



**Weatherford**

**MEASURED DEPTH  
COMPACT QUAD COMBO**

COMPANY

SNAKE RIVER OIL AND GAS, LLC

WELL

BARLOW #2-14

FIELD

WILDCAT

COUNTY

PAYETTE

STATE

U.S.A. / IDAHO

LOCATION

SHL: 2453' FWL & 1612' FSL

SEC 14

TWP 8N

RGE 5W

Other Services

Latitude

44.030001

Longitude

-116.903162

API Number

11-075-20036

Permanent Datum GL, Elevation 2164 feet

Log Measured From KB, 12.50 feet above Permanent Datum

Drilling Measured From KB

Date

12-OCT-2021

Run Number

1

Service Order

6443-320831847

Depth Driller

4575.00 feet

Depth Logger

4550.00 feet

First Reading

4519.70 feet

Last Reading

1145.00 feet

Casing Driller

1145.00 feet

Casing Logger

1145.00 feet

Bit Size

8.500 inches

Hole Fluid Type

WBM

Density / Viscosity

11.20 lb/USg 38.00 sec/qt

PH / Fluid Loss

7.20 1.90 ml/30Min

Sample Source

FLOWLINE

Rm @ Measured Temp

2.98 @ 75.0 ohm-m

Rmf @ Measured Temp

2.23 @ 75.0 ohm-m

Rmc @ Measured Temp

3.72 @ 75.0 ohm-m

Source Rmf / Rmc

CALC CALC

Rm @ BHT

1.77 @158.0 ohm-m

Time Since Circulation

0.25 HRS

Max Recorded Temp

158.00 deg F

Elevations:  
KB 2176.50  
DF 2176.50  
GL 2164.00

**BOREHOLE RECORD**

Last Edited: 12-OCT-2021 10:24

Bit Size inches	Depth From feet	Depth To feet
8.500	1145.00	4575.00

**CASING RECORD**

Type	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft
	9.625	0.00	1145.00	40.00

**REMARKS**

TOOLSTRING RUN AS PER THE TOOL STRING DIAGRAM. MAXIMUM OD OF 3.25 inches AT THE MAI TOOL.

TOOLSTRING CONFIGURED FOR VERTICAL AND LOW DEVIATION TRAJECTORY

DIRECTIONAL DATA PROVIDED BY "TITAN DIRECTIONAL DRILLING": 12-OCT-2021.

MAXIMUM DEVIATION: 48.5 degrees @ 2382.00 feet.

PRIMARY SERVICES ACQUIRED: MGS: COMPACT GAMMA RAY  
 MDN: DUAL SPACED NEUTRON  
 MPD: PHOTO-DENSITY  
 MSS: MONOPOLE SONIC.  
 MAI-MFE: ARRAY INDUCTION

HARDWARE USED: MPD: 4 inch PROFILE PLATE  
 MIS-D: DOUBLE BOWSPRING TO SIDEWALL THE MDN FROM ABOVE.  
 MVC: USED TO SIDEWALL THE MPD FROM BELOW.  
 MSS: 0.5 INCH STANDOFF AT MIDDLE

MSS: 0.5 INCH STANDOFF AT MIDDLE  
MSS: 0.5 INCH INLINE STANDOFF AT TOP AND BOTTOM  
MFE: 0.5 INCH INLINE STANDOFF AT TOP AND BOTTOM  
MAI: 0.5 INCH PINEAPPLE STANDOFF ON BOTTOM

CORRECTIONS APPLIED:

2.65 G/CC MATRIX DENSITY USED TO CALCULATE POROSITY.

BARITE CORRECTION WAS APPLIED TO THE PHOTO DENSITY DUE TO ITS PRESENCE IN THE MUD SYSTEM

BARITE CORRECTION WAS APPLIED TO THE NEUTRON DUE TO ITS PRESENCE IN THE MUD SYSTEM

DEPTH CONTROL:

PRIMARY DEPTH REFERENCE USED WAS PIPE STRAP

PRIMARY DEPTH SYSTEM USED WAS MD TOTCO

AS PER CLIENT REQUEST, LOGGING TOOLS DEPLOYED AT 4422.6 ft.

BOTTOM OF LOGGING TOOLS AFTER DEPLOYMENT : 4524.22 ft .

LOGGING TOOLS DEPLOYED BY USING MESSENGER COMPACT WELL SHUTTLE CONVEYANCE.

BOREHOLE CONDITION:

DURING THE TRIP IN THE HOLE WHILE FILLING DRILLPIPE WITH MUD, THE STANDPIPE PRESSURE INCREASED RAPIDLY HIGH. THE BOTTOM OF THE BHA WAS POSSIBLY PACKED OFF WITH FORMATION CUTTINGS. THE RIG HAD TO PUMP AT 4BBL/MIN FOR OVER 5 HRS TO CONDITION THE WELL AND ALSO TO CIRCULATE GAS OUT OF HOLE. WHILE CONDITIONING THE WELL, TO AVOID GETTING STUCK, THE DRILL PIPE WAS MOVED UP AND DOWN AND ALSO WAS OCCASIONALLY ROTATED AT 30 RPM.

RIG CIRCULATED GAS OUT OF THE WELL AFTER TOOLS DEPLOYED.

A HEAVY MUD WAS PUMPED PRIOR LOGGING UPHOLE AS PER CLIENT REQUEST.

POST ACQUISITION PROCESSING:

HOLE VOLUME FROM 4466.97 FT to CASING SHOE = 1800 CU.FT

ANNULAR HOLE VOLUME FROM 4466.97 FT to CASING SHOE = 1250 CU.FT

ANNULAR HOLE VOLUME WAS CALCULATED BASED ON FUTURE CASING SIZE OF 5.5 inches.

ANNULAR AND HOLE VOLUMES CALCULATED FROM DENSITY CALIPER MEASUREMENTS.

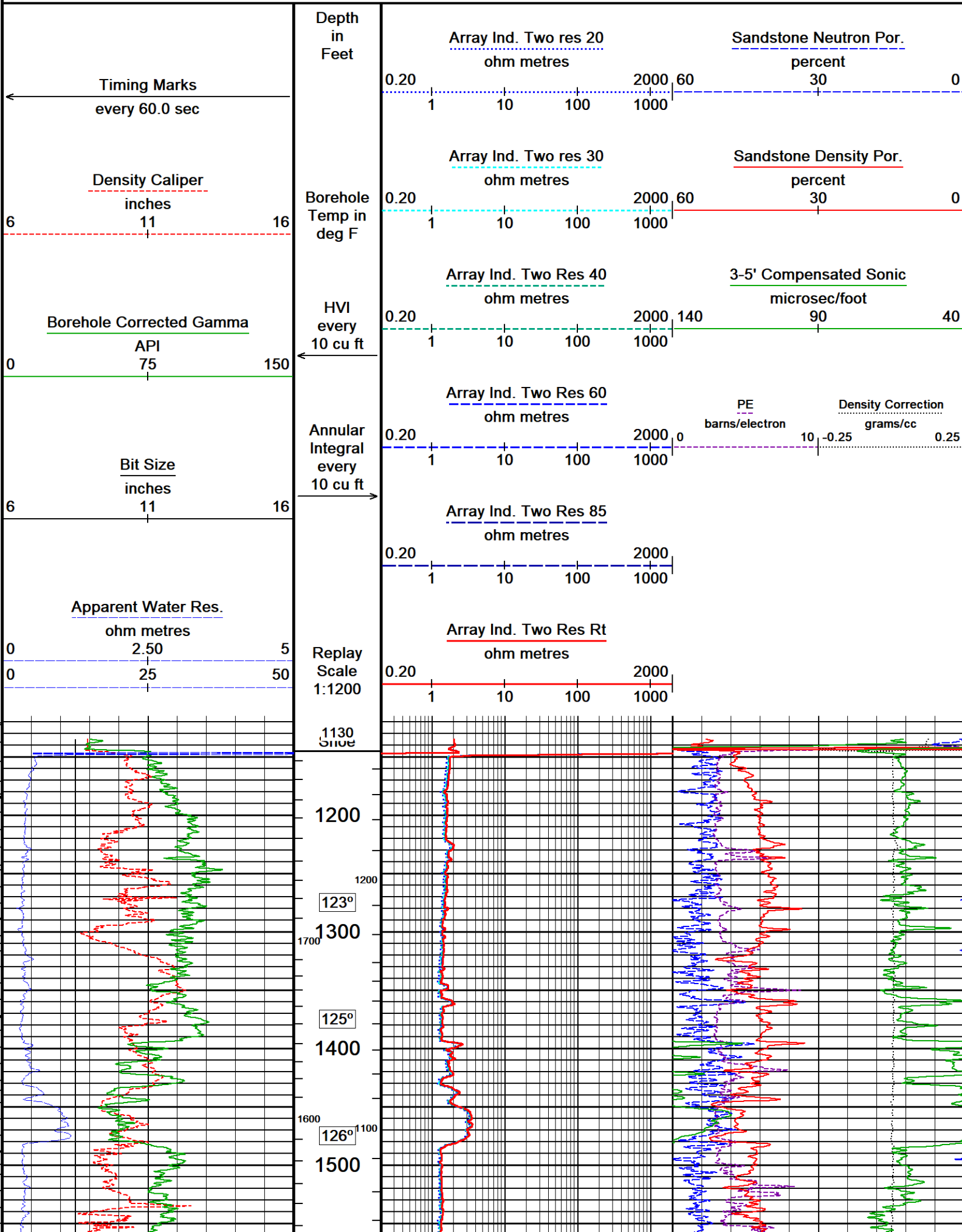
BOREHOLE WASHOUTS MAY AFFECT DATA QUALITY.

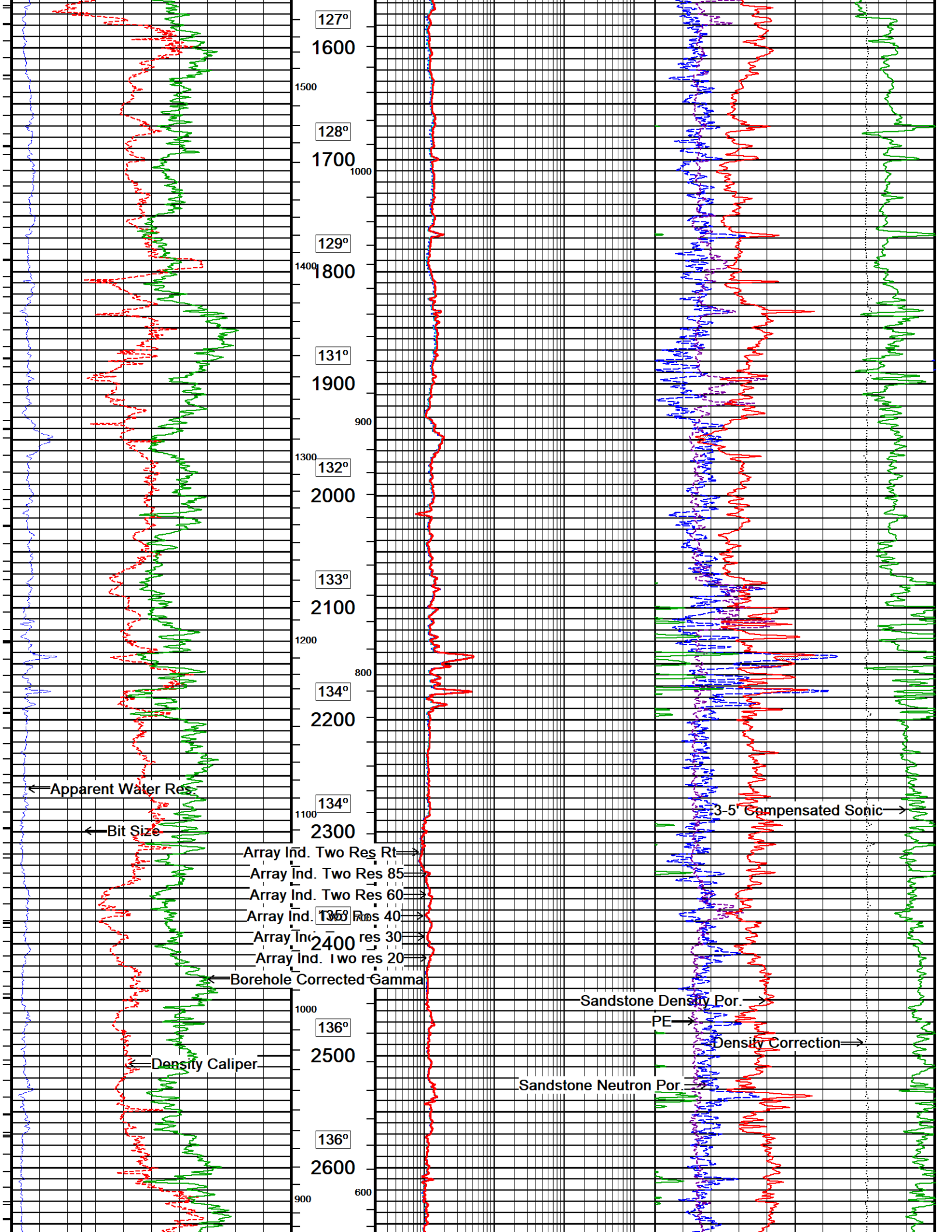
In interpreting, communicating or providing information and/or making recommendations, either written or oral, as to logs or test or other data, type or amount of material, or Work or other service to be furnished, or manner of performance, or in predicting results to be obtained, the Contractor will give the Company the benefit of the Contractor's best judgment based on its experience and will perform all such Work in a good and workmanlike manner. Any interpretation of test or other data, and any recommendation or reservoir description based upon such interpretations, are opinions based upon inferences from measurements and empirical relationships and assumptions, which inferences and assumptions are not infallible, and with respect to which professional engineers and analysts may differ. ACCORDINGLY ANY INTERPRETATION OR RECOMMENDATION RESULTING FROM THE SERVICES WILL BE AT THE SOLE RISK OF THE COMPANY, AND THE CONTRACTOR CANNOT AND DOES NOT WARRANT THE ACCURACY, CORRECTNESS OR COMPLETENESS OF ANY SUCH INTERPRETATION OR RECOMMENDATION, WHICH INTERPRETATIONS AND RECOMMENDATIONS SHOULD NOT, THEREFORE, UNDER ANY CIRCUMSTANCES BE RELIED UPON AS THE SOLE OR MAIN BASIS FOR ANY DRILLING, COMPLETION, WELL TREATMENT, PRODUCTION OR FINANCIAL DECISION, OR ANY PROCEDURE INVOLVING ANY RISK TO THE SAFETY OF ANY DRILLING ACTIVITY, DRILLING RIG OR ITS CREW OR ANY OTHER INDIVIDUAL. THE COMPANY HAS FULL RESPONSIBILITY FOR ALL DECISIONS CONCERNING THE SERVICES.

