

| | | | | | | | | |
|--------------|------------|------------|-------------|------------|------------|------|----------|----------|
| Name | Arrive | Depart | Name | Arrive | Depart | Name | Arrive | Depart |
| | Wellsite | Wellsite | | Wellsite | Wellsite | | Wellsite | Wellsite |
| Alain Atemoh | 2017-07-01 | 2017-07-05 | John Bryson | 2017-07-01 | 2017-07-05 | | | |

Mud Properties Record

| Date / Time | Run No. | Measured Depth (ft) | Mud Type | Density (ppg) | Viscosity (cP) | pH | Fluid Loss (cm3) | Oil / Water | Source | Total Chlorides (ppm) | K+ (%) |
|------------------|---------|---------------------|----------------------|---------------|----------------|-----|------------------|-------------|---------|-----------------------|--------|
| 2017-06-30 21:00 | 2 | 1754.00 | Diesel-Oil Based Mud | 10.1 | 16 | N/A | 11.4 | 77/23 | Suction | 37000 | 0.00 |
| 2017-07-01 20:00 | 2 | 1754.00 | Diesel-Oil Based Mud | 9.8 | 15 | N/A | 11.4 | 77/23 | Suction | 37000 | 0.00 |
| 2017-07-02 19:30 | 2 | 6964.79 | Diesel-Oil Based Mud | 9.6 | 12 | N/A | 9.6 | 78/22 | Suction | 37000 | 0.00 |
| 2017-07-03 19:00 | 2 | 10545.18 | Diesel-Oil Based Mud | 10.0 | 22 | N/A | 9.4 | 76/24 | Suction | 37500 | 0.00 |
| 2017-07-04 20:00 | 2 | 14700.09 | Diesel-Oil Based Mud | 10.1 | 17 | N/A | 9.5 | 74/26 | Suction | 36000 | 0.00 |

Equipment and Service Data

| Run No. | Tool | Serial Number | Measurement | Sensor Offset (ft) | Bit Offset (ft) | Max O.D. (in) | Min I.D. (in) |
|---------|---------|---------------|----------------------|--------------------|-----------------|---------------|---------------|
| 2 | ATC_SU | 14186735 | Near Bit Inclination | 5.93 | 6.69 | 7.000 | 4.330 |
| 2 | ATC_SU | 14186735 | Near Bit VSS | 5.93 | 6.69 | 7.000 | 4.330 |
| 2 | ATC_MWD | 12441474 | Gamma (single) | 2.78 | 12.86 | 7.000 | 3.250 |
| 2 | ATC_MWD | 12441474 | Directional (mag) | 12.26 | 22.34 | 7.000 | 3.250 |

Service and Tool Mnemonics

| Mnemonic | Name | Description |
|----------|----------|-------------------------------|
| ATC_SU | ATC_SU | Auto Trak Curve Steering Unit |
| ATC_MWD | ATC_MWD | Auto Trak Curve MWD |
| ATC_LCPM | ATC_LCPM | Auto Trak Curve LCPM |

Comments

| | |
|---|--|
| 1 | Depth measurements obtained from a depth control system not supplied or operated by Baker Hughes. Due to lack of control by Baker Hughes logging engineers, depth calibrations and measurements could not be independently verified. |
| 2 | Baker Hughes LWD Run 2 utilized 6 3/4 inch NaviGamma services (Gamma Ray and Directional) behind an 8 1/2 inch bit and rotary steerable assembly from 1754 to 14700 feet MD (1738 to 7560 feet TVD). |


Remarks

| Number | Measured Depth (ft) | Hole Section (in) | Run No. | Remark |
|--------|---------------------|-------------------|---------|---|
| 1 | 1754.00 | 8.500 | 2 | Baker Hughes LWD began logging services at 1754 feet MD (1738 feet TVD) per client request. |
| 2 | 14687.00 | 8.500 | 2 | The interval from 14687 to 14700 feet MD (7560 feet TVD) was not logged due to sensor to bit offset at well TD. |

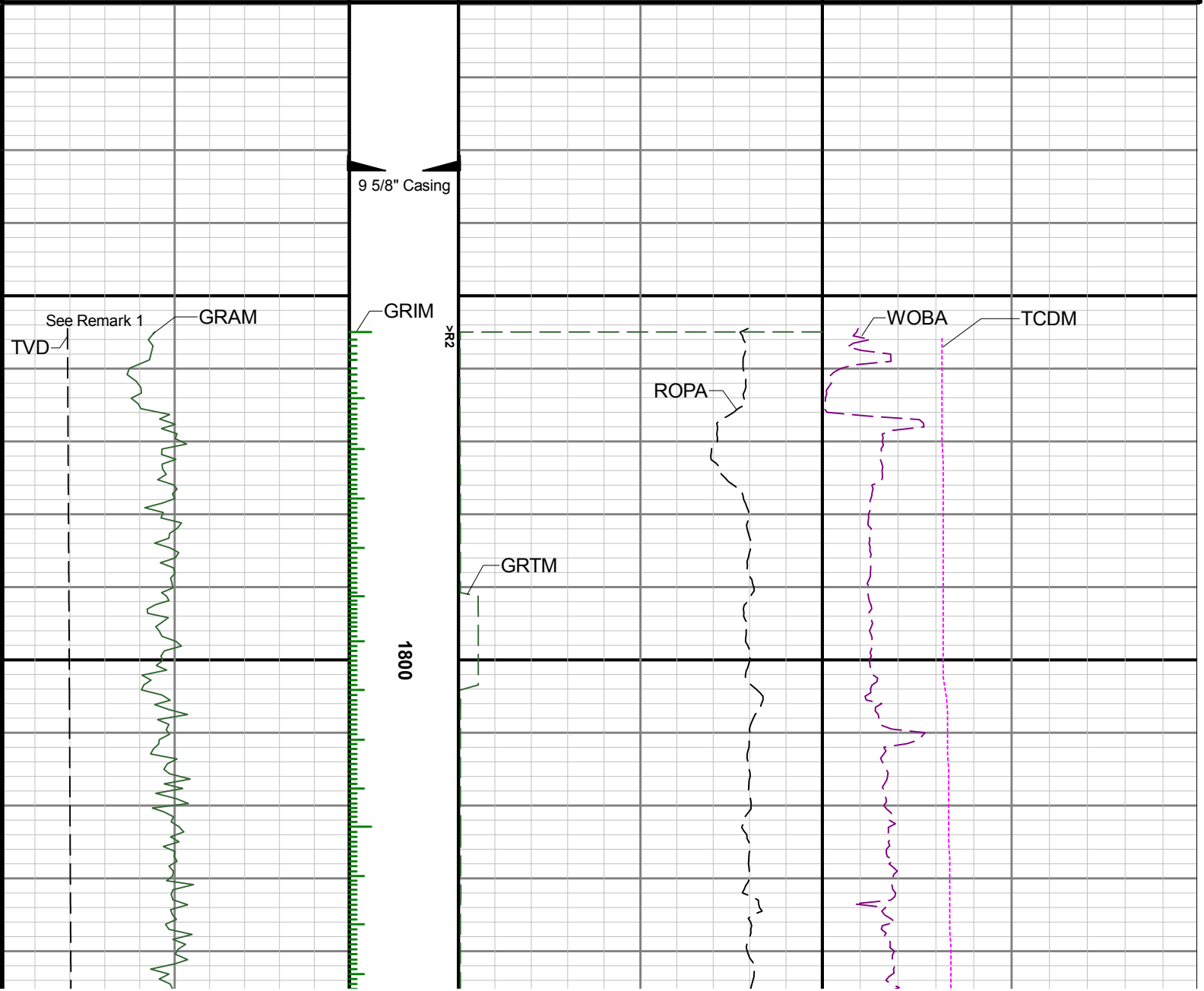
Curve Mnemonics

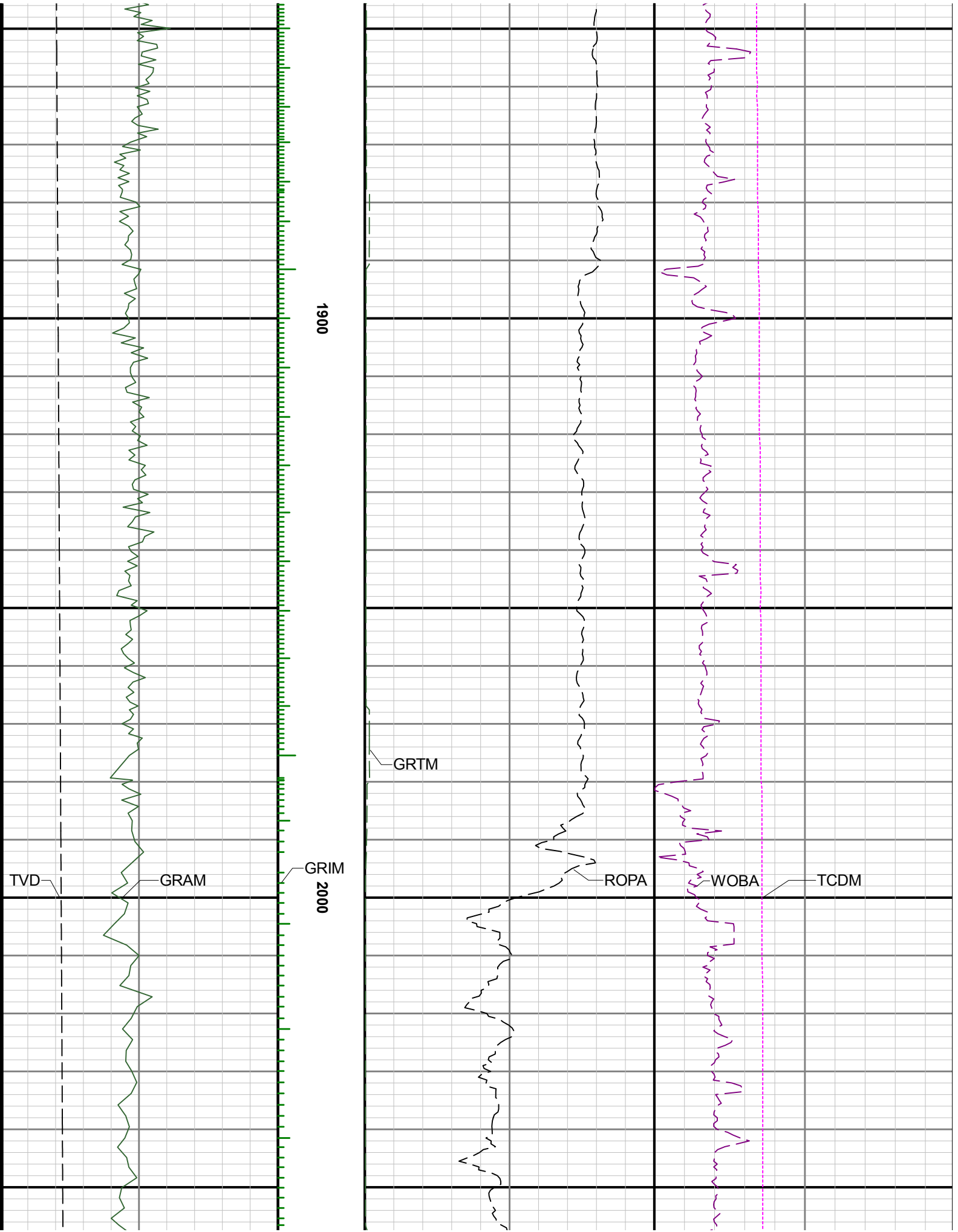
| Presented Curves | Description | Units |
|------------------|--|----------|
| ROPA | Depth Averaged ROP 3 ft Average | ft/h |
| TVD | True Vertical Depth | ft |
| WOBA | Weight On Bit, Average 1 ft Average | klb |
| GRAM | Gamma Ray - Apparent - Memory 0.5 ft Average | API |
| GRIM | Gamma Ray - Data Point Indicator - Memory | unitless |
| GRTM | Gamma Ray - Time Since Drilled - Memory | min |
| GRADM | Gamma Ray - Apparent - Down Quadrant - Memory 0.5 ft Average | API |
| GRAUM | Gamma Ray - Apparent - Up Quadrant - Memory 0.5 ft Average | API |

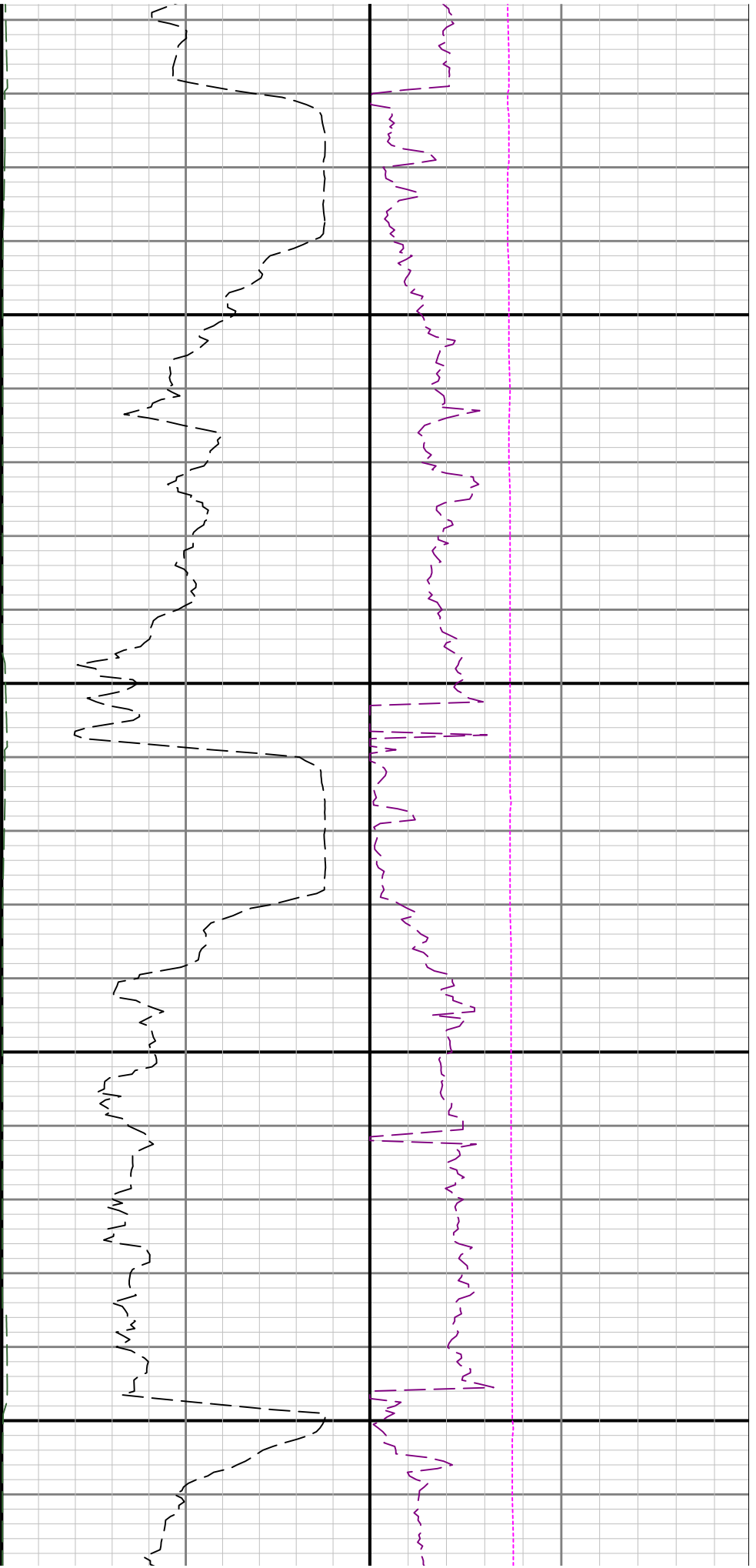
| | | |
|------|--|------|
| TCDM | Gamma Ray - Apparent - Up Quadrant - Memory 0.5 ft Average | degF |
| | Downhole Temperature | |

| | | |
|---|------------------------------|---------------------|
| <div> <div>  </div> <div> <div>Company</div> <div>Well</div> <div>Interval</div> <div>Created</div> </div> </div> | Verdad Oil & Gas Corporation | |
| | Homestead 15 | |
| | Date From: | 2017-05-31 07:20:50 |
| | Date To: | 2017-07-04 12:45:36 |
| | Top: | 1754.00 |
| | Bottom: | 14700.00 |
| | 2017-07-11 09:58:31 | |

| | | | |
|--|---------------|--|-----------------------------------|
| Gamma Ray Apparent 0.5 ft Average [GRAM] | MD 1:240 feet | Depth Averaged ROP 3 ft Average [ROPA] | Weight On Bit 1 ft Average [WOBA] |
| 0 250 | | 1200 0 | 0 50 |
| API | | ft/h | klb |
| Gamma Ray Apparent UP 0.5 ft Average [GRAUM] | | Time Since Drilled [GRTM] | Downhole Temperature [TCDM] |
| 0 250 | | 0 600 | 0 300 |
| API | | min | degF |
| Gamma Ray Apparent DOWN 0.5 ft Average [GRADM] | | | |
| 0 250 | | | |
| API | | | |
| True Vertical Depth [TVD] | | | |
| 0 9000 | | | |
| ft | | | |

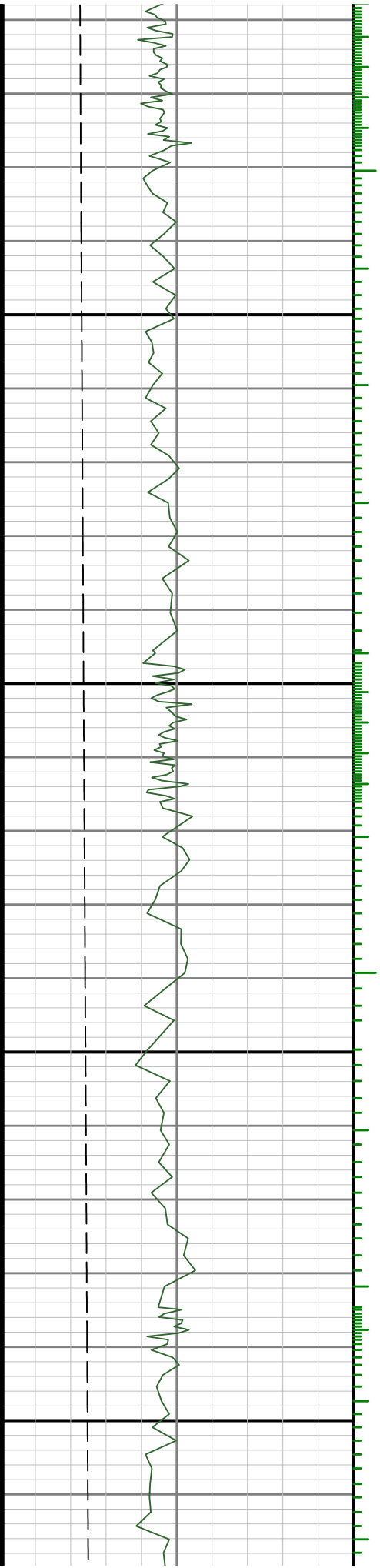


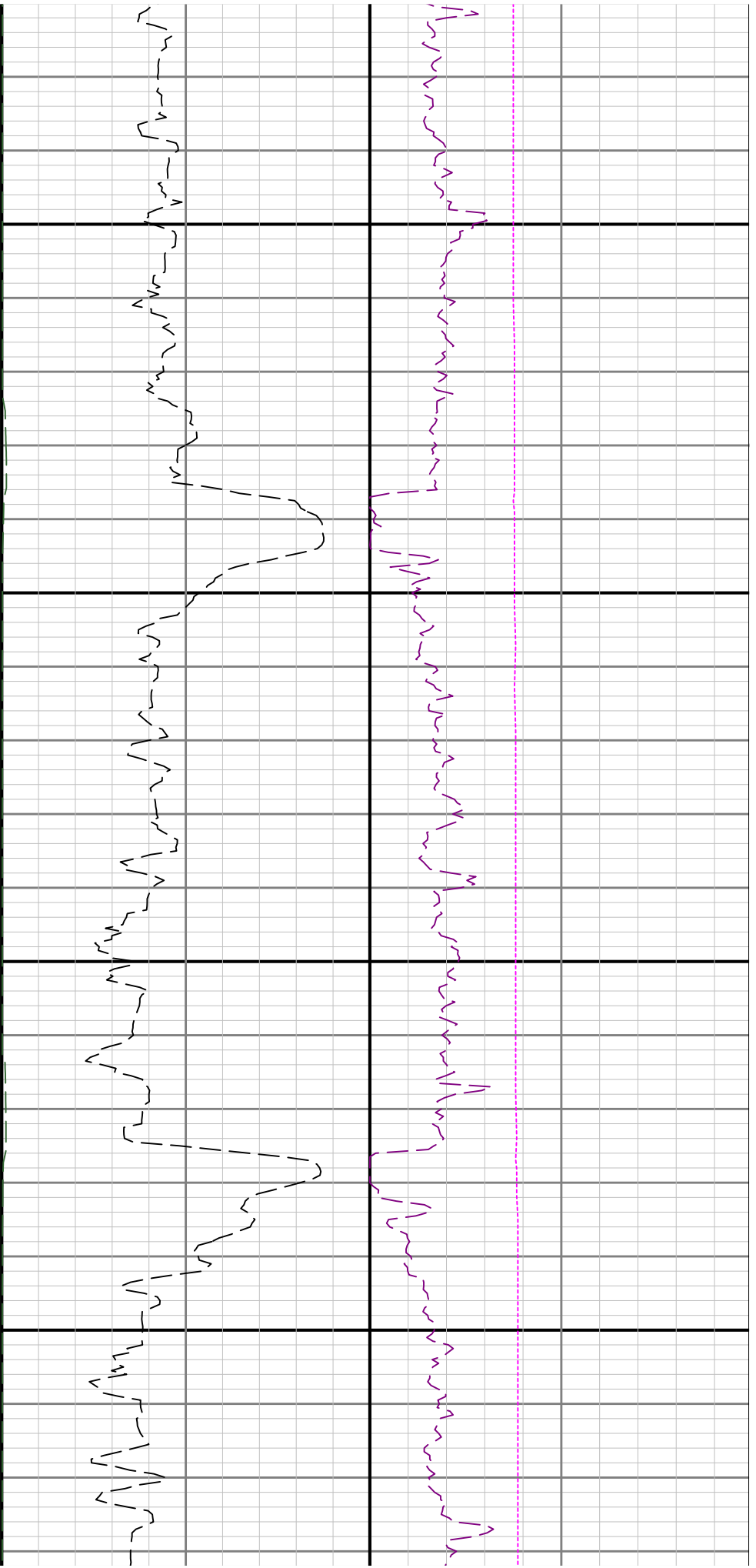




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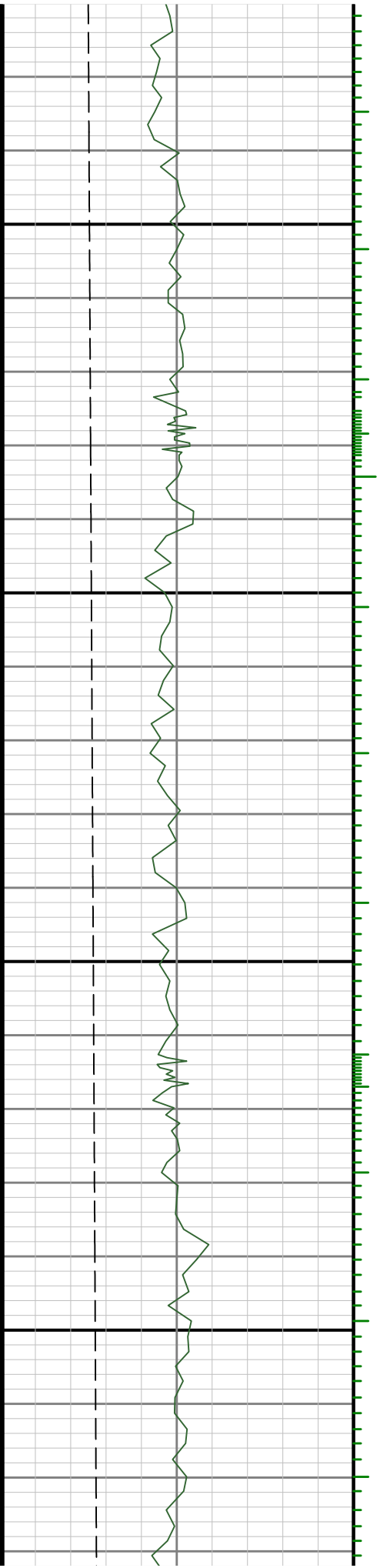
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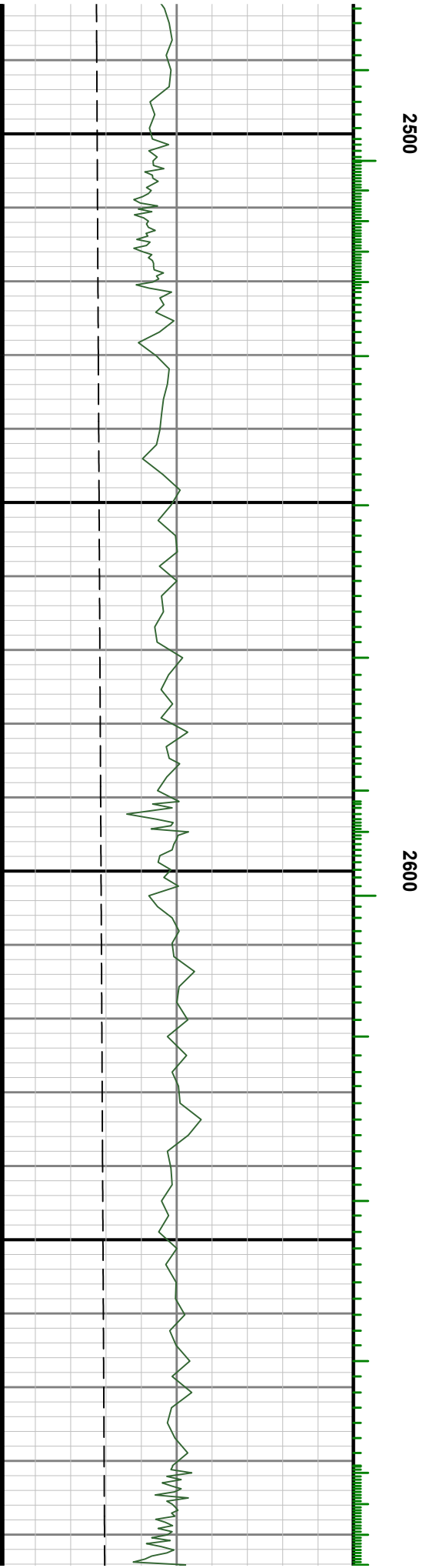
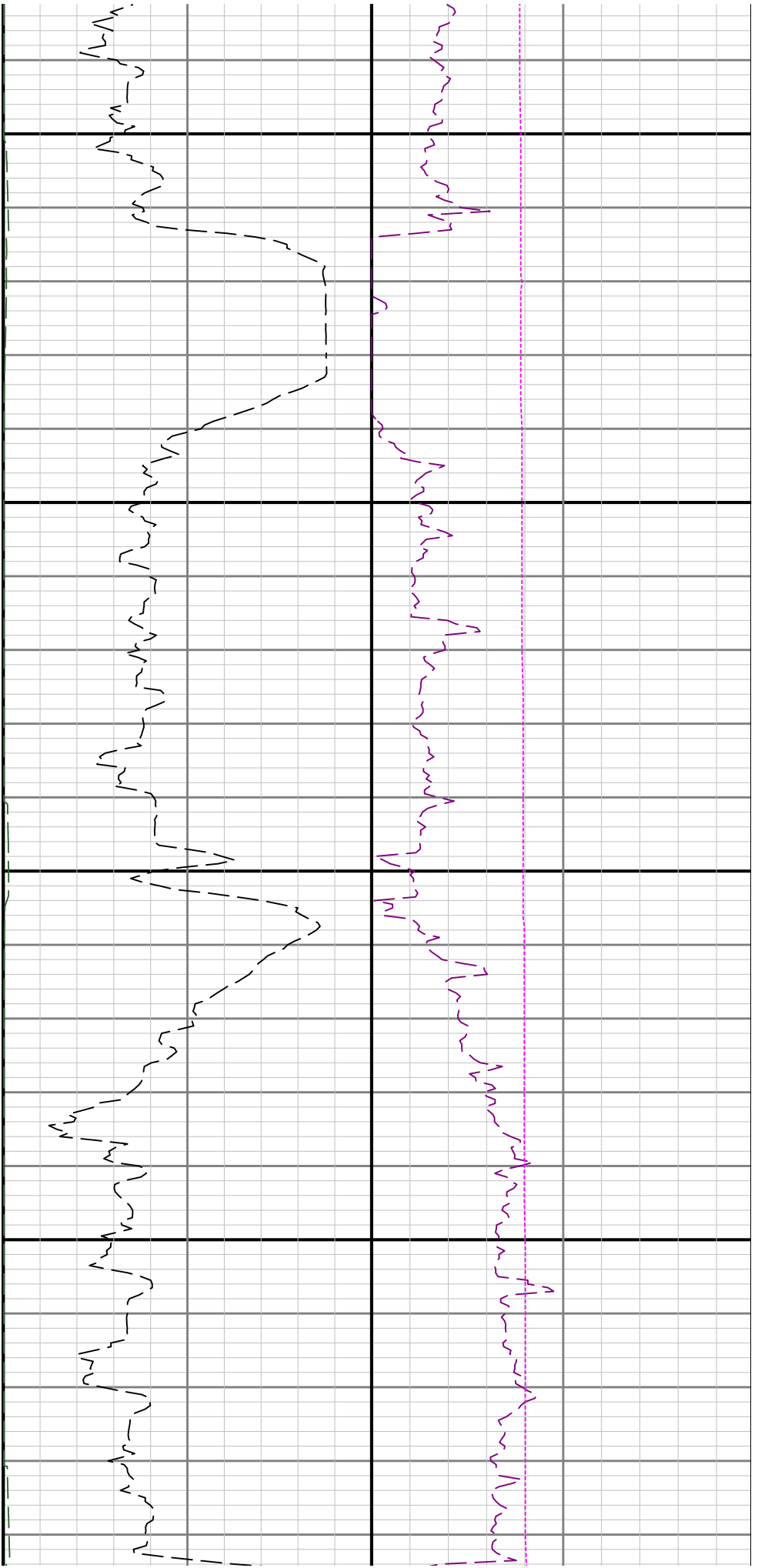


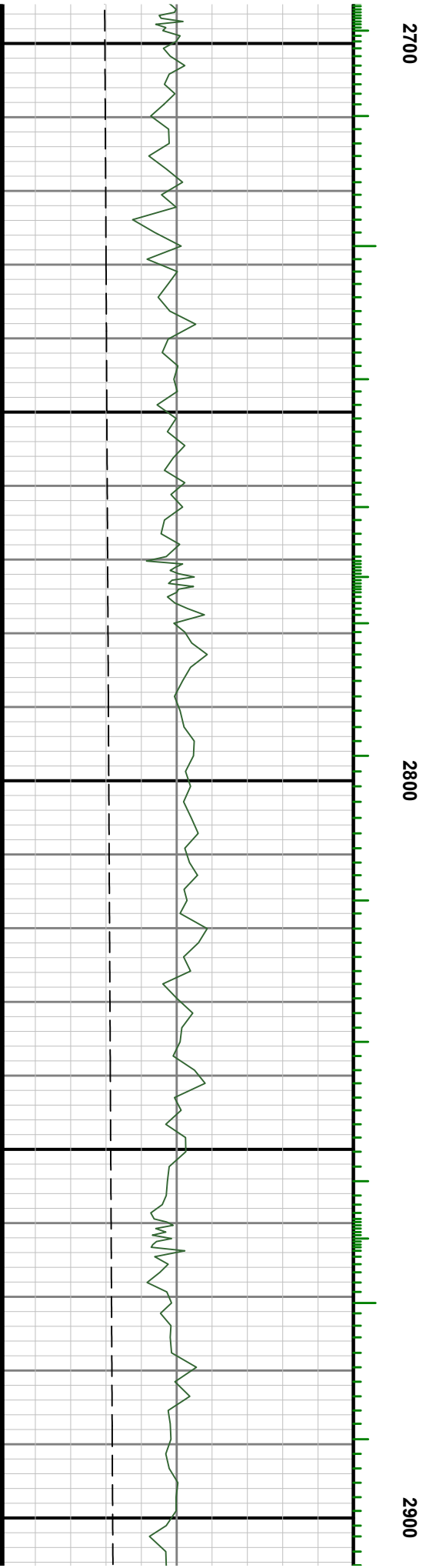
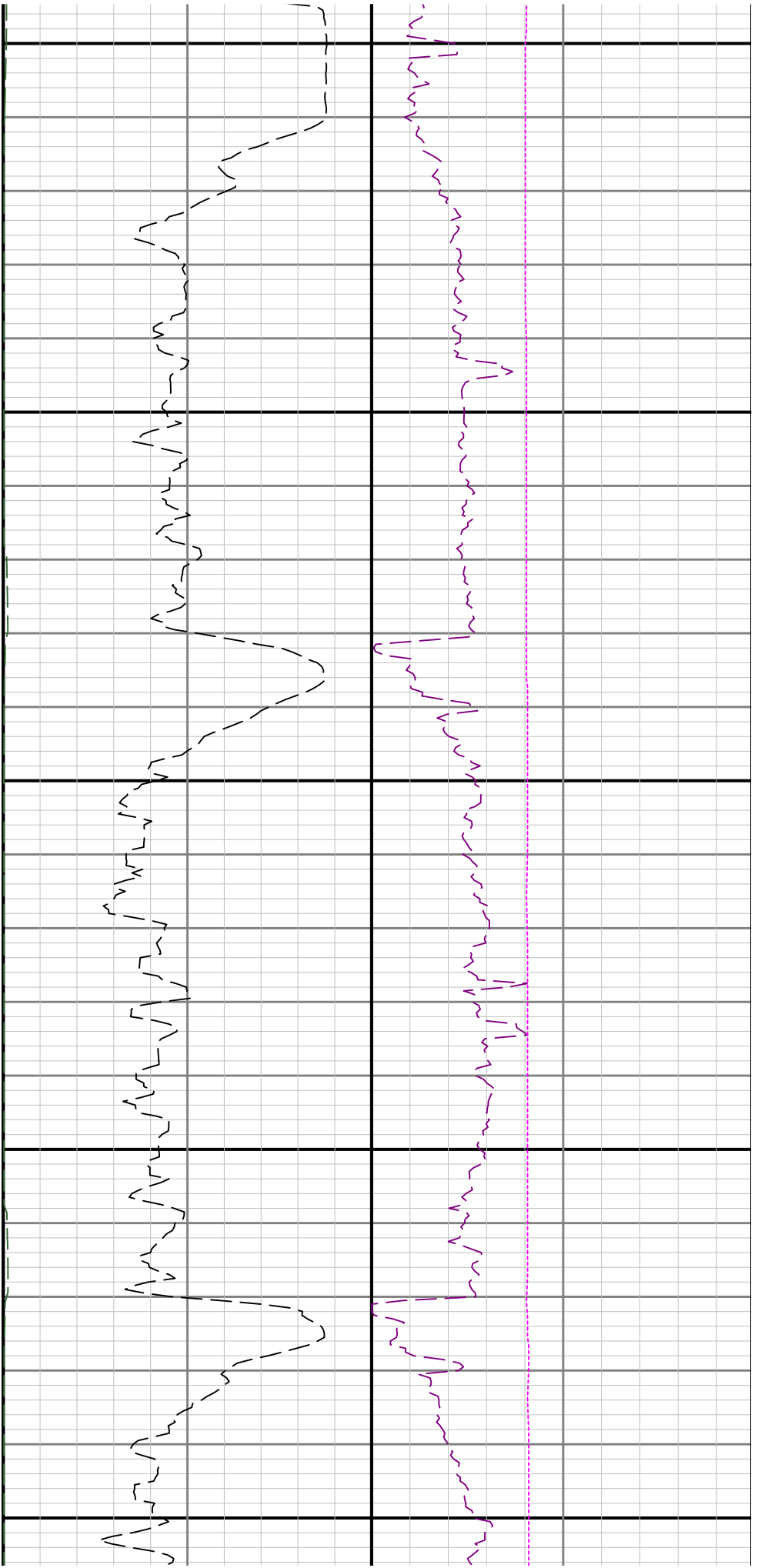


