LOG-TECH

Ph. (785) 625-3858

Sonic Cement Bond Log

API No. 15-063-21955-00-00

Company Lario Oil & Gas Company

Well Parsons A No. 1-5

Field

County Gove State Kansas

Location 560' FNL & 1085' FEL

Sec. 5 Twp. 13 S Rge. 31 W

Other Services

Elevation

K.B. 2948
D.F.
G.L. 2943

Permanent Datum	Ground Level	Elevation 2943	
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Run Number	One		
Date Survey	03/28/2012		
Date Cementing	03/23/2012		
Type Cementing Operation	Primary		
Depth Driller	4740		
Depth Logger	4705		
Logged Interval	4704 to 3200	2500 to 1300	
Casing Driller	4.5 @ TD	@	
Float Collar -- D.V. Tool	//// 2309		
Squeeze Depth	////		
Amount & Type Cement	////		
Amount & Type Admix	////		
Type Fluid In Hole	Water		
Fluid Level	544		
Salinity PPM CL	////		
Weight lb/gal -- Vis.	//// ////		
Approx. Logged Cement Top	3362		
Calculated Cement Top	////		
Max. Hole Temperature	122		
Tool No.	PRBT71		
Spacing Recorded	3' 5'		
Equipment -- Location	71 Hays		
Recorded By	Scott Clermont		
Witnessed By	Larry Karlin		

<<< 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
(785) 625-3858

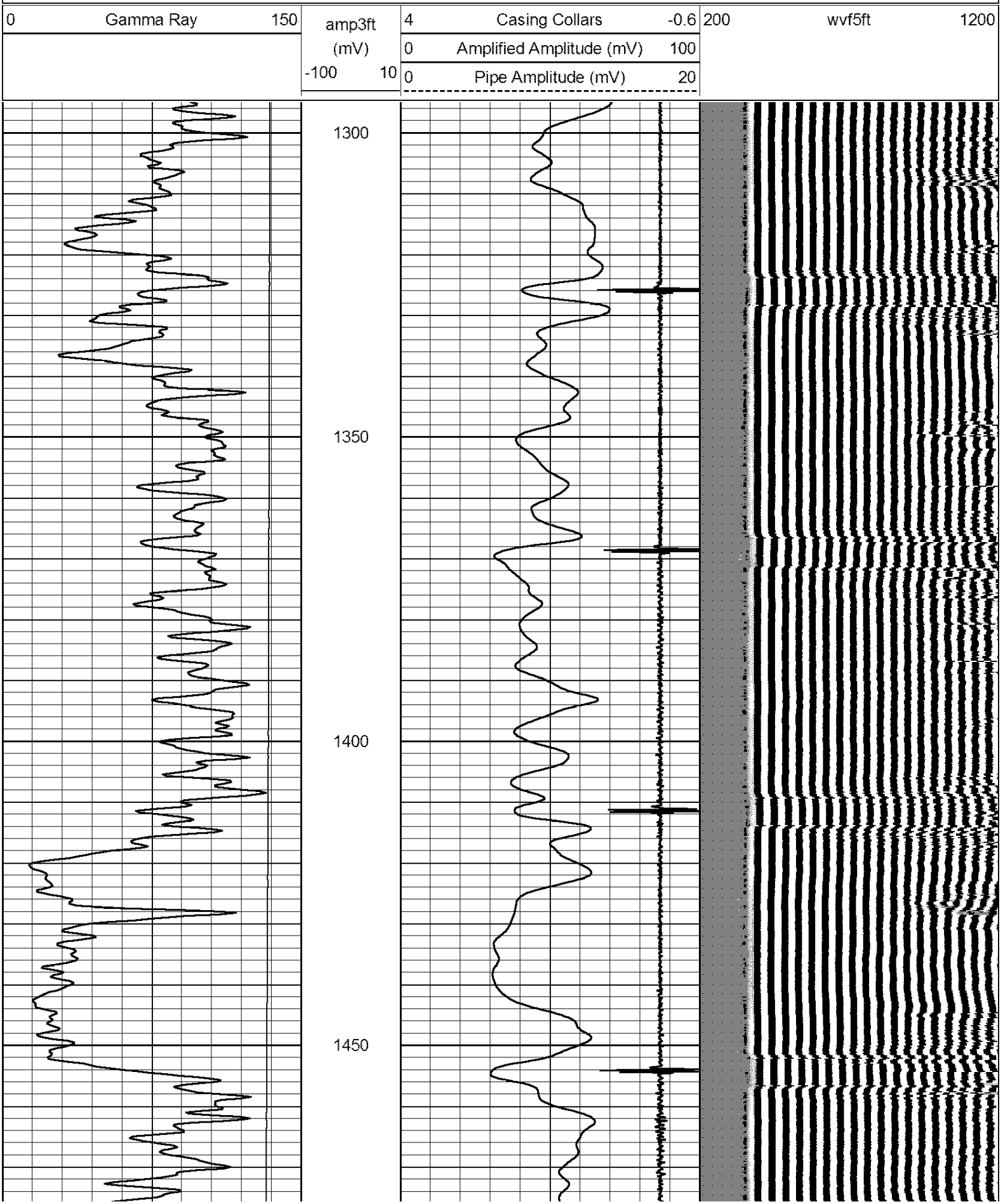
Oakley Ks., 10 South to Seneca Rd,4 East
1/4 South, West Into

