

CEMENT BOND LOG

Company LASSO ENERGY, LLC.

Well RENICK #1

Field INGALLS

County GRAY

State KANSAS

Company LASSO ENERGY, LLC.

Well RENICK #1

Field INGALLS

County GRAY

State KANSAS

Location

1650' FNL & 330' FEL

Other Services

PERFS

SEC. 29

TWP. 25S

RGE. 29W

Elevation

Permanent Datum
Log Measured From
Drilling Measured From
GROUND LEVEL
KELLY BUSHING 12' AGL
KELLY BUSHINGK.B. 2694
D.F. 2693
G.L. 2682

Date

12-4-2013

Run Number

ONE

Depth Driller

5870

Depth Logger

5686

Bottom Logged Interval

5685

Top Log Interval

3200

Open Hole Size

WATER

Type Fluid

Density / Viscosity

Max. Recorded Temp.

3400

Estimated Cement Top

Time Well Ready

Time Logger on Bottom

Equipment Number

#53

Location

GREAT BEND

Recorded By

LANCE GREGG

Witnessed By

MR. BURTON

Run Number

ONE

Bit

ONE

From

ONE

To

ONE

Size

ONE

Weight

ONE

From

ONE

To

ONE

Casing Record

Size

Wgt/Ft

Top

Bottom

Surface String

8.625

#23

0

1670

Prot. String

5.5

#17

0

5869

Production String

5.5

#17

0

5869

Liner

5.5

#17

0

5869

>>> 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

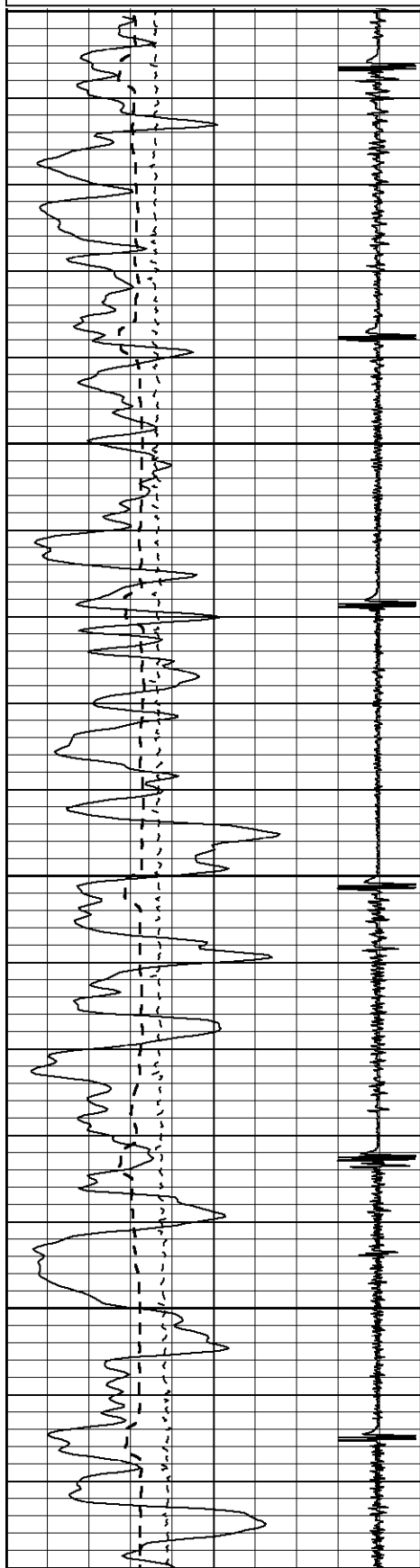
THANK YOU FOR USING LOG TECH OF KANSAS

Dataset Pathname: pass3
Presentation Format: cbl02
Dataset Creation: Wed Dec 04 12:56:25 2013 by Log 6.1
Charted by: Depth in Feet scaled 1:240

320	Travel Time (usec)	120
9	Collar Locator	-1
0	Gamma Ray (GAPI)	150
0	LTEN (lb)	1400

0	AMPLITUDE (mV)	100
0	AMP3 (mV)	20

200 Variable Density 1200

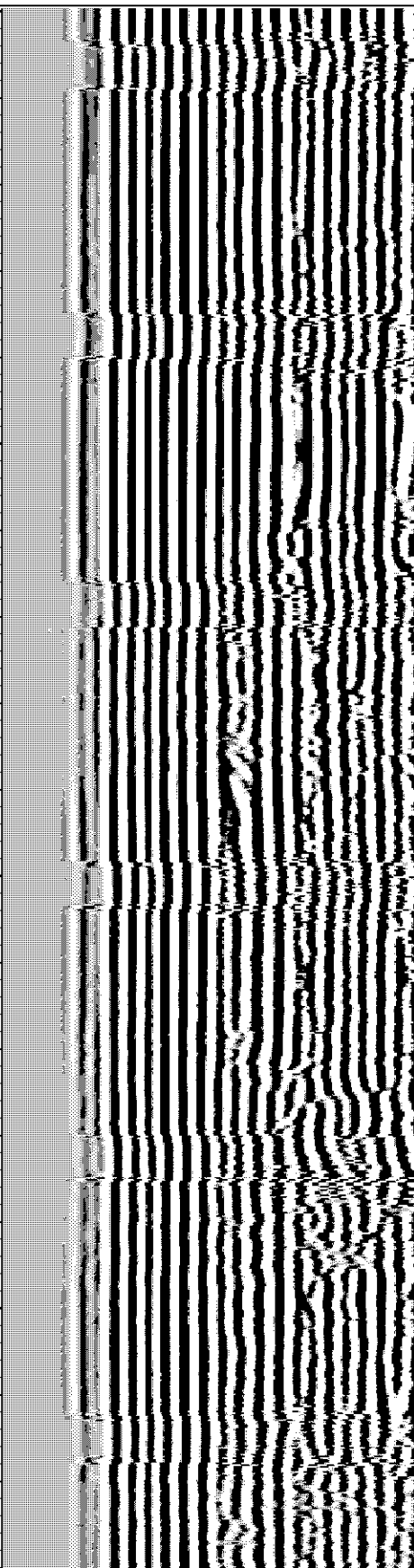
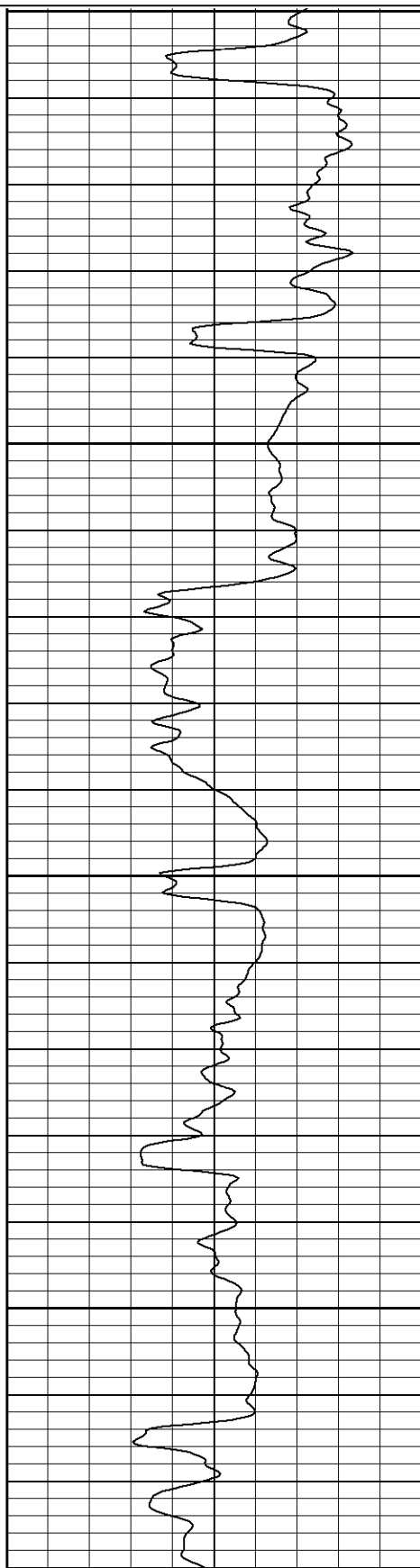


