

COMPANY: Lamont Doherty

WELL: ODP Leg 195, Site 1201D (WP-1B)

FIELD: ION

Country: Japan Ocean: West Phillipine



Long Spacing Sonic
Gamma Ray

Country: Japan
Field: ION
Location: Rig- Joides Resolution
Well: ODP Leg 195, Site 1201D (WP-1)
Company: Lamont Doherty

LOCATION		Elev.: K.B. 11,2989 m	
Rig- Joides Resolution		G.L. -5720 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. 0 deg	Longitude E 151.9836	Latitude S 20.2425

Logging Date	Run 1	Run 2	Run
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			
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			
Logger On Bottom			
Unit Number			
Recorded By			
Witnessed By			

Logging Date	12-Apr-2001		
Run Number	1		
Depth Driller	6320 m		
Schlumberger Depth	6314 m		
Bottom Log Interval	6075 m		
Top Log Interval	5804 m		
Casing Driller Size @ Depth	0.000 in	@	5800 m
Casing Schlumberger	5799.5 m		
Bit Size	9.875 in		
Type Fluid In Hole	Sepiolite/Salt water		
Density	1.05 g/cm3		
Fluid Loss	PH		
Source Of Sample	Mud Tank		
RM @ Measured Temperature	0.224 ohm.m	@	82 degC
RMF @ Measured Temperature		@	
RMC @ Measured Temperature		@	
Source RMF	RMC		
RM @ MRT	0.612 @ 16		@ 16
RMF @ MRT	16 degC		
Maximum Recorded Temperatures	12-Apr-2001		1:00
Circulation Stopped	12-Apr-2001		See Log
Logger On Bottom	99		Houston
Unit Number			
Recorded By	Kerry M. Swain		
Witnessed By	Samantha Barr, Phillippe Galliot		

Logging Date	Run 1	Run 2	Run
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			
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			
Logger On Bottom			
Unit Number			
Recorded By			
Witnessed By			

DISCLAIMER





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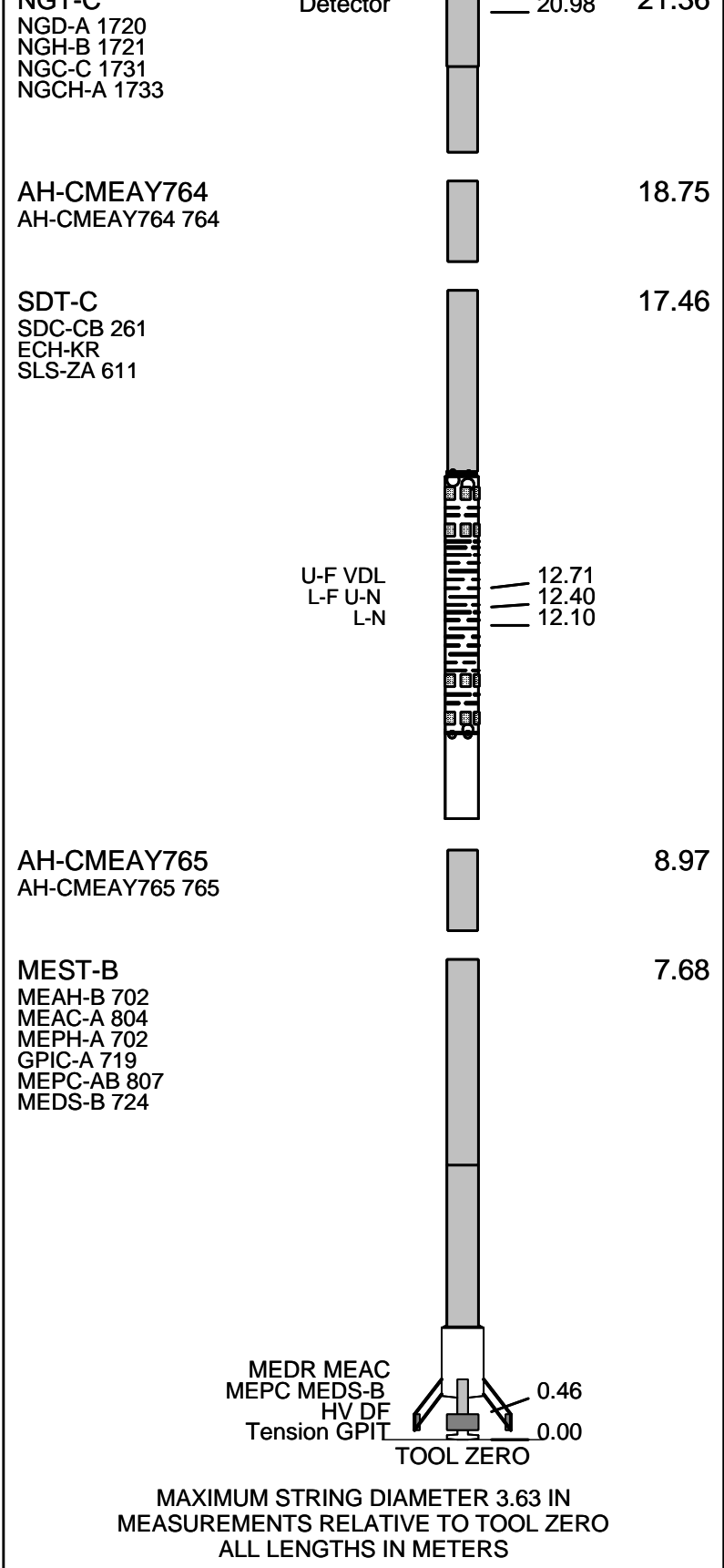
OTHER SERVICES1 OS1: FMS OS2: HLDT/APS OS3: DLL/HNGS OS4: OS5:	OTHER SERVICES2 OS1: OS2: OS3: OS4: OS5:
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REMARKS: RUN NUMBER 1 Hole Cored With RCB. WHC used on all runs. Seas calm. Log Measured in Meters Below Rig Floor (MBRF). TD Driller- 6320 MBRF. Sea Floor Driller- 5720 MBRF. TD Logger- 6314 MBRF. Sea Floor Logger- 5723 MBRF. Drill Pipe Logger- 5799.5 MBRF. Drill Pipe Driller- 5800 MBRF. This toolstring did not make it to TD. Tool stopped at 6088 mbrf. Sepiolite mud used to displace hole after drilling. Pass 1 calipers not opened fully until 5973 mbrf. Original log files recorded with real time speed correction. Displayed data are corrected back to measured depth.	REMARKS: RUN NUMBER 2
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RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION:		9C2-303	PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1		RUN 2	
SURFACE EQUIPMENT			
STM-C			
GSR-U			
WITM (CTS)-A			
DOWNHOLE EQUIPMENT			
LEH-QT			23.17
LEH-QT			
TCC-BF			22.28
ECH-KC	TelStatus		21.36
TCC-BF			
NGT-C	Detector		21.36



Input DLIS Files

DEFAULT	FMS_SONIC_NGS_044LUP	FN:47	PRODUCER	13-Apr-2001 08:25	6089.3 M	5801.0 M
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Output DLIS Files