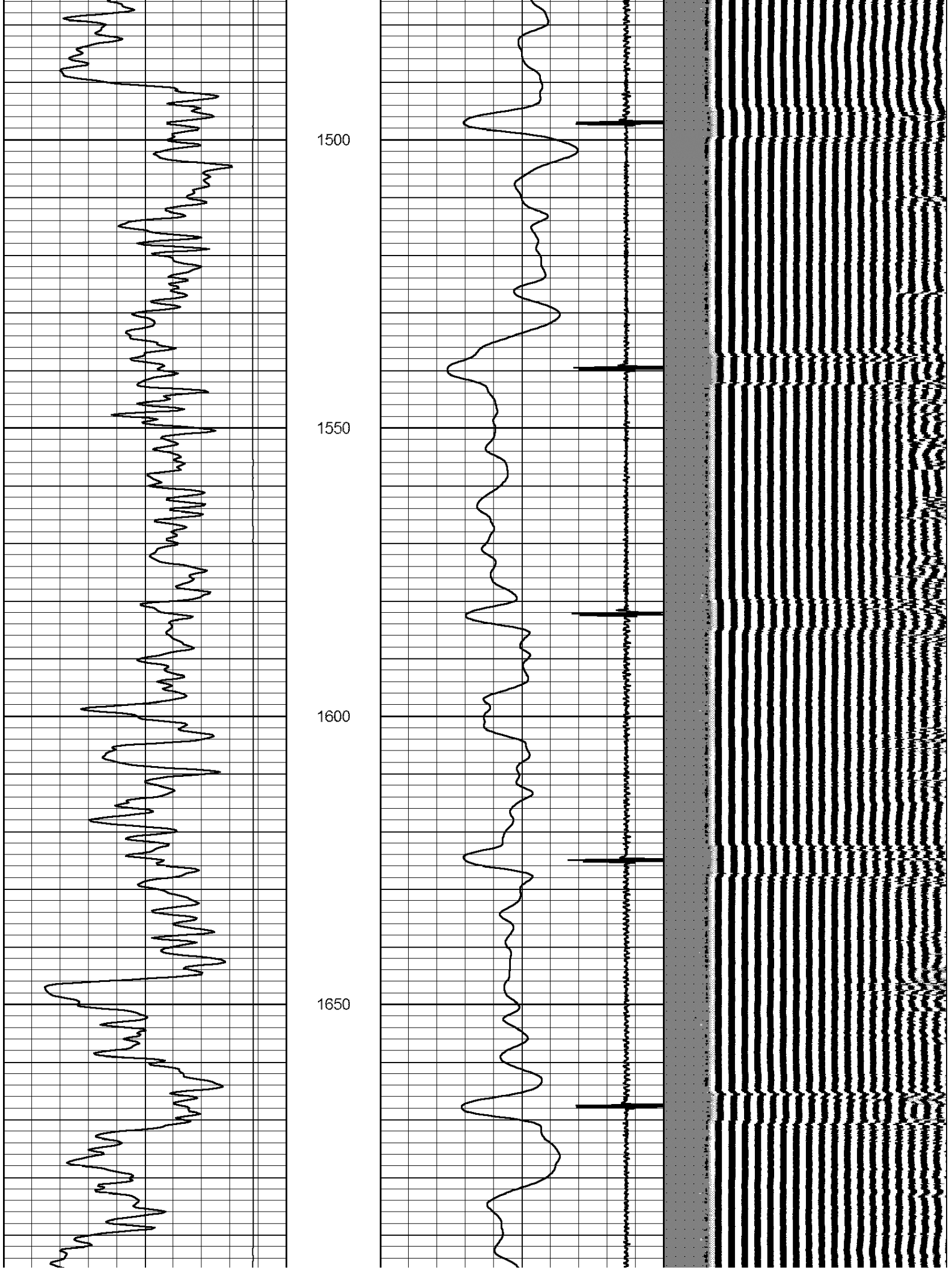
LOG-TECH

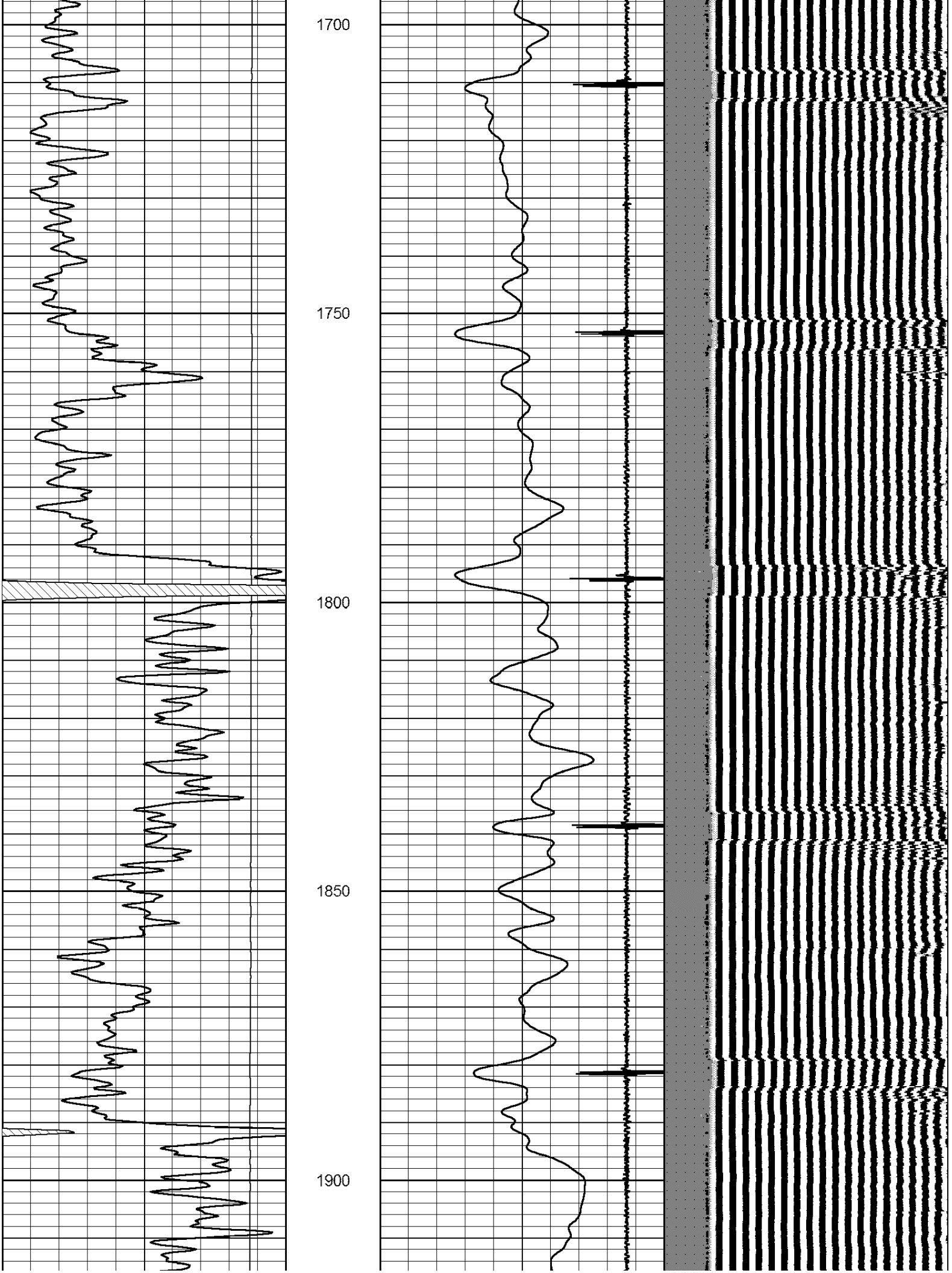
DV TOOL @ 2309

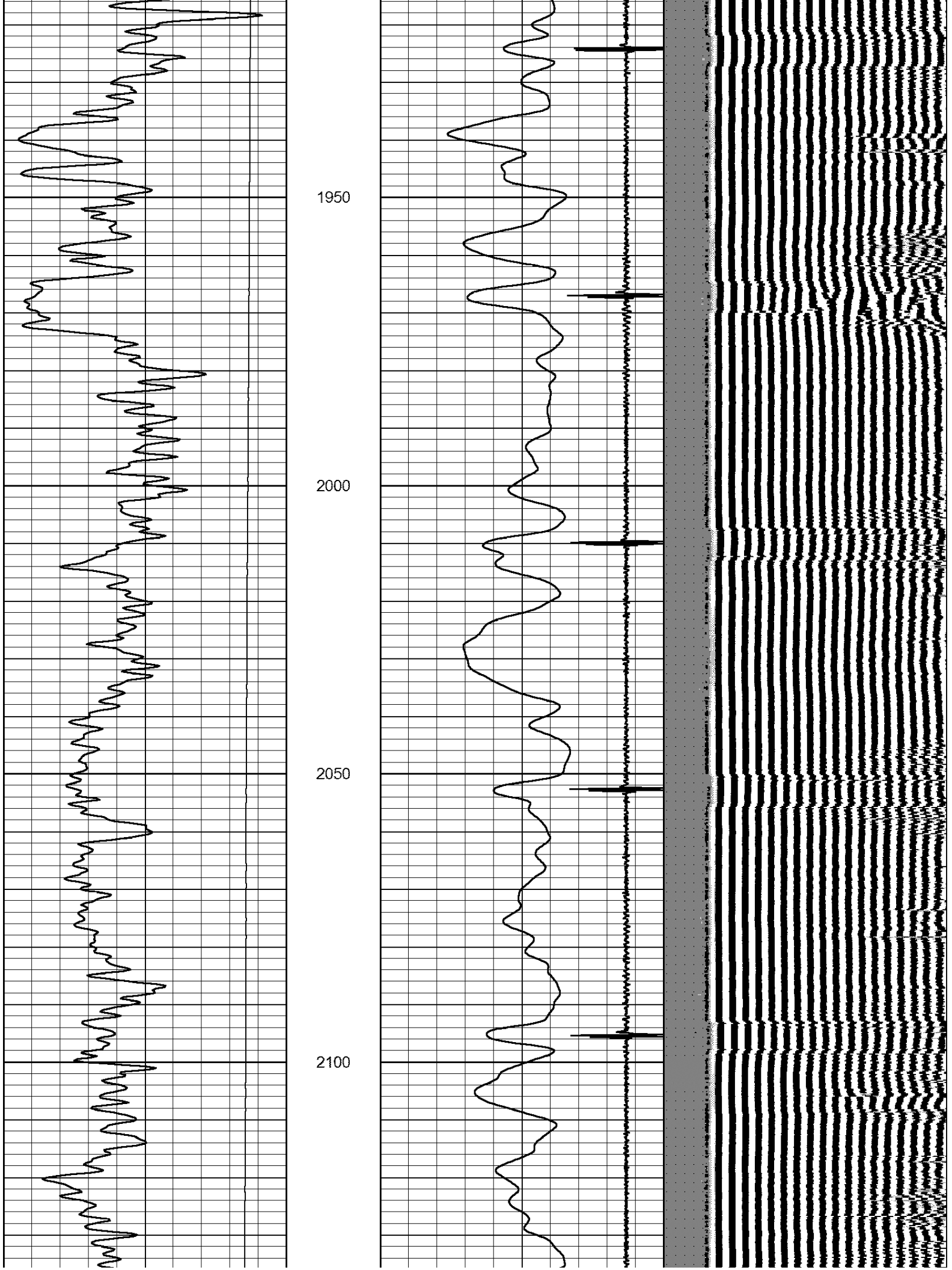
[redacted]

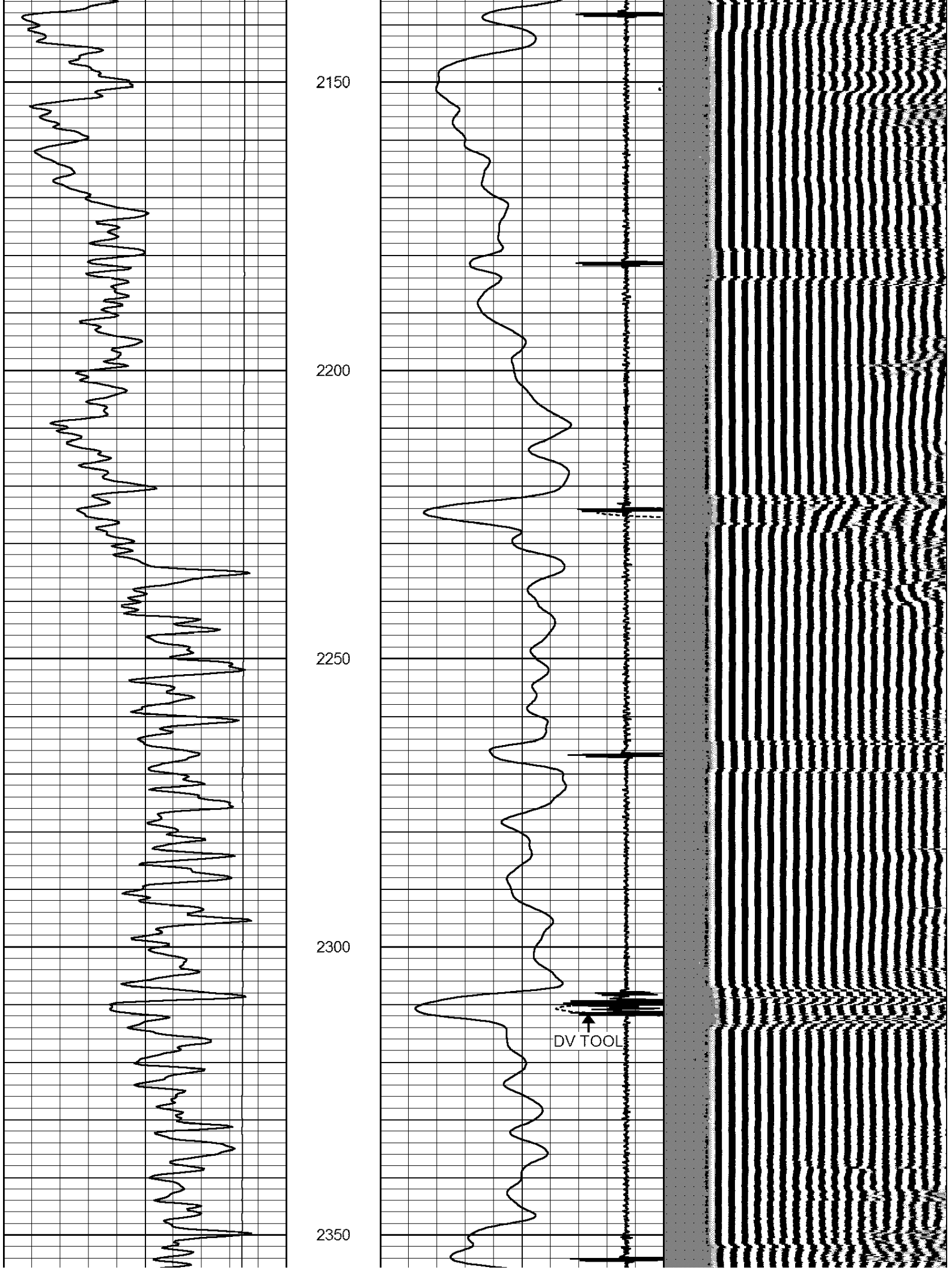
Database File:	lario_parsonsa1-5.db
Dataset Pathname:	grcbl/pass5
Presentation Format:	cbldr
Dataset Creation:	Wed Mar 28 14:47:21 2012 by Log SCH 111116
Charted by:	Depth in Feet scaled 1:240

