

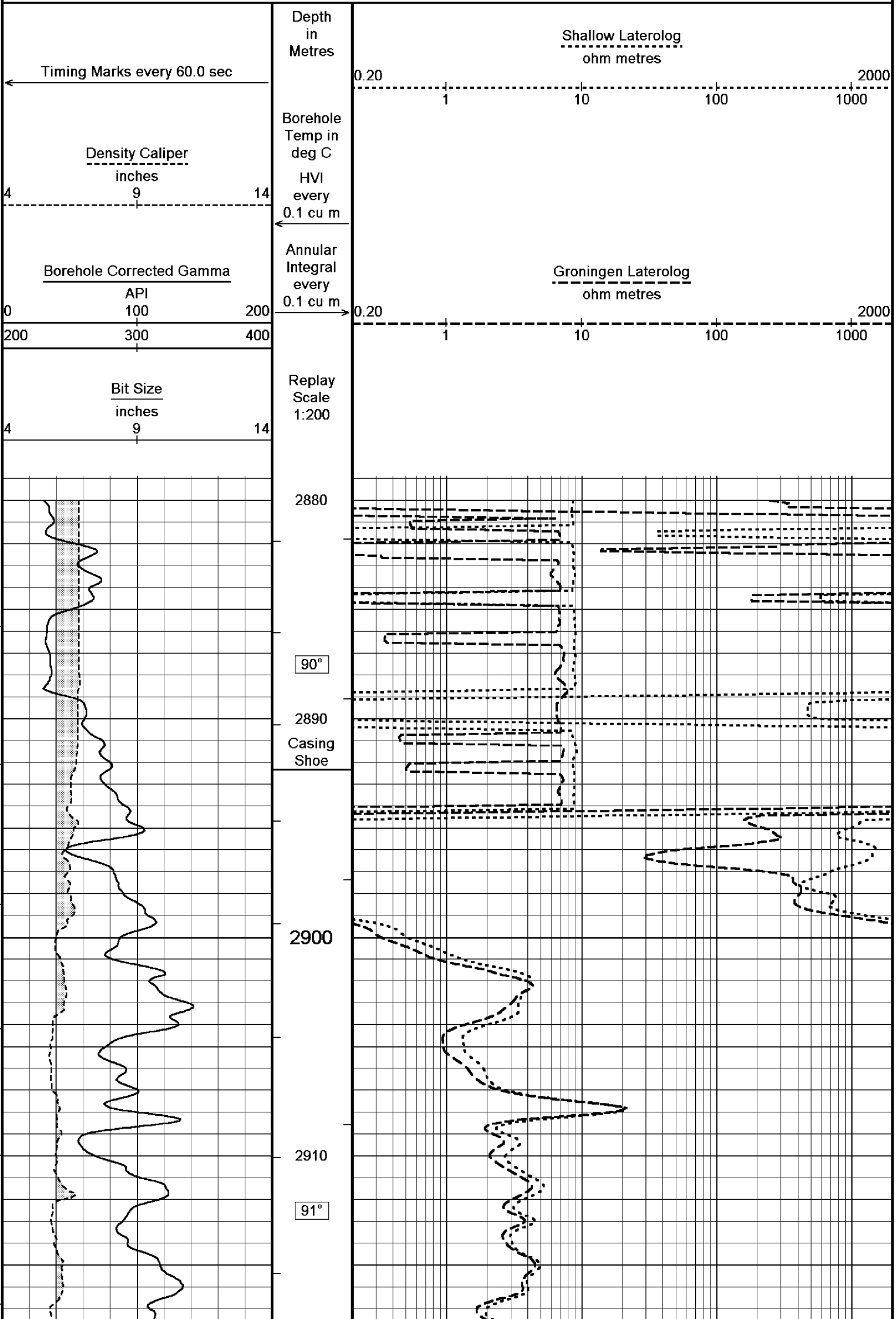
Reeves

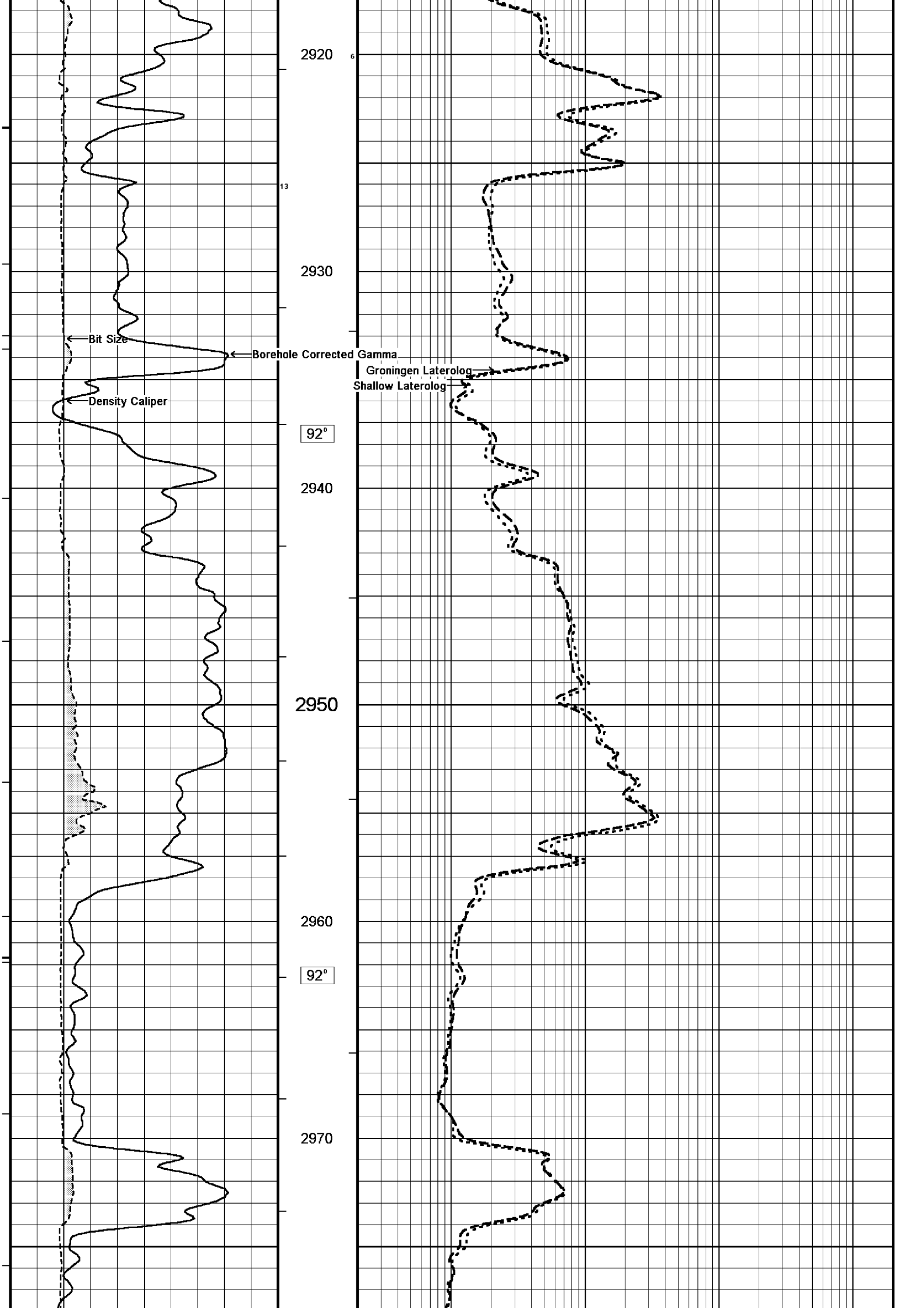
DUAL LATEROLOG - GR 1:200 MD

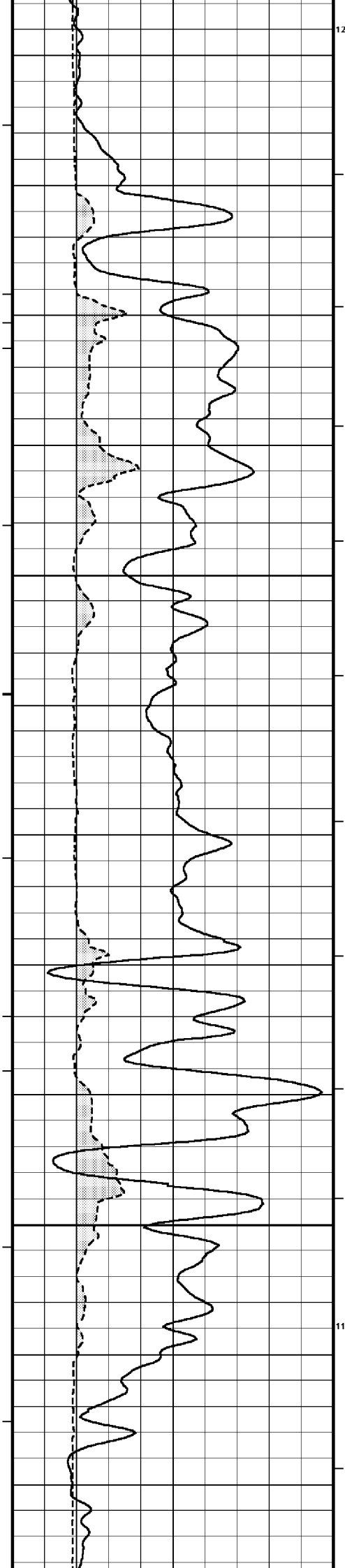
COMPANY			ESSO AUSTRALIA PTY. LTD.		
WELL			FLOUNDER A-17a		
FIELD			GIPPSLAND BASIN		
PROVINCE/COUNTY			BASS STRAIT		
COUNTRY/STATE			AUSTRALIA		
LOCATION			5758711.37 m N, 625853.66 m E 38°18'39.158" S, 148°26'22.270" E		
LSD	SEC	TWP	RGE	Other Services	
				PHOTO DENSITY	
API Number				COMPENSATED NEUTRON	
Permit Number				COMPENSATED SONIC	
Permanent Datum MSL				Elevation 0 metres	
Log Measured From RT@33.85 metres				above Permanent Datum	
Drilling Measured From RT					
Date	17-Aug-2003				
Run Number	2				
Depth Driller	3660.00			metres	
Depth Logger	3646.00			metres	
First Reading	3639.70			metres	
Last Reading	2892.30			metres	
Casing Driller	2904.00			metres	
Casing Logger	2892.30			metres	
Bit Size	6.00			inches	
Hole Fluid Type	KCl/PHPA/GLY				
Density / Viscosity	9.20 lb/USg		70.00	sec/qt	
PH / Fluid Loss	9.30		3.10	ml/30Min	
Sample Source	FLOWLINE				
Rm @ Measured Temp	0.101 @ 25.0			ohm-m	
Rmf @ Measured Temp	0.083 @ 25.0			ohm-m	
Rmc @ Measured Temp	0.146 @ 25.0			ohm-m	
Source Rmf / Rmc	PRESS			PRESS	
Rm @ BHT	0.036 @ 111.0			ohm-m	
Time Since Circulation	30 HRS				
Max Recorded Temp	111.00			deg C	
Equipment Name	COMPACT				
Equipment / Base	1			SALE	
Recorded By	G. McManus, R. Tench			S. Mooney, B. Arnold	
Witnessed By	E.Espiritu				
Circ. Stopped	23:15 15-AUG				