DEFAULT	FMS_SONIC_NGS_048PUP	FN:55	PRODUCER	13-Apr-2001 11:59	6089.3 M	5804.2 M
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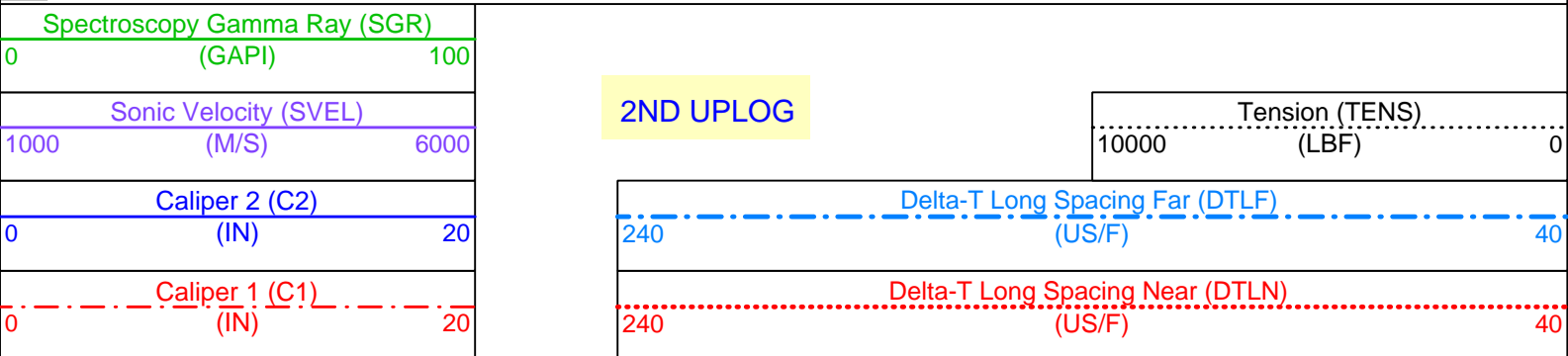
OP System Version: 9C2-303

MCM

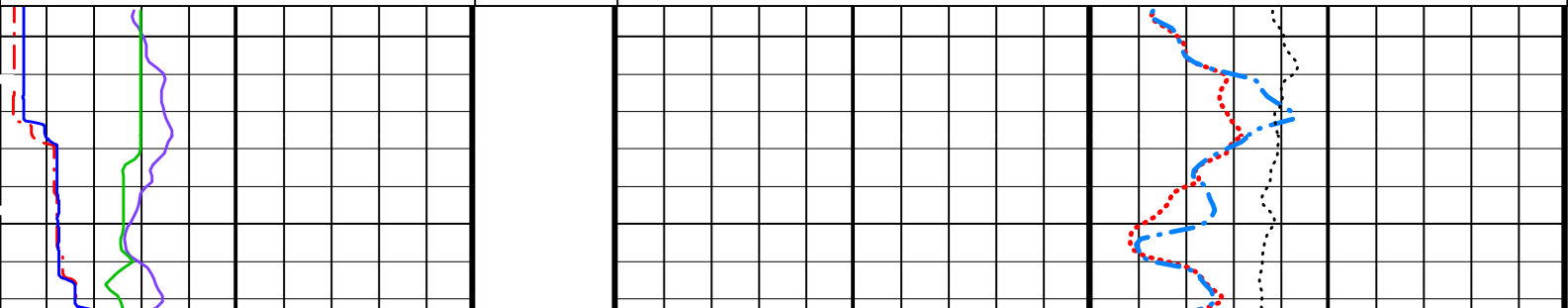
MEST-B	9C2-303	SDT-C	9C2-303
NGT-C	9C2-303	TCC-BF	9C2-303

