



Weatherford

**ARRAY INDUCTION
SHALLOW FOCUSED
ELECTRIC LOG**

COMPANY	MURFIN DRILLING COMPANY, INC.		
WELL	MOONRAKER #6-27		
FIELD	WILDCAT		
PROVINCE/COUNTY	LINCOLN		
COUNTRY/STATE	U.S.A. / COLORADO		
LOCATION	2300' FNL & 1500' FWL		
SEC 27	TWP 10S	RGE 56W	Other Services
Latitude	39.150720	MPD/MDN	MML
Longitude	-103.654100	MSS	
API Number	05-073-06757		
Permanent Datum GL, Elevation	5462 feet		
Log Measured From KB, 13.00 feet above Permanent Datum			
Drilling Measured From KB			
Date	20-JAN-2019		
Run Number	ONE		
Service Order	17876-235128055		
Depth Driller	8300.00	feet	
Depth Logger	8303.00	feet	
First Reading	---		
Last Reading	---		
Casing Driller	455.00	feet	
Casing Logger	443.00	feet	
Bit Size	7.875	inches	
Hole Fluid Type	CHEMICAL		
Density / Viscosity	9.40 lb/USg	90.00 sec/qt	
PH / Fluid Loss	10.50	8.00 ml/30Min	
Sample Source	FLOWLINE		
Rm @ Measured Temp	0.76 @ 94.0	ohm-m	
Rmf @ Measured Temp	0.57 @ 94.0	ohm-m	
Rmc @ Measured Temp	0.91 @ 94.0	ohm-m	
Source Rmf / Rmc	CALC	CALC	
Rm @ BHT	0.40 @179.0	ohm-m	
Time Since Circulation	5 HOURS		
Max Recorded Temp	179.00	deg F	
Equipment / Base	13096	LIB	
Recorded By	BANDAR BINOSFUR		
Witnessed By	GREGG SMITH		

Elevations:	feet
KB	5475.00
DF	5473.00
GL	5462.00

BOREHOLE RECORD Last Edited: 20-JAN-2019 13:54

Bit Size inches	Depth From feet	Depth To feet
7.875	455.00	8300.00

CASING RECORD

Type	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft
SURFACE	8.625	0.00	455.00	24.00

REMARKS

- SOFTWARE ISSUE: WLS 18.03.9344.
- RUN ONE: SHA, MCG, MML, MDN, MPD, SKJ, MFE, MSS, MAI RAN IN COMBINATION.
- RUN TWO: SHA, MCG, MSS RAN IN COMBINATION.
- HARDWARE: DUAL BOWSPRING USED ON MDN.
0.5 INCH STANDOFF USED ON MFE.
TWO 0.5 INCH STANDOFFS USED ON MSS.
0.5 INCH STANDOFF USED ON MAI.
- 2.71 G/CC LIMESTONE DENSITY MATRIX USED TO CALCULATE POROSITY.
- BOREHOLE RUGOSITY, TIGHT PULLS, AND WASHOUTS WILL AFFECT DATA QUALITY.
- CALIPERS CLOSED FROM 5707' UNTIL 5594' DUE TO CLIENT REQUEST.
- ALL INTERVALS LOGGED AND SCALED PER CUSTOMER'S REQUEST.

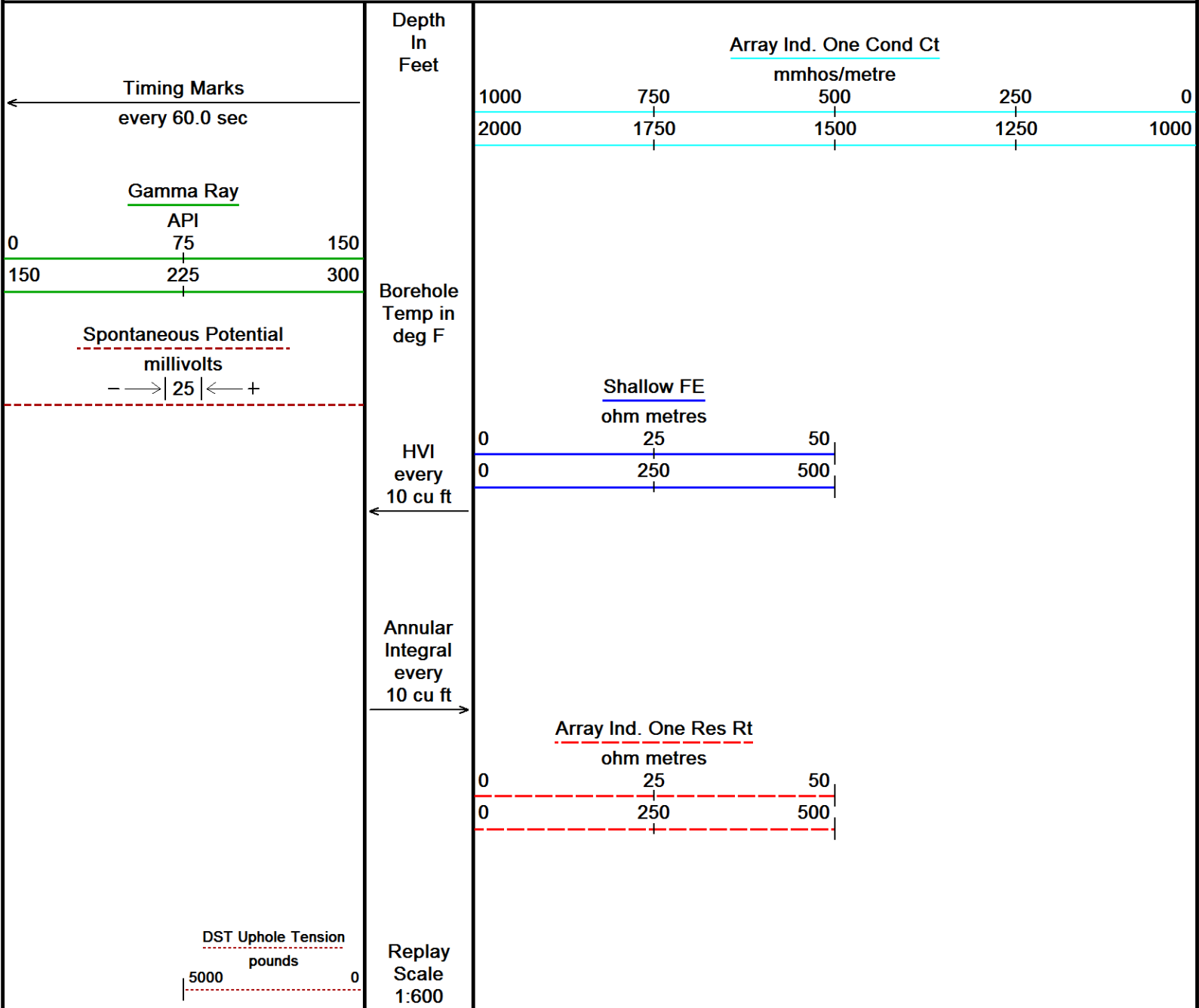
- ENGINEER: B. BINOSFUR.

- OPERATOR: B. TOVAR, B. COPELAND.

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.

2 INCH MAIN

Depth Based Data - Maximum Sampling Increment 10.0cm Plotted on 20-JAN-2019 14:05
Filename: C:\Minimus 18.03.9344\Data\Murfin Moonraker #6-27\MERGED MAIN PASS final.dta Recorded on 20-JAN-2019 03:03
System Versions: Plotted with 18.03.9344



C430g
Shoe

500

100°

600

102°

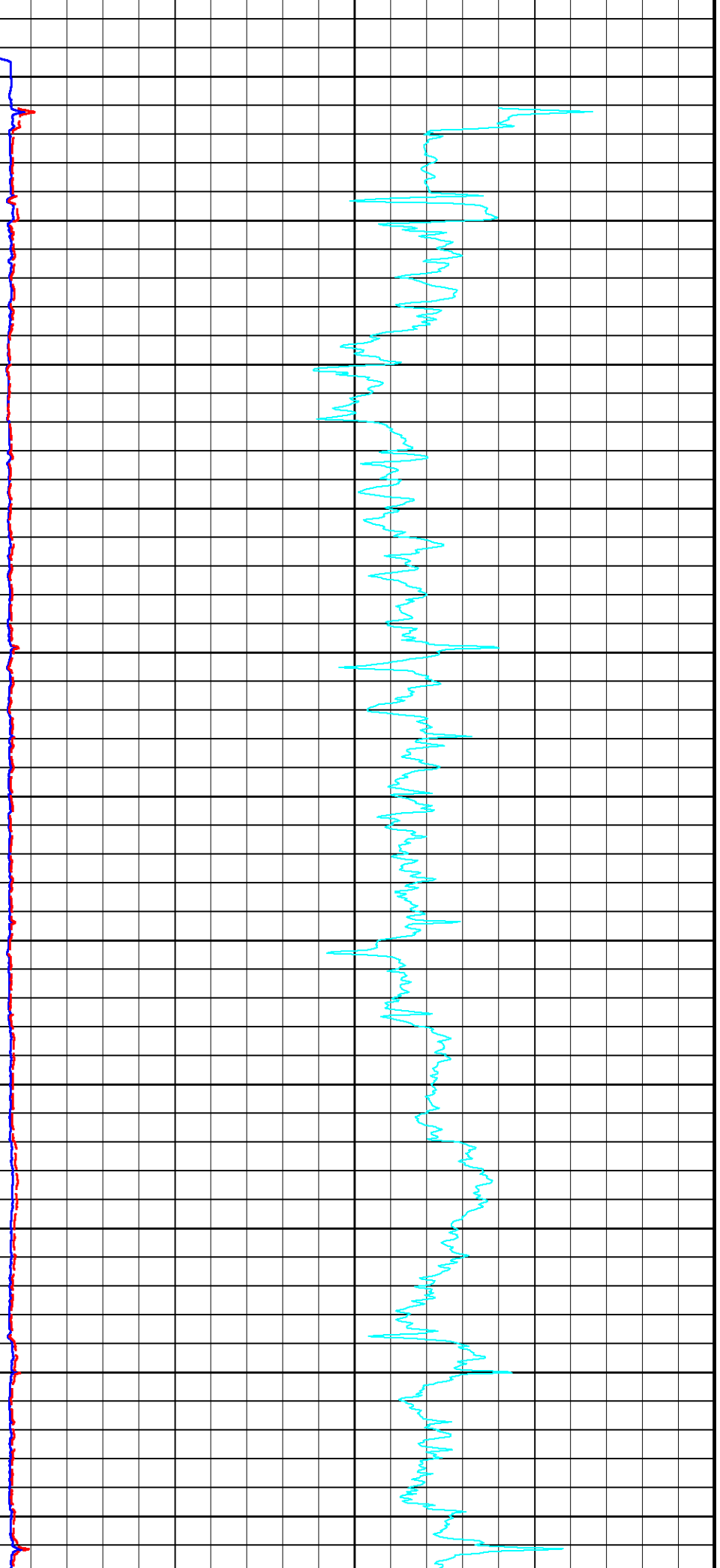
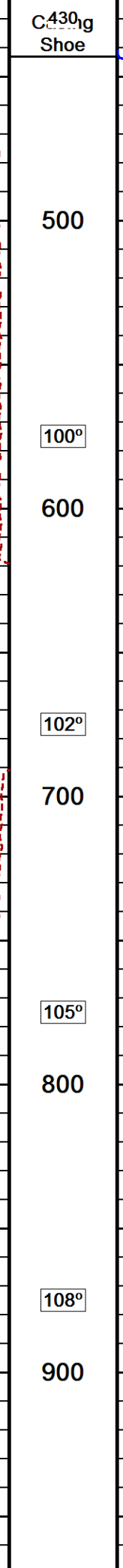
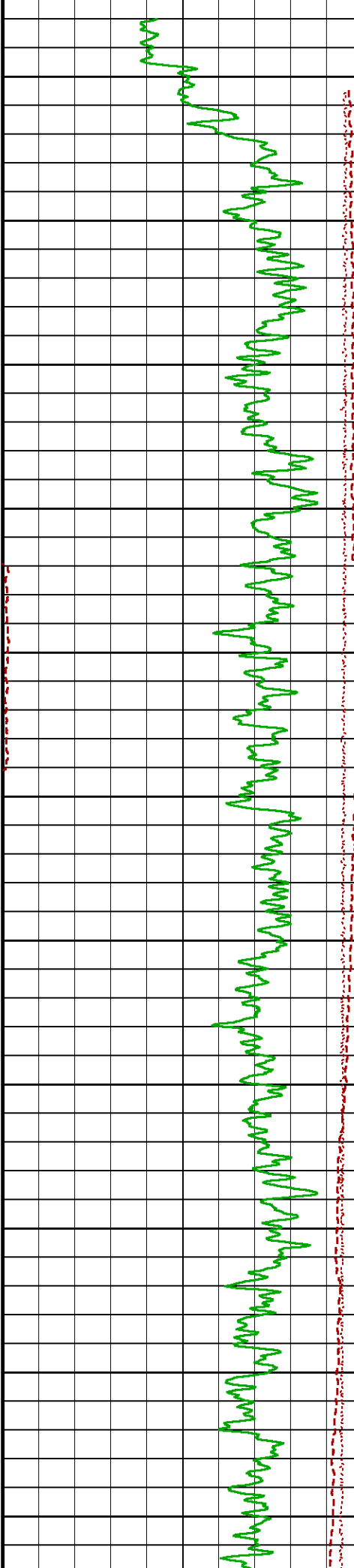
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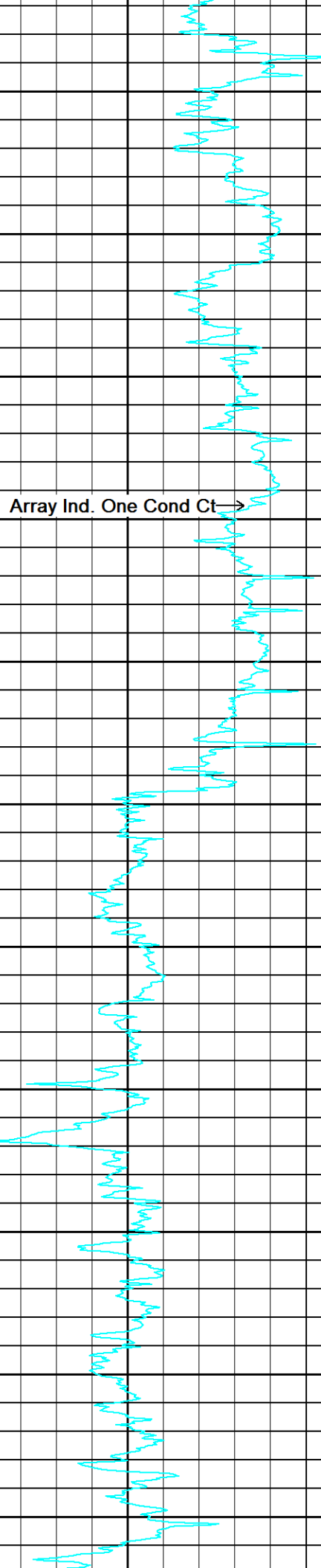
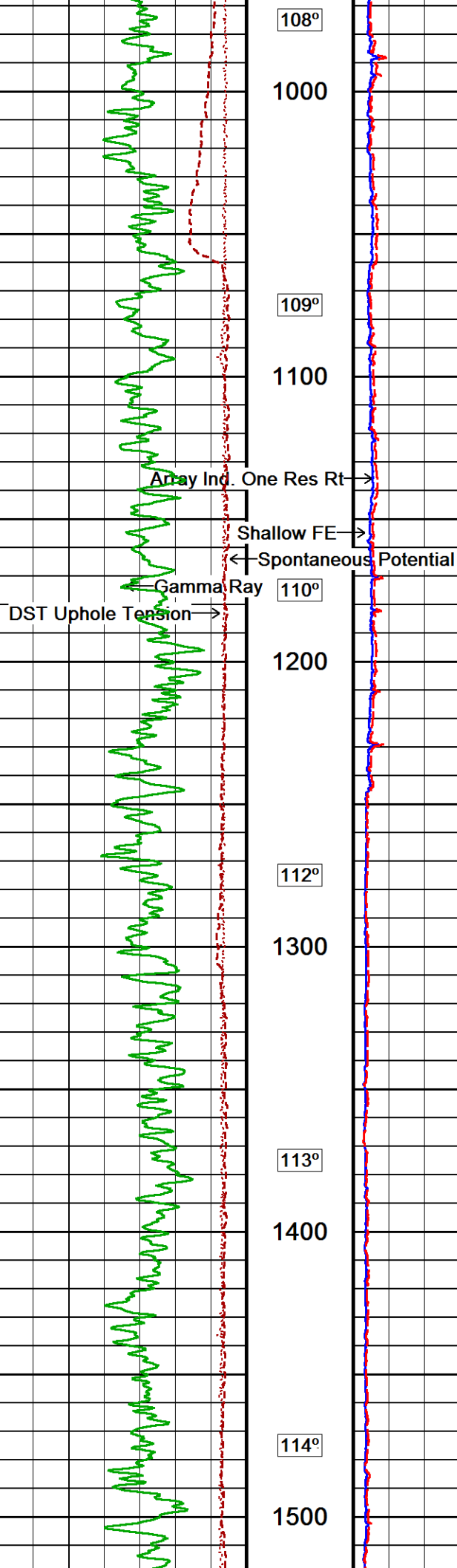
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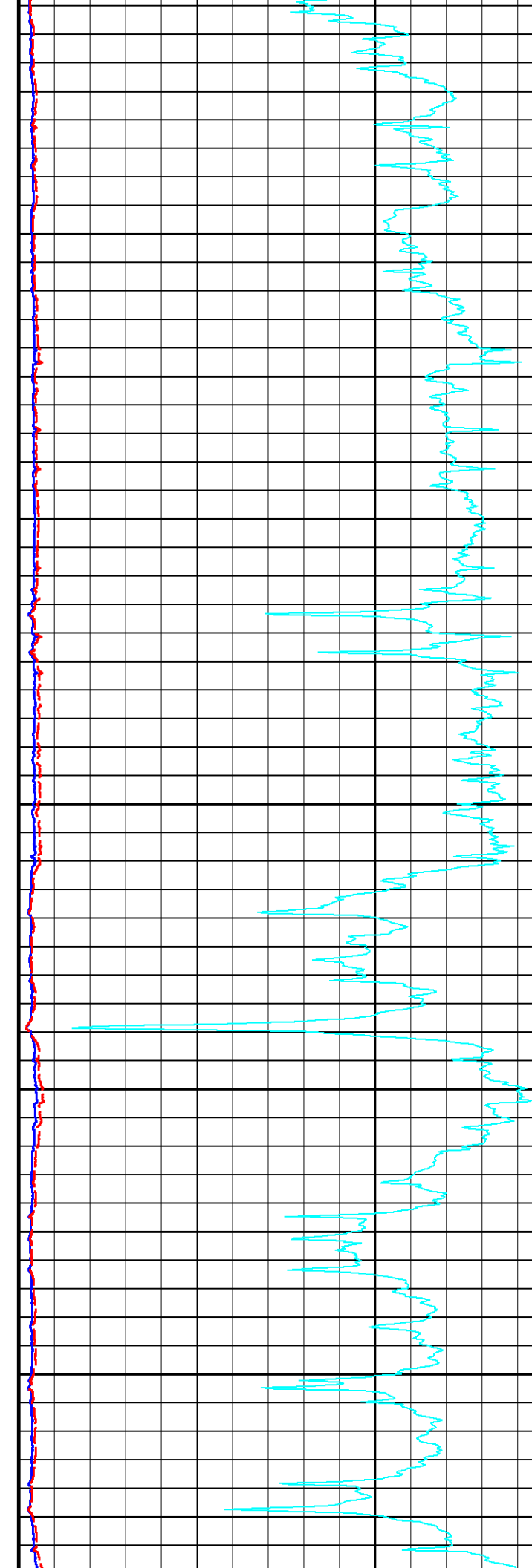
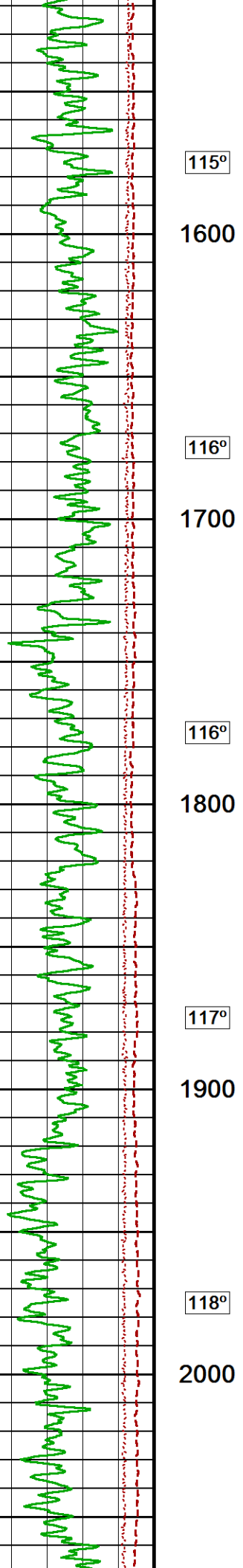
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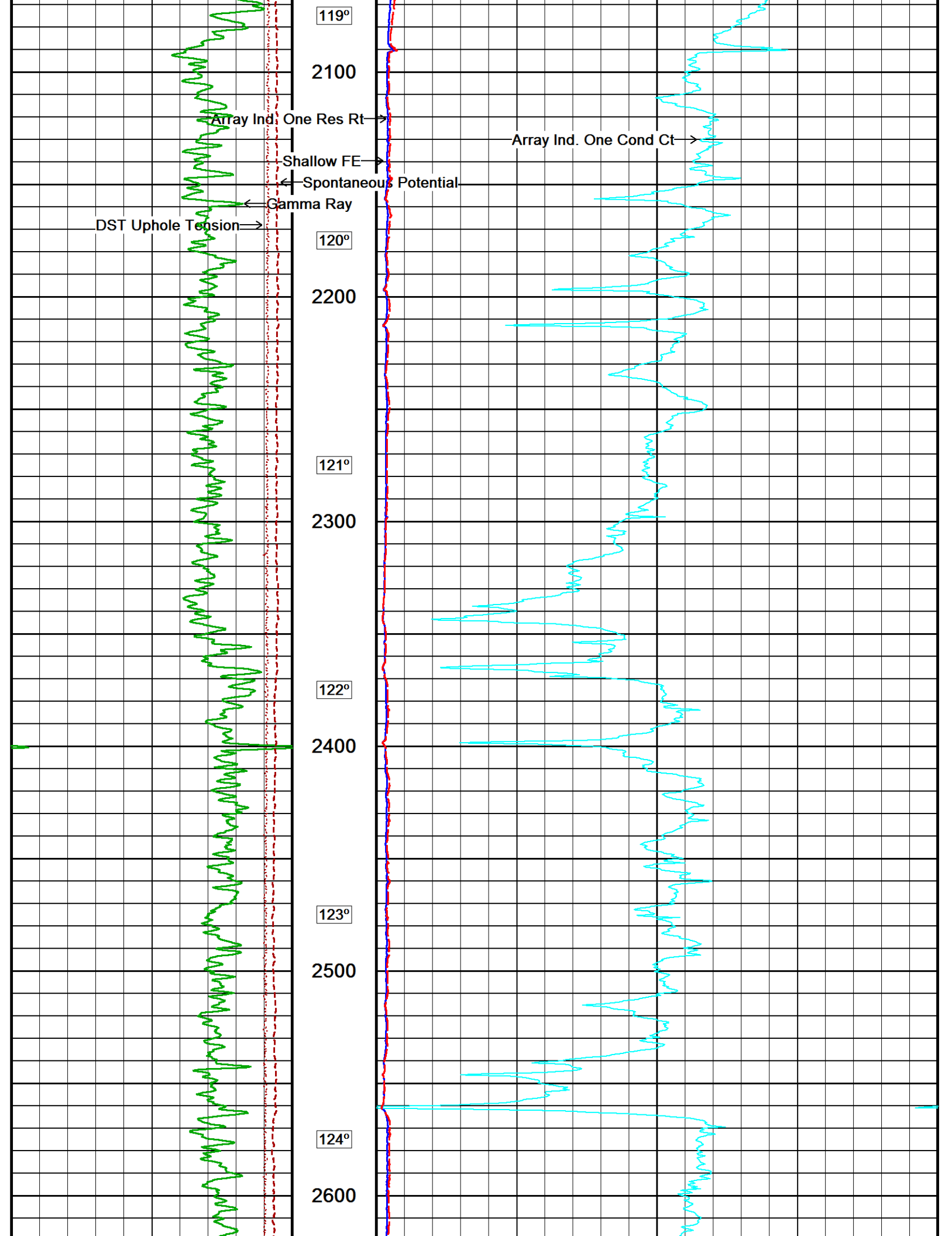
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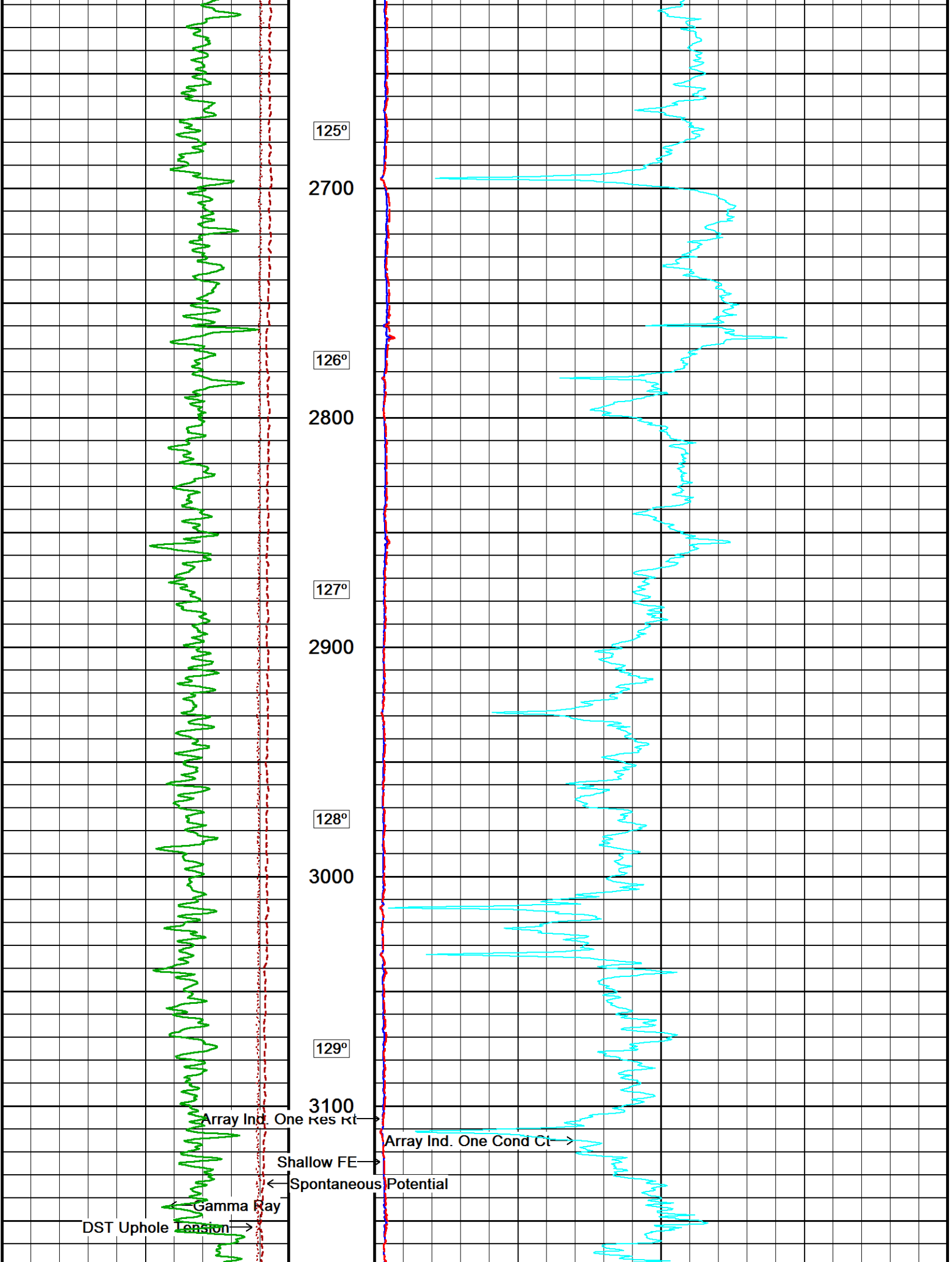
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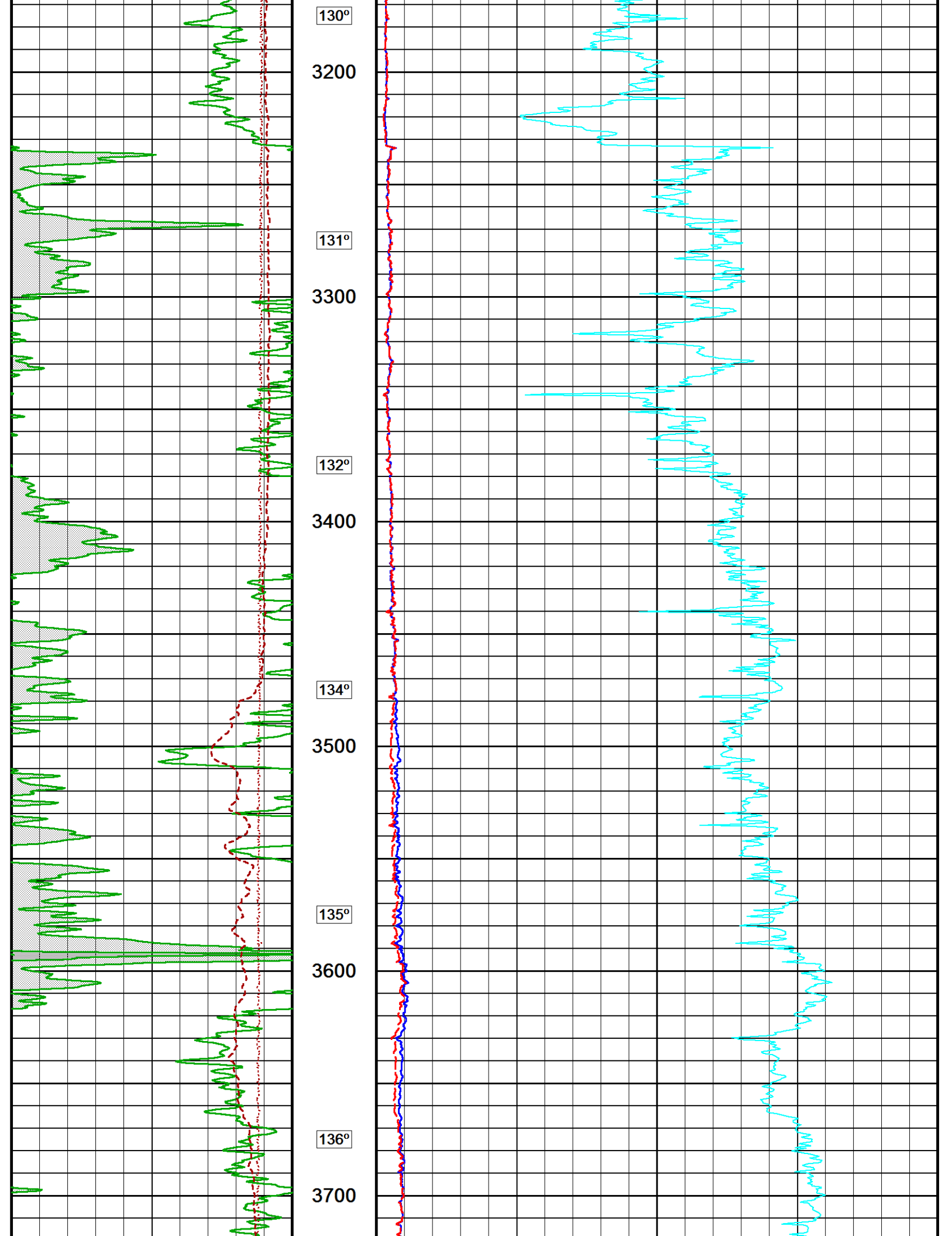


