

Company **FALCON EXPLORATION, INC.**
Well **GILBERT NICKEL (NW) #1-25**
Field **N/A**
County **HASKELL**
State **KANSAS**

FINAL PRINT
RECON
SONIC VDL
SHEAR
GAMMA RAY
X-Y CALIPER

SEC			TWP		RGE		OTHER SERVICES: DIL CNL LDT MEL
25			28S		31W		
Location. 2500' FNL & 2390' FWL							
SURF. SAME			APR#.		SE SE SE NW 15-081-22101-00-00		
Permanent Datum		Ground Level		Elev		ELEVATIONS	
Log Measured From		Kelly Bushing		2842		K.B. 2855 G.L. 2842 D.F. 2854	
Drilling Measured From		Kelly Bushing					

Date	14-FEB-2015				
Run No.	ONE				
TD Driller	5550	ft.		ft.	
TD RECON	5551	ft.		ft.	
Bot Logged Interval	5550	ft.		ft.	
Top Logged Interval	4100	ft.		ft.	
Casing Depth Driller	8 5/8	in.	@ 1829	in.	@
Casing Depth RECON	8 5/8	in.	@ 1831	in.	@
Bit Size	7 7/8	in.		in.	
Drilling Fluid Type	Chemical				
Density	Viscosity	9.3 lb/gal	50 sec/qt		
Fluid Loss	PH	9.2 ml/30min	9.5 strip		
Source Of Sample	Flowline				
RM @ Measured Temp	1.027	Ohmm	@ 75	Ohmm	@
RMF @ Measured Temp	0.770	Ohmm	@ 75	Ohmm	@
RMC @ Measured Temp	1.283	Ohmm	@ 75	Ohmm	@
RM @ MRT	0.614	Ohmm	@ 130	Ohmm	@
Max Recorded Temp	130	DegF		DegF	
Time Drilling Stopped	14-FEB-2015		06:00		
Time Circulation Stopped	14-FEB-2015		09:30		
Time Logger On Bottom	14-FEB-2015		13:11		
Unit Num	Location	S409	OKLAHOMA CITY, OK		
Recorded By	H. GARCIA				
Witnessed By	MR. D. WILLIAMS				

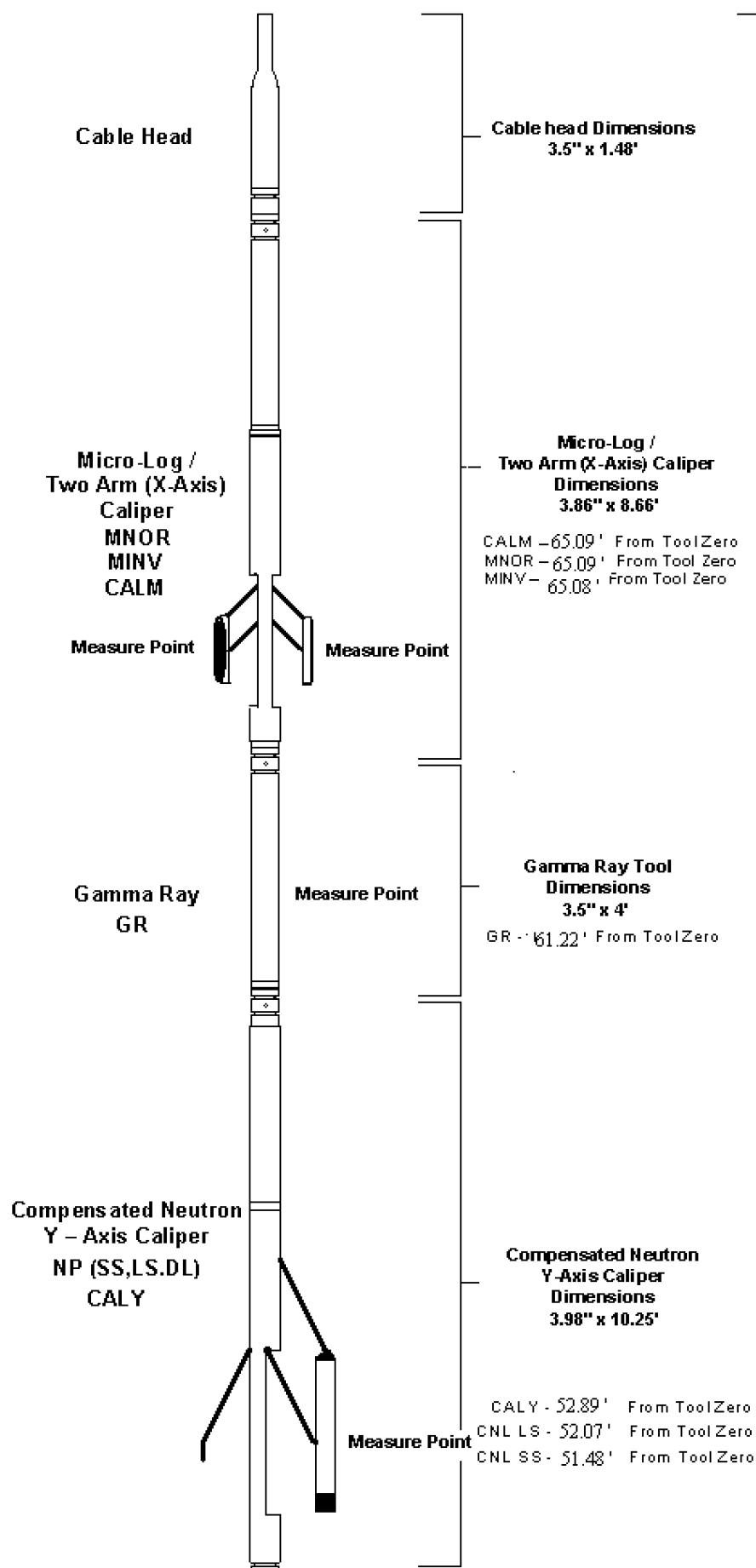
All interpretations are based on inferences from electrical or other readings, and therefore, RECON cannot and will not guarantee the accuracy of any interpretations of log data. RECON shall not be liable for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from	interpretations made by any of our officers, agents or employees, except in the case of provable Gross Negligence or willfull damage. Interpretations are also subject to the terms and conditions of our Price Schedule and General Service Agreement.
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RIG INFORMATION	
Drill Contr/Rig#	STERLING DRLG. #5

GENERAL REMARKS SECTION

FIRST RUN IN THE HOLE CNL AND LDT LOGGED IN A LIMESTONE MATRIX TOP MARK - 1841, BOTTOM MARK - 5445.3 CNL/LDT LOGGED MATRIX: 2.71 g/cc. CHLORIDES: 4000 ppm LCM: 3 lbs/bbl THANK YOU FOR USING RECON PETROTECHNOLOGIES LTD.	AHV CALCULATED ON 5.5" PROD. CASING Got stuck on main pass @ 4664' MERGED UP PASS WITH DOWN PASS TO GET MAIN PASS MISSING LOG SECTION FROM 4480 TO 4664 DUE TO MERGE CREW: M. CALLENTINE, B. THOMAS
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**DUAL INDUCTION - SP / BHC SONIC /
GAMMA RAY / LITHO-DENSITY / X CALIPER
COMPENSATED NEUTRON / Y-CALIPER
MICRO - LOG / M-CALIPER**



Digital Telemetry

**Digital Telemetry Section
Dimensions**
3.5" x 3.15'

**Tool String
Length Total**
73.64 '

**Compensated
Litho-Density (Pe)
X – Axis Caliper**

DP(SS,LS,DL)
RHOB
DRHO
PE
CALX
Measure Point

**Compensated Litho-Density
X-Axis Caliper
Dimensions**
3.98" x 9.35'

CALX - 38.94' From ToolZero
LDT w1 -
LDT w2 - -38.68' From ToolZero
LDT w3 -
LDT w4 -
LDT SS - 38.19' From ToolZero

**Borehole
Compensated
Sonic**

SP(SS,LS,DL)
DT
TTI
VDL
TT

Measure Point
Tool First Reading
Point

T-1
Transmitter 1

**Borehole Compensated Sonic
Tool Dimensions**
3.5" x 15.75'

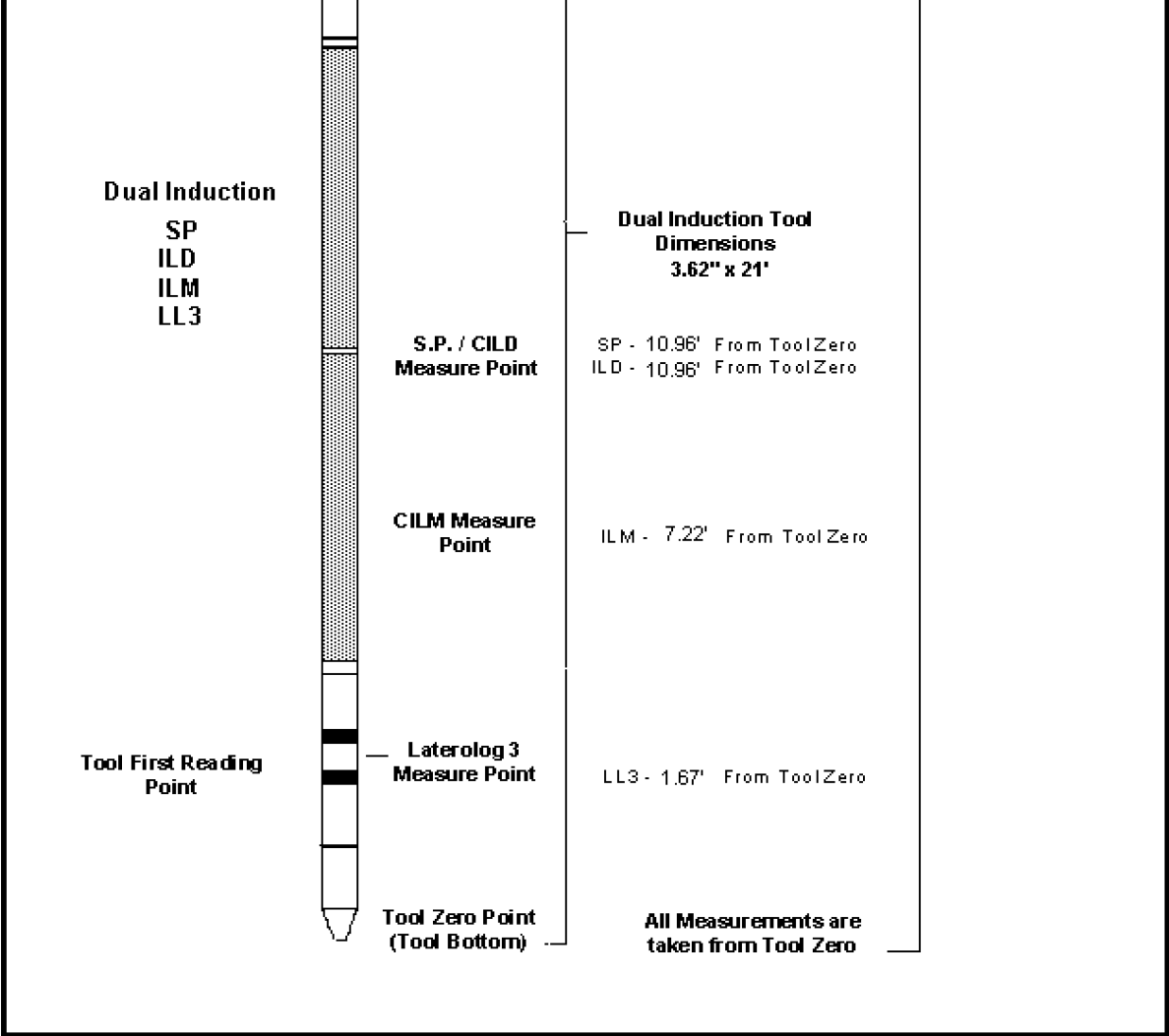
T1R1 - 33.35' From ToolZero
T1R2 - 31.35' From ToolZero

R-1
Receiver 1

R-2
Receiver 2

T2R1 - 28.54' From Tool Zero
T2R2 - 28.37' From Tool Zero

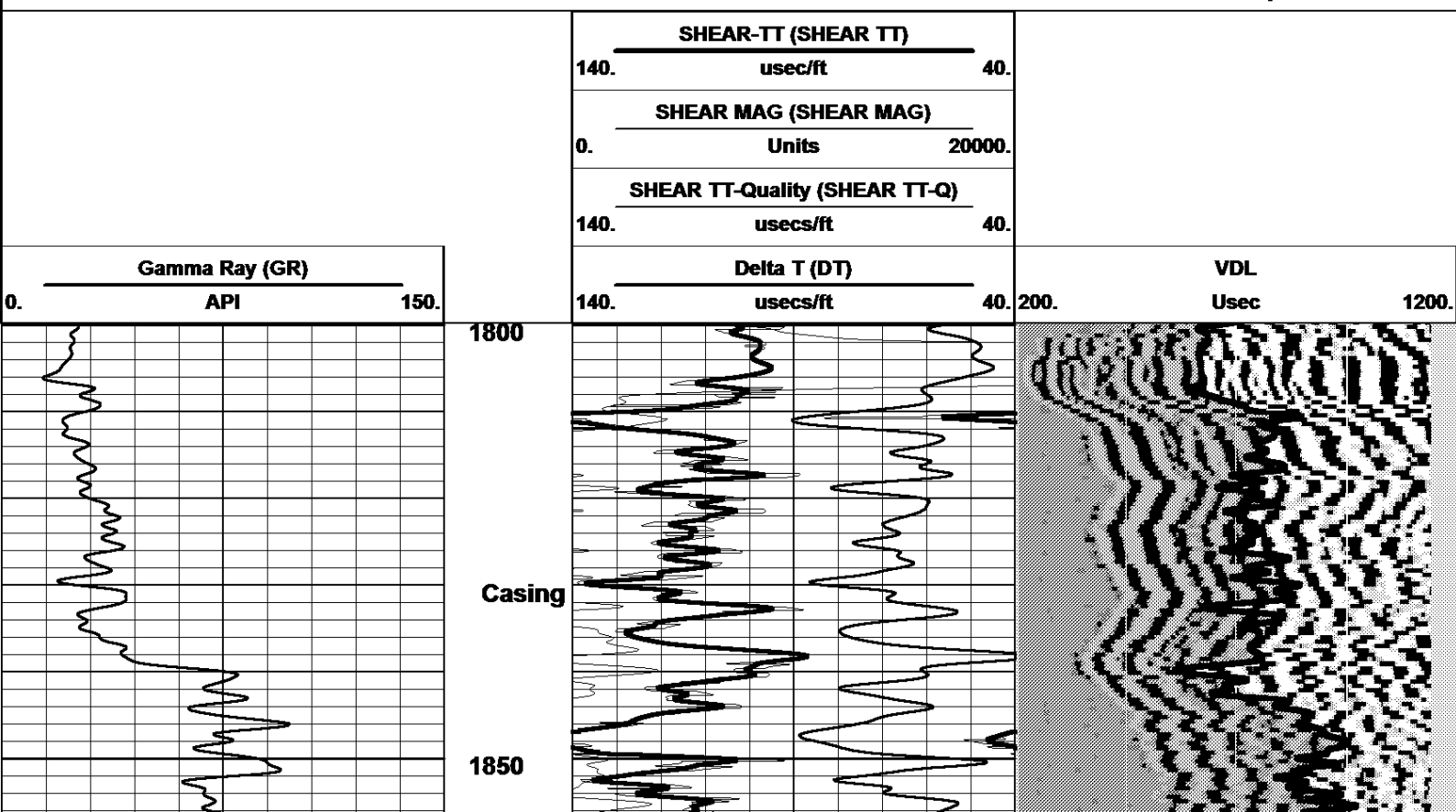
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Transmitter 2

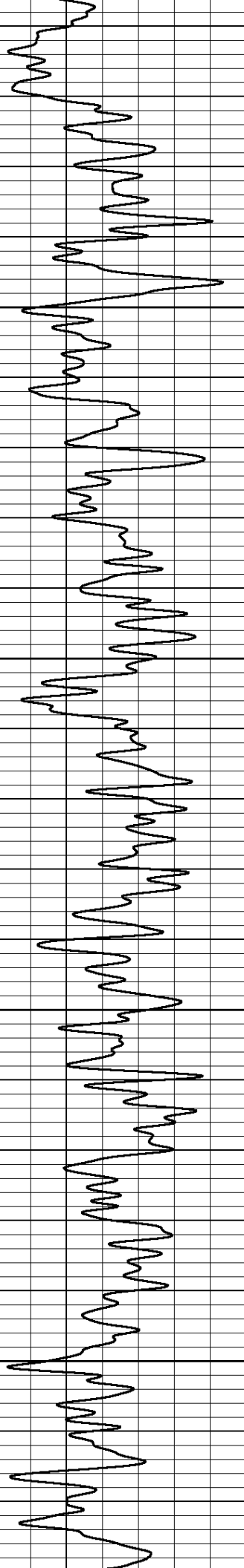


02/14/2015
13:09:29 => End Time

DOWN LOG (5"/100Ft)

Log UP - (VER 11.19)
End Depth=> 1878.50 Feet



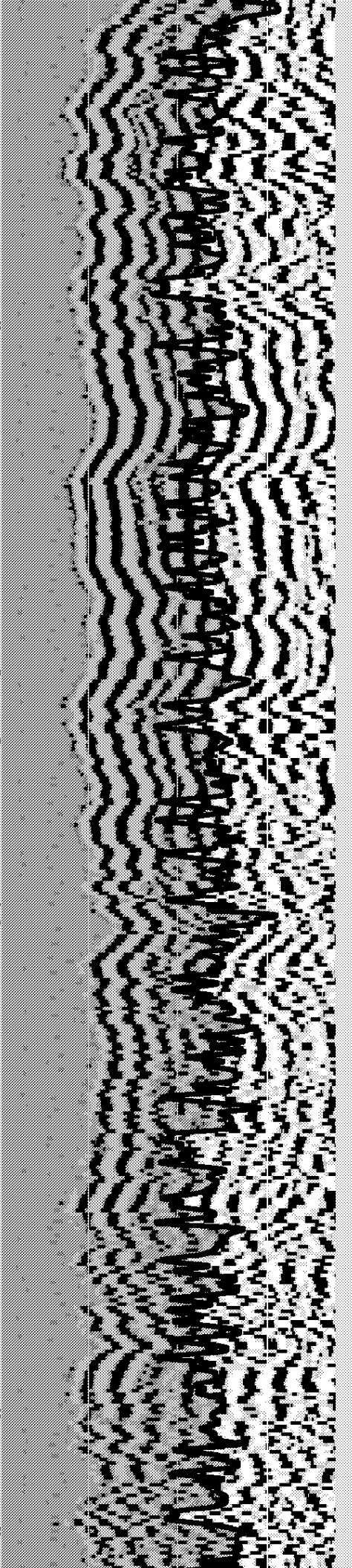
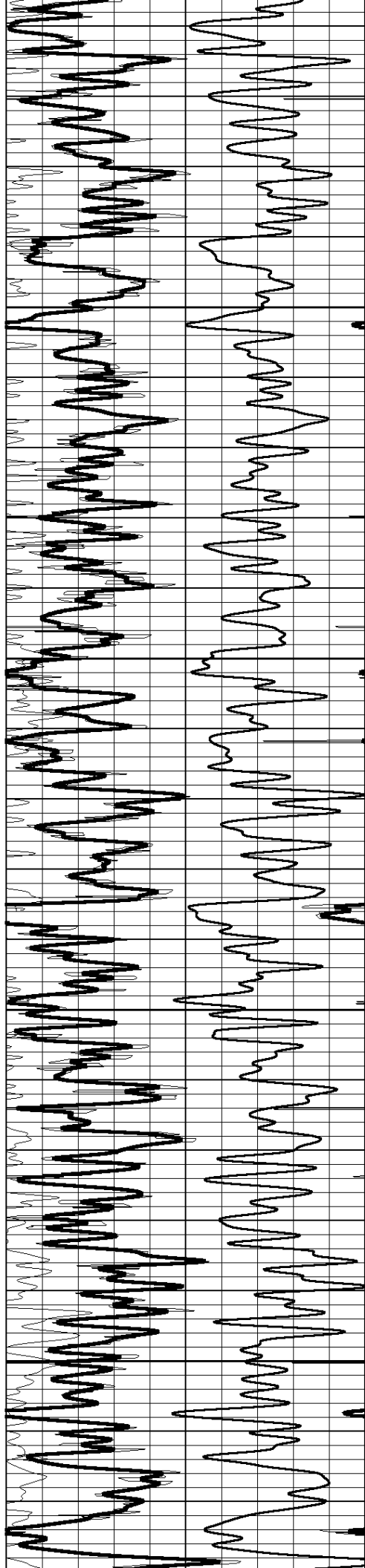