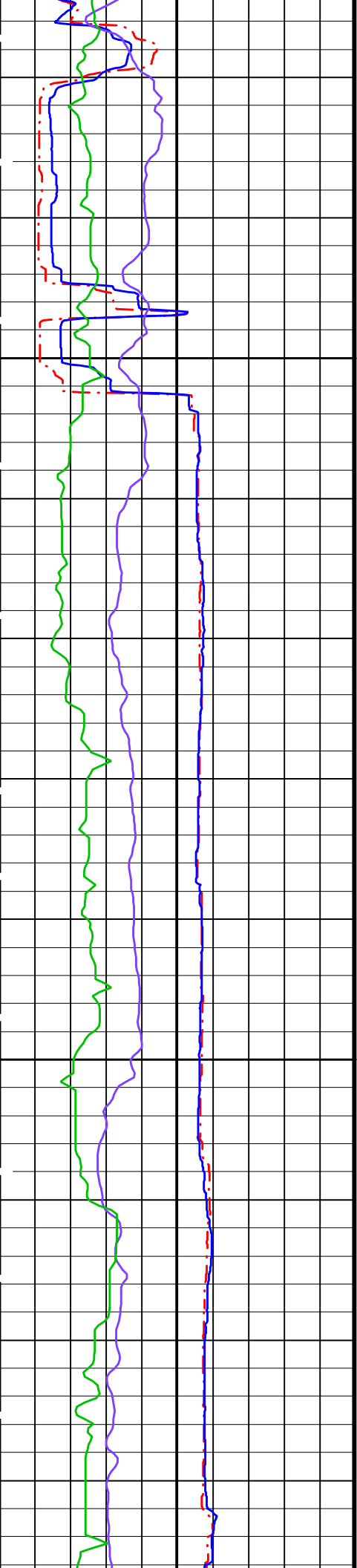
PIP SUMMARY

Time Mark Every 60 S



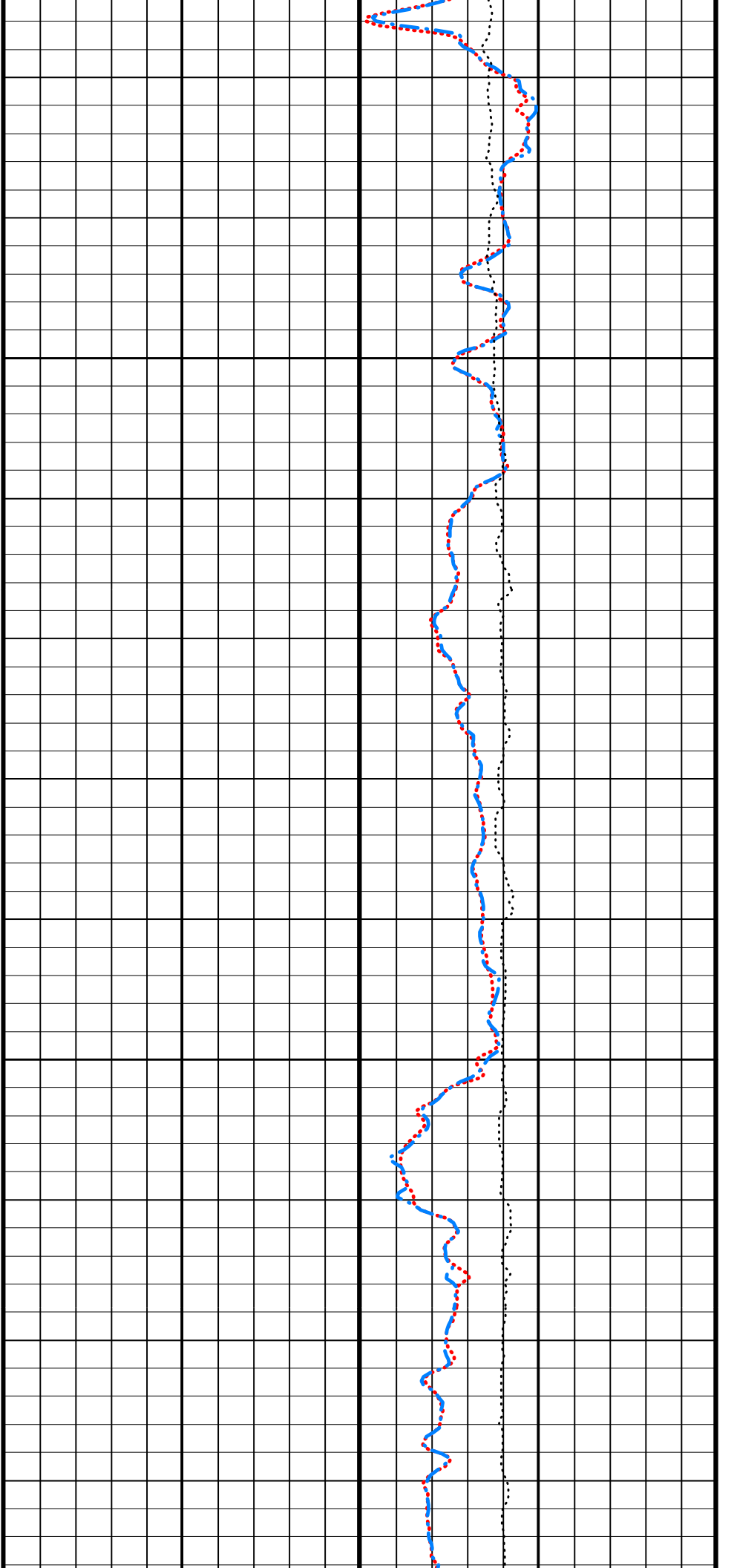
2ND UPLOG

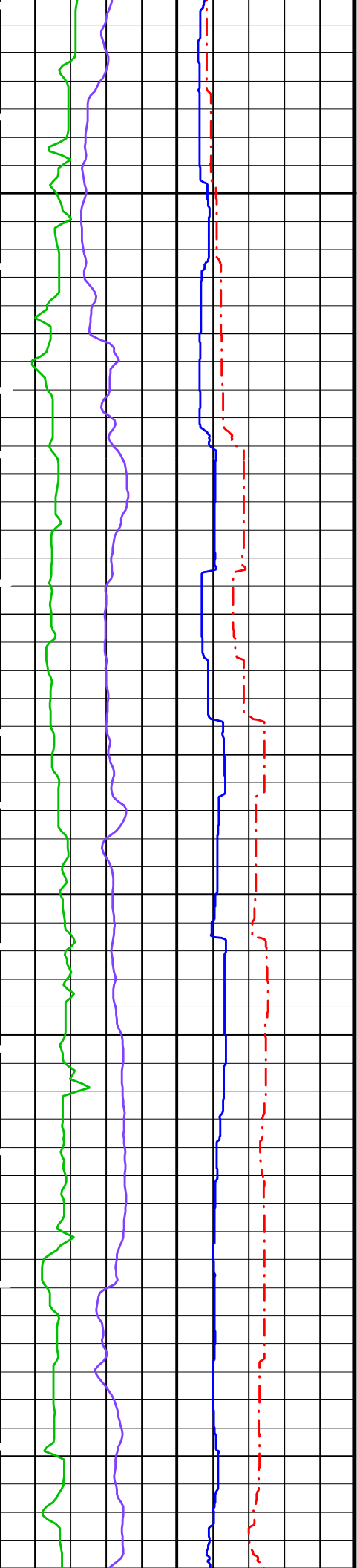




