



# Sonic Cement Bond Log

Pioneer Energy Services

API No.

15-097-21793

Company McCoy Petroleum Corporation  
Well Yohn ' A ' 1-26  
Field Alford South  
County Kiowa State Kansas

Location

330' FNL & 660' FWL

Sec: 26 Twp: 30S Rge: 19W

Other Services

Fast Mast

Permanent Datum Ground Level Elevation 2220

Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing K.B. 2233  
D.F. 2231  
G.L. 2220

Run Number

One

Date Survey 7/11/2014

Date Cementing 6/26/2014

Type Cementing Operation Primary

Depth Driller 5200

Depth Logger 5144

Logged Interval 5144 to 3765

Casing Driller 5.5 @ TD @

Float Collar -- D.V. Tool 5.5 @ TD

Squeeze Depth 5.5 @ TD

Amount & Type Cement 5.5 @ TD

Amount & Type Admix 5.5 @ TD

Type Fluid In Hole Water

Fluid Level Full

Salinity PPM CL 5.5 @ TD

Weight lb/gal -- Vis. 5.5 @ TD

Approx. Logged Cement Top 4004

Calculated Cement Top 4004

Max. Hole Temperature 113

Tool No. DBT 1-5

Spacing Recorded 3-5

Equipment -- Location 5 Pratt

Recorded By Craig Bates

Witnessed By Dave Ollar

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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

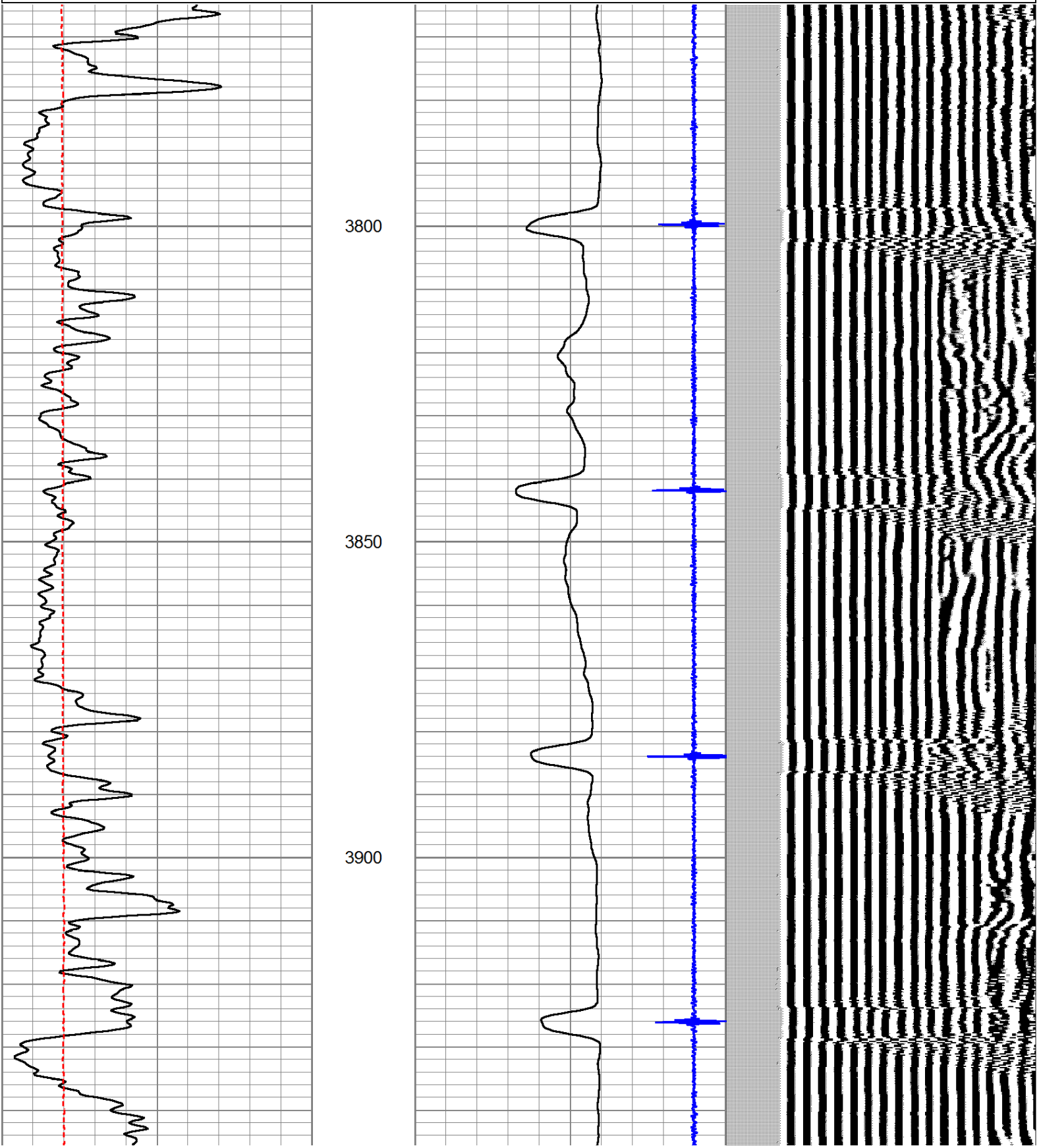
Thank you for using Pioneer Energy Services  
(620) 672-8300  
Greensburg Ks  
54&183 Hwy 10 S  
To T Rd 3 W to 21Rd  
2 1/2 S E into After TB

