

| | | | |
|------------------------------|--|----------------|---------------------|
| Company | XTO Energy Inc. | Company | XTO Energy Inc. |
| Well | Apache Canyon 18-07 | Well | Apache Canyon 18-07 |
| Field | Purgatoire River | Field | Purgatoire River |
| County | Las Animas | County | Las Animas |
| State | Colorado | State | Colorado |
| Location: | API # : 05 071 08887 00 1499' FNL & 1734' FEL | Other Services | dil |
| Permanent Datum | SEC 18 TWP 34S RGE 67W | Elevation | |
| Log Measured From | Ground Level | K.B. ----- | |
| Drilling Measured From | Ground Level | D.F. ----- | |
| | | G.L. 7684' | |
| Date | 08-09-06 | | |
| Run Number | One | | |
| Depth Driller | 2220' | | |
| Depth Logger | 2203' | | |
| Bottom Logged Interval | 2179' | | |
| Top Log Interval | Surface Casing | | |
| Casing Driller | 8 5/8" @ 362' | | |
| Casing Logger | 362' | | |
| Bit Size | 7 7/8" | | |
| Type Fluid in Hole | Water | | |
| 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 | 12:00 a.m. | | |
| Time Logger on Bottom | 3:20 a.m. | | |
| Maximum Recorded Temperature | 115 | | |
| Equipment Number | T677 | | |
| Location | Trinidad | | |
| Recorded By | L. Smith | | |
| Witnessed By | Mr. Don Johnson | | |

>>> Fold Here >>>

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.

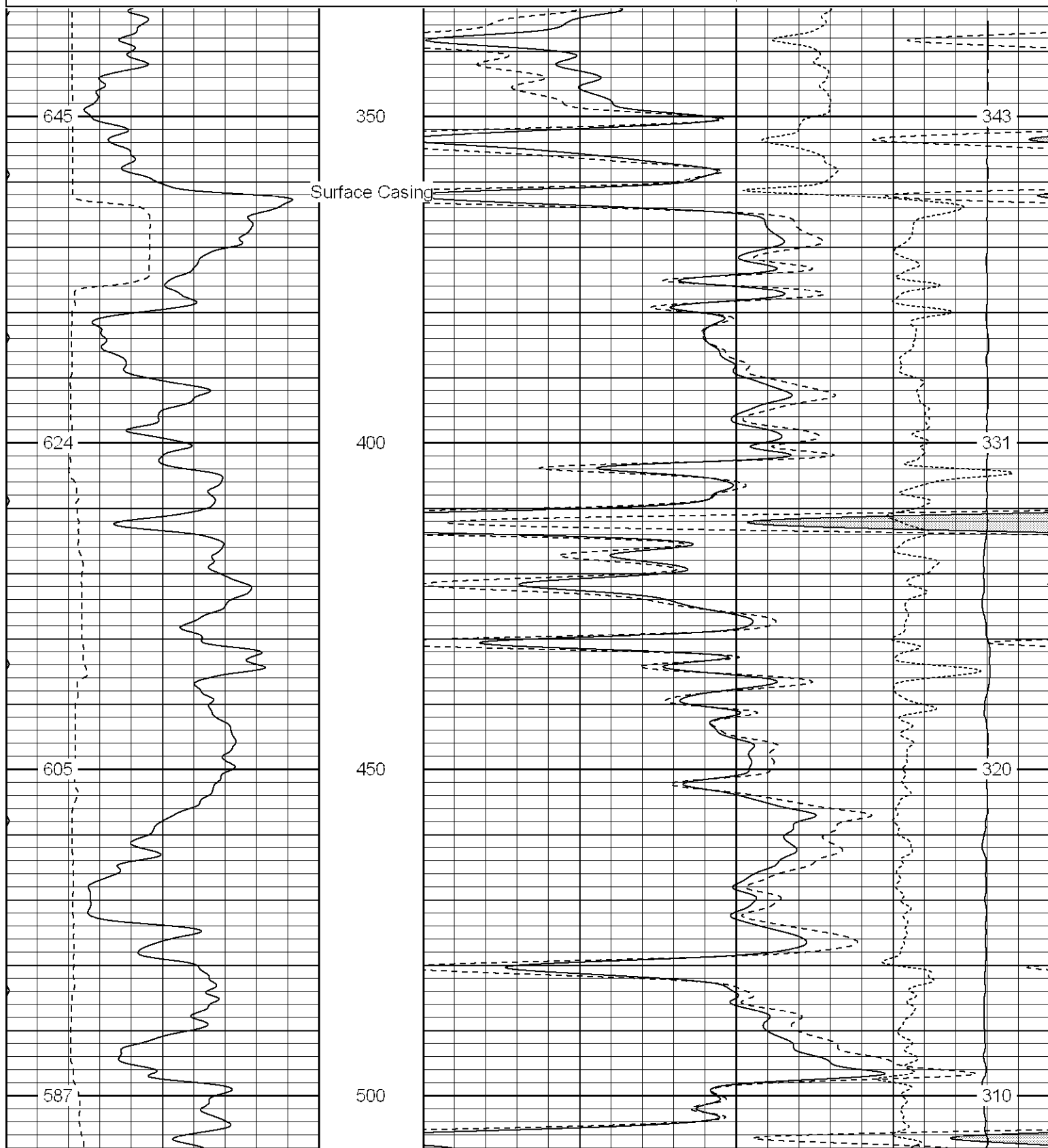
Comments

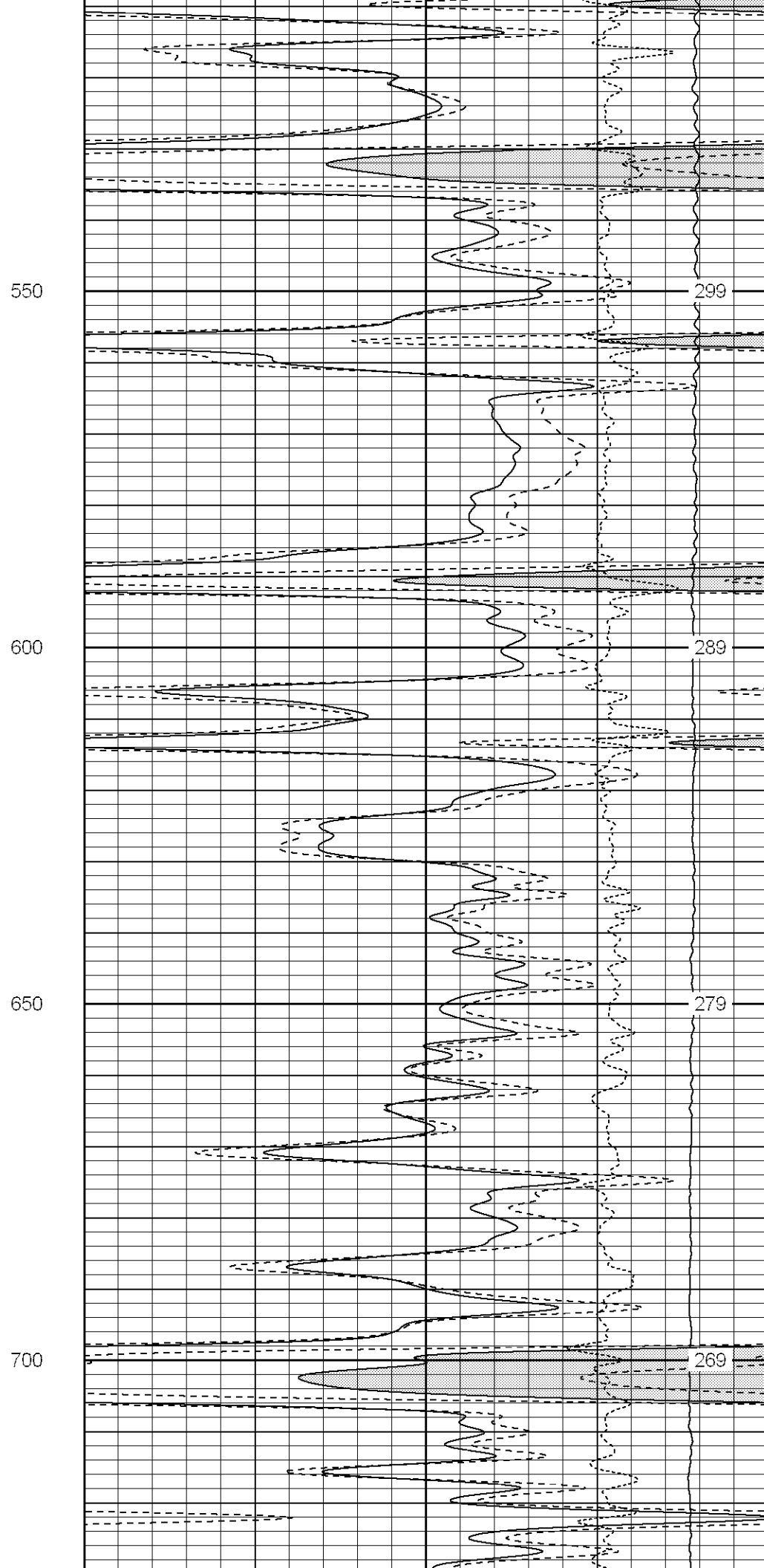
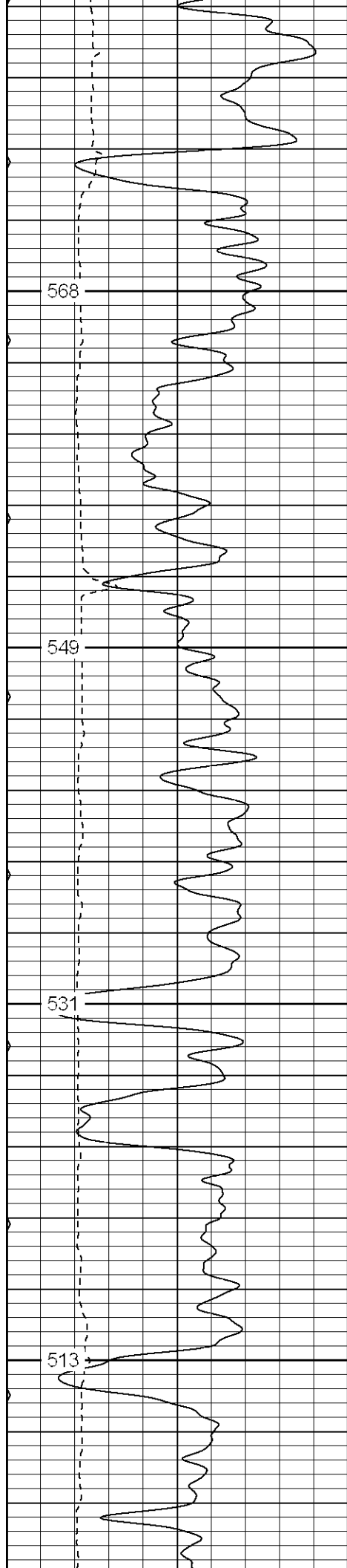
Compensated Density Neutron Porosity Presented On Sandstone Matrix.
ABHV Calculated For 5 1/2" Casing.
Turn at Bosque before Weston, go right at Big Bingham Canyon, stay on main rd. for
1.7 miles and go right to location.

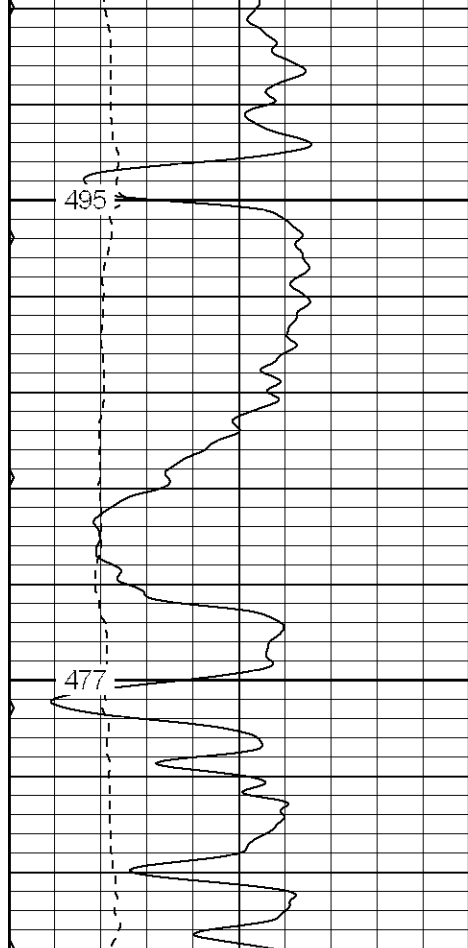
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Dataset Pathname: pass2.1
Presentation Format: cdl
Dataset Creation: Wed Aug 09 04:52:40 2006 by Calc Warrior 7.0 STD Ope
Charted by: Depth in Feet scaled 1:240

| | | |
|---|-----------|-----|
| 0 | GR (GAPI) | 200 |
| 6 | DCAL (in) | 16 |
| 0 | MINMK | 80 |

| | | |
|------|-------------|-----|
| 2 | RHOB (g/cc) | 3 |
| 1 | RHOB (g/cc) | 2 |
| 30 | DPOR (pu) | -10 |
| -0.5 | RHOC (g/cc) | 0.5 |
| 4000 | LTEN (lb) | 0 |

