COMPACT TRIPLE COMBO QUICKLOOK LOG

Weatherford®

COMPANY	BILL BARRETT CORPORATION
WELL	GGU FEDERAL 31D-29-691
FIELD	GIBSON GULCH
PROVINCE/COUNTY	GARFIELD
COUNTRY/STATE	U.S.A. / COLORADO
LOCATION	SHL: 1206' FNL & 1353' FEL
	BHL: 165' FNL & 1990' FEL

SEC	TWP	RGE	Other Services
29	6S	91W	

API Number 05-045-19802
Permit Number

Permanent Datum G.L., Elevation 6104 feet
Log Measured From K.B. @ 22 FEET above Permanent Datum
Drilling Measured From K.B.

Elevations:	feet
KB	6126.00
DF	6125.00
GL	6104.00

Date	06-MAR-2011			
Run Number	ONE			
Depth Driller	7575.00	feet		
Depth Logger	7589.00	feet		
First Reading	7579.00			
Last Reading	763.00			
Casing Driller	764.00	feet		
Casing Logger	763.00	feet		
Bit Size	7.875	inches		
Hole Fluid Type	LSND			
Density / Viscosity	10.50 lb/USg	49.00 CP		
PH / Fluid Loss	9.80	5.00 ml/30Min		
Sample Source	FLOW LINE			
Rm @ Measured Temp	4.87 @ 48.0	ohm-m		
Rmf @ Measured Temp	3.90 @ 48.0	ohm-m		
Rmc @ Measured Temp	5.84 @ 48.0	ohm-m		
Source Rmf / Rmc	CALC	CALC		
Rm @ BHT	1.41 @172.0	ohm-m		
Time Since Circulation	6 HOURS			
Max Recorded Temp	172.00	deg F		
Equipment Name	COMPACT			
Equipment / Base	13144	RK SPR		
Recorded By	W. HANKS			
Witnessed By	J. BOYD			

BOREHOLE RECORD

Last Edited: 06-MAR-2011 07:53

Bit Size inches	Depth From feet	Depth To feet
8.750	764.00	5494.00
7.875	5494.00	7575.00

CASING RECORD

Type	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft
SURFACE	9.625	0.00	764.00	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
MFE: (1) 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 = 2760 CU.FT.

ANNULAR VOLUME WITH 4.5 INCH PRODUCTION CASING = 2007 CU.FT.

ENGINEER(S): W. HANKS

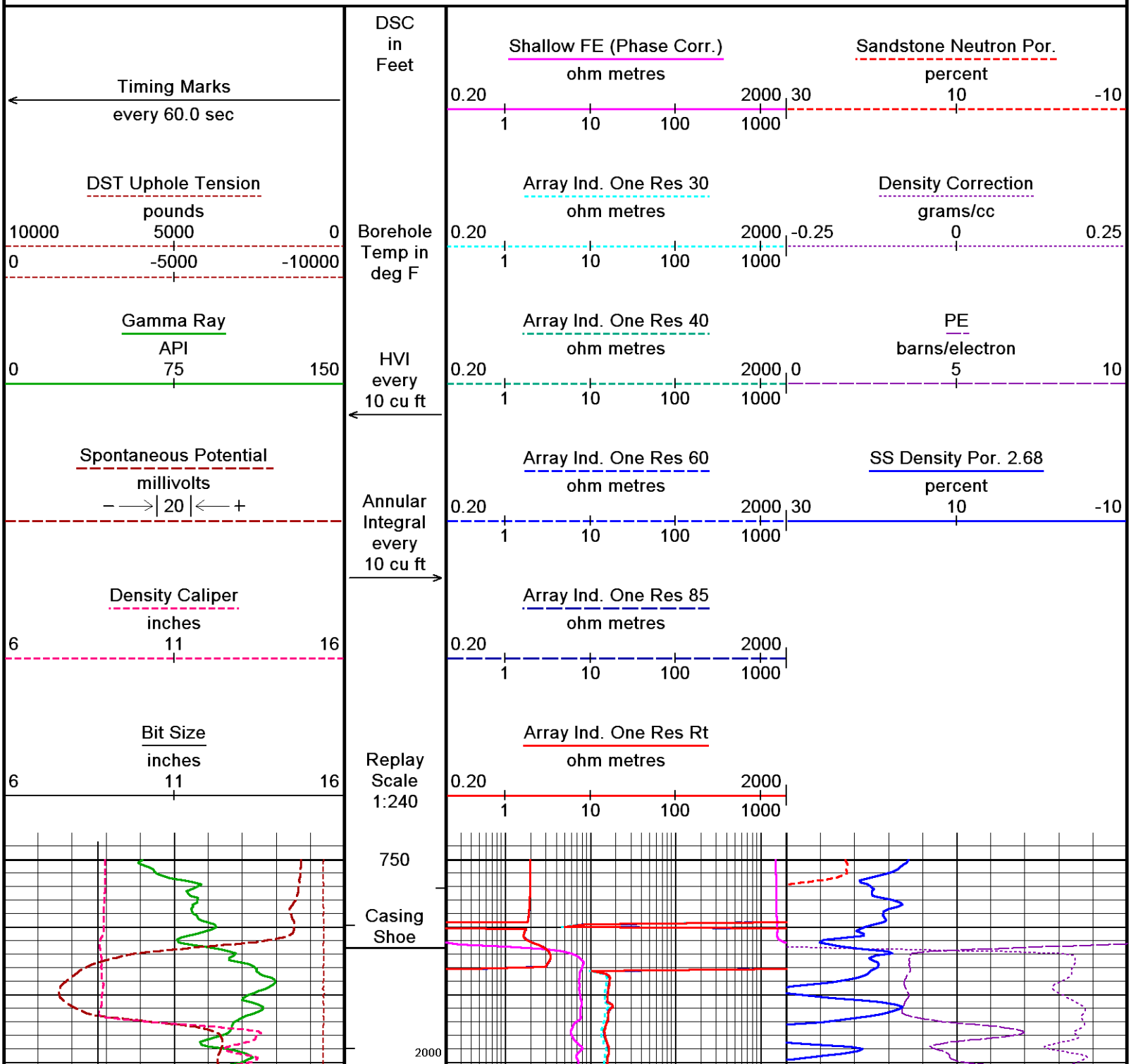
OPERATOR(S): D. SMITH

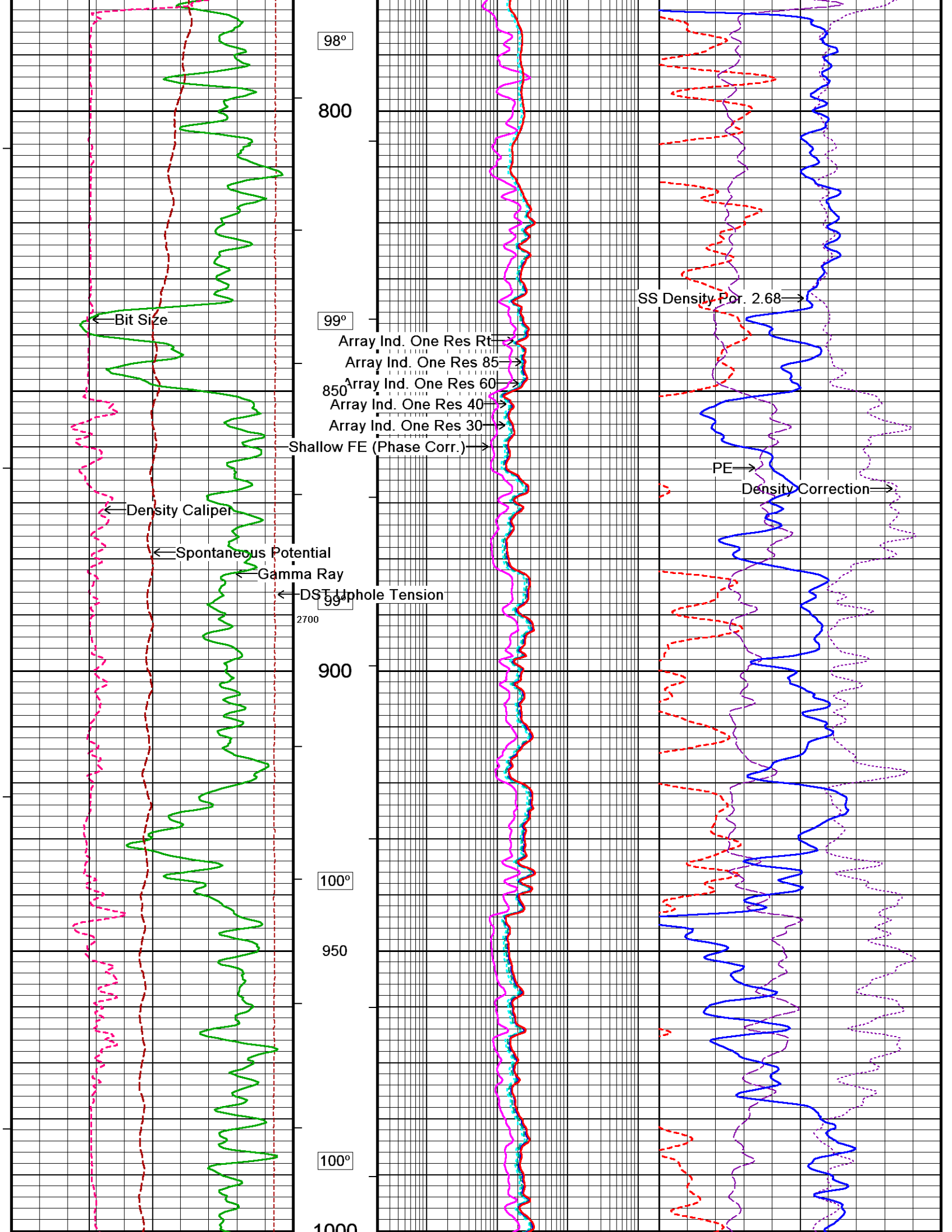
SERVICE ORDER: #3526710

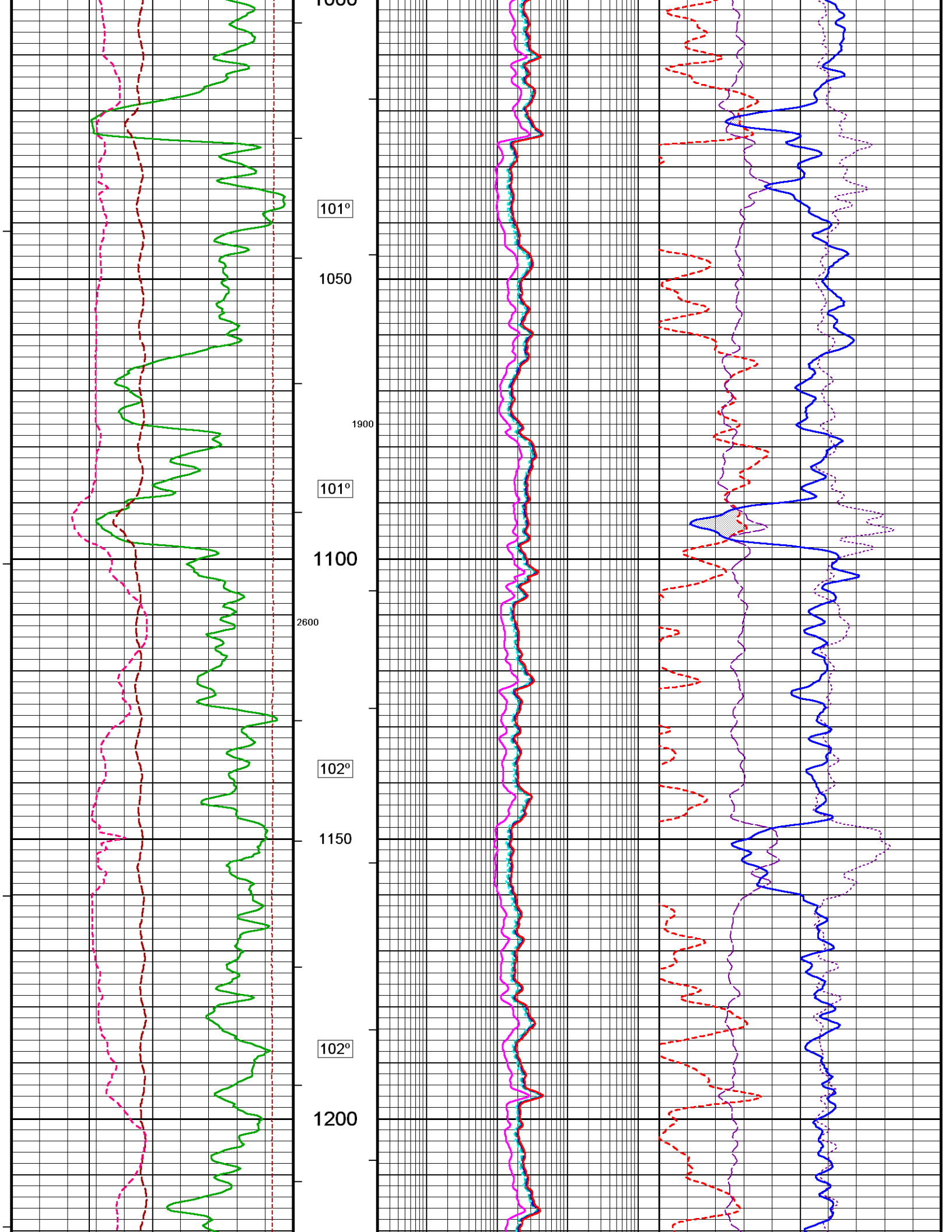
RIG: PATTERSON #307

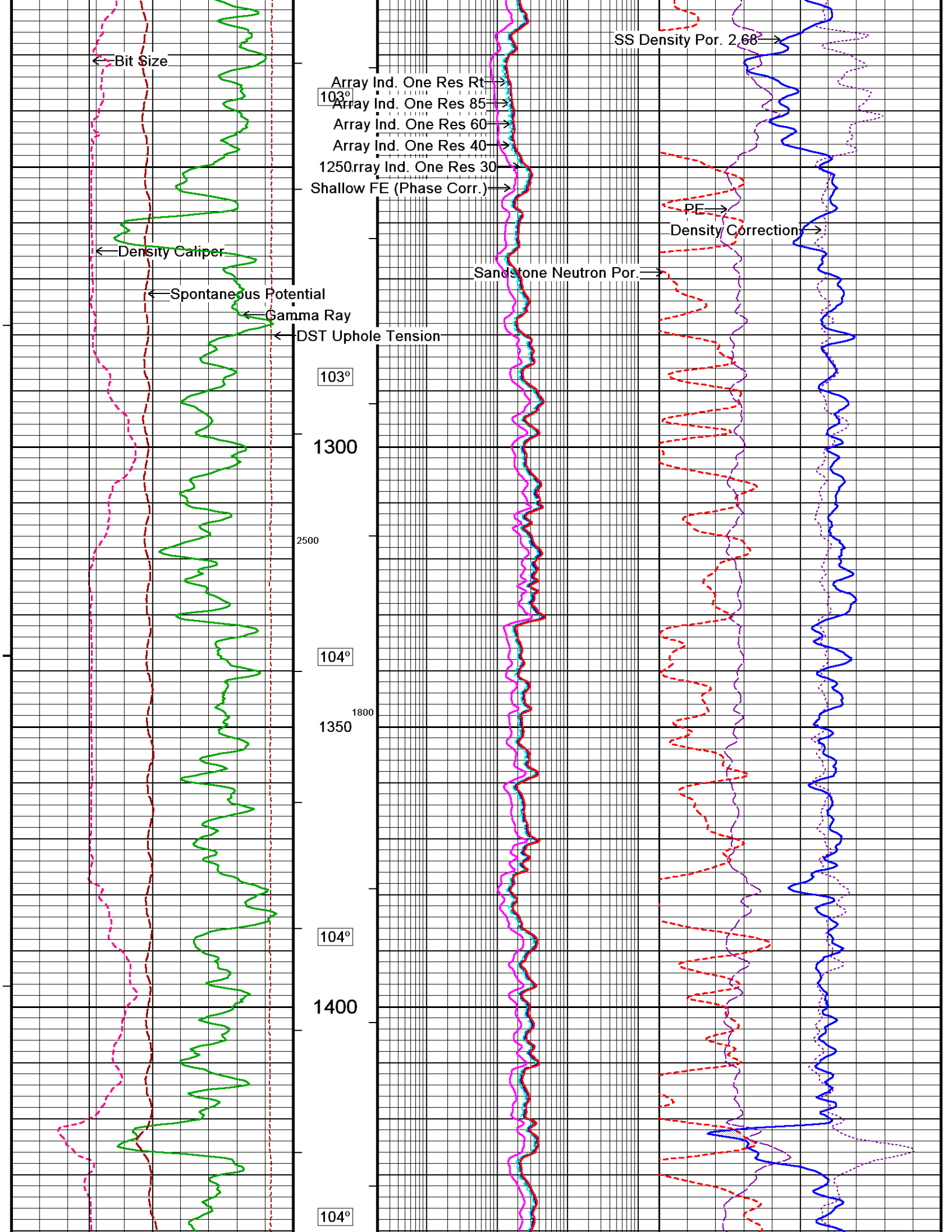
5 INCH MAIN LOG

Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 08-MAR-2011 09:02
Filename: C:\DOCUME~1\rodgerbx\LOCALS~1\Temp\We...\Bill Barrett GGU Fed 31D-29-691_005.dta
Recorded on 06-MAR-2011 10:15
System Versions: Logged with 11.01.2198 Plotted with 11.02.2164




98°
800
99°
Bit Size
Array Ind. One Res Rt
Array Ind. One Res 85
Array Ind. One Res 60
850
Array Ind. One Res 40
Array Ind. One Res 30
Shallow FE (Phase Corr.)
SS Density Por. 2.68
PE
Density Correction
Density Caliper
Spontaneous Potential
Gamma Ray
DST Uphole Tension
99°
2700
900
100°
950
100°
1000


