



**Sonic Cement
Bond Log**

15-097-21812

Company Prater Oil & Gas Operations
Well Darry Clark #6-21 OWWO
Field Fruit North
County Kiowa
State Kansas

Location 2278' FNL & 2248' FWL

Sec: 21 **Twp:** 27S **Rge:** 16W

Other Services
Mast Trailer

Permanent Datum Ground Level Elevation 2095
Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing
Run Number One
Date Survey 4/26/2018

Elevation
K.B. 2106
D.F. 2095
G.L. 2104

Type Cementing Operation	Primary
Depth Driller	5022
Depth Logger	4828
Logged Interval	4827 to 3400
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	3546
Calculated Cement Top	////
Max. Hole Temperature	////
Tool No.	DIG02
Spacing Recorded	3-5
Equipment -- Location	02 Pratt
Recorded By	N. Schneider
Witnessed By	Jonny Prater

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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

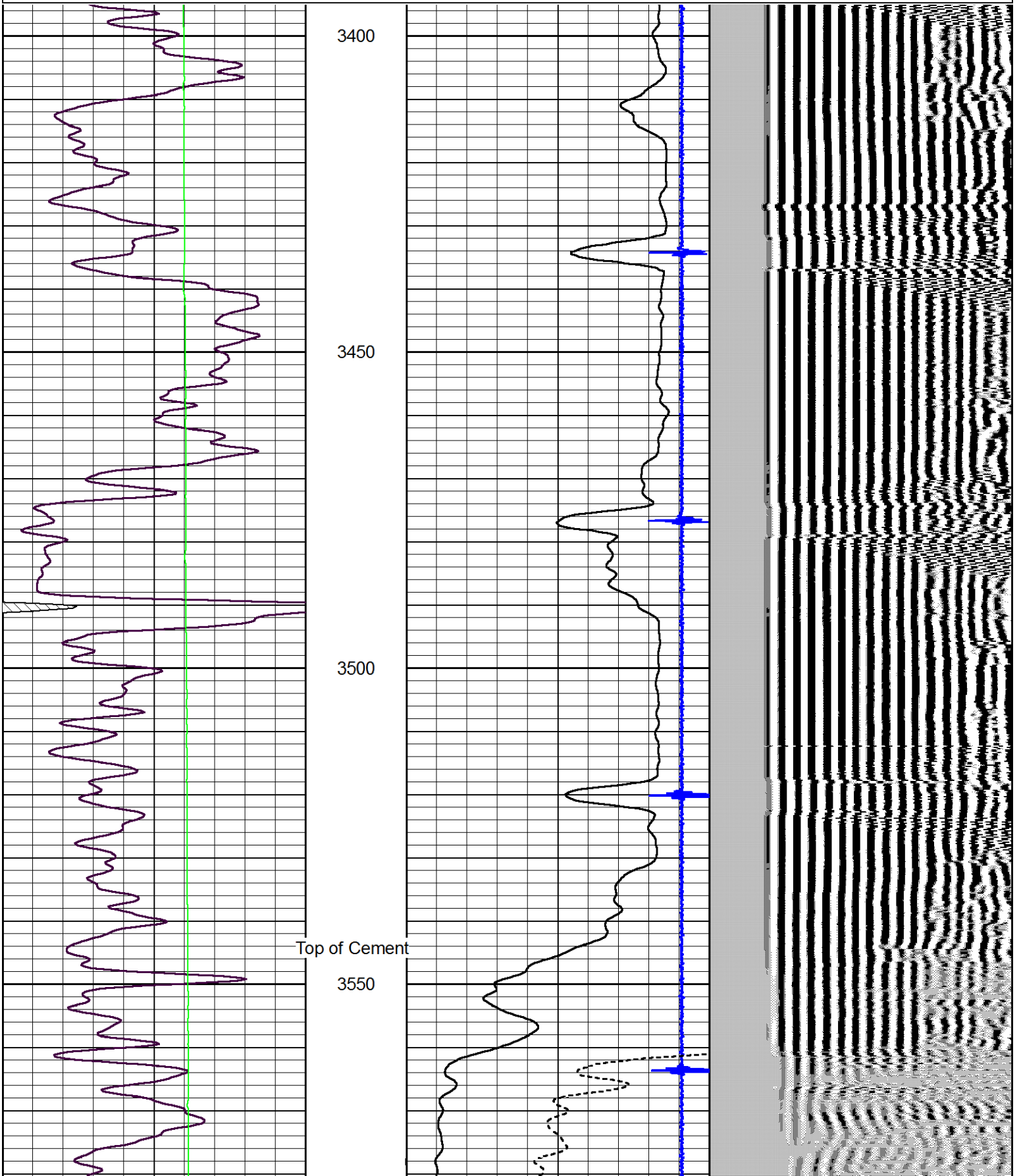
Thank you for using Excel Wireline (620) 388-5676
 Haviland
 2 E to 55th
 N to D St
 1/4 W
 S into on pivot rd

