



Weatherford

**ARRAY INDUCTION
NEUTRON/DENSITY
COMPOSITE LOG**

COMPANY			SUENMAUR EXPLORATION & PRODUCTION, LLC		
WELL			SHAWN SPESSEY TRUST #1-26		
FIELD			REJUVENATION		
PROVINCE/COUNTY			SHERIDAN		
COUNTRY/STATE			U.S.A. / KANSAS		
LOCATION			578' FSL & 1837' FWL		
SEC 26	TWP 6S	RGE 28W	Other Services		
Latitude		15-179-21419			
Longitude					
API Number					
Permanent Datum GL, Elevation 2730 feet			Elevations:		
Log Measured From KB			KB 2735.00		
Drilling Measured From KB @ 5 FEET			DF 2733.00		
			GL 2730.00		
Date	21-AUG-2016				
Run Number	ONE				
Service Order	4558-158933676				
Depth Driller	4200.00	feet			
Depth Logger	4202.00	feet			
First Reading	4199.00	feet			
Last Reading	346.00	feet			
Casing Driller	345.00	feet			
Casing Logger	346.00	feet			
Bit Size	7.875	inches			
Hole Fluid Type	CHEMICAL				
Density / Viscosity	9.20 lb/Usg	56.00 CP			
PH / Fluid Loss	10.50	6.40 ml/30Min			
Sample Source	FLOWLINE				
Rm @ Measured Temp	0.90 @ 75.0	ohm-m			
Rmf @ Measured Temp	0.72 @ 75.0	ohm-m			
Rmc @ Measured Temp	1.08 @ 75.0	ohm-m			
Source Rmf / Rmc	CALC	CALC			
Rm @ BHT	0.59 @114.0	ohm-m			
Time Since Circulation	4 HOURS				
Max Recorded Temp	114.00	deg F			
Equipment / Base	13096	OKC			
Recorded By	ADAM SILL				
Witnessed By	ROBERT PETERSEN				

BOREHOLE RECORD					Last Edited: 21-AUG-2016 08:52
Bit Size inches		Depth From feet		Depth To feet	
7.875		345.00		4200.00	
CASING RECORD					
Type	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft	
SURFACE	8.625	0.00	345.00	24.00	

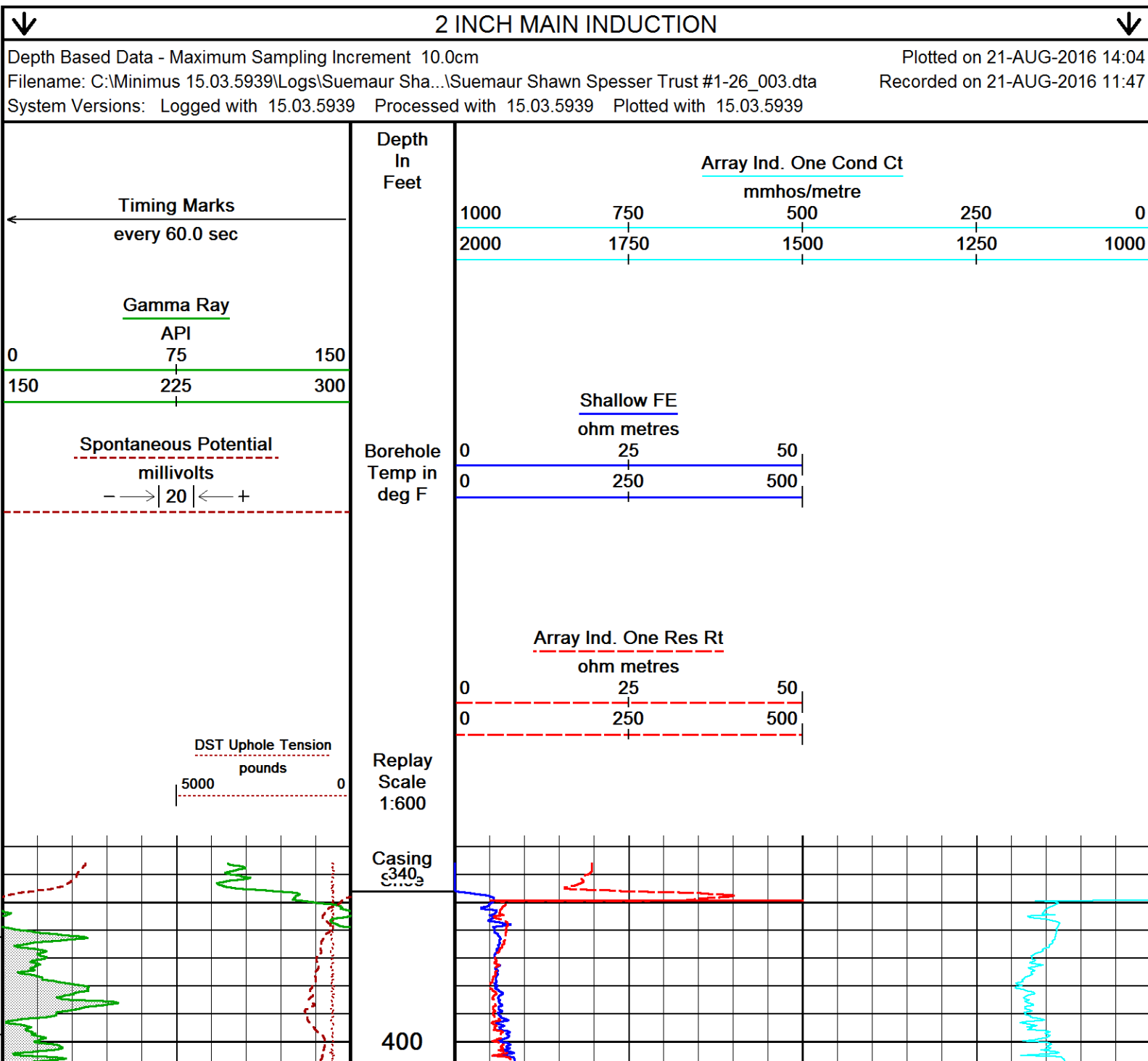
REMARKS
- SOFTWARE ISSUE: WLS 15.03.5939.
- RUN ONE: MCG, MML, MDN, MPD, MFE, MSS, MAI RUN IN COMBINATION. - HARDWARE: DUAL BOWSPRING USED ON MDN. 0.5 INCH STANDOFF USED ON MFE. TWO 0.5 INCH STANDOFFS USED ON MSS. 0.5 INCH STANDOFF USED ON MAI.
- 2.71 G/CC LIMESTONE DENSITY MATRIX USED TO CALCULATE POROSITY.
- BOREHOLE RUGOSITY, TIGHT PULLS, AND WASHOUTS WILL AFFECT DATA QUALITY.
- ALL INTERVALS LOGGED AND SCALED PER CUSTOMER'S REQUEST.
- TOTAL HOLE VOLUME FROM TD TO SURFACE CASING: 1492 CU.FT.
- ANNULAR HOLE VOLUME WITH 5.5 INCH PRODUCTION CASING FROM TD TO SURFACE CASING: 760 CU.FT.

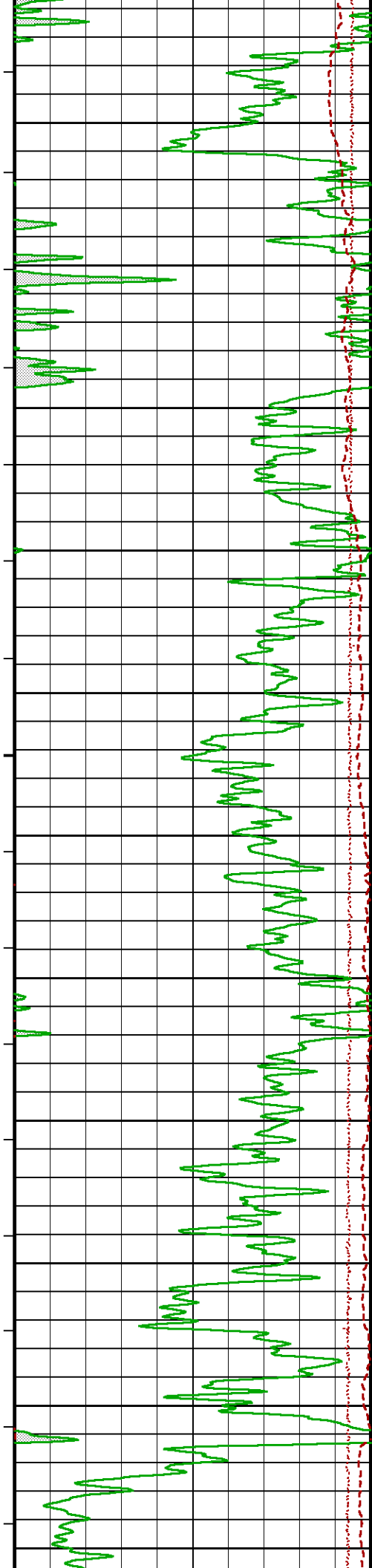
- RIG: MURFIN #7.

- ENGINEER: A. SILL.

- OPERATOR: J. LaPOINT.

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.





91°

500

92°

600

93°

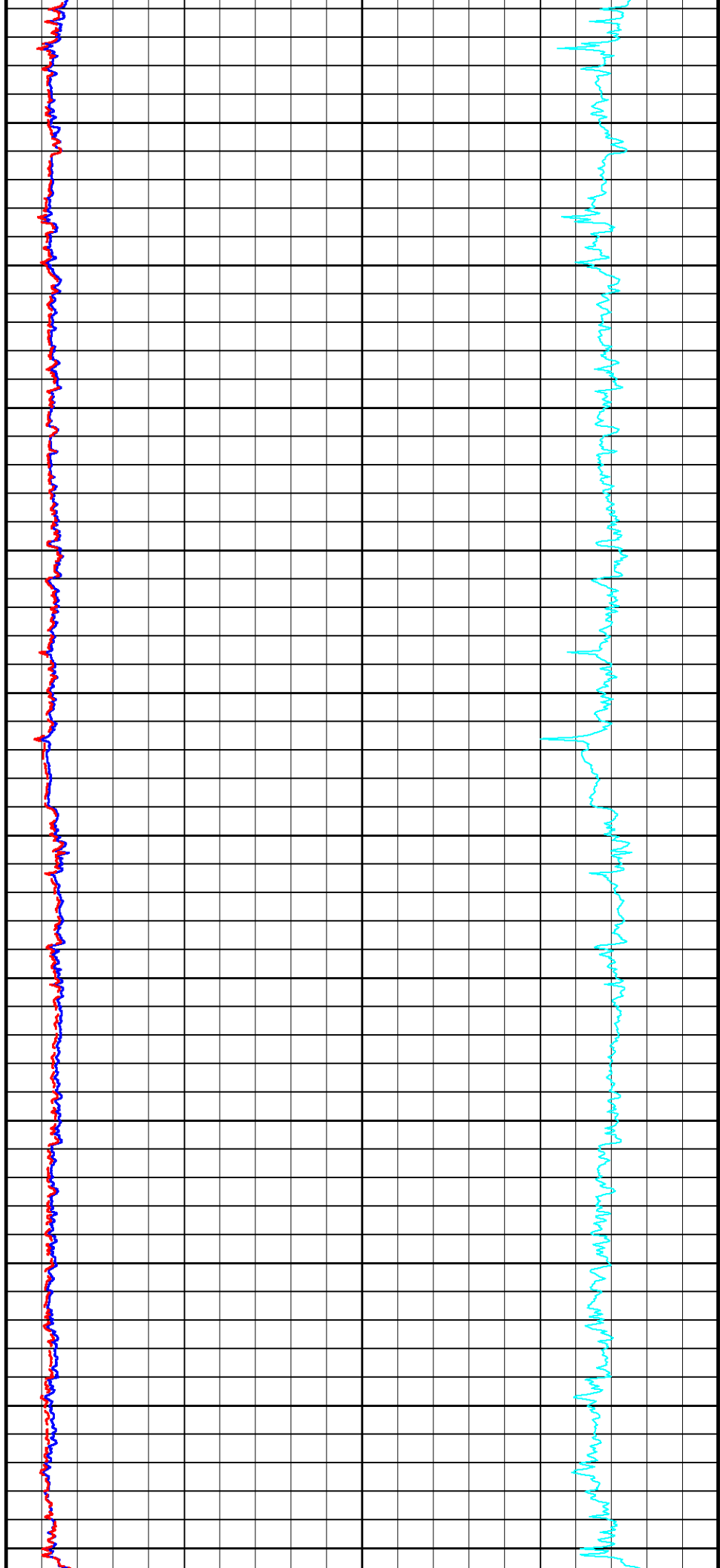
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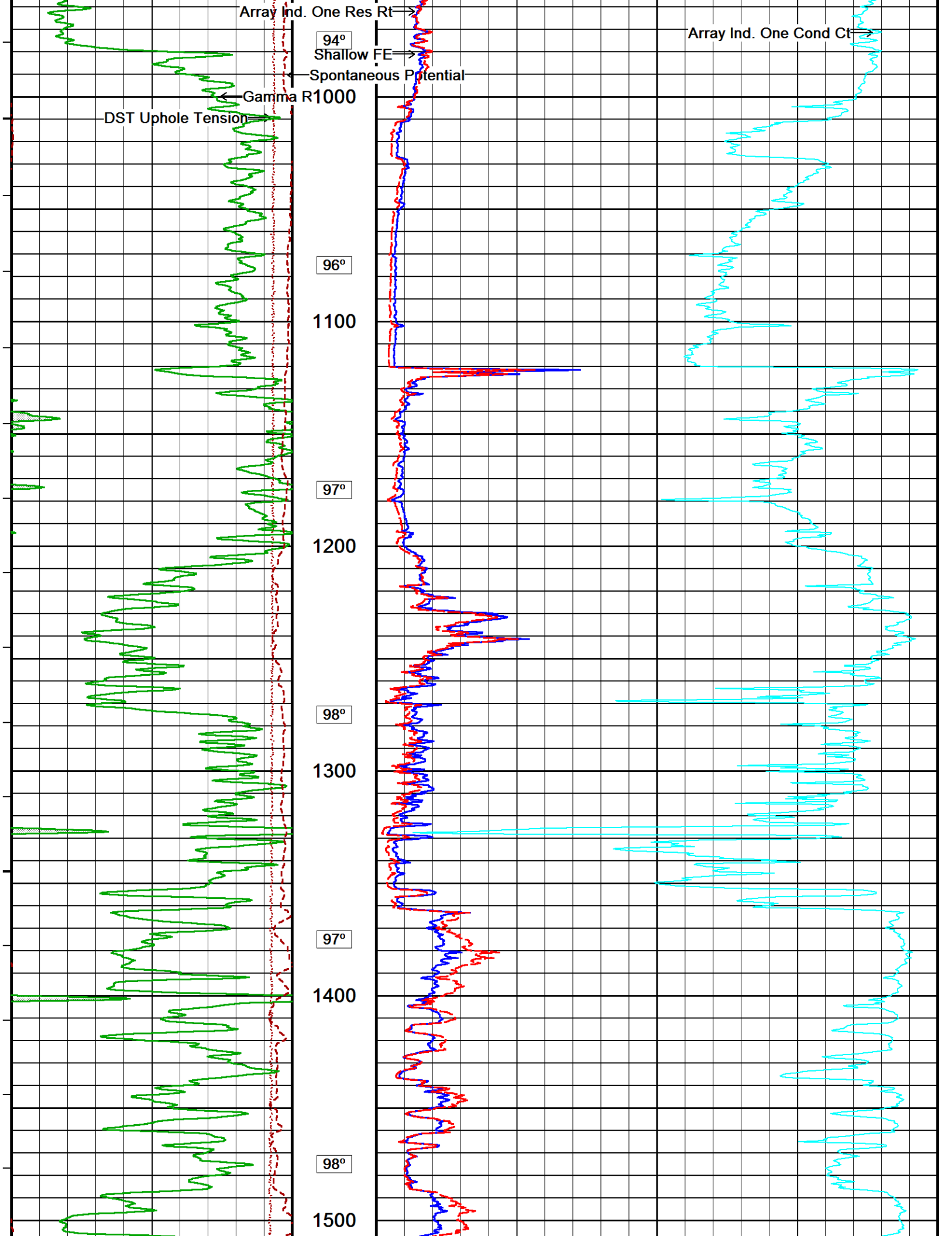
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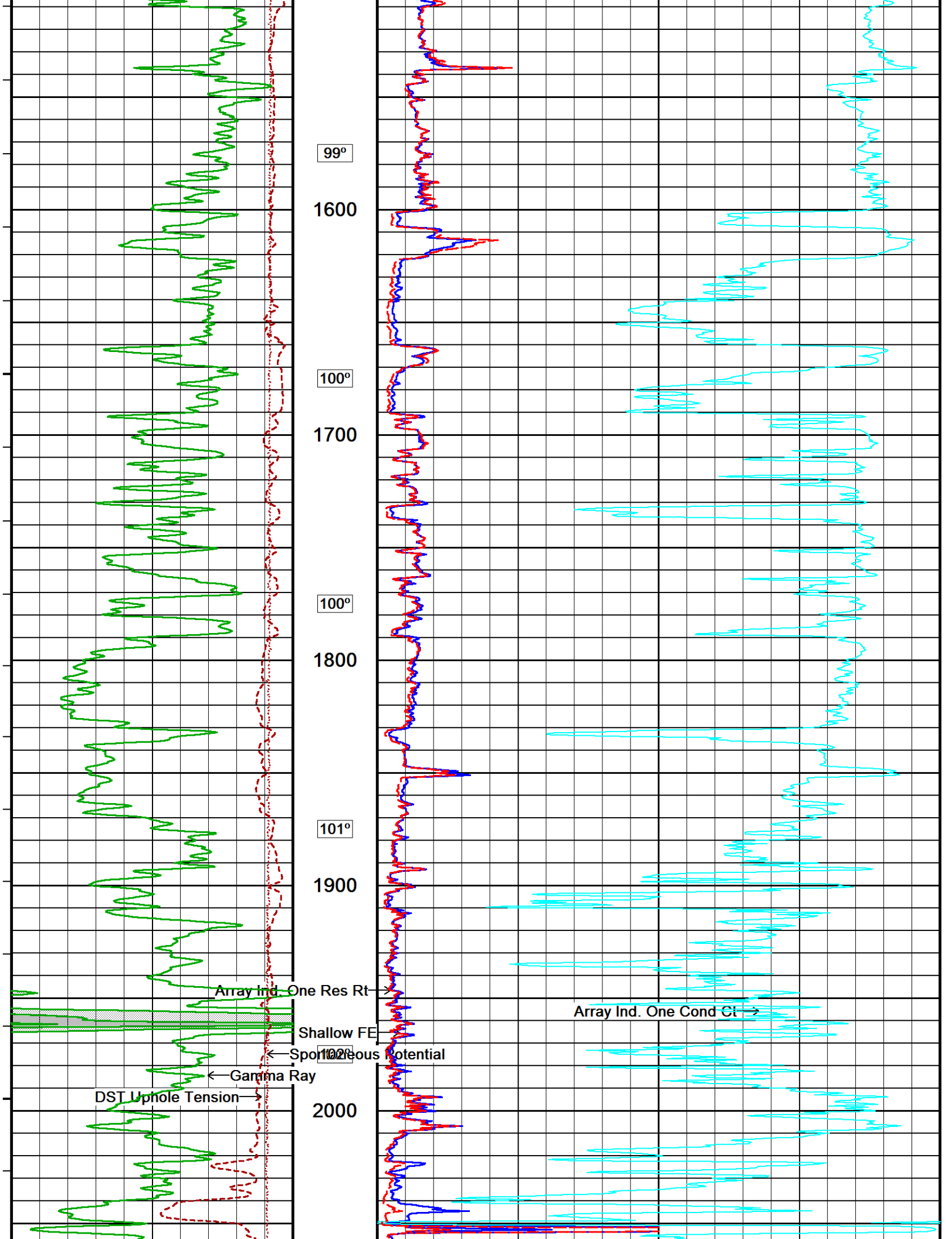
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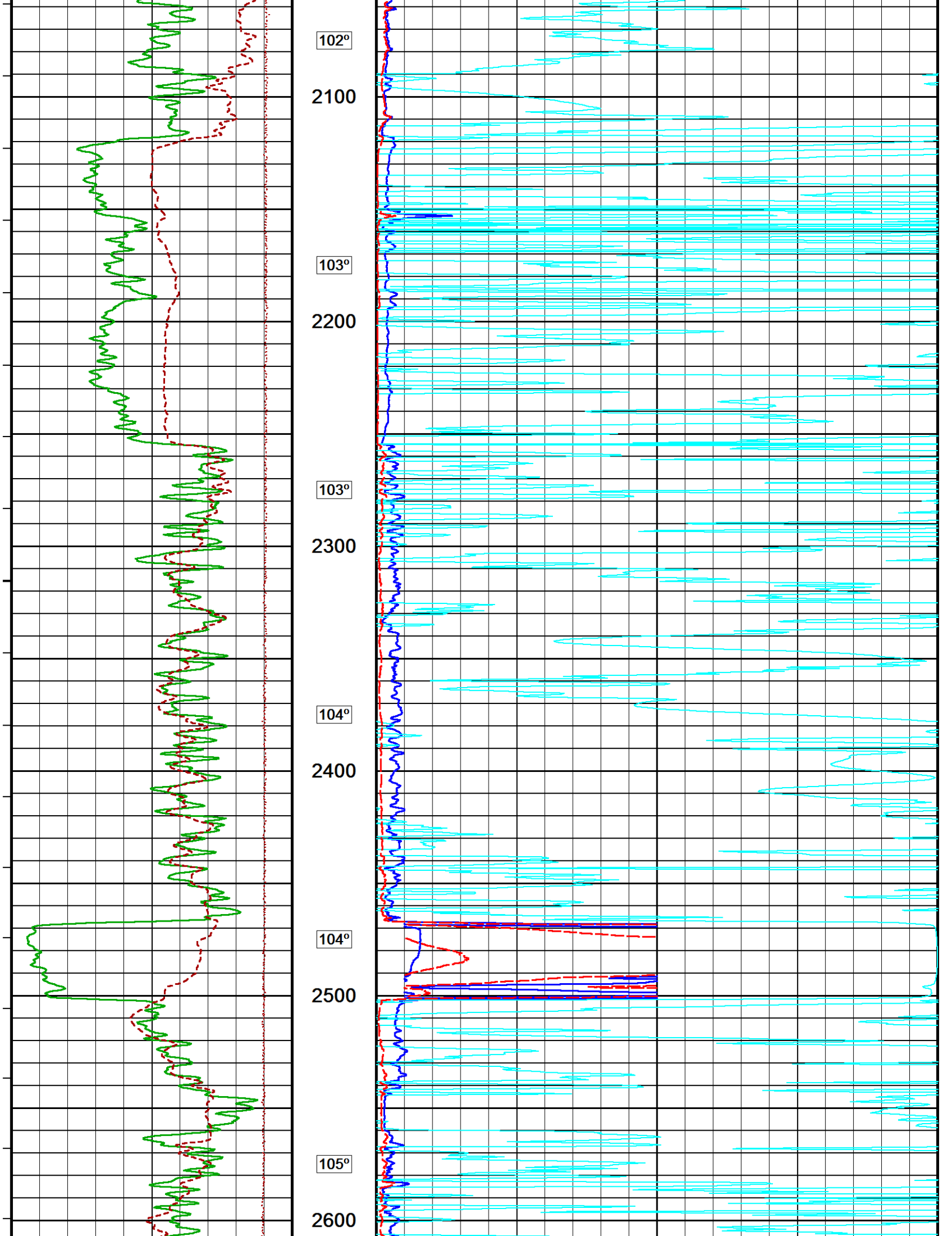
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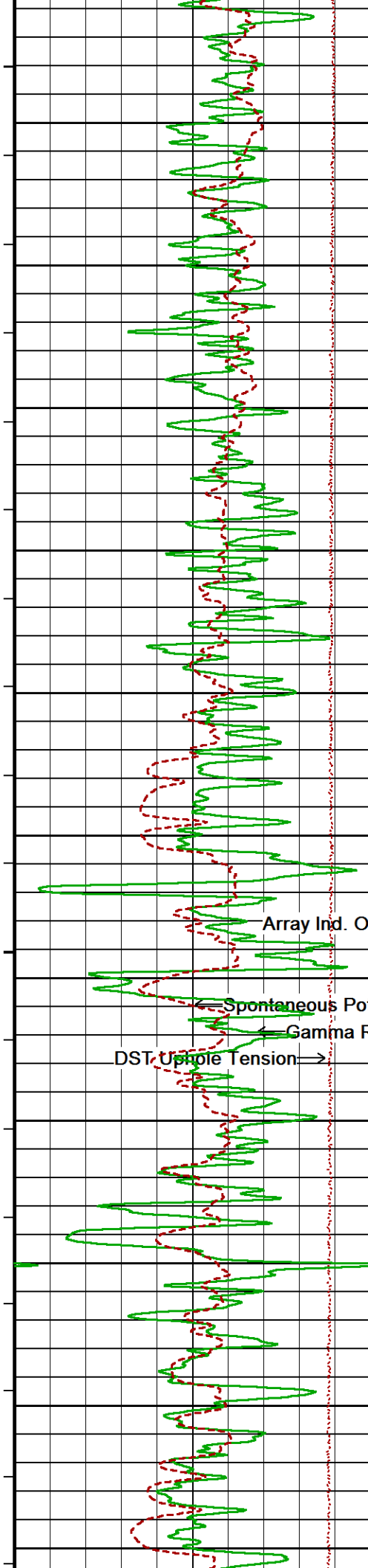
900











