

DISCLAIMER

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OTHER SERVICES1 OS1: FMS OS2: UBI OS3: HNGS OS4: HLDS/APS OS5: GBM	OTHER SERVICES2 OS1: OS2: OS3: OS4: OS5:
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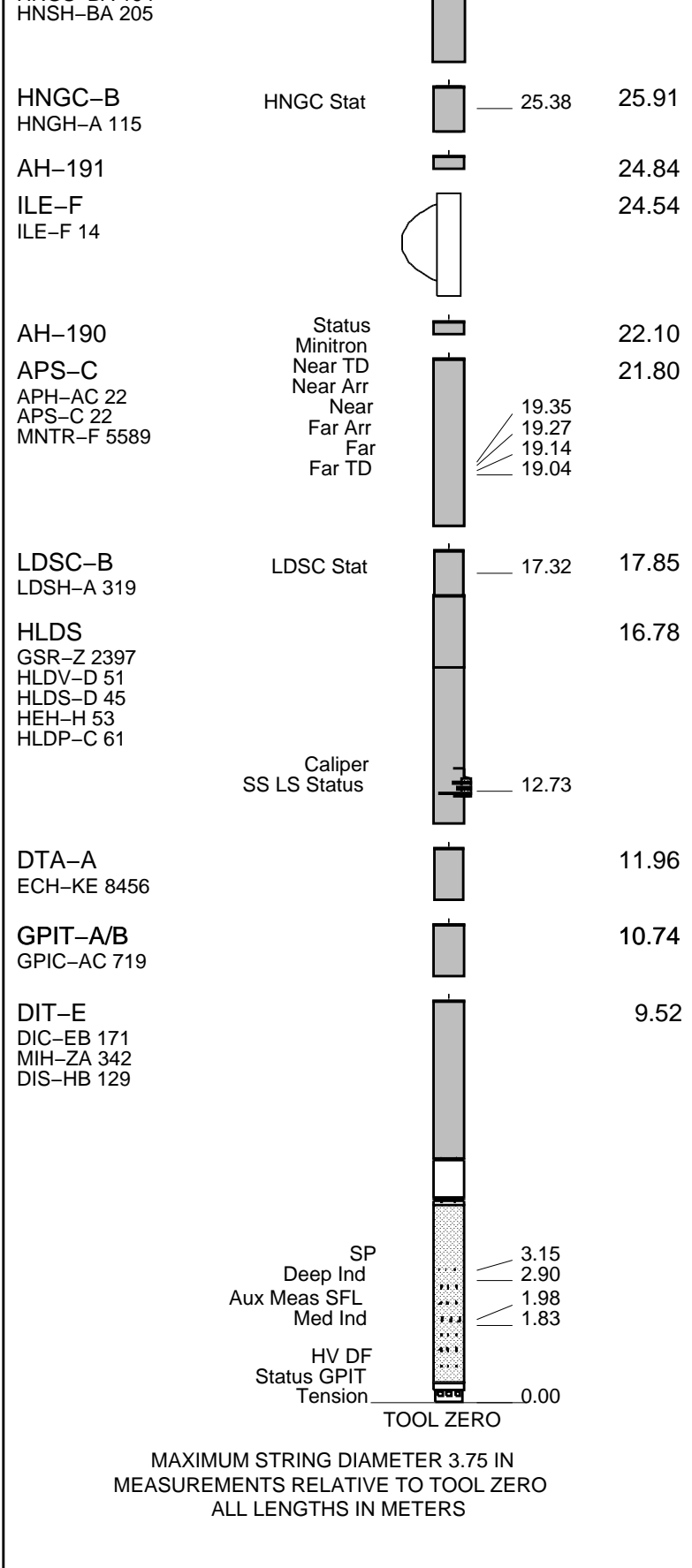
REMARKS: RUN NUMBER 1 Depths originally recorded from drill floor as main depth reference. Log files were played back with offset of 1570m to force sea floor as the new reference. This log references sea floor at 0 m. TD of hole at 522m (driller), 520 m (log) Tools run inside drill pipe and drill collars thru bit release and BHA. 9 7/8" bit released prior to logging. ID of pipe at minimum is 4.1" diameter. ILE inline eccentralizer run for APS porosity tool to eccentralize it. GPIT run with tool for Active Heave Compensator testing (AHC). GR spike at 75m possibly related to APS neutron activation by correcting wrap on cable drum requiring toolstring to descend in order to repair. Repeat section shows GR at slightly ligher level due to Neutron activation of the borehole. Multiple attempts at logging this hole were made, with last attempt being successful after full wiper trip and drilling through obstructions.	REMARKS: RUN NUMBER 2
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RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION:		17C0-154	PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1		RUN 2	
SURFACE EQUIPMENT			
SFT-281 1 SFT-178 1 GSR-U 616008 WITM (DTS)-A			

DOWNHOLE EQUIPMENT			
LEH-QT		30.21	
LEH-QT 301			
DTC-H	CTEM	29.04	
ECH-KC 1777	TelStatus	29.32	
	ToolStatu	28.41	
HNGS-BA	Upper_1	27.71	28.41
HNGS-BA 194	Lower_2	27.50	



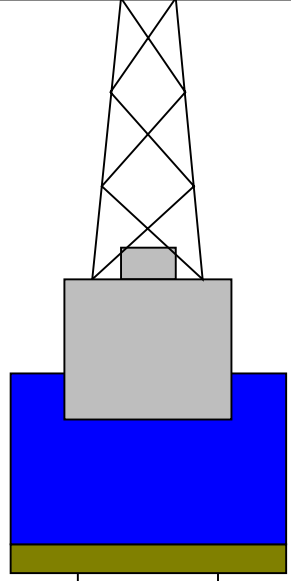
Production String	(in)	(M)	Well Schematic	(M)	(in)	Casing String
	OD	ID		MD	MD	

Kelly Bushing Elevation
Derrick Floor Elevation

Mean Sea Level

-1570
-1570

-1550



4.1



0
128

522

4.1
9.875

Sea Floor
Open Hole

Total Depth

Input DLIS Files

PI_LDL_APS_NGS_028LUP	FN:48	20-Jan-2011 21:03	1819.7 M	1549.7 M
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Output DLIS Files

DEFAULT	PI_LDL_APS_NGS_114PUP	FN:4	PRODUCER	11-Feb-2011 07:08	249.9 M	-20.3 M
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OP System Version: 17C0-154

DIT-E	17C0-154	GPIT-A/B	SRPC-3971-Q1_2010_OP17
DTA-A	17C0-154	HLDS	SPC-3961-OP17_NUCL
LDSC-B	SPC-3961-OP17_NUCL	APS-C	SPC-3961-OP17_NUCL
HNGC-B	SPC-3961-OP17_NUCL	HNGS-BA	SPC-3961-OP17_NUCL
DTC-H	17C0-154		

Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
ICMO	CASED_HOLE	AUTOMATIC_SELECTION	138.7 07:09:26

PIP SUMMARY

Time Mark Every 60 S

HNGS Spectroscopy Gamma Ray
(HSGR)

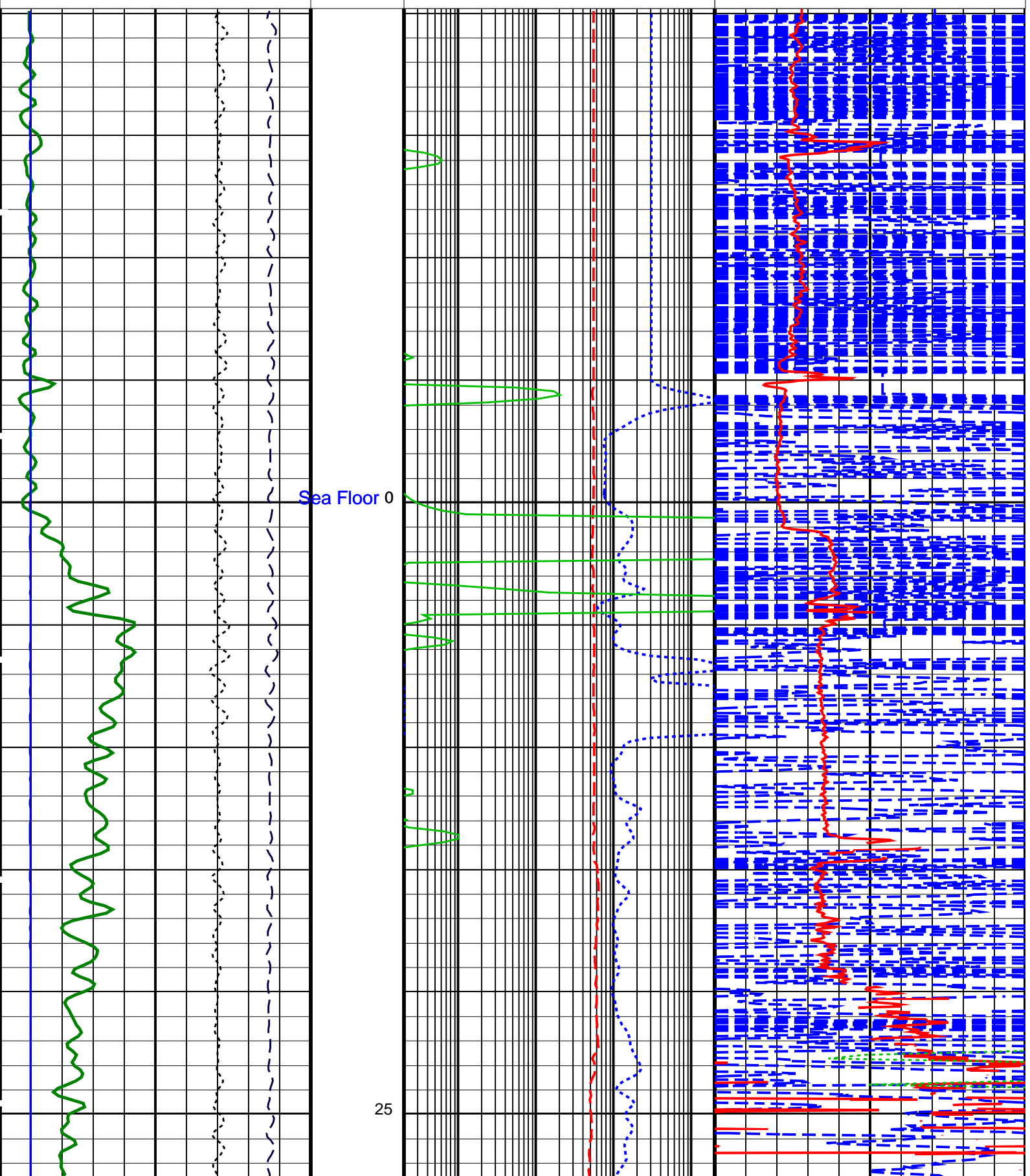
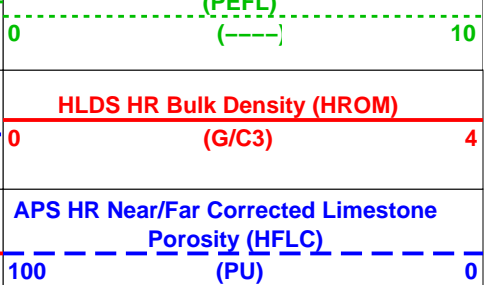
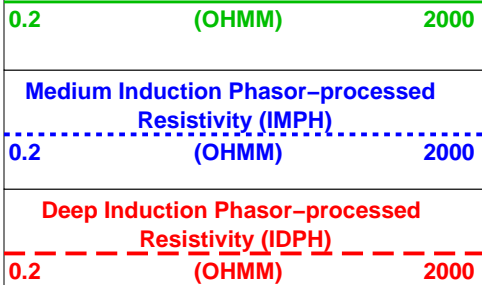
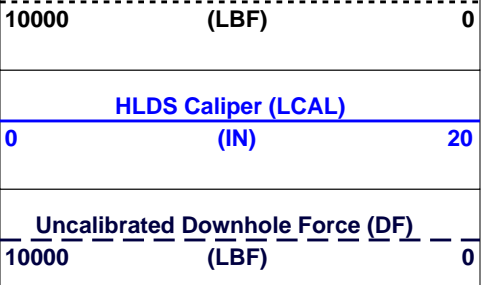
0 (GAPI) 100