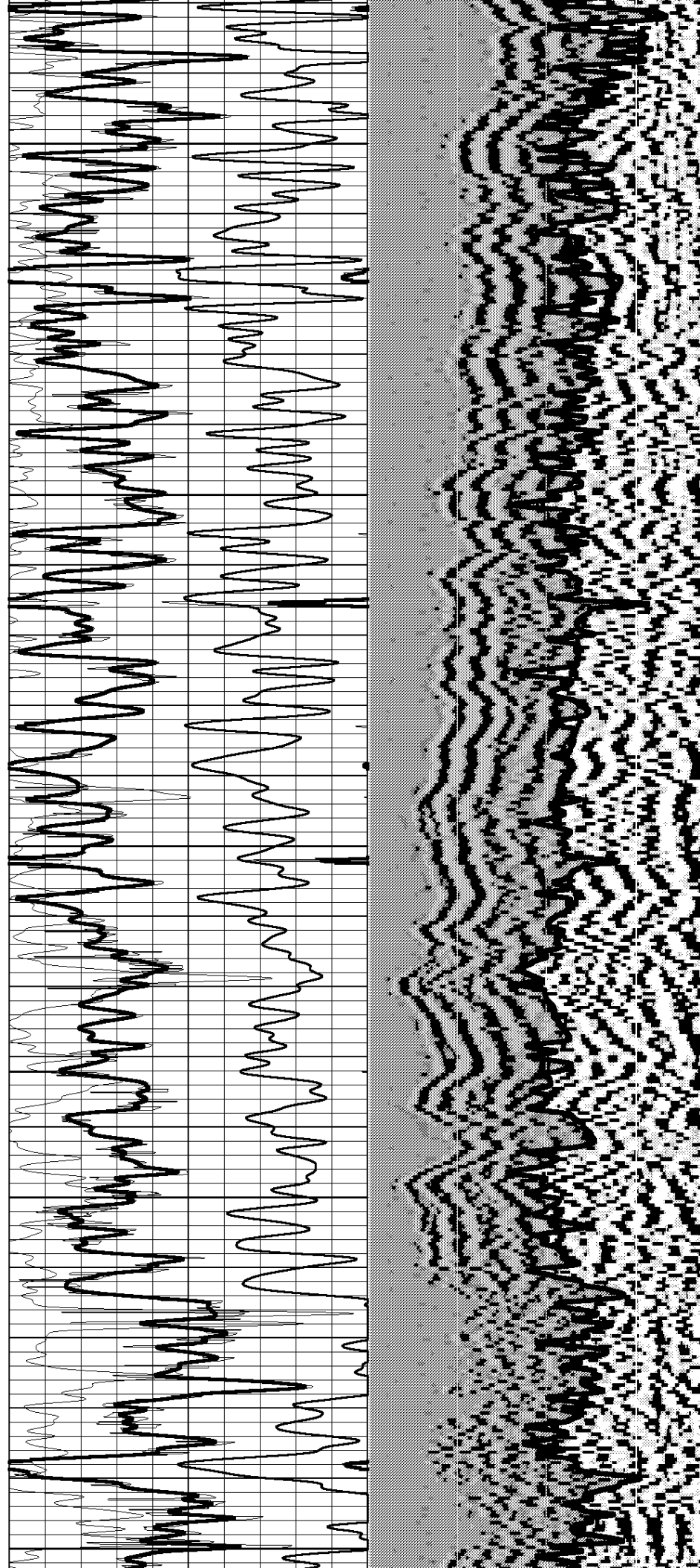
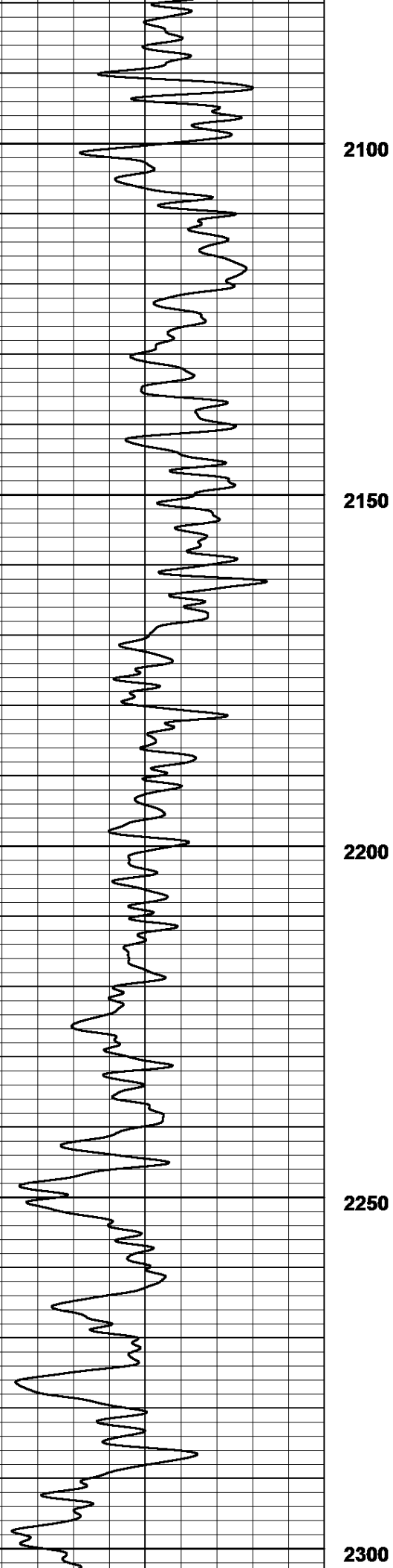
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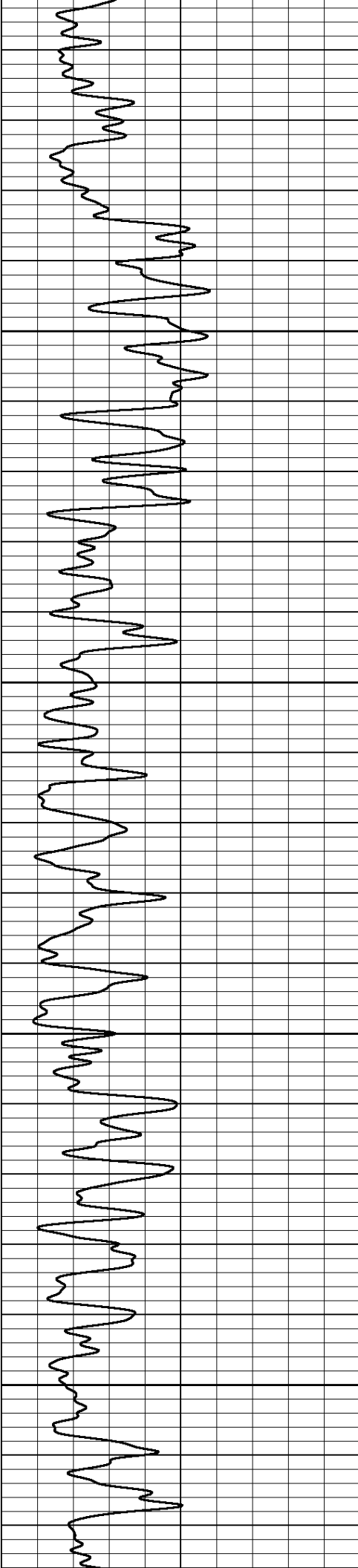
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2000

2050





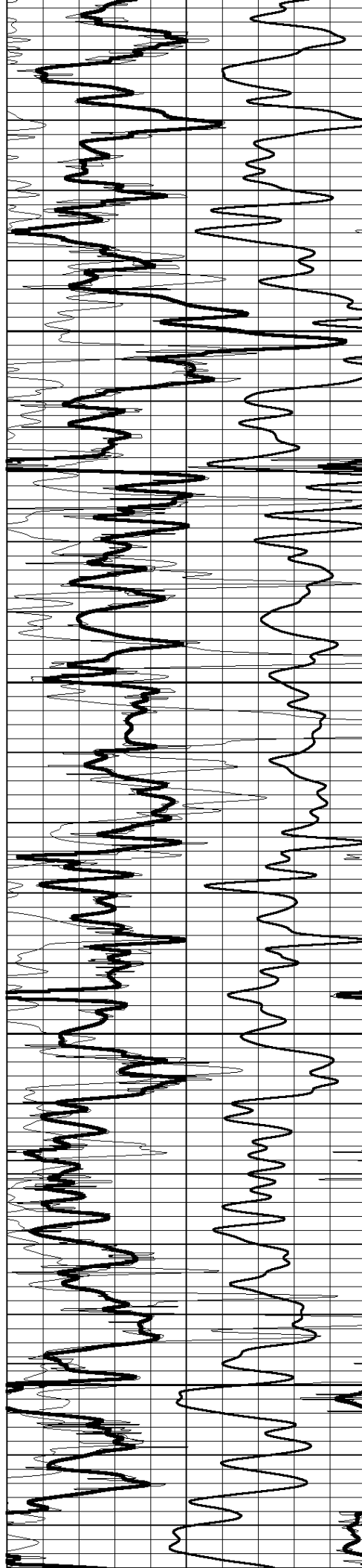


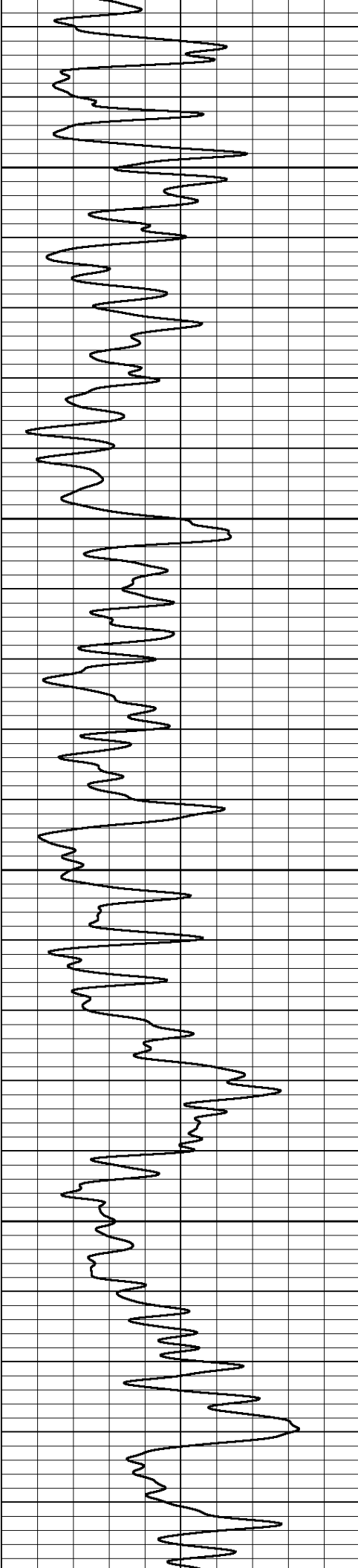
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2400

2450

2500



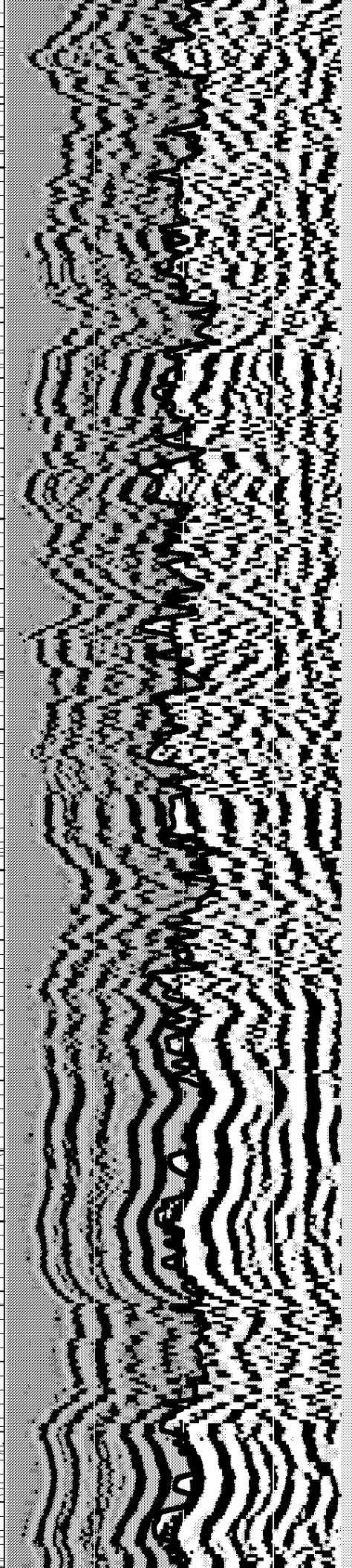
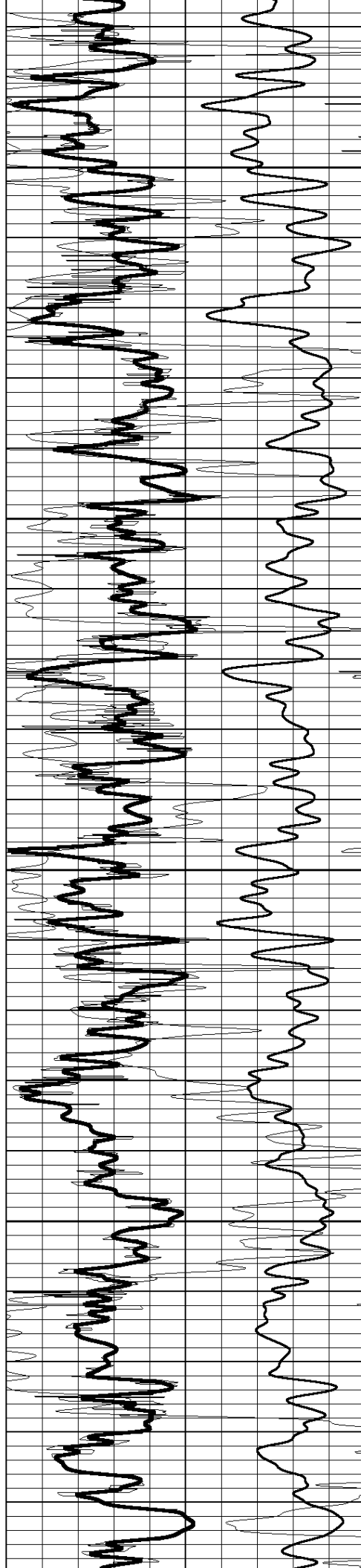


