



PIONEER

Pioneer Energy Services

Sonic Cement Bond Log

API No.

15-053-21283-00-00

Company LB Exploration

Well Jeznek No. 4

Field Stoltenberg

County Ellsworth

State Kansas

Location

2310' FNL & 1155' FEL

Other Services

Sec: 21 Twp: 16 S Rge: 10 W

Elevation

Permanent Datum Ground Level Elevation 1862
Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 1875
D.F.
G.L. 1862

Run Number

One

Date Survey

03/20/2013

Date Cementing

03/05/2013

Type Cementing Operation

Primary

Depth Driller

3610

Depth Logger

3380

Logged Interval

3379 to 2300

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

75

Salinity PPM CL

////

Weight lb/gal -- Vis.

////

Approx. Logged Cement Top

2432

Calculated Cement Top

114

Max. Hole Temperature

RBT 71

Tool No.

3-5

Spacing Recorded

71

Equipment -- Location

Scott Clemont

Recorded By

Rick Popp

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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
(785) 625-3858

Wilson Ks, South to P Rd.
3 East to 4 Rd, 1/2 South to Driveway
West Into



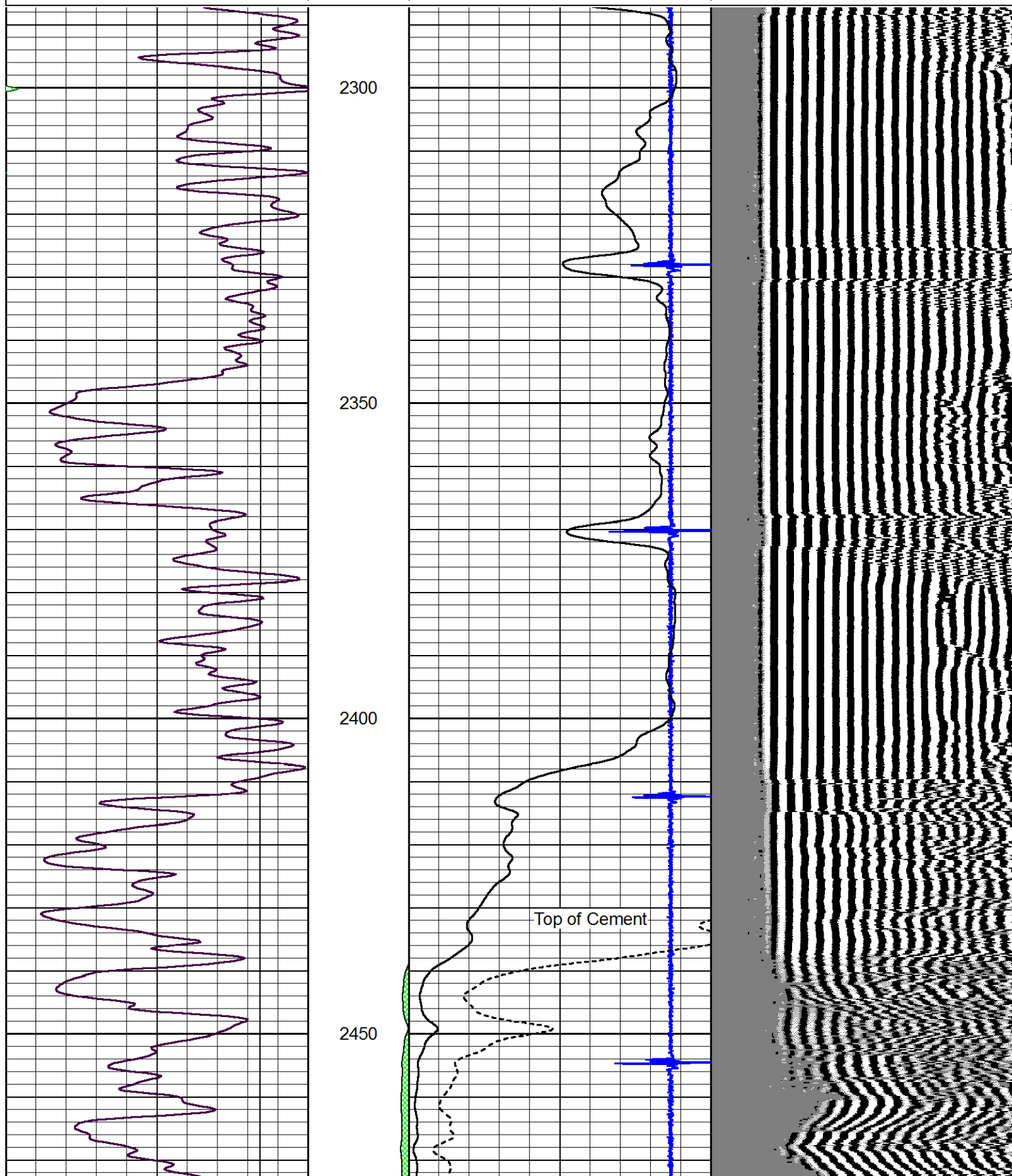