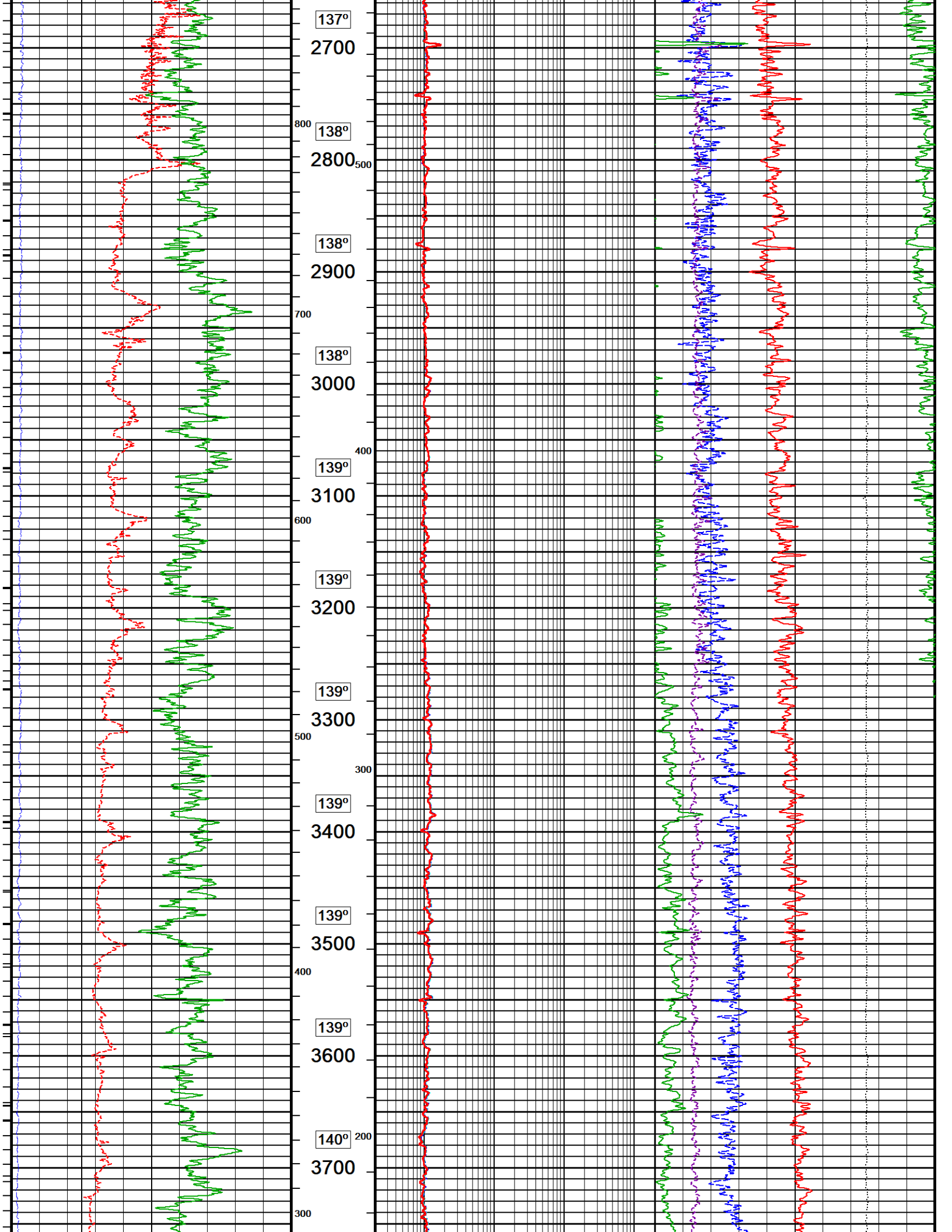


1 INCH MAIN PASS

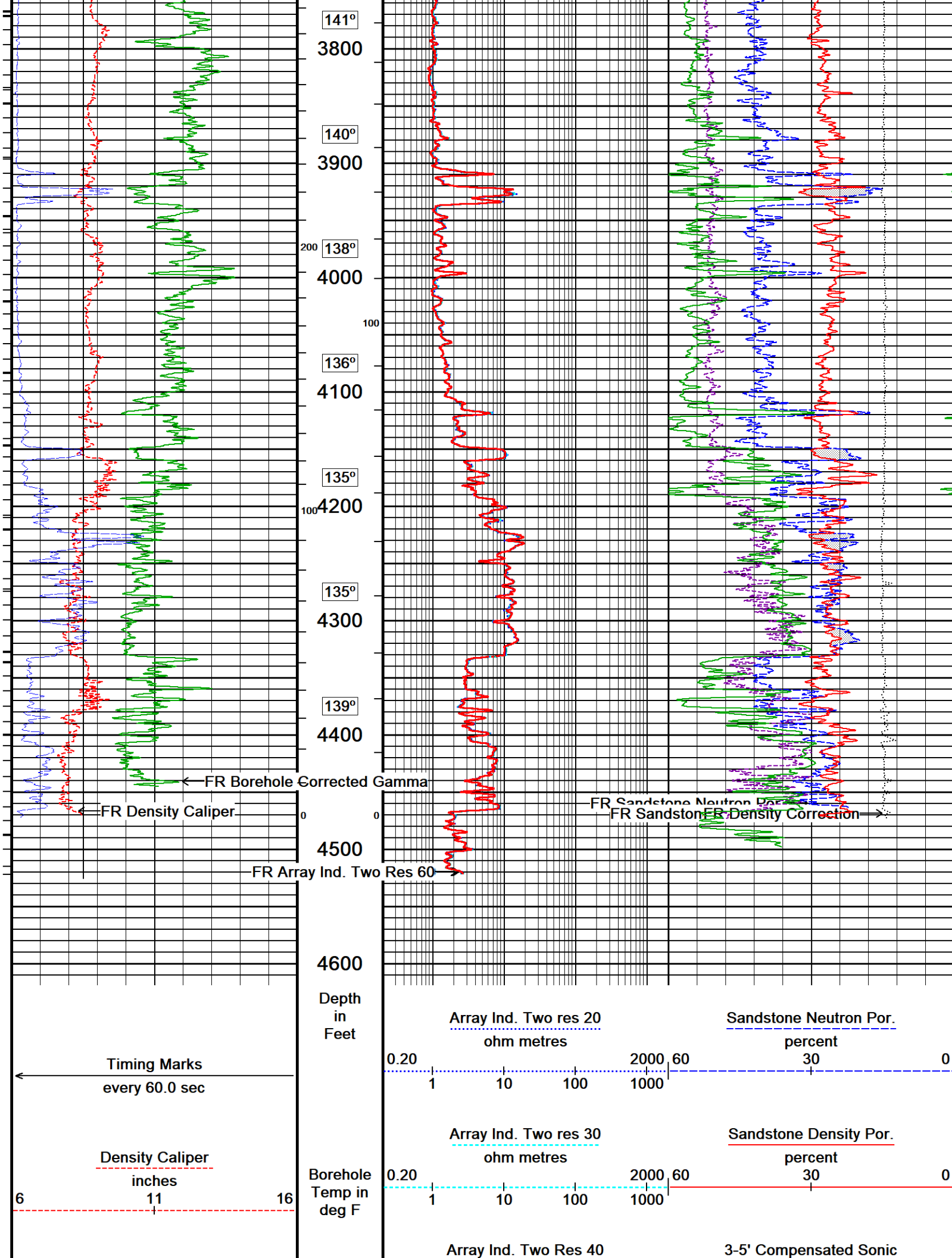


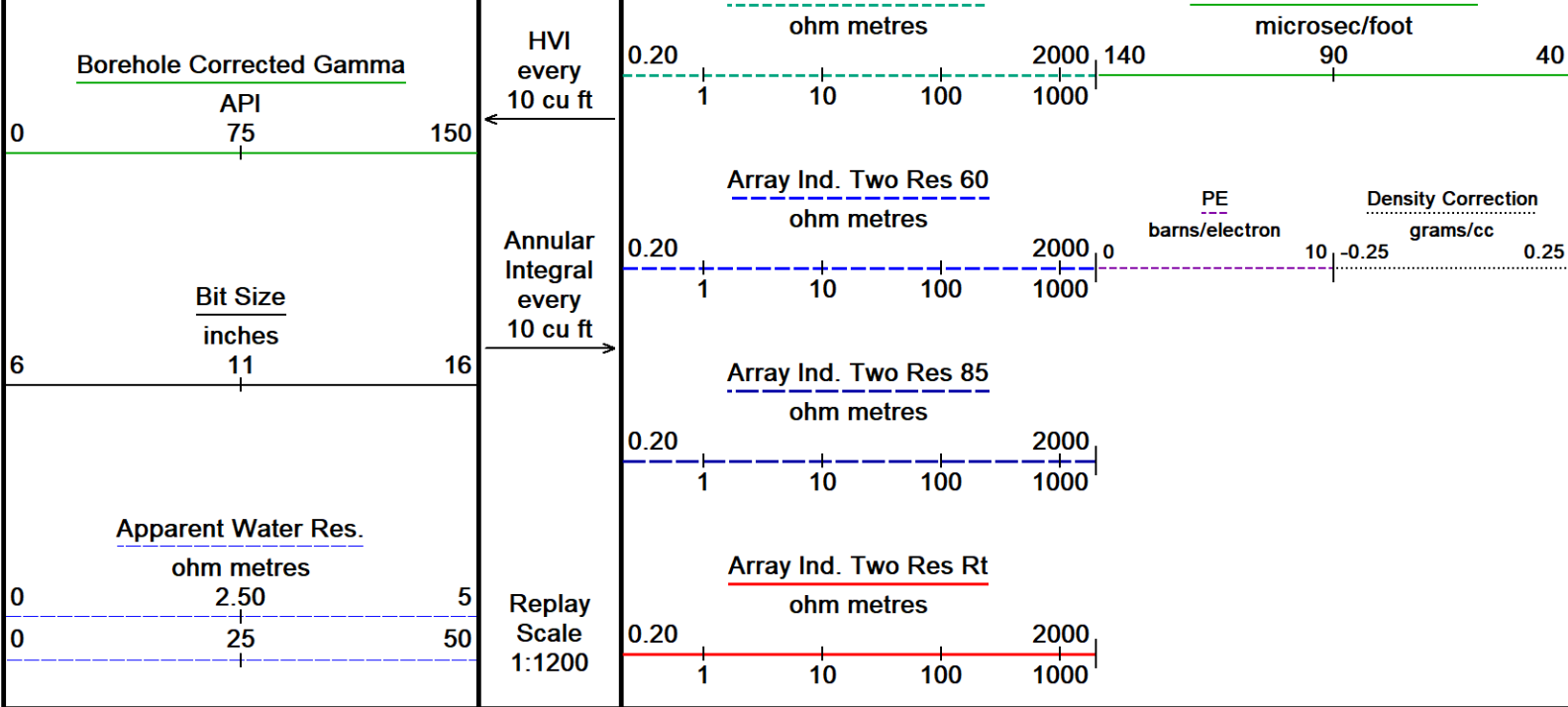








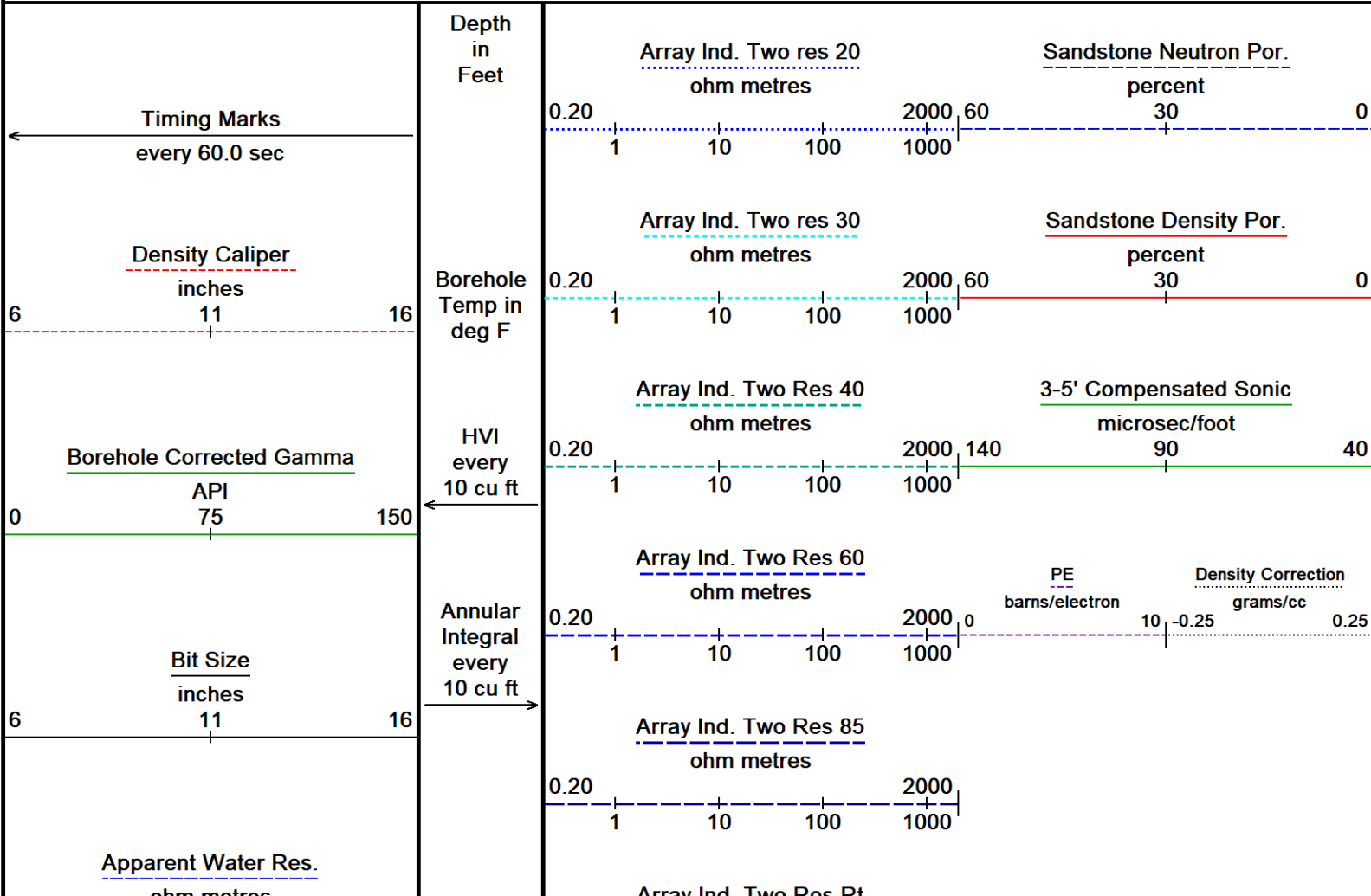


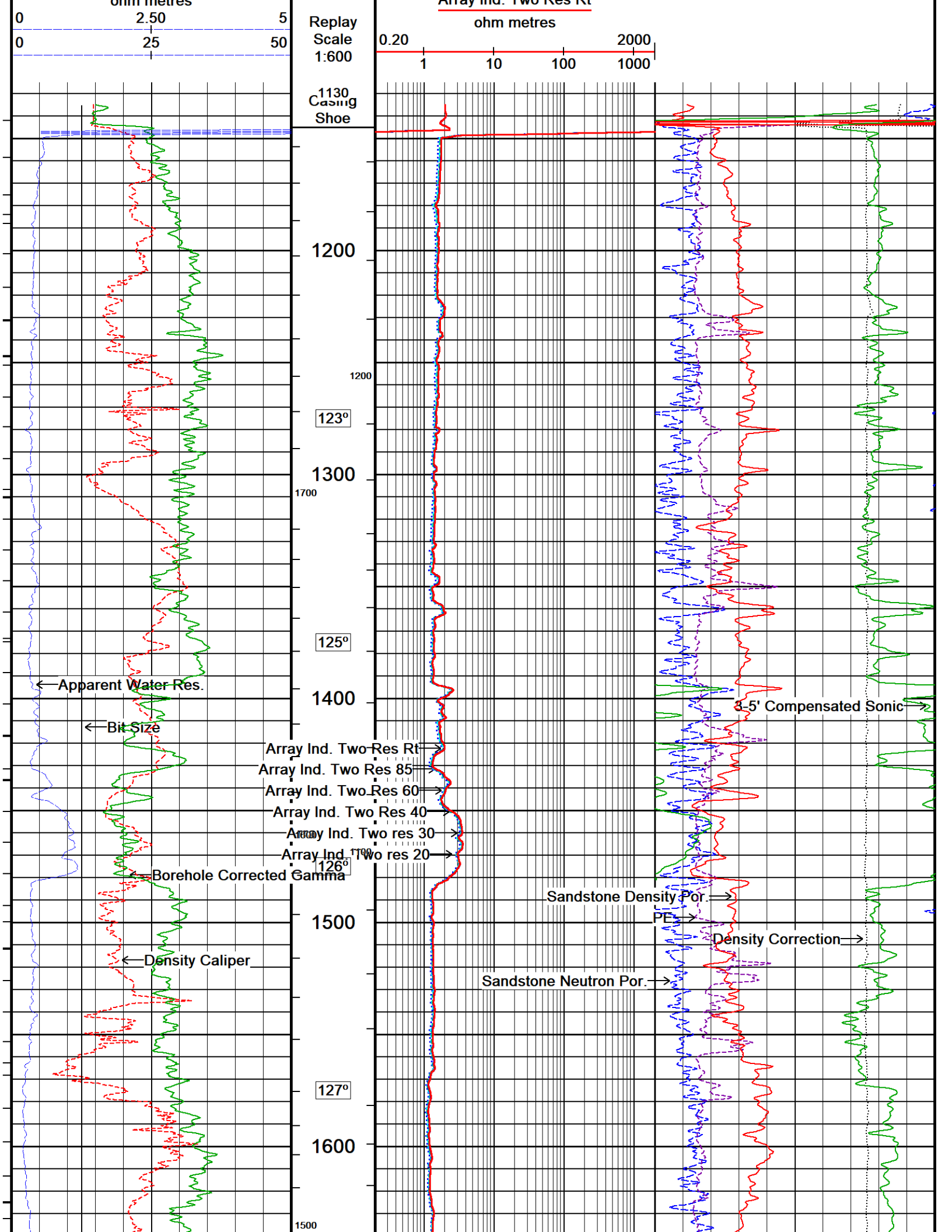


↑ 1 INCH MAIN PASS ↑

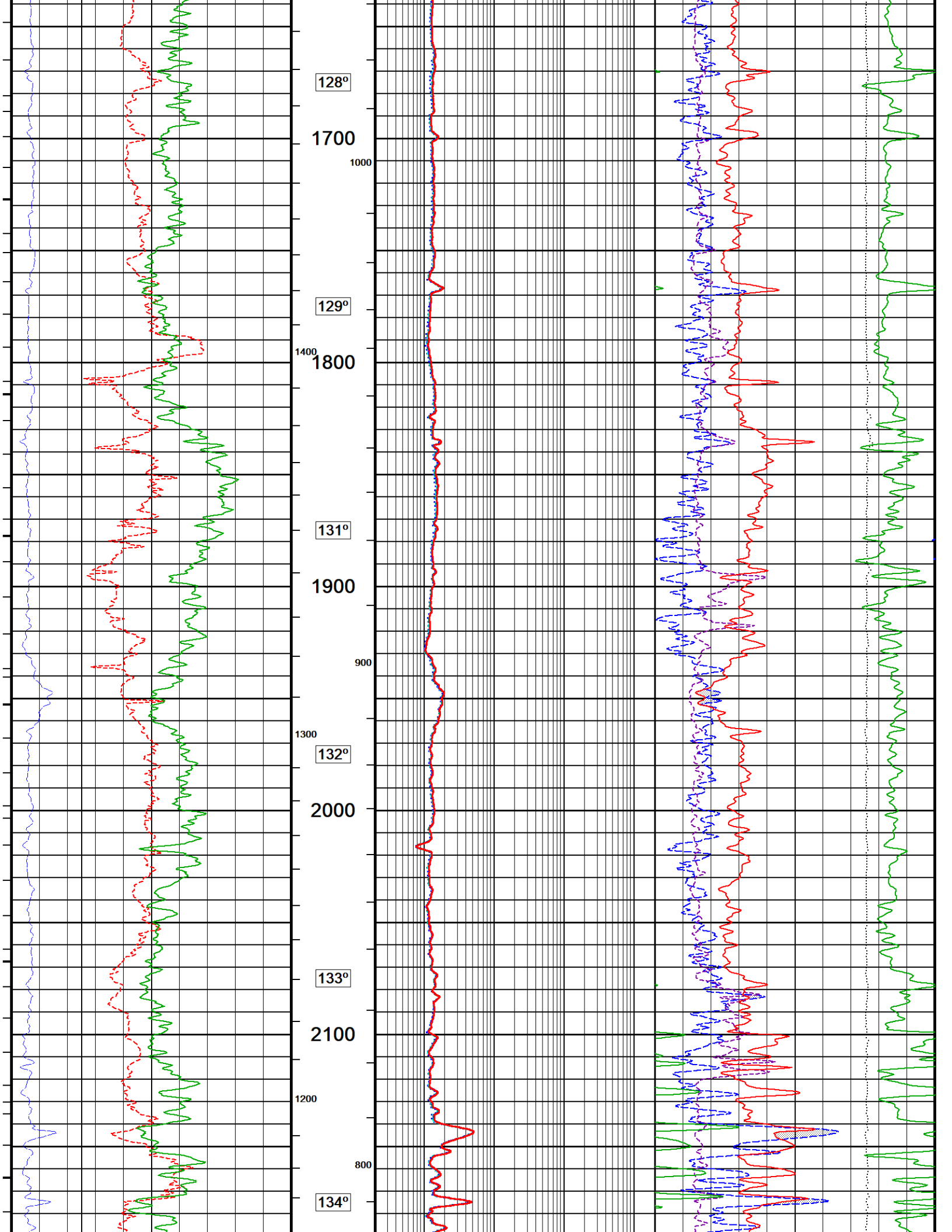
↓ 2 INCH MAIN PASS ↓

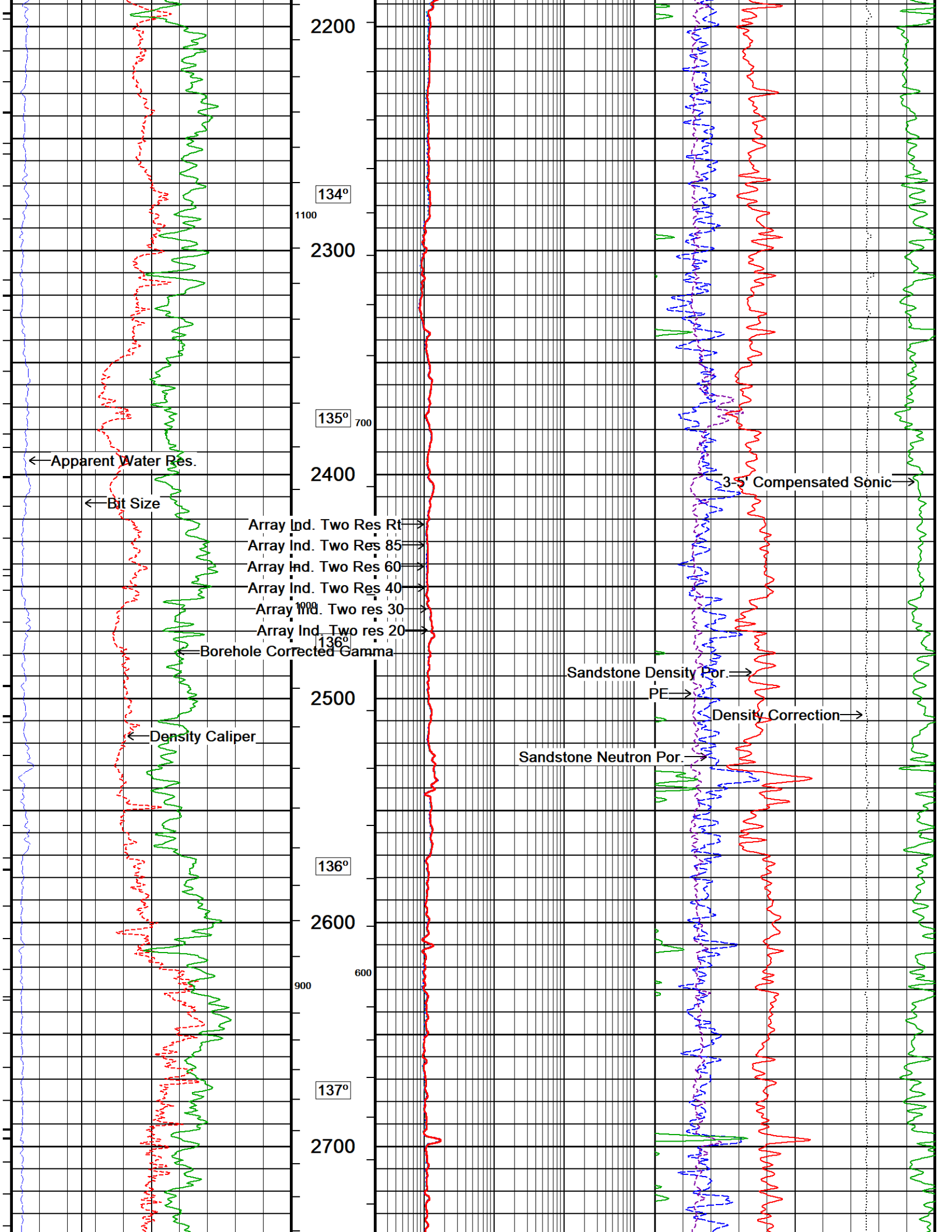
Depth Based Data - Maximum Sampling Increment 10.0cm  
 Plotted on 13-OCT-2021 18:24  
 Filename: C:\Users\le181066\AppData\Local\Temp\Weatherford PreView\0\MAIN PASS.dta  
 Recorded on 13-OCT-2021 15:44  
 System Versions: Logged with 21.03.3460 Processed with 21.03.3460 Plotted with 20.05.7660

