

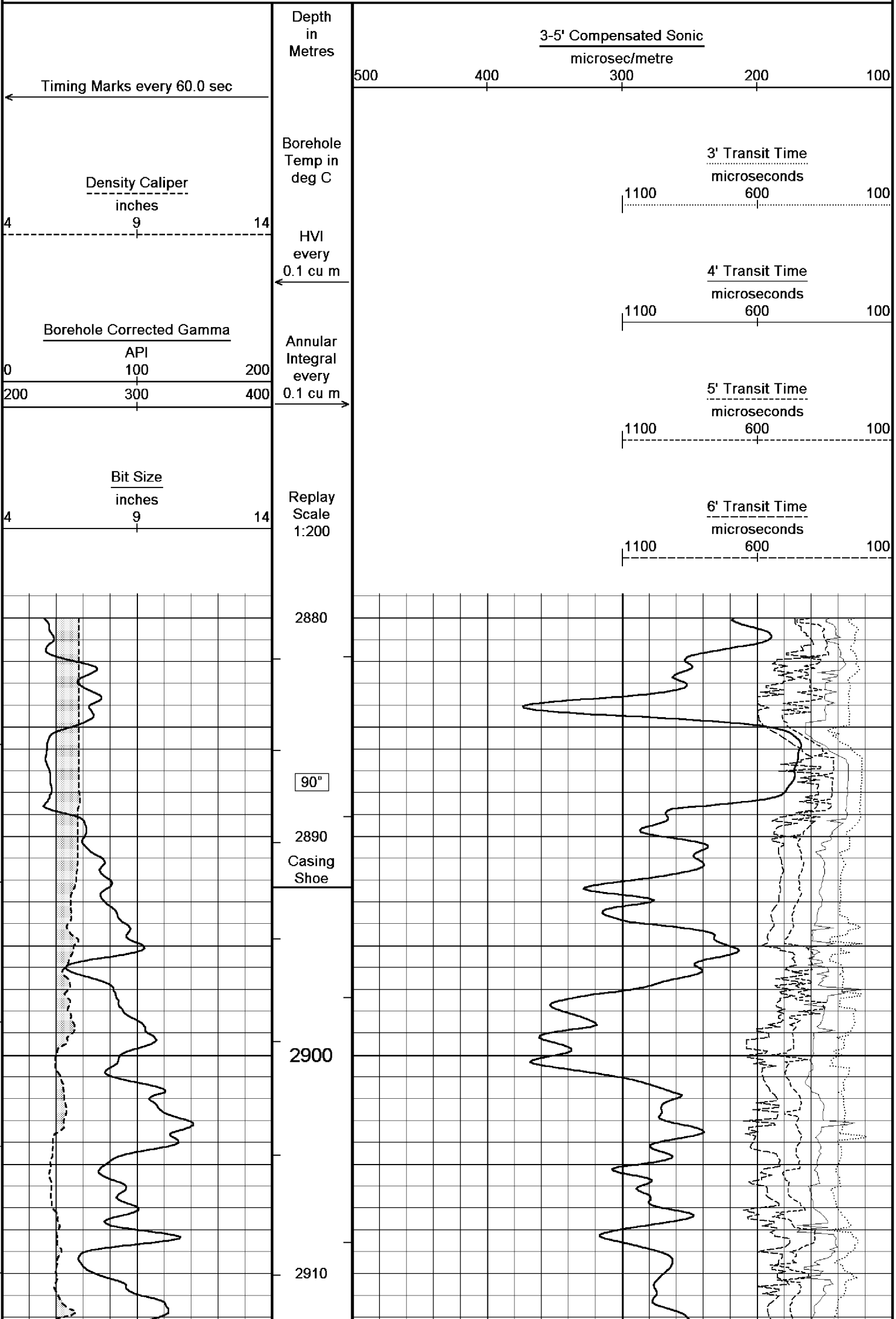
Reeves

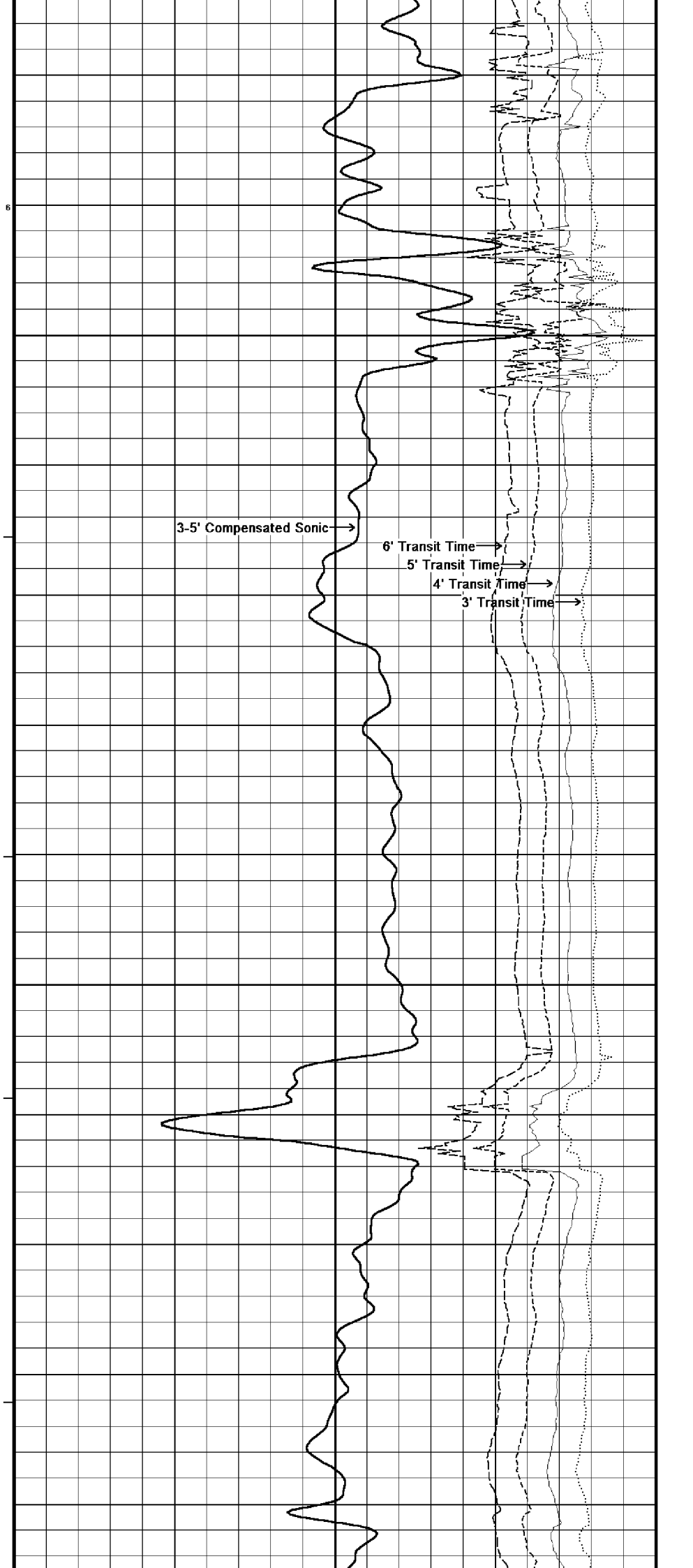
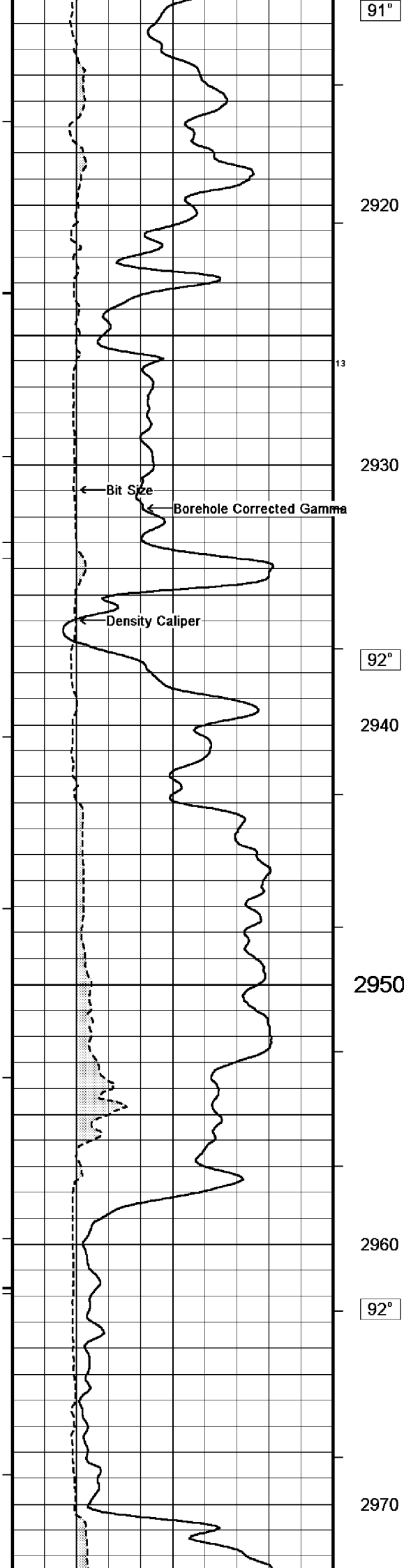
COMPENSATED SONIC 1:200 MD

