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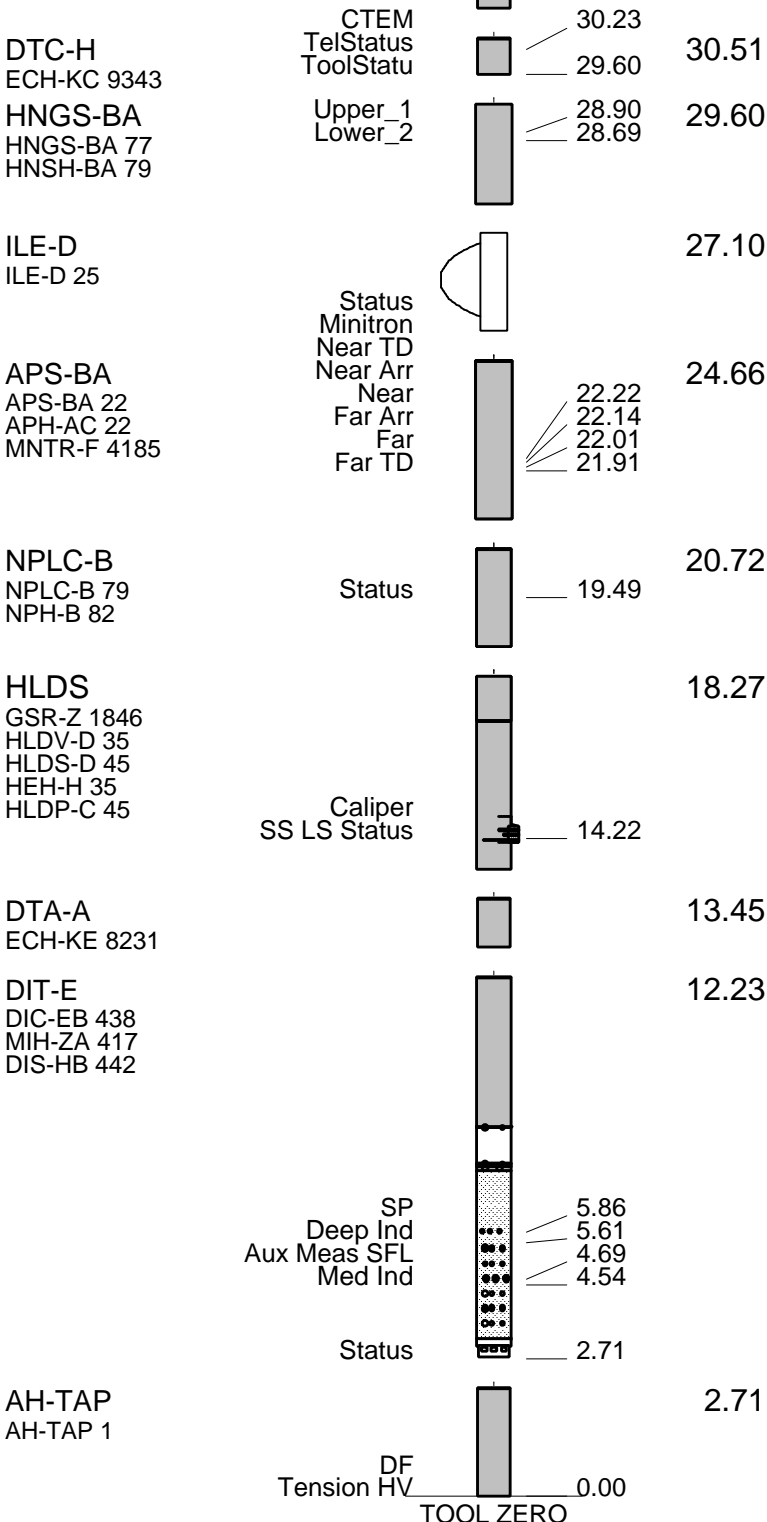
OTHER SERVICES1 OS1: DITE OS2: HLDS/APS/HNGS OS3: WST OS4: FMS OS5:	OTHER SERVICES2 OS1: OS2: OS3: OS4: OS5:
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REMARKS: RUN NUMBER 1 Hole cored with RCB, 9 7/8" bit. Driller Sea Floor at:1911 mbrf. Log measured in meters below rig floor.	REMARKS: RUN NUMBER 2
Wireline heave compensator used on all runs. Sepiolite mud was used to displace the hole. Driller TD= 2585mbrf. Schlumberger TD= 2564 mbrf. Drill pipe Schlumberger= 2010mbrf. See Lamont TAP tool for bottom hole temperature.	

RUN 1			RUN 2		
SERVICE ORDER #:	10C0-306		SERVICE ORDER #:		
PROGRAM VERSION:			PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

**EQUIPMENT DESCRIPTION**

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



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

### Output DLIS Files

DEFAULT	PI_LDL_APS_NGS_008LUP	FN:12	PRODUCER	21-Feb-2003 21:50	2564.9 M	1881.7 M
REDUCE	PI_LDL_APS_NGS_008LUP	FN:13	PRODUCER	21-Feb-2003 21:50	2564.9 M	1881.7 M

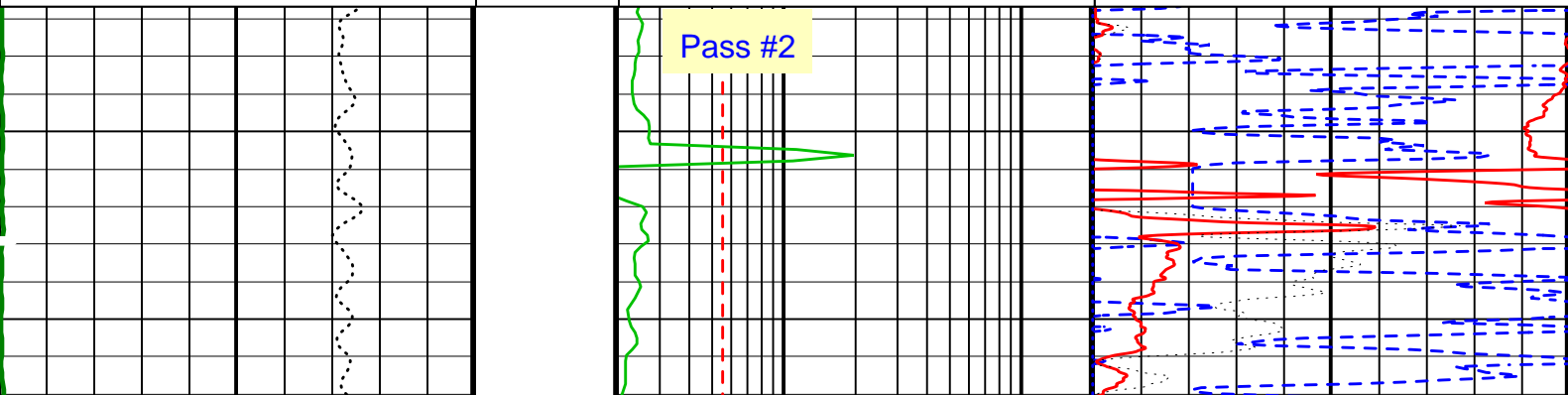
### OP System Version: 10C0-306 MCM

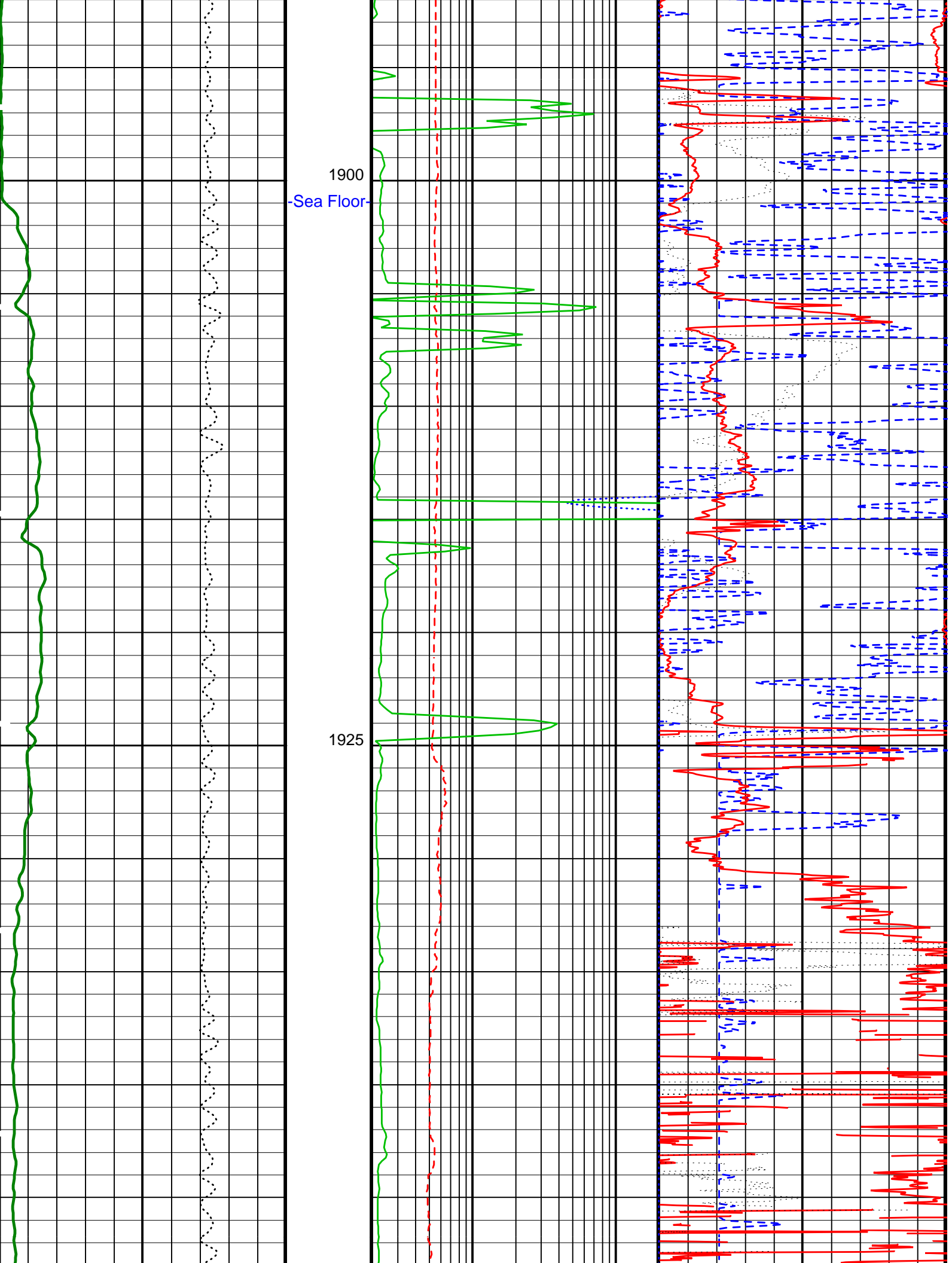
DIT-E	10C0-306	DTA-A	10C0-306
HLDS	SPC-2277-NUCL_b	NPLC-B	OP10-KP1
APS-BA	SPC-2277-NUCL_b	HNGS-BA	SPC-2277-NUCL_b
DTC-H	10C0-306		