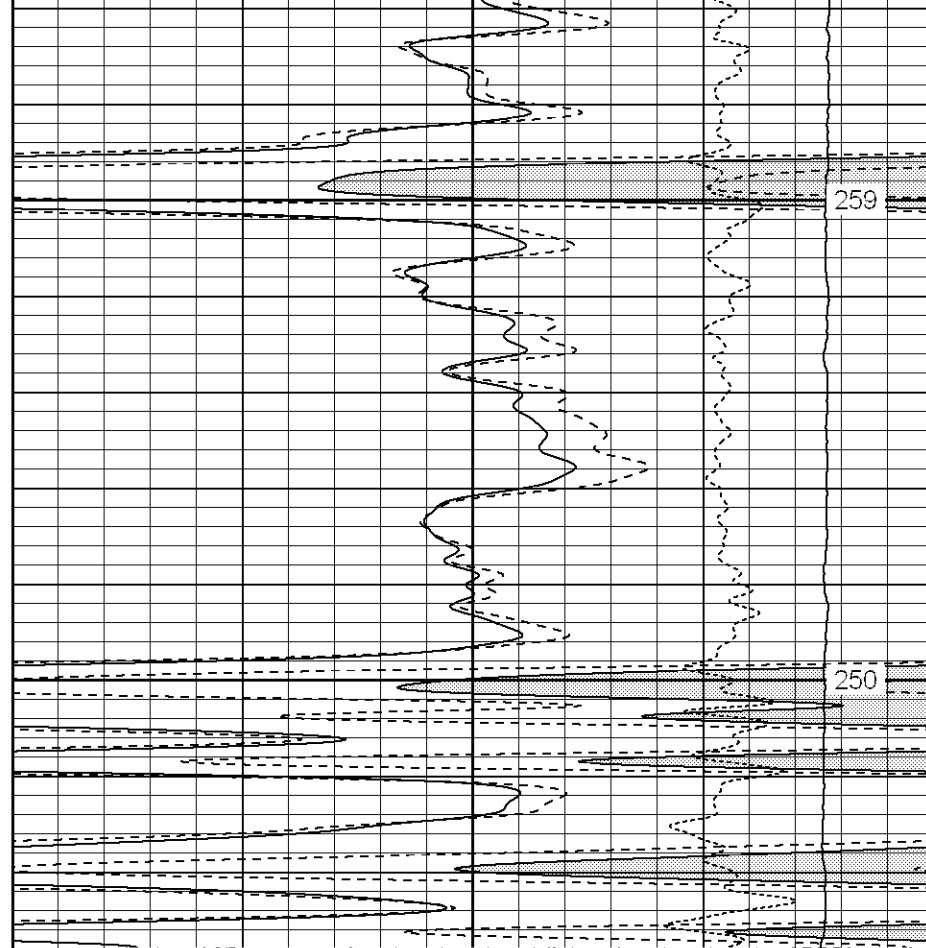


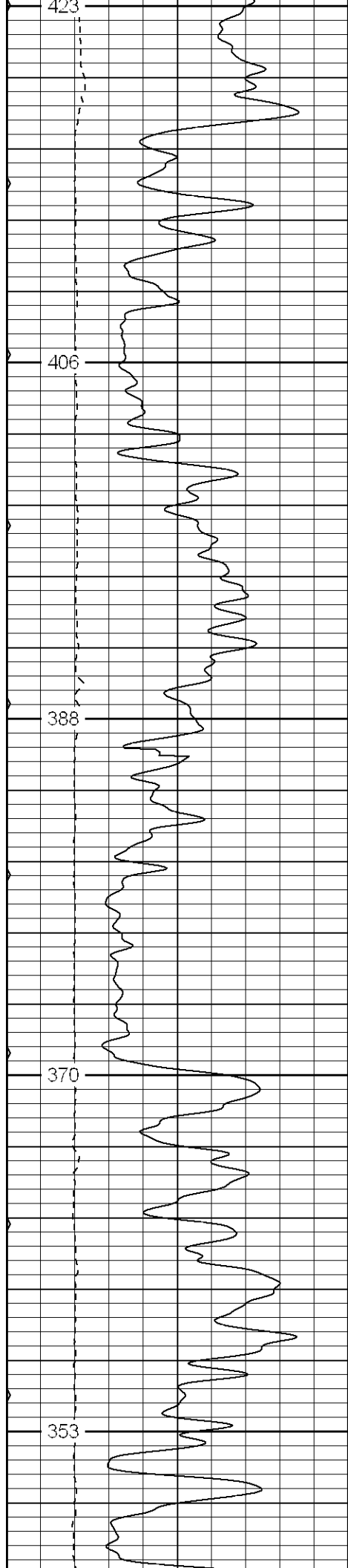




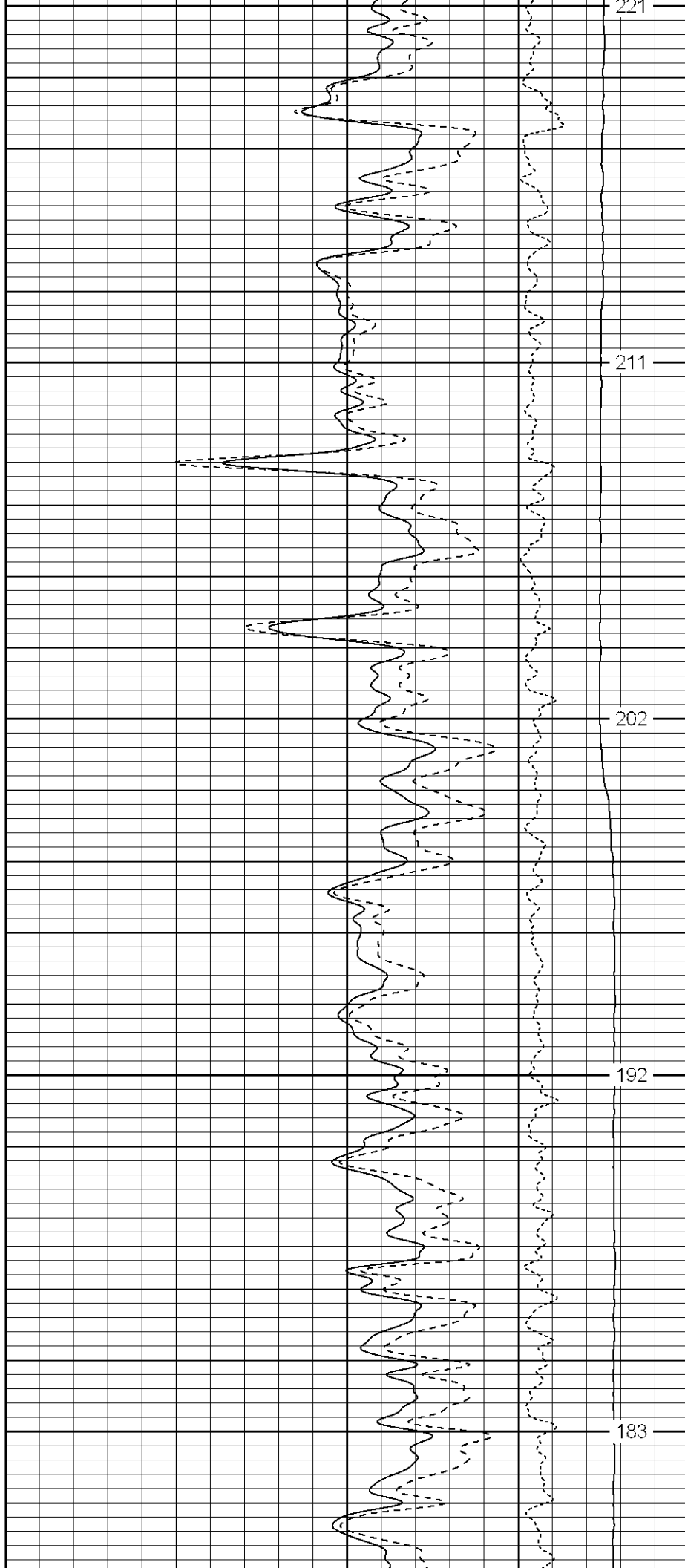
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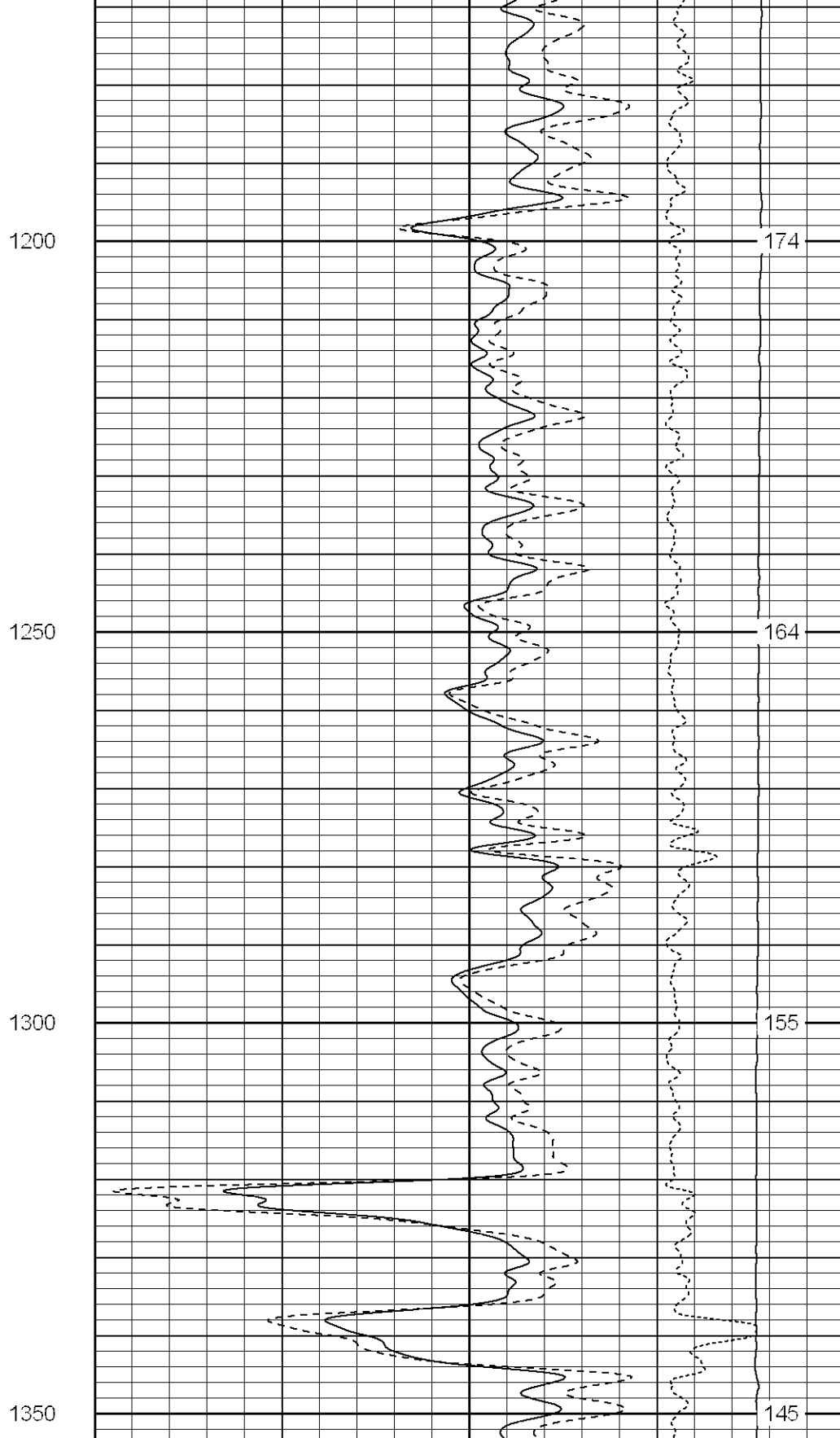
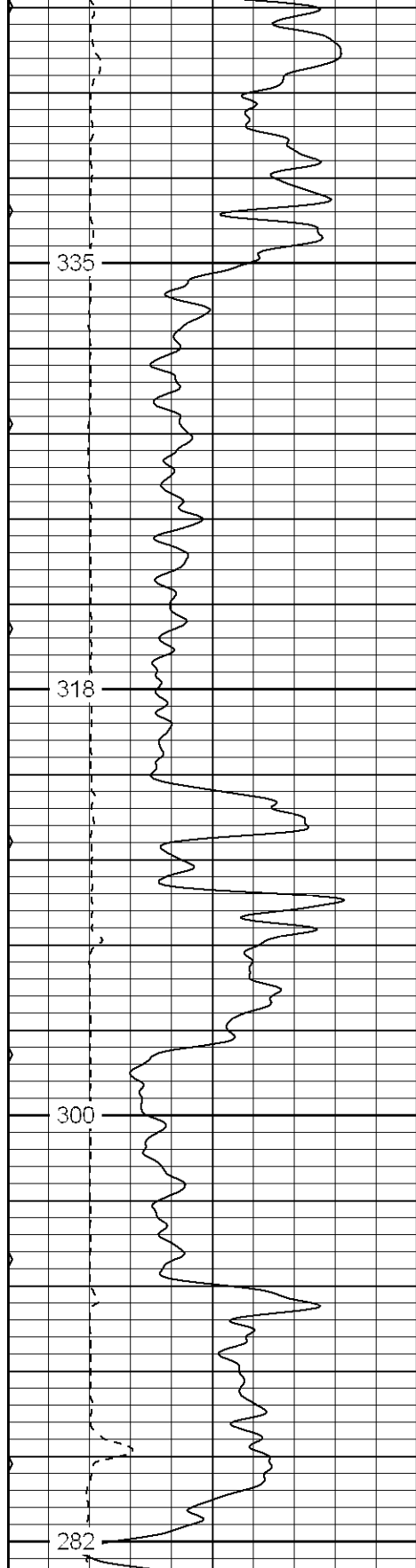
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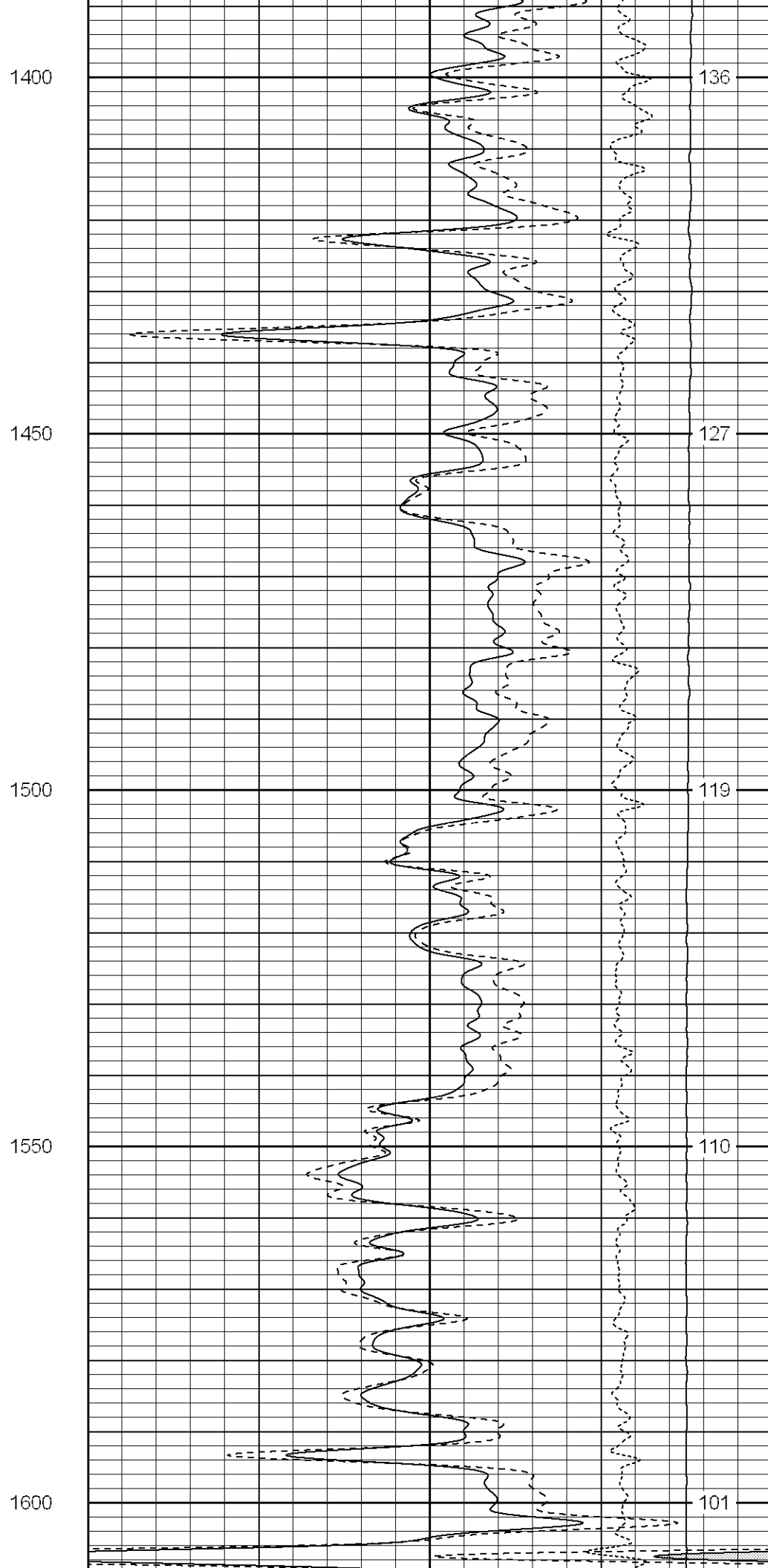
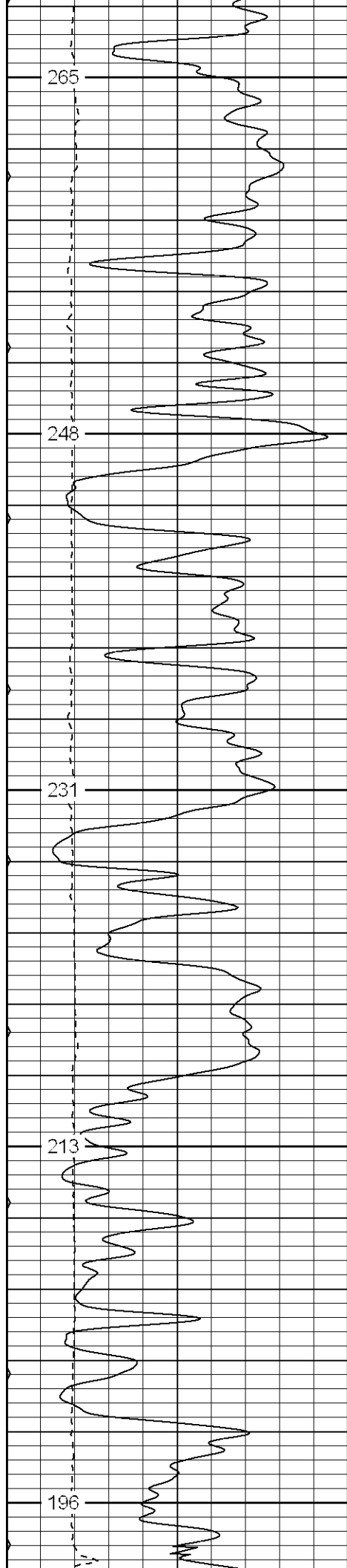


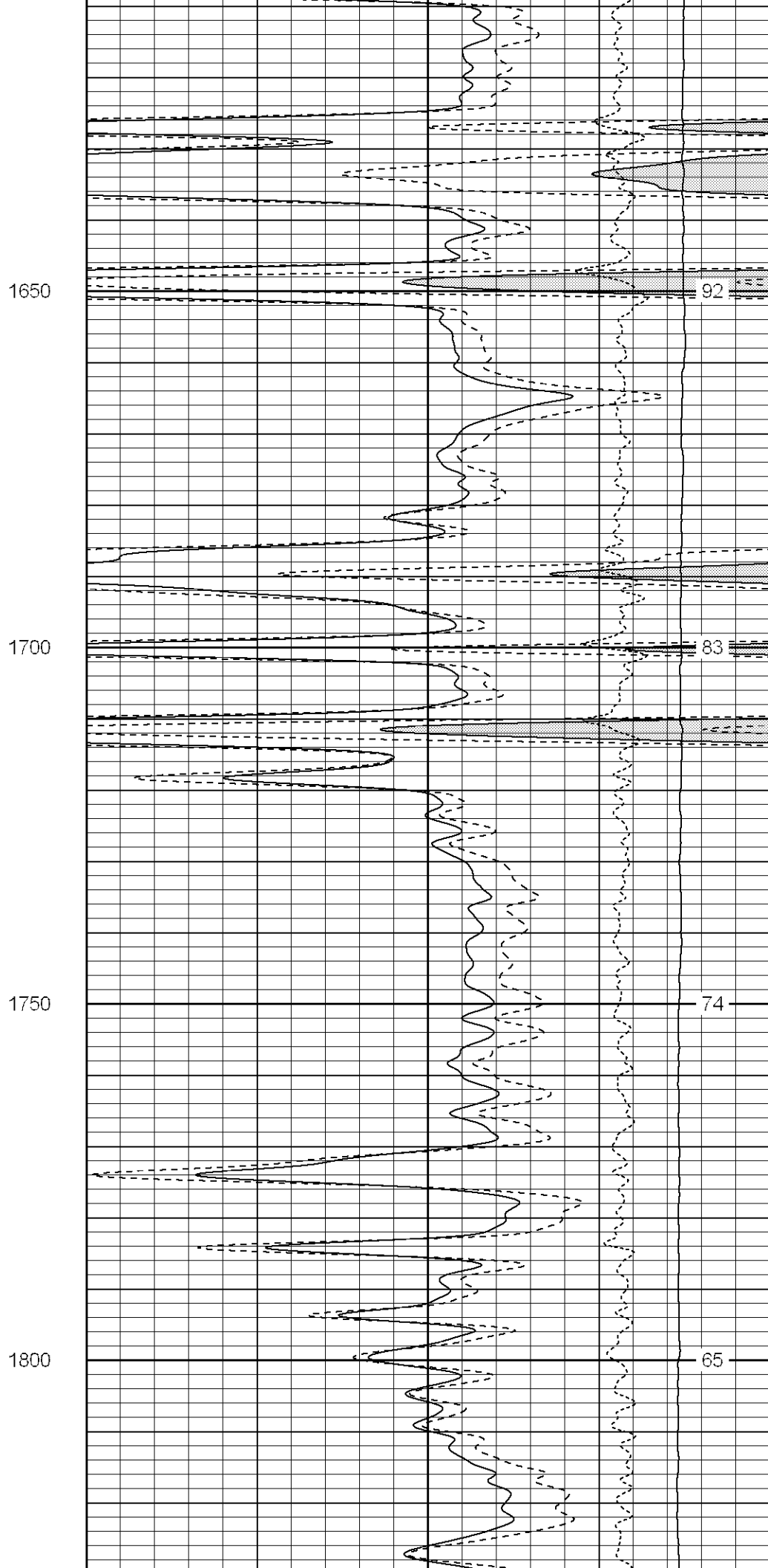
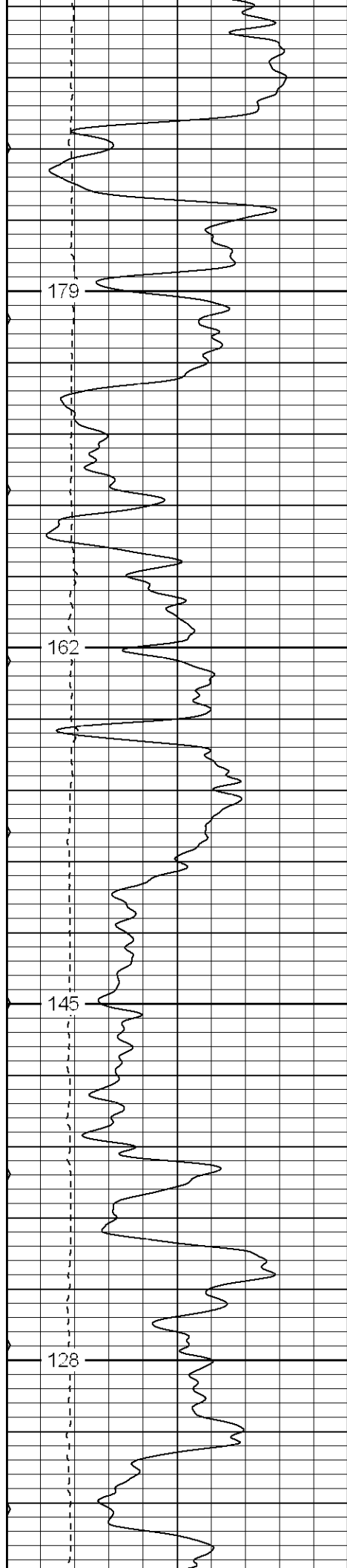


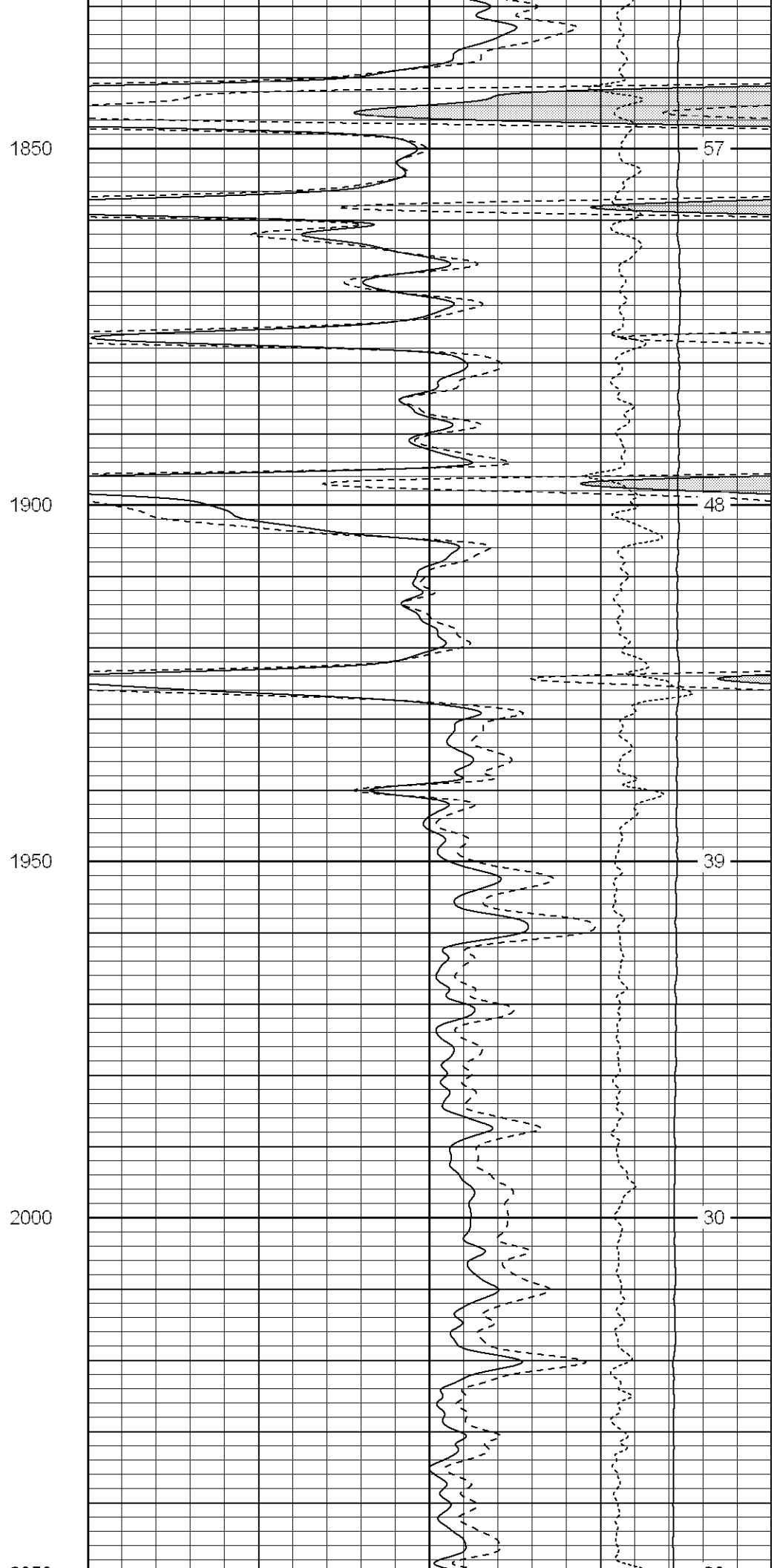
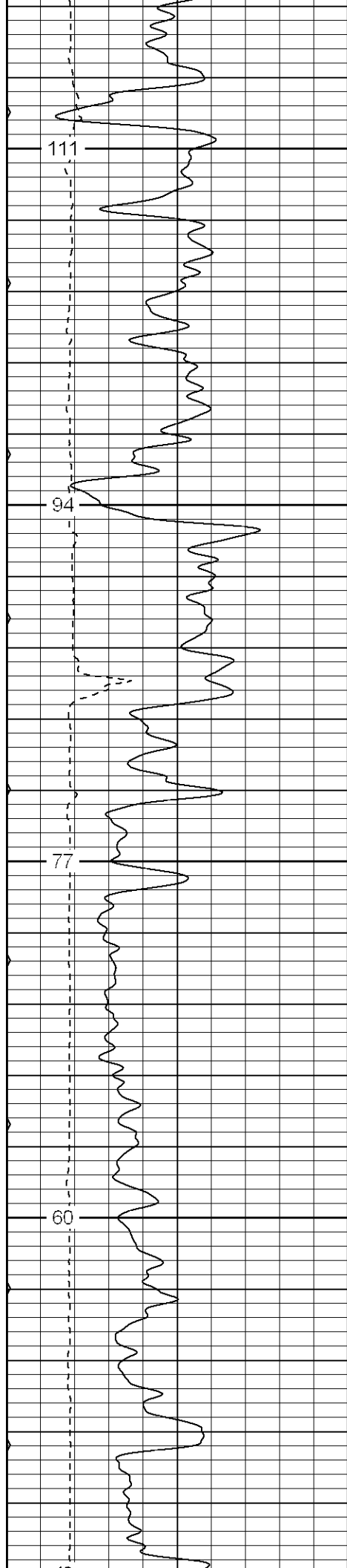
950
1000
1050
1100
1150

