



PRECISION
ENERGY SERVICES

CBL VDL

GAMMA RAY CCL

1:200

COMPANY

LAKES OIL NL

WELL

LOY YANG 2

FIELD

EXPLORATION

PROVINCE/COUNTY

VICTORIA

COUNTRY/STATE

AUSTRALIA

LOCATION

38 15'13" S. 146 33'31" E.

LSD

SEC

TWP

RGE

Other Services

MDL, MDN, MPD

MSS, MMR, ATS

API Number

Permit Number

Permanent Datum MSL

Elevation 0.0 metres

Log Measured From RT @ 107.65M above Permanent Datum

Drilling Measured From RT

Date 23-MAR-2006

Run Number FOUR

Depth Driller

Depth Logger

First Reading 1421.00 metres

Last Reading 10.00 metres

Casing Driller

Casing Logger

Bit Size 6.13 inches

Hole Fluid Type BRINE

Density / Viscosity

PH / Fluid Loss

Sample Source

Rm @ Measured Temp

Rmf @ Measured Temp

Rmc @ Measured Temp

Source Rmf / Rmc

Rm @ BHT

Time Since Circulation

Max Recorded Temp

Equipment Name COMPACT

Equipment / Base 8 SALE

Recorded By R.L.TENCH

Witnessed By TIM O'BRIEN

Last Title

Elevations:
KB 107.65 metres
DF 107.35 metres
GL 104.00 metres

REMARKS

TOOLS RUN WITH CENTRALISER BASKETS

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 interpretations, and we shall not, except in the case of gross or wilful 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 in our price schedule.

MAIN LOG

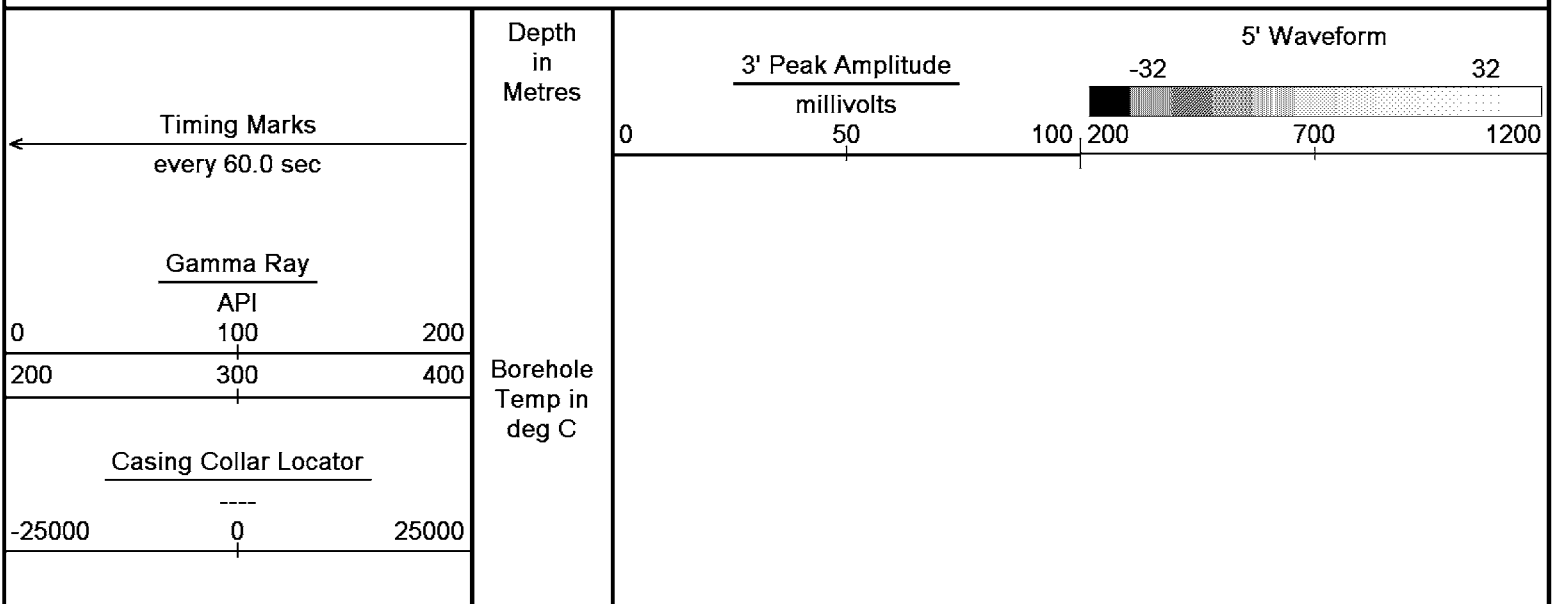
Depth Based Data - Maximum Sampling Increment 10.0cm

Filename: C:\Data\LakesOil\LoyYang02\CBL_200.dta

System Configuration Dates: Logged 17-JUN-2004: Plotted 17-JUN-2004:

Plotted on 07-APR-2006 03:24

Recorded on 23-MAR-2006 14:09



3' Transit Time

microseconds

1100

600

100

Replay

Scale

1:200

5

10

23"

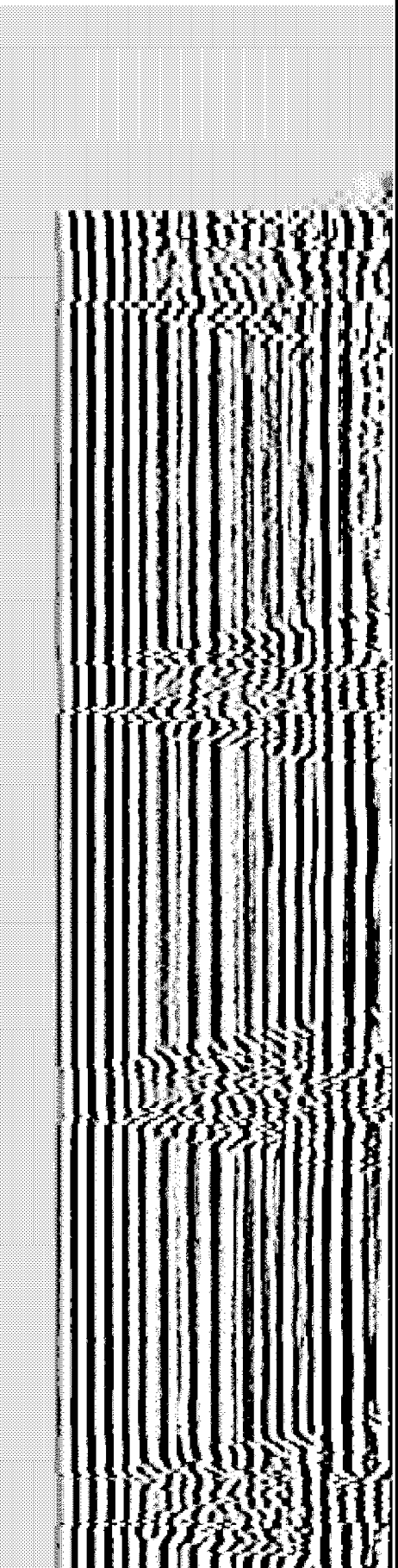
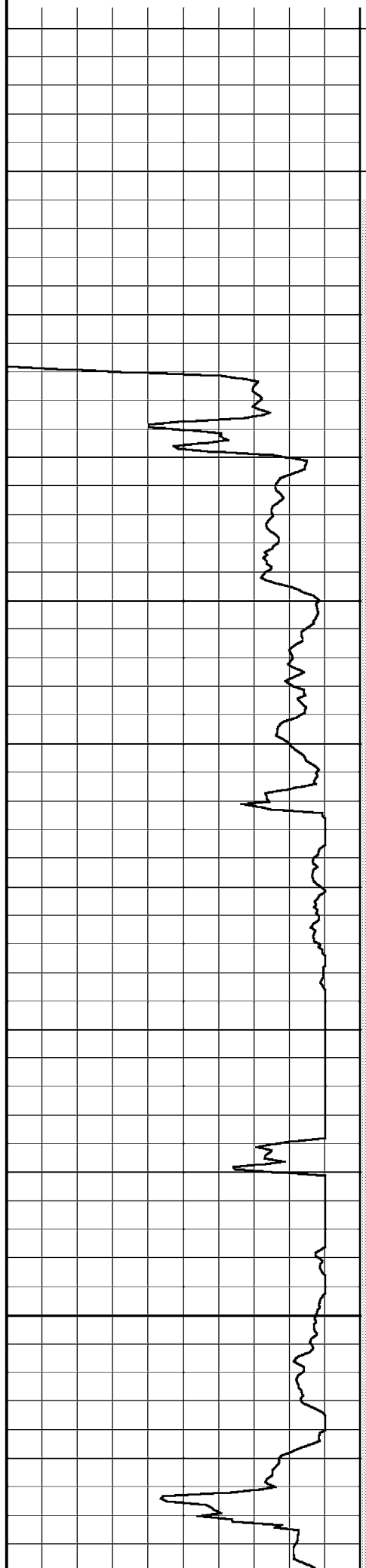
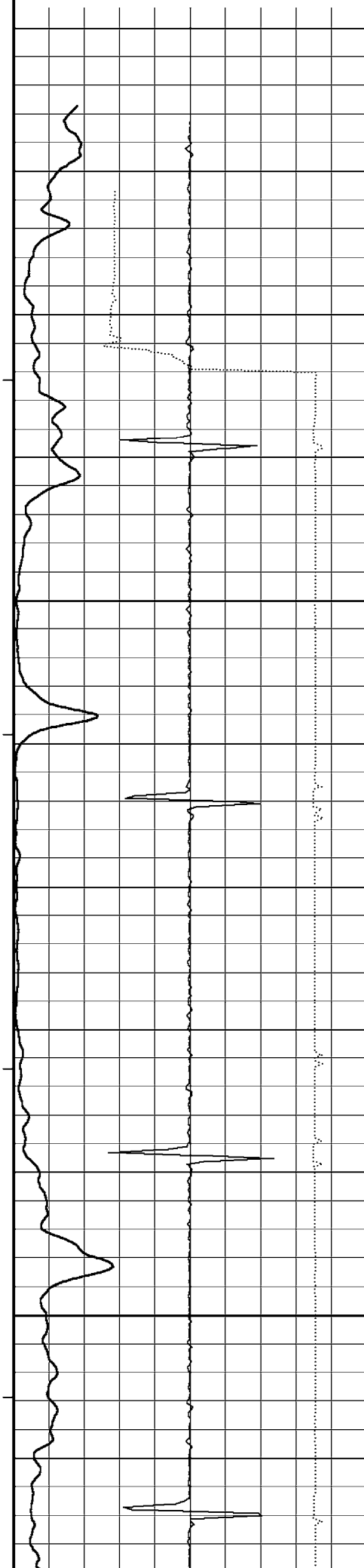
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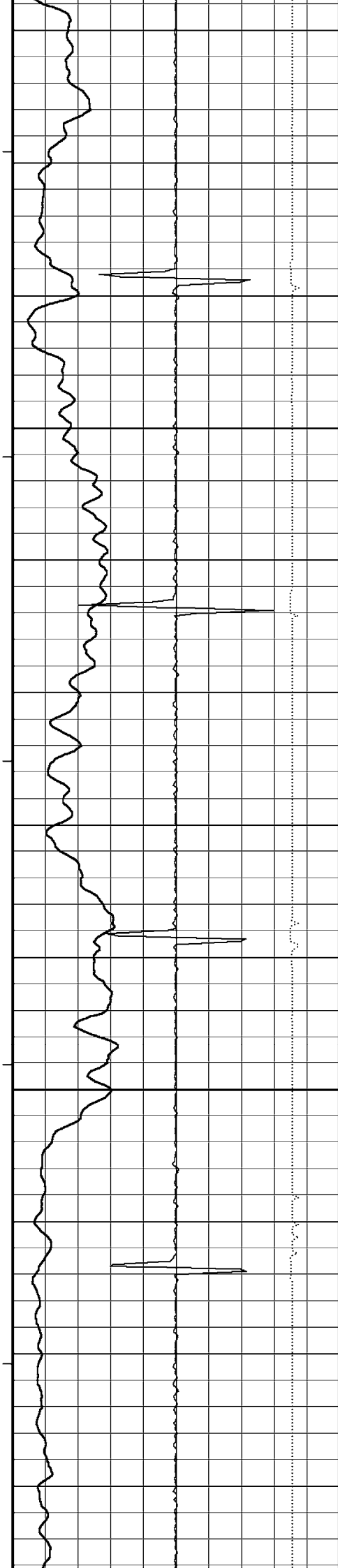
30

24"

40

50





60

26°

70

80

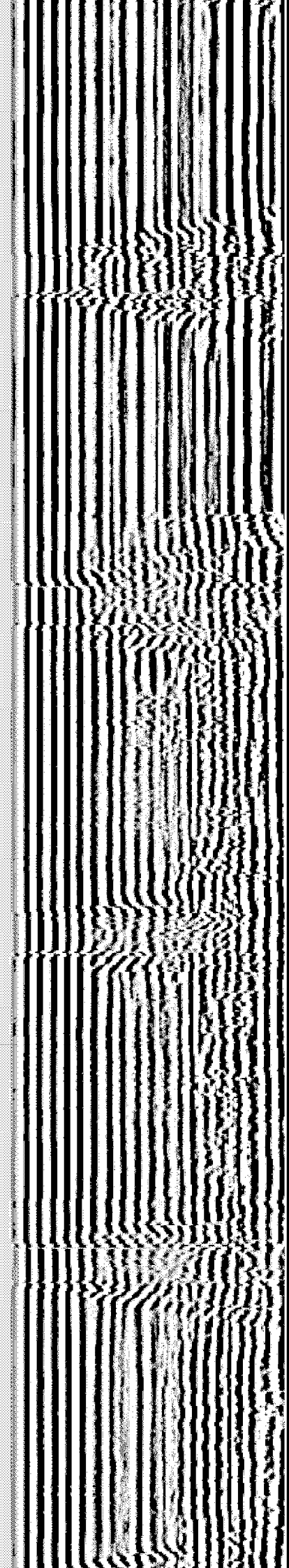
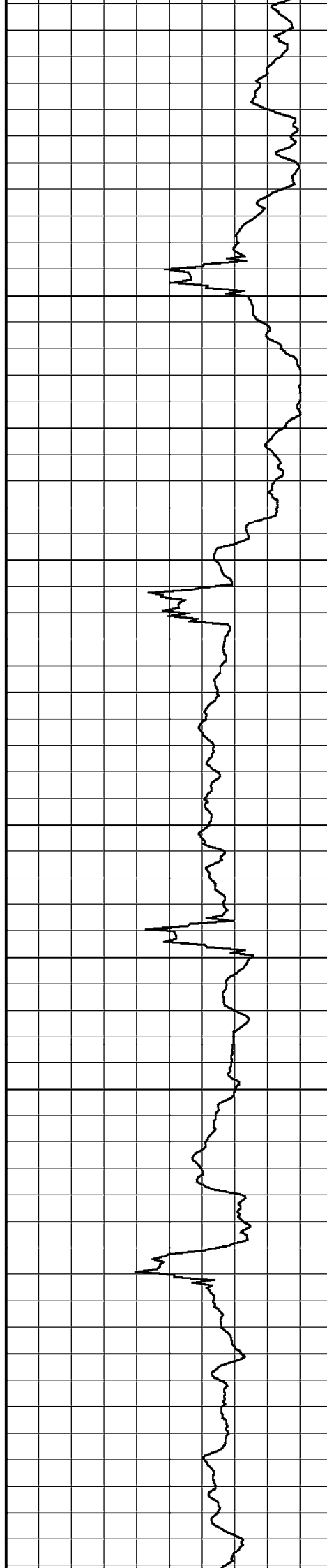
27°

