

Company: Lamont Doherty

Well: ODP Leg 207 Site 1260B

Field: Demarara Rise

Country: Venezuela

Ocean: Atlantic

Country: Venezuela
Field: Demarara Rise
Location: 9.2656 Deg North, 54.54419 Deg West
Well: ODP Leg 207 Site 1260B
Company: Lamont Doherty

Phasor Induction HLDS Density/ APS Porosity Natural Gamma Ray

9.2656 Deg North, 54.54419 Deg West		Elev.: K.B. 11.3 m
		G.L. -2560 m
		D.F. 11 m
Permanent Datum:	MSL	Elev.: 0 m
Log Measured From:	DES	11.3 m above Perm. Datum
Drilling Measured From:	DES	

API Serial No.	Max. Hole Devi.	Longitude	Latitude
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Logging Date: 11-Feb-2003

Run Number: 1

Depth Driller: 3069 m

Schlumberger Depth: 3067 m

Bottom Log Interval: 3061 m

Top Log Interval: 2553 m

Casing Driller Size @ Depth: 0.000 in @ 2650 m

Casing Schlumberger: 2636 m

Bit Size: 9.875 in

Type Fluid In Hole: Sepolite Salt Water

Density: 1.1 g/cm3

Fluid Loss: PH

Source Of Sample: Mudpit

RM @ Measured Temperature: 0.258 ohm.m @ 32 degC

RMF @ Measured Temperature: @ @

RMC @ Measured Temperature: @ @

Source RMF: RMC

RM @ MRT: RMF @ MRT 0.363 @ 17 @ 17 @ @

Maximum Recorded Temperatures: 17 degC

Circulation Stopped Time: 11-Feb-2003 19:02

Logger On Bottom Time: 99 Location: Houston, TX ODP

Unit Number: K. Swain

Recorded By: B. Rea, F. Heidersdorf

Run 1	Run 2	Run
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Logging Date	Run Number	Depth Driller	Schlumberger Depth	Bottom Log Interval	Top Log Interval	Casing Driller Size @ Depth	Casing Schlumberger	Bit Size	Type Fluid In Hole	Density	Fluid Loss	PH	Source Of Sample	RM @ Measured Temperature	RMF @ Measured Temperature	RMC @ Measured Temperature	Source RMF	RM @ MRT	RMF @ MRT	Maximum Recorded Temperatures	Circulation Stopped Time	Logger On Bottom Time	Unit Number	Location	Recorded By	Witnessed By
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Logging Date	Run Number	Depth Driller	Schlumberger Depth	Bottom Log Interval	Top Log Interval	Casing Driller Size @ Depth	Casing Schlumberger	Bit Size	Type Fluid In Hole	Density	Fluid Loss	PH	Source Of Sample	RM @ Measured Temperature	RMF @ Measured Temperature	RMC @ Measured Temperature	Source RMF	RM @ MRT	RMF @ MRT	Maximum Recorded Temperatures	Circulation Stopped Time	Logger On Bottom Time	Unit Number	Location	Recorded By	Witnessed By
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DISCLAIMER



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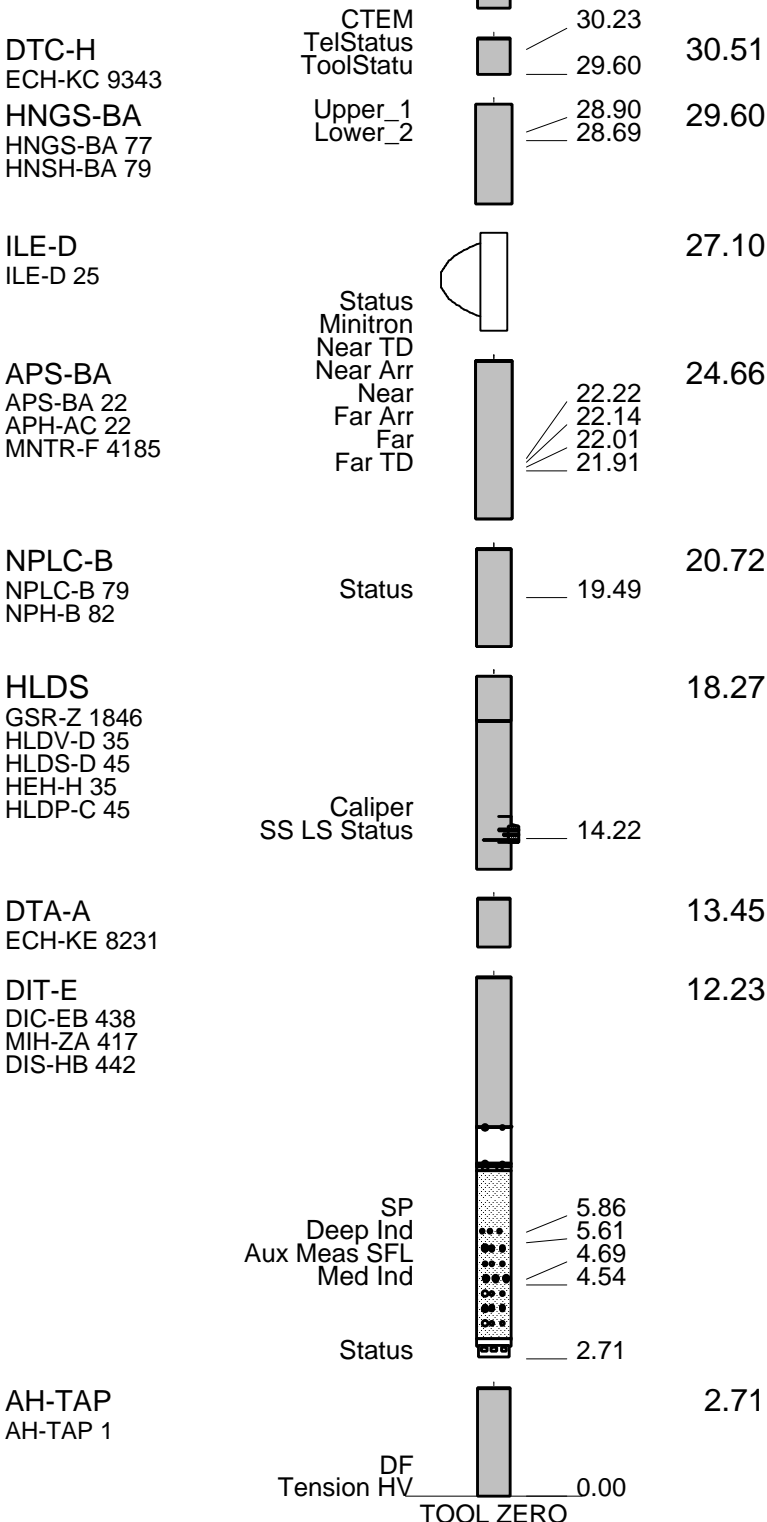
OTHER SERVICES1 OS1: FMS/LSS OS2: HLDS/APS/DITE/HNGS OS3: WST OS4: OS5:	OTHER SERVICES2 OS1: OS2: OS3: OS4: OS5:
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REMARKS: RUN NUMBER 1 Hole cored with RCB 9 7/8" bit. Sea Floor at:2553 mbrf. Log measured in meters below rig floor. Lamont TAP tool run at bottom of DITE for temperature/pressure data. Wireline heave compensator used on all runs. Sepiolite mud was used to displace the hole. Driller TD= 3069 mbrf. Schlumberger TD= 3067 mbrf. Drill pipe Schlumberger= 2636 mbrf. See Lamont TAP tool for bottom hole temperature.	REMARKS: RUN NUMBER 2
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RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION:		10C0-306	PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1		RUN 2	
SURFACE EQUIPMENT			
SFT-281 24 SFT-178 4722 GSR-U 135 WITM (DTS)-A			
DOWNHOLE EQUIPMENT			
LEH-QT		37.04	
LEH-QT 1497			
AH-MGT		36.15	
AH-MGT			



TOOL ZERO

MAXIMUM STRING DIAMETER 3.88 IN
 MEASUREMENTS RELATIVE TO TOOL ZERO
 ALL LENGTHS IN METERS

Output DLIS Files

DEFAULT	PI_LDL_APS_NGS_007LUP	FN:9	PRODUCER	11-Feb-2003 19:02	3067.8 M	2533.5 M
REDUCE	PI_LDL_APS_NGS_007LUP	FN:10	PRODUCER	11-Feb-2003 19:02	3067.8 M	2533.5 M

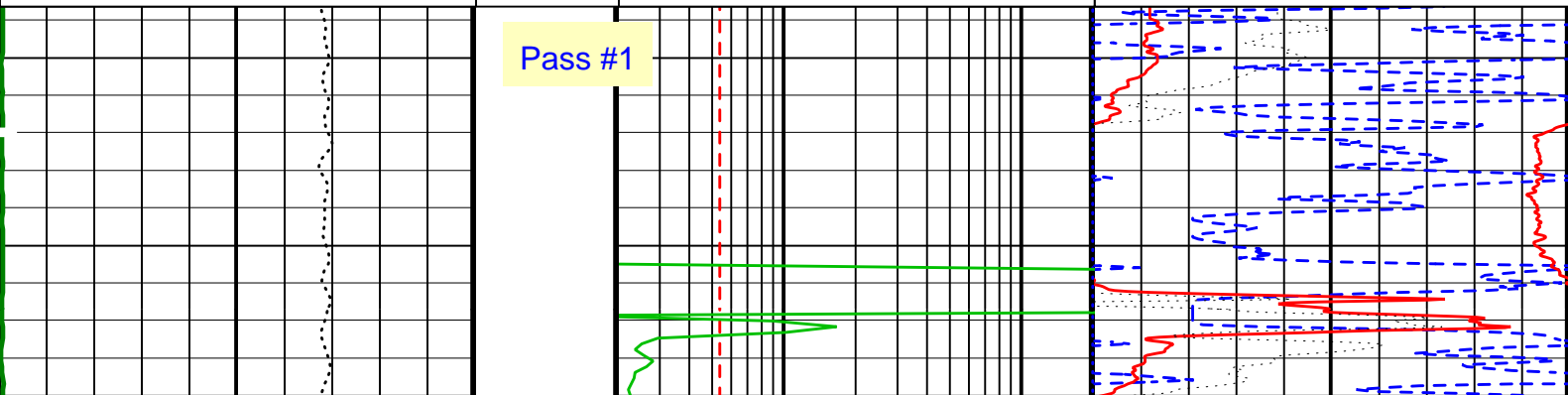
OP System Version: 10C0-306 MCM

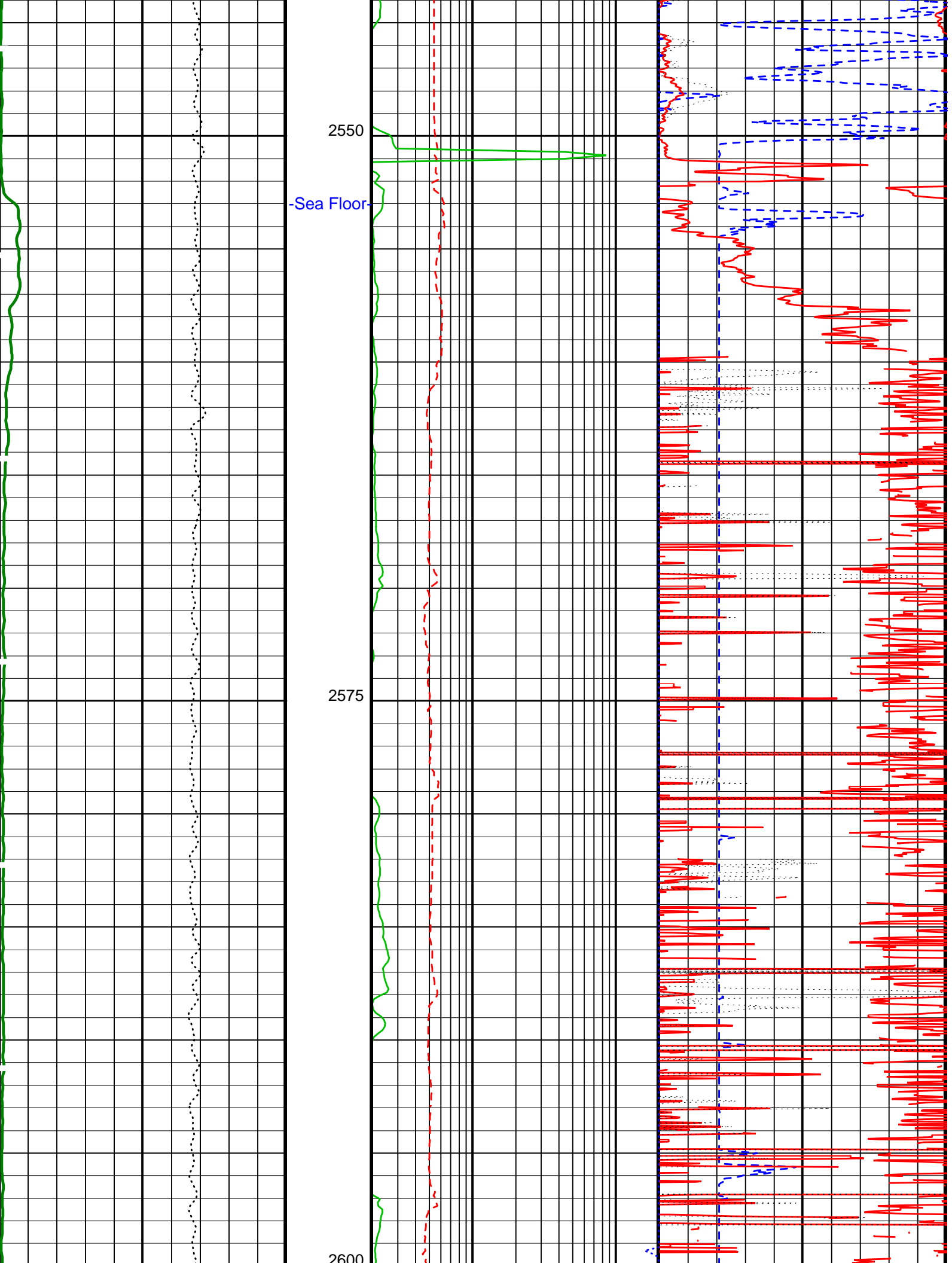
DIT-E	10C0-306	DTA-A	10C0-306
HLDS	SPC-2277-NUCL_b	NPLC-B	OP10-KP1
APS-BA	SPC-2277-NUCL_b	HNGS-BA	SPC-2277-NUCL_b
DTC-H	10C0-306		