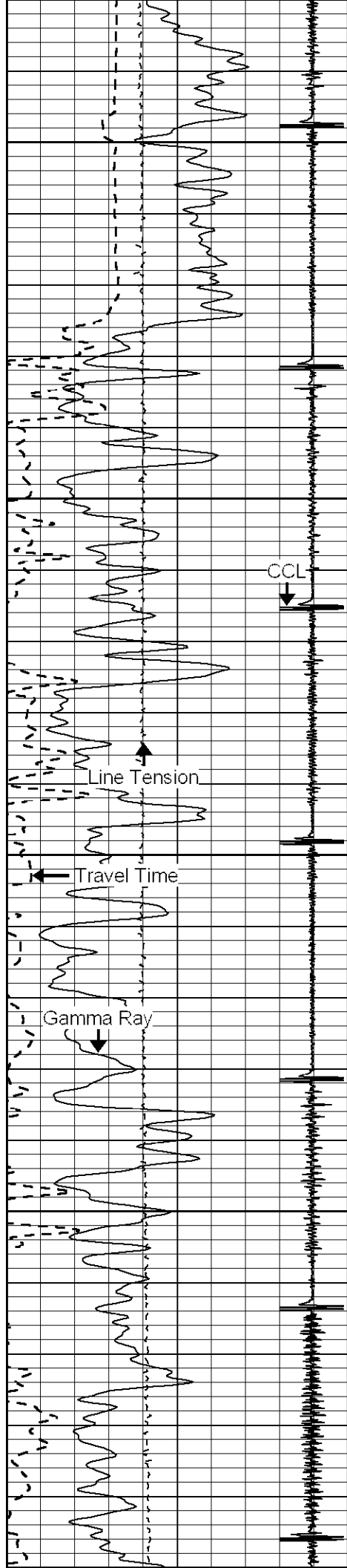
3200

3250

3300

3350





3400

Top of Cement

3450

CCL

Line Tension

Travel Time

Gamma Ray

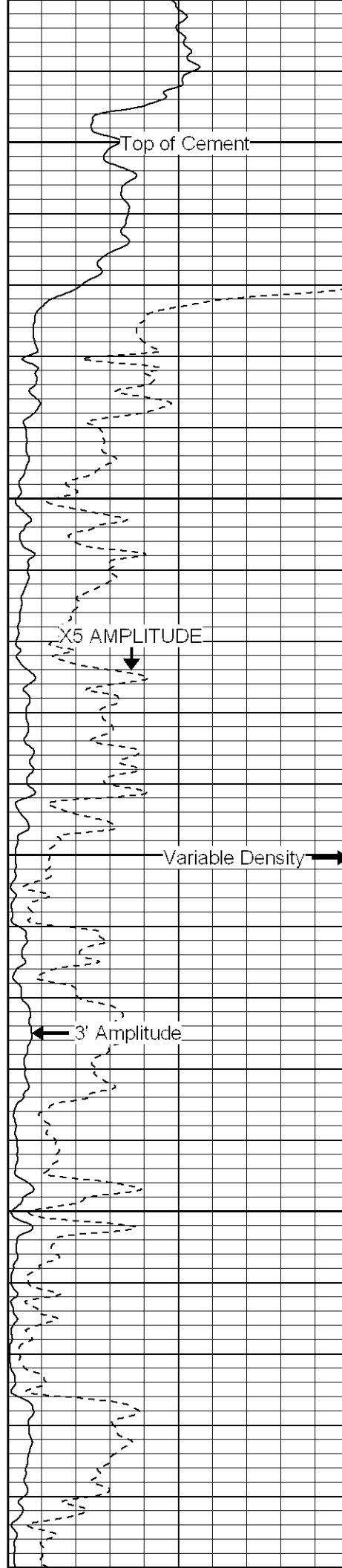
3500

Variable Density

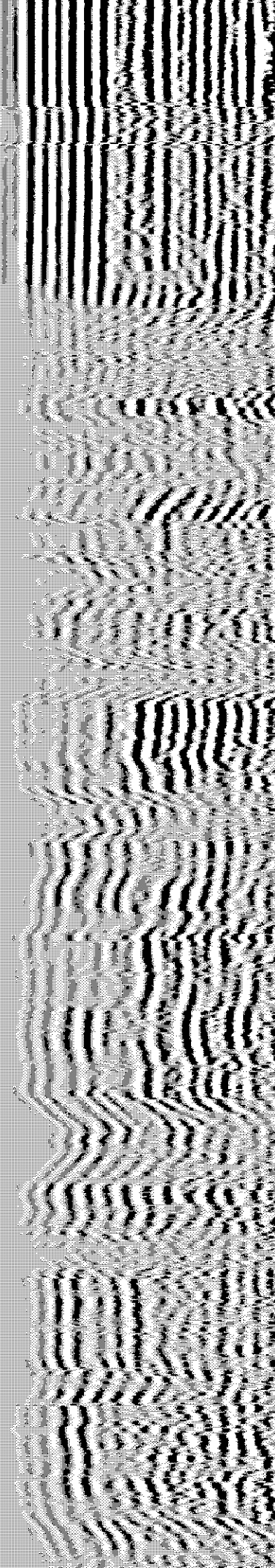
3' Amplitude

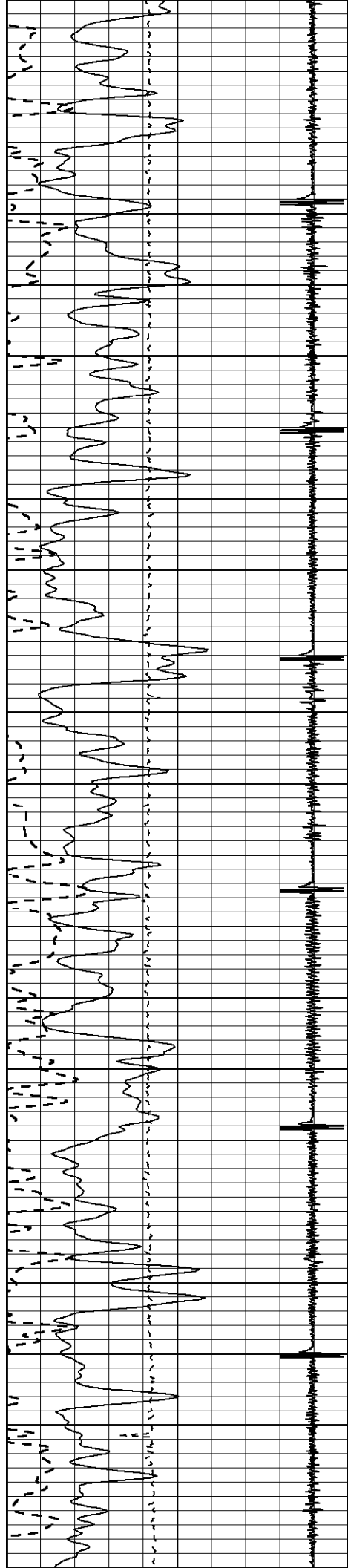
3550

3600



X5 Amplitude





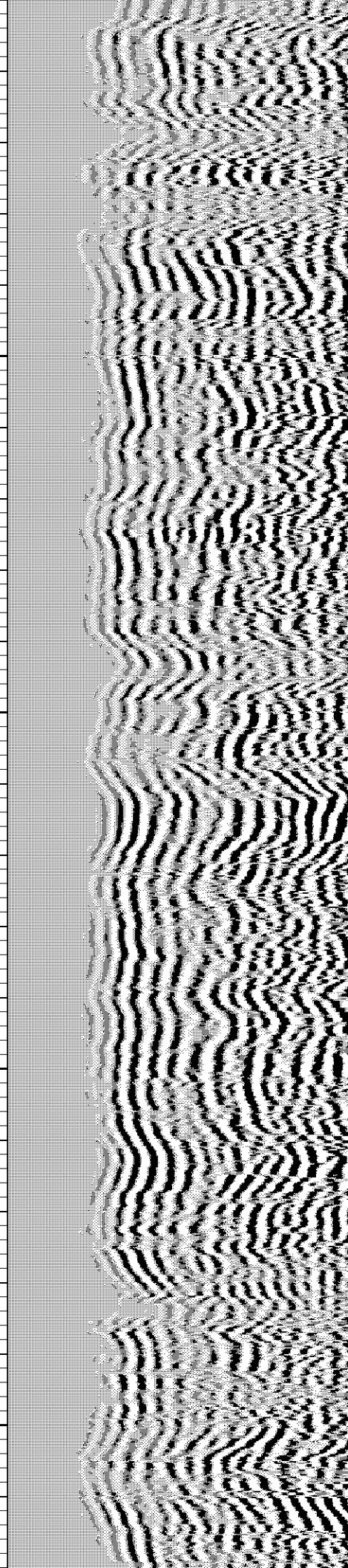
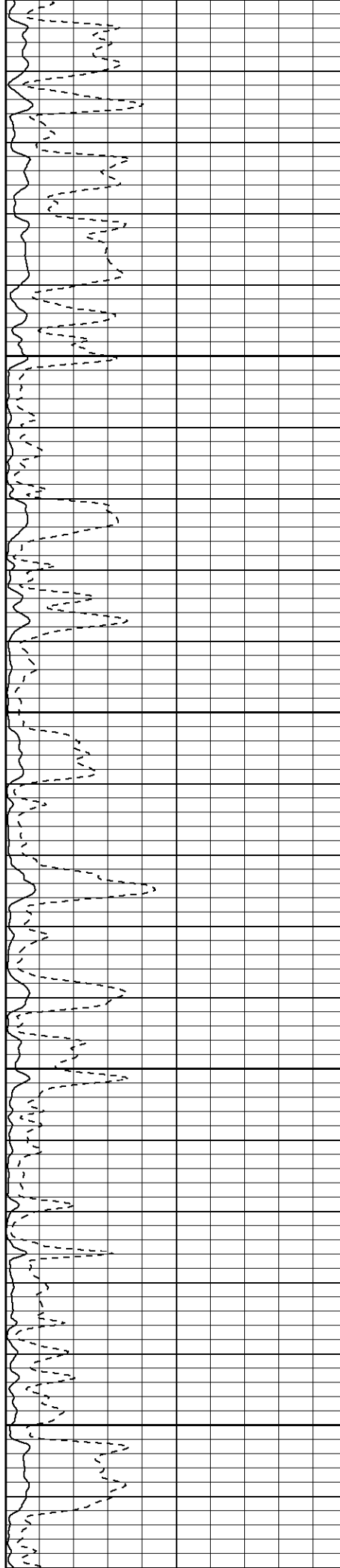
