COMPACT TRIPLE COMBO
QUICKLOOK
LOG

COMPANY	J-W OPERATING COMPANY
WELL	GREAT DIVIDE FEDERAL 11-33
FIELD	GREAT DIVIDE
PROVINCE/COUNTY	MOFFAT
COUNTRY/STATE	U.S.A. / COLORADO
LOCATION	SHL: 1103' FNL & 994' FWL

SEC	TWP	RGE	Other Services
33	10N	93W	MBN

API Number 05-081-07401
Permit Number

Permanent Datum G.L., Elevation 6889 feet
Log Measured From K.B. @ 15 FEET above Permanent Datum
Drilling Measured From K.B.

Elevations:	feet
KB	6904.00
DF	6903.00
GL	6889.00

Date	15-OCT-2007			
Run Number	ONE			
Depth Driller	8103.00	feet		
Depth Logger	8095.00	feet		
First Reading	8092.00	feet		
Last Reading	801.00	feet		
Casing Driller	799.00	feet		
Casing Logger	801.00	feet		
Bit Size	7.88	inches		
Hole Fluid Type	LSND			
Density / Viscosity	9.40 lb/USg	53.00 CP		
PH / Fluid Loss	9.50	6.00 ml/30Min		
Sample Source	FLOW LINE			
Rm @ Measured Temp	1.98 @ 72.0	ohm-m		
Rmf @ Measured Temp	1.58 @ 72.0	ohm-m		
Rmc @ Measured Temp	0.95 @ 72.0	ohm-m		
Source Rmf / Rmc	CALC	CALC		
Rm @ BHT	0.93 @154.0	ohm-m		
Time Since Circulation	6 HOURS			
Max Recorded Temp	154.00	deg F		
Equipment Name	COMPACT			
Equipment / Base	13037	GDJCT		
Recorded By	C. PHILLIPS		R. BROWN	
Witnessed By	J. BENNETT			
Last Title	Last Line		Last Line	

BOREHOLE RECORD

Last Edited: 16-OCT-2007 10:27

Bit Size inches	Depth From feet	Depth To feet
7.875	799.00	8103.00

CASING RECORD

Type	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft
SURFACE	8.625	0.00	799.00	24.00

REMARKS

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

HARDWARE: MDN: DUAL NEUTRON BOWSPRING USED.
MPD: 8" PROFILE PLATE USED.
MFE: ONE 0.5" STANDOFF USED.
MAI: TWO 0.5" STANDOFFS USED.

2.68 G/CC DENSITY MATRIX USED TO CALCULATE POROSITY.

ALL INTERVALS LOGGED AND SCALED PER CUSTOMER'S REQUEST.

FIRST ATTEMPT CONVENTIONAL LOGGING RUN BRIDGED OFF AT 6599 FEET.

SECOND ATTEMPT THROUGH DRILL PIPE. NO STANDOFFS OR BOWSPRINGS USED DUE TO THROUGH DRILL PIPE OPERATION.

FIRST AND SECOND RUN WERE NOT SPLICED DUE TO DIFFERENT TOOL STRING CONFIGURATIONS.

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

DENSITY AND P.E. READINGS MAY BE AFFECTED BY BARITE IN MUD SYSTEM.

OPERATORS: W. HOFFMAN, B. DROWN

SERVICE ORDER: #3505350.

RIG: GUNNISON #101.

5 INCH MAIN LOG TOP

Depth Based Data - Maximum Sampling Increment 10.0cm — Plotted on 17-OCT-2007 03:21

Filename: C:\DOCUME~1\footedk\LOCALS~1\Temp\Weatherford PreView\0\jdf11_35.dta — Recorded on 15-OCT-2007 22:18

System Versions: Logged with 8.00.0052 Plotted with 8.01.0085

Timing Marks
every 60.0 sec

DST Uphole Tension(SMTU)
pounds
10000 5000 0

Gamma Ray(GRGC)
API
50 125 200

Spontaneous Potential(SPCG)
millivolts
– → | 20 | ← +

Density Caliper(CLDC)
inches
6 11 16

Bit Size(BIT)
inches
6 11 16

DSC
in
Feet

Borehole
Temp in
deg F

HVI
every
10 cu ft

Annular
Integral
every
10 cu ft

Replay
Scale
1:240

Shallow FE(FEFE)
ohm metres
0.20 1 10 100 200

SS Neutron Por.(NPRS)
percent
30 10 -10

Medium Induction(RILM)
ohm metres
0.20 1 10 100 200

Density Correction(DCOR)
grams/cc
-0.25 0 0.25

Deep Induction(RILD)
ohm metres
0.20 1 10 100 200

PE(PDPE)
barns/electron
0 5 10

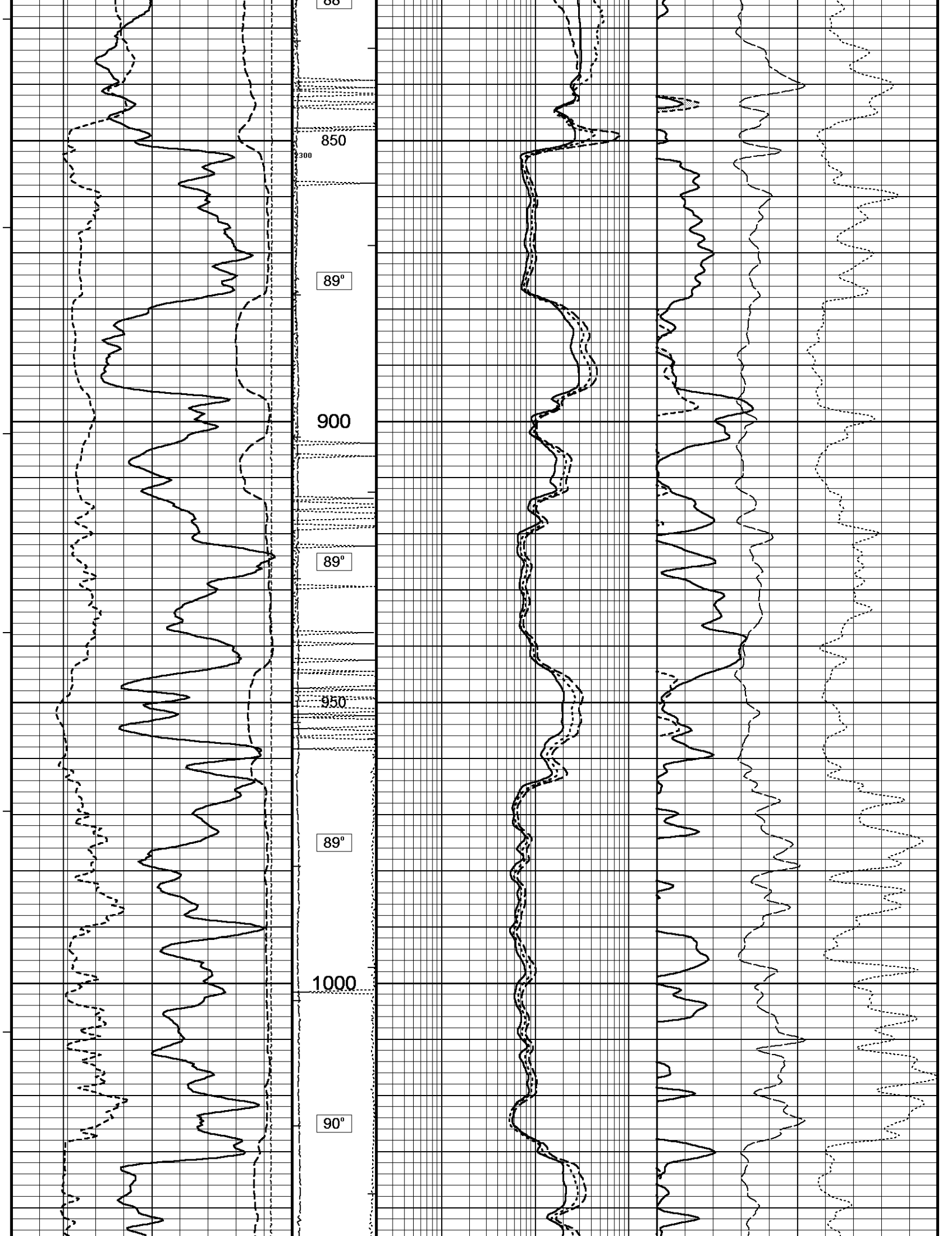
SS Density Por. 2.68(DPOR)
percent
30 10 -10

