



PIONEER

Pioneer Energy Services

**Sector Bond / Gamma Ray
CCL Log**

API No.

15-127-20592-00-00

**Company Ventex Oil & Gas
Well Herpich Trust No. 1
Field Masters Creek
County Morris State Kansas**

Location

2310' FSL & 1050' FEL

Sec: 28 Twp: 16S Rge: 5E

Other Services
Perforate
Mast Trailer

Permanent Datum Ground Level Elevation 1463
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 1468
D.F. 1467
G.L. 1463

Run Number

One

Date Survey

12/4/2012

Date Cementing

6/29/2012

Type Cementing Operation

Primary

Depth Driller

2478

Depth Logger

2418

Logged Interval

2416 to 1000

Casing Driller

5.5 @ T.D.

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

290

Calculated Cement Top

|||||

Max. Hole Temperature

90

Tool No.

R-1

Spacing Recorded

3-5

Equipment -- Location

72 Hays

Recorded By

K. Ladrigan

Witnessed By

Gary Brumley

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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, Inc. 785.625.3858

Herington, KS., 3 South to 200 Road, East to 2900 Road, .25 North
West Into.



Main Pass

Database File:

Dataset Pathname:

Presentation Format:

Dataset Creation:

Charted by:

vertex_herpichtrust1.db

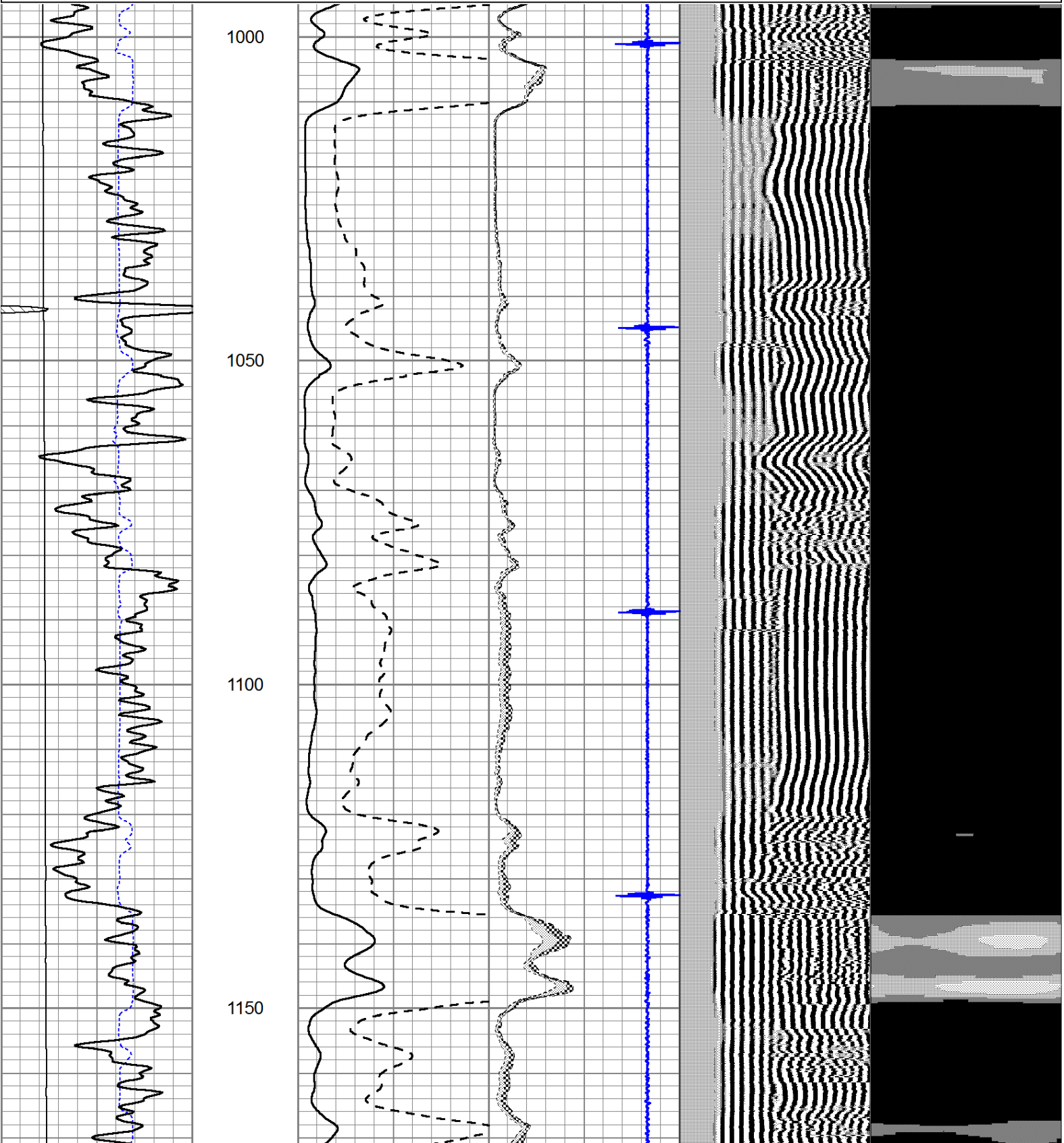
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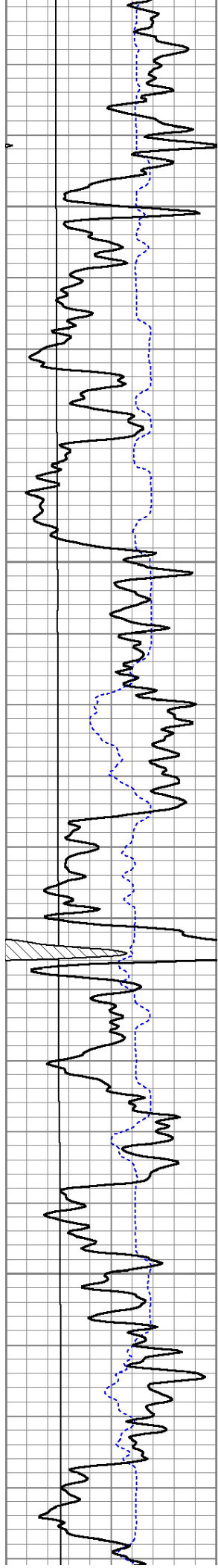
scbl02