BOREHOLE RECORD				
Bit Size inches	Depth From metres		Depth To metres	
8.500	1500.00		2800.00	
6.000	2800.00		3660.00	
CASING RECORD				
Type	Size inches	Depth From metres	Shoe Depth metres	Weight pounds/ft
K55 BTC	10.750	0.00	1256.00	40.50
	7.625	1256.00	2896.00	27.00
REMARKS				
DRILLING RIG: NABORS (ISDL) 453.				
REEVES COMPACT TOOLS RAN WITH 3½" WELL SHUTTLE.				
MAX DEVIATION: 43.3° @ 3283 m.				
GRONINGEN LATEROLOG PRESENTED WITH ORIGINAL LOGGING CONSTANT.				
ENHANCED MODEL PROCESSING USED FOR INDUCTION DATA (NOT PRESENTED).				
REEVES CREW: R.TENCH, G.MCMANUS, S.MOONEY AND BILL ARNOLD				

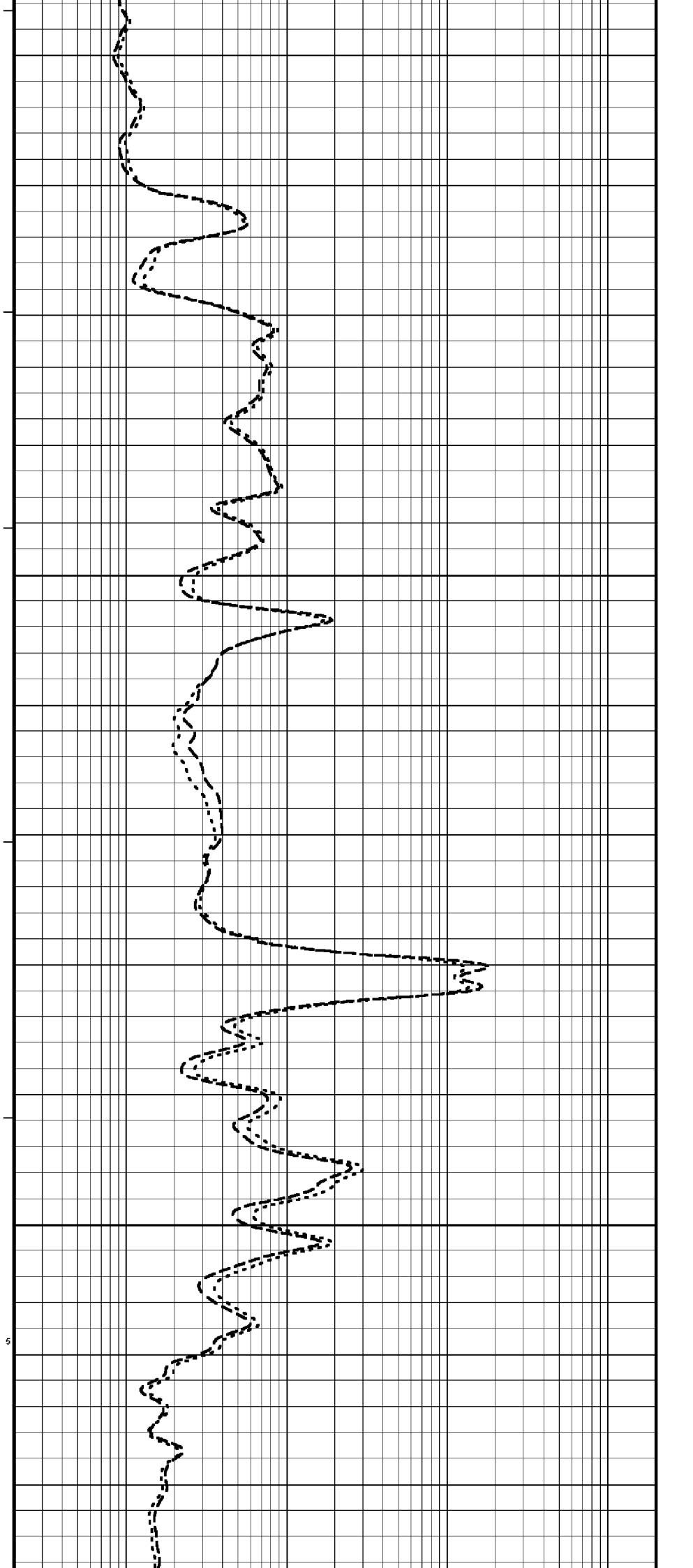
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, 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.



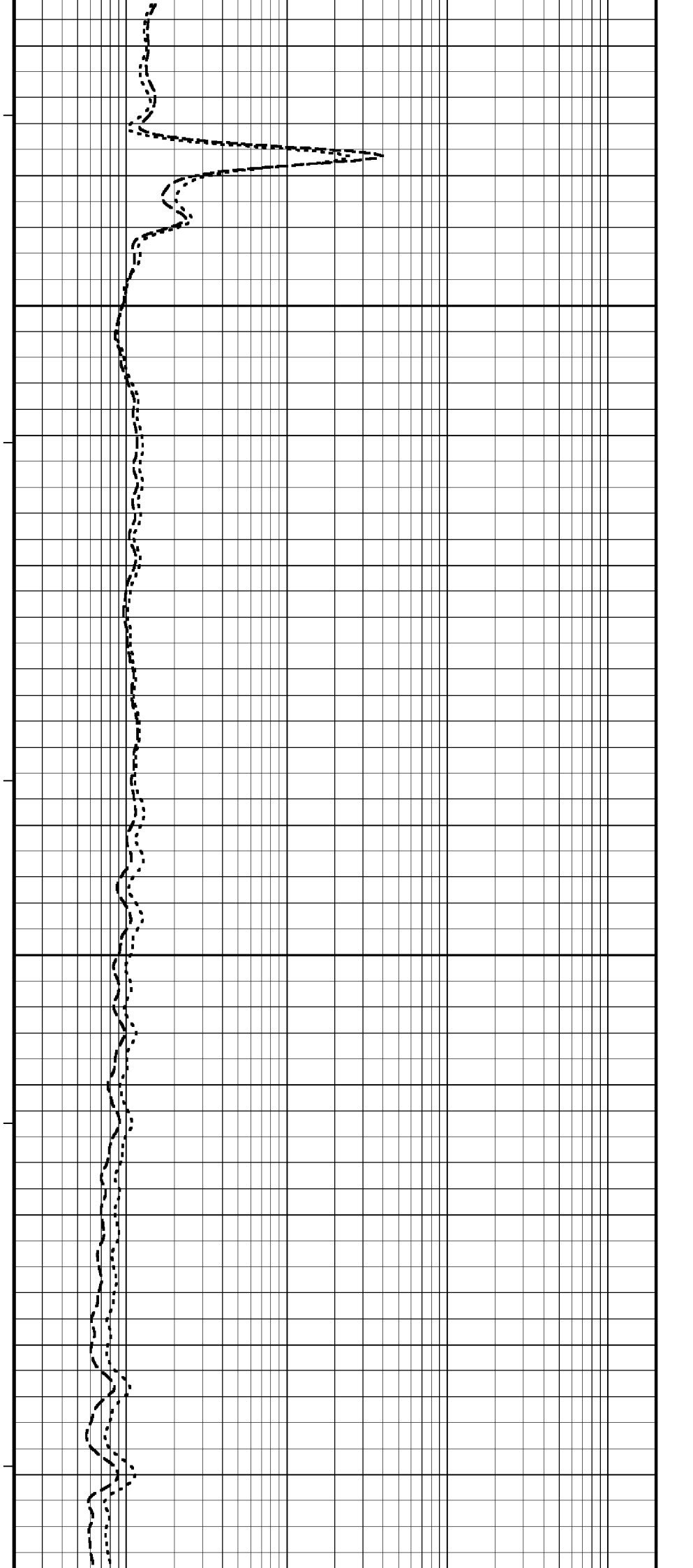
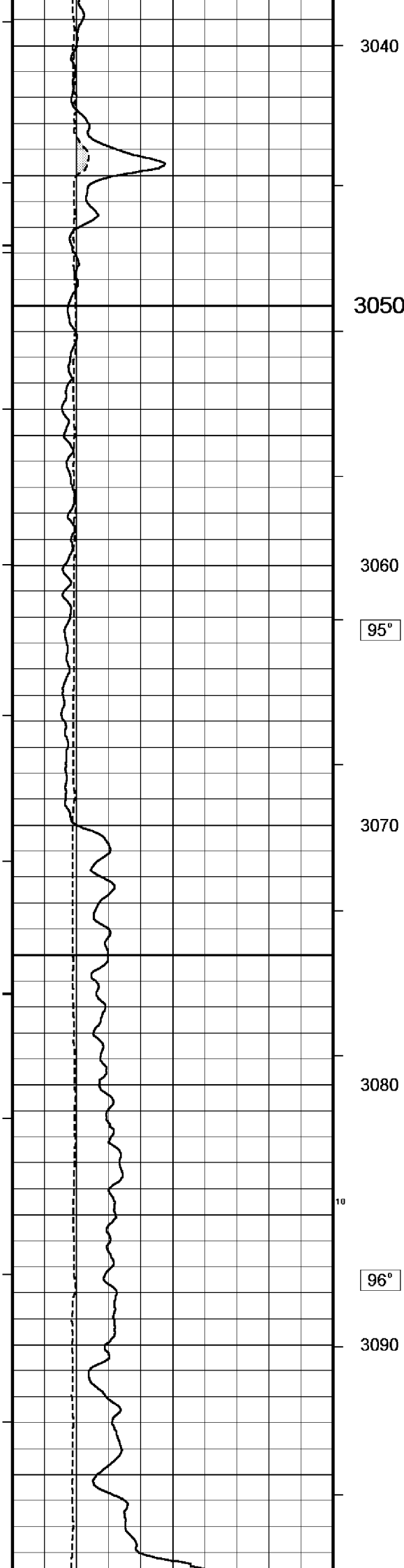