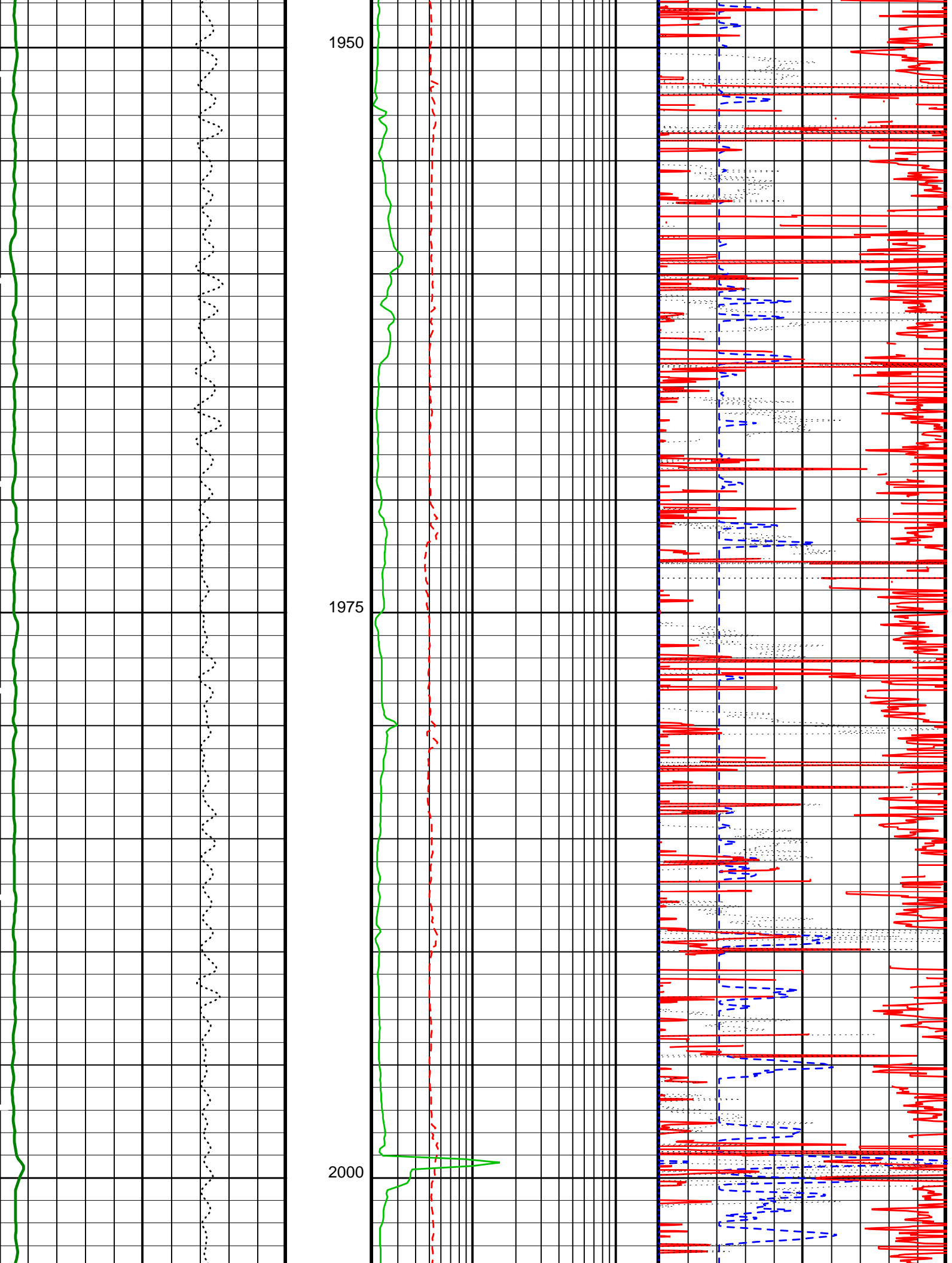
#### PIP SUMMARY

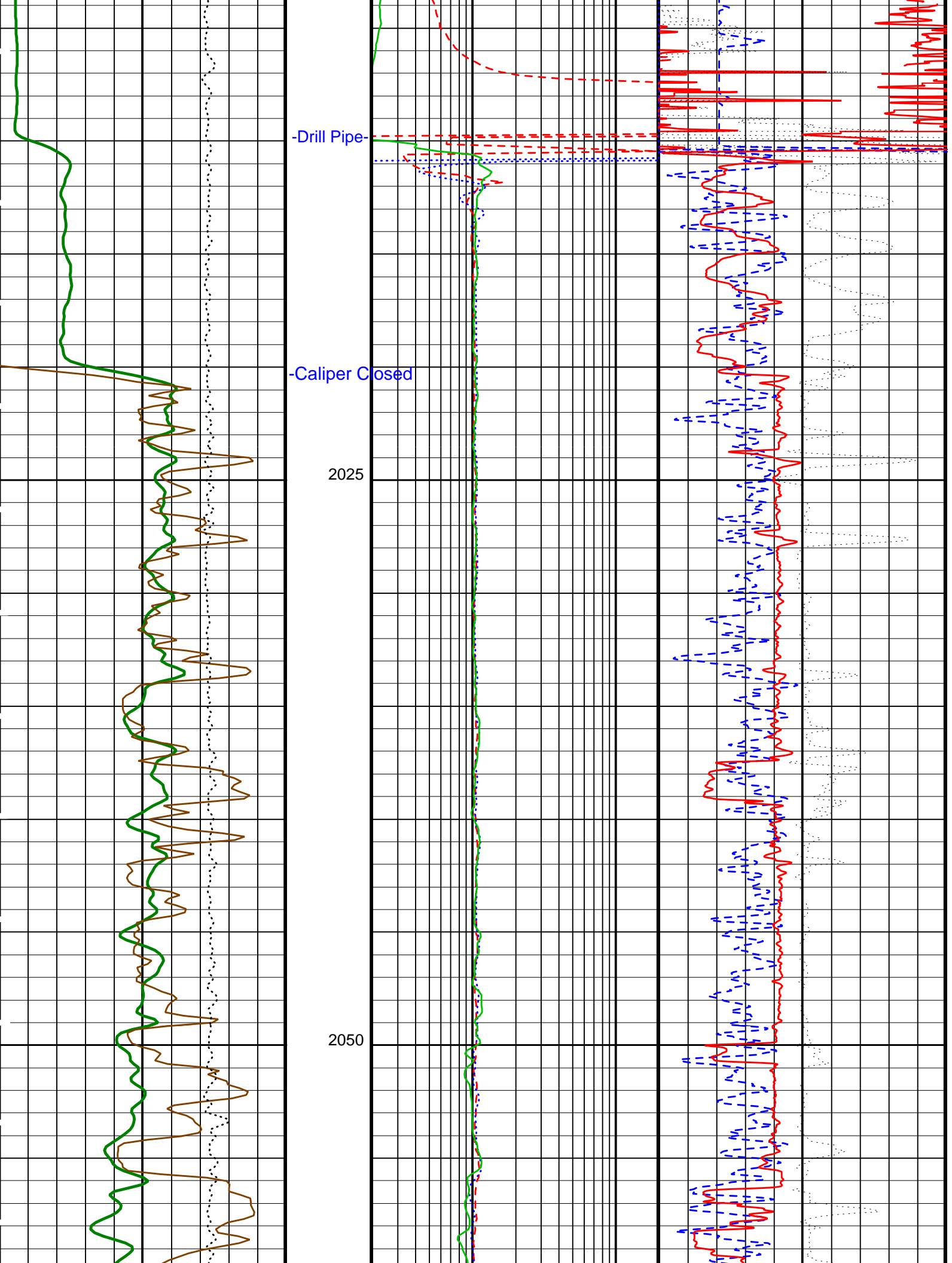
Time Mark Every 60 S

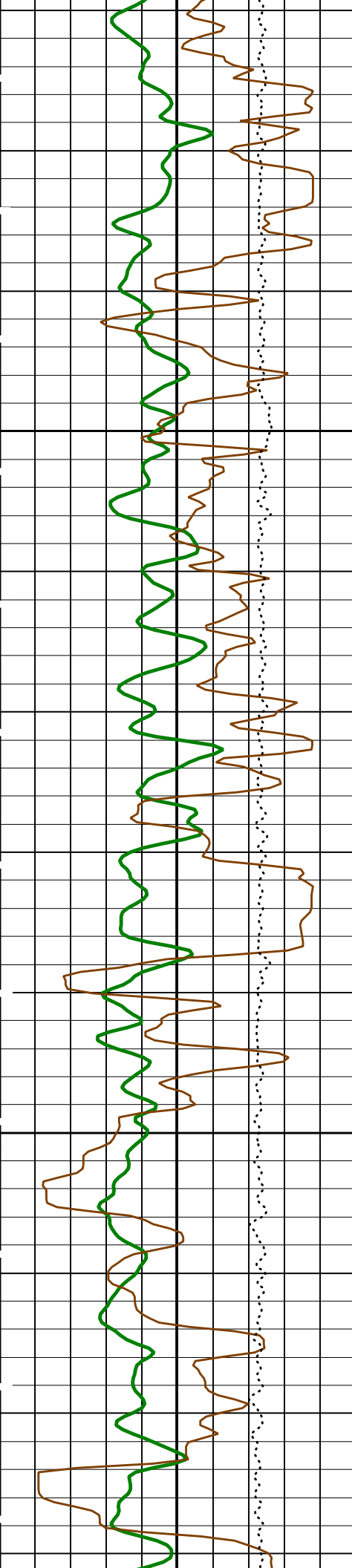
<p style="color: green; text-align: center;"><b>HNGS Spectroscopy Gamma Ray (HSGR)</b></p> <p style="text-align: center;">(GAPI)      150</p> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;">Tension (TENS)</p> <p style="text-align: center;">(LBF)      0</p> <hr style="border-top: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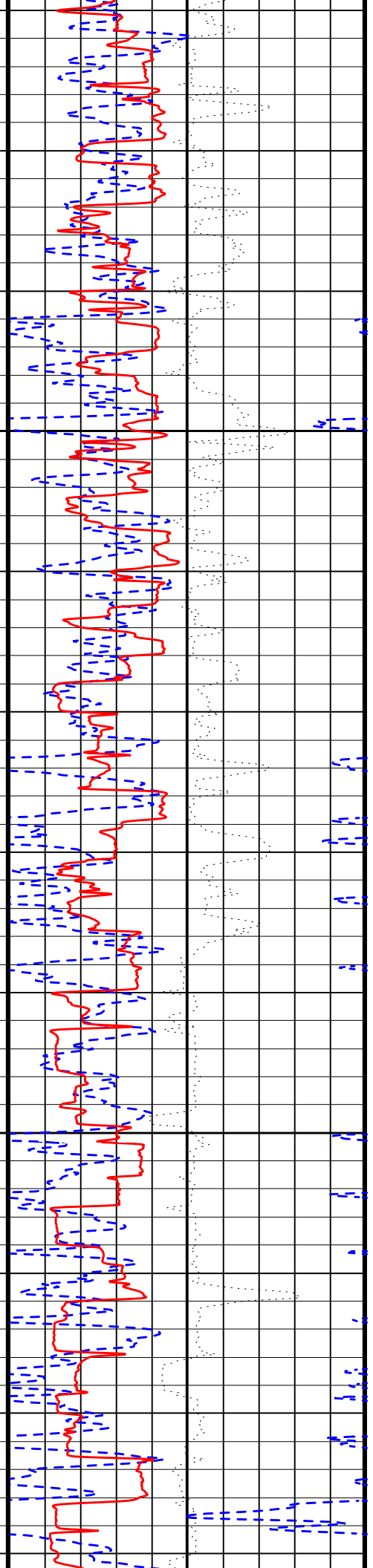
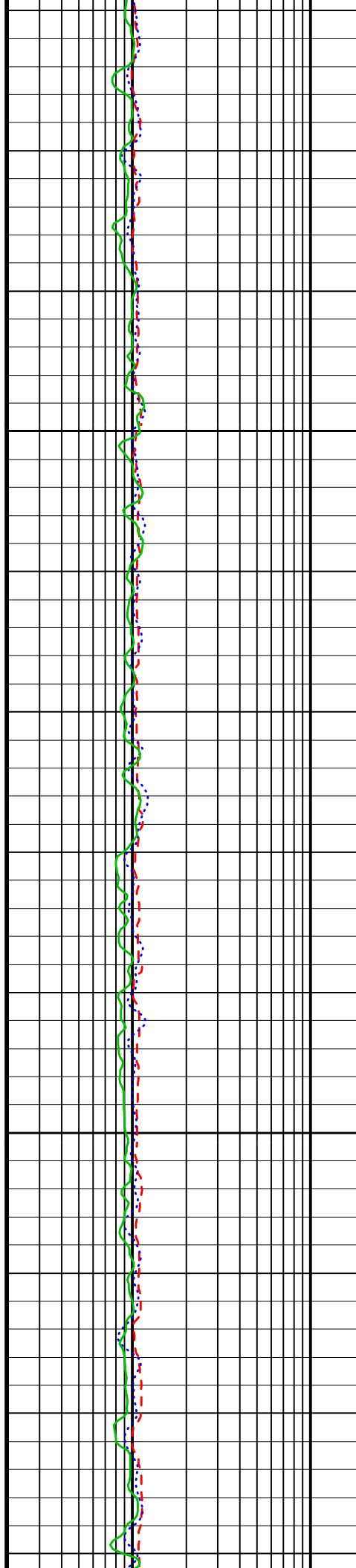