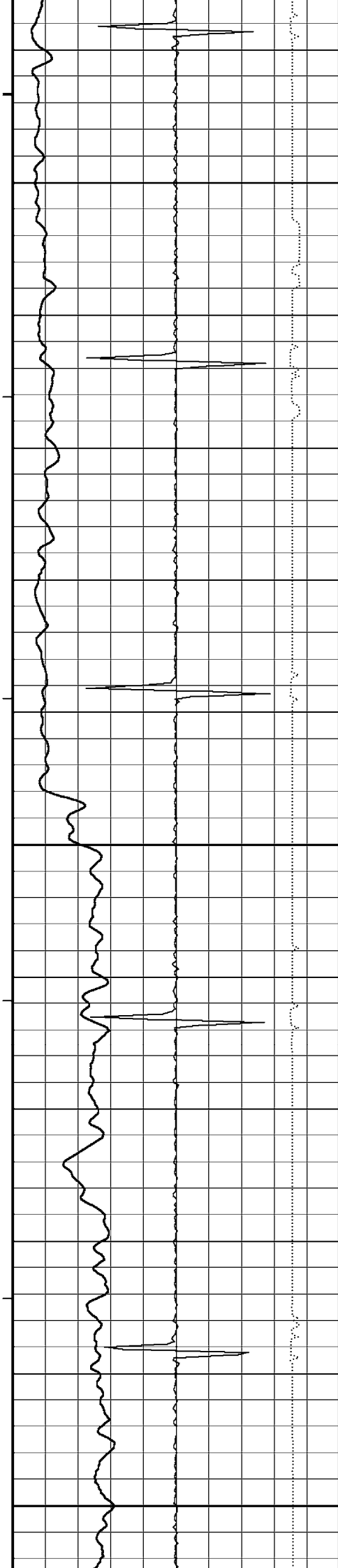
90

100

110

29°





120

130

30°

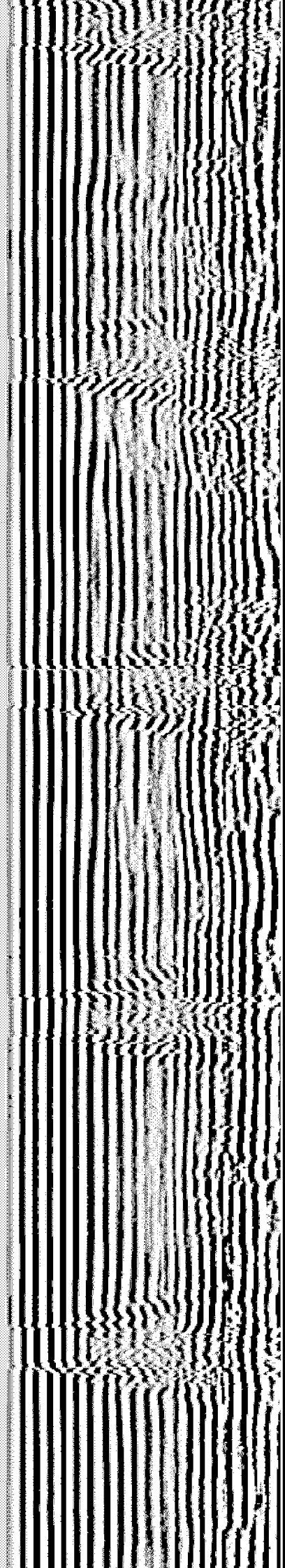
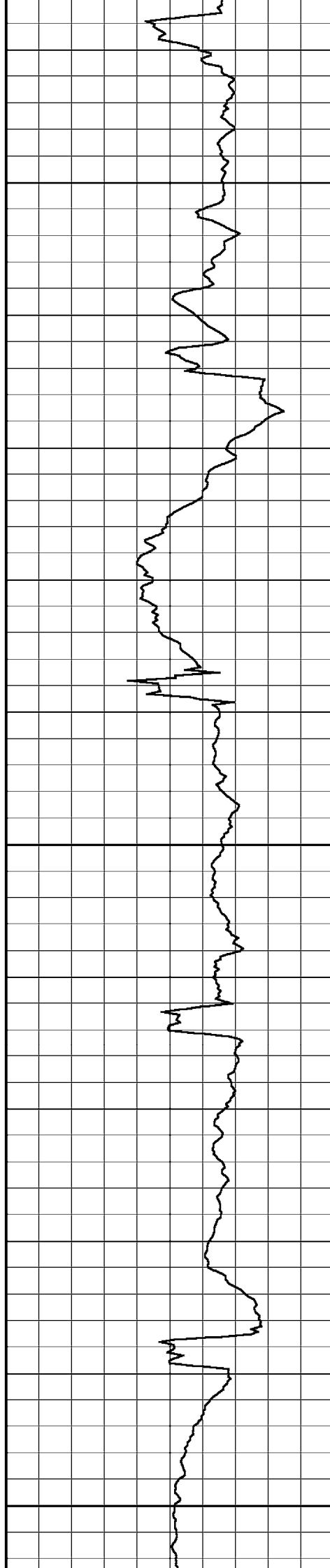
140

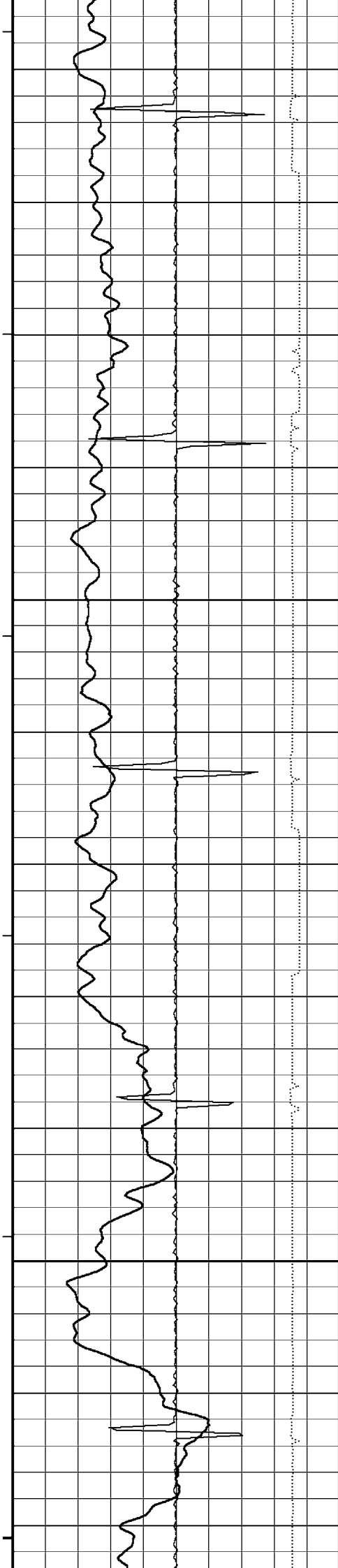
150

160

31°

170





180

33"

190

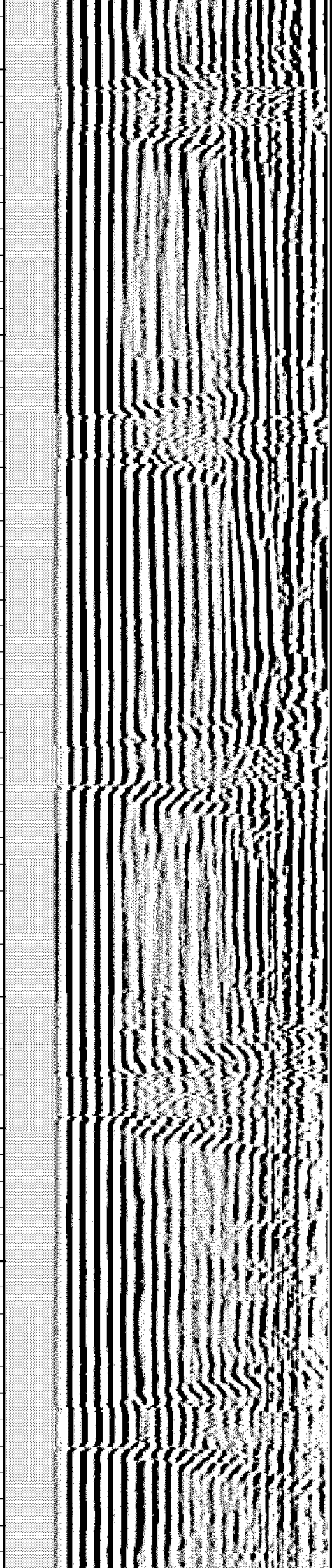
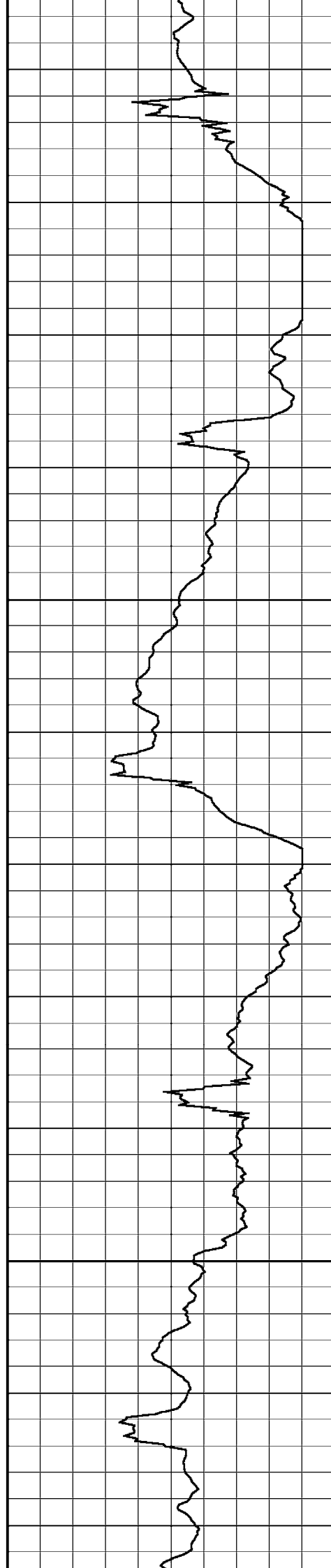
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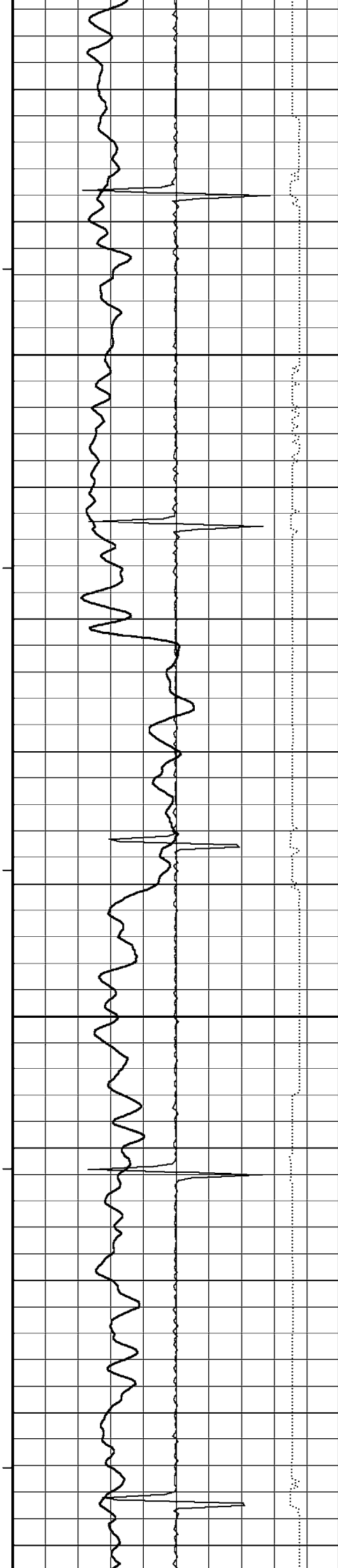
210

34"

220

230





35°

240

250

260

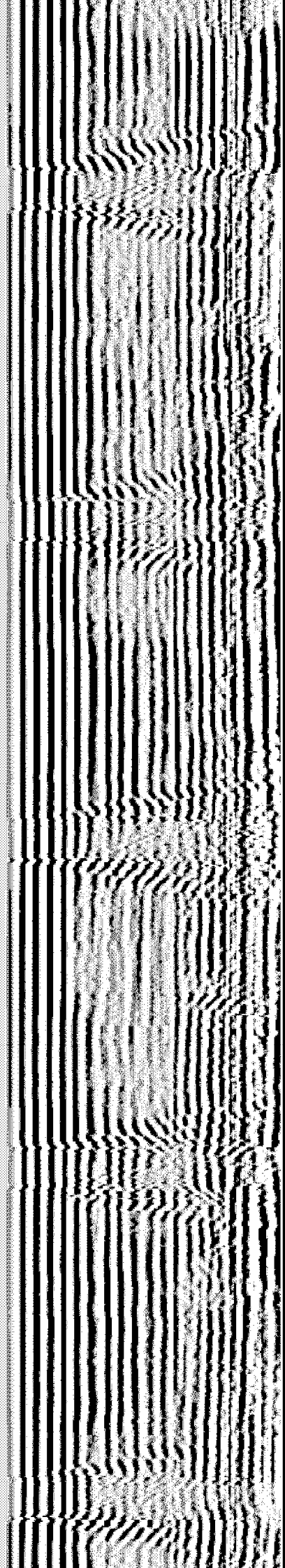
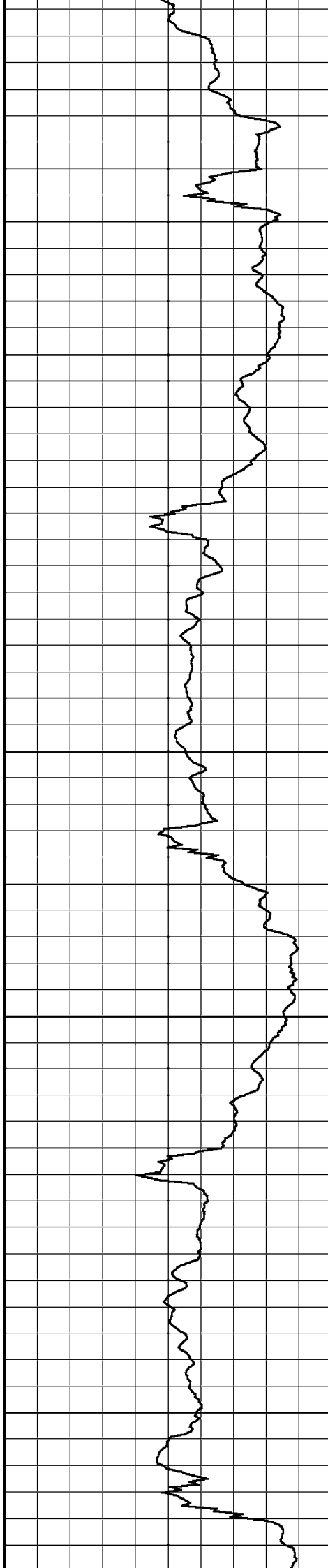
36°

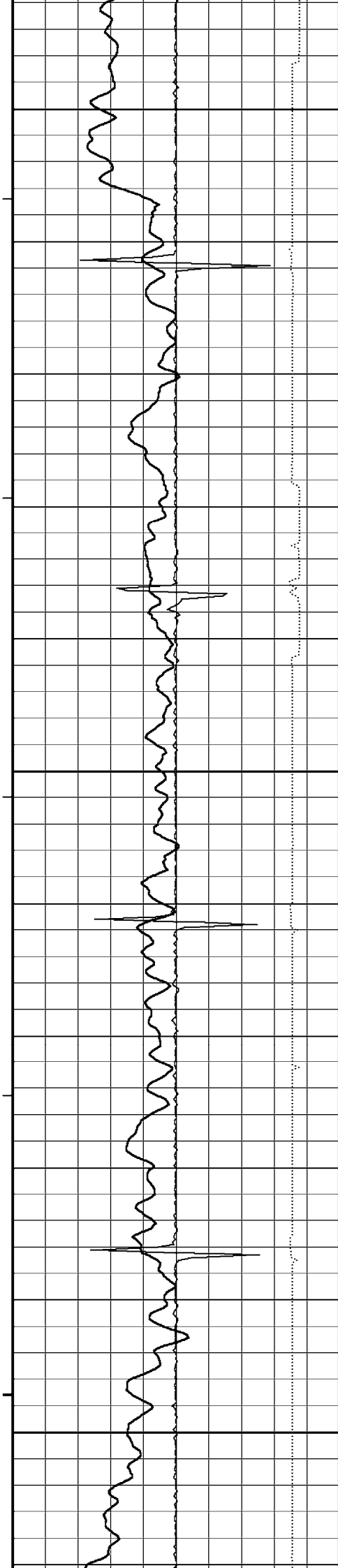
270

280

36°

290





300

310

37°

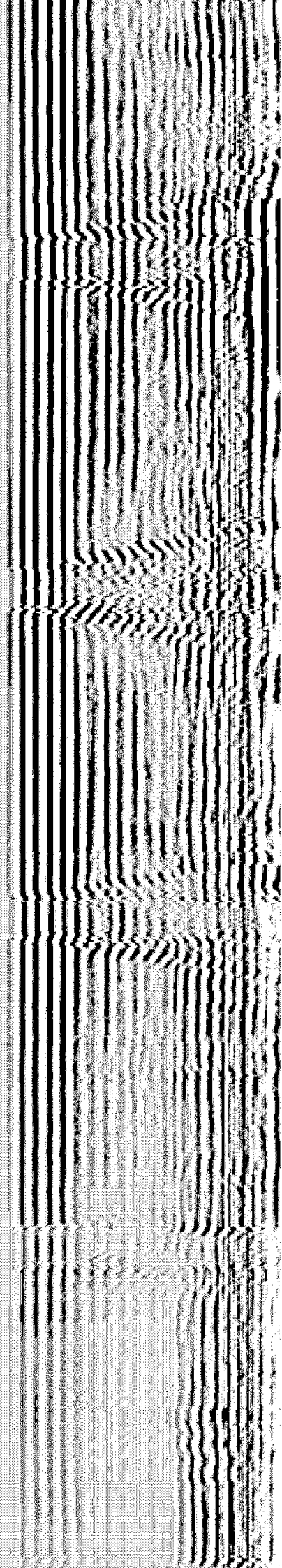
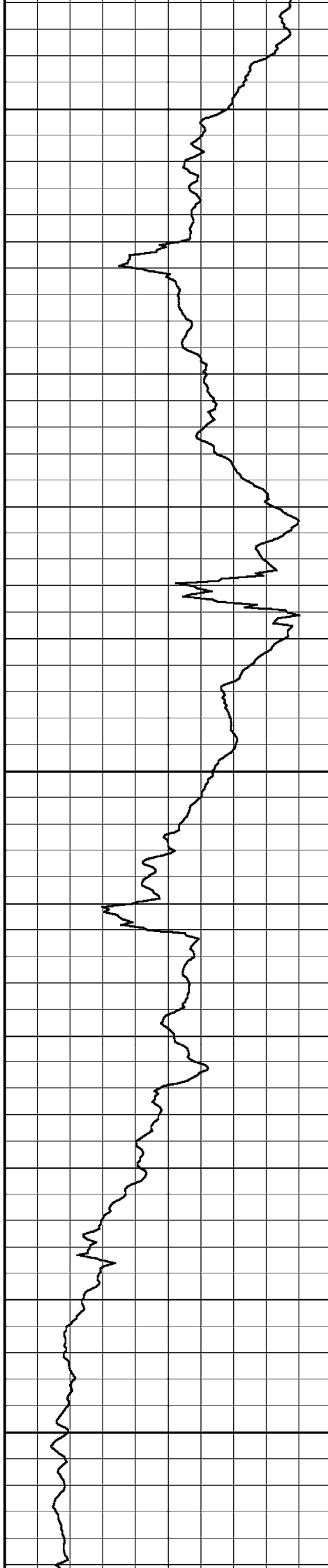
320