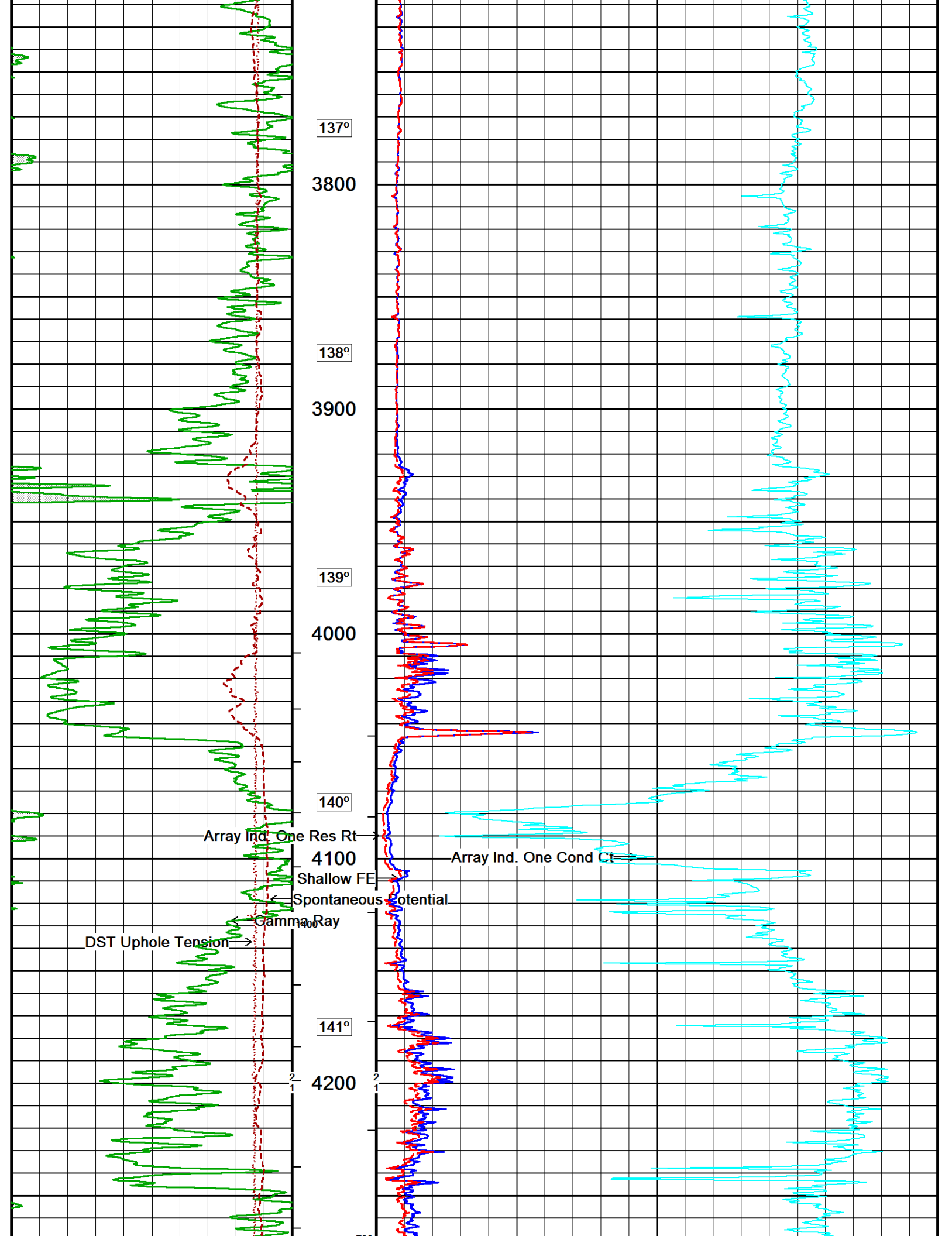


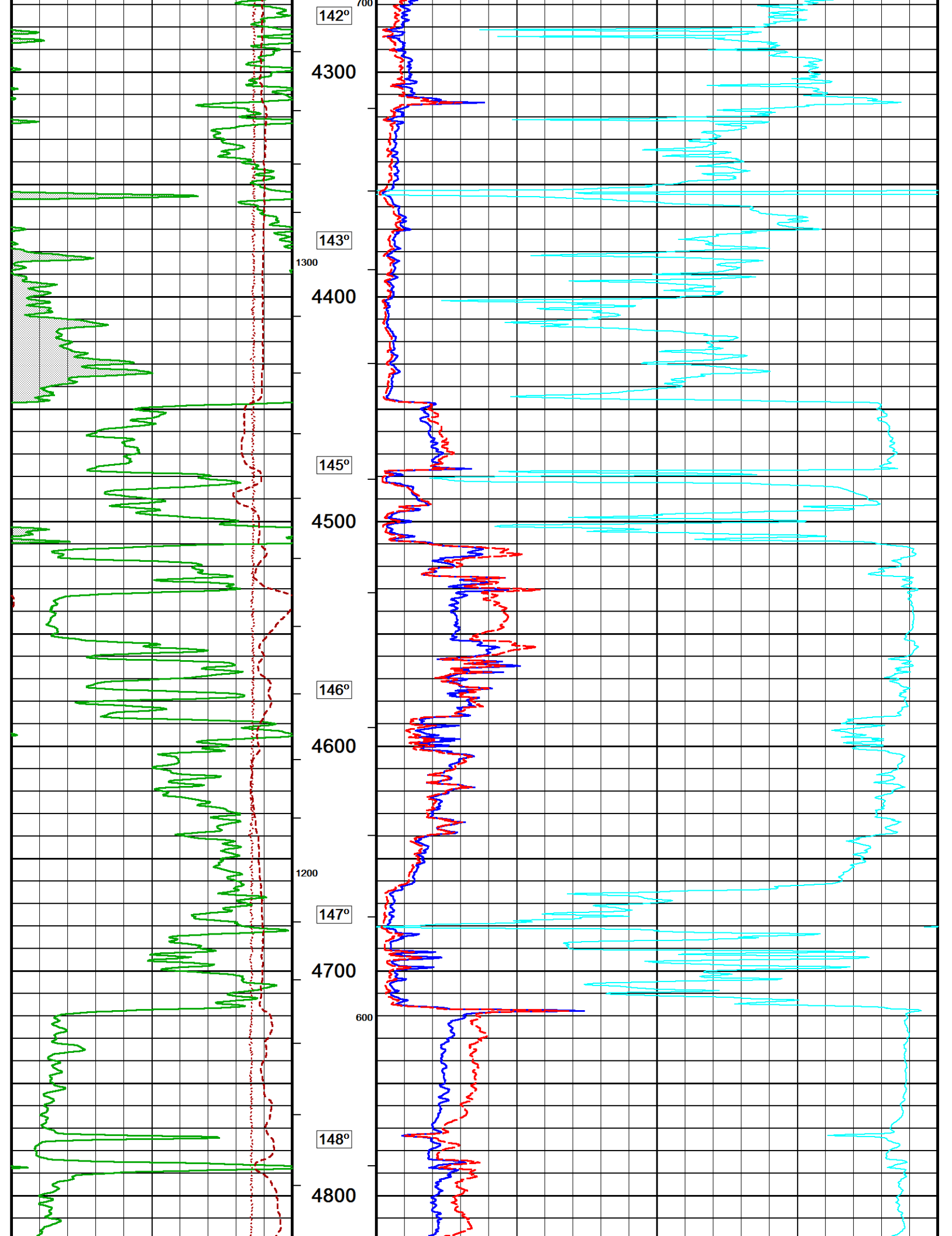


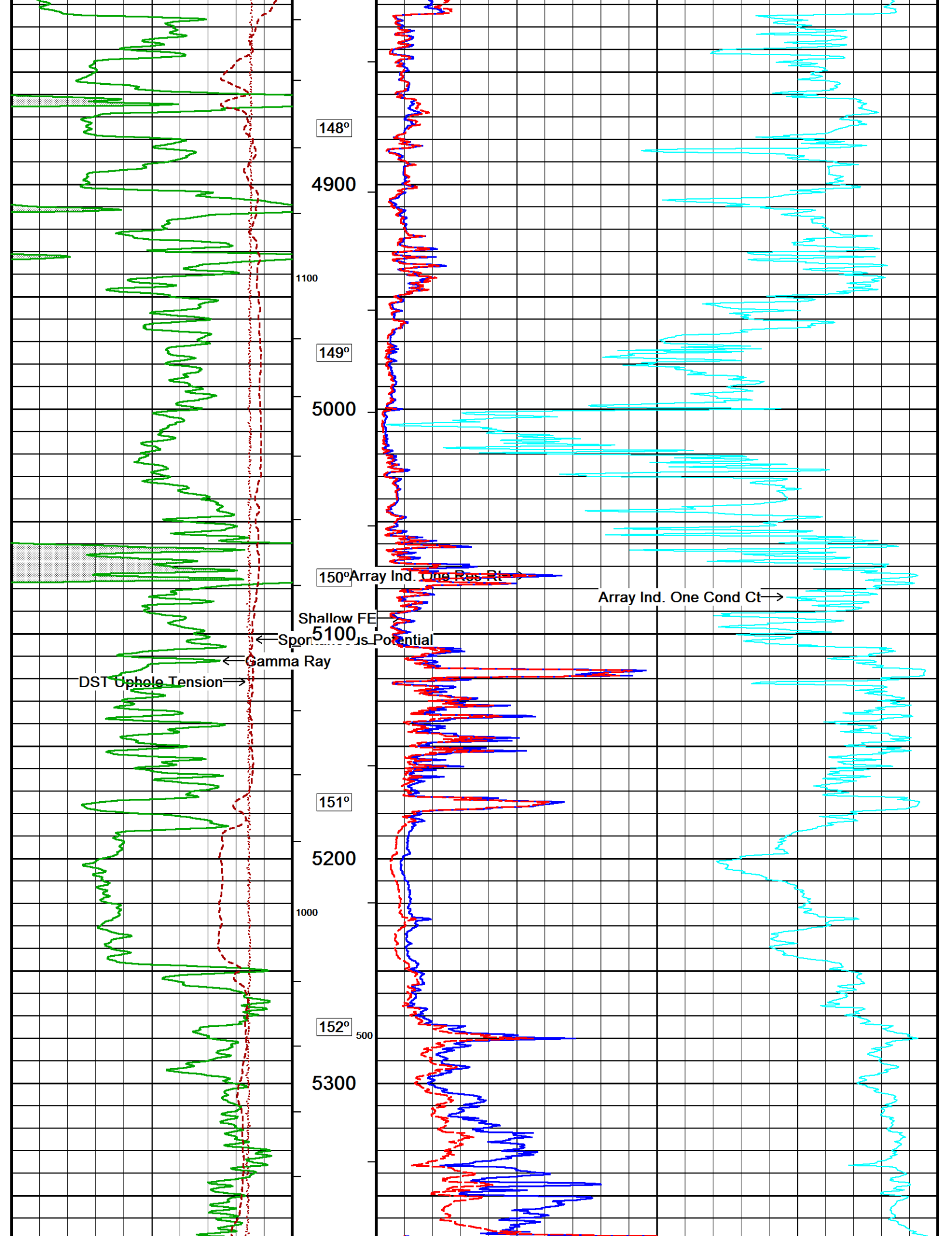


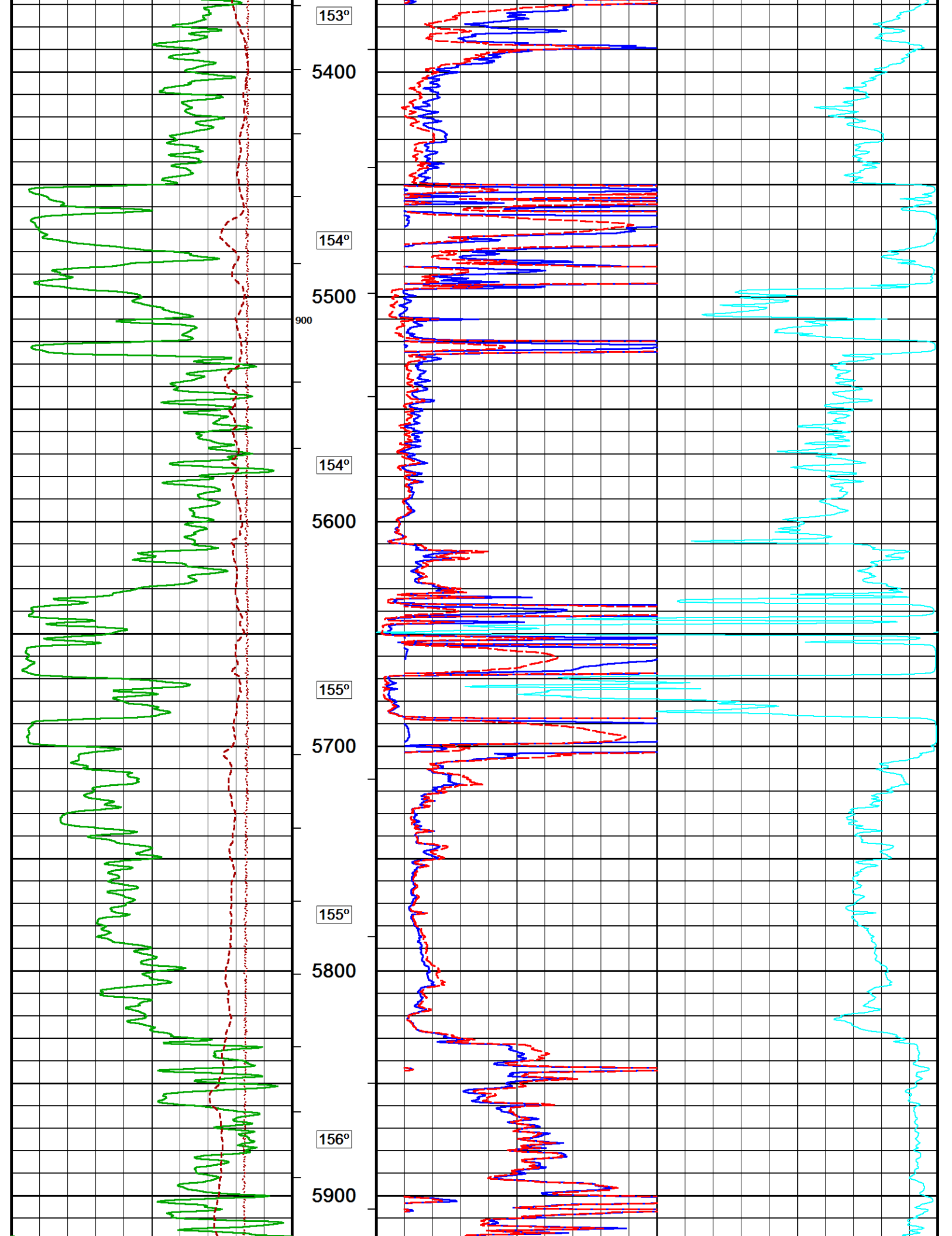


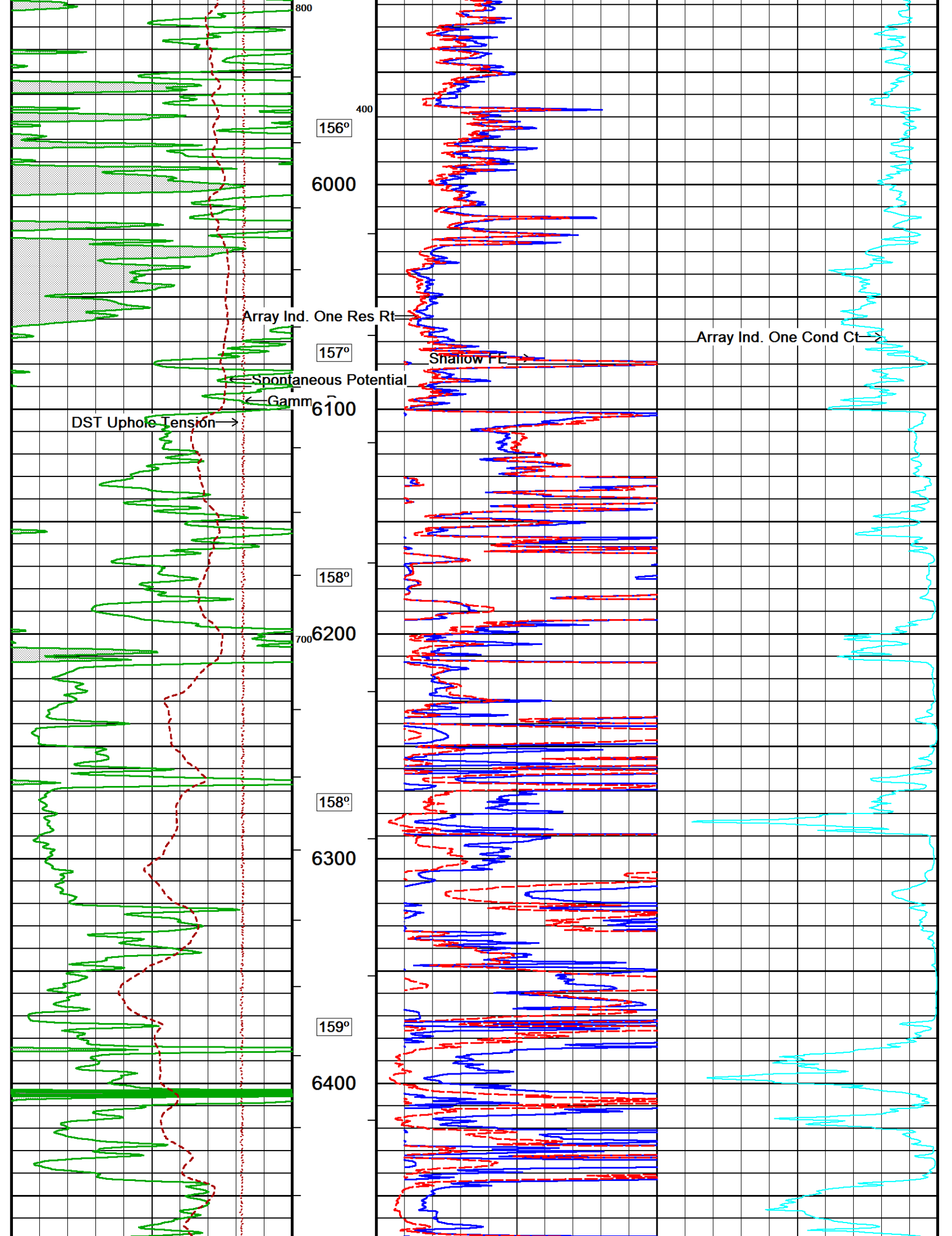


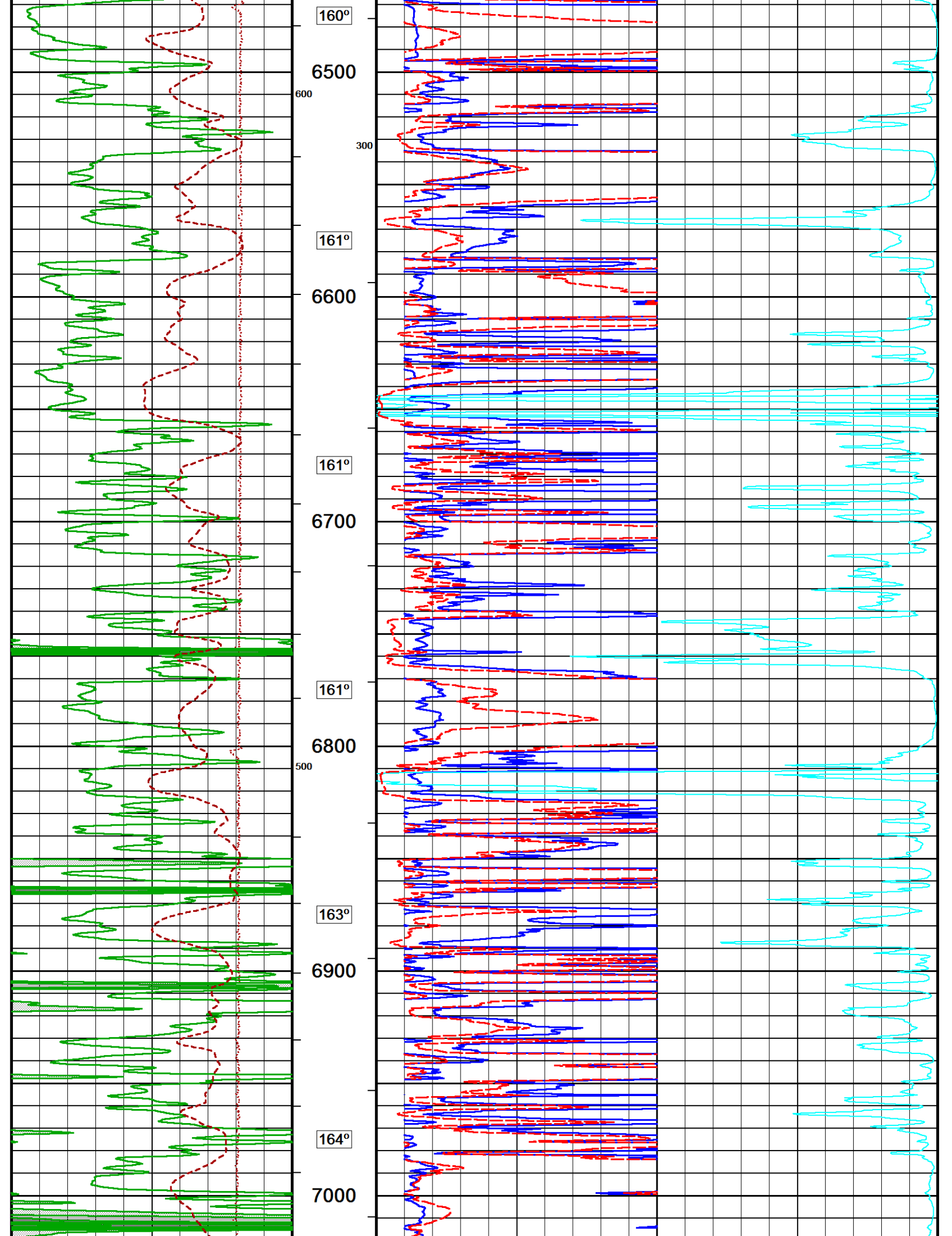


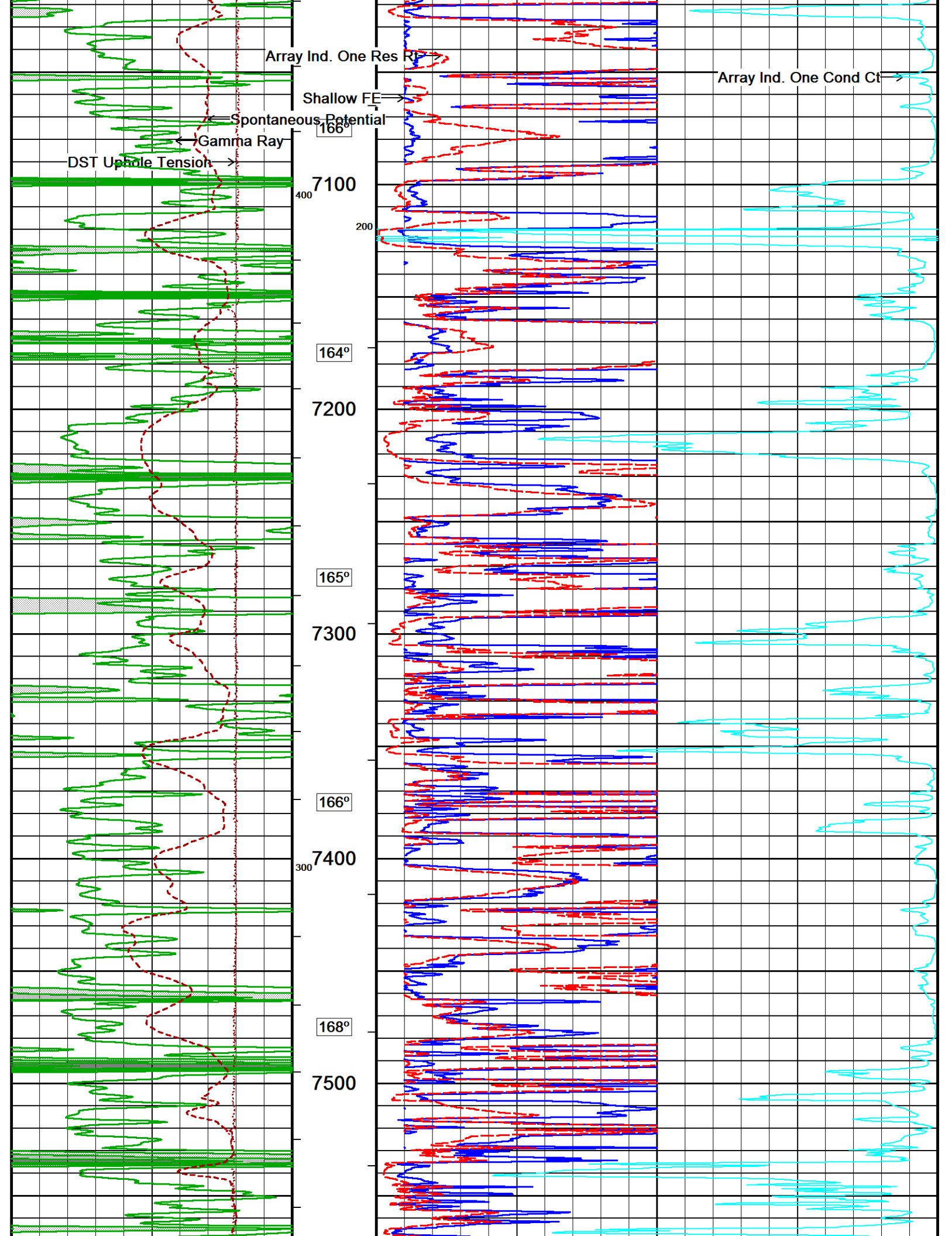


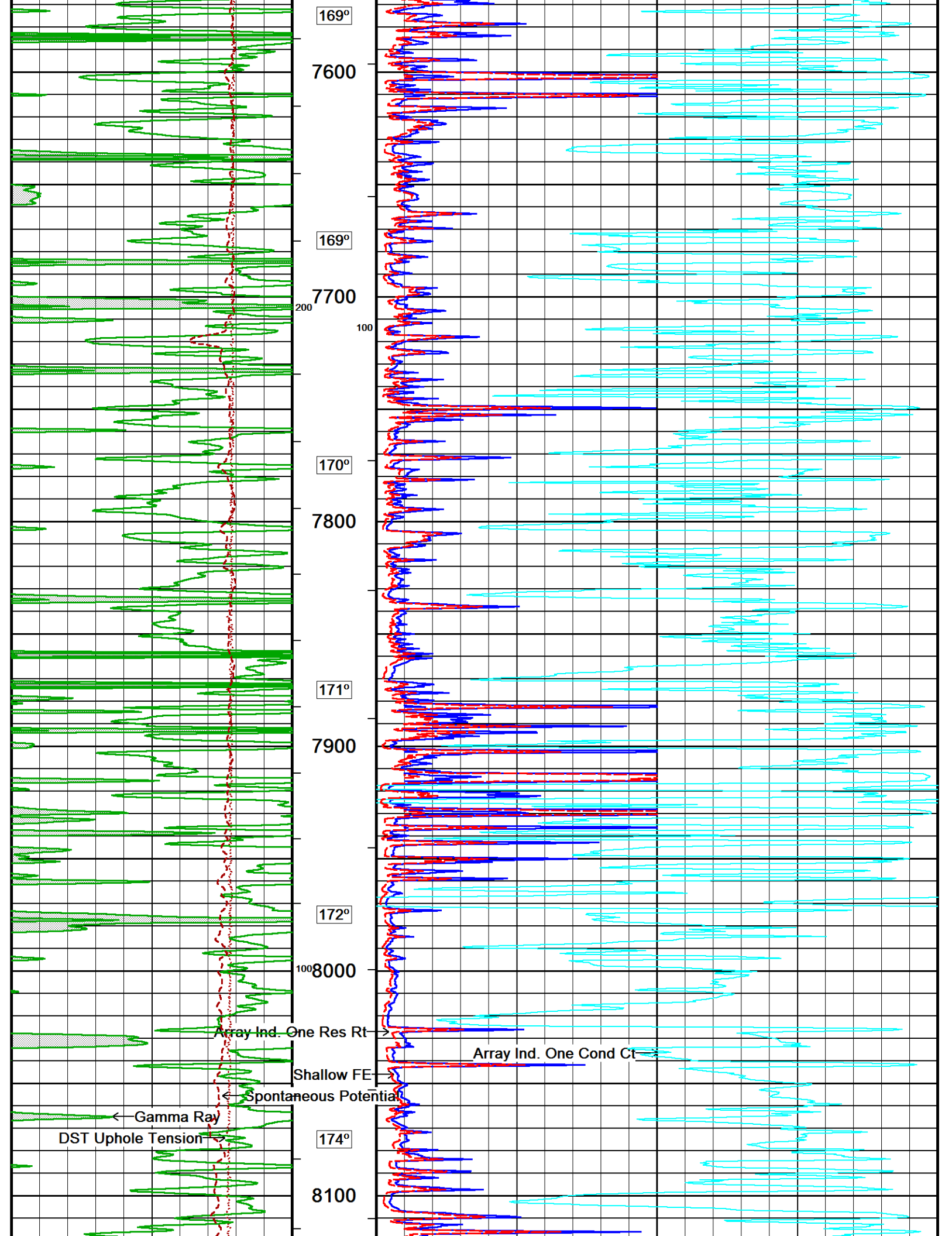


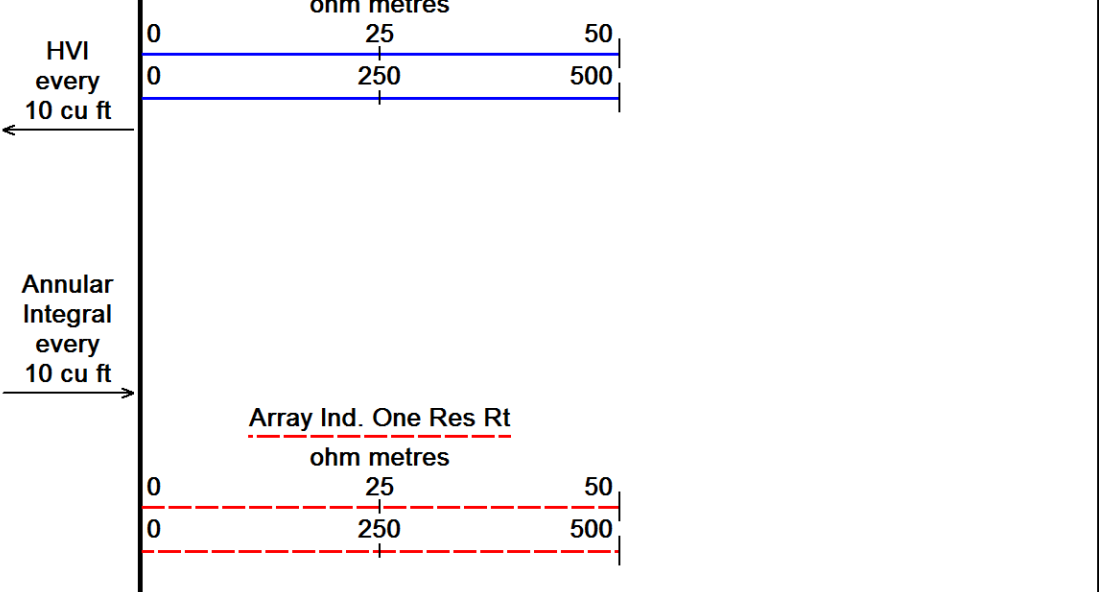
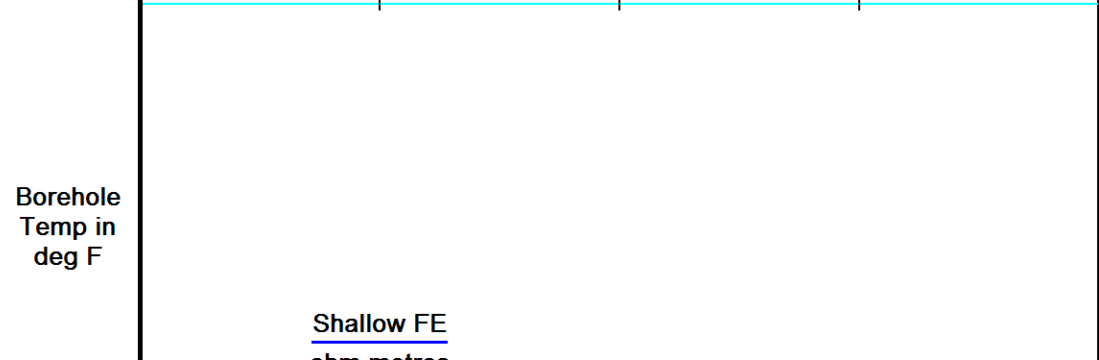
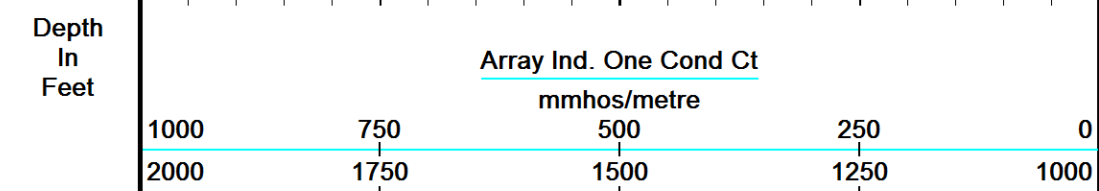
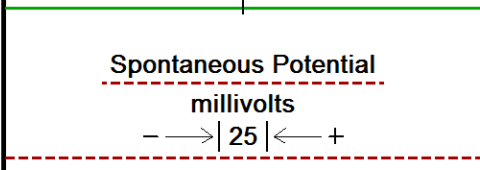
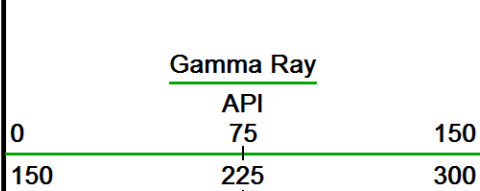
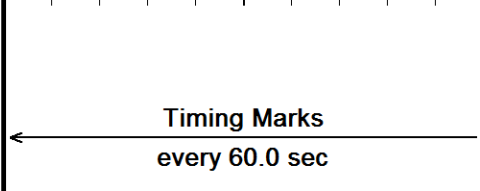
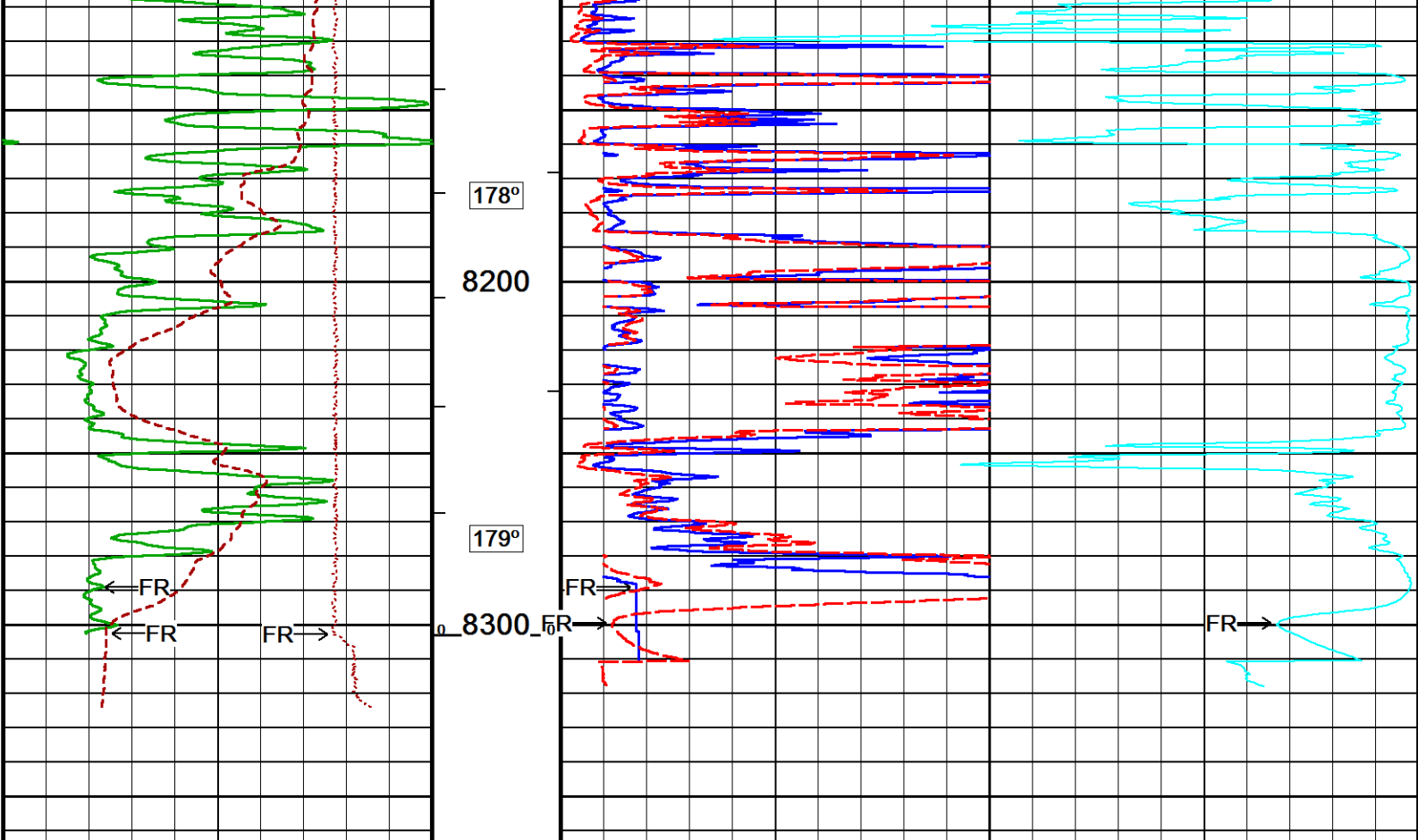


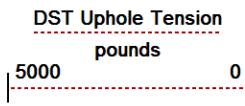












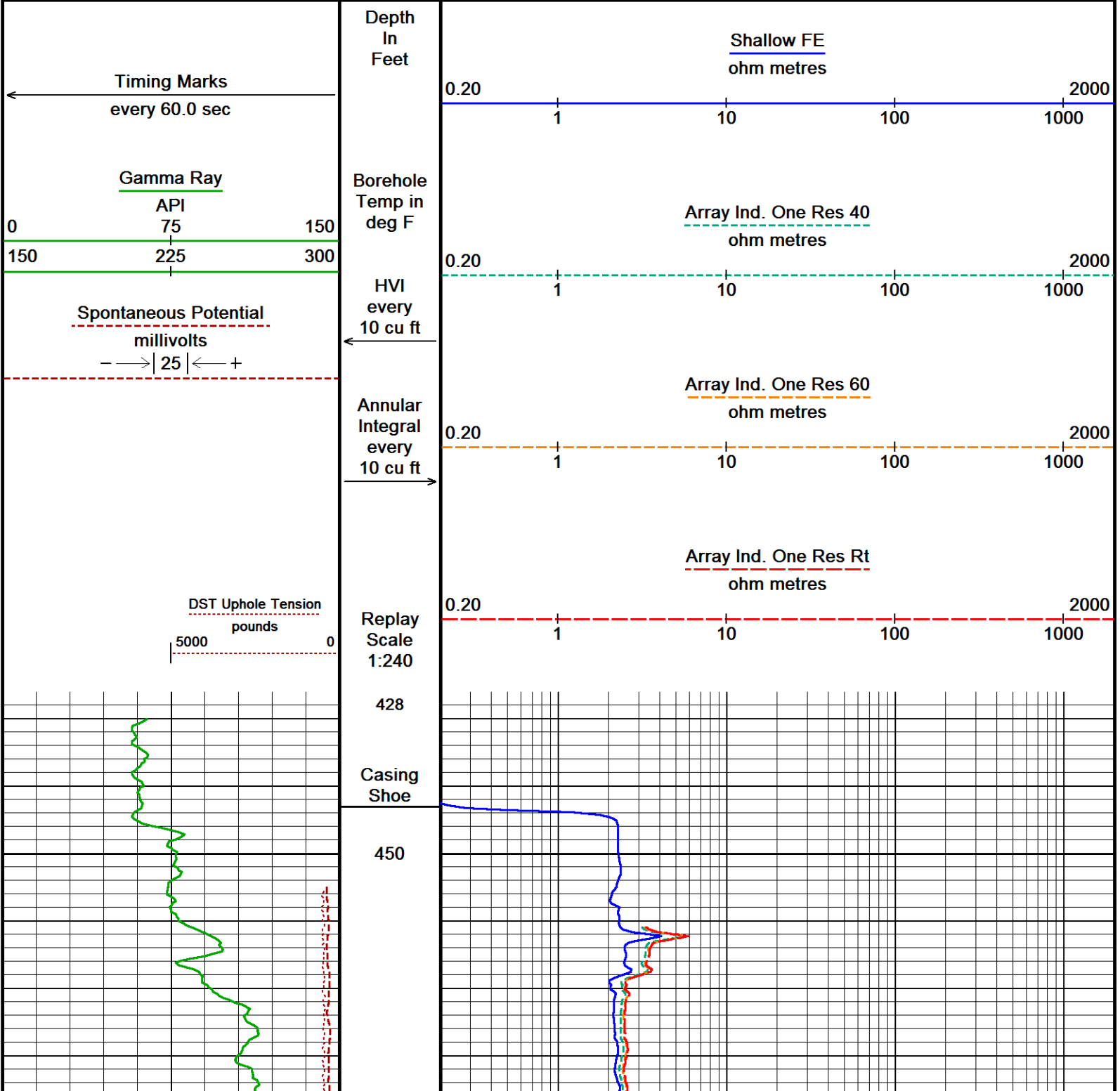
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Scale
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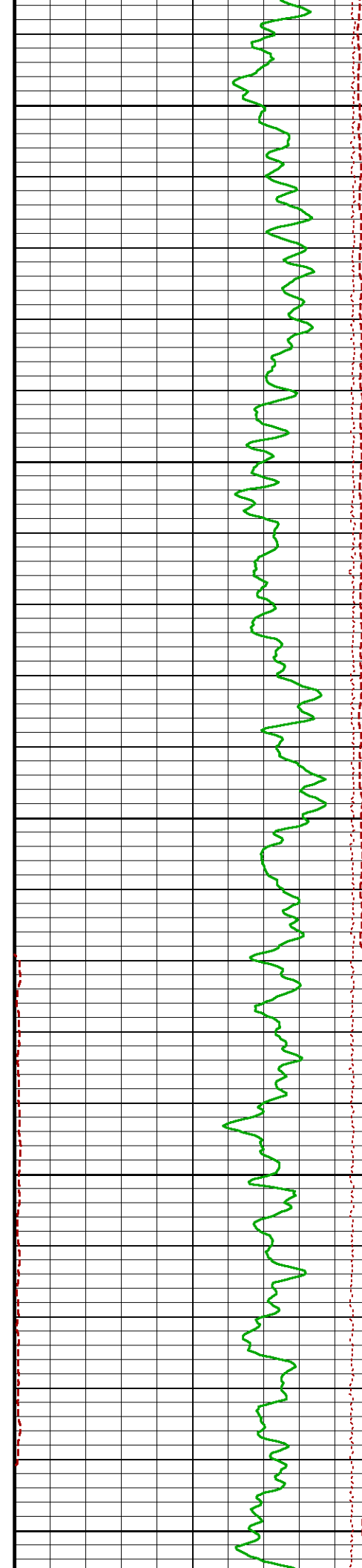
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 Plotted on 20-JAN-2019 14:06
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 Recorded on 20-JAN-2019 03:03
 System Versions: Plotted with 18.03.9344