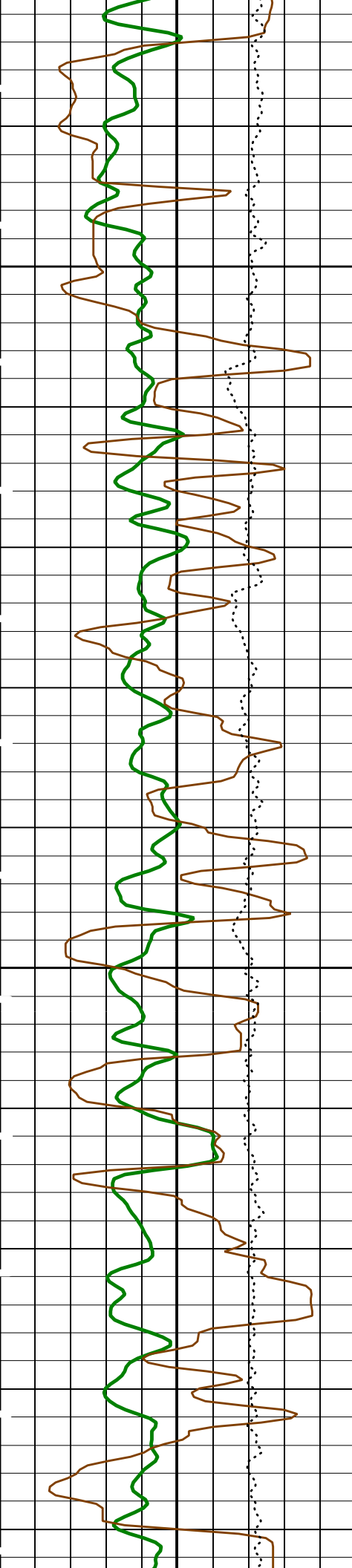


2075

2100

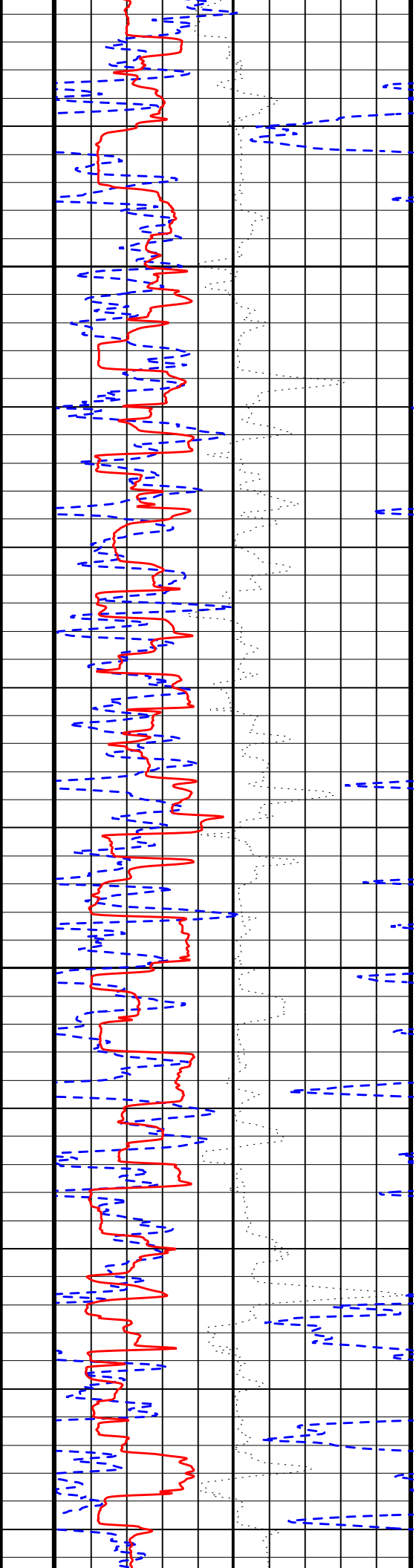
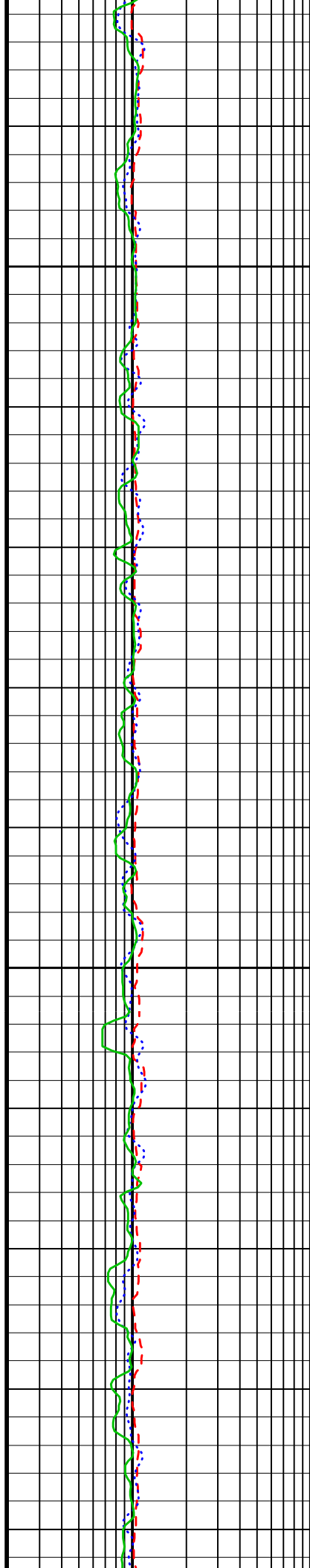


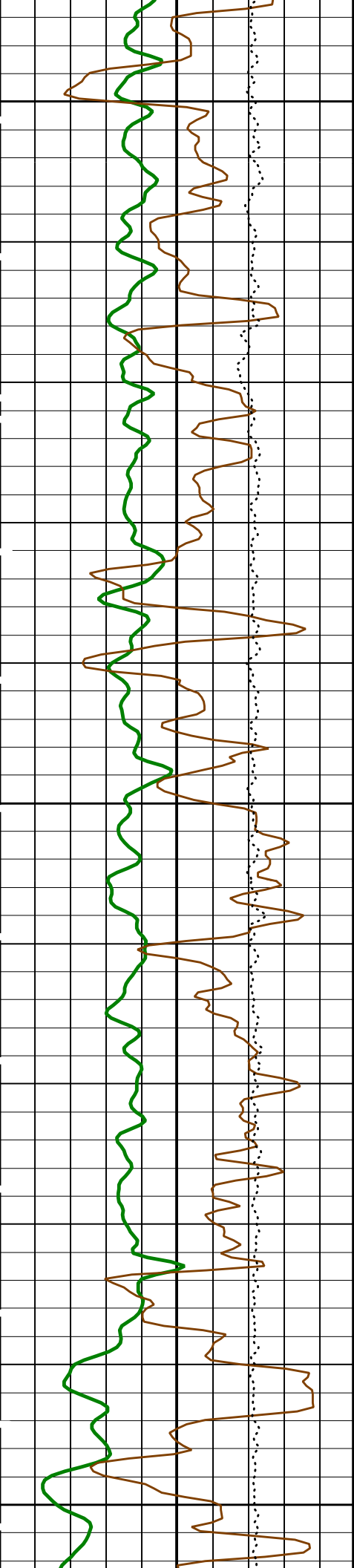




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2150

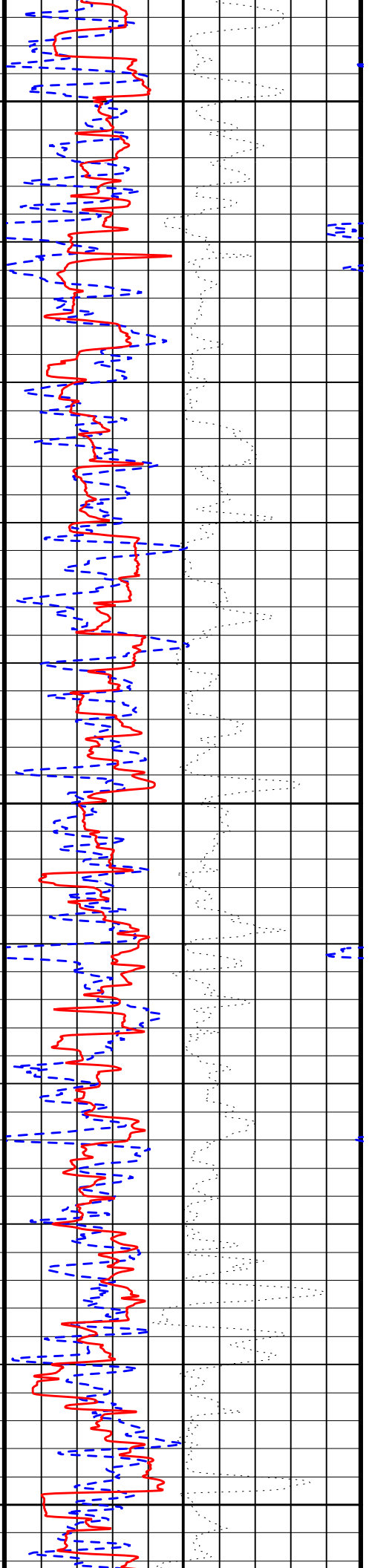
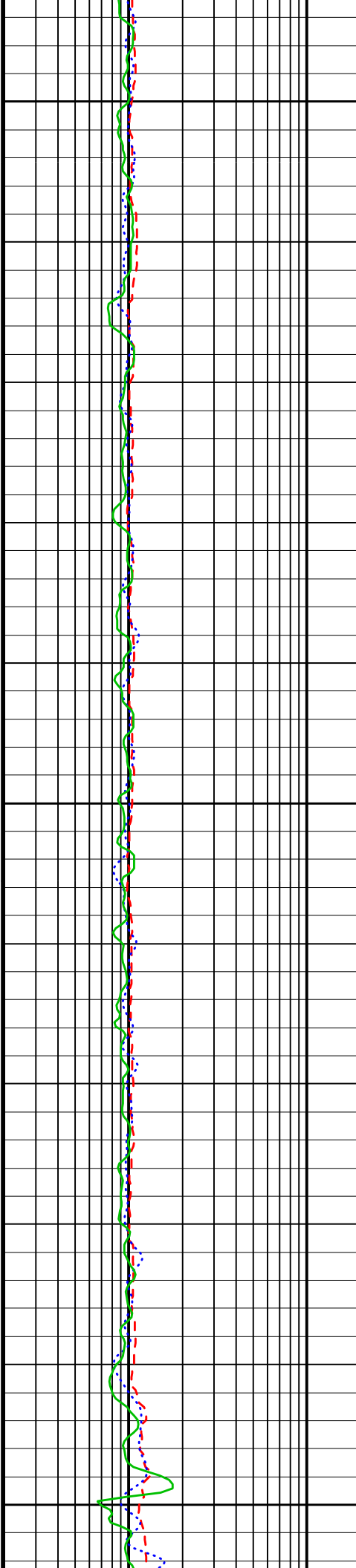


