



Pioneer Energy Services

Cement Bond, V.D.L.  
Gamma-Ray, C.C.L. Log

Company Augustus Energy Resources

Well NB Farms 22-01

Field Wildcat

|        |      |       |          |
|--------|------|-------|----------|
| County | Yuma | State | Colorado |
|--------|------|-------|----------|

Location: API #: 05125120770000

2445' FNL &amp; 1590' FWL SENW

SEC 1 TWP 1N RGE 46W

|                        |    |           |      |
|------------------------|----|-----------|------|
| Permanent Datum        | GL | Elevation | 3902 |
| Log Measured From      | KB |           |      |
| Drilling Measured From | KB |           |      |

Elevation

|      |         |
|------|---------|
| Date | 3-31-14 |
|------|---------|

|               |       |
|---------------|-------|
| Depth Driller | 2725' |
|---------------|-------|

|                        |       |
|------------------------|-------|
| Bottom Logged Interval | 2650' |
|------------------------|-------|

|                |       |
|----------------|-------|
| Open Hole Size | 6.25" |
|----------------|-------|

| Density / Viscosity | NA |
|---------------------|----|
|                     |    |

|                      |         |
|----------------------|---------|
| Estimated Cement Top | SURFACE |
|----------------------|---------|

| Time Logger on Bottom | AM |
|-----------------------|----|
|-----------------------|----|

|          |            |
|----------|------------|
| Location | FORT MORCO |
|----------|------------|

|              |             |
|--------------|-------------|
| Witnessed By | MR. JUSTINS |
|--------------|-------------|

|              |             |
|--------------|-------------|
| Witnessed By | MR. JUSTINS |
|--------------|-------------|

| Run Number | Bit | From | To |
|------------|-----|------|----|
|------------|-----|------|----|

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

| Coina Booda | Cizo | W |
|-------------|------|---|
|             |      |   |

|                |  |  |
|----------------|--|--|
| Brat String    |  |  |
| Sallace string |  |  |

|                     |     |  |
|---------------------|-----|--|
| Fluorocarbon lining | 4:2 |  |
| liner               |     |  |

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |

S.O.# 2-260005

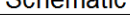
CORRALATED TO OPEN HOLE LOG

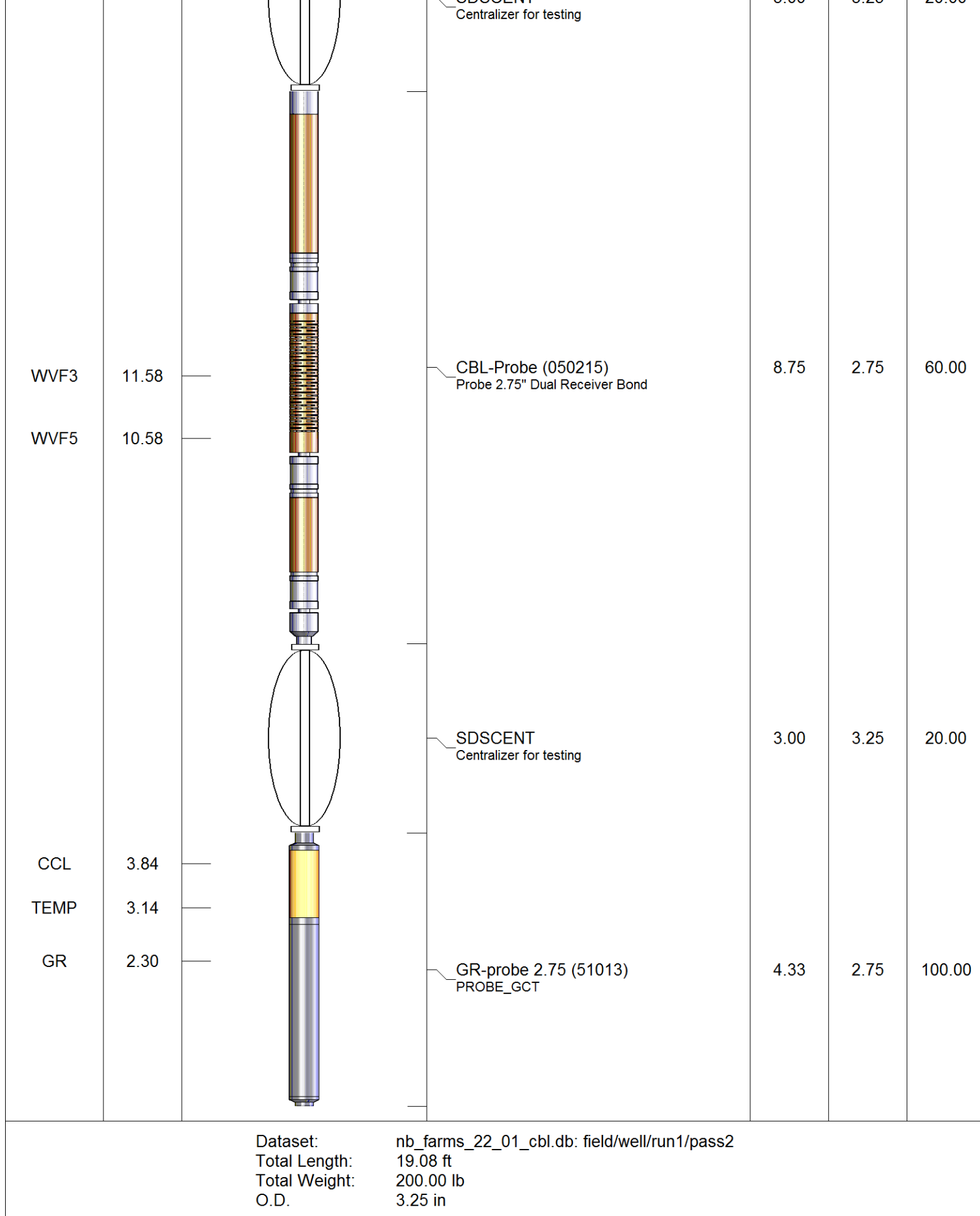
THANK YOU FOR USING PIONEER ENERGY SERVICES

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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.