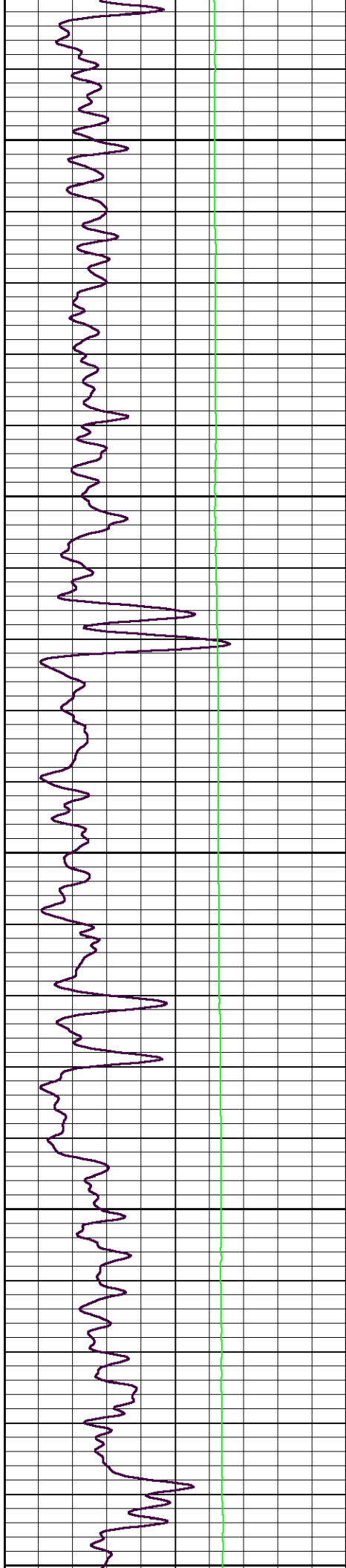


Main Pass

Database File prater_darry_clark_6_21.db
 Dataset Pathname grcbl/pass4
 Presentation Format excel
 Dataset Creation Thu Apr 26 16:27:16 2018
 Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	amp3ft	3	Casing Collars	-0.3	200	Variable Density (usec)	1200
0	LTEN (lb)	2000	(mV)	Amplitude					
			-100 10	Amplified Amplitude (mV)					





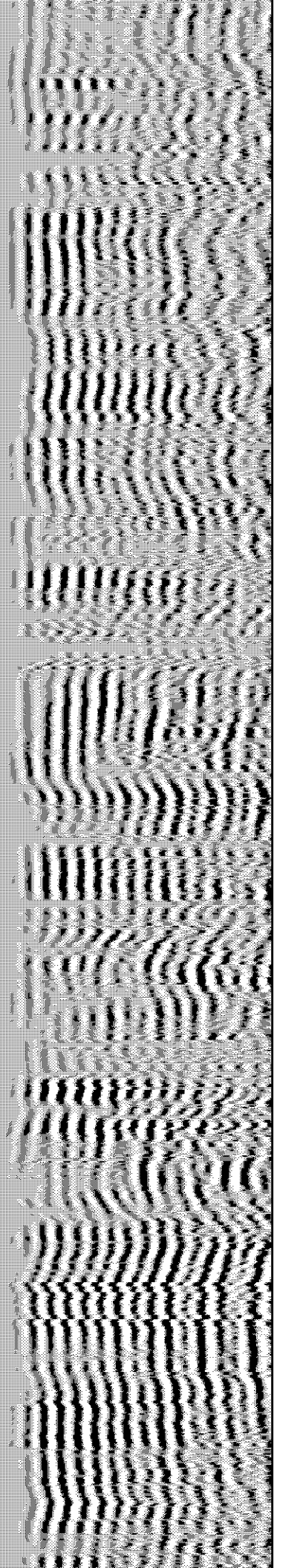
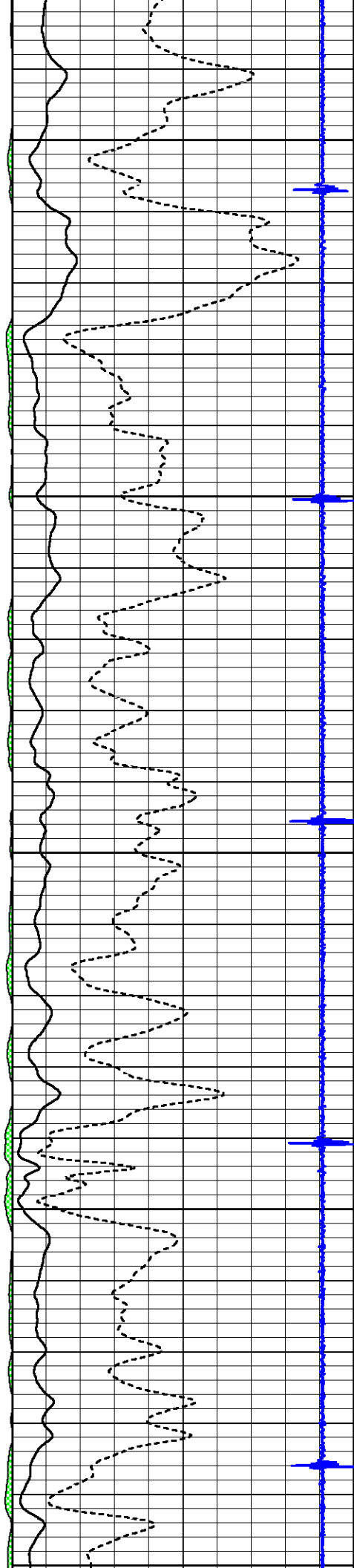
3600