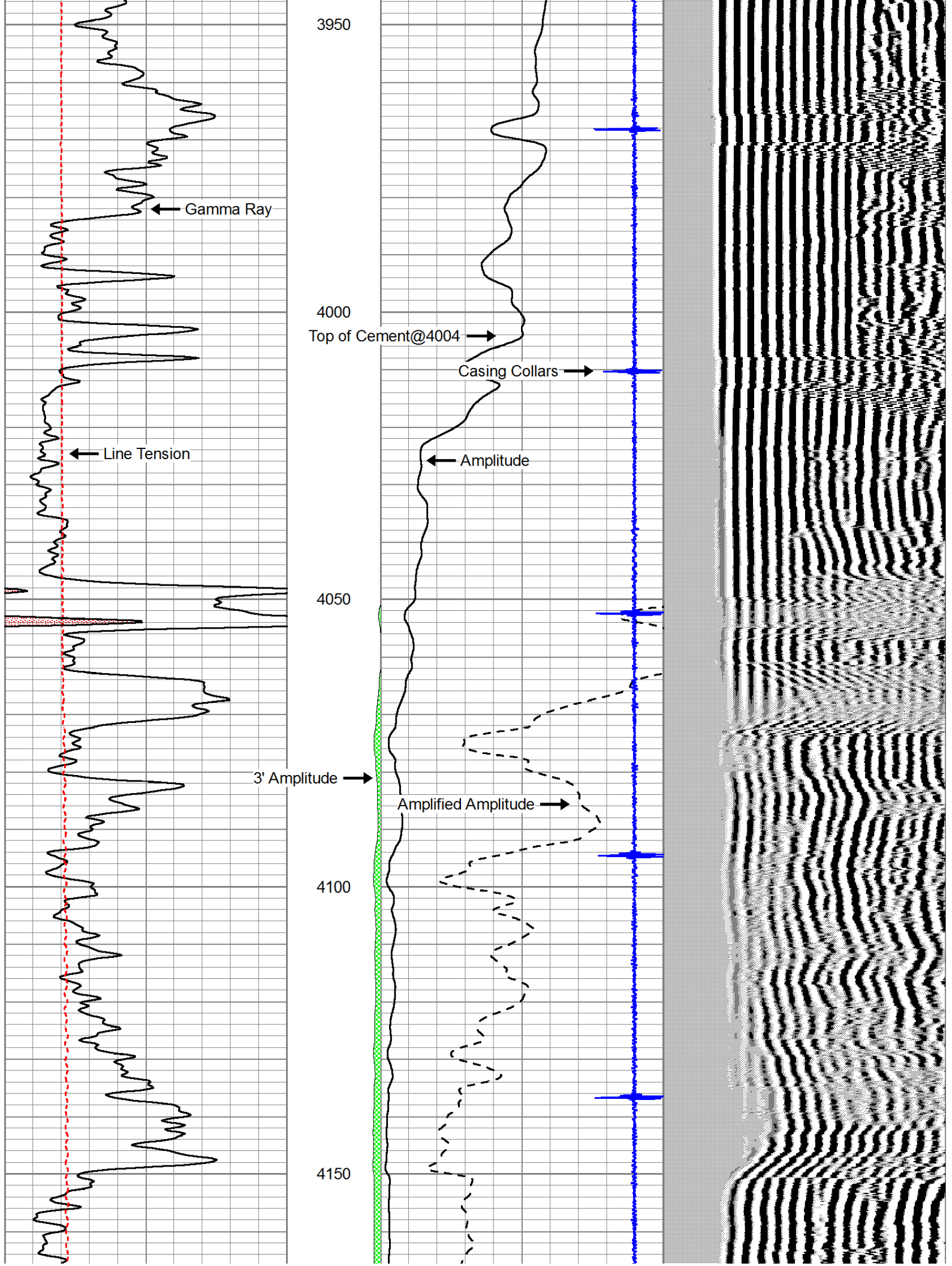


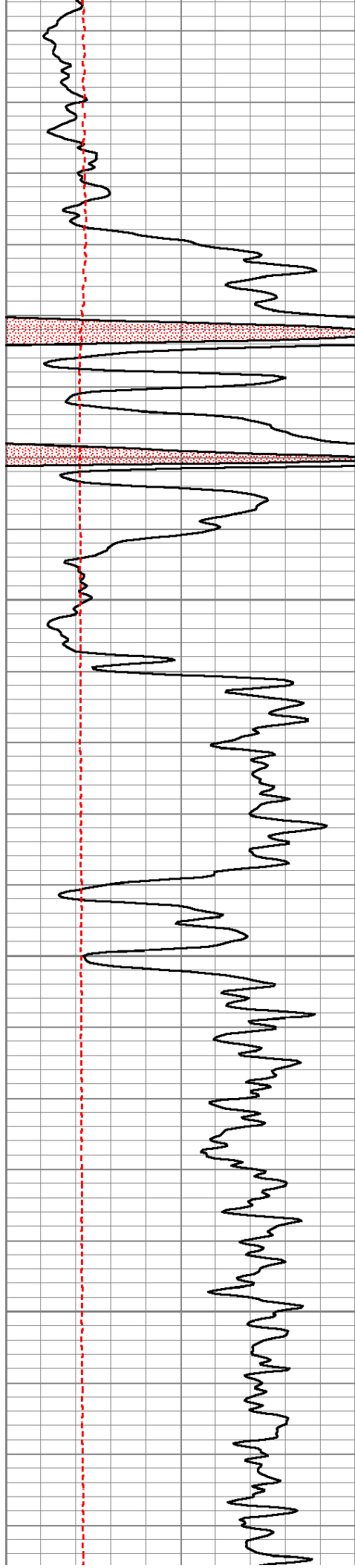
# Main Pass

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Dataset Pathname: grcbl/pass3  
Presentation Format: cbldig  
Dataset Creation: Fri Jul 11 11:03:34 2014 by Log 7.0 B1  
Charted by: Depth in Feet scaled 1:240

|   |                   |      |      |    |                          |                |      |                  |      |
|---|-------------------|------|------|----|--------------------------|----------------|------|------------------|------|
| 0 | GR (GAPI)         | 150  | AMP3 | 0  | Amplitude (mV)           | 100            | 200  | Variable Density | 1200 |
| 0 | Line Tension (lb) | 5000 | (mV) | 0  | Amplified Amplitude (mV) | 10             |      |                  |      |
|   |                   |      | -100 | 10 | 15                       | Collar Locator | -1.7 |                  |      |