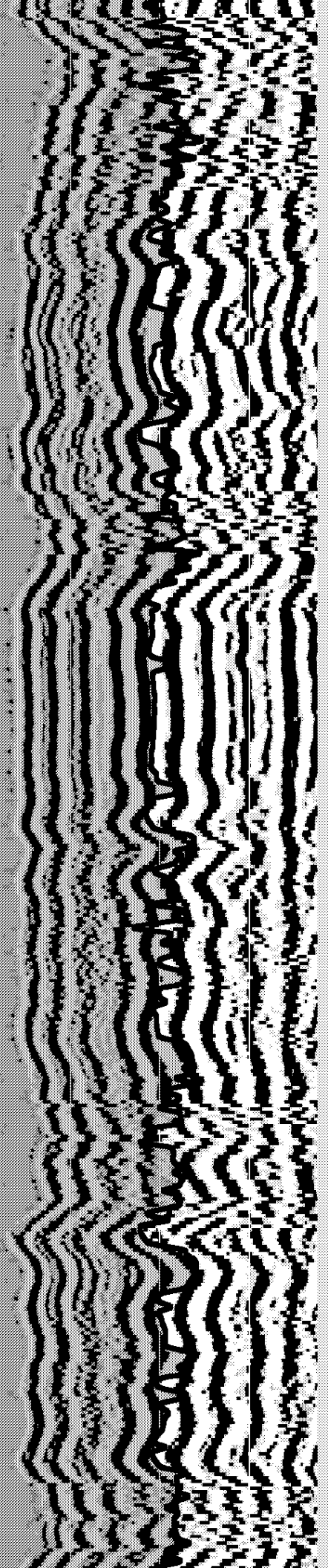
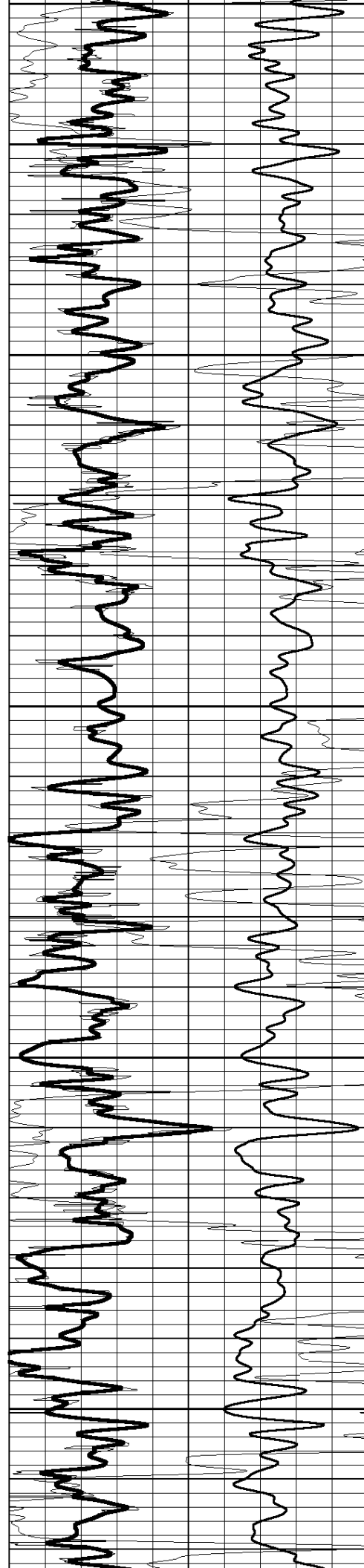
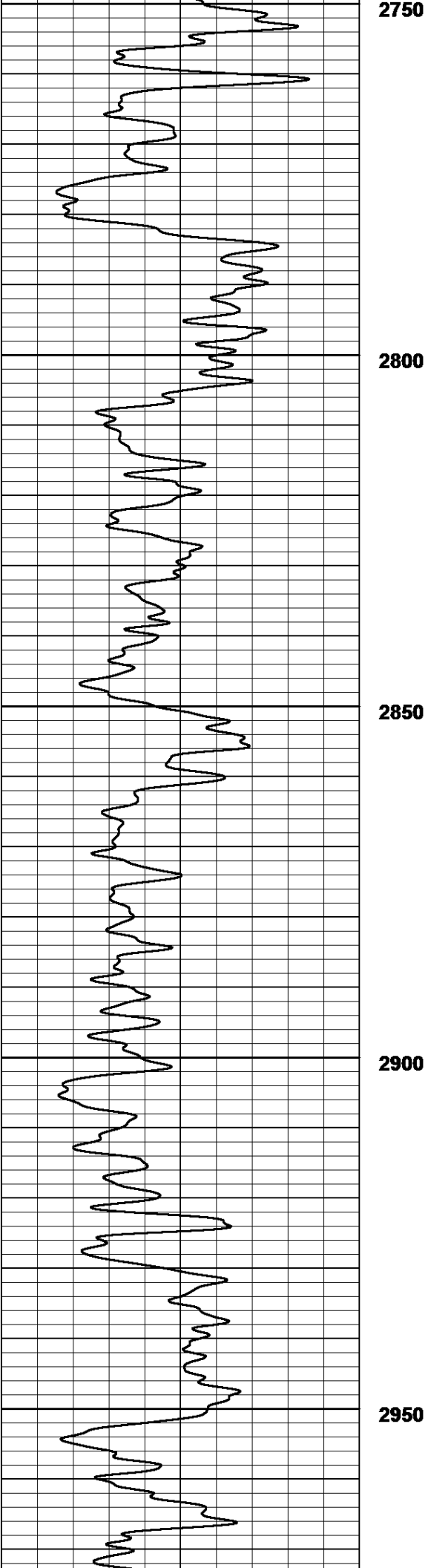
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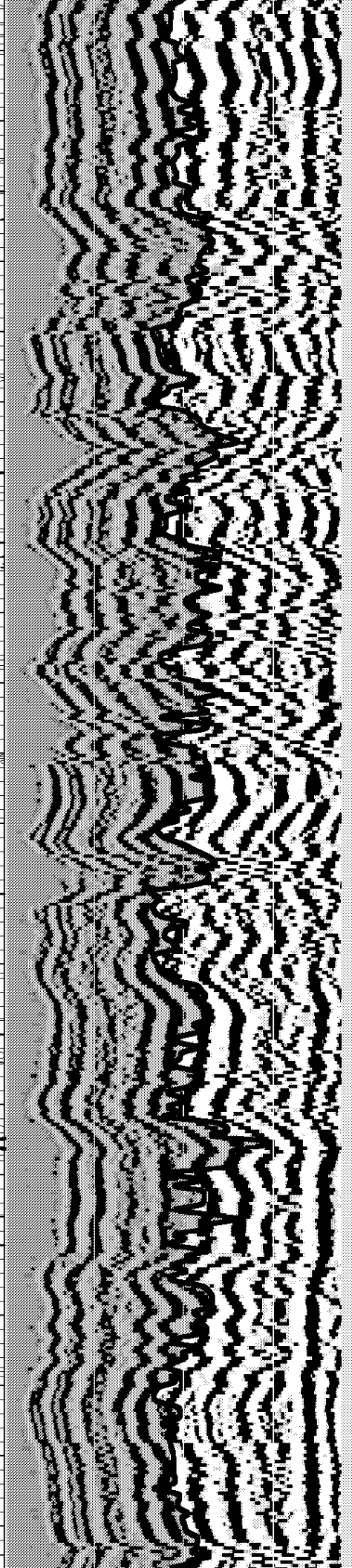
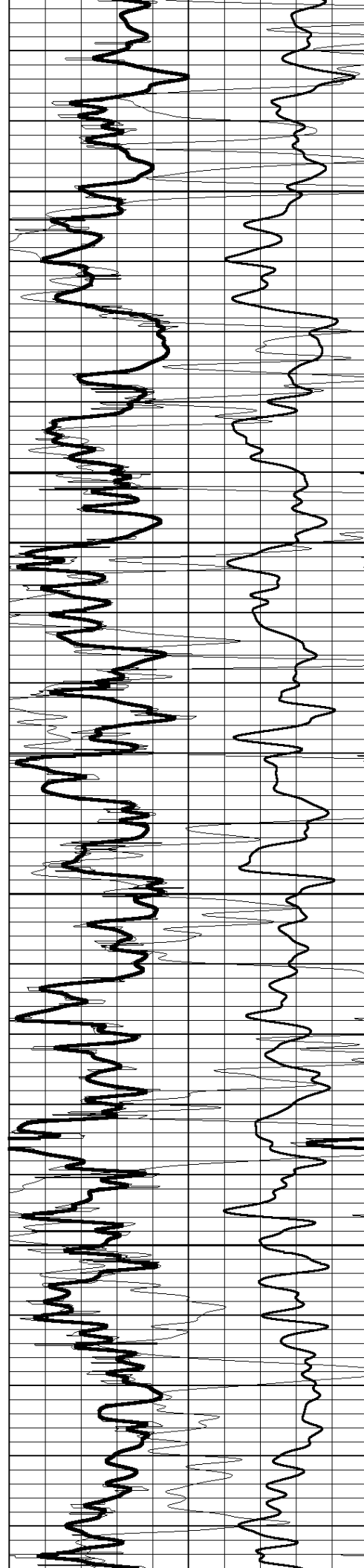
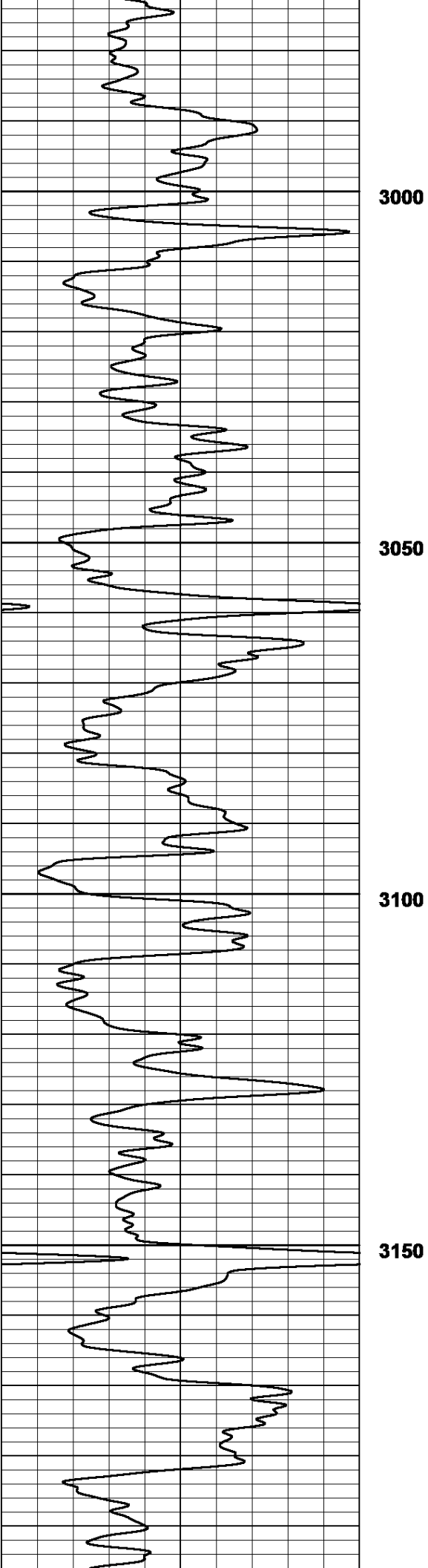
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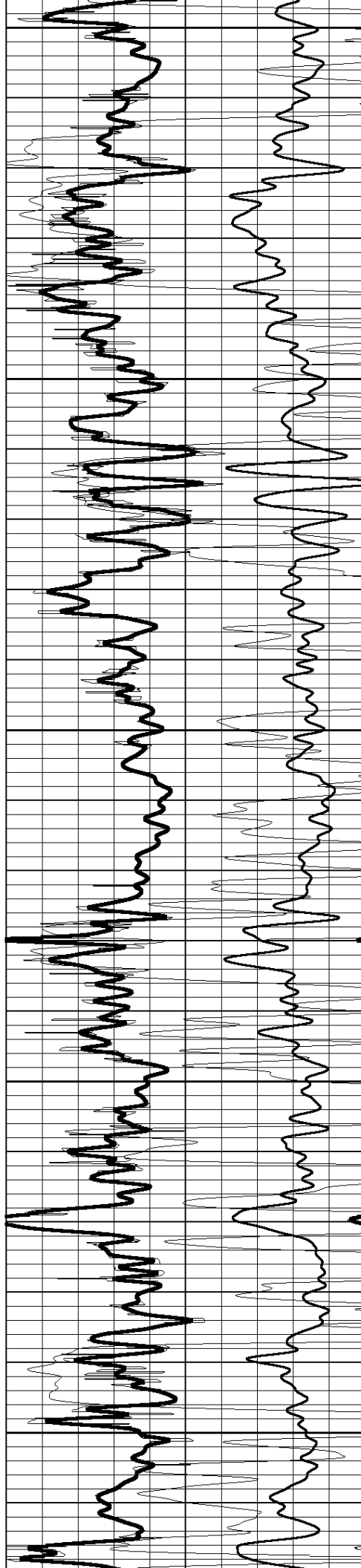
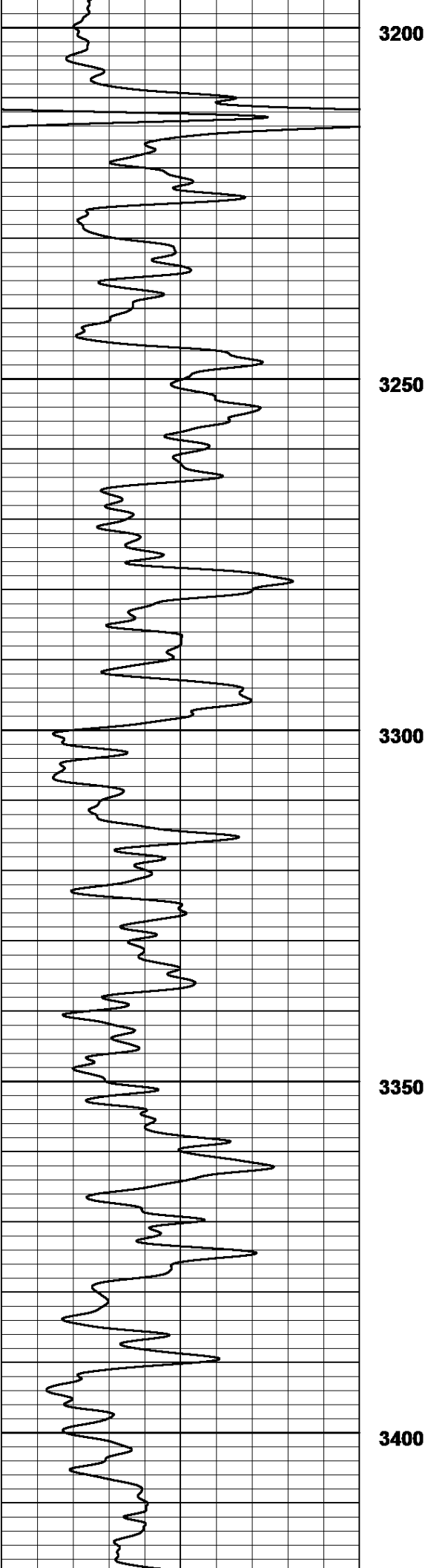
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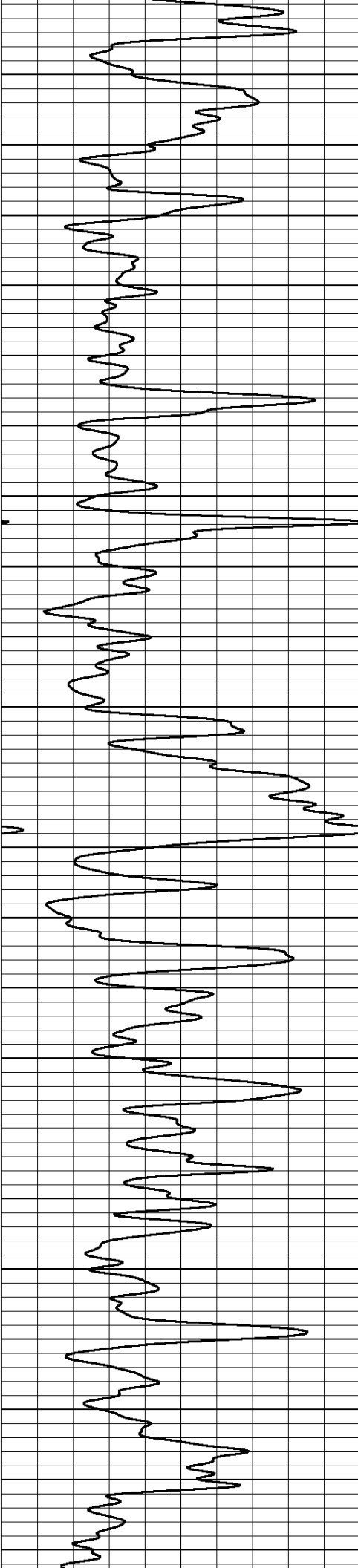
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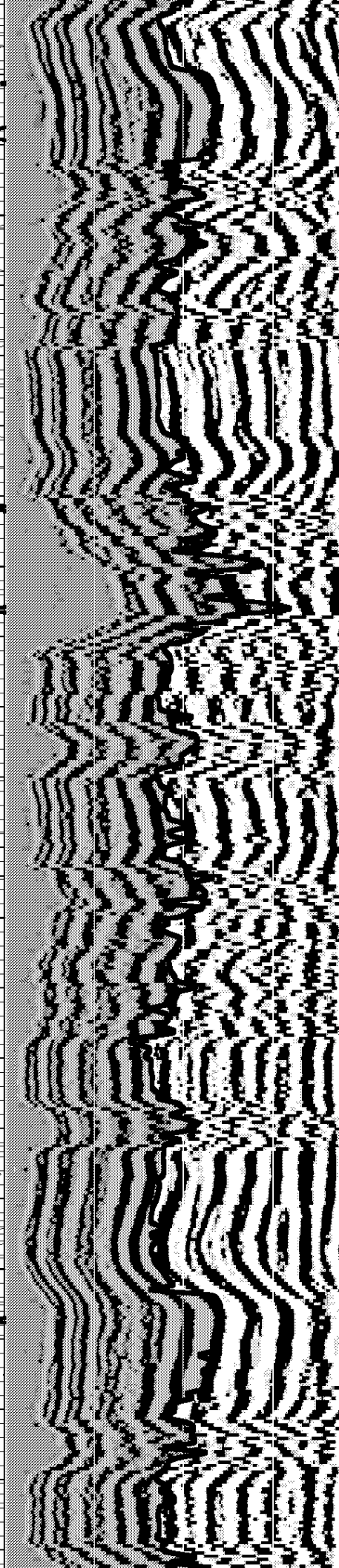
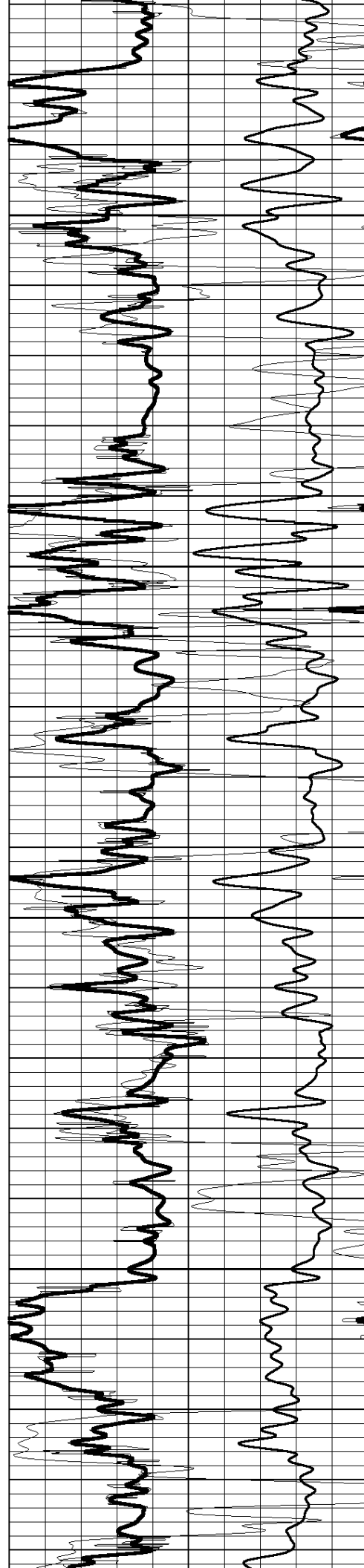


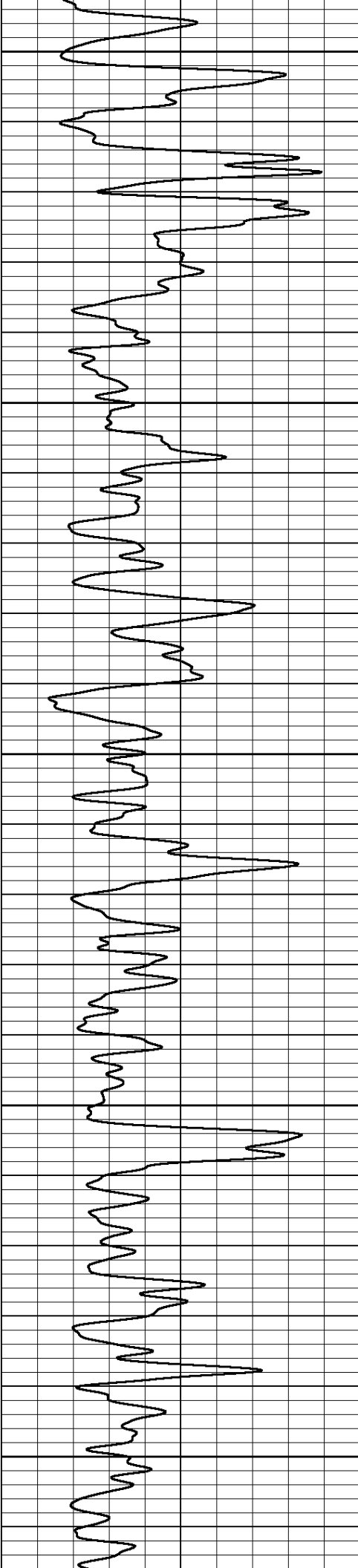
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3600





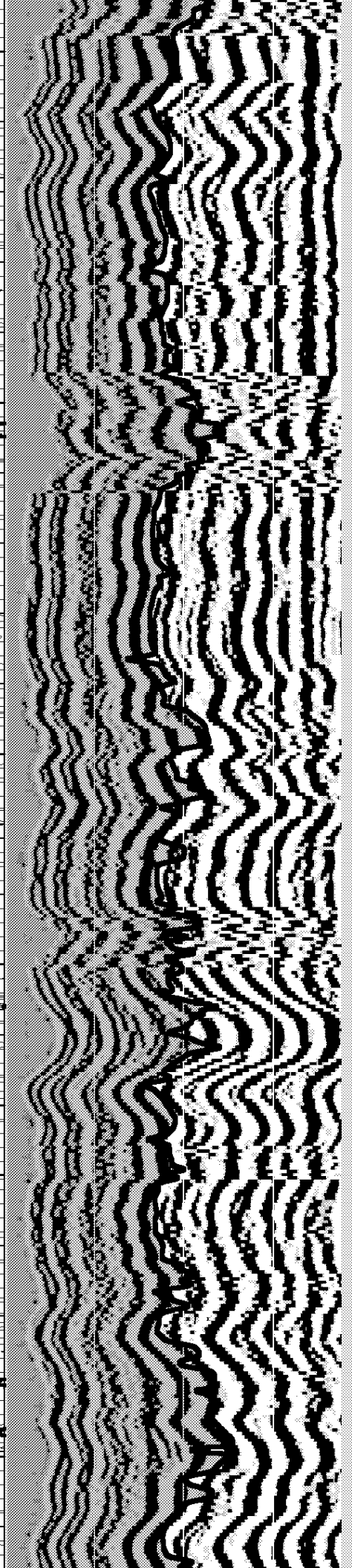
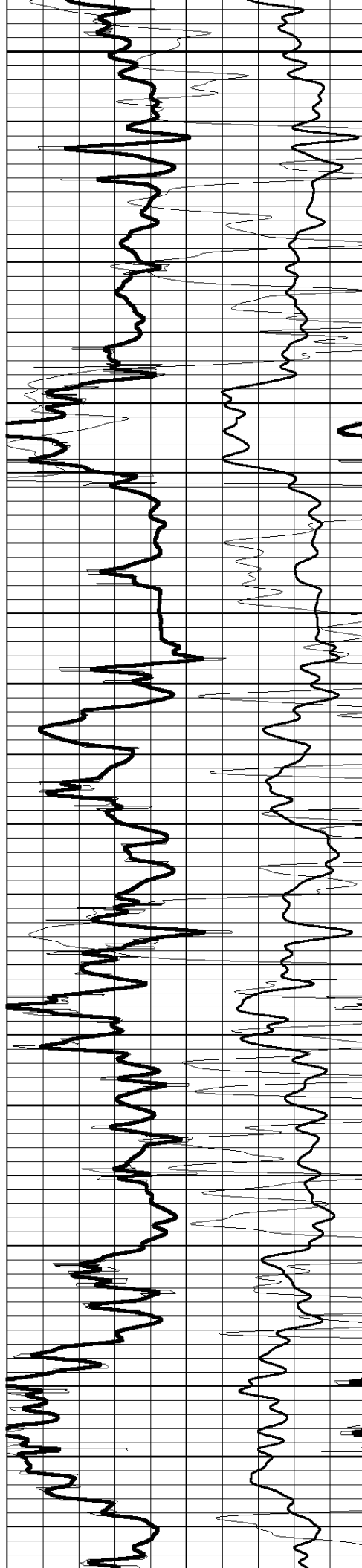
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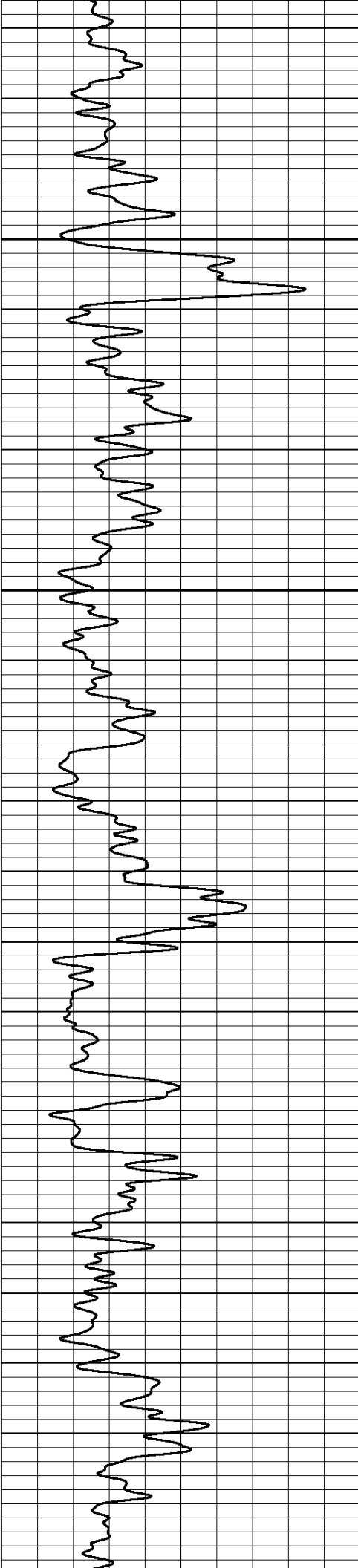
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3750

