |
| Depth Driller          | 3508                                |                                          |                                  |
| Depth Logger           | 3505                                |                                          |                                  |
| Bottom Logged Interval | 3504                                |                                          |                                  |
| Top Log Interval       | 00                                  |                                          |                                  |
| Casing Driller         | 8.625 @ 219                         |                                          |                                  |
| Casing Logger          | 218                                 |                                          |                                  |
| Bit Size               | 7.875                               |                                          |                                  |
| Type Fluid in Hole     | Chemical                            |                                          |                                  |
| Salinity, ppm CL       | 1,900                               |                                          |                                  |
| Density / Viscosity    | 9.3 53                              |                                          |                                  |
| pH / Fluid Loss        | 9.0 8.0                             |                                          |                                  |
| Source of Sample       | Flowline                            |                                          |                                  |
| Rm @ Meas. Temp        | .95 @ 78                            |                                          |                                  |
| Rmf @ Meas. Temp       | .71 @ 78                            |                                          |                                  |
| Rmc @ Meas. Temp       | 1.28 @ 78                           |                                          |                                  |
| Source of Rmf / Rmc    | Charts                              |                                          |                                  |
| Rm @ BHT               | .67 @ 113                           |                                          |                                  |
| Operating Rig Time     | 4 Hours                             |                                          |                                  |
| Max Rec. Temp. F       | 113                                 |                                          |                                  |
| Equipment Number       | 4                                   |                                          |                                  |
| Location               | Hays                                |                                          |                                  |
| Recorded By            | K. Bange                            |                                          |                                  |
| Witnessed By           | Larry Nicholson                     |                                          |                                  |

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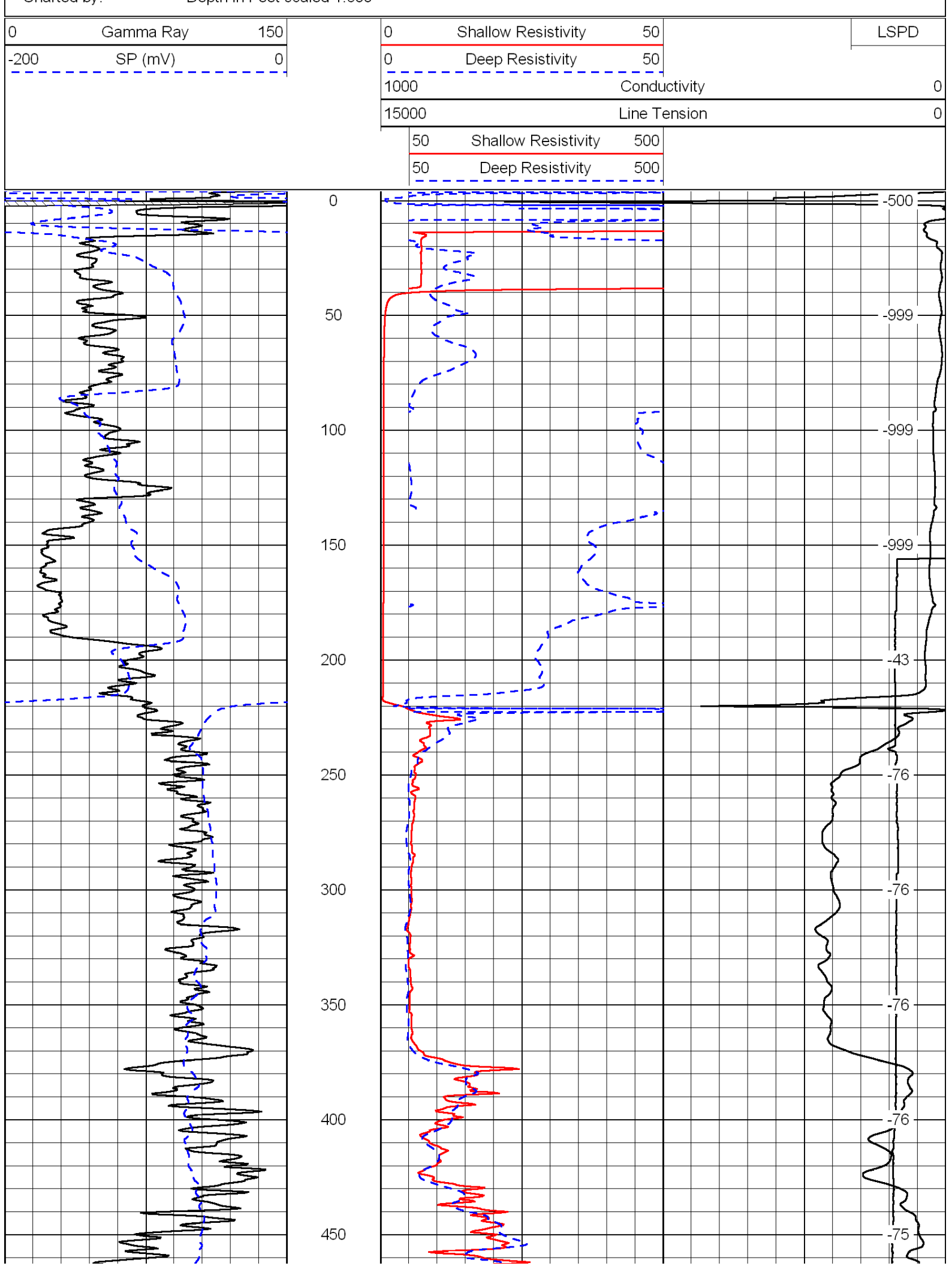
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