105°

2700

106°

2800

106°

2900

Array Ind. One Res Rt

Array Ind. One Cond Ct

Spontaneous Potential

Gamma Ray

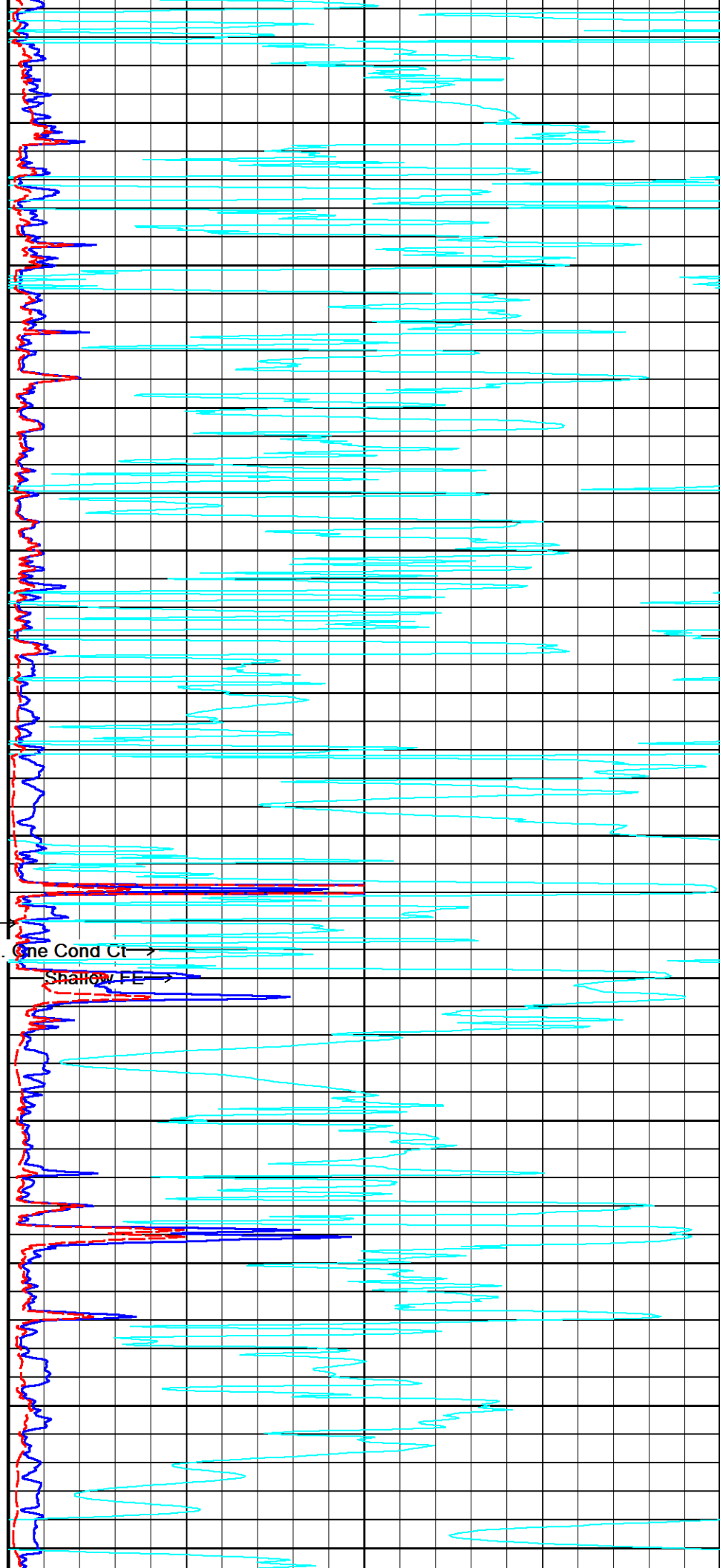
DST/Upole Tension

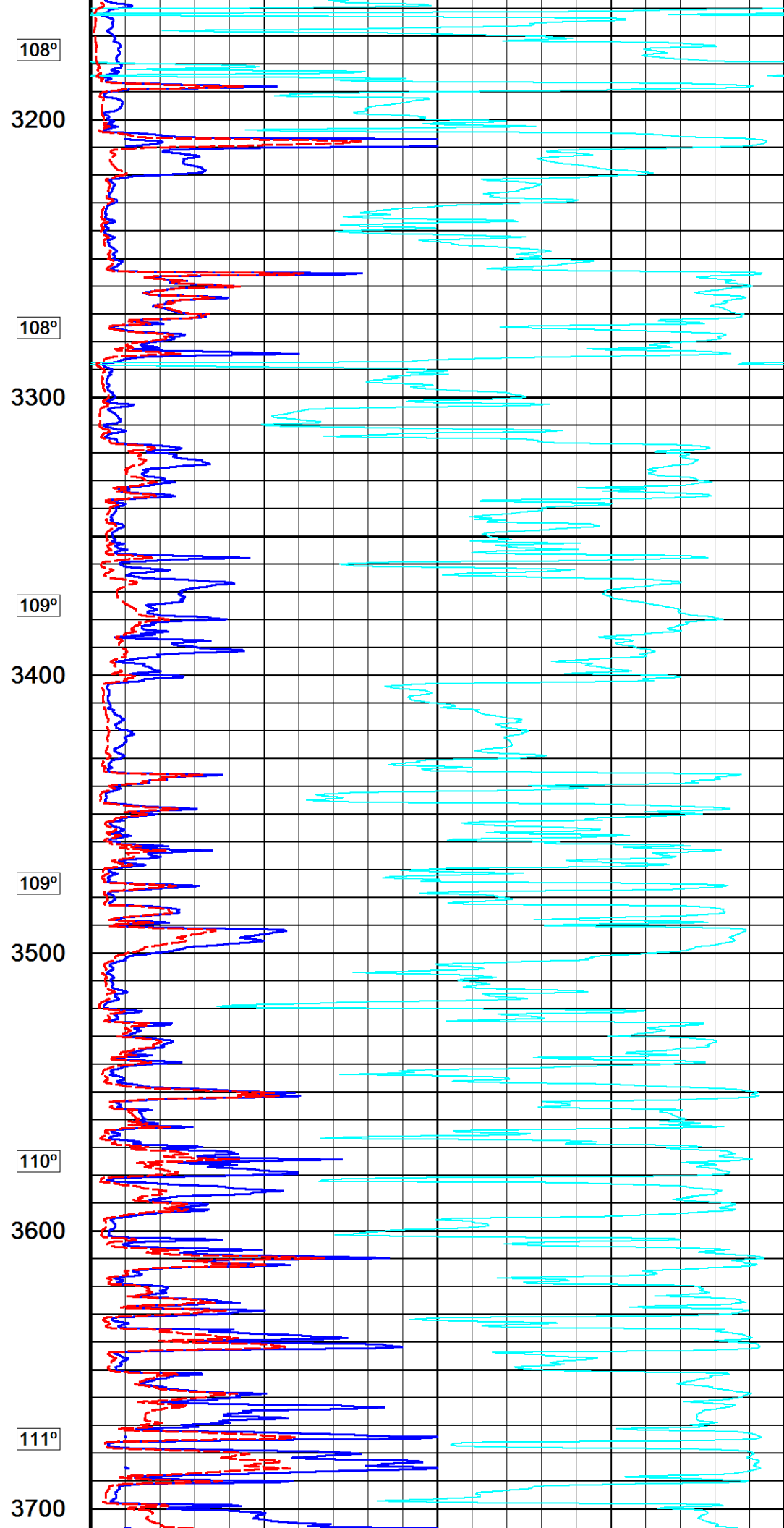
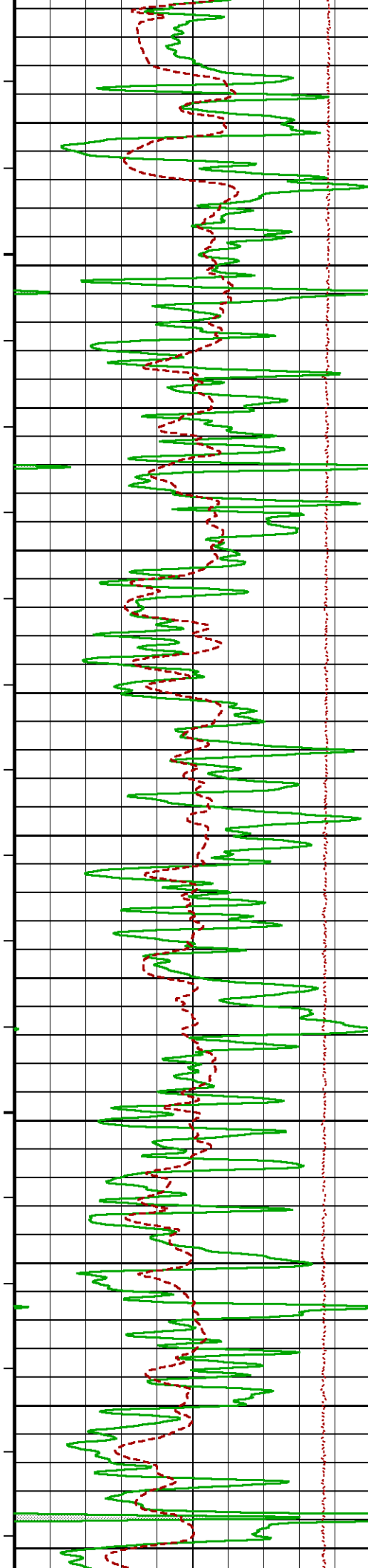
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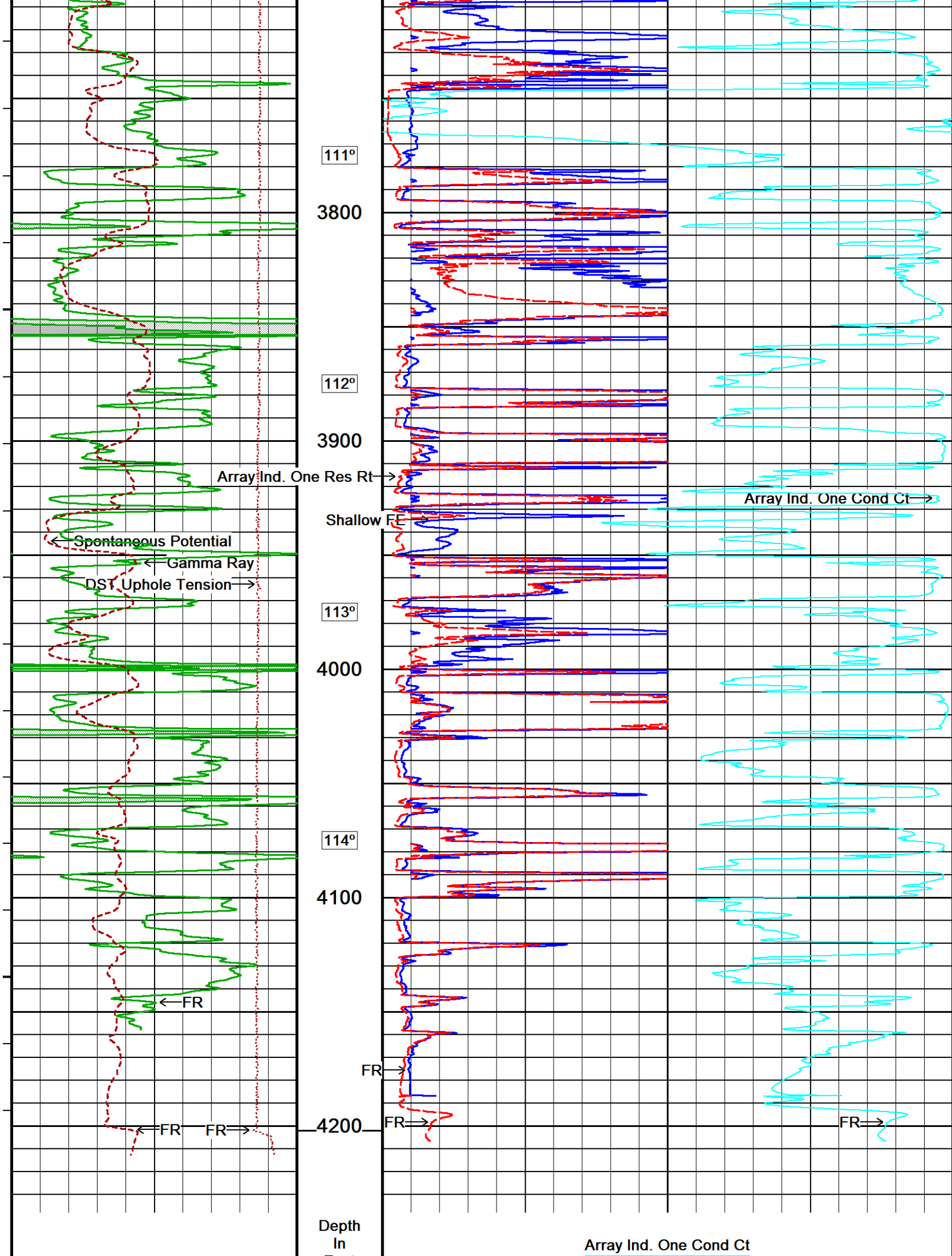
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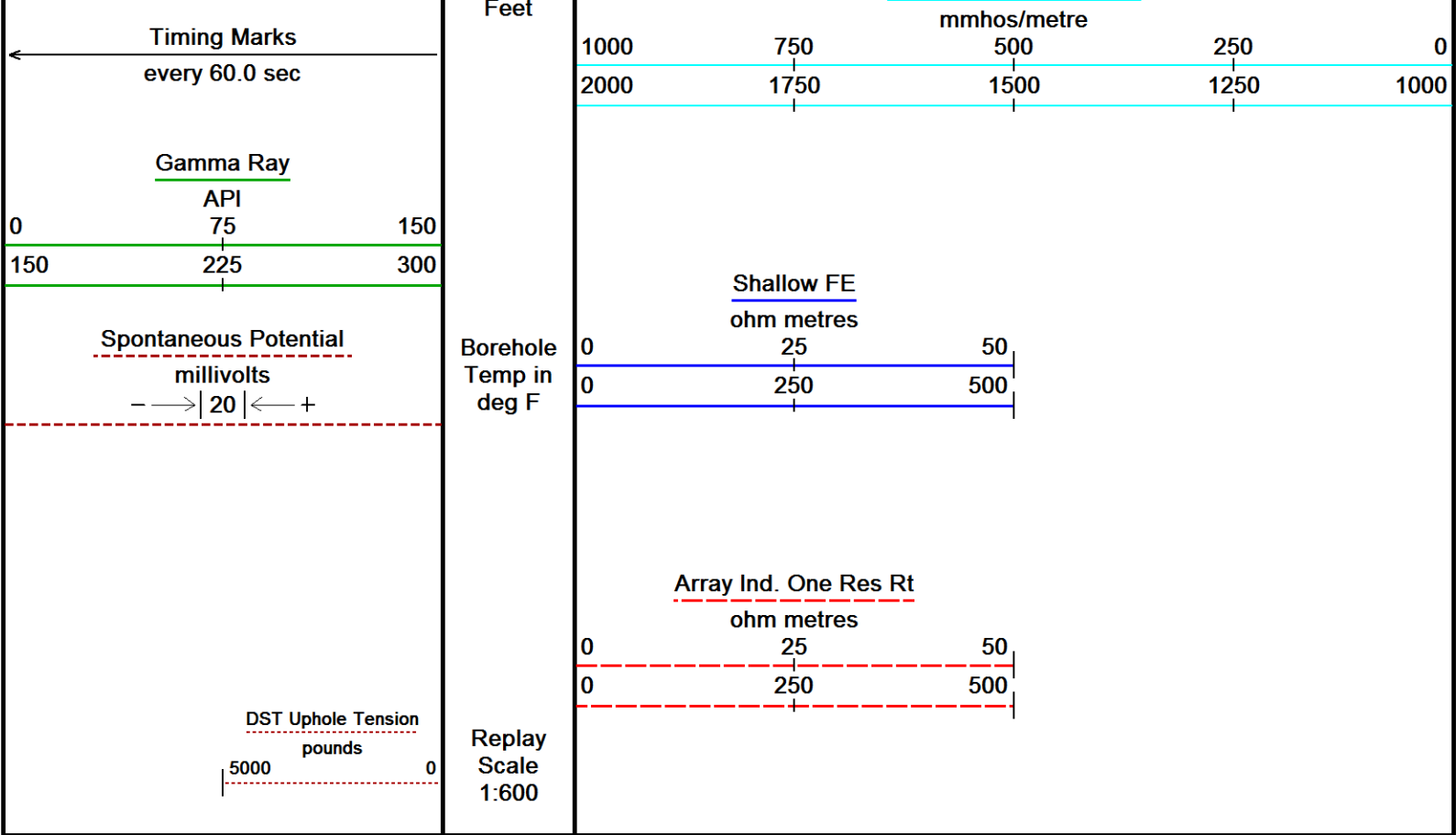
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3100







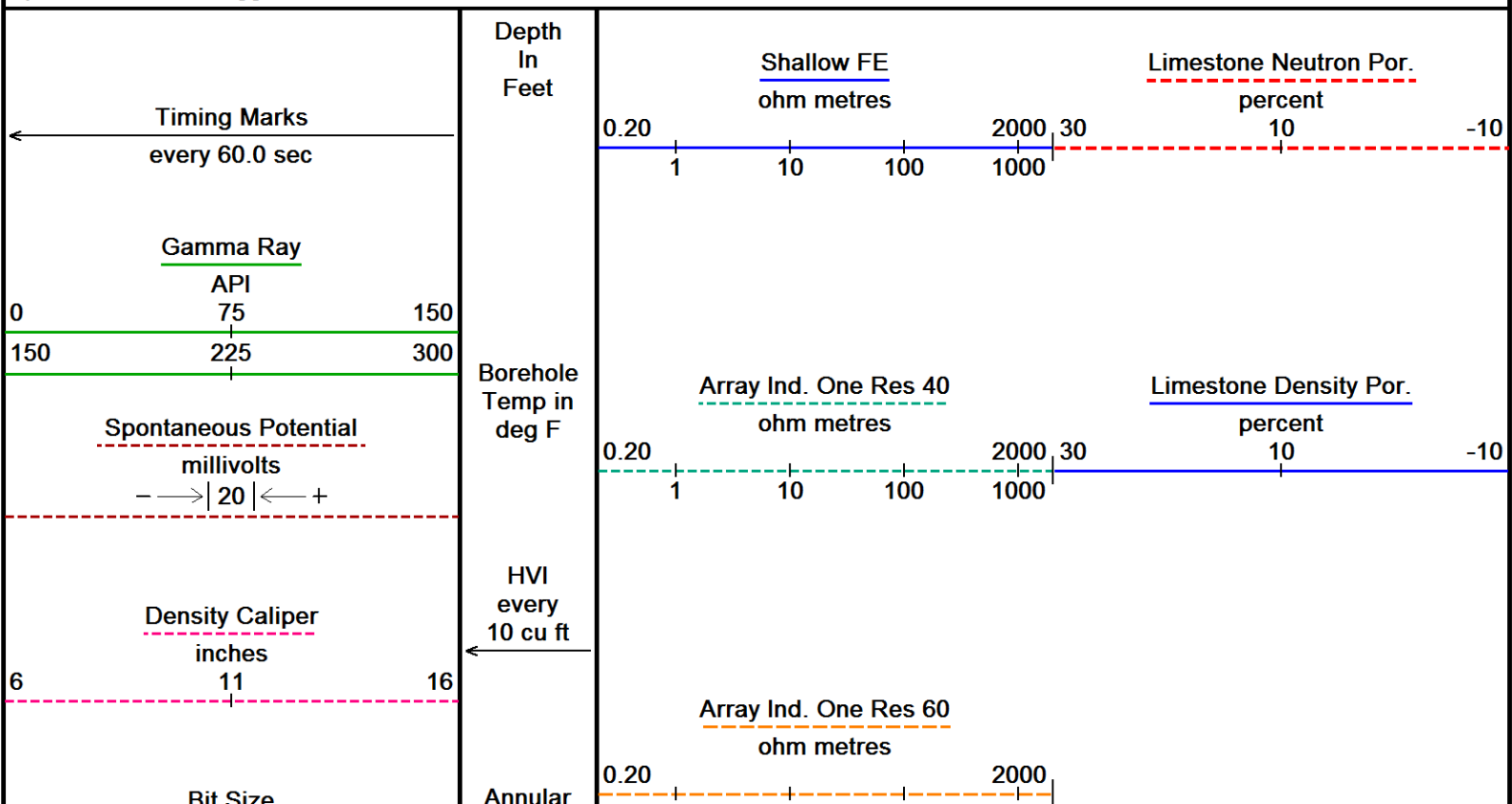


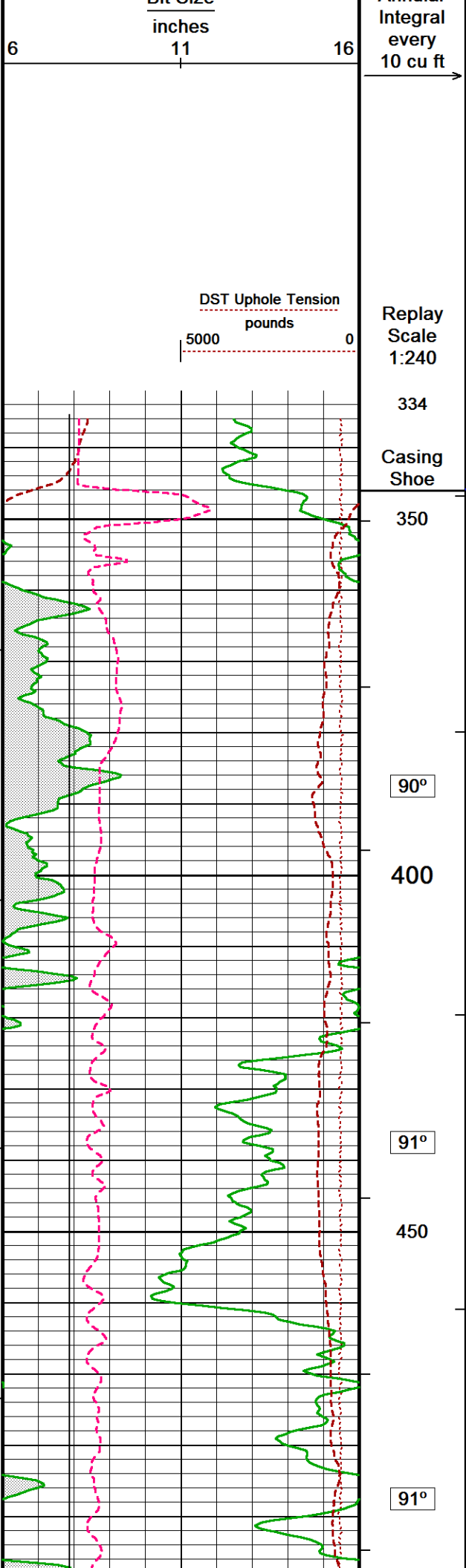
Depth Based Data - Maximum Sampling Increment 10.0cm Plotted on 21-AUG-2016 14:04
Filename: C:\Minimus 15.03.5939\Logs\Suemaurn Sha...\Suemaurn Shawn Spesser Trust #1-26_003.dta Recorded on 21-AUG-2016 11:47
System Versions: Logged with 15.03.5939 Processed with 15.03.5939 Plotted with 15.03.5939