1000
101°
1050
1900
101°
1100
2600
102°
1150
102°
1200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Density Caliper
Spontaneous Potential
Gamma Ray
DST Uphole Tension
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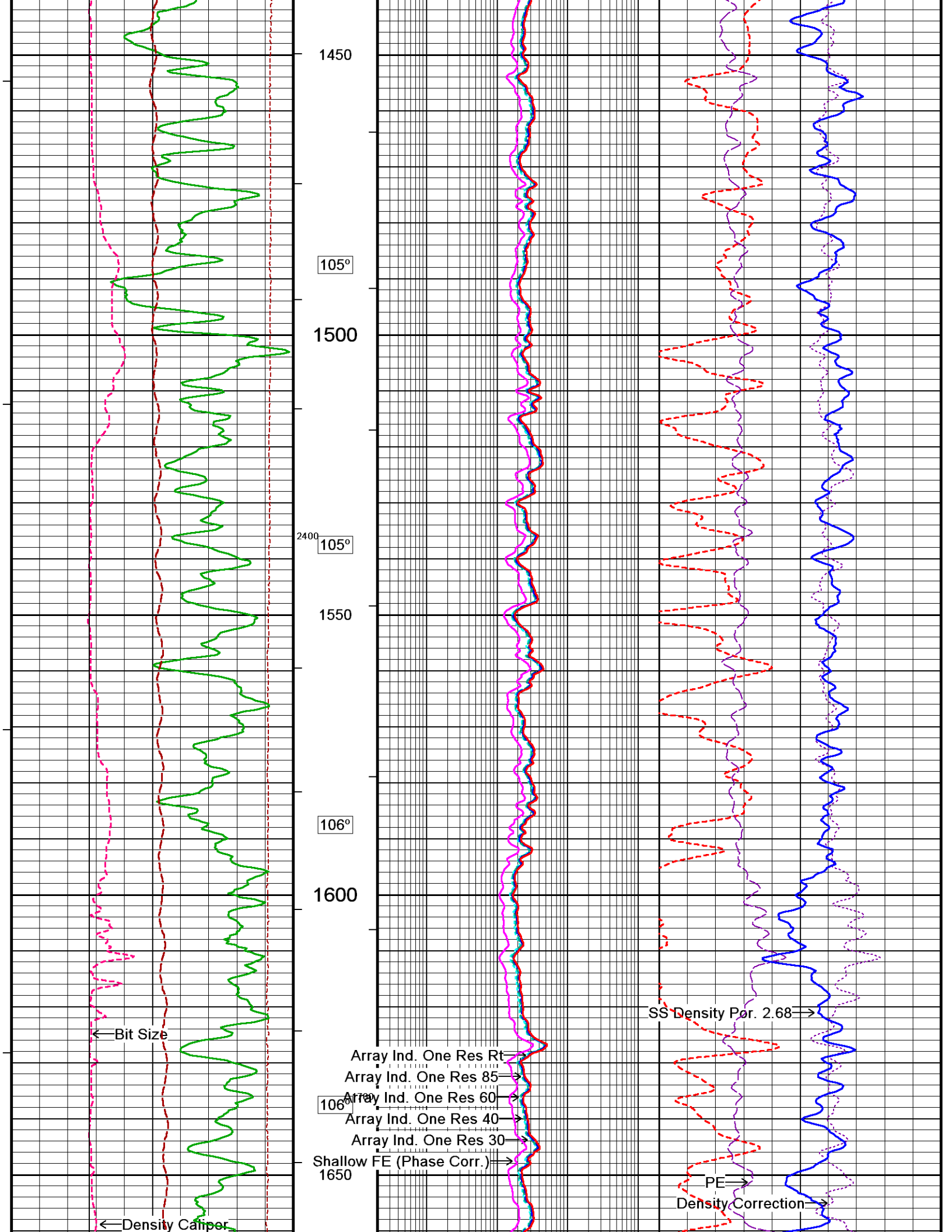
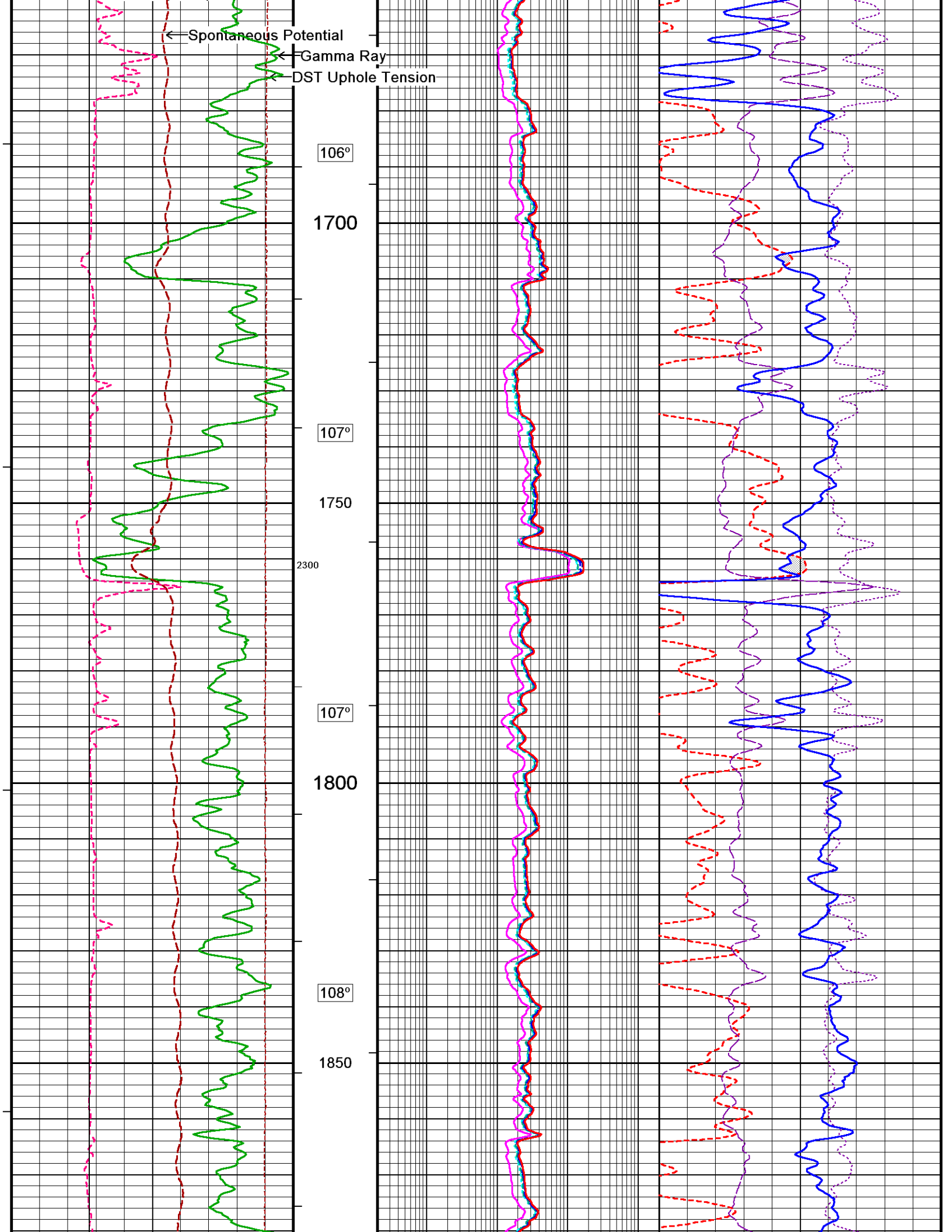
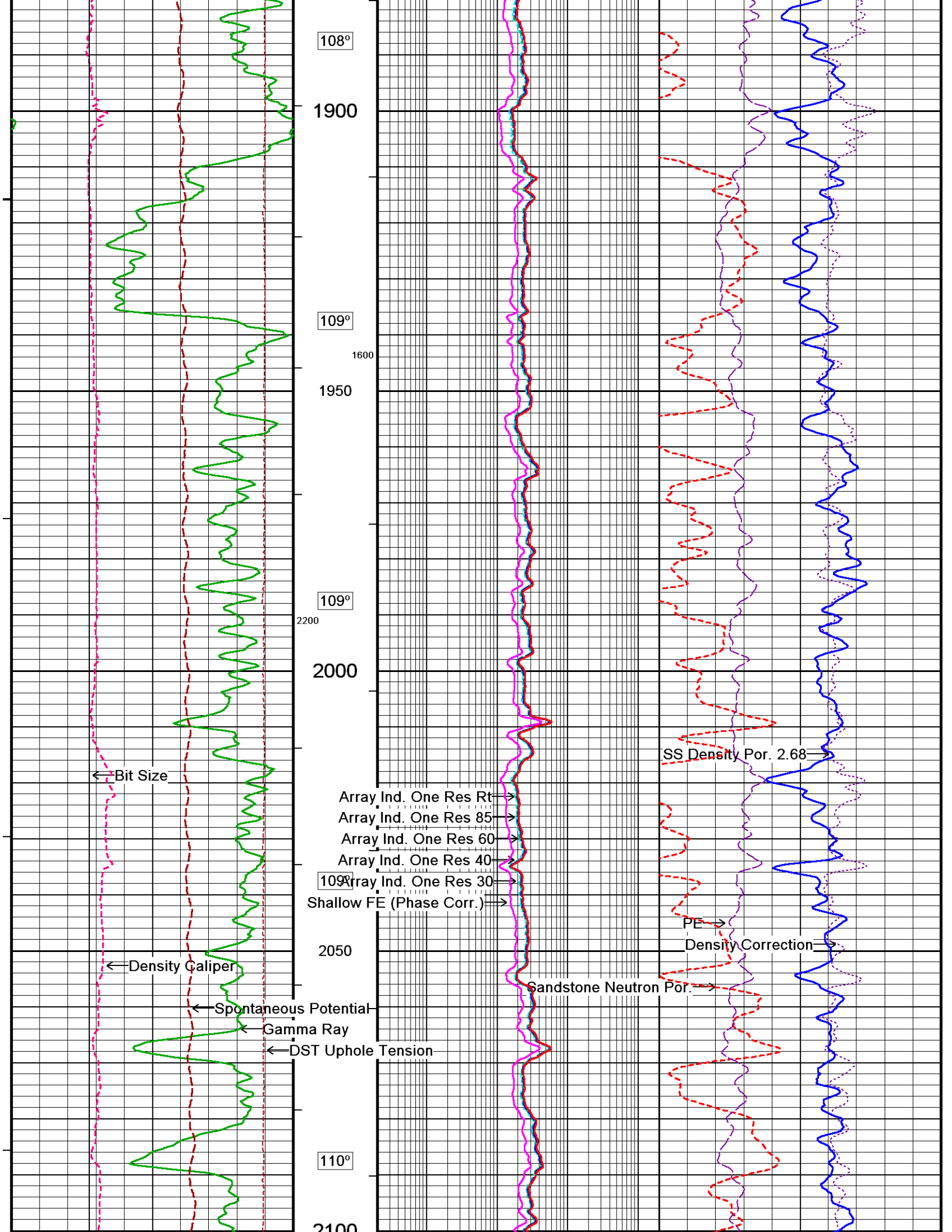
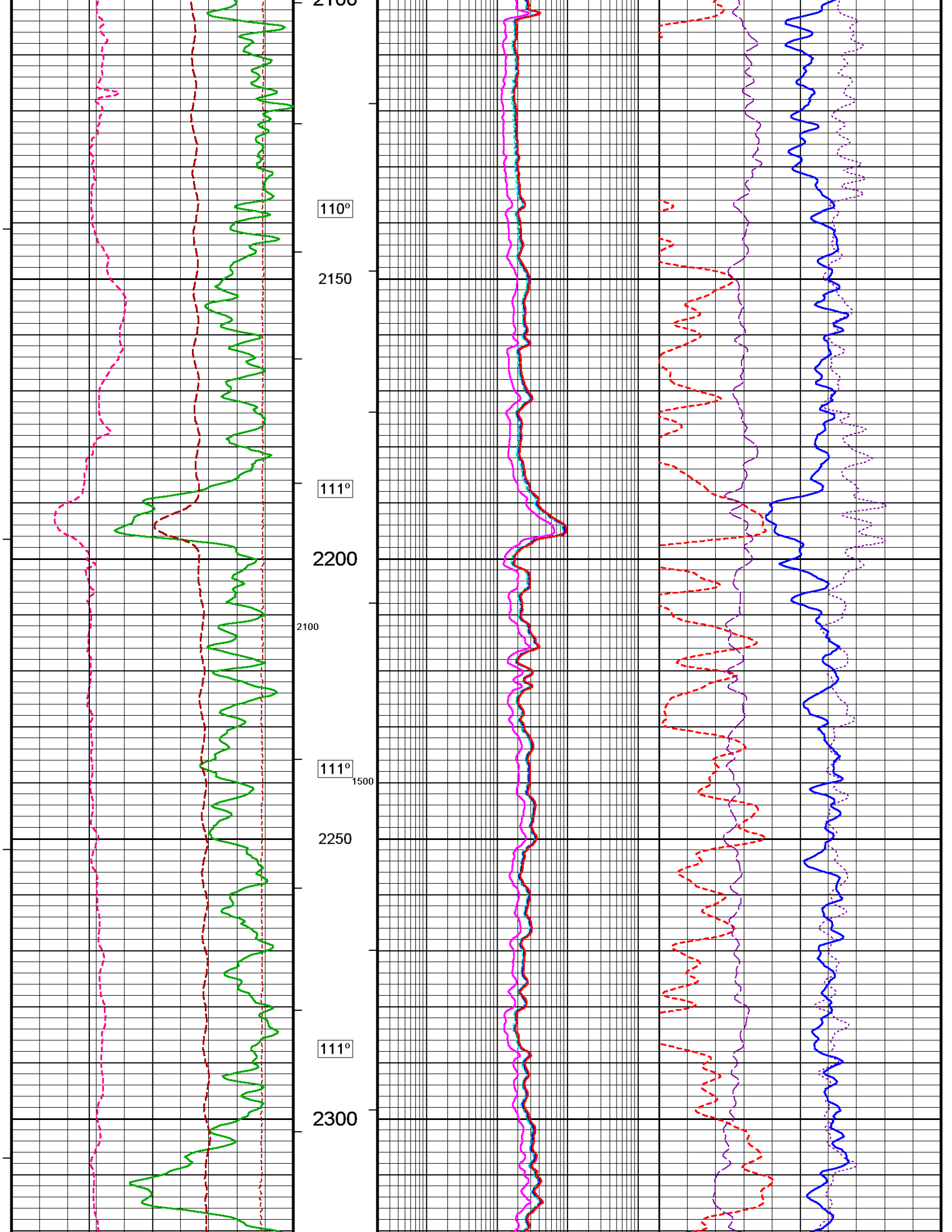
Array Ind. One Res 85
Array Ind. One Res 60
Array Ind. One Res 40
Array Ind. One Res 30
Shallow FE (Phase Corr.)
Sandstone Neutron Por.
SS Density Por. 2.68
PE
Density Correction
103°
103°
104°
104°
104°
1300
1350
1400
2500
1800


1450
105°
1500
2400
105°
1550
106°
1600
106°
1650
←Bit Size
←Density Caliper
Array Ind. One Res Rt
Array Ind. One Res 85→
Array Ind. One Res 60→
Array Ind. One Res 40→
Array Ind. One Res 30→
Shallow FE (Phase Corr.)→
SS Density Por. 2.68→
PE→
Density Correction→


Spontaneous Potential
Gamma Ray
DST Uphole Tension
106°
1700
107°
1750
2300
107°
1800
108°
1850


108°
1900
109°
1600
1950
109°
2200
2000
109°
2050
110°
2100
Bit Size
Density Caliper
Spontaneous Potential
Gamma Ray
DST Uphole Tension
Array Ind. One Res Rt
Array Ind. One Res 85
Array Ind. One Res 60
Array Ind. One Res 40
Array Ind. One Res 30
Shallow FE (Phase Corr.)
SS Density Por. 2.68
PE
Density Correction
Sandstone Neutron Por.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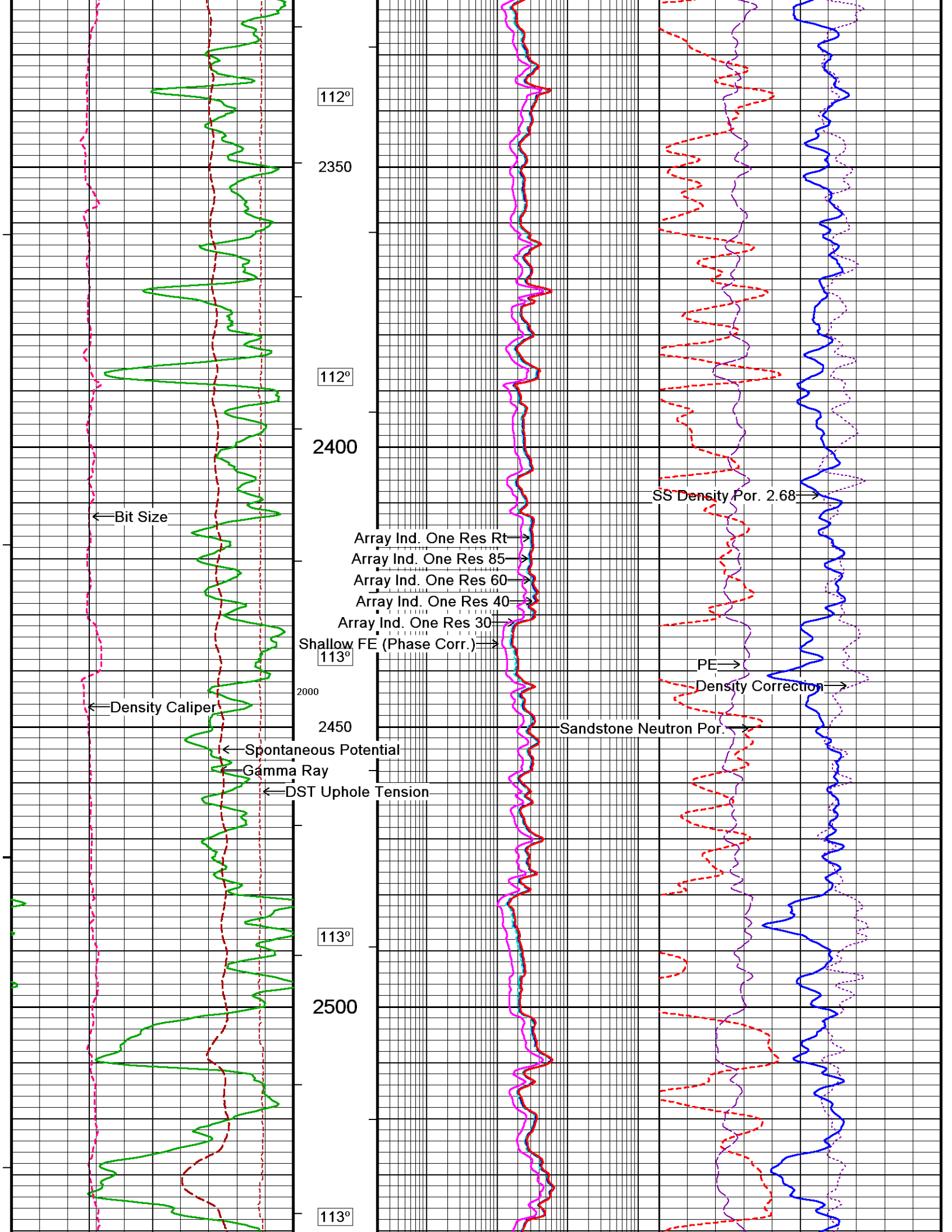
2150
111°
2200
2100
111°
1500
2250
111°
2300


