



Sonic Cement Bond Log

Pioneer Energy Services

API No.

15-095-22271

Company Indian Oil Company, Inc.

Well Stateline No.4

Field

County Barber

State Kansas

Location

725' FSL & 330' FEL

Other Services
GRN

Sec: 13 Twp: 35S Rge: 12W

Permanent Datum Ground Level Elevation 1340
Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 1351
D.F. 1340
G.L. 1340

Run Number

One

Date Survey

8/6/2014

Date Cementing

7/29/2014

Type Cementing Operation

Primary

Depth Driller

5125

Depth Logger

5085

Logged Interval

5085 to 4180

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

4380

Calculated Cement Top

////

Max. Hole Temperature

////

Tool No.

RBT 1-1

Spacing Recorded

3-5

Equipment -- Location

106 Pratt

Recorded By

M. Schwerdtfeger

Witnessed By

Anthony Farrar

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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

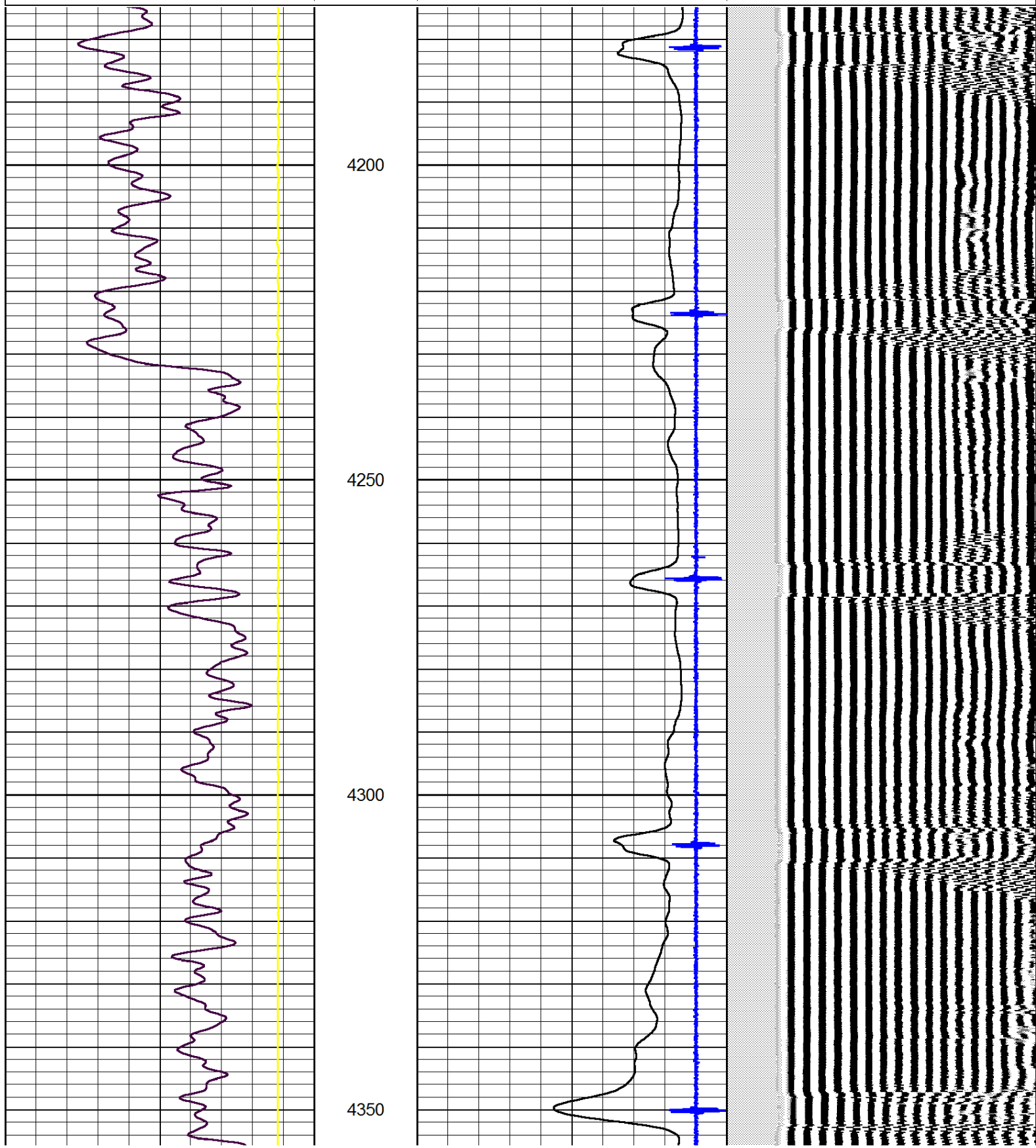
Thank you for using Pioneer Energy Services
(620) 672-8300
Medicine Lodge Ks,
19 South On Hwy. 281 To Stubbs Rd,
3/4 South,
West Into