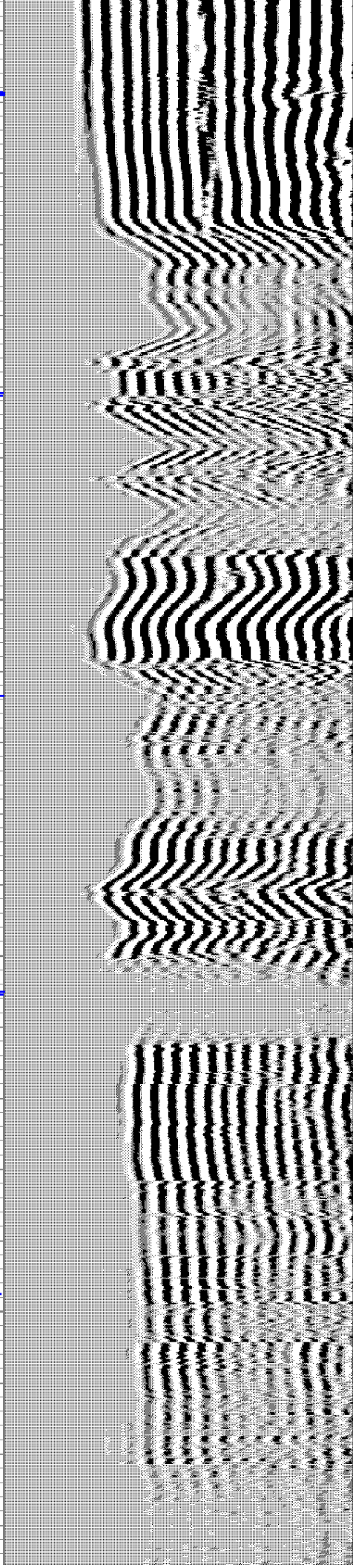
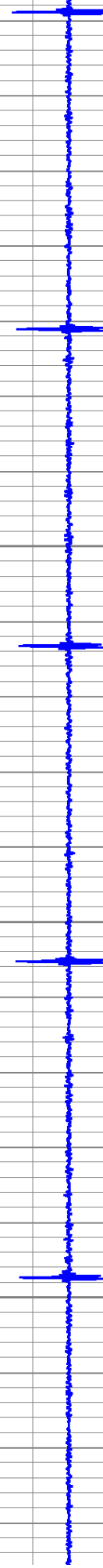