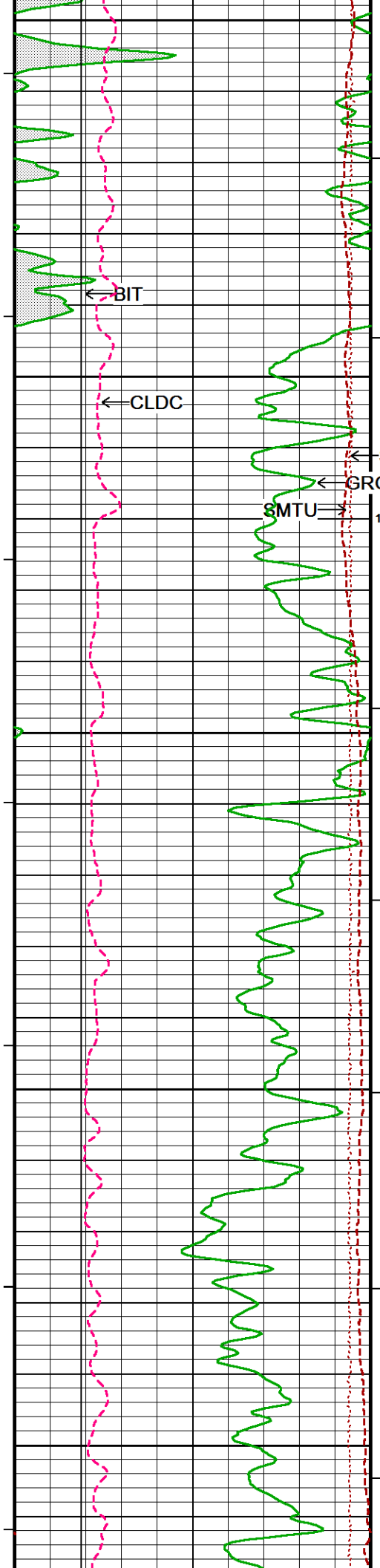
2 INCH MAIN INDUCTION

5 INCH MAIN COMPOSITE

Depth Based Data - Maximum Sampling Increment 10.0cm Plotted on 21-AUG-2016 14:04
Filename: C:\Minimus 15.03.5939\Logs\Suemaurn Sha...\Suemaurn Shawn Spesser Trust #1-26_003.dta Recorded on 21-AUG-2016 11:47
System Versions: Logged with 15.03.5939 Processed with 15.03.5939 Plotted with 15.03.5939

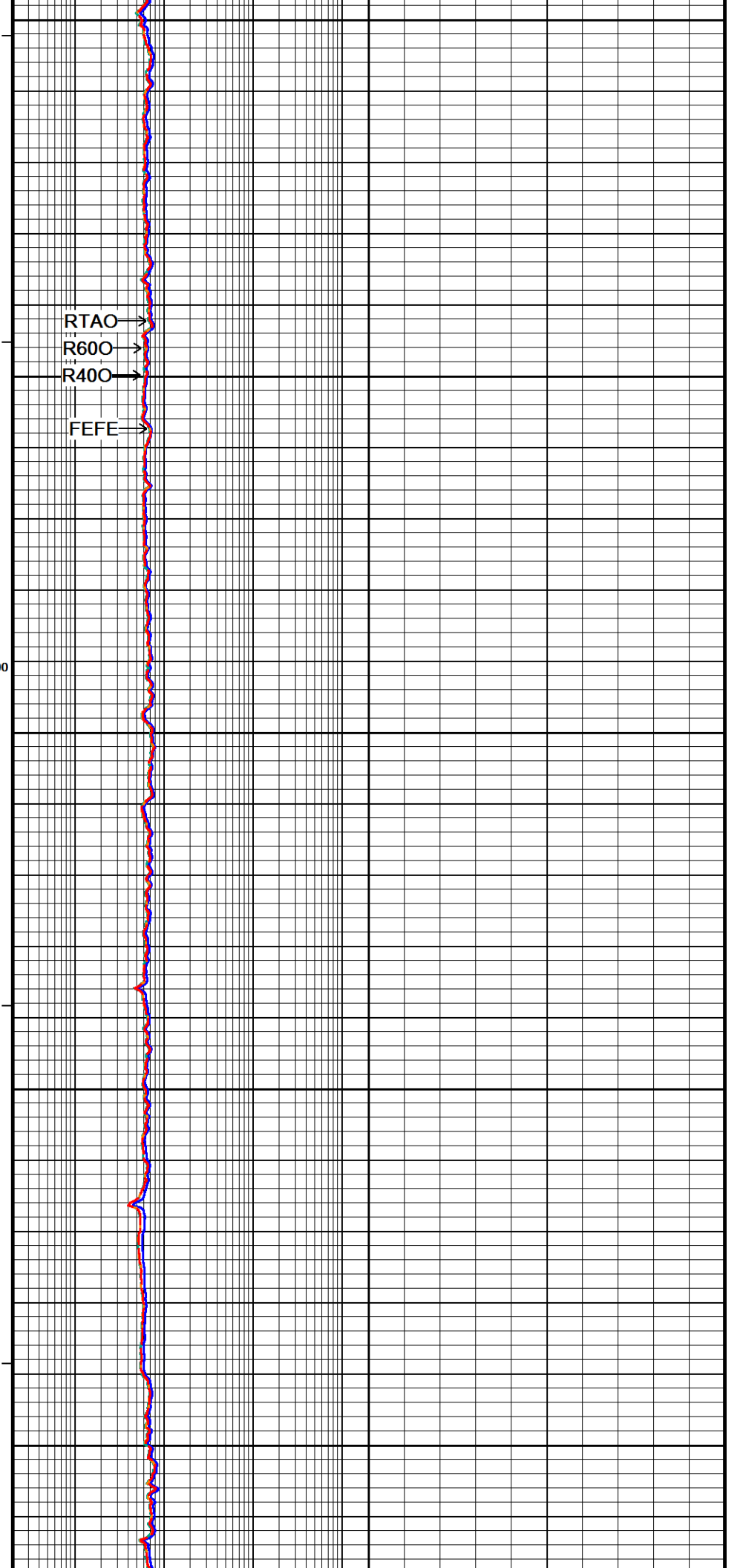


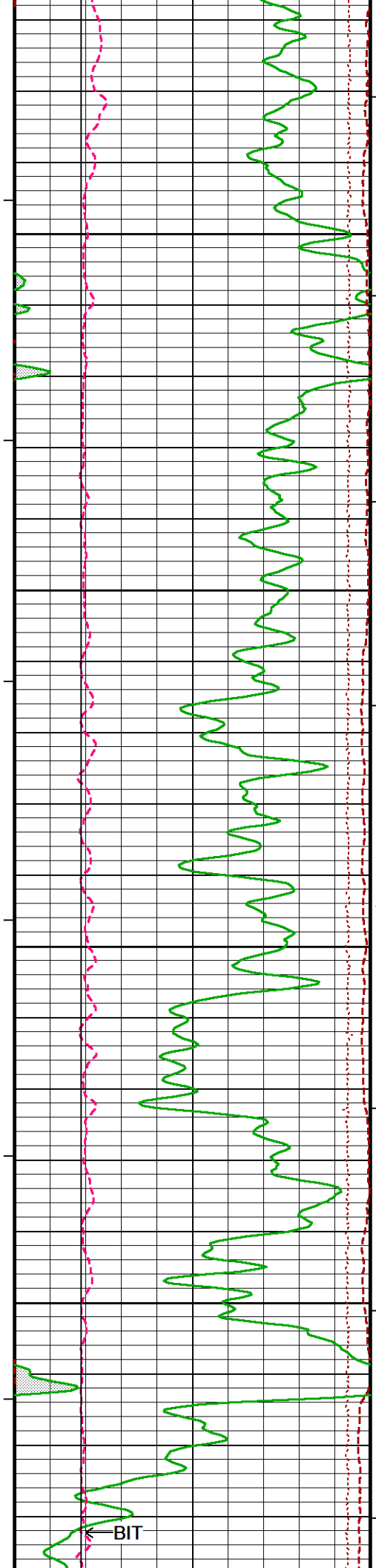




500
92°
550
1300
92°
700
600
93°
650
93°
700

RTAO
R600
R400
FEFE





93°

750

93°

800

94°

1200

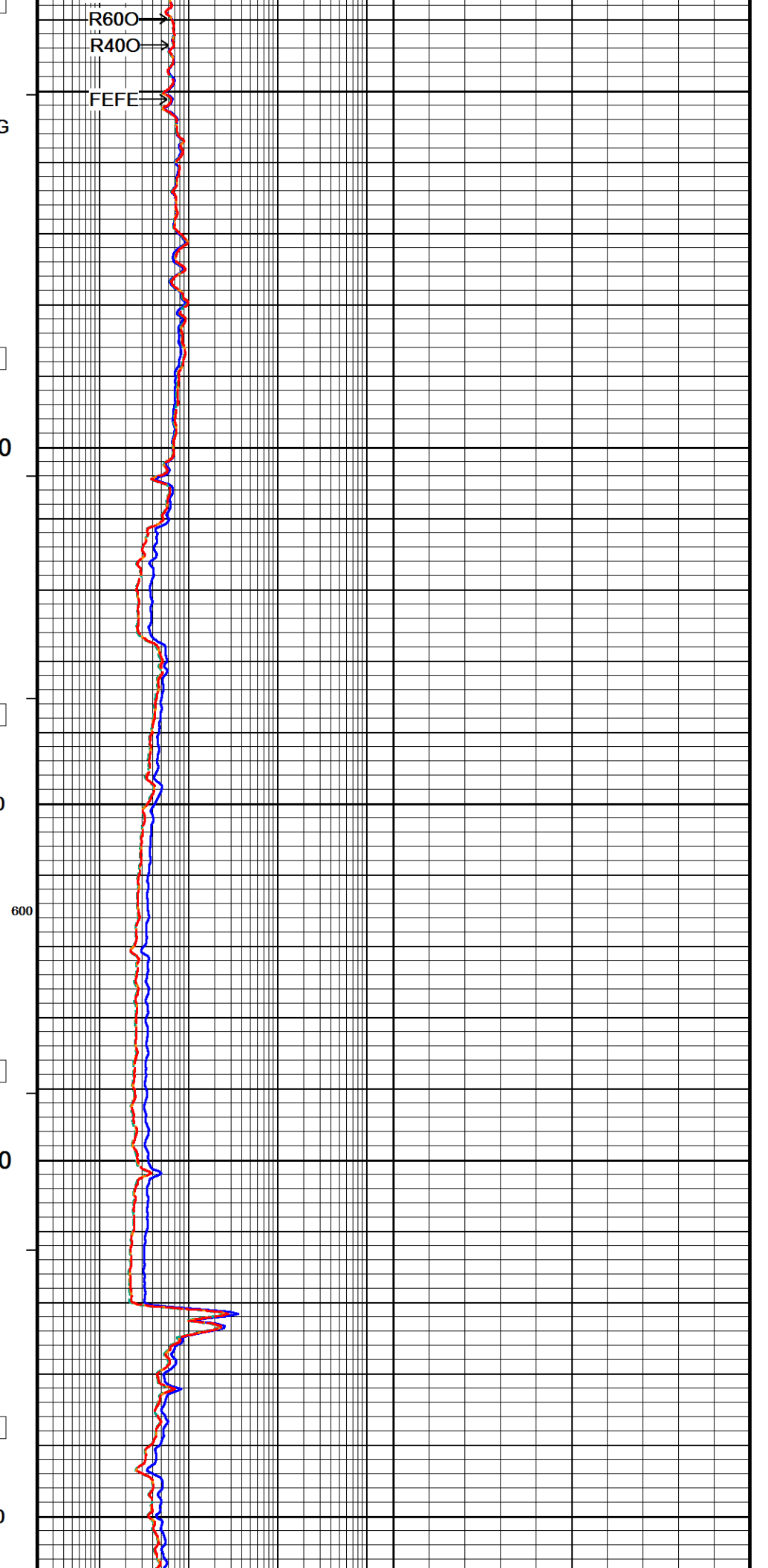
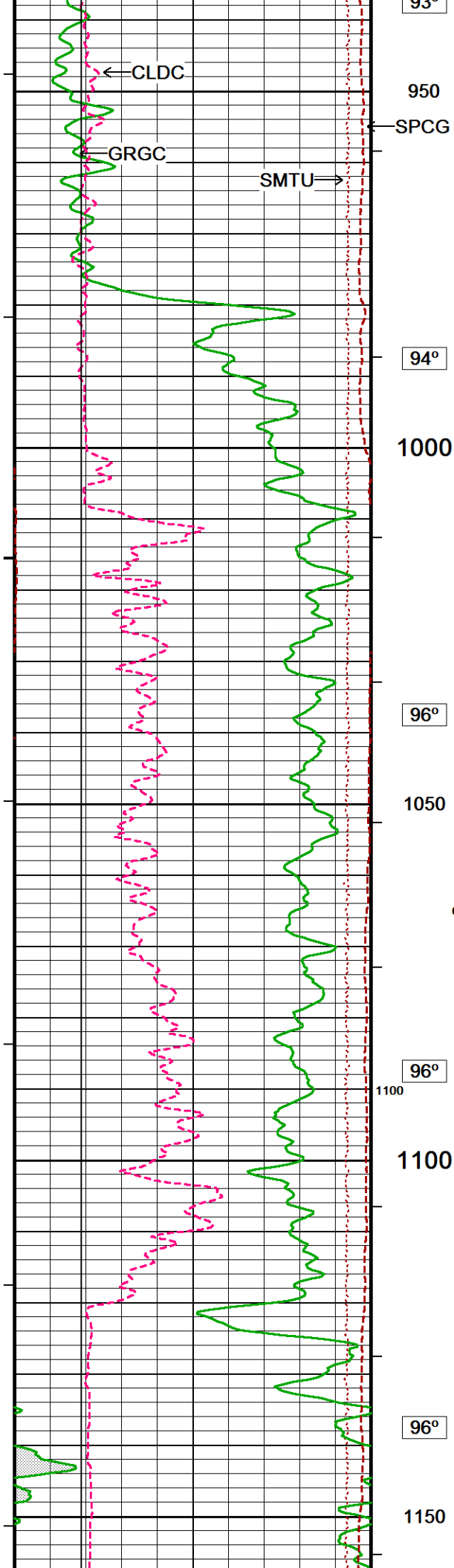
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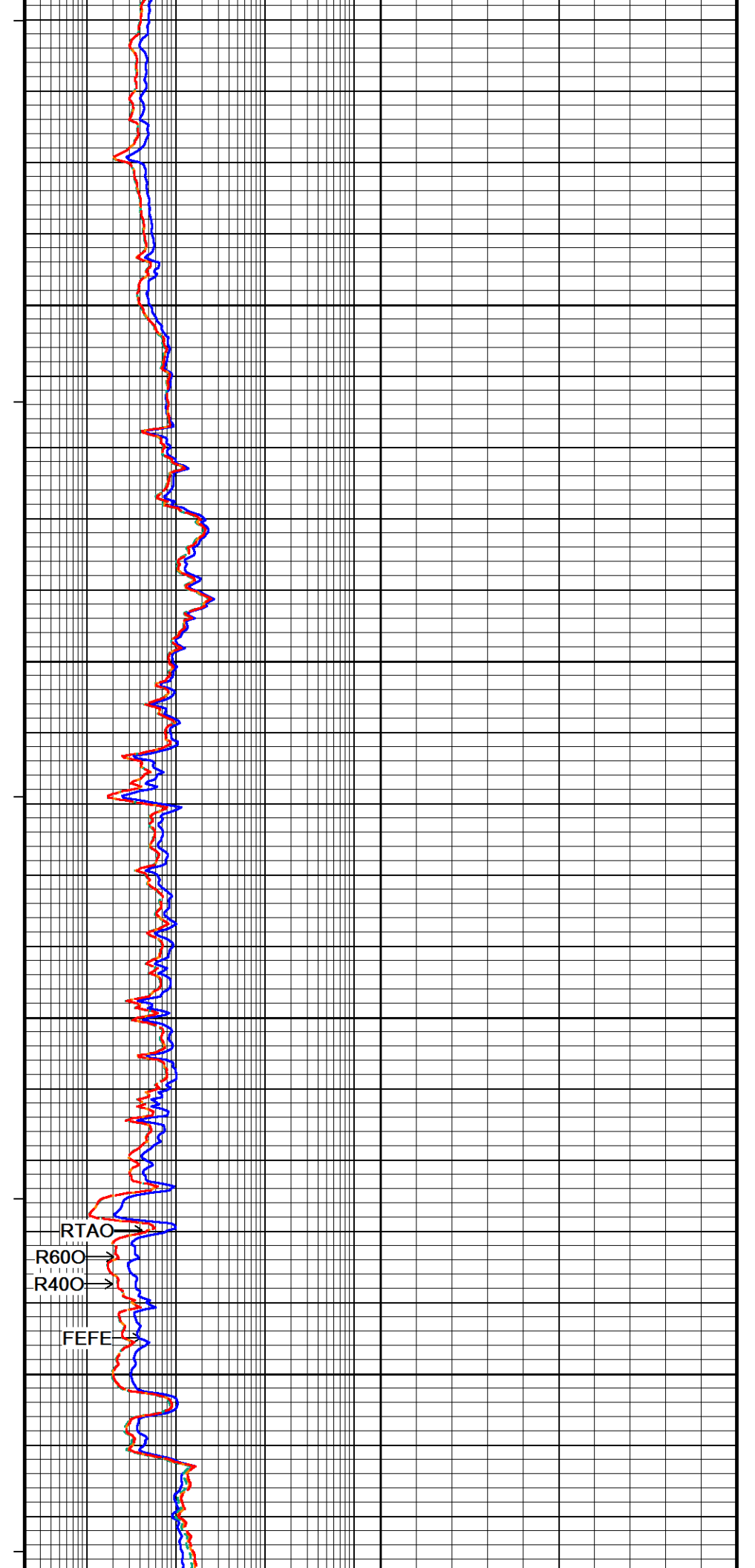
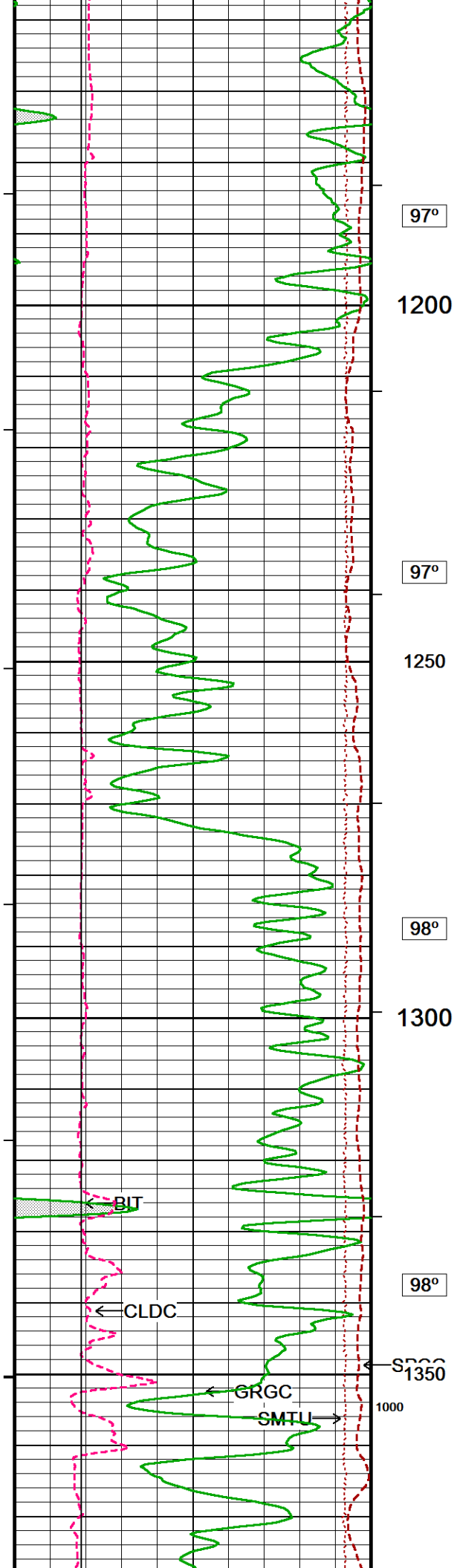
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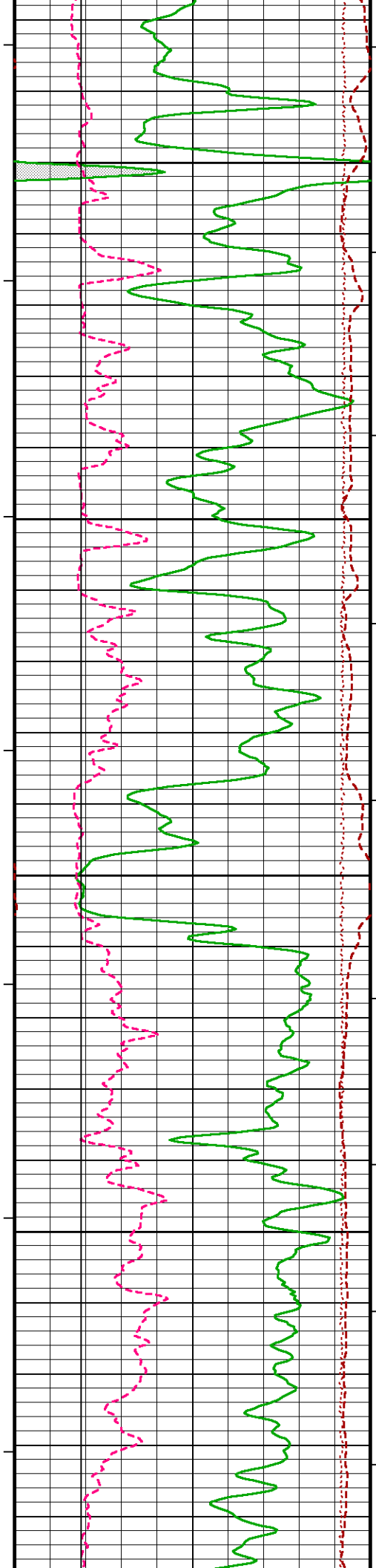
900