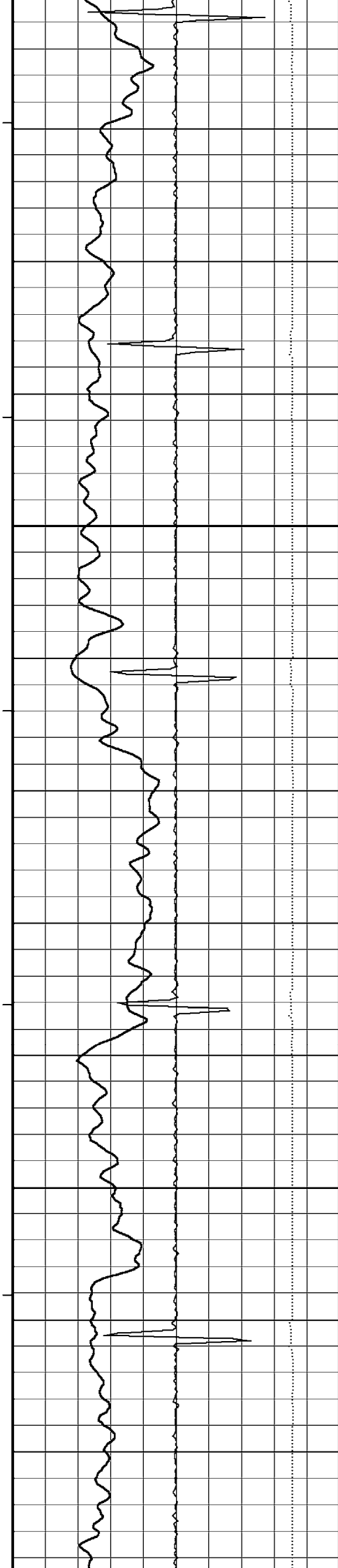
330

39°

340

350





360

40°

370

380

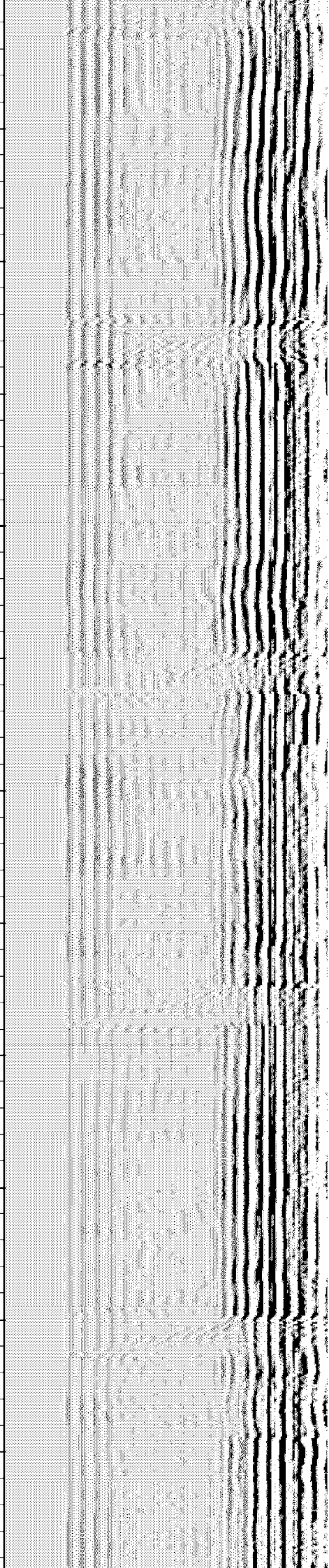
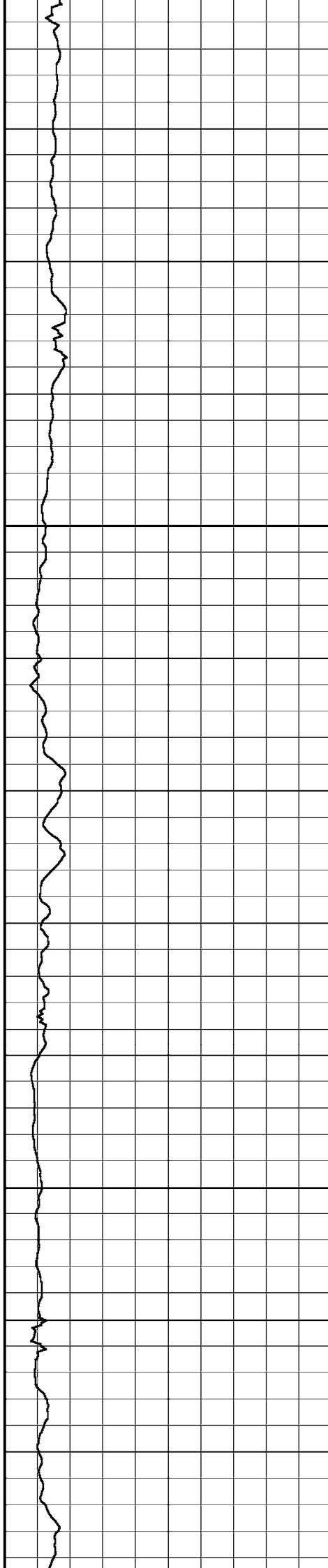
41°

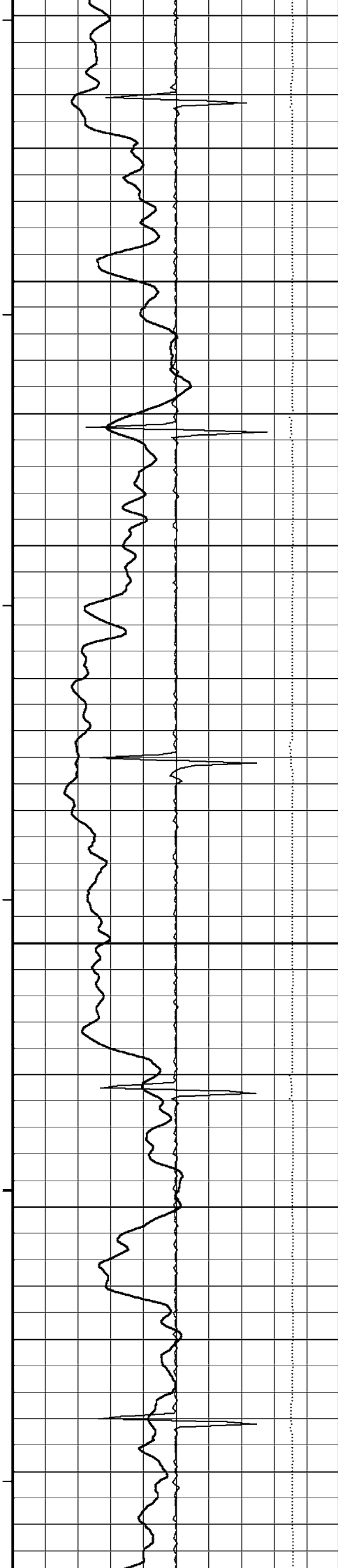
390

400

410

42°





420

430

43°

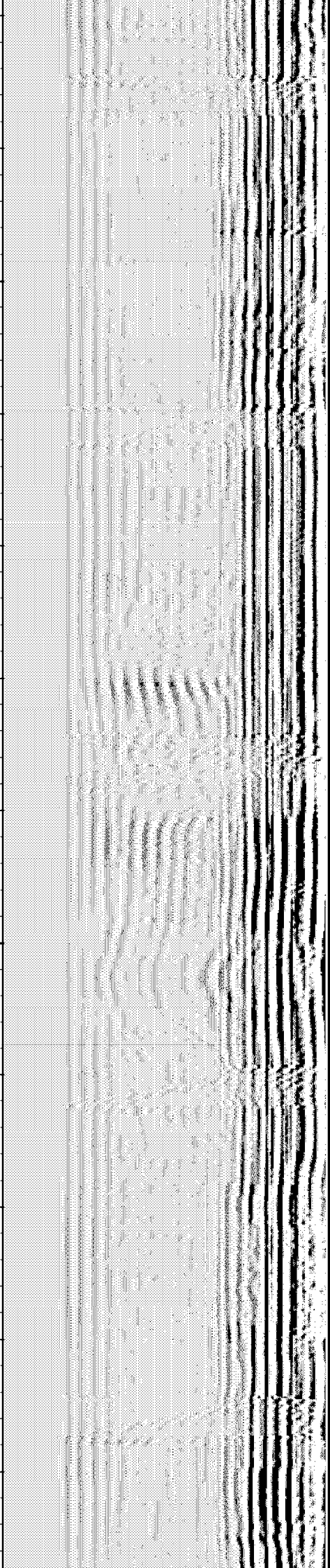
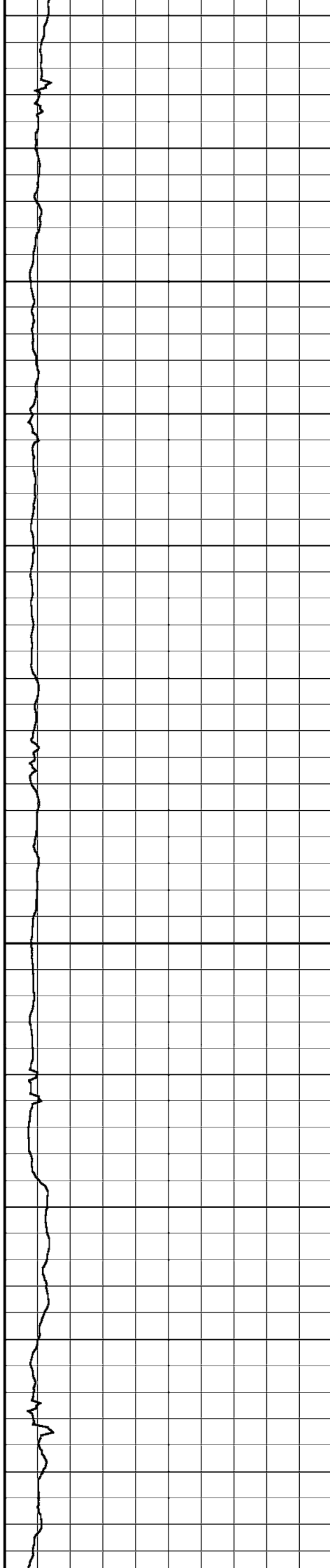
440

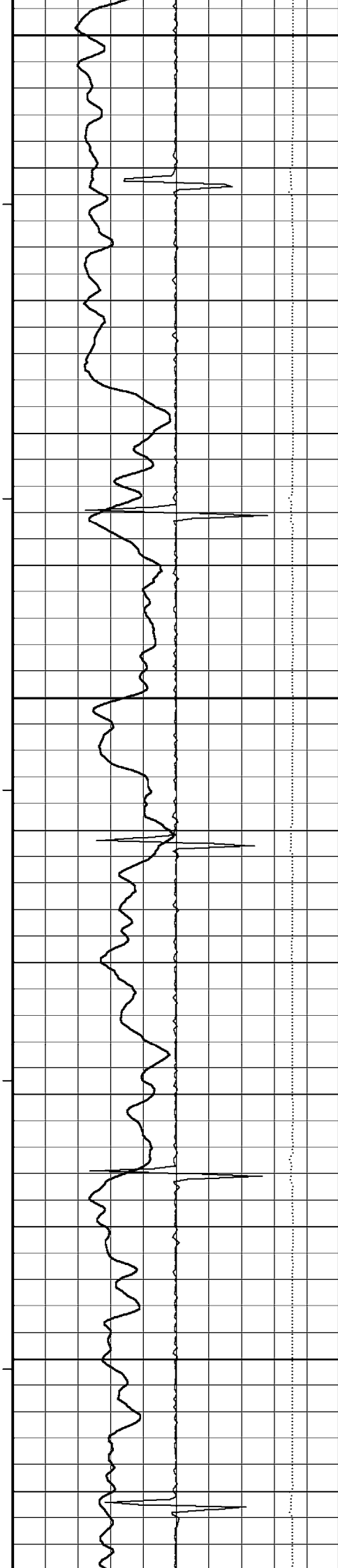
450

460

44°

470





480

45°

490

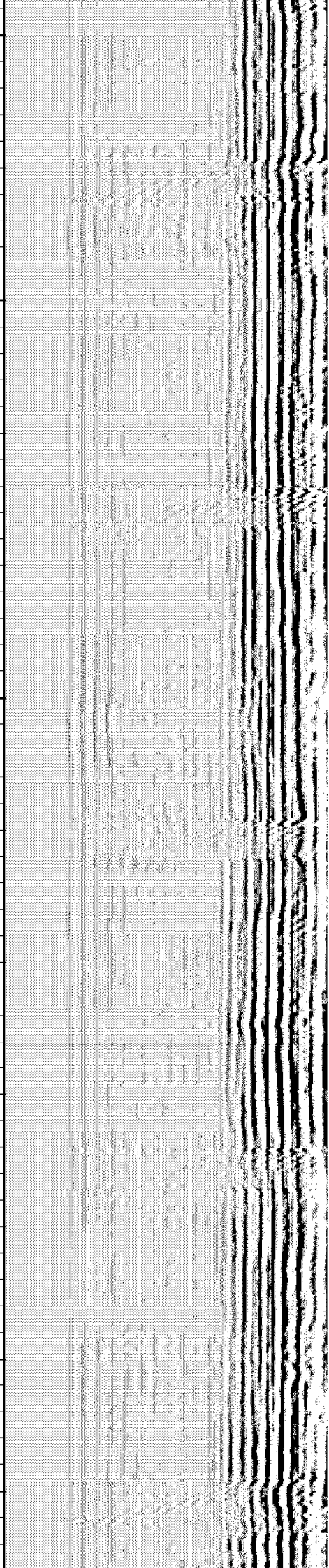
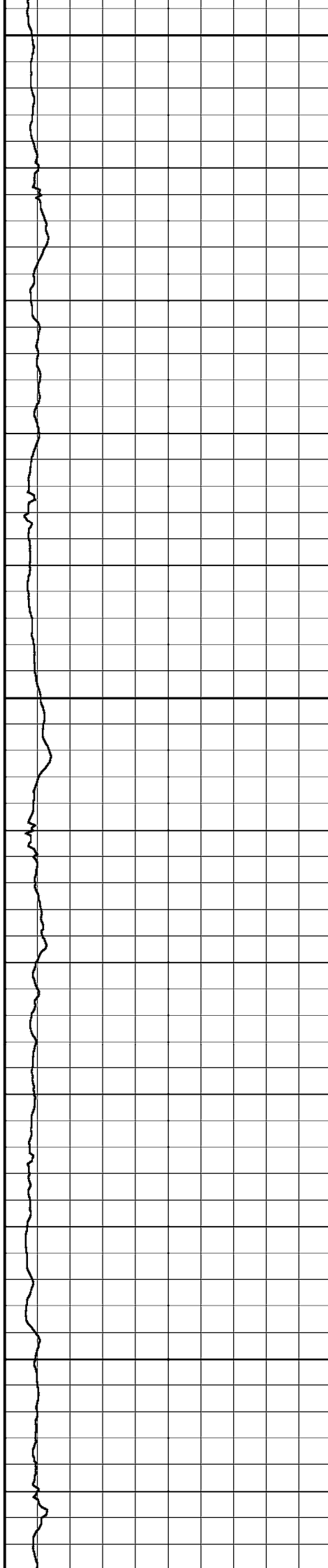
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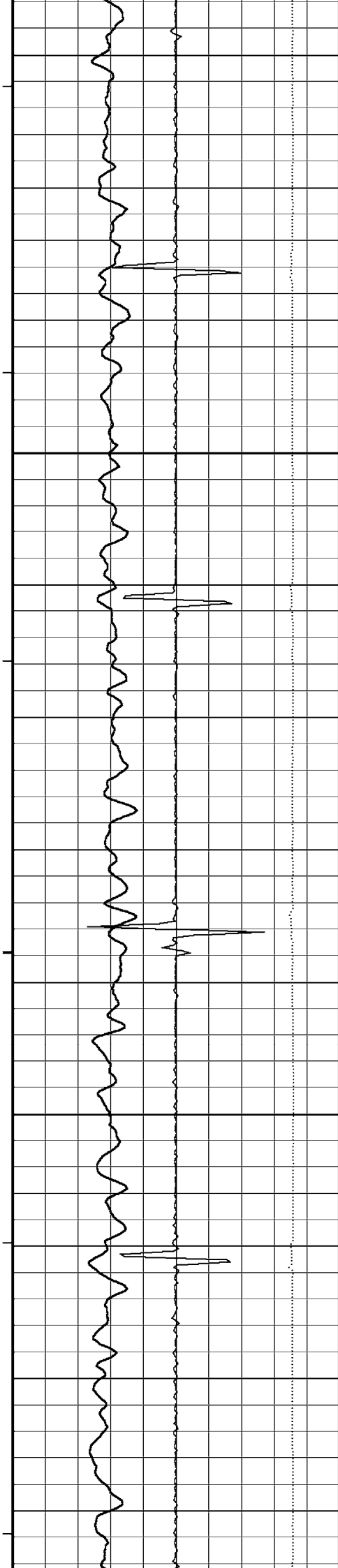
510