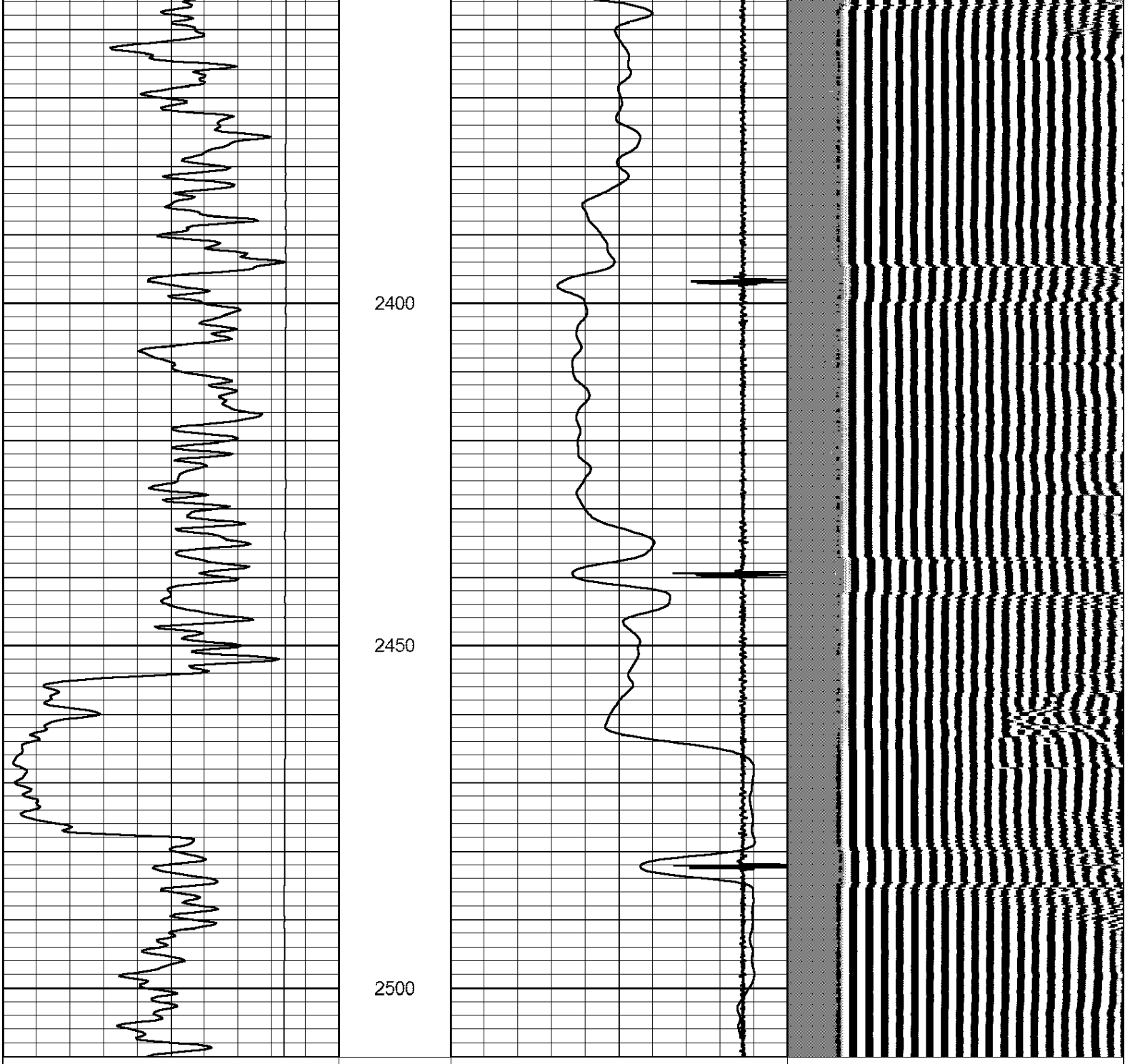



1500
1550
1600
1650


1700
1750
1800
1850
1900


1950
2000
2050
2100


2150
2200
2250
2300
2350
DV TOOL



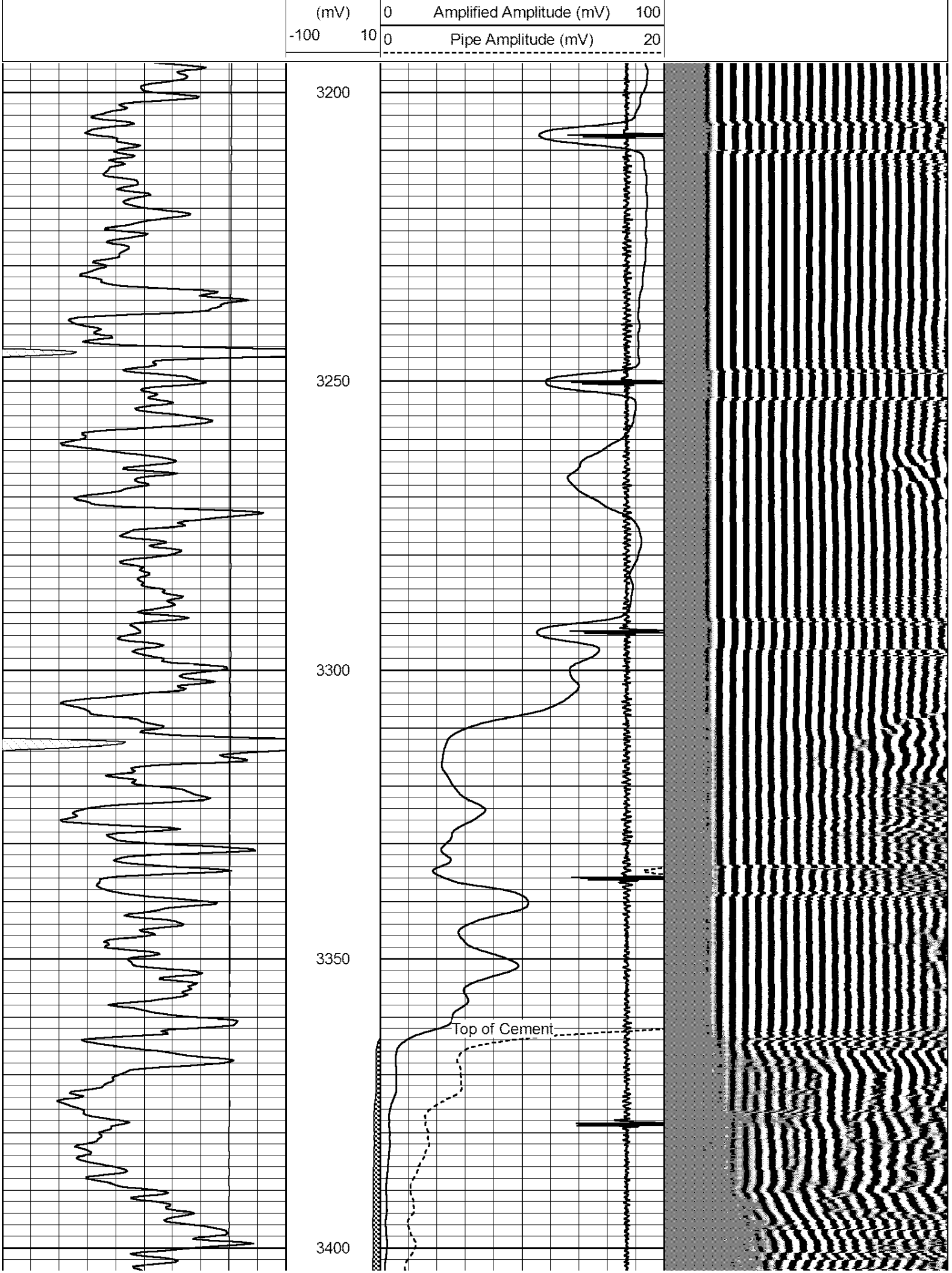
0	Gamma Ray	150	amp3ft (mV) -100 10	4	Casing Collars	-0.6	200	wvf5ft	1200
				0	Amplified Amplitude (mV)	100			
				0	Pipe Amplitude (mV)	20			

