



GAMMA, DENSITY COMPENSATED NEUTRON

1:200

COMPANY	LAKES OIL N.L.		
WELL	BOOLA BOOLA 2		
FIELD	WILDCAT		
PROVINCE/COUNTY	VICTORIA		
COUNTRY/STATE	AUSTRALIA		
LOCATION	38 08'59"S 146 30'34"E		
LSD	SEC	TWP	RGE
API Number	Permit Number PEP 166		Other Services MLL, MSS RSCT
Permanent Datum MSL	, Elevation 0.0 metres		Elevations: KB 45.20 DF 45.00 GL 40.00
Log Measured From KB @ 45.2M	above Permanent Datum		
Drilling Measured From KB			
Date	2-JUL-2007		
Run Number	3		
Depth Driller	1887.00	metres	
Depth Logger	1713.00	metres	
First Reading	1712.00	metres	
Last Reading	565.00	metres	
Casing Driller	570.00	metres	
Casing Logger	569.70	metres	
Bit Size	8.50	inches	
Hole Fluid Type	KCL		
Density / Viscosity	1.27 g/c3	12.00 CP	
PH / Fluid Loss	8.00	16.00 ml/30Min	
Sample Source	SUCTION		
Rm @ Measured Temp	0.62 @ 25.0	ohm-m	
Rmf @ Measured Temp	0.46 @ 25.0	ohm-m	
Rmc @ Measured Temp	1.07 @ 25.0	ohm-m	
Source Rmf / Rmc	MEAS	MEAS	
Rm @ BHT	0.299 @ 76.0	ohm-m	
Time Since Circulation	10.5 Hrs		
Max Recorded Temp	76.00	deg C	
Equipment Name	MDN,MPD		
Equipment / Base	HSU2	SALE	
Recorded By	R L TENCH		
Witnessed By	T O'BRIEN		
On Bottom	18:30		

REMARKS

1. Century Rig #11
2. Fish in Hole, TD 1887m Top of Fish 1718m
3. Chlorides 56ppm
4. Maximum Deviation 31 @ 1354m

BOREHOLE RECORD

Last Edited: 15-JAN-2008 15:23

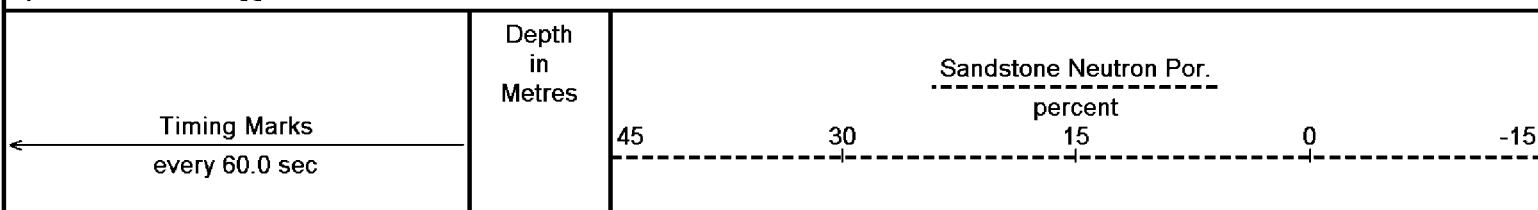
Bit Size inches	Depth From metres	Depth To metres
8.500	570.00	1870.00

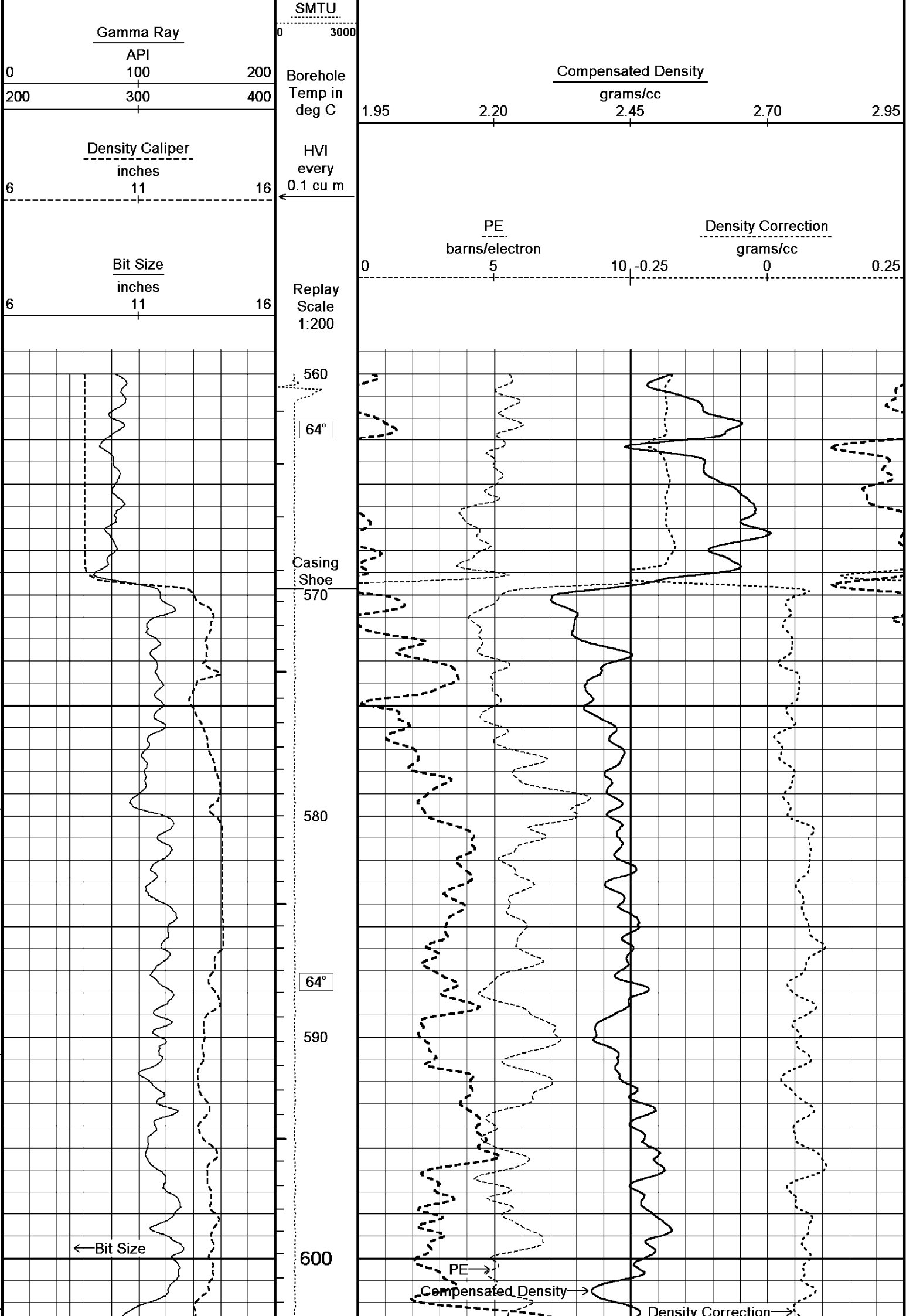
CASING RECORD

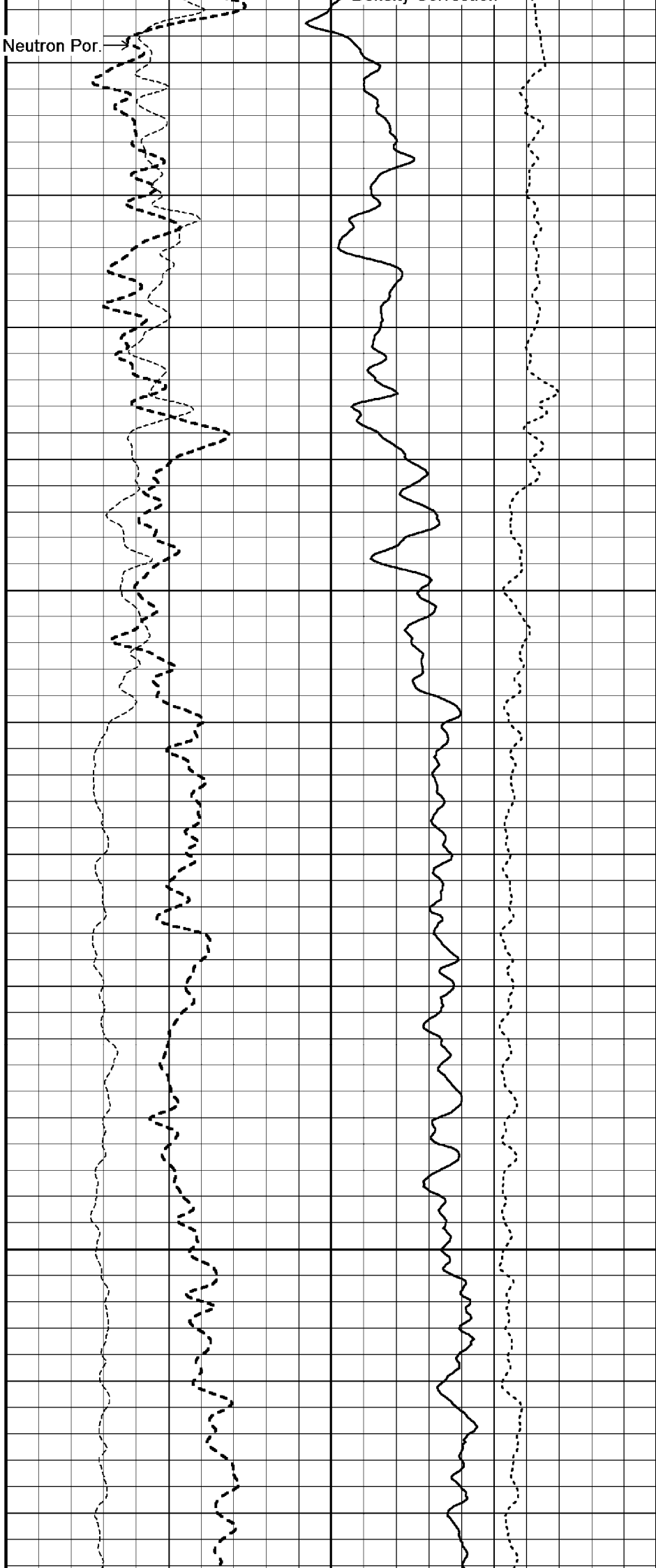
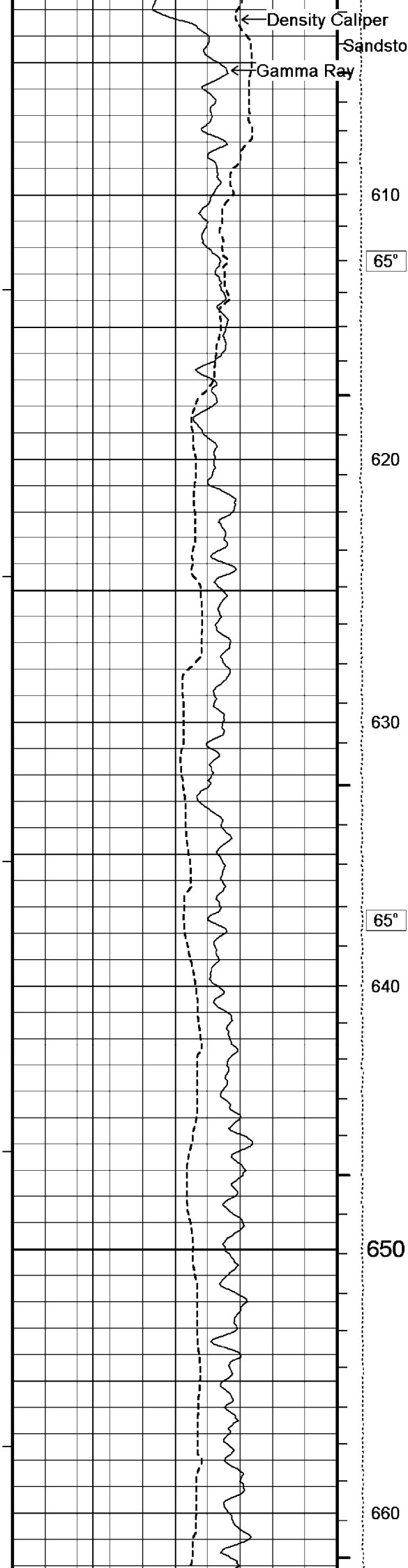
Type	Size inches	Depth From metres	Shoe Depth metres	Weight pounds/ft
K-55	9.625	0.00	570.00	36.00

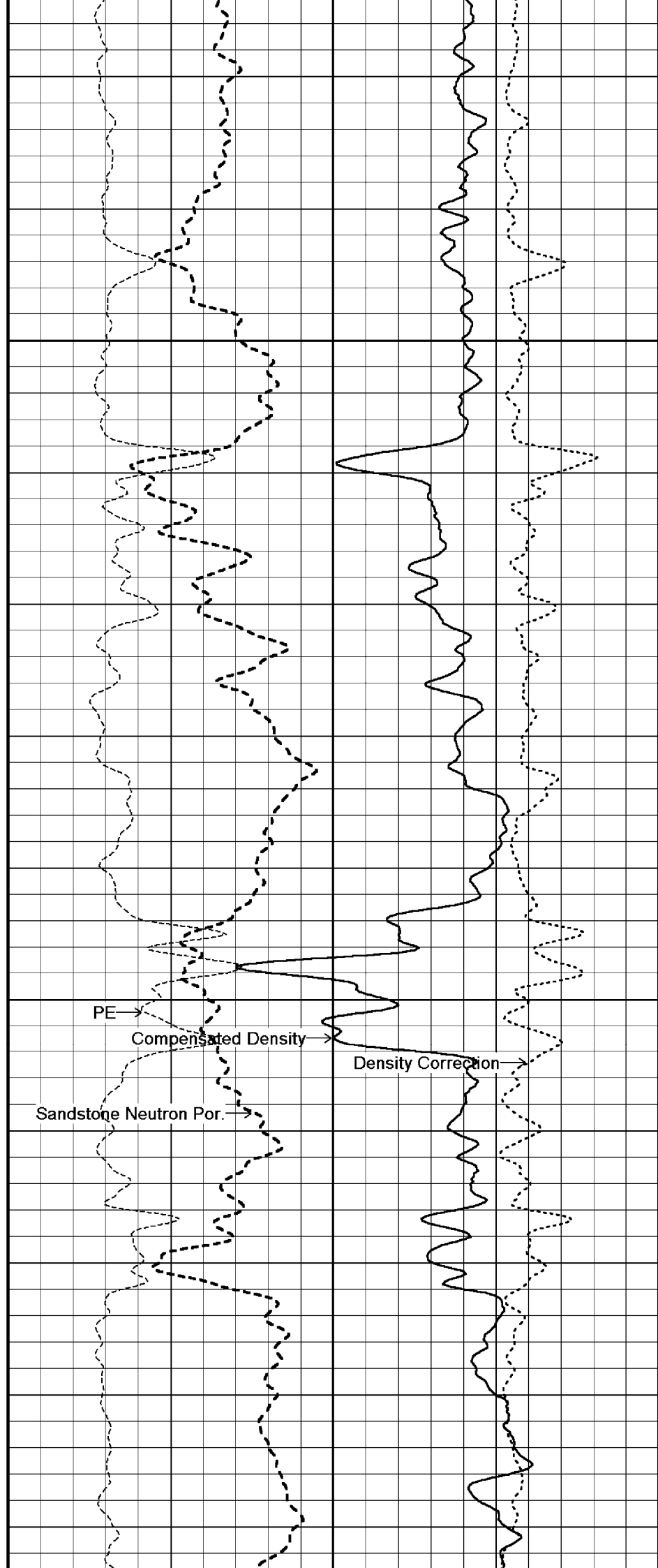
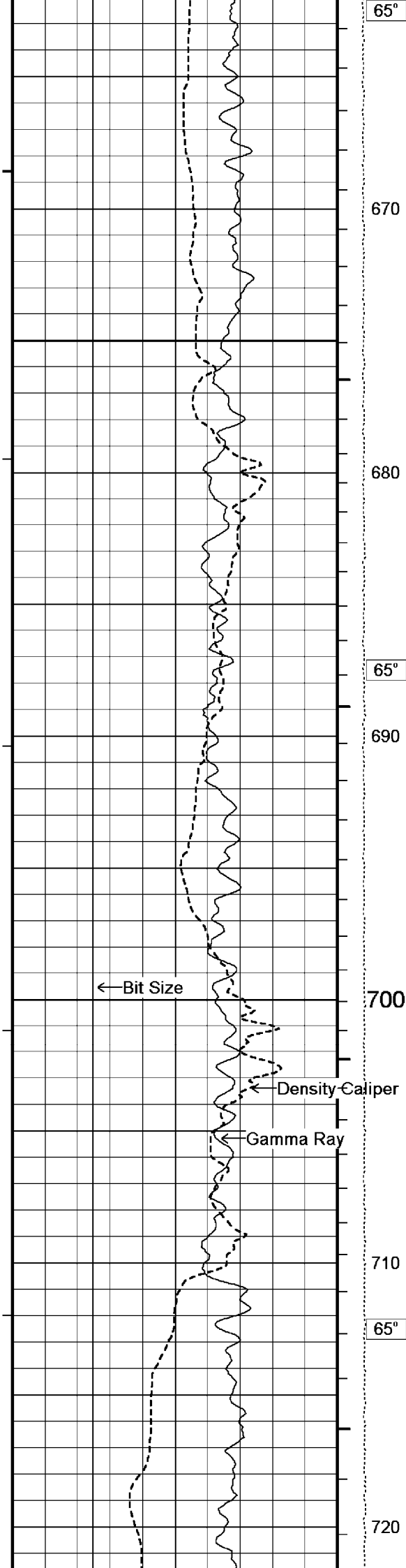
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs,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

