



**Well Services**  
E - LINE

**RADIAL CEMENT BOND  
GAMMA RAY  
CCL LOG**

Company SRC ENERGY SERVICES  
Well BENSLER J29-27D  
Field WATTENBERG  
County WELD  
State CO

Company SRC ENERGY SERVICES  
Well BENSLER J29-27D  
Field WATTENBERG  
County WELD State CO

Location: API # : 05-123-29138  
NWNNE  
40.375473/-104.800473  
SEC 29 TWP 5N RGE 66W  
Permanent Datum GL Elevation 4,884'  
Log Measured From KB 13' Elevation 4,897'  
Drilling Measured From KB Elevation 4,884'

Date 10-2-2019  
Run Number ONE  
Depth Driller 7,588'  
Depth Logger 7,037'  
Bottom Logged Interval 7,033'  
Top Log Interval SURFACE  
Open Hole Size 7 7/8"  
Type Fluid WATER  
Density / Viscosity 1.0  
Max. Recorded Temp. 205 DEGF  
Estimated Cement Top 863'  
Time Well Ready ON ARRIVAL  
Time Logger on Bottom N/A  
Equipment Number 3815  
Location GREELEY  
Recorded By A.KLARICH  
Witnessed By D.OLMEDA

| Borehole Record |     |      |    | Tubing Record |        |      |    |
|-----------------|-----|------|----|---------------|--------|------|----|
| Run Number      | Bit | From | To | Size          | Weight | From | To |
|                 |     |      |    |               |        |      |    |
|                 |     |      |    |               |        |      |    |
|                 |     |      |    |               |        |      |    |

| Casing Record     | Size   | Wgt/Ft | Top     | Bottom |
|-------------------|--------|--------|---------|--------|
| Surface String    | 8 5/8" | 24#    | SURFACE | 483'   |
| Prot. String      |        |        |         |        |
| Production String | 4.5"   | 11.6#  | SURFACE | 7,581' |
| Liner             |        |        |         |        |

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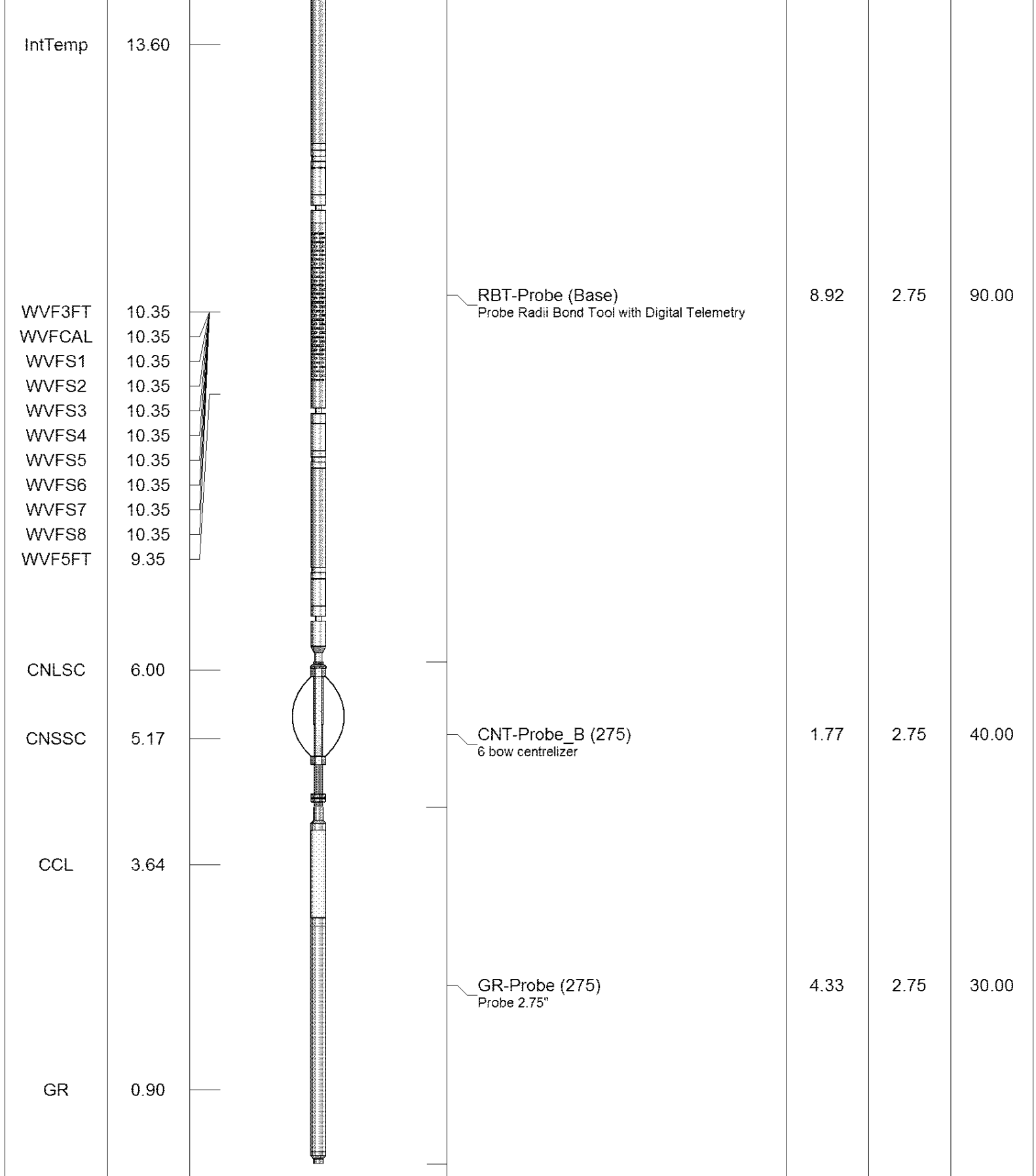
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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**

RAN RCBL TO VERIFY CEMENT COVERAGE  
KB OF 13'  
CORRELATED TO CIBP SET ON 10-1-2019

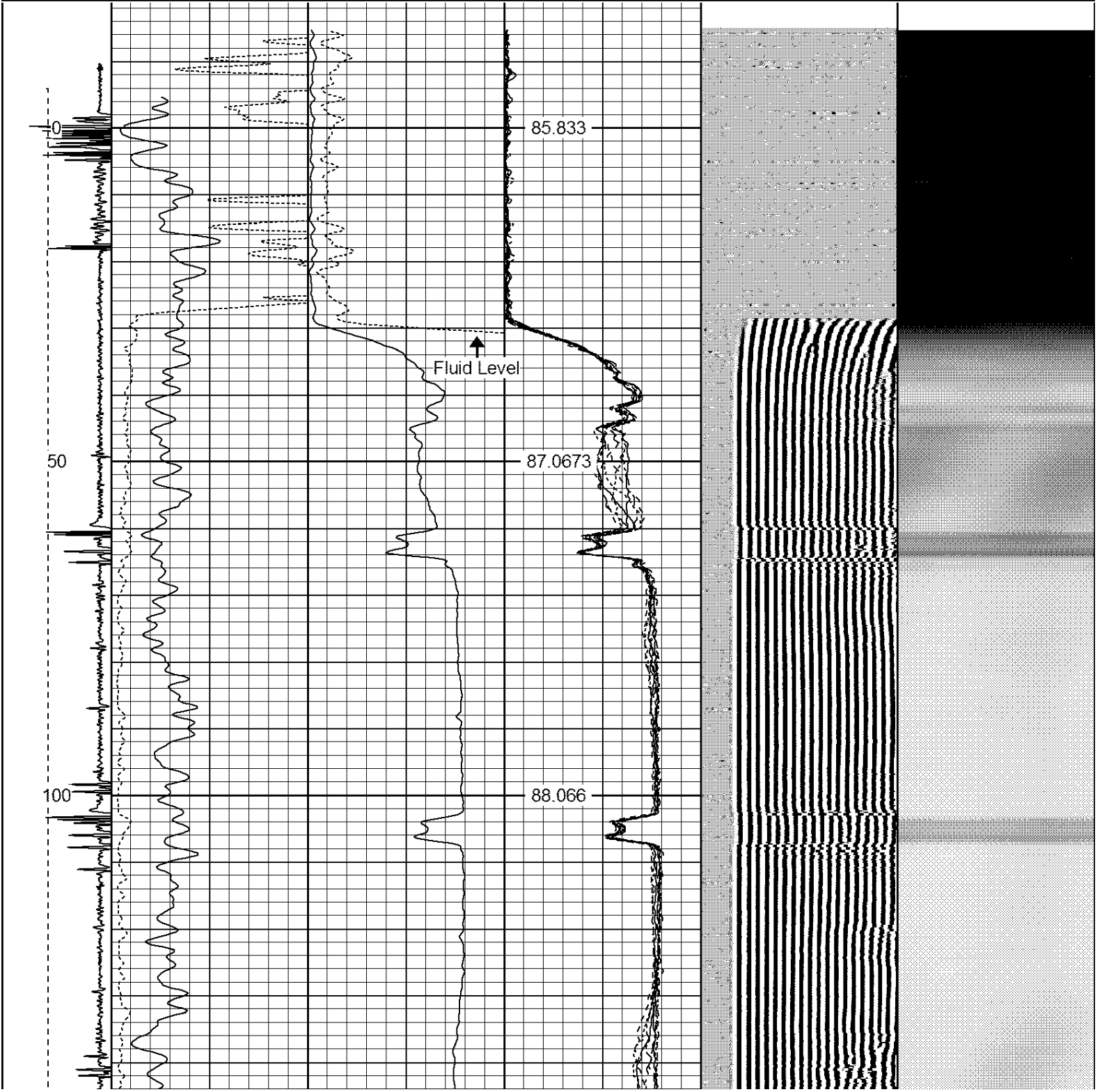
THANK YOU FOR USING SPN WELL SERVICES!

| Sensor   | Offset (ft) | Schematic | Description | Len (ft) | OD (in) | Wt (lb) |
|----------|-------------|-----------|-------------|----------|---------|---------|
| HEADVOLT | 15.02       |           |             |          |         |         |



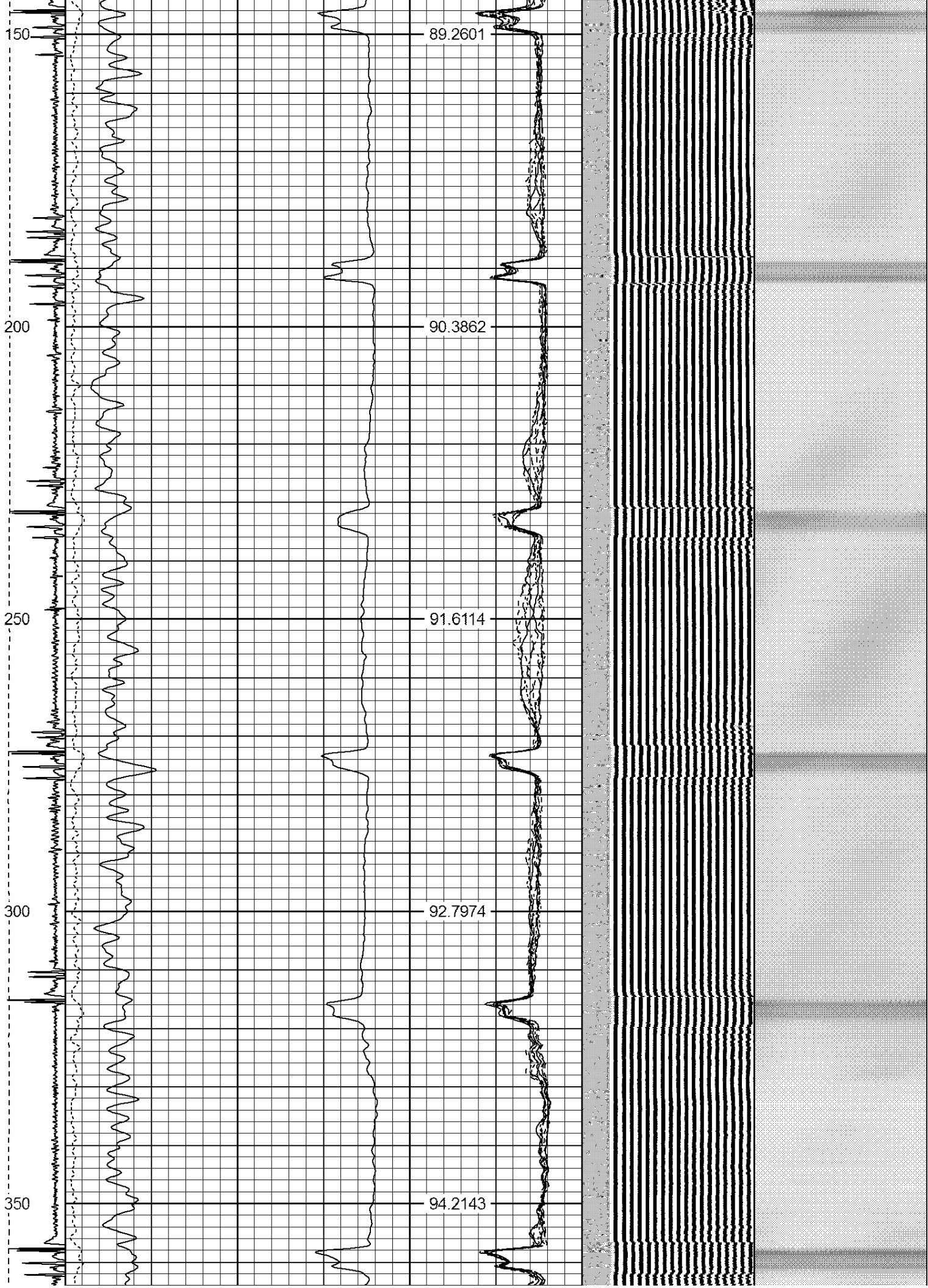
Dataset: bensler j29-27d.db: field/well/run1/pass2  
 Total Length: 15.02 ft  
 Total Weight: 160.00 lb  
 O.D. 2.75 in