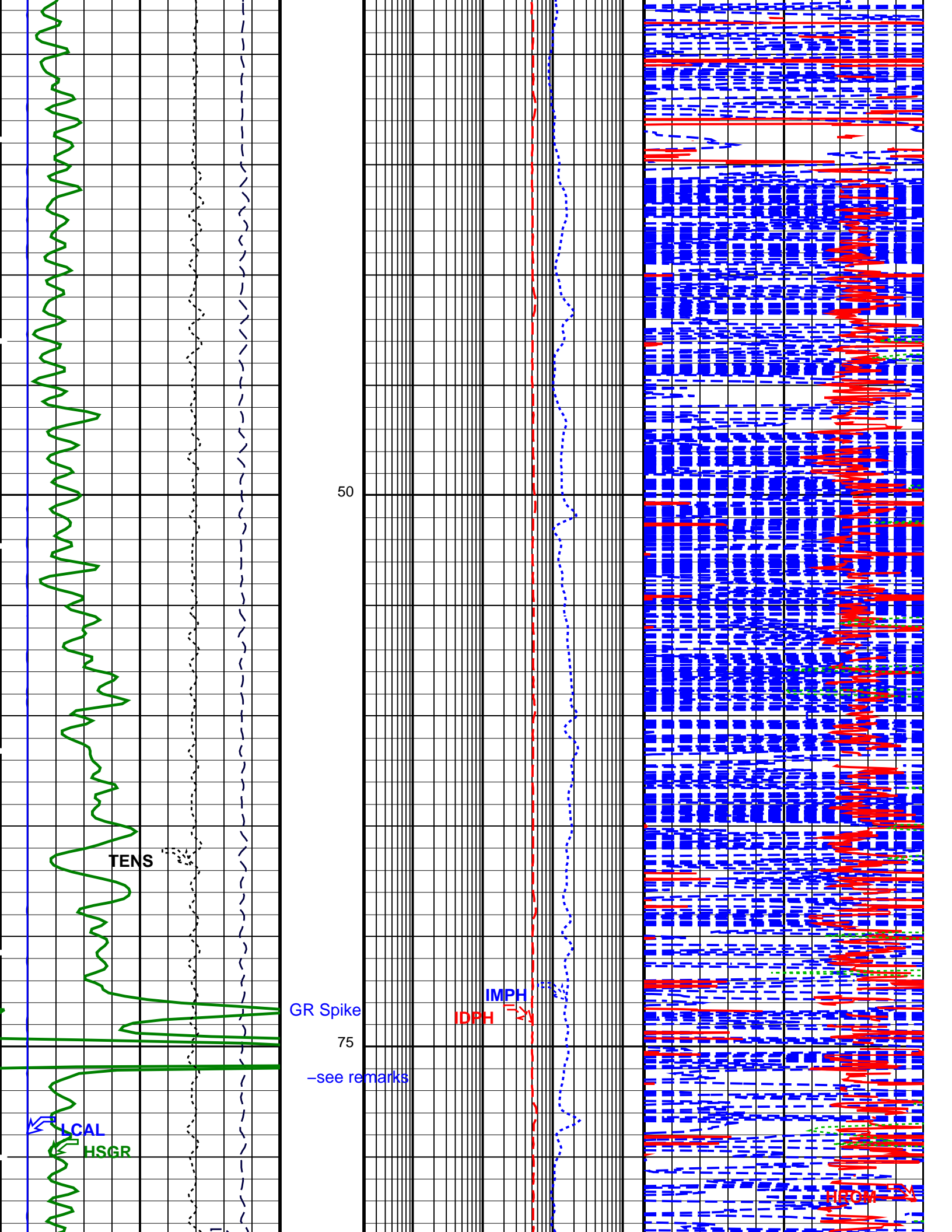
Uplong 2

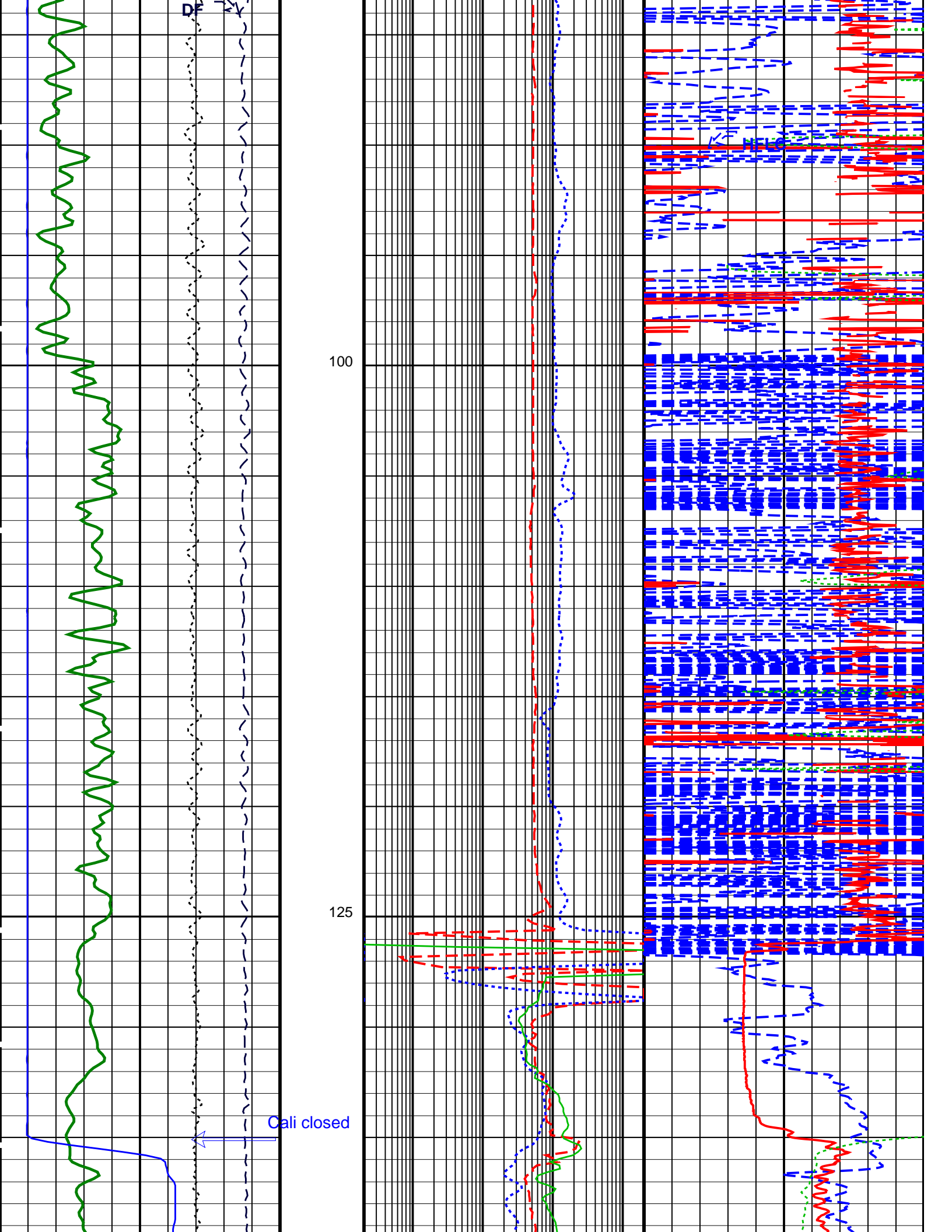
Tension (TENS)

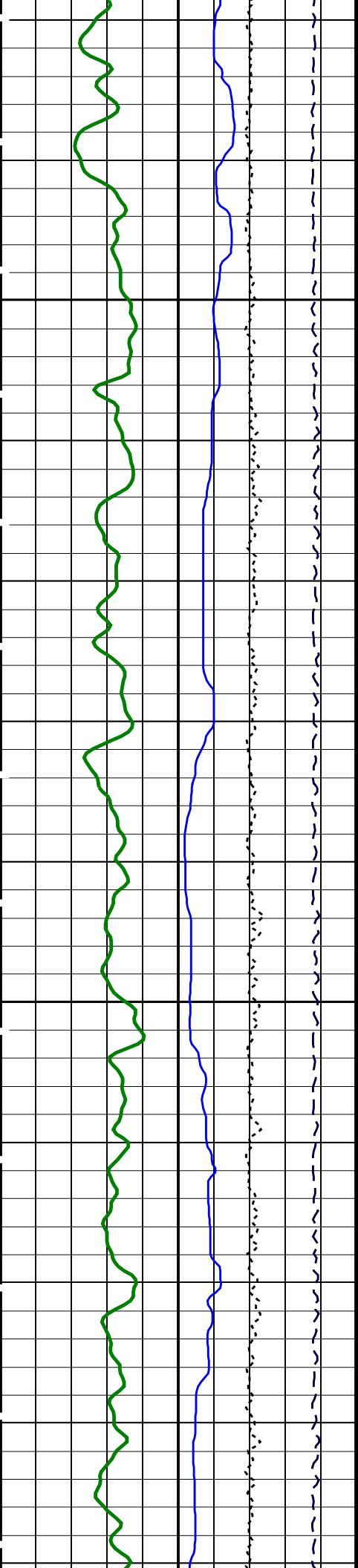
SFL Unaveraged (SFLU)

HLDS Long Spaced Photoelectric Effect
(PSFL)



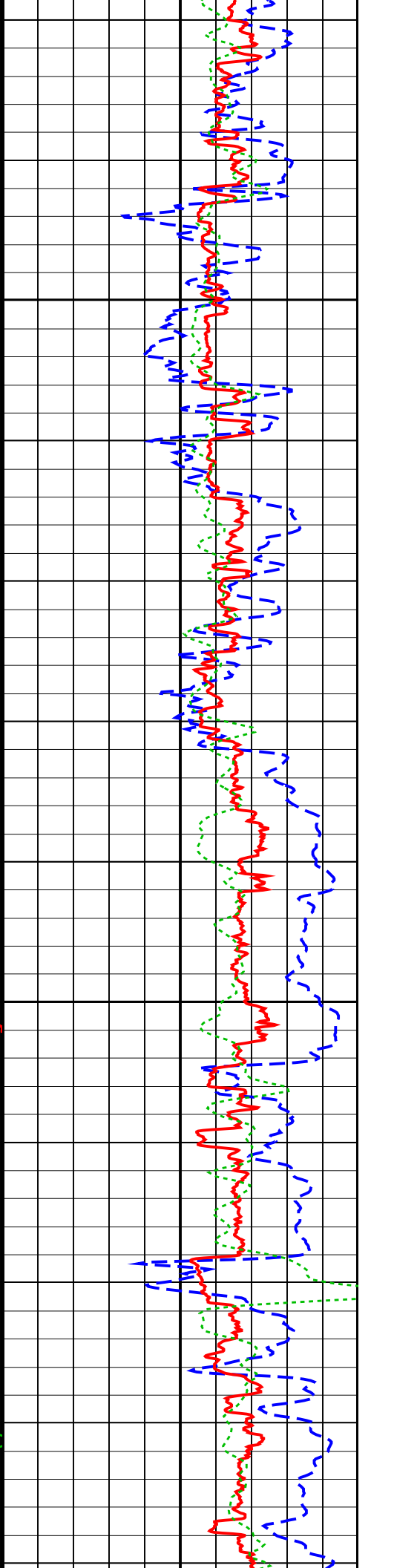
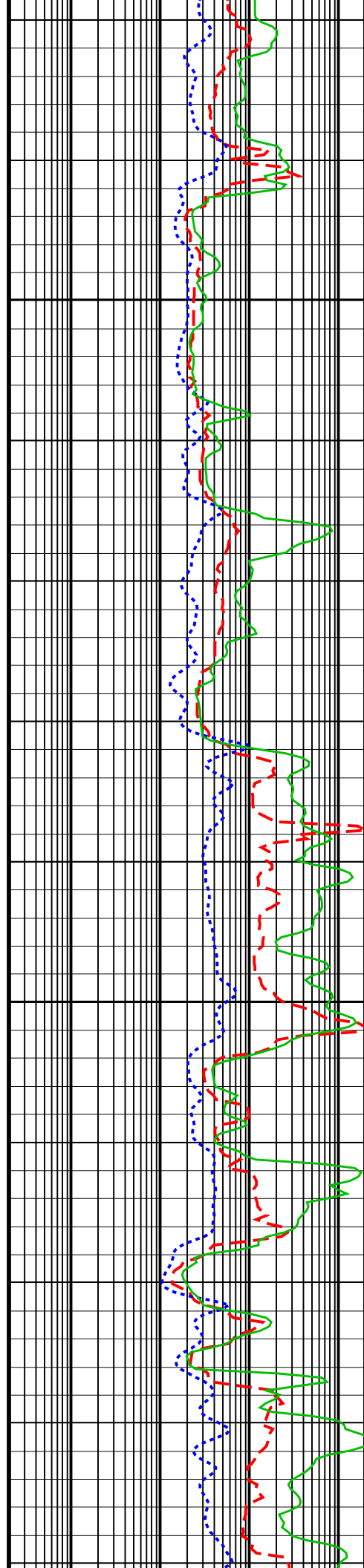