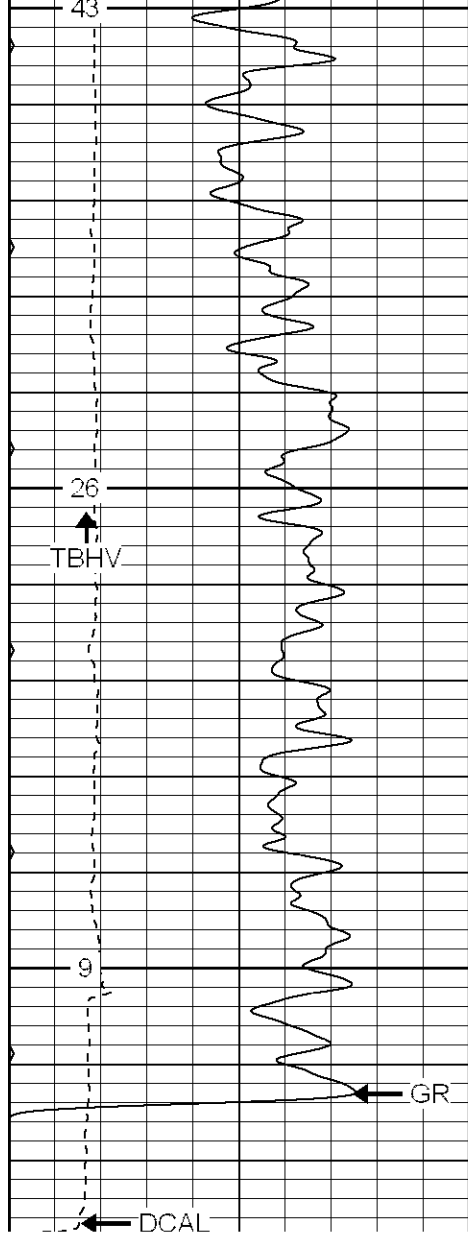








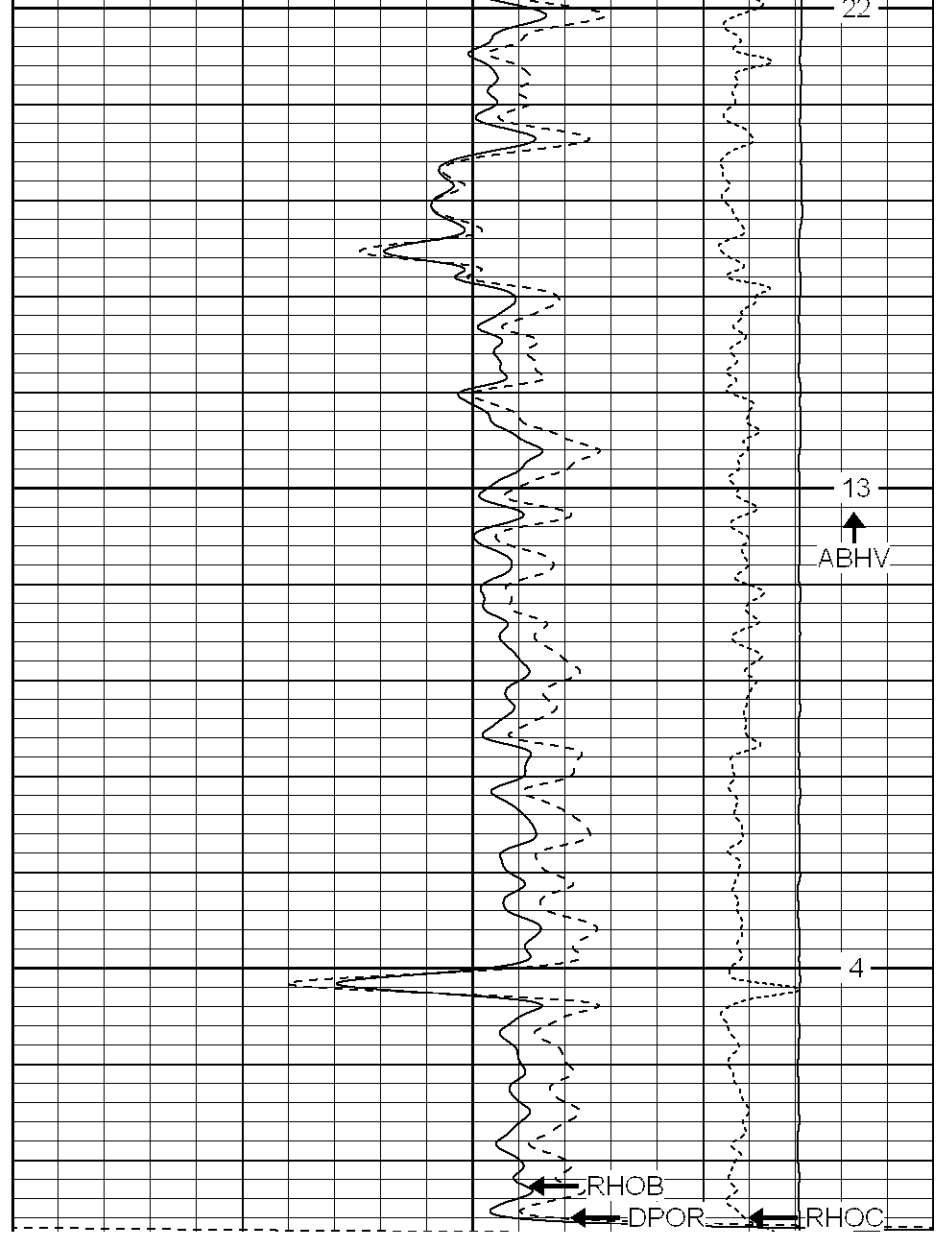




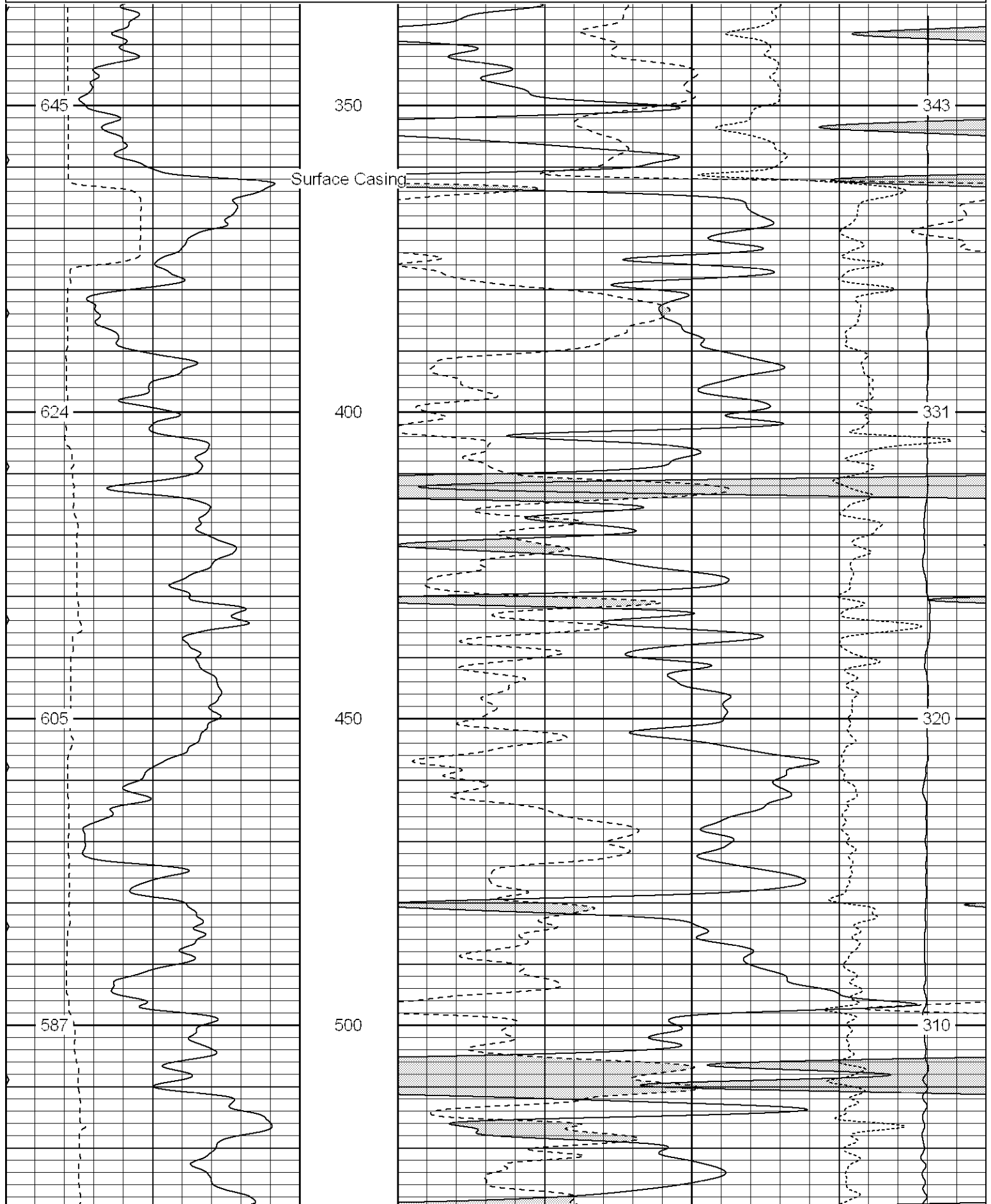
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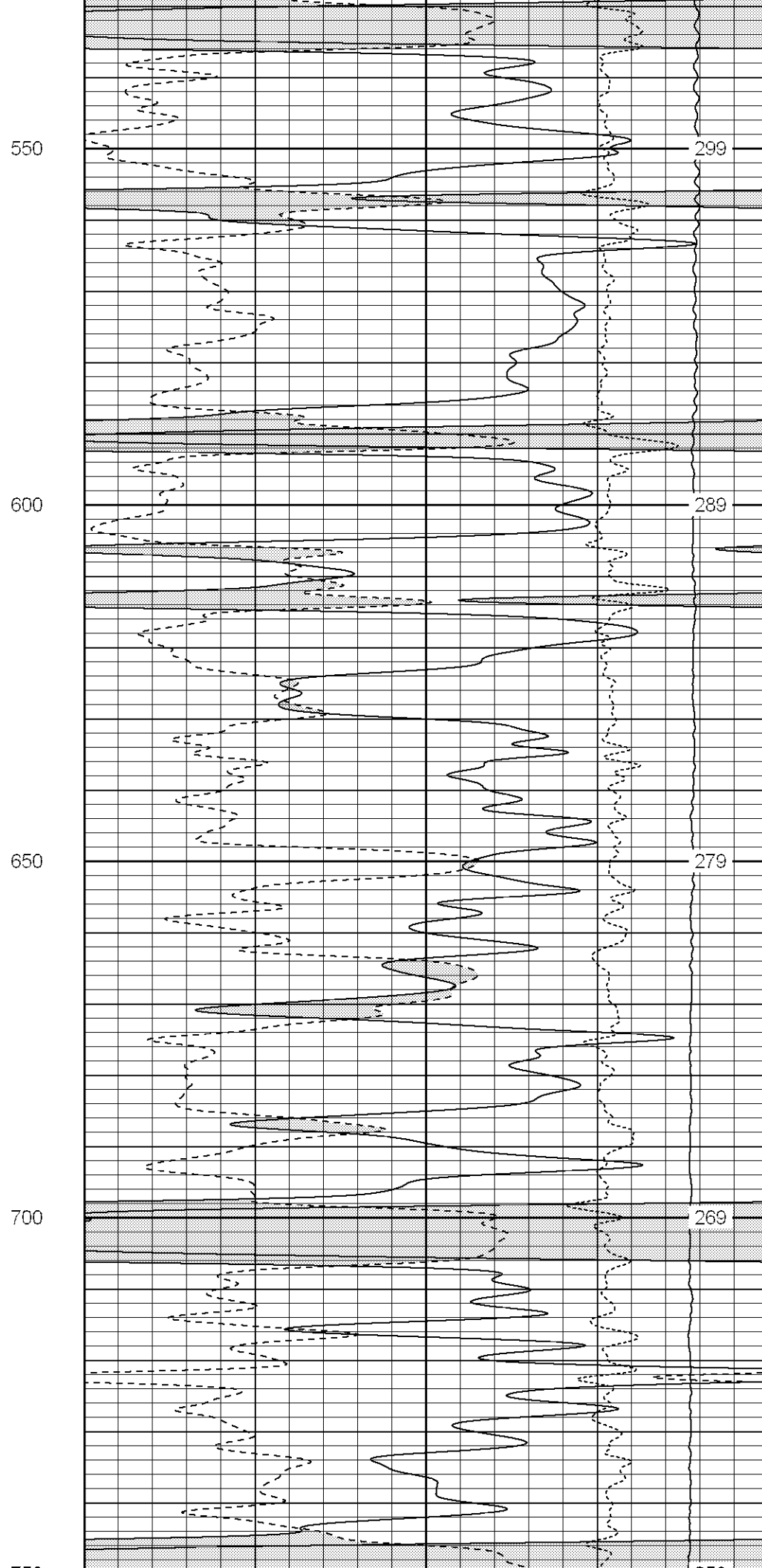
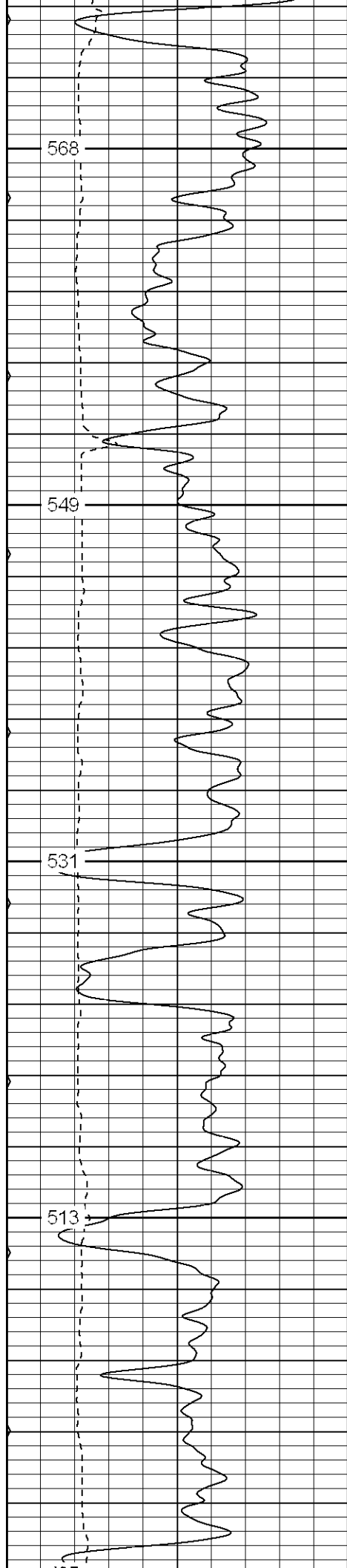
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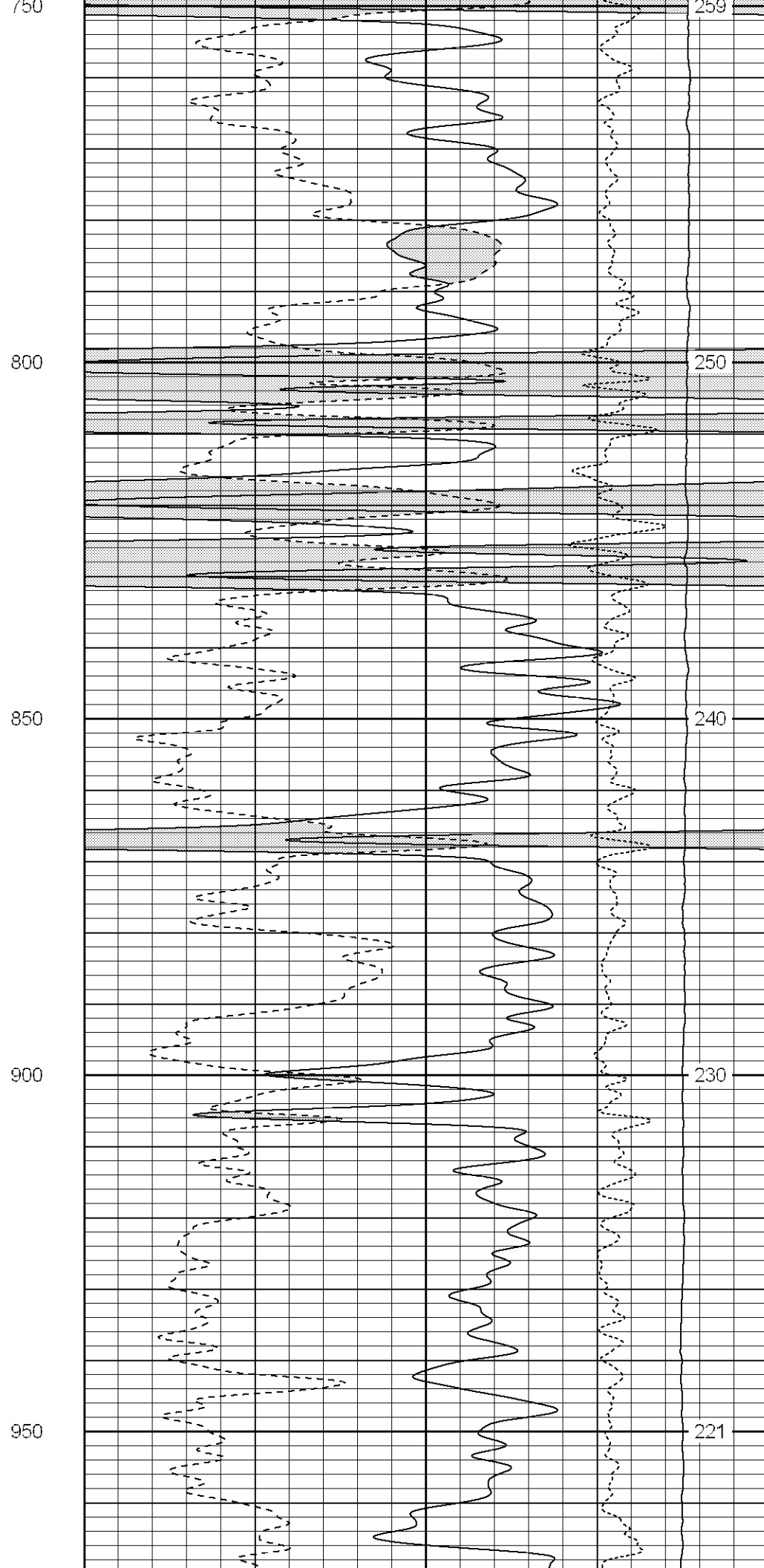
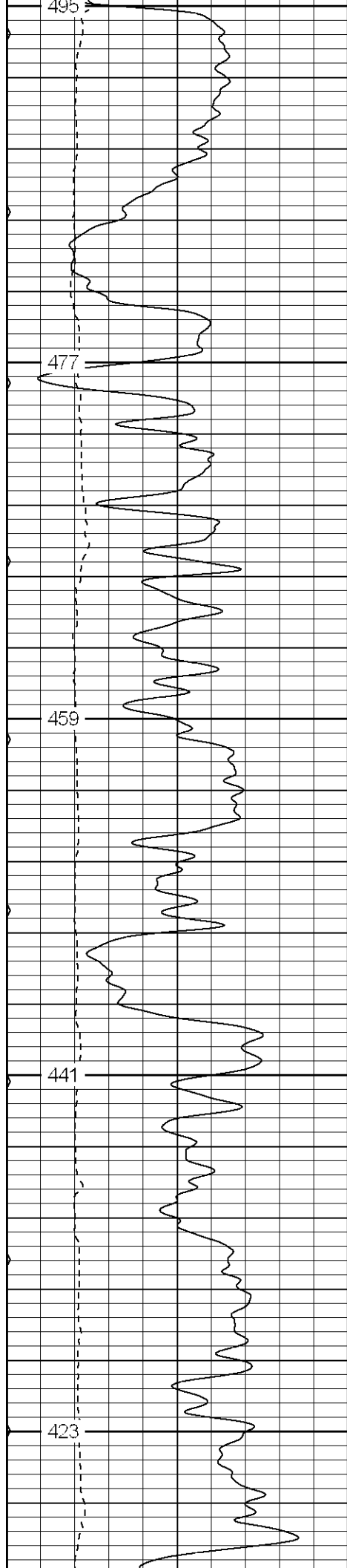
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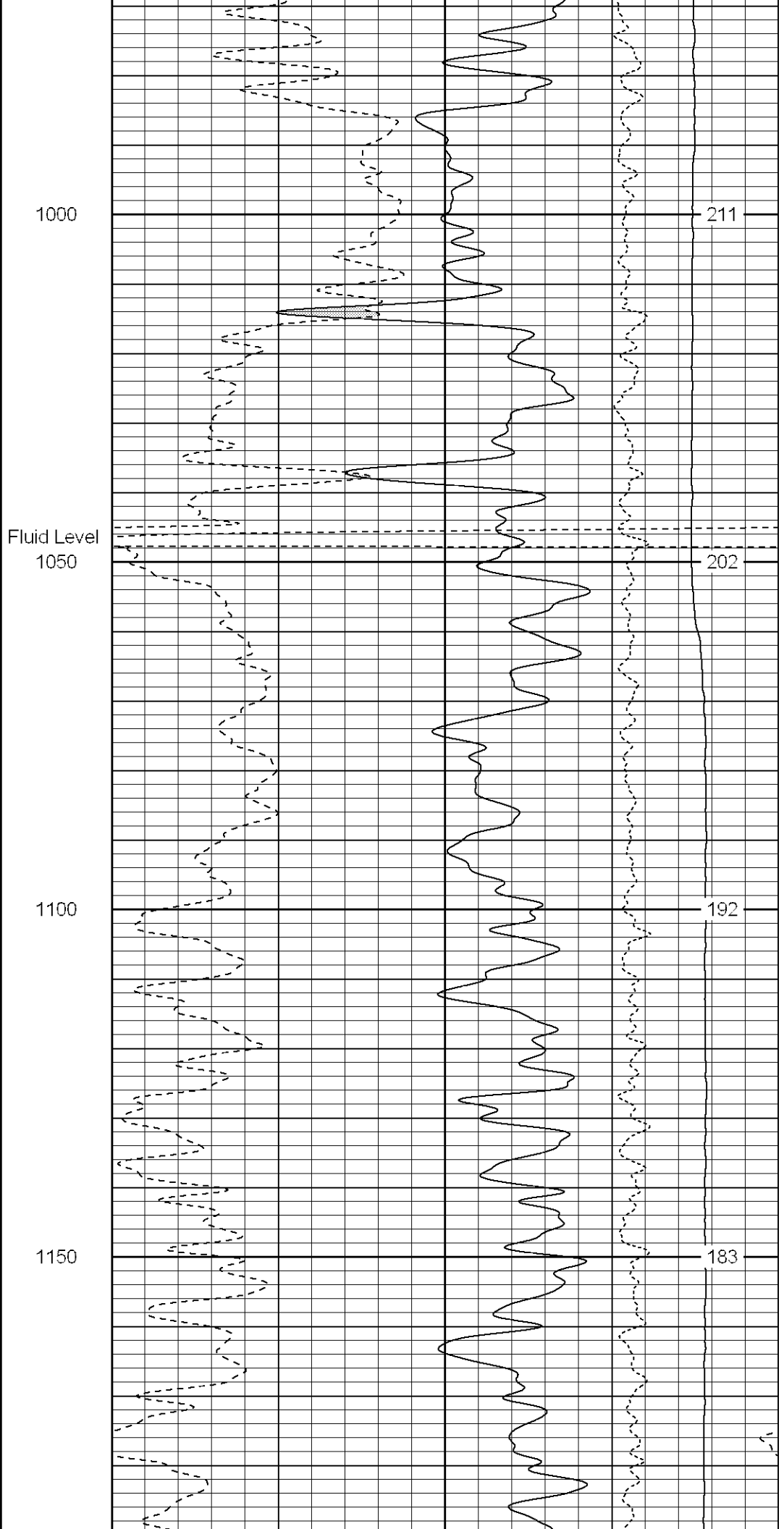
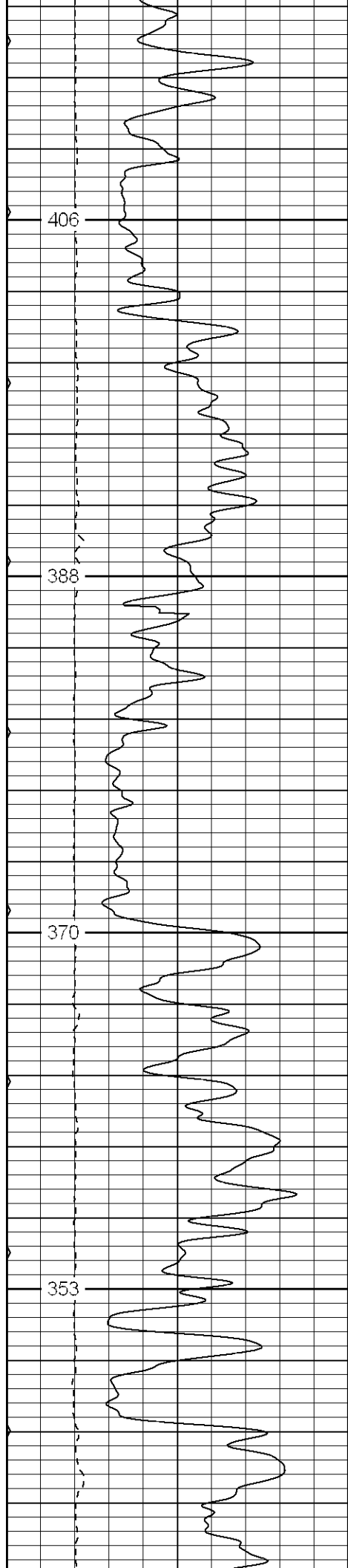