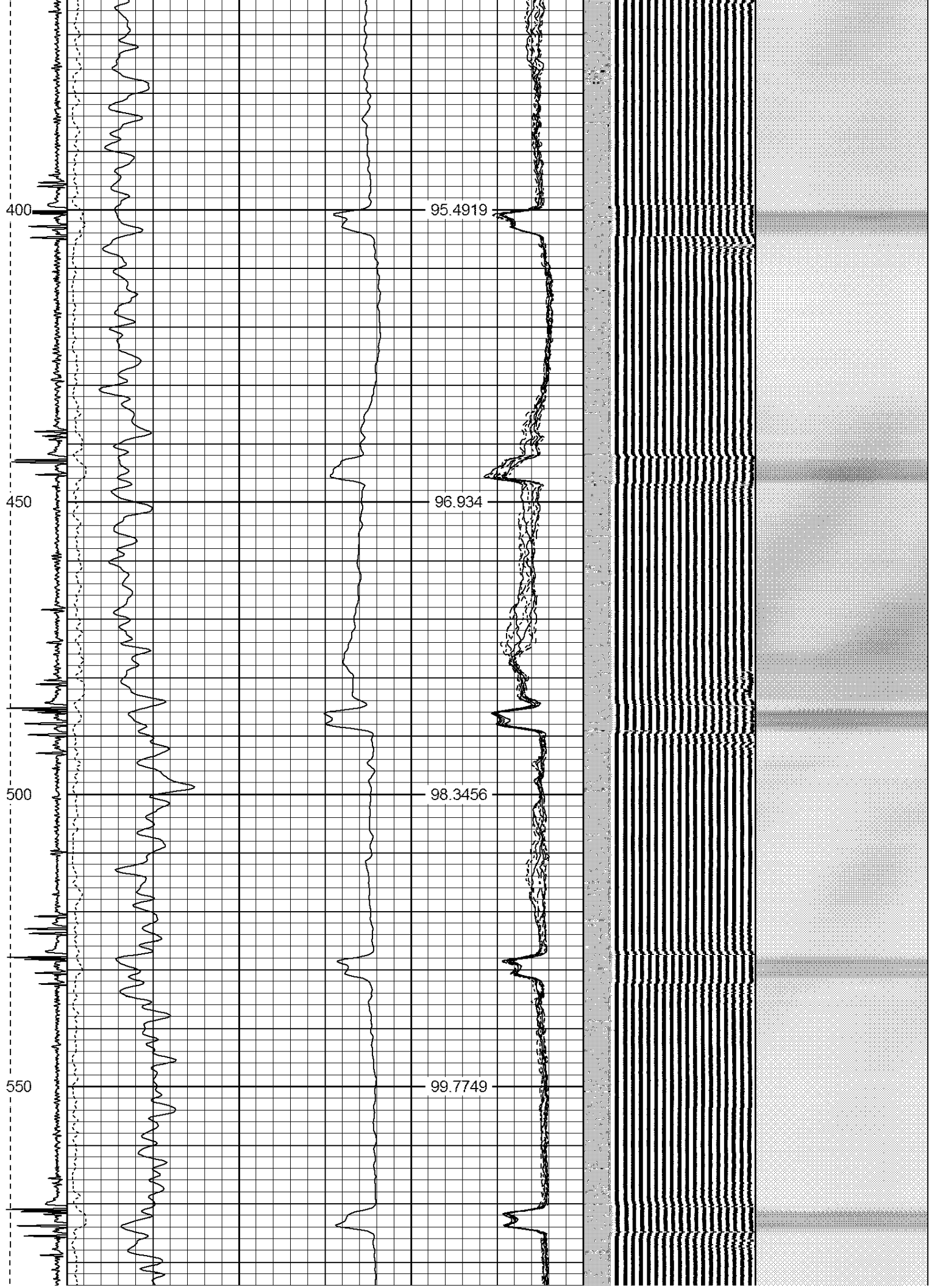
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|----|----------|-----|-----|-----------|-----|---|------------|-----|---|---------|-----|-----|-----|------|-----|------------|---|
| -9 | CCL      | 1   | 200 | TT (usec) | 800 | 0 | AMP (mV)   | 100 | 0 | AMPS1   | 100 | 200 | VDL | 1200 | 1   | Cement Map | 8 |
|    | LSPD     |     | 0   | GR (GAPI) | 200 | 0 | AMPx5 (mV) | 20  | 0 | AMPS2   | 100 |     |     |      | 100 |            | 1 |
|    | (ft/min) |     | 200 | GR (GAPI) | 400 |   |            |     |   | AMPS3   | 100 |     |     |      |     |            |   |
| 0  |          | 250 |     |           |     |   |            |     |   | AMPS4   | 100 |     |     |      |     |            |   |
|    |          |     |     |           |     |   |            |     |   | AMPS5   | 100 |     |     |      |     |            |   |
|    |          |     |     |           |     |   |            |     |   | AMPS6   | 100 |     |     |      |     |            |   |
|    |          |     |     |           |     |   |            |     |   | AMPS7   | 100 |     |     |      |     |            |   |
|    |          |     |     |           |     |   |            |     |   | AMPS8   | 100 |     |     |      |     |            |   |
|    |          |     |     |           |     |   |            |     |   | IntTemp |     |     |     |      |     |            |   |
|    |          |     |     |           |     |   |            |     |   | (degF)  |     |     |     |      |     |            |   |



150  
200  
250  
300  
350

89.2601  
90.3862  
91.6114  
92.7974  
94.2143





600

101.215

650

102.424

700

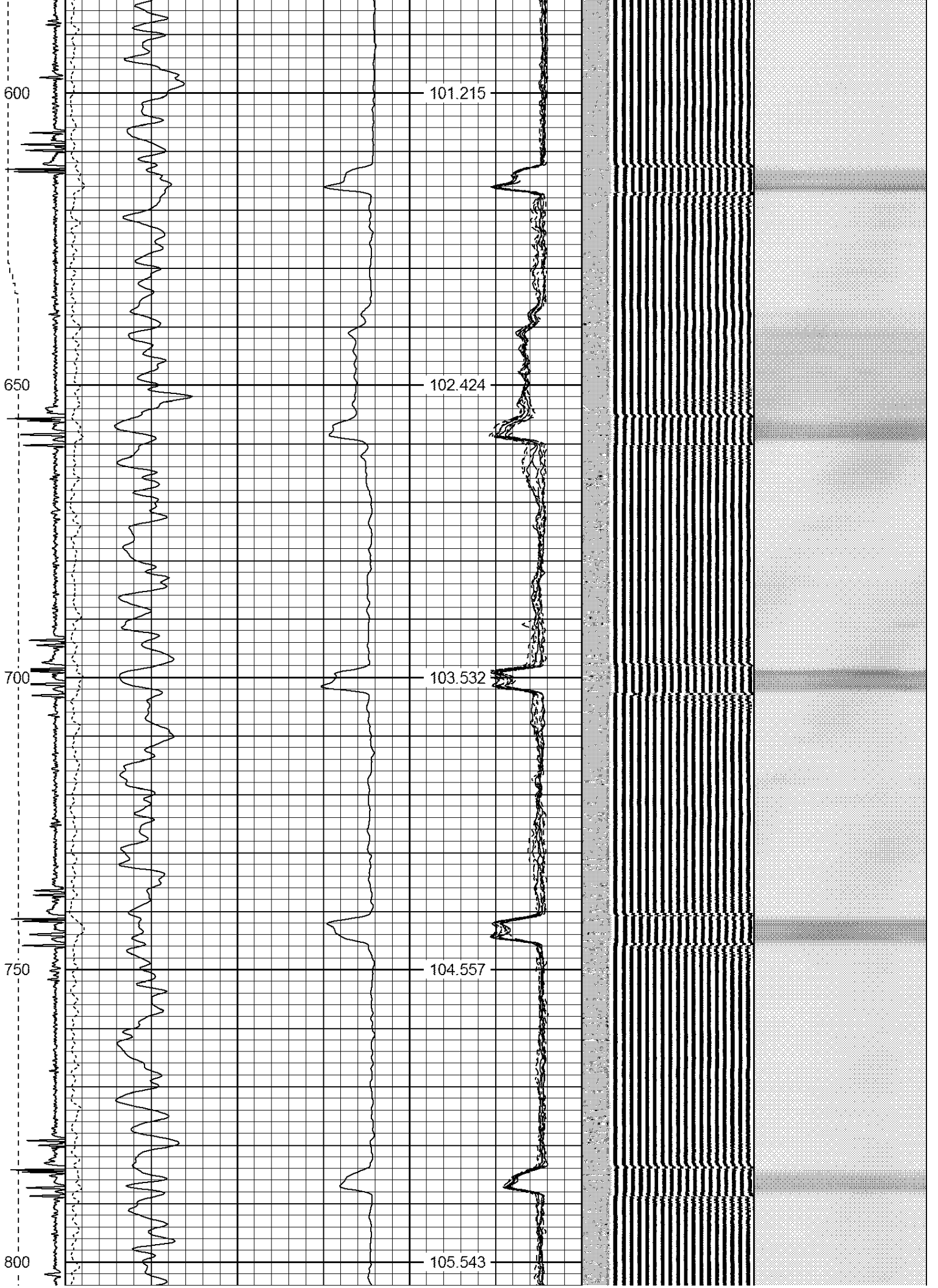
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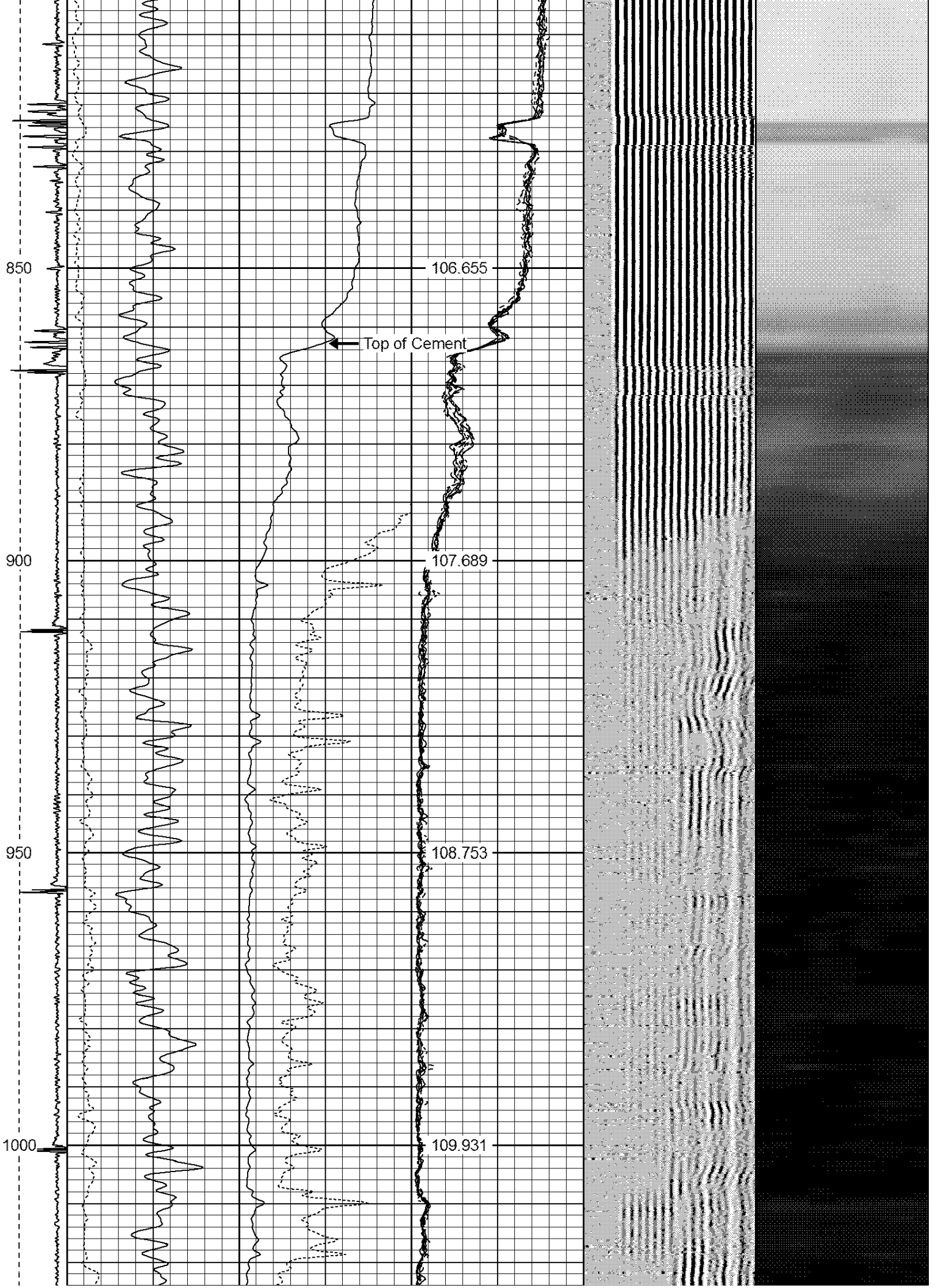
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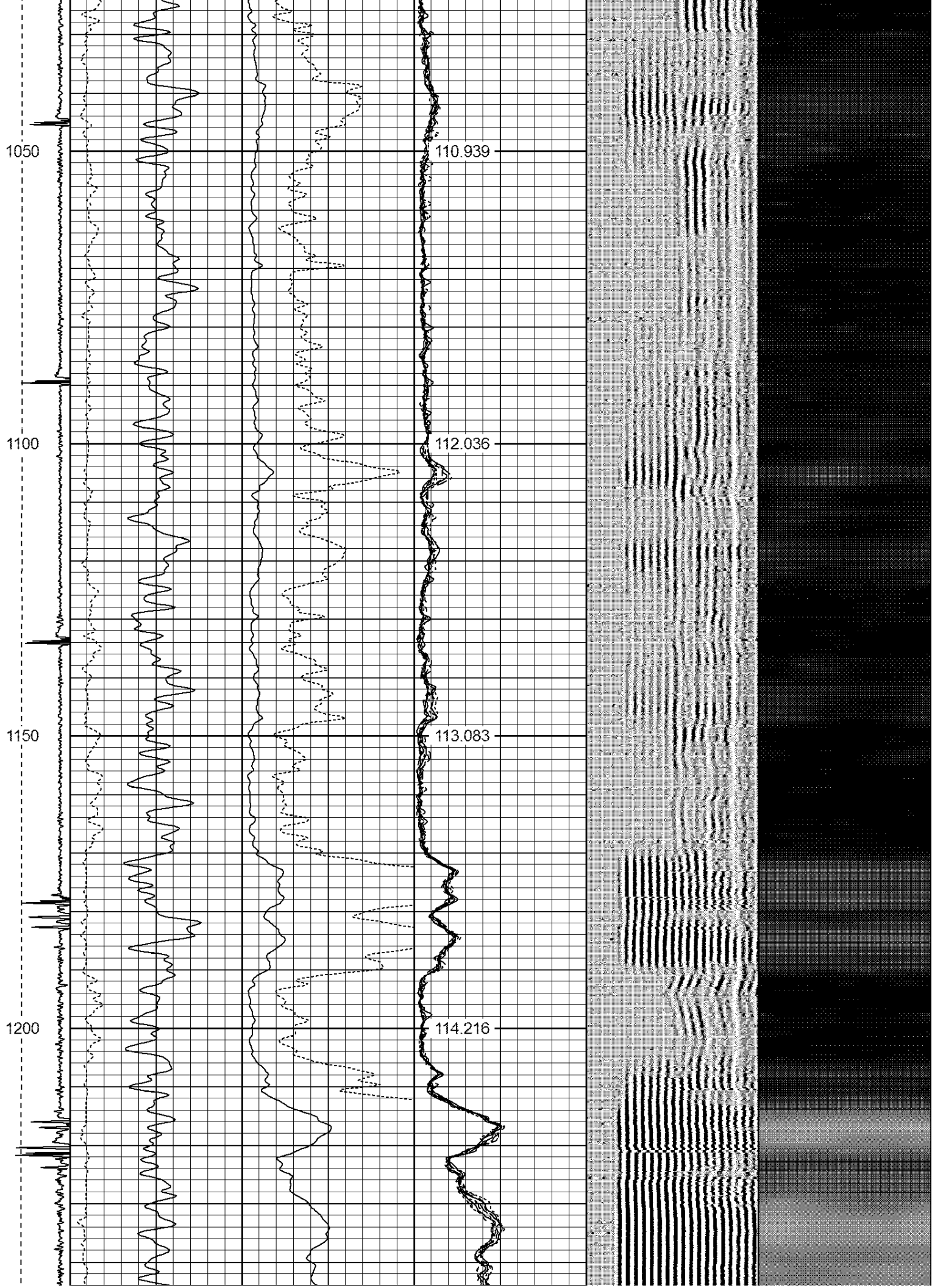
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800