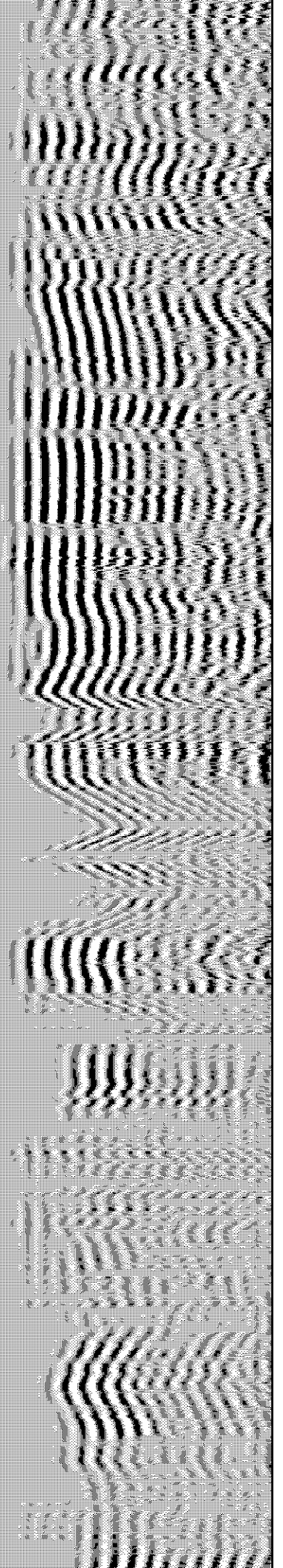
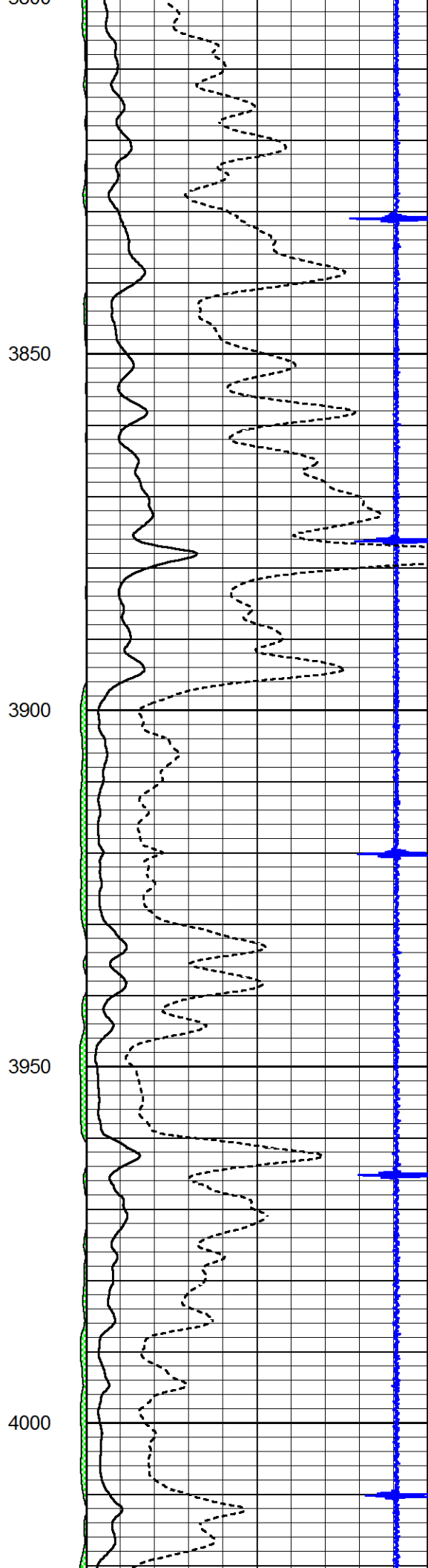
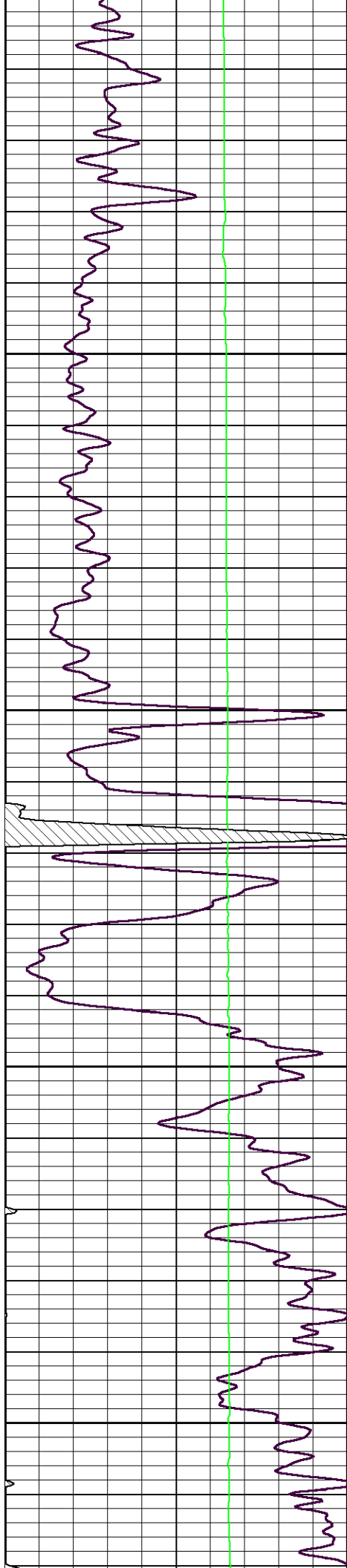