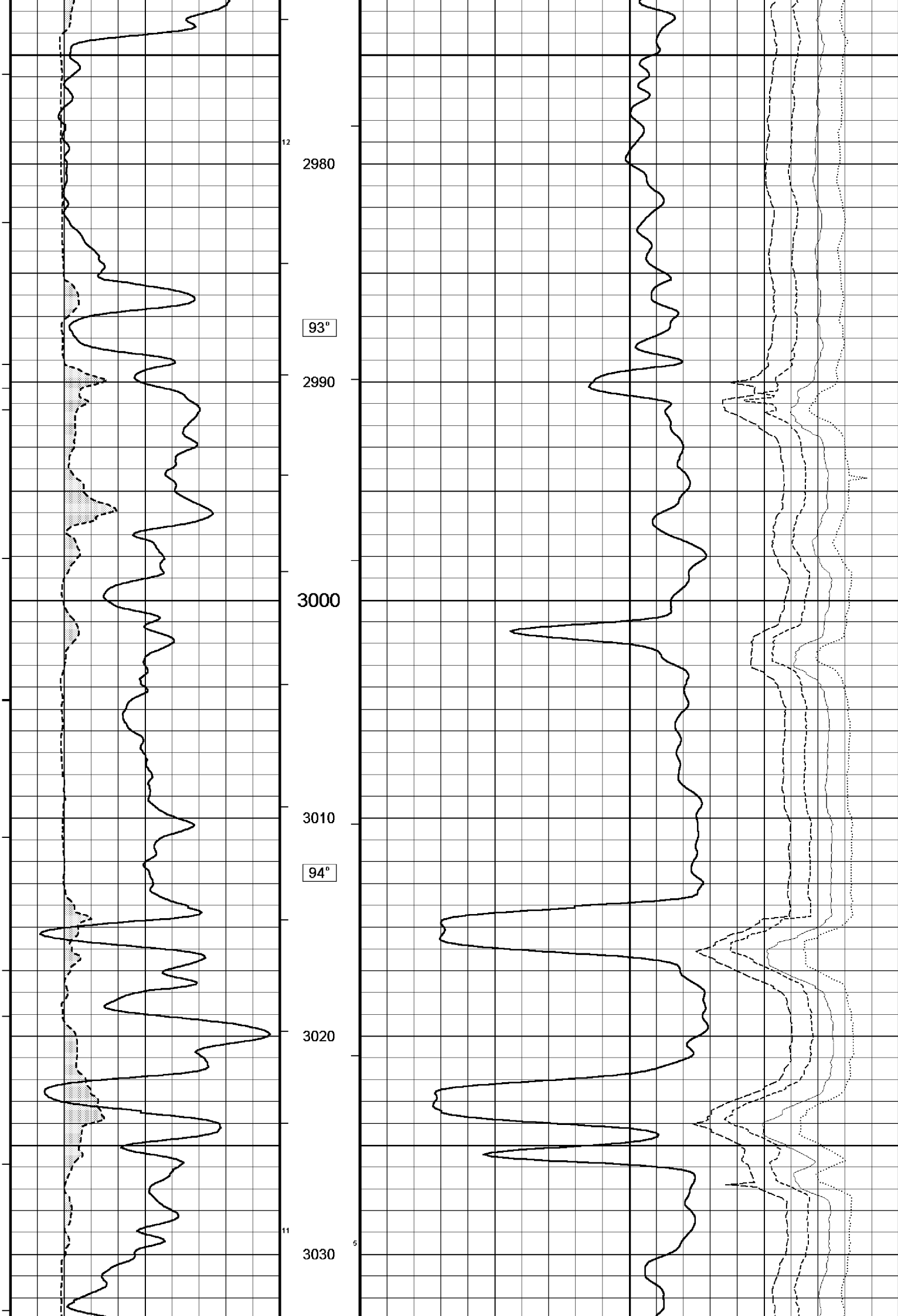
COMPANY	ESSO AUSTRALIA PTY. LTD.		
WELL	FLOUNDER A-17a		
FIELD	GIPPSLAND BASIN		
PROVINCE/COUNTY	BASS STRAIT		
COUNTRY/STATE	AUSTRALIA		
LOCATION	5758711.37 m N, 625853.66 m E 38°18'39.158" S, 148°26'22.270" E		
LSD	SEC	TWP	RGE
API Number	Other Services DUAL LATEROLOG PHOTO DENSITY COMPENSATED NEUTRON		
Permit Number			
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/PPH/PA/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		

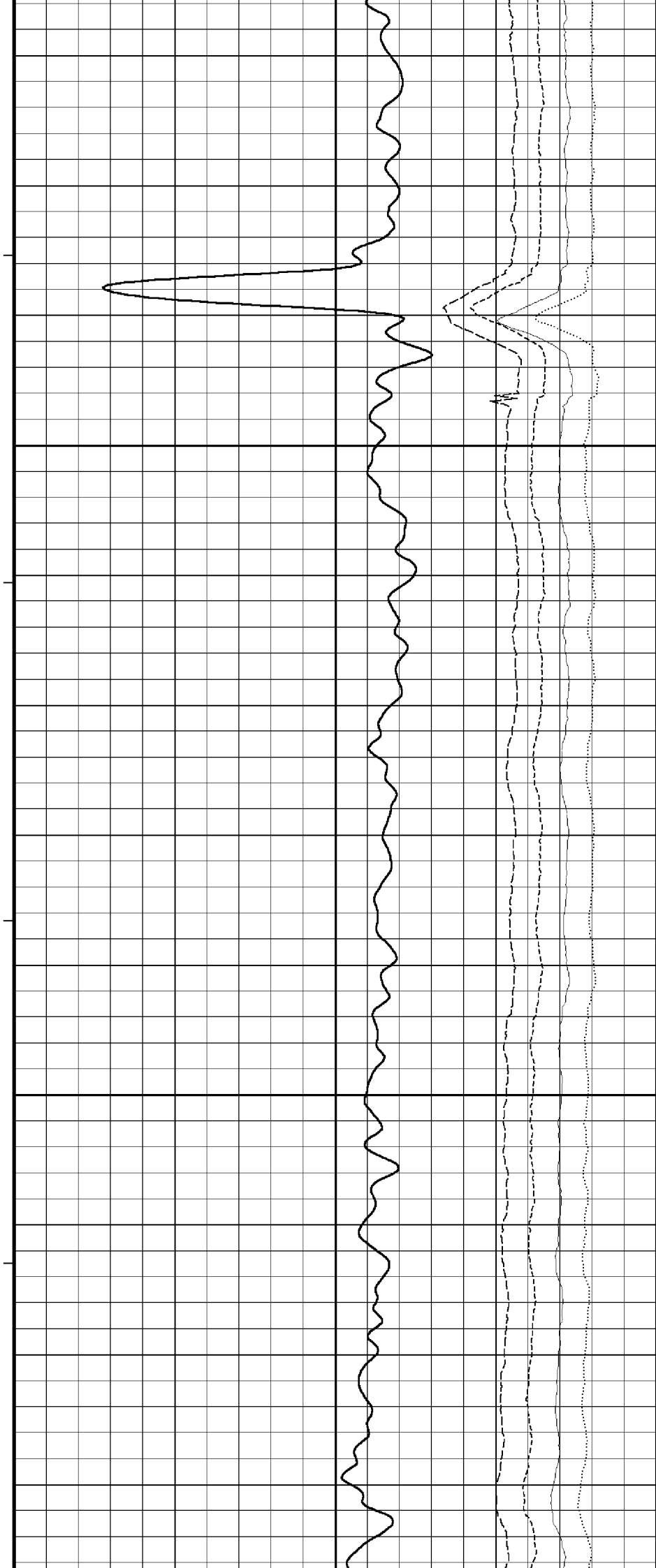
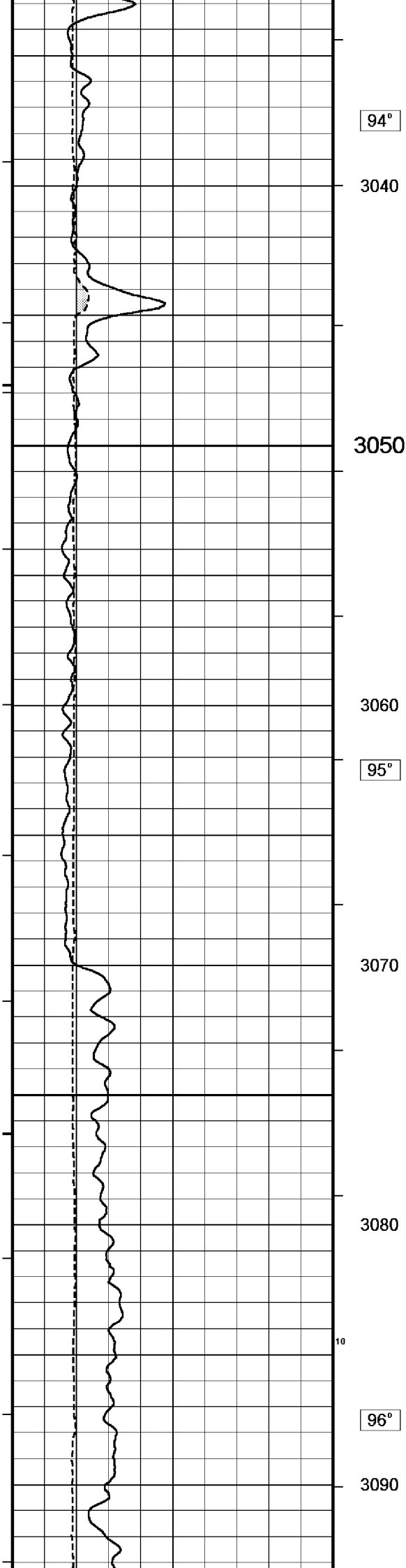
BOREHOLE RECORD				
Bit Size inches		Depth From metres		Depth To metres
8.500		1500.00		2800.00
6.000		2800.00		3660.00
CASING RECORD				
Type	Size inches	Depth From metres	Shoe Depth metres	Weight pounds/ft
K55 BTC	10.750	0.00	1256.00	40.50
	7.625	1256.00	2896.00	27.00
REMARKS				
DRILLING RIG: NABORS (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				