112°
2350
112°
2400
Bit Size
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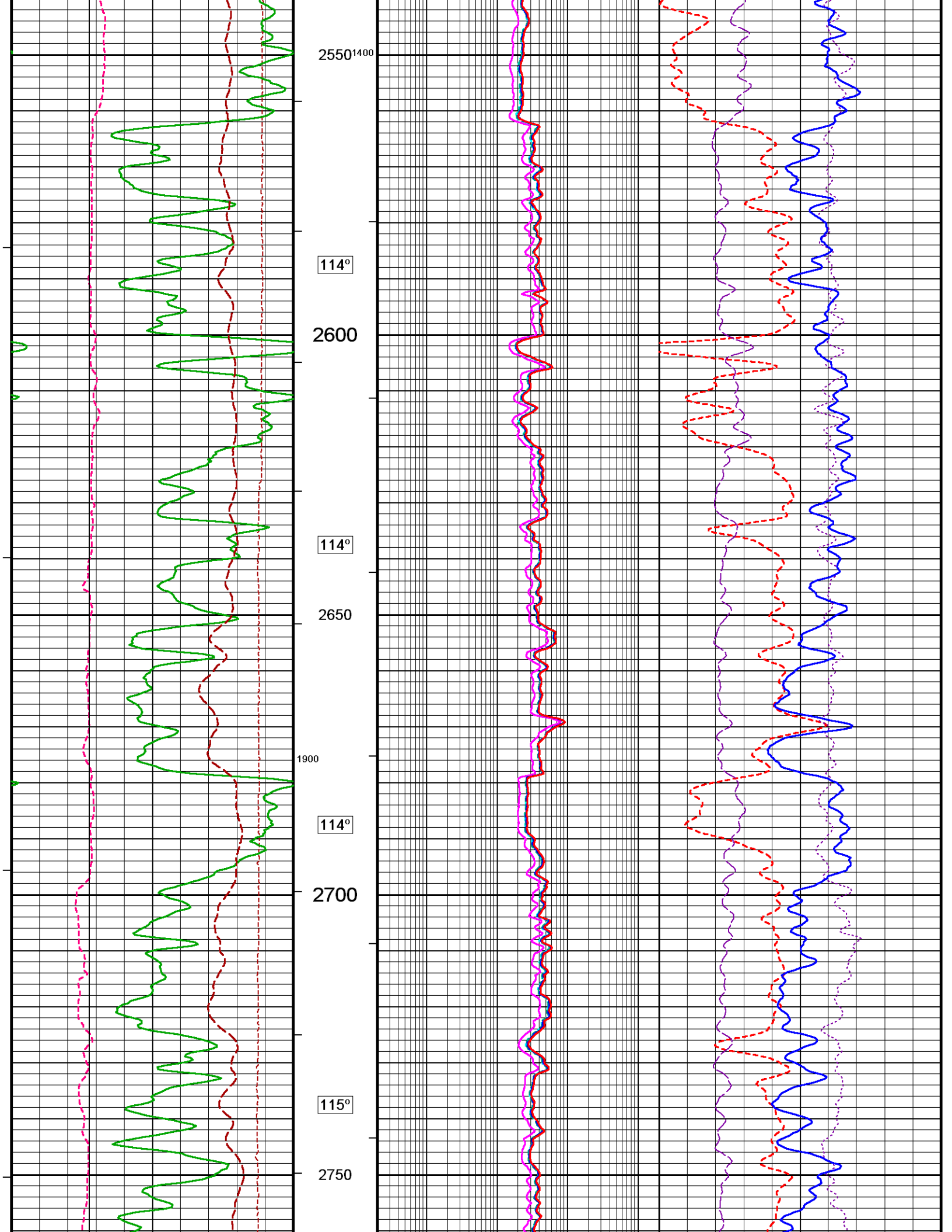
Array Ind. One Res 85
Array Ind. One Res 60
Array Ind. One Res 40
Array Ind. One Res 30
Shallow FE (Phase Corr.)
SS Density Por. 2.68
PE
Density Correction
113°
2000
Density Caliper
2450
Sandstone Neutron Por.
Spontaneous Potential
Gamma Ray
DST Uphole Tension
113°
2500
113°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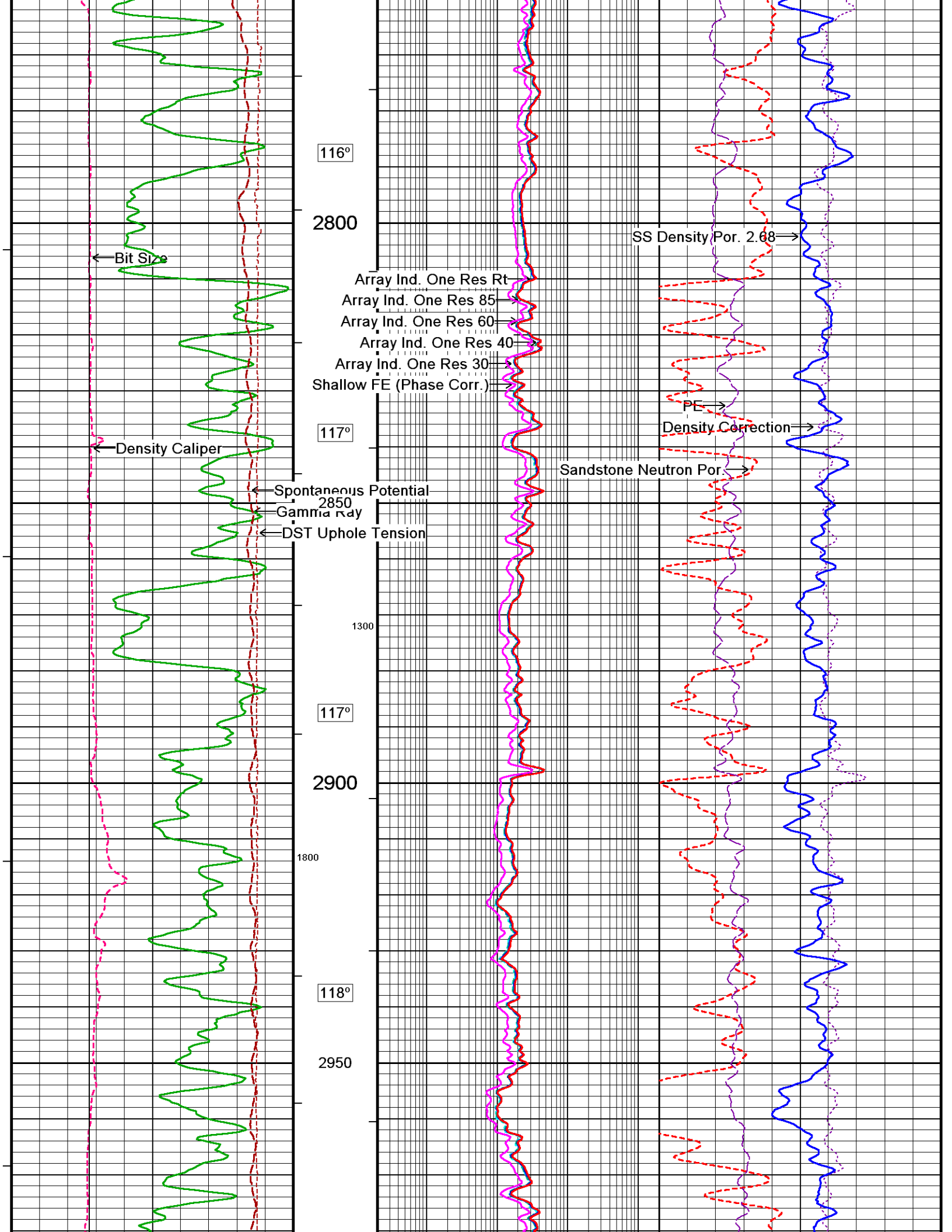
1400
114°
2600
114°
2650
1900
114°
2700
115°
2750


116°
2800
Bit Size
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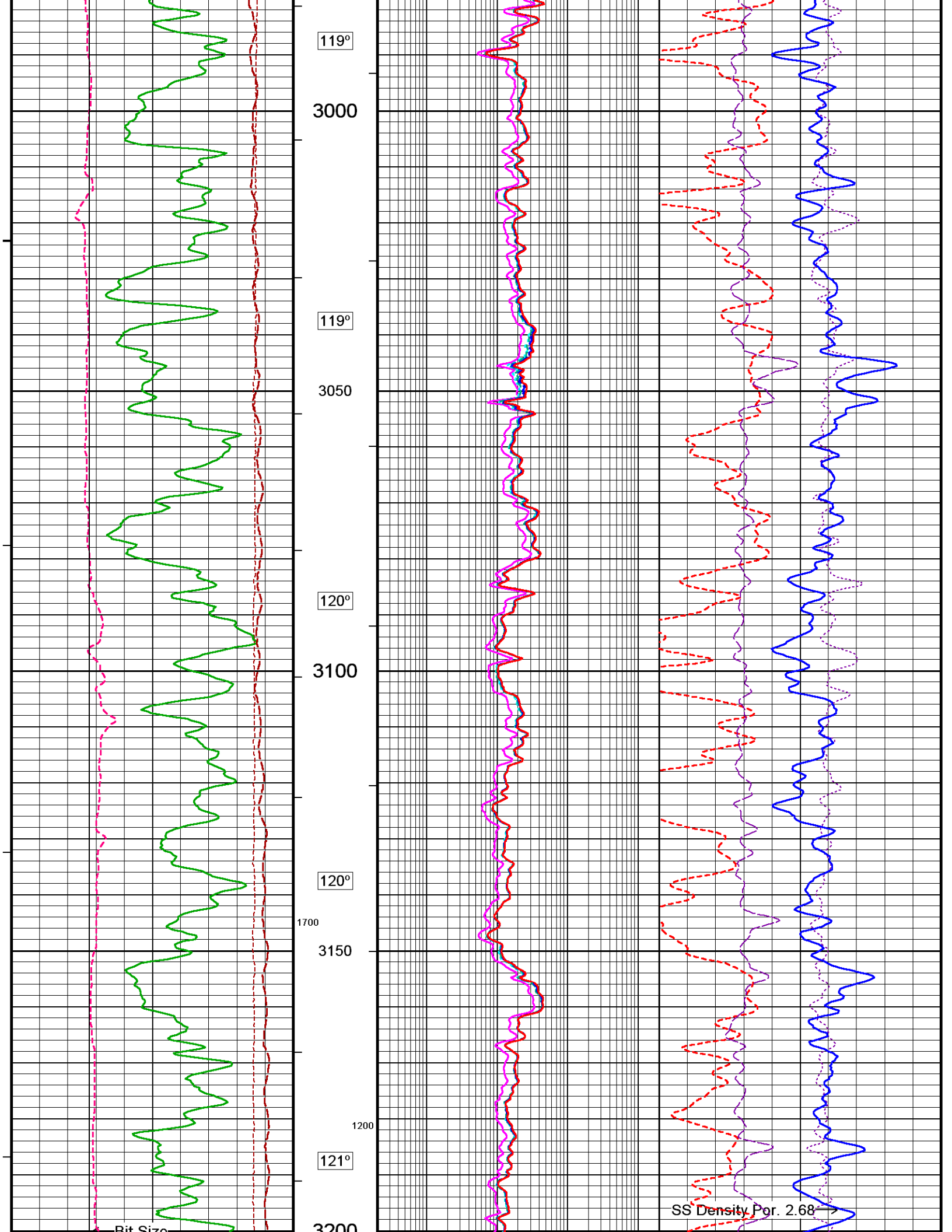
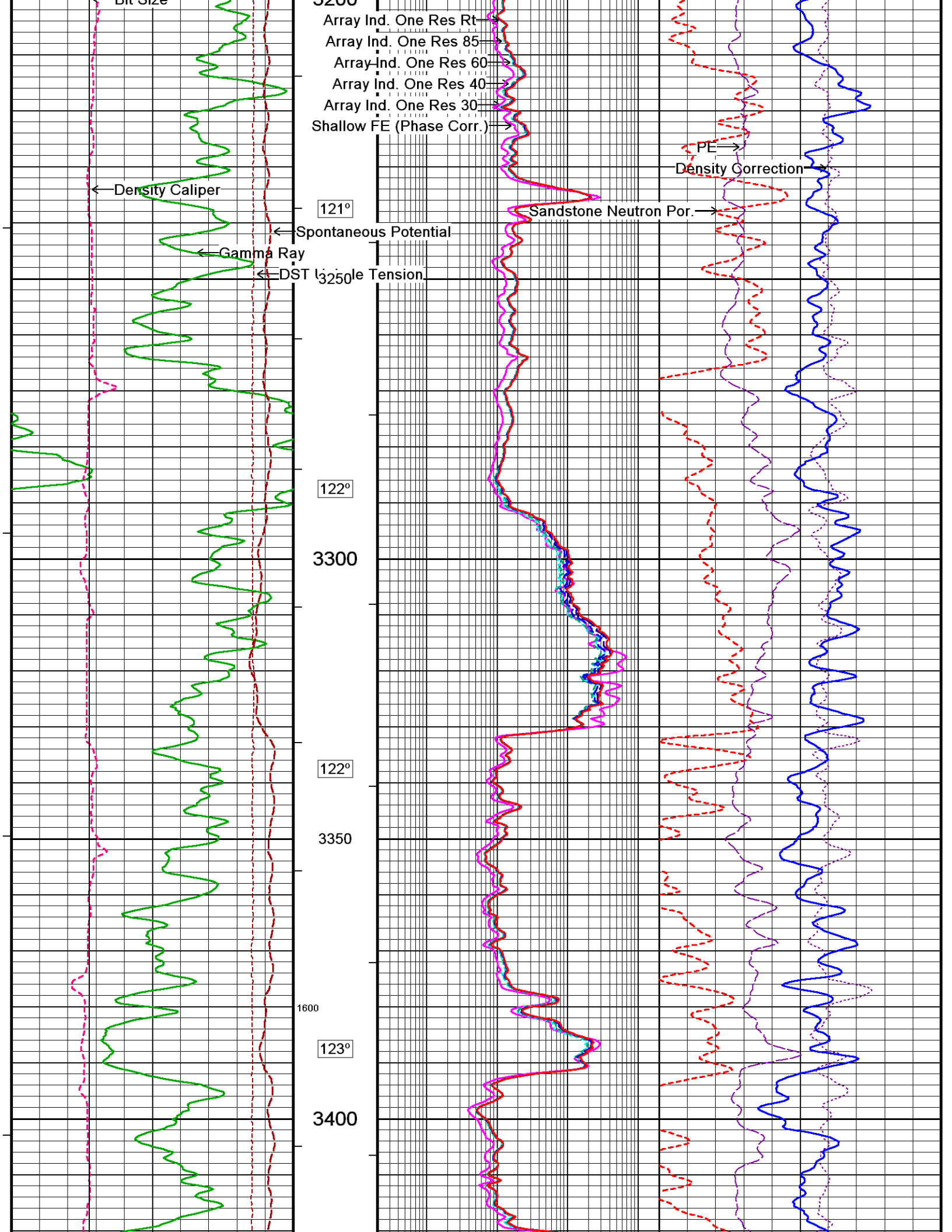
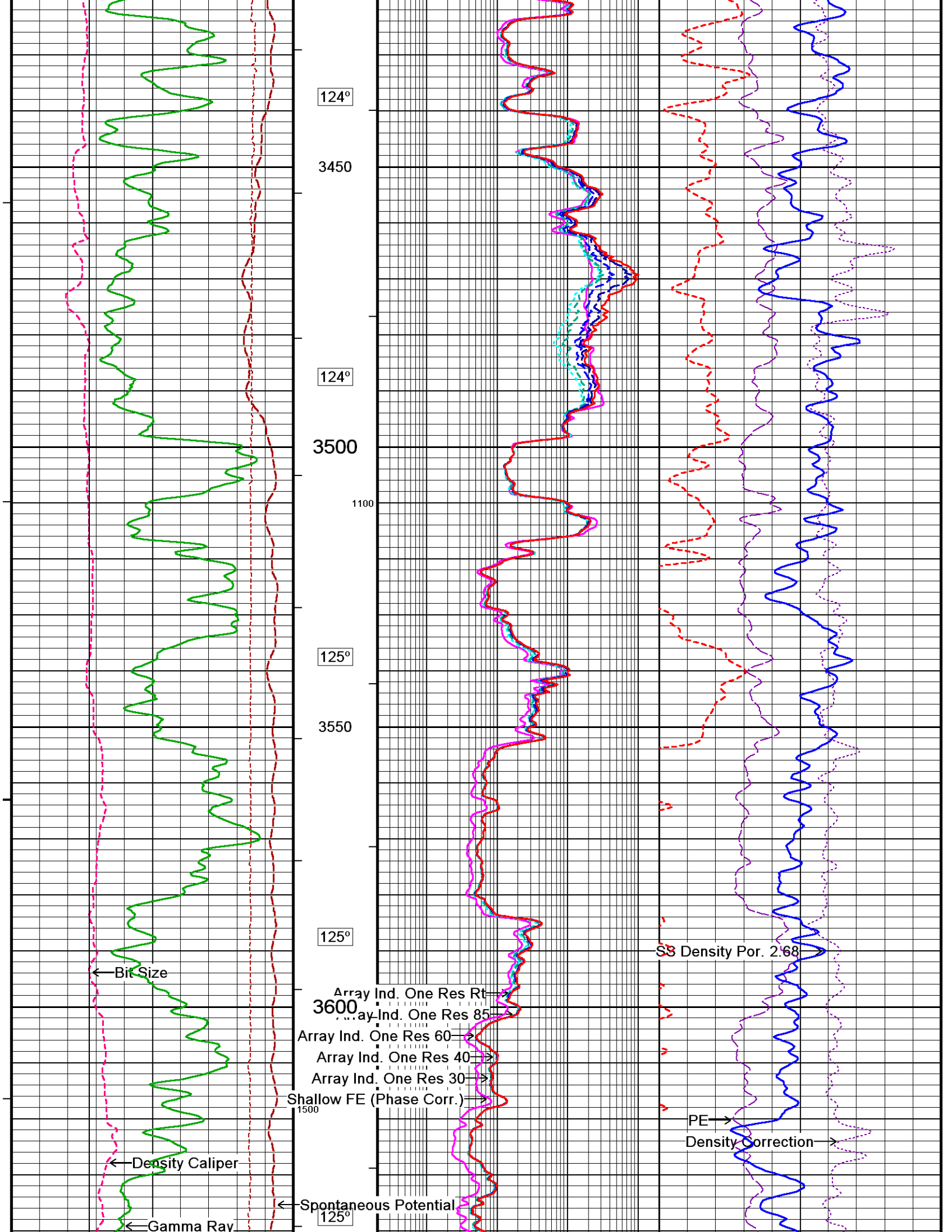
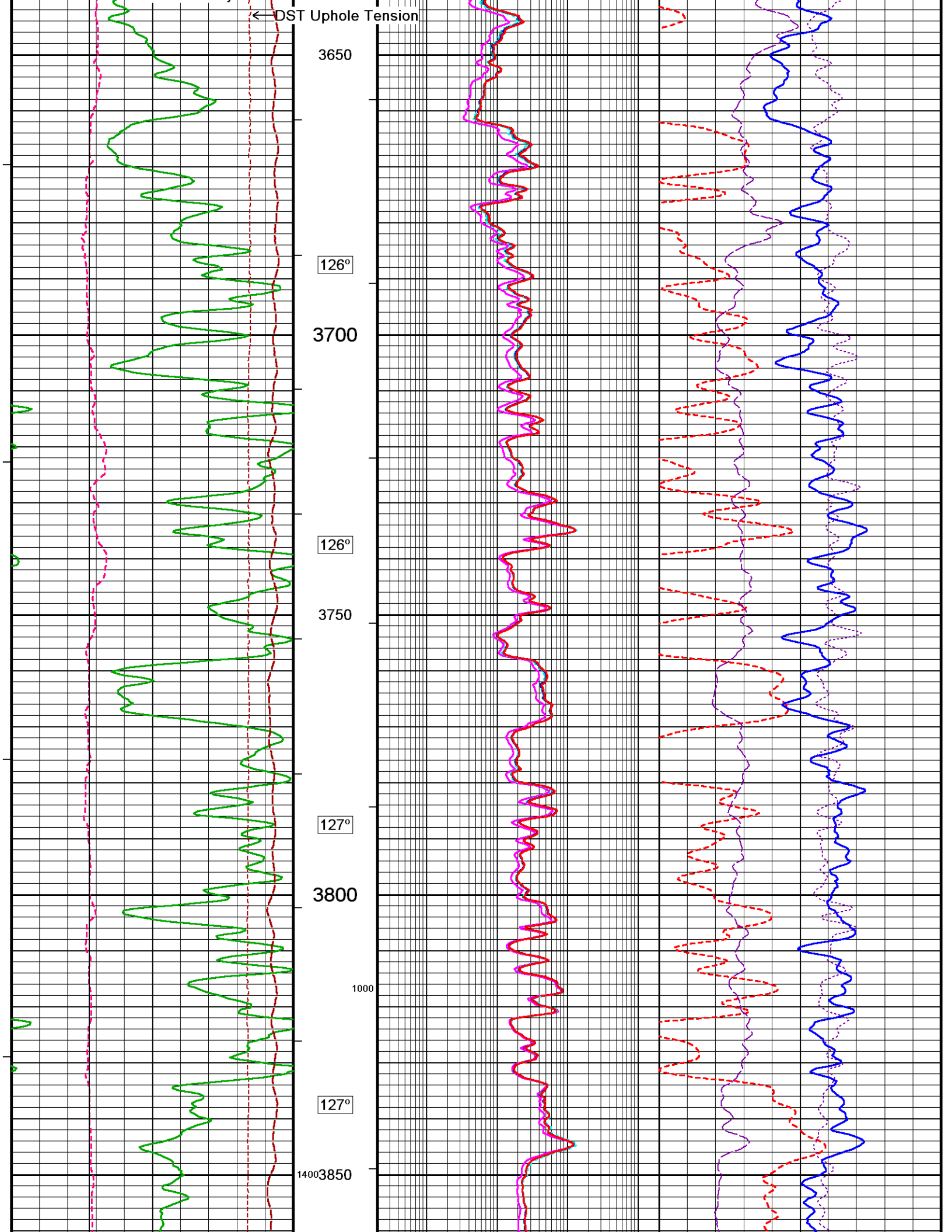
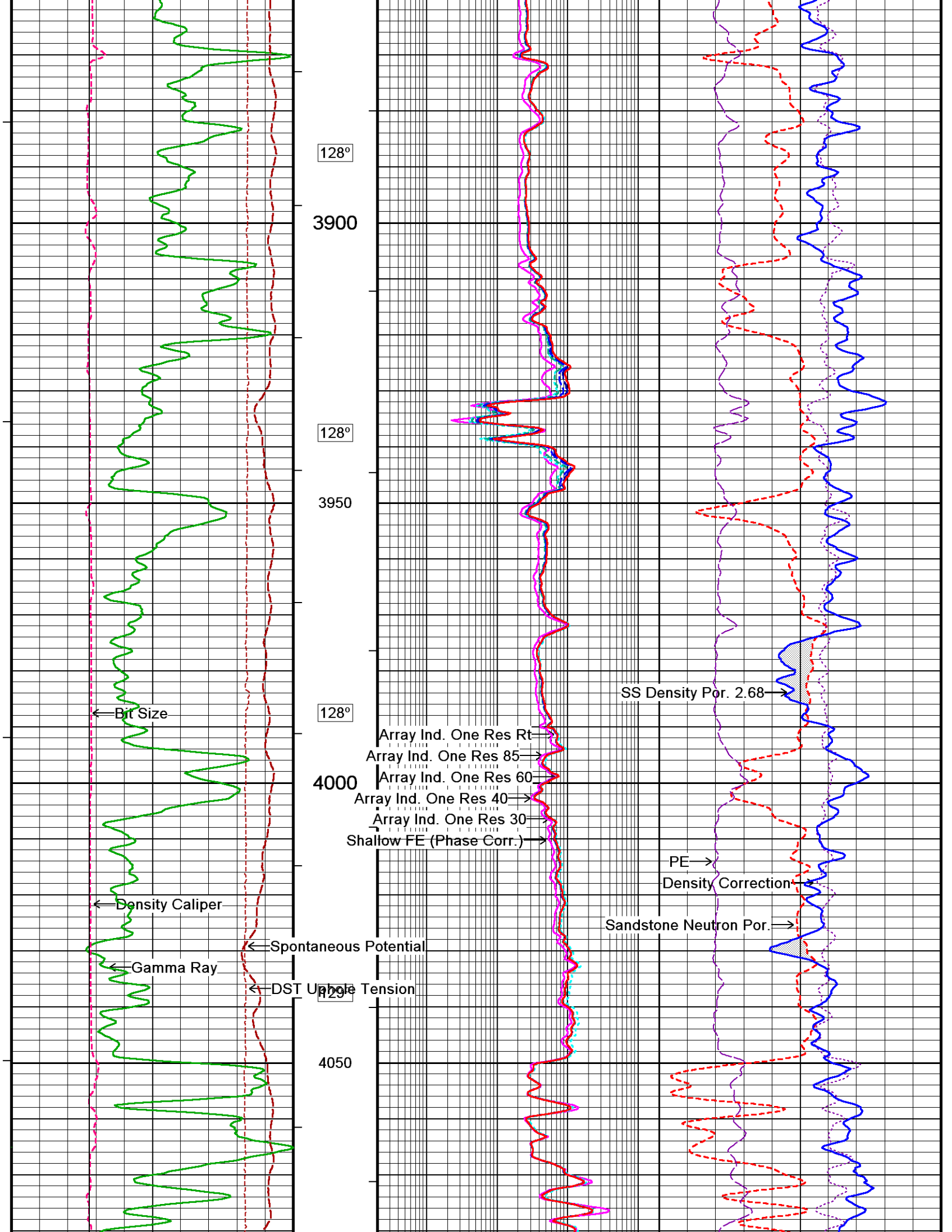
Array Ind. One Res 85
Array Ind. One Res 60
Array Ind. One Res 40
Array Ind. One Res 30
Shallow FE (Phase Corr.)
SS Density Por. 2.68
PE
Density Correction
117°
Density Caliper
Sandstone Neutron Por
Spontaneous Potential
2850
Gamma Ray
DST Uphole Tension
1300
117°
2900
1800
118°
2950