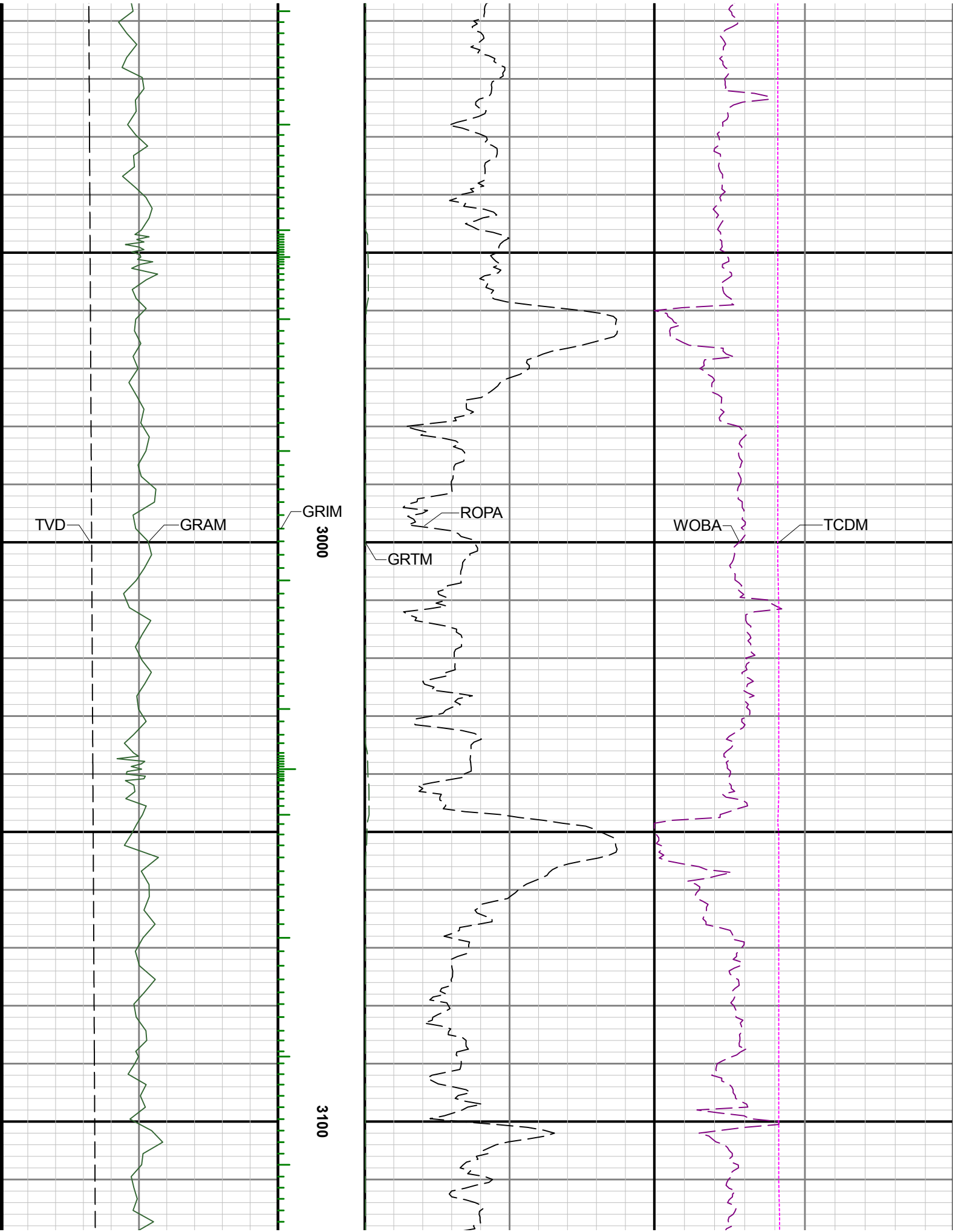
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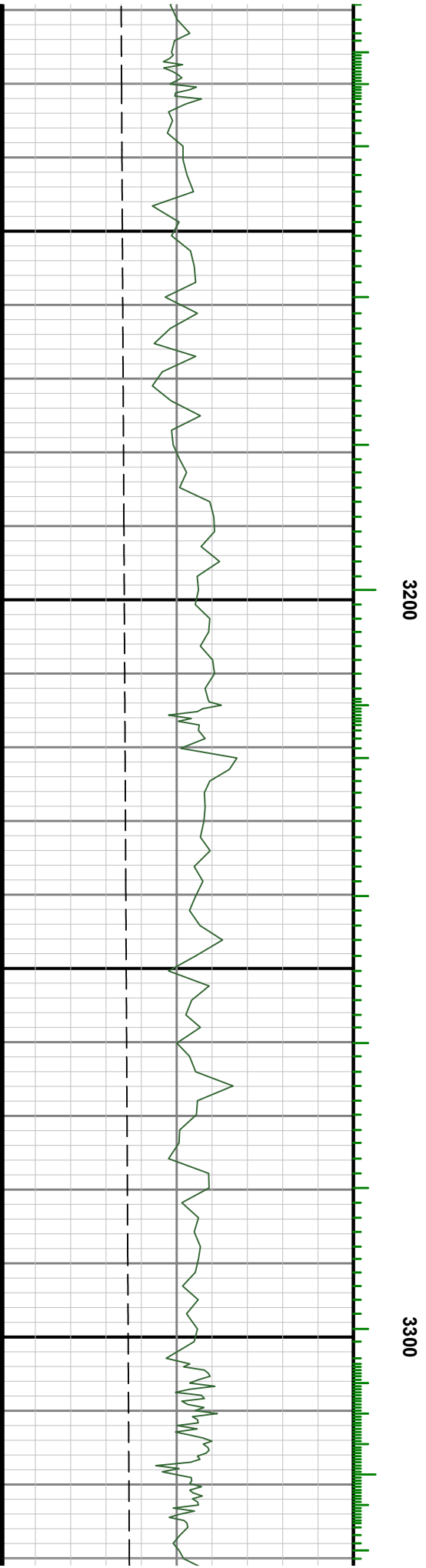
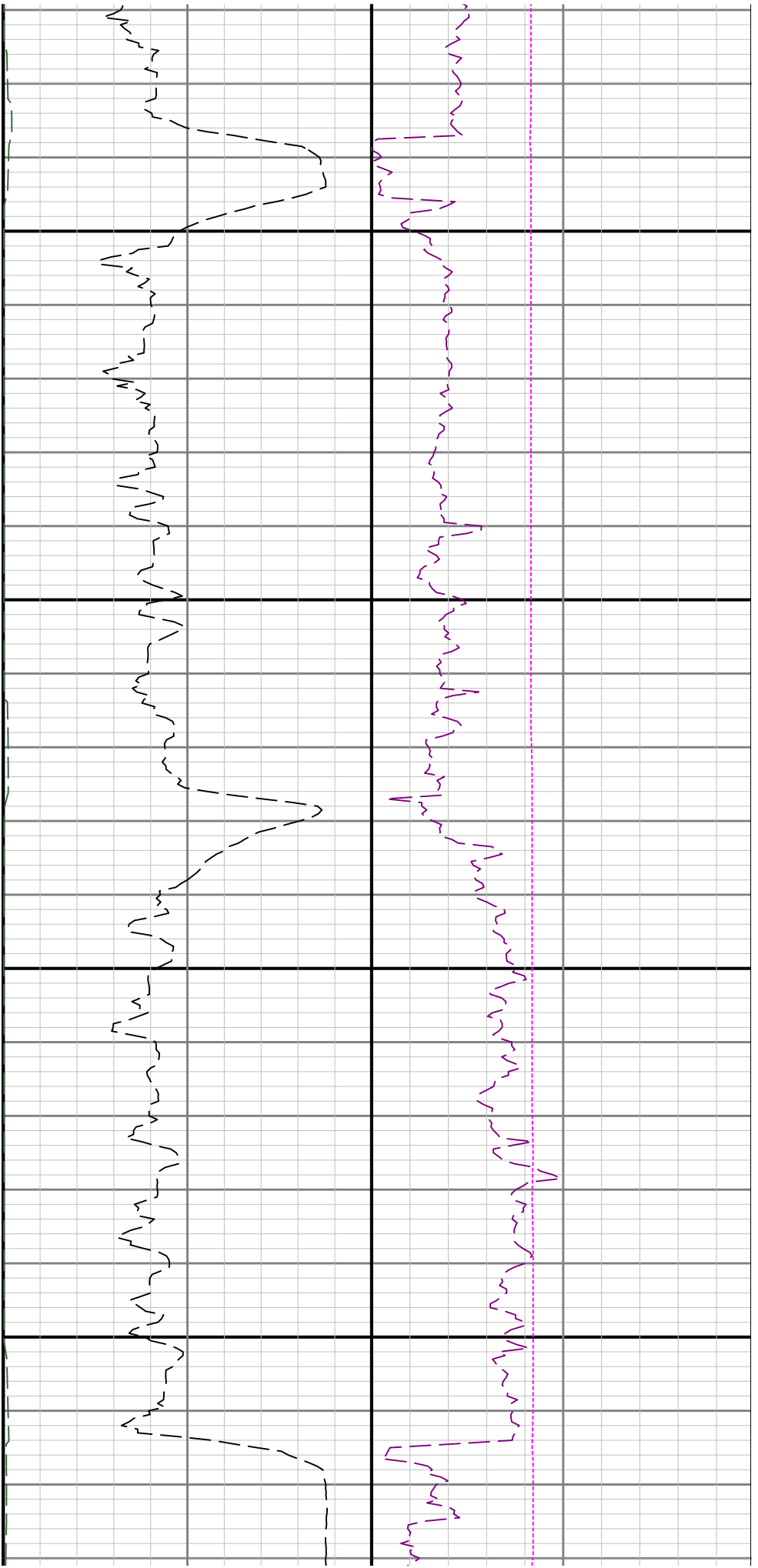
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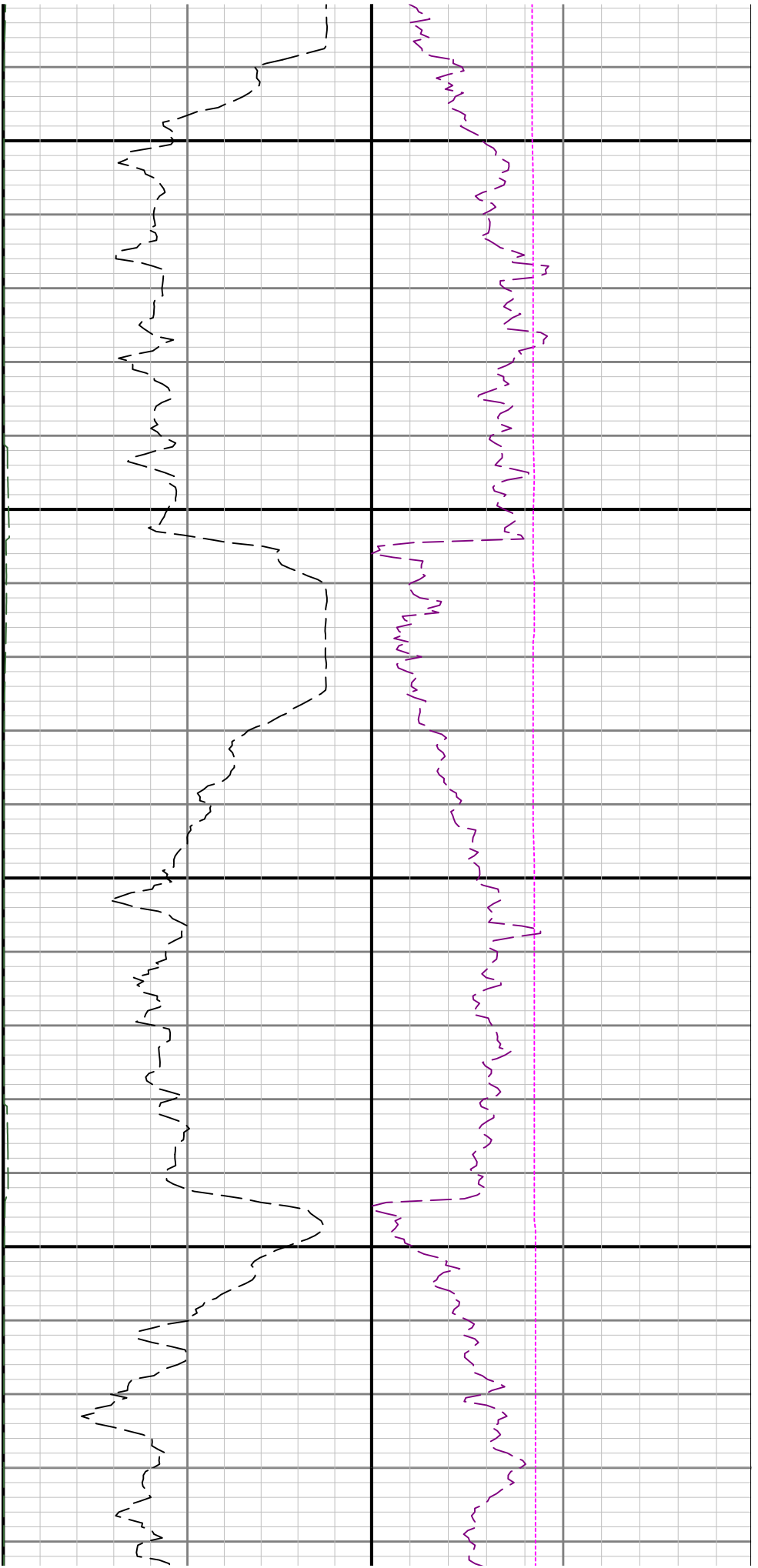






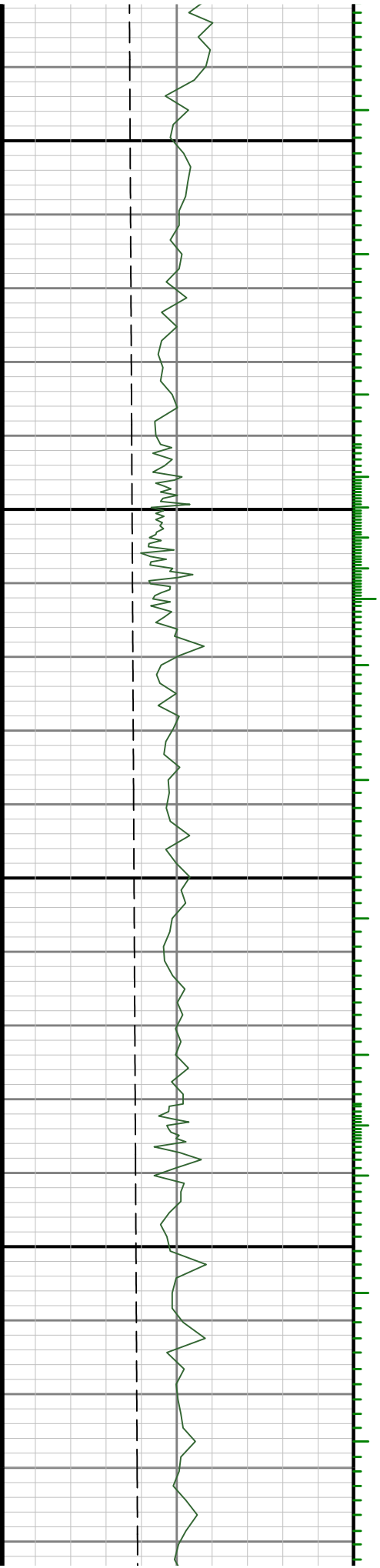


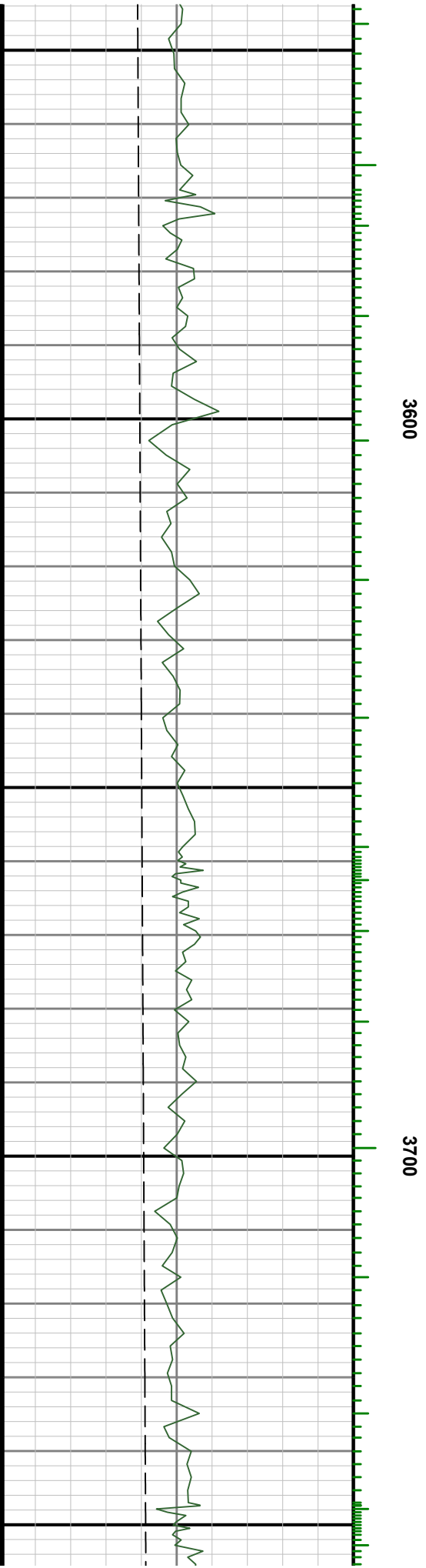
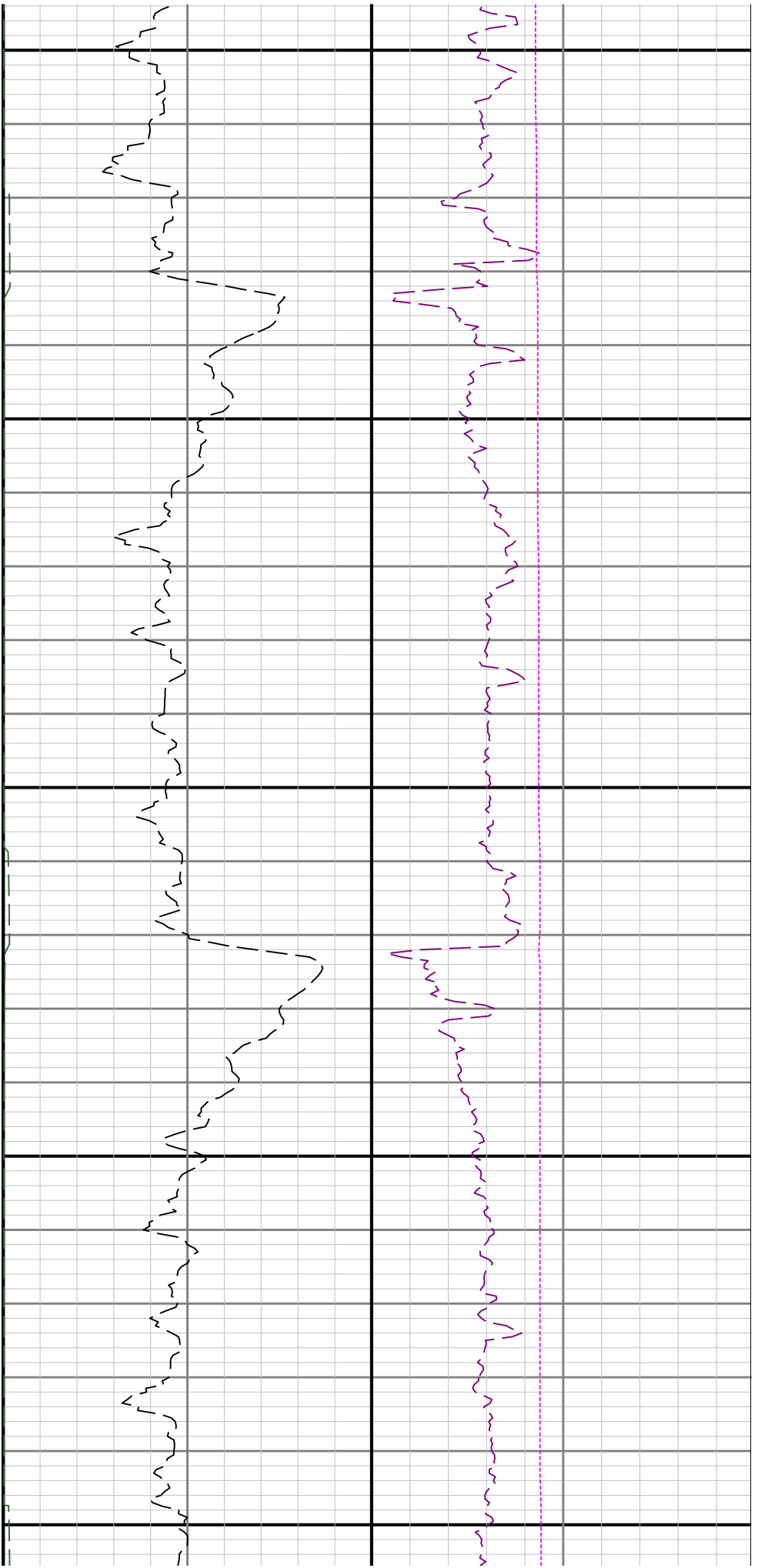


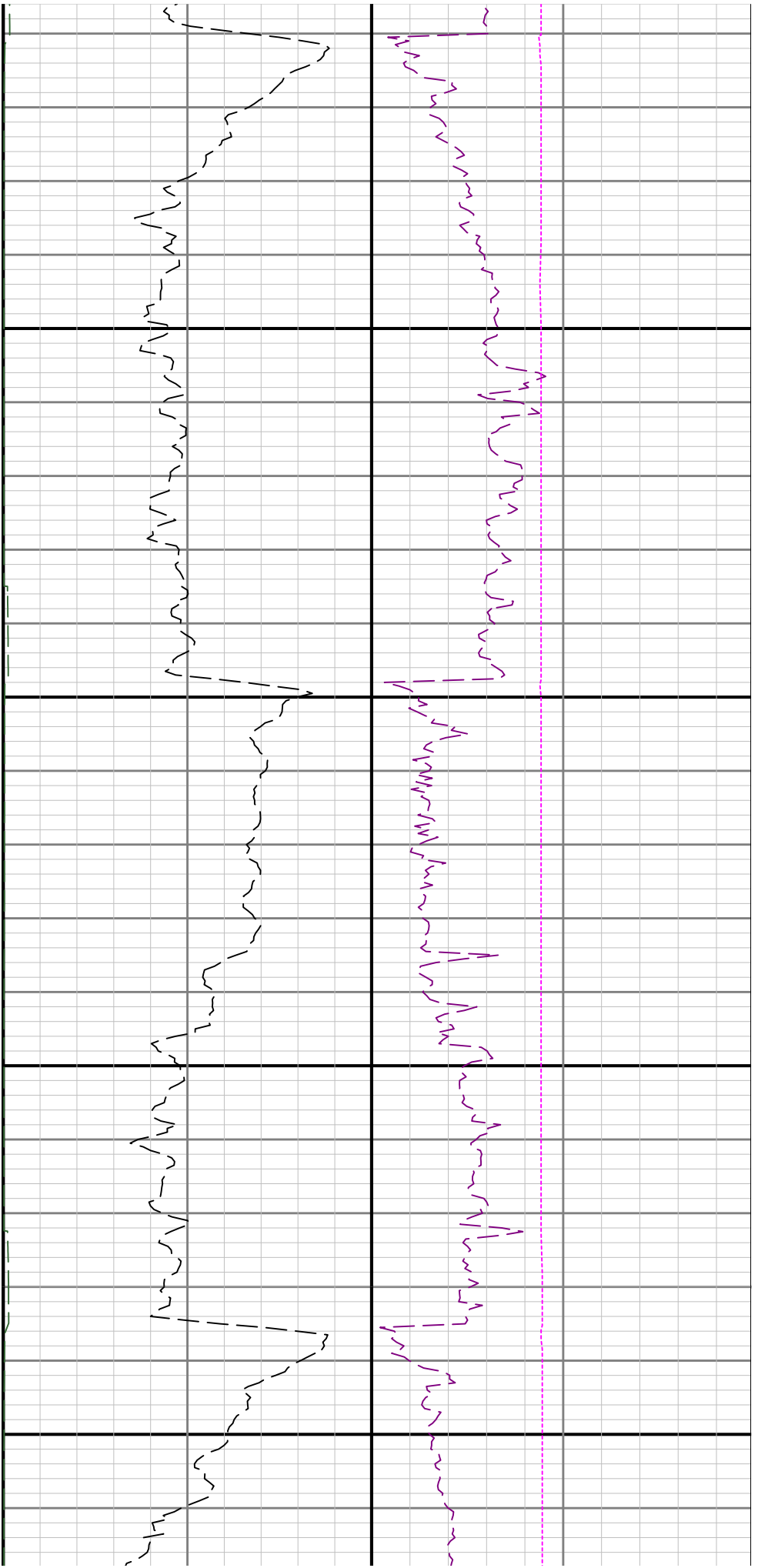


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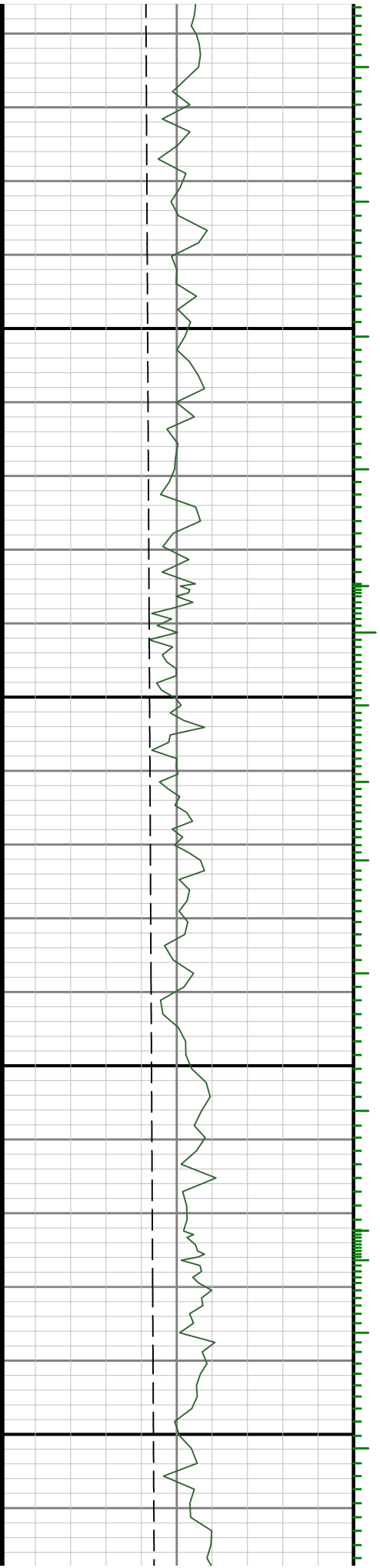


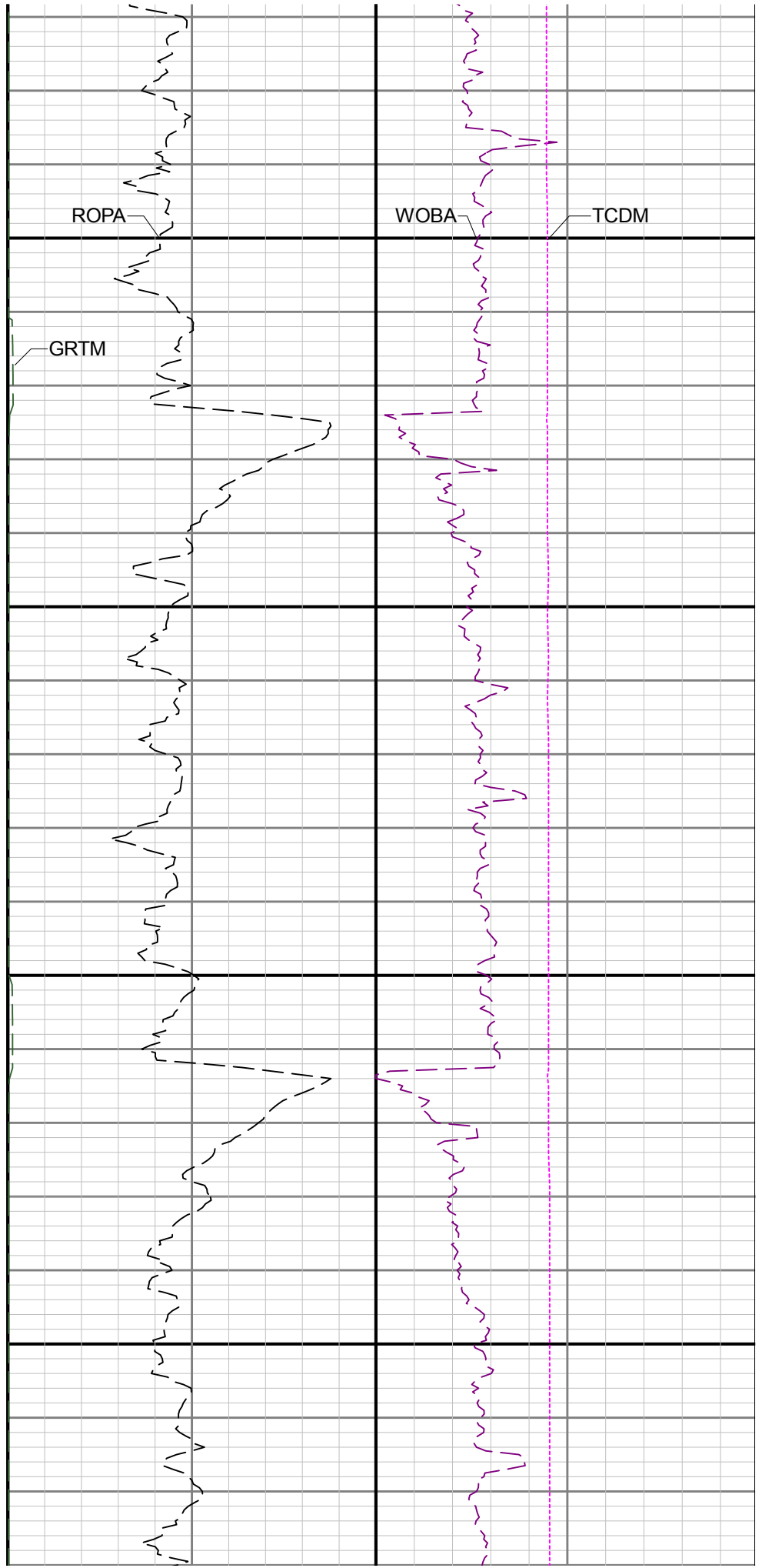
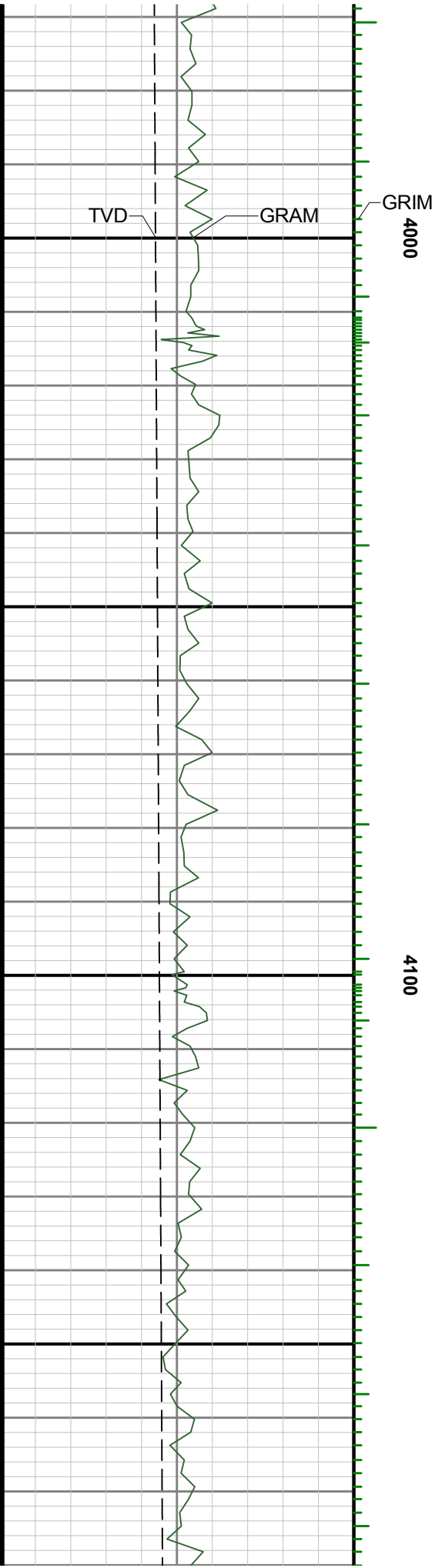


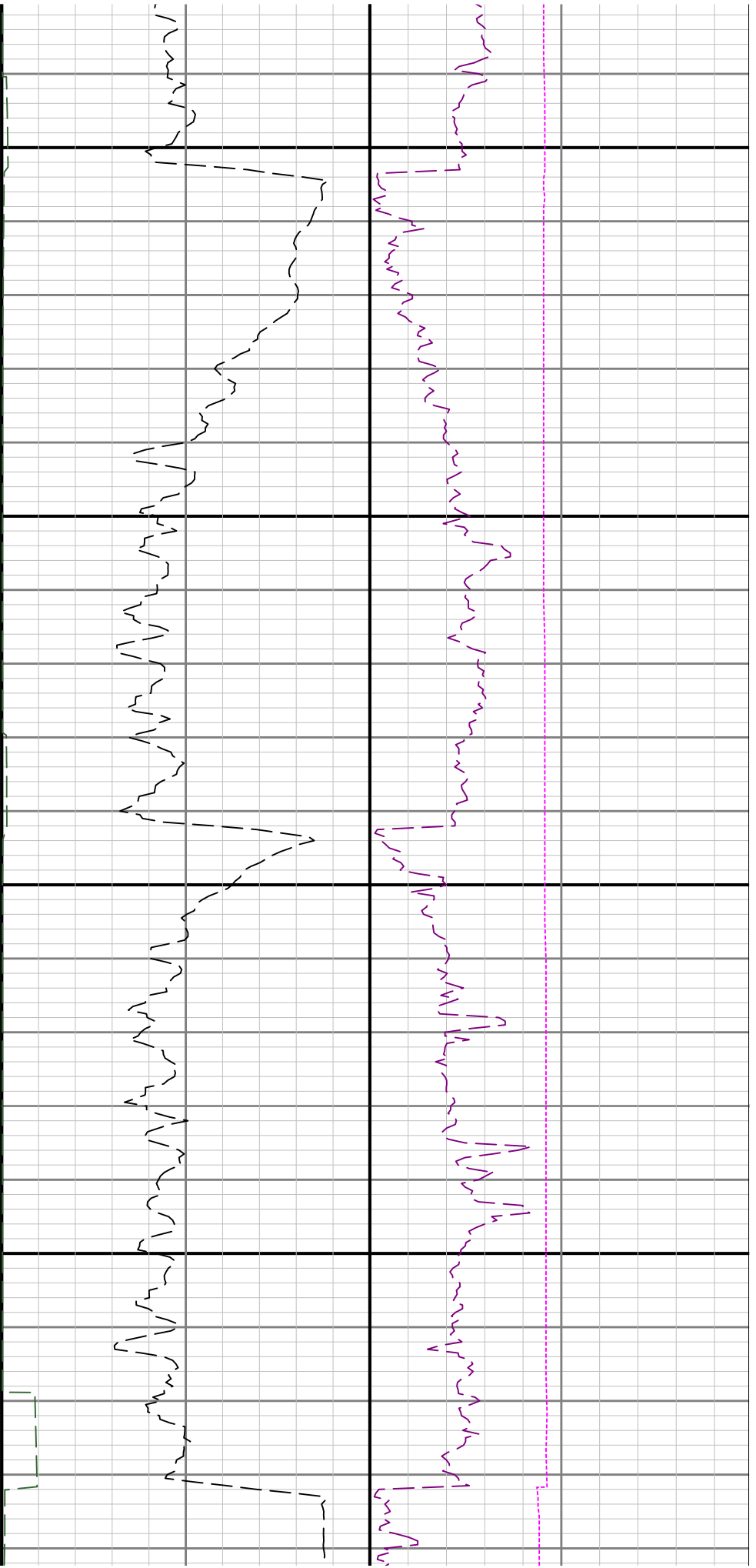


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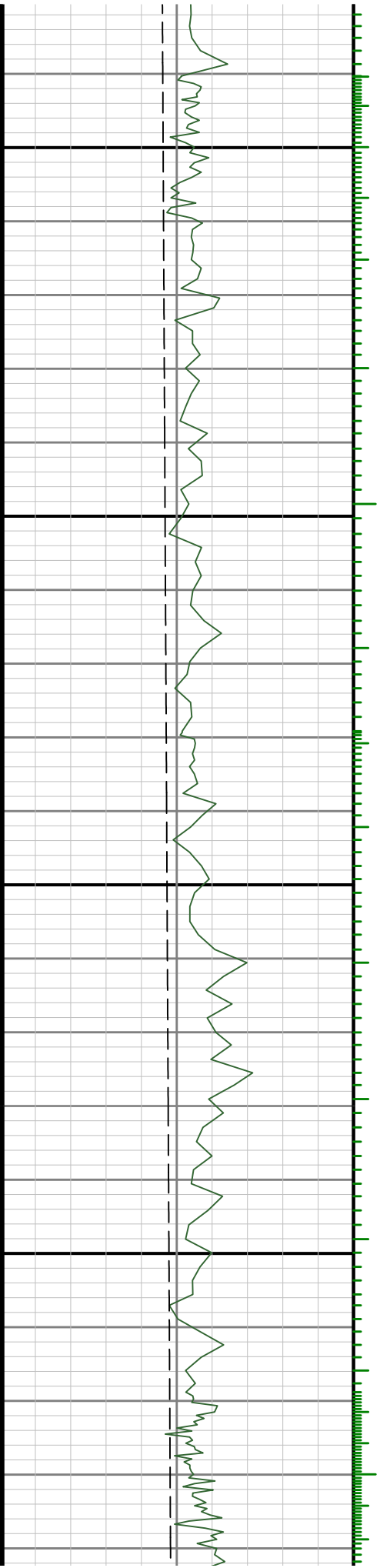


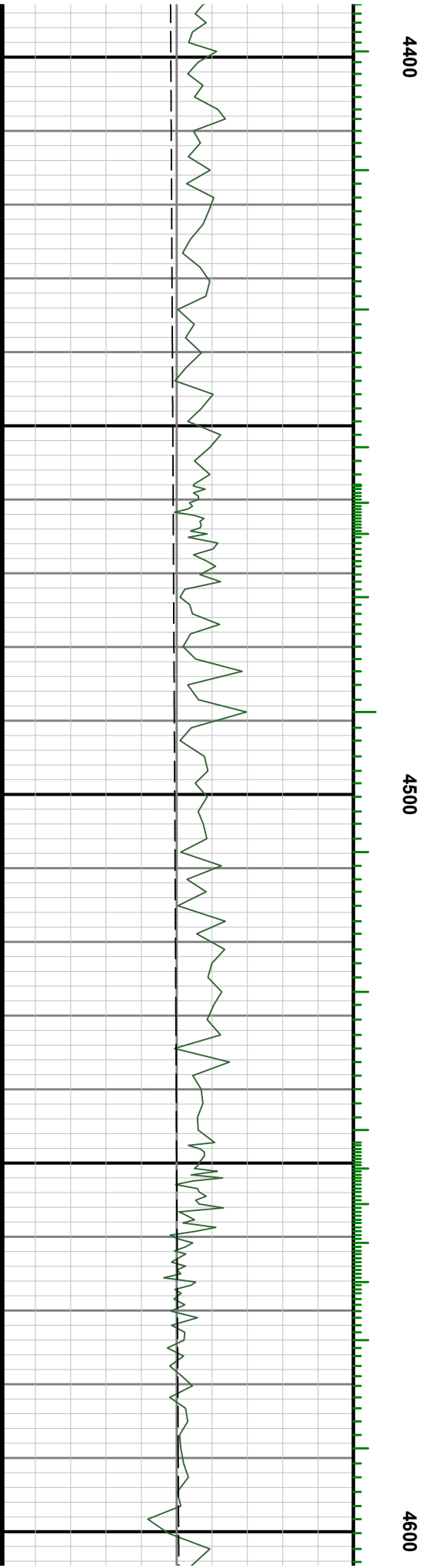
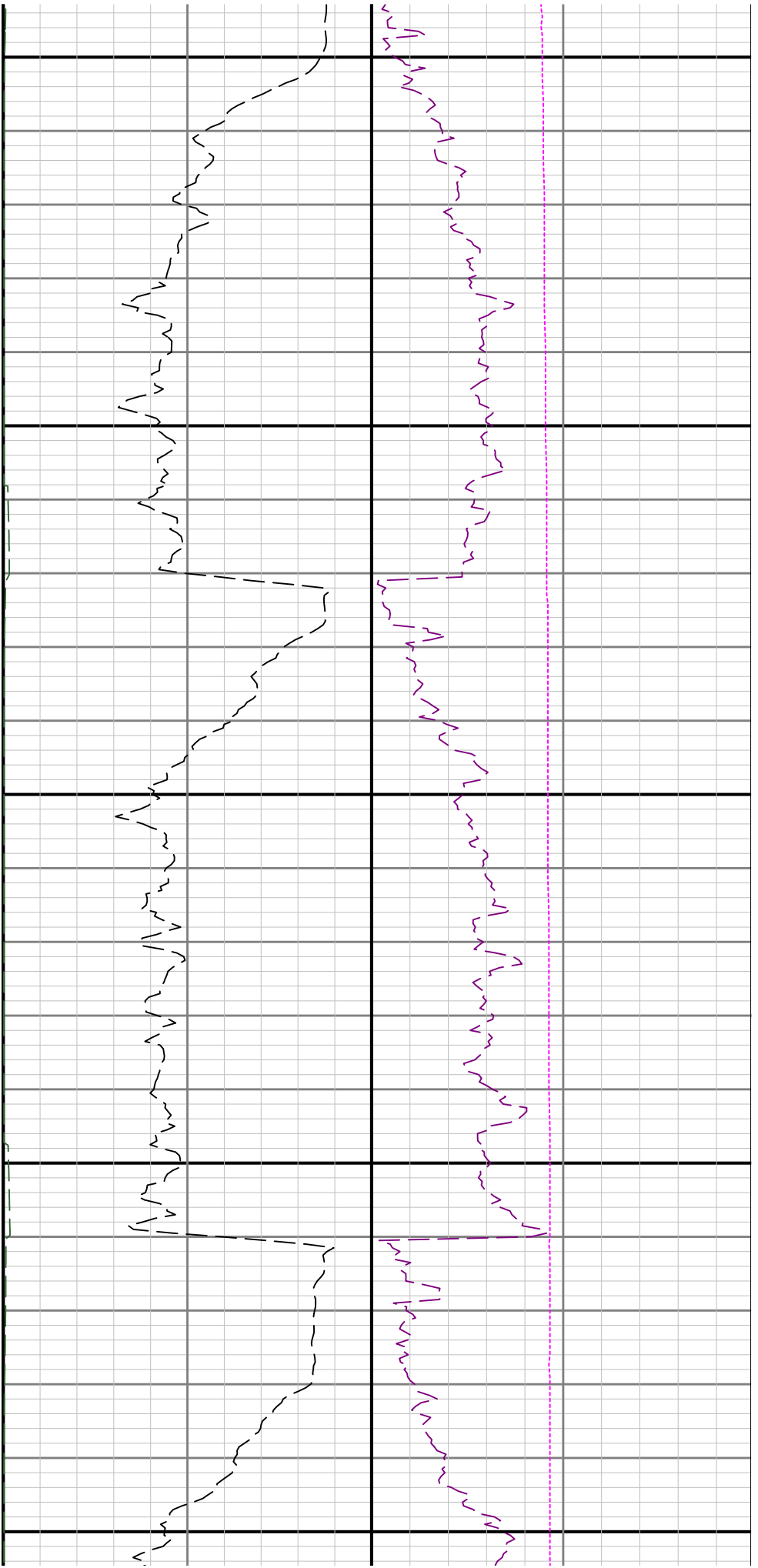


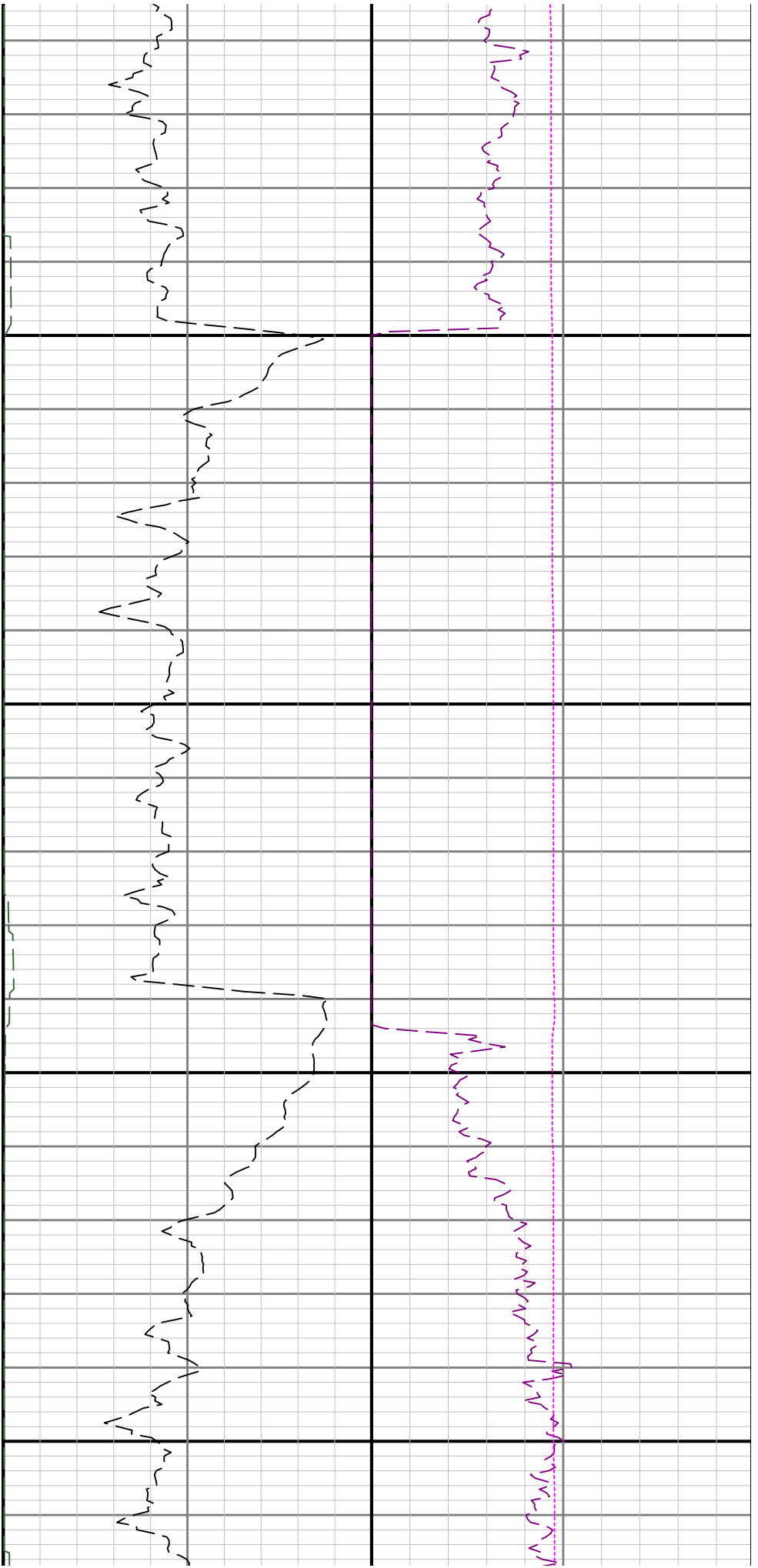


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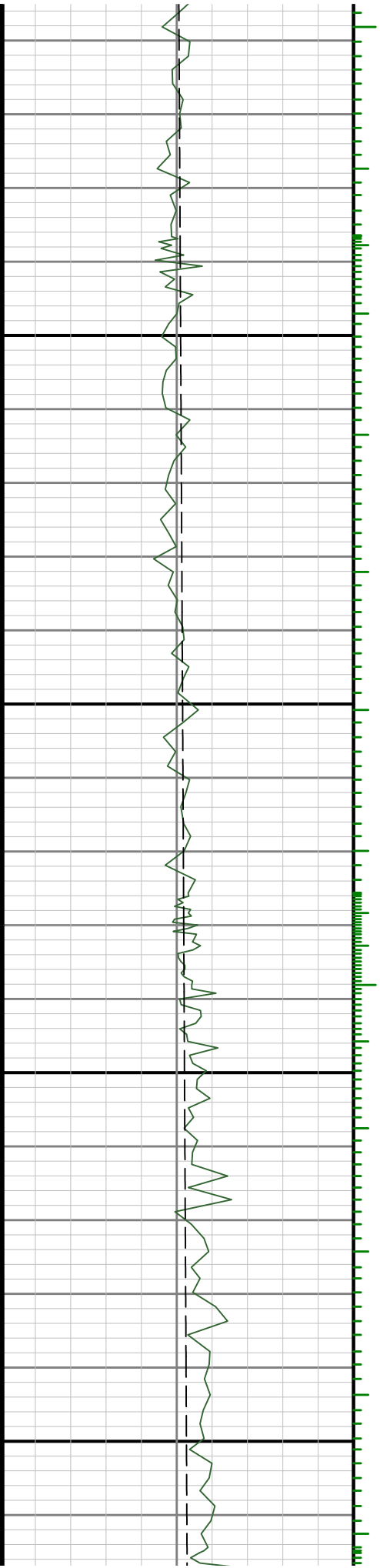