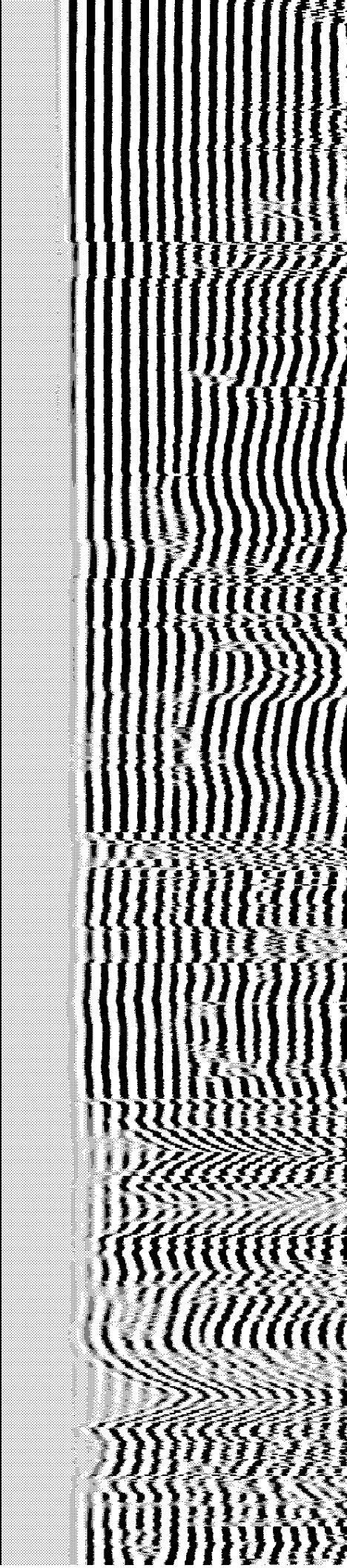
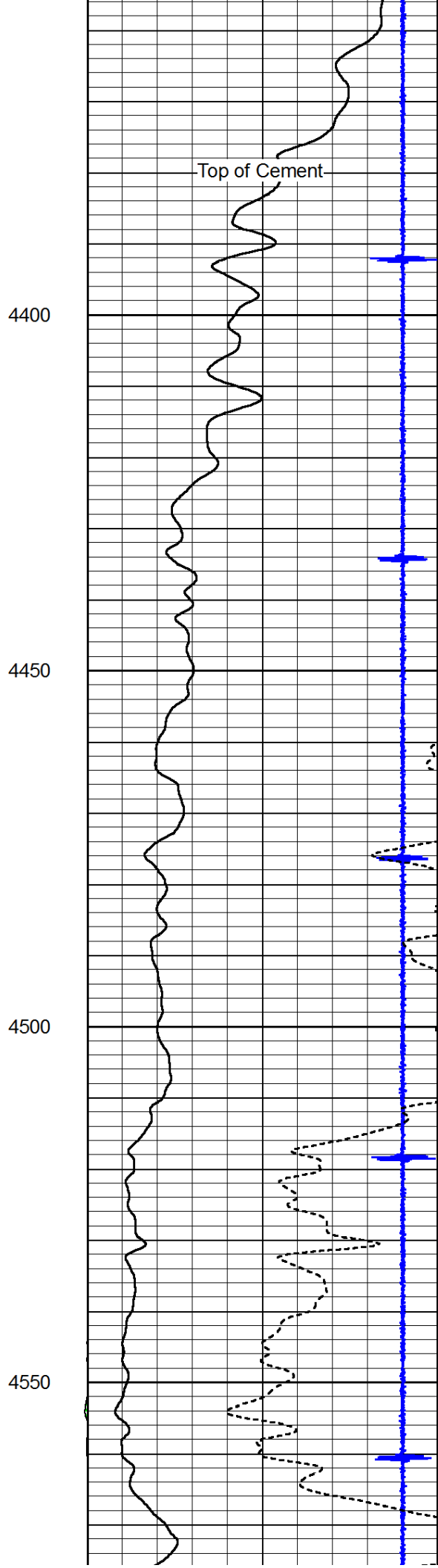
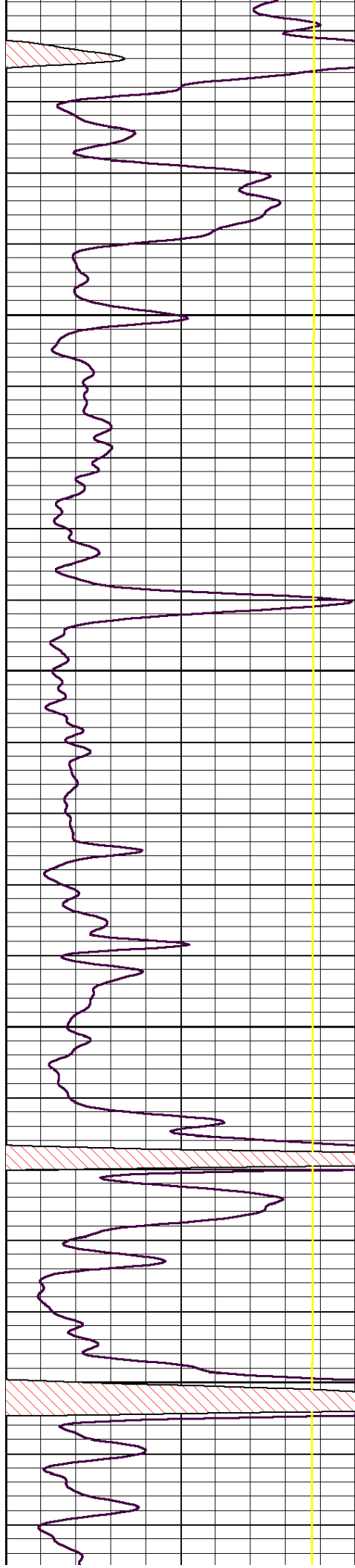