Tue Dec 04 11:13:08 2012

Depth in Feet scaled 1:240

750	TT (usec)	70	0	AMP (mV)	100	0	AMPAVG	150	200	VDL	1200	1	Cement Map	8
0	GR	150	0	AMPx5 (mV)	20	0	AMPMAX	150				25		75
0	LTEN (lb)	2000				0	AMPMIN	150						
						5	CCL	-1						



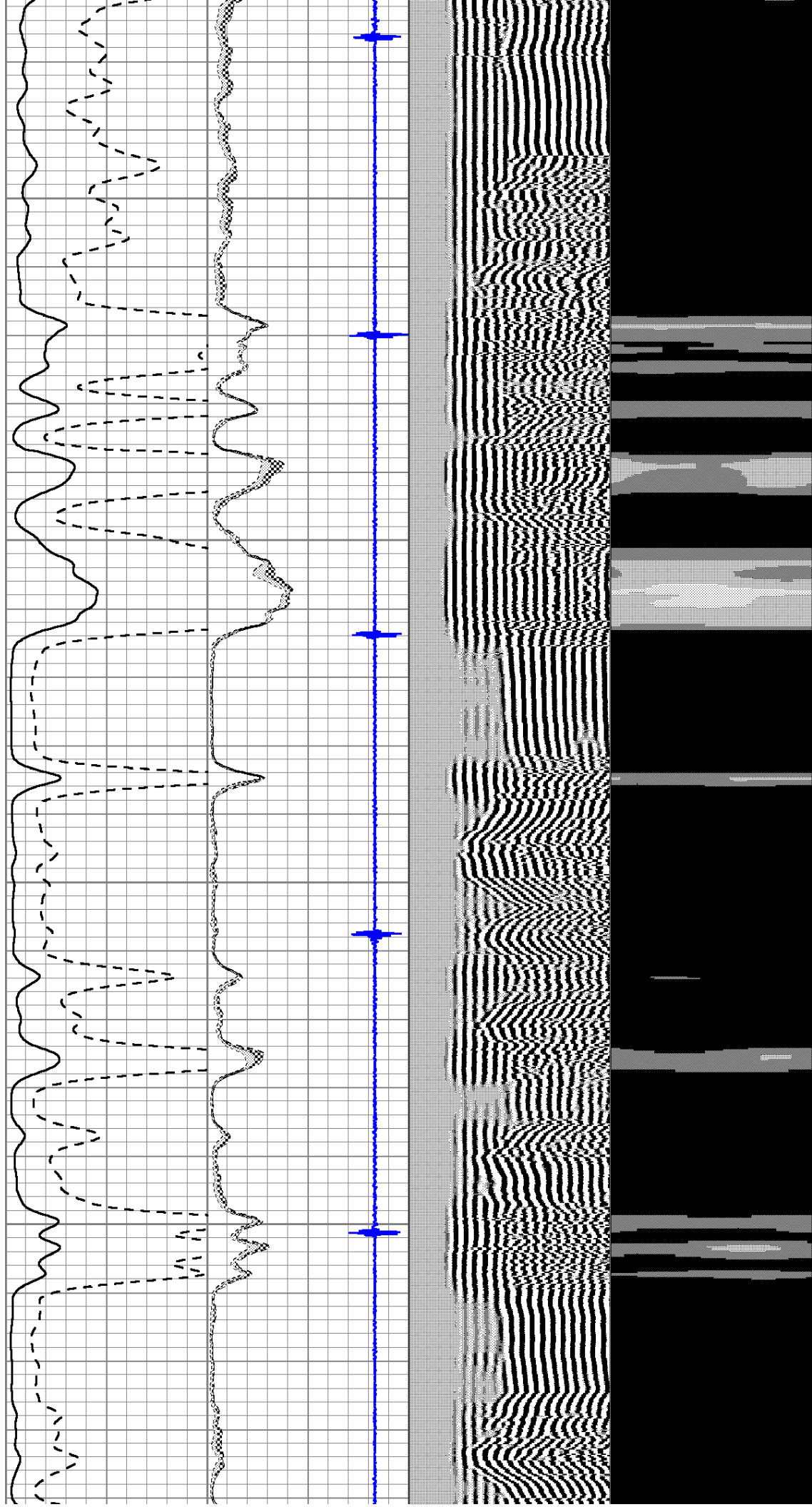


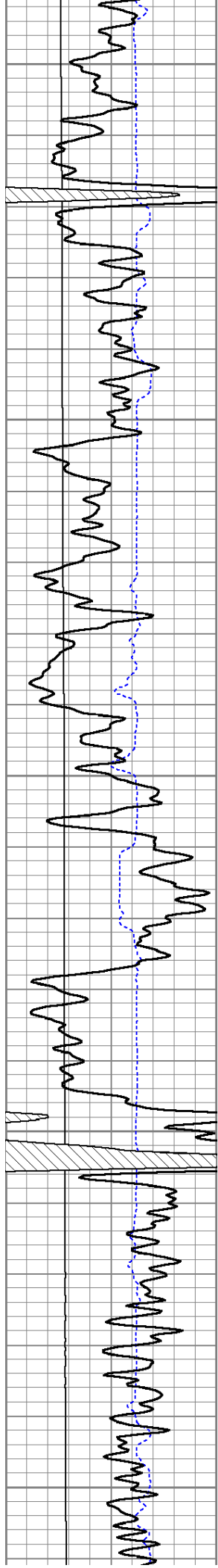
1200

1250

1300

1350





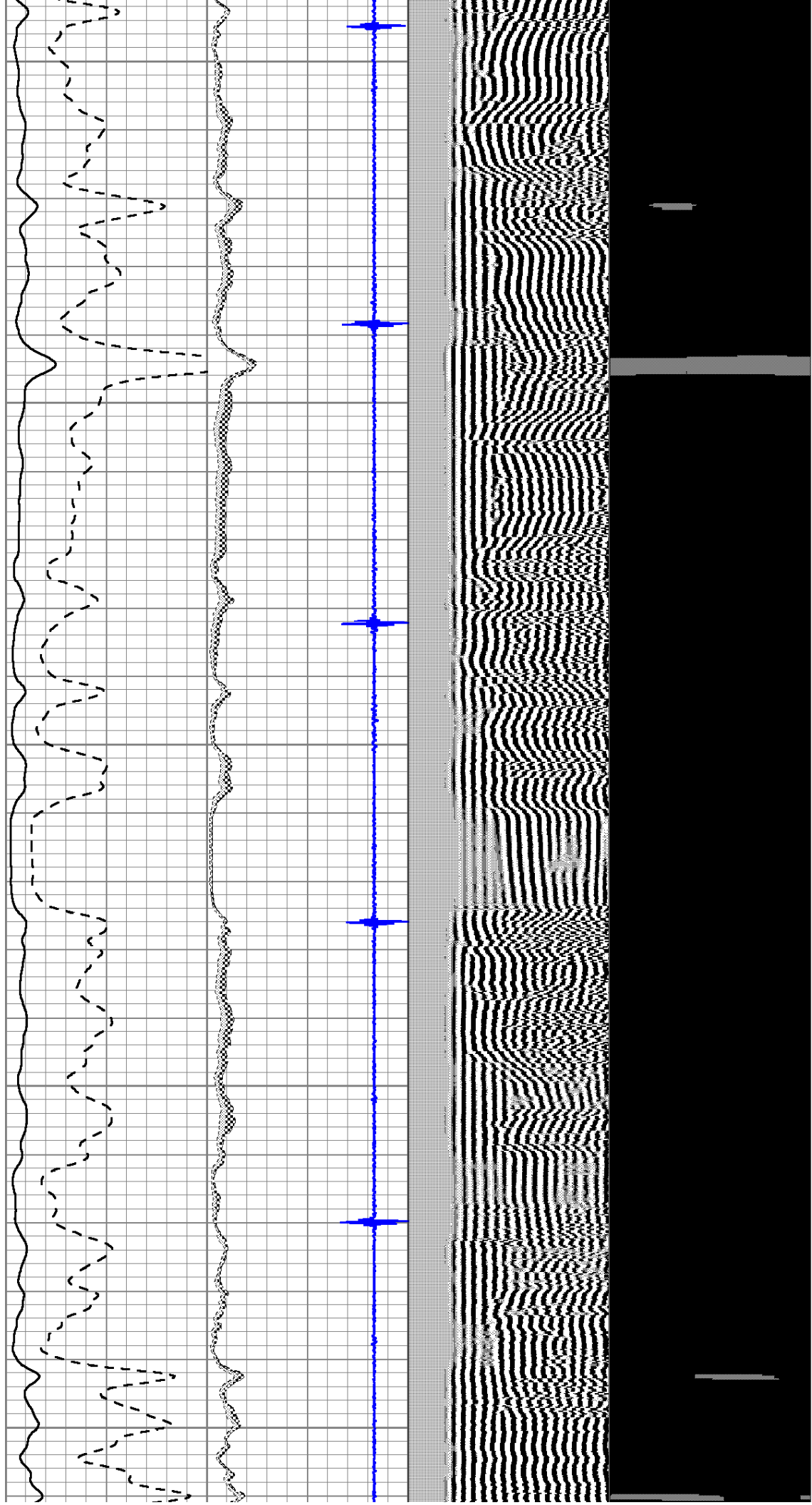
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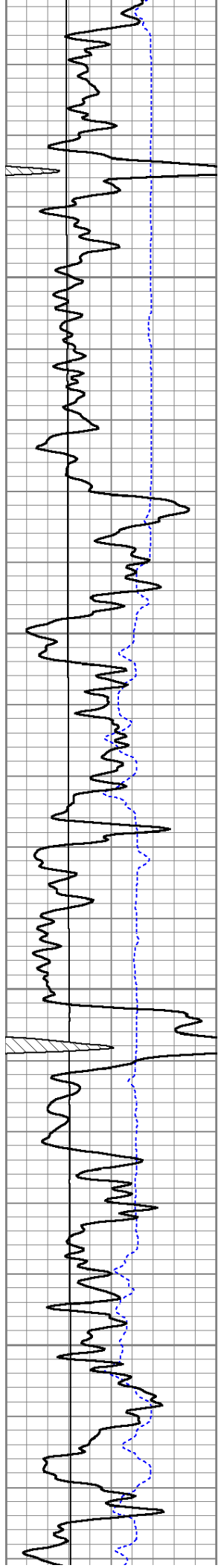
1450

