



## DUAL INDUCTION LL3/GR LOG

|                              |                |                           |             |
|------------------------------|----------------|---------------------------|-------------|
| Company COLT ENERGY, INC.    |                | Company COLT ENERGY, INC. |             |
| Well                         | LAUBER # 33    | Well                      | LAUBER # 33 |
| Field                        | BIG SANDY      | Field                     | BIG SANDY   |
| County                       | WOODSON        | County                    | WOODSON     |
| State                        | KANSAS         | State                     | KANSAS      |
| Location:                    |                | API # : 15-207-29072-0000 |             |
| Permanent Datum              |                | CDL/SWN                   |             |
| Log Measured From            |                | Other Services            |             |
| Drilling Measured From       |                | Elevation                 |             |
| SEC 23 TWP 26S RGE 14E       |                | K.B. ---                  |             |
| 165' FNL & 2230' FEL         |                | D.F. ---                  |             |
| NE/4                         |                | G.L. 915'                 |             |
| Elevation 915'               |                |                           |             |
| Date                         |                | 10-15-2014                |             |
| Run Number                   | ONE            |                           |             |
| Depth Driller                | 1382'          |                           |             |
| Depth Logger                 | 1327'          |                           |             |
| Bottom Logged Interval       | 1325'          |                           |             |
| Top Log Interval             | SURFACE        |                           |             |
| Casing Driller               | 8 5/8" @ 42.5' |                           |             |
| Casing Logger                | 8 5/8" @ 42.5' |                           |             |
| Bit Size                     | 6 3/4"         |                           |             |
| Type Fluid in Hole           | WATER/MUD      |                           |             |
| Density / Viscosity          |                |                           |             |
| pH / Fluid Loss              |                |                           |             |
| Source of Sample             |                |                           |             |
| Rm @ Meas. Temp              |                |                           |             |
| Rmf @ Meas. Temp             |                |                           |             |
| Rmc @ Meas. Temp             |                |                           |             |
| Source of Rmf / Rmc          |                |                           |             |
| Rm @ BHT                     |                |                           |             |
| Time Circulation Stopped     |                |                           |             |
| Time Logger on Bottom        |                |                           |             |
| Maximum Recorded Temperature |                |                           |             |
| Equipment Number             | OW2            |                           |             |
| Location                     | HOMINY ,OK     |                           |             |
| Recorded By                  | LOWERY         |                           |             |
| Witnessed By                 | MR. ASHLOCK    |                           |             |

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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