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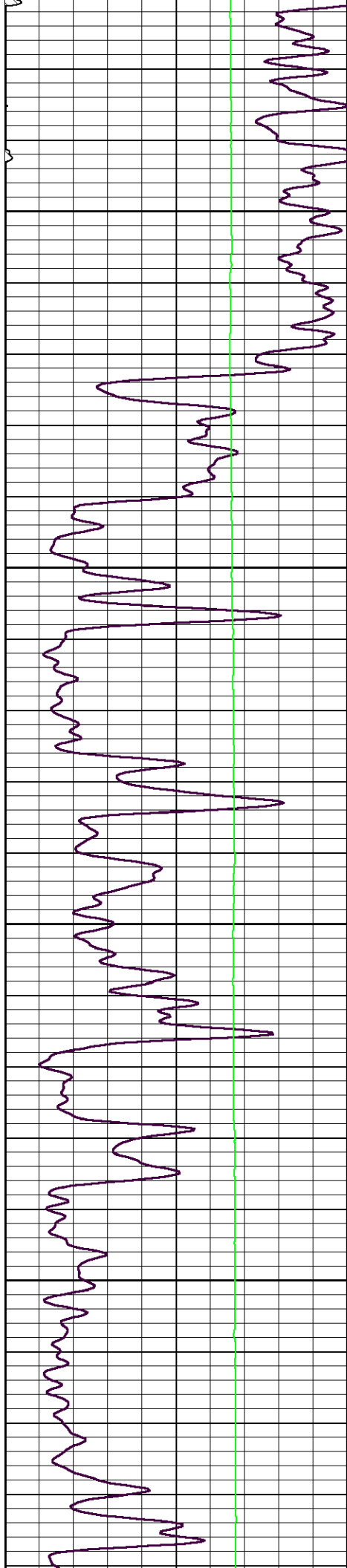
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3750