105.543

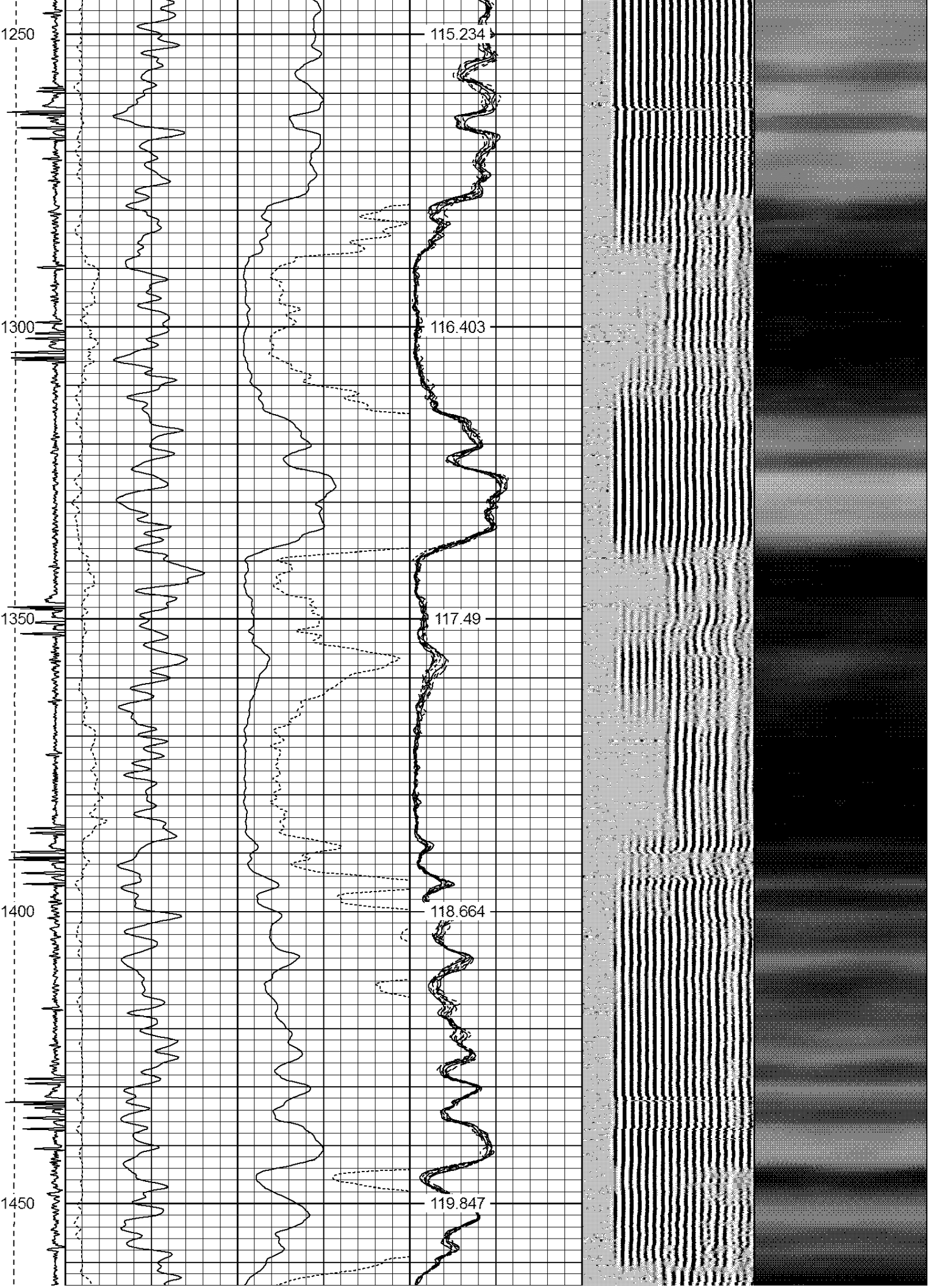


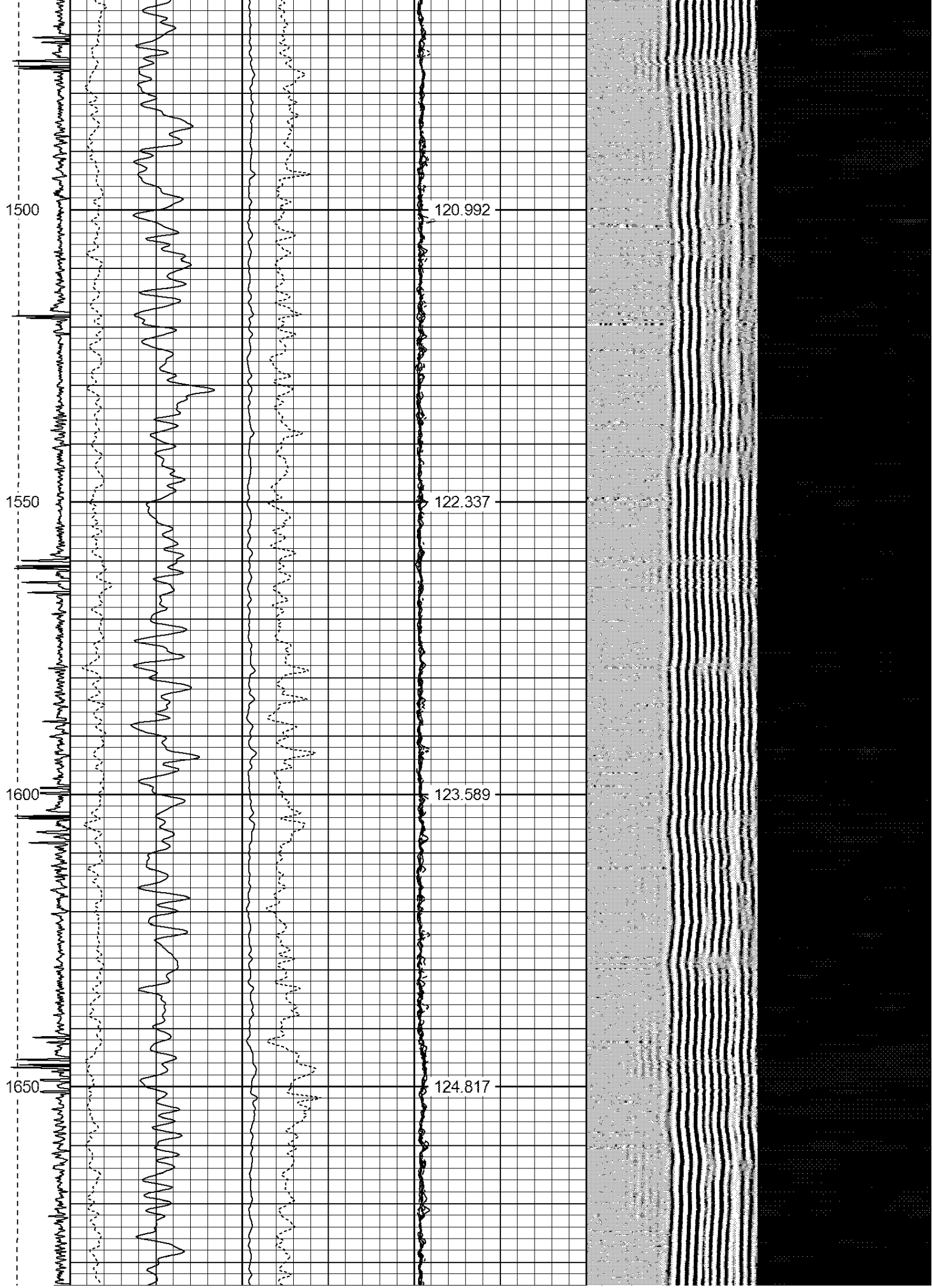


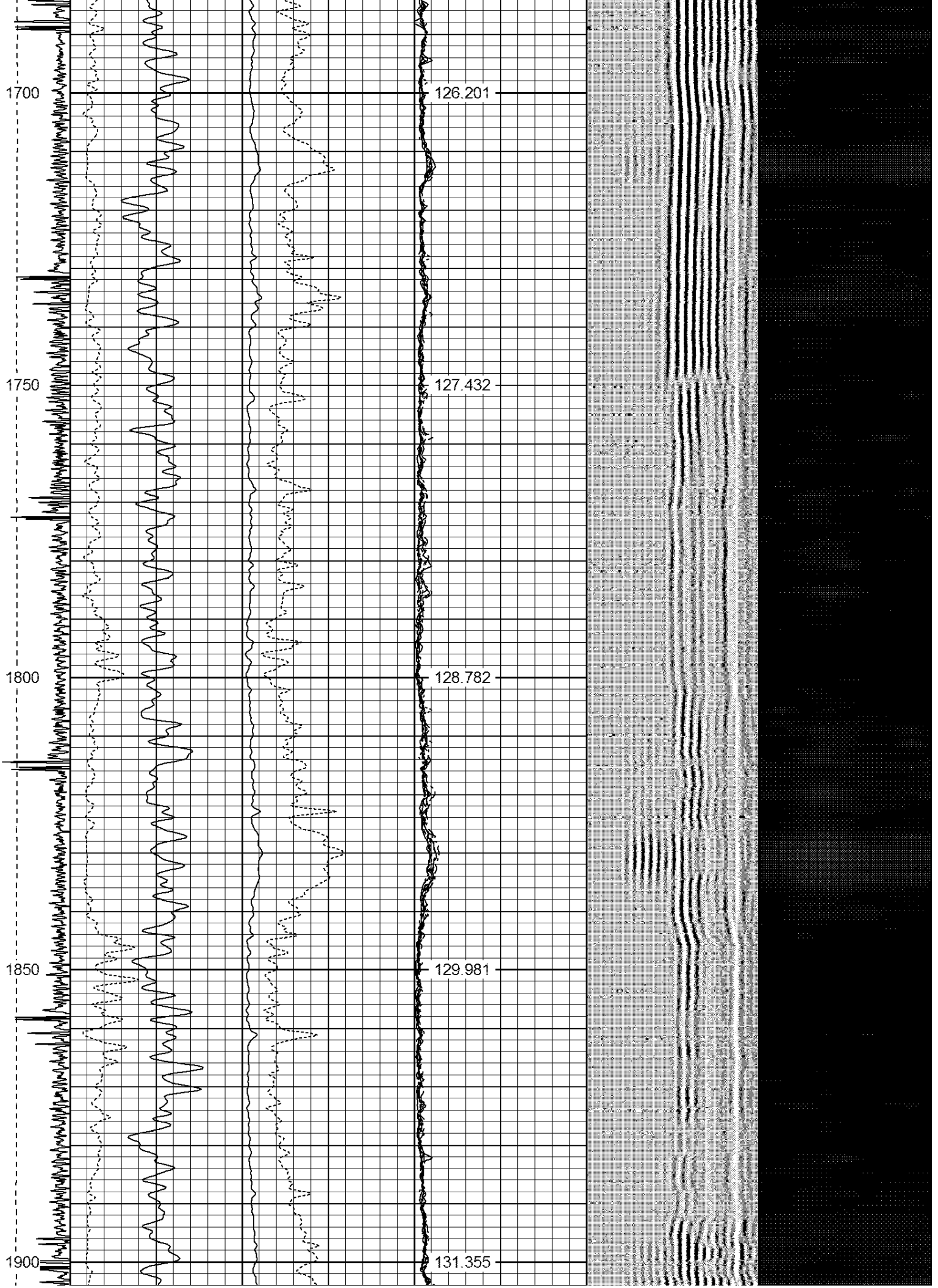


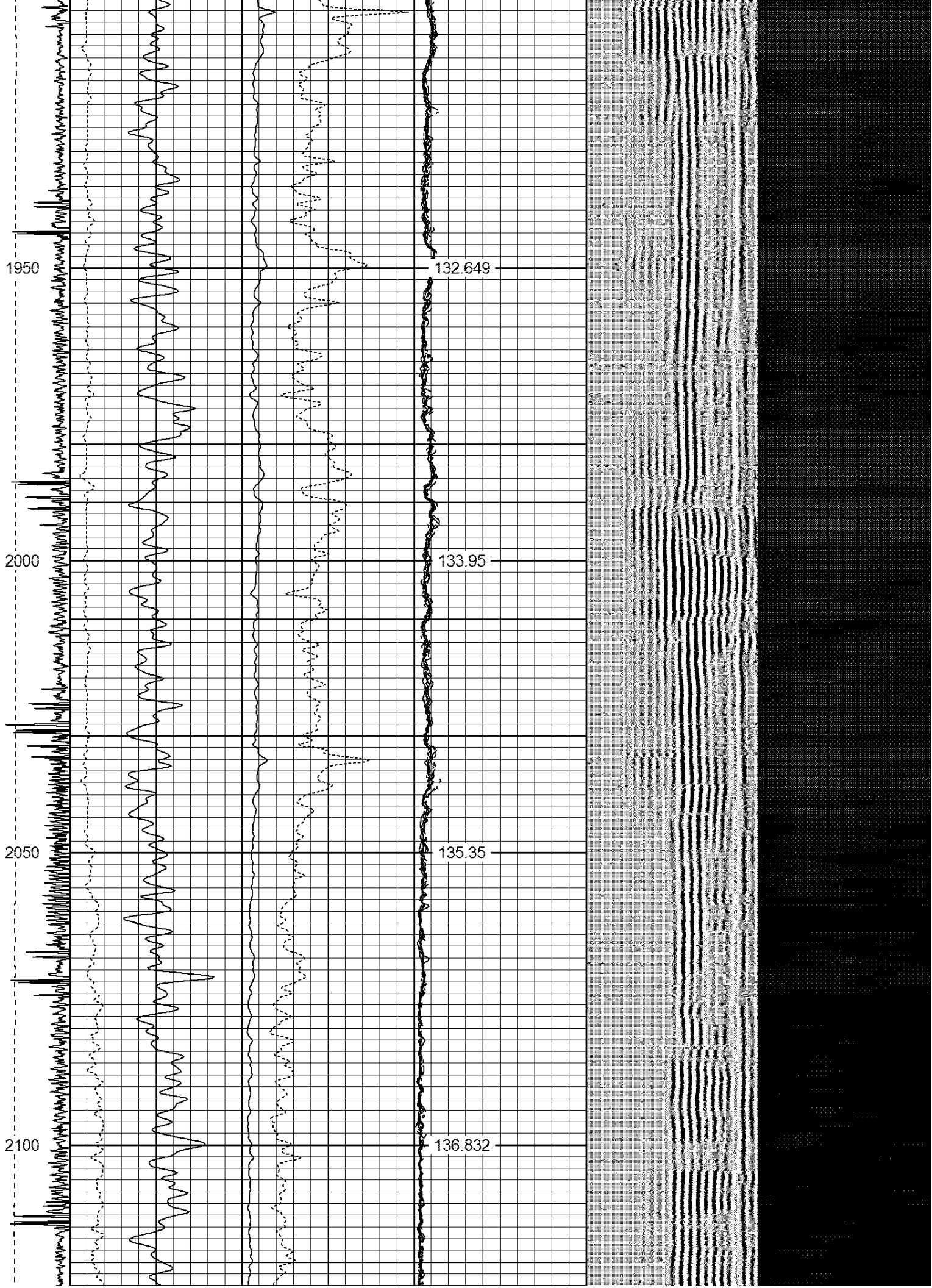
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1300  
1350  
1400  
1450

115.234  
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117.49  
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119.847