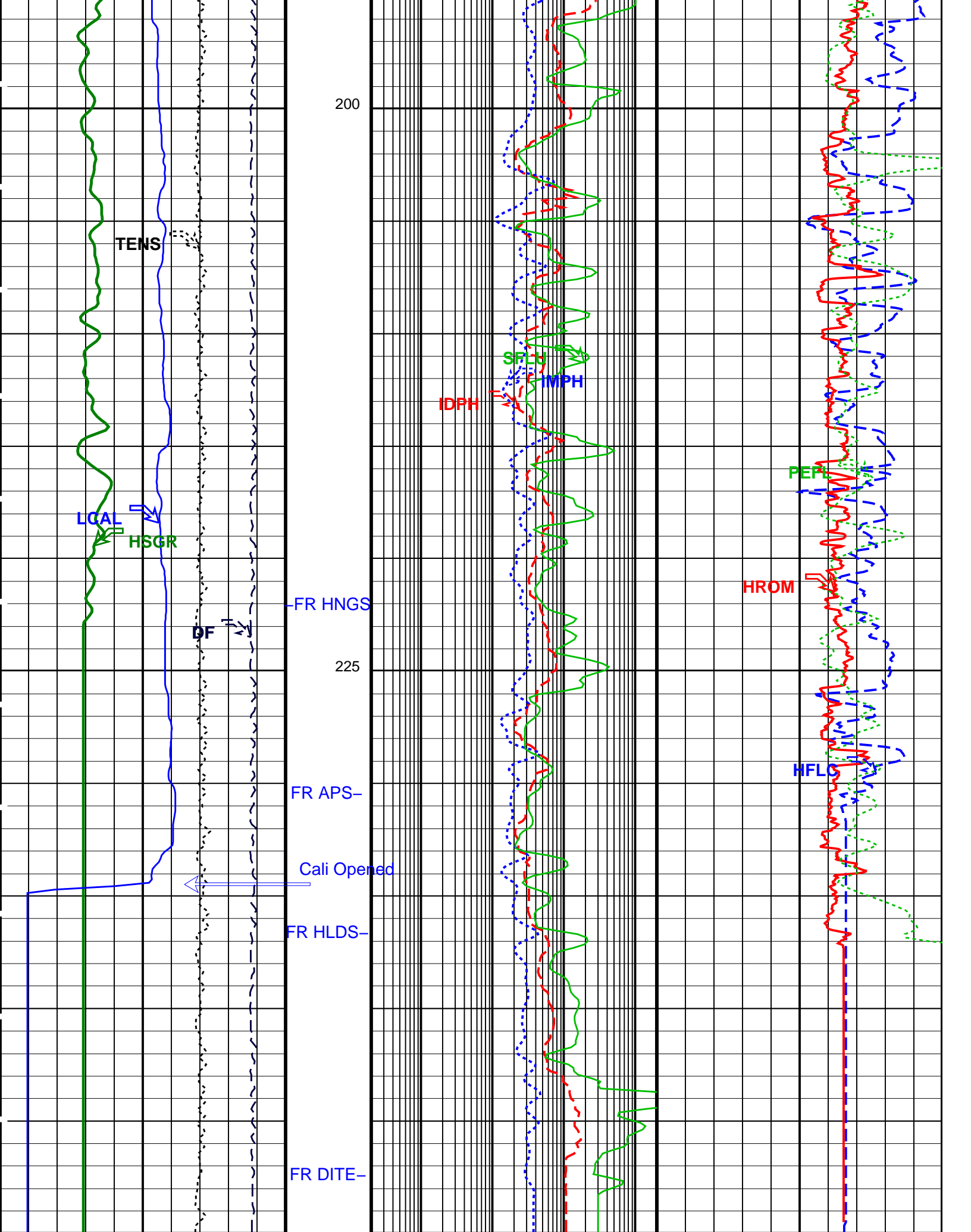




150

175





Uncalibrated Downhole Force (DF)

Deep Induction Phasor-processed

APS HR Near/Far Corrected Limestone

10000 (LBF)	0	0.2 (OHMM)	2000	100 (PU)	0
HLDS Caliper (LCAL)		Medium Induction Phasor-processed Resistivity (IMPH)		HLDS HR Bulk Density (HROM)	
0 (IN)	20	0.2 (OHMM)	2000	0 (G/C3)	4
Tension (TENS)		SFL Unaveraged (SFLU)		HLDS Long Spaced Photoelectric Effect (PEFL)	
10000 (LBF)	0	0.2 (OHMM)	2000	0 (-----)	10
HNGS Spectroscopy Gamma Ray (HSGR)		Uplog 2			
0 (GAPI)	100				

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)	50	DEGF
DGF1	Deep 10 kHz Gain Factor	0.981463	
DGF2	Deep 20 kHz Gain Factor	0.992515	
DGF4	Deep 40 kHz Gain Factor	1.00423	
DPH1	Deep 10 kHz Phase Shift	0.032855	DEG
DPH2	Deep 20 kHz Phase Shift	-0.0620342	DEG
DPH4	Deep 40 kHz Phase Shift	-1.20308	DEG
DRE1	Deep Real 10 kHz Sonde Error Correction	42.3121	MM/M
DRE2	Deep Real 20 kHz Sonde Error Correction	17.1426	MM/M
DRE4	Deep Real 40 kHz Sonde Error Correction	4.87662	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	251.392	MM/M
DXE2	Deep Quad 20 kHz Sonde Error Correction	137.206	MM/M
DXE4	Deep Quad 40 kHz Sonde Error Correction	77.8842	MM/M
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
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	
ISSBAR	Barite Mud Switch	NOBARITE	
ITEN	DIT-E Temperature Enable	ENABLE	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
MGF1	Medium 10 kHz Gain Factor	0.99033	
MGF2	Medium 20 kHz Gain Factor	0.995142	
MGF4	Medium 40 kHz Gain Factor	1.01918	
MPH1	Medium 10 kHz Phase Shift	-0.27707	DEG
MPH2	Medium 20 kHz Phase Shift	-0.890816	DEG
MPH4	Medium 40 kHz Phase Shift	-2.23551	DEG
MRE1	Medium Real 10 kHz Sonde Error Correction	32.7618	MM/M
MRE2	Medium Real 20 kHz Sonde Error Correction	10.896	MM/M
MRE4	Medium Real 40 kHz Sonde Error Correction	1.11433	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	336.356	MM/M
MXE2	Medium Quad 20 kHz Sonde Error Correction	177.452	MM/M
MXE4	Medium Quad 40 kHz Sonde Error Correction	115.531	MM/M
SBR	Shoulder Bed Resistivity Factor	1	OHMM
SFCR	SFL Channel Ratio	1000	
SFLE	SFL Enable	ENABLE	
SHT	Surface Hole Temperature	68	DEGF
SPAE	DIT-E SPARC Processing Enable	ENABLE	
SPNV	SP Next Value	0	MV
GPIT-A/B: General Purpose Inclinator			
ACPP	Accelerometer PROM Presence	PRESENT	
AFMO	Accelerometer Filtering Mode	MOVING_AVERAGE	
ART	Accelerometer Reference Temperature	20	DEGC
GLM	GPIT Logging Mode	DIPM	
ICMO	Inclinometry Computation Mode	AUTOMATIC_SELECTION	
MARP	Magnetometer PROM Presence	PRESENT	

MAPP	Magnetometer PROM Presence	PRESENT	
MDEC	Magnetic Field Declination	16.2182	DEG
MRTE	Magneto Reference Temperature	19	DEGC
TEMS	GPIT Temperature Sensor Used	BOTH	
U-GPOF	Playback OLD VERSION GPIT FILE (BEFORE OP14 + SRPC-3098-FEB_2006_C) ?	NO	

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	30000	
PSDS	HLDS SS Pulse Shape Compensation DAC	30000	
PSML	HLDS LS Pulse Shape Compensation Mode	AUTO	
PSMS	HLDS SS Pulse Shape Compensation Mode	AUTO	

APS-C: Accelerator-Porosity Tool

AASD	APS Software Version	0	
ADSO	APS Thermal and Array Detectors High Voltage Setting	1968.14	V
AFSD	APS Array Detectors Data Source Switch	Both	
AHCS	APS Far Detector High Voltage Setting	2080.2	V
AHSS	APS Holesize Correction Source	BS	
AHSS	APS Holesize Correction Switch	ON	
AMTY	APS Environmental Corrections Mud Type	WaterBaseBarite	
ANSD	APS Near Detector High Voltage Setting	1733.87	V
ASOS	APS Standoff Correction Switch	ON	
ATSS	APS Temperature-Pressure-Salinity Correction Switch	ON	
BHFL_APS	APS TNPH Borehole Fluid Type	WATER	
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	50	DEGF
BSCO_APS	APS TNPH Borehole Salinity Correction Option	YES	
DPPM	Density Porosity Processing Mode	HIRS	
DSCO_APS	APS TNPH Density Source Correction Option	COMPUTED	
FSAL	Formation Salinity	-50000	PPM
FSCO_APS	APS TNPH Formation Salinity Correction Option	NO	
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
HSCO_APS	APS TNPH Hole Size Correction Option	YES	
ISSBAR	Barite Mud Switch	NOBARITE	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
MCCO_APS	APS TNPH Mud Cake Correction Option	YES	
MCOR_APS	APS TNPH Mud Correction	NATU	
MWCO_APS	APS TNPH Mud Weight Correction Option	YES	
NARC	APS Near/Array Calibration Ratio	1.06008	
NFRC	APS Near/Far Calibration Ratio	0.890428	
PTCO_APS	APS TNPH Pressure/Temperature Correction Option	YES	
SHT	Surface Hole Temperature	68	DEGF
TNCO_APS	APS TNPH Computation Option	YES	

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)	50	DEGF
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	BS	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
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	-0.00157462	
HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNGS Processing Enable	YES	
ISSBAR	Barite Mud Switch	NOBARITE	

MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
SHT	Surface Hole Temperature	68	DEGF
TPOS	Tool Position	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	3.2086	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.99686	
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	4.500	IN
CWEI	Casing Weight	0.00	LB/F
DFD	Drilling Fluid Density	1.08	G/C3
DO	Depth Offset for Playback	-1570.0	M
FLEV	Fluid Level	-50000.00	M
MST	Mud Sample Temperature	-50000.00	DEGC
PBVSADP	Use alternate depth channel for playback	NO	
PP	Playback Processing	NORMAL	
RMFS	Resistivity of Mud Filtrate Sample	-50000.0000	OHMM
RW	Resistivity of Connate Water	1.0000	OHMM
TD	Total Depth	1713	FT
TDD	Total Depth - Driller	522.00	M
TDL	Total Depth - Logger	520.00	M
TWS	Temperature of Connate Water Sample	15.00	DEGC

Format: TripleCombo Vertical Scale: 1:200 Graphics File Created: 11-Feb-2011 07:08