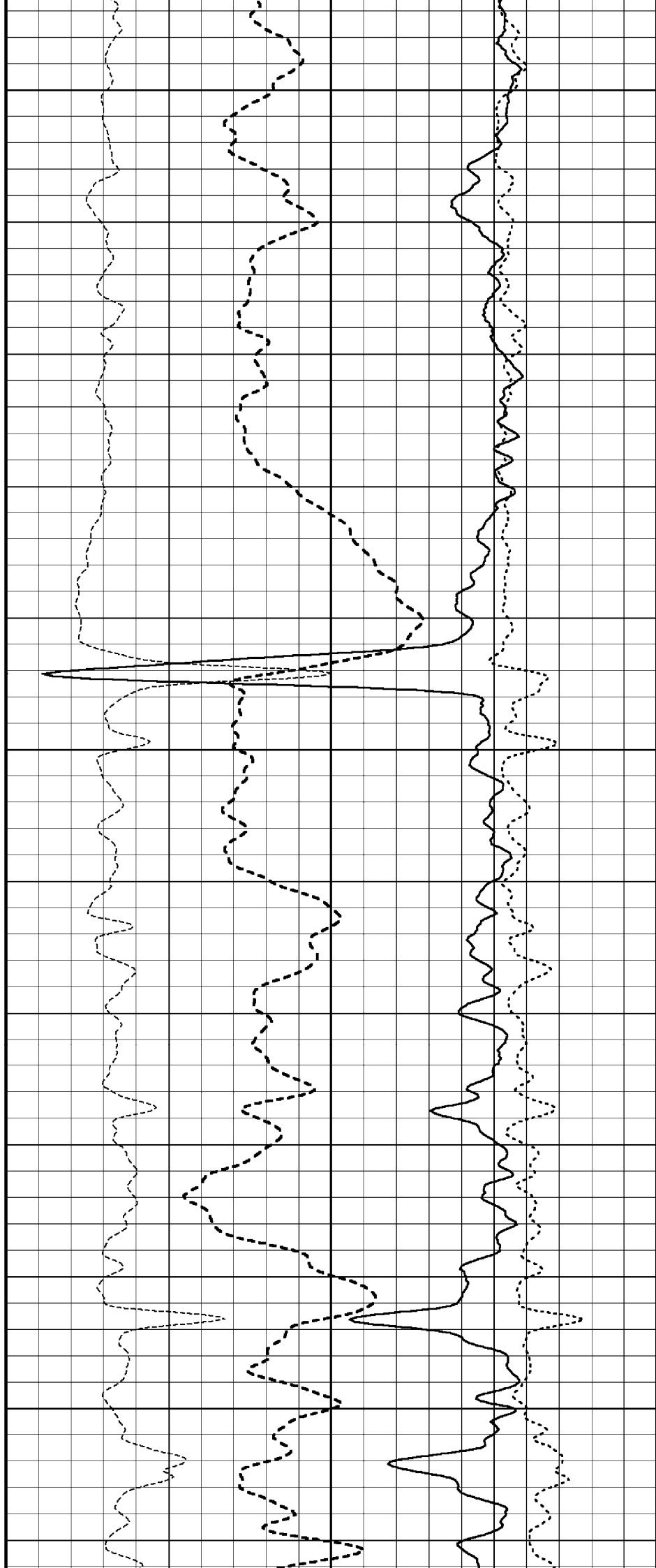
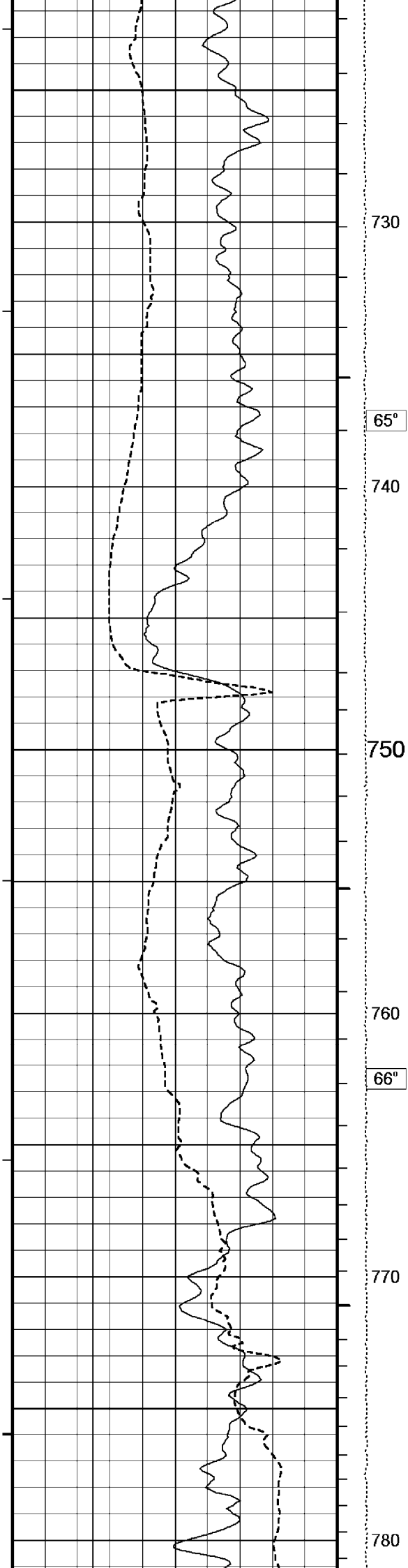
MAIN LOG 1: 200	
Depth Based Data - Maximum Sampling Increment 10.0cm Filename: C:\Data\LakesOil\Boola Boola 2\FFD\DPK\MDNMPD_002.dta System Versions: Logged with 7.02.0251 Plotted with 7.02.0251	Plotted on 15-JAN-2008 15:48 Recorded on 02-JUL-2007 18:53

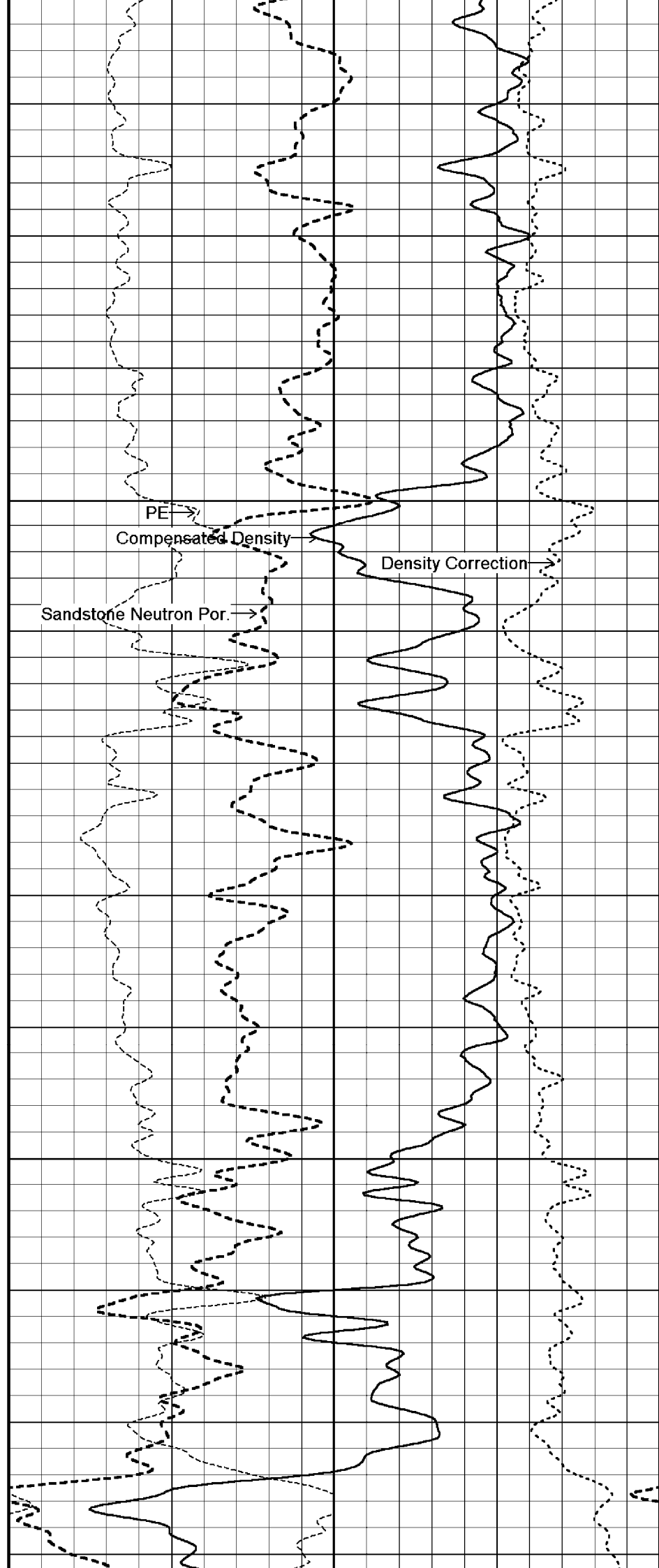
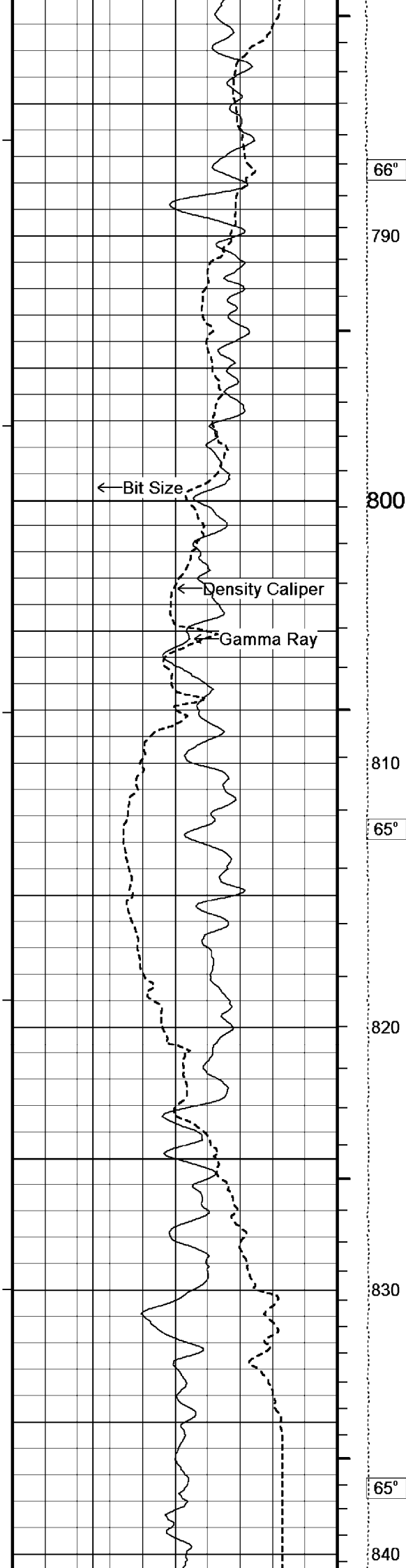