OW2-8748  
CREW : SHAMBLES

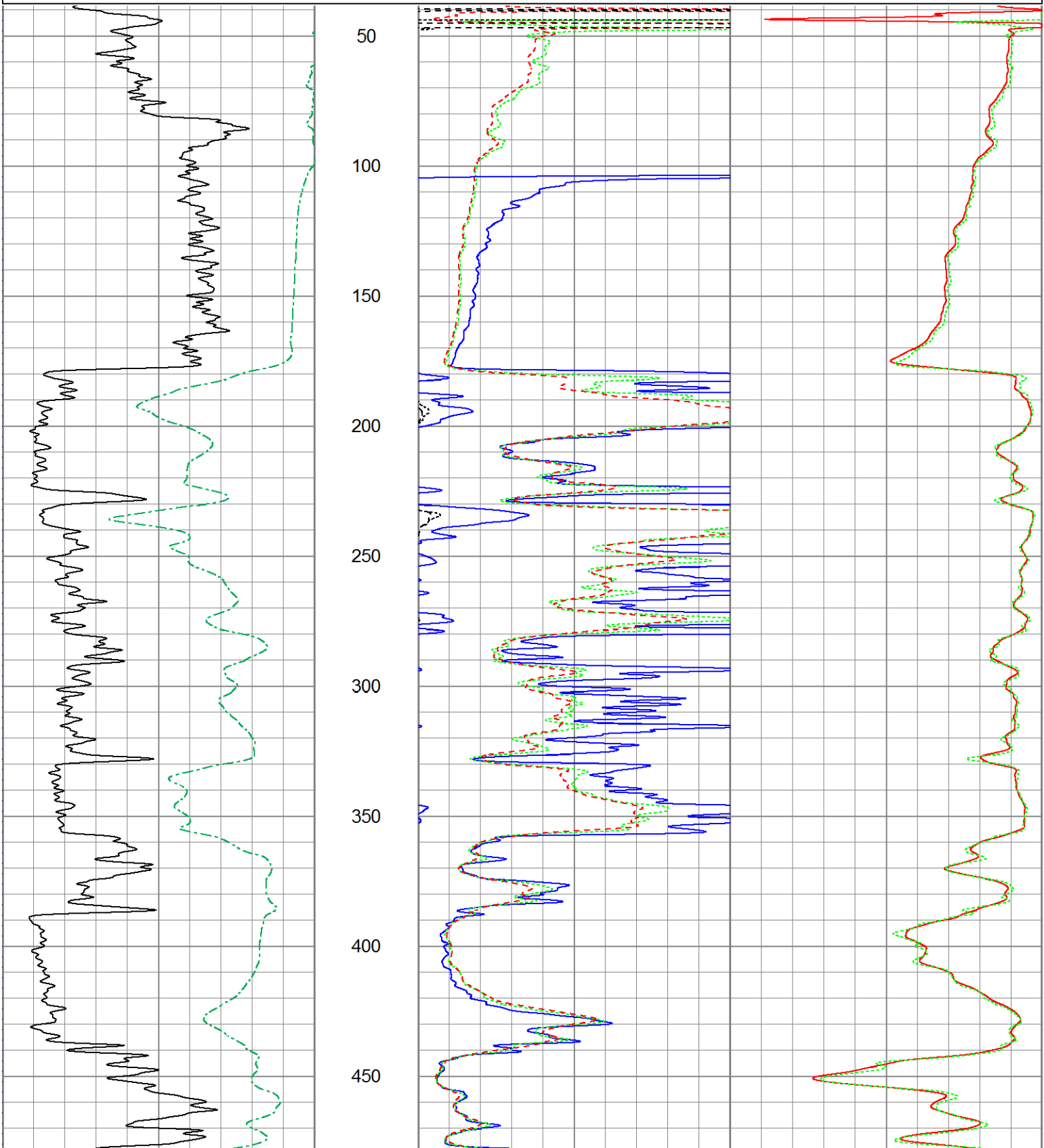


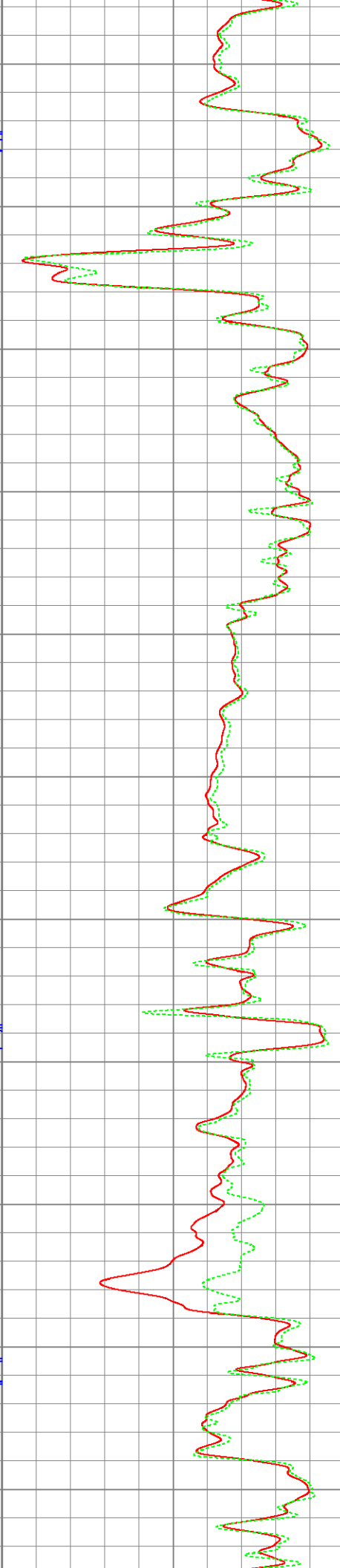
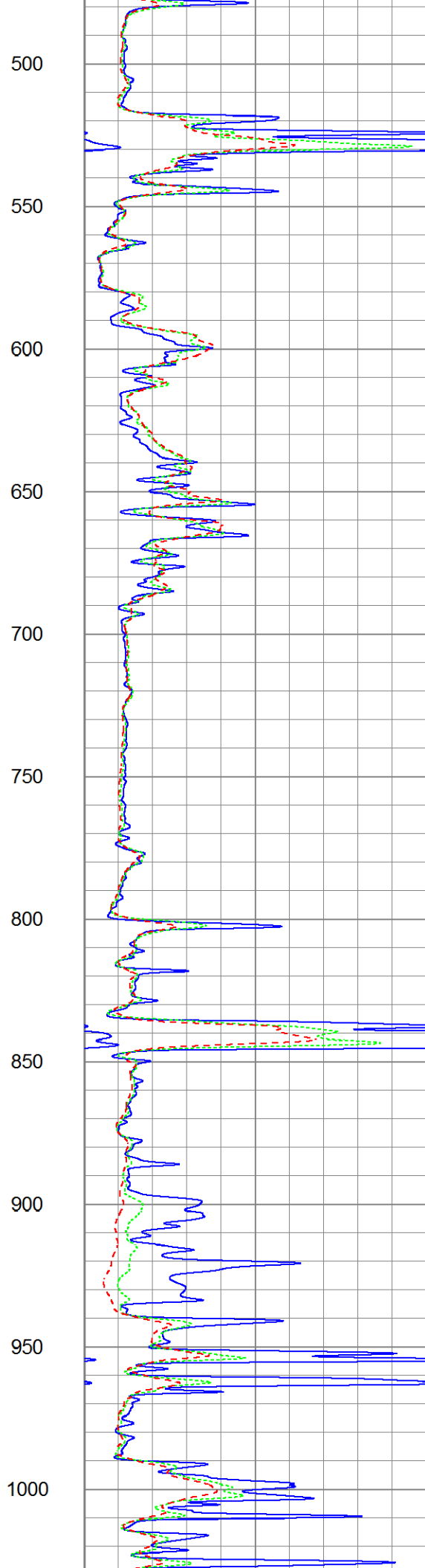
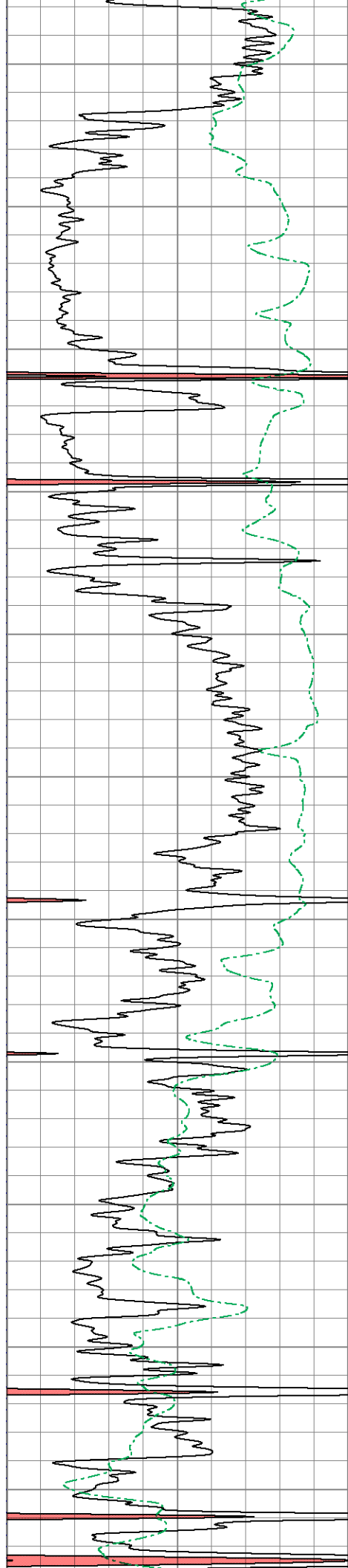
## 5" DIL SECTION