93°

RTAO →







98°

1400

98°

1450

98°

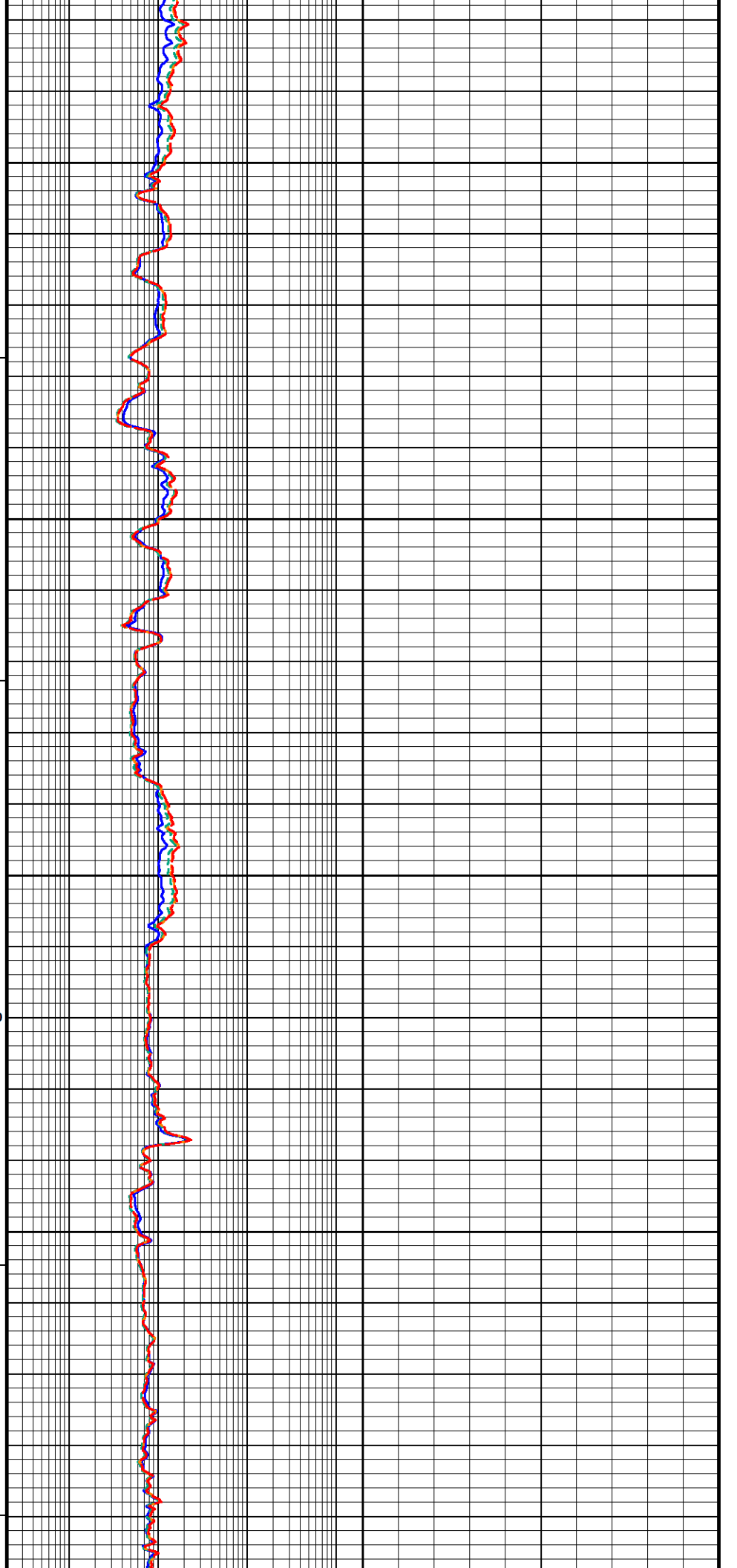
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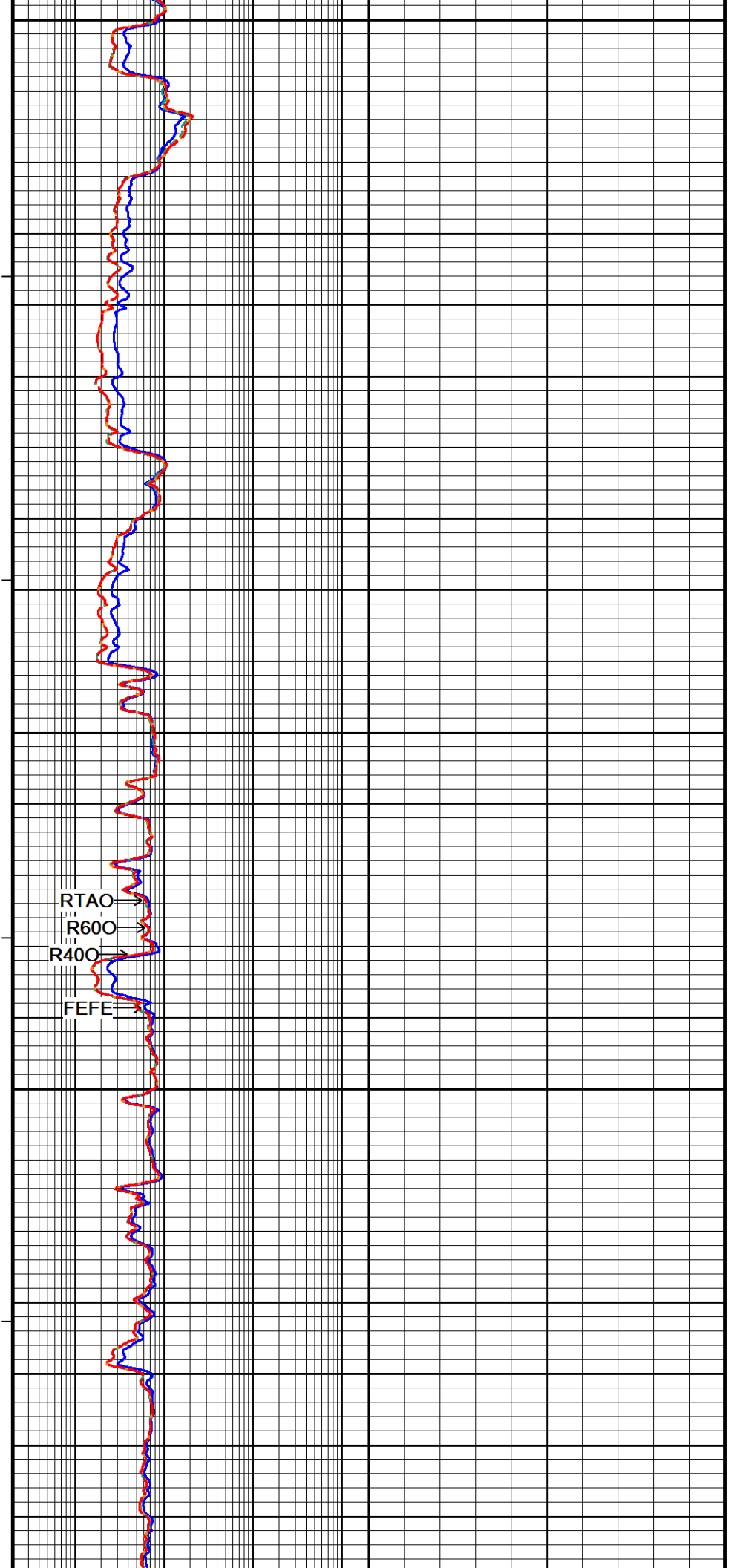
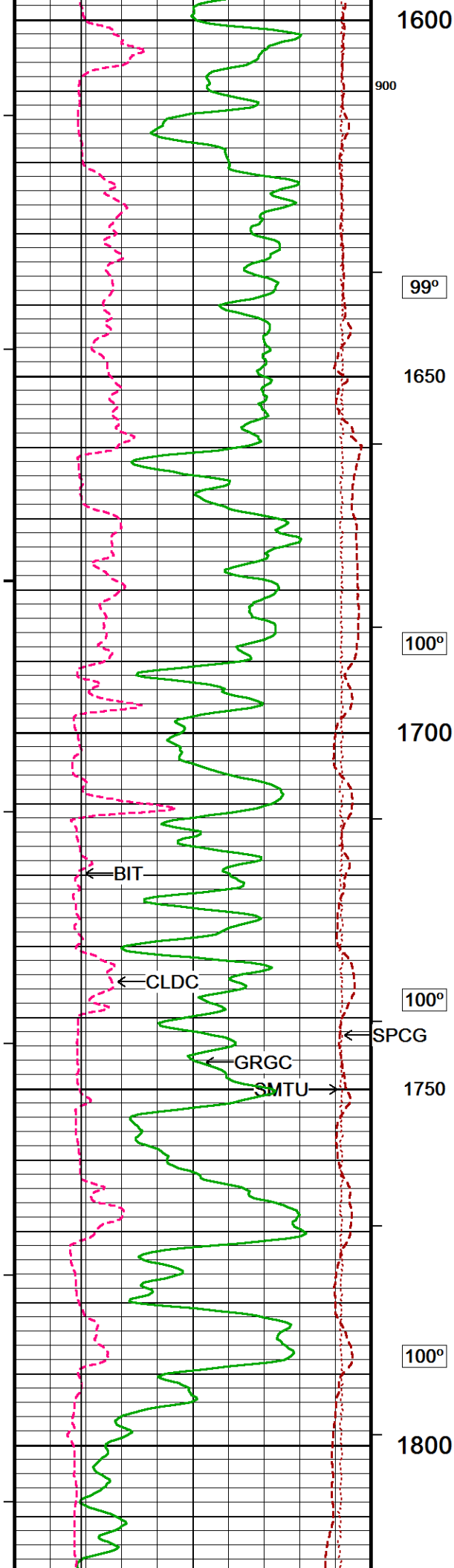
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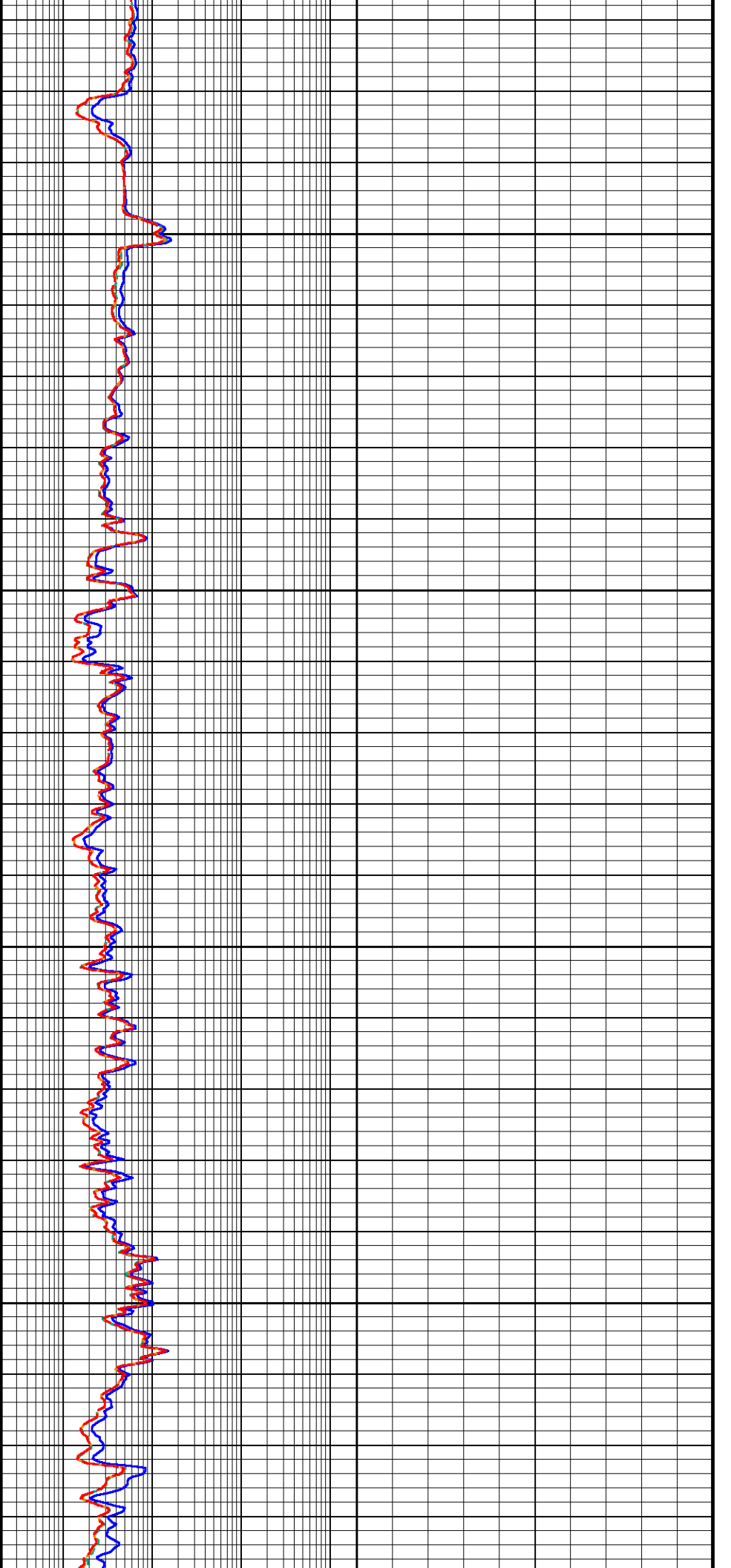
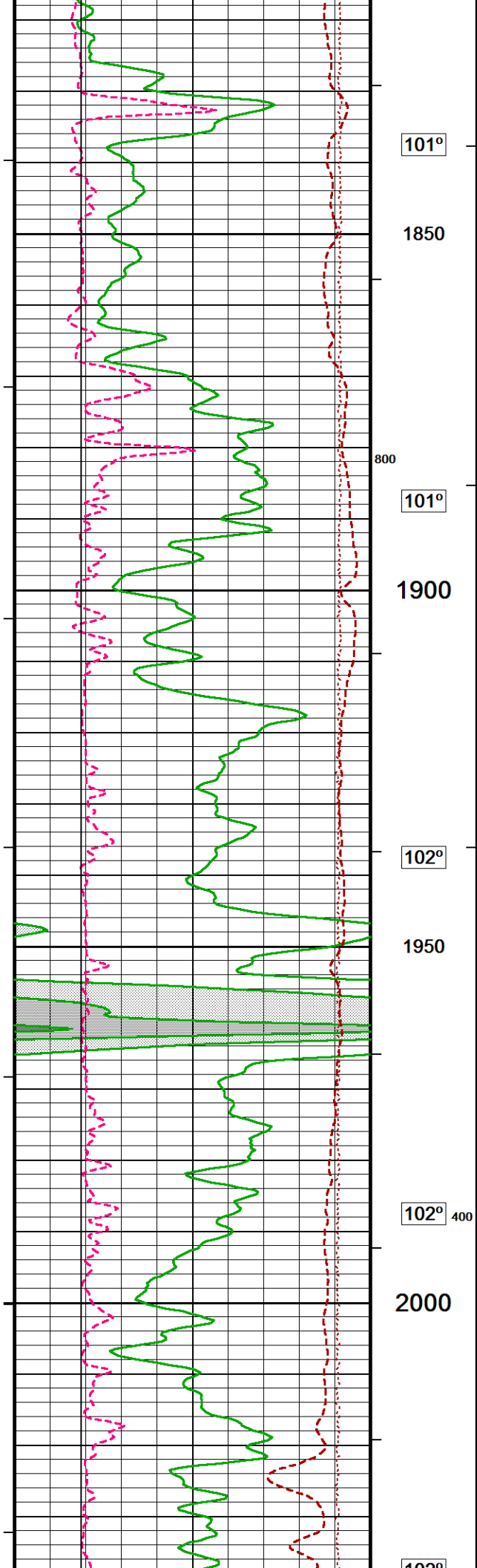
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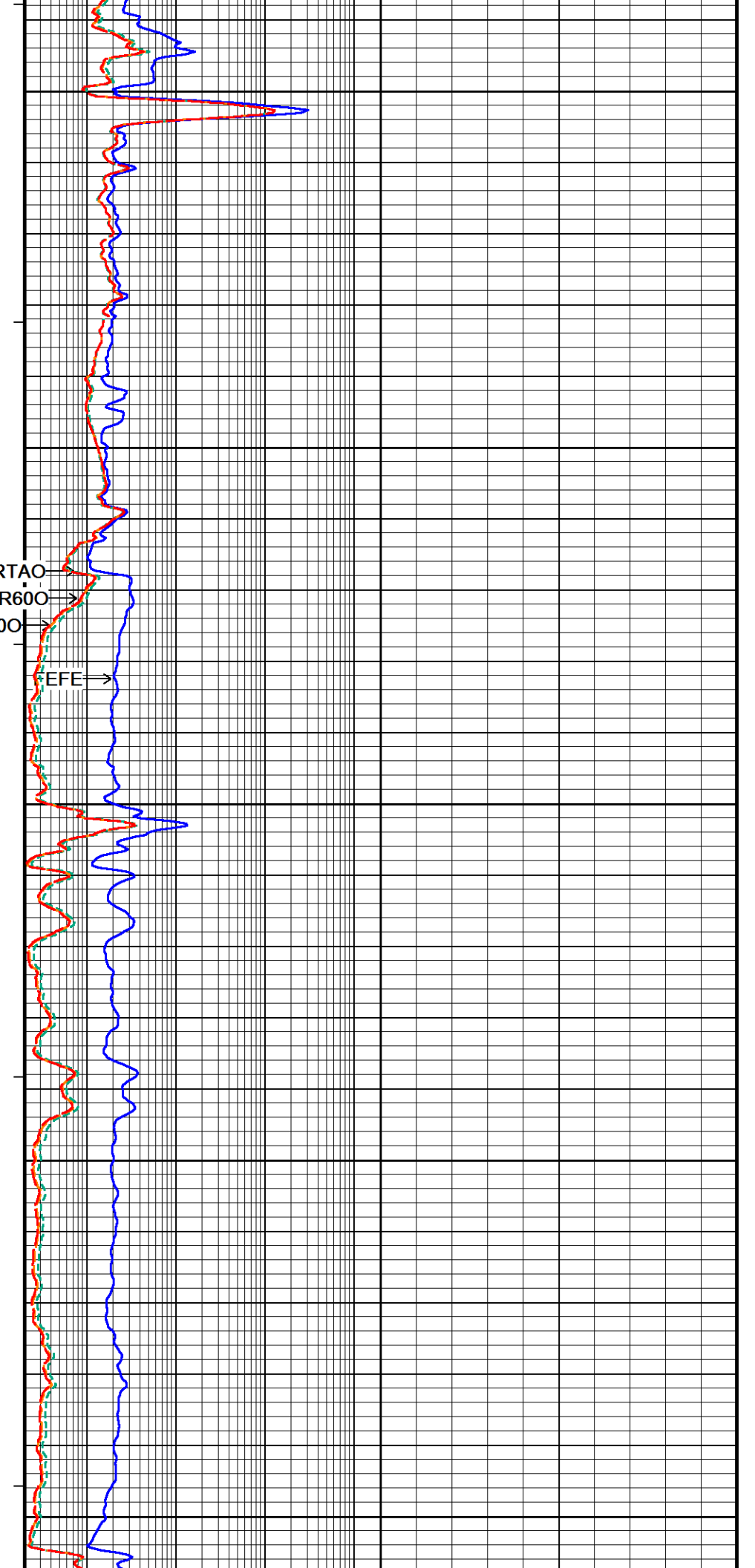
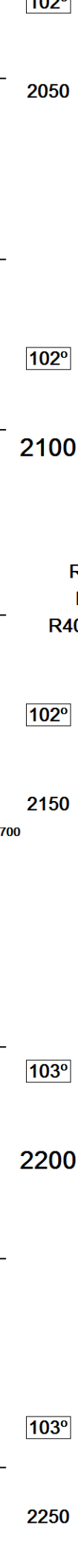
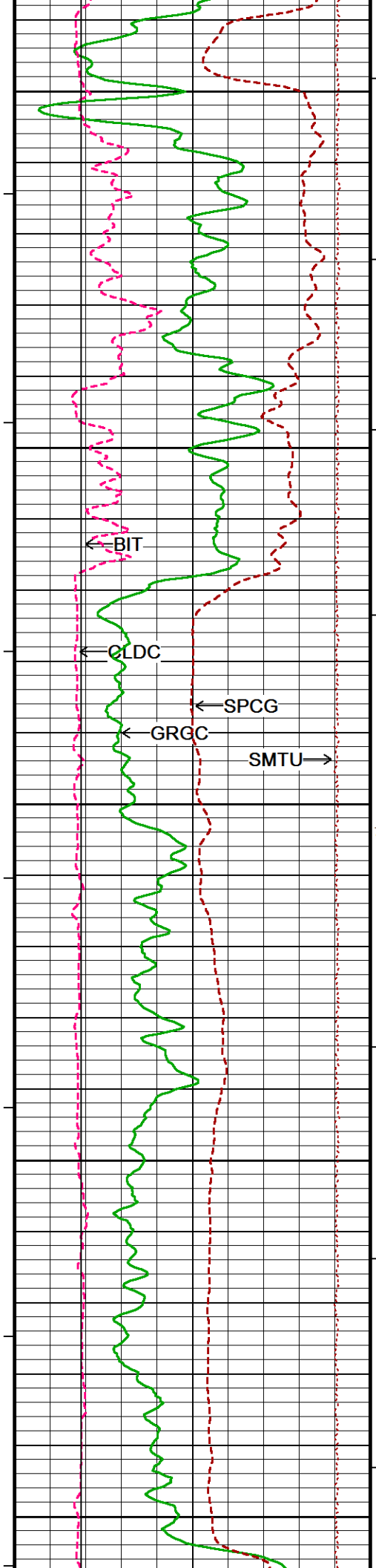
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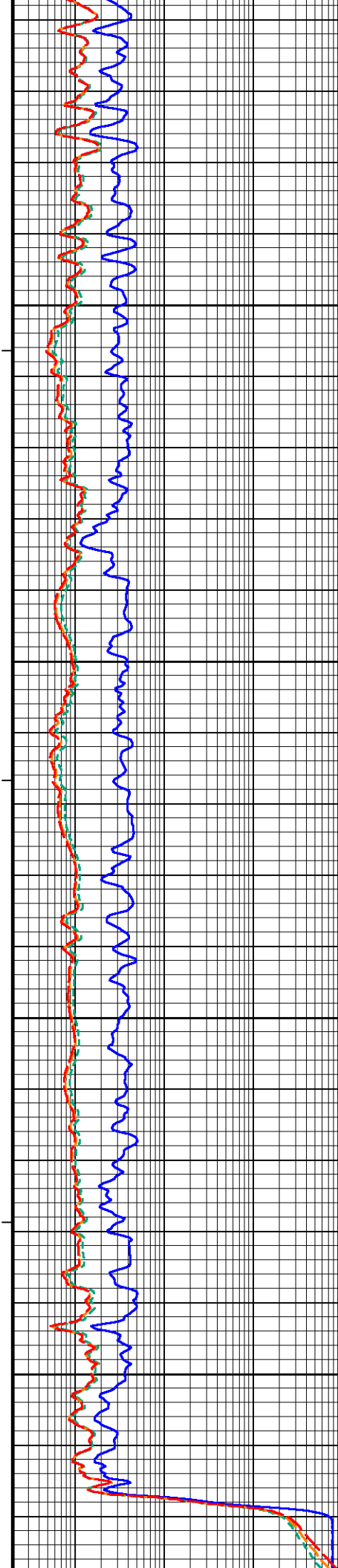
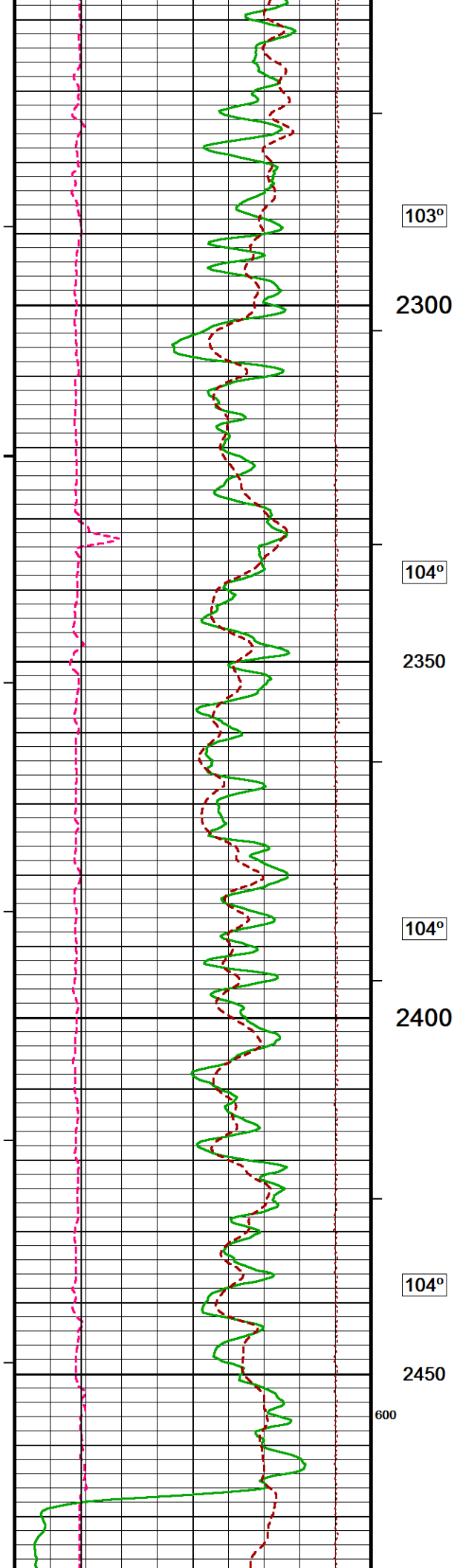
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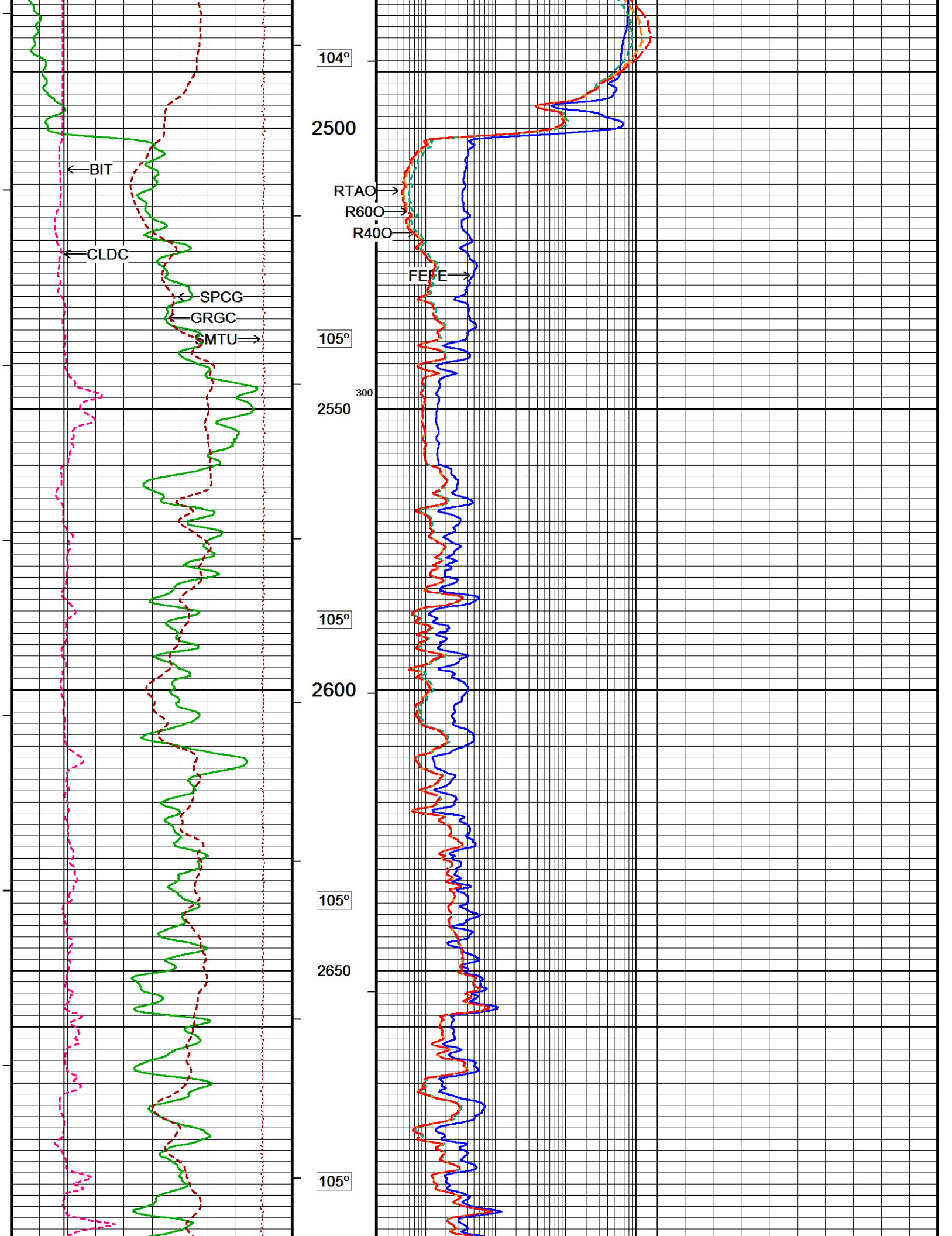