2150

138.318

2200

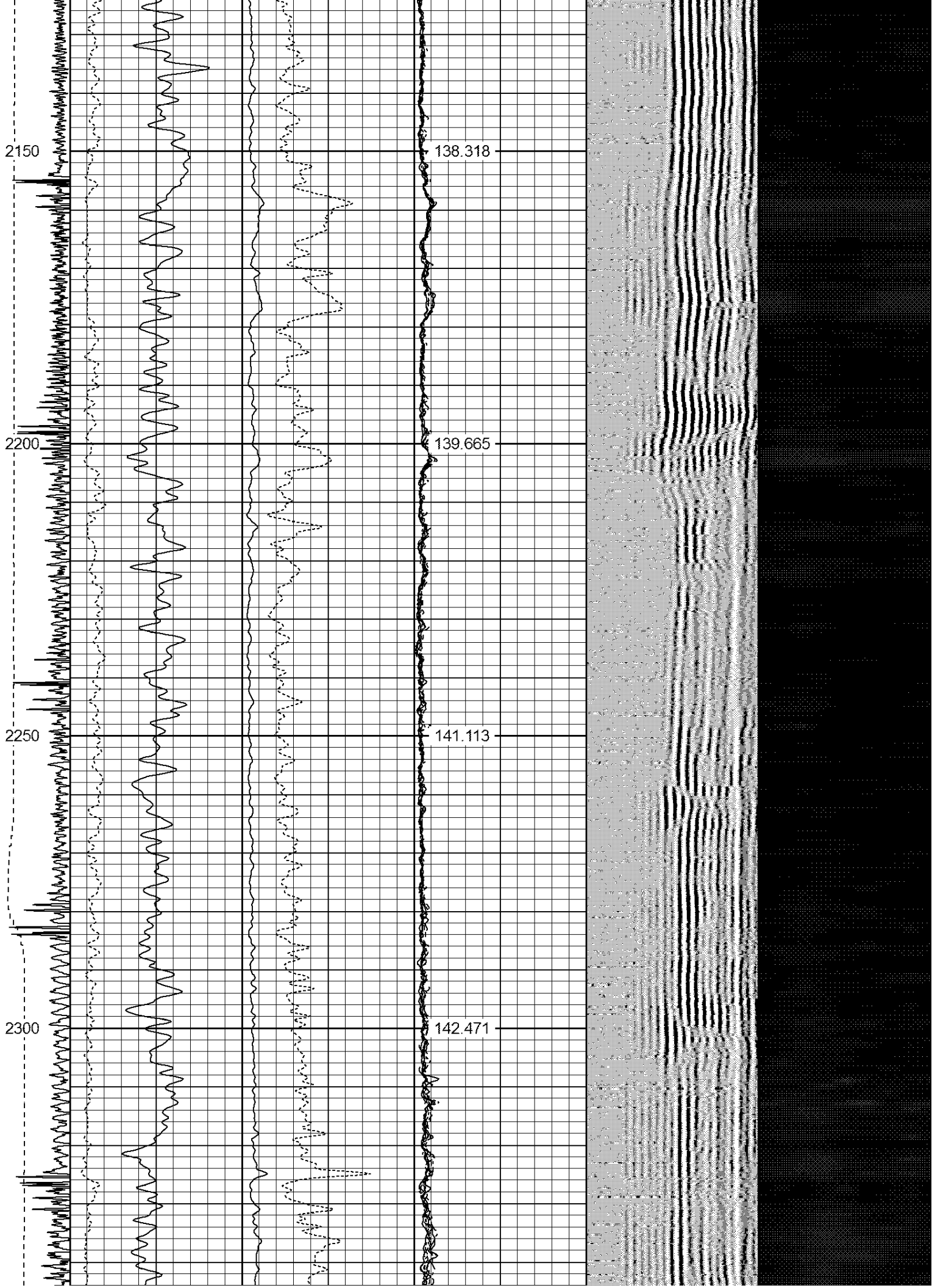
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2250

141.113

2300

142.471



2350

143.682

2400

144.917

2450

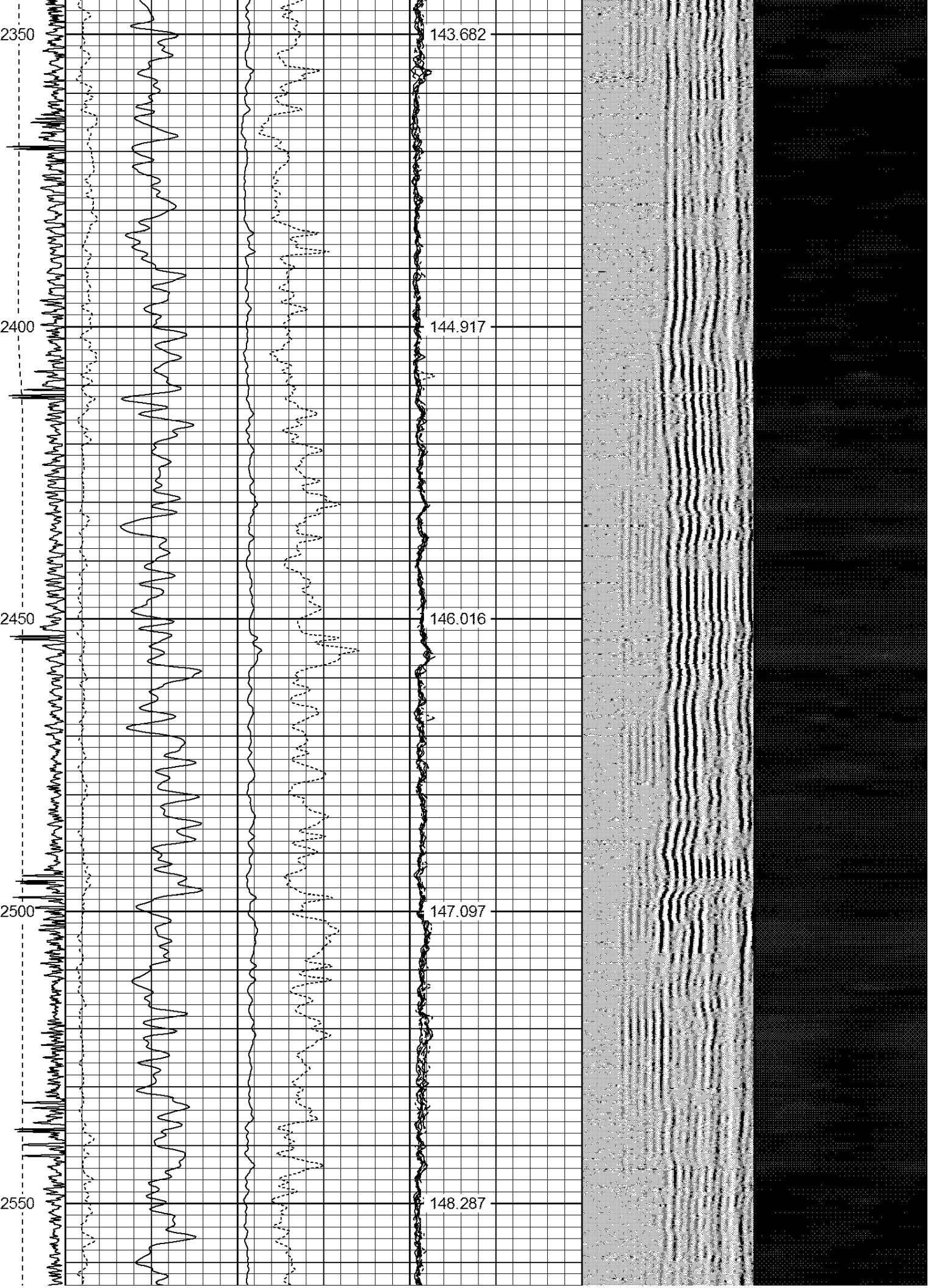
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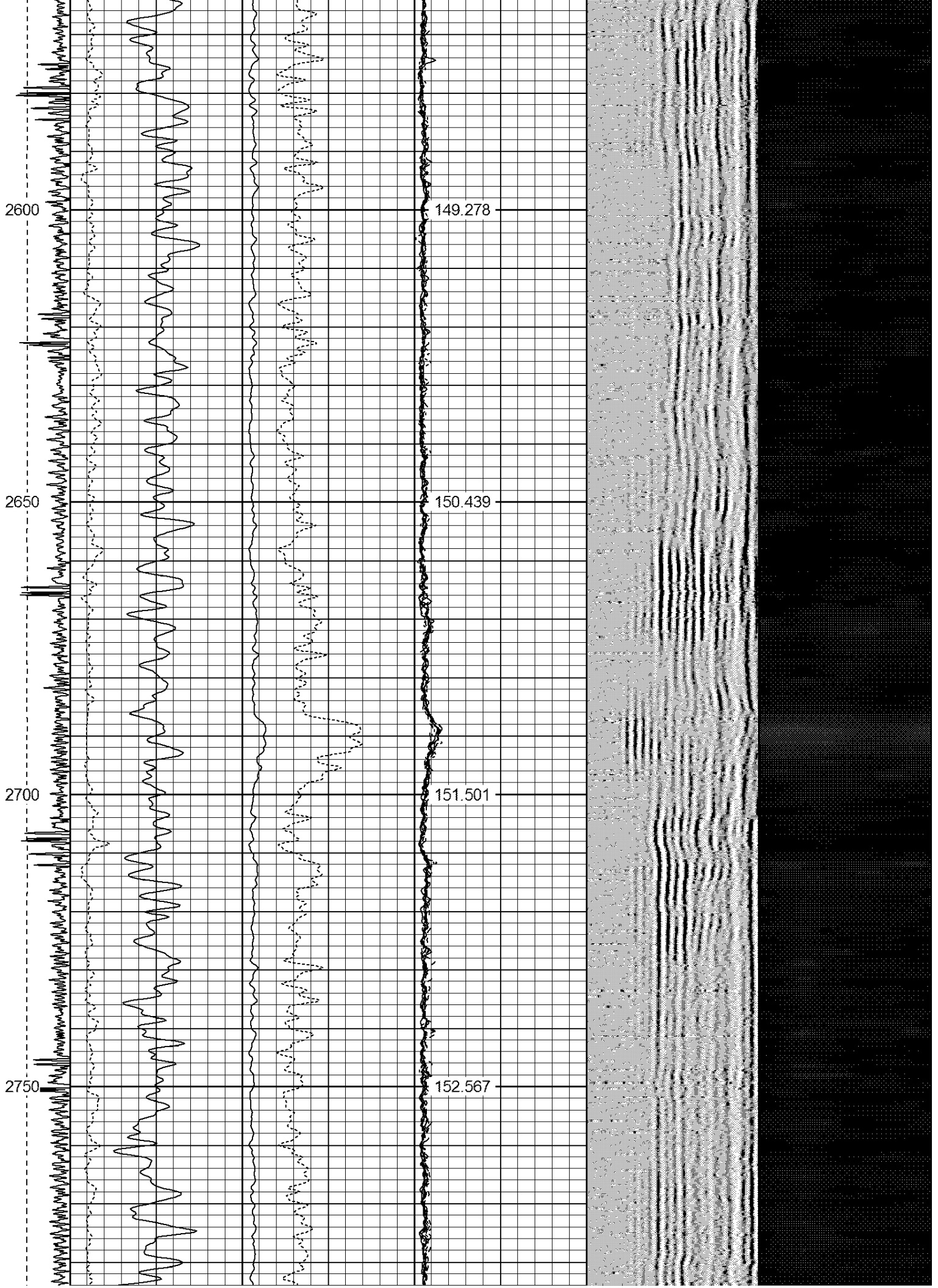