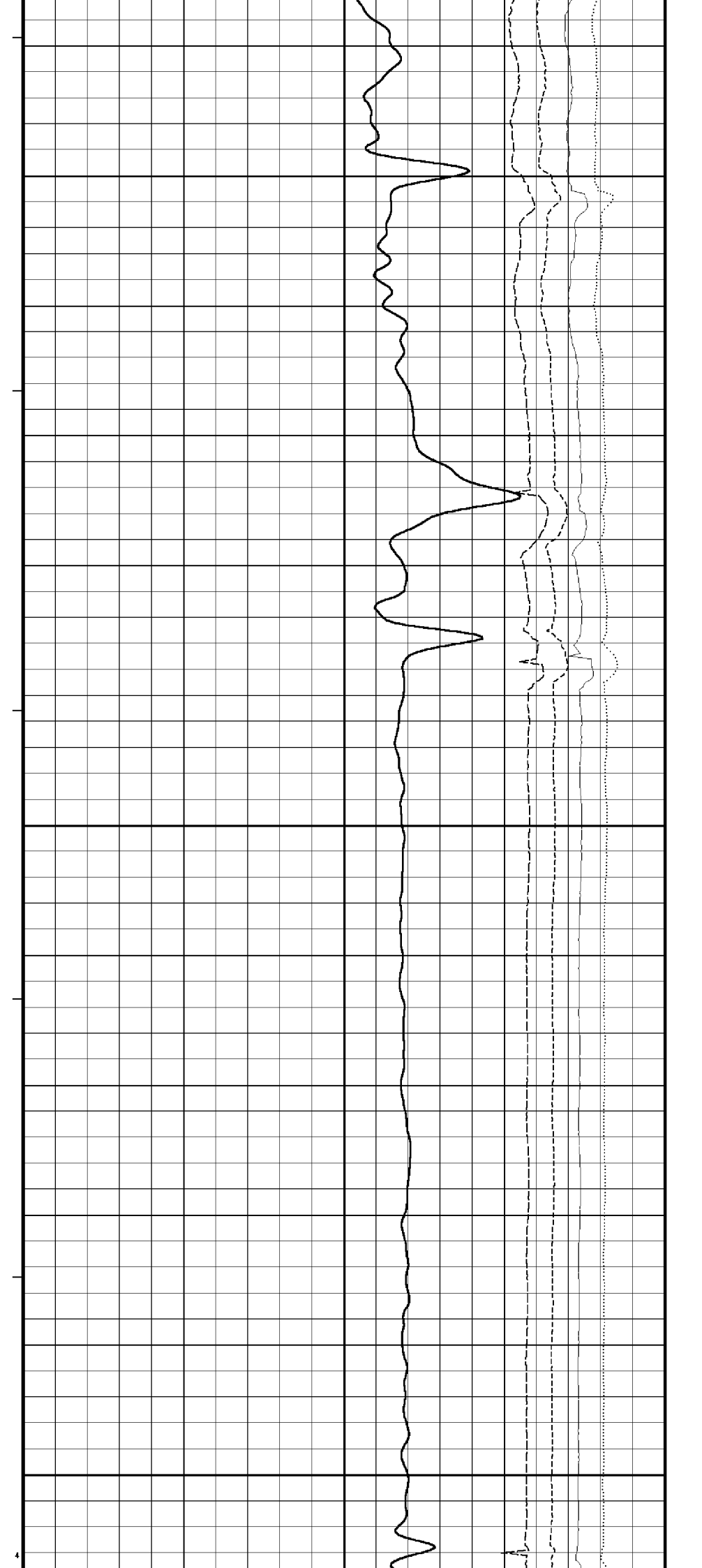
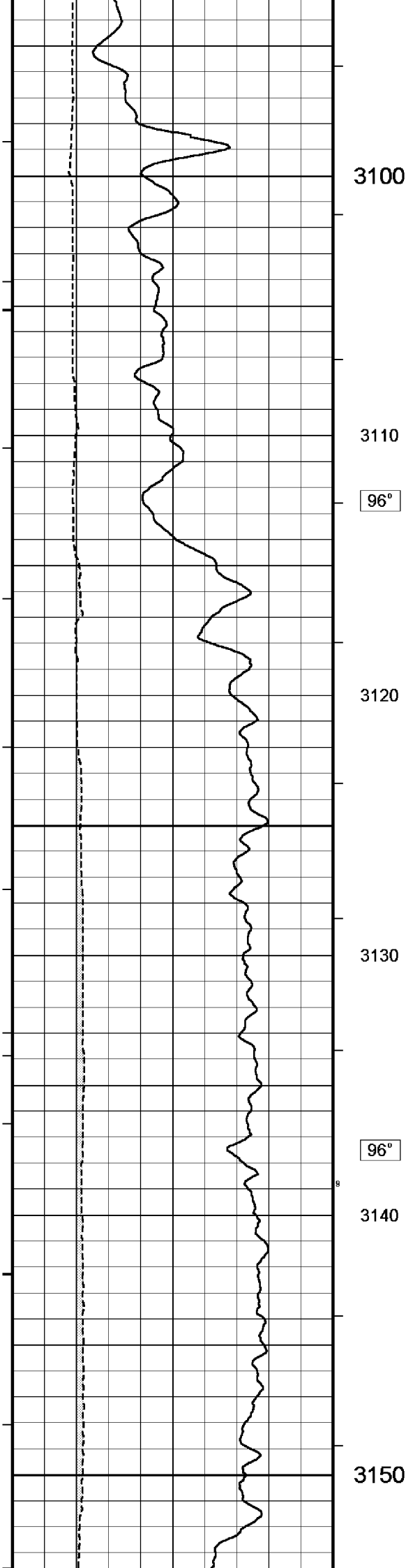
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs,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