5825

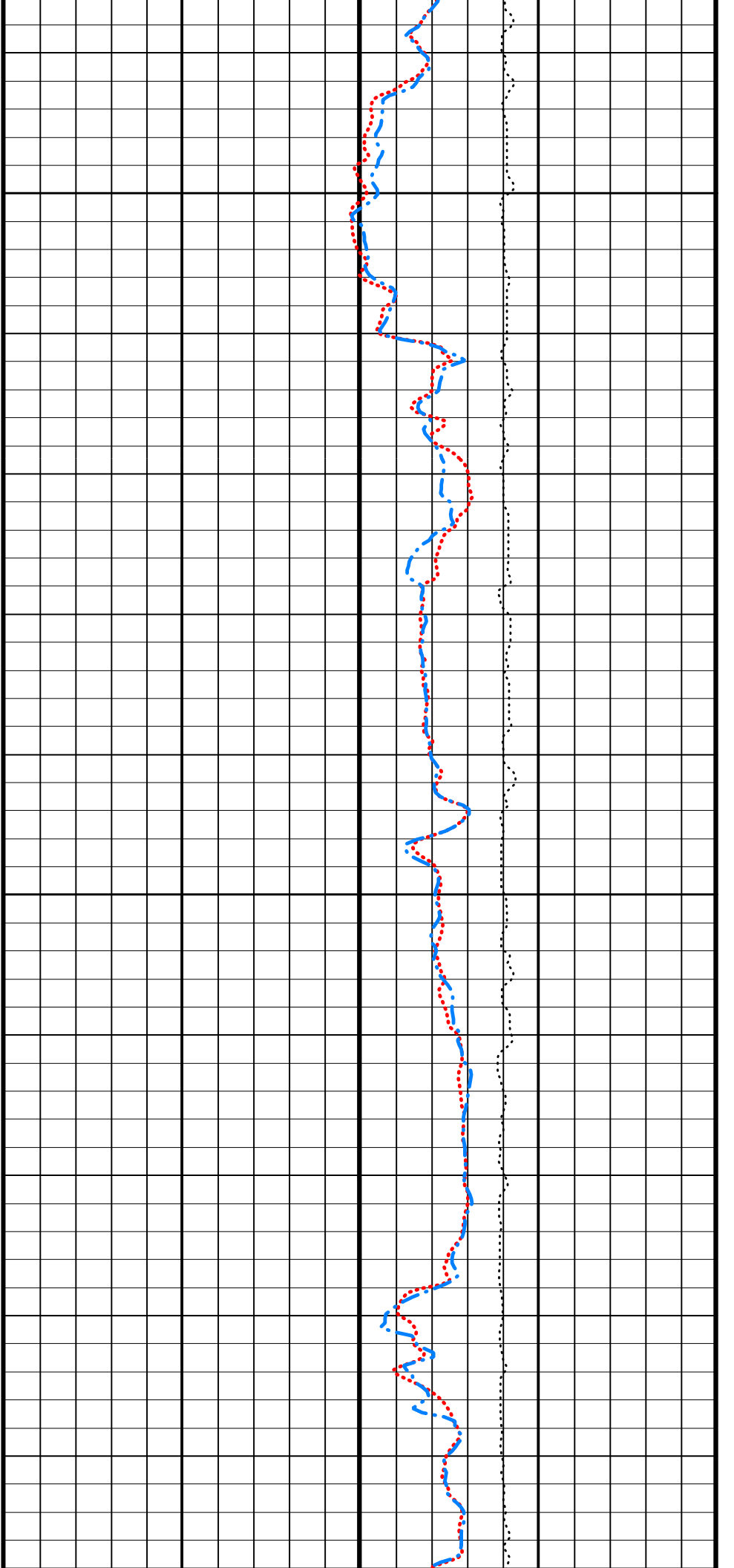
5850

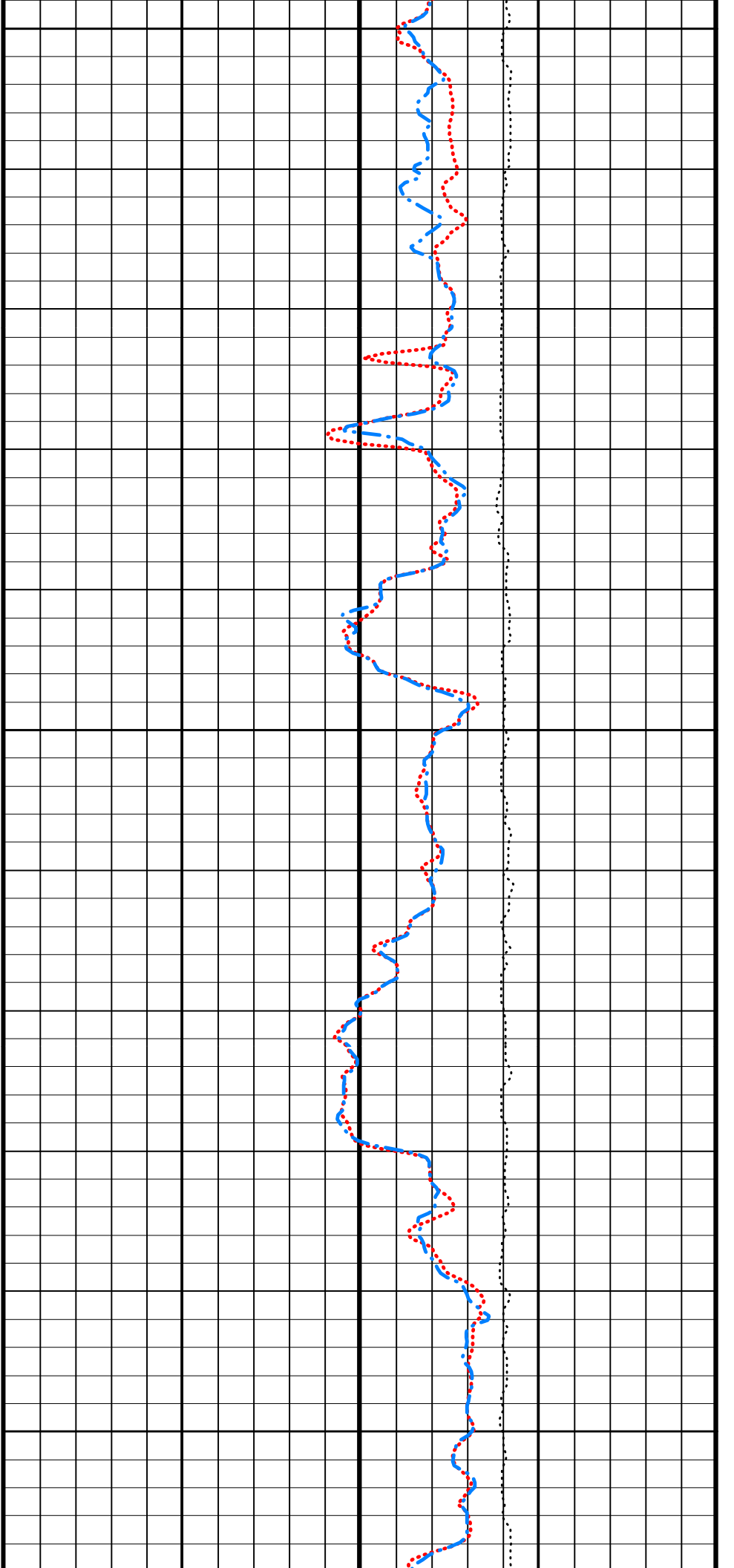
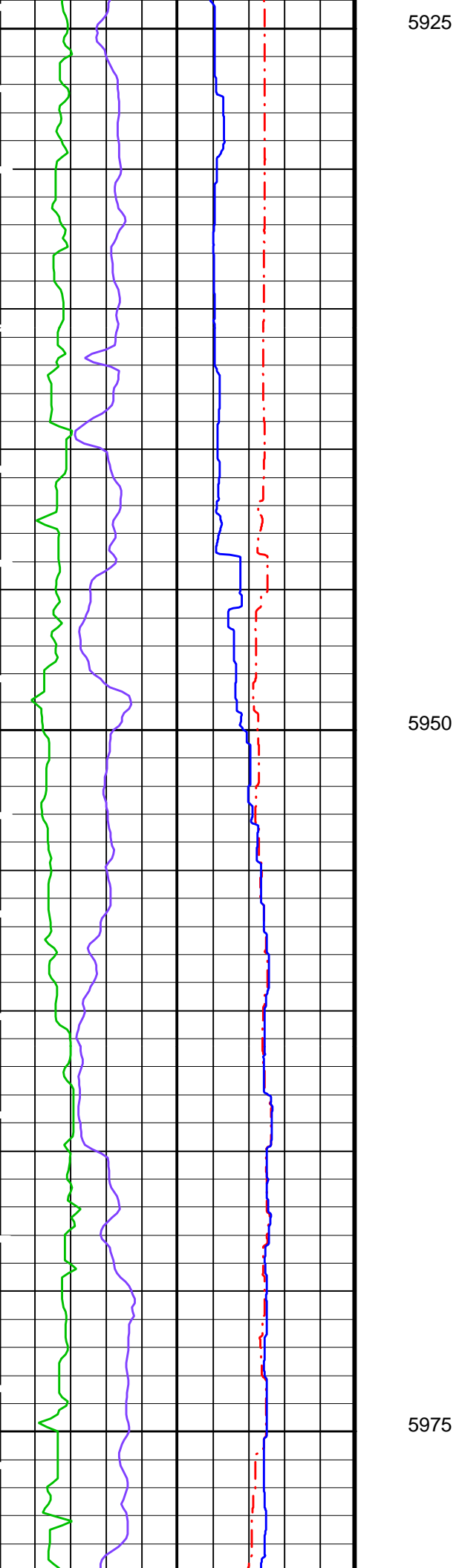