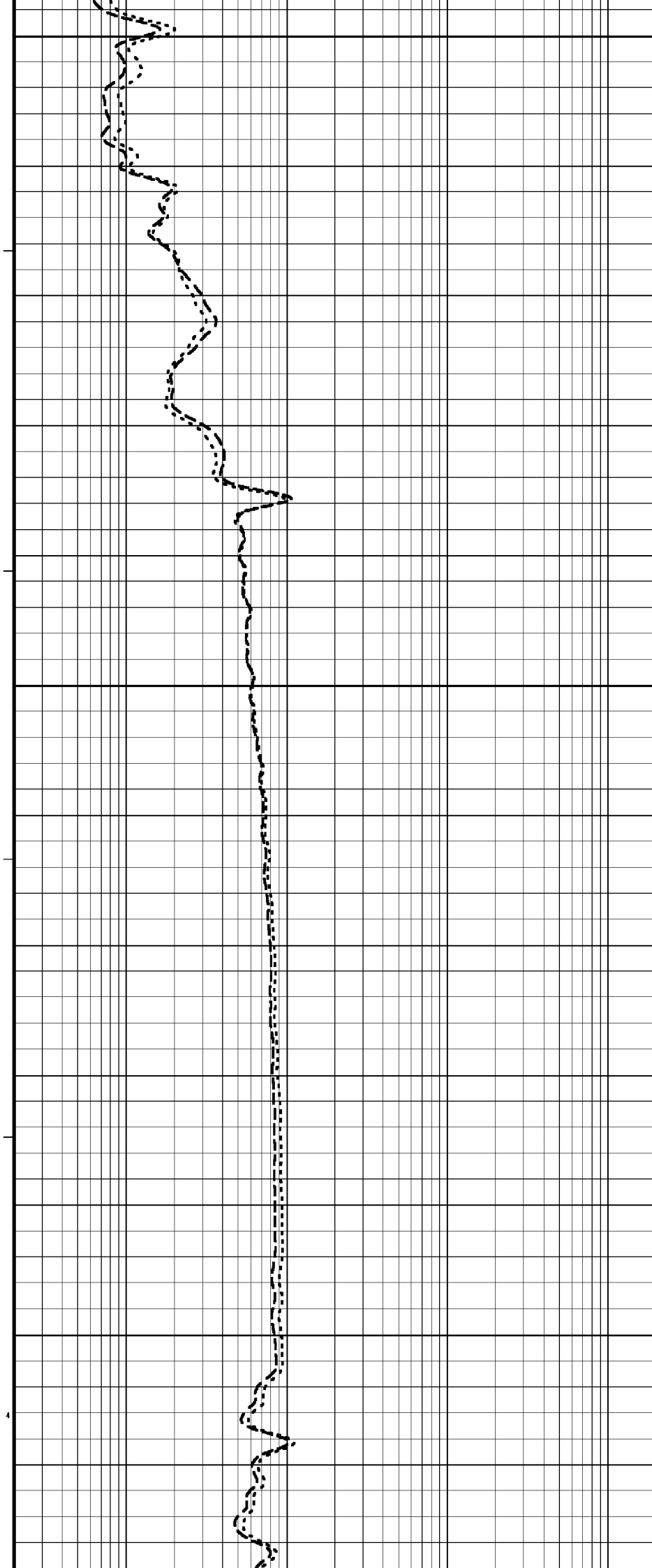
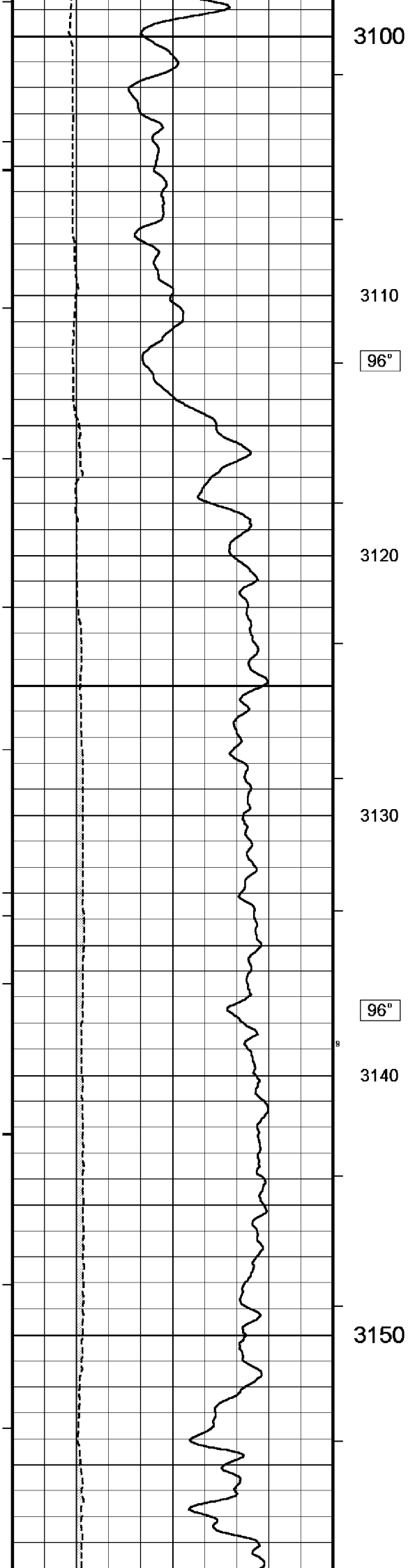


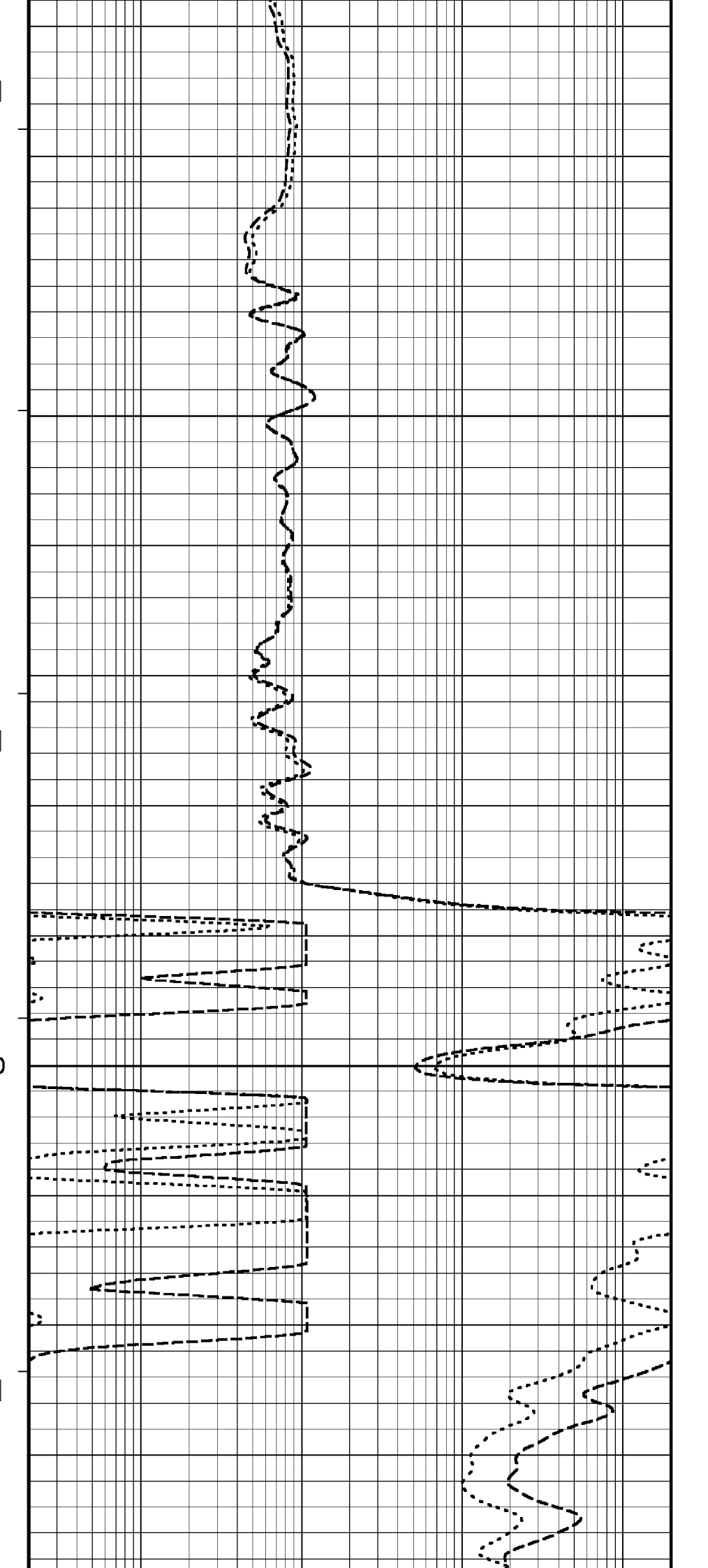
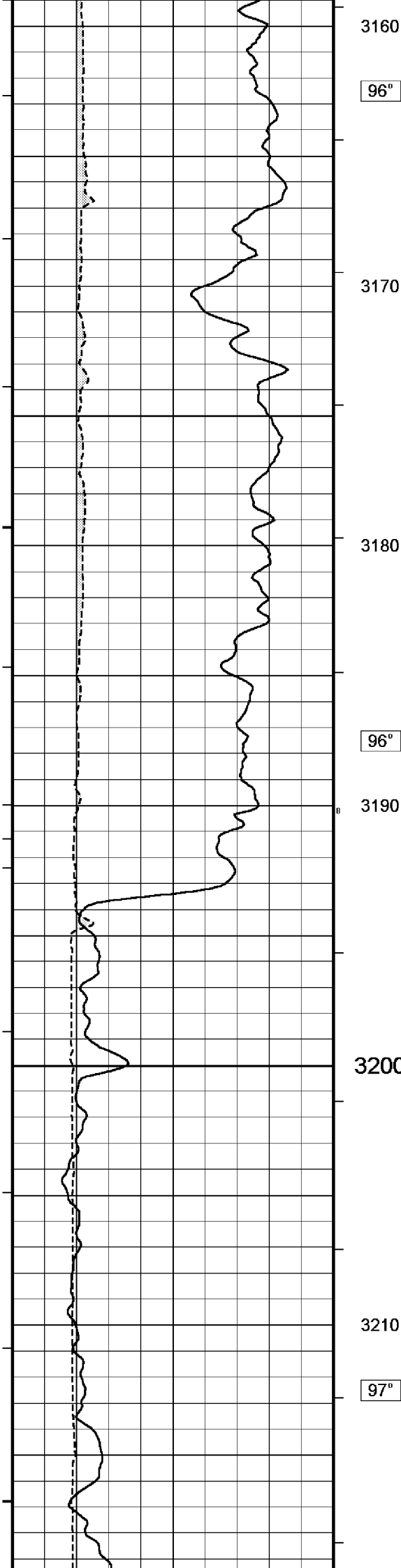
12
2980
93°
2990
3000
3010
94°
3020
3030
11