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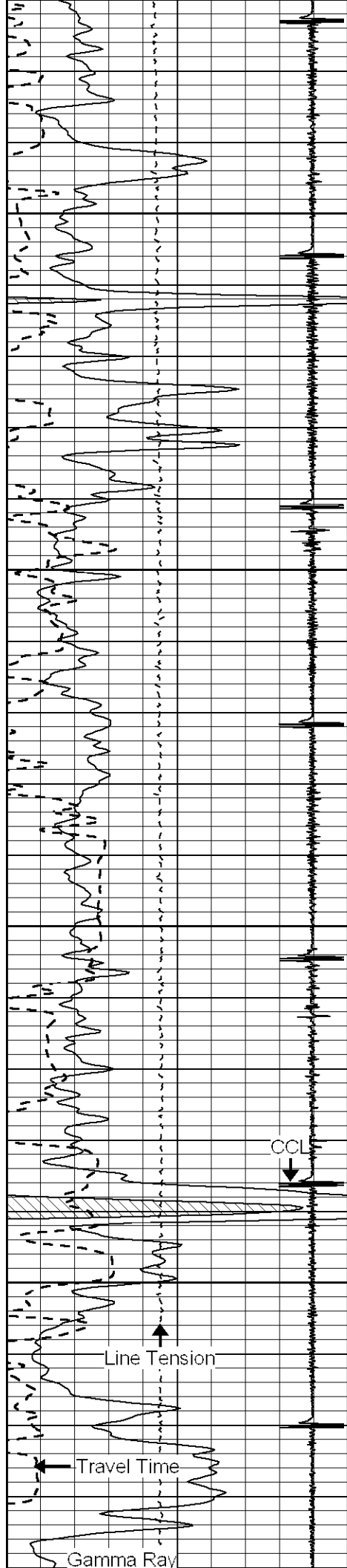
3650

3700

3750

3800





3850

3900

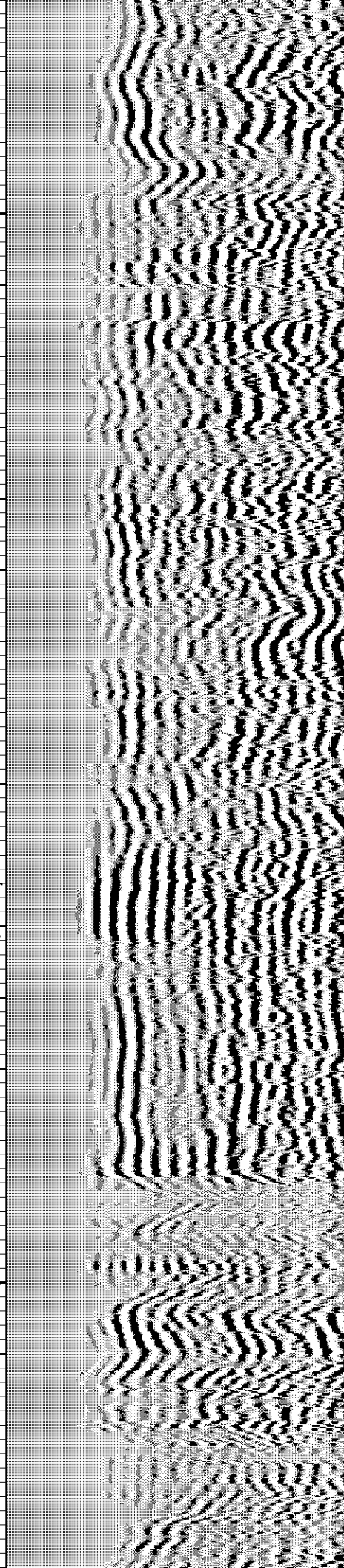
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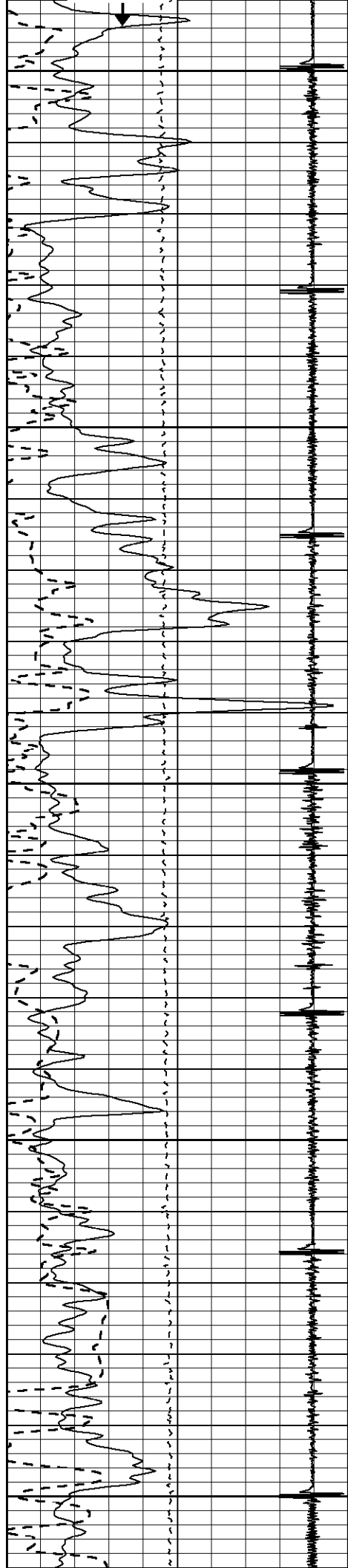
X5 AMPLITUDE

4000

Variable Density

3' Amplitude





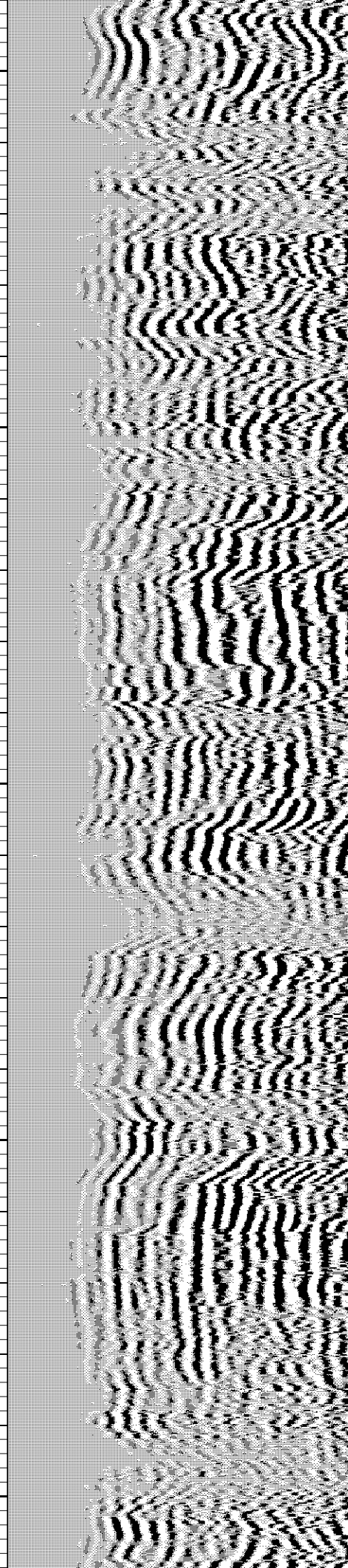
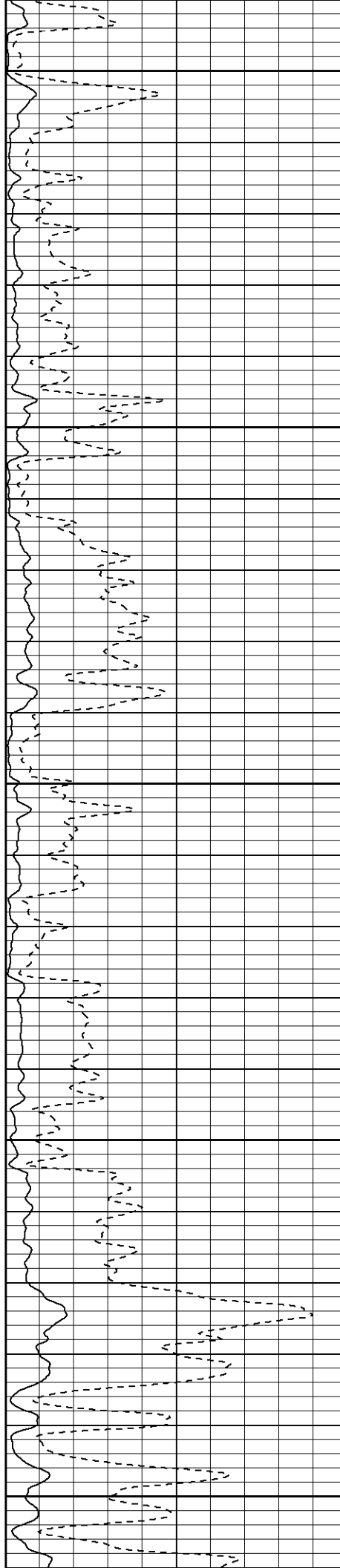
4050