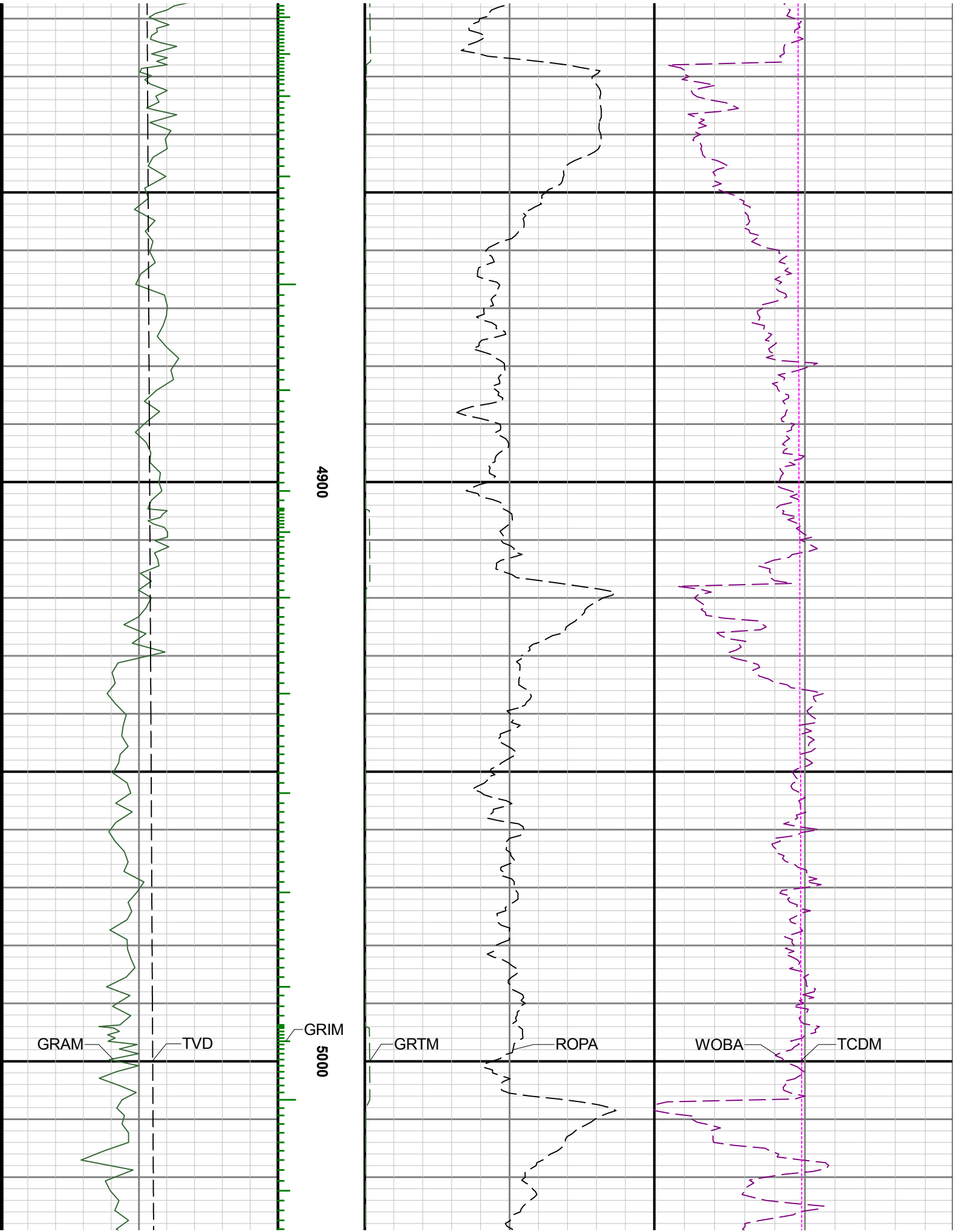


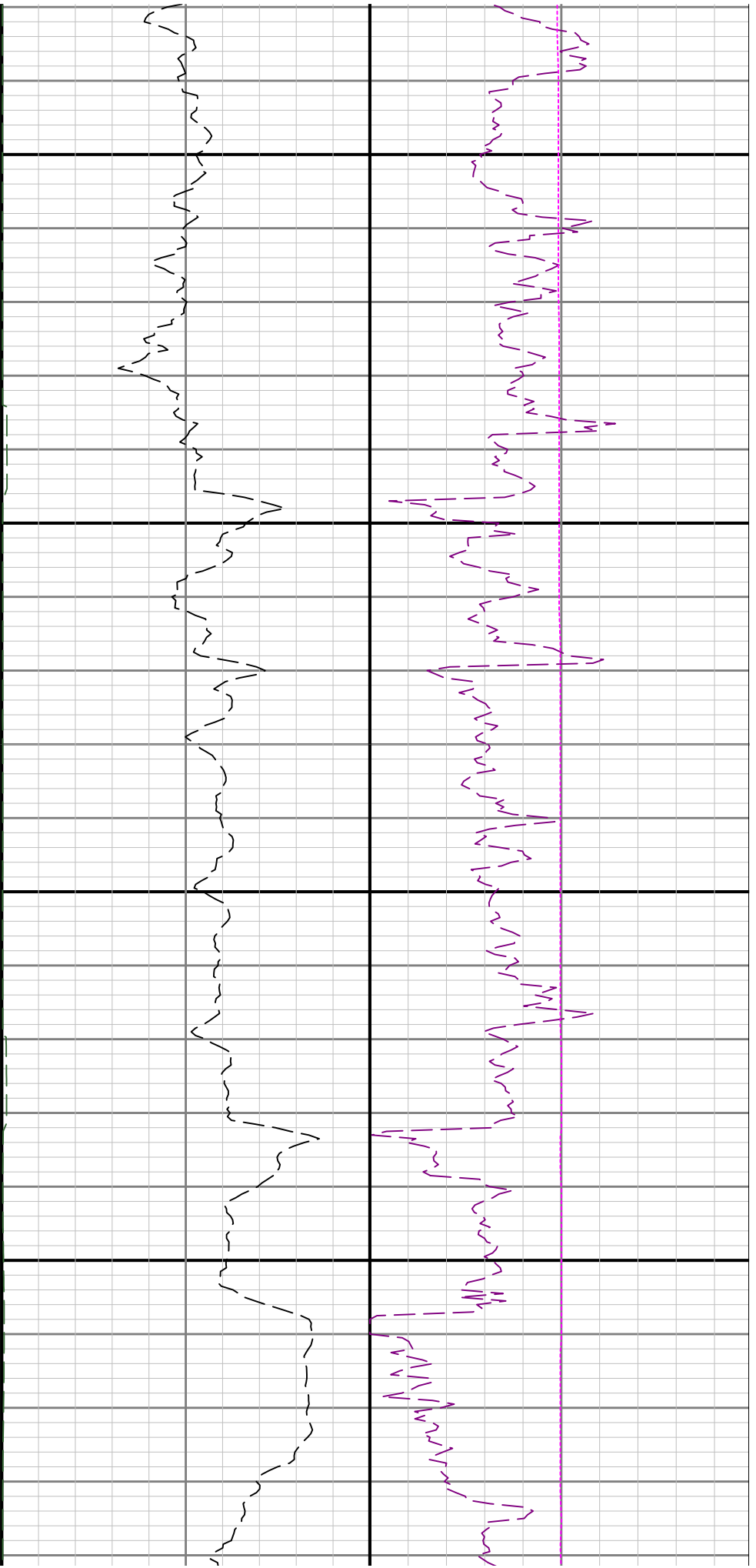


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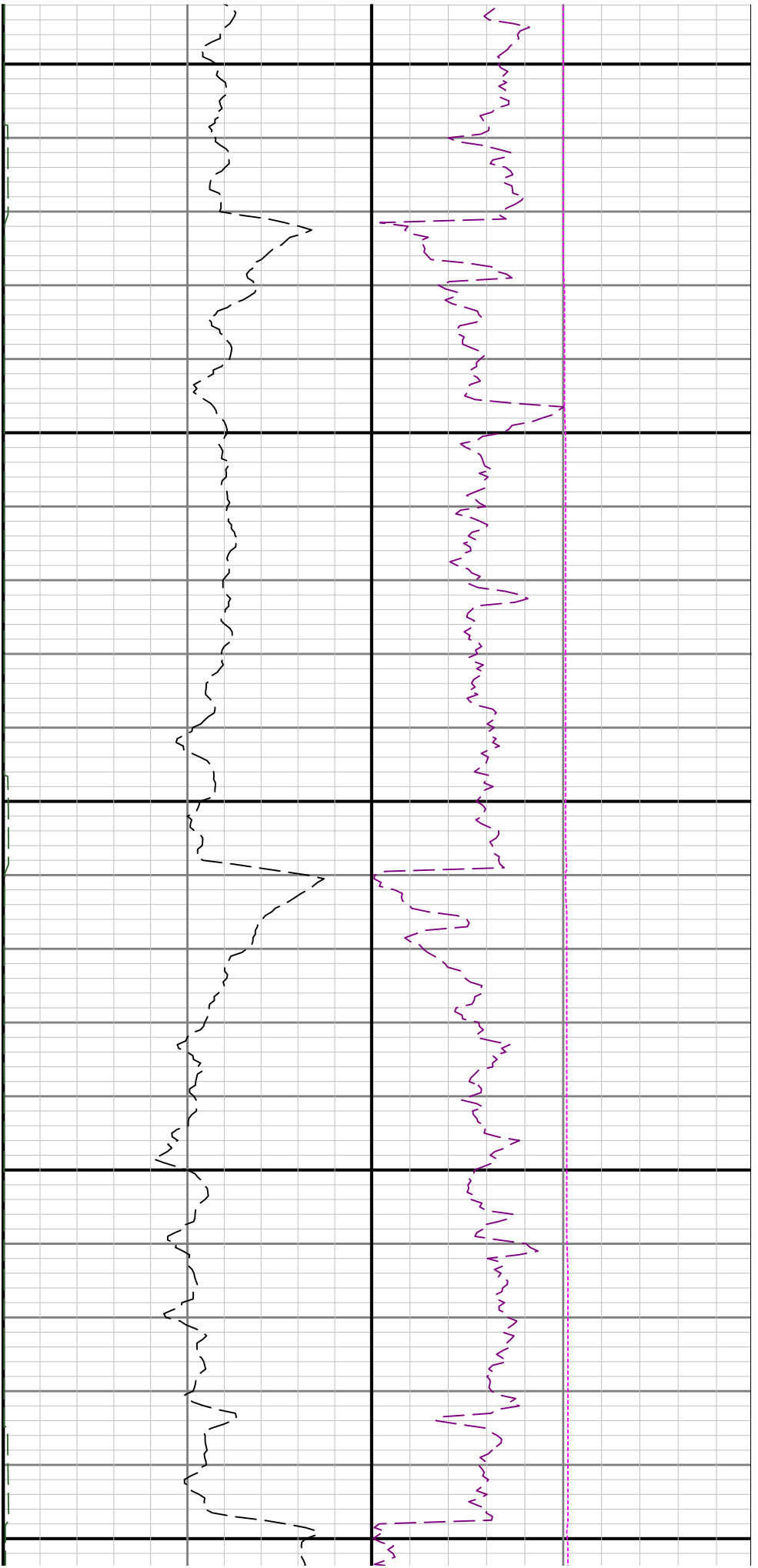






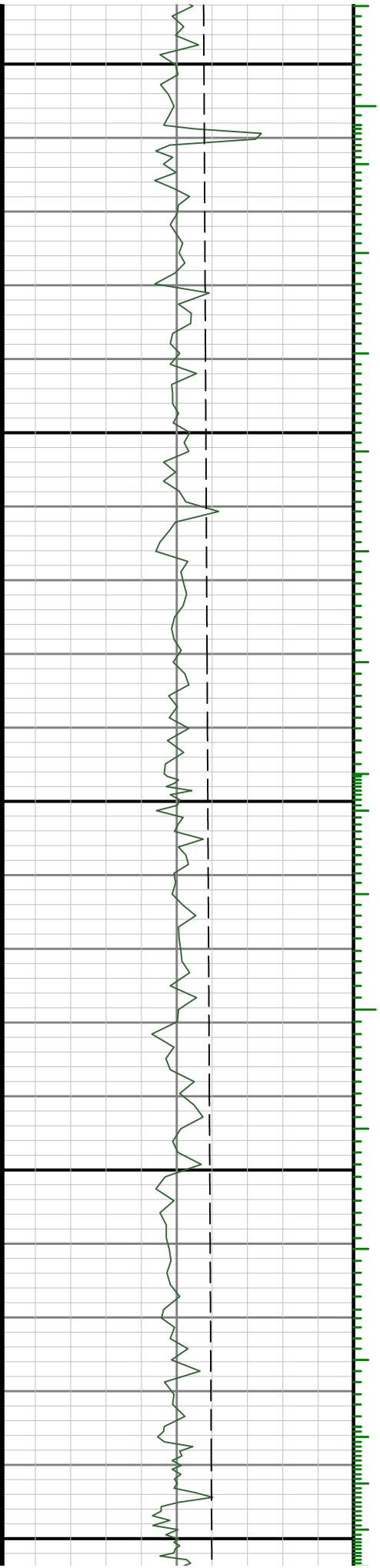
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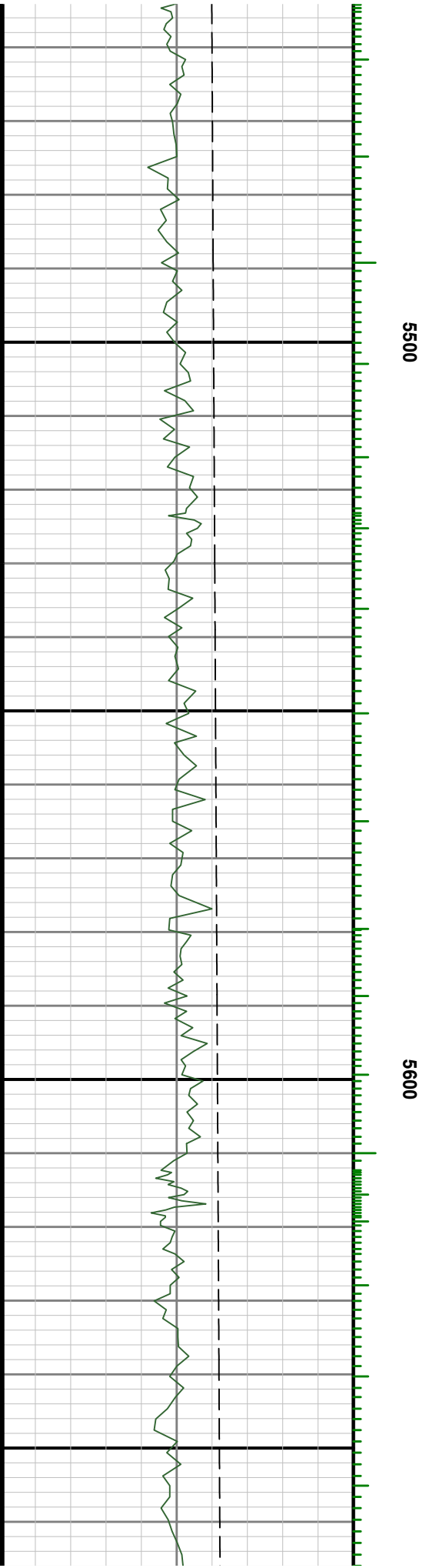
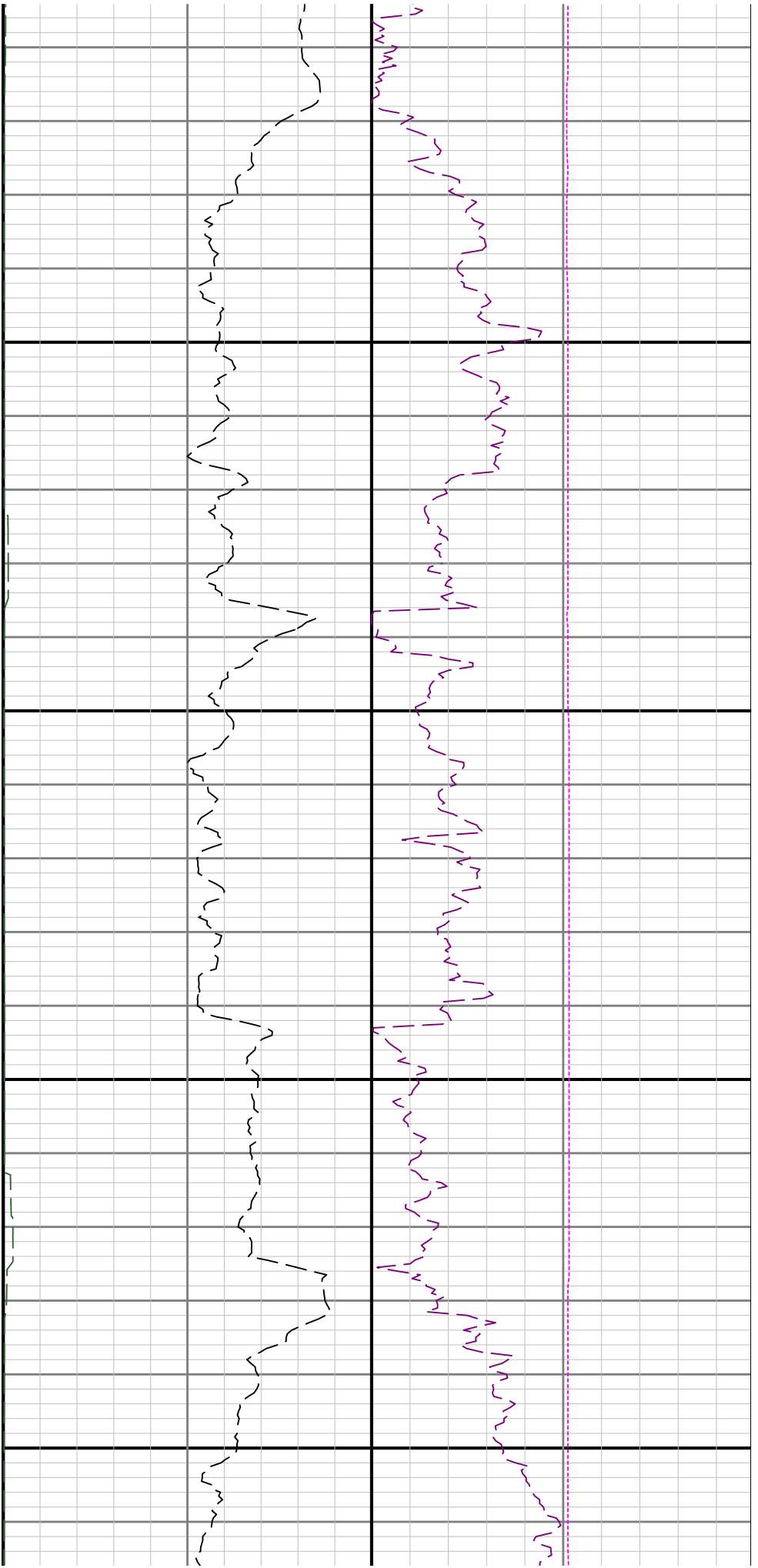
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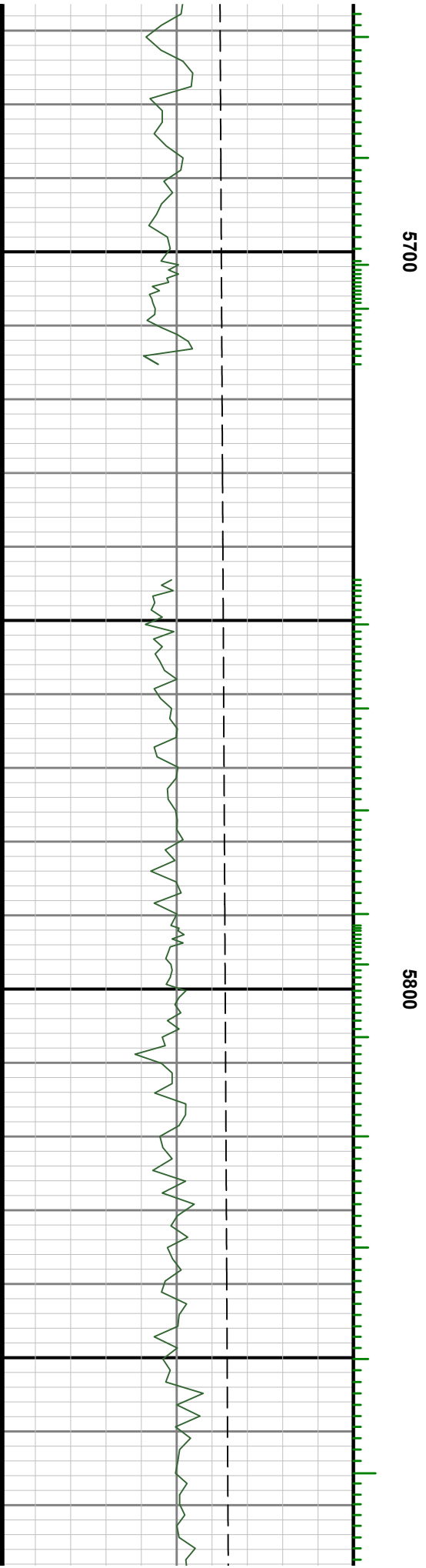
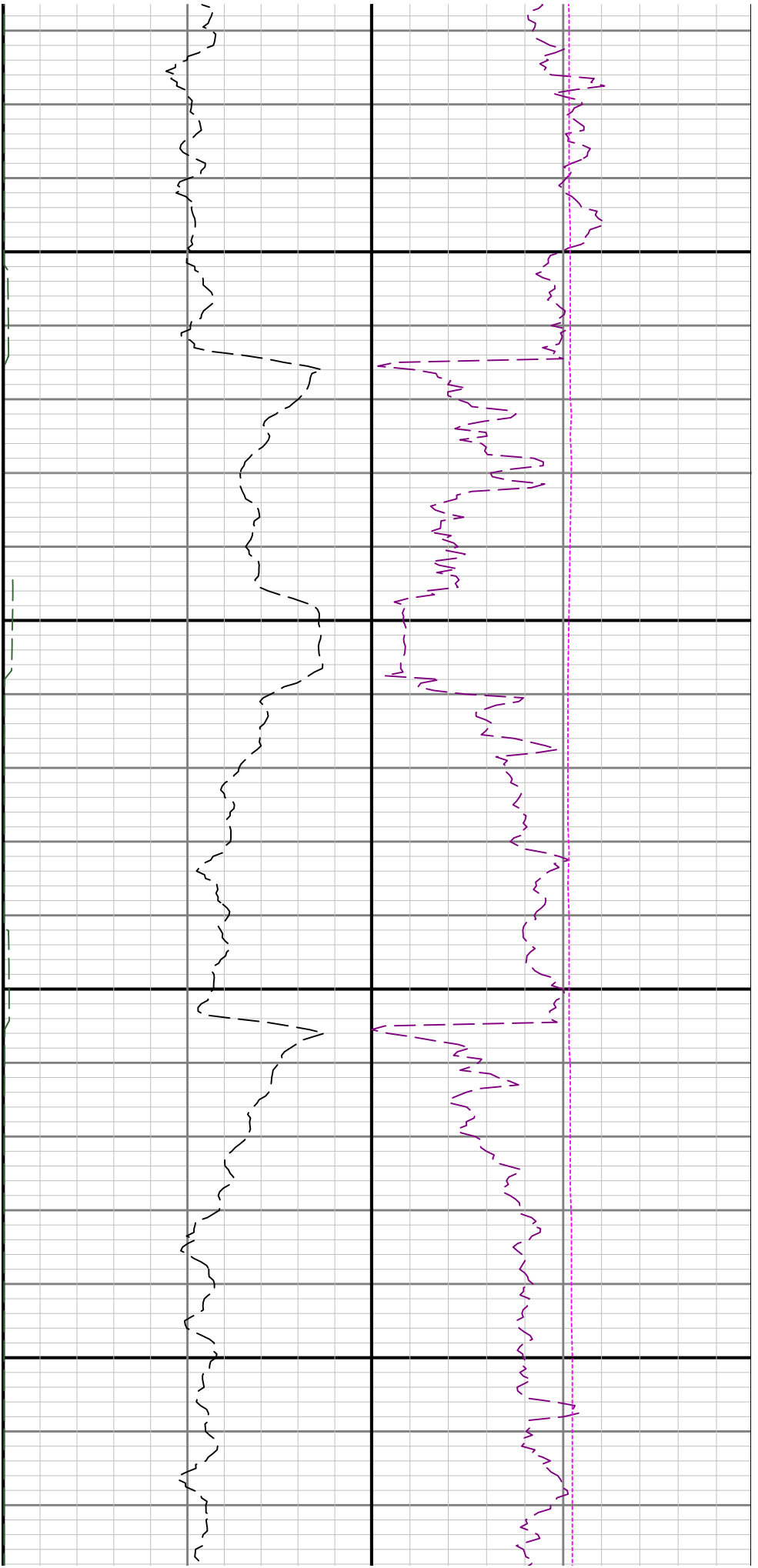


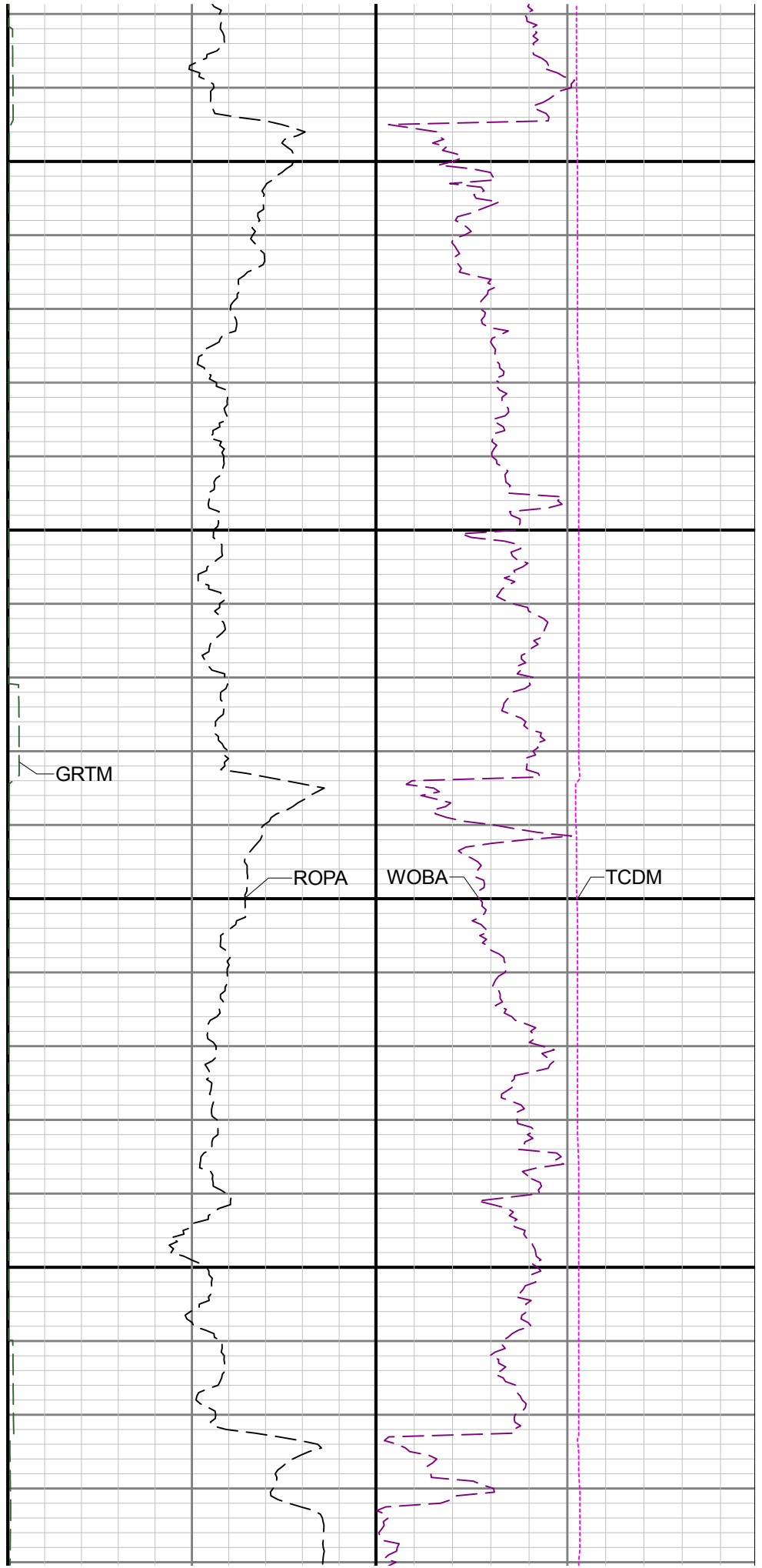
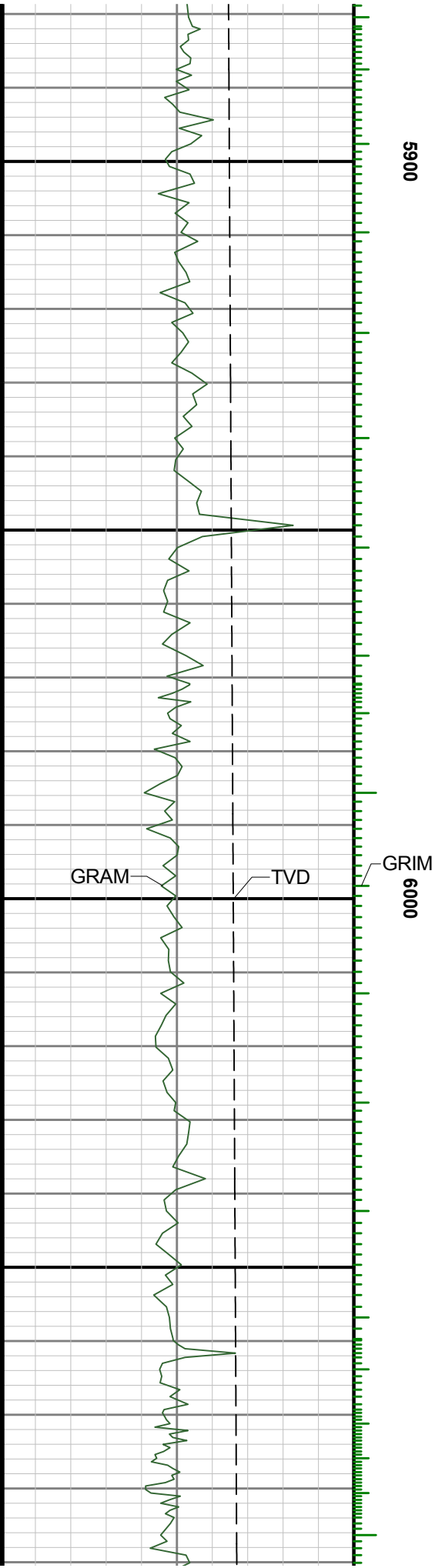
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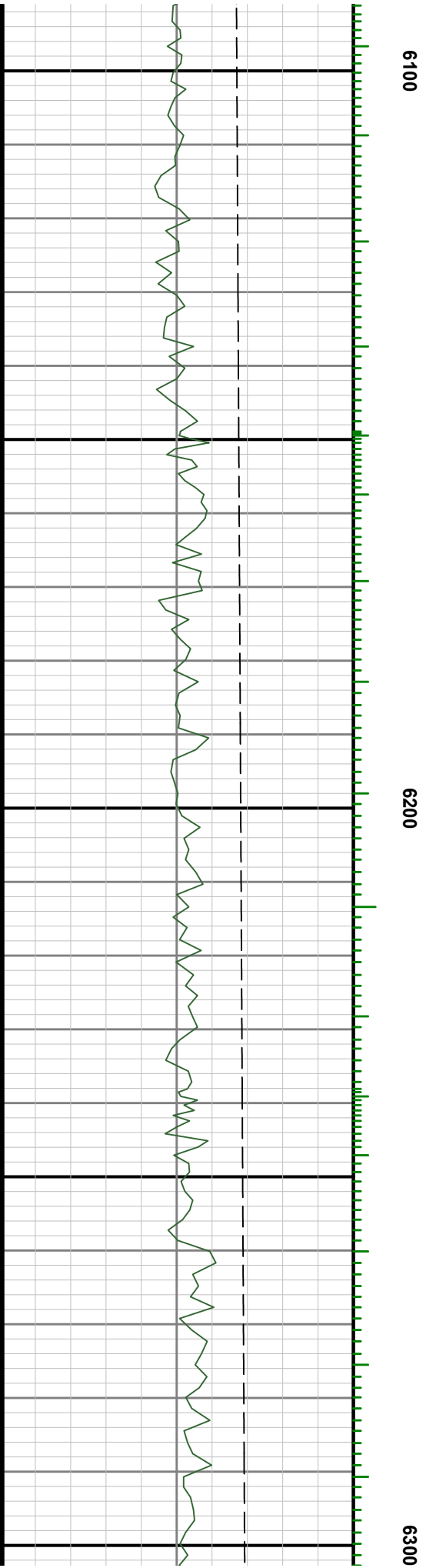
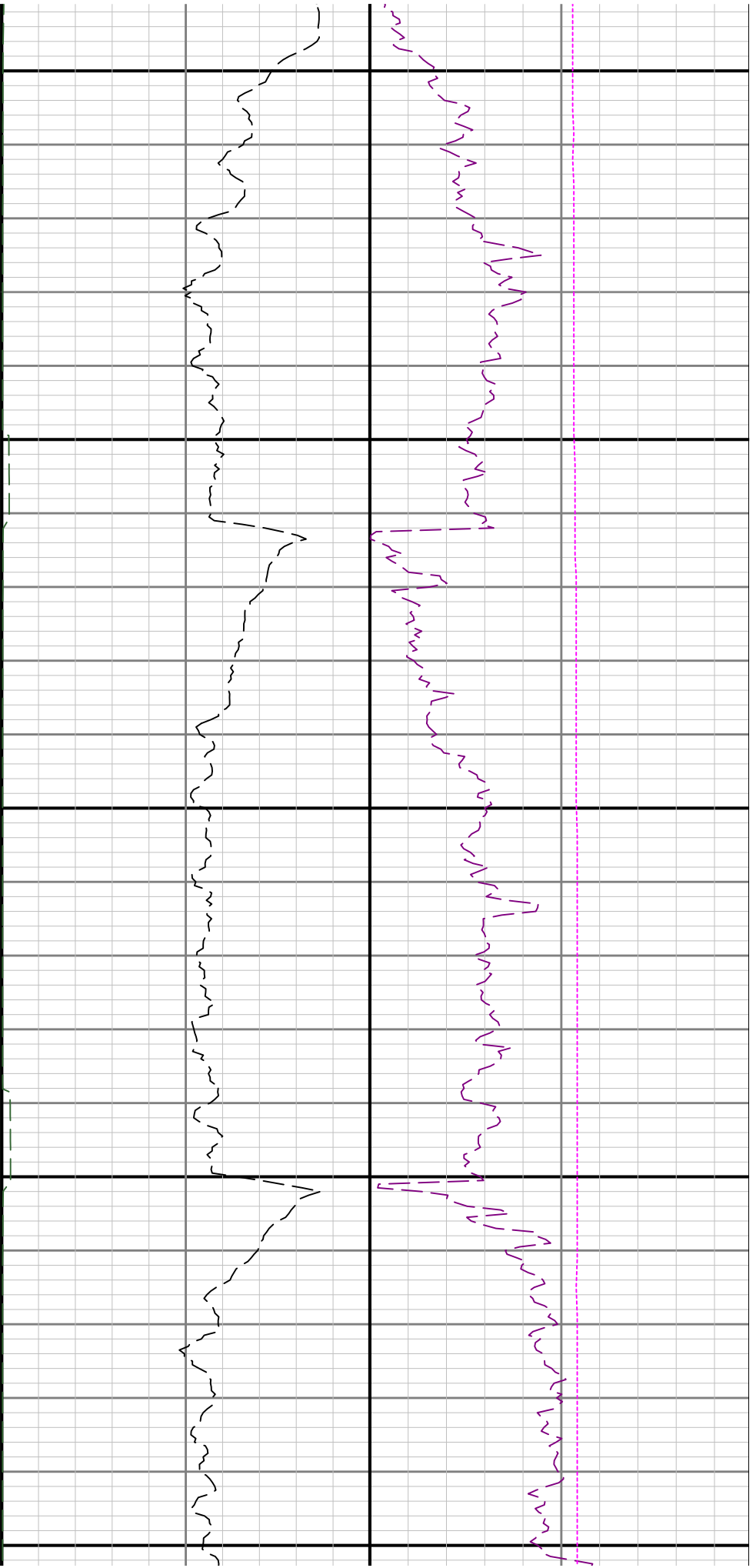
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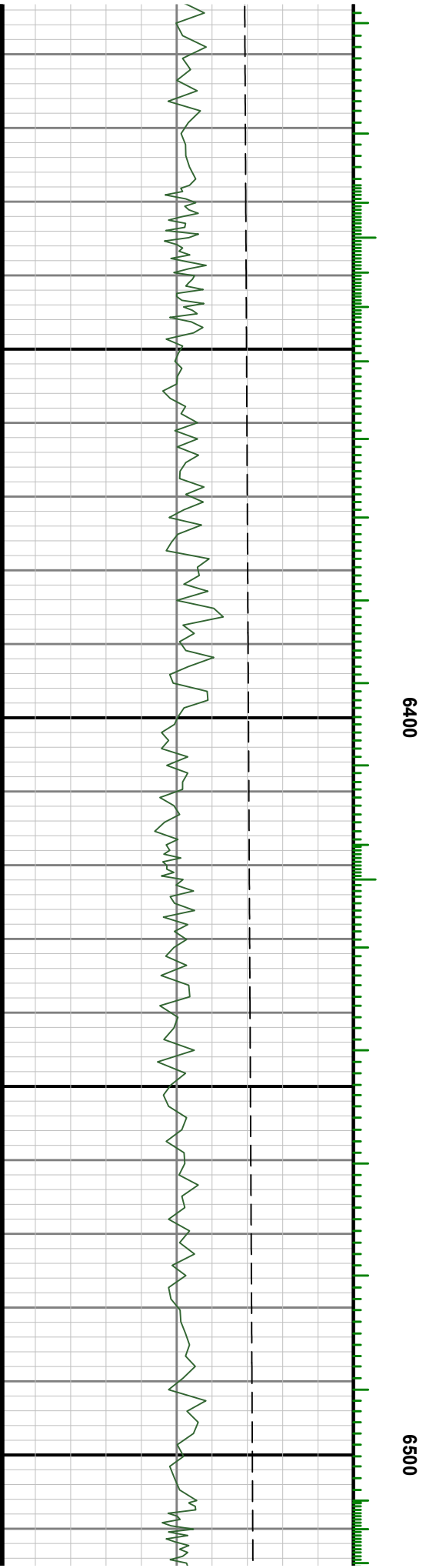
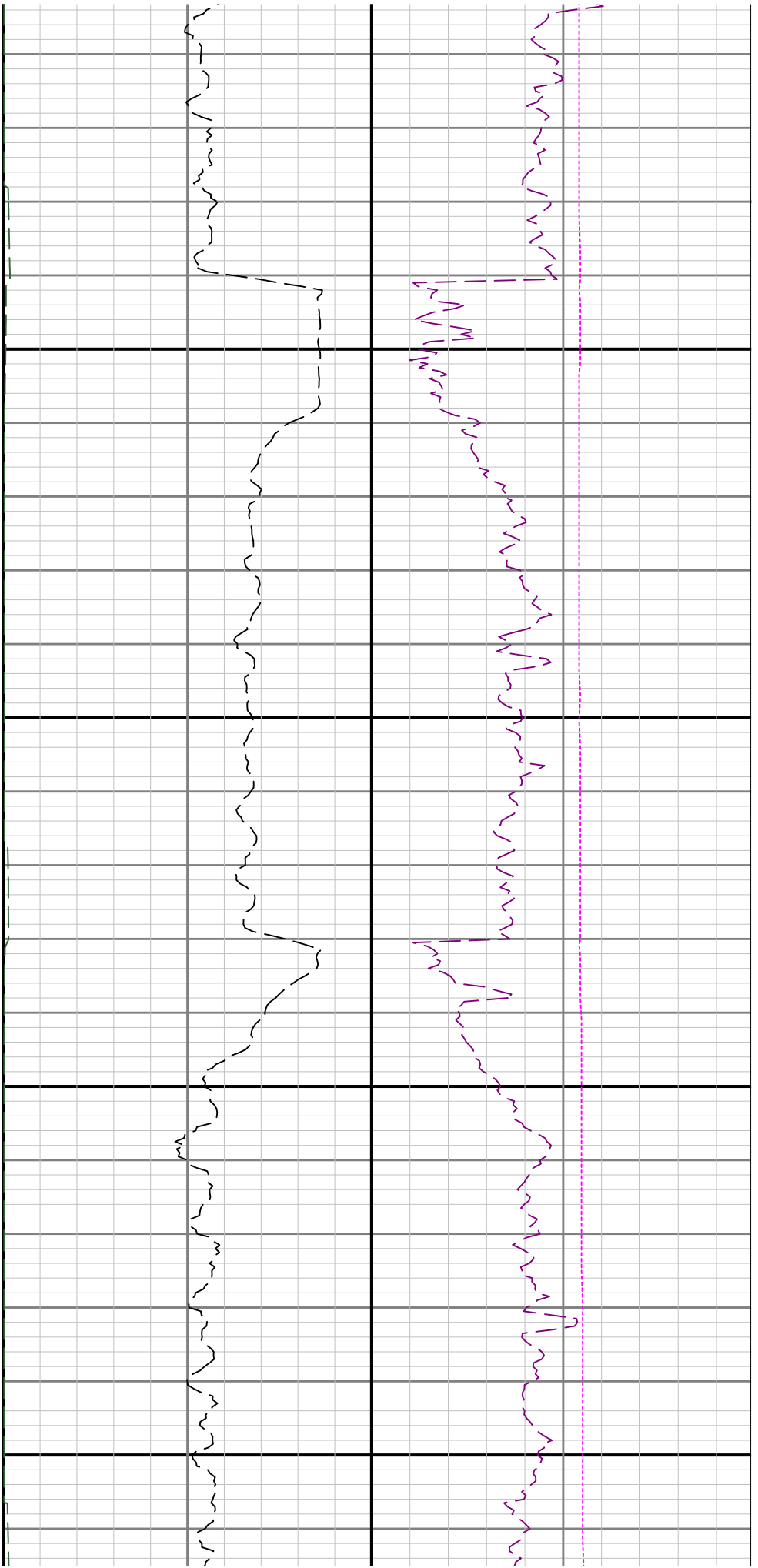