46°

520

530





46°

540

550

560

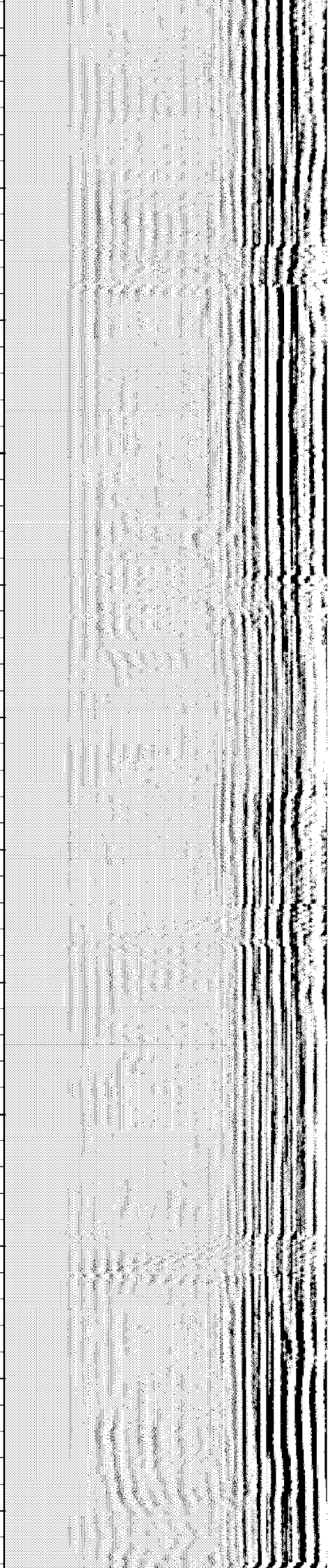
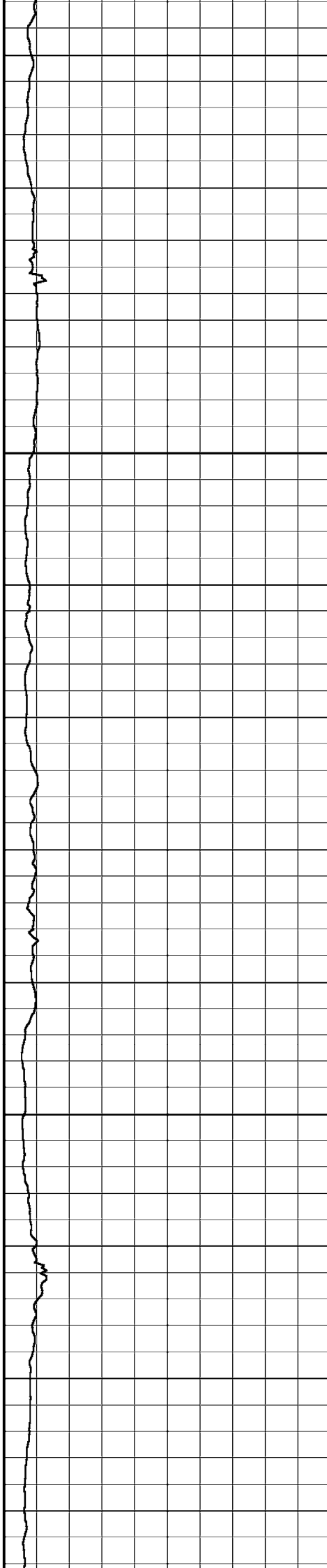
47°

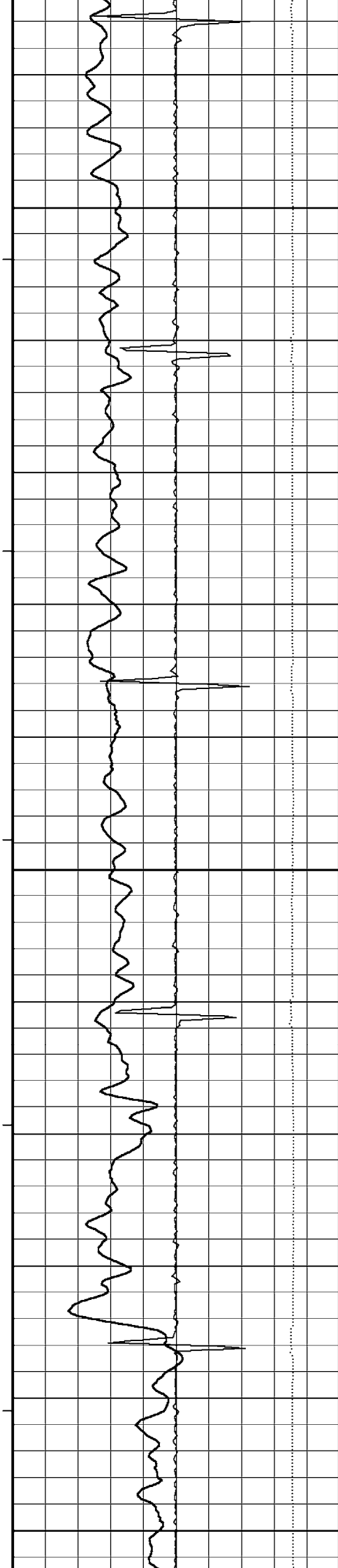
570

580

48°

590





600

610

49°

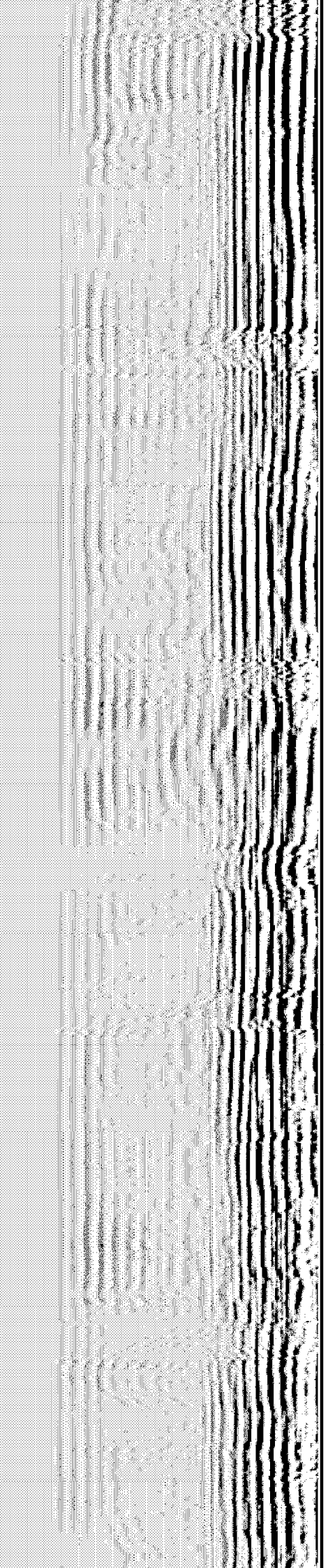
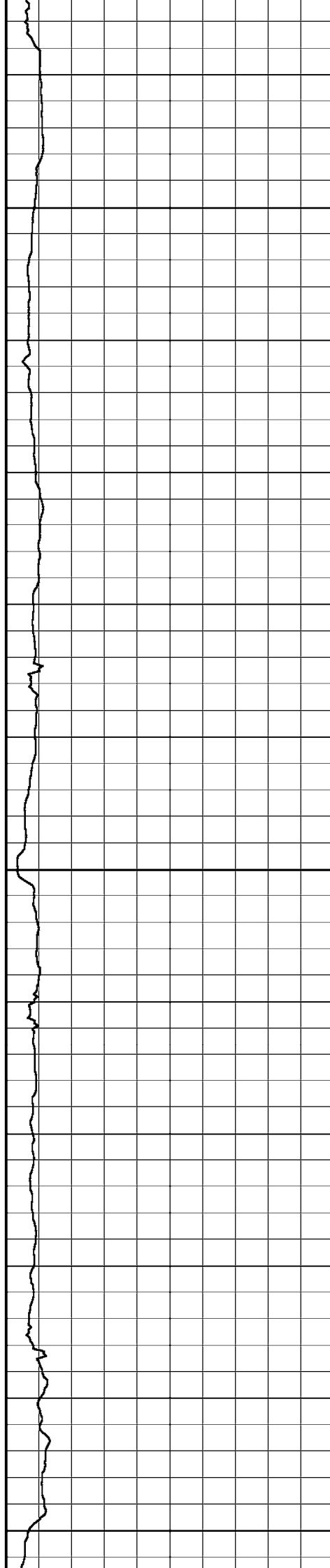
620

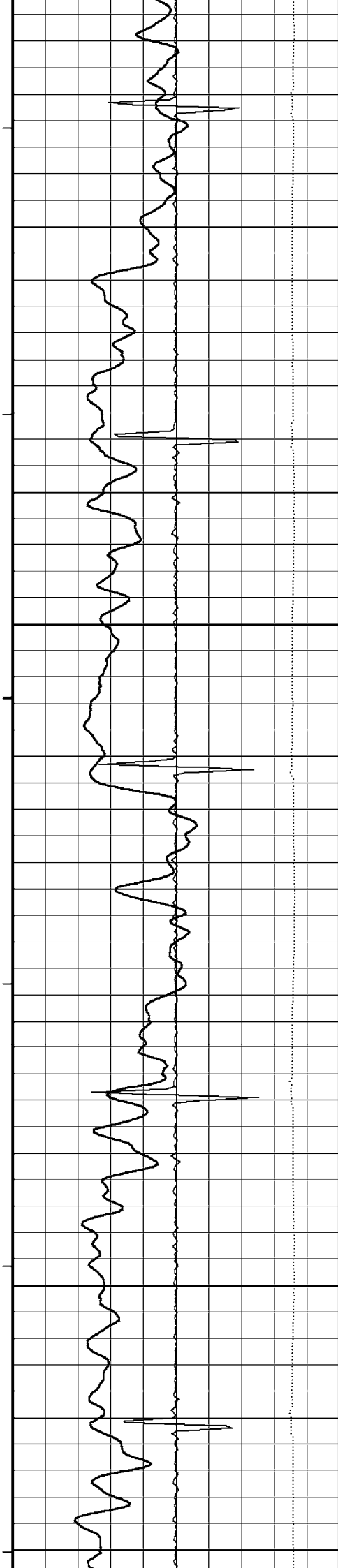
630

50°

640

650





660

51"

670

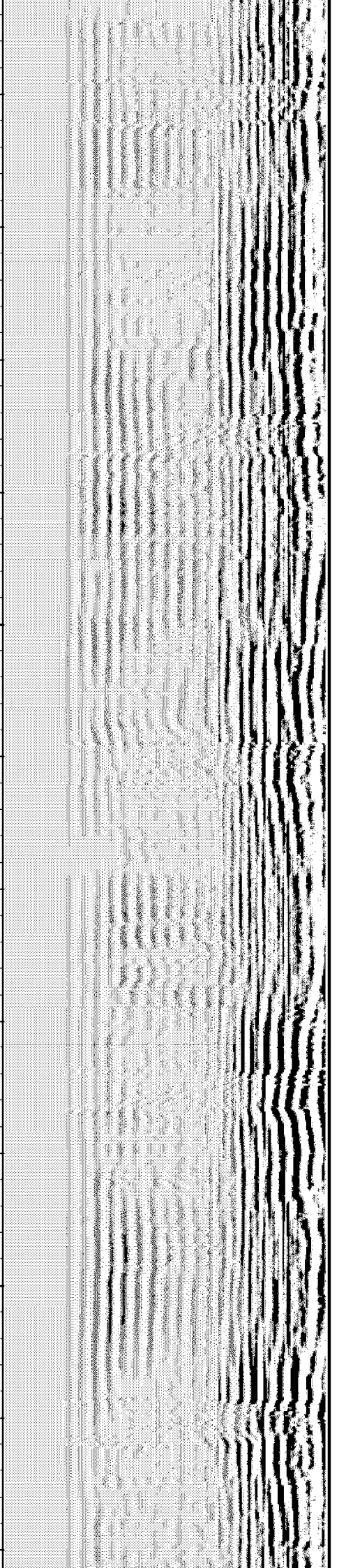
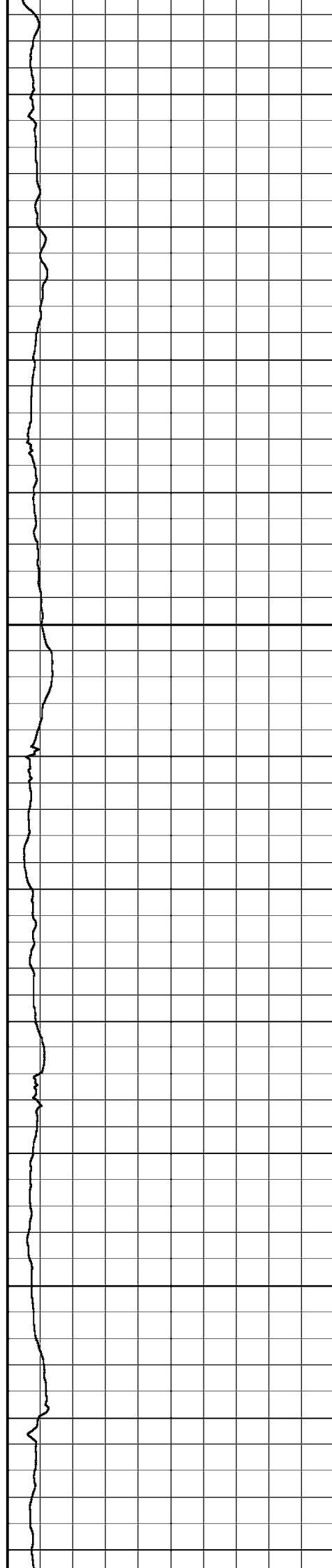
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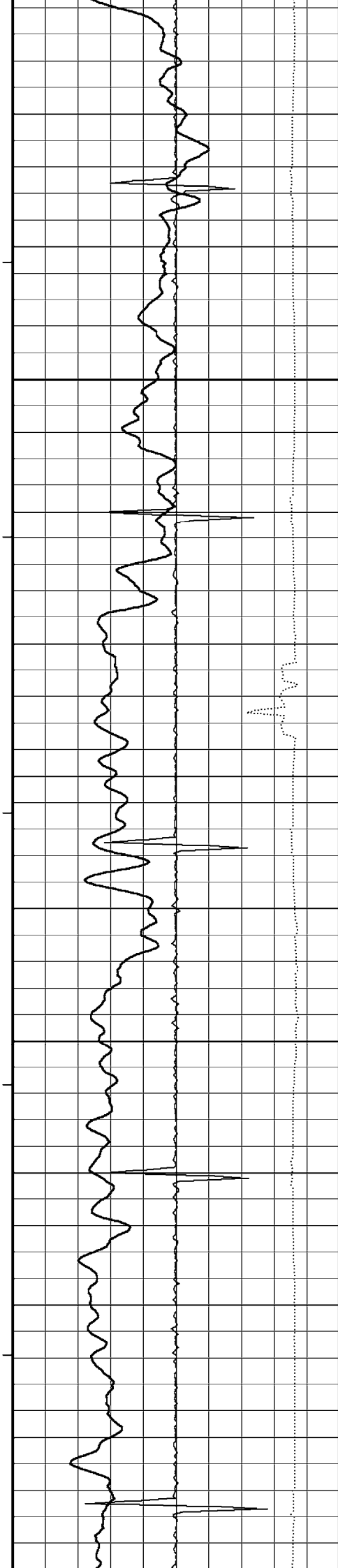
51"

