

|                                                                                                                                                                                     |                                                                                                                                             |                                                                                  |                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------|
|  <div style="display: inline-block; text-align: center;"> <b>Sonic Cement<br/>Bond Log</b> </div> |                                                                                                                                             |                                                                                  |                                |
| API No.                                                                                                                                                                             | Company <b>Chieftain Oil Company, Inc.</b><br>Well <b>Diel #6</b><br>Field <b>Roundup South</b><br>County <b>Barber</b> State <b>Kansas</b> |                                                                                  |                                |
| 15-00724245                                                                                                                                                                         | Location                                                                                                                                    | NW - SE - SE - NW<br>3058' FSL & 2996' FEL<br>Sec: 3      Twp: 34S      Rge: 11W | Other Services<br>Mast Trailer |
| Permanent Datum                                                                                                                                                                     | Ground Level                                                                                                                                | Elevation 1352                                                                   |                                |
| Log Measured From                                                                                                                                                                   | Kelly Bushing                                                                                                                               | 10 Ft. Above Perm. Datum                                                         |                                |
| Drilling Measured From                                                                                                                                                              | Kelly Bushing                                                                                                                               | K.B. 1362<br>D.F. 1361<br>G.L. 1352                                              |                                |
| Run Number                                                                                                                                                                          | One                                                                                                                                         |                                                                                  |                                |
| Date Survey                                                                                                                                                                         | 10/29/2014                                                                                                                                  |                                                                                  |                                |
| Date Cementing                                                                                                                                                                      | 10/22/2014                                                                                                                                  |                                                                                  |                                |
| Type Cementing Operation                                                                                                                                                            | Primary                                                                                                                                     |                                                                                  |                                |
| Depth Driller                                                                                                                                                                       | 5165                                                                                                                                        |                                                                                  |                                |
| Depth Logger                                                                                                                                                                        | 5103                                                                                                                                        |                                                                                  |                                |
| Logged Interval                                                                                                                                                                     | 5102 to 3250                                                                                                                                |                                                                                  |                                |
| Casing Driller                                                                                                                                                                      | 5.5 @ TD                                                                                                                                    |                                                                                  |                                |
| Float Collar -- D.V. Tool                                                                                                                                                           | ////                                                                                                                                        |                                                                                  |                                |
| Squeeze Depth                                                                                                                                                                       | ////                                                                                                                                        |                                                                                  |                                |
| Amount & Type Cement                                                                                                                                                                | ////                                                                                                                                        |                                                                                  |                                |
| Amount & Type Admix                                                                                                                                                                 | ////                                                                                                                                        |                                                                                  |                                |
| Type Fluid In Hole                                                                                                                                                                  | Water                                                                                                                                       |                                                                                  |                                |
| Fluid Level                                                                                                                                                                         | Full                                                                                                                                        |                                                                                  |                                |
| Salinity PPM CL                                                                                                                                                                     | ////                                                                                                                                        |                                                                                  |                                |
| Weight lb/gal -- Vis.                                                                                                                                                               | ////                                                                                                                                        |                                                                                  |                                |
| Approx. Logged Cement Top                                                                                                                                                           | 3396                                                                                                                                        |                                                                                  |                                |
| Calculated Cement Top                                                                                                                                                               | ////                                                                                                                                        |                                                                                  |                                |
| Max. Hole Temperature                                                                                                                                                               | DIG02                                                                                                                                       |                                                                                  |                                |
| Tool No.                                                                                                                                                                            | 3-5                                                                                                                                         |                                                                                  |                                |
| Spacing Recorded                                                                                                                                                                    | 02                                                                                                                                          |                                                                                  |                                |
| Equipment -- Location                                                                                                                                                               | N. Schneider                                                                                                                                |                                                                                  |                                |
| Recorded By                                                                                                                                                                         | Ryan Moiz                                                                                                                                   |                                                                                  |                                |
| Witnessed By                                                                                                                                                                        |                                                                                                                                             |                                                                                  |                                |

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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 for using Excel Wireline (620) 388-5676

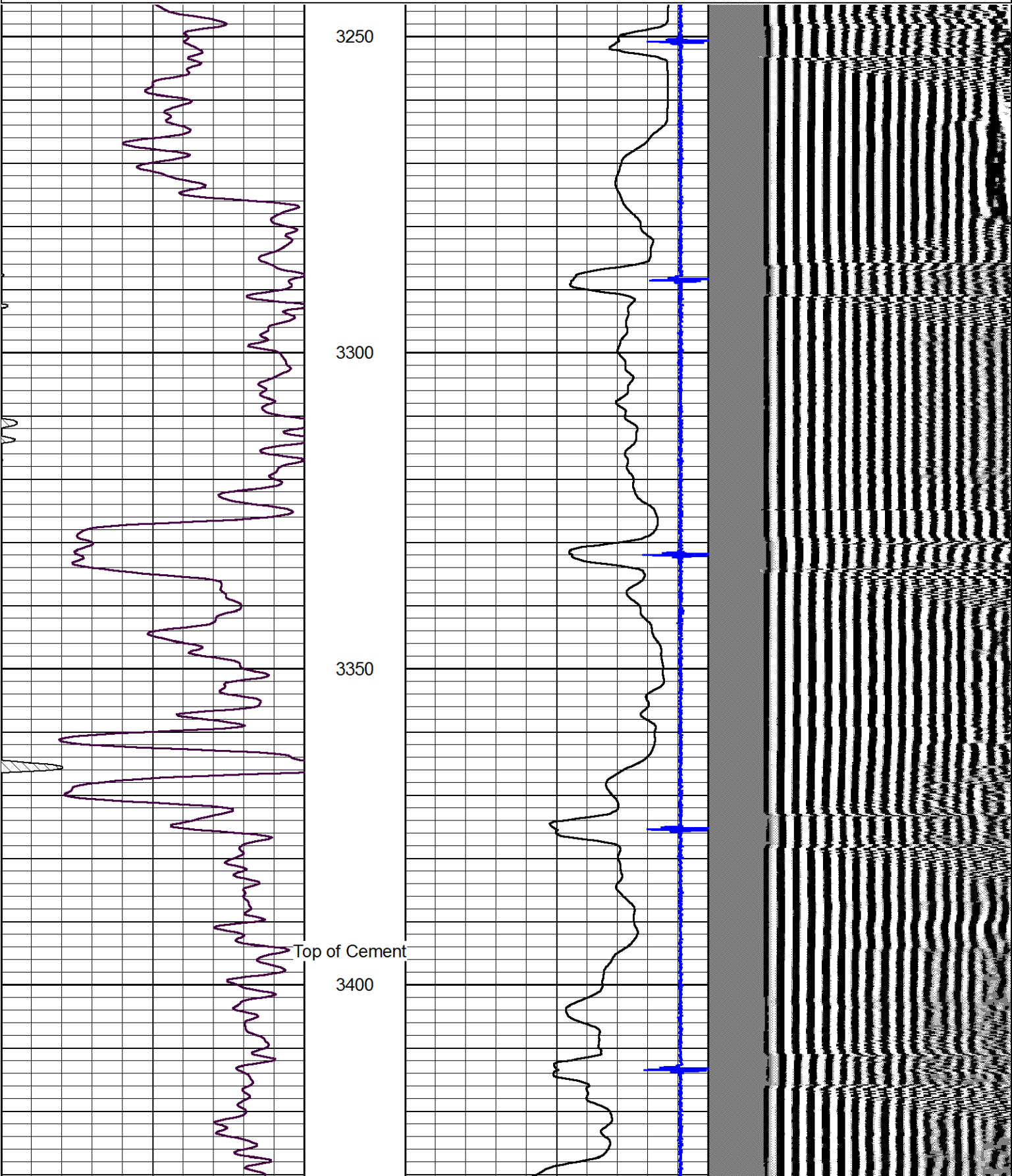
Medicine Lodge  
S to Gerlane  
6 3/10 E to Second Curve (Curve Heads East)  
S & W into