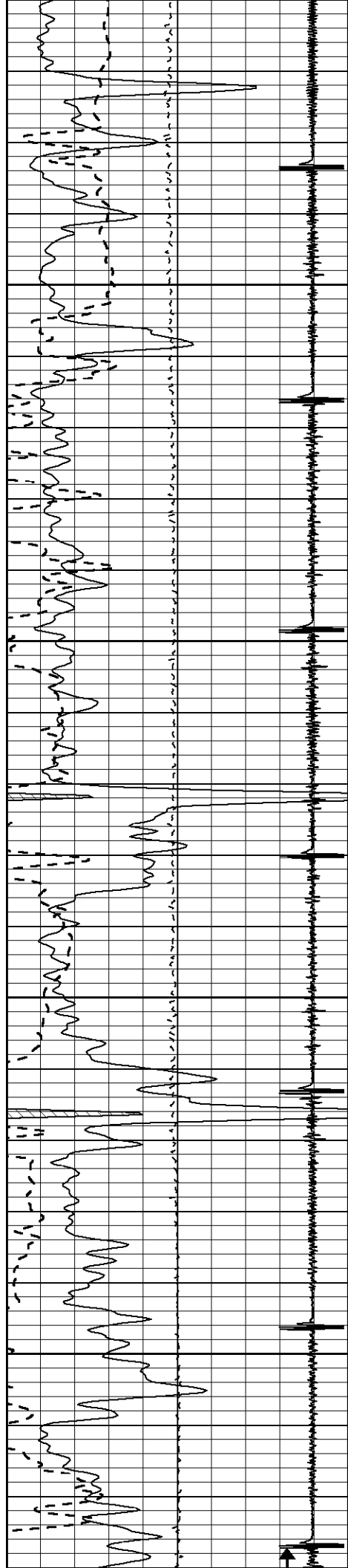
4100

4150

4200

4250



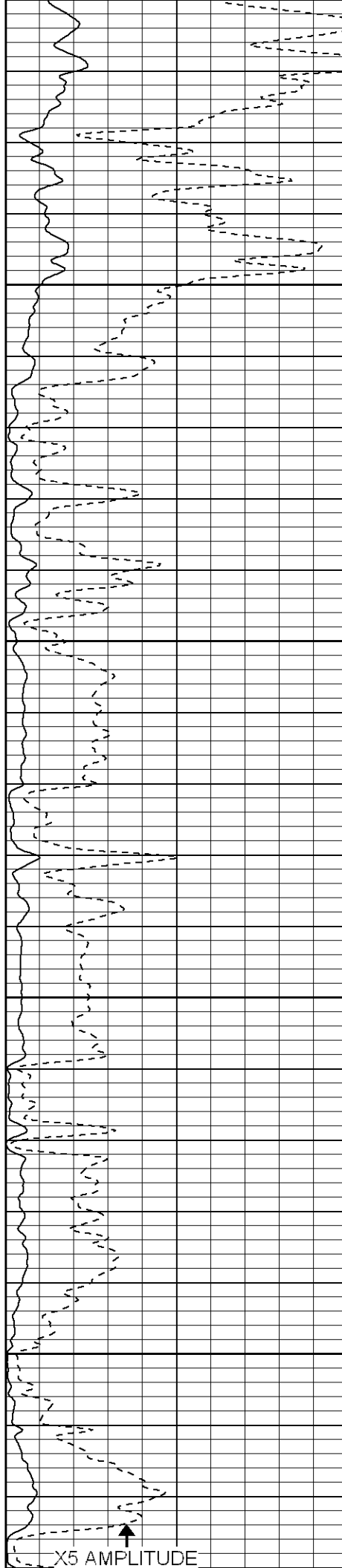


4300

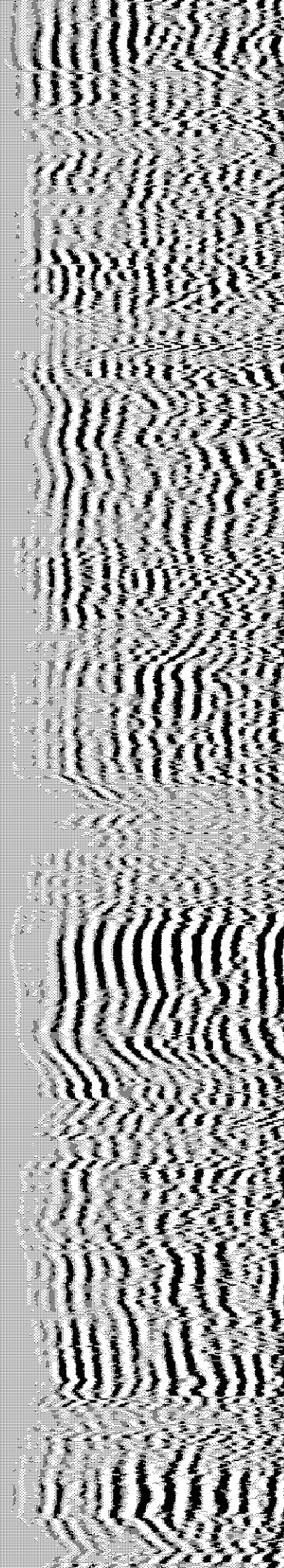
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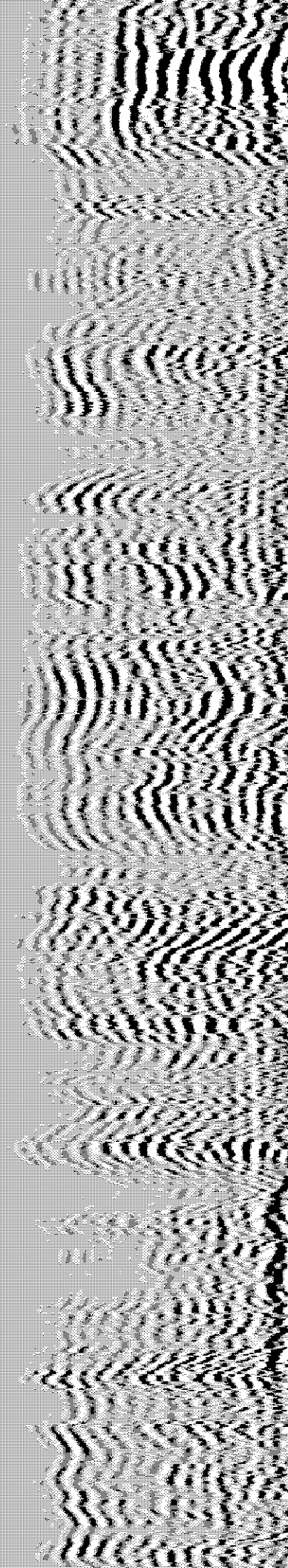