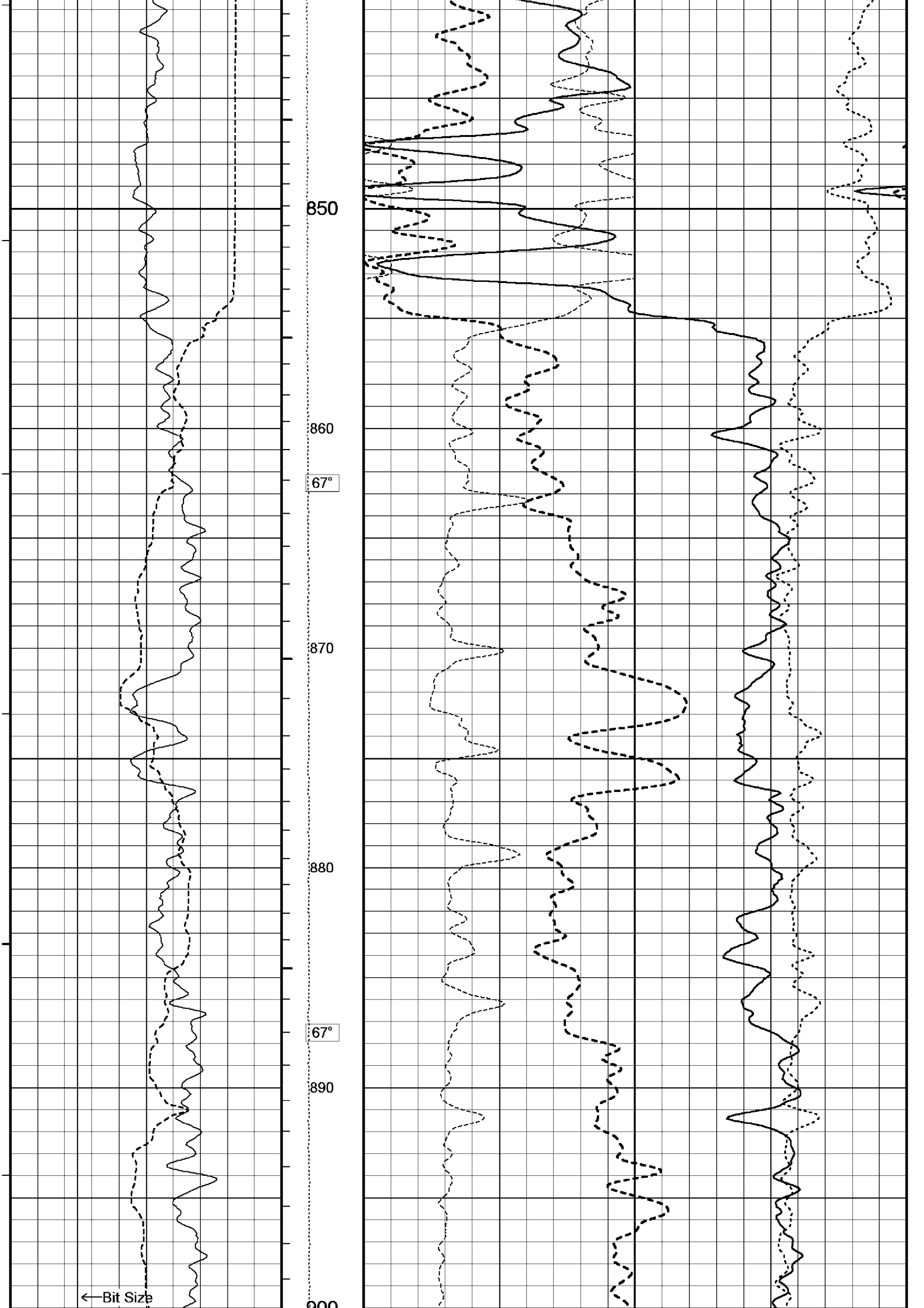


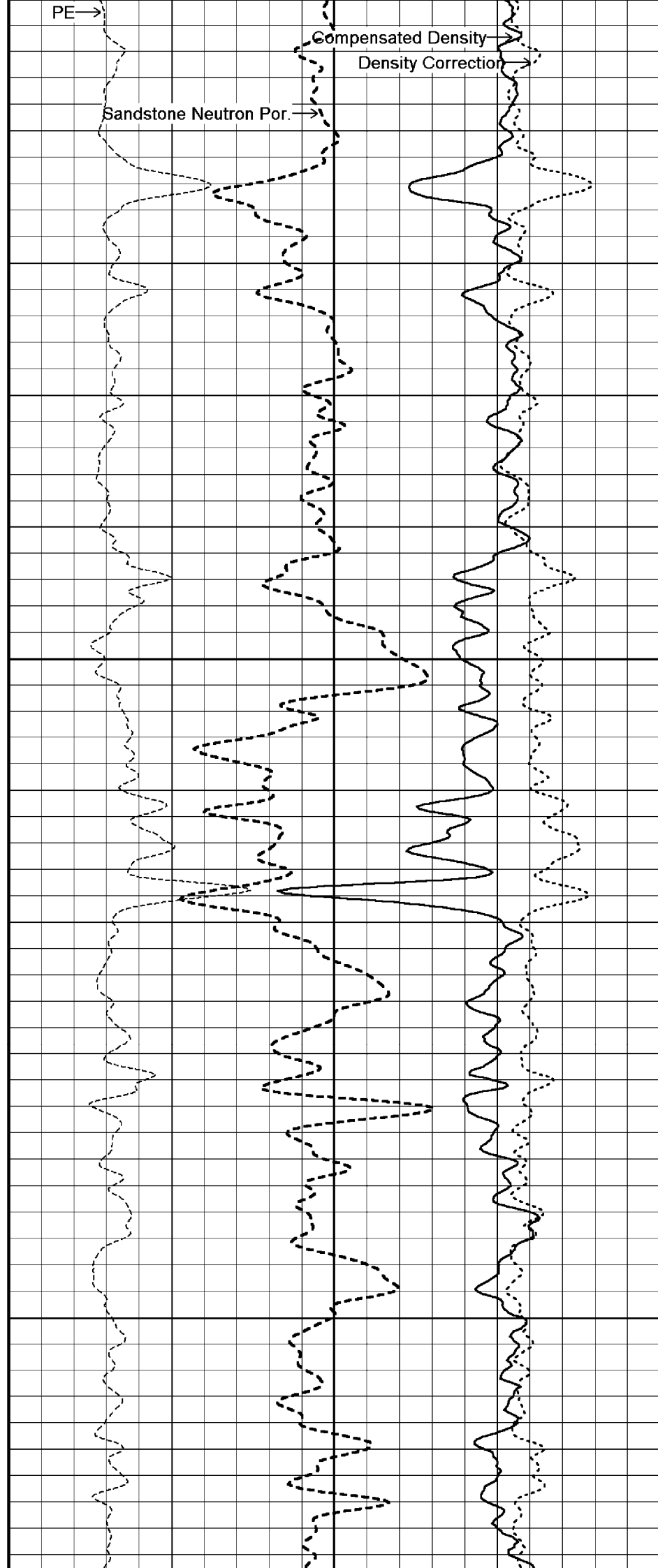
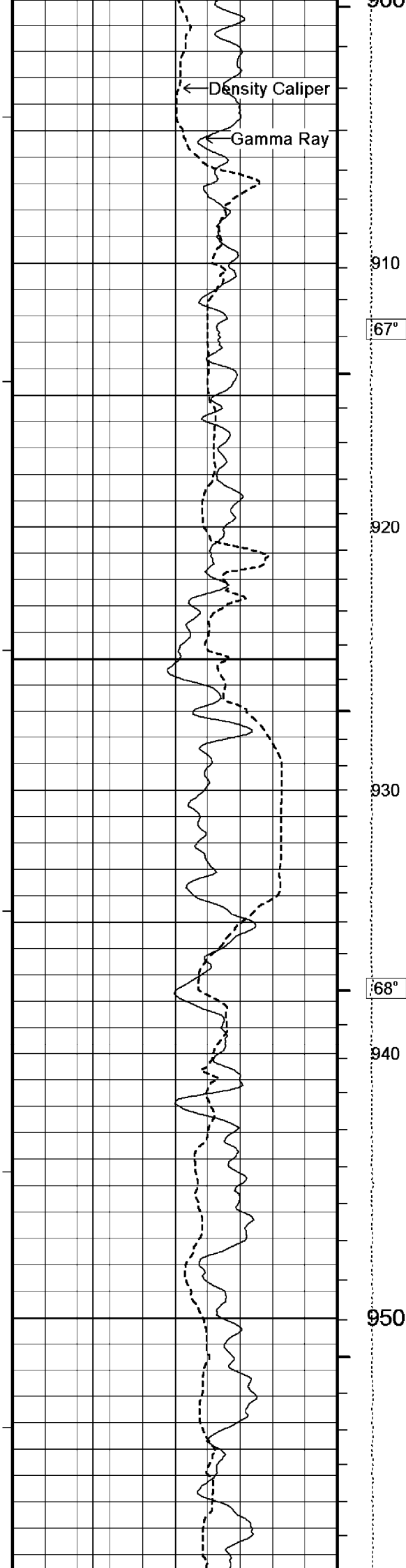


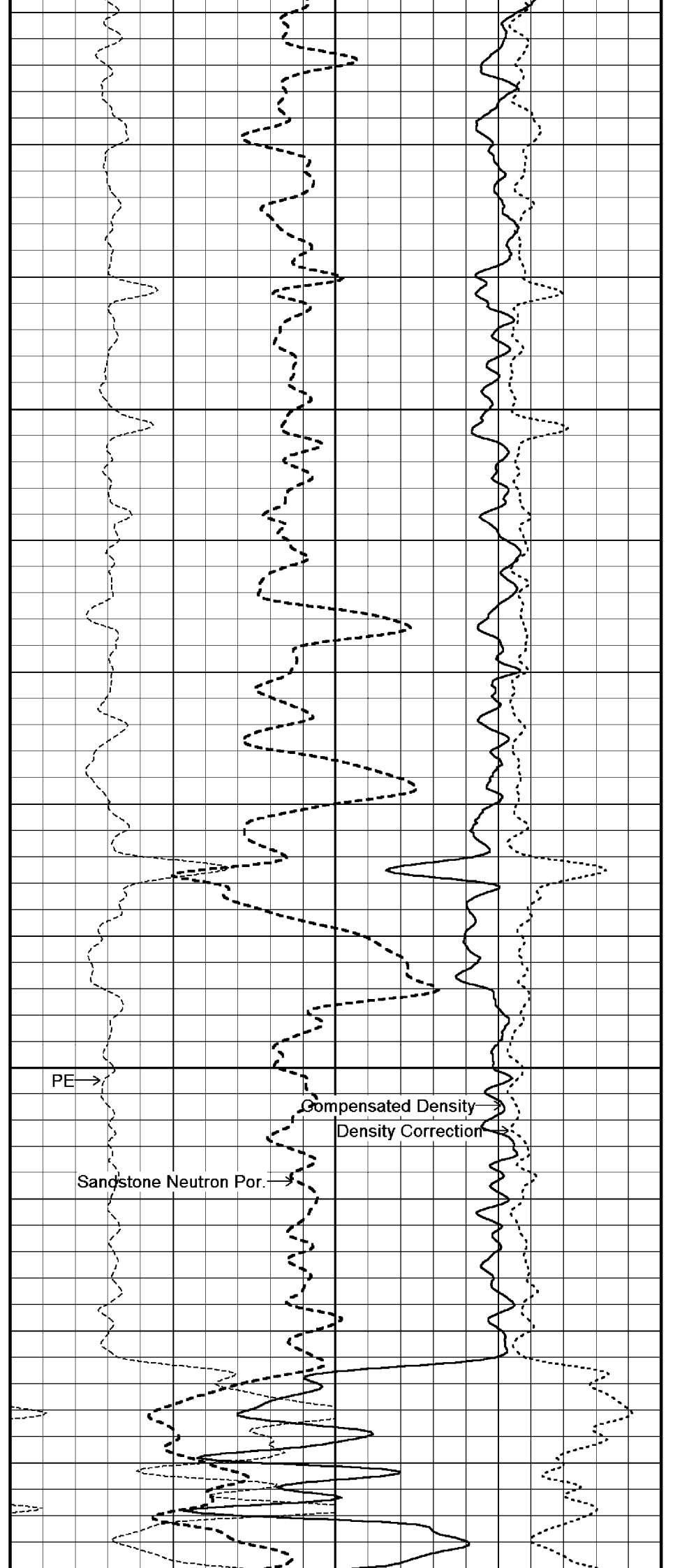
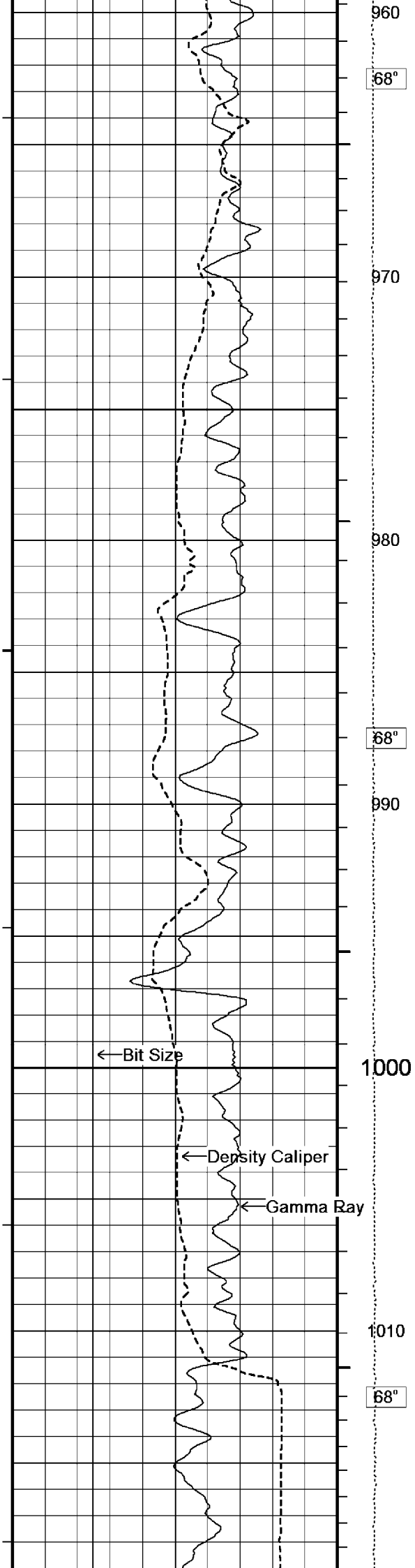


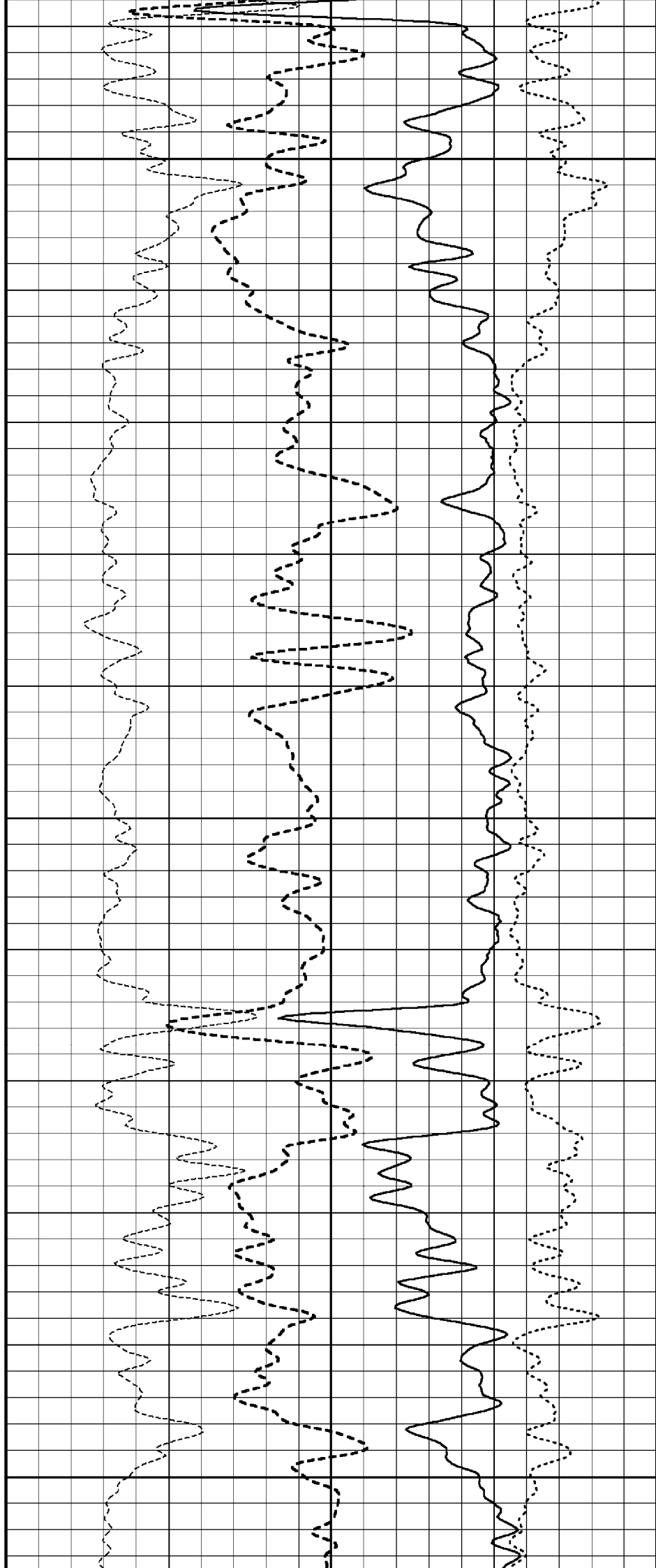
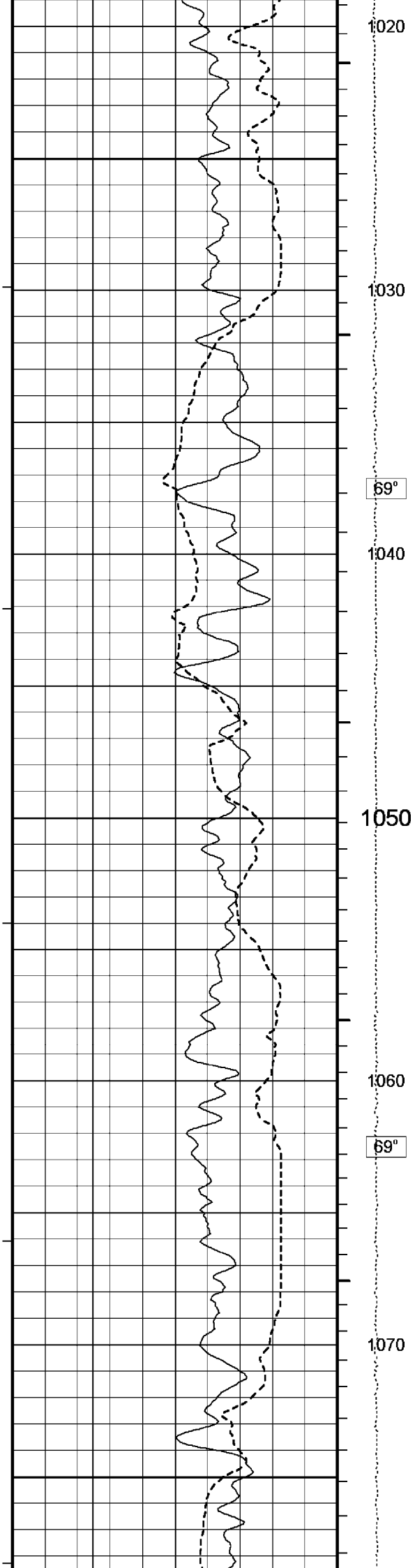


