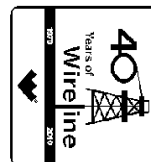


**Weatherford****COMPACT TRIPLE COMBO
QUICKLOOK
LOG**

COMPANY **BILL BARRETT CORPORATION**
WELL **MILLER 33D-6-791**
FIELD **GIBSON GULCH**
PROVINCE/COUNTY **GARFIELD**
COUNTRY/STATE **U.S.A. / COLORADO**
LOCATION **SHL: 38' FNL & 2404' FEL**
BHL: 165' FNL 2080' FEL



SEC **6** TWP **7S** RGE **91W** Other Services
API Number **05-045-18667**
Permit Number

Permanent Datum G.L., Elevation 6291 feet
Log Measured From K.B. @ 22FEET above Permanent Datum
Drilling Measured From K.B.

Elevations:
KB 6288.00
DF 6287.00
GL 6266.00

Date	17-JAN-2011	
Run Number	ONE	
Depth Driller	7145.00	feet
Depth Logger	7144.00	feet
First Reading	7141.00	
Last Reading	742.00	
Casing Driller	746.00	feet
Casing Logger	742.00	feet
Bit Size	7.875	inches
Hole Fluid Type	LSND	
Density / Viscosity	10.30 lb/USg	55.00 CP
PH / Fluid Loss	11.00	5.80 ml/30Min
Sample Source	FLOW LINE	
Rm @ Measured Temp	5.60 @ 70.0	ohm-m
Rmf @ Measured Temp	4.48 @ 70.0	ohm-m
Rmc @ Measured Temp	6.72 @ 70.0	ohm-m
Source Rmf / Rmc	CALC	CALC
Rm @ BHT	2.39 @167.0	ohm-m
Time Since Circulation	6 HOURS	
Max Recorded Temp	167.00	deg F
Equipment Name	COMPACT	
Equipment / Base	13037	RK SPR
Recorded By	J. PAULSON	
Witnessed By	R. SCHULTZ	

BOREHOLE RECORD

Last Edited: 17-JAN-2011 14:00

Bit Size inches	Depth From feet	Depth To feet
8.750	746.00	4565.00
7.875	4565.00	7145.00

CASING RECORD

Type	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft
SURFACE	9.625	0.00	746.00	36.00

REMARKS

TOOLS: SHA, MCG, MDN, MPD, SKJ, MFE, AND MAI RAN IN COMBINATION

HARDWARE: MPD: (1) 8 INCH PROFILE PLATE
MAI: (2) 1 INCH STANDOFF
MDN: (1) DUAL BOWSPRING

2.68 G/CC DENSITY MATRIX USED TO CALCULATE POROSITY.

ALL INTERVALS LOGGED AND SCALED PER CUSTOMER'S REQUEST.

TIGHT PULLS, BOREHOLE SIZE, AND RUGOSITY WILL AFFECT REPEATABILITY AND DATA QUALITY.

TOTAL HOLE VOLUME FROM TD TO SURFACE CASING = 2580 CU.FT.

ANNULAR VOLUME WITH 4.5 INCH PRODUCTION CASING = 1870 CU.FT.

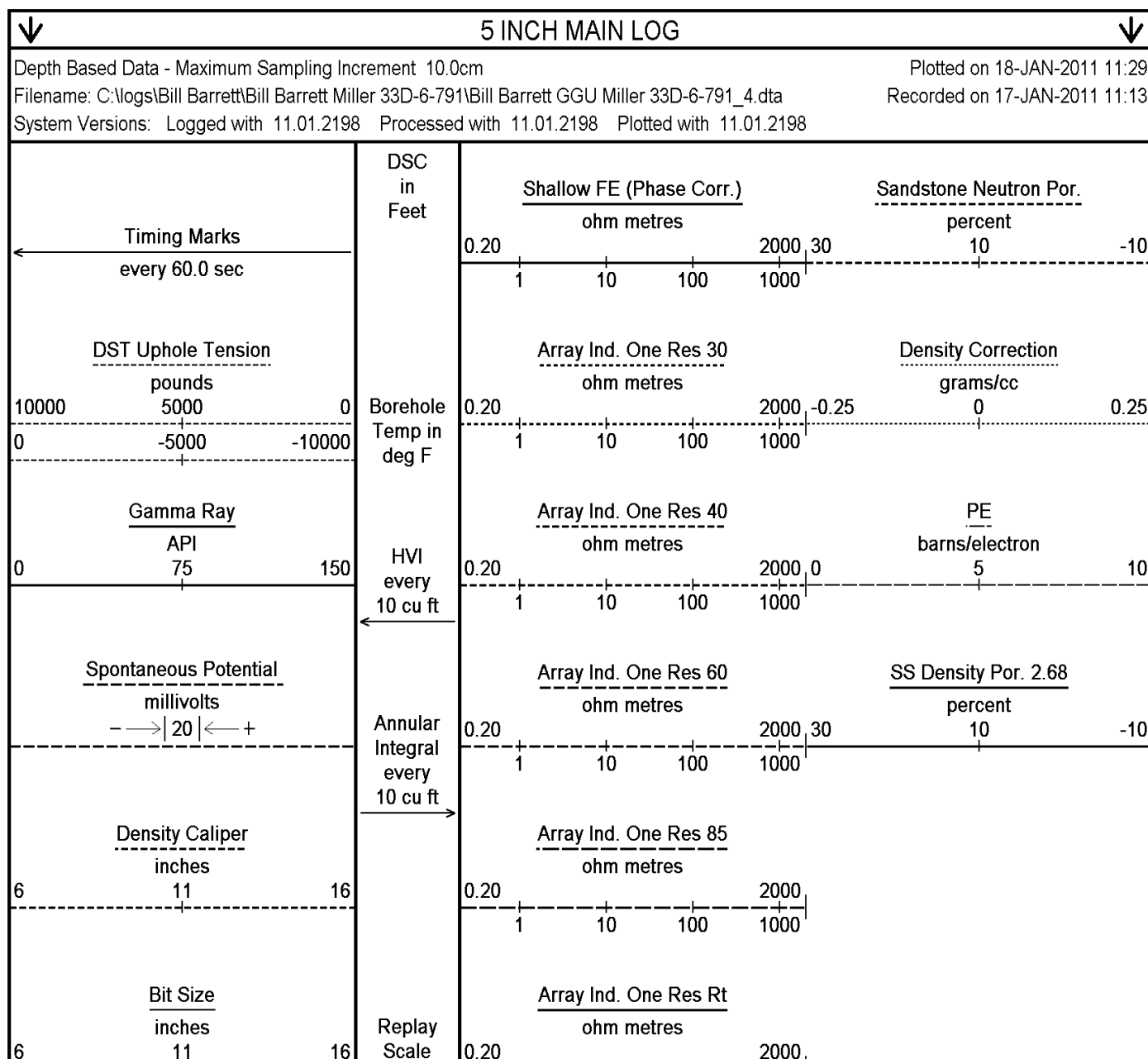
ENGINEER(S): J. PAULSON

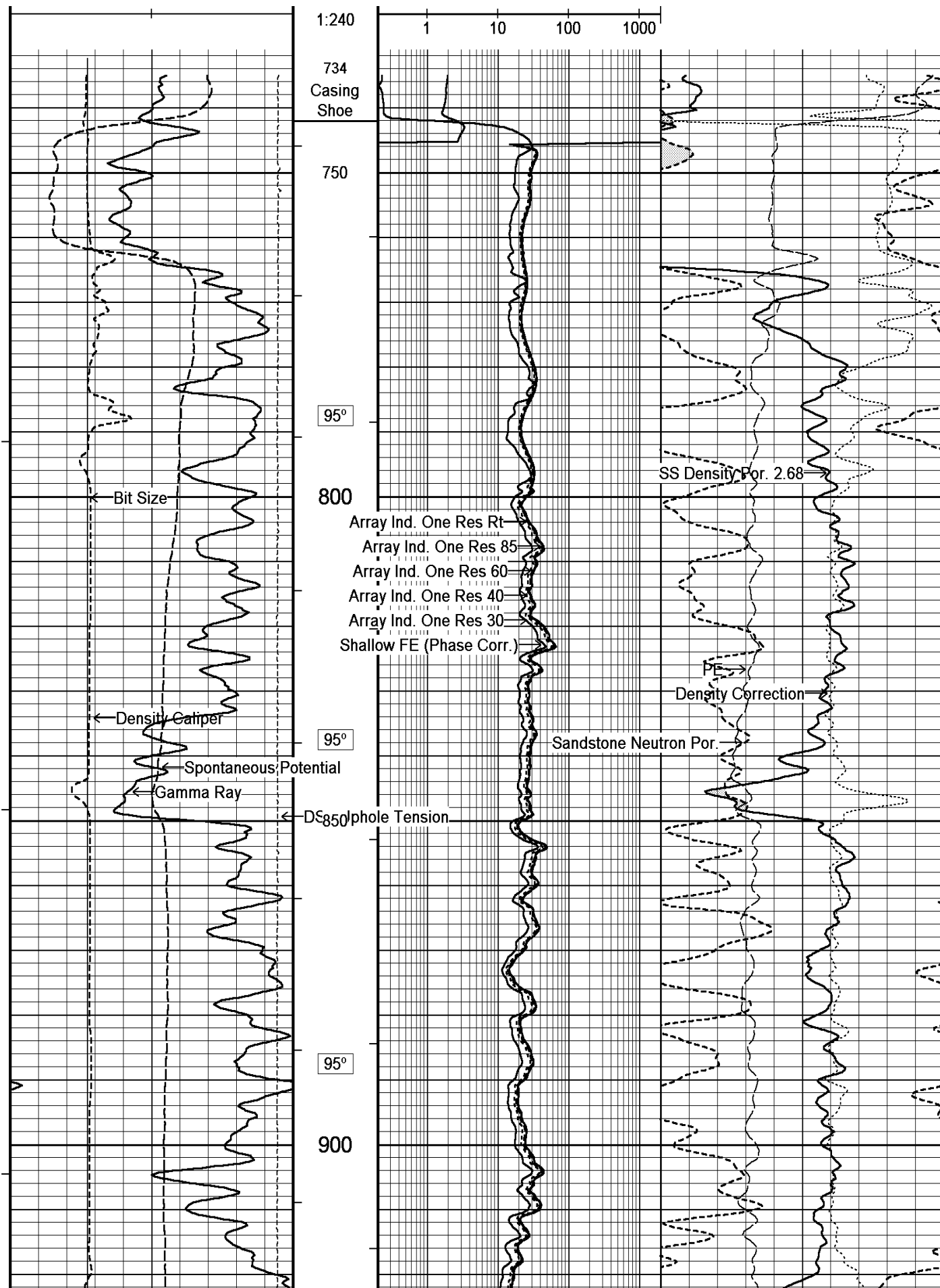
OPERATOR(S): B. PECK, C. FINSTAD

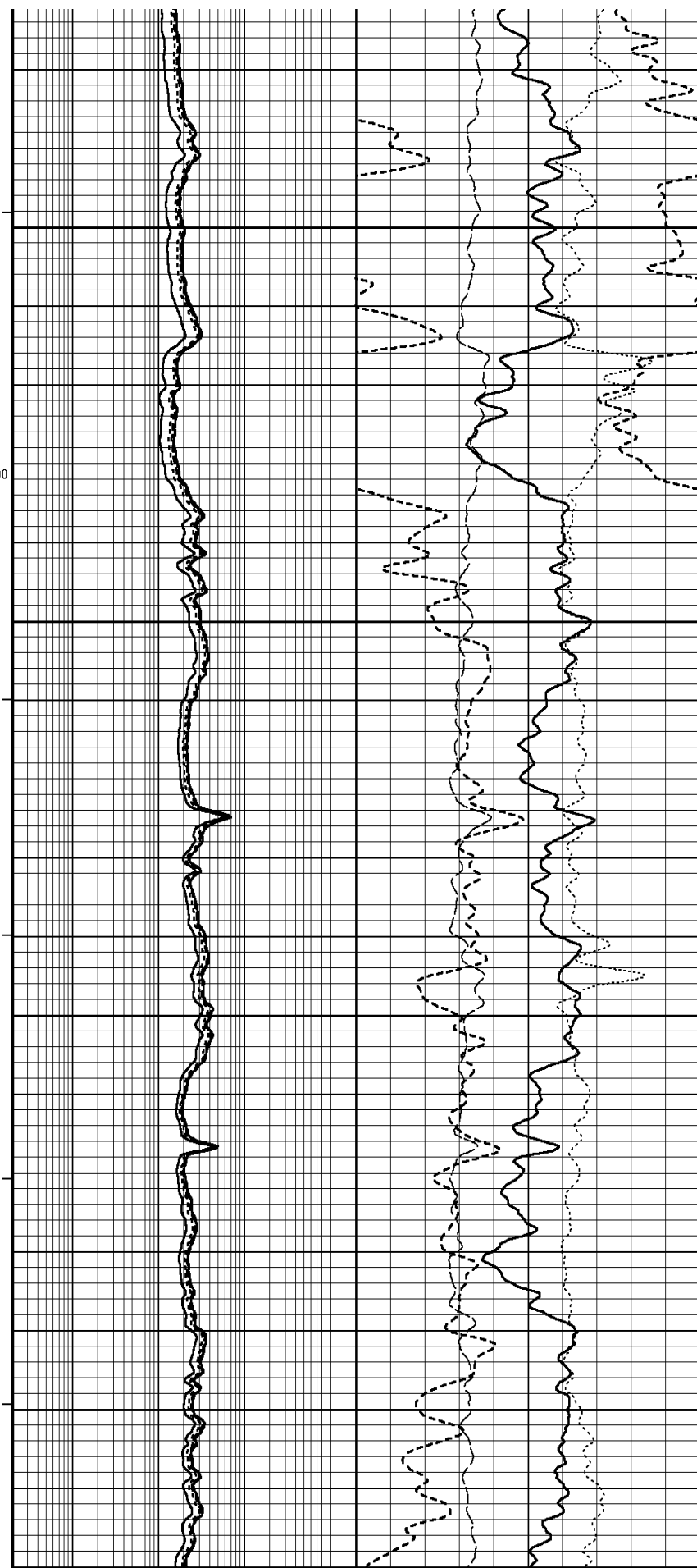
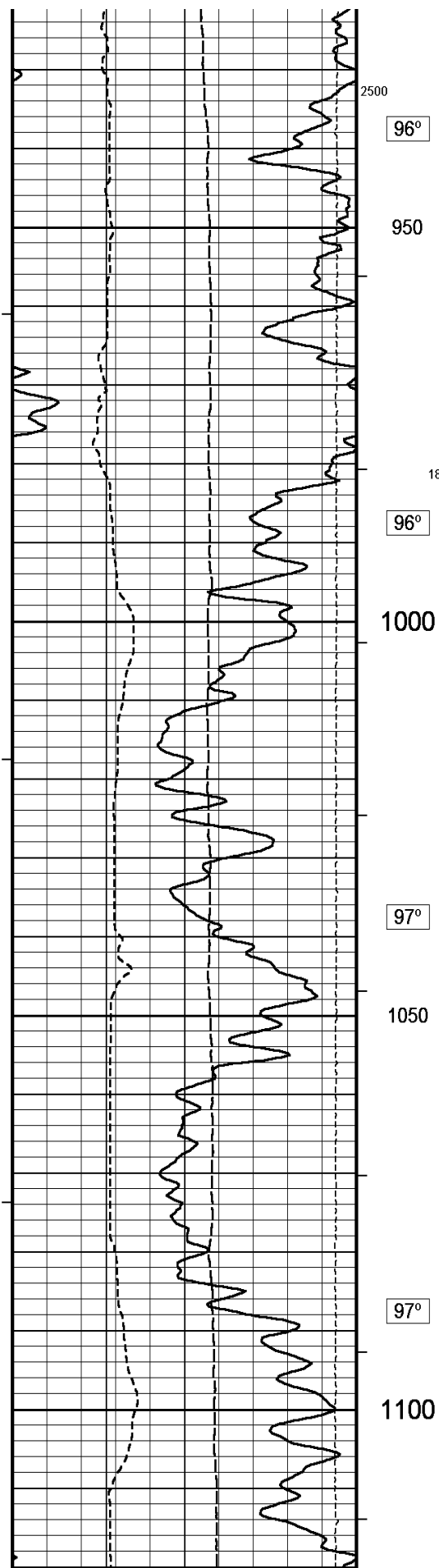
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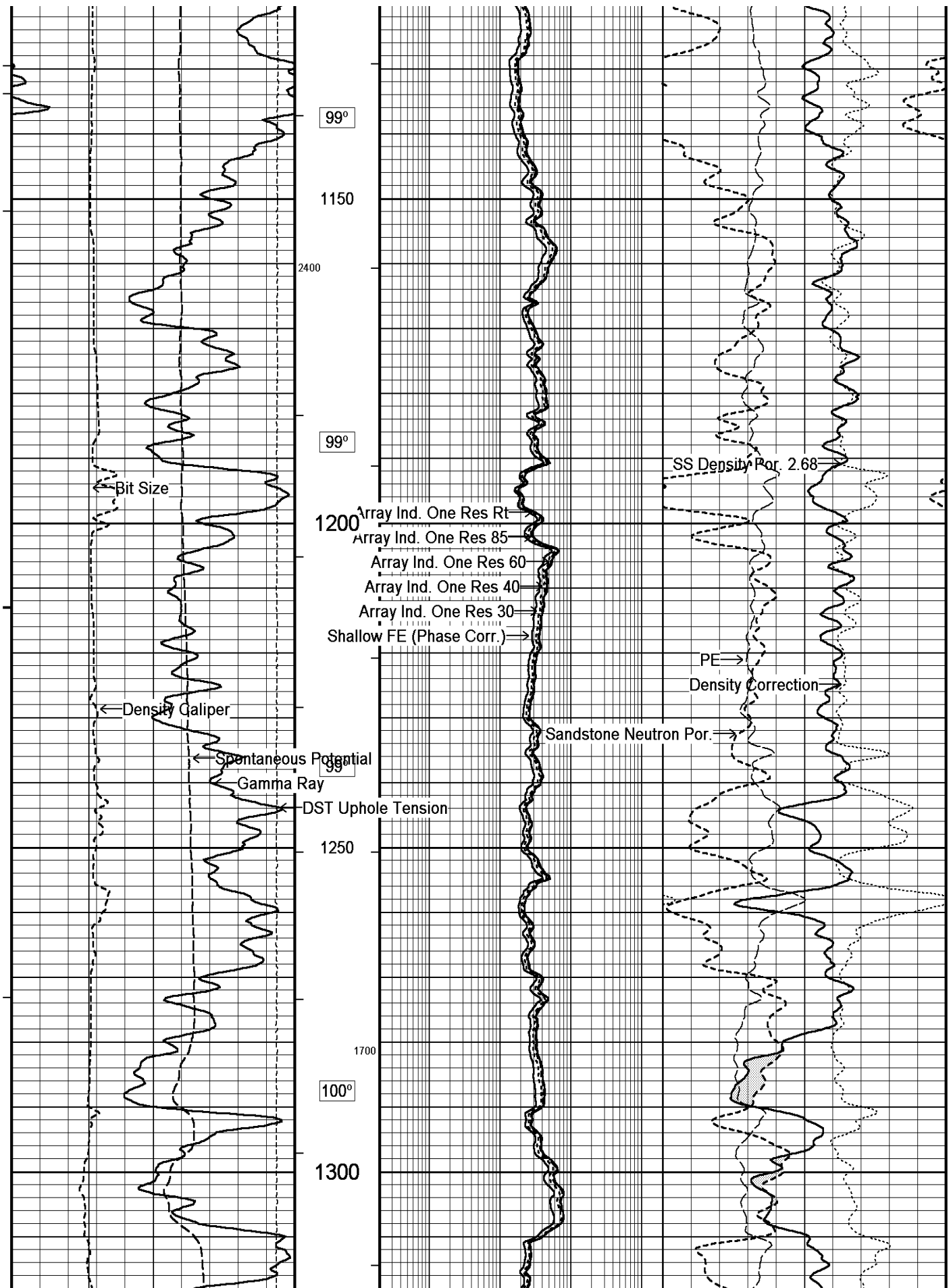
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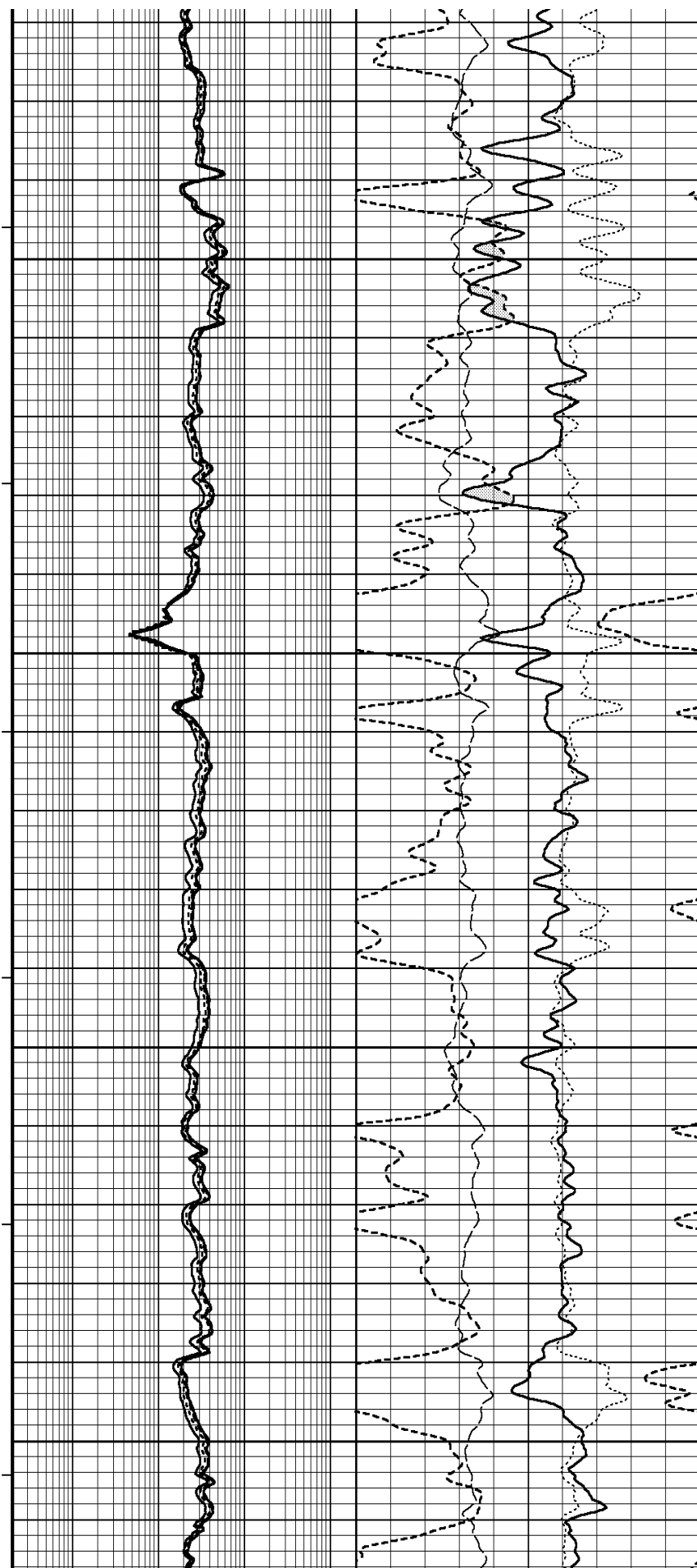
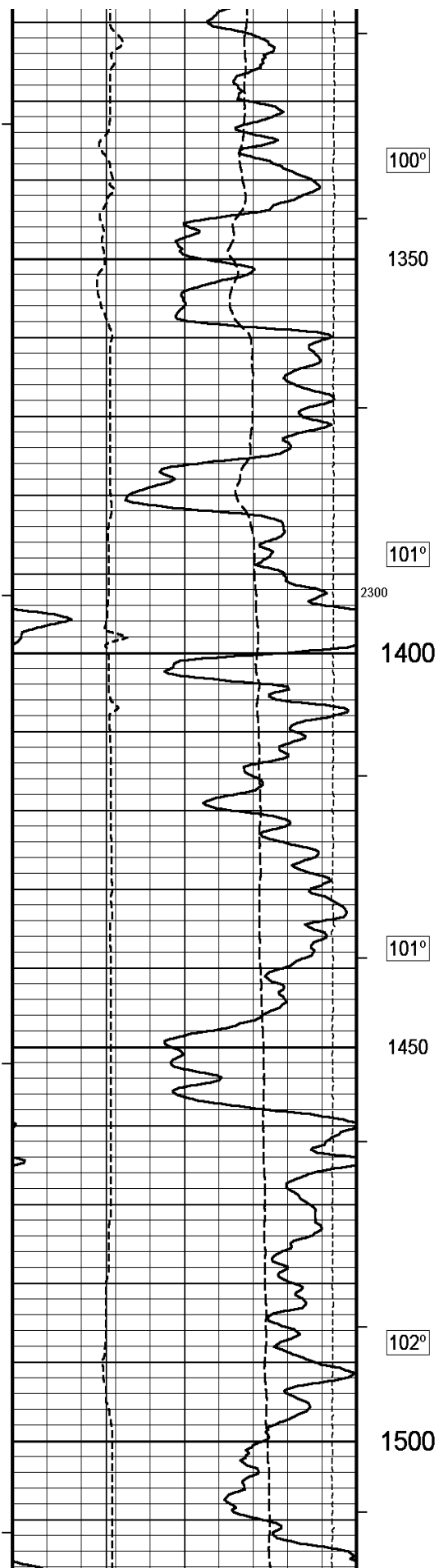
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs,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