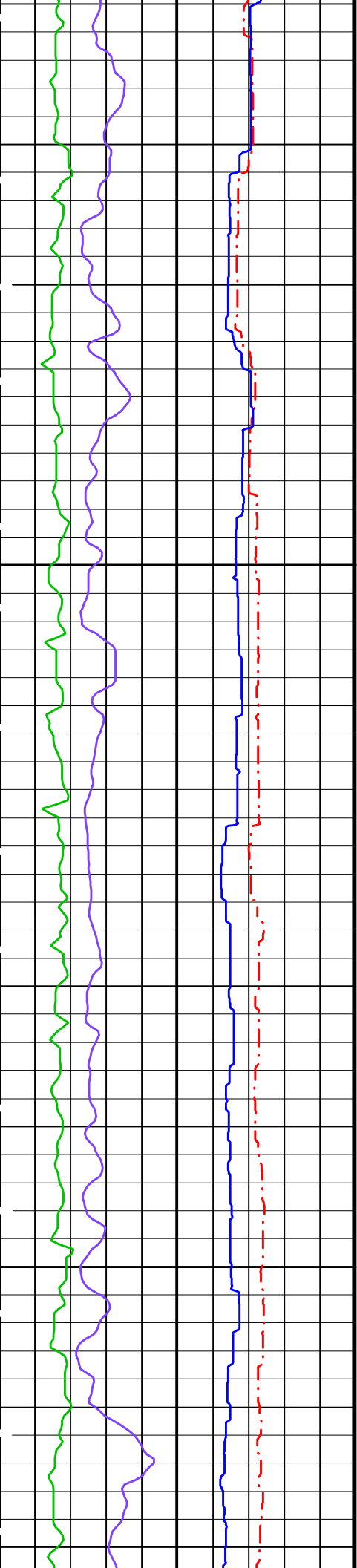


5875

5900

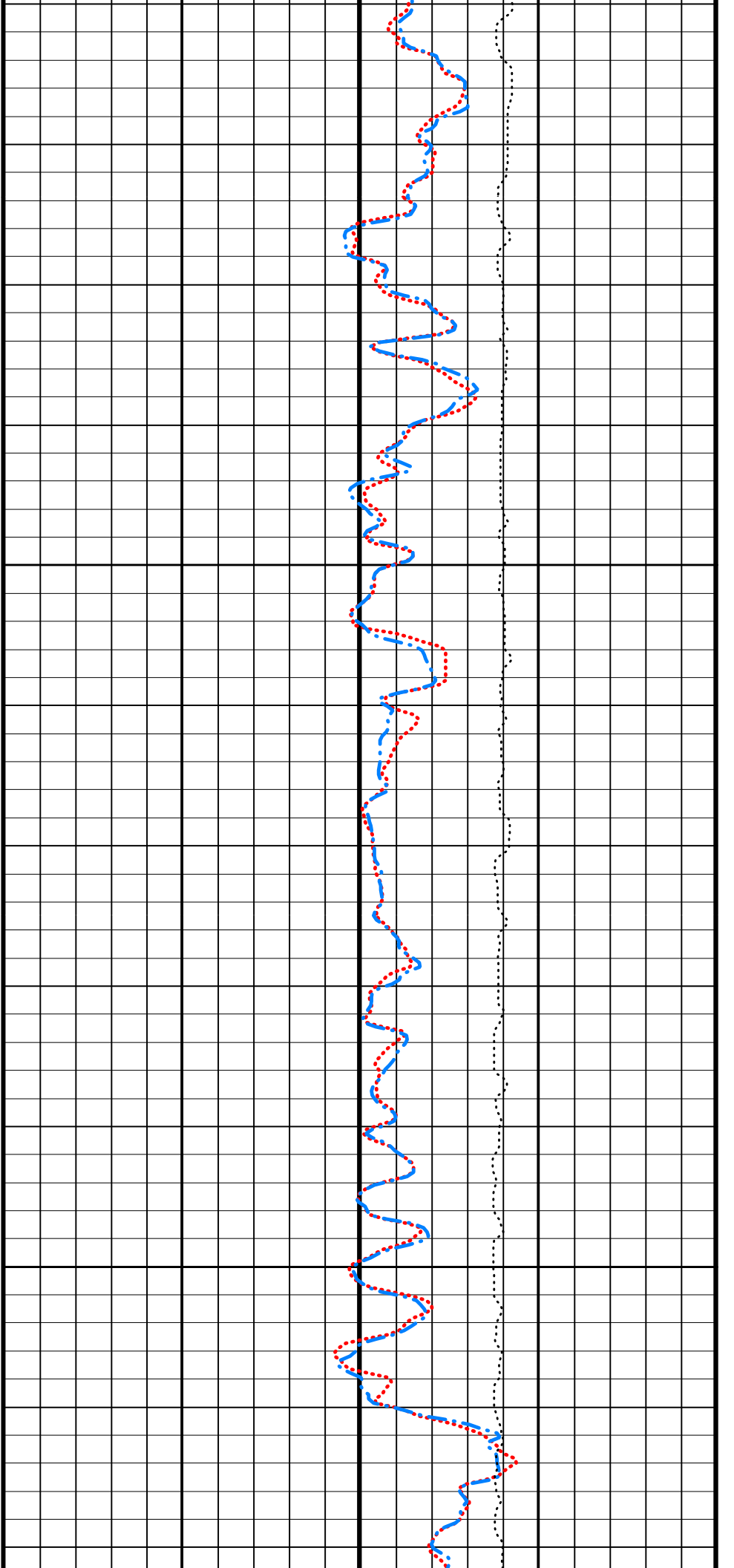


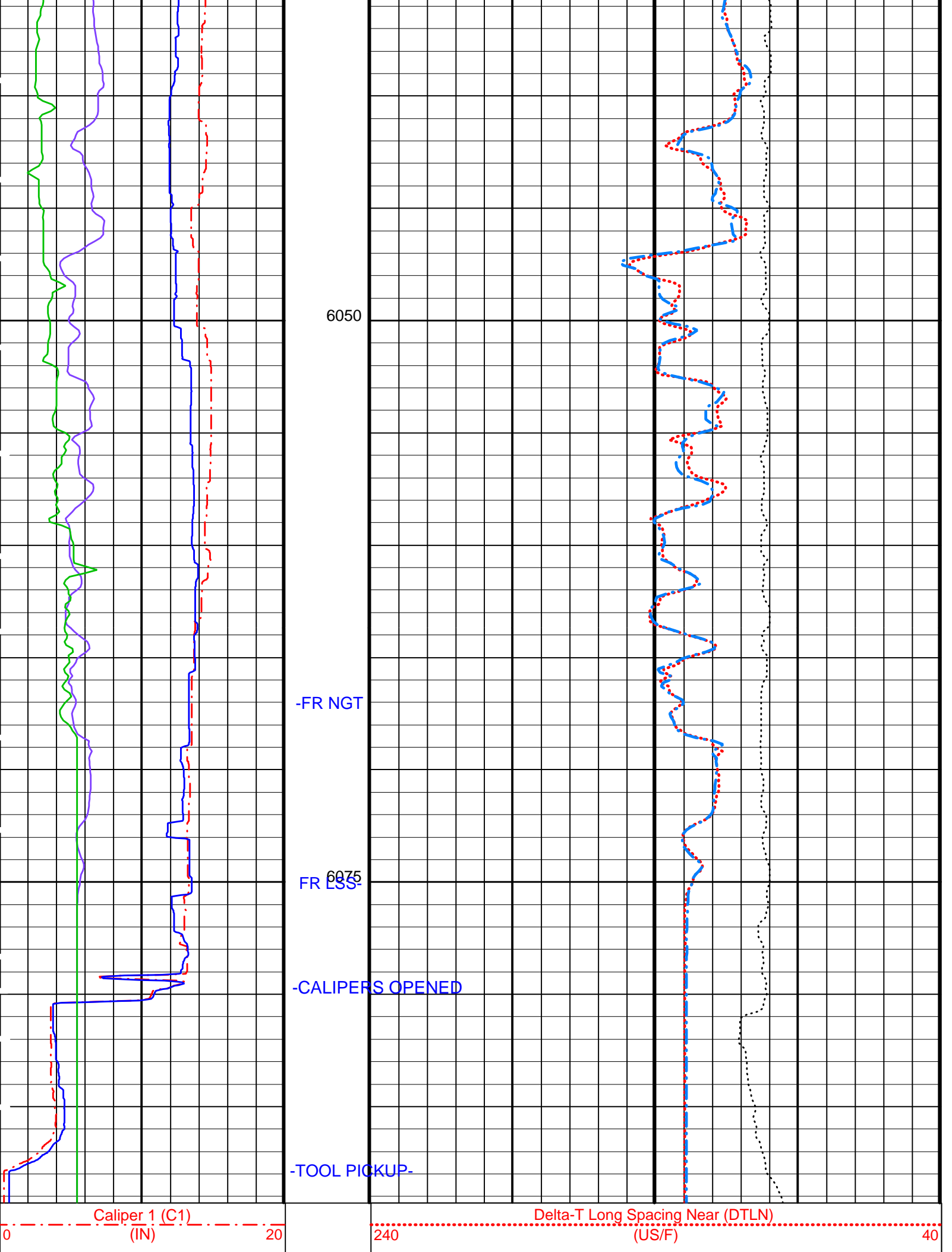




6000

6025





Caliper 2 (C2)		Delta-T Long Spacing Far (DTLF)	
0	(IN)	20	240
Sonic Velocity (SVEL)		Tension (TENS)	
1000	(M/S)	6000	10000
Spectroscopy Gamma Ray (SGR)		0	
0	(GAPI)	100	40