OP System Version: 17C0-154

DIT-E	17C0-154	GPIT-A/B	SRPC-3971-Q1_2010_OP17
DTA-A	17C0-154	HLDS	SPC-3961-OP17_NUCL
LDSC-B	SPC-3961-OP17_NUCL	APS-C	SPC-3961-OP17_NUCL
HNGC-B	SPC-3961-OP17_NUCL	HNGS-BA	SPC-3961-OP17_NUCL
DTC-H	17C0-154		

Input DLIS Files

PI_LDL_APS_NGS_028LUP	FN:48	20-Jan-2011 21:03	1819.7 M	1549.7 M
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Output DLIS Files

DEFAULT	PI_LDL_APS_NGS_114PUP	FN:4	PRODUCER	11-Feb-2011 07:08	
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Input DLIS Files

PI_LDL_APS_NGS_027LUP	FN:46	20-Jan-2011 18:58	2089.4 M	1553.7 M
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Output DLIS Files

DEFAULT	PI_LDL_APS_NGS_113PUP	FN:3	PRODUCER	11-Feb-2011 06:49	519.7 M -16.3 M
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OP System Version: 17C0-154

DIT-E	17C0-154	GPIT-A/B	SRPC-3971-Q1_2010_OP17
DTA-A	17C0-154	HLDS	SPC-3961-OP17_NUCL
LDSC-B	SPC-3961-OP17_NUCL	APS-C	SPC-3961-OP17_NUCL
HNGC-B	SPC-3961-OP17_NUCL	HNGS-BA	SPC-3961-OP17_NUCL
DTC-H	17C0-154		

Changed Parameter Summary

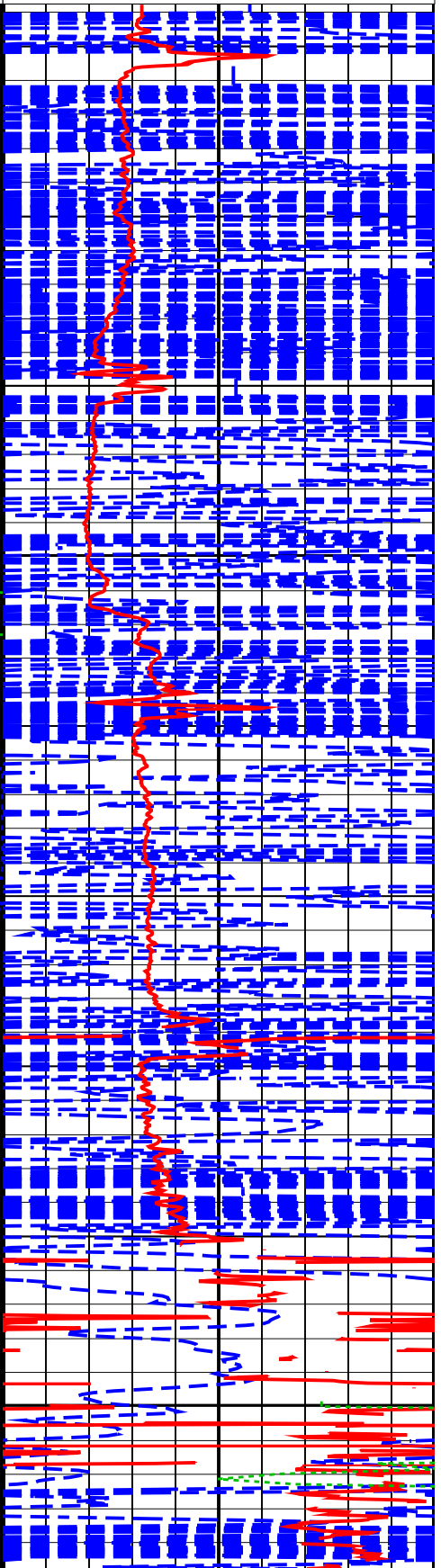
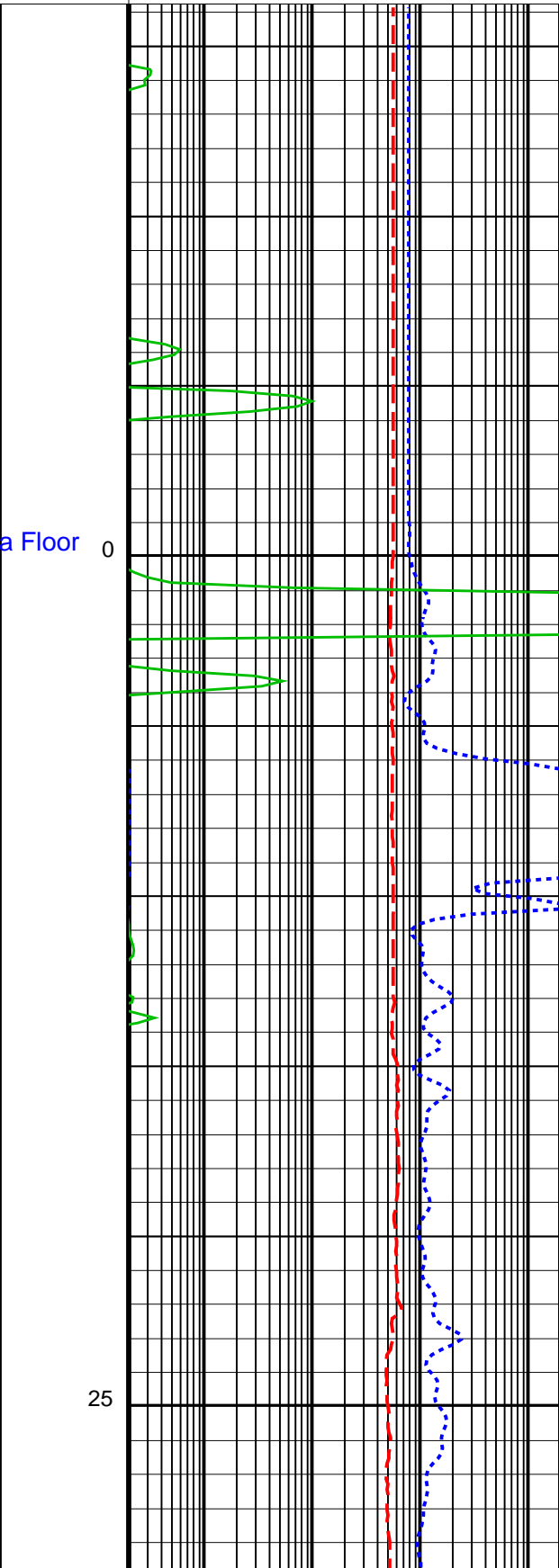
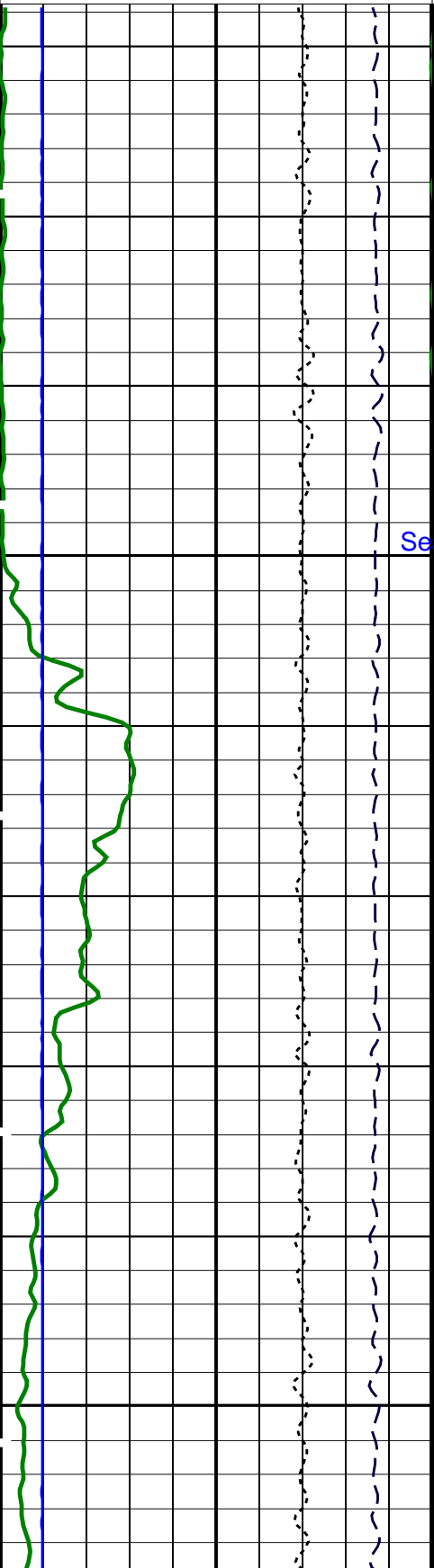
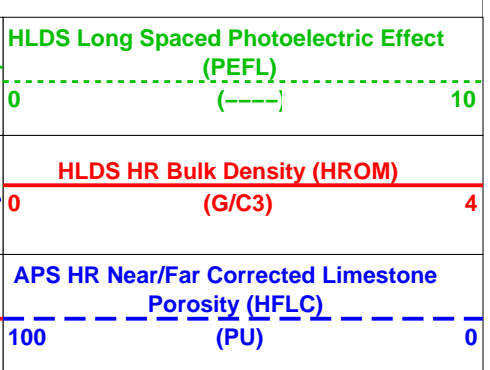
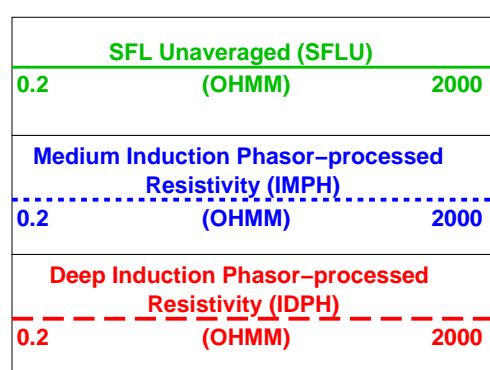
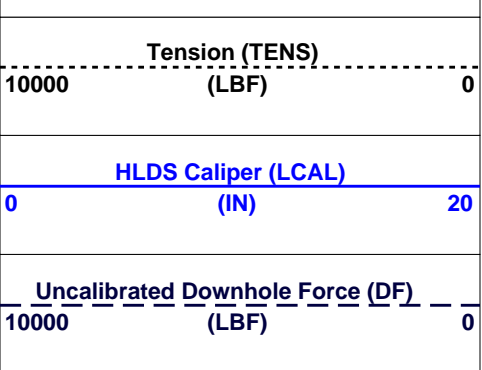
DLIS Name	New Value	Previous Value	Depth & Time
ICMO	CASED_HOLE	AUTOMATIC_SELECTION	138.7 06:49:56