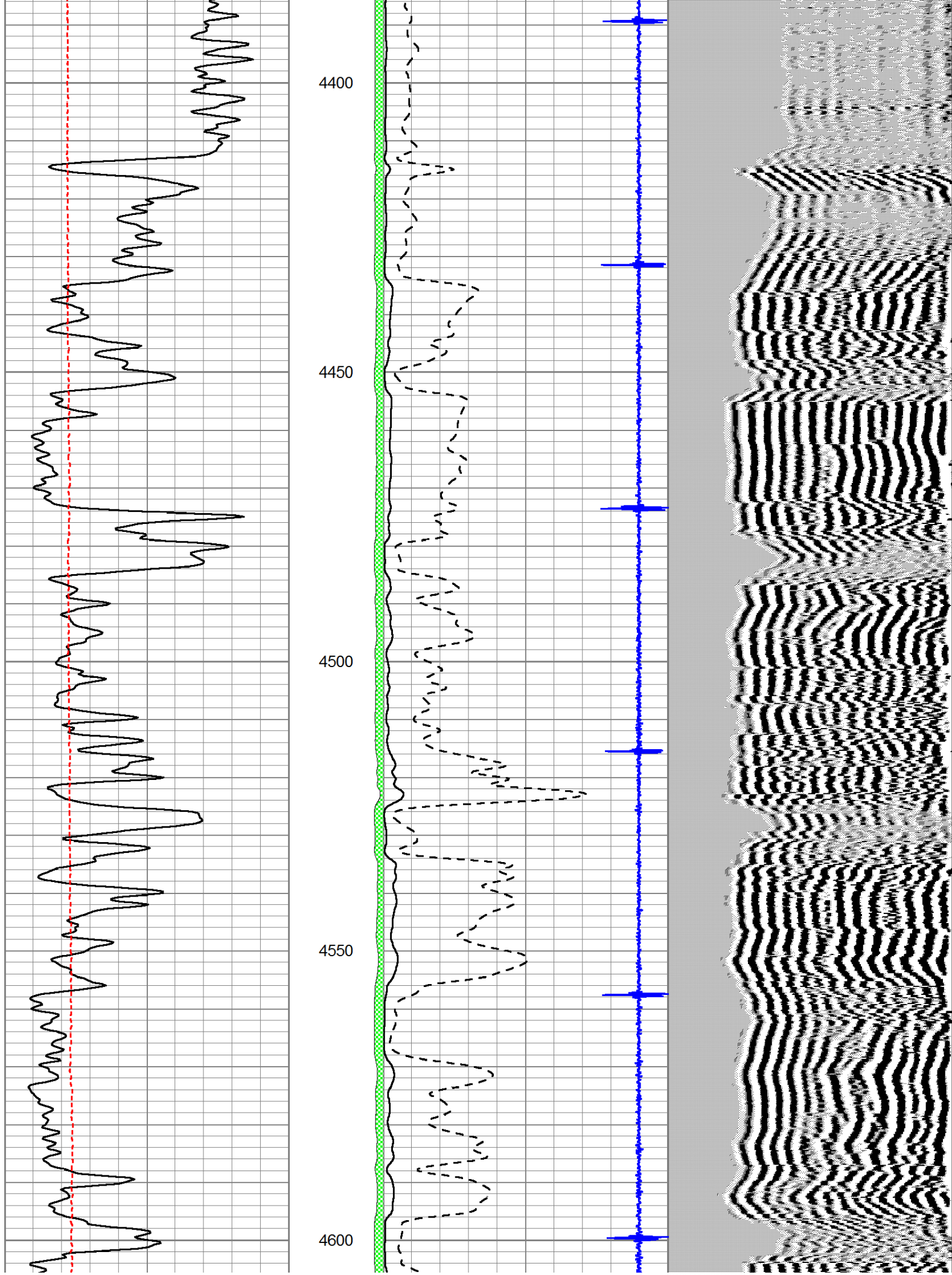
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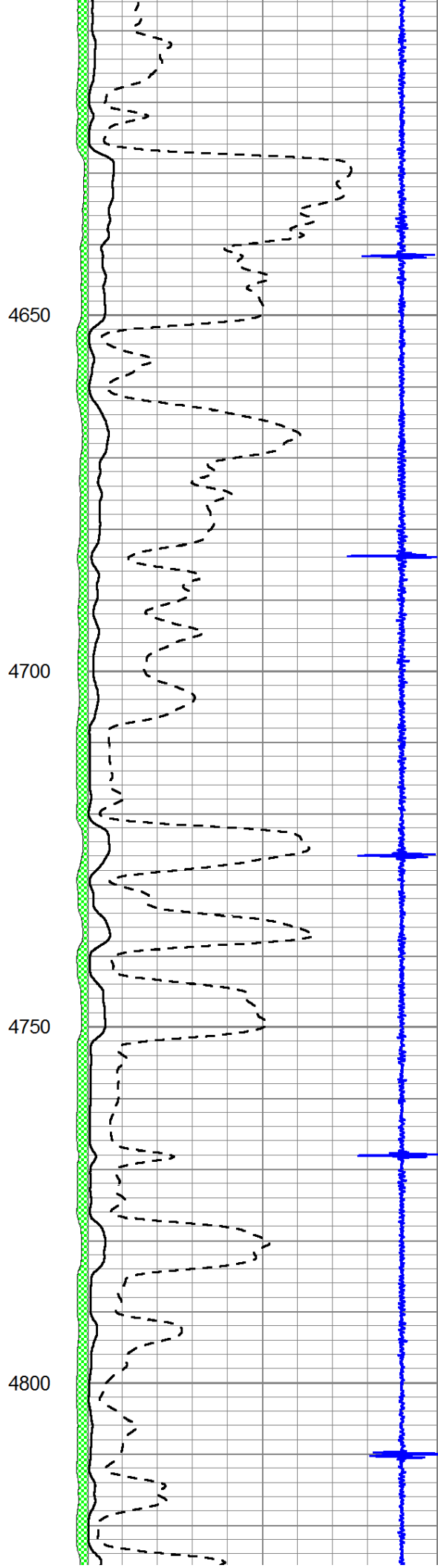
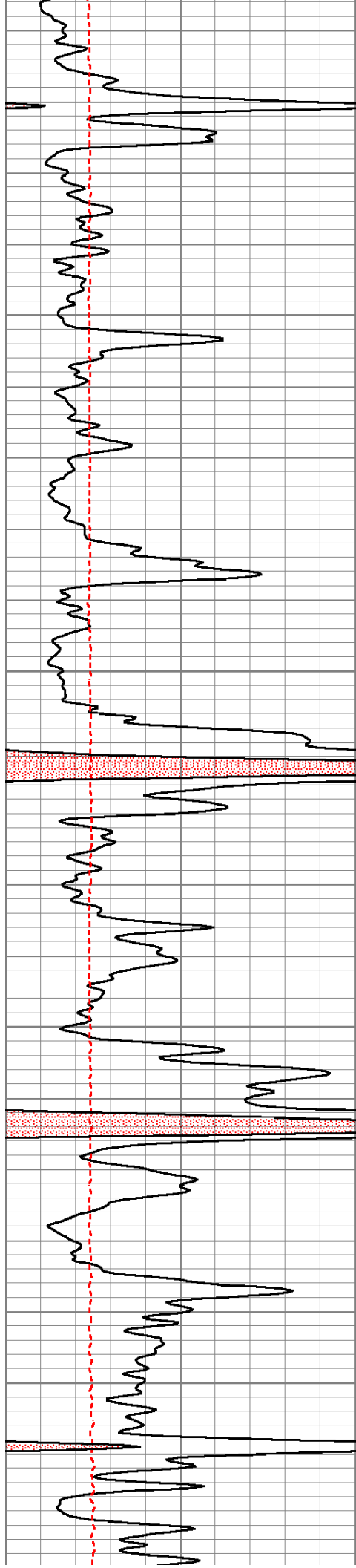