3800





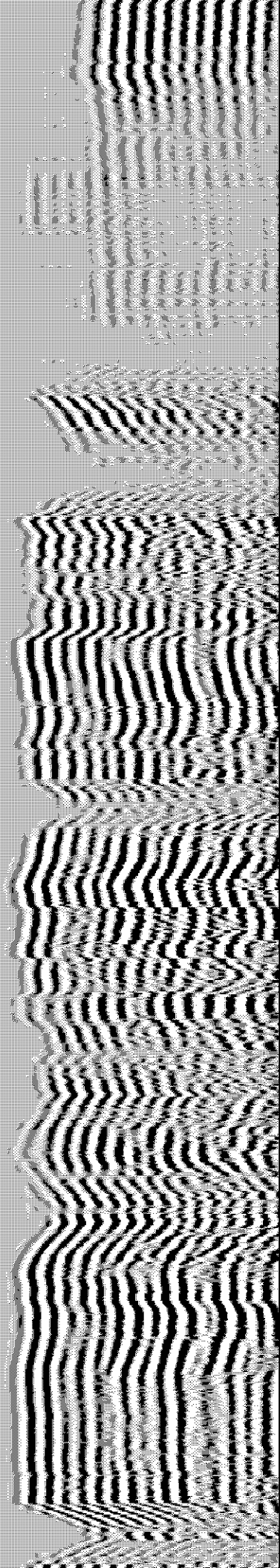
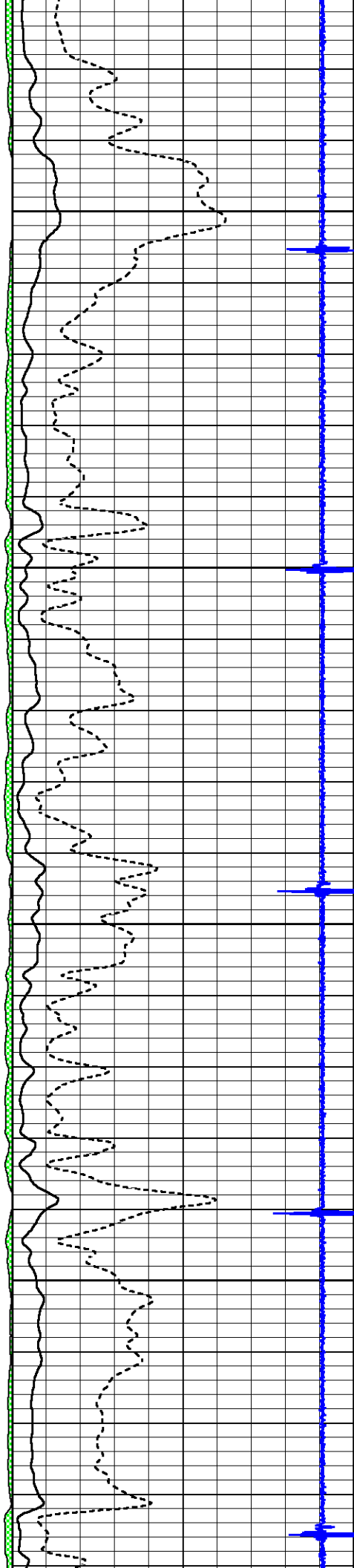