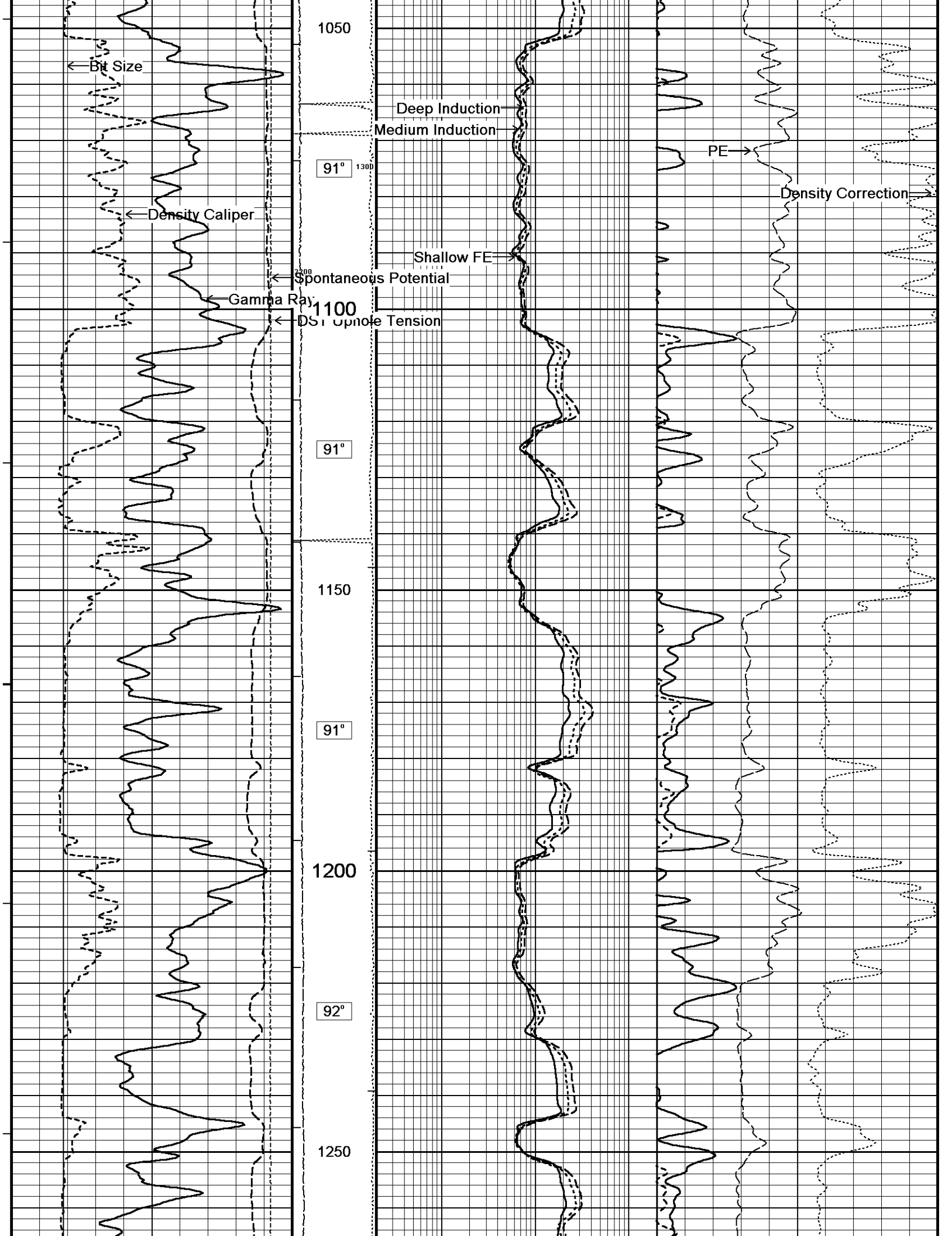
788

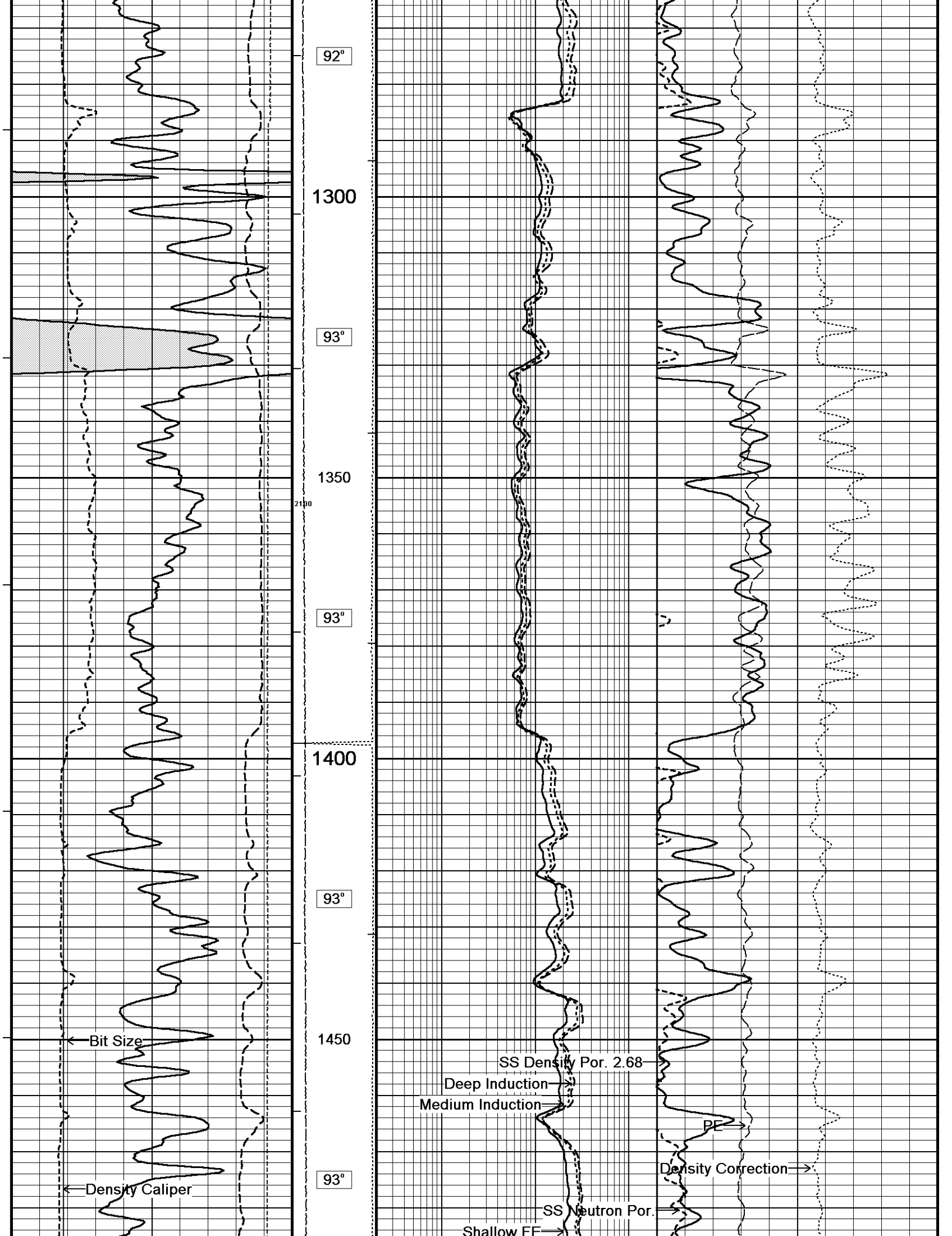
Casing

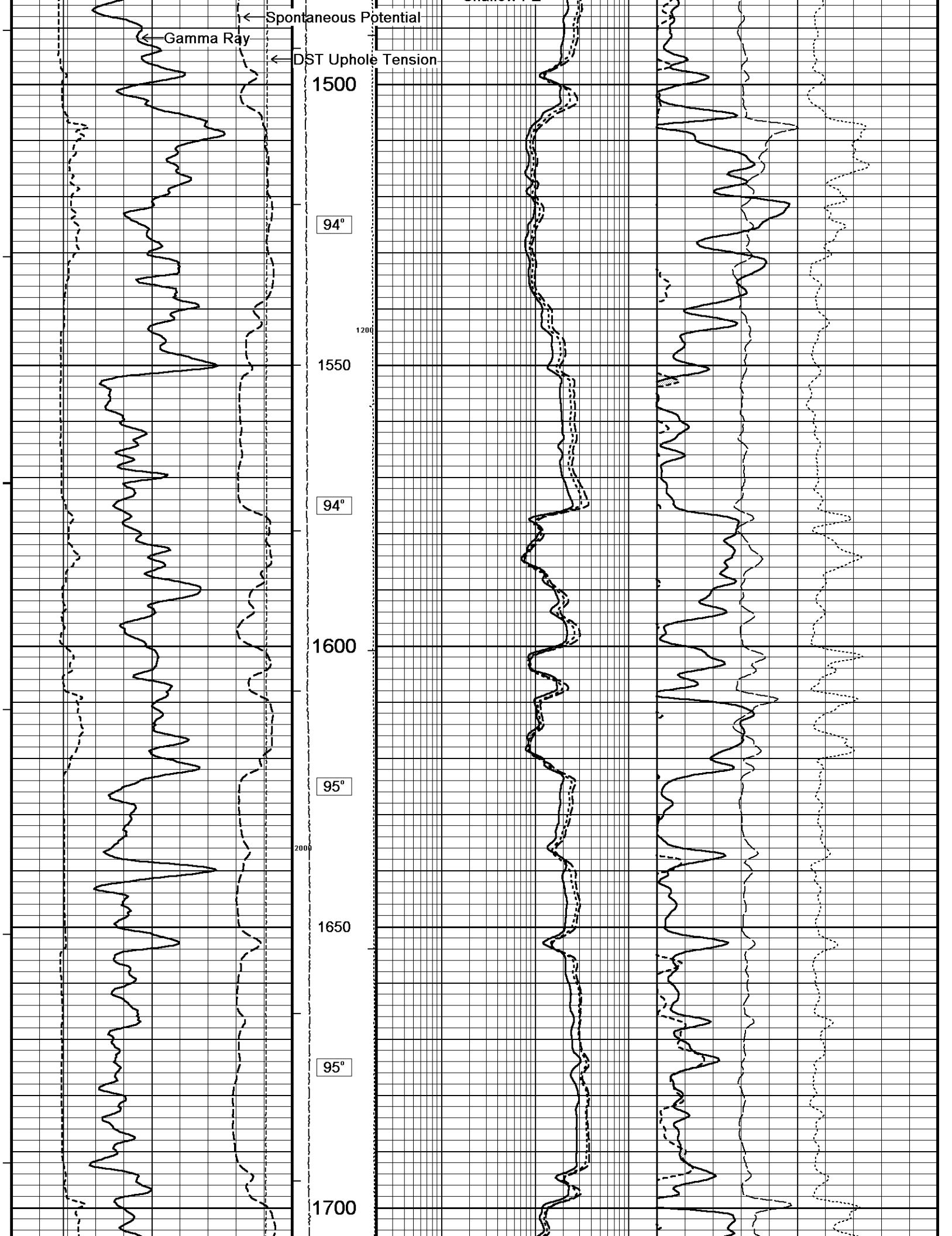
800

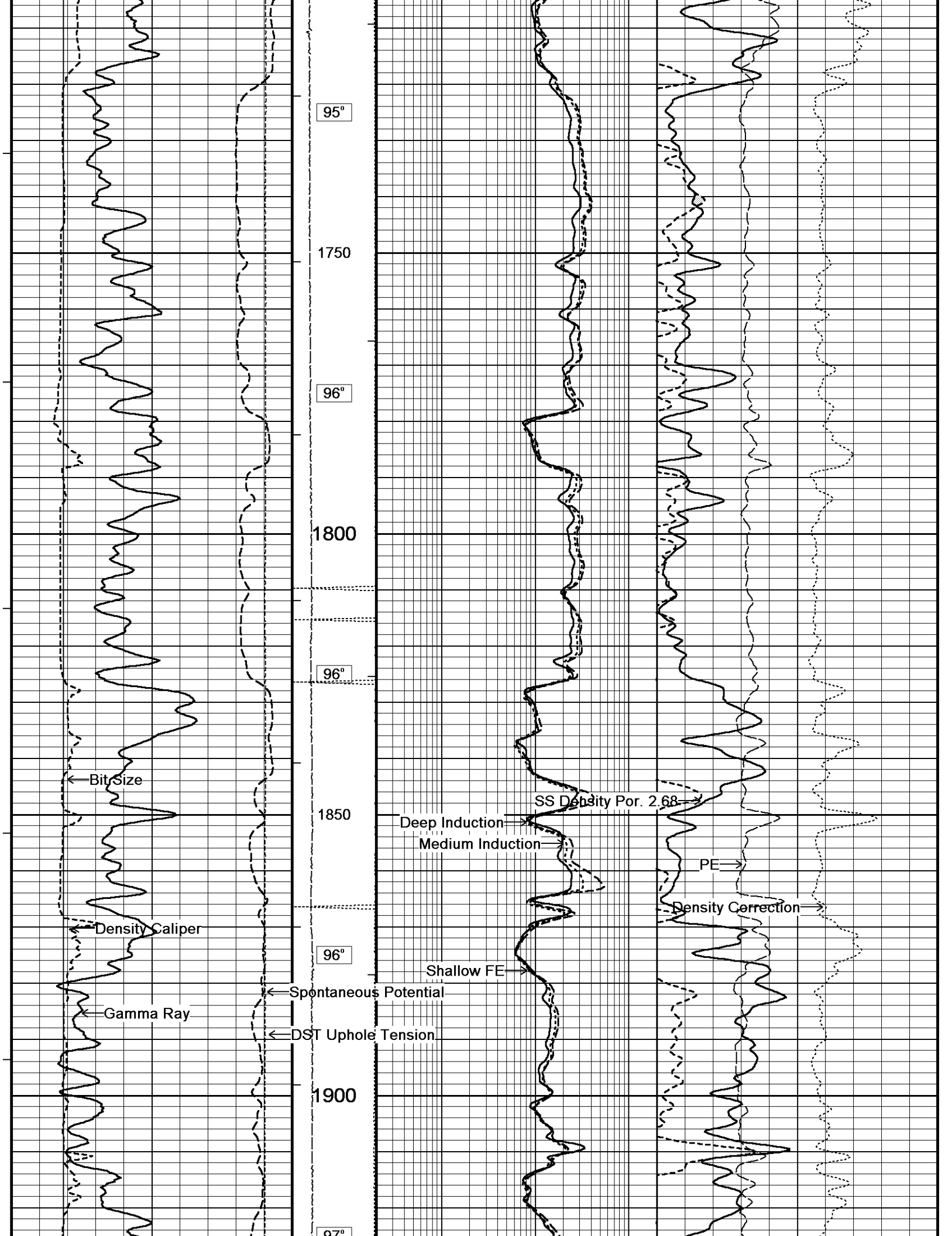
88°

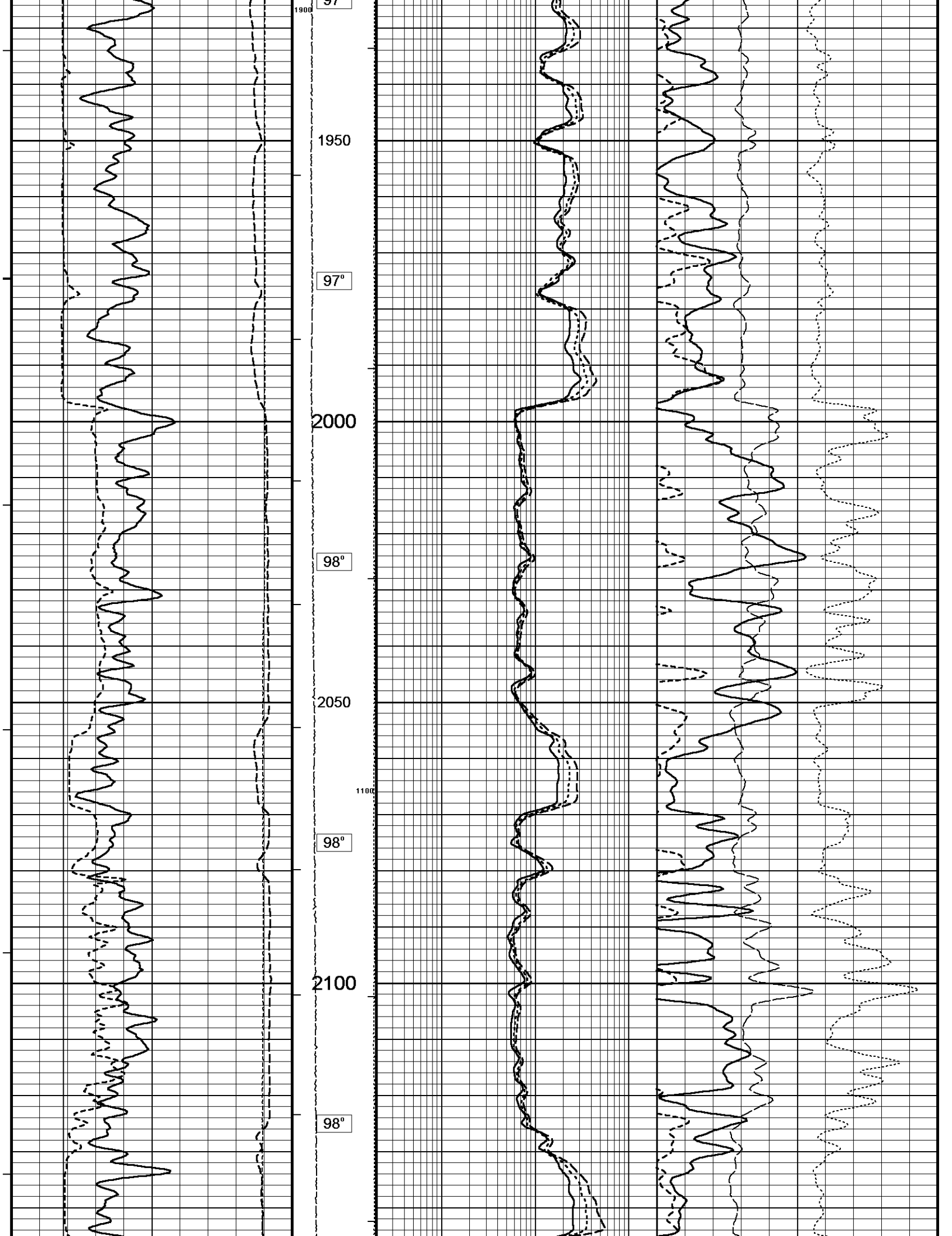

850
89°
900
89°
950
89°
1000
90°

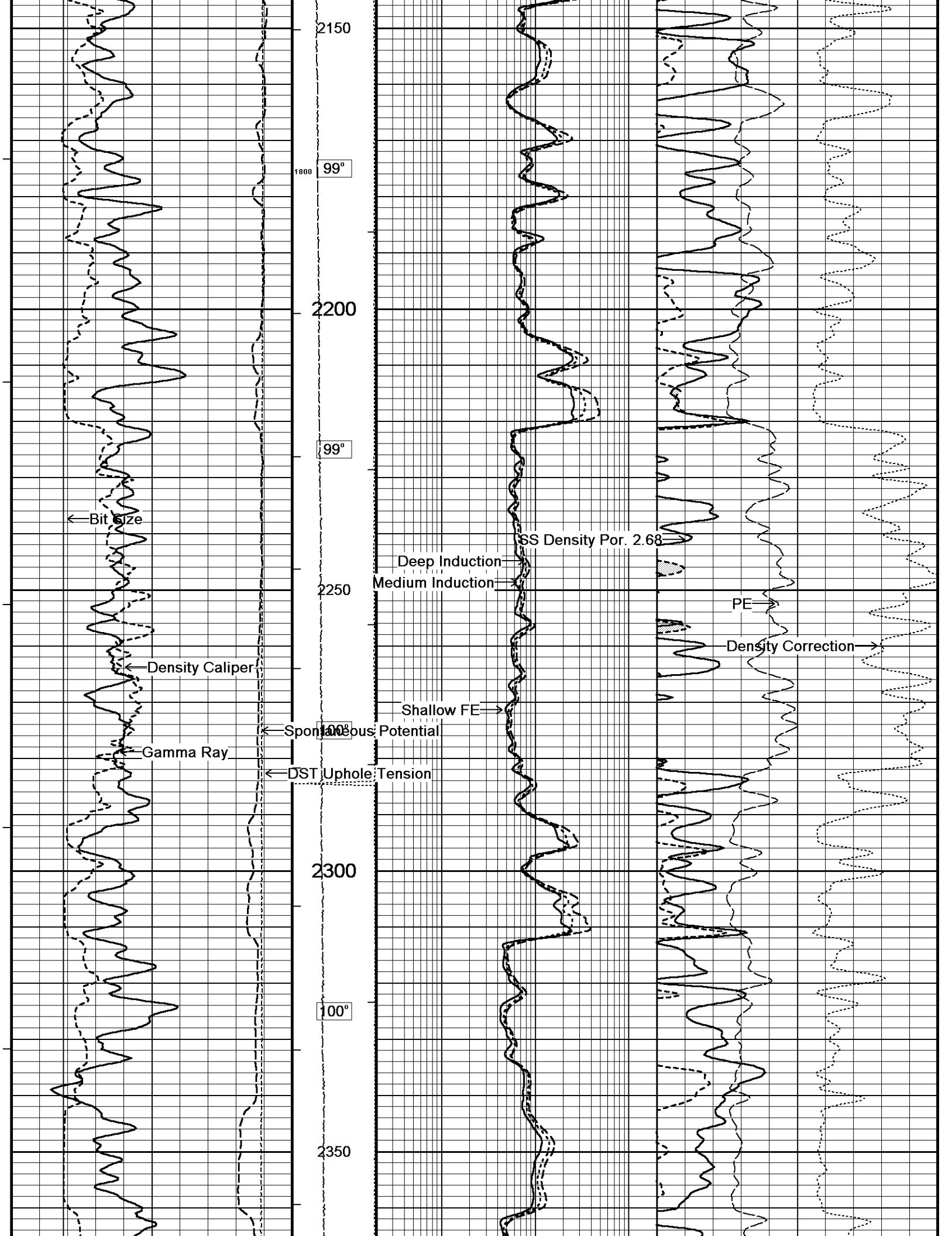

1050
Bit Size
Deep Induction
Medium Induction
PE
91°
1300
Density Caliper
Density Correction
Shallow FE
2300
Spontaneous Potential
Gamma Ray
1100
DST Upnole Tension
91°
1150
91°
1200
92°
1250

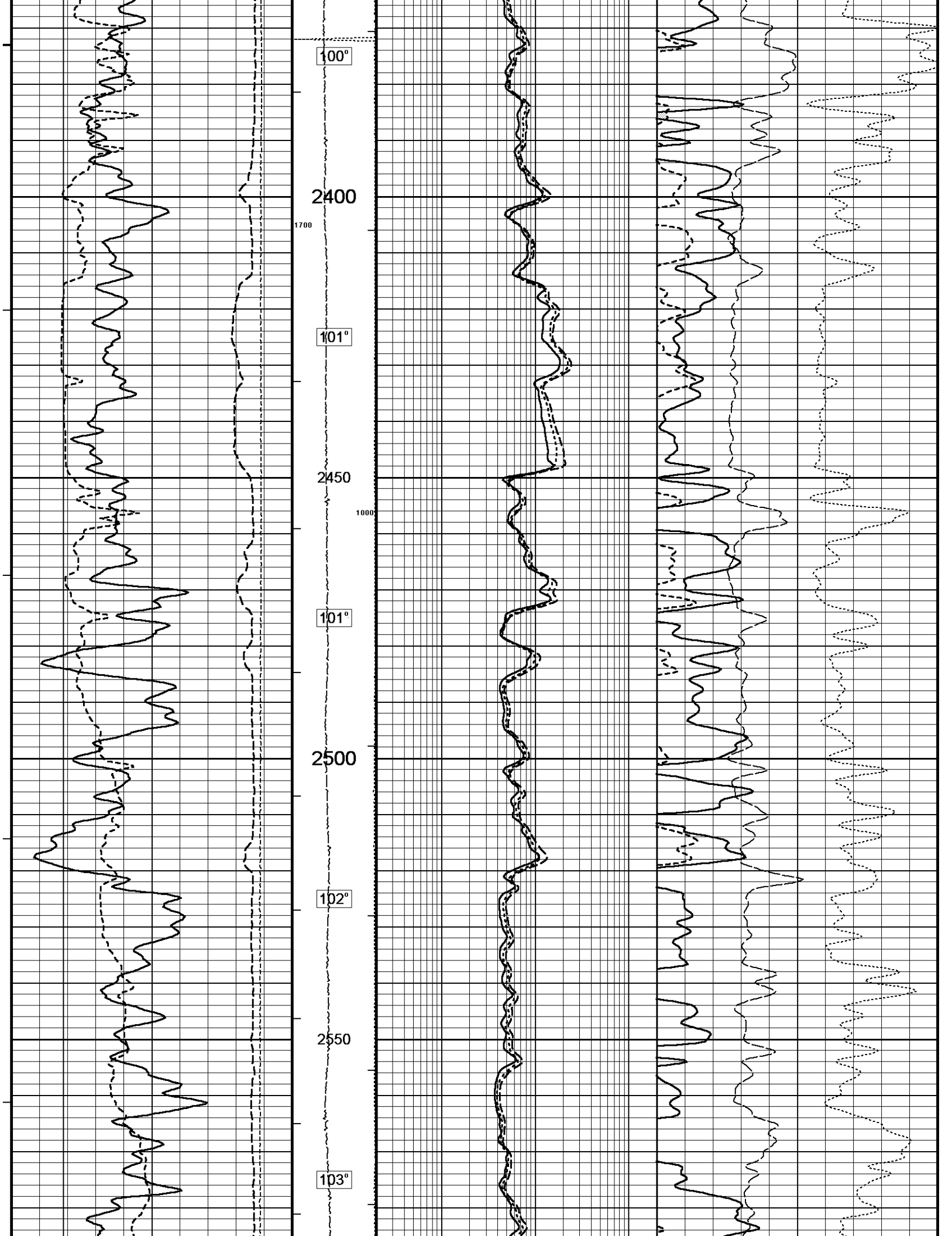

92°
1300
93°
1350
2100
93°
1400
93°
1450
93°
Bit Size
Density Caliper
SS Density Por. 2.68
Deep Induction
Medium Induction
PE
Density Correction
SS Neutron Por.
Shallow FE

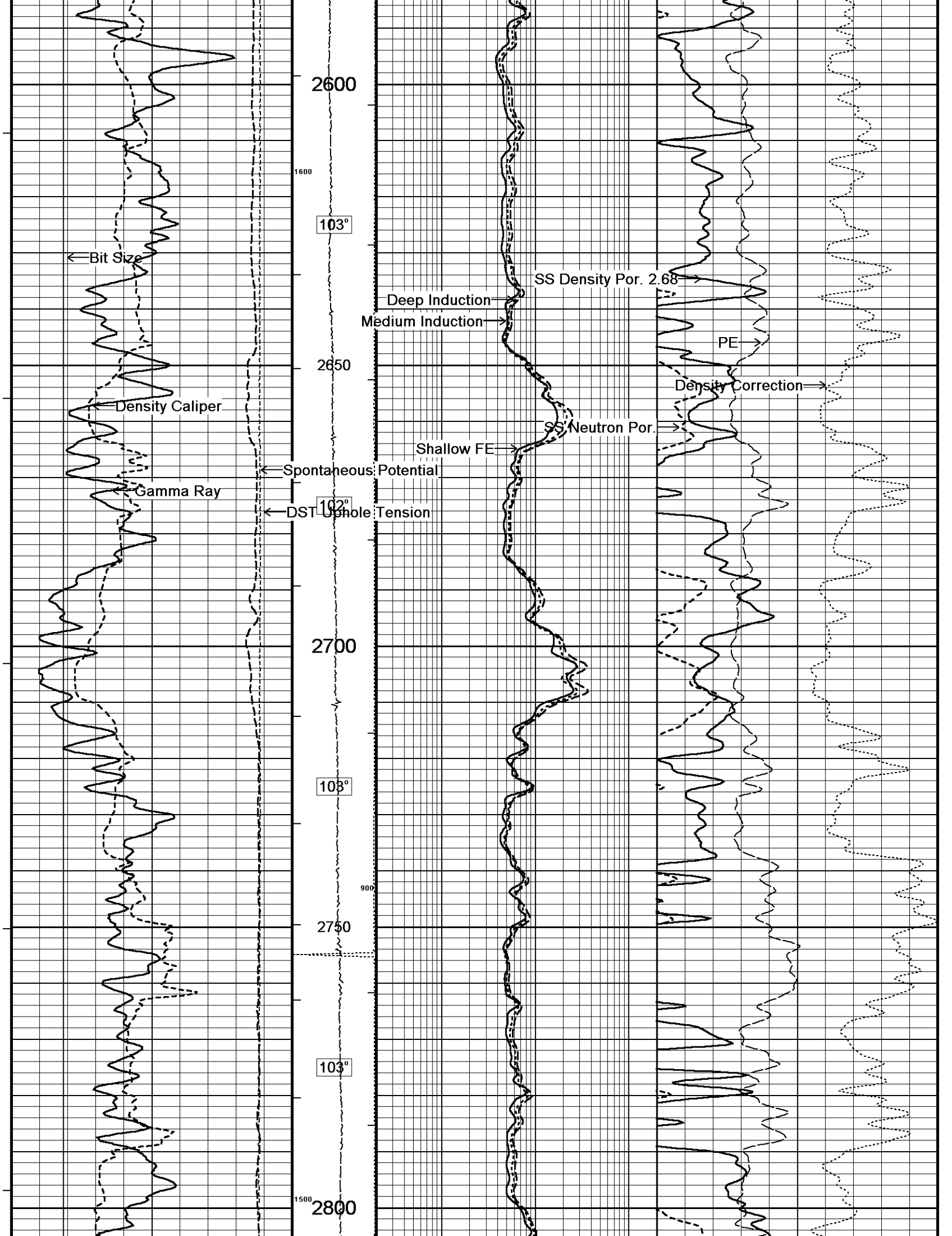

Spontaneous Potential
Gamma Ray
DST Uphole Tension
1500
94°
1200
1550
94°
1600
95°
2000
1650
95°
1700

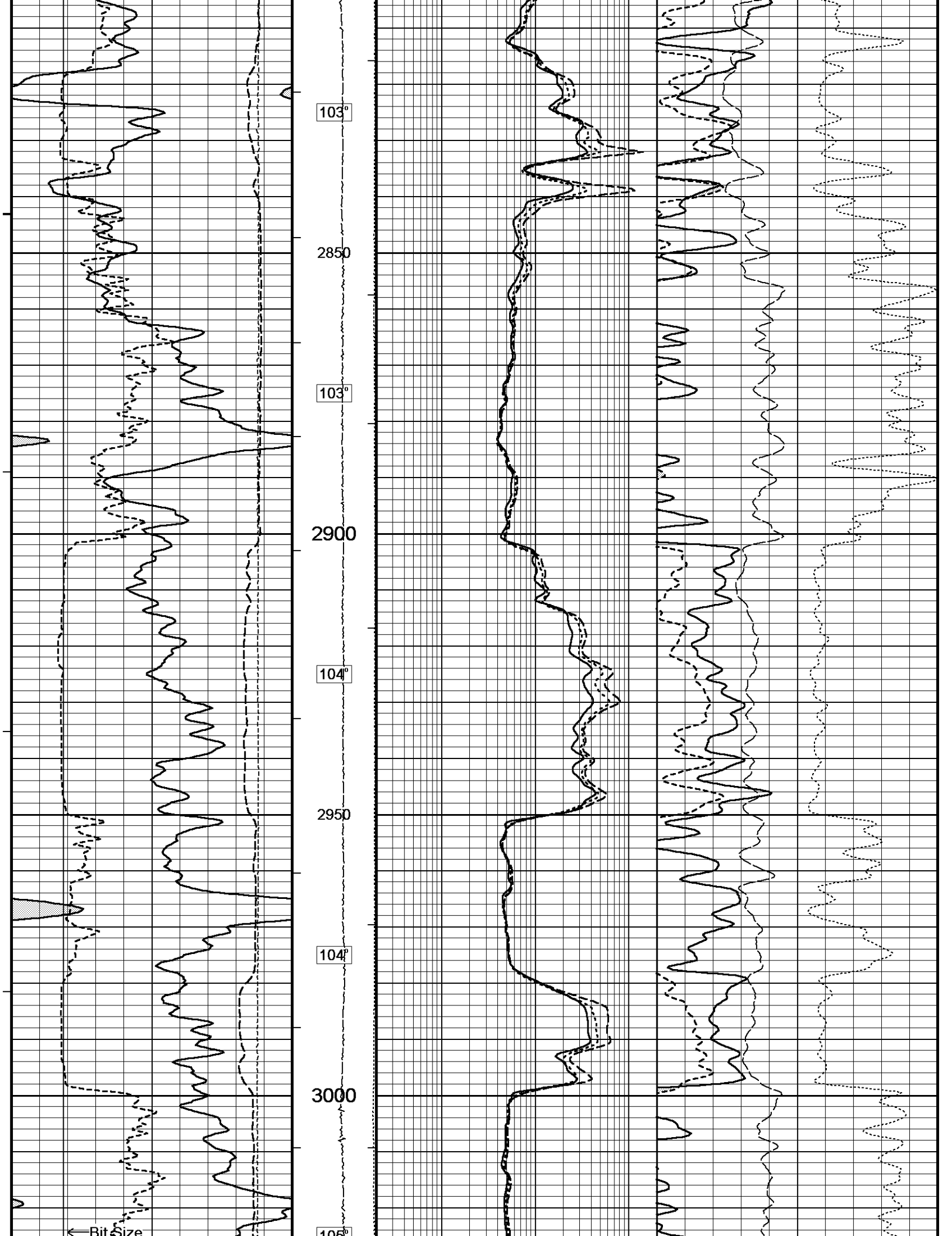

95°
1750
96°
1800
96°
Bit Size
1850
SS Density Por. 2.68
Deep Induction
Medium Induction
PE
Density Correction
Density Caliper
96°
Shallow FE
Spontaneous Potential
Gamma Ray
DST Uphole Tension
1900
97°