2 INCH MAIN

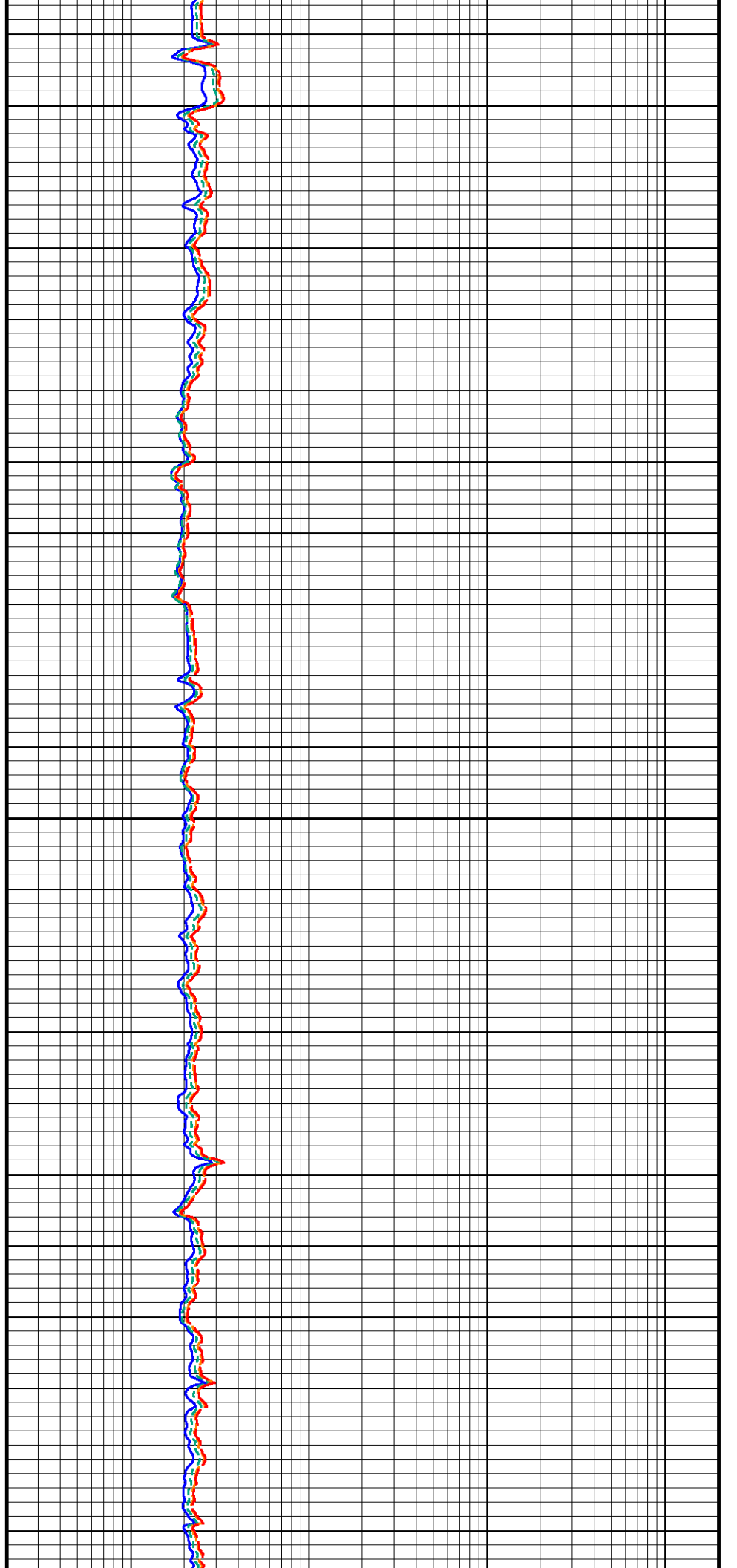
5 INCH MAIN

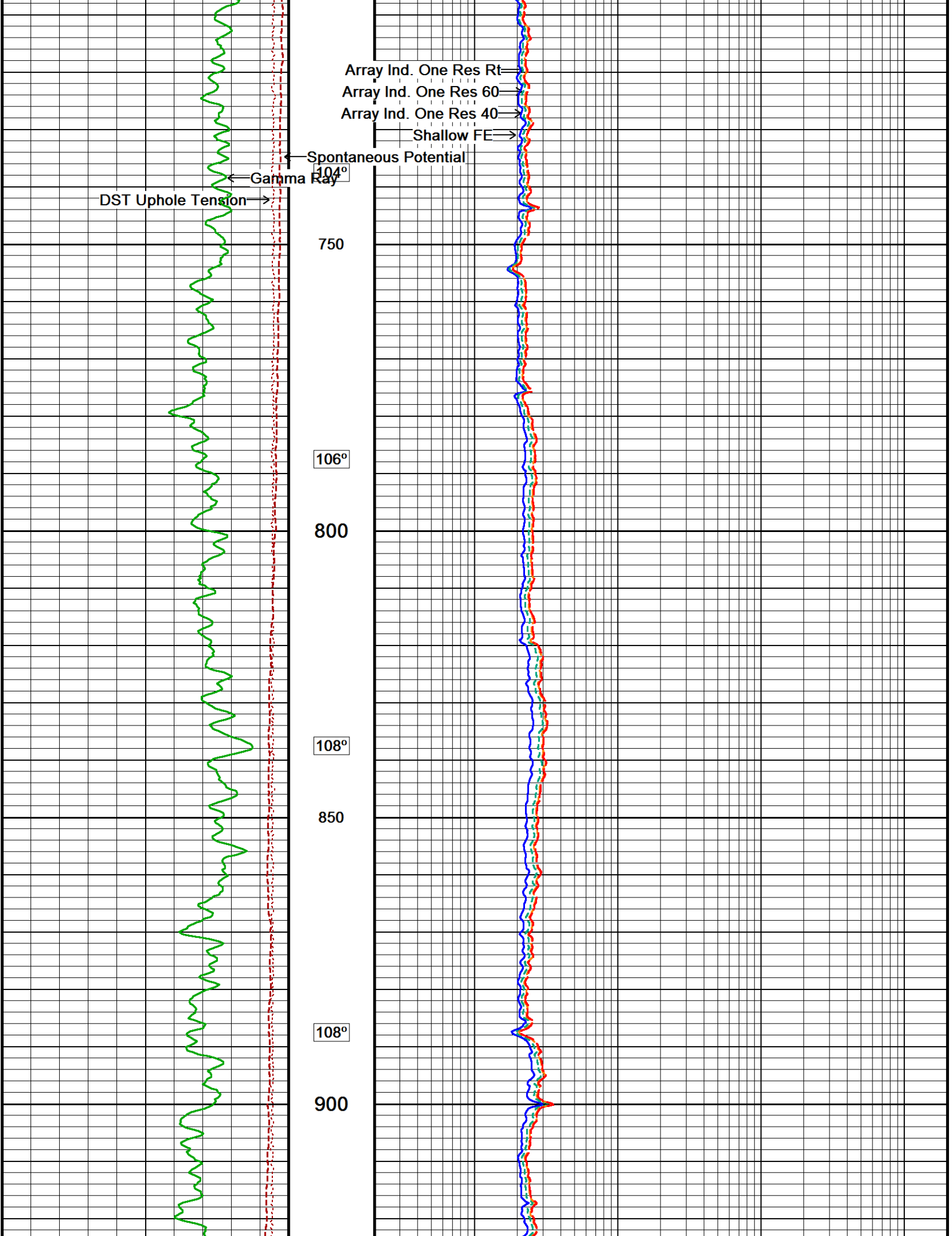
Depth Based Data - Maximum Sampling Increment 10.0cm
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 Recorded on 20-JAN-2019 03:03
 System Versions: Plotted with 18.03.9344





98°
500
99°
550
100°
600
101°
650
102°
700





Array Ind. One Res Rt

Array Ind. One Res 60

Array Ind. One Res 40

Shallow FE

Spontaneous Potential

Gamma Ray

DST Uphole Tension

750

106°

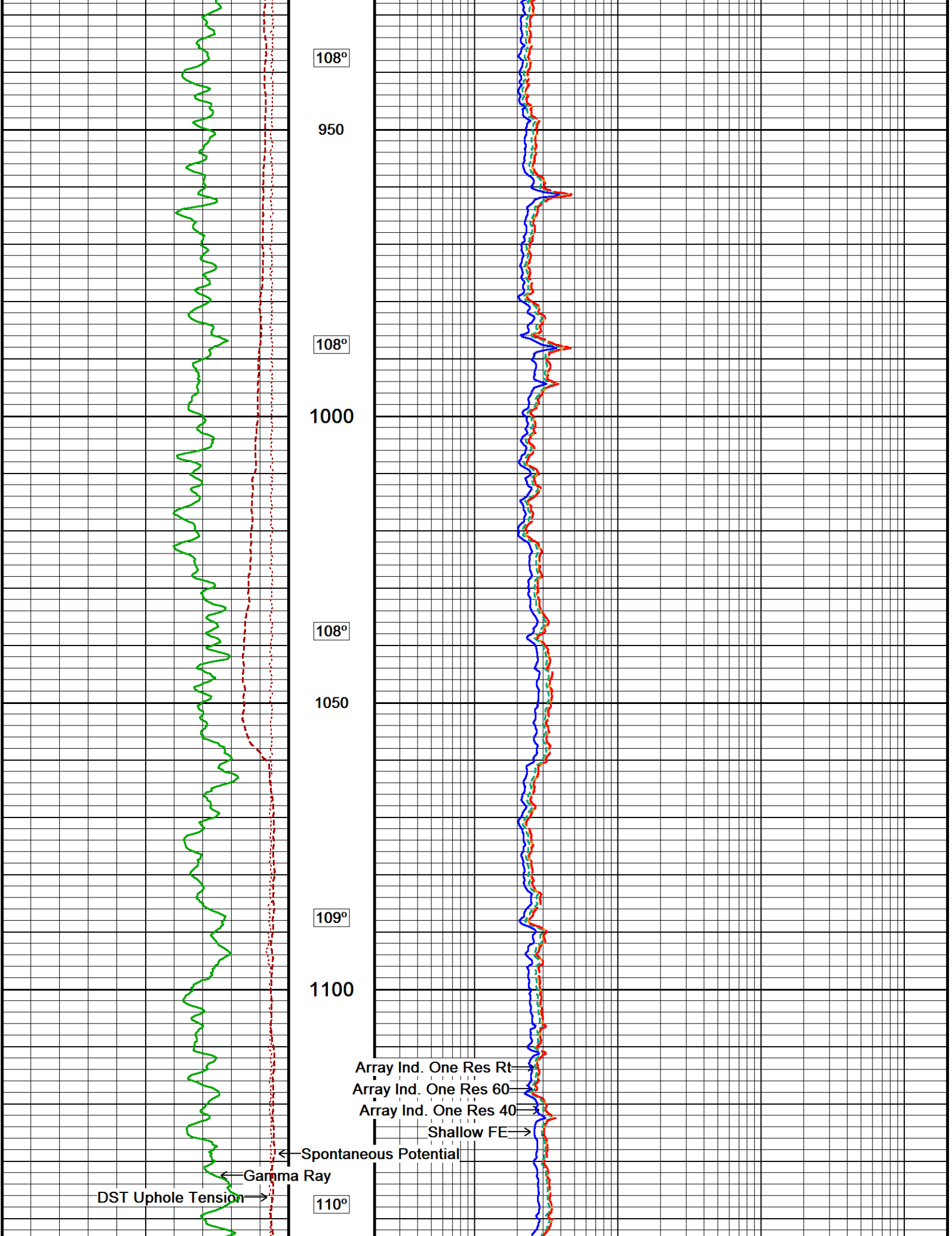
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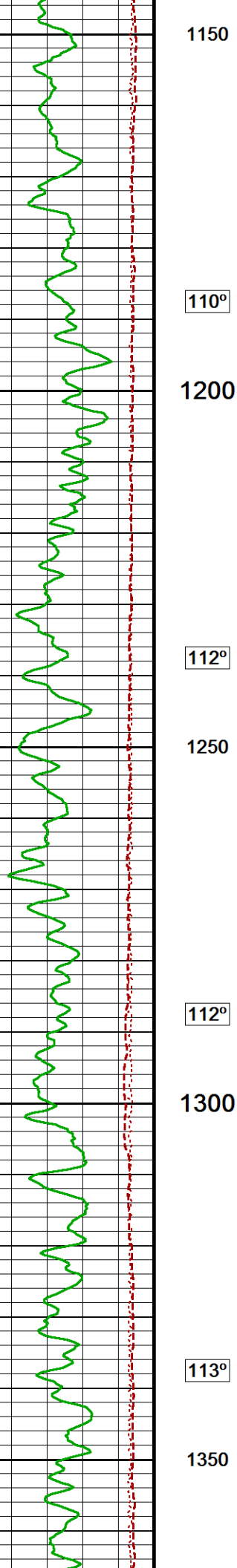
108°

850

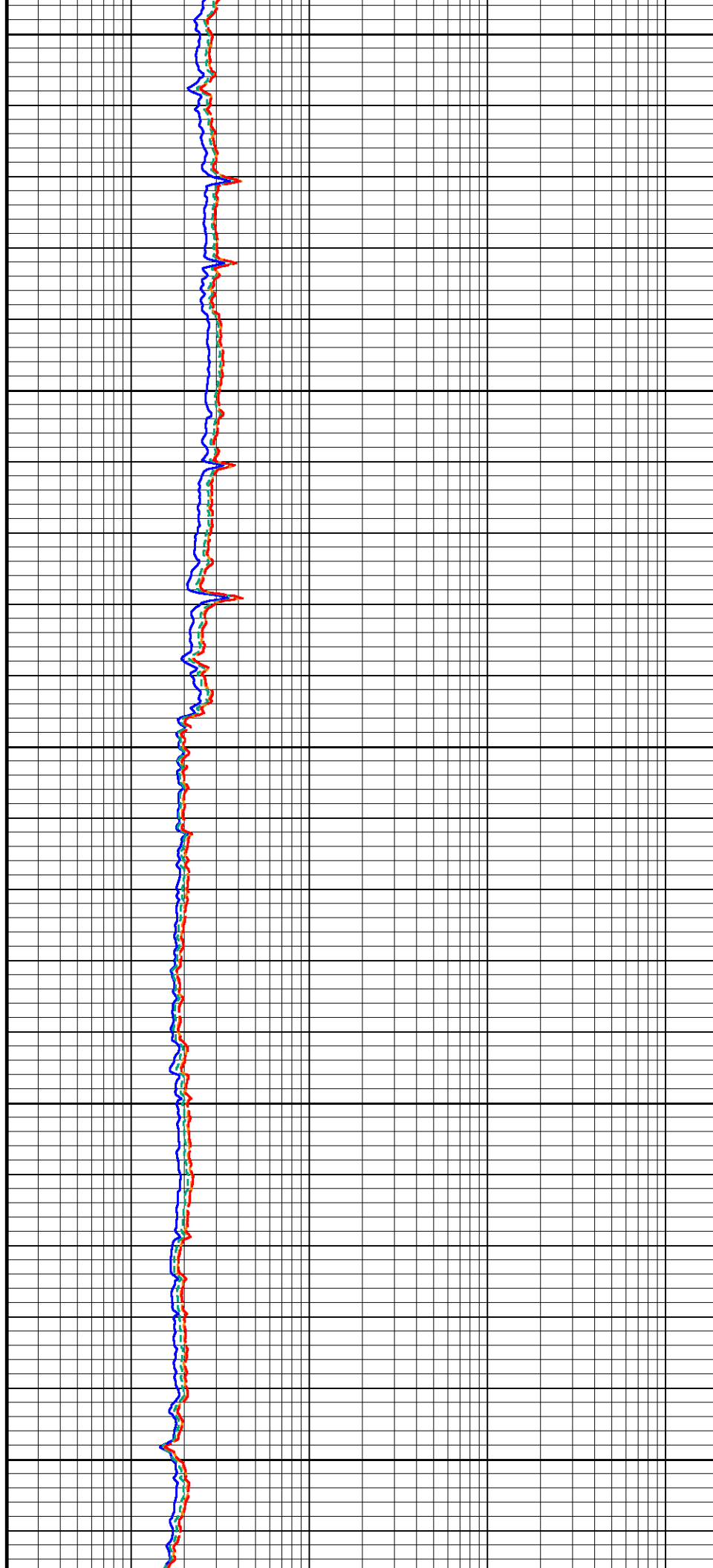
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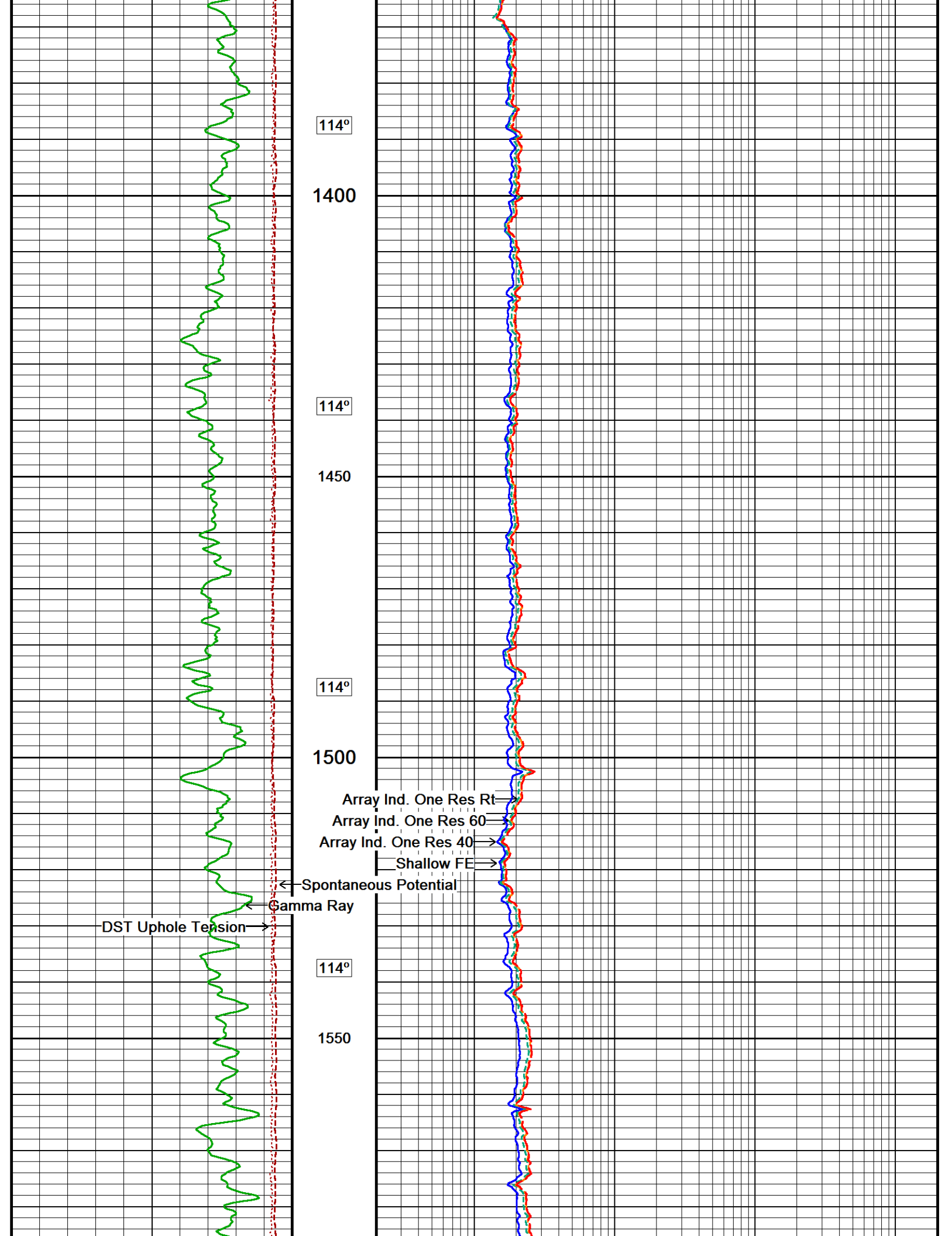
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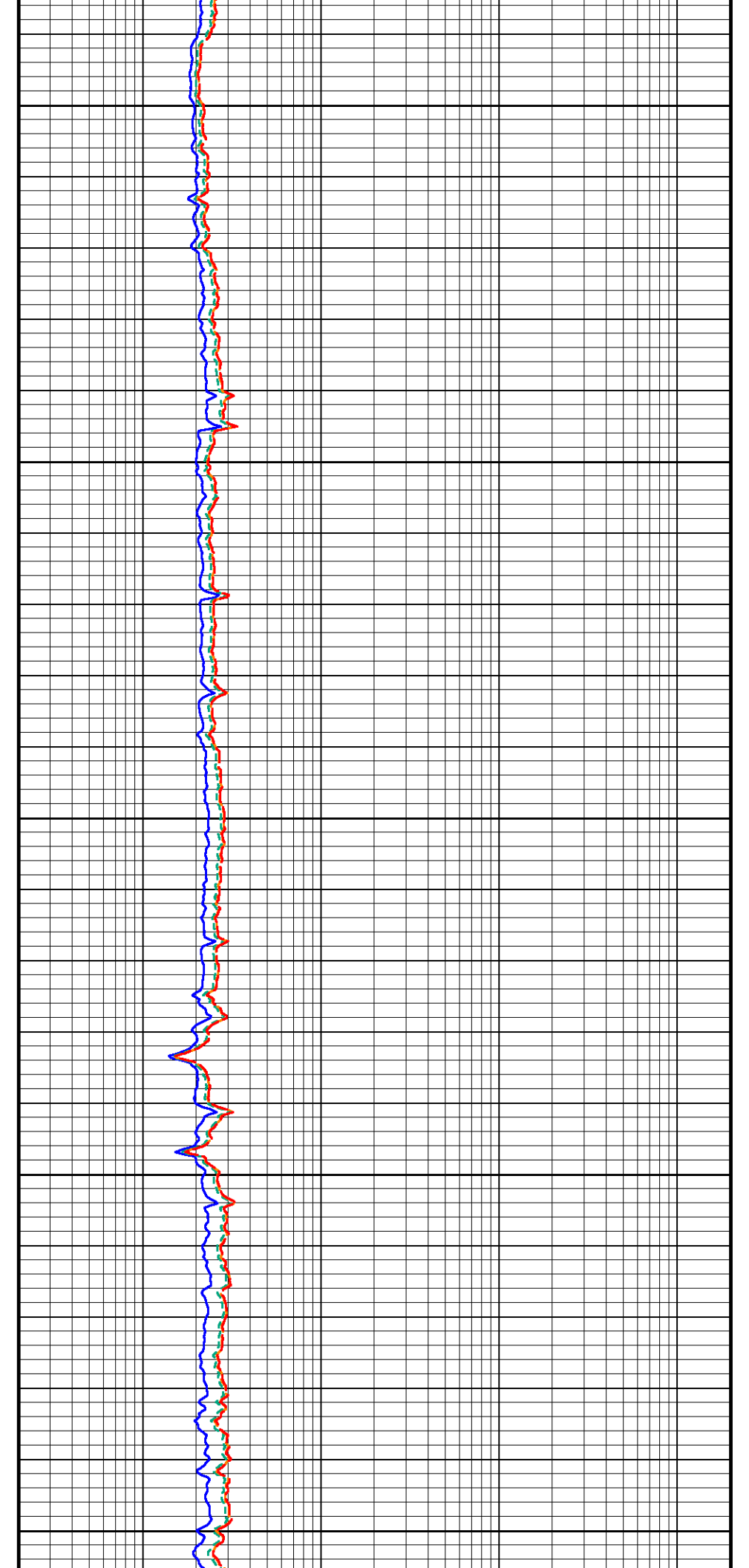
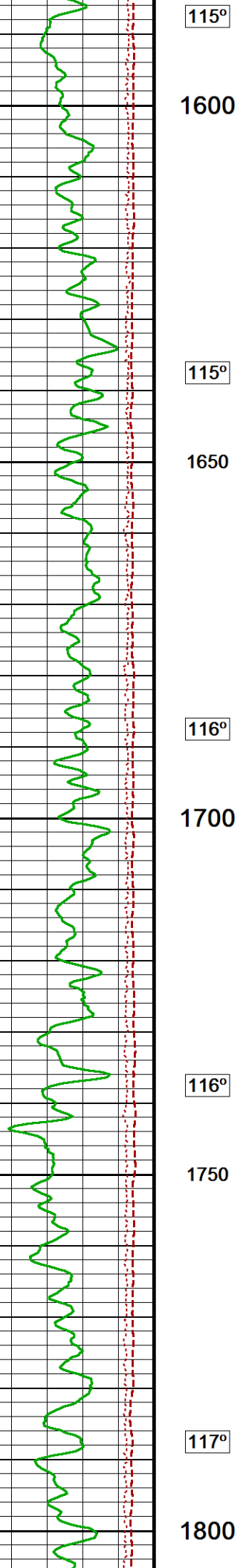


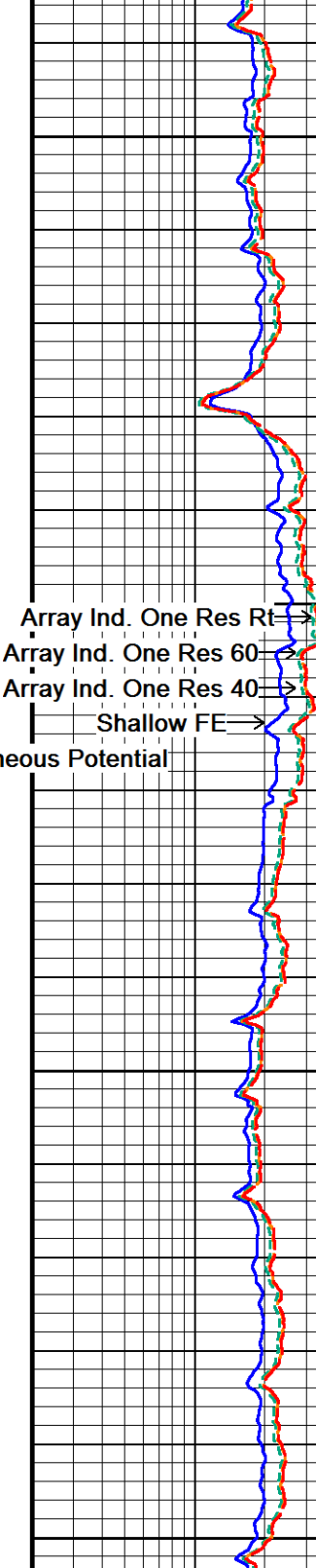
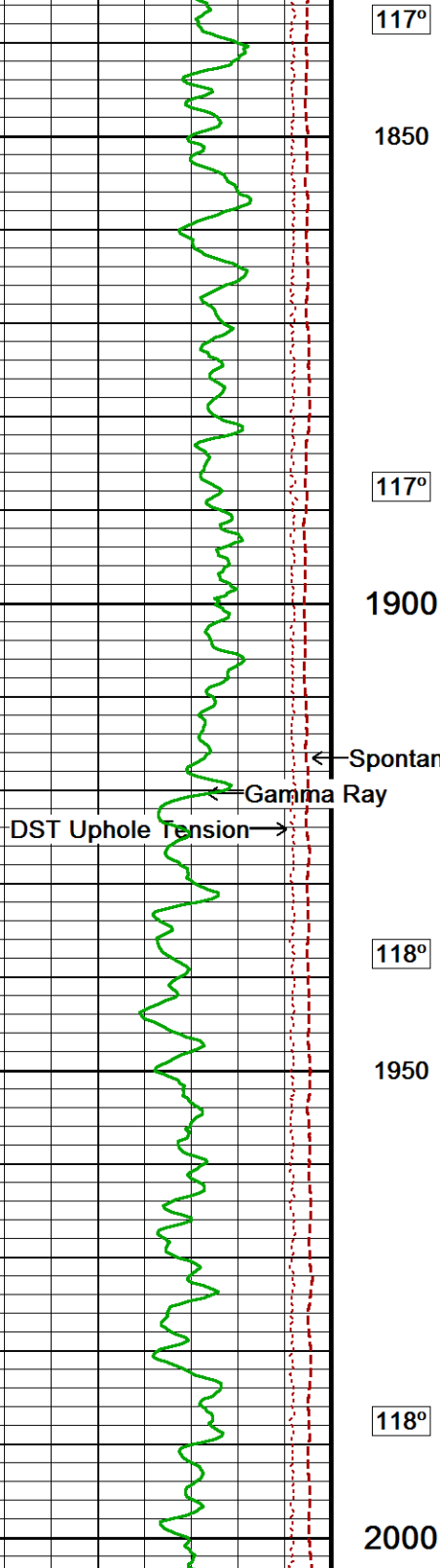


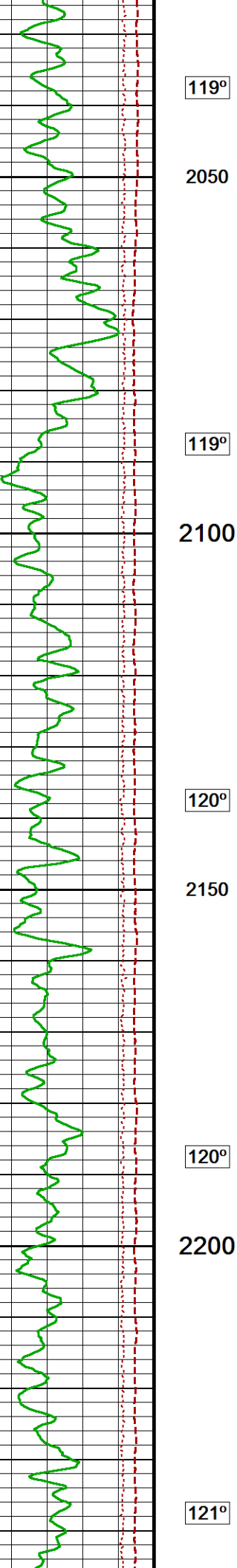
1150
110°
1200
112°
1250
112°
1300
113°
1350











119°

2050

119°

2100

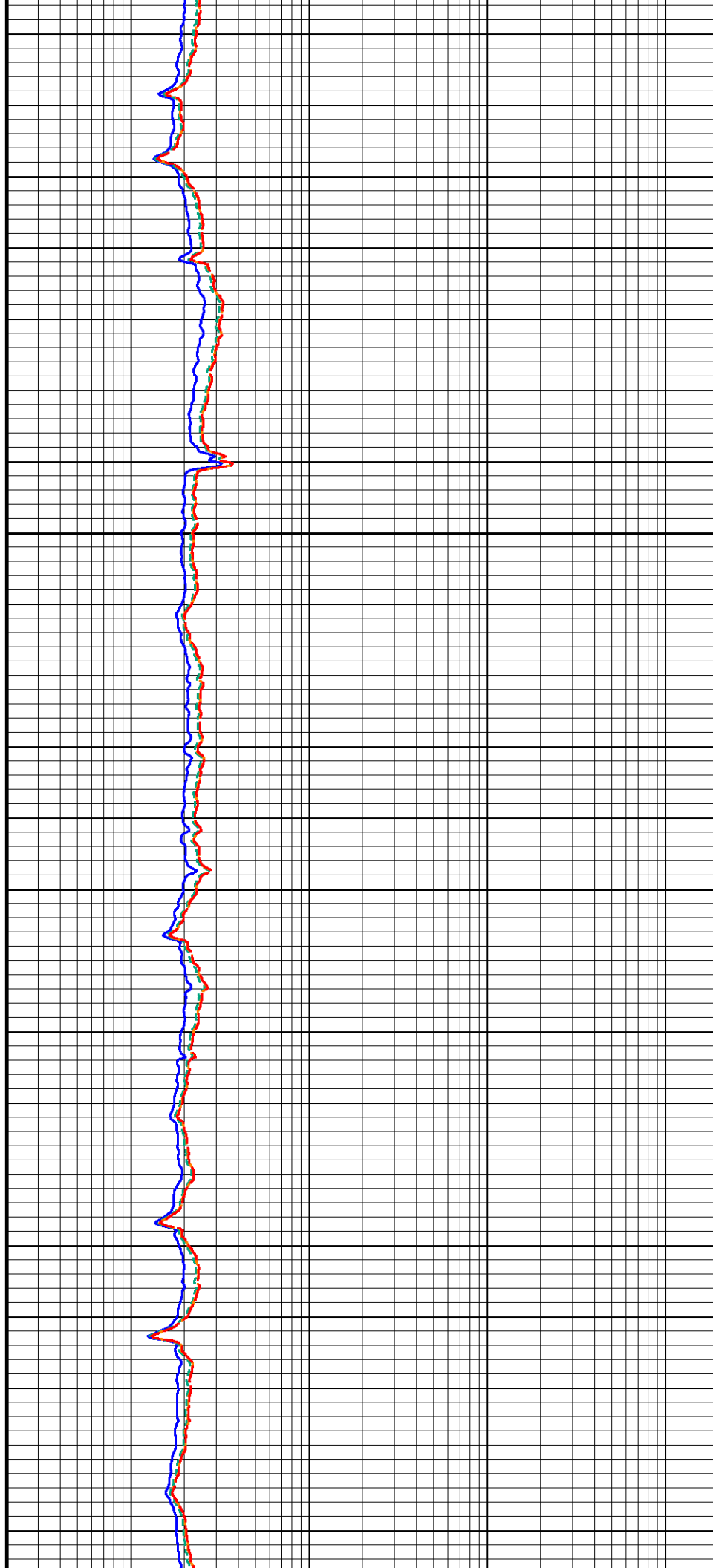
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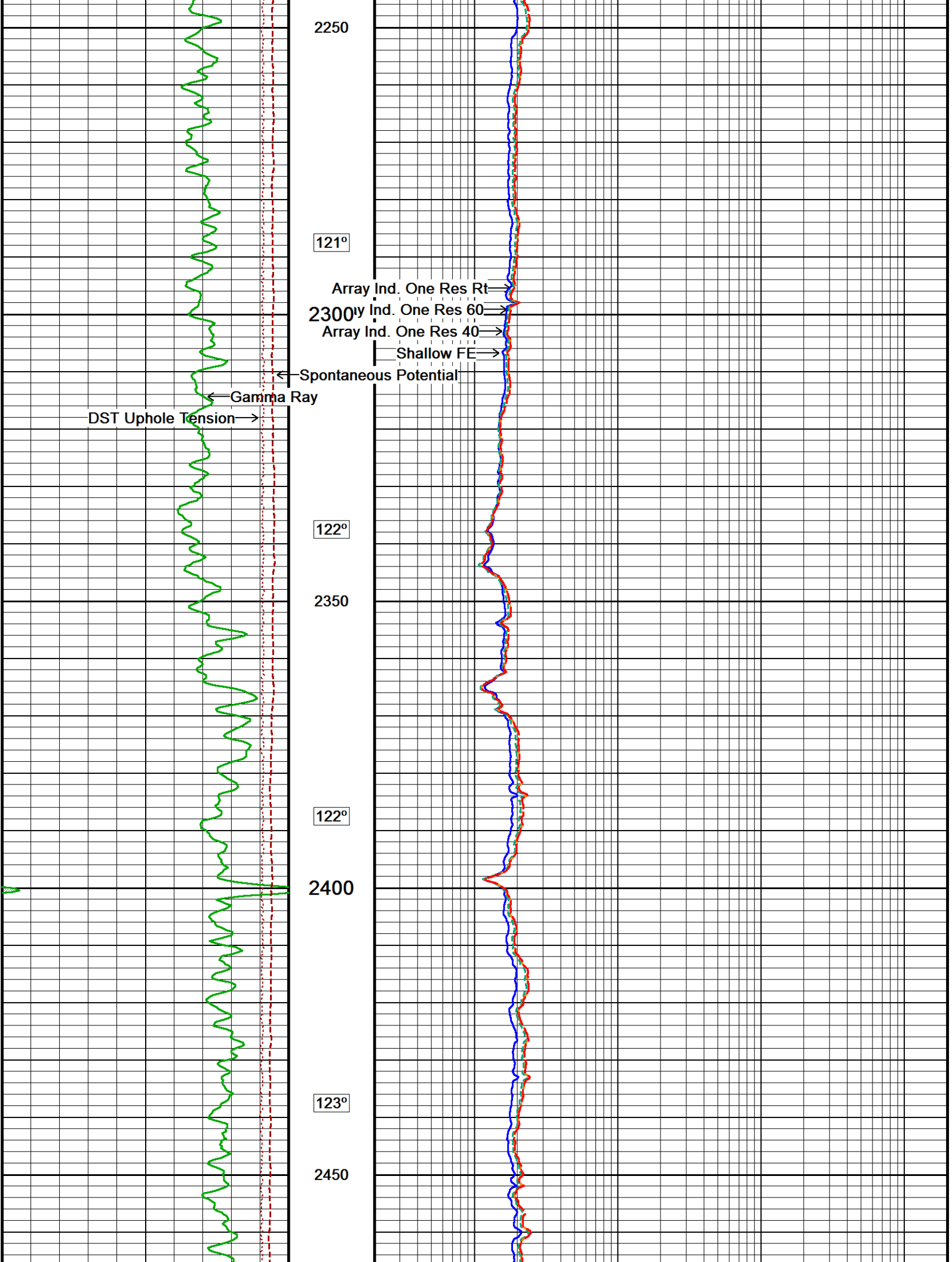
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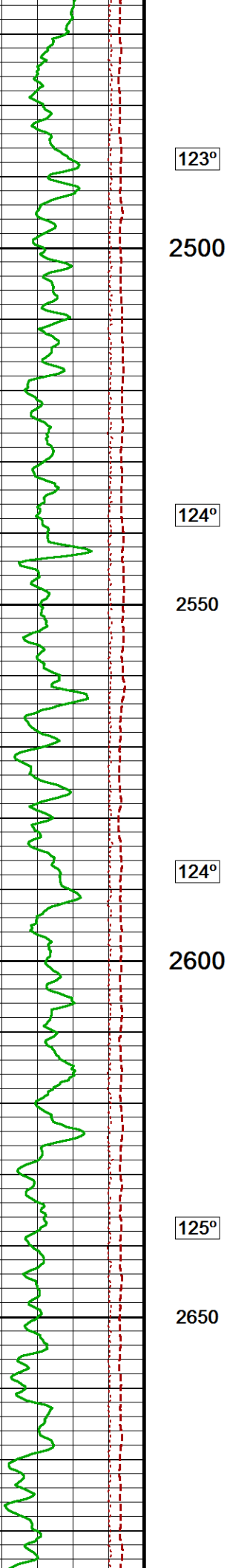
120°