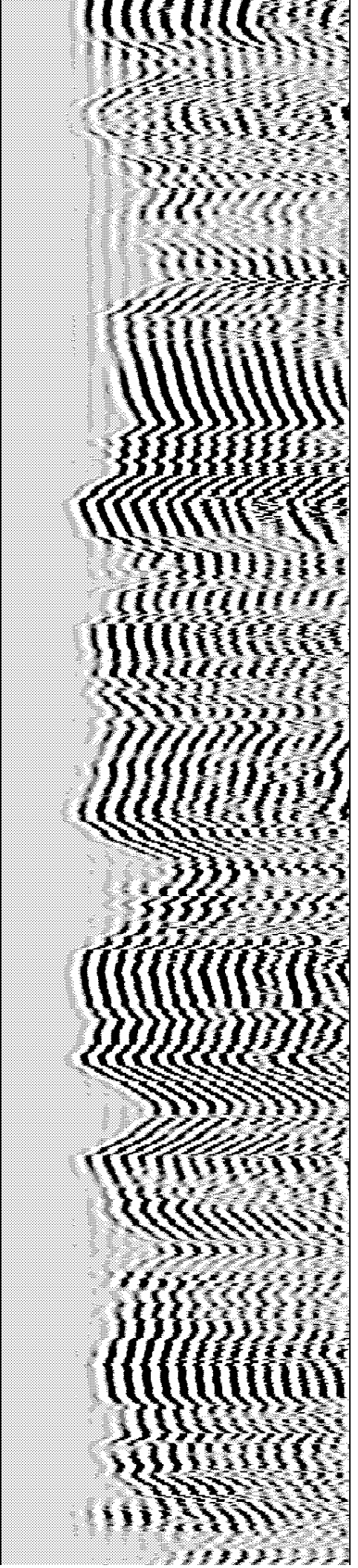
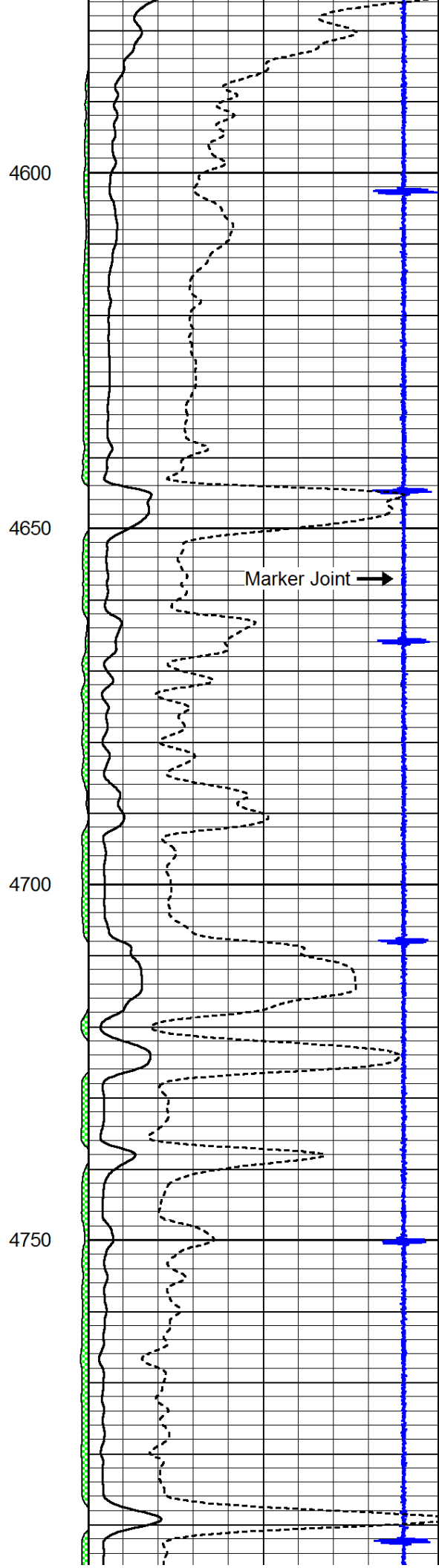