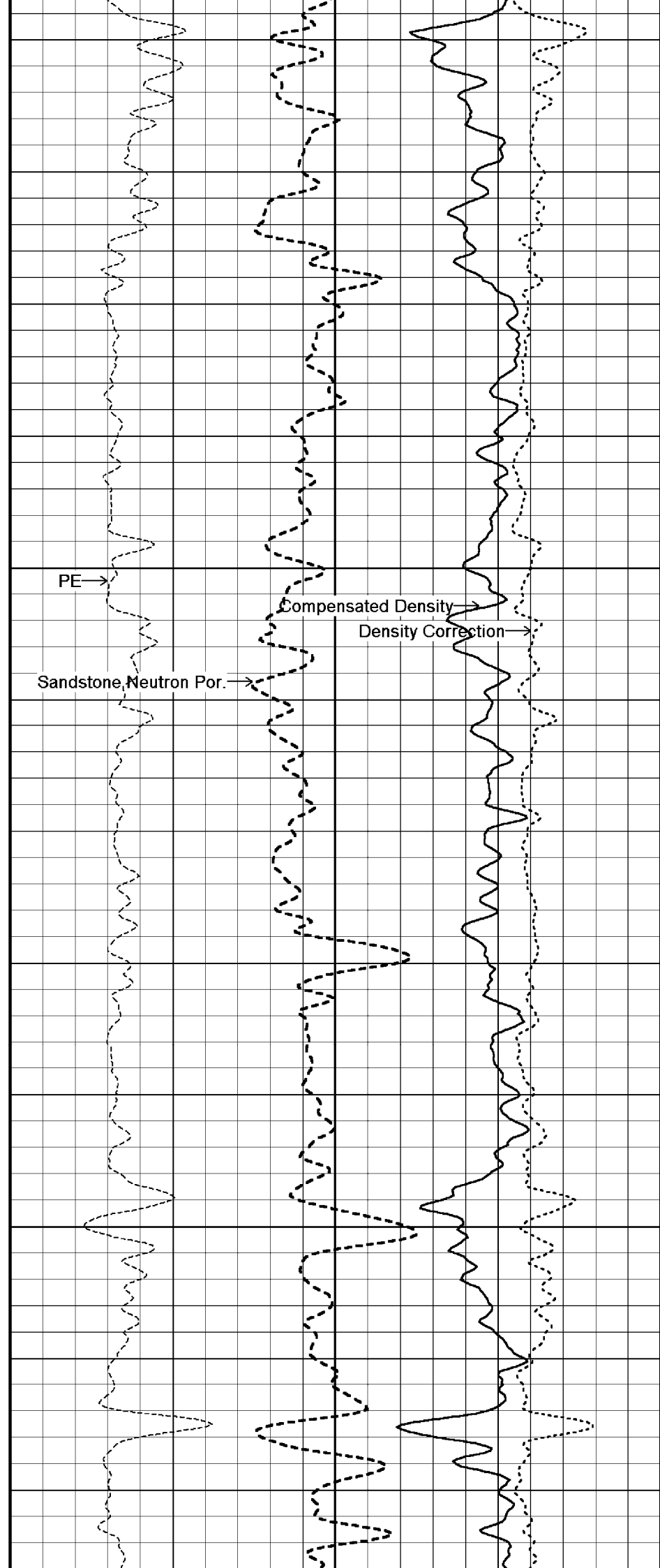
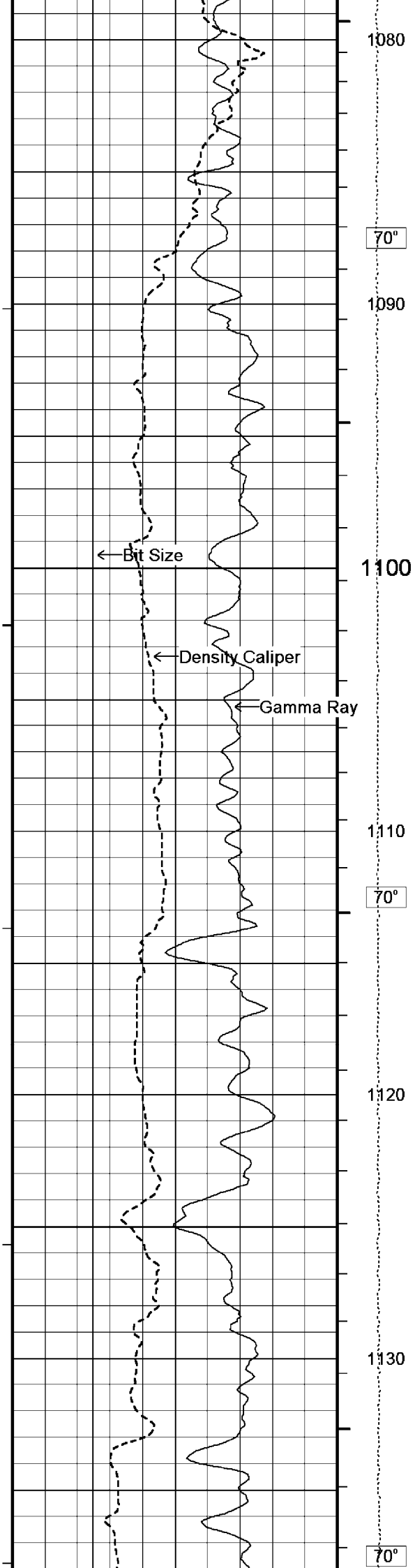


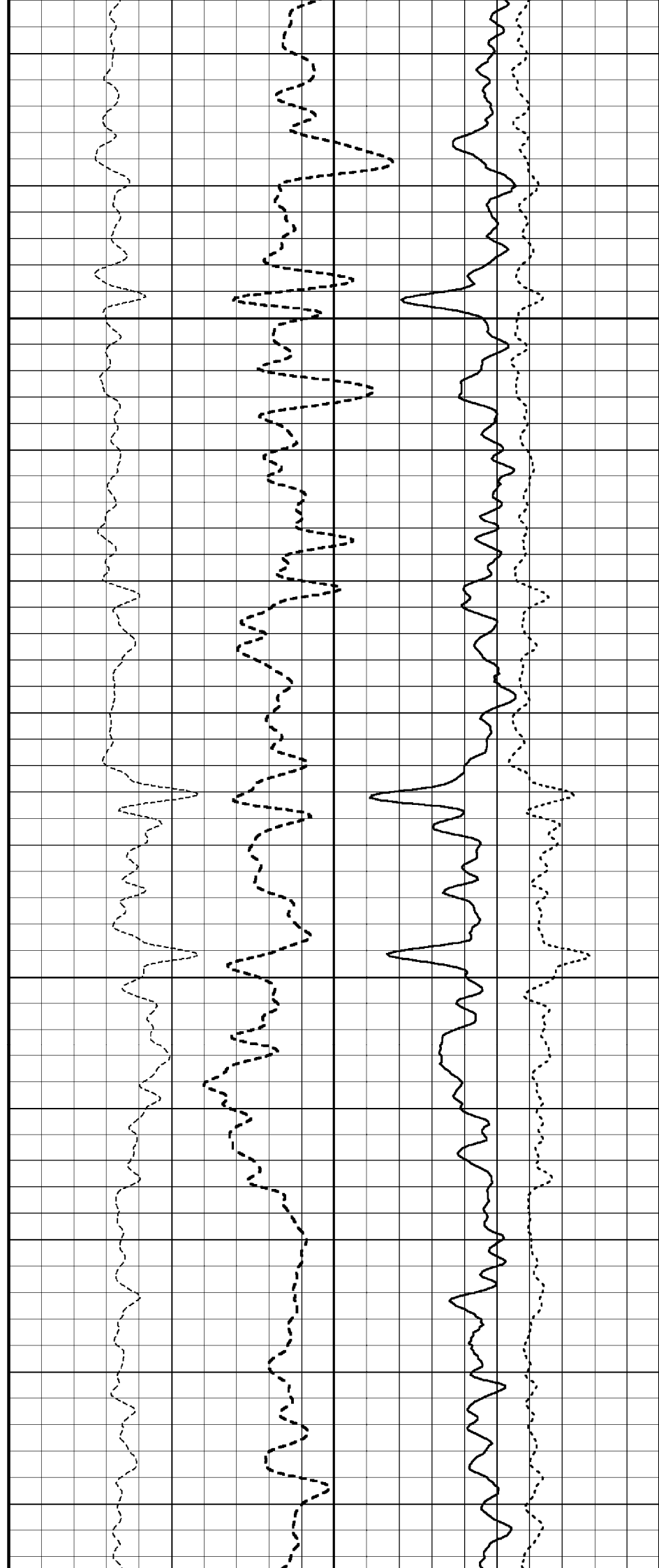
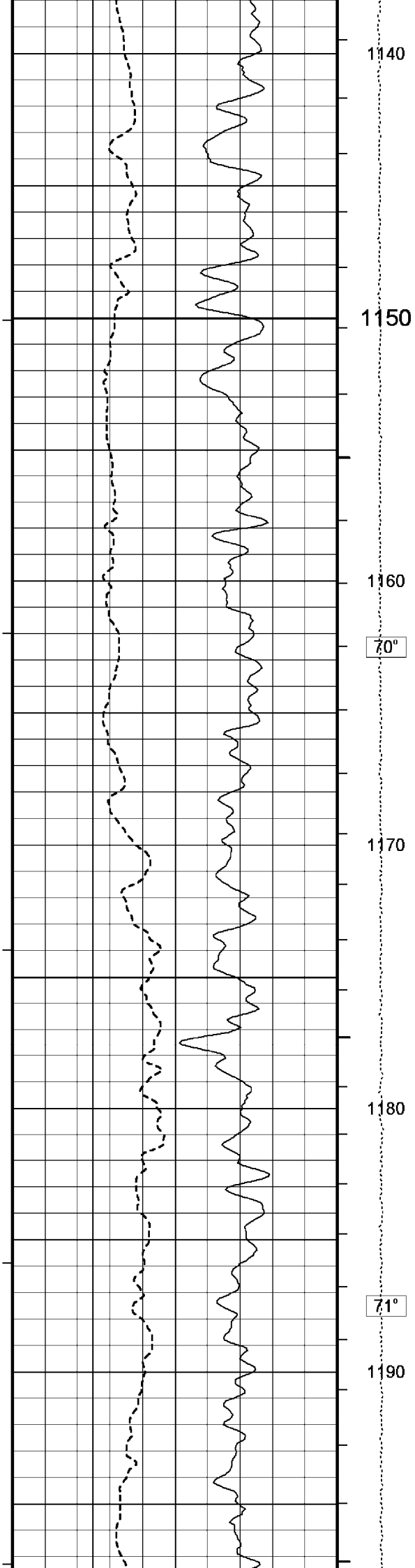


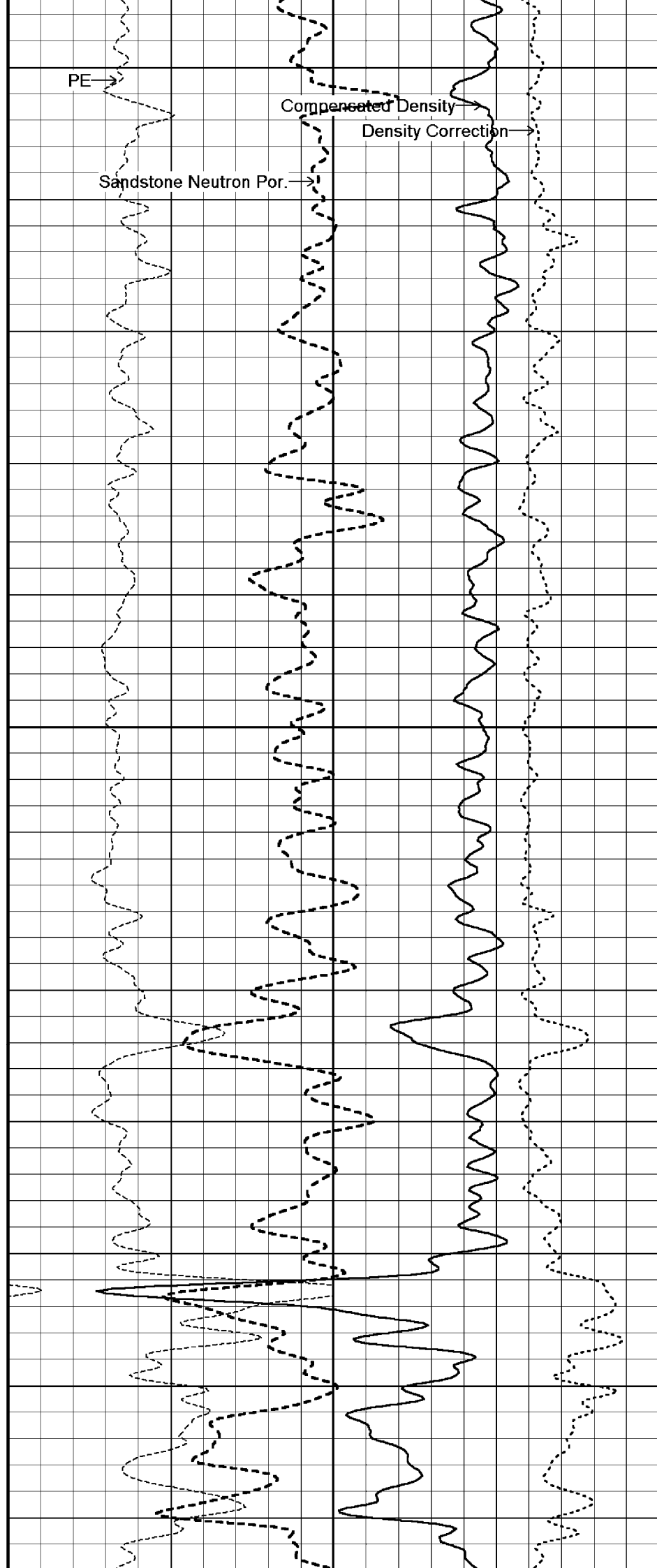
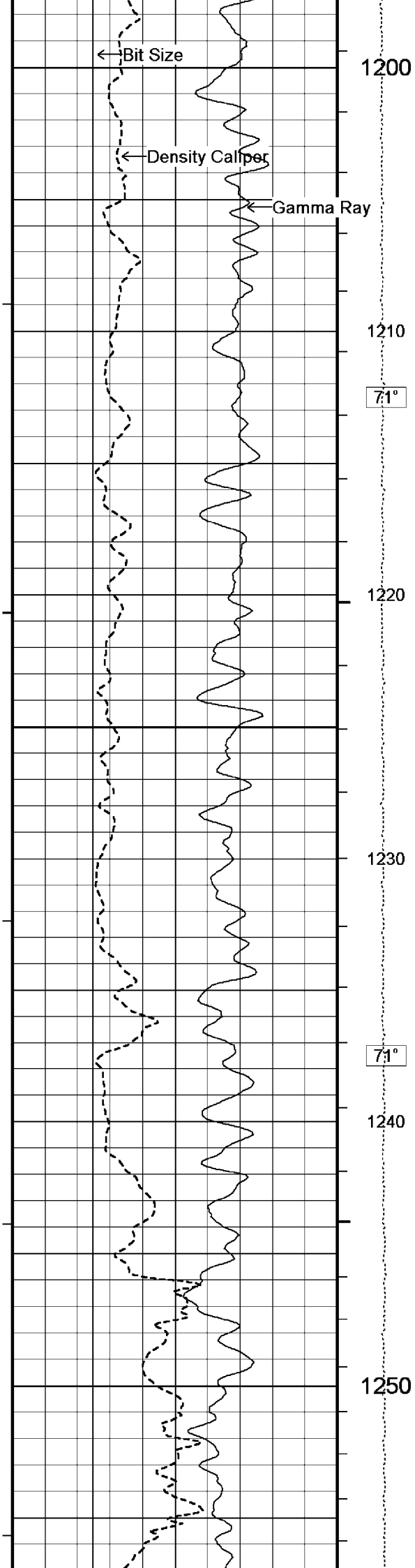


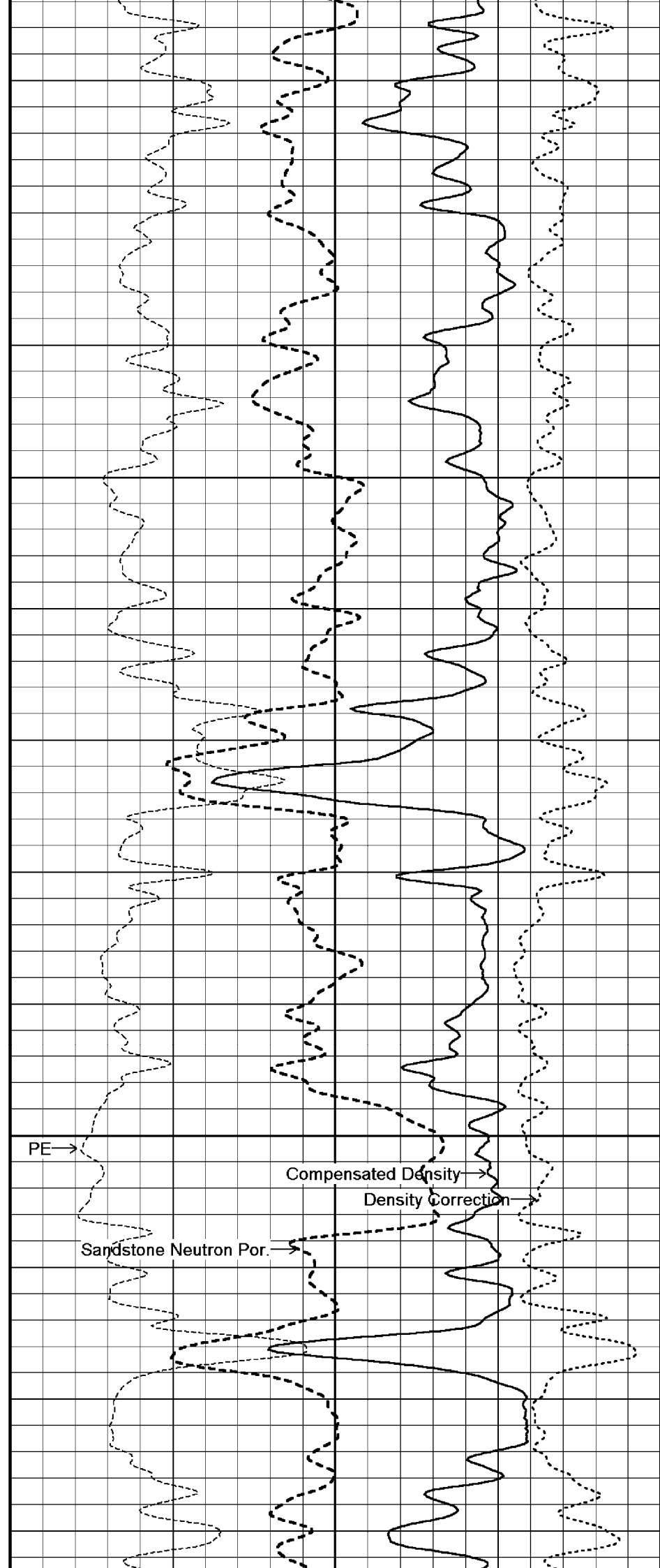
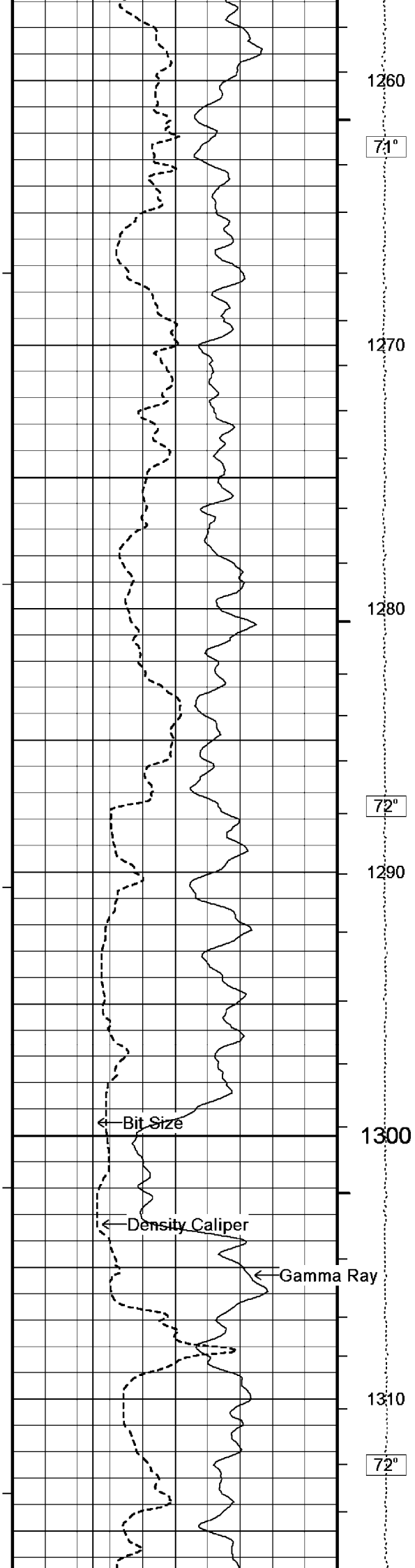