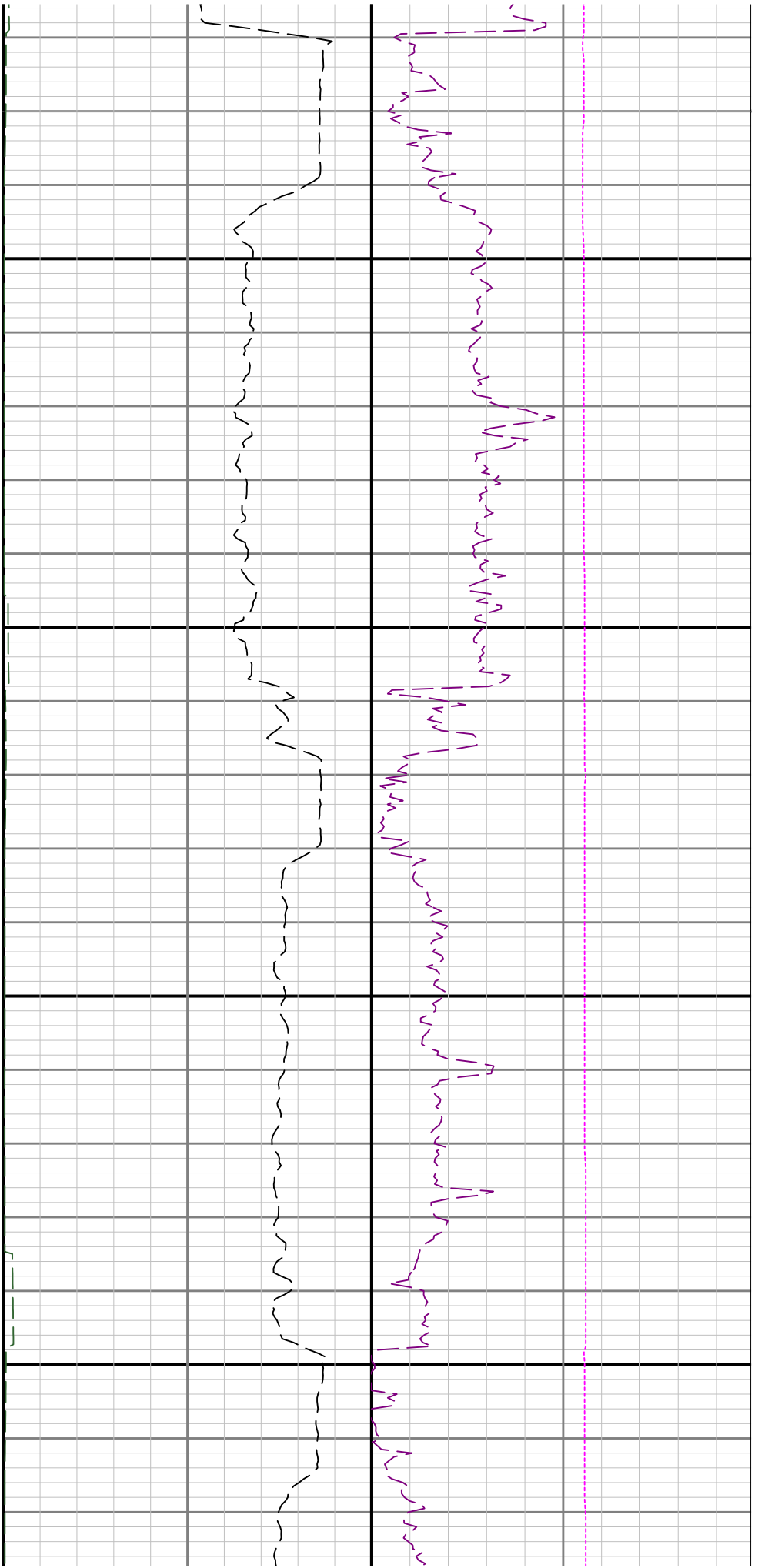






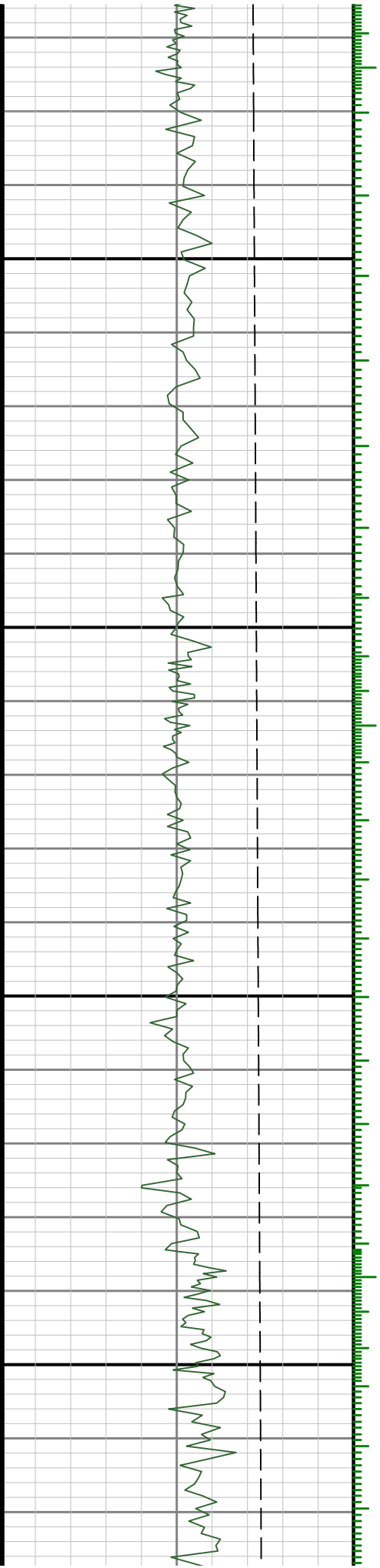


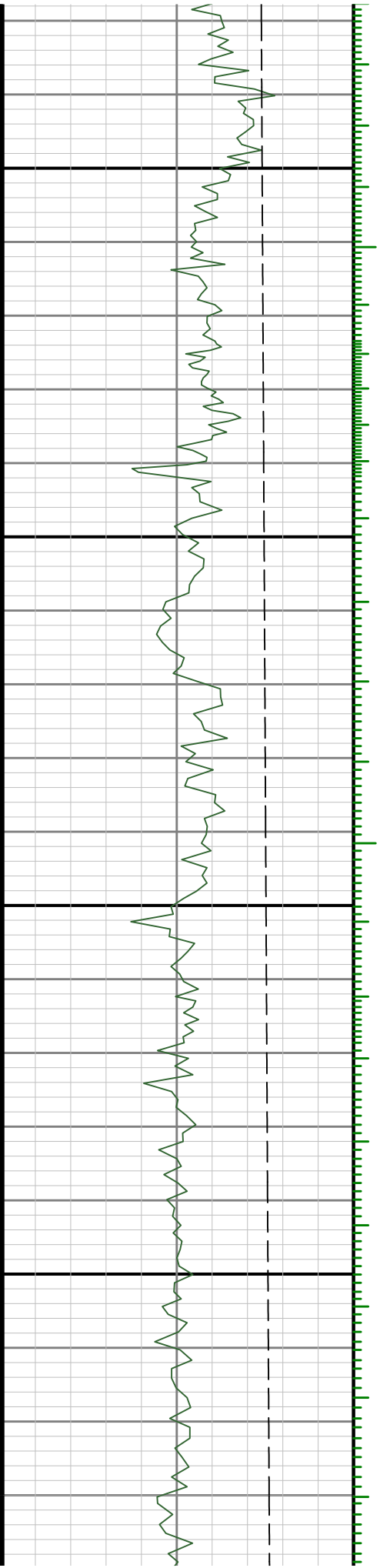




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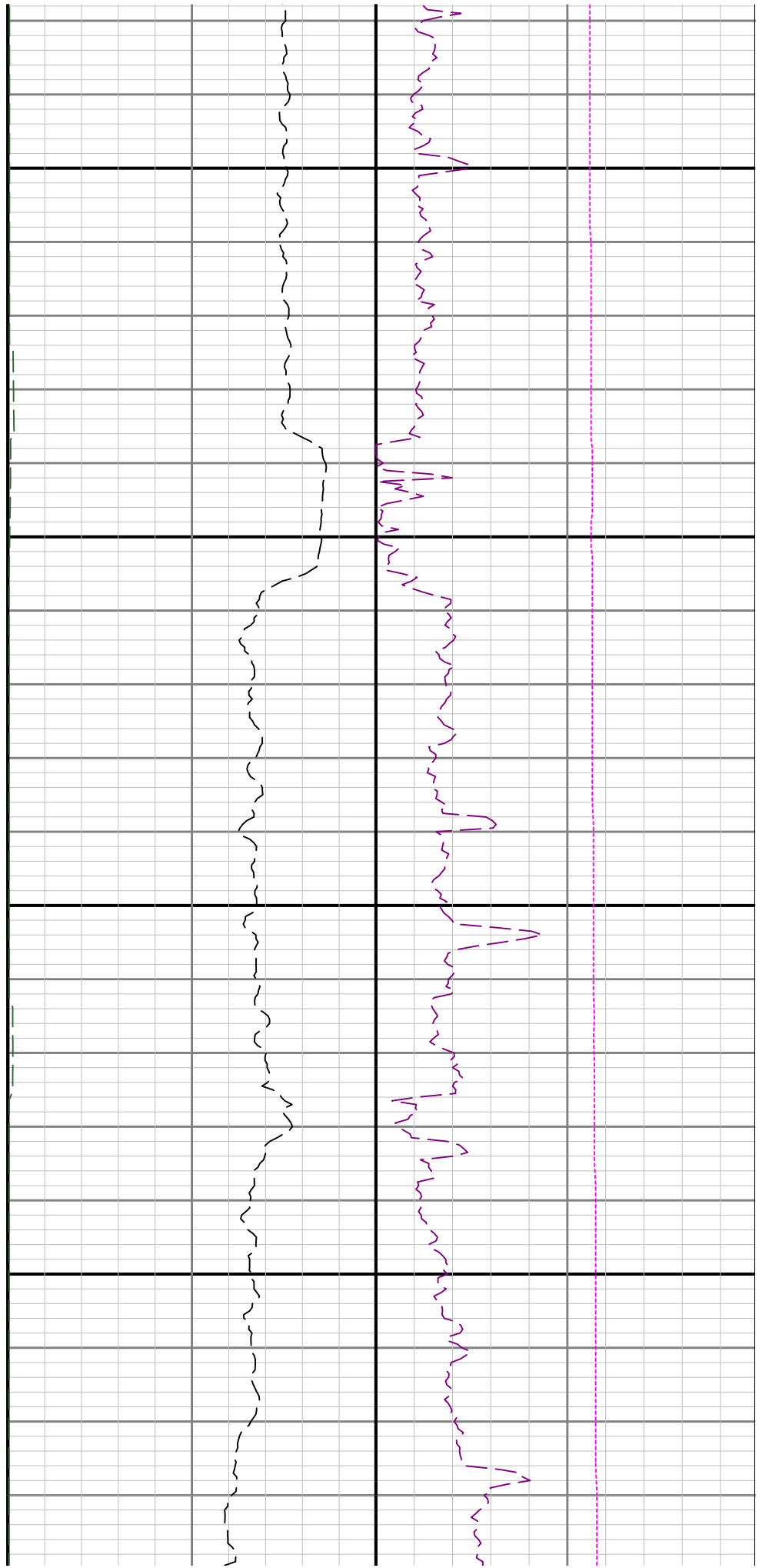
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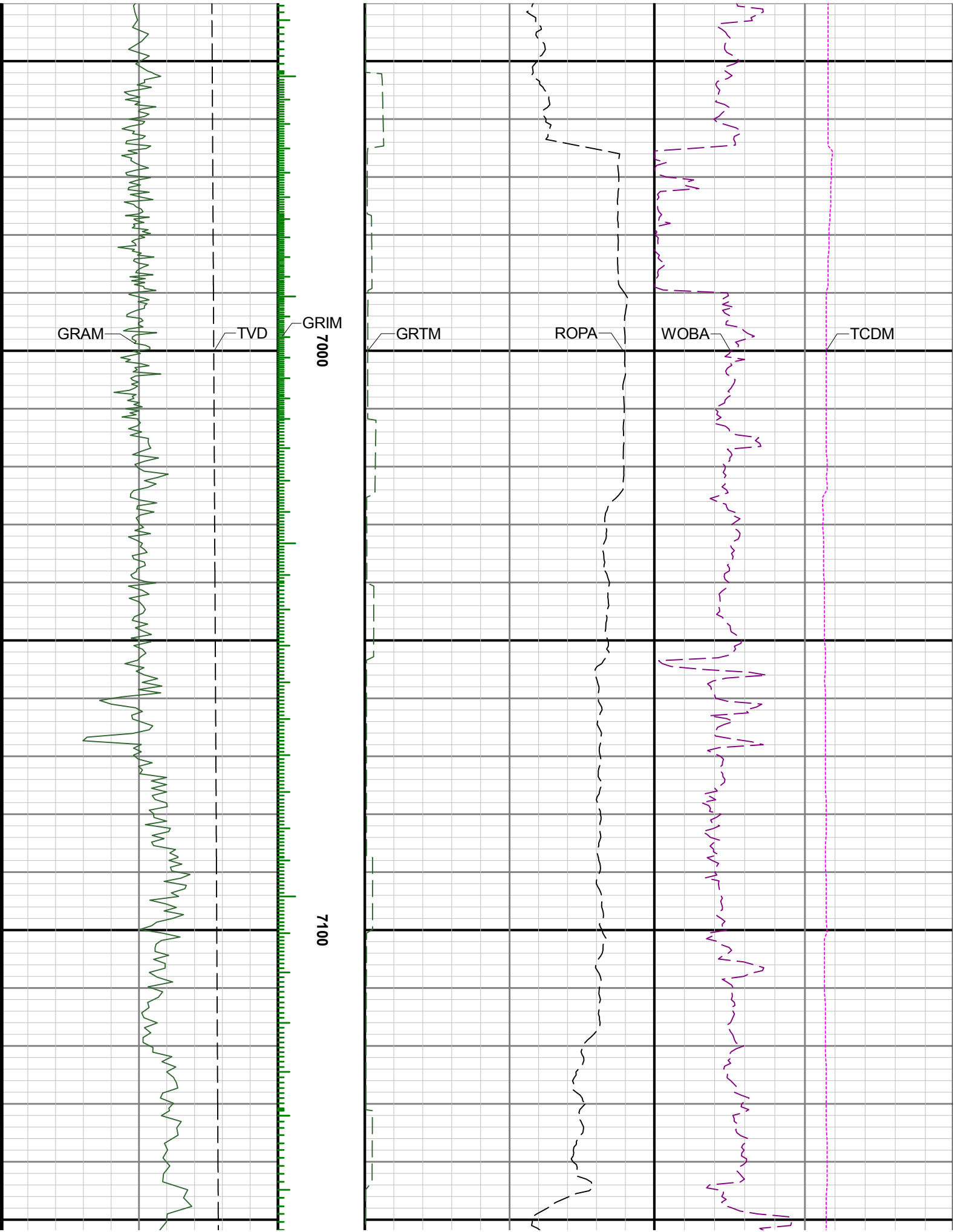


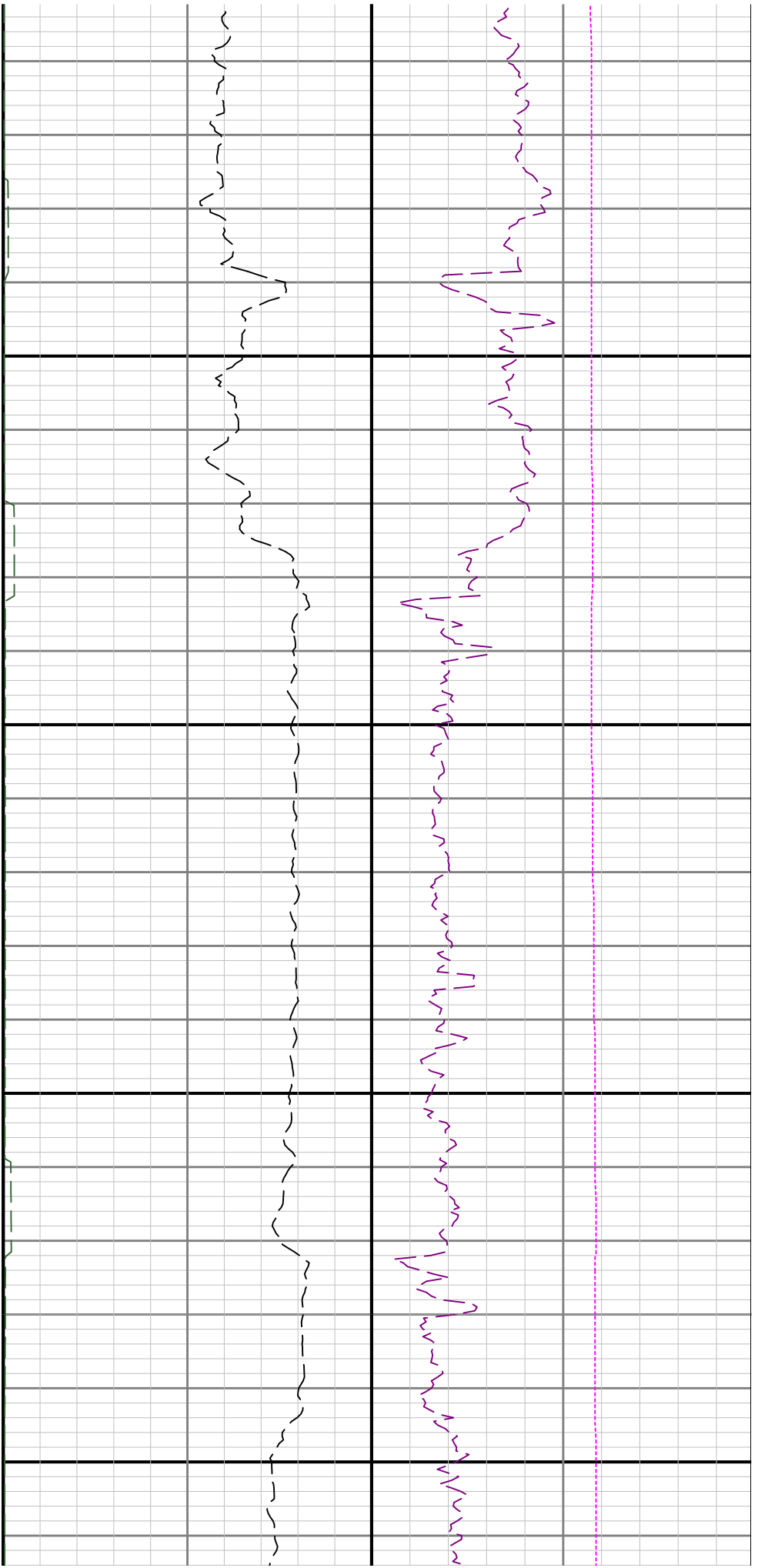


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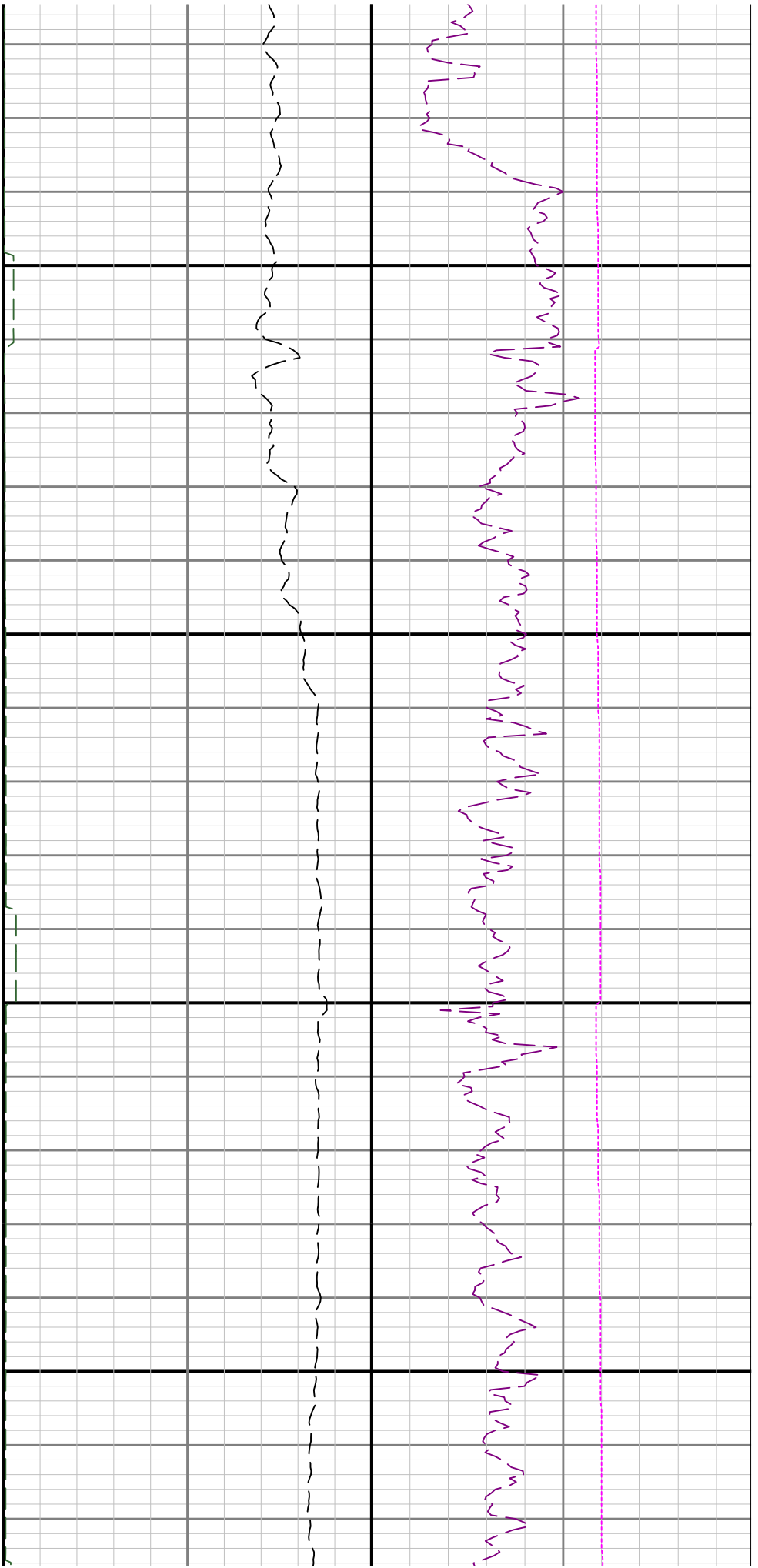






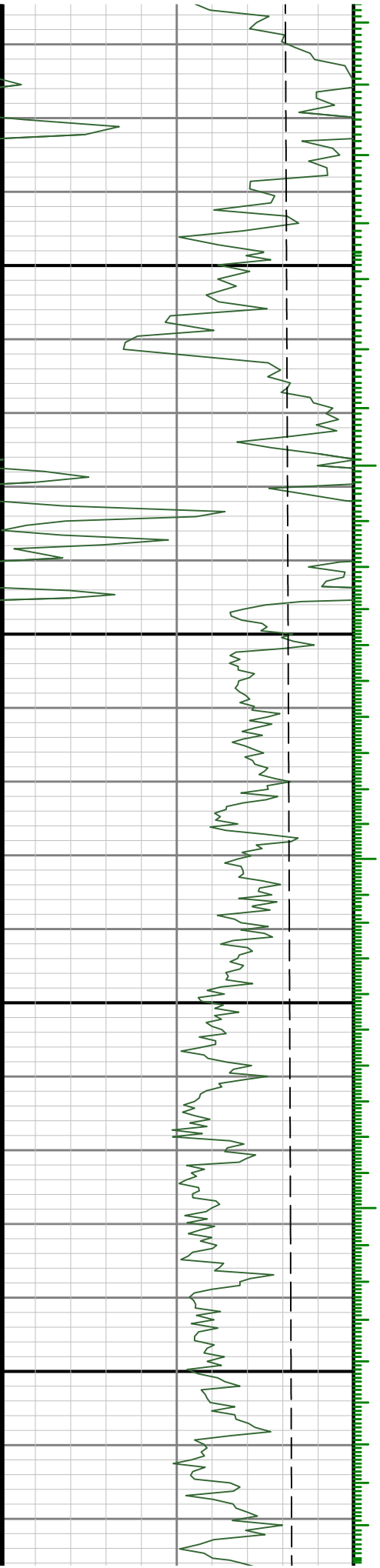
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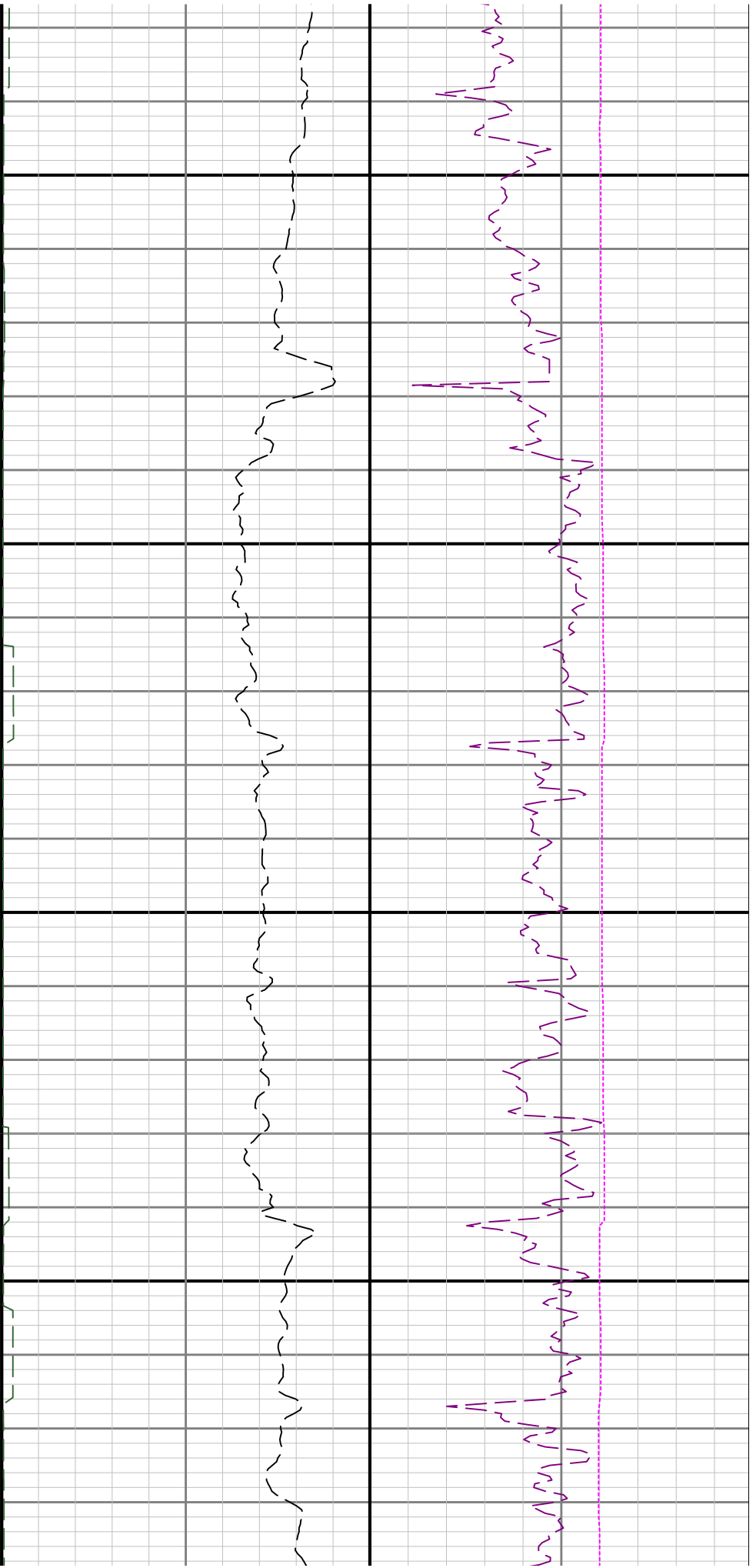
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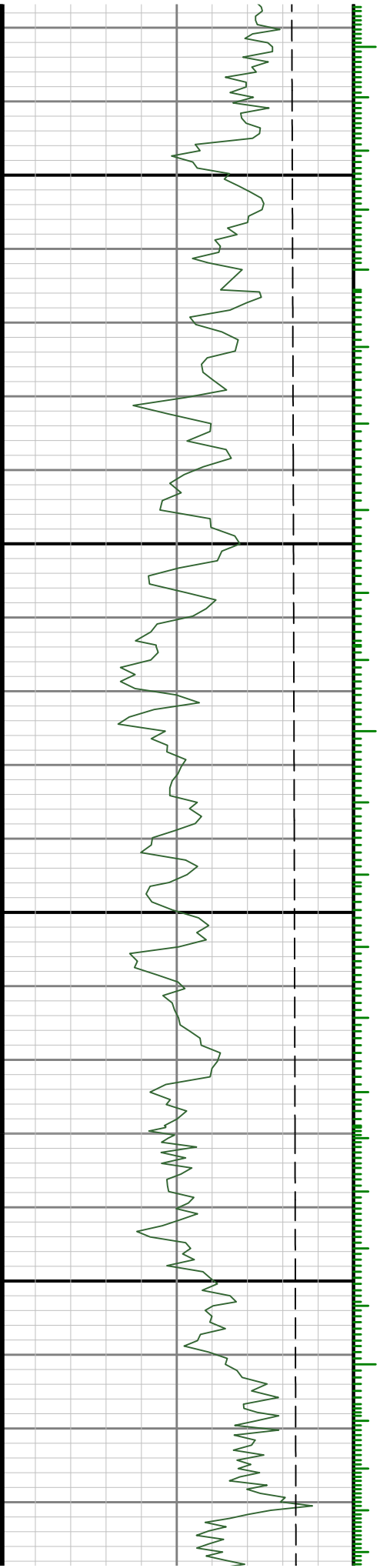
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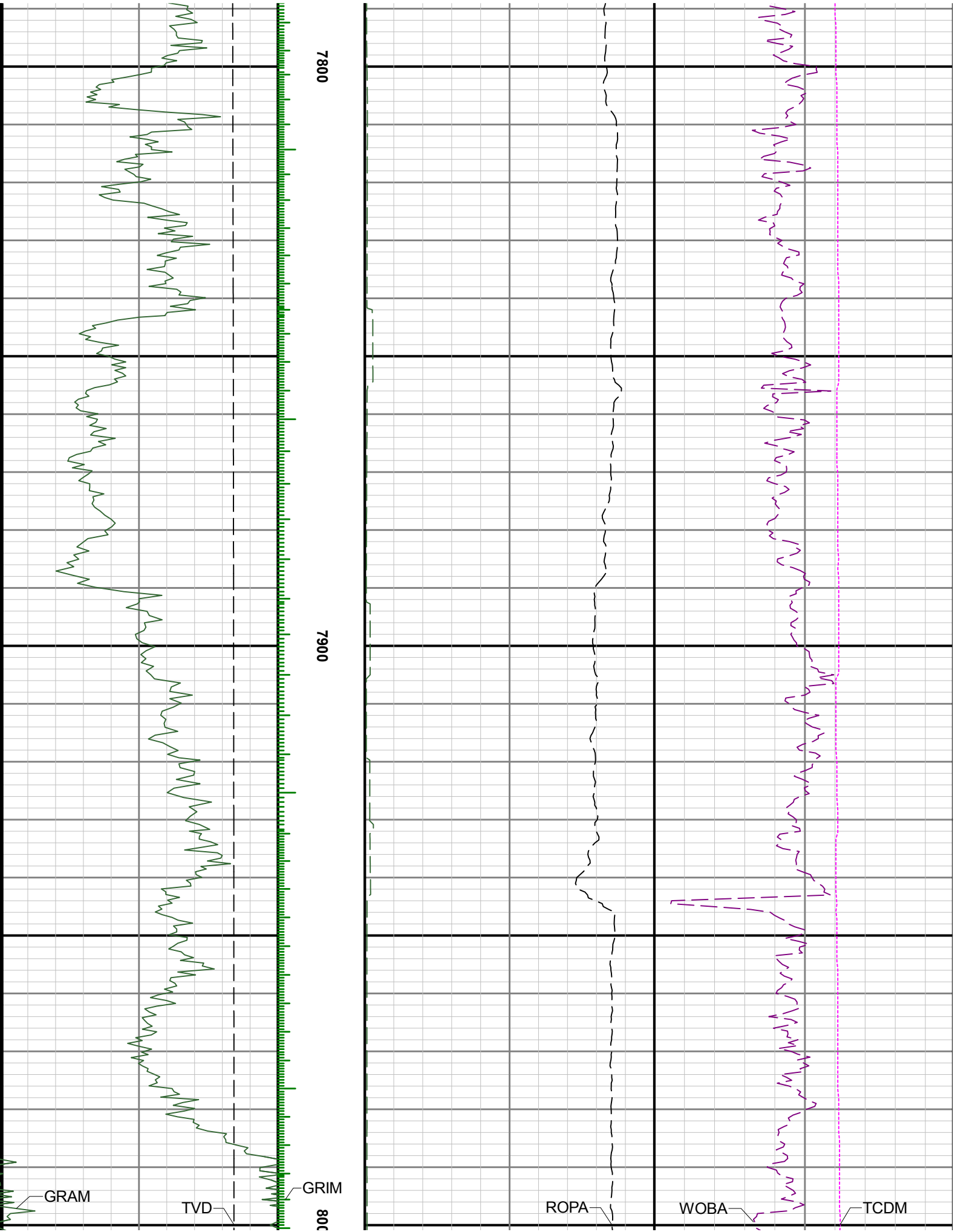


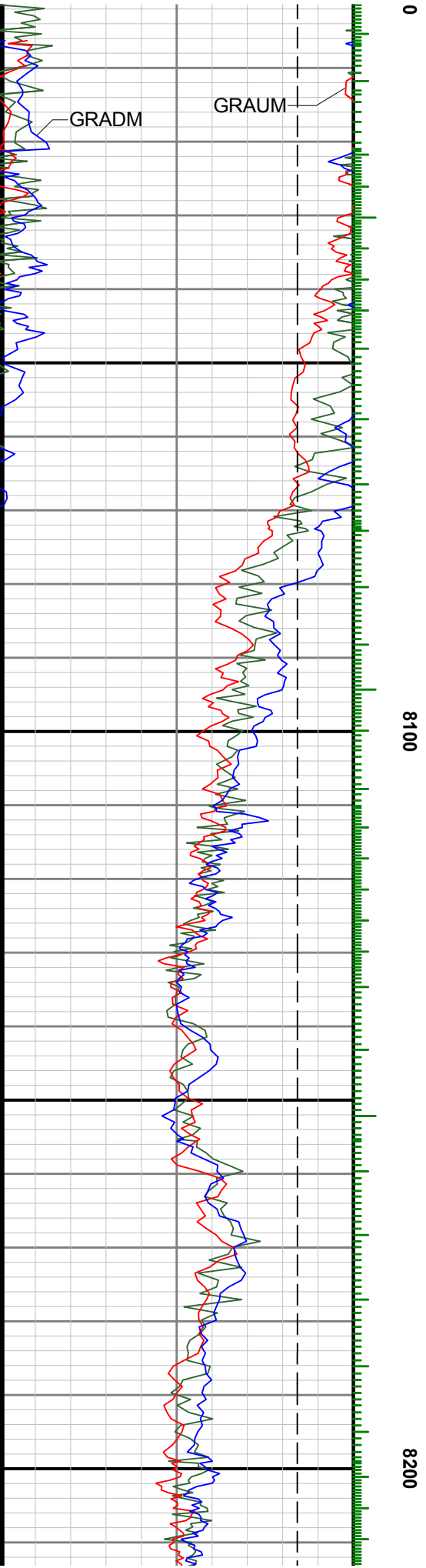
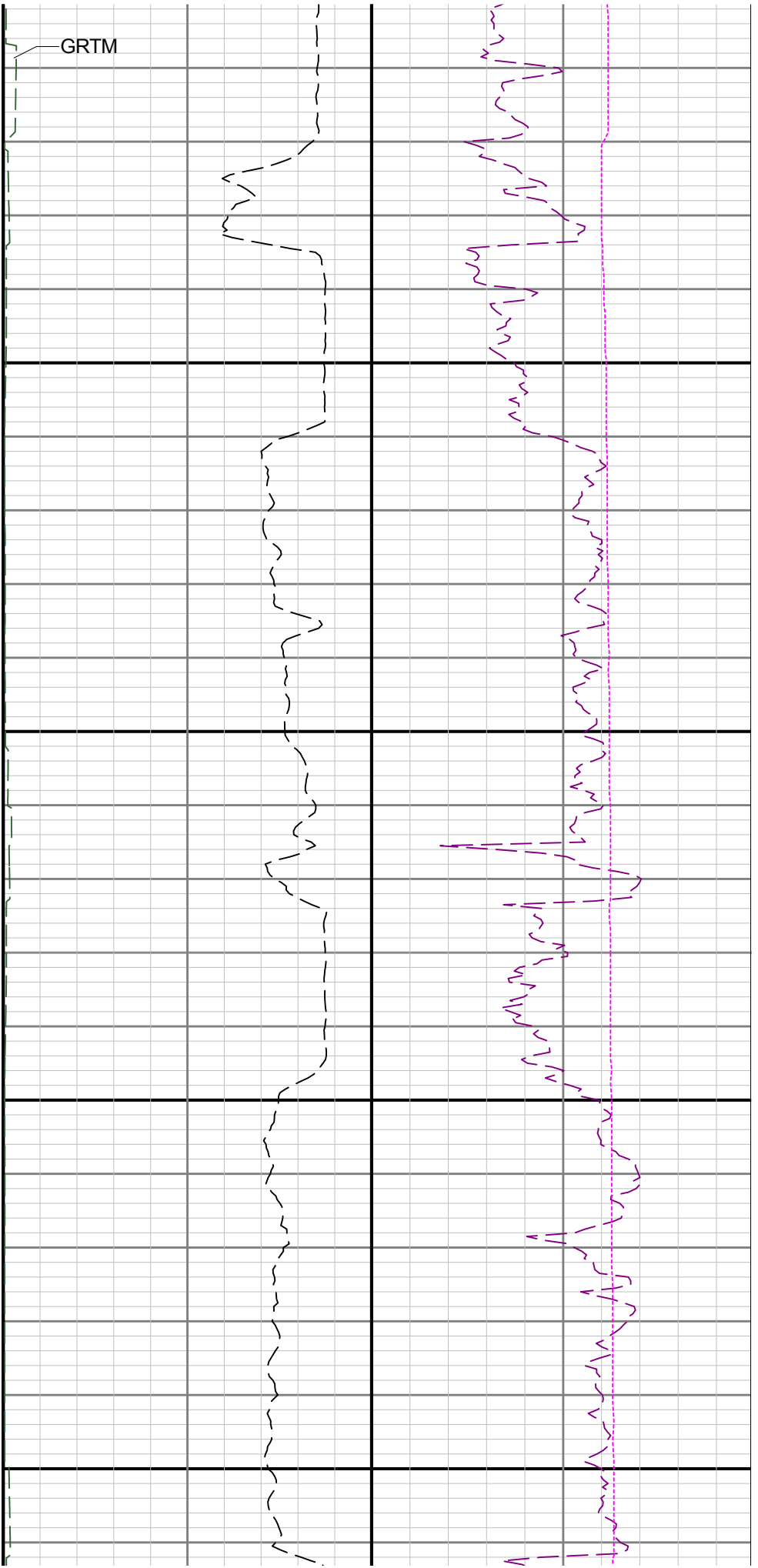