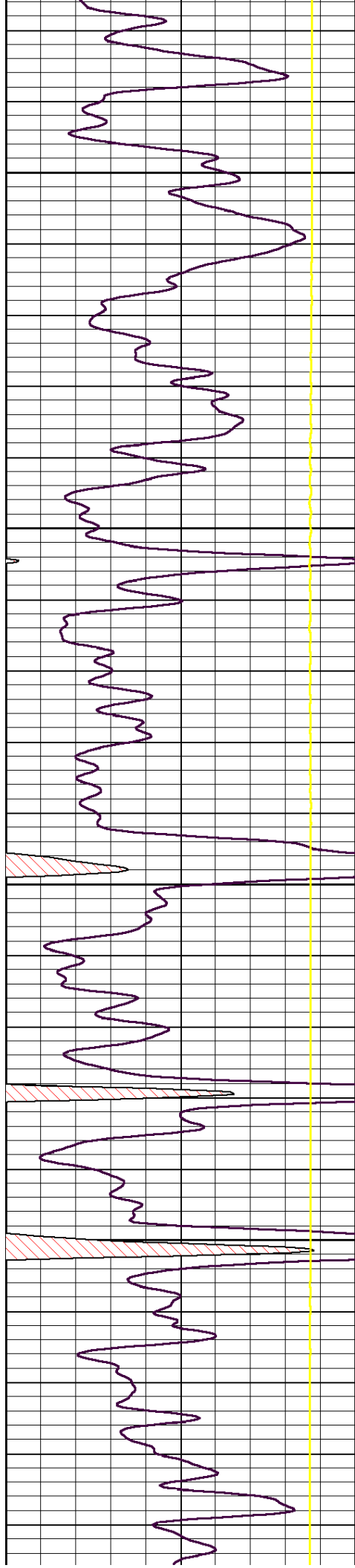
Main Pass