3800

3850



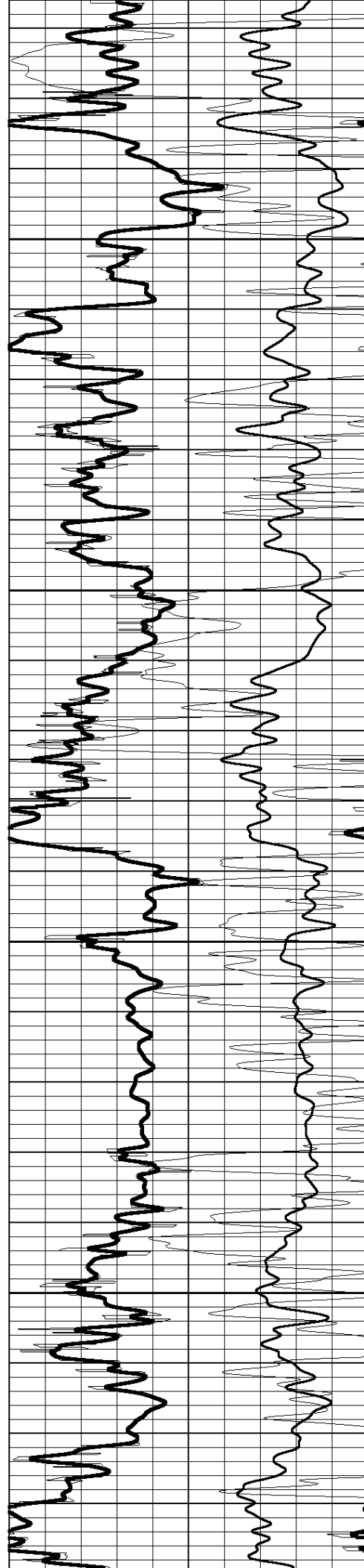


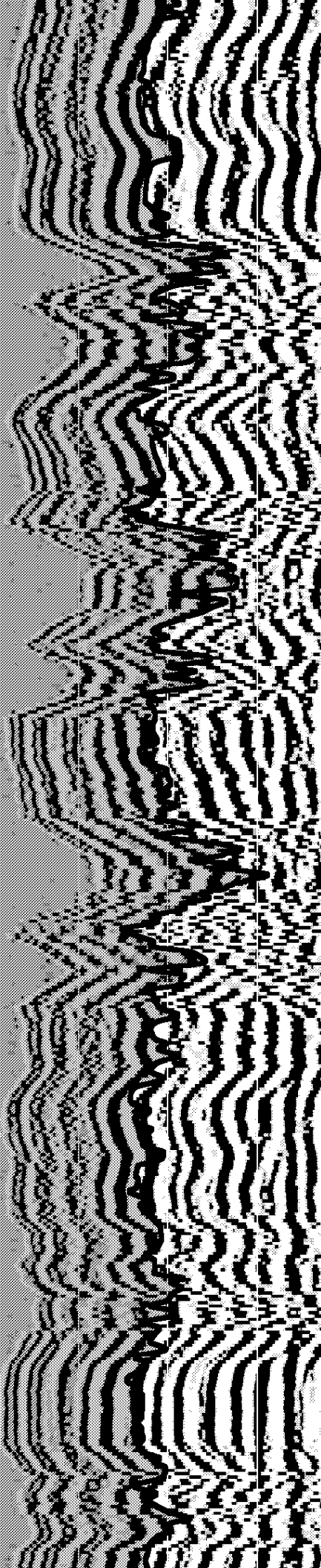
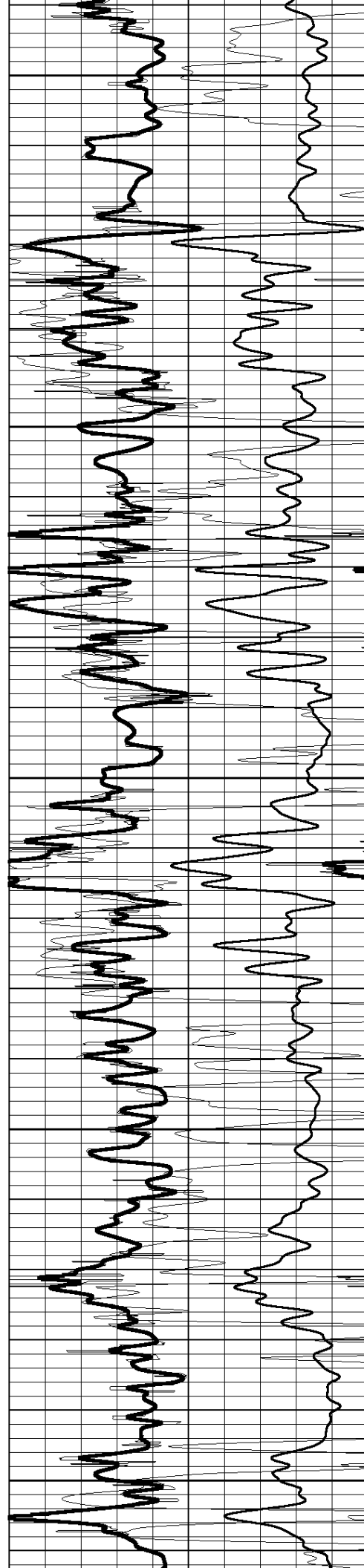
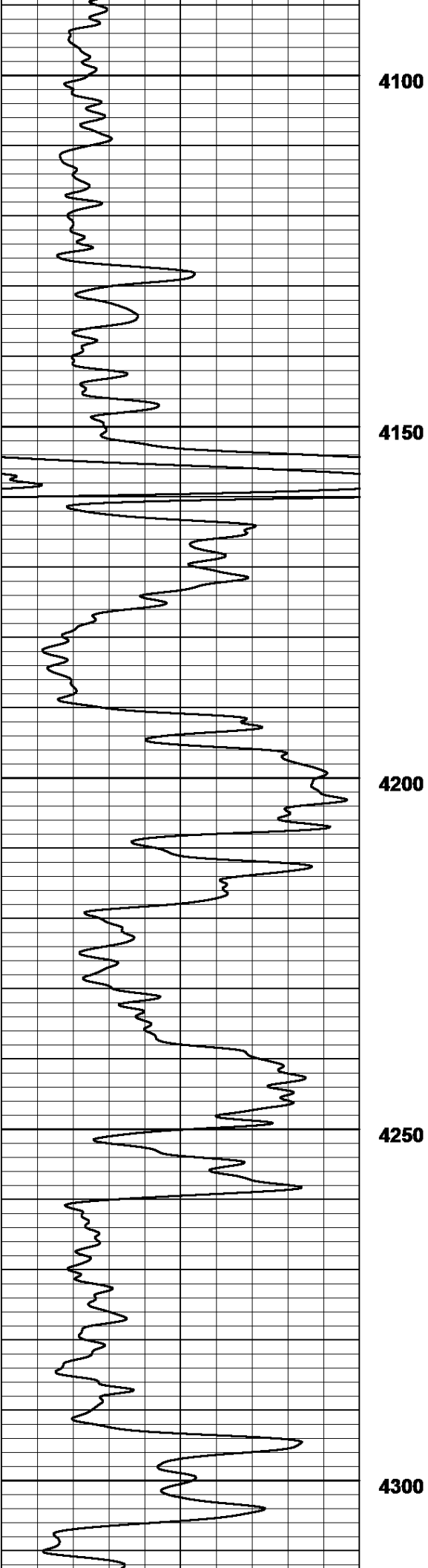
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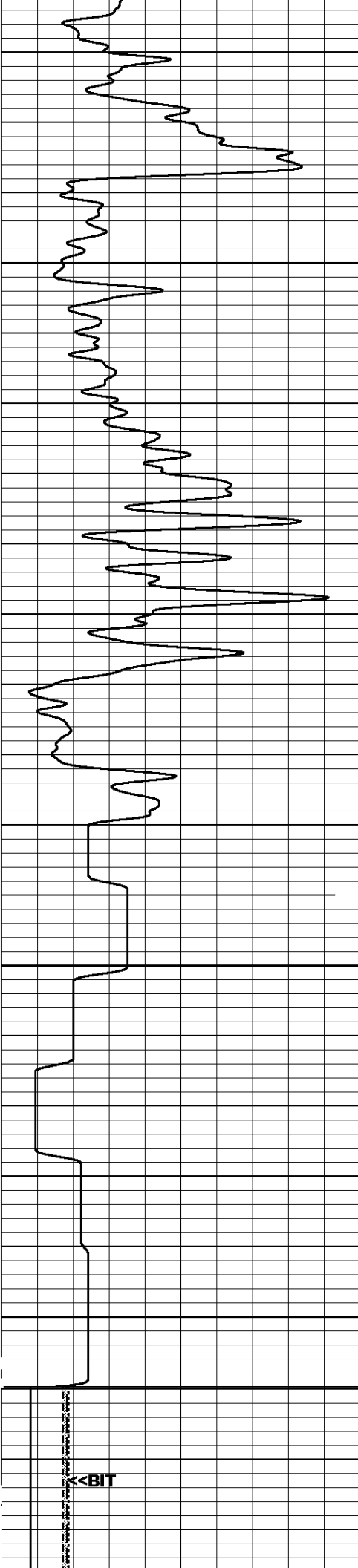
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4000

4050







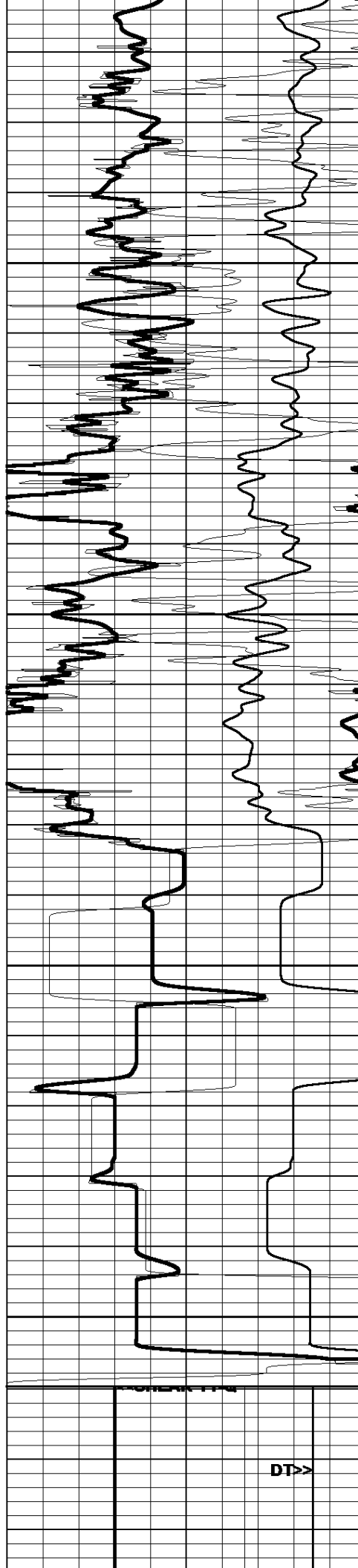
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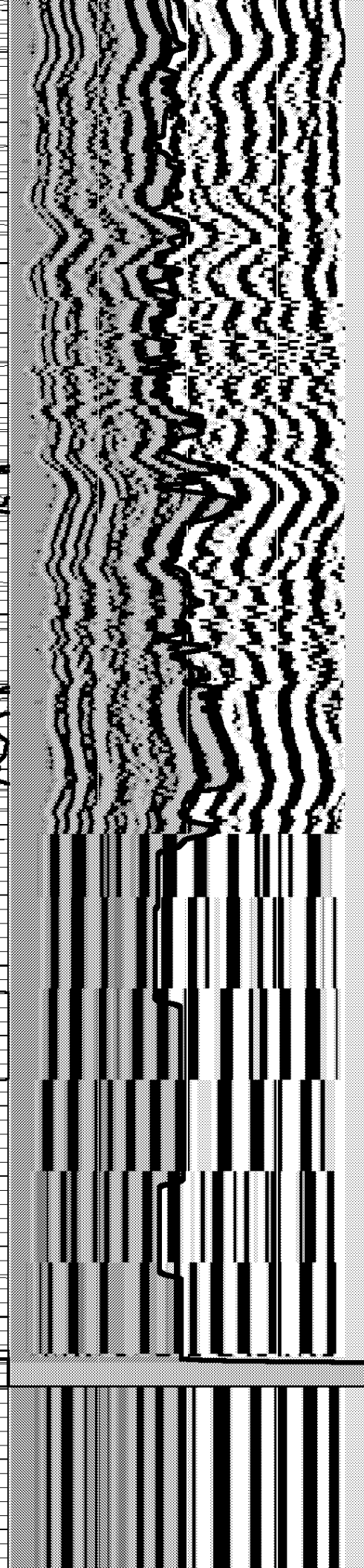
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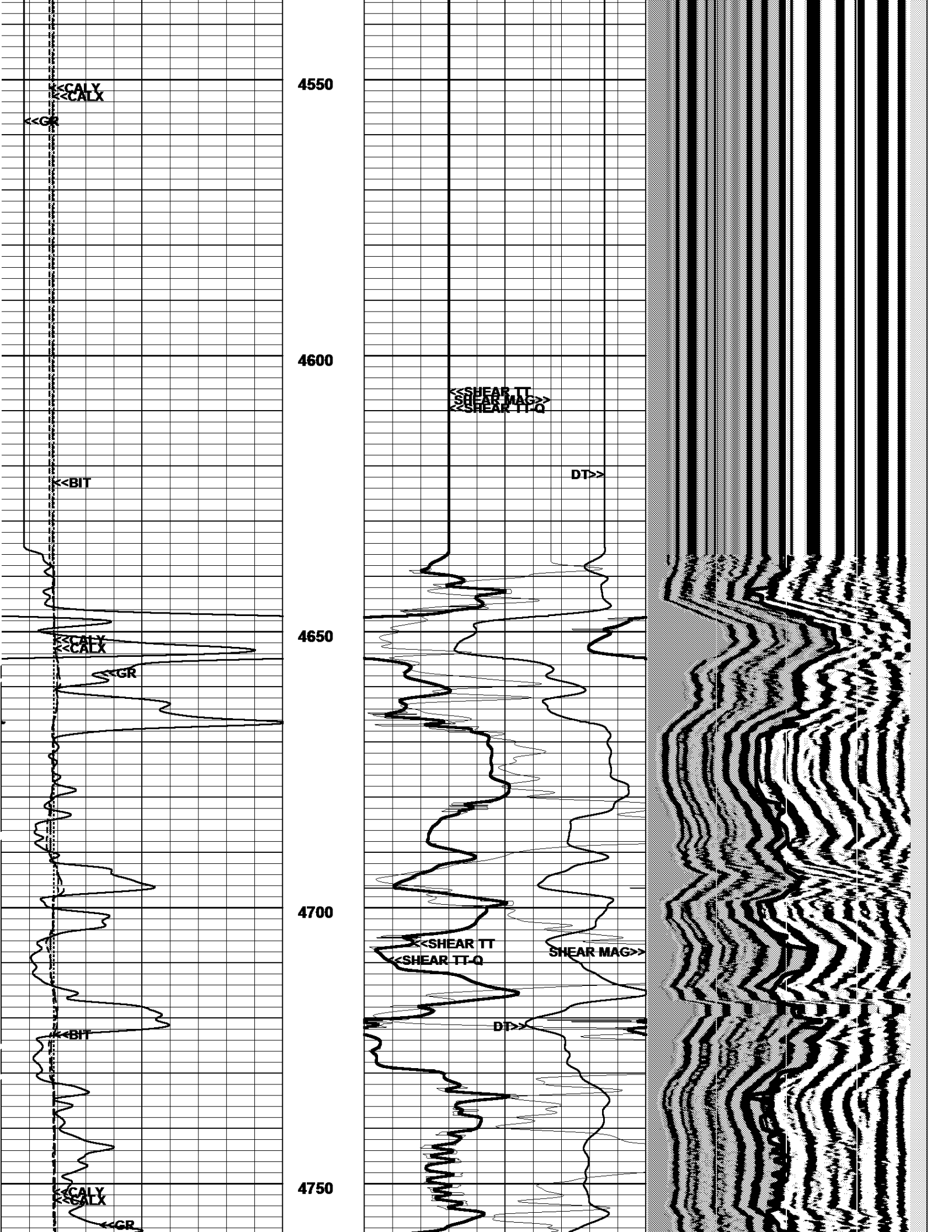
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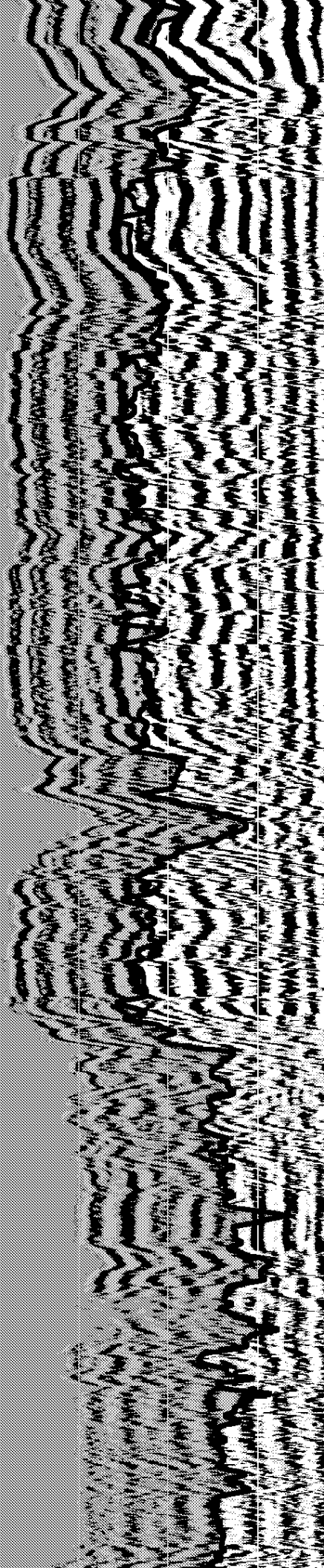
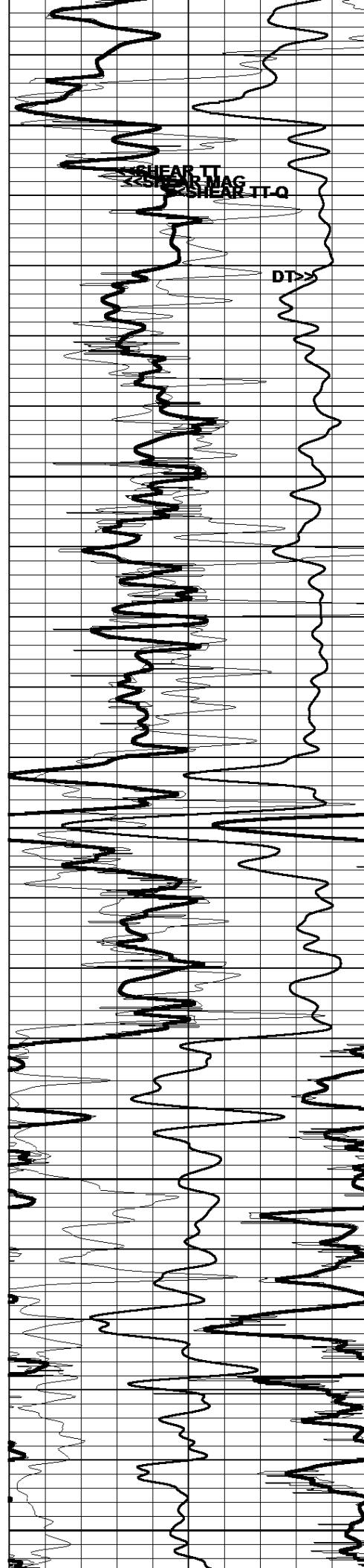
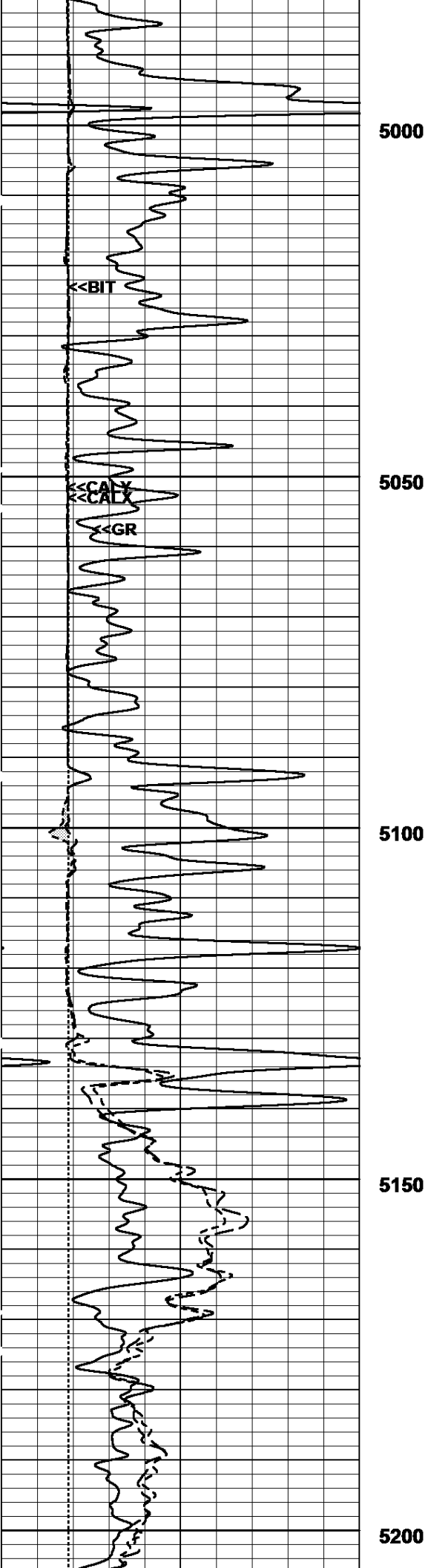
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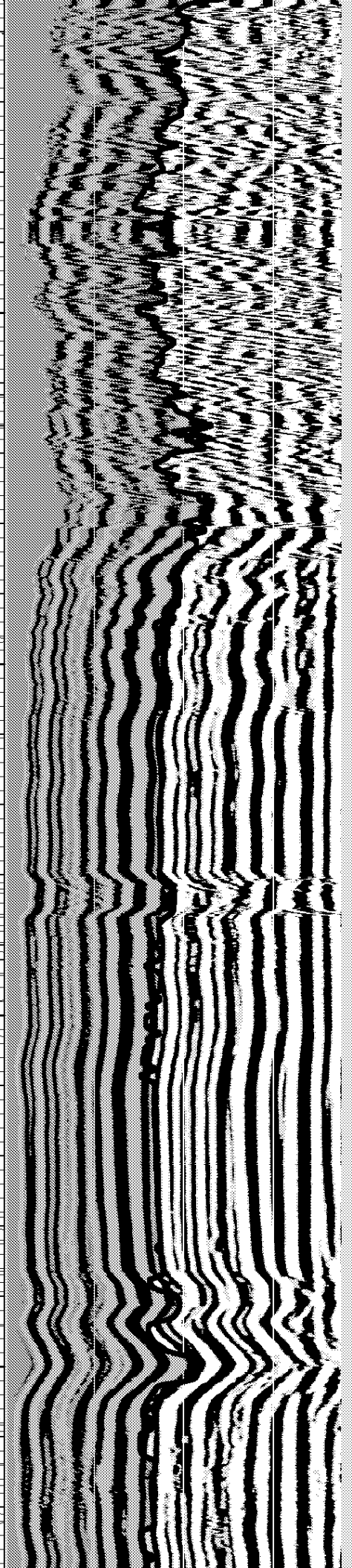
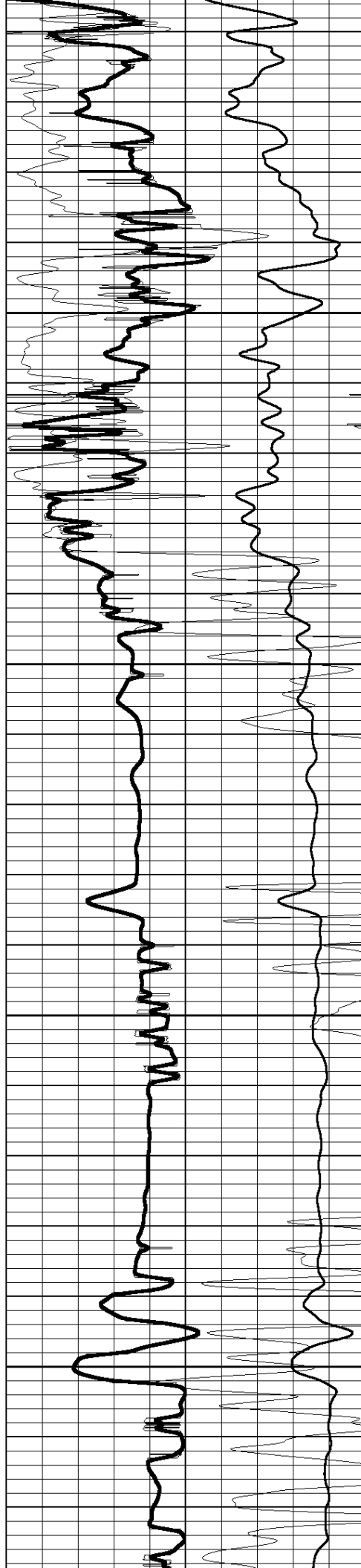
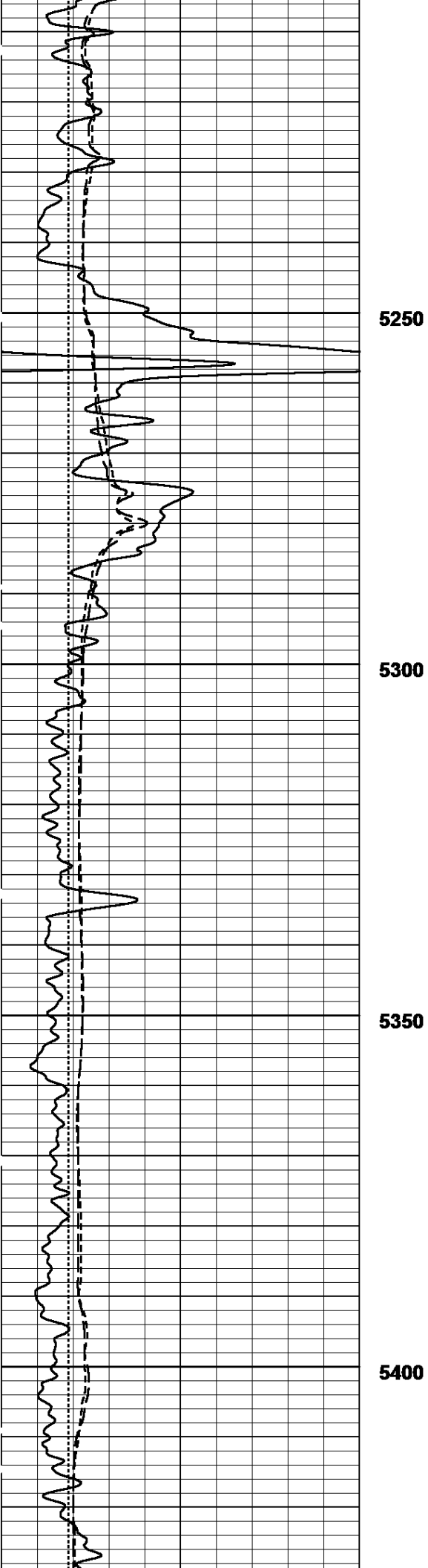