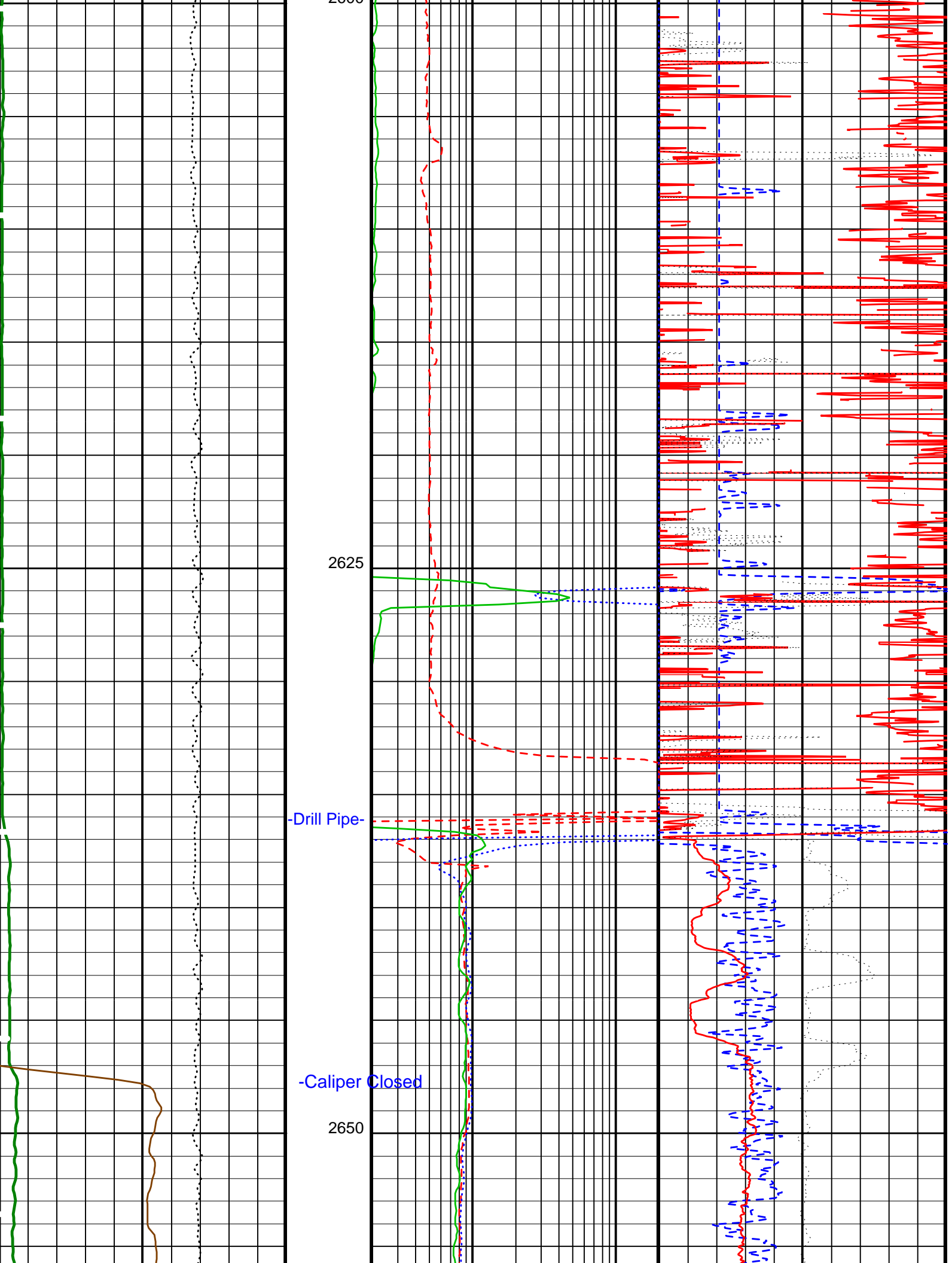
PIP SUMMARY

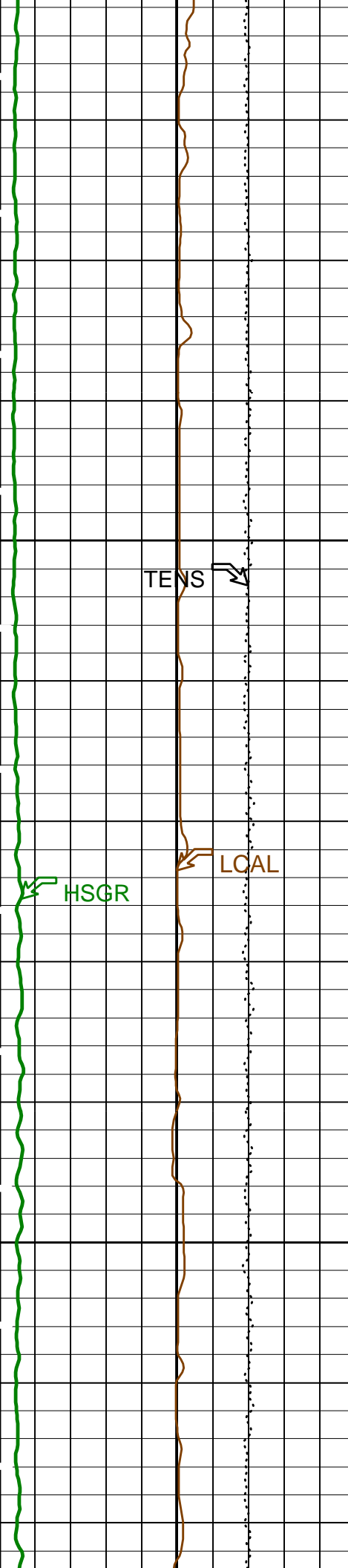
Time Mark Every 60 S

<p style="color: green; text-align: center;">HNGS Spectroscopy Gamma Ray (HSGR)</p> <p style="text-align: center;">(GAPI) 150</p> <hr style="border: 1px solid green;"/> <p style="text-align: center;">Tension (TENS)</p> <p style="text-align: center;">(LBF) 0</p> <hr style="border: 1px solid black;"/> <p style="text-align: center;">HLDS Caliper (LCAL)</p> <p style="text-align: center;">(IN) 20</p>	<p style="color: green; text-align: center;">SFL Unaveraged (SFLU)</p> <p style="text-align: center;">(OHMM) 20</p> <hr style="border: 1px solid green;"/> <p style="color: blue; text-align: center;">Medium Induction Phasor-processed Resistivity (IMPH)</p> <p style="text-align: center;">(OHMM) 20</p> <hr style="border: 1px dashed blue;"/> <p style="color: red; text-align: center;">Deep Induction Phasor-processed Resistivity (IDPH)</p> <p style="text-align: center;">(OHMM) 20</p> <hr style="border: 1px dashed red;"/>	<p style="text-align: center;">HLDS HR Bulk Density Correction (HBDC)</p> <p style="text-align: center;">(G/C3) 0.25 0.25</p> <hr style="border: 1px solid black;"/> <p style="color: red; text-align: center;">HLDS HR Bulk Density (HROM)</p> <p style="text-align: center;">(G/C3) 1 3</p> <hr style="border: 1px solid black;"/> <p style="color: blue; text-align: center;">APS HR Near/Far Corrected Limestone Porosity (HFLC)</p> <p style="text-align: center;">(PU) 100 0</p>
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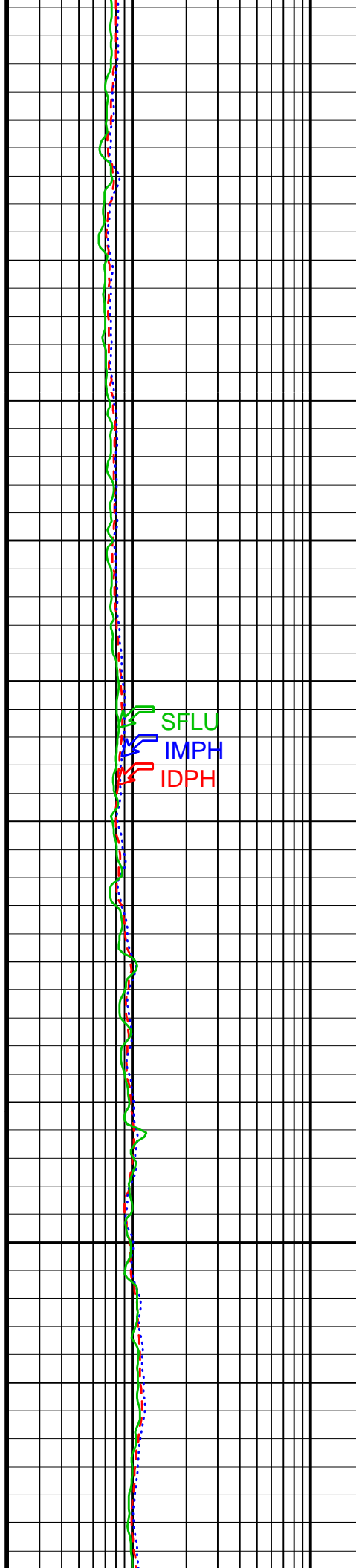
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TENS

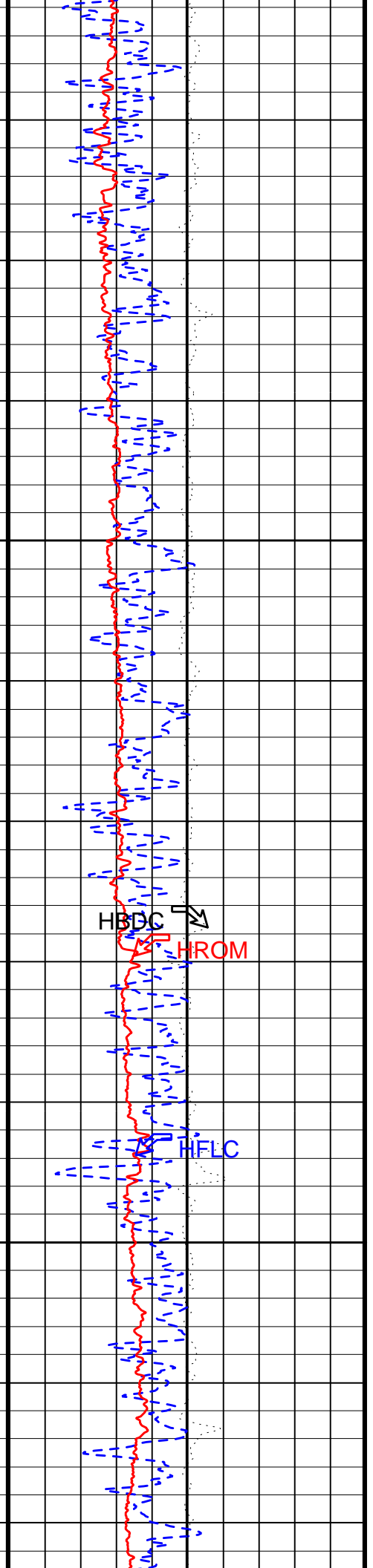
LOCAL

HSGR

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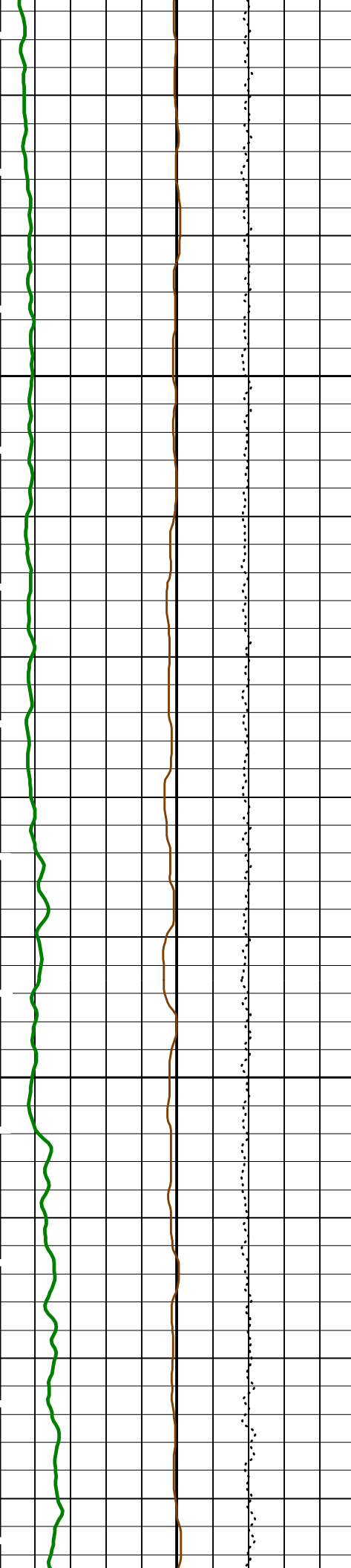


SFLU
IMPH
IDPH



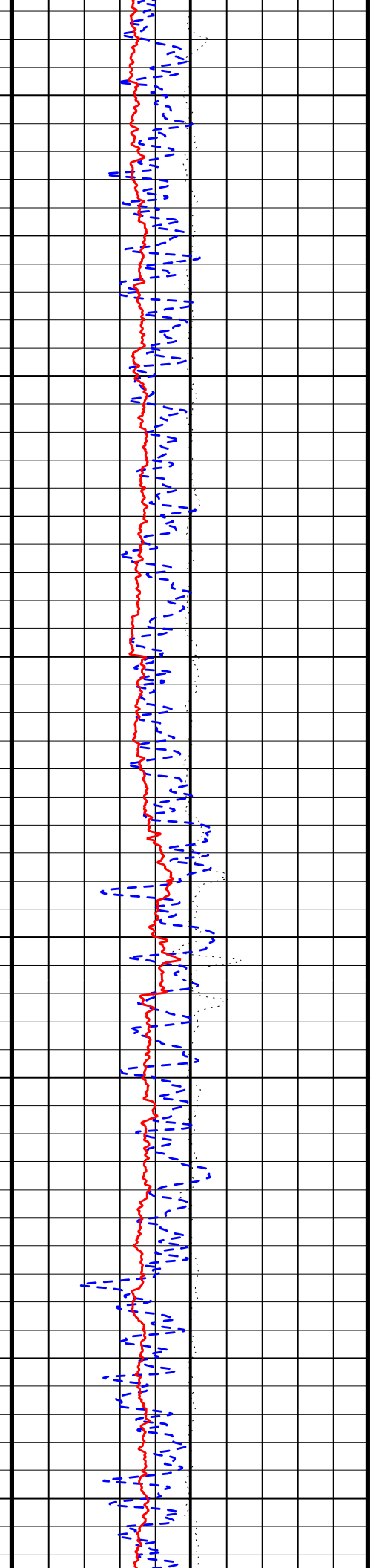
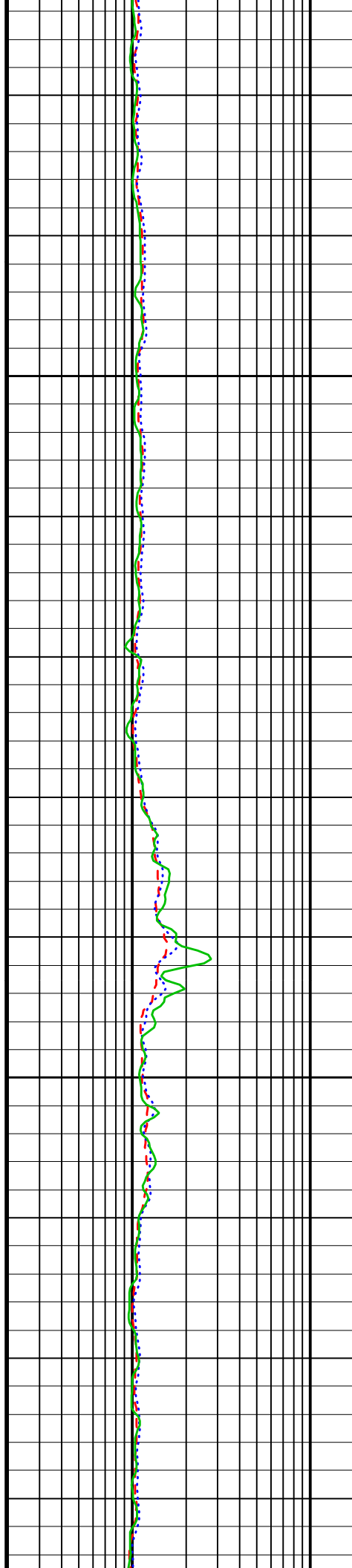
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HROM