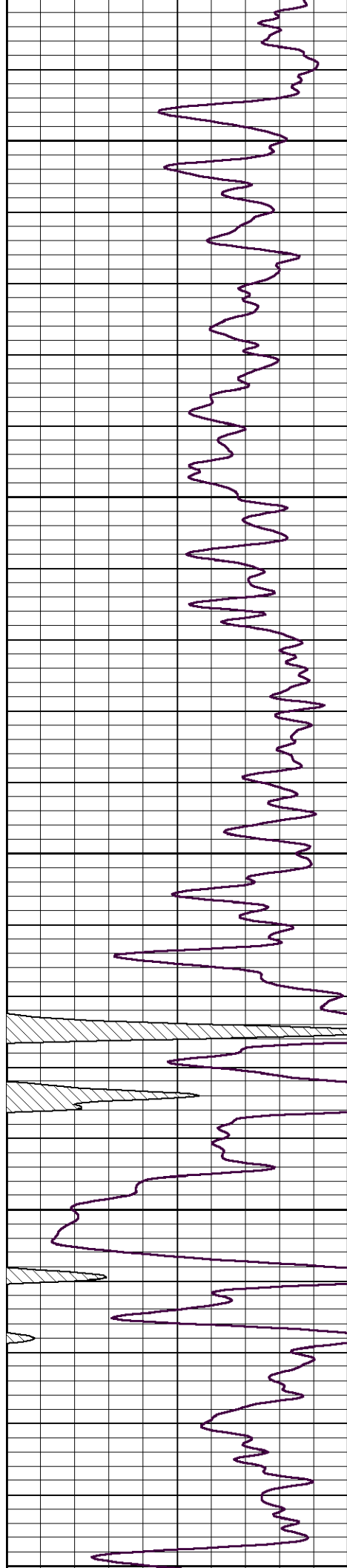


Main Pass

|                     |                            |
|---------------------|----------------------------|
| Database File       | chieftain_diel_6.db        |
| Dataset Pathname    | grcbl/pass4                |
| Presentation Format | cbldr                      |
| Dataset Creation    | Wed Oct 29 11:11:53 2014   |
| Charted by          | Depth in Feet scaled 1:240 |

|   |                  |     |         |   |                          |      |     |        |      |
|---|------------------|-----|---------|---|--------------------------|------|-----|--------|------|
| 0 | Gamma Ray (GAPI) | 150 | amp3ft  | 3 | Casing Collars           | -0.3 | 200 | wvf5ft | 1200 |
|   |                  |     | (mV)    | 0 | Amplified Amplitude (mV) | 100  |     |        |      |
|   |                  |     | -100 10 | 0 | Pipe Amplitude (mV)      | 20   |     |        |      |
|   |                  |     |         |   |                          |      |     |        |      |





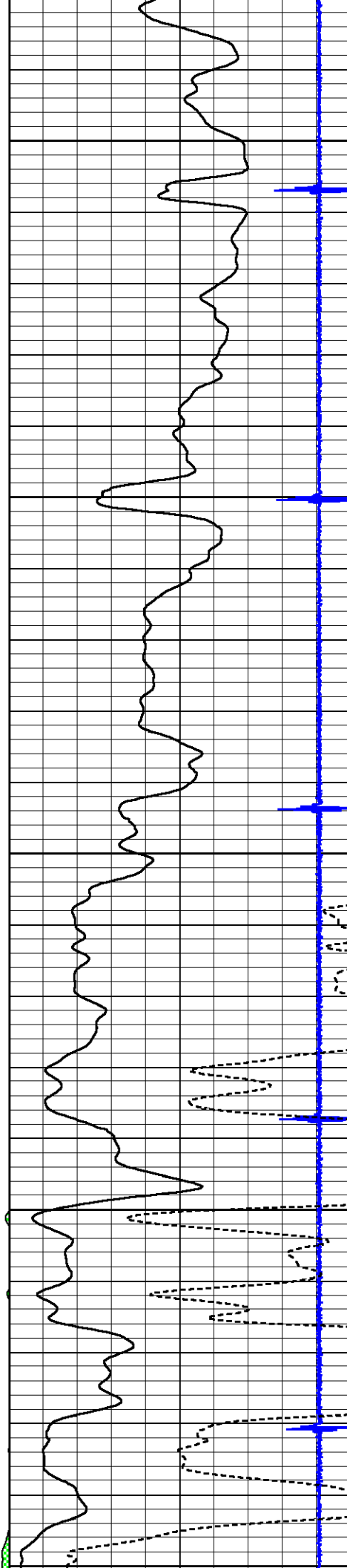
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3500