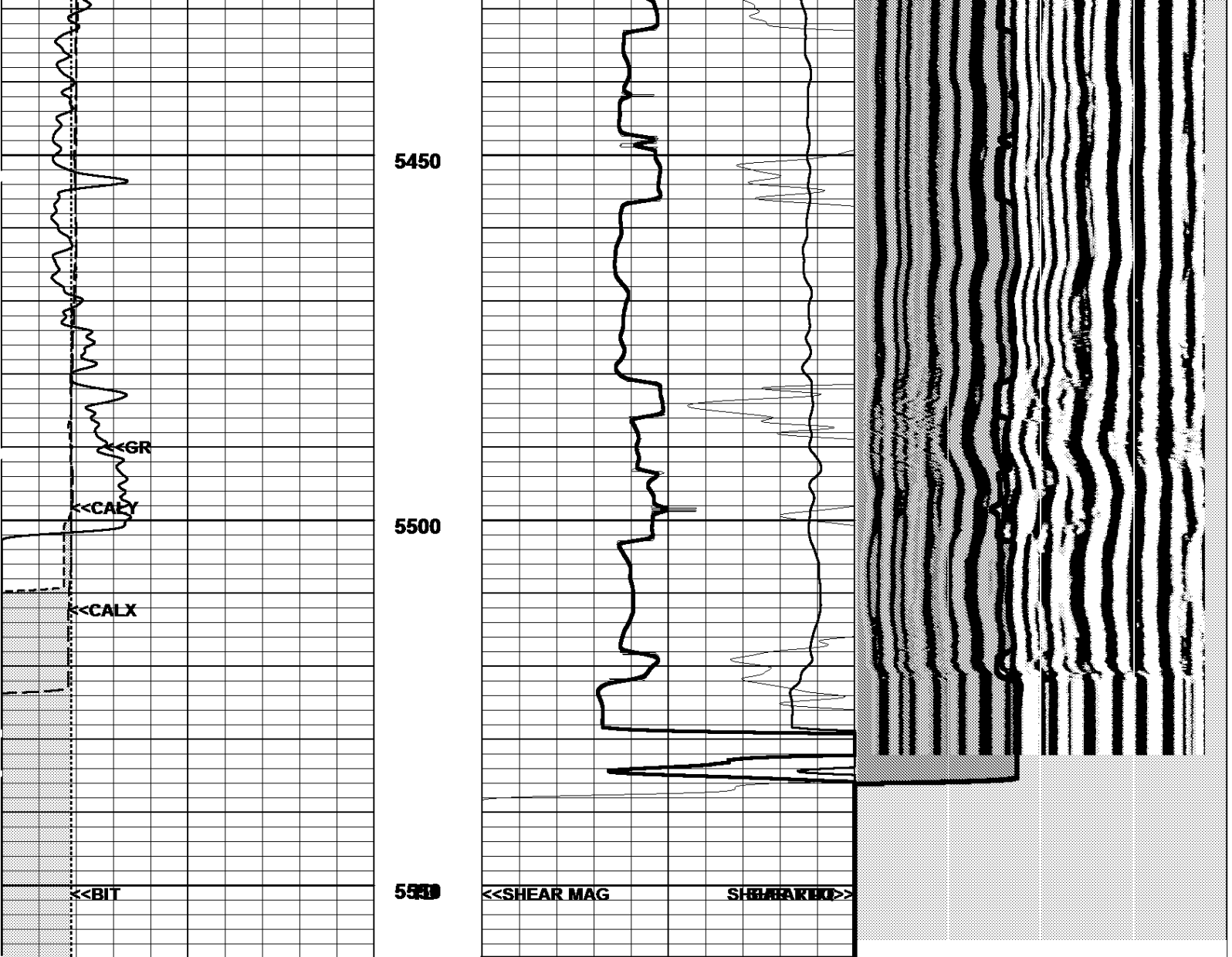
DT>>











Gamma Ray (GR)		Delta T (DT)		VDL	
0.	API	150.	140.	200.	Usec
6.	X-Caliper (CALX)	16.	40.	1200.	
6.	in	16.	40.		
6.	Y-Caliper (CALY)	16.	40.		
6.	in	16.	40.		
6.	Bit Size (BIT)	16.	40.		
6.	Ref in	16.	40.		

02/14/2015
12:51:00 ⇒ Start Time

MAIN PASS (5"/100Ft)

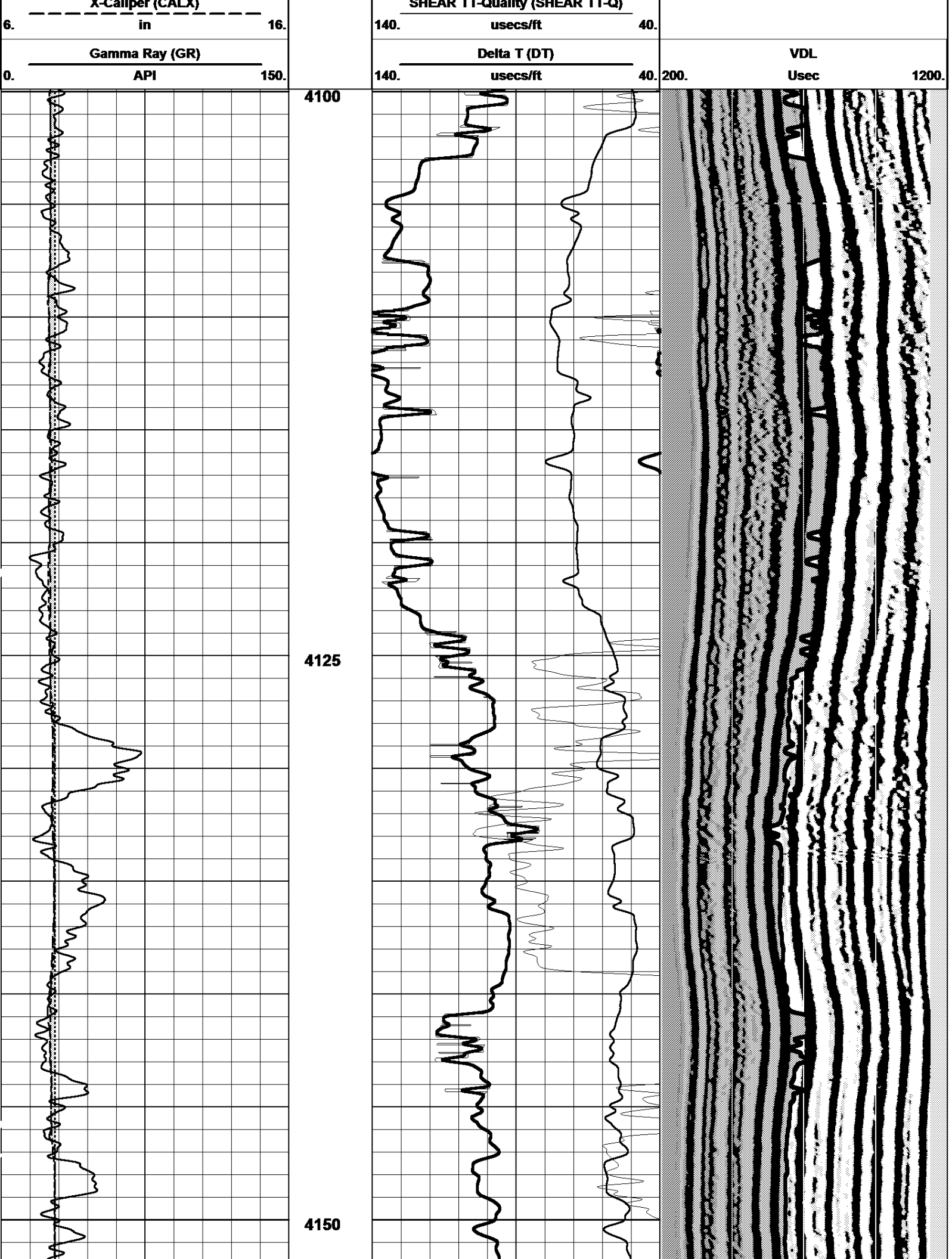
Log UP - (VER 11.19)
Start Depth⇒ 5559.95 Feet

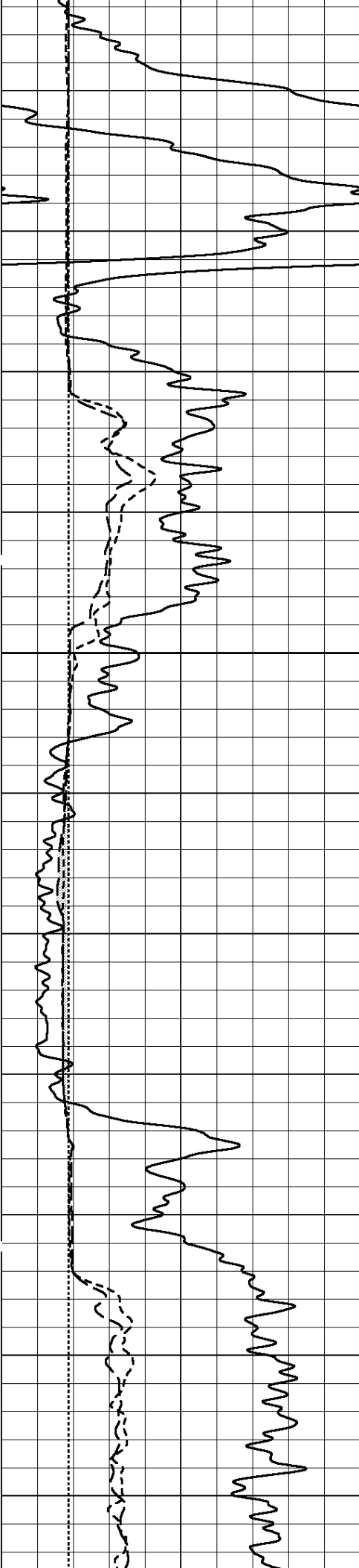
Bit Size (BIT)		SHEAR-TT (SHEAR TT)		SHEAR TT-Quality (SHEAR TT-Q)	
6.	Ref in	16.	140.	40.	40.
6.	Y-Caliper (CALY)	16.	40.	40.	40.
6.	in	16.	40.	40.	40.
6.	X-Caliper (CALX)	16.	40.	40.	40.
6.	in	16.	40.	40.	40.

02/14/2015
14:04:20 ⇒ End Time

HIGH DEFINITION PASS (20"/100Ft)

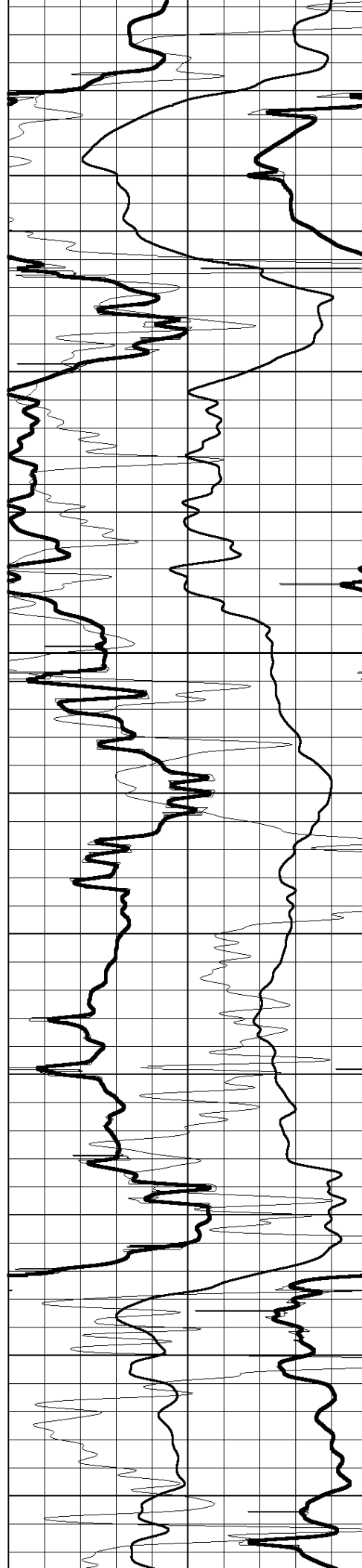
Log UP - (VER 11.19)
End Depth⇒ 4099.95 Feet

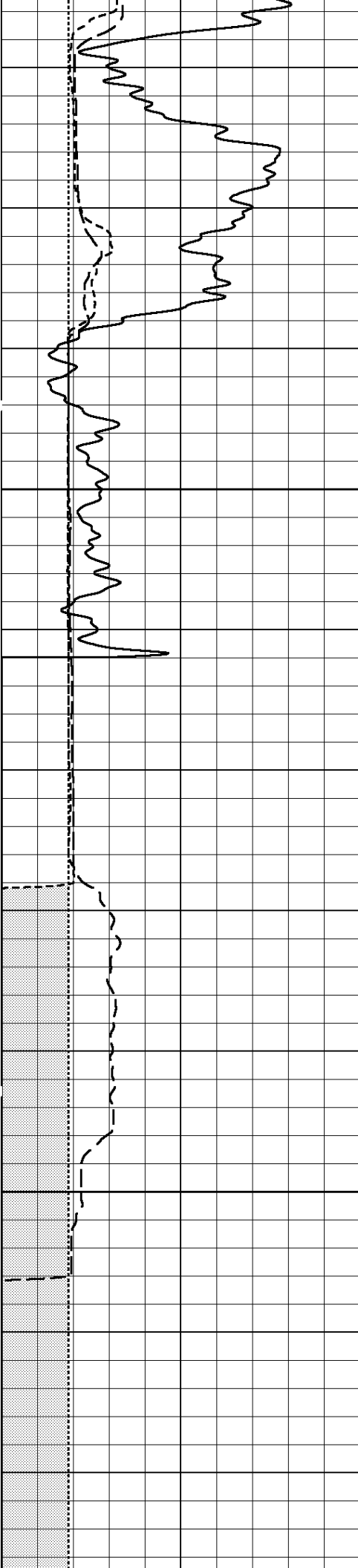




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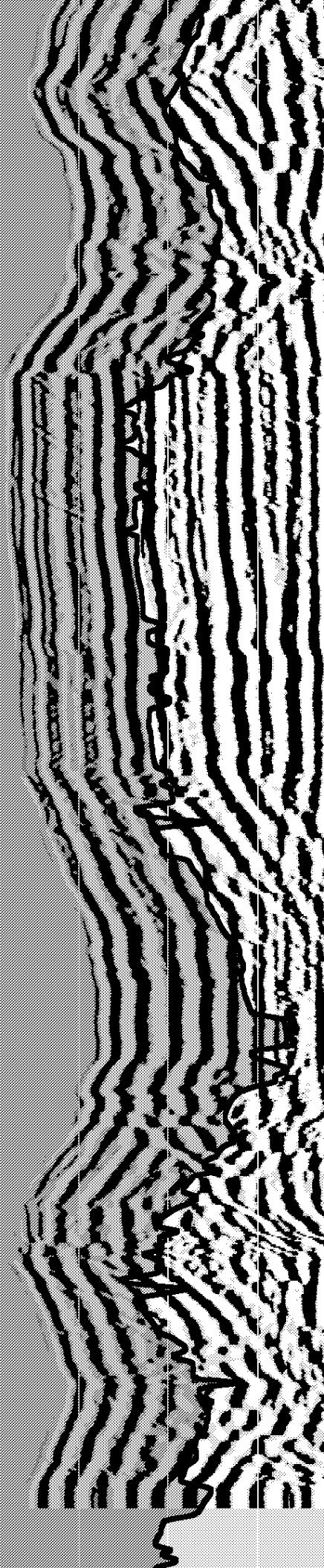
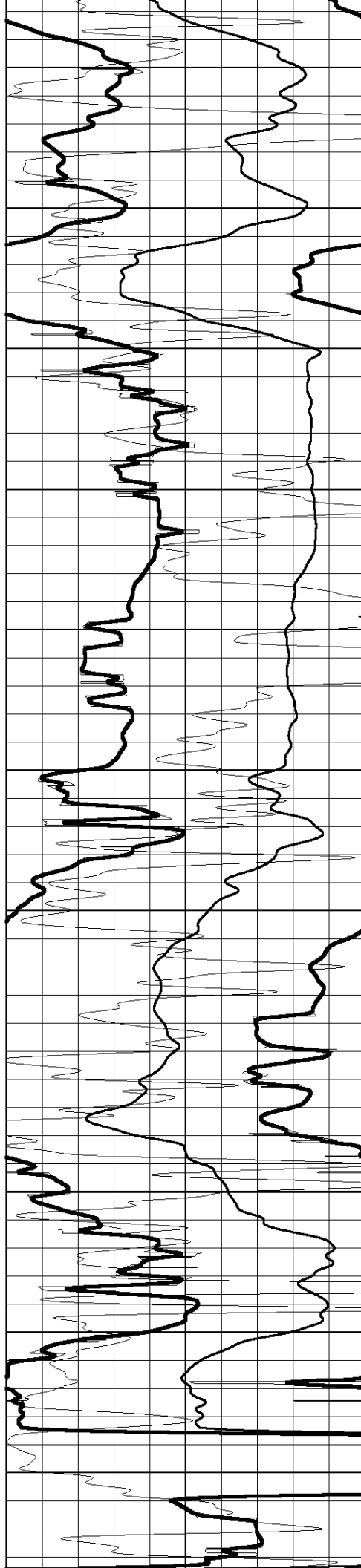
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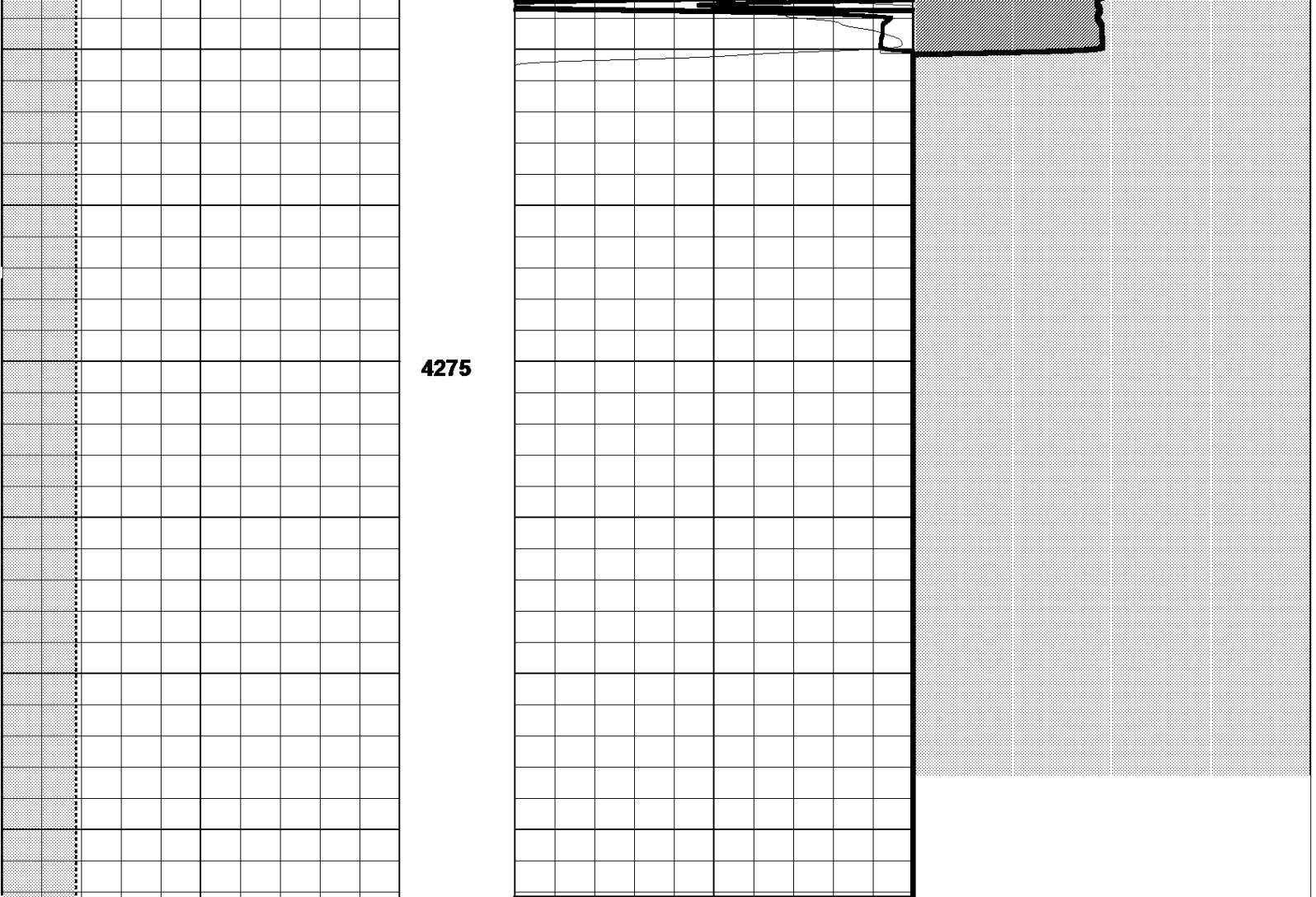




4225

4250



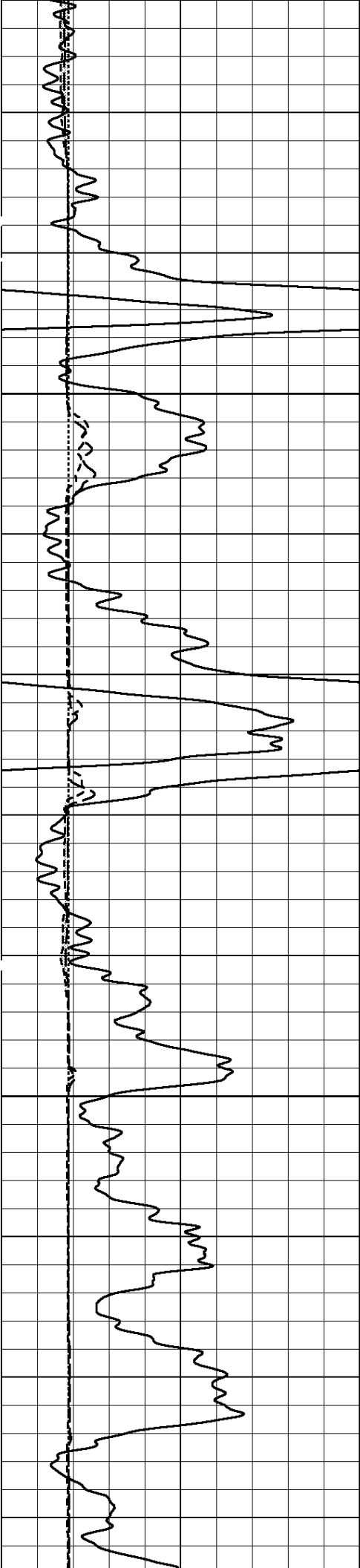


Gamma Ray (GR)		Delta T (DT)		VDL	
0.	API 150.	140.	usecs/ft 40.	200.	Usec 1200.
X-Caliper (CALX)		SHEAR TT-Quality (SHEAR TT-Q)			
6.	in 16.	140.	usecs/ft 40.		
Y-Caliper (CALY)		SHEAR MAG (SHEAR MAG)			
6.	in 16.	0.	Units 20000.		
Bit Size (BIT)		SHEAR-TT (SHEAR TT)			
6.	Ref in 16.	140.	usec/ft 40.		