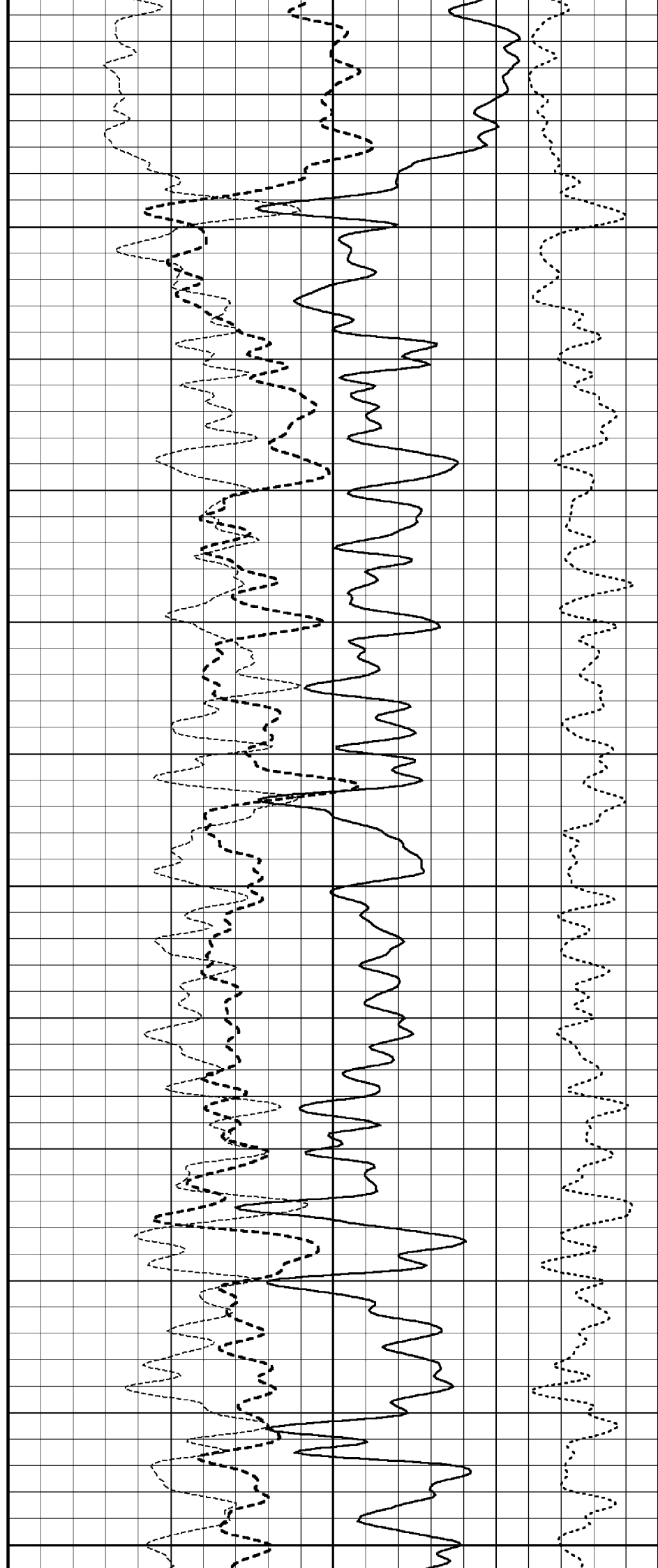
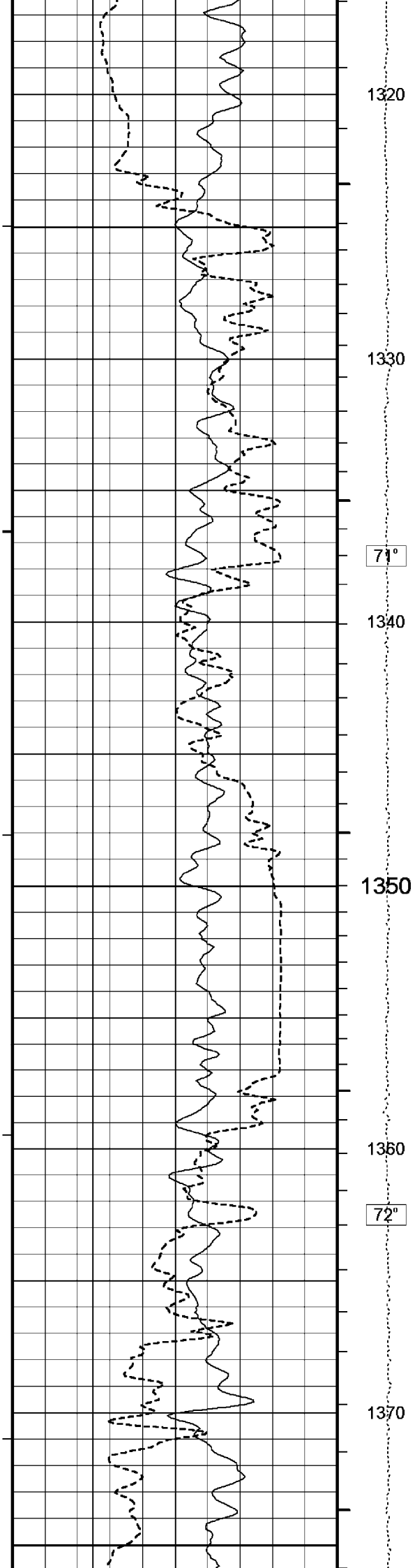


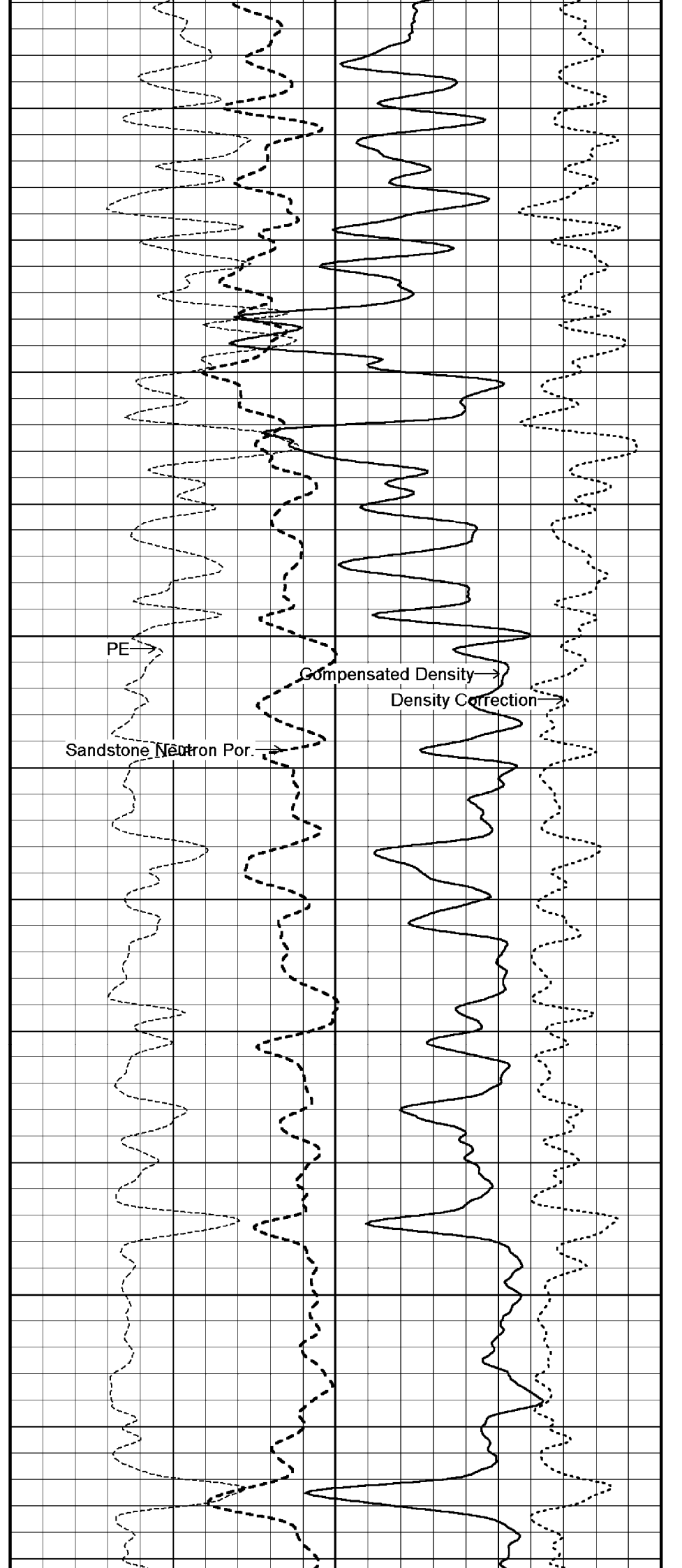
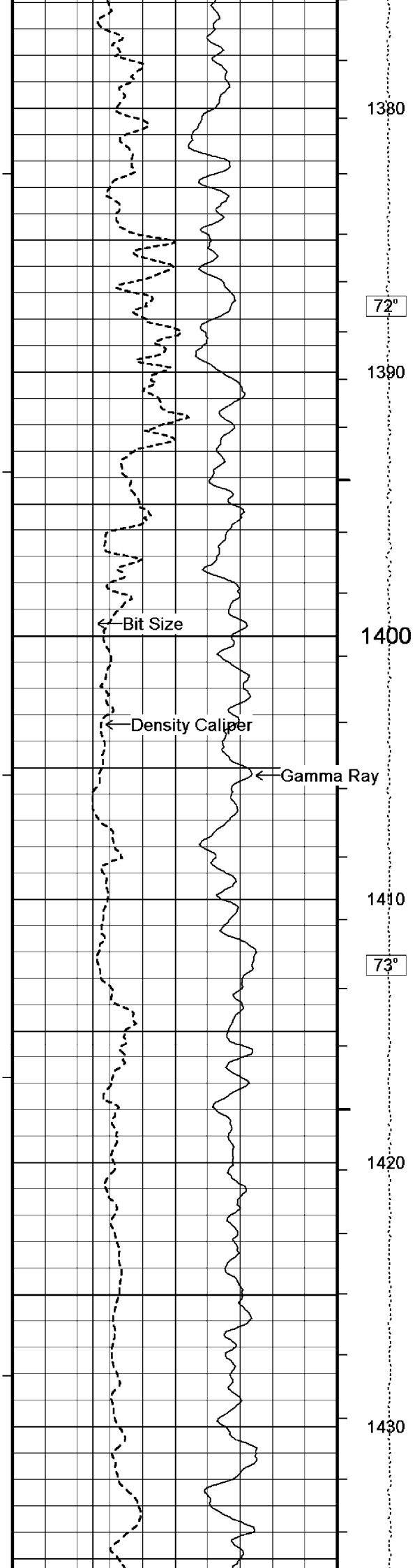


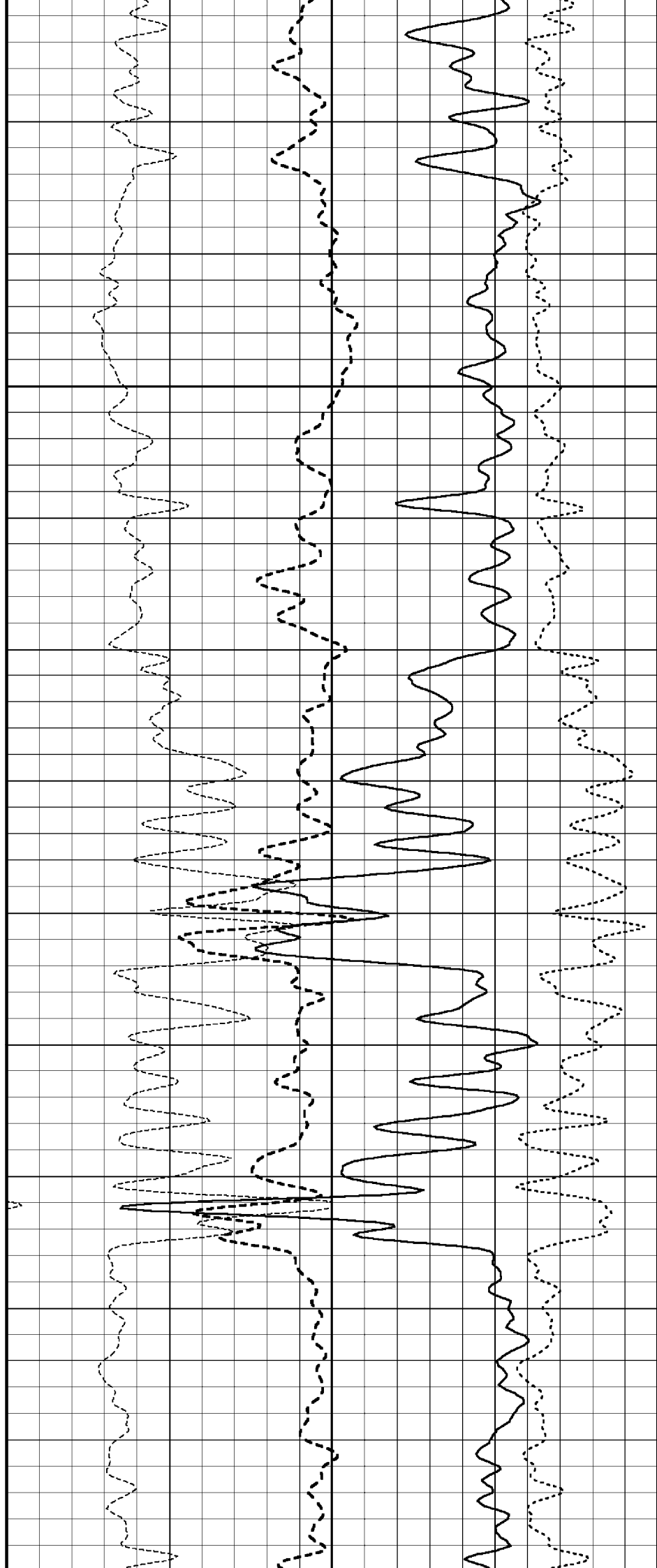
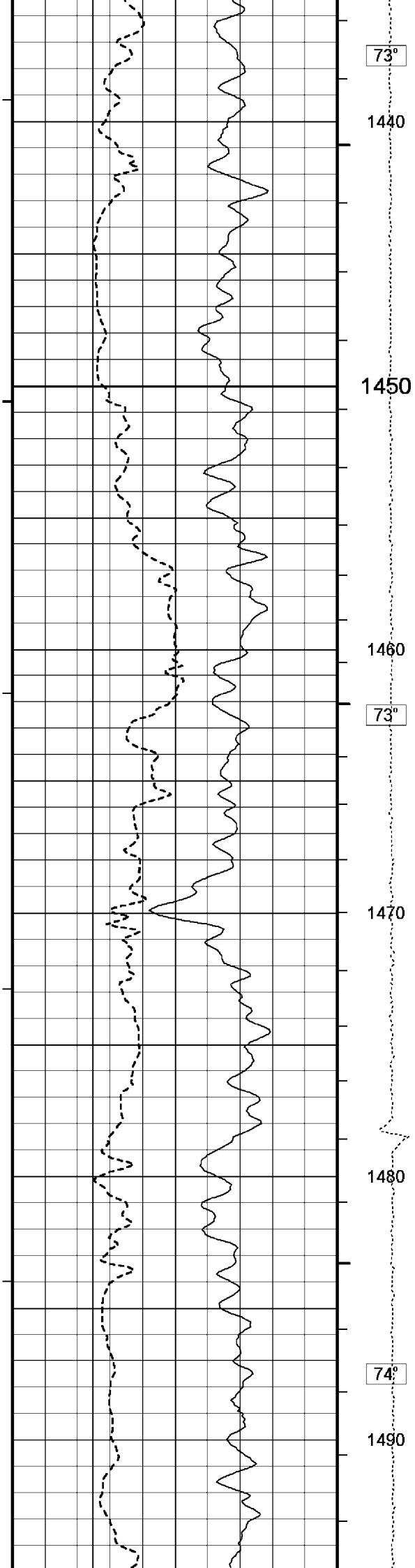