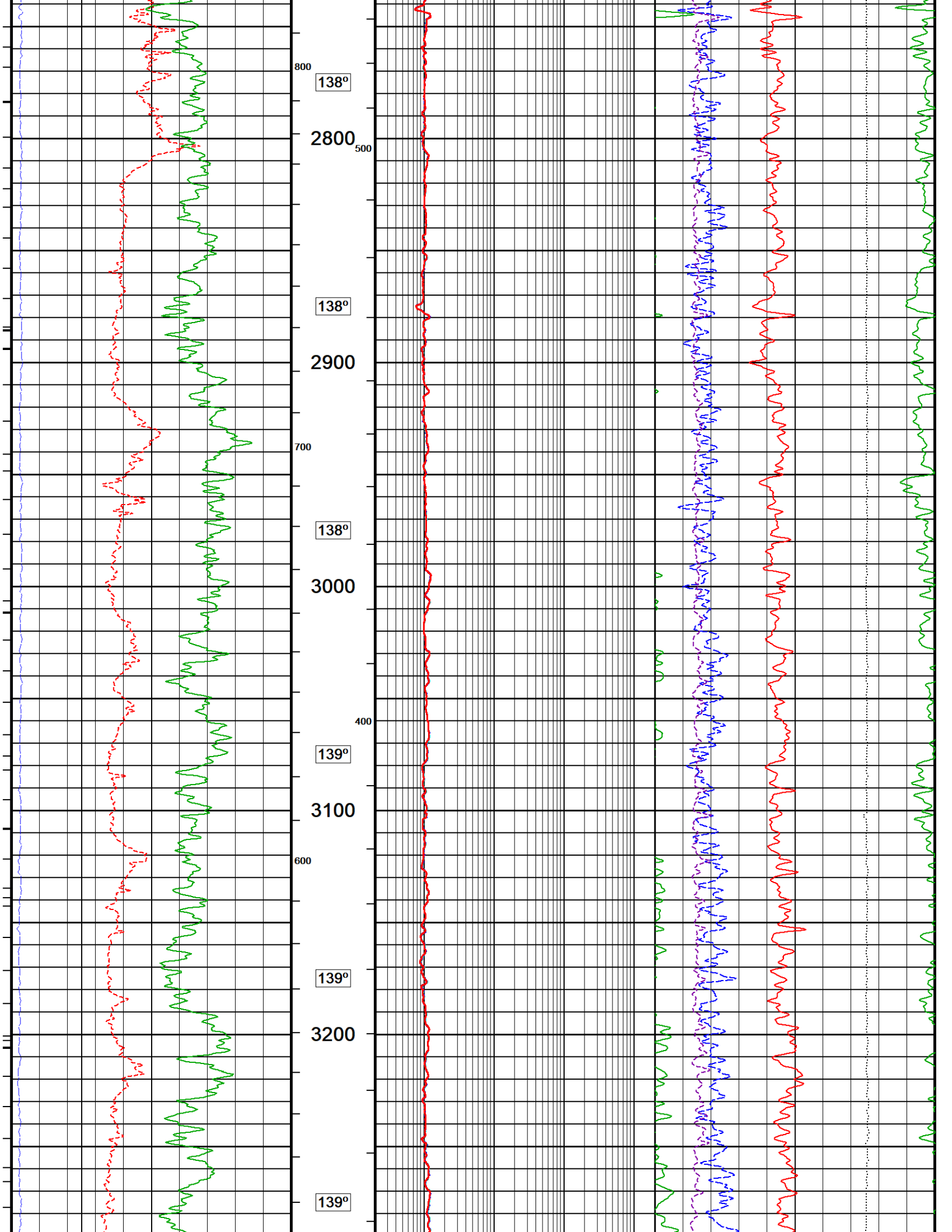


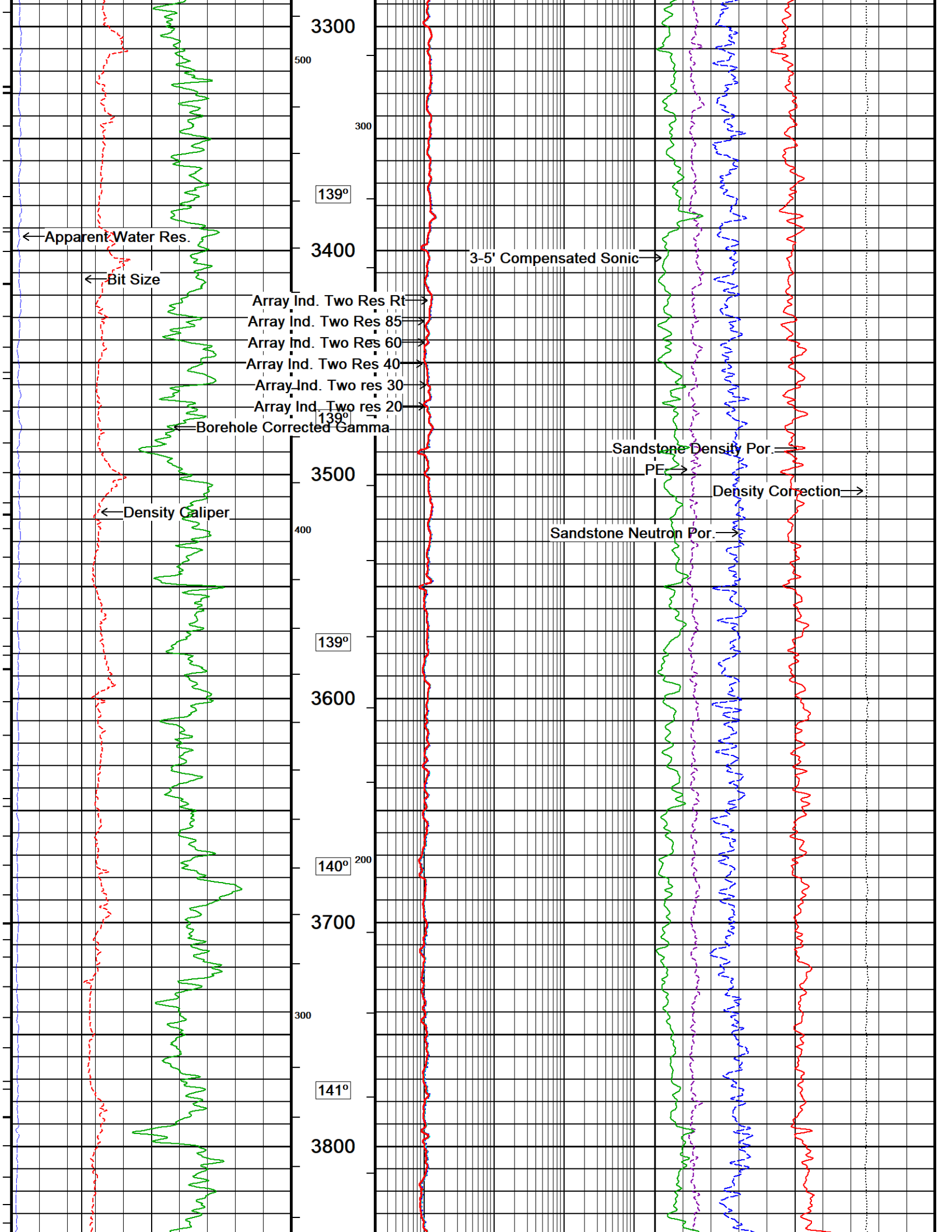


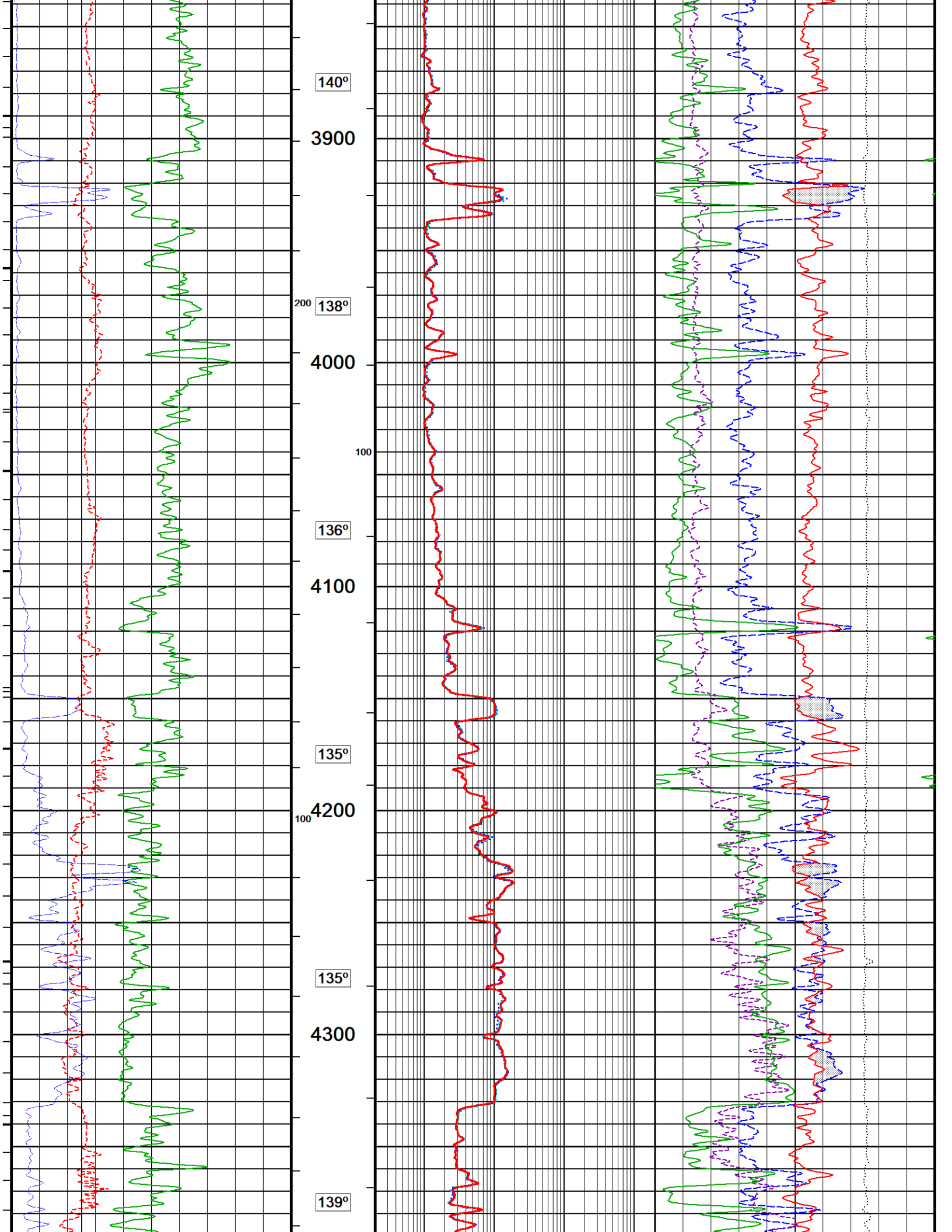




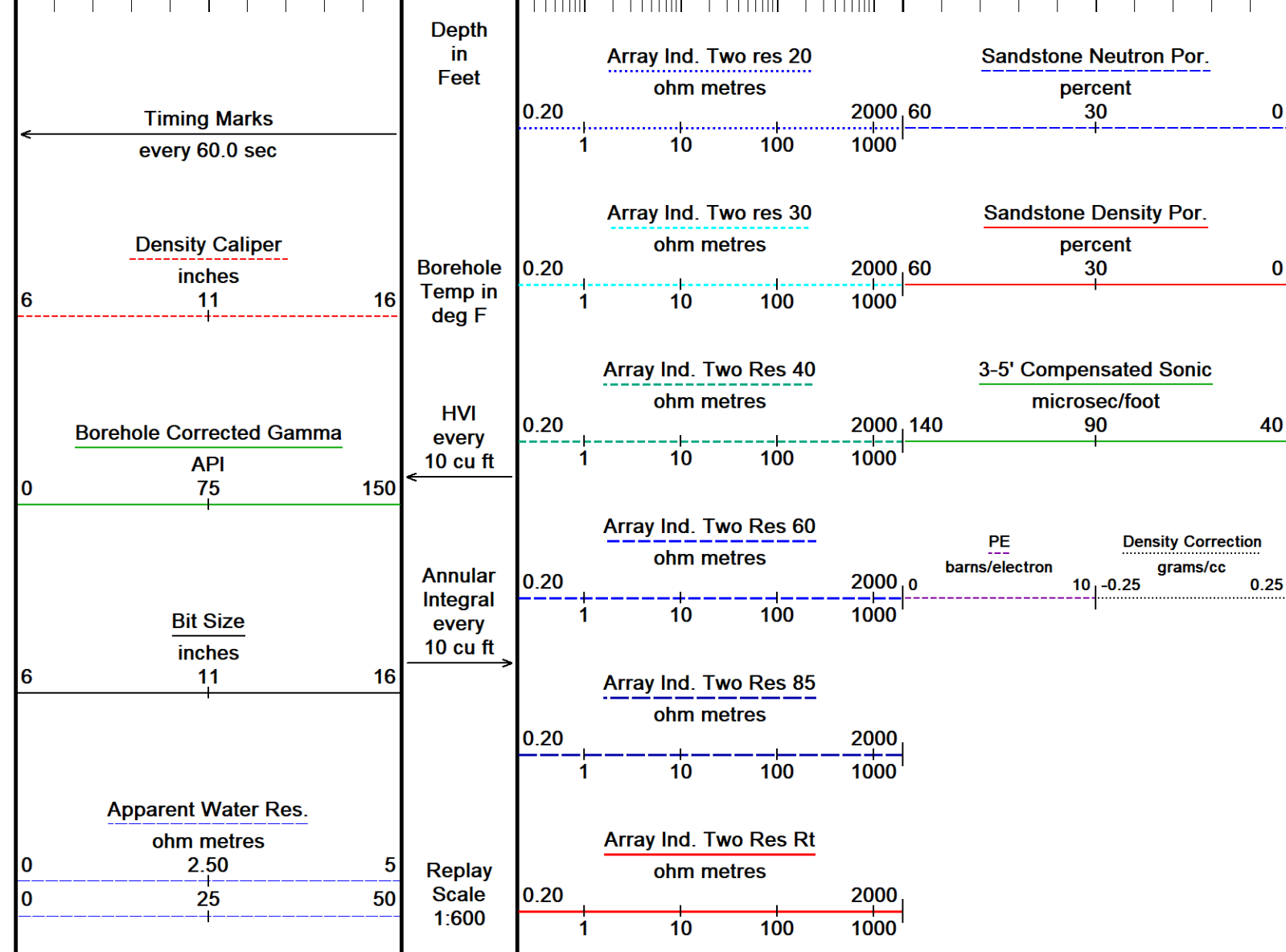
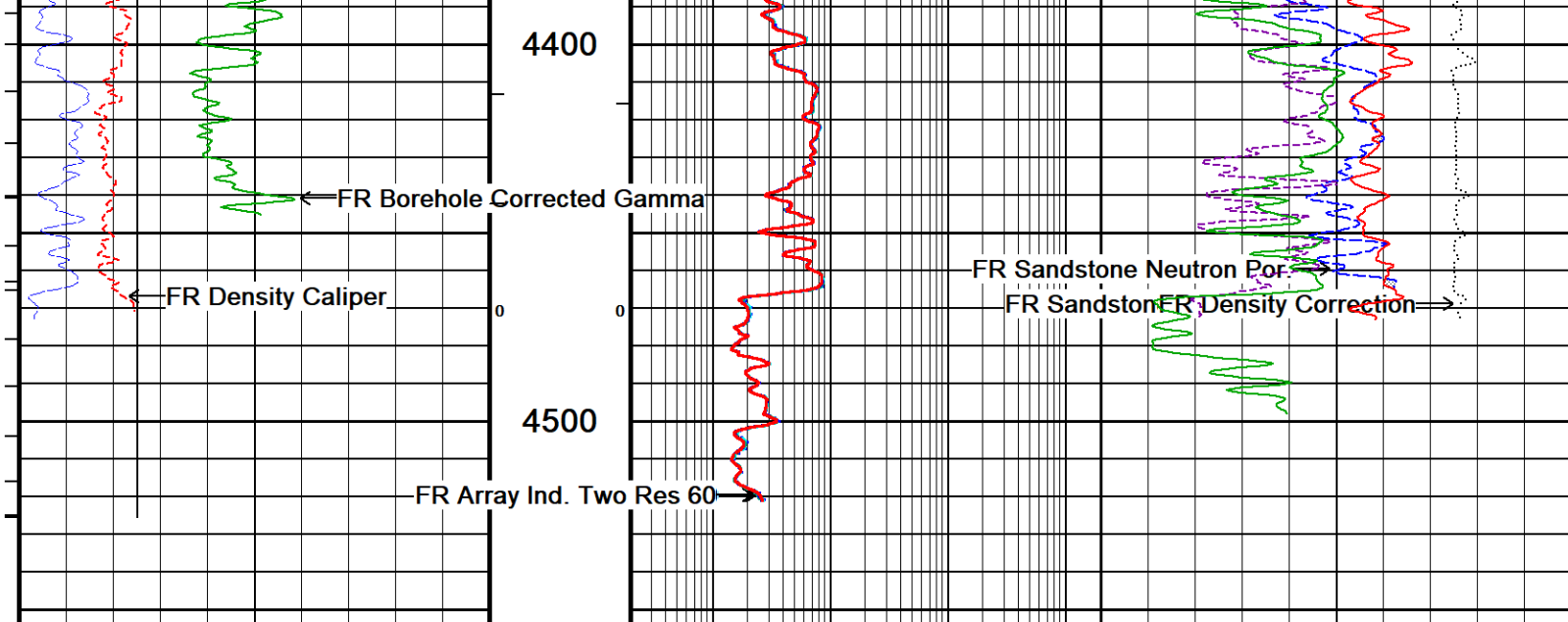










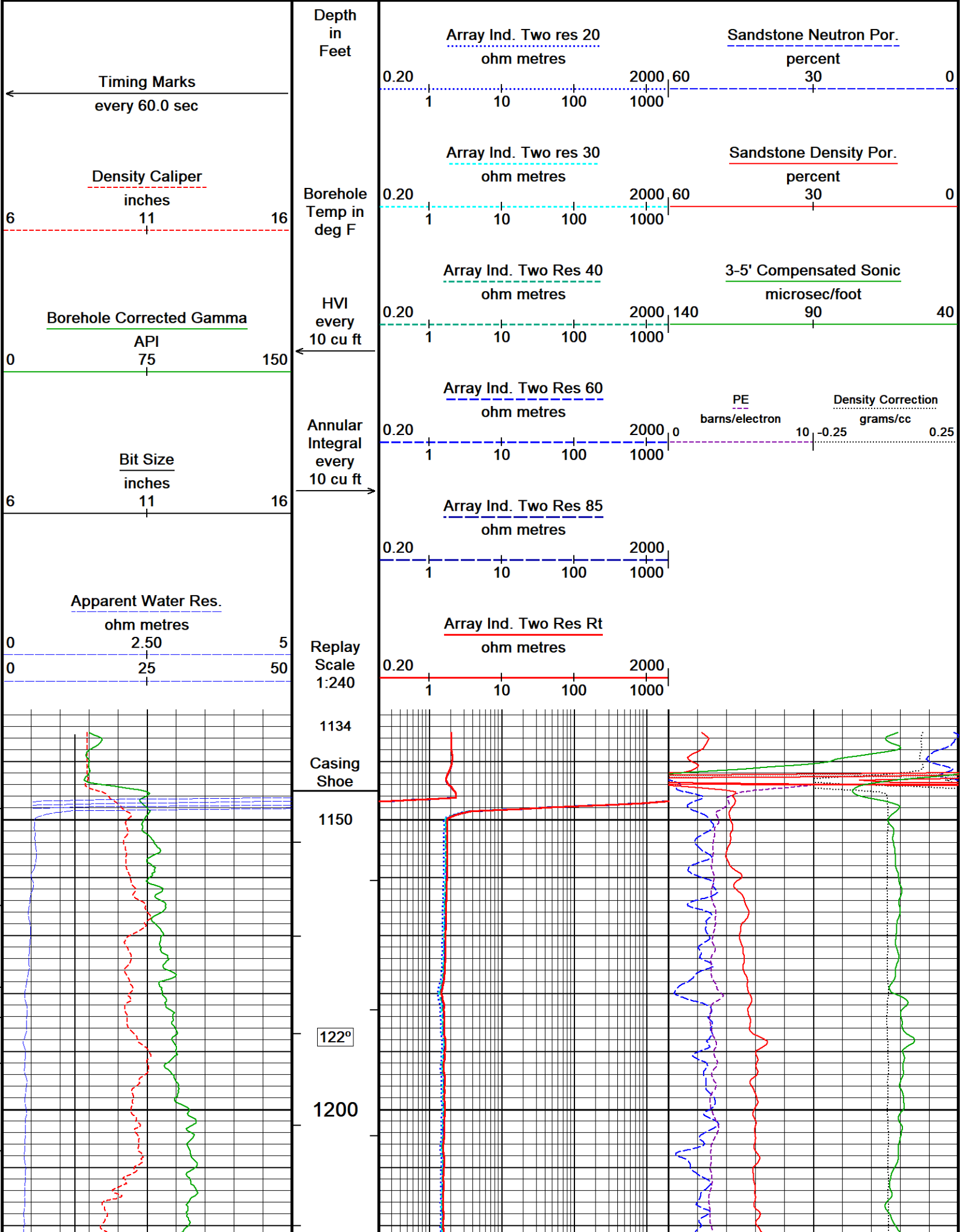


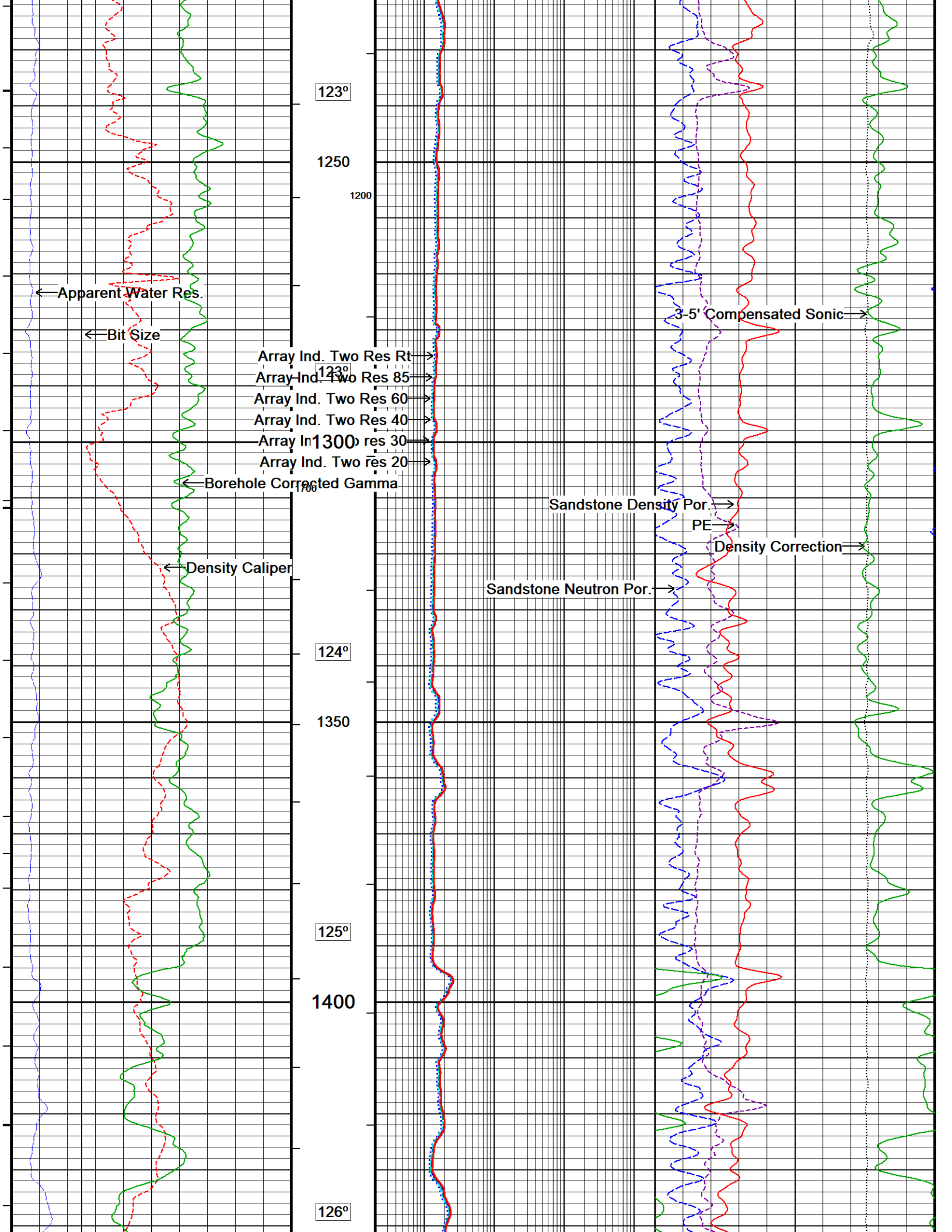
Depth Based Data - Maximum Sampling Increment 10.0cm  
 Filename: C:\Users\181066\AppData\Local\Temp\Weatherford PreView\0\MAIN PASS.dta  
 System Versions: Logged with 21.03.3460 Processed with 21.03.3460 Plotted with 20.05.7660  
 Plotted on 13-OCT-2021 18:24  
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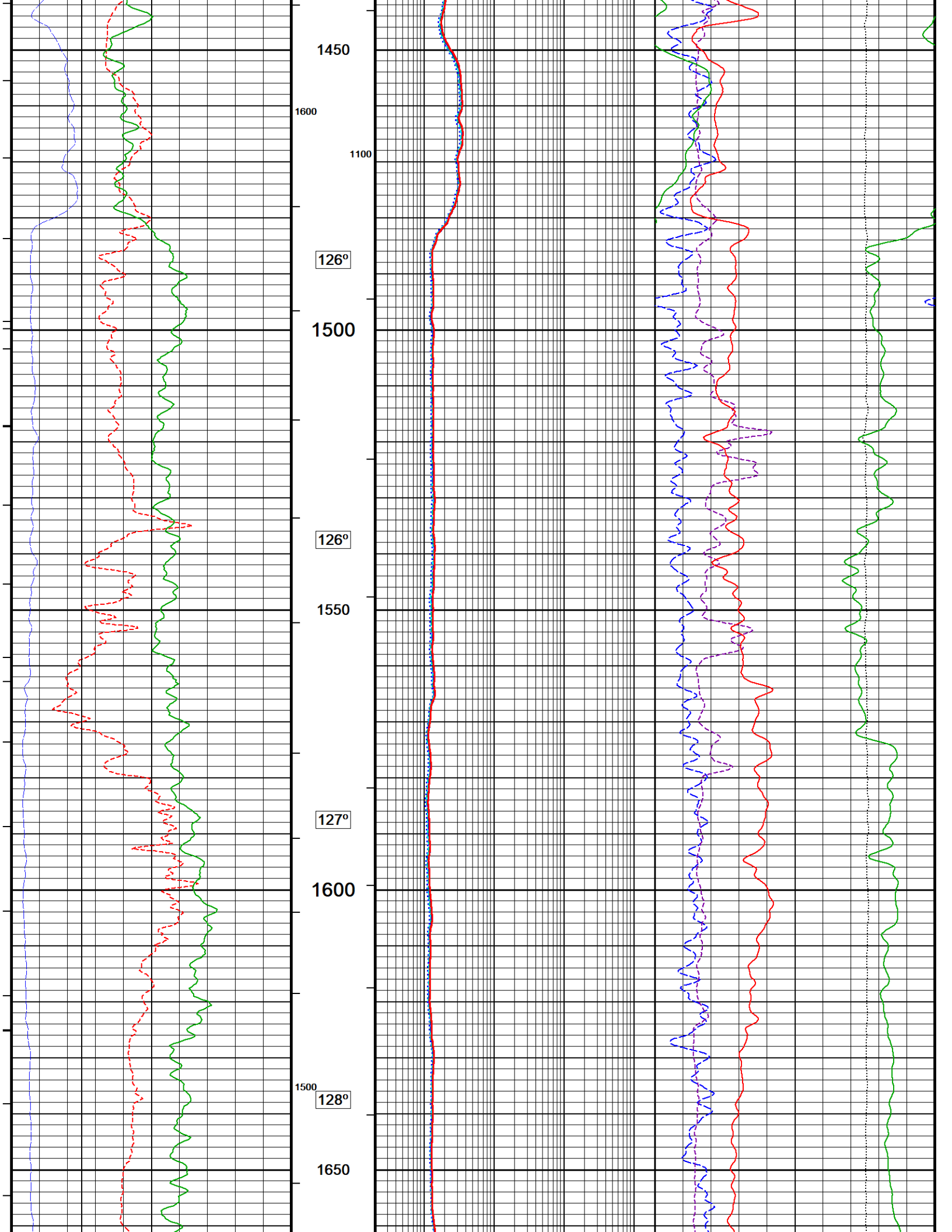
↑ 2 INCH MAIN PASS ↑