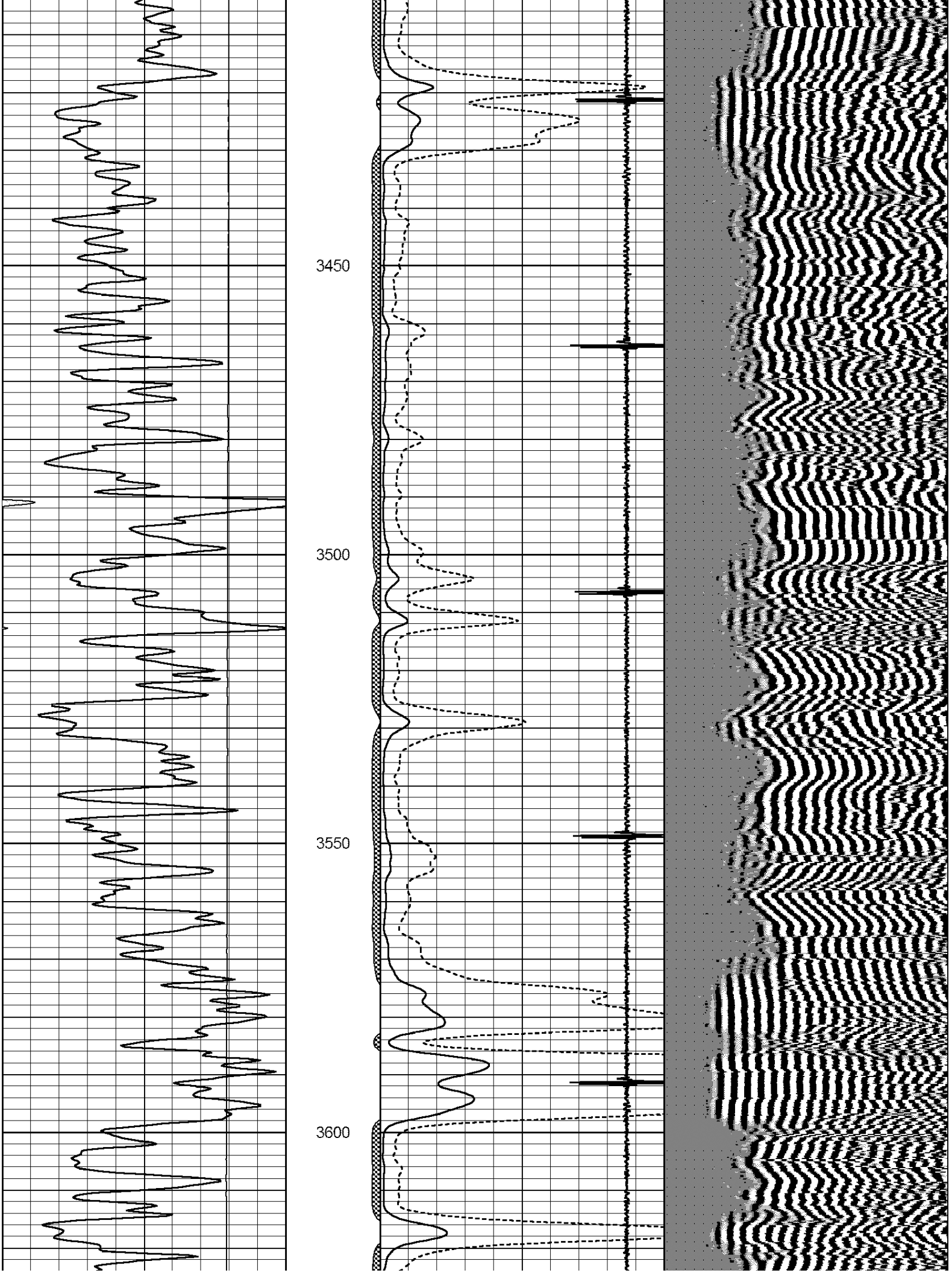
LOG-TECH

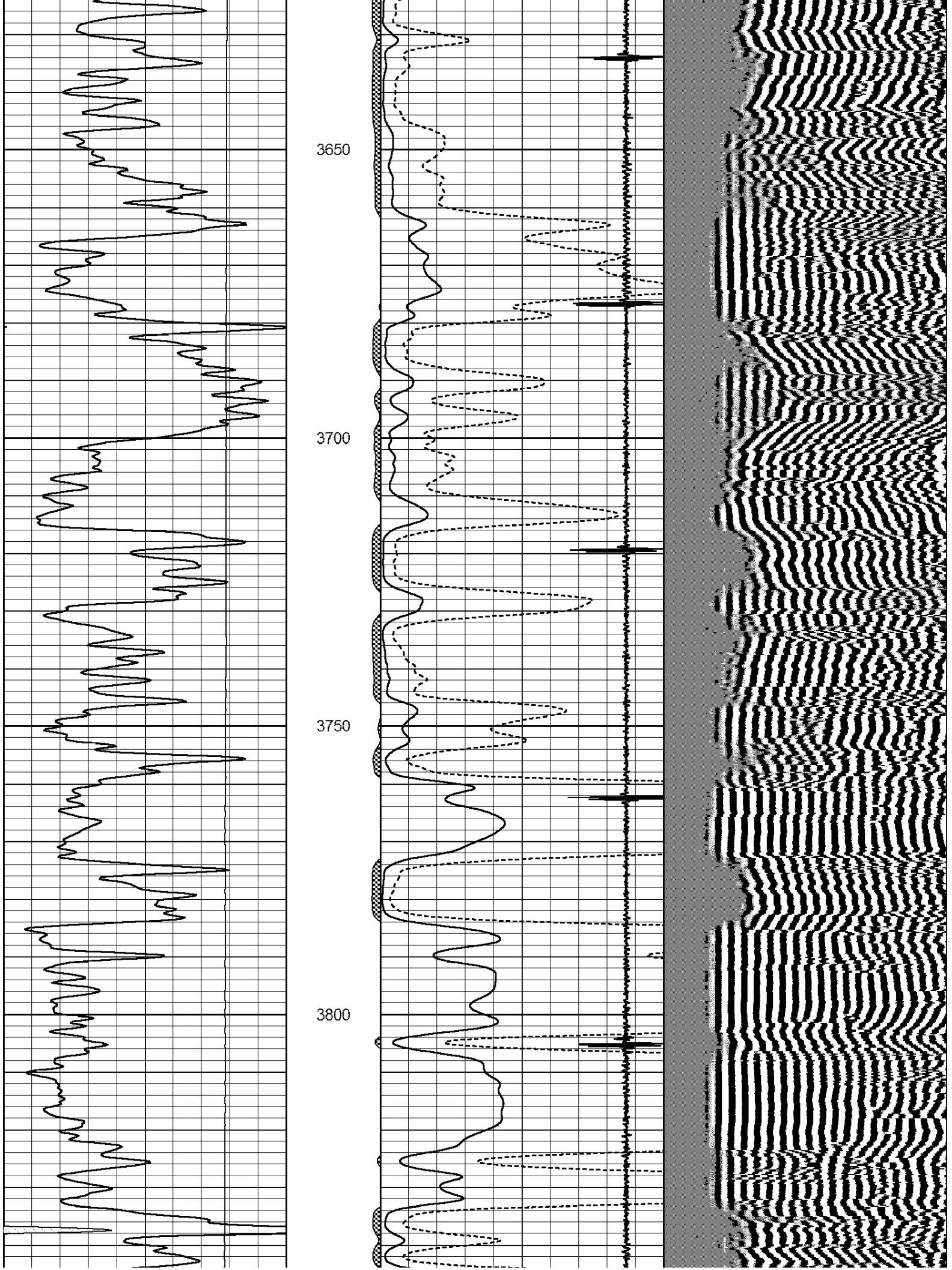
Main Pass

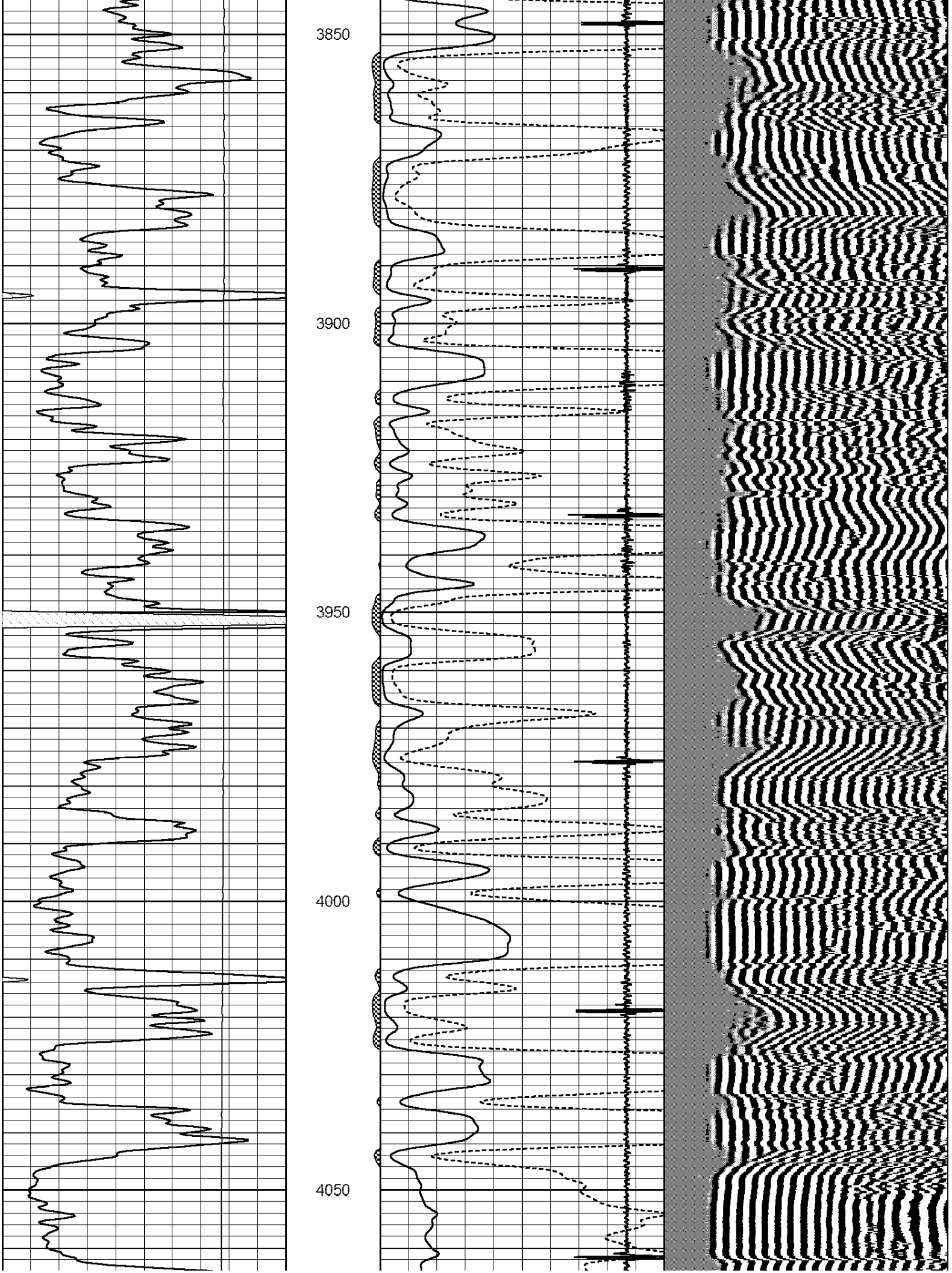
Database File:	lario_parsonsa1-5.db
Dataset Pathname:	grcbl/pass4