2ND UPLOG

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
	DIP Tool	SHDT
ACPP	Accelerometer PROM Presence	PRESENT
AFMO	Accelerometer Filtering Mode	MOVING_AVERAGE
AGC	Automatic Gain Control	ON
ALTDPCCHAN	Name of alternate depth channel	MeasuredDepth
AMSG	Auxilliary Minimum Sliding Gate	180 US
ART	Accelerometer Reference Temperature	20 DEGC
ASGL	Auxilliary Minimum Sliding Gate Width	100 US
BILI	Bond Index Level for Zone Isolation	0.8
BS	Bit Size	9.875 IN
BSAL	Borehole Salinity	35000.00 PPM
CBAR	Constant Barite	1
CBLG	CBL Gate Width	45 US
CDDEL	Digitizing Delay (Acq Monitor Checked)	0 US
CDSIN	Digitizer Sample Interval (Acq Monitor Checked)	DS10
CDTS	C-Delta-T Shale	100 US/F
CDWCO	Digitizer Word Count (Acq Monitor Checked)	400
CGMI	Spectro Computed Gamma Ray Minimum	0 GAPI
CGSH	Spectro Computed Gamma Ray Shale	100 GAPI
CRMOD	Receiver Mode (Acq Monitor Checked)	B
CSBL	CSB DIP Number of Levels	2L
CSIZ	Current Casing Size	0.000 IN
CSTR	Compressive Strength of Cement	0 KPAA
CVDLM	VDL Firing Mode (Acq Monitor Checked)	NONE
CWEI	Casing Weight	0.00 LB/F
CWMOD	Waveform Firing Mode (Acq Monitor Checked)	Lddb
DDE0	Digitizing Delay	0 US
DDEL	Digitizing Delay	0 US
DDMG	Downhole Differential Multi-Gain	10
DETE	Detection	E2
DFD	Drilling Fluid Density	1.05 G/C3
DO	Depth Offset for Playback	0.00 M
DPAD	Disabled Pad	NONE
DSIO	Digitizer Sample Interval 0	10 US
DSIN	Digitizer Sample Interval	DS10
DTCM	Delta-T Computation Mode	FULL
DTF	Delta-T Fluid	189 US/F
DTLI	Delta-T Limiting	ON
DTM	Delta-T Matrix	56 US/F
DWCO	Digitizer Word Count 0	400
DWCO	Digitizer Word Count	400
EDAC	Error Depth Averaging Constant	60.96 M
EDTH	Error Decision Threshold	0.6
ELRA	Electrical Radius	0.5 IN
FCF	CBL Fluid Compensation Factor	1
GAI	Manual Gain	40
GLM	GPIT Logging Mode	DIPM
GOBO	Good Bond	2 MV
ICMO	Inclinometry Computation Mode	AUTOMATIC_SELECTION
INT	Correlation Interval	1.2192 M
ITTS	Integrated Transit Time Source	DTLN
KMIN	Potassium Minimum	0
KSHA	Potassium Shale	0.02
MACP	Magnetometer PROM Presence	PRESENT
MCI	Magnetometer Interval	3.048 M
MDEC	Magnetic Field Declination	-1.92146 DEG
MGAI	Maximum Gain	4000
MLM	MEST Logging Mode	SCAN900
MLME	MEST Mode	LDDb
MRTE	Magneto Reference Temperature	19 DEGC
MSA	Minimum Sonic Amplitude	0 MV
MSL	Mode Slow Loop	CLOSE
MST	Mud Sample Temperature	82.00 DEGC
NFO	NGT Filtering Option	KALMAN
NMSG	Near Minimum Sliding Gate	350 US

PBVSADP	Use alternate depth channel for playback	YES	
PCSL	Programmable Correction Slow Loop	98.0382	KEV
PMUD	Potassium Mud	0	%
PP	Playback Processing	RECOMPUTE	
PTYP	Pad Type - High Resolution or Medium Extended Coverage	HR_SLIM_0_12_IN	
RATE	Firing Rate	R7	
RBS	Resistivity Button Selection	AUTO	
RMFS	Resistivity of Mud Filtrate Sample	-50000.0000	OHMM
RMOD	Receiver Mode	B	
RW	Resistivity of Connate Water	1.0000	OHMM
SANG	Correlation Search Angle	35	DEG
SBUT	DIP Set of Buttons	MSD	
SDFA	Side-by-Side Distance Factor	0.9	IN
SFAF	Sonic Formation Attenuation Factor	0	DB/M
SGAD	Sliding Gate	ON	
SGDT	Sliding Gate Delta-T	50	US/F
SGMI	Spectro Gamma Ray Minimum	0	GAPI
SGSH	Spectro Gamma Ray Shale	100	GAPI
SGW	Sliding Gate Width	80	US
SLEV	Signal Level for AGC	5000	MV
SPAN	DIP Spanning	1/4	
SPFS	Sonic Porosity Formula	RAYMER_HUNT	
SPSO	Sonic Porosity Source	DTLN	
STDA	Structural DIP Azimuth	0	DEG
STDI	Structural DIP Angle	0	DEG
STEP	Correlation Step	0.6096	M
SWW	Sonic Window Width	13	MS
TOCA	T0 Correction	ON	
TD	Total Depth	32768	FT
TDD	Total Depth - Driller	6320.00	M
TDL	Total Depth - Logger	6320.00	M
TEMS	GPIT Temperature Sensor Used	BOTH	
TMIN	Thorium Minimum	0	PPM
TSHA	Thorium Shale	12	PPM
TSIG	Test Signal	OFF	
TWS	Temperature of Connate Water Sample	37.78	DEGC
UMIN	Uranium Minimum	0	PPM
USHA	Uranium Shale	3	PPM
VDLG	VDL Manual Gain	40	
VDLM	VDL Firing Mode	NONE	
WAGC	Waveform AGC	ON	
WGAI	Waveform Manual Gain WGAI	20	
WGDT	Waveform Gain Delta-T	240	US/F
WGIN	Waveform Gain Interval	4800	US
WMOD	Waveform Firing Mode	LDDB	
XGAI	Gain	GAIN_2	
XMOD	Emex Mode	MANUAL	
XOFF	Offset	OFFSET_0	
XVOL	Emex Voltage	0	V

Format: SONI Vertical Scale: 1:200 Graphics File Created: 13-Apr-2001 11:59

OP System Version: 9C2-303
MCM

MEST-B	9C2-303	SDT-C	9C2-303
NGT-C	9C2-303	TCC-BF	9C2-303

Input DLIS Files

DEFAULT	FMS_SONIC_NGS_044LUP	FN:47	PRODUCER	13-Apr-2001 08:25	6089.3 M	5801.0 M
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Output DLIS Files

DEFAULT	FMS_SONIC_NGS_048PUP	FN:55	PRODUCER	13-Apr-2001 11:59		
REDUCE	FMS_SONIC_NGS_048PUP	FN:56	PRODUCER	13-Apr-2001 11:59		

Input DLIS Files

DEFAULT	FMS_SONIC_NGS_043LUP	FN:45	PRODUCER	13-Apr-2001 07:30	6075.9 M	5839.8 M
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Output DLIS Files