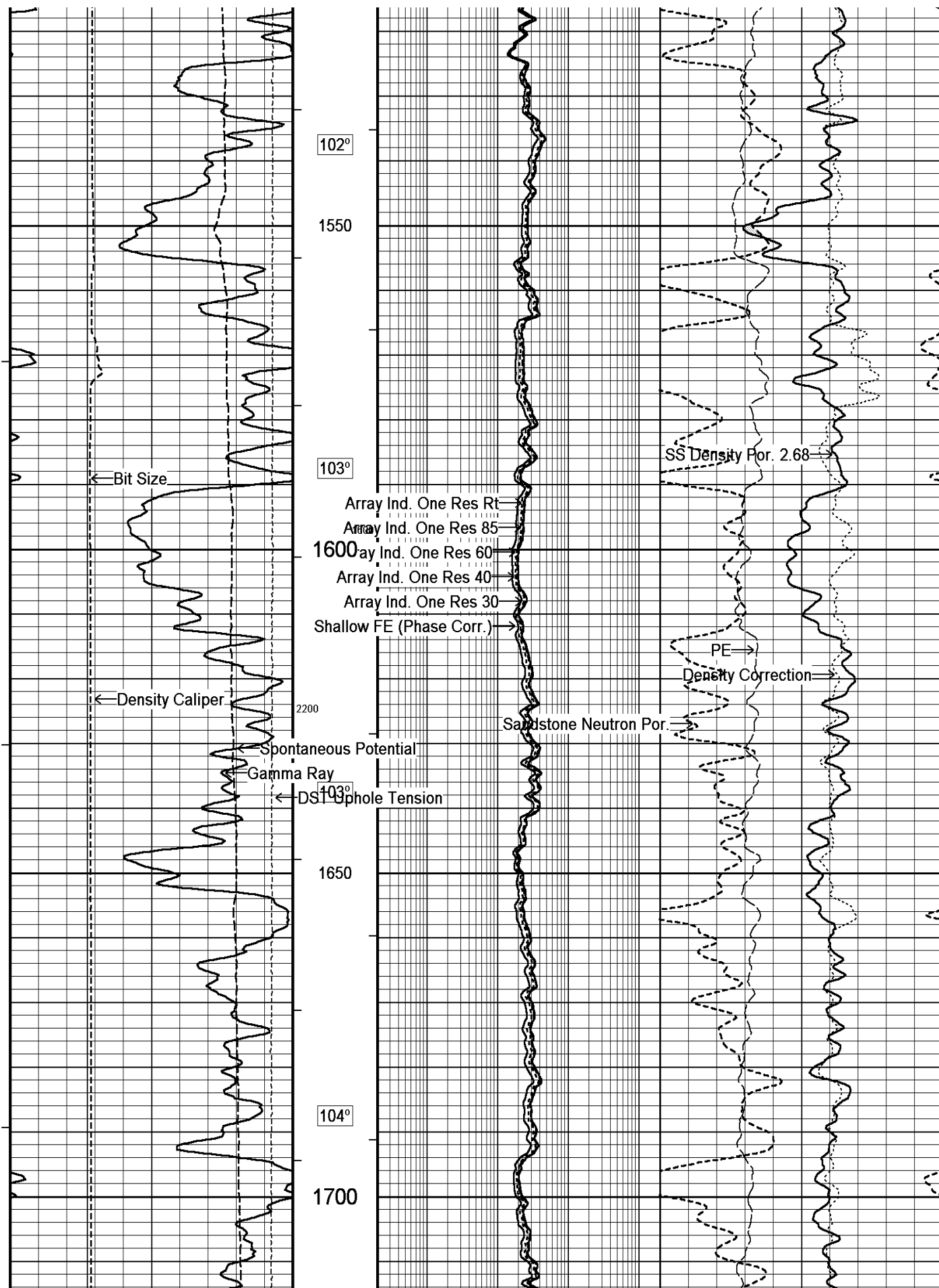


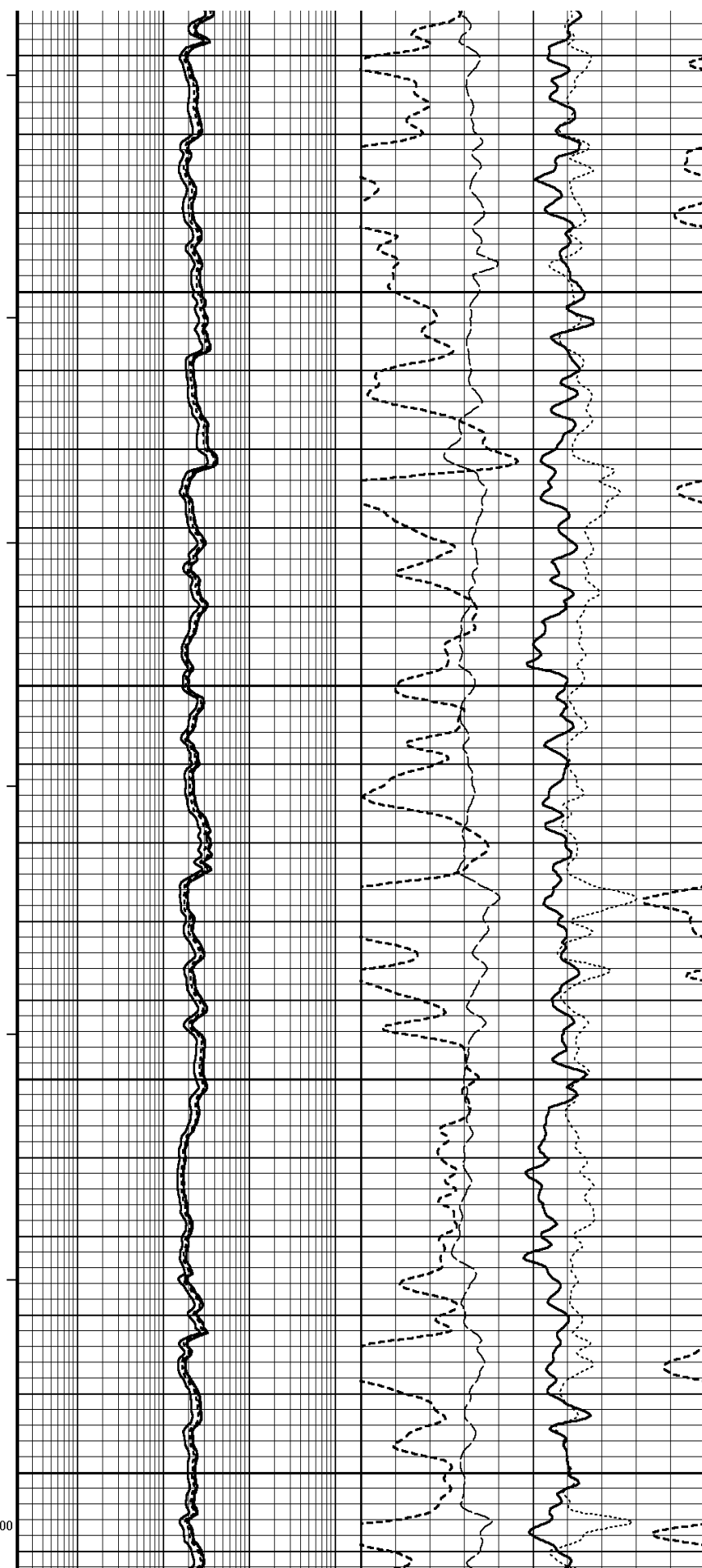
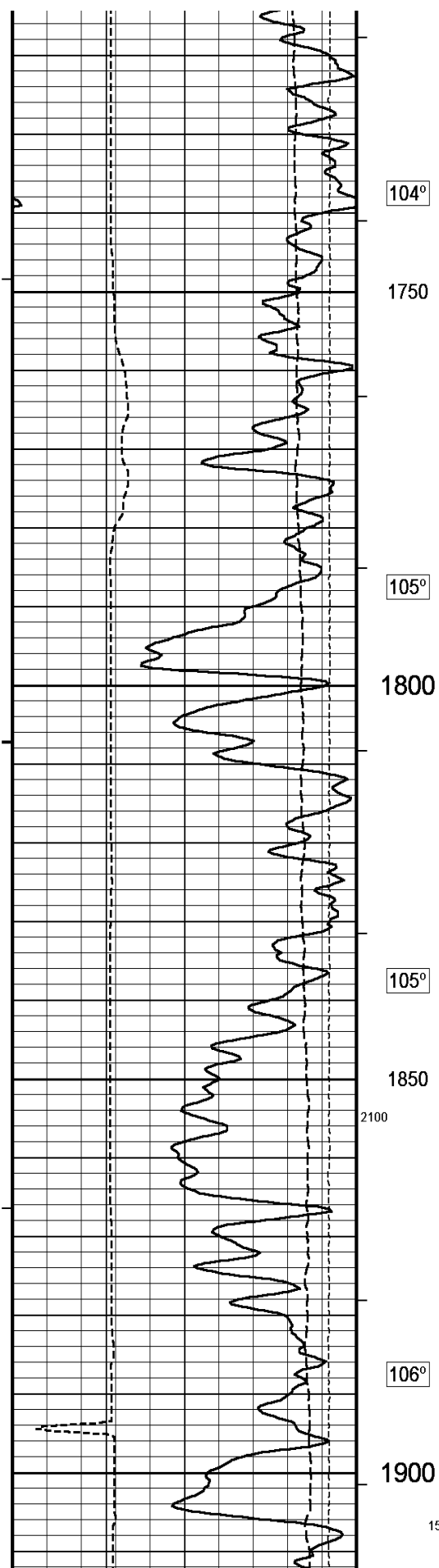


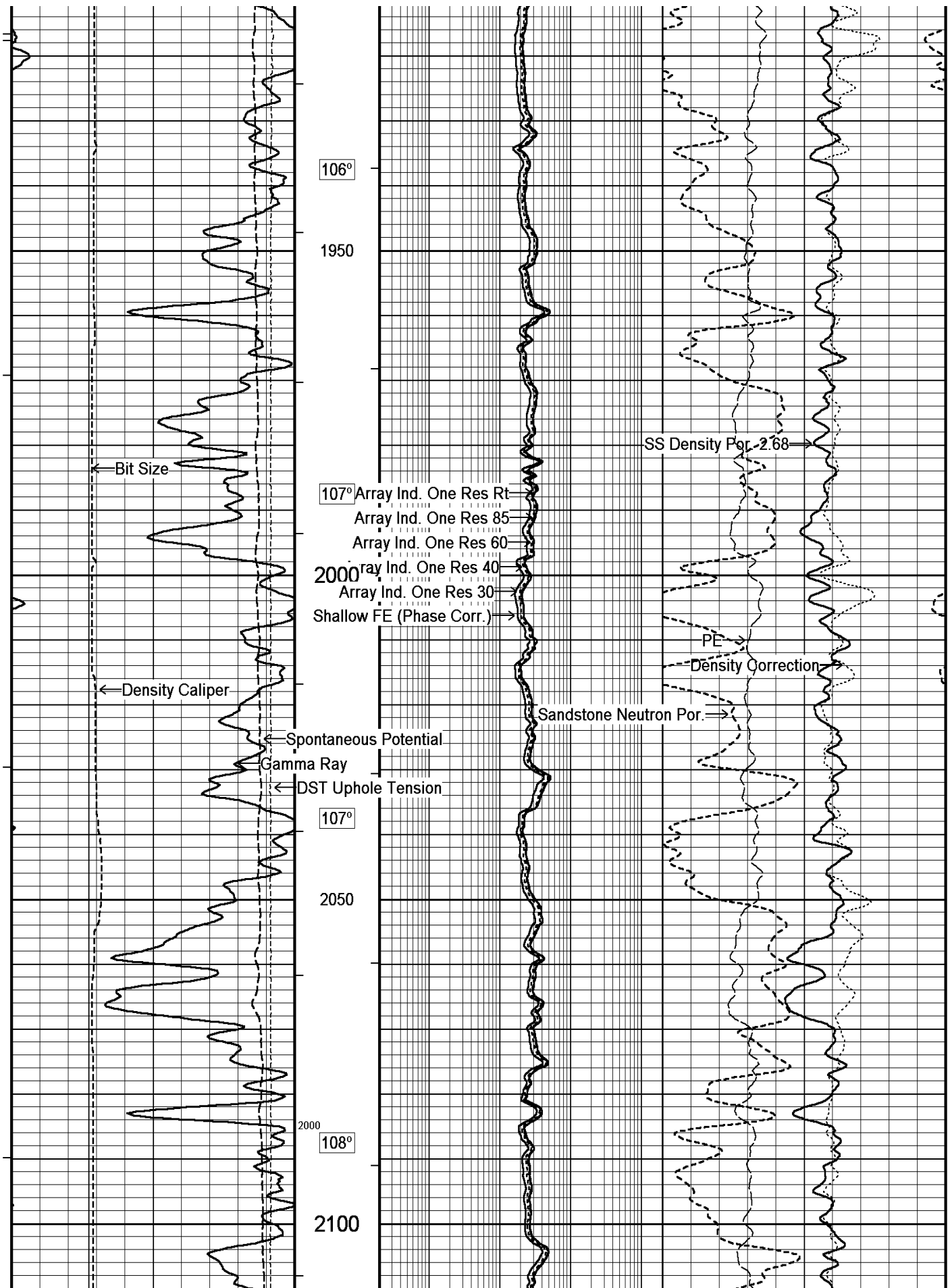


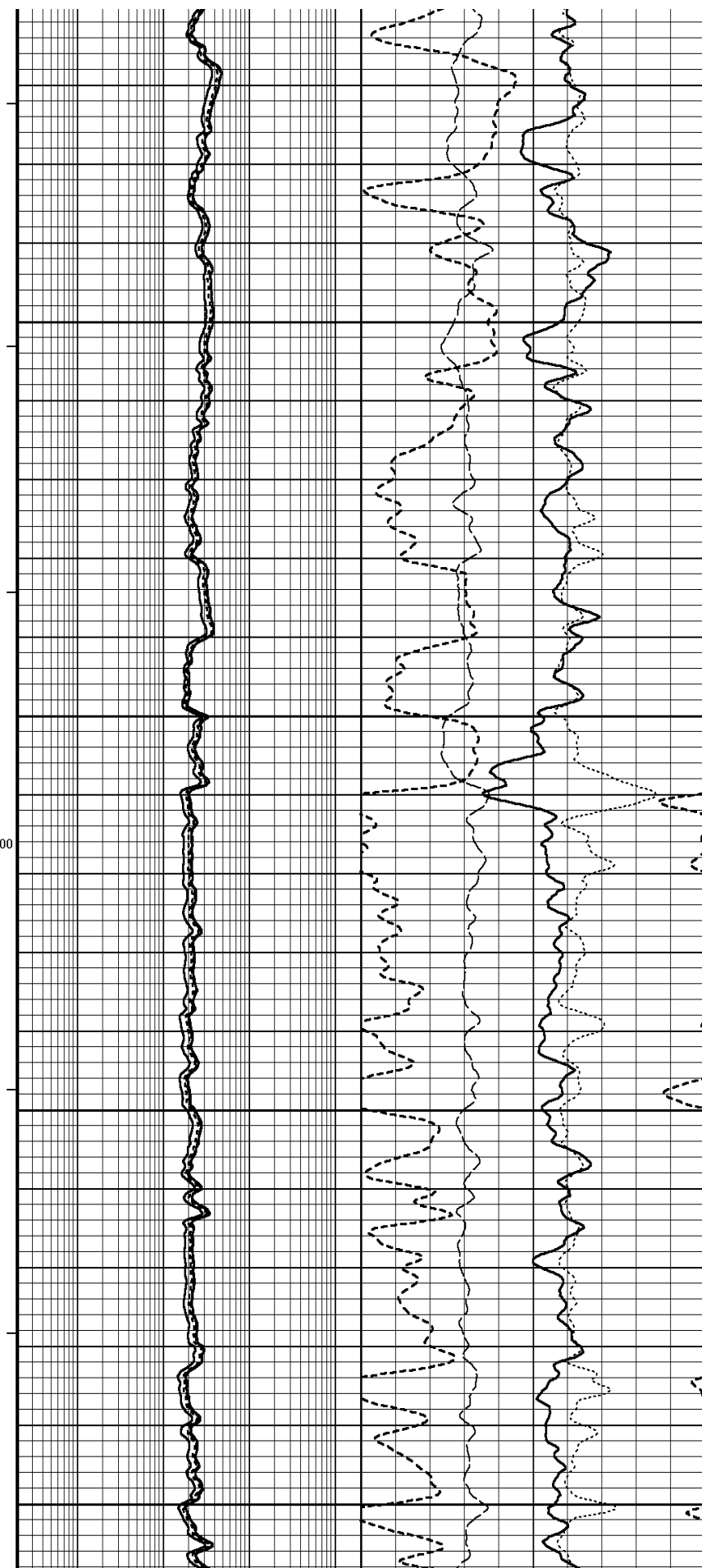
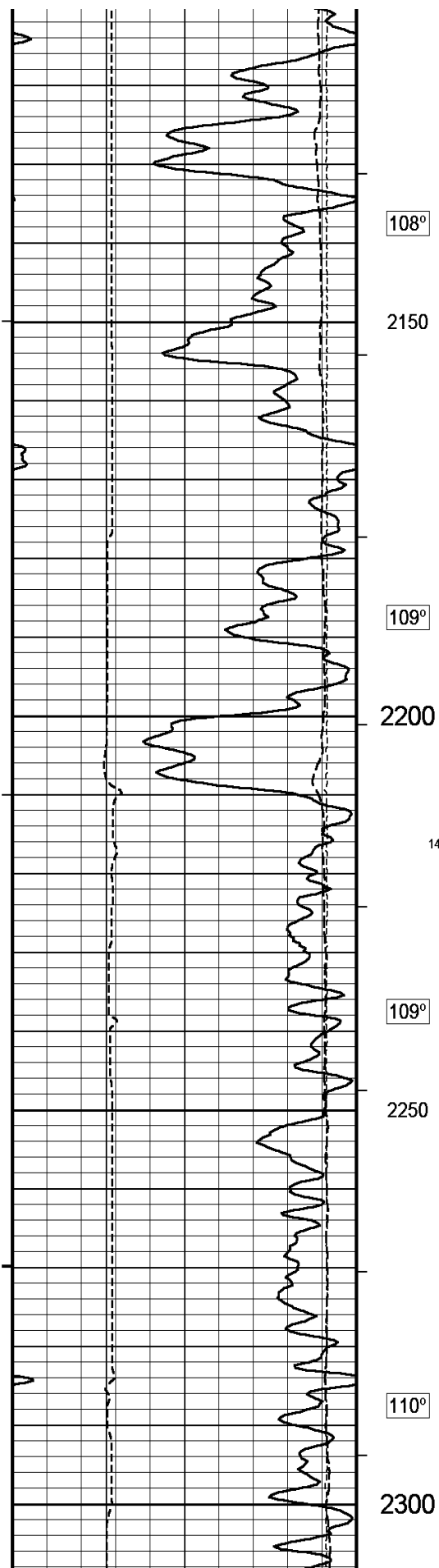