690

700

710





52°

720

730

53°

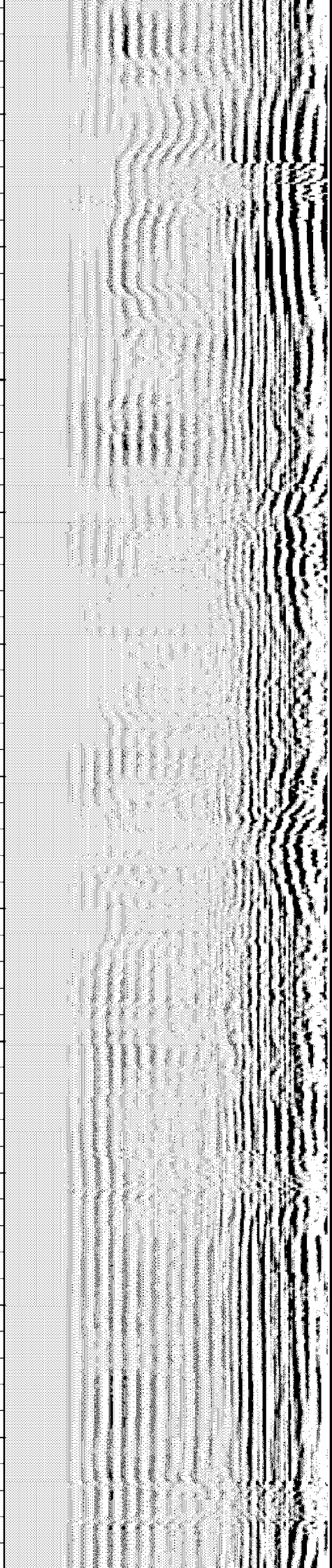
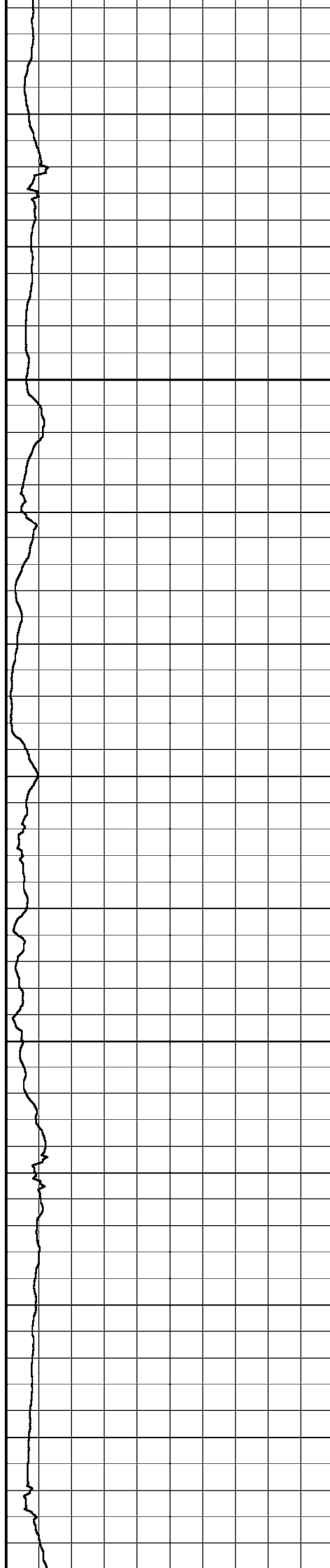
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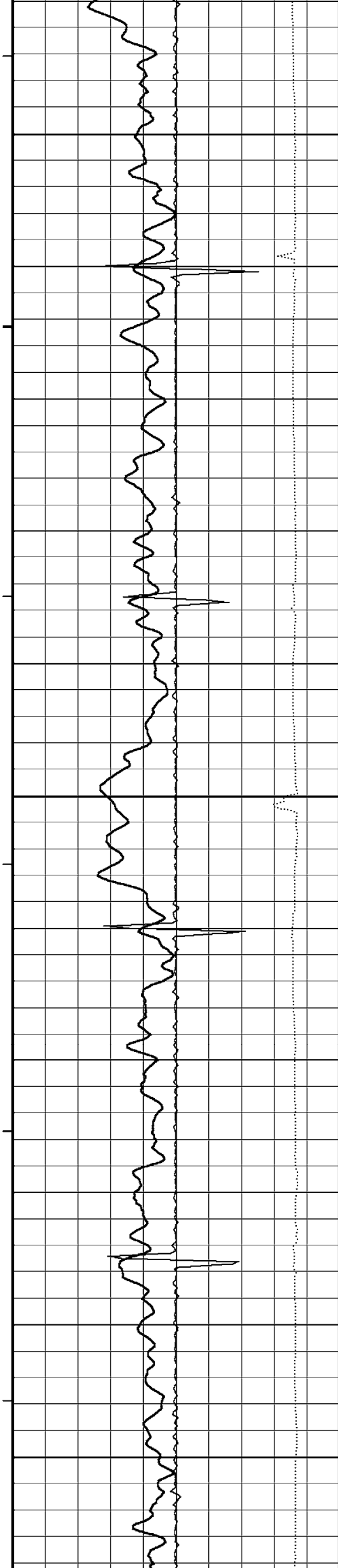
750

760

54°

770





770

780

55"

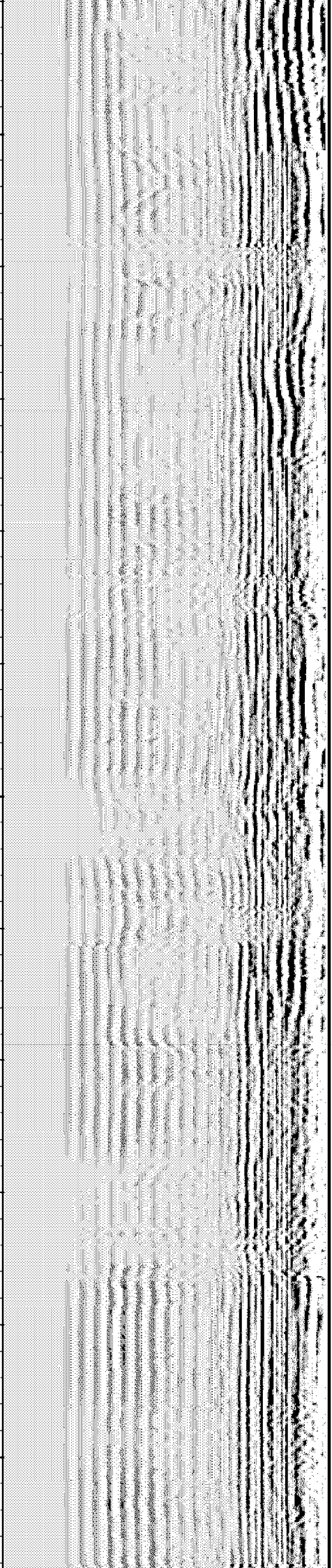
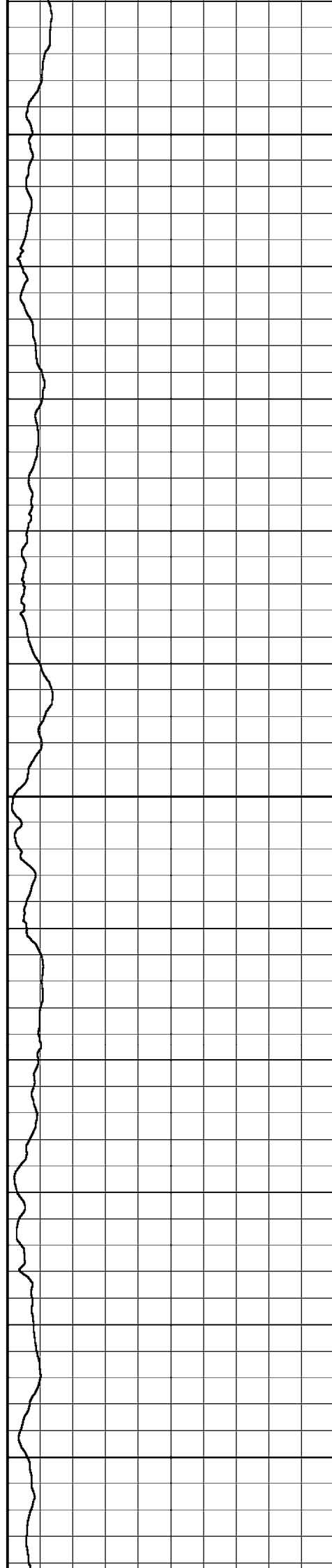
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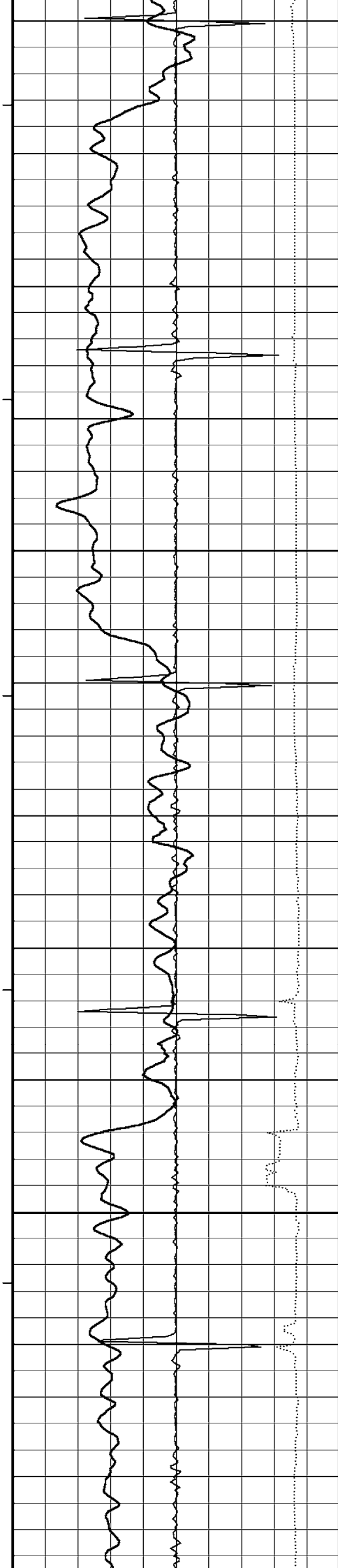
800

810

56"

820





830

57°

840

850

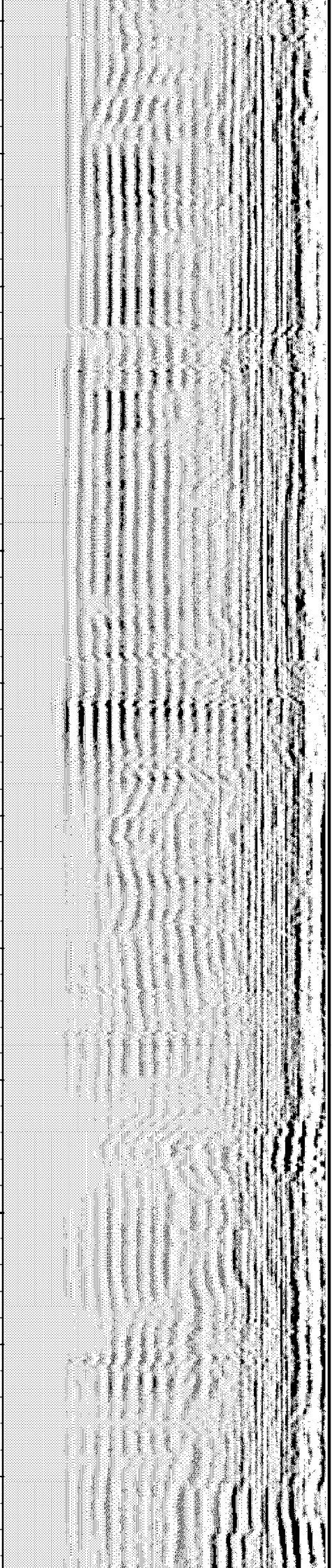
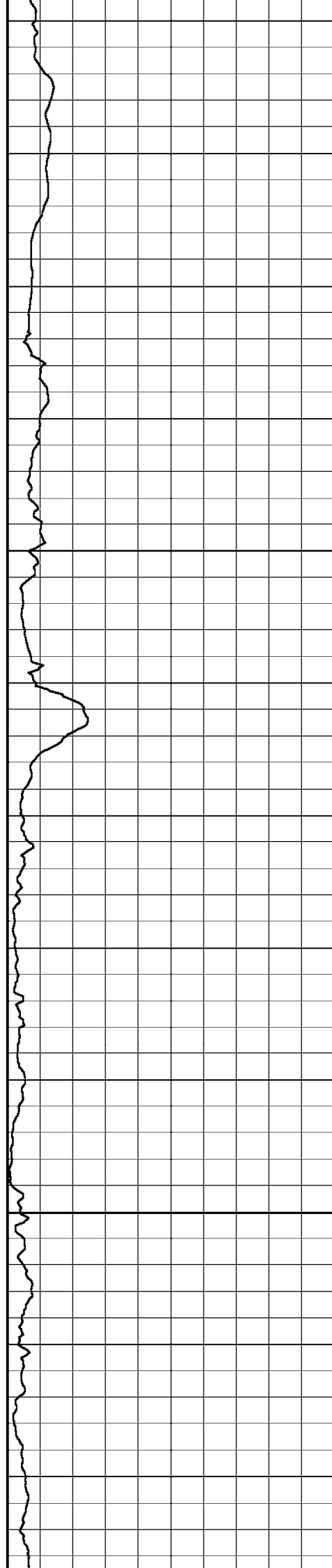
860

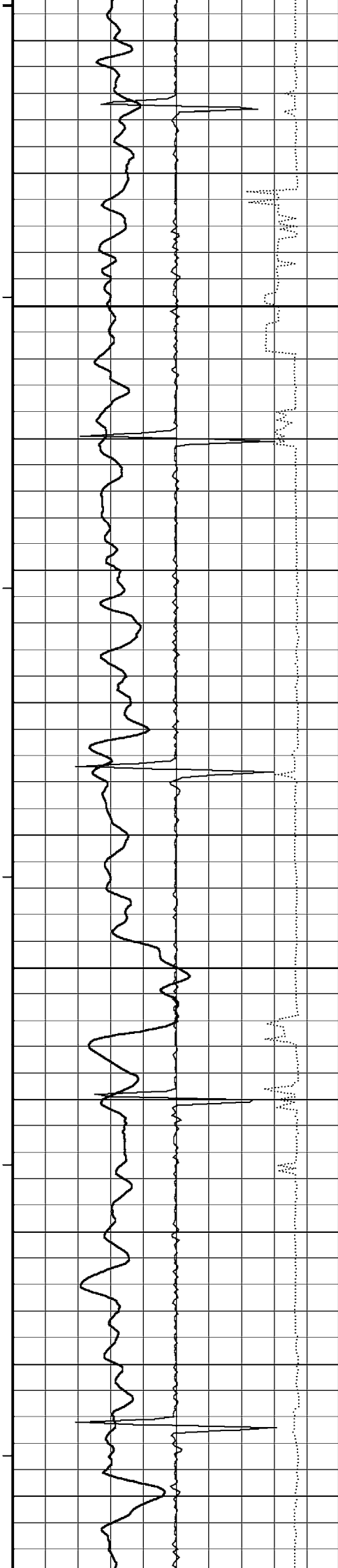
58°

870

880

59°





890

900

910

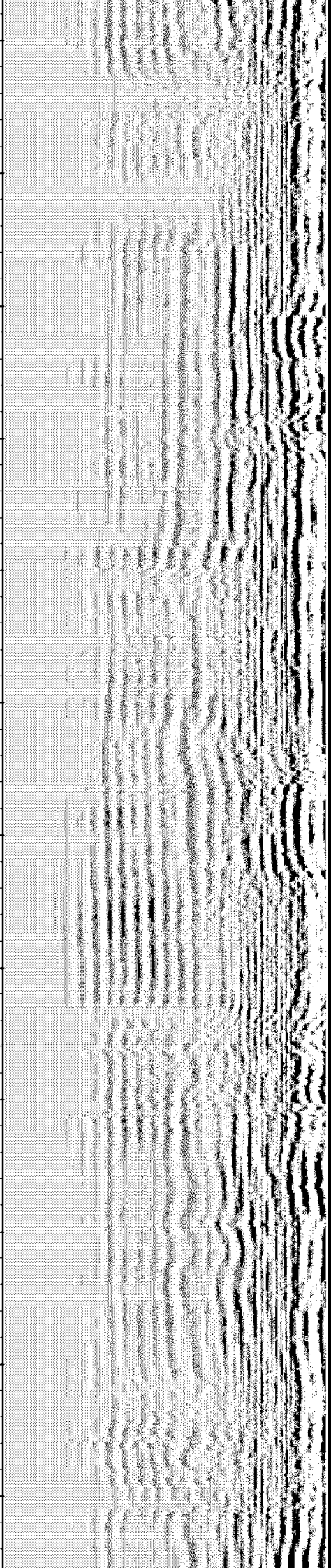
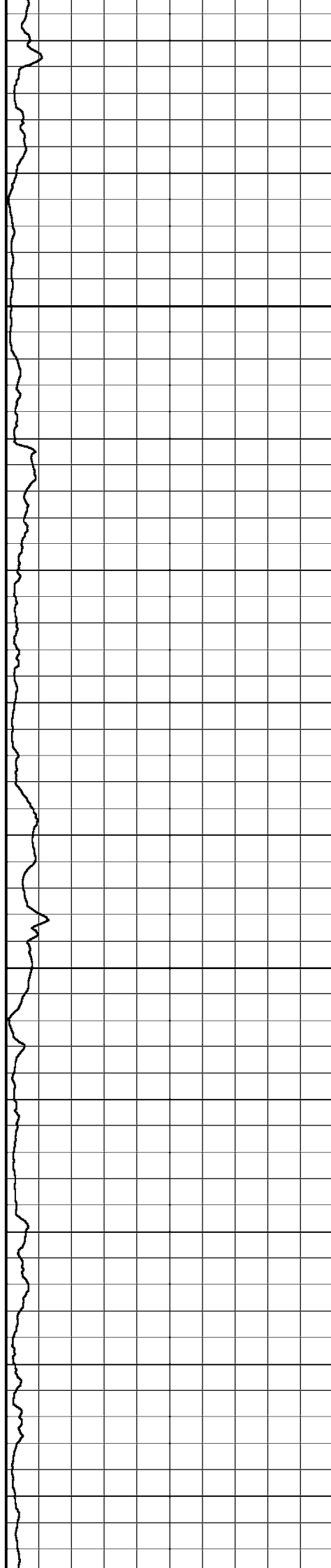
60°