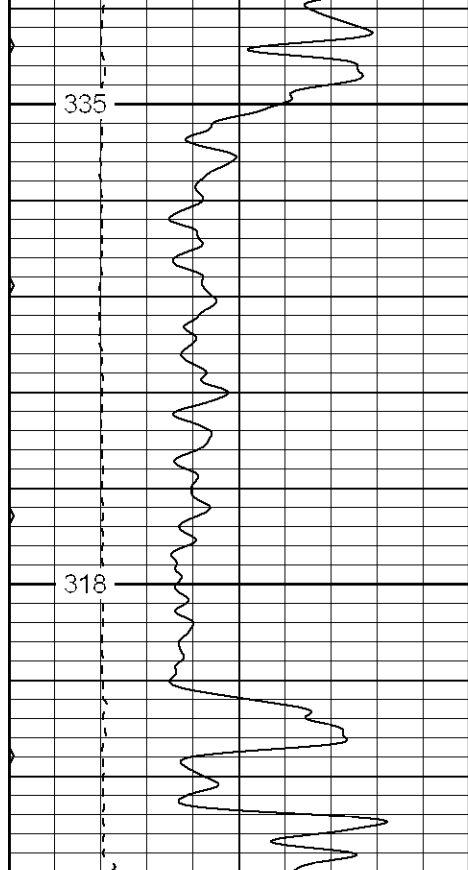
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|-------------------|-----------|-----|-----------------------------------|-----------|-----------------|
| Charted by: _____ | | | Depth in Feet scaled 1:2 is _____ | | |
| 0 | GR (GAPI) | 200 | 30 | NPOR (pu) | -10 |
| 6 | DCAL (in) | 16 | 30 | DPOR (pu) | -10 |
| 0 | MINMK | 80 | | -0.5 | RHOC (g/cc) 0.5 |
| | | | | 4000 | LTEN (lb) 0 |





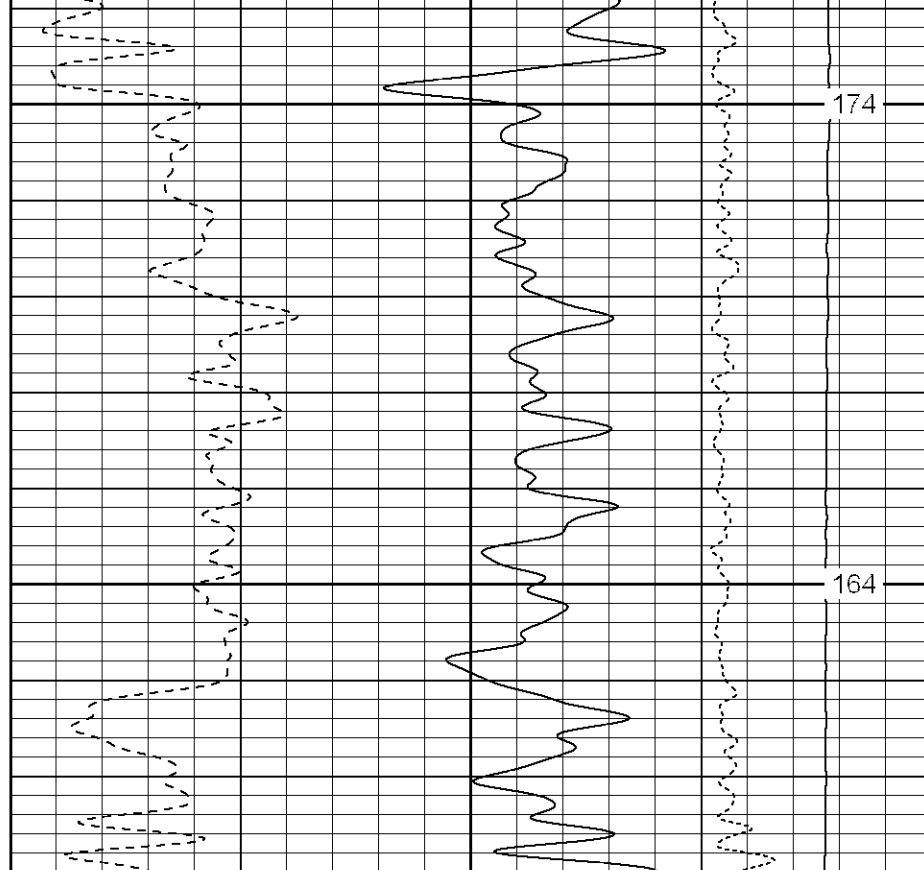


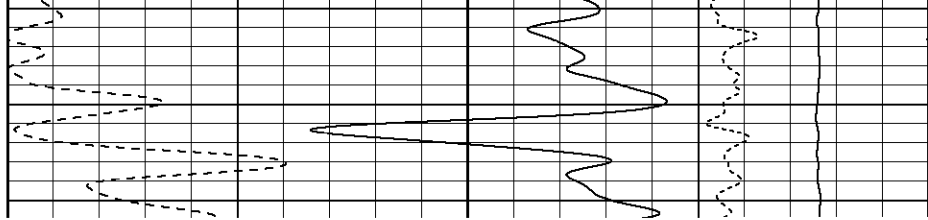
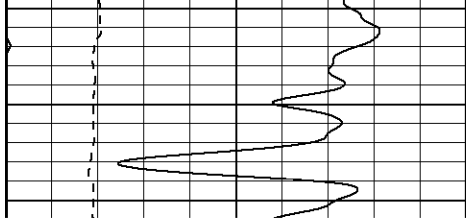


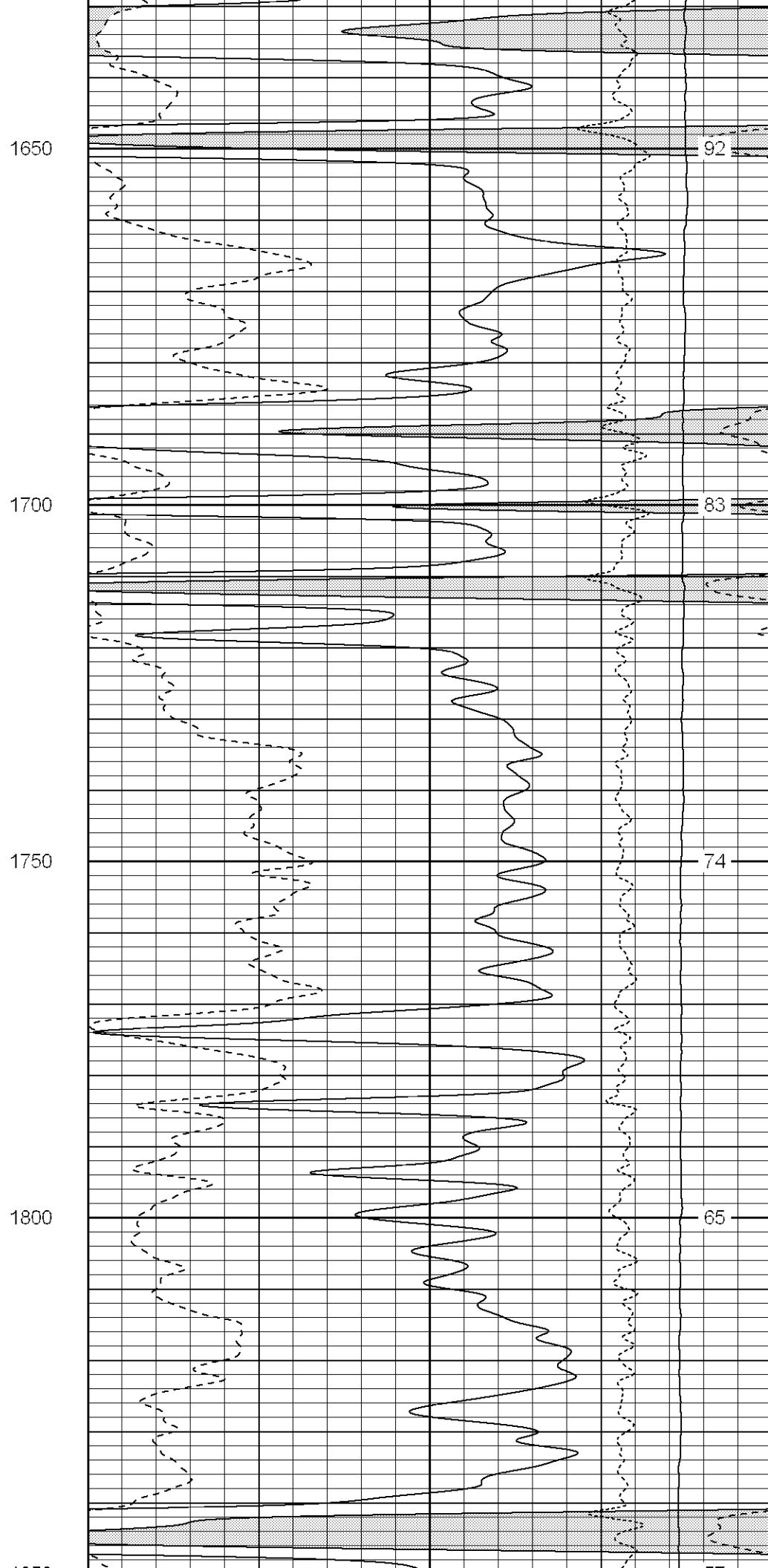
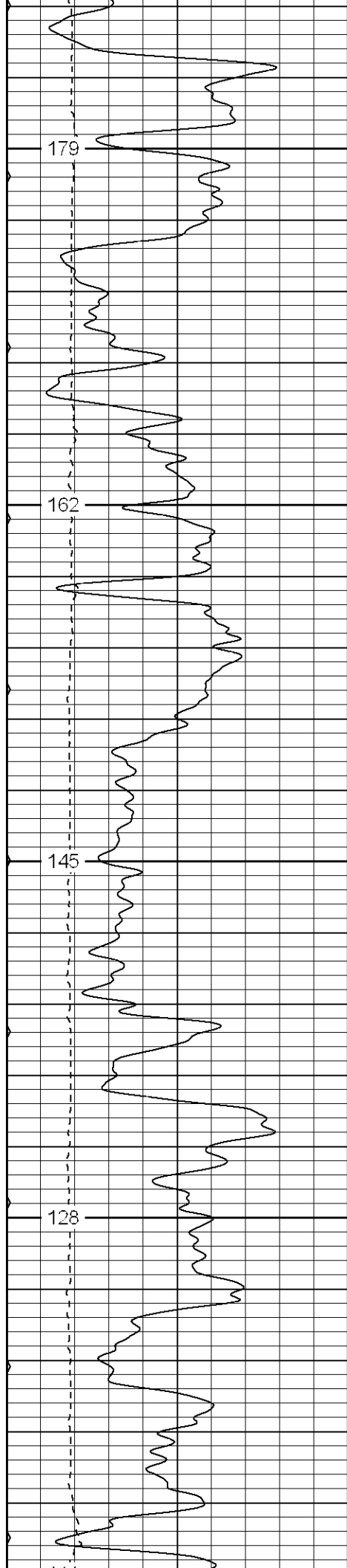


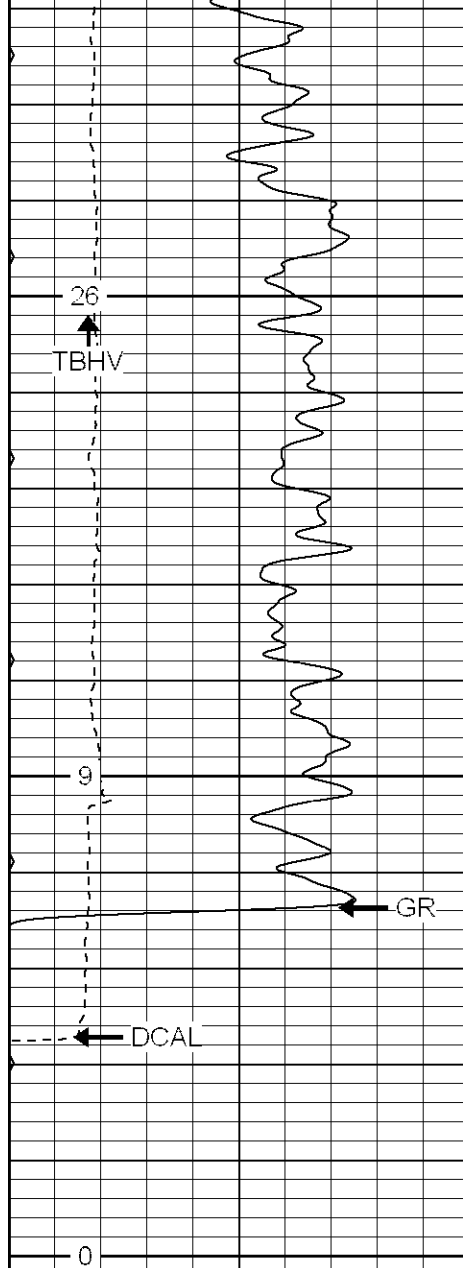
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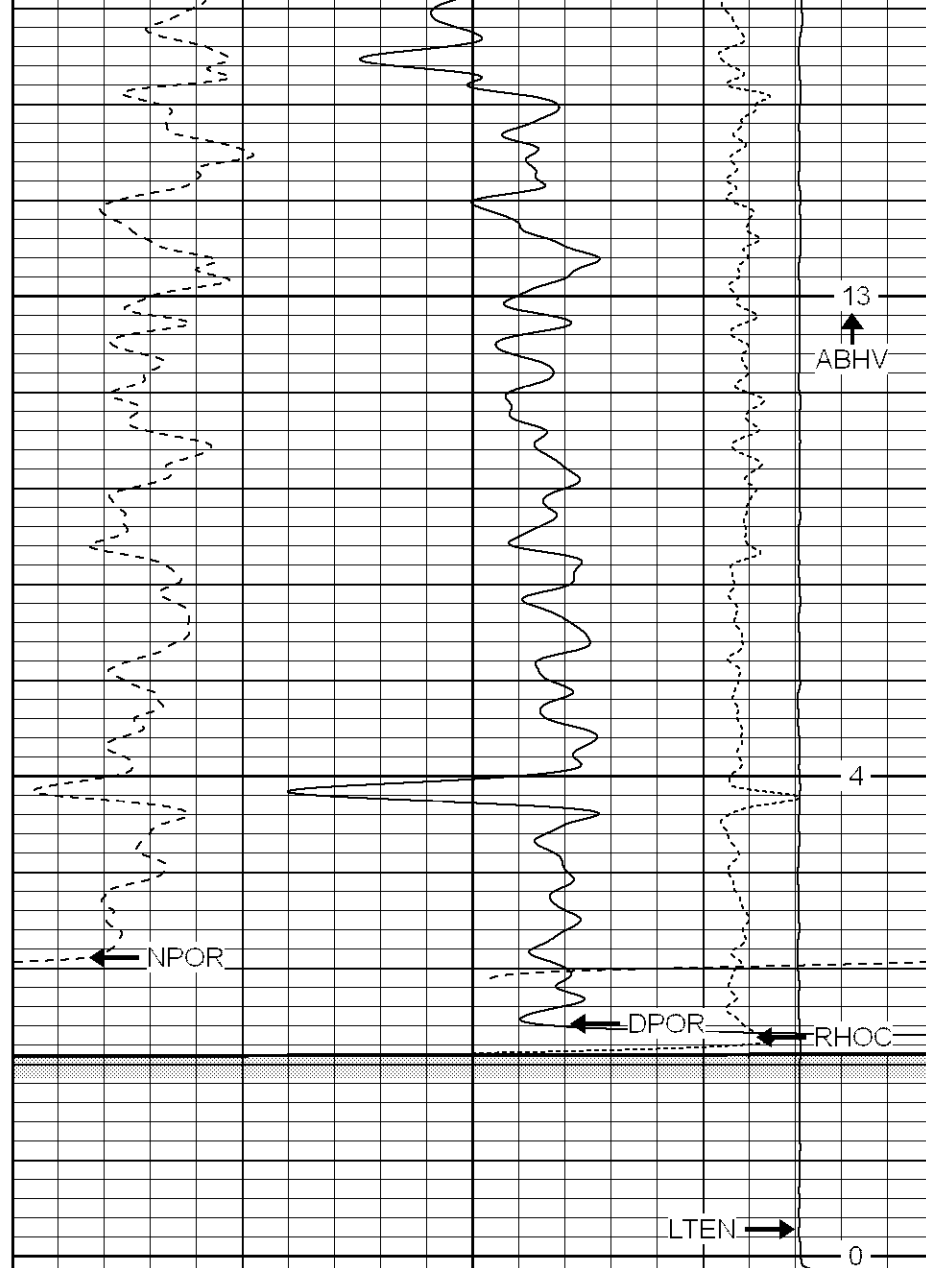


| | | |
|---|-----------|-----|
| 0 | GR (GAPI) | 200 |
| 6 | DCAL (in) | 16 |
| 0 | MINMK | 80 |

2100

2150

2200



| | | |
|------|-------------|-----|
| 30 | NPOR (pu) | -10 |
| 30 | DPOR (pu) | -10 |
| -0.5 | RHOC (g/cc) | 0.5 |
| 4000 | LTEN (lb) | 0 |

Patterson

Database File: xtoac1807.db
 Dataset Pathname: pass1
 Presentation Format: cdnl
 Dataset Creation: Wed Aug 09 03:18:25 2006 by Log Warrior 7.0 STD Ope
 Charted by: Depth in Feet scaled 1:240

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|---|-----------|-----|
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| 6 | DCAL (in) | 16 |
| 0 | MINMK | 80 |

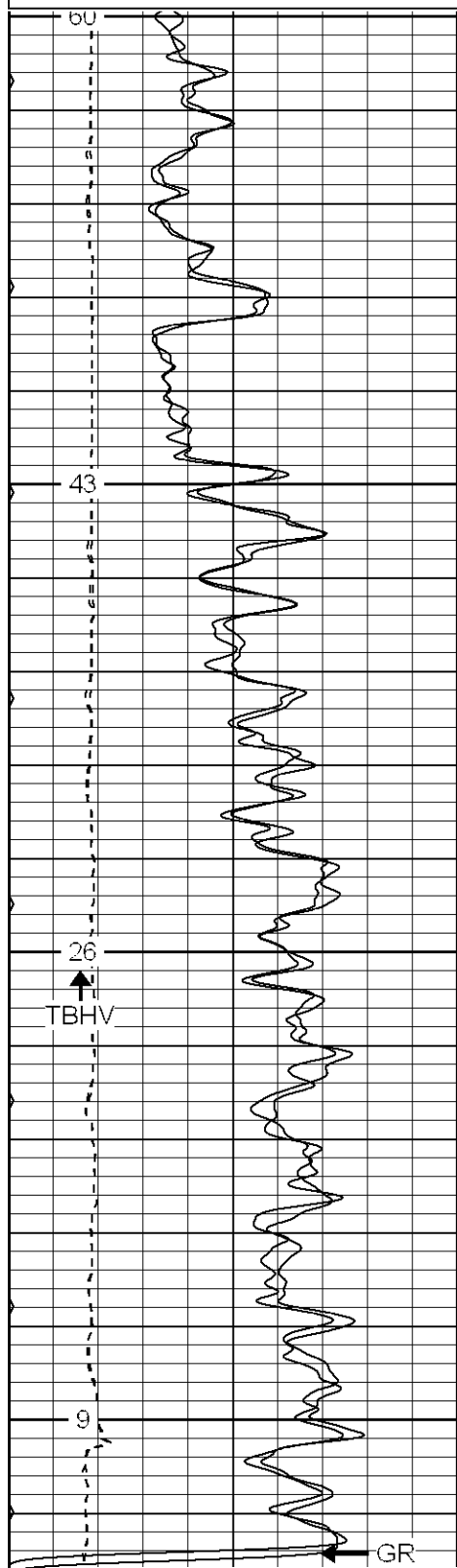
| | | |
|---|------------------|-----|
| 0 | GR-repeat (GAPI) | 200 |
| 6 | DCAL-repeat (in) | 16 |

| | | |
|----|------------------|-----|
| 30 | NPOR (pu) | -10 |
| 30 | DPOR (pu) | -10 |
| 30 | NPOR-repeat (pu) | -10 |
| 30 | DPOR-repeat (pu) | -10 |

| | | |
|------|-------------|-----|
| -0.5 | RHOC (g/cc) | 0.5 |
| 4000 | LTEN (lb) | 0 |