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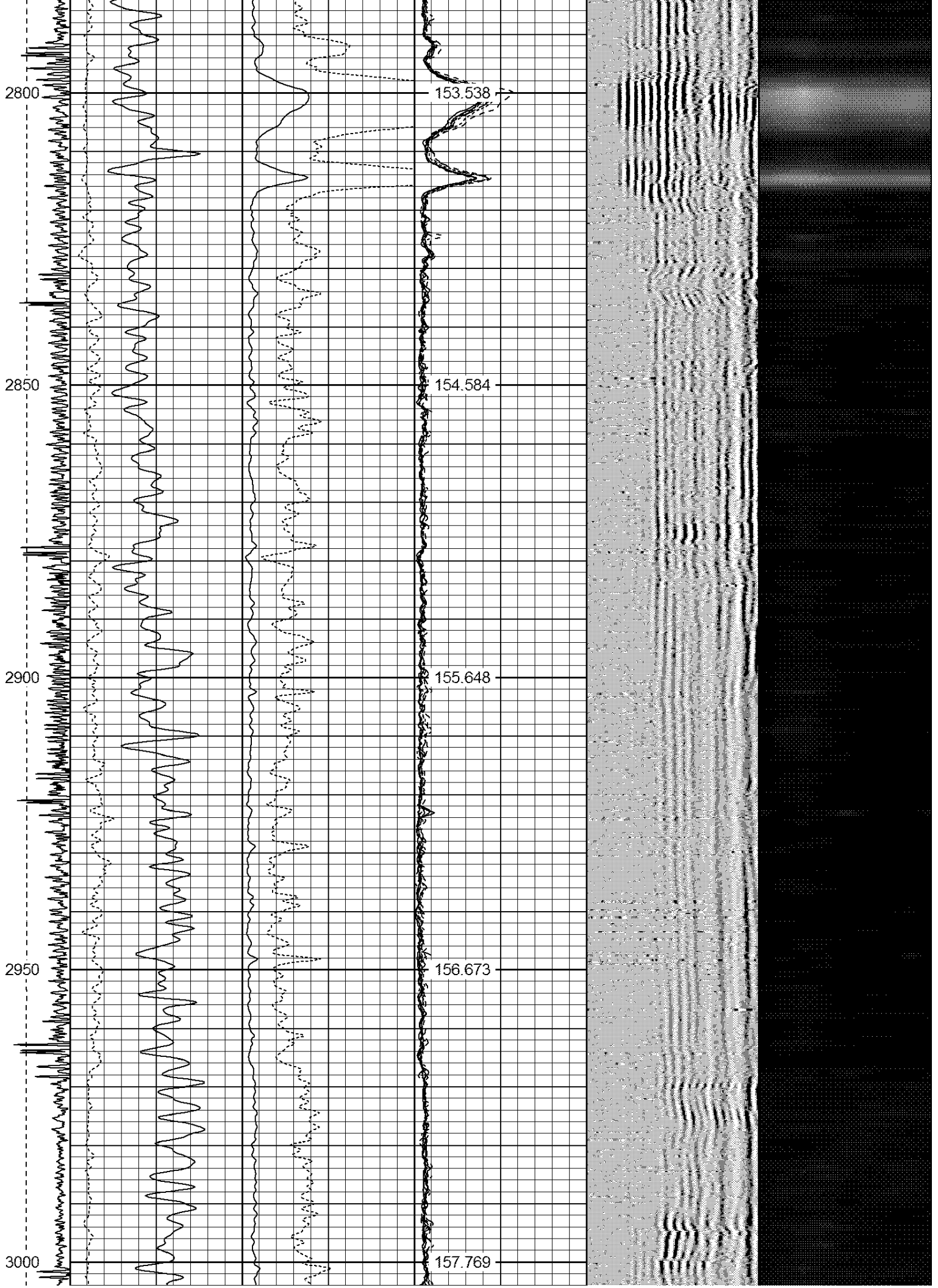
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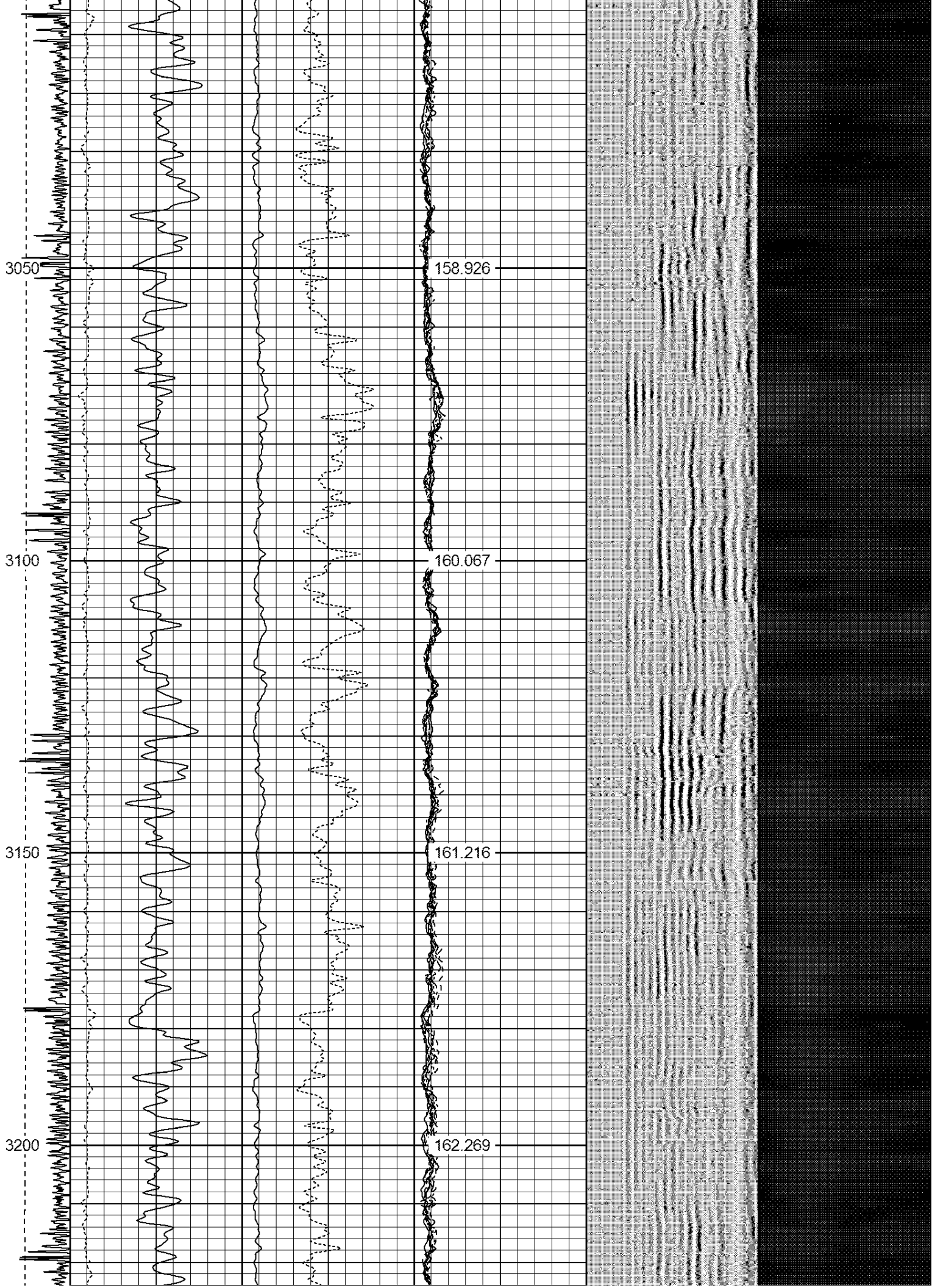
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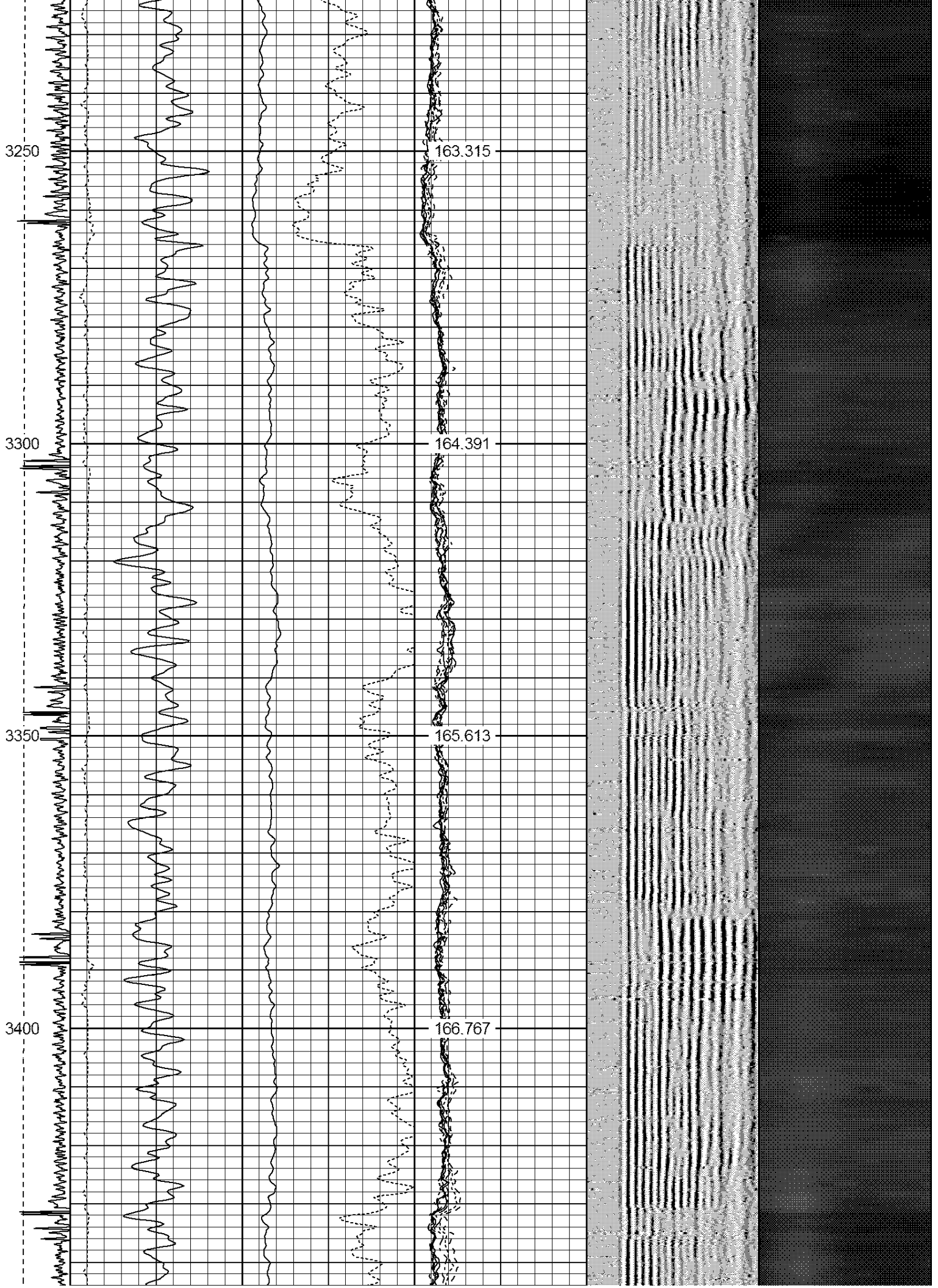
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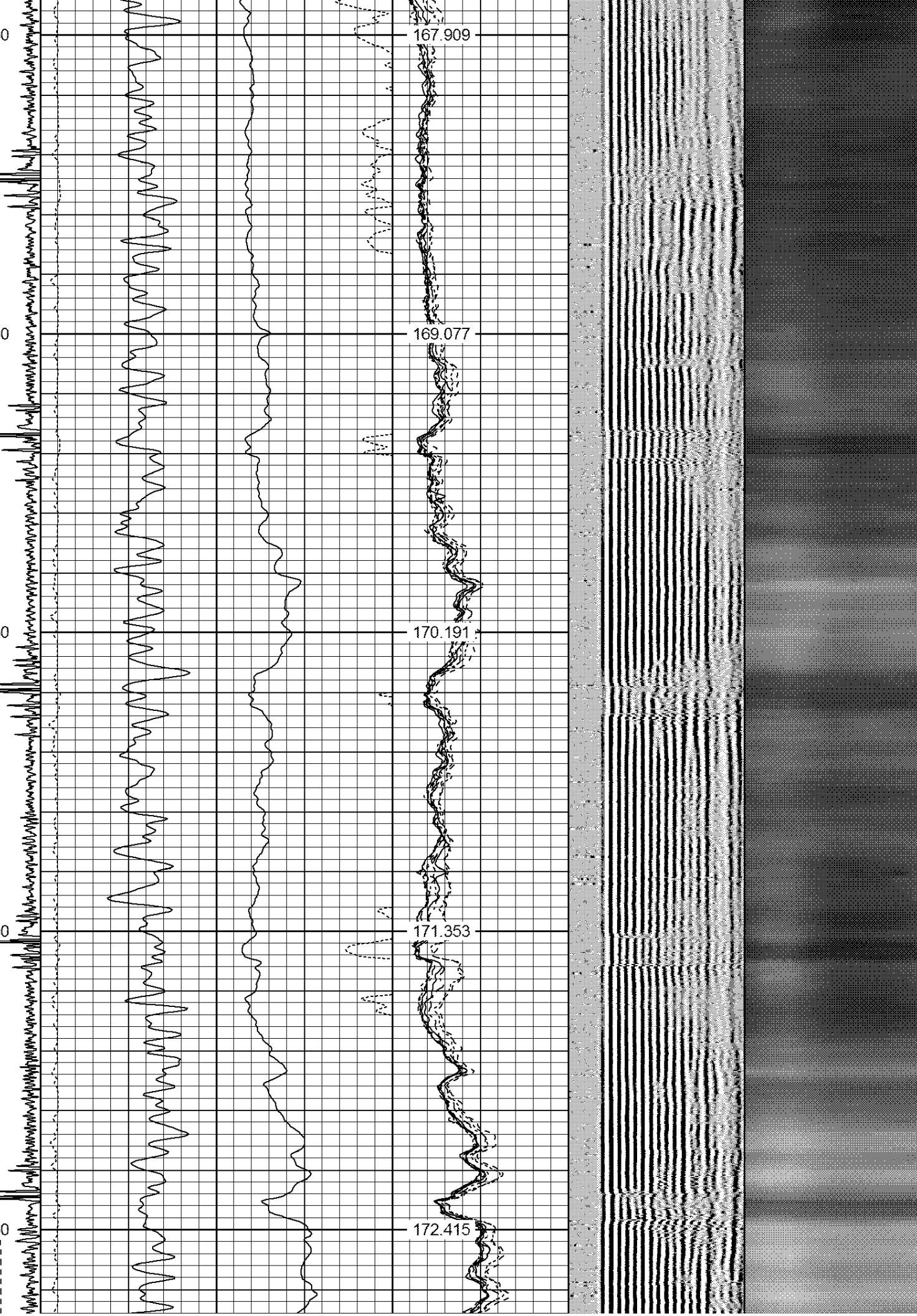