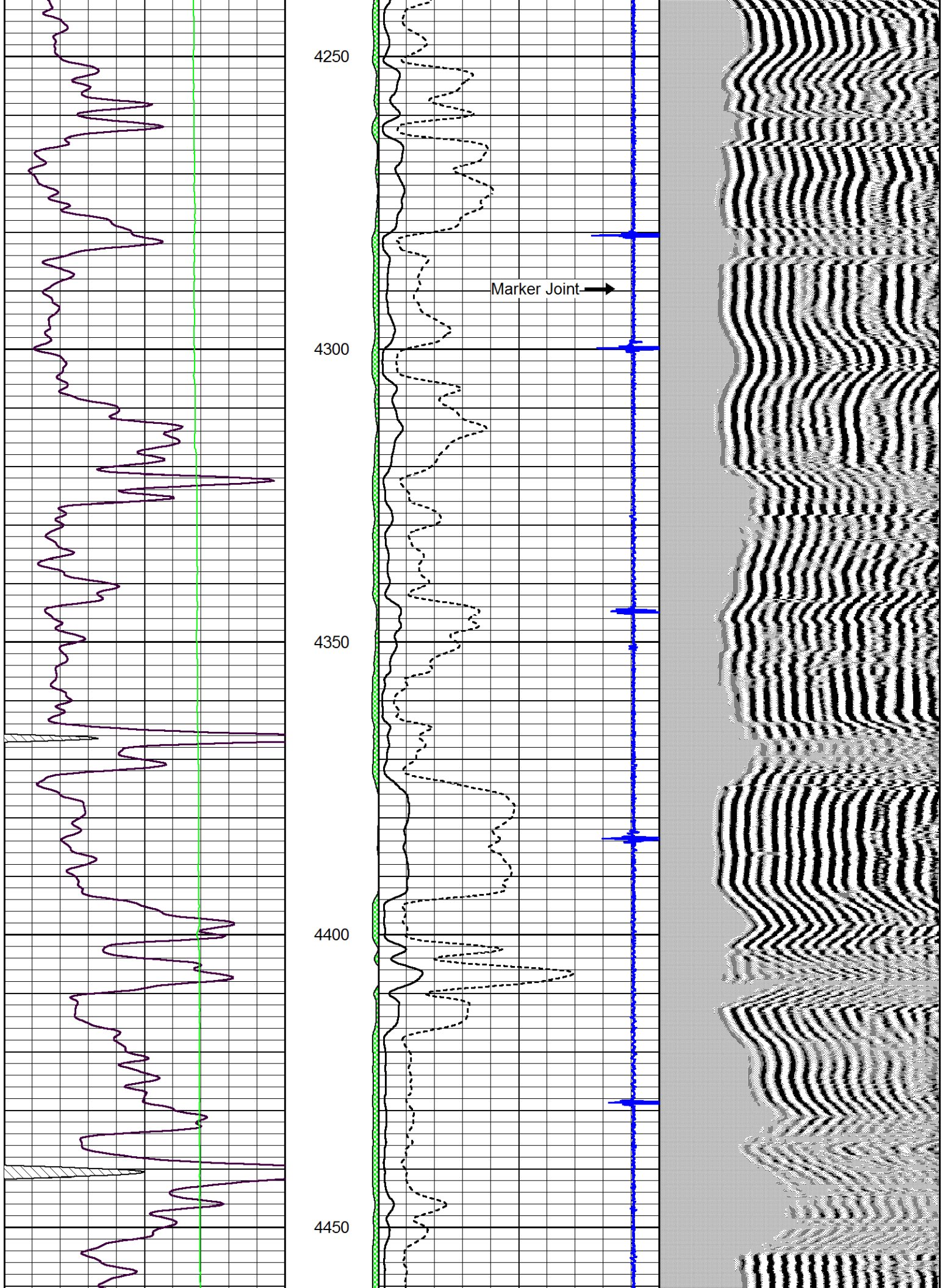
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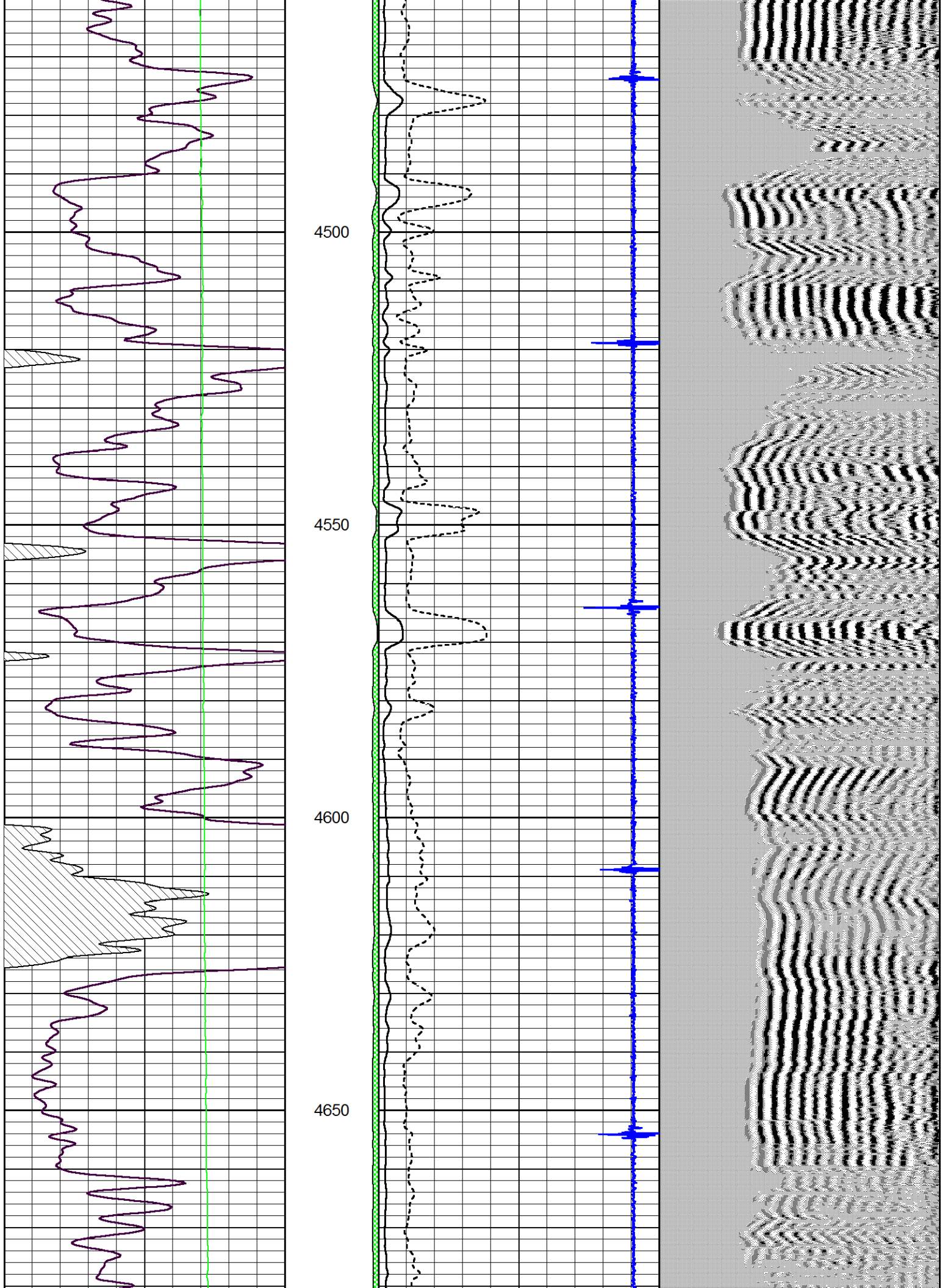