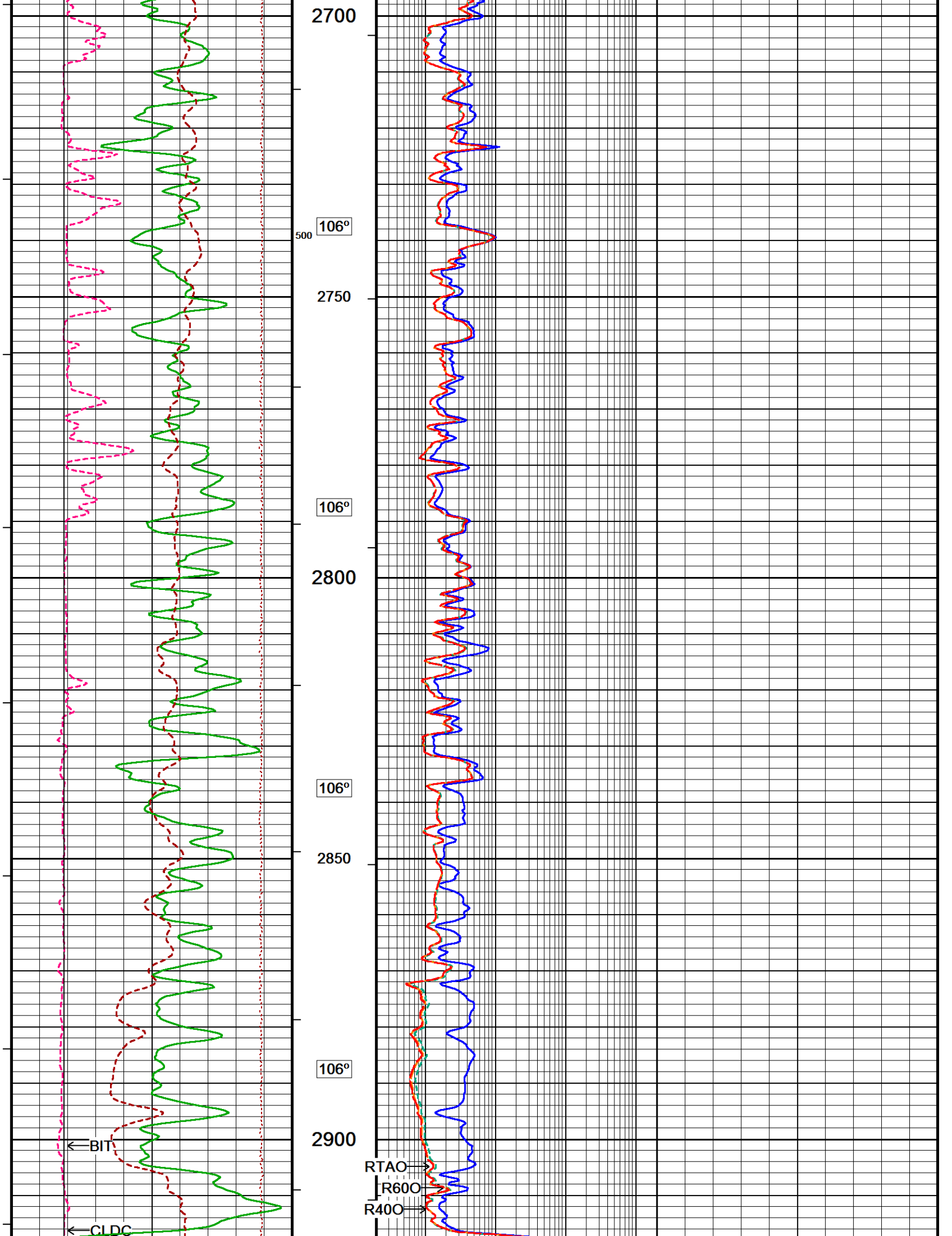


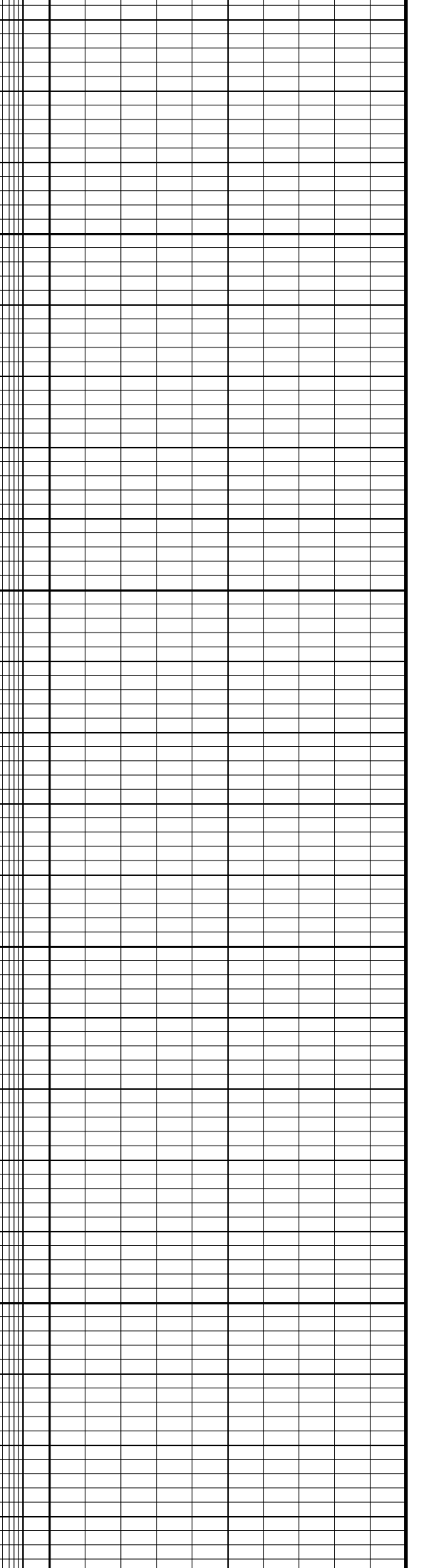
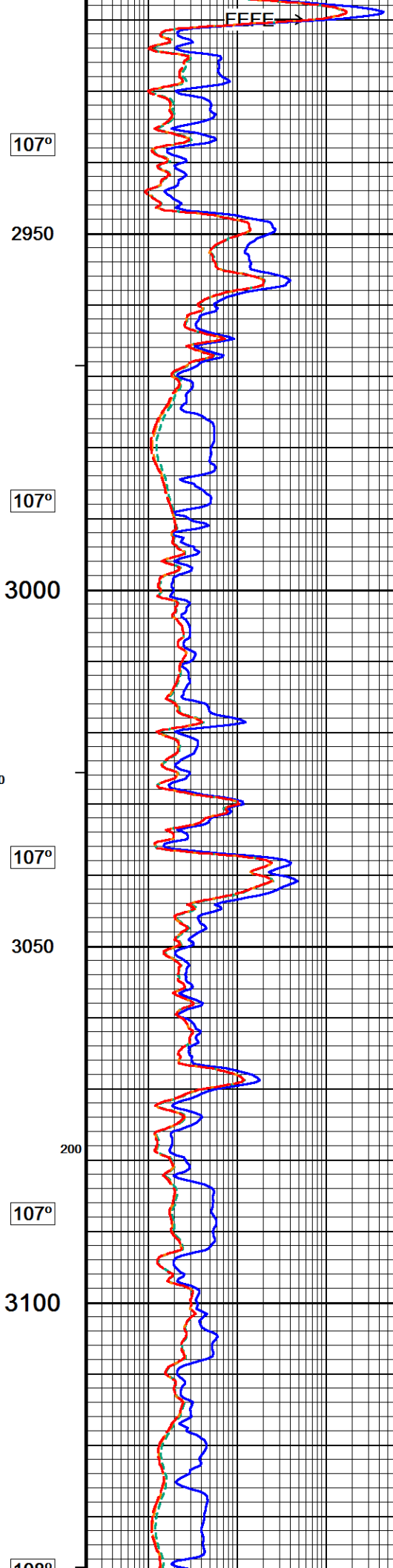
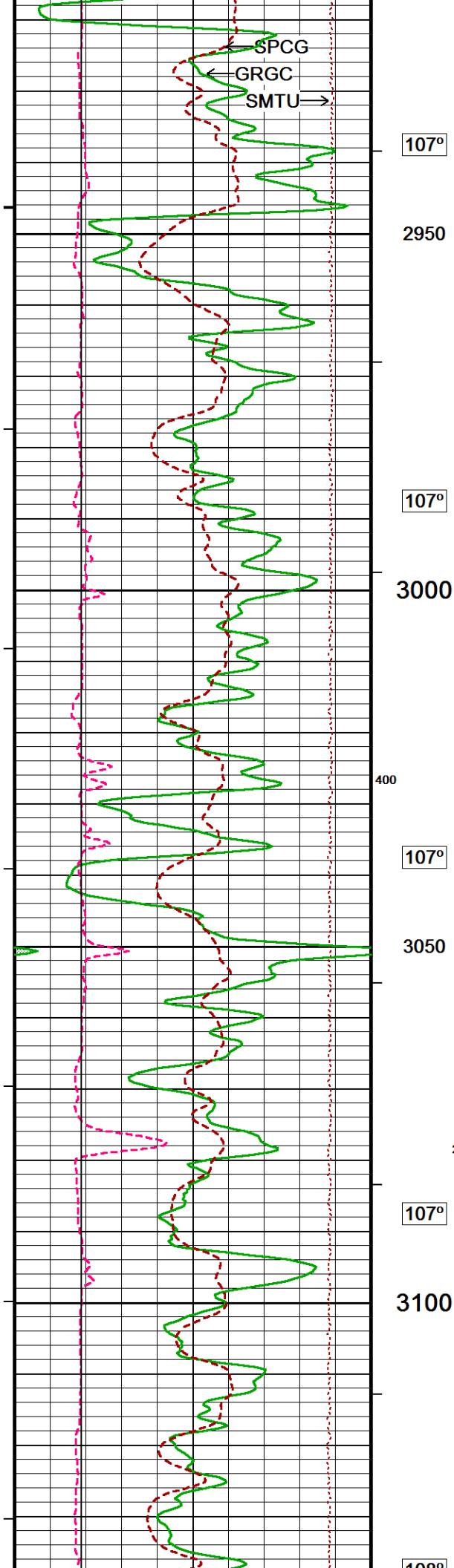


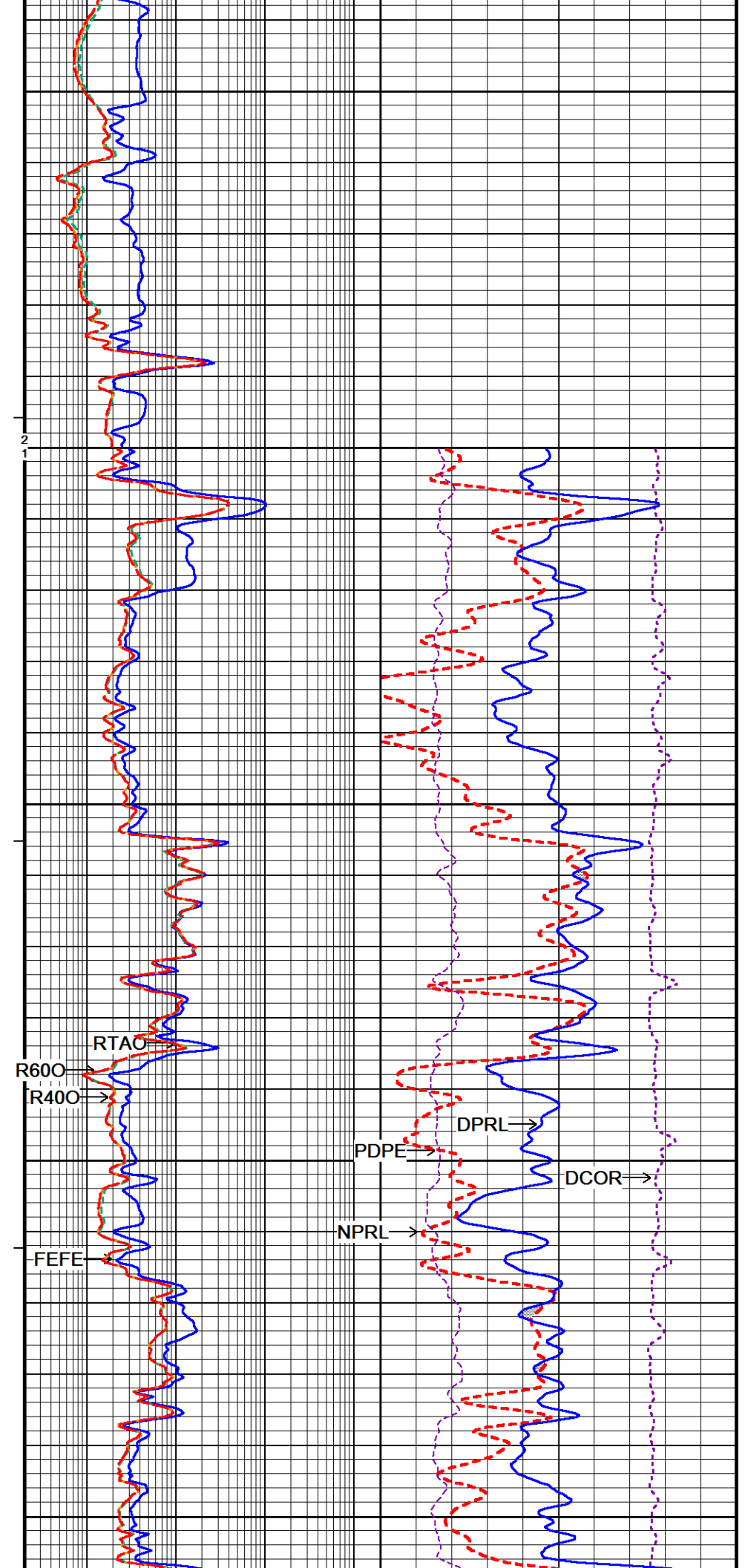
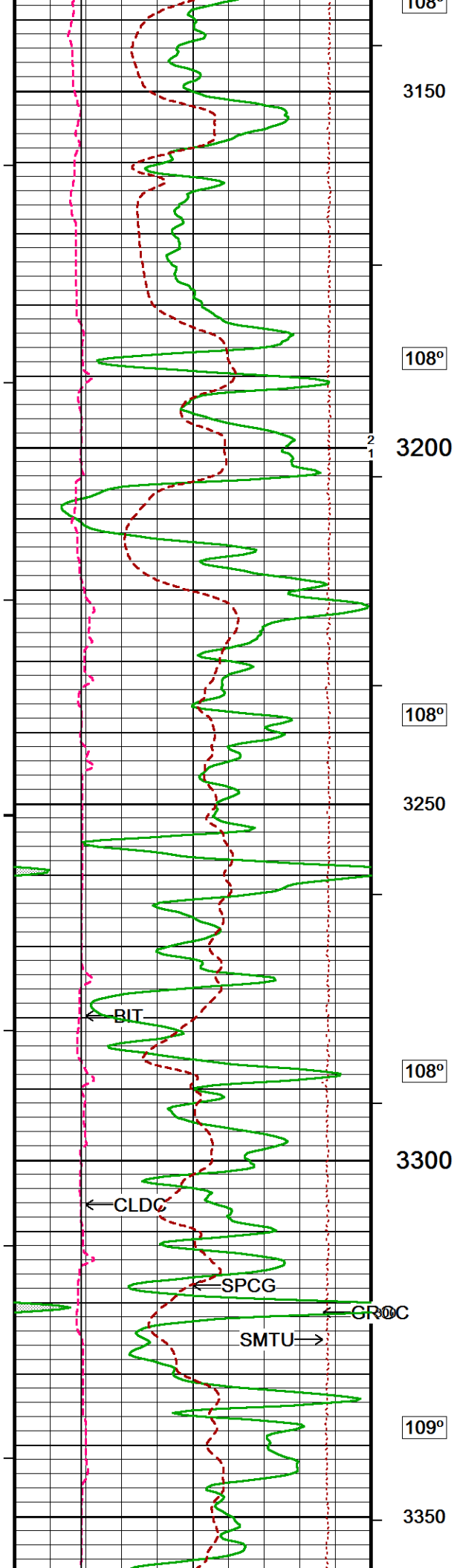


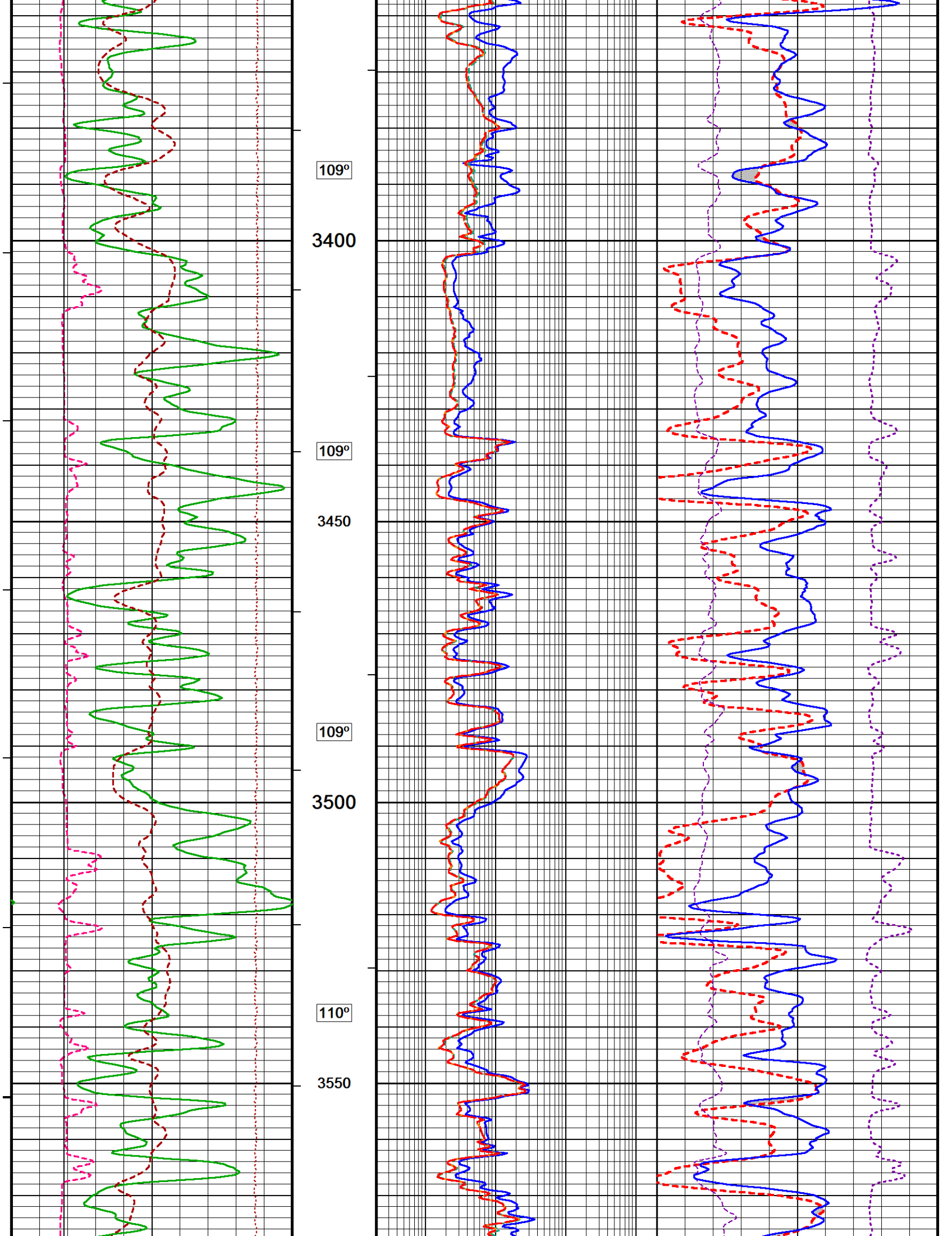


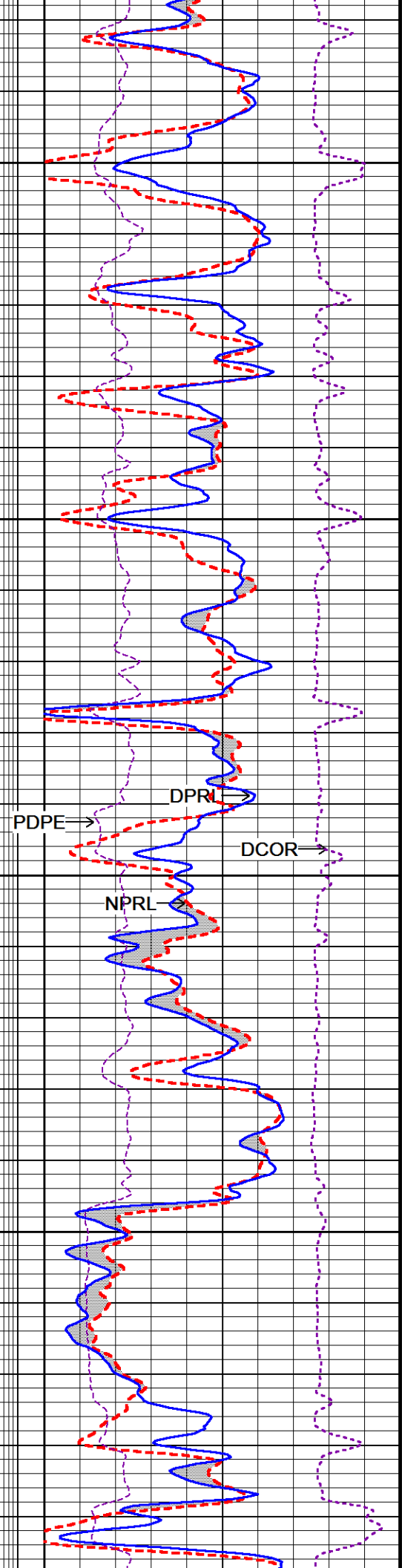
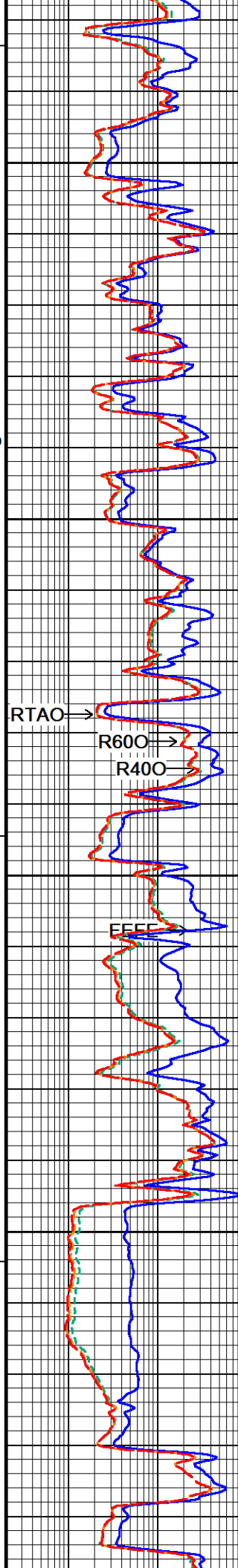
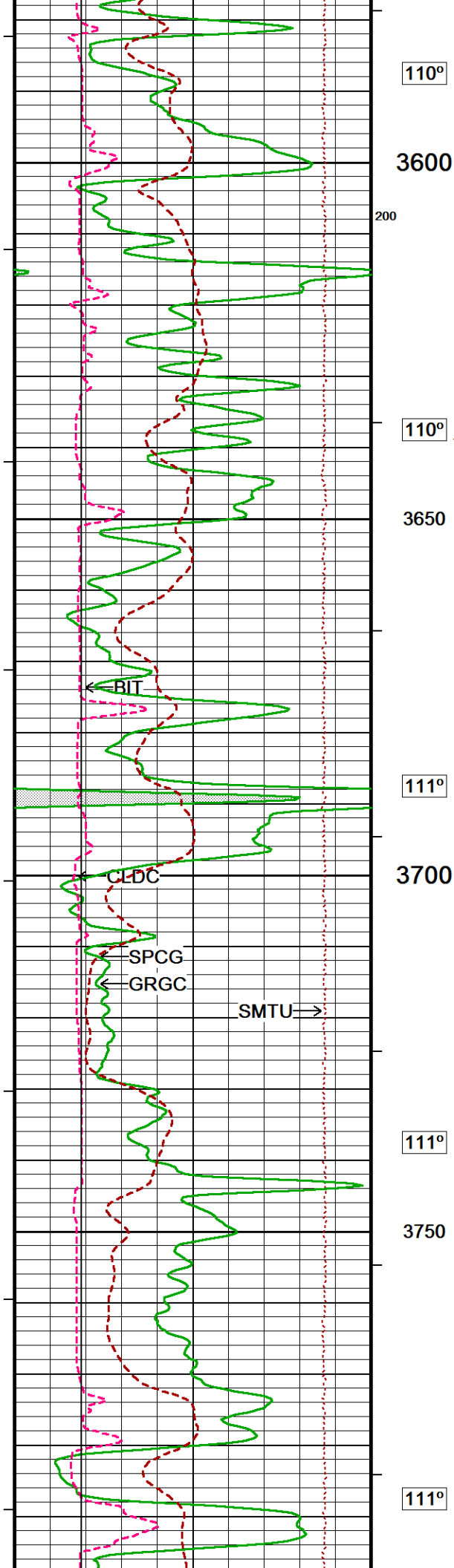