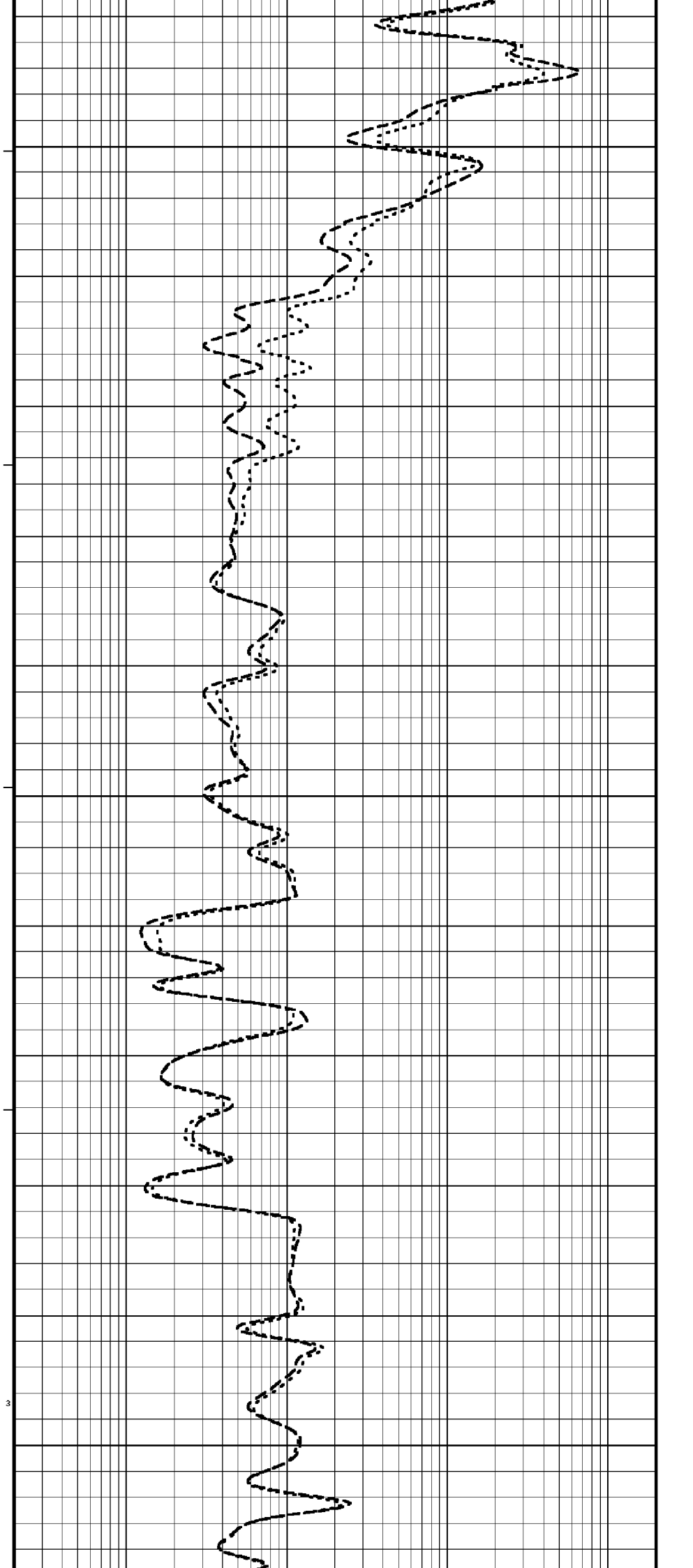
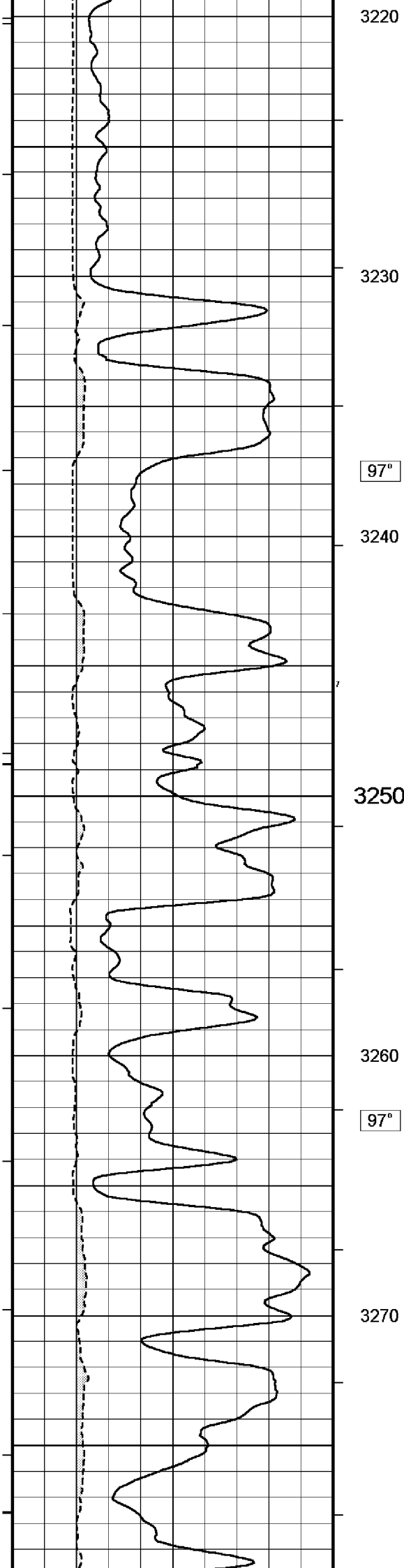


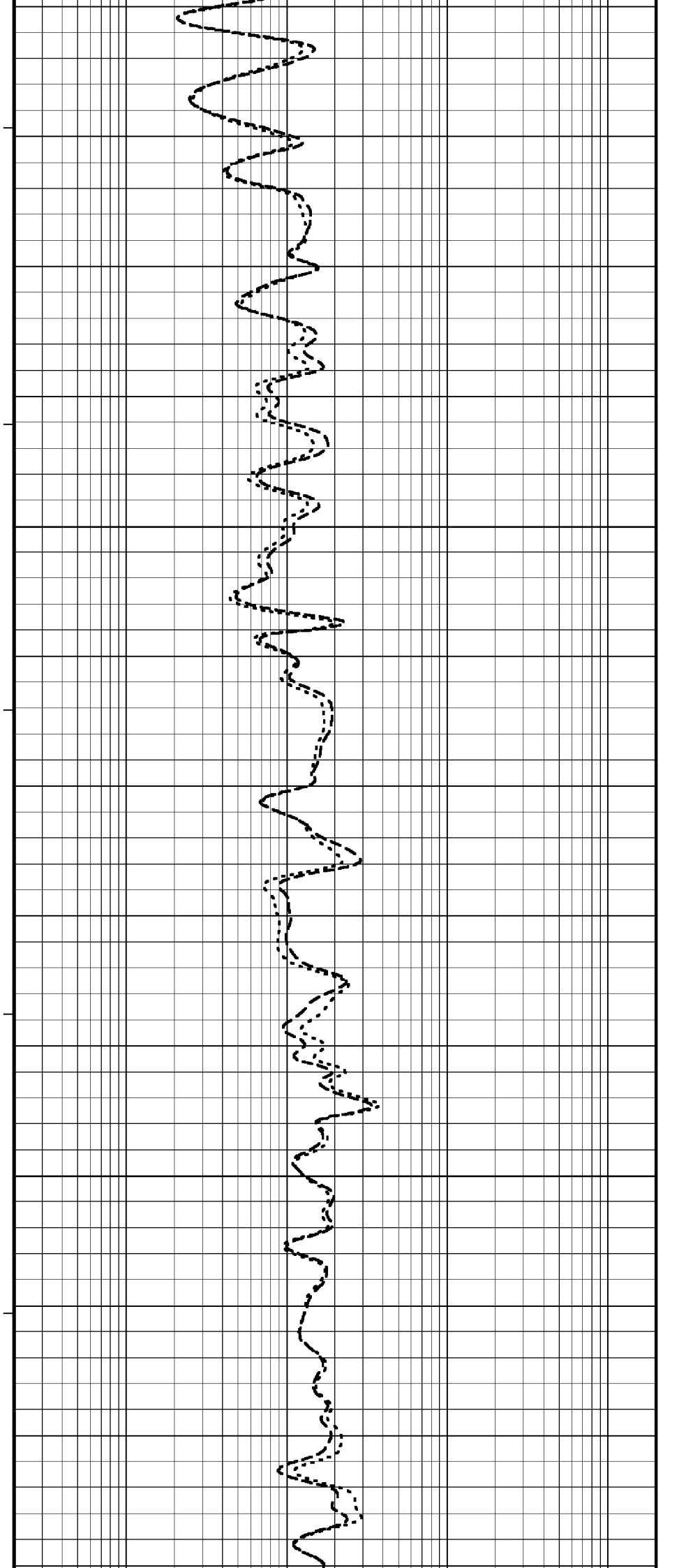
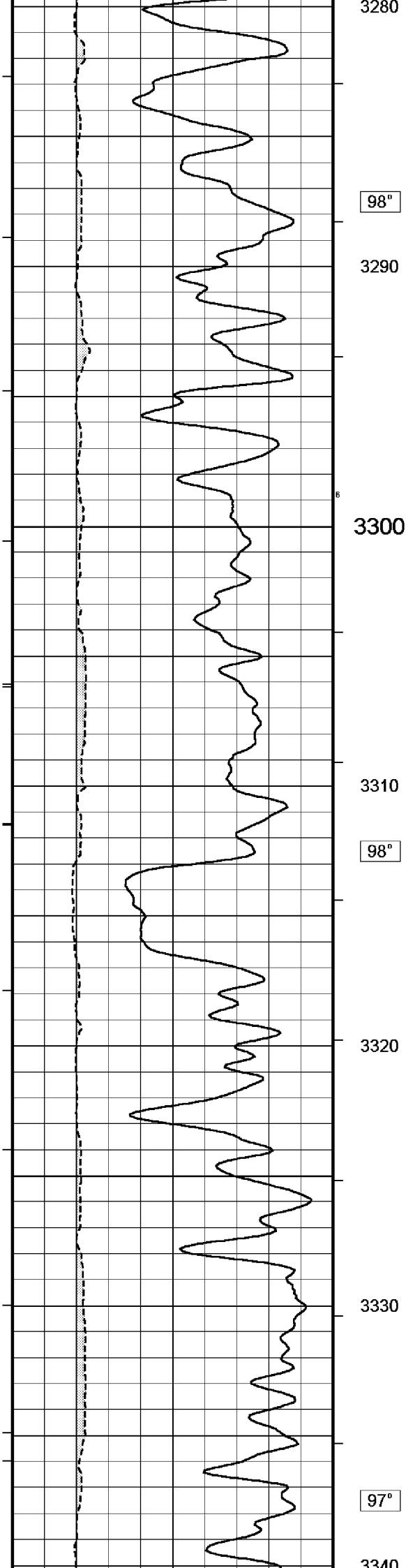
5
2980
2990
3000
3010
3020
3030
94°