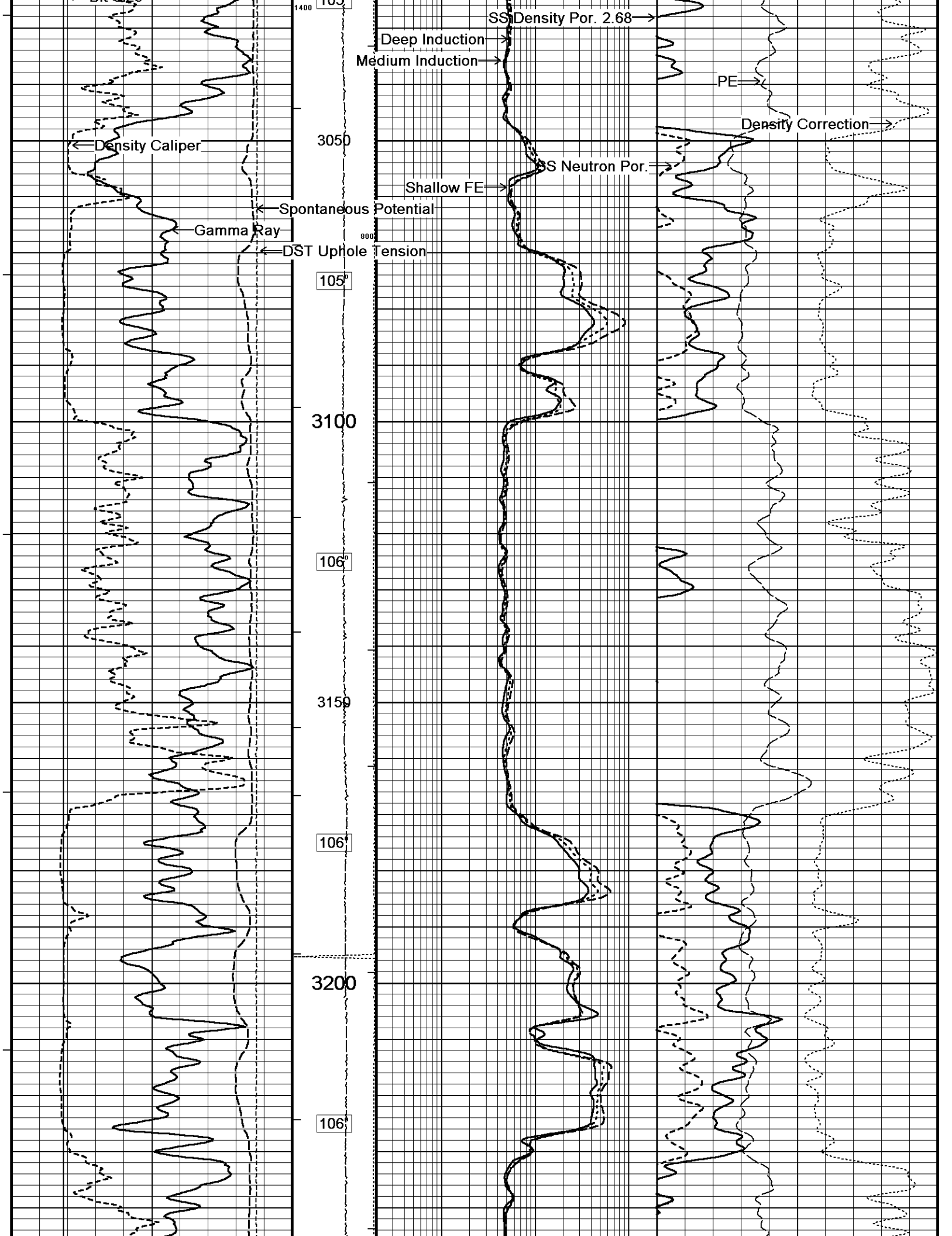

1900
1950
97°
2000
98°
2050
1100
98°
2100
98°

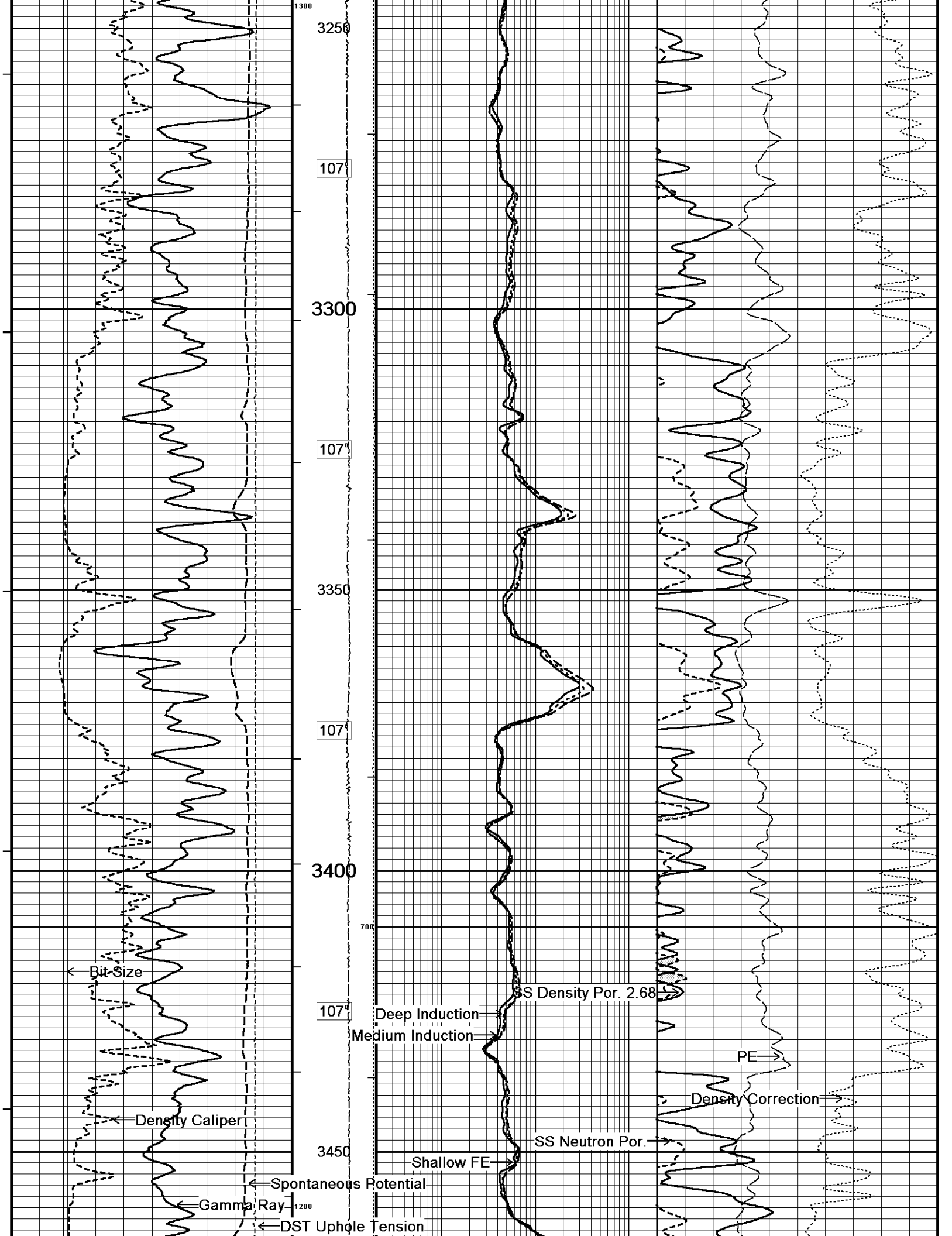

2150
1800
99°
2200
99°
Bit Size
SS Density Por. 2.68
Deep Induction
Medium Induction
2250
PE
Density Correction
Density Caliper
Shallow FE
100°
Spontaneous Potential
Gamma Ray
DST Uphole Tension
2300
100°
2350

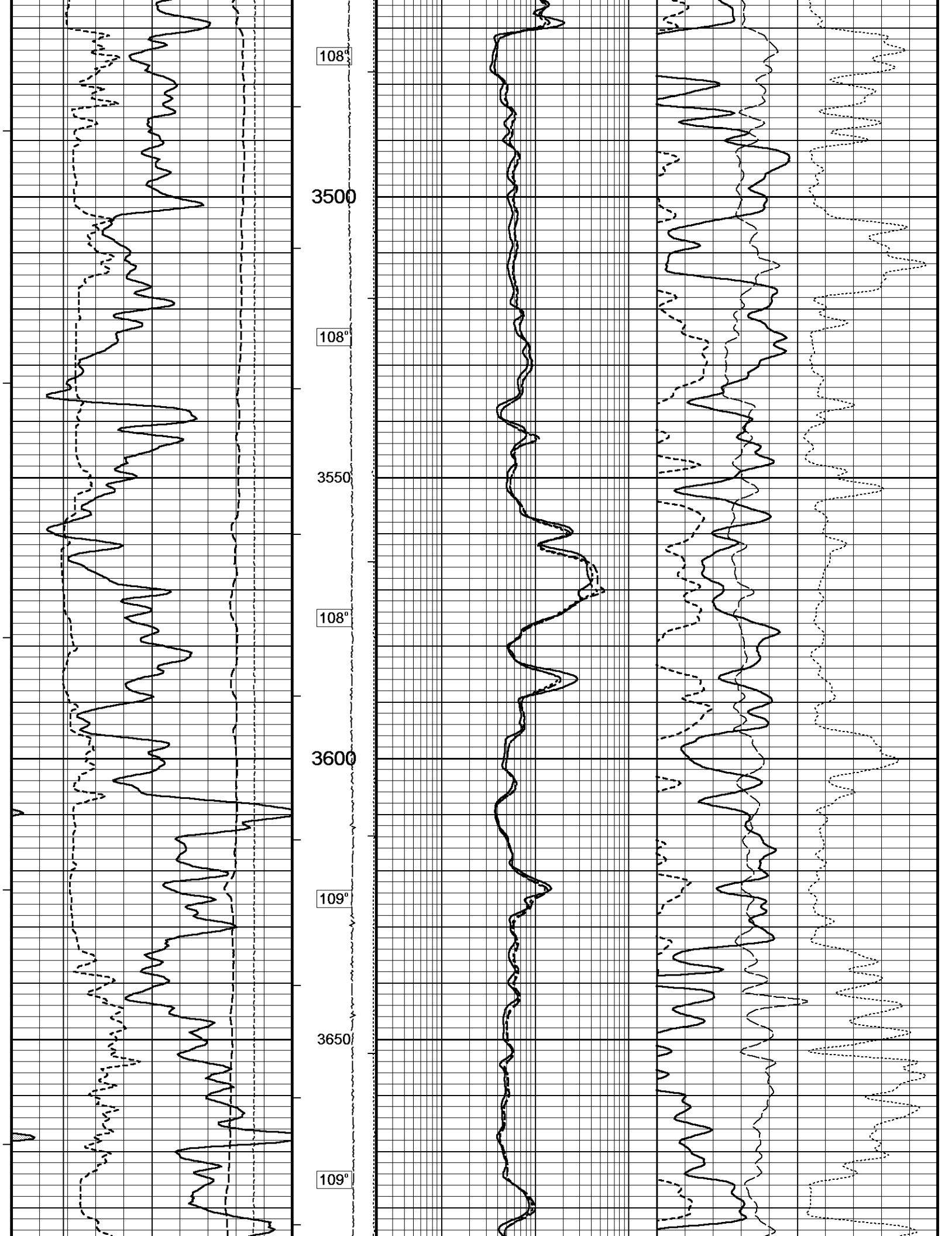

100°
2400
1700
101°
2450
1000
101°
2500
102°
2550
103°

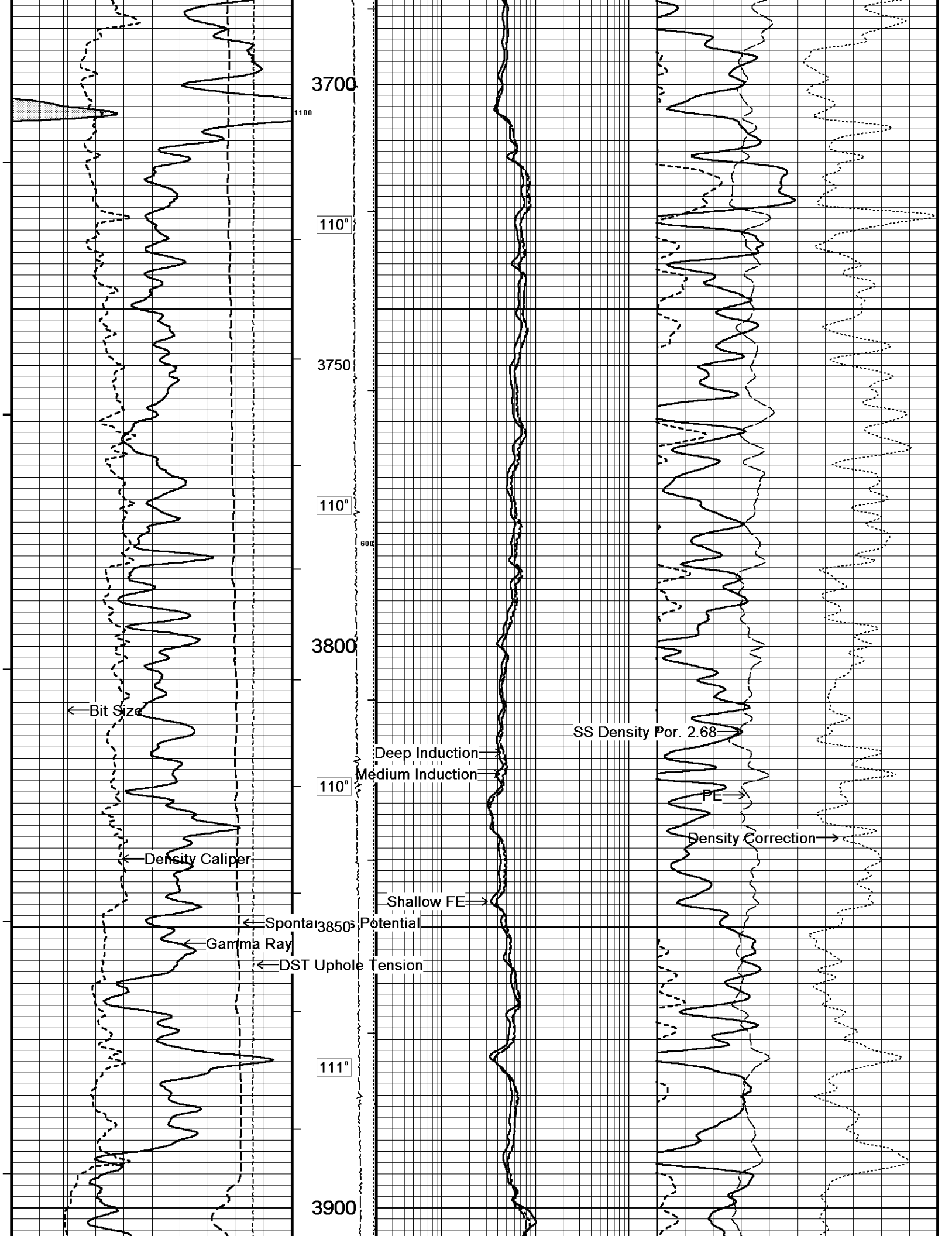

2600
1600
103°
Bit Size
SS Density Por. 2.68
Deep Induction
Medium Induction
PE
2650
Density Correction
Density Caliper
SS Neutron Por.
Shallow FE
Spontaneous Potential
Gamma Ray
102°
DST Uphole Tension
2700
103°
900
2750
103°
1500
2800

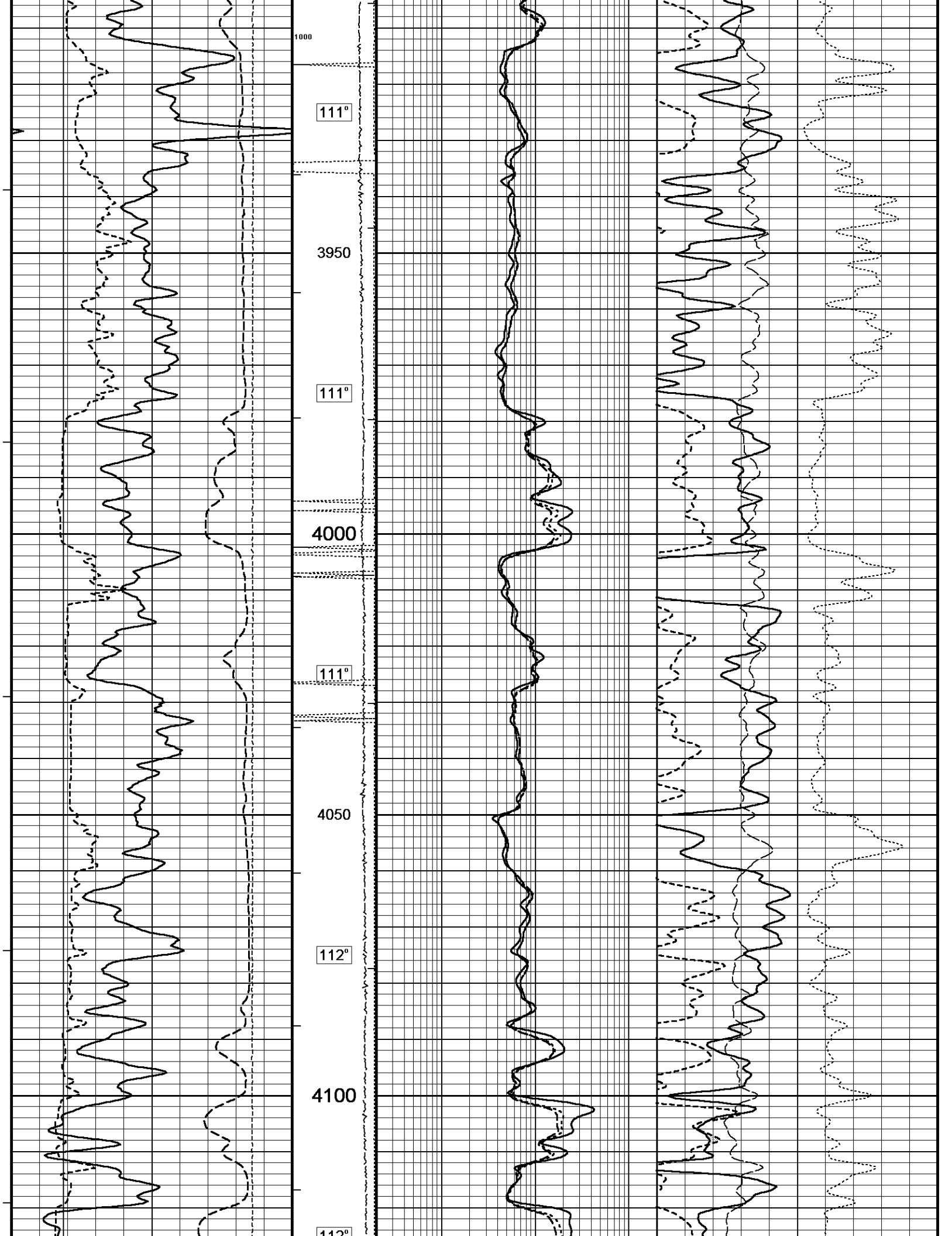

103°
2850
103°
2900
104°
2950
104°
3000
106°
Bit Size

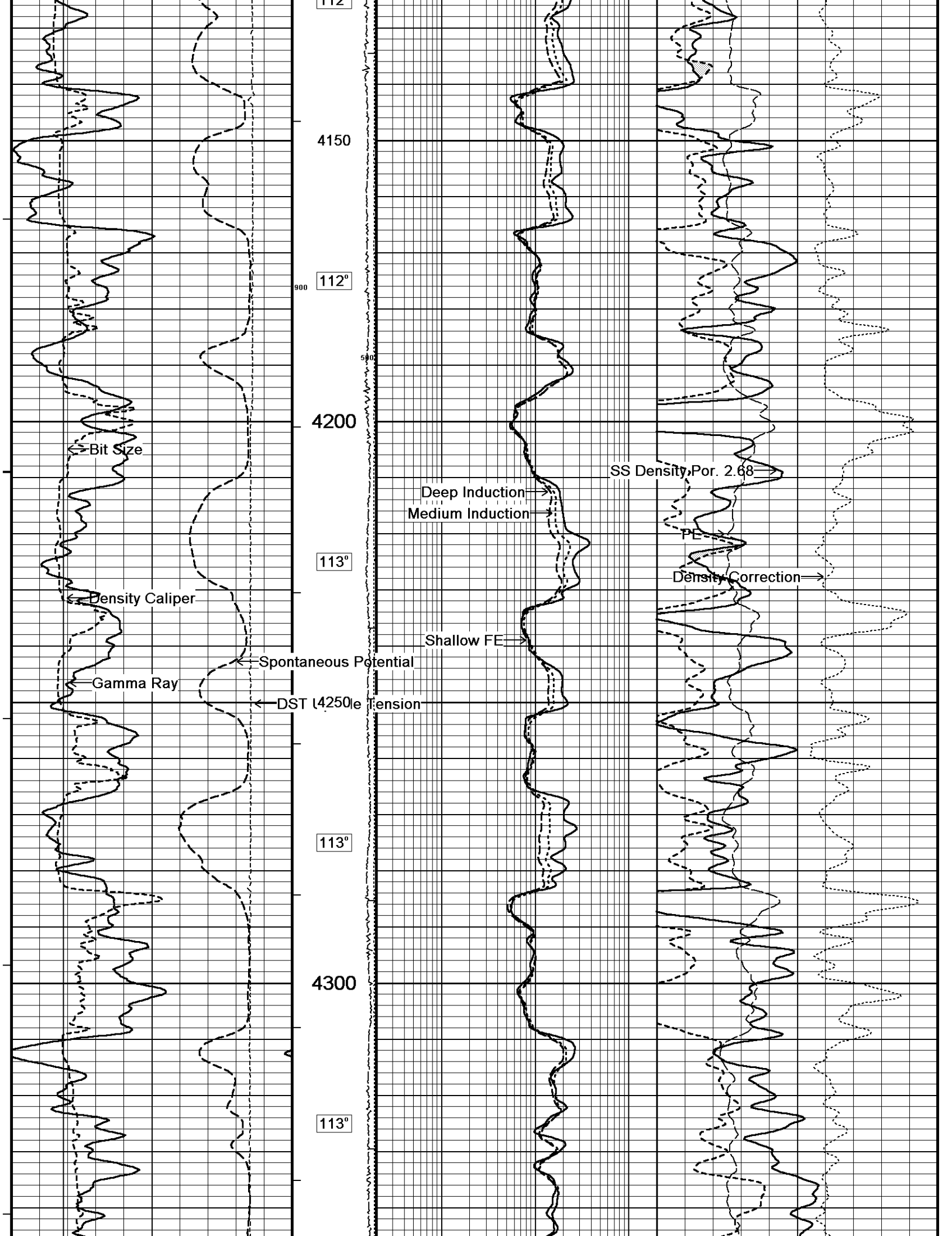

SS Density Por. 2.68
Deep Induction
Medium Induction
PE
Density Correction
Density Caliper
3050
SS Neutron Por.
Shallow FE
Spontaneous Potential
Gamma Ray
DST Uphole Tension
105°
3100
106°
3150
106°
3200
106°

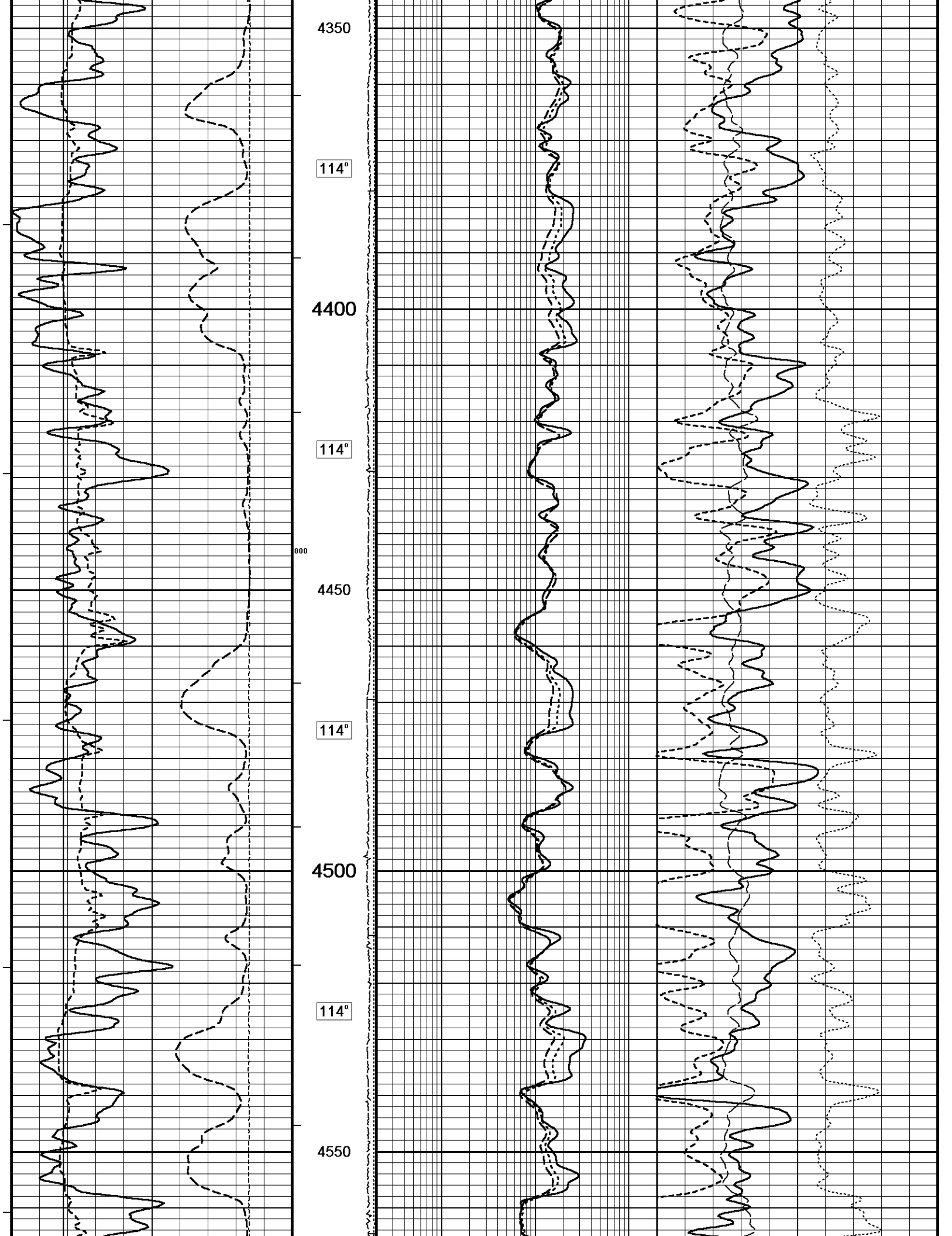

1300
3250
107°
3300
107°
3350
107°
3400
700
107°
3450
1200
Bit Size
Density Caliper
Spontaneous Potential
Gamma Ray
DST Uphole Tension
SS Density Por. 2.68
Deep Induction
Medium Induction
Shallow FE
PE
Density Correction
SS Neutron Por.