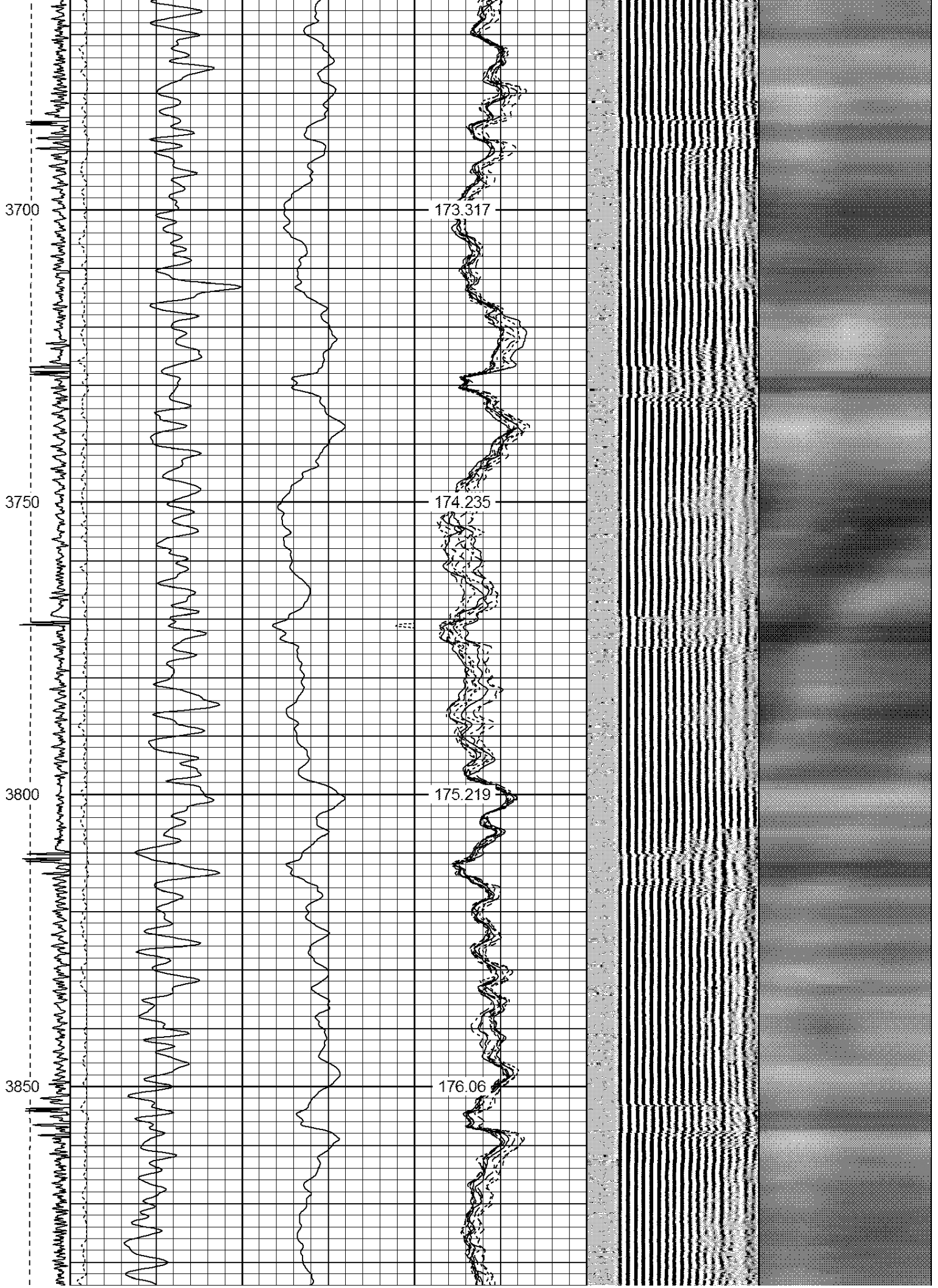


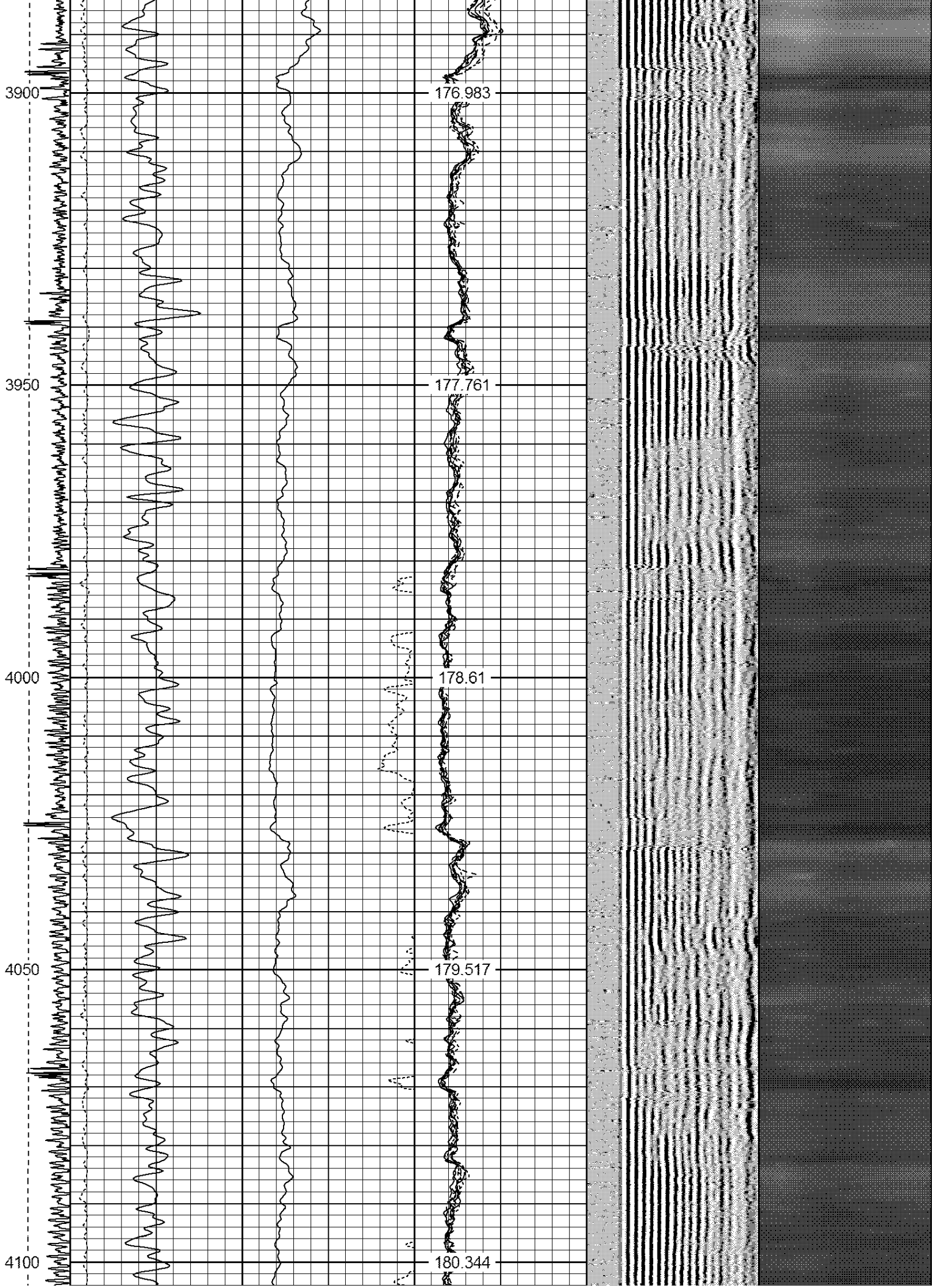


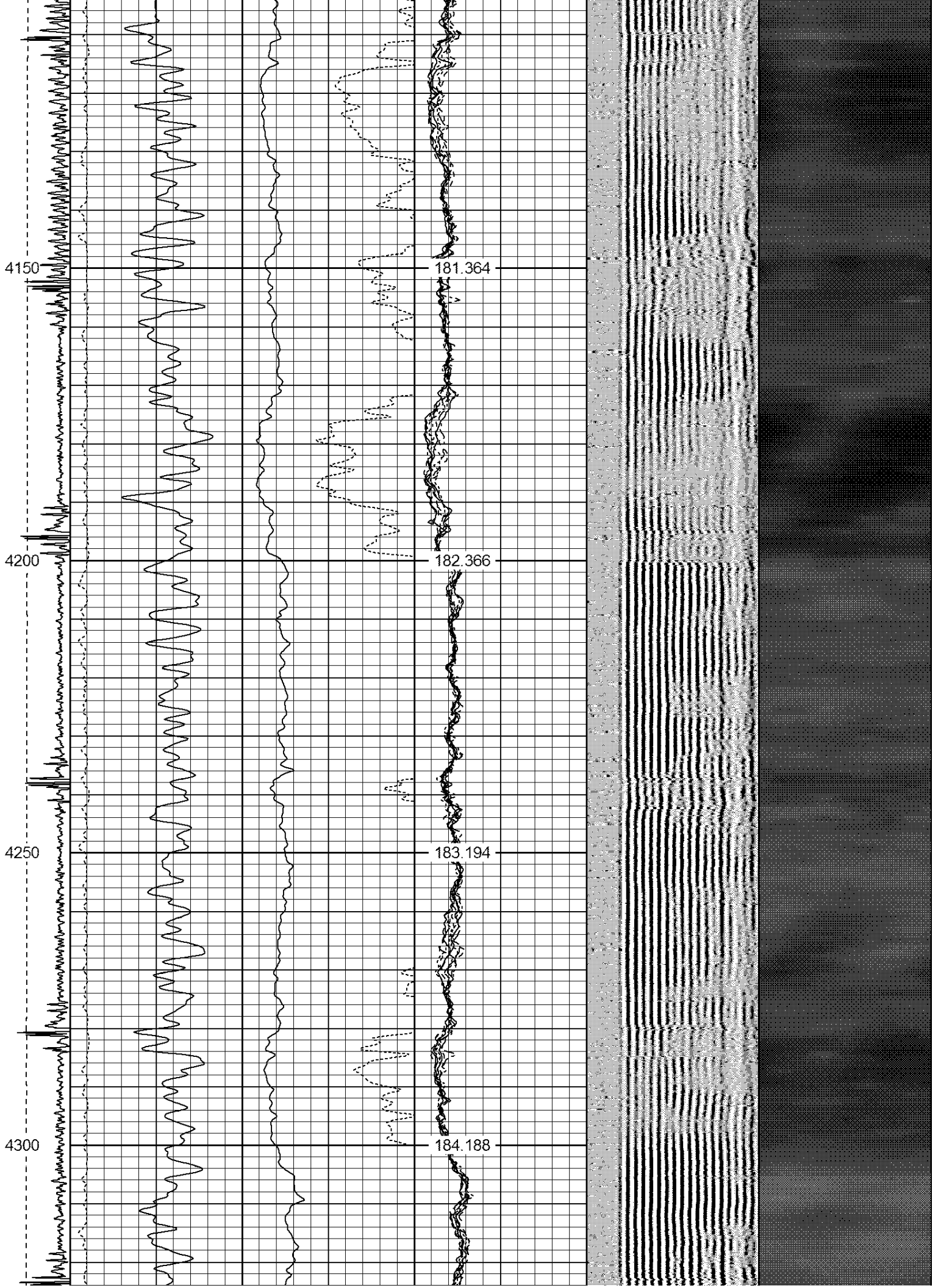
3450  
3500  
3550  
3600  
3650

167.909  
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170.191  
171.353  
172.415









4350

185.057

4400

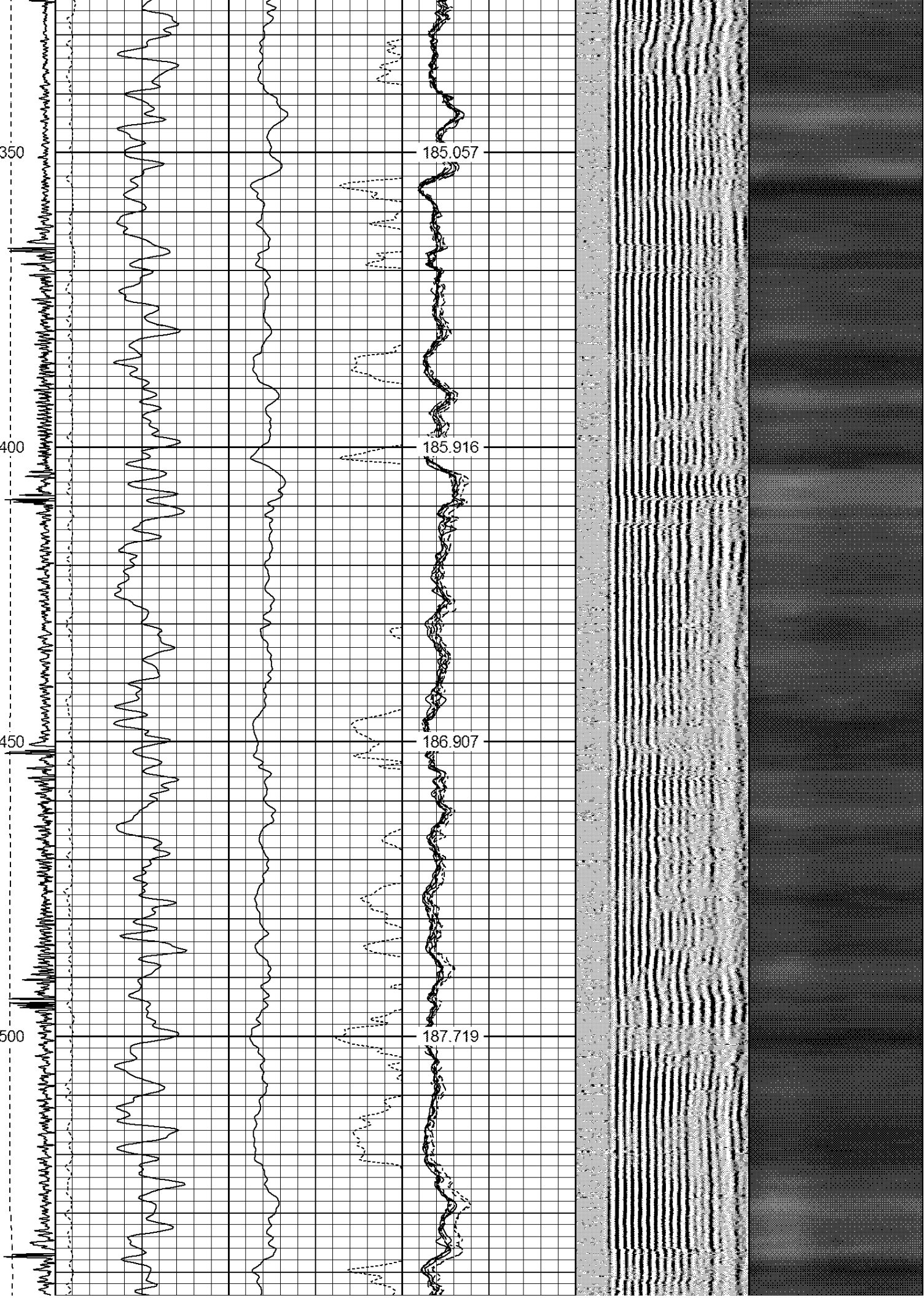
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4450

186.907

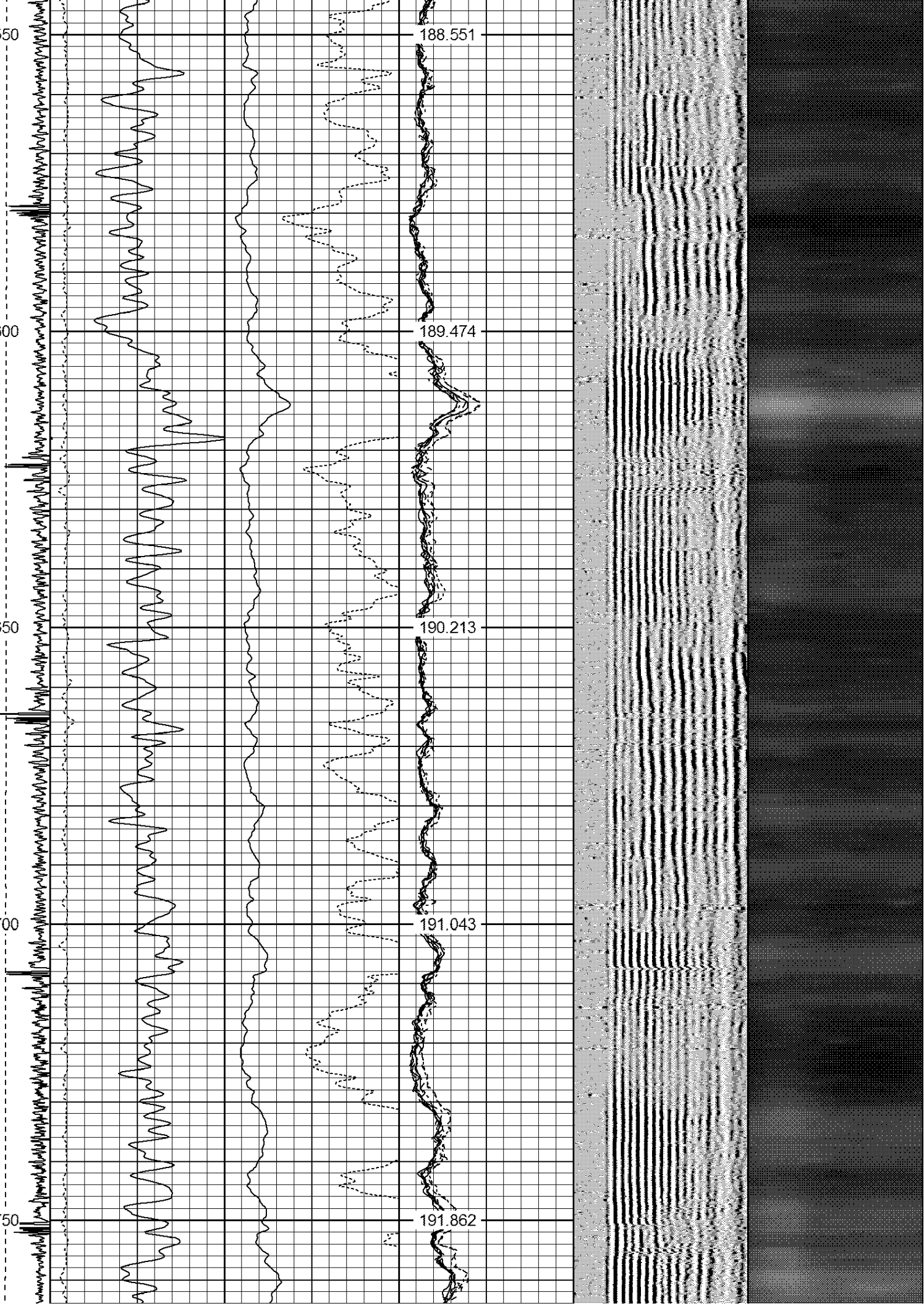
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187.719