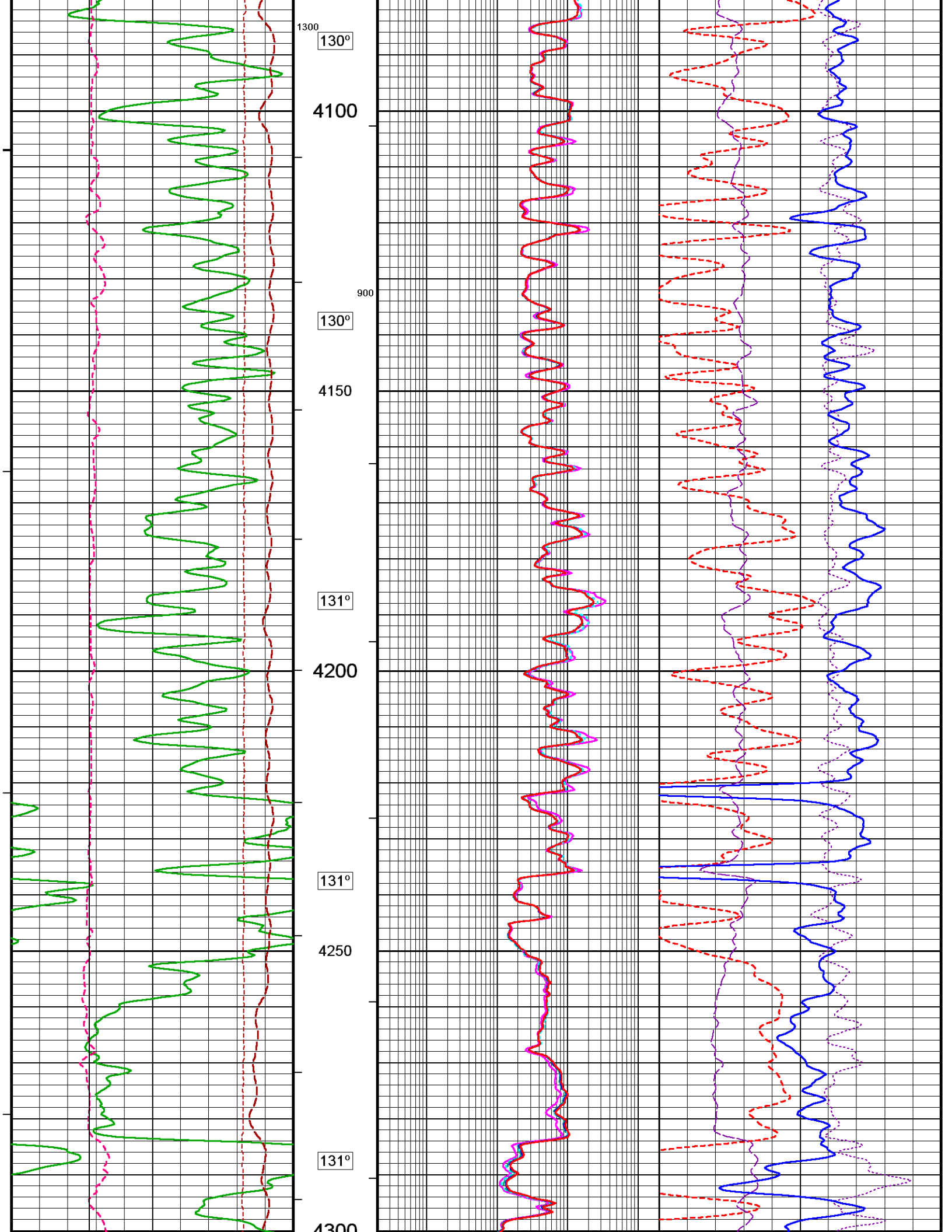

119°
3000
119°
3050
120°
3100
120°
1700
3150
1200
121°
3200
SS Density Por. 2.68

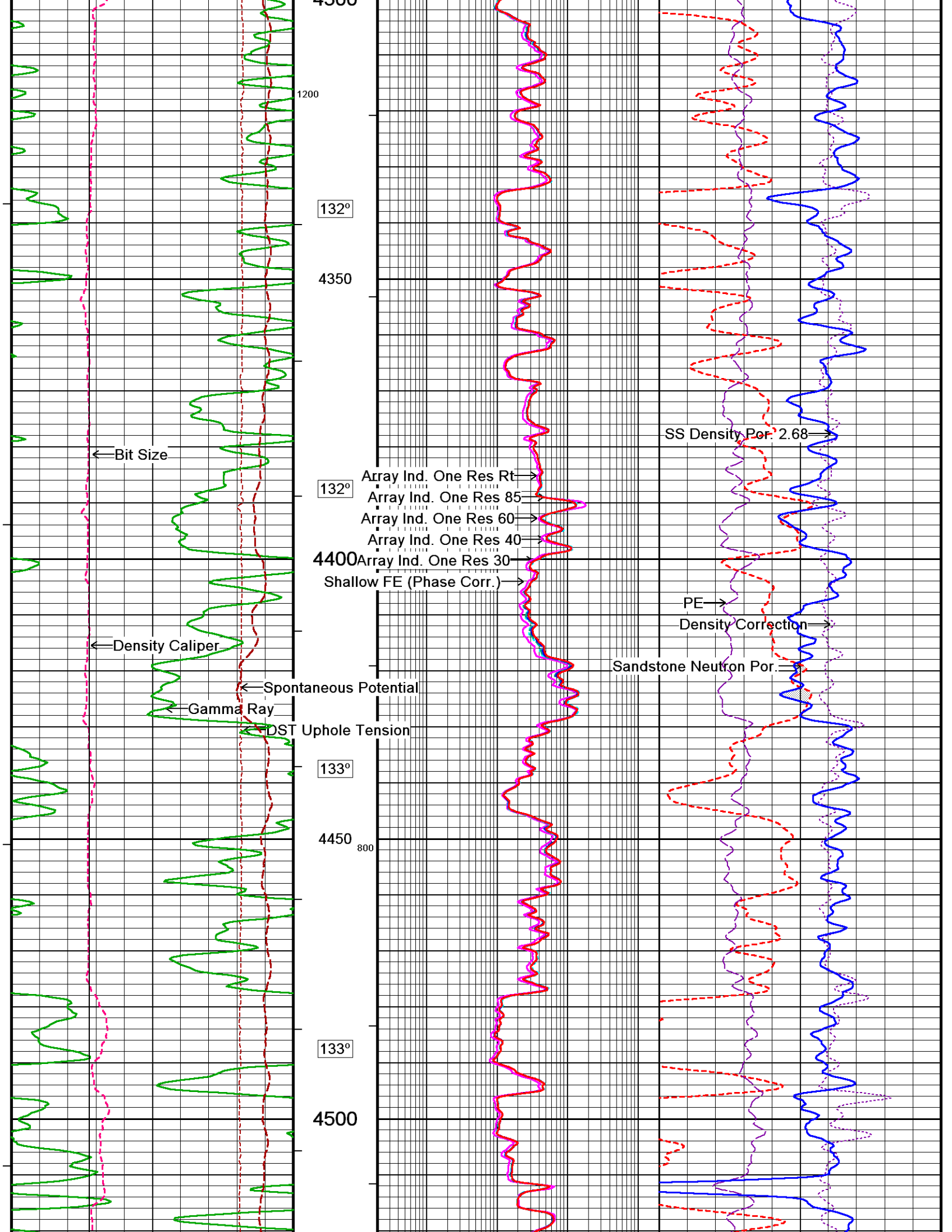

Bit Size
Array Ind. One Res Rt
Array Ind. One Res 85
Array Ind. One Res 60
Array Ind. One Res 40
Array Ind. One Res 30
Shallow FE (Phase Corr.)
PE
Density Correction
Density Caliper
121°
Sandstone Neutron Por.
Spontaneous Potential
Gamma Ray
DST Cable Tension
3250
122°
3300
122°
3350
1600
123°
3400

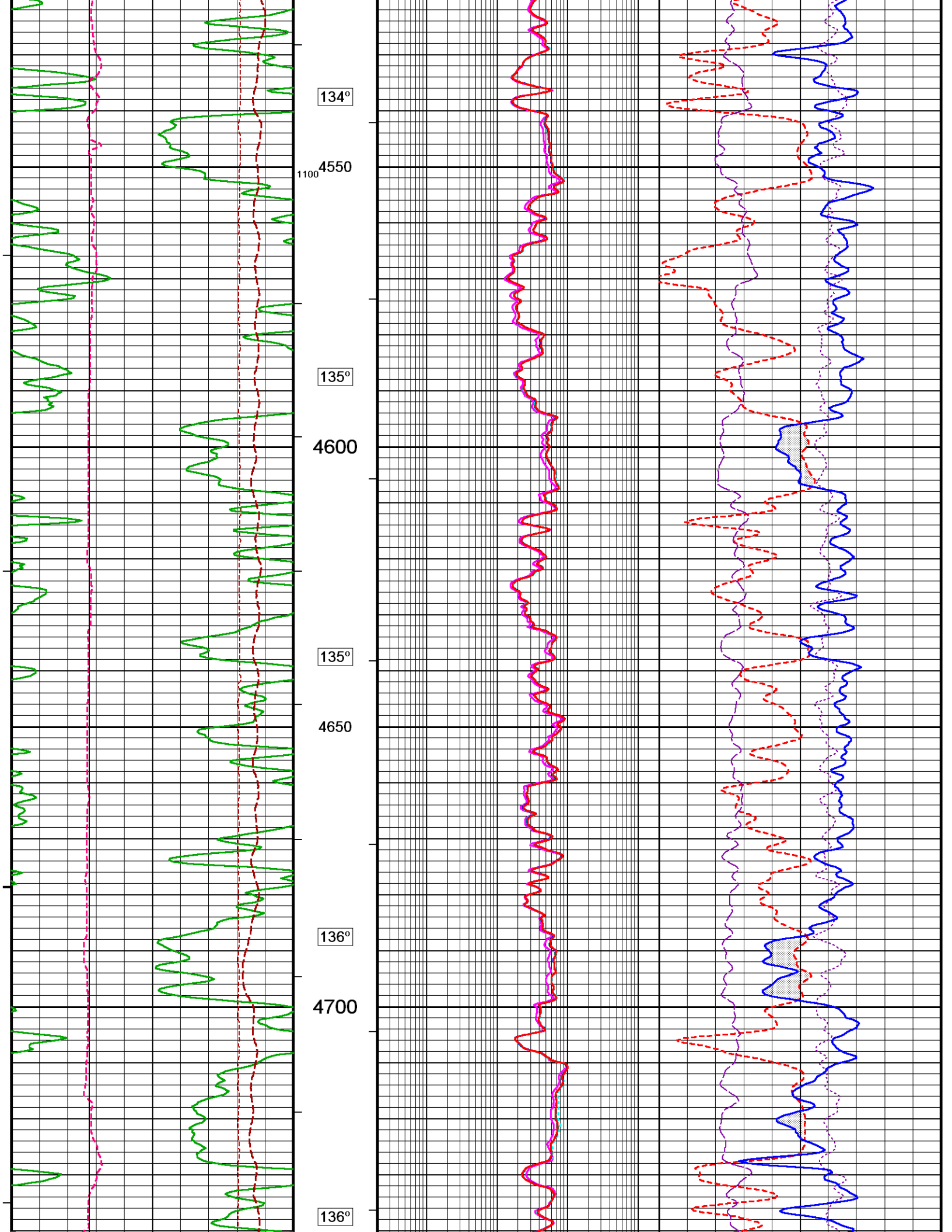

124°
3450
124°
3500
1100
125°
3550
125°
3600
1500
125°
←Bit Size
←Density Caliper
←Gamma Ray
Array Ind. One Res Rt→
Array Ind. One Res 85→
Array Ind. One Res 60→
Array Ind. One Res 40→
Array Ind. One Res 30→
Shallow FE (Phase Corr.)→
←Spontaneous Potential
SS Density Por. 2.68→
PE→
Density Correction→


←DST Uphole Tension
3650
126°
3700
126°
3750
127°
3800
1000
127°
1400
3850


128°
3900
128°
3950
128°
4000
129°
4050
Bit Size
Density Caliper
Spontaneous Potential
Gamma Ray
DST Uphole Tension
Array Ind. One Res Rt
Array Ind. One Res 85
Array Ind. One Res 60
Array Ind. One Res 40
Array Ind. One Res 30
Shallow FE (Phase Corr.)
SS Density Por. 2.68
PE
Density Correction
Sandstone Neutron Por.


