



60 ARM  
MULTI-FINGER  
CALIPER

## Baker Atlas

|                     |   |                                |
|---------------------|---|--------------------------------|
| File No:            | Company                                   | PD1 PRODUCTION INC.            |
| API No:             | Well                                      | G.H.S PAP #1 ST #2             |
|                     | Field                                     | GAURDIAN HILLS SOUTH           |
|                     | Province                                  | NEWFOUNDLAND                   |
|                     | Country                                   | CANADA                         |
| FIELD PRINT         | Location                                  | Other Services                 |
|                     | LAT: 59-13-35.319 W<br>LONG: 49-29-21.326 | CEMENT BOND LOG                |
|                     | SEC TWP RGE                               |                                |
| Permanent Datum     | GROUND LEVEL                              | Elevation                      |
| Log Measured From   | KELLY BUSHING                             | 212.2 m                        |
| Drill Measured From | KELLY BUSHING                             | Above P. D.                    |
|                     |   | KB 219.5 m<br>DF<br>GL 212.2 m |

|                              |                |
|------------------------------|----------------|
| Date                         | 24-AUG-2008    |
| Run                          | 1              |
| Service Order                | 422378         |
| Depth Driller                | 4196 m         |
| Depth Logger                 | 2330 m         |
| Bottom Logged Interval       | 2330 m         |
| Top Logged Interval          | 20 m           |
| Time Started                 | 12:00          |
| Time Finished                | 16:00          |
| Operator Rig Time            | 4 HRS          |
| Type of Fluid in Hole        | WATER          |
| Fluid Density                | N/A            |
| Salinity                     | N/A            |
| Fluid Level                  | SURFACE        |
| Logged Cement Top            | N/A            |
| Wellhead Pressure            | 0 psi          |
| Maximum Hole Deviation       | 2 deg          |
| Nominal Logging Speed        | 20 rpm         |
| Maximum Recorded Temperature | N/A            |
| Reference Log                | SEE REMARKS    |
| Reference Log Date           | SEE REMARKS    |
| Equipment No.                | C - 6558       |
| Recorded By                  | TYRONE WELLS   |
| Witnessed By                 | STEVE MCINTOSH |

- FOLD HERE

In making interpretations of logs, our employees will give the customer the benefit of their best judgement. But since all interpretations are opinions based on inferences from electrical or other measurements, we cannot, and we do not guarantee the accuracy or correctness of any interpretation. We shall not be liable or responsible for any loss, cost, damages, or expenses whatsoever incurred or sustained by the customer resulting from any interpretation made by any of our employees.

| Borehole Record |      |    |
|-----------------|------|----|
| Bit Size        | From | To |
|                 |      |    |
|                 |      |    |

| Casing Record |            |       |        |          |
|---------------|------------|-------|--------|----------|
| Size          | Weight     | Grade | From   | To       |
| 244.5 mm      | 59.52 kg/m | L-80  | 0 m    | 2508.5 m |
| 193.7 mm      | 58.09 kg/m | T-95  | 2360 m | 4196 m   |

| Remarks |
|---------|
| 1       |

| Equipment Data |      |      |               |               |             |
|----------------|------|------|---------------|---------------|-------------|
| Run            | Trip | Tool | Series Number | Serial Number | Position    |
| 1              | 1    | MFC  | 2652LA        | 400471        | CENTRALIZED |

# MAIN PASS

Created by : LIBACCESS

Plotted by : PlotMgr, v5.4.504

Company : PDI PRODUCTION

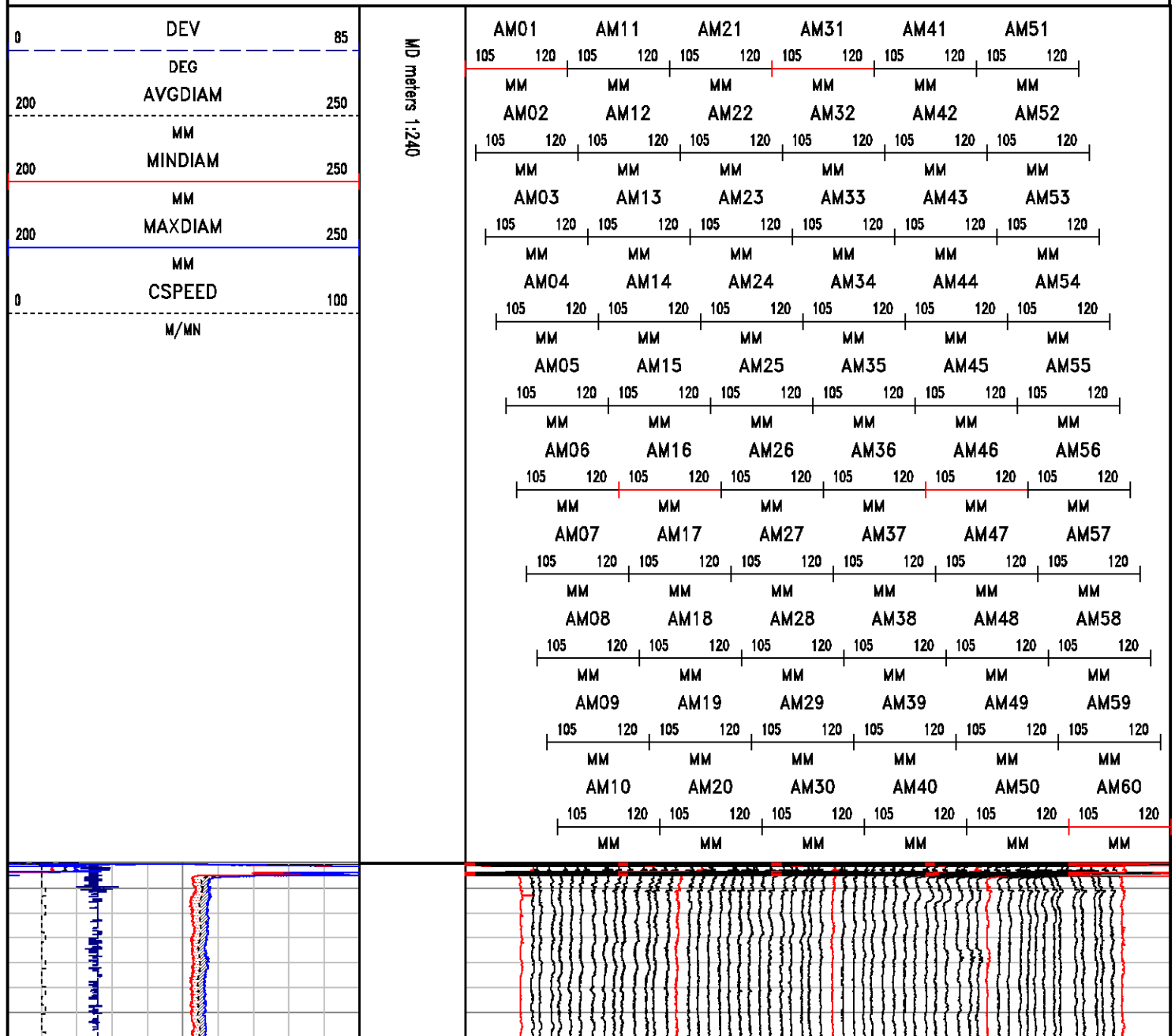
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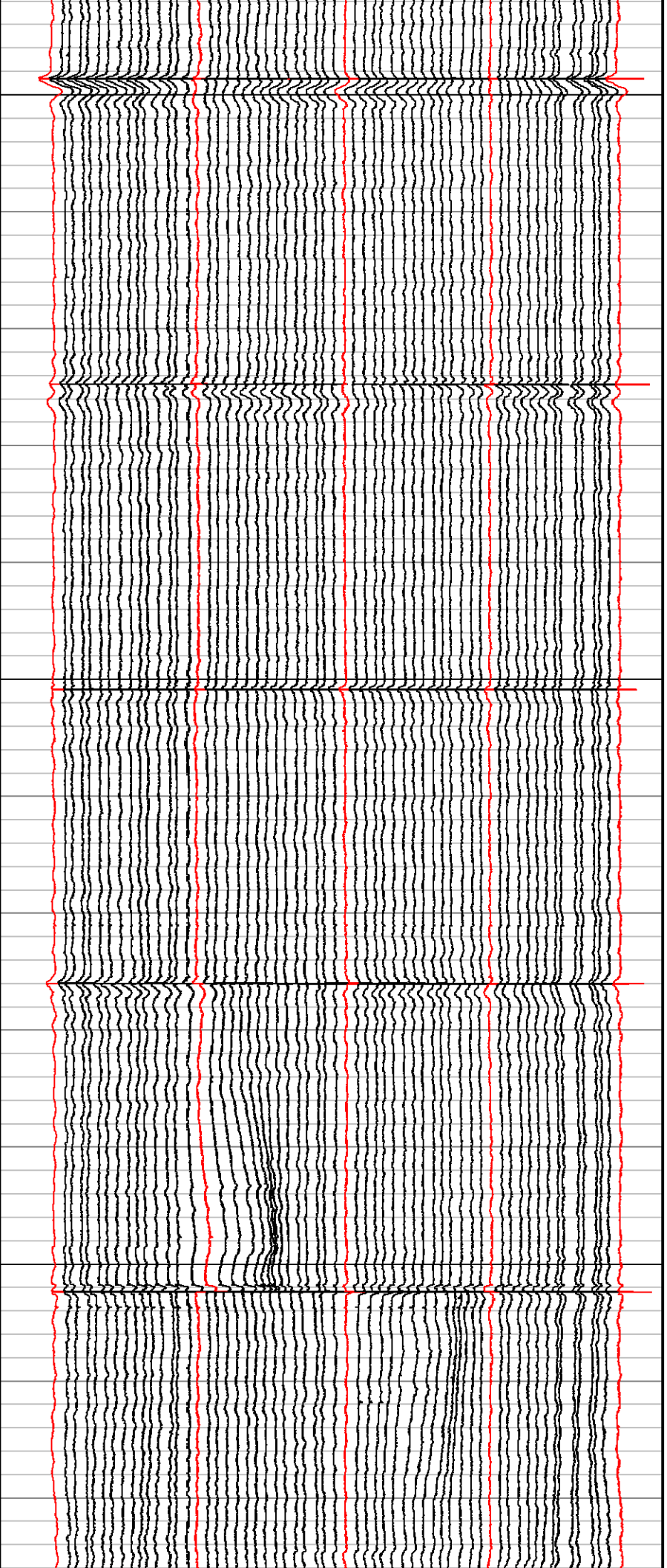
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Mode : PlotMgr 5.4.504

Interval : 14.00 - 2336.22 meters

Created : 8/24/2008 2:17:15 PM

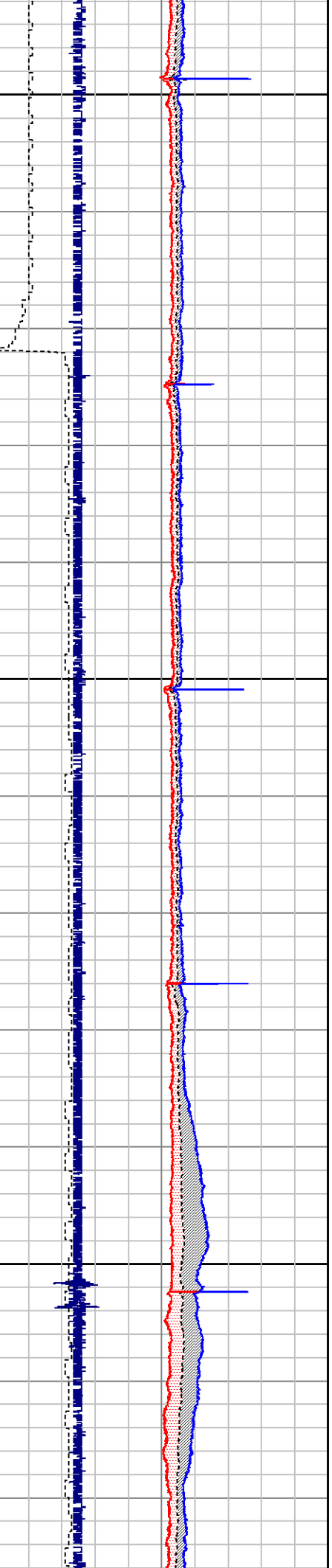


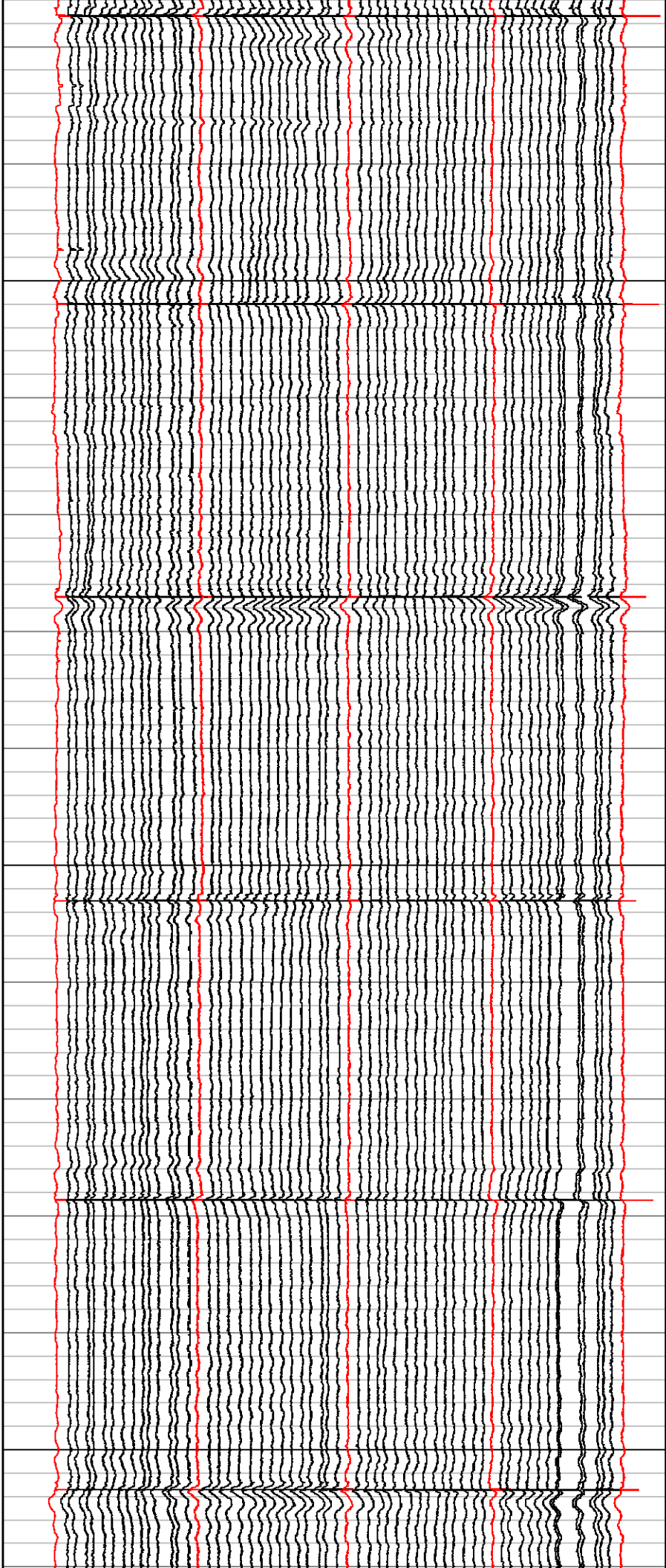


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50

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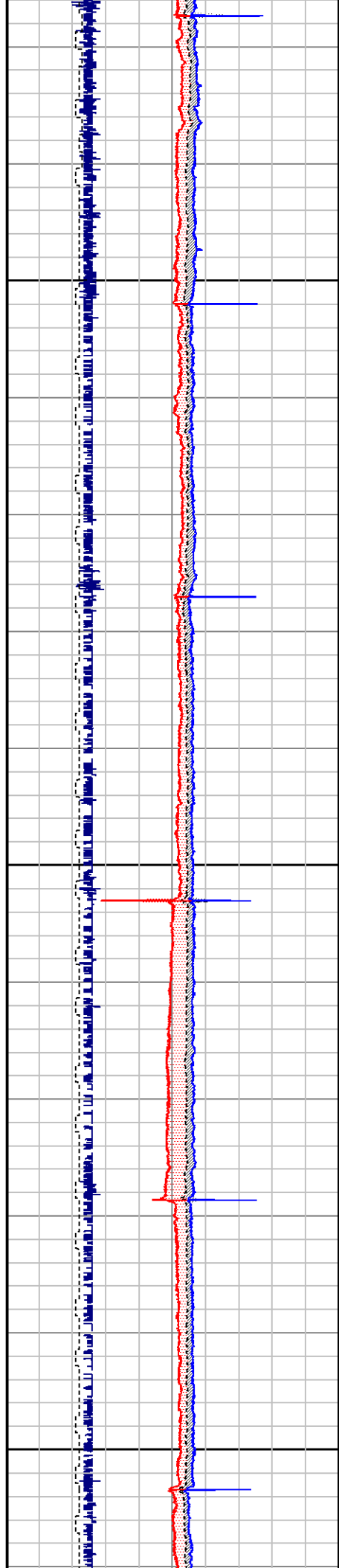


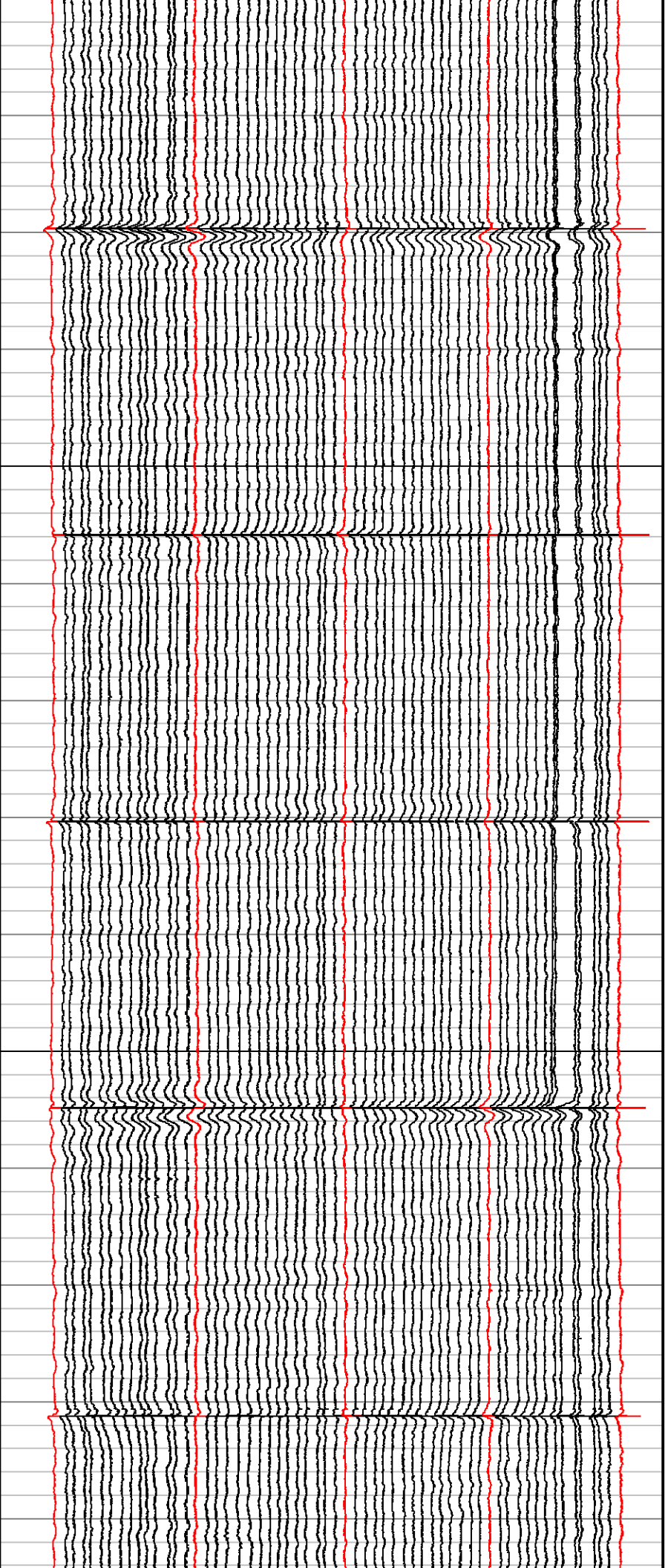


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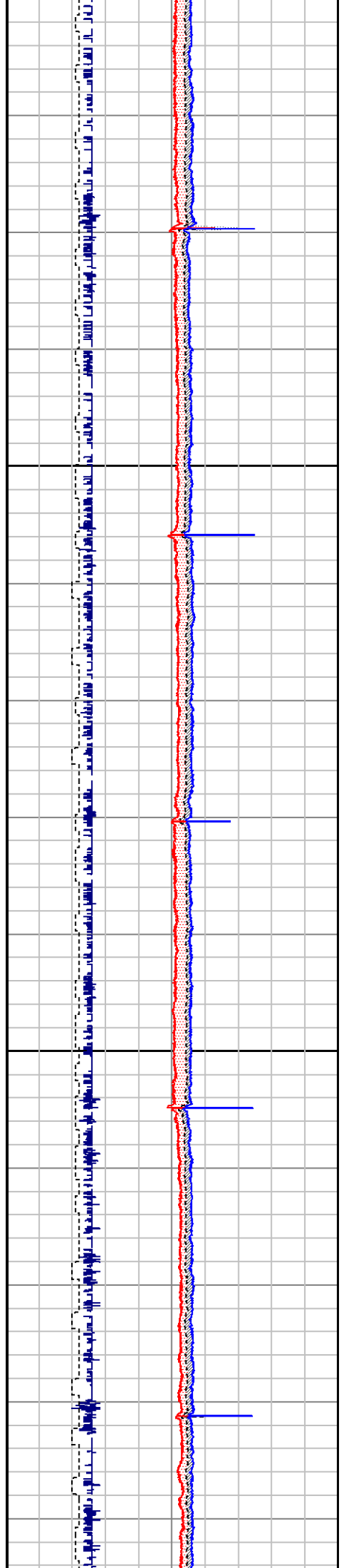
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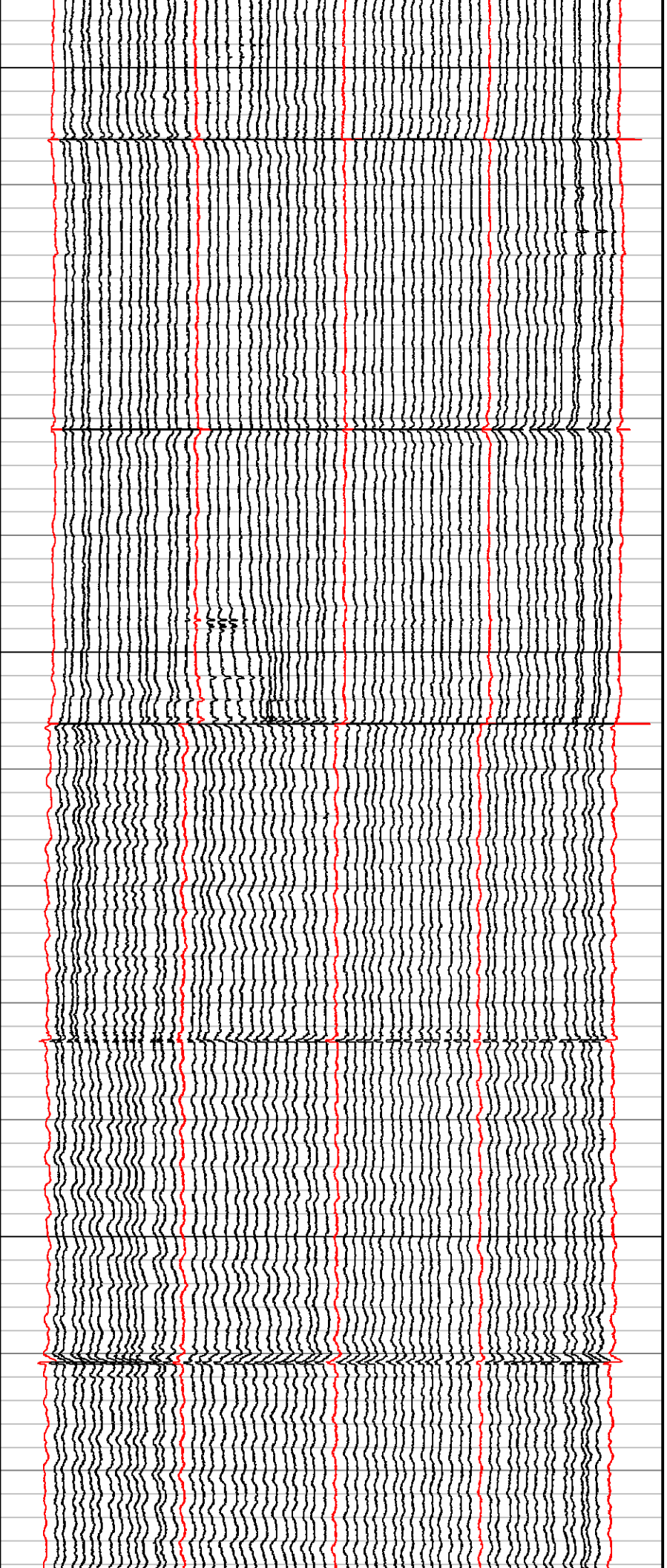