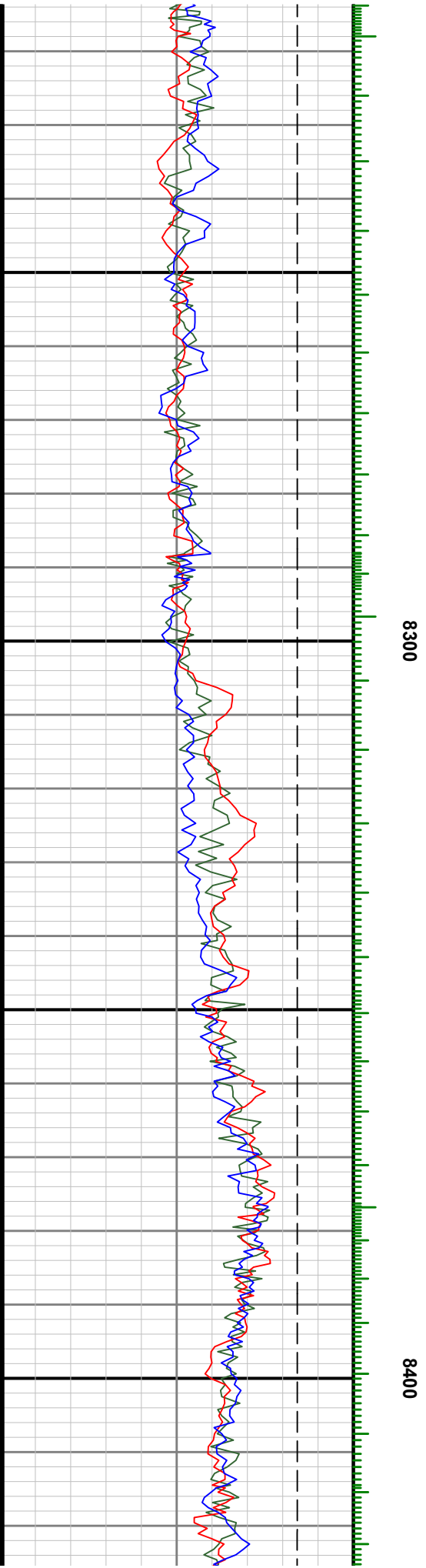
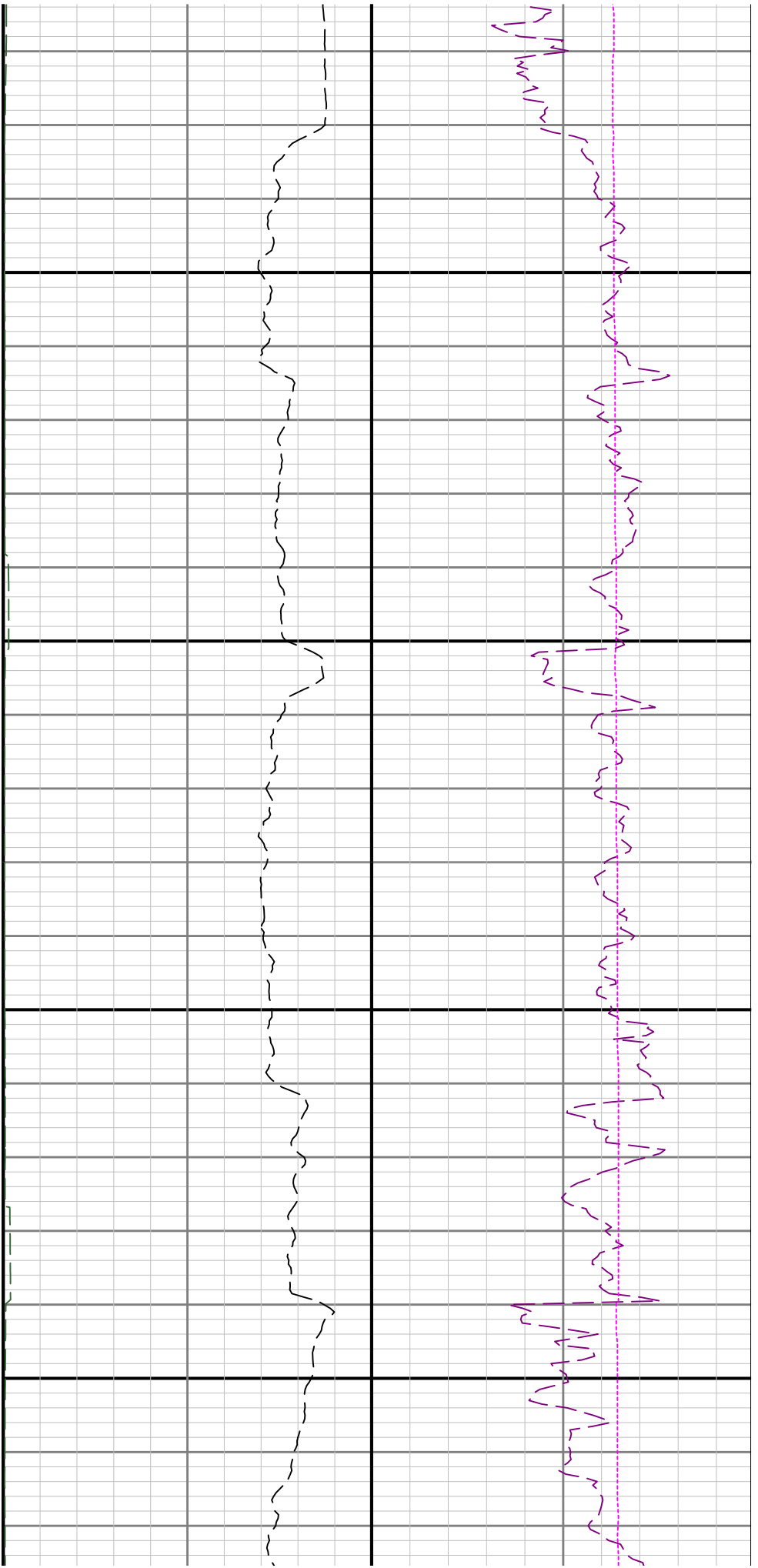
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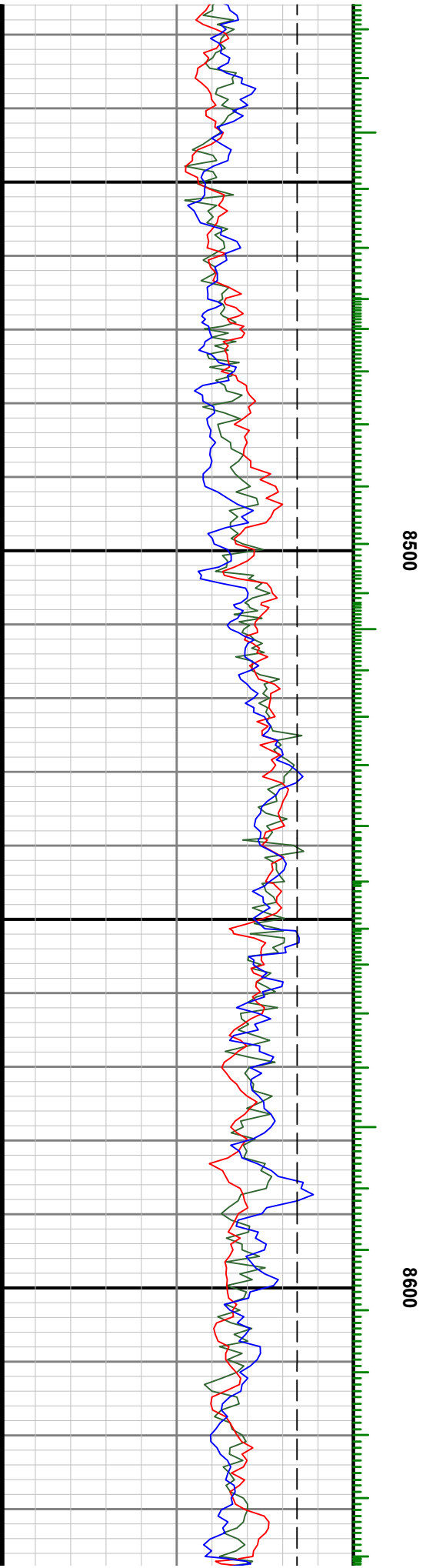
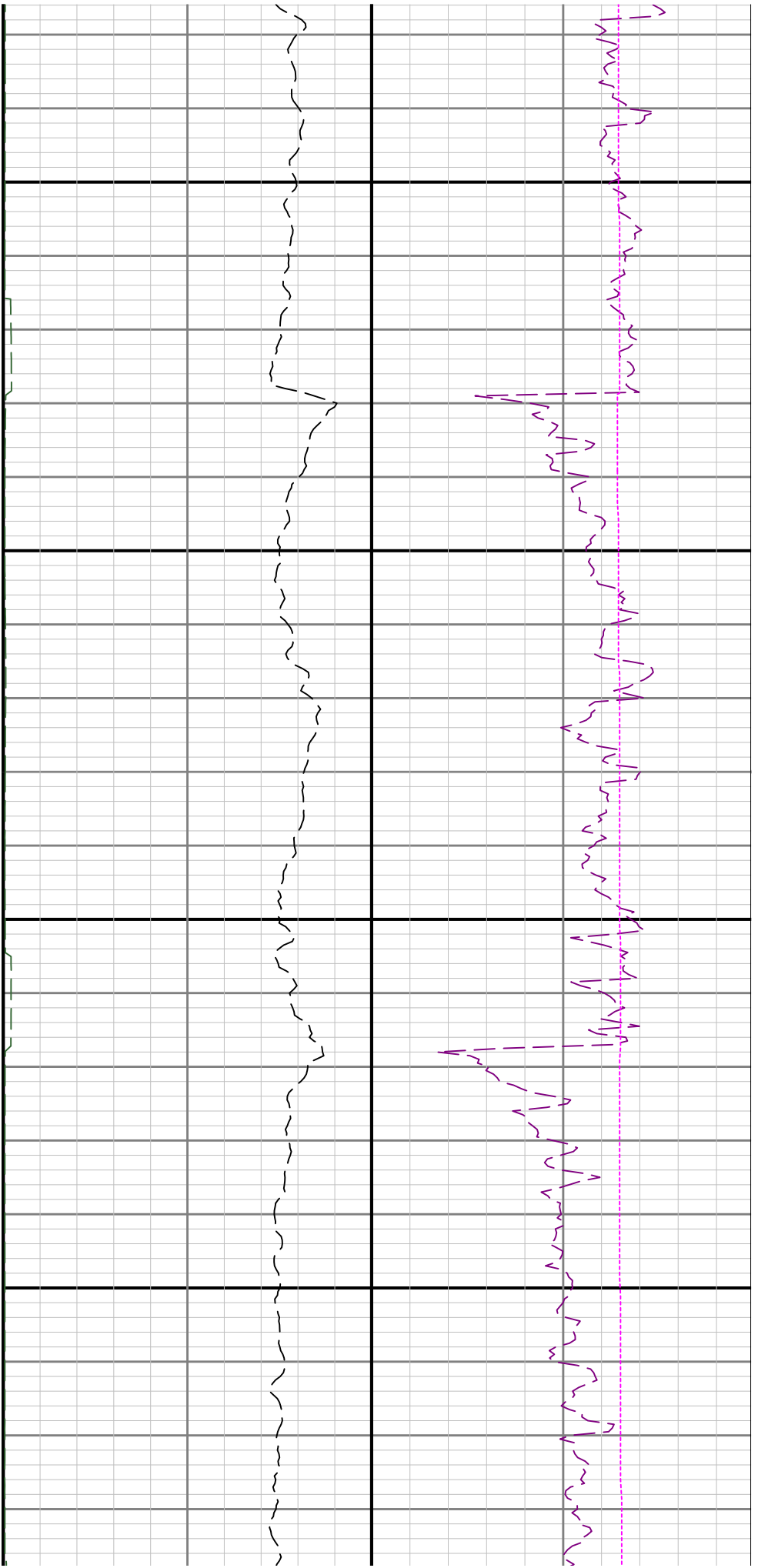
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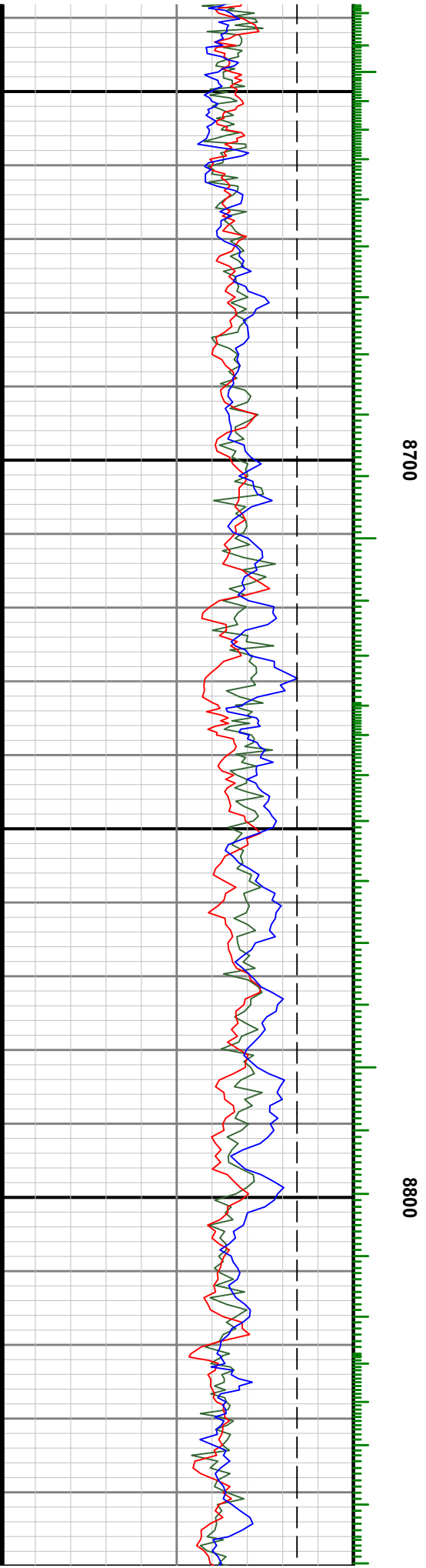
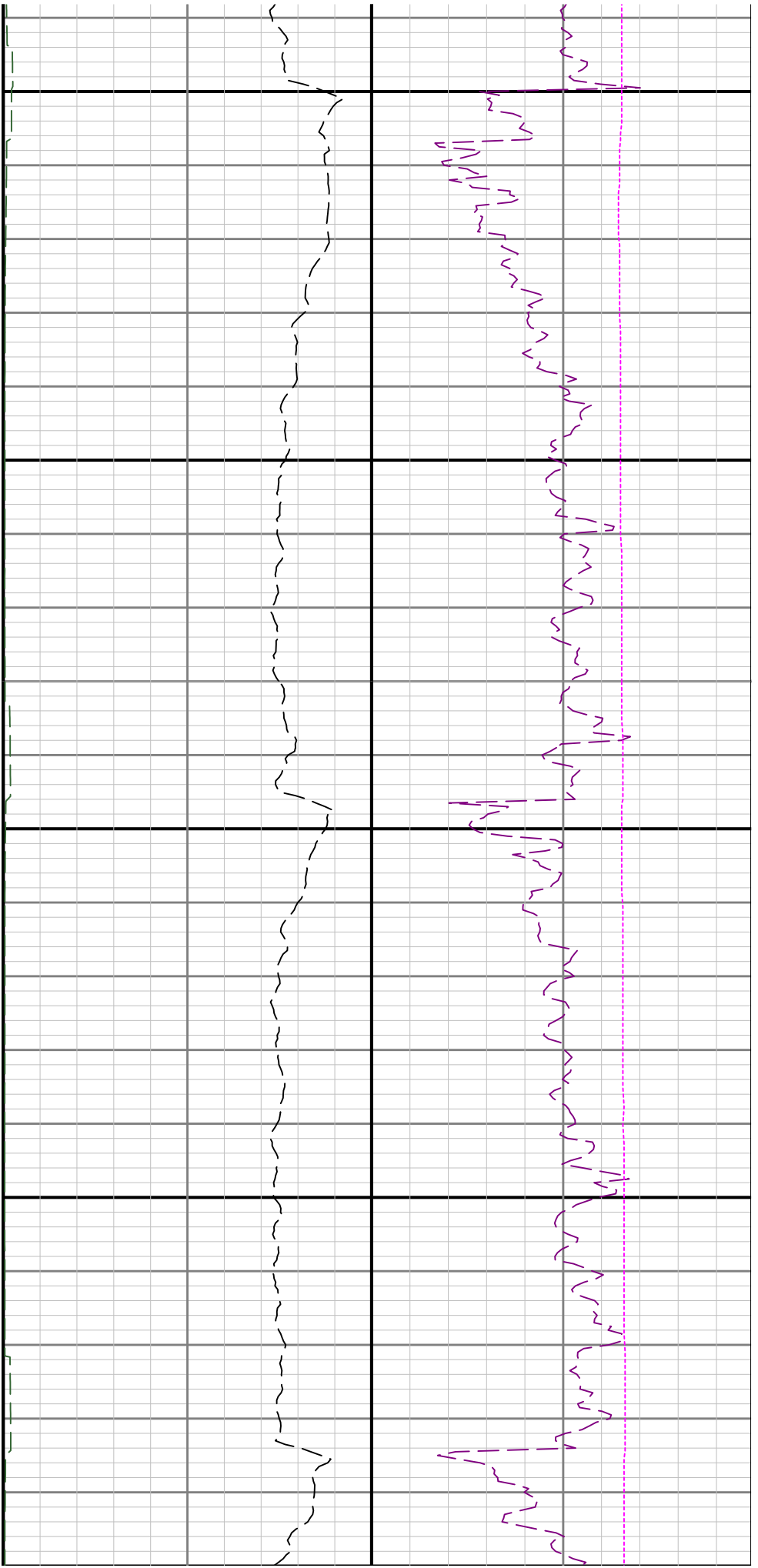


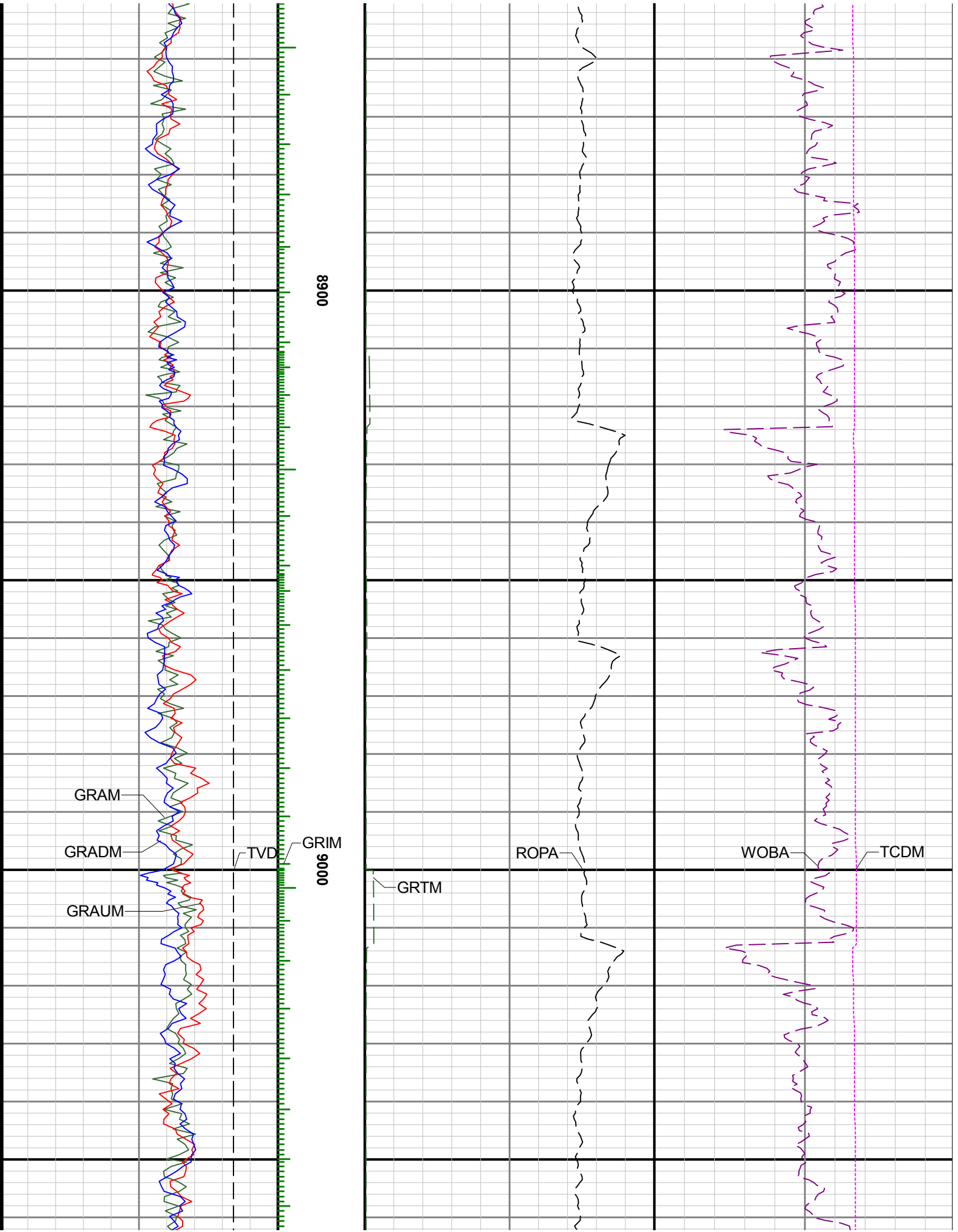


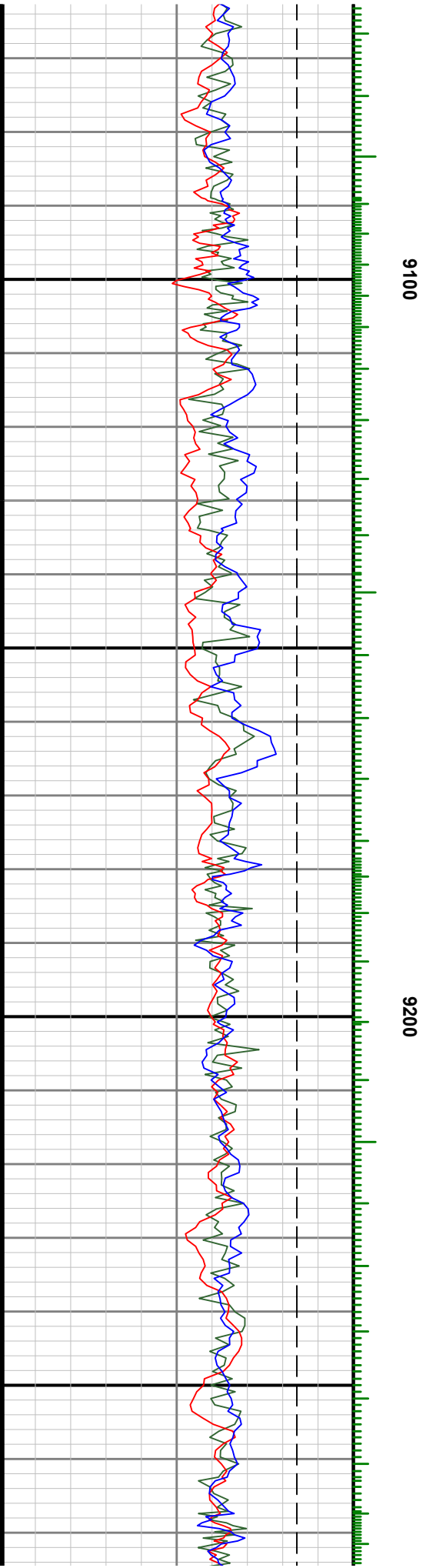
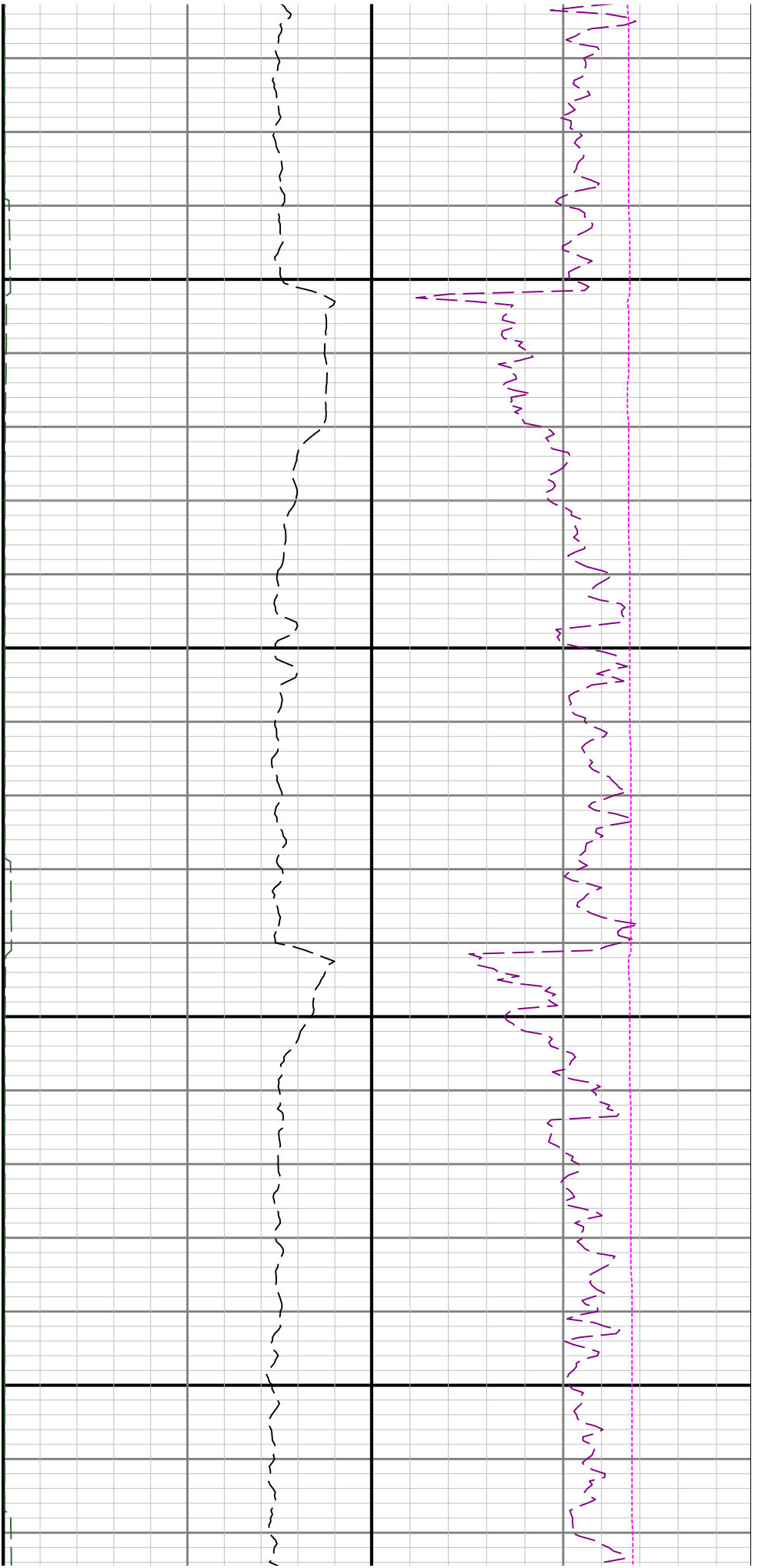


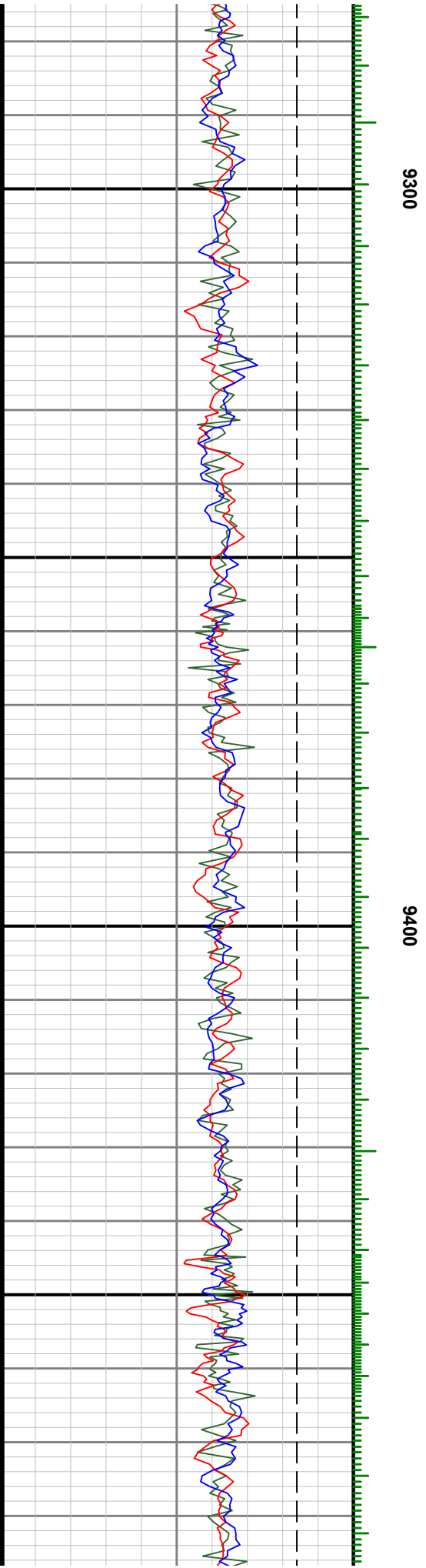
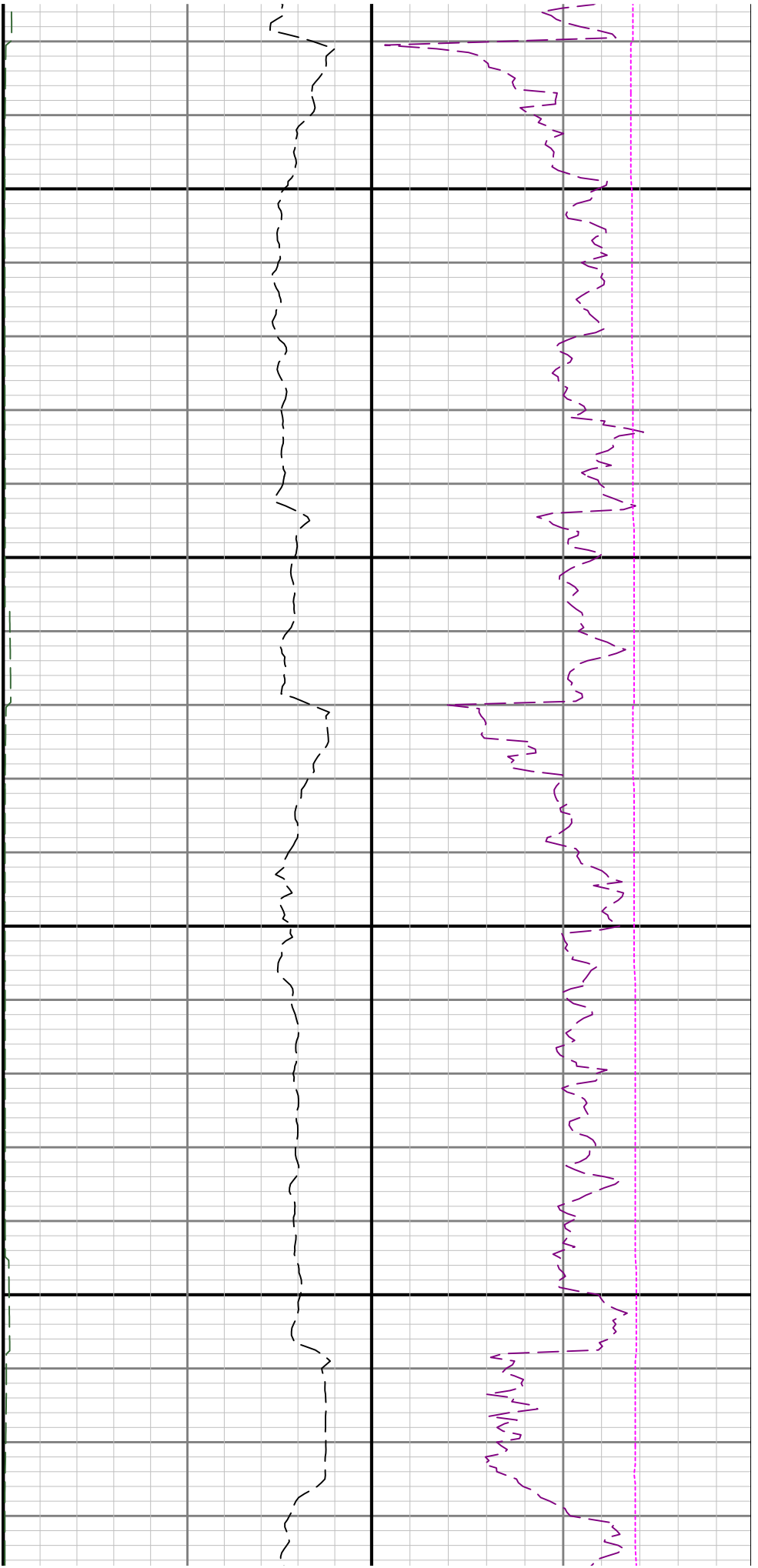


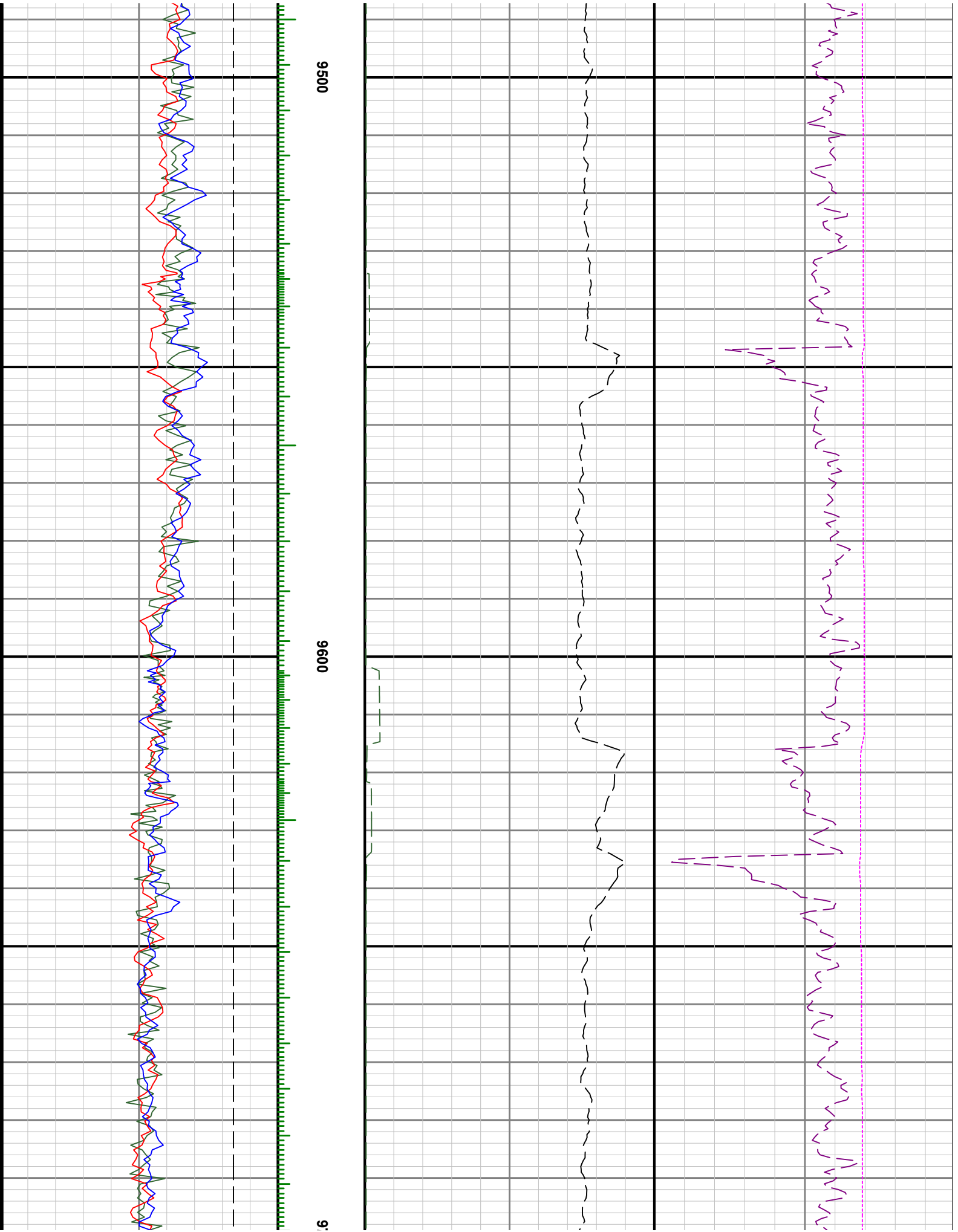


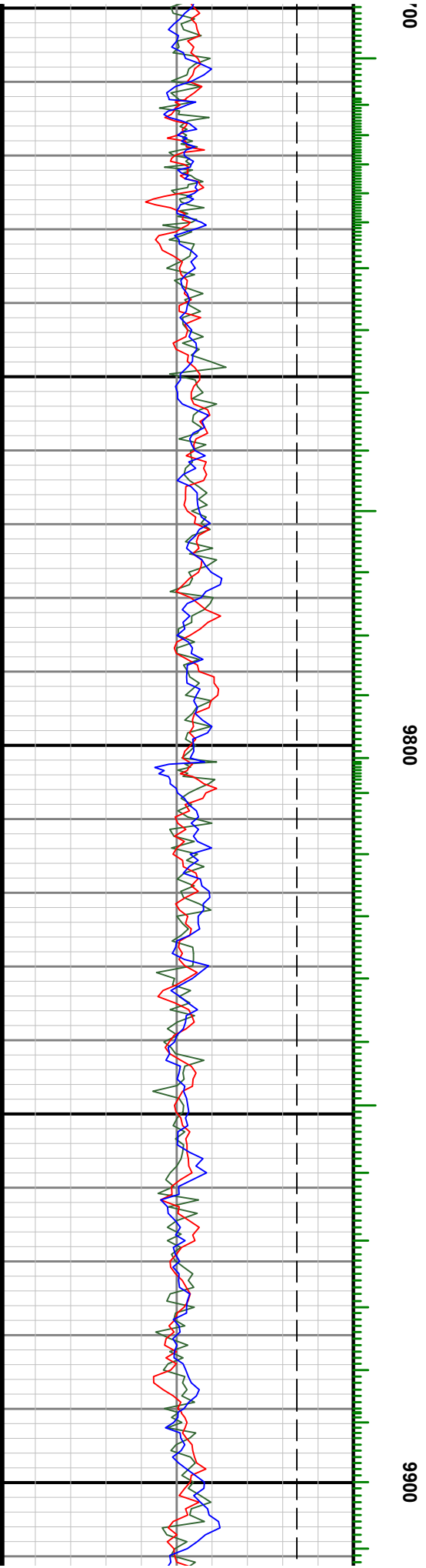
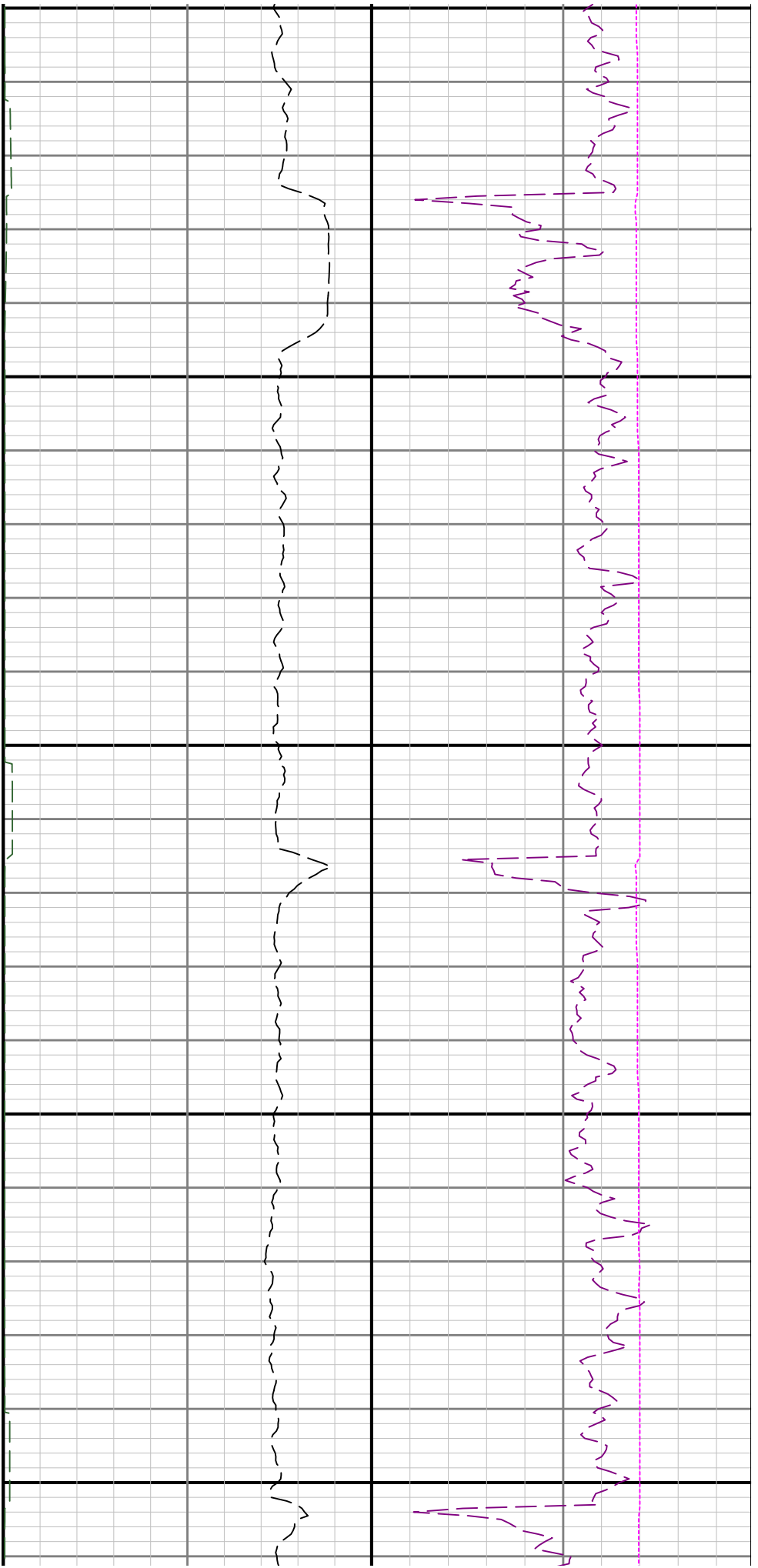