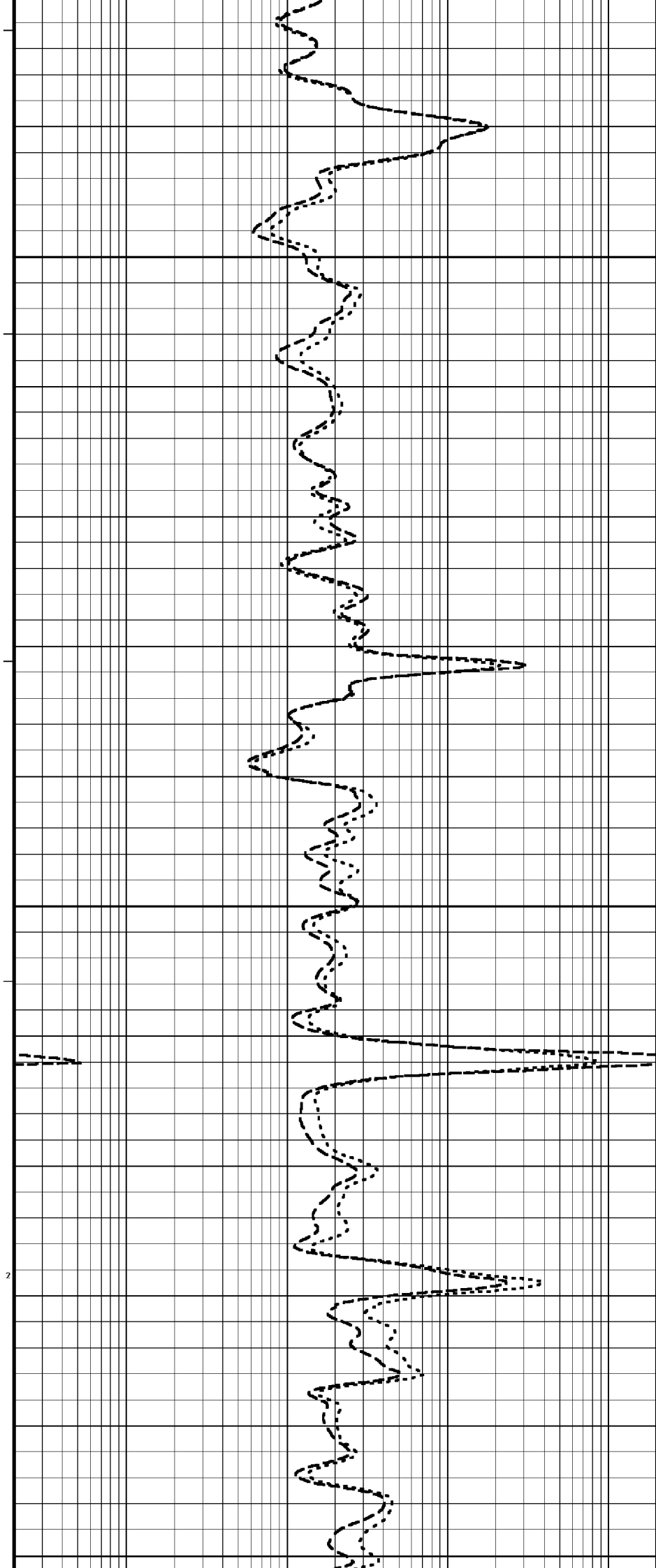
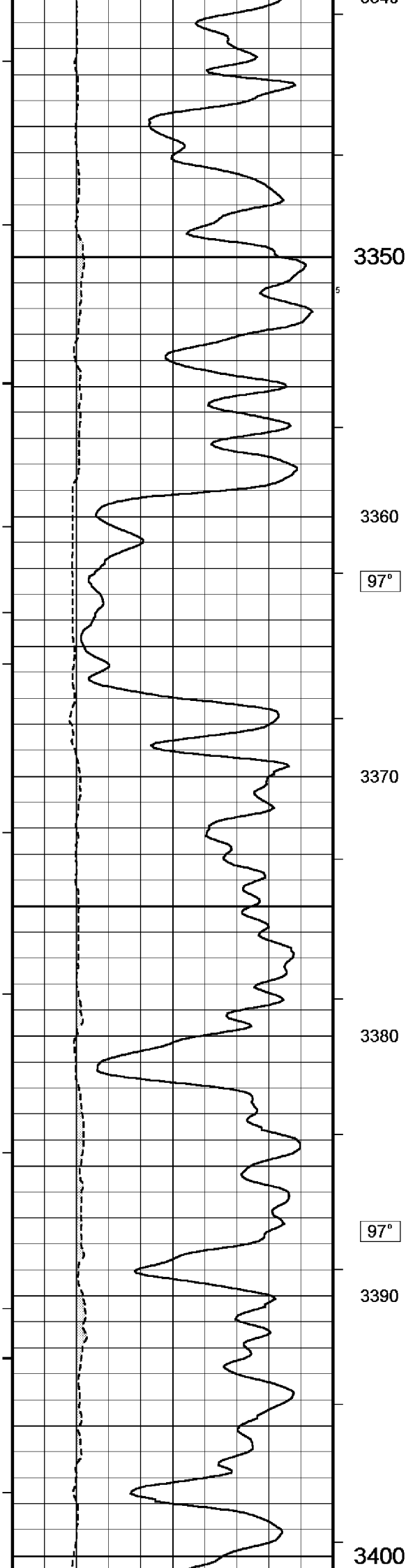


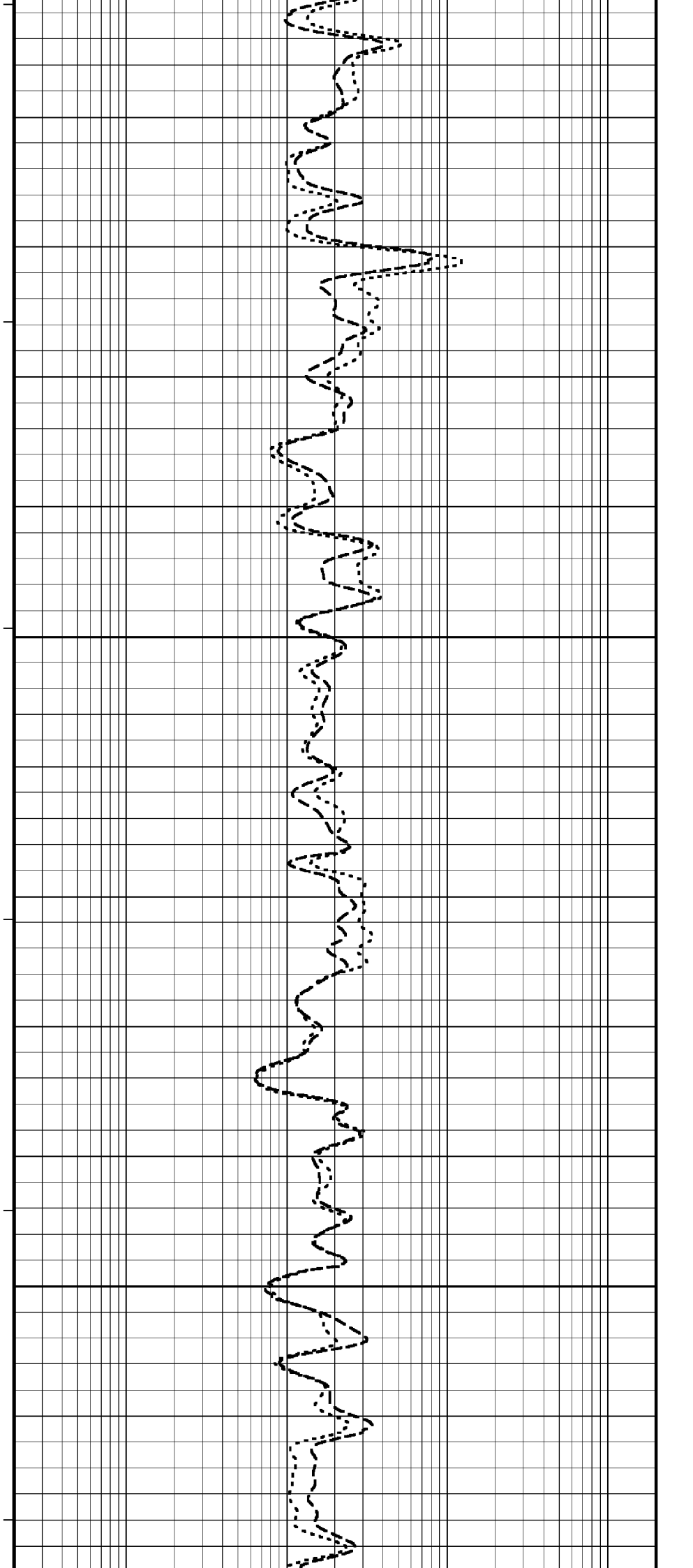
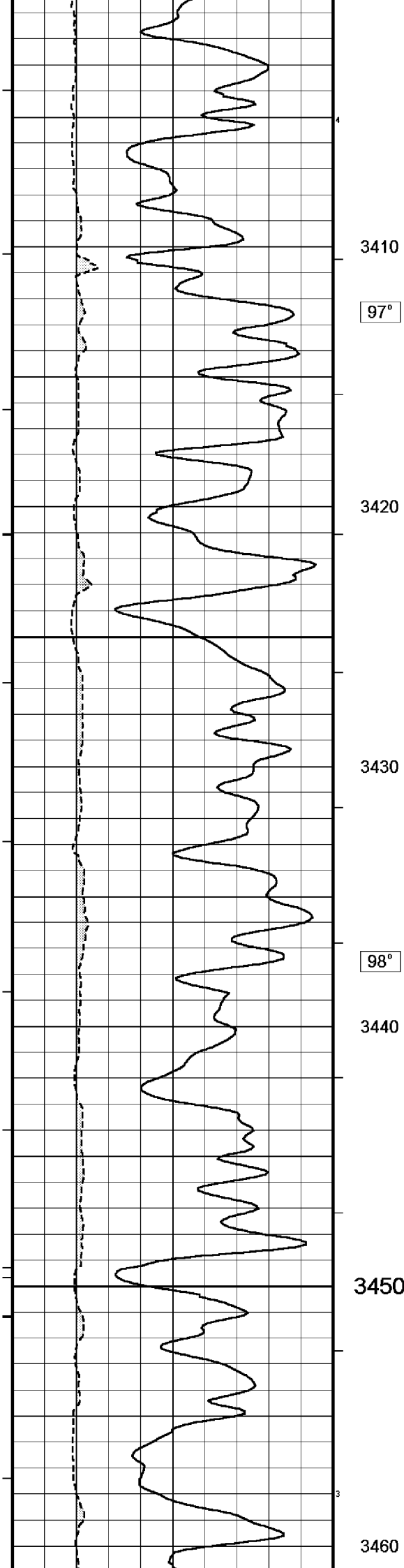