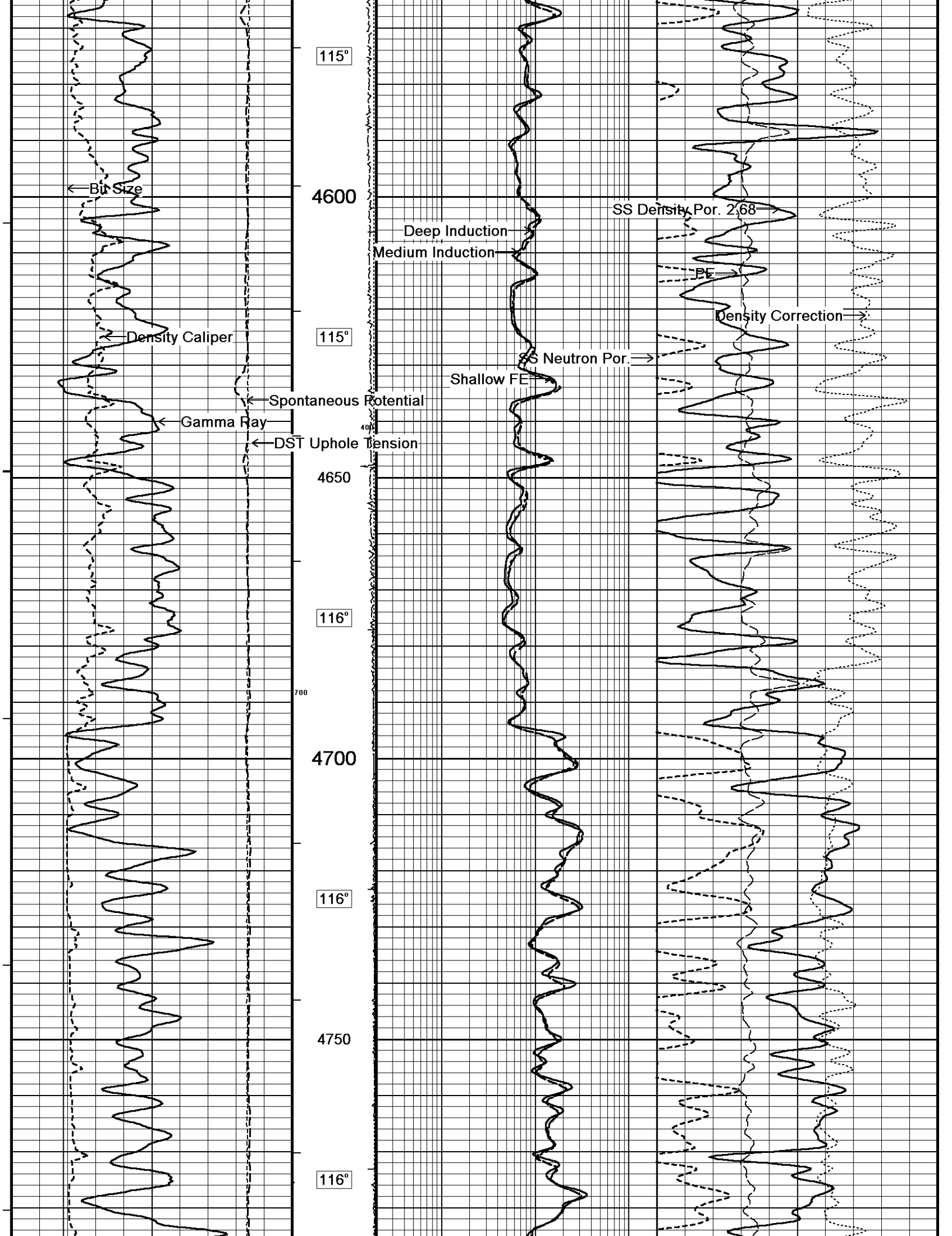

108°
3500
108°
3550
108°
3600
109°
3650
109°

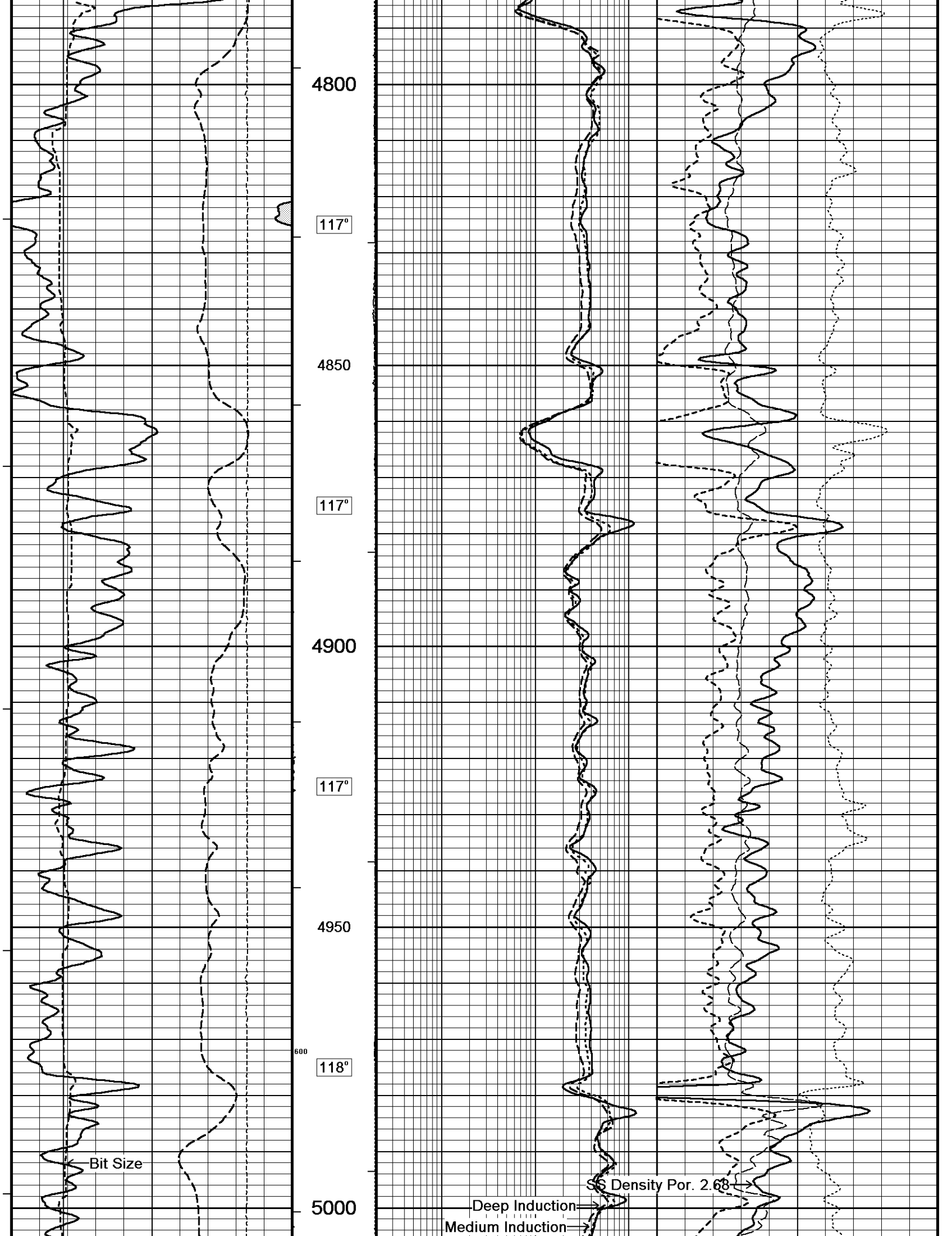

3700
1100
110°
3750
110°
600
3800
Bit Size
Deep Induction
Medium Induction
110°
SS Density Por. 2.68
PE
Density Correction
Density Caliper
Shallow FE
Spontaneous Potential
3850
Gamma Ray
DST Uphole Tension
111°
3900

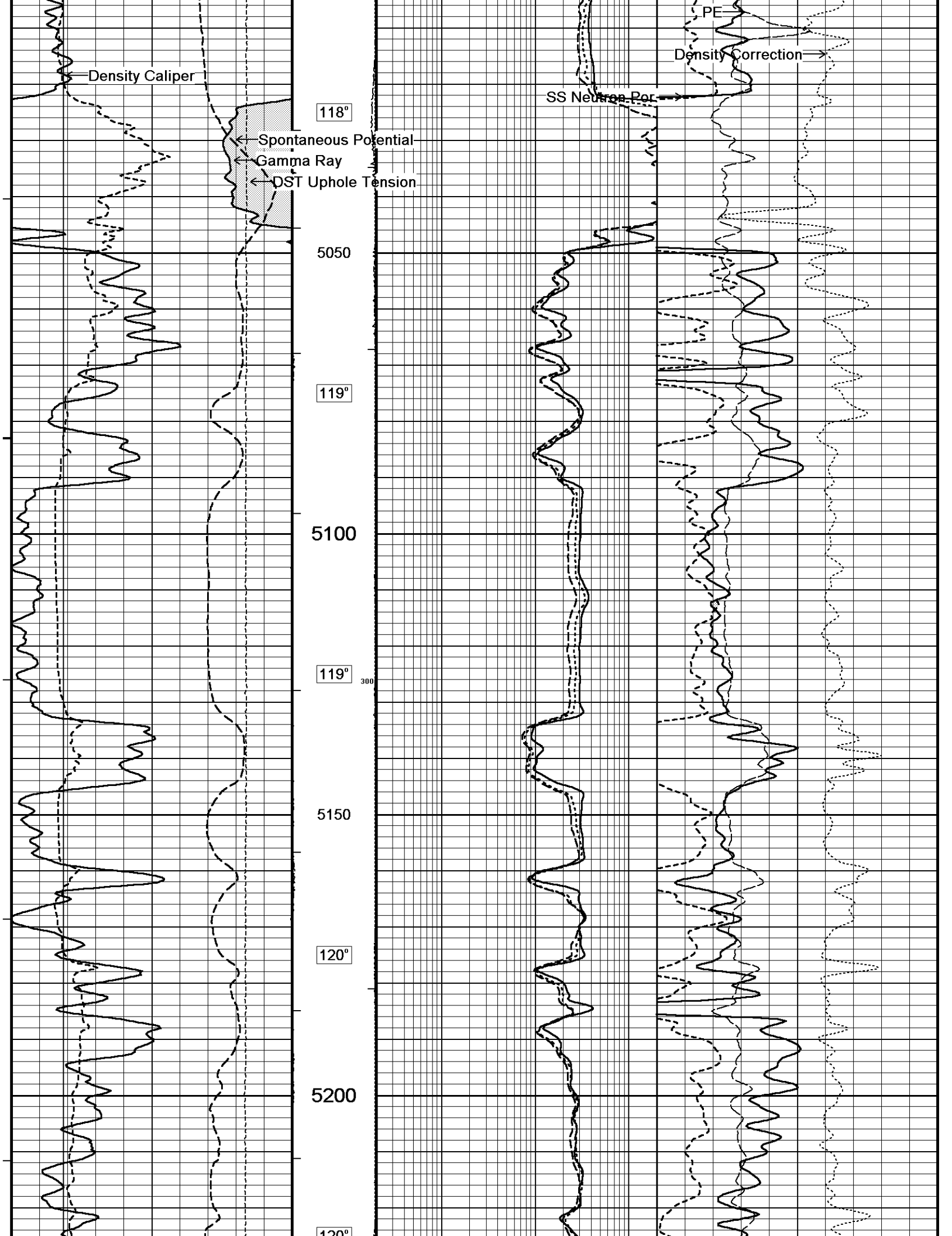

1000
111°
3950
111°
4000
111°
4050
112°
4100
112°

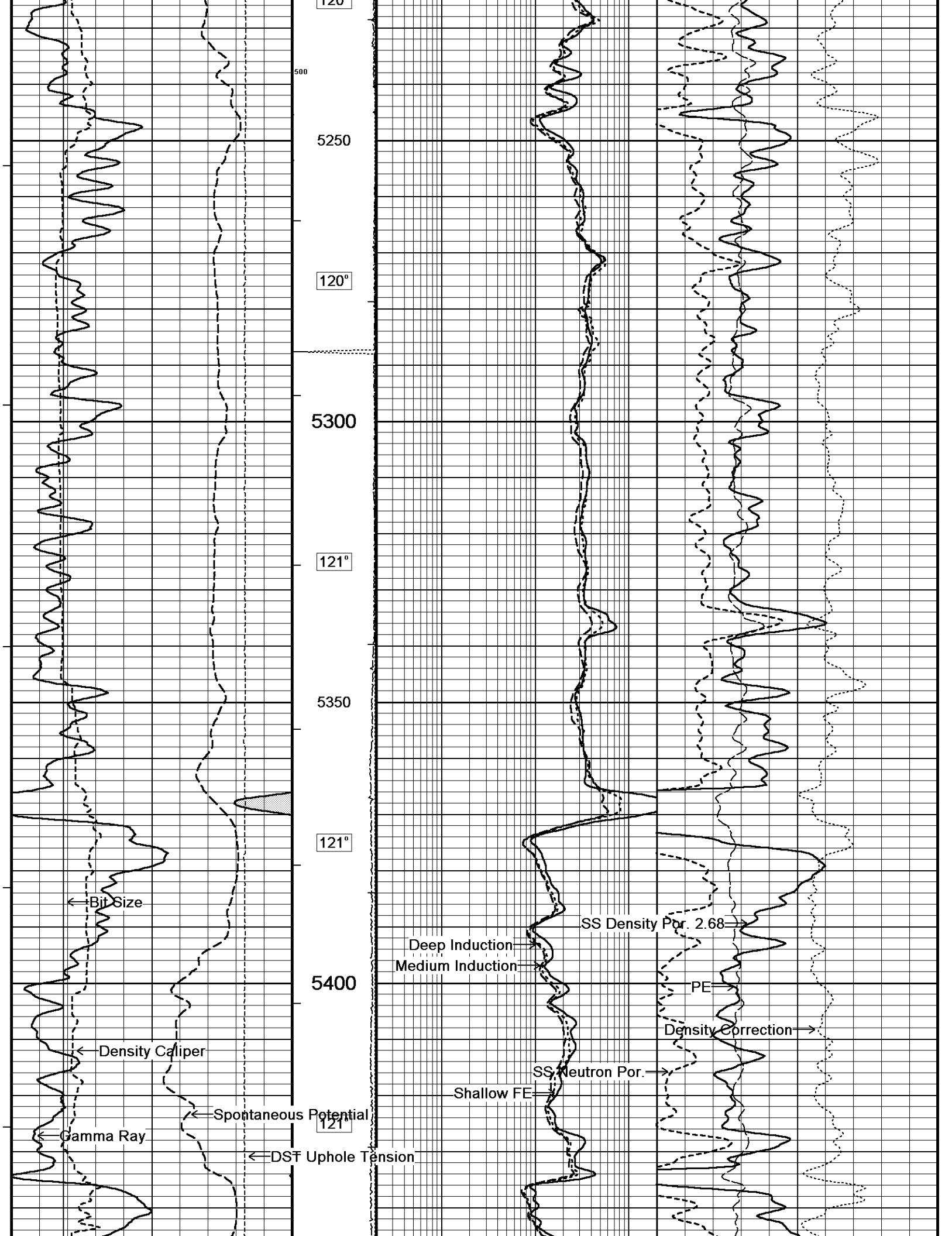

112
4150
112°
900
500
4200
Bit Size
Deep Induction
Medium Induction
SS Density Por. 2.68
PE
113°
Density Caliper
Density Correction
Shallow FE
Spontaneous Potential
Gamma Ray
DST (4250)e Tension
113°
4300
113°

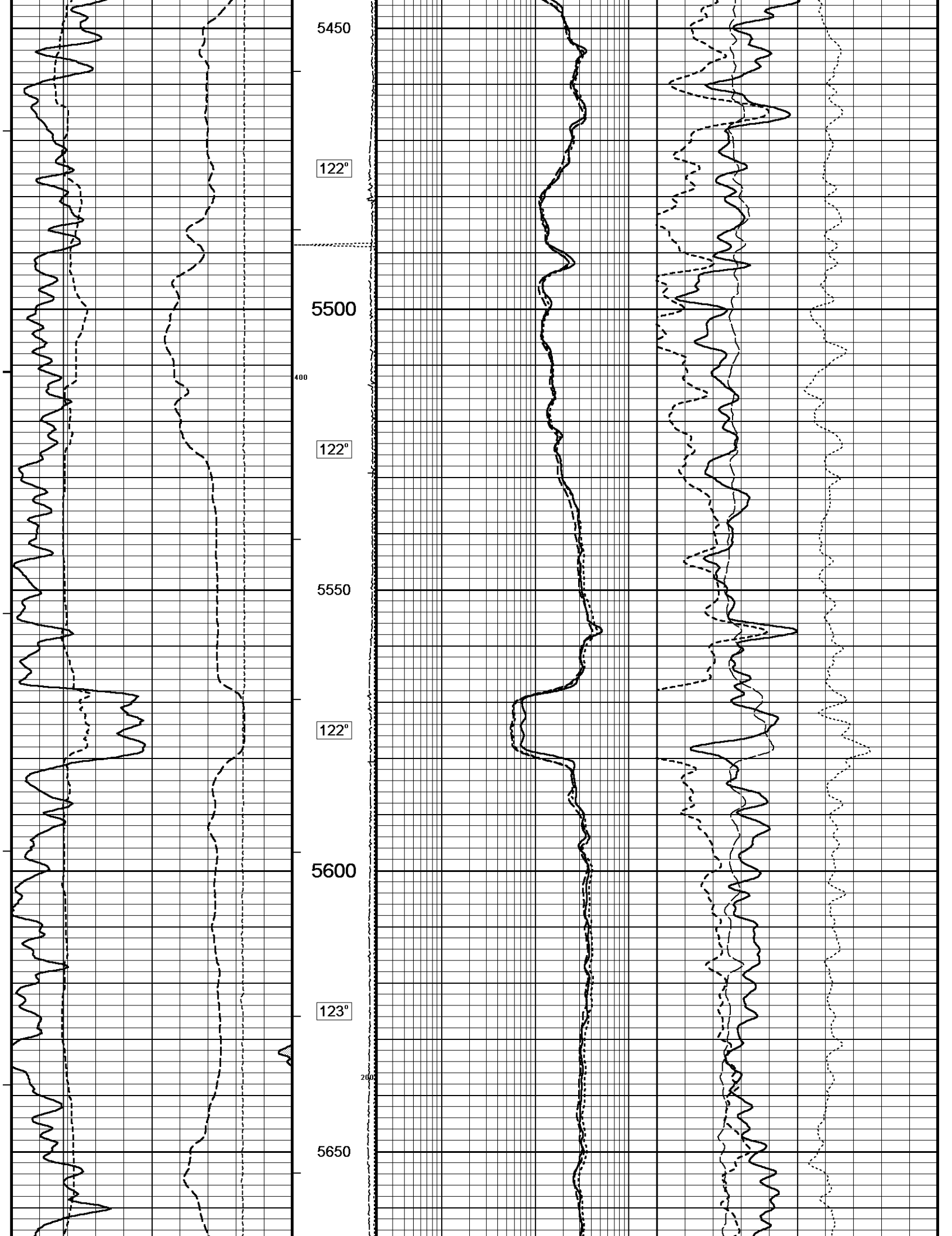

4350
114°
4400
114°
800
4450
114°
4500
114°
4550

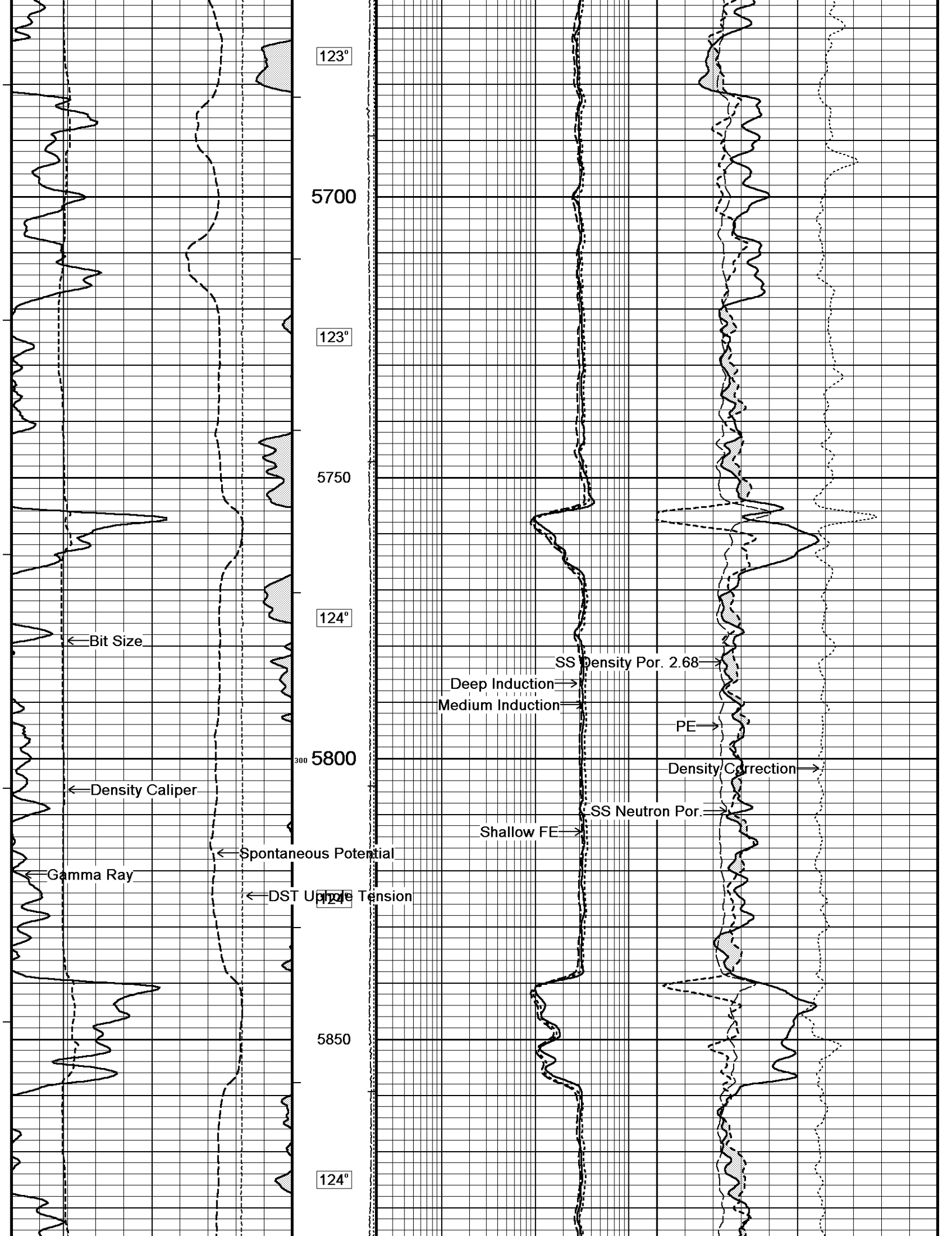

115°
Bit Size
4600
SS Density Por. 2.68
Deep Induction
Medium Induction
PE
Density Correction
115°
Density Caliper
SS Neutron Por.
Shallow FE
Spontaneous Potential
Gamma Ray
DST Uphole Tension
4650
116°
4700
116°
4750
116°