2200

121°







123°

2500

124°

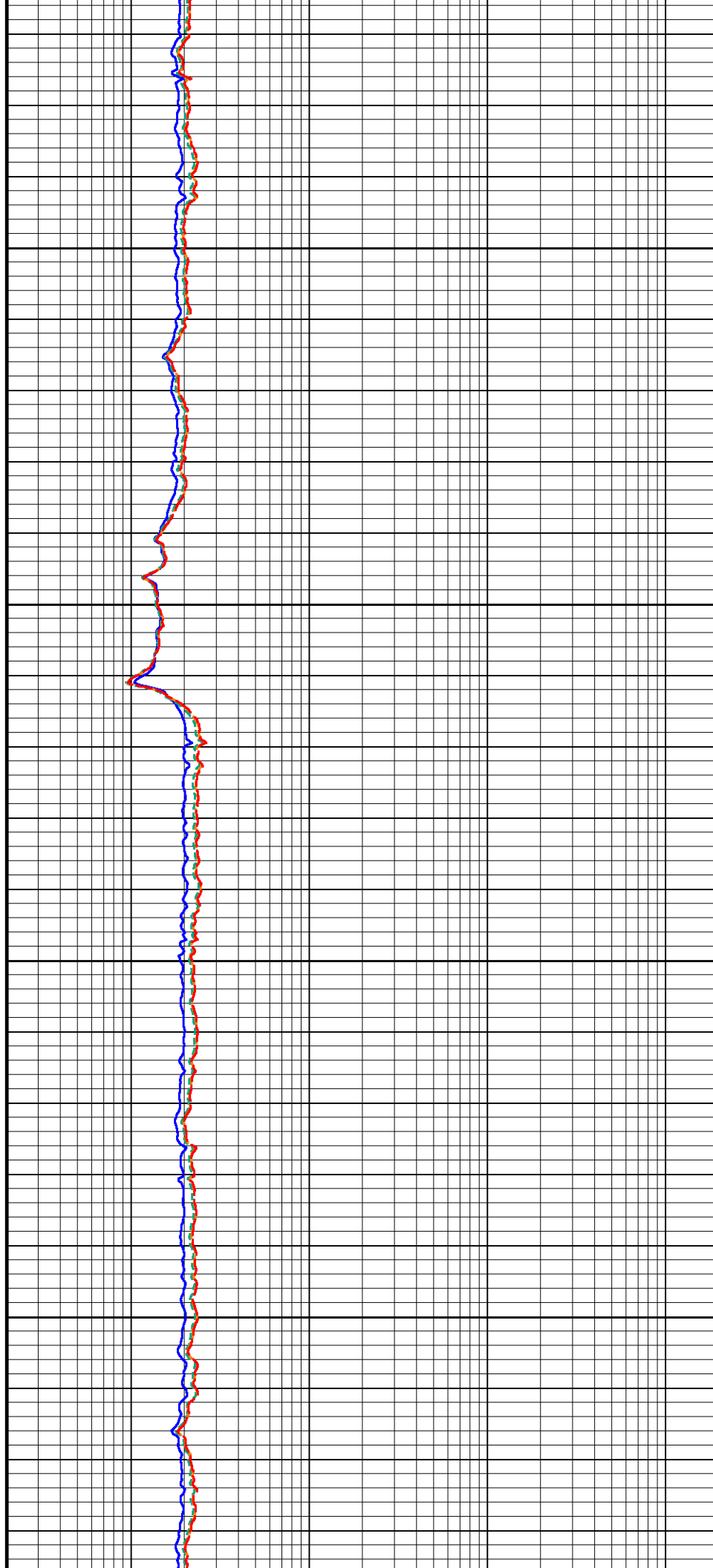
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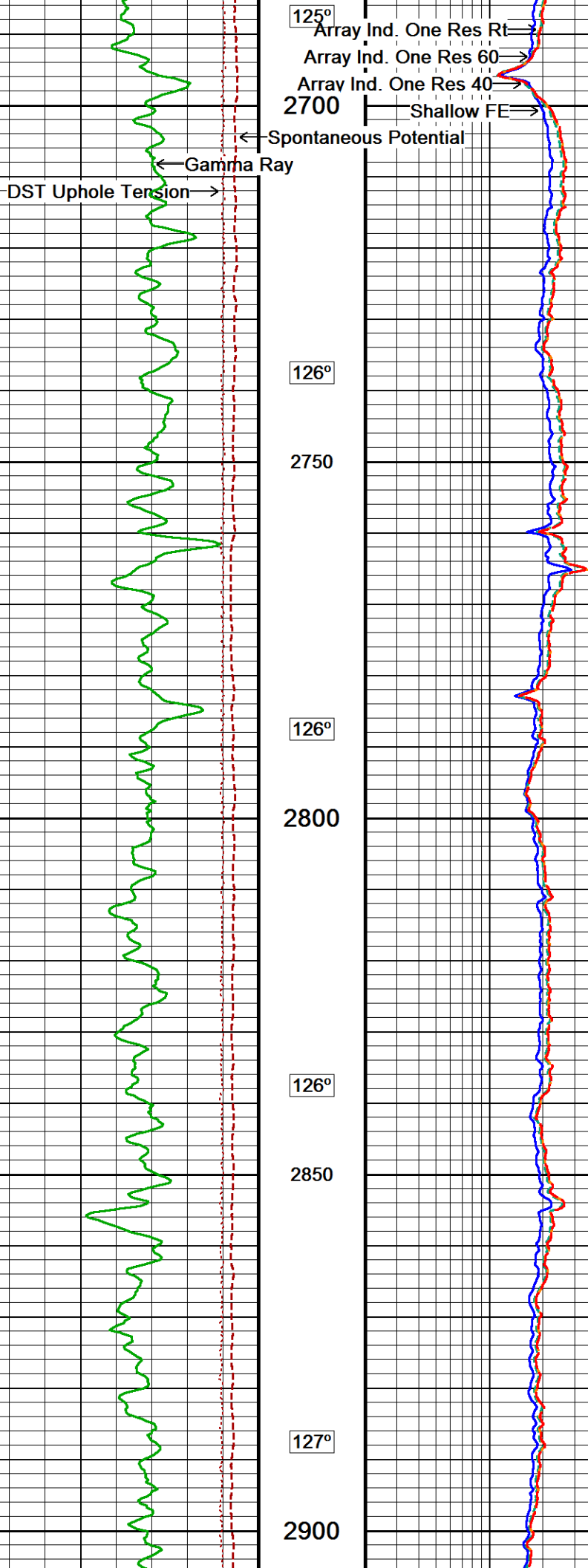
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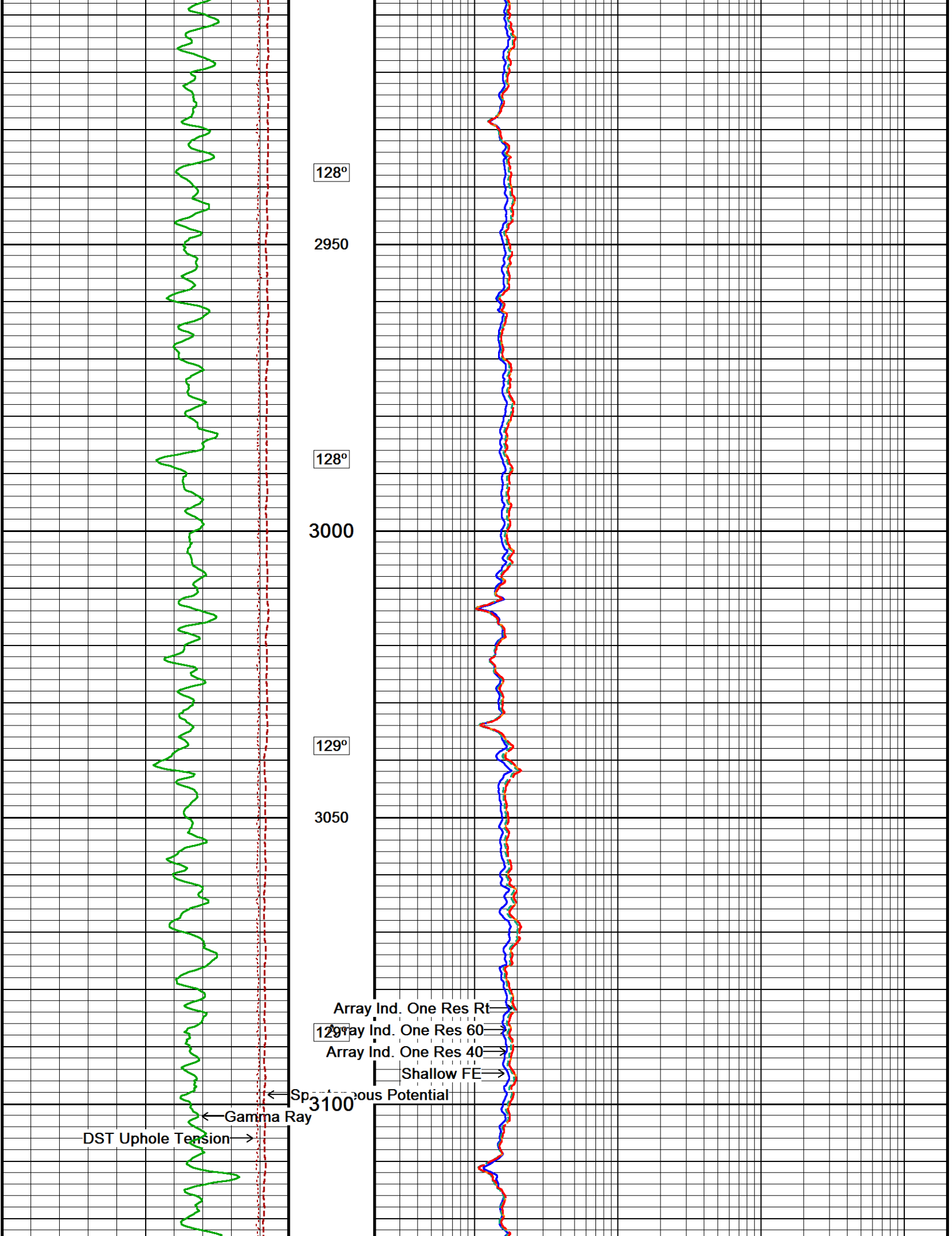
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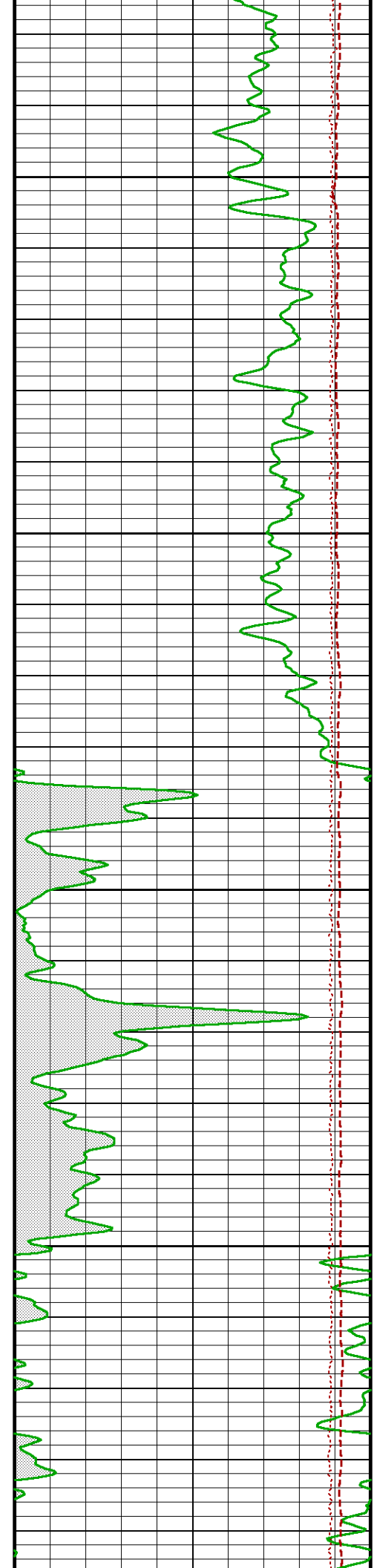
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2650









130°

3150

130°

3200

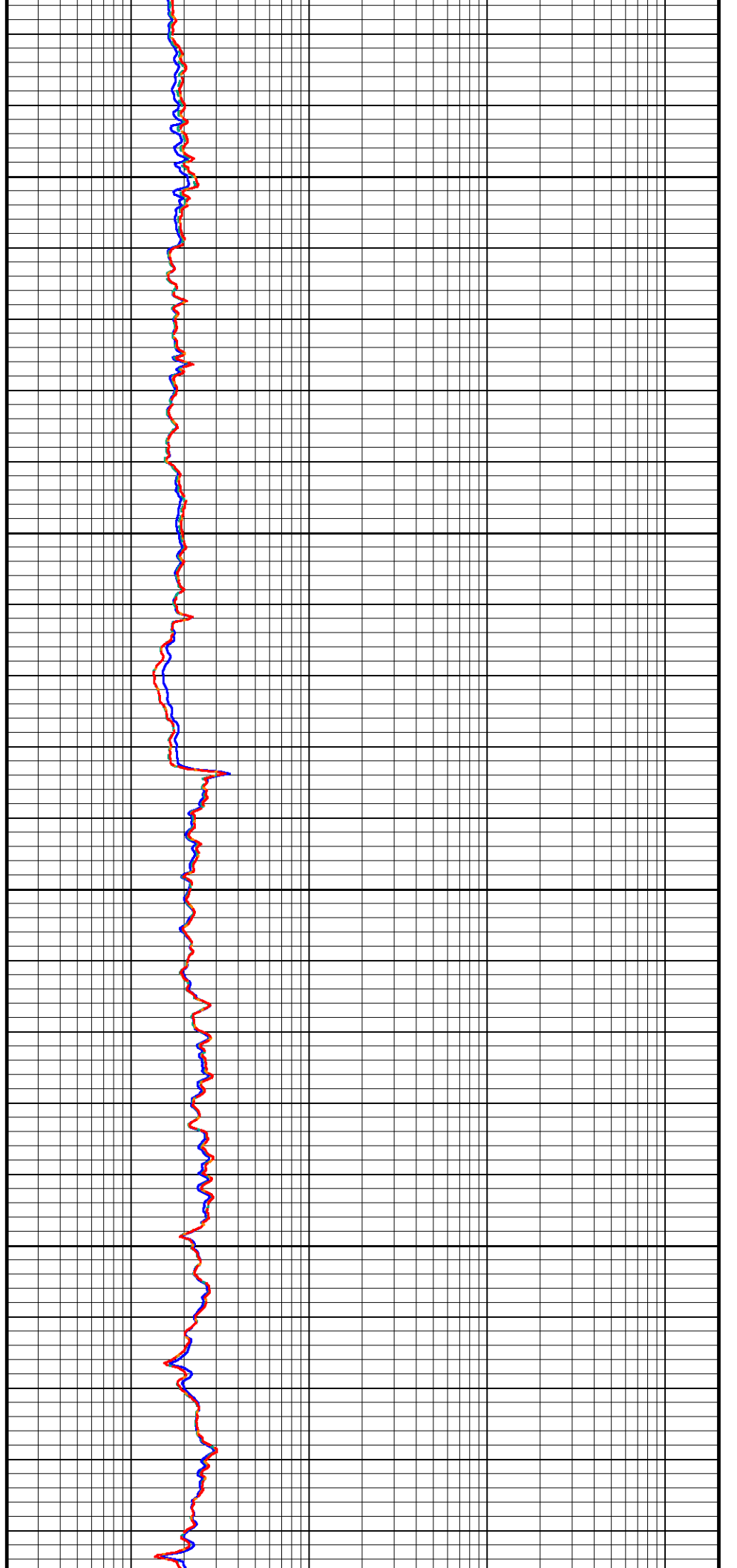
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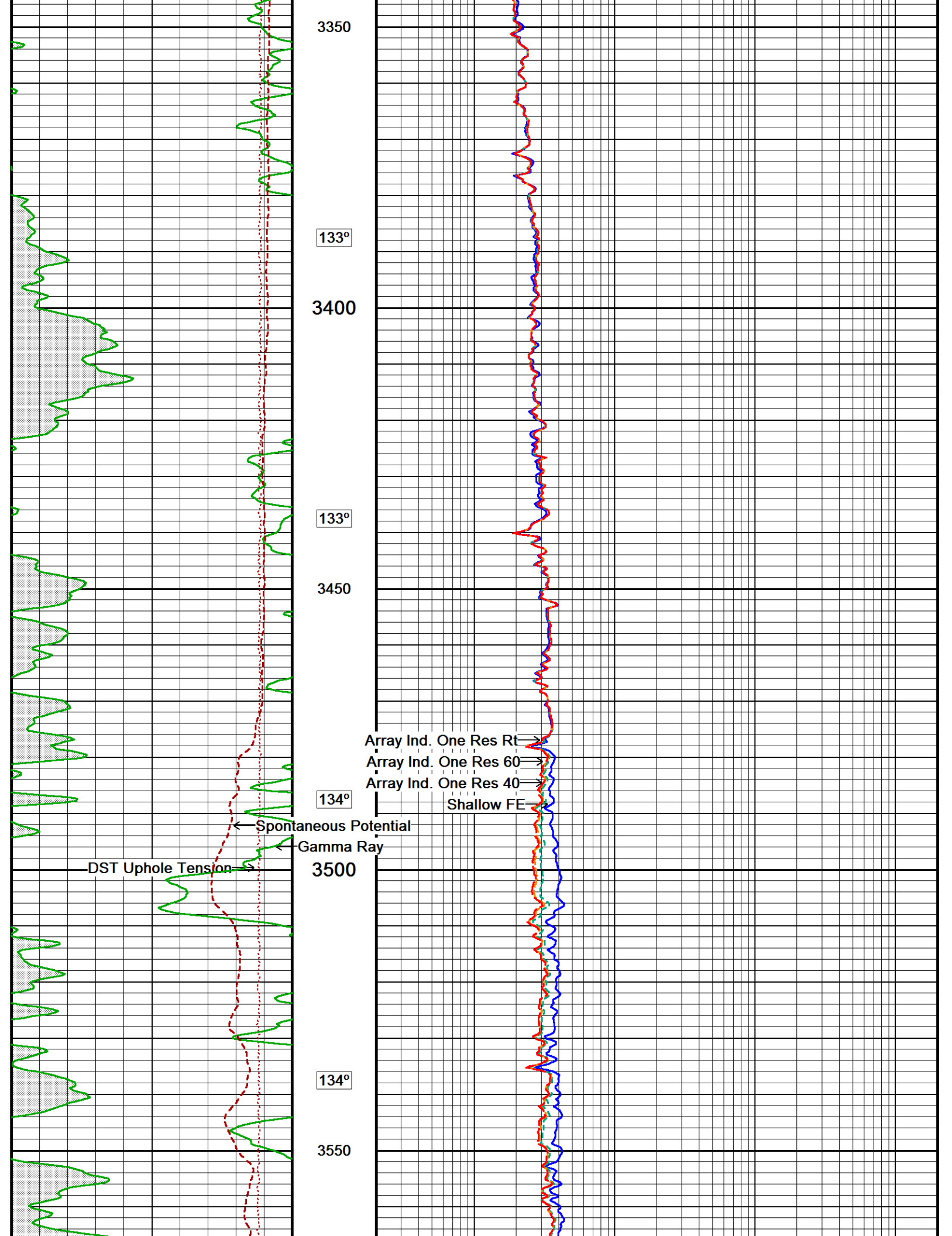
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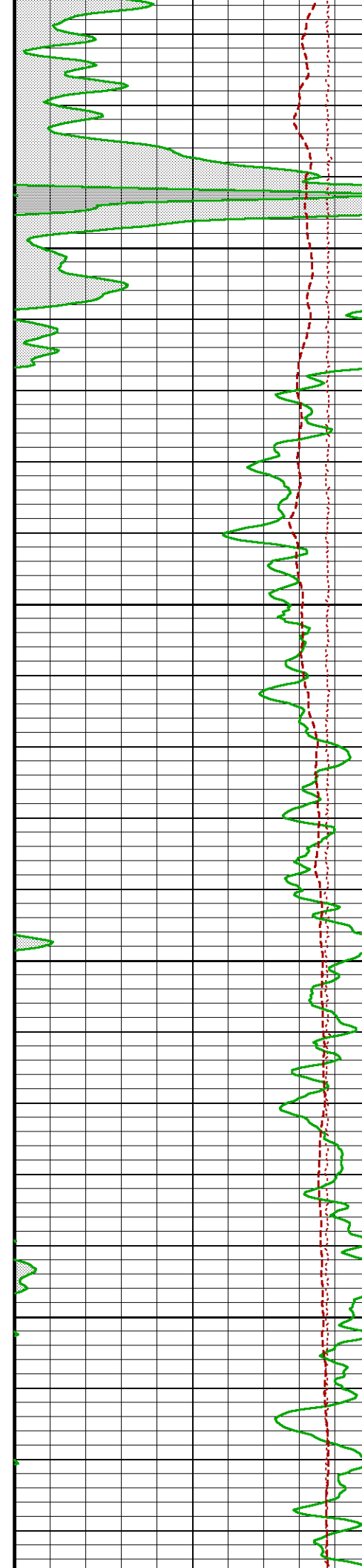
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3300

132°







135°

3600

135°

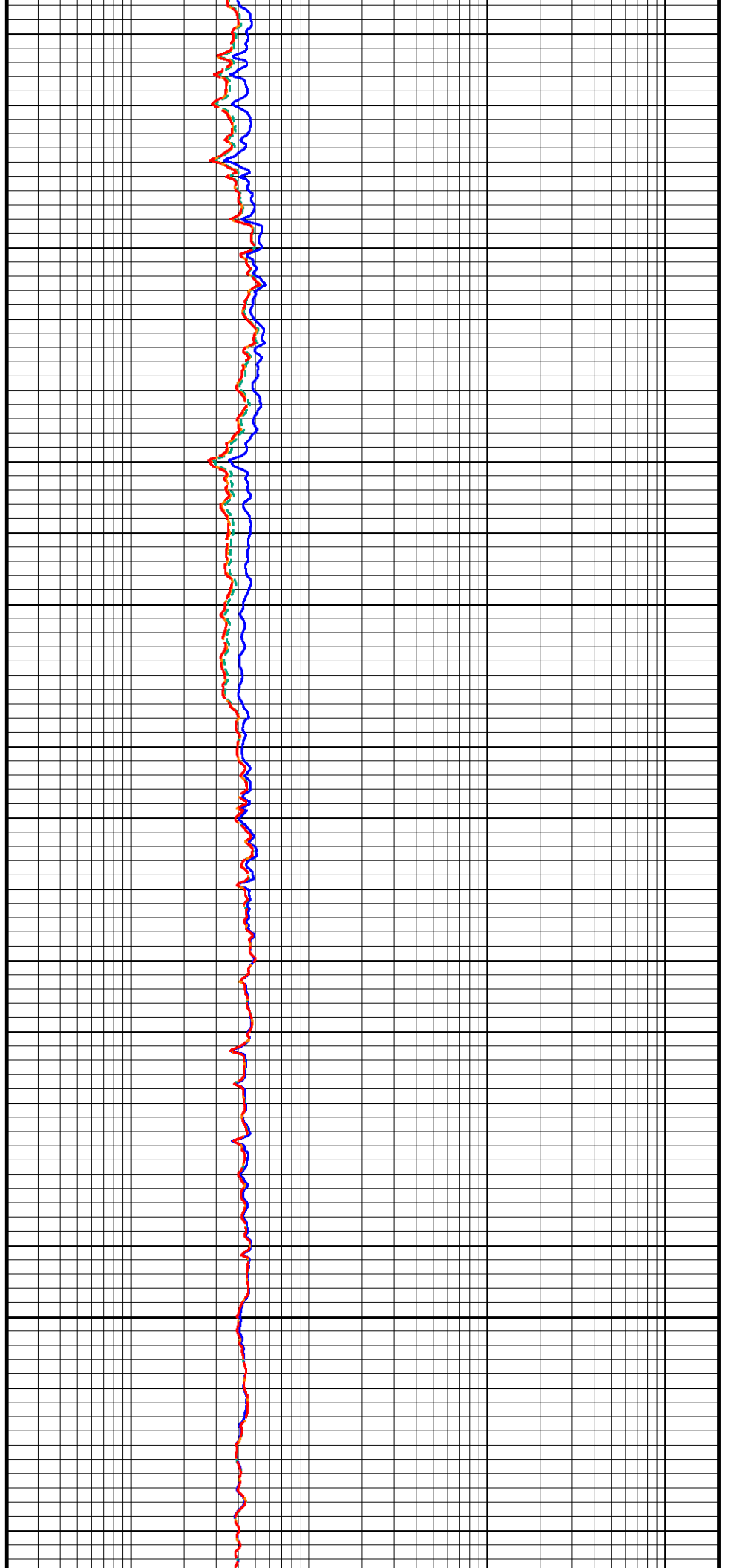
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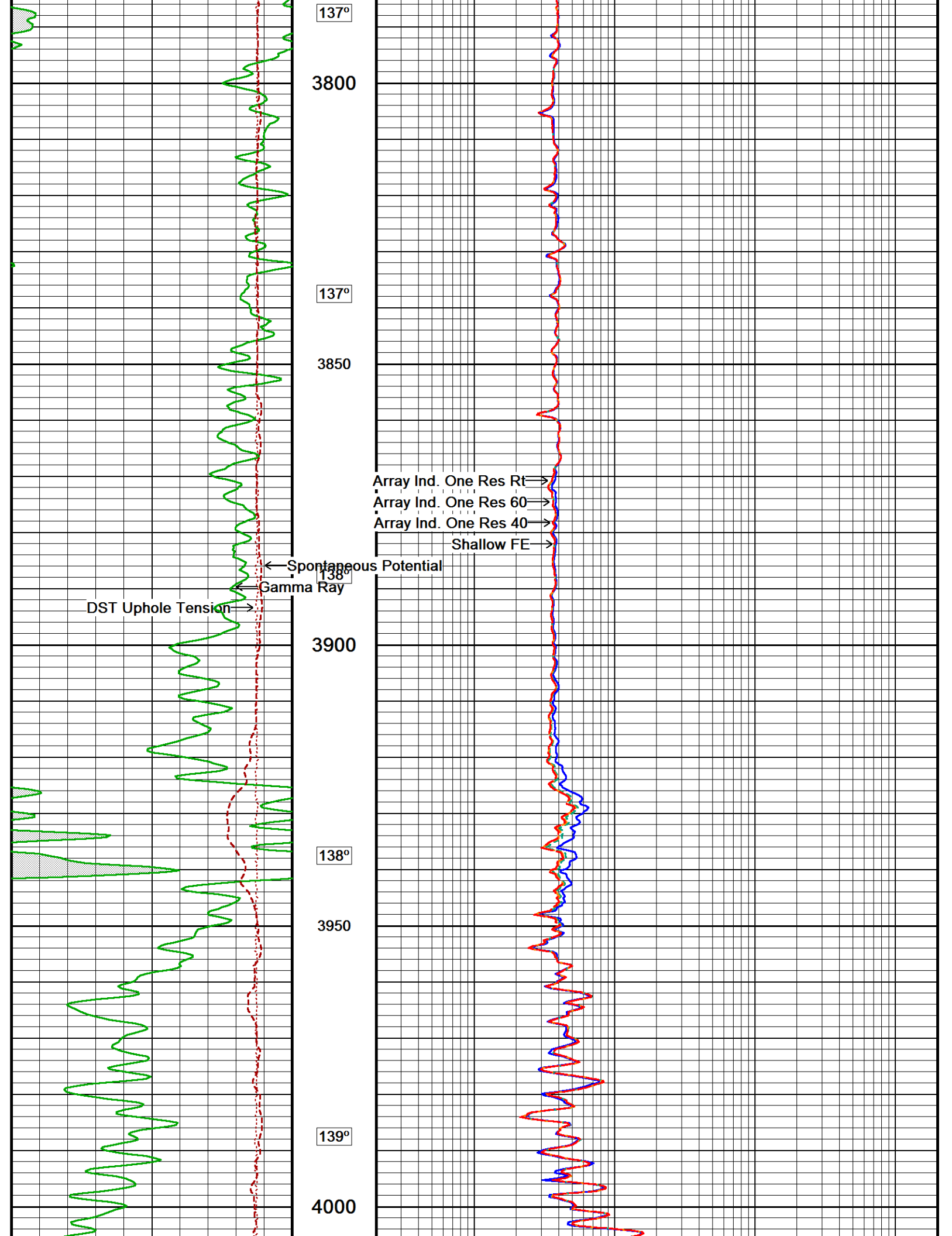
136°