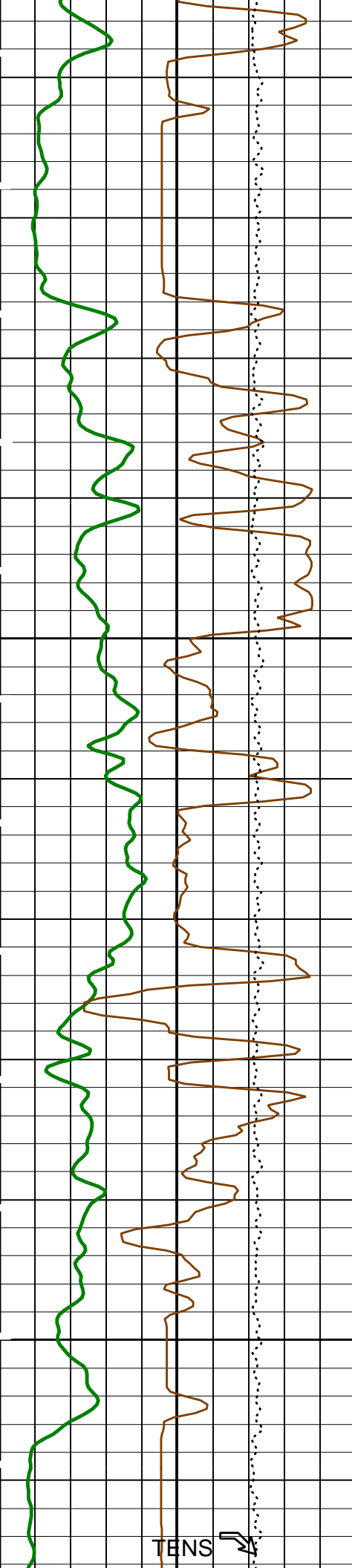


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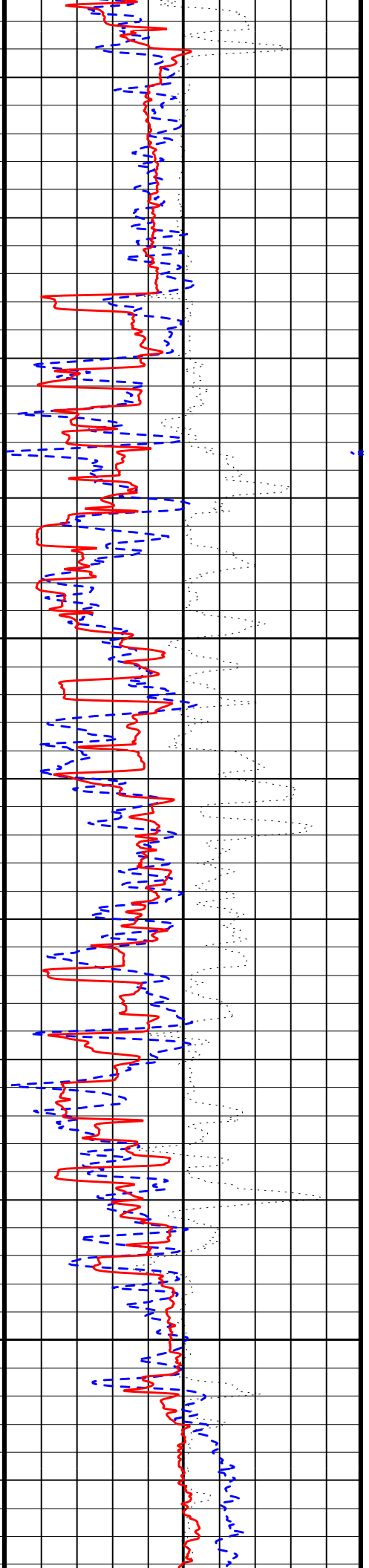
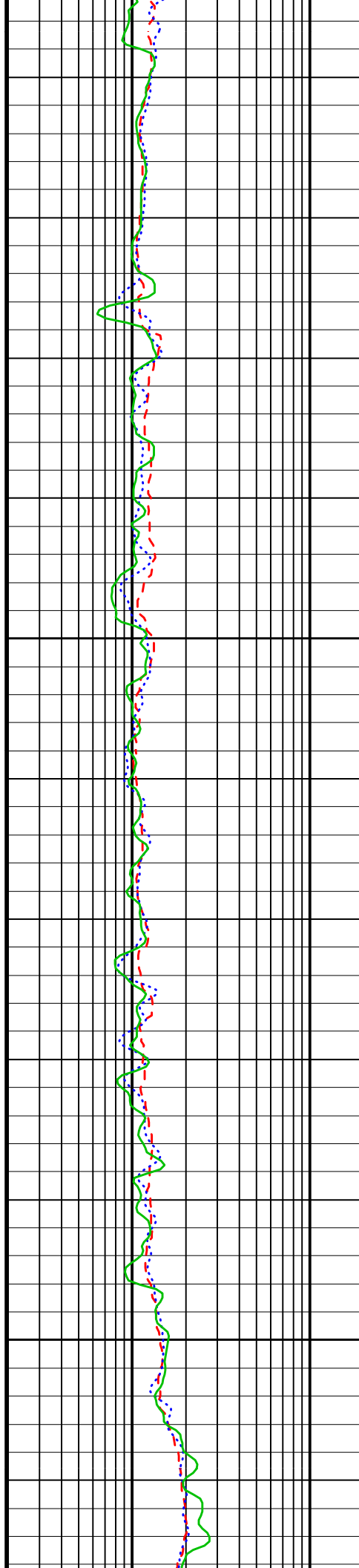
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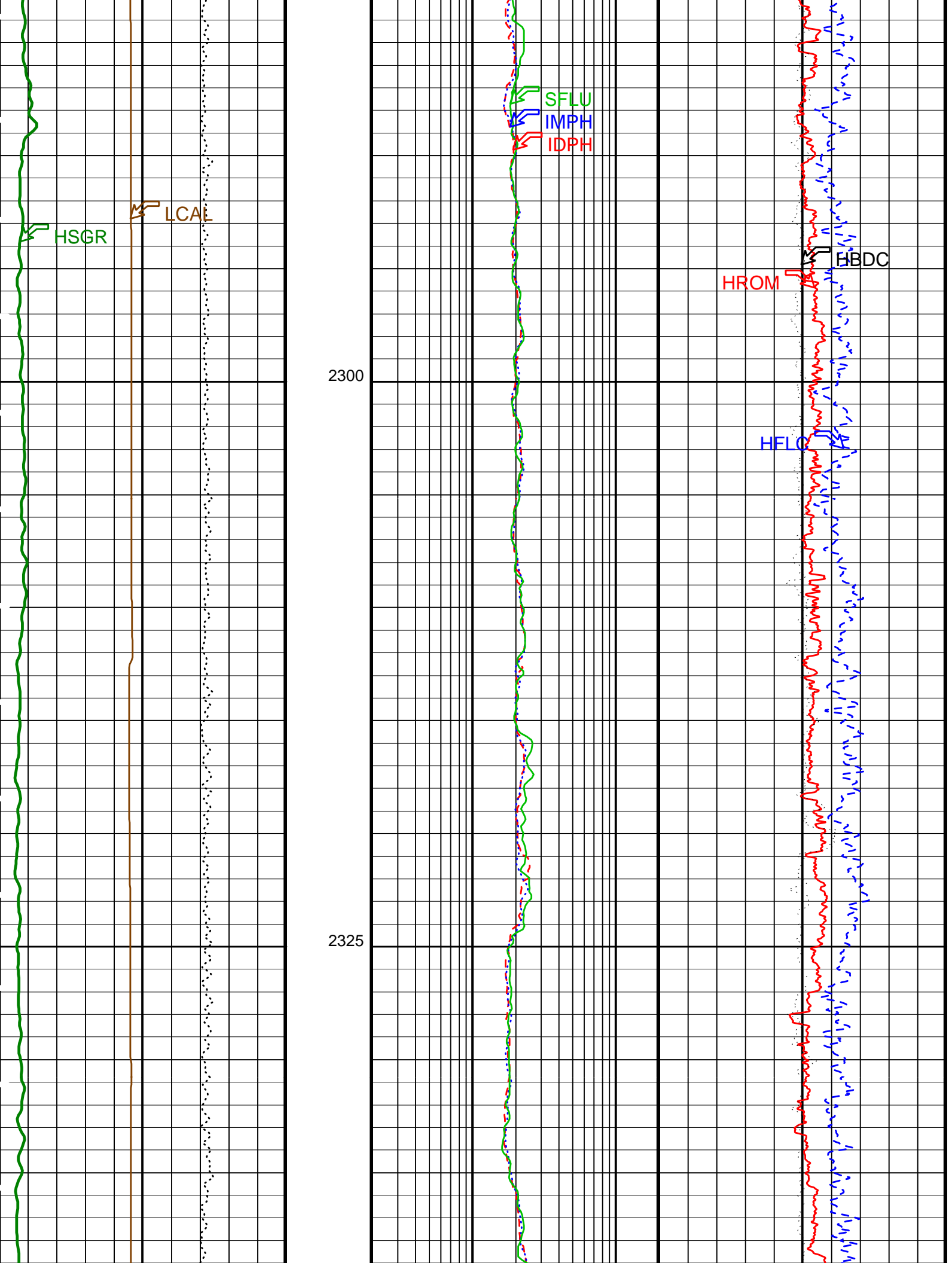


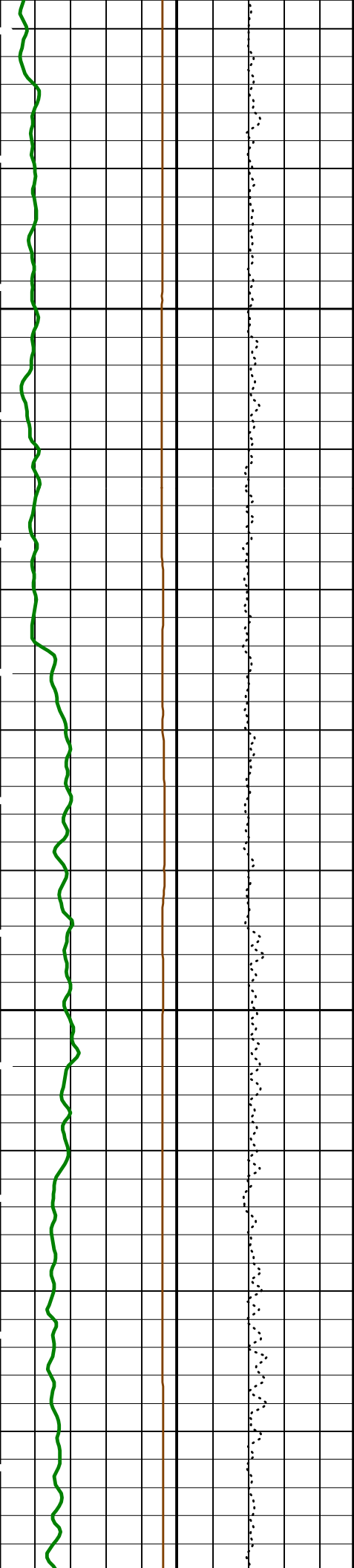


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2275

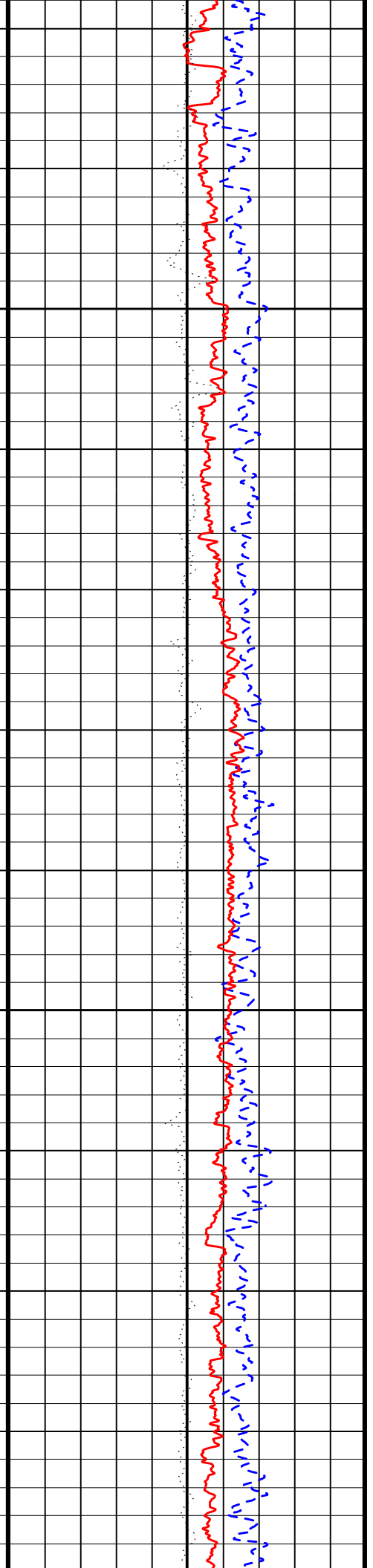
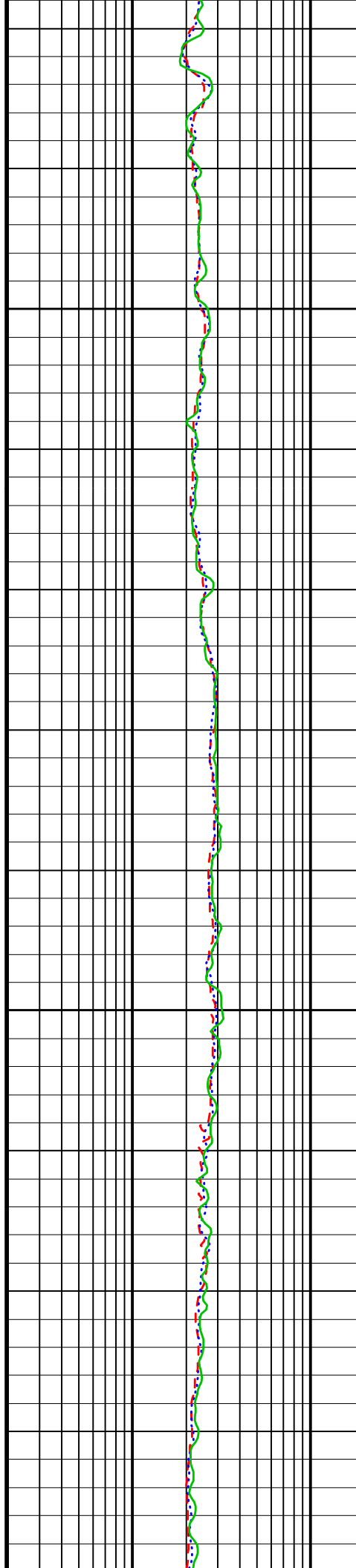