PIONEER

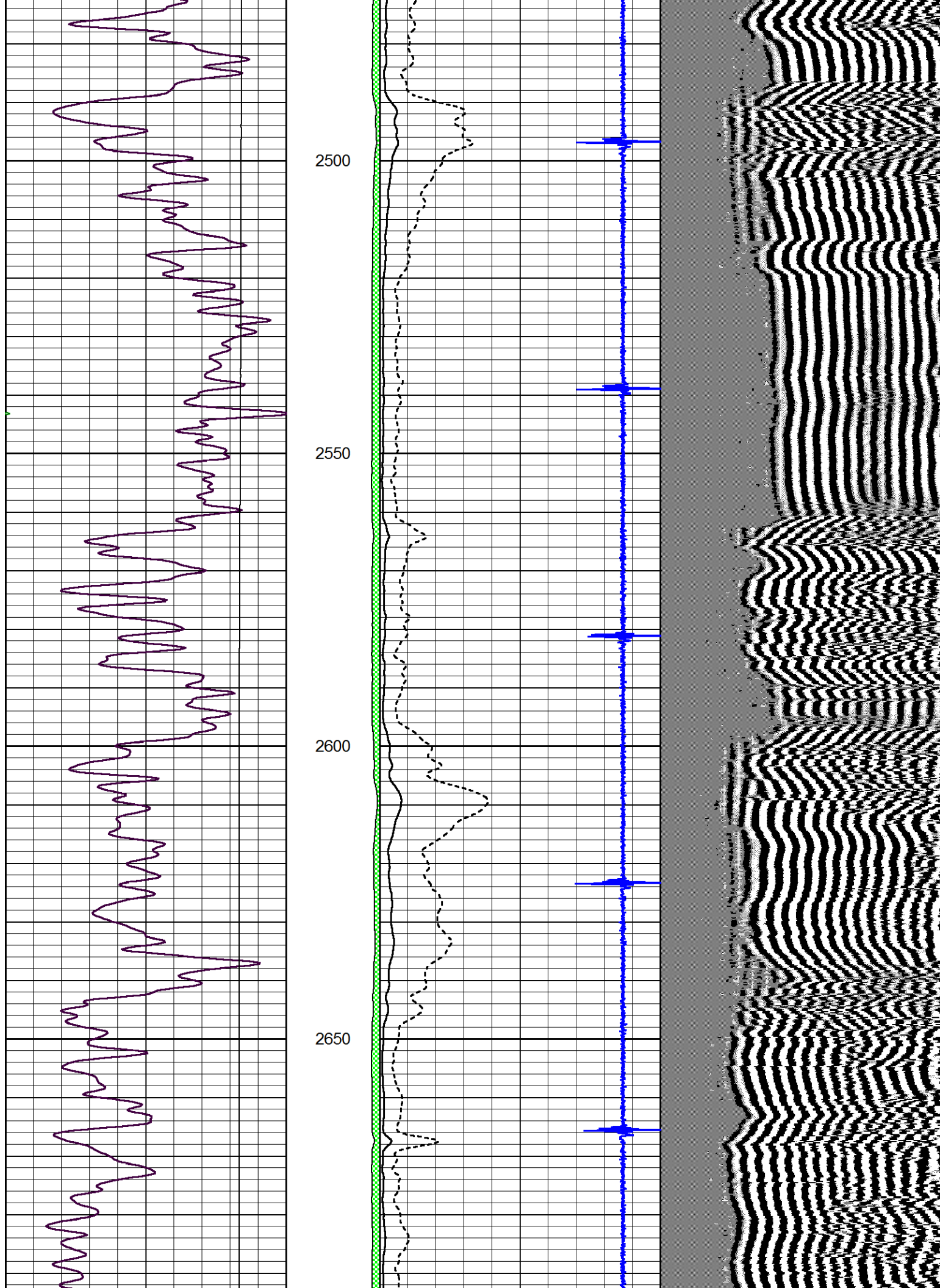
Pioneer Energy Services

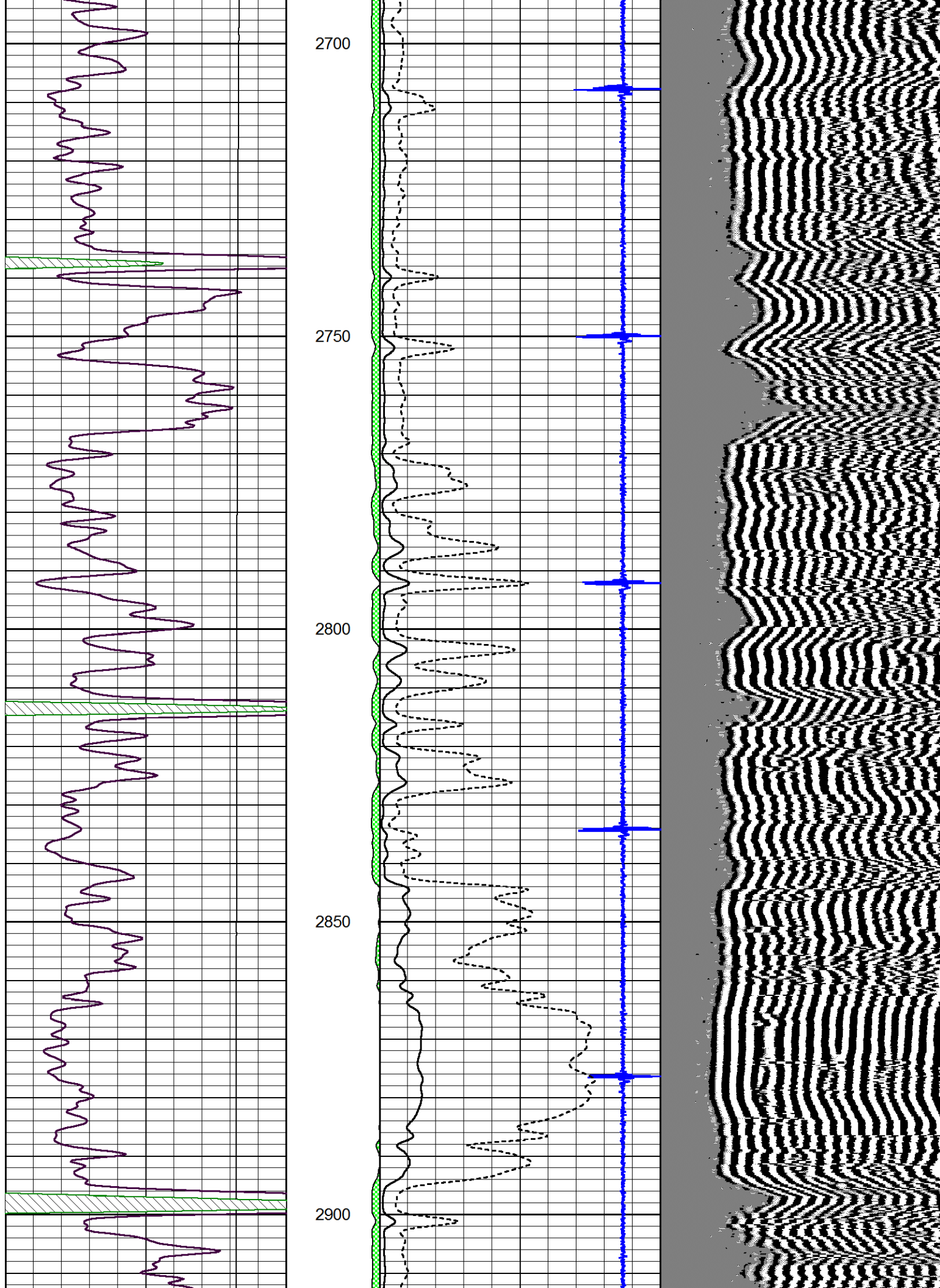
Main Pass

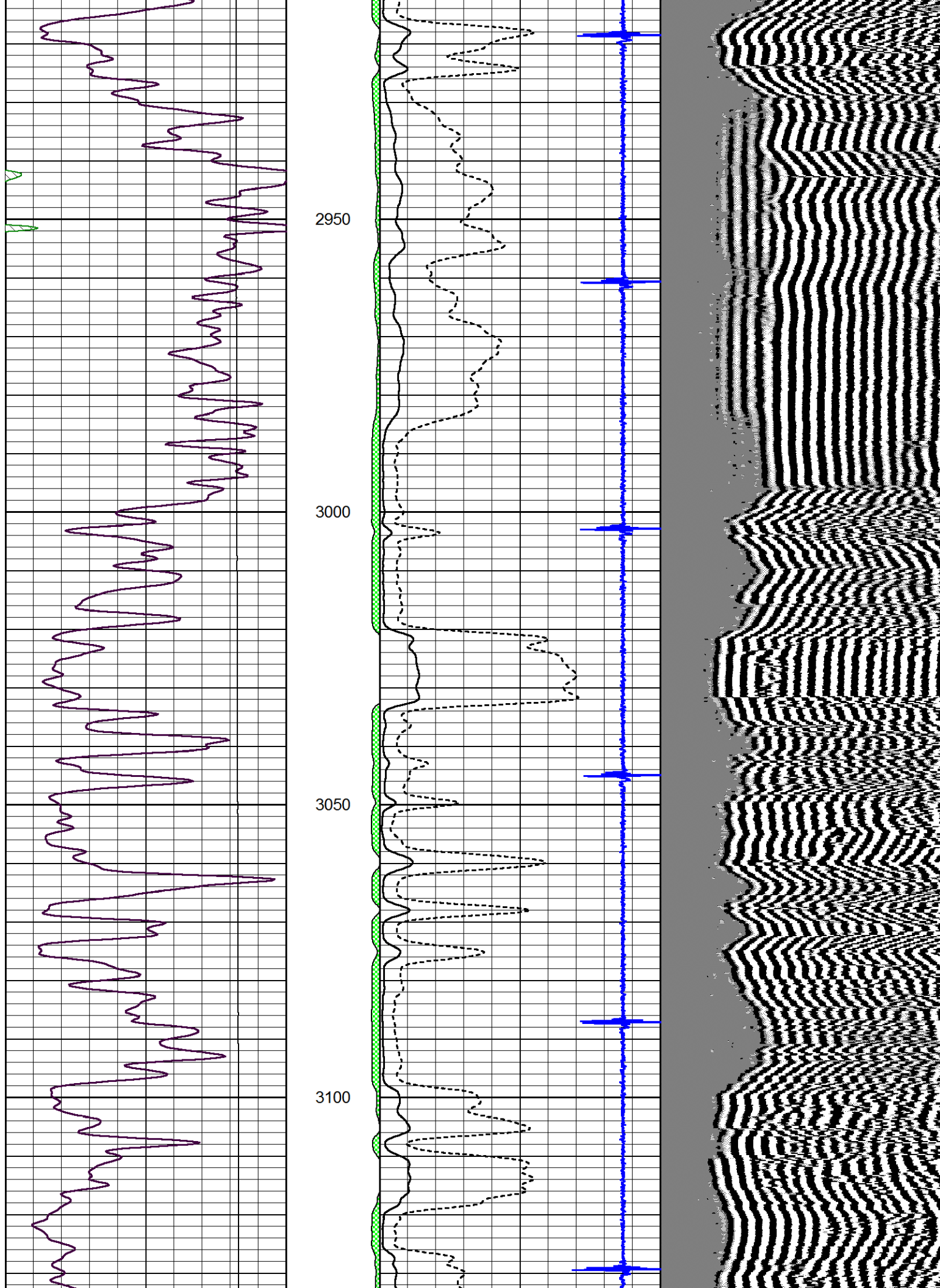
Database File: lbexplo_jeznek_#4.db
Dataset Pathname: grcbl/pass3
Presentation Format: cbldr
Dataset Creation: Wed Mar 20 15:31:27 2013 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