3700

136°

3750





137°

3800

137°

3850

Array Ind. One Res Rt

Array Ind. One Res 60

Array Ind. One Res 40

Shallow FE

Spontaneous Potential

Gamma Ray

DST Uphole Tension

138°

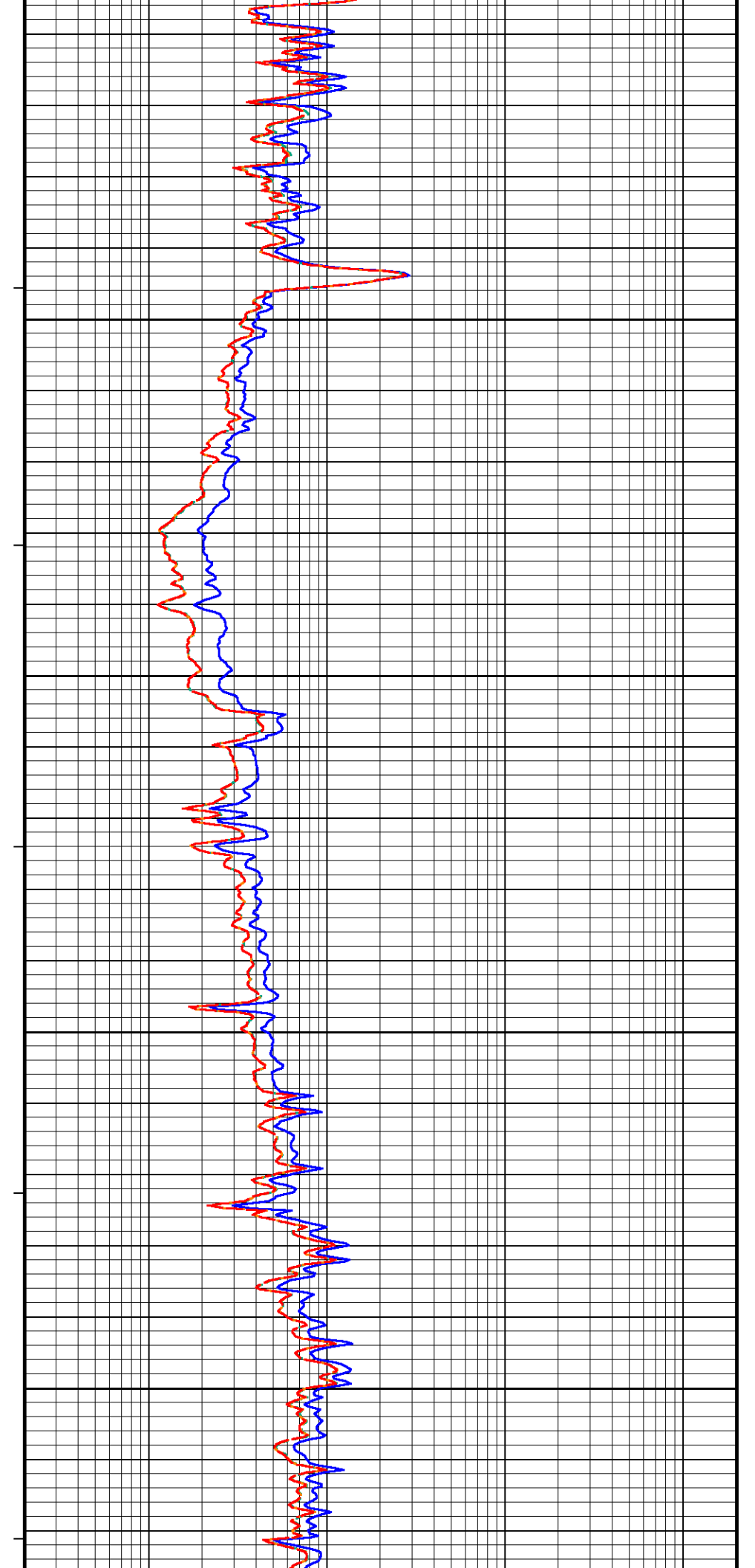
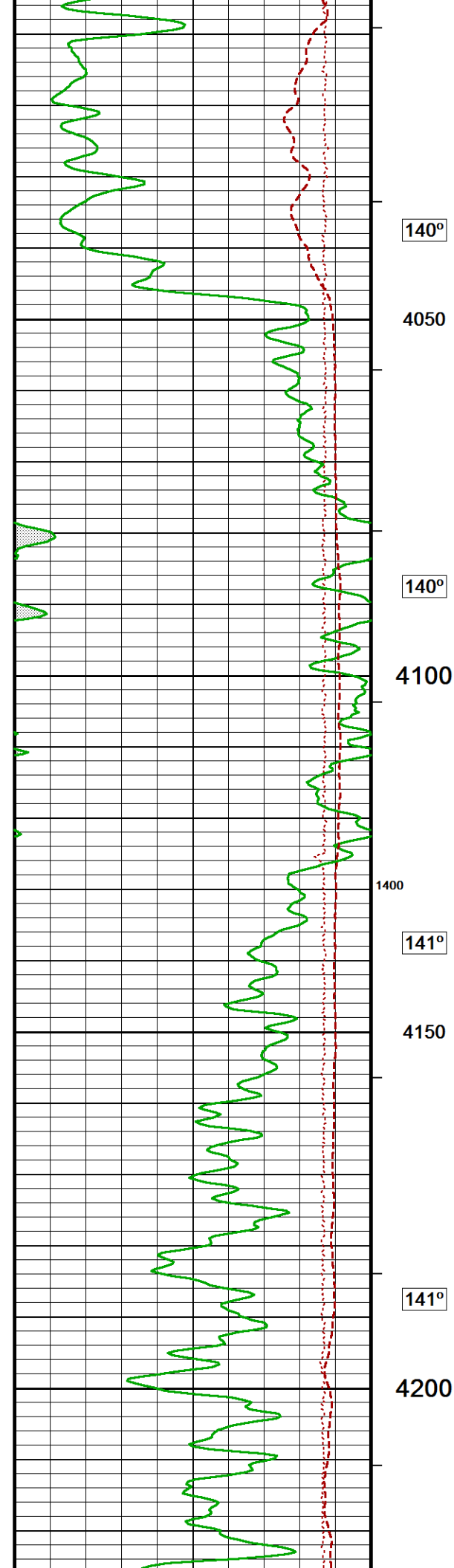
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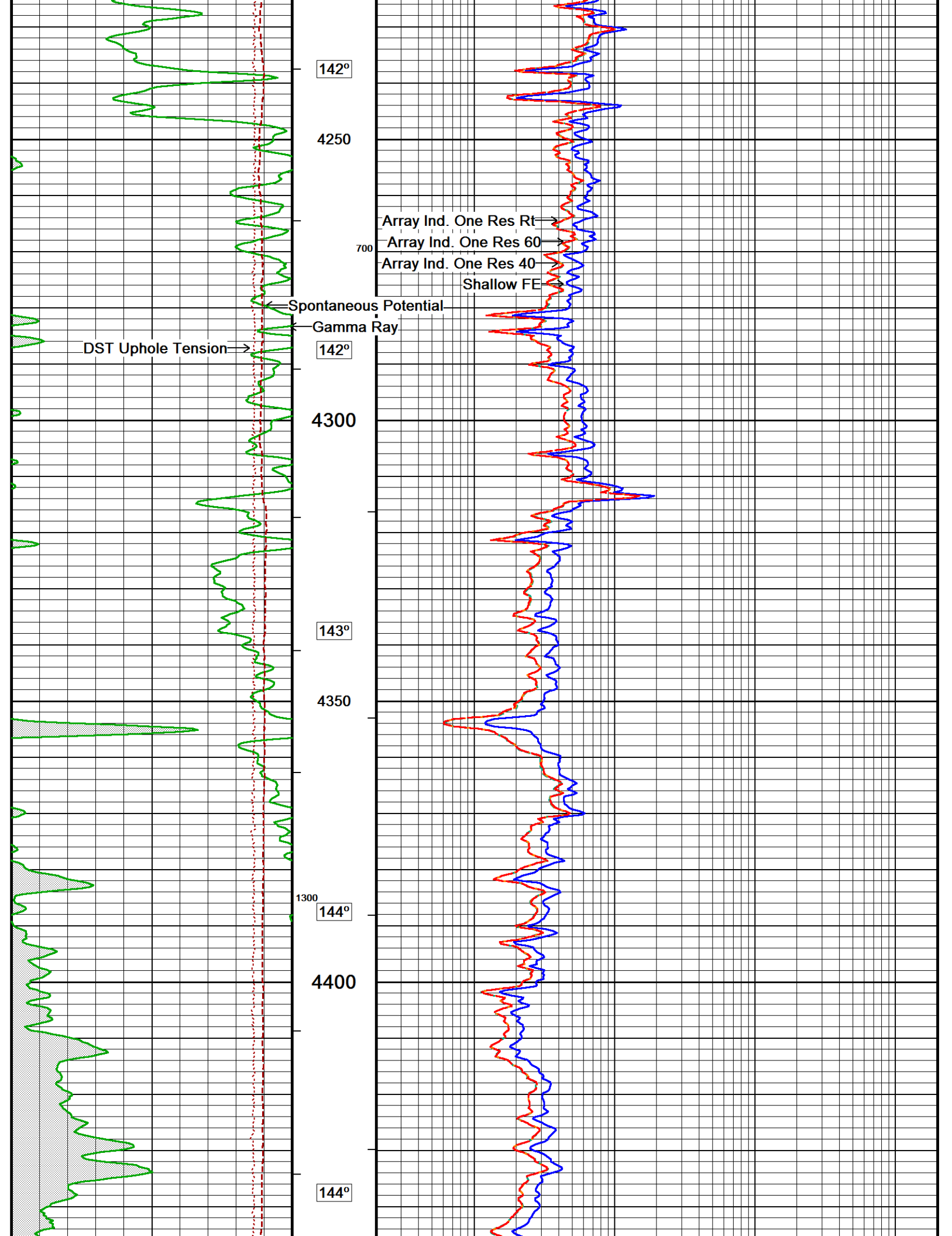
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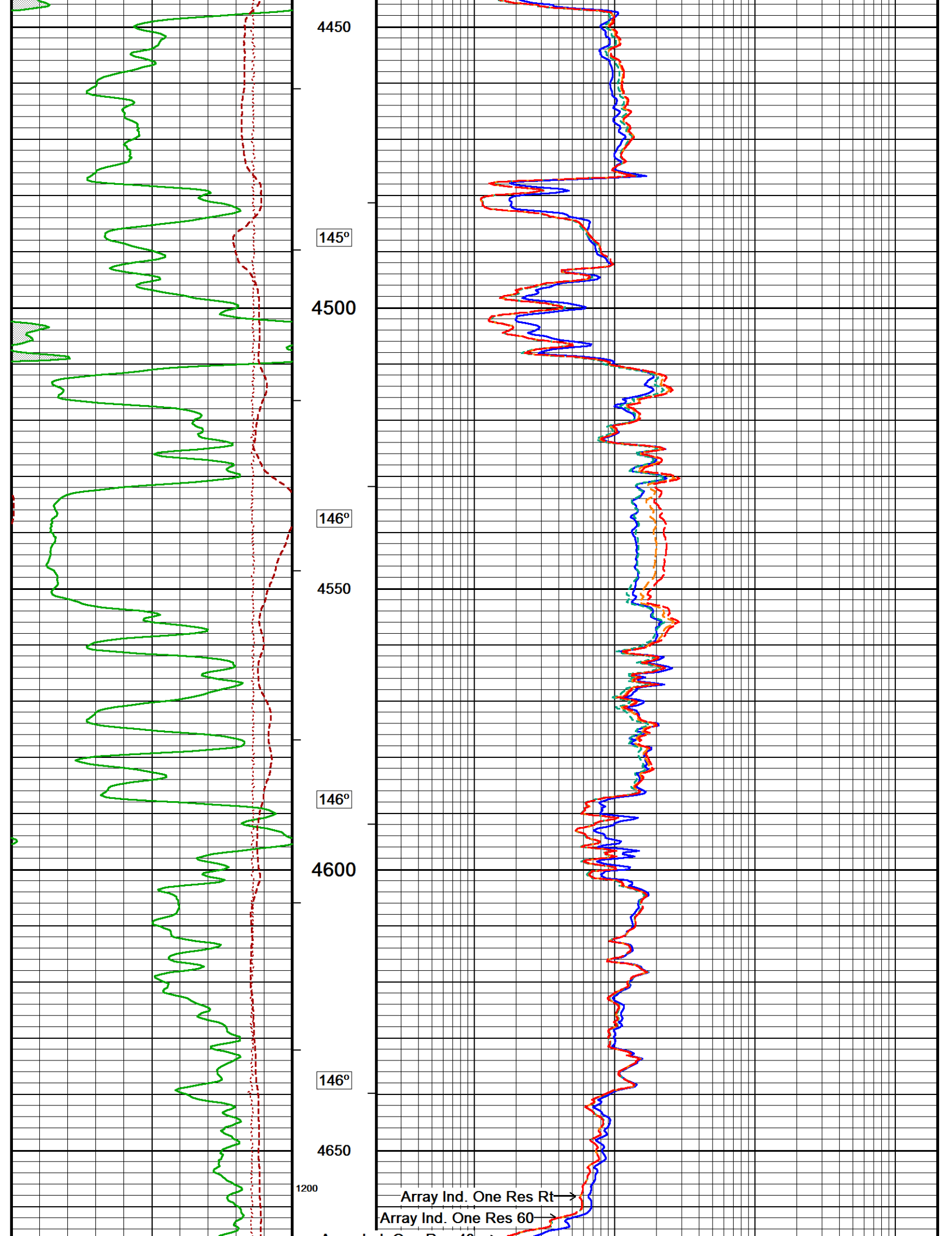
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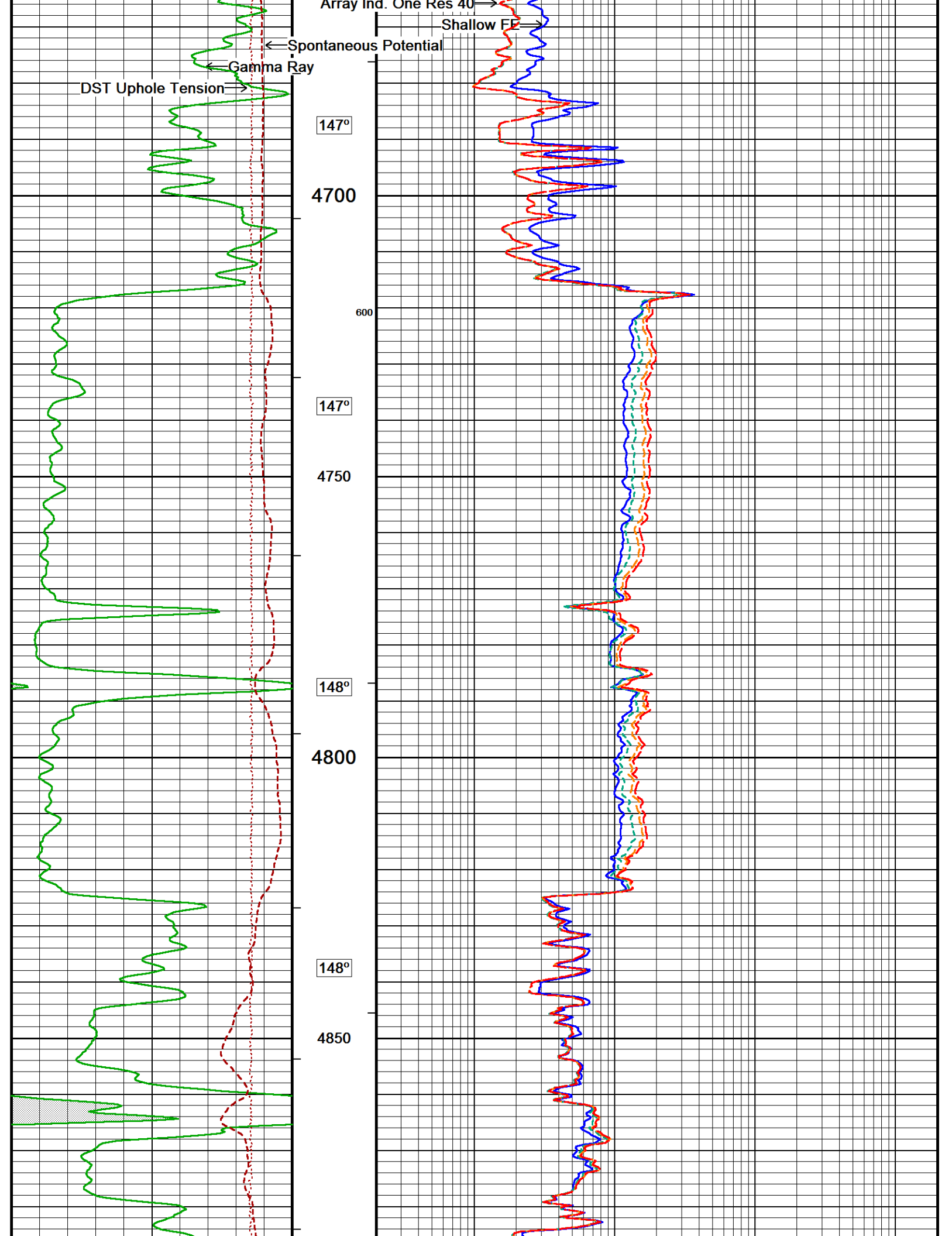
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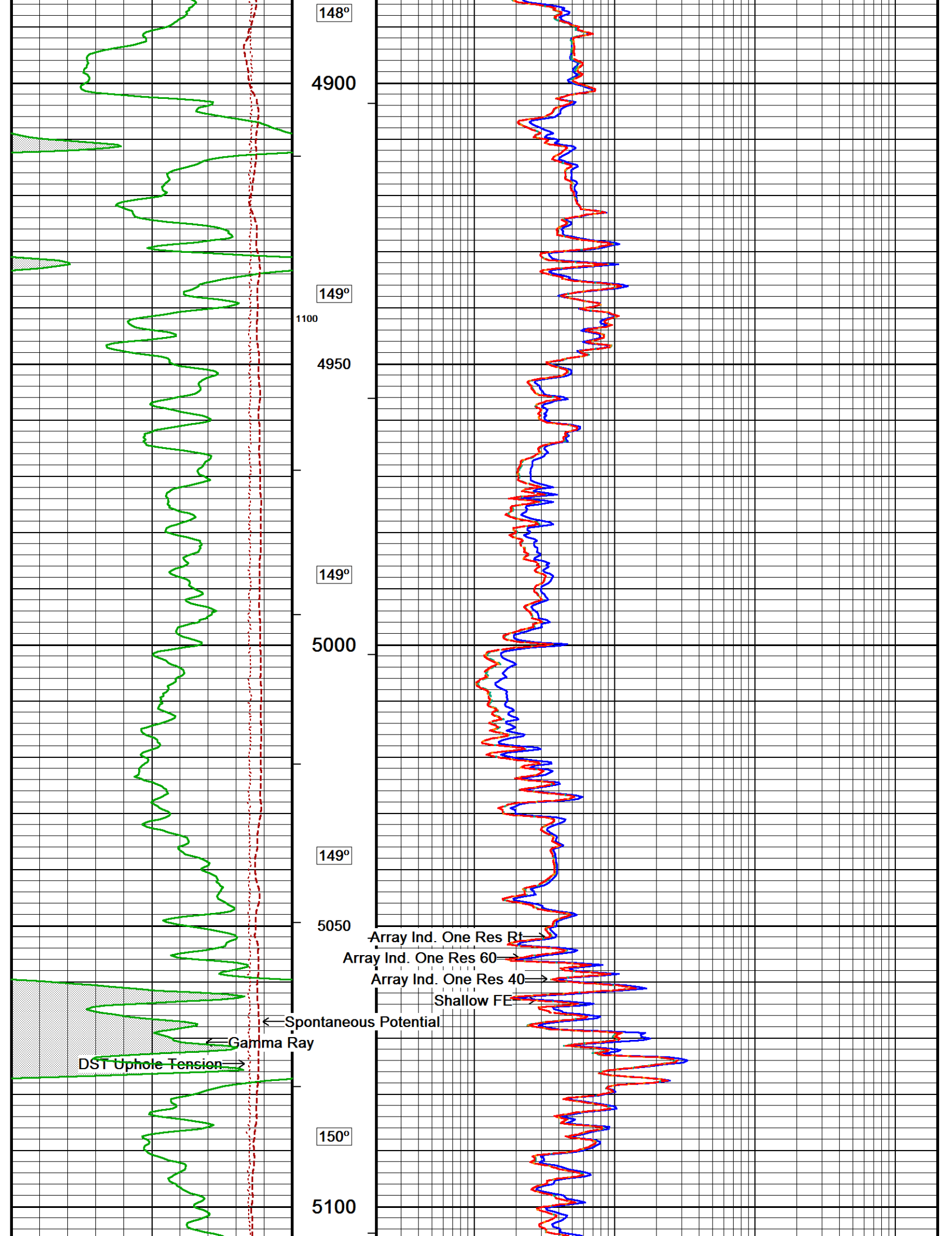
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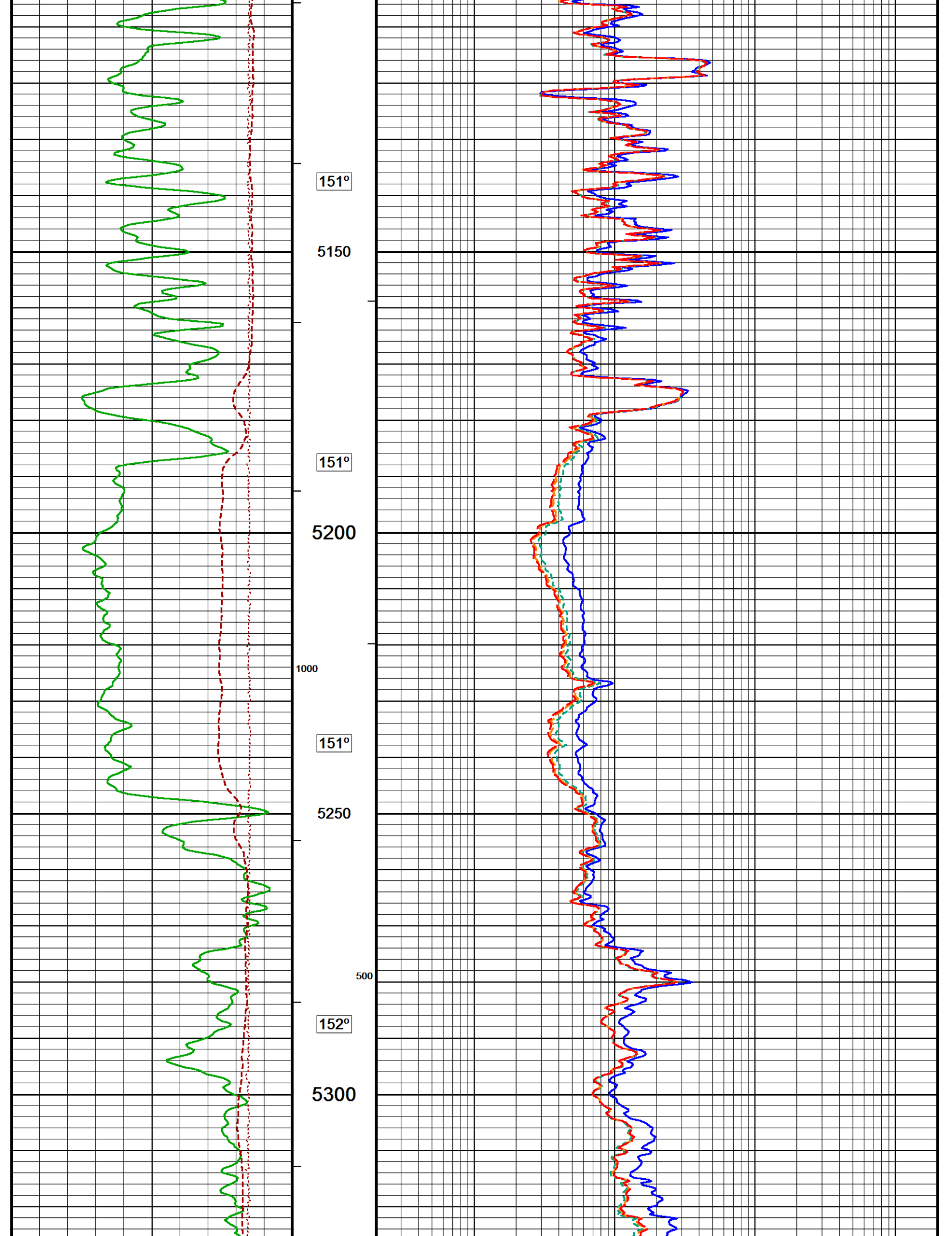


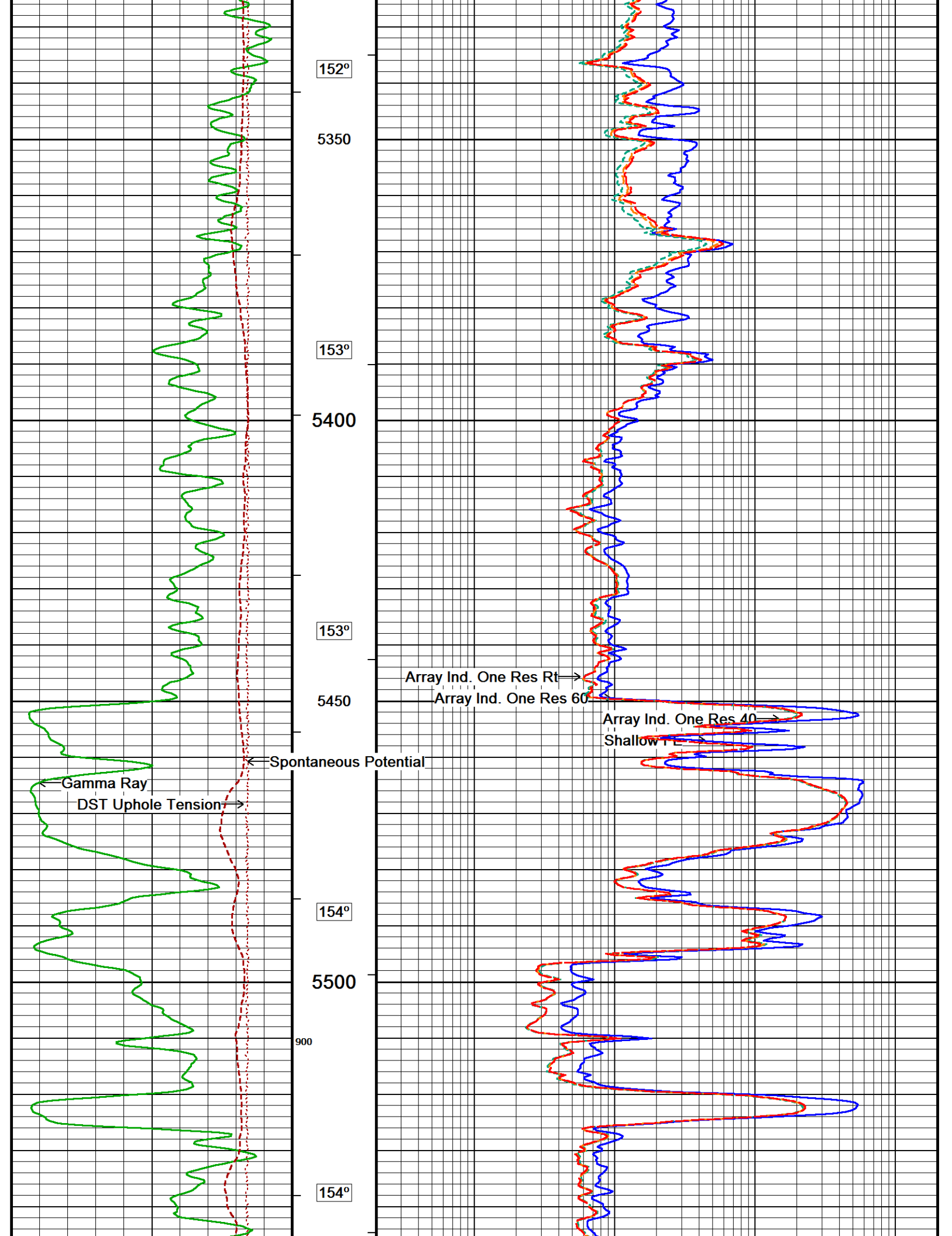


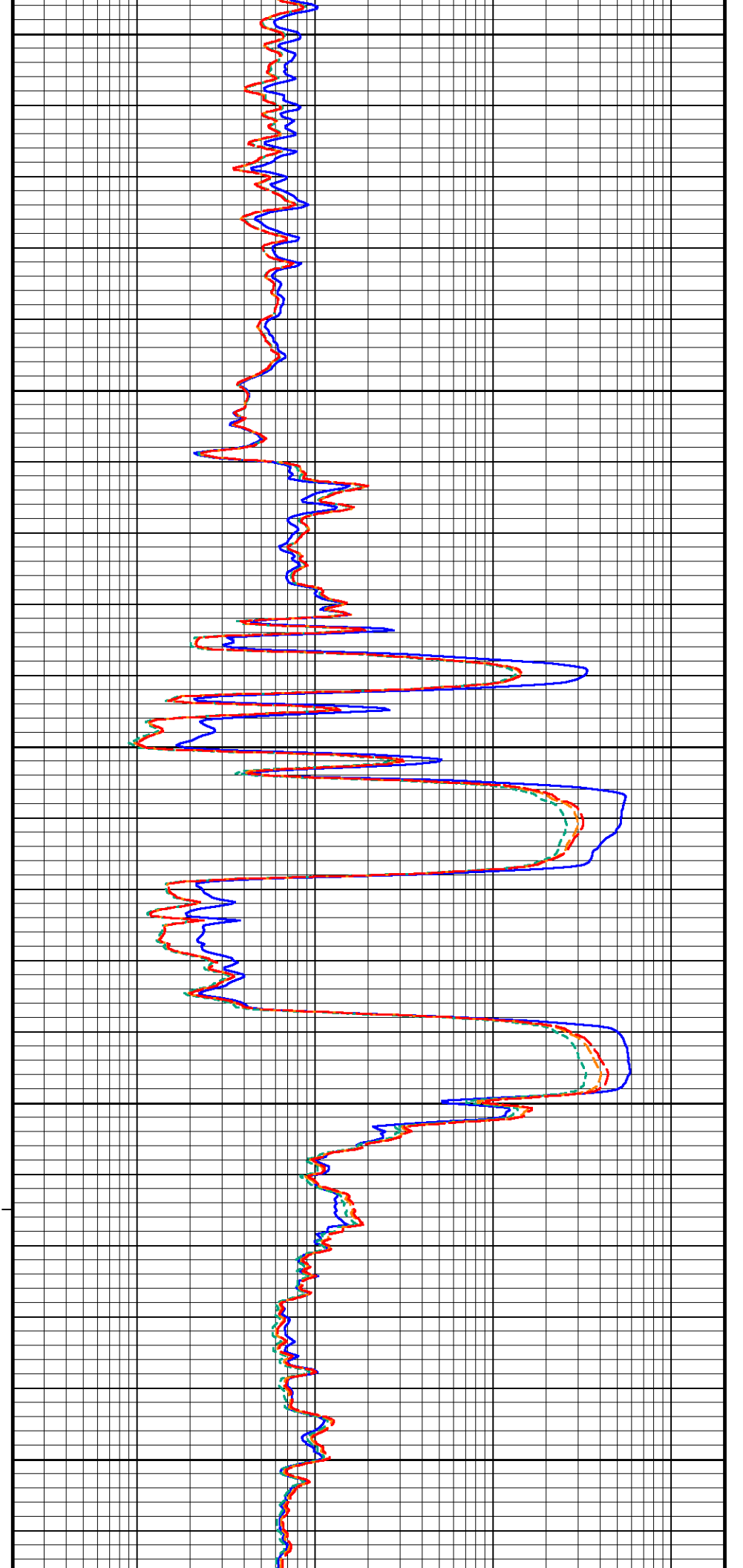
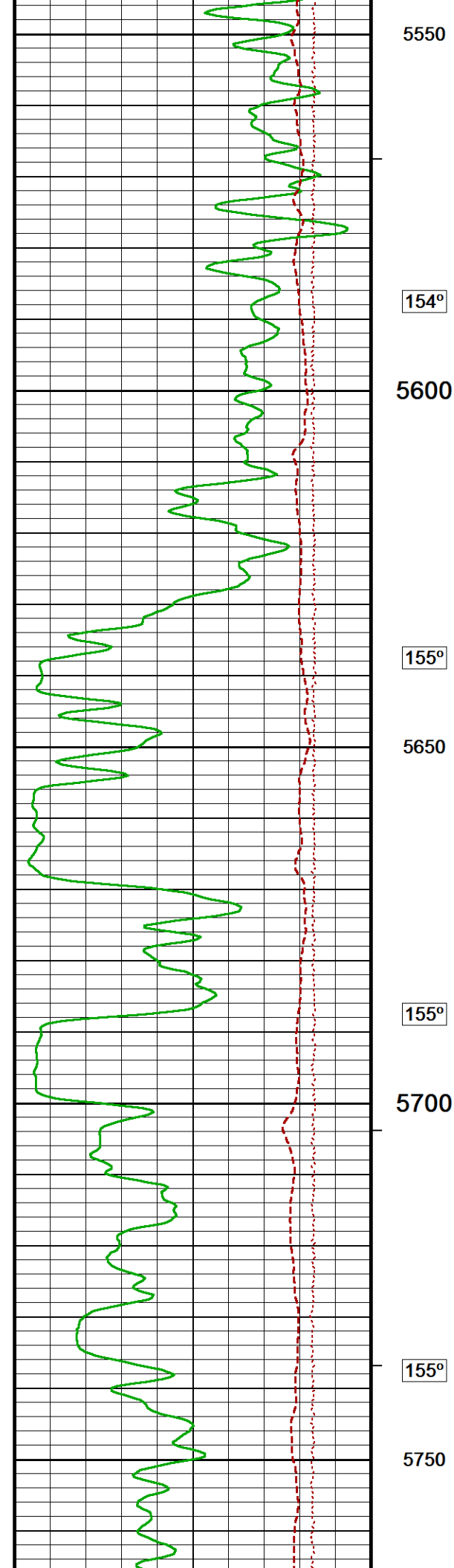


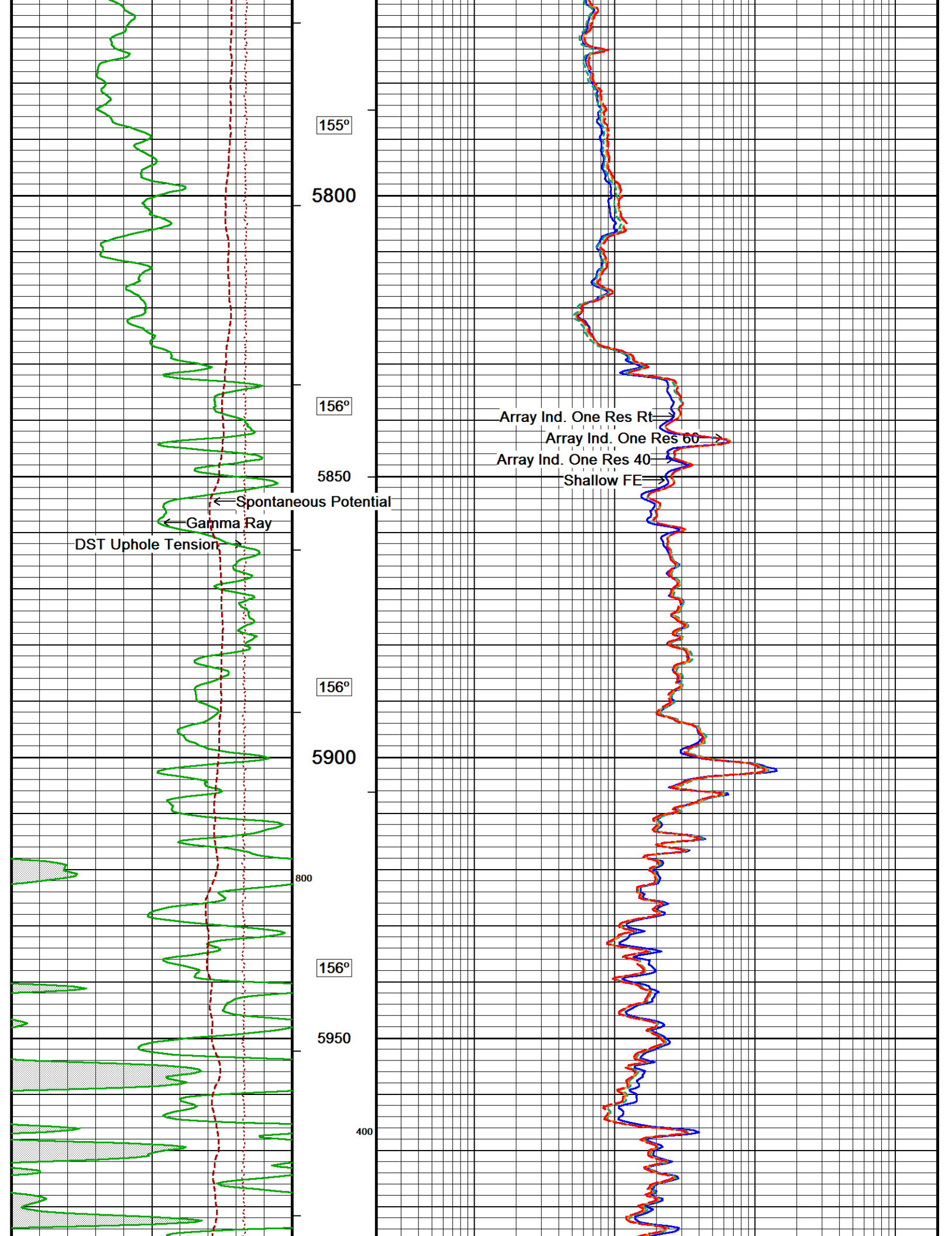


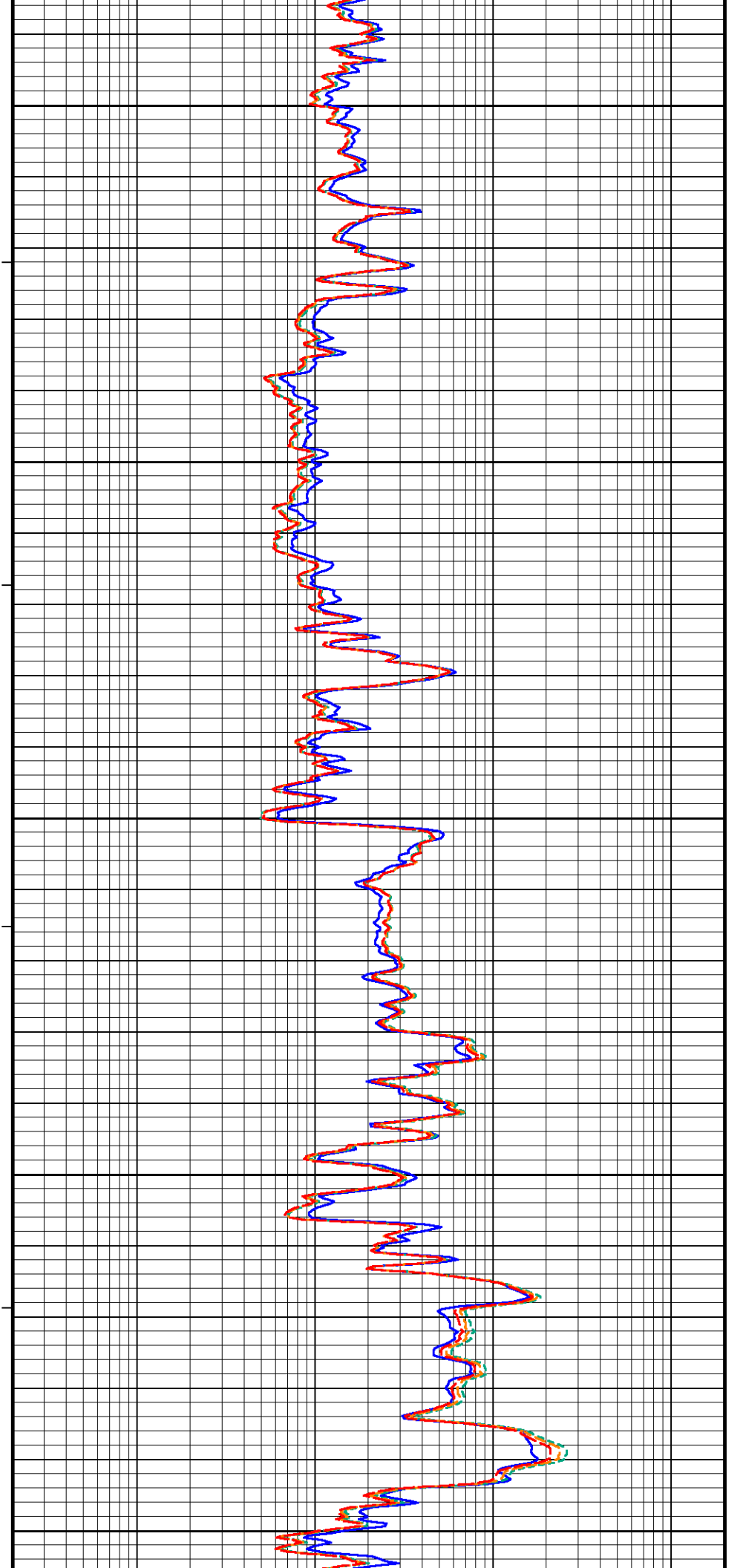
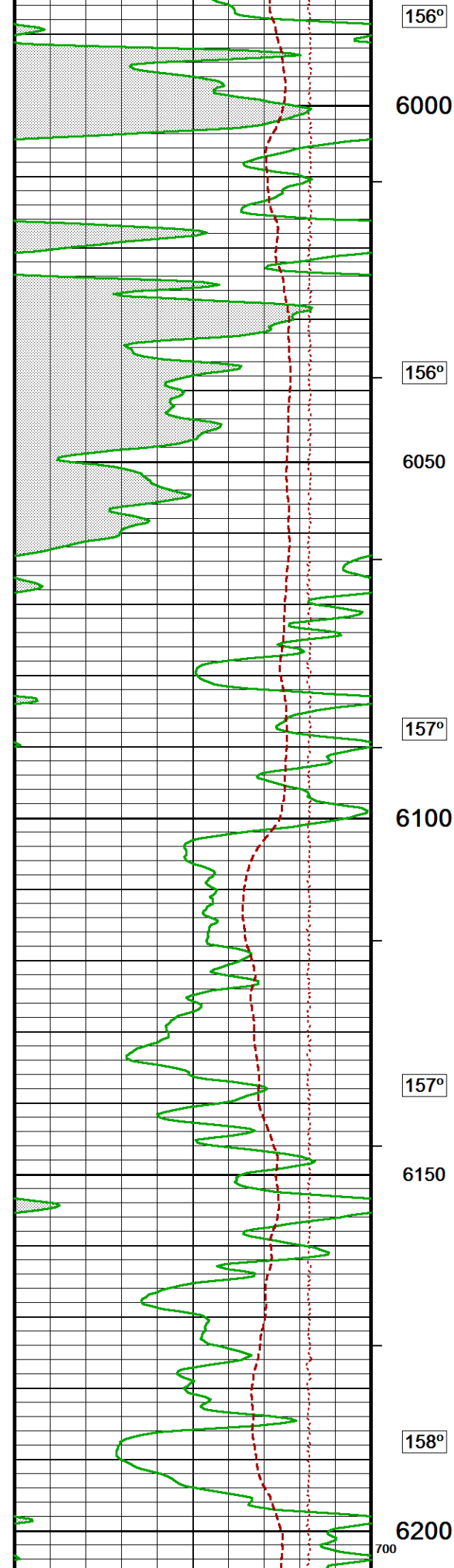


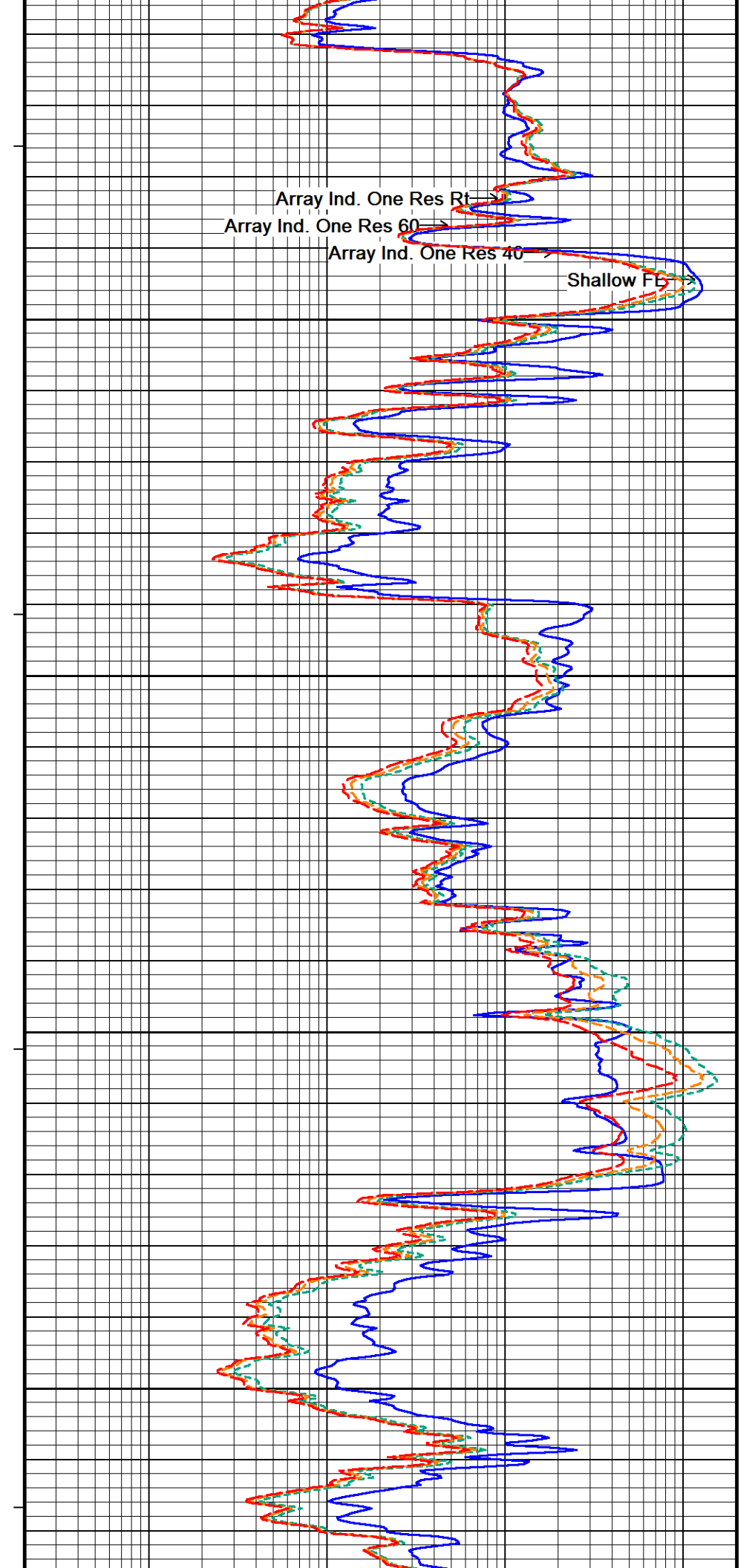
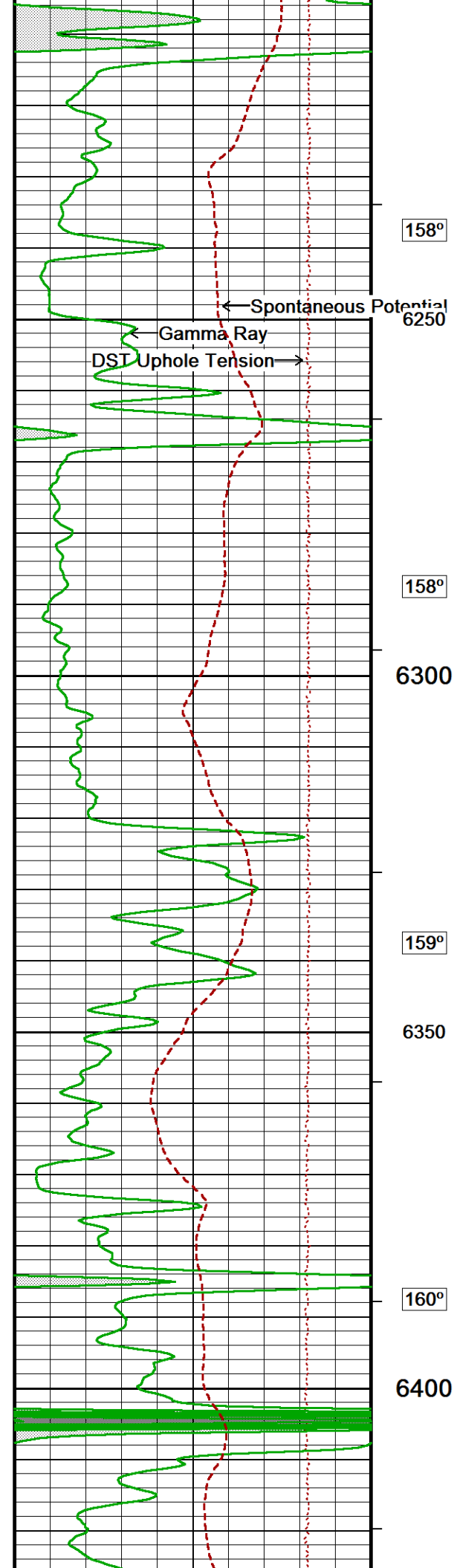