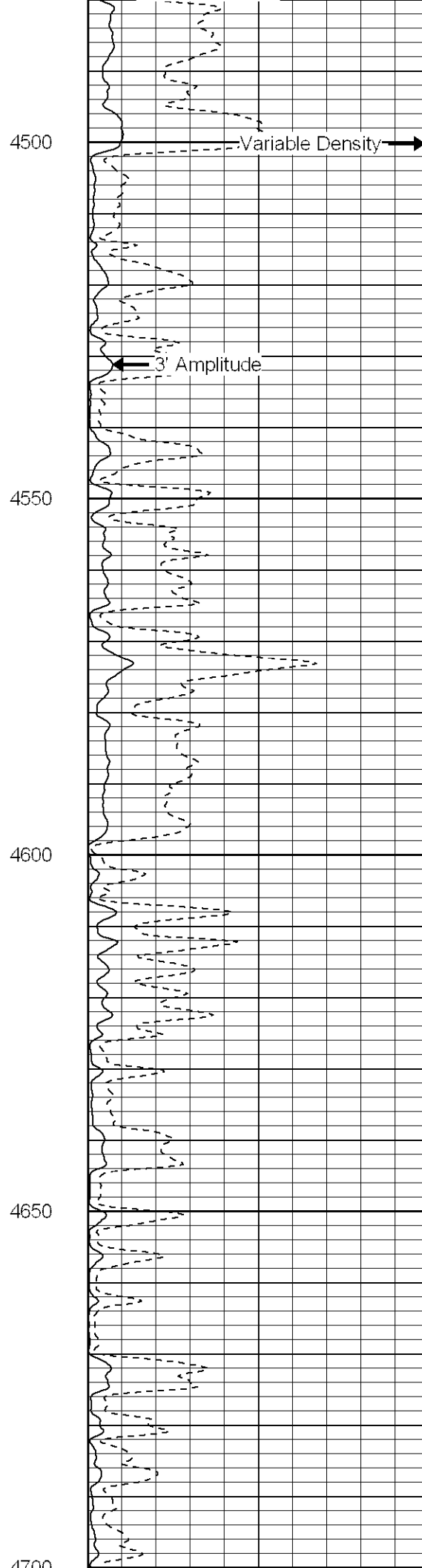
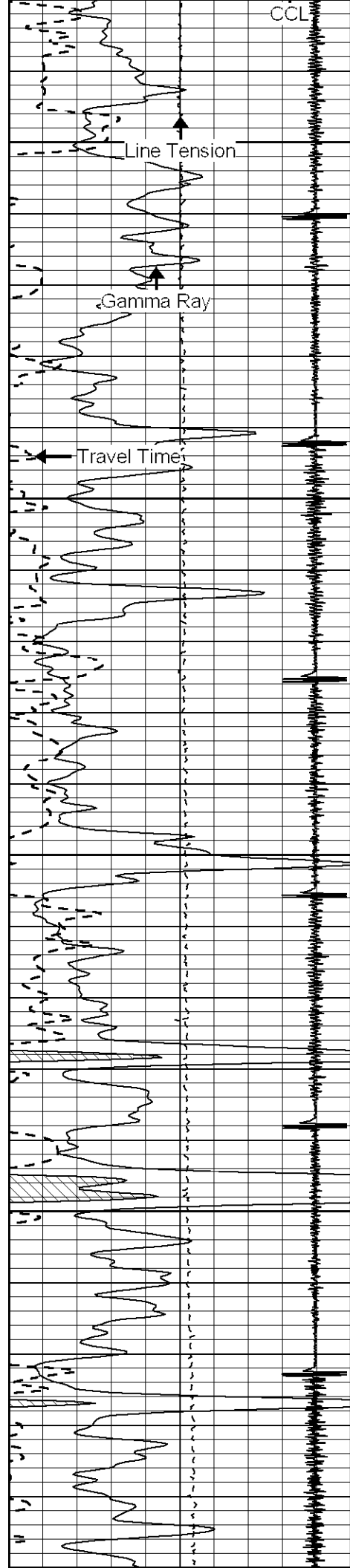
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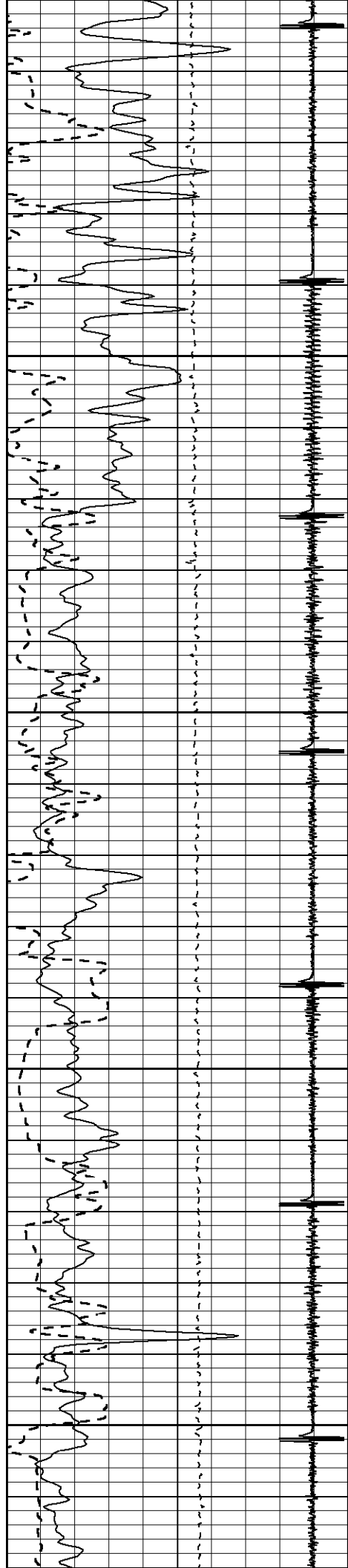
4450



X5 AMPLITUDE







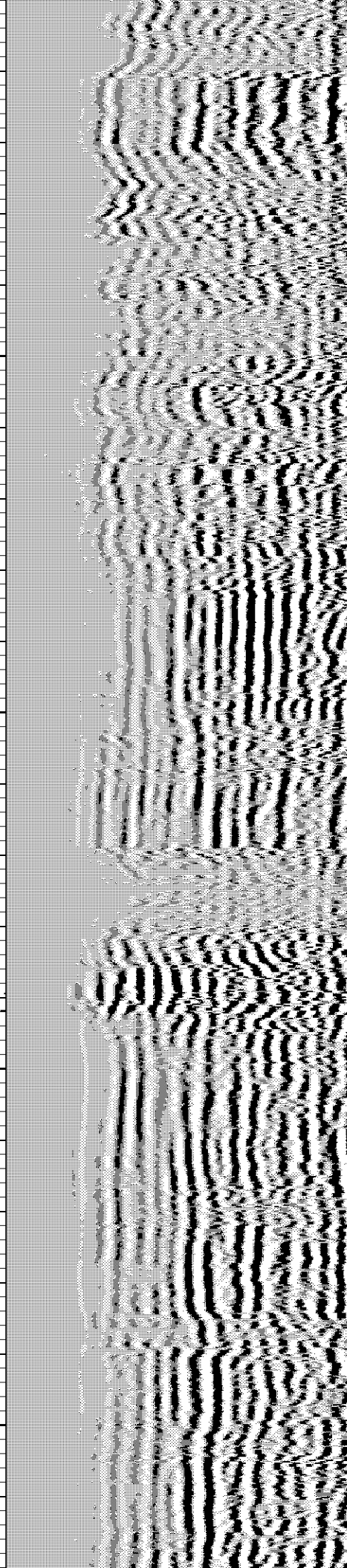
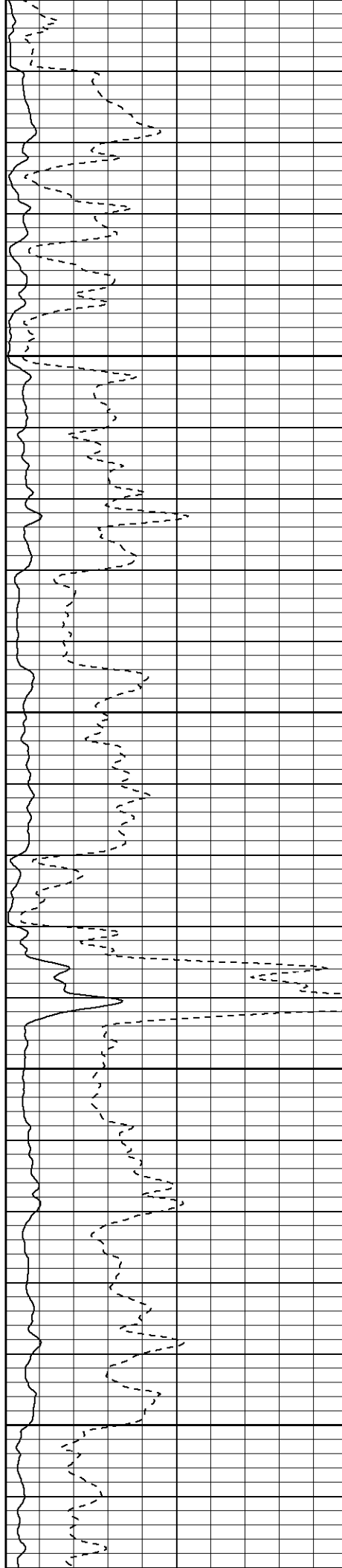
4700