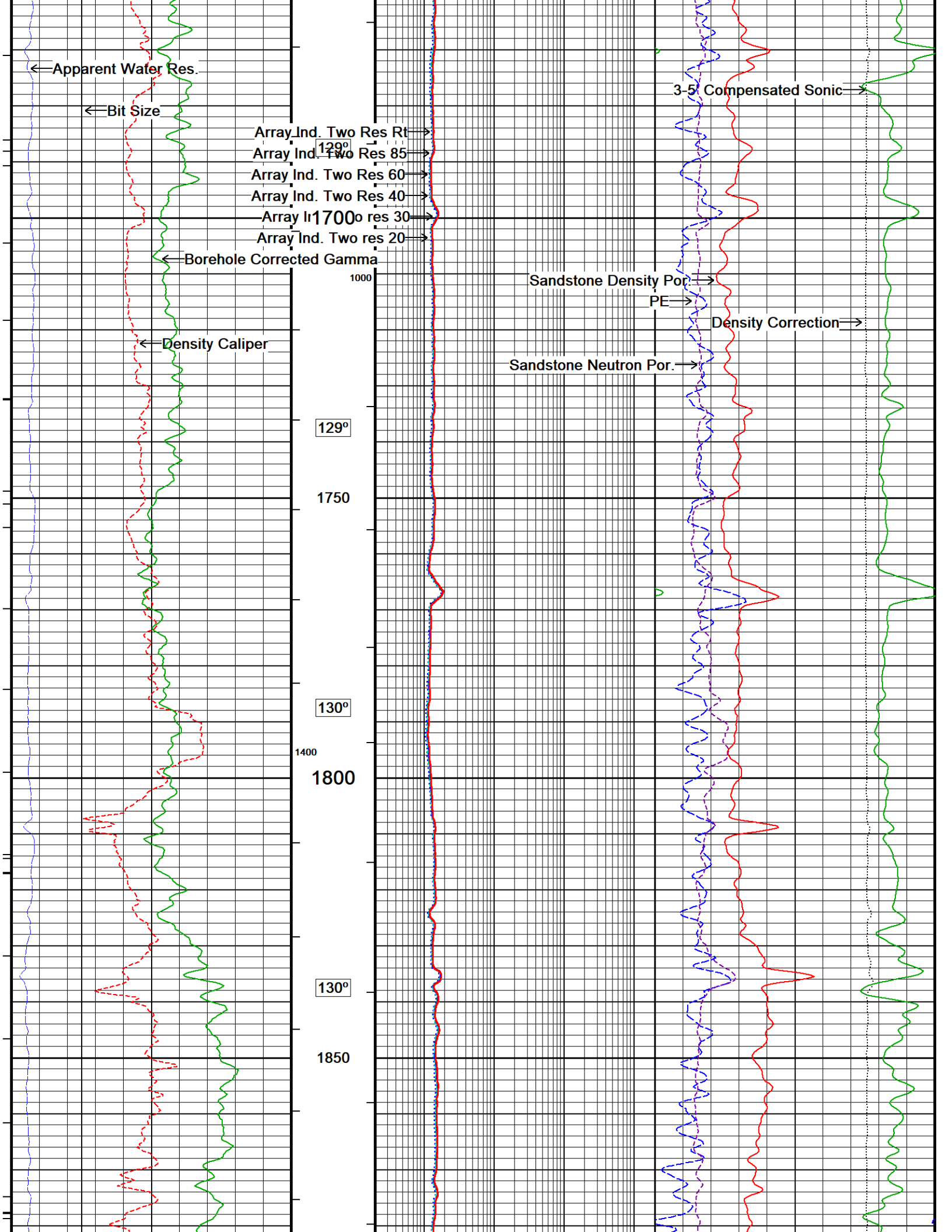
↓ 5 INCH MAIN PASS ↓

Depth Based Data - Maximum Sampling Increment 10.0cm  
 Plotted on 13-OCT-2021 18:24