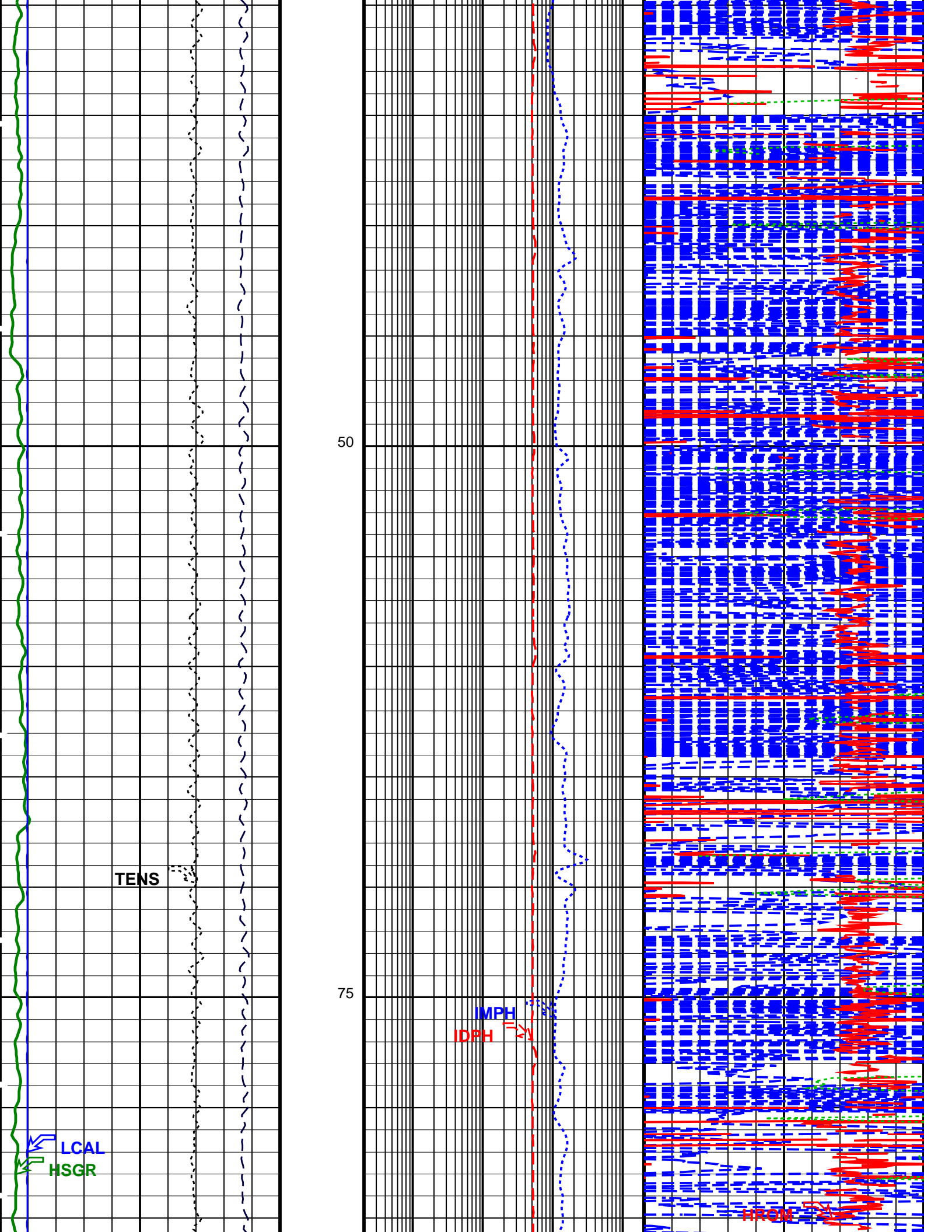
PIP SUMMARY

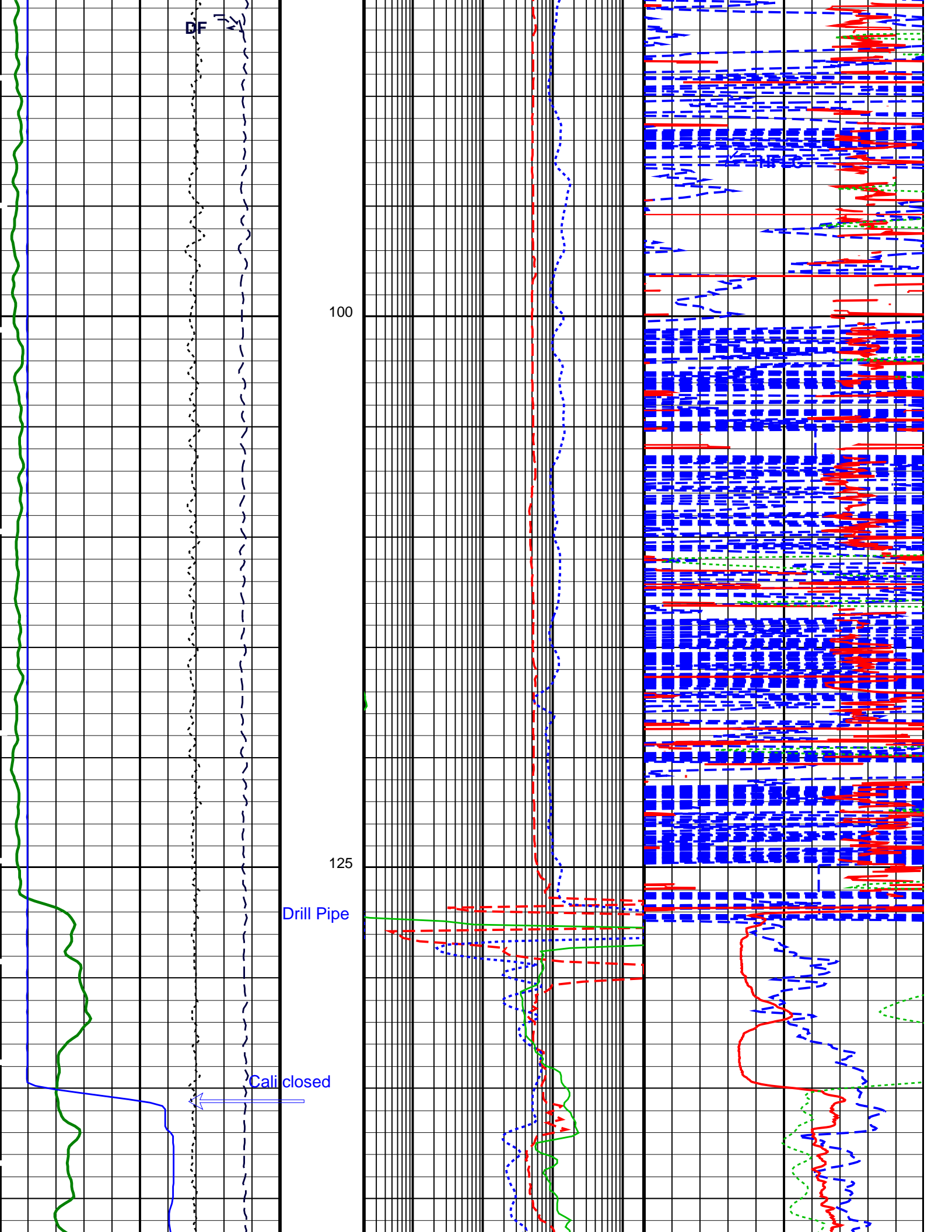
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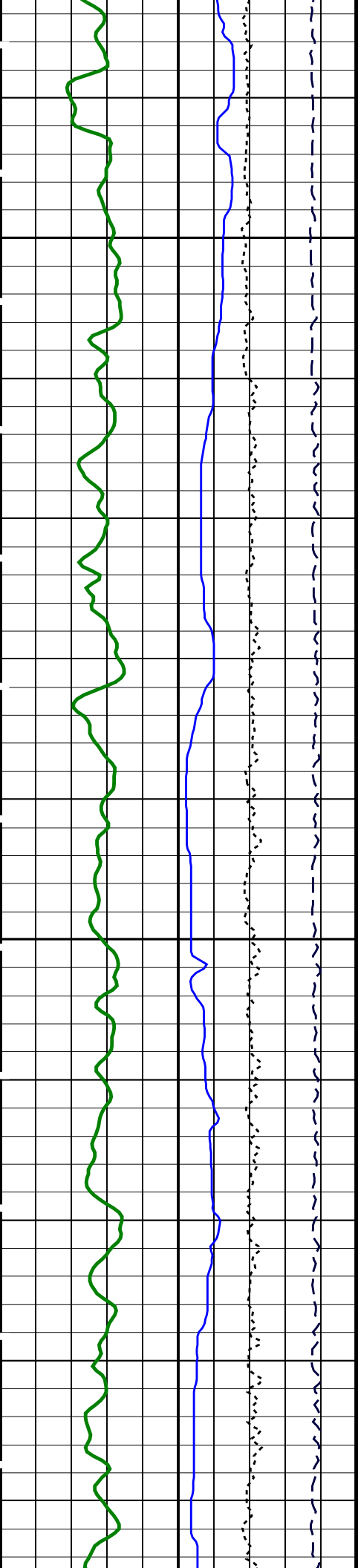
HNGS Spectroscopy Gamma Ray (HSGR)		
0	(GAPI)	100

[Main Log](#)



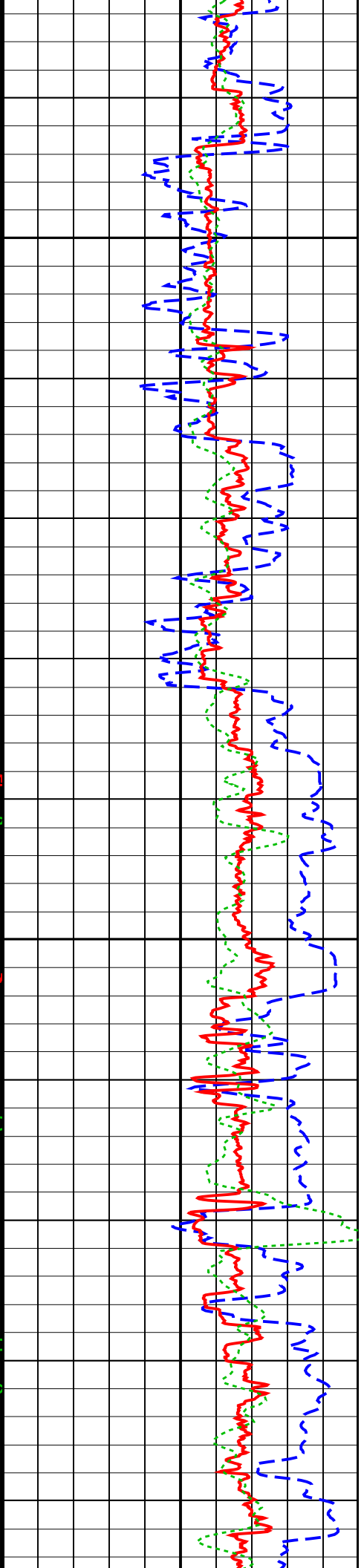
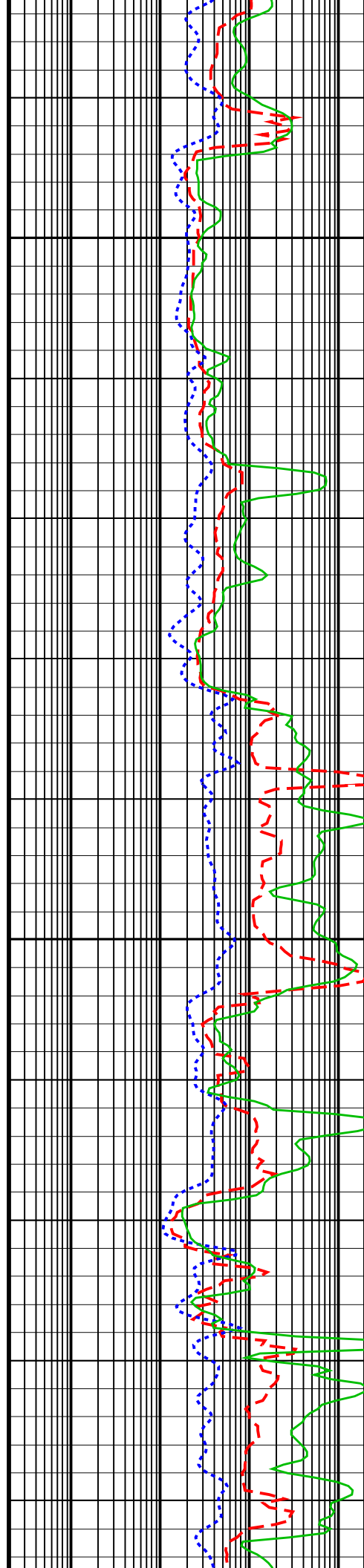