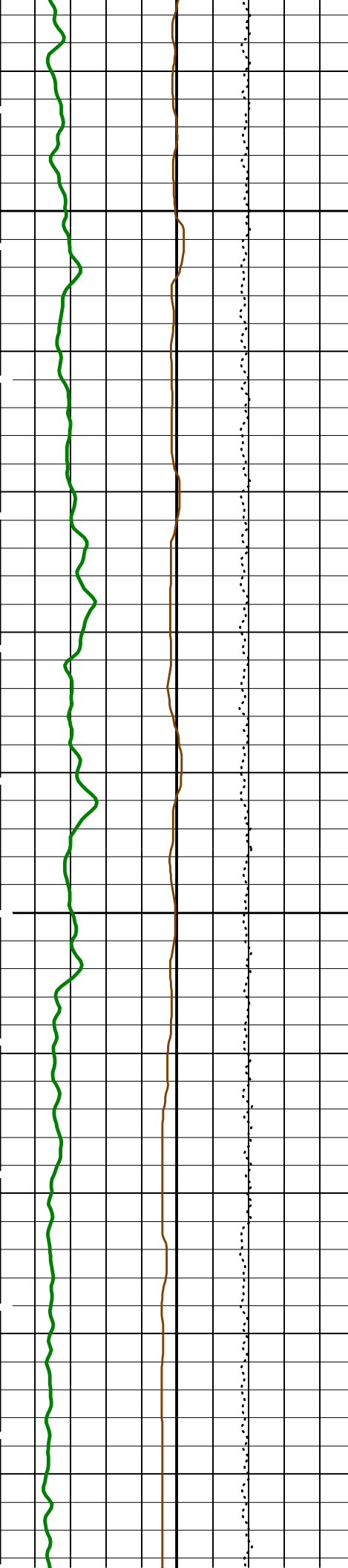
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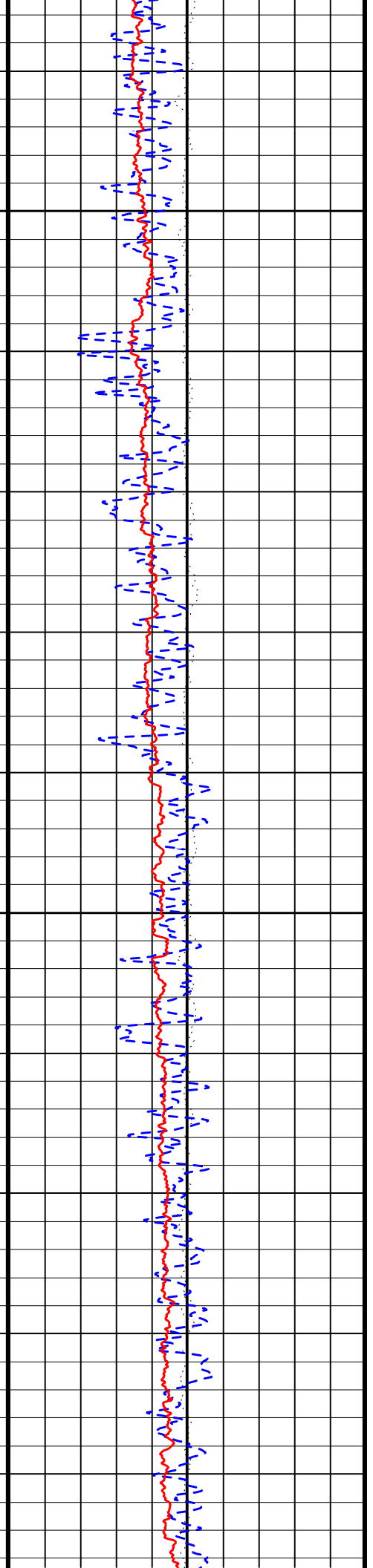
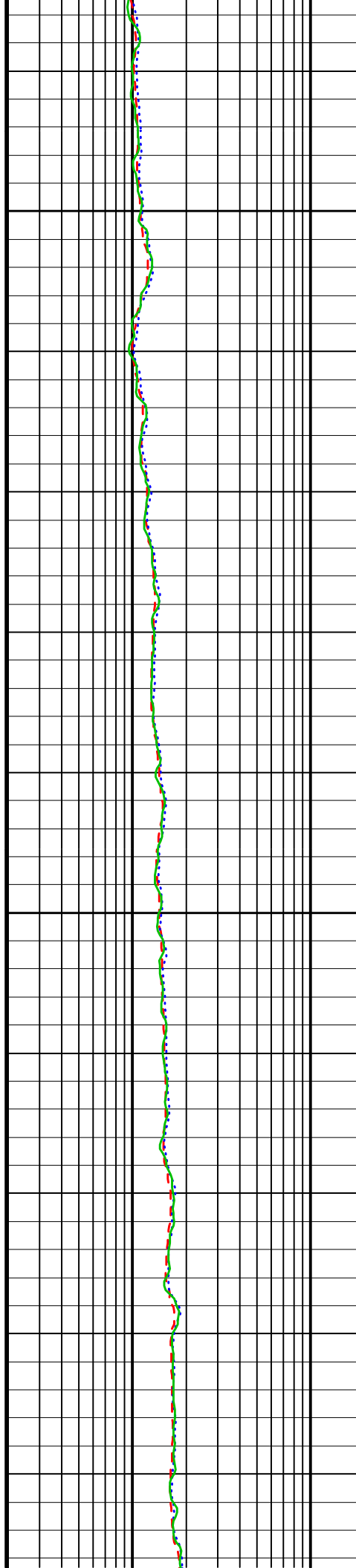
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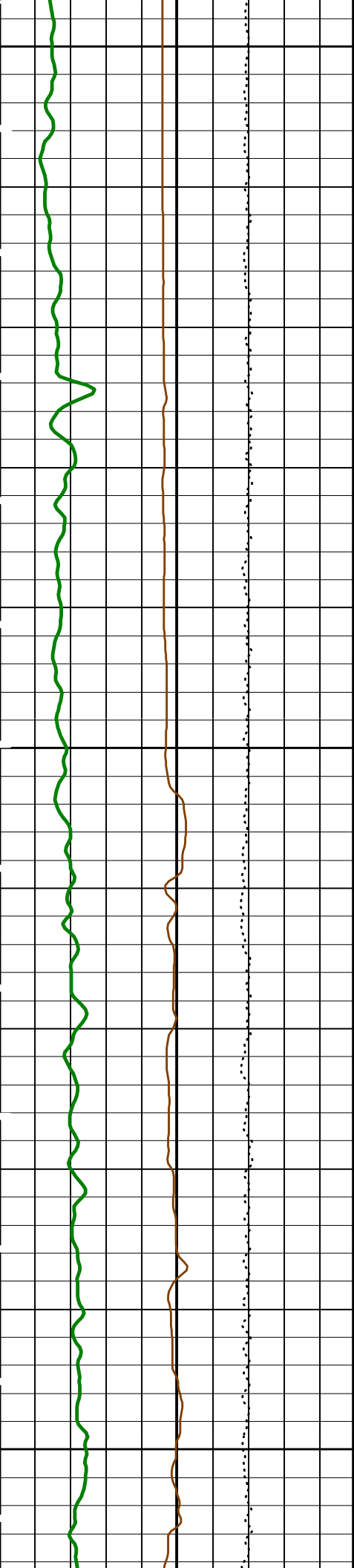




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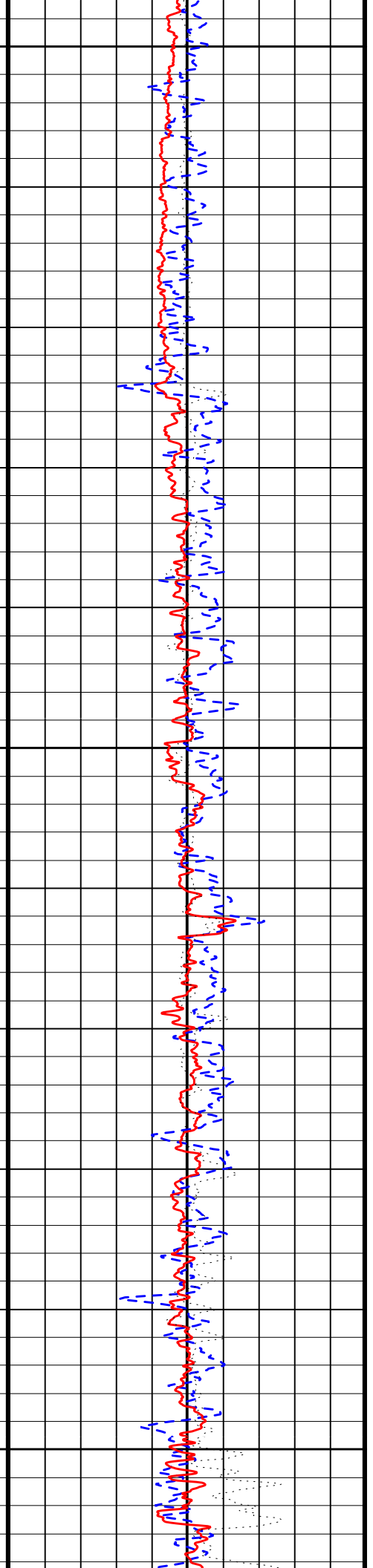
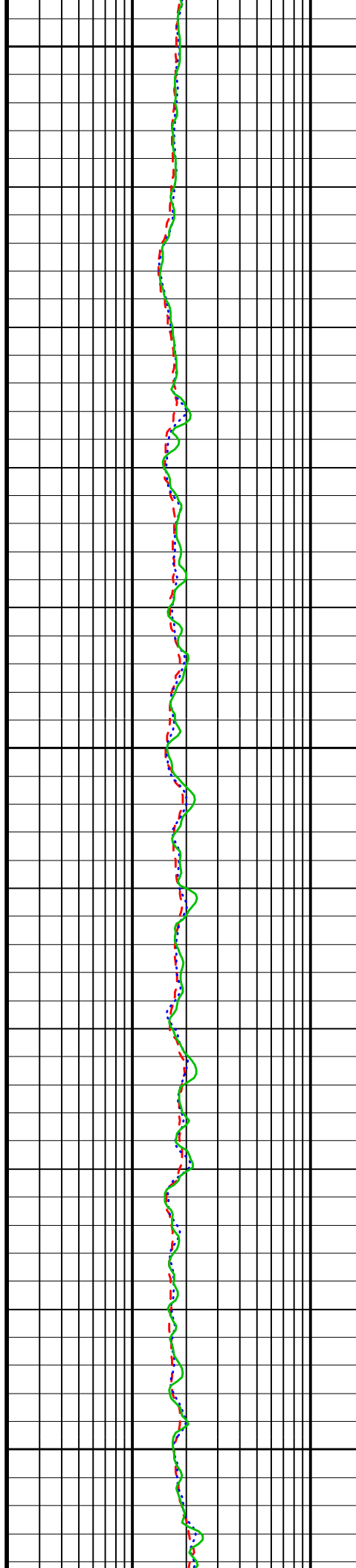