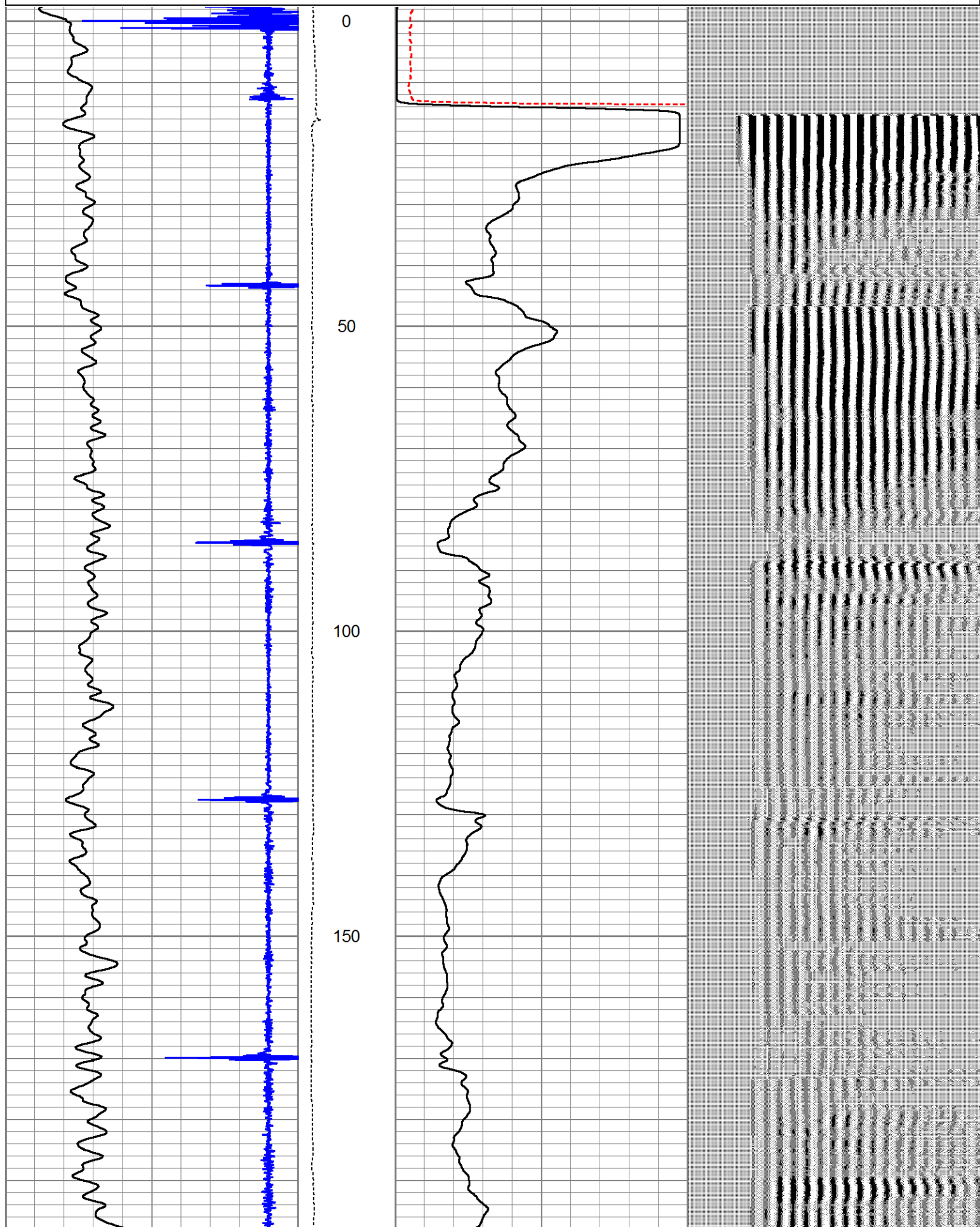
Comments

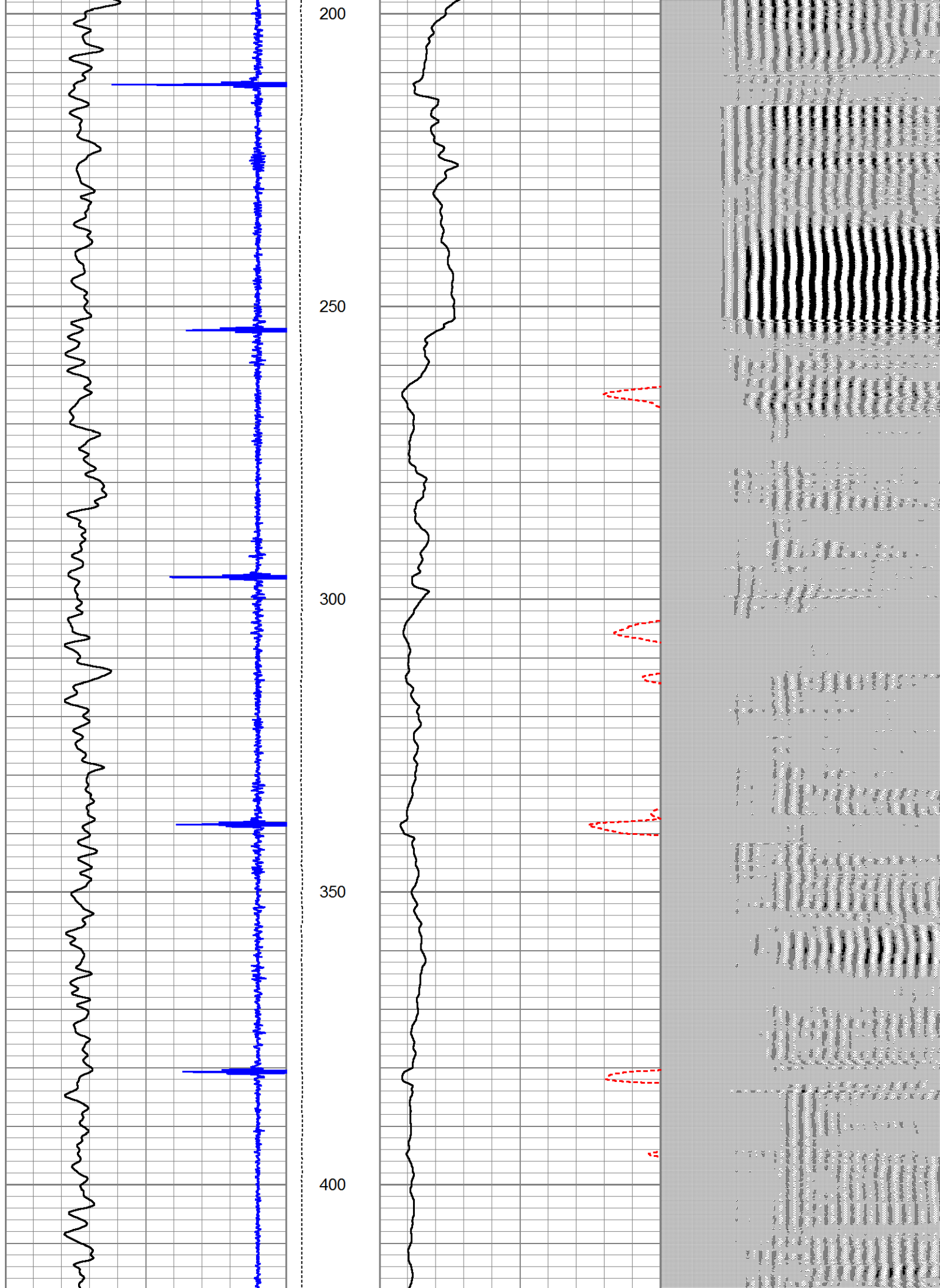
| Sensor | Offset (ft) | Schematic   | Description | Len (ft) | OD (in) | Wt (lb) |
|--------|-------------|---|-------------|----------|---------|---------|
|        |             |  | SDSCENT     | 3.00     | 3.25    | 20.00   |