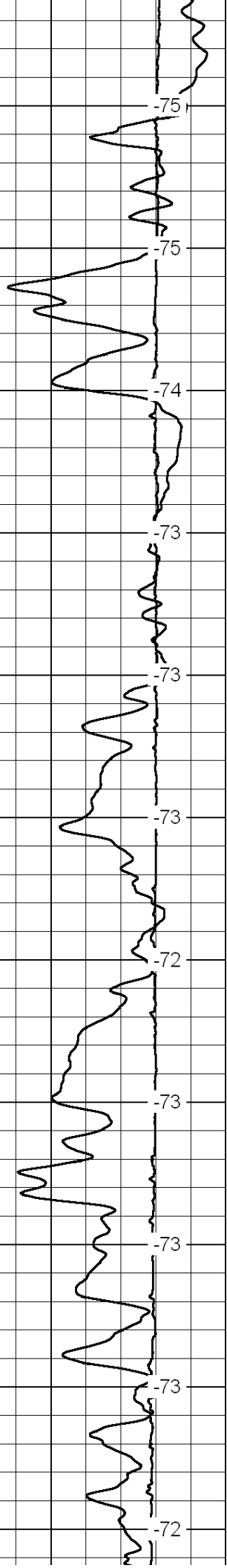
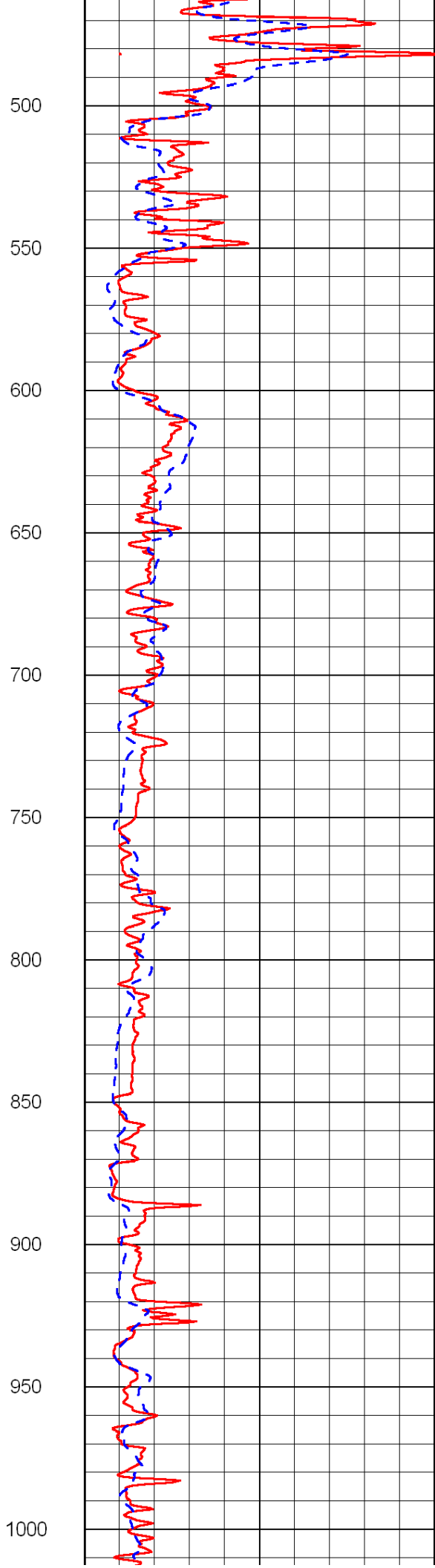
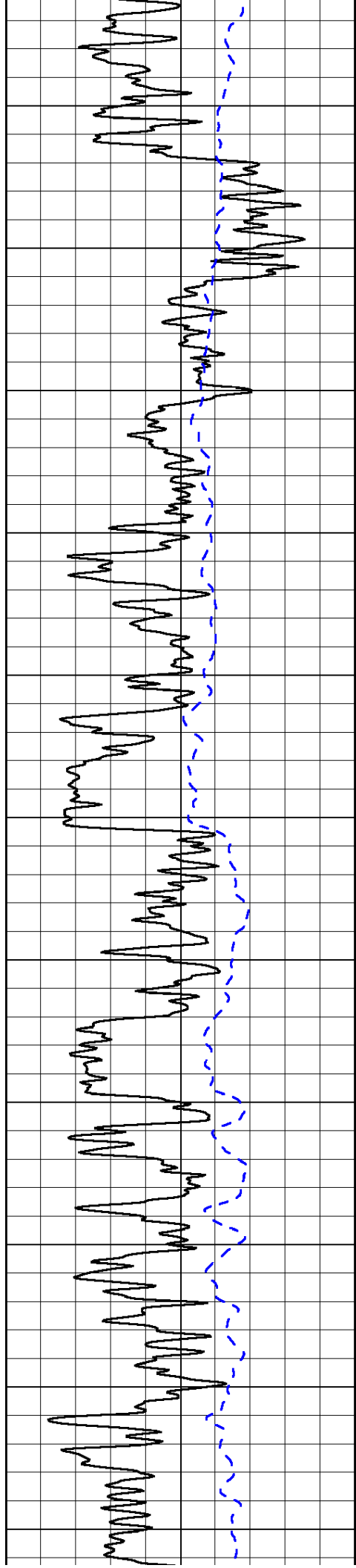
### Comments