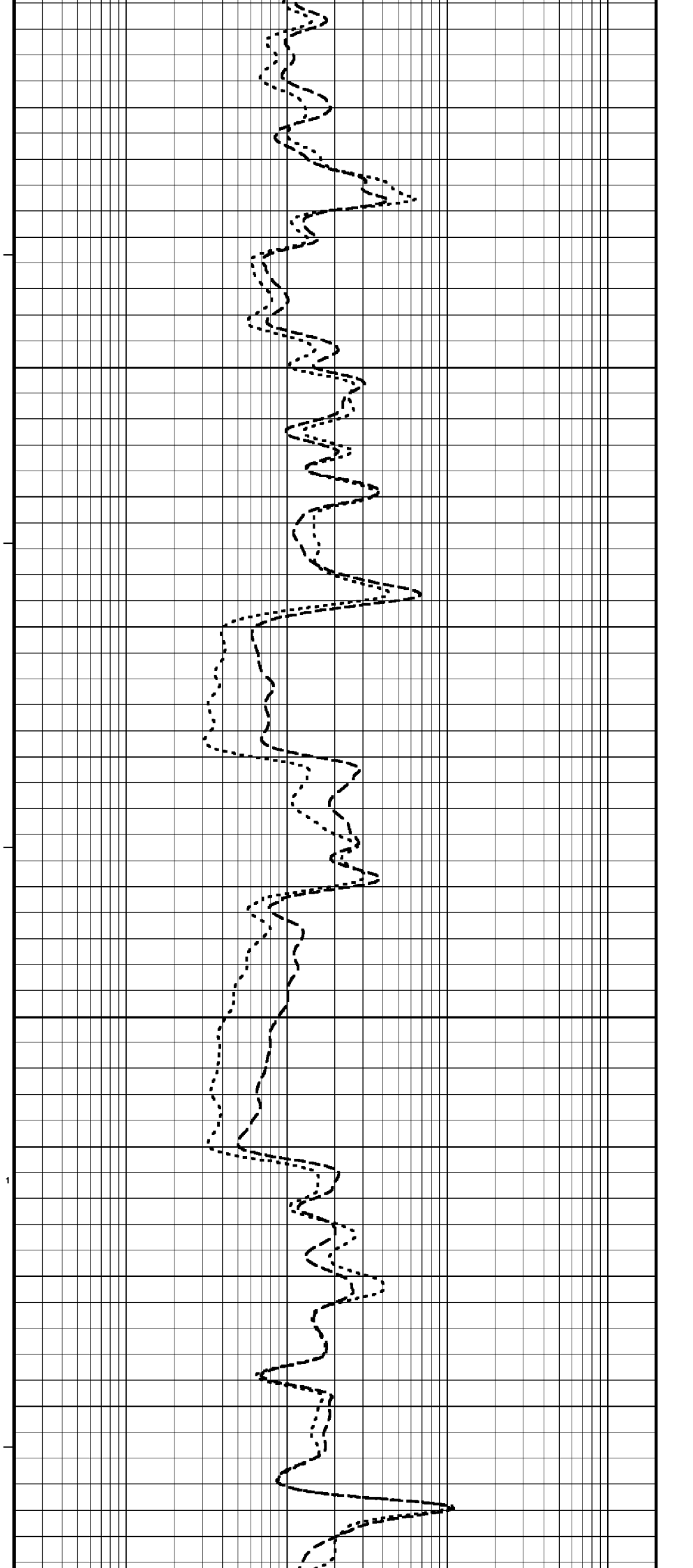
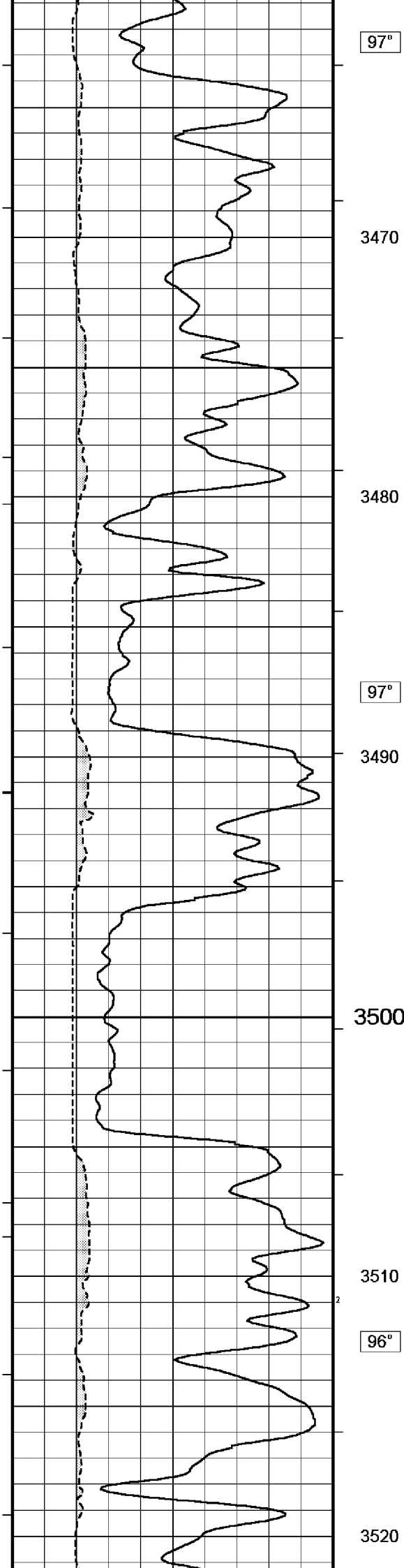


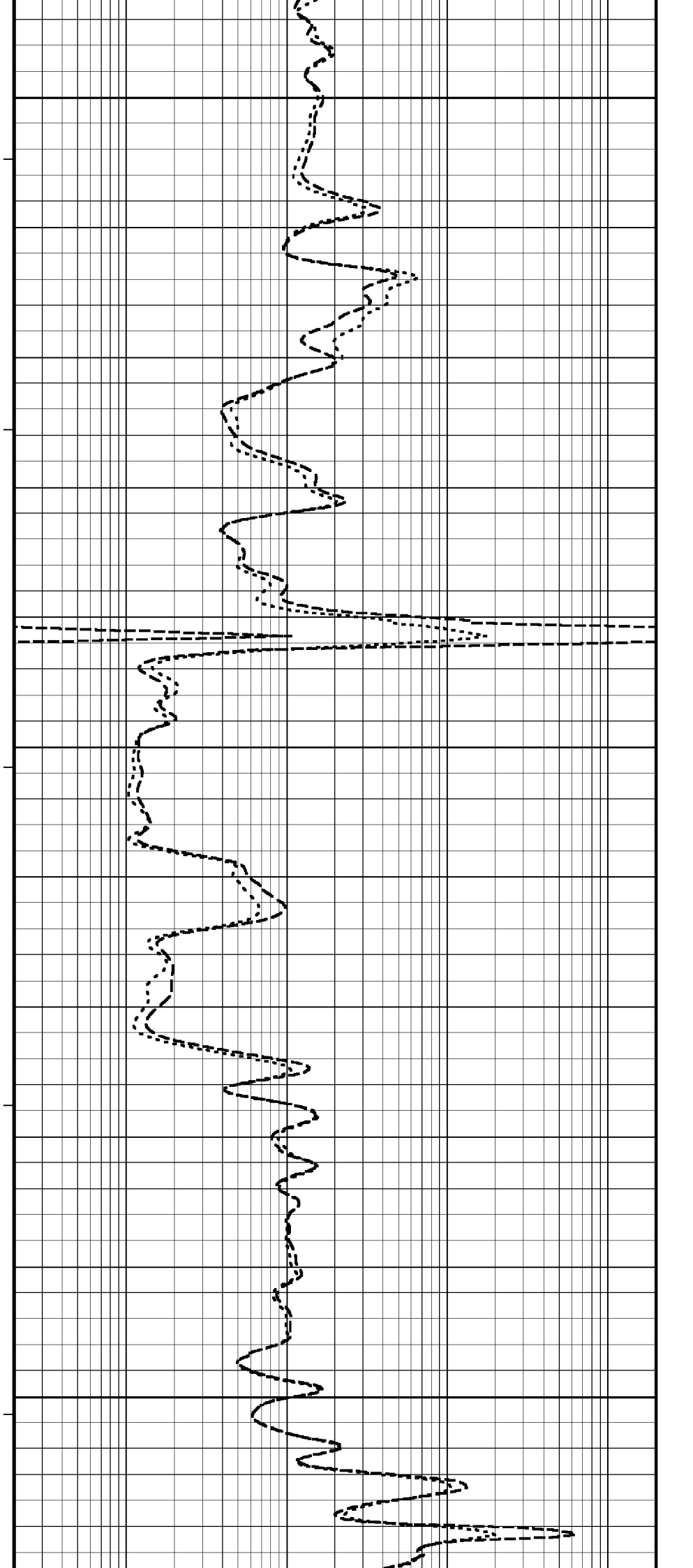
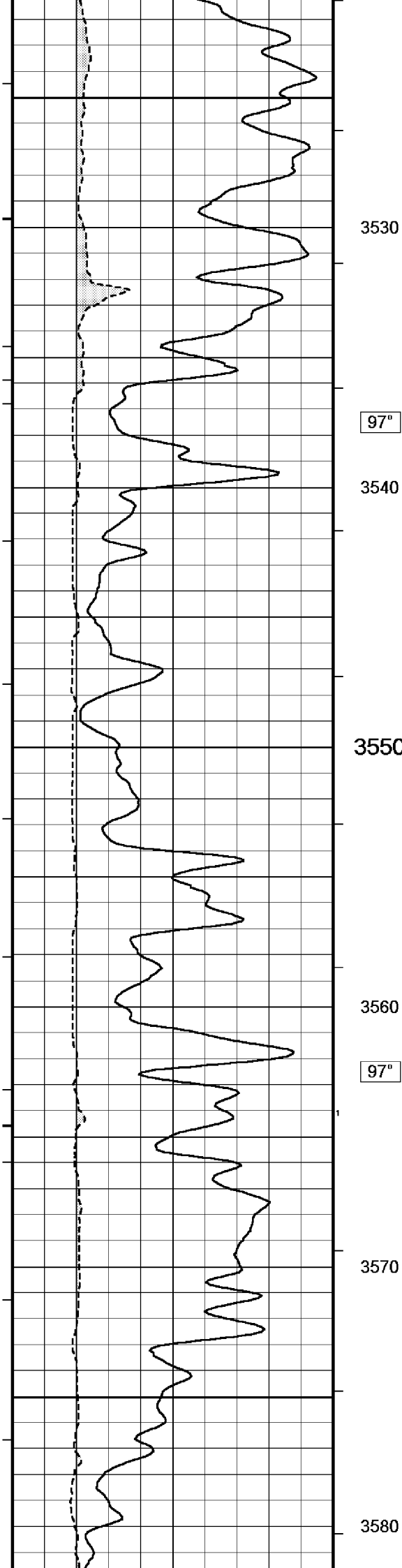