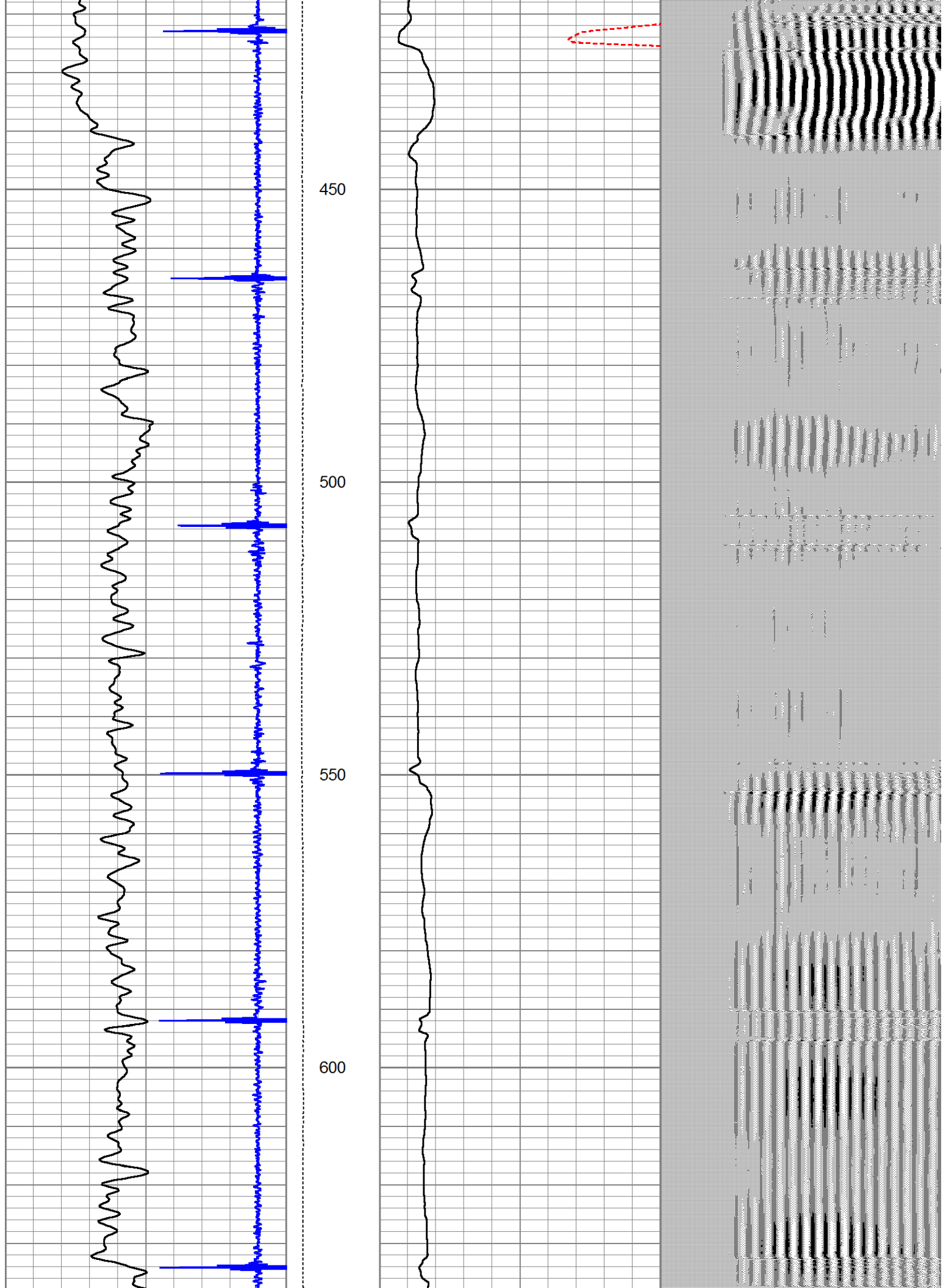
Database File: nb\_farms\_22\_01\_cbl.db  
 Dataset Pathname: pass2  
 Presentation Format: cbl\_dr  
 Dataset Creation: Mon Mar 31 10:26:42 2014 by Log 7.0 B1  
 Charted by: Depth in Feet scaled 1:240