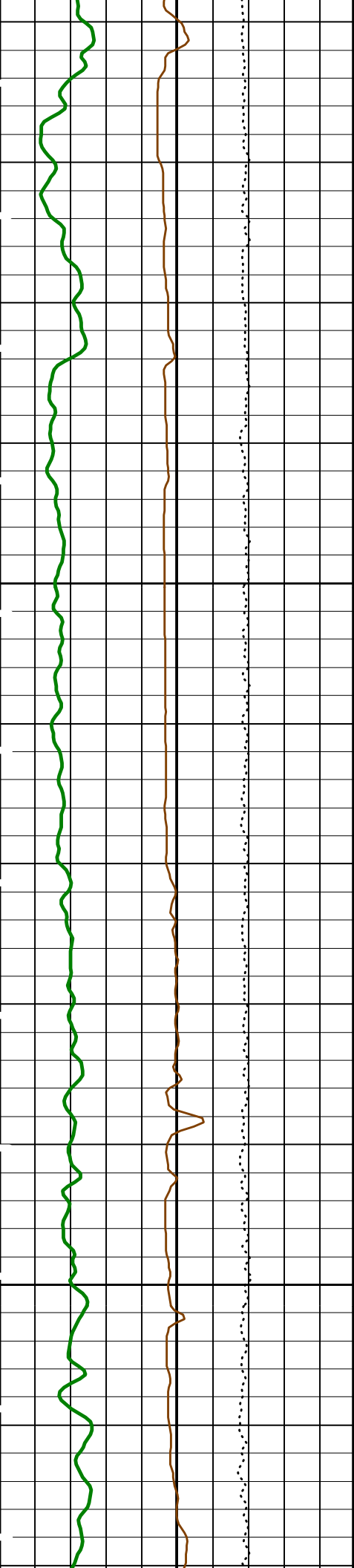


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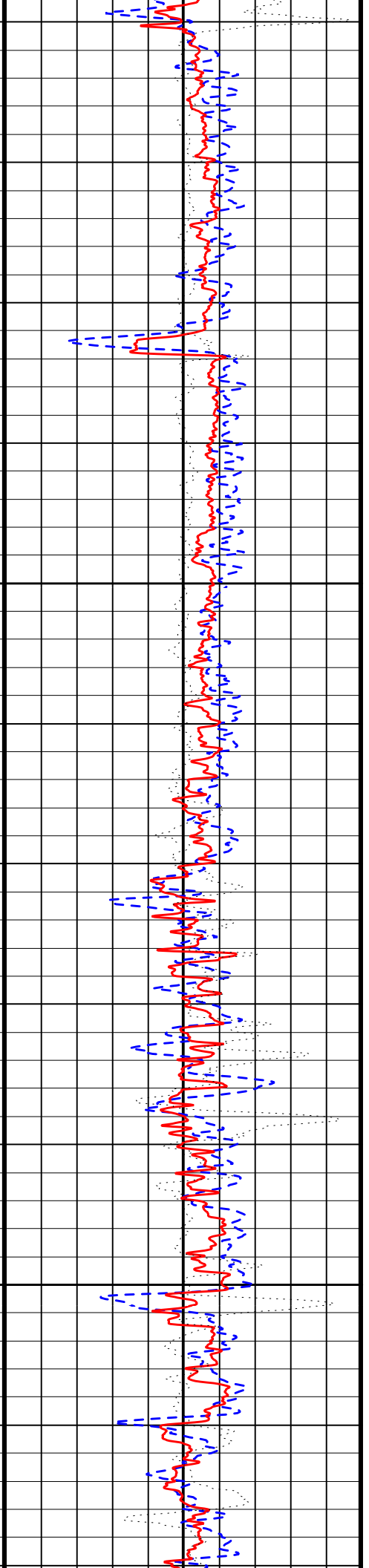
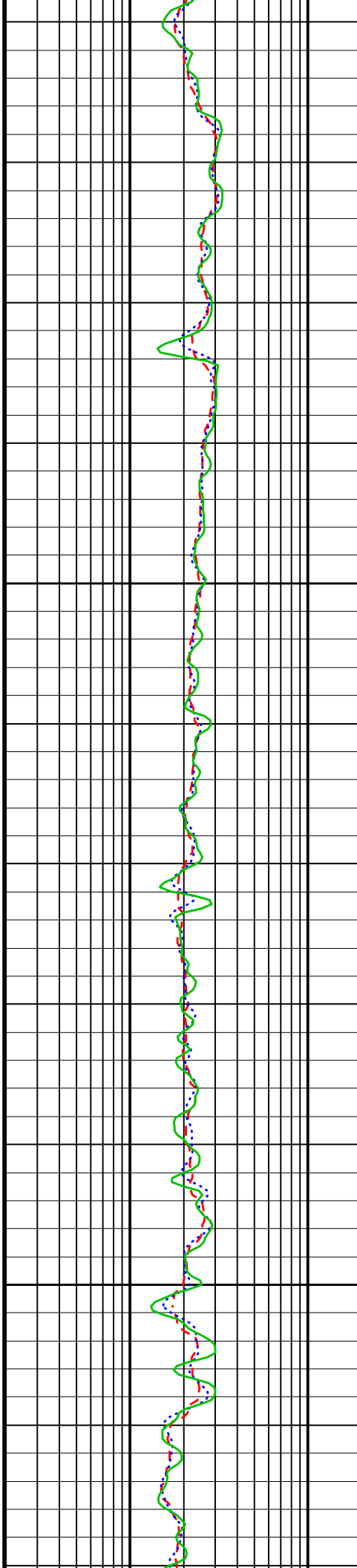
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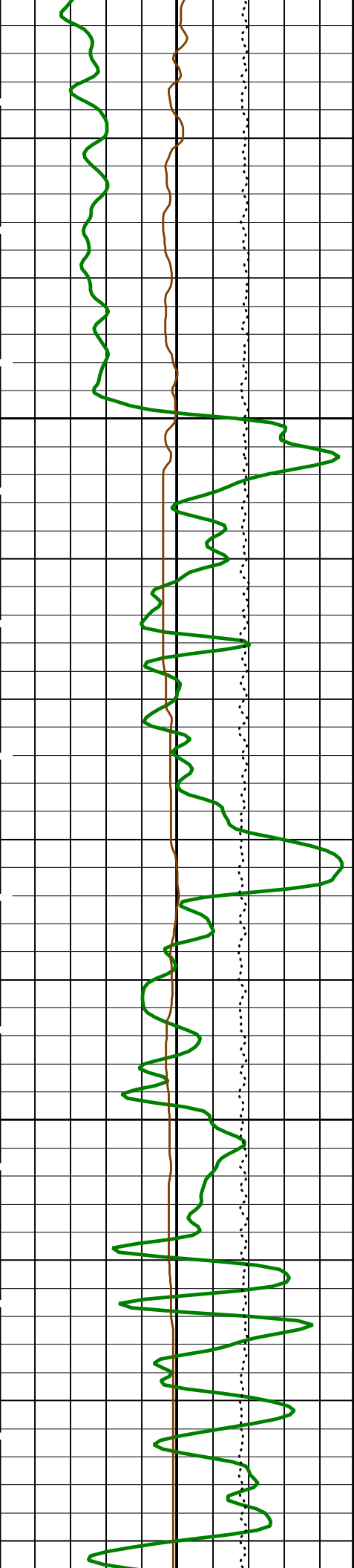




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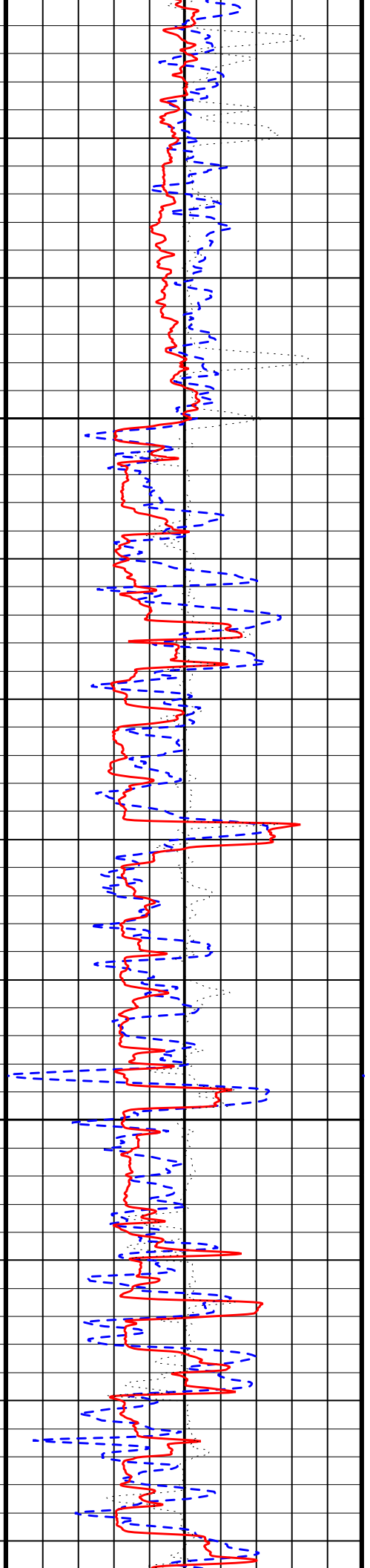
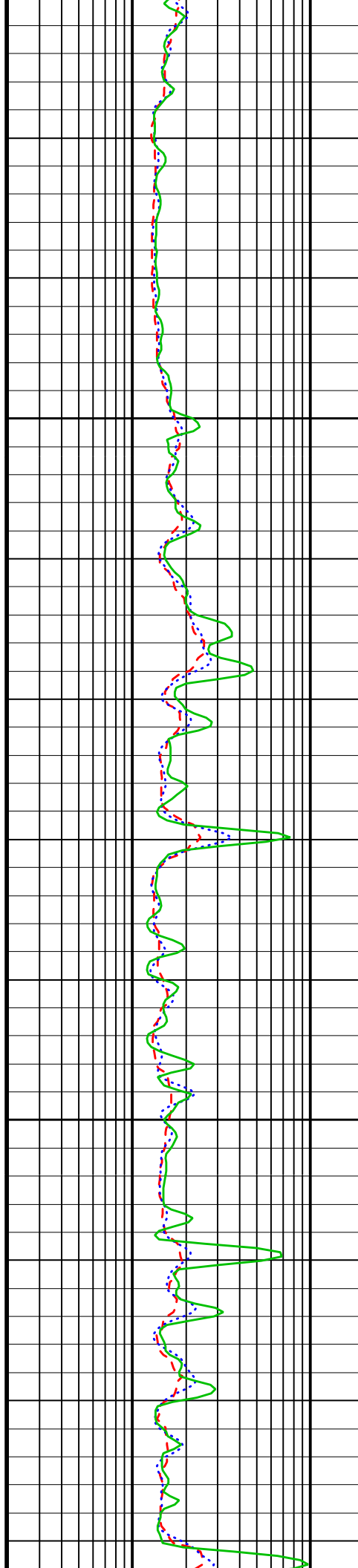
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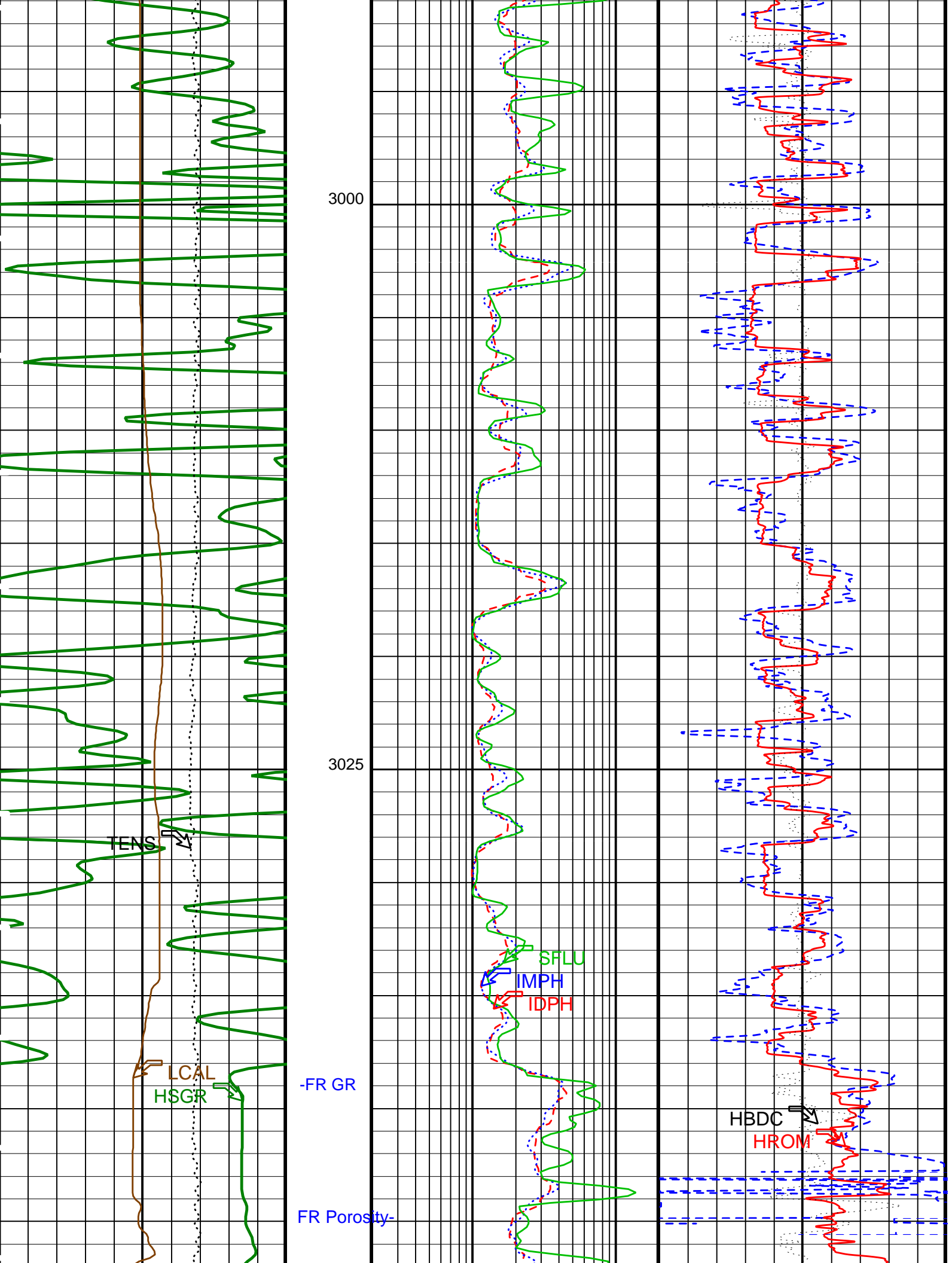