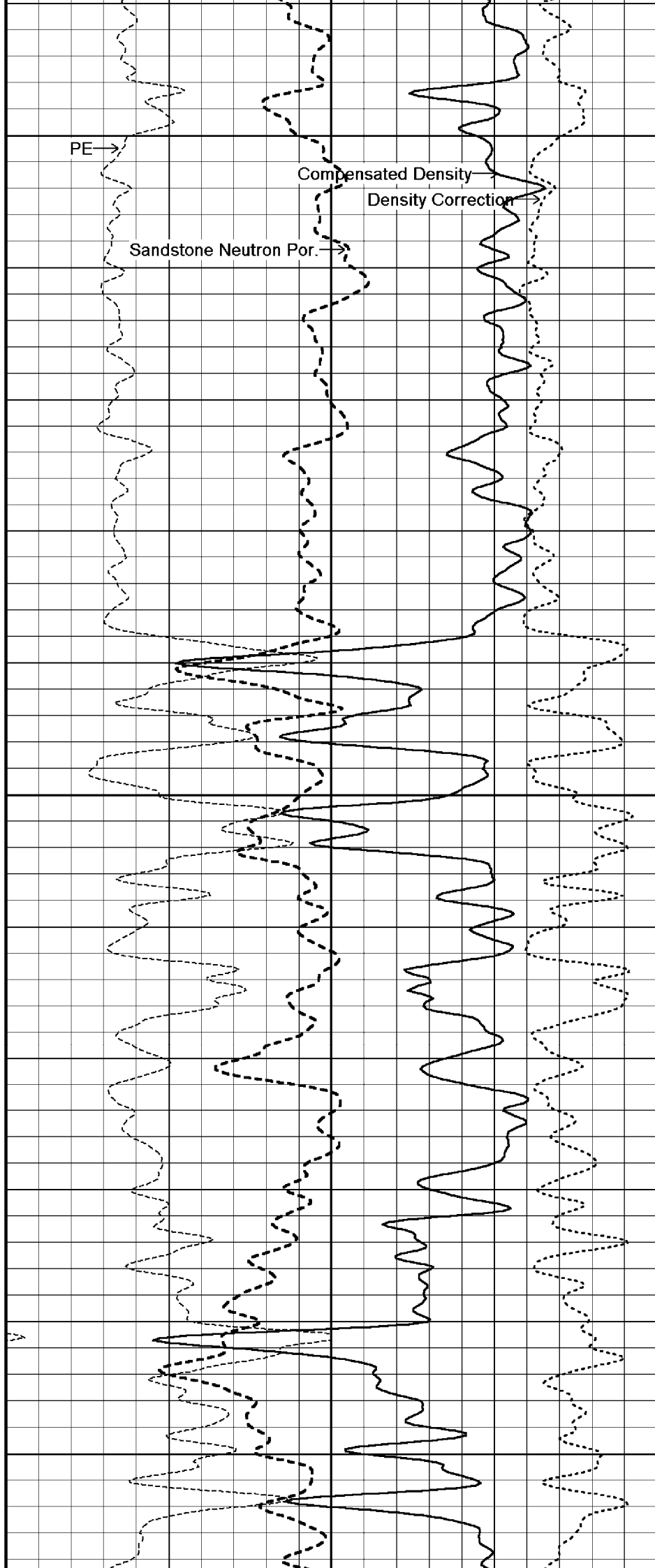
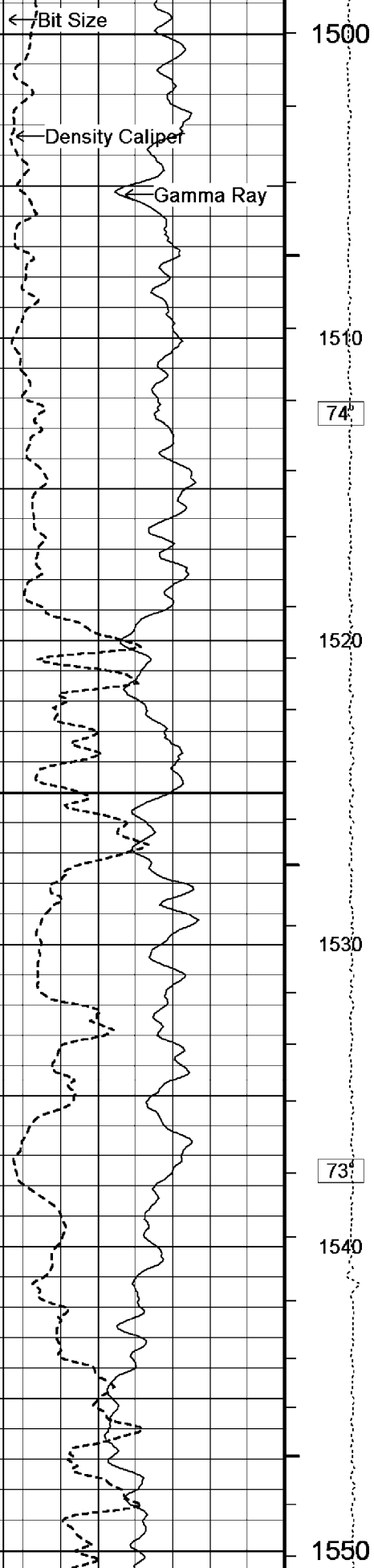


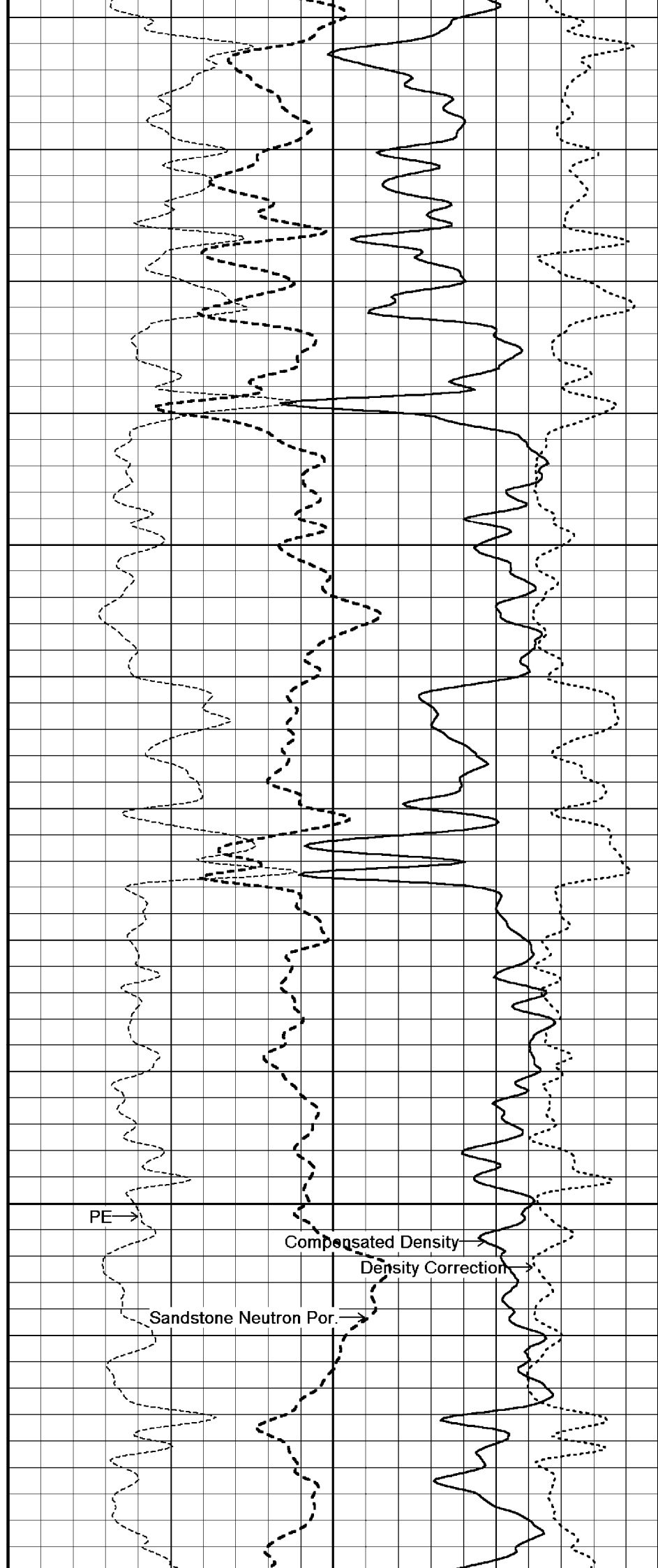
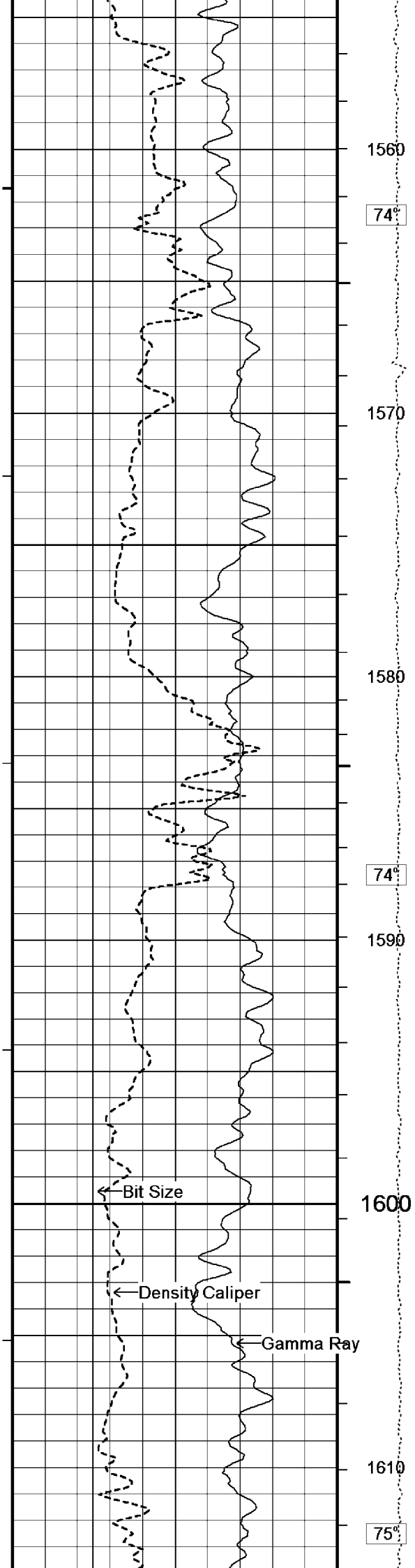


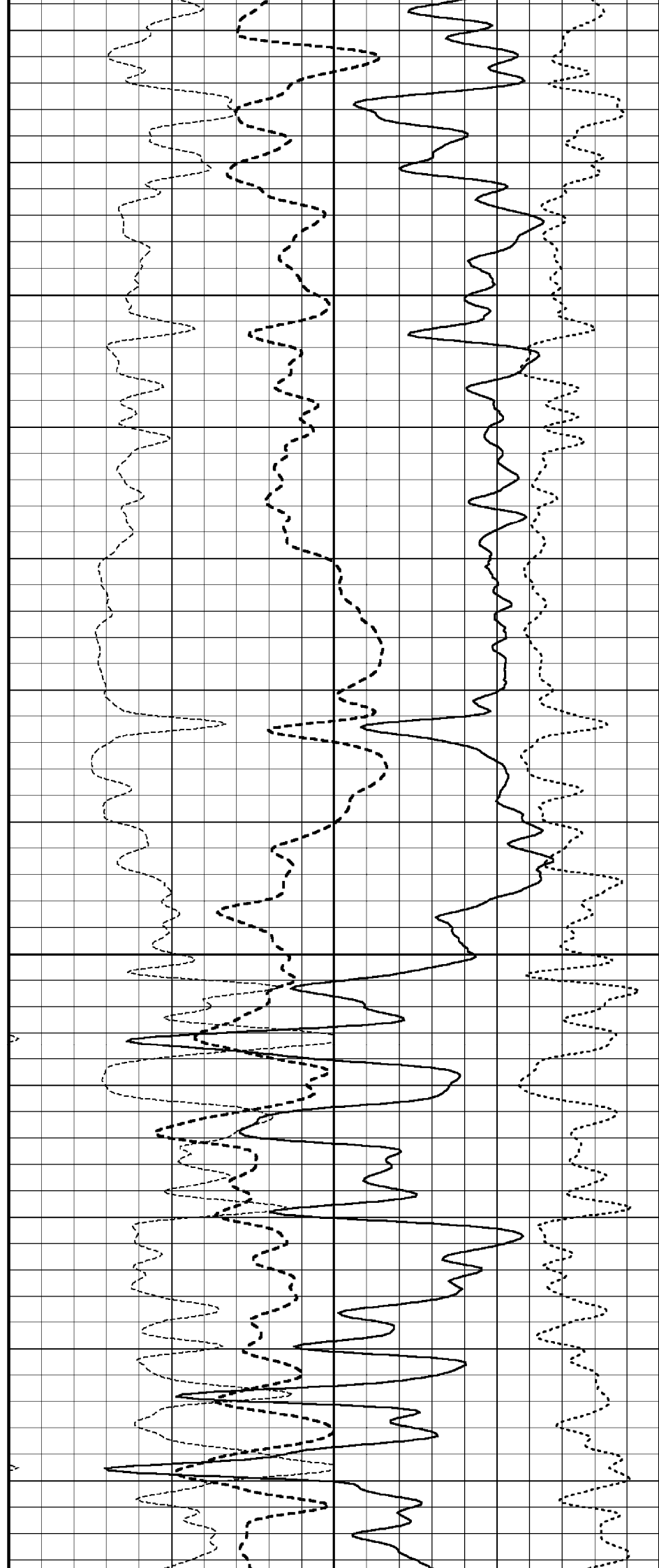
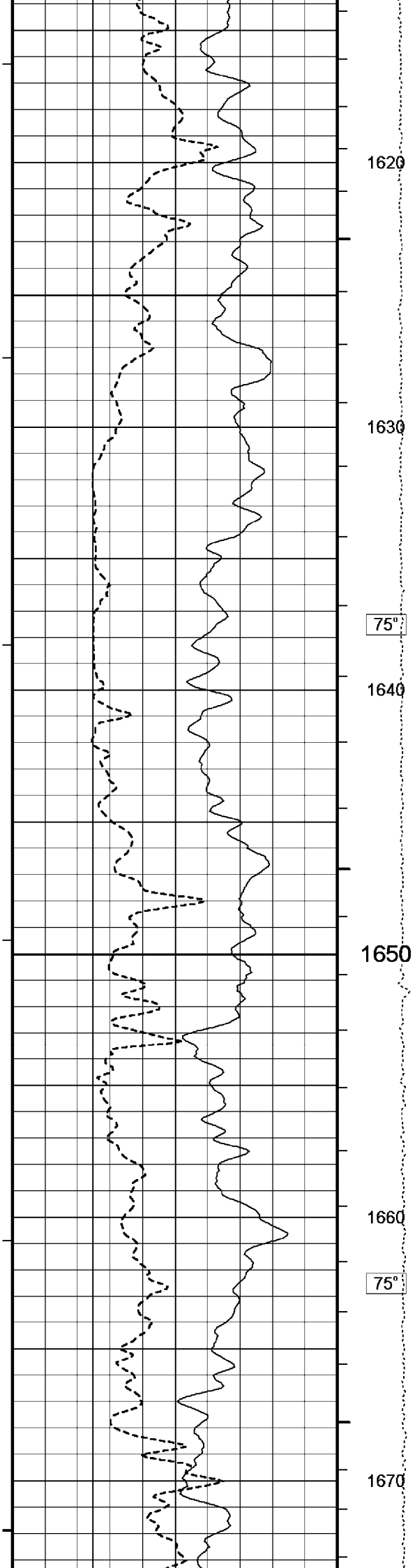