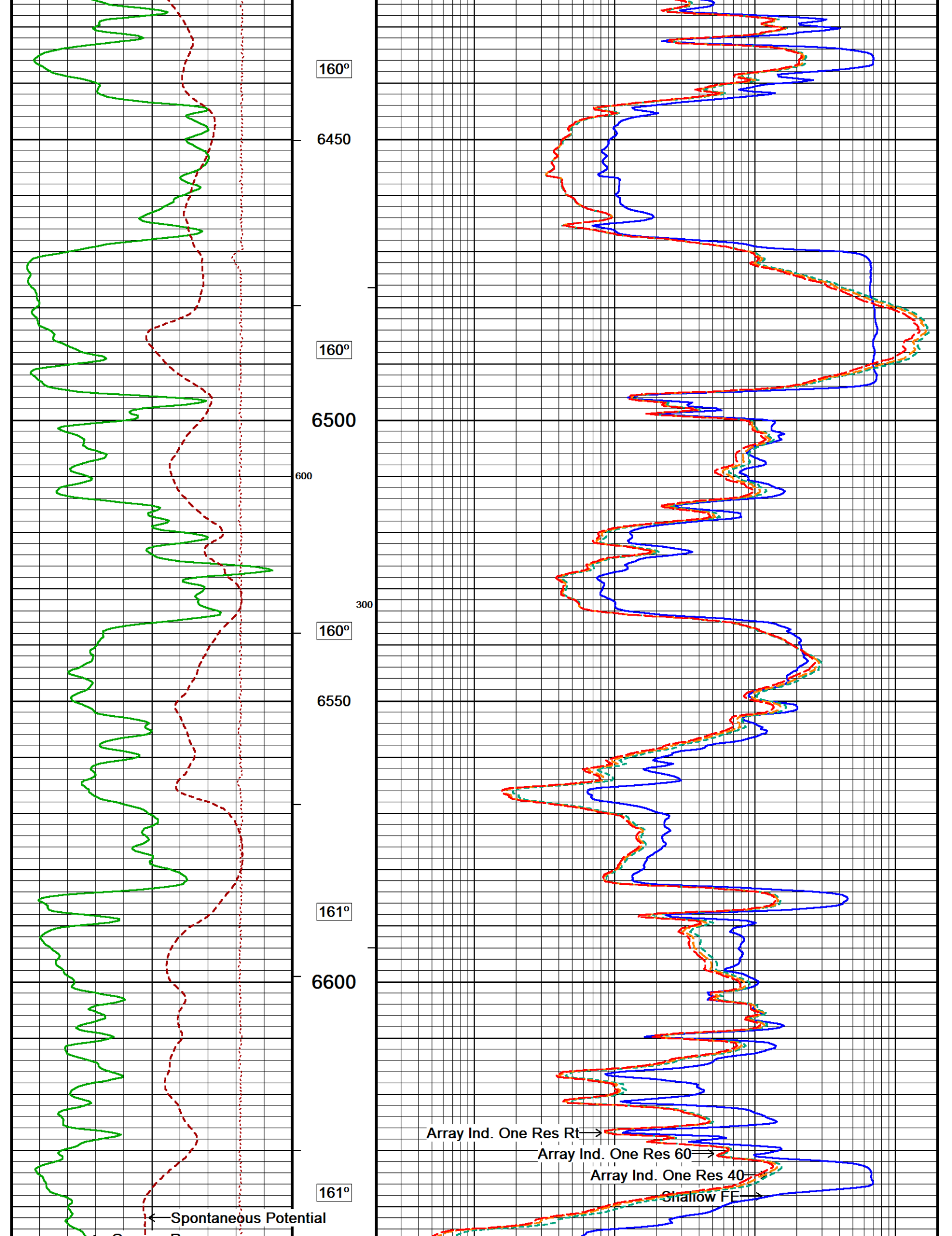


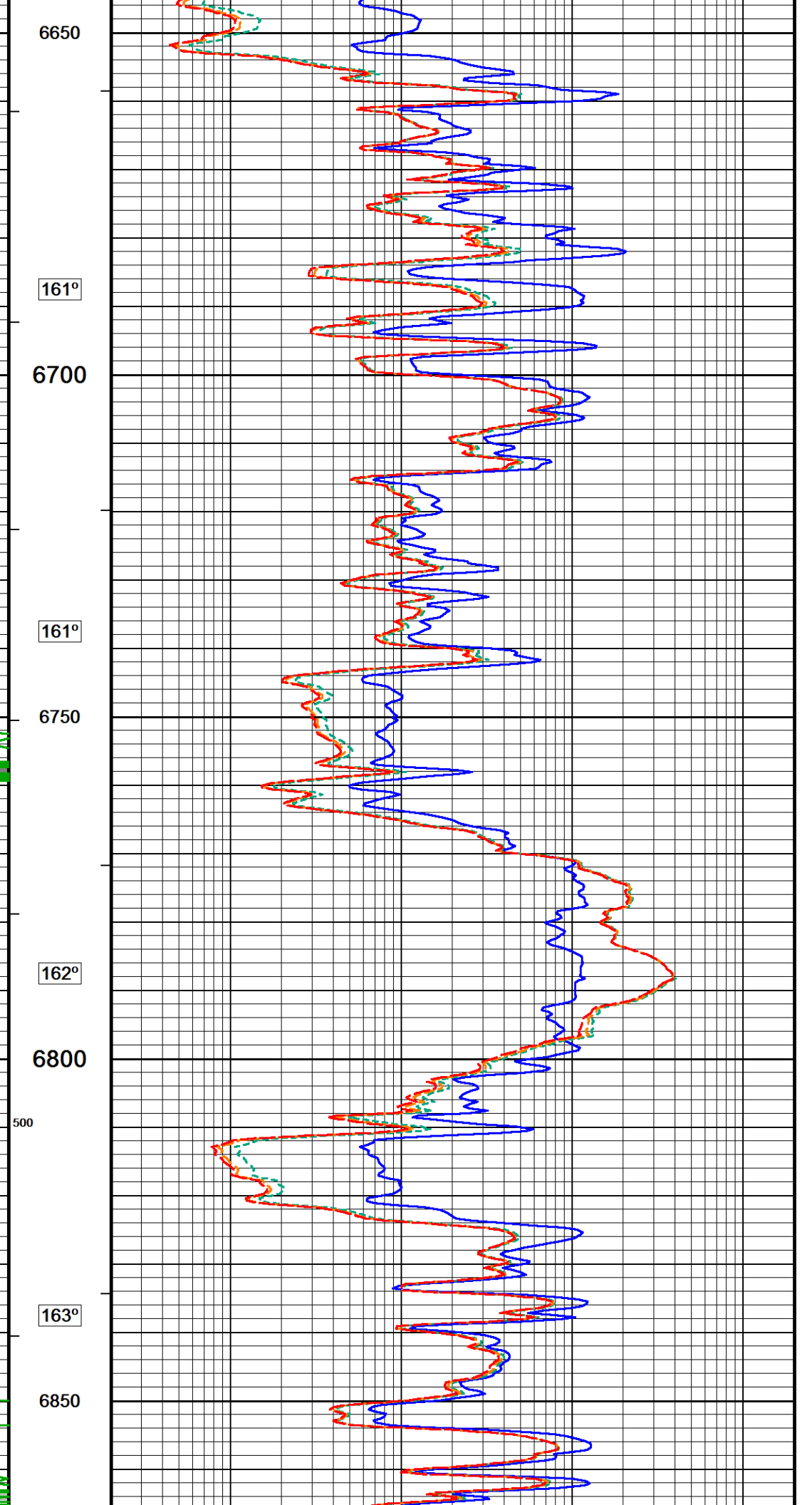
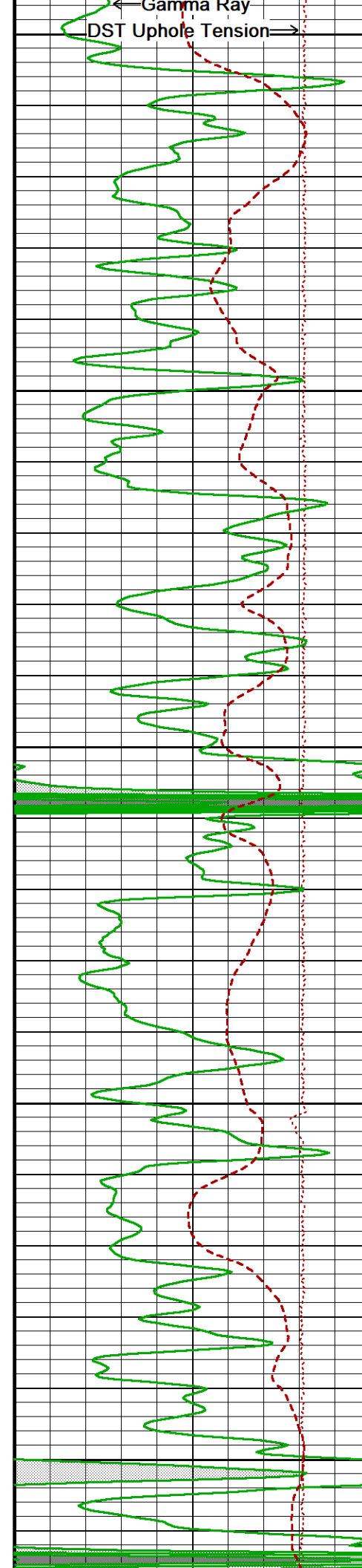


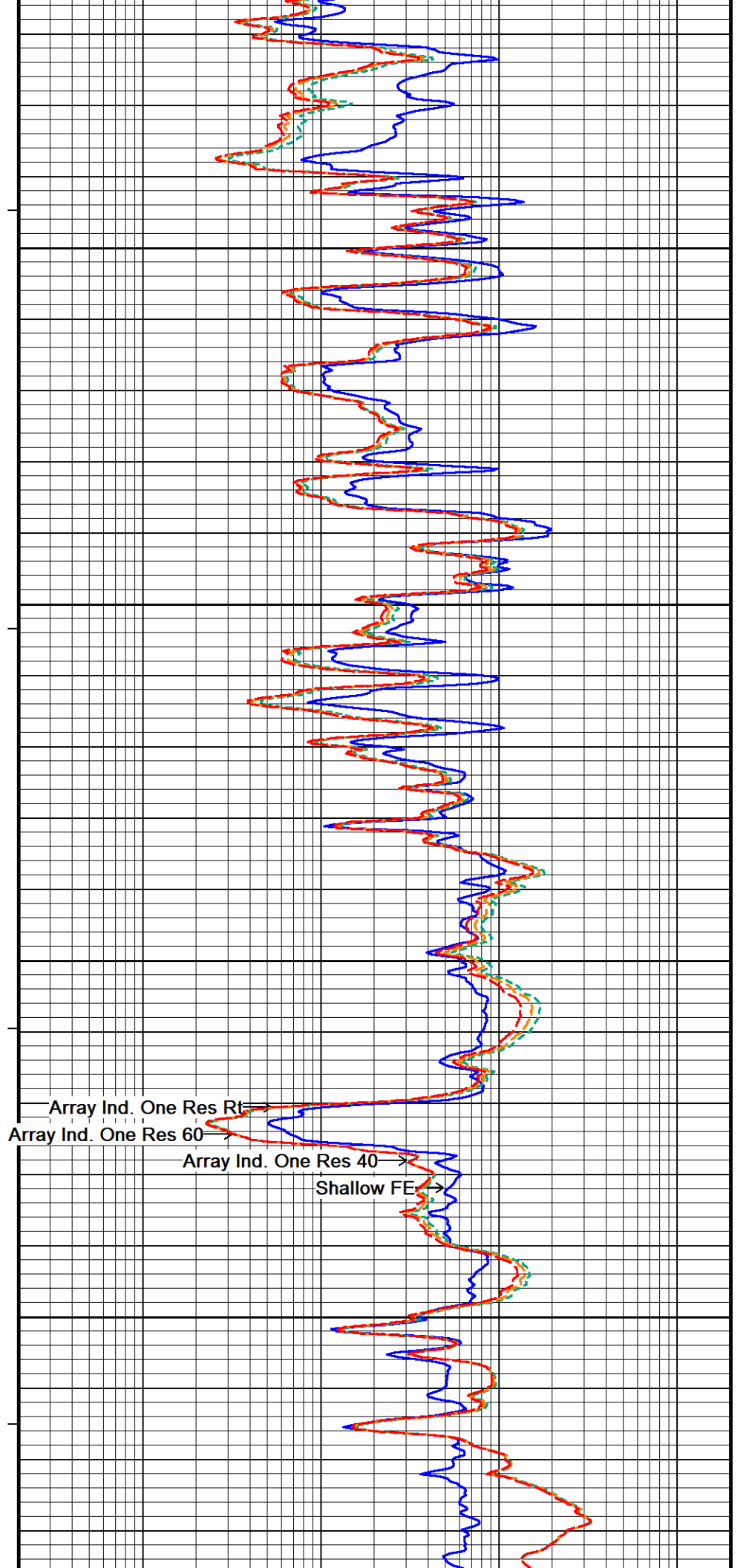
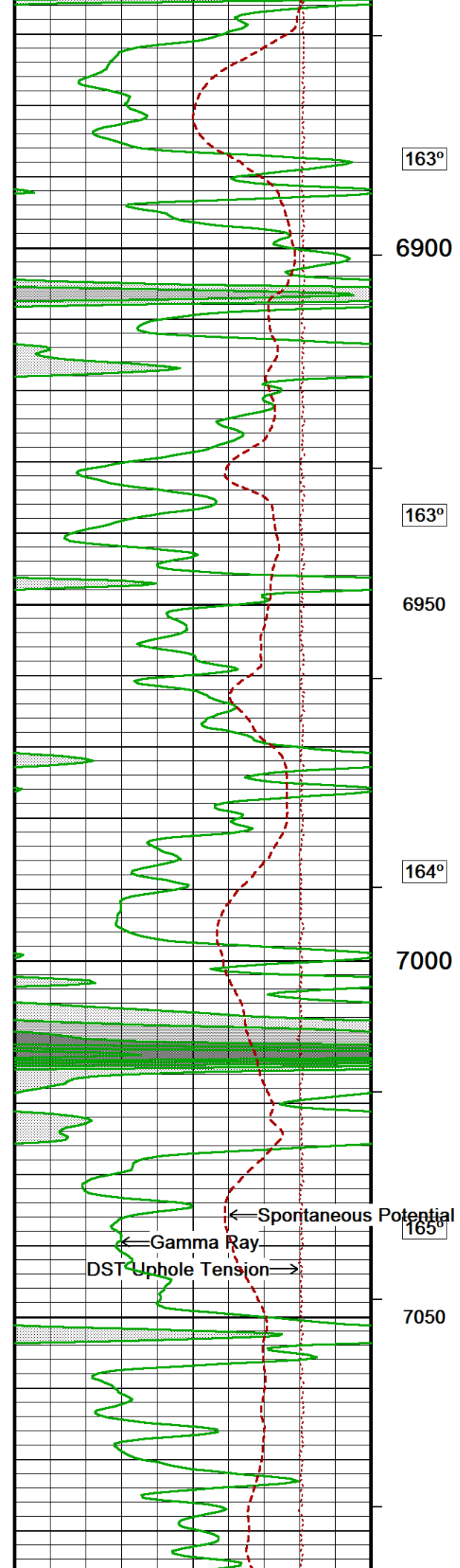












163°

6900

163°

6950

164°

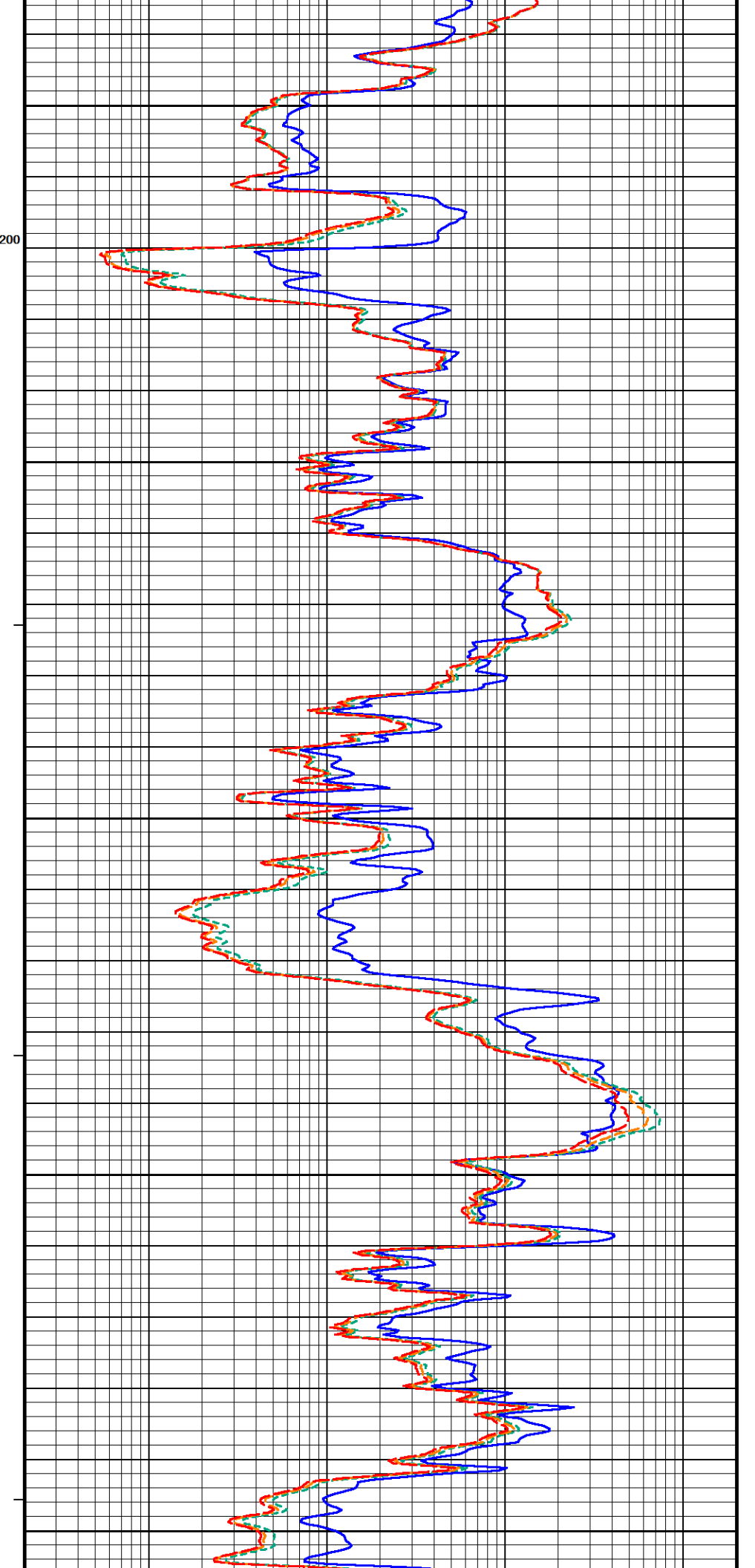
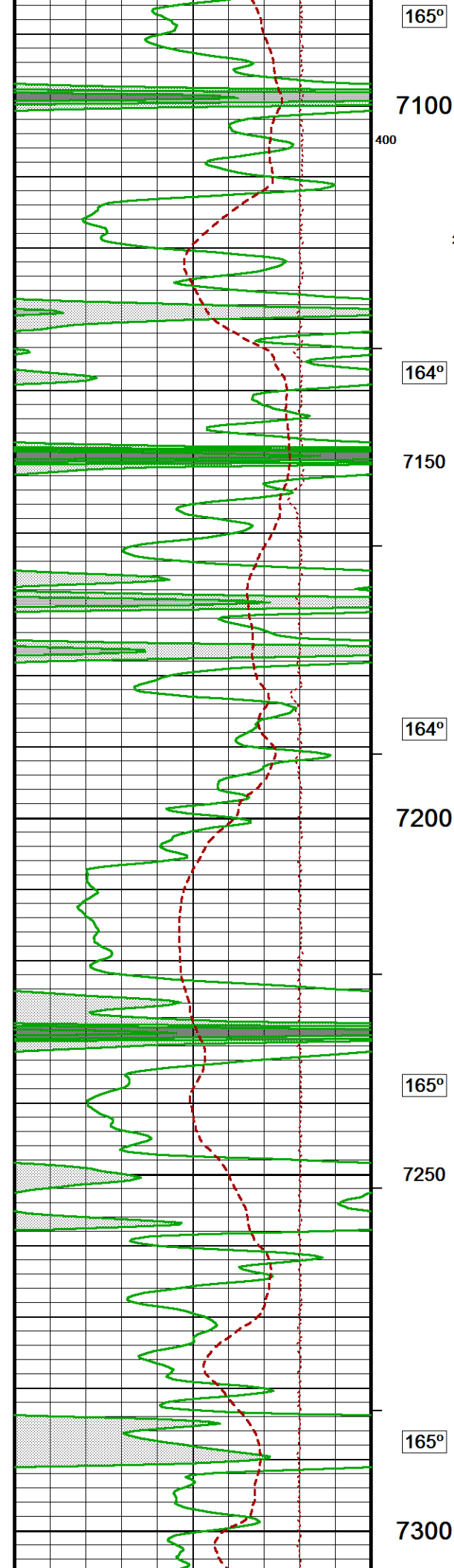
7000

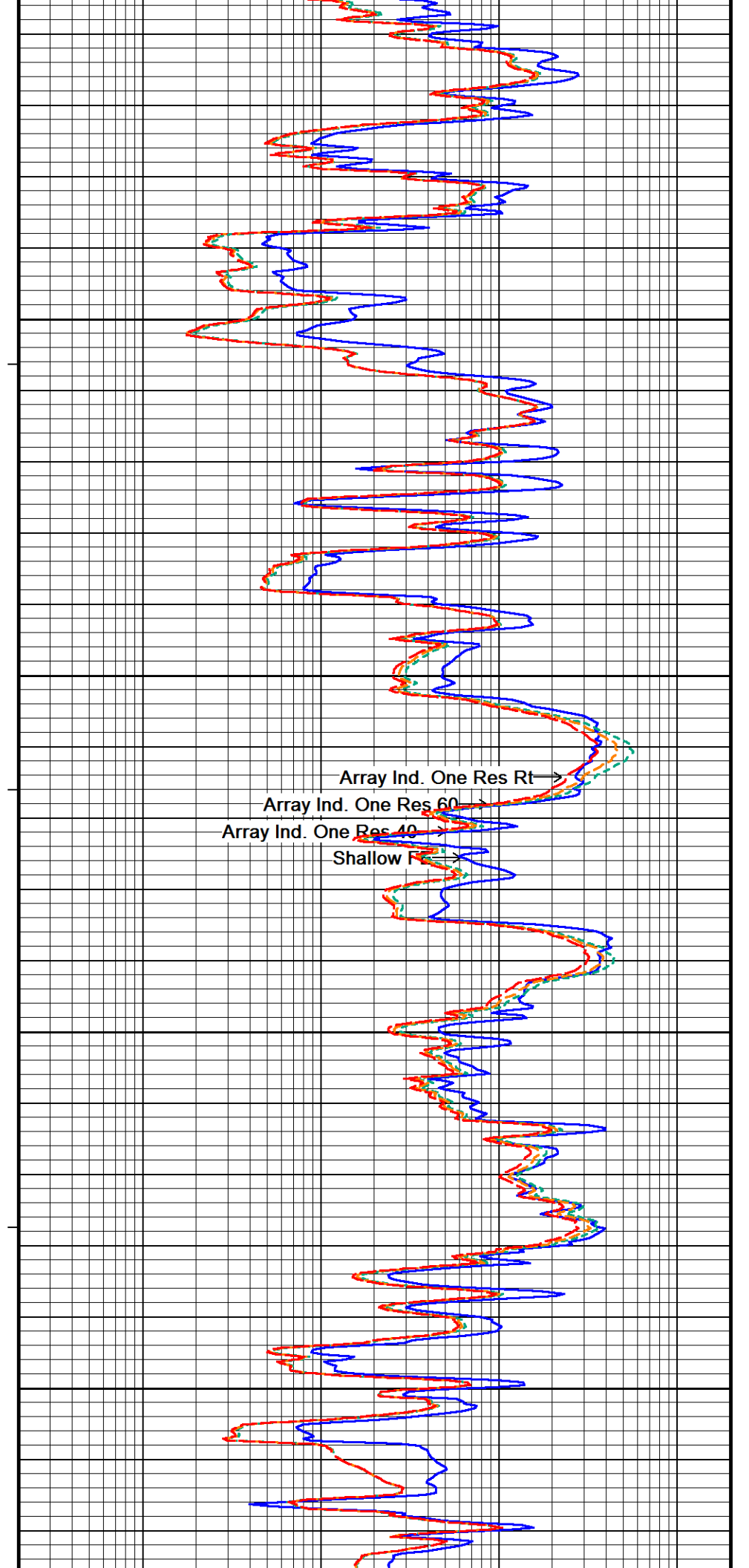
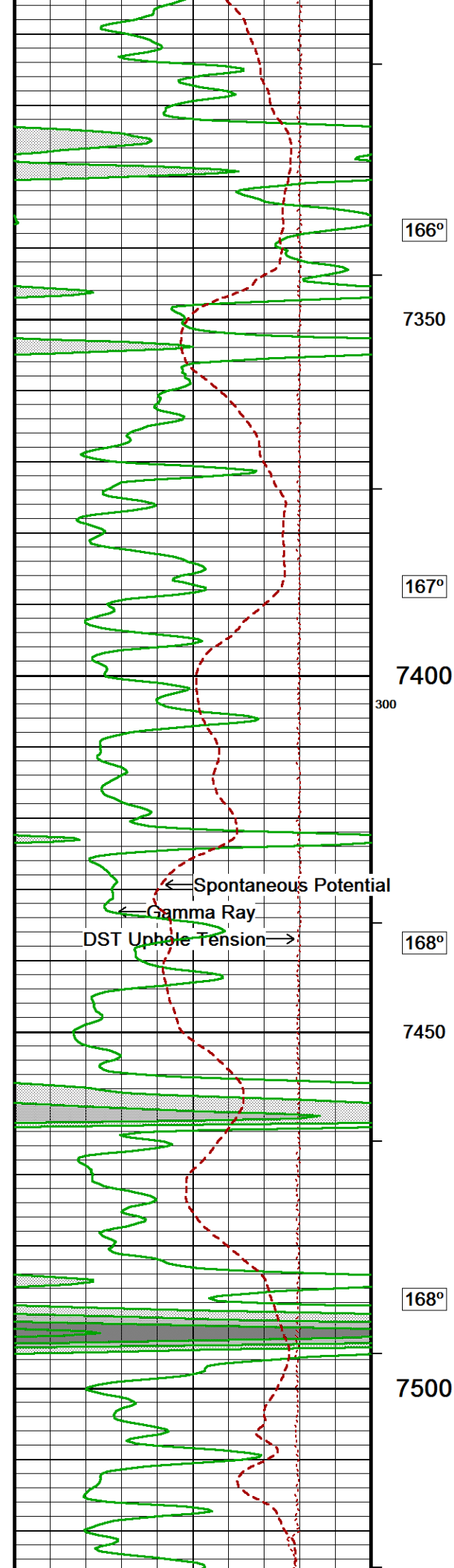
165°

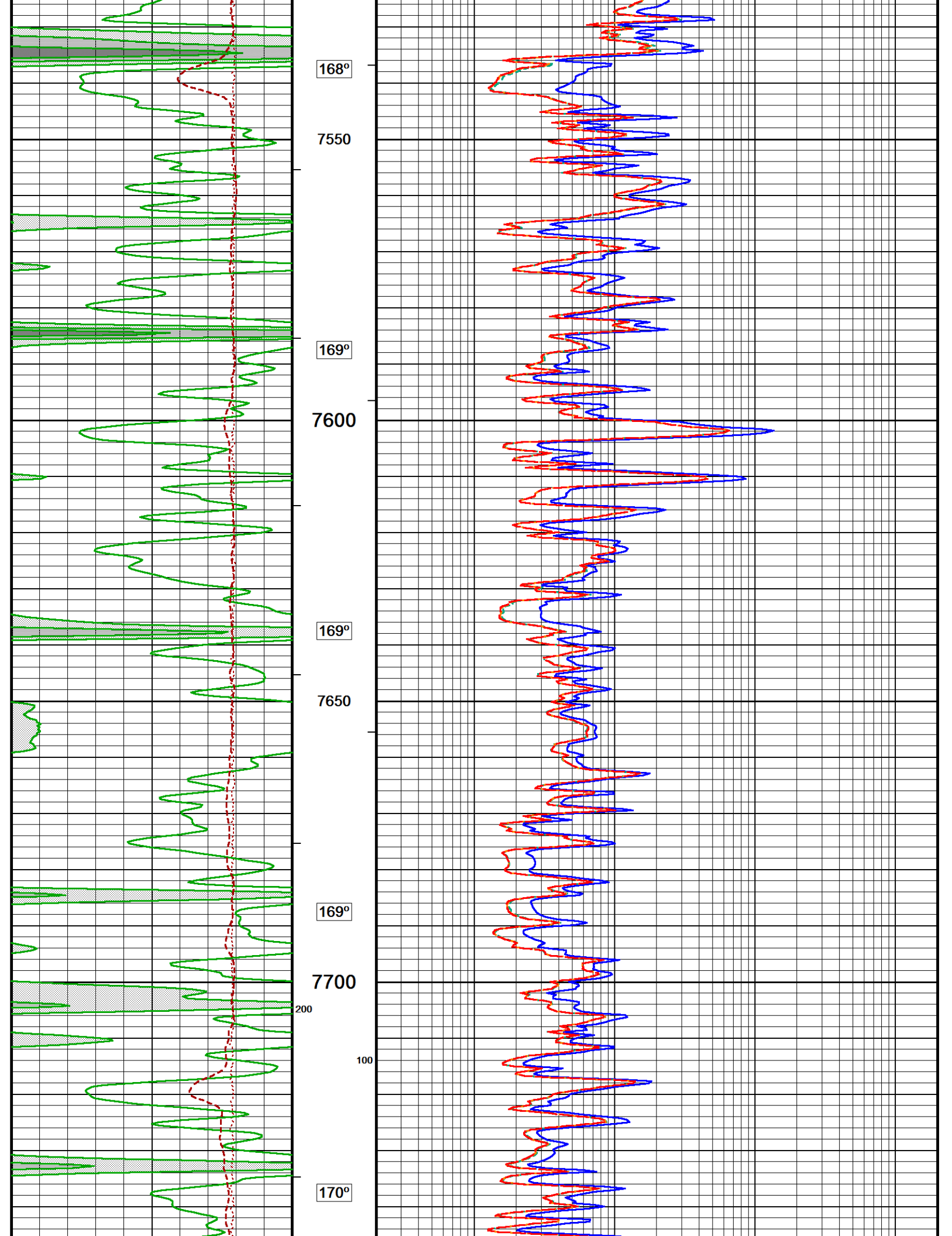
7050

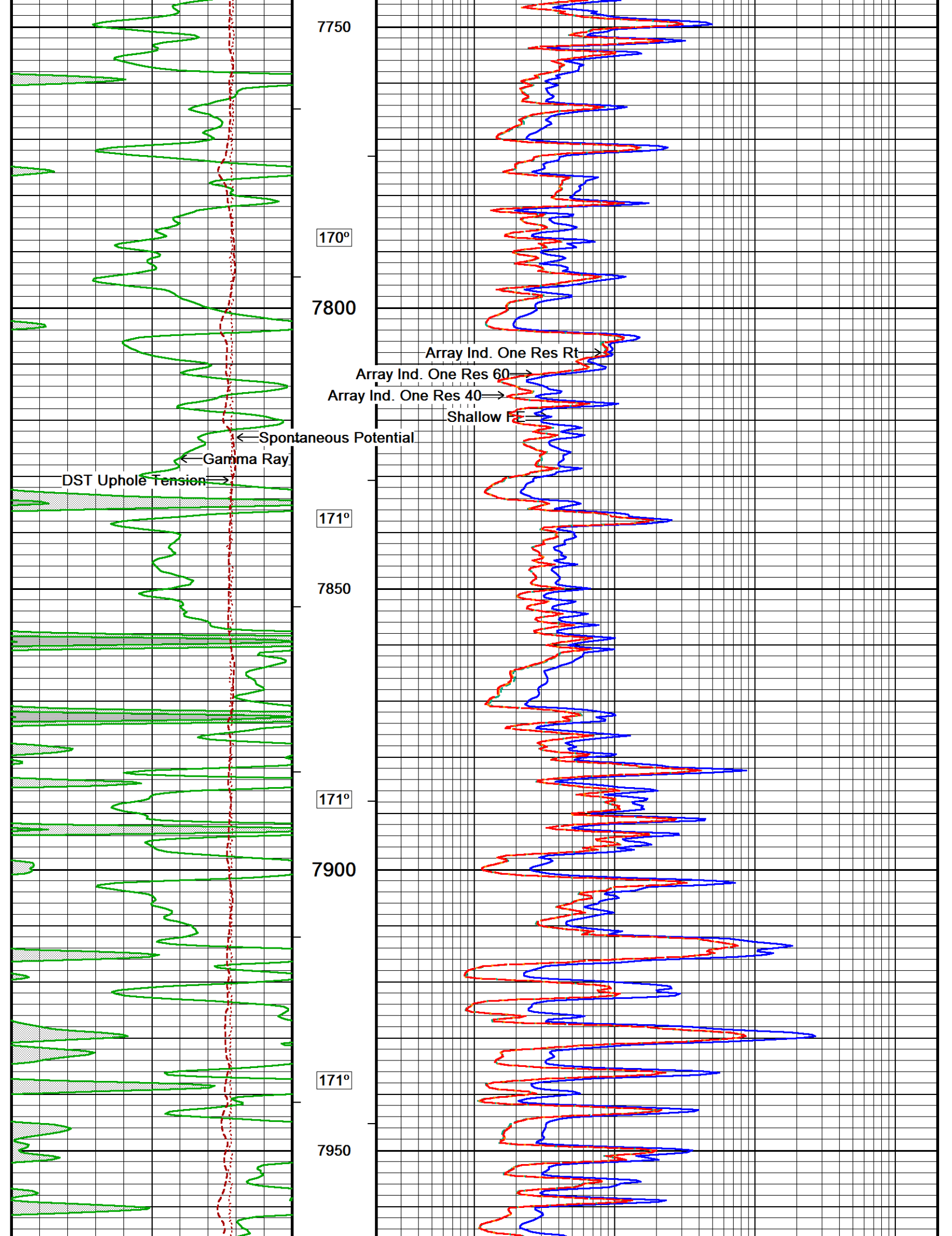
← Spontaneous Potential
← Gamma Ray
DST Uphole Tension →

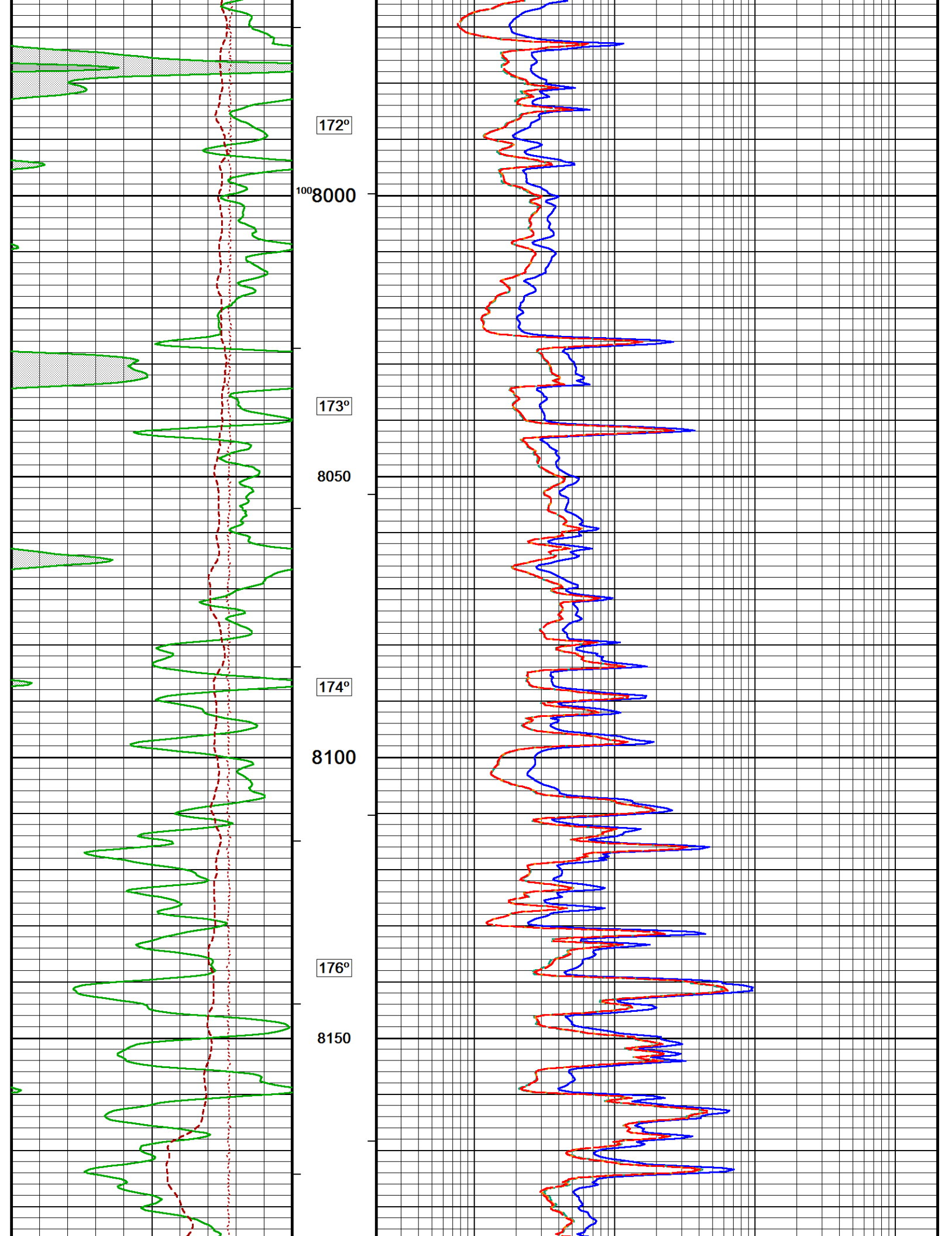
Array Ind. One Res Rt →
Array Ind. One Res 60 →
Array Ind. One Res 40 →
Shallow FE →