02/14/2015	HIGH DEFINITION PASS (20"/100Ft)	Log UP - (VER 11.19)
13:55:41 ⇒ Start Time		Start Depth⇒ 4292.18 Feet

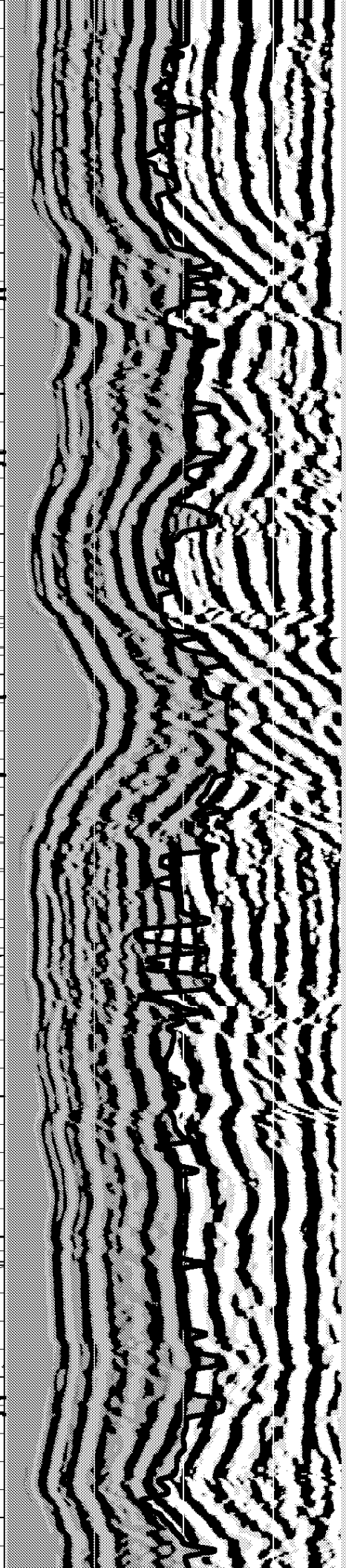
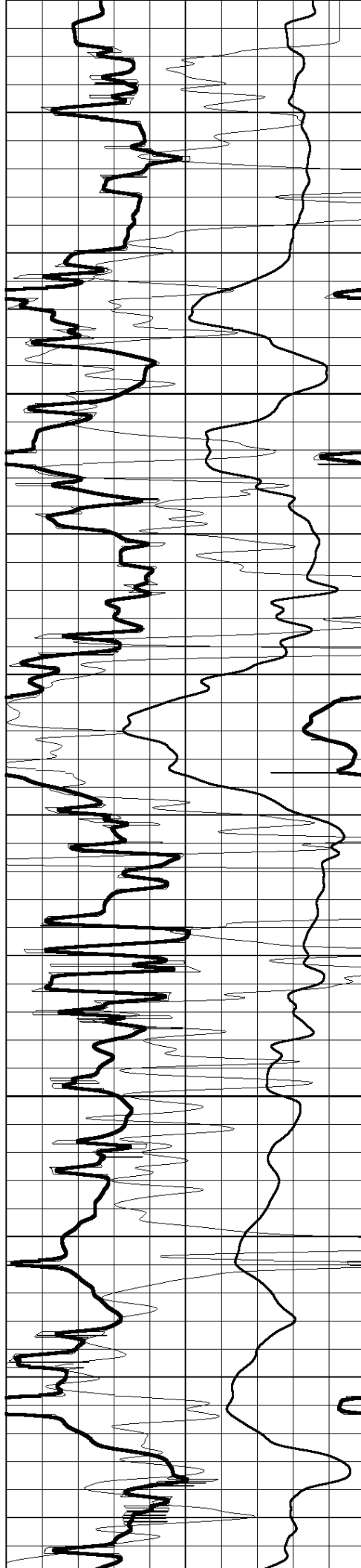
02/14/2015	HIGH DEFINITION PASS (20"/100Ft)	Log UP - (VER 11.19)
13:40:33 ⇒ End Time		End Depth⇒ 4885.98 Feet

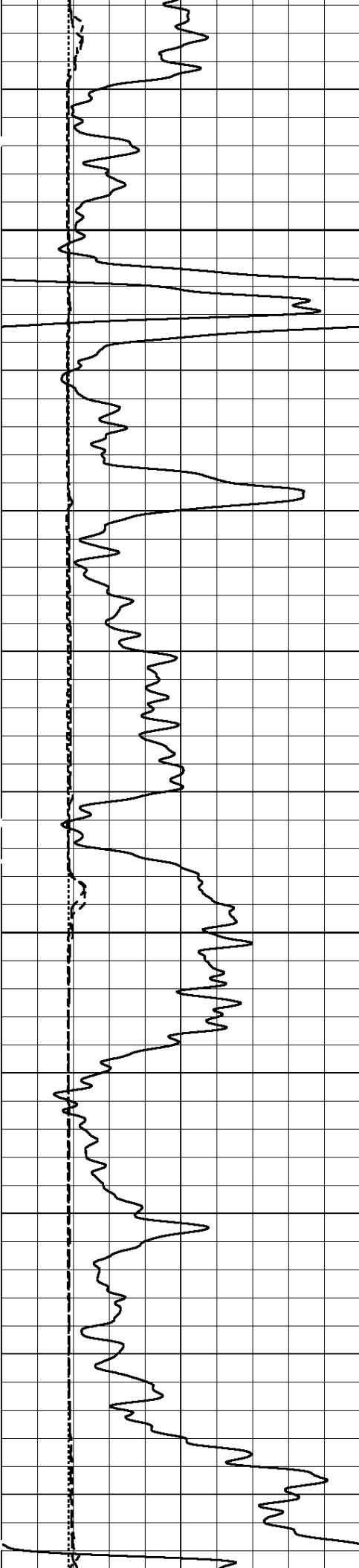
Bit Size (BIT)		SHEAR-TT (SHEAR TT)			
6.	Ref in 16.	140.	usec/ft 40.		
Y-Caliper (CALY)		SHEAR MAG (SHEAR MAG)			
6.	in 16.	0.	Units 20000.		
X-Caliper (CALX)		SHEAR TT-Quality (SHEAR TT-Q)			
6.	in 16.	140.	usecs/ft 40.		
Gamma Ray (GR)		Delta T (DT)		VDL	
0.	API 150.	140.	usecs/ft 40.	200.	Usec 1200.



4900

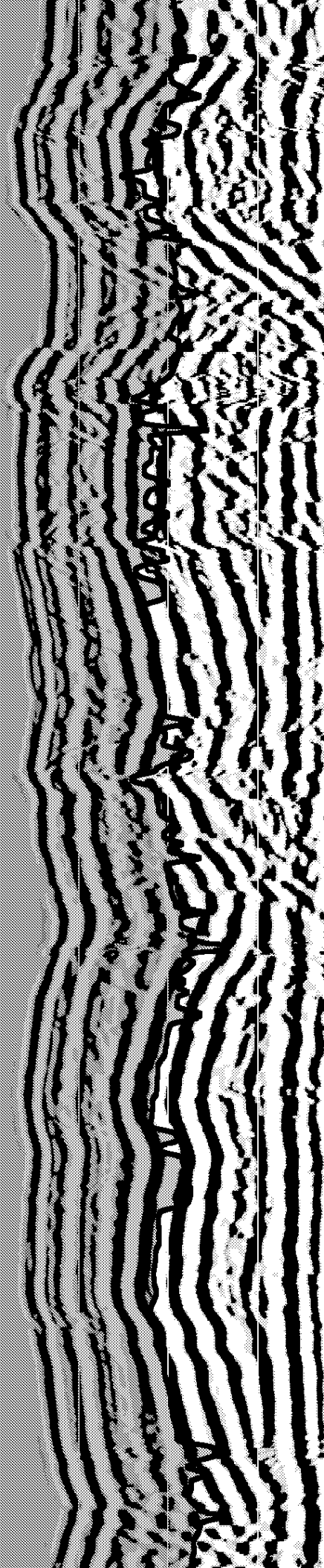
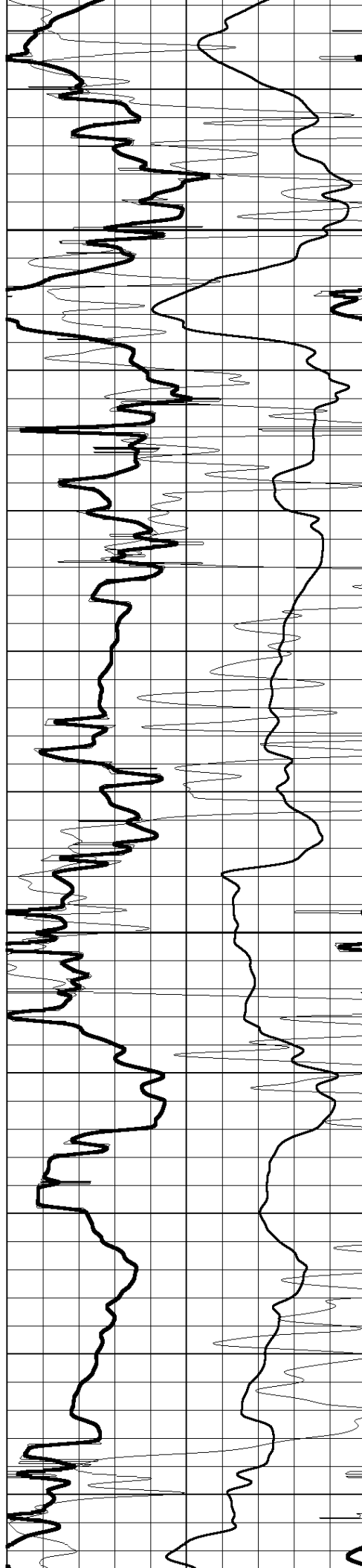
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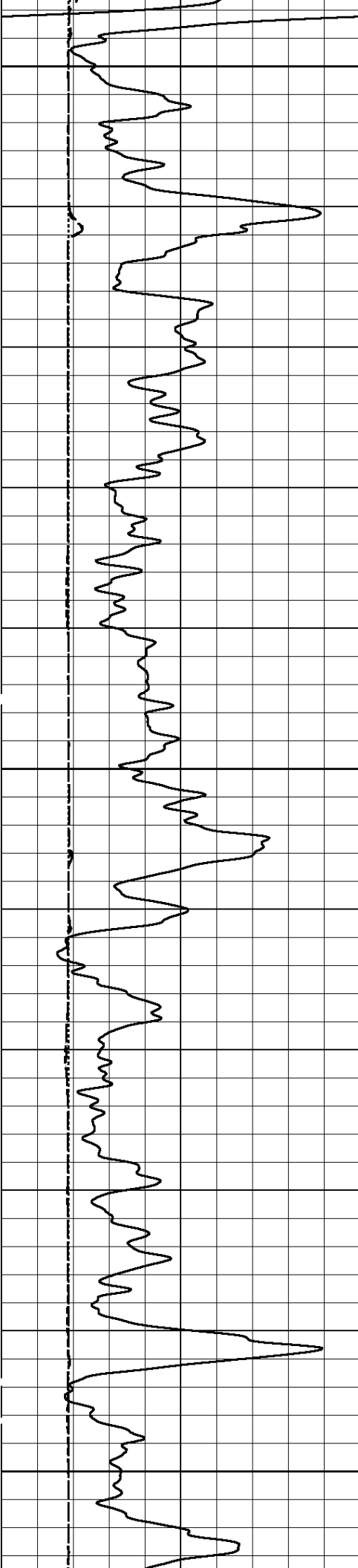




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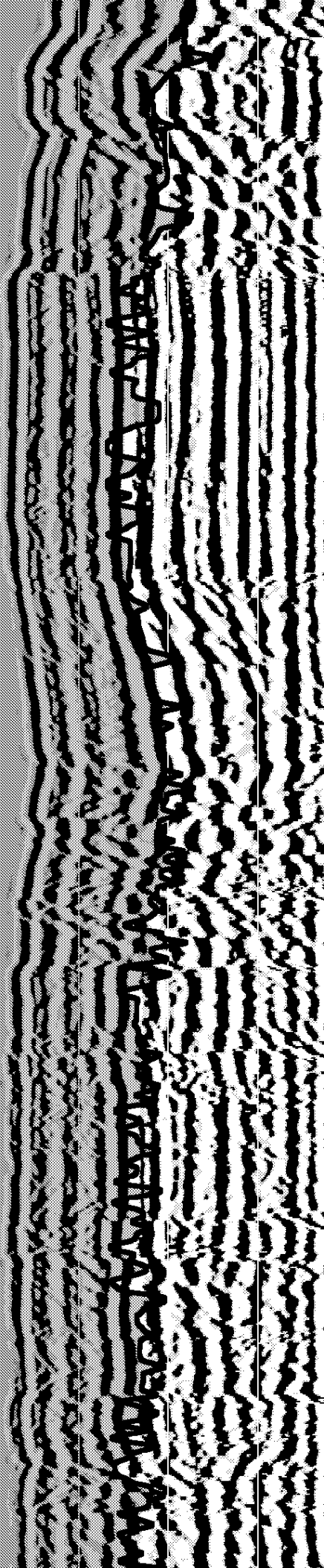
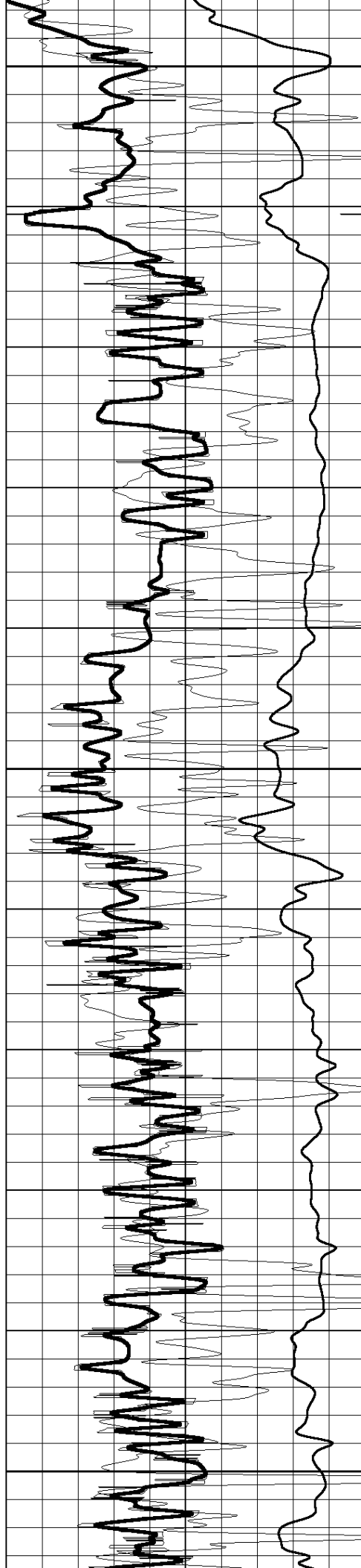


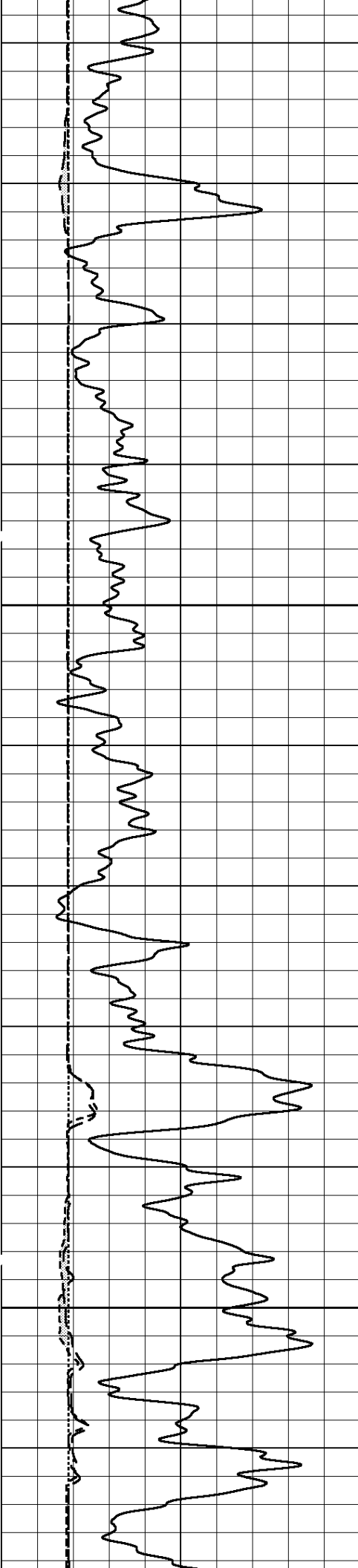


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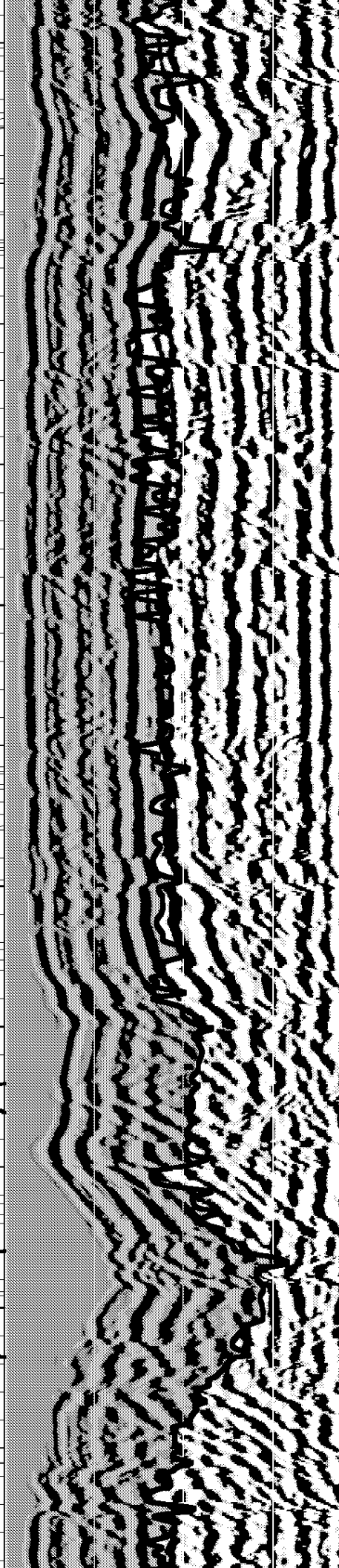
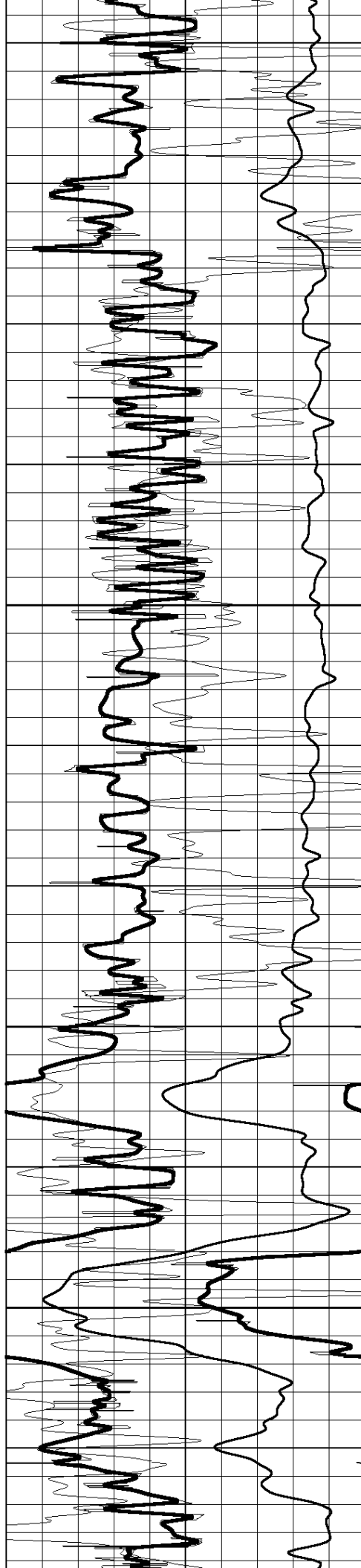
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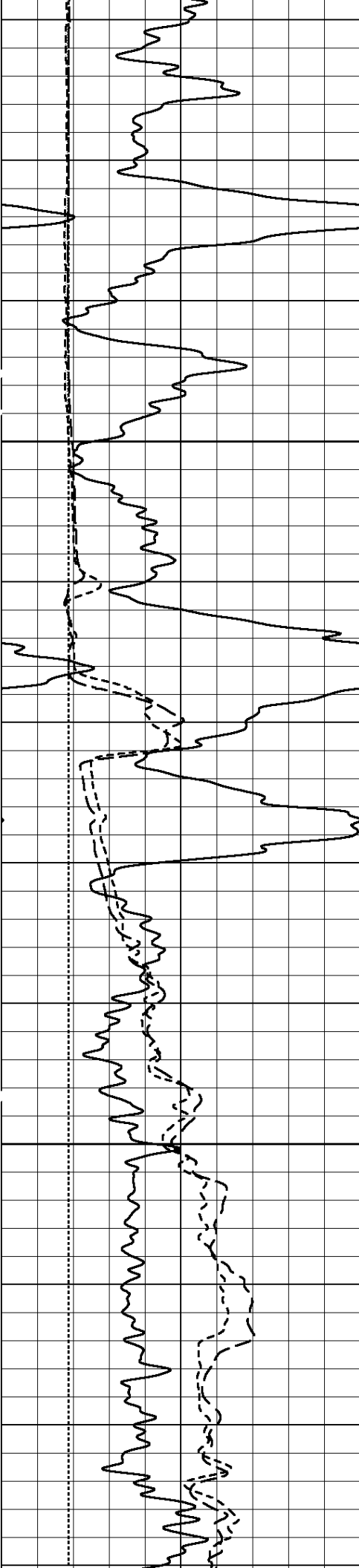