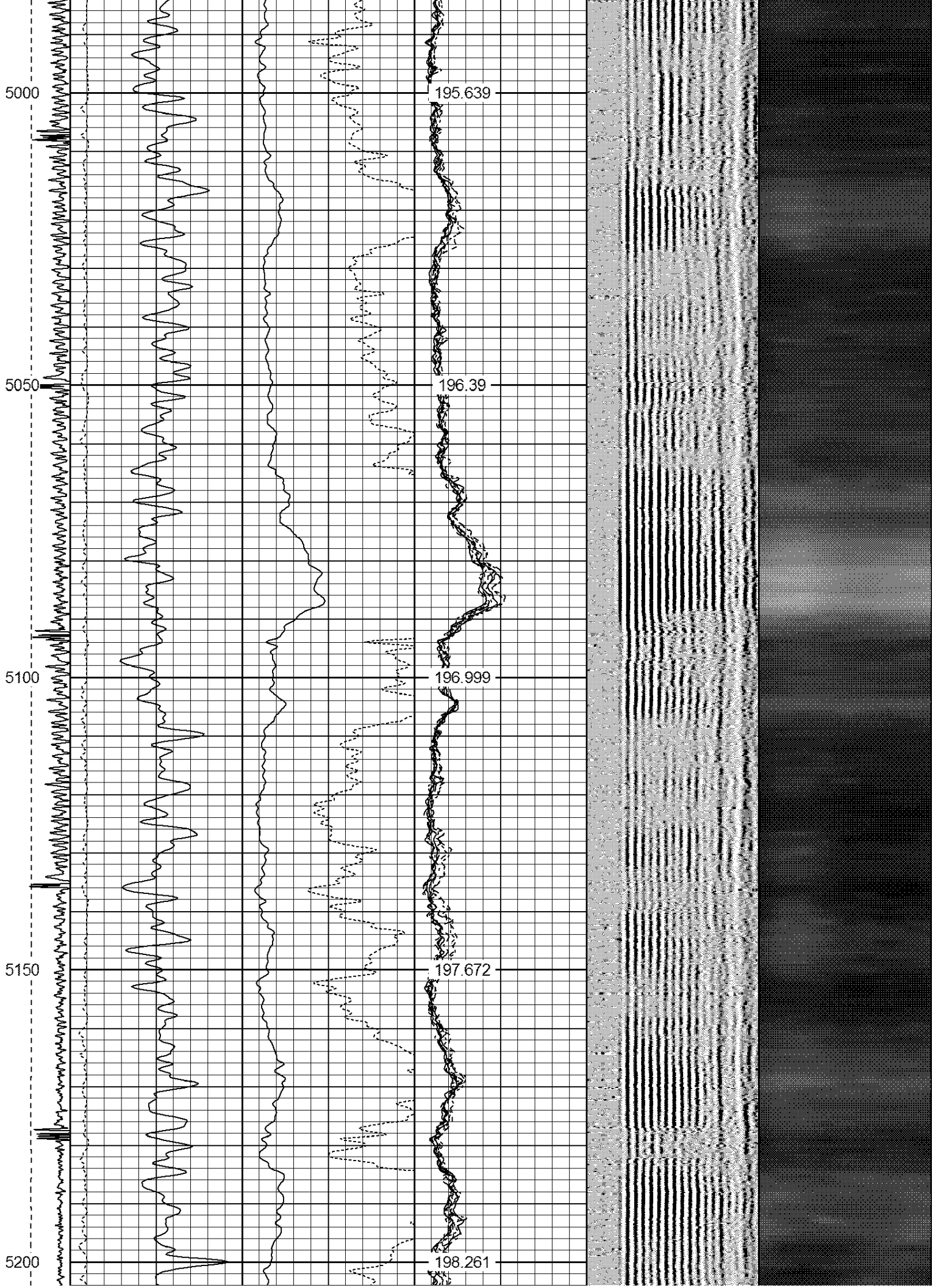


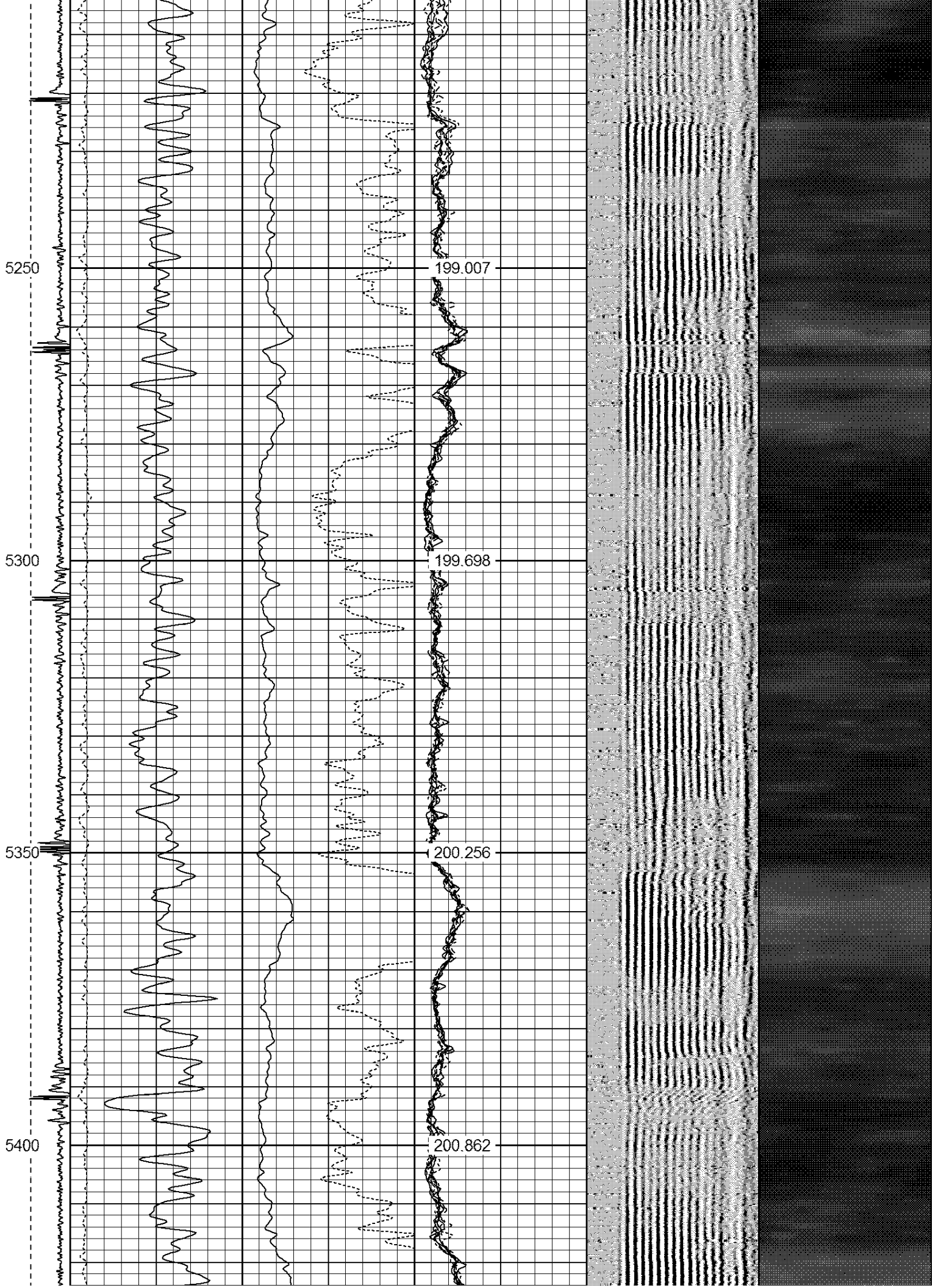
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4600  
4650  
4700  
4750

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189.474  
190.213  
191.043  
191.862









5450

201.423

5500

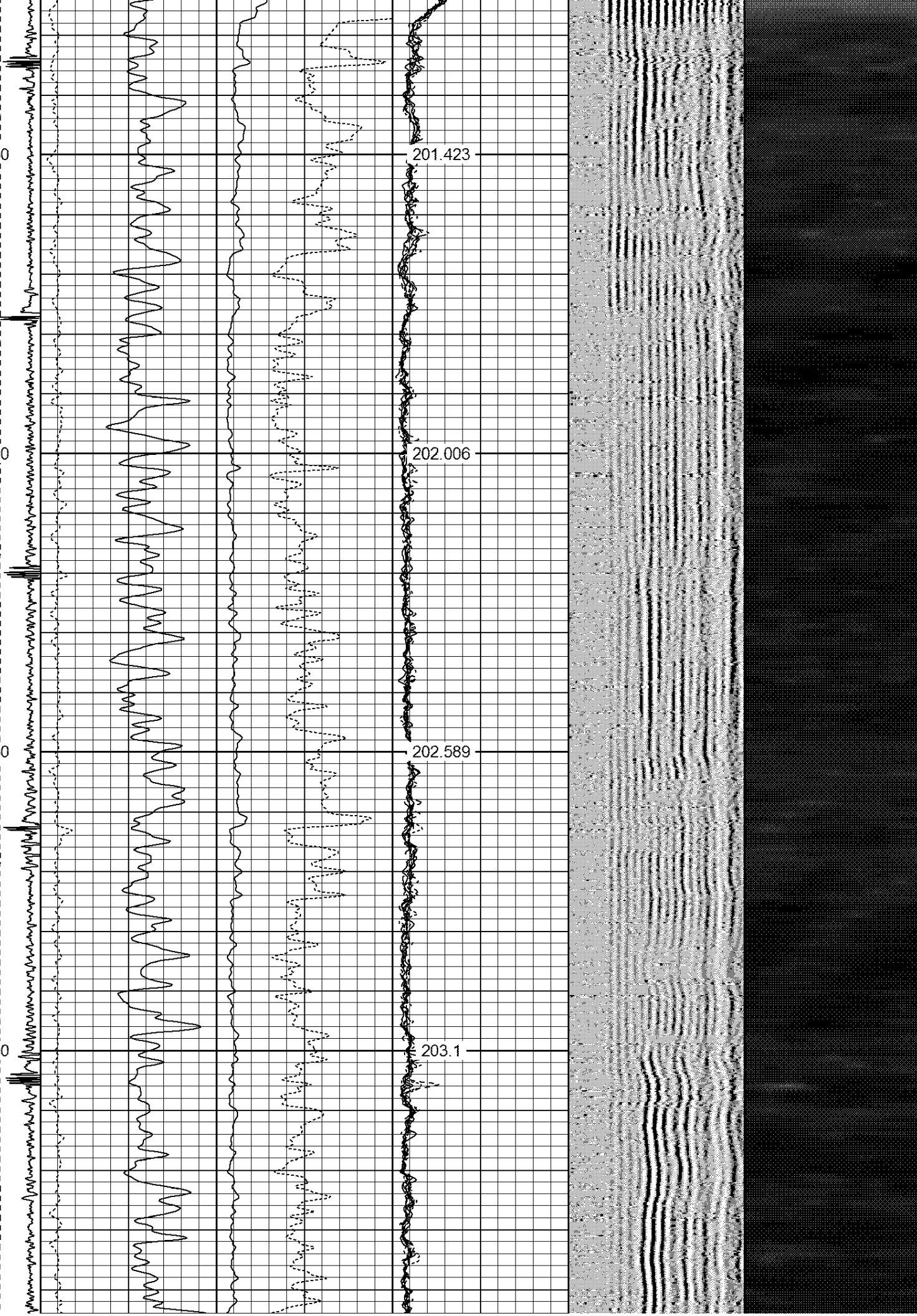
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5550

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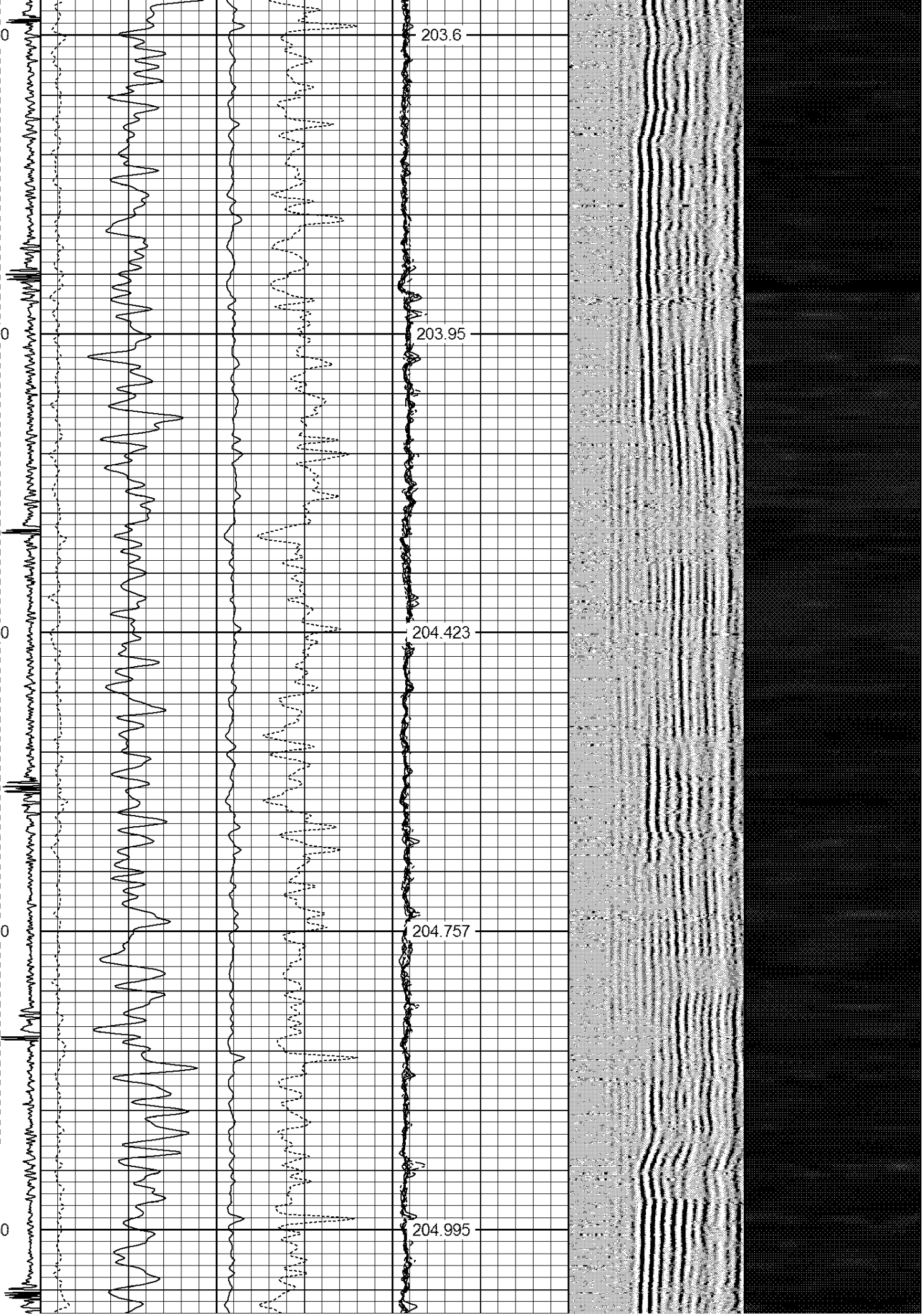
5600

