LOG-TECH

Sonic Cement
Bond Log

API No. 15-191-22,651-0000

Company Atlas Operating, LLC.
Well Hobbsiefkin # 2-11
Field Fall Creek
County Sumner State Kansas

Location
2270' FSL & 1315' FWL
SE NE NW SW
Sec: 3 Twp: 35S Rge: 3W

Other Services
Perforate

Permanent Datum	Ground Level	Elevation 1139	Elevation
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	K.B. 1149
Drilling Measured From	Kelly Bushing		D.F. 1147
			G.L. 1139

Run Number	One		
Date Survey	7/18/2012		
Date Cementing	5/30/2012		
Type Cementing Operation	Primary		
Depth Driller	4990		
Depth Logger	4942		
Logged Interval	4940 to 1750		to
Casing Driller	5.5 @ TD		@
Float Collar -- D.V. Tool	//// 3950		
Squeeze Depth	////		
Amount & Type Cement	////		
Amount & Type Admix	////		
Type Fluid In Hole	Water		
Fluid Level	550'		
Salinity PPM CL	////		
Weight lb/gal -- Vis.	//// ////		
Approx. Logged Cement Top	1939		
Calculated Cement Top			
Max. Hole Temperature	125		
Tool No.	RBT 1-1		
Spacing Recorded	3-5		
Equipment -- Location	13 Pratt		
Recorded By	D.Lear		
Witnessed By	Bob Younce		

<<< Fold Here >>>

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 Log-Tech, Inc.
(620) 672-8300

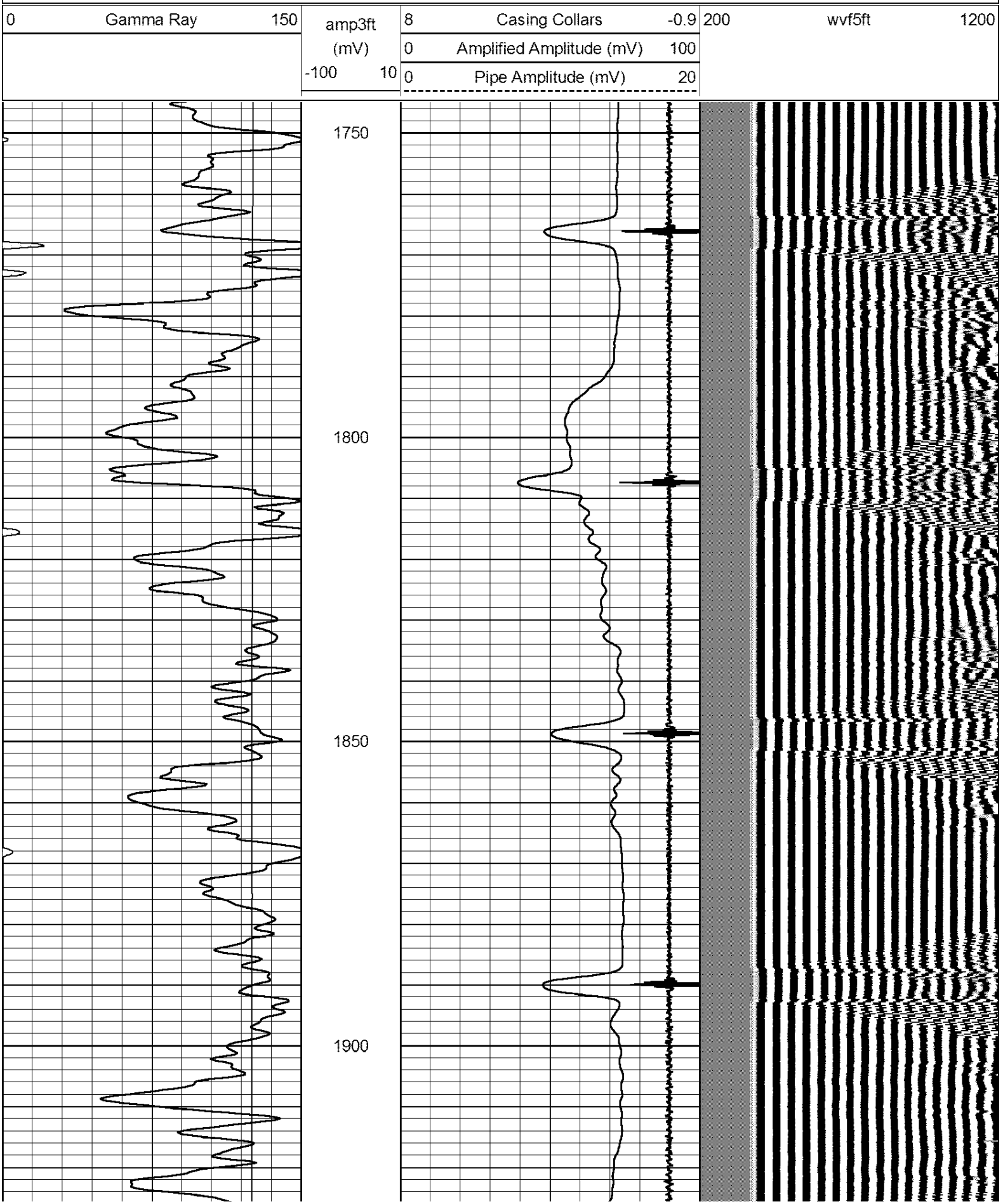
Caldwell
Hwy. 49 & Bluff City Blktp: W (stay straight at curve) to T
S to 171st, .8 W
S Into