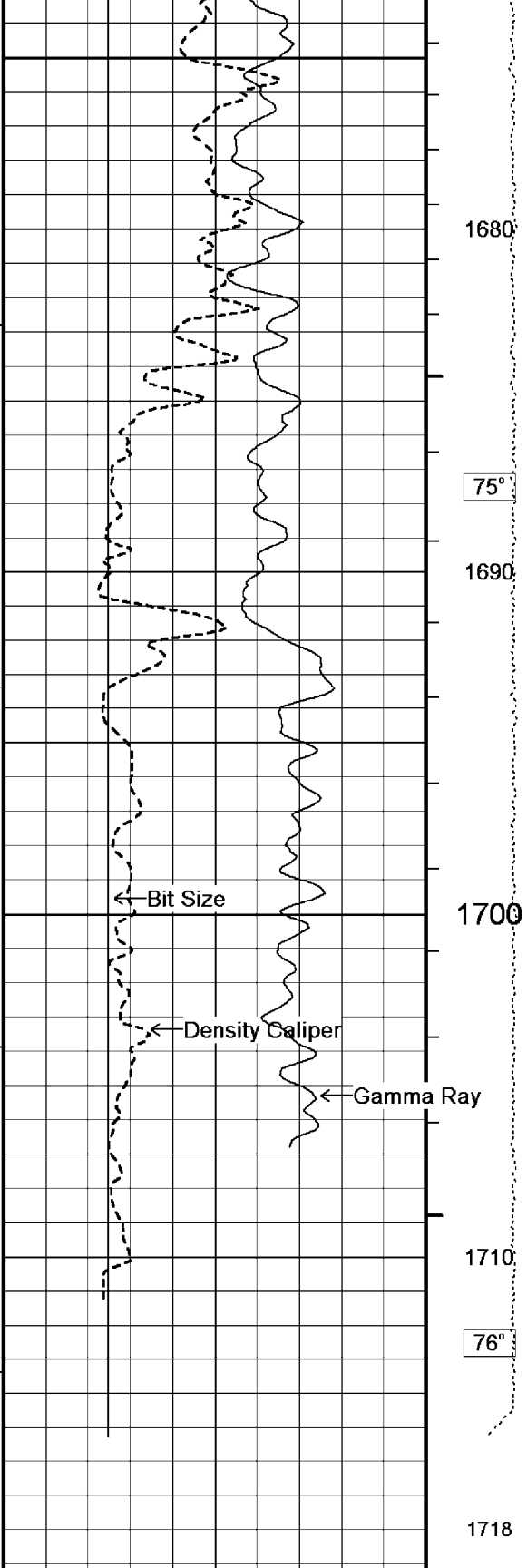




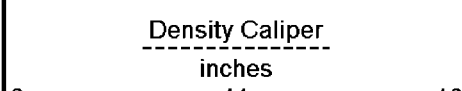
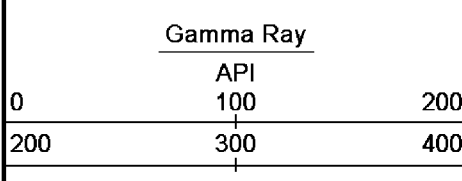








Timing Marks
every 60.0 sec

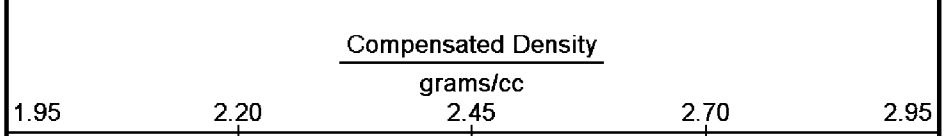
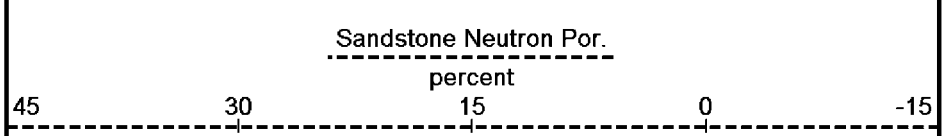
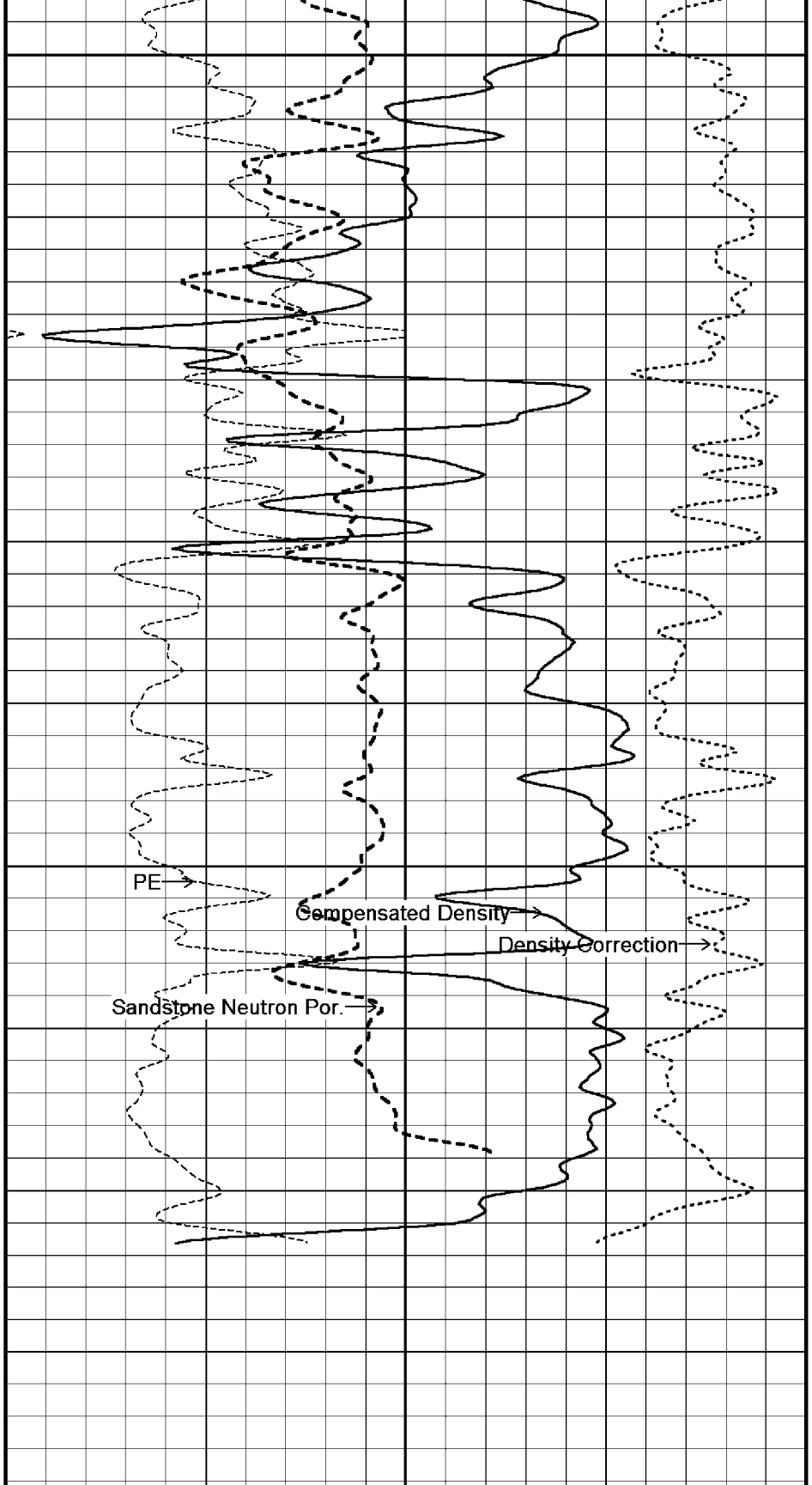


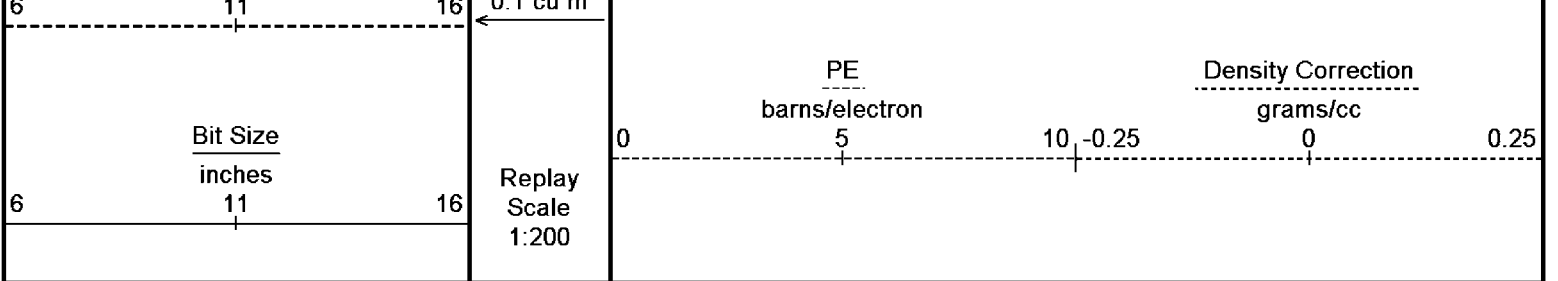
SMTU

0 3000

Borehole
Temp in
deg C

HVI
every
0.1 cu m





Depth Based Data - Maximum Sampling Increment 10.0cm

Plotted on 15-JAN-2008 15:48

Filename: C:\Data\LakesOil\Boola Boola 2\FFD\DPK\MDNMPD_002.dta

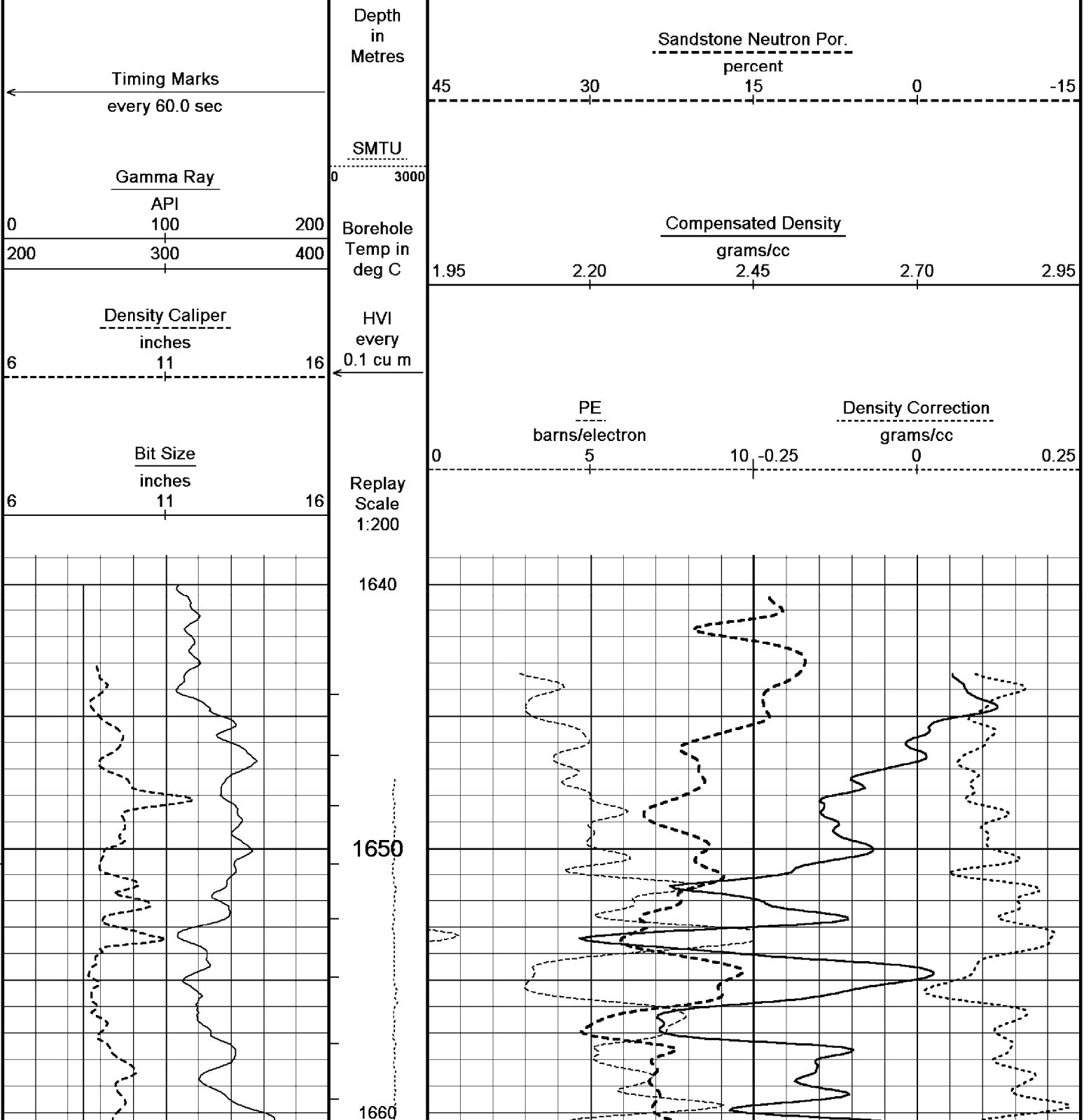
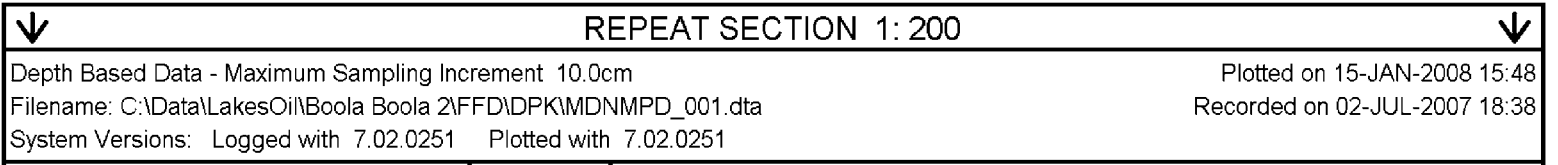
Recorded on 02-JUL-2007 18:53