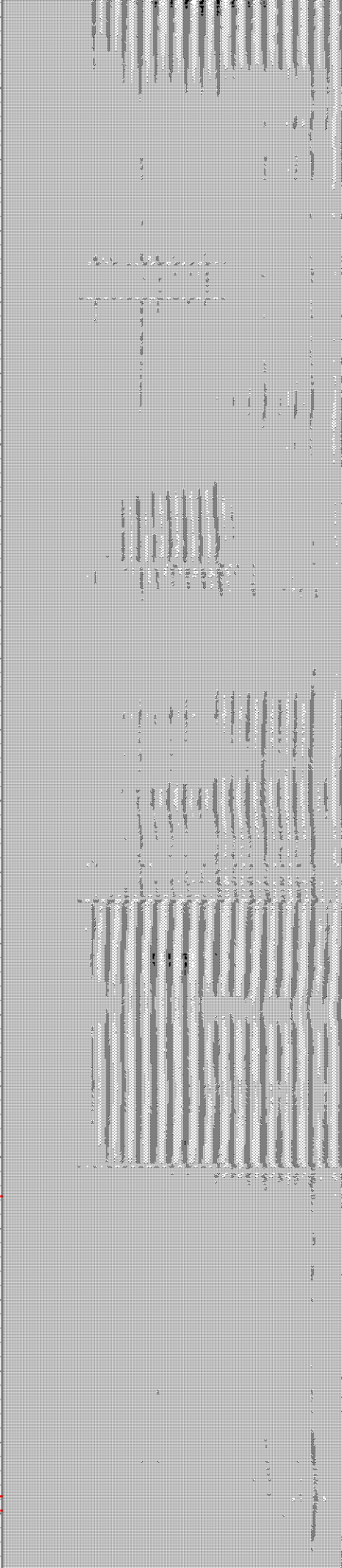
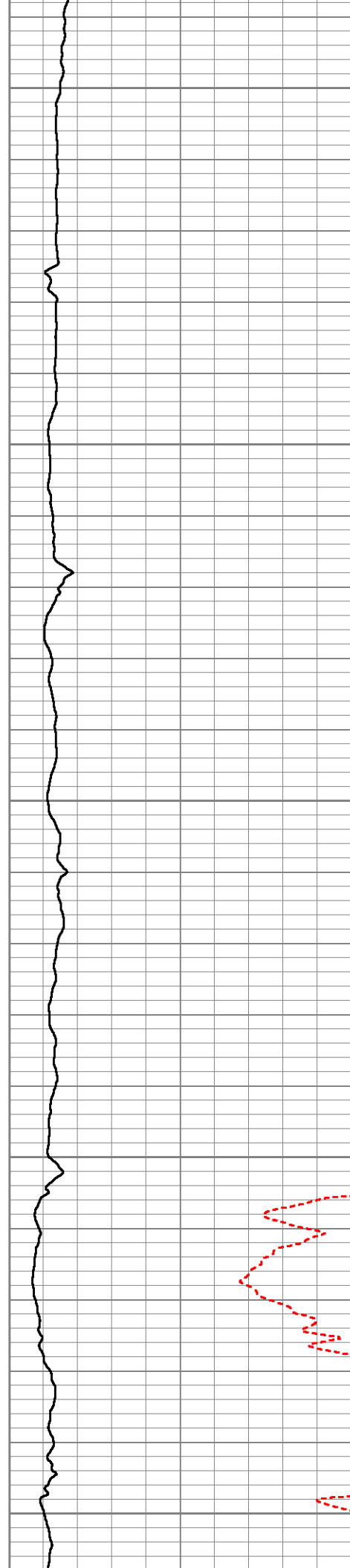
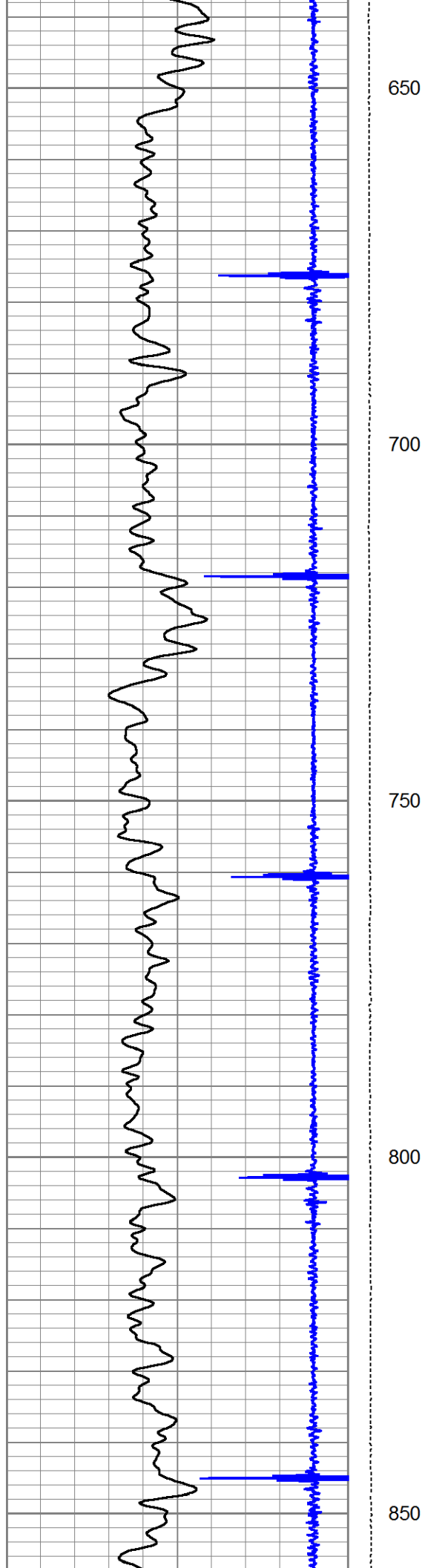
|   |                  |     |            |   |                          |     |     |                  |      |
|---|------------------|-----|------------|---|--------------------------|-----|-----|------------------|------|
| 9 | Collar Locator   | -1  | LTEN       | 0 | Amplified Amplitude (mV) | 10  | 200 | Variable Density | 1200 |
| 0 | Gamma Ray (GAPI) | 300 | 0 (lb 2000 | 0 | Amplitude (mV)           | 100 |     |                  |      |