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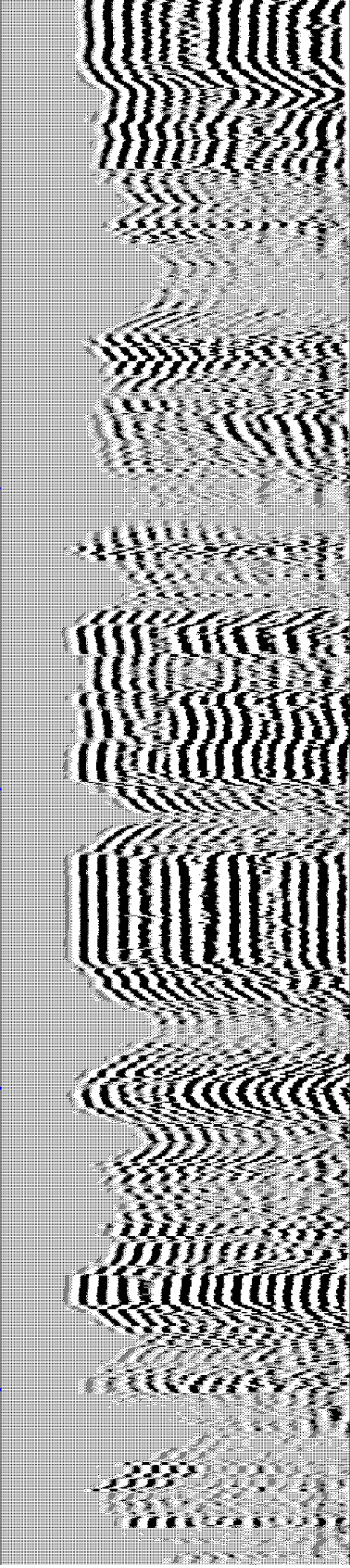
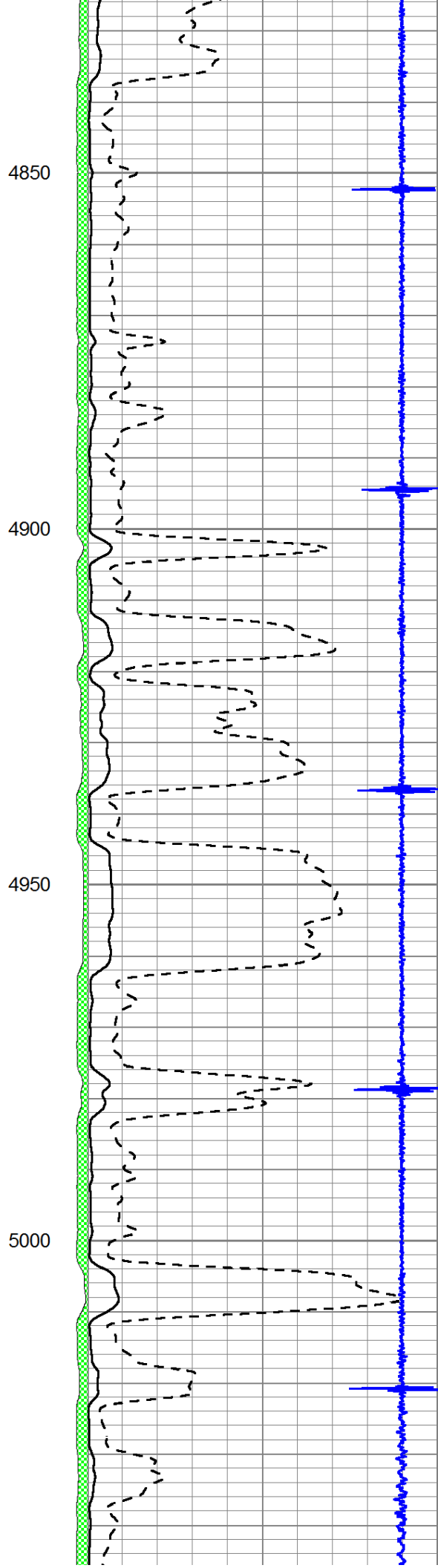
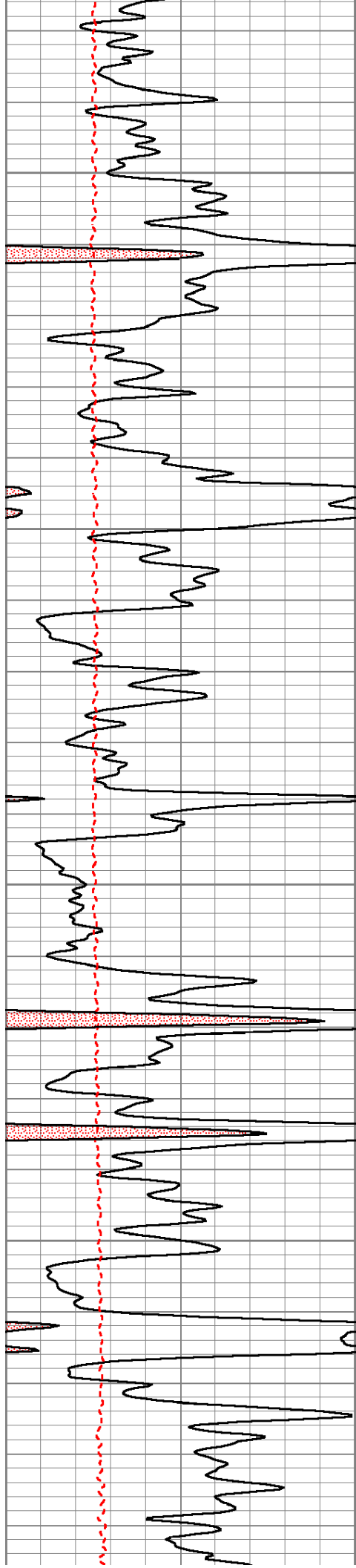