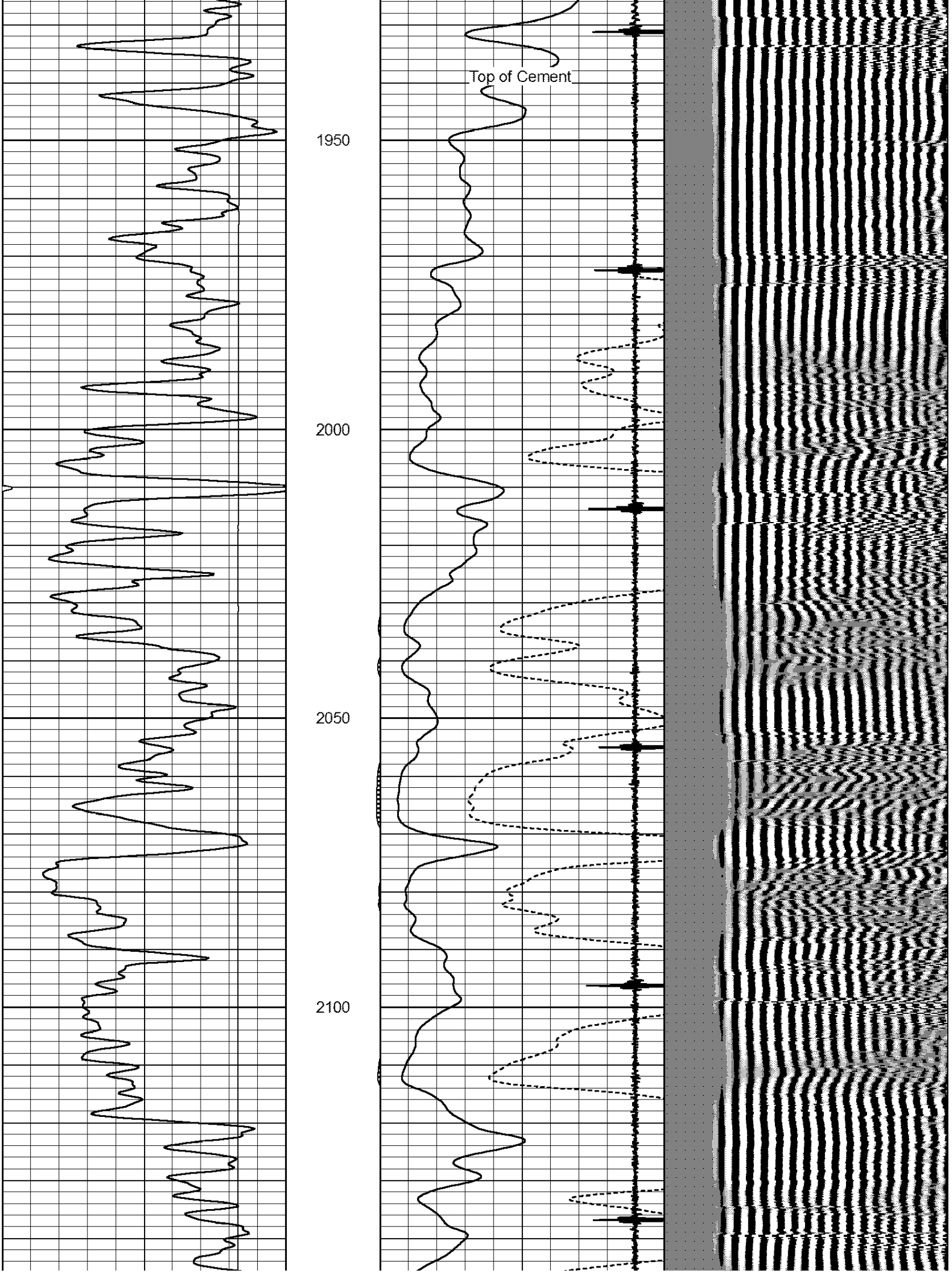
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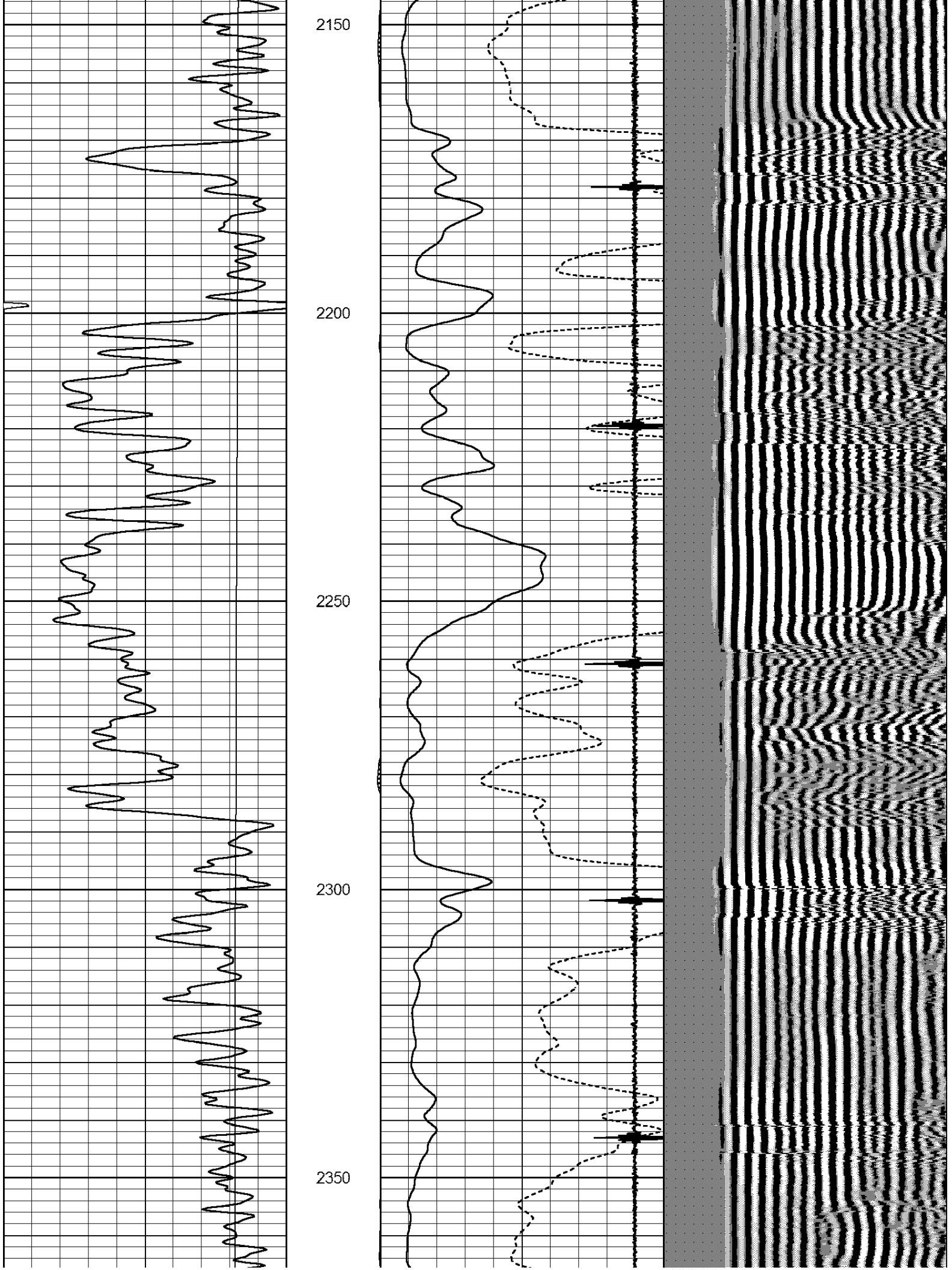
Main Pass