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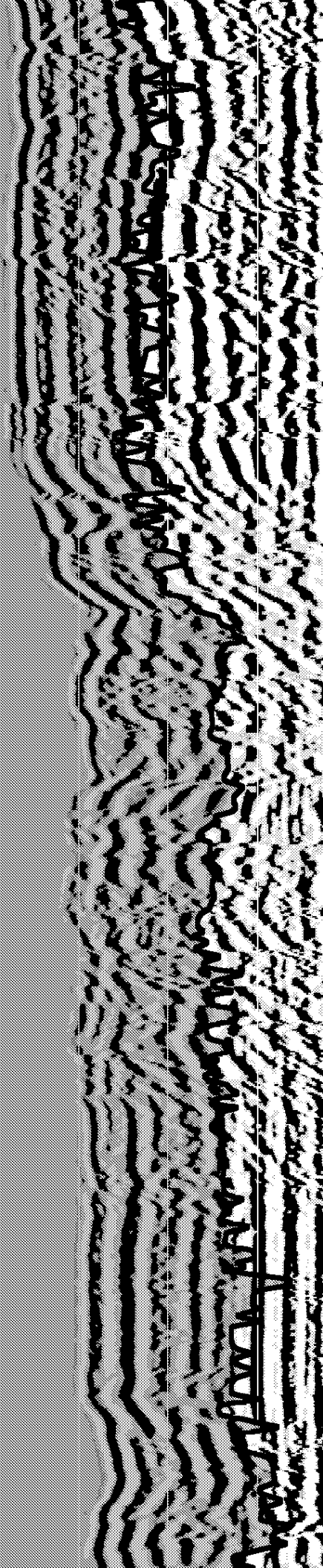
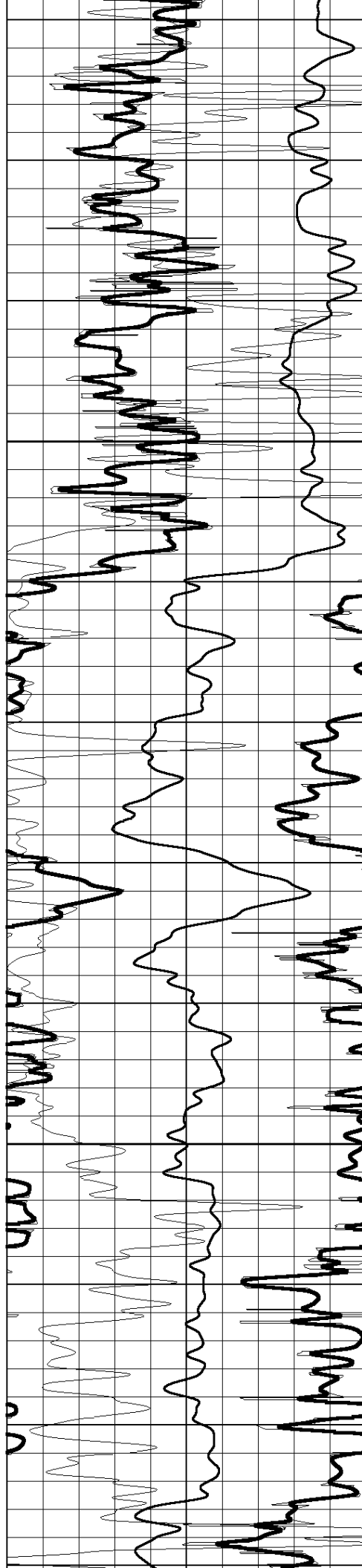
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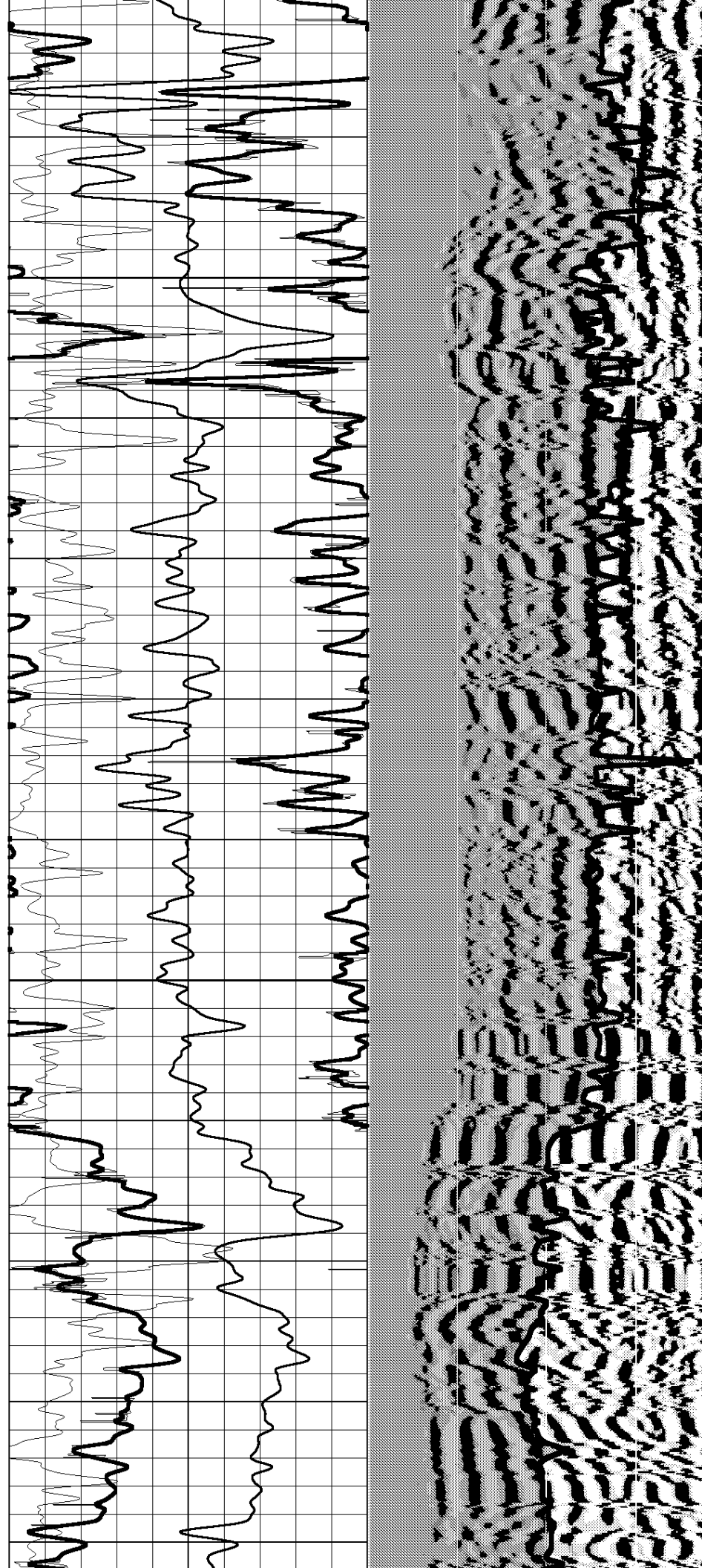




5125

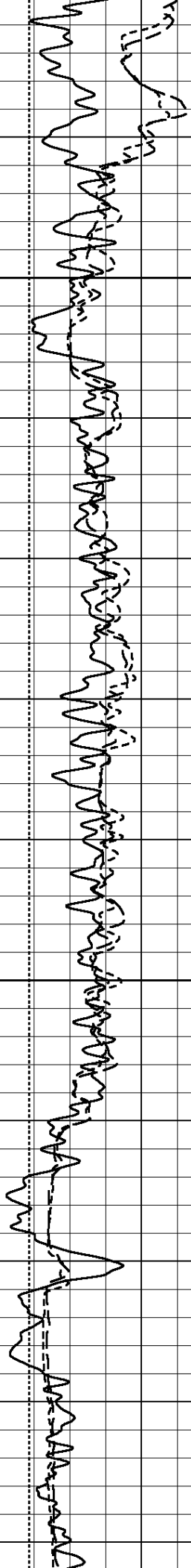
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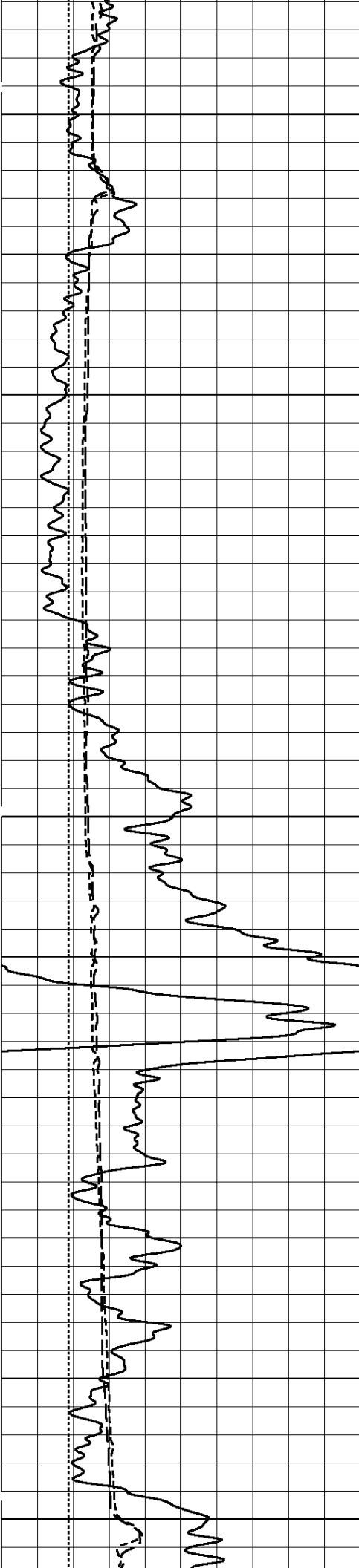




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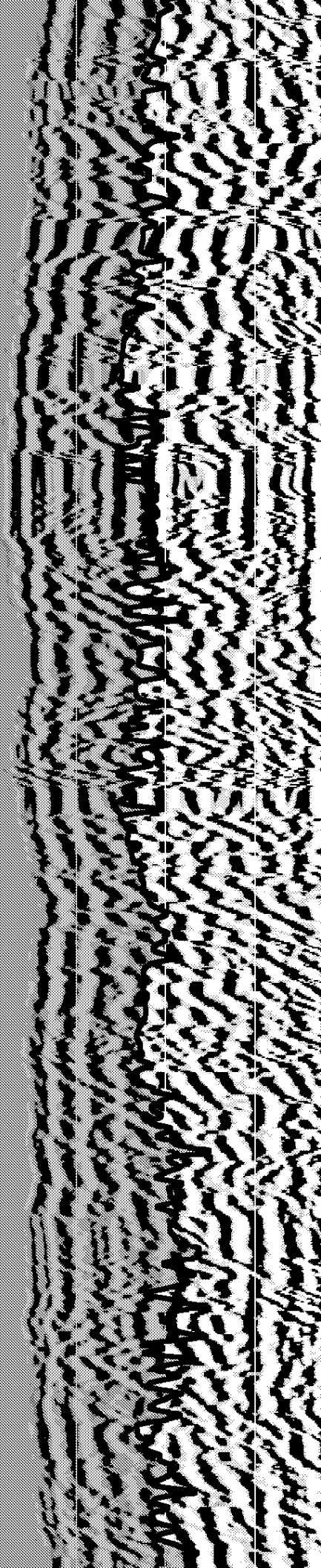
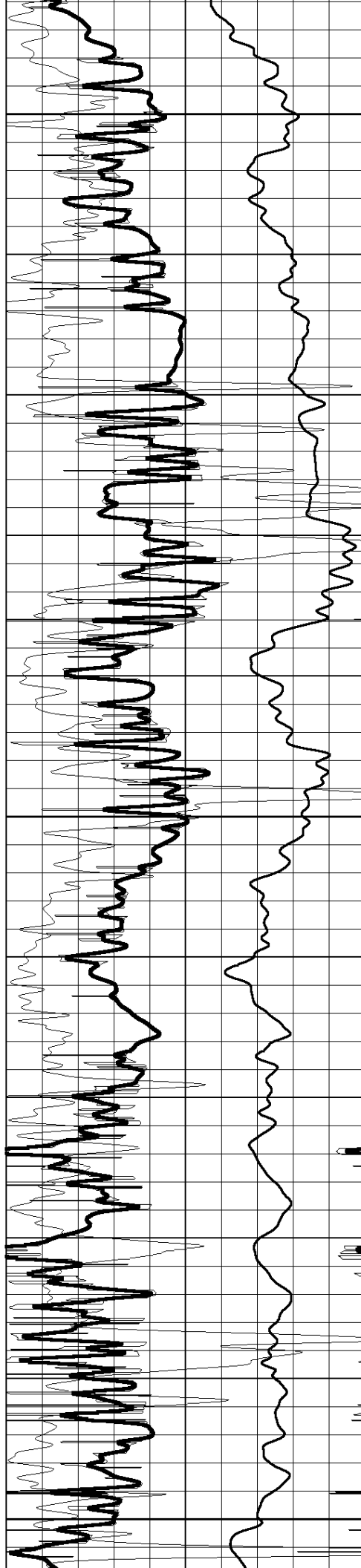


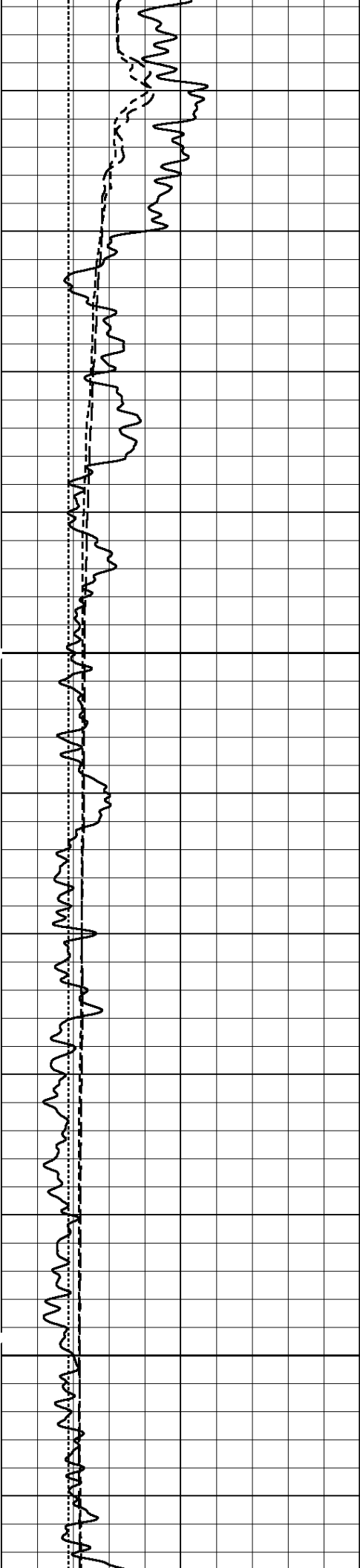


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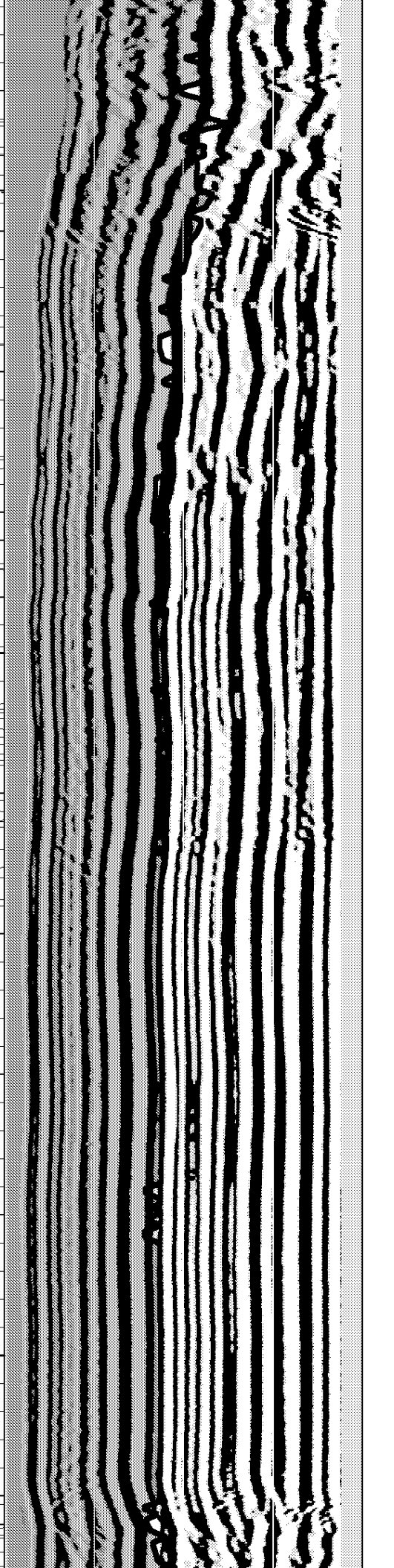
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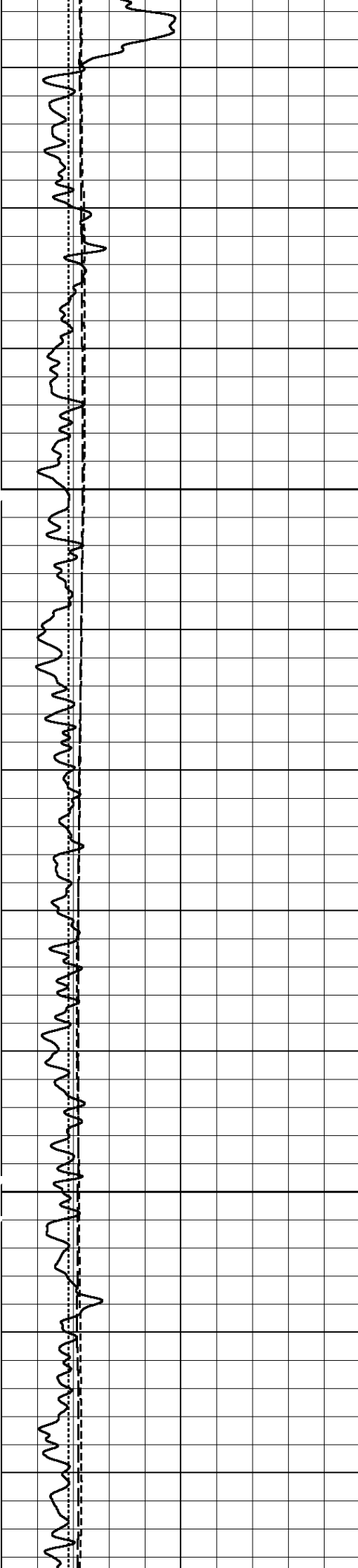