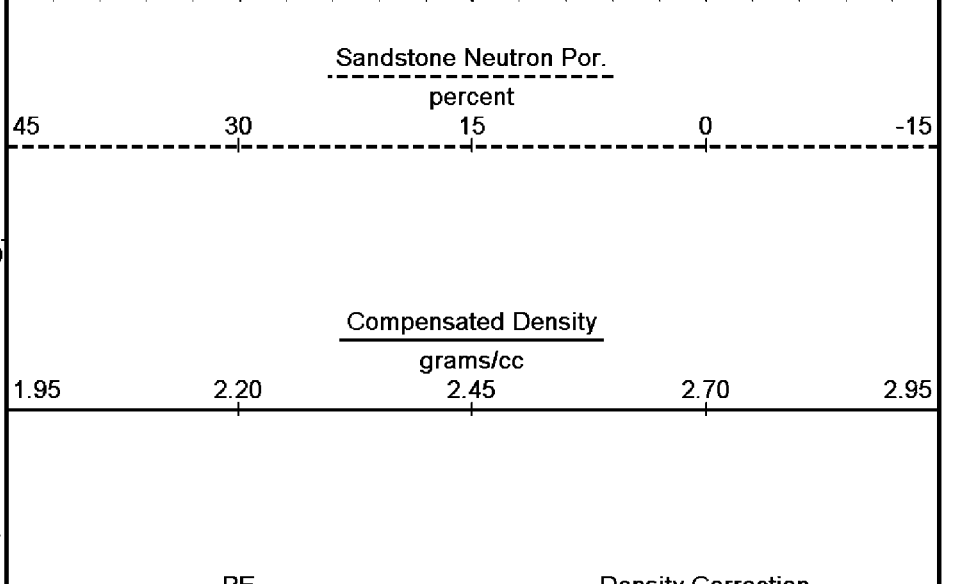
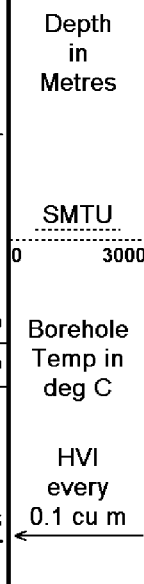
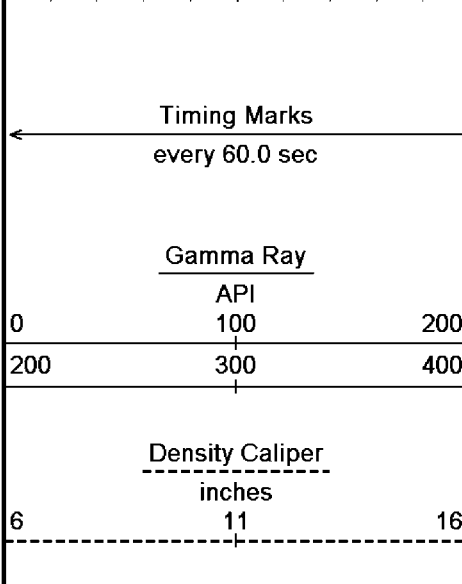
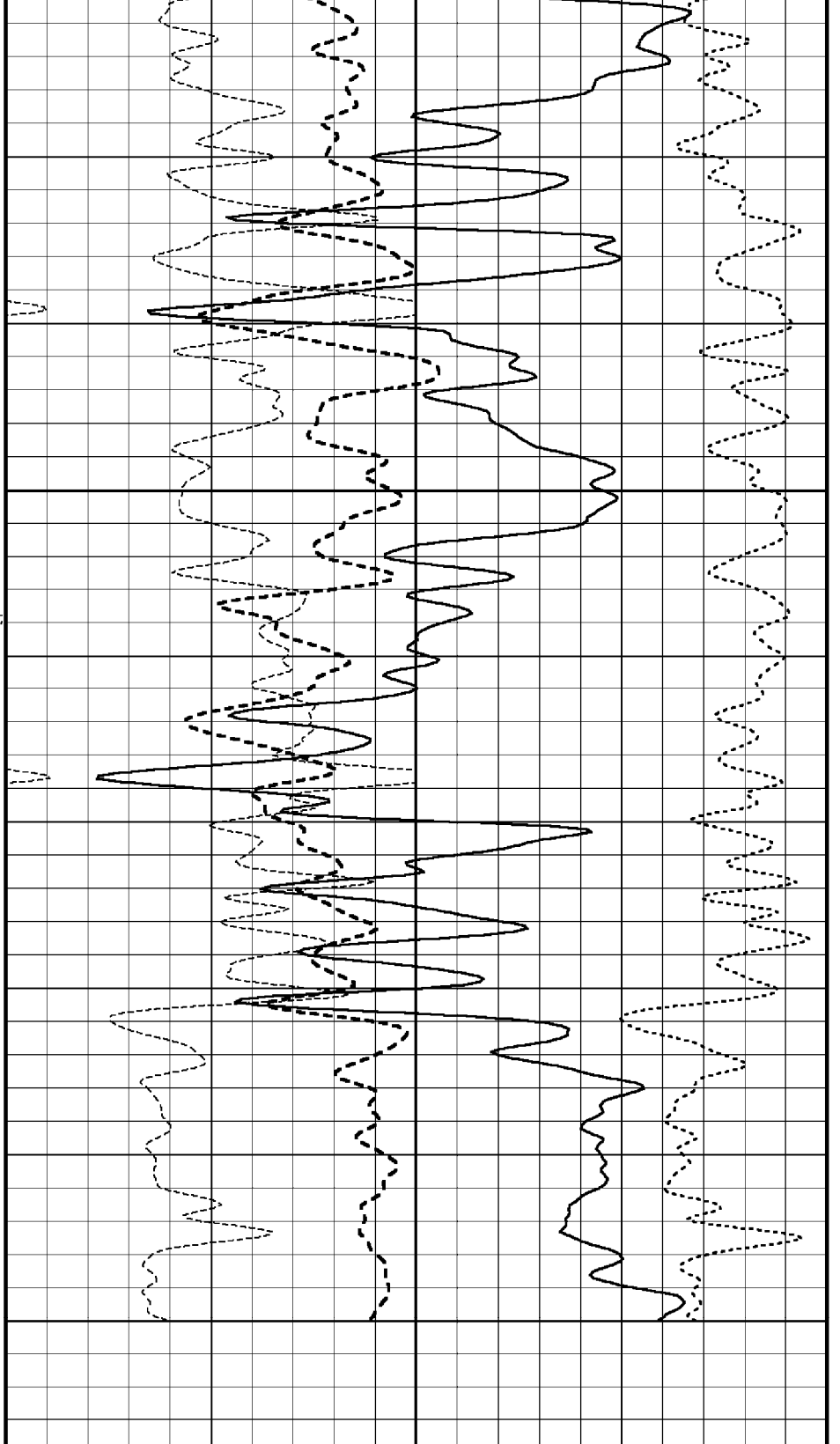
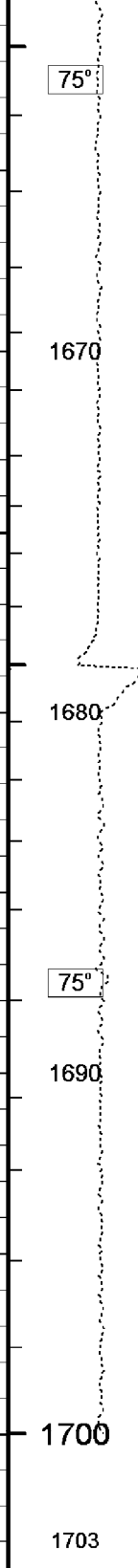
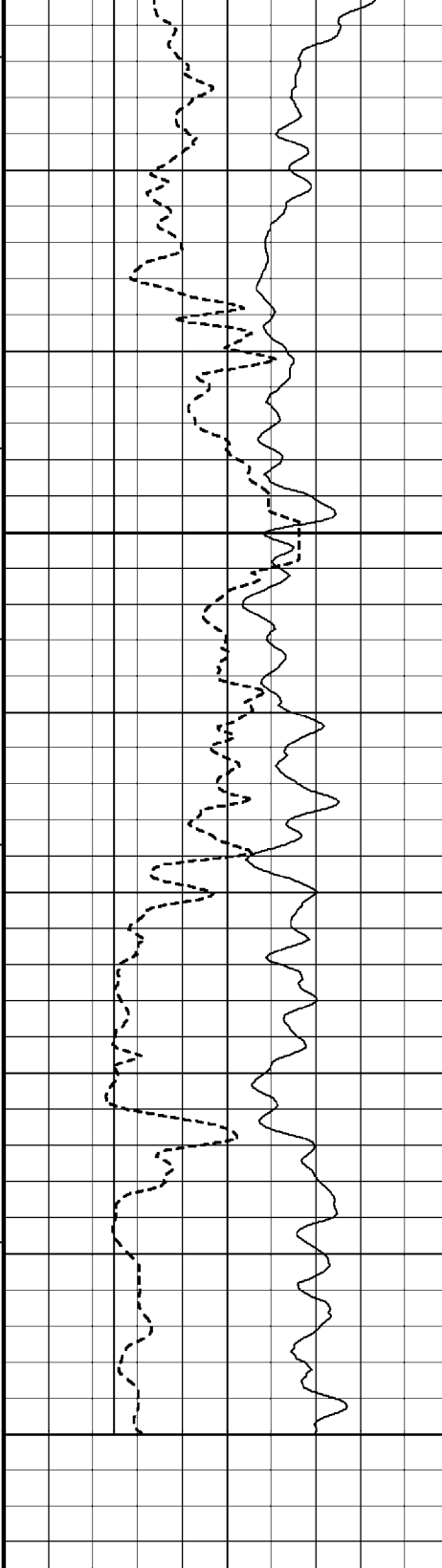
System Versions: Logged with 7.02.0251 Plotted with 7.02.0251

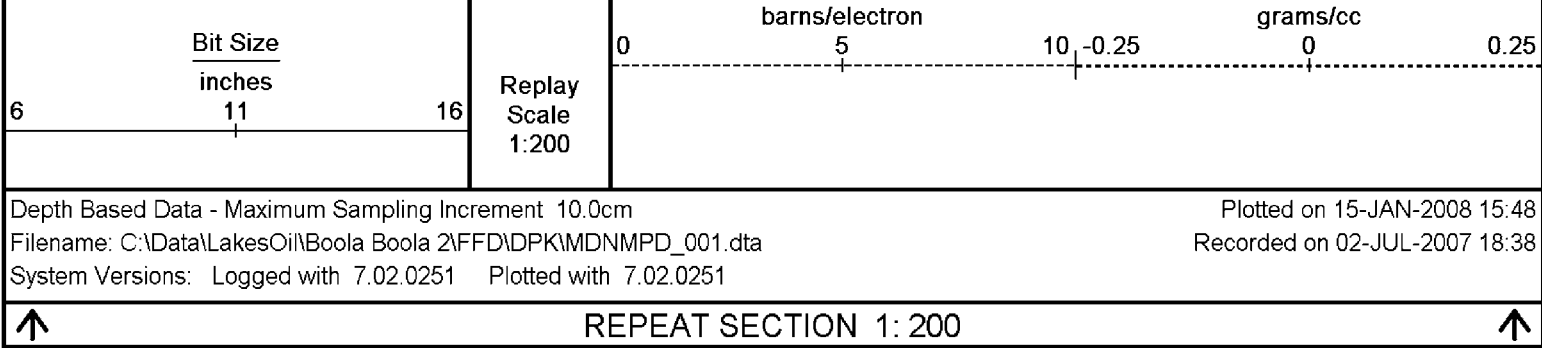
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MAIN LOG 1: 200

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BEFORE SURVEY CALIBRATION			
C:\Data\LakesOil\Boola Boola 2\FFD\DPK\MDNMPD_002.dta			
General Constants All 000		Last Edited on 2-JUL-2007,17:27	
General Parameters			
Mud Resistivity	0.615	ohm-metres	
Mud Resistivity Temperature	25.000	degrees C	
Water Level	0.000	metres	
Density/Neutron Processing	Wet Hole		
Hole/Annular Volume and Differential Caliper Parameters			
HVOL Caliper 1	Density Caliper		
HVOL Caliper 2	None		
Annular Volume Diameter	7.000	inches	
Caliper for Differential Caliper	None		
Rwa Parameters			
Porosity used	Base Density Porosity		
Resistivity used	Deep Induction		
RWA Constant A	0.610		
RWA Constant M	2.150		
Down-hole Tension Calibration SMS 000		Field Calibration on 28-MAY-2005 13:11	
Reading No	Measured	Calibrated (lbs)	
1	14102.70	0.00	
2	18957.76	2000.00	
High Resolution Temperature Calibration MCG 162		Field Calibration on 15-MAY-2007,16:22	
	Measured	Calibrated(Deg C)	
Lower	0.00	0.00	
Upper	100.00	100.00	
High Resolution Temperature Constants MCG 162			
Pre-filter Length	11		
SP Calibration MCG 162		Field Calibration on 15-MAY-2007,16:22	
	Measured	Calibrated (mV)	
Reference 1	82.0	82.0	
Reference 2	-82.0	-82.0	
Gamma Calibration MCG 162		Field Calibration on 2-JUL-2007 08:57	
	Measured	Calibrated (API)	
Background	38	26	
Calibrator (Gross)	759	516	
Calibrator (Net)	721	490	
Gamma Constants MCG 162		Last Edited on 19-JUN-2007,13:15	
Gamma Calibrator Number	128		
Mud Density	1.09	gm/cc	
Caliper Source for Processing	Density Caliper		
Tool Position	Eccentred		
Concentration of KCl	0.00	kppm	
Neutron Calibration MDN 085		Base Calibration on 5-JUN-2007 16:37 Field Check on 2-JUL-2007 17:19	
Base Calibration			

	Near	Measured	Far	Near	Calibrated (cps)	Far
	3155		97	3714		110
Ratio		32.470			33.764	
Field Calibrator at Base				Calibrated (cps)		
				2103		3099
Ratio					0.678	
Field Check				Calibrated (cps)		
				2326		3419
Ratio					0.680	

Neutron Constants MDN 085				Last Edited on 15-MAY-2007,17:00	
Neutron Source Id		802			
Neutron Jig Number		5243			
Epithermal Neutron		No			
Caliper Source for Processing	Density Caliper				
Stand-off		0.00	inches		
Mud Density		1.03	gm/cc		
Limestone Sigma		7.10	cu		
Sandstone Sigma		4.26	cu		
Dolomite Sigma		4.70	cu		
Formation Pressure Source		None			
Formation Pressure		N/A	kpsi		
Temperature Source	MCG External Temperature				
Temperature		N/A	degrees C		
Mud Salinity		6.08	kppm		
Formation Fluid Salinity Source	Constant Value				
Formation Fluid Salinity		0.00	kppm		
Barite Mud Correction	Not Applied				

Photo Density Calibration MPD 100				Base Calibration on 8-JUN-2007,14:31 Field Check on 2-JUL-2007 17:24	
Density Calibration					
Base Calibration		Measured		Calibrated (sdu)	
	Near	Far	Near	Far	
Reference 1	56157	18202	53111	19310	
Reference 2	23902	2078	24951	2630	
Field Check at Base					
	886.5	866.3			
Field Check					
	886.1	872.3			
PE Calibration					
Base Calibration		Measured		Calibrated	
	WS	WH	Ratio	Ratio	
Background	167	768			
Reference 1	16971	55980	0.304	0.320	
Reference 2	6241	23775	0.264	0.273	
Field Check at Base					
	166.5	768.2			
Field Check					
	164.5	768.2			

Density Constants MPD 100				Last Edited on 19-JUN-2007,13:16	
Density Source Id		293			
Nylon Calibrator Number		536			
Aluminium/Fe Calibrator Number		536			
Density Shoe Profile		8 inch			
Caliper Source for Processing	Density Caliper				
PE Correction to Density	Not Applied				
Mud Density		1.09	gm/cc		
Mud Density Z/A Correction		1.11			
Mud Filtrate Density		1.00	gm/cc		
Dry Hole Mud Filtrate Density		1.00	gm/cc		
DNCT		0.00	gm/cc		
CRCT		0.00	gm/cc		
Matrix Density (gm/cc)	Depth (m)				
2.71	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

Caliper Calibration MPD 100

Base Calibration on 8-JUN-2007 14:25
Field Calibration on 19-JUN-2007 12:44

Base Calibration		
Reading No	Measured	Calibrator Size (in)
1	15616	4.01
2	24080	5.99
3	32720	7.98
4	41312	9.94
5	50832	12.01
6	N/A	N/A
Field Calibration		
	Measured Caliper (in)	Actual Caliper (in)
	7.94	7.98

Induction Calibration MAI 088

Base Calibration on 27-NOV-2006,11:40
Field Check on 2-JUL-2007 08:59

Base Calibration					
Test Loop Calibration		Measured		Calibrated (mmho/m)	
Channel	Low	High	Low	High	
1	15.3	467.1	9.3	966.2	
2	4.6	371.6	7.6	821.4	
3	2.4	248.0	5.2	566.0	
4	0.8	128.6	2.6	279.2	
Array Temperature		19.3	Deg C		
Channel		Base Check (mmho/m)		Field Check (mmho/m)	
		Low	High	Low	High
1		17.2	3915.2	15.9	3913.4
2		34.4	3651.1	33.9	3649.8
3		32.2	3208.9	31.9	3208.0
4		22.5	2151.2	22.3	2150.8
Deep		20.1	2106.9	19.8	2106.7
Medium		46.4	4258.3	45.9	4256.9
Shallow		51.1	5363.5	50.2	5361.2
Array Temperature		19.0		12.1	Deg C

Induction Constants MAI 088

Last Edited on 12-JUN-2007,10:15

Induction Model		VECTAR	
Caliper for Borehole Corr.		Bit Size	
Hole Size for Borehole Correction		N/A	inches
Stand-off		2.00	inches
Number of Fins on Stand-off		6.0000	
Stand-off Fin Width		0.5000	inches
Borehole Corr. Rm Source		Temperature Corr	
Temp. for Rm Corr.		MCG External Temperature	
Squasher Start		0.0020	mhos/metre
Borehole Normalisation			
DRM1	0.0000	DRC1	0.0000
DRM2	0.0000	DRC2	0.0000
MRM1	0.0000	MRC1	0.0000
MRM2	0.0000	MRC2	0.0000
SRM1	0.0000	SRC1	0.0000
SRM2	0.0000	SRC2	0.0000
Calibration Site Corrections			
Channel 1		0.00	mmhos/metre
Channel 2		0.00	mmhos/metre
Channel 3		0.00	mmhos/metre
Channel 4		0.00	mmhos/metre
Apparent Porosity and Water Saturation Constants			
Archie Constant (A)		1.00	
Cementation Exponent (M)		2.00	

Saturation Exponent (N)	2.00	
Saturation of Water for Apor	100.00	percent
Resistivity of Water for Apor and Sw	0.05	ohm-m
Resistivity of Mud Filtrate for Sw	0.00	ohm-m

High Resolution Temperature Calibration MAI 088

Field Calibration on 21-AUG-2004,11:08

	Measured	Calibrated(Deg C)
Lower	0.00	0.00
Upper	100.00	100.00

High Resolution Temperature Constants MAI 088

Pre-filter Length	11
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DOWNHOLE EQUIPMENT

C:\Data\LakesOil\Boola Boola 2\FFD\DPK\MDNMPD_002.dta

Compact Gamma MCG 162 Length: 2.65 m	Weight: 63.9 lb	8.79 m	GRGC - Gamma Ray
Compact Neutron MDN 85 Length: 1.53 m	Weight: 50.7 lb	6.83 m	NPRL - Limestone Neutron Por.
Compact Density/Caliper MPD 100 Length: 2.92 m	Weight: 90.4 lb	4.24 m	HVOL - Hole Volume
		4.24 m	CLDC - Density Caliper
		4.03 m	DCOR - Density Correction
		4.03 m	DEN - Compensated Density
		4.01 m	PDPE - PE
Compact Induction MAI 88 Length: 3.29 m	Weight: 48.5 lb	0.00 m	IHTF - Borehole Temperature
		Tool Zero	(0.04m from bottom)
			All measurements relative to tool zero.
Total	Length: 10.40 m	Weight: 253.5 lb	

COMPANY	LAKES OIL N.L.
WELL	BOOLA BOOLA 2
FIELD	WILDCAT
PROVINCE/COUNTY	VICTORIA
COUNTRY/STATE	AUSTRALIA

Elevation Kelly Bushing	45.20	metres	First Reading	1712.00	metres
Elevation Drill Floor	45.00	metres	Depth Driller	1887.00	metres
Elevation Ground Level	40.00	metres	Depth Logger	1713.00	metres



GAMMA, DENSITY
COMPENSATED NEUTRON
1:200

Weatherford®