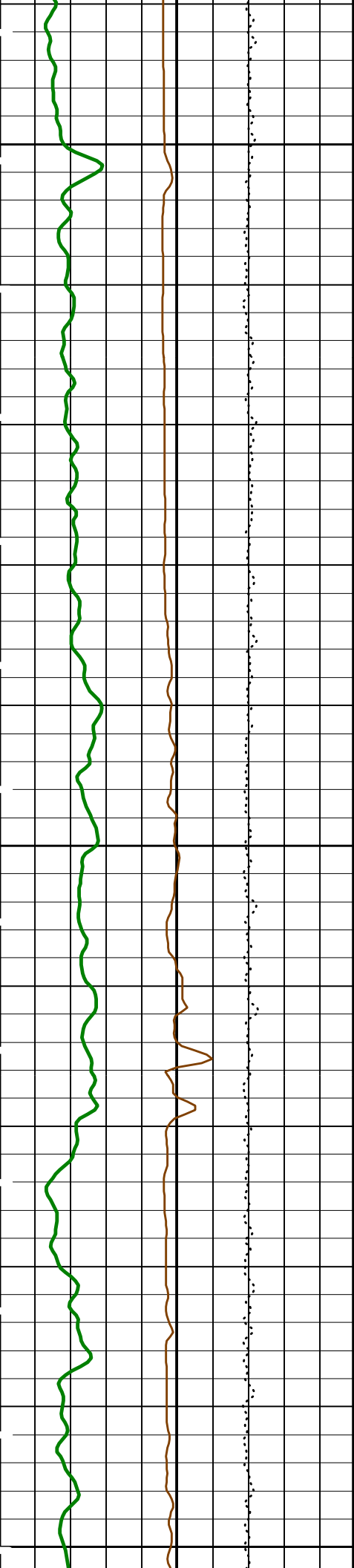




2350

2375

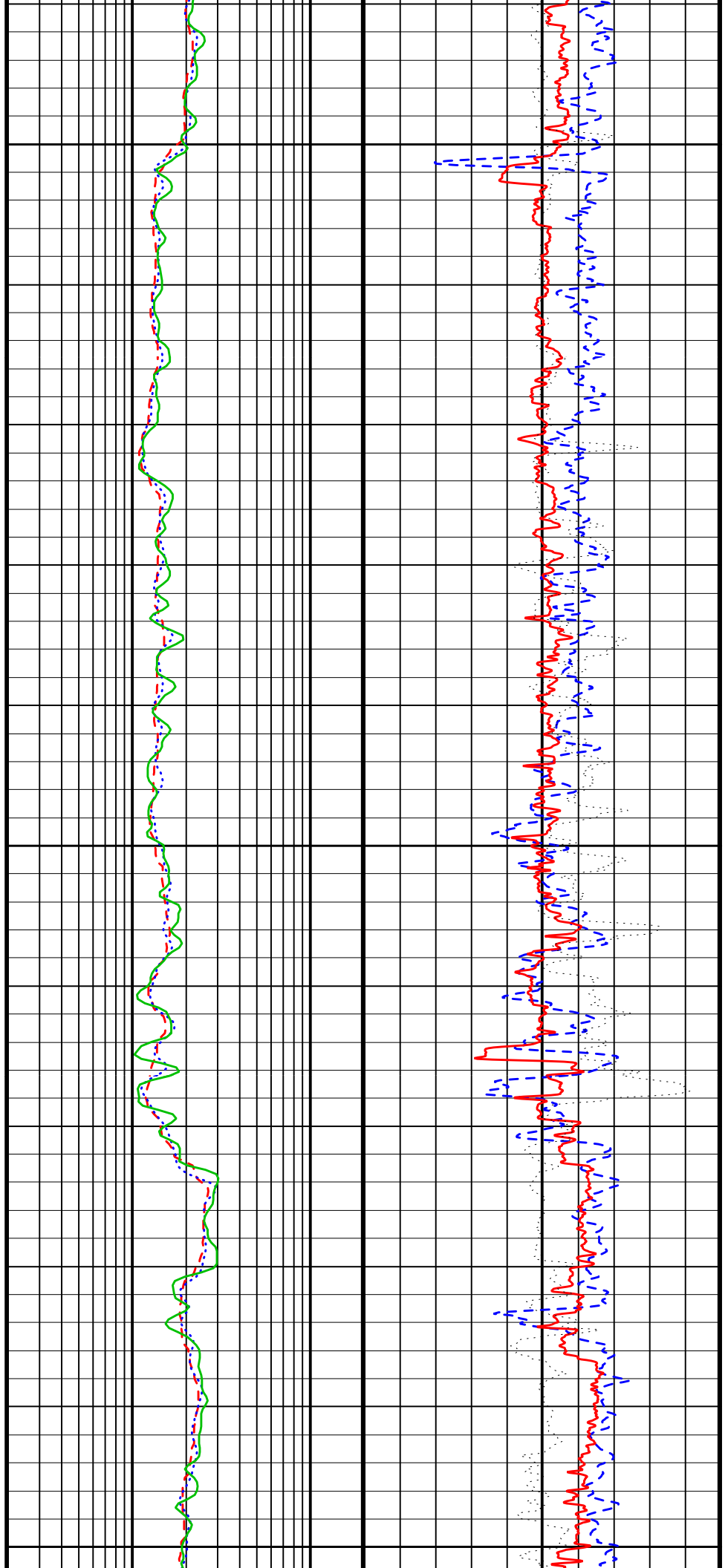


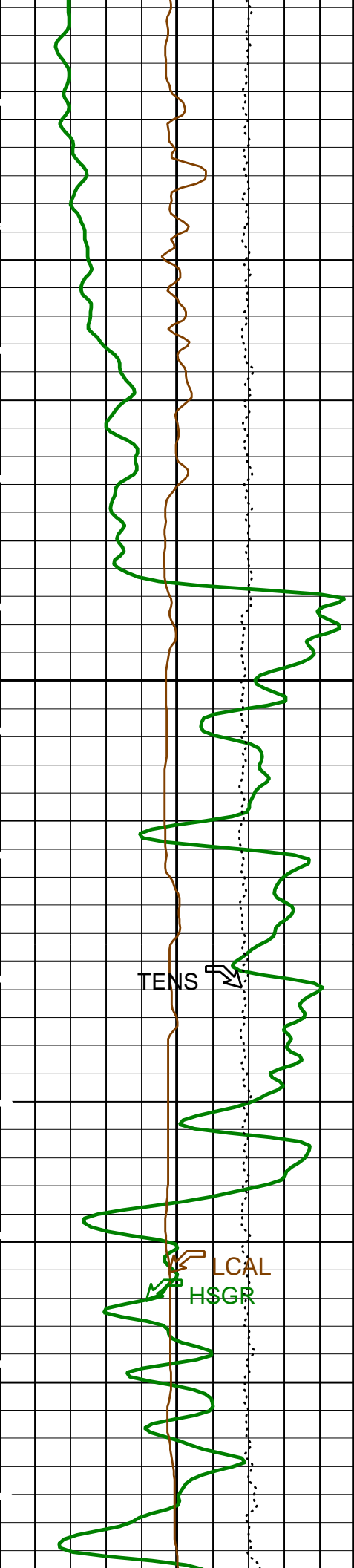


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2425

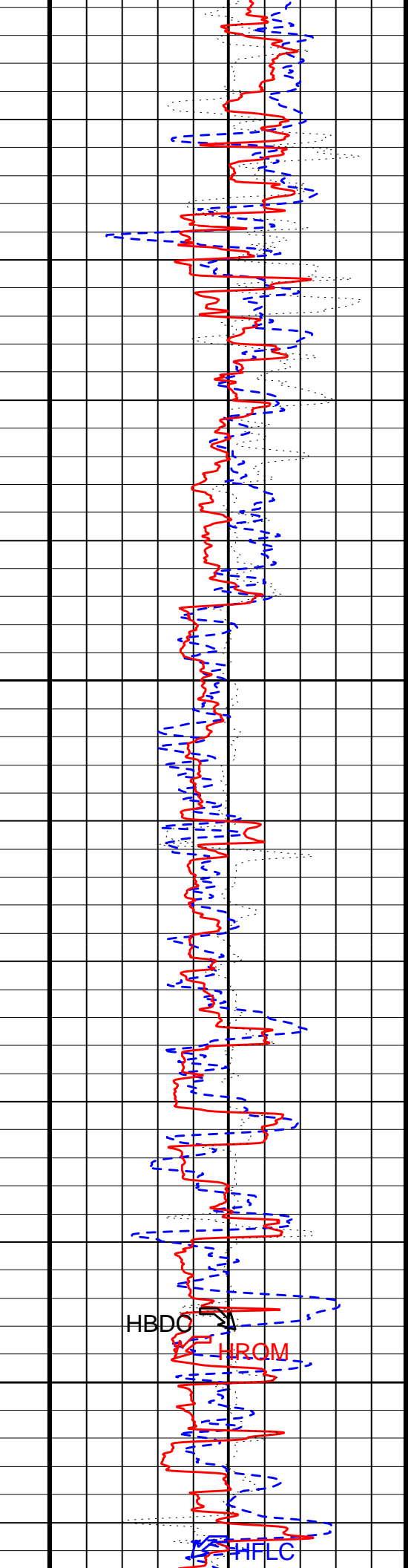
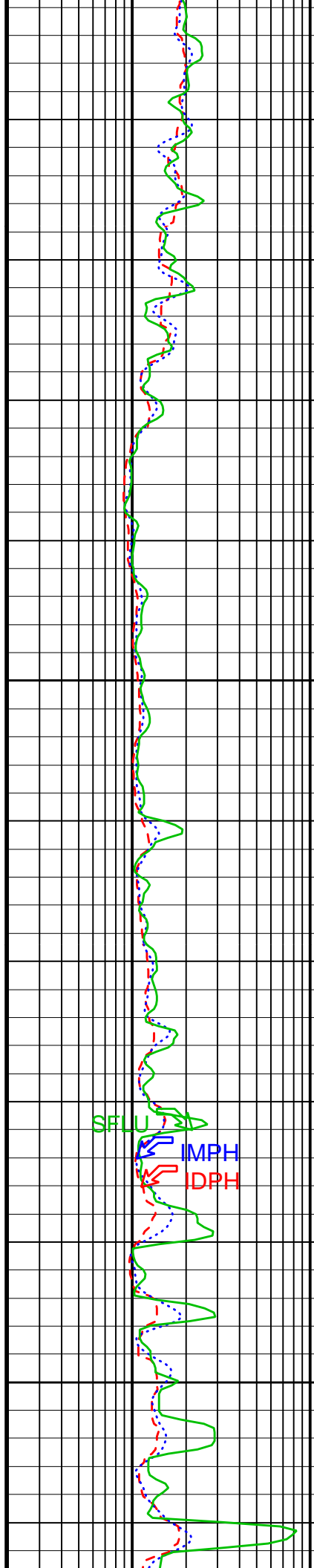
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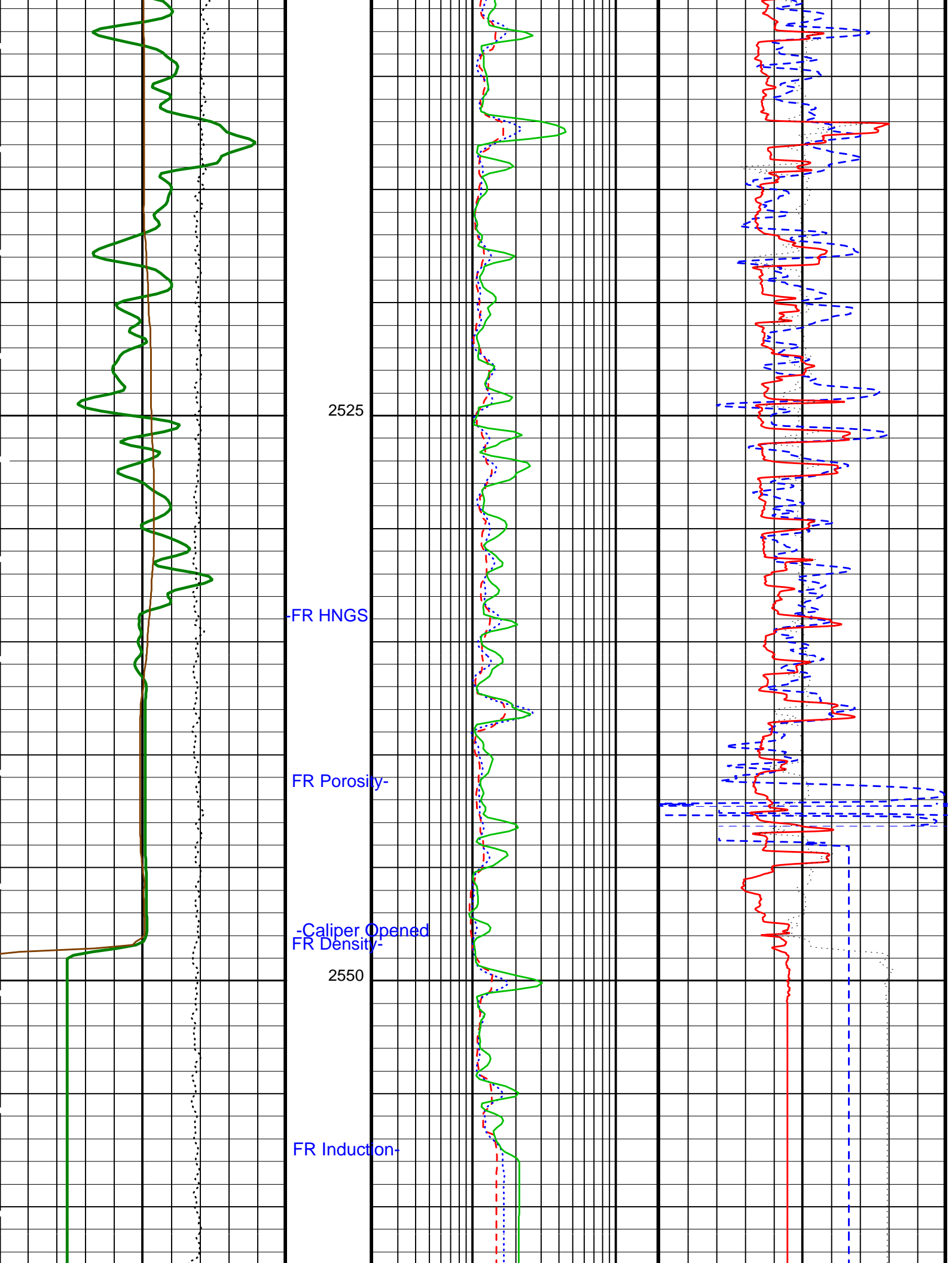




2475

2500







-TD-		Pass #2	
HLDS Caliper (LCAL) 0 (IN) 20	Deep Induction Phasor-processed Resistivity (IDPH) 0.2 (OHMM) 20	APS HR Near/Far Corrected Limestone Porosity (HFLC) 100 (PU) 0	
Tension (TENS) 10000 (LBF) 0	Medium Induction Phasor-processed Resistivity (IMPH) 0.2 (OHMM) 20	HLDS HR Bulk Density (HROM) 1 (G/C3) 3	
HNGS Spectroscopy Gamma Ray (HSGR) 0 (GAPI) 150	SFL Unaveraged (SFLU) 0.2 (OHMM) 20	HLDS HR Bulk Density Correction (HBDC) -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	
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/Disallow In Processing		ALLOW	
H2P	HNCS Detector 2 Allow/Disallow In Processing		ALLOW	
HABK	HNCS Borehole Potassium Running Average		-0.0016781	
HALF	HNCS Alpha Filter Length		60	IN
HCRB	HNCS Apply Borehole Potassium Correction		NONE	
HMWM	Mud Weighting Material		NATU	