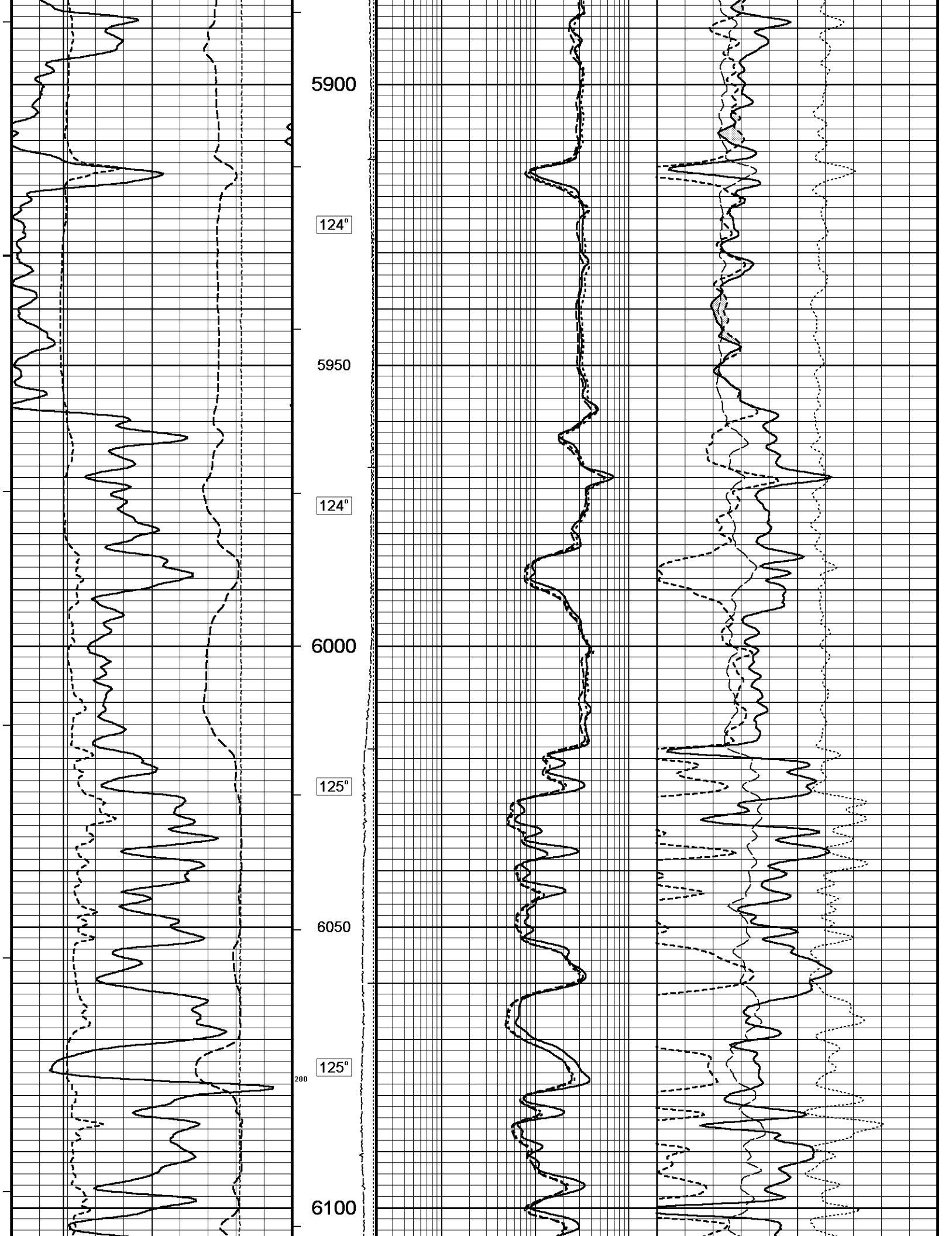

4800
117°
4850
117°
4900
117°
4950
600
118°
5000
Bit Size
SS Density Por. 2.68
Deep Induction
Medium Induction

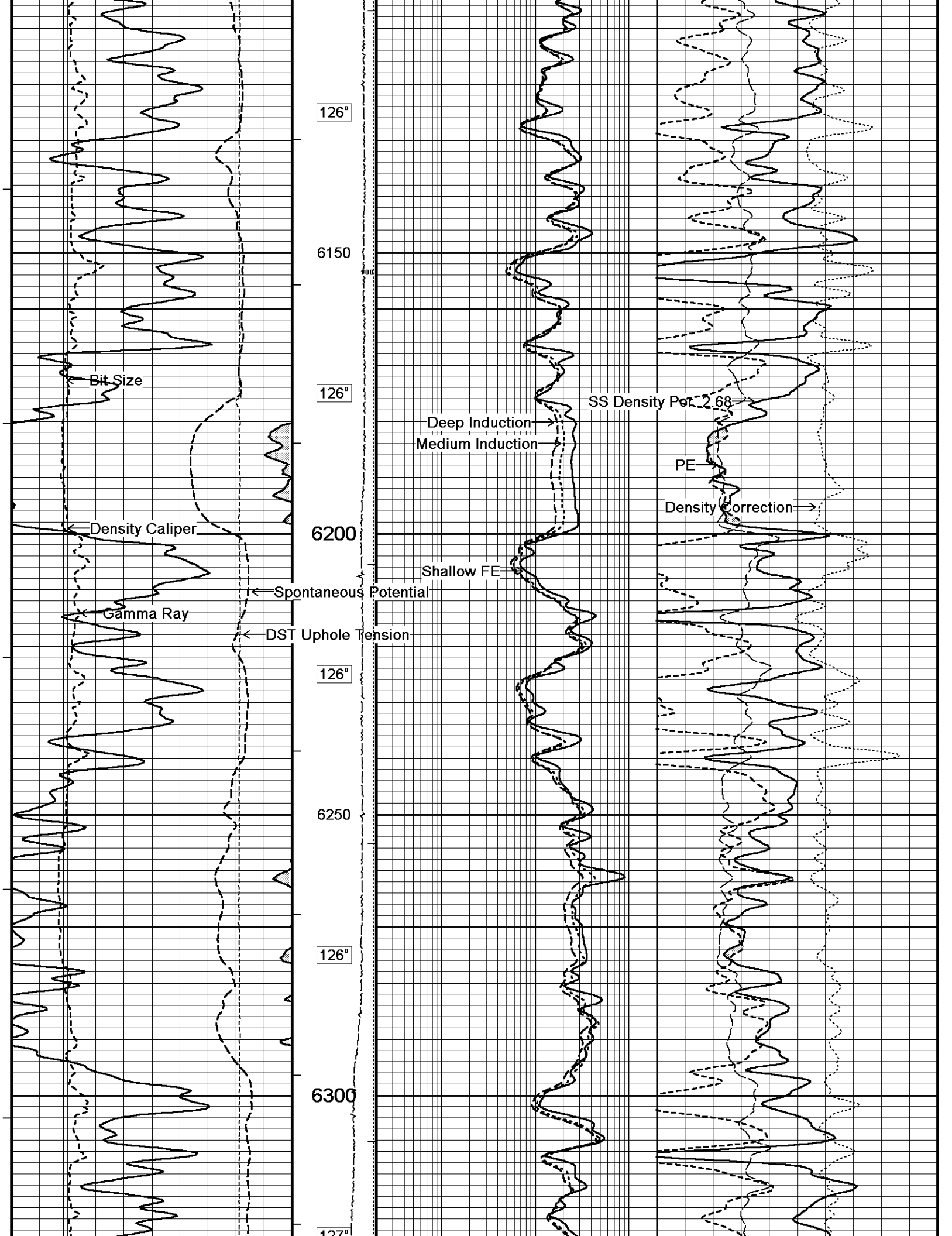

Density Caliper
118°
Spontaneous Potential
Gamma Ray
DST Uphole Tension
5050
119°
5100
119°
300
5150
120°
5200
120°
PE
Density Correction
SS Neutron Por

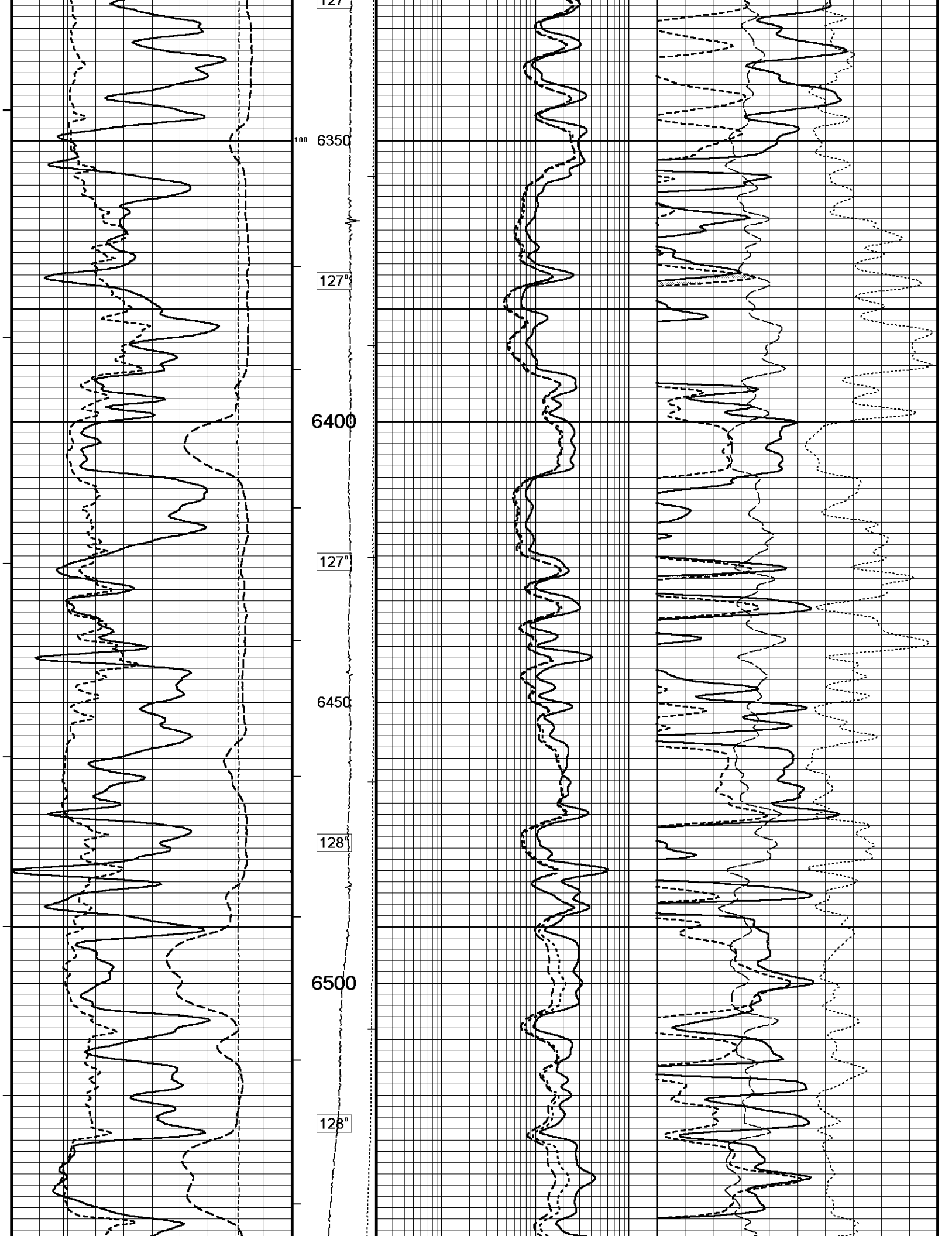

120
500
5250
120°
5300
121°
5350
121°
Bit Size
Density Caliper
Gamma Ray
Spontaneous Potential
DST Uphole Tension
5400
121°
Deep Induction
Medium Induction
Shallow FE
SS Density Por. 2.68
PE
Density Correction
SS Neutron Por.

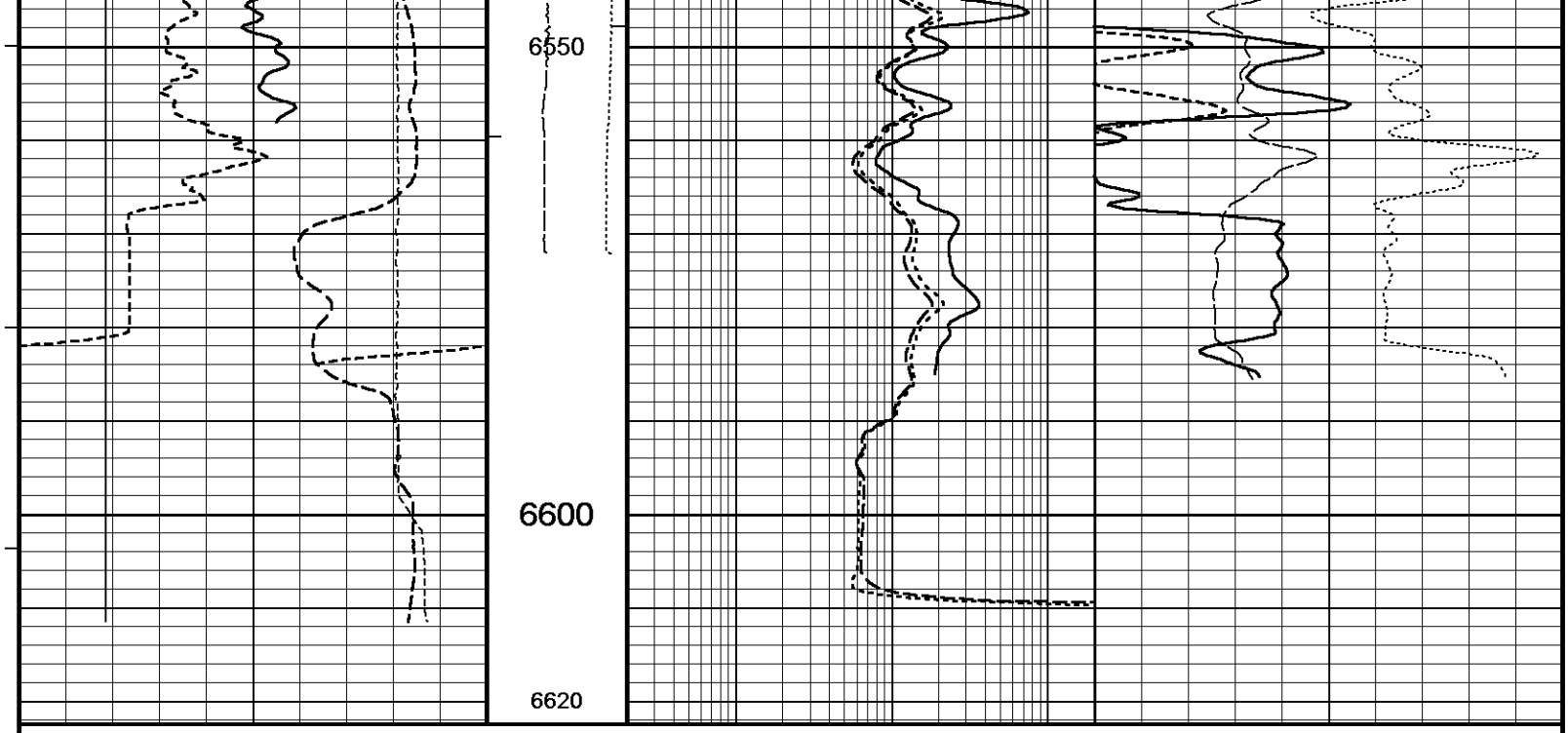

5450
122°
5500
400
122°
5550
122°
5600
123°
200
5650


123°
5700
123°
5750
124°
Bit Size
SS Density Por. 2.68
Deep Induction
Medium Induction
PE
300
5800
Density Correction
Density Caliper
SS Neutron Por.
Shallow FE
Spontaneous Potential
Gamma Ray
DST Upper Tension
124°
5850
124°


5900
124°
5950
124°
6000
125°
6050
125°
200
6100


126°
6150
Bit Size
126°
SS Density Por 2.68
Deep Induction
Medium Induction
PE
Density Correction
Density Caliper
6200
Shallow FE
Spontaneous Potential
Gamma Ray
DST Uphole Tension
126°
6250
126°
6300
127°


127
100
6350
127°
6400
127°
6450
128°
6500
128°



Depth Based Data - Maximum Sampling Increment 10.0cm
Filename: C:\DOCUME~1\footedk\LOCALS~1\Temp\Weatherford PreView\0\jdf11_35.dta
System Versions: Logged with 8.00.0052 Plotted with 8.01.0085

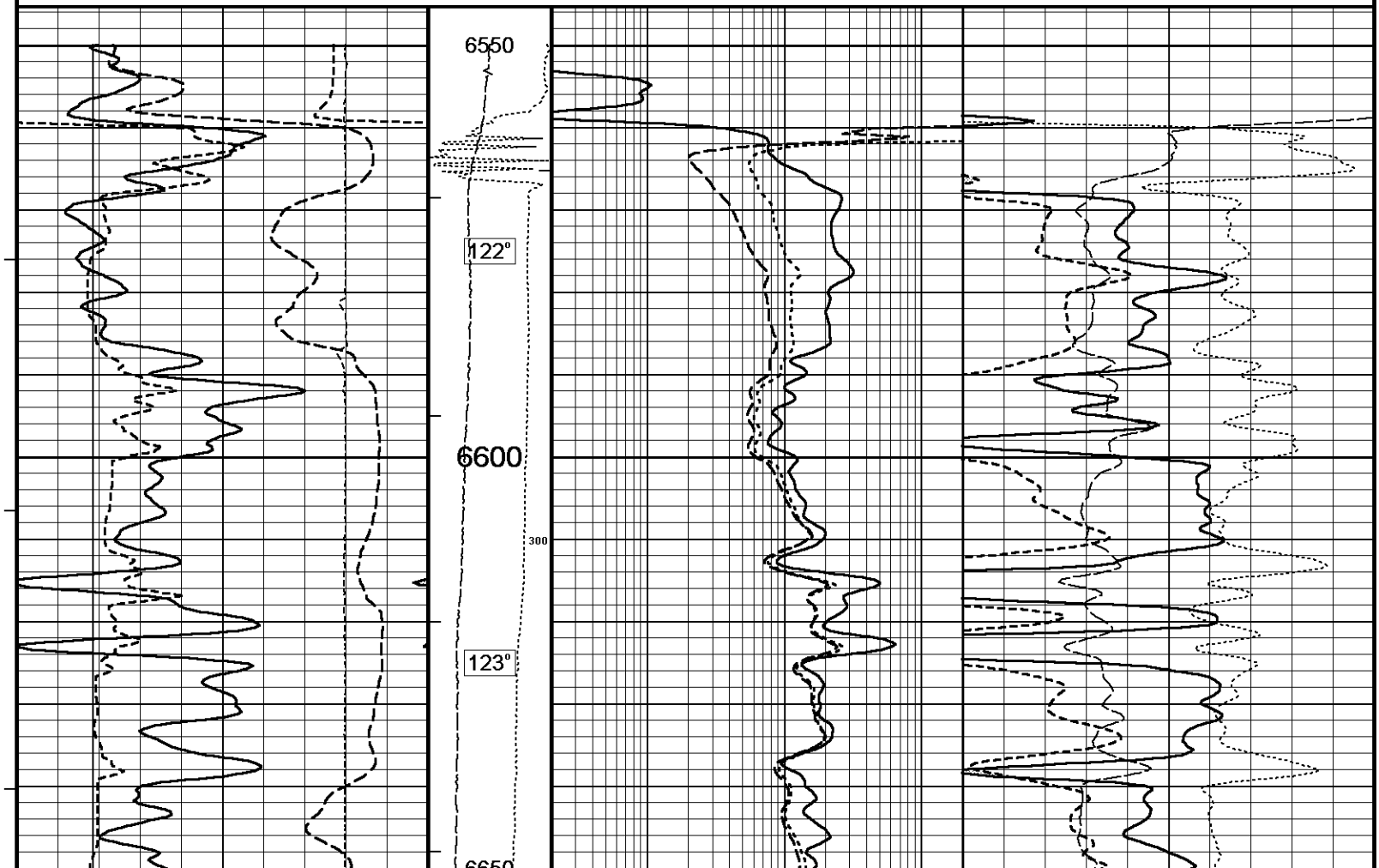
Plotted on 17-OCT-2007 03:21
Recorded on 15-OCT-2007 22:18