Presentation Format:	cbldr
Dataset Creation:	Wed Mar 28 14:17:02 2012 by Log SCH 111116
Charted by:	Depth in Feet scaled 1:240

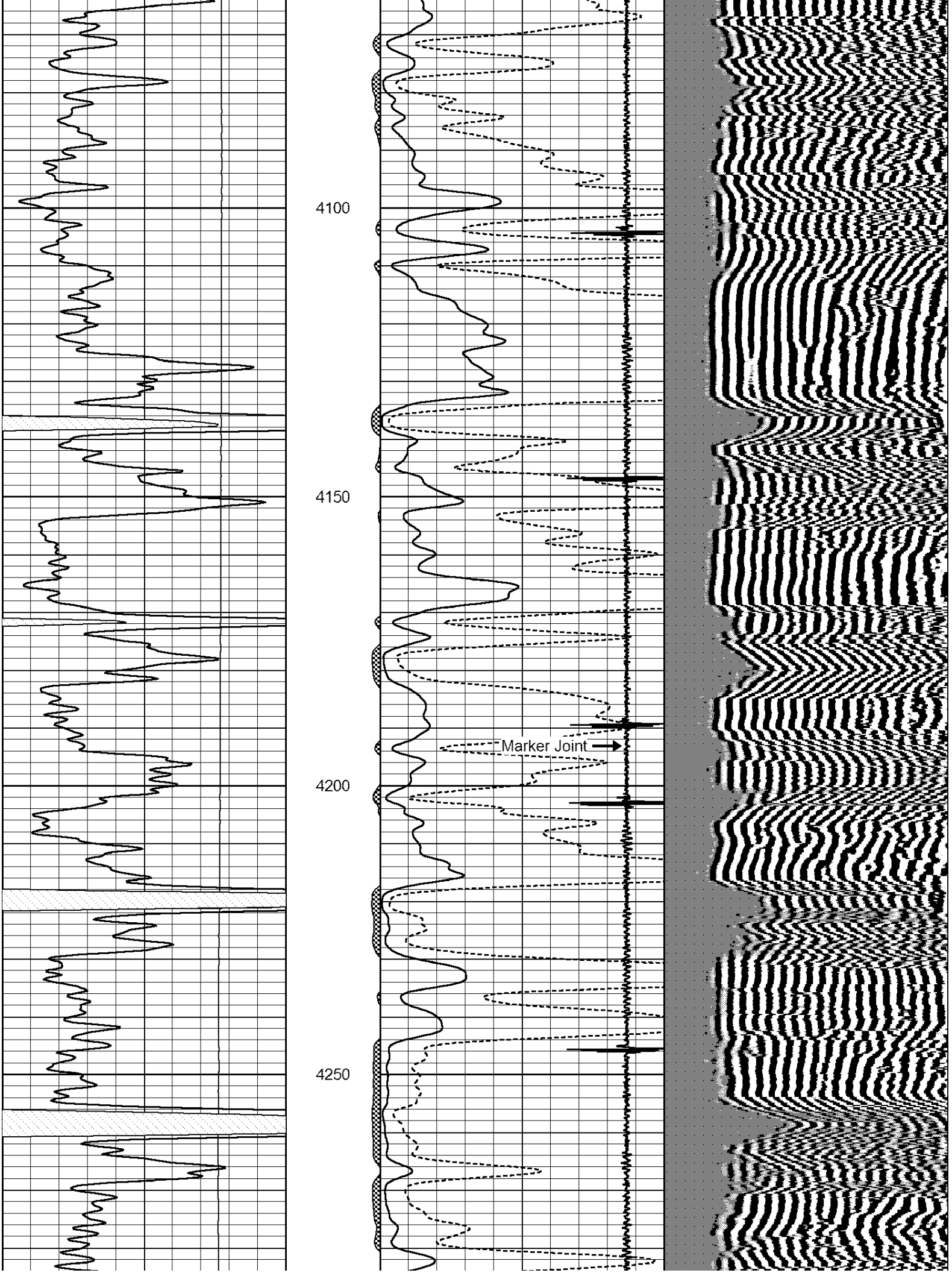
0	Gamma Ray	150	amp3ft	4	Casing Collars	-0.6	200	wvf5ft	1200