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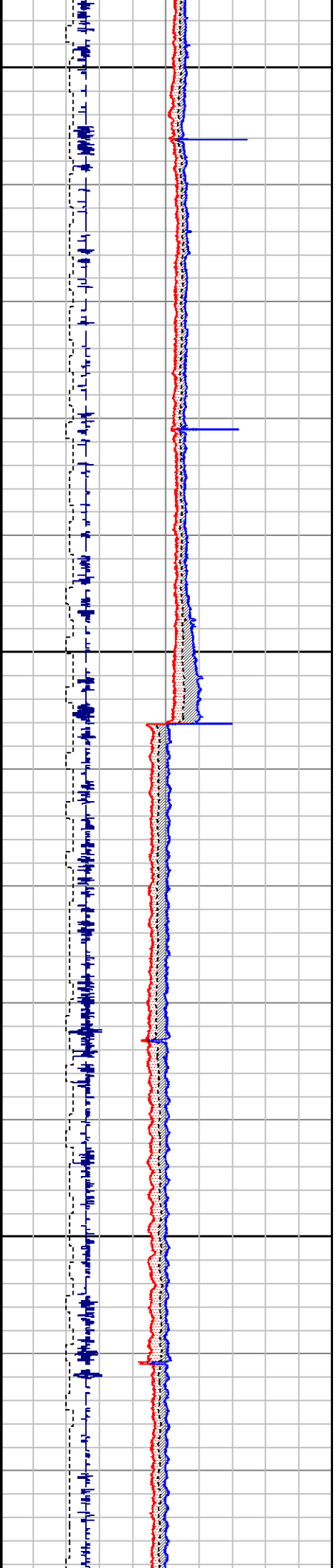


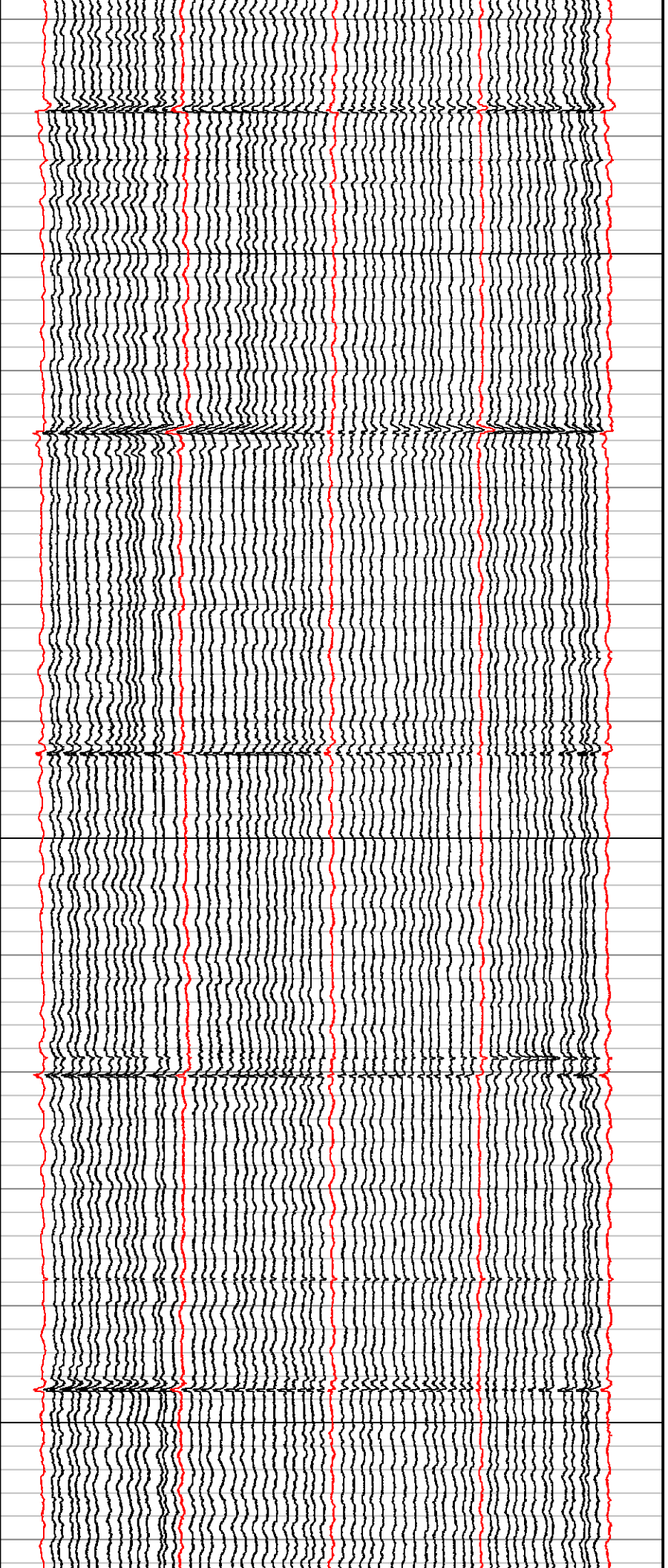


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250

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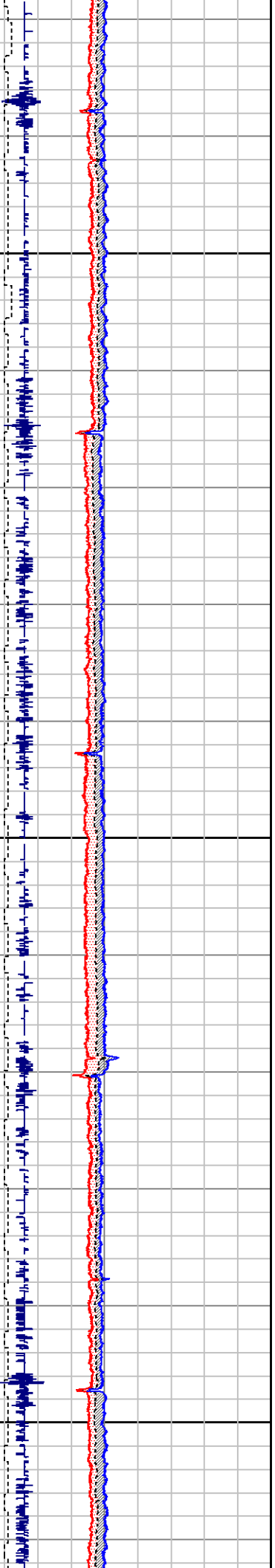


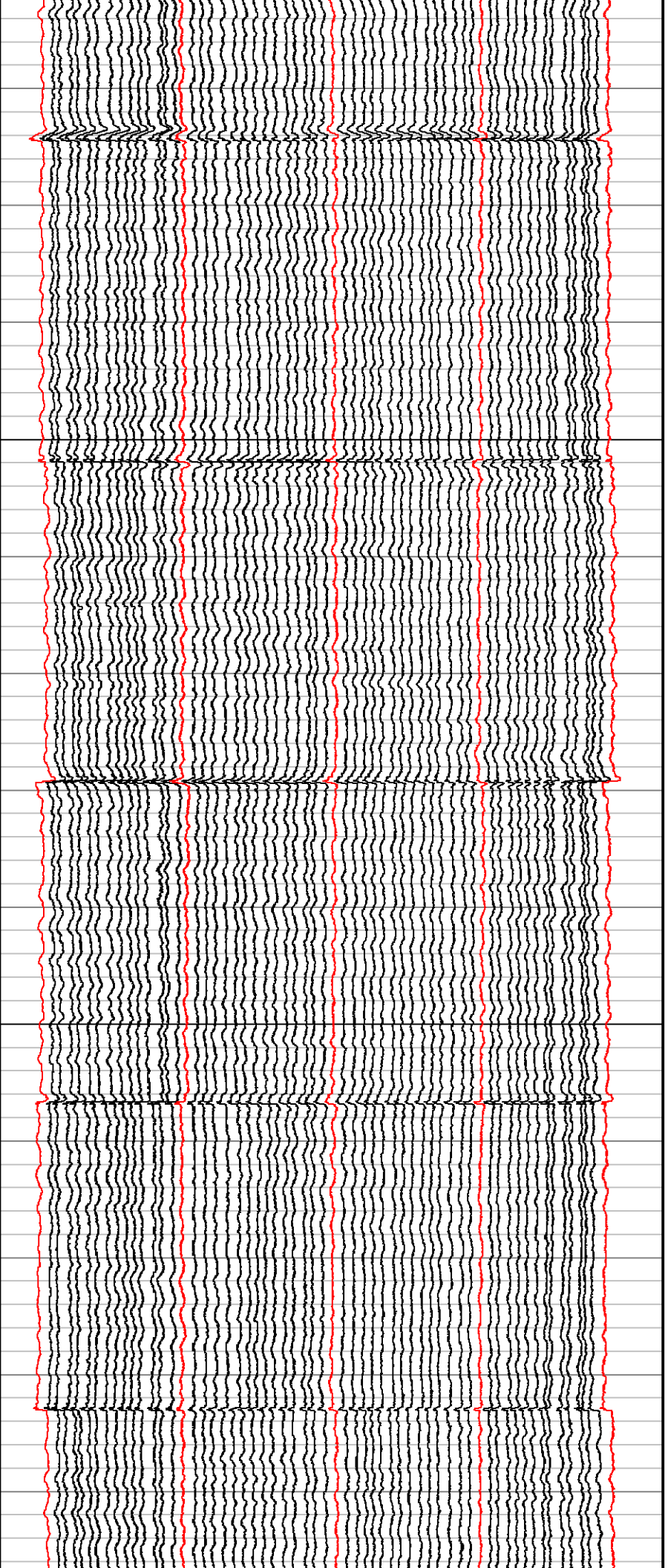


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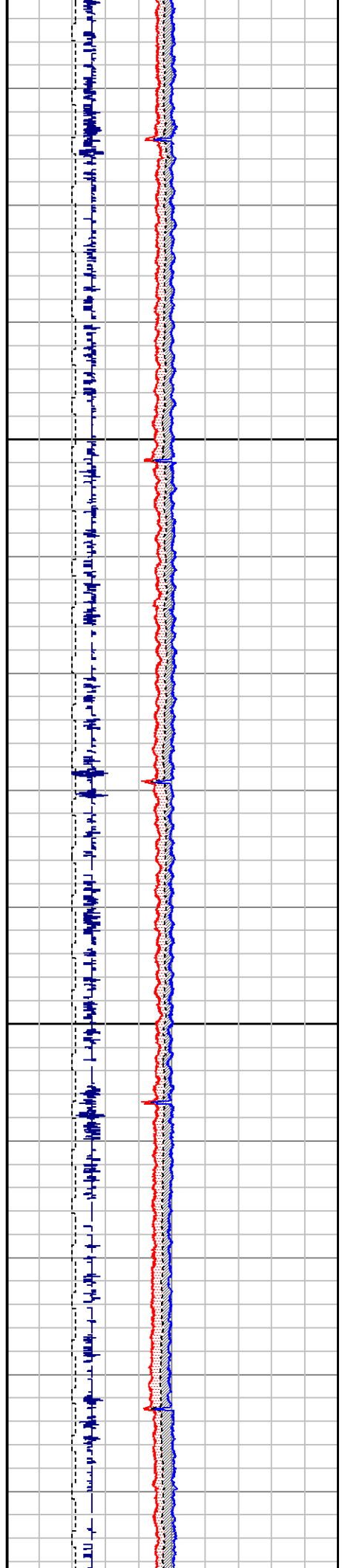
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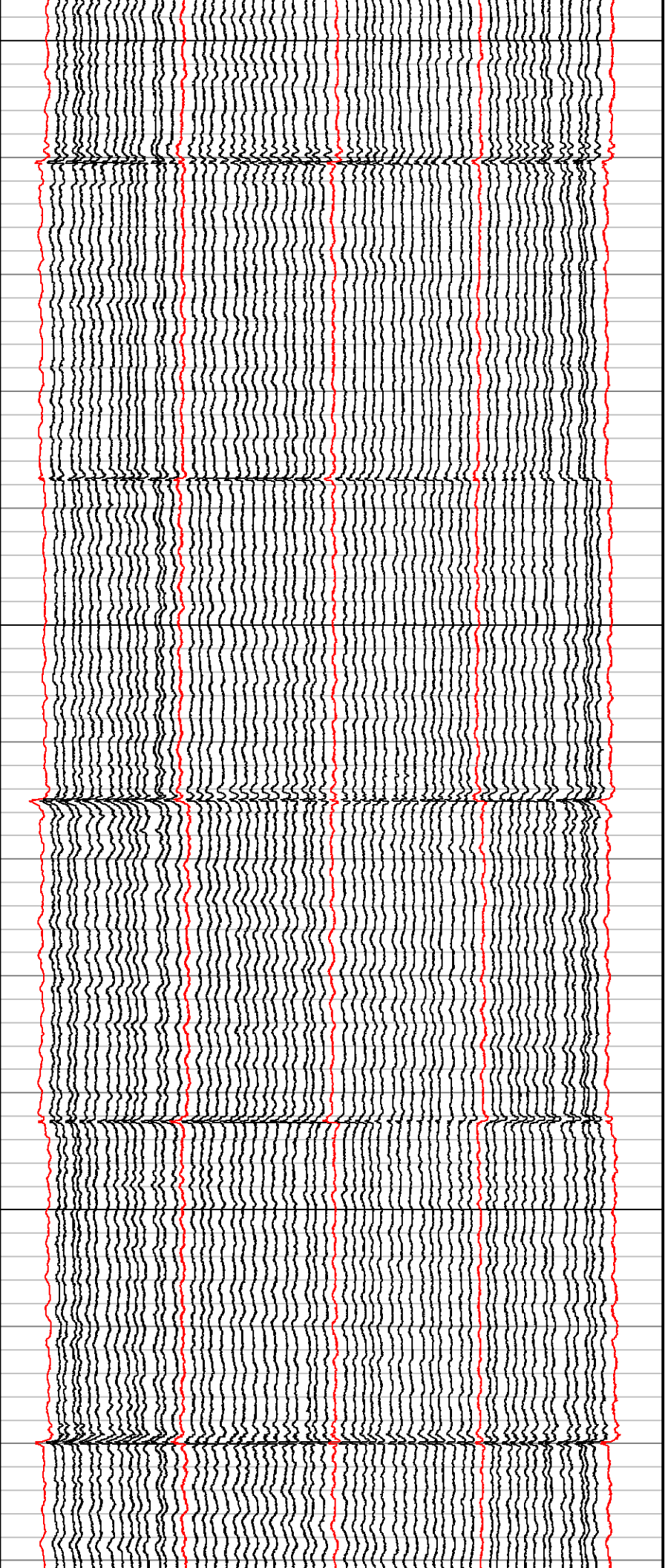


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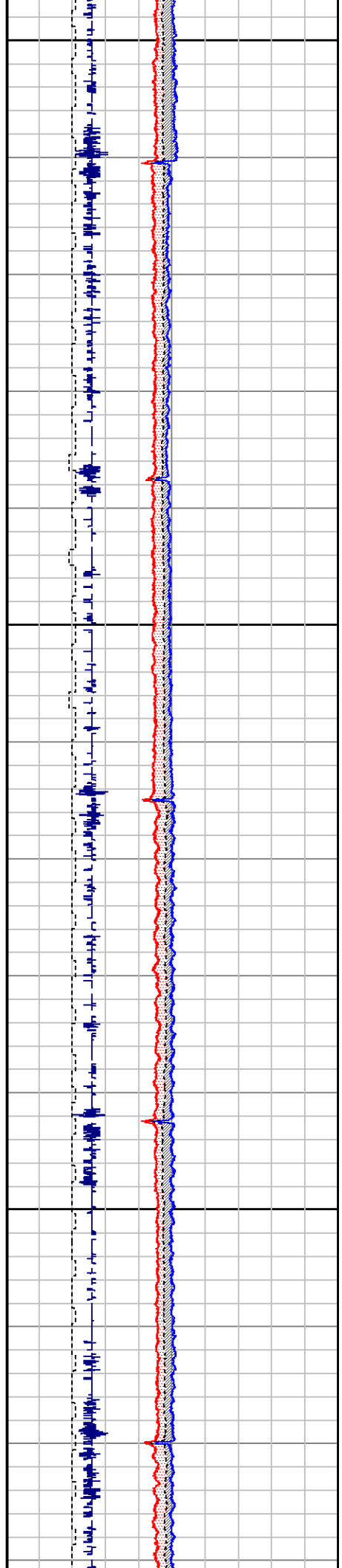


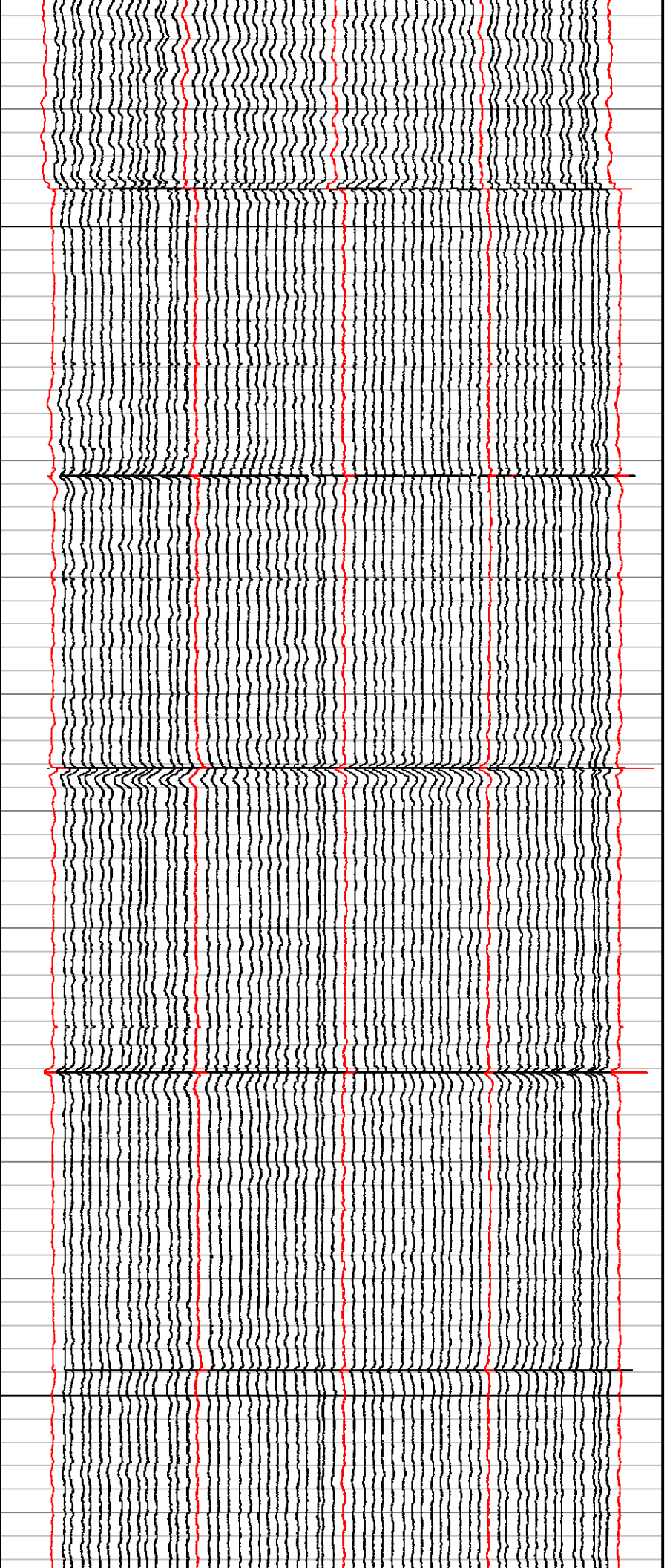


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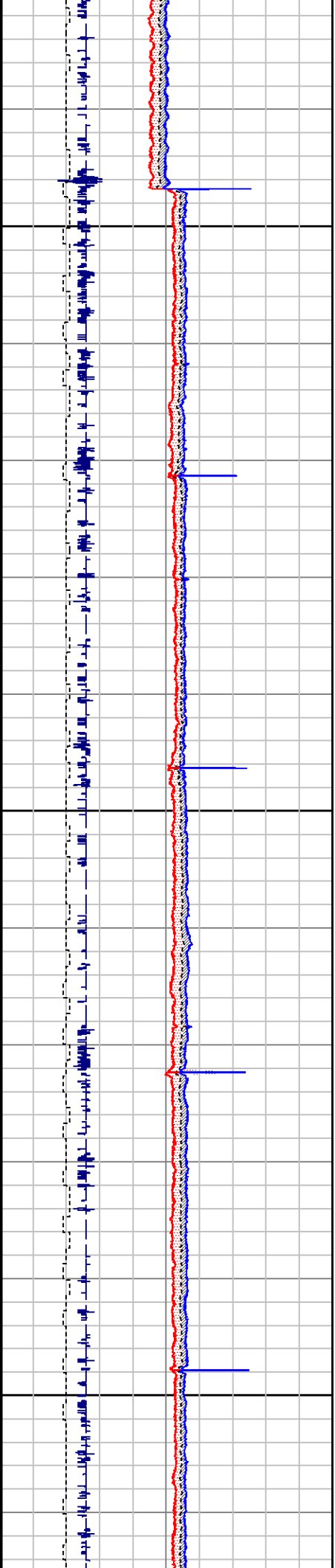