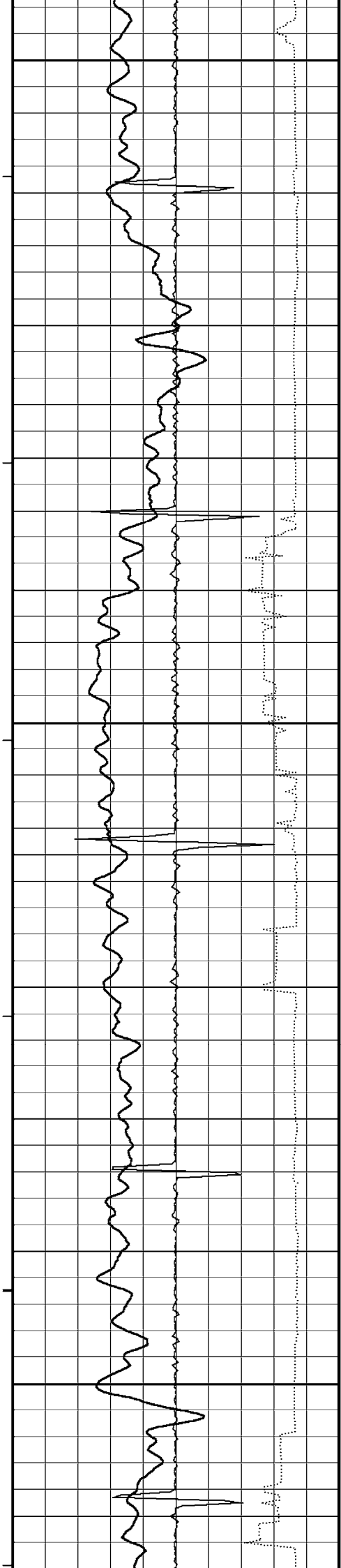
920

930

61°

940





950

960

62°

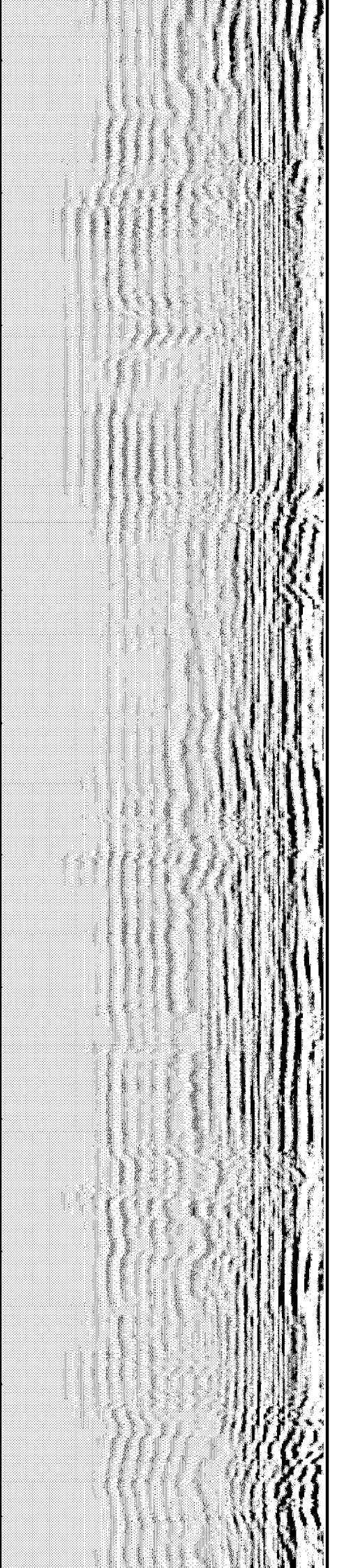
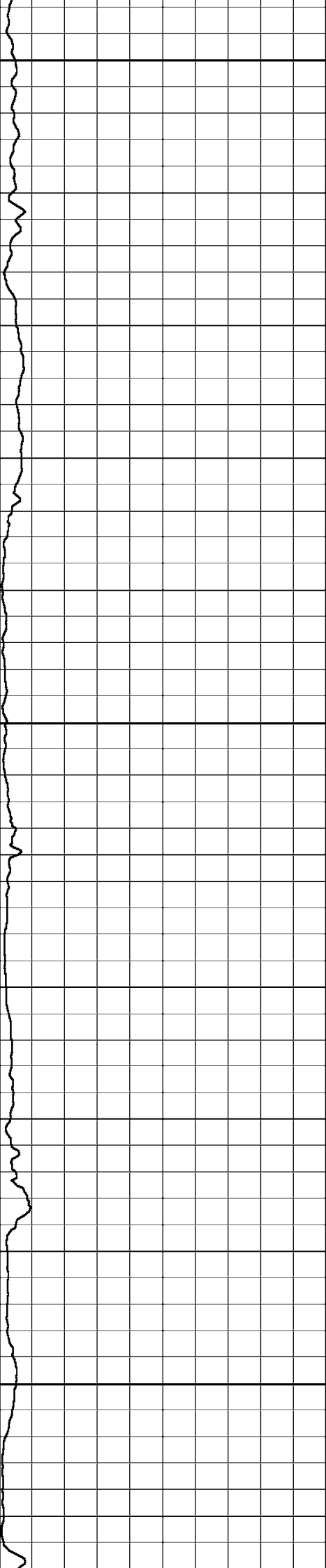
970

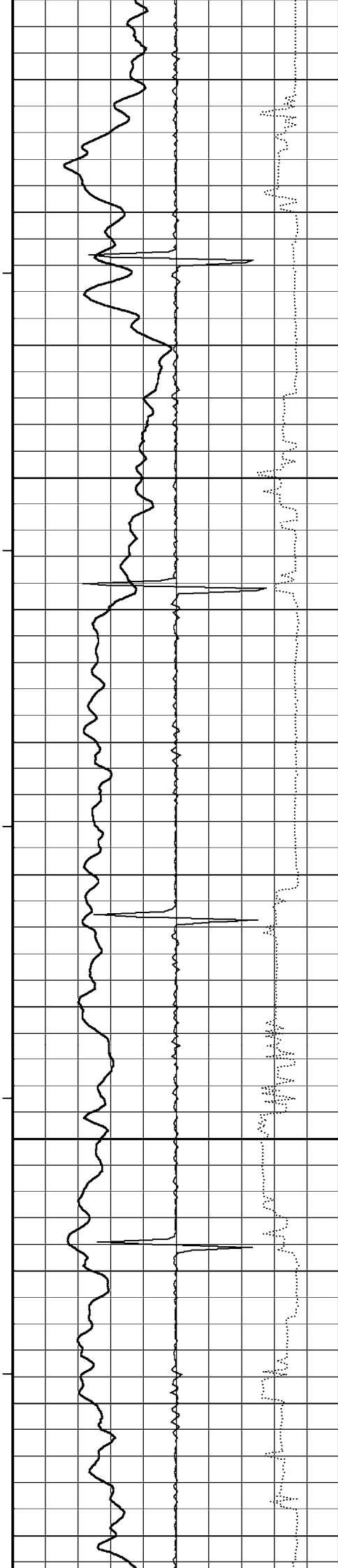
980

63°

990

1000





1010

64°

1020

1030

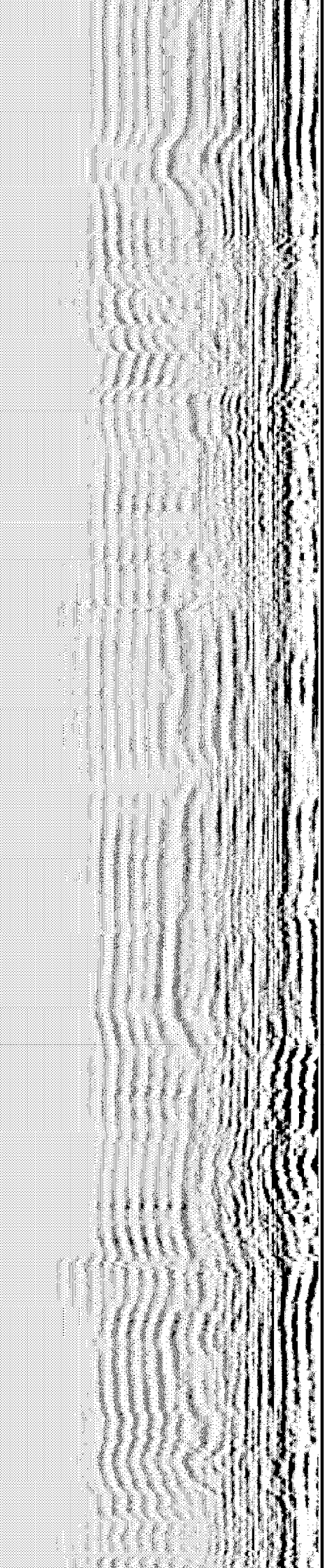
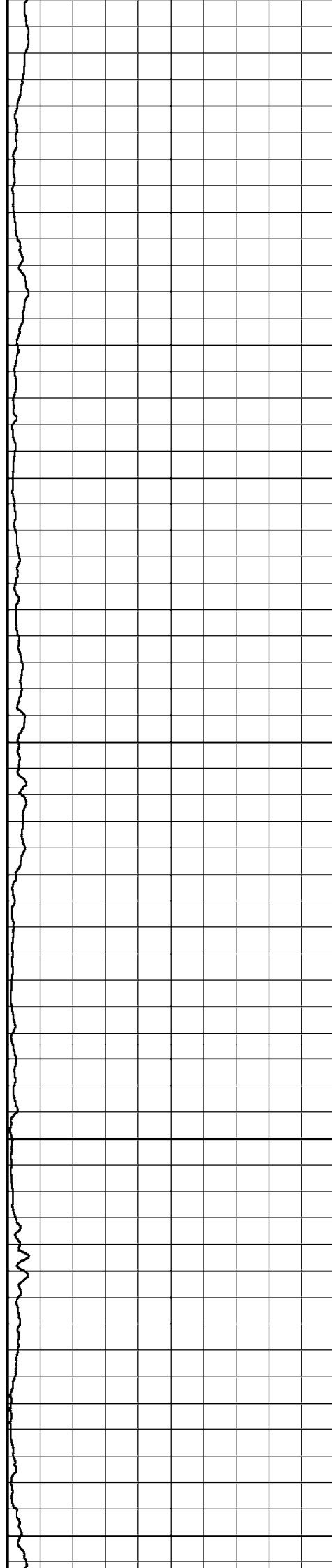
64°

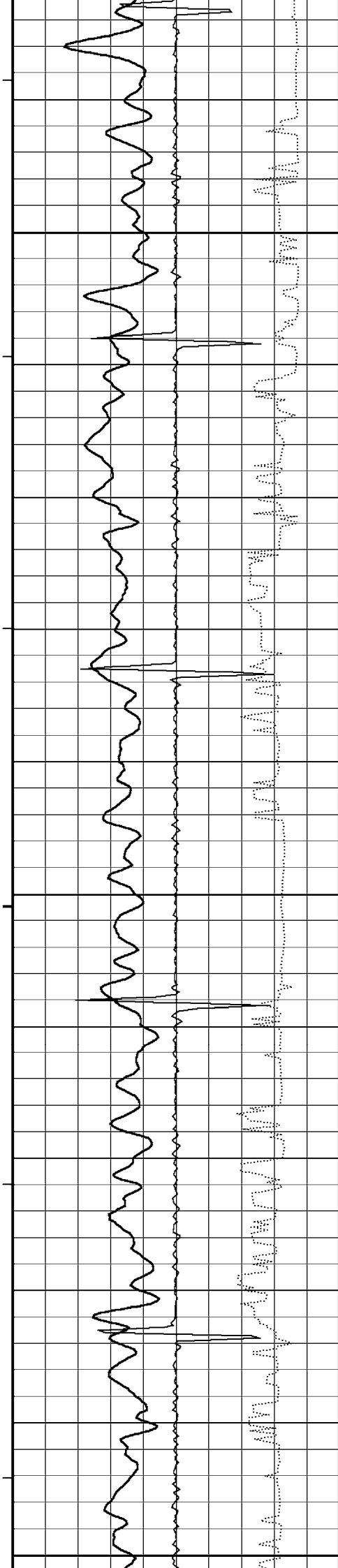
1040

1050

1060

66°





1070

1080

67°

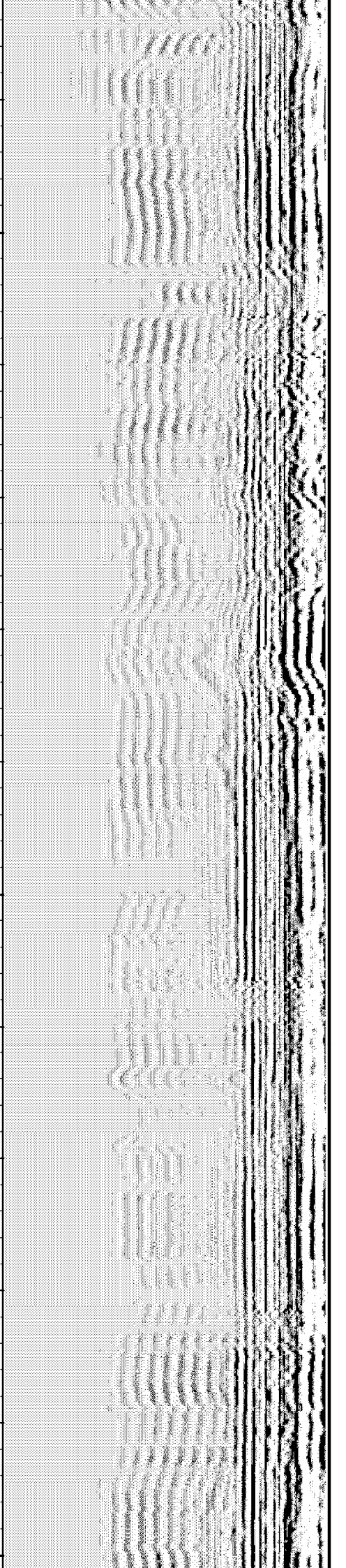
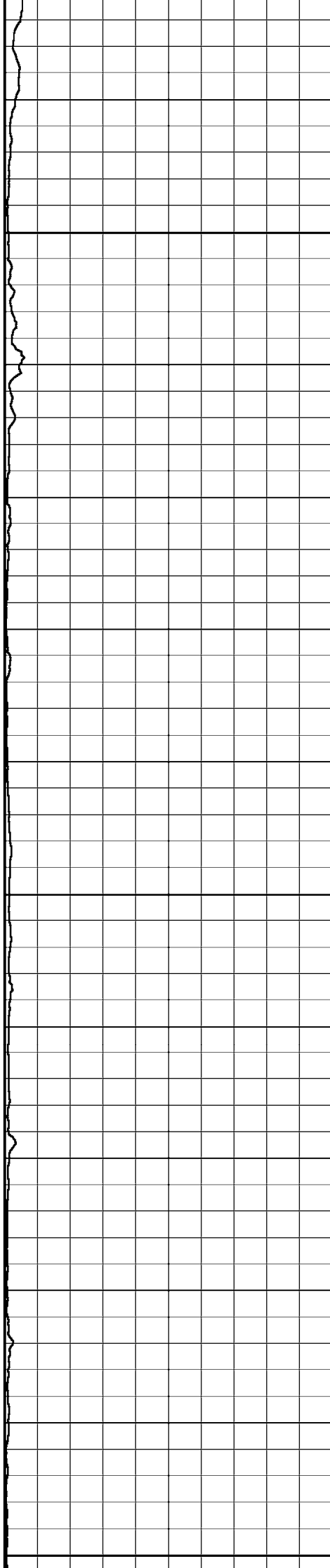
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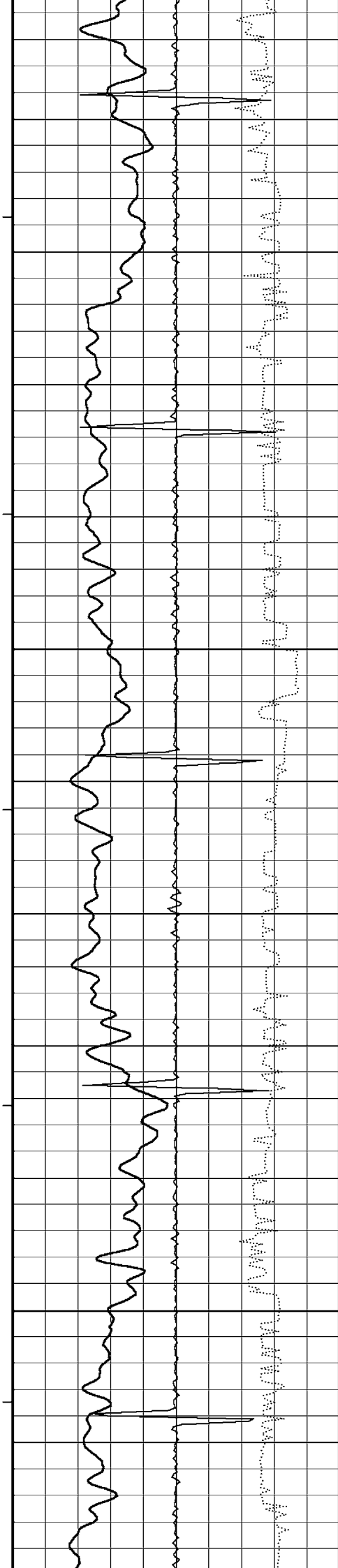
1100