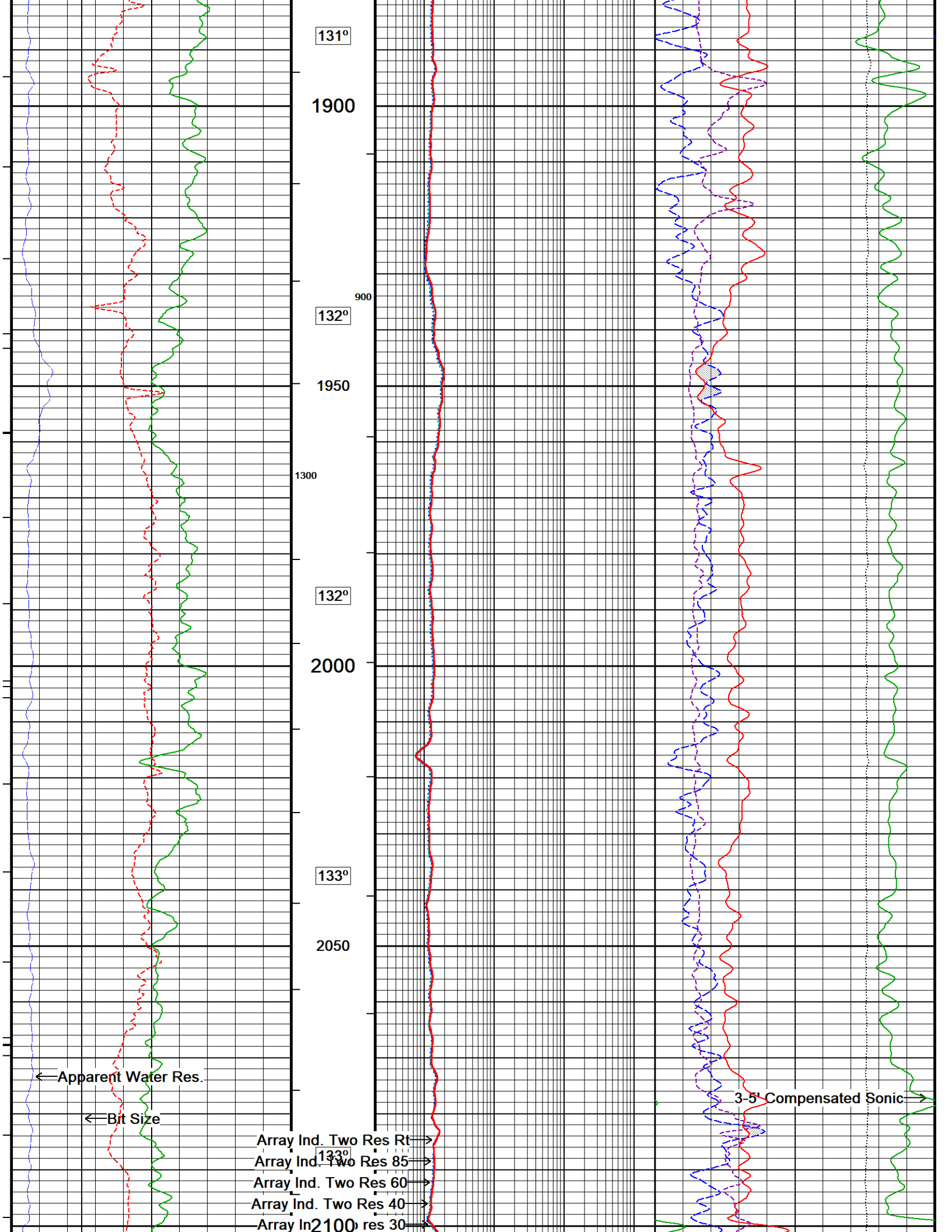


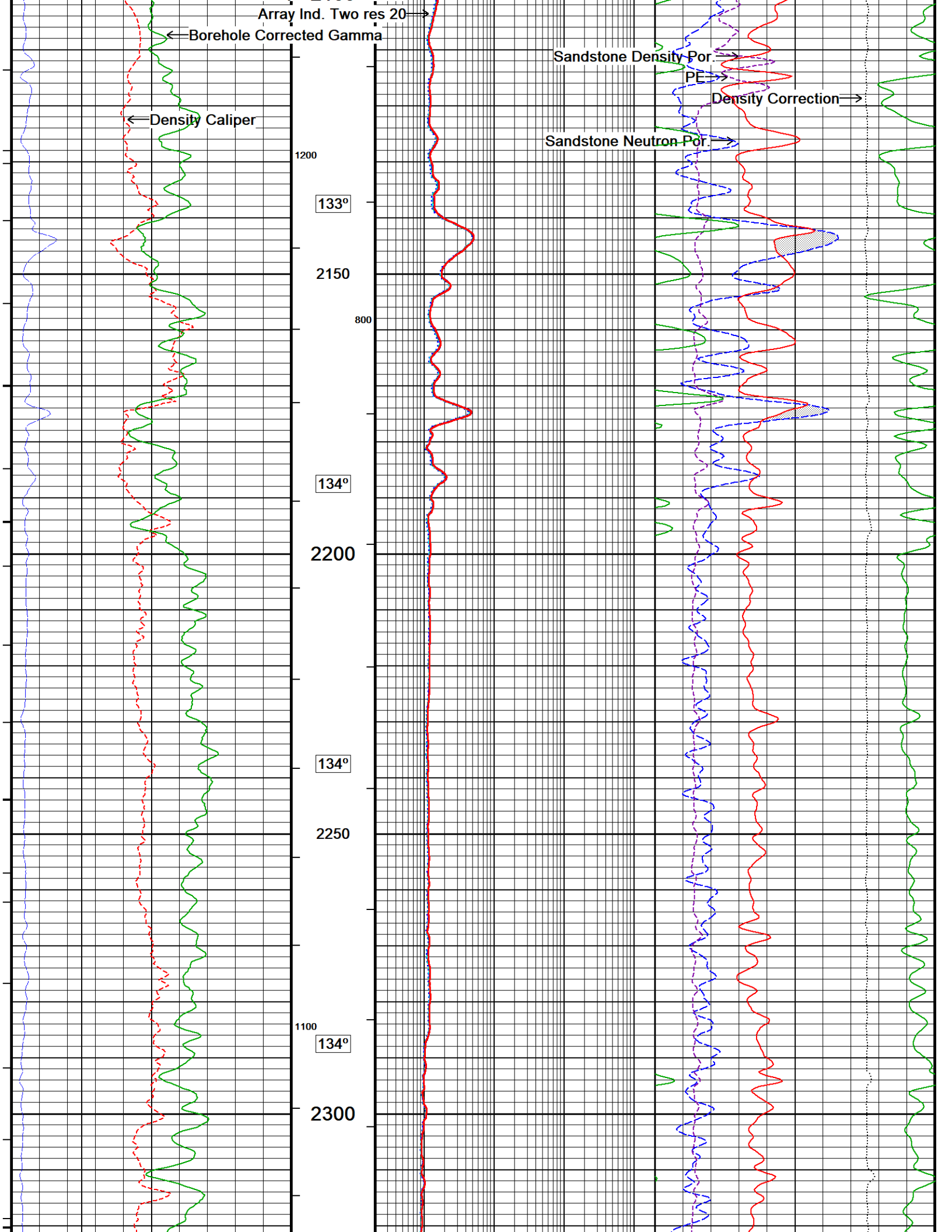


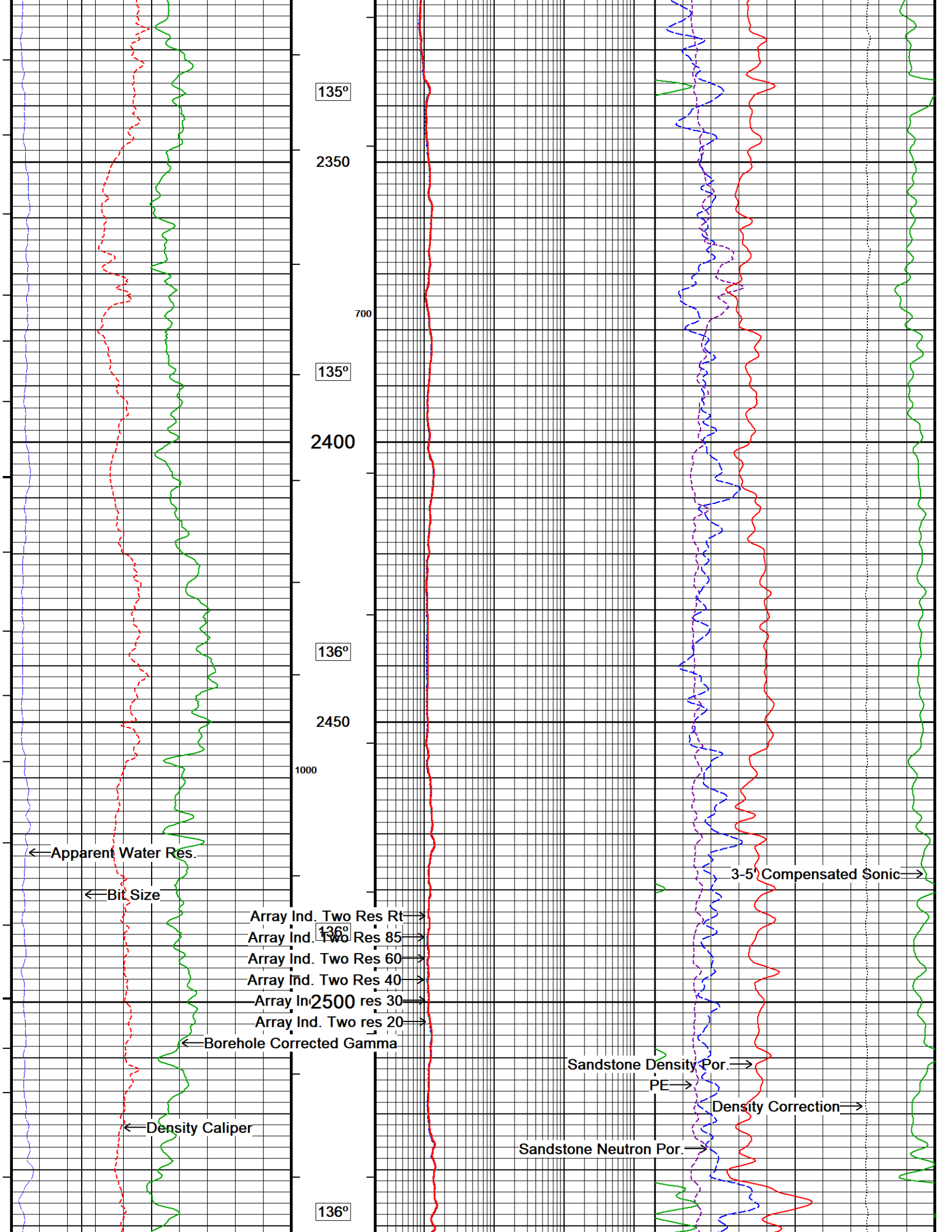


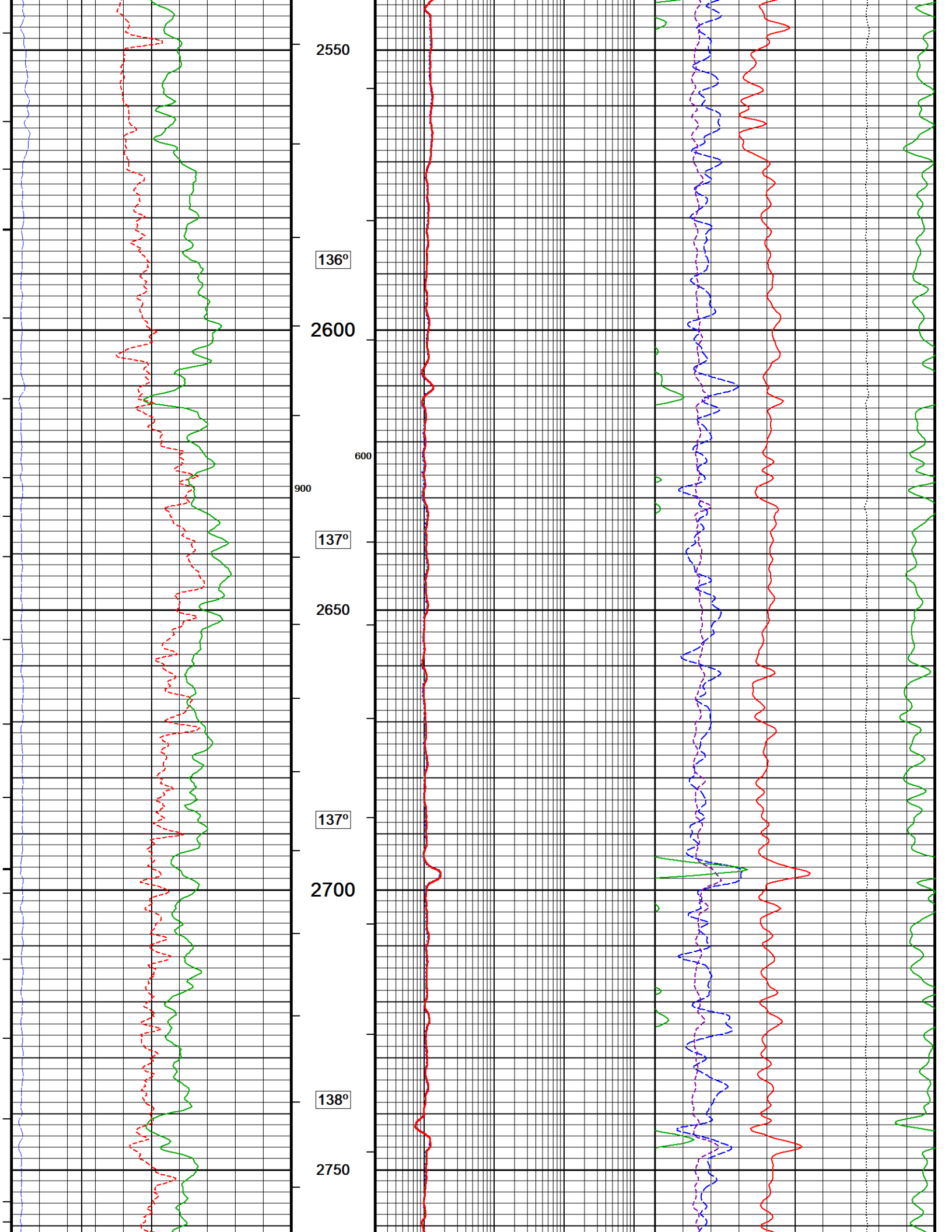


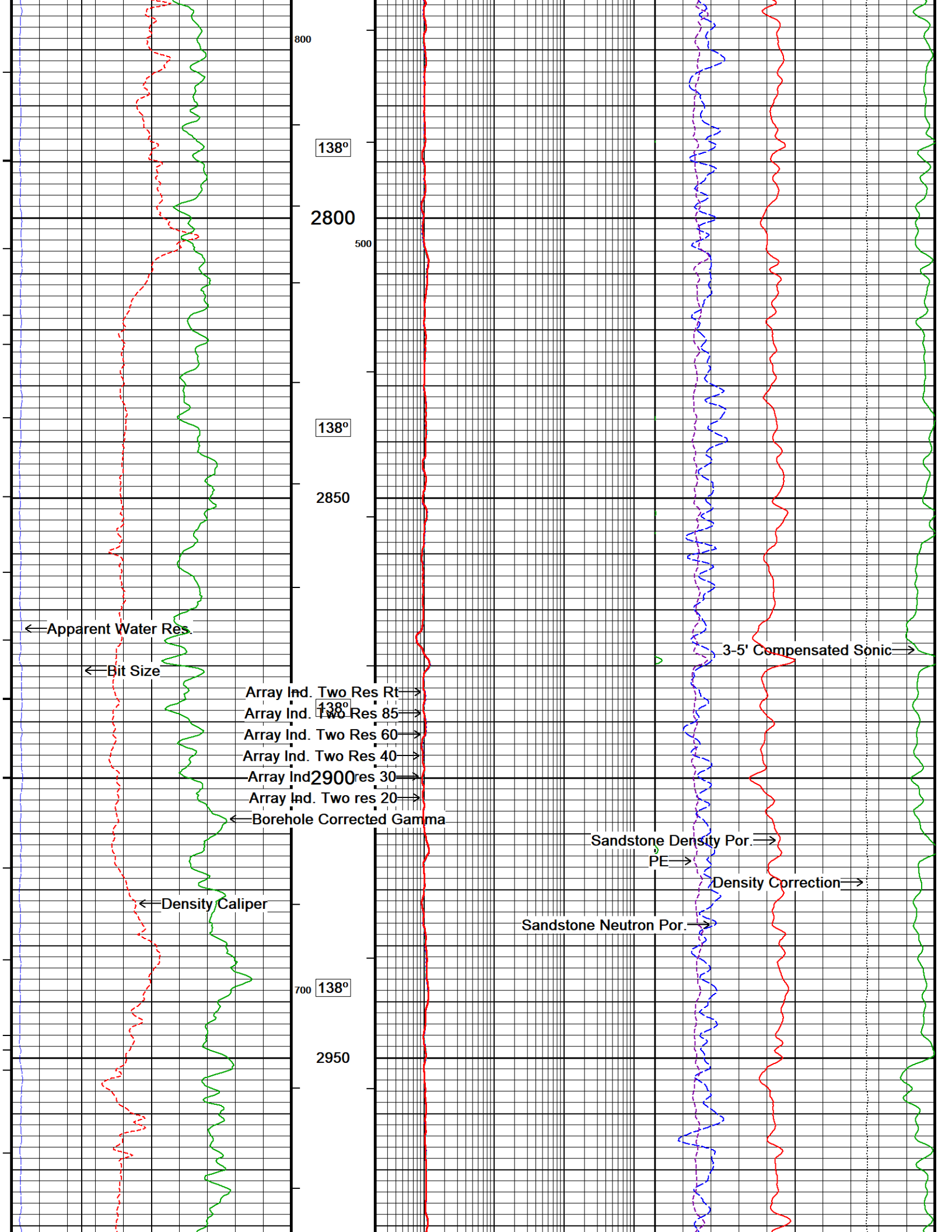




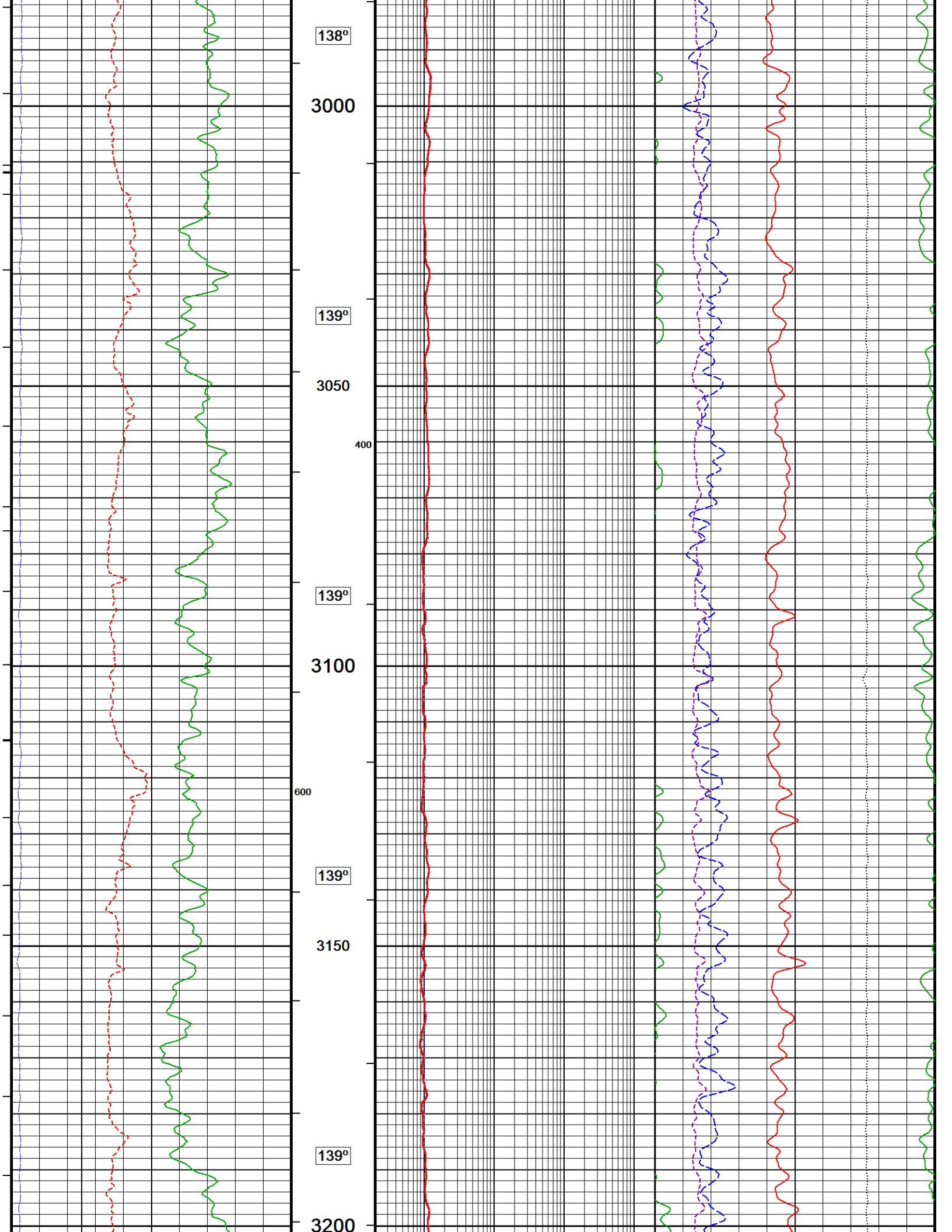


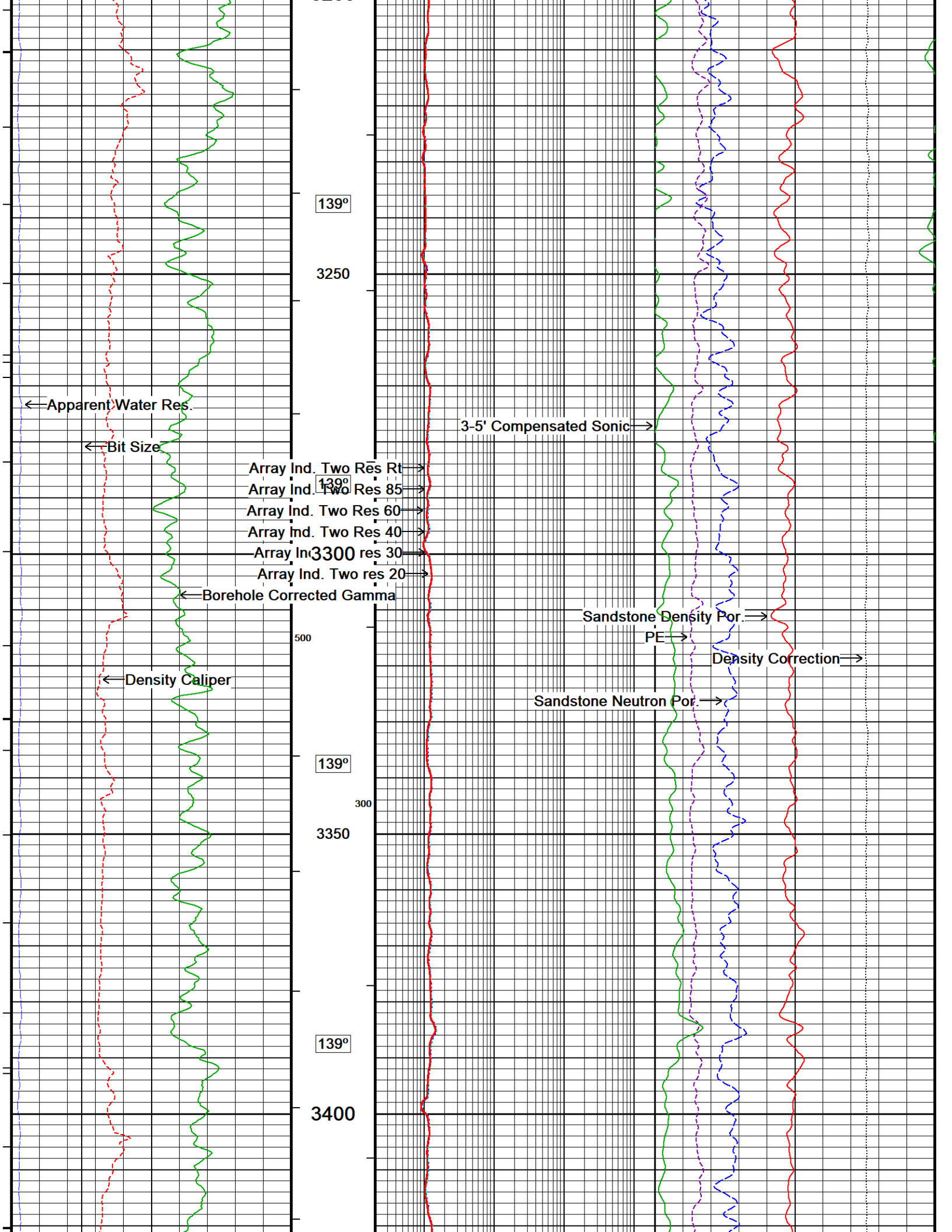


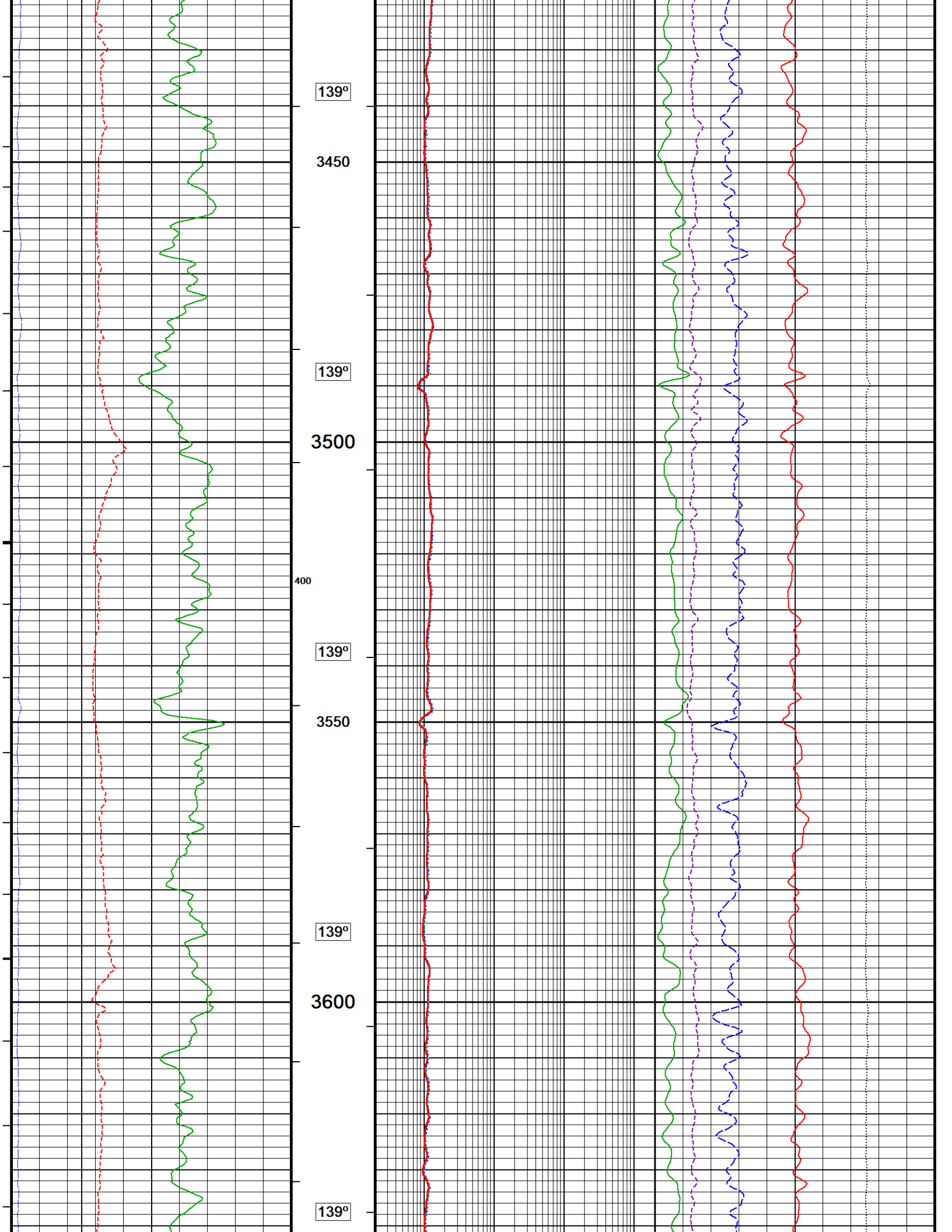


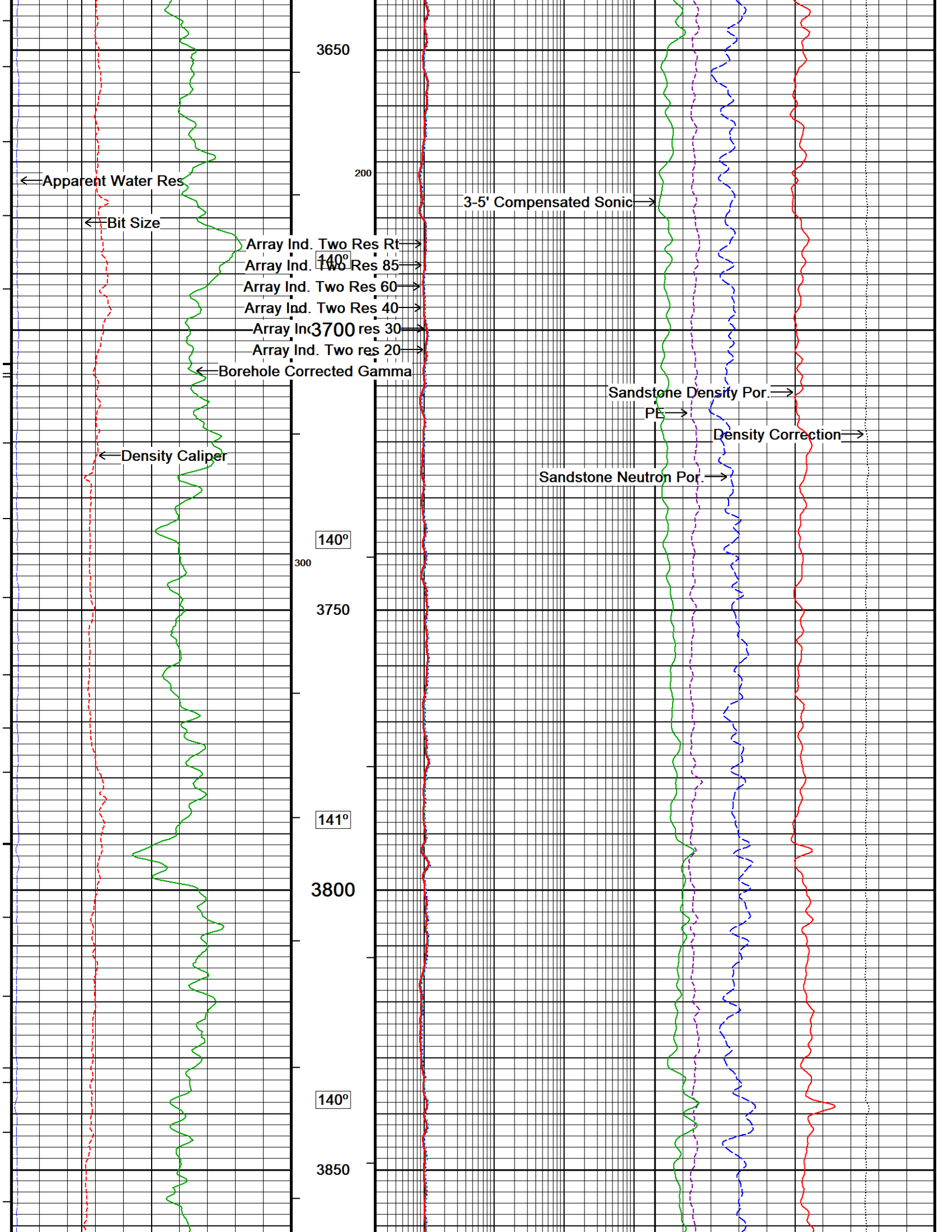


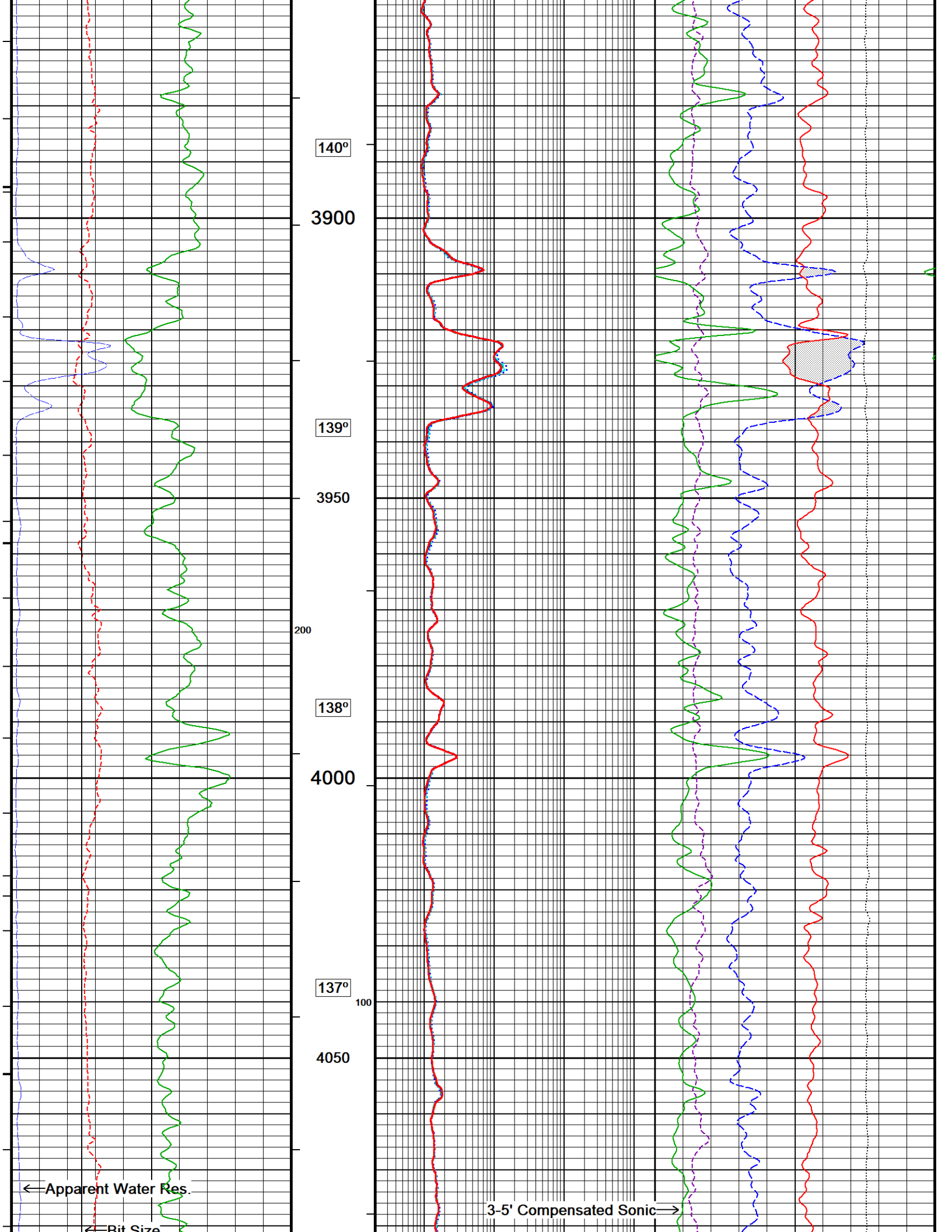