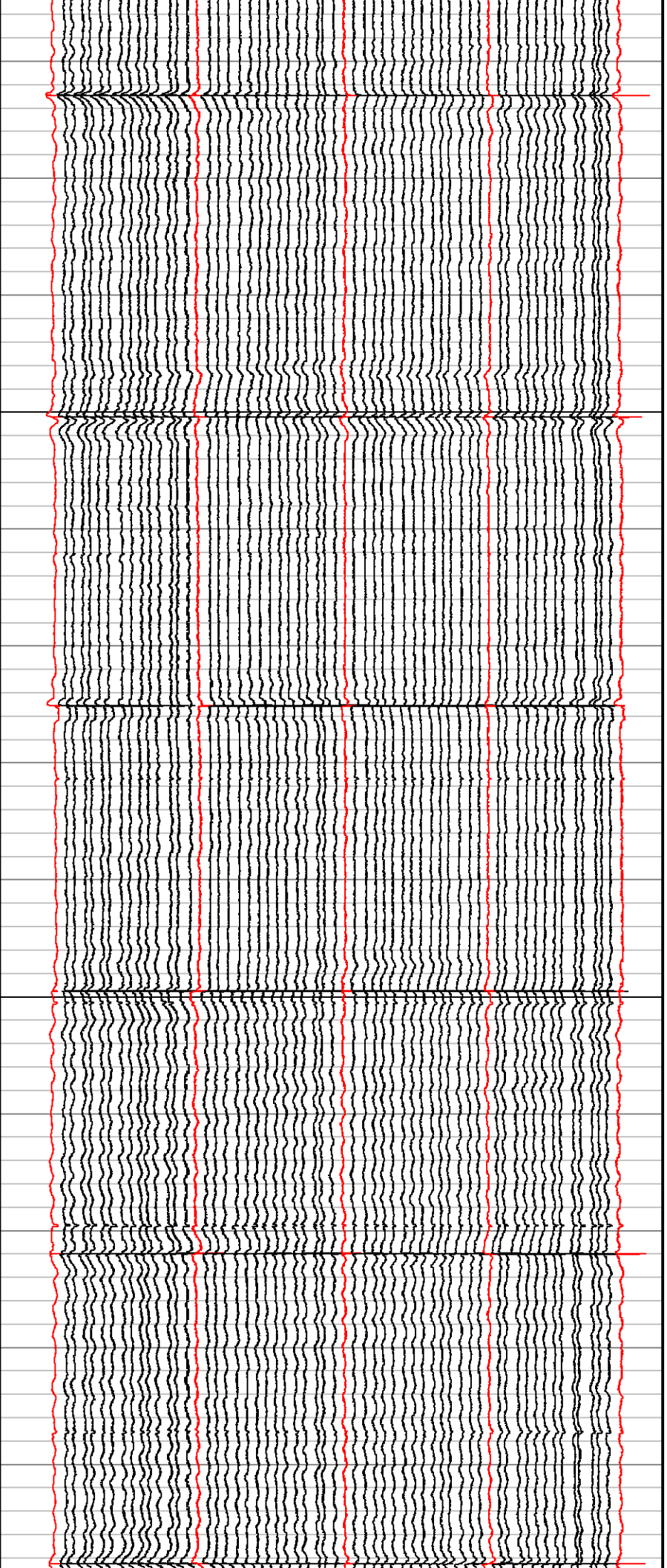


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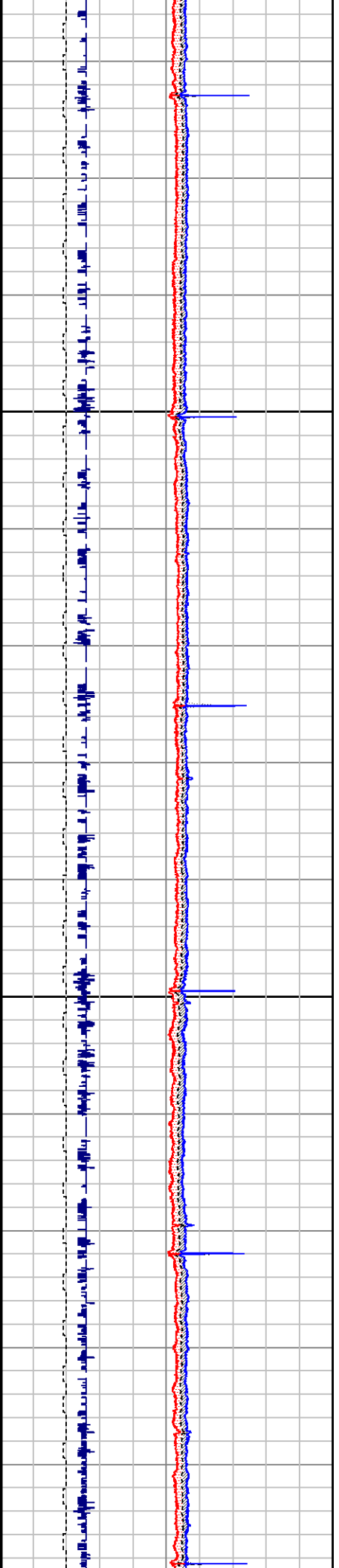
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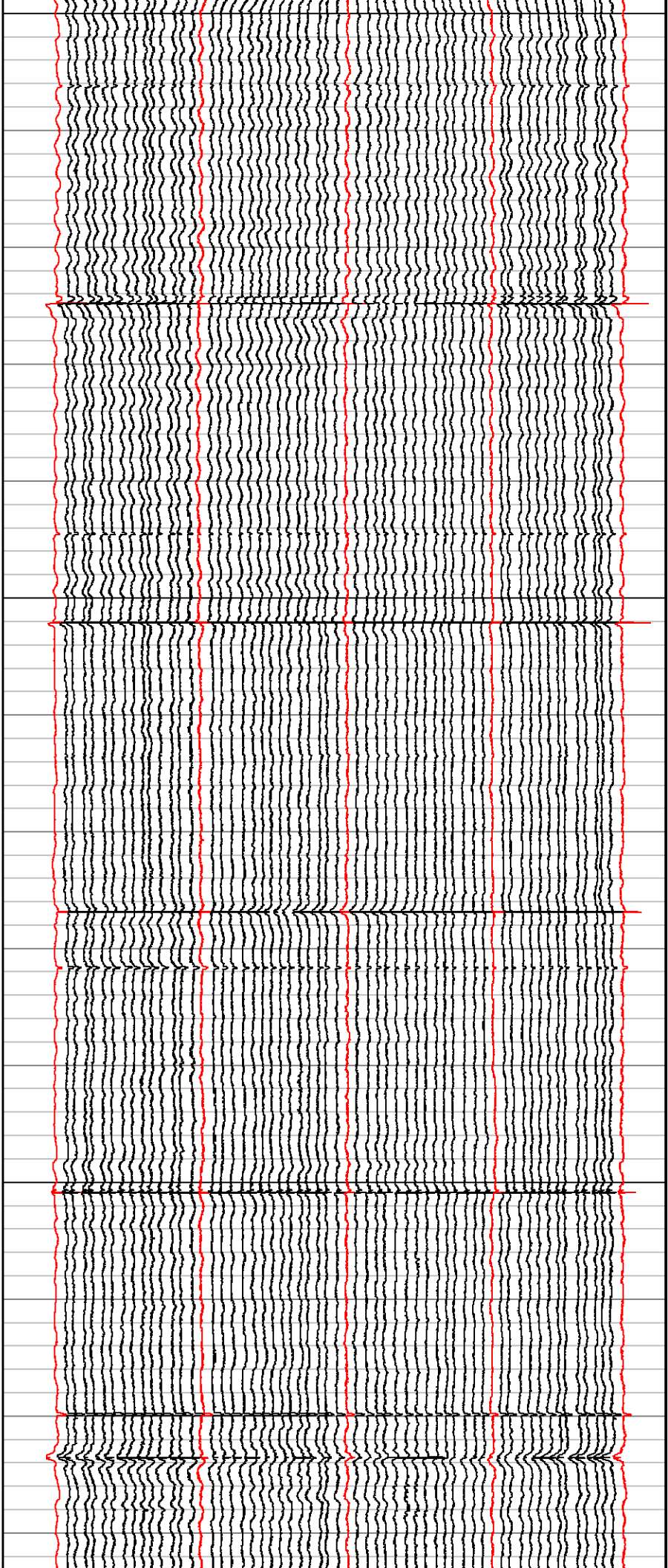


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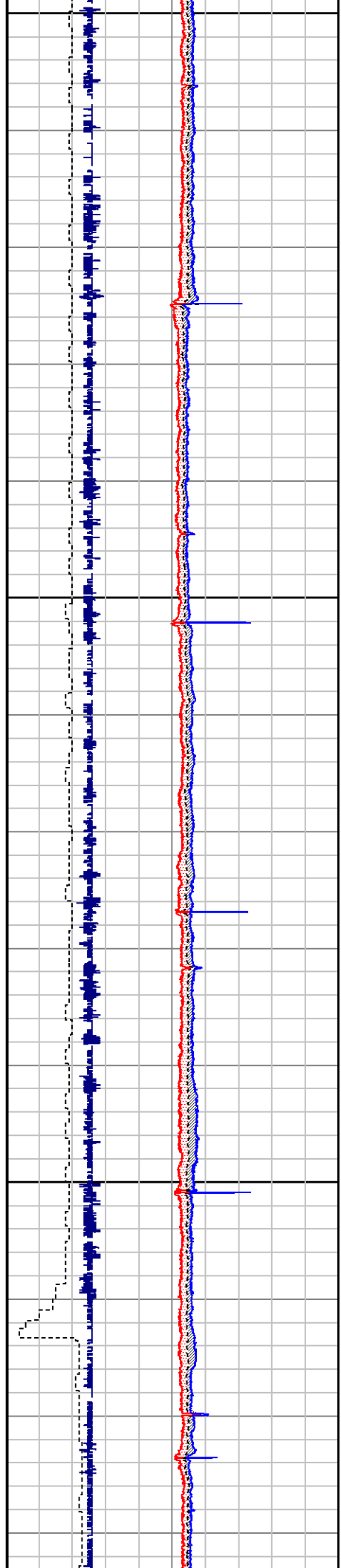




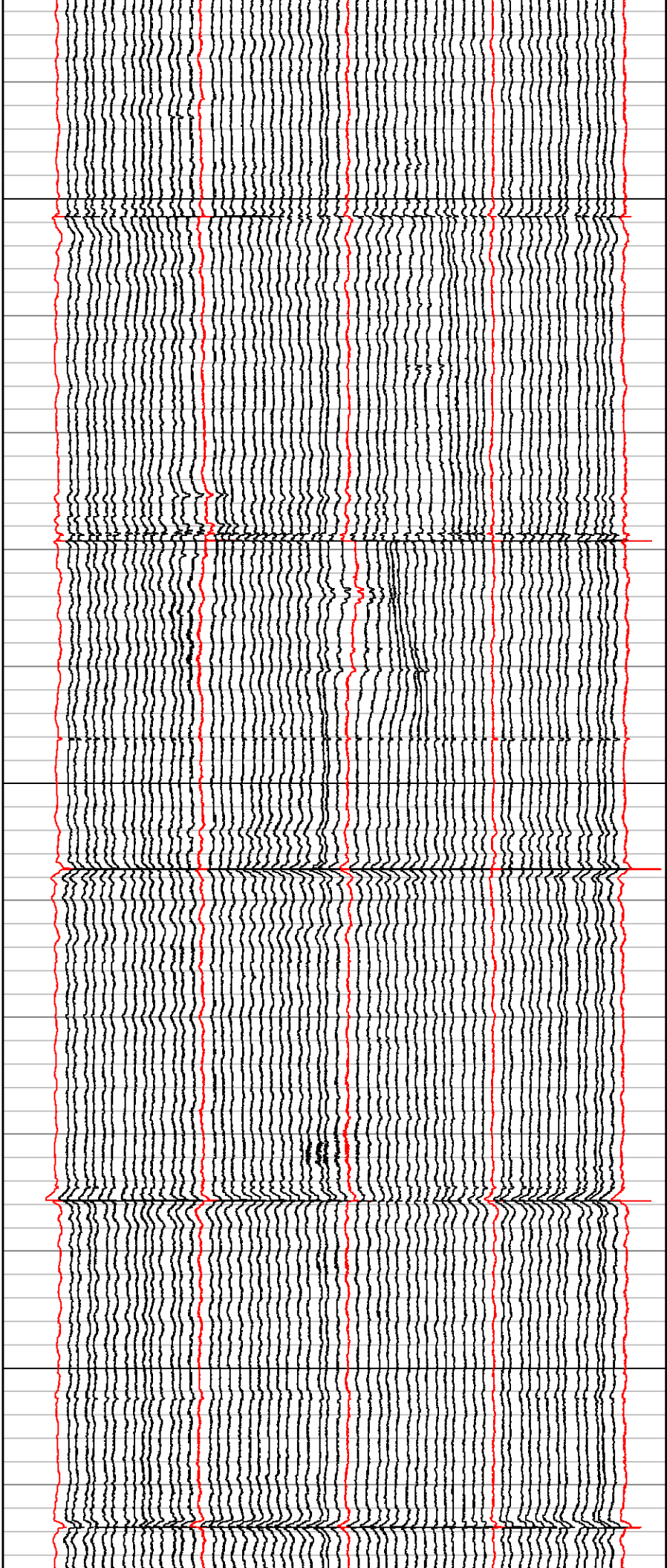
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650

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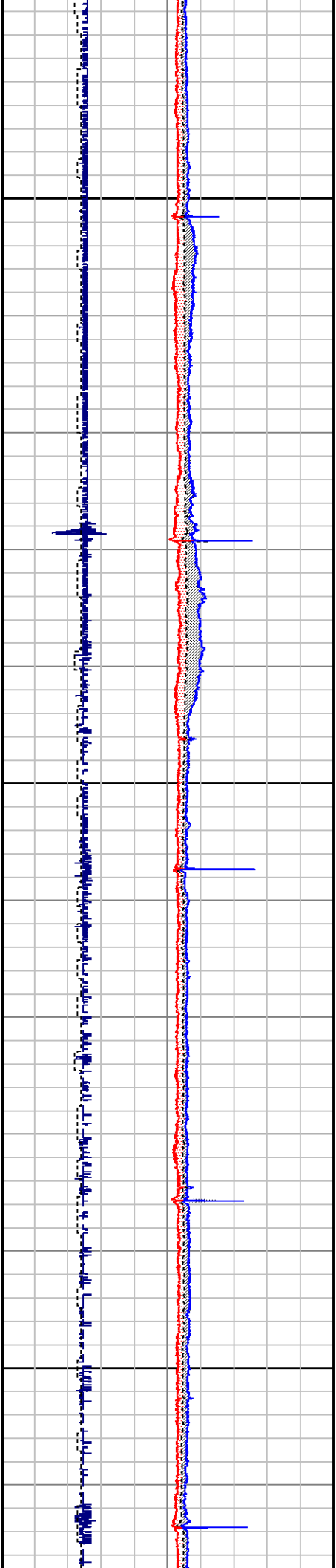


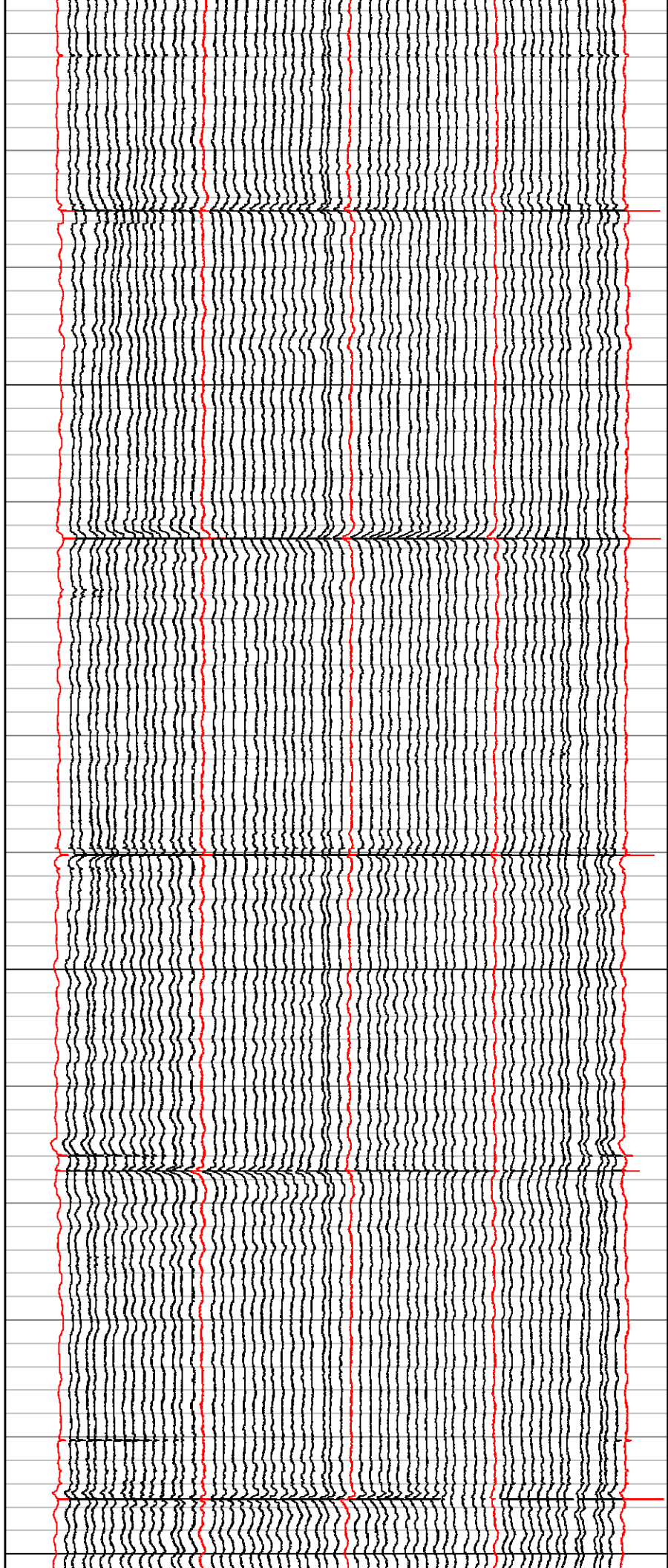


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725

750

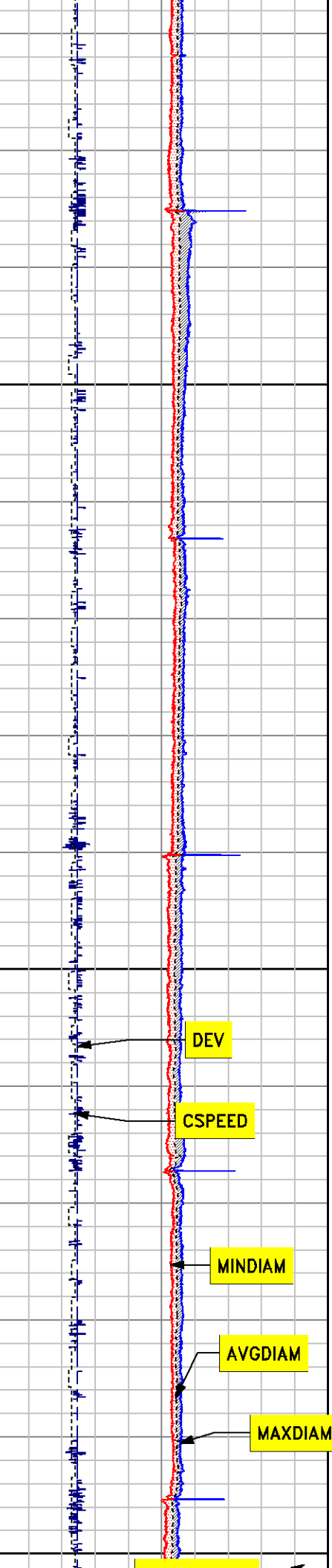


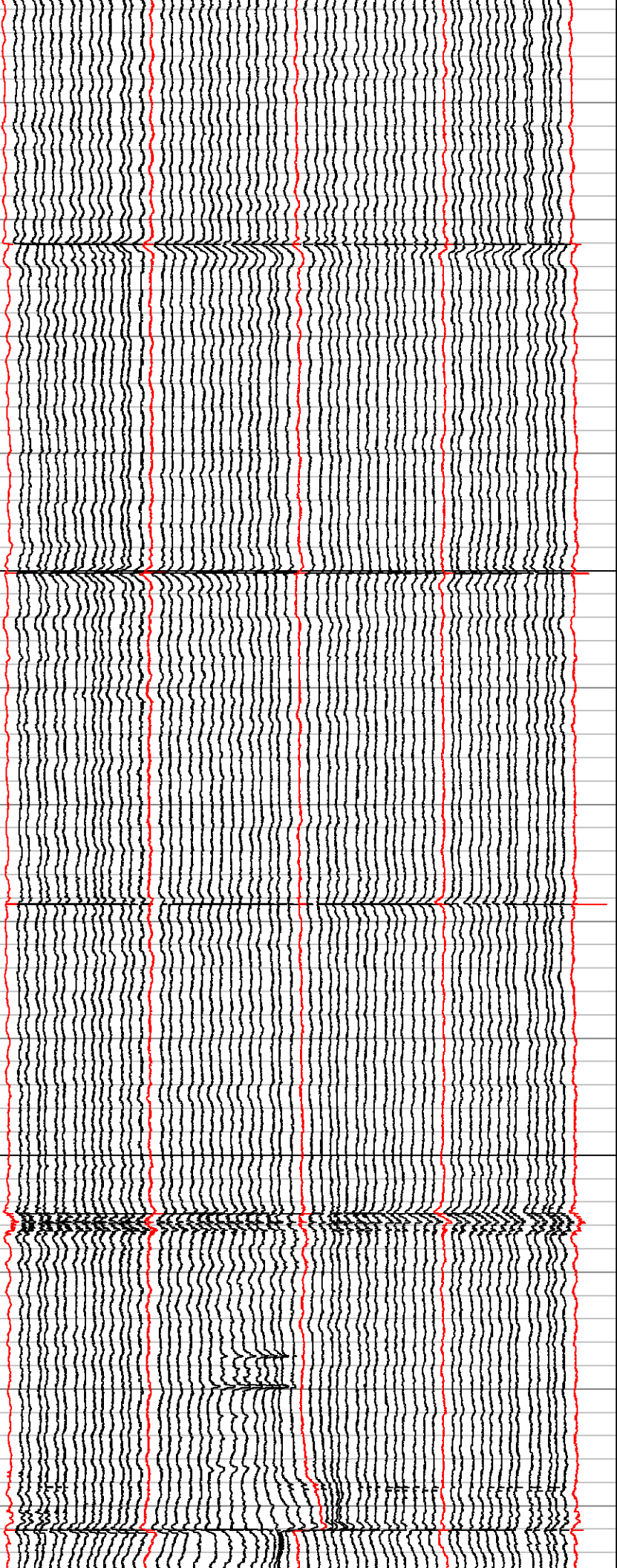


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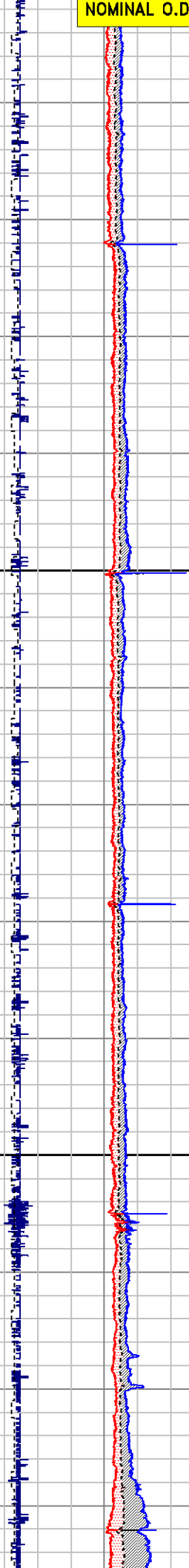