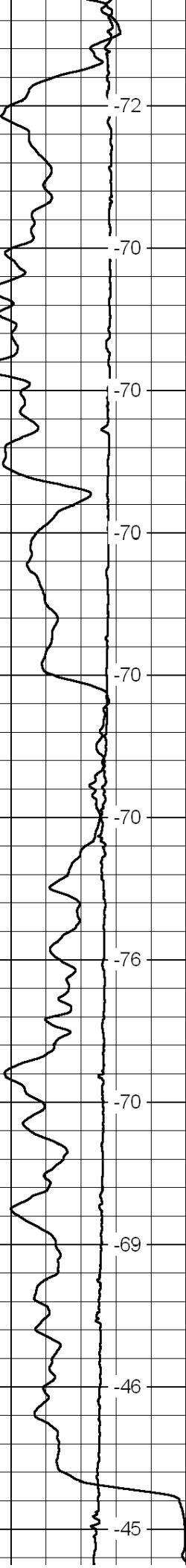
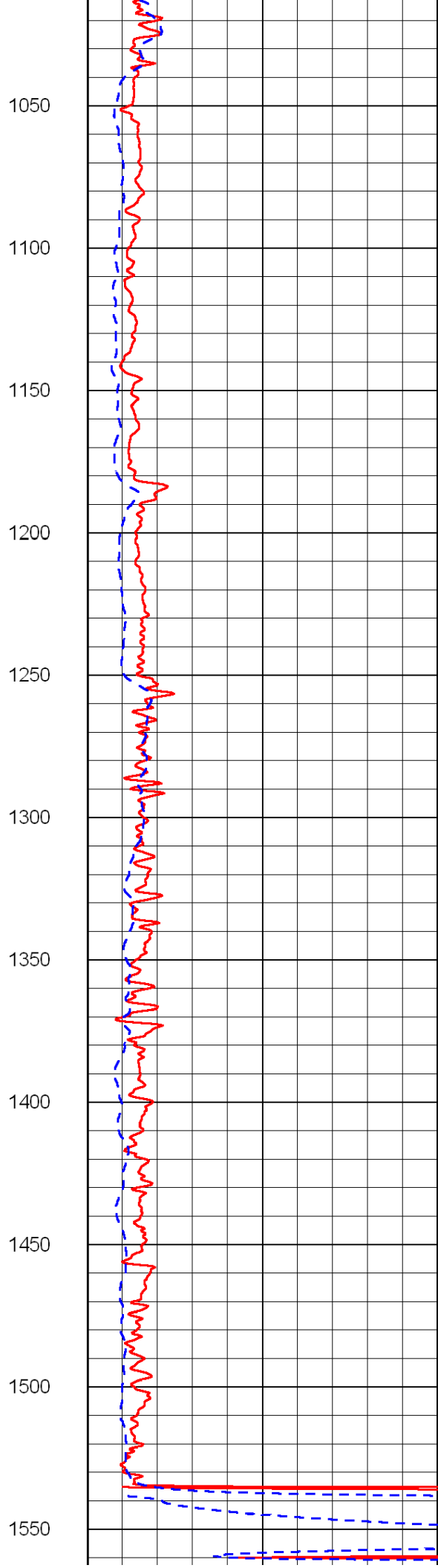
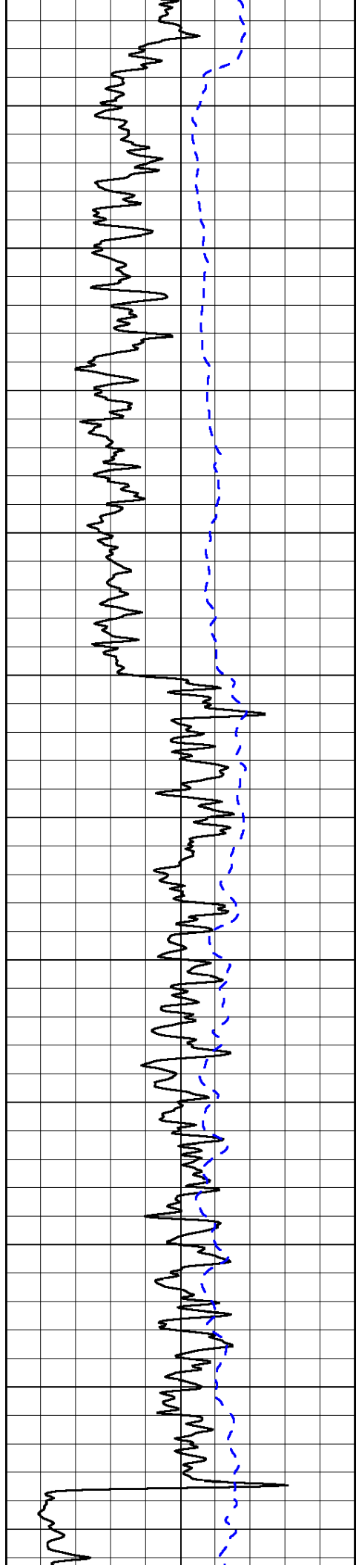
Thank you for using Log-Tech, Inc.  
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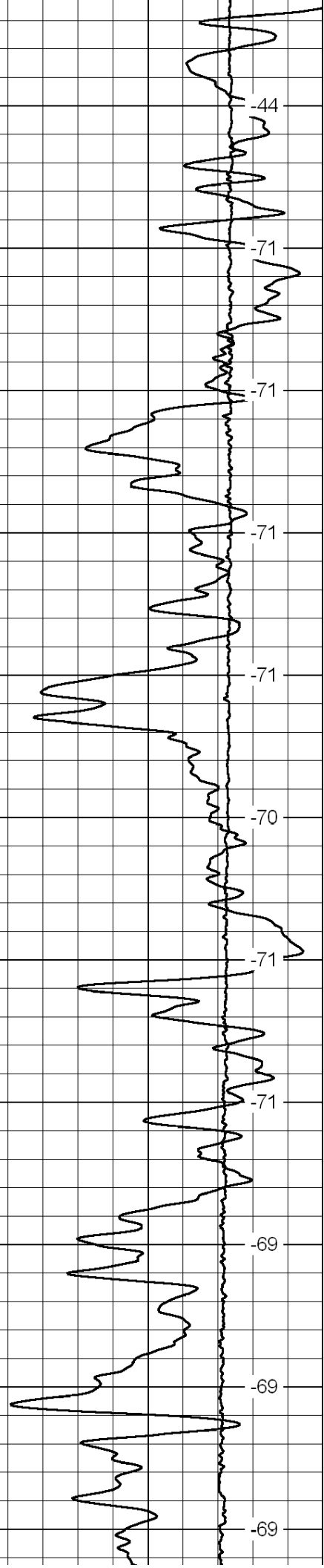
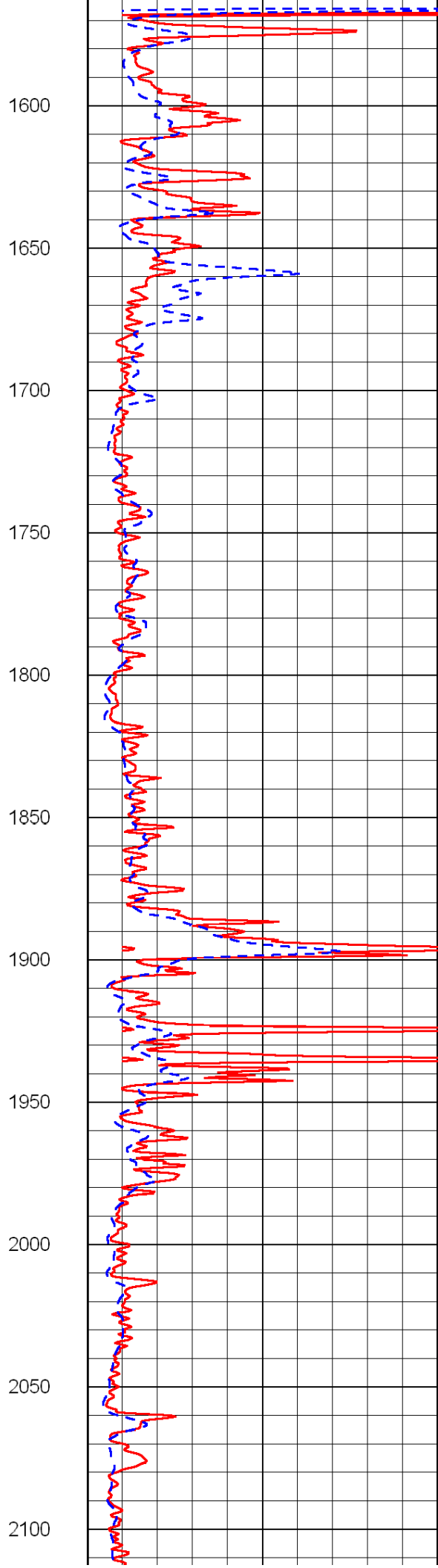
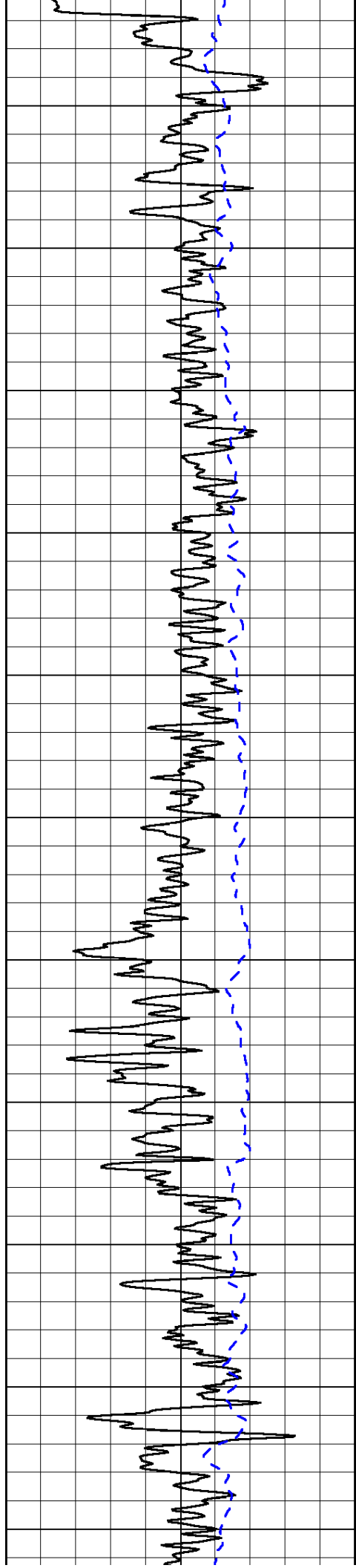
Stockton, W on Hwy 24 to 11 rd, 3 N  
1 W, 3/4 N, E into