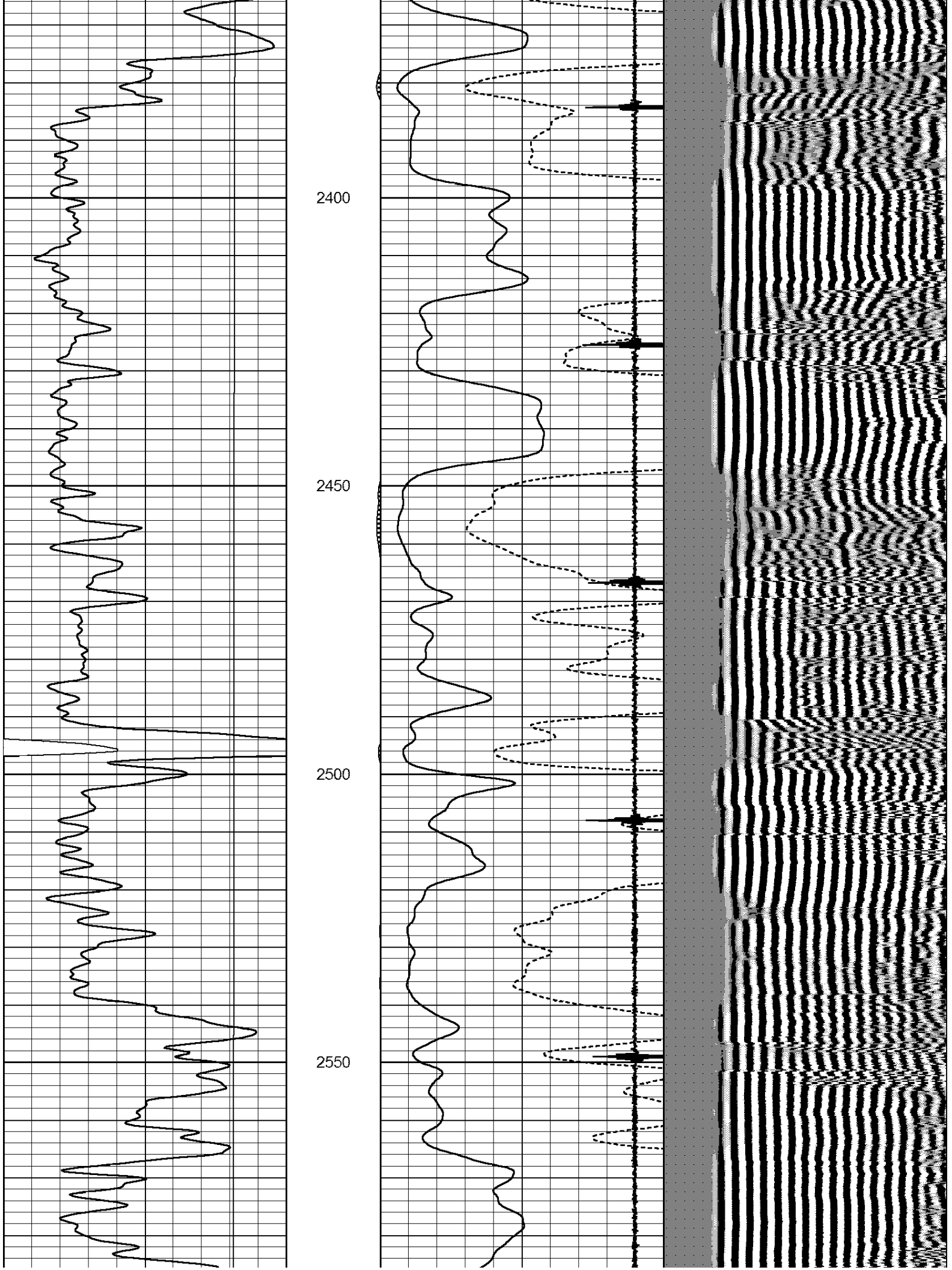
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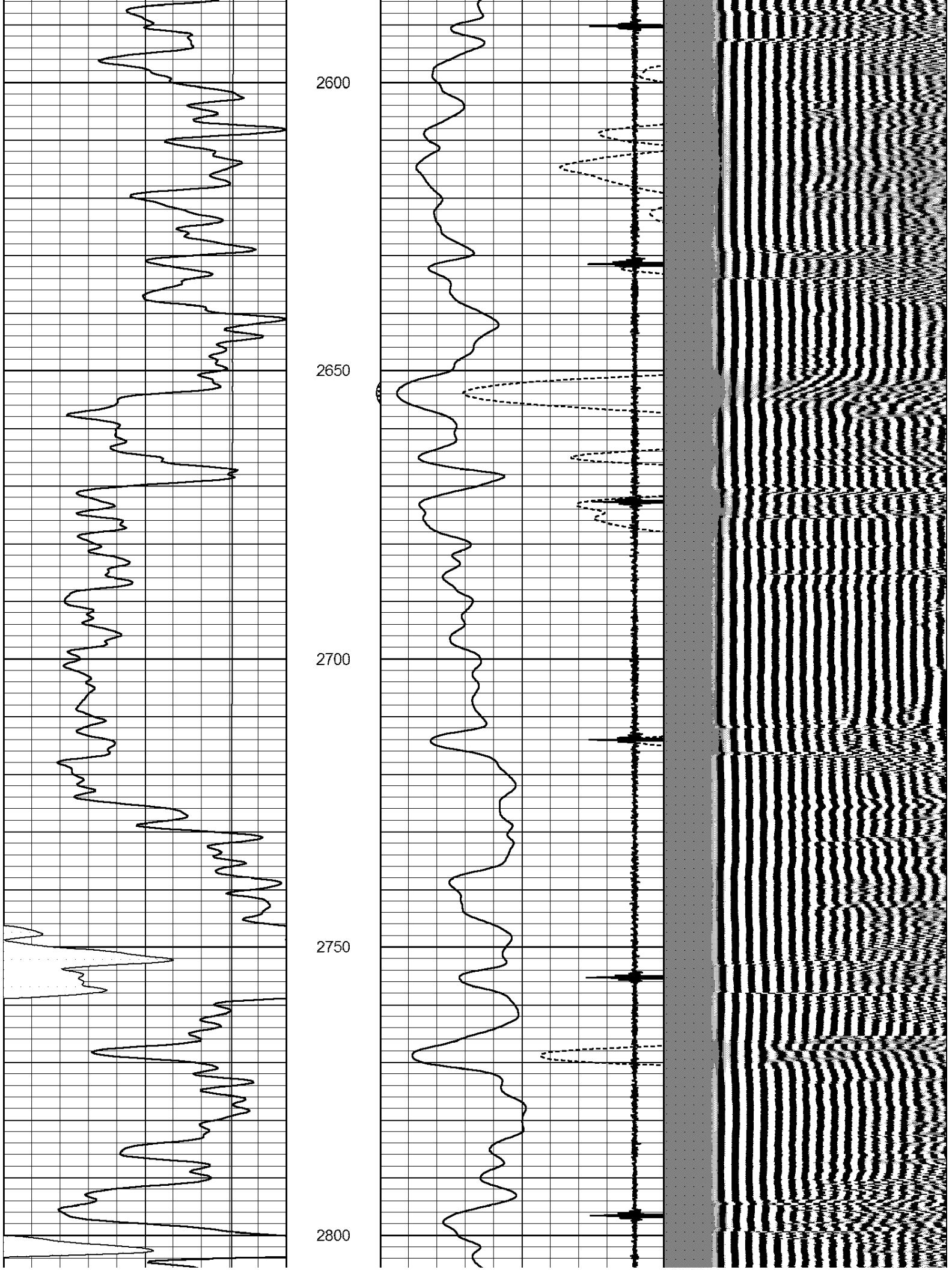
Database File: atlas_hobbsie_2_11.db
Dataset Pathname: grcbl/pass3
Presentation Format: cbldr
Dataset Creation: Wed Jul 18 12:41:01 2012 by Log SCH 120126
Charted by: Depth in Feet scaled 1:240