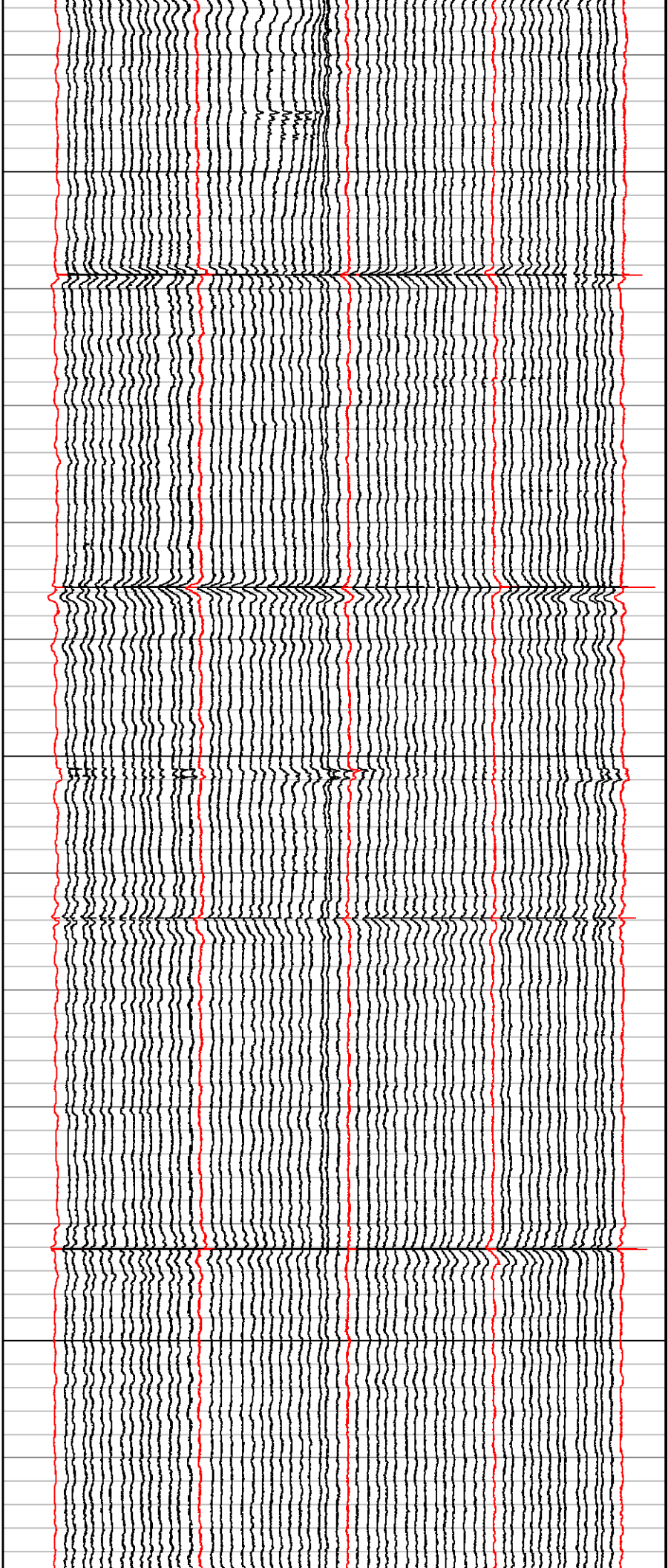
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875

NOMINAL O.D.



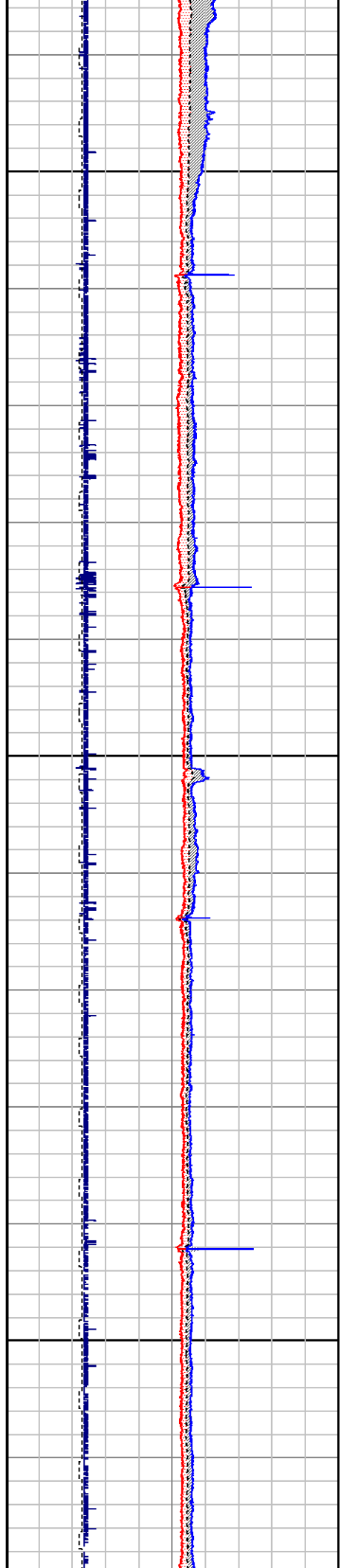




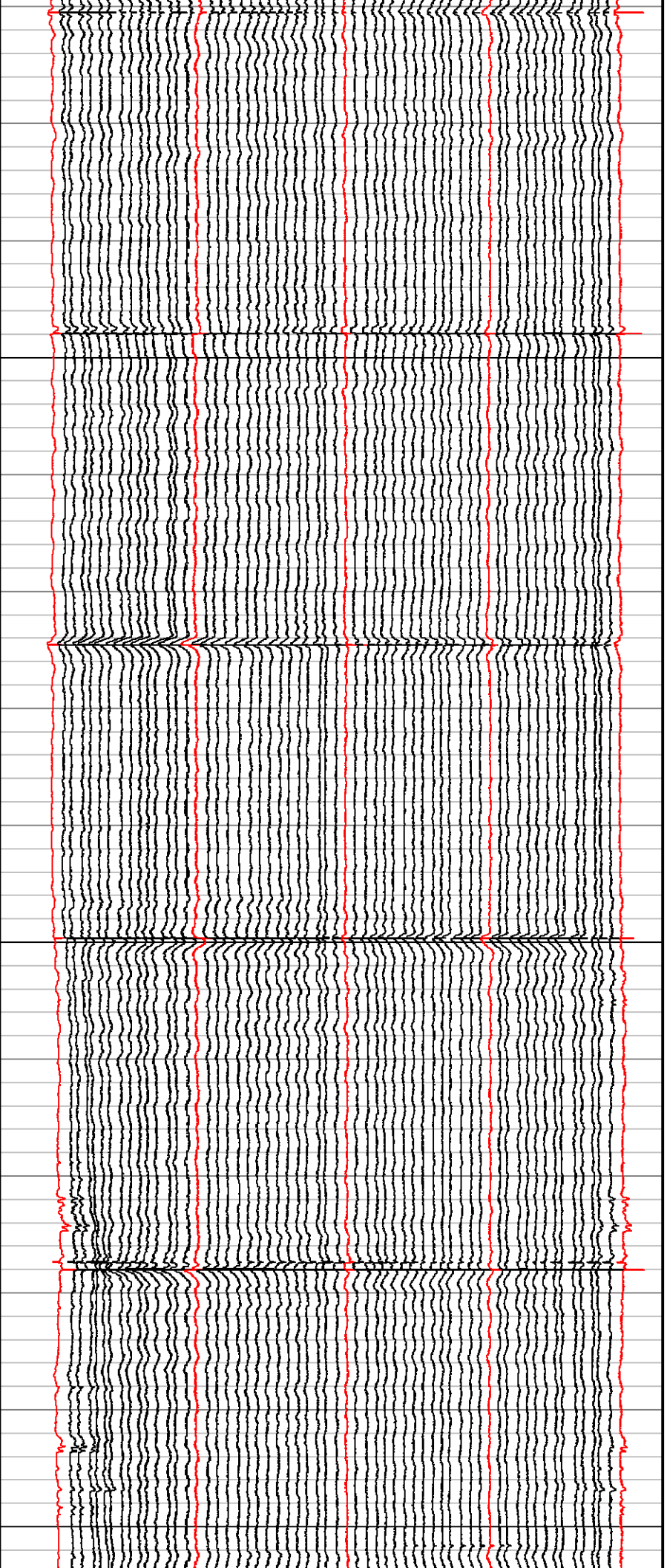
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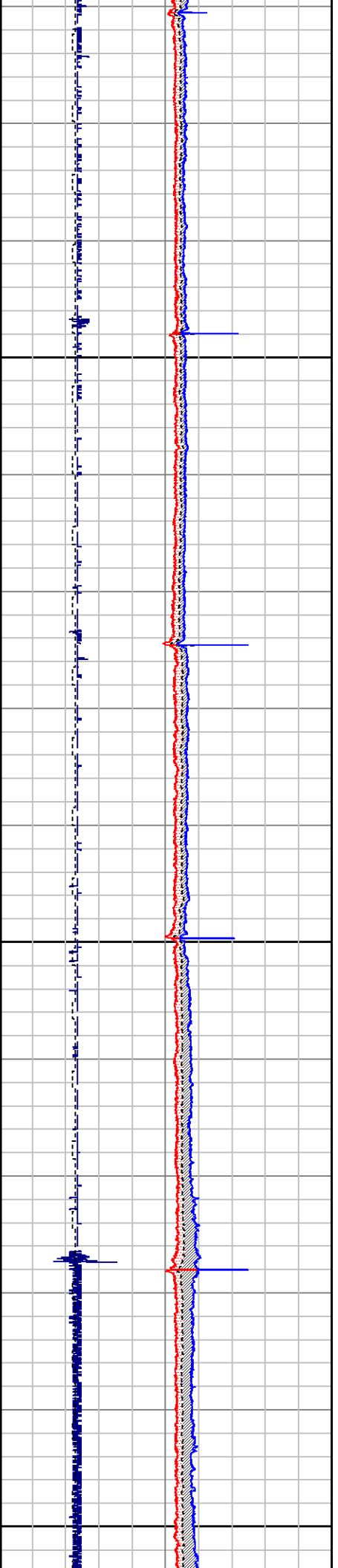


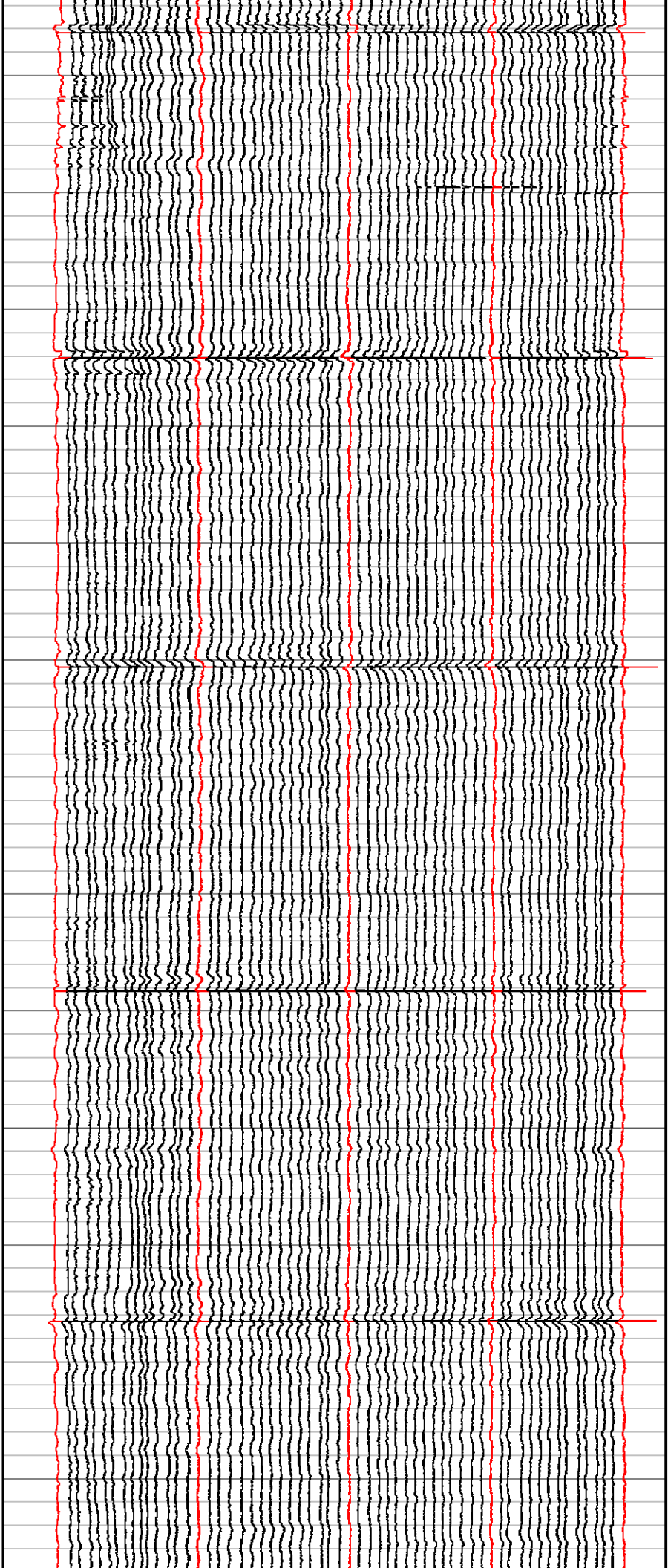


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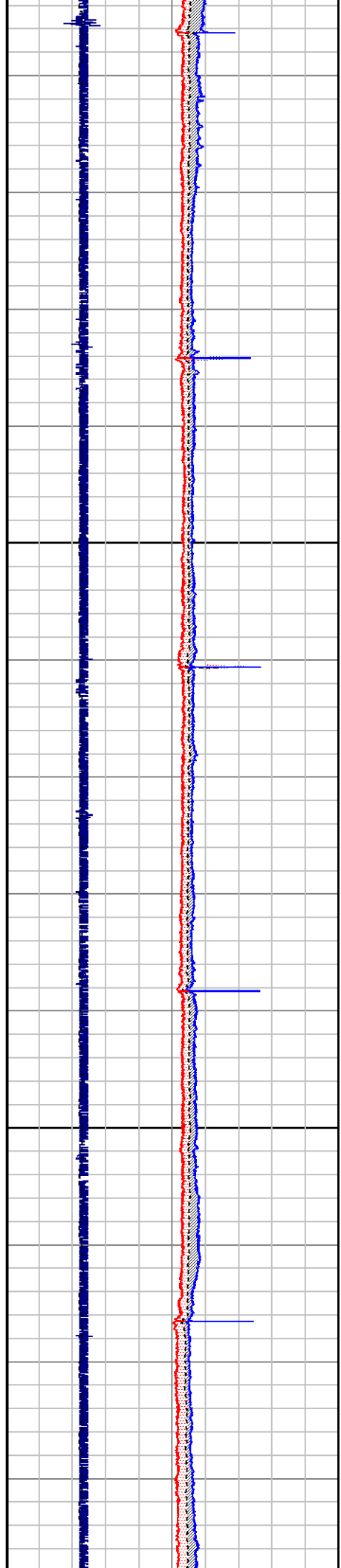
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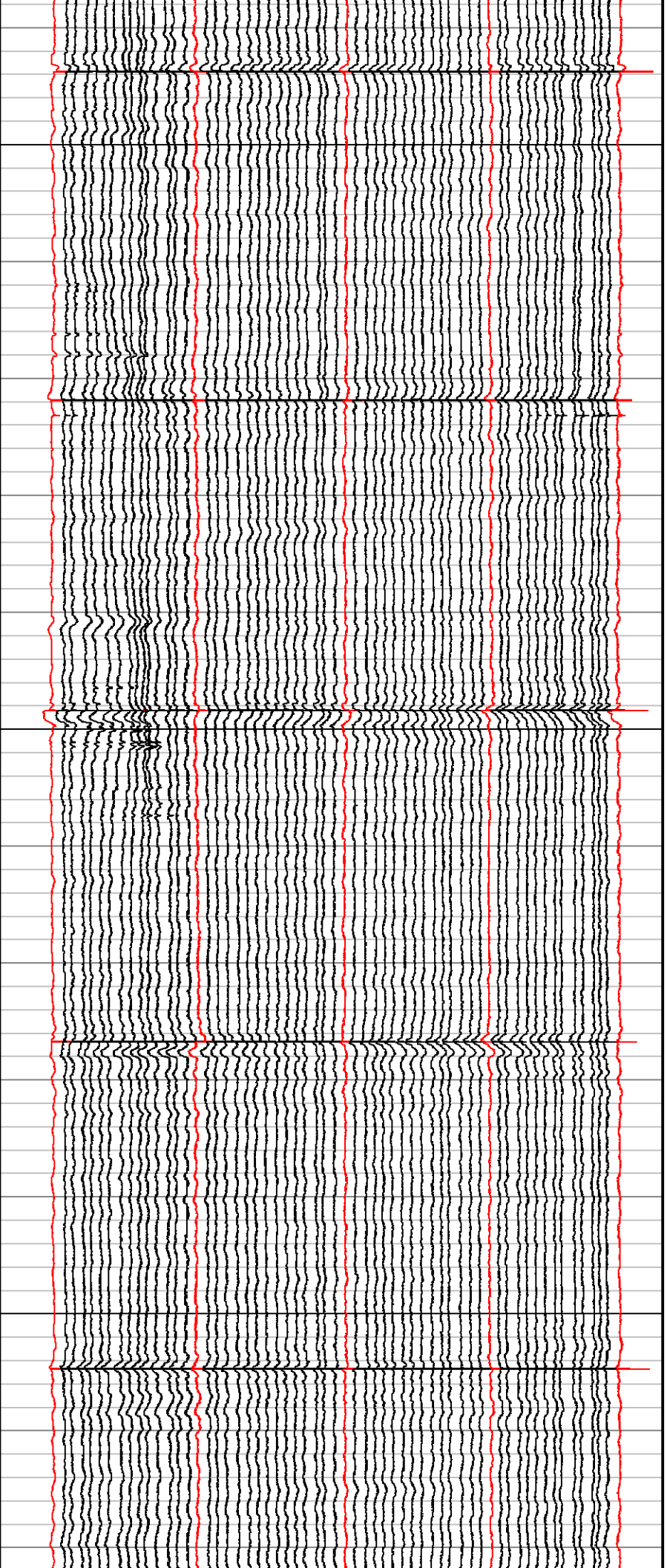




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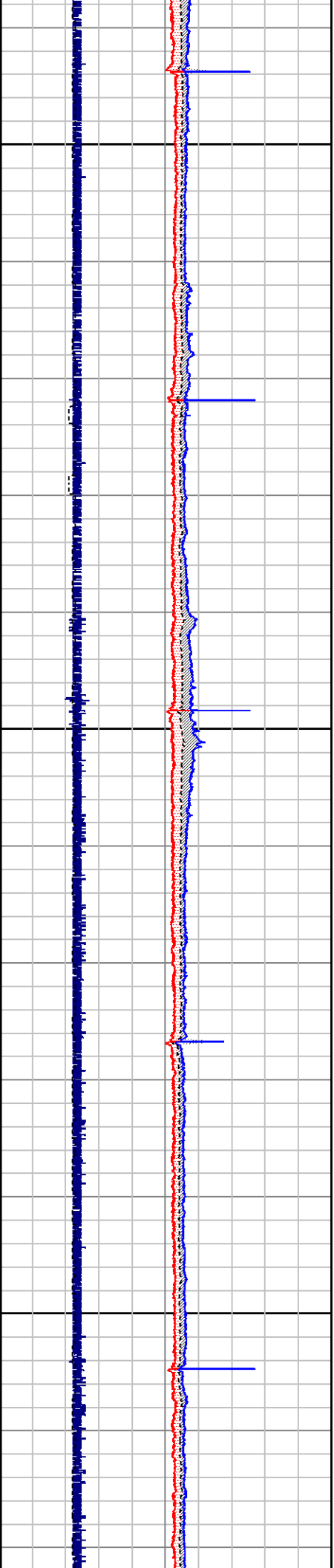