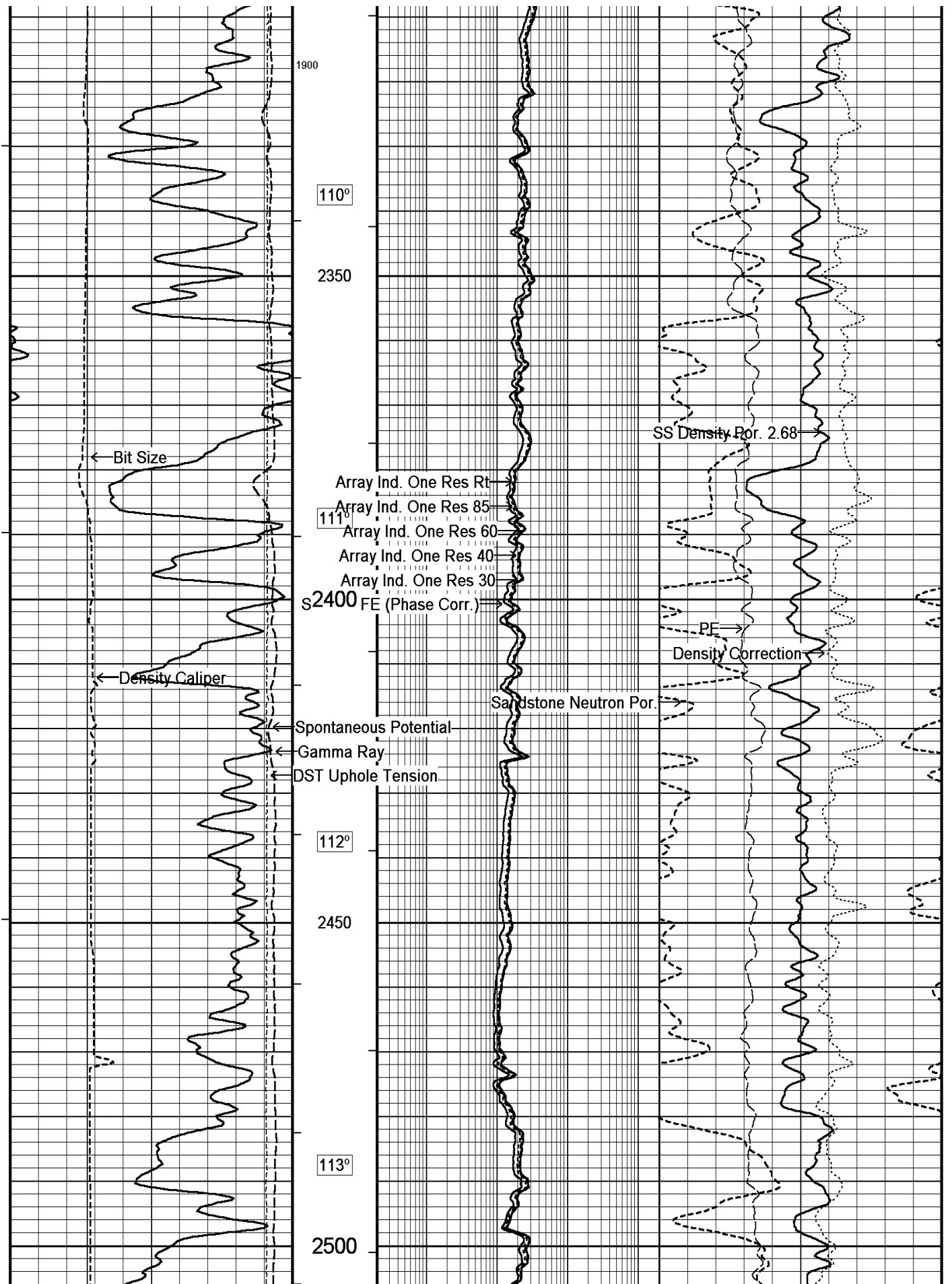


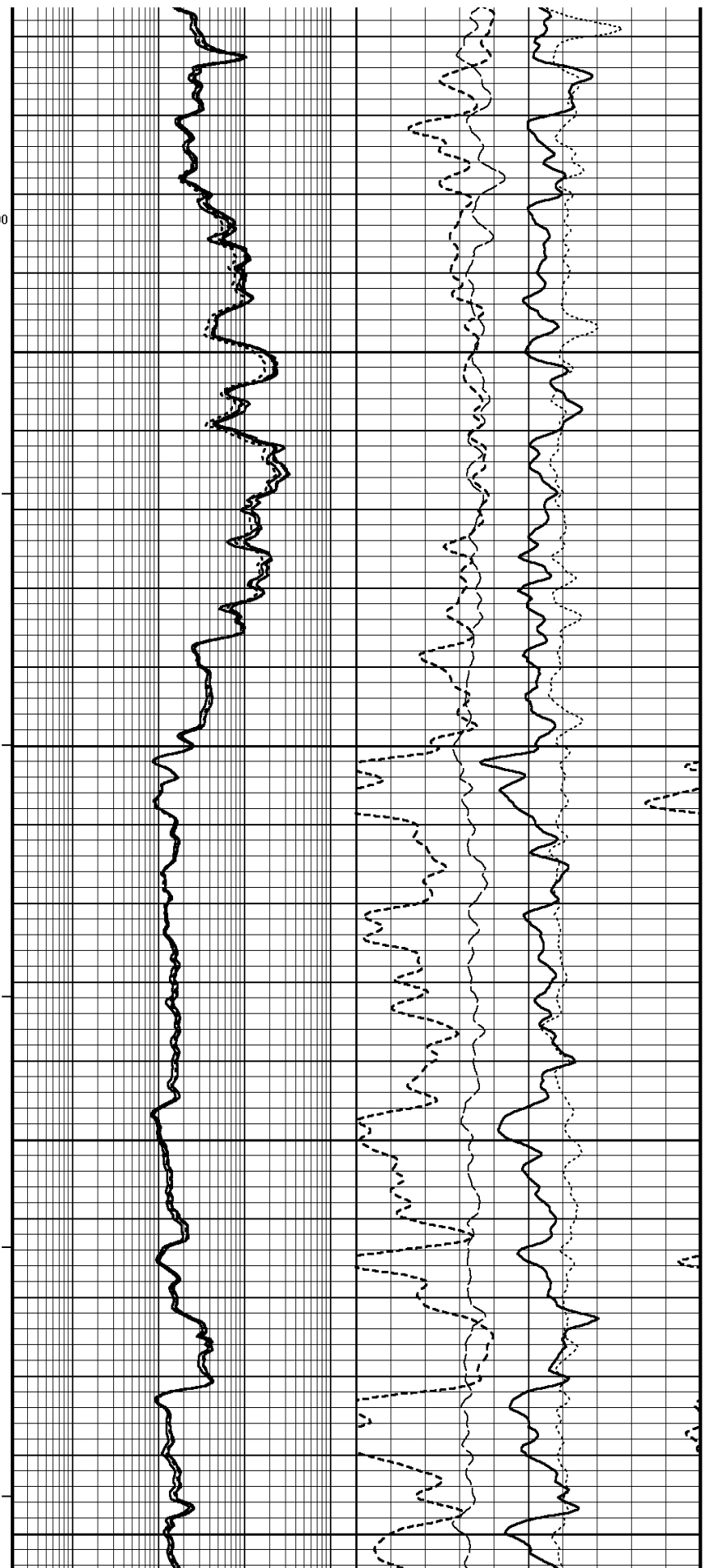
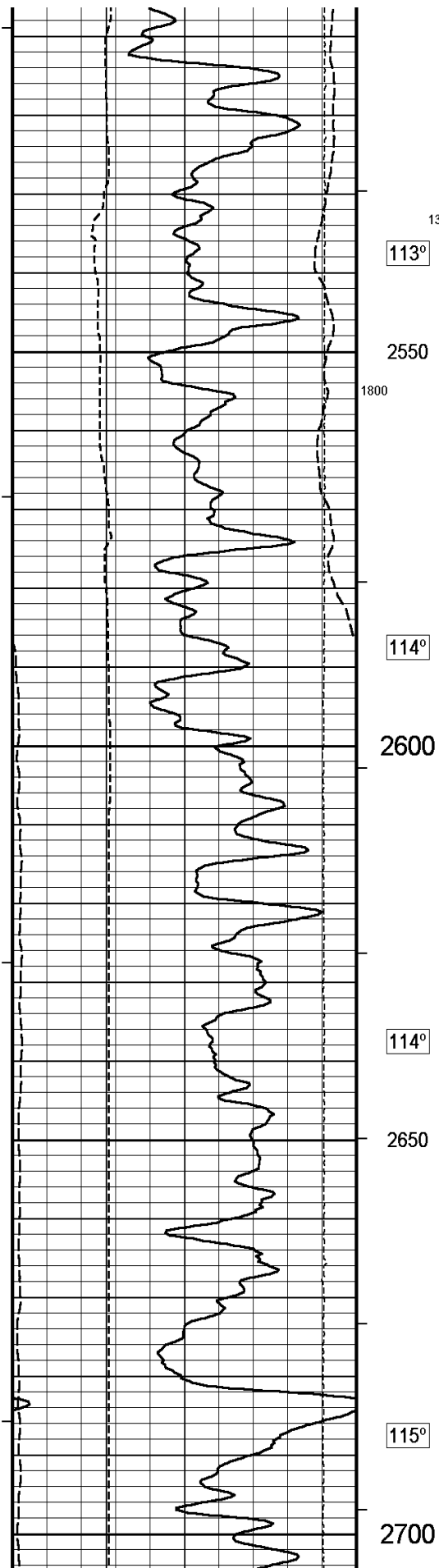


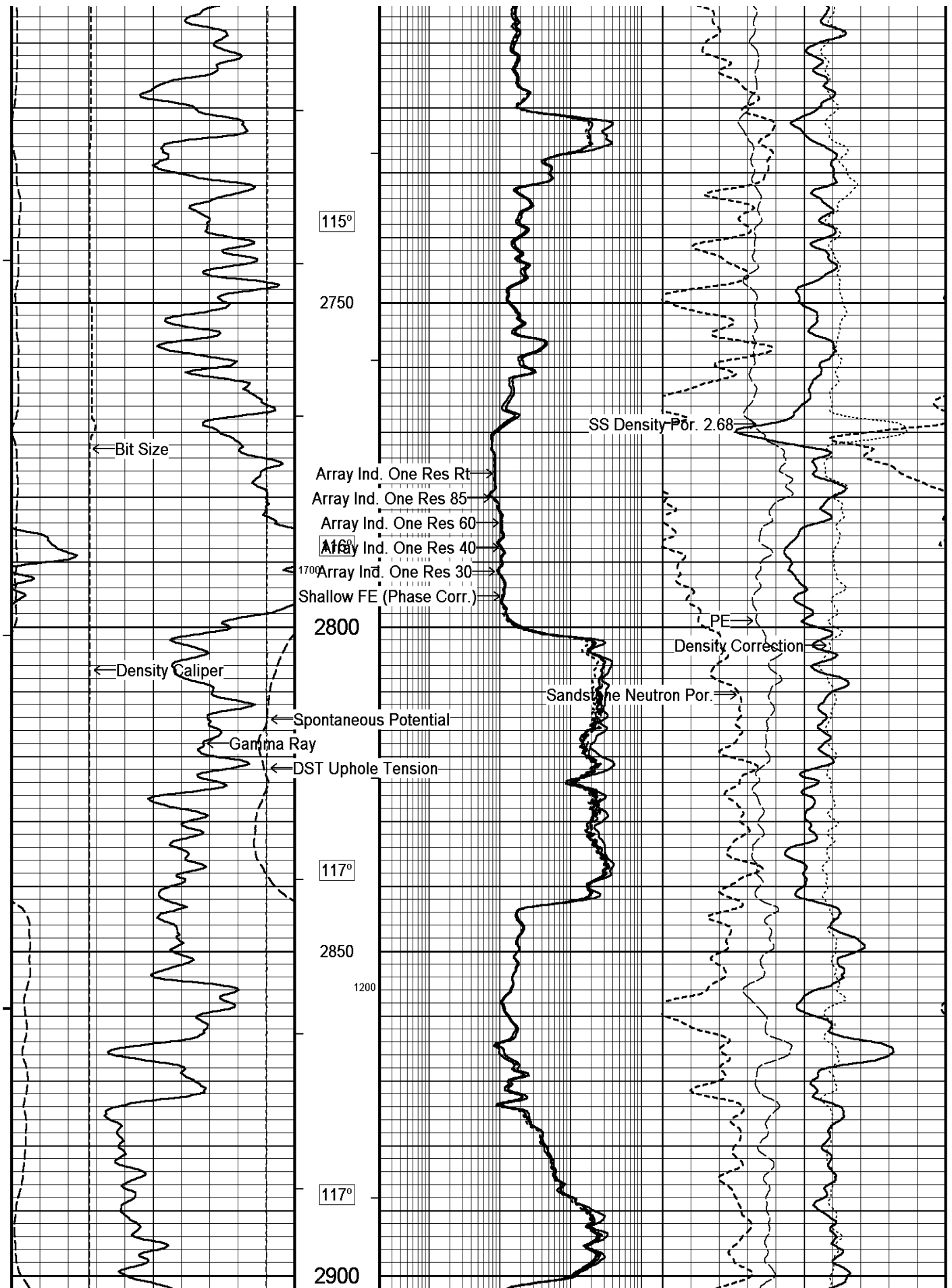


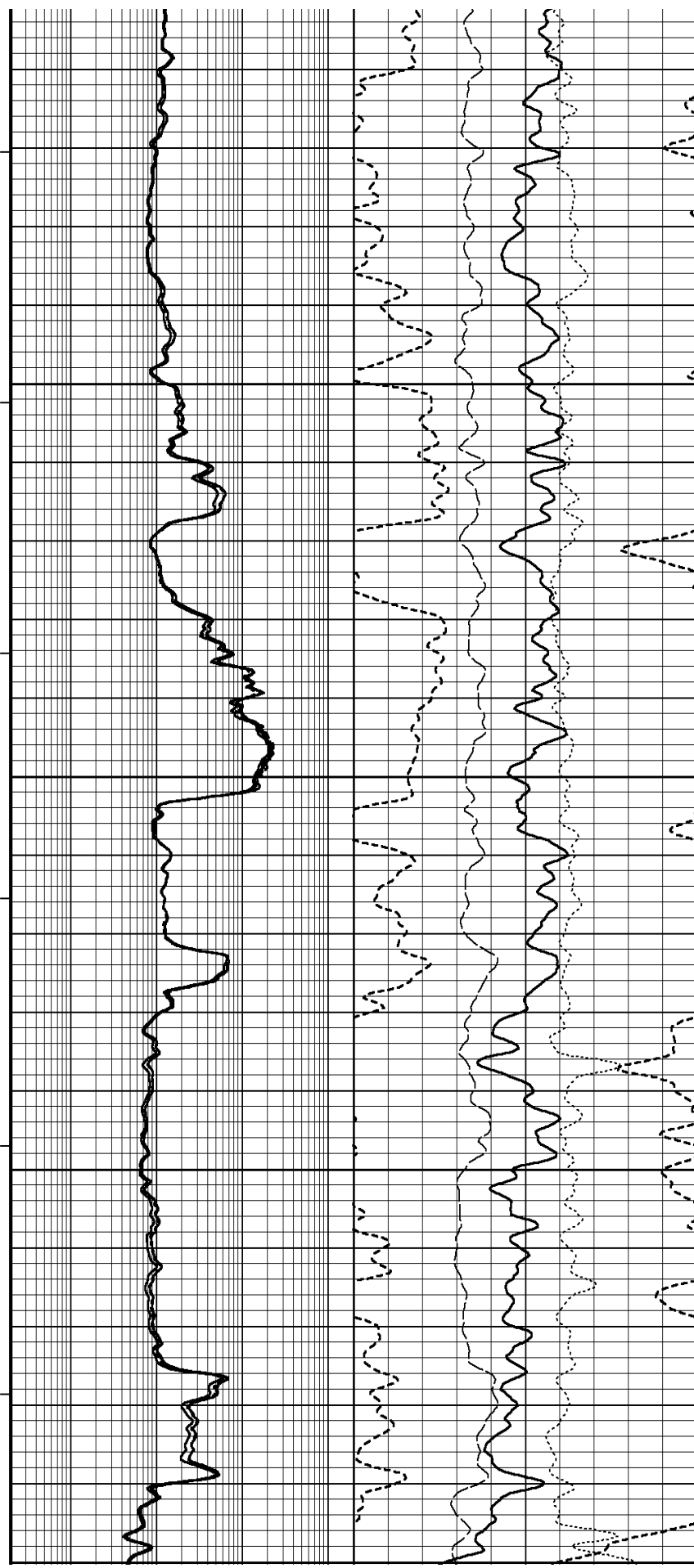
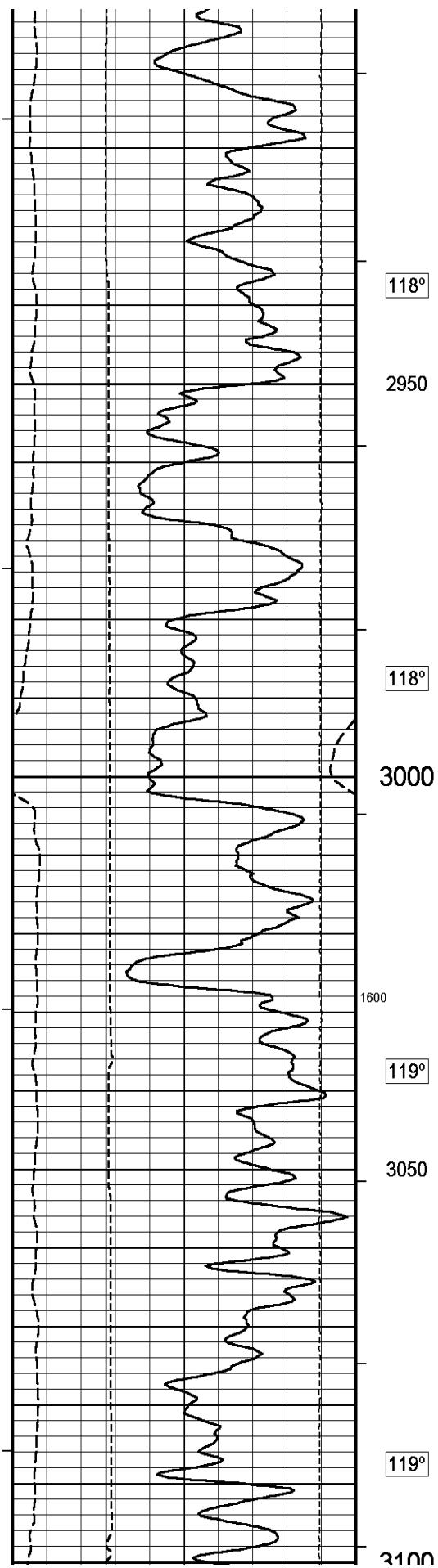


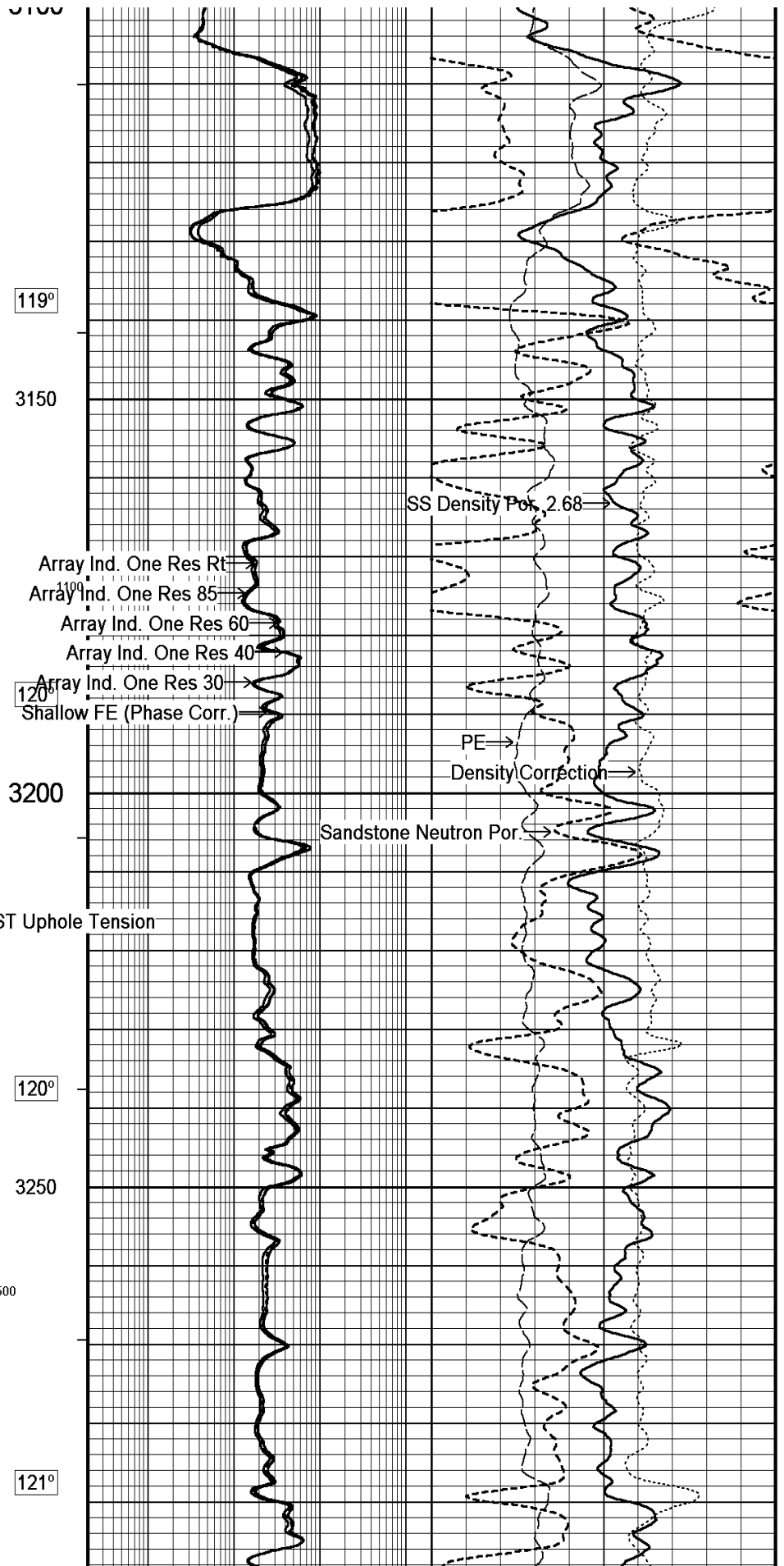
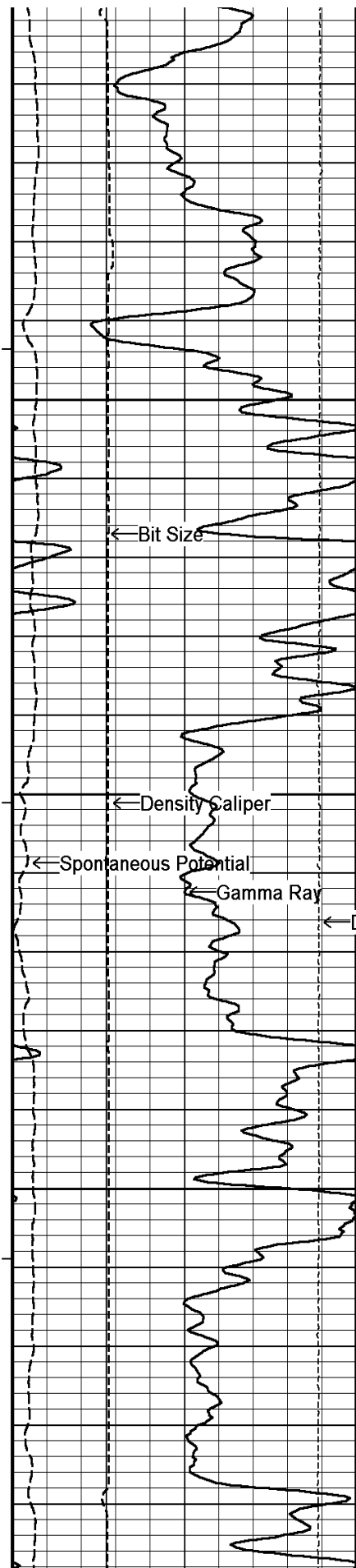