1300
130°
4100
900
130°
4150
131°
4200
131°
4250
131°
4300


4300
1200
132°
4350
Bit Size
SS Density Por. 2.68
132°
Array Ind. One Res Rt
Array Ind. One Res 85
Array Ind. One Res 60
Array Ind. One Res 40
4400
Array Ind. One Res 30
Shallow FE (Phase Corr.)
PE
Density Correction
Density Caliper
Sandstone Neutron Por.
Spontaneous Potential
Gamma Ray
DST Uphole Tension
133°
4450
800
133°
4500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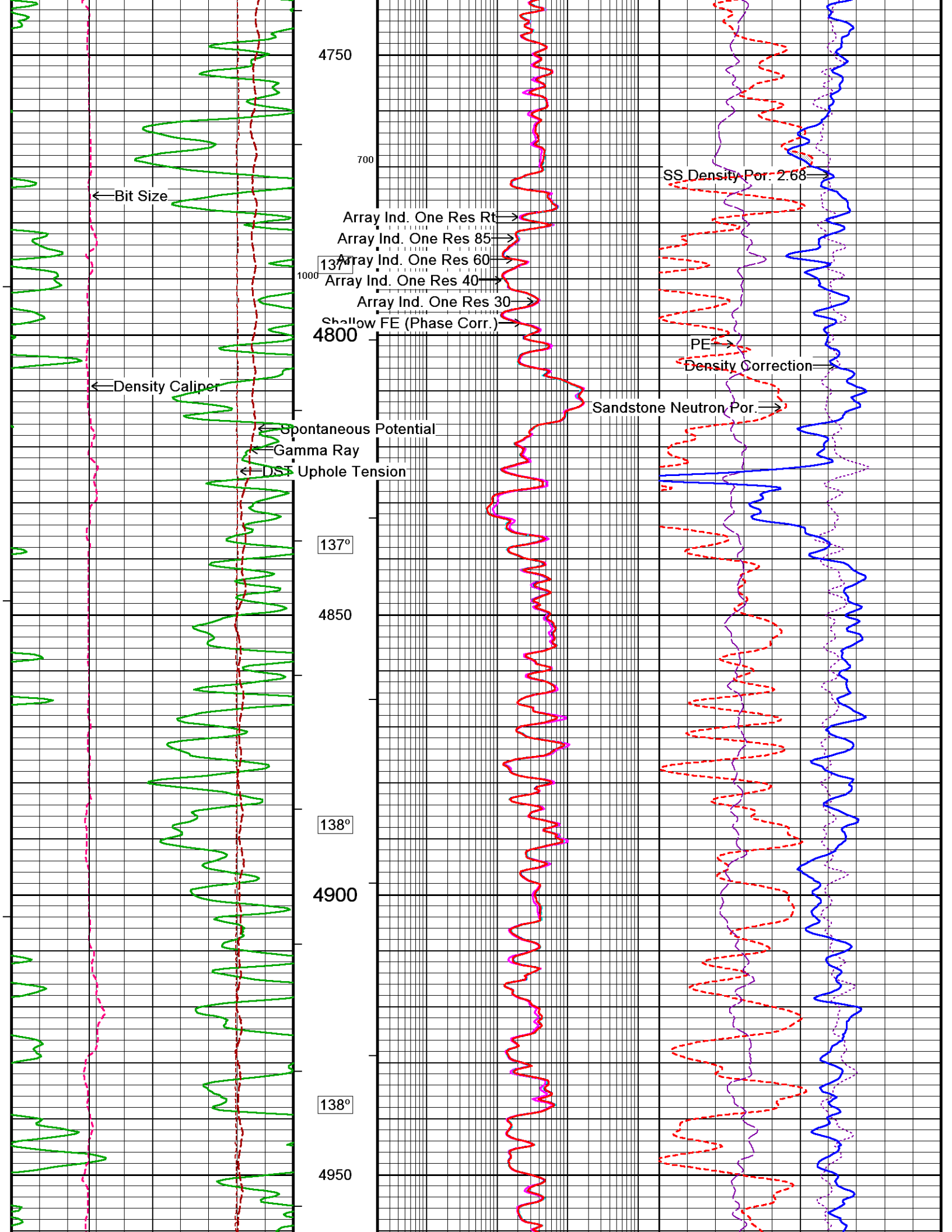
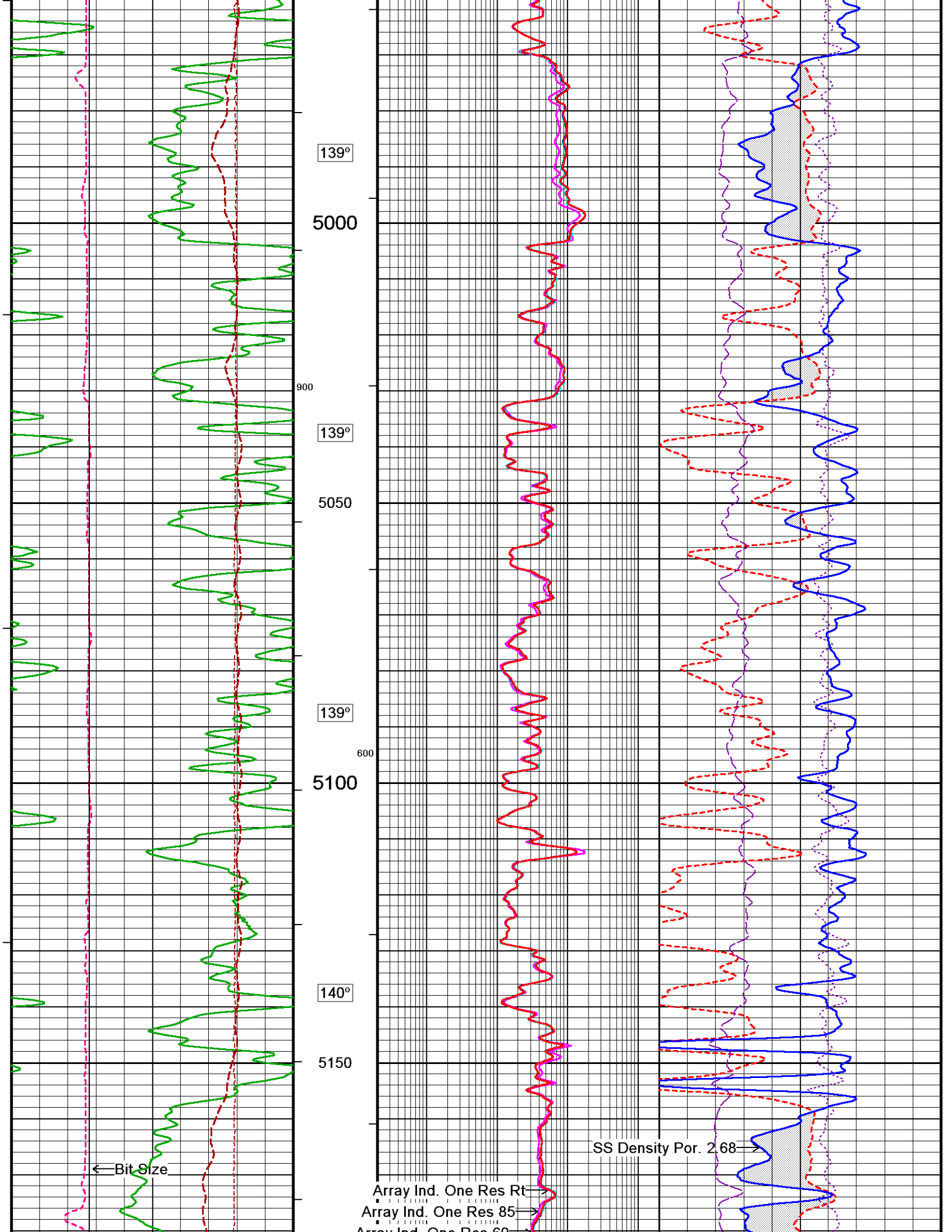
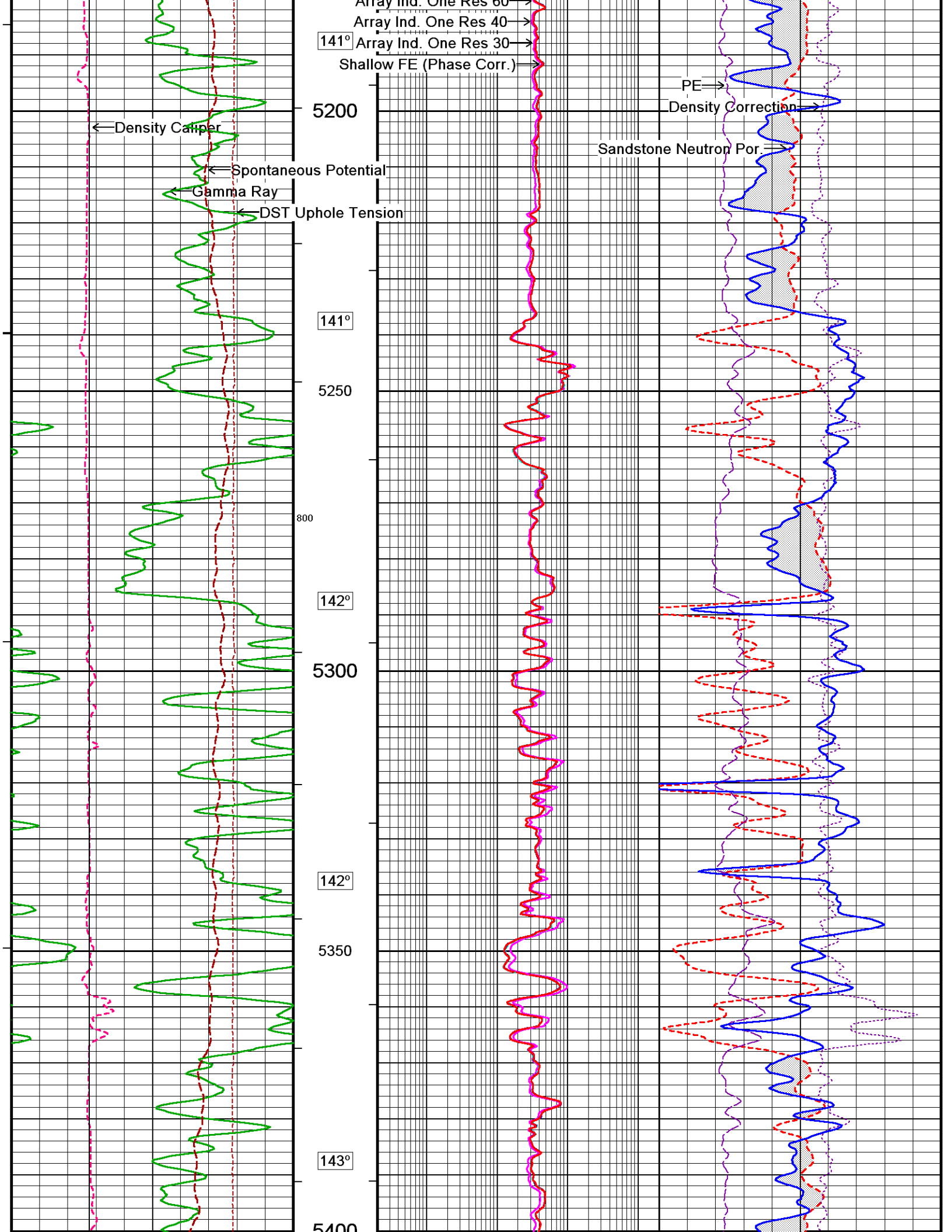
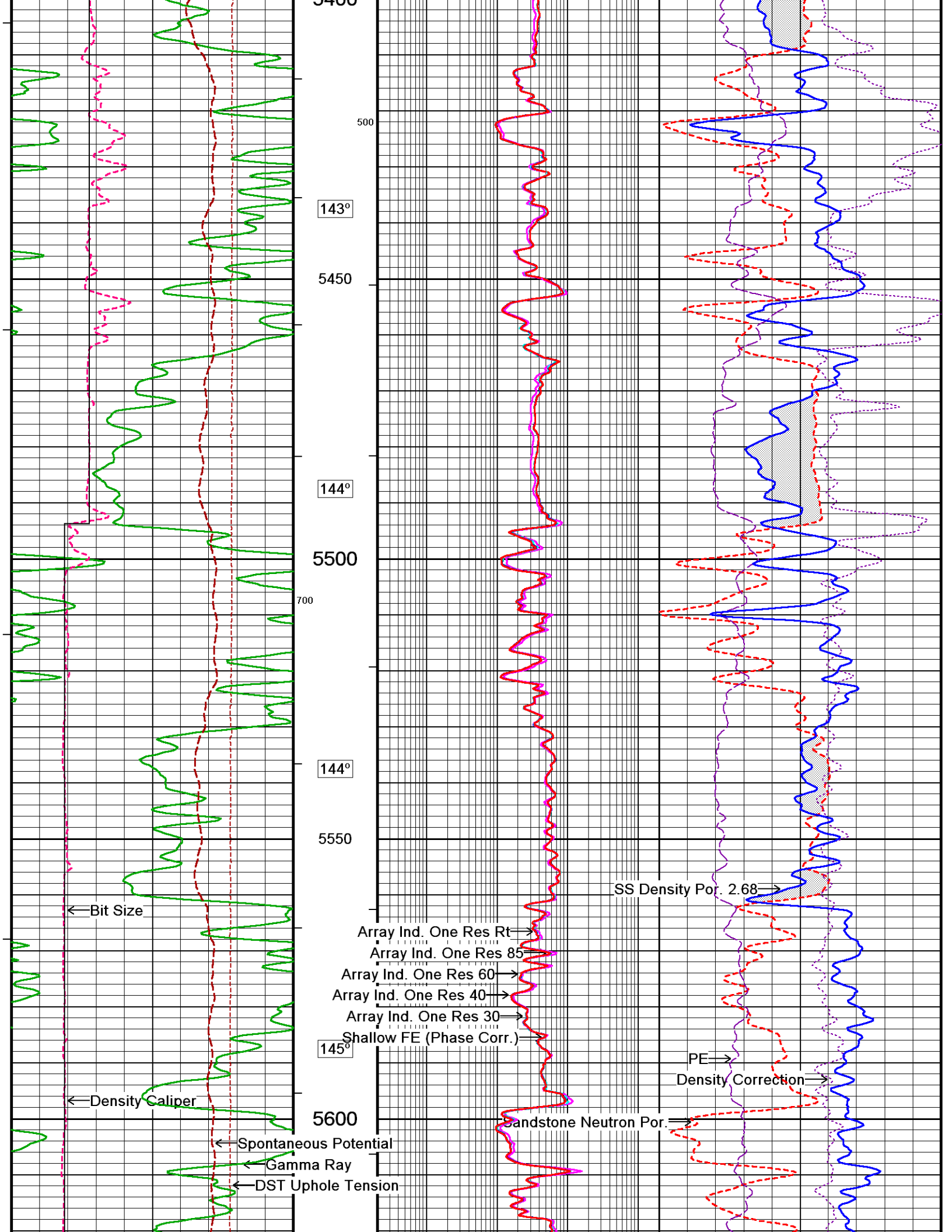
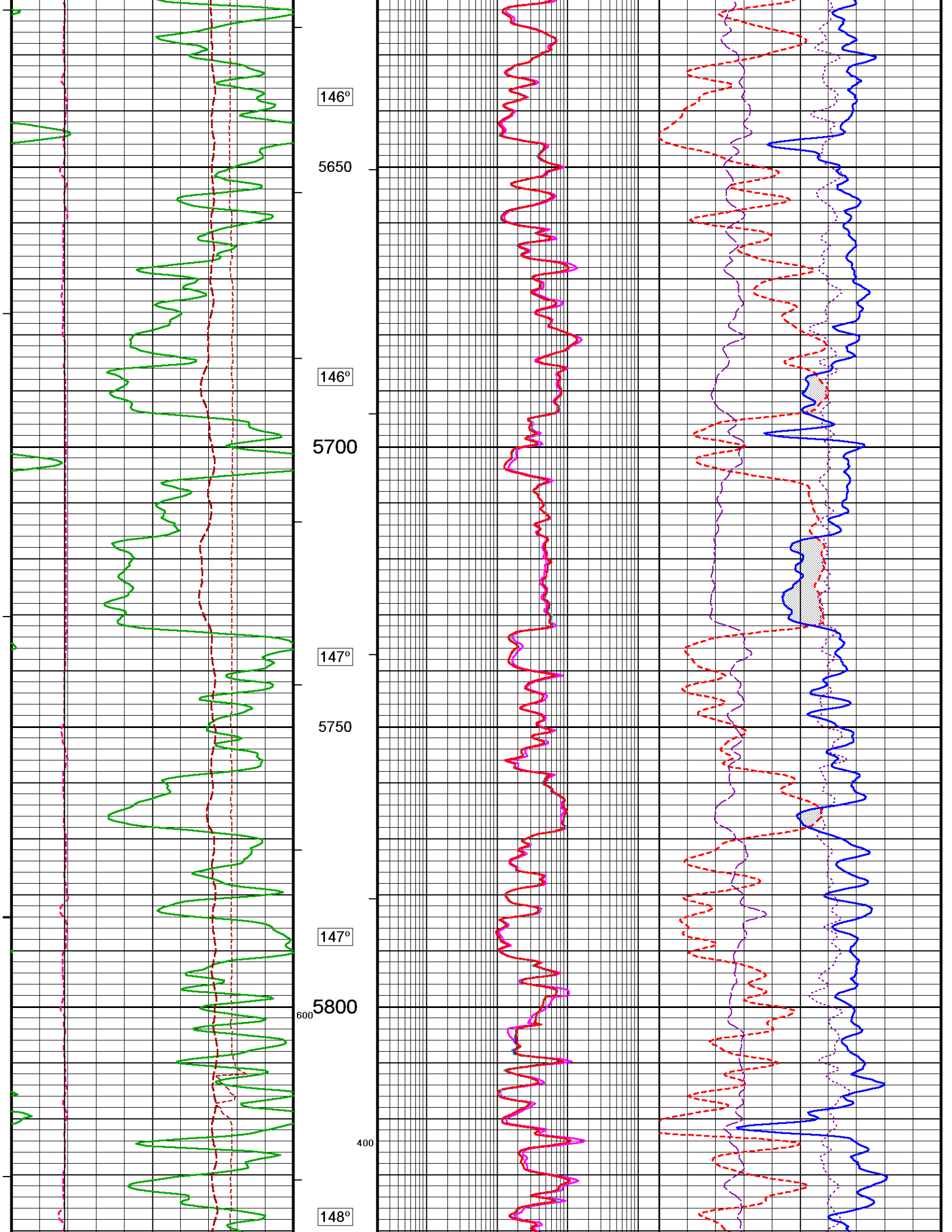
1100
4550
135°
4600
135°
4650
136°
4700
136°