203.1



5650  
5700  
5750  
5800  
5850

203.6  
203.95  
204.423  
204.757  
204.995





6100

205.518

6150

205.537

6200

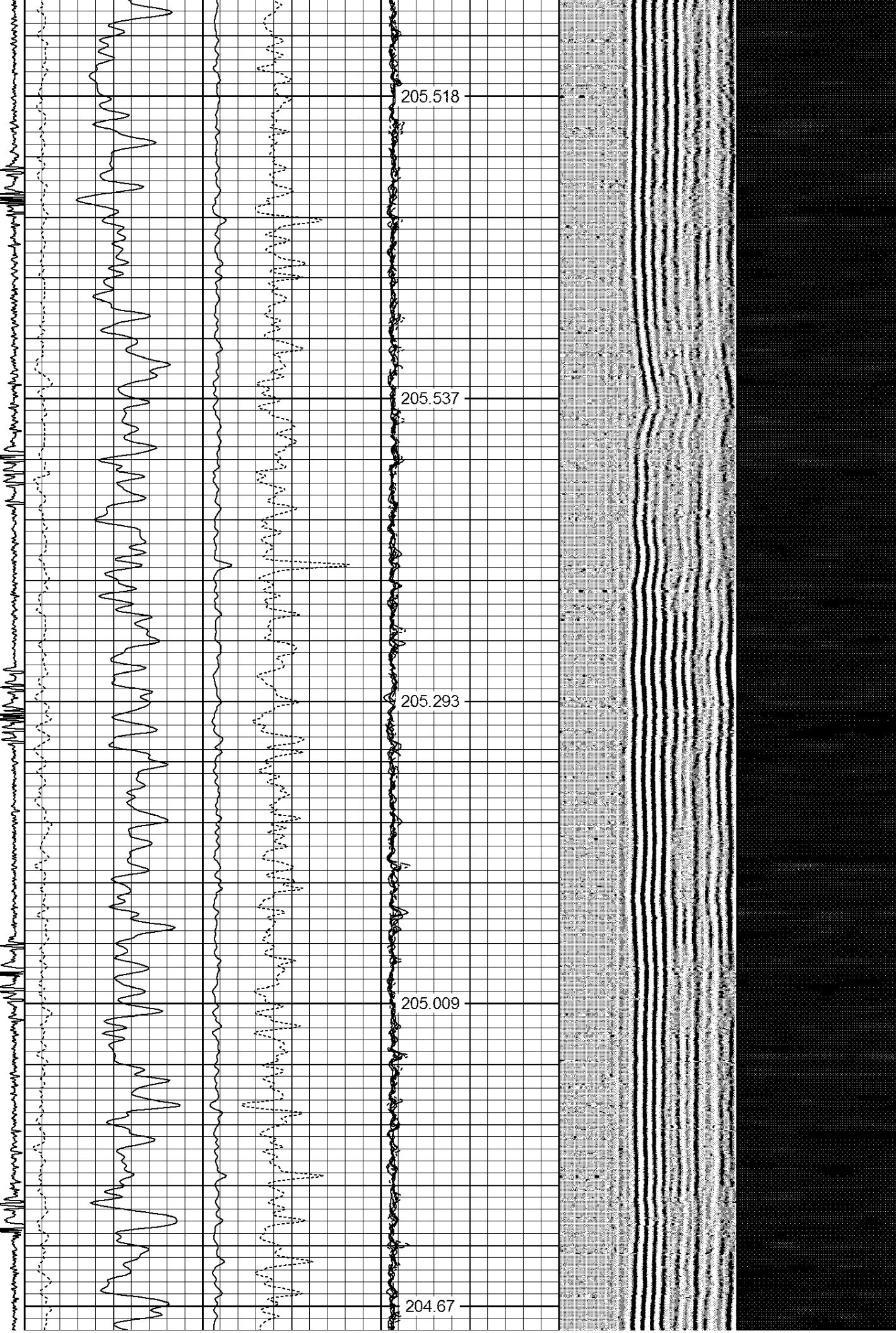
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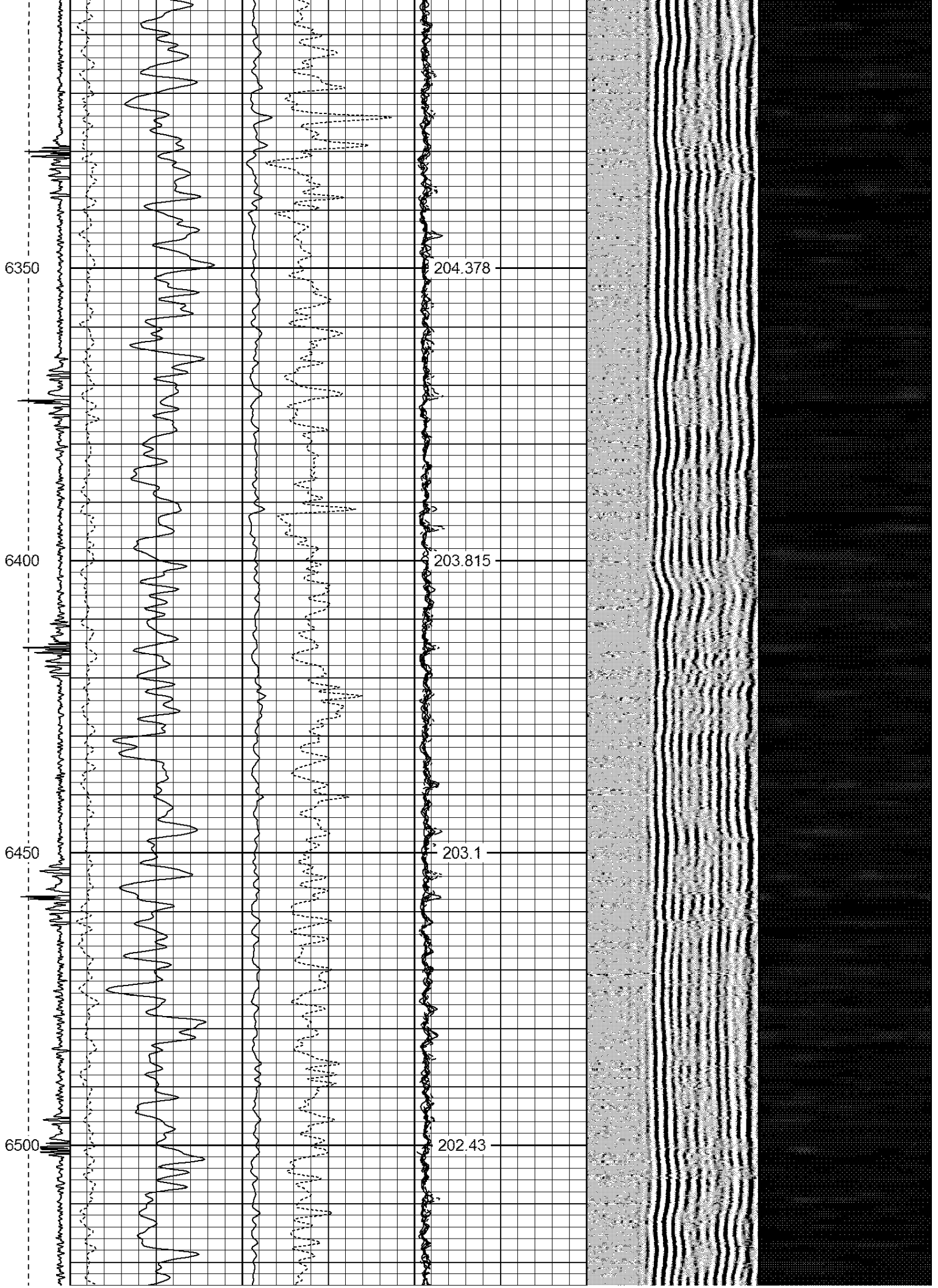
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6300

204.67





6350

204.378

6400

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6450

203.1

6500

202.43

6550

201.546

6600

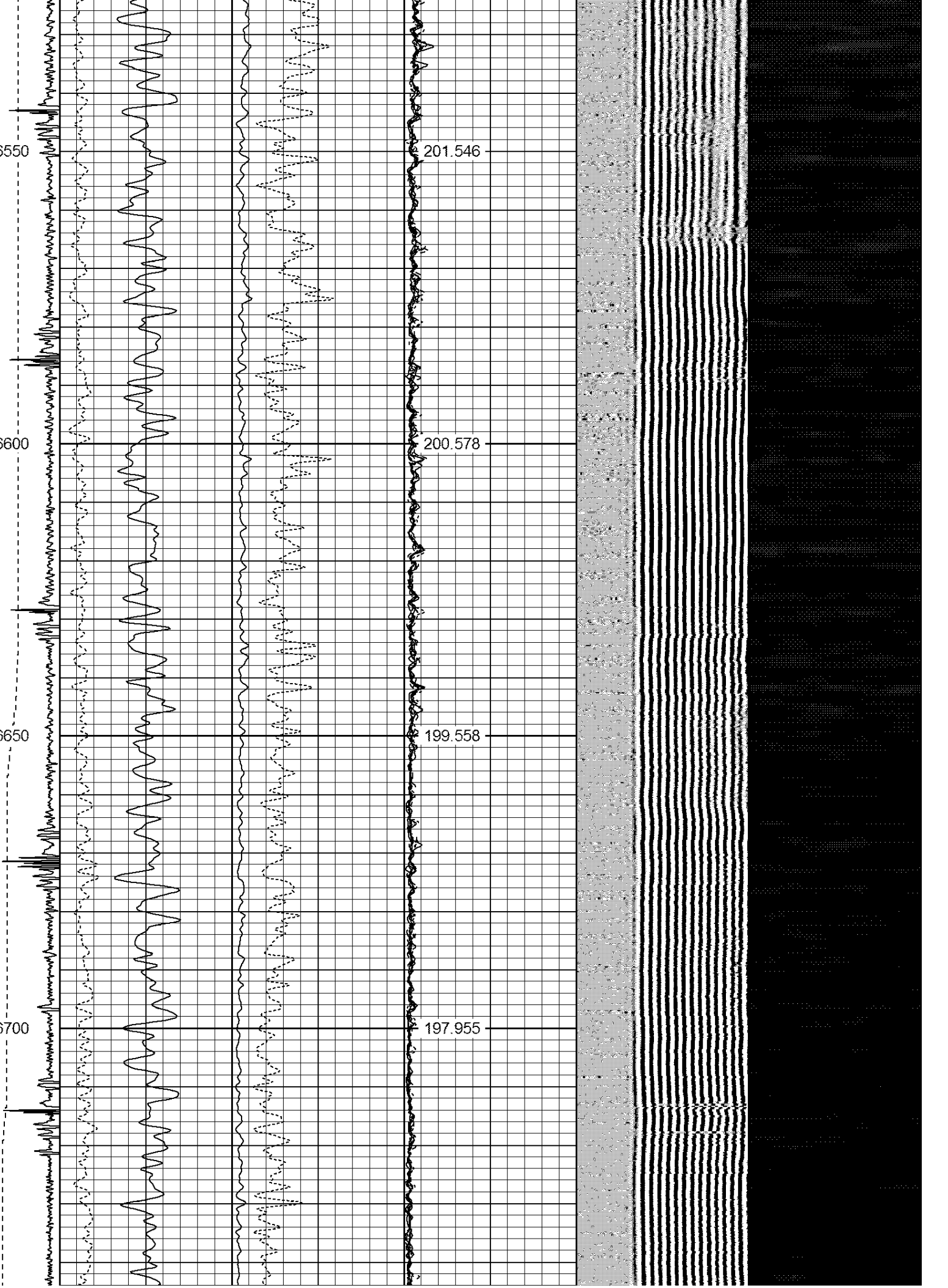
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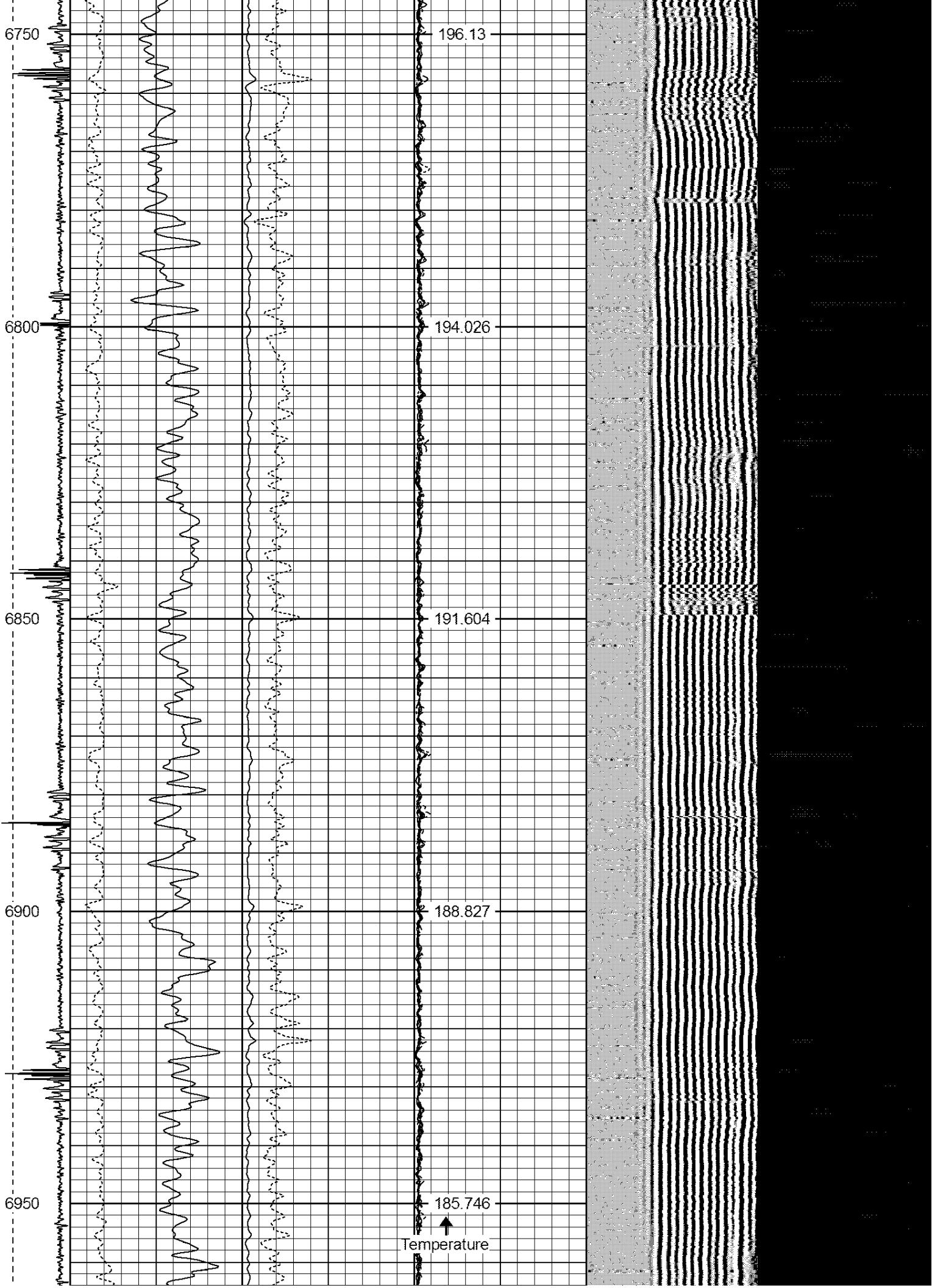
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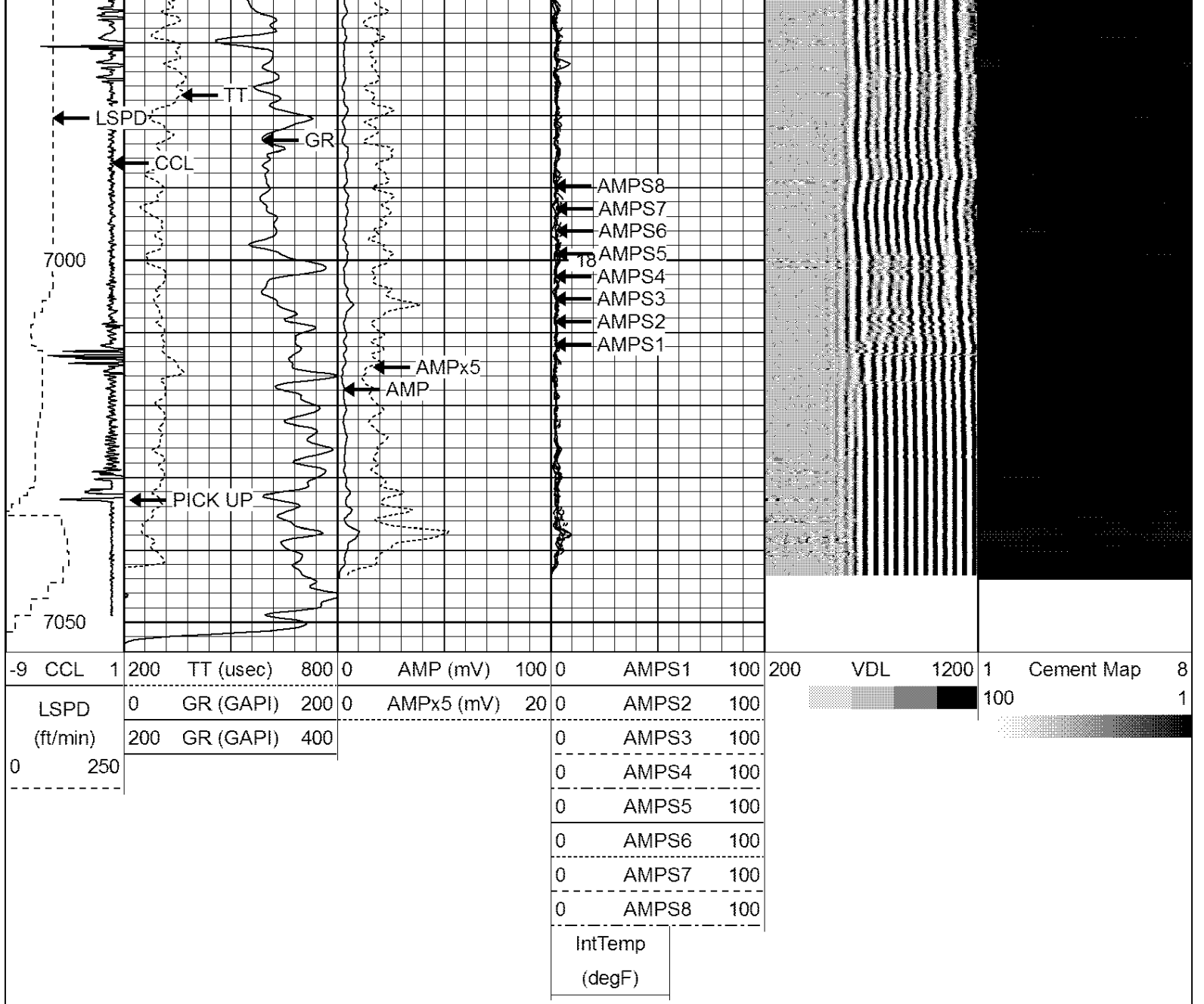


6750  
6800  
6850  
6900  
6950

196.13  
194.026  
191.604  
188.827  
185.746

Temperature





**Well Services**  
E - L I N E

Company SRC ENERGY SERVICES

Well BENSLE J29-27D

Field WATTENBERG

County WELD

State CO