6 LOCAL-repeat (lb) 16

| | | |
|------|--------------------|-----|
| -0.5 | RHOC (g/cc) | 0.5 |
| 4000 | LTEN (lb) | 0 |
| -0.5 | RHOC-repeat (g/cc) | 0.5 |
| 4000 | LTEN-repeat (lb) | 0 |

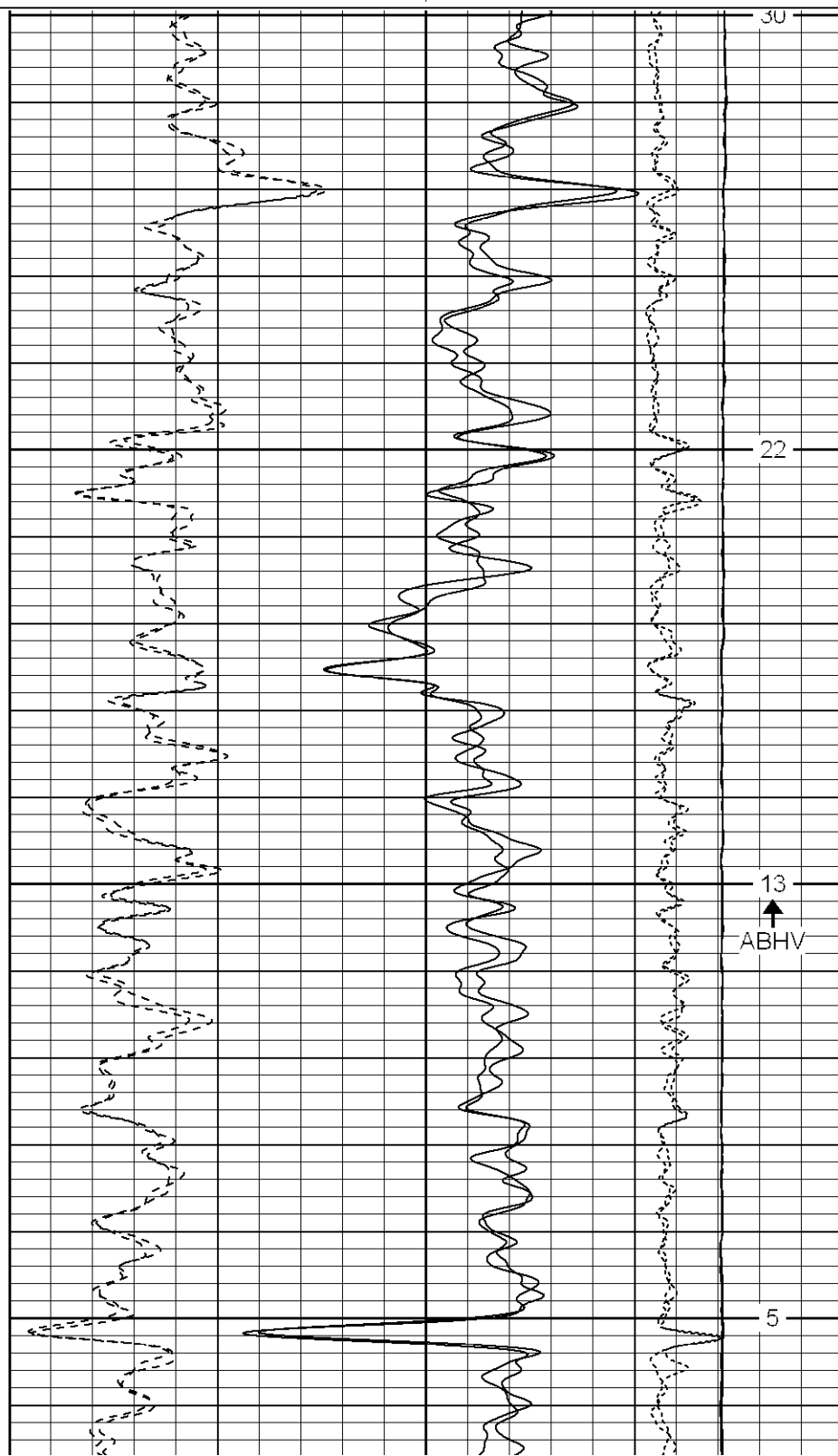


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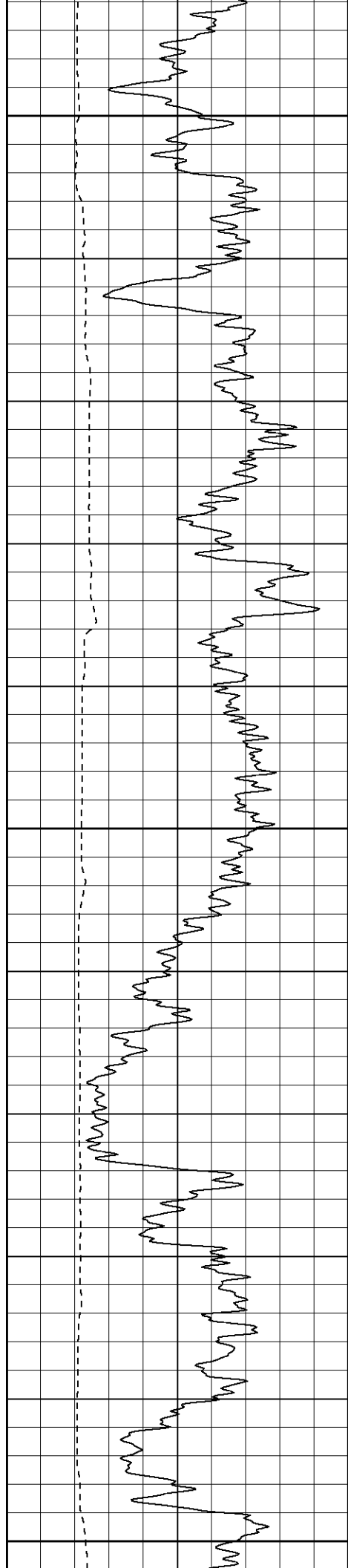
2100

2150



| | | |
|---|------------------|-----|
| 0 | GR (GAPI) | 200 |
| 6 | DCAL (in) | 16 |
| 0 | MINMK | 80 |
| 0 | GR-repeat (GAPI) | 200 |
| 6 | DCAL-repeat (in) | 16 |

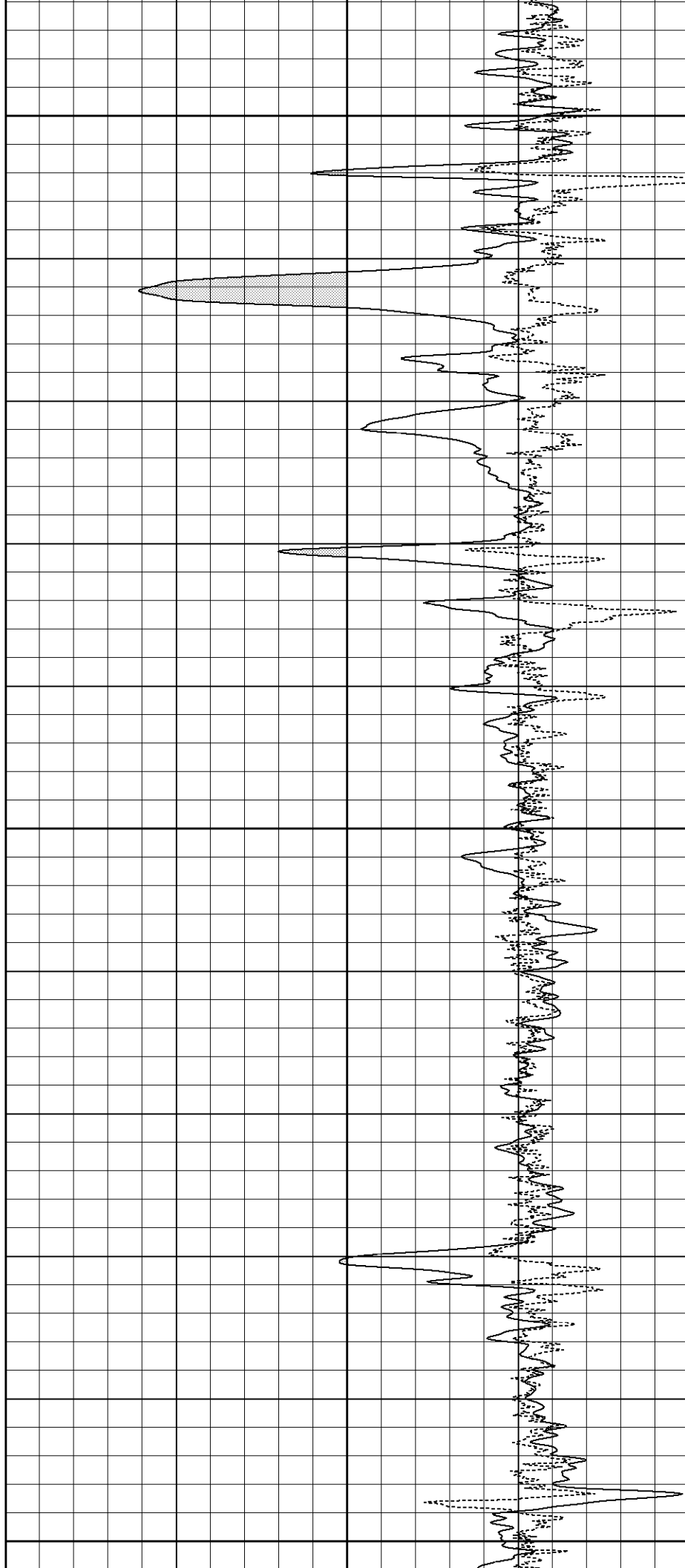
| | | |
|------|--------------------|-----|
| 30 | NPOR (pu) | -10 |
| 30 | DPOR (pu) | -10 |
| 30 | NPOR-repeat (pu) | -10 |
| 30 | DPOR-repeat (pu) | -10 |
| -0.5 | RHOC (g/cc) | 0.5 |
| 4000 | LTEN (lb) | 0 |
| -0.5 | RHOC-repeat (g/cc) | 0.5 |

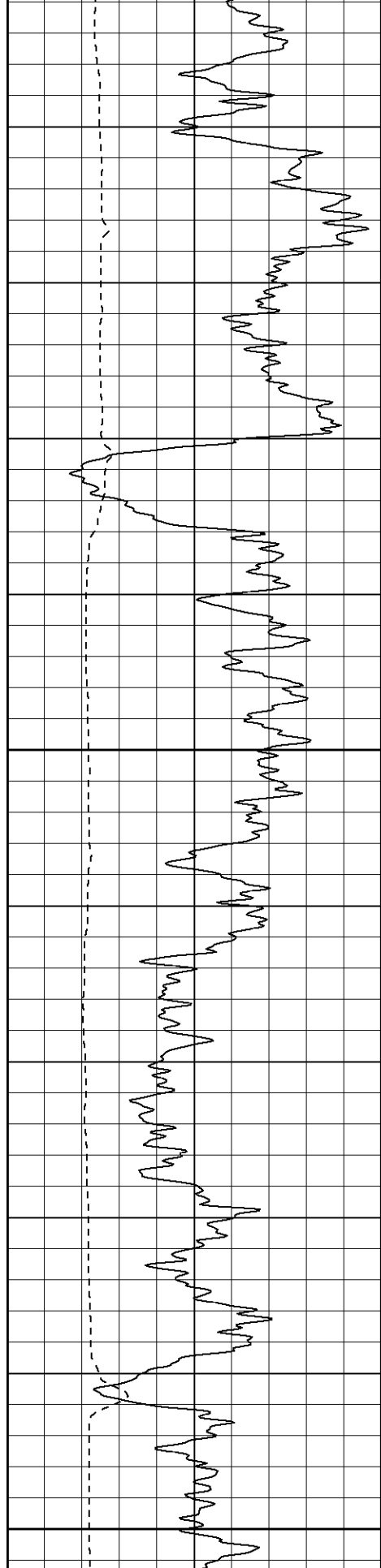


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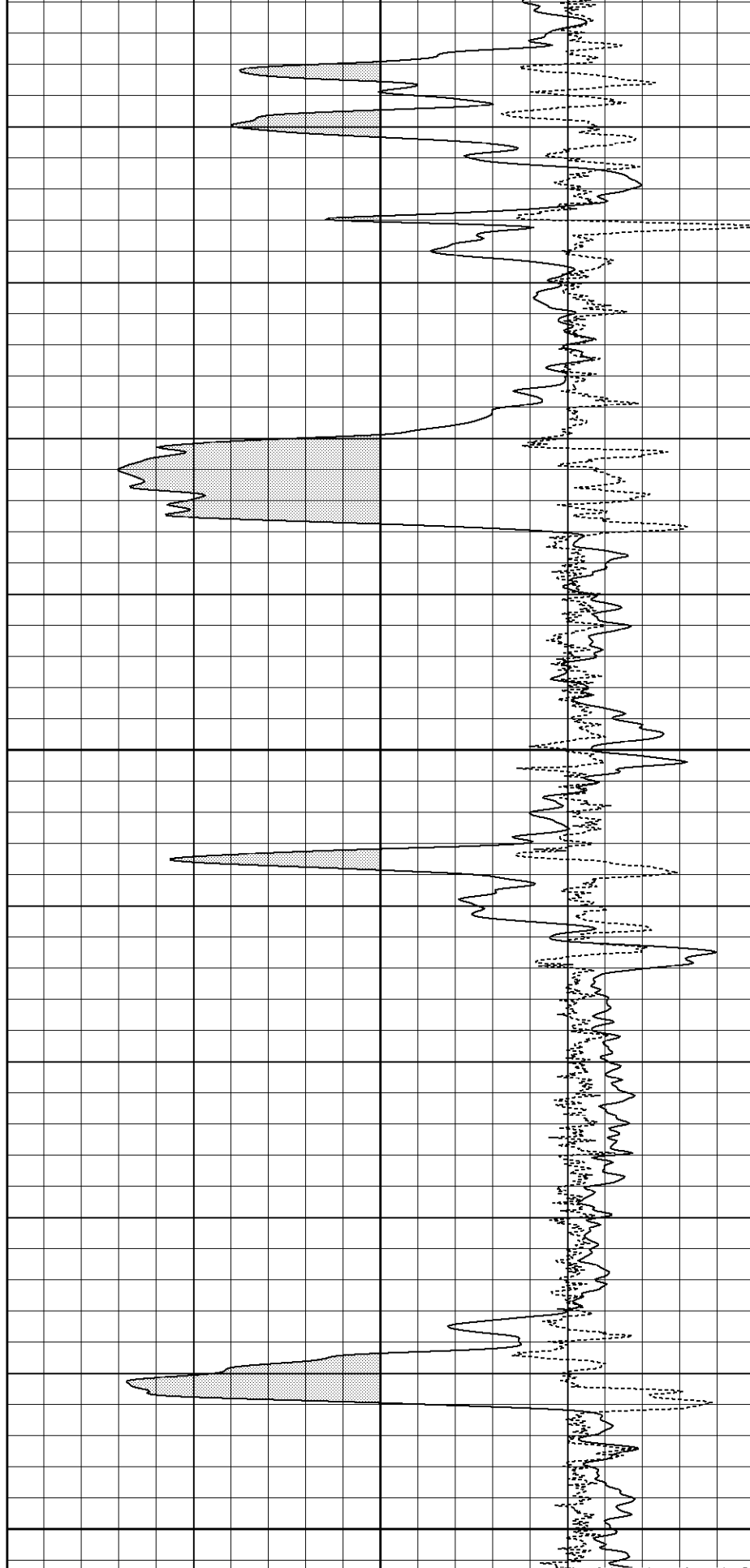
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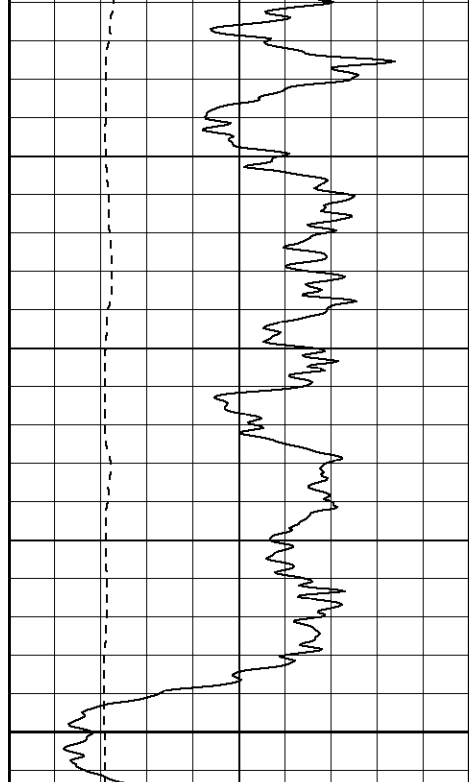