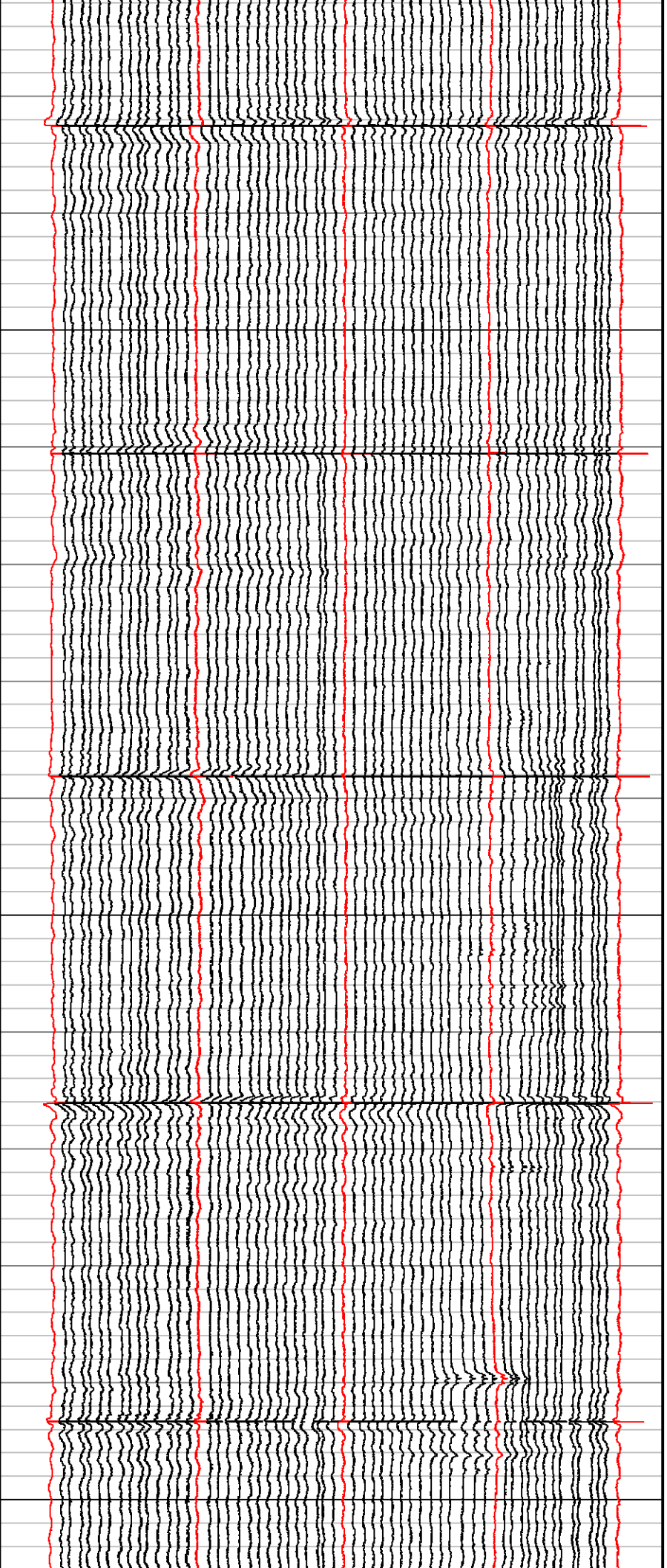
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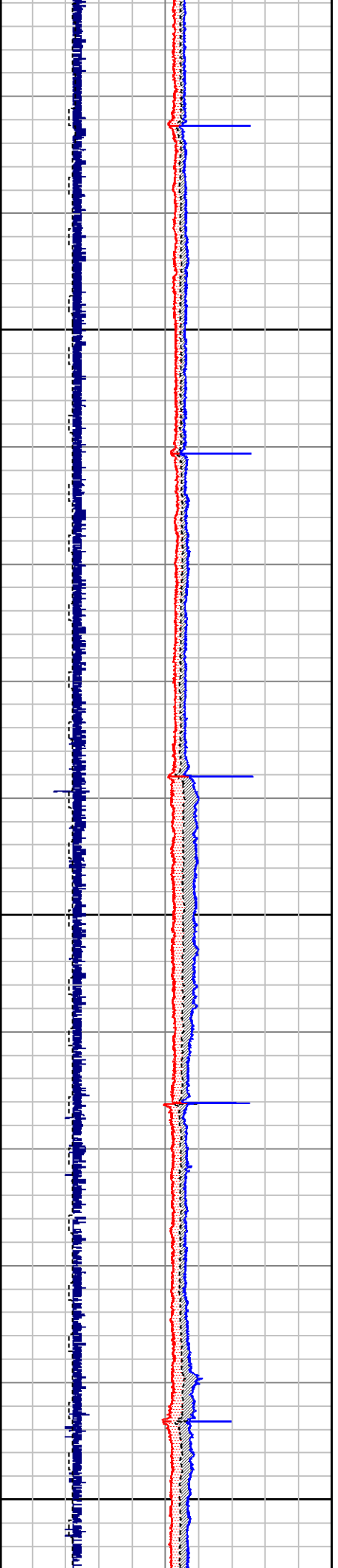




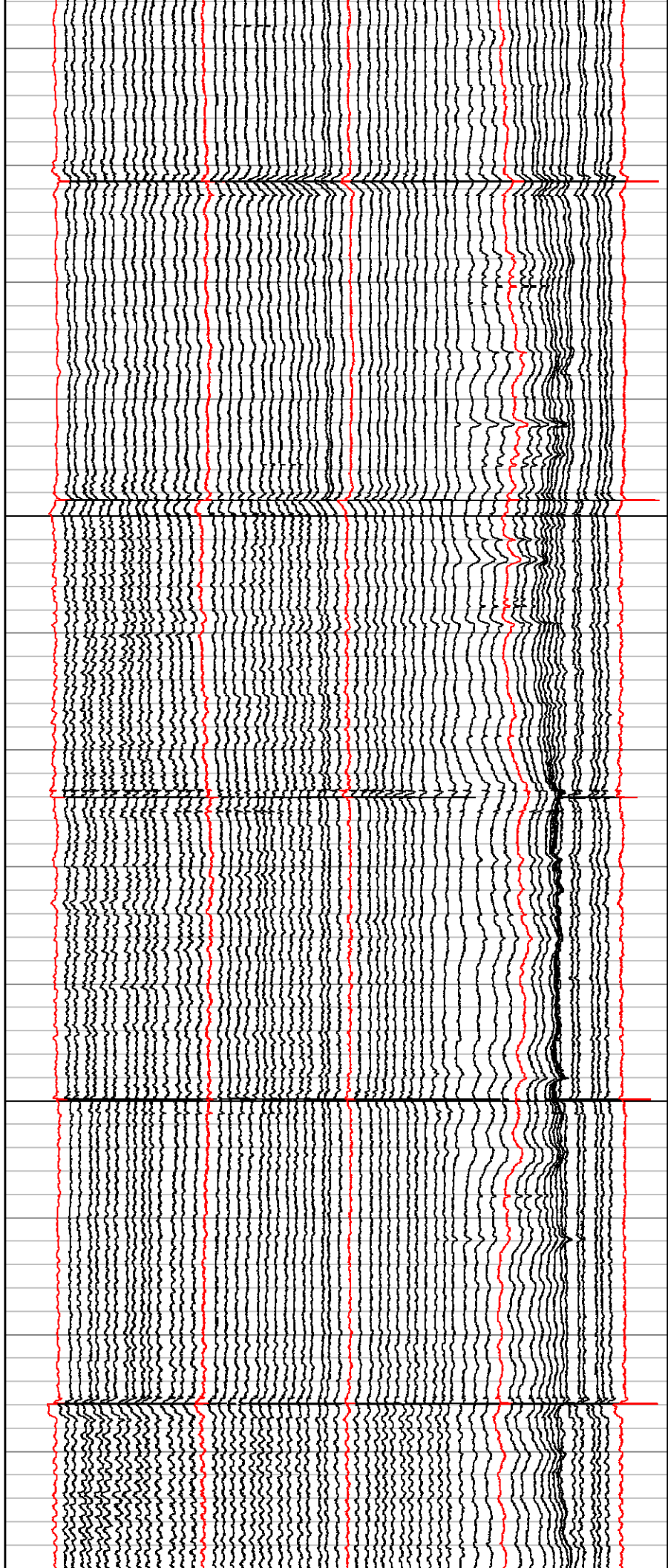
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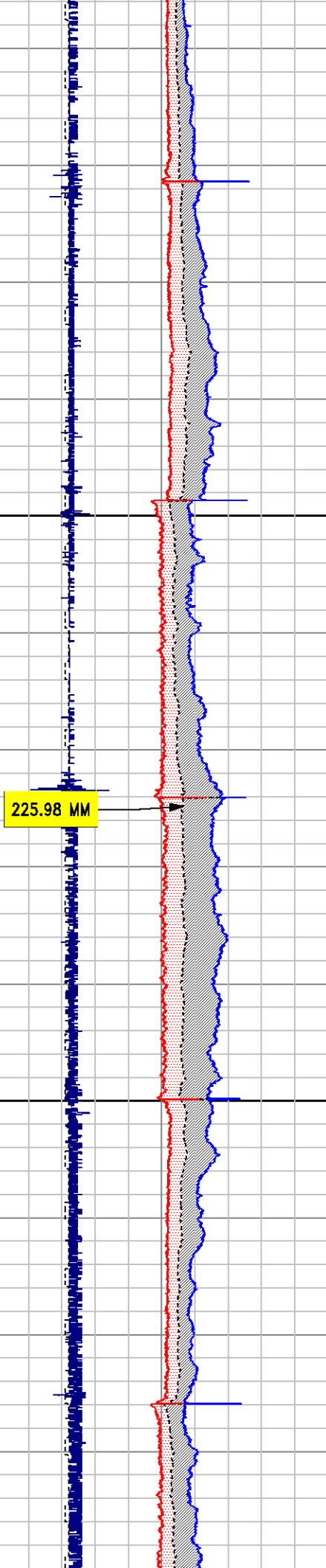


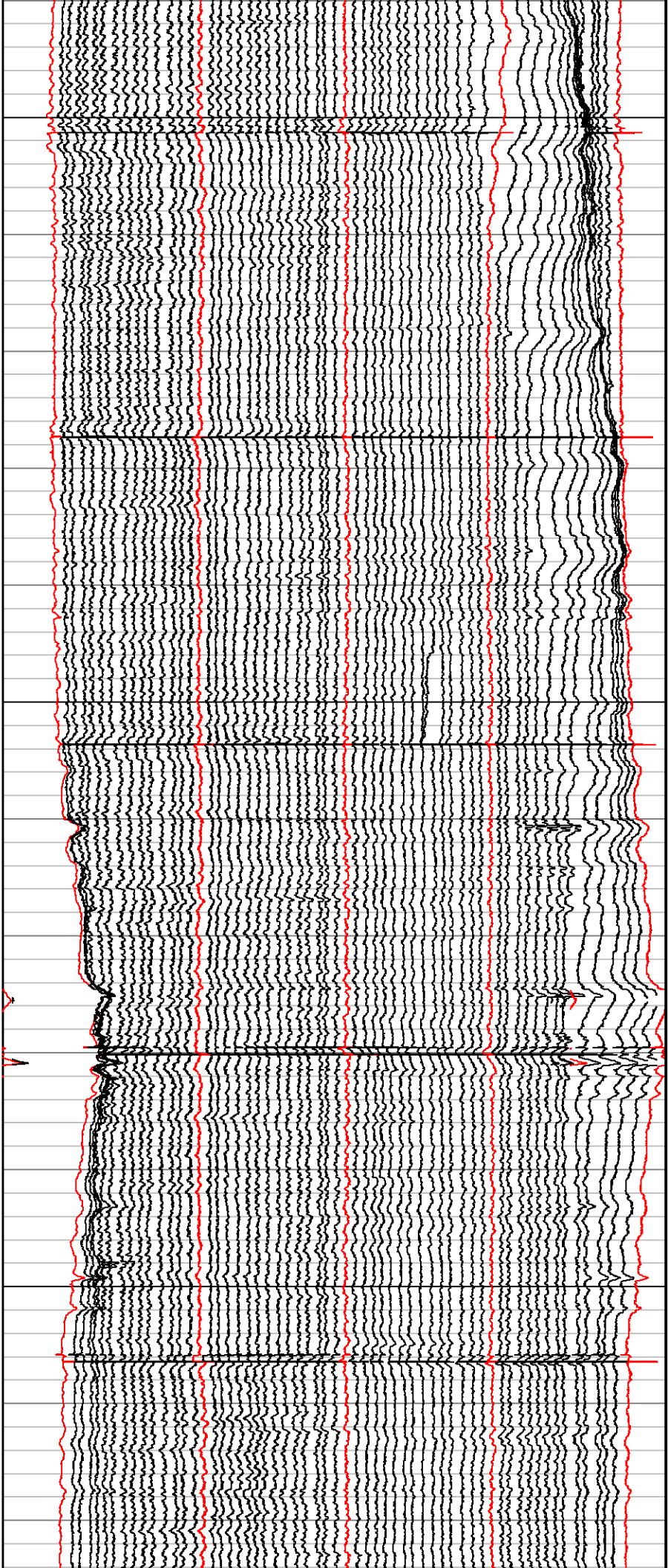




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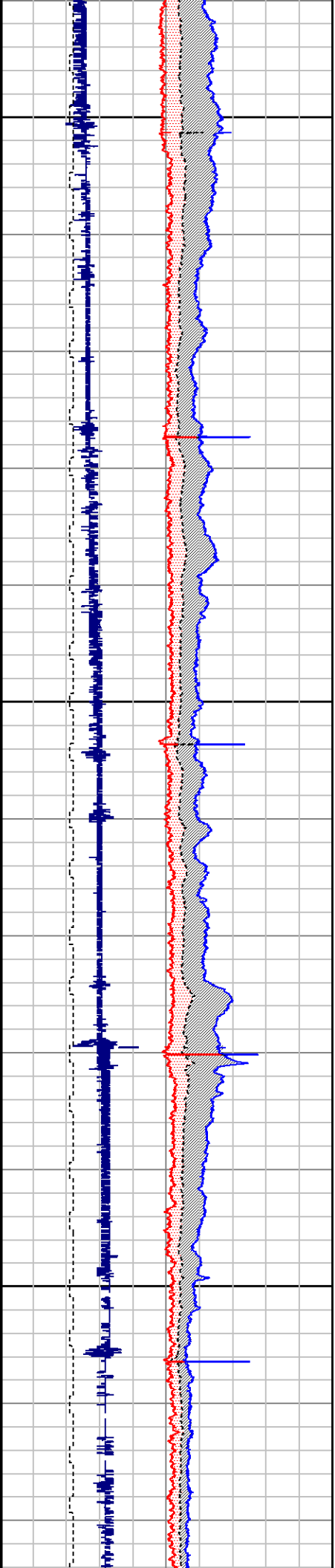




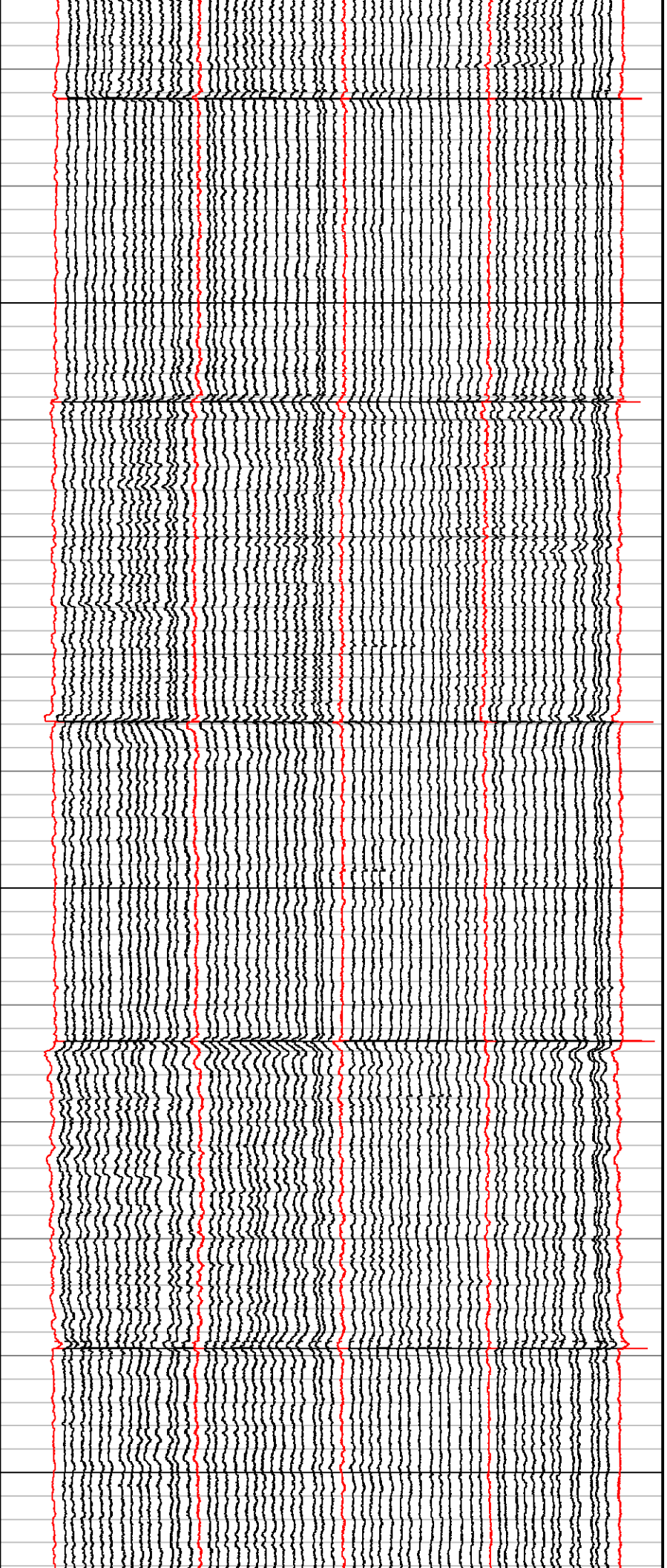
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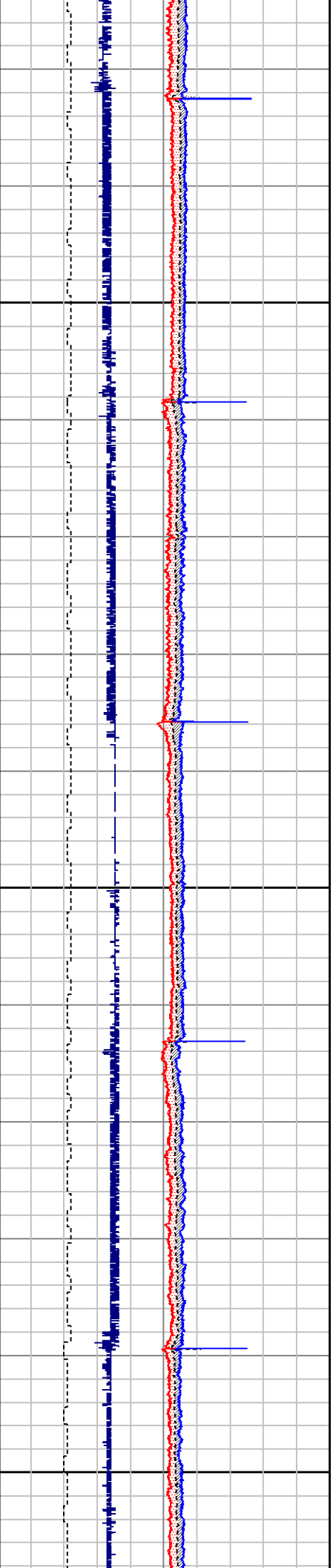