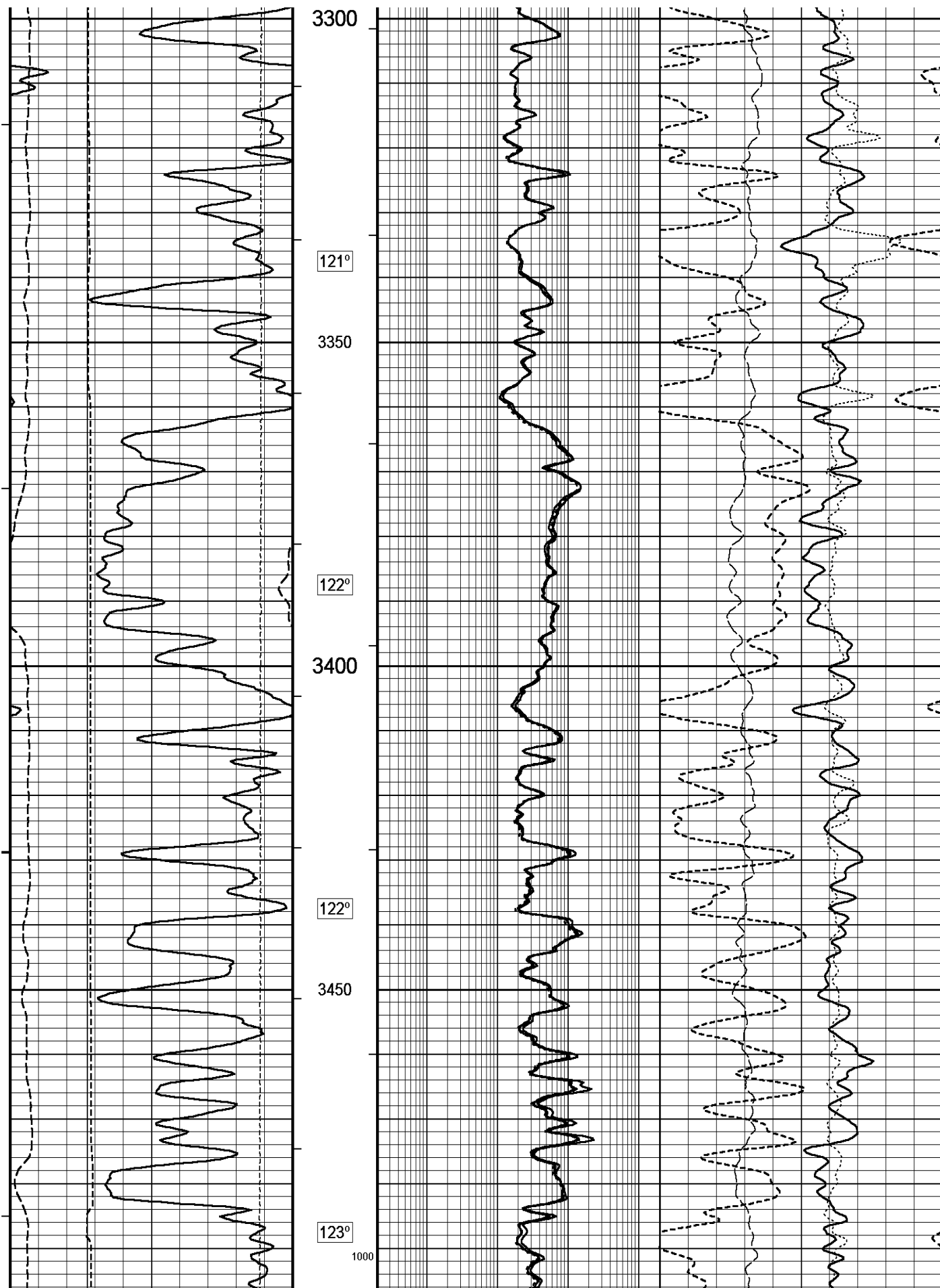


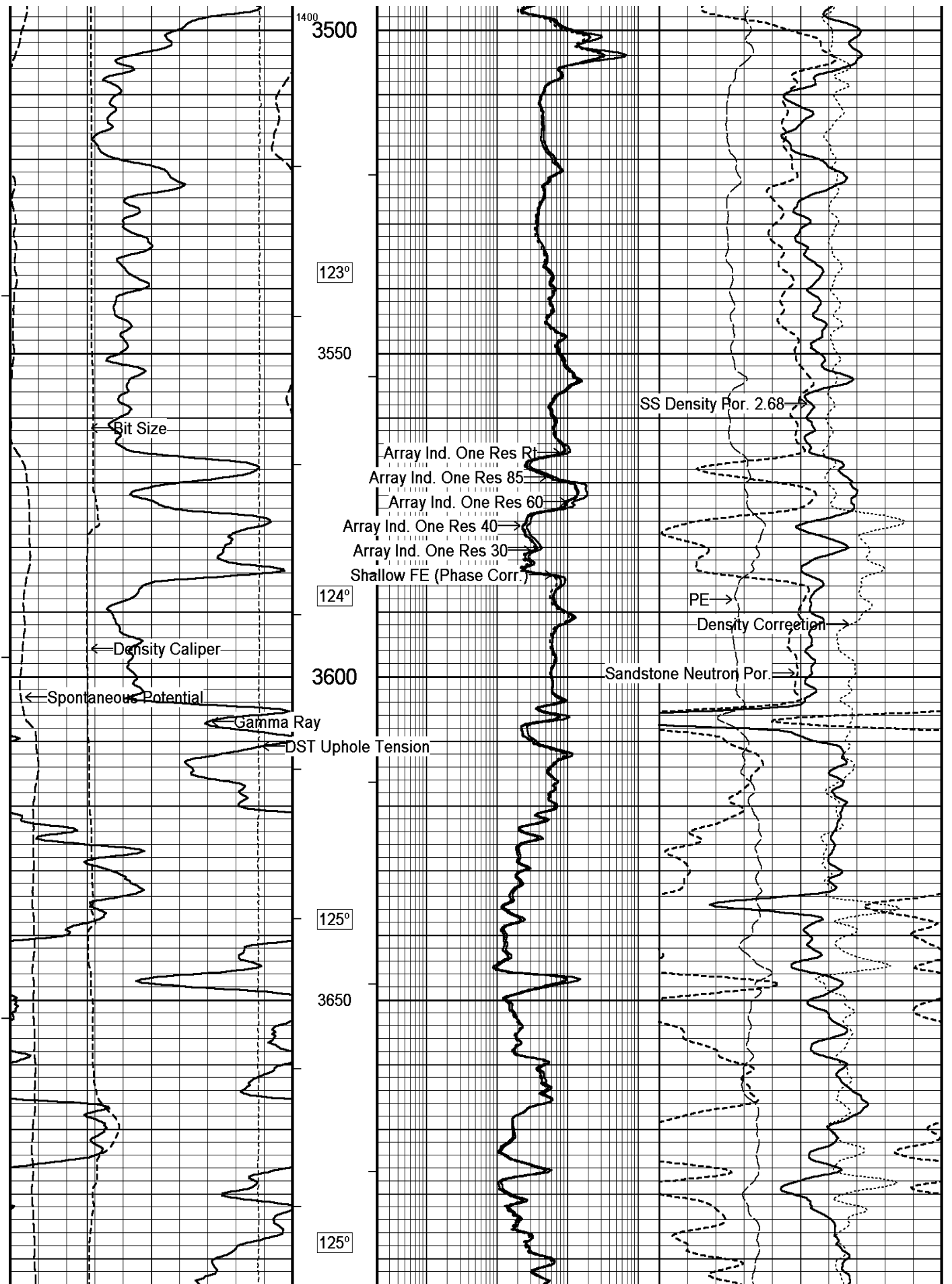


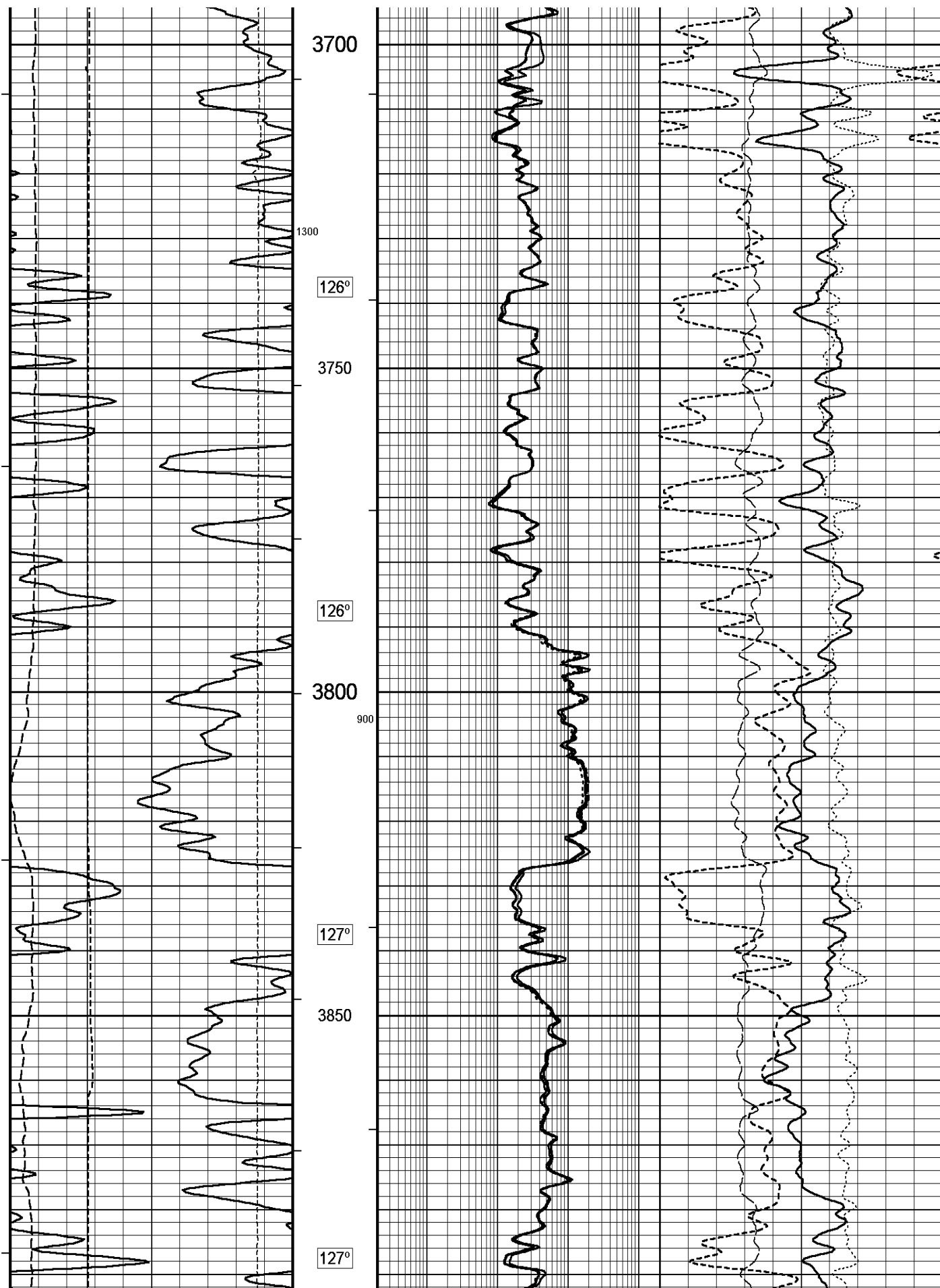


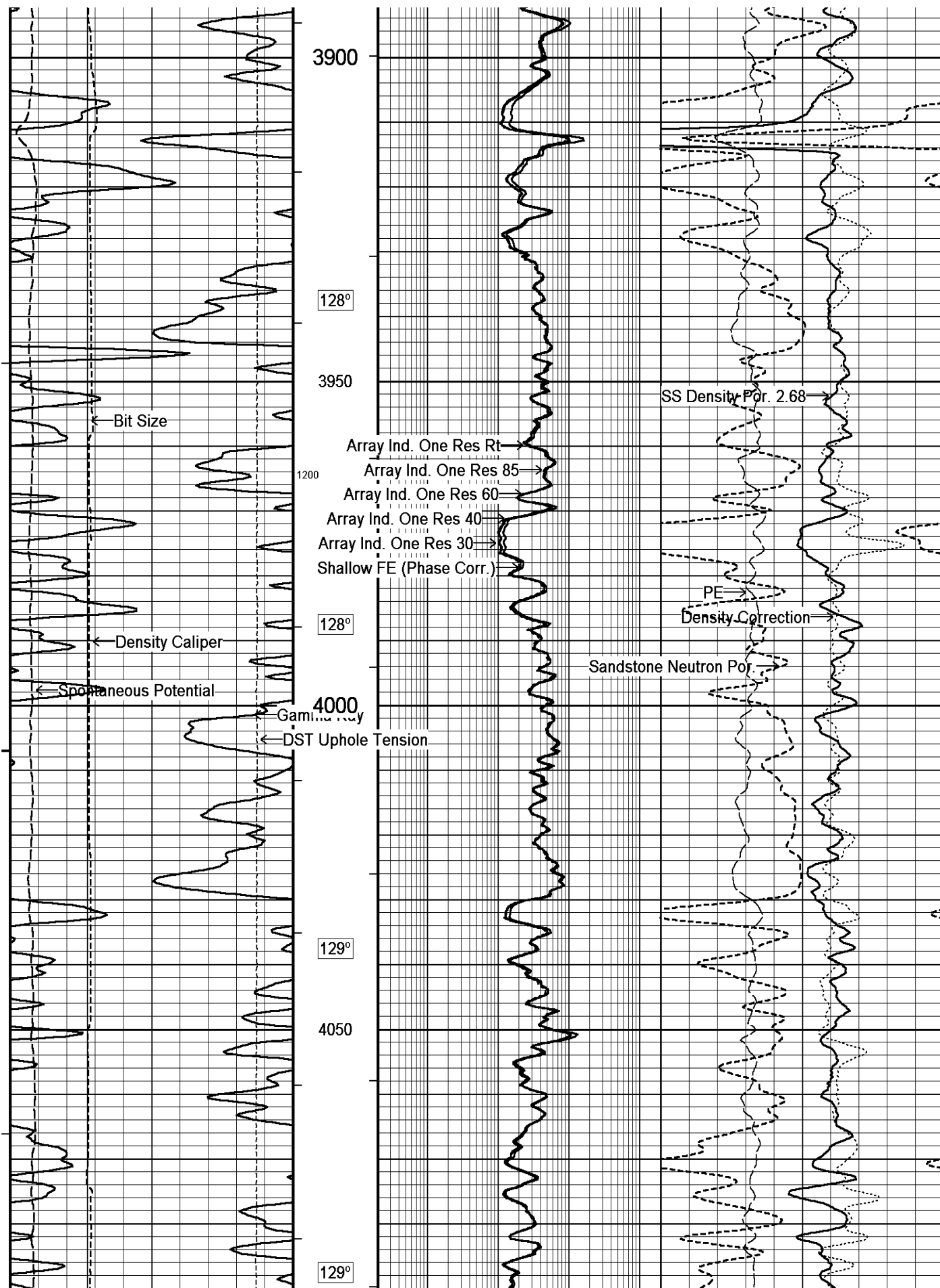


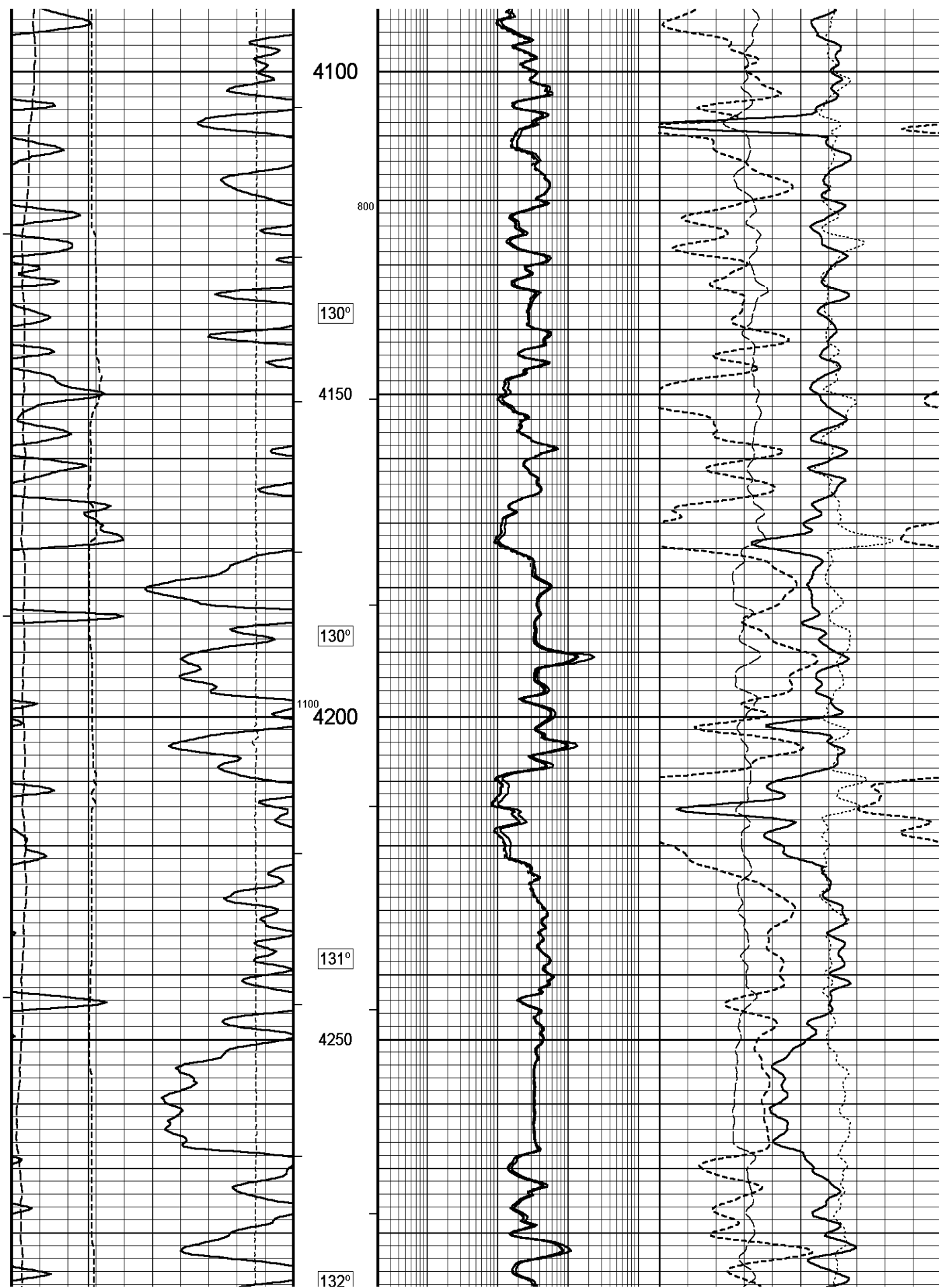


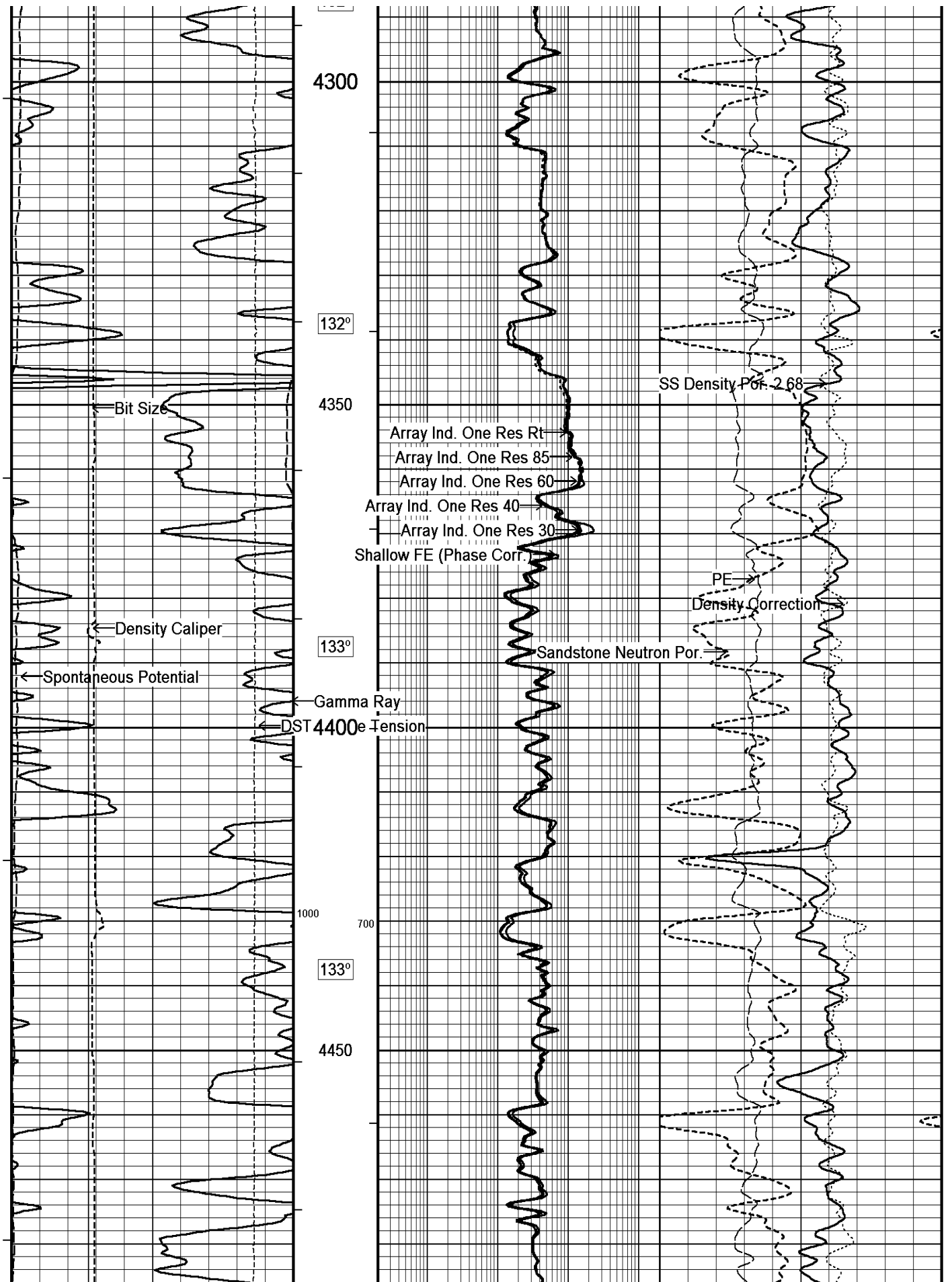


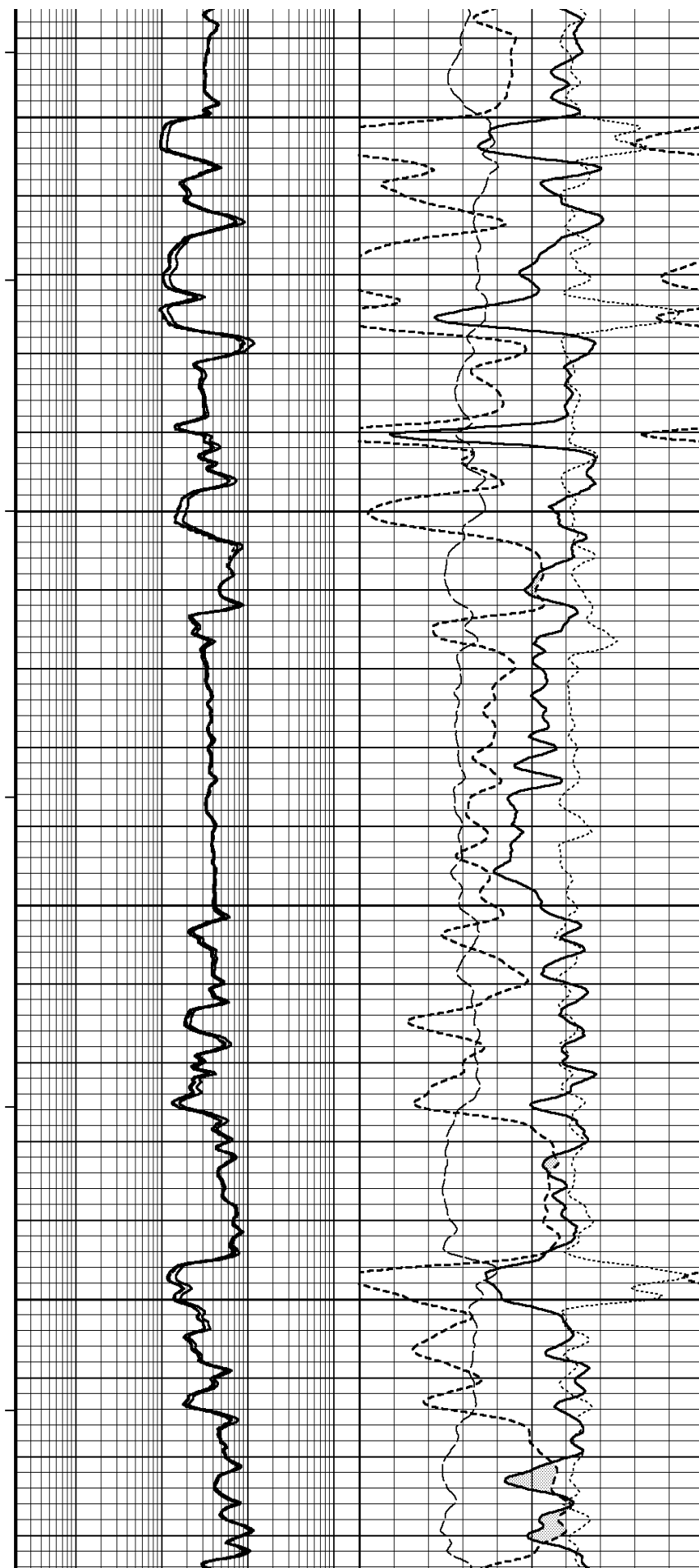