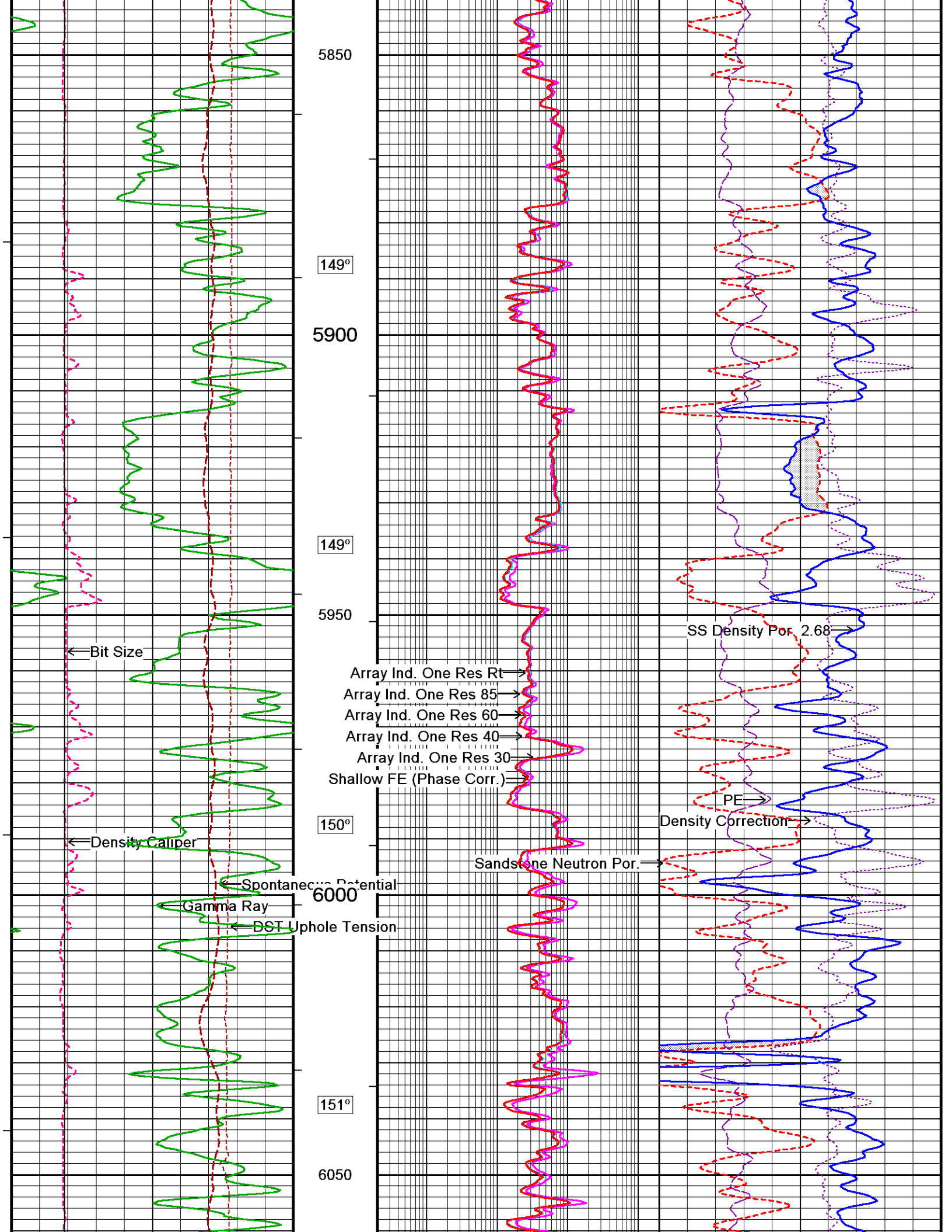

4750
700
SS Density Por. 2.68
Bit Size
Array Ind. One Res Rt
Array Ind. One Res 85
Array Ind. One Res 60
137°
1000
Array Ind. One Res 40
Array Ind. One Res 30
Shallow FE (Phase Corr.)
4800
PE
Density Correction
Density Caliper
Sandstone Neutron Por.
Spontaneous Potential
Gamma Ray
DST Uphole Tension
137°
4850
138°
4900
138°
4950

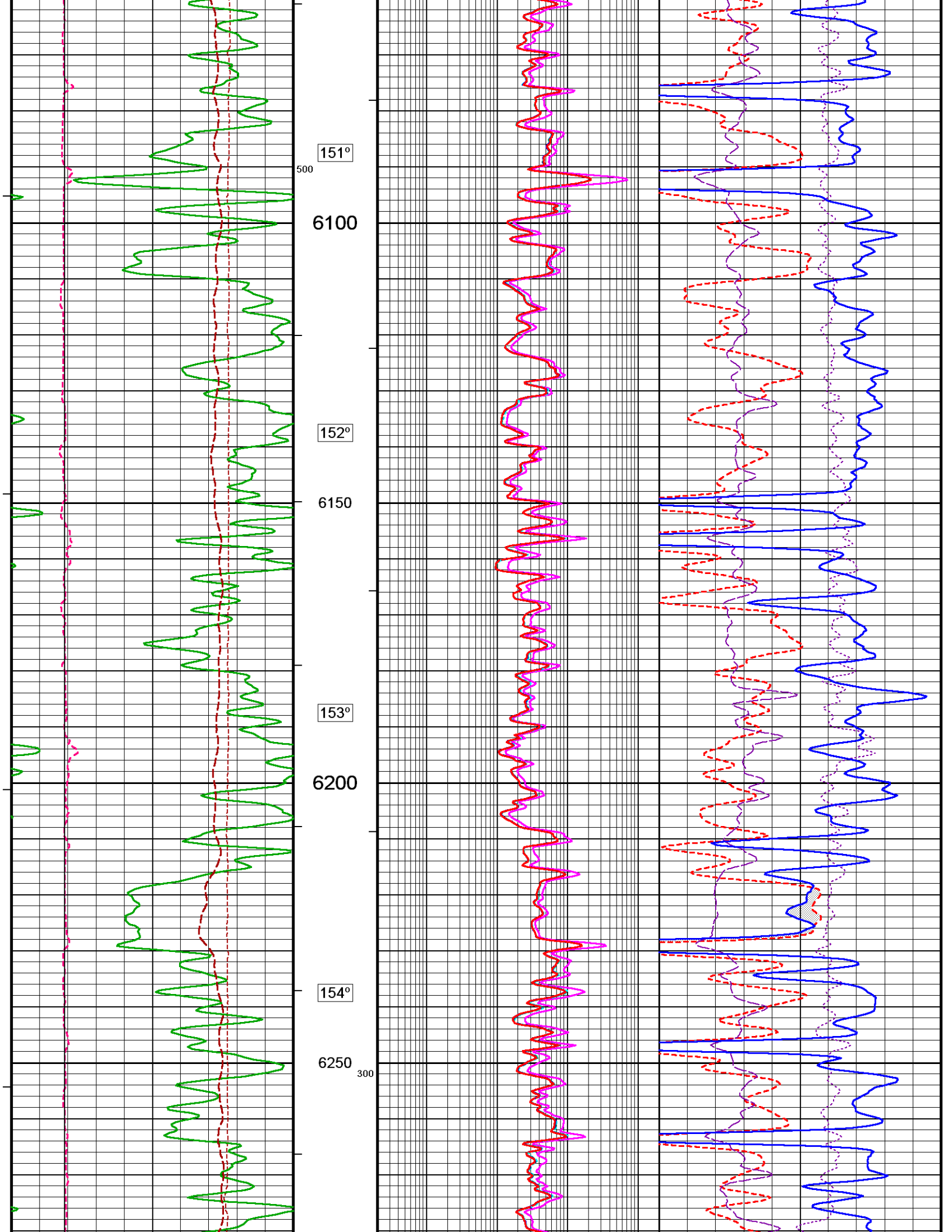

139°
5000
900
139°
5050
139°
600
5100
140°
5150
←Bit Size
Array Ind. One Res Rt→
Array Ind. One Res 85→
SS Density Por. 2.68→

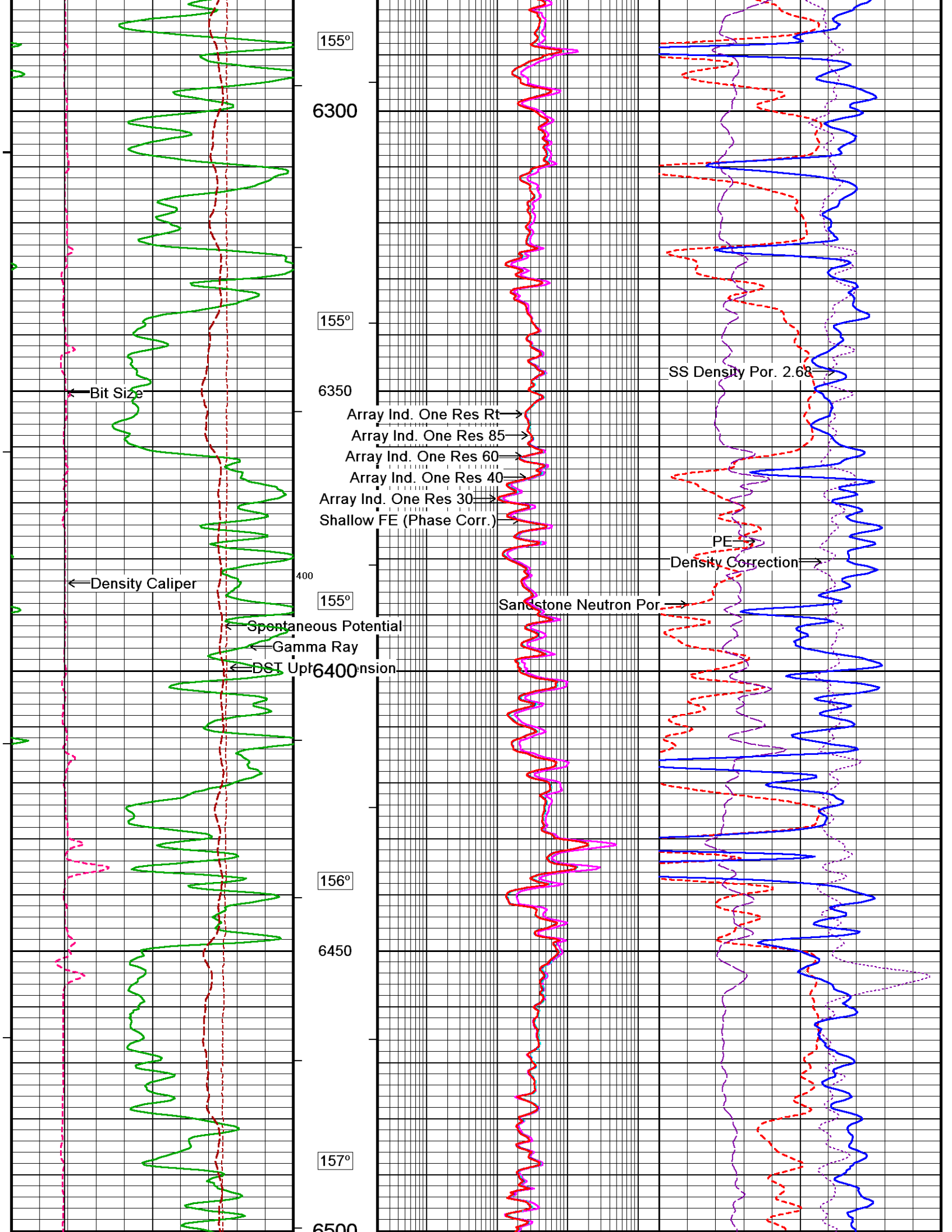

Array Ind. One Res 60
Array Ind. One Res 40
141°
Array Ind. One Res 30
Shallow FE (Phase Corr.)
PE
Density Correction
5200
Density Caliper
Sandstone Neutron Por.
Spontaneous Potential
Gamma Ray
DST Uphole Tension
141°
5250
800
142°
5300
142°
5350
143°
5400


5400
500
143°
5450
144°
5500
700
144°
5550
145°
5600
Bit Size
Density Caliper
Spontaneous Potential
Gamma Ray
DST Uphole Tension
Array Ind. One Res Rt
Array Ind. One Res 85
Array Ind. One Res 60
Array Ind. One Res 40
Array Ind. One Res 30
Shallow FE (Phase Corr.)
SS Density Por. 2.68
PE
Density Correction
Sandstone Neutron Por.


146°
5650
146°
5700
147°
5750
147°
600
5800
400
148°


5850
149°
5900
149°
5950
Bit Size
Array Ind. One Res Rt
Array Ind. One Res 85
Array Ind. One Res 60
Array Ind. One Res 40
Array Ind. One Res 30
Shallow FE (Phase Corr.)
SS Density Por. 2.68
PE
Density Correction
150°
Density Caliper
Sandstone Neutron Por.
Spontaneous Potential
6000
Gamma Ray
DST Uphole Tension
151°
6050


151°
500
6100
152°
6150
153°
6200
154°
6250
300


155°
6300
155°
6350
Bit Size
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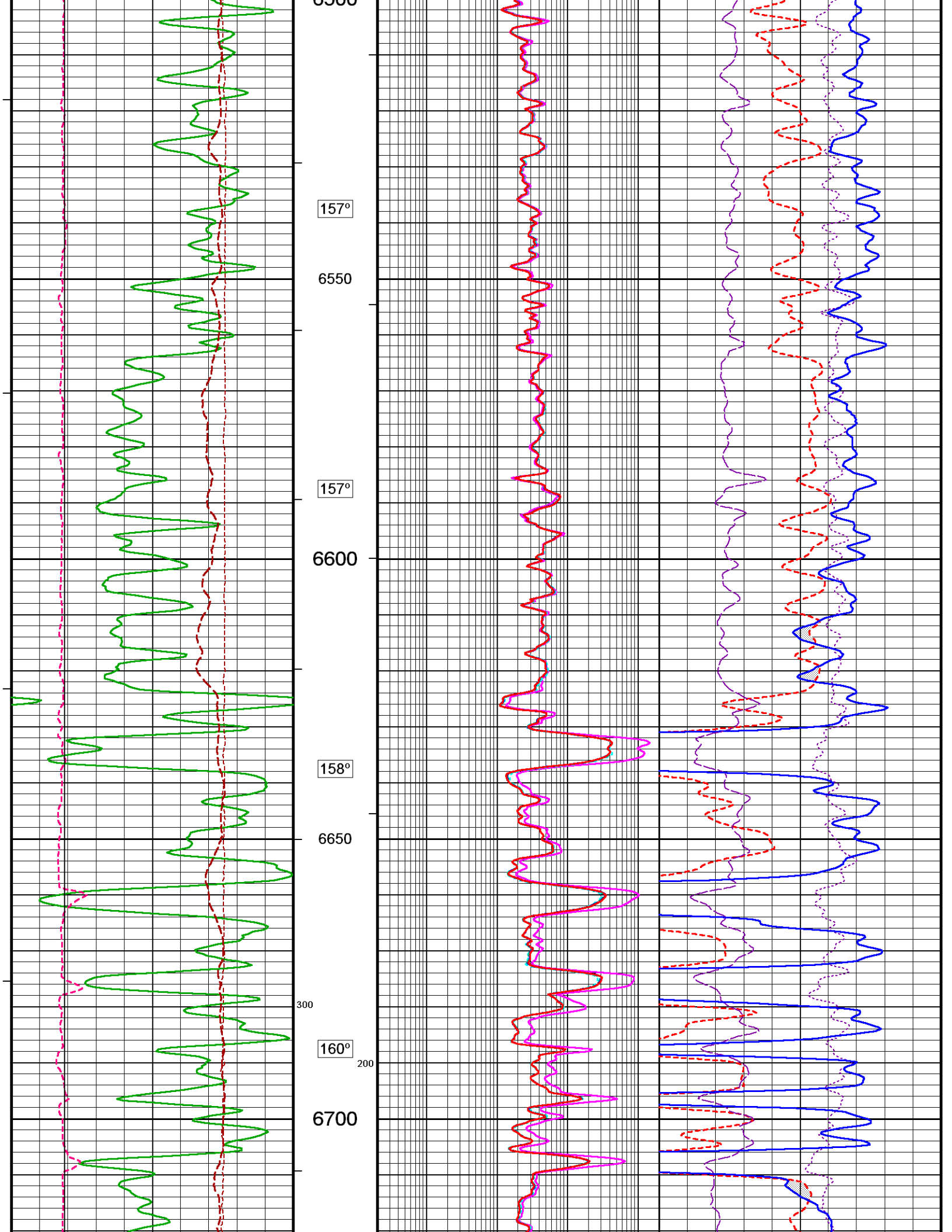
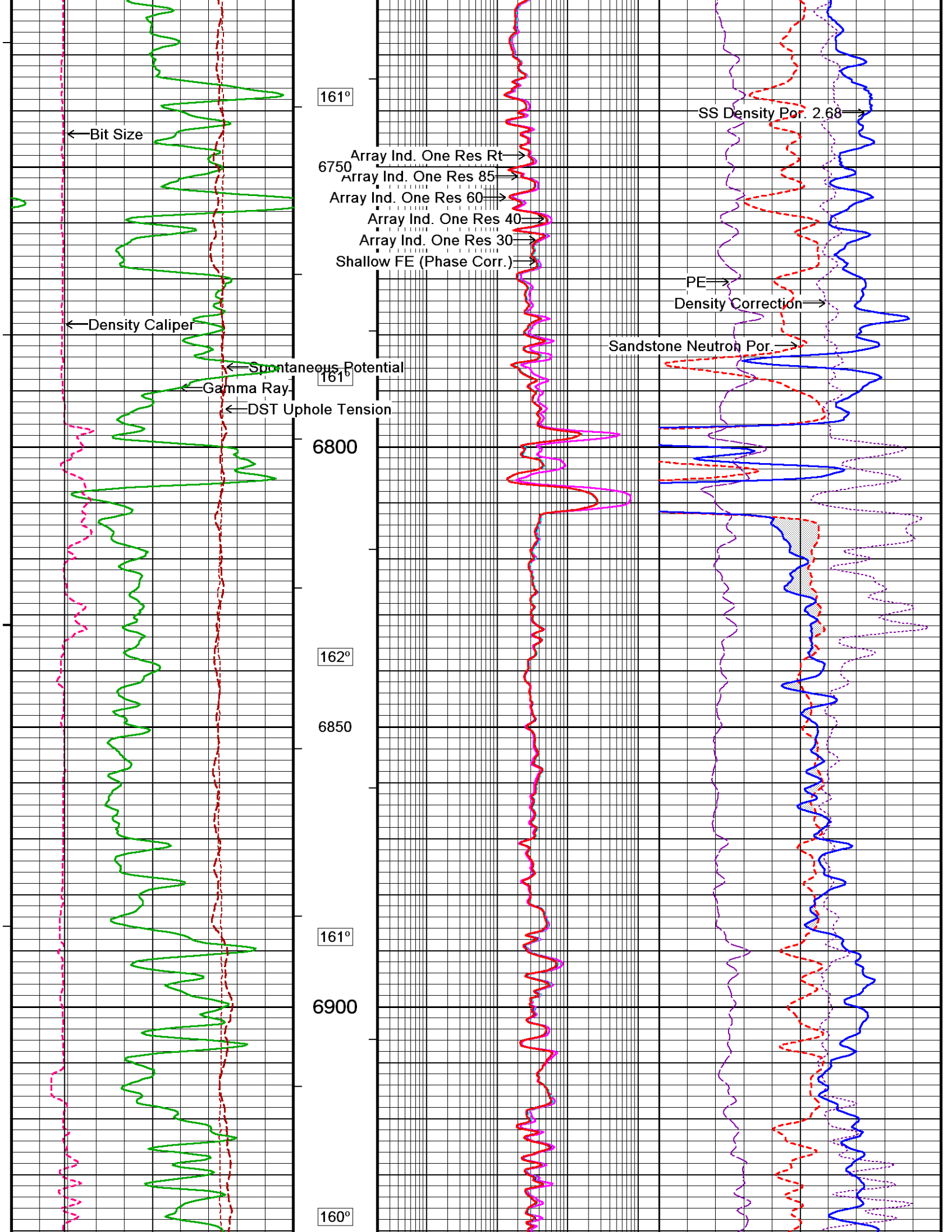
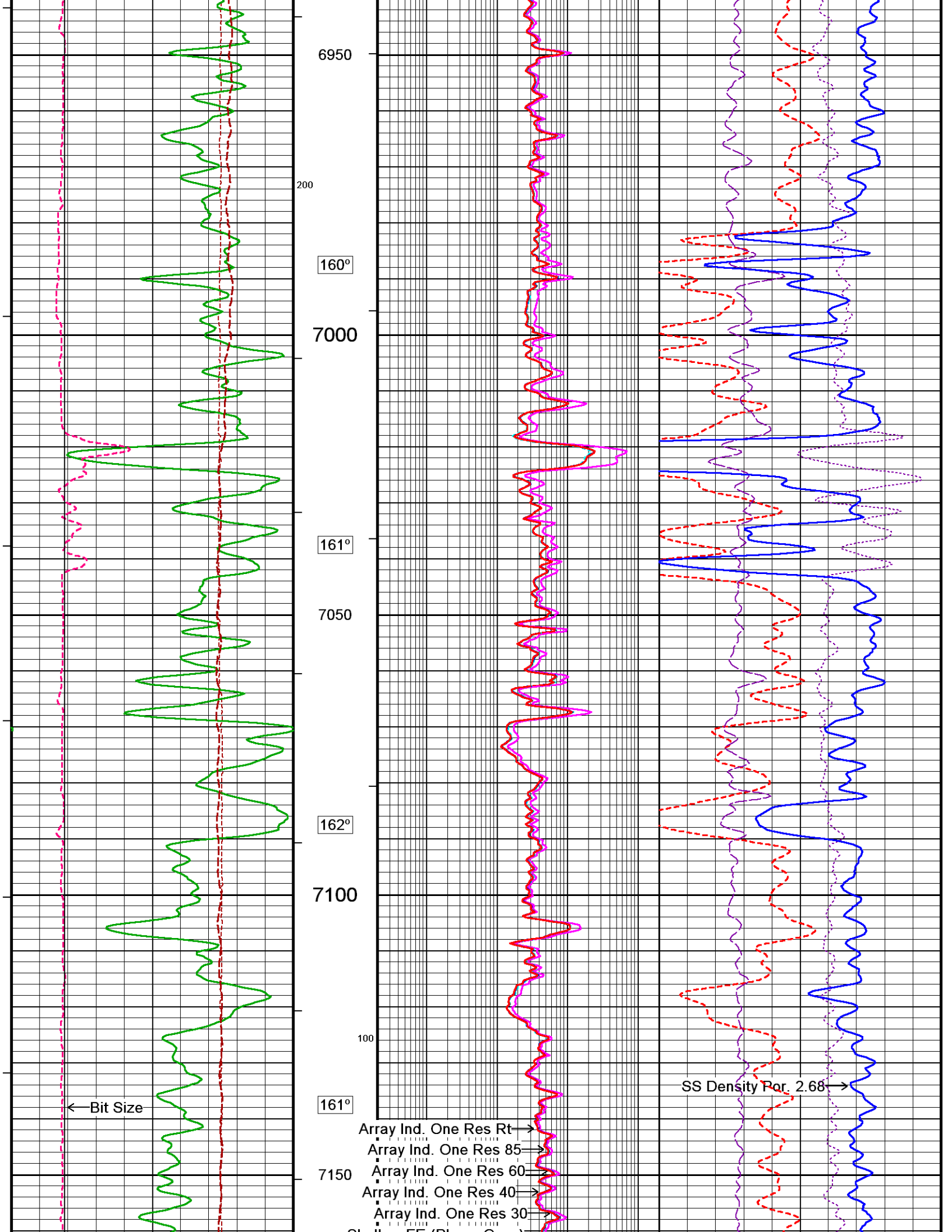
Array Ind. One Res 85
Array Ind. One Res 60
Array Ind. One Res 40
Array Ind. One Res 30
Shallow FE (Phase Corr.)
SS Density Por. 2.68
PE
Density Correction
Density Caliper
400
155°
Sandstone Neutron Por
Spontaneous Potential
Gamma Ray
DST Upper Extension
6400
156°
6450
157°
6500