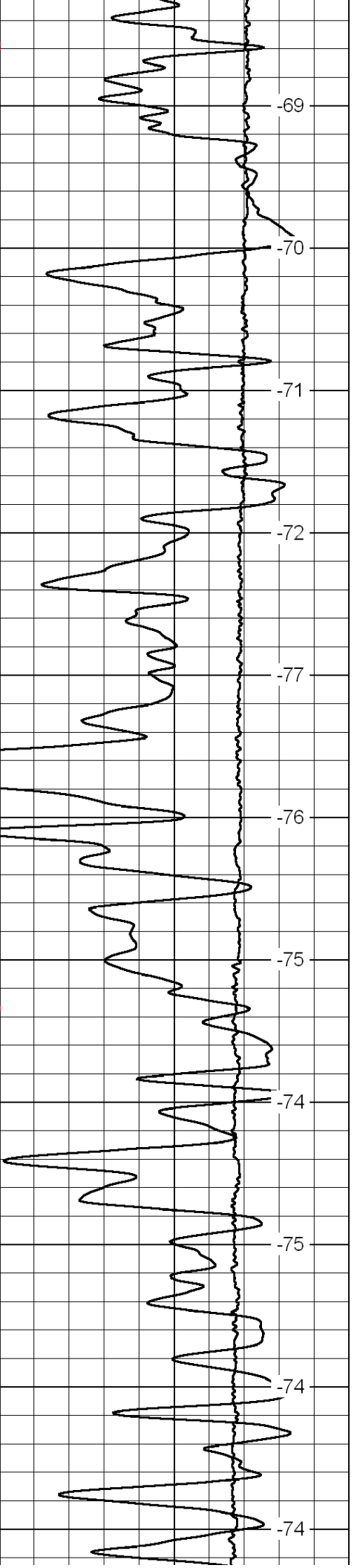
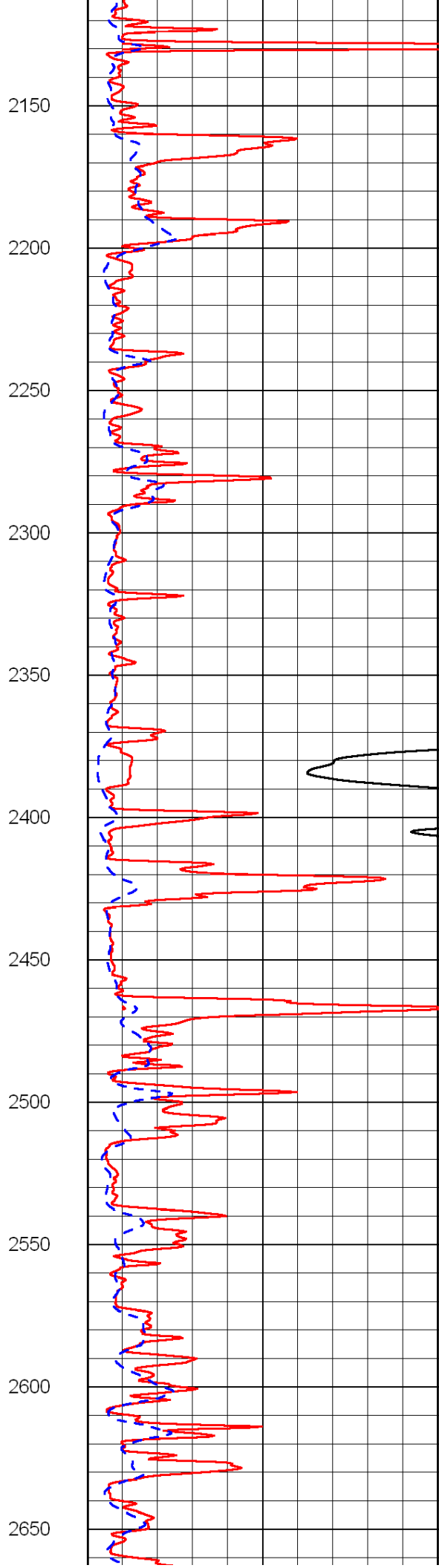
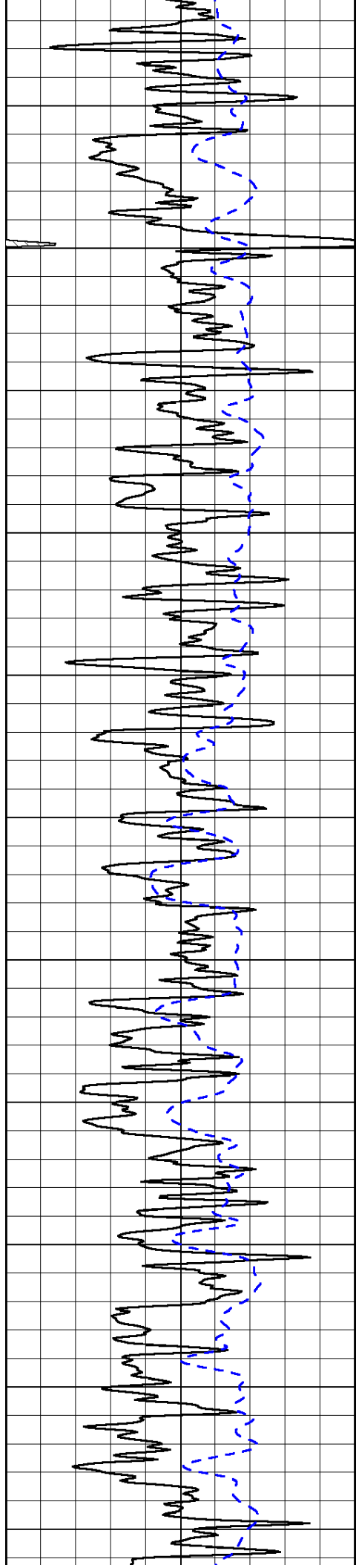
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Presentation Format: dil2in  
Dataset Creation: Sat Jul 16 08:09:17 2011  
Charted by: Depth in Feet scaled 1:600

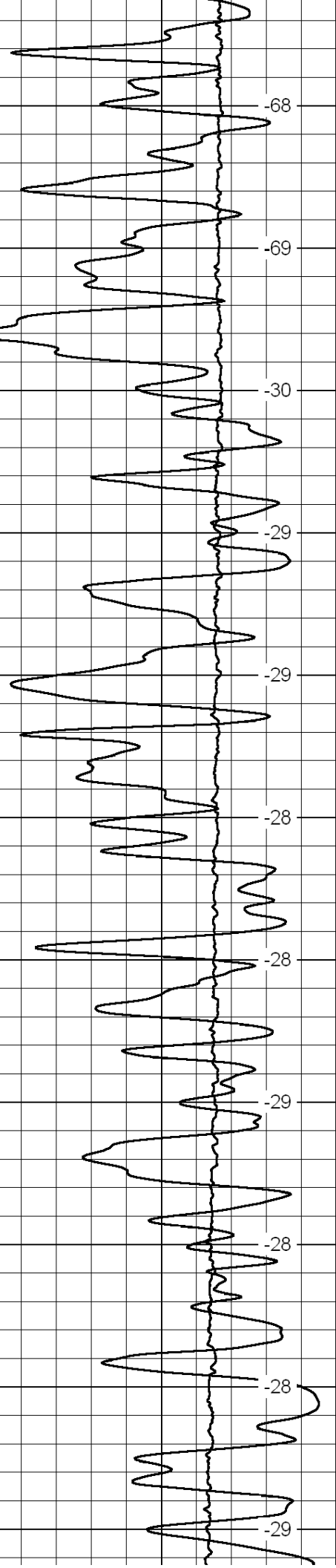
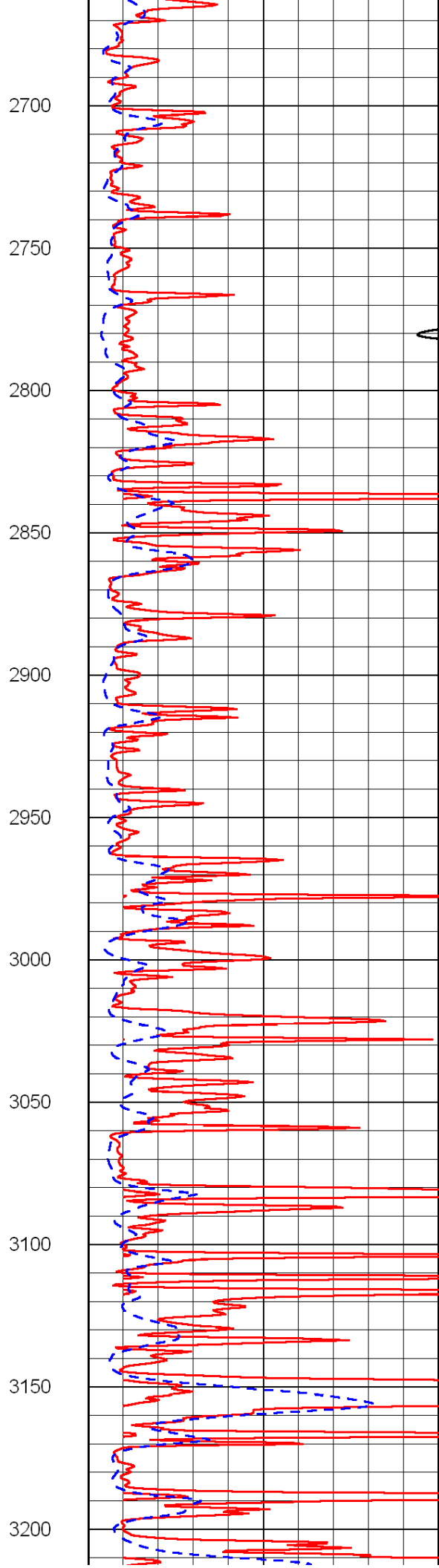
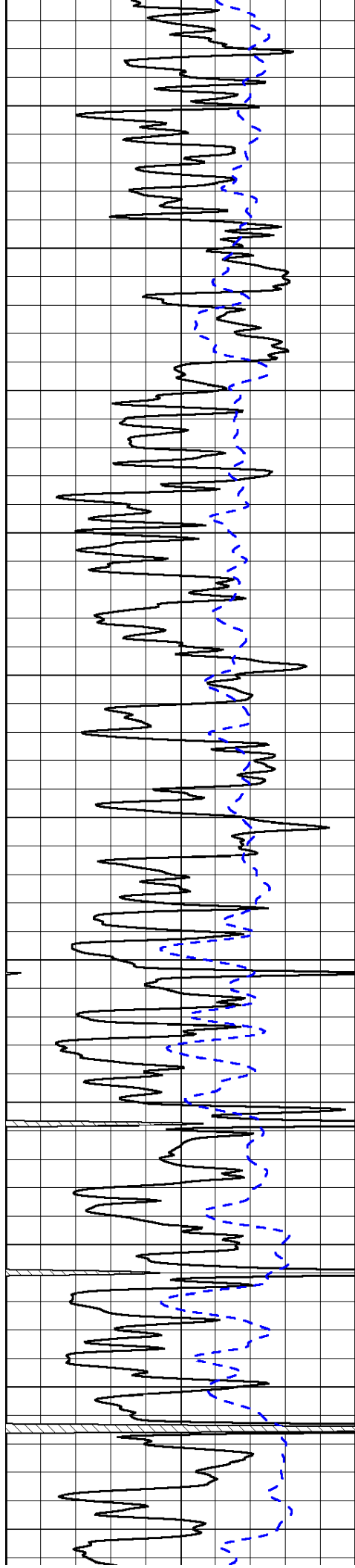