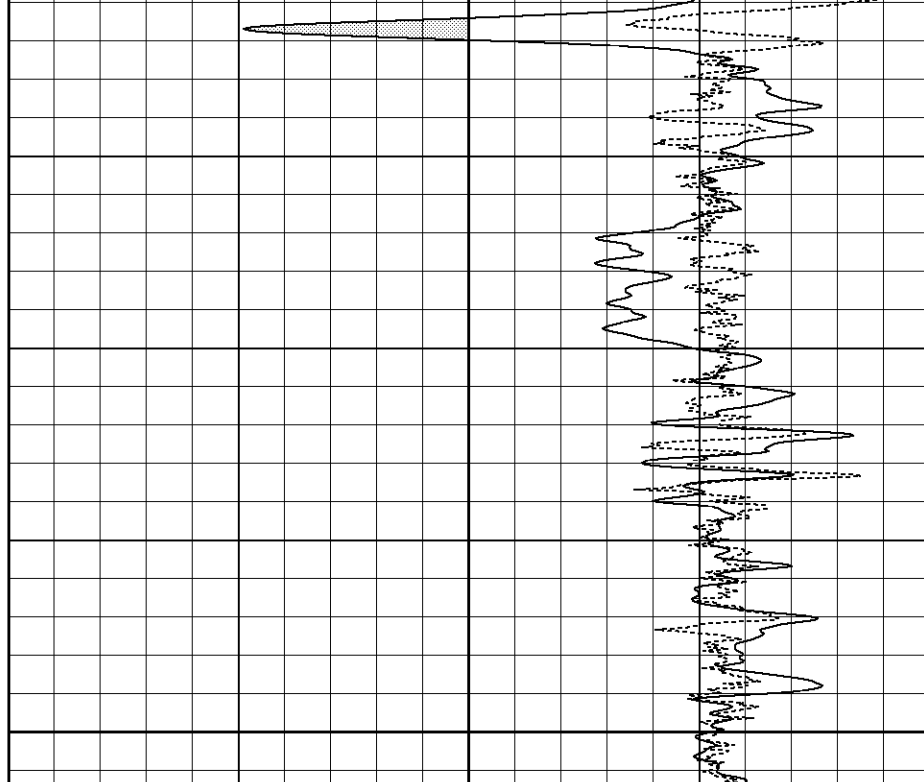
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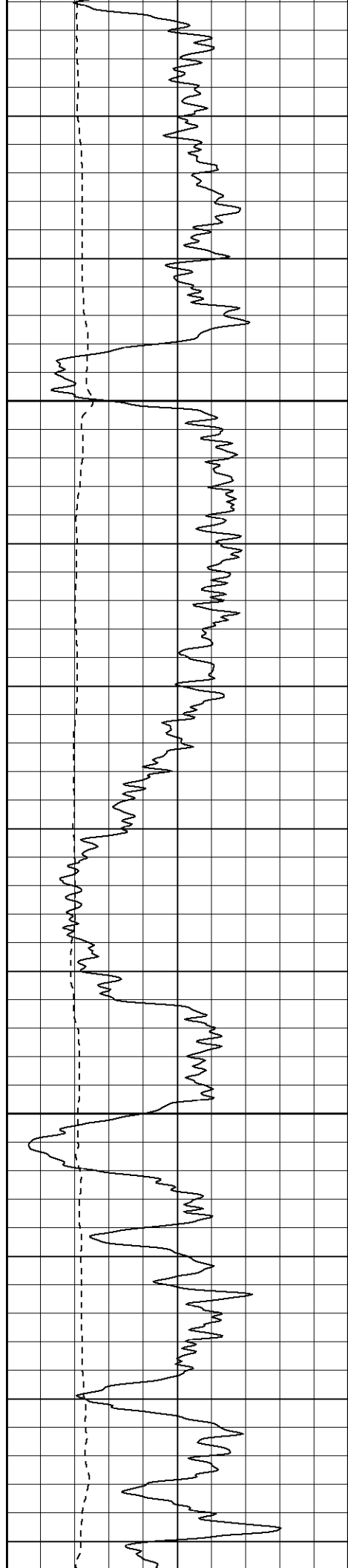
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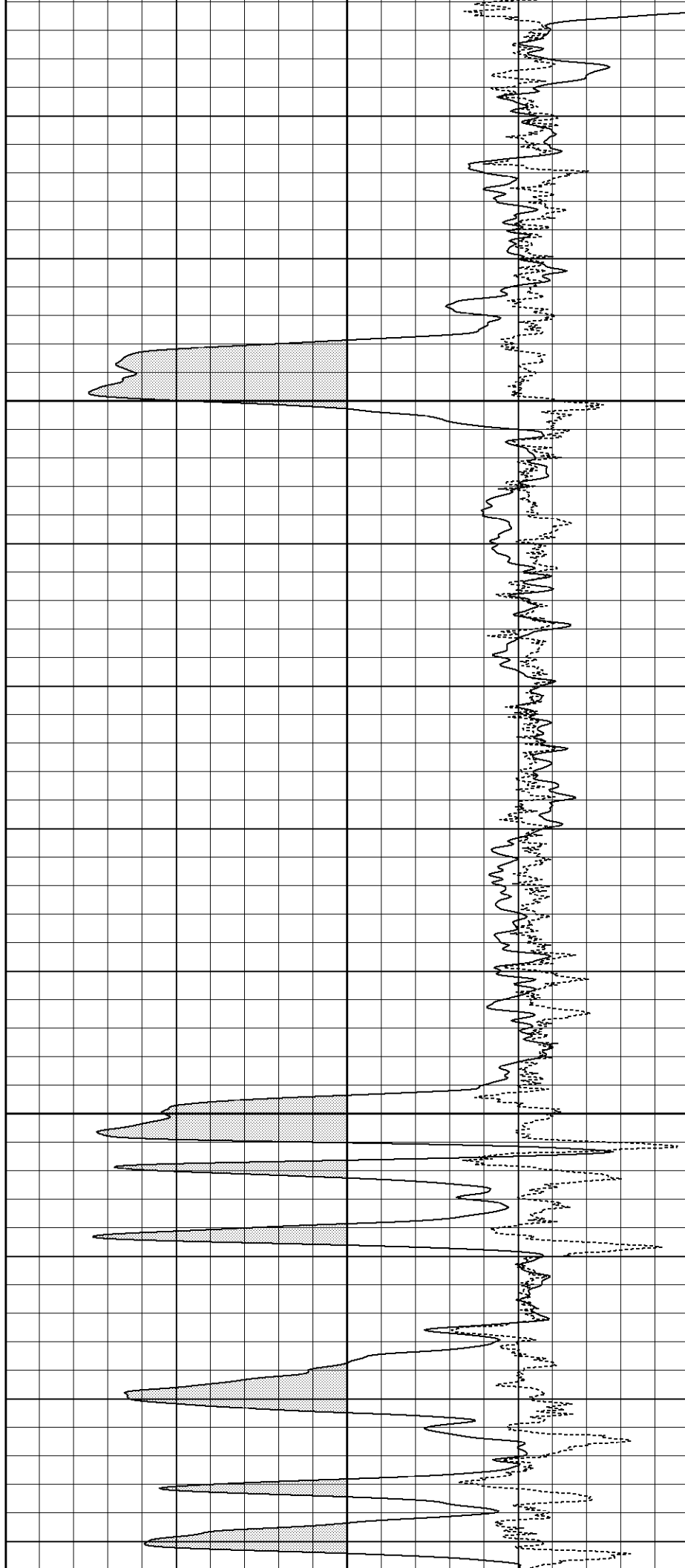
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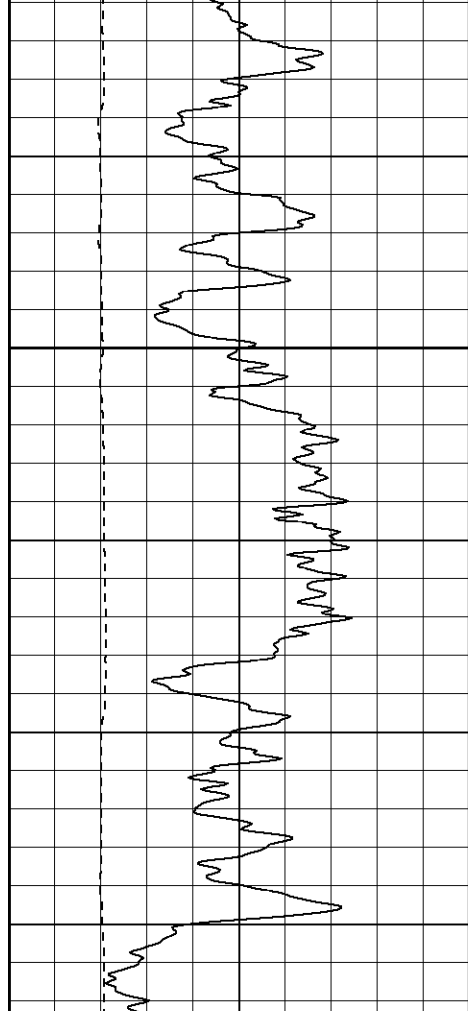




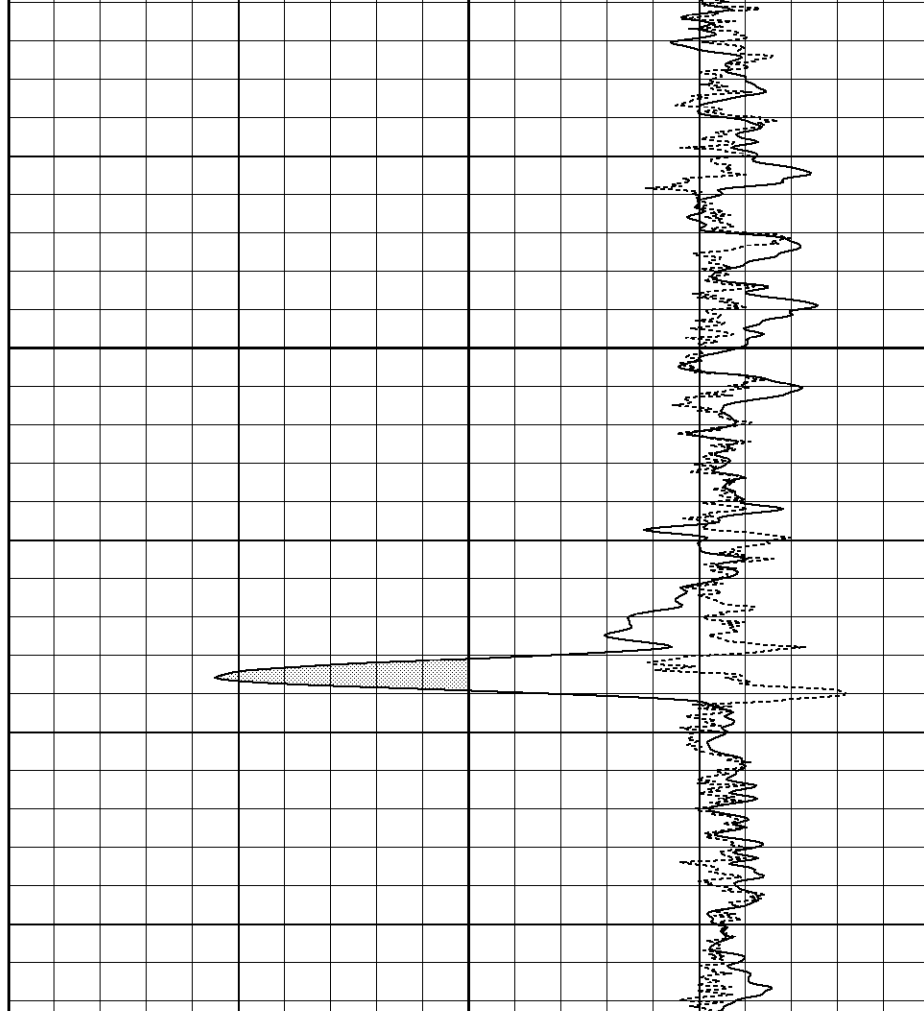
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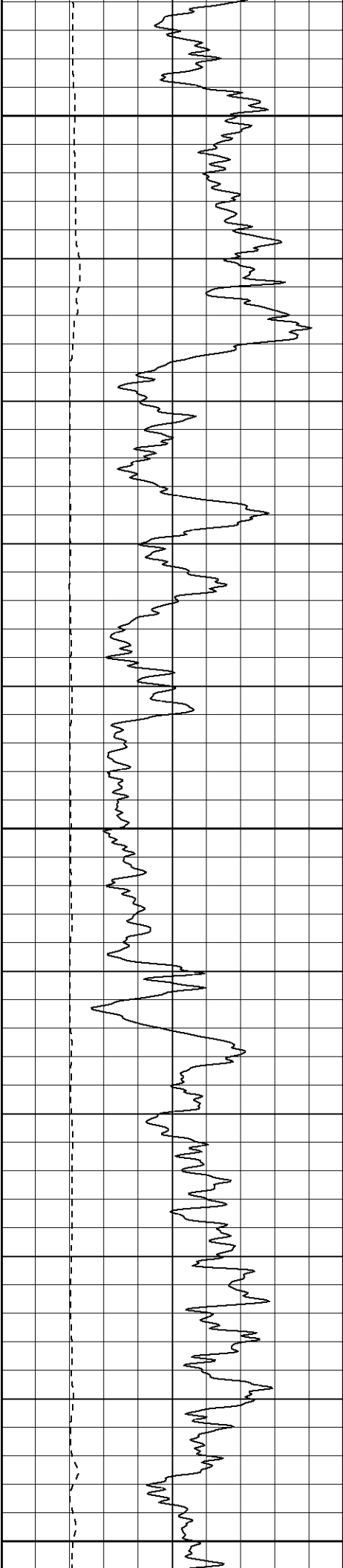
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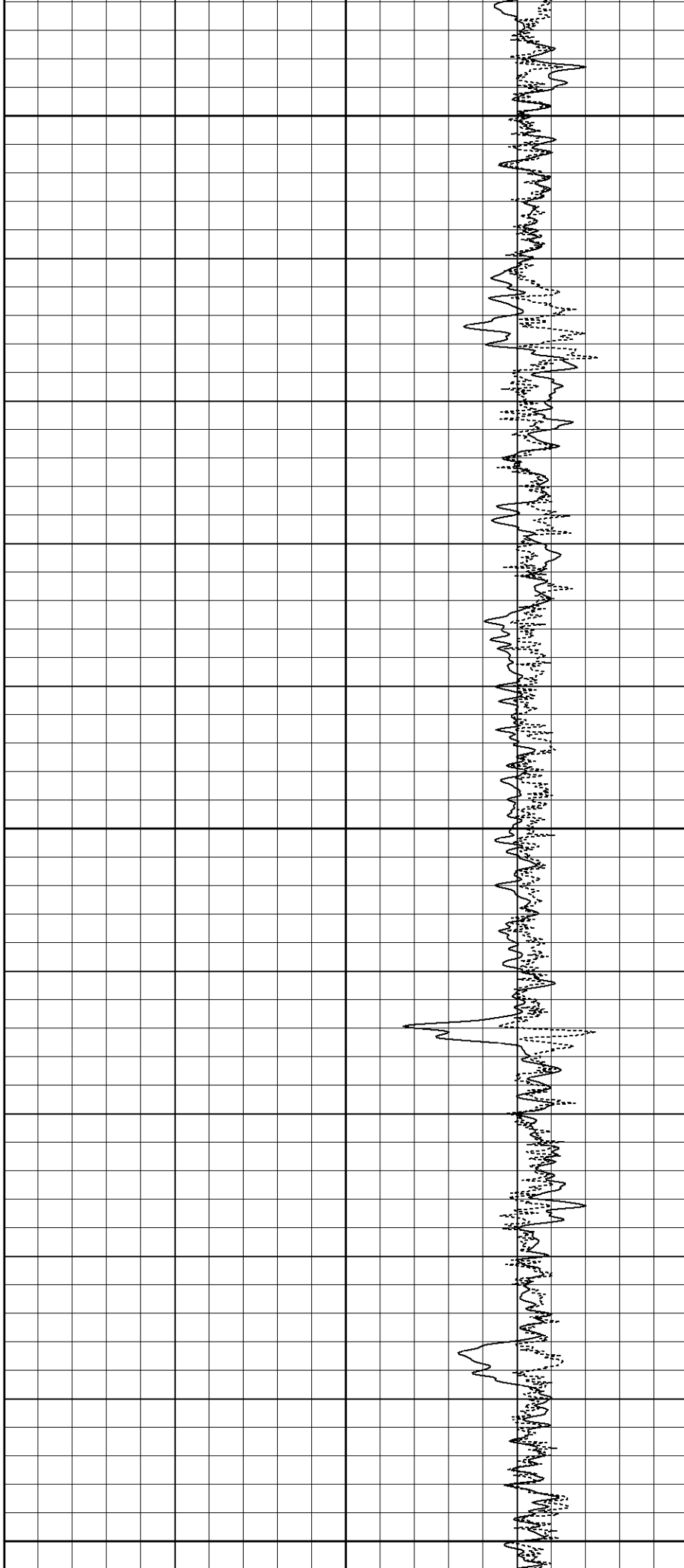


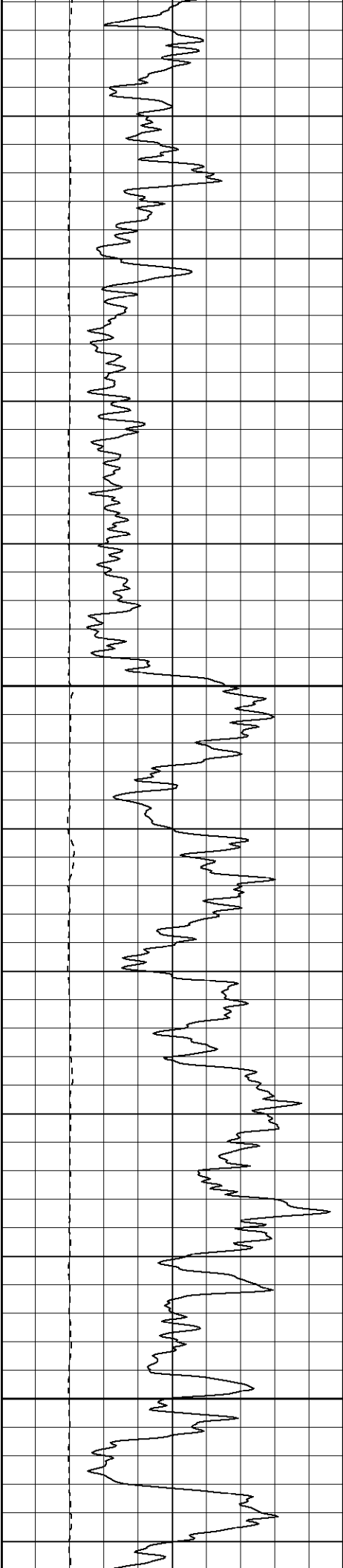


950

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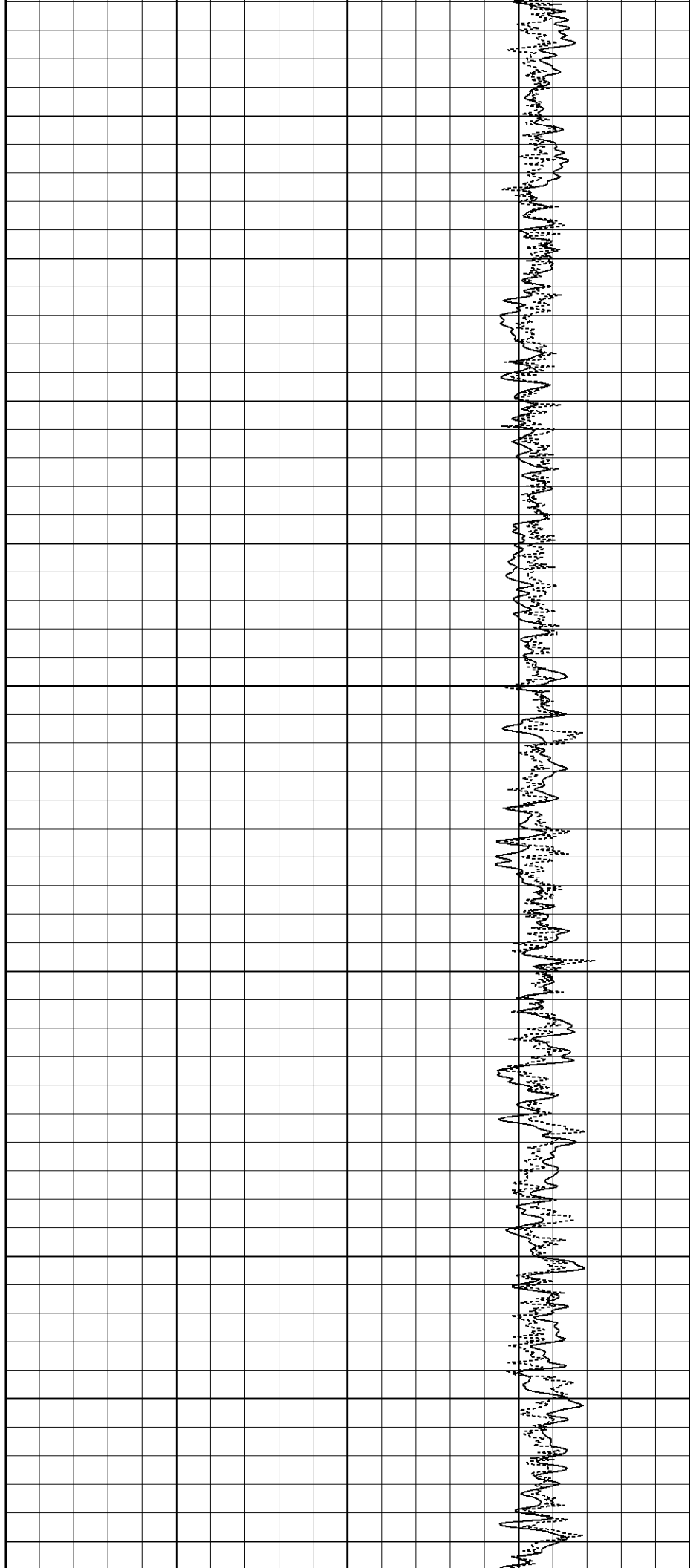
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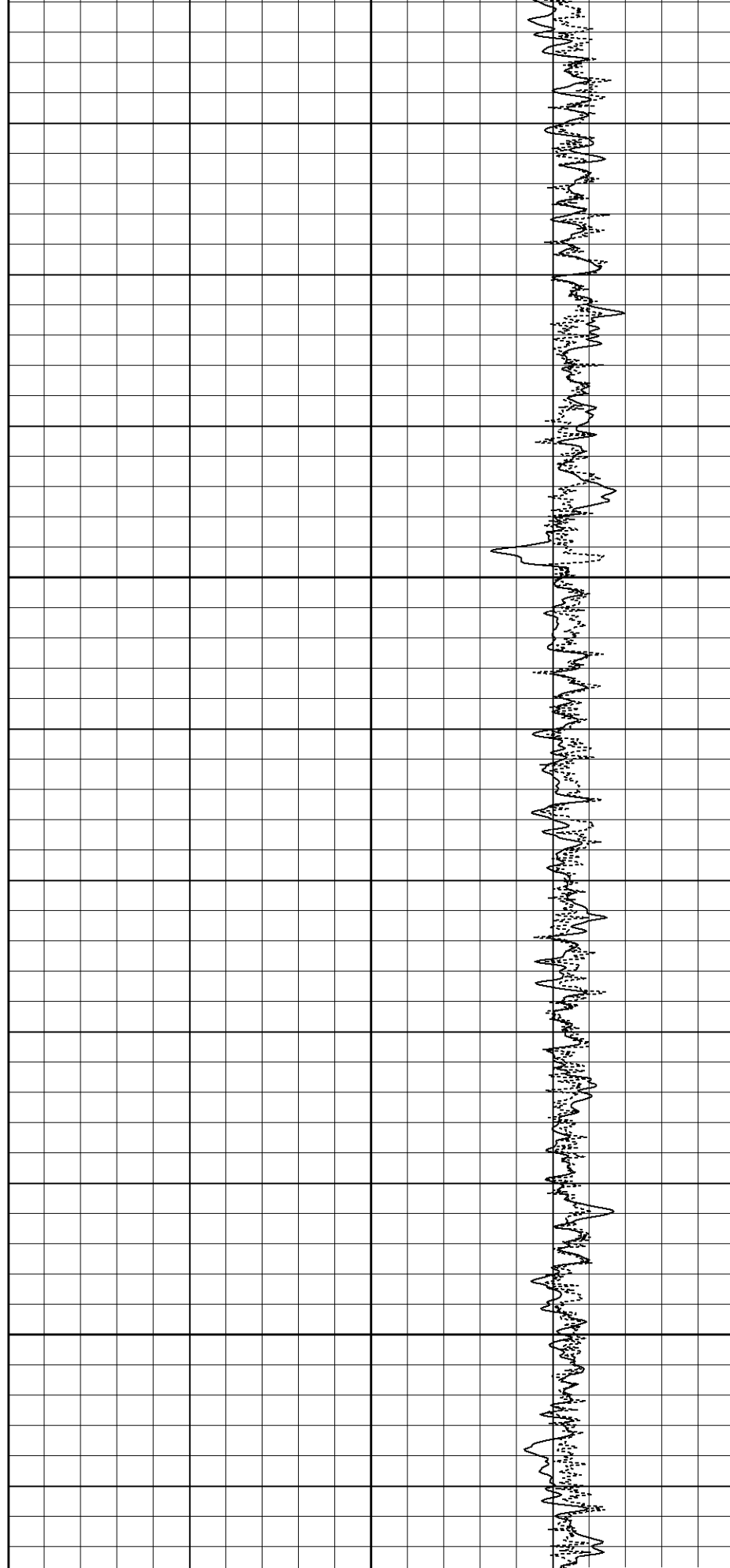
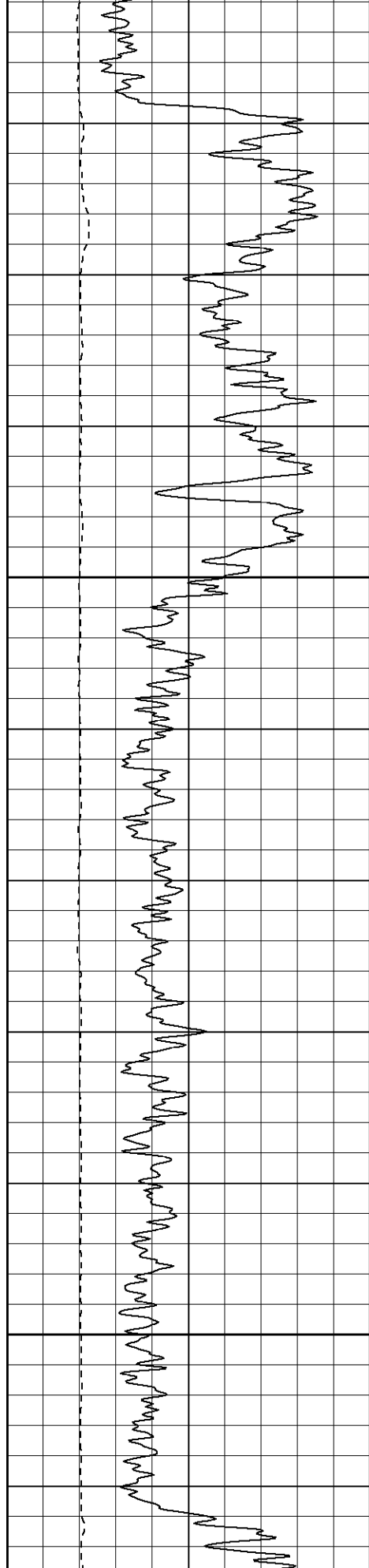