157°
6550
157°
6600
158°
6650
300
160°
200
6700


Bit Size
Density Caliper
Spontaneous Potential
Gamma Ray
DST Uphole Tension
161°
6750
Array Ind. One Res Rt
Array Ind. One Res 85
Array Ind. One Res 60
Array Ind. One Res 40
Array Ind. One Res 30
Shallow FE (Phase Corr.)
161°
6800
162°
6850
161°
6900
160°
SS Density Por. 2.68
PE
Density Correction
Sandstone Neutron Por.


6950
200
160°
7000
161°
7050
162°
7100
100
161°
7150
← Bit Size
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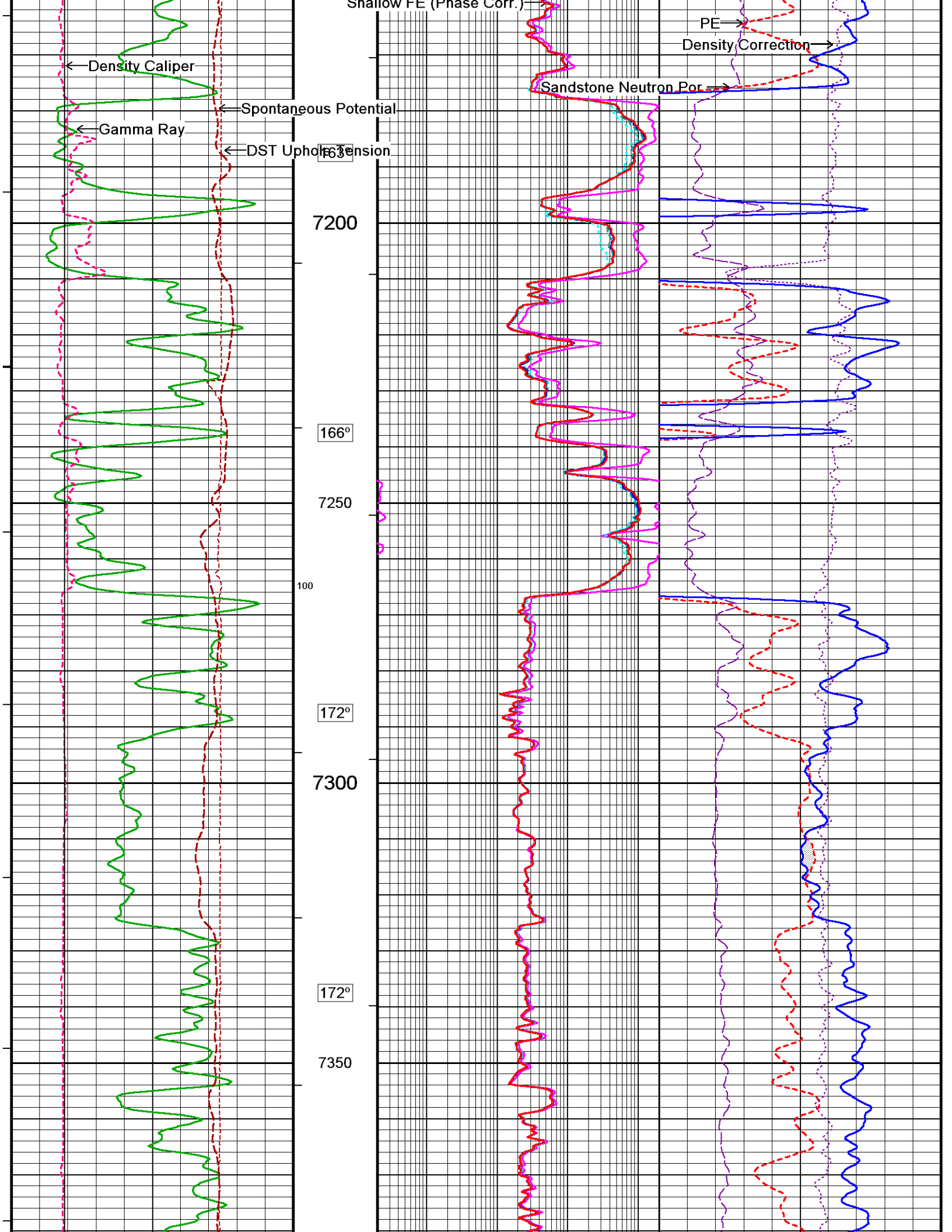
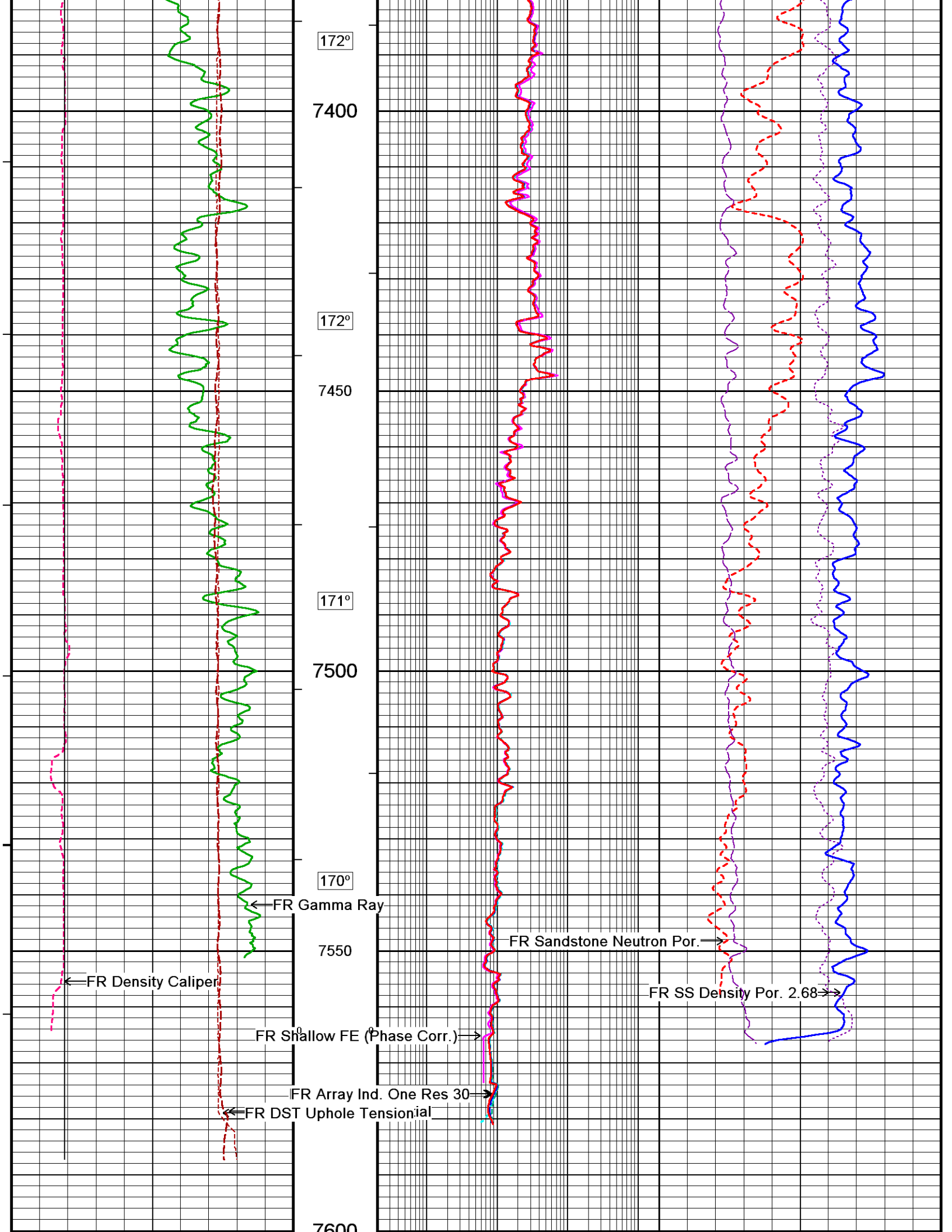
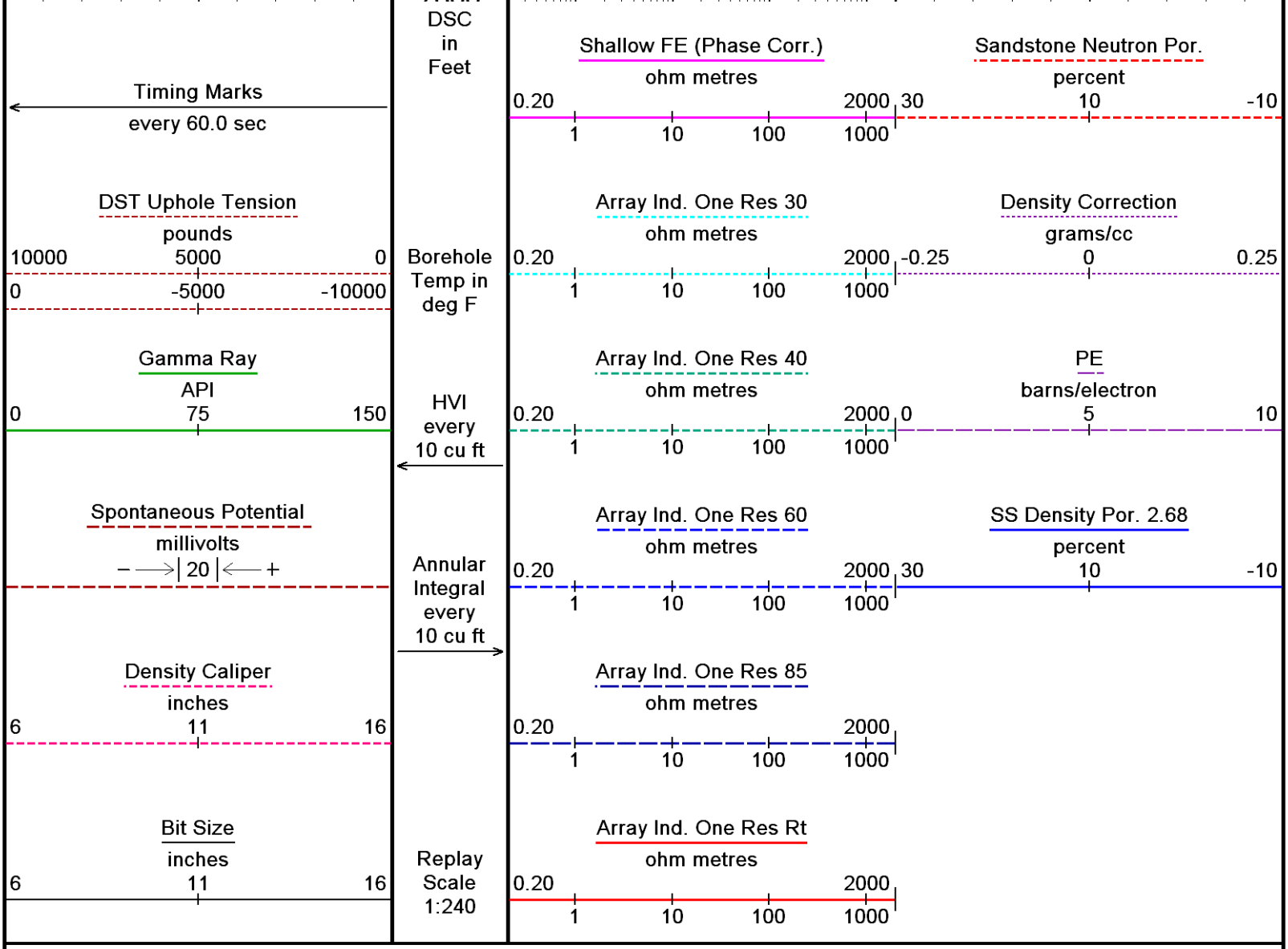
Array Ind. One Res 85 →
Array Ind. One Res 60 →
Array Ind. One Res 40 →
Array Ind. One Res 30 →
SS Density Por. 2.68 →


Shallow FE (Phase Corr.)
PE
Density Correction
Sandstone Neutron Por
Density Caliper
Spontaneous Potential
Gamma Ray
DST Uphole Tension
163°
7200
166°
7250
100
172°
7300
172°
7350


172°
7400
172°
7450
171°
7500
170°
FR Gamma Ray
7550
FR Density Caliper
FR Sandstone Neutron Por.
FR SS Density Por. 2.68
FR Shallow FE (Phase Corr.)
FR Array Ind. One Res 30
FR DST Uphole Tension
7600

