

|                                                                                                                                                                        |                 |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|--|
| <div><div>GAMMA RAY<br/>NEUTRON<br/>SONIC CEMENT BOND<br/>COMPLETION LOG</div></div> |                 | Company SCHANKIE WELL SERVICE INC<br>Well STUEVE # 1<br>Field BRADFIELD<br>County LYON<br>State KANSAS |  | Company SCHANKIE WELL SERVICE INC<br>Well STUEVE # 1<br>Field BRADFIELD<br>County LYON<br>State KANSAS |  | Location: API # : 15-111-20507-00-00<br>S/2-NW-SE-NE<br>180' FNL & 990' FEL<br>SEC 14 TWP 21S RGE 10E<br>Permanent Datum G.L. Elevation 1201<br>Log Measured From K.B. K.B. 1209'<br>Drilling Measured From K.B. 8' A.G.L. G.L. 1201' |  | Other Services |  |
| Date                                                                                                                                                                   | 5-22-2014       |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |
| Run Number                                                                                                                                                             | 1-NEW WELL      |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |
| Depth Driller                                                                                                                                                          | 2608'           |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |
| Depth Logger                                                                                                                                                           | 2599.6'         |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |
| Top Log Interval                                                                                                                                                       | SURFACE         |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |
| Bottom Logged Interval                                                                                                                                                 | 2599.6'         |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |
| Fluid Level                                                                                                                                                            | FULL            |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |
| Type Fluid                                                                                                                                                             | WATER           |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |
| Production Casing                                                                                                                                                      | 5.5" @ T.D.     | @                                                                                                      |  | @                                                                                                      |  |                                                                                                                                                                                                                                       |  |                |  |
| Max. Recorded Temp.                                                                                                                                                    |                 |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |
| Estimated Cement Top                                                                                                                                                   |                 |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |
| Calculated Cement Top                                                                                                                                                  | 1320'           |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |
| Amount & Type Cement                                                                                                                                                   |                 |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |
| Amount & Type Admix                                                                                                                                                    |                 |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |
| Drilling Contractor                                                                                                                                                    | GULICK DRILLING |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |
| Equipment Number                                                                                                                                                       | 107             |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |
| Location                                                                                                                                                               |                 |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |
| Recorded By                                                                                                                                                            | UDEN, D.        |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |
| Witnessed By                                                                                                                                                           | SCHANKIE, R.    |                                                                                                        |  |                                                                                                        |  |                                                                                                                                                                                                                                       |  |                |  |

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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.

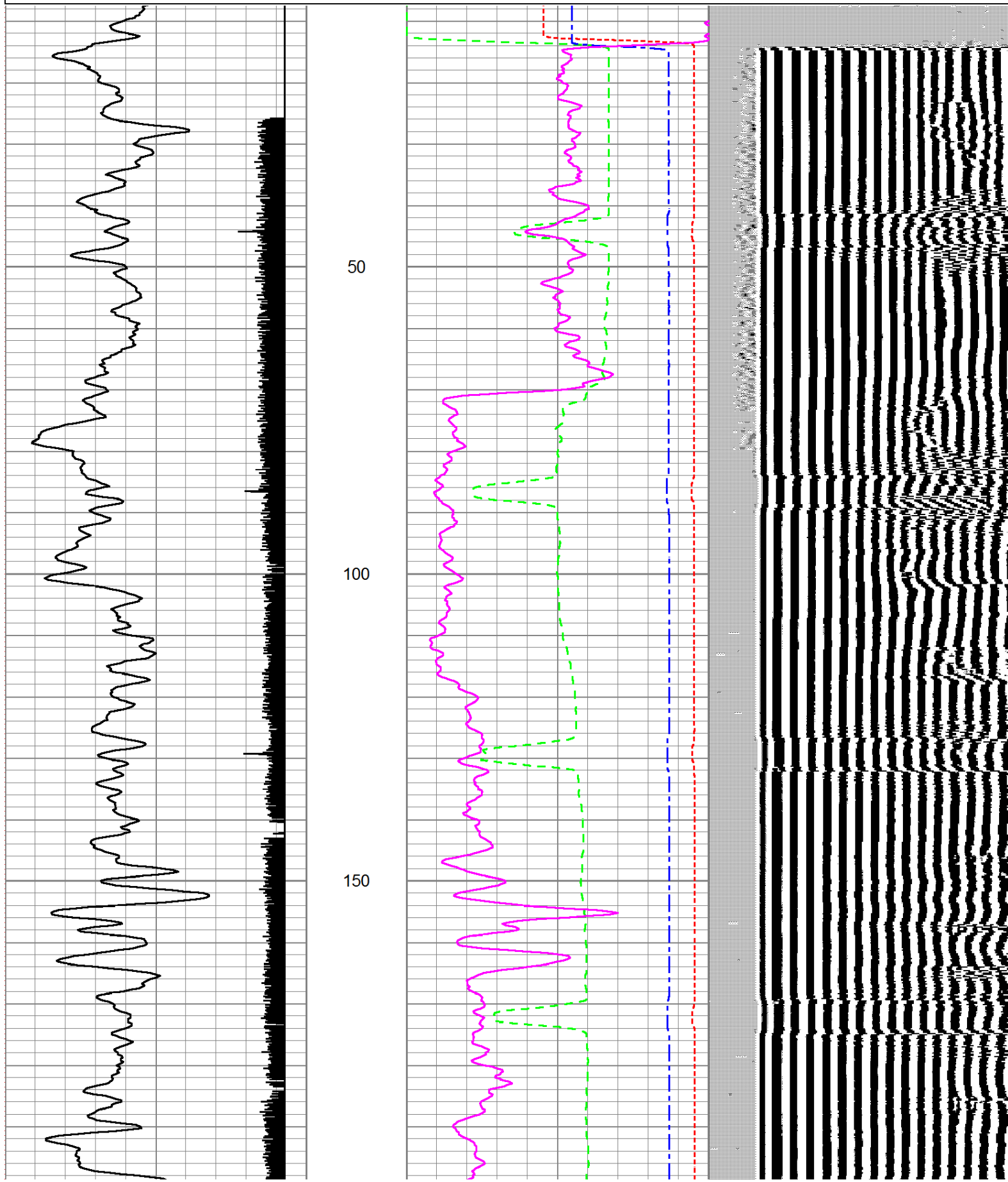
Comments

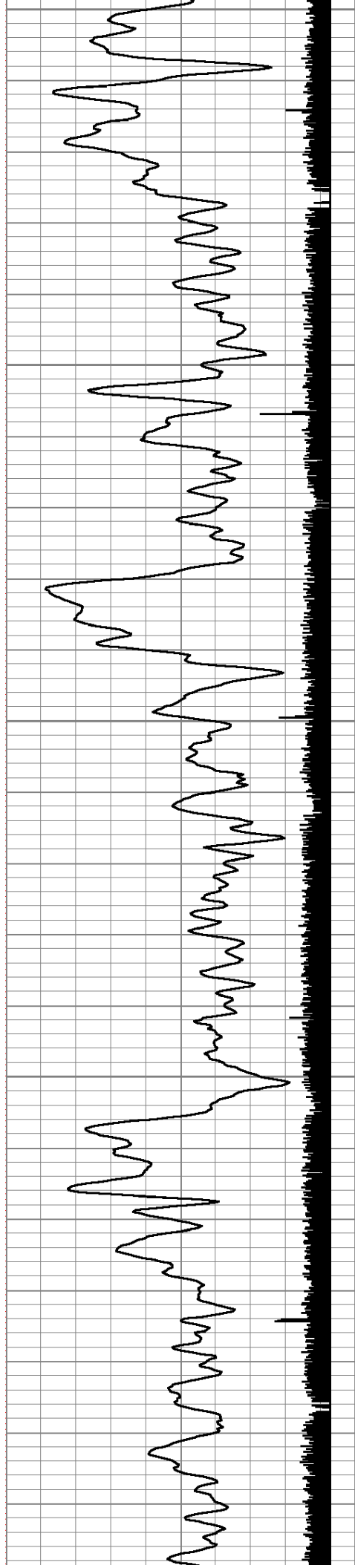
THANK YOU

| Sensor | Offset (ft) | Schematic                                                                           | Description         | Len (ft) | OD (in) | Wt (lb) |
|--------|-------------|-------------------------------------------------------------------------------------|---------------------|----------|---------|---------|
|        |             |  | tekco<br>tekco cent | 2.17     | 1.69    | 5.00    |