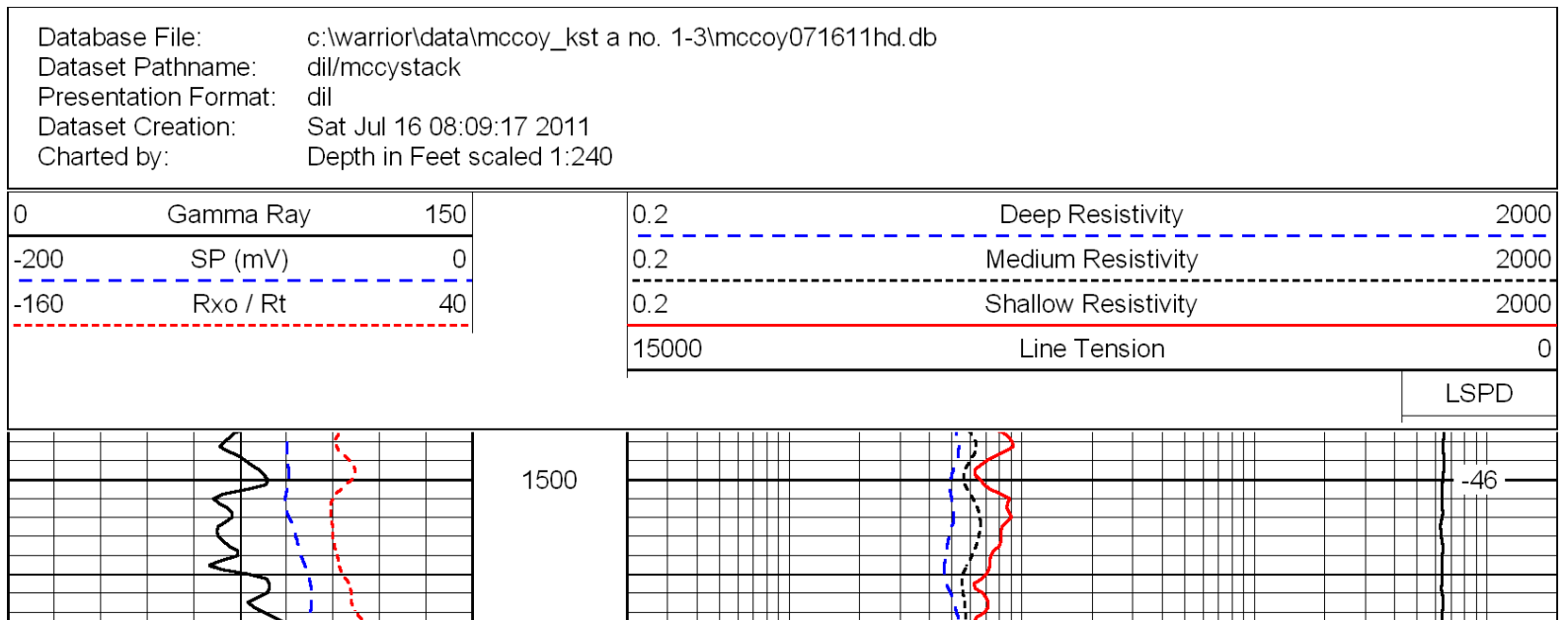
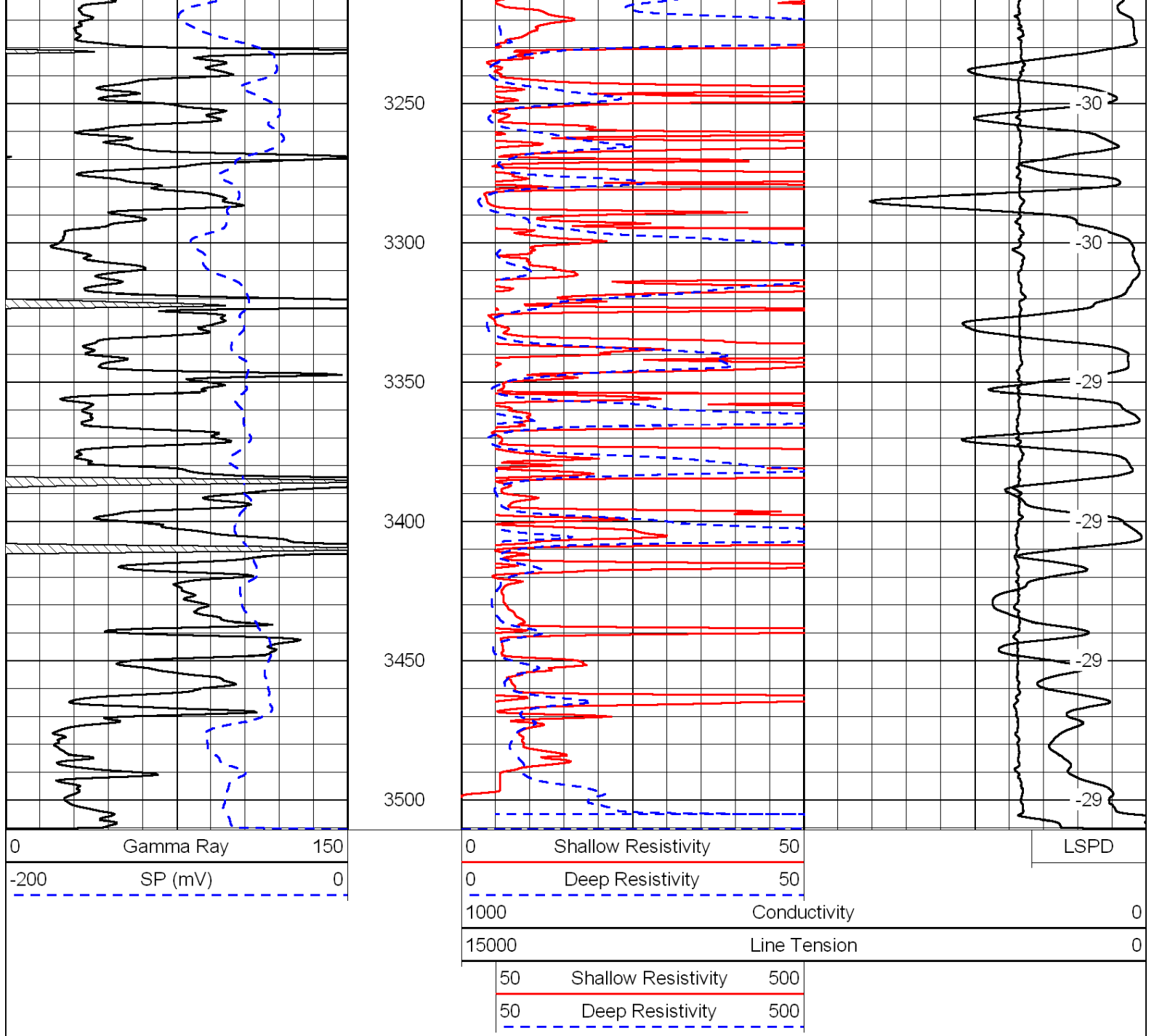