1110

68°

1120





1130

69°

1140

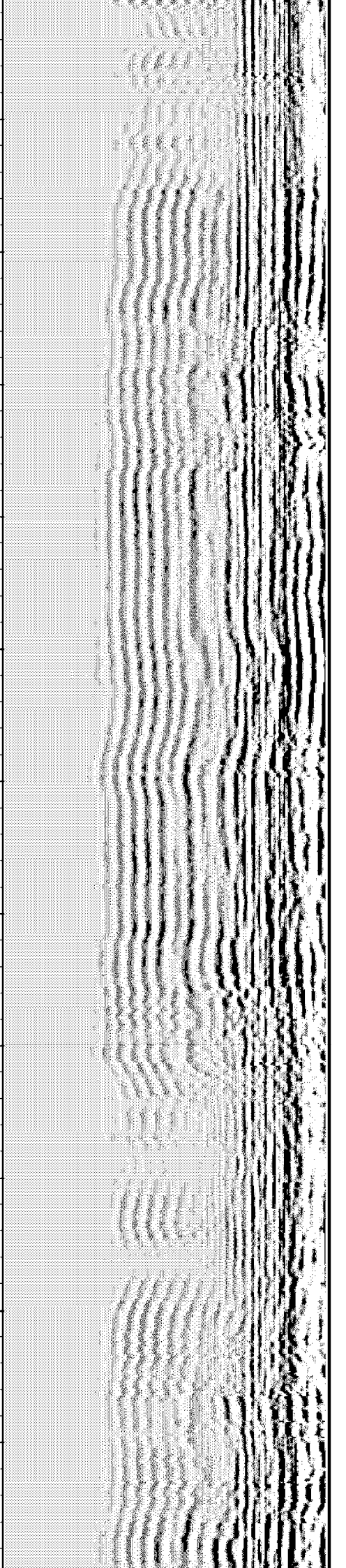
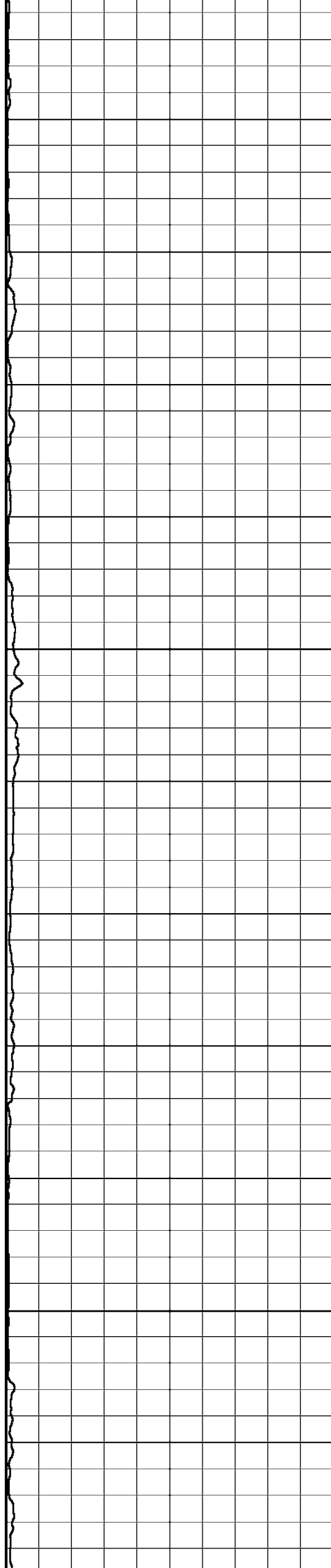
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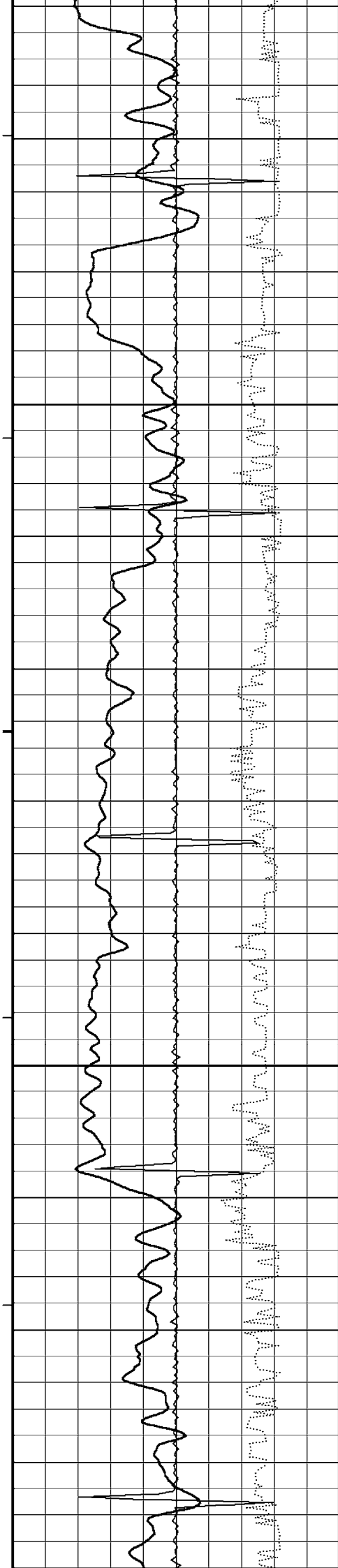
1160

70°

1170

1180





71°

1190

1200

1210

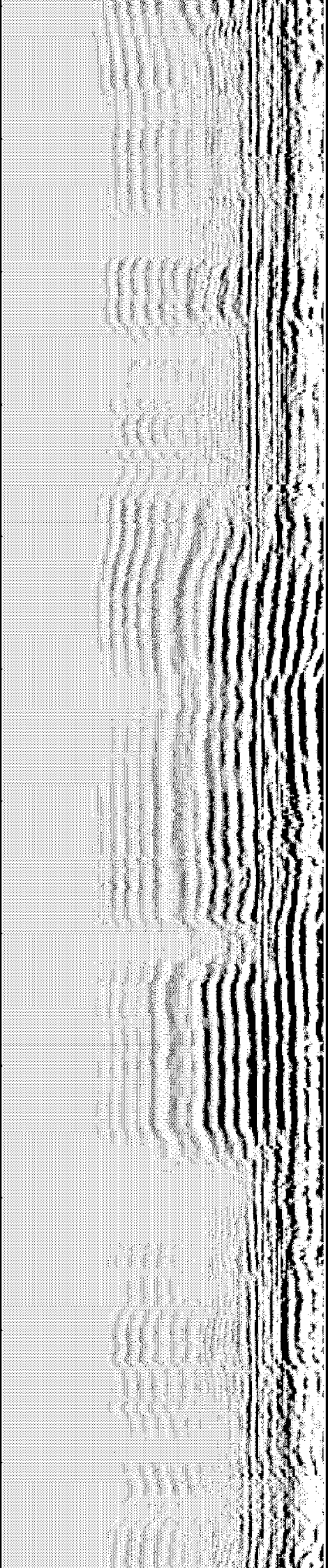
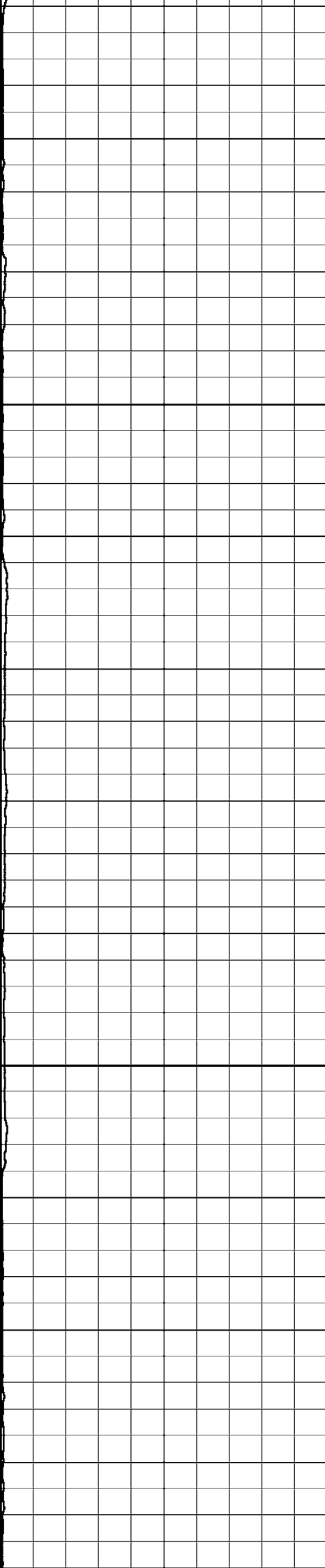
72°

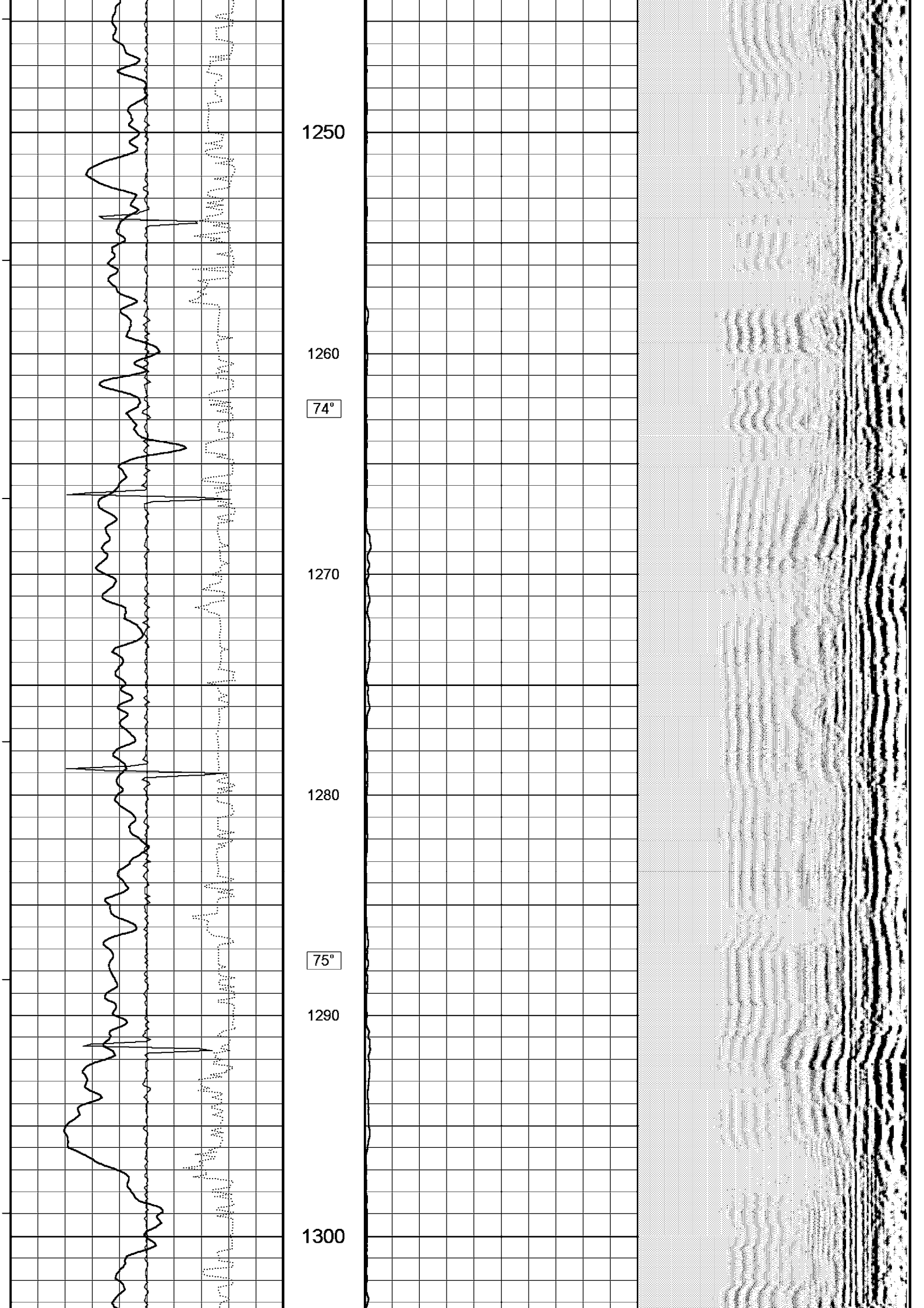
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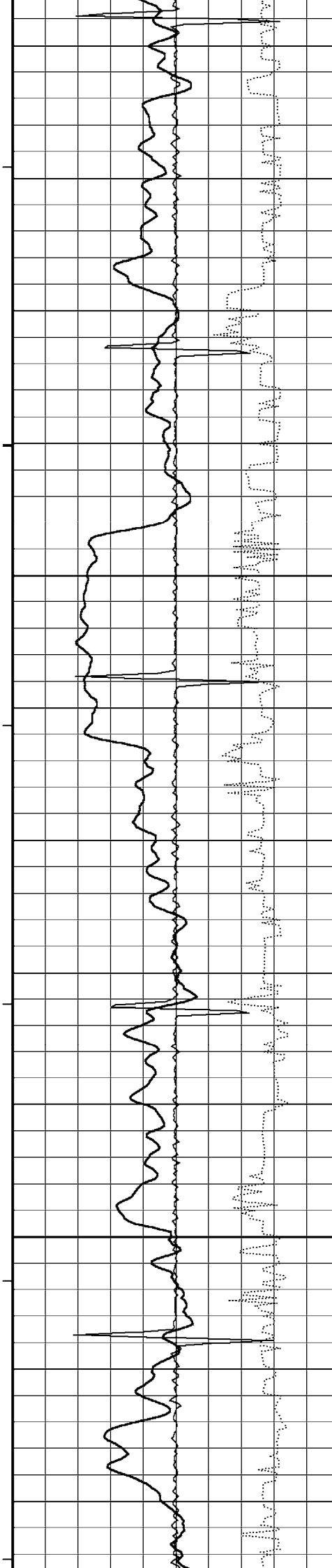
1230