1500

1550

1600



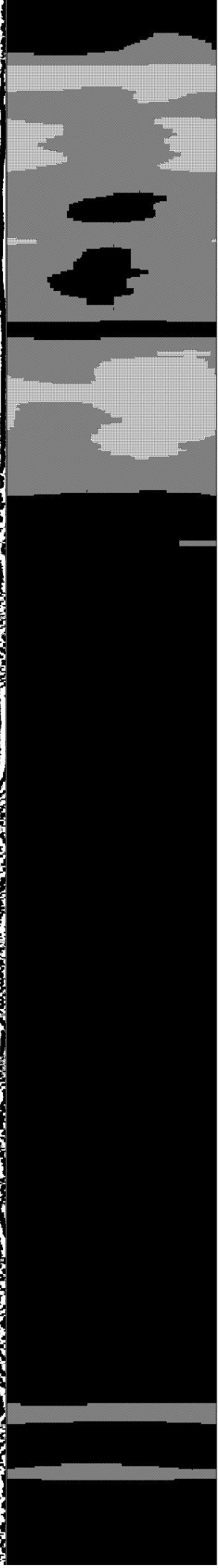
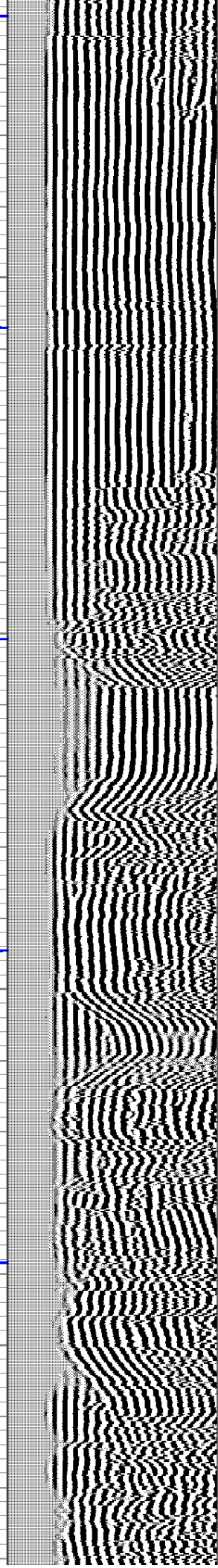
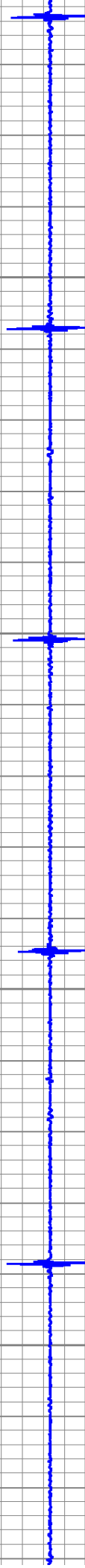
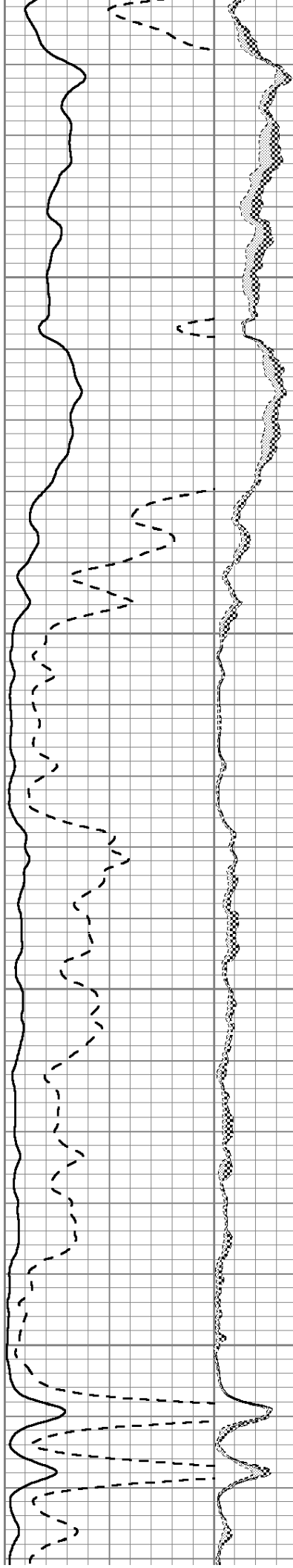