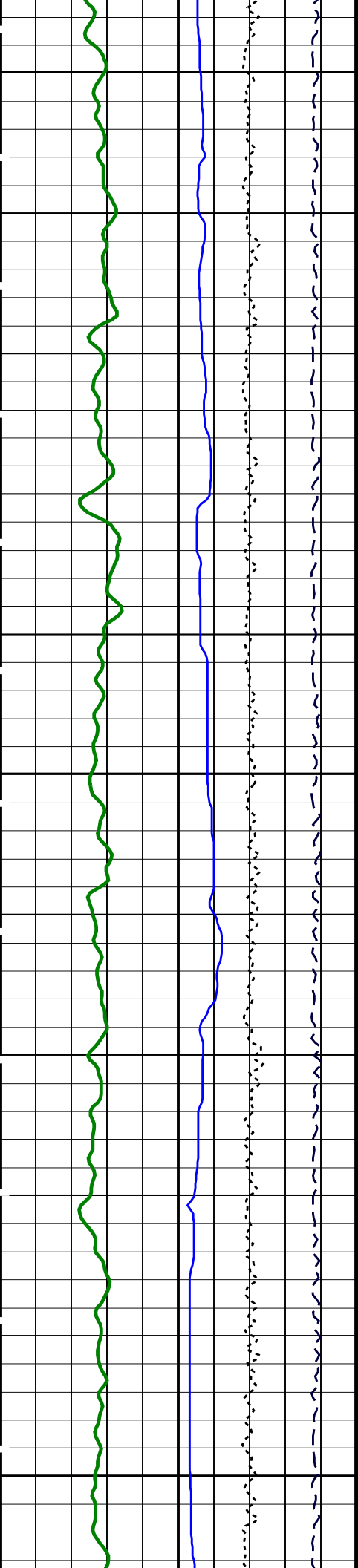




150

175

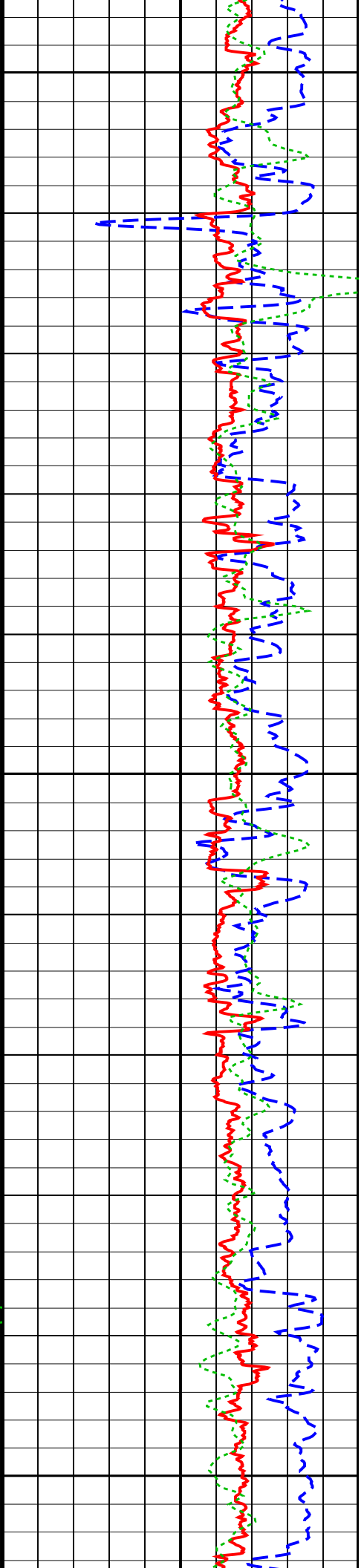
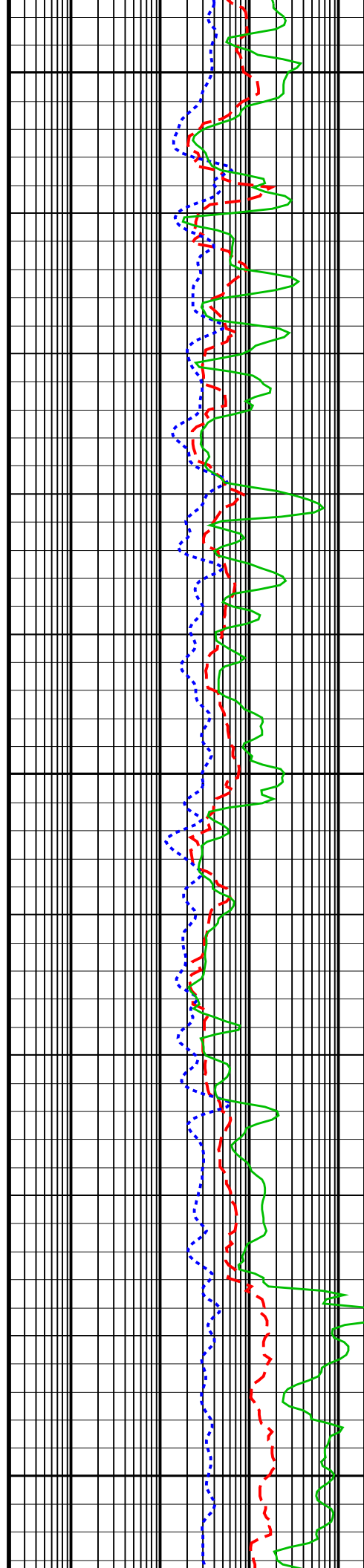


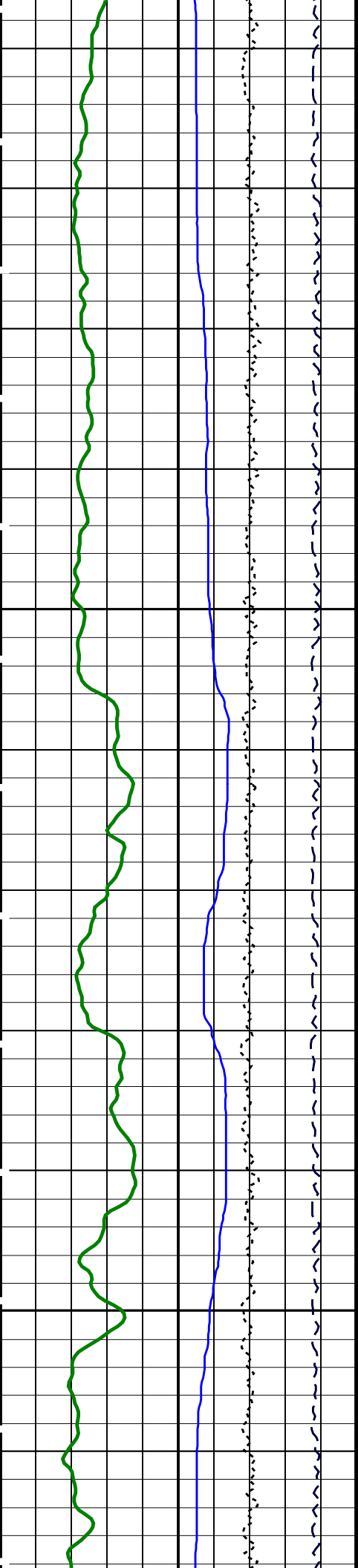


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225

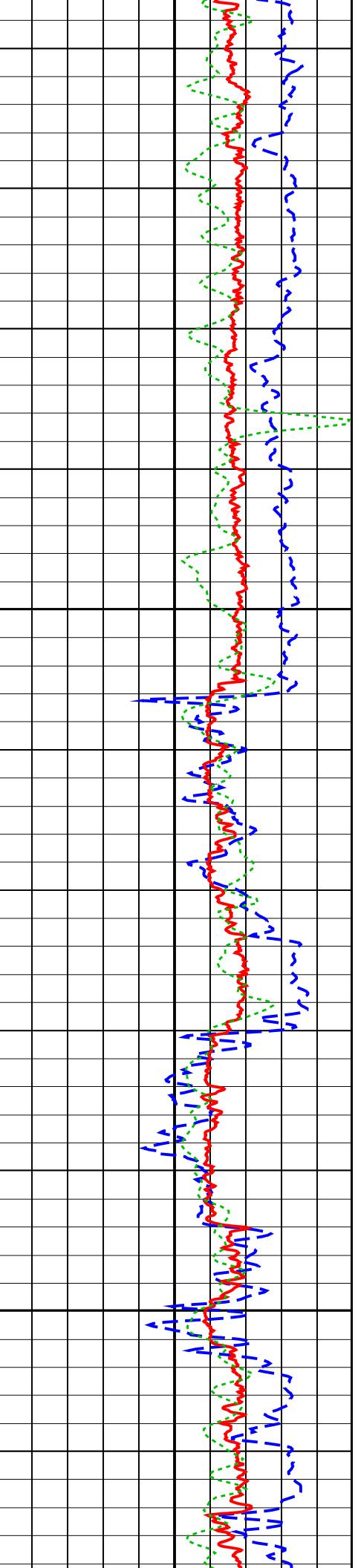
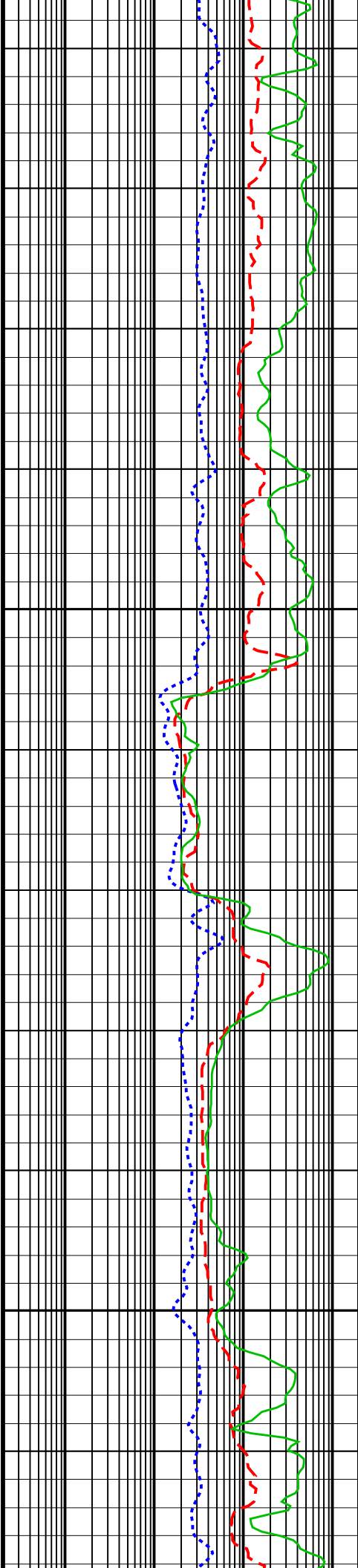
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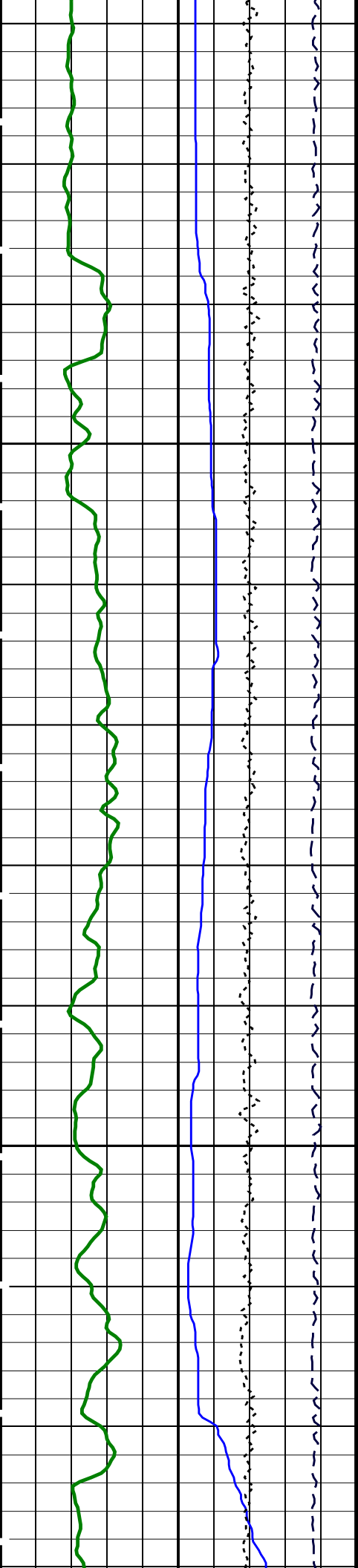