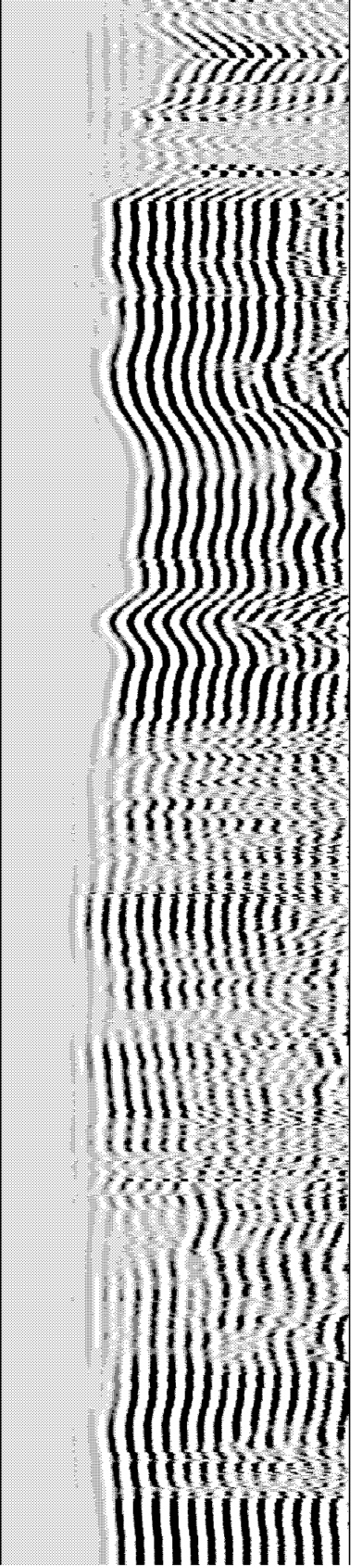
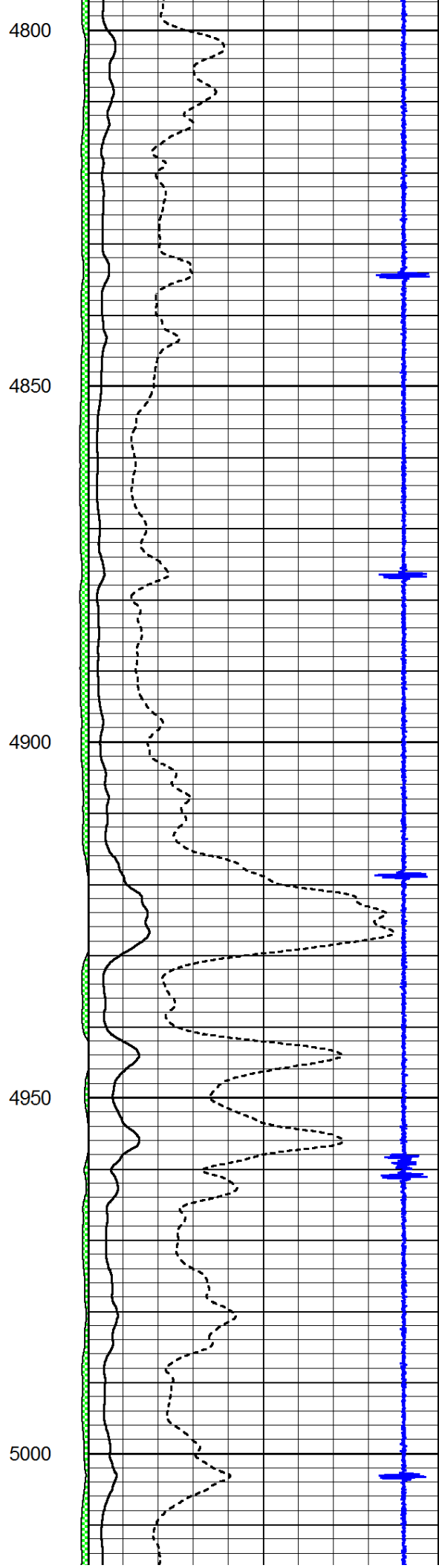
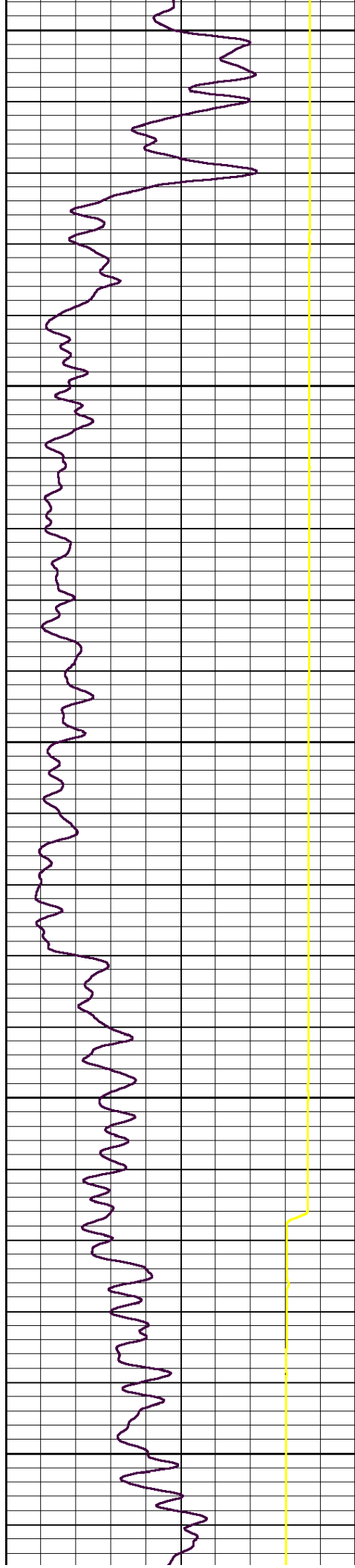
Database File: indianoil_stateline_4.db
Dataset Pathname: grncbl/pass4
Presentation Format: cbldr
Dataset Creation: Wed Aug 06 14:22:50 2014 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