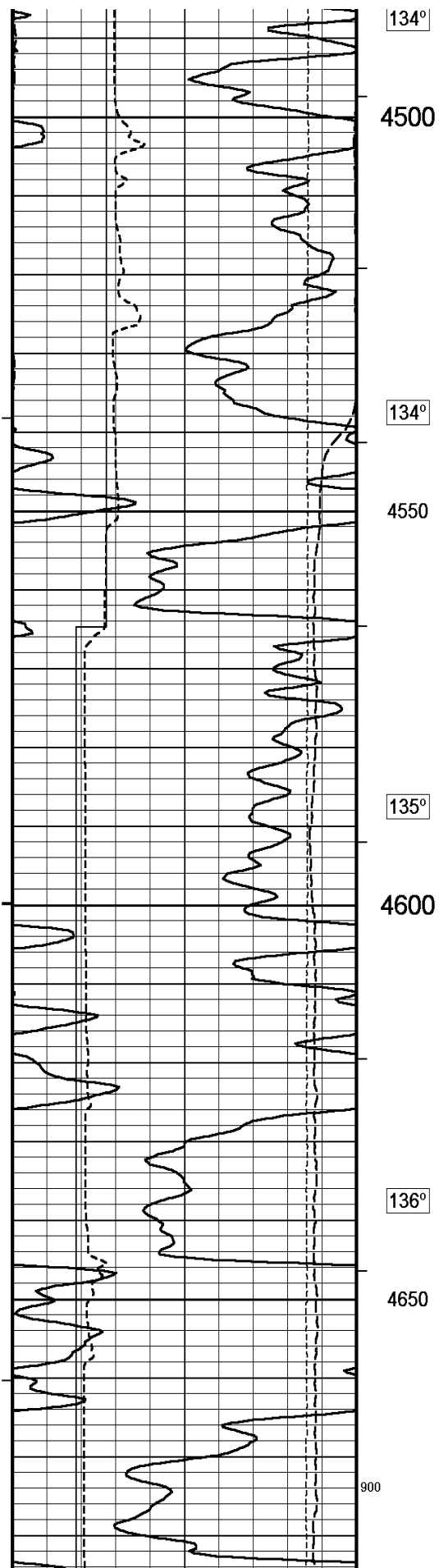


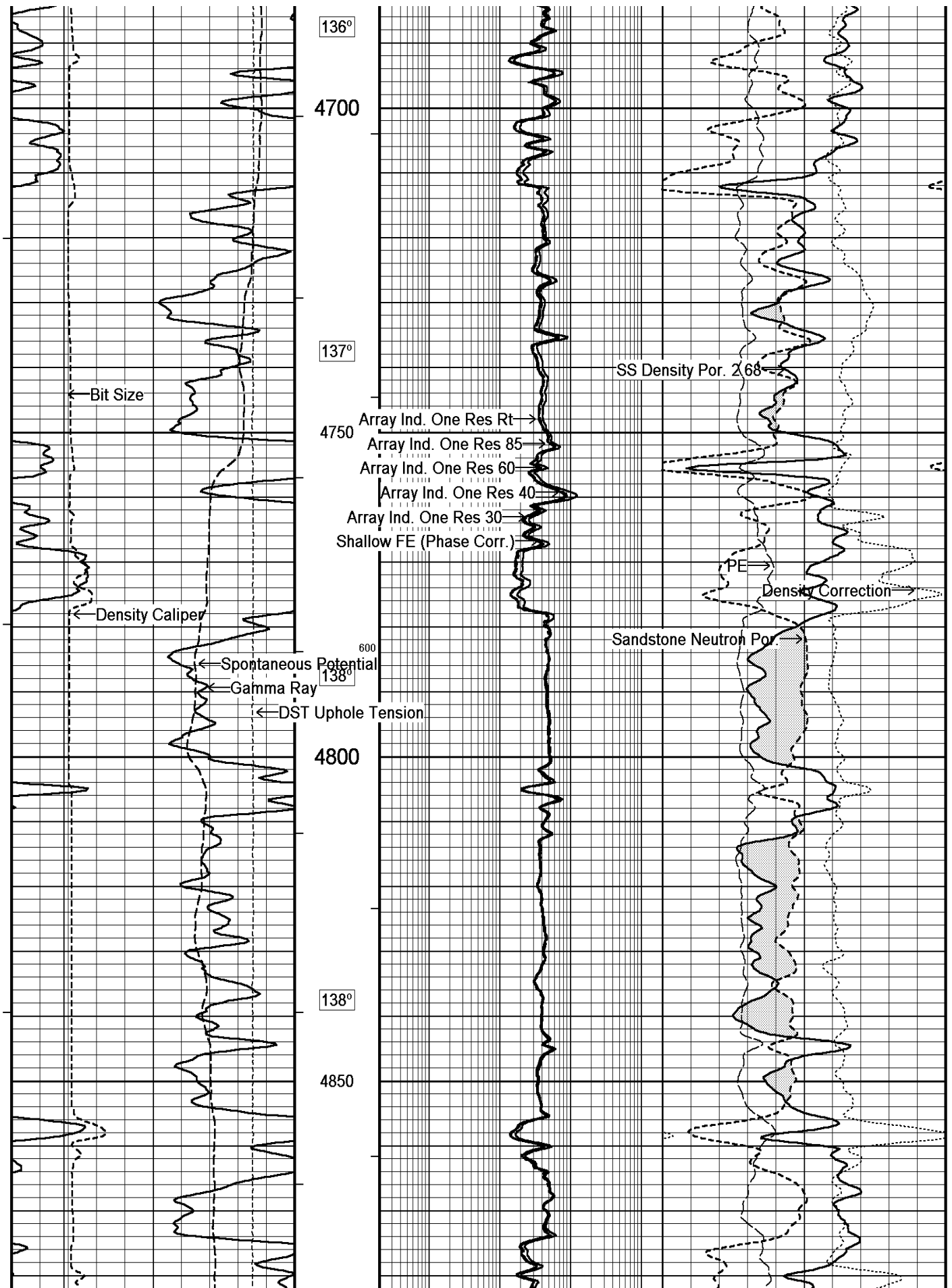


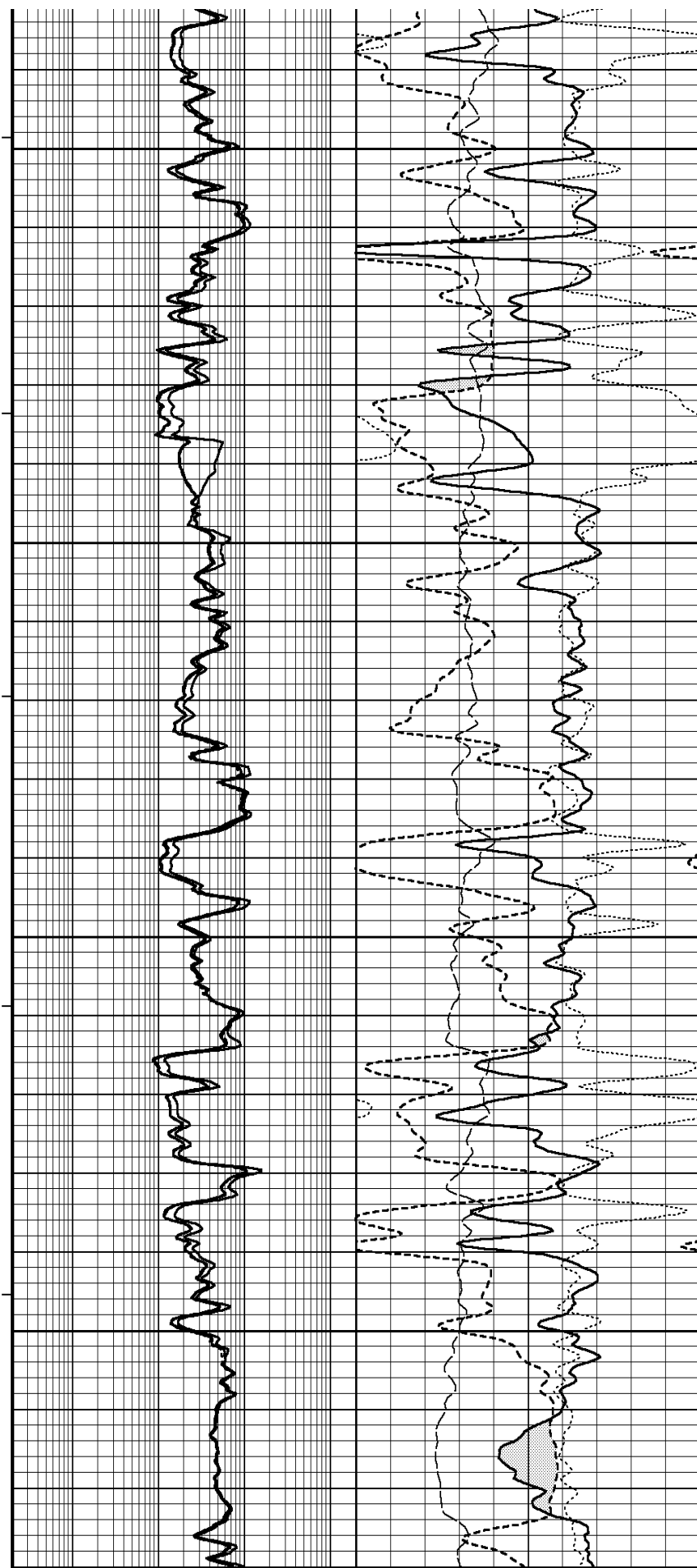
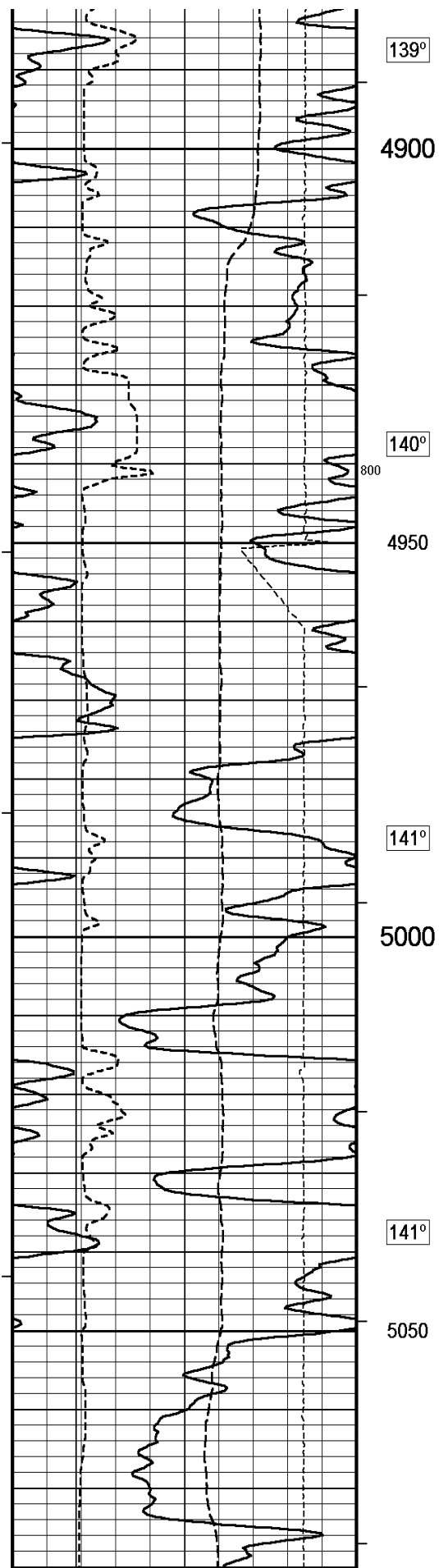


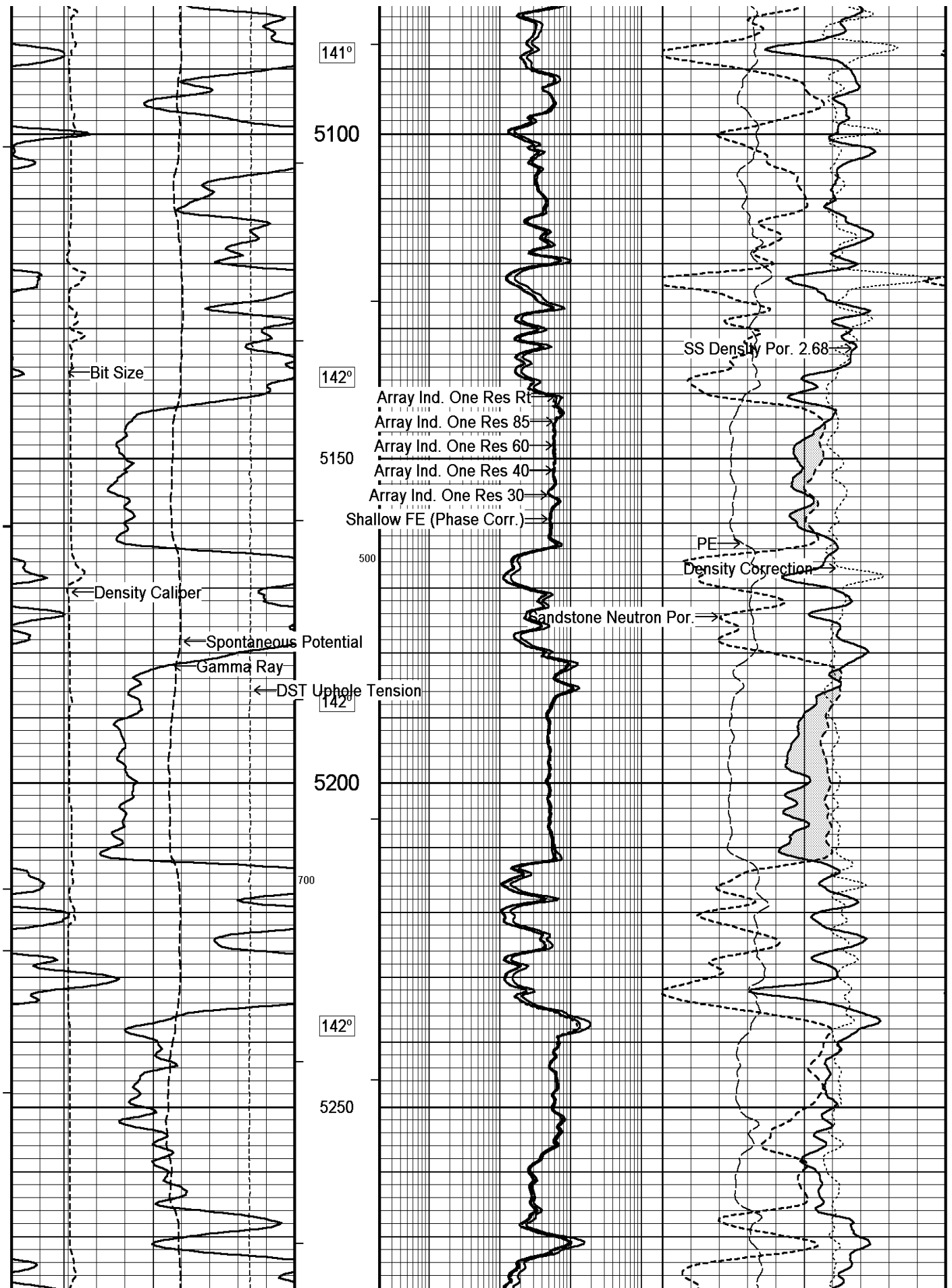


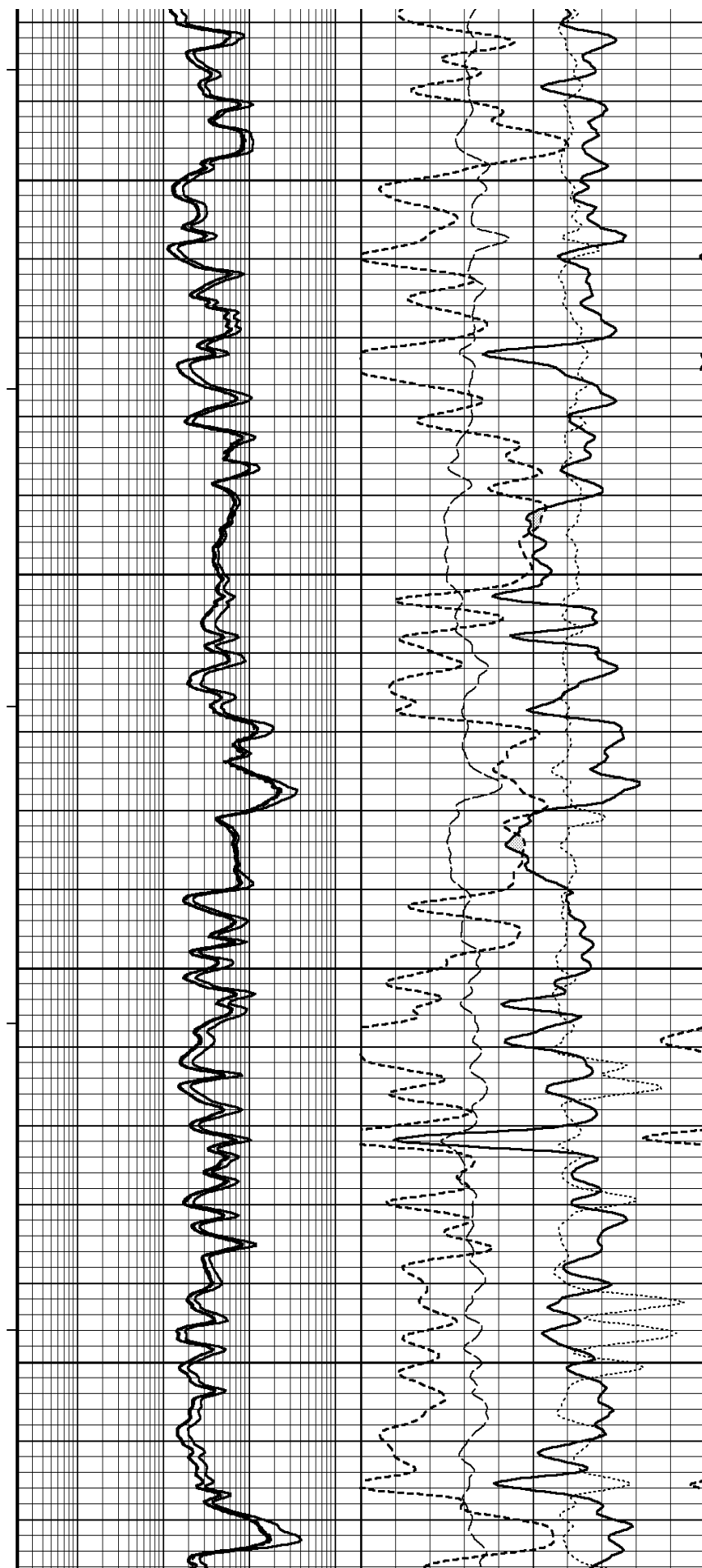
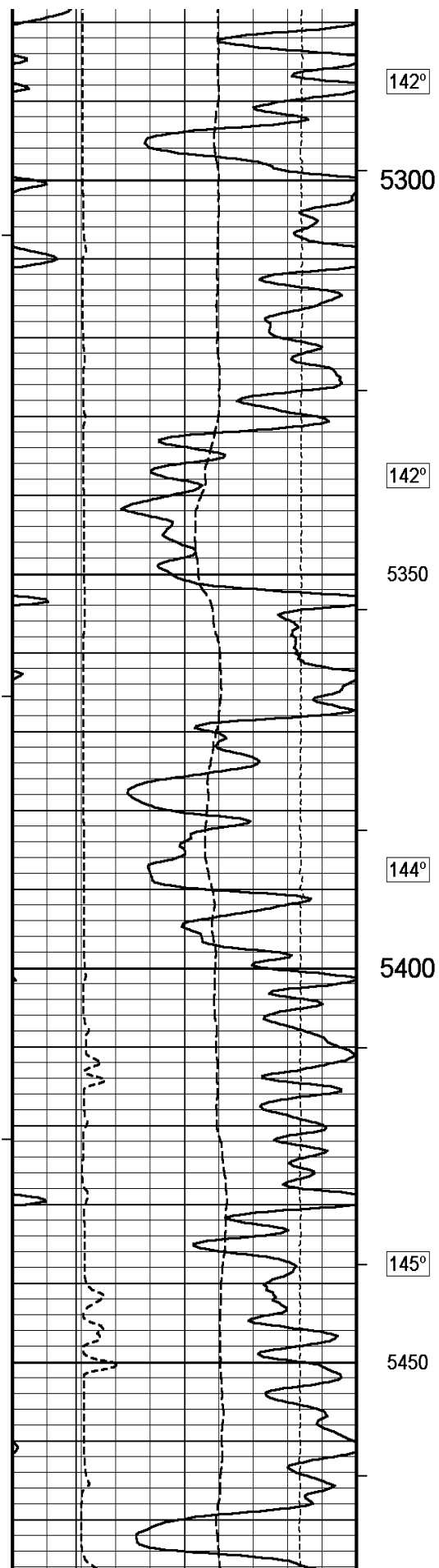