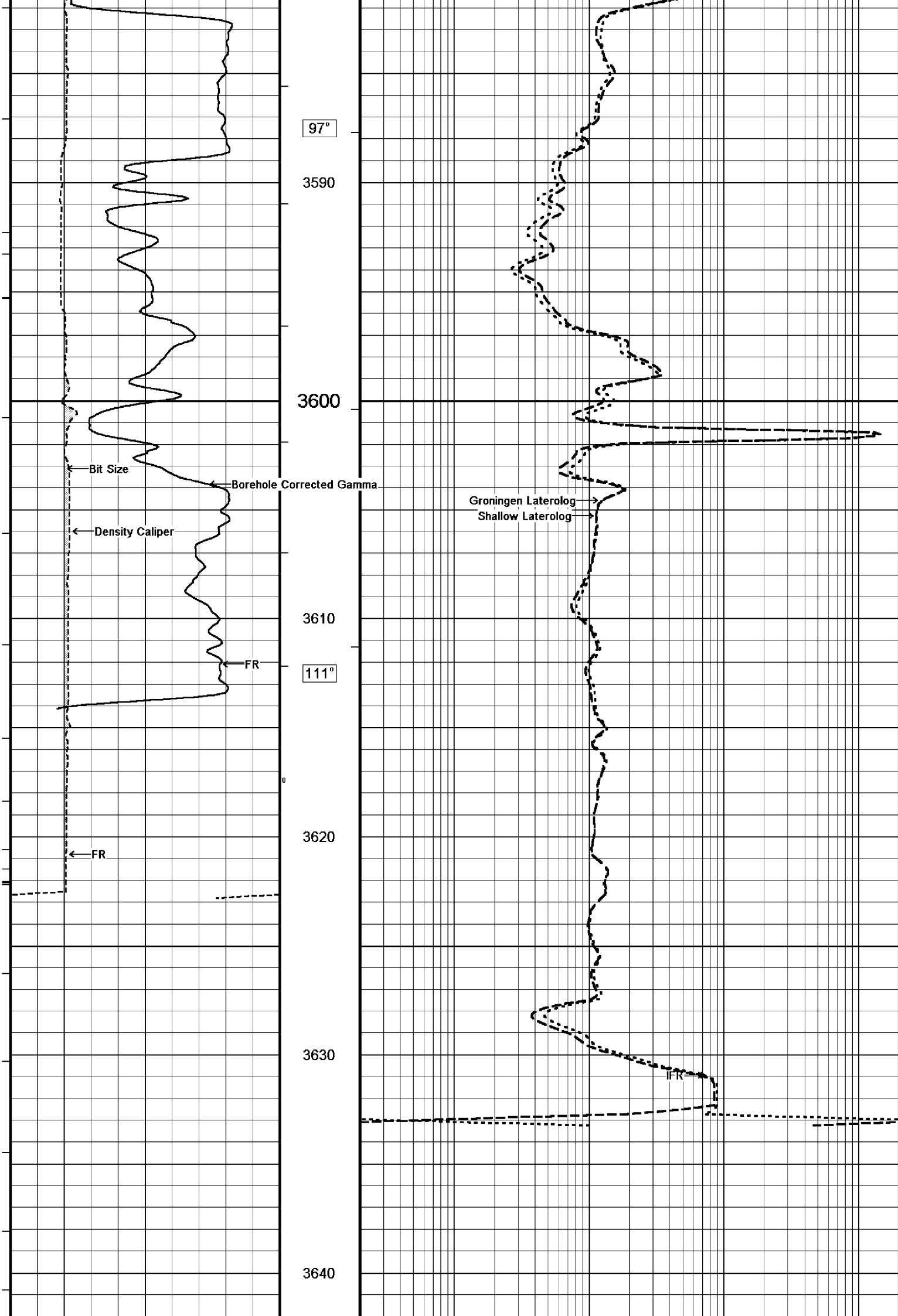


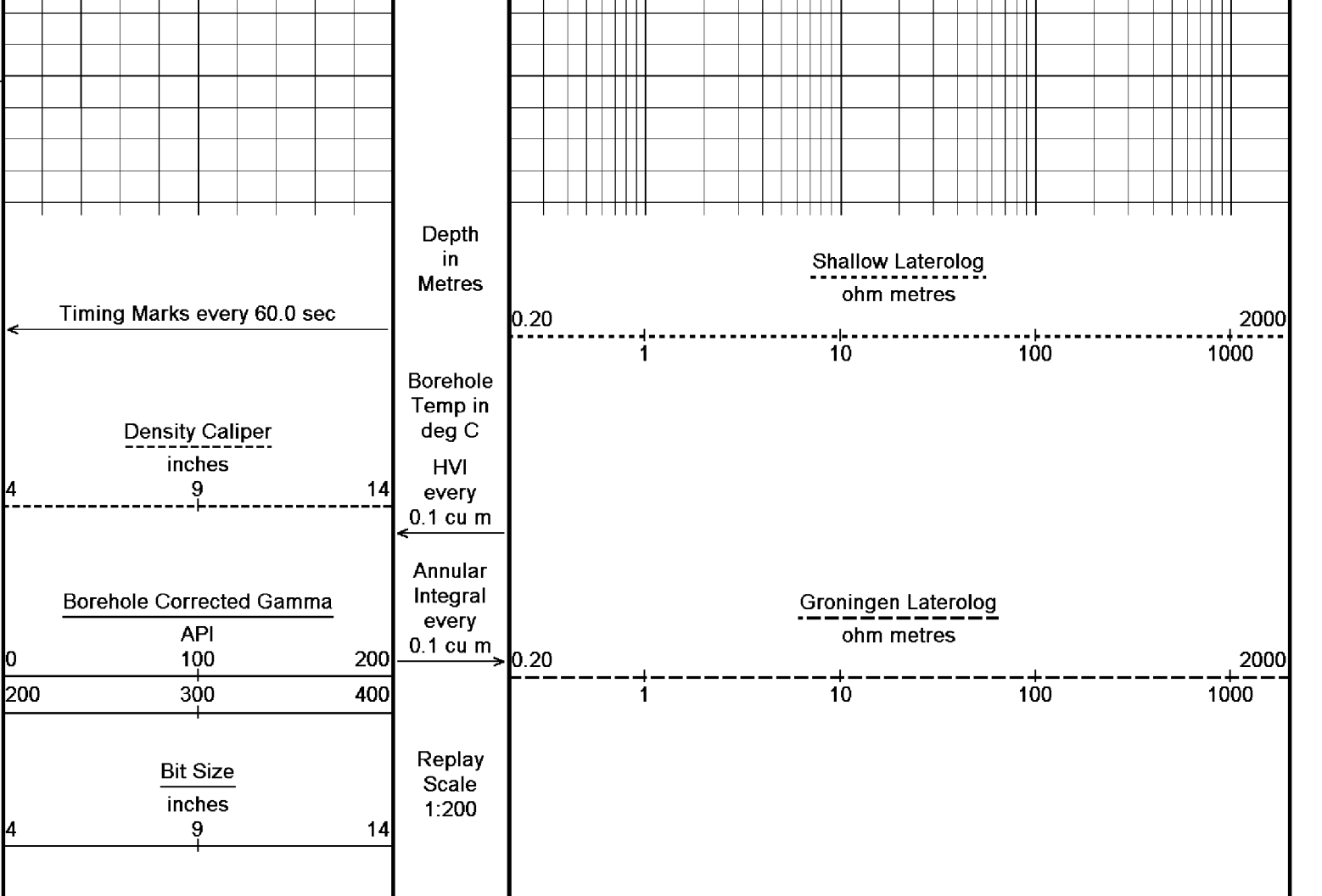












Depth Based Data - Maximum Sampling Increment: 10.0cm
Filename: C:\Fla_a17a\B & W Finals\Fla_A17a_Main_log_MDL.dta
System Configuration Dates: Logged 23-OCT-2002: Processed 23-OCT-2002: Plotted 23-OCT-2002:
Plotted on 23-OCT-2003 11:02
Recorded on 17-AUG-2003 18:09

MAIN LOG 1:200

BEFORE SURVEY CALIBRATION			
C:\Fla_a17a\B & W Finals\Fla_A17a_Main_log_MDL.dta			
General Constants All 000			
General Parameters			
Mud Resistivity	0.10	ohm-metres	
Mud Resistivity Temperature	25.00	degrees C	
Water Level	0.00	metres	
Density/Neutron Processing	Wet Hole		
Hole/Annular Volume and Differential Caliper Parameters			
HVOL Caliper 1	Density Caliper		
HVOL Caliper 2	Density Caliper		
Annular Volume Diameter	4.50	inches	
Caliper for Differential Caliper	Density Caliper		
Rwa Parameters			
Porosity used	Base Density Porosity		
Resistivity used	Deep Laterolog		
RWA Constant A	0.61		
RWA Constant M	2.15		
High Resolution Temperature Calibration MCG 043			
			Field Calibration on 9-AUG-2002,07:03
	Measured	Calibrated(Deg C)	
Lower	20.50	20.00	
Upper	51.00	50.00	
High Resolution Temperature Constants MCG 043			
Pre-filter Length	11		
Gamma Calibration MCG 043			