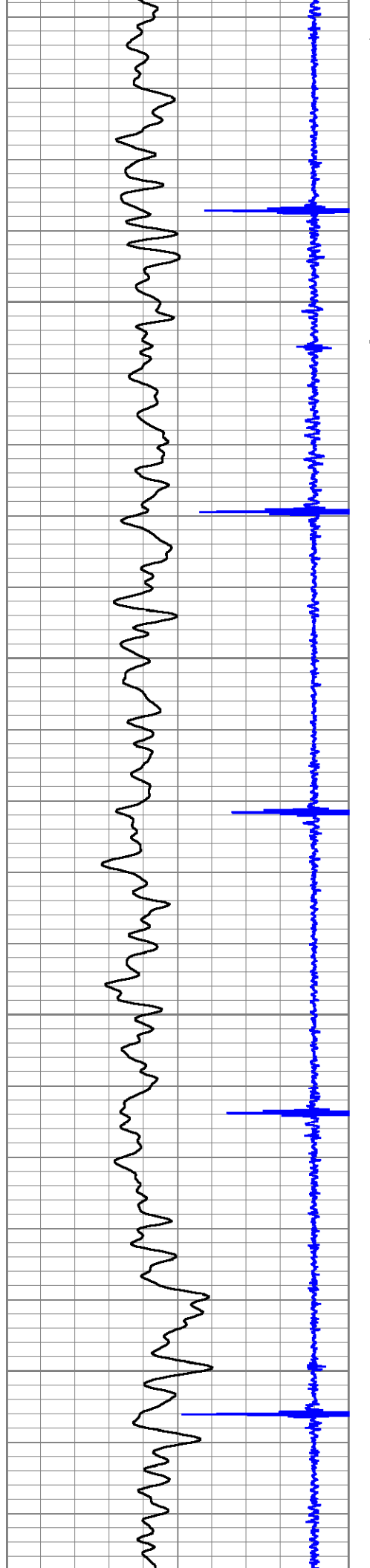










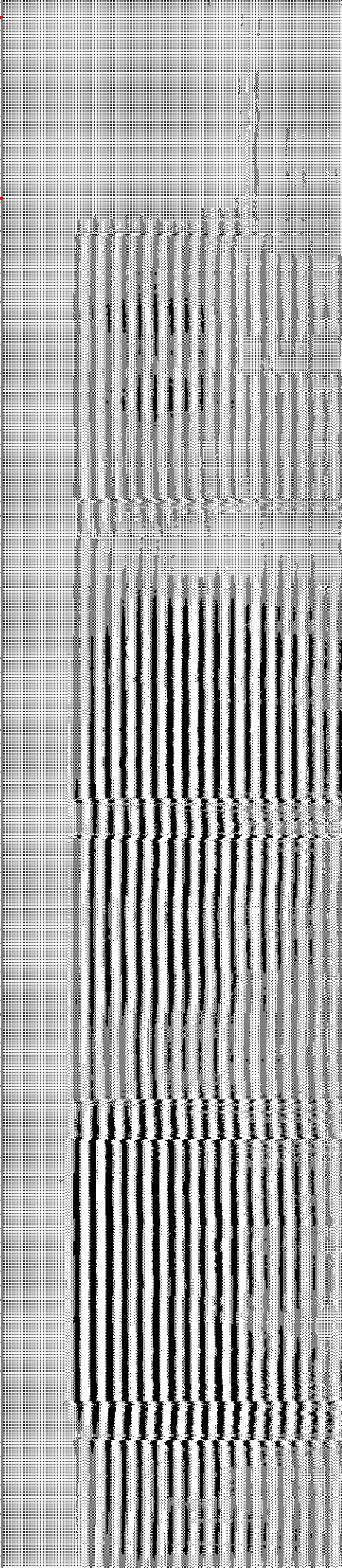
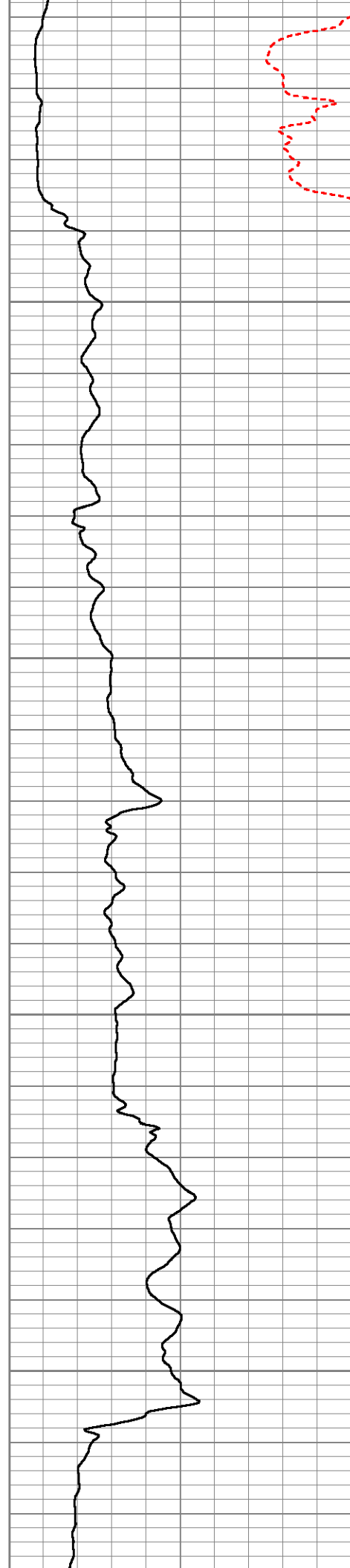