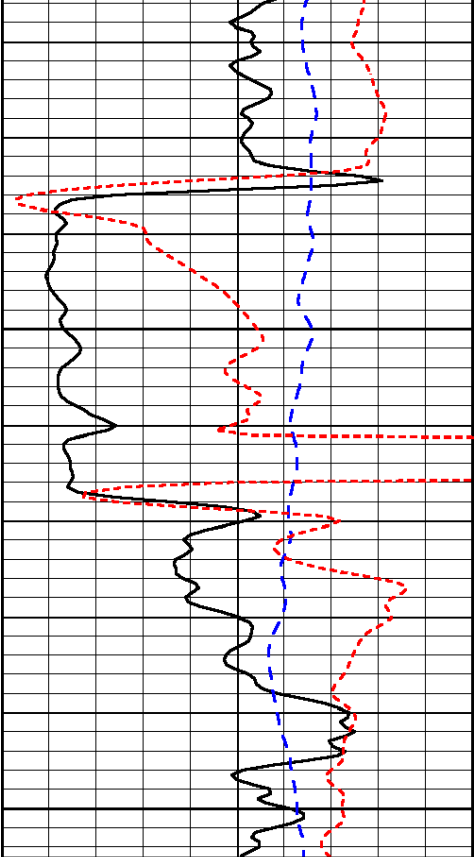








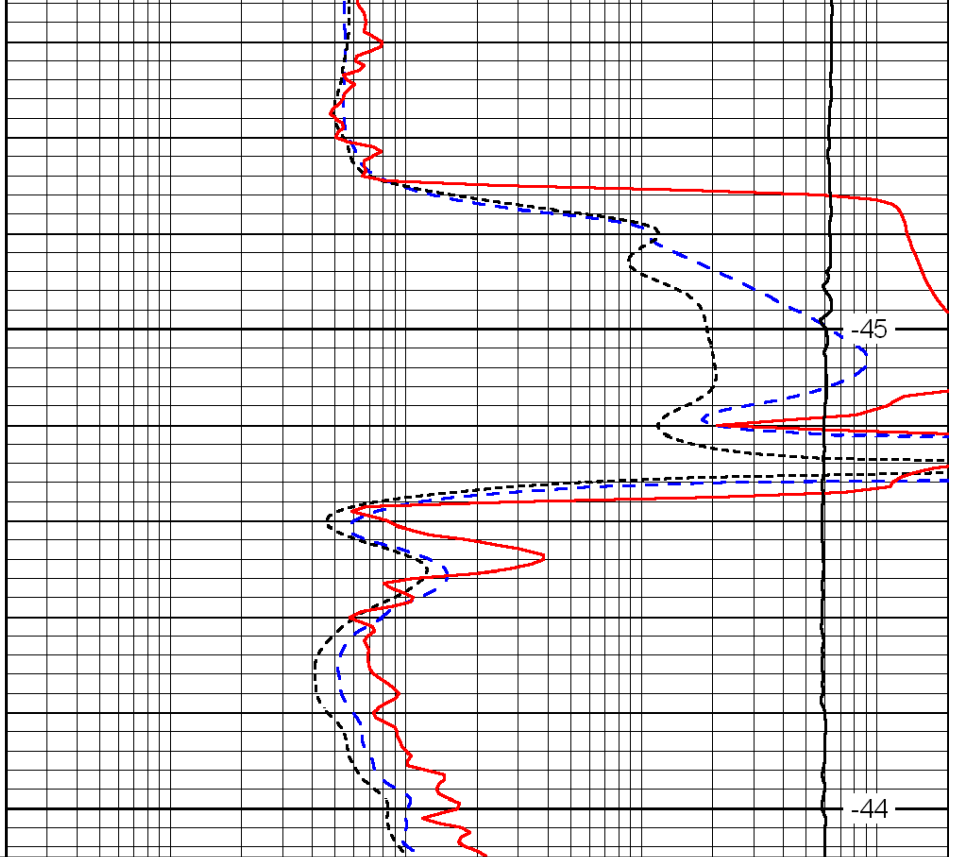




|      |           |     |
|------|-----------|-----|
| 0    | Gamma Ray | 150 |
| -200 | SP (mV)   | 0   |
| -160 | Rxo / Rt  | 40  |

1550

1600



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

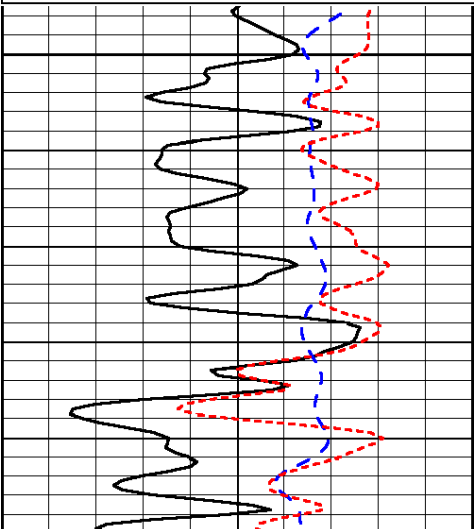
LSPD

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Presentation Format: dil  
Dataset Creation: Sat Jul 16 08:09:17 2011  
Charted by: Depth in Feet scaled 1:240

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

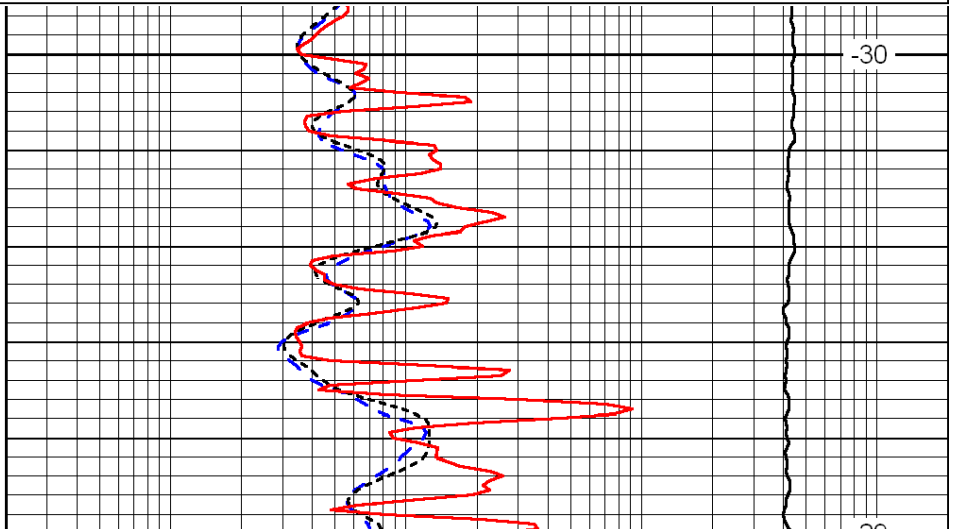
|       |                     |      |
|-------|---------------------|------|
| 0.2   | Deep Resistivity    | 2000 |
| 0.2   | Medium Resistivity  | 2000 |
| 0.2   | Shallow Resistivity | 2000 |
| 15000 | Line Tension        | 0    |