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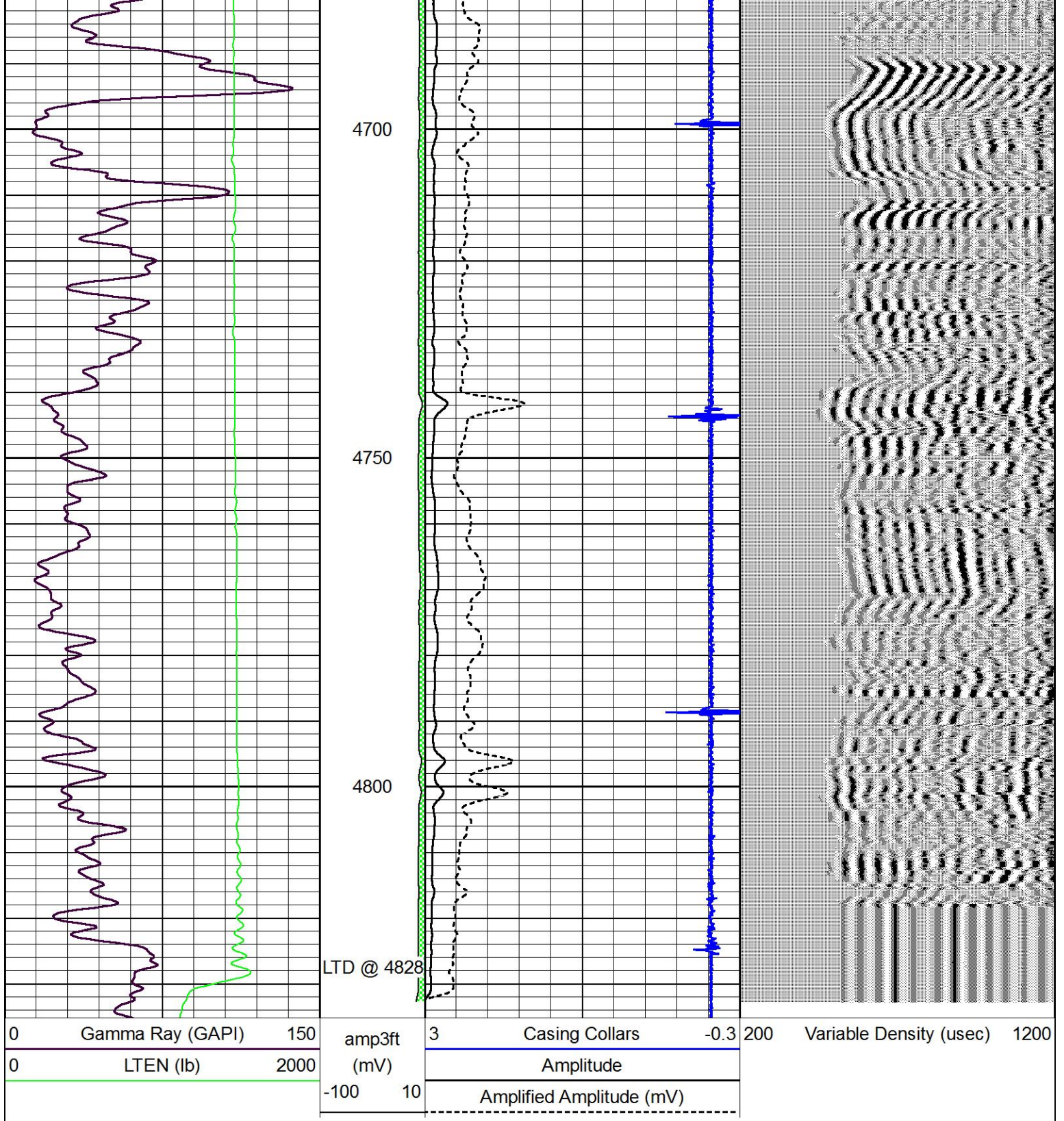
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4200