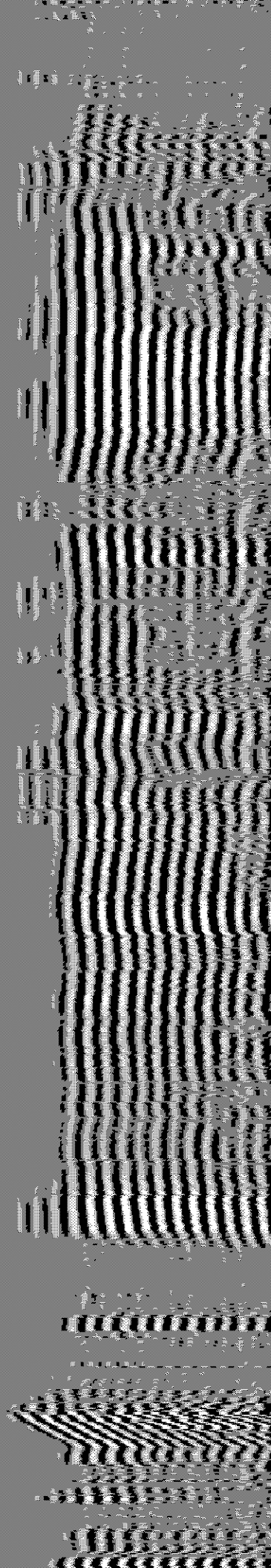
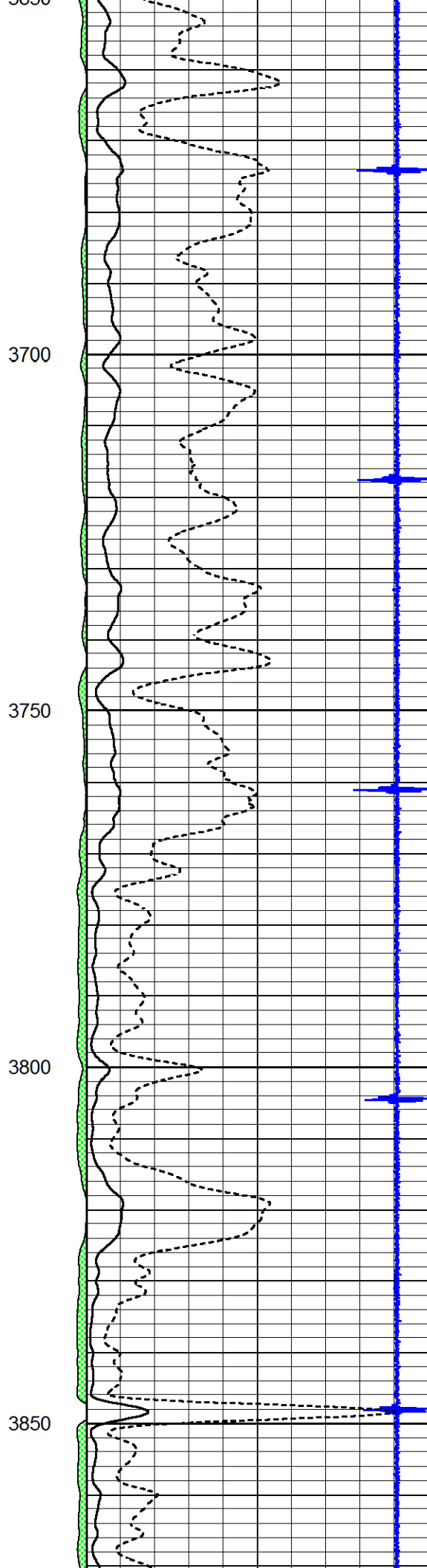
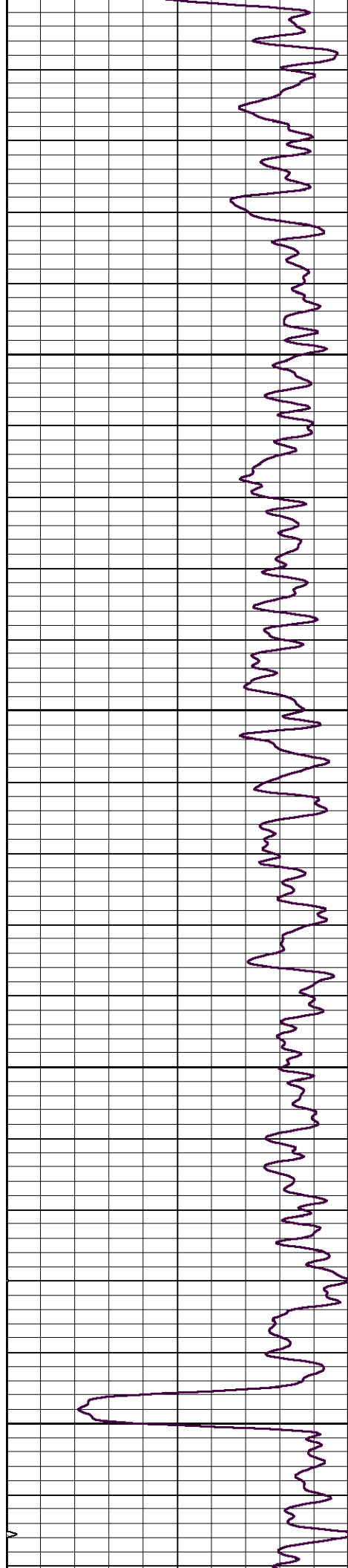
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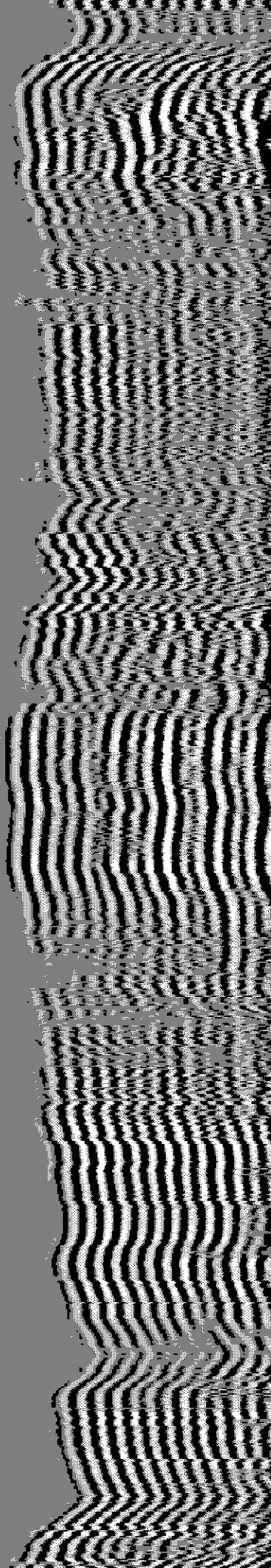