	Measured	Calibrated (API)
--	----------	------------------

Background	16	11
Calibrator (Gross)	1419	920
Calibrator (Net)	1403	909

Gamma Constants MCG 043

Gamma Calibrator Number	60	
Mud Density	1.15	gm/cc
Caliper Source for Processing	Density Caliper	
Tool Position	Eccentred	
Concentration of KCl	0.00	kppm

Caliper Calibration MPD 066

Base Calibration on 22-OCT-2003,14:18

Field Calibration on 22-OCT-2003,14:18

Base Calibration

Reading No	Measured	Calibrator Size (in)
1	12128	4.58
2	20304	6.56
3	28752	8.56
4	37248	10.52
5	46672	12.58
6	N/A	N/A

Field Calibration

Measured Caliper (in)	Actual Caliper (in)
6.00	6.00

Laterolog Calibration MLE 005

Base Calibration on 6-MAY-2003 14:51

Field Check on 15-AUG-2003,18:58

Base Calibration

Channel	Resistor 1	Measured		Calibrated (ohm-m)	
		Resistor 2	Resistor 1	Resistor 2	
Shallow	0.0	981.5	0.0	1327.3	
Deep	0.0	980.6	0.0	852.7	
Groningen	0.0	981.8	0.0	852.7	

Channel	Base Check (ohm-m)	Field Check (ohm-m)
Shallow	48.6	48.6
Deep	31.3	31.3
Groningen	249.9	249.9

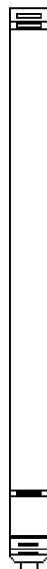
Laterolog Constants MLE 005

Squasher Start	40000	ohm-m
Shallow Laterolog K Factor	1.3273	
Deep Laterolog K Factor	0.8527	
Groningen Laterolog K Factor	0.8527	
Interference Rejection	50 Hz	
SP Connection	SP Bridle Electrode	
Groningen Connection	Groningen Electrode	

DOWNHOLE EQUIPMENT

All measurements relative to tool zero.

Compact Battery Sub.
MBS 99 Length: 4.34 m Weight: 44.09 lb



Compact Knuckle Joint
SKJ 110 Length: 0.66 m Weight: 24.25 lb

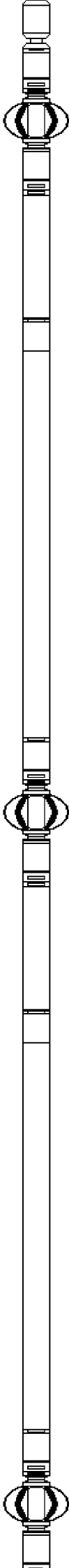
Compact Inline Standoff B
MIS 135 Length: 0.65 m Weight: 15.43 lb

Compact Stiff Bridle Electrode Sub.
MBE 18 Length: 3.76 m Weight: 94.80 lb

Compact Inline Standoff B
MIS 136 Length: 0.65 m Weight: 15.43 lb

Compact Stiff Bridle Electrode Sub.
MBE 17 Length: 3.76 m Weight: 94.80 lb

Compact Inline Standoff B
MIS 132 Length: 0.65 m Weight: 15.43 lb



Compact Knuckle Joint
SKJ 102 Length: 0.66 m Weight: 24.25 lb

Compact Gamma
MCG 43 Length: 2.65 m Weight: 63.93 lb

32.22 m GRGC - Gamma Ray

31.33 m CGXT - MCG External Temperature

Compact Memory Sub.
MMS 24 Length: 0.95 m Weight: 22.05 lb

Compact Knuckle Joint
SKJ 46 Length: 0.66 m Weight: 24.25 lb

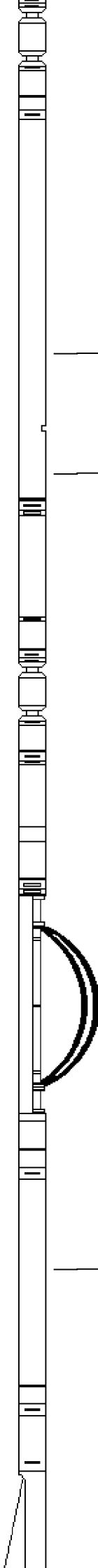
Compact Swivel Head Adaptor
SHA 27 Length: 0.83 m Weight: 26.46 lb

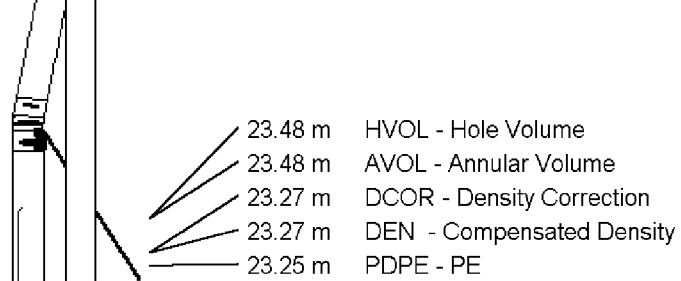
Compact Inline Bowspring A
MIS 24 Length: 1.74 m Weight: 33.07 lb

Compact Neutron
MDN 42 Length: 1.53 m Weight: 50.71 lb

26.17 m NPRL - Limestone Neutron Por.

Compact Density/Caliper
MPD 66 Length: 2.92 m Weight: 90.39 lb





Compact Inline Bowspring A
MIS 25 Length: 1.74 m Weight: 33.07 lb

Compact Swivel Head Adaptor
SHA 28 Length: 0.83 m Weight: 26.46 lb

Compact Knuckle Joint
SKJ 45 Length: 0.66 m Weight: 24.25 lb

Compact Inline Standoff B
MIS 31 Length: 0.65 m Weight: 15.43 lb

Compact Upper Guard Sub.
MUG 16 Length: 2.74 m Weight: 68.34 lb

Compact Inline Standoff B
MIS 73 Length: 0.65 m Weight: 15.43 lb

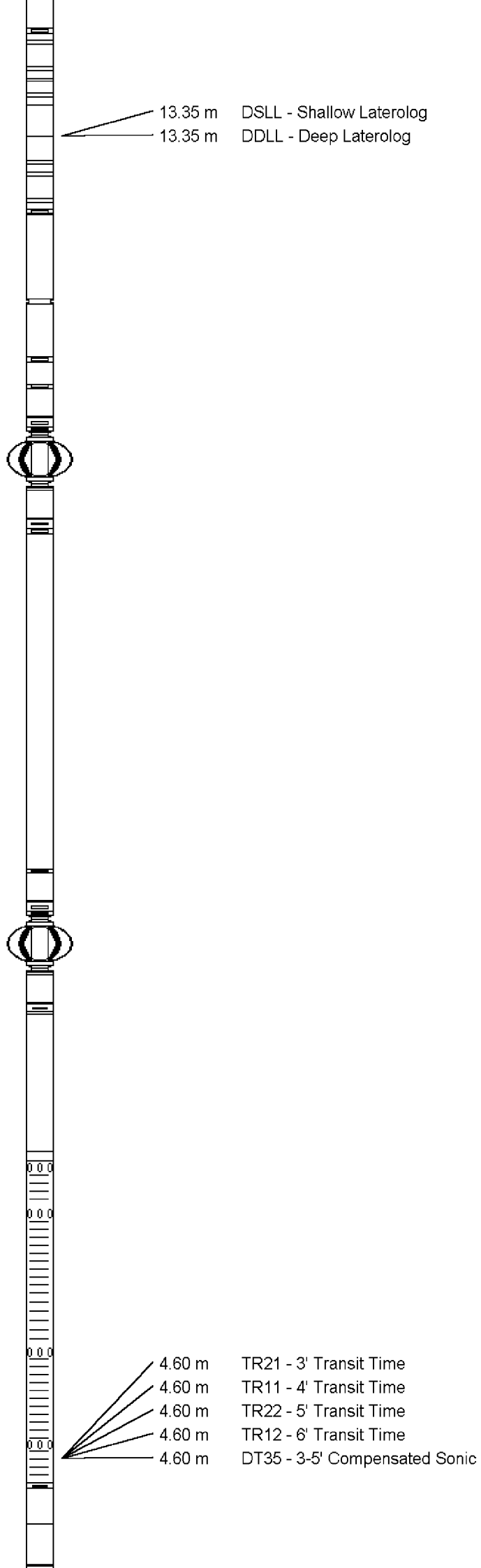
Compact Laterolog Electrode Sub.
MLE 5 Length: 3.76 m Weight: 92.59 lb

Compact Inline Standoff B
MIS 30 Length: 0.65 m Weight: 15.43 lb

Compact Lower Guard Sub.
MLG 9 Length: 2.44 m Weight: 55.12 lb

Compact Inline Standoff B
MIS 130 Length: 0.65 m Weight: 15.43 lb

Compact Sonic
MSS 47 Length: 3.82 m Weight: 72.75 lb



Compact Inline Standoff B
MIS 128 Length: 0.65 m

Weight: 15.43 lb

Compact Induction
MAI 39 Length: 3.29 m

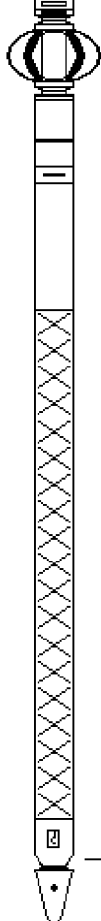
Weight: 48.50 lb

Pressure Bung + Hole Finder
HFS 3 Length: 0.28 m

Weight: 6.61 lb

Total Length: 49.23 m

Total Weight: 1144.20 lb



COMPANY	ESSO AUSTRALIA PTY. LTD.
WELL	FLOUNDER A-17a
FIELD	GIPPSLAND BASIN
PROVINCE/COUNTY	BASS STRAIT
COUNTRY/STATE	AUSTRALIA

Elevation Kelly Bushing	metres	First Reading	3639.70	metres	
Elevation Drill Floor	33.85	metres	Depth Driller	3660.00	metres
Elevation Ground Level	-93.00	metres	Depth Logger	3646.00	metres

Reeves

DUAL LATEROLOG - GR
1:200 MD