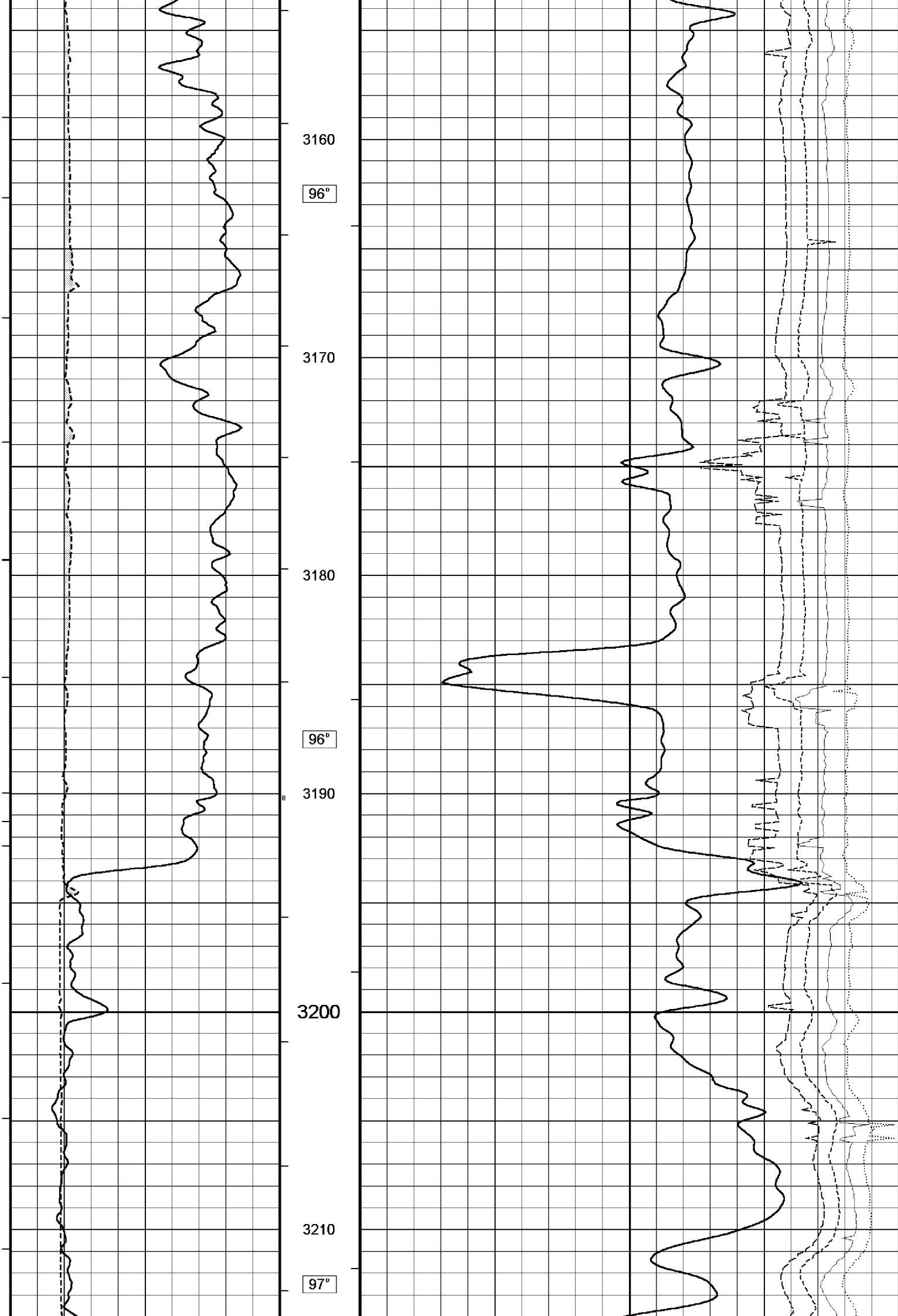


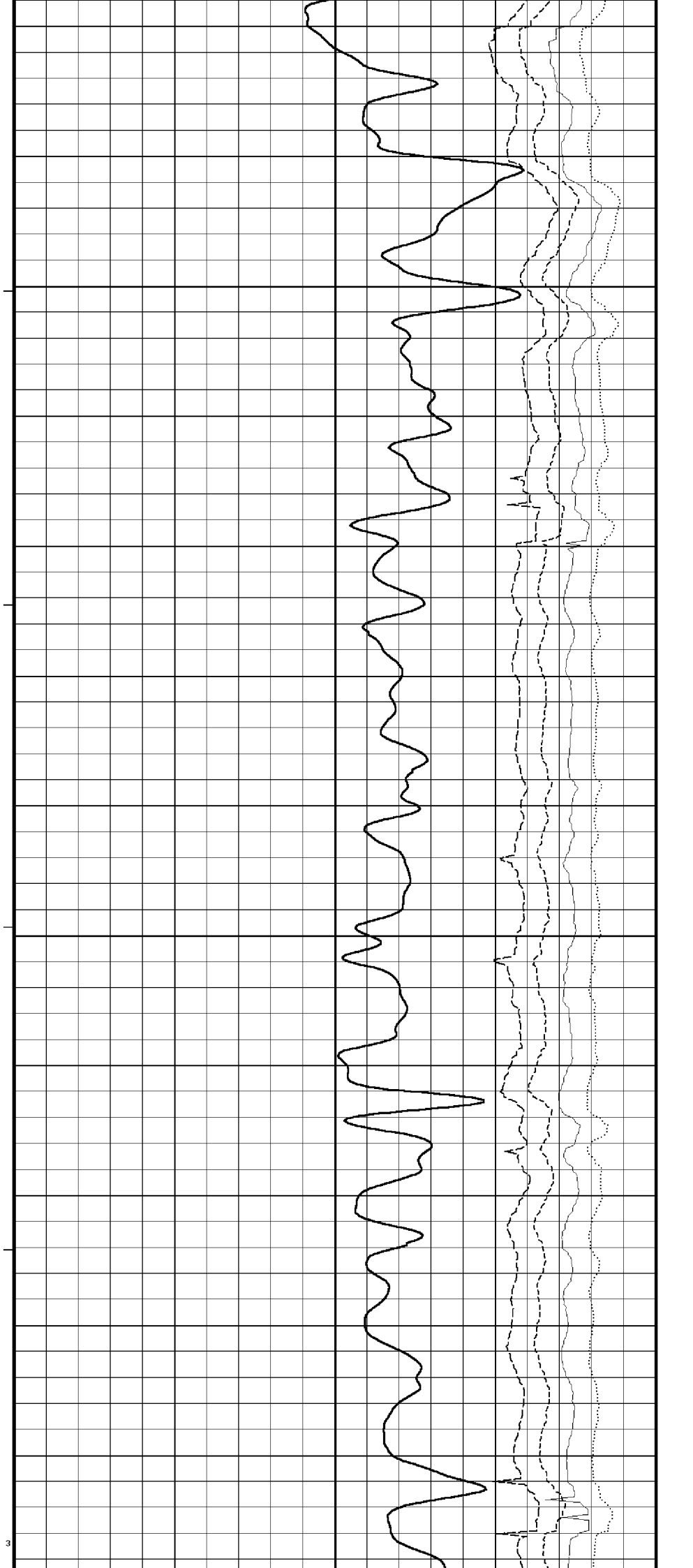
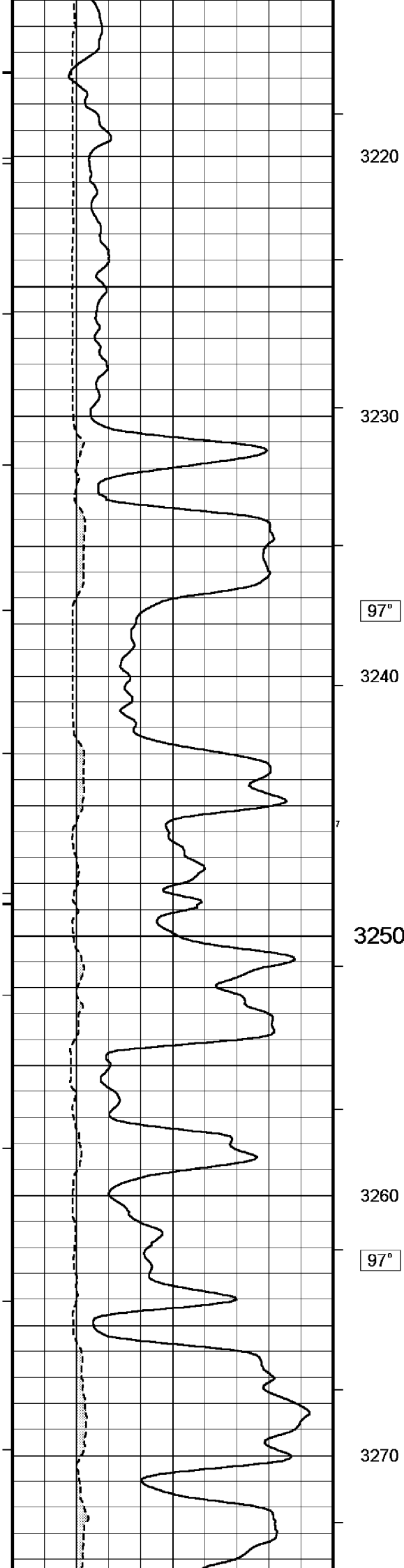


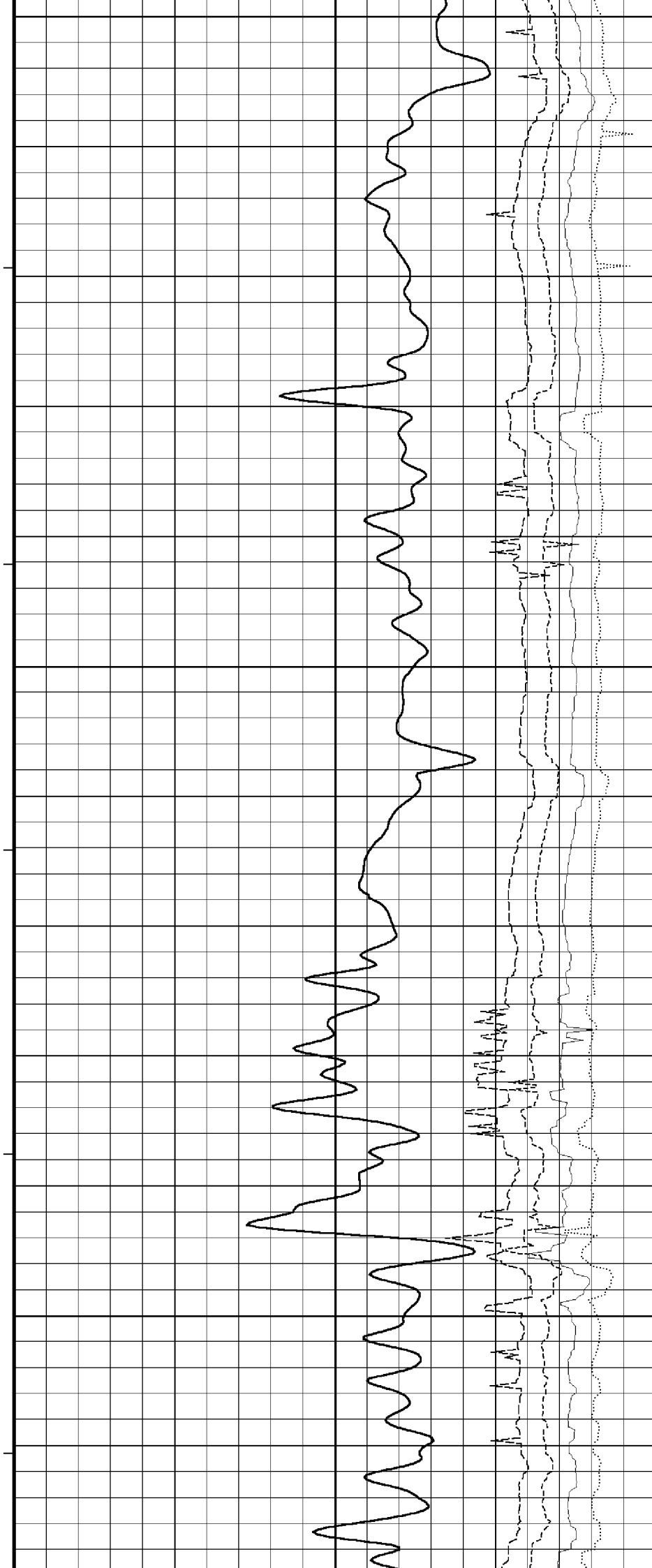
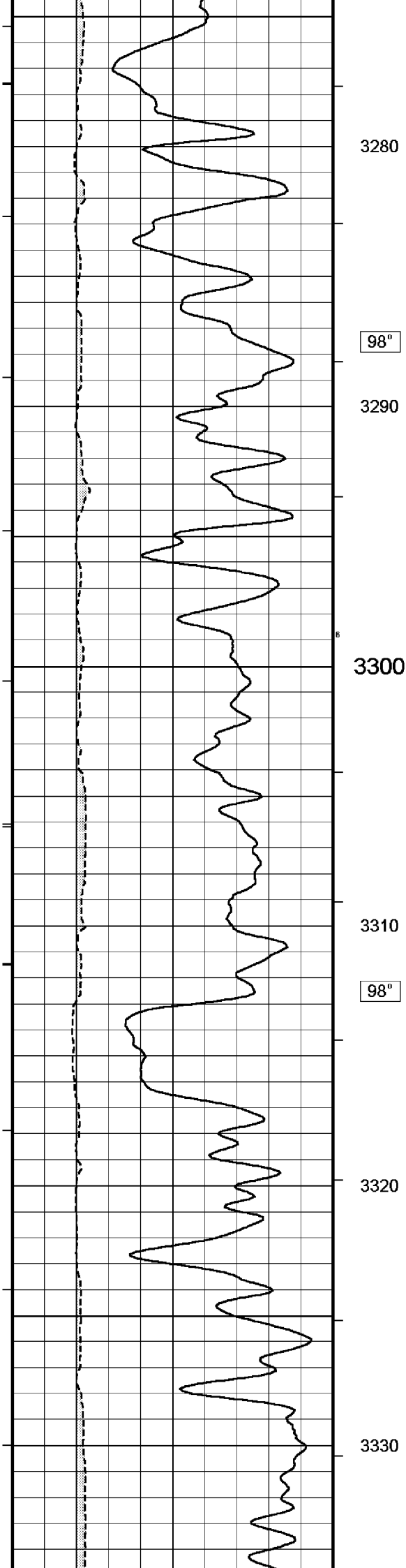