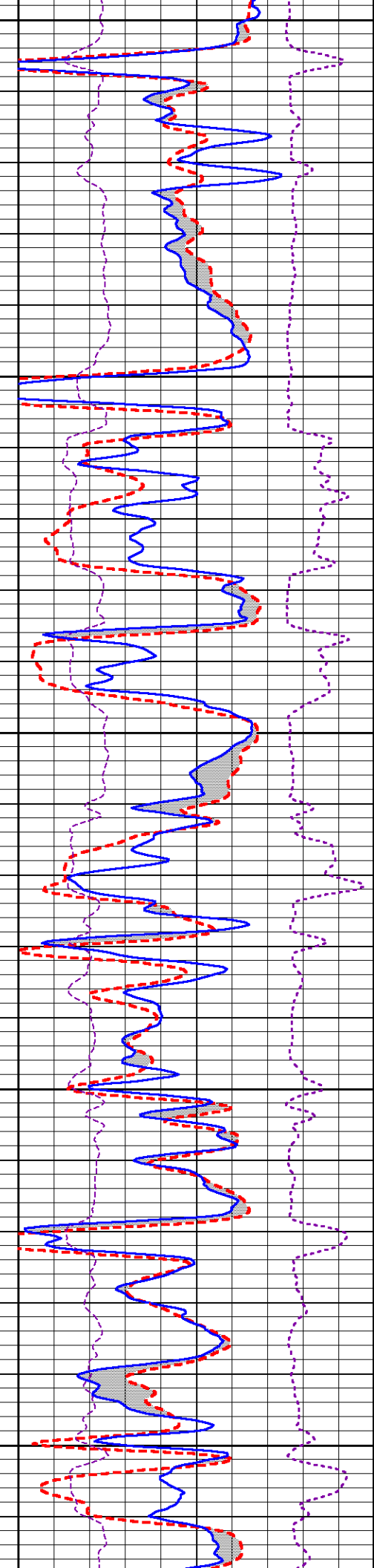
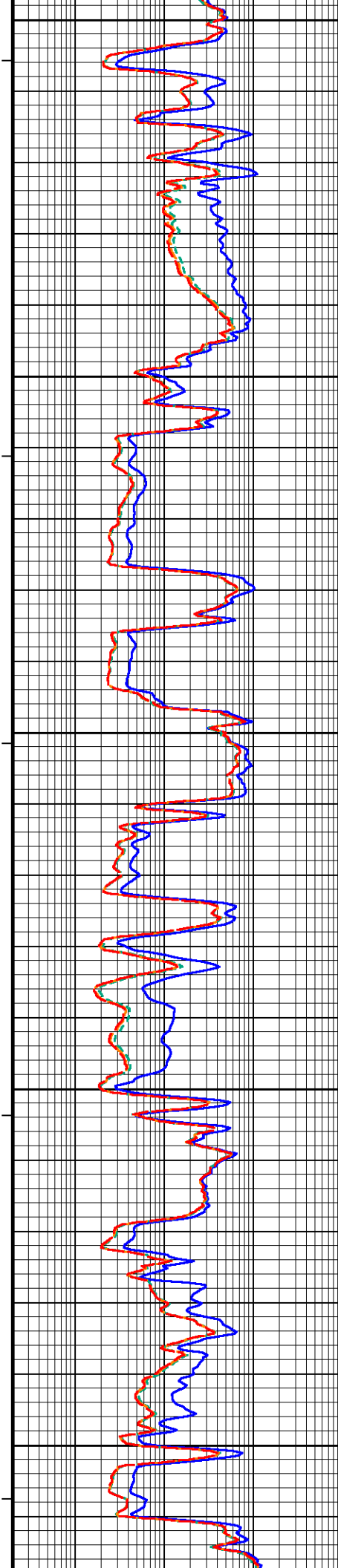
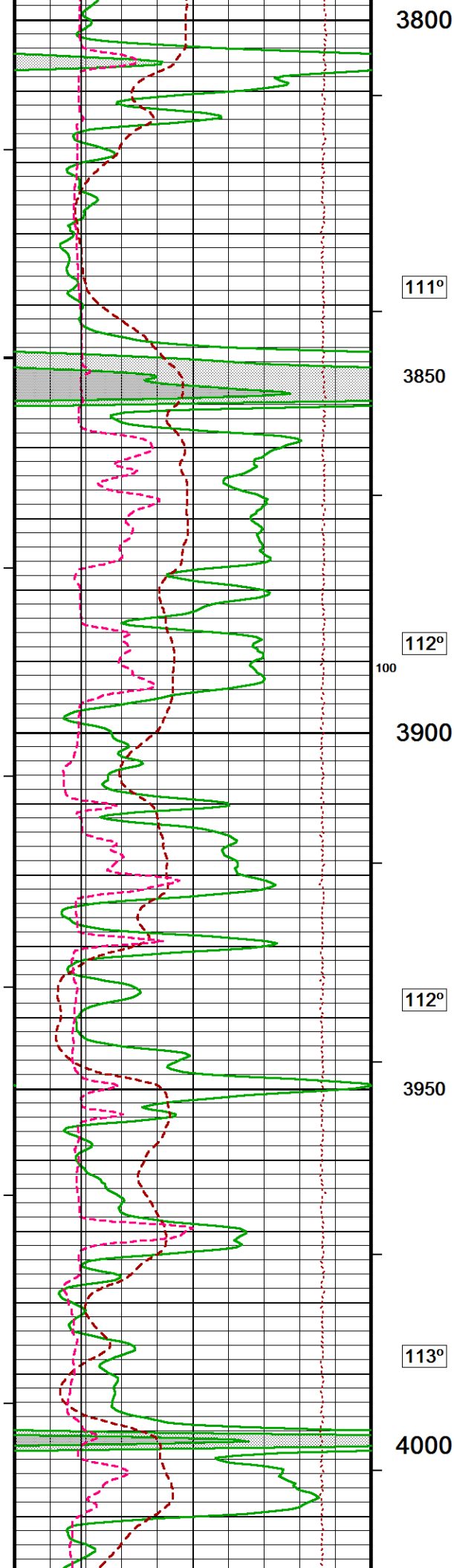


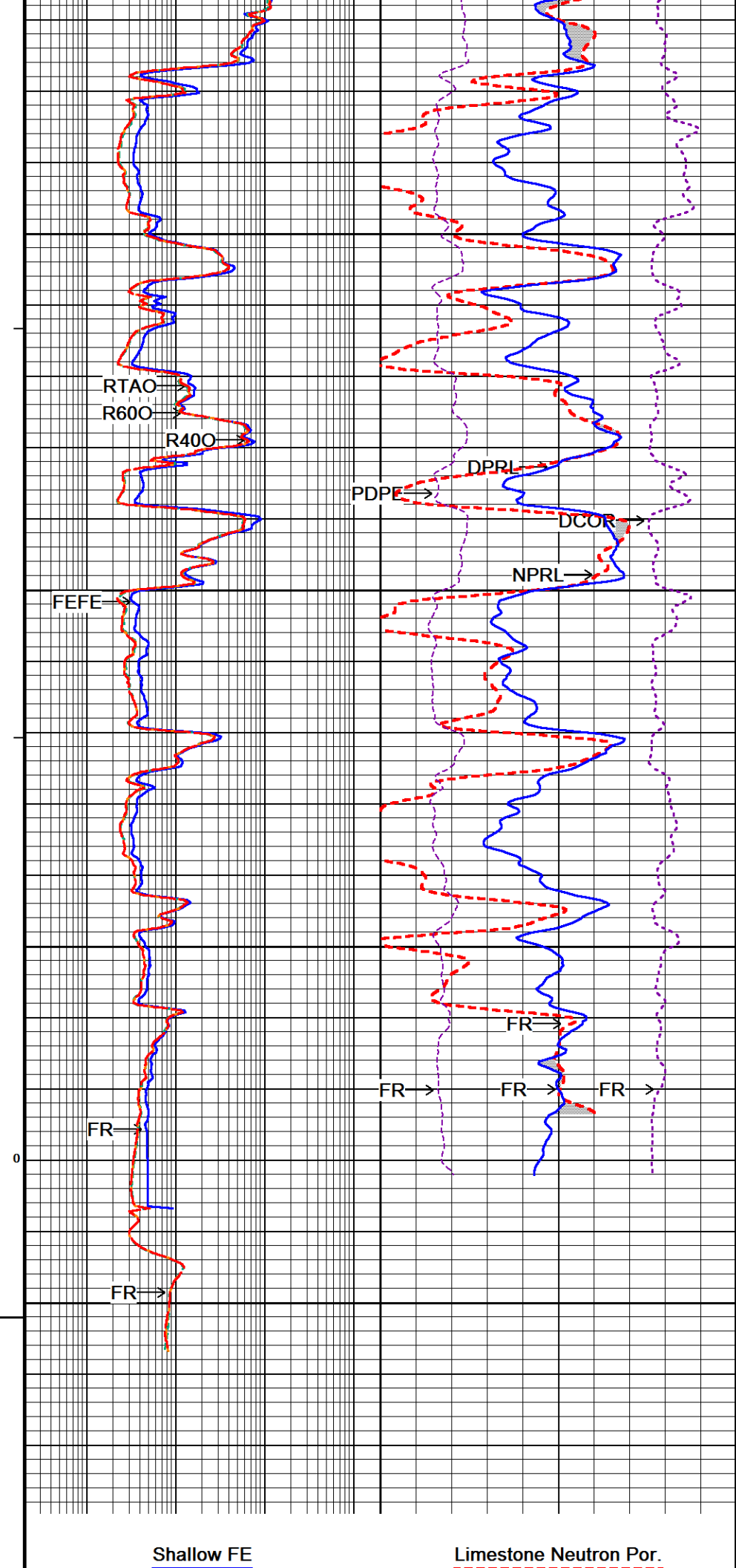
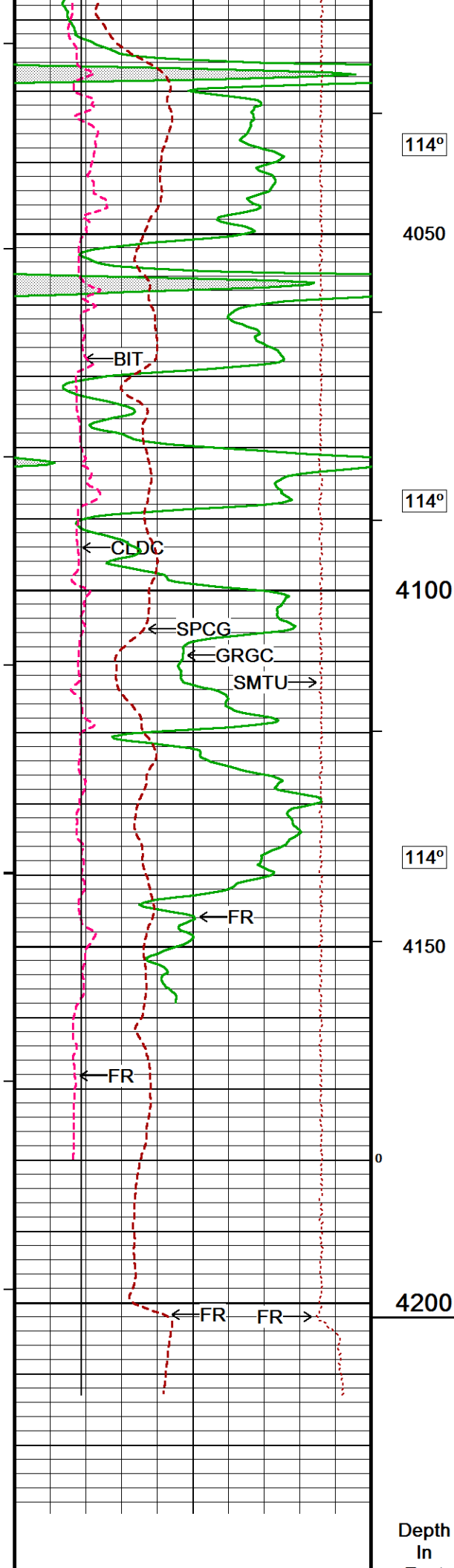


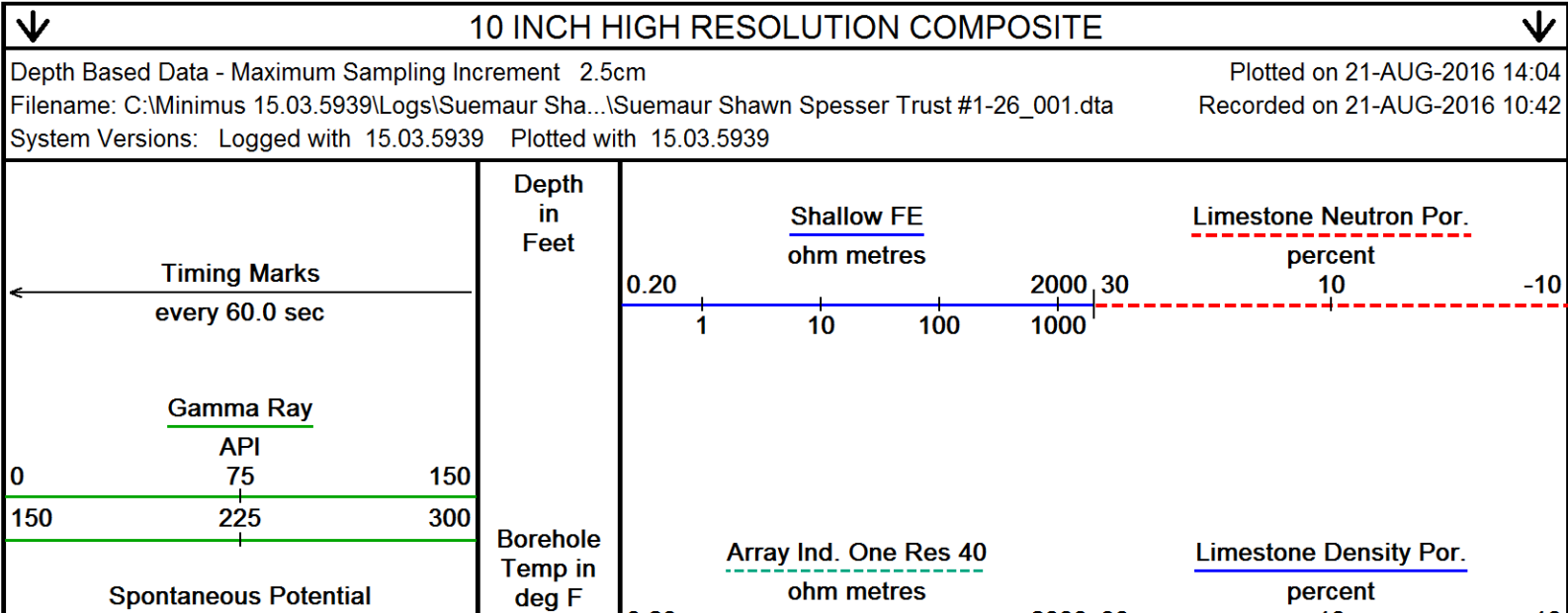
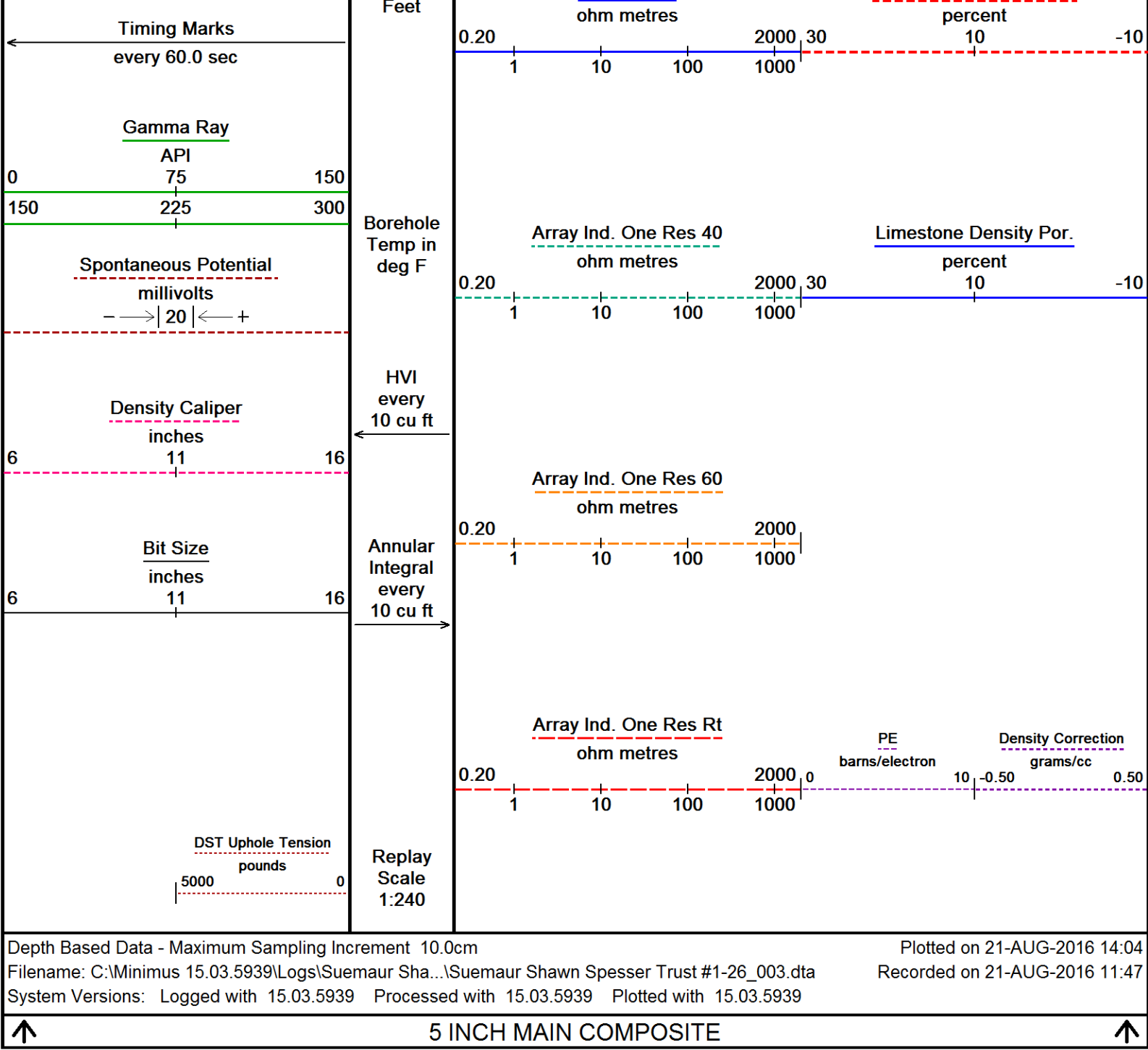