| Tool                                                                                                               | Length (ft) | Weight (lb) | OD (in) | Tool Description                                                | Length (ft) | Weight (lb) | OD (in) |
|--------------------------------------------------------------------------------------------------------------------|-------------|-------------|---------|-----------------------------------------------------------------|-------------|-------------|---------|
| WVF3FT                                                                                                             | 17.50       | 50.00       | 1.69    | CBLTEKCO-TEKCO2RCVR (TEKCO169)<br>1 11/16" TEKCO 2 RCVR DELWARE | 9.75        | 1.69        | 50.00   |
| WVF5FT                                                                                                             | 16.50       |             |         |                                                                 |             |             |         |
| WVFCAL                                                                                                             | 13.08       |             |         |                                                                 |             |             |         |
| WVFSYNC                                                                                                            | 13.08       |             |         |                                                                 |             |             |         |
|                                                                                                                    |             |             |         | tekco<br>tekco cent.                                            | 2.17        | 1.69        | 5.00    |
| GR                                                                                                                 | 7.59        | 20.00       | 1.69    | GR-TITAN_169 (TIT169_001)<br>Titan 1 11/16" Gamma Ray           | 4.75        | 1.69        | 20.00   |
| CCL                                                                                                                | 5.05        | 7.50        | 1.69    | CCL-TITAN_169 (TIT169)<br>Titan 1 11/16" Logging CCL            | 1.83        | 1.69        | 7.50    |
| NEU                                                                                                                | 0.63        | 20.00       | 1.69    | NEU-TITAN_169 (TIT169_001)<br>Titan 1 11/16" Neutron            | 4.33        | 1.69        | 20.00   |
| Dataset: stueve #1.db: field/well/run1/pass1<br>Total Length: 25.00 ft<br>Total Weight: 107.50 lb<br>O.D.: 1.69 in |             |             |         |                                                                 |             |             |         |

|     |           |     |      |                |     |     |     |      |
|-----|-----------|-----|------|----------------|-----|-----|-----|------|
| 0   | Gamma Ray | 150 | 0    | Amplitude (mV) | 150 | 200 | VDL | 1200 |
| 150 | gr        | 300 | 1200 | TT3FT (usec)   | 200 |     |     |      |
| 13  | CCL       | -1  | 1500 | TT5FT (usec)   | 200 |     |     |      |
|     |           |     | 50   | NEU            | 950 |     |     |      |





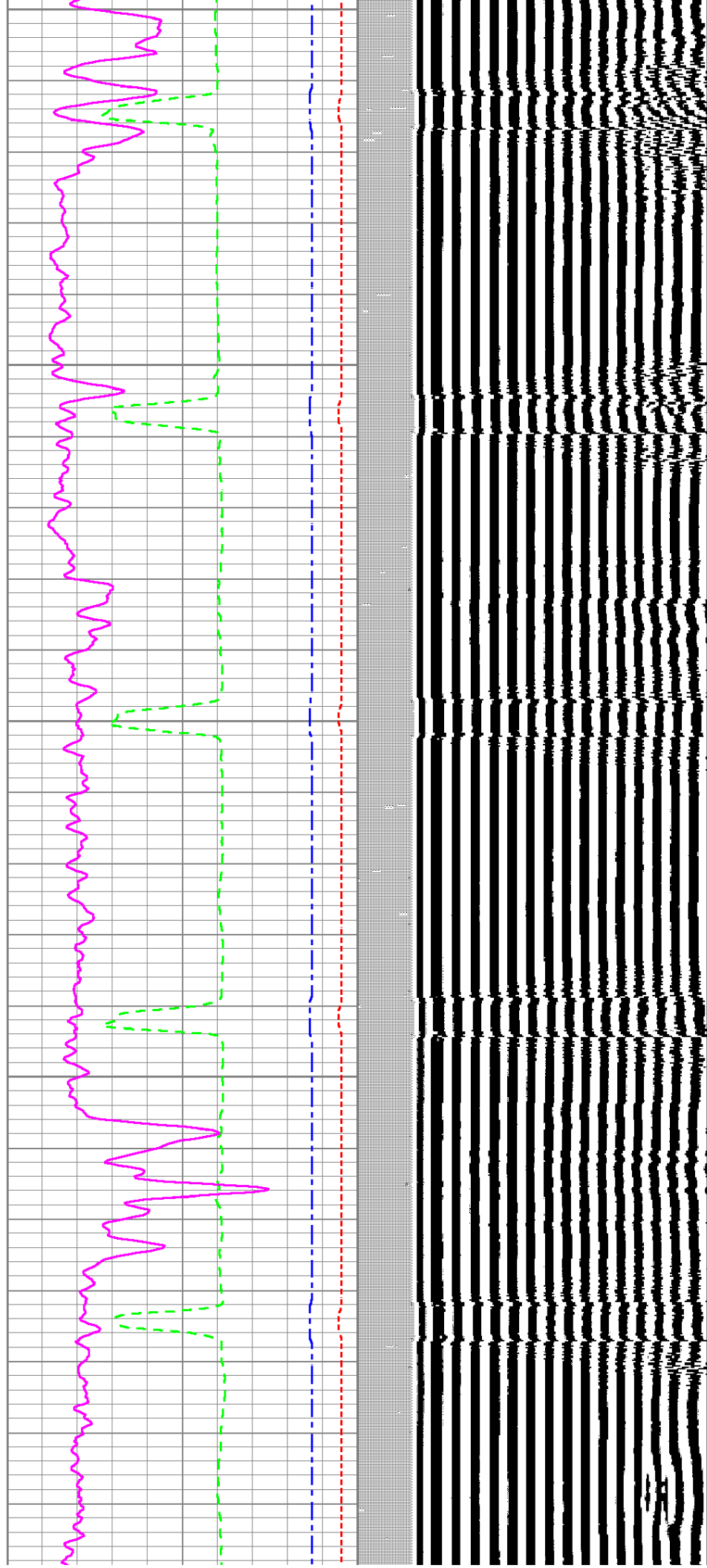
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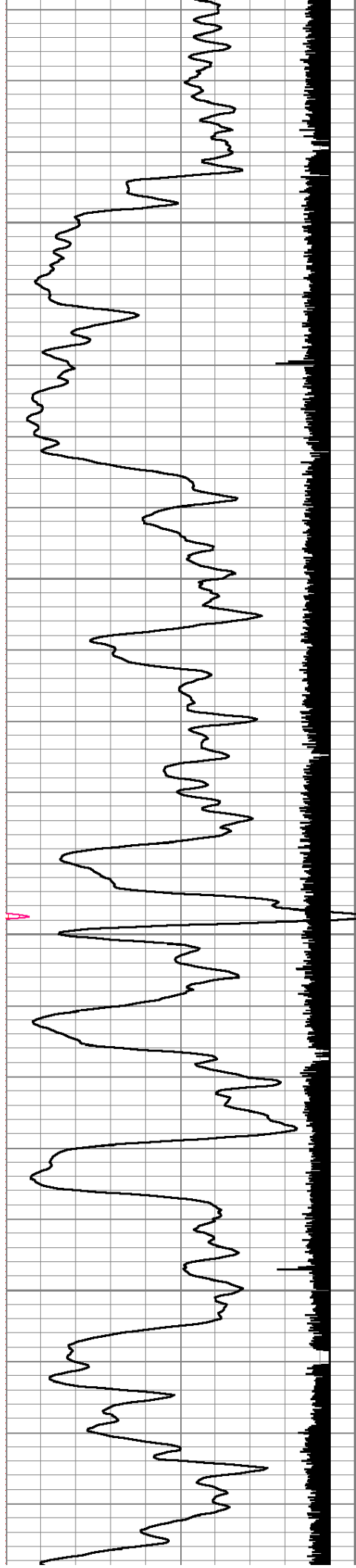
250