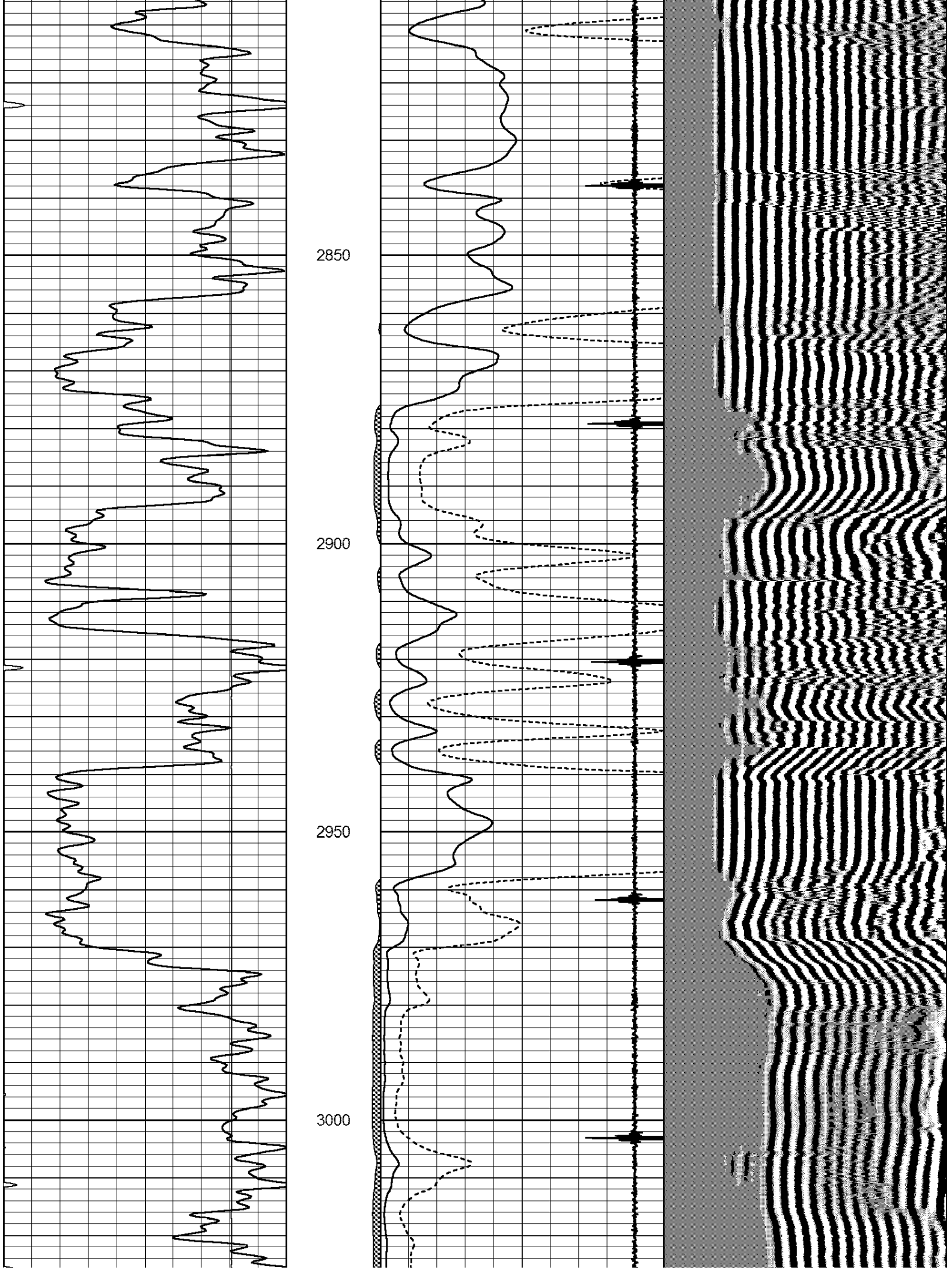


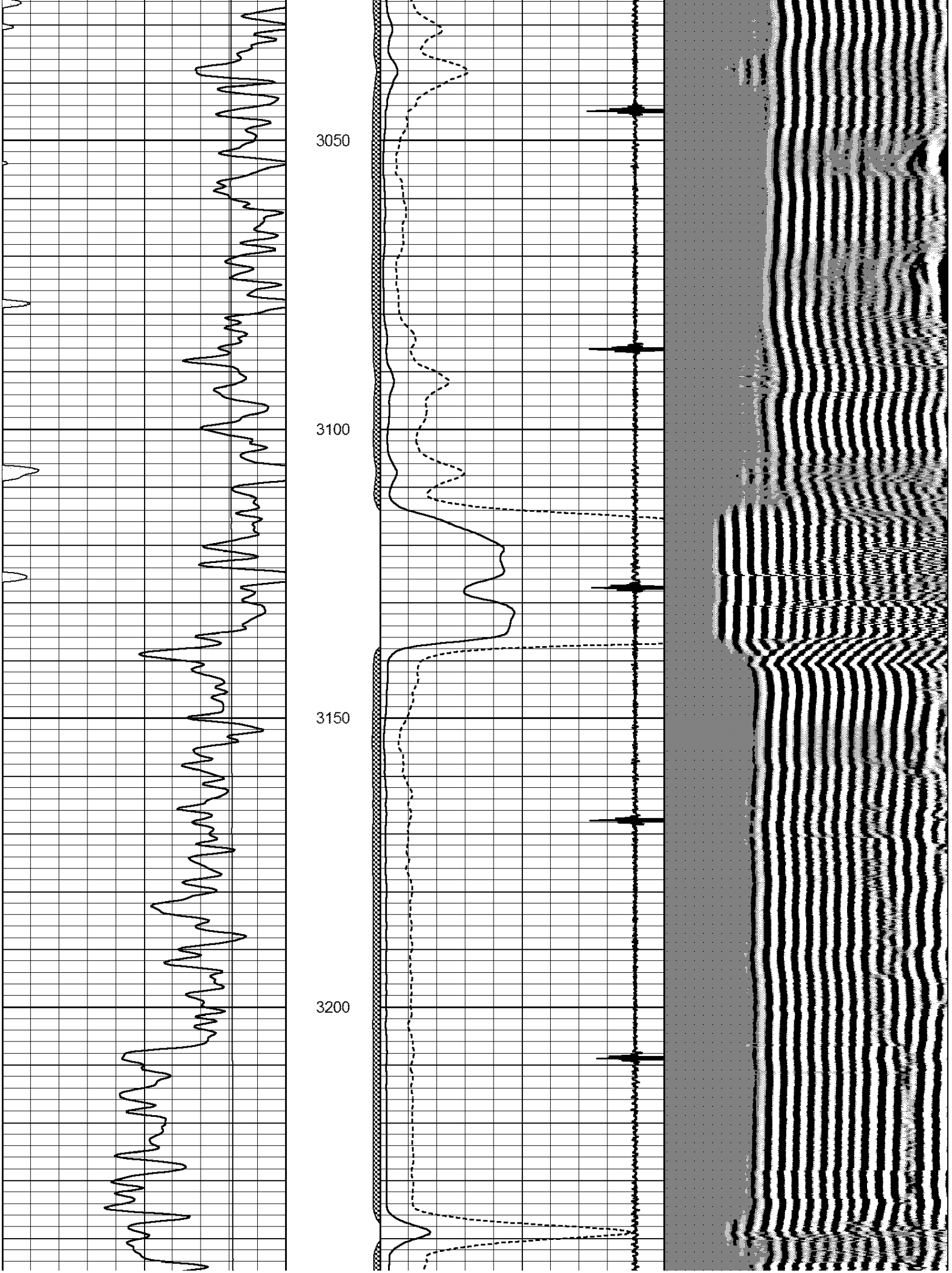

Top of Cement
1950
2000
2050
2100

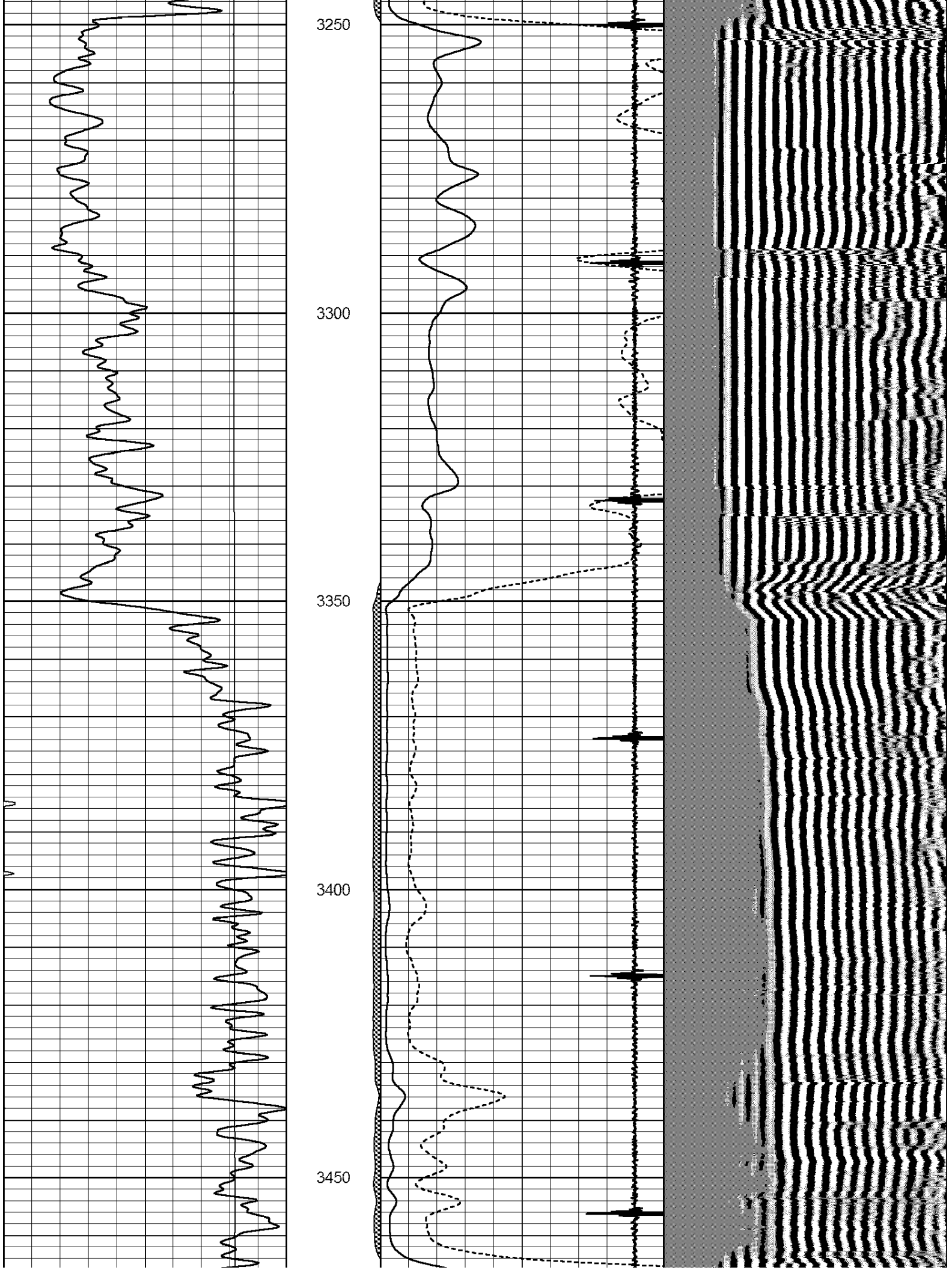

2150
2200
2250
2300
2350

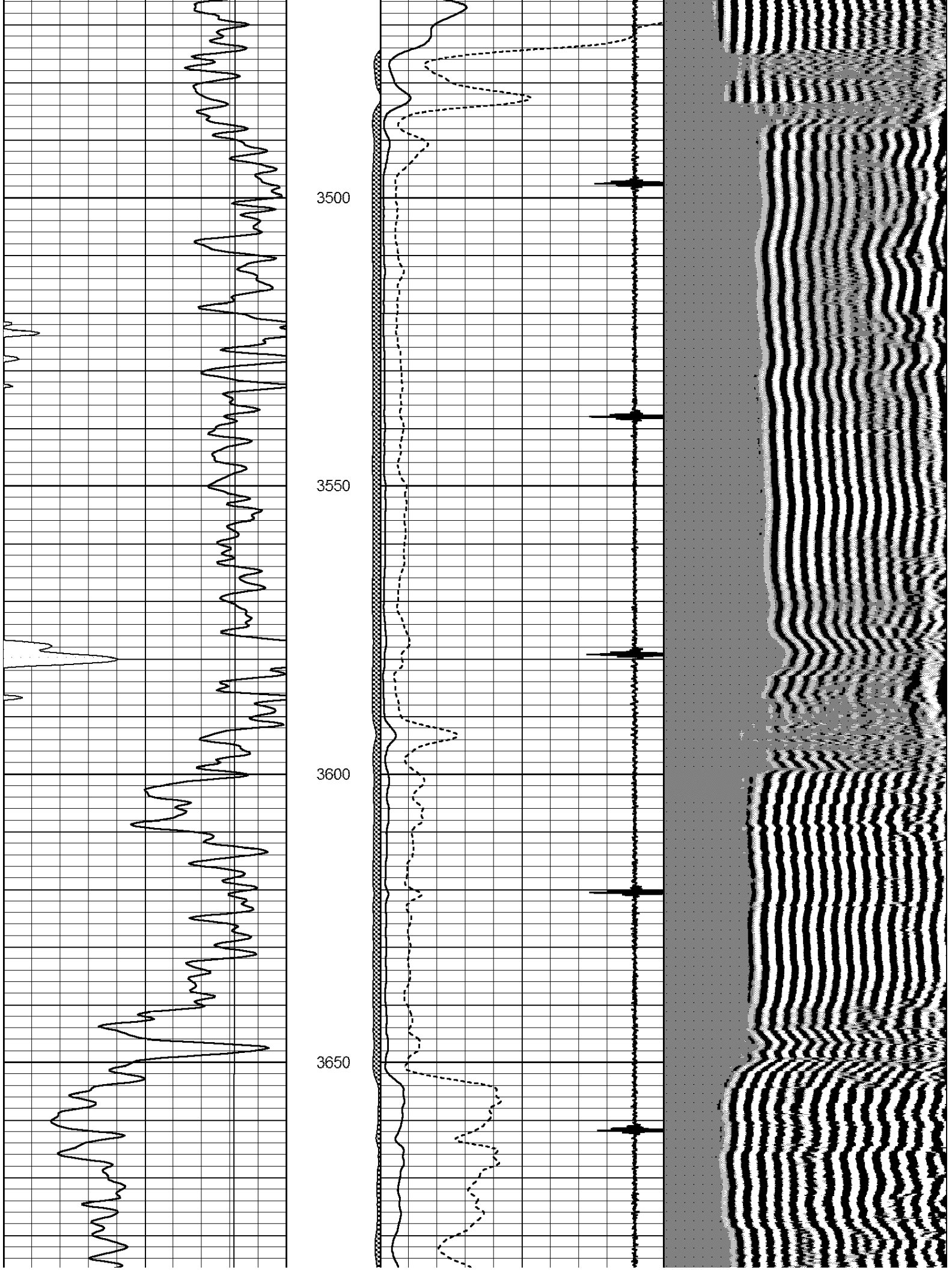

2400
2450
2500
2550