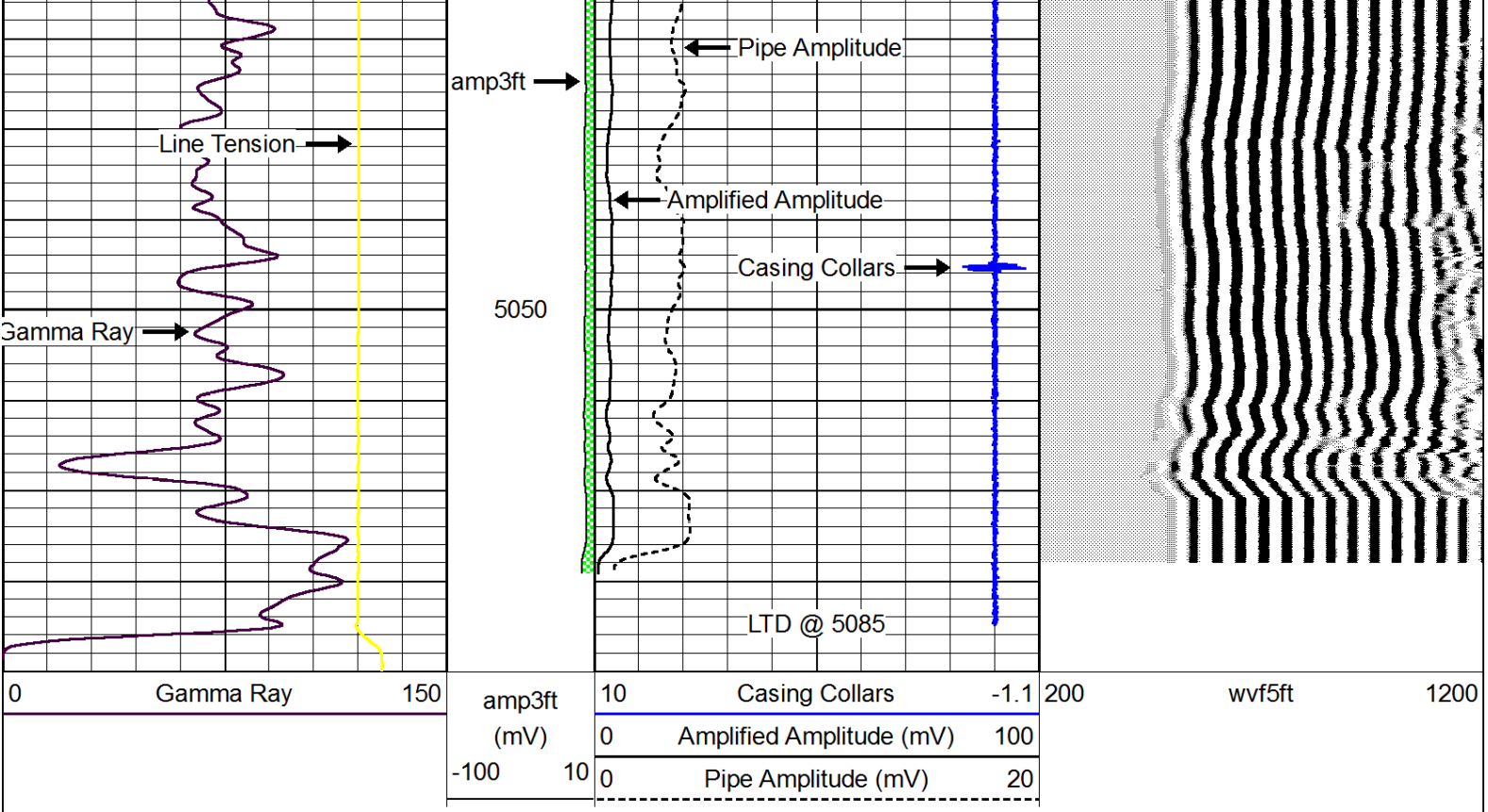
0	Gamma Ray	150	amp3ft	10	Casing Collars	-1.1	200	wvf5ft	1200
			(mV)	0	Amplified Amplitude (mV)	100			
			-100	10	Pipe Amplitude (mV)	20			











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Repeat Section

Database File: indianoil_stateline_4.db
Dataset Pathname: grncbl/pass3
Presentation Format: cbldr
Dataset Creation: Wed Aug 06 14:15:12 2014 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	amp3ft	10	Casing Collars	-1.1	200	wvf5ft	1200
			(mV)	0	Amplified Amplitude (mV)	100			
			-100 10	0	Pipe Amplitude (mV)	20			