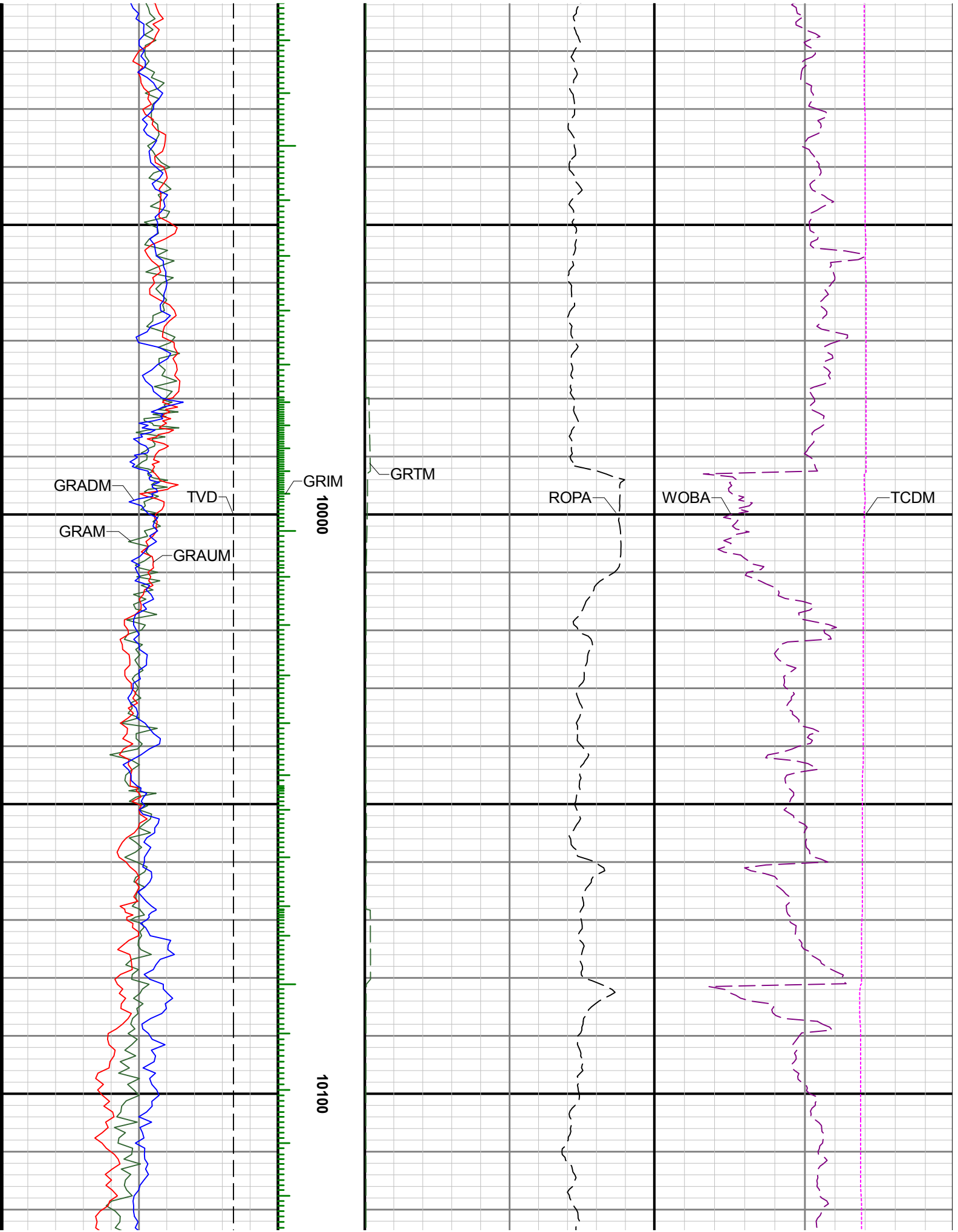


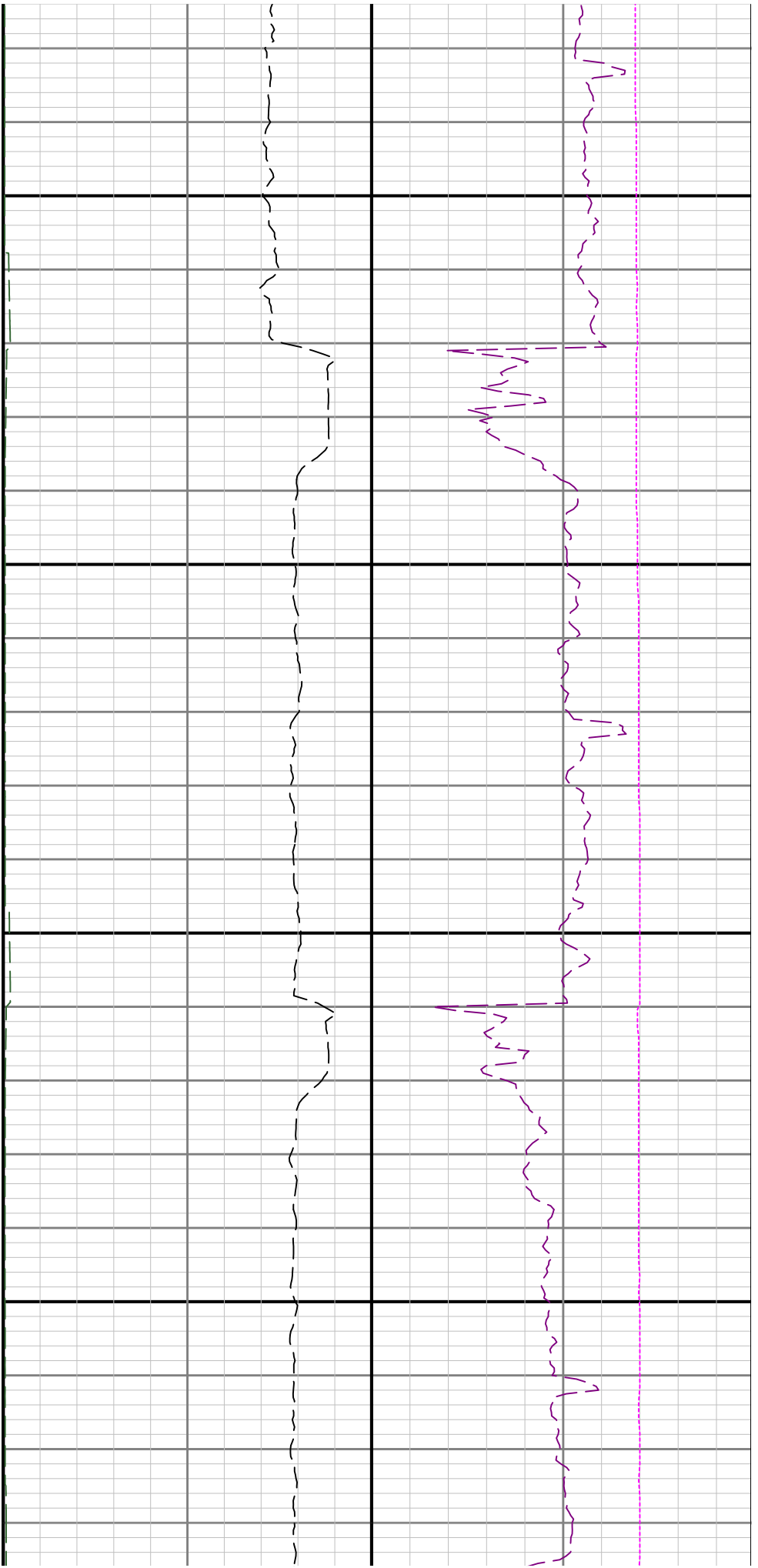






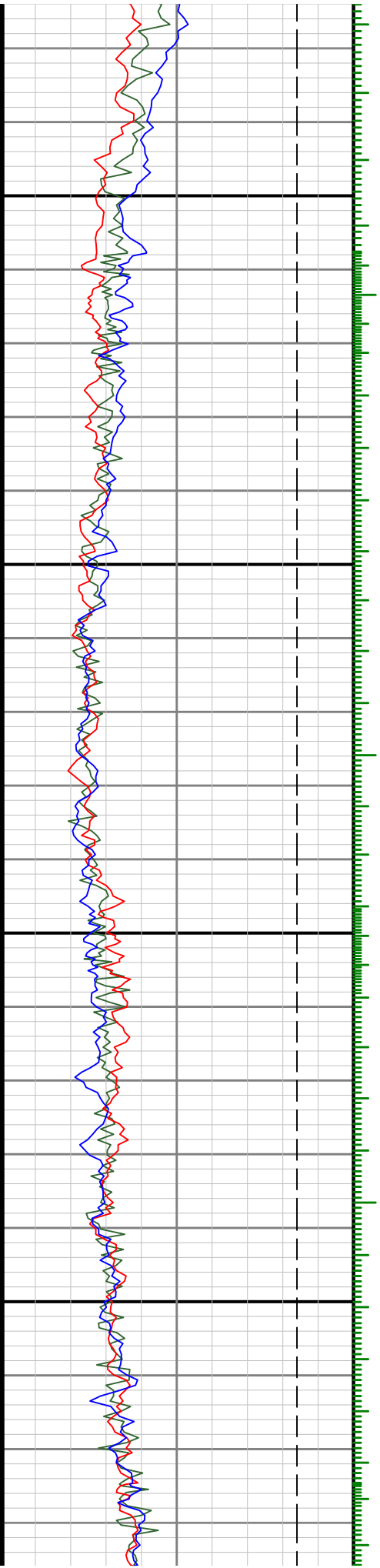


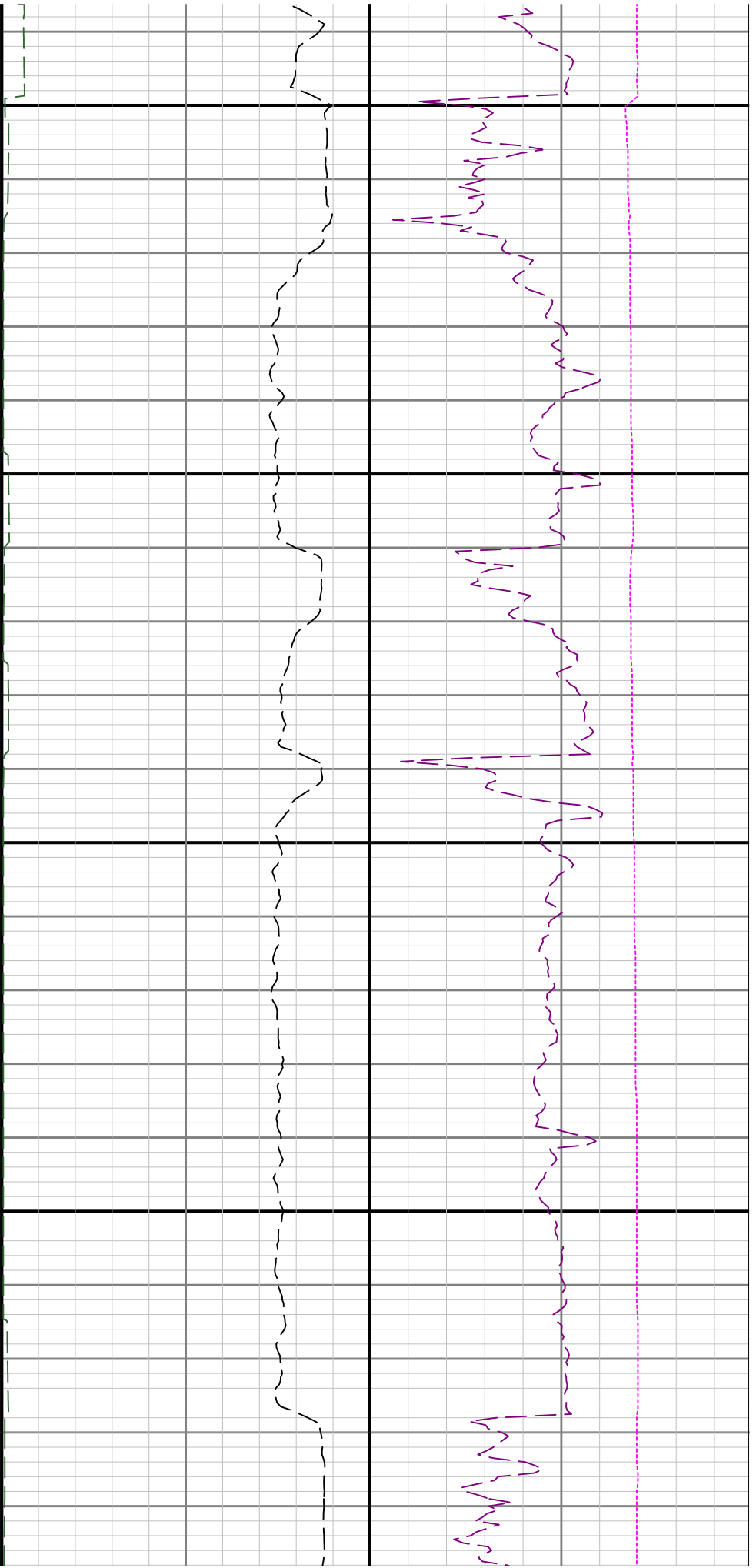




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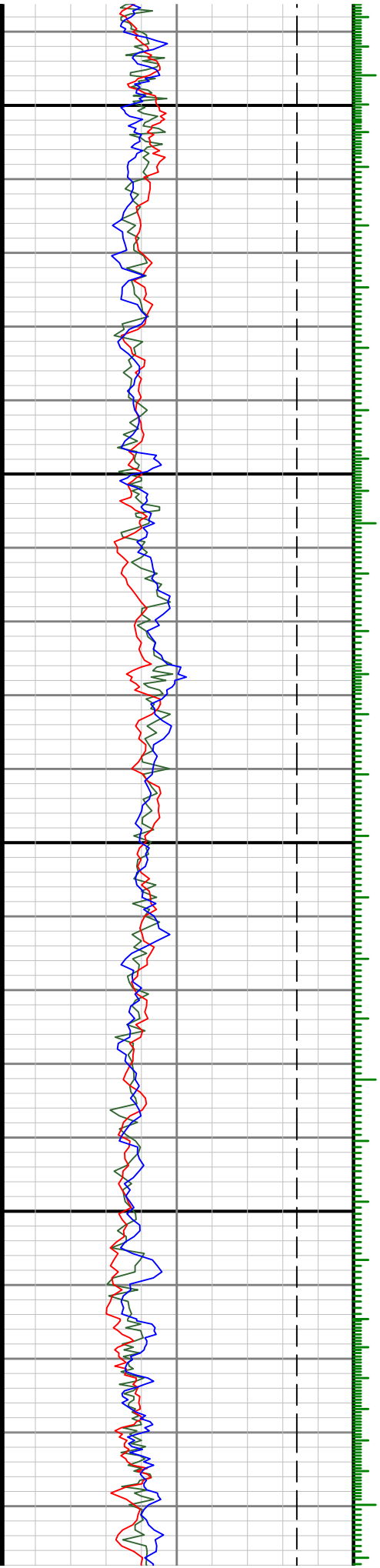
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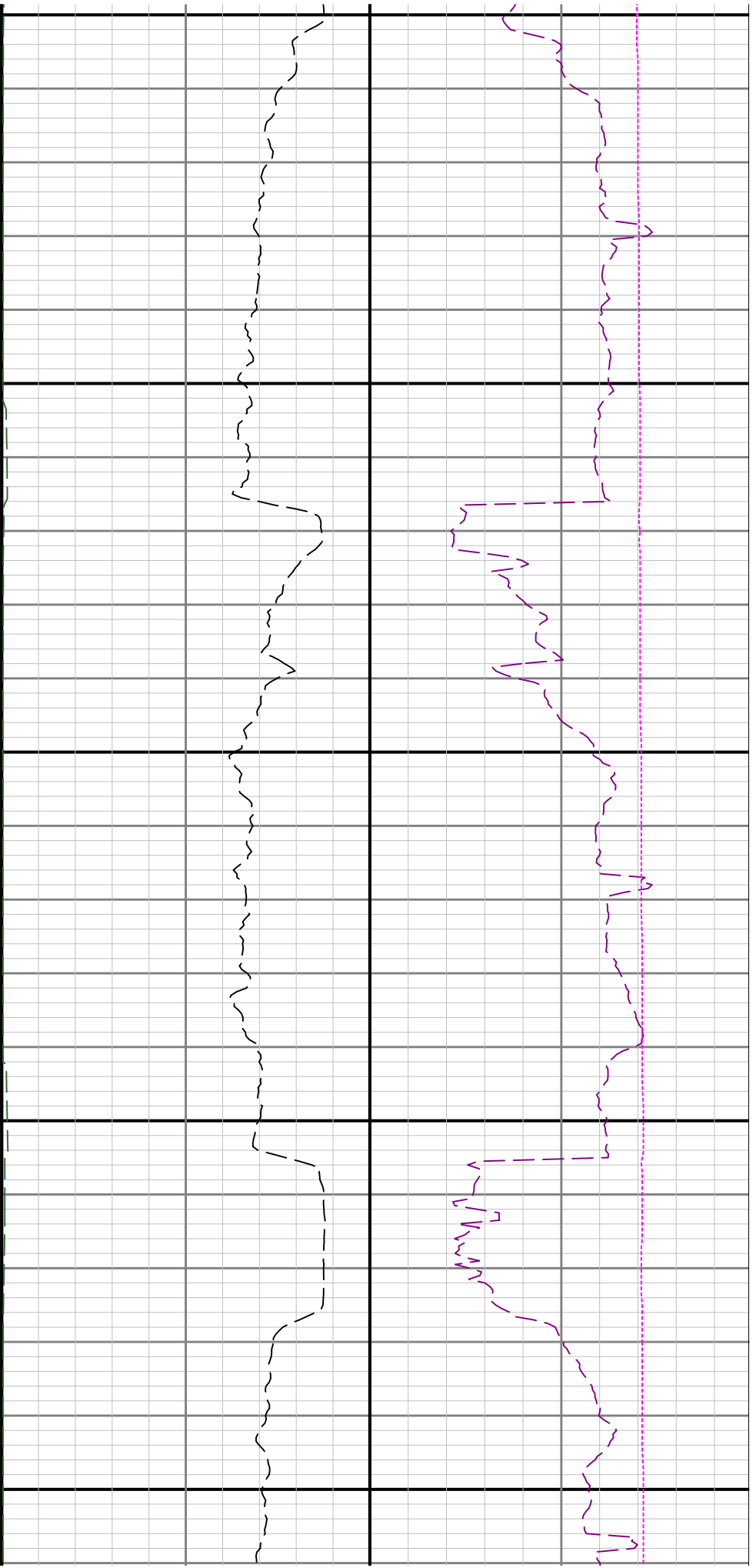




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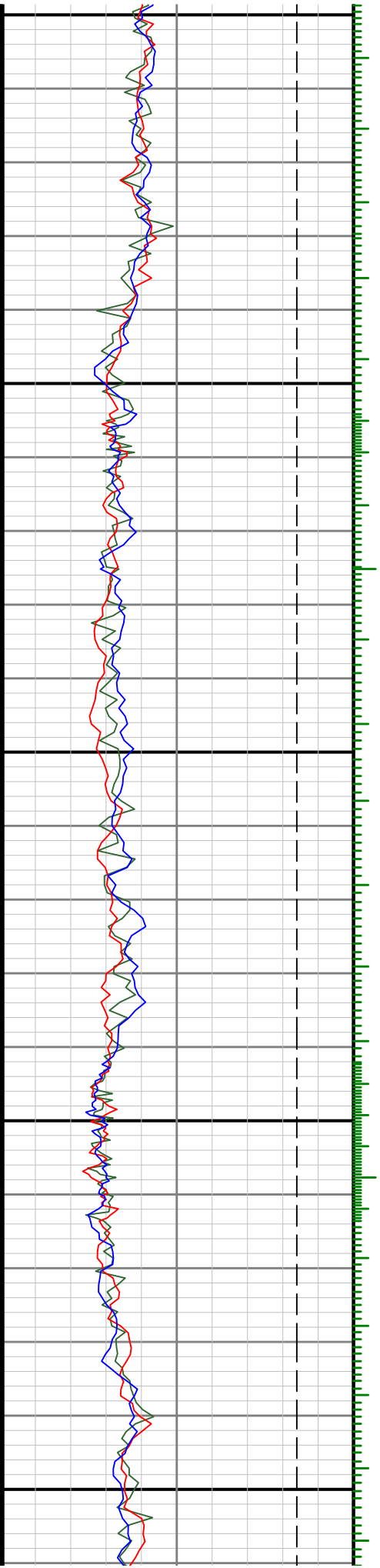
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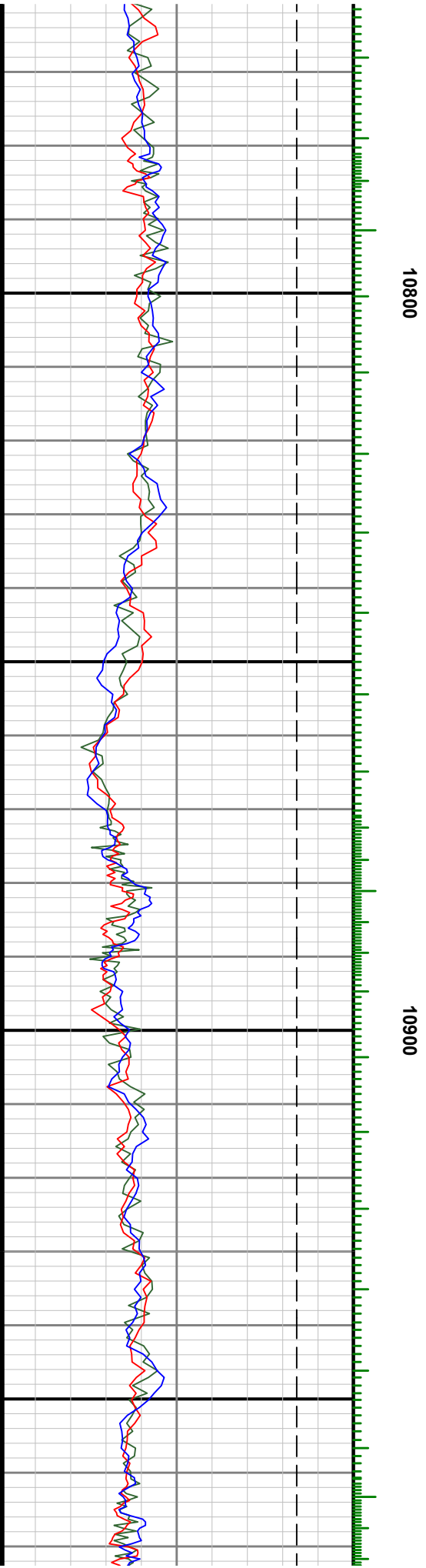
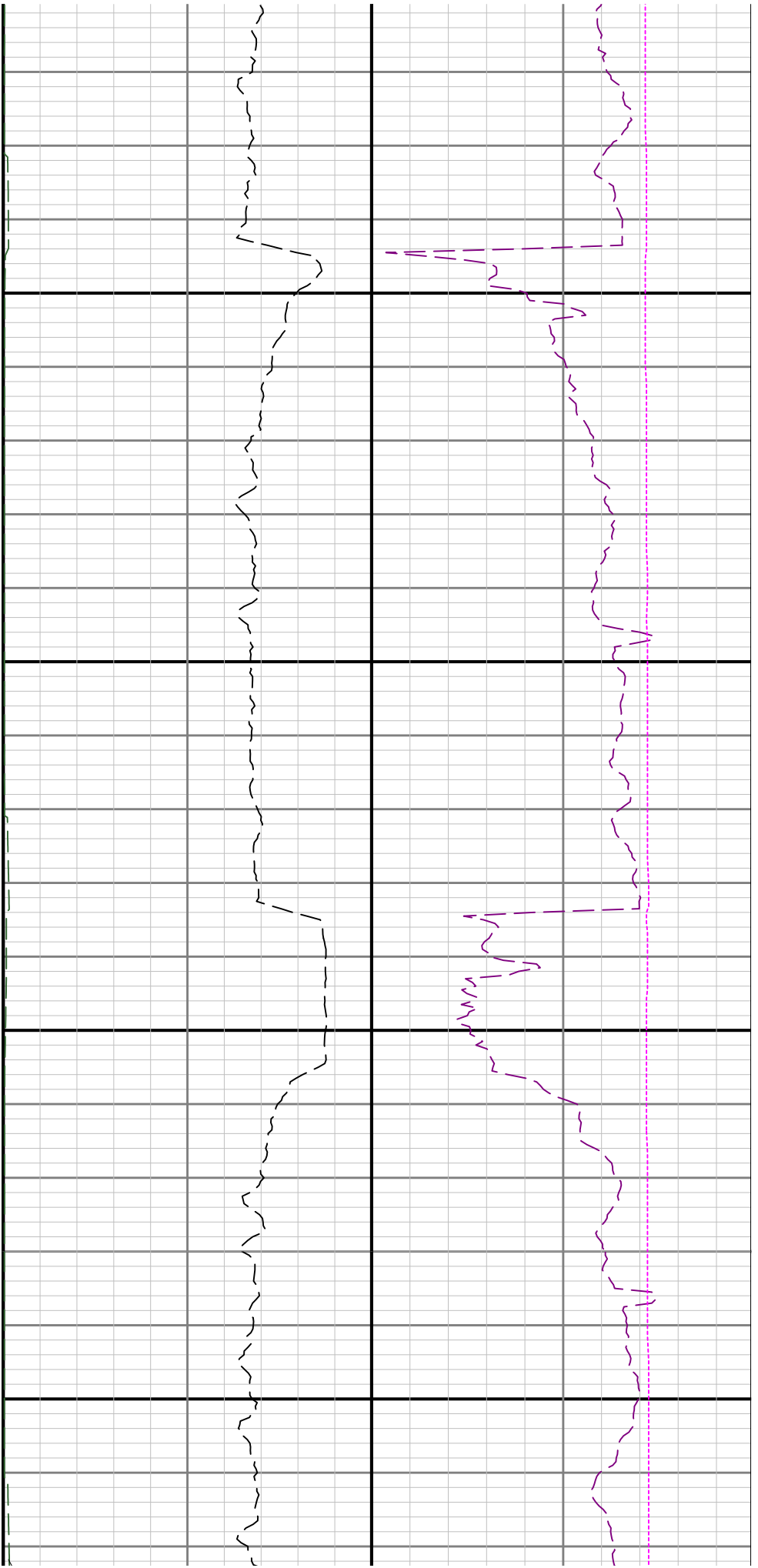


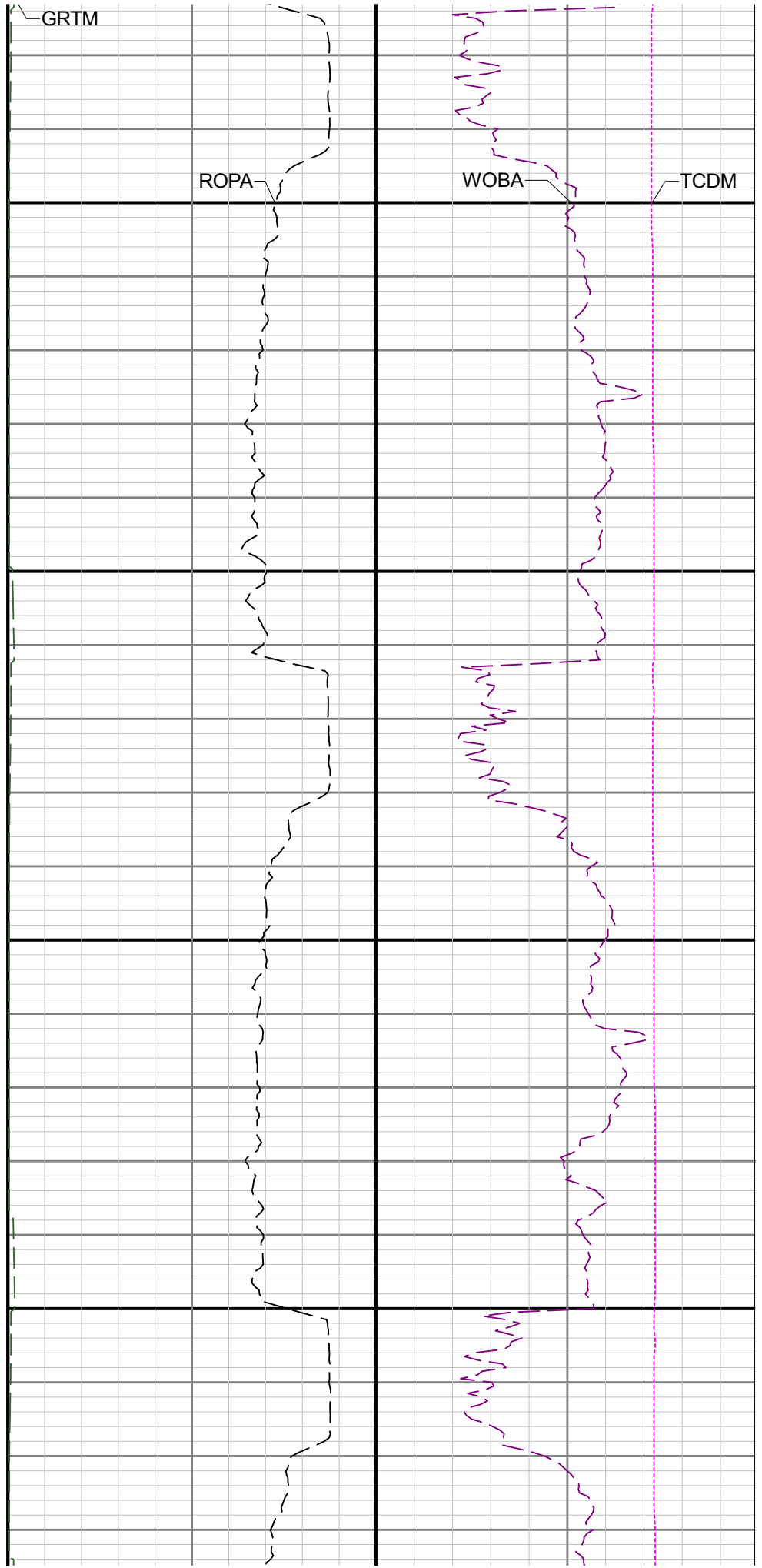
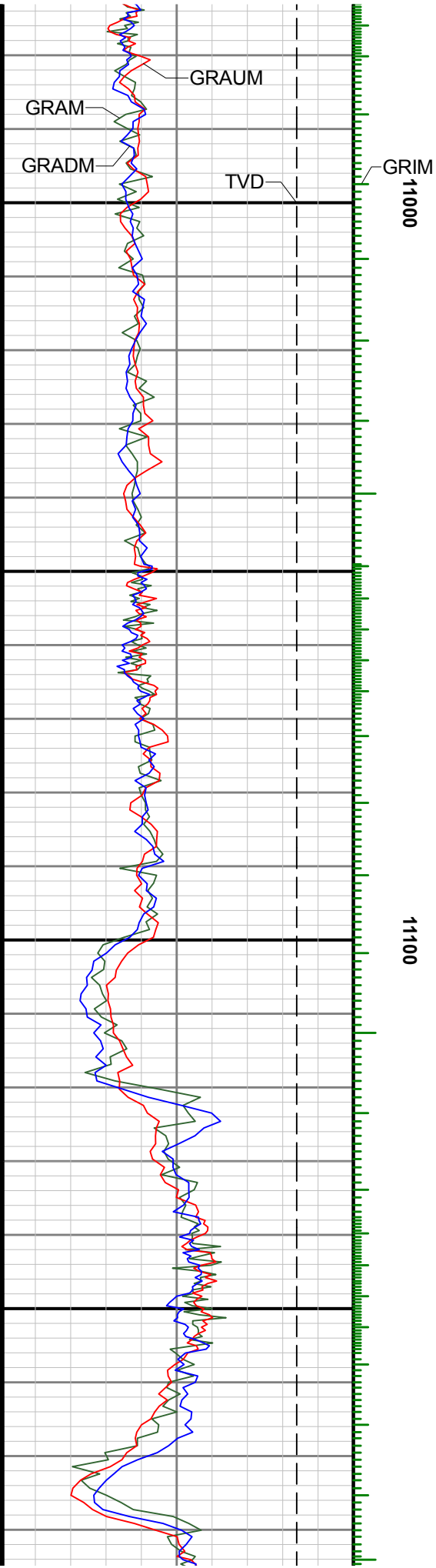