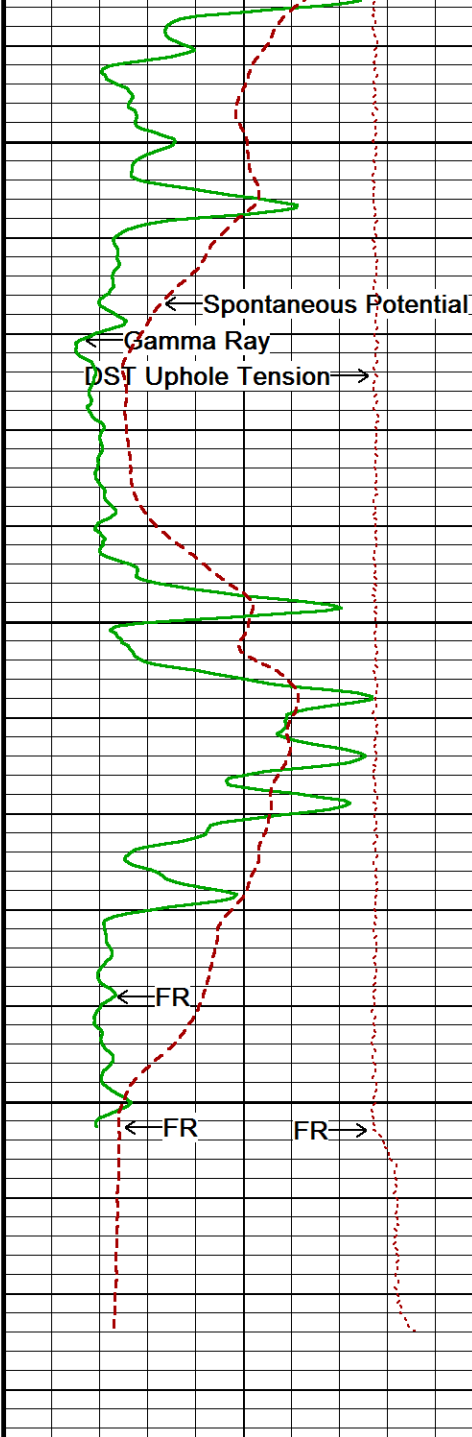












179°

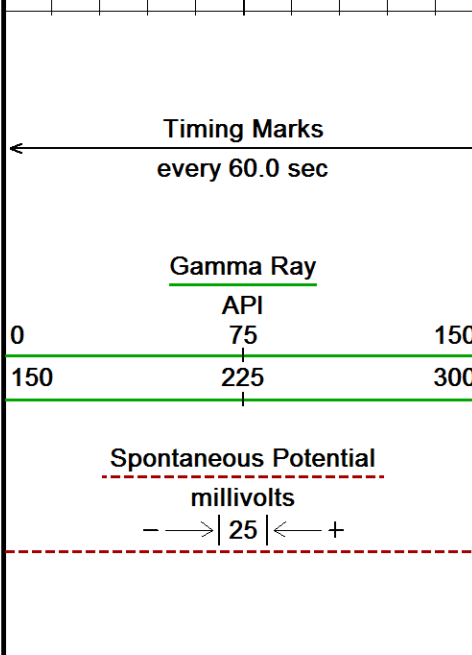
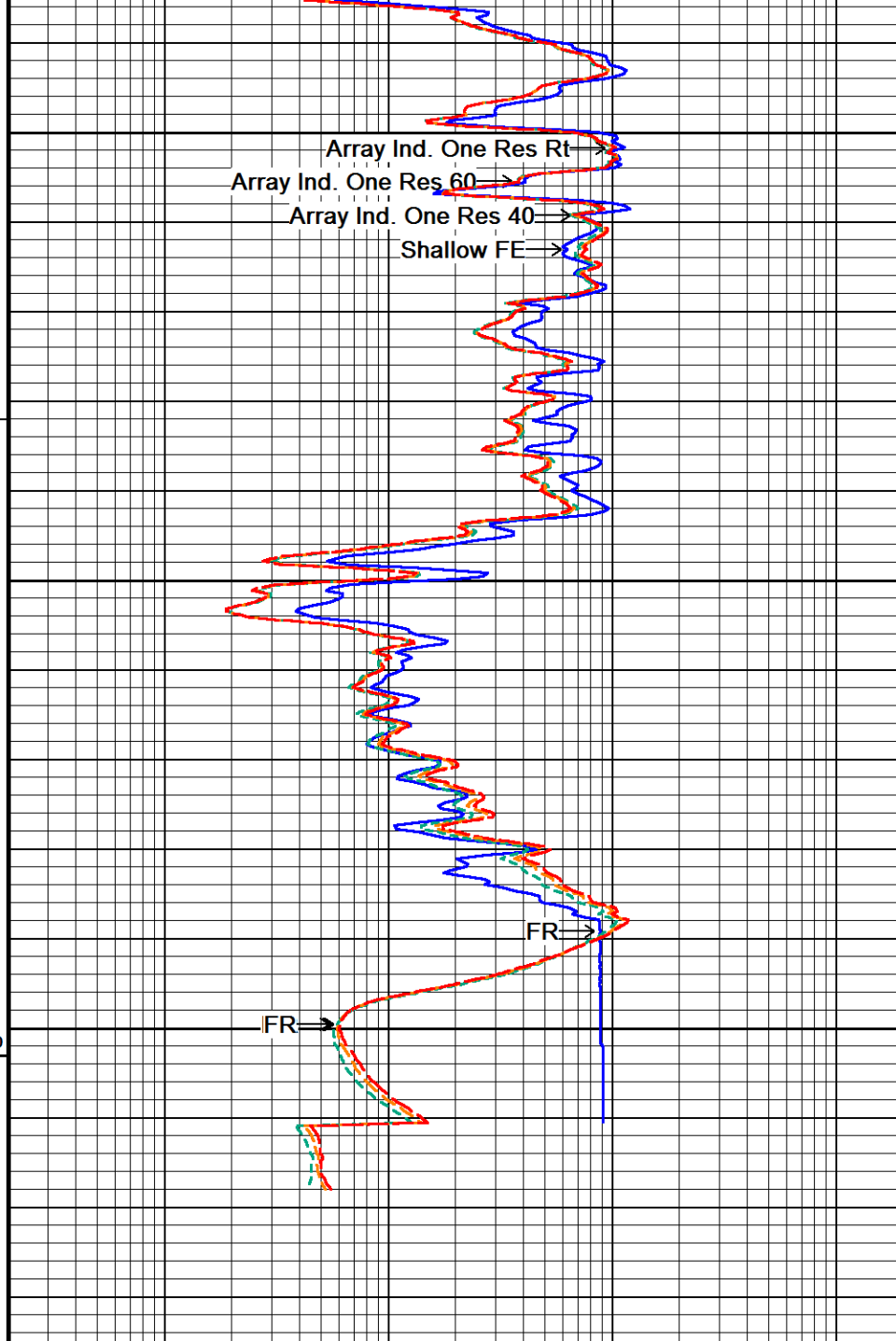
8200

179°

8250

8200

TD

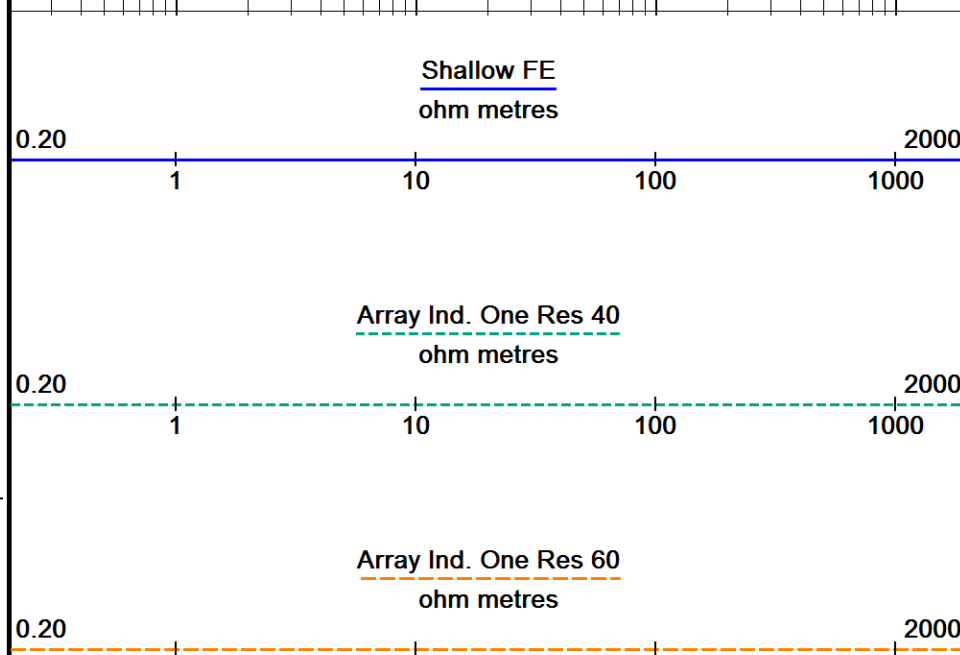


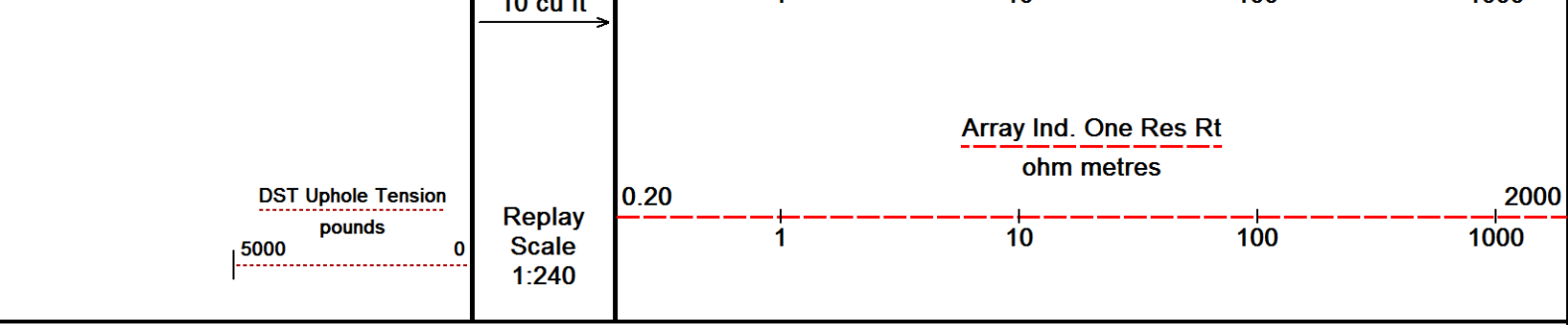
Depth In Feet

Borehole Temp in deg F

HVI every 10 cu ft

Annular Integral every 10 cu ft



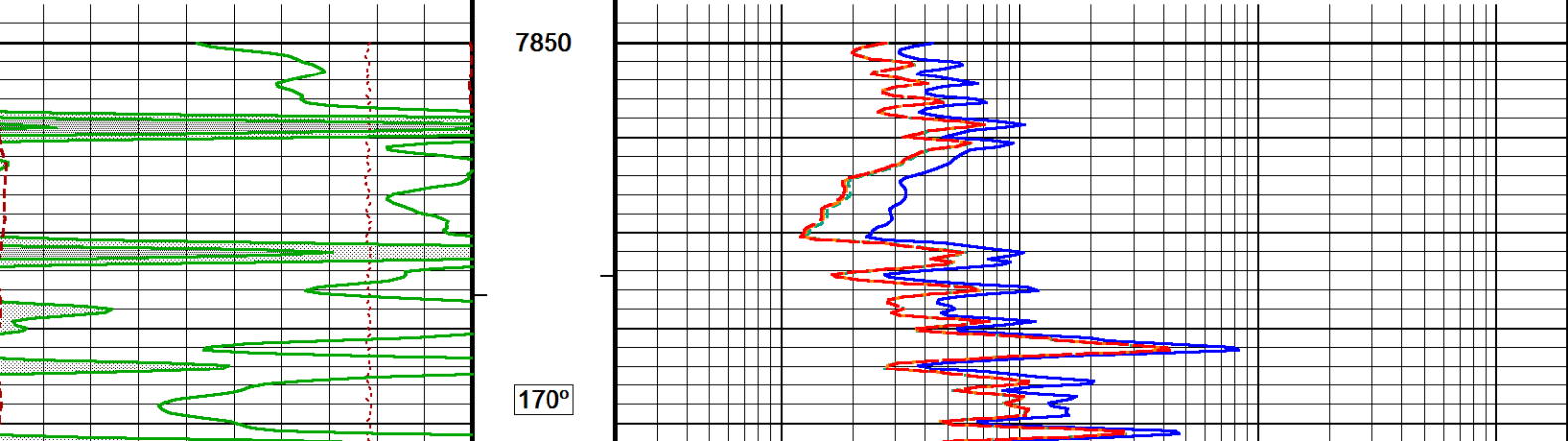
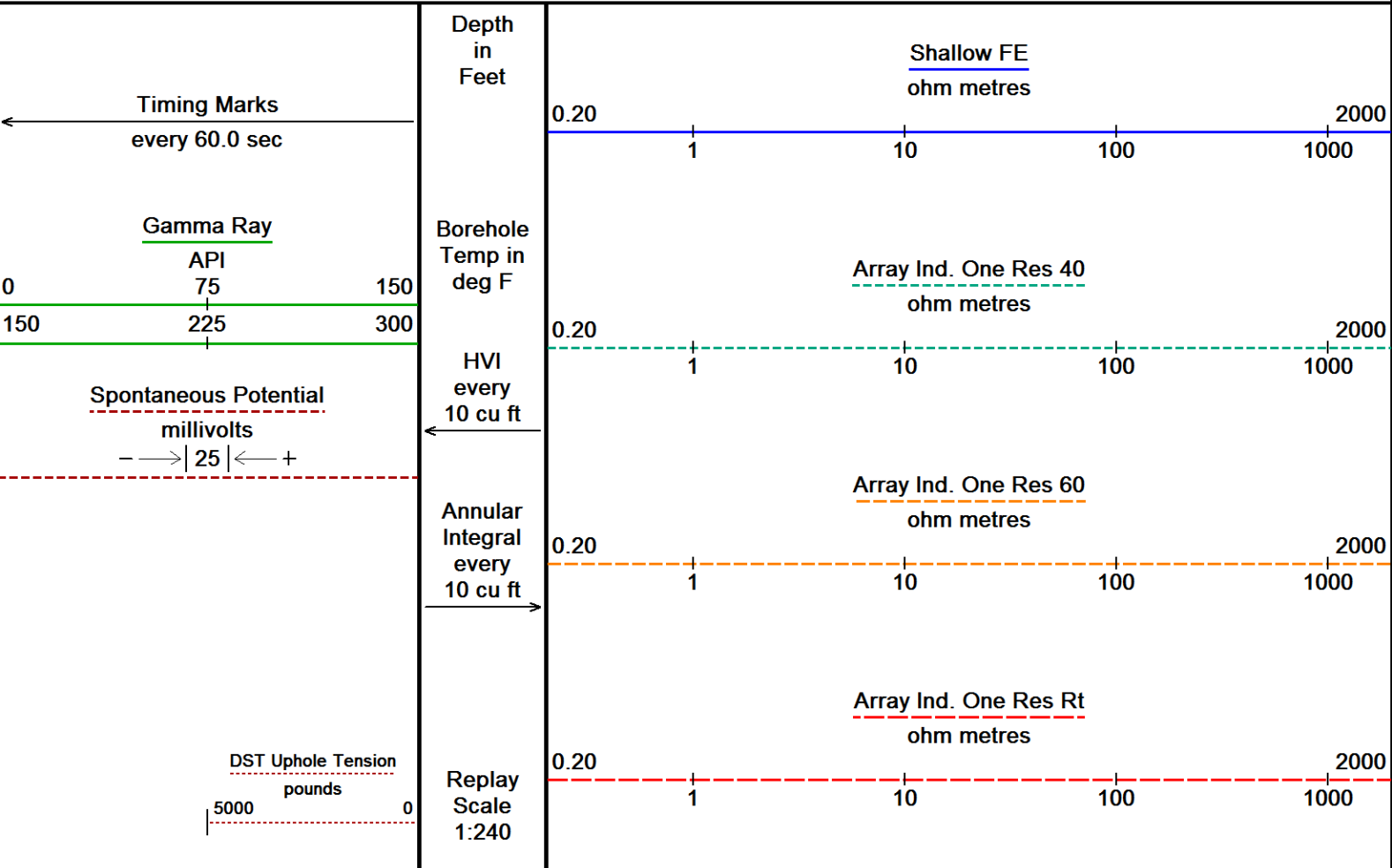


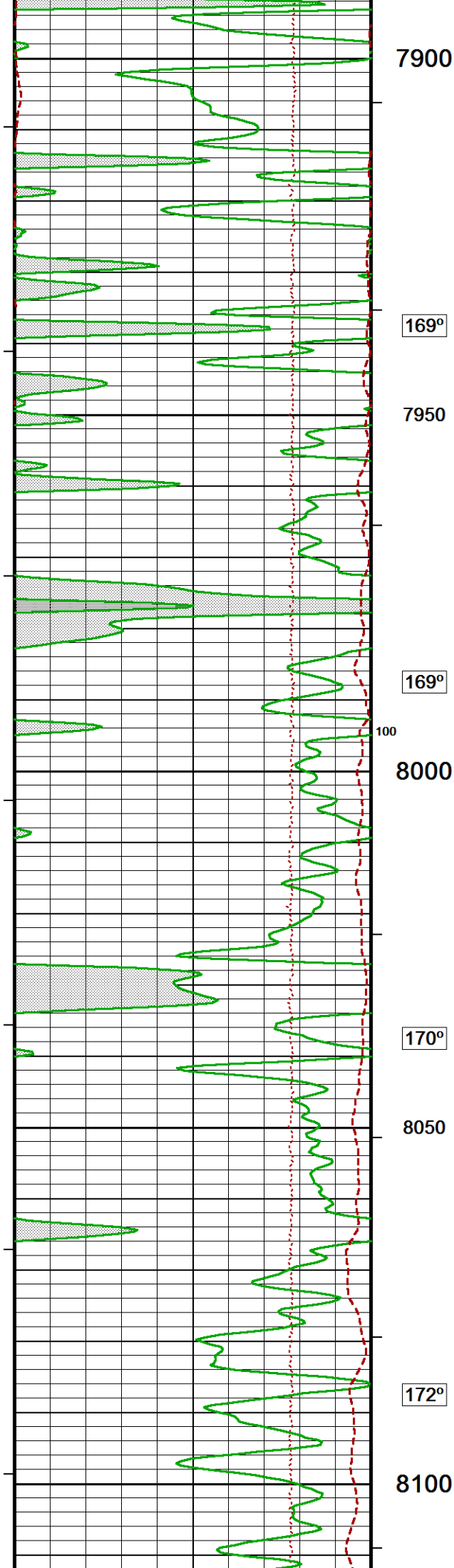
Depth Based Data - Maximum Sampling Increment 10.0cm
 Plotted on 20-JAN-2019 14:06
 Filename: C:\Minimus 18.03.9344\Data\Murfin Moonraker #6-27\MERGED MAIN PASS final.dta
 Recorded on 20-JAN-2019 03:03
 System Versions: Plotted with 18.03.9344

↑ 5 INCH MAIN ↑

↓ REPEAT SECTION ↓

Depth Based Data - Maximum Sampling Increment 10.0cm
 Plotted on 20-JAN-2019 14:06
 Filename: C:\Minimus 18.03.9344\Data\Murfin Moonraker #6-27\REPEAT PASS.dta
 Recorded on 20-JAN-2019 02:40
 System Versions: Logged with 18.03.9344 Plotted with 18.03.9344





7900

169°

7950

169°

100

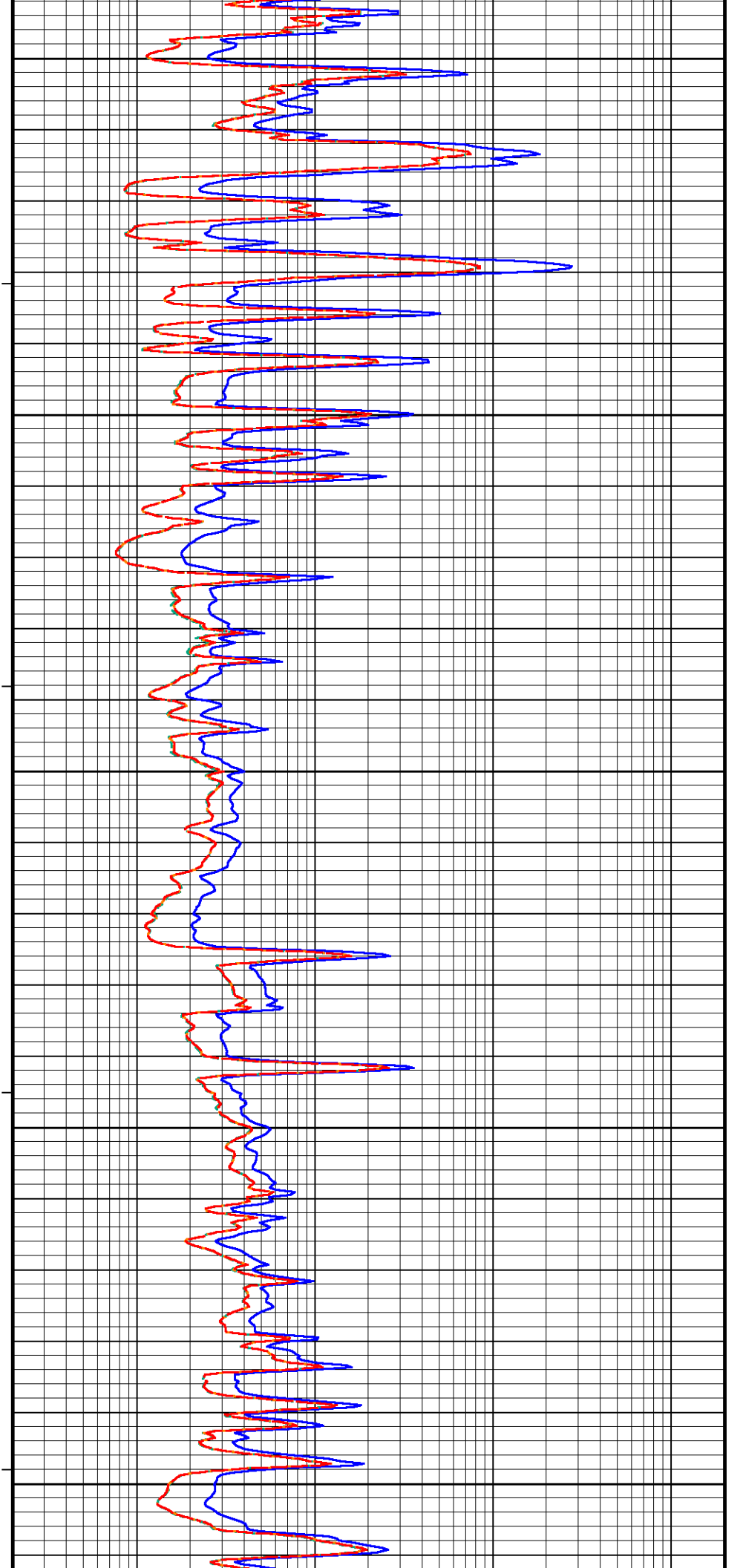
8000

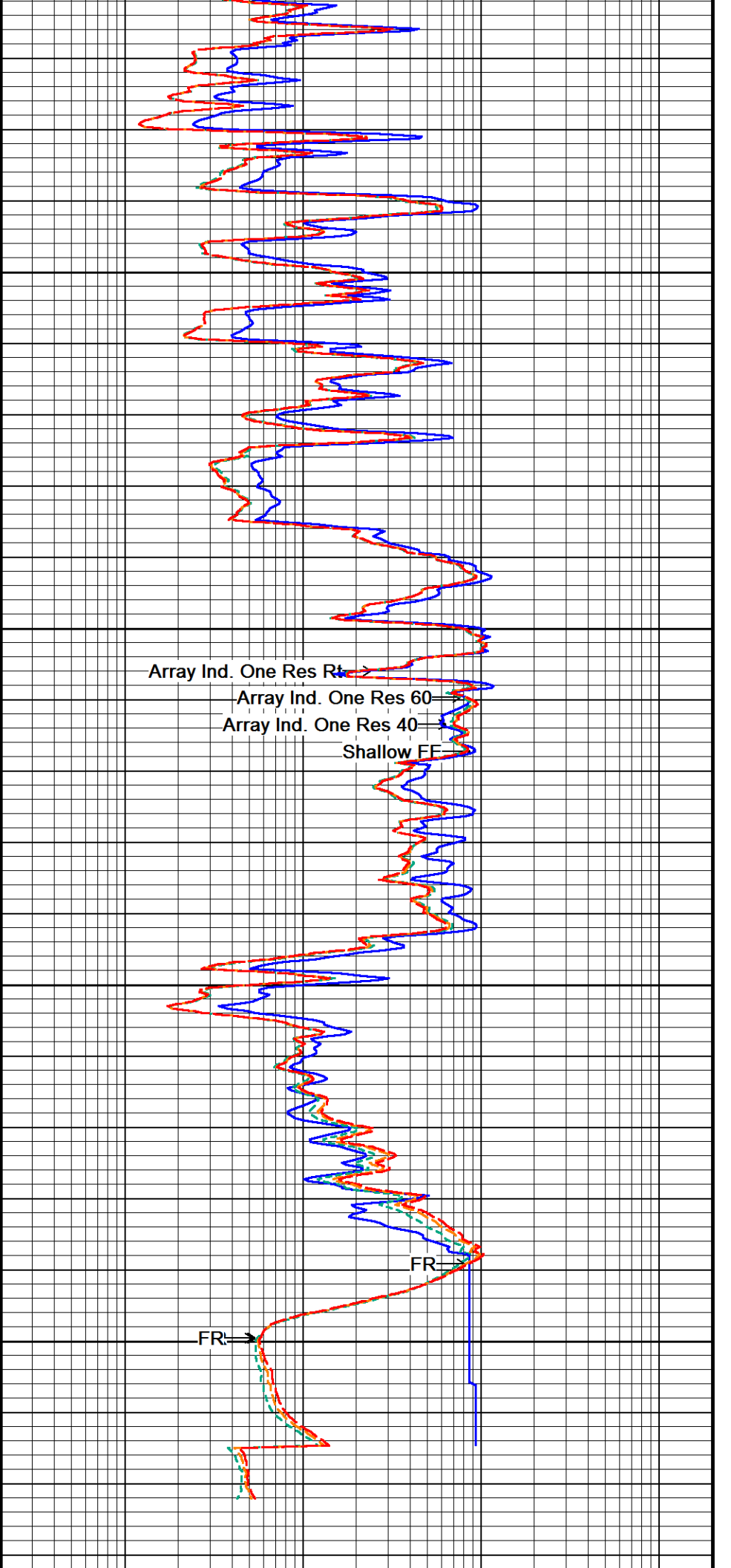
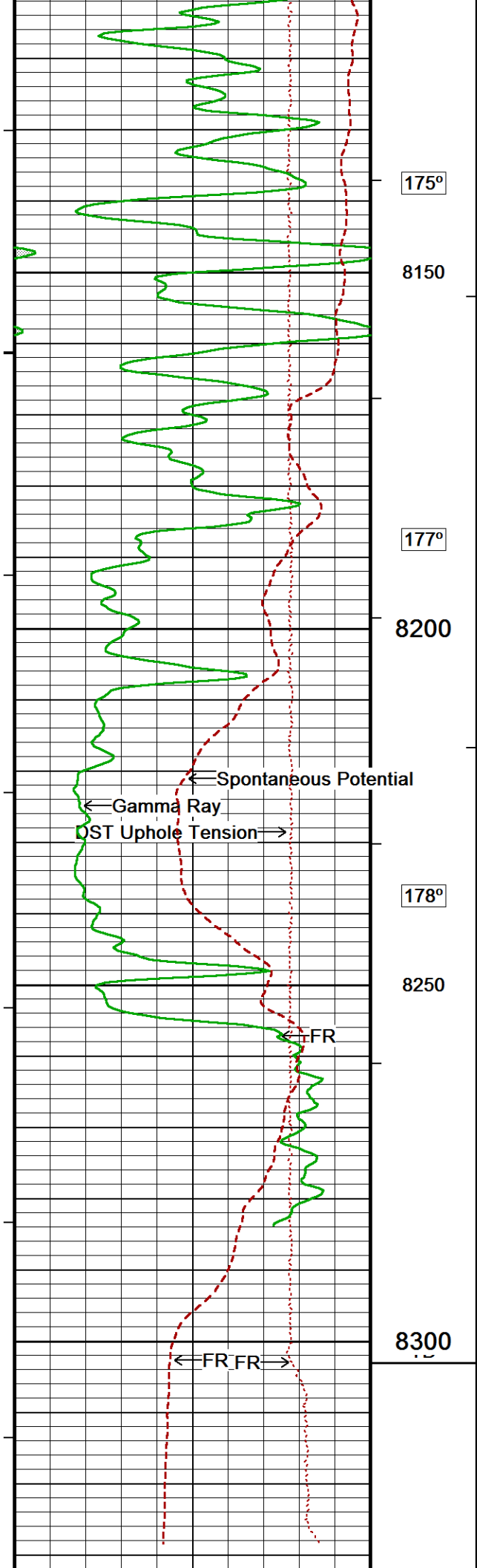
170°

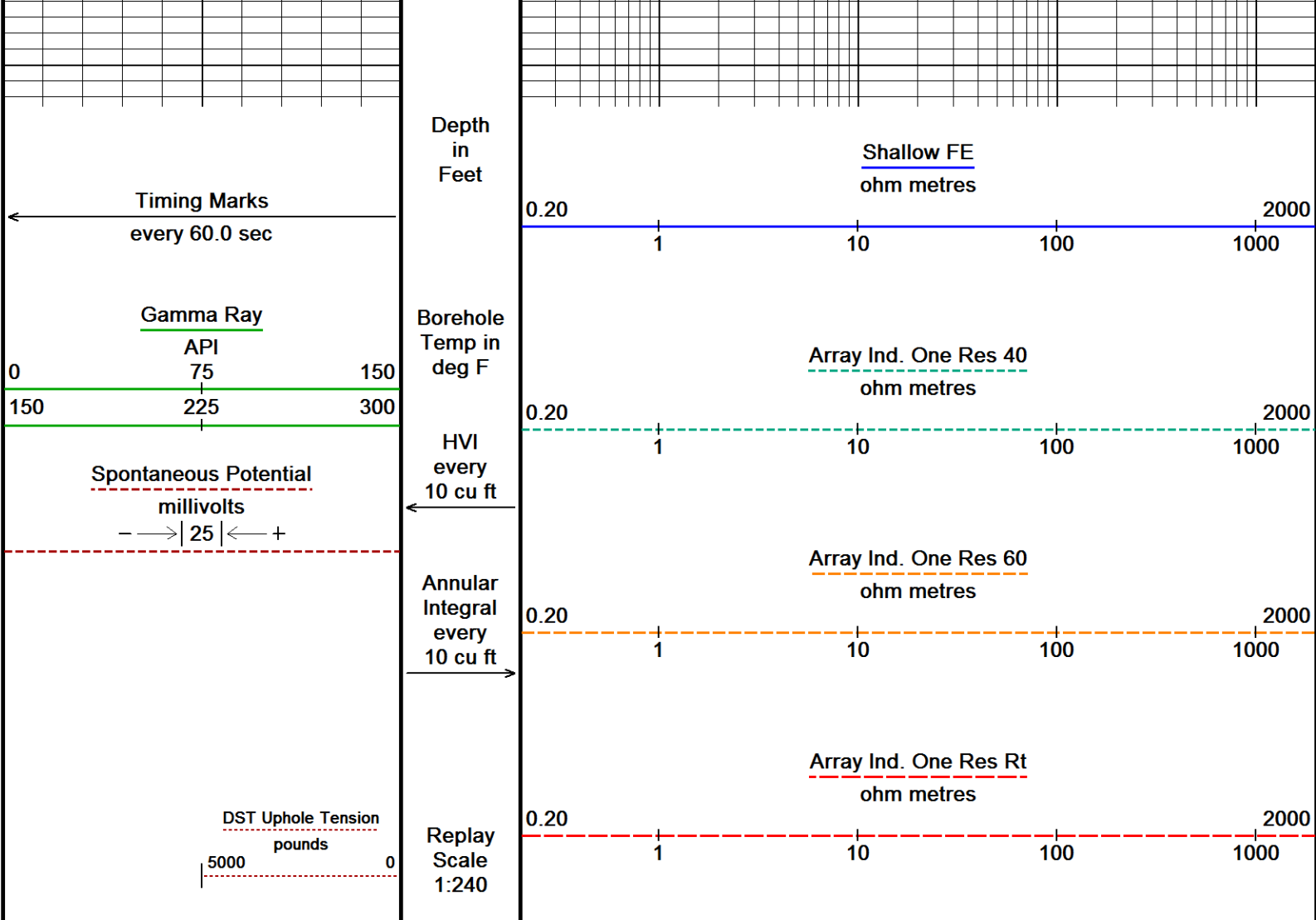
8050

172°

8100







Depth Based Data - Maximum Sampling Increment 10.0cm
 Filename: C:\Minimus 18.03.9344\Data\Murfin Moonraker #6-27\REPEAT PASS.dta
 System Versions: Logged with 18.03.9344 Plotted with 18.03.9344
 Plotted on 20-JAN-2019 14:06
 Recorded on 20-JAN-2019 02:40

↑ REPEAT SECTION ↑

BEFORE SURVEY CALIBRATION

C:\Minimus 18.03.9344\Data\Murfin Moonraker #6-27\TOOLSTRING.dta

General Constants All 000

Last Edited on 20-JAN-2019,06:53

General Parameters

Mud Resistivity	0.760	ohm-metres
Mud Resistivity Temperature	94.000	degrees F
Water Level	0.000	feet
Borehole Fluid Processing	Wet Hole	

Hole/Annular Volume and Differential Caliper Parameters

HVOL Method	Single Caliper	
HVOL Caliper 1	None	
HVOL Caliper 2	N/A	
Annular Volume Diameter	5.500	inches
Caliper for Differential Caliper	None	

Rwa Parameters

Porosity used	N/A
Resistivity used	N/A
RWA Constant A	N/A
RWA Constant M	N/A
SW/APOR Tool Source	0.000

	Measured	Calibrated(Deg F)
Lower	50.00	50.00
Upper	212.00	212.00

High Resolution Temperature Constants MCG-D.K 443

Last Edited on 12-OCT-2018,05:20

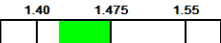
Pre-filter Length 11

Gamma Calibration MCG-D.K 443

Field Calibration on 18-JAN-2019 15:28

	Measured	Calibrated (API)
Background	192	135
Calibrator (Gross)	841	591
Calibrator (Net)	648	456

Gamma Calibration Tolerances MCG-D.K 443

Ratio 1.422  Counts/API

Gamma Constants MCG-D.K 443

Last Edited on 20-JAN-2019,00:40

Gamma Calibrator Number	MCGGRCC141	
GRC-M Calibrator Jig in Use?	NO	
Inactive Background Jig in Use?	NO	
Mud Density	1.13	gm/cc
Caliper Source for Processing	Density Caliper	
Tool Position	Eccentred	
Potassium Equivalence	Chloride	
K Mud Concentration	0.00	%

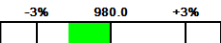
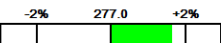
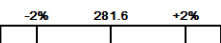
FE Calibration MFE-B.J 352

Base Calibration on 19-JAN-2019 15:43

Field Check on 19-JAN-2019 15:50

	Resistor 1 (ohm)	Resistor 2 (ohm)
	0.0	1000.0
Base Calibration		
	Measured	Calibrated (ohm-m)
Reference 1	0.0	0.0
Reference 2	962.9	126.8
Base Check		281.6
Field Check		281.6

FE Calibration Tolerances MFE-B.J 352

Reference 2	962.9		ohm
Base Check	281.6		ohm-m
Field Check	281.6		ohm-m

FE Constants MFE-B.J 352

Last Edited on 20-JAN-2019,00:45

Running Mode	No Sleeve	
MFE K Factor	0.1268	
Borehole Correction Constants		
Sonde Position	0.5	inches
Hole Size Source	Density Caliper	
Hole Size Constant Value	N/A	inches
Rm Source	Global Value: Temperature Corrected	
Temp. for Rm Corr.	MCG External Temperature	

Induction Calibration MAI-B.J 390

Factory Loop Calibration 07-JAN-2019 10:28

Field Check on 19-JAN-2019 15:38

Factory Loop Calibration

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

	Measured Signal (unitless)		Reference Conductivity (mmho/m)		Calibration	
Array	Low	High	Low	High	Gain	Offset
1 (near)	16.8	458.6	9.3	966.2	2.166	-27.2

2	6.3	377.7	7.6	821.4	2.191	-6.2
3	3.8	258.6	5.2	566.0	2.200	-3.0
4 (far)	1.9	132.3	2.6	279.2	2.121	-1.4

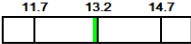
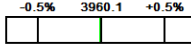
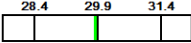
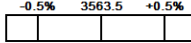
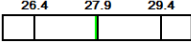
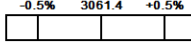
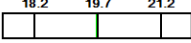
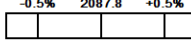
Array Temperature 77.9 Deg F

Tool Checks

Array	Factory Reference (mmho/m)		Before Survey (mmho/m)	
	Low	High	Low	High
1 (near)	13.2	3960.1	13.0	3959.2
2	29.9	3563.5	29.8	3563.3
3	27.9	3061.4	27.8	3061.3
4 (far)	19.7	2087.8	19.7	2088.0

Array Temperature 64.9 58.9 Deg F

Induction Check Tolerances MAI-B.J 390

Low Array 1	13.0		mmho/m	High Array 1	3959.2		mmho/m
Low Array 2	29.8		mmho/m	High Array 2	3563.3		mmho/m
Low Array 3	27.8		mmho/m	High Array 3	3061.3		mmho/m
Low Array 4	19.7		mmho/m	High Array 4	2088.0		mmho/m

Induction Constants MAI-B.J 390

Last Edited on 20-JAN-2019,00:47

Induction Model	RtAP-WBM		
Borehole Correction Constants	No		
Tool Centred	Density Caliper		
Hole Size Source	N/A		
Hole Size Constant Value	inches		
Stand-off Type	Fins		
Stand-off	0.50		
Number of Fins on Stand-off	8.0000		
Stand-off Fin Angle	45.00		
Stand-off Fin Width	0.5000		
Rm Source	Global Value: Temperature Corrected		
Temp. for Rm Corr.	MCG 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	100.00	percent	
Resistivity of Water for Apor and Sw	0.05	ohm-m	