300

350

400



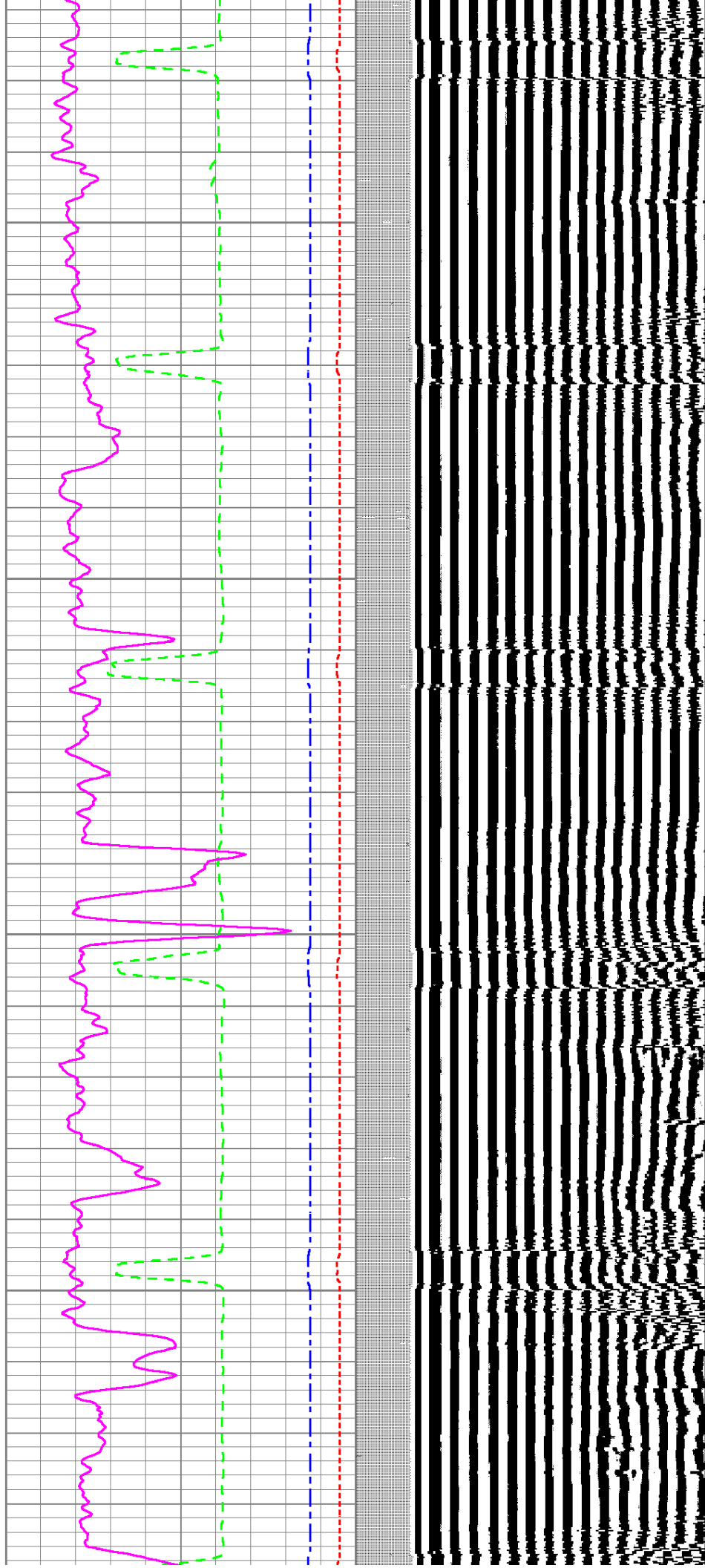


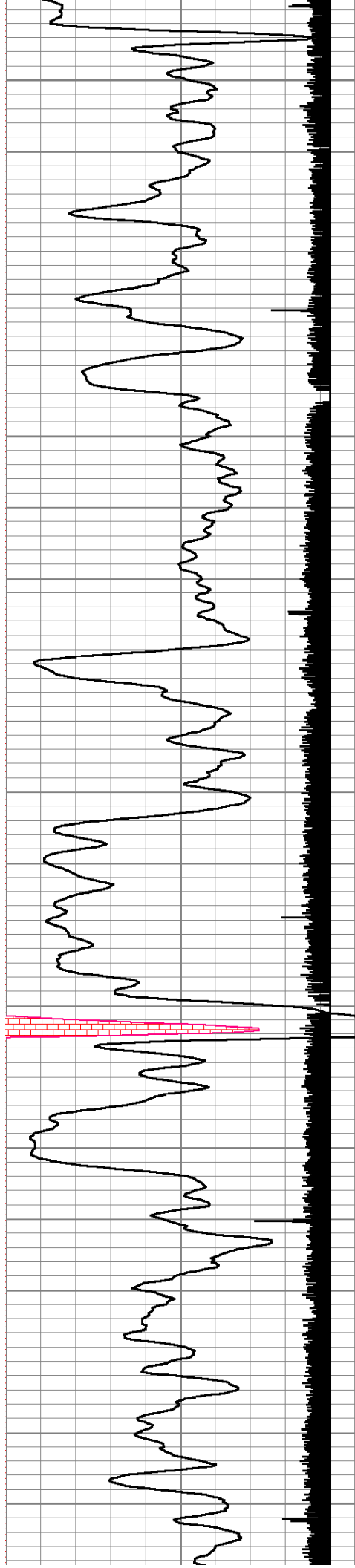
450

500

550

600





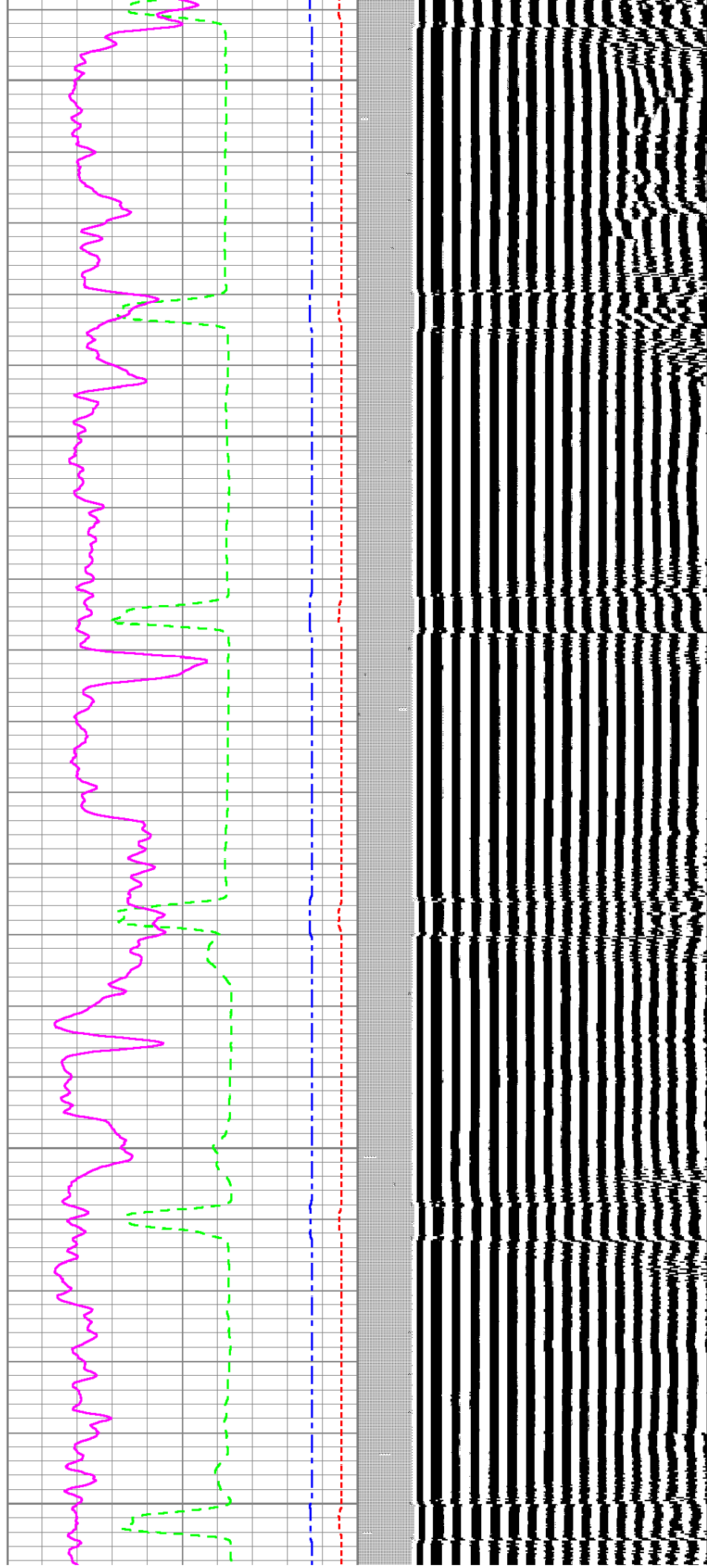
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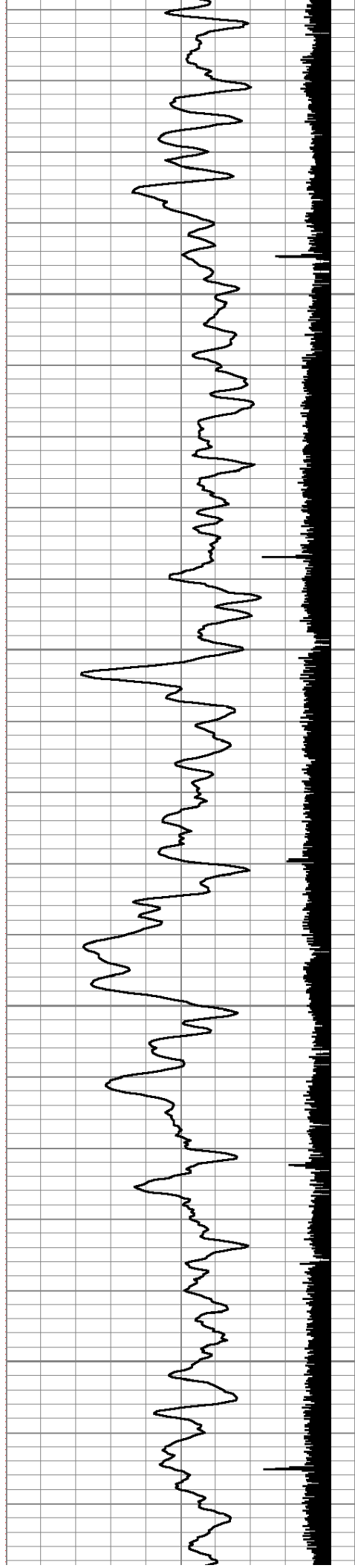
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750