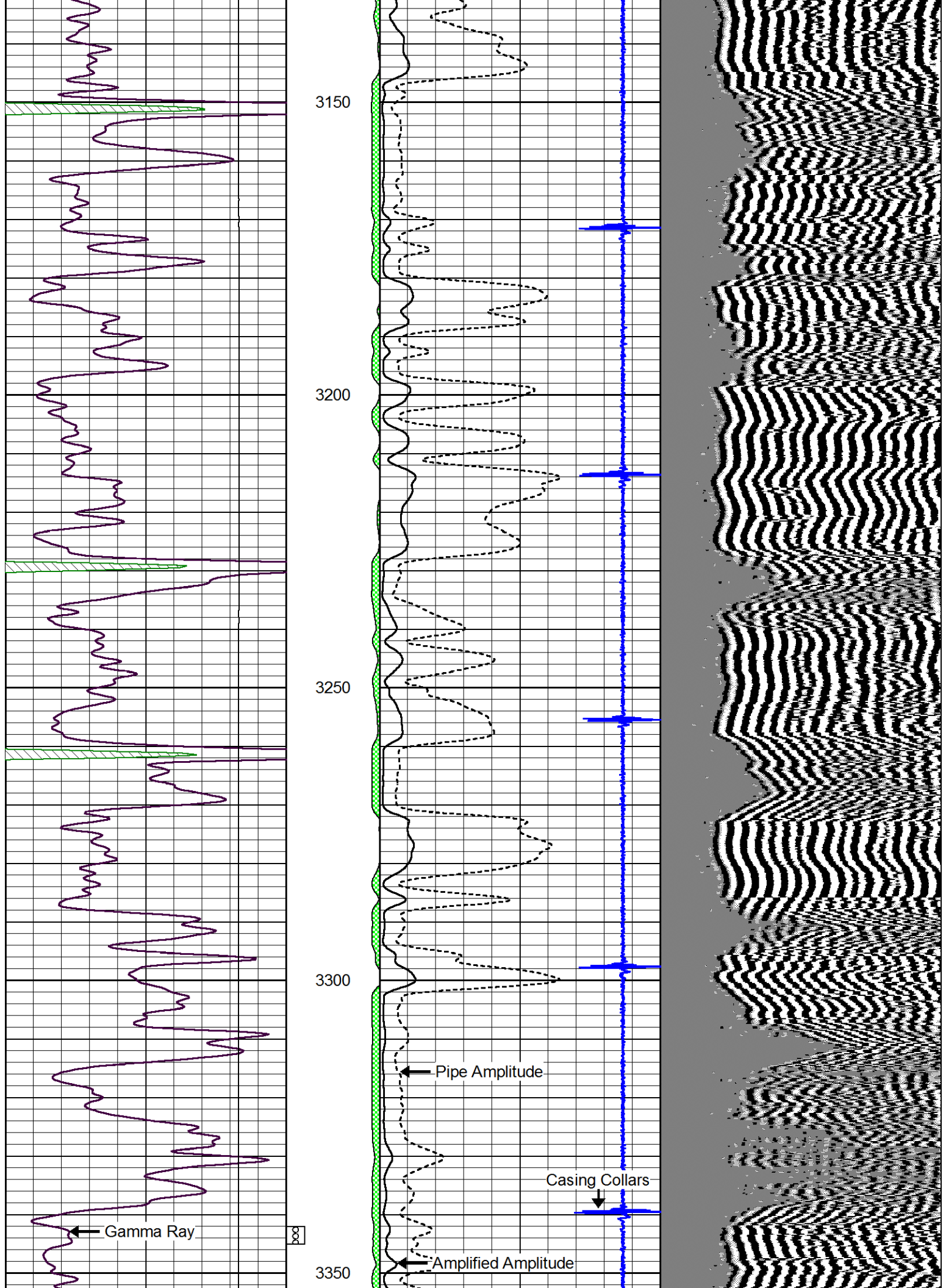
0	Gamma Ray	150	amp3ft	4	Casing Collars	-0.6	200	wvf5ft	1200
			(mV)	0	Amplified Amplitude (mV)	100			
			-100 10	0	Pipe Amplitude (mV)	20			