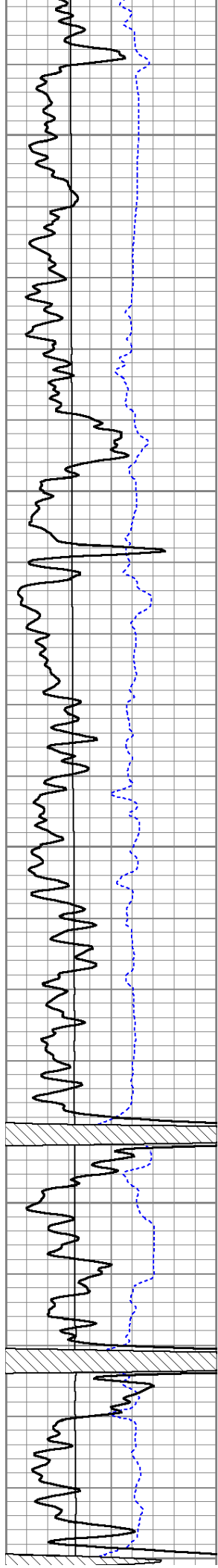
1650

1700

1750

1800





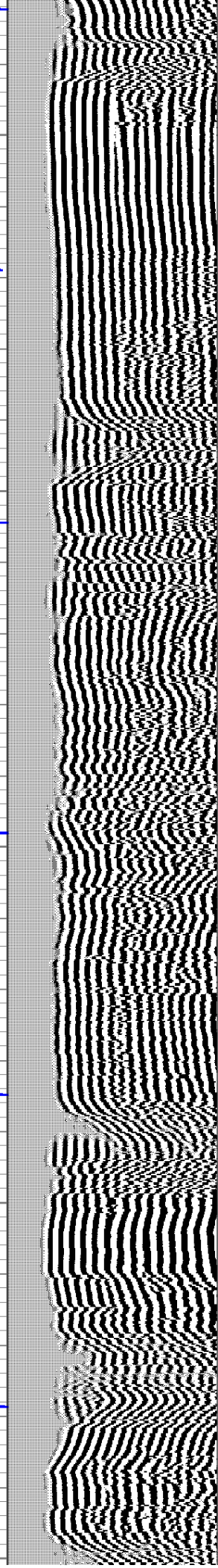
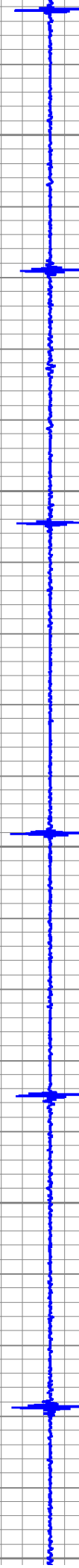
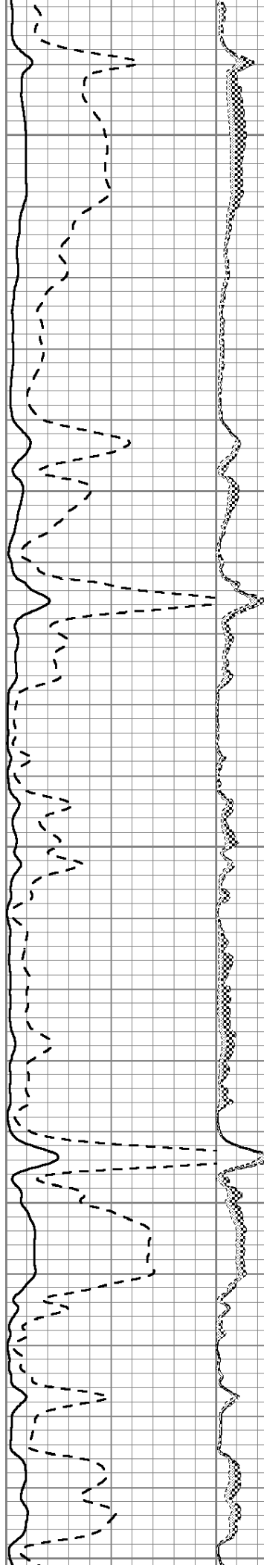