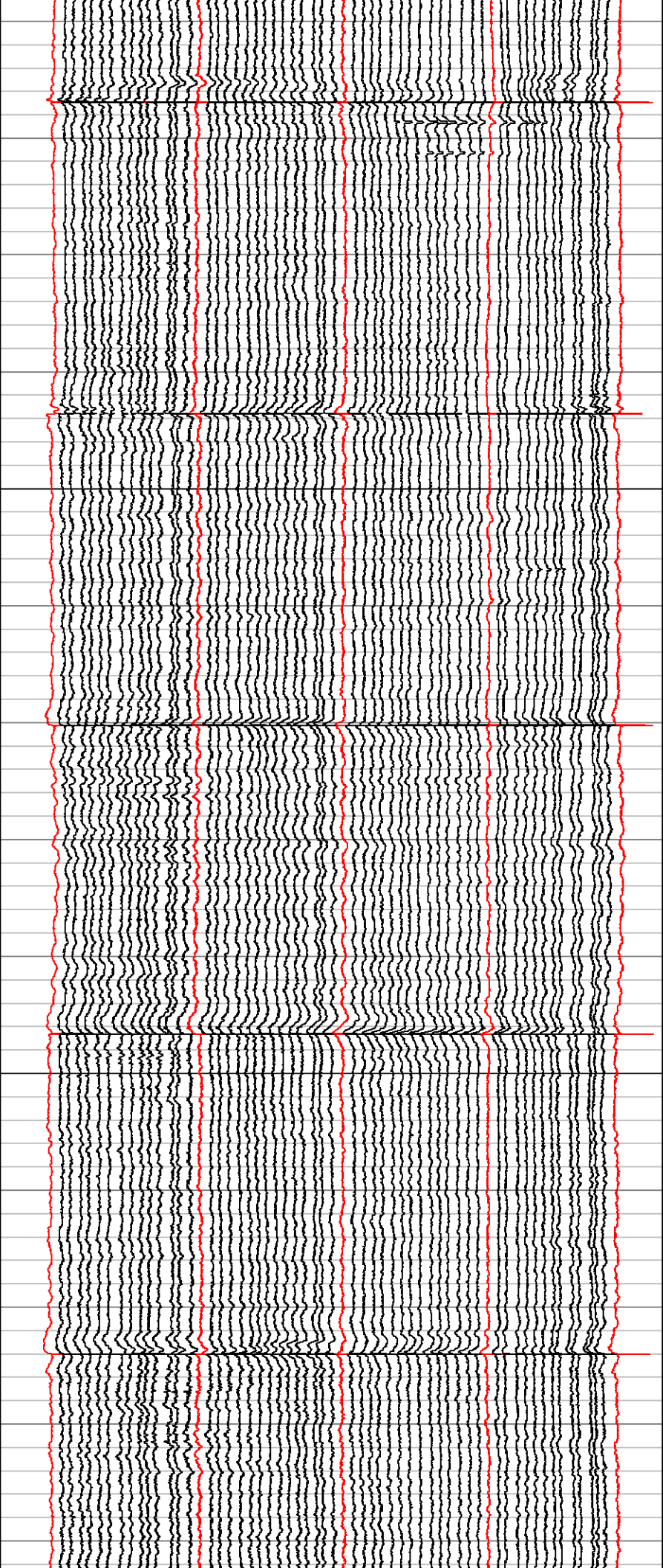


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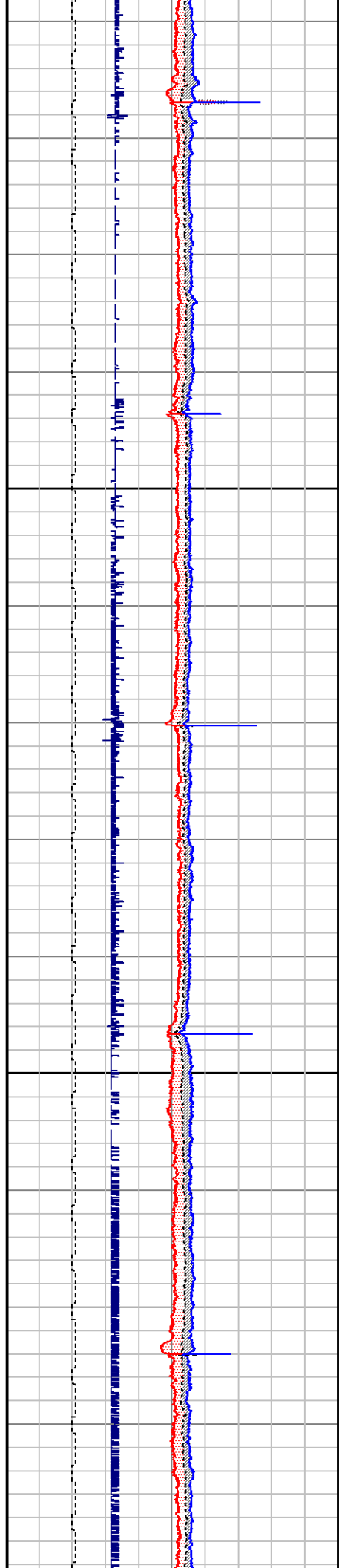
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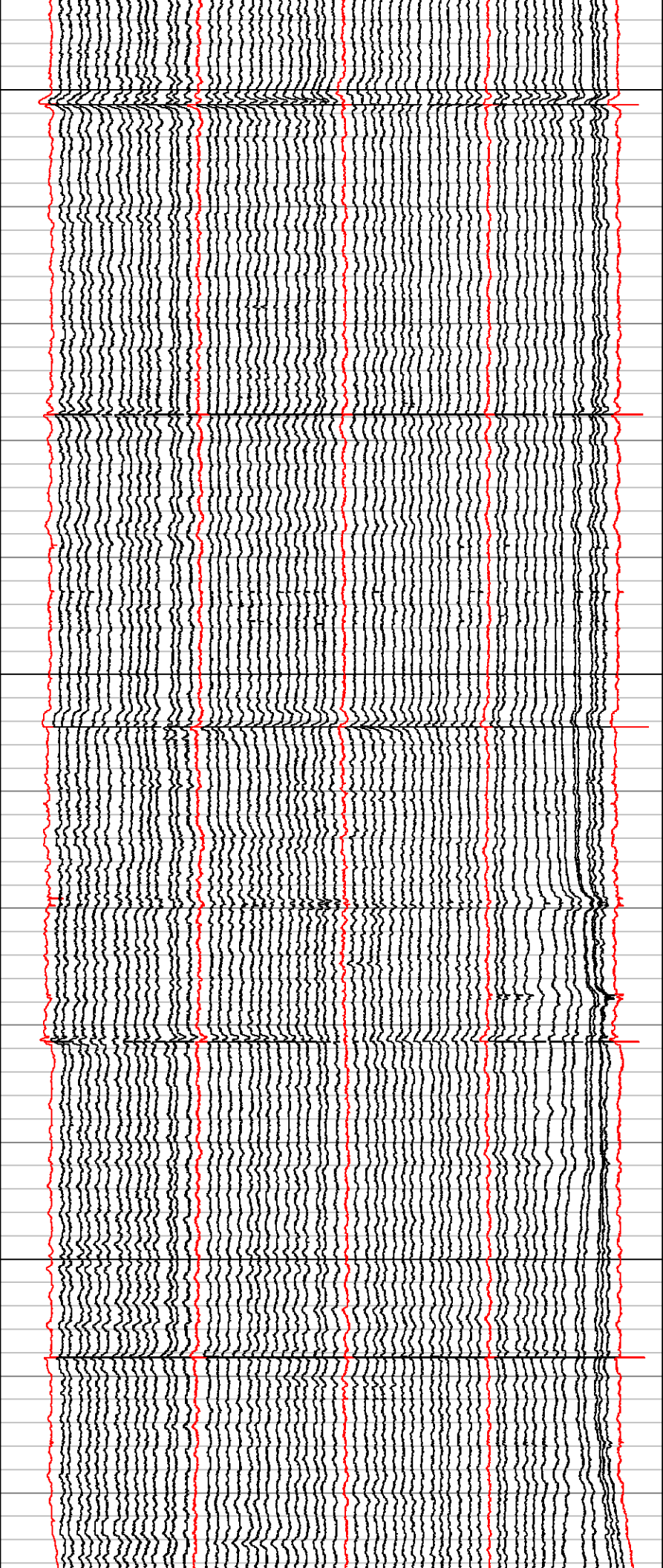


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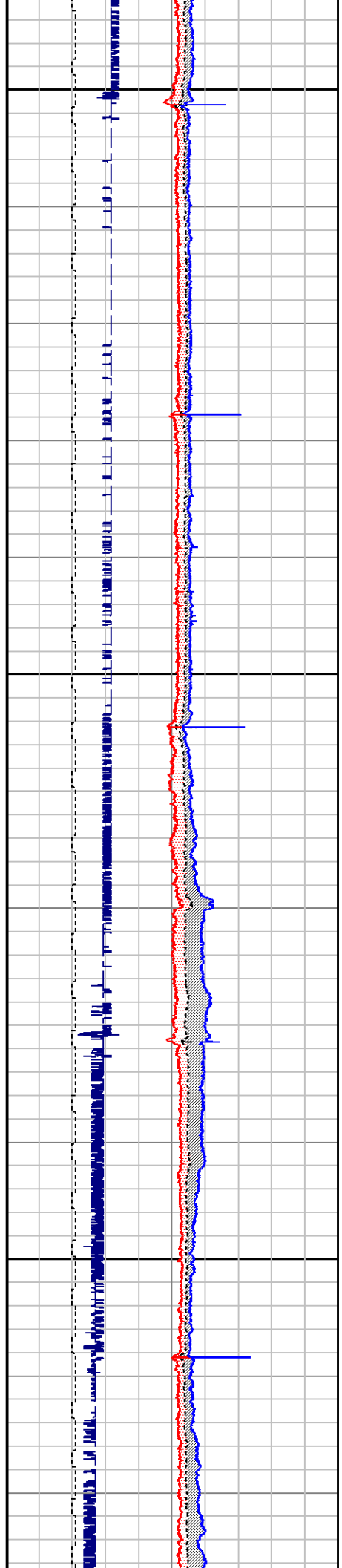


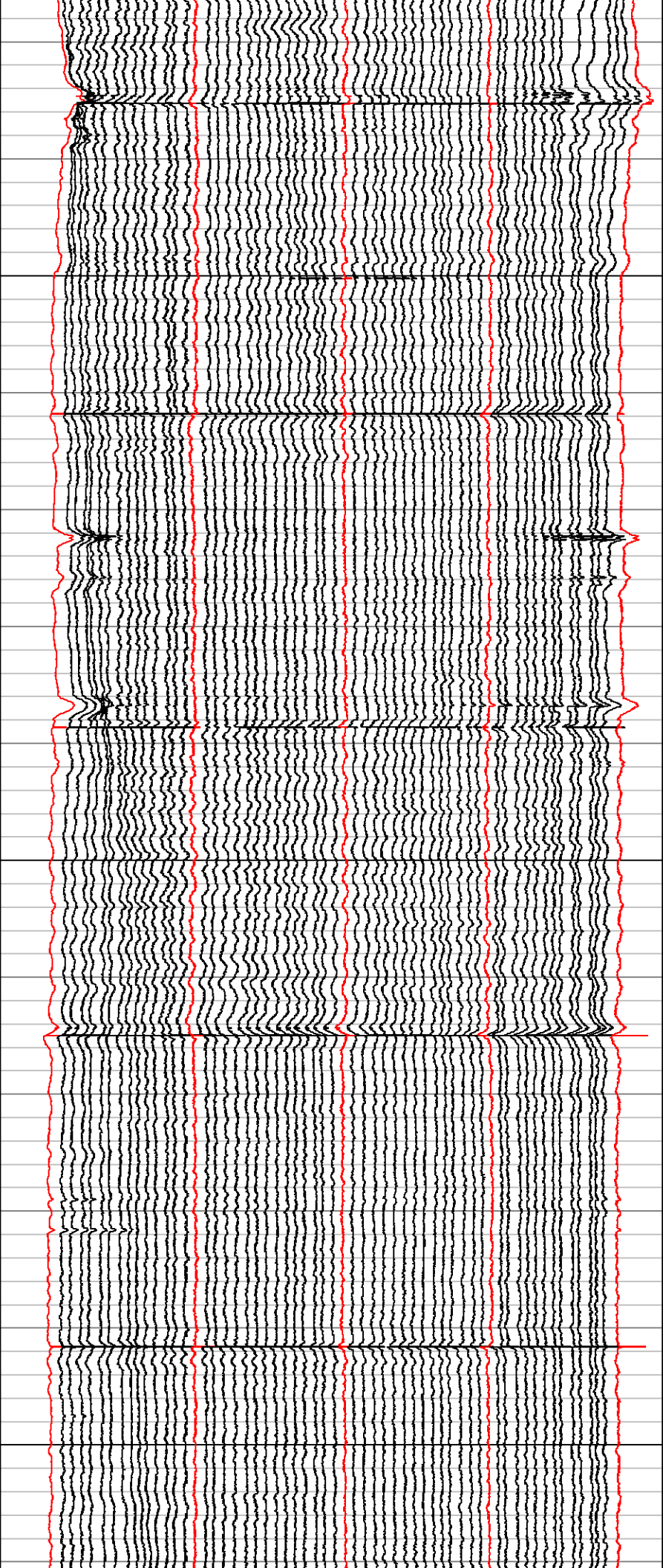


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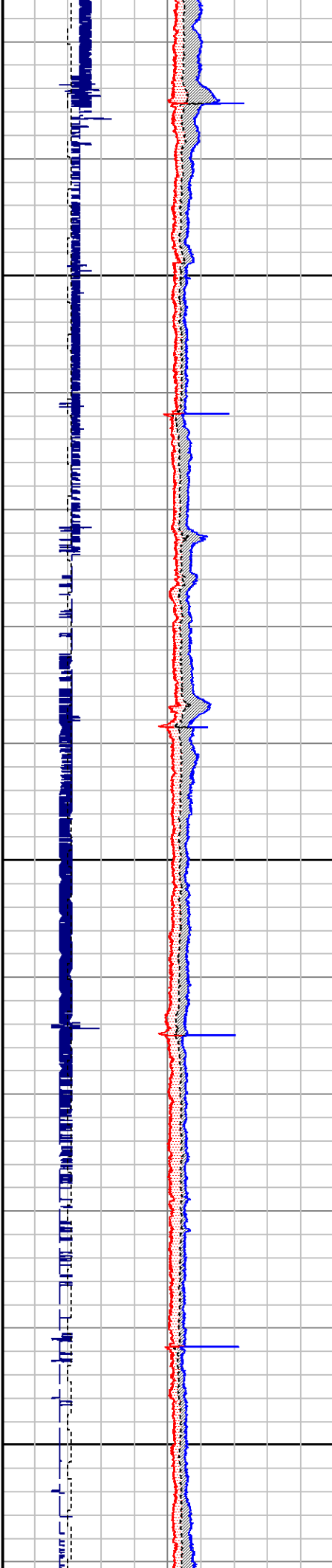


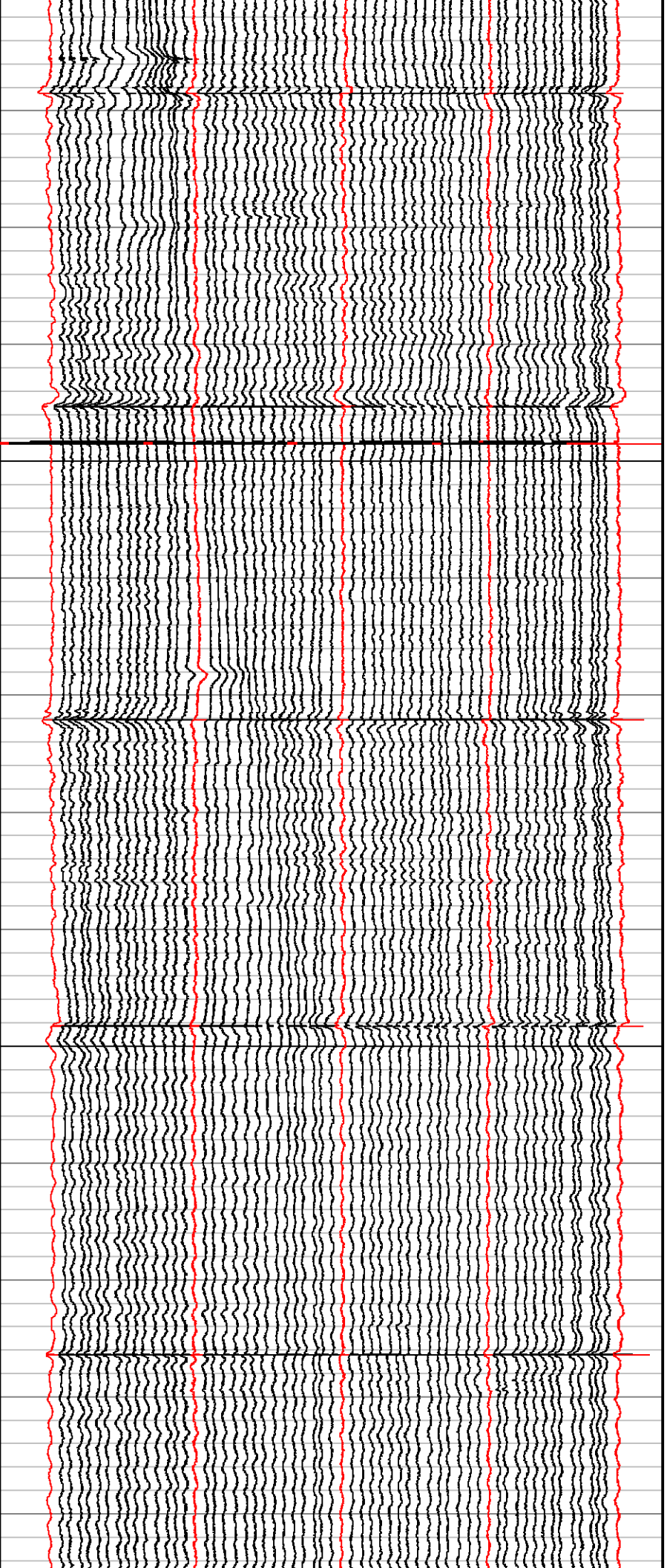


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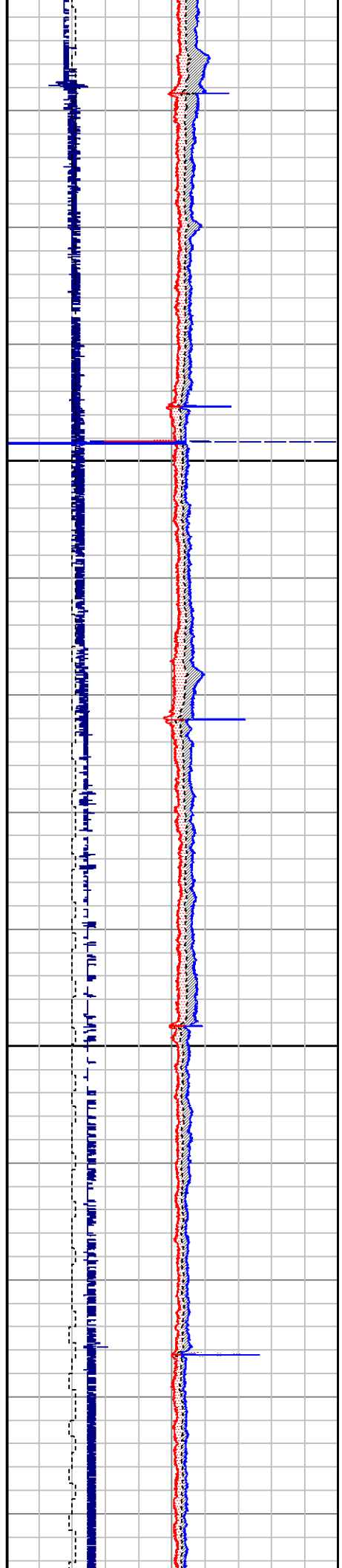
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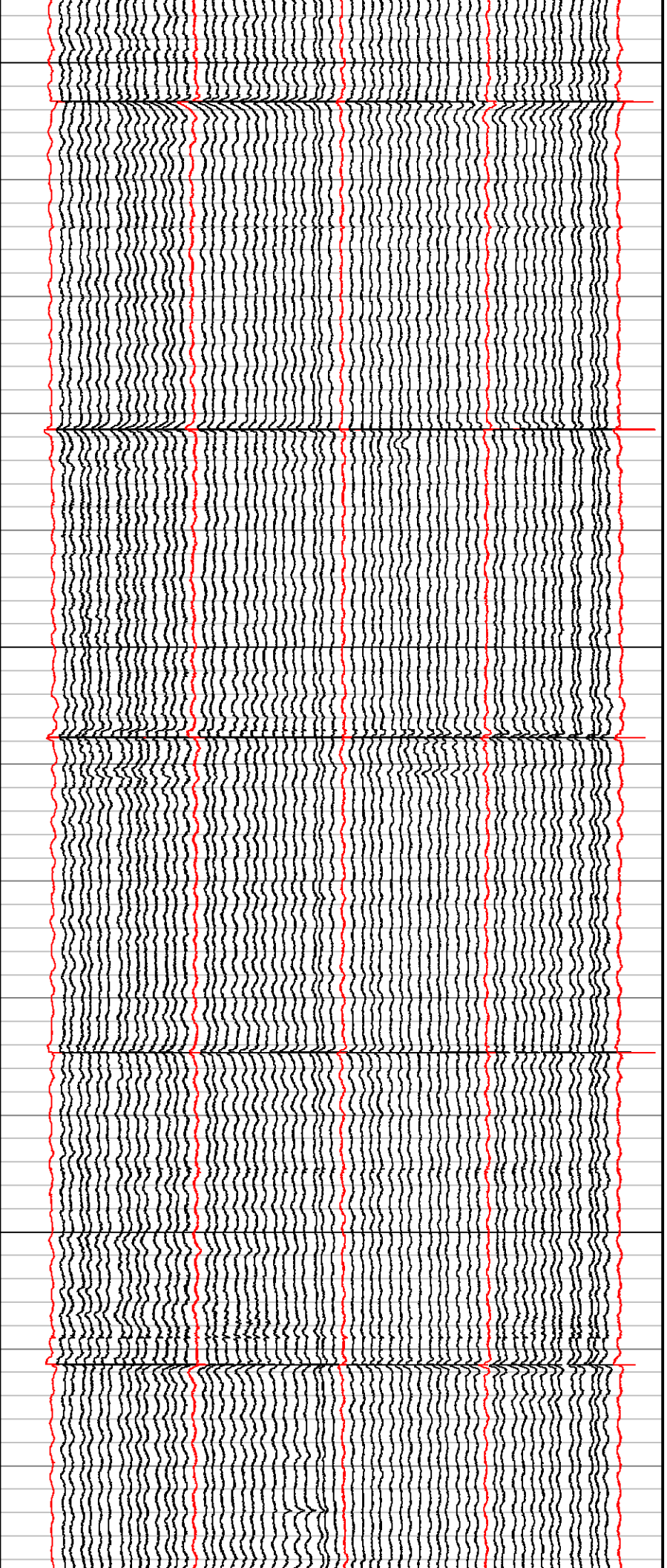


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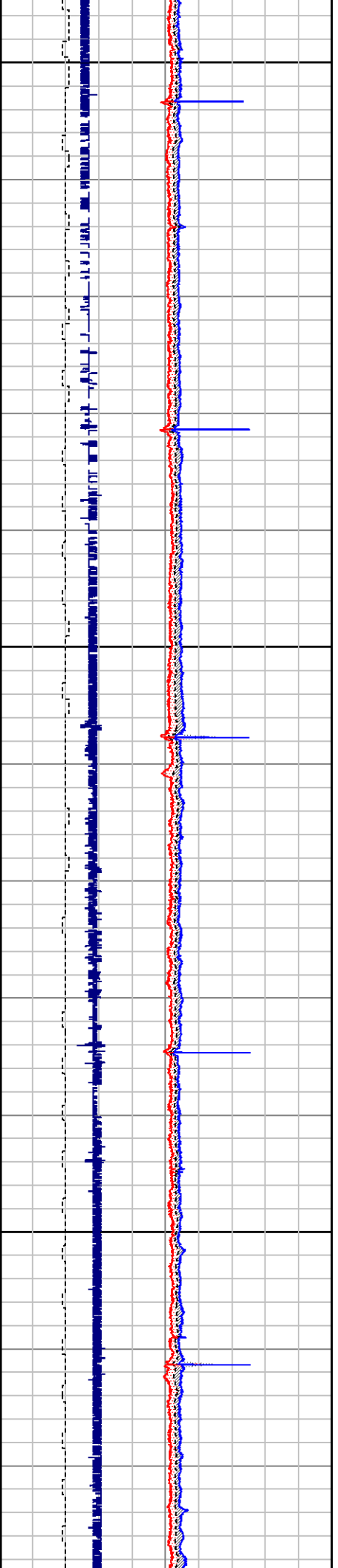