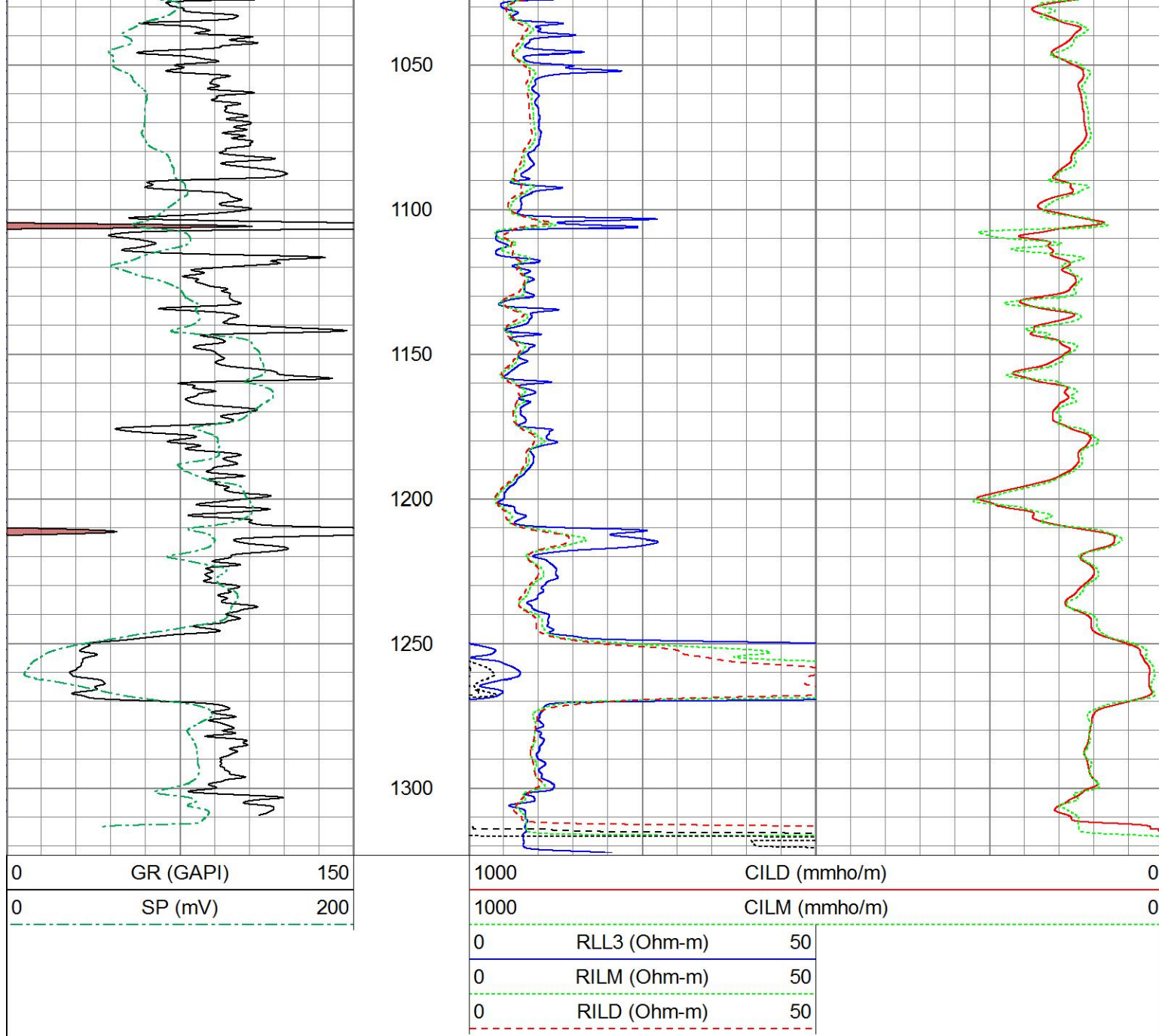
Database File ow2-8748 colt energy.db  
Dataset Pathname DIL/pass1.3  
Presentation Format dil2mdcol  
Dataset Creation Wed Oct 15 13:22:34 2014  
Charted by Depth in Feet scaled 1:600

|   |           |     |
|---|-----------|-----|
| 0 | GR (GAPI) | 150 |
| 0 | SP (mV)   | 200 |

|      |               |    |
|------|---------------|----|
| 1000 | CILD (mmho/m) | 0  |
| 1000 | CILM (mmho/m) | 0  |
| 0    | RLL3 (Ohm-m)  | 50 |
| 0    | RILM (Ohm-m)  | 50 |
| 0    | RILD (Ohm-m)  | 50 |