900

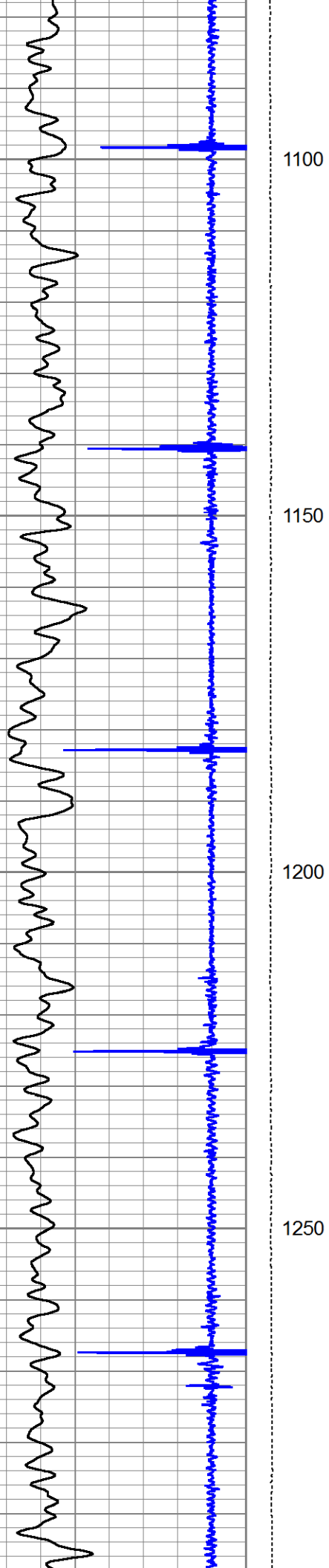
950

1000

1050





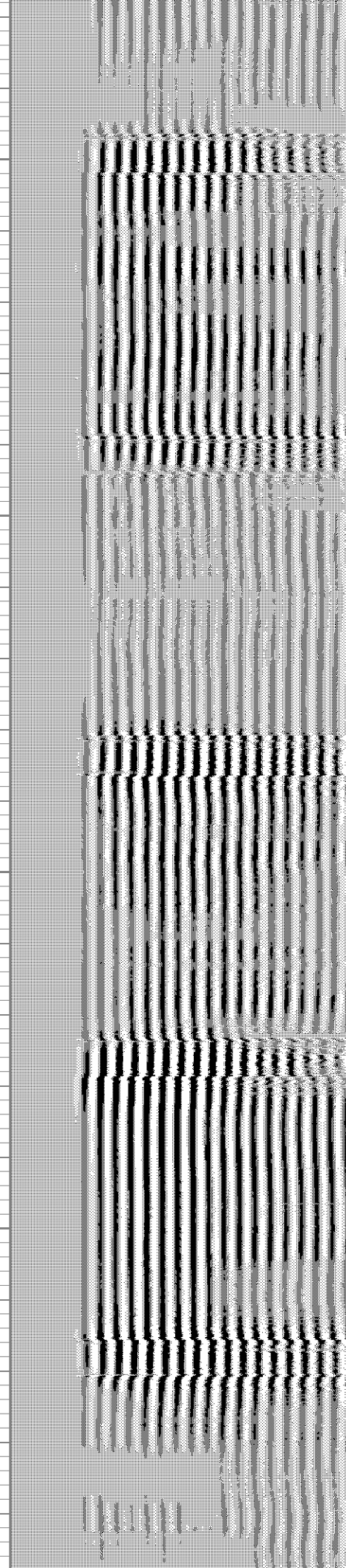
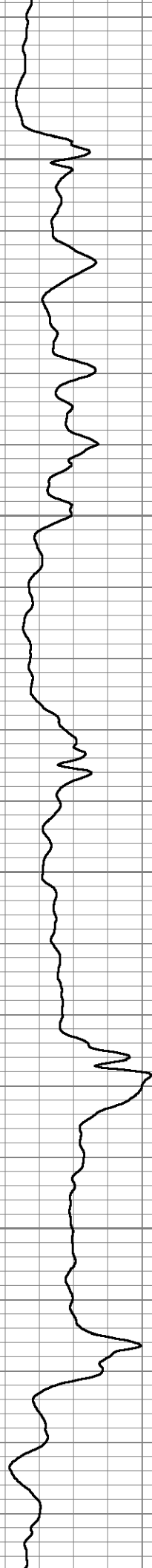


1100

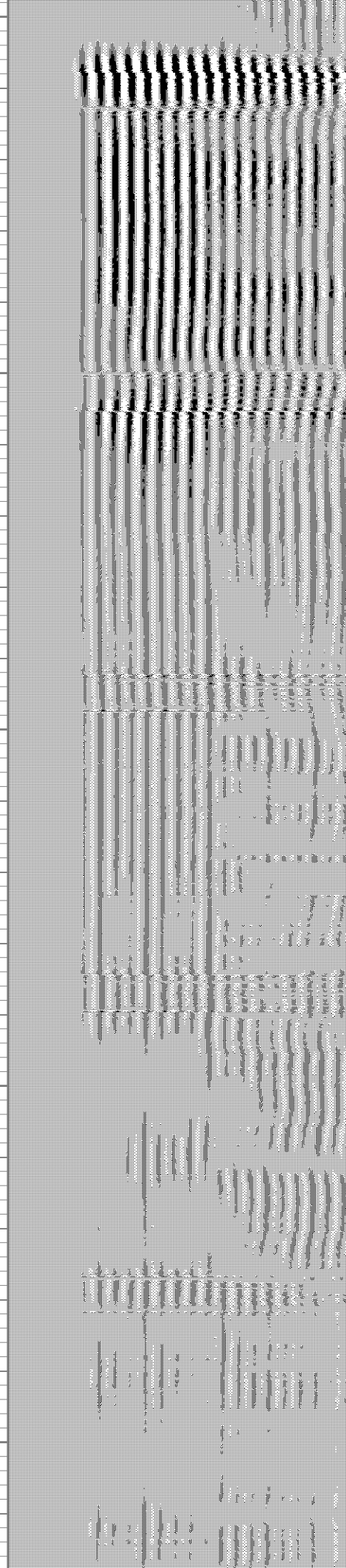
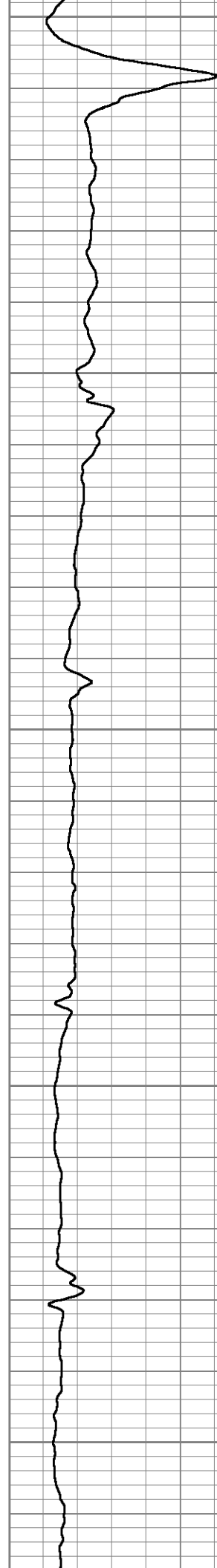
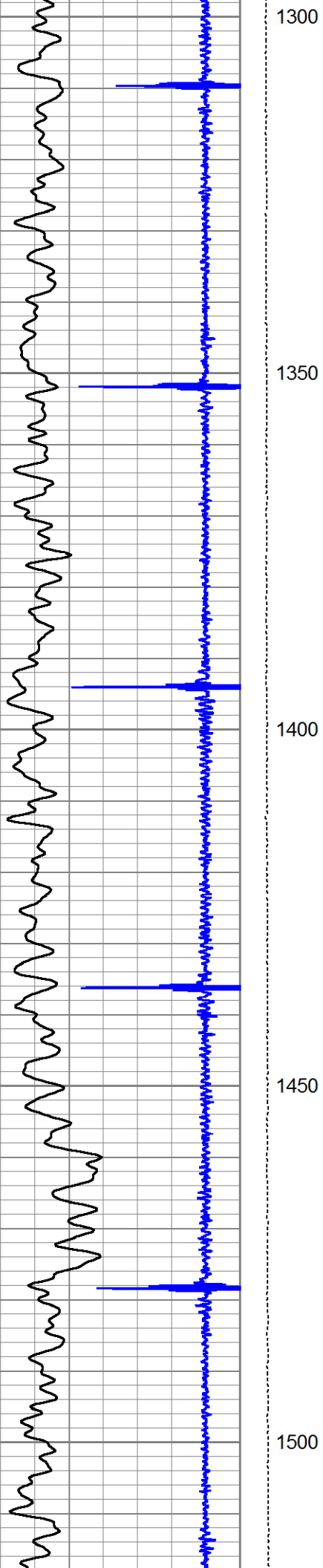
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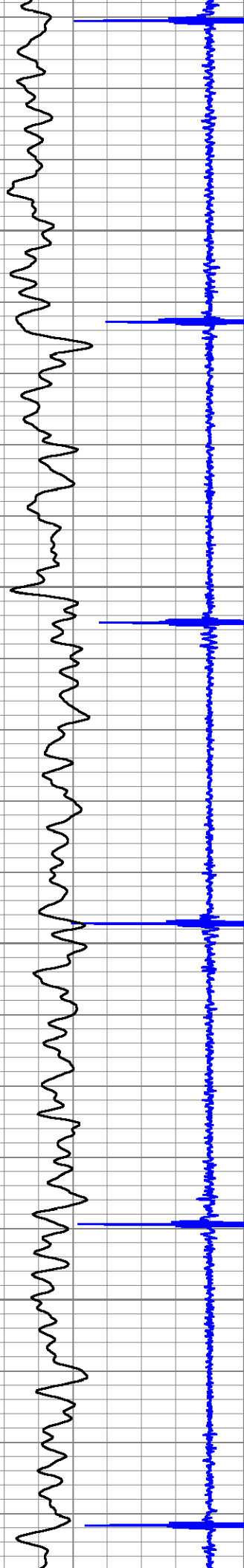
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1250