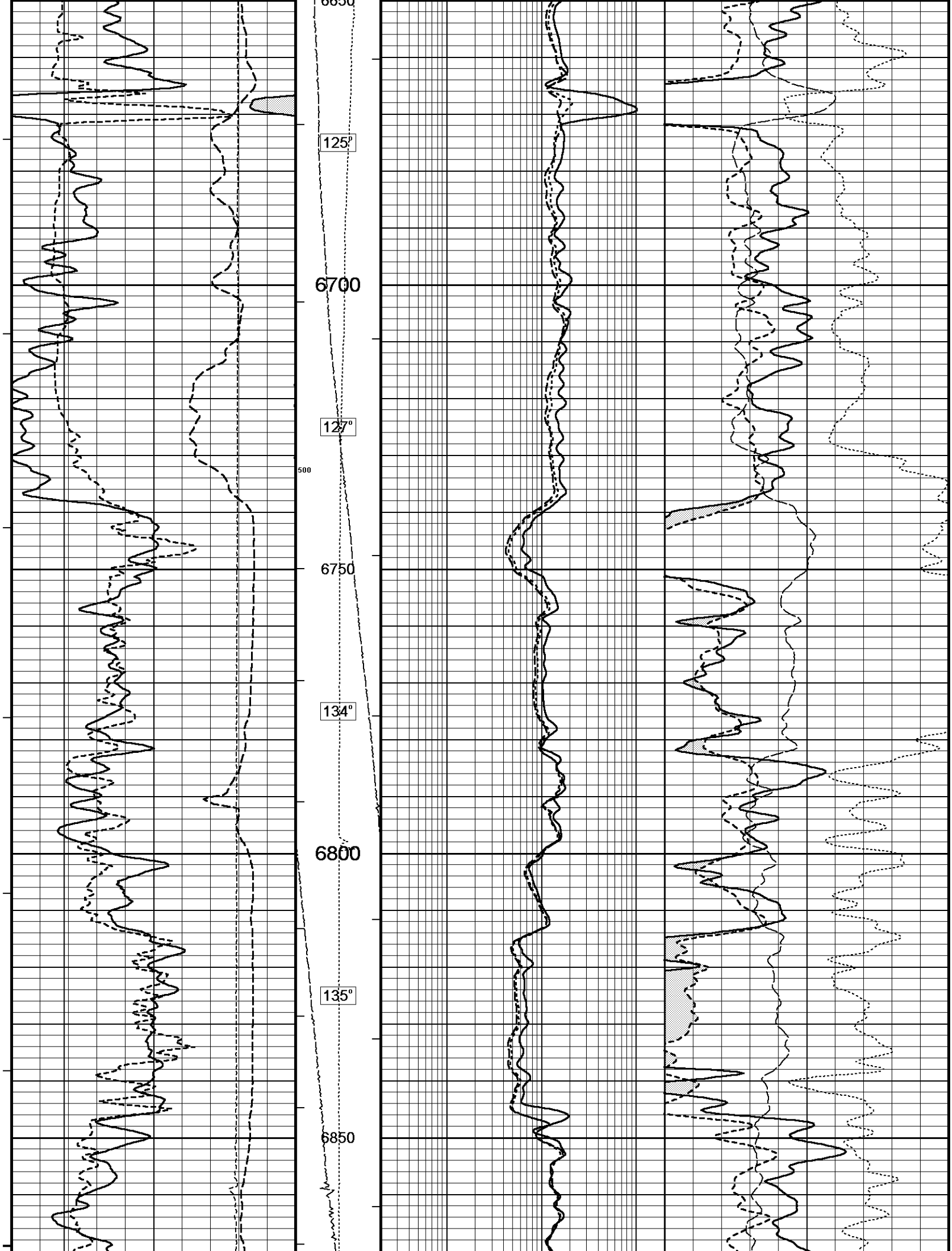
5 INCH MAIN LOG TOP

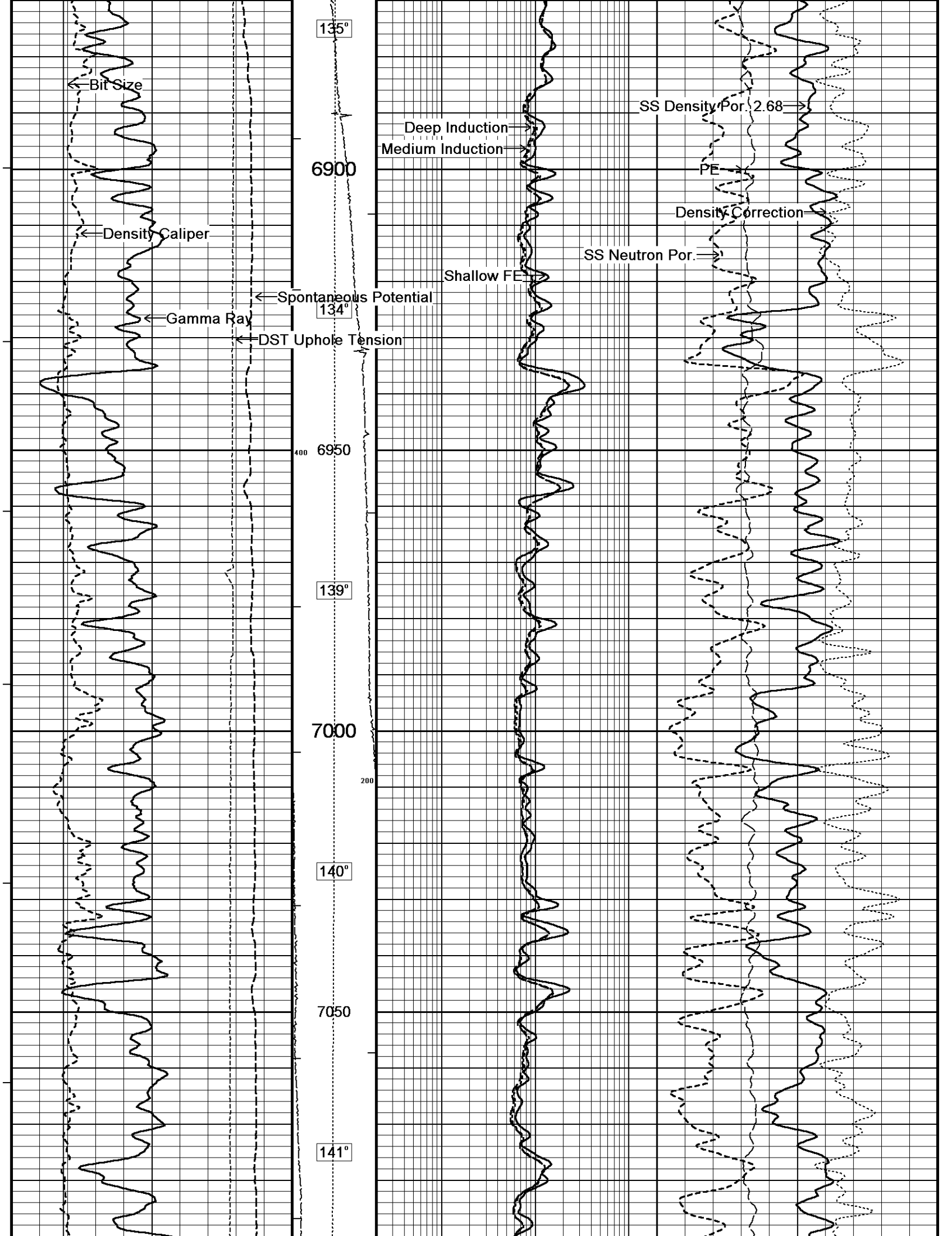
5 INCH MAIN LOG BOTTOM

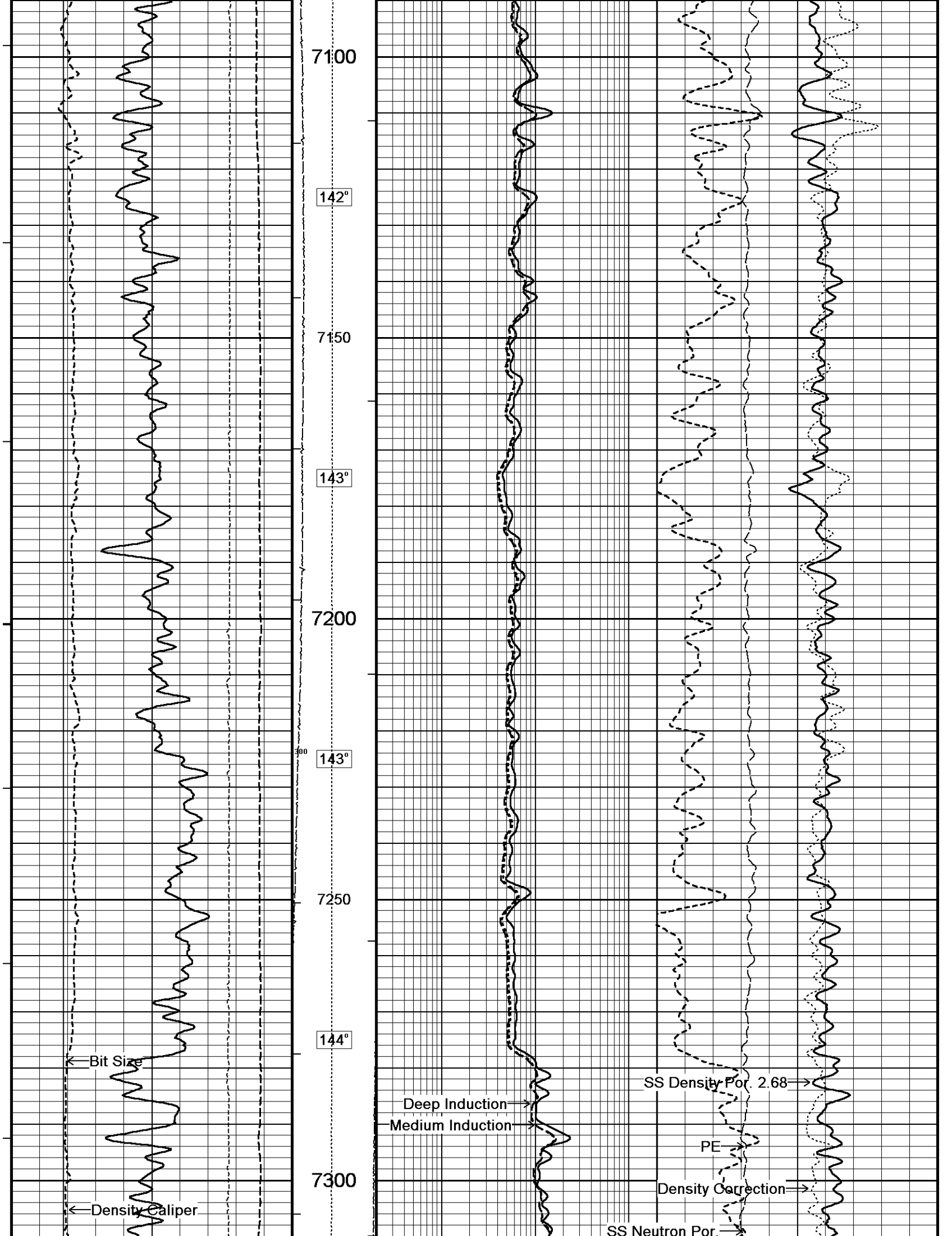
Depth Based Data - Maximum Sampling Increment 10.0cm
Filename: C:\DOCUME~1\footedk\LOCALS~1\Temp\Weatherford PreView\0\ms1.dta
System Versions: Logged with 8.00.0052 Plotted with 8.01.0085

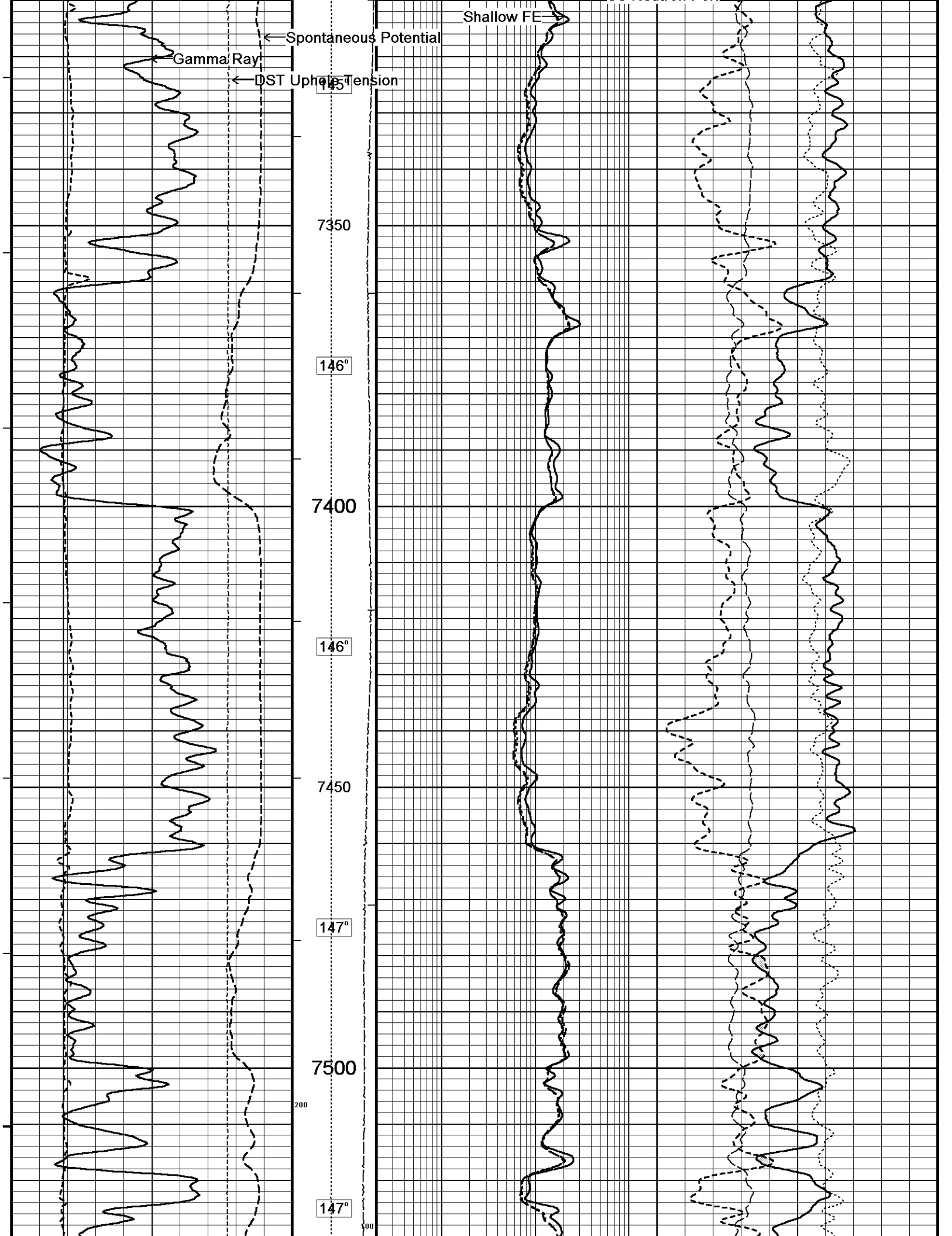
Plotted on 17-OCT-2007 03:21
Recorded on 16-OCT-2007 08:58