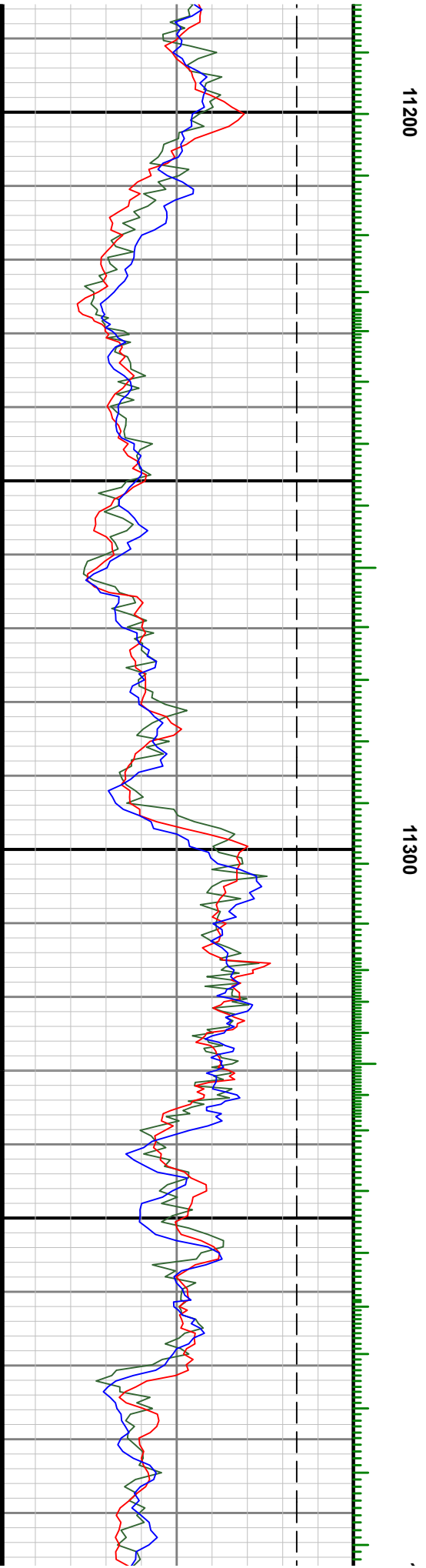
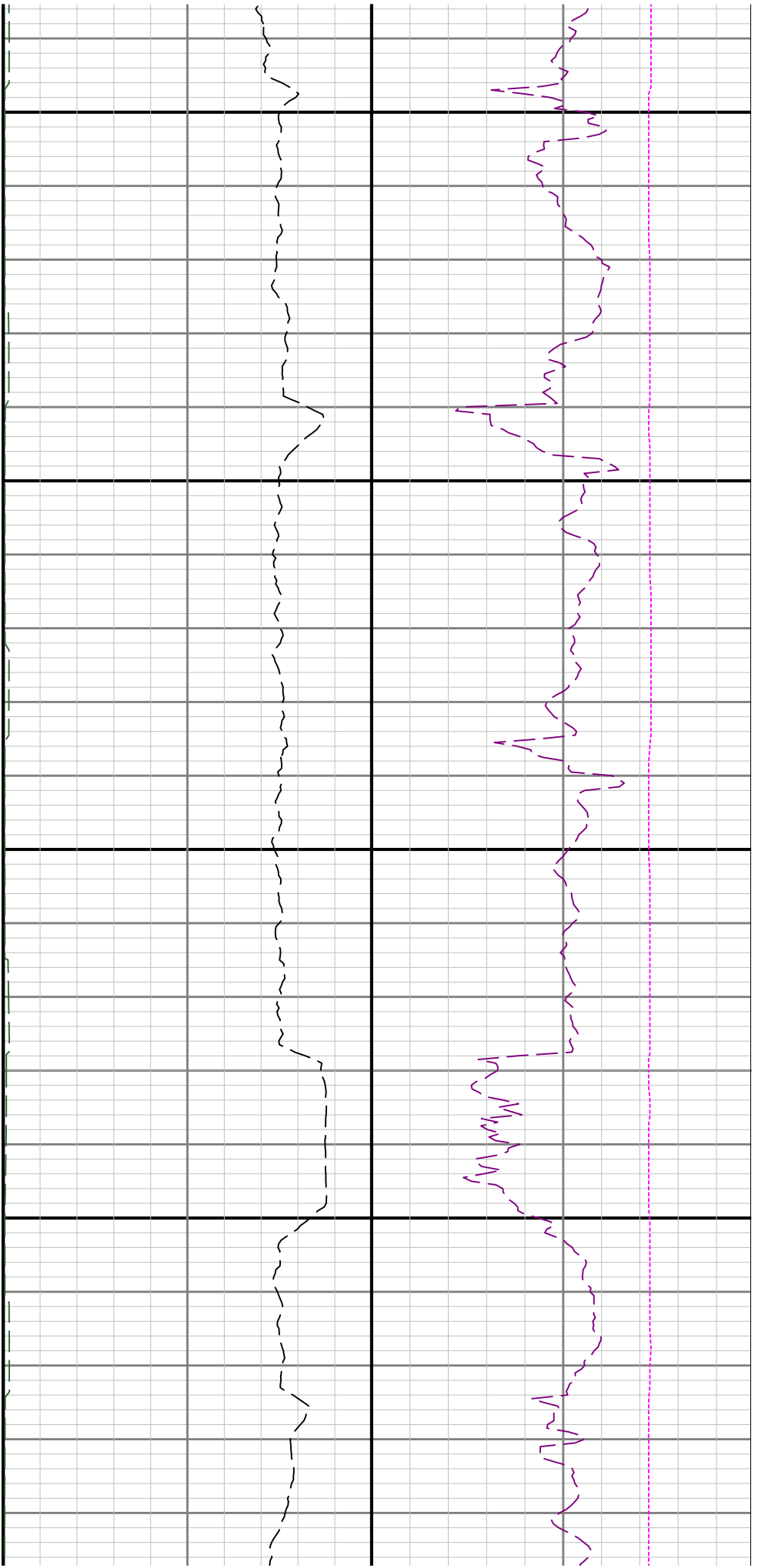
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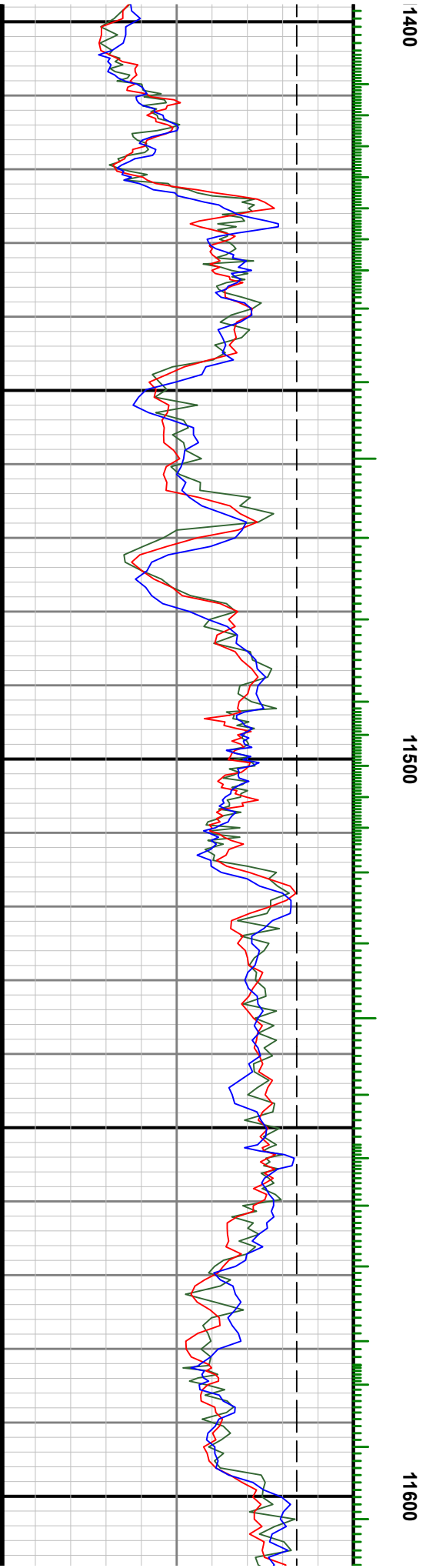
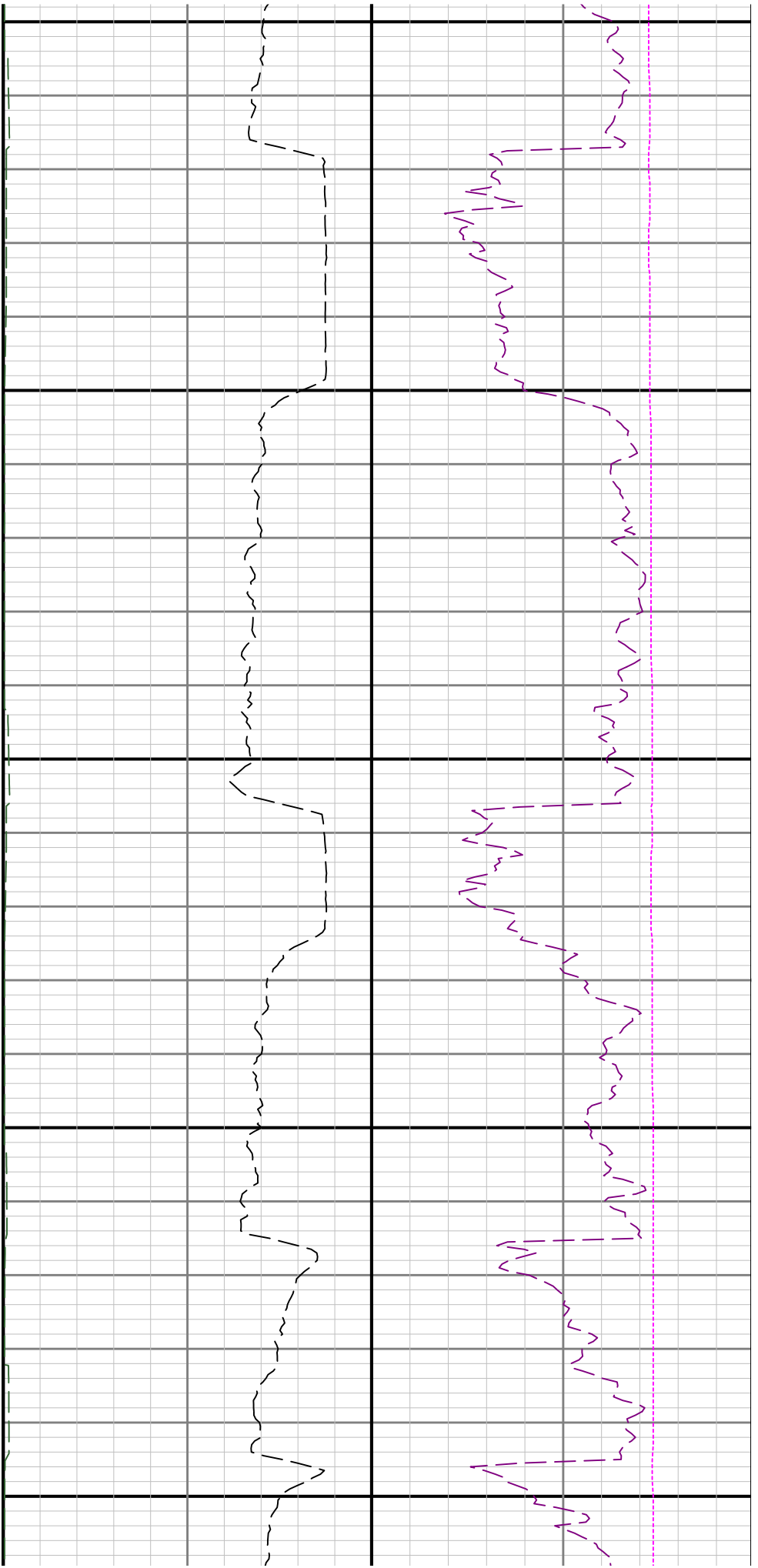
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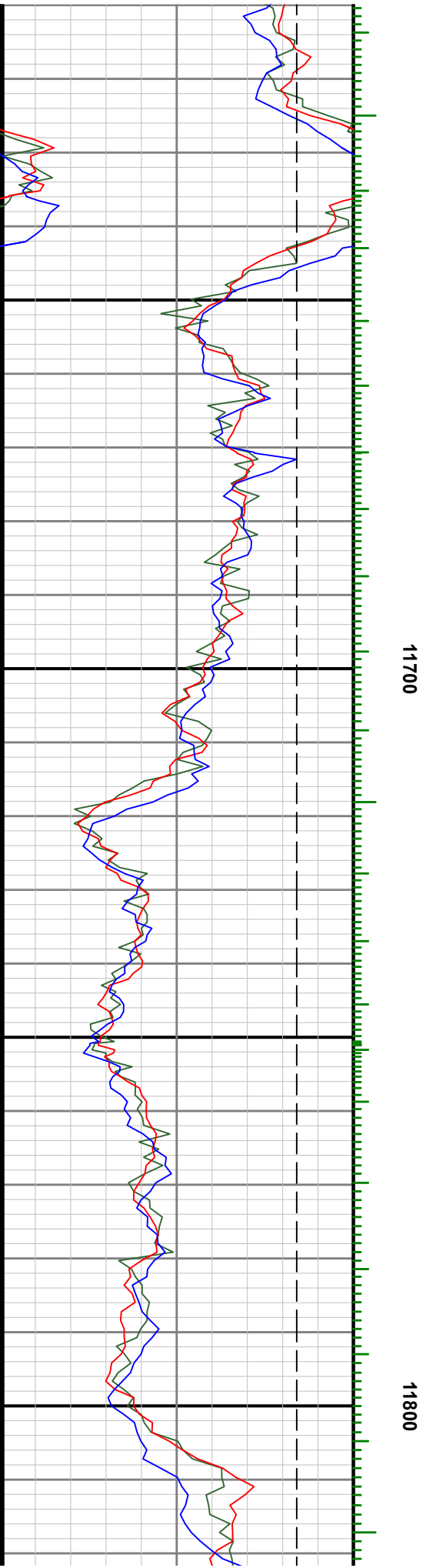
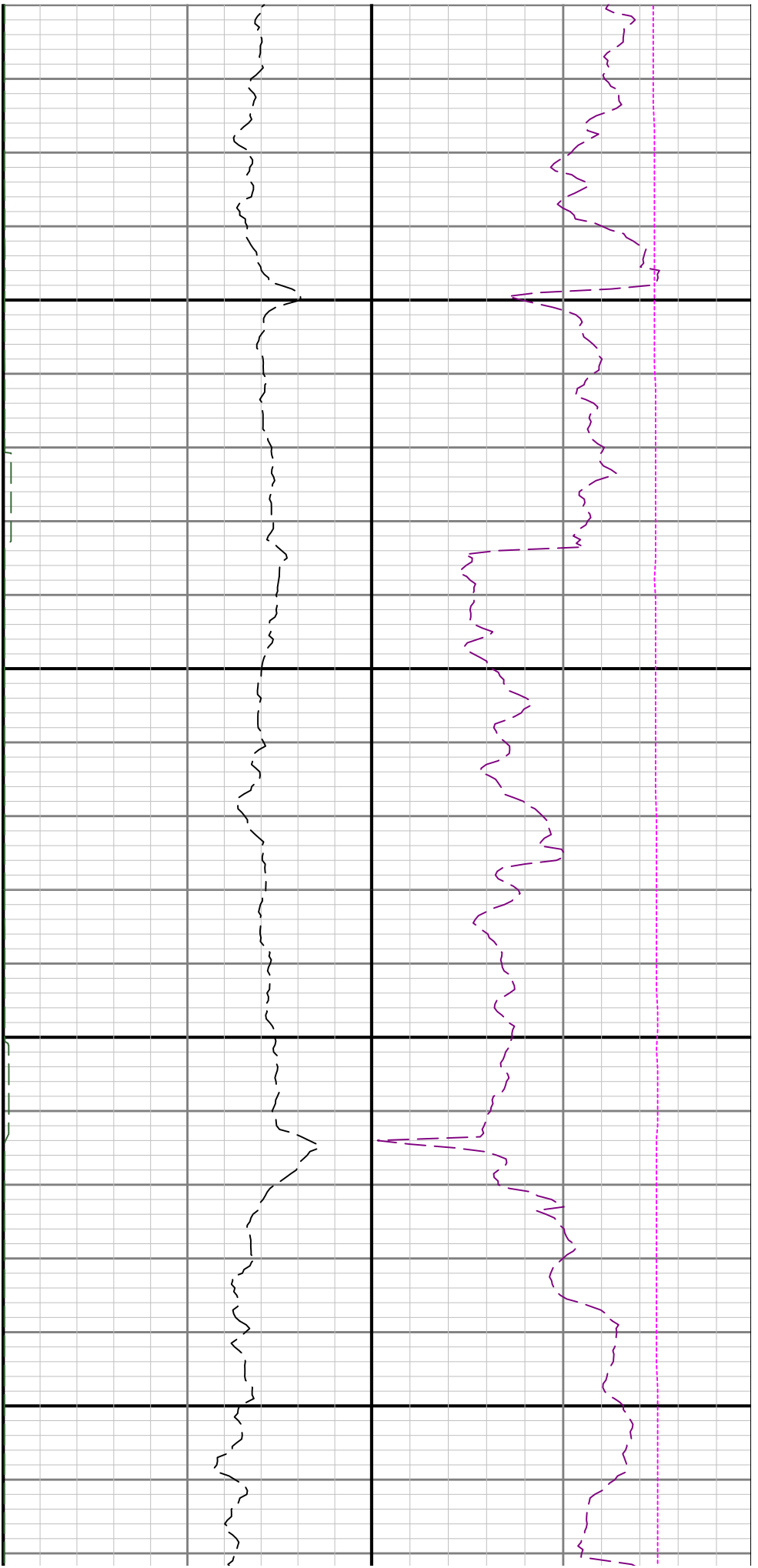


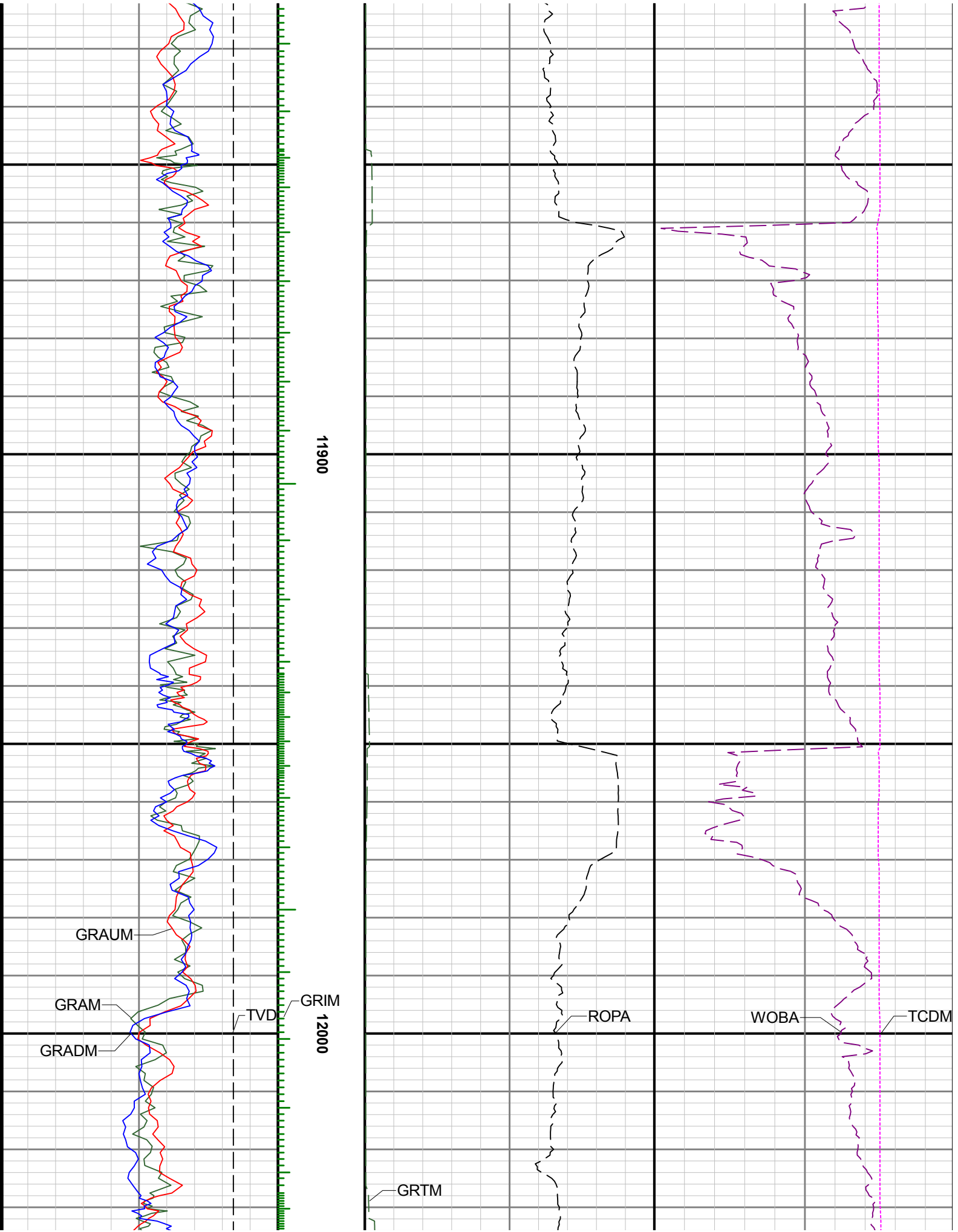


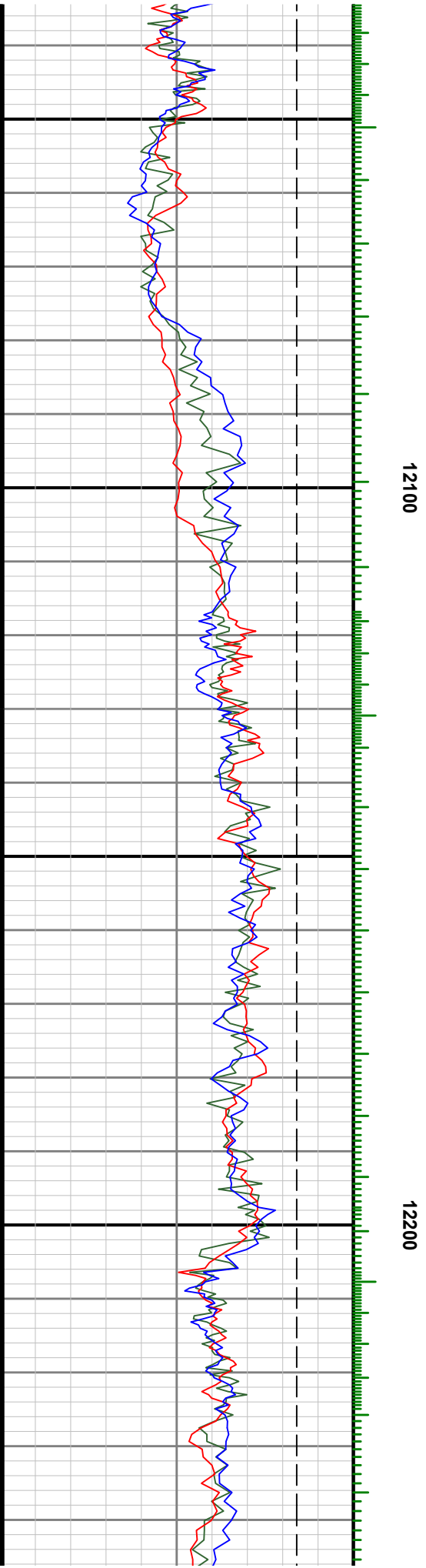
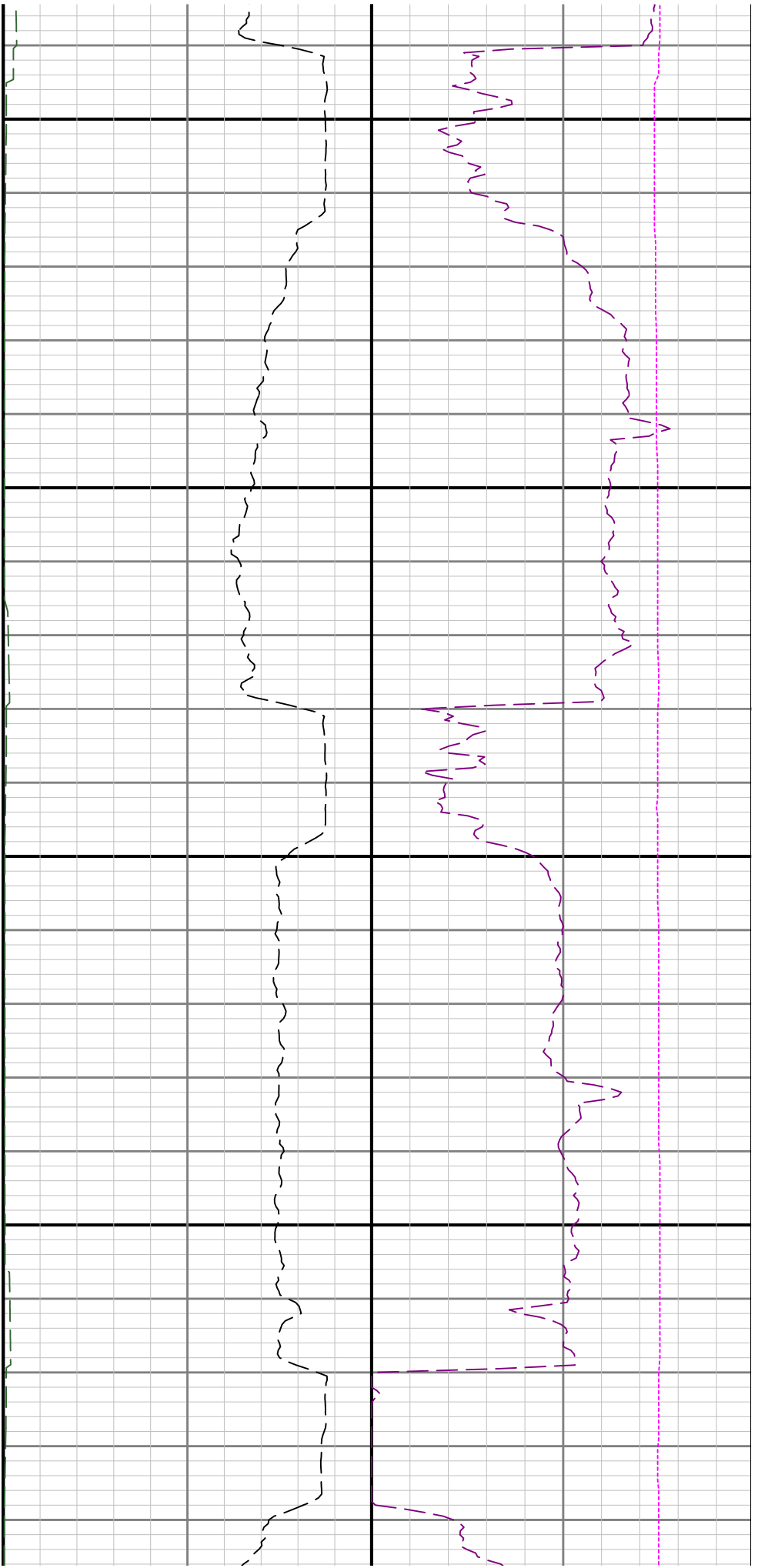


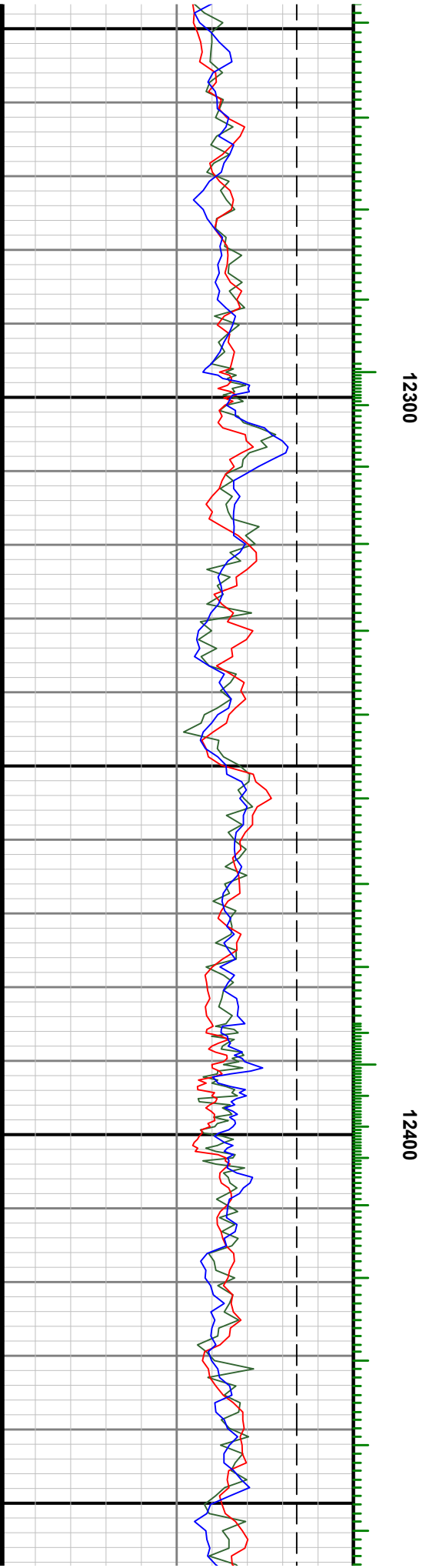
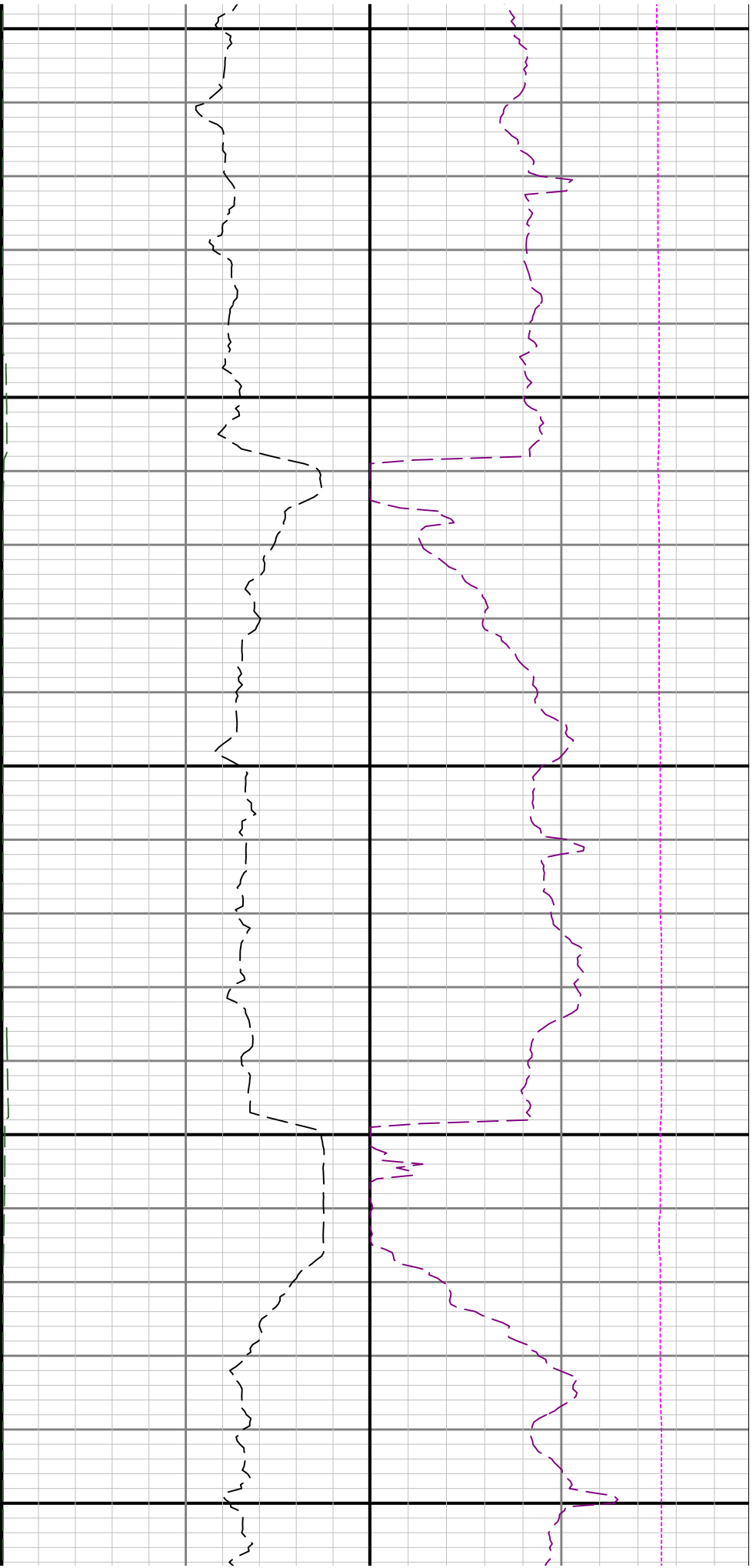


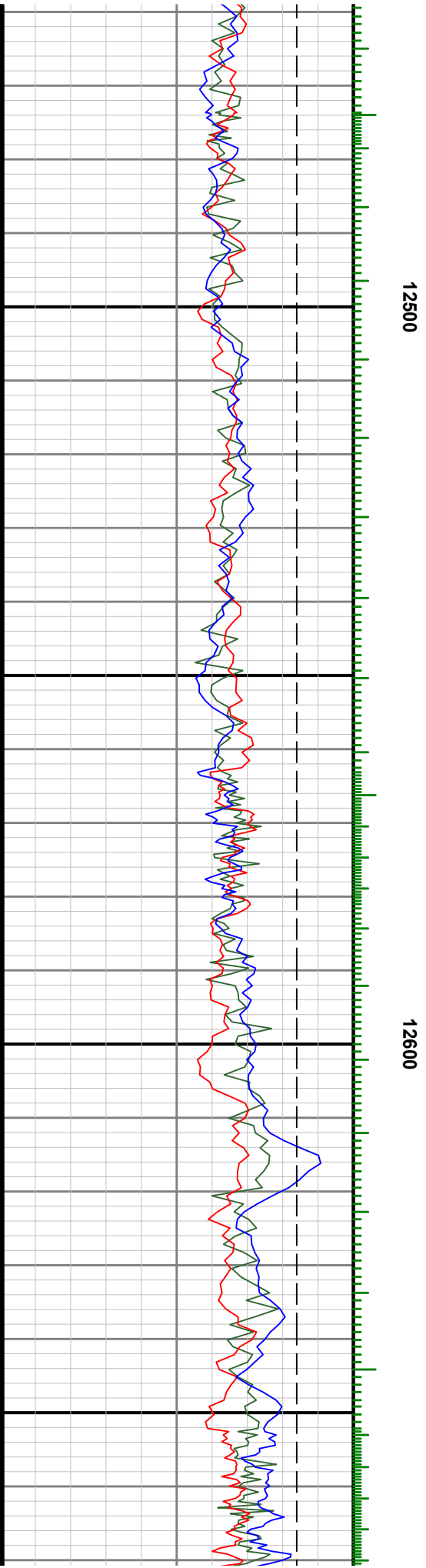
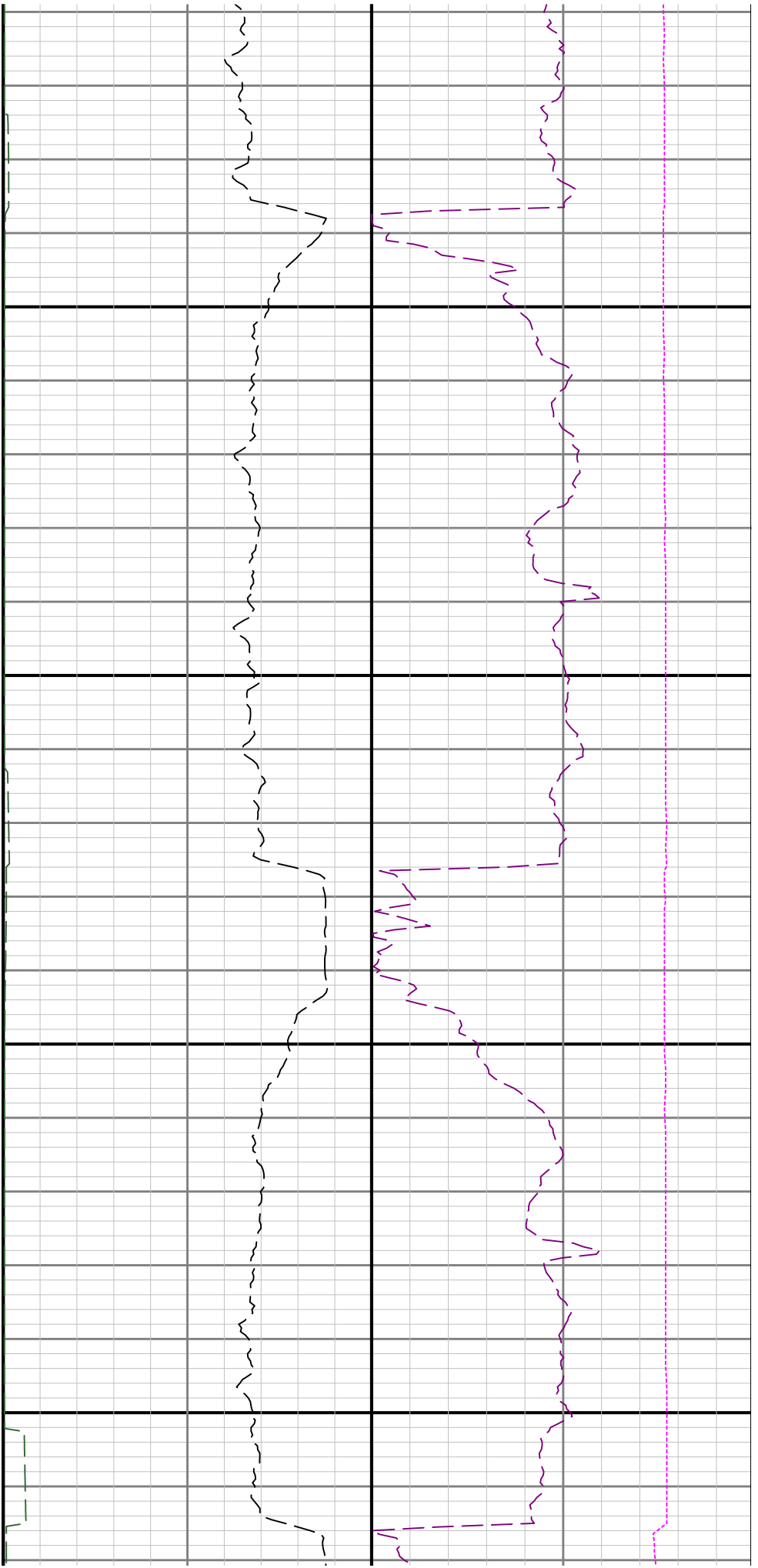


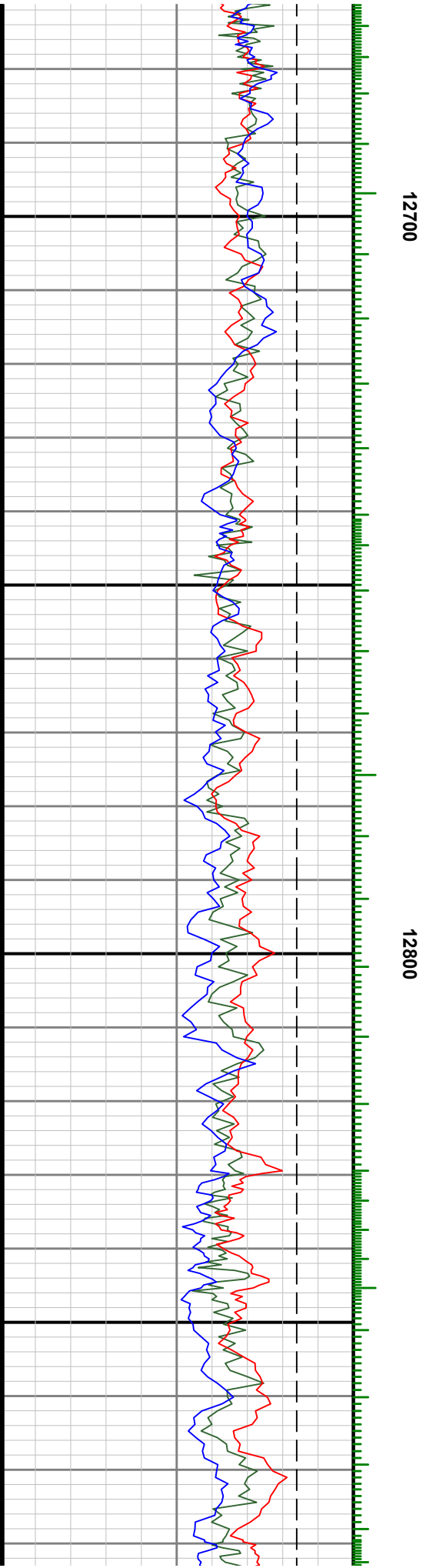
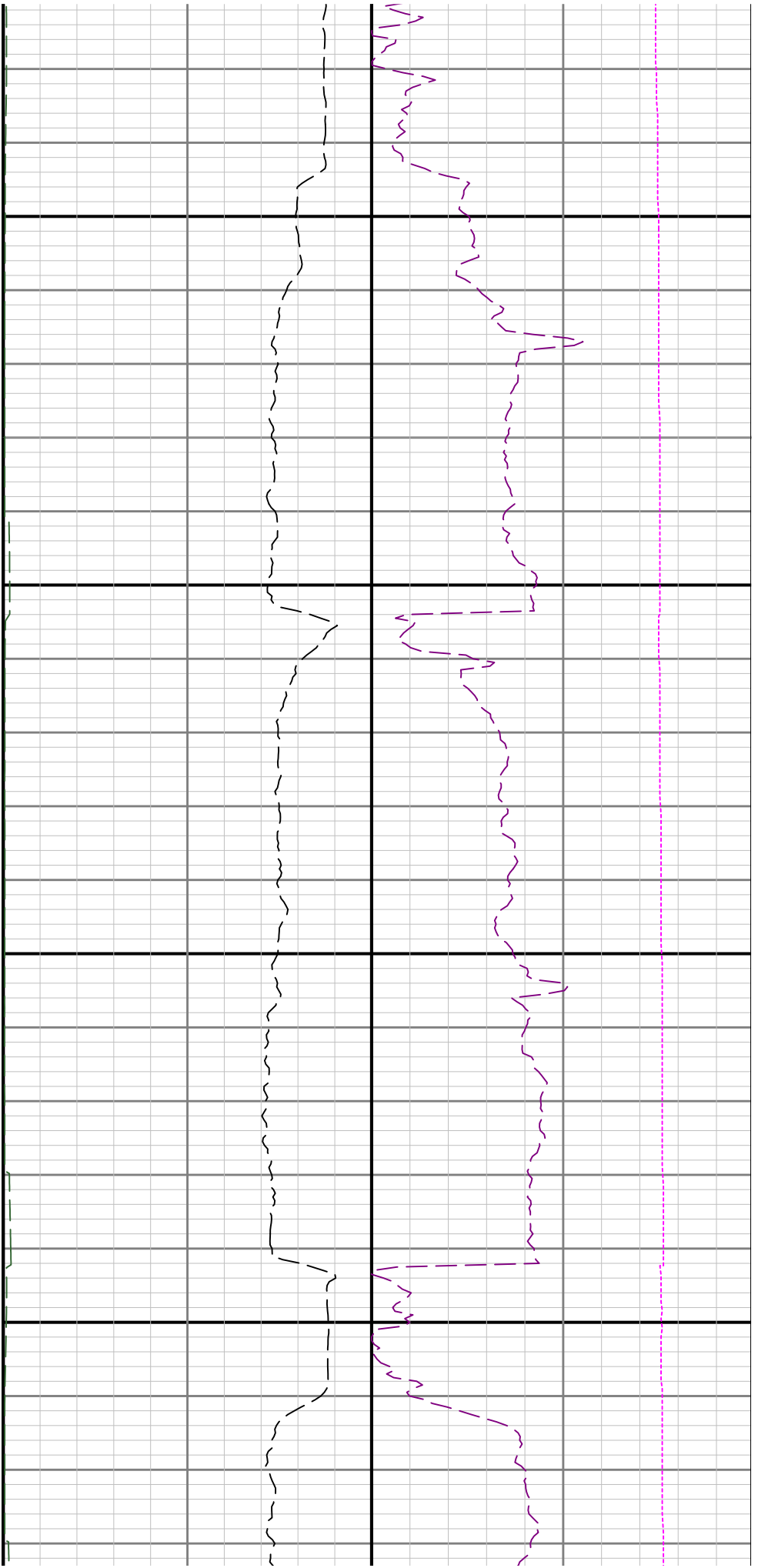