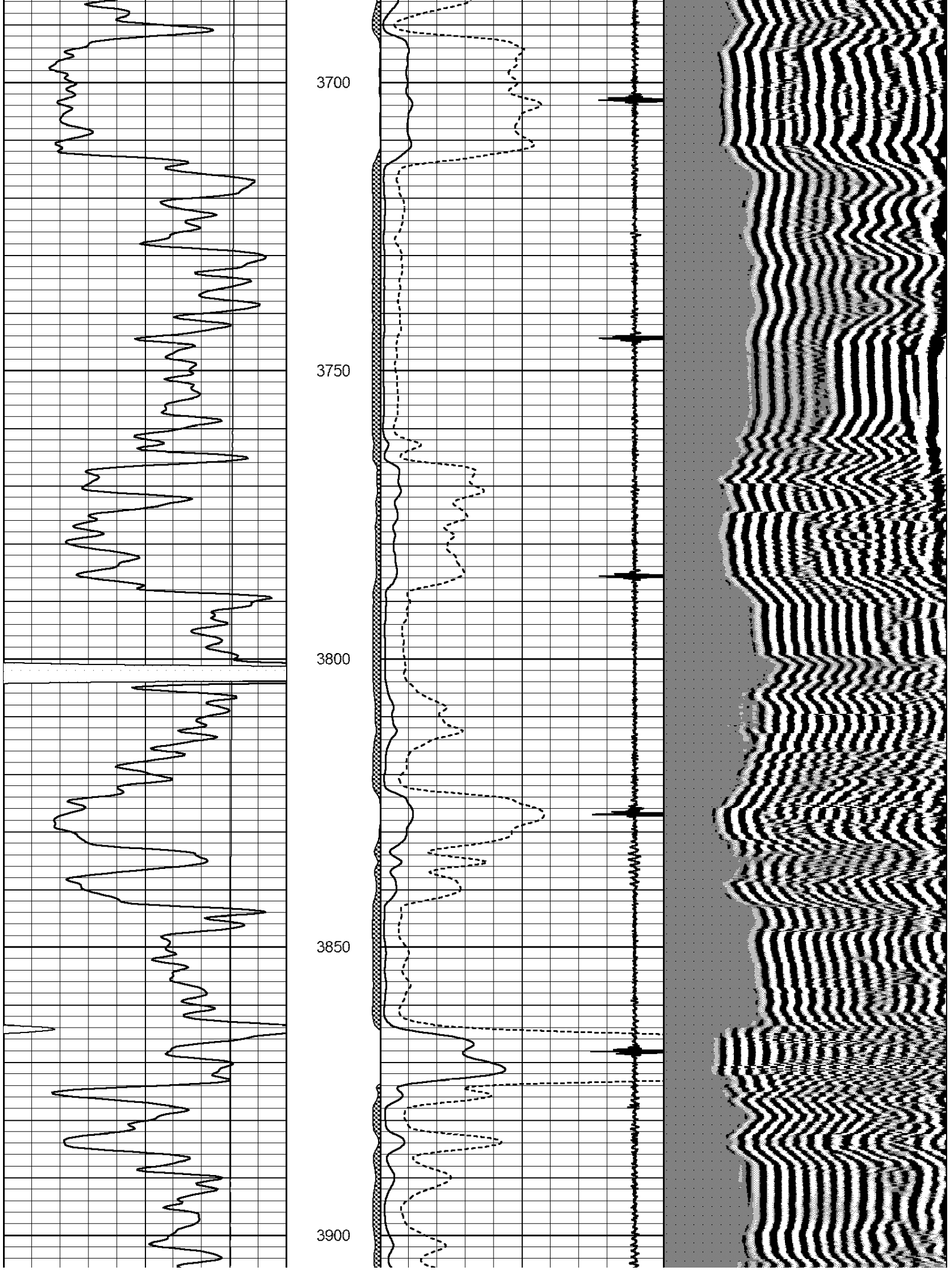

2600
2650
2700
2750
2800

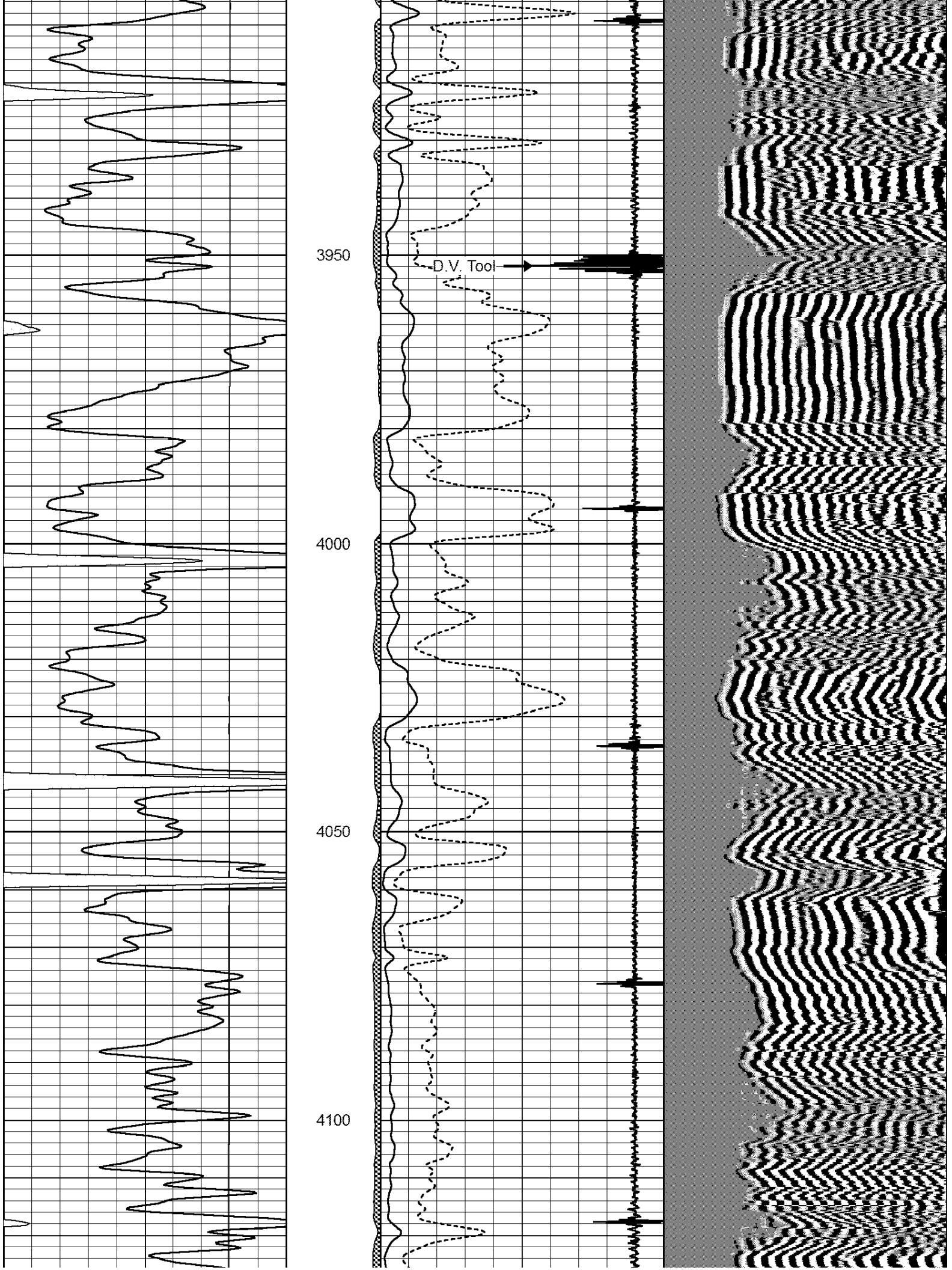

2850
2900
2950
3000

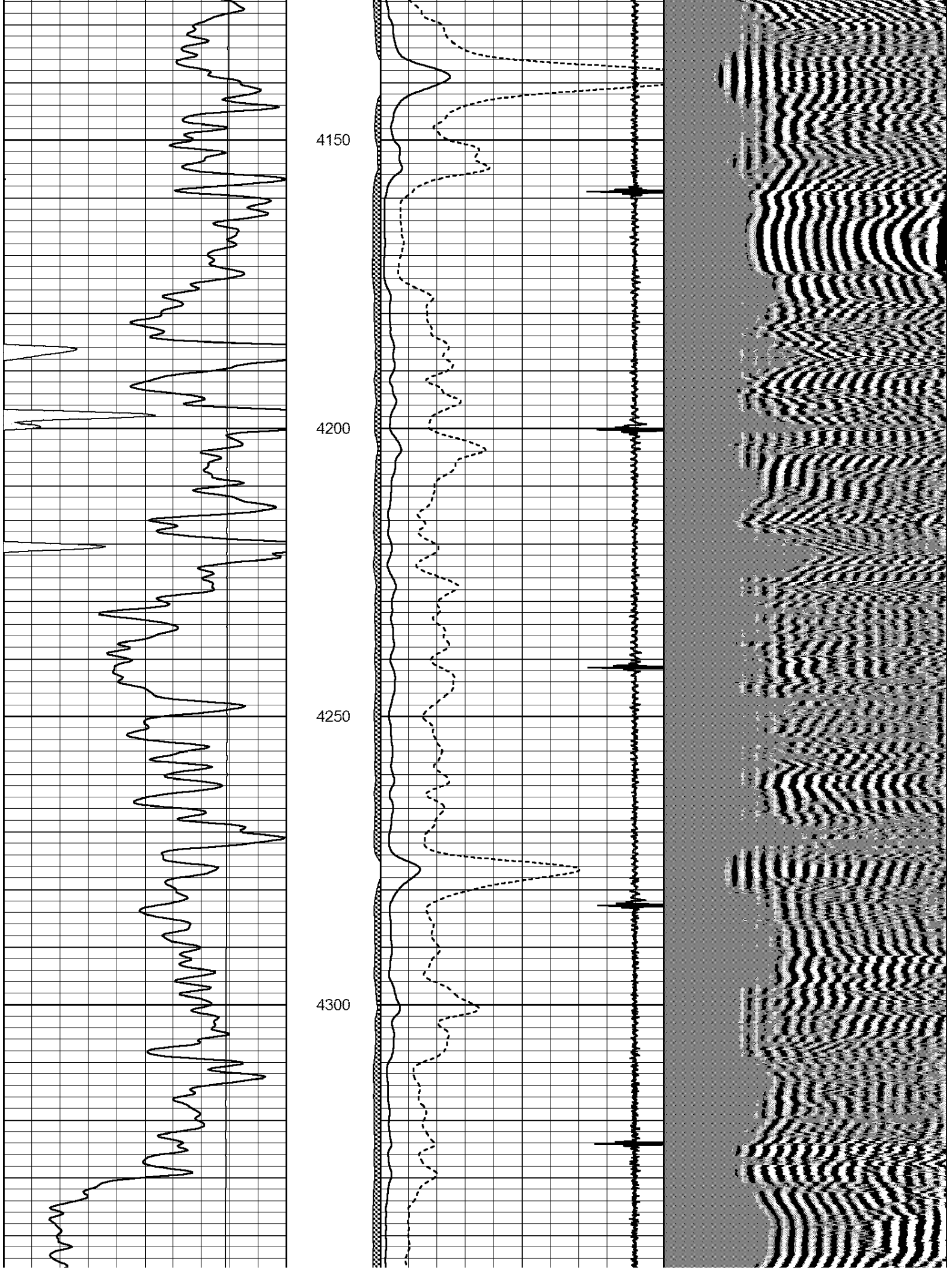

3050
3100
3150
3200

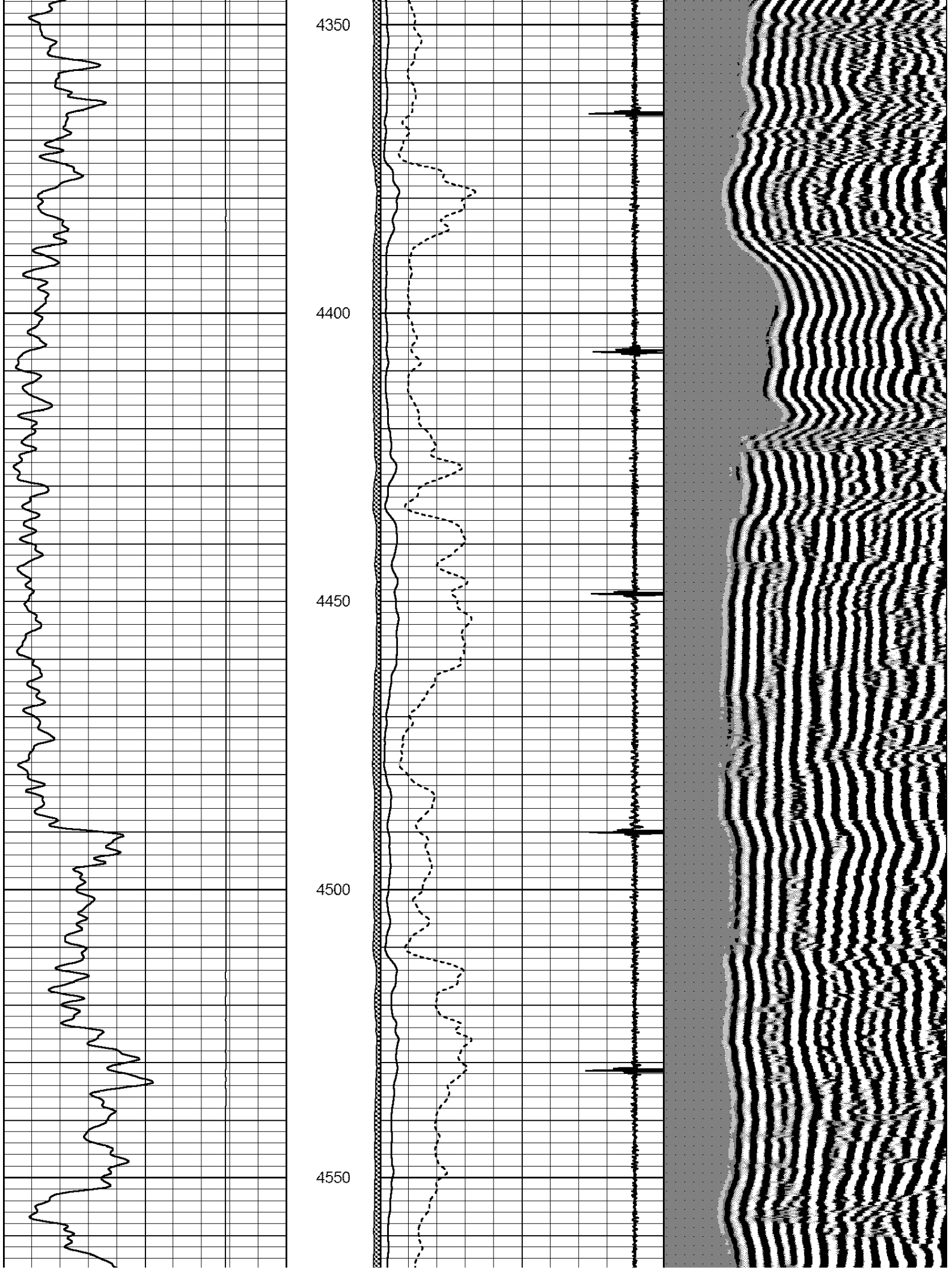

3250
3300
3350
3400
3450