800

850



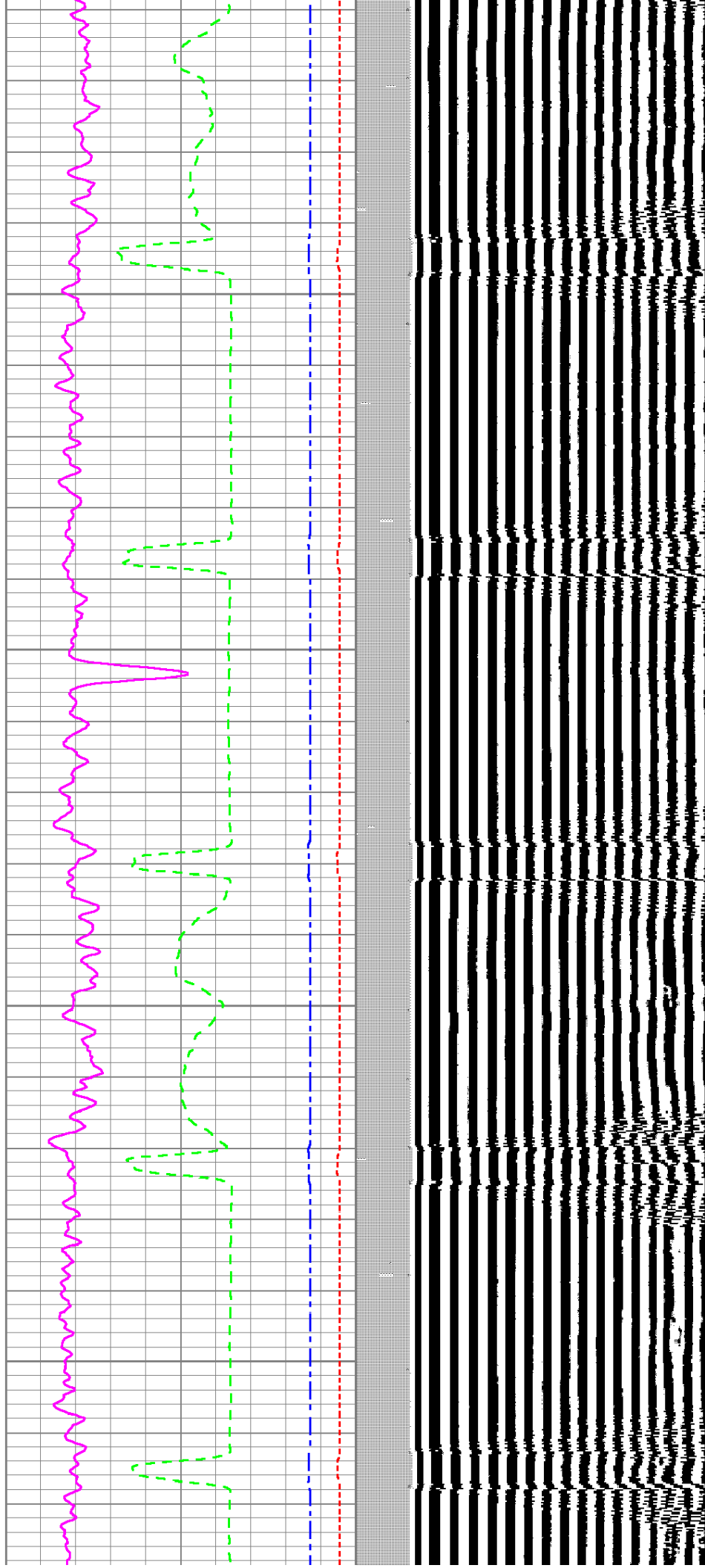


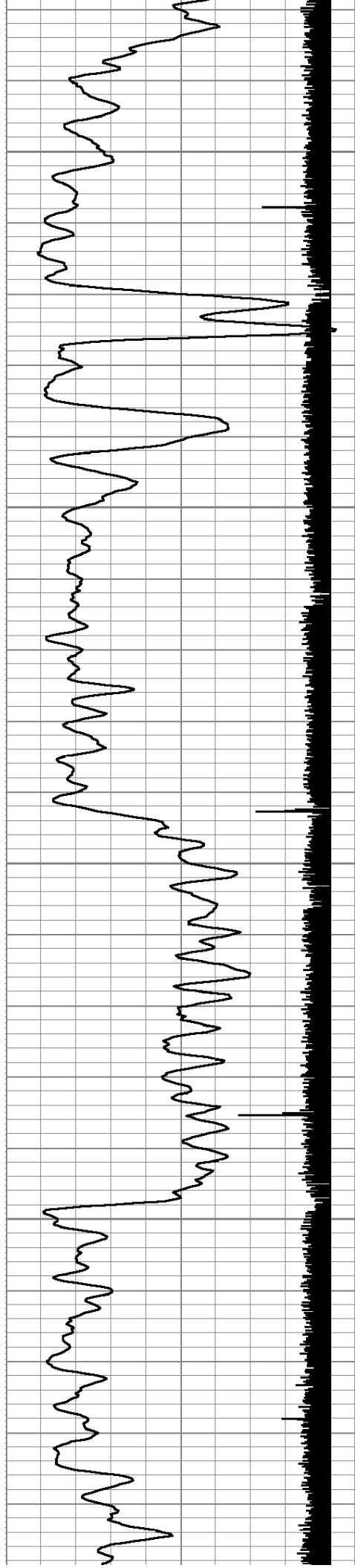
900

950

1000

1050



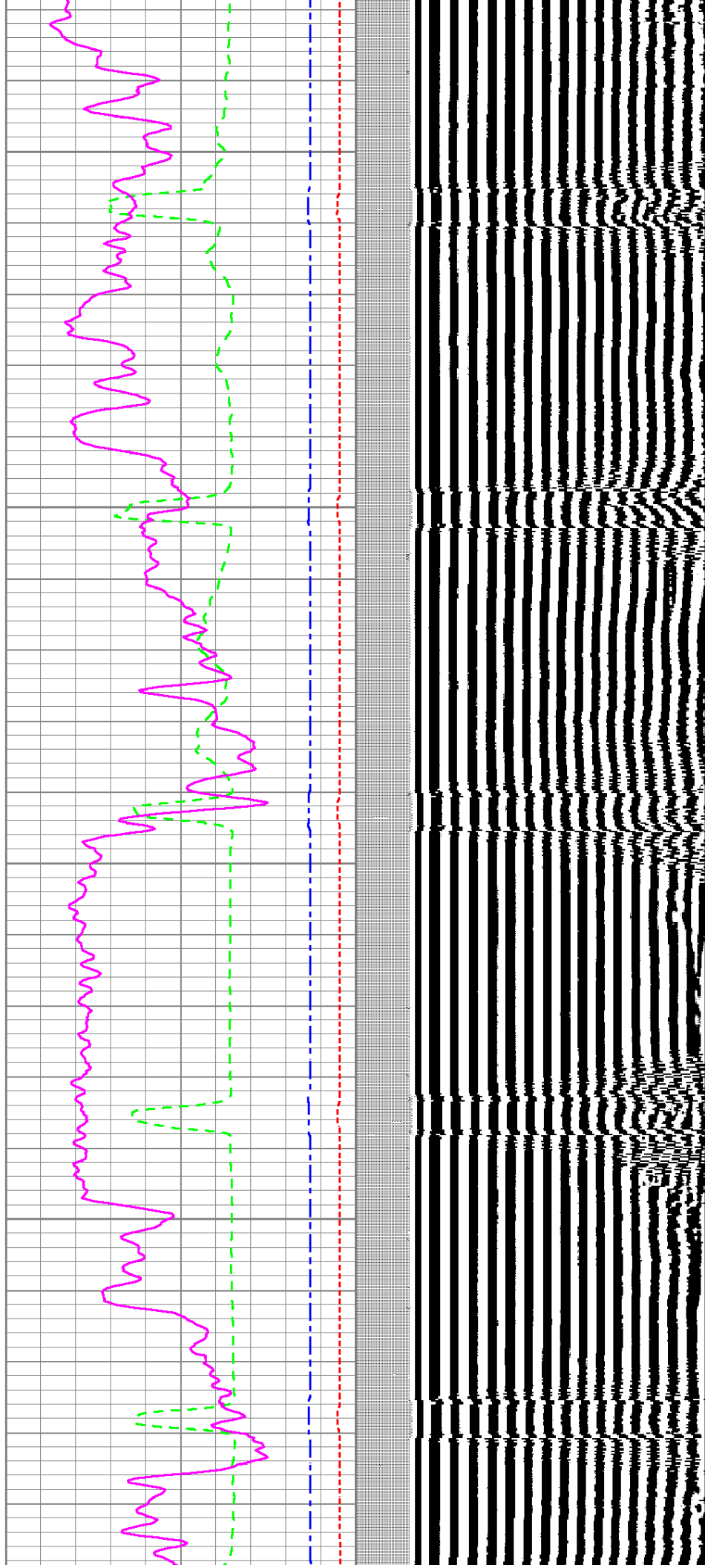


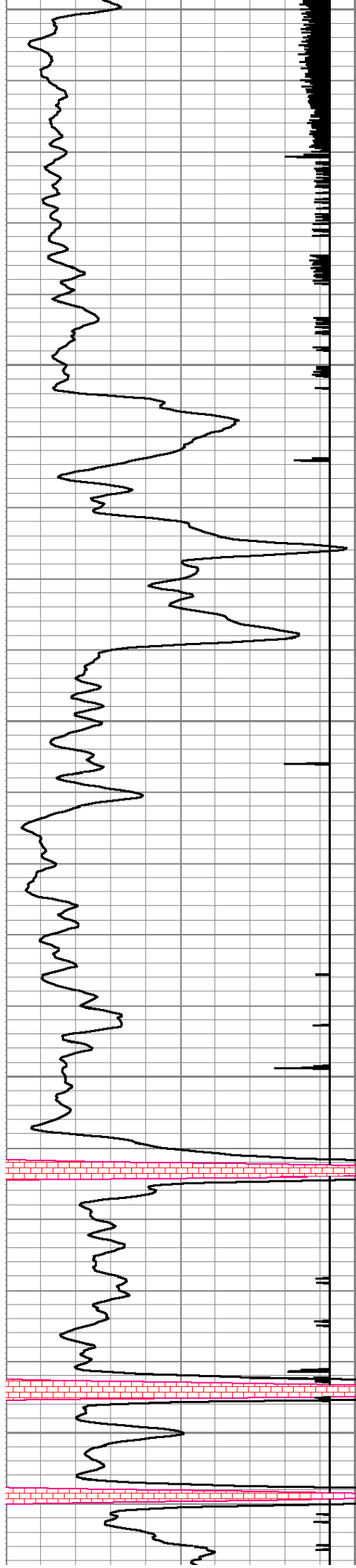
1100

1150

1200

1250





1300