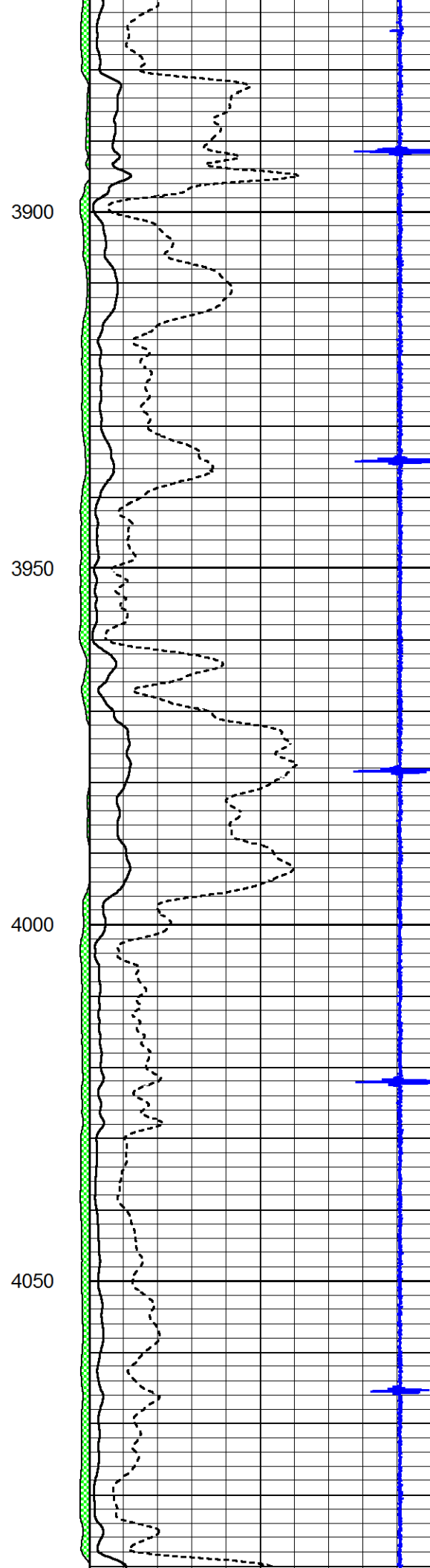
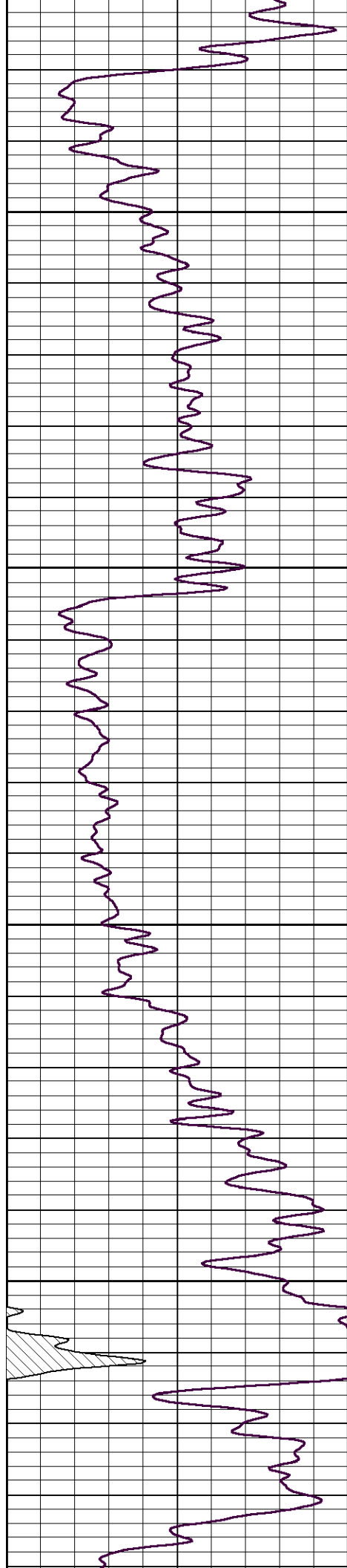
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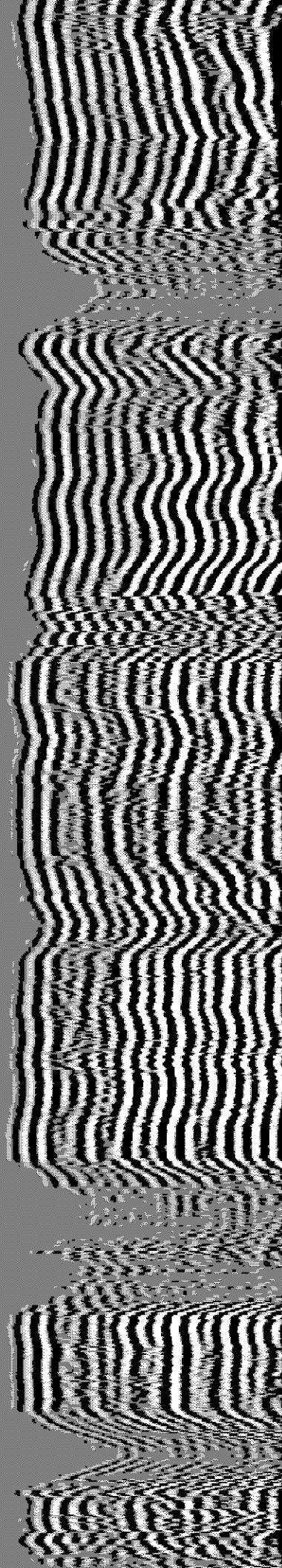