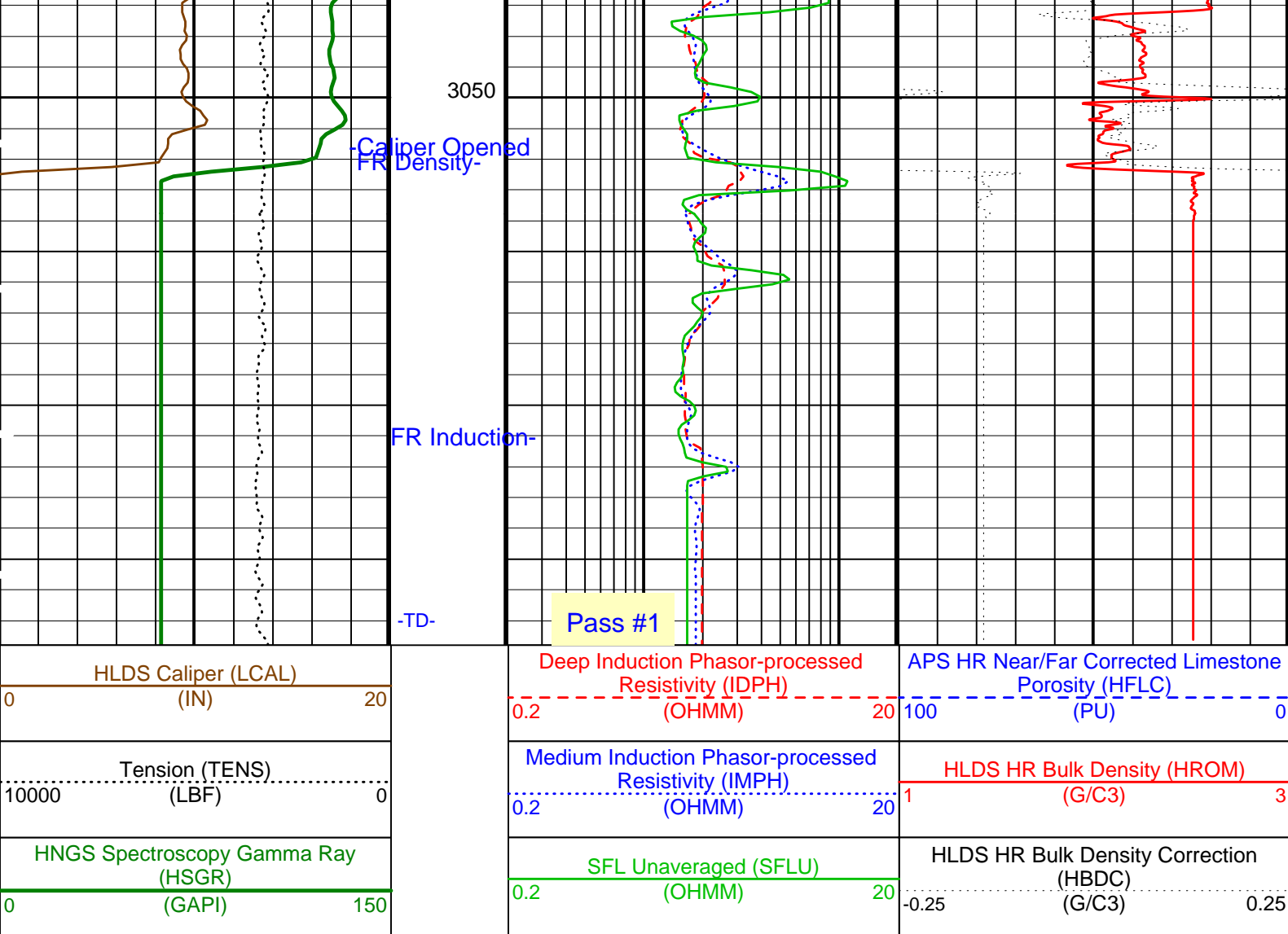


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PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
DIT-E: Dual Induction - E			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	12	DEGC
DGF1	Deep 10 kHz Gain Factor	0.995593	
DGF2	Deep 20 kHz Gain Factor	1.00789	
DGF4	Deep 40 kHz Gain Factor	1.02614	
DPH1	Deep 10 kHz Phase Shift	0.114289	DEG
DPH2	Deep 20 kHz Phase Shift	-0.152394	DEG
DPH4	Deep 40 kHz Phase Shift	-1.42629	DEG
DRE1	Deep Real 10 kHz Sonde Error Correction	44.9501	MM/M
DRE2	Deep Real 20 kHz Sonde Error Correction	16.357	MM/M
DRE4	Deep Real 40 kHz Sonde Error Correction	4.69026	MM/M
DRIM	DIT-E Radial Invasion Mode	Rxo>Rt	
DSR1	Deep Sigma Reference (10 kHz)	7637	MM/M
DSR2	Deep Sigma Reference (20 kHz)	1843	MM/M
DSR4	Deep Sigma Reference (40 kHz)	405	MM/M
DSTA	DIT-E Transversal Standoff	0	IN
DXE1	Deep Quad 10 kHz Sonde Error Correction	108.903	MM/M
DXE2	Deep Quad 20 kHz Sonde Error Correction	64.6326	MM/M
DXE4	Deep Quad 40 kHz Sonde Error Correction	46.096	MM/M
GCSE	Generalized Caliper Selection	LCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
IFRS	DIT-E Induction Frequency Selector	20	
IPHA	DIT-E Phasor Processing Mode	ALL	
IPRO	DIT-E Induction Processing Selector	PHASOR	
ITEN	DIT-E Temperature Enable	ENABLE	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	

MGF1	Medium 10 kHz Gain Factor	1.02182	
MGF2	Medium 20 kHz Gain Factor	1.02964	
MGF4	Medium 40 kHz Gain Factor	1.06122	
MPH1	Medium 10 kHz Phase Shift	-0.255819	DEG
MPH2	Medium 20 kHz Phase Shift	-0.933067	DEG
MPH4	Medium 40 kHz Phase Shift	-2.46117	DEG
MRE1	Medium Real 10 kHz Sonde Error Correction	20.7292	MM/M
MRE2	Medium Real 20 kHz Sonde Error Correction	-1.78642	MM/M
MRE4	Medium Real 40 kHz Sonde Error Correction	-10.4594	MM/M
MSR1	Medium Sigma Reference (10 kHz)	13520	MM/M
MSR2	Medium Sigma Reference (20 kHz)	3250	MM/M
MSR4	Medium Sigma Reference (40 kHz)	685	MM/M
MXE1	Medium Quad 10 kHz Sonde Error Correction	-105.752	MM/M
MXE2	Medium Quad 20 kHz Sonde Error Correction	-34.2041	MM/M
MXE4	Medium Quad 40 kHz Sonde Error Correction	11.4521	MM/M
SBR	Shoulder Bed Resistivity Factor	1	OHMM
SFCR	SFL Channel Ratio	1000	
SFLE	SFL Enable	ENABLE	
SHT	Surface Hole Temperature	20	DEGC
SPAЕ	DIT-E SPARC Processing Enable	ENABLE	
SPNV	SP Next Value	0	MV
HLDS: Hostile Litho-Density Sonde			
CLCL	HLDS LS Control Loop Controller Mode	AUTO_DEFAULT	
CLCS	HLDS SS Control Loop Controller Mode	AUTO_DEFAULT	
CLLS	HLDS Mode Loop Long Spacing	AUTO	
CLSS	HLDS Mode Loop Short Spacing	AUTO	
DHC	Density Hole Correction	BS	
DPPM	Density Porosity Processing Mode	HIRS	
FD	Fluid Density	1	G/C3
LATC	HLDS Activation Correction	ON	
LLDL	HLDS LS Low Level Discriminator DAC	14000	
LLDS	HLDS SS Low Level Discriminator DAC	14000	
LLML	HLDS LS Low Level Discriminator Mode	AUTO	
LLMS	HLDS SS Low Level Discriminator Mode	AUTO	
MDEN	Matrix Density	2.71	G/C3
PHVL	HLDS Long Spacing High Voltage Setting	1000	V
PHVS	HLDS Short Spacing High Voltage Setting	1000	V
PSDL	HLDS LS Pulse Shape Compensation DAC	16000	
PSDS	HLDS SS Pulse Shape Compensation DAC	16000	
PSML	HLDS LS Pulse Shape Compensation Mode	AUTO	
PSMS	HLDS SS Pulse Shape Compensation Mode	AUTO	
NPLC-B: Nuclear Porosity Lithology Cartridge - B			
NOTS	NPLC Old Temperature Sensor	NO	
APS-BA: Accelerator-Porosity Tool			
	APS Software Version	5	
AASD	APS Thermal and Array Detectors High Voltage Setting	1958.44	V
ADSO	APS Array Detectors Data Source Switch	Both	
AFSD	APS Far Detector High Voltage Setting	2072.71	V
AHCS	APS Holesize Correction Source	GCSE	
AHSS	APS Holesize Correction Switch	ON	
AMTY	APS Environmental Corrections Mud Type	WaterBaseBarite	
ANSD	APS Near Detector High Voltage Setting	1727.99	V
AOTS	APS Old Temperature Sensor Switch	NO	
ASOS	APS Standoff Correction Switch	ON	
ATSS	APS Temperature-Pressure-Salinity Correction Switch	OFF	
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	12	DEGC
DPPM	Density Porosity Processing Mode	HIRS	
FSAL	Formation Salinity	-50000	PPM
GCSE	Generalized Caliper Selection	LCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
NARC	APS Near/Array Calibration Ratio	1.05147	
NFRC	APS Near/Far Calibration Ratio	0.886931	
SHT	Surface Hole Temperature	20	DEGC
HNCS-BA: Hostile Natural Gamma Ray Sonde			
BAR1	HNCS Detector 1 Barite Constant	1	
BAR2	HNCS Detector 2 Barite Constant	1	
BHK	HNCS Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	12	DEGC
CSD1	Inner Casing Outer Diameter	0	IN
CSD2	Outer Casing Outer Diameter	0	IN
CSW1	Inner Casing Weight	0	LB/F
CSW2	Outer Casing Weight	0	LB/F
DBCC	HNCS Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	LCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
H1P	HNCS Detector 1 Allow/Discallow In Processing	ALLOW	

H2P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HALF	HNGS Borehole Potassium Running Average	-0.0343527	
HCRB	HNGS Alpha Filter Length	60	IN
HMWM	HNGS Apply Borehole Potassium Correction	NONE	
HNPE	Mud Weighting Material	NATU	
MATR	HNGS Processing Enable	YES	
S1BI	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
S2BI	HNGS Detector 1 Calibration Bismuth Count Rate	-999.25	CPS
SGRC	HNGS Detector 2 Calibration Bismuth Count Rate	-999.25	CPS
SHT	HNGS Standard Gamma-Ray Correction Flag	YES	
TPOS	Surface Hole Temperature	20	DEGC
VBA1	Tool Position	ECCE	
VBA2	HNGS Detector 1 Variable Barite Factor Running Average	0.979233	
	HNGS Detector 2 Variable Barite Factor Running Average	0.992355	
System and Miscellaneous			
ALTDPCCHAN	Name of alternate depth channel	SpeedCorrectedDepth	
BS	Bit Size	9.875	IN
BSAL	Borehole Salinity	-50000.00	PPM
CSIZ	Current Casing Size	0.000	IN
CWEI	Casing Weight	0.00	LB/F
DFD	Drilling Fluid Density	1.10	G/C3
MST	Mud Sample Temperature	32.00	DEGC
PBVSDAP	Use alternate depth channel for playback	NO	
RMFS	Resistivity of Mud Filtrate Sample	-50000.0000	OHMM
RW	Resistivity of Connate Water	1.0000	OHMM
TD	Total Depth	-50000	M
TDD	Total Depth - Driller	3069.00	M
TDL	Total Depth - Logger	3069.00	M
TWS	Temperature of Connate Water Sample	37.78	DEGC

Format: TripleCombo Vertical Scale: 1:200 Graphics File Created: 11-Feb-2003 19:02

OP System Version: 10C0-306

MCM

DIT-E	10C0-306	DTA-A	10C0-306
HLDS	SPC-2277-NUCL_b	NPLC-B	OP10-KP1
APS-BA	SPC-2277-NUCL_b	HNGS-BA	SPC-2277-NUCL_b
DTC-H	10C0-306		

Output DLIS Files

DEFAULT	PI_LDL_APS_NGS_007LUP	FN:9	PRODUCER	11-Feb-2003 19:02
REDUCE	PI_LDL_APS_NGS_007LUP	FN:10	PRODUCER	11-Feb-2003 19:02

Output DLIS Files

DEFAULT	PI_LDL_APS_NGS_008LUP	FN:11	PRODUCER	11-Feb-2003 21:28	3067.8 M	2623.9 M
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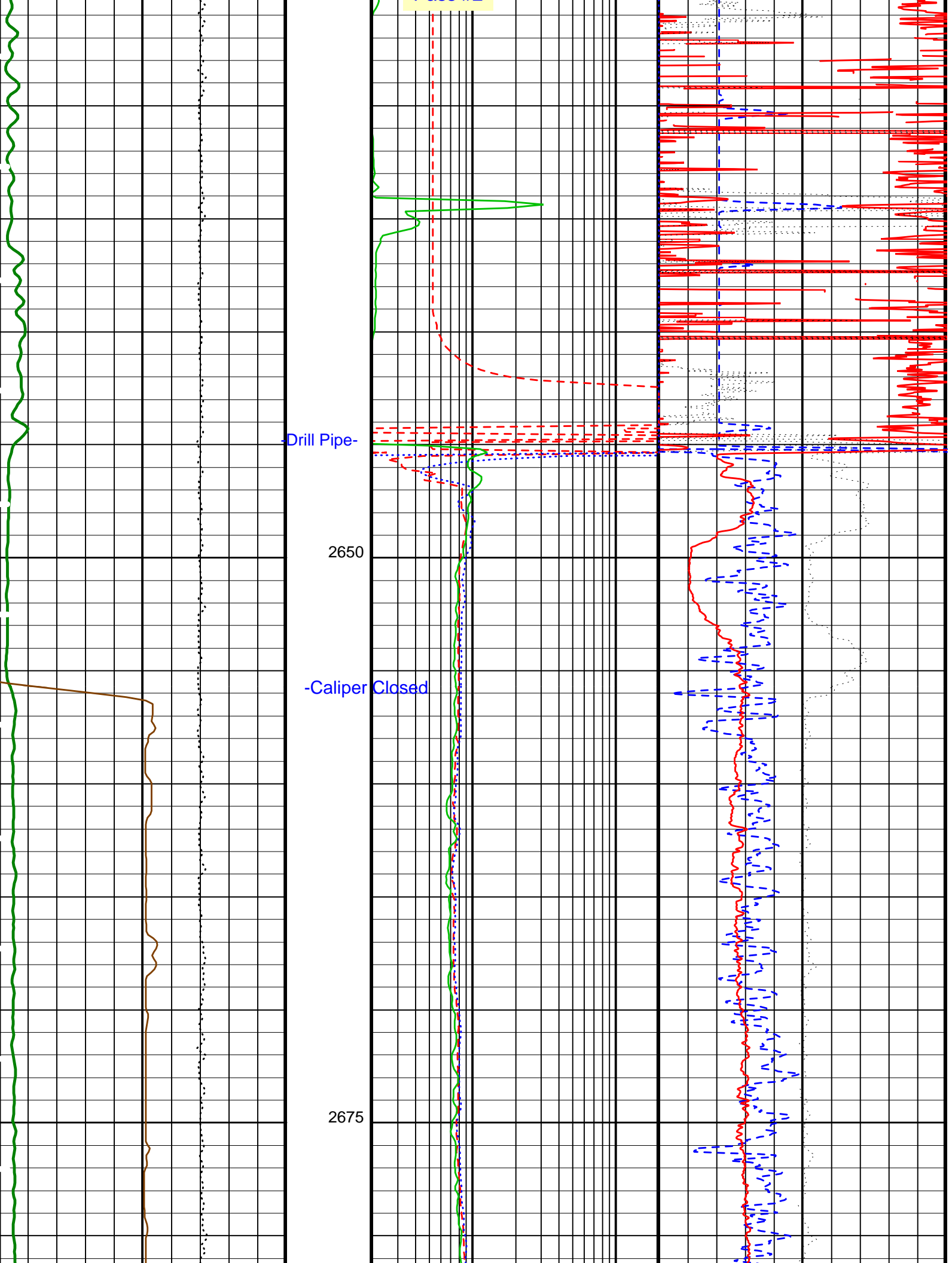
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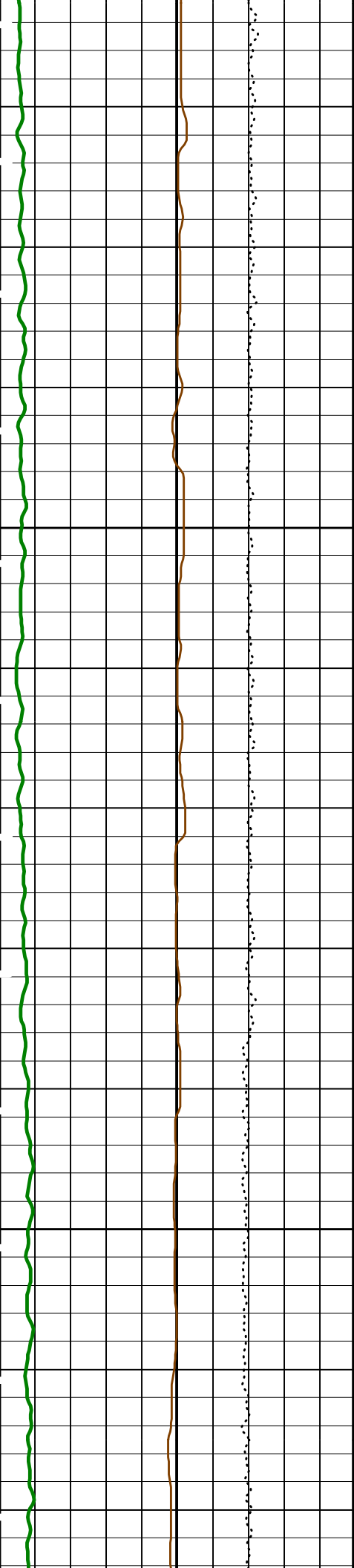
MCM