HNPE	HNCS Processing Enable		YES	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE		
S1BI	HNCS Detector 1 Calibration Bismuth Count Rate		-999.25	CPS
S2BI	HNCS Detector 2 Calibration Bismuth Count Rate		-999.25	CPS
SGRC	HNCS Standard Gamma-Ray Correction Flag		YES	
SHT	Surface Hole Temperature		20	DEGC
TPOS	Tool Position		ECCE	
VBA1	HNCS Detector 1 Variable Barite Factor Running Average		0.982356	
VBA2	HNCS Detector 2 Variable Barite Factor Running Average		0.991526	
System and Miscellaneous				
ALTDCHAN	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		2665.00	M
TDL	Total Depth - Logger		2665.00	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		

### Output DLIS Files

DEFAULT	PI_LDL_APS_NGS_008LUP	FN:12	PRODUCER	21-Feb-2003 21:50
REDUCE	PI_LDL_APS_NGS_008LUP	FN:13	PRODUCER	21-Feb-2003 21:50

### Output DLIS Files

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REDUCE	PI_LDL_APS_NGS_007LUP	FN:11	PRODUCER	21-Feb-2003 20:16	2564.9 M	2210.0 M

### OP System Version: 10C0-306

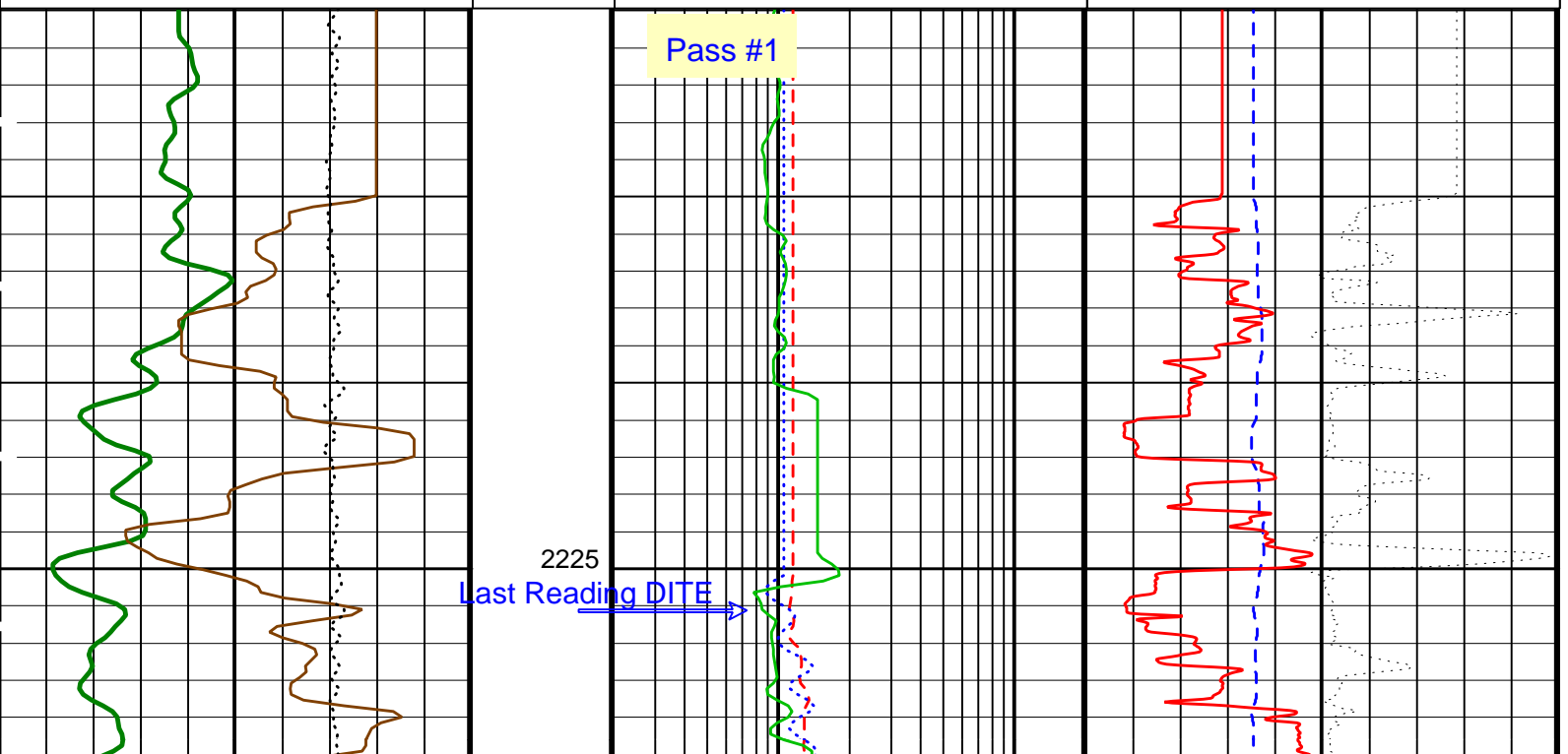
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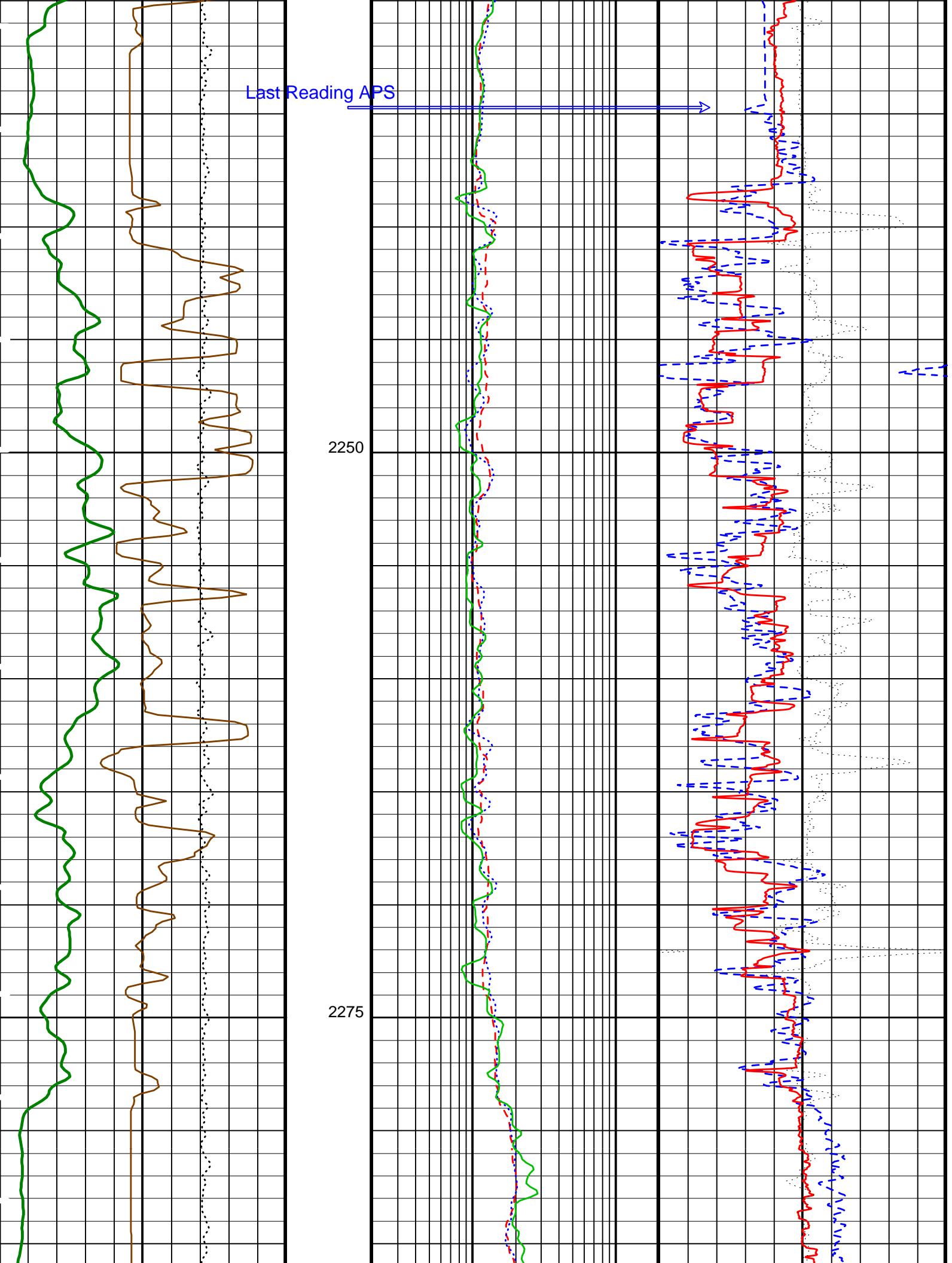
DIT-E	10C0-306	DTA-A	10C0-306
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APS-BA	SPC-2277-NUCL_b	HNGS-BA	SPC-2277-NUCL_b
DTC-H	10C0-306		