LSPD



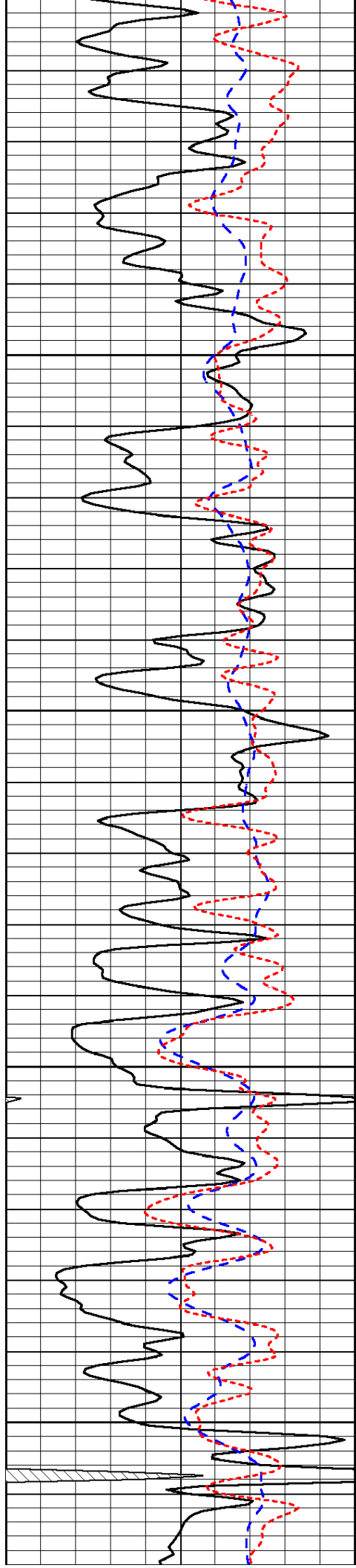
2800

2850

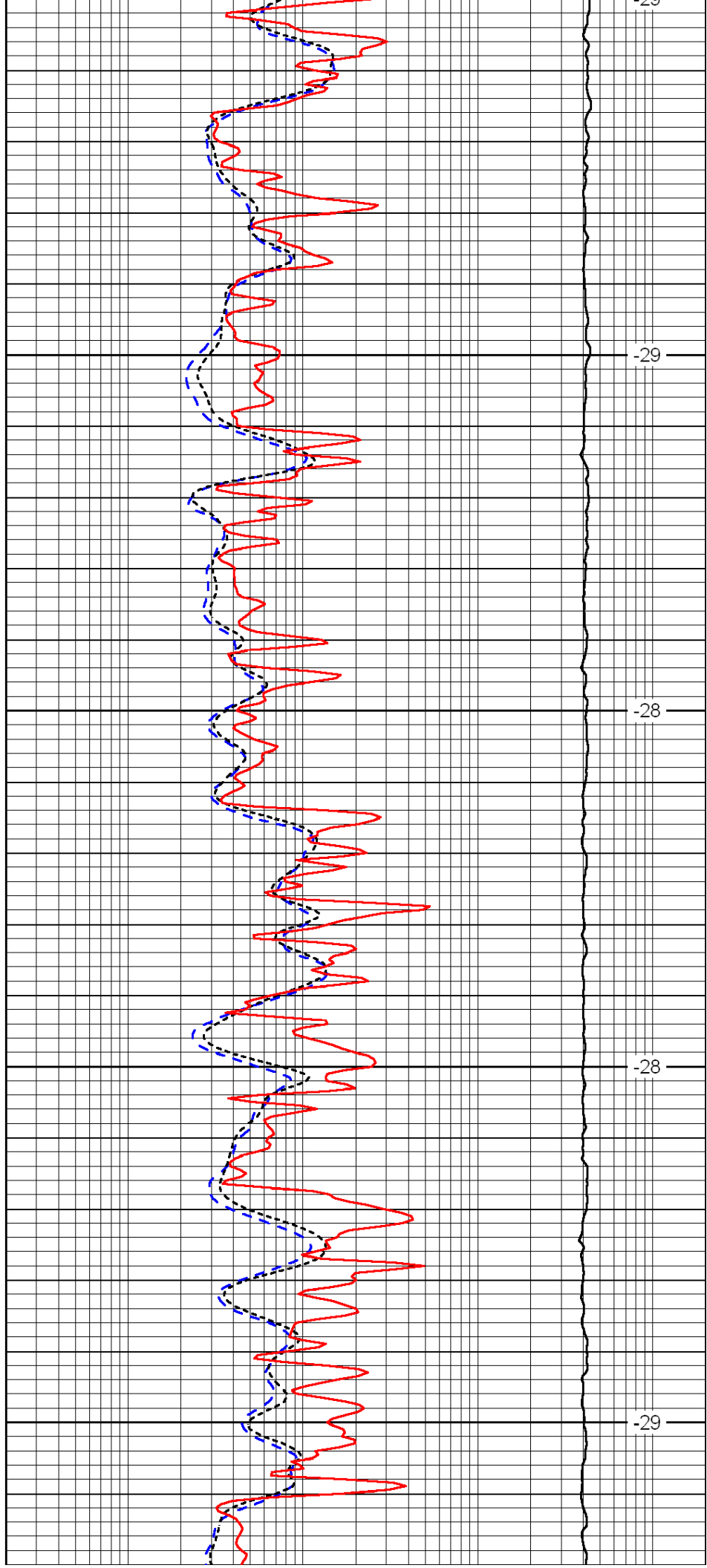


-30

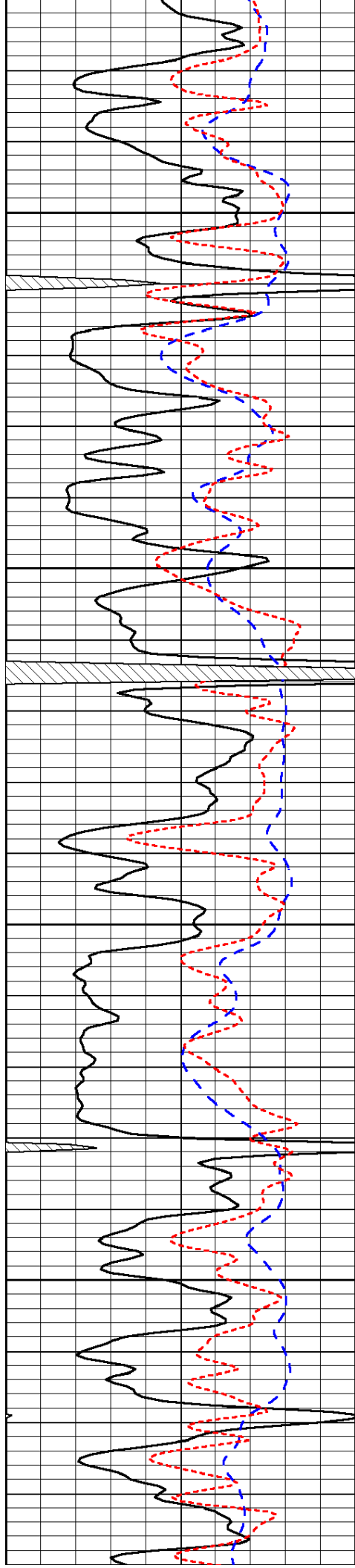
20



2850  
2900  
2950  
3000  
3050



-29  
-29  
-28  
-28  
-29

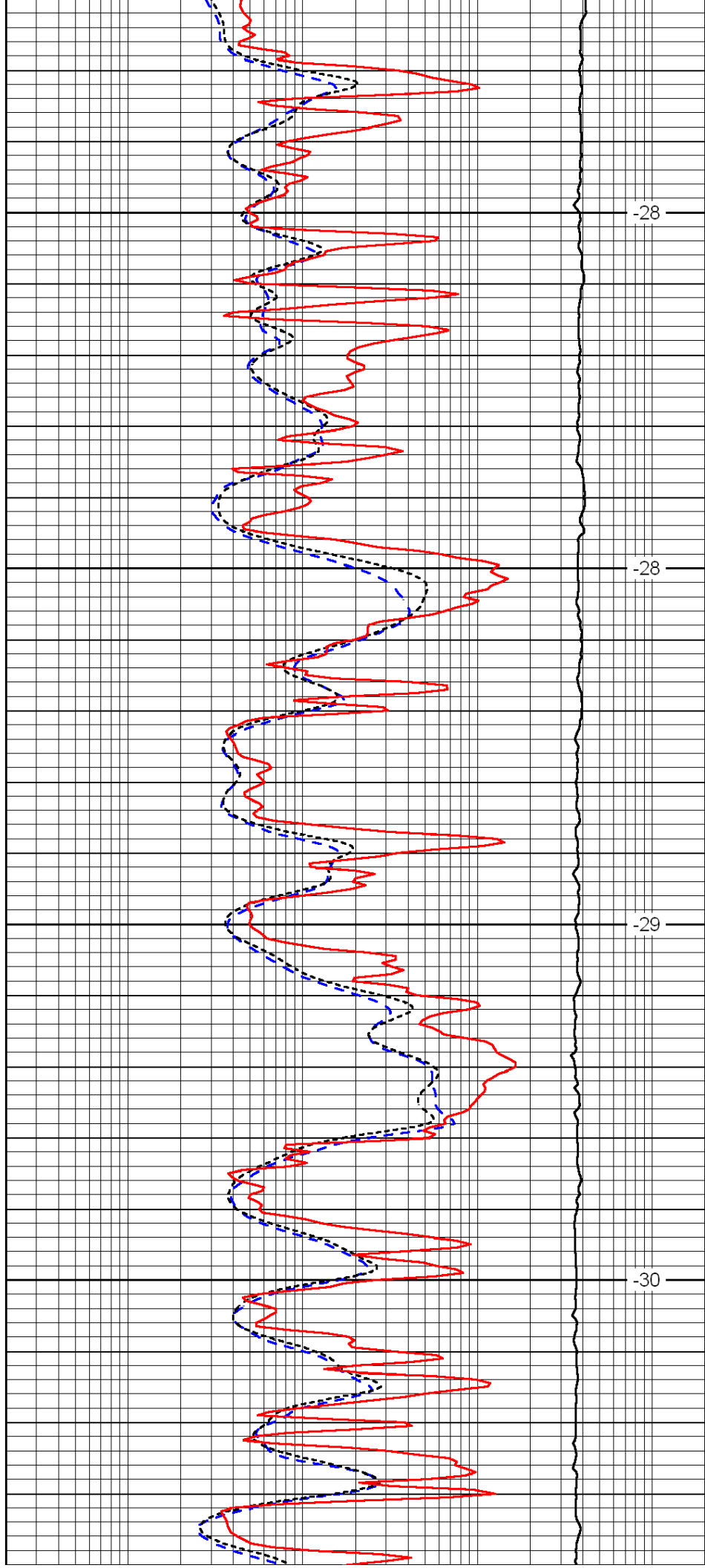


3100

3150

3200

3250

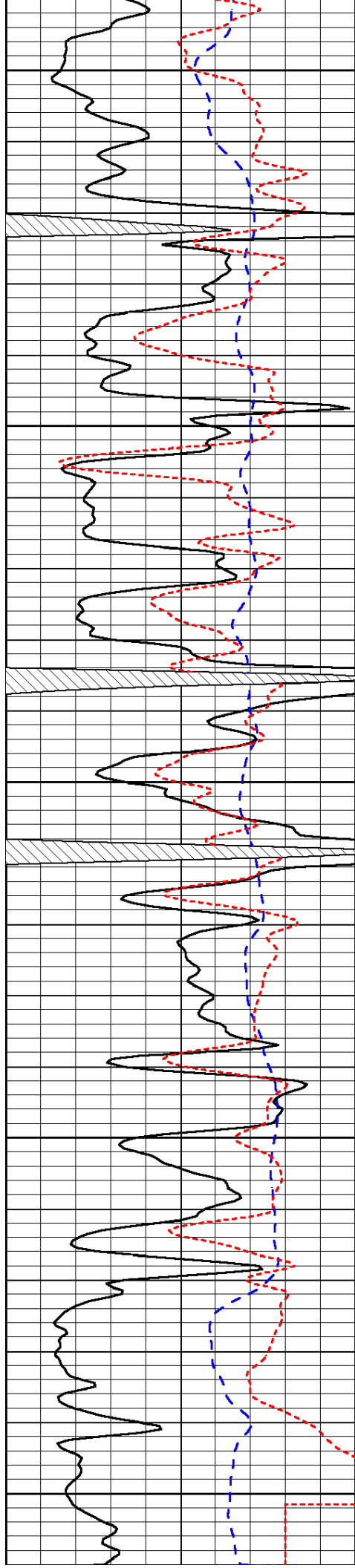


-28

-28

-29

-30



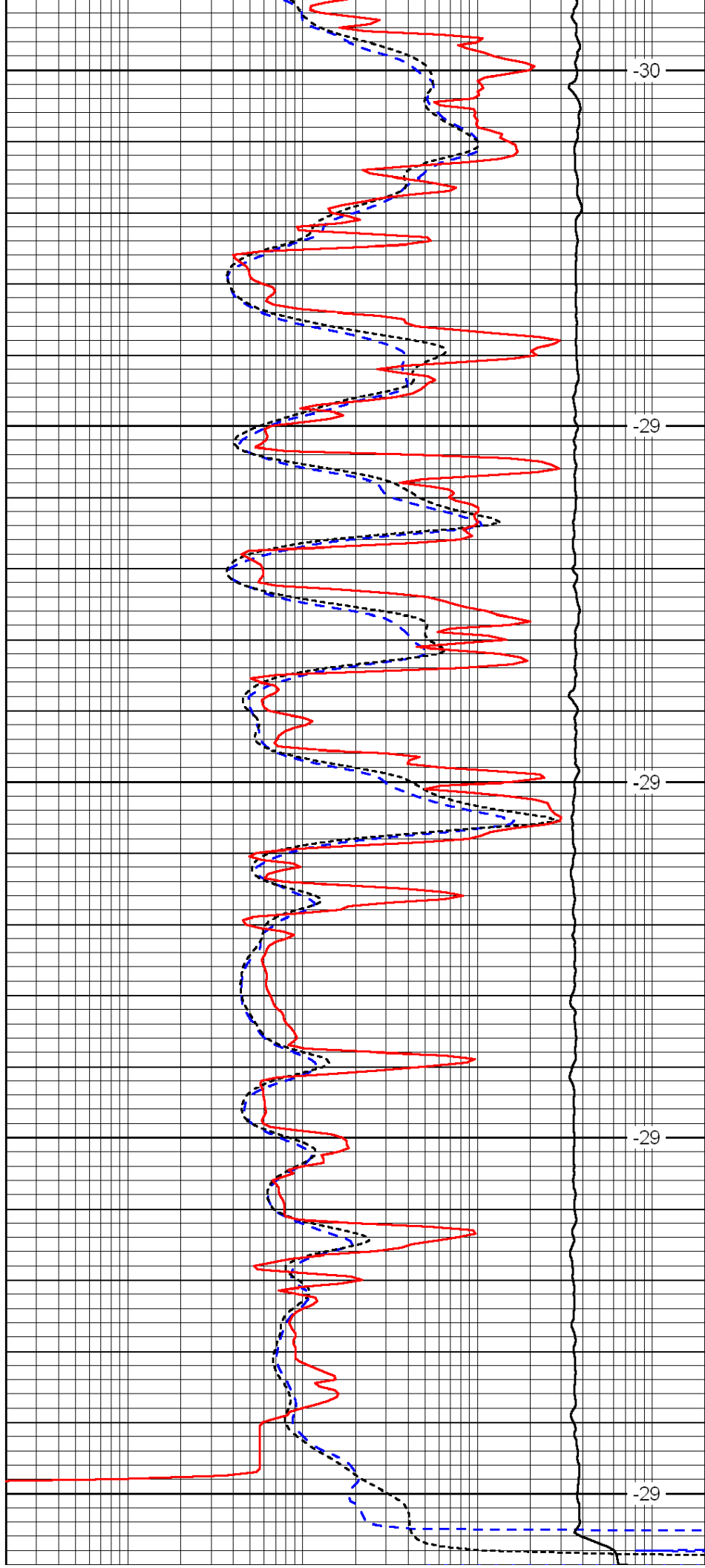
3300

3350

3400

3450

3500



-30

-29

-29

-29

-29

|      |           |     |       |                     |      |
|------|-----------|-----|-------|---------------------|------|
| 0    | Gamma Ray | 150 | 0.2   | Deep Resistivity    | 2000 |
| -200 | SP (mV)   | 0   | 0.2   | Medium Resistivity  | 2000 |
| -160 | Rxo / Rt  | 40  | 0.2   | Shallow Resistivity | 2000 |
|      |           |     | 15000 | Line Tension        | 0    |
|      |           |     |       |                     | LSPD |