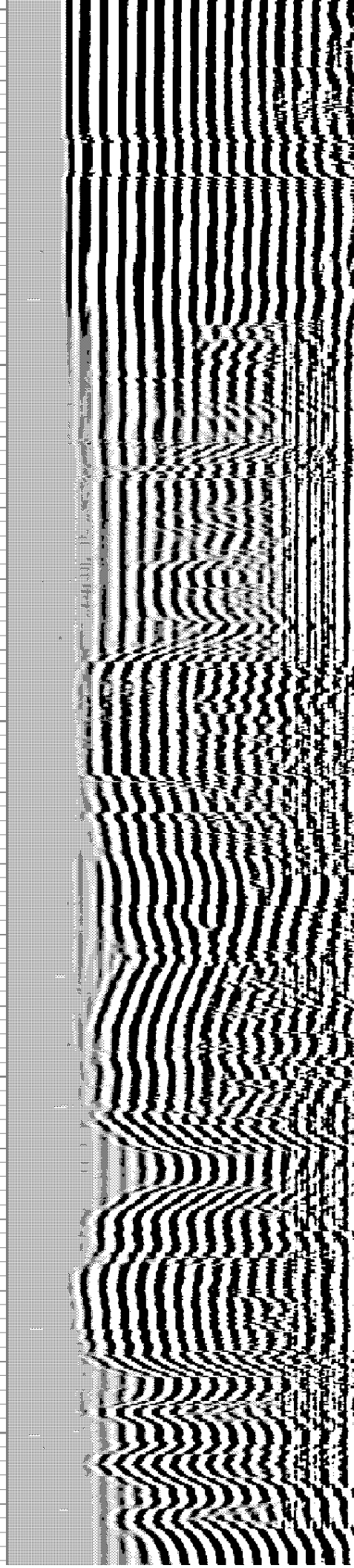
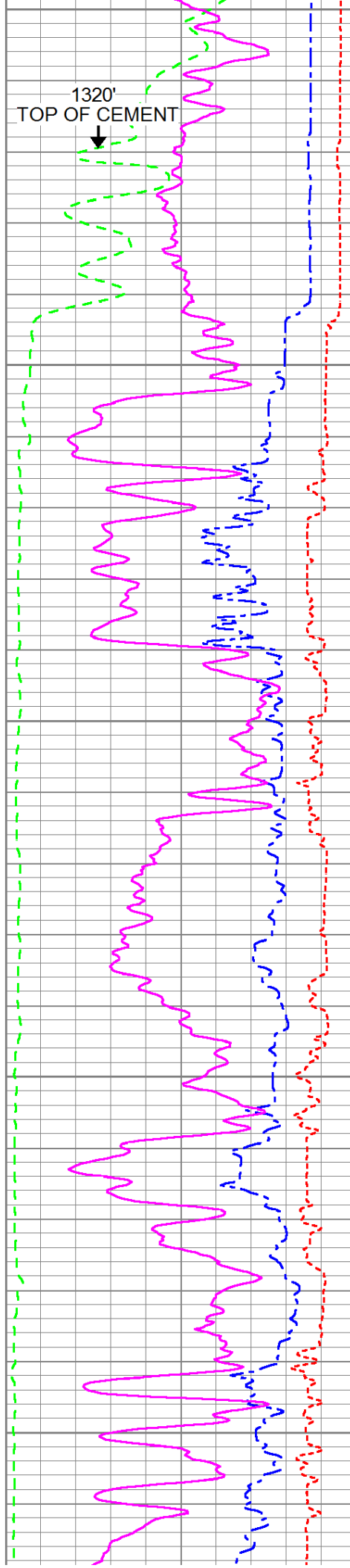
1320'  
TOP OF CEMENT  
↓

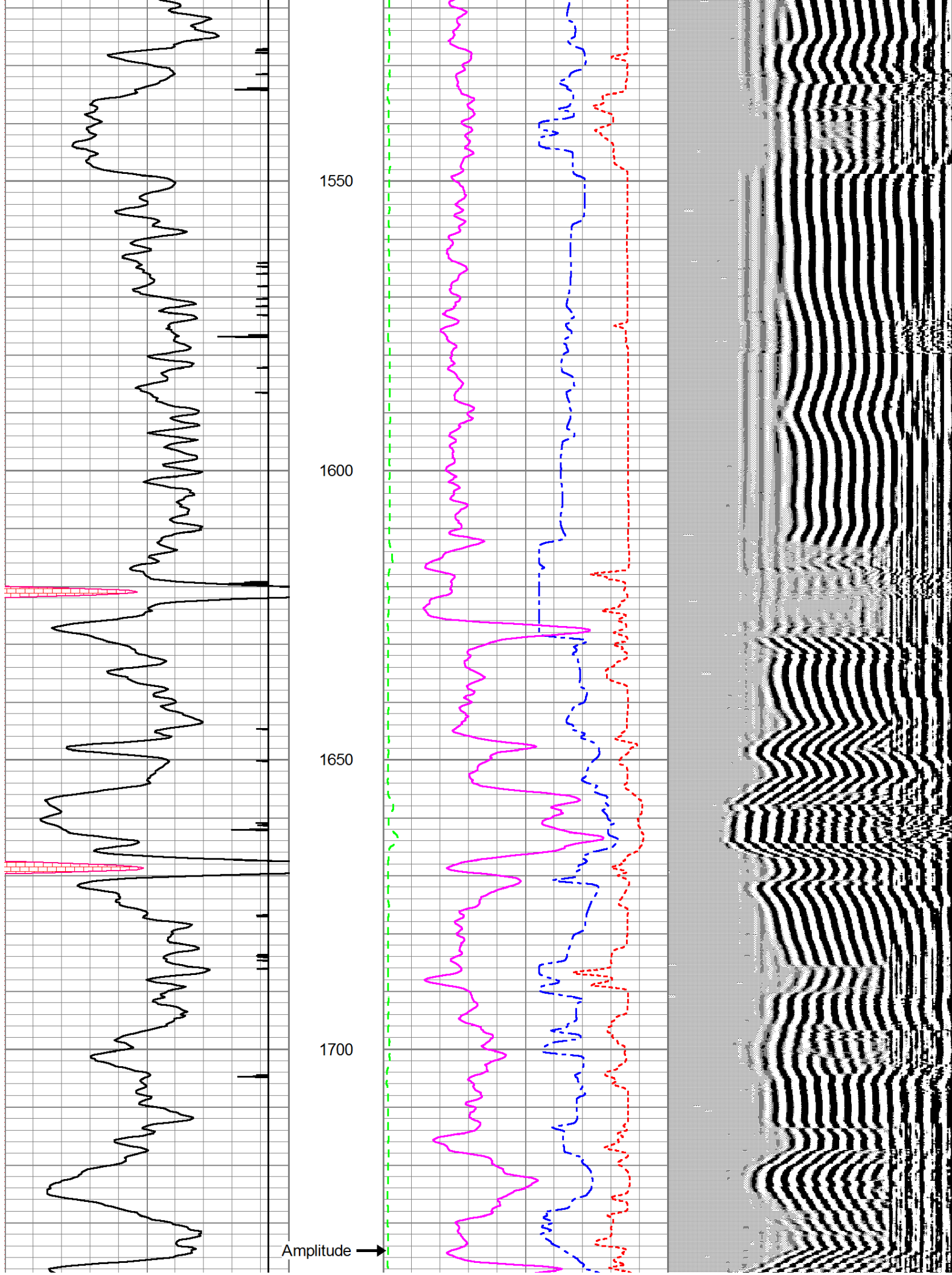
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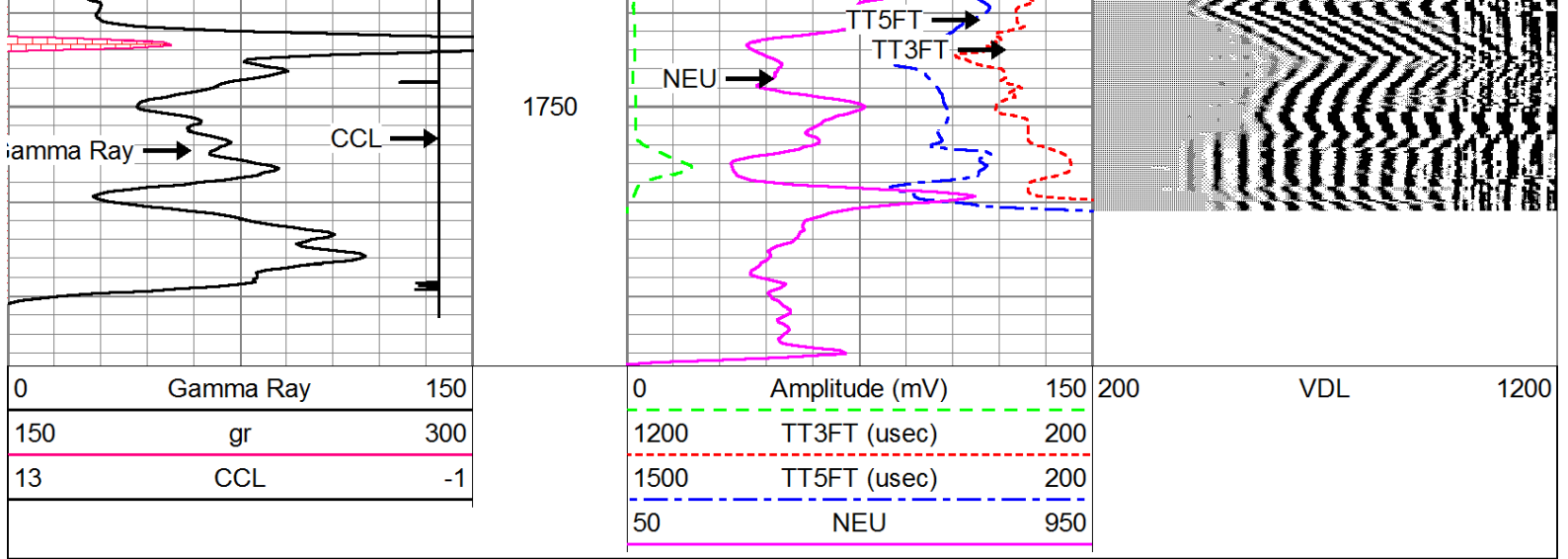
1400