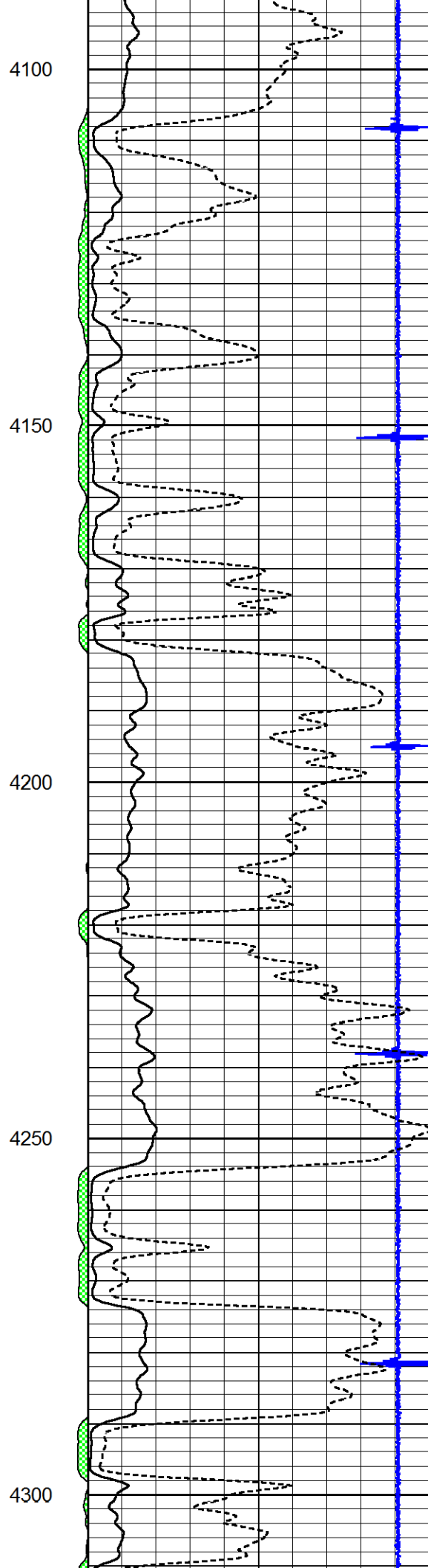
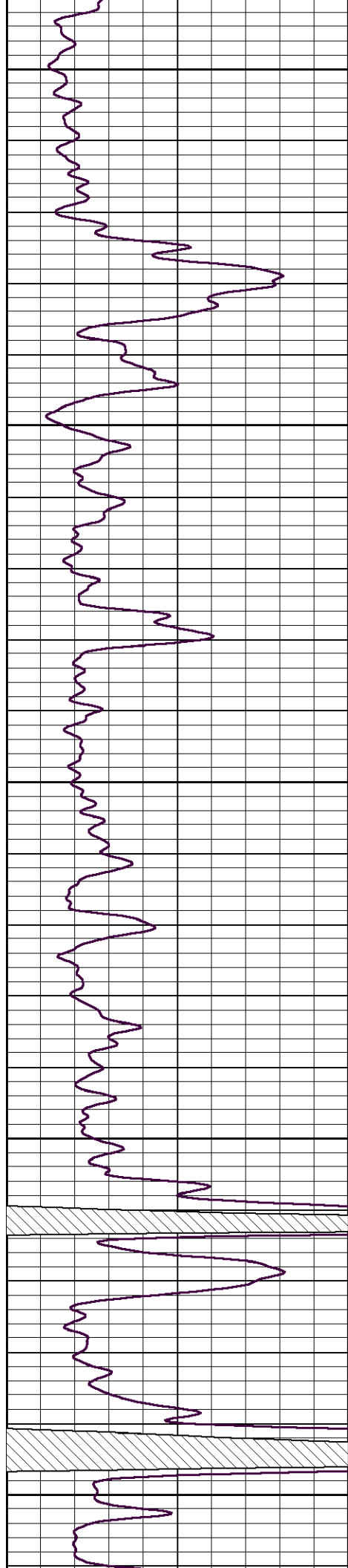
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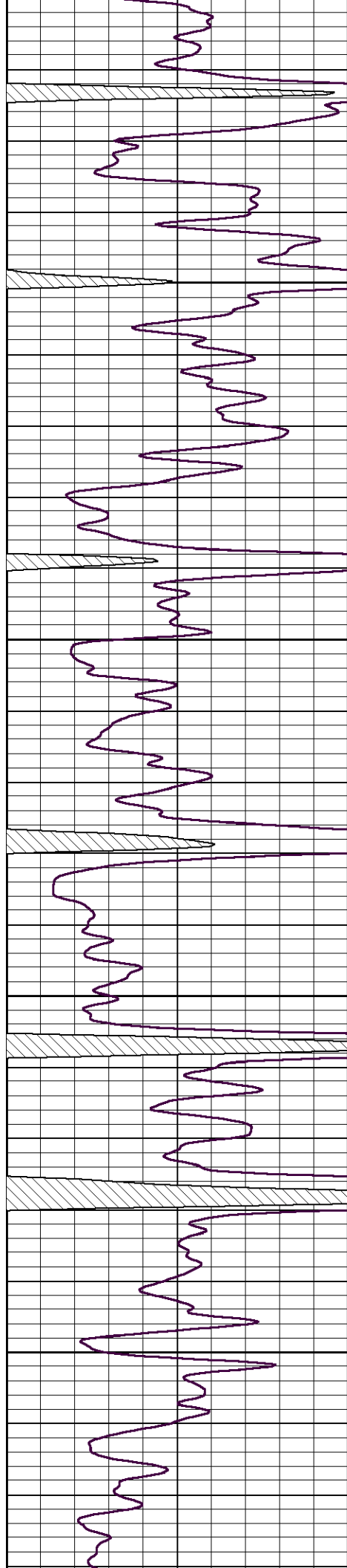