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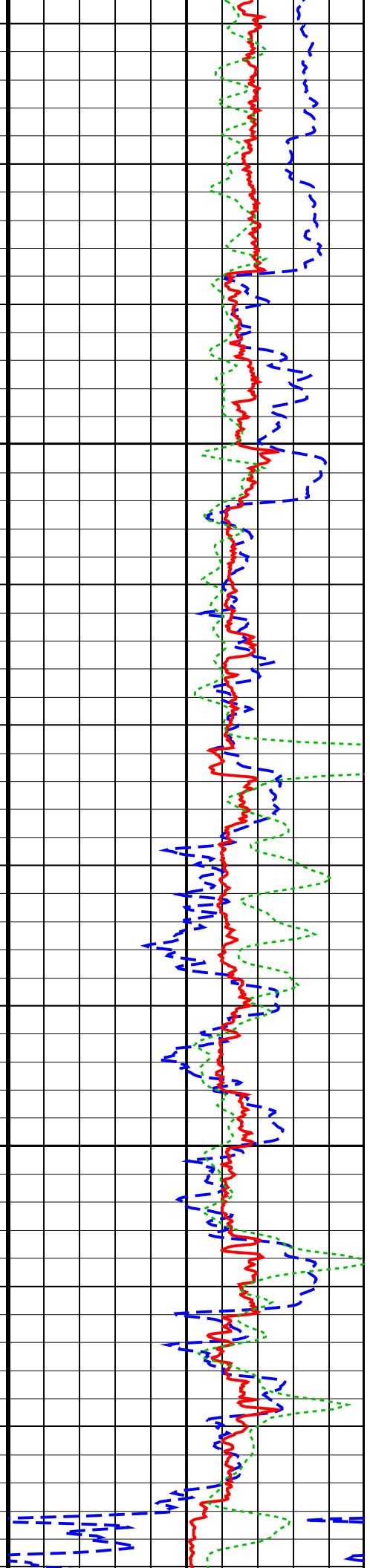
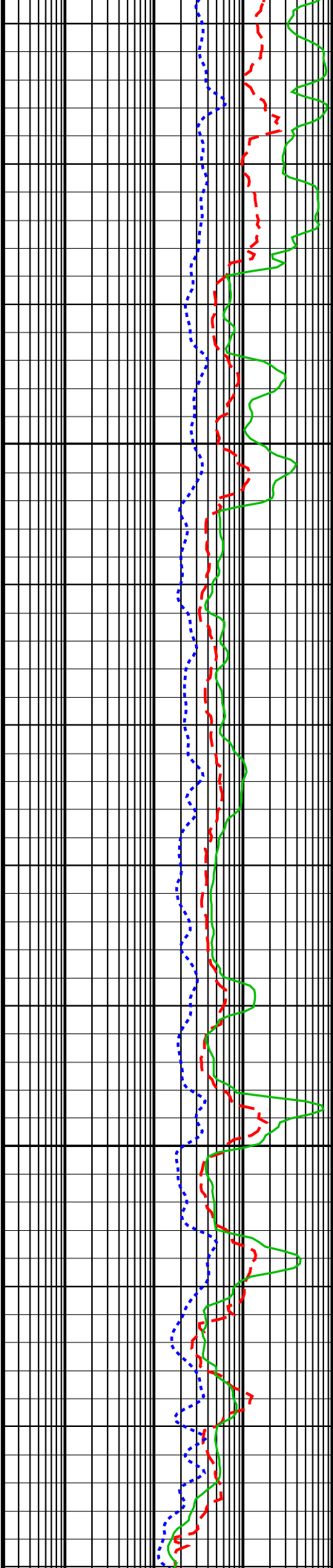
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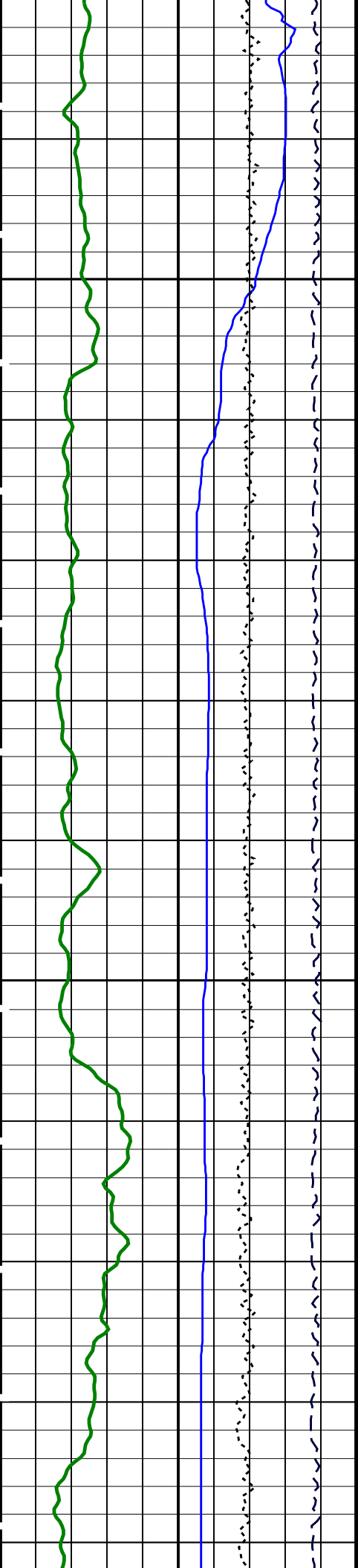




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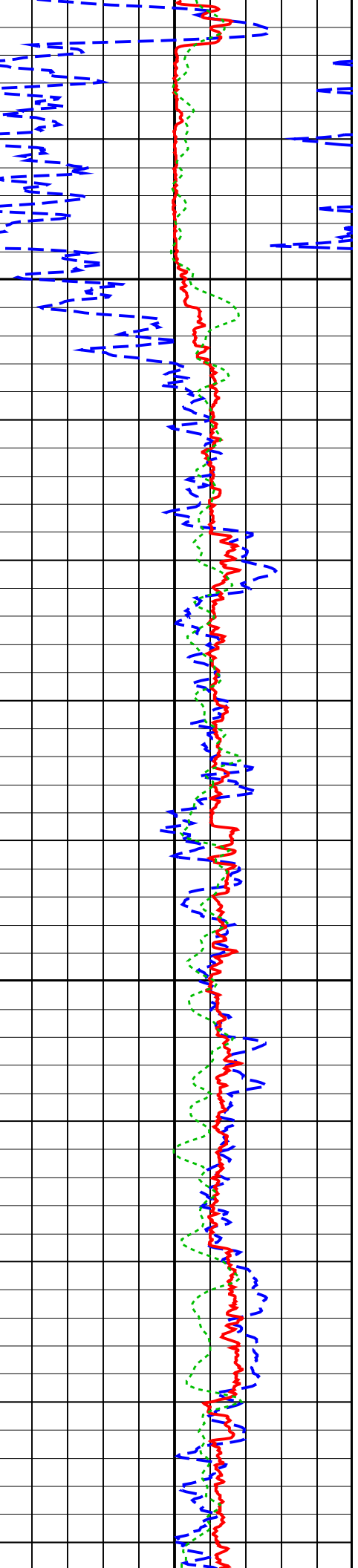
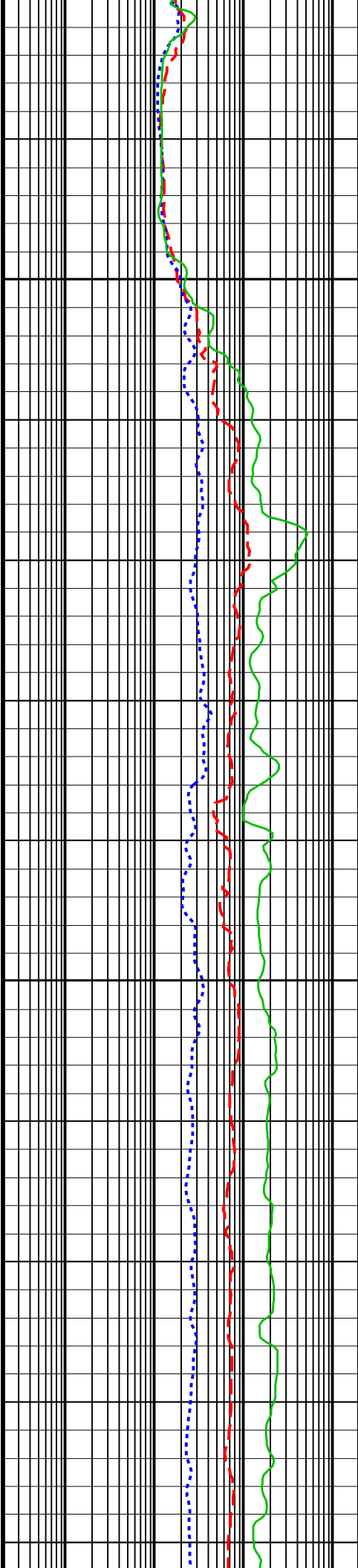
350