1450

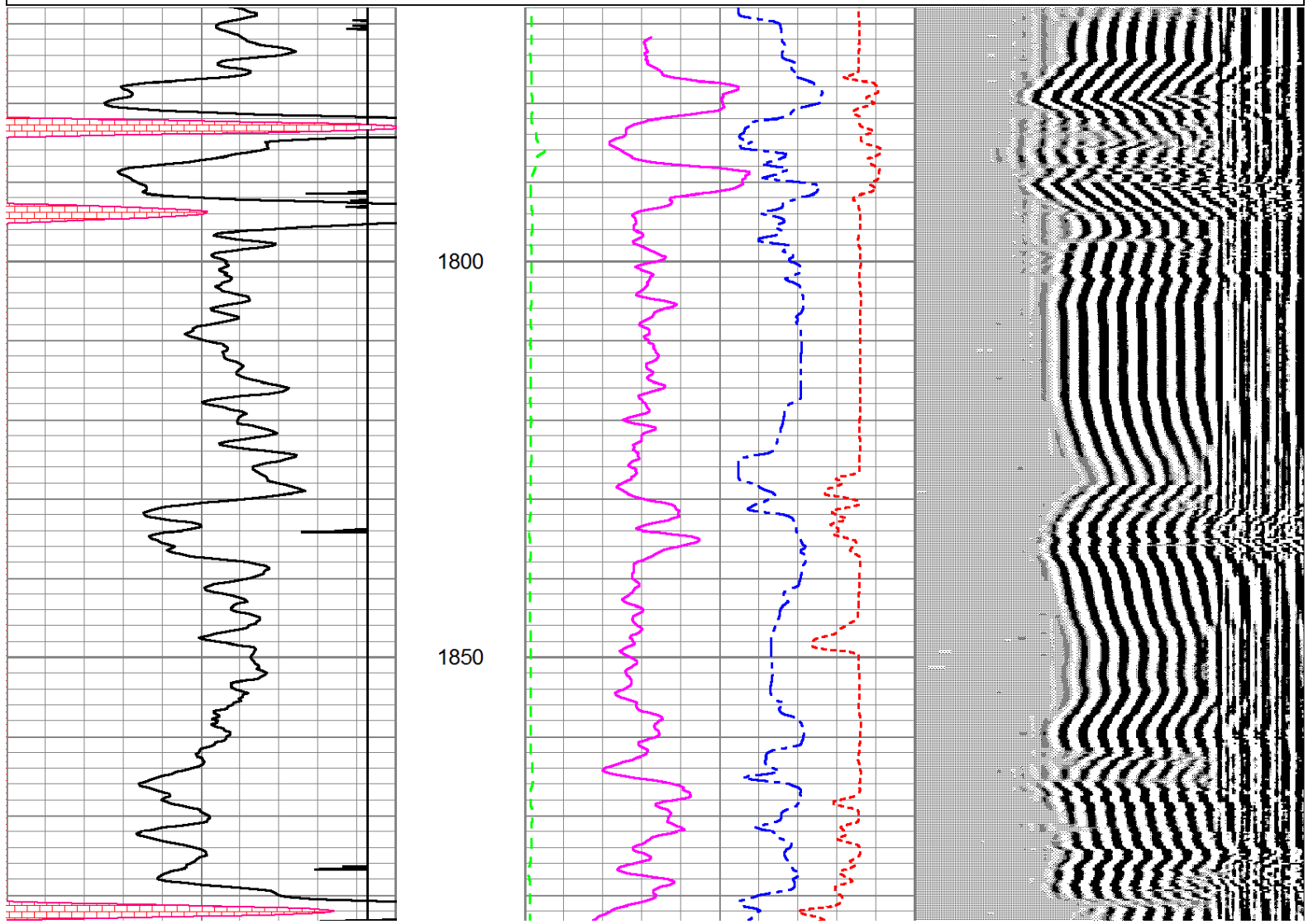
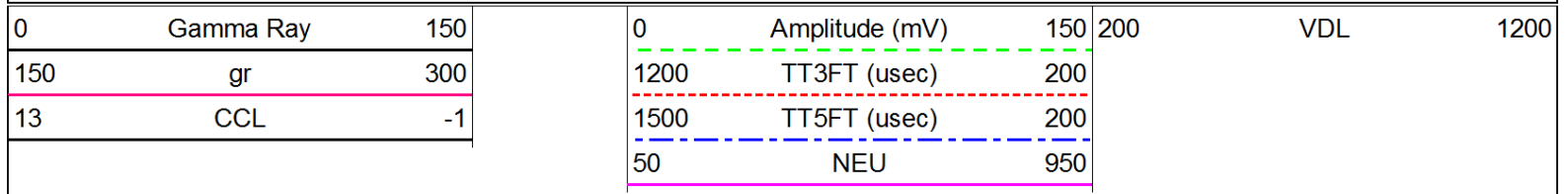
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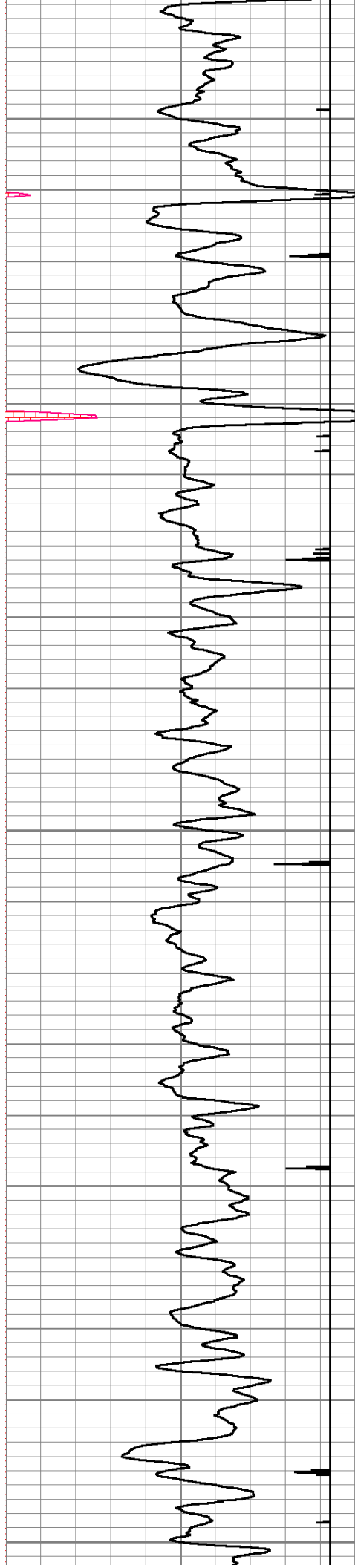