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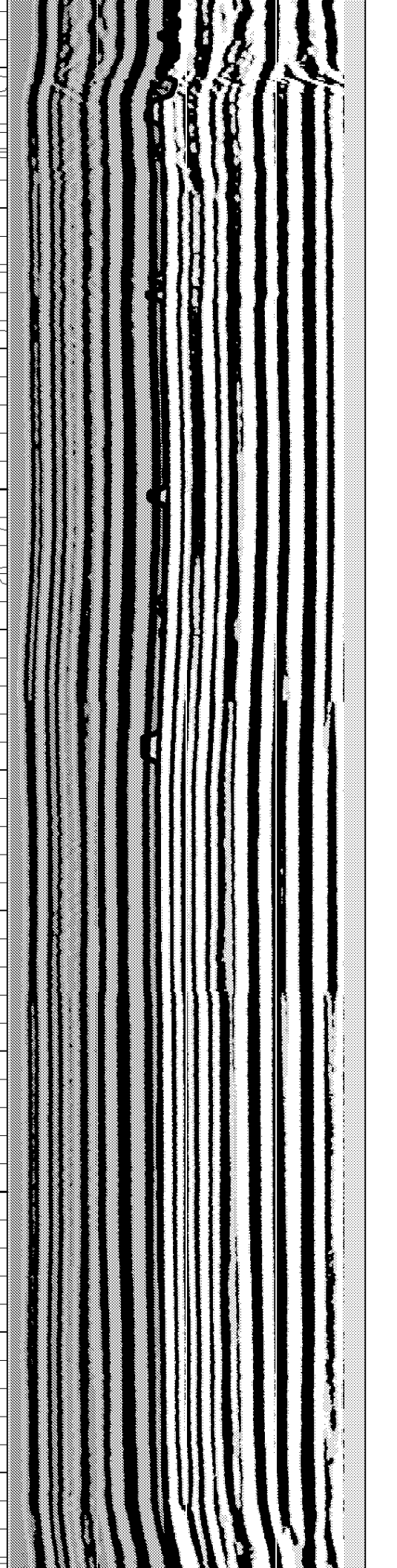
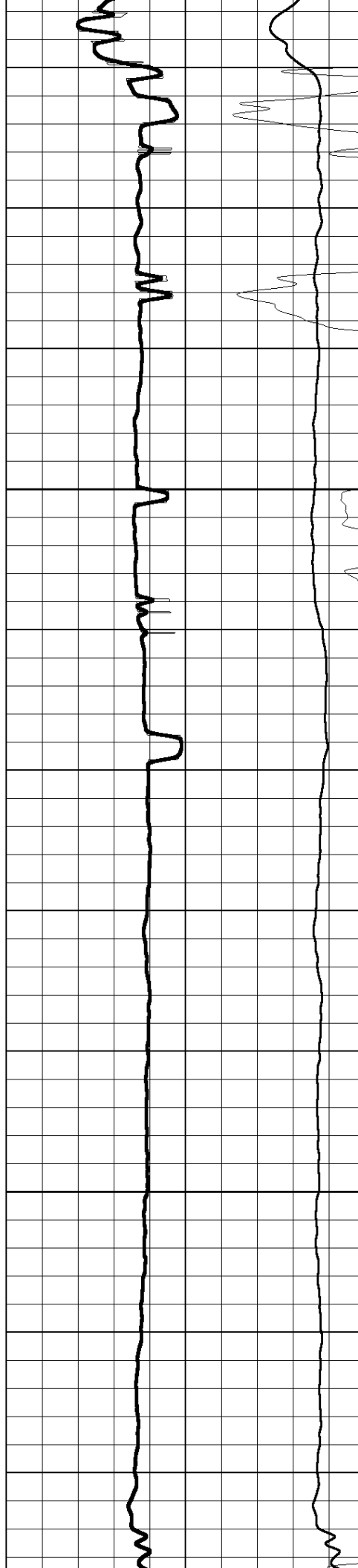
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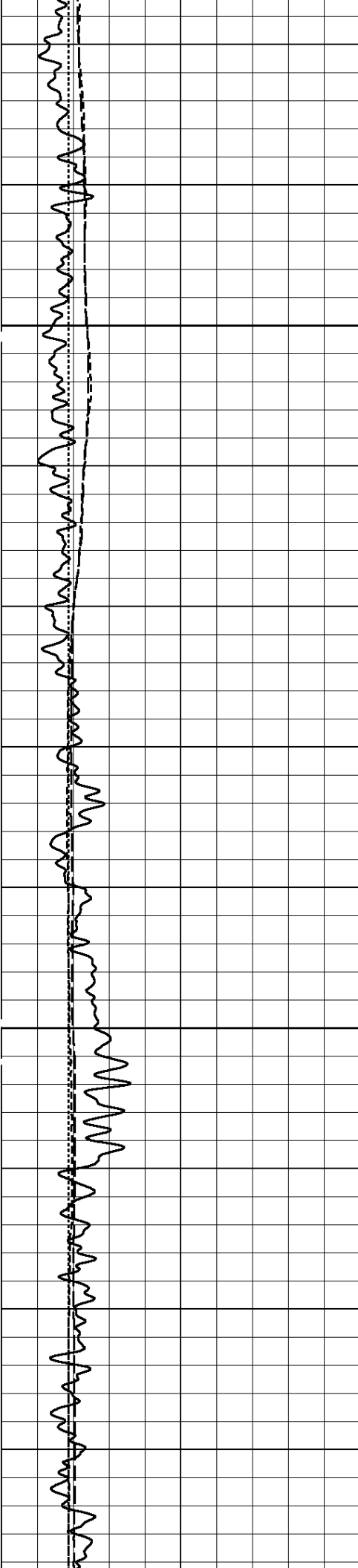




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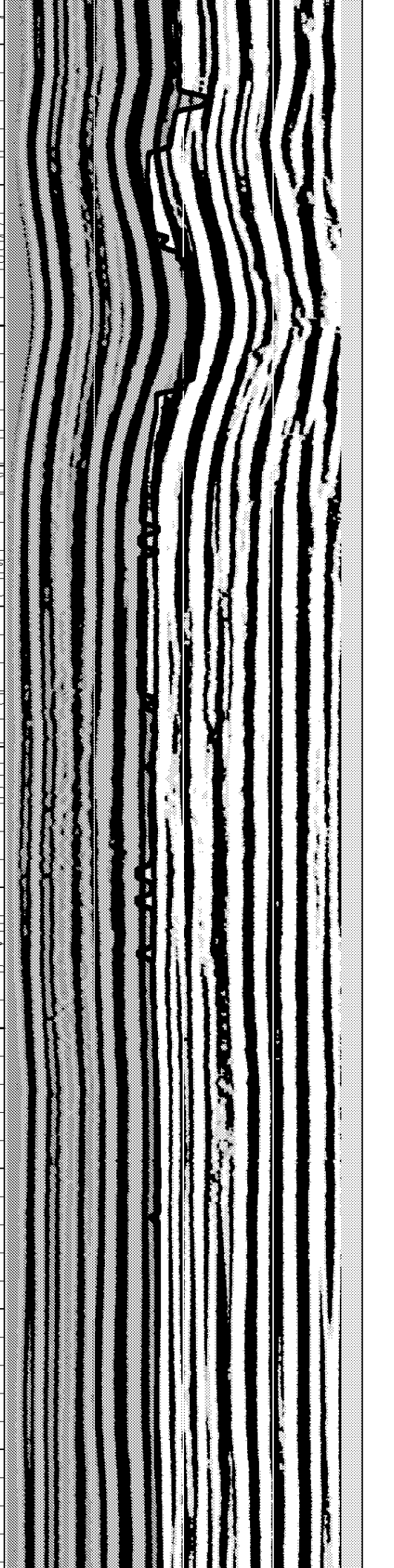
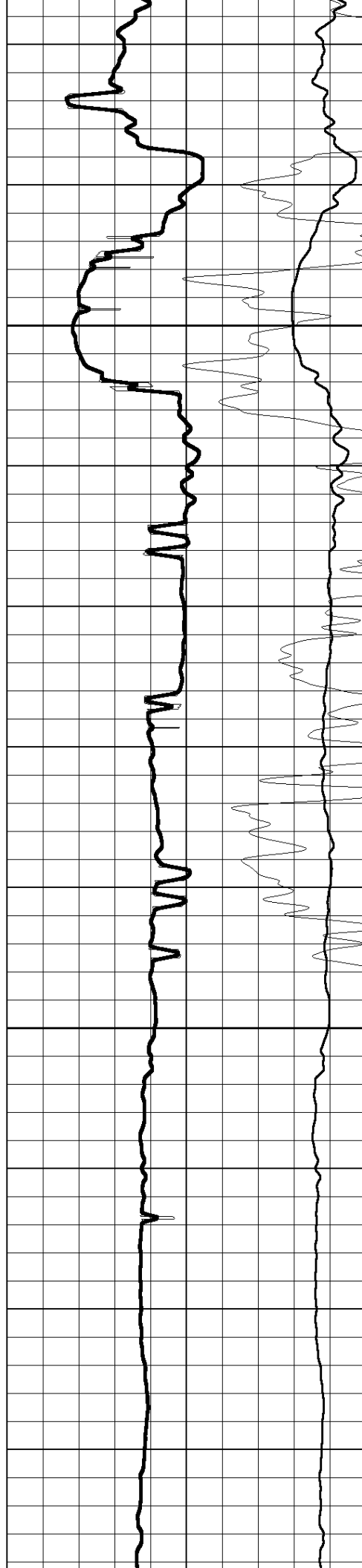
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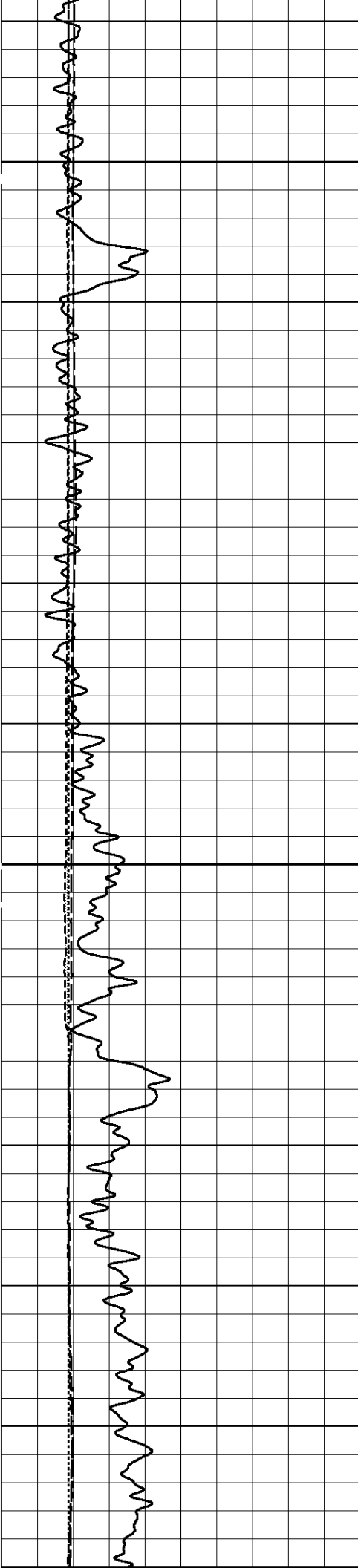




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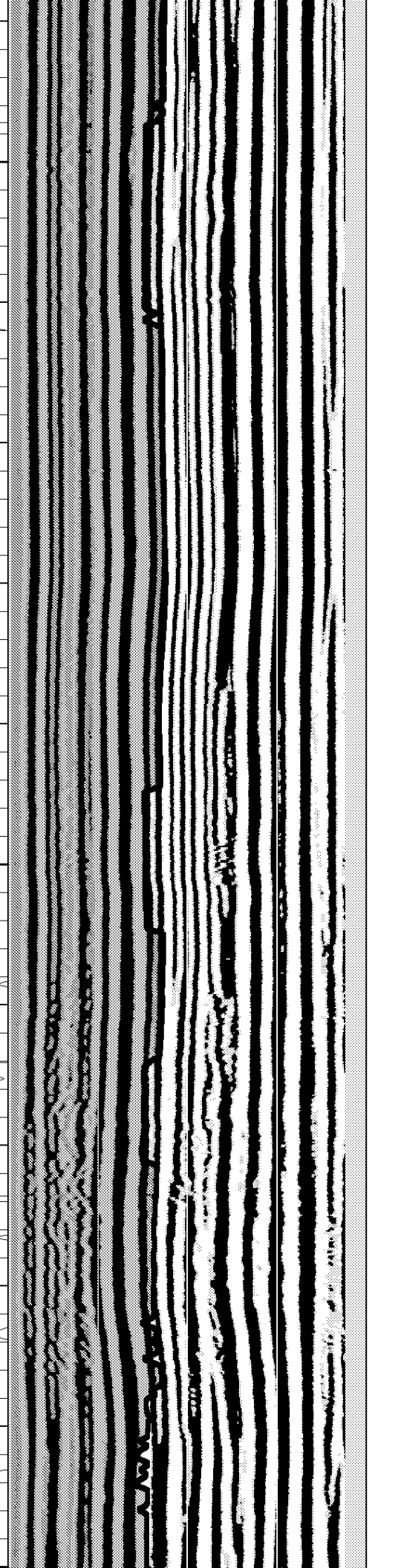
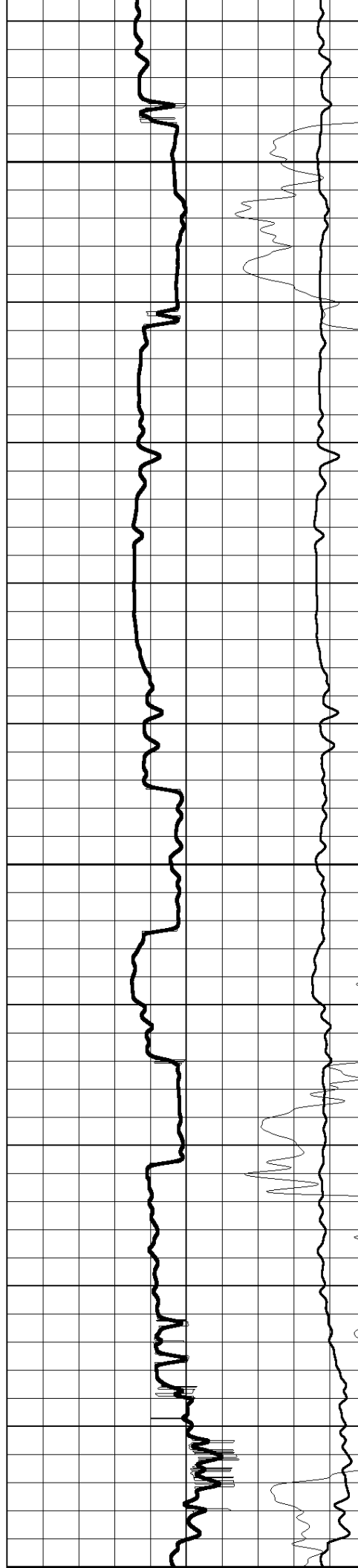
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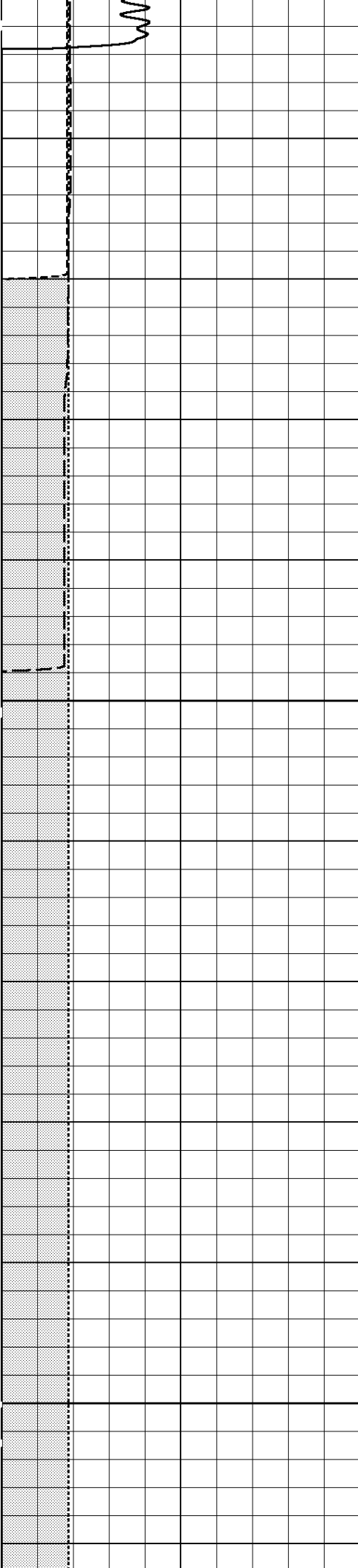




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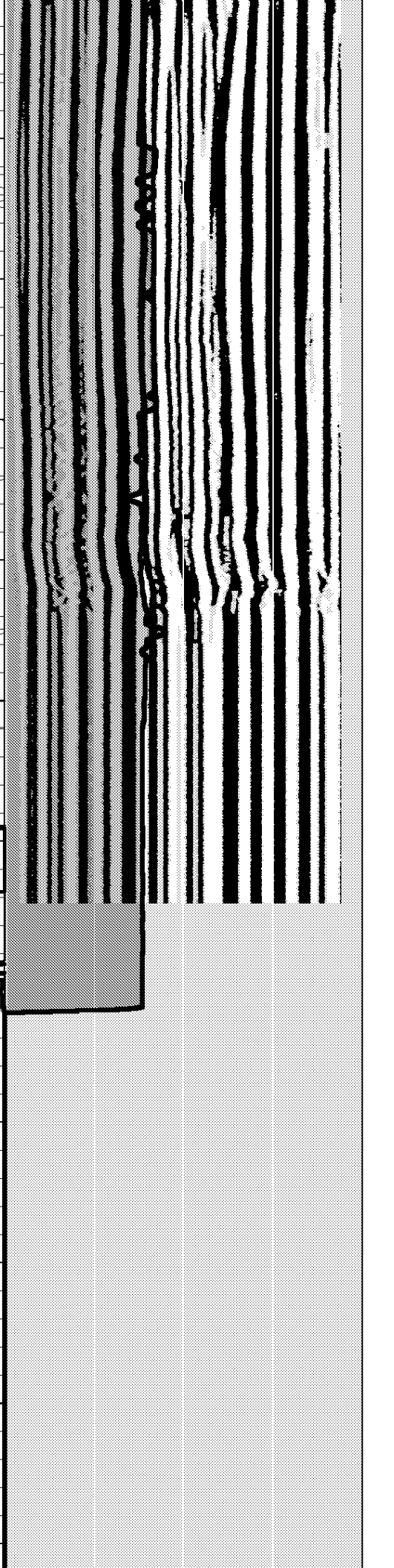
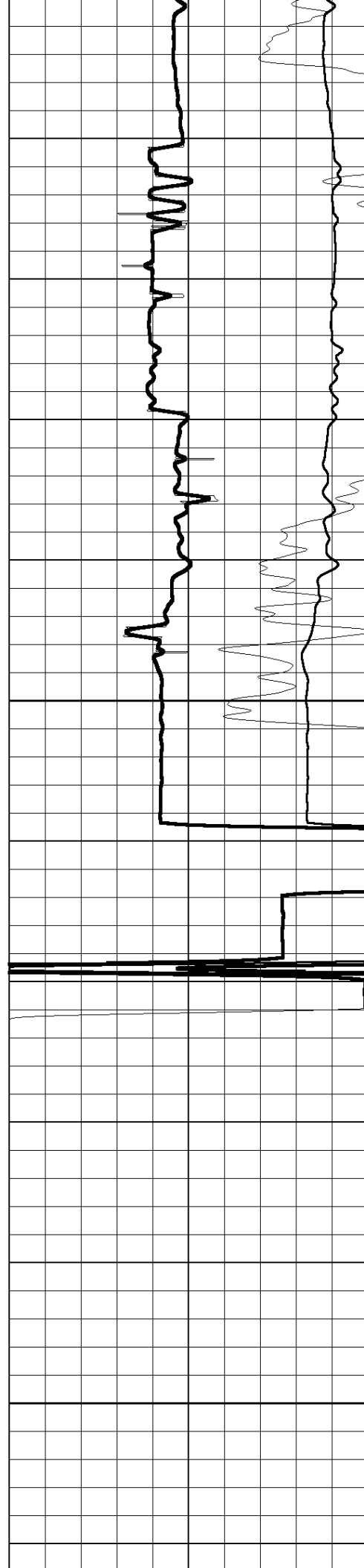




5500

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Gamma Ray (GR)										Delta T (DT)										VDL									
0. API 150.										140. usecs/ft 40.										200. Usec 1200.									
6. X-Caliper (CALX) in 16.										140. SHEAR TT-Quality (SHEAR TT-Q) usecs/ft 40.																			
6. Y-Caliper (CALY) in 16.										0. SHEAR MAG (SHEAR MAG) Units 20000.																			
6. Bit Size (BIT) Ref in 16.										140. SHEAR-TT (SHEAR TT) usec/ft 40.																			
02/14/2015										HIGH DEFINITION PASS (20"/100Ft)										Log UP - (VER 11.19)									
13:13:07 => Start Time																				Start Depth=> 5563.00 Feet									

GAMMA RAY CALIBRATION

SERIAL NUM	RG3005
BLANKET NUM	1A

MASTER CALIBRATIONS

	BackGrnd	CalVal: 159.000 API	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	75.013 - raw	494.978 - raw	0.379 - gain 0.000 - off	M/D/Y> 2/4/2015	H:M:S> 16:43:46

WELL SITE CALIBRATIONS

	BackGrnd	CalVal: 100.000 Mknu	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
PRE CAL	-0.059 - raw	26.967 - raw	3.700 - gain	M/D/Y> 11/12/2004	H:M:S> 12:40:27

X CALIPER

SERIAL NUM	RL4103

MASTER CALIBRATIONS

	ZeroVal: 6.000 mm	CalVal: 10.000 mm	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	3169.680 - raw	5269.563 - raw	0.002 - gain -0.038 - off	M/D/Y> 2/4/2015	H:M:S> 16:15:2

Y CALIPER CALIBRATIONS

SERIAL NUM	RN2002

MASTER CALIBRATIONS

	ZeroVal: 6.000 in	CalVal: 10.000 in	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
			0.000 - gain		

BASE CALS

1169.834 - raw

1852.467 - raw

0.000 - gain
-0.855 - off

M/D/Y> 2/4/2015

H:M:S> 17:18:14

Company	FALCON EXPLORATION, INC.
Well	GILBERT NICKEL (NW) #1-25
Field	N/A
County	HASKELL
State	KANSAS

RECON

SONIC VDL
SHEAR
GAMMA RAY
X-Y CALIPER

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