on 11/14







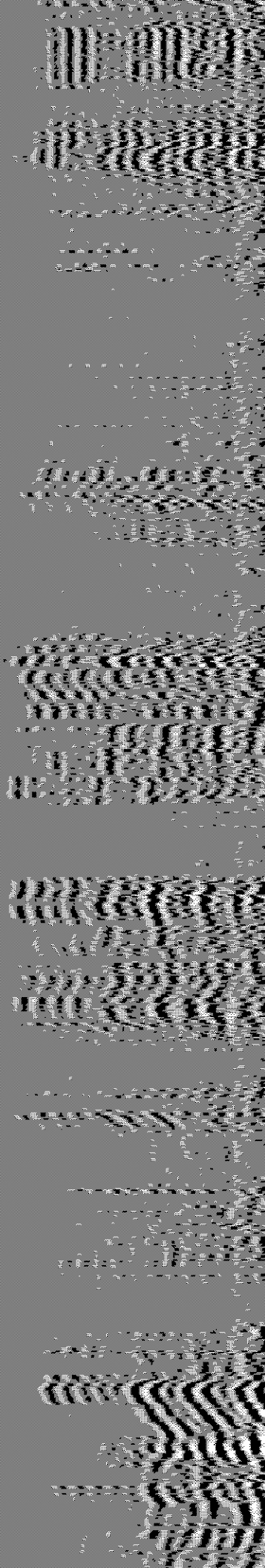
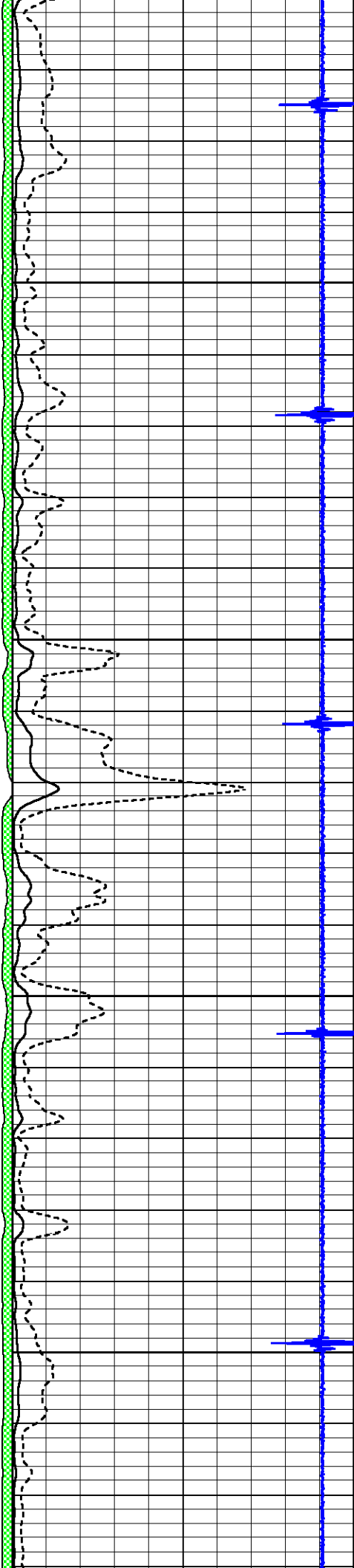