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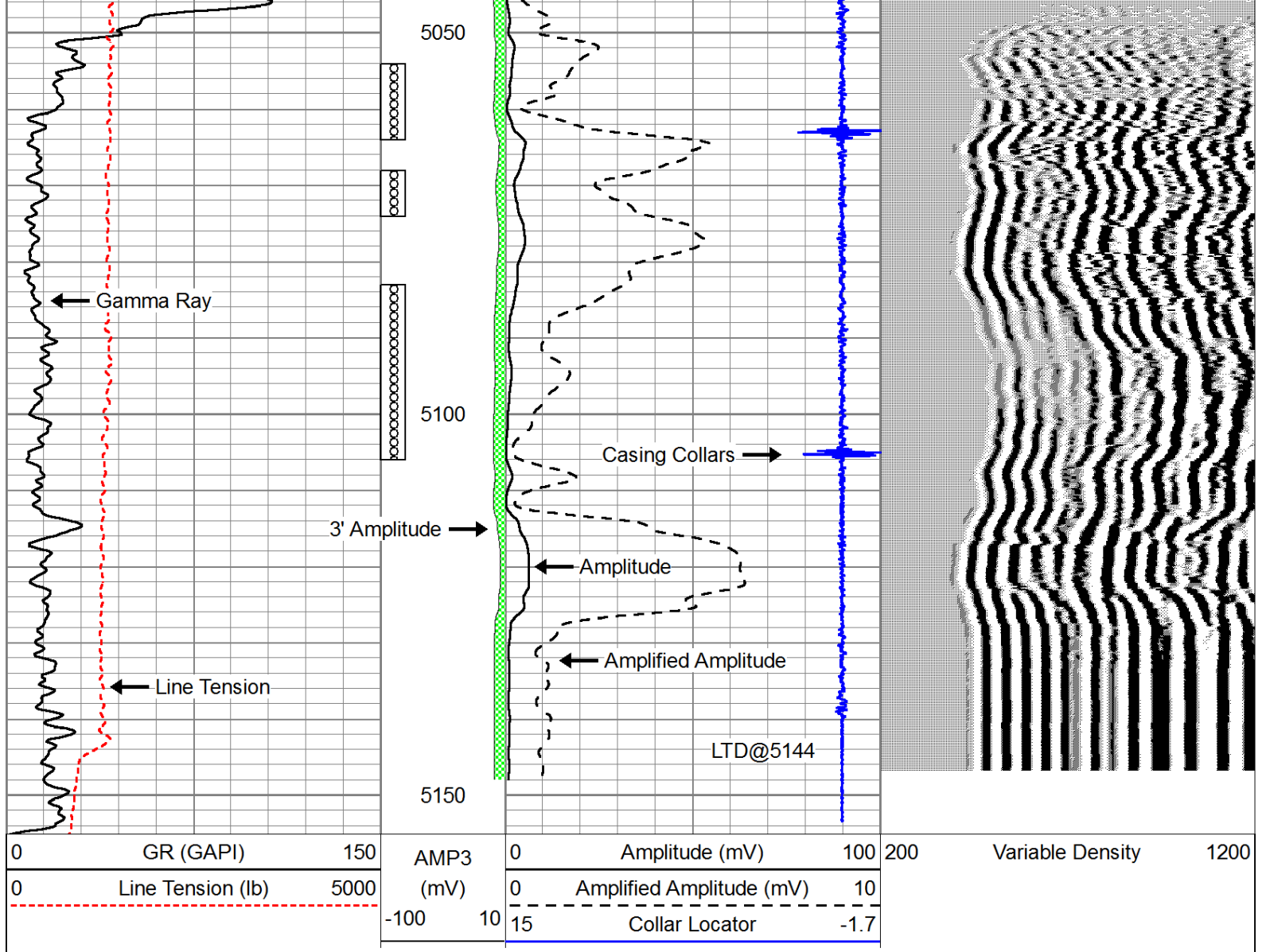
4350











# Repeat Section

Database File: kccoy\_yohn'a'-1-26.db  
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 Presentation Format: cbldig  
 Dataset Creation: Fri Jul 11 10:55:06 2014 by Log 7.0 B1  
 Charted by: Depth in Feet scaled 1:240