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OP System Version: 9C2-303

MCM

MEST-B
NGT-C

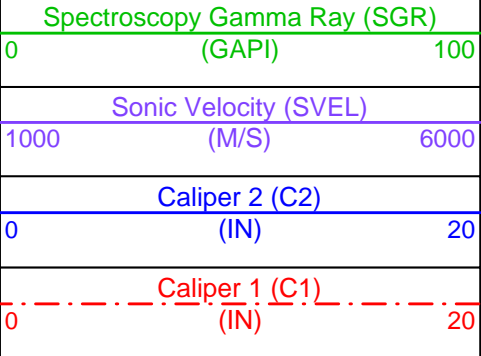
9C2-303
9C2-303

SDT-C
TCC-BF

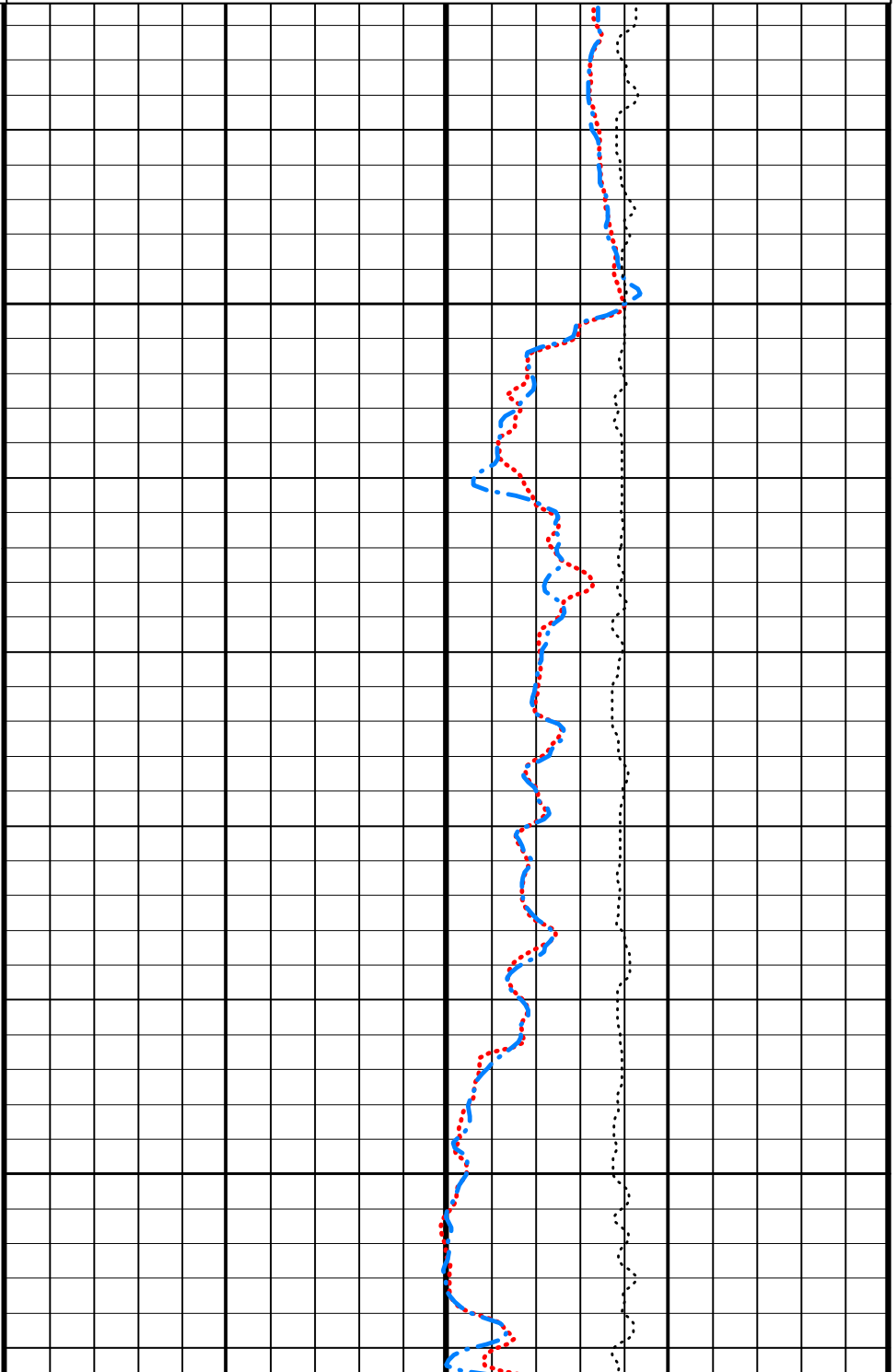
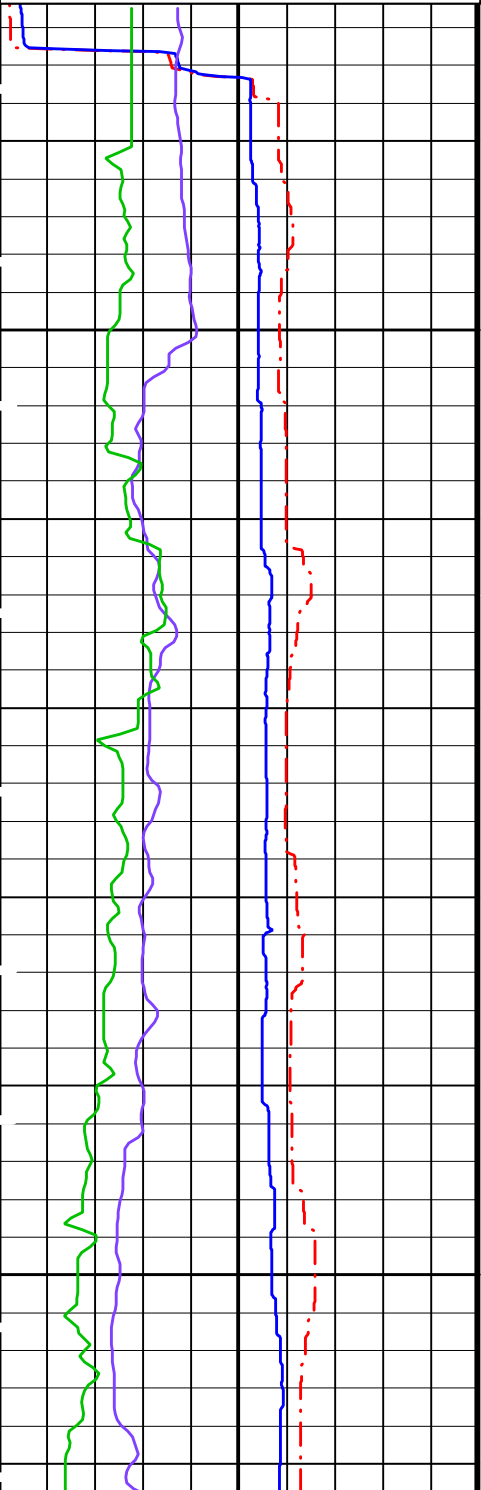
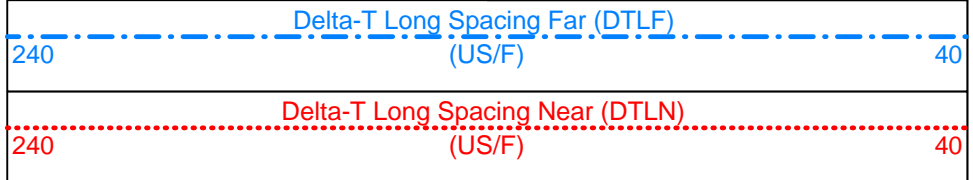
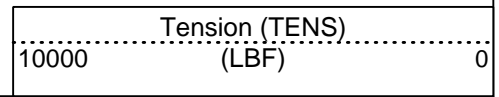
9C2-303
9C2-303