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 Presentation Format: scbl\_dr  
 Dataset Creation: Thu May 22 12:17:14 2014 by Log Std Casedhole 07122  
 Charted by: Depth in Feet scaled 1:240





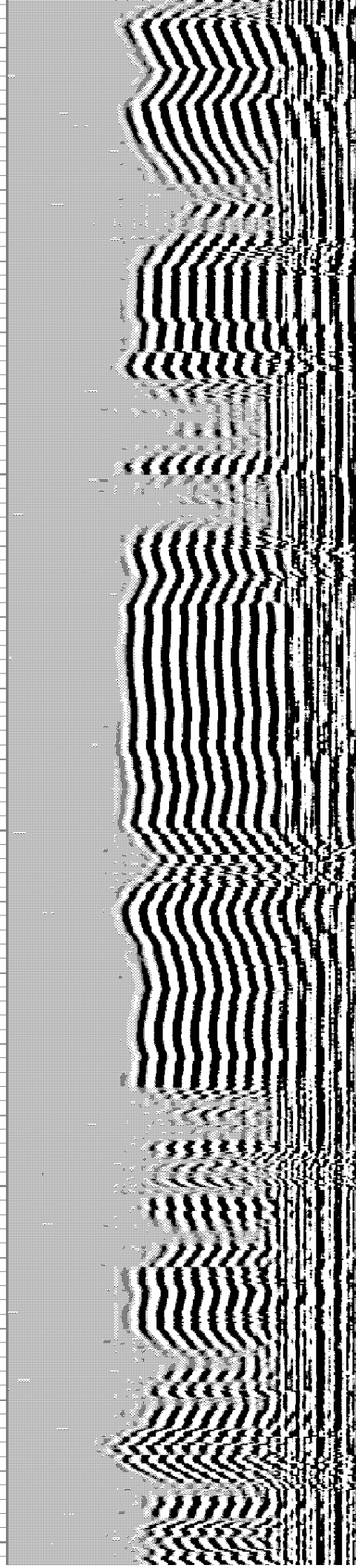
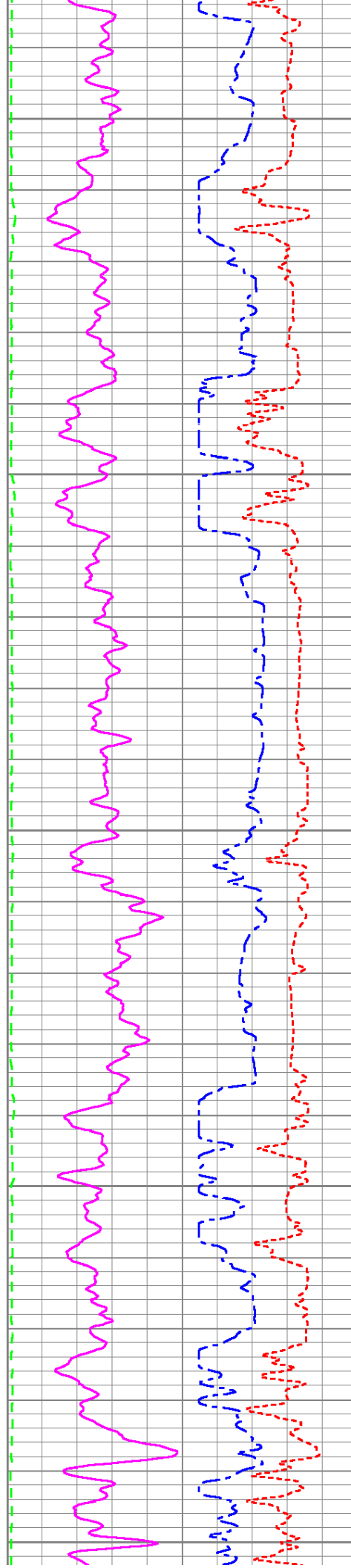
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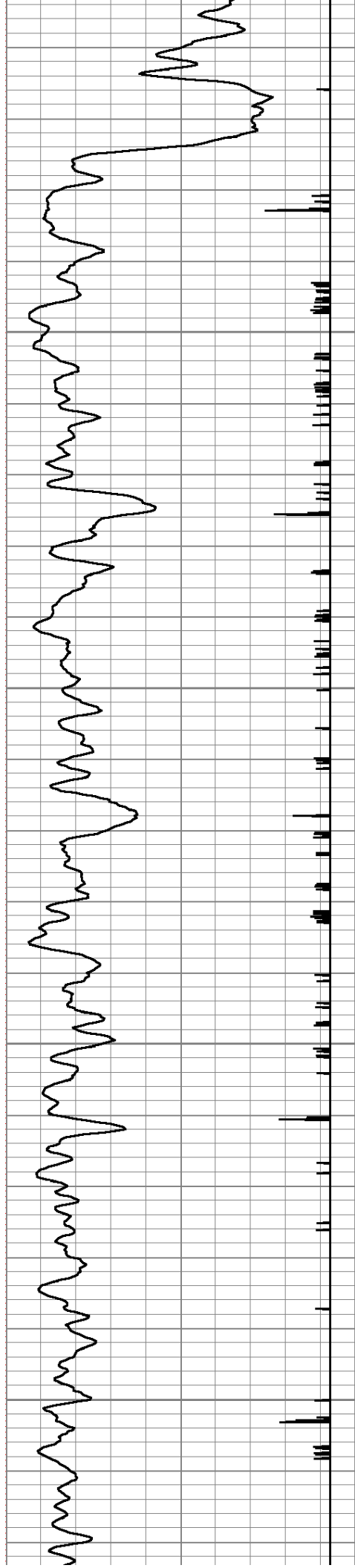
1950

2000

2050

2100



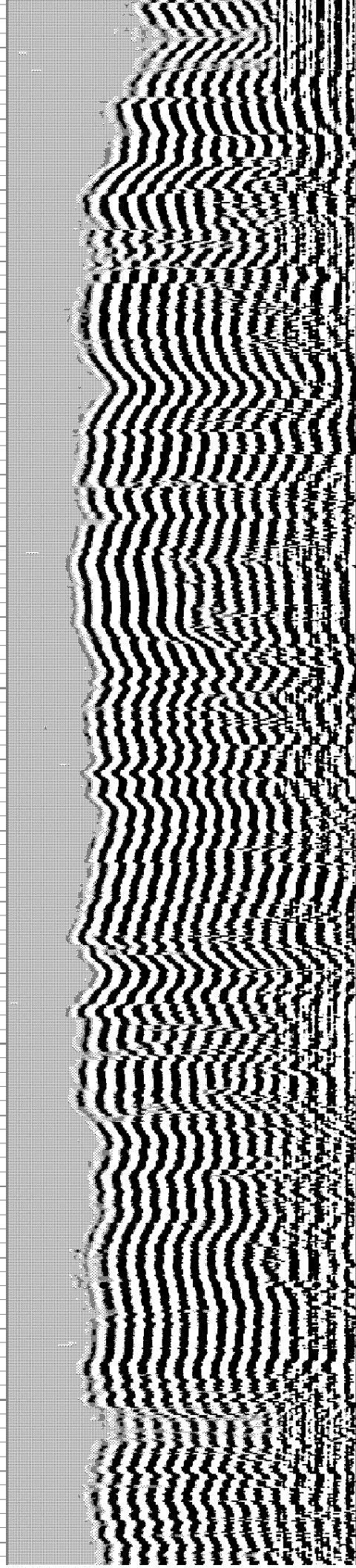
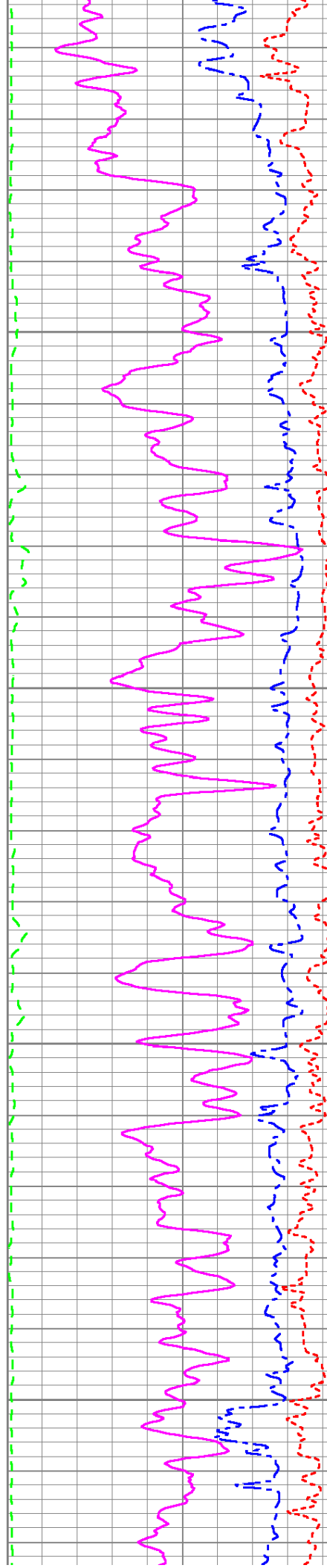