DIT-E	10C0-306	DTA-A	10C0-306
HLDS	SPC-2277-NUCL_b	NPLC-B	OP10-KP1
APS-BA	SPC-2277-NUCL_b	HNGS-BA	SPC-2277-NUCL_b
DTC-H	10C0-306		

PIP SUMMARY

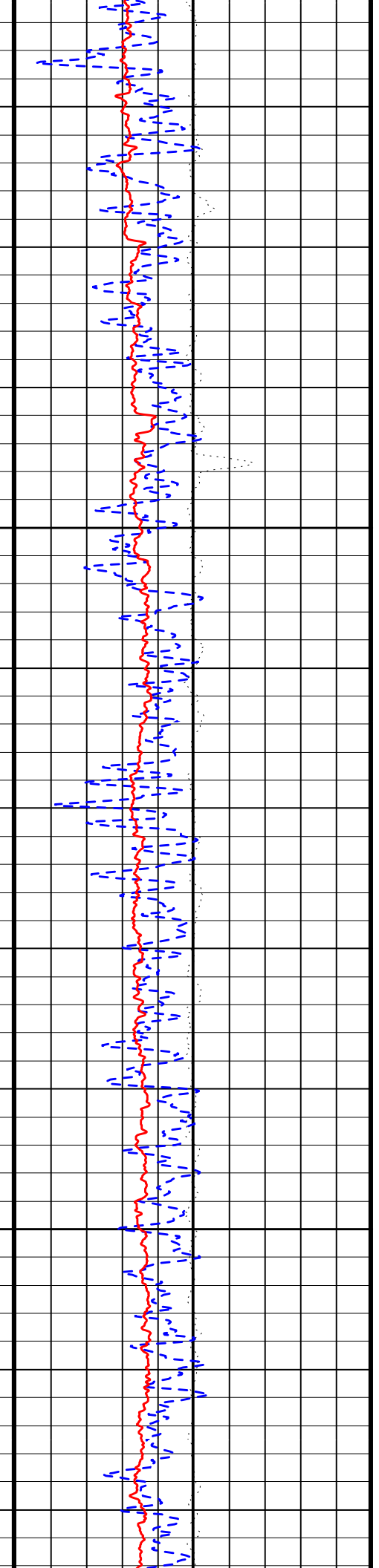
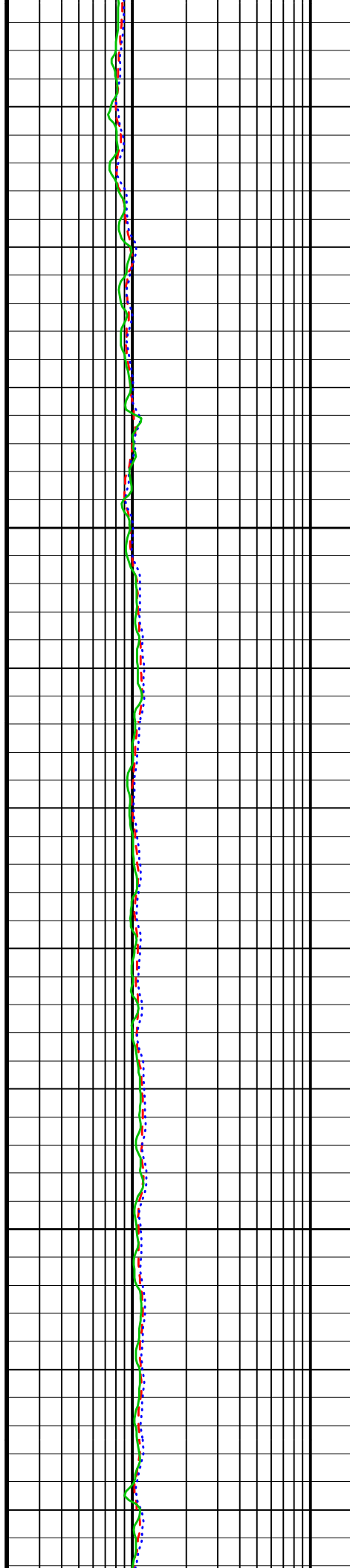
Time Mark Every 60 S			
HNGS Spectroscopy Gamma Ray (HSGR) (GAPI) 150	SFL Unaveraged (SFLU) (OHMM) 20	HLDS HR Bulk Density Correction (HBDC) (G/C3) 0.25	0.25
Tension (TENS) (LBF) 0	Medium Induction Phasor-processed Resistivity (IMPH) (OHMM) 20	HLDS HR Bulk Density (HROM) (G/C3) 3	1
HLDS Caliper (LCAL) (IN) 20	Deep Induction Phasor-processed Resistivity (IDPH) (OHMM) 20	APS HR Near/Far Corrected Limestone Porosity (HFLC) (PU) 0	100