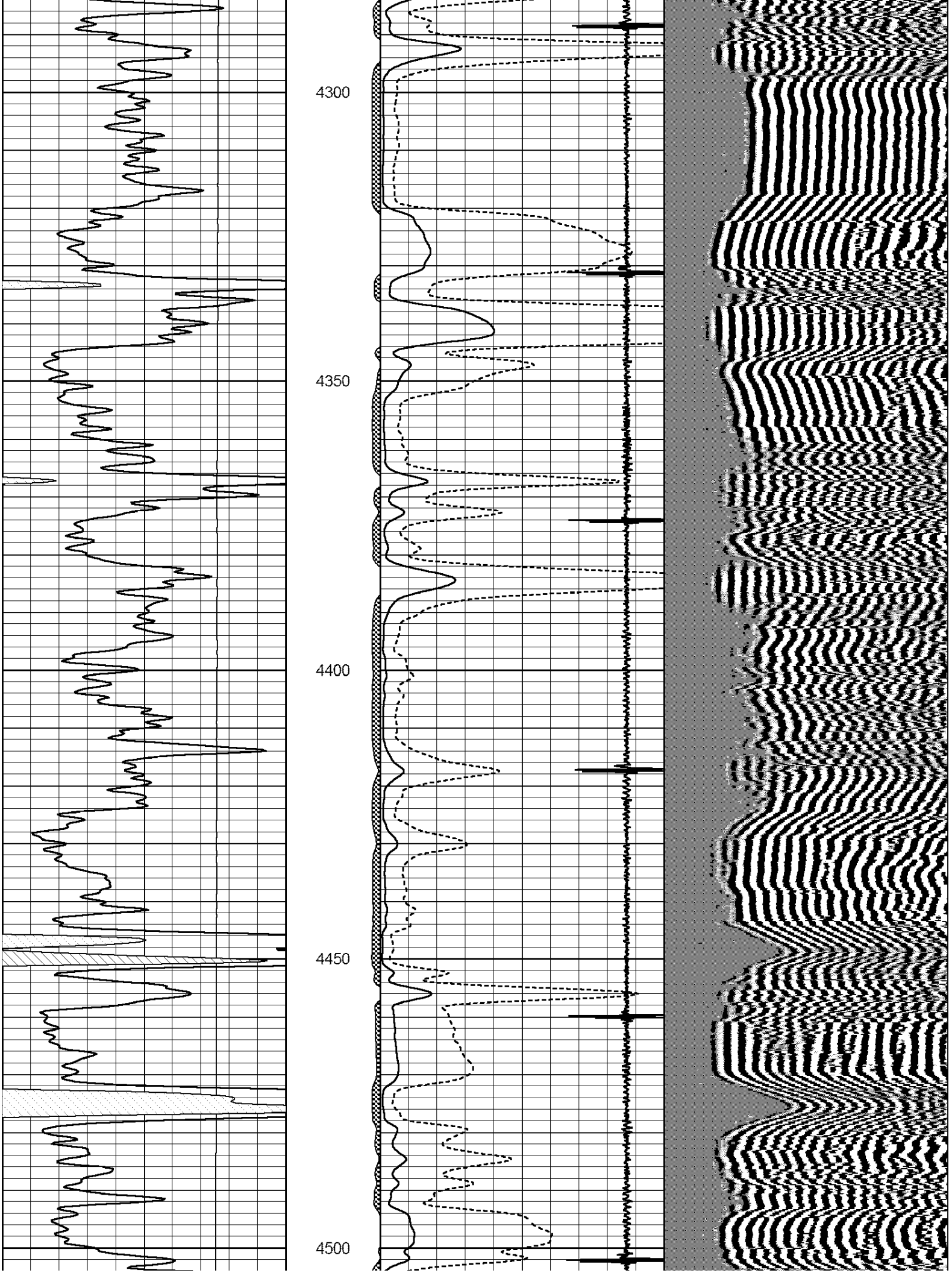

(mV)
-100
10
0
Amplified Amplitude (mV)
100
0
Pipe Amplitude (mV)
20
3200
3250
3300
3350
3400
Top of Cement