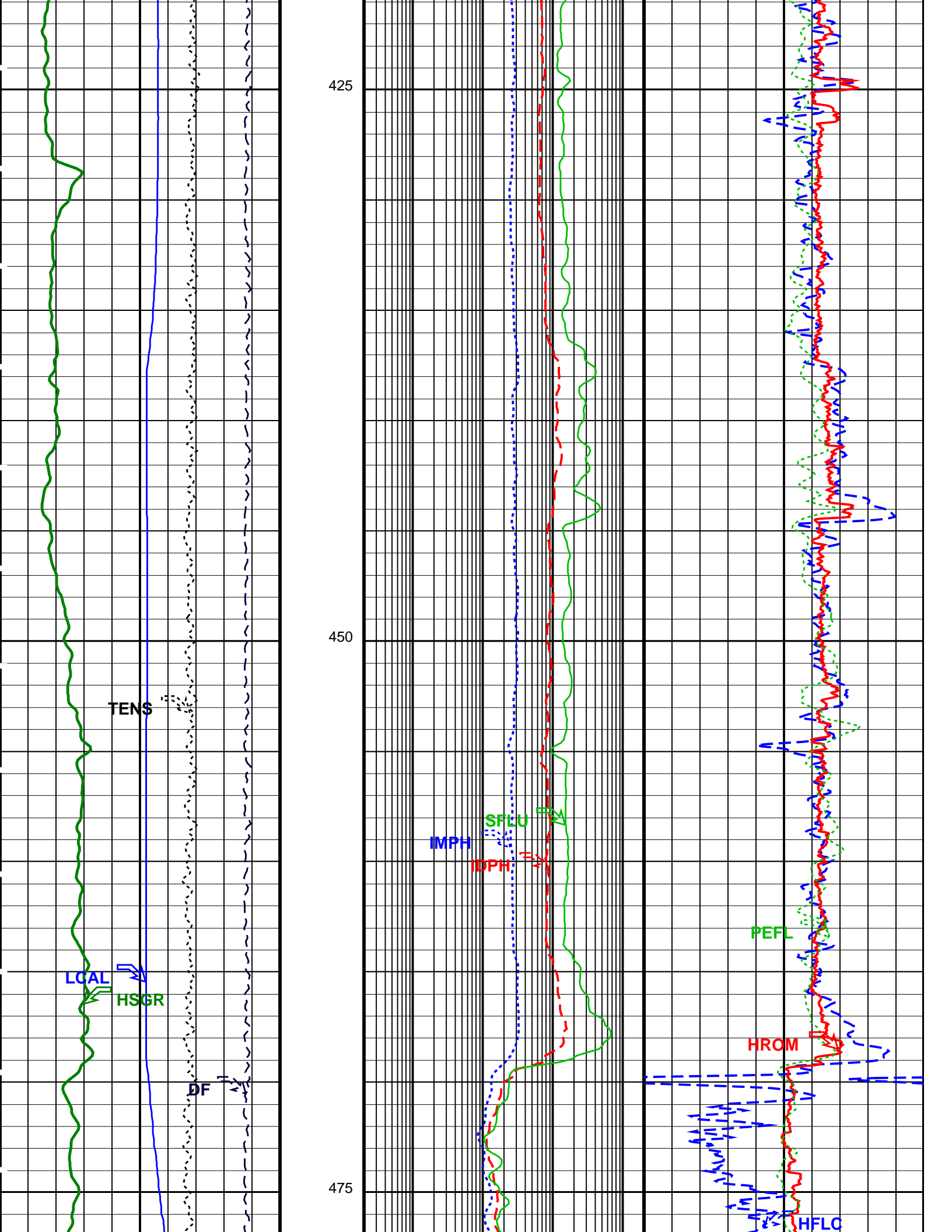


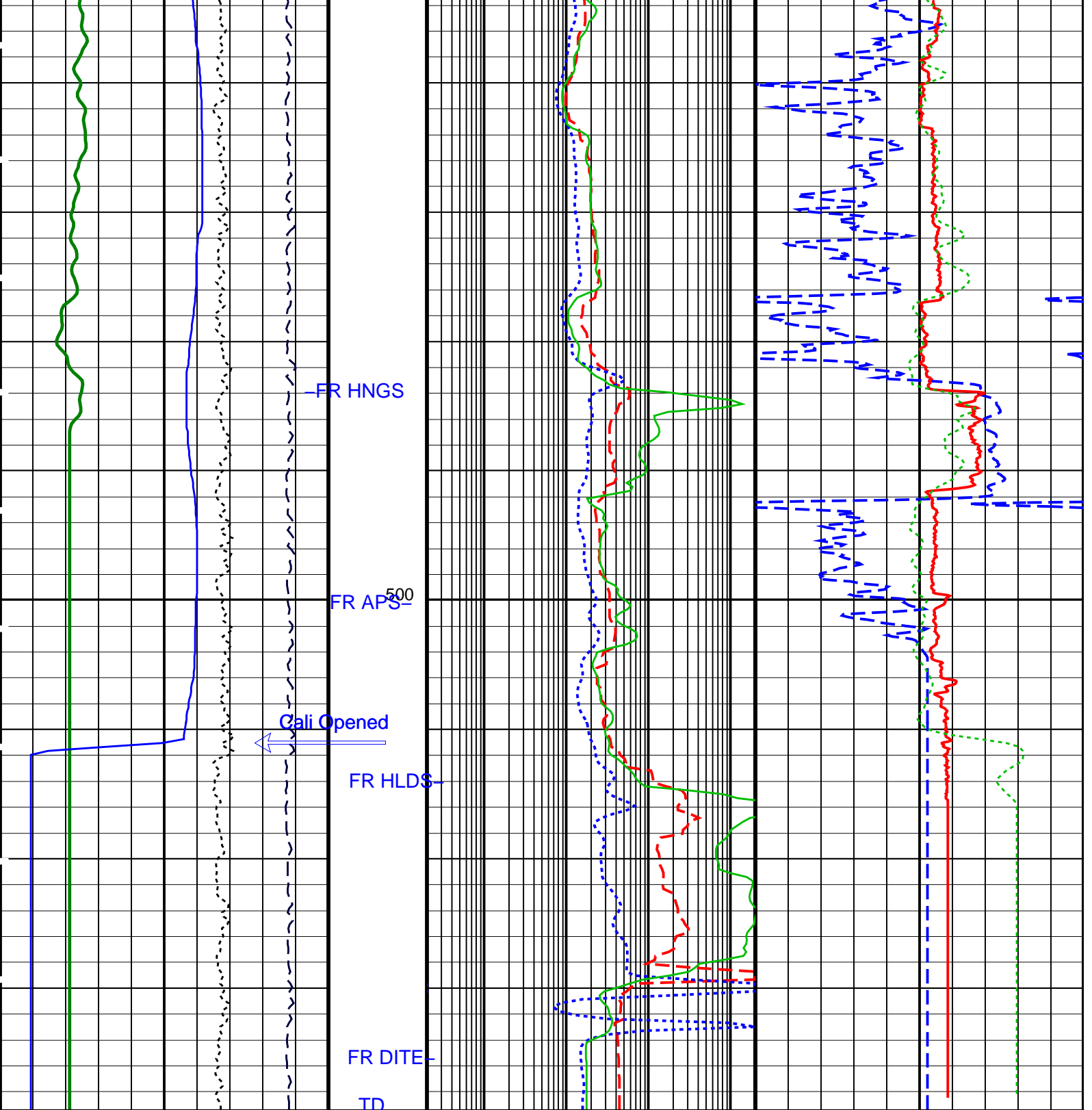


375

400







<p>Uncalibrated Downhole Force (DF) (LBF)</p> <p>10000 0</p>	<p>Deep Induction Phasor-processed Resistivity (IDPH) (OHMM)</p> <p>0.2 2000</p>	<p>APS HR Near/Far Corrected Limestone Porosity (HFLC) (PU)</p> <p>100 0</p>
<p>HLDS Caliper (LCAL) (IN)</p> <p>0 20</p>	<p>Medium Induction Phasor-processed Resistivity (IMPH) (OHMM)</p> <p>0.2 2000</p>	<p>HLDS HR Bulk Density (HROM) (G/C3)</p> <p>0 4</p>
<p>Tension (TENS) (LBF)</p> <p>10000 0</p>	<p>SFL Unaveraged (SFLU) (OHMM)</p> <p>0.2 2000</p>	<p>HLDS Long Spaced Photoelectric Effect (PEFL) (----)</p> <p>0 10</p>
<p>HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)</p> <p>0 100</p>		

Parameters

DLIS Name	Description	Value	
DIT-E: Dual Induction - E			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	50	DEGF
DGF1	Deep 10 kHz Gain Factor	0.981463	
DGF2	Deep 20 kHz Gain Factor	0.992515	
DGF4	Deep 40 kHz Gain Factor	1.00423	
DPH1	Deep 10 kHz Phase Shift	0.032855	DEG
DPH2	Deep 20 kHz Phase Shift	-0.0620342	DEG
DPH4	Deep 40 kHz Phase Shift	-1.20308	DEG
DRE1	Deep Real 10 kHz Sonde Error Correction	42.3121	MM/M
DRE2	Deep Real 20 kHz Sonde Error Correction	17.1426	MM/M
DRE4	Deep Real 40 kHz Sonde Error Correction	4.87662	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	251.392	MM/M
DXE2	Deep Quad 20 kHz Sonde Error Correction	137.206	MM/M
DXE4	Deep Quad 40 kHz Sonde Error Correction	77.8842	MM/M
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
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	
ISSBAR	Barite Mud Switch	NOBARITE	
ITEN	DIT-E Temperature Enable	ENABLE	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
MGF1	Medium 10 kHz Gain Factor	0.99033	
MGF2	Medium 20 kHz Gain Factor	0.995142	
MGF4	Medium 40 kHz Gain Factor	1.01918	
MPH1	Medium 10 kHz Phase Shift	-0.27707	DEG
MPH2	Medium 20 kHz Phase Shift	-0.890816	DEG
MPH4	Medium 40 kHz Phase Shift	-2.23551	DEG
MRE1	Medium Real 10 kHz Sonde Error Correction	32.7618	MM/M
MRE2	Medium Real 20 kHz Sonde Error Correction	10.896	MM/M
MRE4	Medium Real 40 kHz Sonde Error Correction	1.11433	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	336.356	MM/M
MXE2	Medium Quad 20 kHz Sonde Error Correction	177.452	MM/M
MXE4	Medium Quad 40 kHz Sonde Error Correction	115.531	MM/M
SBR	Shoulder Bed Resistivity Factor	1	OHMM
SFCR	SFL Channel Ratio	1000	
SFLE	SFL Enable	ENABLE	
SHT	Surface Hole Temperature	68	DEGF
SPAE	DIT-E SPARC Processing Enable	ENABLE	
SPNV	SP Next Value	0	MV
GPIT-A/B: General Purpose Incliner			
ACPP	Accelerometer PROM Presence	PRESENT	
AFMO	Accelerometer Filtering Mode	MOVING_AVERAGE	
ART	Accelerometer Reference Temperature	20	DEGC
GLM	GPIT Logging Mode	DIPM	
ICMO	Inclinometry Computation Mode	AUTOMATIC_SELECTION	
MAPP	Magnetometer PROM Presence	PRESENT	
MDEC	Magnetic Field Declination	16.2182	DEG
MRTE	Magneto Reference Temperature	19	DEGC
TEMS	GPIT Temperature Sensor Used	BOTH	
U-GPOF	Playback OLD VERSION GPIT FILE (BEFORE OP14 + SRPC-3098-FEB_2006_C) ?	NO	
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	

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	30000	
PSDS	HLDS SS Pulse Shape Compensation DAC	30000	
PSML	HLDS LS Pulse Shape Compensation Mode	AUTO	
PSMS	HLDS SS Pulse Shape Compensation Mode	AUTO	
APS-C: Accelerator-Porosity Tool			
	APS Software Version	0	
AASD	APS Thermal and Array Detectors High Voltage Setting	1968.14	V
ADSO	APS Array Detectors Data Source Switch	Both	
AFSD	APS Far Detector High Voltage Setting	2080.2	V
AHCS	APS Holesize Correction Source	BS	
AHSS	APS Holesize Correction Switch	ON	
AMTY	APS Environmental Corrections Mud Type	WaterBaseBarite	
ANSD	APS Near Detector High Voltage Setting	1733.87	V
ASOS	APS Standoff Correction Switch	ON	
ATSS	APS Temperature-Pressure-Salinity Correction Switch	ON	
BHFL_APS	APS TNPH Borehole Fluid Type	WATER	
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	50	DEGF
BSCO_APS	APS TNPH Borehole Salinity Correction Option	YES	
DPPM	Density Porosity Processing Mode	HIRS	
DSCO_APS	APS TNPH Density Source Correction Option	COMPUTED	
FSAL	Formation Salinity	-50000	PPM
FSCO_APS	APS TNPH Formation Salinity Correction Option	NO	
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
HSCO_APS	APS TNPH Hole Size Correction Option	YES	
ISSBAR	Barite Mud Switch	NOBARITE	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
MCCO_APS	APS TNPH Mud Cake Correction Option	YES	
MCOR_APS	APS TNPH Mud Correction	NATU	
MWCO_APS	APS TNPH Mud Weight Correction Option	YES	
NARC	APS Near/Array Calibration Ratio	1.06008	
NFRC	APS Near/Far Calibration Ratio	0.890428	
PTCO_APS	APS TNPH Pressure/Temperature Correction Option	YES	
SHT	Surface Hole Temperature	68	DEGF
TNCO_APS	APS TNPH Computation Option	YES	
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)	50	DEGF
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	BS	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
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	-0.00157462	
HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNGS Processing Enable	YES	
ISSBAR	Barite Mud Switch	NOBARITE	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
SHT	Surface Hole Temperature	68	DEGF
TPOS	Tool Position	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	3.2086	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.99686	
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	4.500	IN
CWEI	Casing Weight	0.00	LB/F
DFD	Drilling Fluid Density	1.08	G/C3
DO	Depth Offset for Playback	-1570.0	M
FLEV	Fluid Level	-50000.00	M
MST	Mud Sample Temperature	-50000.00	DEGC

PBVSADP	Use alternate depth channel for playback	NO	
PP	Playback Processing	NORMAL	
RMFS	Resistivity of Mud Filtrate Sample	-50000.0000	OHMM
RW	Resistivity of Connate Water	1.0000	OHMM
TD	Total Depth	1713	FT
TDD	Total Depth - Driller	522.00	M
TDL	Total Depth - Logger	520.00	M
TWS	Temperature of Connate Water Sample	15.00	DEGC

Format: TripleCombo Vertical Scale: 1:200 Graphics File Created: 11-Feb-2011 06:49

OP System Version: 17C0-154

DIT-E	17C0-154	GPIT-A/B	SRPC-3971-Q1_2010_OP17
DTA-A	17C0-154	HLDS	SPC-3961-OP17_NUCL
LDSC-B	SPC-3961-OP17_NUCL	APS-C	SPC-3961-OP17_NUCL
HNGC-B	SPC-3961-OP17_NUCL	HNGS-BA	SPC-3961-OP17_NUCL
DTC-H	17C0-154		

Input DLIS Files

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Output DLIS Files

DEFAULT	PI_LDL_APS_NGS_113PUP	FN:3	PRODUCER	11-Feb-2011 06:49
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Company: **Lamont Doherty**

Well: **Expedition 330 Site U1374A**

Field: **Louisville Seamounts**

Rig: **JOIDES Resolution**

Ocean: **Pacific**



Triple Combo
DITE/HLDS/APS
Natural Gamma Ray