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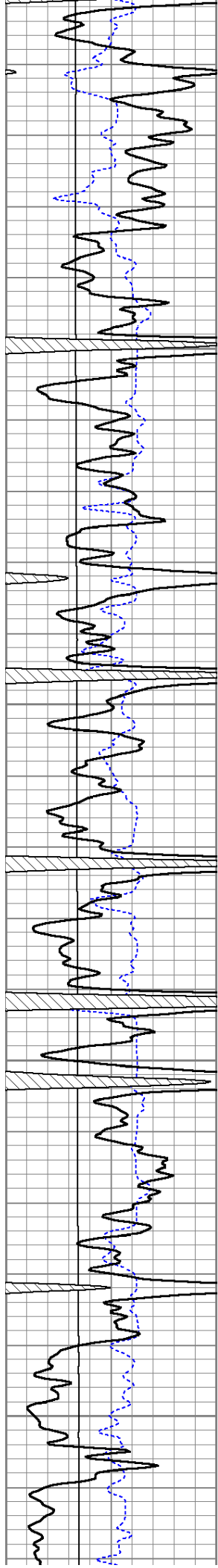
1900

1950

2000

2050



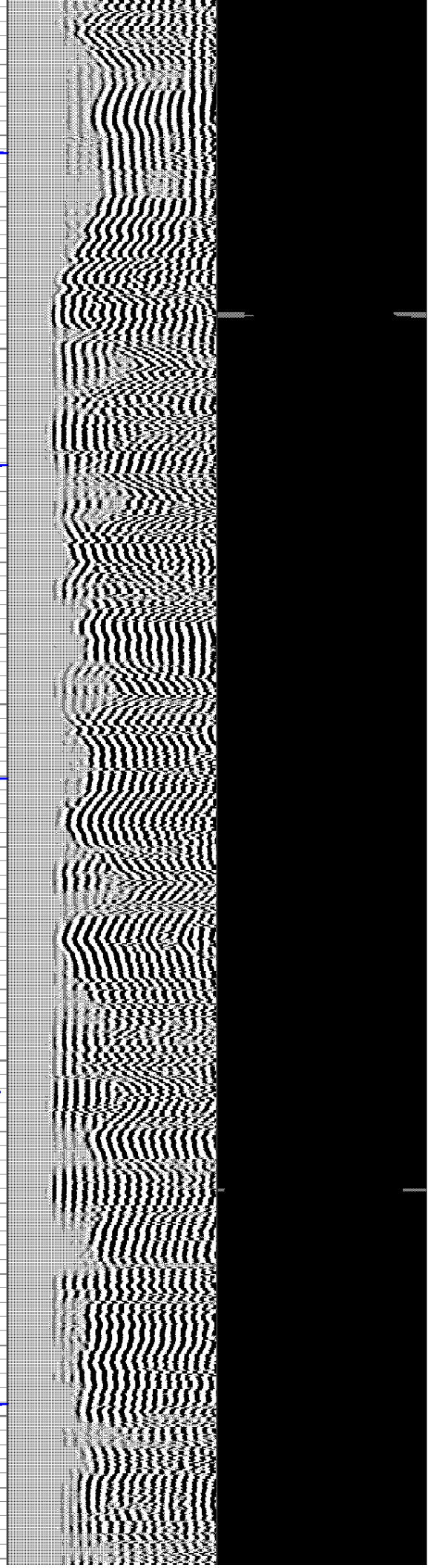
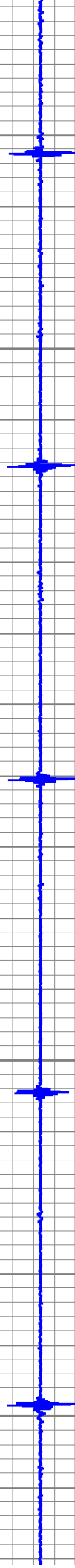
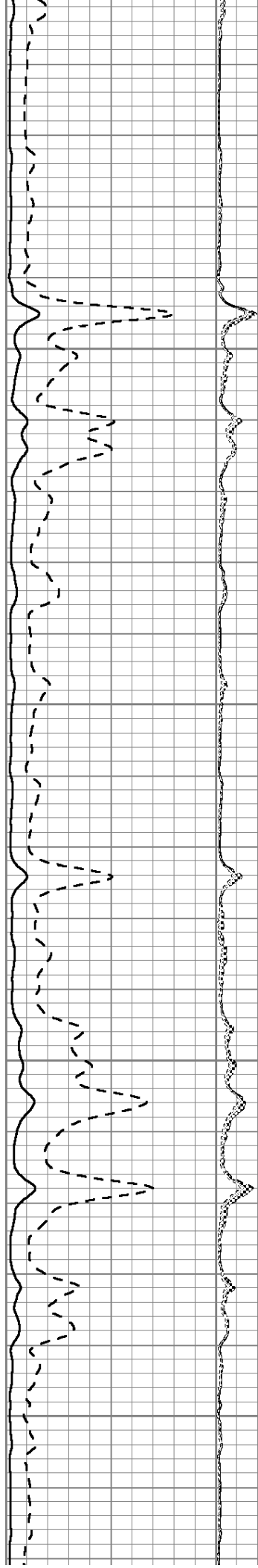