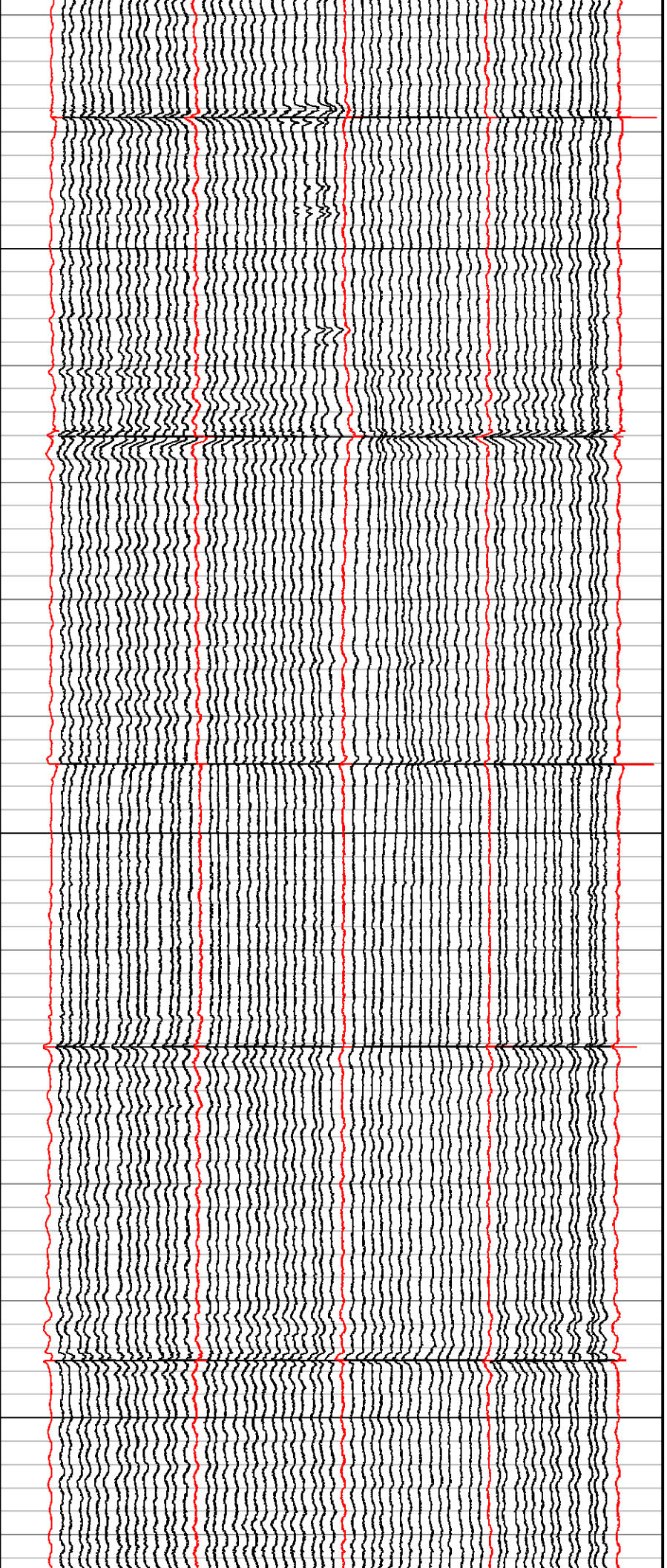
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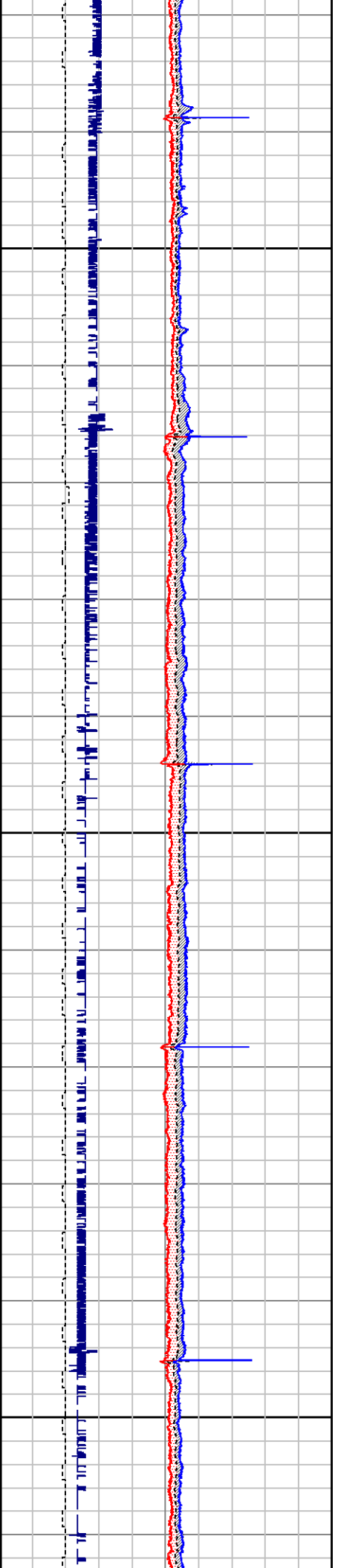


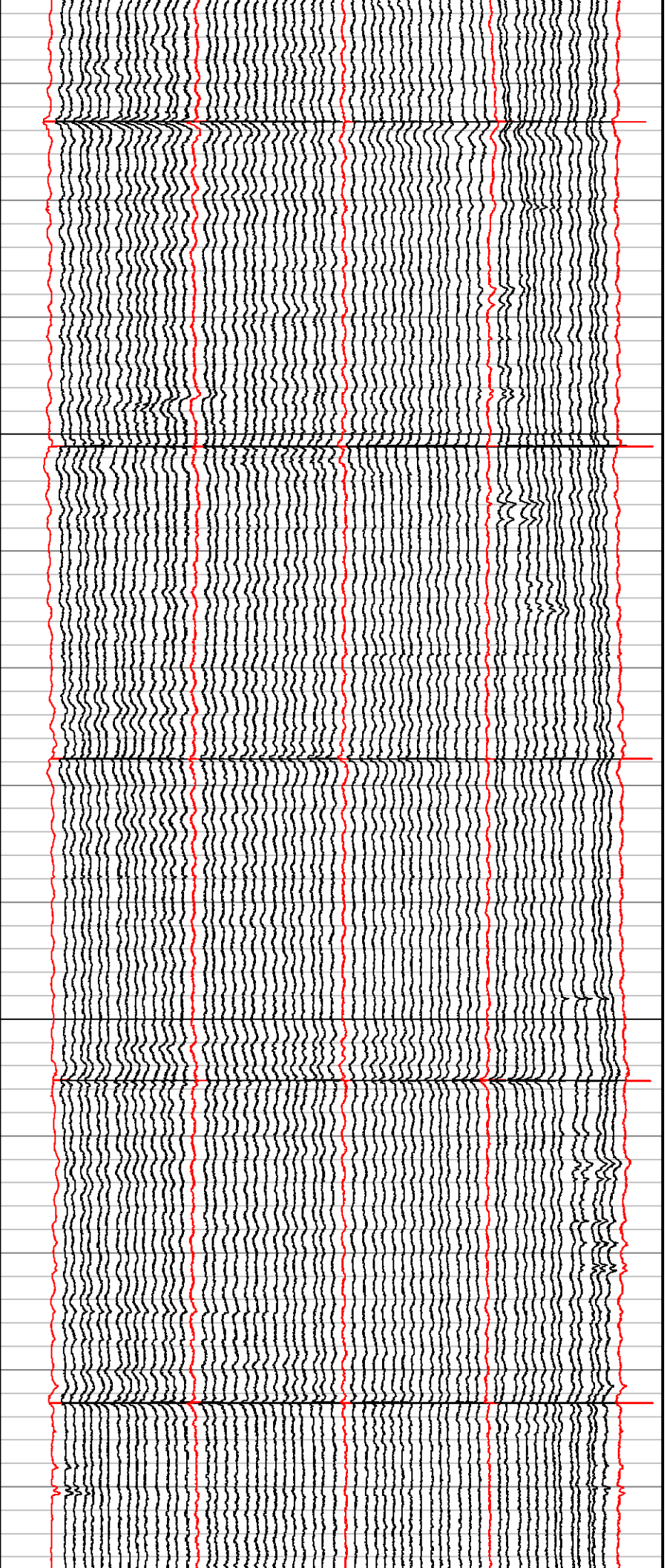


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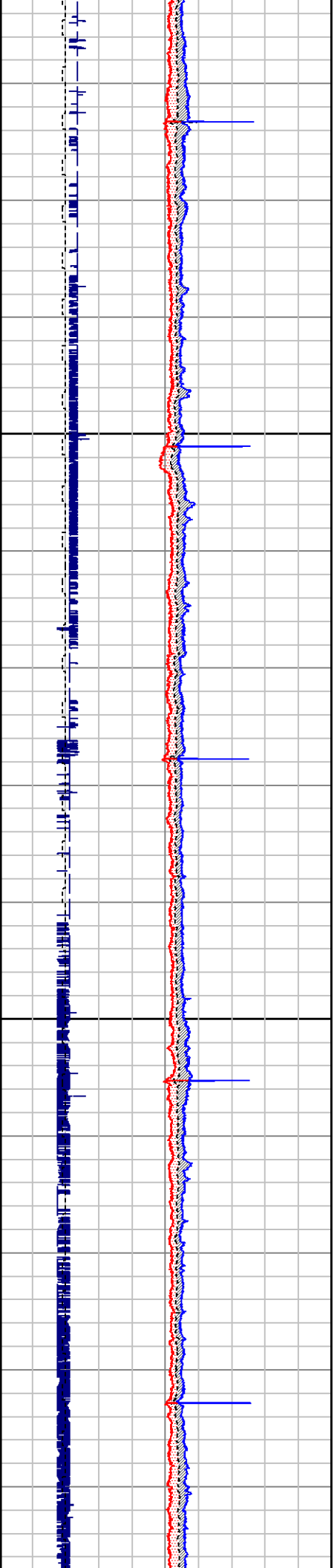
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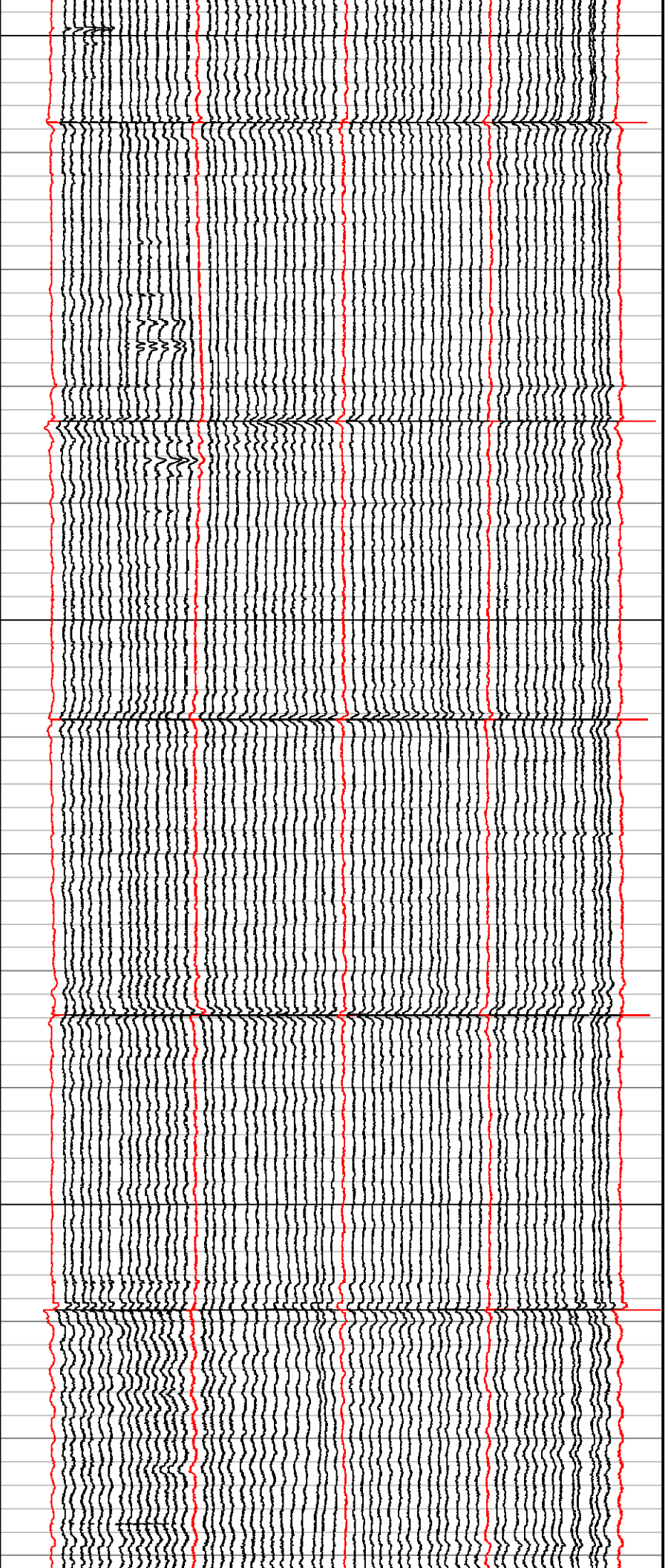




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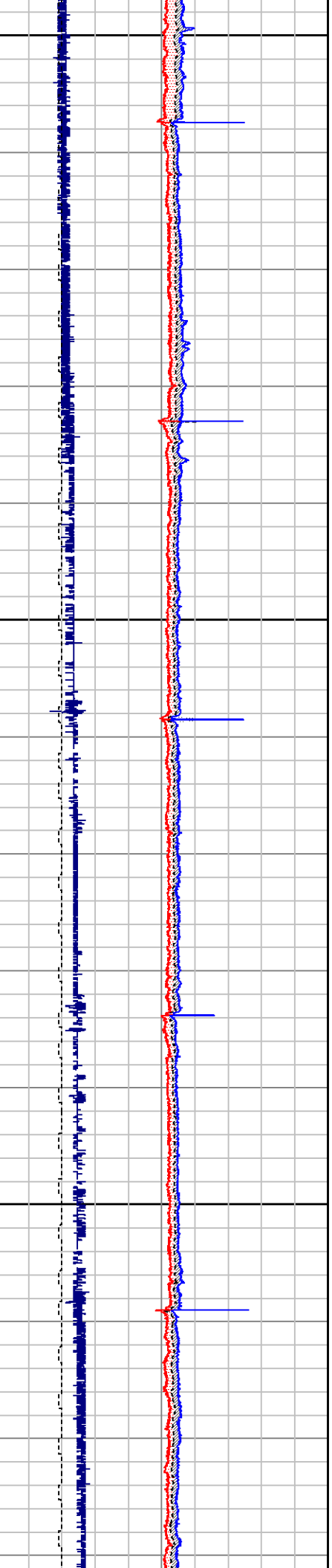




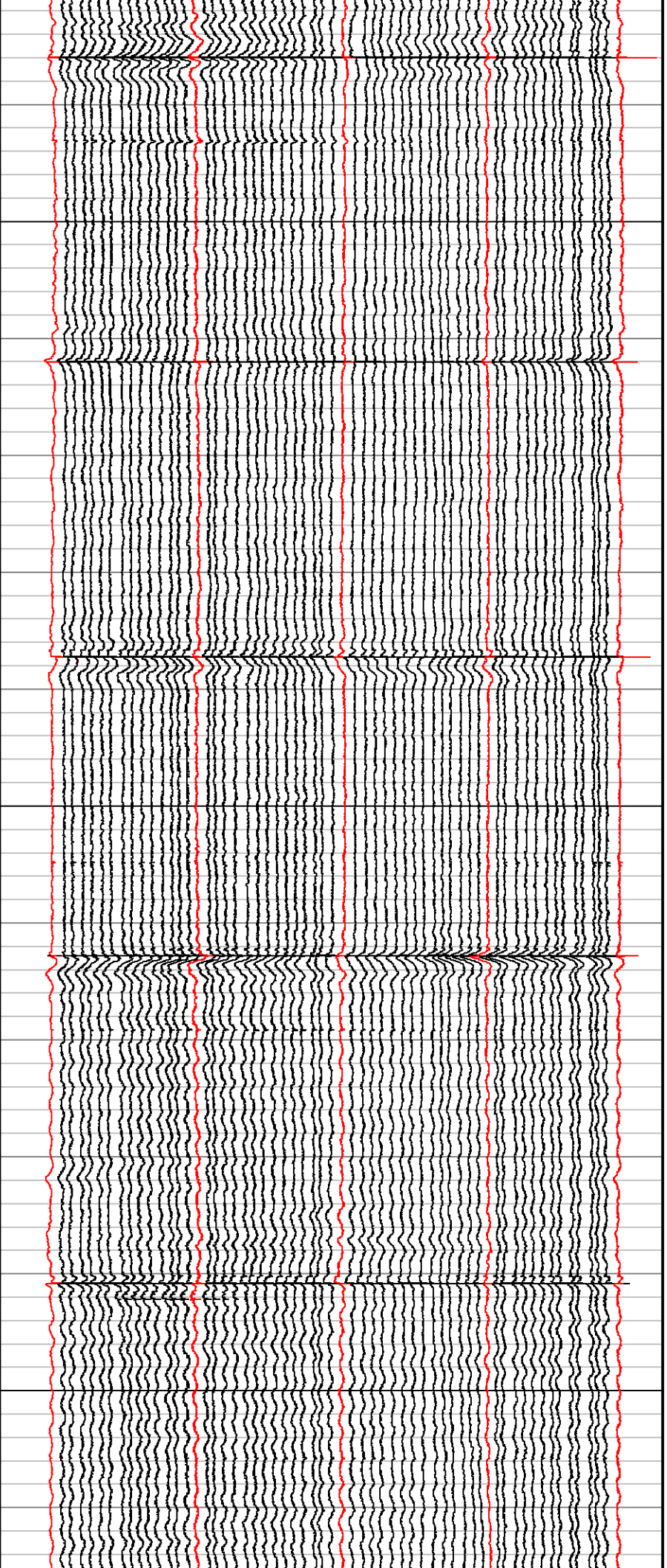
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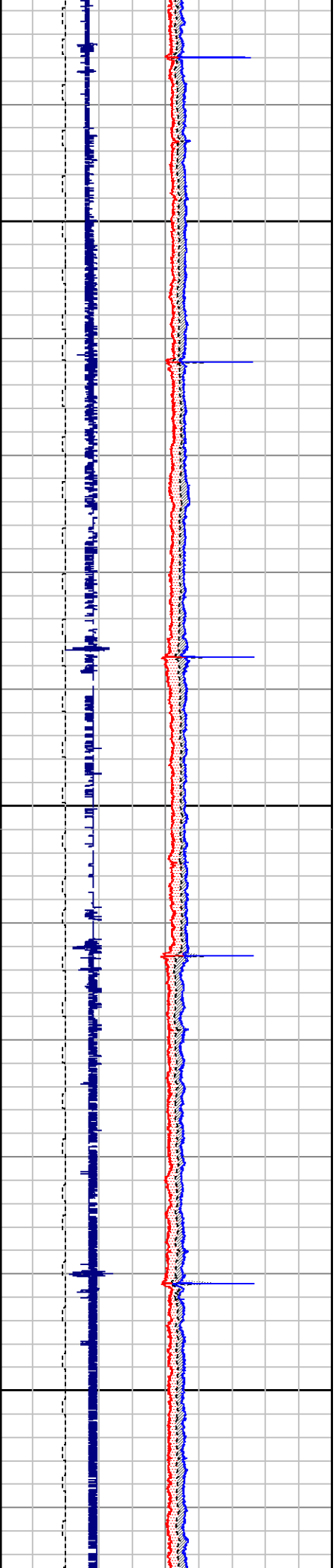


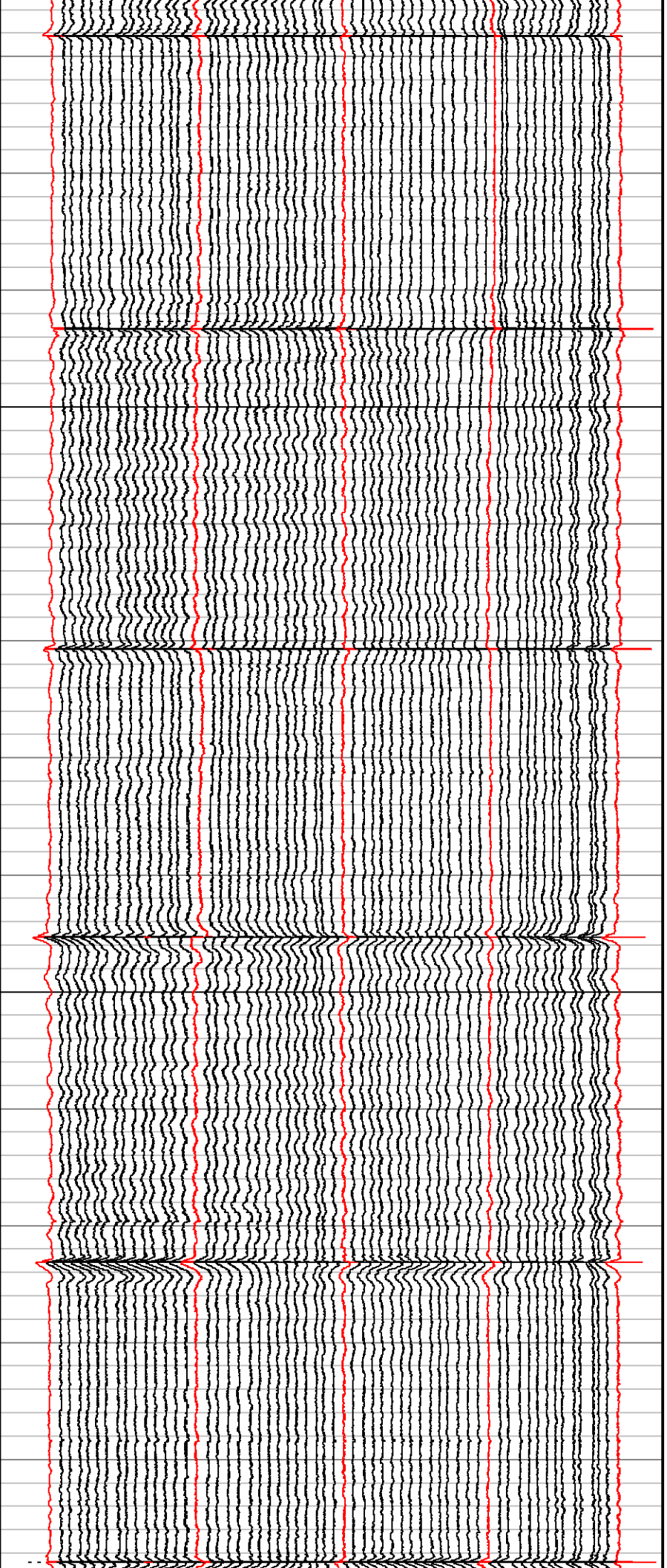


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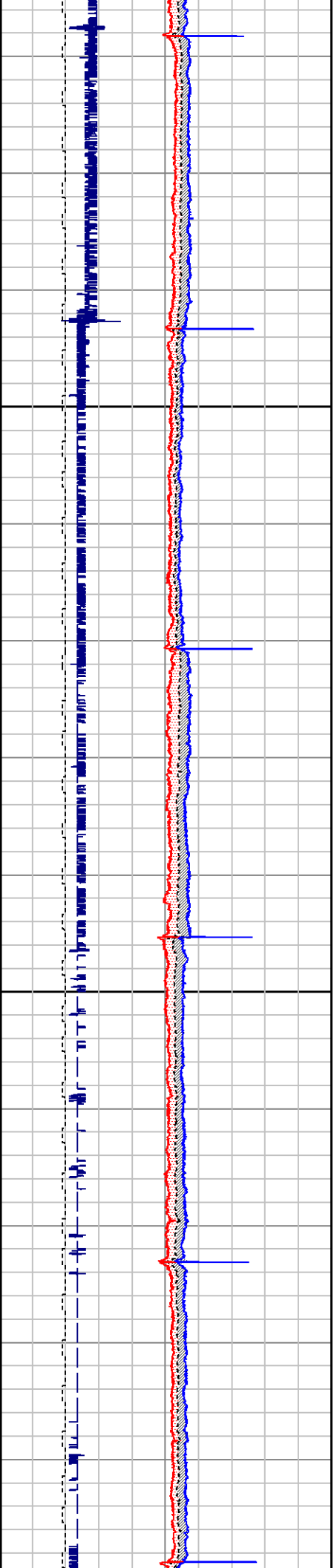