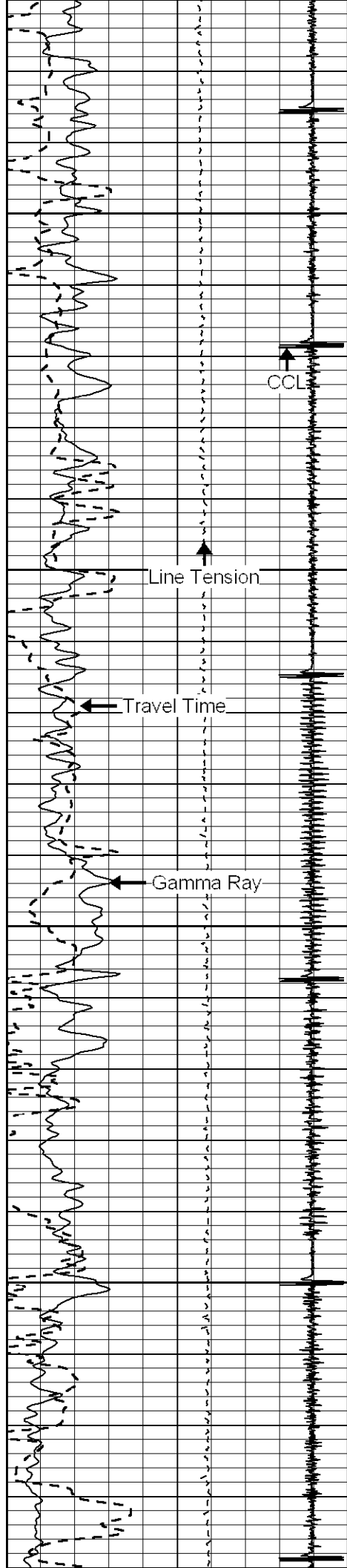
4750

4800

4850

4900





4950

CCL

Line Tension

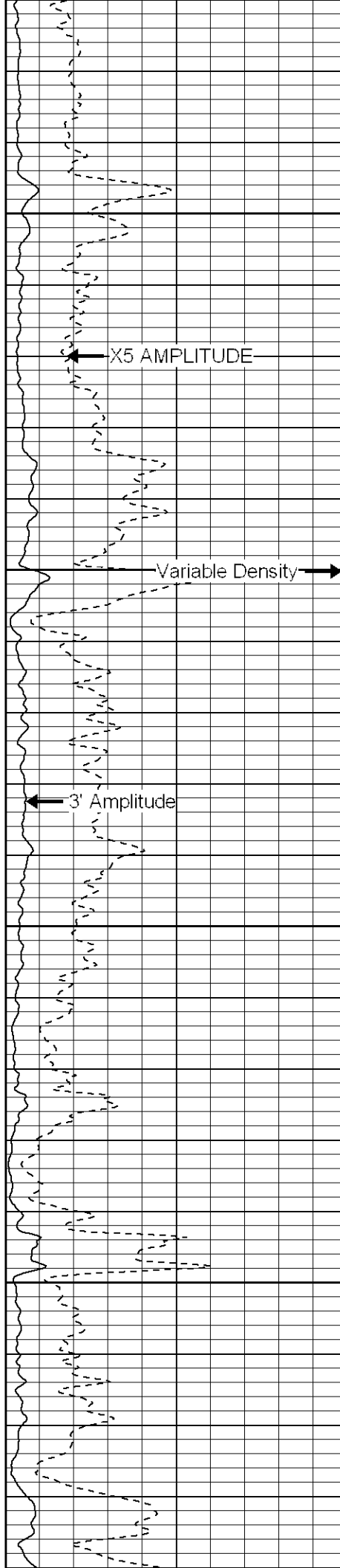
Travel Time

Gamma Ray

5000

5050

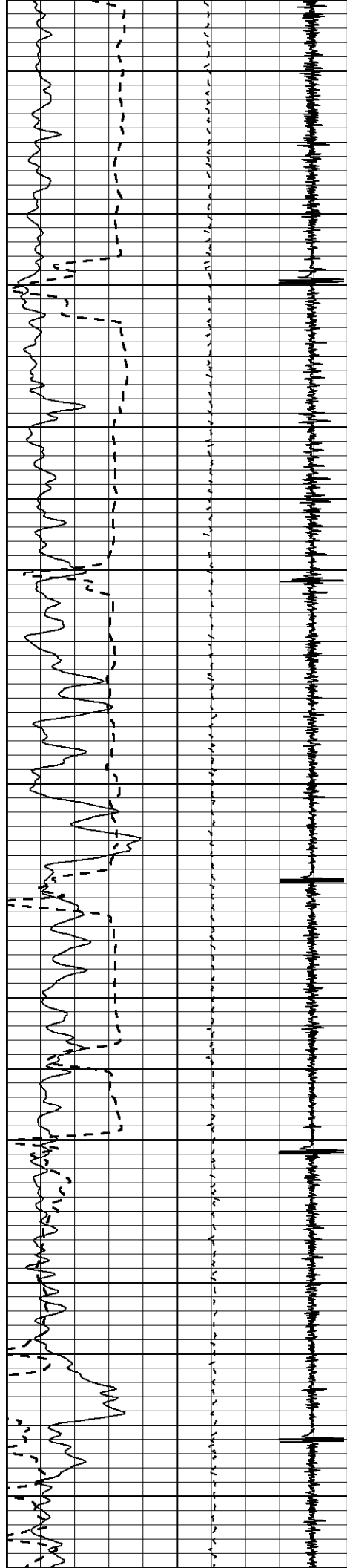
5100



X5 AMPLITUDE

Variable Density

3' Amplitude



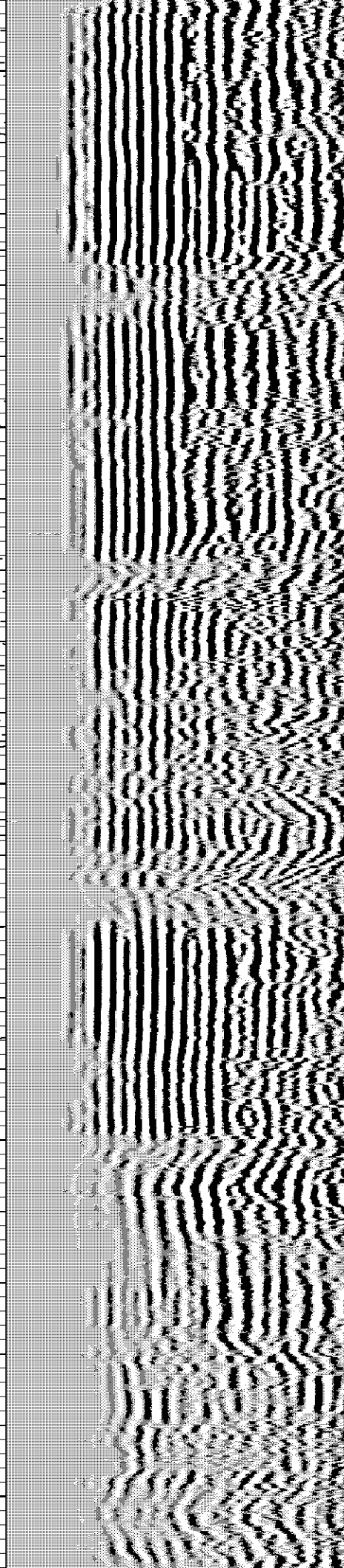
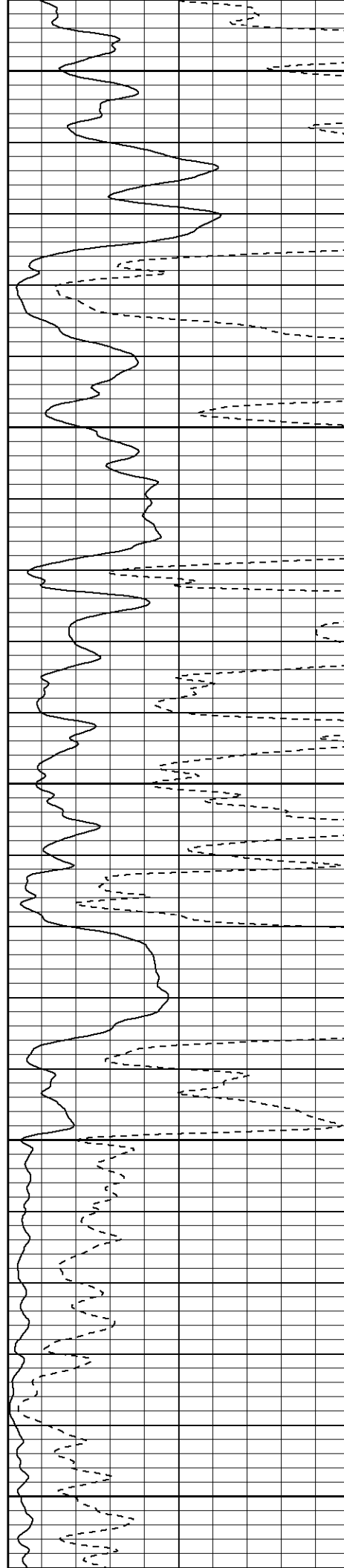
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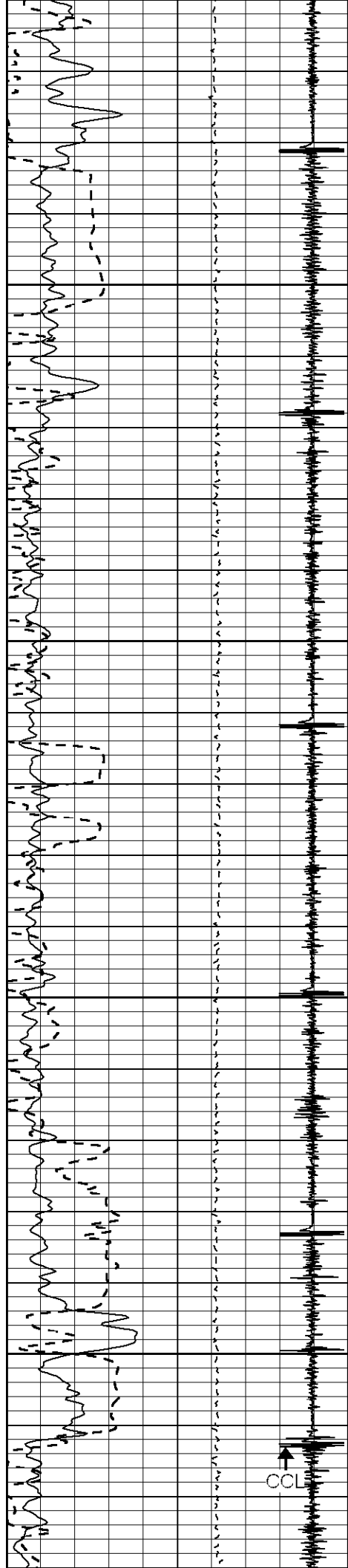
5200