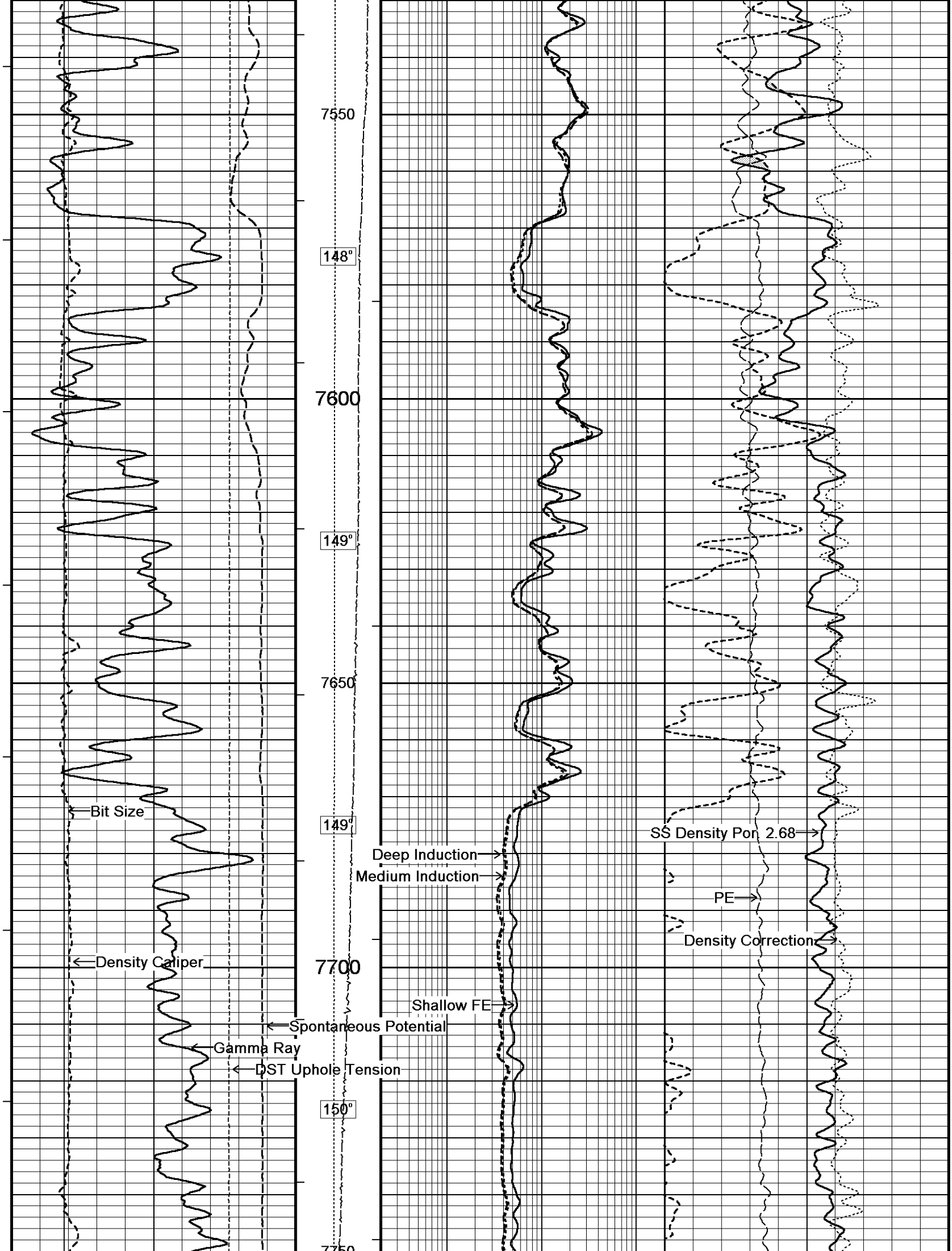


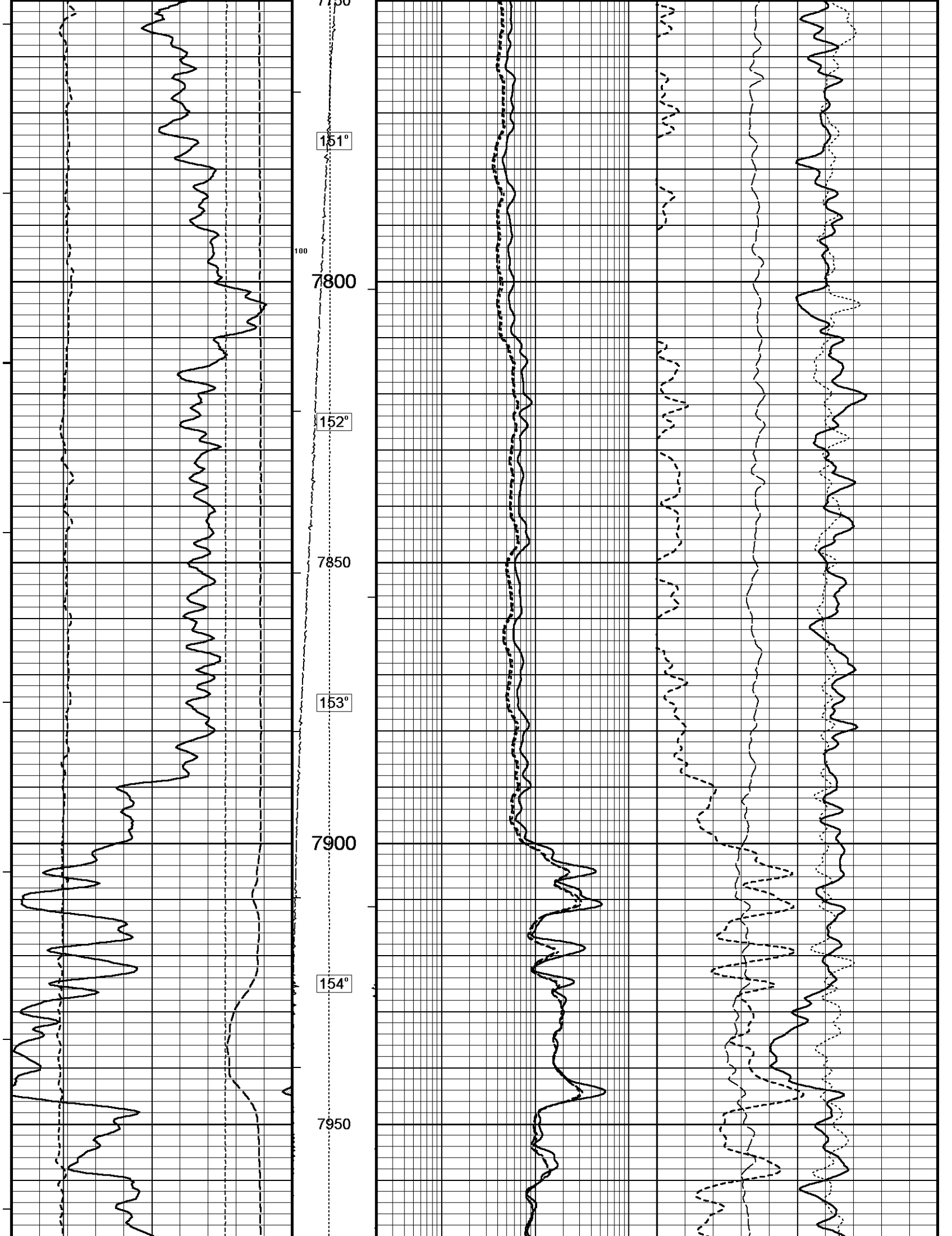

6650
125°
6700
127°
500
6750
134°
6800
135°
6850

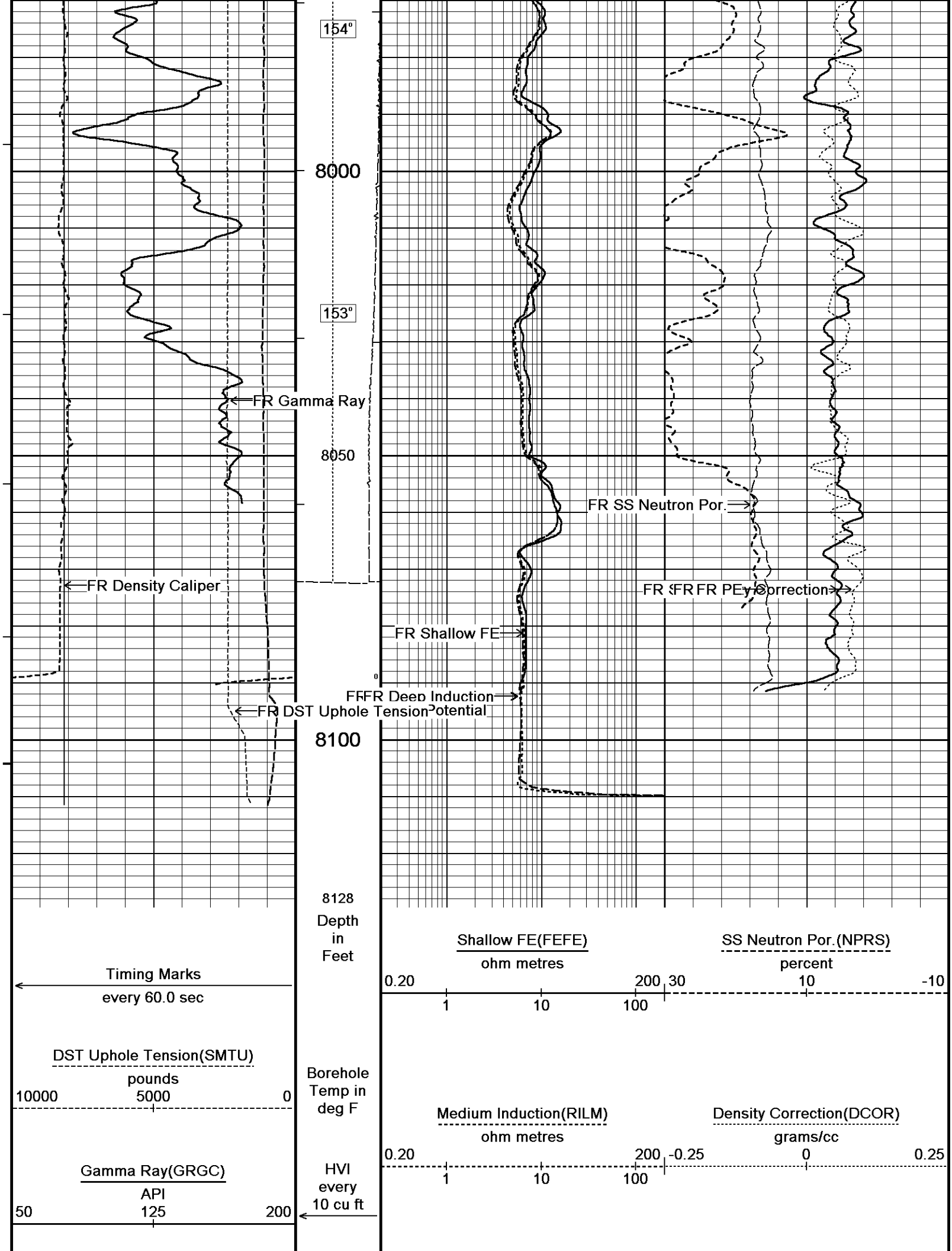

135°
Bit Size
Deep Induction
Medium Induction
SS Density Por. 2.68
6900
PE
Density Correction
Density Caliper
SS Neutron Por.
Shallow FE
Spontaneous Potential
134°
Gamma Ray
DST Uphole Tension
400
6950
139°
7000
200
140°
7050
141°

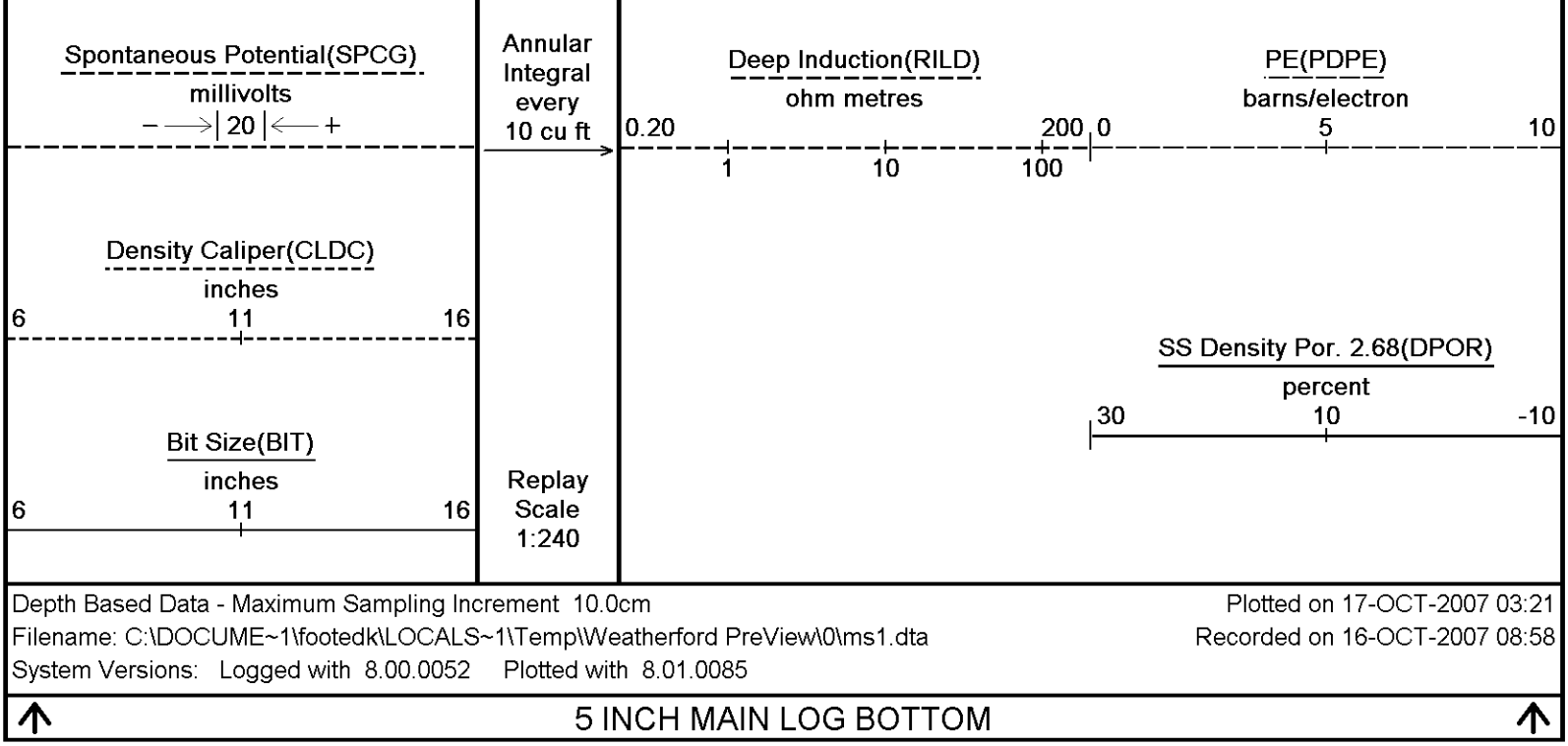

7100
142°
7150
143°
7200
143°
7250
144°
7300
Bit Size
Density Caliper
Deep Induction
Medium Induction
SS Density Por. 2.68
PE
Density Correction
SS Neutron Por.


Spontaneous Potential
Gamma Ray
DST Uphole Tension
Shallow FE
145°
7350
146°
7400
146°
7450
147°
7500
200
147°
100


7550
148°
7600
149°
7650
149°
7700
150°
Bit Size
Density Caliper
Gamma Ray
DST Uphole Tension
Spontaneous Potential
Deep Induction
Medium Induction
Shallow FE
SS Density Por 2.68
PE
Density Correction


7750
151°
100
7800
152°
7850
153°
7900
154°
7950


154°
8000
153°
FR Gamma Ray
8050
FR SS Neutron Por.
FR Density Caliper
FR Shallow FE
FR Deep Induction
FR DST Uphole Tension
Potential
8100
8128
Depth in Feet
Timing Marks
every 60.0 sec
DST Uphole Tension(SMTU)
pounds
10000
5000
0
Gamma Ray(GRGC)
API
50
125
200
Borehole Temp in deg F
HVI every 10 cu ft
Shallow FE(FEFE)
ohm metres
0.20
1
10
100
200
SS Neutron Por.(NPRS)
percent
30
10
-10
Medium Induction(RILM)
ohm metres
0.20
1
10
100
200
Density Correction(DCOR)
grams/cc
-0.25
0
0.25

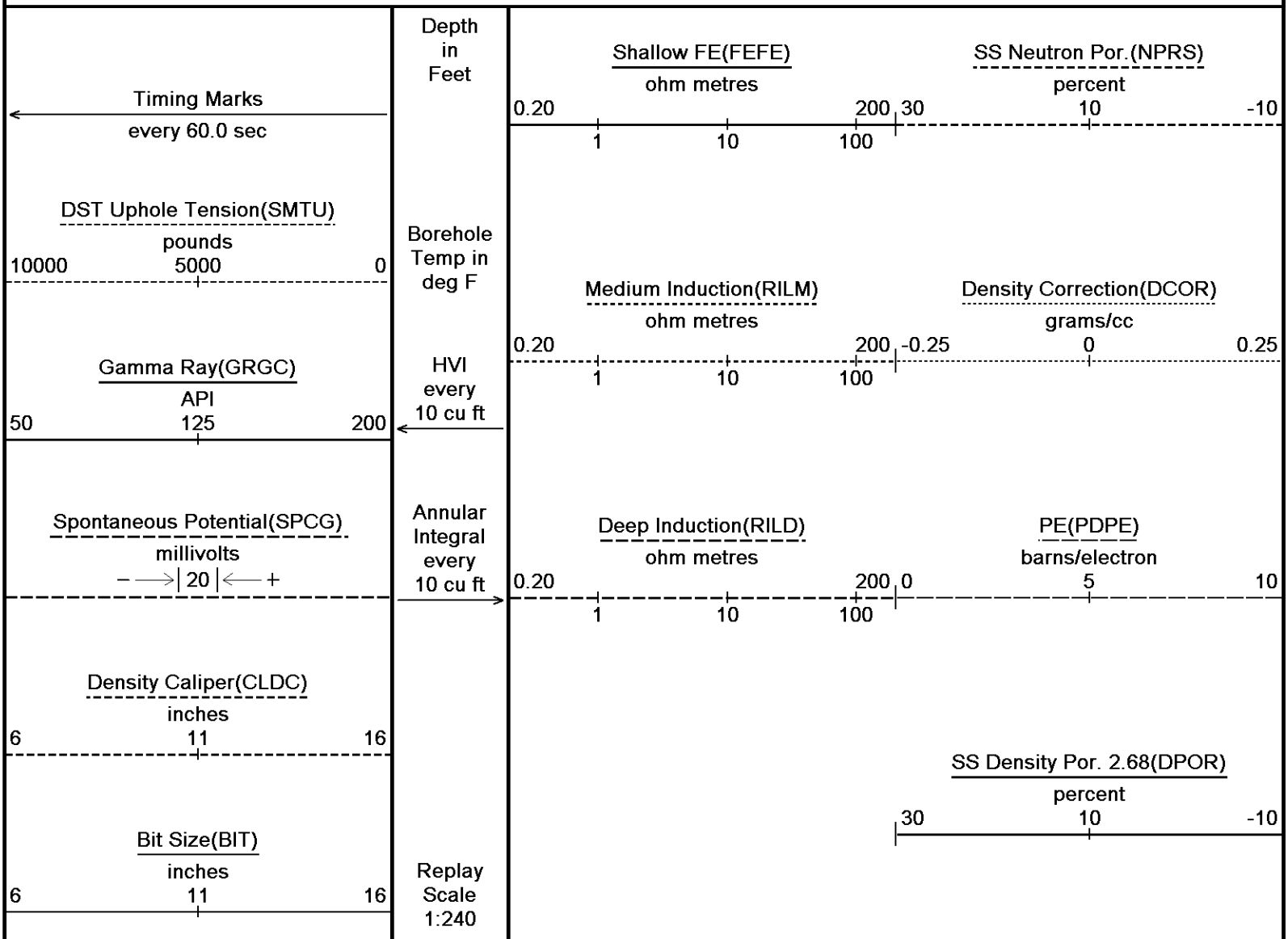


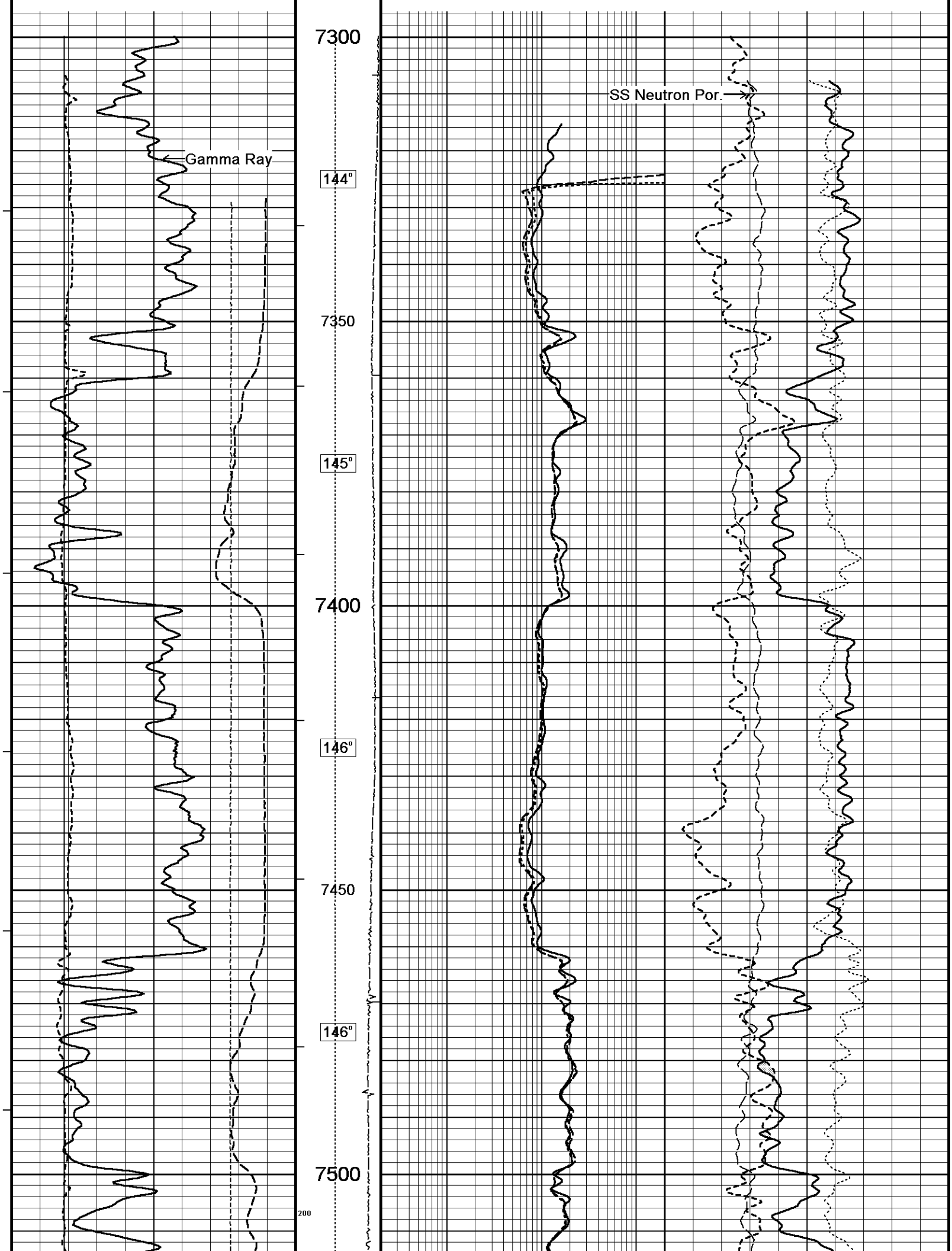
Depth Based Data - Maximum Sampling Increment 10.0cm — Plotted on 17-OCT-2007 03:21
Filename: C:\DOCUME~1\footedk\LOCALS~1\Temp\Weatherford PreView\0\ms1.dta — Recorded on 16-OCT-2007 08:58
System Versions: Logged with 8.00.0052 Plotted with 8.01.0085