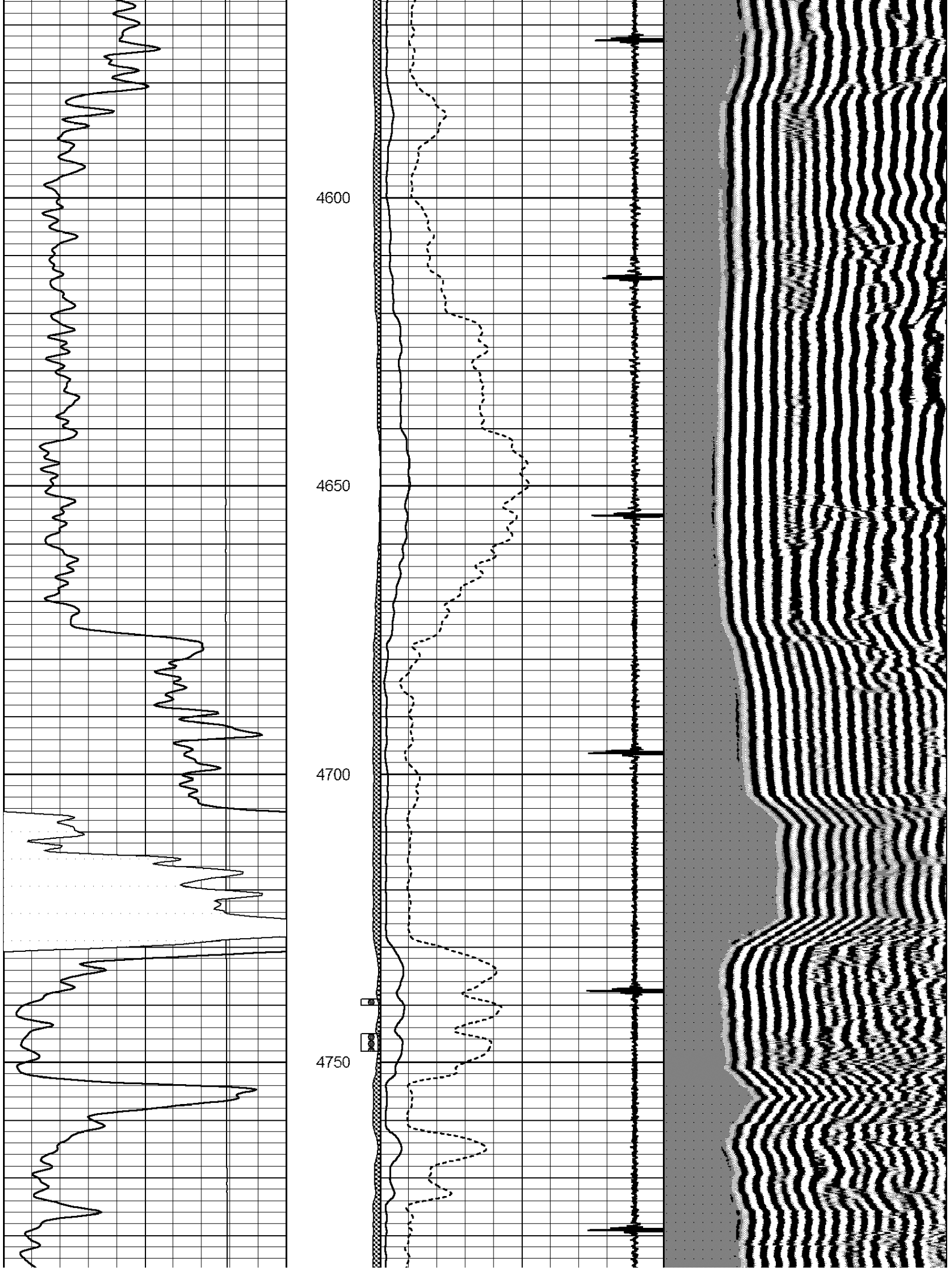

3500
3550
3600
3650

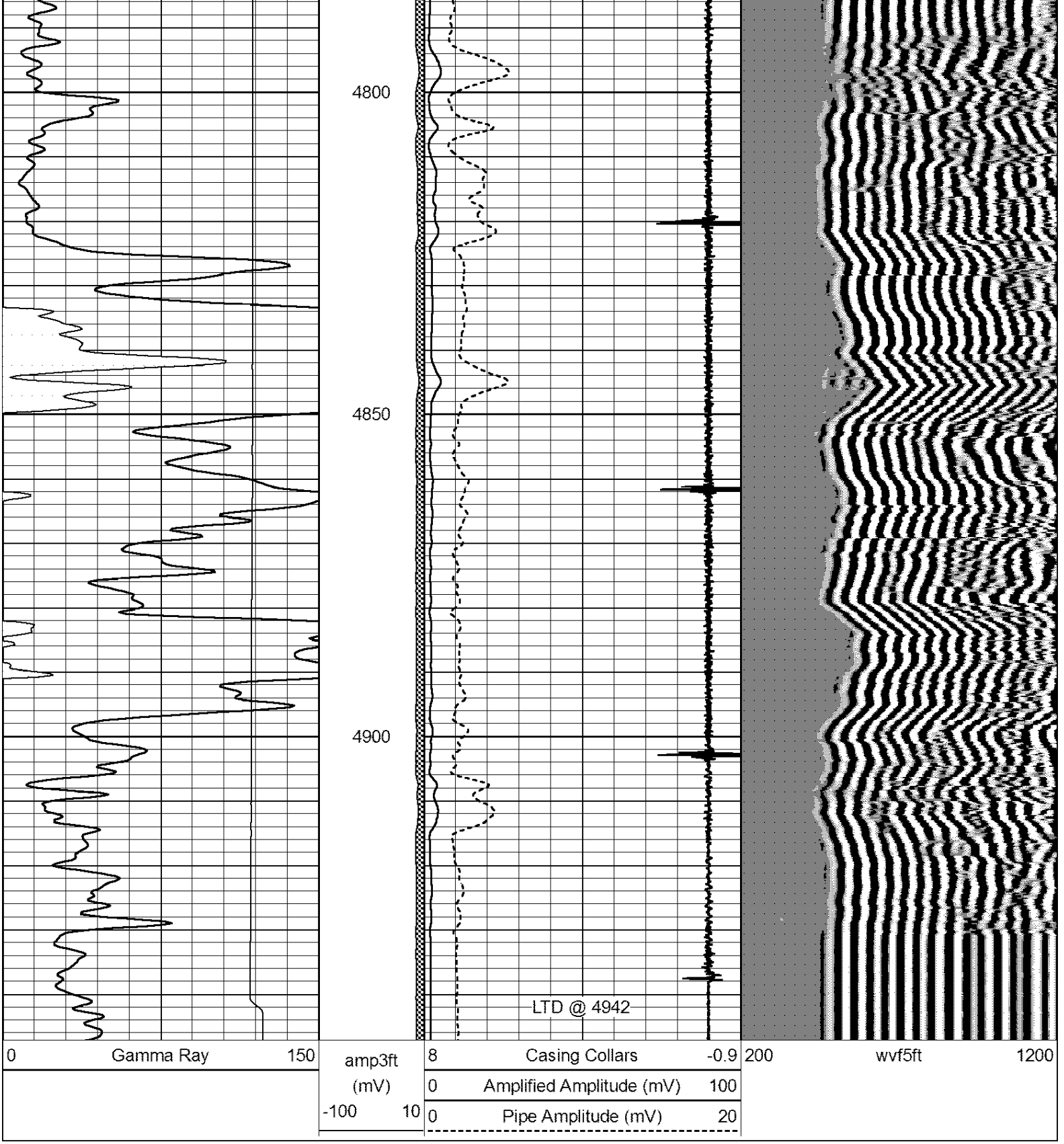

3700
3750
3800
3850
3900


3950
D.V. Tool
4000
4050
4100


4150
4200
4250
4300


4350
4400
4450
4500
4550

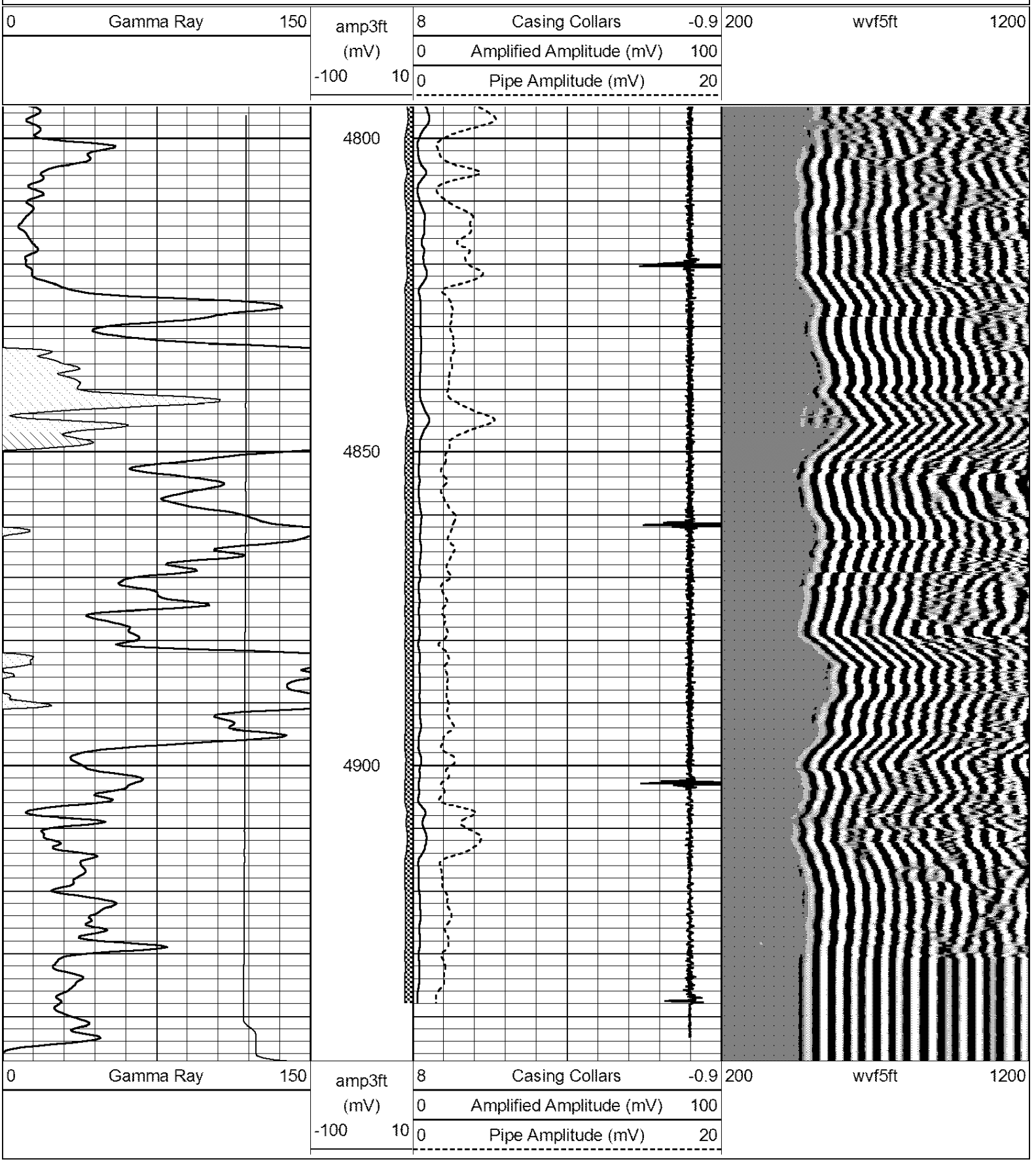

4600
4650
4700
4750



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Repeat Section

Database File:	atlas_hobbsie_2_11.db
Dataset Pathname:	grcbl/pass3.1
Presentation Format:	cbldr
Dataset Creation:	Wed Jul 18 13:44:00 2012 by Calc SCH 120126
Charted by:	Depth in Feet scaled 1:240


0
Gamma Ray
150
amp3ft
(mV)
-100
10
8
Casing Collars
-0.9
0
Amplified Amplitude (mV)
100
0
Pipe Amplitude (mV)
20
200
wvf5ft
1200
4800
4850
4900
0
Gamma Ray
150
amp3ft
(mV)
-100
10
8
Casing Collars
-0.9
0
Amplified Amplitude (mV)
100
0
Pipe Amplitude (mV)
20
200
wvf5ft
1200