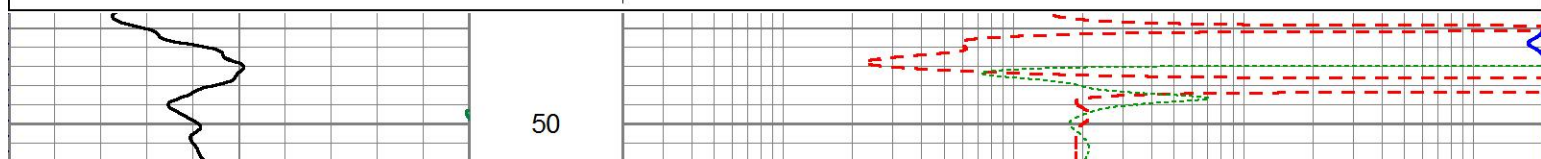


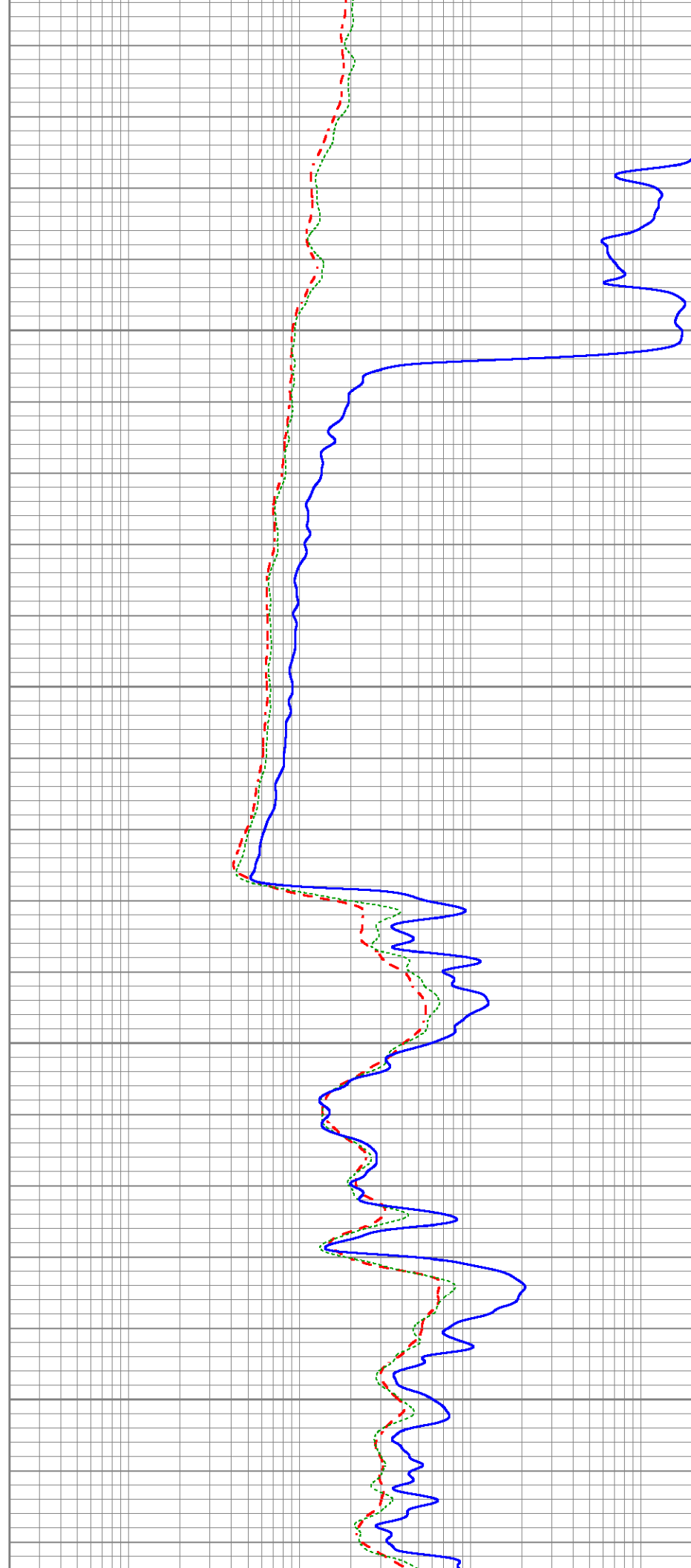
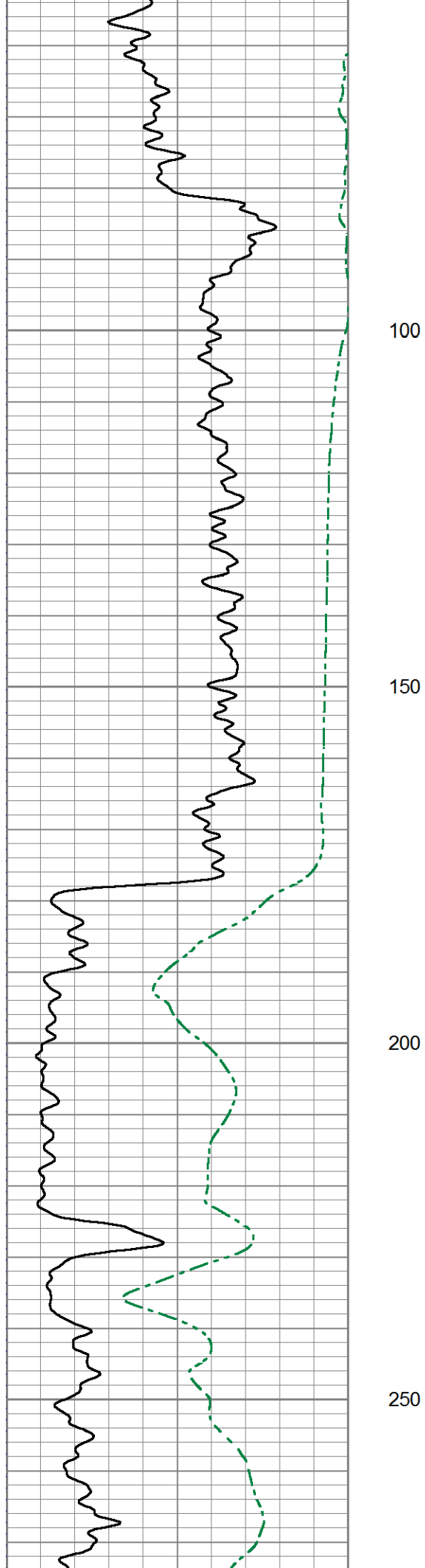


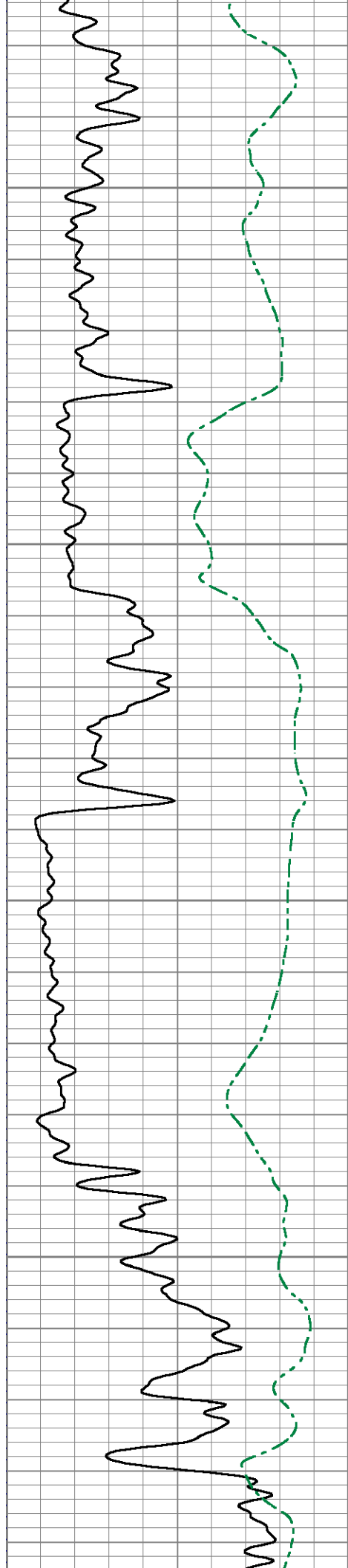
## 5" DIL SECTION

Database File ow2-8748 colt energy.db  
 Dataset Pathname DIL/pass1.2  
 Presentation Format dil5mdcol  
 Dataset Creation Wed Oct 15 13:22:22 2014  
 Charted by Depth in Feet scaled 1:240

|   |                  |     |     |                             |      |
|---|------------------|-----|-----|-----------------------------|------|
| 0 | Gamma Ray (GAPI) | 150 | 0.2 | Deep Resistivity (Ohm-m)    | 2000 |
| 0 | SP (mV)          | 200 | 0.2 | Medium Resistivity (Ohm-m)  | 2000 |
|   |                  |     | 0.2 | Shallow Resistivity (Ohm-m) | 2000 |