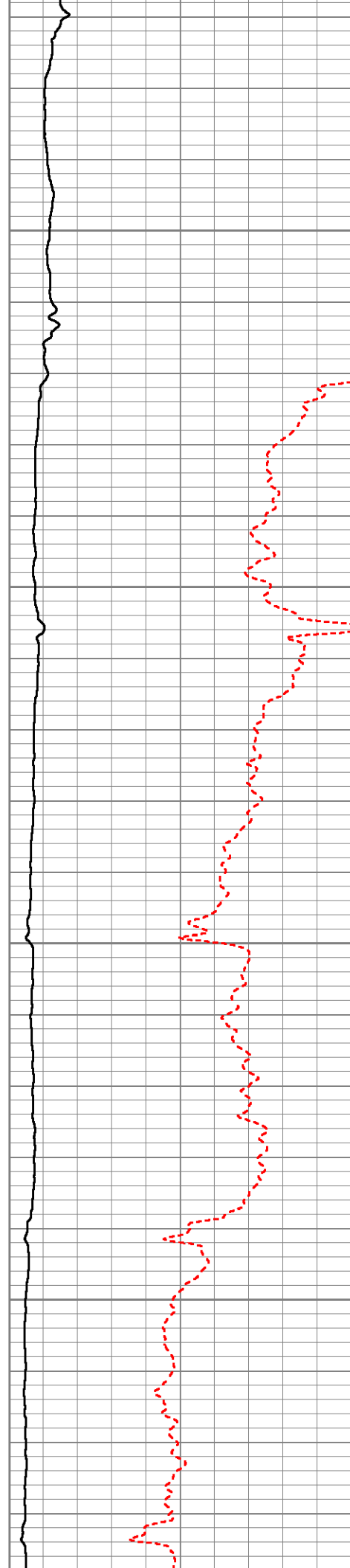


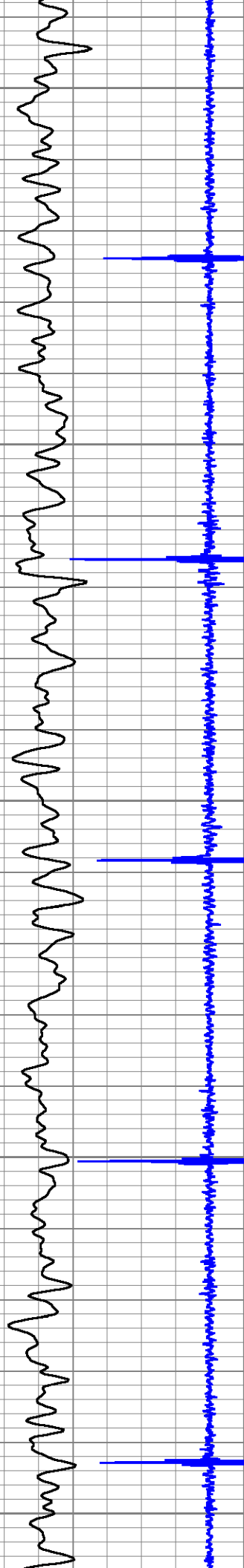
1550

1600

1650

1700





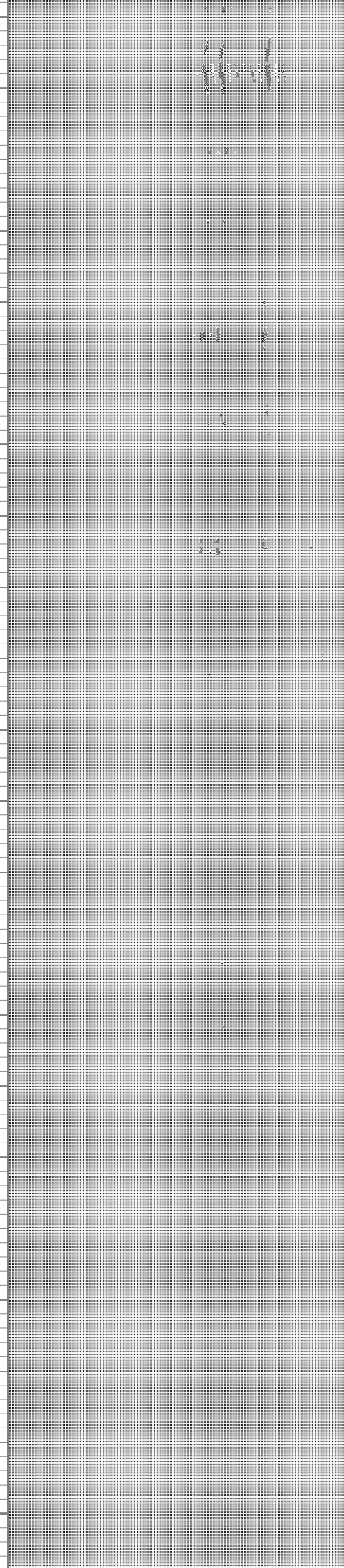
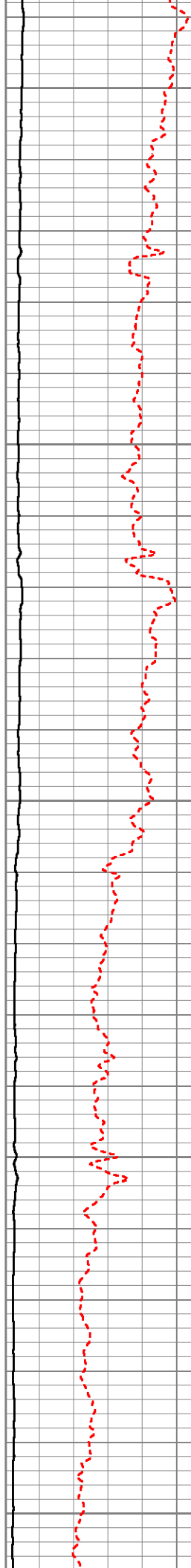
1750