5250

5300

5350





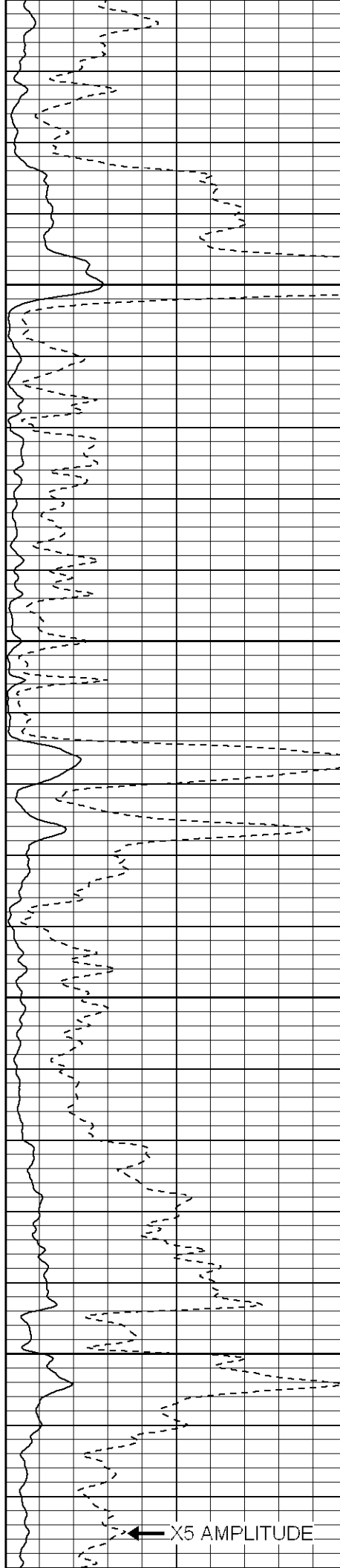
5400

5450

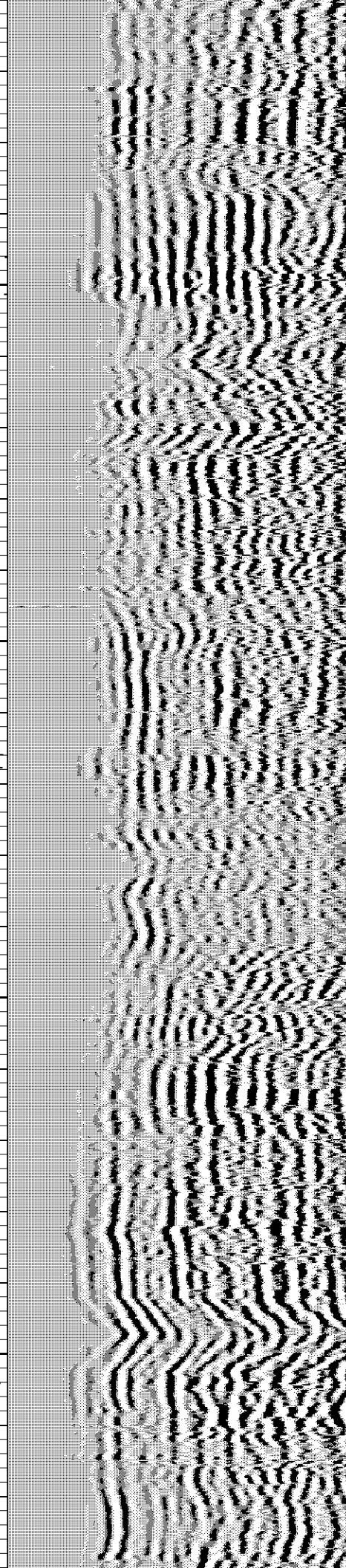
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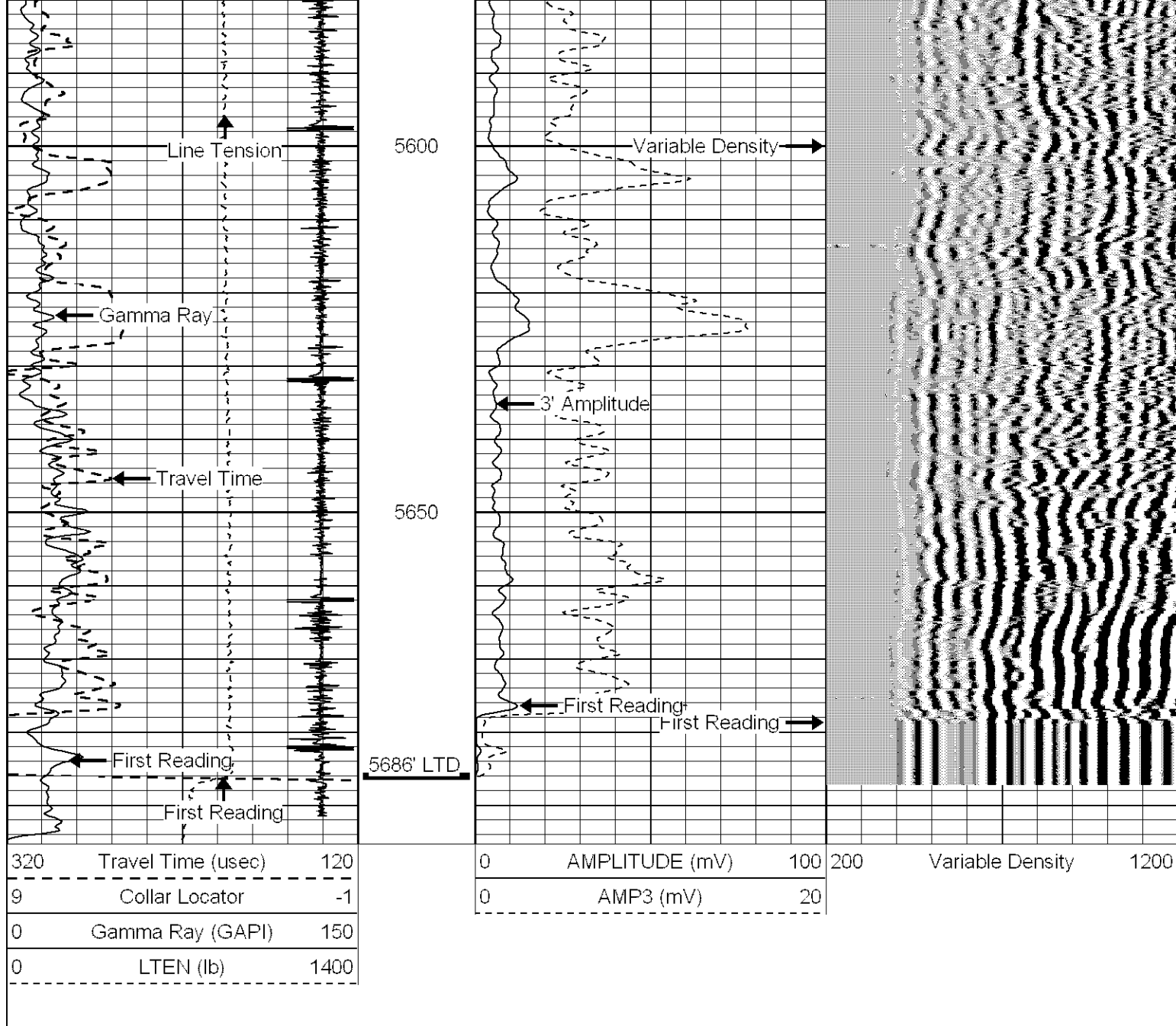
5550