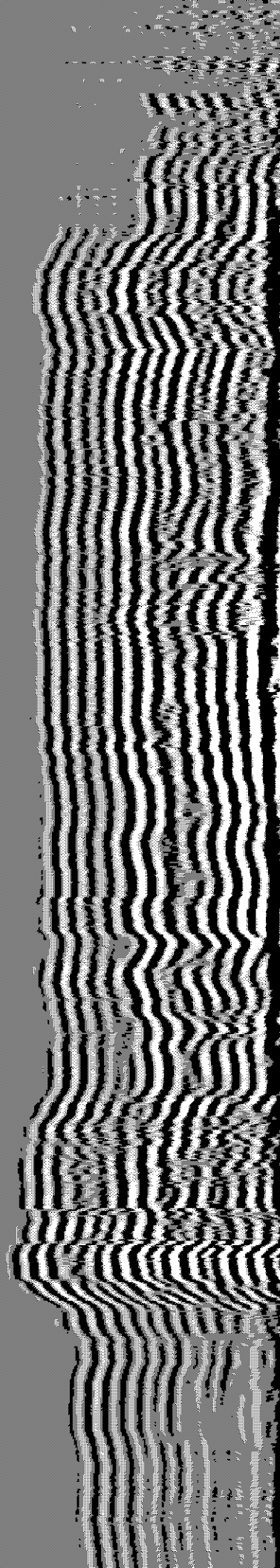
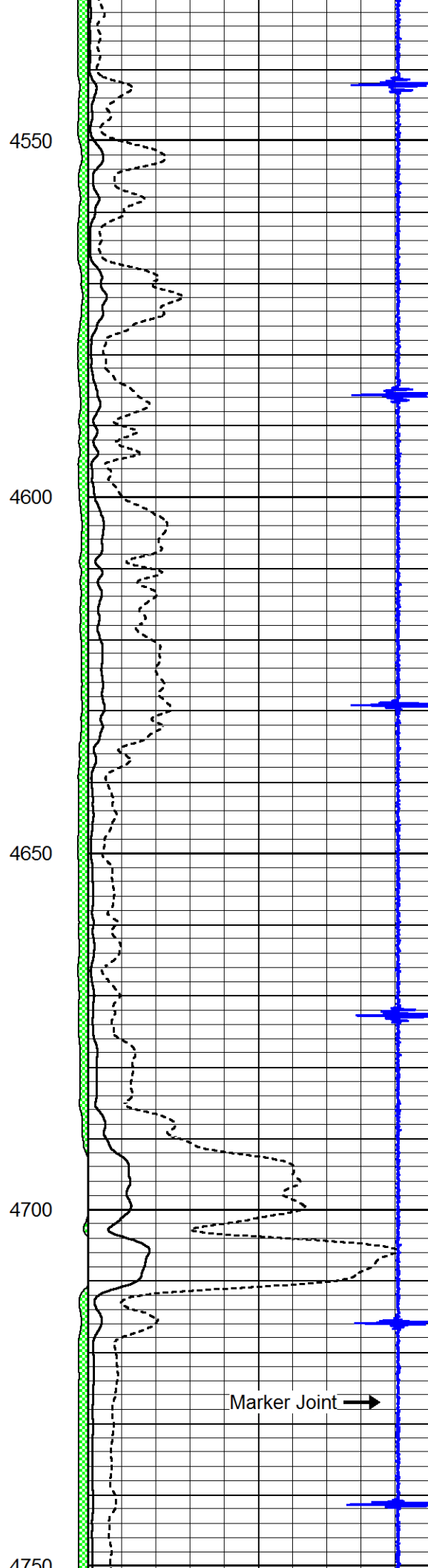
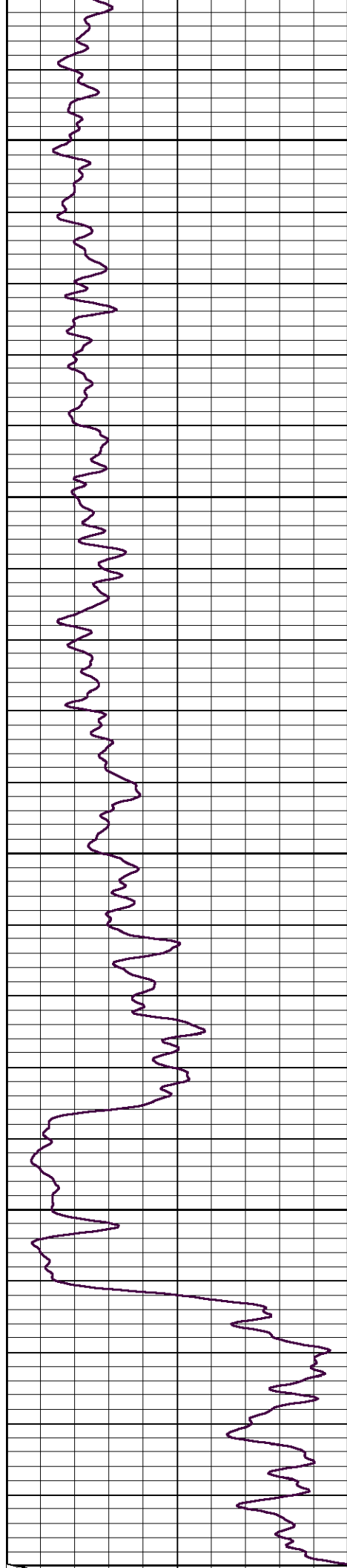
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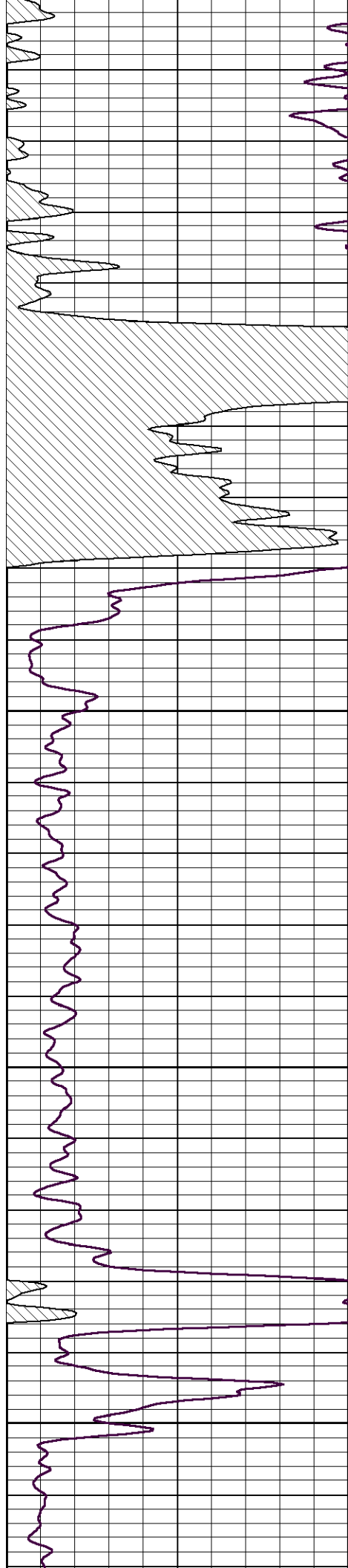
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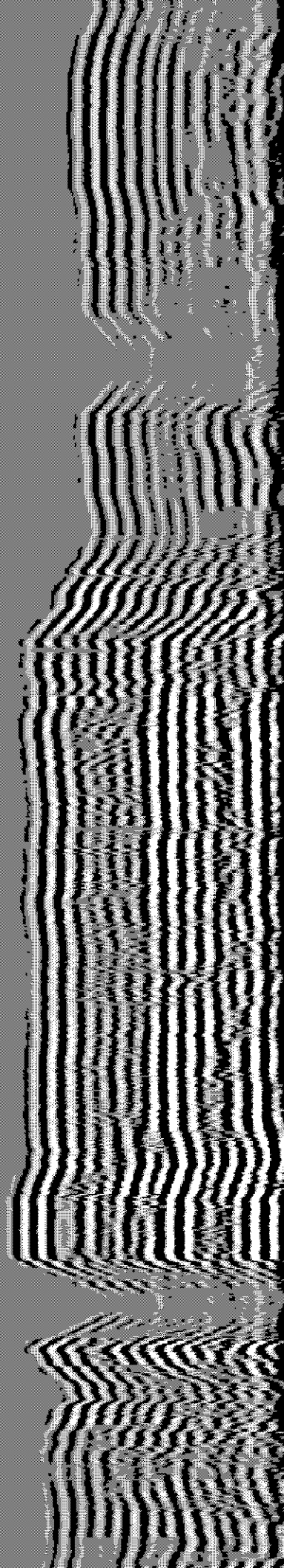
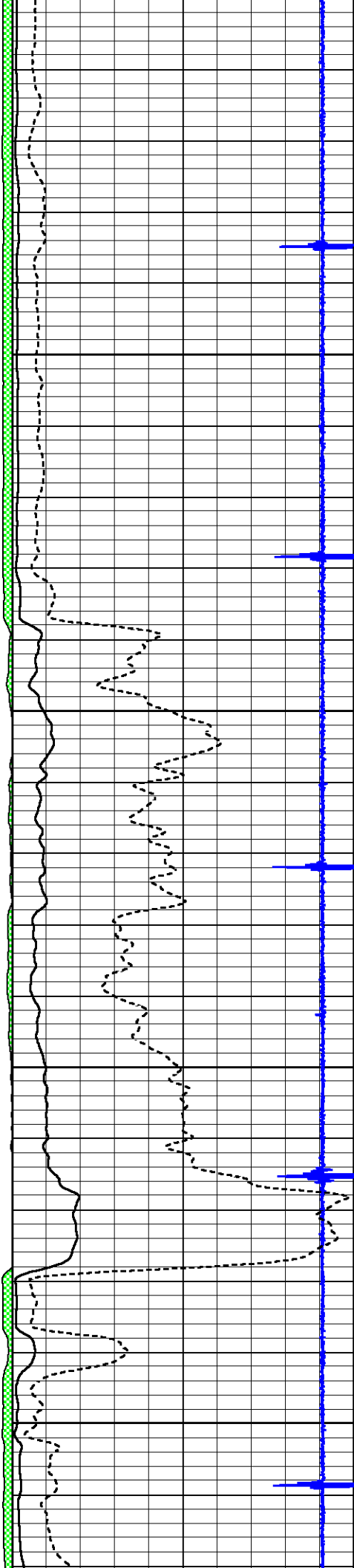