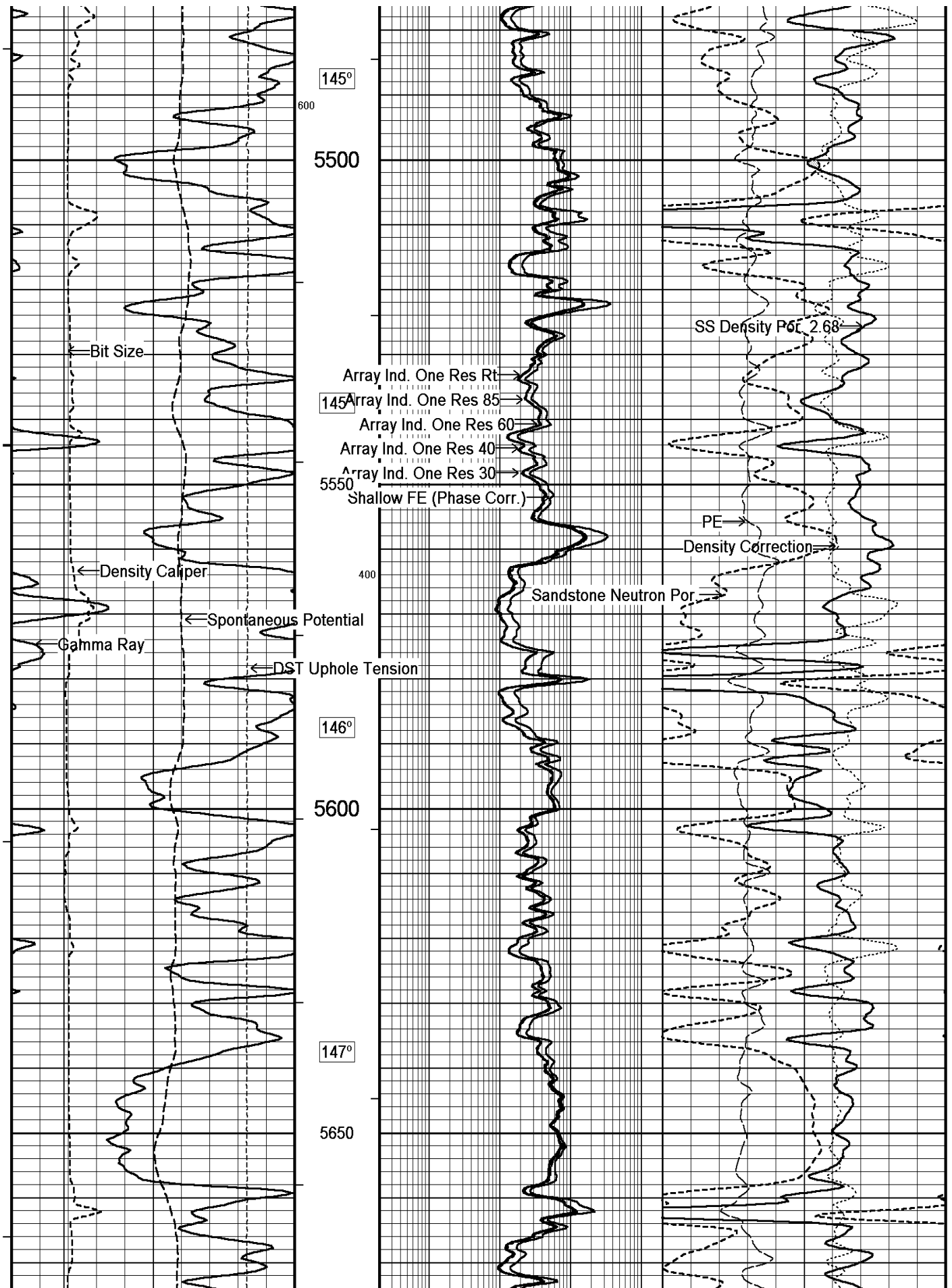


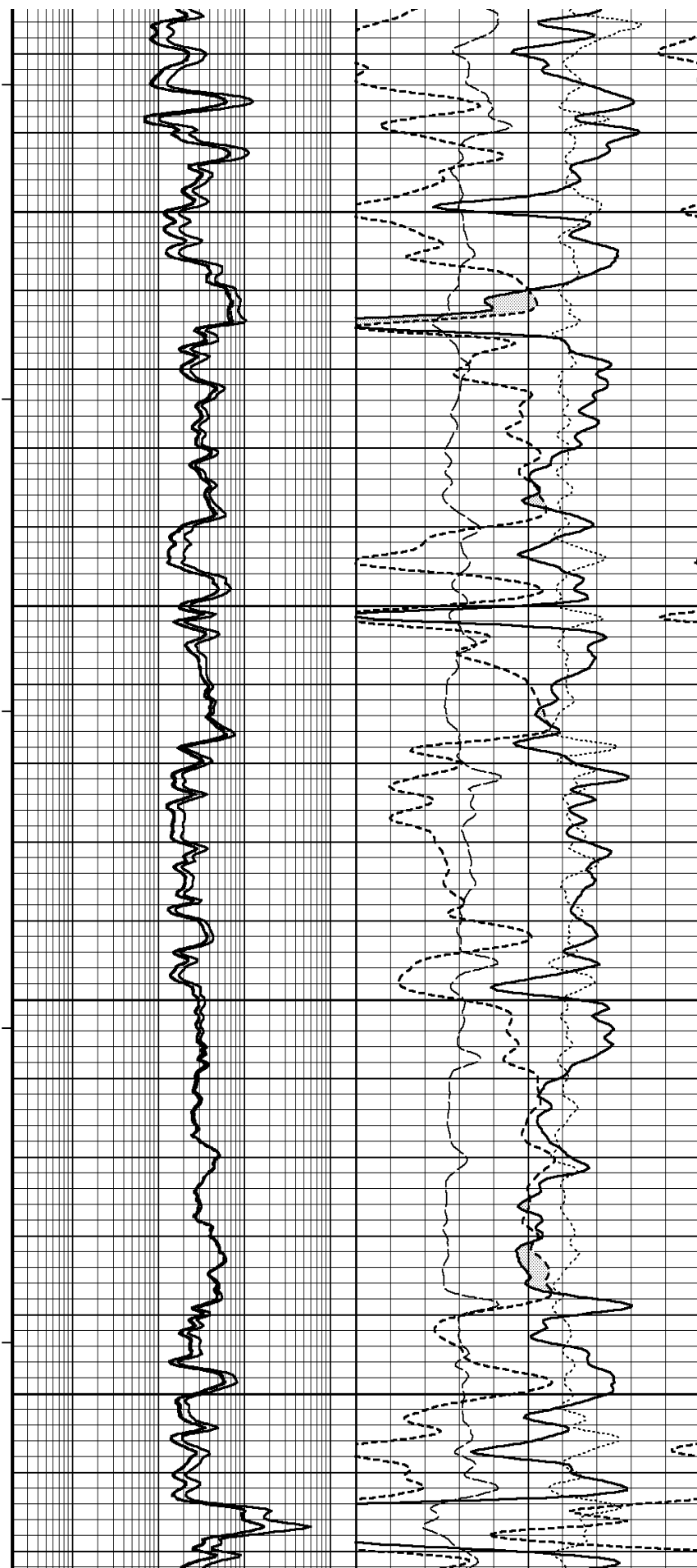
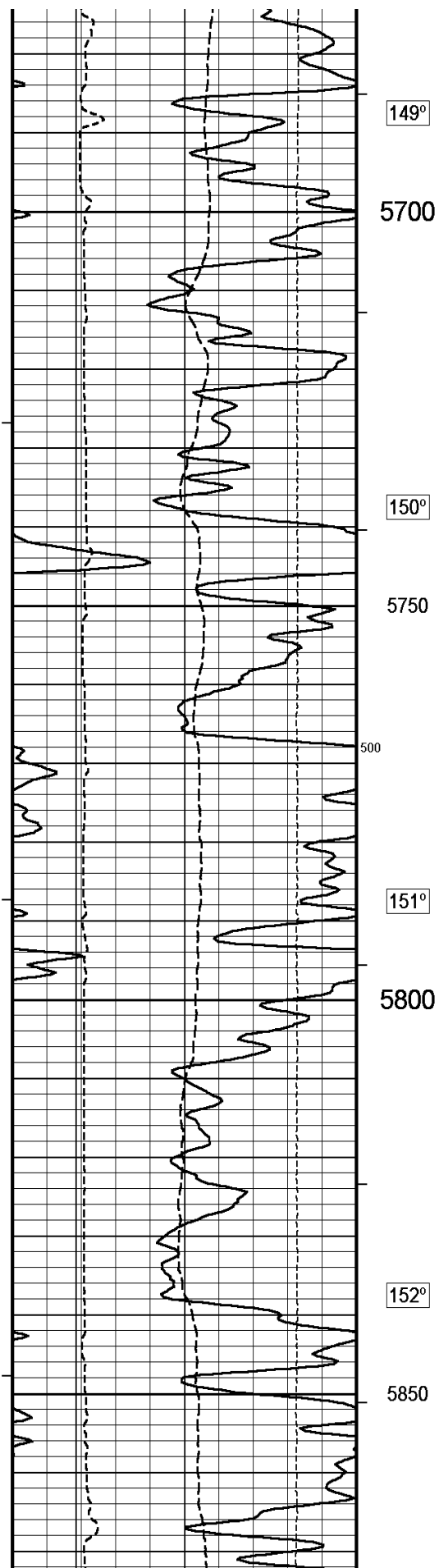


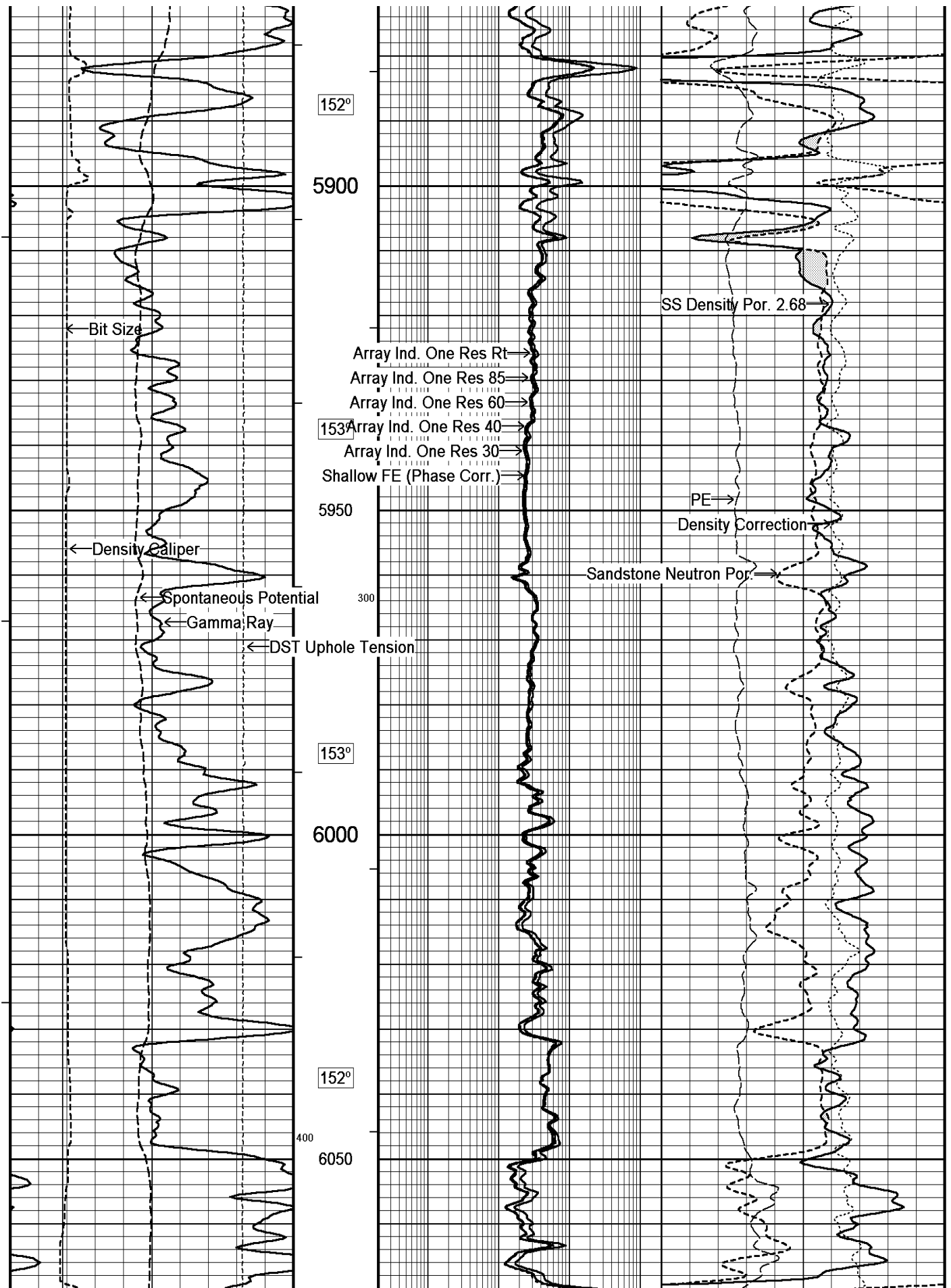


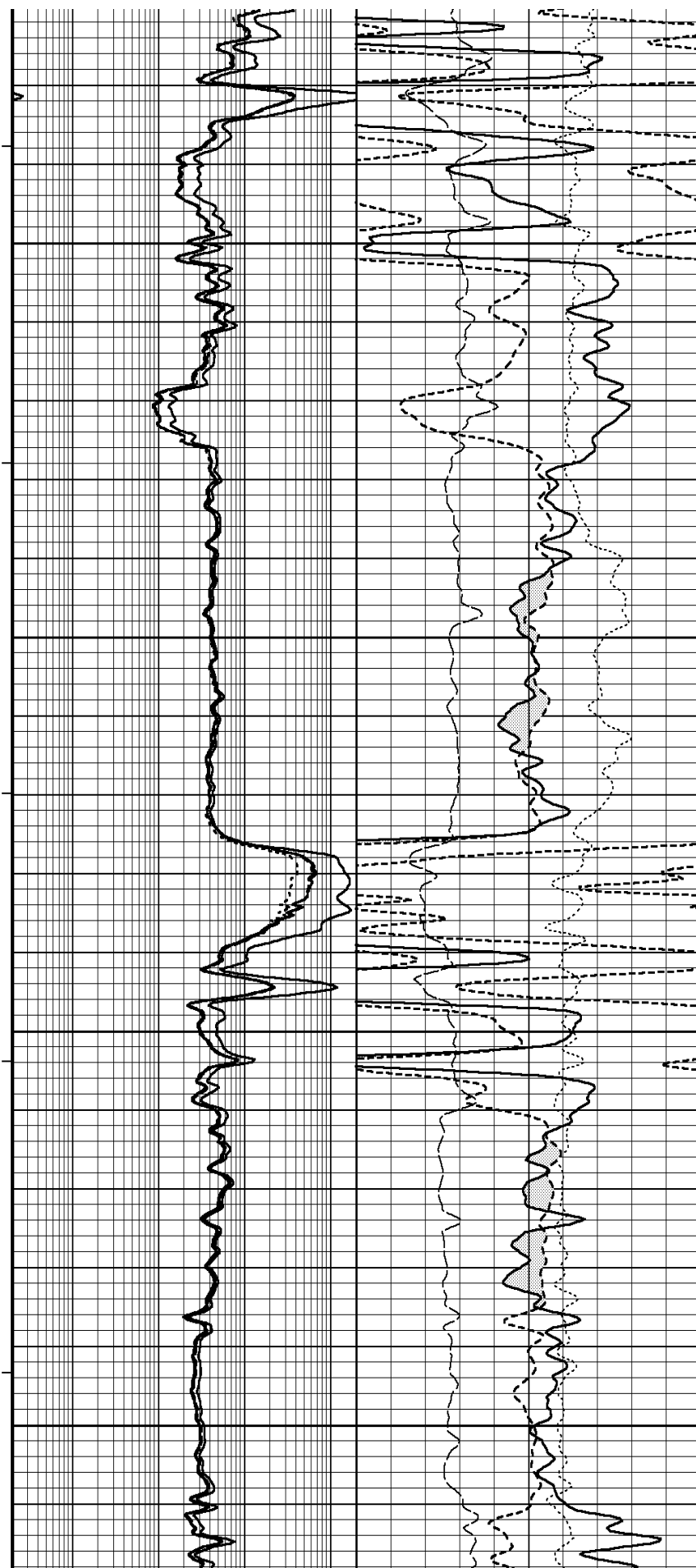
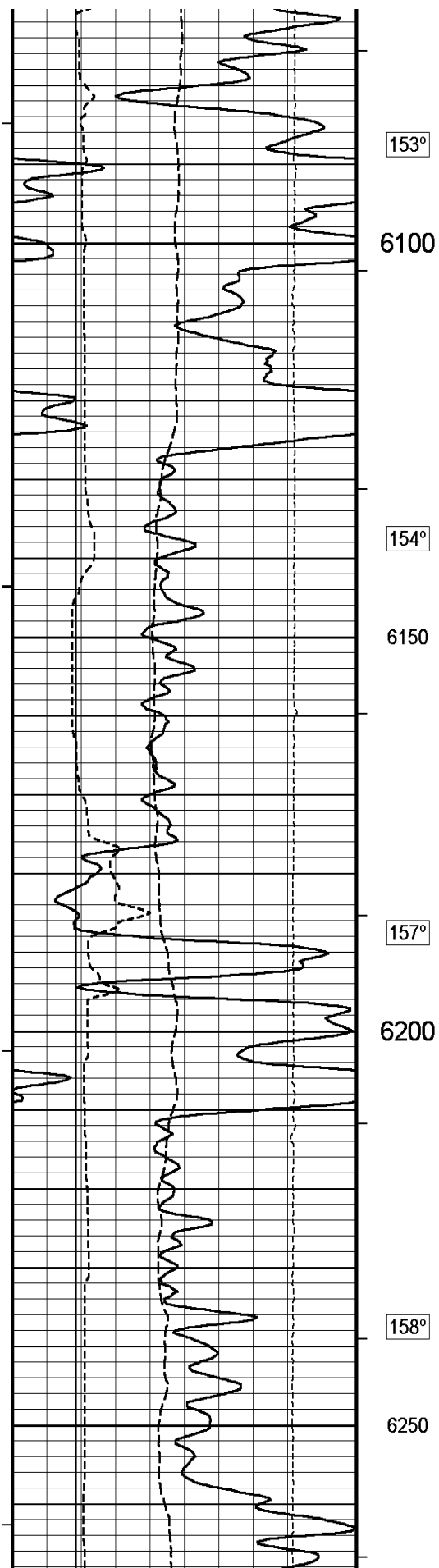