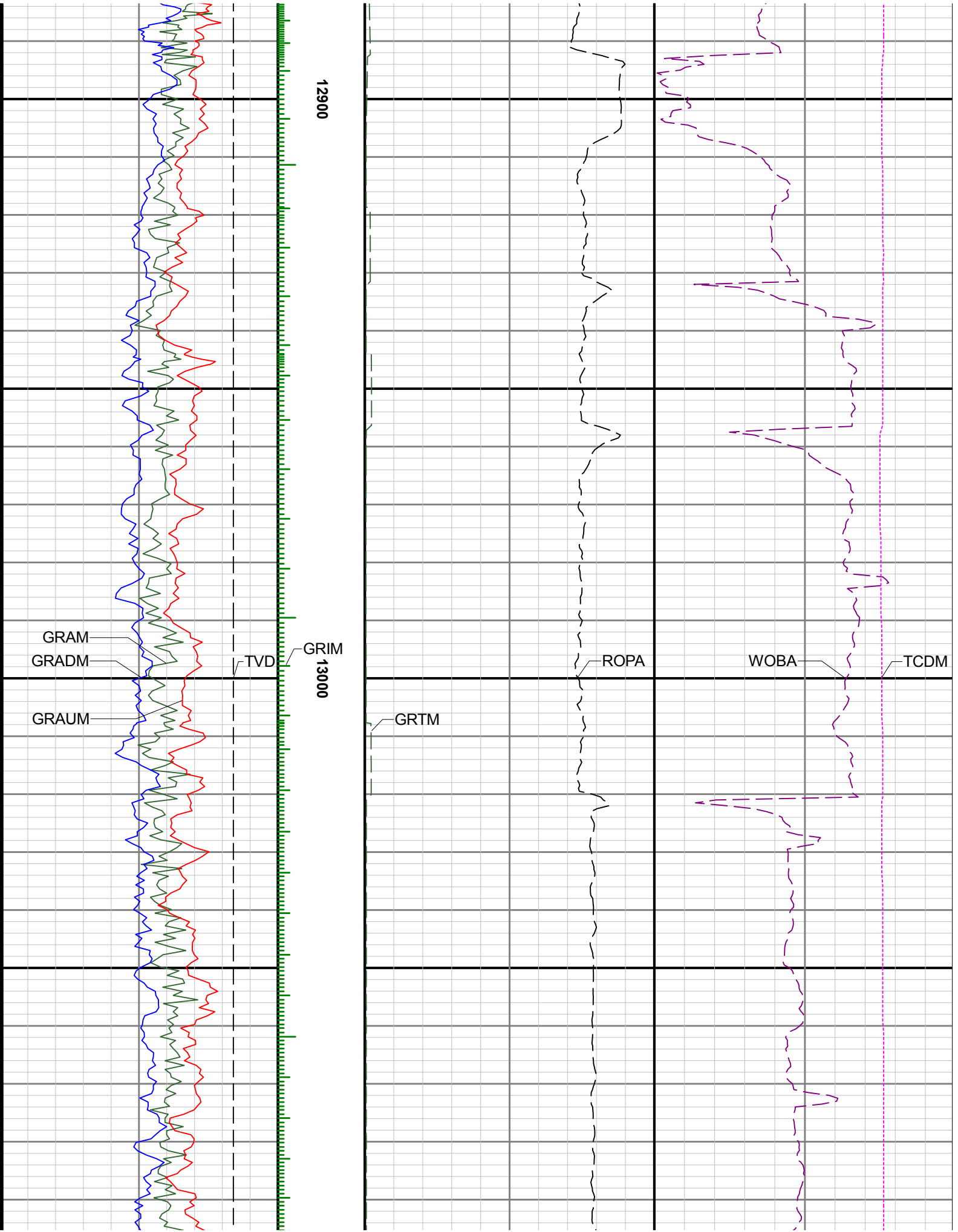


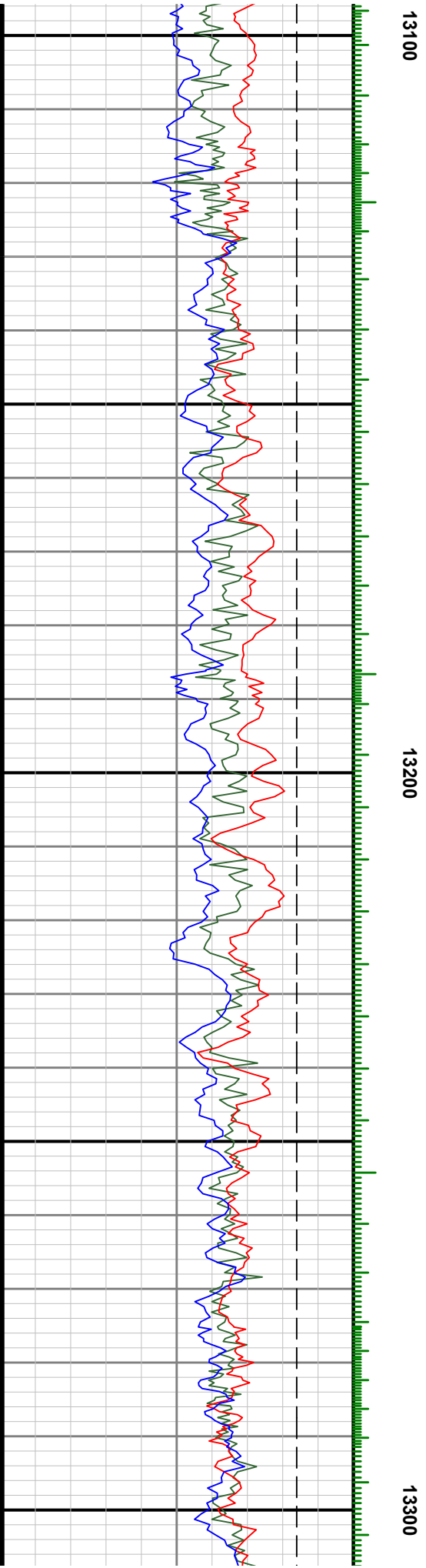
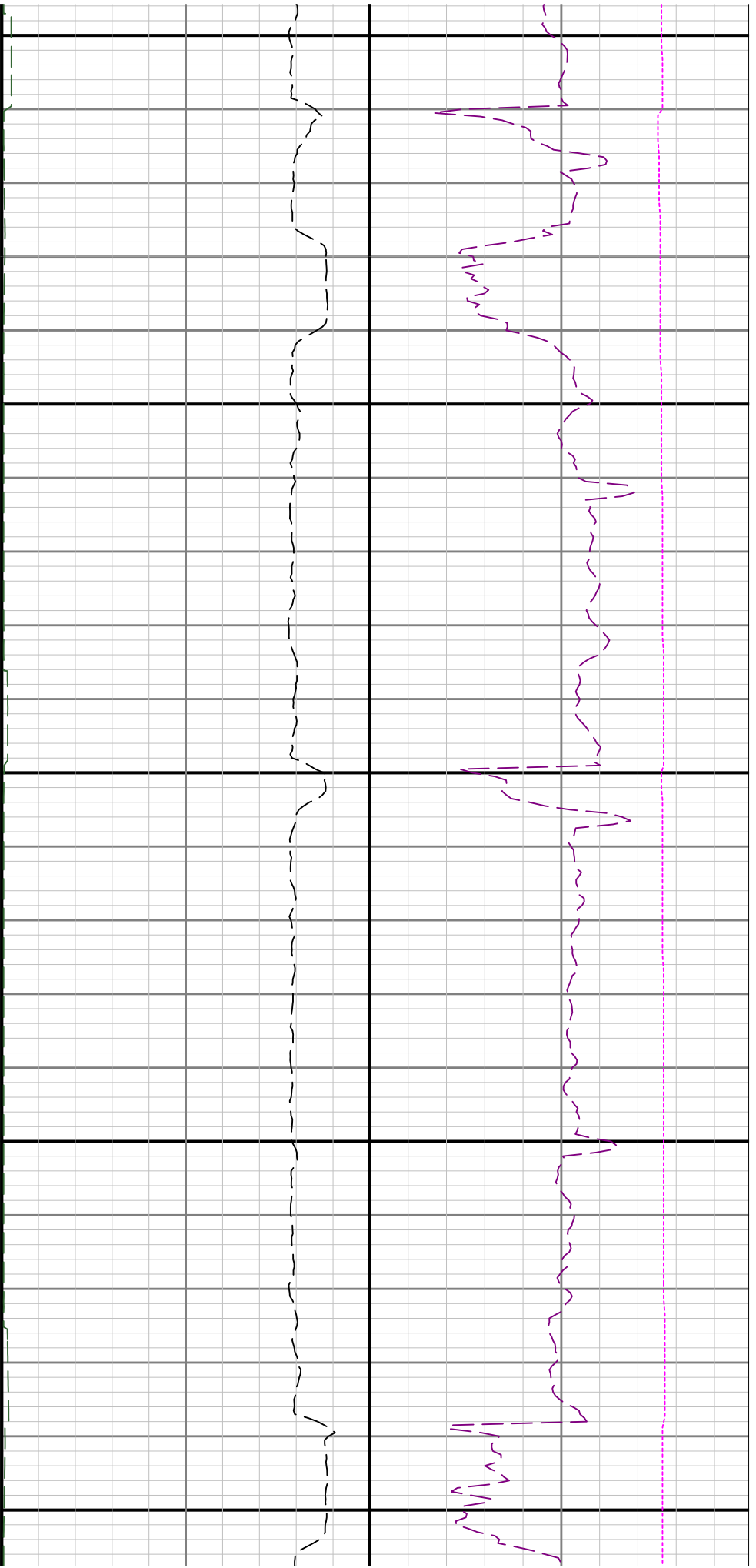


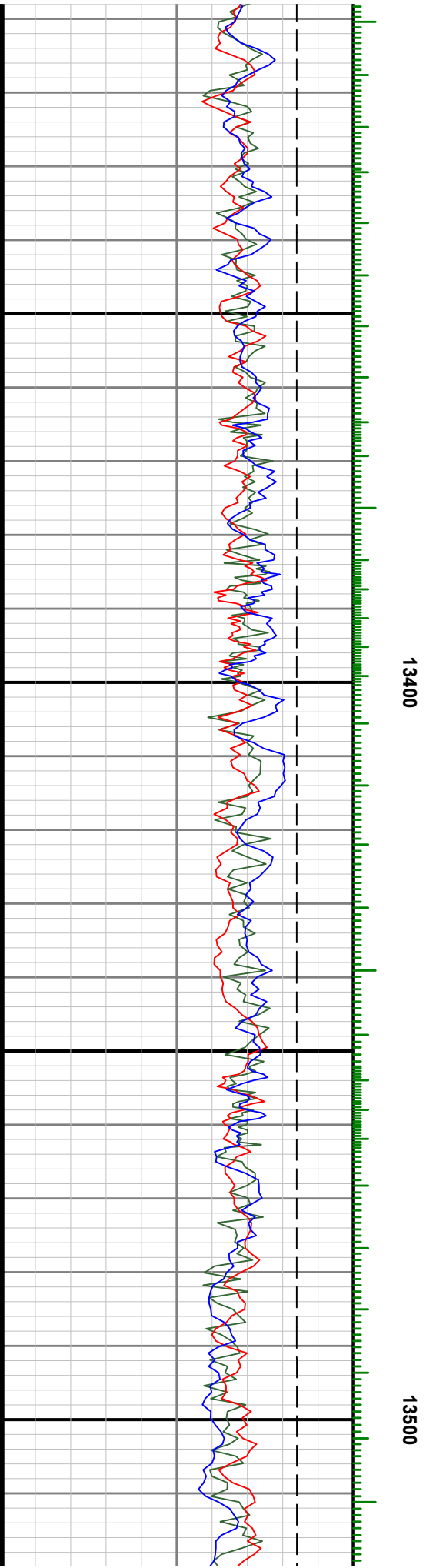
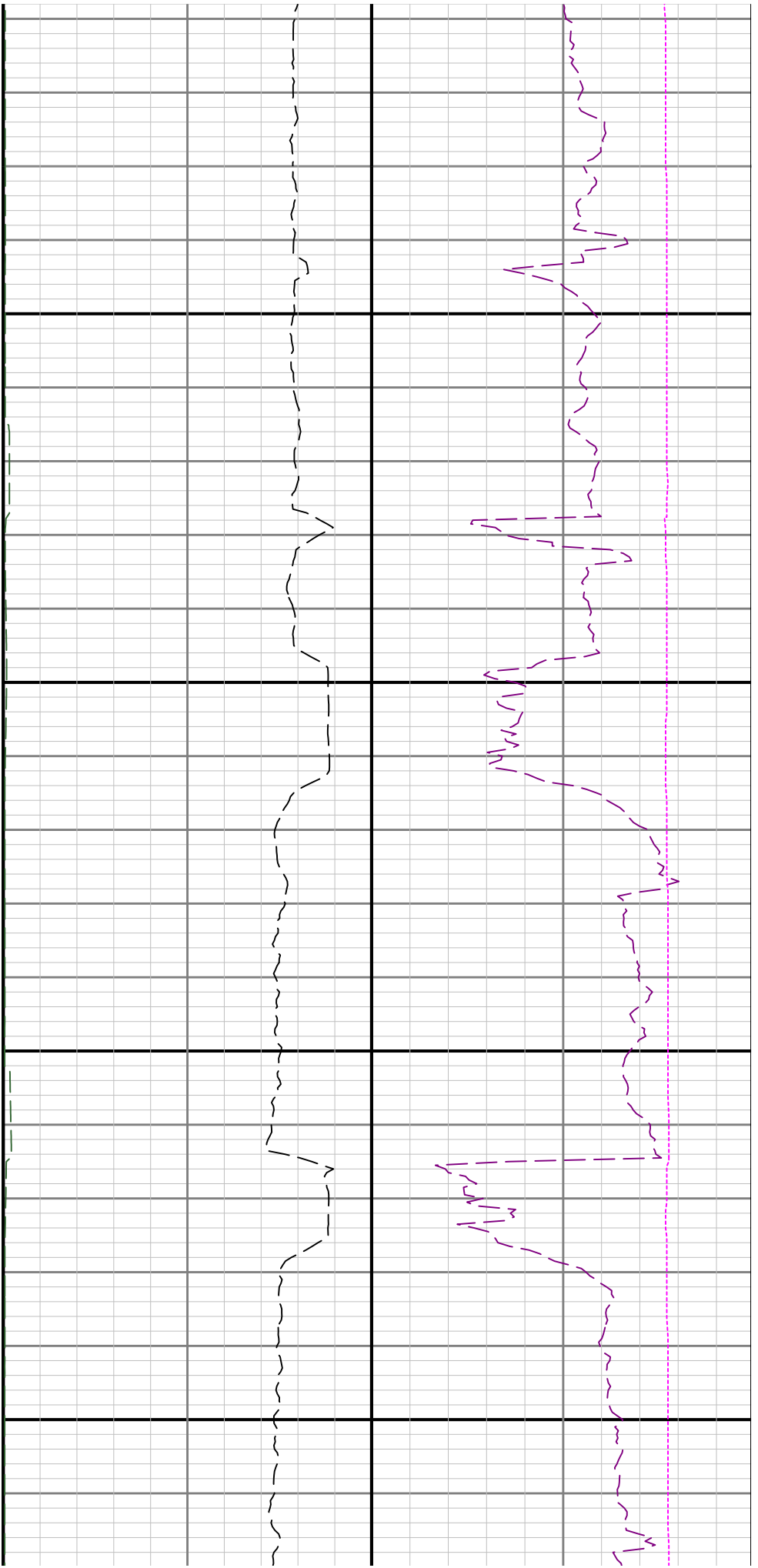


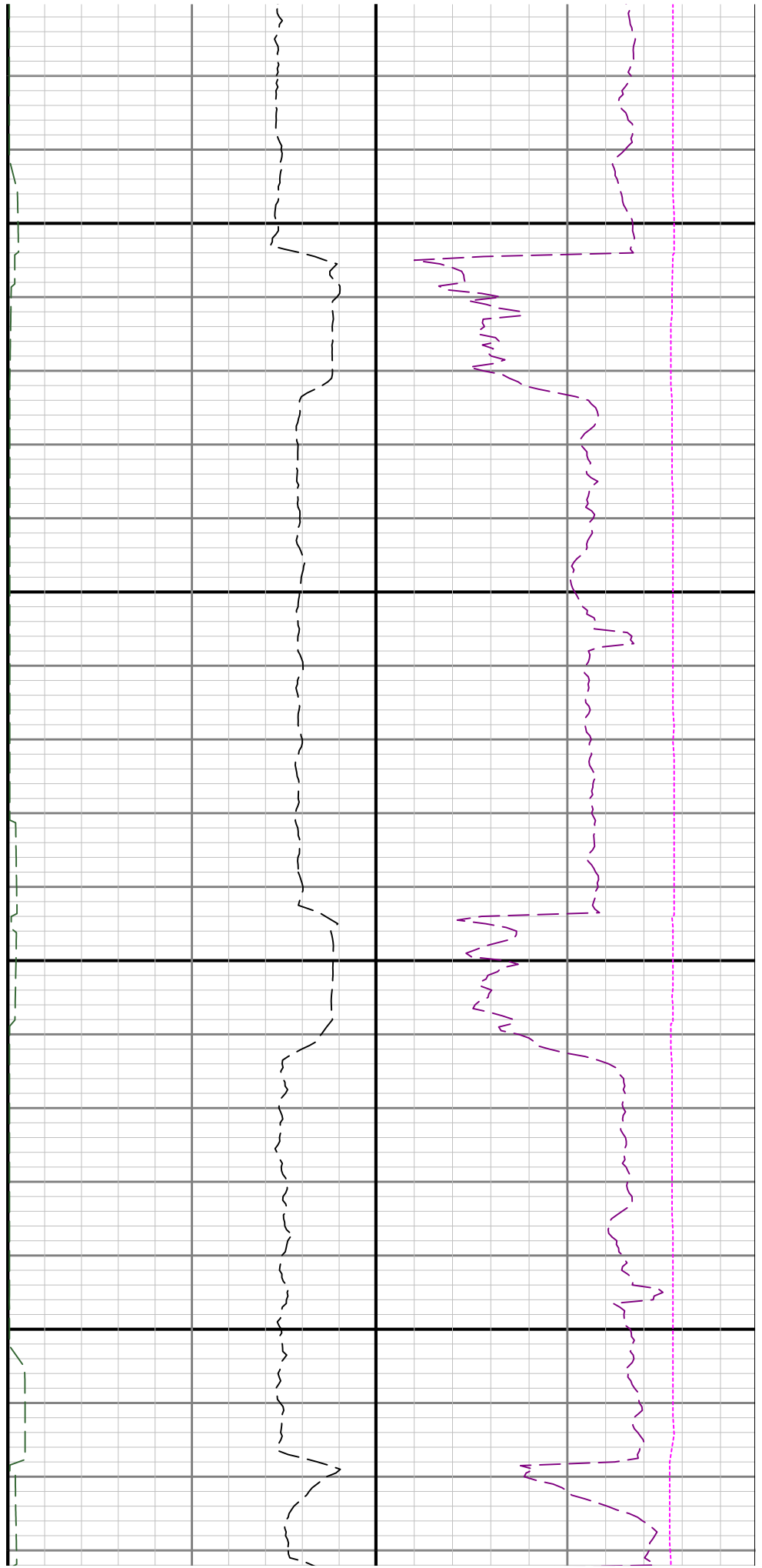






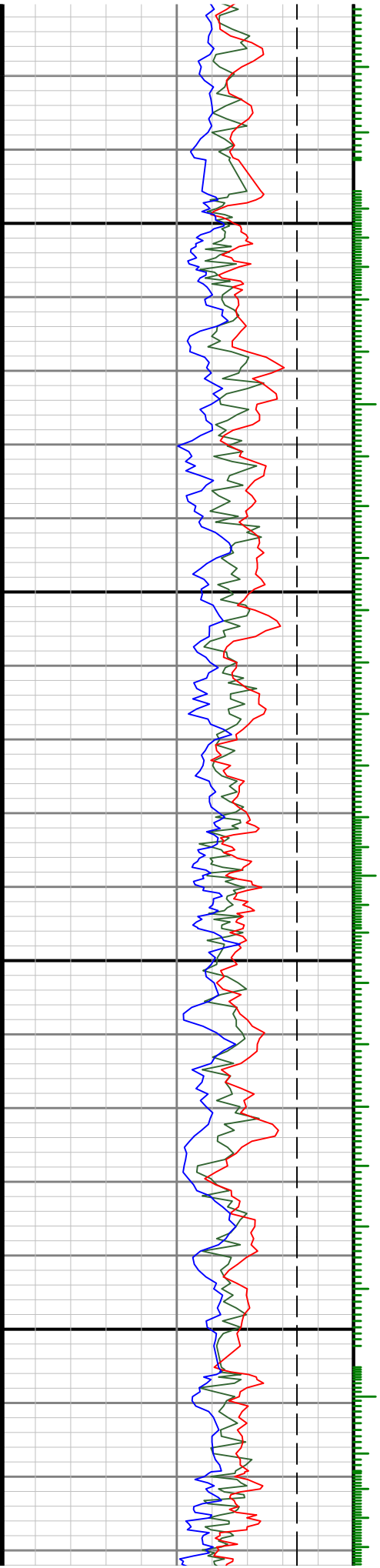


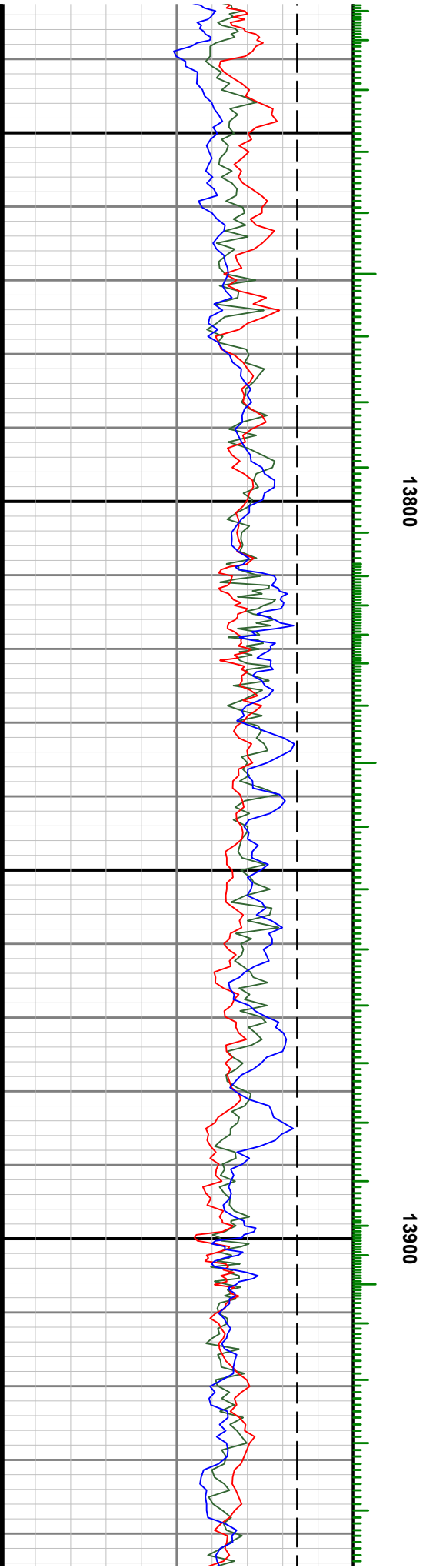
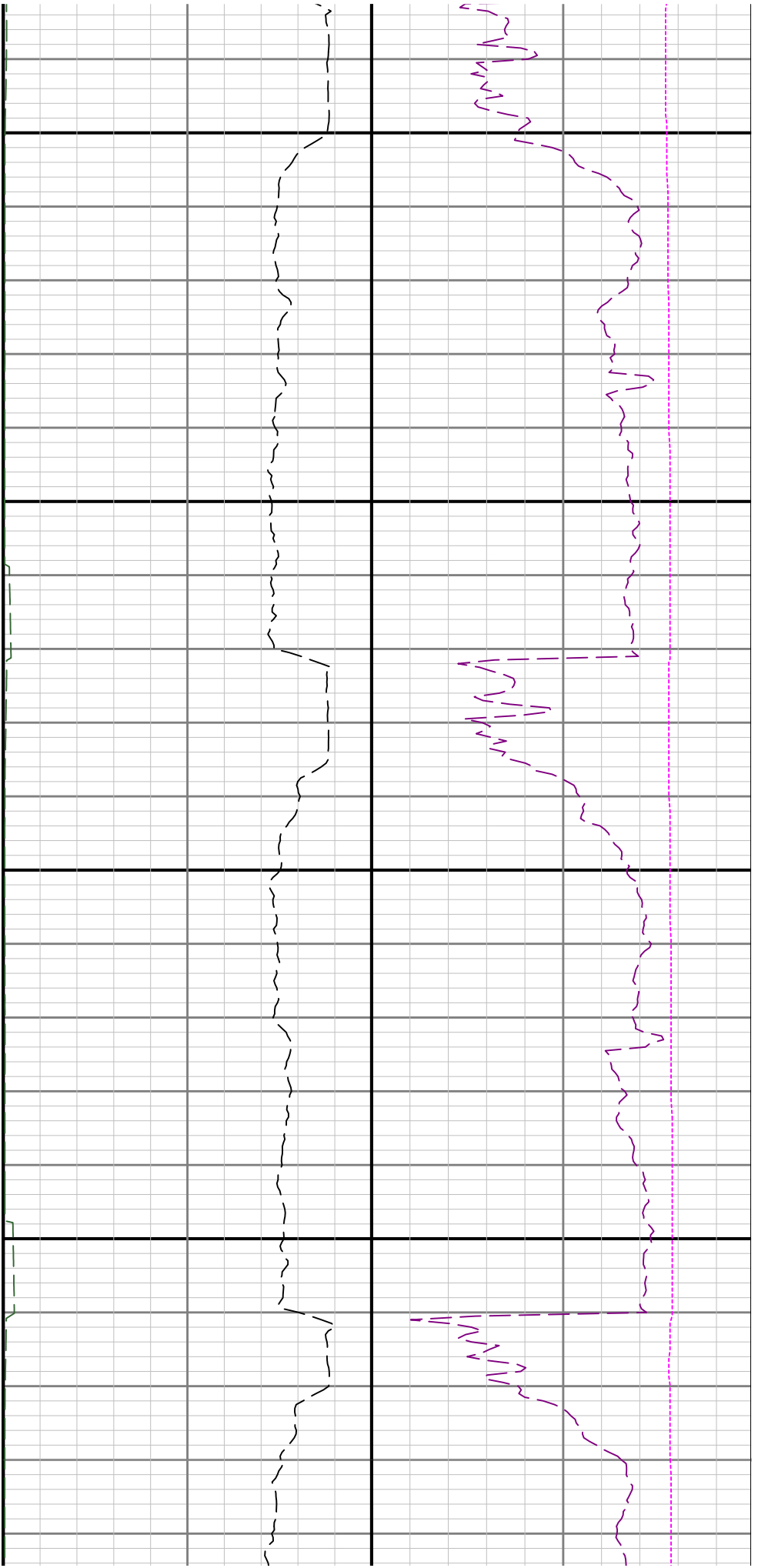


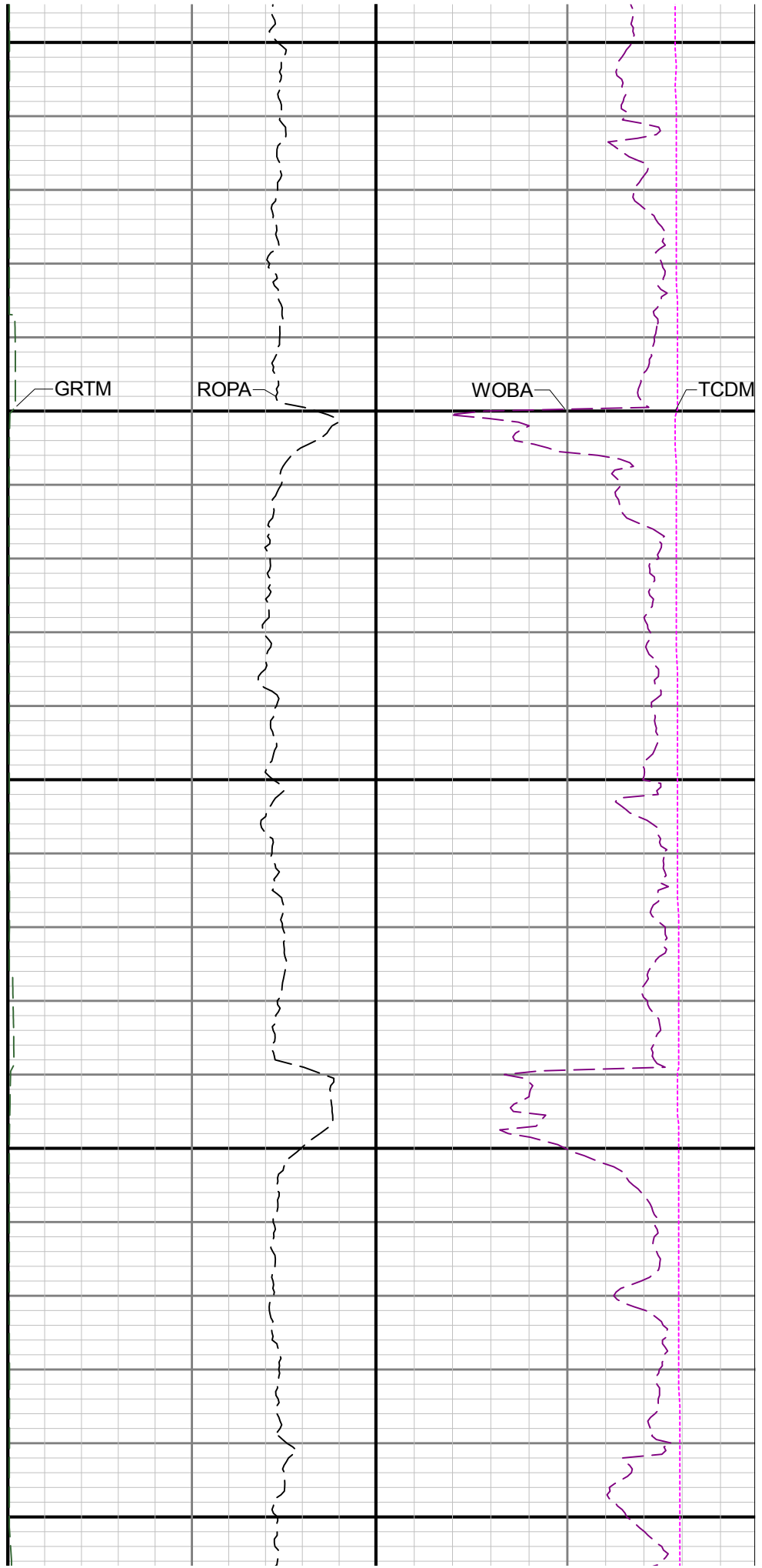
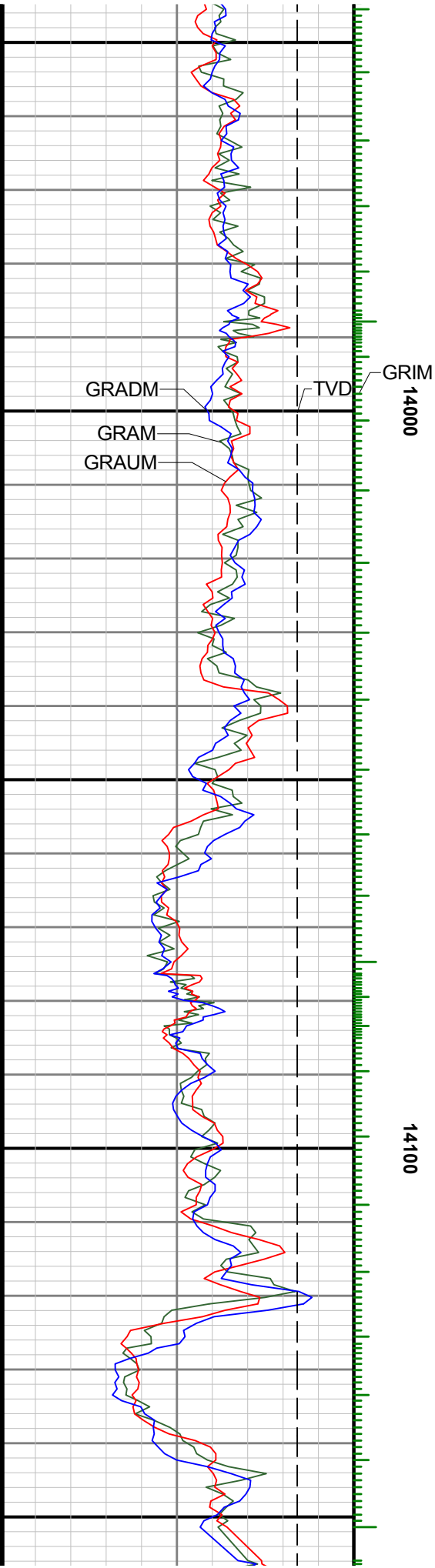


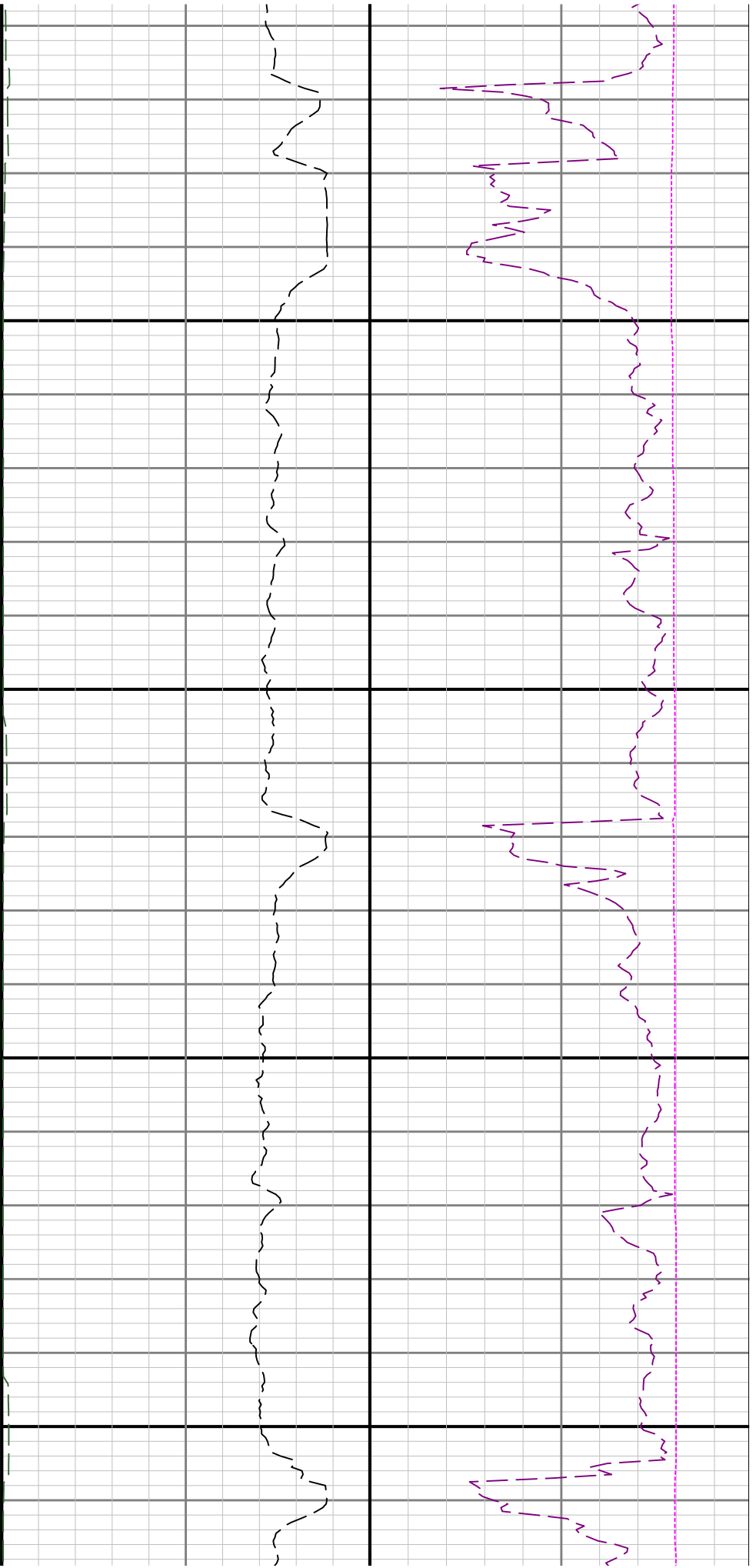
13600

13700



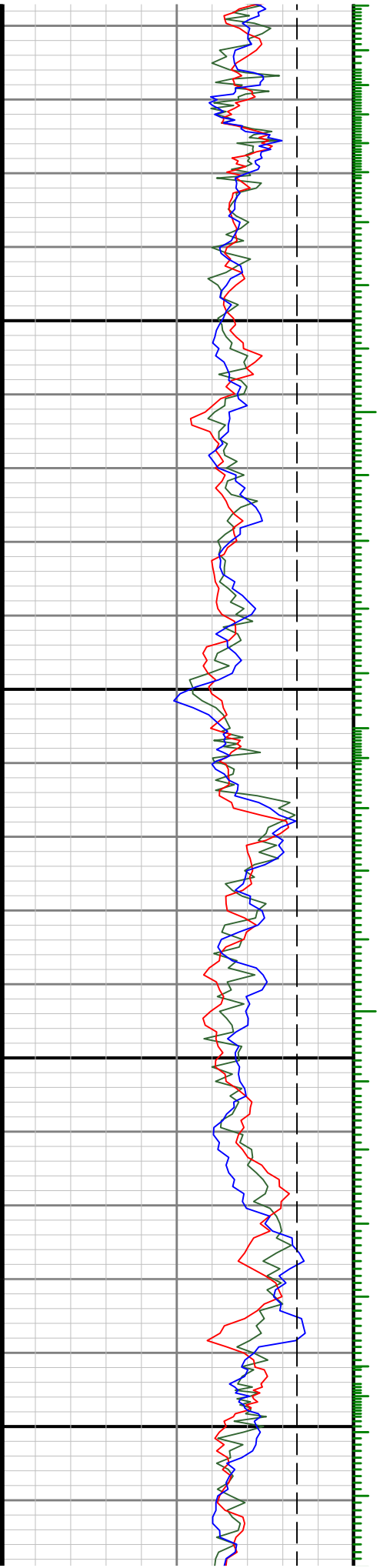


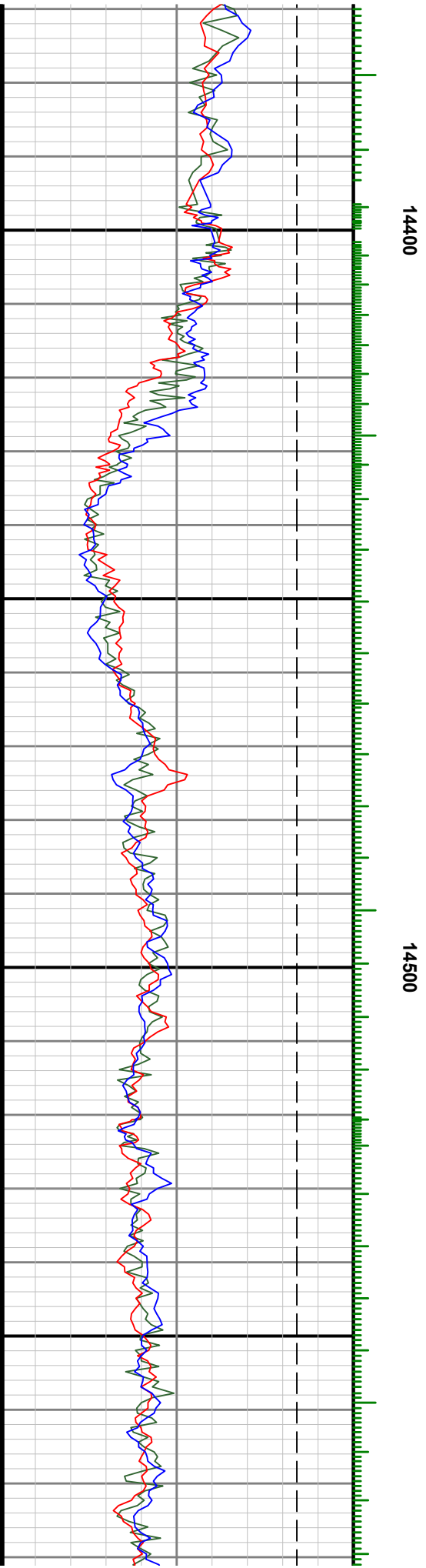


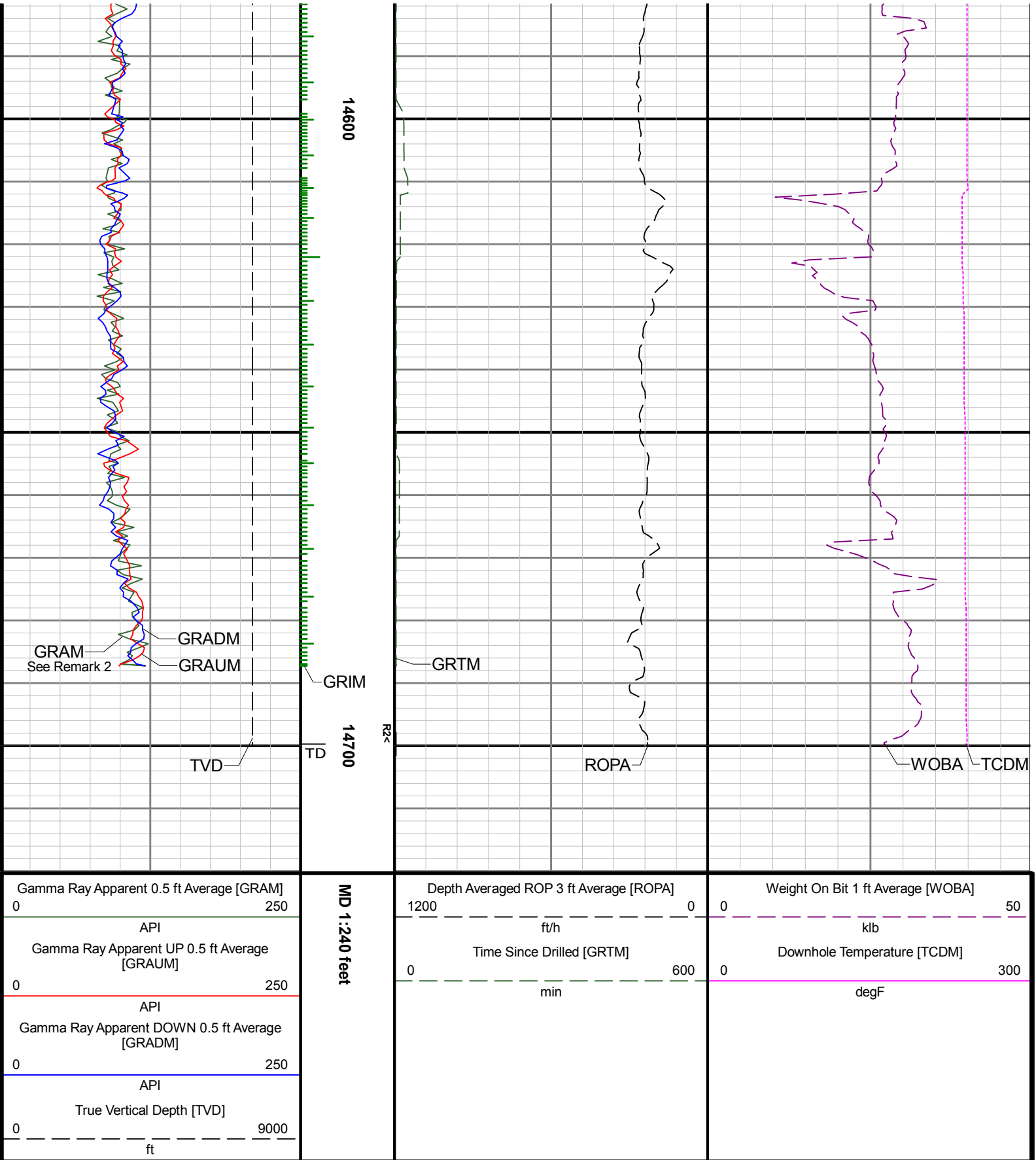


14200

14300







| | |
|--|------|
| Gamma Ray Apparent 0.5 ft Average [GRAM] | |
| 0 | 250 |
| API | |
| Gamma Ray Apparent UP 0.5 ft Average [GRAUM] | |
| 0 | 250 |
| API | |
| Gamma Ray Apparent DOWN 0.5 ft Average [GRADM] | |
| 0 | 250 |
| API | |
| True Vertical Depth [TVD] | |
| 0 | 9000 |
| ft | |

MD 1:240 feet

| | |
|--|-----|
| Depth Averaged ROP 3 ft Average [ROPA] | |
| 1200 | 0 |
| ft/h | |
| Time Since Drilled [GRTM] | |
| 0 | 600 |
| min | |

| | |
|-----------------------------------|-----|
| Weight On Bit 1 ft Average [WOBA] | |
| 0 | 50 |
| klb | |
| Downhole Temperature [TCDM] | |
| 0 | 300 |
| degF | |