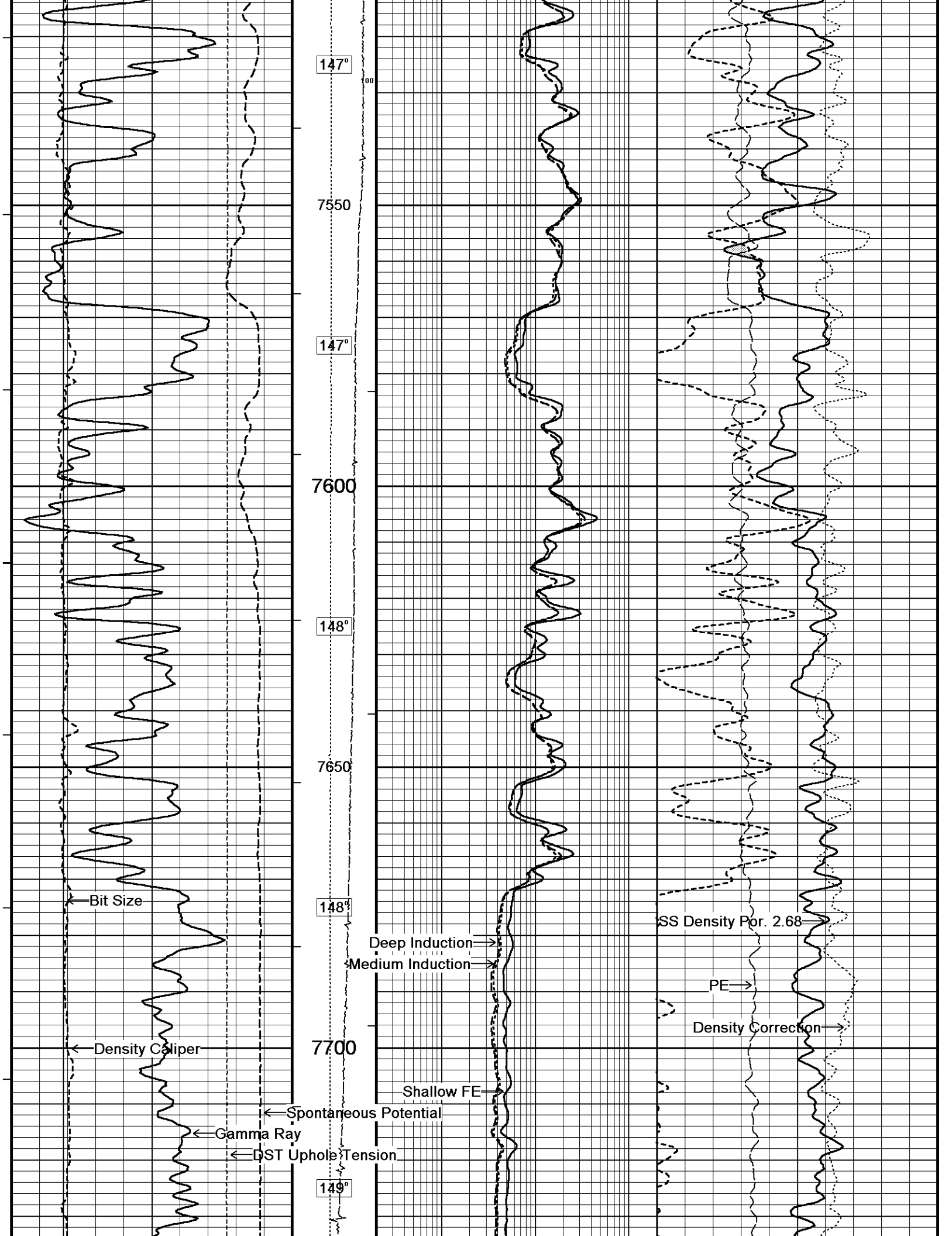
5 INCH MAIN LOG BOTTOM

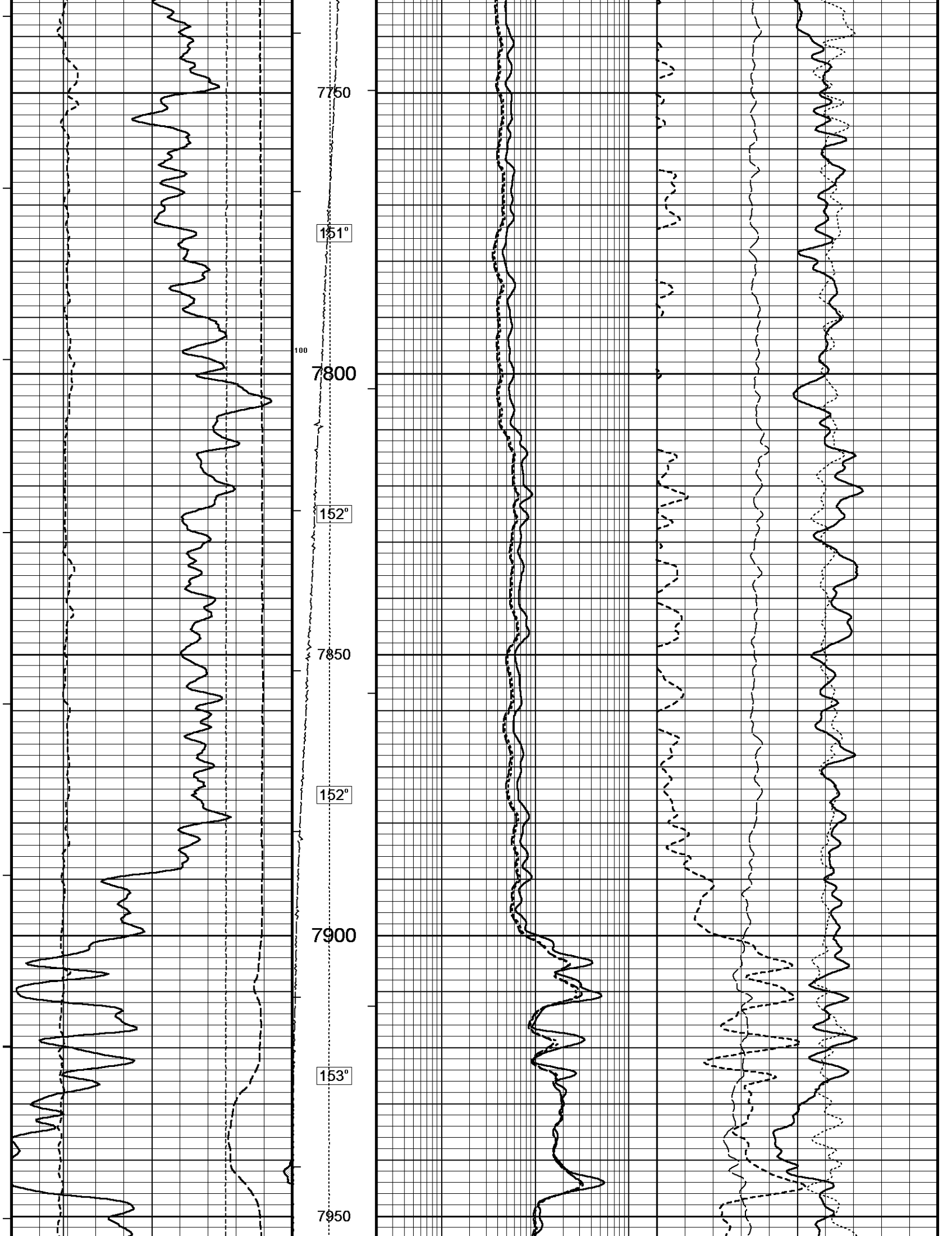
REPEAT SECTION

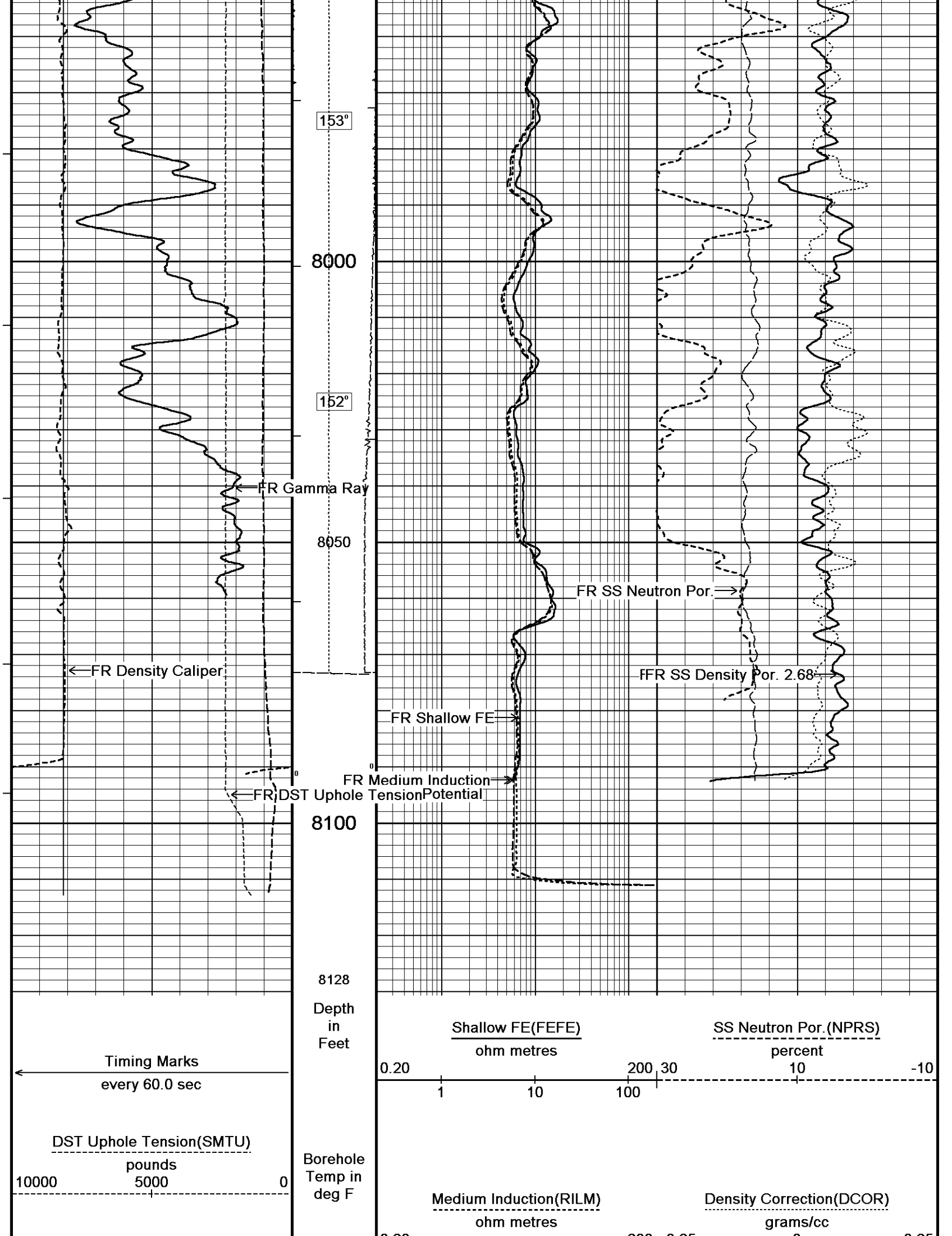
Depth Based Data - Maximum Sampling Increment 10.0cm — Plotted on 17-OCT-2007 03:21
Filename: C:\DOCUME~1\footedk\LOCALS~1\Temp\Weatherford PreView\0\THRUPIPE3.dta — Recorded on 16-OCT-2007 07:22
System Versions: Logged with 8.00.0052 Plotted with 8.01.0085

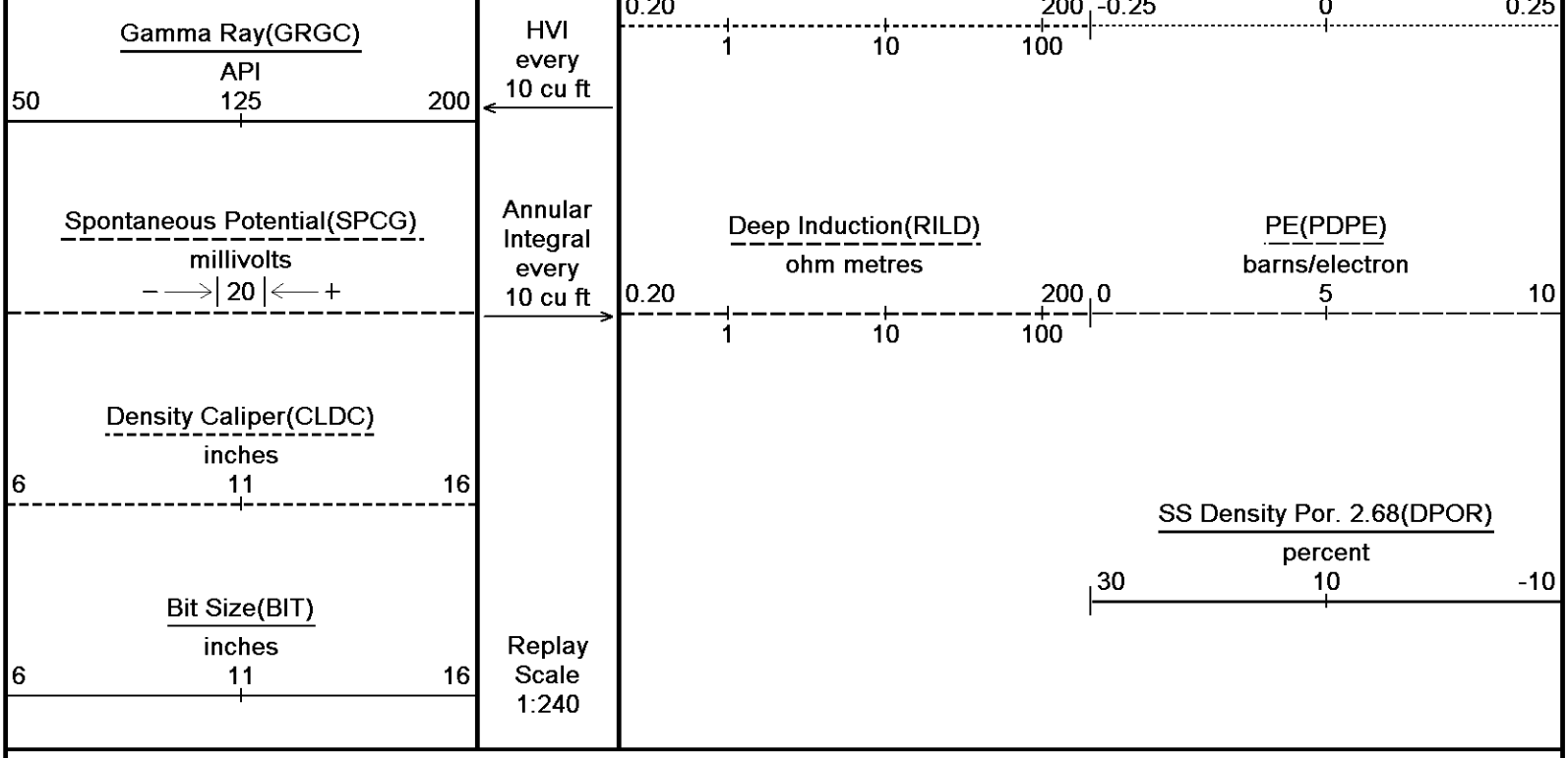



7300
Gamma Ray
144°
7350
145°
7400
146°
7450
146°
7500
200
SS Neutron Por.


147°
7550
147°
7600
148°
7650
148°
Bit Size
Deep Induction
Medium Induction
SS Density Por. 2.68
PE
Density Correction
Density Caliper
7700
Shallow FE
Spontaneous Potential
Gamma Ray
DST Uphole Tension
149°


7750
151°
100
7800
152°
7850
152°
7900
153°
7950


153°
8000
152°
FR Gamma Ray
8050
FR SS Neutron Por.
FR Density Caliper
FFR SS Density Por. 2.68
FR Shallow FE
0
FR Medium Induction
FR DST Uphole TensionPotential
8100
8128
Depth in Feet
Timing Marks
every 60.0 sec
Shallow FE(FEFE)
ohm metres
0.20
1
10
100
200
30
SS Neutron Por.(NPRS)
percent
10
-10
DST Uphole Tension(SMTU)
pounds
10000
5000
0
Borehole Temp in deg F
Medium Induction(RILM)
ohm metres
Density Correction(DCOR)
grams/cc



Depth Based Data - Maximum Sampling Increment 10.0cm — Plotted on 17-OCT-2007 03:21

Filename: C:\DOCUME~1\footedk\LOCALS~1\Temp\Weatherford PreView\0\THRUPIPE3.dta — Recorded on 16-OCT-2007 07:22

System Versions: Logged with 8.00.0052 Plotted with 8.01.0085

REPEAT SECTION

BEFORE SURVEY CALIBRATION

C:\DOCUME~1\footedk\LOCALS~1\Temp\Weatherford PreView\0\ms1.dta

General Constants All 000

Last Edited on 16-OCT-2007,05:16

General Parameters		
Mud Resistivity	1.980	ohm-metres
Mud Resistivity Temperature	72.000	degrees F
Water Level	0.000	feet
Density/Neutron Processing	Wet Hole	
Hole/Annular Volume and Differential Caliper Parameters		
HVOL Caliper 1	Density Caliper	
HVOL Caliper 2	None	
Annular Volume Diameter	5.500	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 12-SEP-2006 16:20

Reading No	Measured	Calibrated (lbs)
1	16265.83	0.00
2	16553.32	112.40

High Resolution Temperature Calibration MCG 246

Field Calibration on 15-OCT-2007,10:53

	Measured	Calibrated(Deg F)
Lower	50.00	50.00
Upper	75.00	75.00

High Resolution Temperature Constants MCG 246

Pre-filter Length	11

SP Calibration MCG 246

Field Calibration on 15-OCT-2007,10:52

	Measured	Calibrated (mV)
Reference 1	101.8	101.0
Reference 2	-98.2	-101.0

Gamma Calibration MCG 246

Field Calibration on 15-OCT-2007,10:52

	Measured	Calibrated (API)
Background	96	66
Calibrator (Gross)	1421	978
Calibrator (Net)	1325	912

Gamma Constants MCG 246

Last Edited on 15-OCT-2007,14:35

Gamma Calibrator Number	GRC-072	
Mud Density	1.00	gm/cc
Caliper Source for Processing	Density Caliper	
Tool Position	Eccentred	
Concentration of KCl	0.00	kppm

Neutron Calibration MDN 160

Base Calibration on 5-OCT-2007 10:17
Field Check on 15-OCT-2007,10:54

Base Calibration

	Measured		Calibrated (cps)	
	Near	Far	Near	Far
	3006	93	3714	110
Ratio	32.457		33.764	

Field Calibrator at Base

	Calibrated (cps)	
	1369	2139
Ratio	0.640	

Field Check

	Calibrated (cps)	
	1434	2128
Ratio	0.674	

Neutron Constants MDN 160

Last Edited on 10-OCT-2007,09:07

Neutron Source Id	734	
Neutron Jig Number	5922	
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	0.00	kpsi
Temperature Source	None	
Temperature	20.00	degrees F
Mud Salinity	0.00	kppm
Formation Fluid Salinity Source	Constant Value	
Formation Fluid Salinity	0.00	kppm
Barite Mud Correction	Not Applied	

Caliper Calibration MPD 219

Base Calibration on 2-OCT-2007 11:28
Field Calibration on 10-OCT-2007,09:07

Base Calibration

Reading No	Measured	Calibrator Size (in)
1	13646	4.00
2	21938	5.96
3	30608	7.98
4	38704	9.86
5	47808	11.88
6	N/A	N/A

Field Calibration

Measured Caliper (in)	Actual Caliper (in)
7.95	7.98

Photo Density Calibration MPD 219

Base Calibration on 2-OCT-2007 11:09
Field Check on 15-OCT-2007,11:25

Density Calibration

Base Calibration	Measured Near	Measured Far	Calibrated (sdu) Near	Calibrated (sdu) Far
Reference 1	55019	25478	59841	31066
Reference 2	22311	2684	24669	2507
Field Check at Base	1380.1	1548.4		
Field Check	1379.5	1557.5		

PE Calibration

Base Calibration	WS	Measured WH	Measured Ratio	Calibrated Ratio
Background	252	1226		
Reference 1	22883	54800	0.422	0.377
Reference 2	6136	22141	0.281	0.270
Field Check at Base	251.8	1225.7		
Field Check	248.8	1219.1		

Density Constants MPD 219

Last Edited on 15-OCT-2007,20:05

Density Source Id	238	
Nylon Calibrator Number	626	
Aluminium/Fe Calibrator Number	626	
Density Shoe Profile	8 inch	
Caliper Source for Processing	Density Caliper	
PE Correction to Density	Not Applied	
Mud Density	1.13	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
Density Z/A Correction	Advanced	

Matrix Density (gm/cc)	Depth (ft)
2.68	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	

FE Calibration MFE 136

Base Calibration on 2-OCT-2007 10:20
Field Check on 15-OCT-2007,11:26

Base Calibration

	Measured	Calibrated (ohm-m)
Reference 1	0.0	0.0
Reference 2	967.3	126.8
Base Check		280.7
Field Check		280.7

FE Constants MFE 136

Last Edited on 15-OCT-2007,11:28

Caliper Source for FE correction	Density Caliper	
Rm Source for FE correction	Temperature Corr	
Temp. for Rm Corr.	MCG External Temperature	
Stand-off	0.5	inches

High Resolution Temperature Calibration MAI 106

Field Calibration on 15-OCT-2007,11:32

Field Calibration on 15-OCT-2007,11:32

	Measured	Calibrated(Deg F)
Lower	50.00	50.00
Upper	75.00	75.00

High Resolution Temperature Constants MAI 106

Pre-filter Length	11

Induction Calibration MAI 106

Base Calibration on 1-FEB-2007 10:12
Field Check on 15-OCT-2007,11:31

Base Calibration

Test Loop Calibration

Channel	Measured Low	Measured High	Calibrated (mmho/m) Low	Calibrated (mmho/m) High
1	16.5	486.3	9.3	966.2
2	5.8	391.9	7.6	821.4
3	3.0	262.9	5.2	566.0
4	1.4	138.3	2.6	279.2

Array Temperature 74.6 Deg F

Channel	Base Check (mmho/m) Low	Base Check (mmho/m) High	Field Check (mmho/m) Low	Field Check (mmho/m) High
1	14.1	3750.1	14.1	3750.2
2	30.5	3456.5	30.5	3456.6
3	29.4	3023.7	29.4	3023.7
4	20.0	2003.4	20.0	2003.4
Deep	18.4	1963.0	18.4	1963.0
Medium	42.7	4027.7	42.7	4027.9
Shallow	44.9	5110.6	44.8	5110.7
Array Temperature		64.2		64.5 Deg F

Induction Constants MAI 106

Last Edited on 16-OCT-2007,05:17

Induction Model	ENHANCED	
Caliper for Borehole Corr.	Density Caliper	
Hole Size for Borehole Correction	N/A	inches
Stand-off	0.50	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	0.0050	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

Magnetometer Parameters MBN 021

	X Magnetometer	Y Magnetometer	Z Magnetometer
Slope	-1.000000	1.002700	0.973000
Offset	0.003800	0.019550	-0.005495

Navigation Constants MBN 021 — Last Edited on 15-OCT-2007,20:11

Magnetic Declination	10.95	degrees	East

Accelerometer Parameters MBN 021

	X Accelerometer	Y Accelerometer	Z Accelerometer
Slope	-1.100880	-1.109780	-1.111990
Offset	0.003318	0.008228	0.009842

Accelerometer Temperature Characterisation MBN 021 — Last Edited on 25-SEP-2007,00:38

X Accelerometer	Serial Number	3744			
		B0	B1	B2	B3
	Bias(g)	0.00000e+000	2.76669e-005	-1.04173e-008	1.20227e-010
		SF0	SF1	SF2	SF3
	Scale Factor(mA/g)	3.00000e+000	2.47410e-004	4.37393e-007	3.15693e-010
Y Accelerometer	Serial Number	0238			
		B0	B1	B2	B3
	Bias(g)	0.00000e+000	-2.36832e-008	-6.63128e-009	1.29942e-010
		SF0	SF1	SF2	SF3
	Scale Factor(mA/g)	3.00000e+000	2.37066e-004	9.98908e-007	-1.85711e-009
Z Accelerometer	Serial Number	0204			
		B0	B1	B2	B3
	Bias(g)	0.00000e+000	8.48109e-006	-1.99145e-008	1.54359e-010
		SF0	SF1	SF2	SF3
	Scale Factor(mA/g)	3.00000e+000	2.58082e-004	6.63620e-007	-4.87059e-010

DOWNHOLE EQUIPMENT

C:\DOCUME~1\footedk\LOCALS~1\Temp\Weatherford PreView\0\ms1.dta

SHA-H Compact Swivel Head Adaptor
SHA 170 Length: 2.30 ft Weight: 22.0 lb

Compact Gamma
MCG 246 Length: 8.70 ft Weight: 63.9 lb

Compact Navigation
MBN 21 Length: 11.81 ft Weight: 70.5 lb

Compact Neutron
MDN 160 Length: 5.04 ft Weight: 50.7 lb

MIS-A.A Compact Inline Bowspring sub
MIS 171 Length: 5.70 ft Weight: 33.1 lb

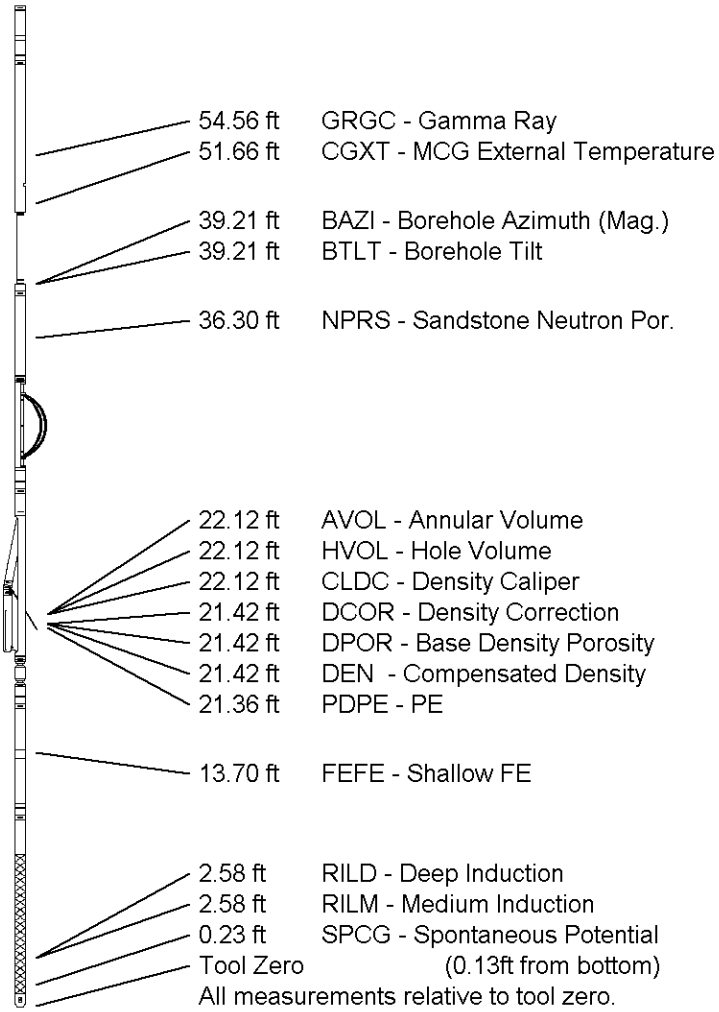
Compact Density/Caliper
MPD 219 Length: 9.59 ft Weight: 90.4 lb

SKJ-D.A Compact Knuckle Joint
SKJ 143 Length: 2.17 ft Weight: 24.3 lb

Compact Focussed Electric
MFE 136 Length: 6.03 ft Weight: 48.5 lb

Compact Induction
MAI 106 Length: 10.81 ft Weight: 48.5 lb

Total Length: 62.15 ft Weight: 451.9 lb



COMPANY J-W OPERATING COMPANY

WELL	GREAT DIVIDE FEDERAL 11-33
FIELD	GREAT DIVIDE
PROVINCE/COUNTY	MOFFAT
COUNTRY/STATE	U.S.A. / COLORADO

Elevation Kelly Bushing	6904.00	feet	First Reading	8092.00	feet
Elevation Drill Floor	6903.00	feet	Depth Driller	8103.00	feet
Elevation Ground Level	6889.00	feet	Depth Logger	8095.00	feet

Weatherford®

COMPACT TRIPLE COMBO

QUICKLOOK

LOG