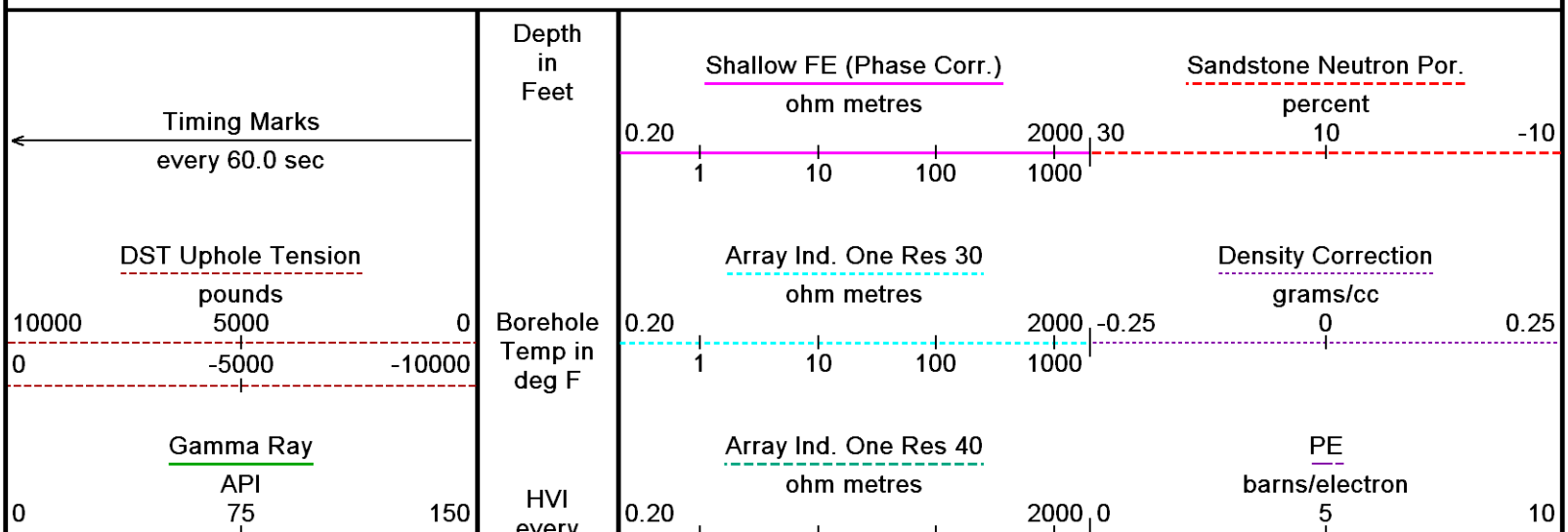


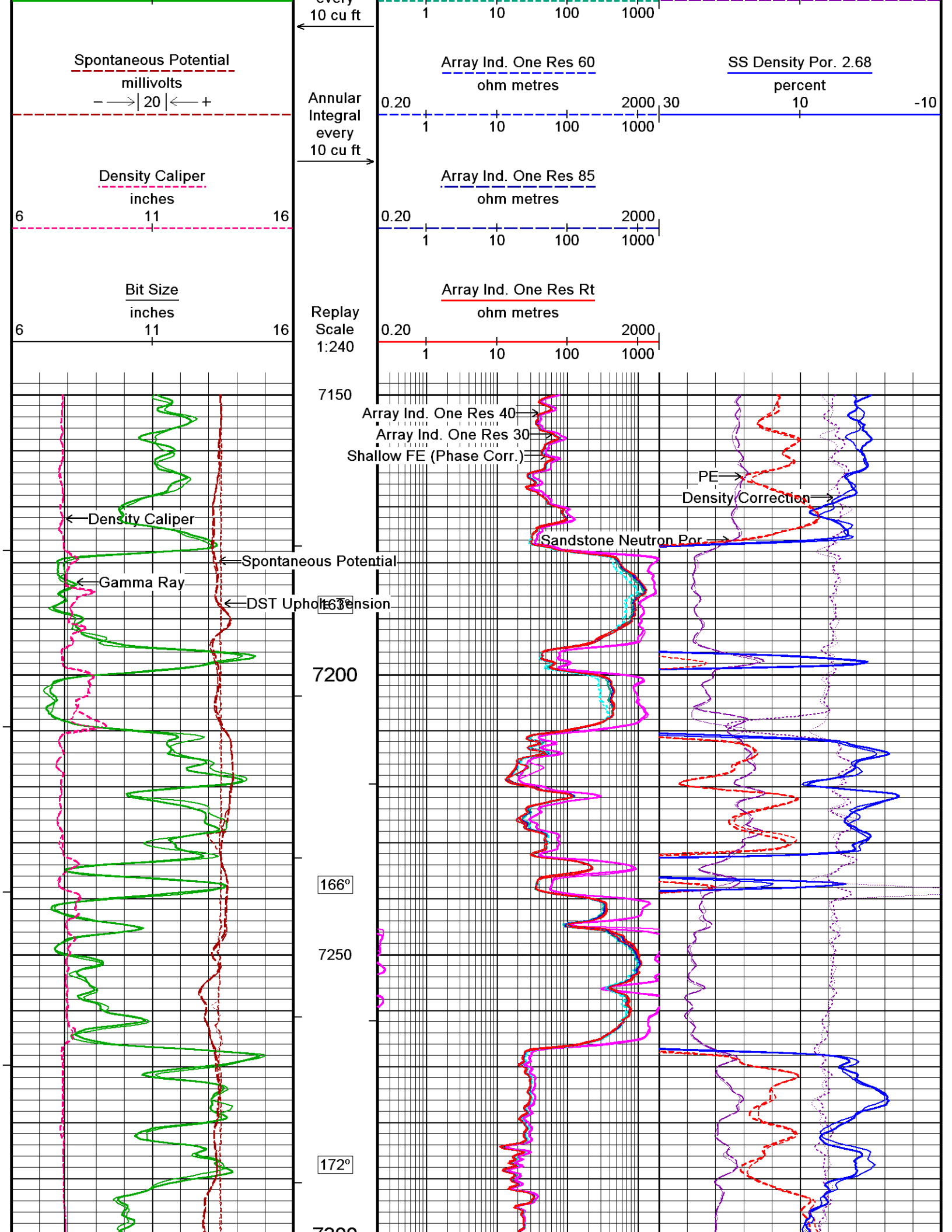
Depth Based Data - Maximum Sampling Increment 10.0cm — Plotted on 08-MAR-2011 09:02
Filename: C:\DOCUME~1\rodgerbx\LOCALS~1\Temp\We...\Bill Barrett GGU Fed 31D-29-691_005.dta — Recorded on 06-MAR-2011 10:15
System Versions: Logged with 11.01.2198 Plotted with 11.02.2164

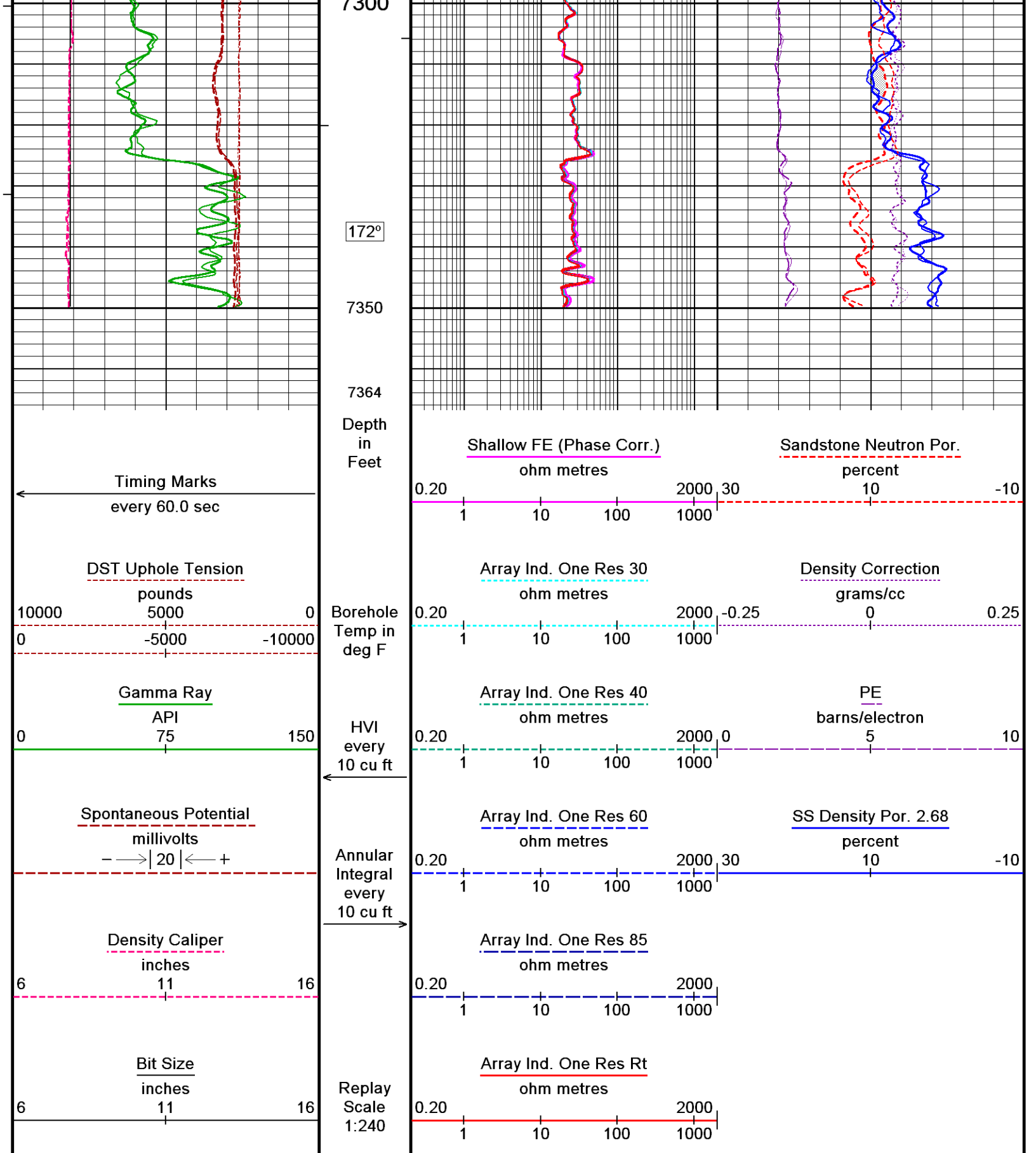
5 INCH MAIN LOG

OVERLAY

Depth Based Data - Maximum Sampling Increment 10.0cm — Plotted on 08-MAR-2011 09:02
Filename: C:\DOCUME~1\rodgerbx\LOCALS~1\Temp\We...\Bill Barrett GGU Fed 31D-29-691_005.dta — Recorded on 06-MAR-2011 10:15
Filename: C:\DOCUME~1\rodgerbx\LOCALS~1\Temp\We...\Bill Barrett GGU Fed 31D-29-691_004.dta — Recorded on 06-MAR-2011 09:58
System Versions: Logged with 11.01.2198 Plotted with 11.02.2164




every
10 cu ft
1
10
100
1000
Spontaneous Potential
millivolts
– 20 +
Annular
Integral
every
10 cu ft
Array Ind. One Res 60
ohm metres
0.20
2000
1
10
100
1000
SS Density Por. 2.68
percent
30
10
-10
Density Caliper
inches
6
11
16
Array Ind. One Res 85
ohm metres
0.20
2000
1
10
100
1000
Bit Size
inches
6
11
16
Replay
Scale
1:240
Array Ind. One Res Rt
ohm metres
0.20
2000
1
10
100
1000
7150
Array Ind. One Res 40
Array Ind. One Res 30
Shallow FE (Phase Corr.)
PE
Density Correction
Sandstone Neutron Por
Density Caliper
Spontaneous Potential
Gamma Ray
DST Uphole Tension
163°
7200
166°
7250
172°



Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 08-MAR-2011 09:02
Filename: C:\DOCUME~1\rodgerbx\LOCALS~1\Temp\We...\Bill Barrett GGU Fed 31D-29-691_005.dta
Recorded on 06-MAR-2011 10:15
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Recorded on 06-MAR-2011 09:58
System Versions: Logged with 11.01.2198 Plotted with 11.02.2164

OVERLAY

BEFORE SURVEY CALIBRATION

C:\DOCUME~1\rodgerbx\LOCALS~1\Temp\Weatherford PreView\1\Bill Barrett GGU Fed 31D-29-691_005.dta

General Constants All 000

Last Edited on 06-MAR-2011,07:49

General Parameters		
Mud Resistivity	4.870	ohm-metres
Mud Resistivity Temperature	48.000	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. Two Res Rt	
RWA Constant A	0.610	
RWA Constant M	2.150	

Down-hole Tension Calibration SMS 0

Field Calibration on 06-MAR-2011 08:44

Reading No	Measured	Calibrated (lbs)
1	16846.16	0.00
2	17724.22	400.00

High Resolution Temperature Calibration MCG-C 115

Field Calibration on 18-NOV-2010 14:48

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

High Resolution Temperature Constants MCG-C 115

Last Edited on

Pre-filter Length	11

SP Calibration MCG-C 115

Field Calibration on 22-FEB-2011 15:37

	Measured	Calibrated (mV)
Reference 1	100.9	100.1
Reference 2	-99.3	-100.1

Gamma Calibration MCG-C 115

Field Calibration on 05-MAR-2011 16:22

	Measured	Calibrated (API)
Background	66	44
Calibrator (Gross)	847	563
Calibrator (Net)	780	519

Gamma Constants MCG-C 115

Last Edited on 06-MAR-2011,07:46

Gamma Calibrator Number	GRCC-119	
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.J 372

Base Calibration on 22-FEB-2011 15:39
Field Check on 05-MAR-2011 16:28

Base Calibration

	Measured		Calibrated (cps)	
	Near	Far	Near	Far
	2869	88	3714	110
Ratio	32.673		33.764	

Field Calibrator at Base

	Calibrated (cps)	
	2487	3591
Ratio	0.693	

Field Check

	Calibrated (cps)	
	3241	3435

	2341	3435
Ratio		0.682

Neutron Constants MDN-B.J 372

Last Edited on 06-MAR-2011,07:45

Neutron Source Id	P31115B	
Neutron Jig Number	NJ5299	
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	

FE Calibration MFE-B.J 310

Base Calibration on 05-MAR-2011 16:47
Field Check on 05-MAR-2011 16:51

Base Calibration

	Measured	Calibrated (ohm-m)
Reference 1	0.0	0.0
Reference 2	987.2	126.8
Base Check		273.8
Field Check		273.9

FE Constants MFE-B.J 310

Last Edited on 06-MAR-2011,07:44

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	Constant Value	
Temp. for Rm Corr.	N/A	
Stand-off	1.0	inches

High Resolution Temperature Calibration MAI-B.A 268

Field Calibration on 24-OCT-2010,03:50

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

High Resolution Temperature Constants MAI-B.A 268

Last Edited on

Pre-filter Length	11

Induction Calibration MAI-B.A 268

Base Calibration on 22-FEB-2011,14:55
Field Check on 05-MAR-2011 16:56

Base Calibration

Test Loop Calibration

Channel	Measured Low	Measured High	Calibrated (mmho/m) Low	Calibrated (mmho/m) High
1	17.2	459.3	9.3	966.2
2	6.5	375.4	7.6	821.4
3	3.7	255.1	5.2	566.0
4	2.2	131.8	2.6	279.2

Array Temperature 74.3 Deg F

Channel	Base Check (mmho/m) Low	Base Check (mmho/m) High	Field Check (mmho/m) Low	Field Check (mmho/m) High
1	0.0	0.0	12.3	3925.6
2	0.0	0.0	29.4	3564.8
3	0.0	0.0	28.4	3079.5
4	0.0	0.0	19.2	2083.7
Deep	0.0	0.0	17.5	2012.3

Medium	0.0	0.0	41.7	4056.6	
Shallow	0.0	0.0	43.6	5264.9	
Array Temperature		0.0		58.9	Deg F

Induction Constants MAI-B.A 268

Last Edited on 06-MAR-2011,07:44

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	

Caliper Calibration MPD-B 90

Base Calibration on 22-FEB-2011 13:32
Field Calibration on 05-MAR-2011 16:33

Base Calibration

Reading No	Measured	Calibrator Size (in)
1	22483	3.99
2	31216	5.97
3	39808	7.96
4	48032	9.87
5	57313	11.92
6	N/A	N/A

Field Calibration

Measured Caliper (in)	Actual Caliper (in)
7.88	7.96

Photo Density Calibration MPD-B 90

Base Calibration on 22-FEB-2011 11:52
Field Check on 05-MAR-2011 16:37

Density Calibration

Base Calibration

	Measured		Calibrated (sdu)	
	Near	Far	Near	Far
Reference 1	41111	13941	52994	19128
Reference 2	18942	1844	25185	2558

Field Check at Base

682.8	802.7

Field Check

682.4 802.6

PE Calibration

Base Calibration	WS	Measured WH	Ratio	Calibrated Ratio
Background	123	614		
Reference 1	12747	41001	0.313	0.309
Reference 2	5193	18862	0.278	0.274
Field Check at Base	122.8	613.6		
Field Check	123.7	612.4		

Density Constants MPD-B 90

Last Edited on 06-MAR-2011,07:45

Density Source Id	P15771B	
Nylon Calibrator Number	DNC-D-527	
Aluminium Calibrator Number	DAC-D-527	
Density Shoe Profile	8 inch	
Caliper Source for Processing	Density Caliper	
PE Correction to Density	Not Applied	
Mud Density	1.26	gm/cc
Mud Density Z/A Multiplier	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	Hybrid	

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	0.00
0.00	

DOWNHOLE EQUIPMENT

C:\DOCUME~1\rodgerbx\LOCALS~1\Temp\Weatherford PreView\1\Bill Barrett GGU Fed 31D-29-691_005.dta

3/8" Triple Cone Cable Head (MCB C A)
MCB-C.A 177 LG: 1.58 ft WT: 15.4 lb OD: 2.24 in

SHA-F Compact Swivel Head Adaptor
SHA-F 38 LG: 2.74 ft WT: 26.5 lb OD: 2.24 in

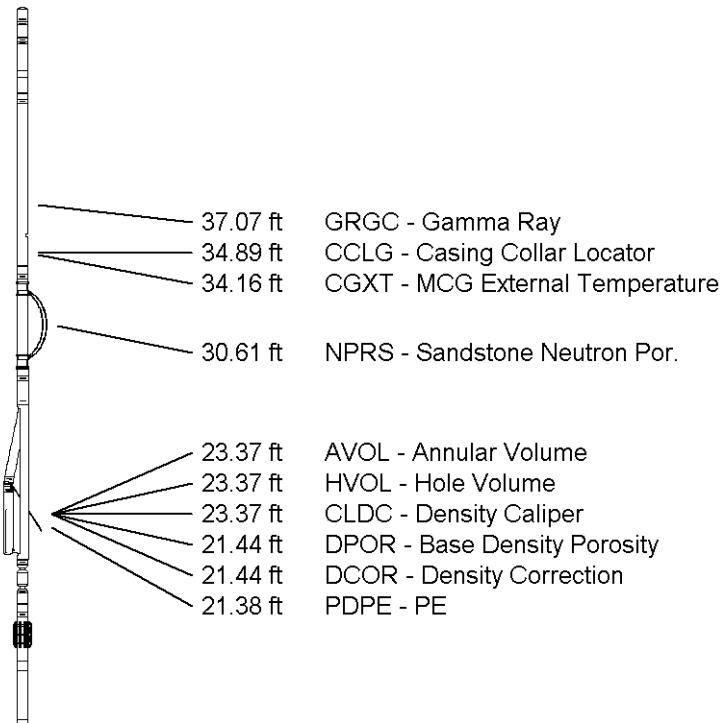
Compact Comms Gamma
MCG-C 115 LG: 8.70 ft WT: 63.9 lb OD: 2.24 in

Compact Neutron
MDN-B.J 372 LG: 5.04 ft WT: 50.7 lb OD: 2.24 in

Compact Density/Caliper
MPD-B 90 LG: 9.59 ft WT: 90.4 lb OD: 2.45 in

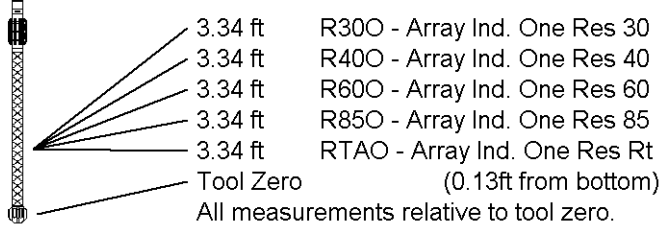
SKJ-D Compact Knuckle Joint
SKJ-D 34 LG: 2.17 ft WT: 24.3 lb OD: 2.24 in

Compact Focussed Electric
MFE-B.J 310 LG: 6.05 ft WT: 48.5 lb OD: 2.24 in



Compact Induction
MAI-B.A 268 LG: 10.81 ft WT: 48.5 lb OD: 2.24 in

Total Length: 46.67 ft Weight: 368.2 lb



All measurements relative to tool zero.

COMPANY	BILL BARRETT CORPORATION
WELL	GGU FEDERAL 31D-29-691
FIELD	GIBSON GULCH
PROVINCE/COUNTY	GARFIELD
COUNTRY/STATE	U.S.A. / COLORADO

Elevation Kelly Bushing	6126.00	feet	First Reading	7579.00	
Elevation Drill Floor	6125.00	feet	Depth Driller	7575.00	feet
Elevation Ground Level	6104.00	feet	Depth Logger	7589.00	feet

Weatherford®

COMPACT TRIPLE COMBO QUICKLOOK LOG

40 Years of Wireline 1970 2010