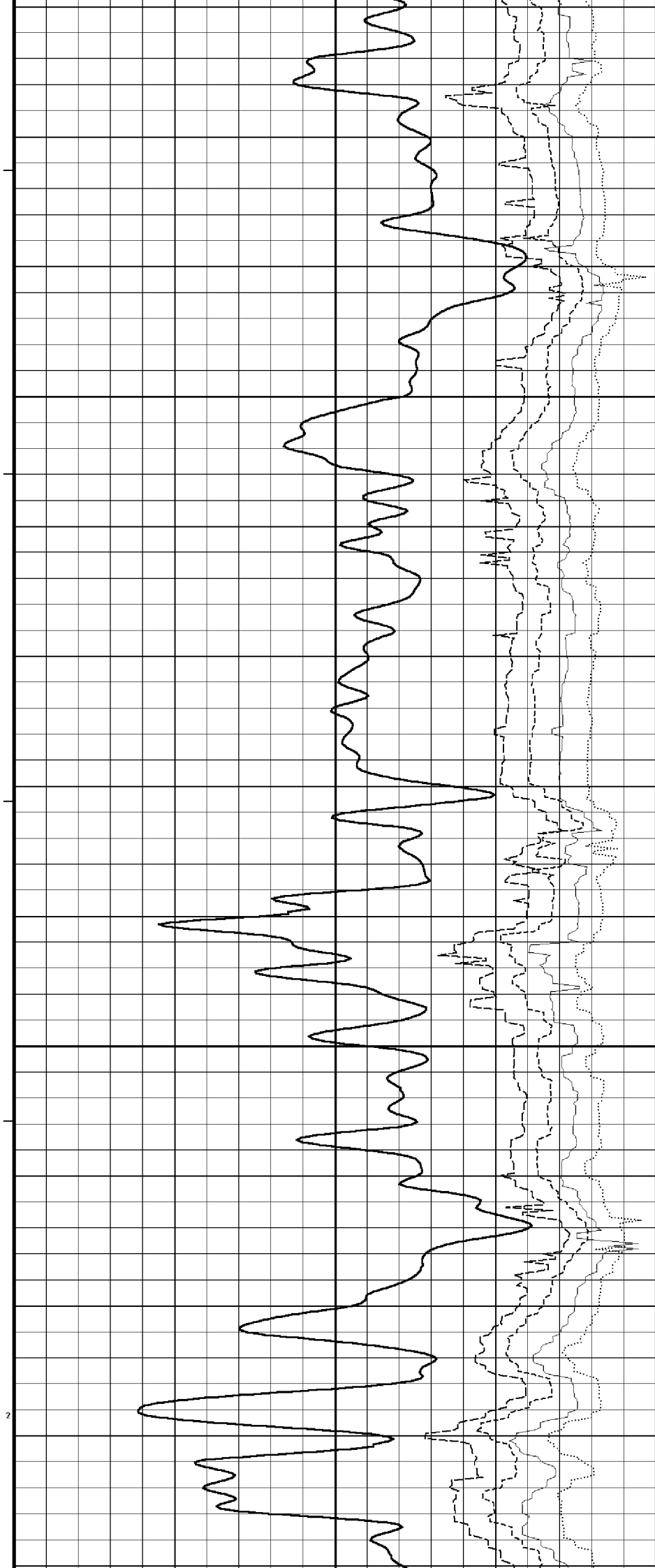
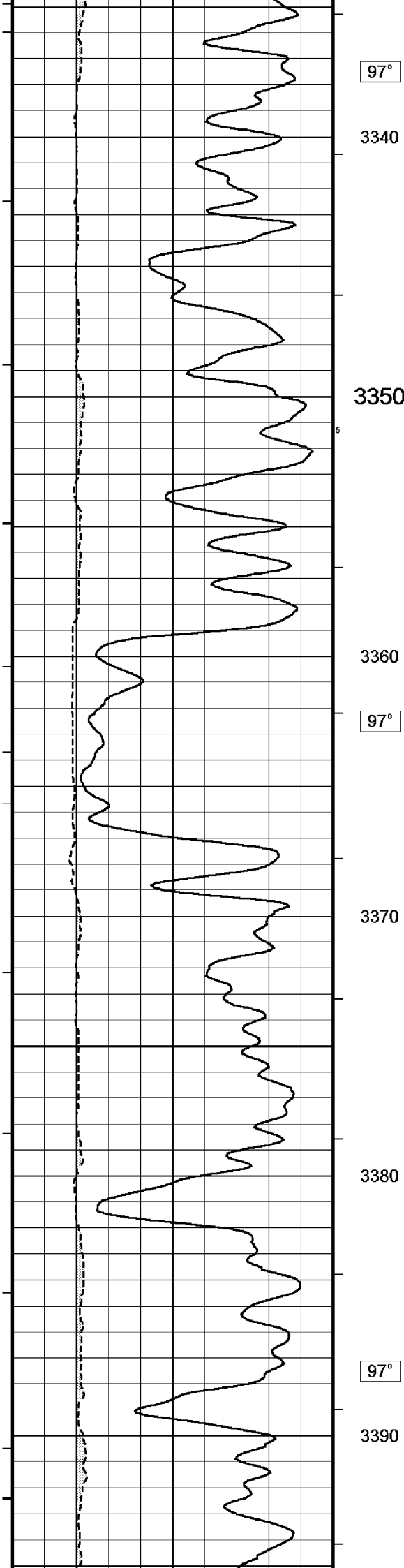