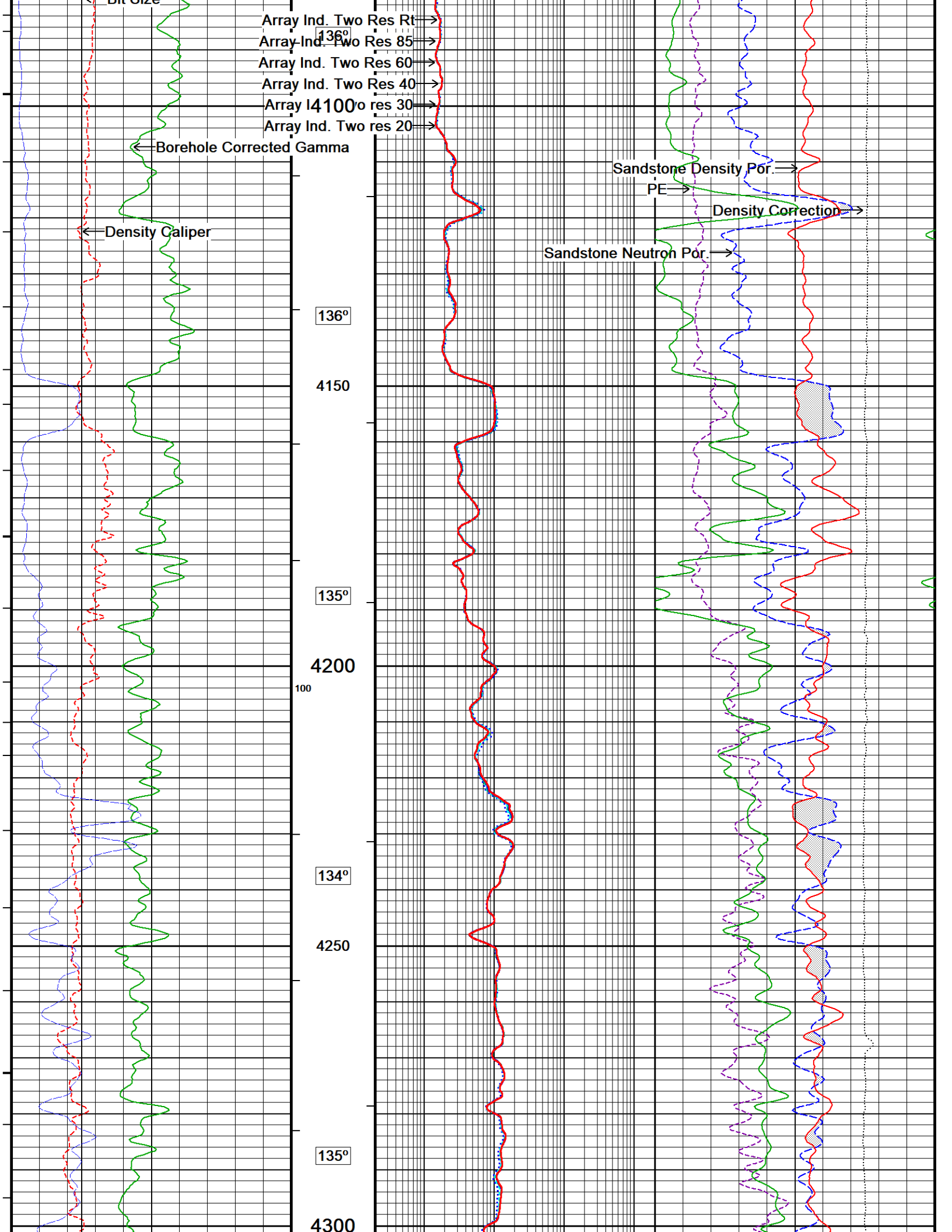




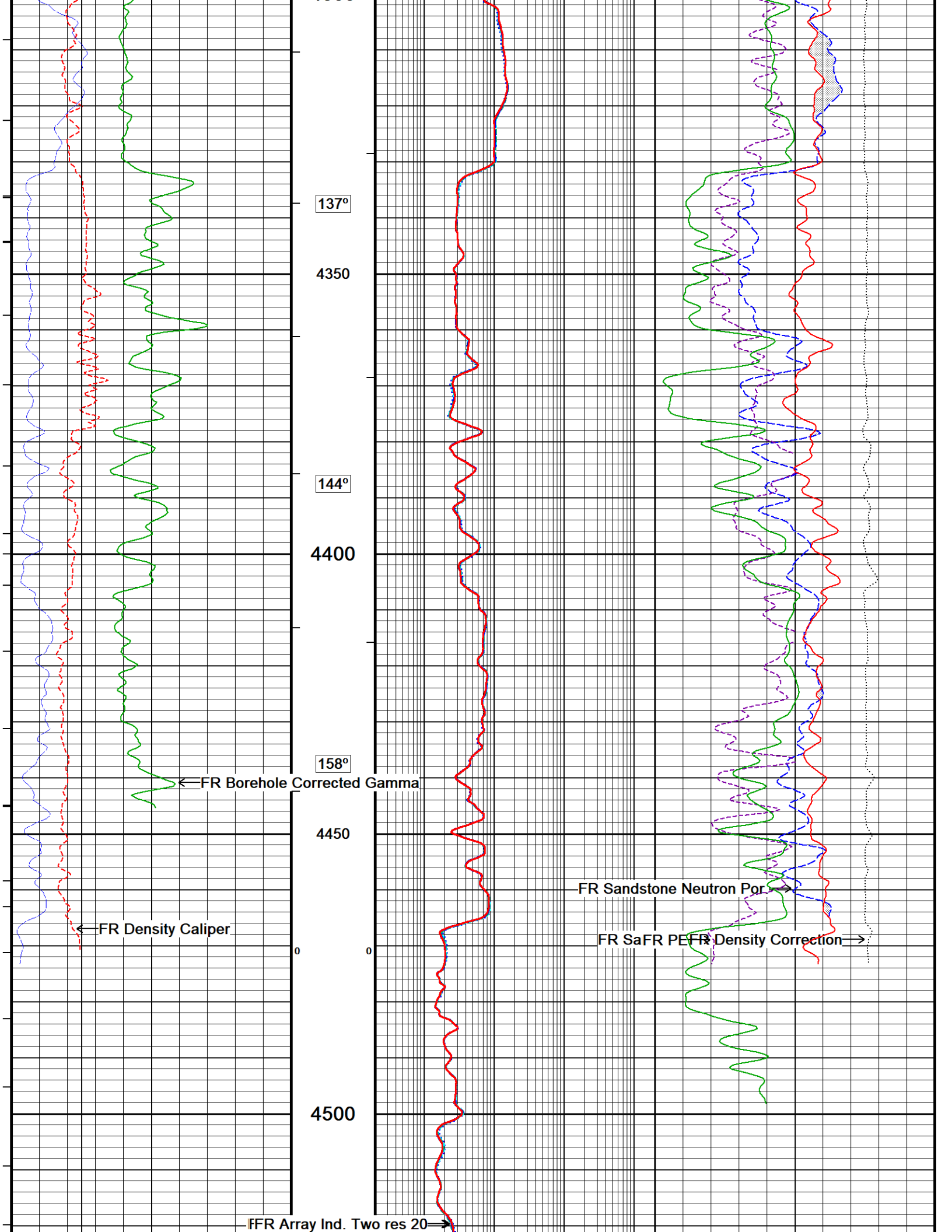
← Apparent Water Res.

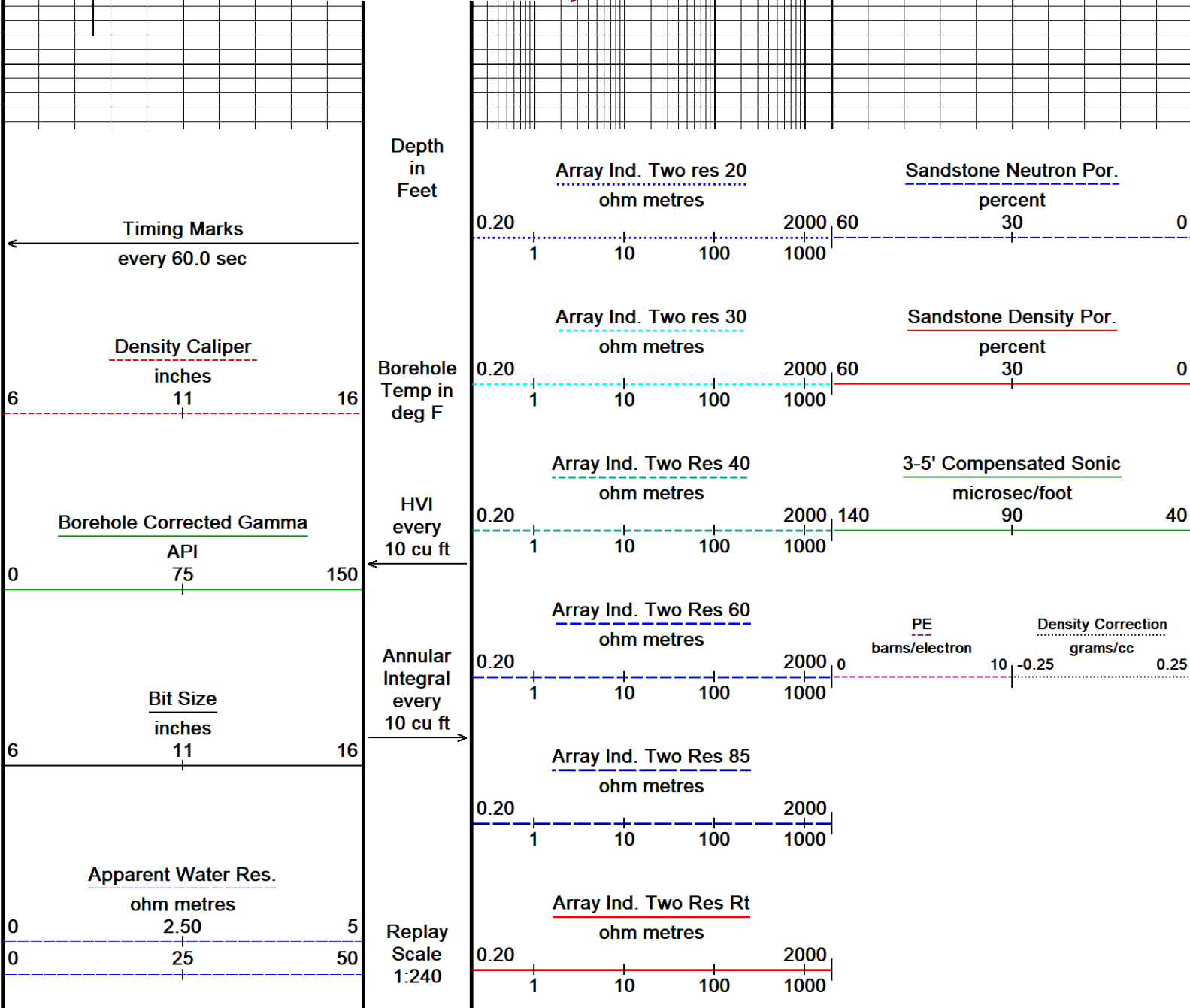
← Bit Size

3-5' Compensated Sonic →









Depth Based Data - Maximum Sampling Increment 10.0cm  
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5 INCH MAIN PASS

**BEFORE SURVEY CALIBRATION**  
 C:\Users\le181066\AppData\Local\Temp\Weatherford PreView\0\MAIN PASS.dta

General Constants All 000 Last Edited on 13-OCT-2021,13:58

<b>General Parameters</b>		
Mud Resistivity	2.980	ohm-metres
Mud Resistivity Temperature	75.000	degrees F
Water Level	0.000	feet
Borehole Fluid Processing	Water Level Switch	
<b>Hole/Annular Volume and Differential Caliper Parameters</b>		
HVOL Method	Single Caliper	
HVOL Caliper 1	Density Caliper	
HVOL Caliper 2	N/A	
Annular Volume Diameter	5.500	inches
Caliper for Differential Caliper	Density Caliper	