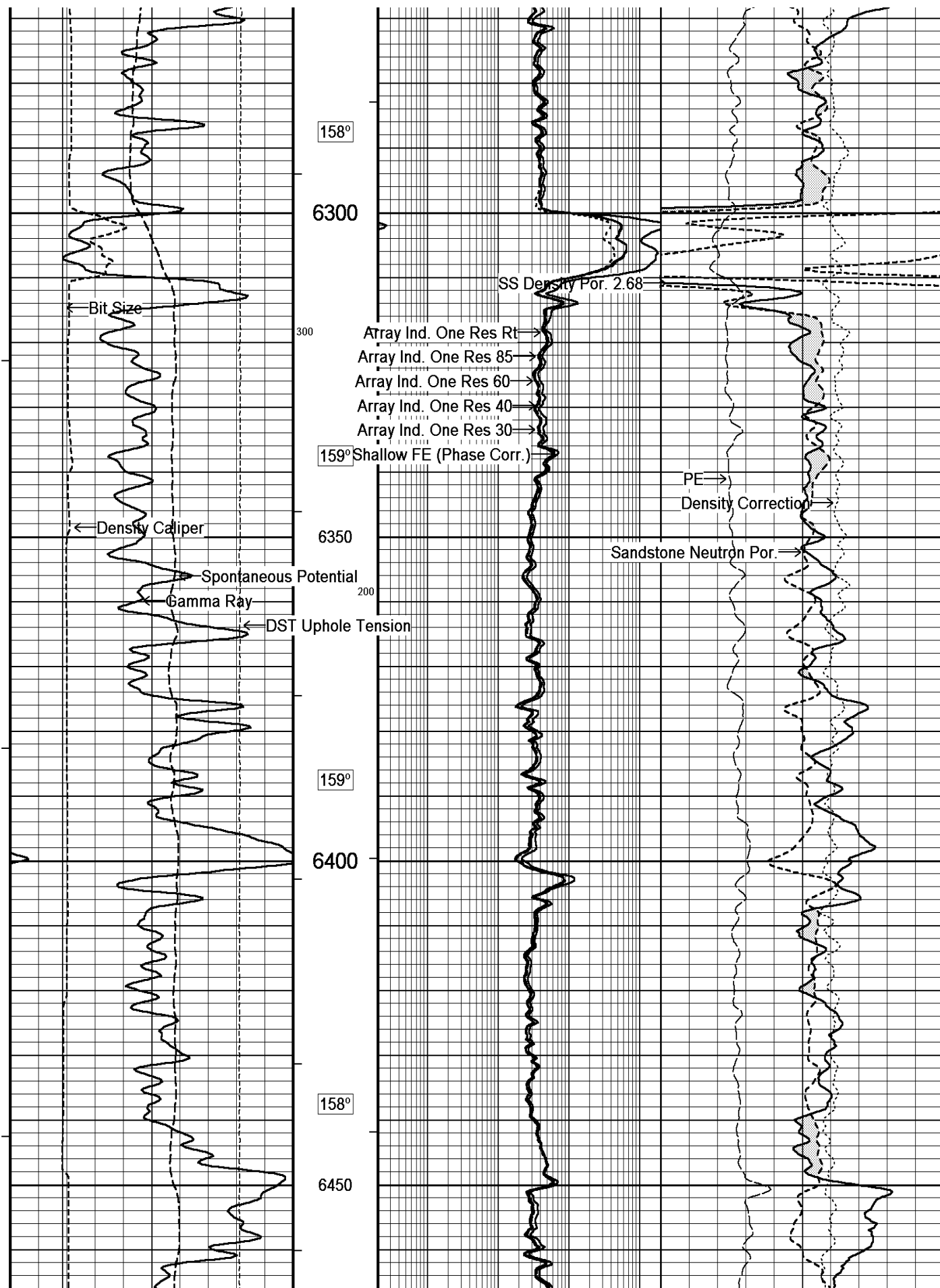


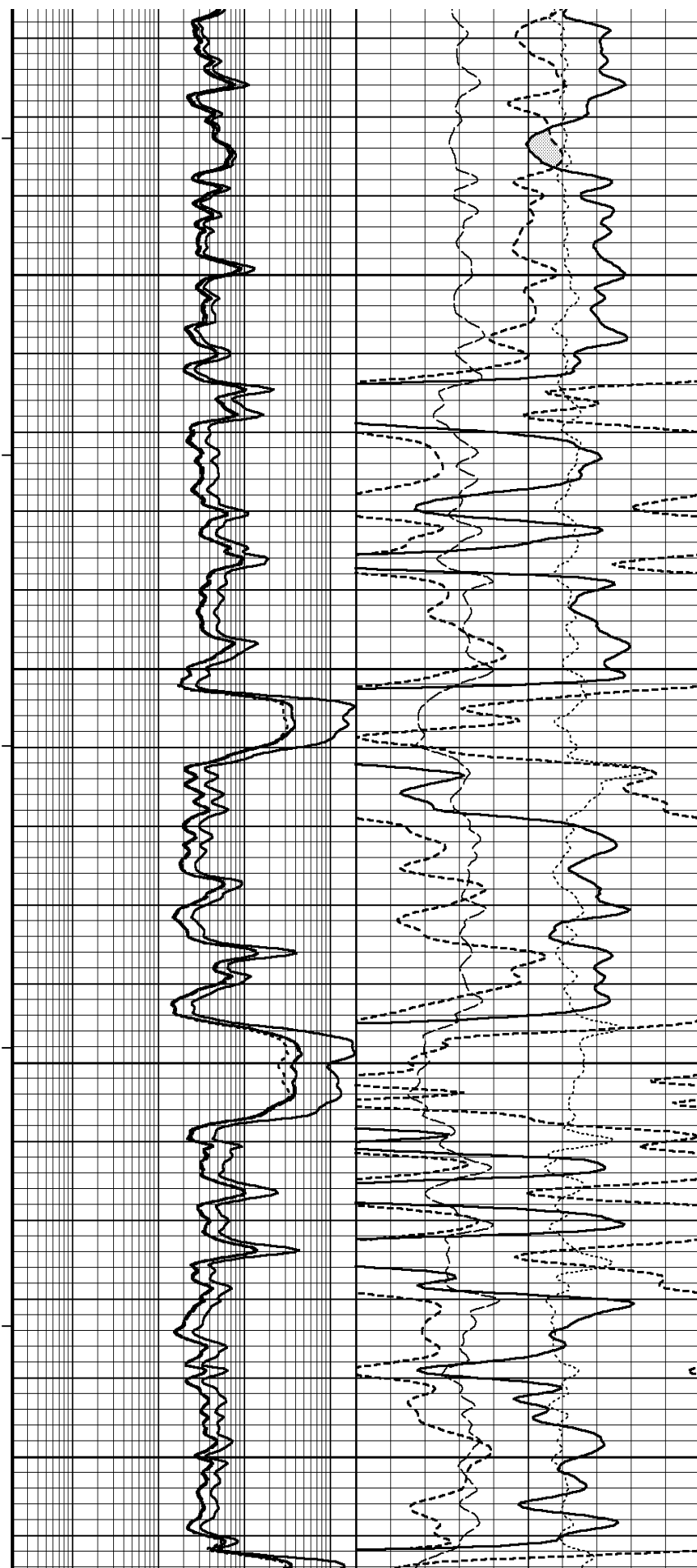
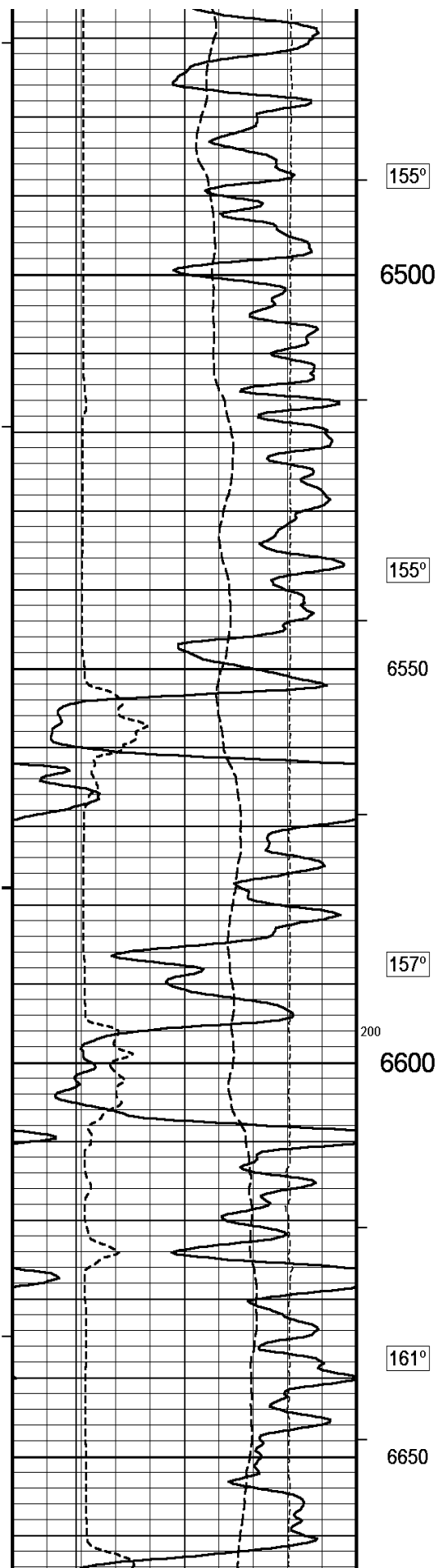


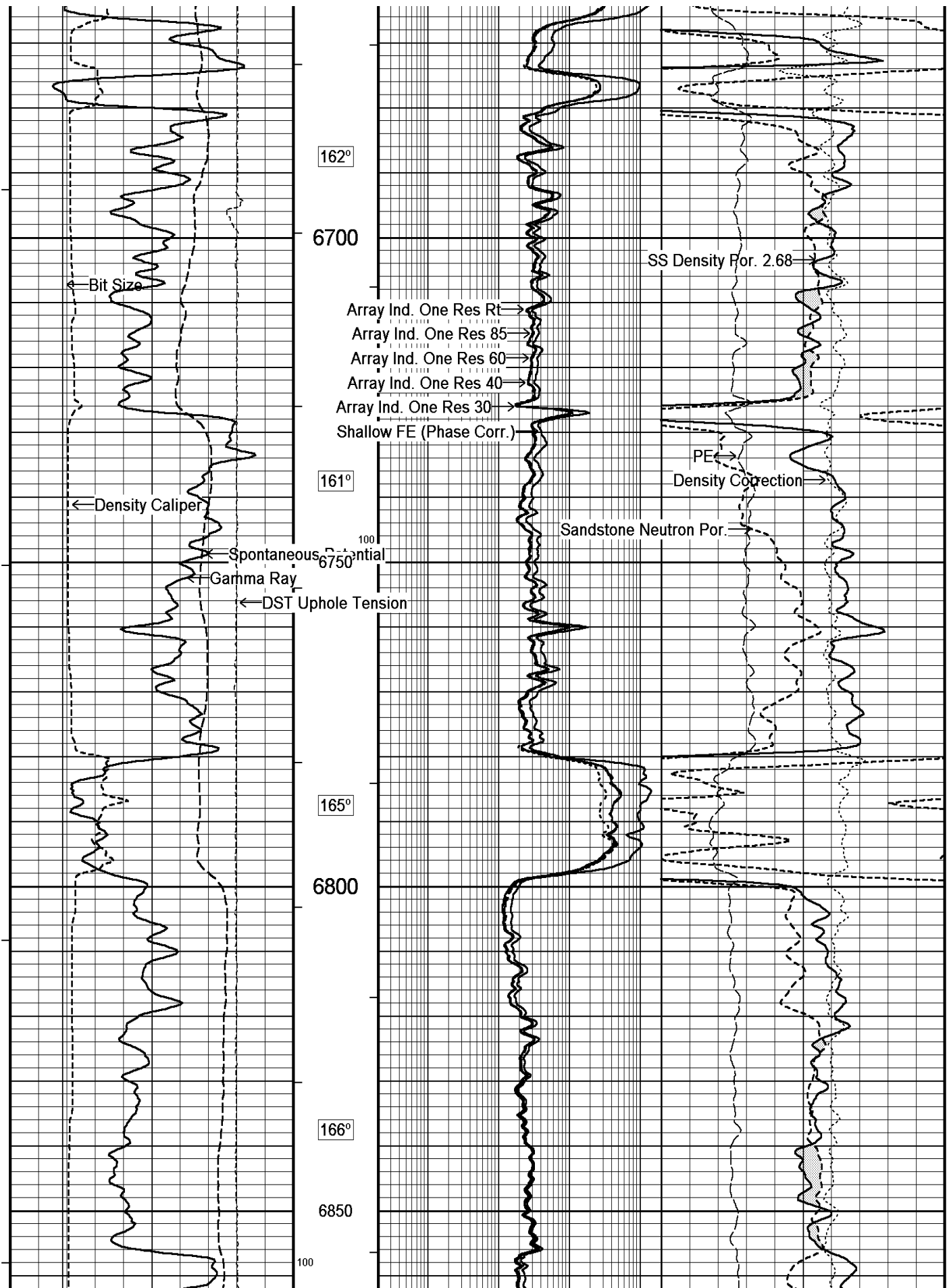


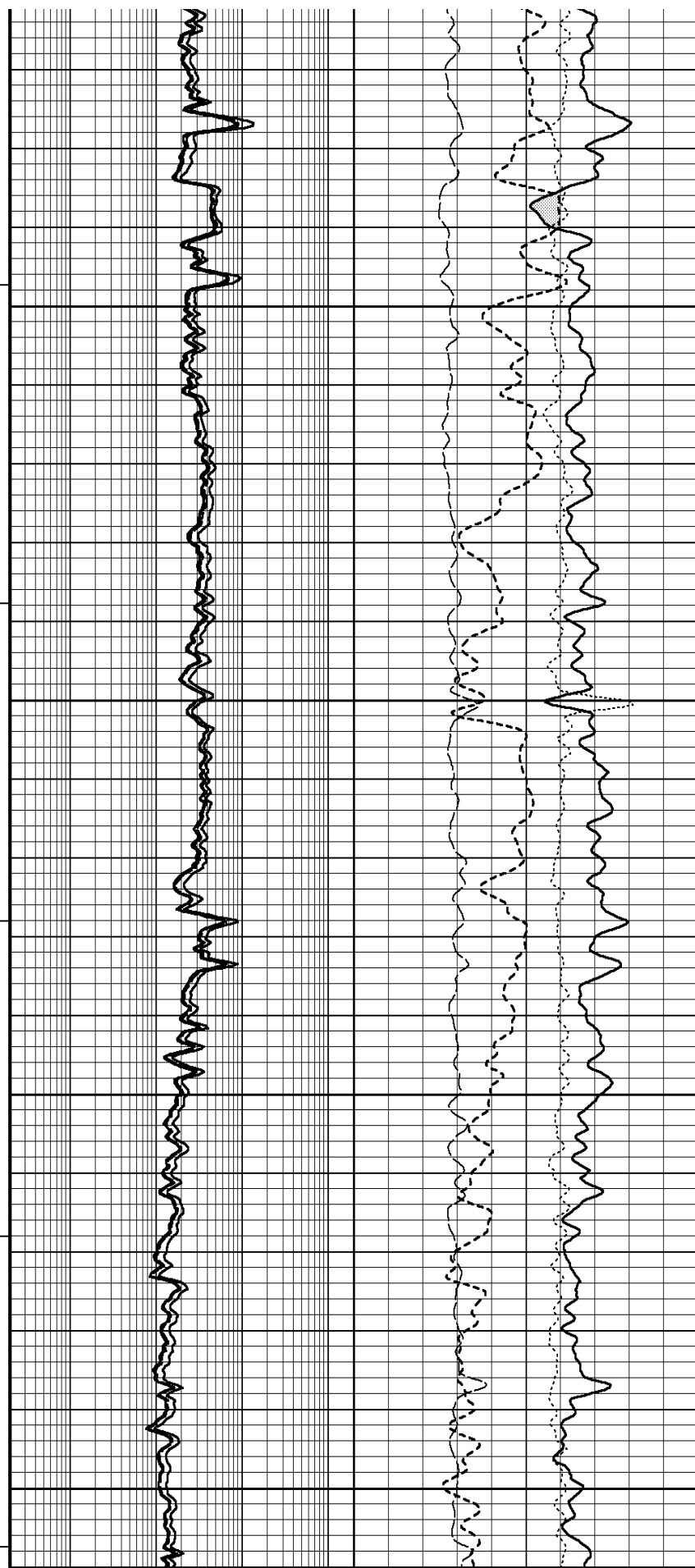
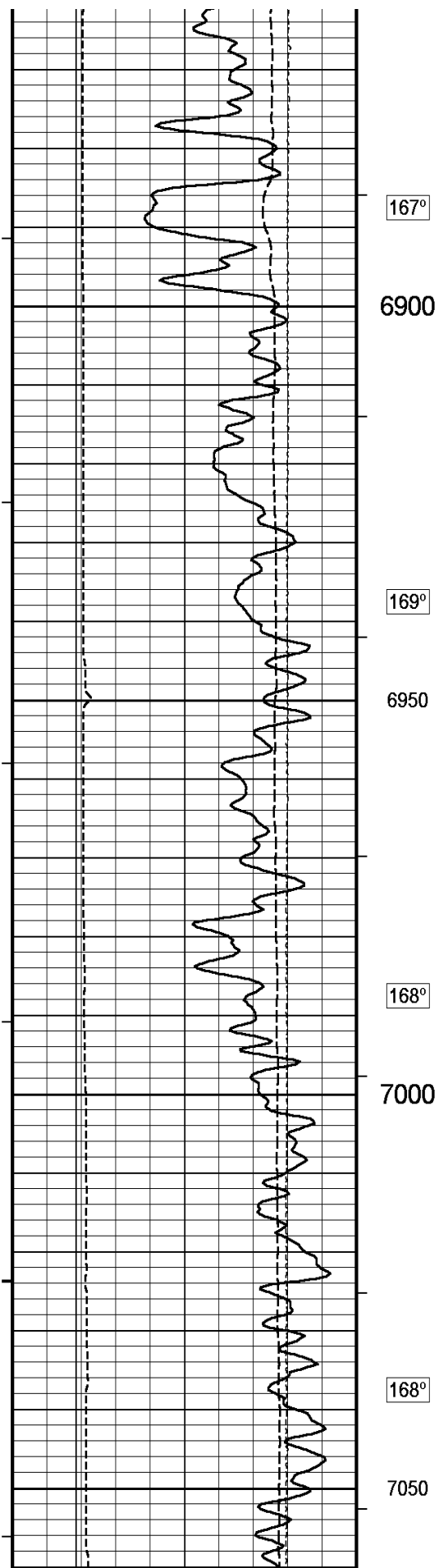


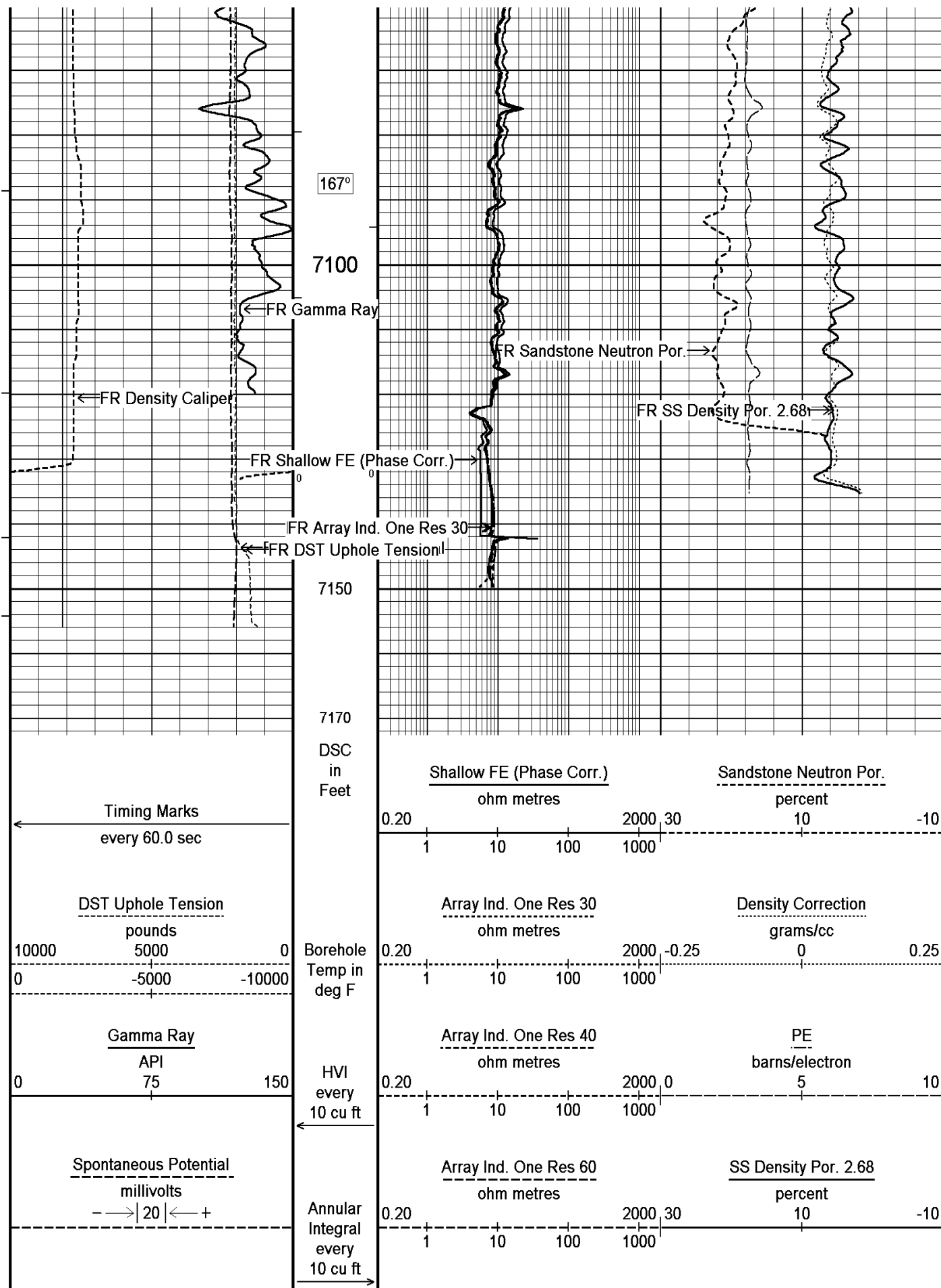


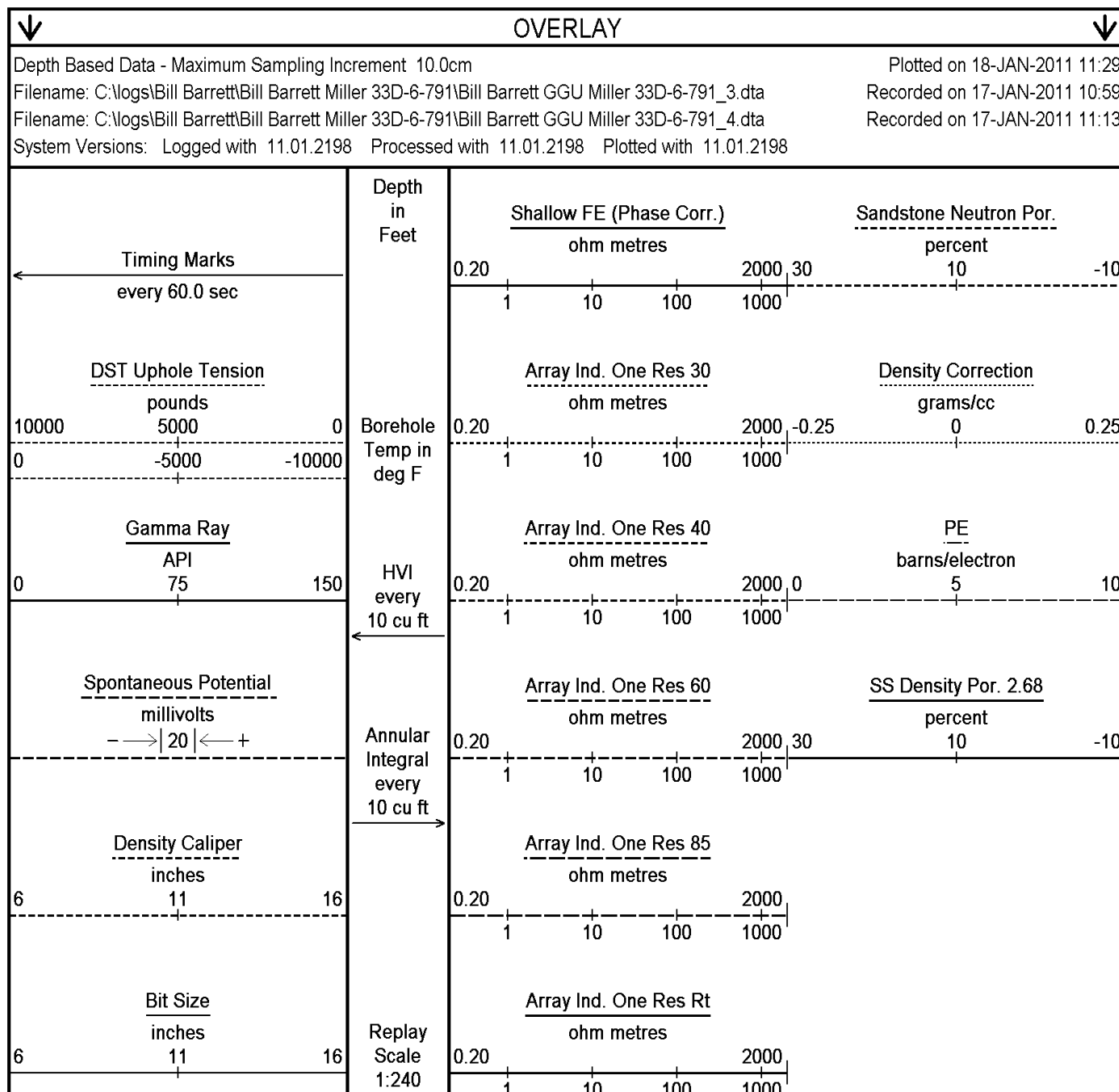
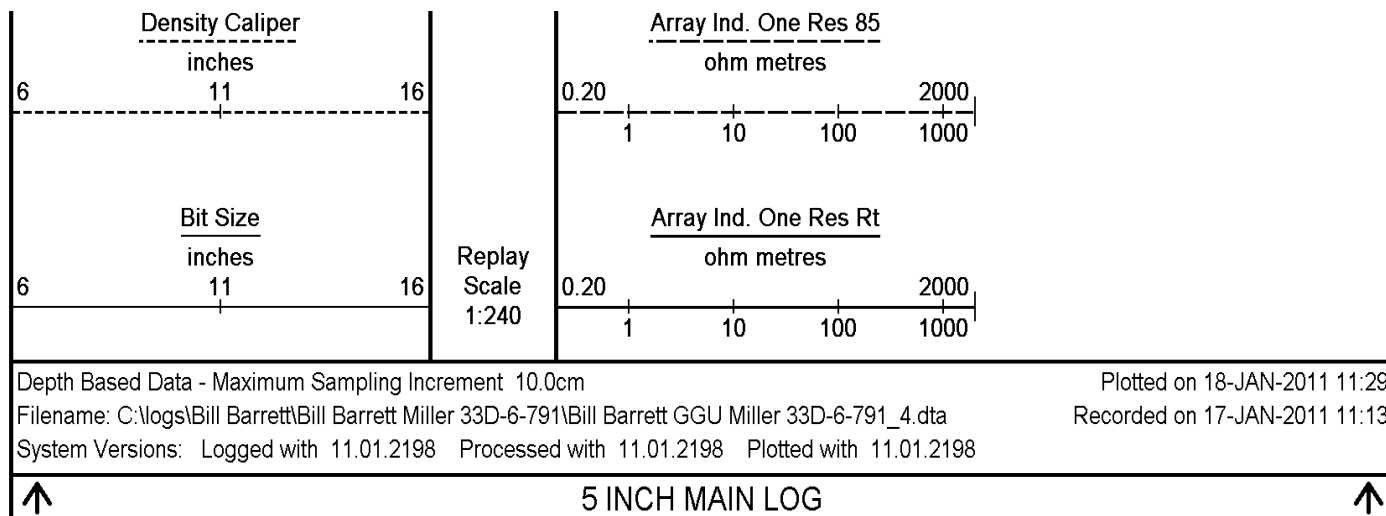