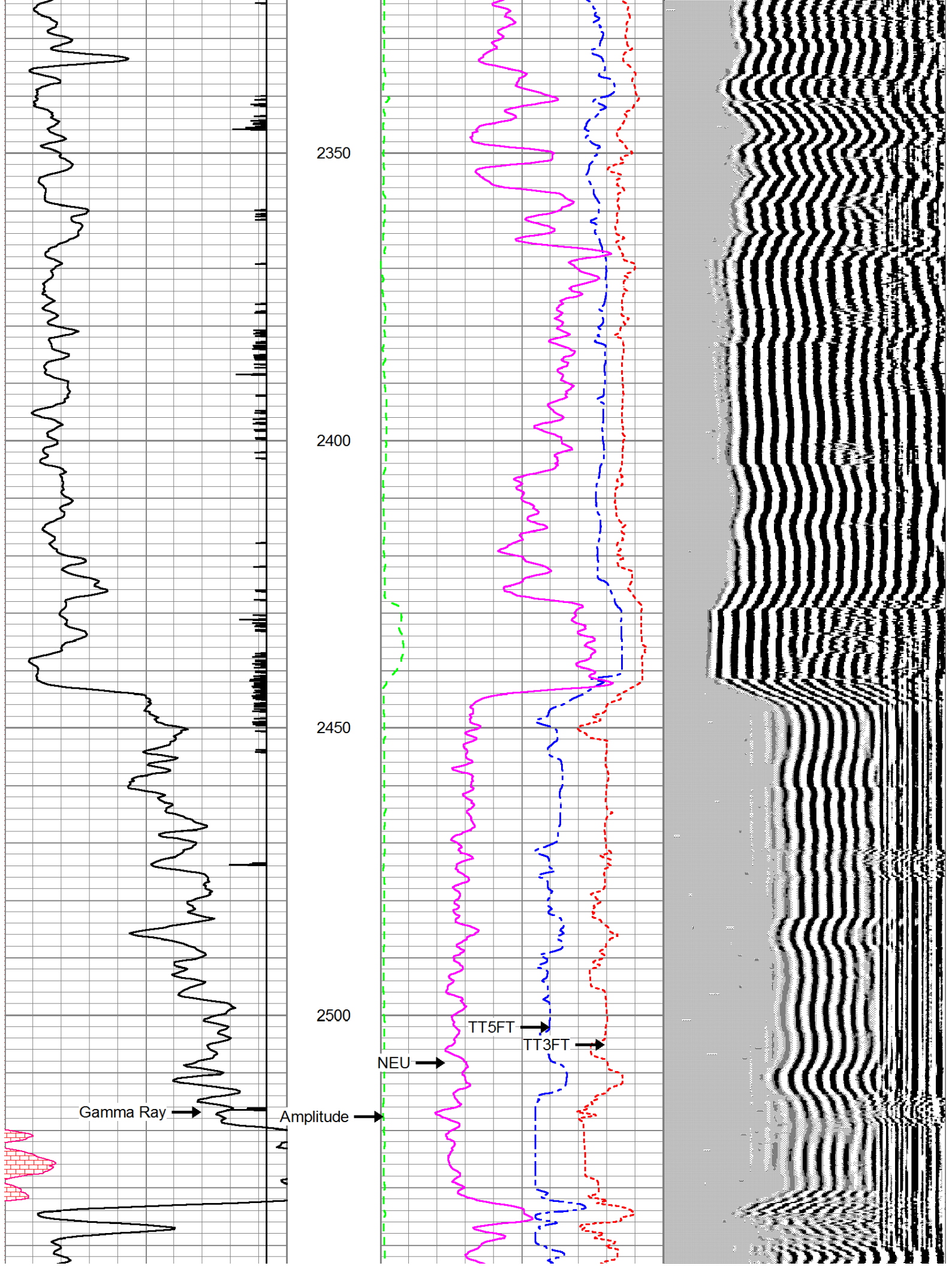
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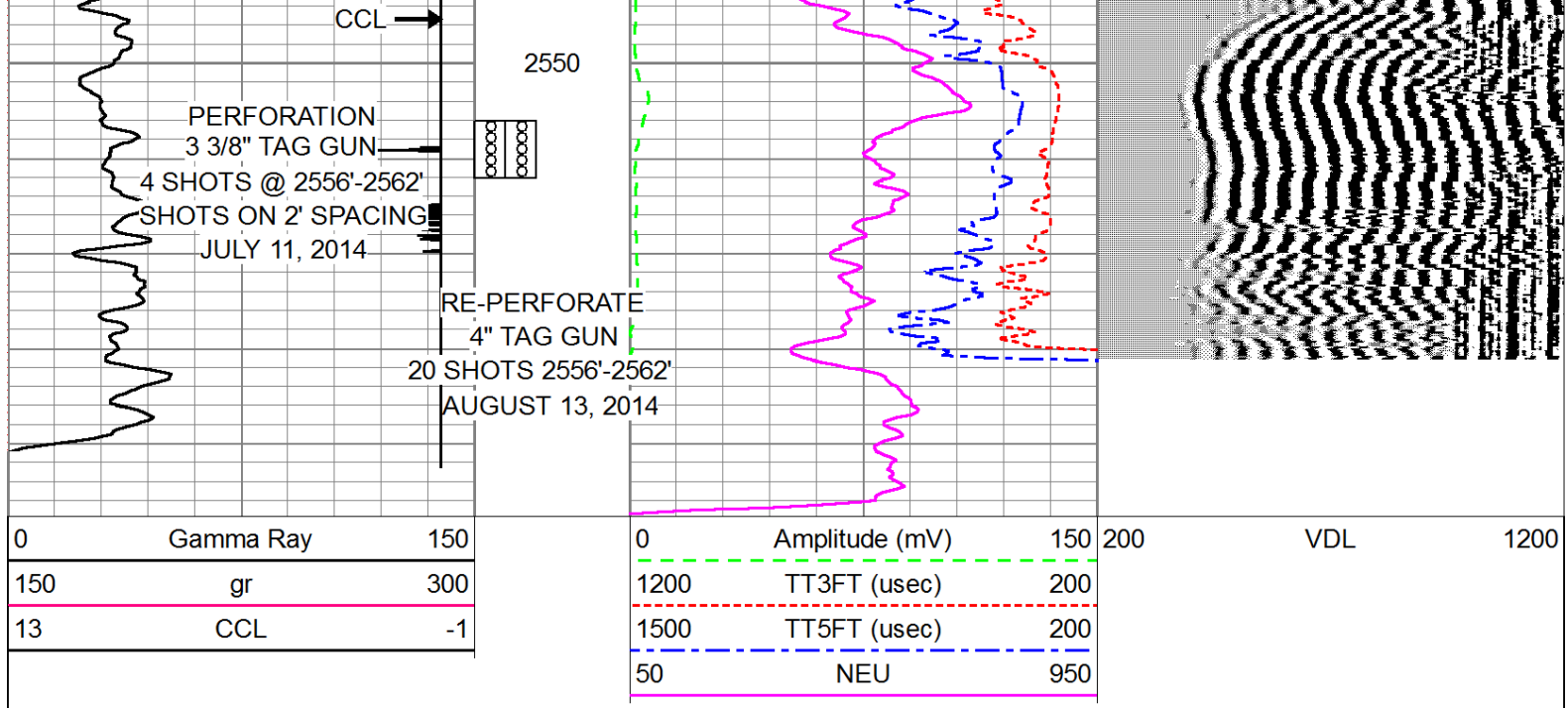
2200

2250

2300







|         |                           |         |                   |
|---------|---------------------------|---------|-------------------|
| Company | SCHANKIE WELL SERVICE INC |         |                   |
| Well    | STUEVE # 1                |         |                   |
| Field   | BRADFIELD                 |         |                   |
| County  | LYON                      | SEC. 14 | TWP. 21S RGE. 10E |
| State   | KANSAS                    | Date    | 5-22-2014         |