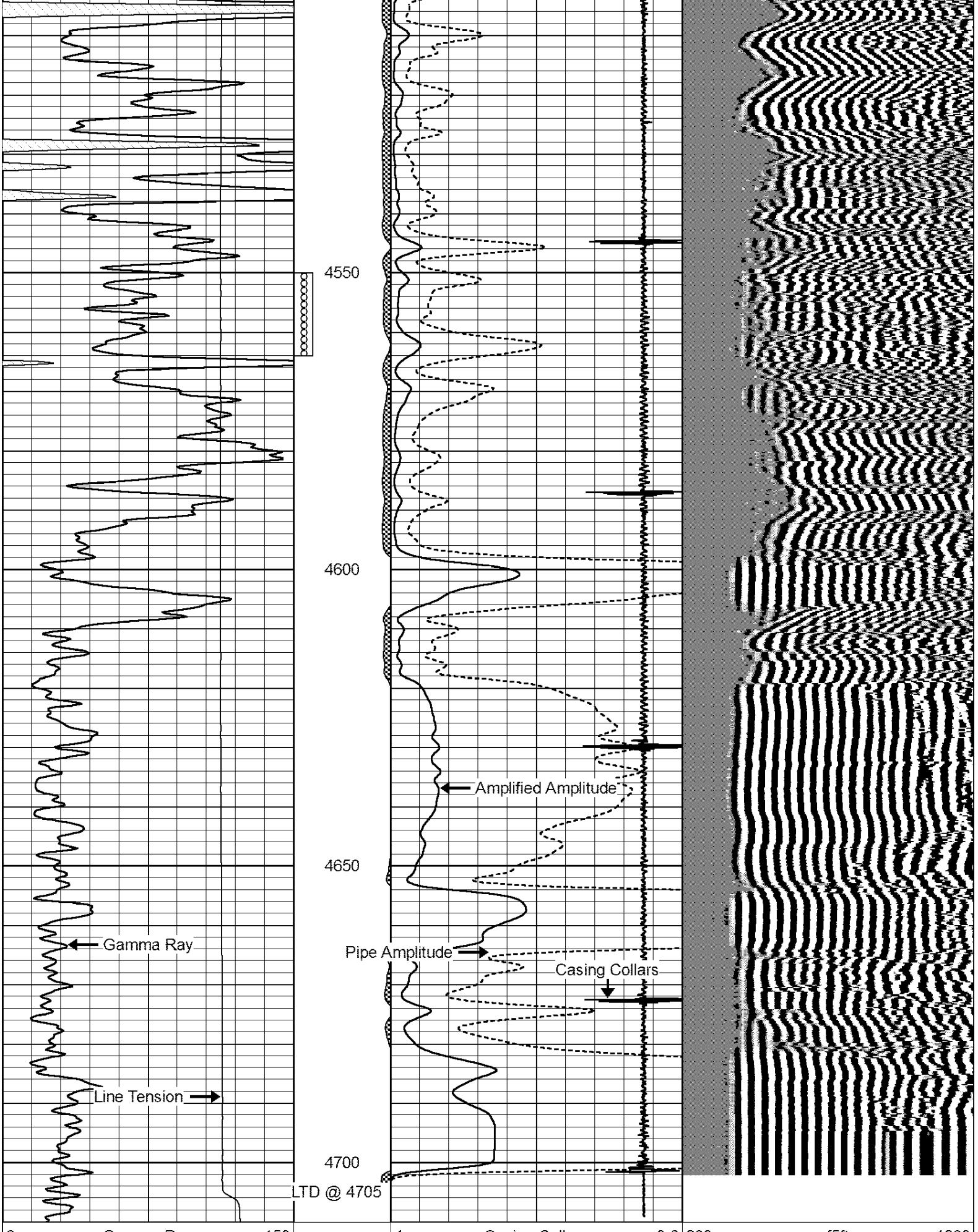

3450
3500
3550
3600


3650
3700
3750
3800


3850
3900
3950
4000
4050


4100
4150
Marker Joint
4200
4250

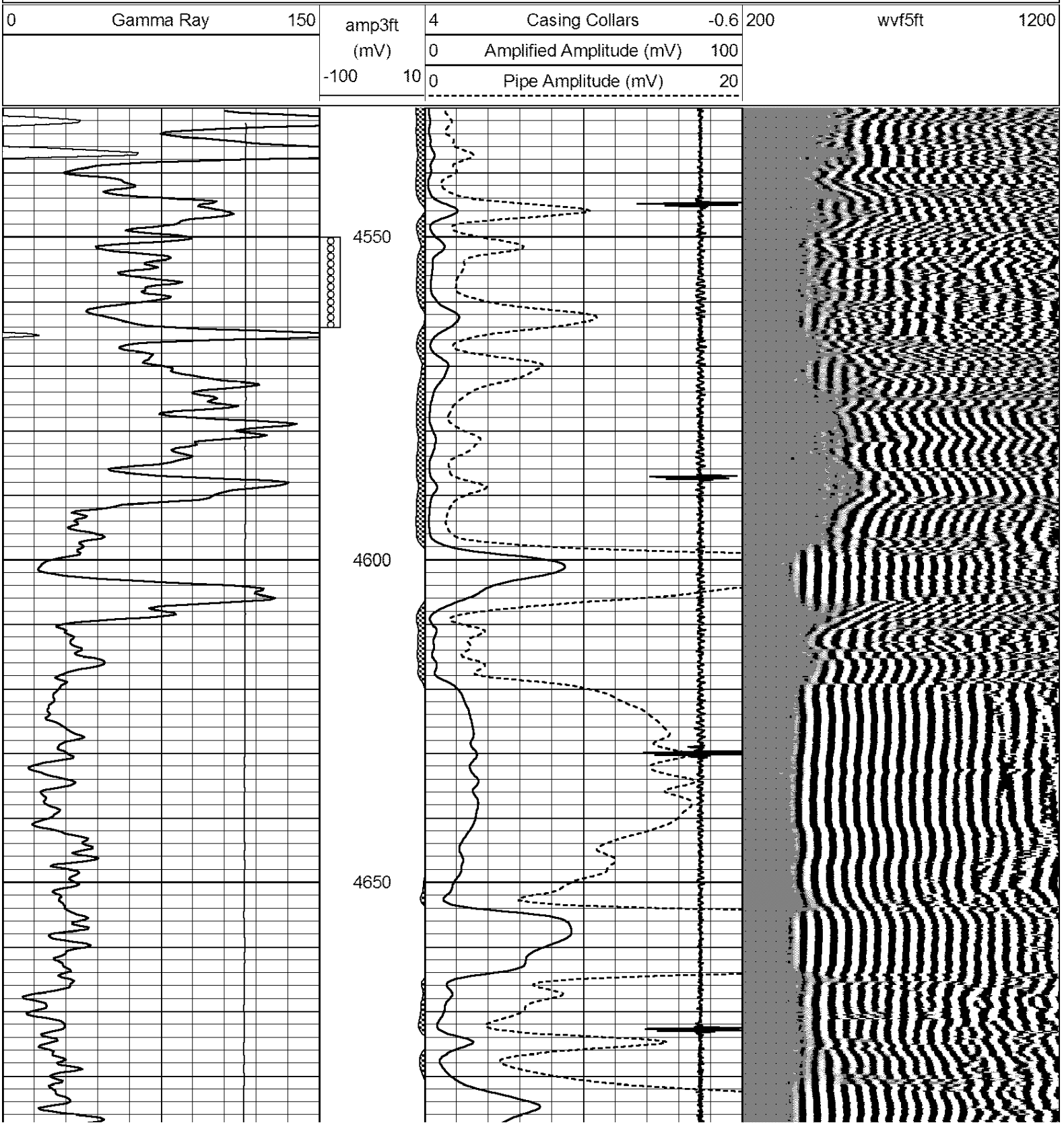

4300
4350
4400
4450
4500

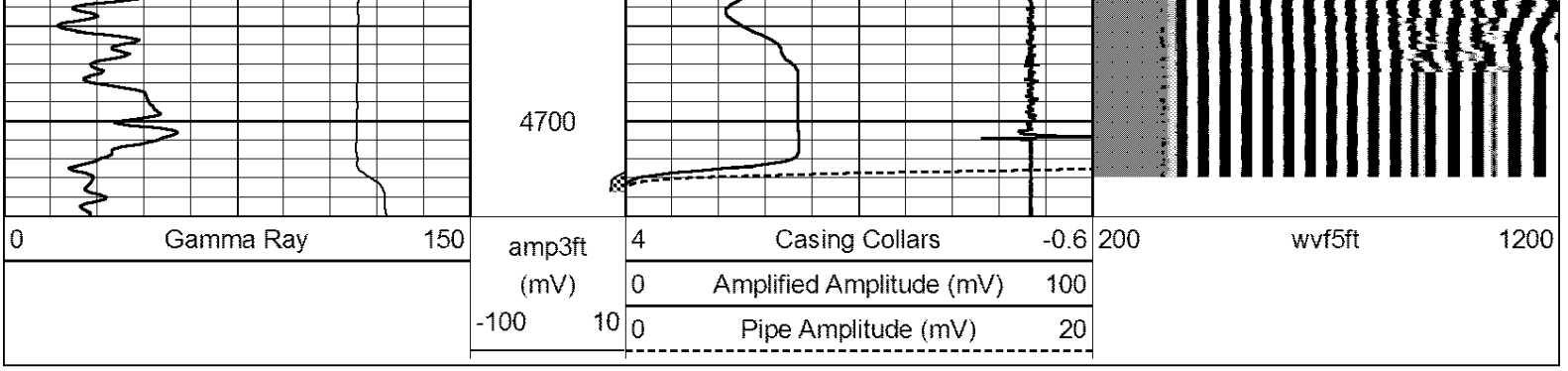

4550
4600
4650
4700
Amplified Amplitude
Gamma Ray
Pipe Amplitude
Casing Collars
Line Tension
LTD @ 4705
0 Gamma Ray 150
amp3ft
(mV)
-100 10
4 Casing Collars -0.6
0 Amplified Amplitude (mV) 100
0 Pipe Amplitude (mV) 20
200 wvf5ft 1200

LOG-TECH

Repeat Section

Database File:	lario_parsonsa1-5.db
Dataset Pathname:	grcbl/pass2
Presentation Format:	cbldr
Dataset Creation:	Wed Mar 28 14:07:06 2012 by Log SCH 111116
Charted by:	Depth in Feet scaled 1:240





0 Gamma Ray 150	amp3ft (mV) -100 10	4 Casing Collars -0.6	200 wvf5ft 1200
		0 Amplified Amplitude (mV) 100	
		0 Pipe Amplitude (mV) 20	