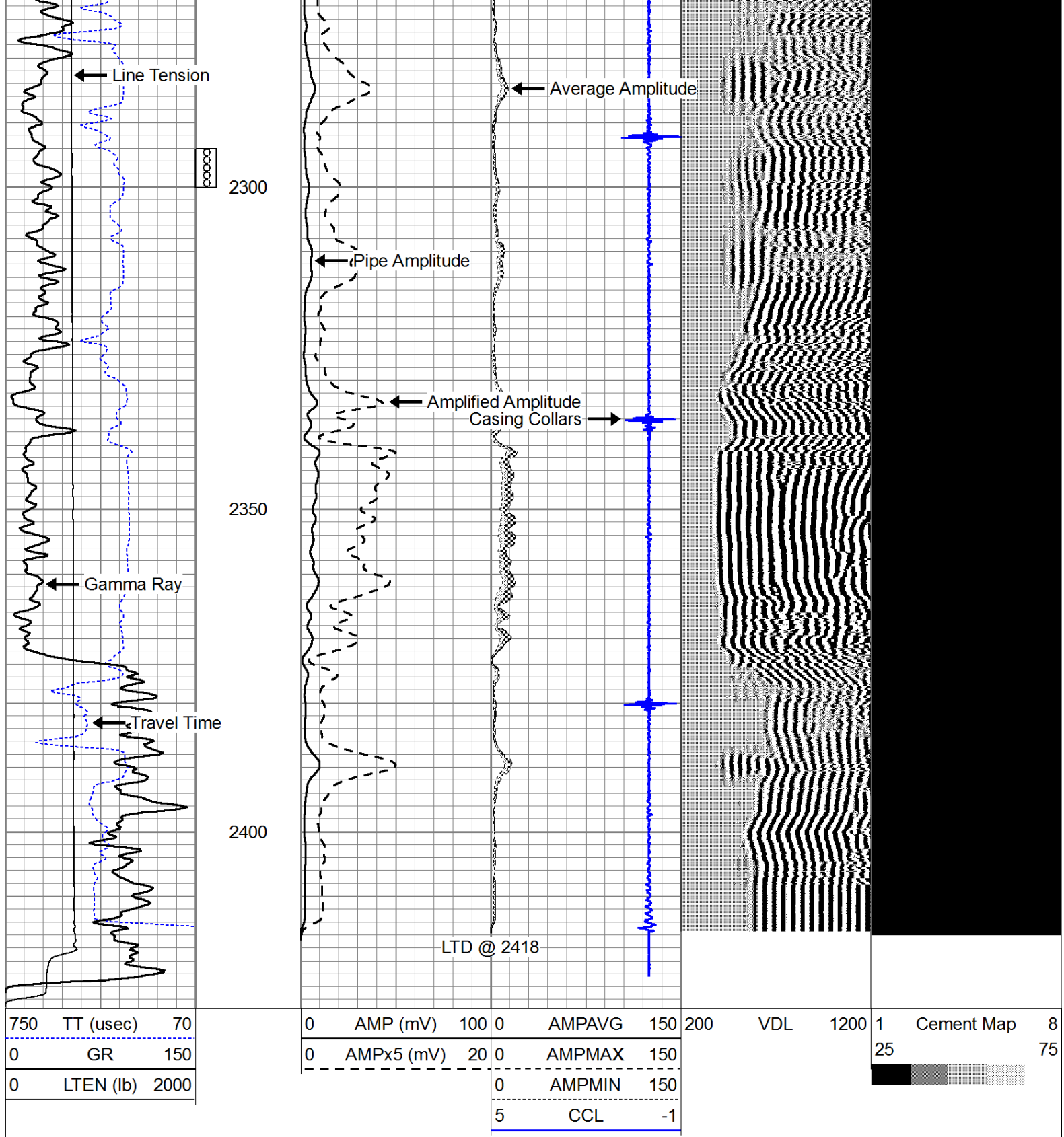
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2150