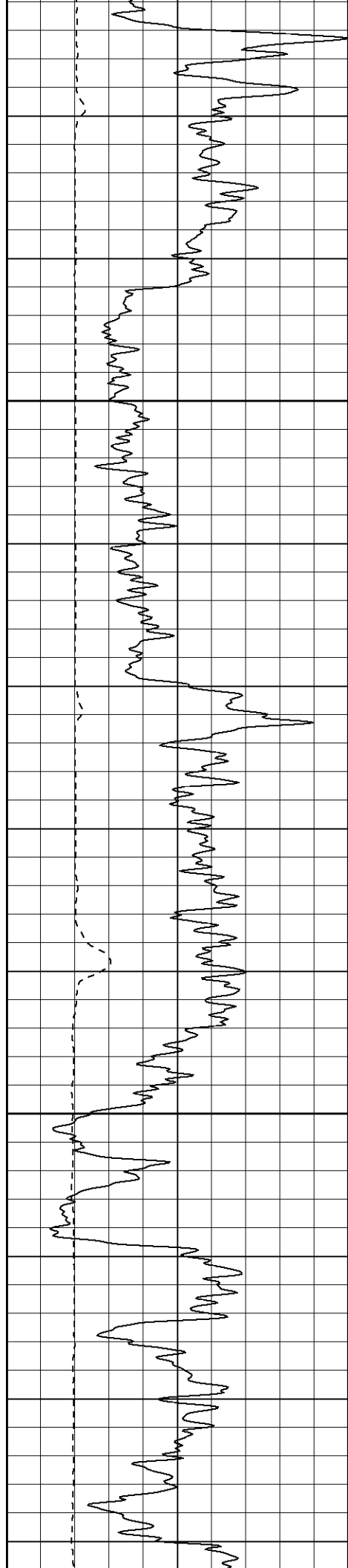


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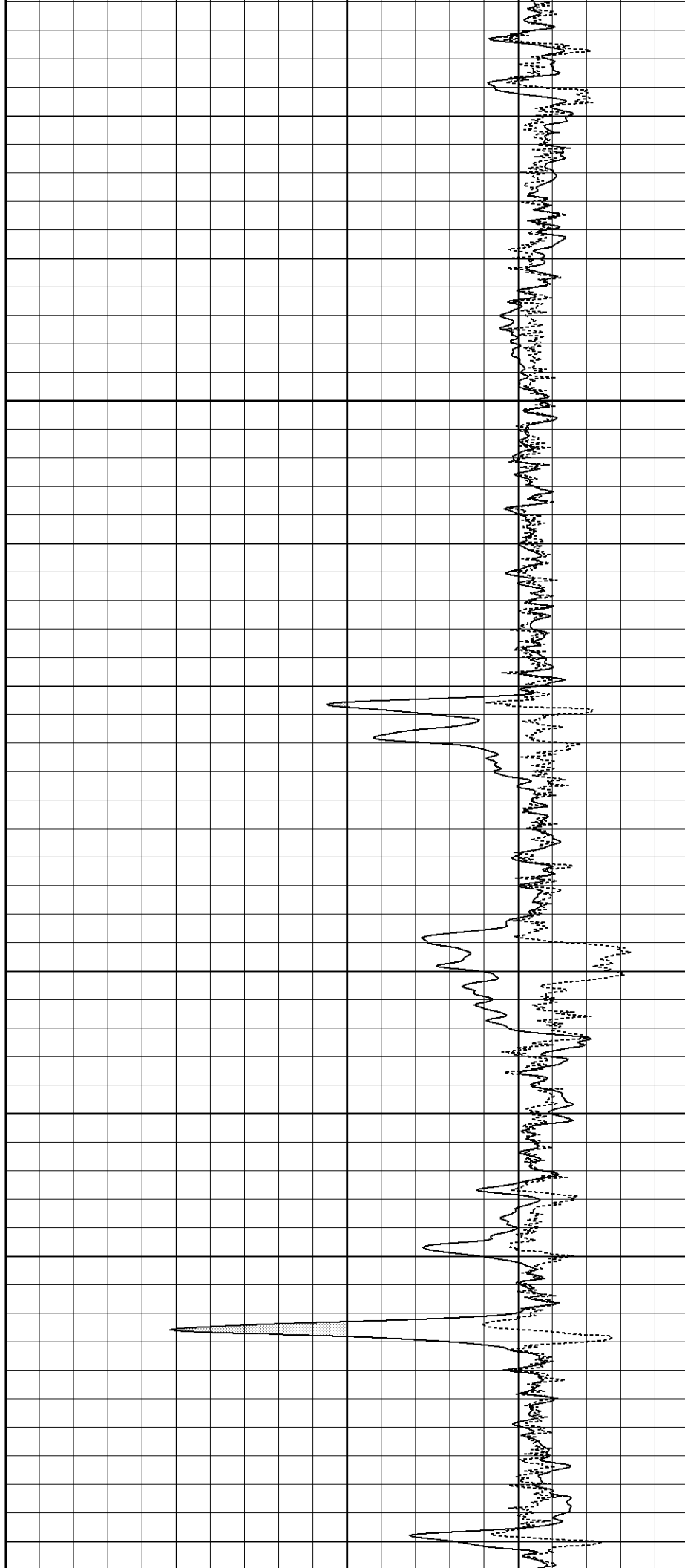


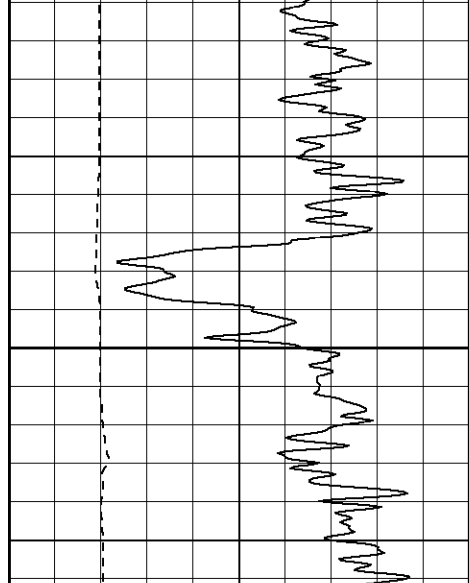




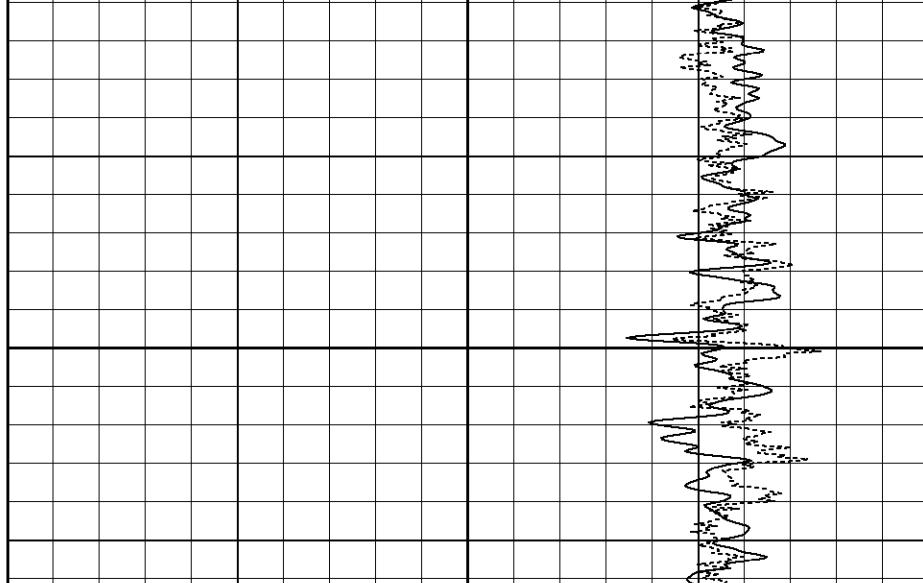
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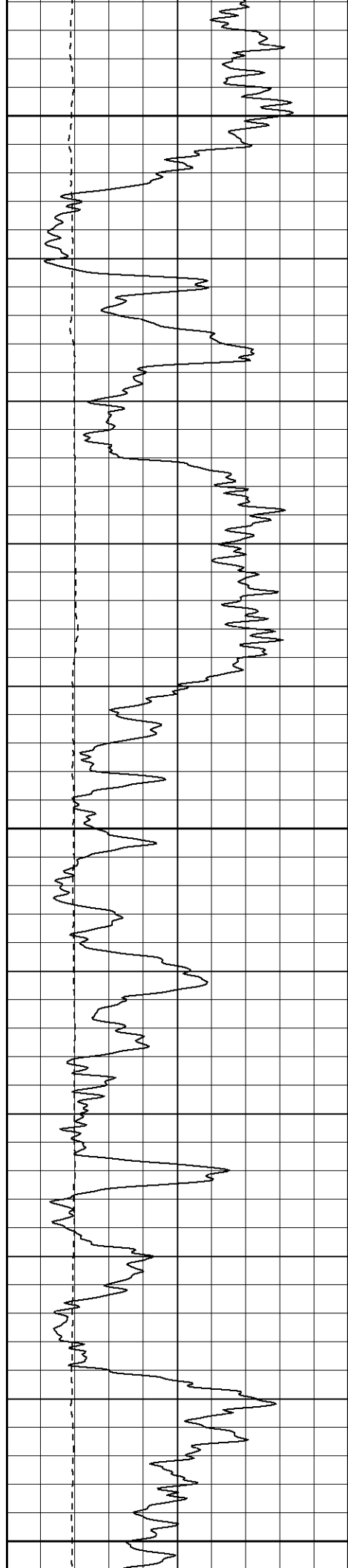
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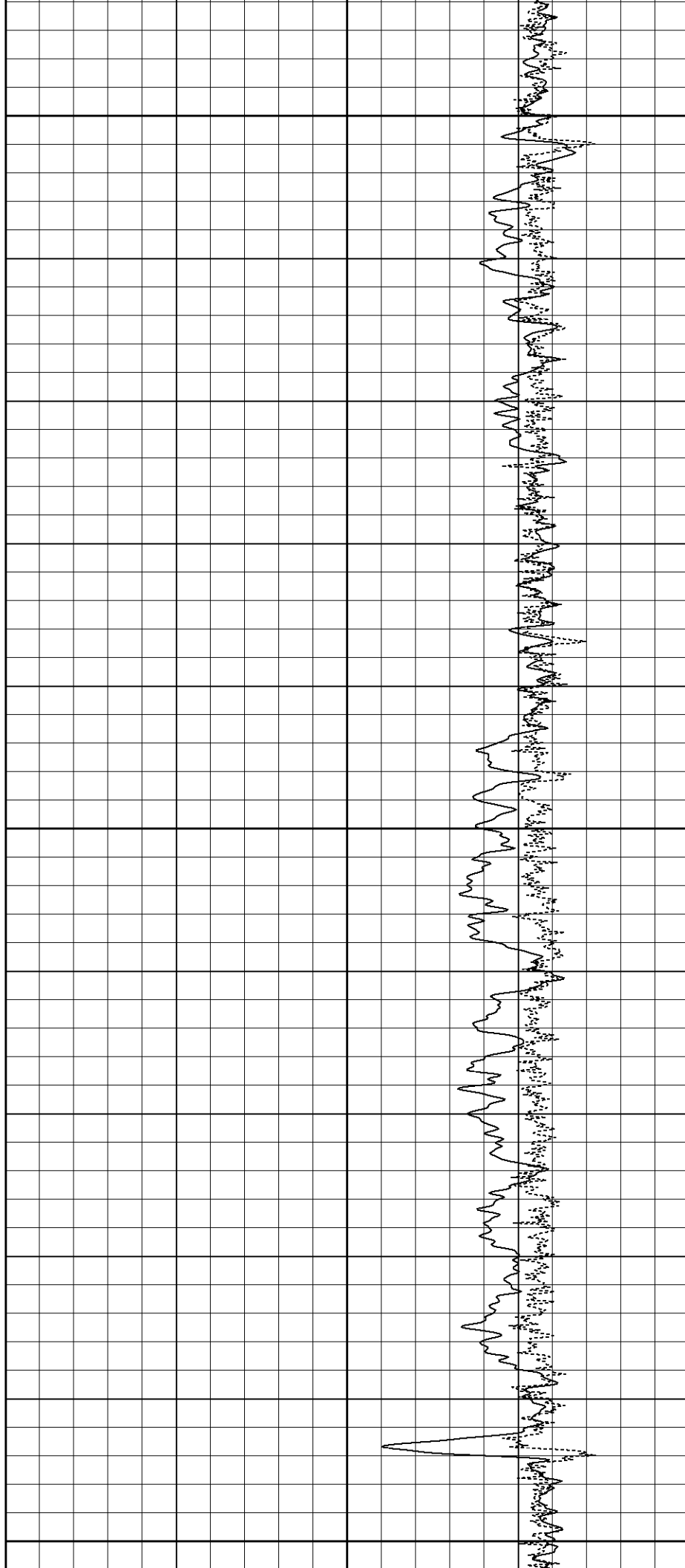


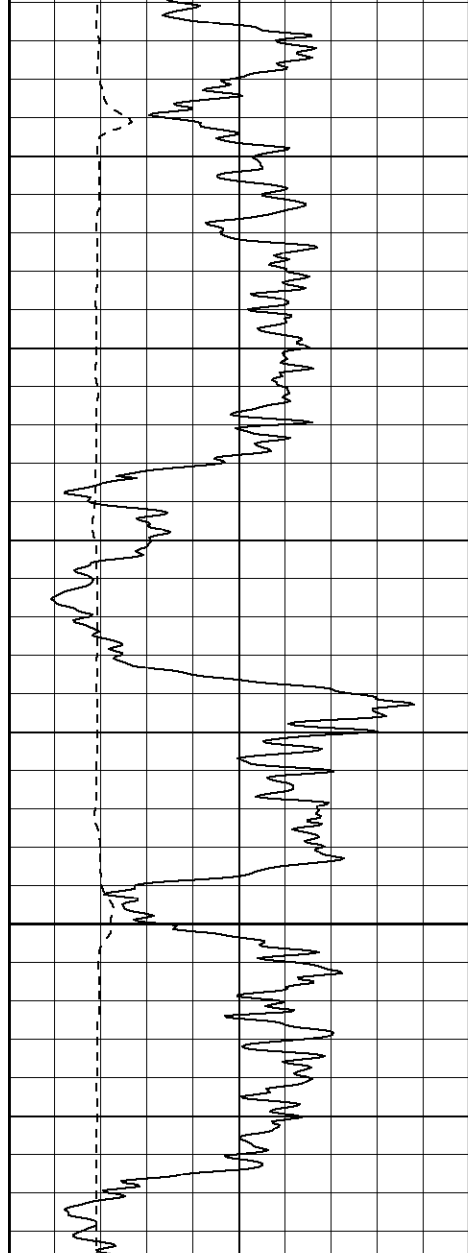


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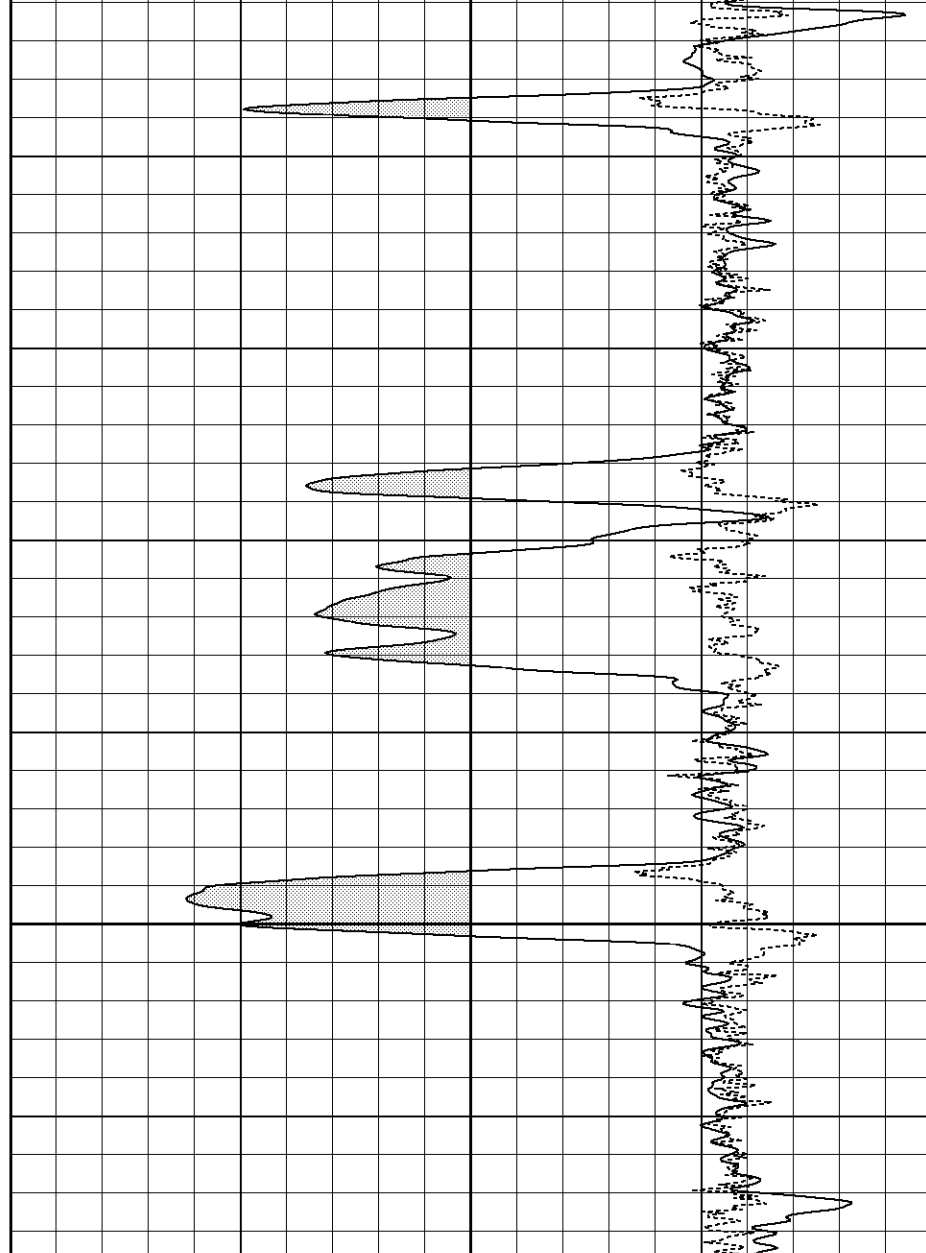
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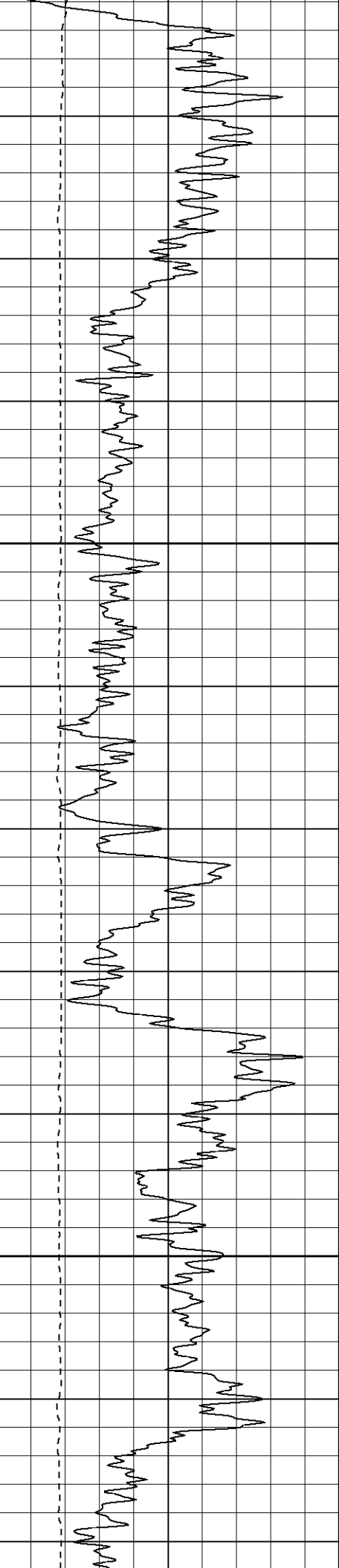
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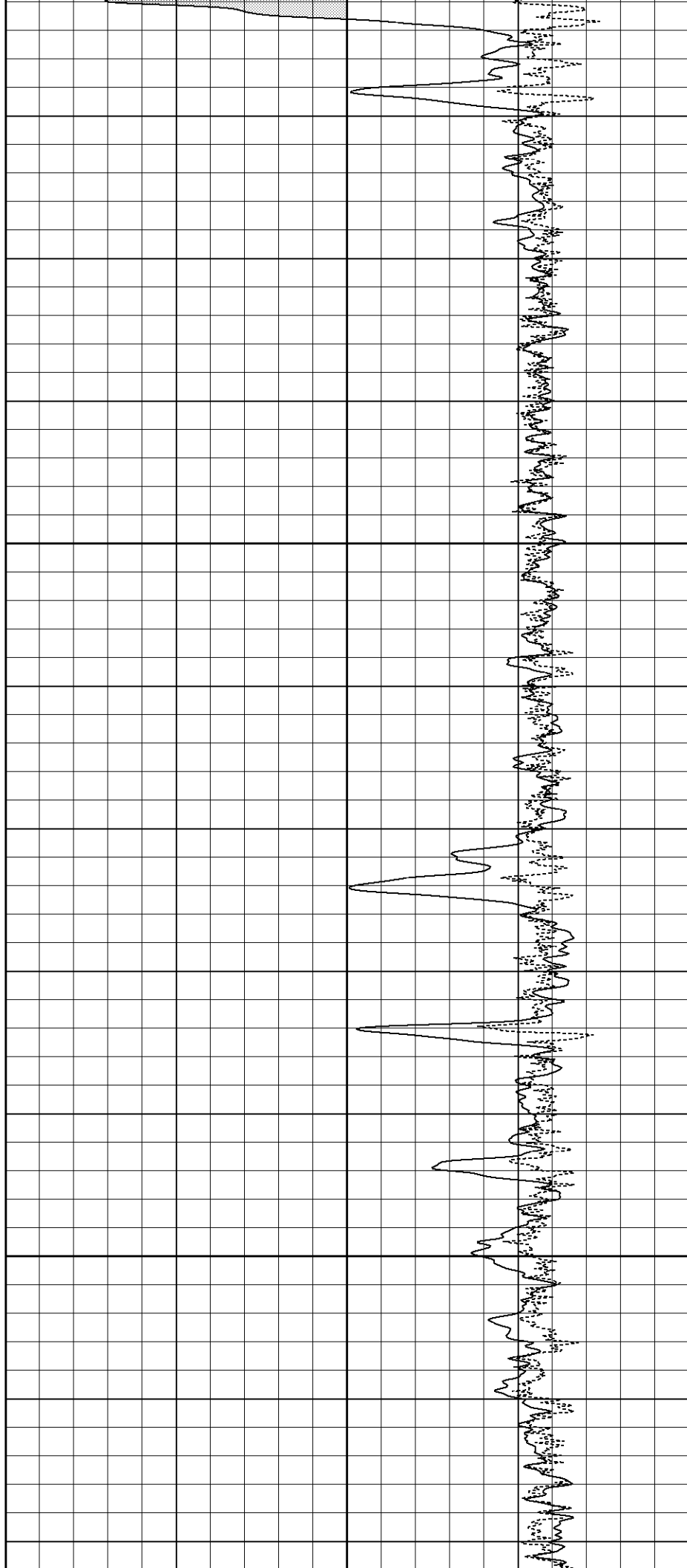
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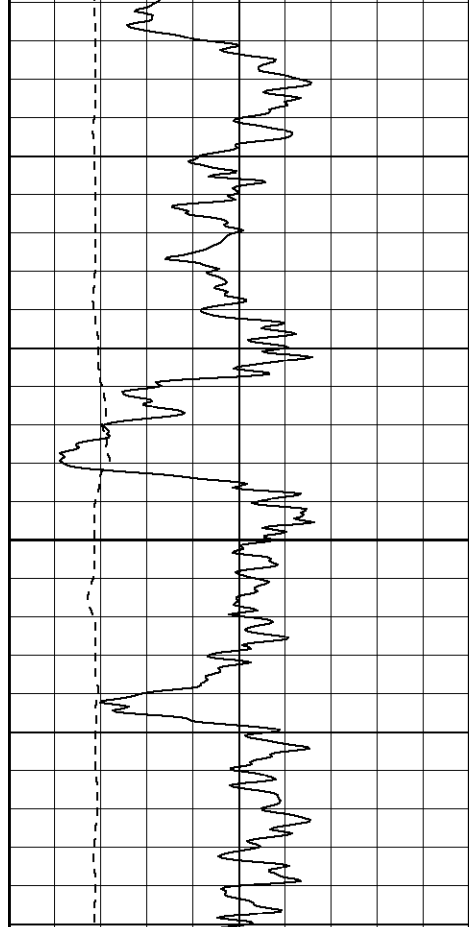