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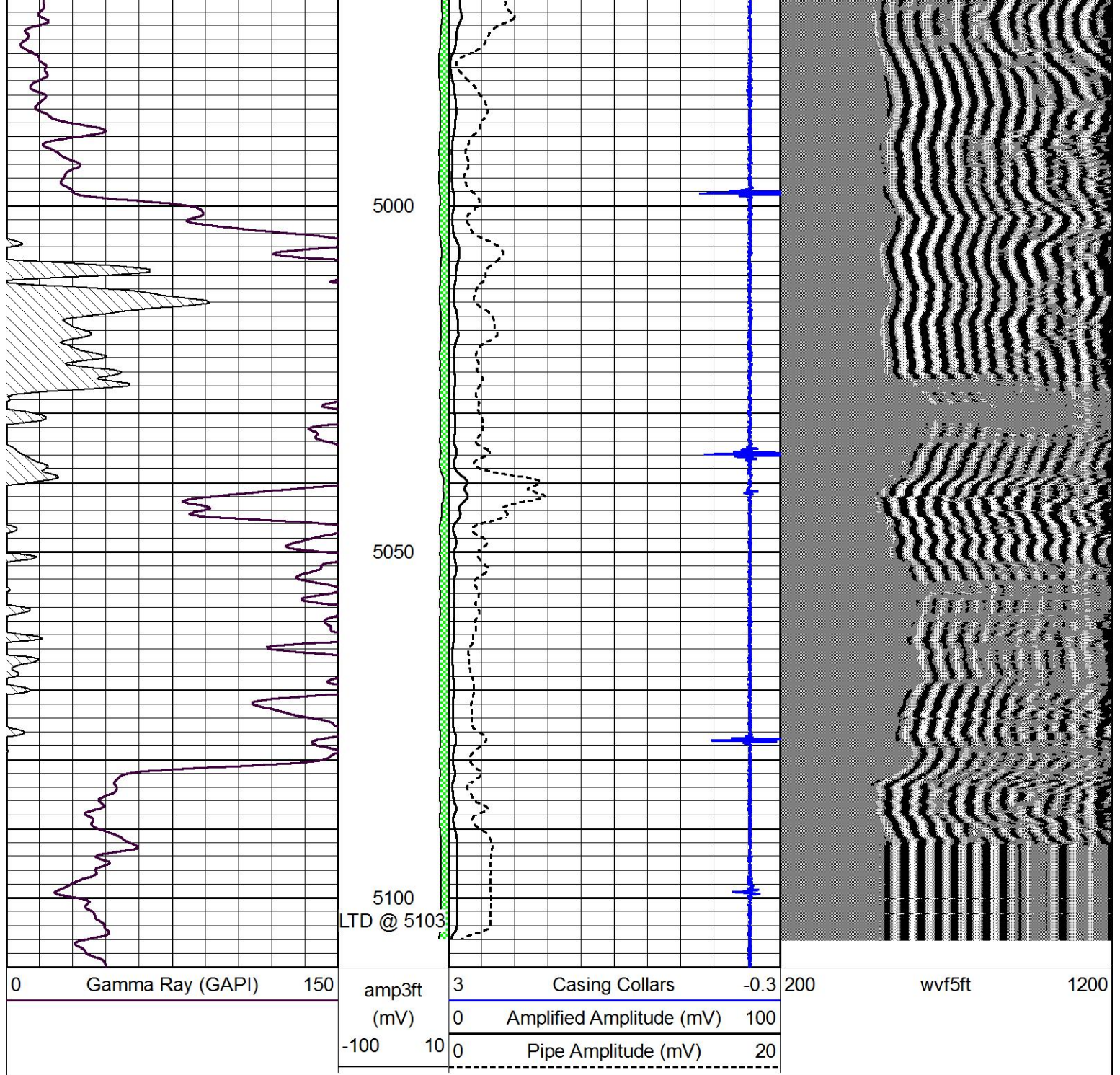






4750  
4800  
4850  
4900  
4950





## Repeat Section

Database File: chieftain\_diel\_6.db  
 Dataset Pathname: grcbl/pass3  
 Presentation Format: cbldr  
 Dataset Creation: Wed Oct 29 11:04:54 2014  
 Charted by: Depth in Feet scaled 1:240