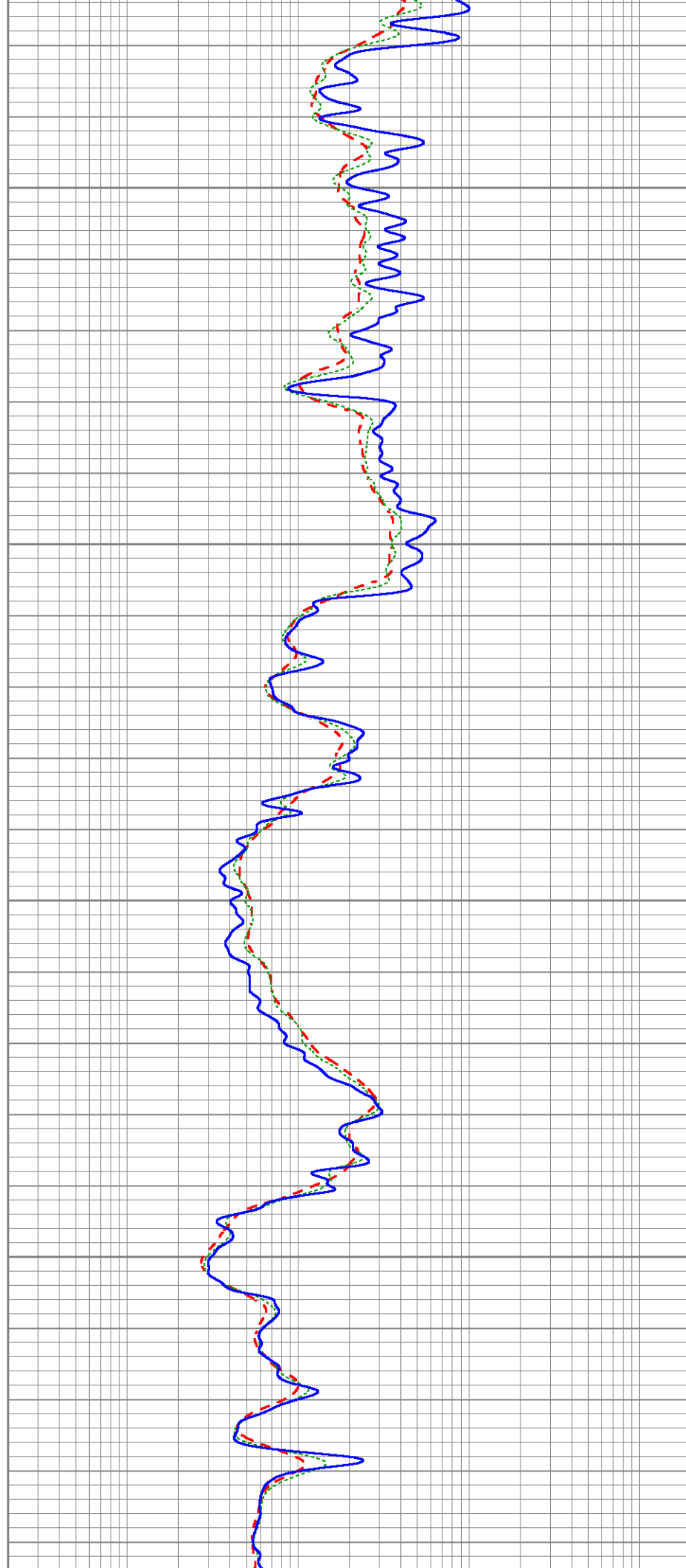


300

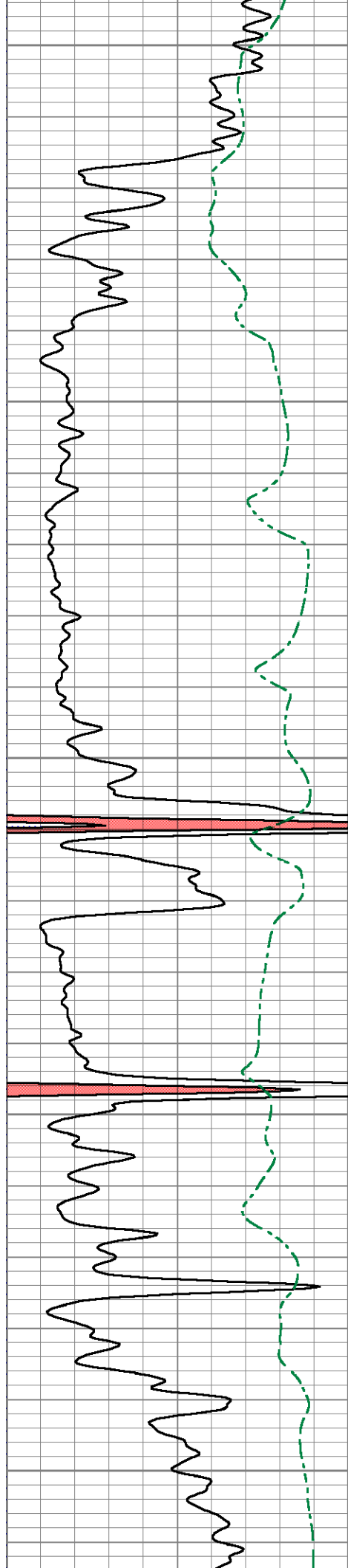
350

400

450







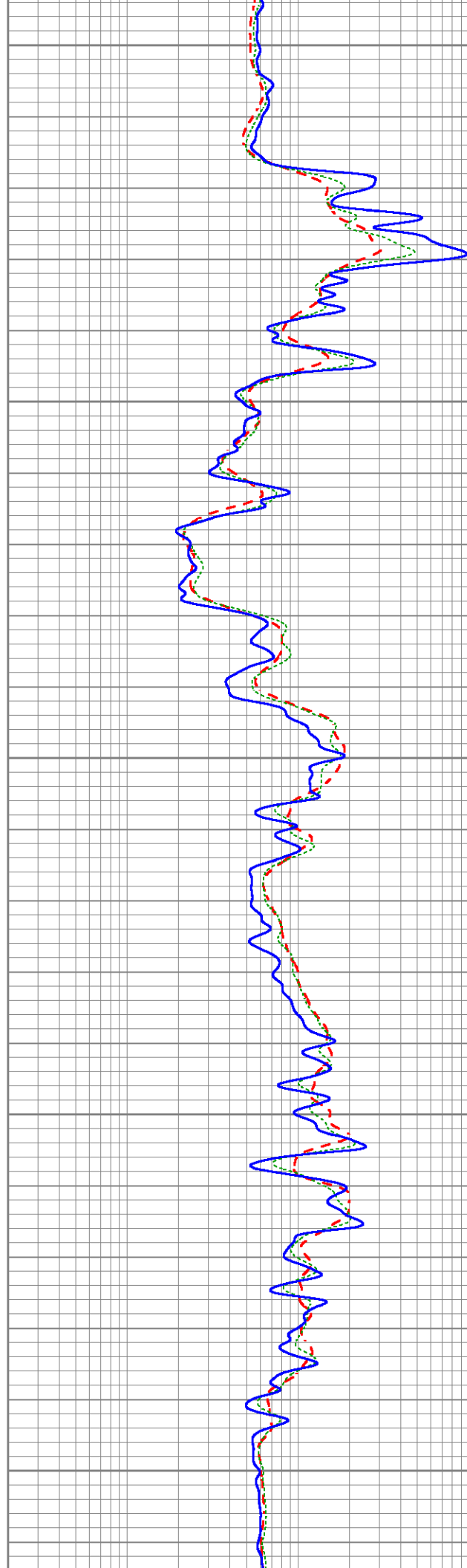
500

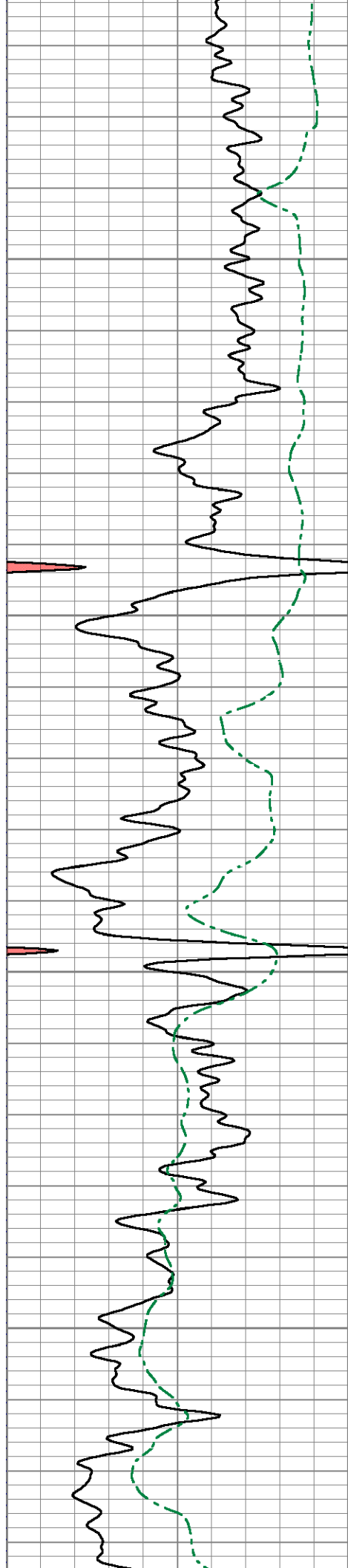
550

600

650

700



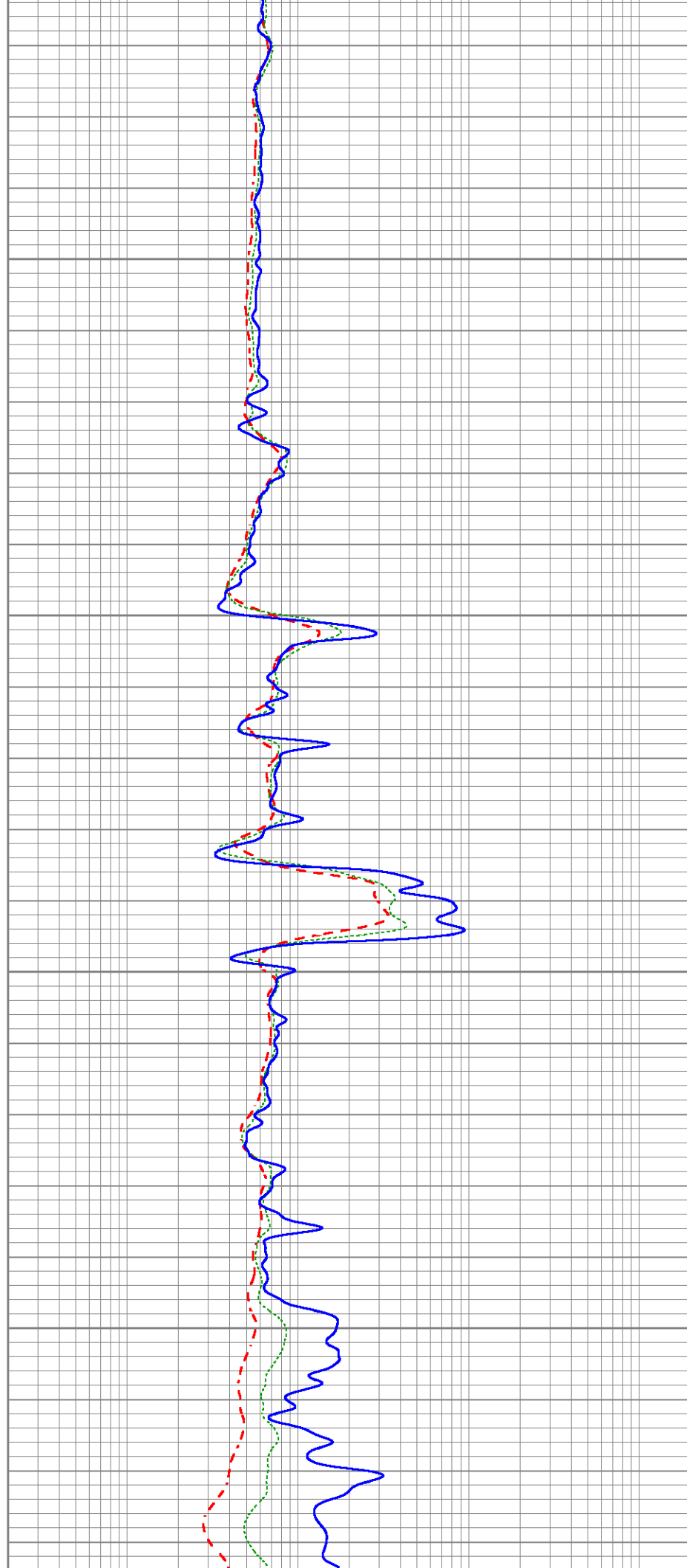


750

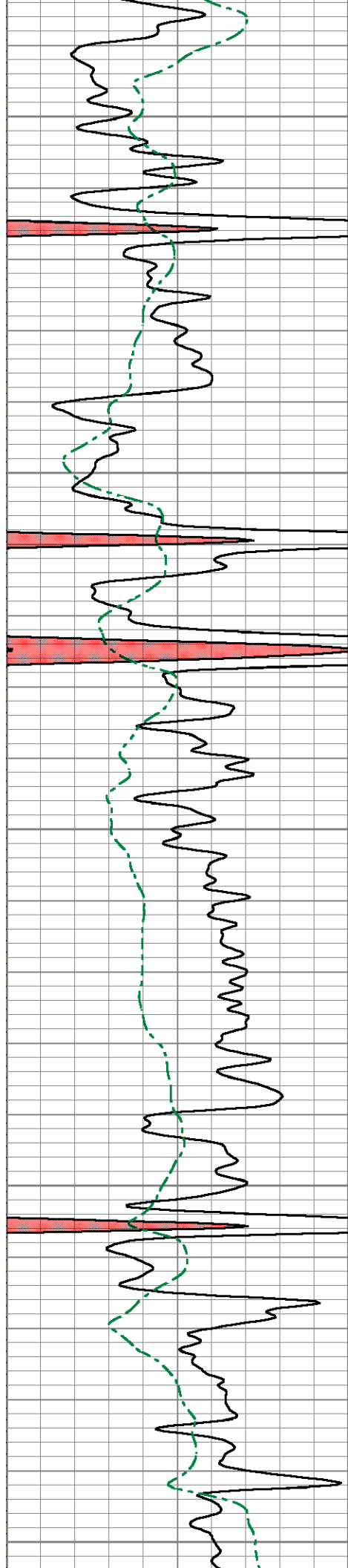
800

850

900







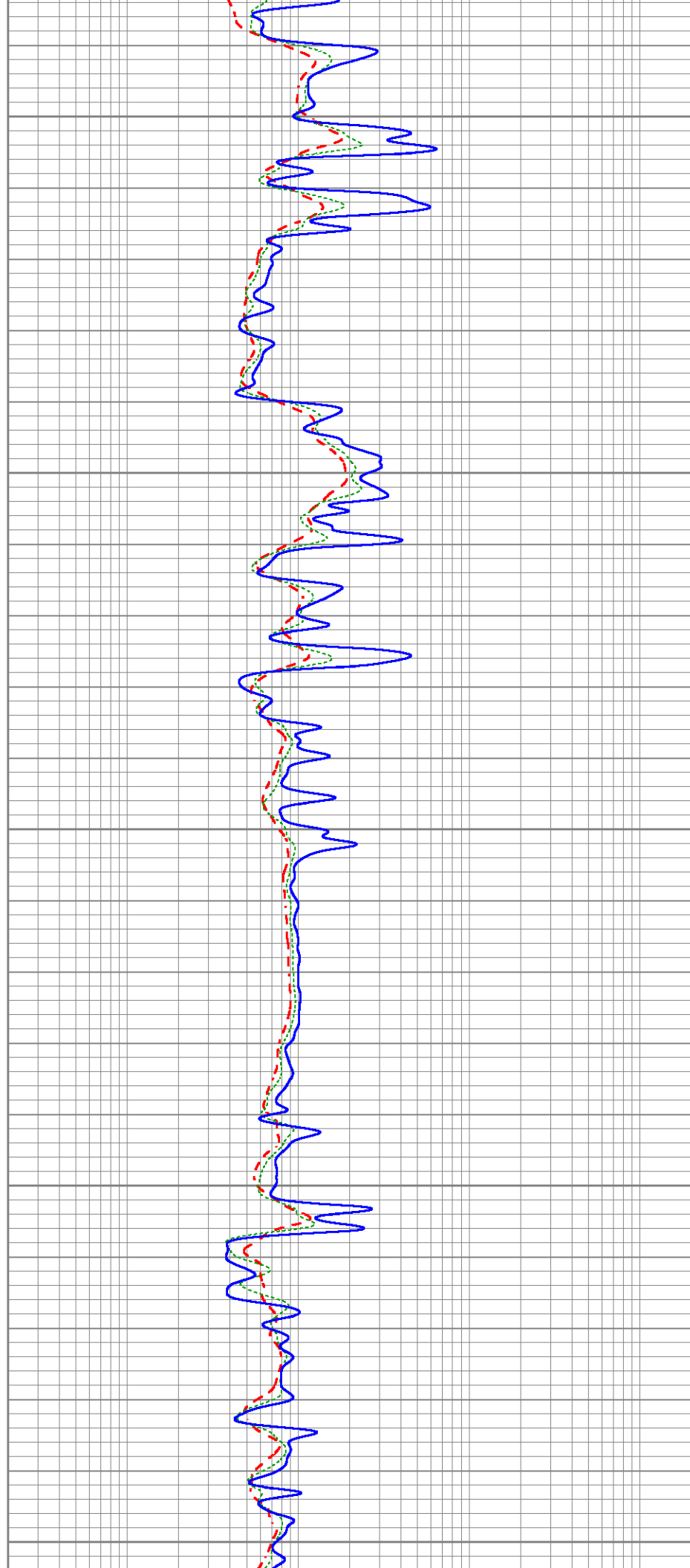
950

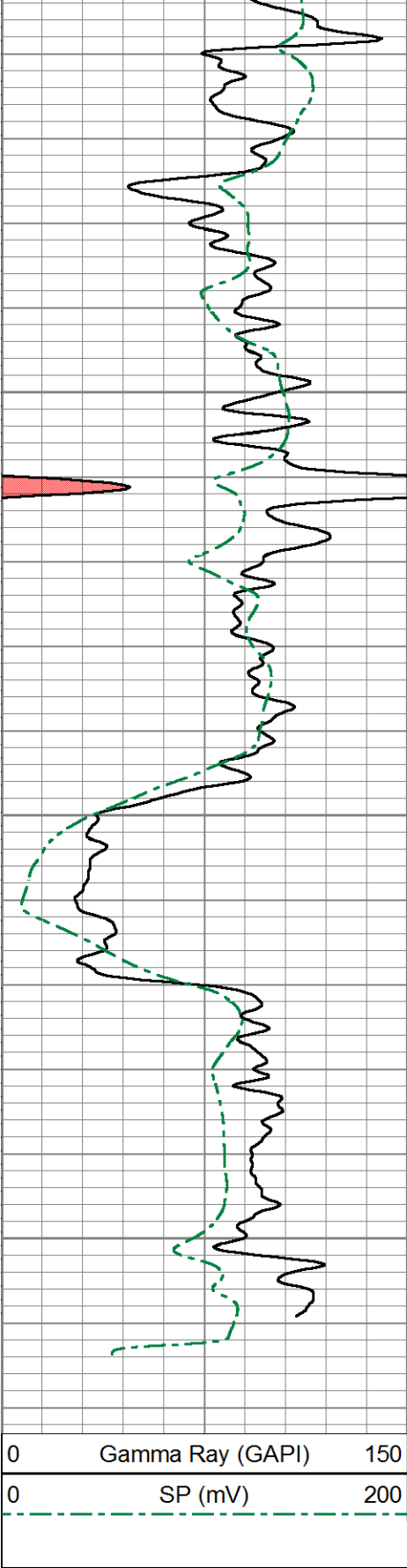
1000

1050

1100

1150

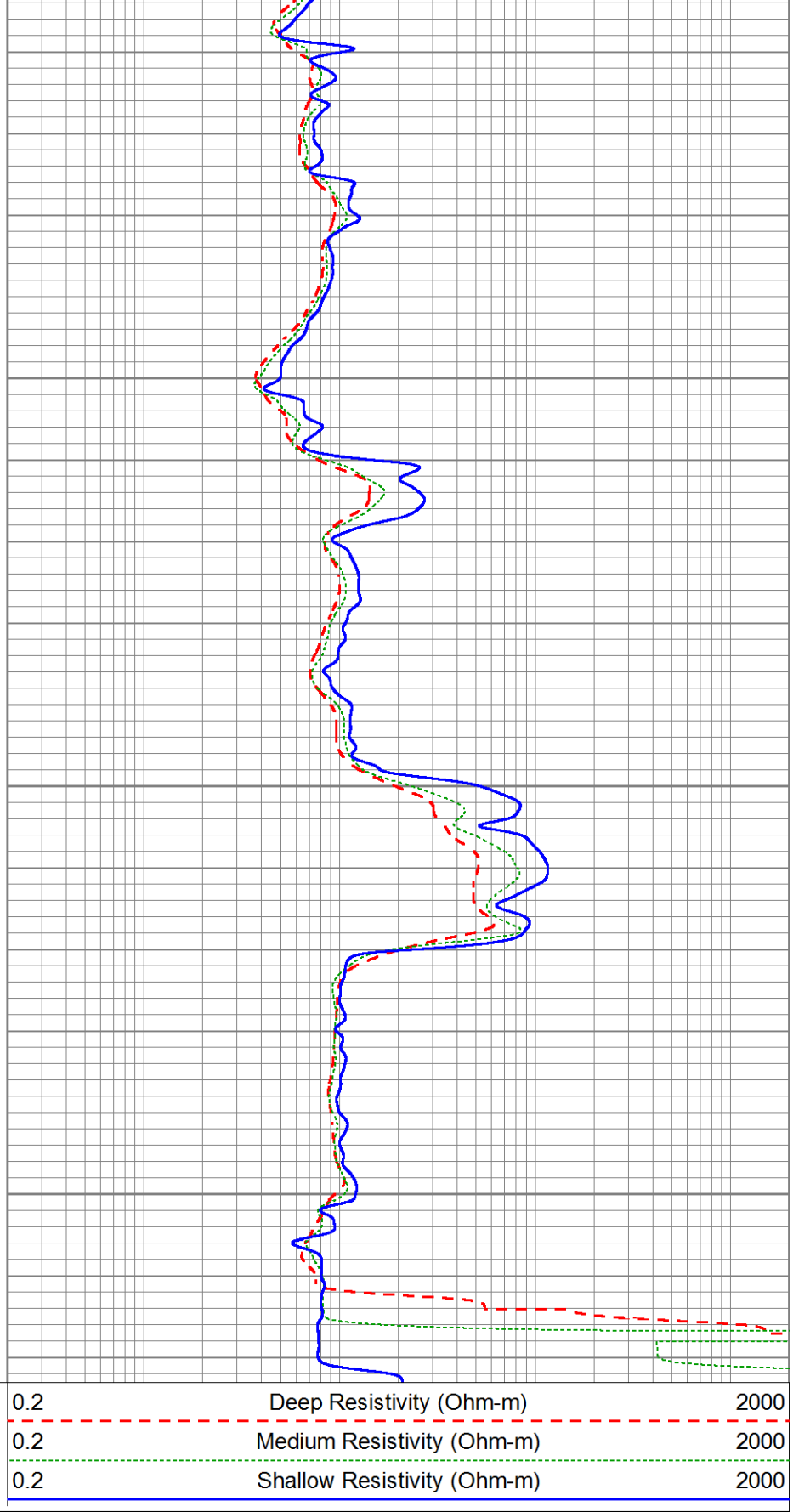


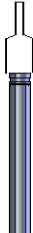


1200

1250

1300



| Sensor | Offset (ft) | Schematic                                                                           | Description                      | Length (ft) | O.D. (in) | Weight (lb) |
|--------|-------------|-------------------------------------------------------------------------------------|----------------------------------|-------------|-----------|-------------|
|        |             |  | Cable-CableHead<br>Isulation Sub | 1.42        | 3.00      | 20.00       |

|                                                                                                                                                 |                |                                                                                 |                                                 |       |      |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------|-------------------------------------------------|-------|------|--------|
| CILD<br>SP                                                                                                                                      | 10.92<br>10.42 |  | DIL-GEAR (159)<br>Dual Induction Electrical Log | 21.36 | 4.00 | 345.00 |
| CILM                                                                                                                                            | 7.00           |                                                                                 |                                                 |       |      |        |
| RLL3                                                                                                                                            | 1.67           |                                                                                 |                                                 |       |      |        |
| <p>Dataset: ow2-8748 colt energy.db: field/well/DIL/pass1</p> <p>Total length: 22.78 ft</p> <p>Total weight: 365.00 lb</p> <p>O.D.: 4.00 in</p> |                |                                                                                 |                                                 |       |      |        |