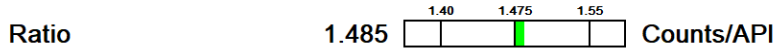
Rwa Parameters	Base Density Porosity
Porosity used	Array Ind. Two Res Rt
Resistivity used	0.620
RWA Constant A	2.150
RWA Constant M	0.000
SW/APOR Tool Source	

Gamma Calibration MGS-D.A 219

Field Calibration on 11-OCT-2021 20:37

	Measured	Calibrated (API)
Background	152	102
Calibrator (Gross)	923	621
Calibrator (Net)	771	519

Gamma Calibration Tolerances MGS-D.A 219



Gamma Constants MGS-D.A 219

Last Edited on 12-OCT-2021,09:53

Gamma Calibrator Number	119	
GRC-M Calibrator Jig in Use?	NO	
Inactive Background Jig in Use?	NO	
Mud Density	1.34	gm/cc
Caliper Source for Processing	Density Caliper	
Tool Position	Eccentred	
Potassium Equivalence	Chloride	
K Mud Concentration	0.00	%

High Resolution Temperature Calibration MGS-D.A 219

Field Calibration on 05-OCT-2021 10:30

	Measured	Calibrated(Deg F)
Lower	0.00	0.00
Upper	200.00	200.00

High Resolution Temperature Constants MGS-D.A 219

Last Edited on 05-OCT-2021 10:30

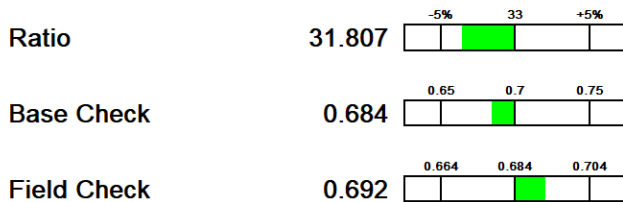
Pre-filter Length	11
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Neutron Calibration MDN-C.A 532

Base Calibration on 23-SEP-2021 16:44  
Field Check on 11-OCT-2021 20:24

	Measured		Calibrated (cps)	
	Near	Far	Near	Far
Ratio	2888	91	3714	110
	31.807		33.764	
Field Calibrator at Base			Calibrated (cps)	
Ratio			2380	3479
			0.684	
Field Check			Calibrated (cps)	
Ratio			2126	3070
			0.692	

Neutron Calibration Tolerances MDN-C.A 532



Neutron Constants MDN-C.A 532

Last Edited on 13-OCT-2021,13:58

Neutron Source Id	P44385B	
Neutron Jig Number	NEC-D-082	
Air Hole Processing	Modified Ratio	
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
Salinity Correction	Not Applied	
Formation Fluid Salinity Source	None	
Formation Fluid Salinity	N/A	kppm
Barite Mud Correction	Applied	

Sonic Constants MSS-D.A 401

Last Edited on 13-OCT-2021,13:59

Maximum Boundary Contrast	70.00	micro-sec/ft
Fluid Transit Time	177.00	micro-sec/ft
Limestone Transit Time	47.50	micro-sec/ft
Sandstone Transit Time	55.50	micro-sec/ft
Dolomite Transit Time	43.50	micro-sec/ft
Sonic used for Porosities	3-5' Compensated Sonic	
Correction for Sonde Skew	Applied	
Cycle Stretch Algorithm	Applied	
MN3FT	N/A	micro-sec
MX3FT	N/A	micro-sec
Hunt-Raymer Constant	83.13	micro-sec/ft

Sonde Mode Full Waveform  
Hole Type Open Hole

Sonde Parameters

	Measured	Calibrated
Offset		0.0000
Free Pipe	0.0000	

Peak Amplitude Source

Waveform	Start Time (micro-sec)	Width (micro-sec)	Pre Gain	Start Gain	Discriminator (mV)
3'	N/A	N/A	N/A	N/A	N/A
4'	N/A	N/A	N/A	N/A	N/A
5'	N/A	N/A	N/A	N/A	N/A
6'	N/A	N/A	N/A	N/A	N/A

Processed Fixed Gate Parameters

Waveform Used For Processing	3 foot			
Start Time (micro-sec)	End Time (micro-sec)	Discriminator (mV)	Depth (ft)	
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	0.00	0.00	0.00	

Full Waveform Parameters

Use 3' Waveform to derive TR	No
Use 4' Waveform to derive TR	No
Use 5' Waveform to derive TR	No
Use 6' Waveform to derive TR	No
3' Waveform Discriminator Level	0.30 mV
4' Waveform Discriminator Level	0.30 mV
5' Waveform Discriminator Level	0.15 mV
6' Waveform Discriminator Level	0.15 mV

Waveform Discriminator Filter	Not Applied
Semblance Window Width	150.00 micro-sec
Semblance Processing Enabled	Yes
Tracking Boxes Enabled In Processing	Yes

Induction Calibration MAI-C.A 516

Factory Loop Calibration 05-JUL-2021 11:47  
Field Check on 11-OCT-2021 20:10

Factory Loop Calibration

High Conductivity Reference Resistor	3.3 ohm
Low Conductivity Reference Resistor	333.3 ohm

Array	Measured Signal (unitless)		Reference Conductivity (mmho/m)		Calibration	
	Low	High	Low	High	Gain	Offset
1 (near)	16.0	461.3	9.3	966.2	2.149	-25.1
2	6.3	374.6	7.6	821.4	2.210	-6.3
3	4.2	254.3	5.2	566.0	2.242	-4.1
4 (far)	1.9	131.3	2.6	279.2	2.138	-1.6
Array Temperature	76.1		Deg F			

Tool Checks 24-SEP-2021 19:58

Array	Factory Reference (mmho/m)		Before Survey (mmho/m)		Array Temperature	Deg F
	Low	High	Low	High		
1 (near)	-3.8	2086.8	-4.3	2085.5	81.4	51.5
2	13.1	1917.9	12.6	1916.9		
3	12.7	1662.1	12.2	1661.2		
4 (far)	9.7	1122.5	9.5	1121.8		

Tool Zero Corrections

Array	Low	High	mmho/m
1 (near)	0.0	0.0	mmho/m
2	0.0	0.0	mmho/m
3	0.0	0.0	mmho/m
4 (far)	0.0	0.0	mmho/m

Induction Check Tolerances MAI-C.A 516

Low Array 1	-4.3		mmho/m	High Array 1	2085.5		mmho/m
Low Array 2	12.6		mmho/m	High Array 2	1916.9		mmho/m
Low Array 3	12.2		mmho/m	High Array 3	1661.2		mmho/m
Low Array 4	9.5		mmho/m	High Array 4	1121.8		mmho/m

Induction Constants MAI-C.A 516

Last Edited on 13-OCT-2021,13:59

Induction Model	RtAP-WBM		
Borehole Correction Constants	No		
Tool Centred	No		
Hole Size Source	Density Caliper		
Hole Size Constant Value	N/A	inches	
Stand-off Type	Pineapple		
Stand-off	0.49	inches	
Number of Fins on Stand-off	5.0000		
Stand-off Fin Angle	72.00	degrees	
Stand-off Fin Width	1.3878	inches	
Rm Source	Global Value: Temperature Corrected		
Temp. for Rm Corr.	MGS External Temperature		
Borehole Correction Method	Default		
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

Symmetrised Receiver Gains

Receiver 1	1.00
Receiver 2	1.00
Receiver 3	1.00
Receiver 4	1.00

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	1.00	v/v
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	

Photo Density Calibration MPD-D.A 497

Base Calibration on 04-OCT-2021 13:35  
Field Check on 11-OCT-2021 20:18

Density Calibration

Base Calibration	Measured		Calibrated (sdu)	
	Near	Far	Near	Far
Background	1074	1256		
Reference 1	42519	20414	59819	31201
Reference 2	17597	2172	25087	2540

Field Check at Base

1074.4 1255.9

Field Check

1087.3 1261.6

PE Calibration

Base Calibration	WS	Measured		Calibrated Ratio
		WH	Ratio	
Background	205	962		
Reference 1	19409	42362	0.464	0.370
Reference 2	5603	17476	0.327	0.273

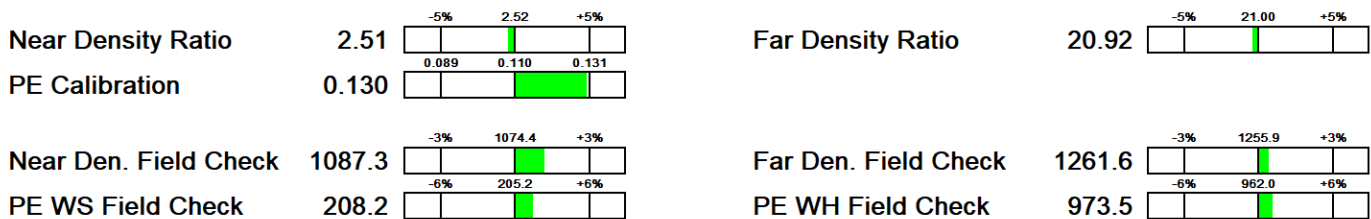
Field Check at Base

205.2 962.0

Field Check

208.2 973.5

Photo Density Calibration Tolerances MPD-D.A 497



Density Constants MPD-D.A 497

Last Edited on 12-OCT-2021,09:53

Density Source Id	P44268B	
Nylon Calibrator Number	DNCE642	
Aluminium Calibrator Number	DACD612	
Density Shoe Profile	4 inch	
Caliper Source for Processing	Density Caliper	
PE Correction to Density	Not Applied	
Mud Density	1.34	gm/cc
Mud Density Type	Barite	
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	
Precision Enhanced Density Processing	Applied	

Matrix Density (gm/cc) 2.65  
Depth (ft)



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	0.00

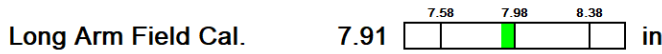
Caliper Calibration MPD-D.A 497

Base Calibration on 04-OCT-2021 13:47  
Field Calibration on 11-OCT-2021 20:13

Base Calibration		
Reading No	Measured	Calibrator Size (in)
1	16571	3.99
2	26101	5.97
3	36299	7.99
4	45912	9.86
5	57001	11.93
6	N/A	N/A

Field Calibration		
	Measured Caliper (in)	Actual Caliper (in)
	7.91	7.98

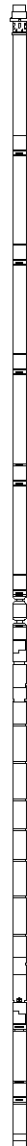
Caliper Calibration Tolerances MPD-D.A 497



## DOWNHOLE EQUIPMENT

C:\Users\le181066\AppData\Local\Temp\Weatherford PreView\0\MAIN PASS.dta

- Shuttle Running Tool 3.5"  
SRT-A.A81 LG: 5.90 ft WT: 37.5 lb OD: 2.520 in
  
- Compact Linker (MTI-C.A)  
MLK-A 4 LG: 1.54 ft WT: 13.2 lb OD: 2.240 in
  
- Compact Linker  
MLK-A 1 LG: 8.53 ft WT: 30.9 lb OD: 2.240 in
  
- Compact Linker  
MLK-A 2 LG: 8.53 ft WT: 30.9 lb OD: 2.240 in
  
- Compact Linker  
MLK-A 3 LG: 8.52 ft WT: 30.9 lb OD: 2.240 in
  
- Compact Knuckle Joint  
SKJ-E.B 736 LG: 2.17 ft WT: 24.3 lb OD: 2.244 in
  
- Lithium Battery Sub  
LBS-A.A 129 LG: 18.00 ft WT: 143.3 lb OD: 2.240 in
  
  
  
  
- Compact Memory Sub F.A  
MMS-F.A247 LG: 5.20 ft WT: 37.5 lb OD: 2.244 in
  
- Compact Swivel Head Adaptor  
SHA-J.B 707 LG: 2.30 ft WT: 22.0 lb OD: 2.244 in
  
- Compact Knuckle Joint



Compact Knuckle Joint  
SKJ-E.B 729 LG: 2.17 ft WT: 24.3 lb OD: 2.244 in

Compact Tool Isolator sub.  
MTI-C.A 150 LG: 1.54 ft WT: 13.2 lb OD: 2.244 in

Compact Short Gamma  
MGS-D.A 219 LG: 3.41 ft WT: 24.3 lb OD: 2.244 in

Compact Collar Locator  
MCL-C.A 129 LG: 3.17 ft WT: 26.5 lb OD: 2.244 in

Compact Knuckle Joint  
SKJ-E.B 739 LG: 2.17 ft WT: 24.3 lb OD: 2.244 in

Compact Swivel Head Adaptor  
SHA-J.B 724 LG: 2.30 ft WT: 22.0 lb OD: 2.244 in

Compact Inline Bowspring sub  
MIS-D.B 815 LG: 5.70 ft WT: 33.1 lb OD: 2.244 in

Compact Neutron  
MDN-C.A 532 LG: 5.04 ft WT: 50.7 lb OD: 2.244 in

Compact Density/Caliper  
MPD-D.A 497 LG: 9.59 ft WT: 90.4 lb OD: 2.244 in

Compact Vee Arm Caliper  
MVC-A.A 134 LG: 8.06 ft WT: 61.7 lb OD: 2.244 in

Compact Inline Bowspring sub  
MIS-D.B 768 LG: 5.70 ft WT: 33.1 lb OD: 2.240 in

Compact Knuckle Joint  
SKJ-E.B 726 LG: 2.17 ft WT: 24.3 lb OD: 2.244 in

Compact Inline Standoff sub  
MIS-E.B 789 LG: 2.14 ft WT: 15.4 lb OD: 2.244 in

Compact Sonic  
MSS-D.A 401 LG: 12.52 ft WT: 72.8 lb OD: 2.244 in

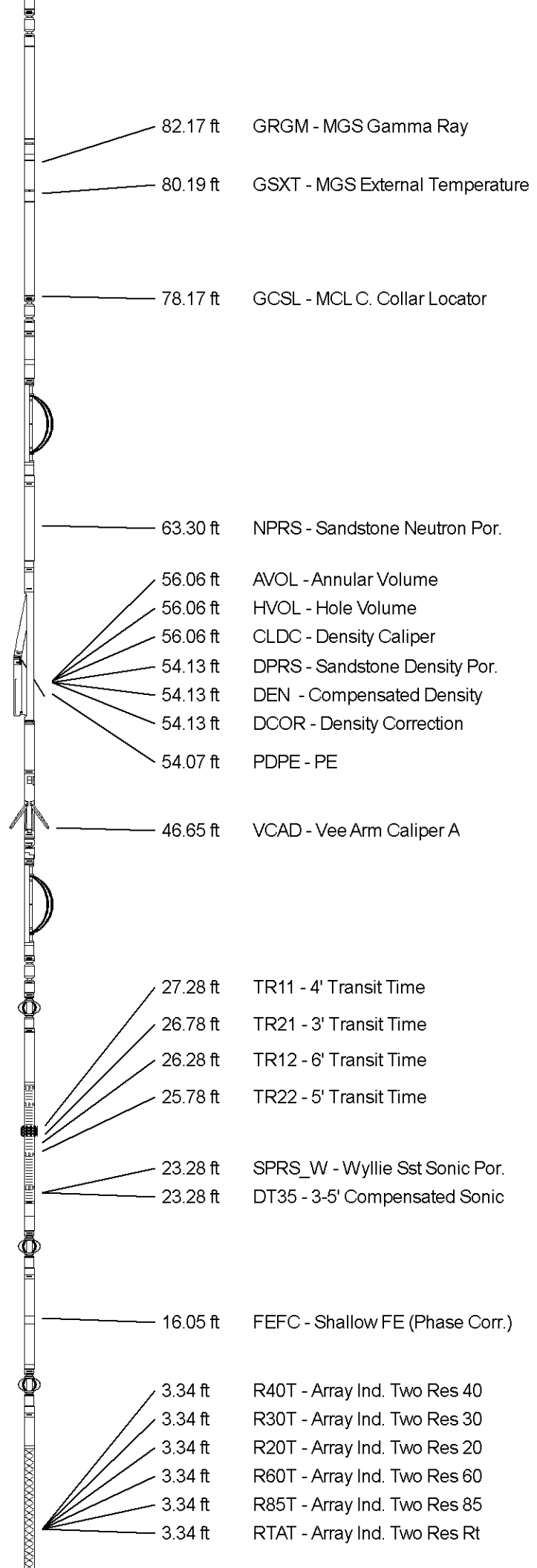
Compact Inline Standoff sub  
MIS-E.B 802 LG: 2.14 ft WT: 15.4 lb OD: 2.240 in

Compact Focussed Electric  
MFE-C.A 424 LG: 6.05 ft WT: 48.5 lb OD: 2.244 in

Compact Inline Standoff sub  
MIS-E.B 803 LG: 2.14 ft WT: 15.4 lb OD: 2.240 in

Compact Induction  
MAI-C.A 516 LG: 10.81 ft WT: 48.5 lb OD: 2.240 in

Total Length: 147.49 ft Weight: 1014.1 lb





Tool Zero (0.13ft from bottom)

All measurements relative to tool zero.

COMPANY SNAKE RIVER OIL AND GAS, LLC  
 WELL BARLOW #2-14  
 FIELD WILDCAT  
 PROVINCE/COUNTY PAYETTE  
 COUNTRY/STATE U.S.A. / IDAHO

Elevation Kelly Bushing	2176.50	feet	Last Reading	1145.00	feet
Elevation Drill Floor	2176.50	feet	First Reading	4519.70	feet
Elevation Ground Level	2164.00	feet	Depth Driller	4575.00	feet
			Depth Logger	4550.00	feet



**Weatherford**<sup>®</sup>

MEASURED DEPTH  
COMPACT QUAD COMBO