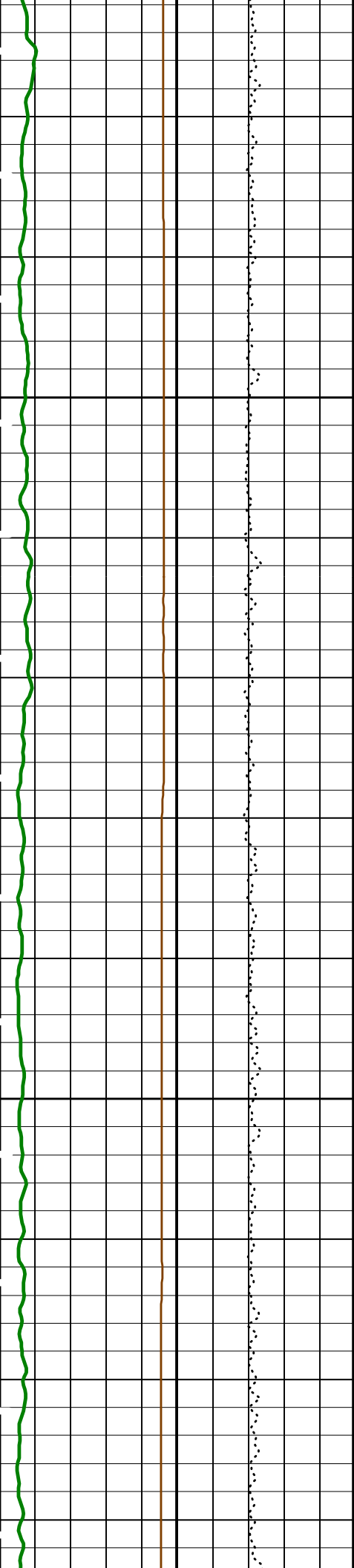
### PIP SUMMARY

Time Mark Every 60 S

<b>HNGS Spectroscopy Gamma Ray (HSGR)</b> (GAPI) 0 150	<b>SFL Unaveraged (SFLU)</b> (OHMM) 0.2 20	<b>HLDS HR Bulk Density Correction (HBDC)</b> (G/C3) -0.25 0.25
<b>Tension (TENS)</b> (LBF) 10000 0	<b>Medium Induction Phasor-processed Resistivity (IMPH)</b> (OHMM) 0.2 20	<b>HLDS HR Bulk Density (HROM)</b> (G/C3) 1 3
<b>HLDS Caliper (LCAL)</b> (IN) 0 20	<b>Deep Induction Phasor-processed Resistivity (IDPH)</b> (OHMM) 0.2 20	<b>APS HR Near/Far Corrected Limestone Porosity (HFLC)</b> (PU) 100 0

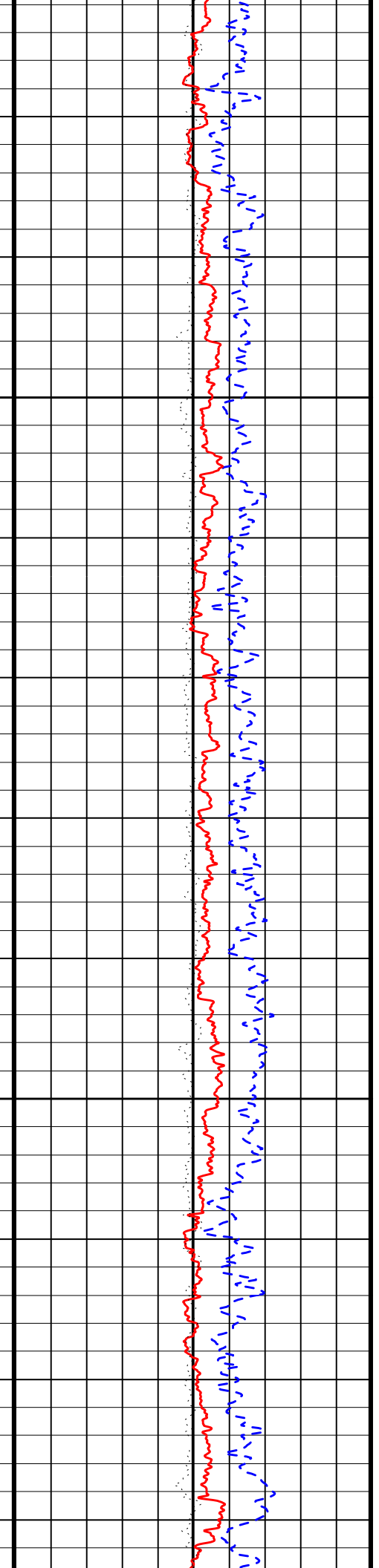
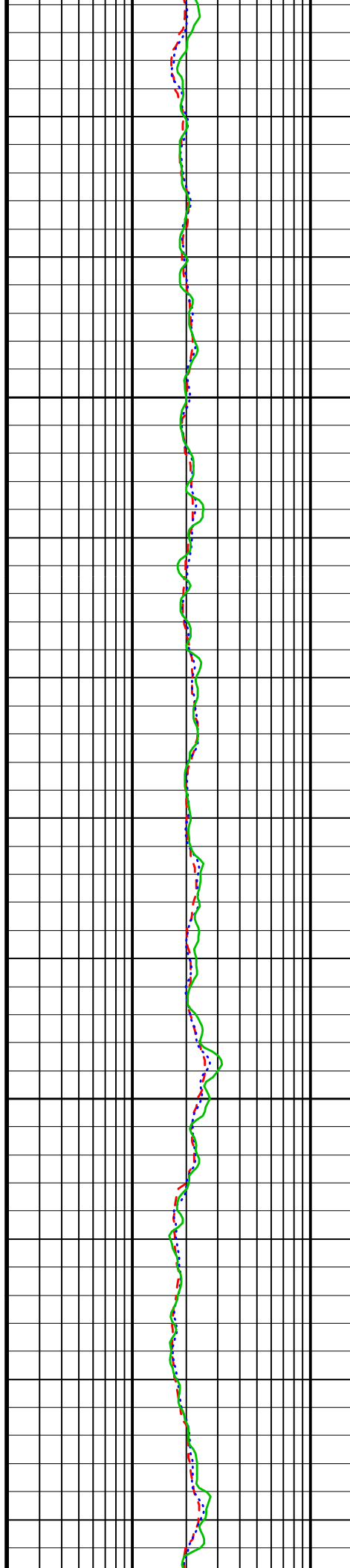