CCL



X5 AMPLITUDE



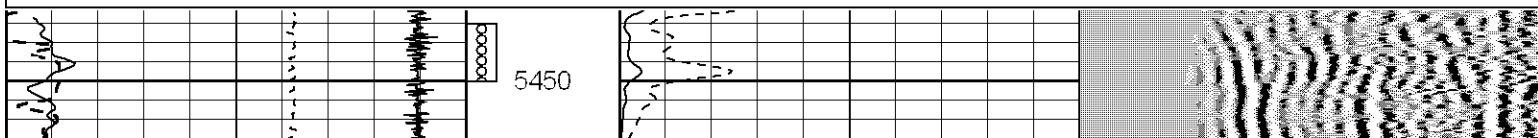


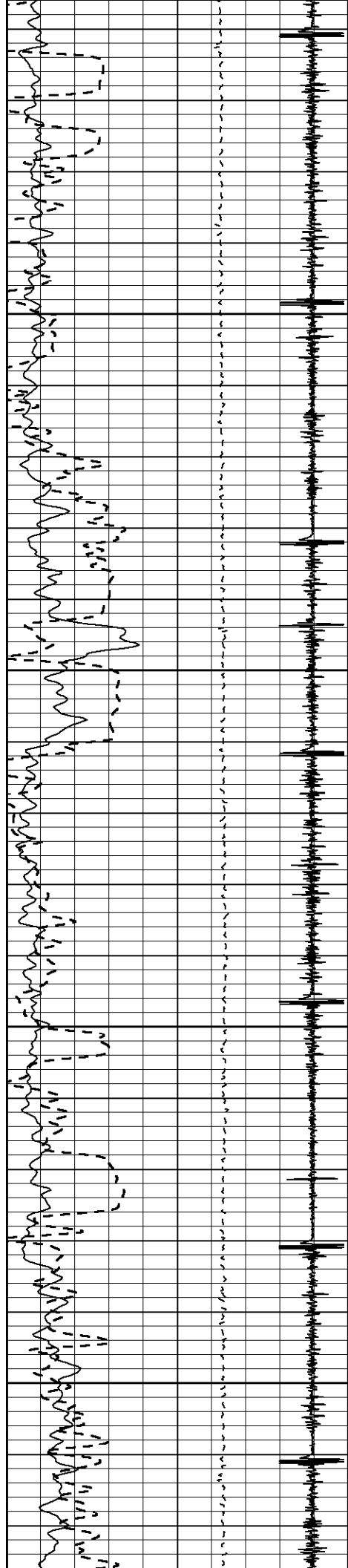
LOG-TECH
of Kansas Inc.
 GREAT BEND, KANSAS

REPEAT SECTION

Database File: renick1.db
 Dataset Pathname: pass2
 Presentation Format: cbl02
 Dataset Creation: Wed Dec 04 12:42:45 2013 by Log 6.1
 Charted by: Depth in Feet scaled 1:240

320	Travel Time (usec)	120	0	AMPLITUDE (mV)	100	200	Variable Density	1200
9	Collar Locator	-1	0	AMP3 (mV)	20			
0	Gamma Ray (GAPI)	150						
0	LTEN (lb)	1400						



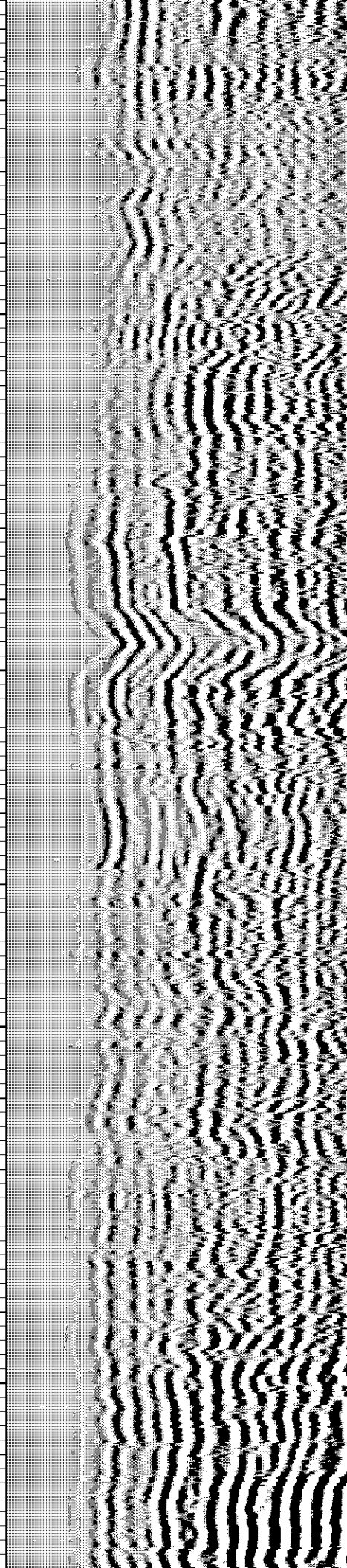
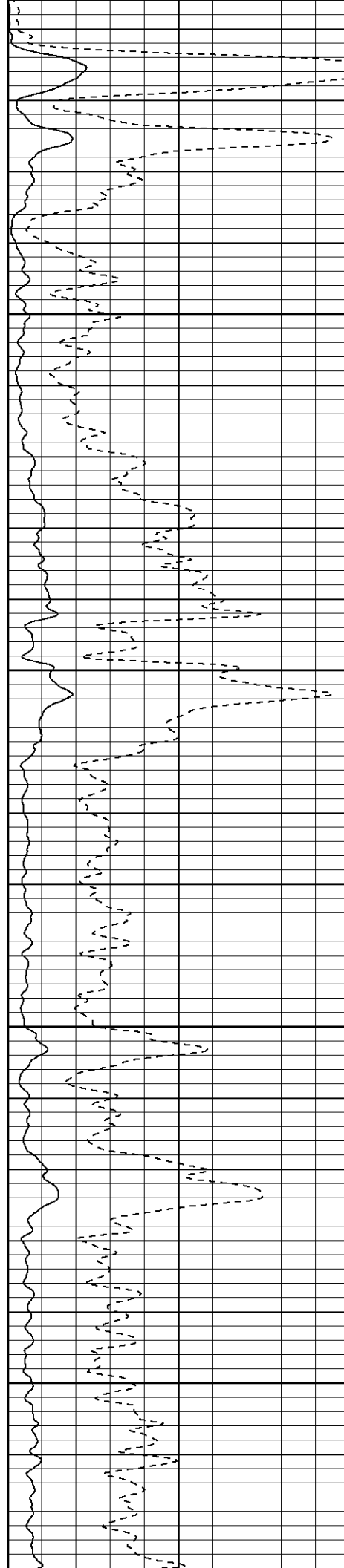


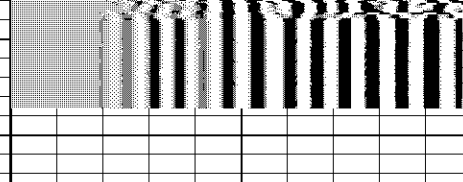
5500

5550

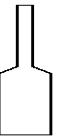
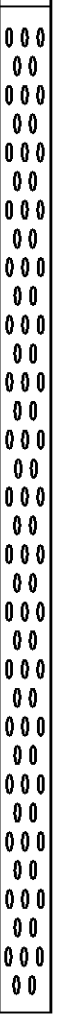
5600

5650





200	Variable Density	1200
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Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-STNDRD (1) Standard Cable Head	1.00	1.44	10.00
TT3 WVF3	8.76 8.76		CBL-probecbl (2.75cbl) probe cbl 2.75	8.75	2.75	50.00
TT5 WVF5	7.76 7.76					
CCL	3.69		CCL-probe (ccl2.75) probe ccl	1.55	2.75	25.00