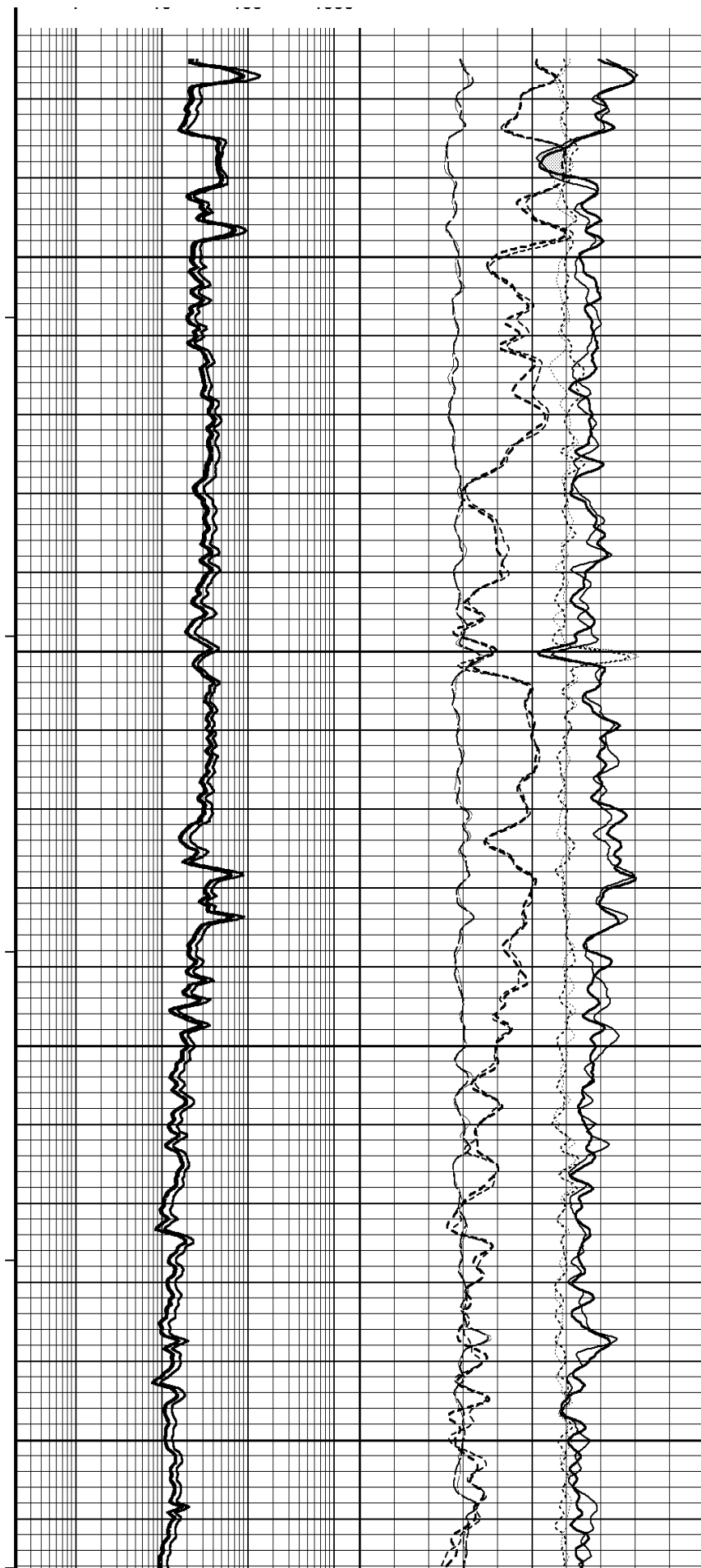
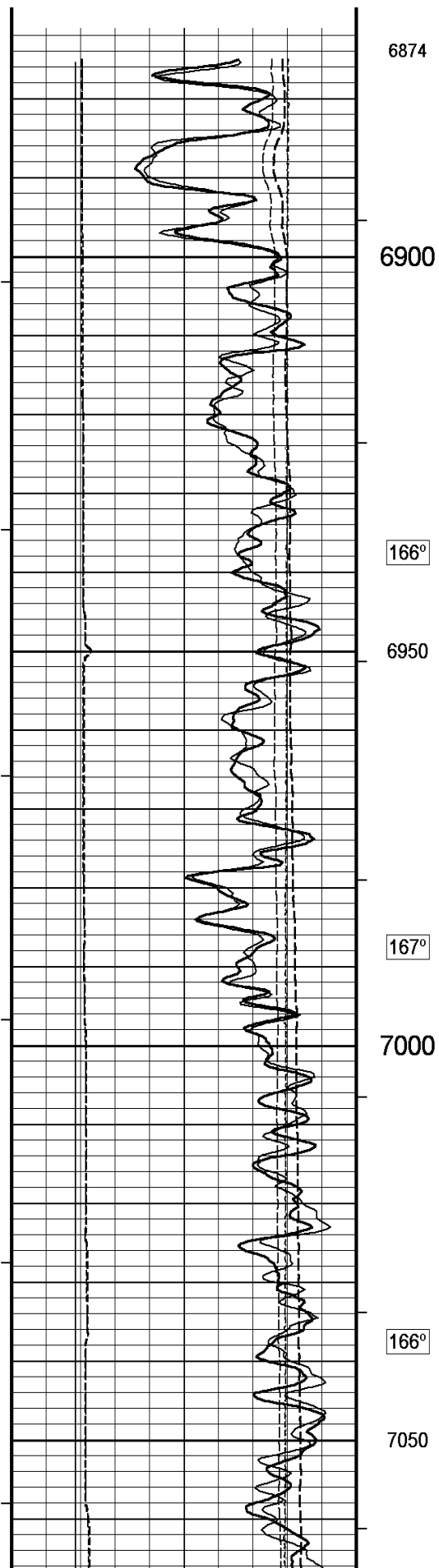


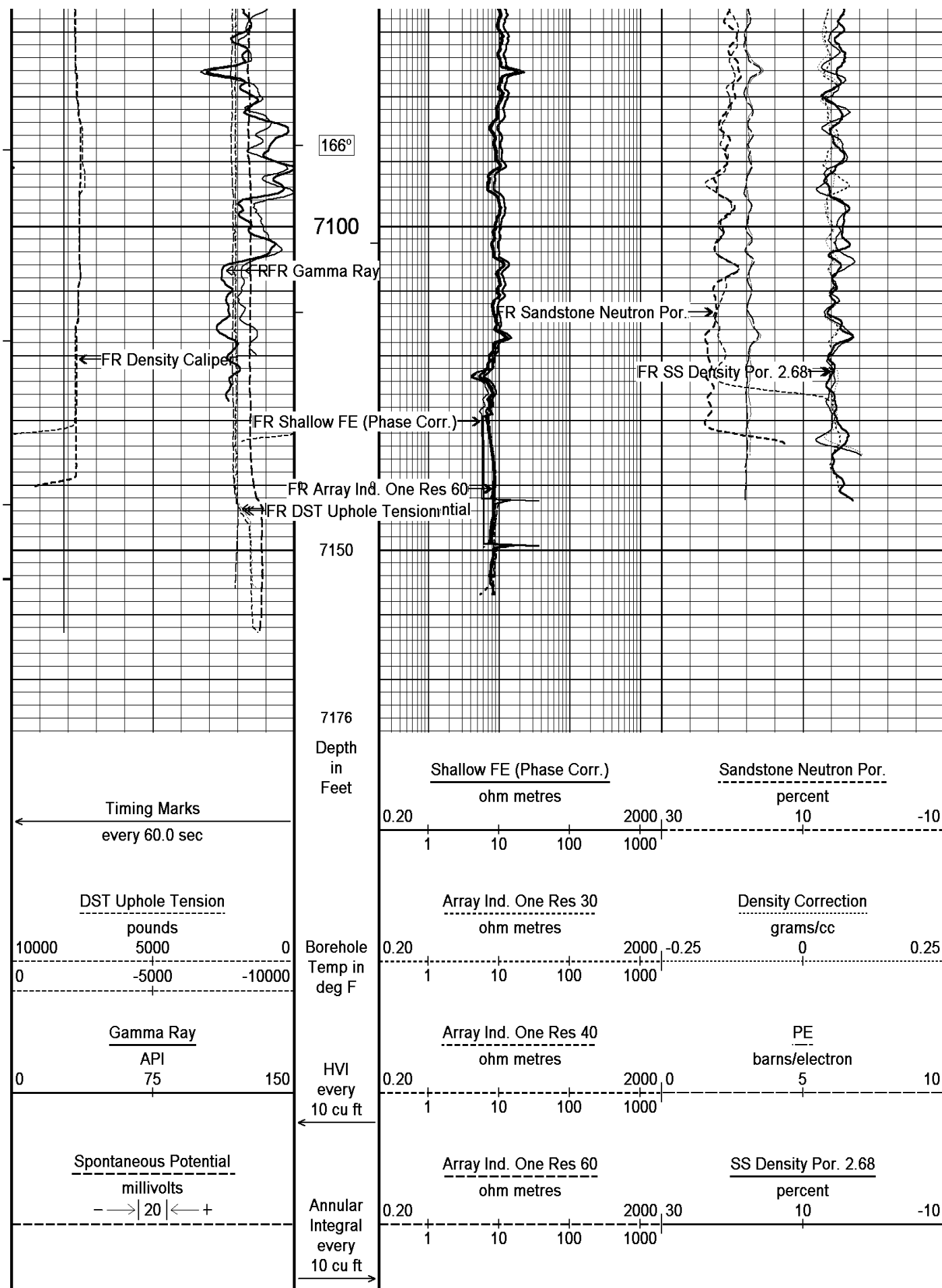


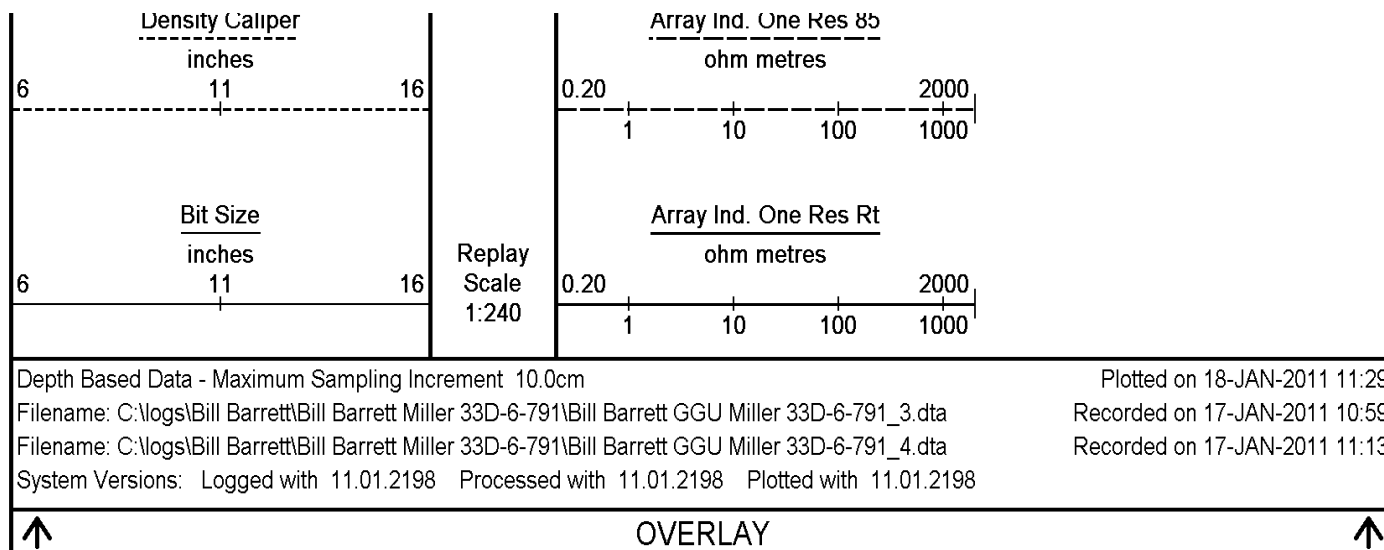












BEFORE SURVEY CALIBRATION			
C:\logs\Bill Barrett\Bill Barrett Miller 33D-6-791\Bill Barrett GGU Miller 33D-6-791_3.dta			
General Constants All 000		Last Edited on 17-JAN-2011,08:40	
General Parameters			
Mud Resistivity	5.600	ohm-metres	
Mud Resistivity Temperature	70.000	degrees F	
Water Level	0.000	feet	
Density/Neutron Processing	Wet Hole		
Hole/Annular Volume and Differential Caliper Parameters			
HVOL Method	Single Caliper		
HVOL Caliper 1	Density Caliper		
HVOL Caliper 2	N/A		
Annular Volume Diameter	4.500	inches	
Caliper for Differential Caliper	None		
Rwa Parameters			
Porosity used	Base Density Porosity		
Resistivity used	Array Ind. One Res Rt		
RWA Constant A	0.610		
RWA Constant M	2.150		
Down-hole Tension Calibration SMS 0		Field Calibration on 17-JAN-2011 09:51	
Reading No	Measured	Calibrated (lbs)	
1	15047.61	0.00	
2	16555.58	360.00	
High Resolution Temperature Calibration MCG-C 145		Field Calibration on 17-NOV-2010,12:09	
	Measured	Calibrated(Deg F)	
Lower	50.00	50.00	
Upper	75.00	75.00	
High Resolution Temperature Constants MCG-C 145		Last Edited on 24-NOV-2009,08:49	
Pre-filter Length	11		
SP Calibration MCG-C 145		Field Calibration on 27-DEC-2010 14:53	
	Measured	Calibrated (mV)	
Reference 1	103.2	100.1	
Reference 2	-96.7	-100.1	

Gamma Calibration MCG-C 145			Field Calibration on 17-JAN-2011,08:50	
	Measured	Calibrated (API)		
Background	81	58		
Calibrator (Gross)	753	538		
Calibrator (Net)	672	480		
Gamma Constants MCG-C 145			Last Edited on 15-JAN-2011,08:50	
Gamma Calibrator Number	GRCC 112			
Mud Density	1.00	gm/cc		
Caliper Source for Processing	Density Caliper			
Tool Position	Eccentred			
Concentration of KCl	0.00	kppm		
Neutron Calibration MDN-B.A 191			Base Calibration on 22-DEC-2010 16:27 Field Check on 17-JAN-2011,08:50	
Base Calibration				
	Measured		Calibrated (cps)	
	Near	Far	Near	Far
	2878	90	3714	110
Ratio	32.150		33.764	
Field Calibrator at Base			Calibrated (cps)	
			1662	2415
Ratio	0.688			
Field Check			Calibrated (cps)	
			1658	2417
Ratio	0.686			
Neutron Constants MDN-B.A 191			Last Edited on 17-JAN-2011,07:08	
Neutron Source Id	P44382B			
Neutron Jig Number	6531NK			
Epithermal Neutron	No			
Caliper Source for Processing	Density Caliper			
Stand-off	0.00	inches		
Mud Density	1.00	gm/cc		
Limestone Sigma	7.10	cu		
Sandstone Sigma	7.00	cu		
Dolomite Sigma	4.70	cu		
Formation Pressure Source	None			
Formation Pressure	N/A	kpsi		
Temperature Source	None			
Temperature	N/A	degrees F		
Mud Salinity	0.00	kppm		
Formation Fluid Salinity Source	None			
Formation Fluid Salinity	N/A	kppm		
Barite Mud Correction	Not Applied			
Micro Normal and Micro Inverse Calibration MDN-B.A 191			Base Calibration on 3-MAY-2007 19:21 Field Check on	
Base Calibration				
	Measured		Calibrated (ohm-m)	
Channel	Resistor 1	Resistor 2	Resistor 1	Resistor 2
Micro Normal	8.2	41.0	10.0	50.0
Micro Inverse	8.2	41.2	10.0	50.0
Channel	Base Check (ohm-m)		Field Check (ohm-m)	
Micro Normal	0.0		0.0	
Micro Inverse	0.0		0.0	
Micro Normal and Micro Inverse Constants MDN-B.A 191			Last Edited on 13-FEB-2007,11:14	

Pad Type	0			
Micro Normal K Factor	1.0000			
Micro Inverse K Factor	1.0000			
Standoff Offset	N/A	inches		
FE Calibration MFE-B.A 220			Base Calibration on 17-JAN-2011,08:48 Field Check on	
Base Calibration				
	Measured	Calibrated (ohm-m)		
Reference 1	0.0	0.0		
Reference 2	964.5	126.8		
Base Check		280.9		
Field Check		0.0		
FE Constants MFE-B.A 220			Last Edited on 17-JAN-2011,07:07	
Running Mode	No Sleeve			
MFE K Factor	0.1268			
Caliper Source for FE correction	Density Caliper			
Caliper Value for FE correction	N/A	inches		
Rm Source for FE correction	Temperature Corr			
Temp. for Rm Corr.	MCG External Temperature			
Stand-off	1.0	inches		
Induction Calibration MAI-B.J 362			Base Calibration on 27-DEC-2010,15:17 Field Check on 17-JAN-2011,08:48	
Base Calibration				
Test Loop Calibration	Measured	Calibrated (mmho/m)		
Channel	Low High	Low High		
1	16.0 468.7	9.3 966.2		
2	6.2 374.5	7.6 821.4		
3	3.6 258.3	5.2 566.0		
4	1.8 133.1	2.6 279.2		
Array Temperature	74.8	Deg F		
Channel	Base Check (mmho/m)	Field Check (mmho/m)		
	Low High	Low High		
1	14.0 3874.1	14.6 3875.2		
2	30.3 3606.6	30.4 3606.9		
3	28.3 3070.1	28.4 3070.1		
4	19.7 2079.7	19.7 2079.7		
Deep	17.4 1954.7	17.4 1954.7		
Medium	41.1 4078.2	41.1 4078.1		
Shallow	45.3 5402.0	45.3 5402.4		
Array Temperature	46.1	56.4	Deg F	
Induction Constants MAI-B.J 362			Last Edited on 17-JAN-2011,07:07	
Induction Model	RtAP-WBM			
Caliper for Borehole Corr.	Density Caliper			
Hole Size for Borehole Correction	N/A	inches		
Tool Centred	No			
Stand-off Type	Fins			
Stand-off	1.00	inches		
Number of Fins on Stand-off	6.0000			
Stand-off Fin Angle	60.00	degrees		
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		
Squasher Offset	N/A	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	
Source for Rt		0.00		
Source for Rxo		0.00		

High Resolution Temperature Calibration MAI-B.J 362			Field Calibration on 16-JAN-2011 15:15
	Measured	Calibrated(Deg F)	
Lower	127.66	130.00	
Upper	139.15	139.00	

High Resolution Temperature Constants MAI-B.J 362		Last Edited on
Pre-filter Length	11	

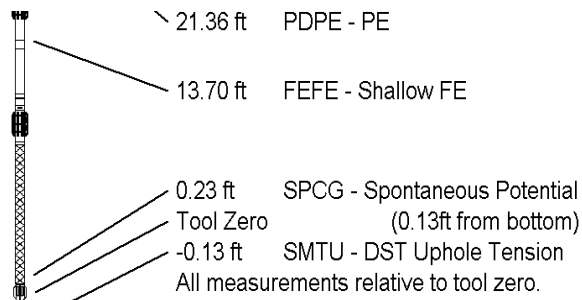
Caliper Calibration MPD-C.A 215			Base Calibration on 17-JAN-2011,08:49
			Field Calibration on 17-JAN-2011 10:12
Base Calibration			
Reading No	Measured	Calibrator Size (in)	
1	15212	3.99	
2	23984	5.96	
3	32799	7.99	
4	40800	9.86	
5	50187	11.93	
6	N/A	N/A	
Field Calibration			
	Measured Caliper (in)	Actual Caliper (in)	
	8.84	8.92	

Photo Density Calibration MPD-C.A 215			Base Calibration on 17-JAN-2011,08:49	
			Field Check on	
Density Calibration				
Base Calibration		Measured	Calibrated (sdu)	
	Near	Far	Near	Far
Reference 1	43536	15059	52994	19128
Reference 2	20646	2470	25185	2558
Field Check at Base				
	1316.1	1398.6		
Field Check				
	0.0	0.0		
PF Calibration				

Compact Focussed Electric
MFE-B.A 220 LG: 6.03 ft WT: 48.5 lb OD: 2.24 in

Compact Induction
MAI-B.J 362 LG: 10.81 ft WT: 48.5 lb OD: 2.24 in

Total Length: 47.47 ft Weight: 372.6 lb



COMPANY	BILL BARRETT CORPORATION
WELL	MILLER 33D-6-791
FIELD	GIBSON GULCH
PROVINCE/COUNTY	GARFIELD
COUNTRY/STATE	U.S.A. / COLORADO

Elevation Kelly Bushing	6288.00	feet	First Reading	7141.00	
Elevation Drill Floor	6287.00	feet	Depth Driller	7145.00	feet
Elevation Ground Level	6266.00	feet	Depth Logger	7144.00	feet



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