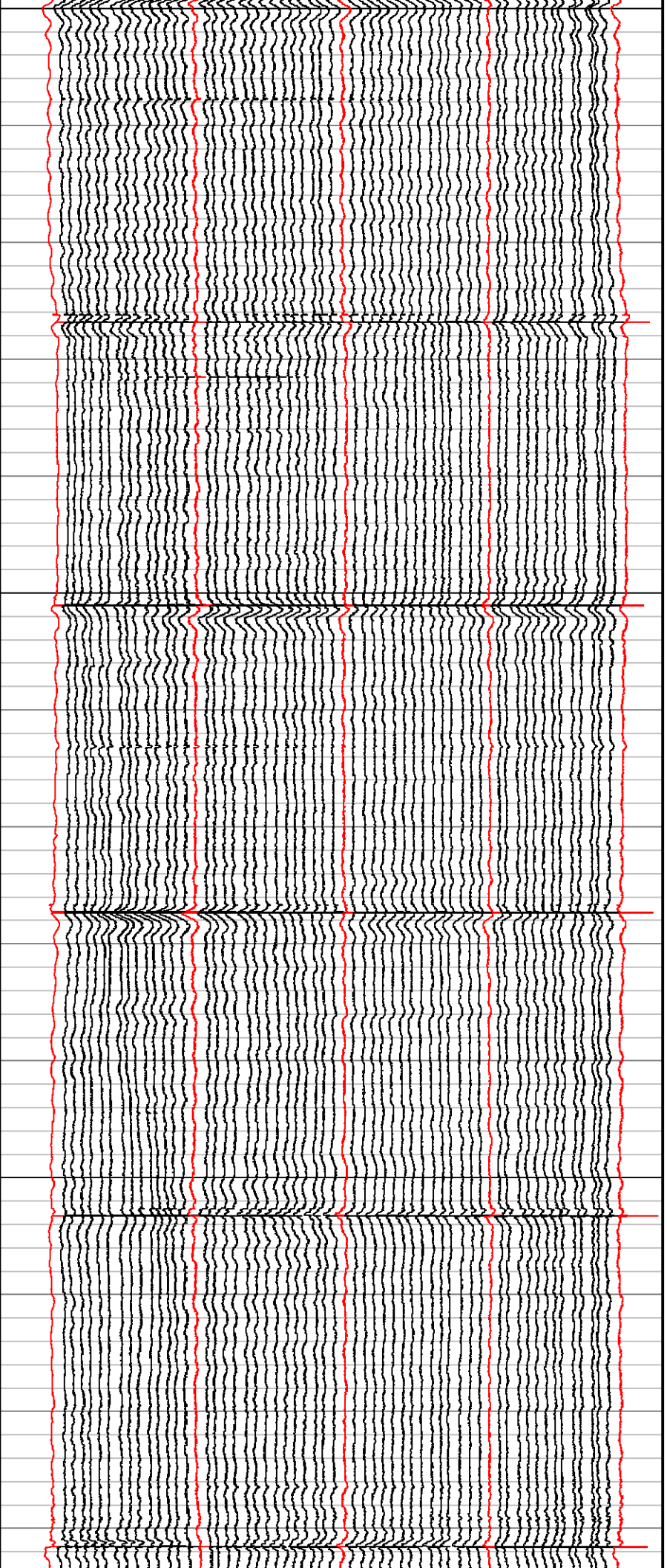


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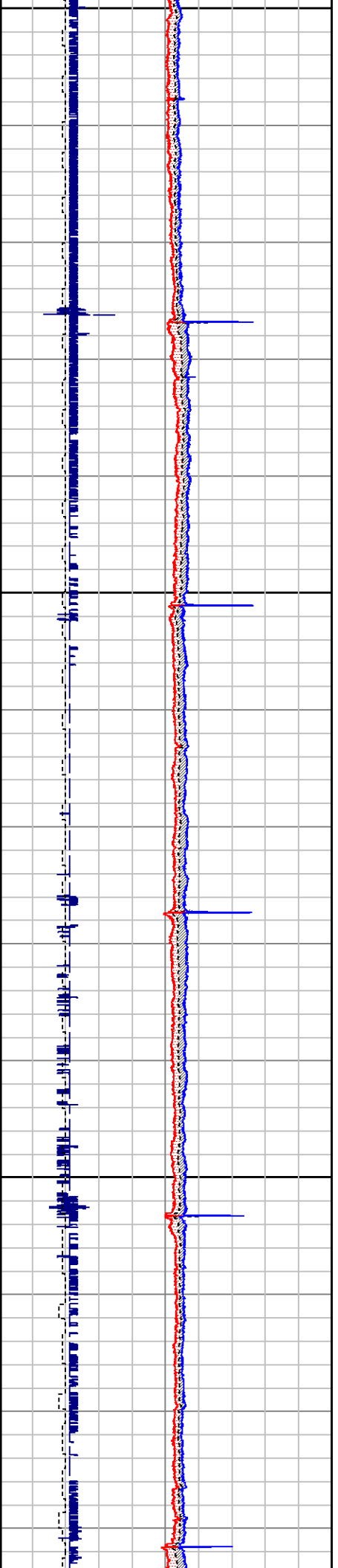




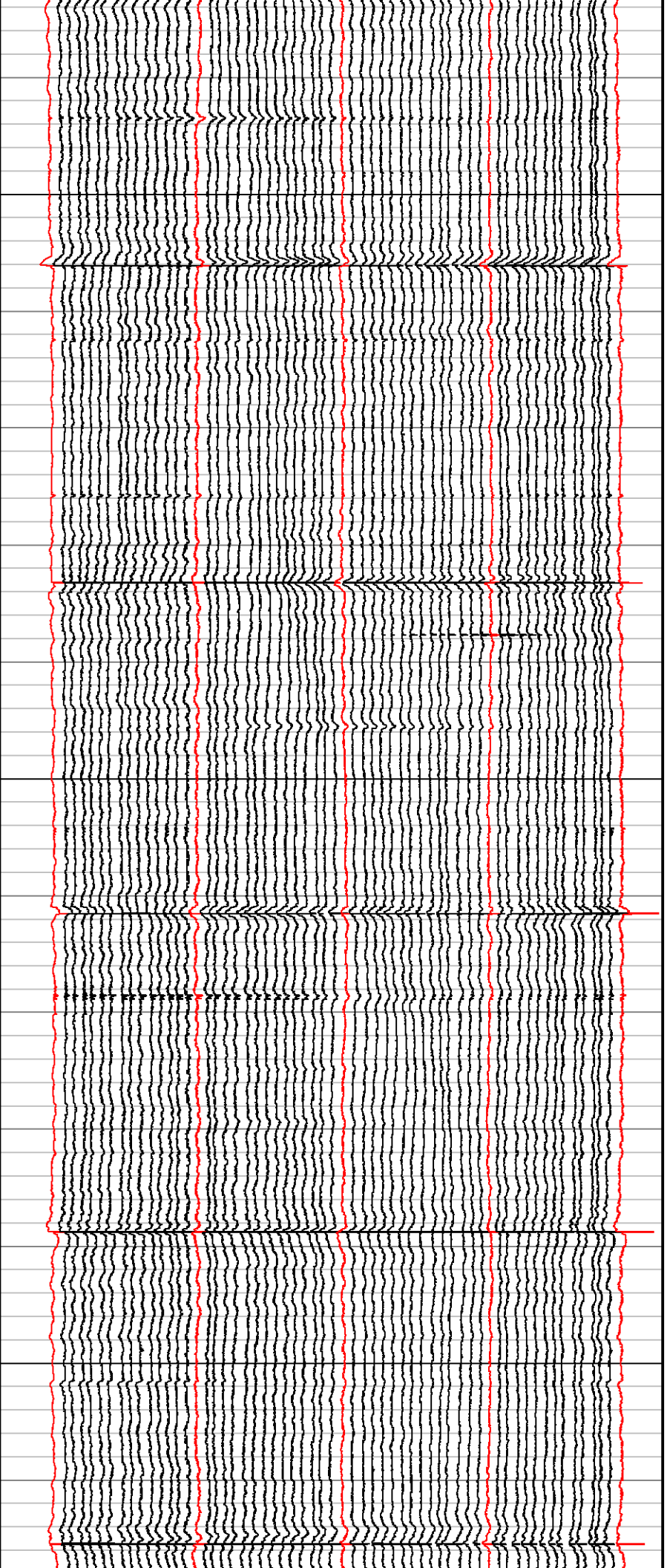
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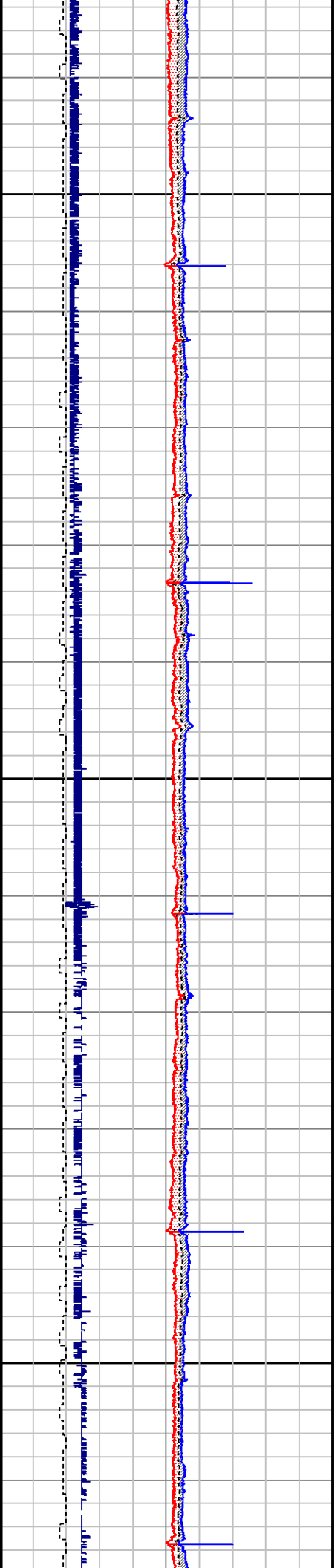


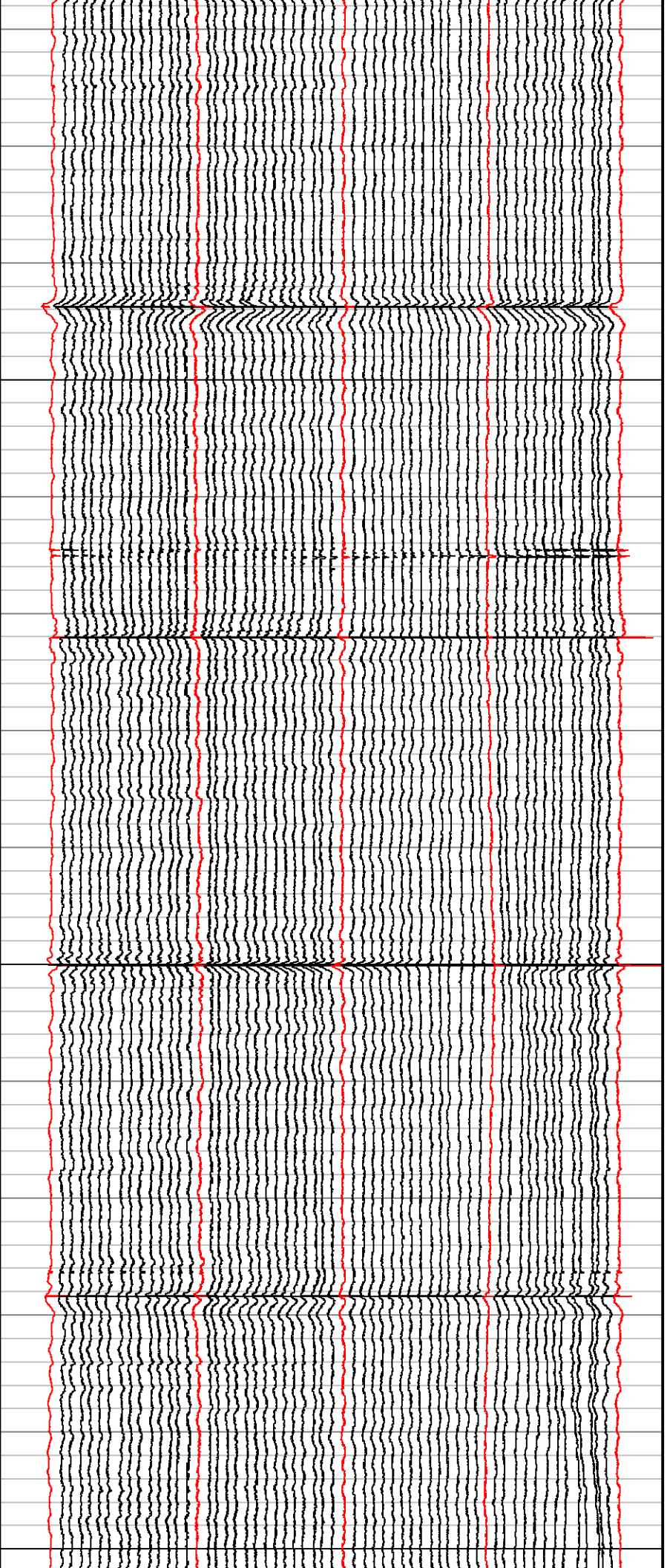


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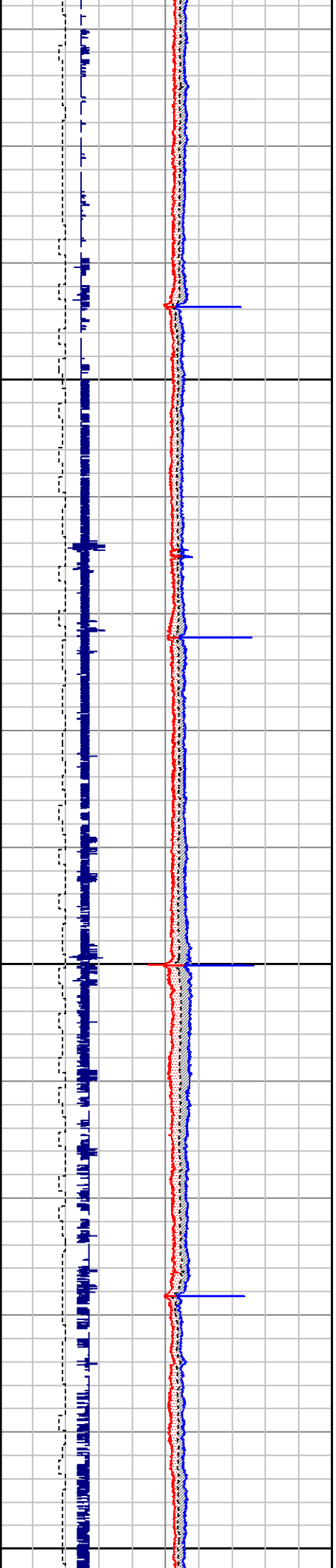


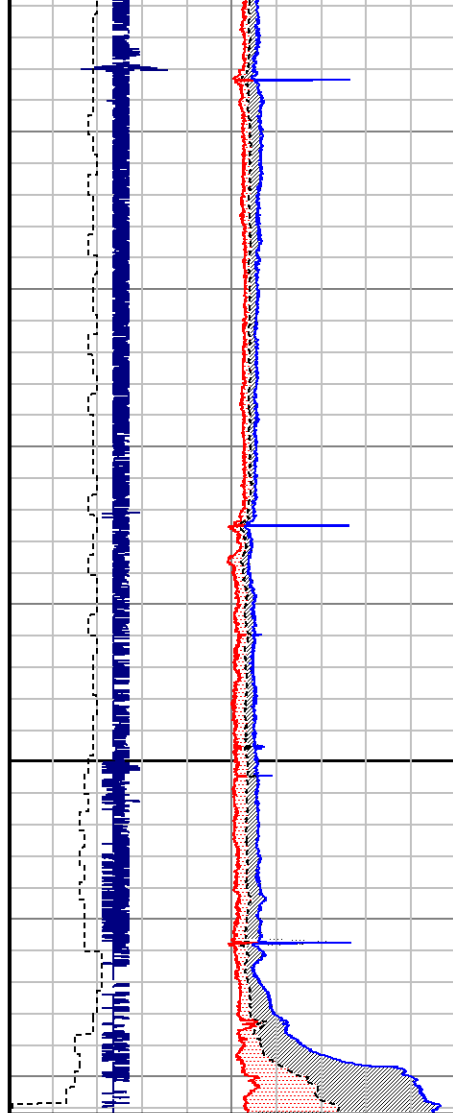


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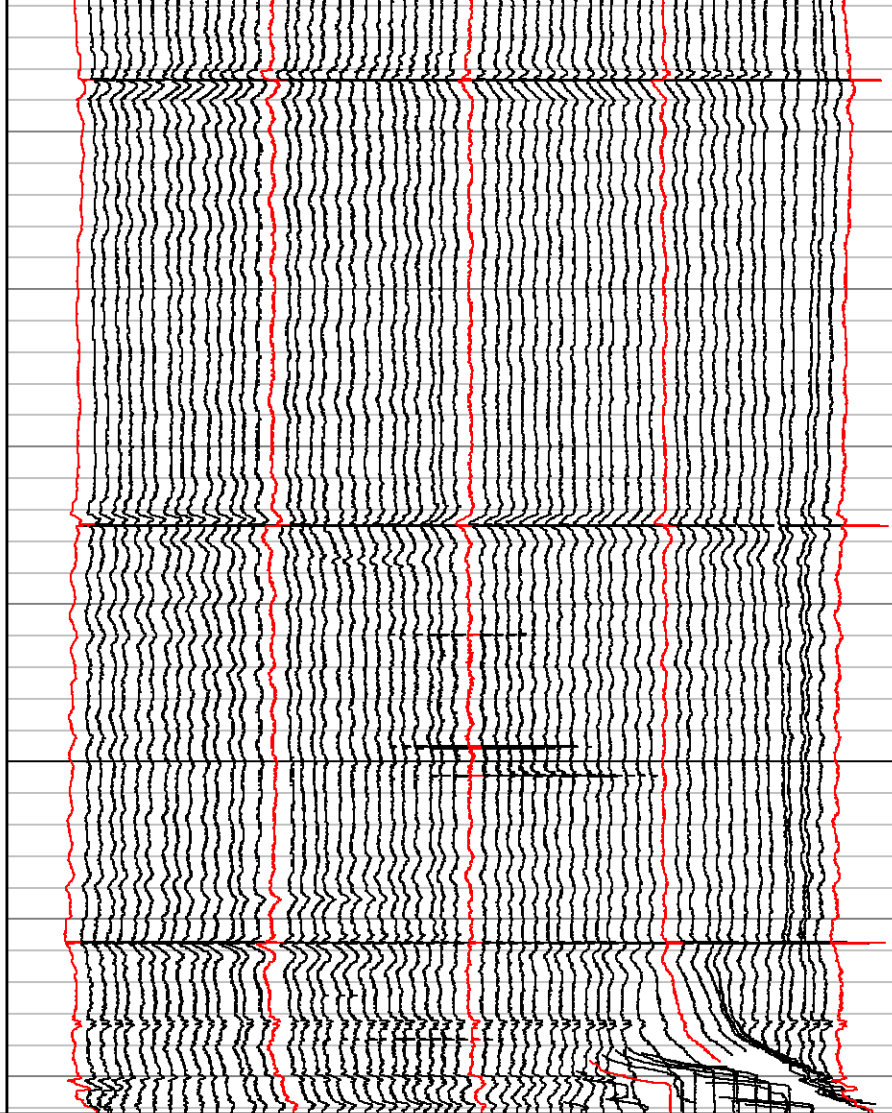
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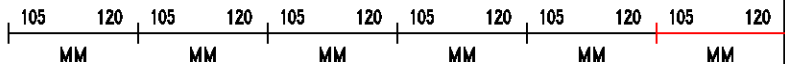




|     |         |     |
|-----|---------|-----|
| 0   | DEV     | 85  |
|     | DEG     |     |
| 200 | AVGDIAM | 250 |
|     | MM      |     |
| 200 | MINDIAM | 250 |
|     | MM      |     |
| 200 | MAXDIAM | 250 |
|     | MM      |     |
| 0   | CSPEED  | 100 |
|     | M/MN    |     |

MD meters 1:240

|         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|
| AM01    | AM11    | AM21    | AM31    | AM41    | AM51    |
| 105 120 | 105 120 | 105 120 | 105 120 | 105 120 | 105 120 |
| MM      | MM      | MM      | MM      | MM      | MM      |
| AM02    | AM12    | AM22    | AM32    | AM42    | AM52    |
| 105 120 | 105 120 | 105 120 | 105 120 | 105 120 | 105 120 |
| MM      | MM      | MM      | MM      | MM      | MM      |
| AM03    | AM13    | AM23    | AM33    | AM43    | AM53    |
| 105 120 | 105 120 | 105 120 | 105 120 | 105 120 | 105 120 |
| MM      | MM      | MM      | MM      | MM      | MM      |
| AM04    | AM14    | AM24    | AM34    | AM44    | AM54    |
| 105 120 | 105 120 | 105 120 | 105 120 | 105 120 | 105 120 |
| MM      | MM      | MM      | MM      | MM      | MM      |
| AM05    | AM15    | AM25    | AM35    | AM45    | AM55    |
| 105 120 | 105 120 | 105 120 | 105 120 | 105 120 | 105 120 |
| MM      | MM      | MM      | MM      | MM      | MM      |
| AM06    | AM16    | AM26    | AM36    | AM46    | AM56    |
| 105 120 | 105 120 | 105 120 | 105 120 | 105 120 | 105 120 |
| MM      | MM      | MM      | MM      | MM      | MM      |
| AM07    | AM17    | AM27    | AM37    | AM47    | AM57    |
| 105 120 | 105 120 | 105 120 | 105 120 | 105 120 | 105 120 |
| MM      | MM      | MM      | MM      | MM      | MM      |
| AM08    | AM18    | AM28    | AM38    | AM48    | AM58    |
| 105 120 | 105 120 | 105 120 | 105 120 | 105 120 | 105 120 |
| MM      | MM      | MM      | MM      | MM      | MM      |
| AM09    | AM19    | AM29    | AM39    | AM49    | AM59    |
| 105 120 | 105 120 | 105 120 | 105 120 | 105 120 | 105 120 |
| MM      | MM      | MM      | MM      | MM      | MM      |
| AM10    | AM20    | AM30    | AM40    | AM50    | AM60    |
|         |         |         |         |         |         |





|   |                 |                      |                |                 |
|---|-----------------|----------------------|----------------|-----------------|
| <br><b>Baker Atlas</b><br><br> | <b>Company</b>  | PDI PRODUCTION INC.  |                | <b>File No:</b> |
|   | <b>Well</b>     | G.H.S PAP #1 ST #2   |                |                 |
|   | <b>Field</b>    | GAURDIAN HILLS SOUTH |                | <b>API No:</b>  |
|   | <b>Province</b> | NEWFOUNDLAND         | <b>Country</b> | CANADA          |
| <b>Location</b>   |                 | <b>Elevations</b>    |                | FIELD PRINT     |
| LAT: 59-13-35.319 W   |                 | KB 219.5 m           |                |                 |
| LONG: 48-29-21.326  |                 | DF                   |                |                 |
| SEC TWP RGE   |                 | GL 212.2 m           |                |                 |