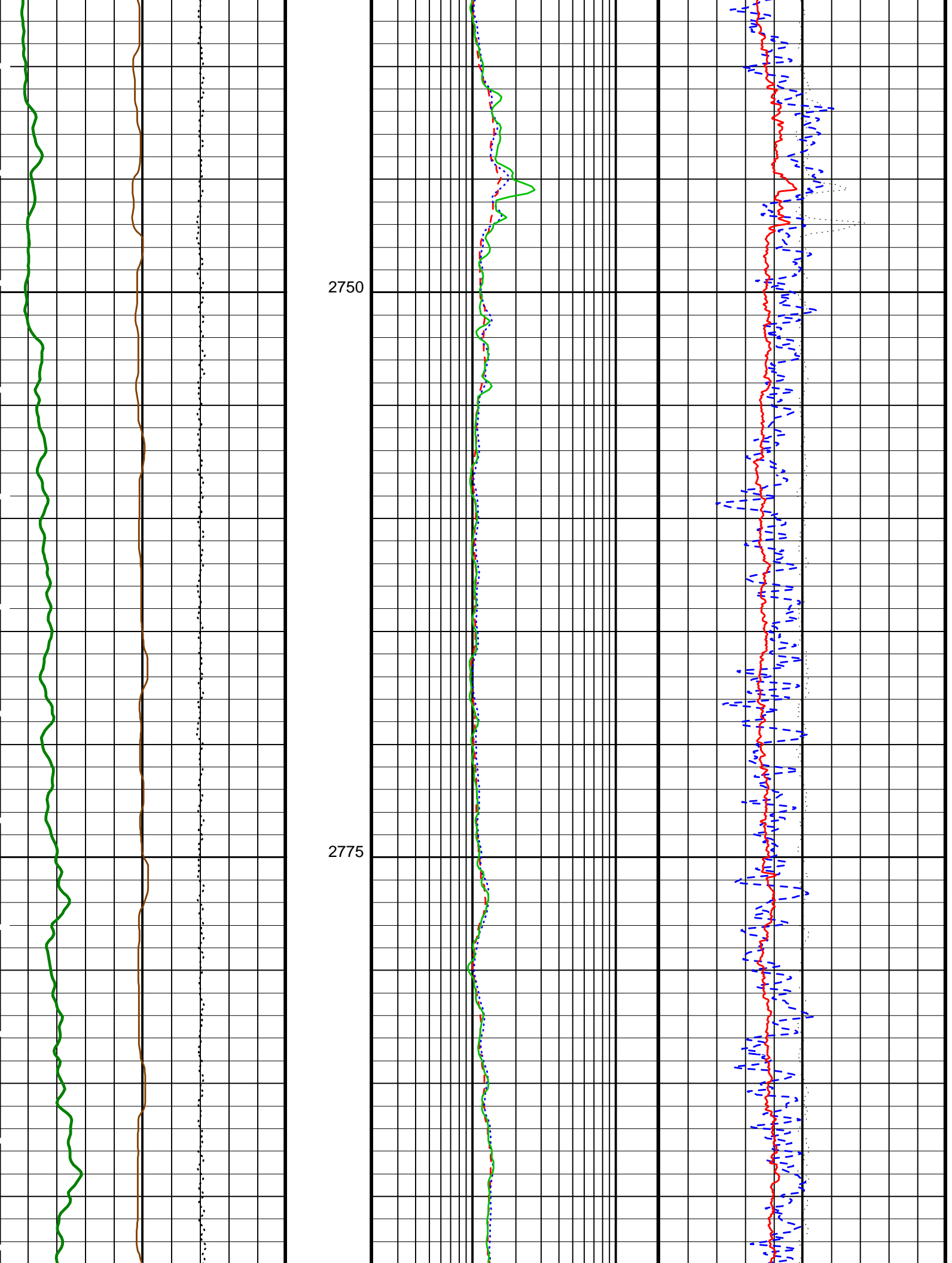


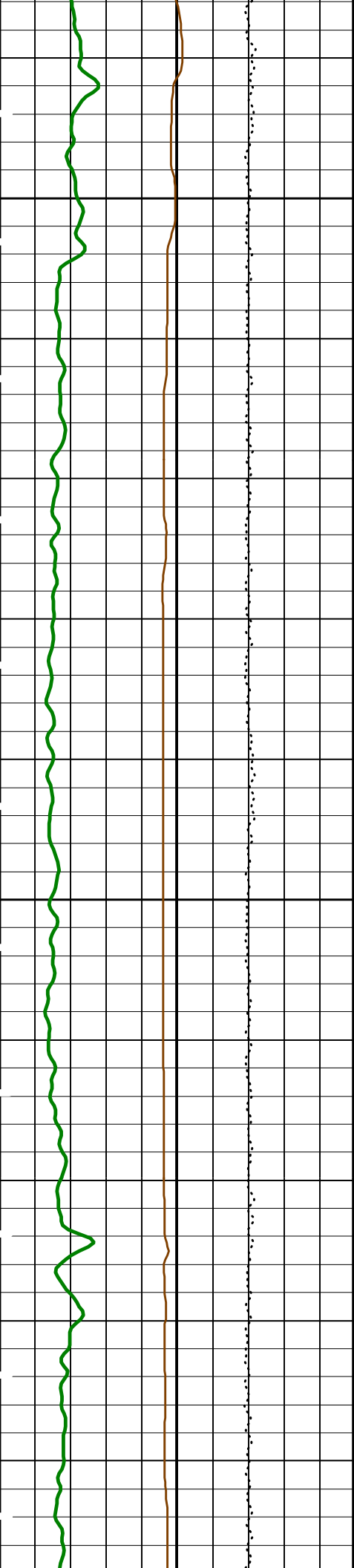


2700

2725

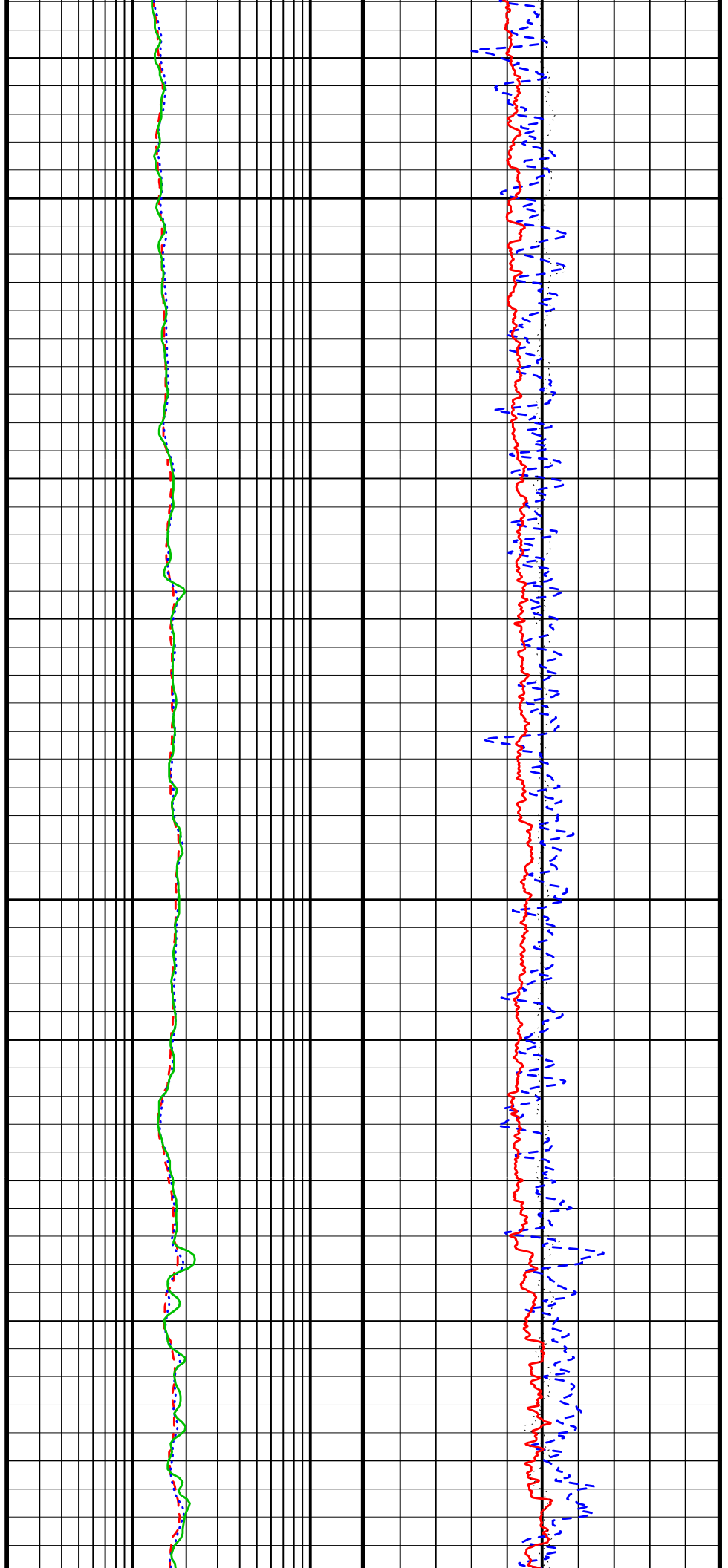


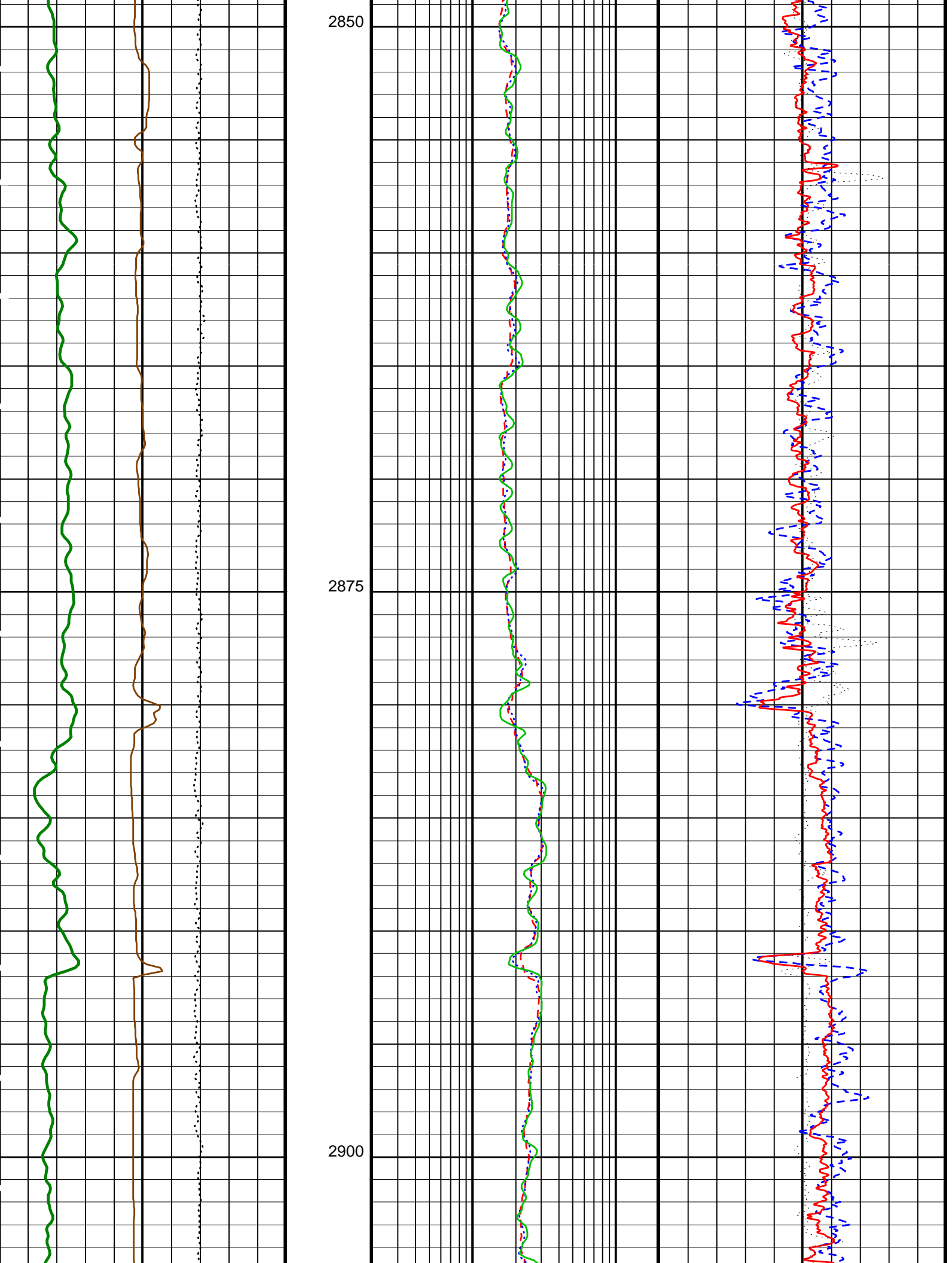


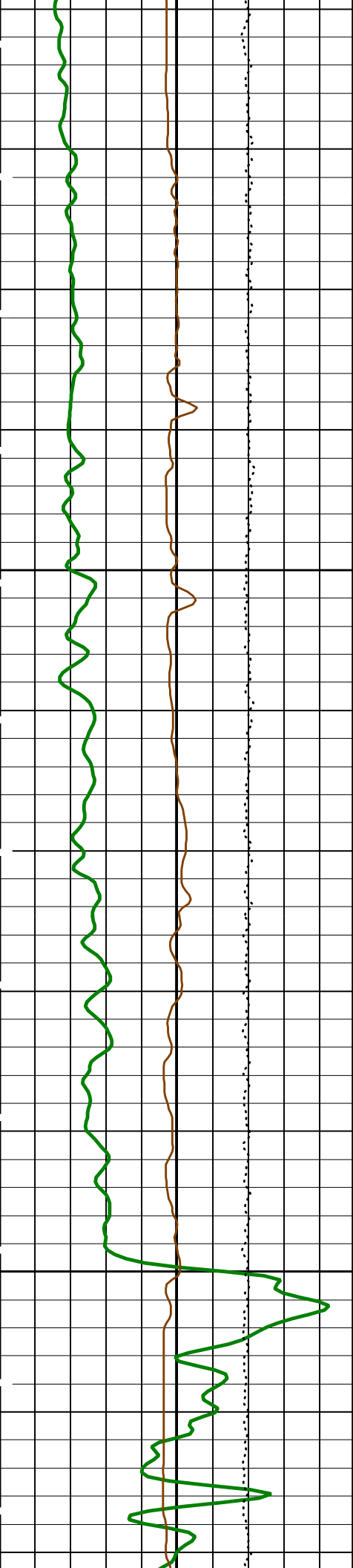


2800

2825

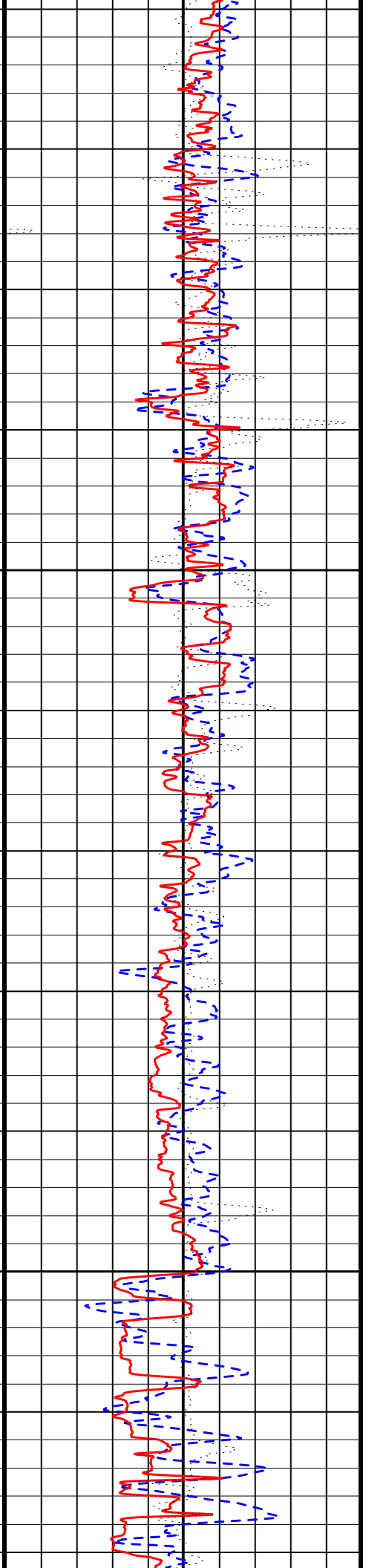
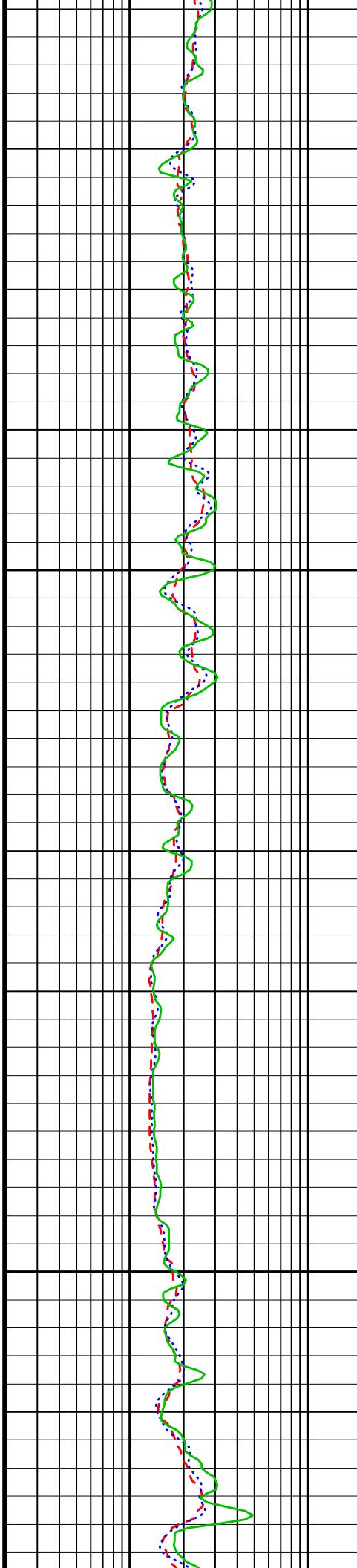