2200

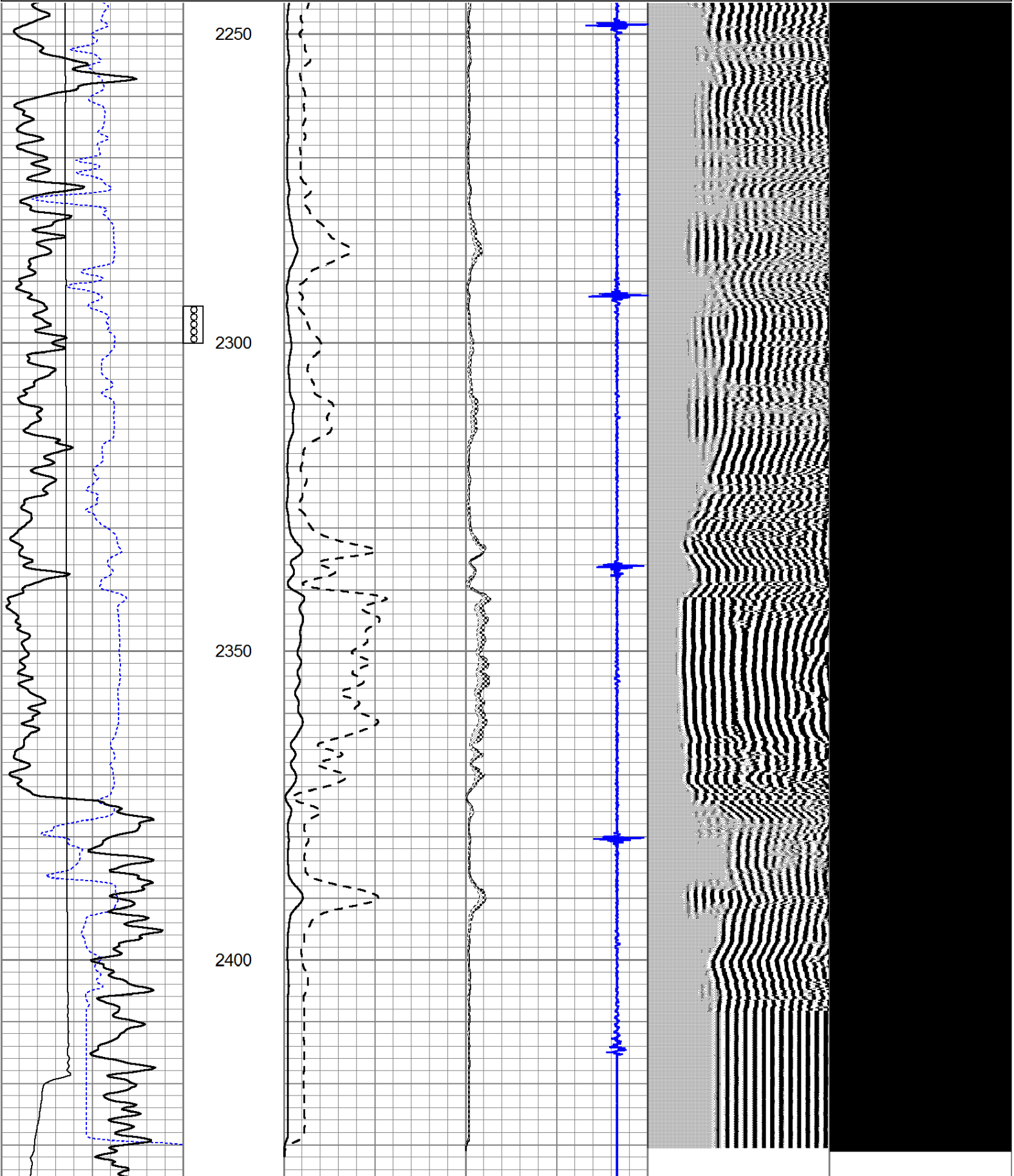
2250





Repeat Section

750	TT (usec)	70	0	AMP (mV)	100	0	AMPAVG	150	200	VDL	1200	1	Cement Map	8
0	GR	150	0	AMPx5 (mV)	20	0	AMPMAX	150				25		75
0	LTEN (lb)	2000				0	AMPMIN	150						
						5	CCL	-1						



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0	GR	150	0	AMPx5 (mV)	20	0	AMPMAX	150				25		75

0	GR	150
0	LTEN (lb)	2000

0 --- AMI X5 (mV) --- 20

0	AMI MAX	150
0	AMPMIN	150
5	CCL	-1