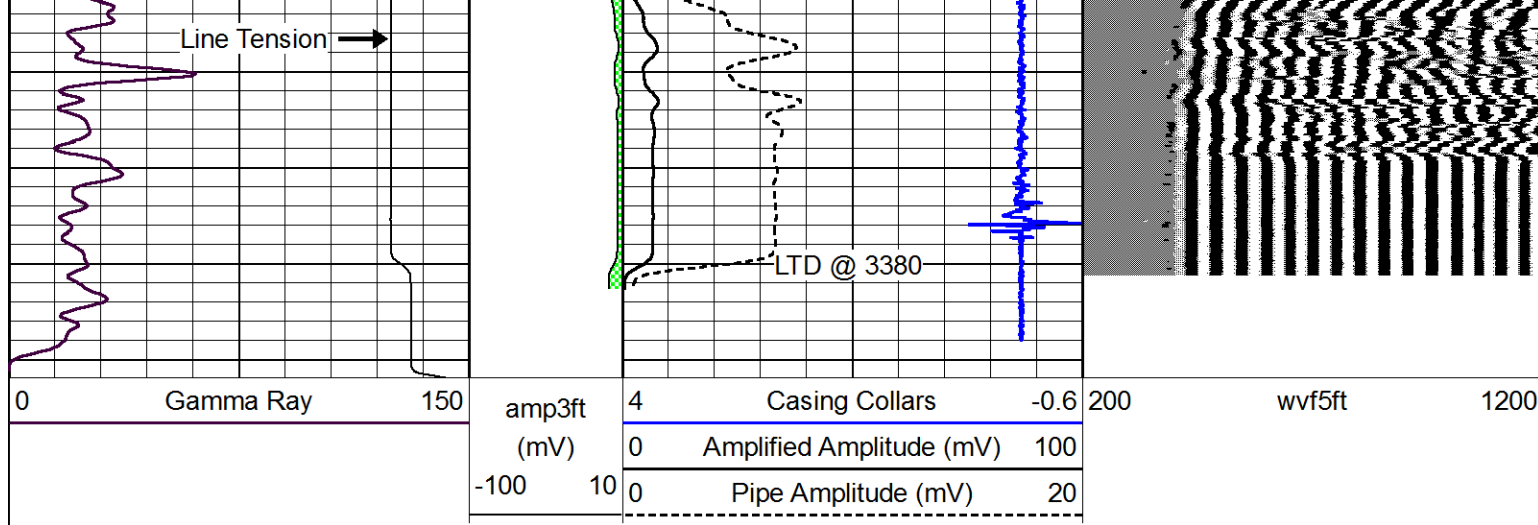












Repeat Section

Database File: lbexplo_jeznek_#4.db
 Dataset Pathname: grcbl/pass2
 Presentation Format: cbldr
 Dataset Creation: Wed Mar 20 15:26:11 2013 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