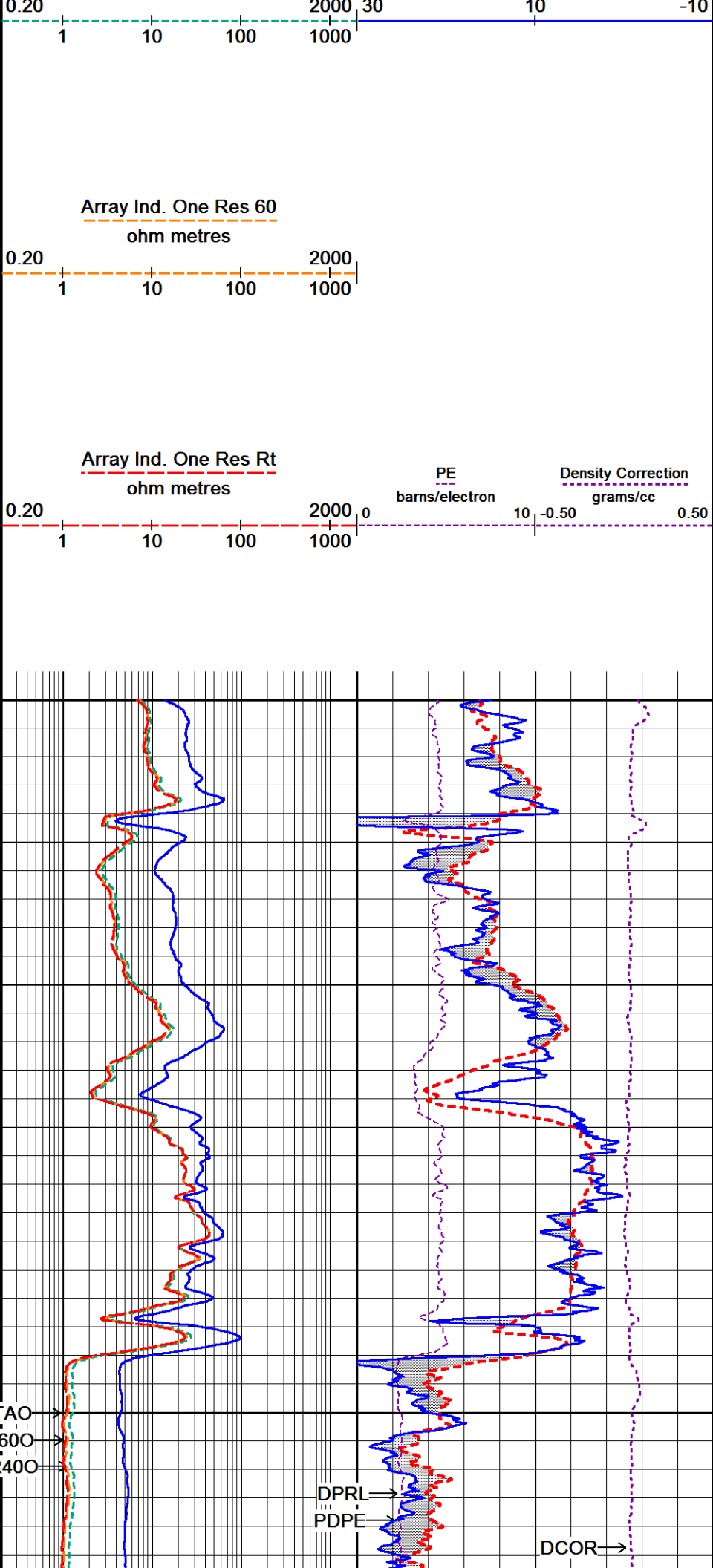
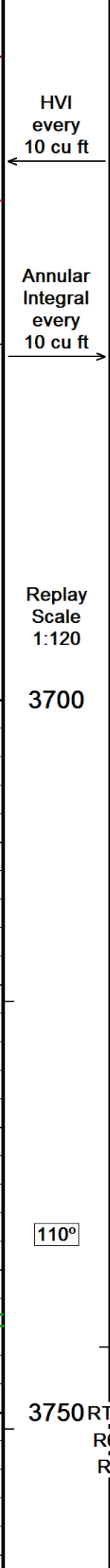
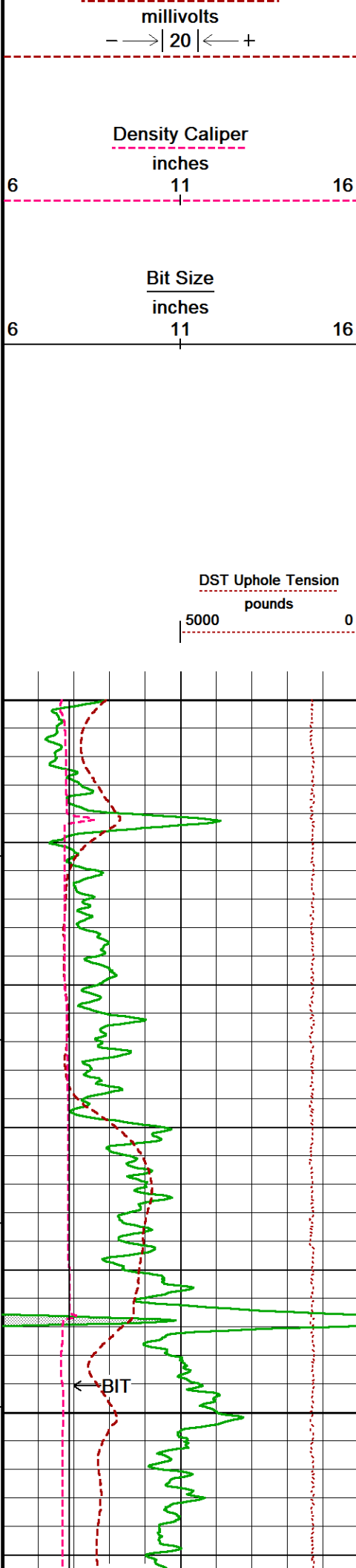


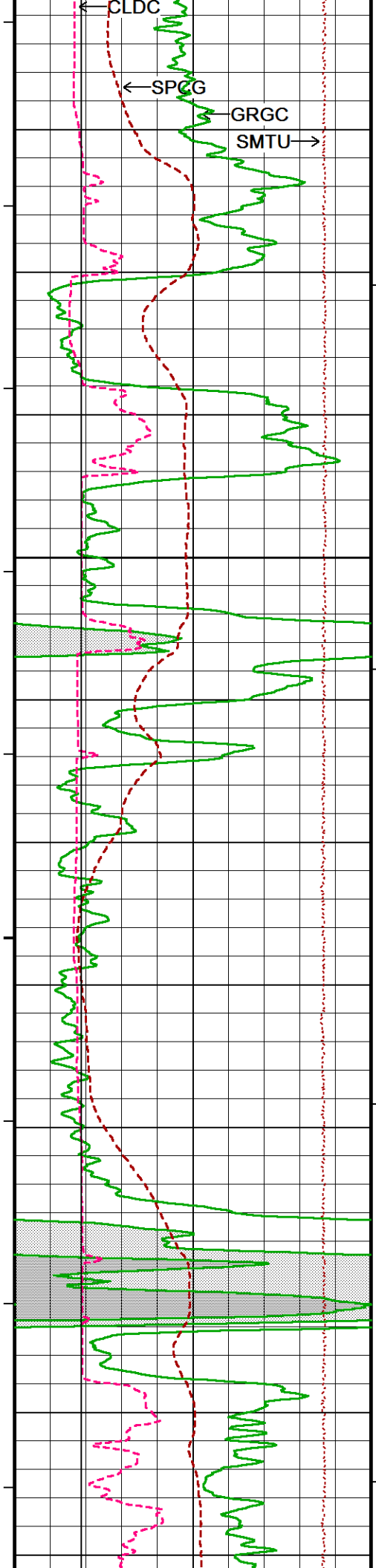










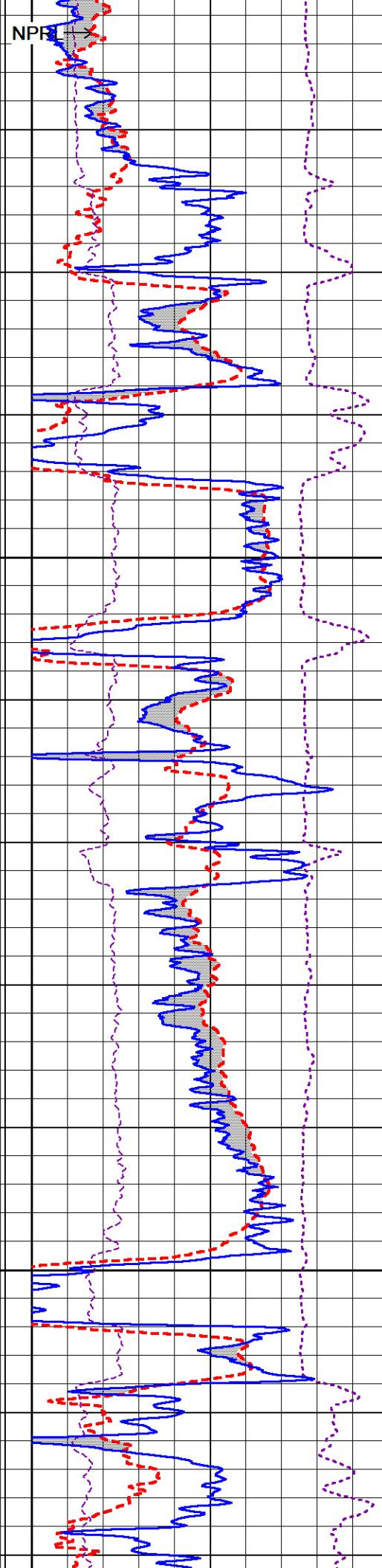
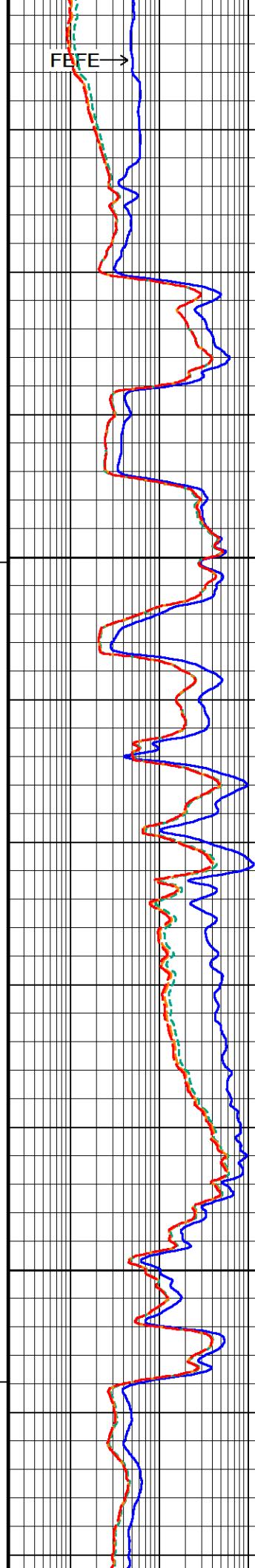


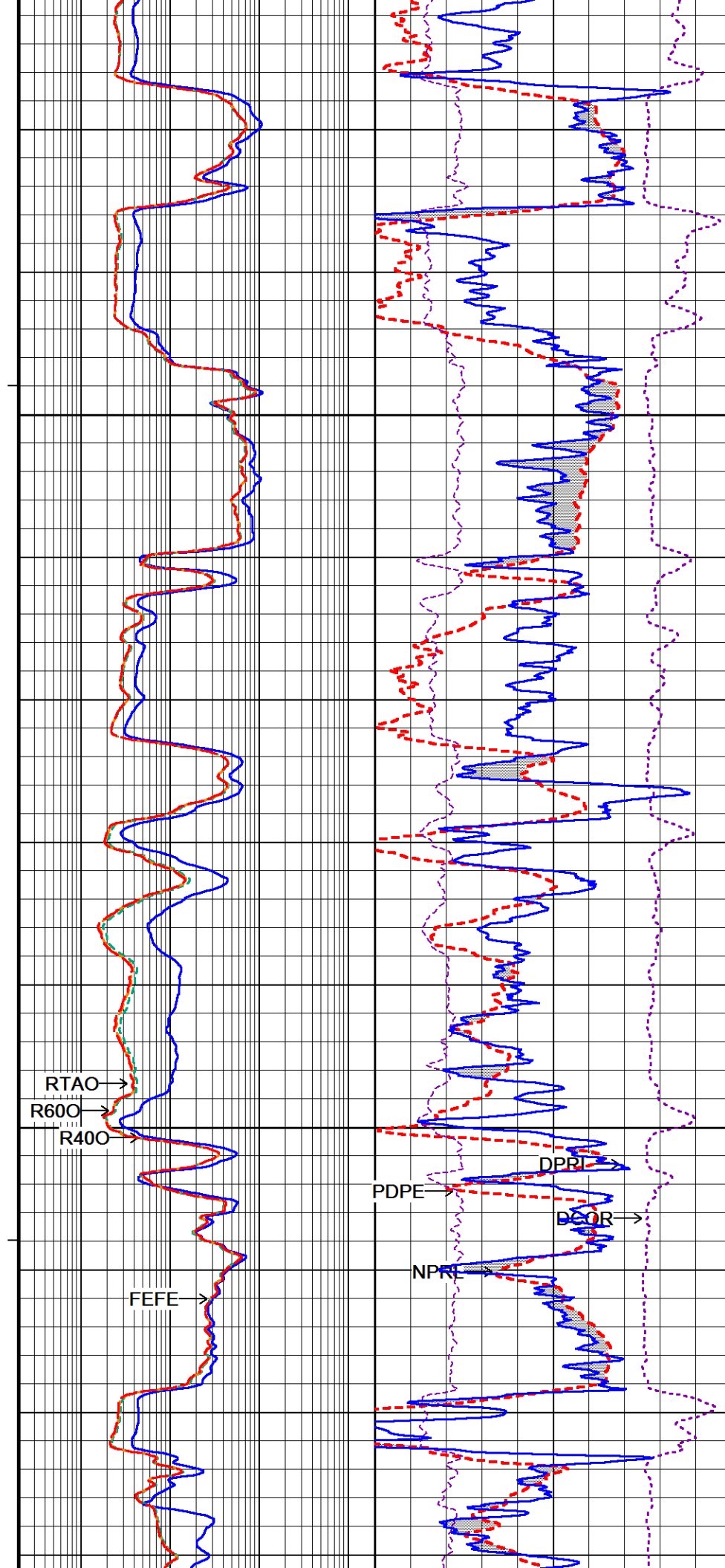
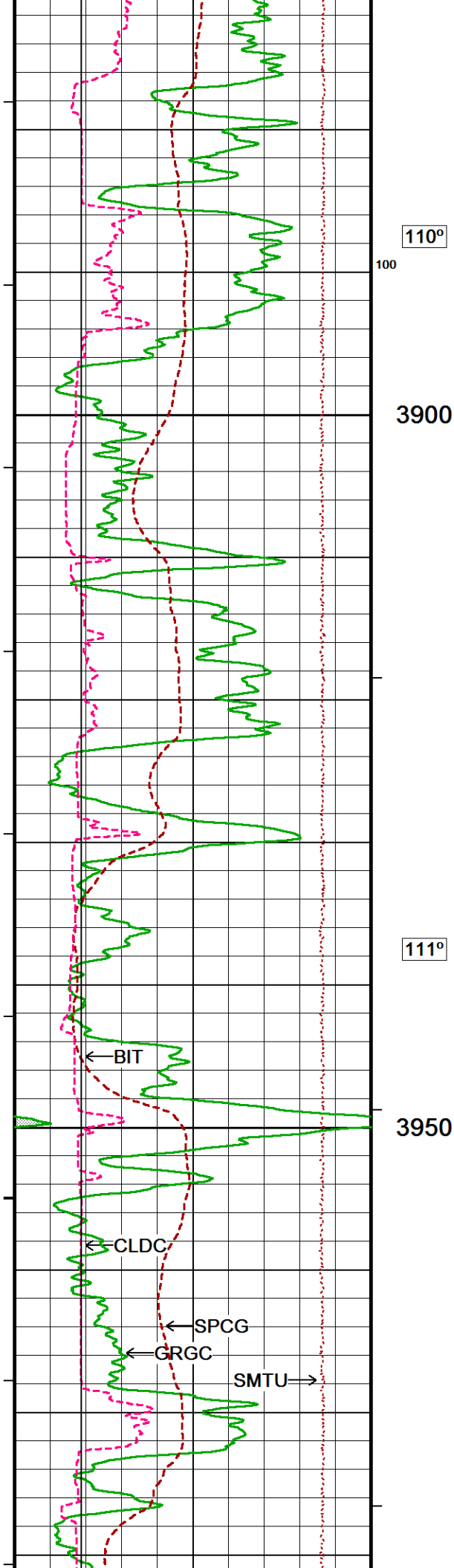
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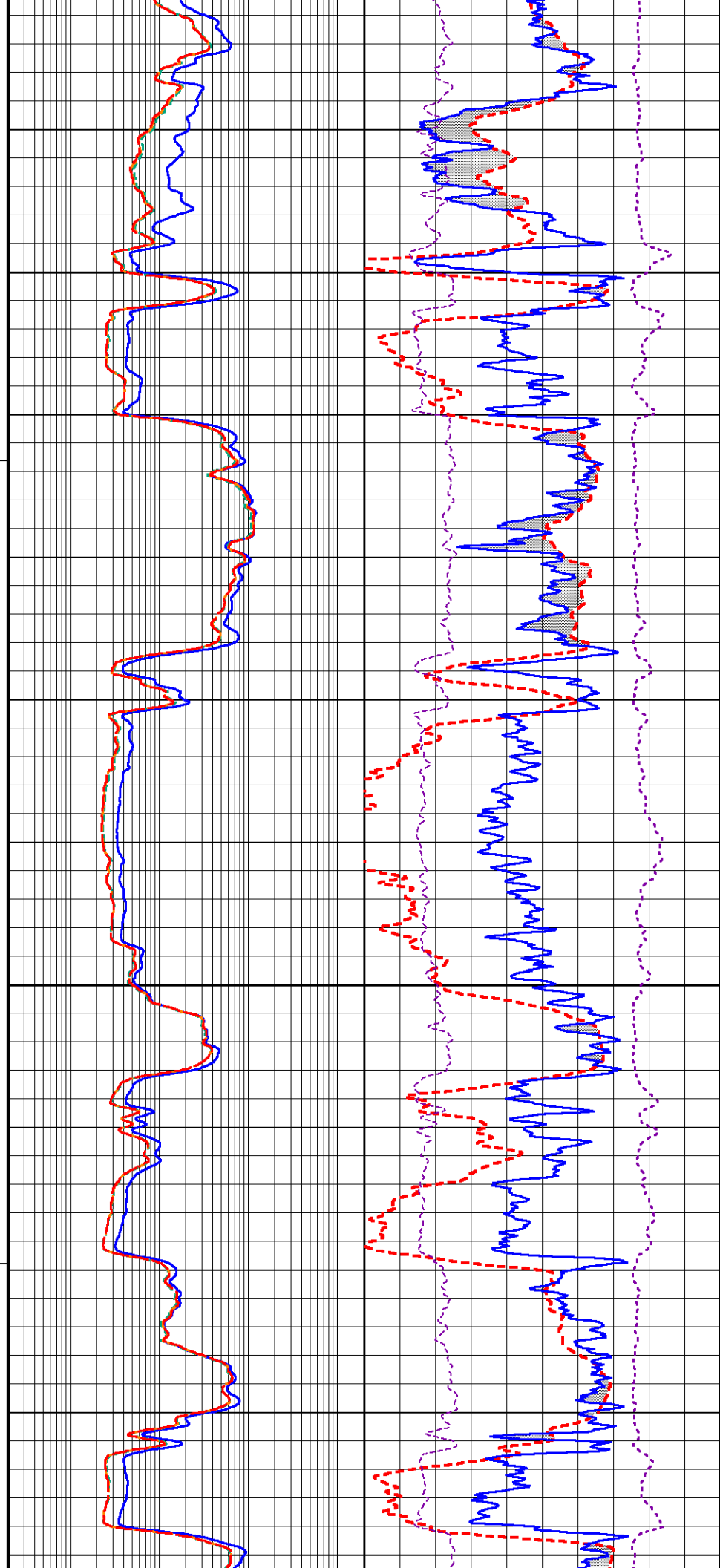
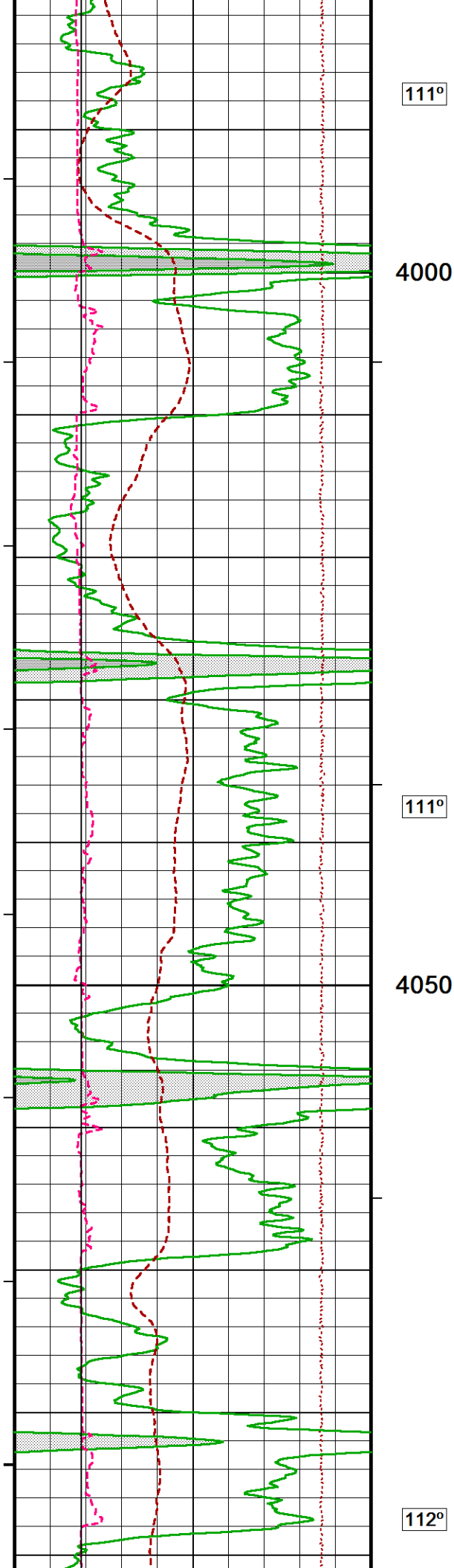
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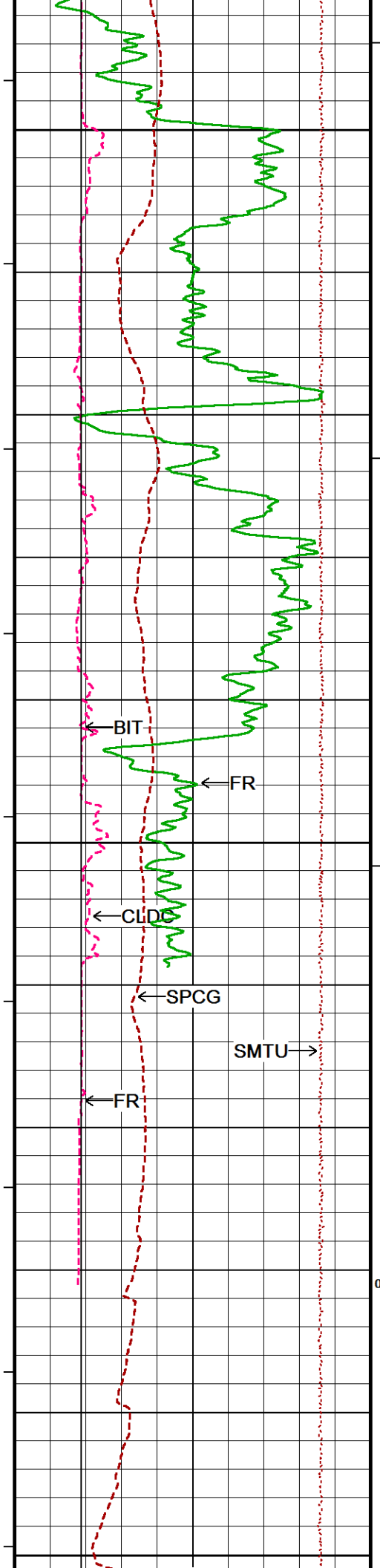
110°