73°

1240







1310

76°

1320

1330

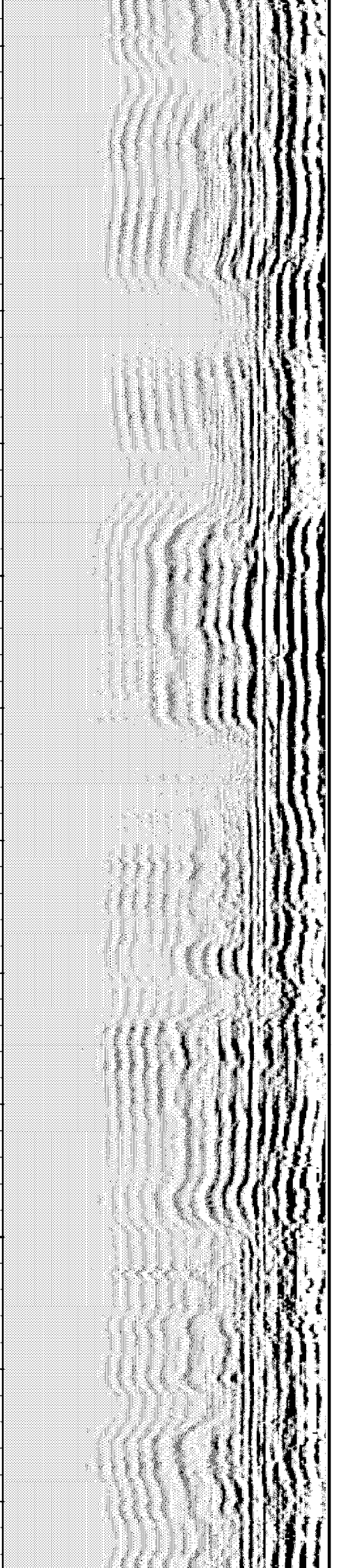
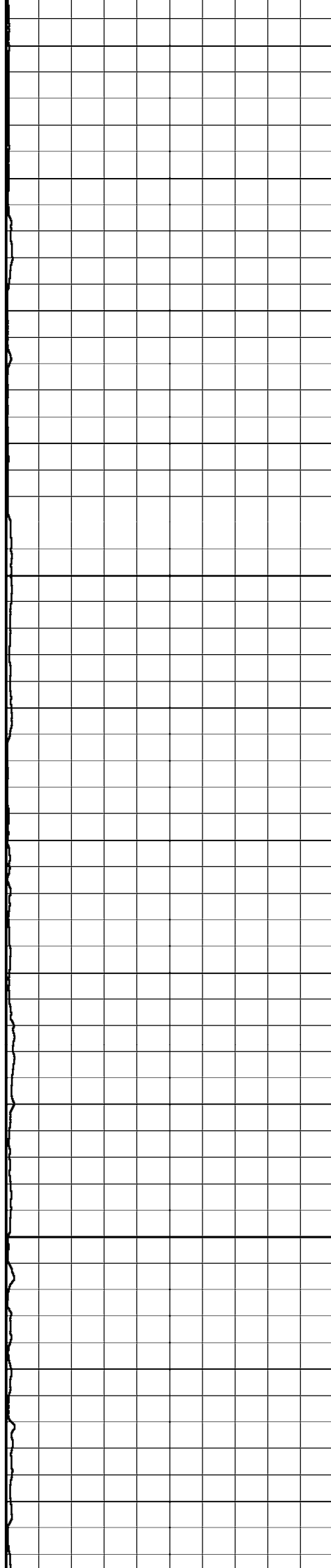
77°

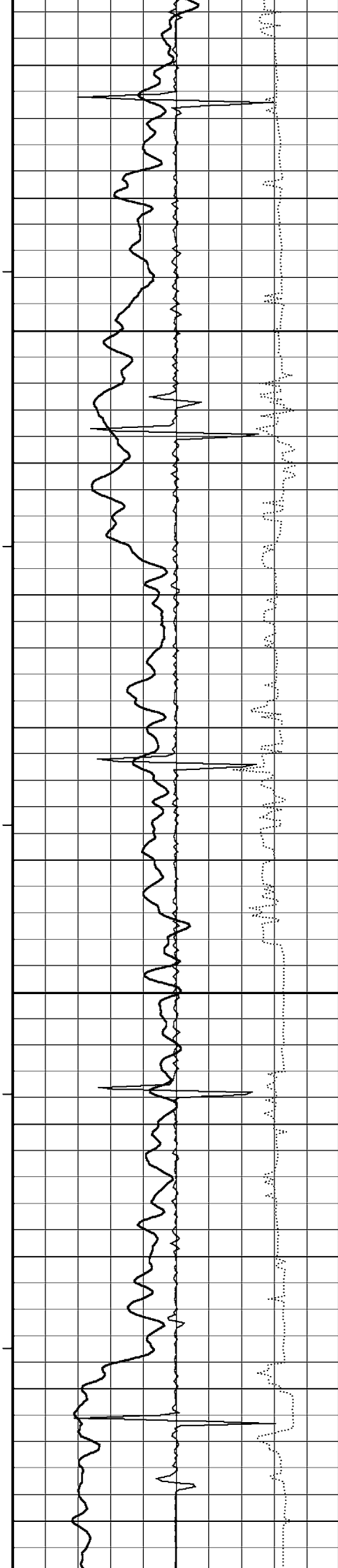
1340

1350

1360

77°





77°

1370

1380

78°

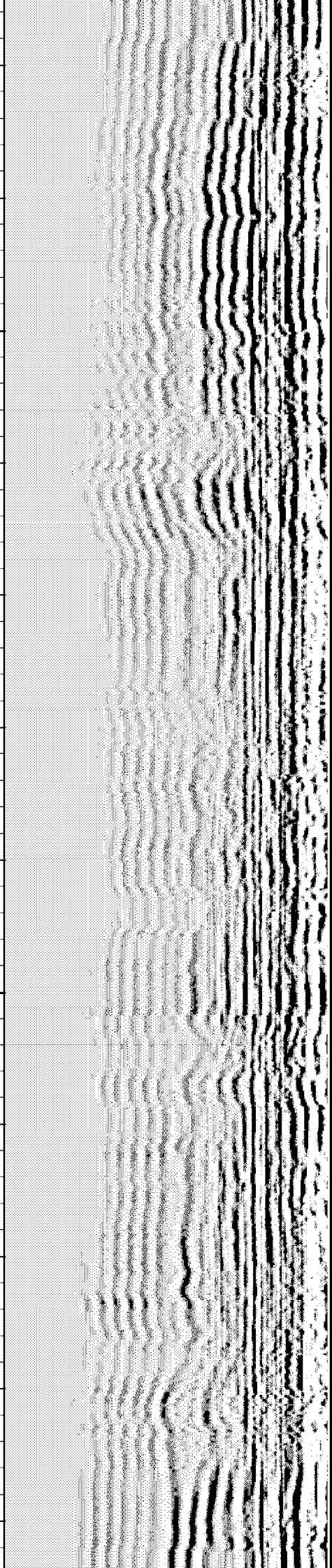
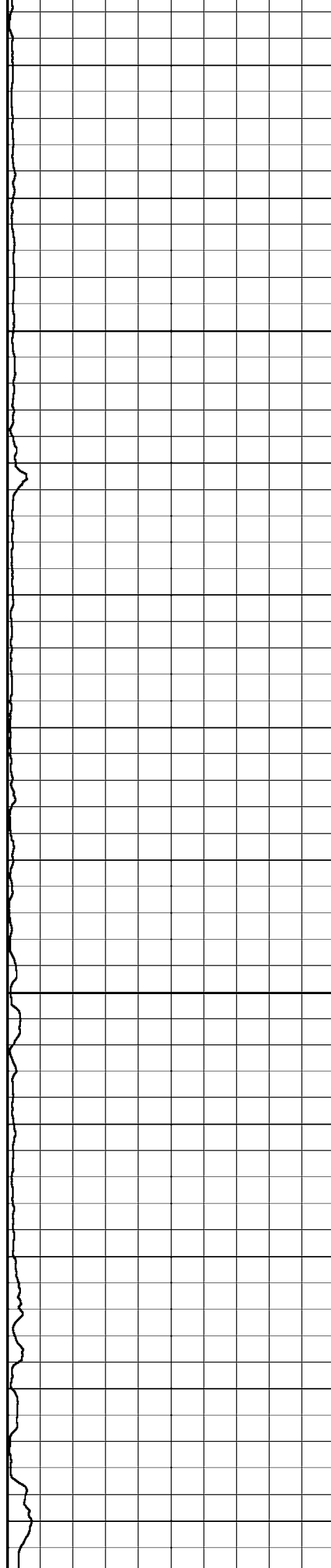
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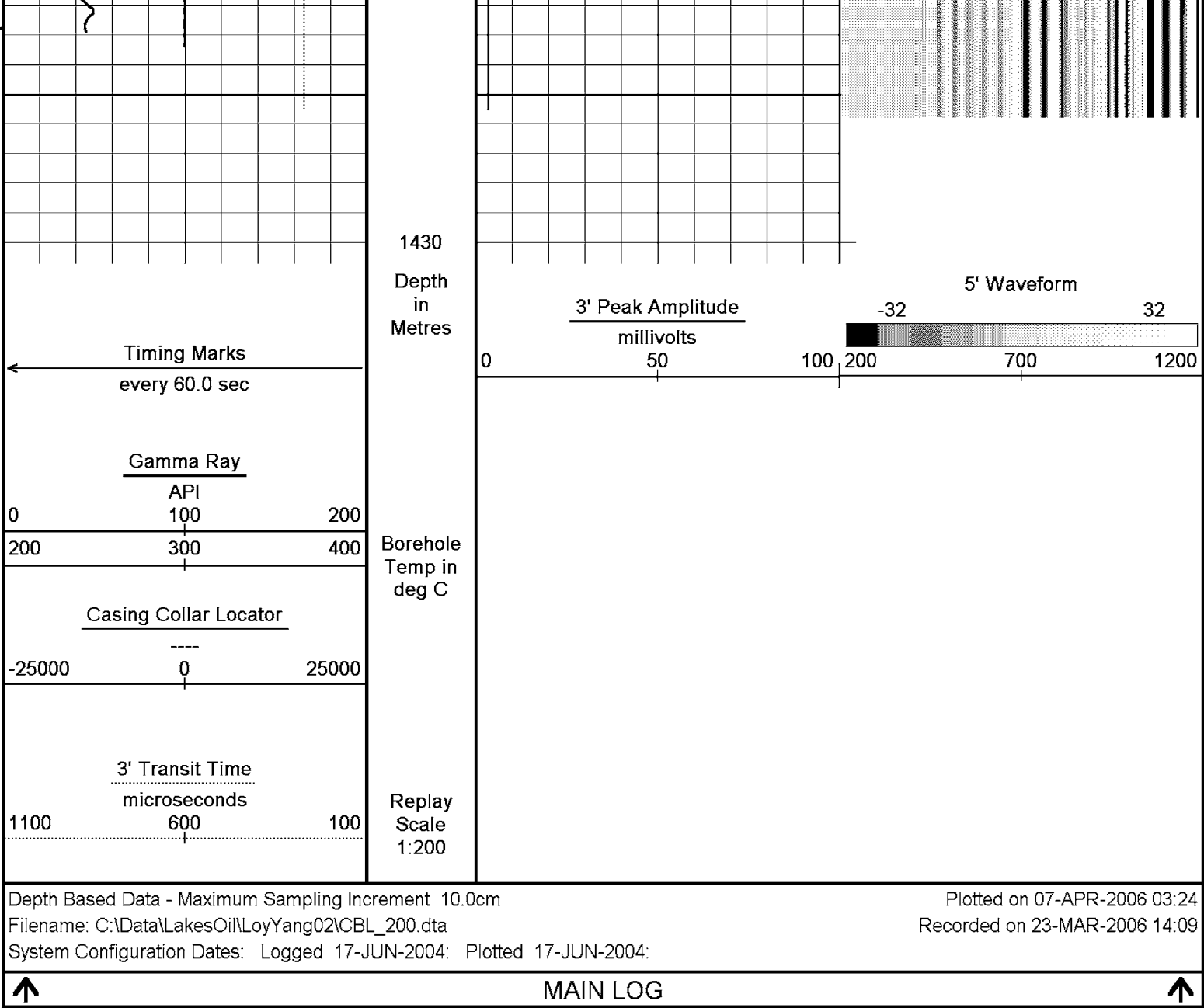
1400

1410

79°

1420





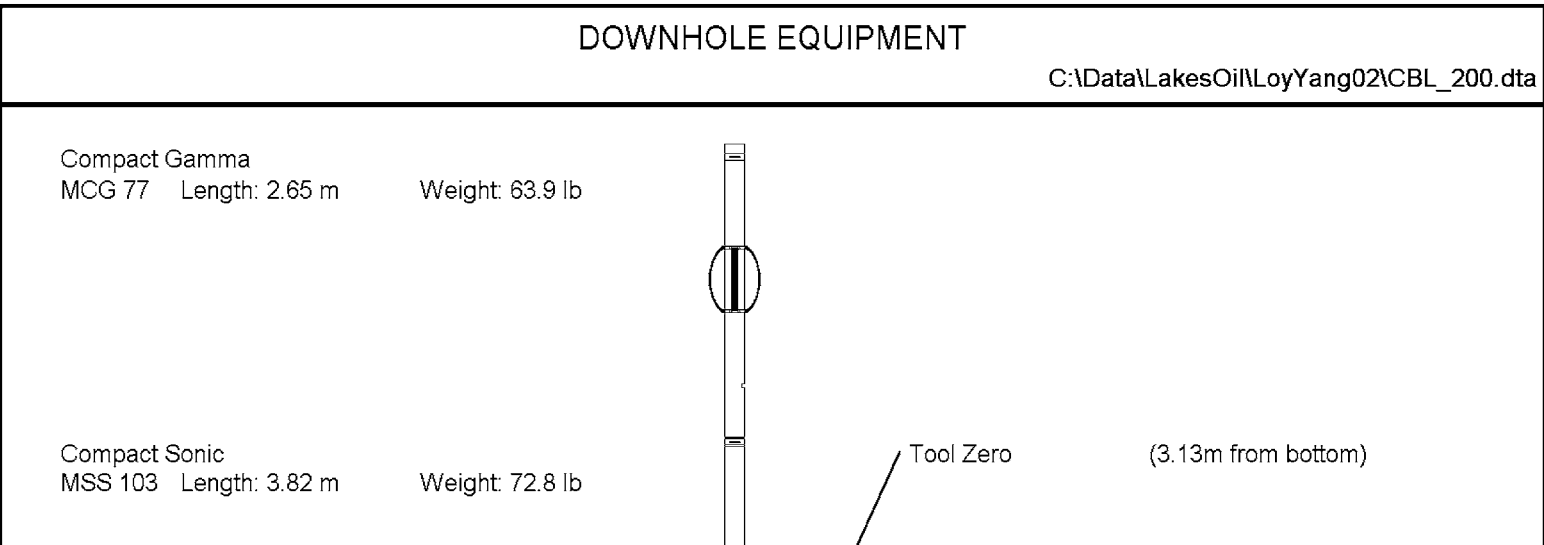
BEFORE SURVEY CALIBRATION			C:\Data\LakesOil\LoyYang02\CBL_200.dta
General Constants All 000			
General Parameters			
Mud Resistivity	3.210	ohm-metres	
Mud Resistivity Temperature	20.000	degrees C	
Water Level	0.000	metres	
Density/Neutron Processing	Water Level Switch		
Hole/Annular Volume and Differential Caliper Parameters			
HVOL Caliper 1	Bit Size		
HVOL Caliper 2	None		
Annular Volume Diameter	3.000	inches	
Caliper for Differential Caliper	None		
Rwa Parameters			
Porosity used	N/A		
Resistivity used	N/A		
RWA Constant A	N/A		
RWA Constant M	N/A		
Gamma Calibration MCG 077			Field Calibration on 23-MAR-2006,11:37
	Measured	Calibrated (API)	
Background	20	17	
Calibrator (Gross)	1216	1007	
Calibrator (Net)	1196	990	

Gamma Constants MCG 077		
Gamma Calibrator Number	109	
Mud Density	1.00	gm/cc
Caliper Source for Processing	Bit Size	
Tool Position	Centred	
Concentration of KCl	0.00	kppm

High Resolution Temperature Constants MCG 077

Pre-filter Length	11
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Sonic Constants MSS 103				
Maximum Boundary Contrast	100.00	micro-sec/ft		
Fluid Transit Time	189.00	micro-sec/ft		
Limestone Transit Time	47.50	micro-sec/ft		
Sandstone Transit Time	55.50	micro-sec/ft		
Dolomite Transit Time	43.50	micro-sec/ft		
Sonic used for Porosities	3-5' Compensated Sonic			
Correction for Sonde Skew	Applied			
Cycle Stretch Algorithm	Applied			
MN3FT	0.00	micro-sec		
MX3FT	1500.00	micro-sec		
Fixed Gate Parameters				
Start Time (micro-sec)	End Time (micro-sec)	Discriminator (mV)	Depth (m)	
0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00	
Down Hole Fixed Gate Parameters				
Gate Start	363.00	micro-sec		
Gate Width	26.00	micro-sec		
Initial Discriminator Level	2.4410	mVolts		
Full Waveform Parameters				
Use 3' Waveform to derive TR	N/A			
Use 4' Waveform to derive TR	N/A			
Use 5' Waveform to derive TR	N/A			
Use 6' Waveform to derive TR	N/A			
3' Waveform Discriminator Level	N/A	mV		
4' Waveform Discriminator Level	N/A	mV		
5' Waveform Discriminator Level	N/A	mV		
6' Waveform Discriminator Level	N/A	mV		
3' Waveform Filter	N/A			
4' Waveform Filter	N/A			
5' Waveform Filter	N/A			
6' Waveform Filter	N/A			
Semblance Level	N/A			
Semblance Window Width	N/A	micro-sec		
Sonic 1 Despiker	N/A	N/A		
Sonic 2 Despiker	N/A	N/A		



Compact Linker
MLK 90 Length: 2.44 m Weight: 30.9 lb

Total Length: 8.91 m Weight: 167.6 lb



All measurements relative to tool zero.

COMPANY	LAKES OIL NL
WELL	LOY YANG 2
FIELD	EXPLORATION
PROVINCE/COUNTY	VICTORIA
COUNTRY/STATE	AUSTRALIA

Elevation Kelly Bushing	107.65	metres	First Reading	1421.00	metres
Elevation Drill Floor	107.35	metres	Depth Driller		metres
Elevation Ground Level	104.00	metres	Depth Logger		metres



CBL VDL
GAMMA RAY CCL
1:200