1800

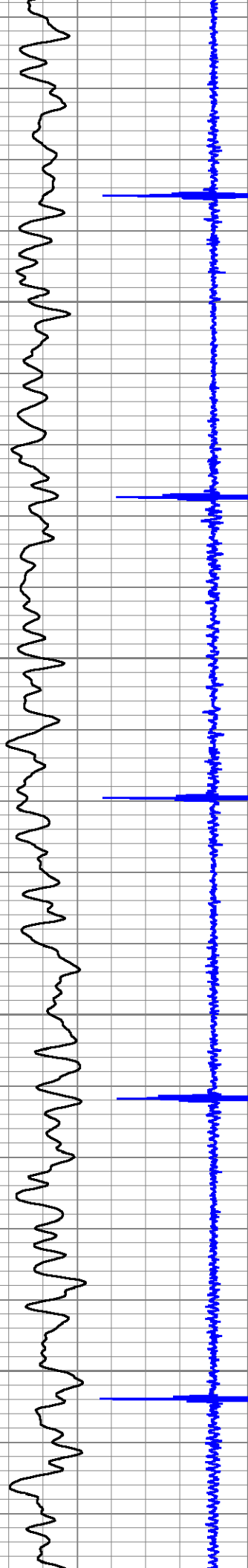
1850

1900

1950





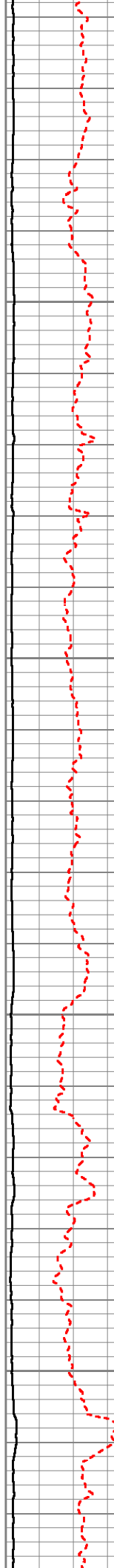


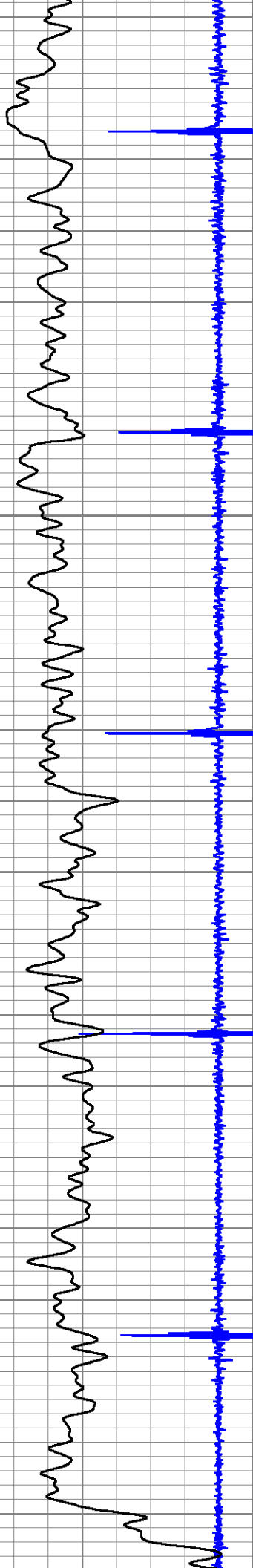
2000

2050

2100

2150



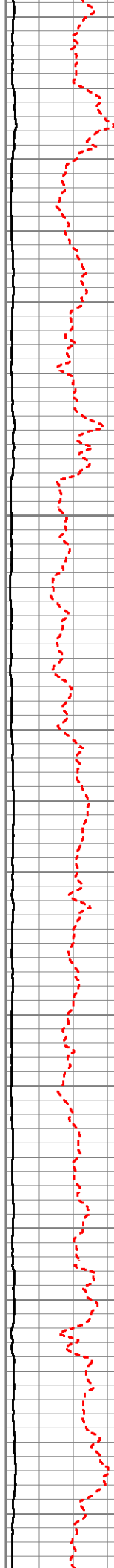


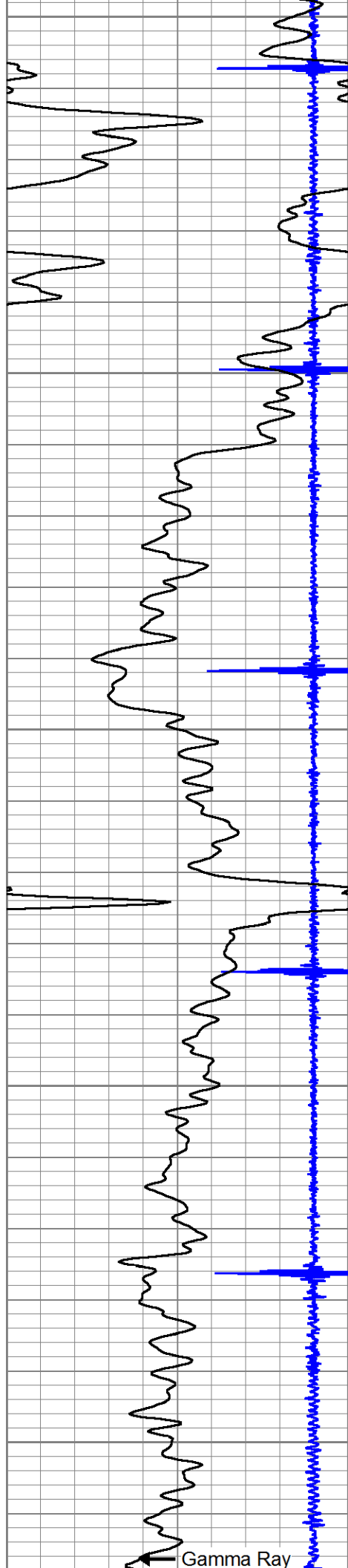
2200

2250

2300

2350





2400

2450

2500

2550

2600

Gamma Ray

LTEN

Variable Density →