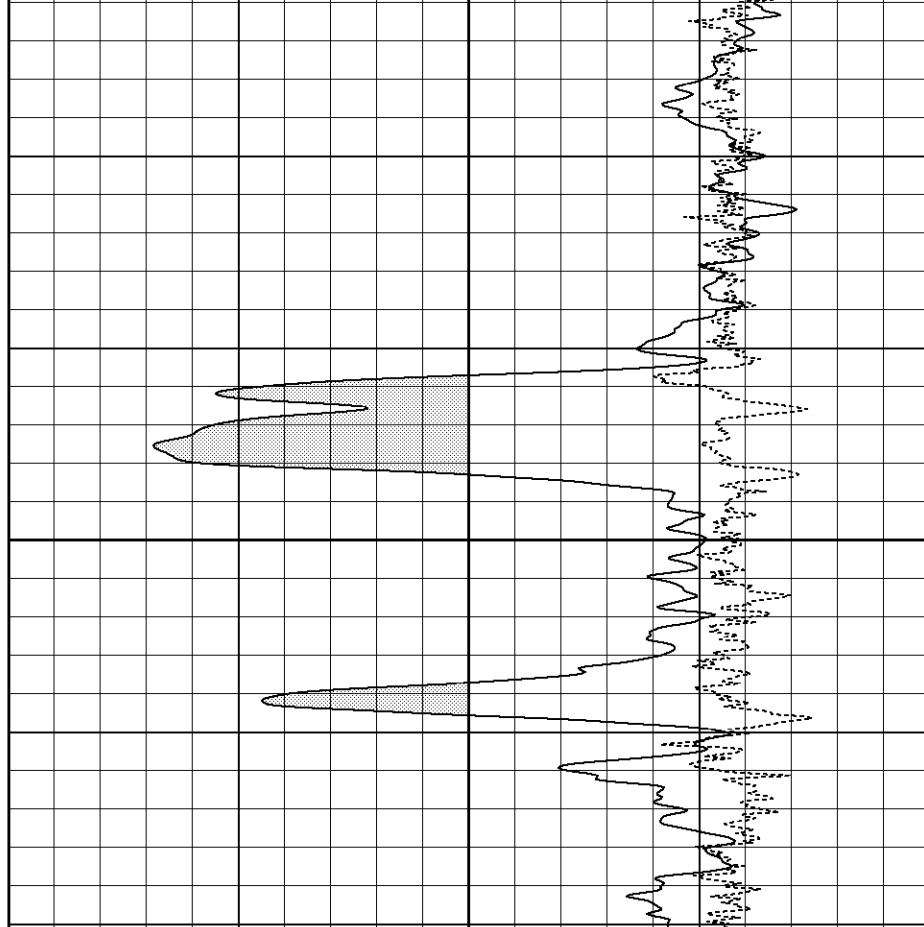
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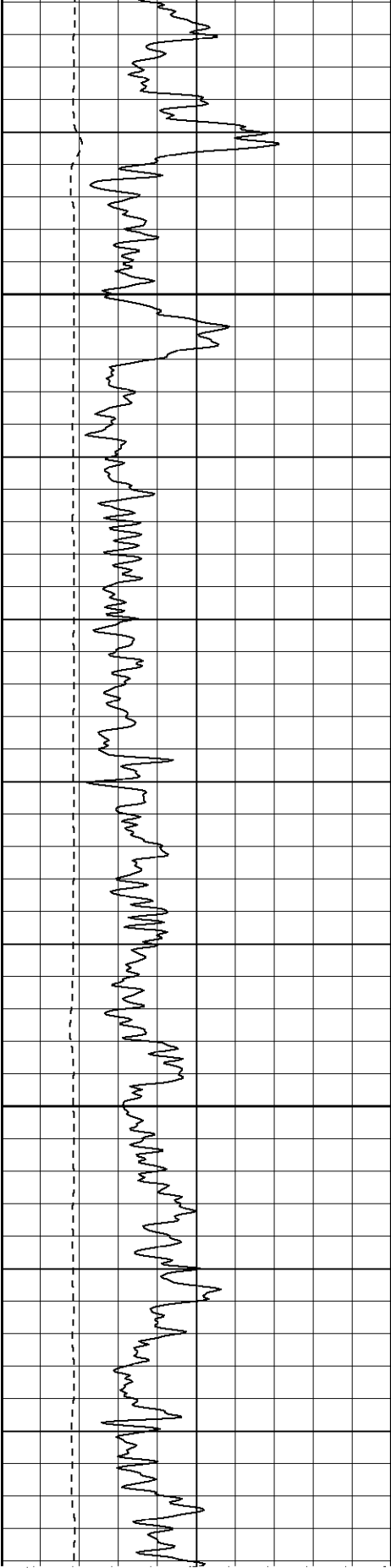
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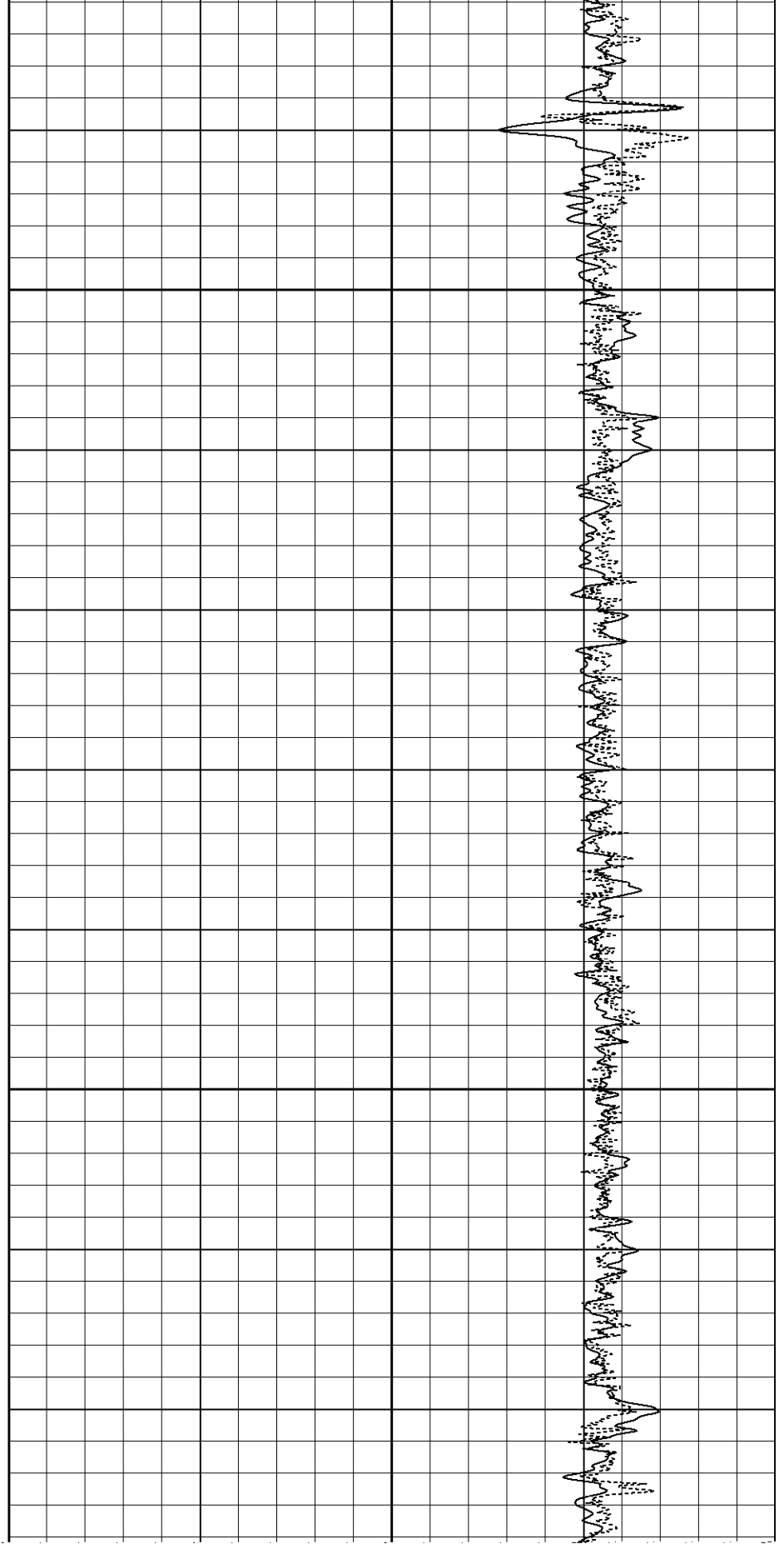
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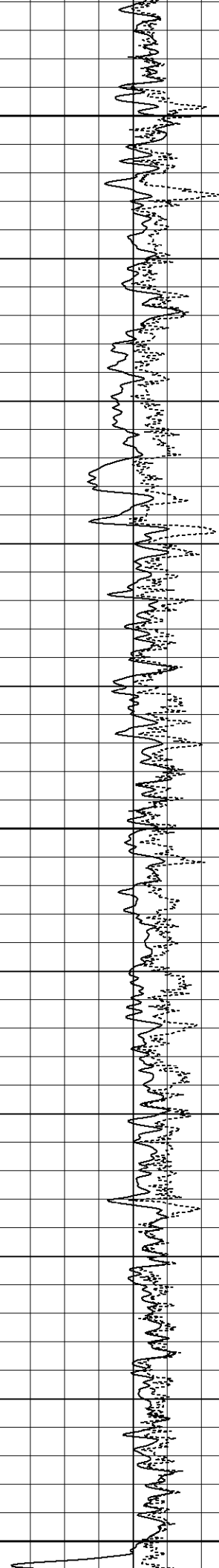
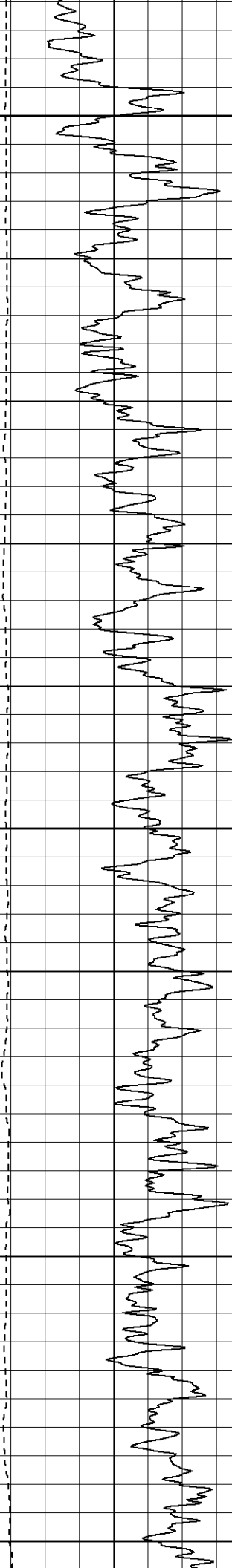
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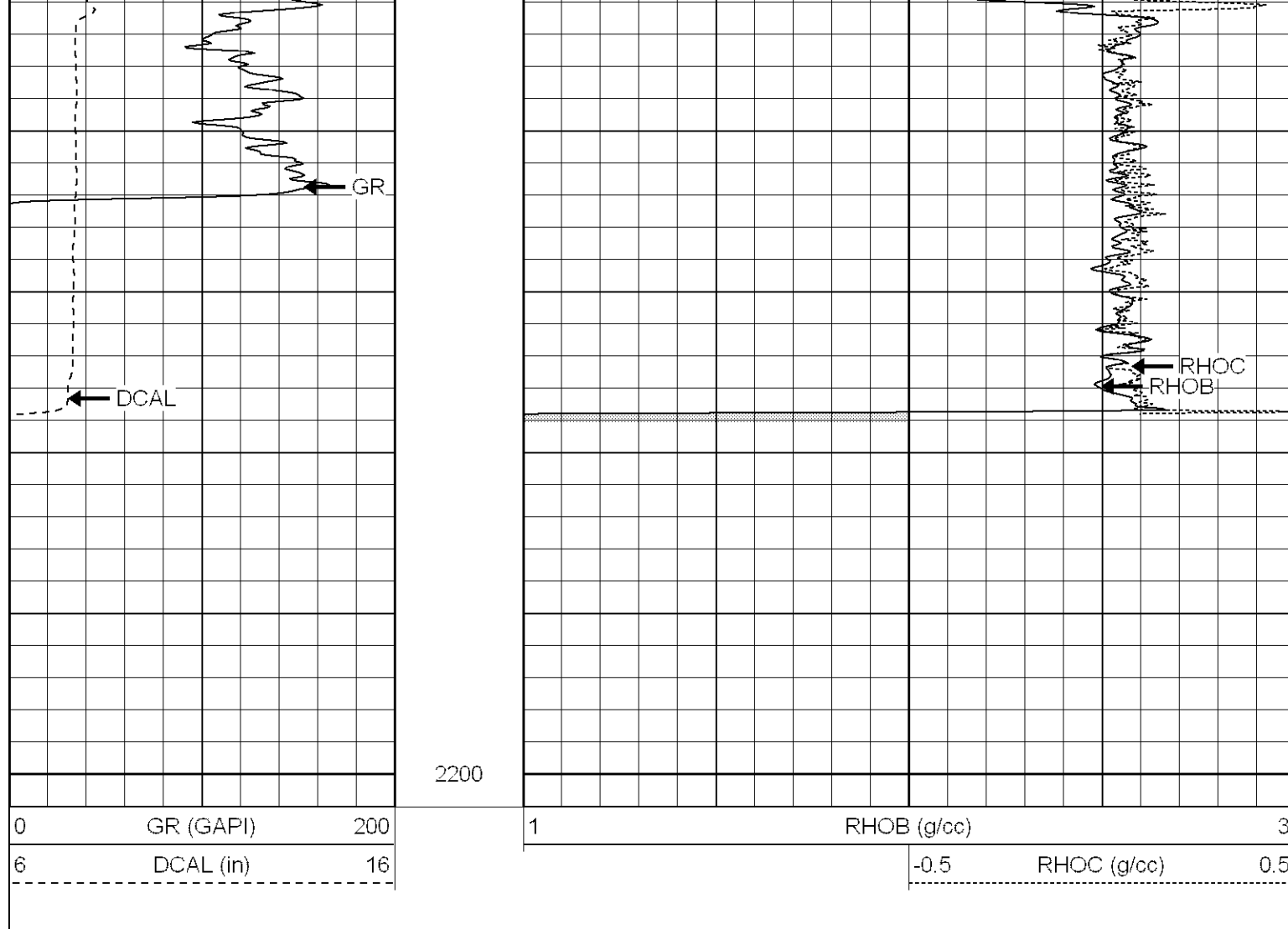


2050

2100

2150





| Dual Induction Calibration Report | | | | | | | | | | | |
|-----------------------------------|--------|---------|--------------------------|---------|---------|------------|---------|--------|---------|--|--|
| Serial-Model: | | | 5375-G | | | | | | | | |
| Surface Cal Performed: | | | Tue Aug 08 14:35:20 2006 | | | | | | | | |
| Downhole Cal Performed: | | | Wed Aug 09 02:35:58 2006 | | | | | | | | |
| | | | | | | | | | | | |
| Surface Calibration | | | | | | | | | | | |
| | | | Readings | | | References | | | Results | | |
| Loop: | Air | Loop | | Air | Loop | | m | b | | | |
| Deep | 0.007 | 0.626 | V | 0.000 | 500.000 | mmho-m | 807.722 | -5.990 | | | |
| Medium | 0.011 | 0.749 | V | 0.000 | 550.000 | mmho-m | 744.807 | -7.828 | | | |
| Internal: | Zero | Cal | | Zero | Cal | | m | b | | | |
| Deep | 0.007 | 0.626 | V | 0.000 | 500.000 | mmho-m | 808.280 | -5.940 | | | |
| Medium | 0.010 | 0.749 | V | 0.000 | 550.000 | mmho-m | 744.980 | -7.794 | | | |
| | | | | | | | | | | | |
| Downhole Calibration | | | | | | | | | | | |
| | | | Readings | | | References | | | Results | | |
| Internal: | Zero | Cal | | Zero | Cal | | m | b | | | |
| Deep | 0.025 | 500.232 | mmho-m | -0.054 | 499.601 | mmho-m | 0.999 | -0.079 | | | |
| Medium | -0.182 | 550.455 | mmho-m | -0.036 | 549.836 | mmho-m | 0.999 | 0.145 | | | |
| Shallow | 2.510 | 0.017 | V | 500.000 | 2.000 | Ohm-m | 149.001 | -4.800 | | | |

Compensated Density Calibration Report

Serial-Model: 902-2.75POH
Source / Verifier: /
Master Calibration Performed: Mon Aug 07 09:58:44 2006

Master Calibration

| | Density | | Far Detector | Near Detector | |
|---------------------|---------|------|-----------------------------|---------------|-----|
| Magnesium | 1.710 | g/cc | 1017.78 | 494.16 | cps |
| Aluminum | 2.590 | g/cc | 182.34 | 245.43 | cps |
| Spine Angle = 67.85 | | | Density/Spine Ratio = 0.474 | | |
| | Size | | Reading | | |
| Small Ring | 8.10 | in | 1.84 | V | |
| Large Ring | 17.00 | in | 4.32 | V | |

Neutron Calibration Report

Serial Number: 802
Tool Model: 2.75POH
Performed: Fri Aug 04 11:22:00 2006

Calibrator Value: 1 NAPI

Calibrator Reading: 1 cps

Sensitivity: 1 NAPI/cps

Gamma Ray Calibration Report

Serial Number: 804
Tool Model: 2.75POH
Performed: Mon Aug 07 03:32:00 2006

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps

Calibrator Reading: 1.0 cps

Sensitivity: 0.8000 GAPI/cps

| Sensor | Offset (ft) | Schematic | Description | Len (ft) | OD (in) | Wt (lb) |
|--------|-------------|-----------|---------------------------------------|----------|---------|---------|
| CHD | 39.37 | | None | 0.75 | 1.50 | 5.00 |
| GR | 37.64 | | GR-2.75POH (804) Probe | 3.73 | 2.75 | 43.00 |
| NEU | 32.10 | | NEU-2.75POH (802) Probe Epithermal | 4.75 | 2.75 | 58.00 |
| | | | CDL-2.75POH (902) Probe | 8.43 | 2.75 | 106.00 |

[illegible]