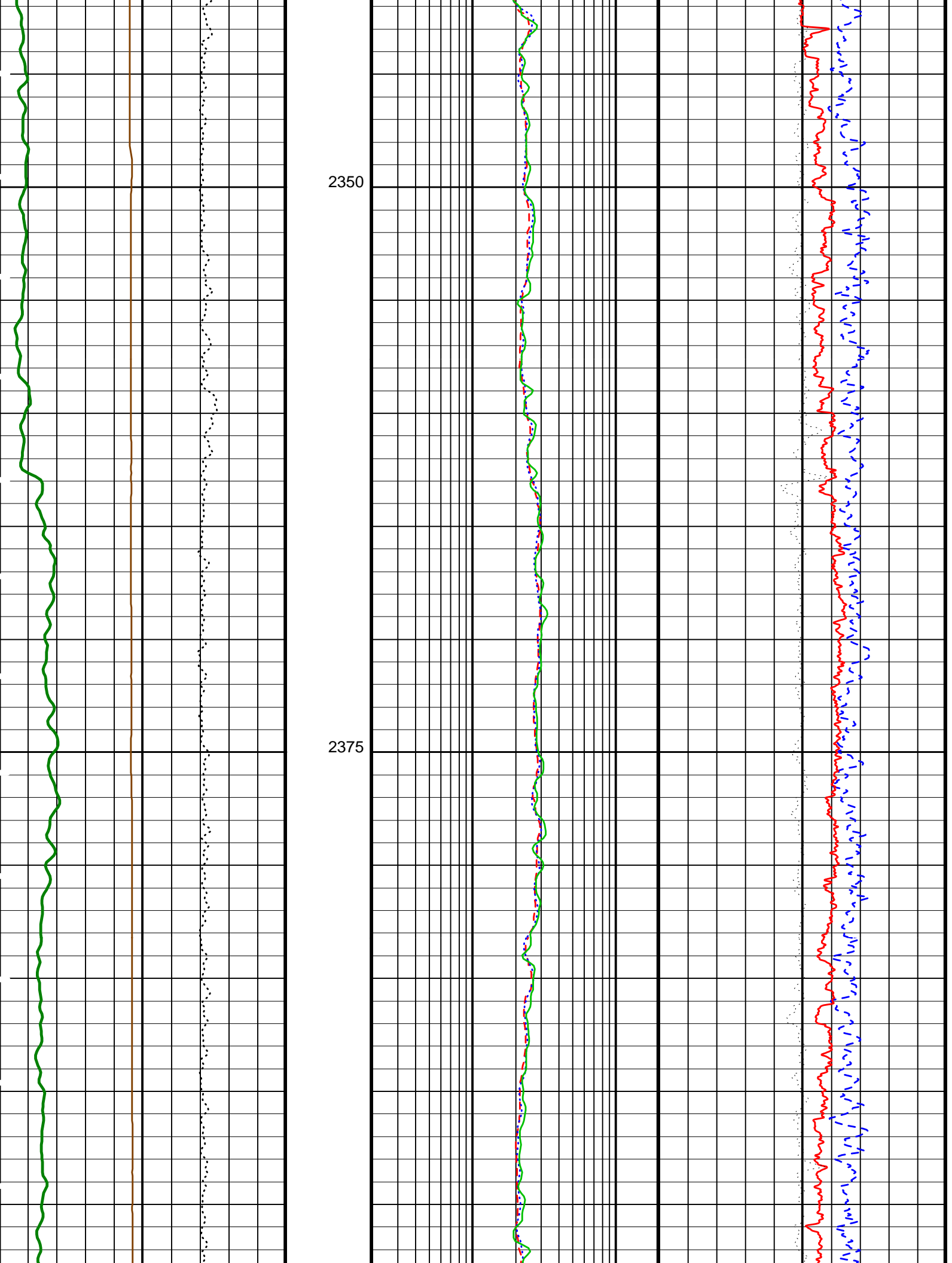




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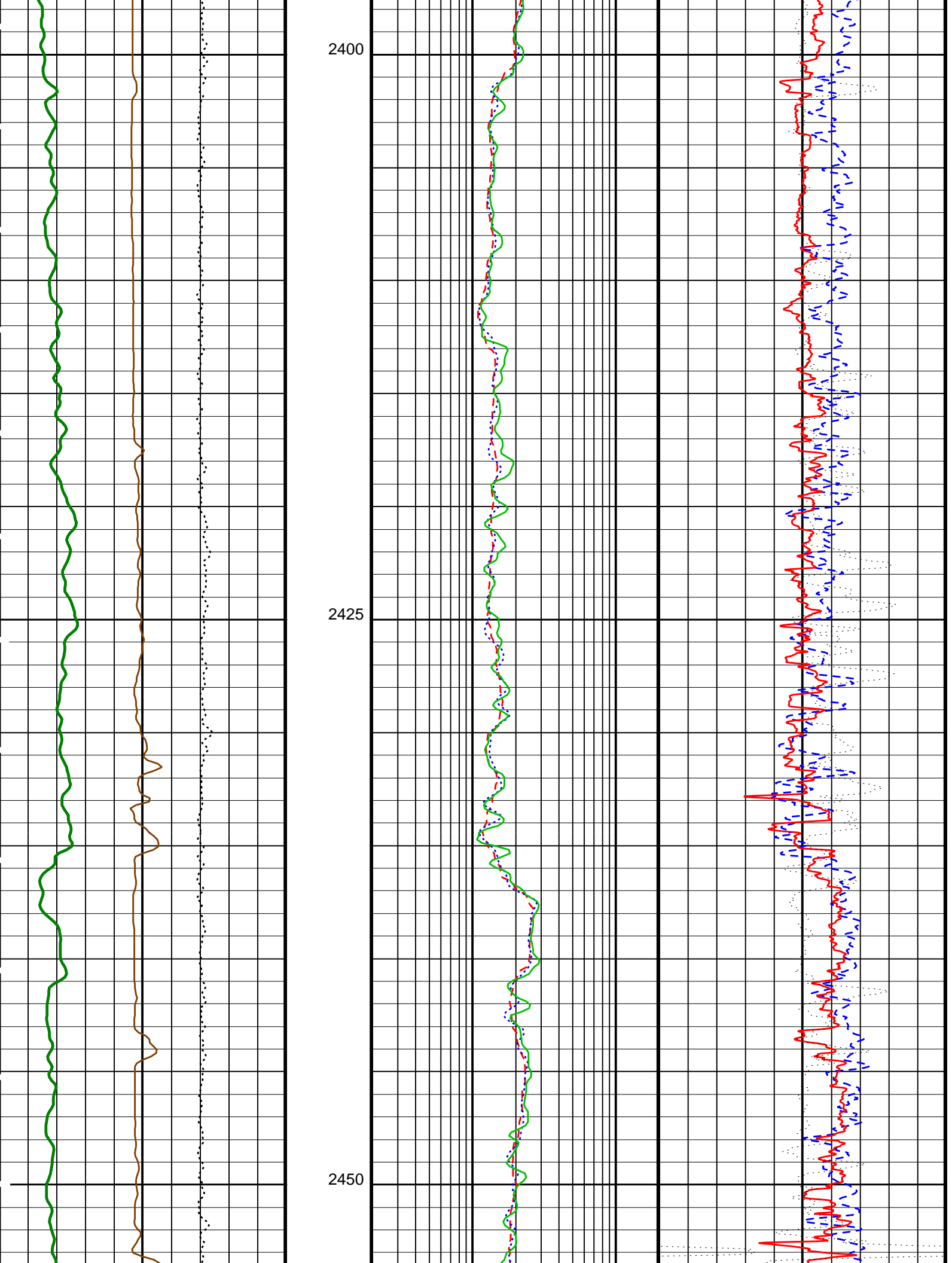
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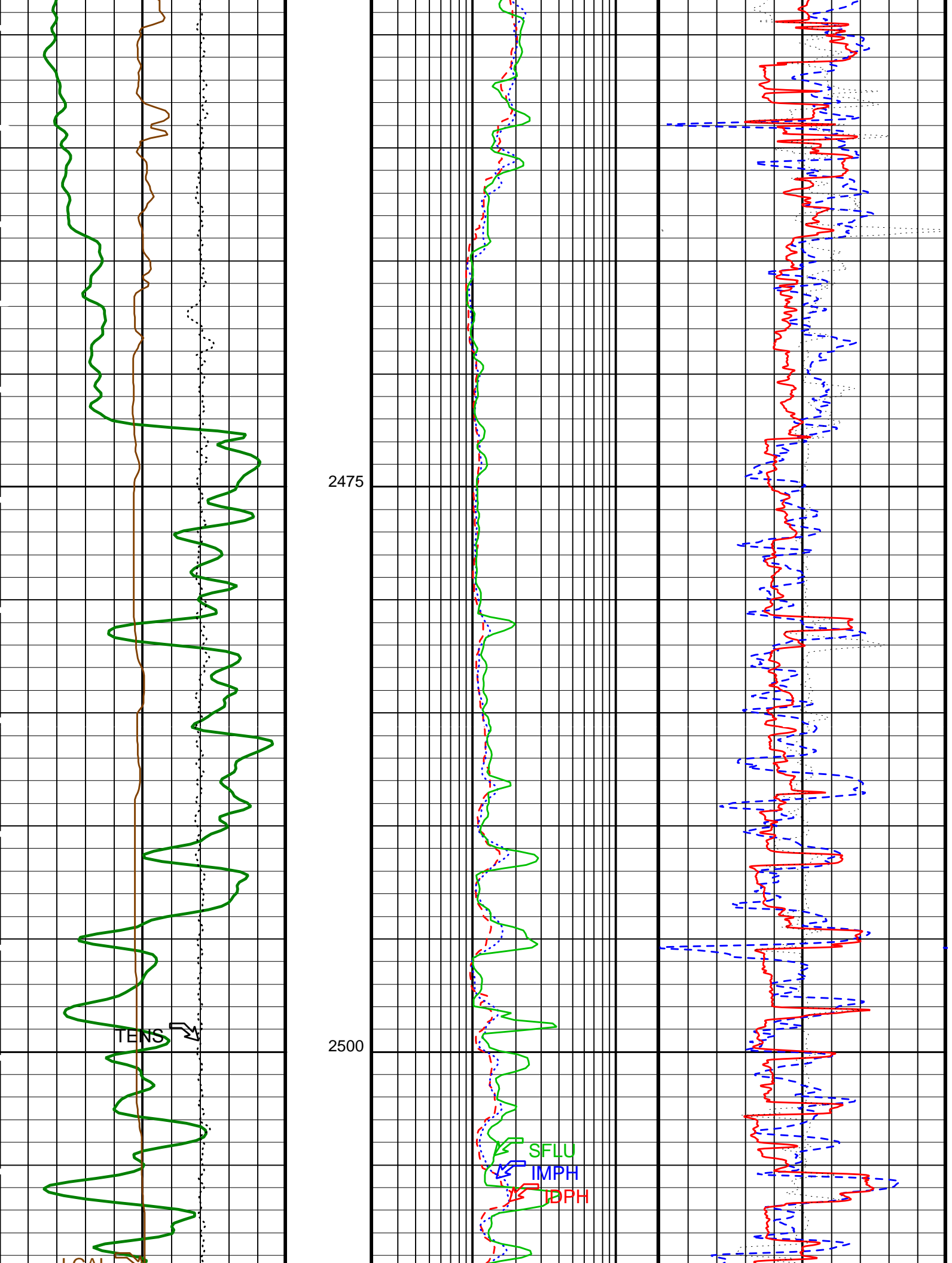




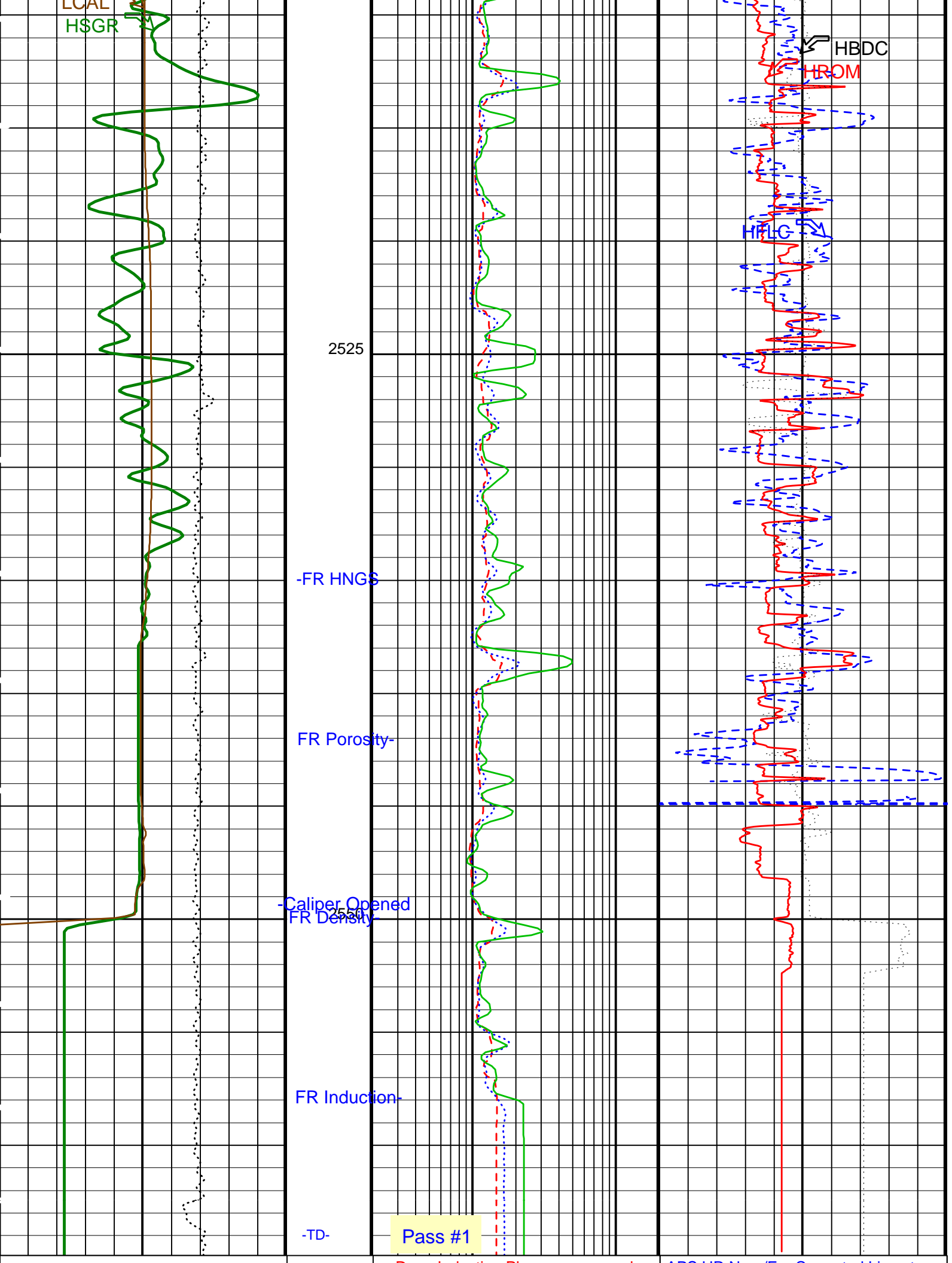
2350

2375









LOCAL  
HSGR

HBDC  
HROM

2525

-FR HNGS

FR Porosity

-Caliper Opened  
FR Density

FR Induction

-TD-

Pass #1

IFLG

ABSORB (mT) 2

HLDS Caliper (LCAL)		Deep Induction Phasor-processed Resistivity (IDPH)		APS HR Near/Far Corrected Limestone Porosity (HFLC)	
0	(IN)	20	0.2	(OHMM)	20
Tension (TENS)		Medium Induction Phasor-processed Resistivity (IMPH)		HLDS HR Bulk Density (HROM)	
10000	(LBF)	0	0.2	(OHMM)	20
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	

MLM	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
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	-0.0363765	
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	0.989291	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.986123	
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	2665.00	M
TDL	Total Depth - Logger	2665.00	M
TWS	Temperature of Connate Water Sample	37.78	DEGC

# 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:10	PRODUCER	21-Feb-2003 20:16
REDUCE	PI_LDL_APS_NGS_007LUP	FN:11	PRODUCER	21-Feb-2003 20:16

Company: Lamont Doherty

**Schlumberger**

Well: ODP Leg 207 Site 1261B

Field: Demarara Rise

Country: Venezuela

Ocean: Atlantic

Phasor Induction

Density (HLDS) / Porosity (APS)

Natural Gamma Ray