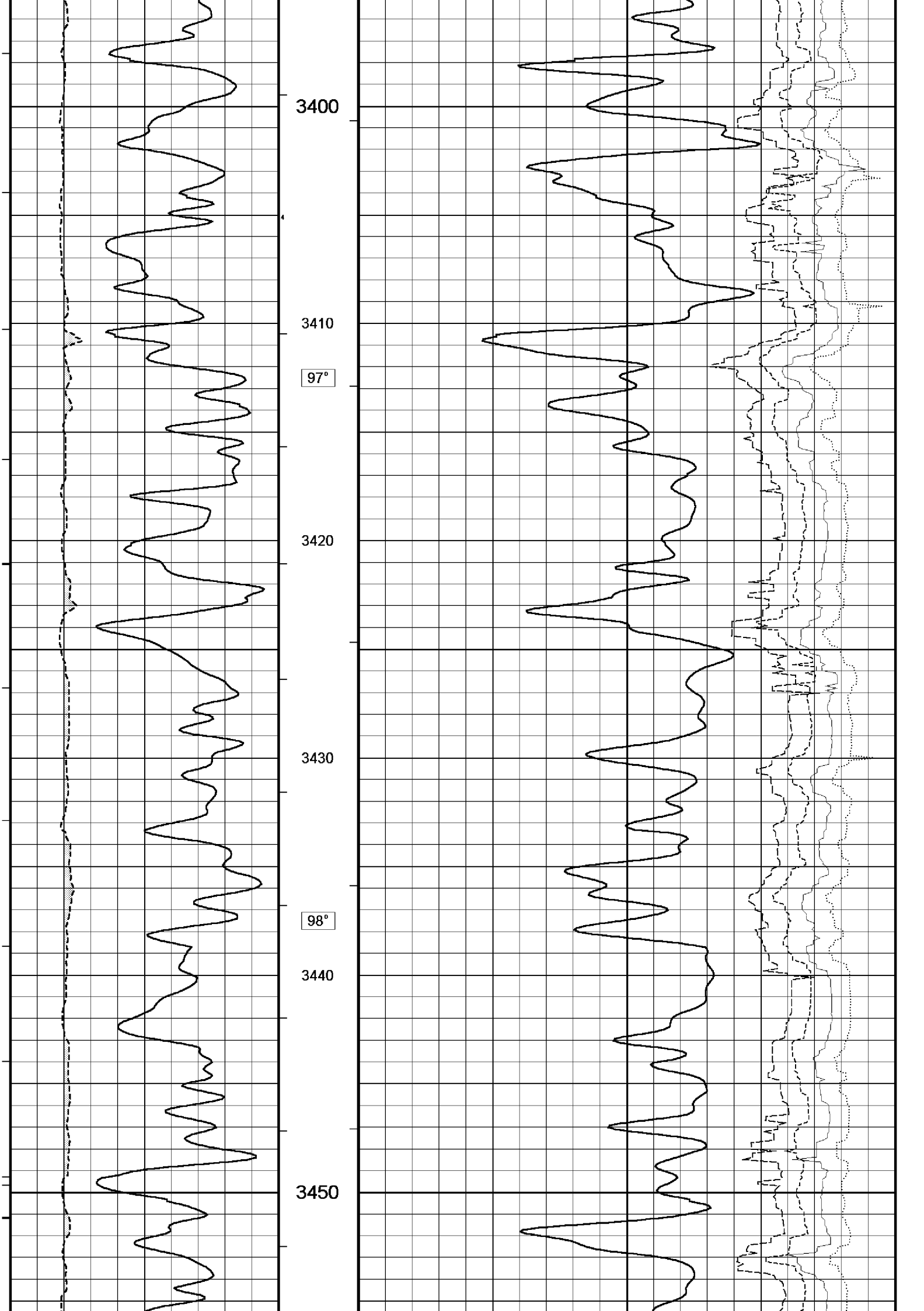


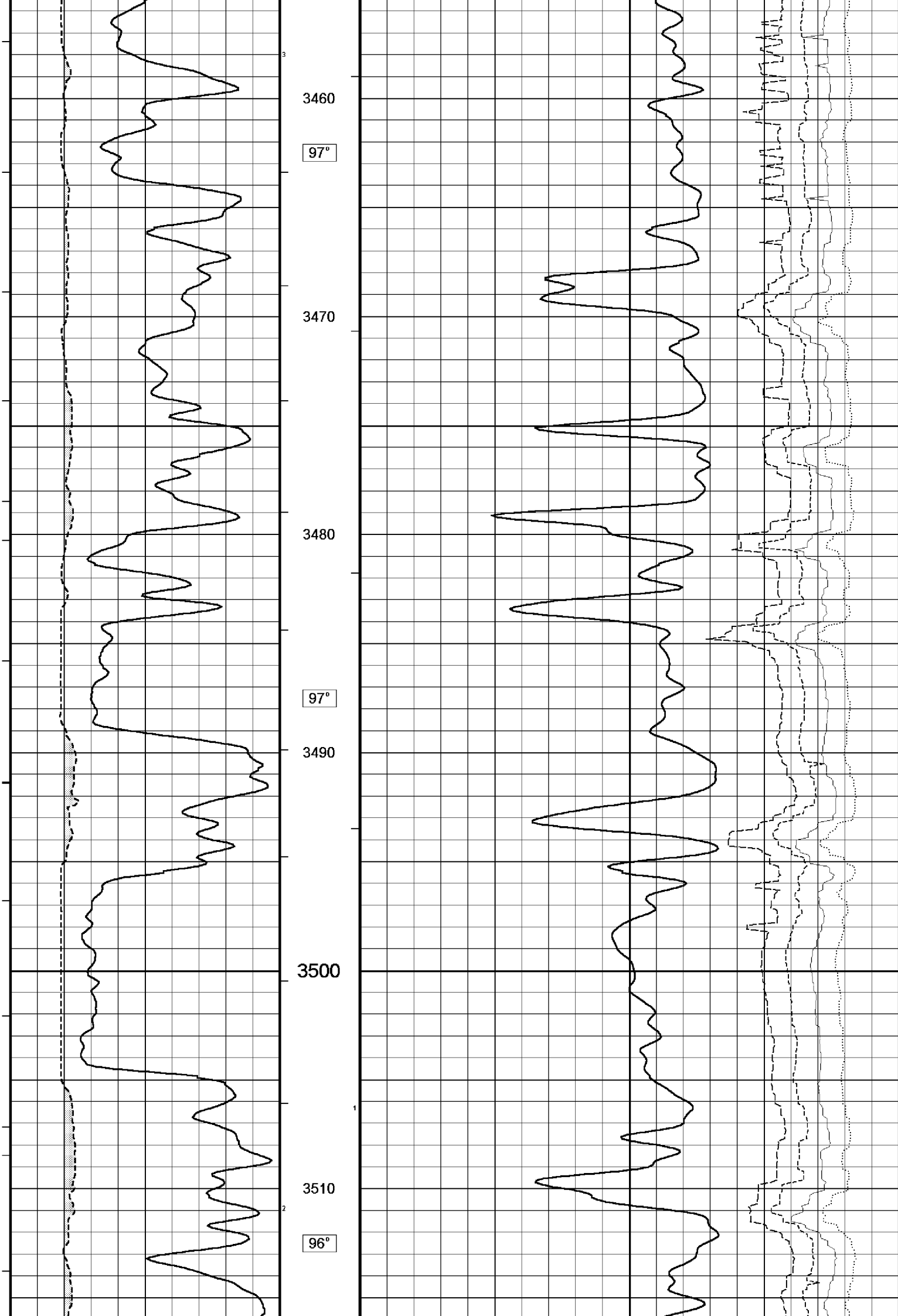


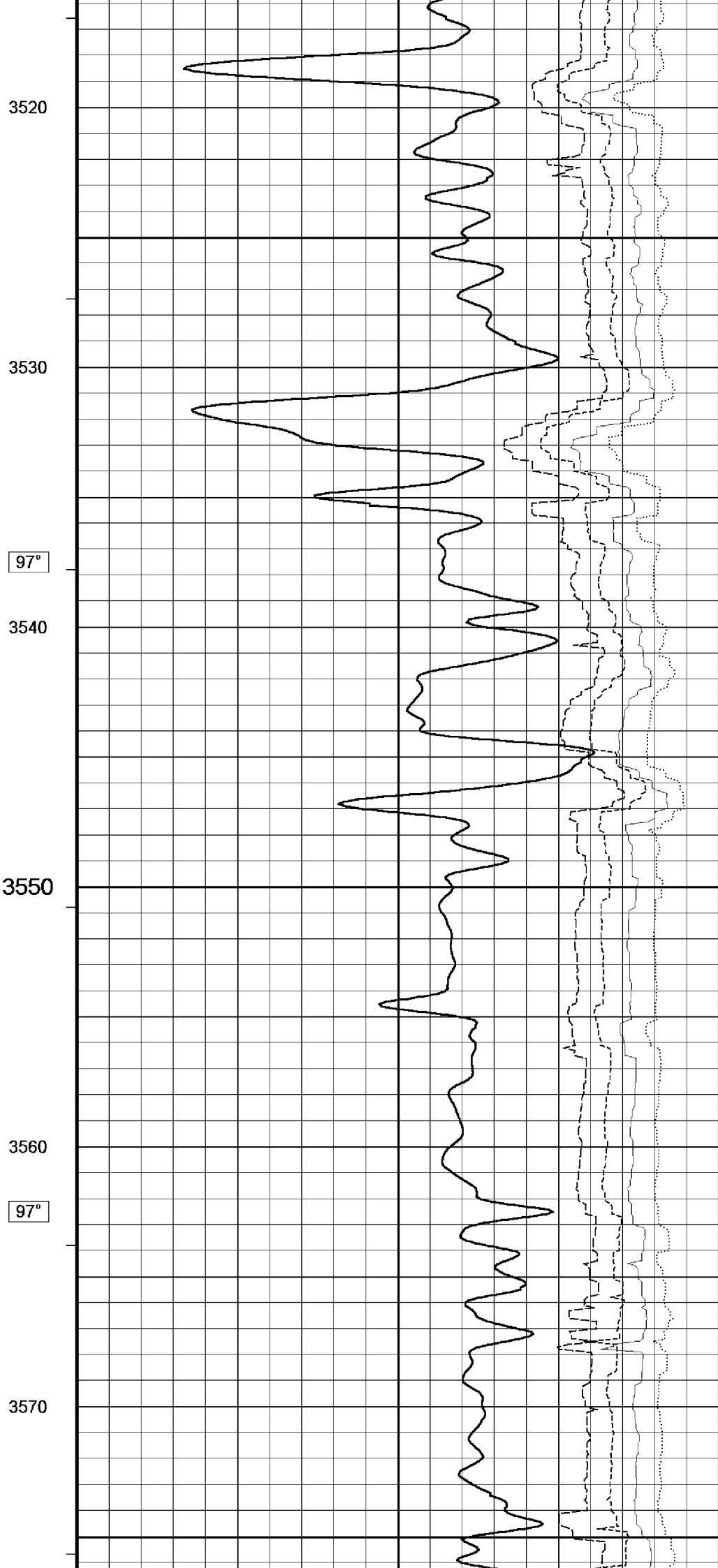
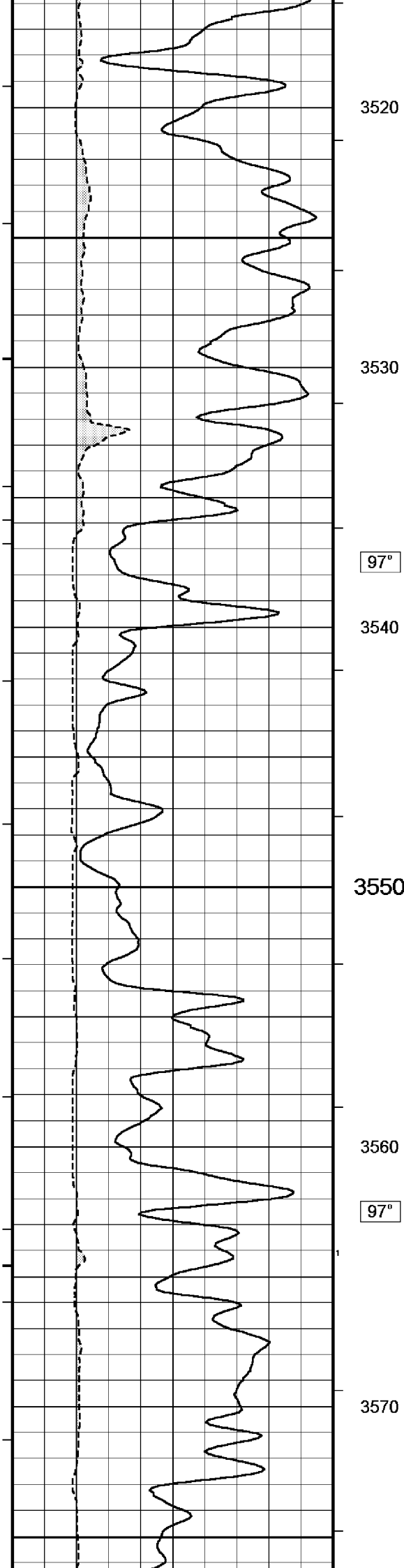