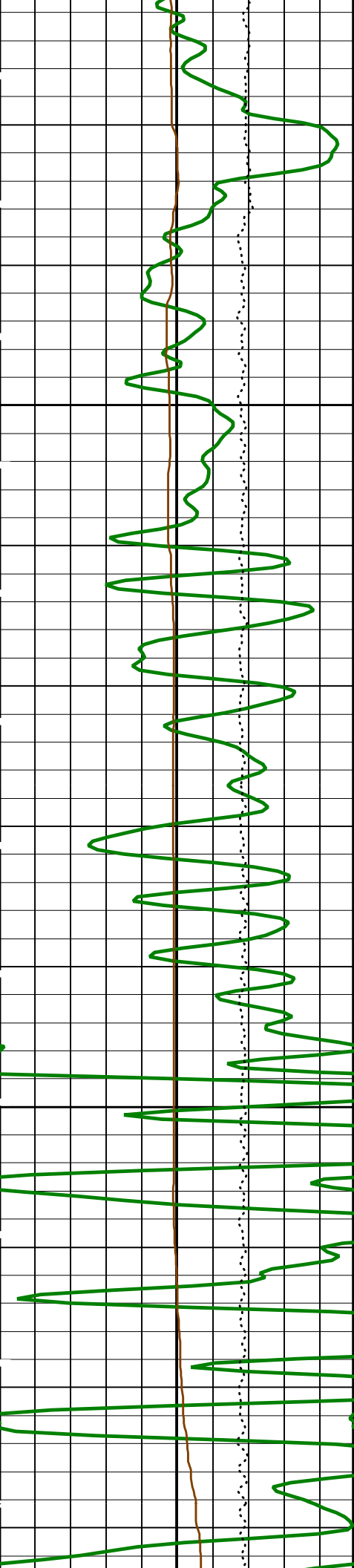




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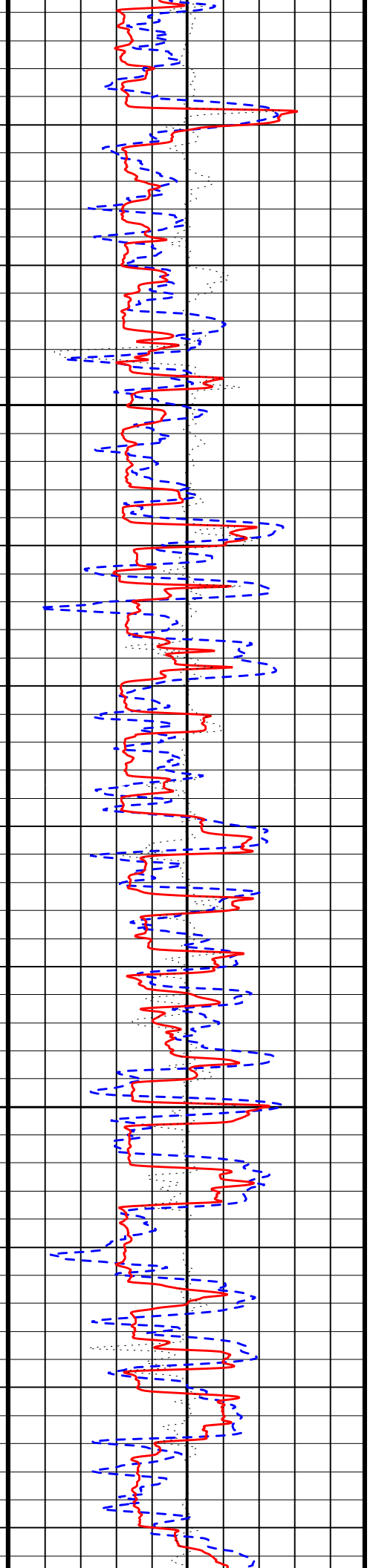
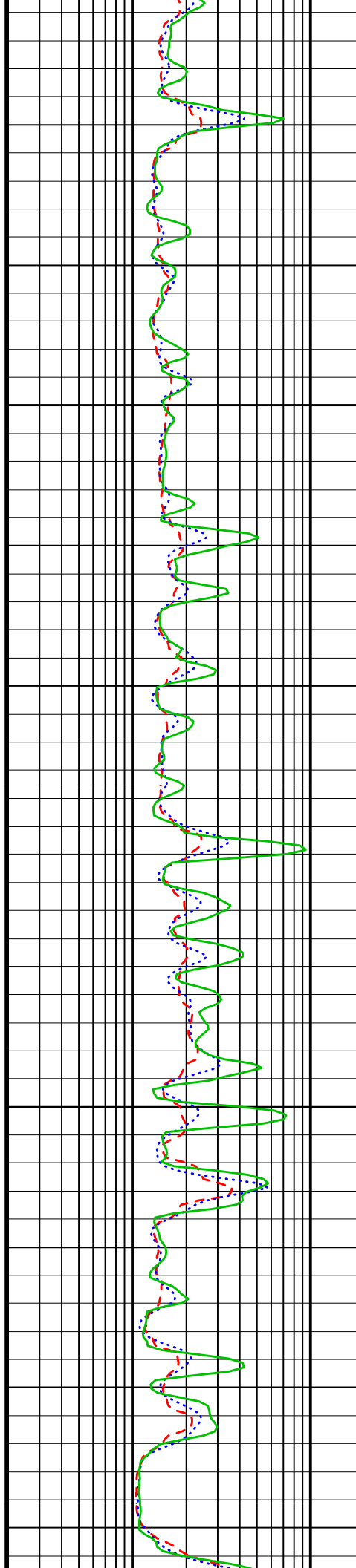
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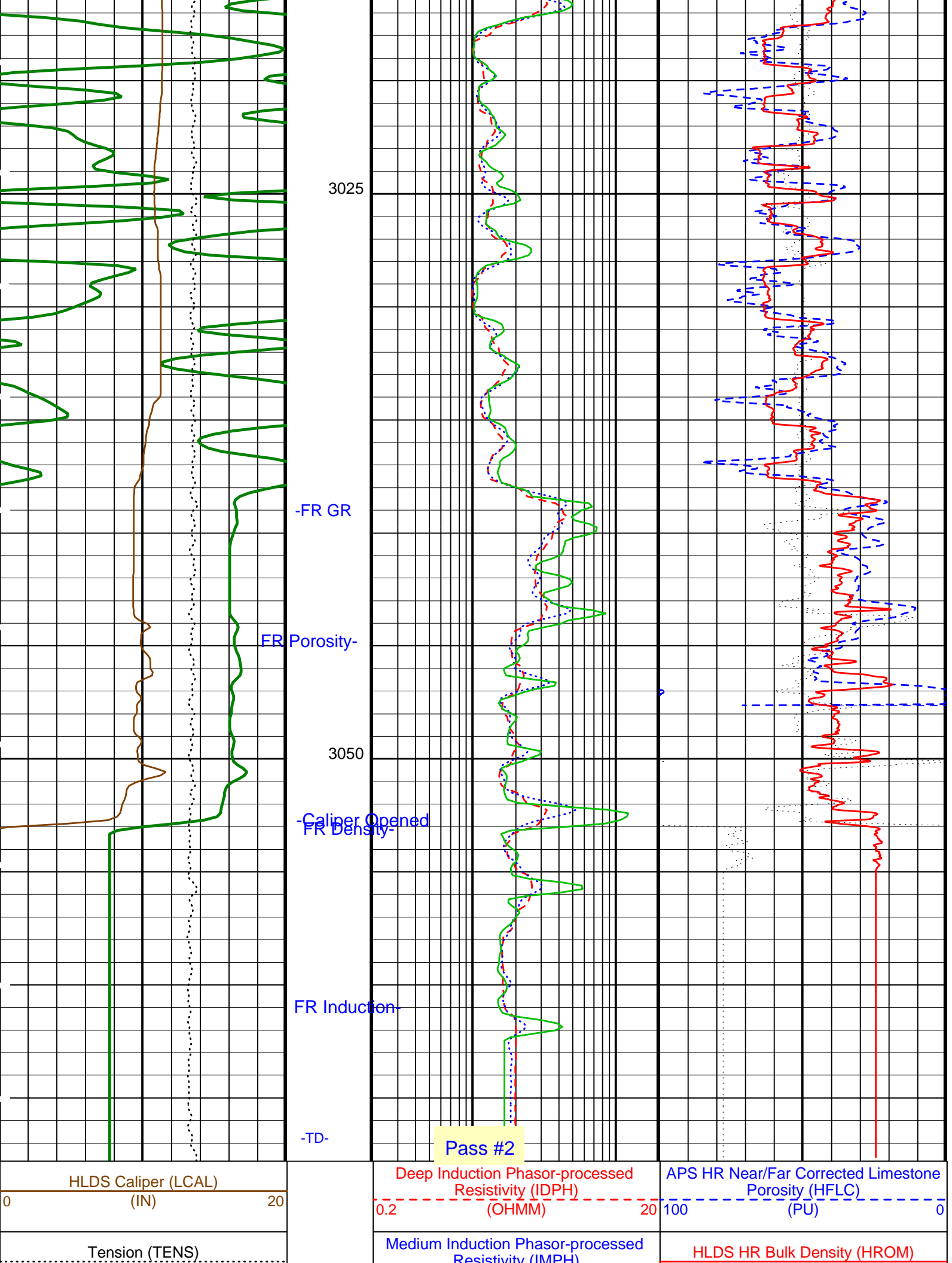




2975

3000





3025

3050

-FR GR

ER Porosity-

-Caliper Opened
FR Density-

FR Induction-

-TD-

Pass #2

HLDS Caliper (LCAL)
(IN) 0 20

Tension (TENS)

Deep Induction Phasor-processed
Resistivity (IDPH)
0.2 (OHMM) 20

Medium Induction Phasor-processed
Resistivity (IMPH)

APS HR Near/Far Corrected Limestone
Porosity (HFLC)
100 (PU) 0

HLDS HR Bulk Density (HROM)

10000	(LBF)	0	0.2	Resistivity (OHMM)	20	1	(G/C3)	3
HNGS Spectroscopy Gamma Ray (HSGR)			SFL Unaveraged (SFLU)			HLDS HR Bulk Density Correction (HBDC)		
0	(GAPI)	150	0.2	(OHMM)	20	-0.25	(G/C3)	0.25

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
DIT-E: Dual Induction - E			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	12	DEGC
DGF1	Deep 10 kHz Gain Factor	0.995593	
DGF2	Deep 20 kHz Gain Factor	1.00789	
DGF4	Deep 40 kHz Gain Factor	1.02614	
DPH1	Deep 10 kHz Phase Shift	0.114289	DEG
DPH2	Deep 20 kHz Phase Shift	-0.152394	DEG
DPH4	Deep 40 kHz Phase Shift	-1.42629	DEG
DRE1	Deep Real 10 kHz Sonde Error Correction	44.9501	MM/M
DRE2	Deep Real 20 kHz Sonde Error Correction	16.357	MM/M
DRE4	Deep Real 40 kHz Sonde Error Correction	4.69026	MM/M
DRIM	DIT-E Radial Invasion Mode	Rxo>Rt	
DSR1	Deep Sigma Reference (10 kHz)	7637	MM/M
DSR2	Deep Sigma Reference (20 kHz)	1843	MM/M
DSR4	Deep Sigma Reference (40 kHz)	405	MM/M
DSTA	DIT-E Transversal Standoff	0	IN
DXE1	Deep Quad 10 kHz Sonde Error Correction	108.903	MM/M
DXE2	Deep Quad 20 kHz Sonde Error Correction	64.6326	MM/M
DXE4	Deep Quad 40 kHz Sonde Error Correction	46.096	MM/M
GCSE	Generalized Caliper Selection	LCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
IFRS	DIT-E Induction Frequency Selector	20	
IPHA	DIT-E Phasor Processing Mode	ALL	
IPRO	DIT-E Induction Processing Selector	PHASOR	
ITEN	DIT-E Temperature Enable	ENABLE	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
MGF1	Medium 10 kHz Gain Factor	1.02182	
MGF2	Medium 20 kHz Gain Factor	1.02964	
MGF4	Medium 40 kHz Gain Factor	1.06122	
MPH1	Medium 10 kHz Phase Shift	-0.255819	DEG
MPH2	Medium 20 kHz Phase Shift	-0.933067	DEG
MPH4	Medium 40 kHz Phase Shift	-2.46117	DEG
MRE1	Medium Real 10 kHz Sonde Error Correction	20.7292	MM/M
MRE2	Medium Real 20 kHz Sonde Error Correction	-1.78642	MM/M
MRE4	Medium Real 40 kHz Sonde Error Correction	-10.4594	MM/M
MSR1	Medium Sigma Reference (10 kHz)	13520	MM/M
MSR2	Medium Sigma Reference (20 kHz)	3250	MM/M
MSR4	Medium Sigma Reference (40 kHz)	685	MM/M
MXE1	Medium Quad 10 kHz Sonde Error Correction	-105.752	MM/M
MXE2	Medium Quad 20 kHz Sonde Error Correction	-34.2041	MM/M
MXE4	Medium Quad 40 kHz Sonde Error Correction	11.4521	MM/M
SBR	Shoulder Bed Resistivity Factor	1	OHMM
SFCR	SFL Channel Ratio	1000	
SFLE	SFL Enable	ENABLE	
SHT	Surface Hole Temperature	20	DEGC
SPAE	DIT-E SPARC Processing Enable	ENABLE	
SPNV	SP Next Value	0	MV
HLDS: Hostile Litho-Density Sonde			
CLCL	HLDS LS Control Loop Controller Mode	AUTO_DEFAULT	
CLCS	HLDS SS Control Loop Controller Mode	AUTO_DEFAULT	
CLLS	HLDS Mode Loop Long Spacing	AUTO	
CLSS	HLDS Mode Loop Short Spacing	AUTO	
DHC	Density Hole Correction	BS	
DPPM	Density Porosity Processing Mode	HIRS	
FD	Fluid Density	1	G/C3
LATC	HLDS Activation Correction	ON	
LLDL	HLDS LS Low Level Discriminator DAC	14000	
LLDS	HLDS SS Low Level Discriminator DAC	14000	
LLML	HLDS LS Low Level Discriminator Mode	AUTO	
LLMS	HLDS SS Low Level Discriminator Mode	AUTO	
MDEN	Matrix Density	2.71	G/C3
PHVL	HLDS Long Spacing High Voltage Setting	1000	V
PHVS	HLDS Short Spacing High Voltage Setting	1000	V
PSDL	HLDS LS Pulse Shape Compensation DAC	16000	
PSDS	HLDS SS Pulse Shape Compensation DAC	16000	

PSDS	HLDS SS Pulse Shape Compensation DAC	16000	
PSML	HLDS LS Pulse Shape Compensation Mode	AUTO	
PSMS	HLDS SS Pulse Shape Compensation Mode	AUTO	
	NPLC-B: Nuclear Porosity Lithology Cartridge - B		
NOTS	NPLC Old Temperature Sensor	NO	
	APS-BA: Accelerator-Porosity Tool		
	APS Software Version	5	
AASD	APS Thermal and Array Detectors High Voltage Setting	1958.44	V
ADSO	APS Array Detectors Data Source Switch	Both	
AFSD	APS Far Detector High Voltage Setting	2072.71	V
AHCS	APS Holesize Correction Source	GCSE	
AHSS	APS Holesize Correction Switch	ON	
AMTY	APS Environmental Corrections Mud Type	WaterBaseBarite	
ANSD	APS Near Detector High Voltage Setting	1727.99	V
AOTS	APS Old Temperature Sensor Switch	NO	
ASOS	APS Standoff Correction Switch	ON	
ATSS	APS Temperature-Pressure-Salinity Correction Switch	OFF	
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	12	DEGC
DPPM	Density Porosity Processing Mode	HIRS	
FSAL	Formation Salinity	-50000	PPM
GCSE	Generalized Caliper Selection	LCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
NARC	APS Near/Array Calibration Ratio	1.05147	
NFRC	APS Near/Far Calibration Ratio	0.886931	
SHT	Surface Hole Temperature	20	DEGC
	HNGS-BA: Hostile Natural Gamma Ray Sonde		
BAR1	HNGS Detector 1 Barite Constant	1	
BAR2	HNGS Detector 2 Barite Constant	1	
BHK	HNGS Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	12	DEGC
CSD1	Inner Casing Outer Diameter	0	IN
CSD2	Outer Casing Outer Diameter	0	IN
CSW1	Inner Casing Weight	0	LB/F
CSW2	Outer Casing Weight	0	LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	LCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.00608924	
HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNGS Processing Enable	YES	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	-999.25	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	-999.25	CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
SHT	Surface Hole Temperature	20	DEGC
TPOS	Tool Position	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.977262	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	1.00287	
	System and Miscellaneous		
ALTDPCCHAN	Name of alternate depth channel	SpeedCorrectedDepth	
BS	Bit Size	9.875	IN
BSAL	Borehole Salinity	-50000.00	PPM
CSIZ	Current Casing Size	0.000	IN
CWEI	Casing Weight	0.00	LB/F
DFD	Drilling Fluid Density	1.10	G/C3
MST	Mud Sample Temperature	32.00	DEGC
PBVSADP	Use alternate depth channel for playback	NO	
RMFS	Resistivity of Mud Filtrate Sample	-50000.0000	OHMM
RW	Resistivity of Connate Water	1.0000	OHMM
TD	Total Depth	-50000	M
TDD	Total Depth - Driller	3069.00	M
TDL	Total Depth - Logger	3069.00	M
TWS	Temperature of Connate Water Sample	37.78	DEGC

Format: TripleCombo Vertical Scale: 1:200 Graphics File Created: 11-Feb-2003 21:28

OP System Version: 10C0-306

MCM

DIT-E	10C0-306	DTA-A	10C0-306
HLDS	SPC-2277-NUCL_b	NPLC-B	OP10-KP1
APS-BA	SPC 2277 NUCL_b	HNGS-BA	SPC 2277 NUCL_b

APS-BA
DTC-H

SFC-2277-NUCLE_D
10C0-306

TINGS-BA

SFC-2277-NUCLE_D

Output DLIS Files

DEFAULT	PI_LDL_APS_NGS_008LUP	FN:11	PRODUCER	11-Feb-2003 21:28
REDUCE	PI_LDL_APS_NGS_008LUP	FN:12	PRODUCER	11-Feb-2003 21:28

Company: Lamont Doherty

Schlumberger

Well: ODP Leg 207 Site 1260B

Field: Demarara Rise

Country: Venezuela

Ocean: Atlantic

Phasor Induction
HLDS Density/ APS Porosity
Natural Gamma Ray