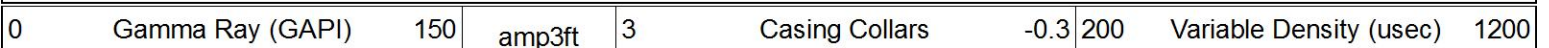






Repeat Section

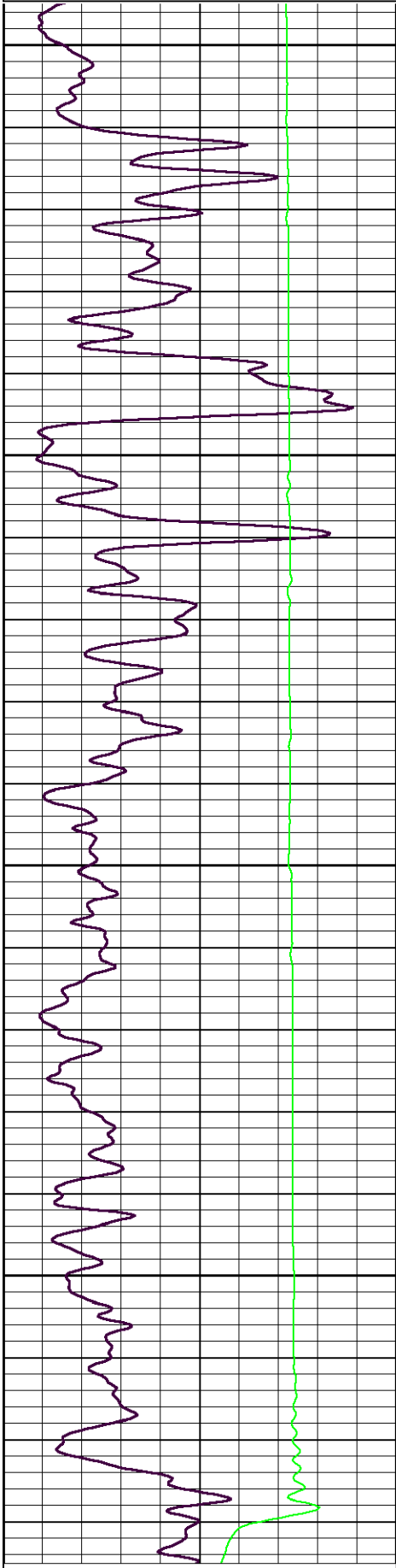
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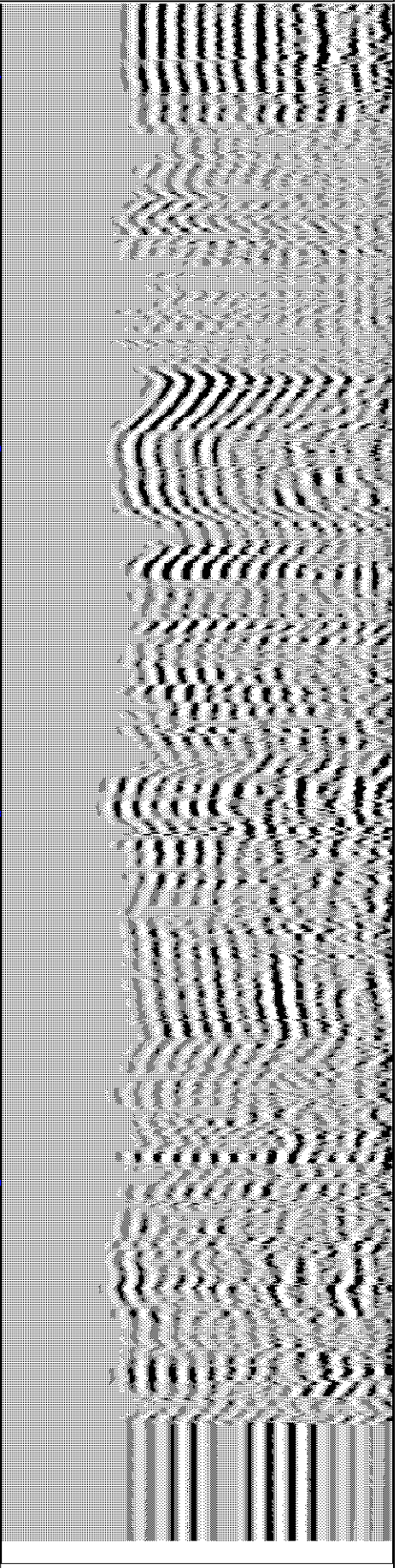
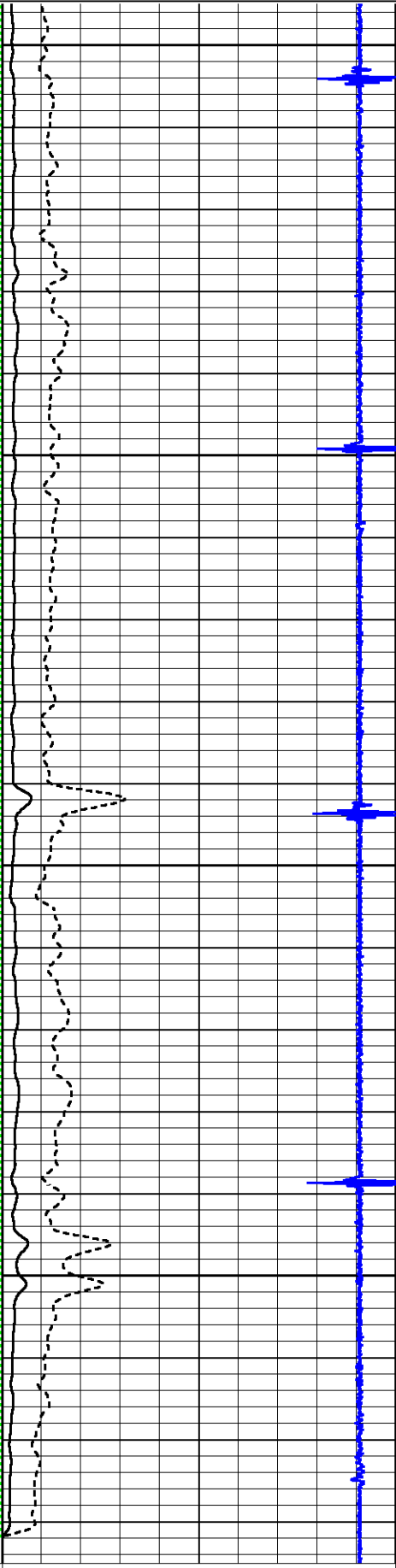
0 LTEN (lb) 2000

(mV)
-100 10

Amplitude
Amplified Amplitude (mV)



4650
4700
4750
4800



0 Gamma Ray (GAPI) 150
0 LTEN (lb) 2000

amp3ft (mV)
-100 10

Casing Collars -0.3
Amplitude
Amplified Amplitude (mV)

200 Variable Density (usec) 1200