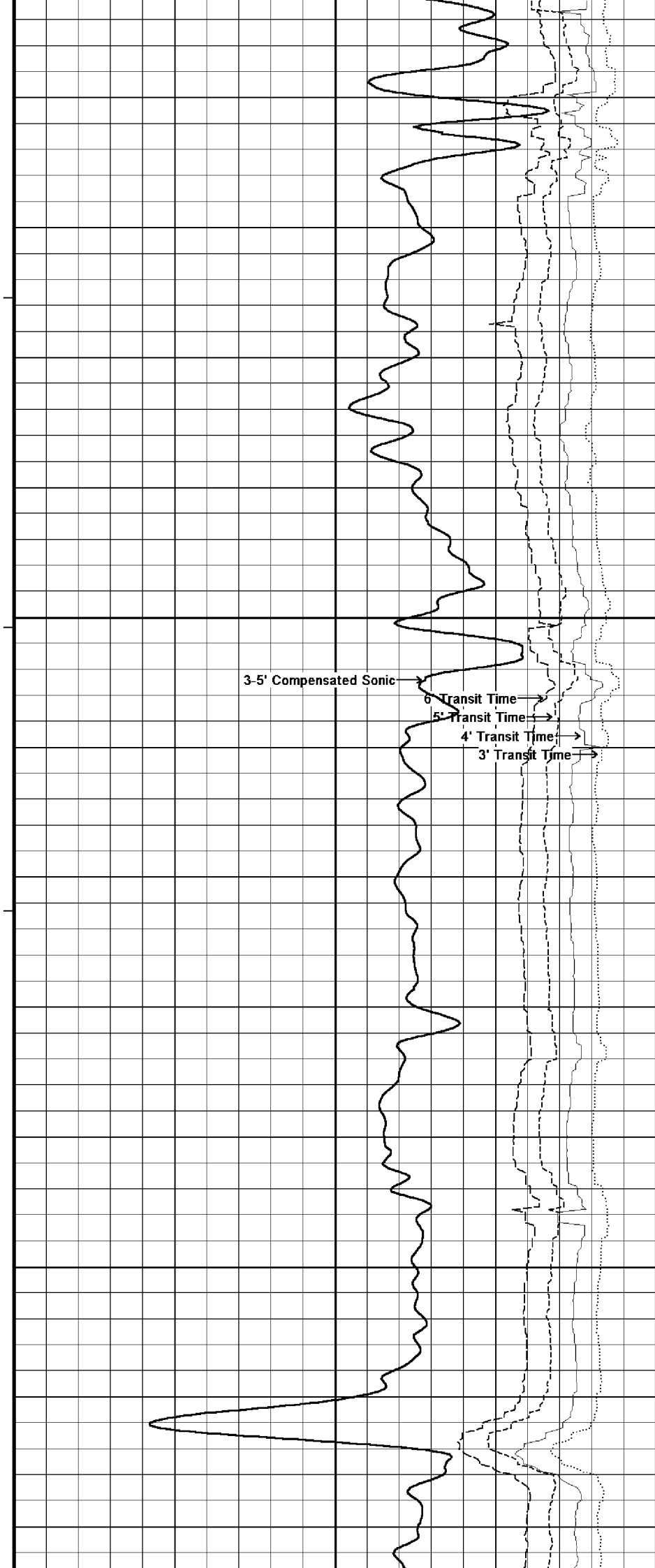
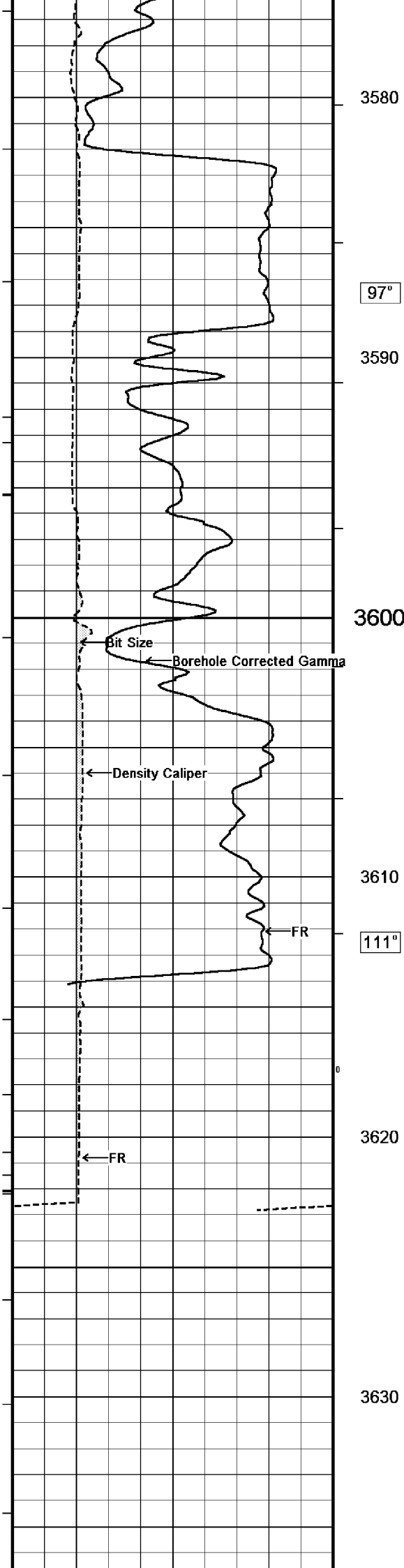


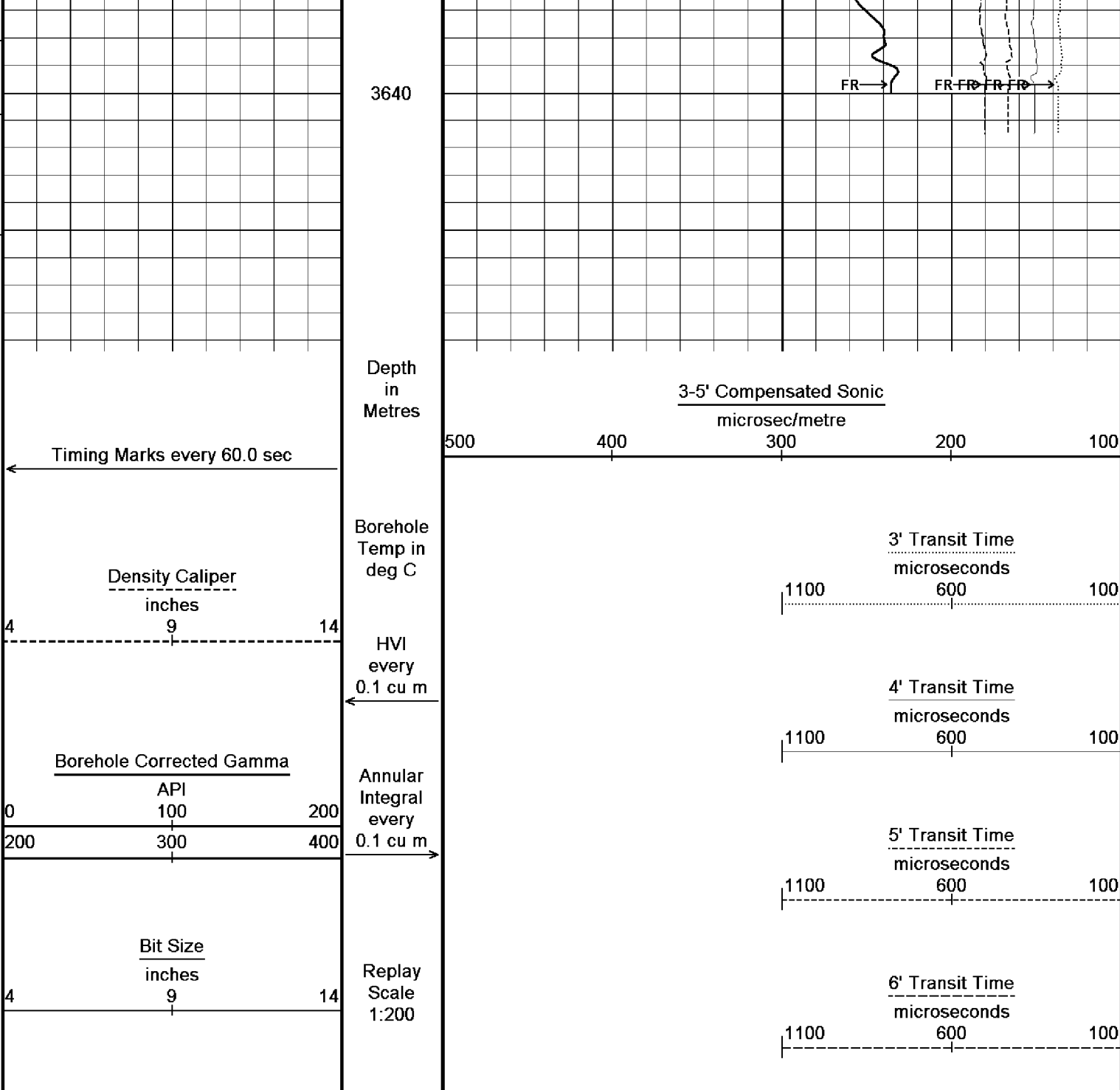












Depth Based Data - Maximum Sampling Increment 10.0cm
Filename: C:\Fla_a17a\B & W Finals\Fla_A17a_Main_log_MSS.dta
System Configuration Dates: Logged 23-OCT-2002: Processed 23-OCT-2002: Plotted 23-OCT-2002:

Plotted on 23-OCT-2003 11:05
Recorded on 17-AUG-2003 18:09

BEFORE SURVEY CALIBRATION

C:\Fla_a17a\B & W Finals\Fla_A17a_Main_log_MSS.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 Density Porosity		
RWA Constant A		0.61	
RWA Constant M		2.15	
High Resolution Temperature Calibration MCG 043			
	Measured	Calibrated(Deg C)	Field Calibration on 9-AUG-2002,07:03
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)	Field Calibration on 15-AUG-2003 19:05
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	
Sonic Constants MSS 047			
Maximum Boundary Contrast	328.08	micro-sec/m	
Fluid Transit Time	620.08	micro-sec/m	
Limestone Transit Time	155.84	micro-sec/m	
Sandstone Transit Time	182.09	micro-sec/m	
Dolomite Transit Time	142.72	micro-sec/m	
Sonic used for Porosities	3-5' Compensated Sonic		
Correction for Sonde Skew	Applied		
Cycle Stretch Algorithm	Applied		
MN3FT	N/A	micro-sec	
MX3FT	N/A	micro-sec	
Fixed Gate Parameters			
Start Time (micro-sec)	End Time (micro-sec)	Discriminator (mV)	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
Down Hole Fixed Gate Parameters			
Gate Start	N/A	micro-sec	
Gate Width	N/A	micro-sec	
Full Waveform Parameters			
Use derived TR for 3' Waveform	N/A		
Use derived TR for 4' Waveform	N/A		
Use derived TR for 5' Waveform	N/A		
Use derived TR for 6' Waveform	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

DOWNHOLE EQUIPMENT
All measurements relative to tool zero.

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

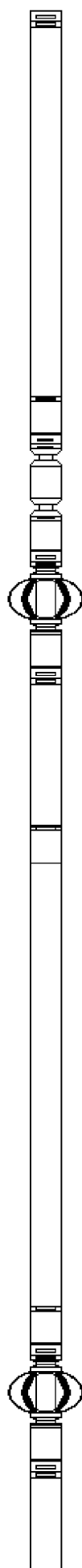
Compact Knuckle Joint
SKJ 110 Length: 0.66 m Weight: 24.25 lb

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 Neutron
MDN 42 Length: 1.53 m Weight: 50.71 lb

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

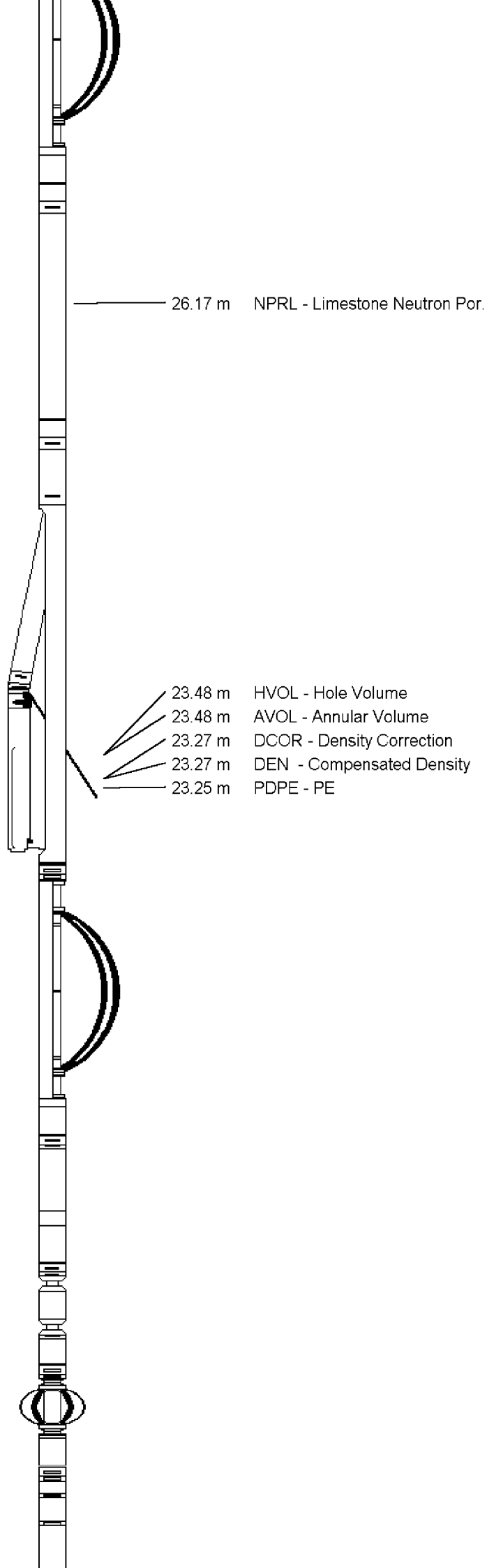
Compact Inline Bowspring A
MIS 25 Length: 1.74 m Weight: 33.07 lb

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



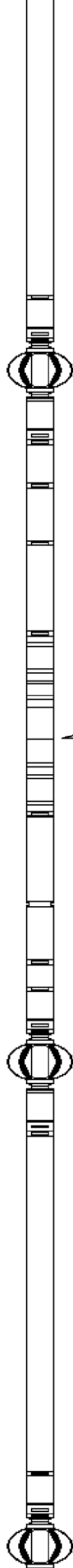
Compact Inline Standoff B
MIS 73 Length: 0.65 m Weight: 15.43 lb

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



13.35 m DSL - Shallow Laterolog
13.35 m DDL - Deep Laterolog

MIS 130 Length: 0.65 m Weight: 15.45 lb

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

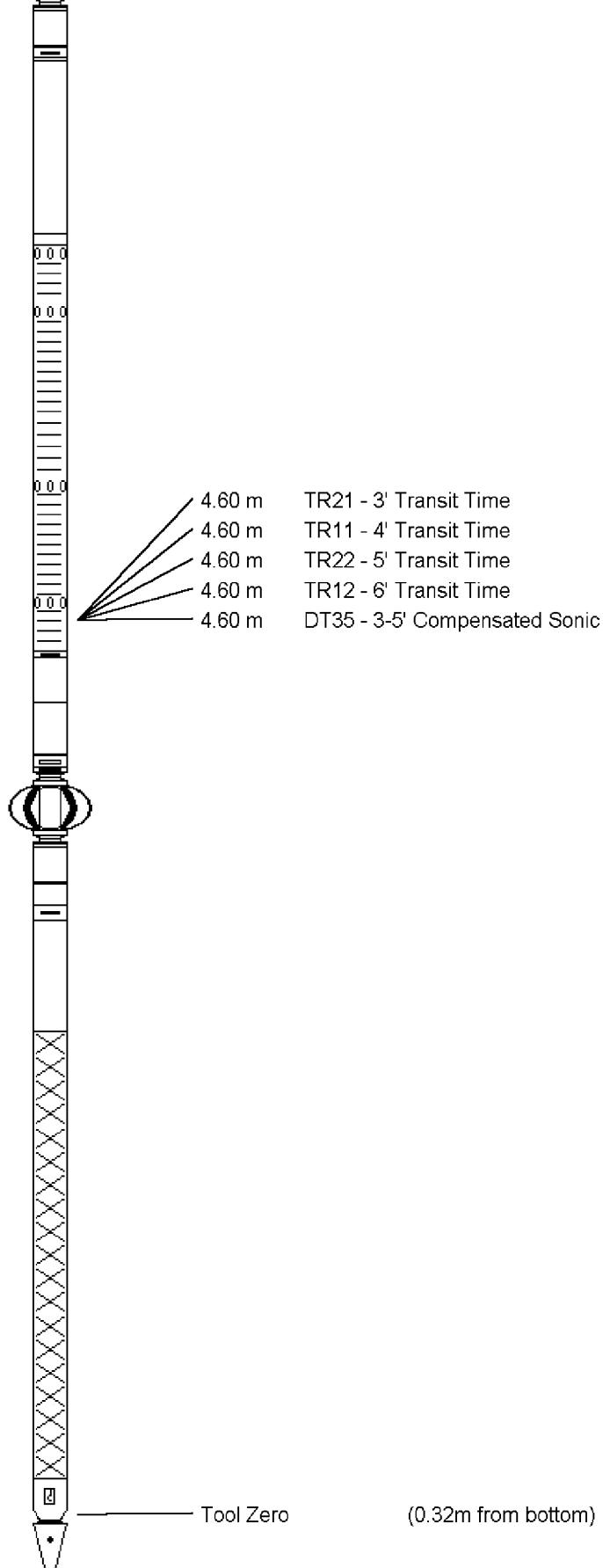
Compact Inline Standoff B
MIS 128 Length: 0.65 m Weight: 15.43 lb

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
<div><div>Reeves</div><div>COMPENSATED SONIC 1:200 MD</div></div>					