Resistivity of Water for Apor and Sw	0.00	ohm-m
Source for Rt	0.00	
Source for Rxo	0.00	

Caliper Calibration MPD-C.A 216

Base Calibration on 18-JAN-2019 17:06
Field Calibration on 18-JAN-2019 17:08

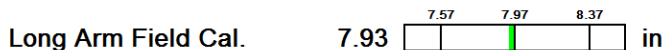
Base Calibration

Reading No	Measured	Calibrator Size (in)
1	16199	3.99
2	24624	5.98
3	33344	7.97
4	41632	9.86
5	50912	11.92
6	N/A	N/A

Field Calibration

Measured Caliper (in)	Actual Caliper (in)
7.93	7.97

Caliper Calibration Tolerances MPD-C.A 216



DOWNHOLE EQUIPMENT

C:\Minimus 18.03.9344\Data\Murfin Moonraker #6-27\TOOLSTRING.dta

Cablehead, 11 pin
CBH-CB 264 LG: 2.40 ft WT: 24.3 lb OD: 2.244 in

Compact Swivel Head Adaptor
SHA-J.B 595 LG: 2.30 ft WT: 22.0 lb OD: 2.244 in

Compact Comms Gamma
MCG-D.K 443 LG: 8.70 ft WT: 63.9 lb OD: 2.244 in

Compact Micro-Resistivity
MMR-B.A 91 LG: 8.59 ft WT: 81.6 lb OD: 4.882 in

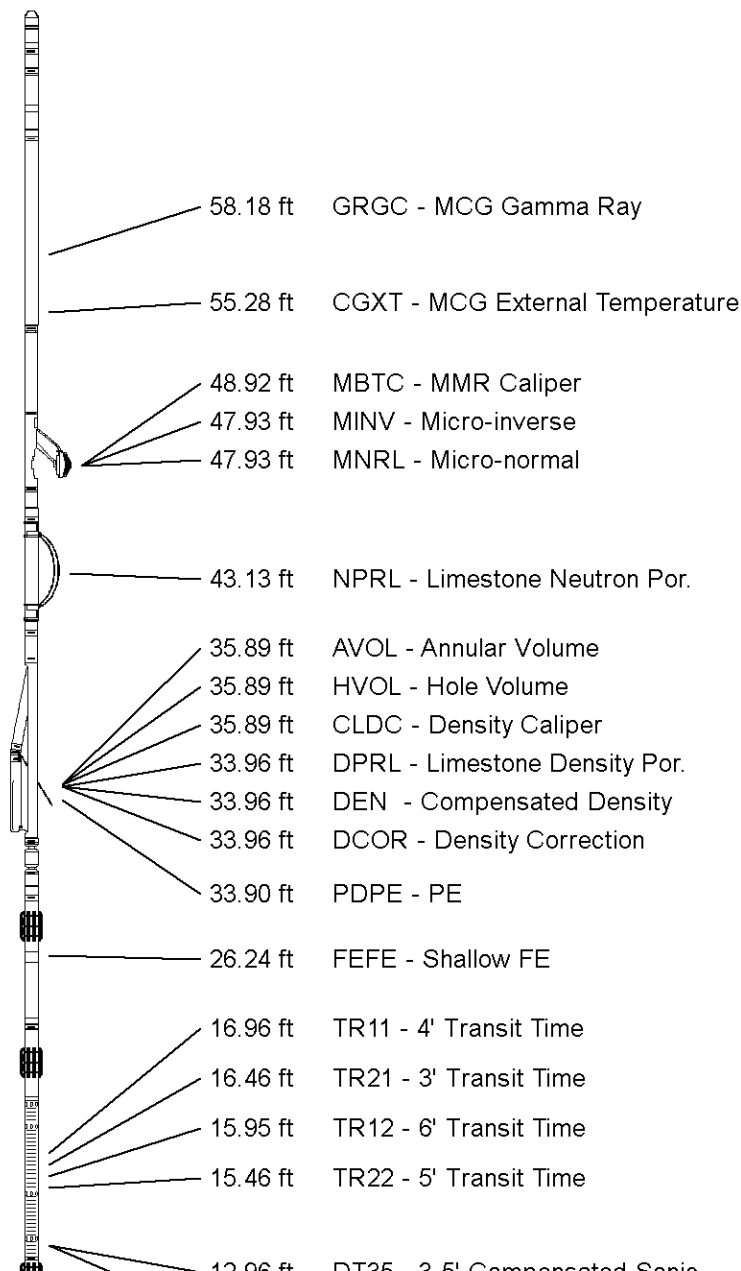
Compact Neutron
MDN-B.A 292 LG: 5.04 ft WT: 50.7 lb OD: 2.244 in

Compact Density/Caliper
MPD-C.A 216 LG: 9.59 ft WT: 90.4 lb OD: 2.913 in

Compact Knuckle Joint
SKJ-E.B 733 LG: 2.17 ft WT: 24.3 lb OD: 2.244 in

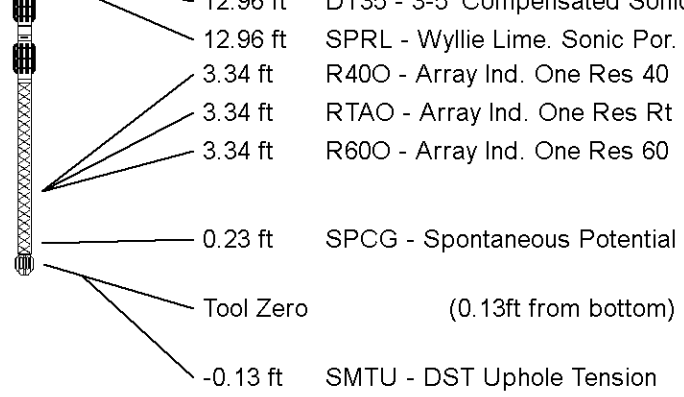
Compact Focussed Electric
MFE-B.J 352 LG: 6.05 ft WT: 48.5 lb OD: 2.244 in

Compact Sonic
MSS-C.K 319 LG: 12.52 ft WT: 72.8 lb OD: 2.244 in



Compact Induction
 MAI-B.J 390 LG: 10.81 ft WT: 48.5 lb OD: 2.244 in

Total Length: 68.16 ft Weight: 526.9 lb



All measurements relative to tool zero.

COMPANY MURFIN DRILLING COMPANY, INC.
 WELL MOONRAKER #6-27
 FIELD WILDCAT
 PROVINCE/COUNTY LINCOLN
 COUNTRY/STATE U.S.A. / COLORADO

Elevation Kelly Bushing	5475	feet	First Reading		feet
Elevation Drill Floor	5473	feet	Depth Driller	8300.00	feet
Elevation Ground Level	5462	feet	Depth Logger	8303.00	feet

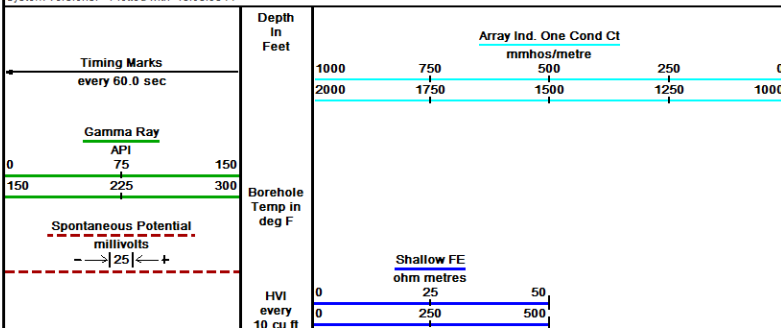


ARRAY INDUCTION
 SHALLOW FOCUSED
 ELECTRIC LOG

Weatherford[®]

		ARRAY INDUCTION SHALLOW FOCUSED ELECTRIC LOG	
COMPANY	MURFIN DRILLING COMPANY, INC.	WELL	MOONRAKER #6-27
FIELD	WILDCAT	PROVINCE/COUNTY	LINCOLN
COUNTRY/STATE	U.S.A. / COLORADO	LOCATION	2300' FWL & 1500' FWL
LOG TYPE	10S	LOG TYPE	10S
LOG NUMBER	06-20-2491371	LOG NUMBER	06-20-2491371
LOG DATE	20-JAN-2019	LOG DATE	20-JAN-2019
LOG TIME	17:05:23	LOG TIME	17:05:23
LOG OPERATOR	ONE	LOG OPERATOR	ONE
LOG SERVICE	17875-235128055	LOG SERVICE	17875-235128055
LOG DRILLER	8300.00	LOG DRILLER	8300.00
LOG LOGGER	8303.00	LOG LOGGER	8303.00
LOG FIRST READING		LOG FIRST READING	
LOG LAST READING		LOG LAST READING	
LOG CASING DIAMETER	4.625	LOG CASING DIAMETER	4.625
LOG CASING LOGGER	443.00	LOG CASING LOGGER	443.00
LOG BIT SIZE	7.875	LOG BIT SIZE	7.875
LOG HOLE FLUID TYPE	CHEMICAL	LOG HOLE FLUID TYPE	CHEMICAL
LOG DENSITY/VISCOSITY	9.40 lb/ft ³ / 0.00 sec/stk	LOG DENSITY/VISCOSITY	9.40 lb/ft ³ / 0.00 sec/stk
LOG PH/FLOW LOSS	10.50 / 8.00	LOG PH/FLOW LOSS	10.50 / 8.00
LOG SAMPLE SOURCE	FLUO/LINE	LOG SAMPLE SOURCE	FLUO/LINE
LOG RMT @ MEASURED TEMP	0.76 @ 94.0	LOG RMT @ MEASURED TEMP	0.76 @ 94.0
LOG RMT @ MEASURED TEMP	0.57 @ 94.0	LOG RMT @ MEASURED TEMP	0.57 @ 94.0
LOG RMT @ MEASURED TEMP	0.91 @ 94.0	LOG RMT @ MEASURED TEMP	0.91 @ 94.0
LOG SOURCE RMT / RMT	CALC	LOG SOURCE RMT / RMT	CALC
LOG RMT @ BHT	0.40 @ 179.0	LOG RMT @ BHT	0.40 @ 179.0
LOG TIME SINCE CIRCULATION	5 HOURS	LOG TIME SINCE CIRCULATION	5 HOURS
LOG MAX RECORDED TEMP	179.00	LOG MAX RECORDED TEMP	179.00
LOG EQUIPMENT / BASE	13096	LOG EQUIPMENT / BASE	13096
LOG RECORDED BY	BAIJUANG BINOSUN	LOG RECORDED BY	BAIJUANG BINOSUN
LOG INTERFERED BY	GREGG SMITH	LOG INTERFERED BY	GREGG SMITH
LOG ELEVATION	5475.00	LOG ELEVATION	5475.00
LOG DEPTH	5473.00	LOG DEPTH	5473.00
LOG GROUND LEVEL	5462.00	LOG GROUND LEVEL	5462.00

1 INCH MAIN
 Depth Based Data - Maximum Sampling Increment 10.0cm
 Plotted on 20-JAN-2019 14:06
 Filename: C:\Minimus 18.03.9344\Data\Murfin Moonraker #6-27\MERGED MAIN PASS final.dta
 Recorded on 20-JAN-2019 03:03
 System Versions: Plotted with 18.03.9344



Annular
Integral
every
10 cu ft

Array Ind. One Res Rt
ohm metres
0 25 50
0 250 500

DST Uphole Tension
pounds
5000 0

Replay
Scale
1:600

C-430_{lg}
Shoe

500

100'

600

102'

700

105'

800

108'

900

108'

1000

109'

1100

110'

1200

112'

1300

Array Ind. One Res Rt

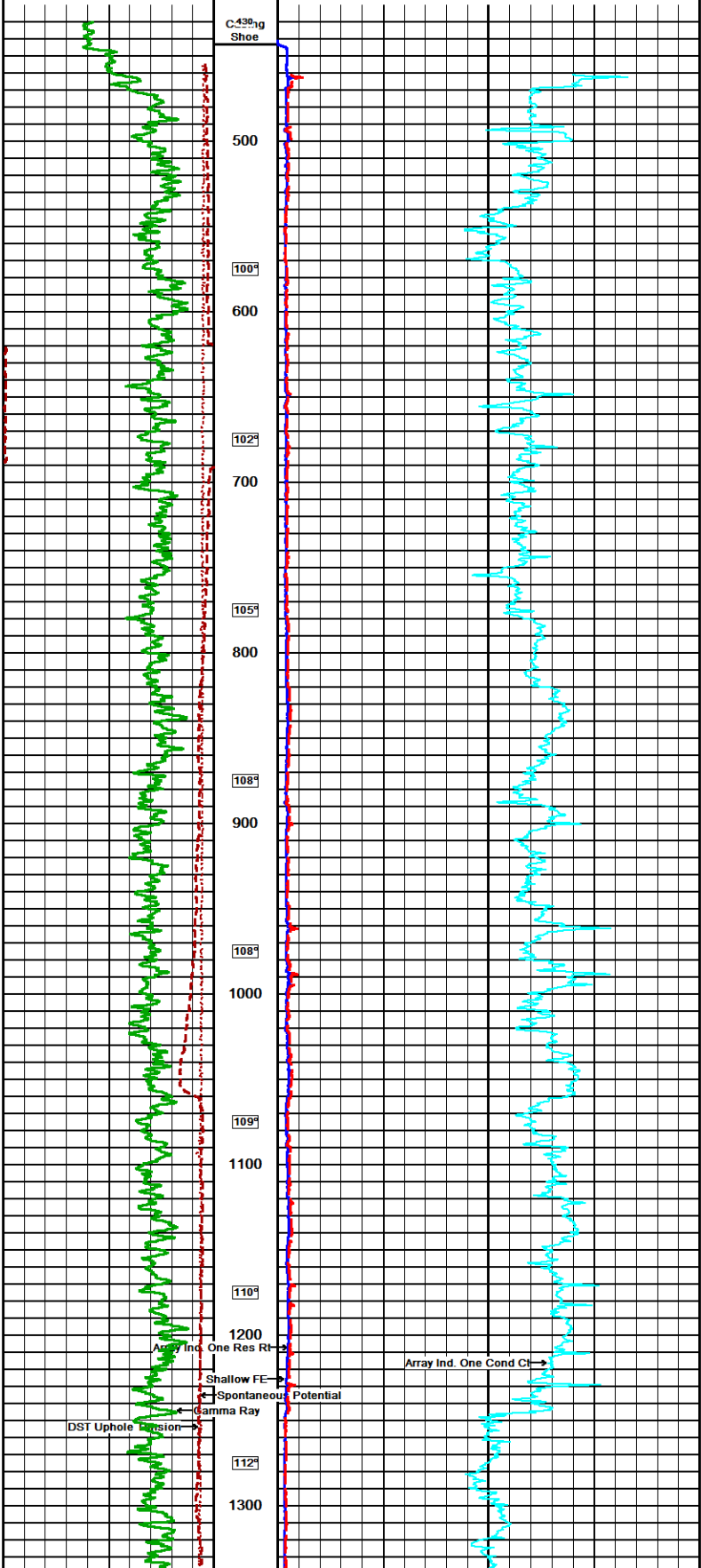
Array Ind. One Cond Ct

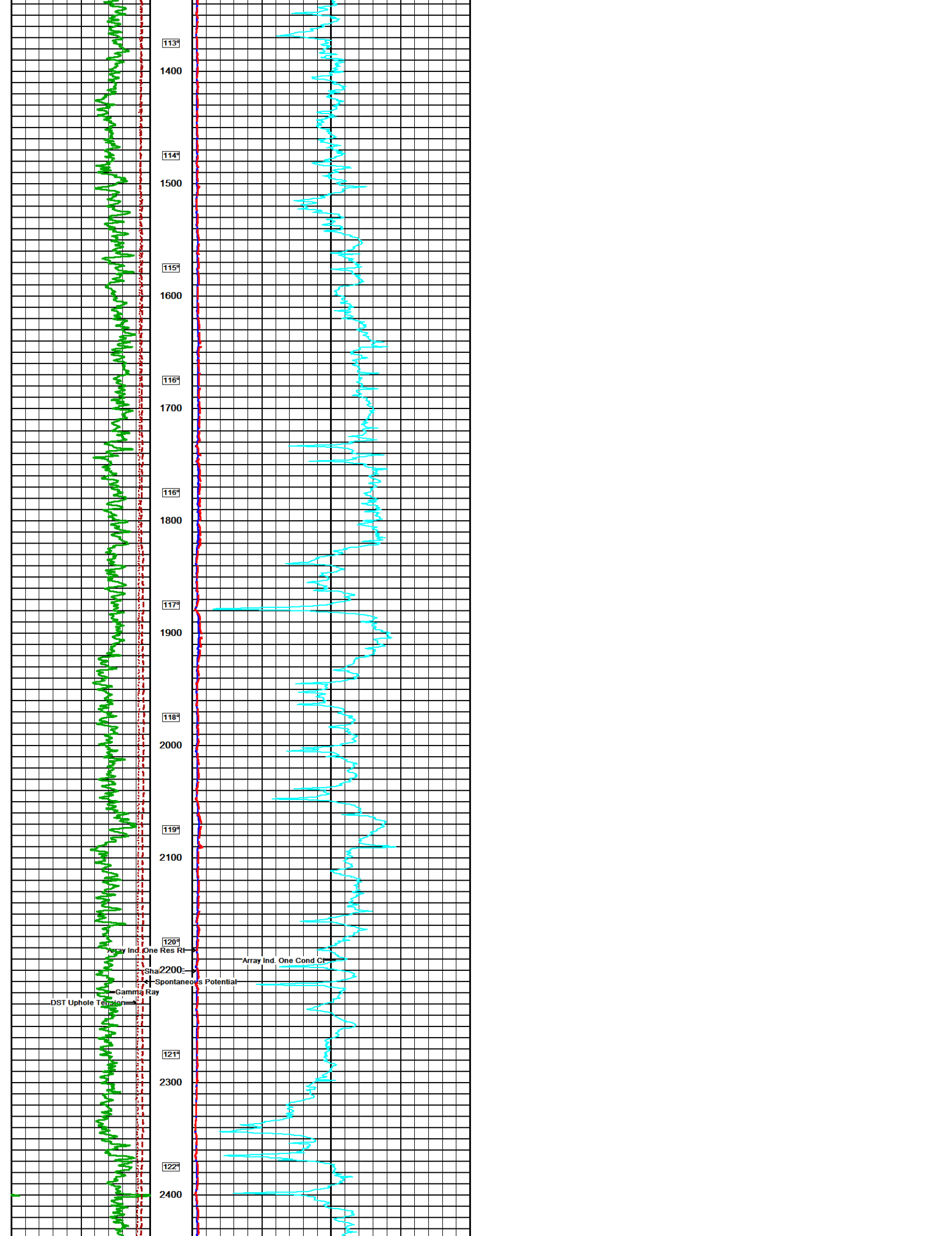
Shallow FE

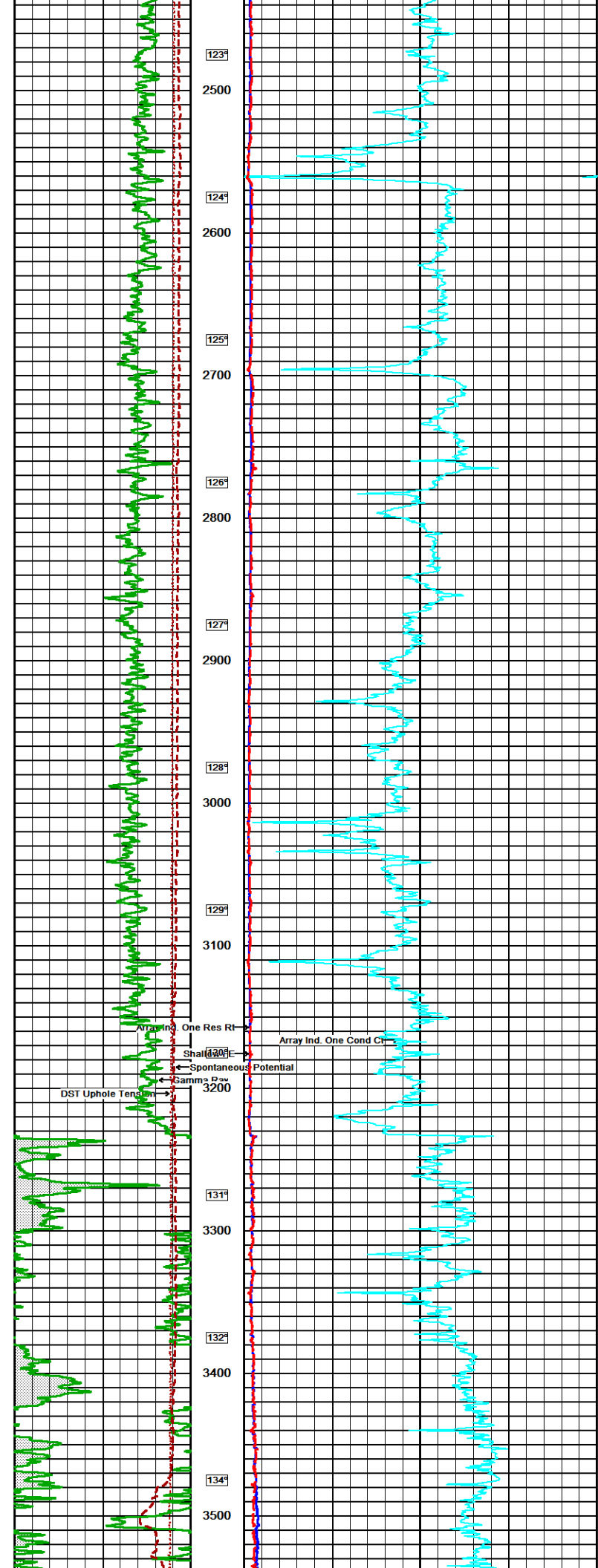
Spontaneous Potential

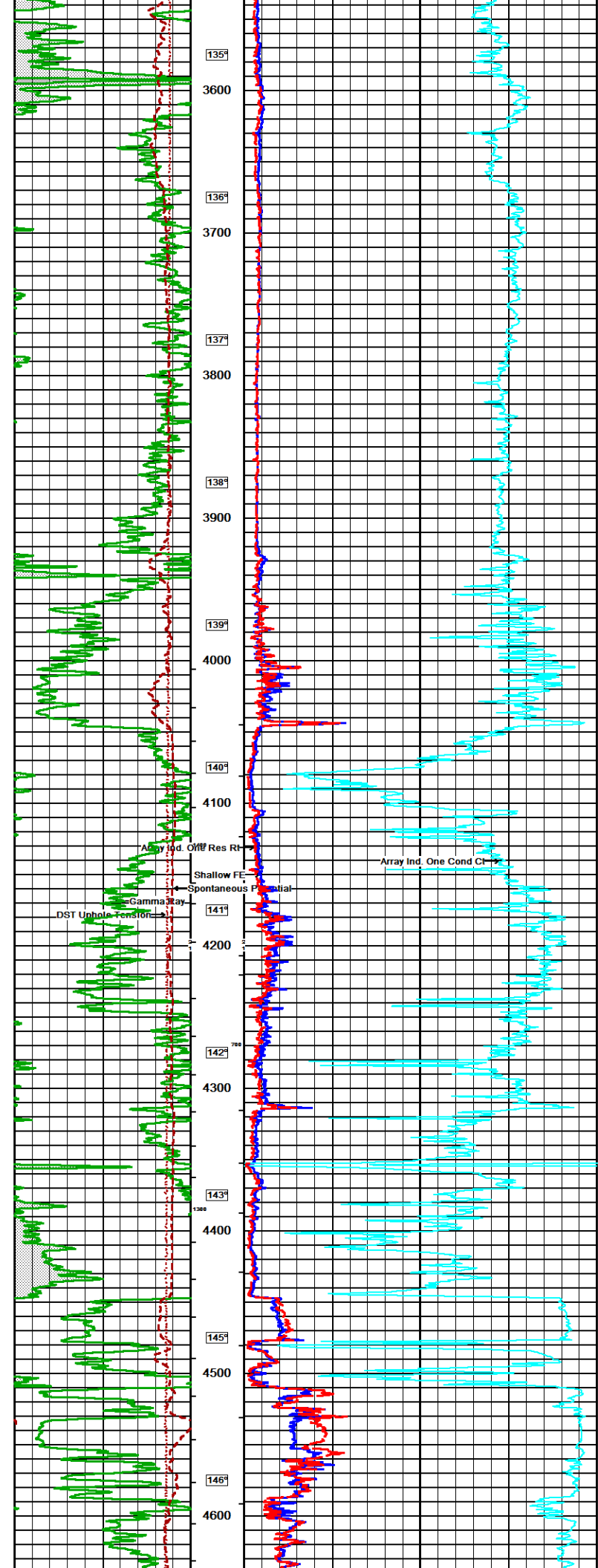
Gamma Ray

DST Uphole Tension









Array Ind. Off Res Rt

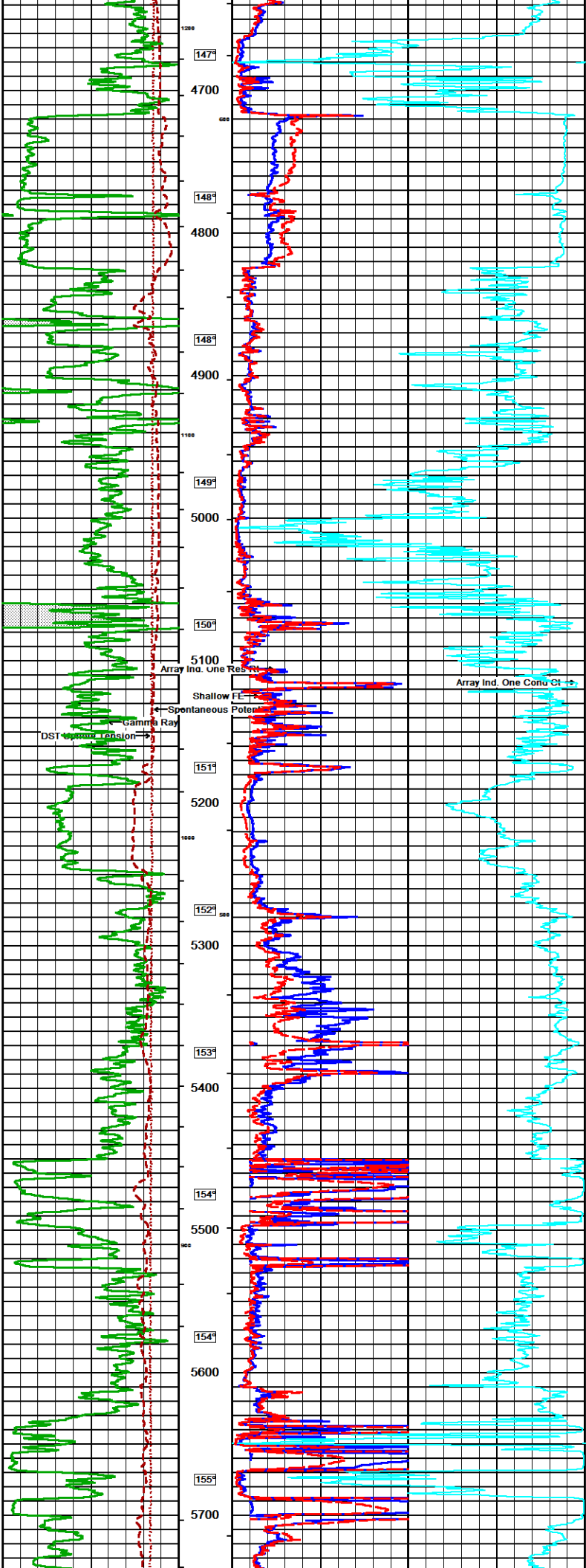
Shallow FE

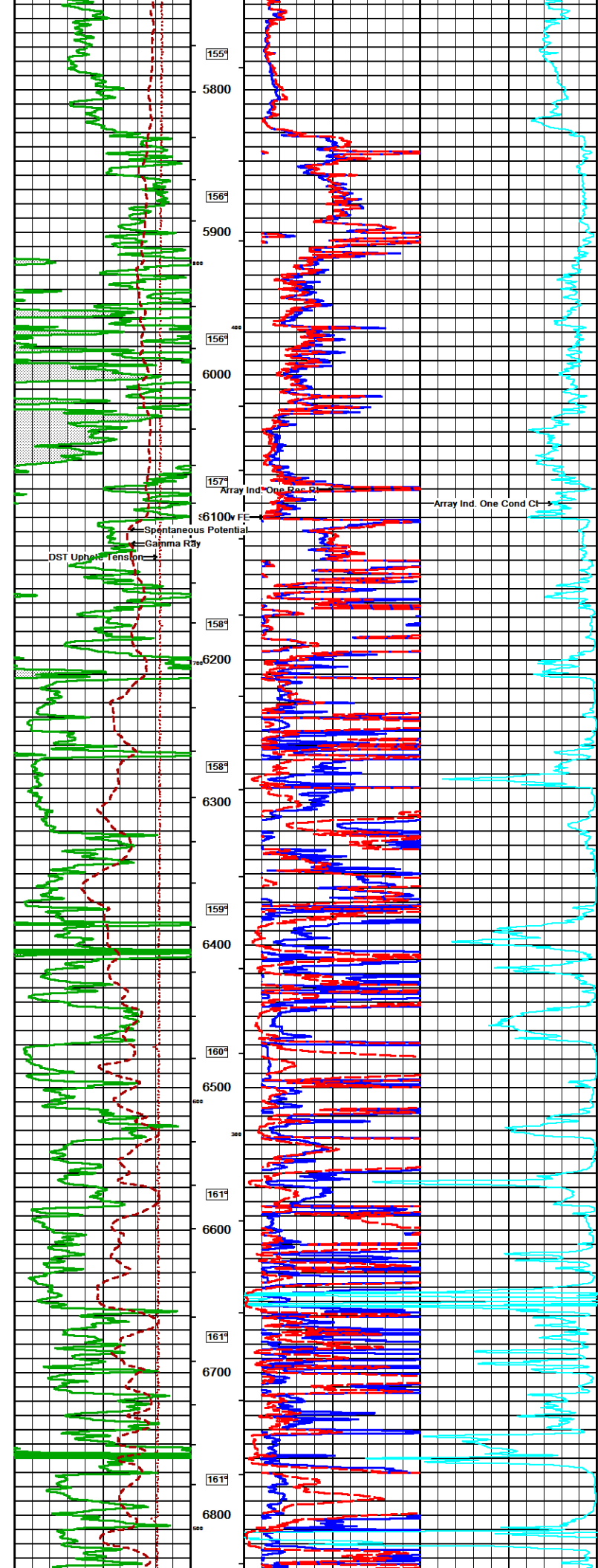
Spontaneous Potential

Gamma Ray

DST Uphole Penetration

Array Ind. One Cond CT





155°

5800

156°

5900

156°

6000

157°

6100

158°

6200

158°

6300

159°

6400

160°

6500

161°

6600

161°

6700

161°

6800

Array Ind. One Cond CT

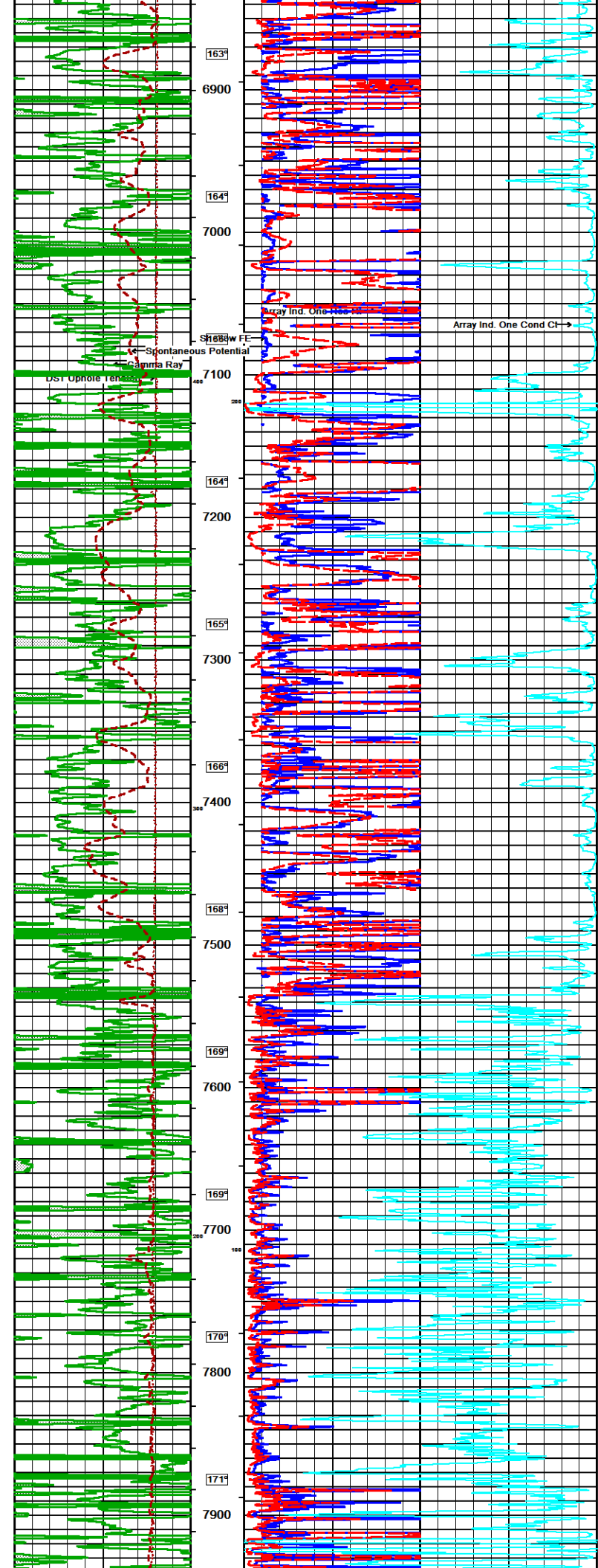
6100v FE

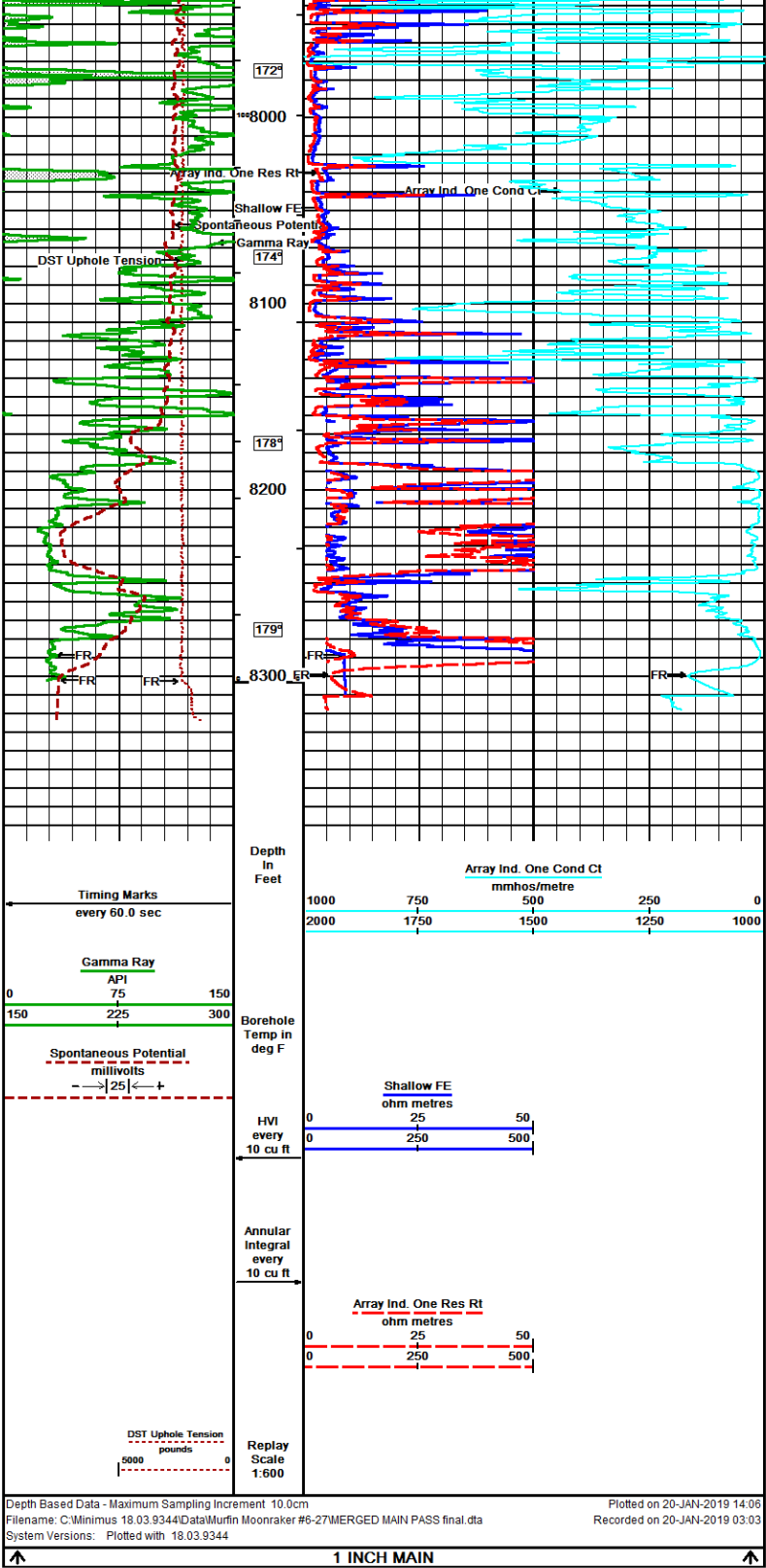
Spontaneous Potential

Gamma Ray

Array Ind. One Cond CT

DST Uphole Tension






Depth Based Data - Maximum Sampling Increment: 10.0cm
 Plotted on 20-JAN-2019 14:06
 Filename: C:\Minimus 18.03.9344\Data\Murfin Moonraker #6-27\MERGED MAIN PASS final.dta
 Recorded on 20-JAN-2019 03:03
 System Versions: Plotted with 18.03.9344

COMPANY MURFIN DRILLING COMPANY, INC.
 WELL MOONRAKER #6-27
 FIELD WILDCAT
 PROVINCE/COUNTY LINCOLN
 COUNTRY/STATE U.S.A. / COLORADO

Elevation Kelly Bushing	5475	feet	First Reading		feet
Elevation Drill Floor	5473	feet	Depth Driller	8300.00	feet
Elevation Ground Level	5462	feet	Depth Logger	8303.00	feet



ARRAY INDUCTION
 SHALLOW FOCUSED
 ELECTRIC LOG