3850









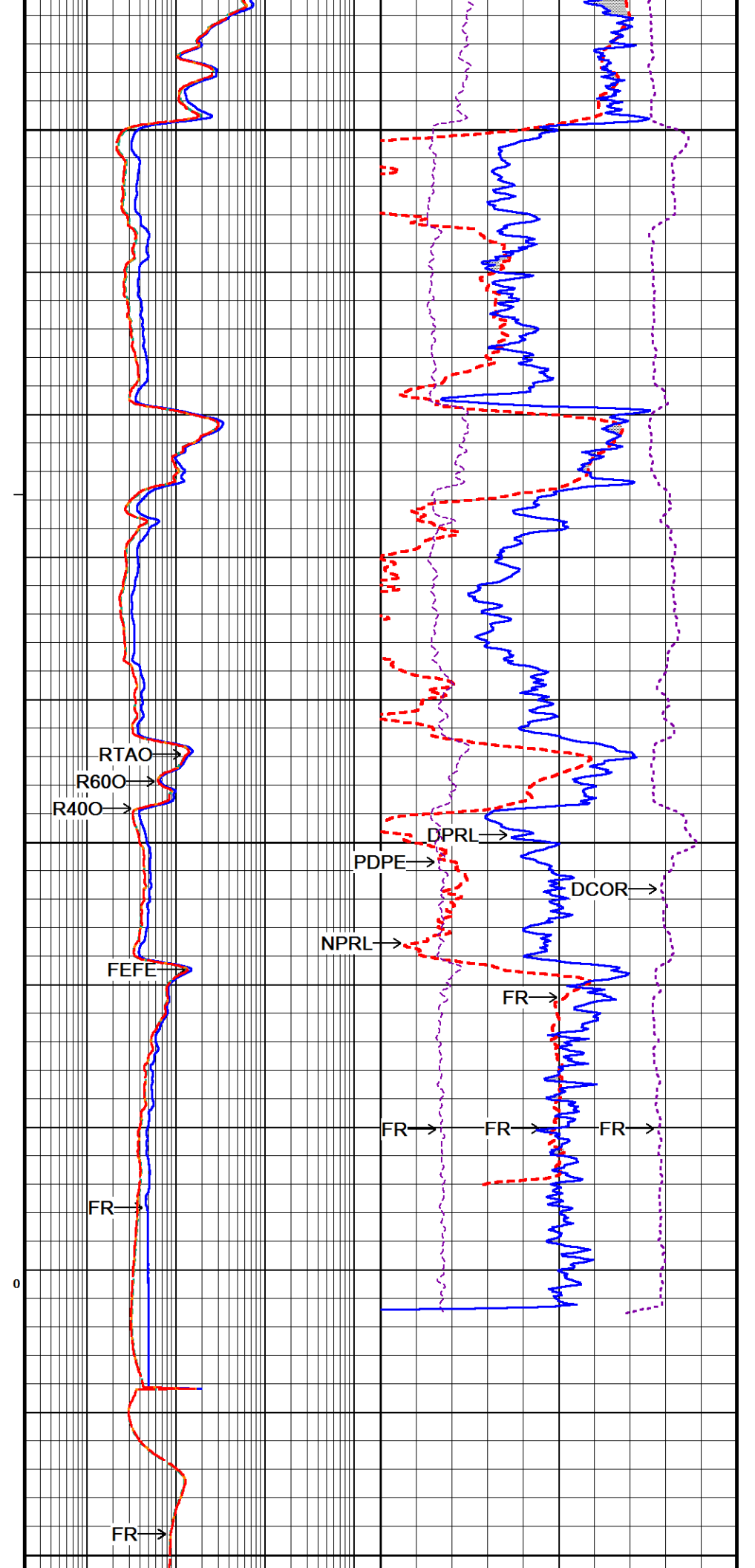
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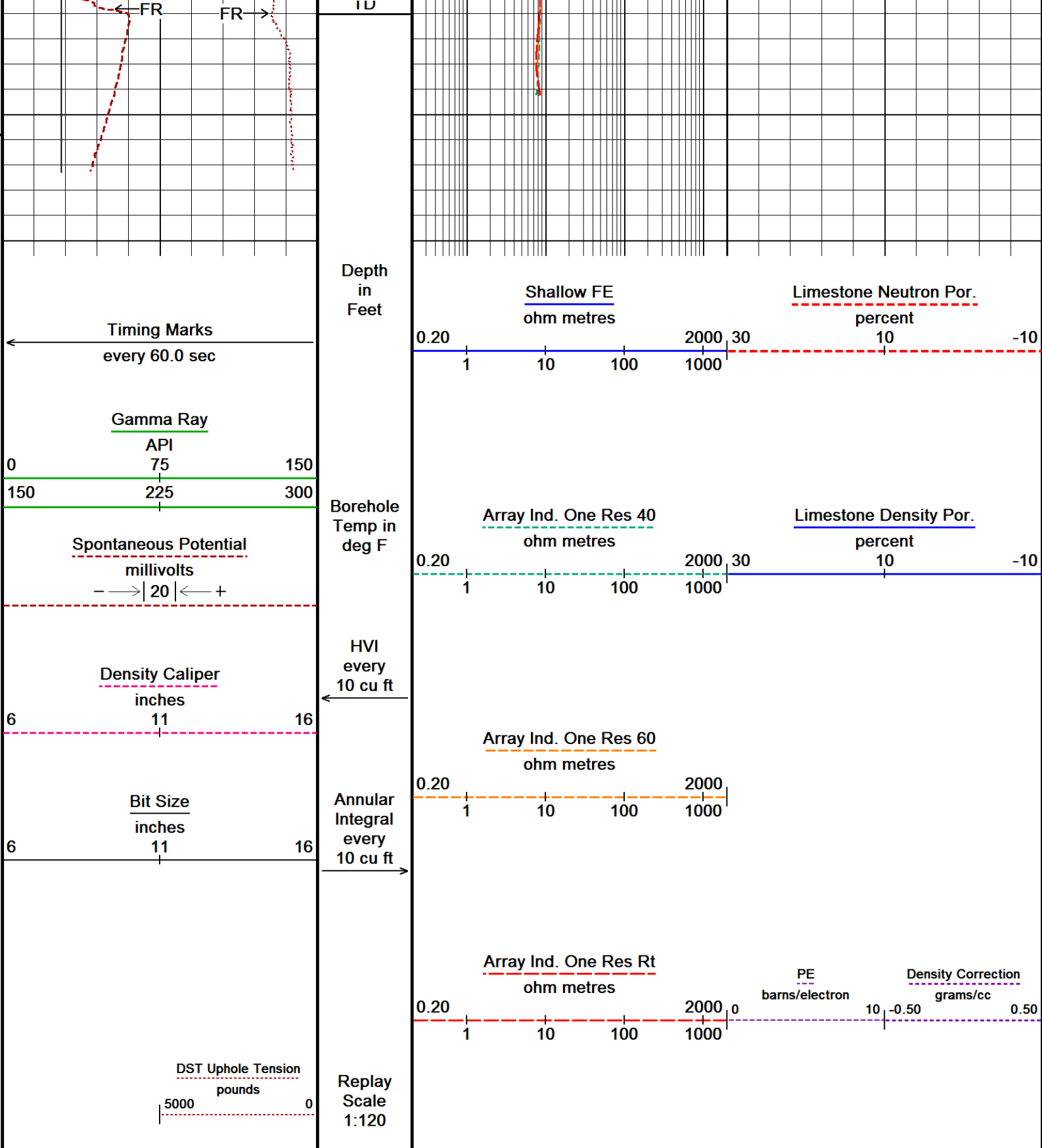
113°

4150

0

4200





Depth Based Data - Maximum Sampling Increment 2.5cm
Filename: C:\Minimus 15.03.5939\Logs\Suemaurn Sha...\Suemaurn Shawn Spesser Trust #1-26_001.dta
System Versions: Logged with 15.03.5939 Plotted with 15.03.5939
Plotted on 21-AUG-2016 14:04
Recorded on 21-AUG-2016 10:42

10 INCH HIGH RESOLUTION COMPOSITE

BEFORE SURVEY CALIBRATION
C:\Minimus 15.03.5939\Logs\Suemaurn Shawn Spesser Trust #1-26\Suemaurn Shawn Spesser Trust #1-26_002.dta
General Constants All 000
Last Edited on 21-AUG-2016,10:17

General Parameters		
Mud Resistivity	0.900	ohm-metres
Mud Resistivity Temperature	75.000	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	Density Caliper	
HVOL Caliper 2	N/A	
Annular Volume Diameter	5.500	inches
Caliper for Differential Caliper	None	
Rwa Parameters		
Porosity used	Base Density Porosity	
Resistivity used	Array Ind. One Res Rt	
RWA Constant A	0.610	
RWA Constant M	2.150	
SW/APOR Tool Source	0.000	

Down-hole Tension Calibration SMS 0			Field Calibration on 24-JUL-2016 15:20
Reading No	Measured	Calibrated (lbs)	
1	15235.81	0.00	
2	16026.61	481.00	

Gamma Calibration MCG-C 123			Field Calibration on 20-AUG-2016 22:09
	Measured	Calibrated (API)	
Background	71	49	
Calibrator (Gross)	733	505	
Calibrator (Net)	662	456	

Gamma Calibration Tolerances MCG-C 123		
Ratio	1.451	1.40 1.475 1.55 Counts/API

Gamma Constants MCG-C 123			Last Edited on 21-AUG-2016,08:56
Gamma Calibrator Number	MCGGRCC141		
GRC-M Calibrator Jig in Use?	NO		
Inactive Background Jig in Use?	NO		
Mud Density	1.10	gm/cc	
Caliper Source for Processing	Density Caliper		
Tool Position	Eccentred		
Potassium Equivalence	Chloride		
K Mud Concentration	0.00	%	

High Resolution Temperature Calibration MCG-C 123			Field Calibration on 31-OCT-2015,17:05
	Measured	Calibrated(Deg F)	
Lower	50.00	50.00	
Upper	100.00	100.00	

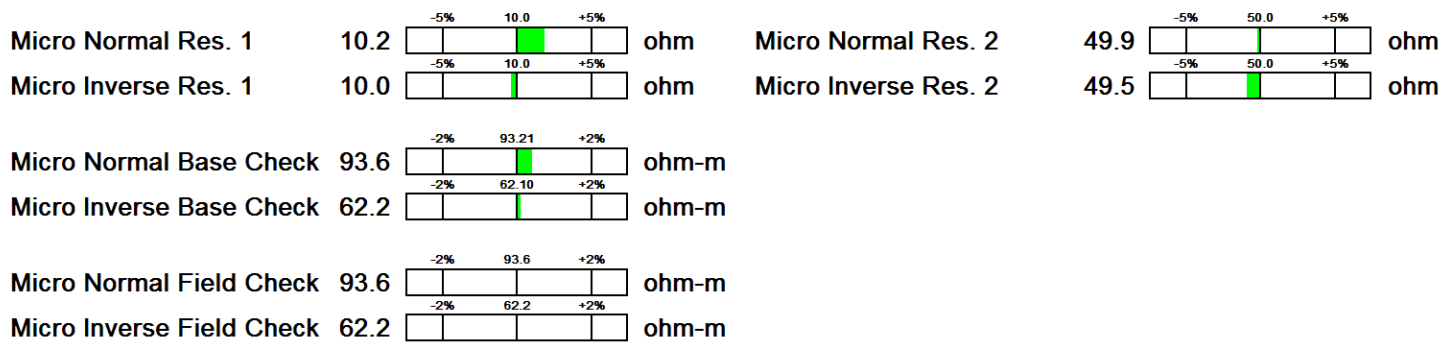
High Resolution Temperature Constants MCG-C 123			Last Edited on 22-SEP-2015,11:43
Pre-filter Length	11		

SP Calibration MCG-C 123			Field Calibration on 14-JUL-2016 12:06
	Measured	Calibrated (mV)	
Reference 1	101.2	100.6	
Reference 2	-99.1	-99.9	

Micro Normal and Micro Inverse Calibration MMR-C.A 247			Base Calibration on 22-MAY-2016 16:59
Base Calibration			Field Check on 21-AUG-2016 10:03
	Measured	Calibrated (ohm-m)	
Channel	Resistor 1 Resistor 2	Resistor 1 Resistor 2	
Micro Normal	10.2 49.9	5.1 25.6	
Micro Inverse	10.0 49.5	3.4 16.9	
Channel	Base Check (ohm-m)	Field Check (ohm-m)	

Micro Normal	93.6	93.6
Micro Inverse	62.2	62.2

Micro Normal & Micro Inverse Calibration Tolerance MMR-C.A 247



Micro Normal and Micro Inverse Constants MMR-C.A 247

Last Edited on 26-JUN-2016,15:44

Pad Type 8-12 in Soft Rubber Inflatable 006-9011-159
 Micro Normal K Factor 0.5110
 Micro Inverse K Factor 0.3380
 Standoff Offset 0.0000 inches

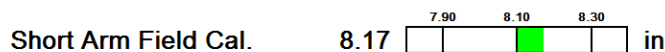
Caliper Calibration MMR-C.A 247

Base Calibration on 22-MAY-2016 16:40
 Field Calibration on 21-AUG-2016 10:02

Base Calibration		
Reading No	Measured	Calibrator Size (in)
1	14762	5.98
2	18067	7.97
3	21325	9.86
4	25277	11.92
5	0	0.00
6	N/A	N/A

Field Calibration		
	Measured Caliper (in)	Actual Caliper (in)
	8.17	8.10

Caliper Calibration Tolerances MMR-C.A 247



Micro-Resistivity Caliper Constants MMR-C.A 247

Last Edited on

Sonde Configuration Resistivity Mode

Neutron Calibration MDN-A.B 66

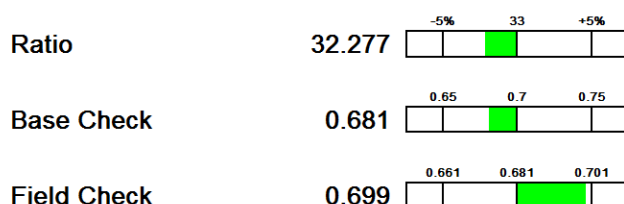
Base Calibration on 22-MAY-2016,18:15
 Field Check on 20-AUG-2016 22:15

Base Calibration					
	Measured		Calibrated (cps)		
	Near	Far	Near	Far	
Ratio	3116	97	3714	110	
	32.277		33.764		

Field Calibrator at Base		
	Calibrated (cps)	
Ratio	2061	3028
	0.681	

Field Check		
	Calibrated (cps)	
Ratio	2179	3117
	0.699	

Neutron Calibration Tolerances MDN-A.B 66



Neutron Constants MDN-A.B 66

Last Edited on 21-AUG-2016 08:56

Neutron Source Id	P0204NN	
Neutron Jig Number	NJ5736	
Air Hole Processing	Legacy	
Caliper Source for Processing	Density Caliper	
Stand-off	0.00	inches
Mud Density	1.00	gm/cc
Limestone Sigma	7.10	cu
Sandstone Sigma	4.26	cu
Dolomite Sigma	4.70	cu
Formation Pressure Source	None	
Formation Pressure	N/A	kpsi
Temperature Source	Constant Value	
Temperature	68.00	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	Not Applied	

FE Calibration MFE-B.J 352

 Base Calibration on 22-MAY-2016 16:12
 Field Check on 21-AUG-2016 09:46

Base Calibration

	Measured	Calibrated (ohm-m)
Reference 1	0.0	0.0
Reference 2	972.3	126.8
Base Check		278.7
Field Check		279.0

FE Calibration Tolerances MFE-B.J 352

Reference 2	972.3	-3% 980.0 +3%	ohm
Base Check	278.7	-2% 277.0 +2%	ohm-m
Field Check	279.0	-2% 278.7 +2%	ohm-m

FE Constants MFE-B.J 352

Last Edited on 21-AUG-2016,09:45

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	

Sonic Constants MSS-A.A 55

Last Edited on 21-AUG-2016,08:55

Maximum Boundary Contrast	100.00	micro-sec/ft
Fluid Transit Time	189.00	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	Compensated
Hole Type	Open Hole

Sonde Parameters

Measured Calibrated

Offset	Measured	Calibrated
Free Pipe	N/A	0.0000
Peak Amplitude Source	N/A	N/A

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	N/A	
Start Time (micro-sec)	End Time (micro-sec)	Discriminator (mV)
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Full Waveform Parameters

Use 3' Waveform to derive TR	N/A
Use 4' Waveform to derive TR	N/A
Use 5' Waveform to derive TR	N/A
Use 6' Waveform to derive TR	N/A
3' Waveform Discriminator Level	N/A mV
4' Waveform Discriminator Level	N/A mV
5' Waveform Discriminator Level	N/A mV
6' Waveform Discriminator Level	N/A mV
3' Waveform Filter	N/A
4' Waveform Filter	N/A
5' Waveform Filter	N/A
6' Waveform Filter	N/A
Semblance Level	N/A
Semblance Window Width	N/A micro-sec
Sonic 1 Despiker	N/A N/A
Sonic 2 Despiker	N/A N/A

Induction Calibration MAI-A.A 111

Base Calibration on 05-AUG-2014,09:34
Field Check on 21-AUG-2016 09:58

Base Calibration

Test Loop Calibration	Measured		Calibrated (mmho/m)	
Channel	Low	High	Low	High
1	17.6	473.6	9.3	966.2
2	6.4	385.9	7.6	821.4
3	3.2	264.0	5.2	566.0
4	2.1	135.5	2.6	279.2

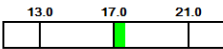
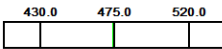
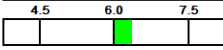
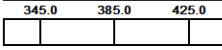
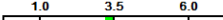
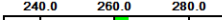
Array Temperature 23.0 Deg F

Test Loop Calibration Verified 22-MAY-2016,17:59

Channel	Base Check (mmho/m)		Field Check (mmho/m)	
	Low	High	Low	High
1	12.1	3873.0	15.3	3872.9
2	29.8	3528.1	31.9	3527.2
3	29.1	3021.3	30.8	3020.5
4	19.1	2058.5	20.3	2058.0
Deep	17.7	1962.1	18.9	1961.7
Medium	43.1	3976.4	45.2	3975.1
Shallow	44.4	5232.7	47.6	5231.2

Array Temperature 65.8 83.9 Deg F

Induction Calibration Tolerances MAI-A.A 111

Low Conductivity 1	17.6		mmho/m High Conductivity 1	473.6		mmho/m
Low Conductivity 2	6.4		mmho/m High Conductivity 2	385.9		mmho/m
						

Low Conductivity 3	3.2		mmho/m High Conductivity 3	264.0		mmho/m
Low Conductivity 4	2.1		mmho/m High Conductivity 4	135.5		mmho/m
Background Vx 1	0.0		mmho/m Phase Check Loop 1	0.0		%
Background Vx 2	0.0		mmho/m Phase Check Loop 2	0.0		%
Background Vx 3	0.0		mmho/m Phase Check Loop 3	0.0		%
Background Vx 4	0.0		mmho/m Phase Check Loop 4	0.0		%

Induction Constants MAI-A.A 111

Last Edited on 21-AUG-2016,09:57

Induction Model

RtAP-WBM

Borehole Correction Constants

Tool Centred	No
Hole Size Source	Density Caliper
Hole Size Constant Value	N/A inches
Stand-off Type	Fins
Stand-off	0.50 inches
Number of Fins on Stand-off	8.0000
Stand-off Fin Angle	45.00 degrees
Stand-off Fin Width	0.5000 inches
Rm Source	Global Value: Temperature Corrected
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

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 Mud Filtrate for Sw	0.00 ohm-m
Source for Rt	0.00
Source for Rxo	0.00

High Resolution Temperature Calibration MAI-A.A 111

Field Calibration on 24-NOV-2014,10:23

	Measured	Calibrated(Deg F)
Lower	10.00	10.00
Upper	100.00	100.00

High Resolution Temperature Constants MAI-A.A 111

Last Edited on 26-JUN-2014,15:06

Pre-filter Length	11
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Photo Density Calibration MPD-B 104

Base Calibration on 22-MAY-2016 17:45

Field Check on 21-AUG-2016 09:50

Density Calibration

Base Calibration	Measured	Calibrated (adu)
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Base Calibration		Measured	Calibrated (SDU)
		Near	Far
Background		1148	1338
Reference 1		49789	23977
Reference 2		20127	2423
Field Check at Base			
		1148.2	1337.6
Field Check			
		1142.2	1327.0
PE Calibration			
Base Calibration		Measured	Calibrated
	WS	WH	Ratio
Background	211	1025	
Reference 1	20854	49612	0.425
Reference 2	5819	19993	0.296
Field Check at Base			
	211.2	1025.1	
Field Check			
	208.5	1020.6	

Photo Density Calibration Tolerances MPD-B 104			
Near Density Ratio	2.56	-5% 2.52 +5%	Far Density Ratio
PE Calibration	0.121	0.089 0.110 0.131	20.85
Near Den. Field Check	1142.2	-3% 1148.2 +3%	Far Den. Field Check
PE WS Field Check	208.5	-6% 211.2 +6%	1327.0
			1020.6

Density Constants MPD-B 104		Last Edited on 21-AUG-2016,09:50	
Density Source Id	P50557B		
Nylon Calibrator Number	DNCE695		
Aluminium Calibrator Number	DACD698		
Density Shoe Profile	8 inch		
Caliper Source for Processing	Density Caliper		
PE Correction to Density	Not Applied		
Mud Density	1.10	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)		
2.71	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-B 104		Base Calibration on 22-MAY-2016 17:26 Field Calibration on 21-AUG-2016 10:00	
Base Calibration			
Reading No	Measured	Calibrator Size (in)	
1	13598	3.99	
2	22432	5.98	
3	31029	7.97	
4	39246	9.86	
5	48339	11.92	
6	N/A	N/A	

Field Calibration

Measured Caliper (in)
8.10Actual Caliper (in)
8.10

Caliper Calibration Tolerances MPD-B 104

Short Arm Field Cal. 8.10

7.90	8.10	8.30
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 in

DOWNHOLE EQUIPMENT

C:\Minimus 15.03.5939\Logs\Suemaaur Shawn Spesser Trust #1-26\Suemaaur Shawn Spesser Trust #1-26_002.dta

Cablehead, 11 pin

CBH-CA 176 LG: 2.40 ft WT: 24.3 lb OD: 2.244 in

Compact Comms Gamma

MCG-C 123 LG: 8.70 ft WT: 63.9 lb OD: 2.244 in

Compact Micro-Resistivity

MMR-C.A 247 LG: 8.59 ft WT: 81.6 lb OD: 4.882 in

Compact Neutron

MDN-A.B 66 LG: 5.04 ft WT: 50.7 lb OD: 2.244 in

Compact Density/Caliper

MPD-B 104 LG: 9.59 ft WT: 90.4 lb OD: 2.449 in

Compact Focussed Electric

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

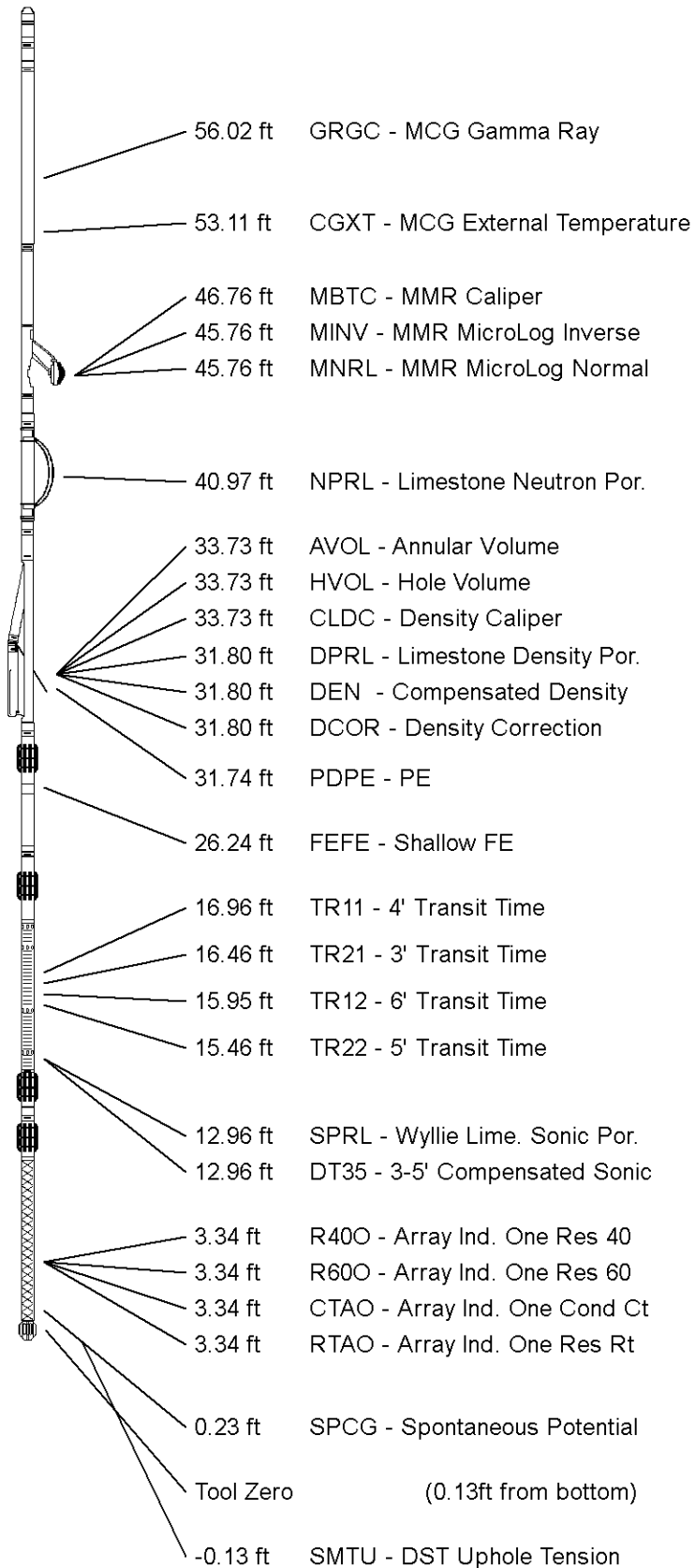
Compact Sonic

MSS-A.A 55 LG: 12.52 ft WT: 72.8 lb OD: 2.244 in

Compact Induction

MAI-A.A 111 LG: 10.81 ft WT: 48.5 lb OD: 2.244 in

Total Length: 63.70 ft Weight: 480.6 lb



COMPANY	SUEMAUR EXPLORATION & PRODUCTION, LLC
WELL	SHAWN SPESSER TRUST #1-26
FIELD	REJUVENATION
PROVINCE/COUNTY	SHERIDAN
COUNTRY/STATE	U.S.A. / KANSAS

Elevation Kelly Bushing	2735.00	feet	First Reading	4199.00	feet
Elevation Drill Floor	2733.00	feet	Depth Driller	4200.00	feet
Elevation Ground Level	2730.00	feet	Depth Logger	4202.00	feet



ARRAY INDUCTION
NEUTRON/DENSITY
COMPOSITE LOG

Weatherford[®]