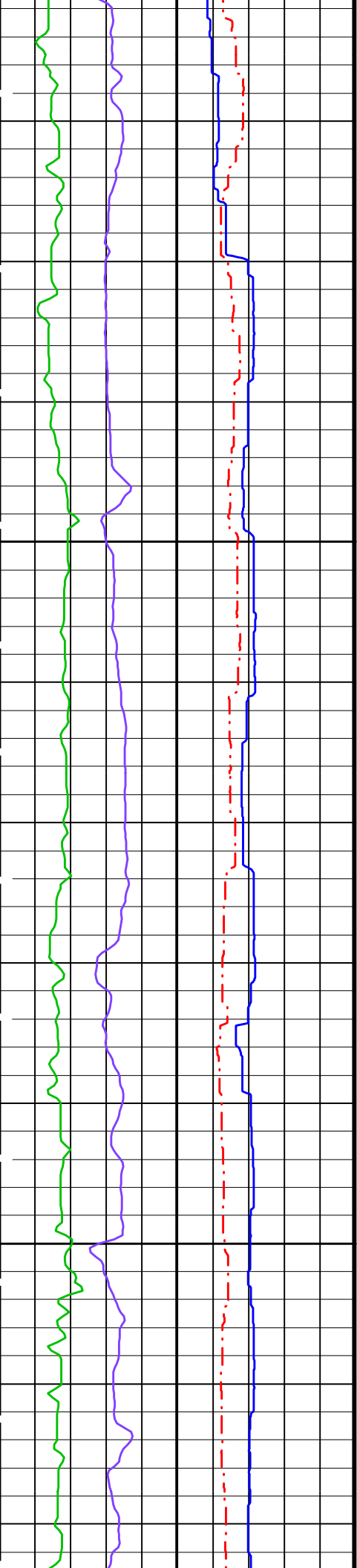
PIP SUMMARY

Time Mark Every 60 S



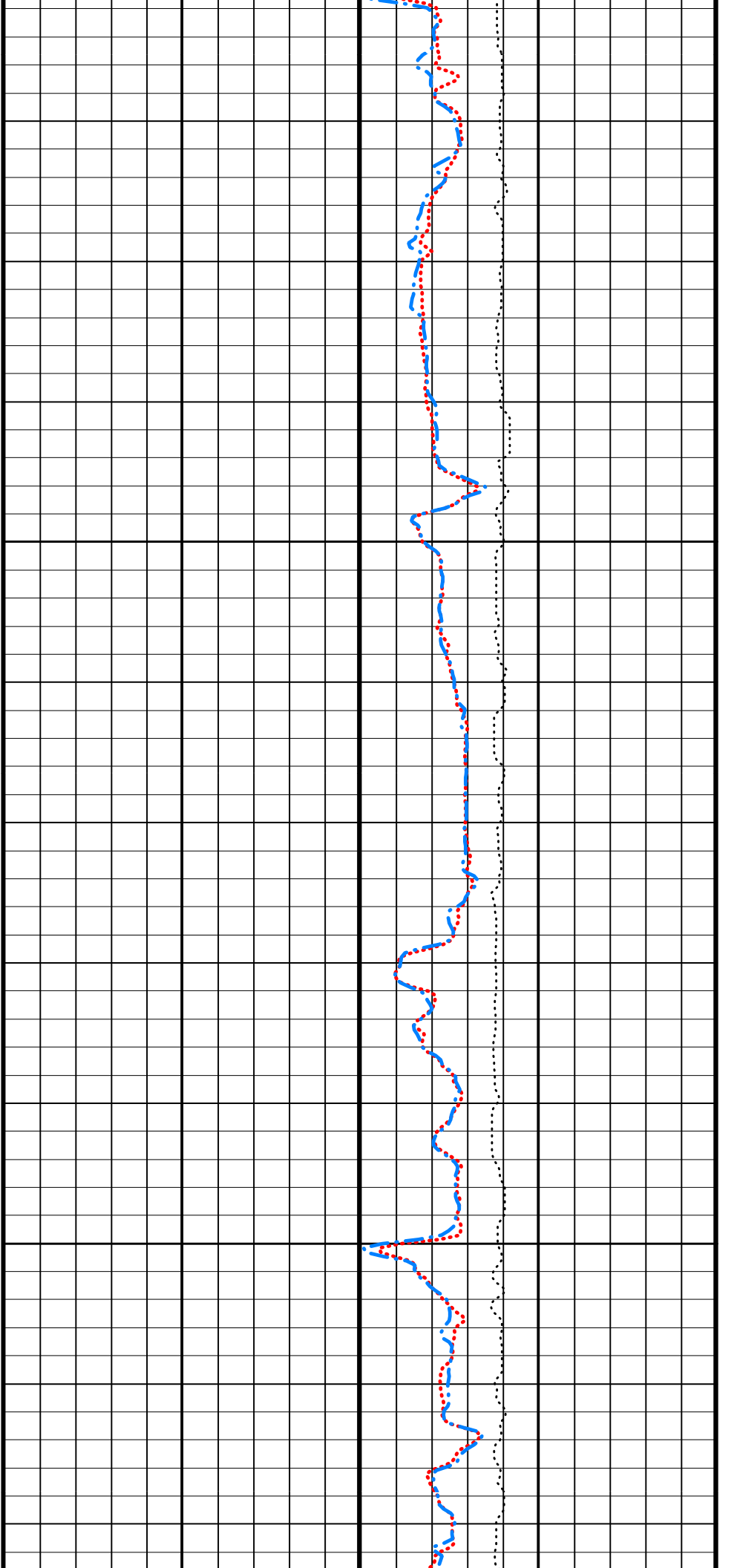
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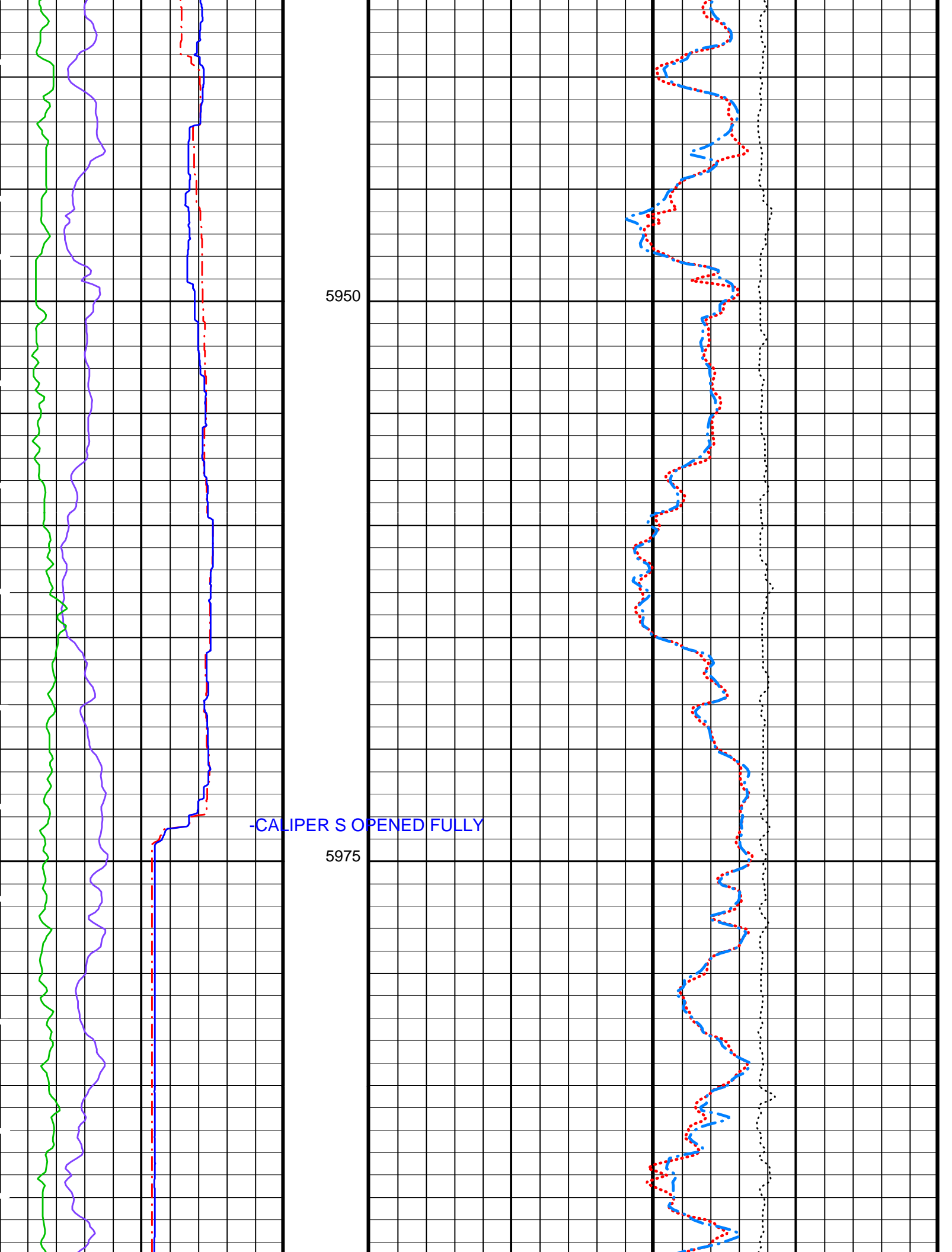




5900

5925

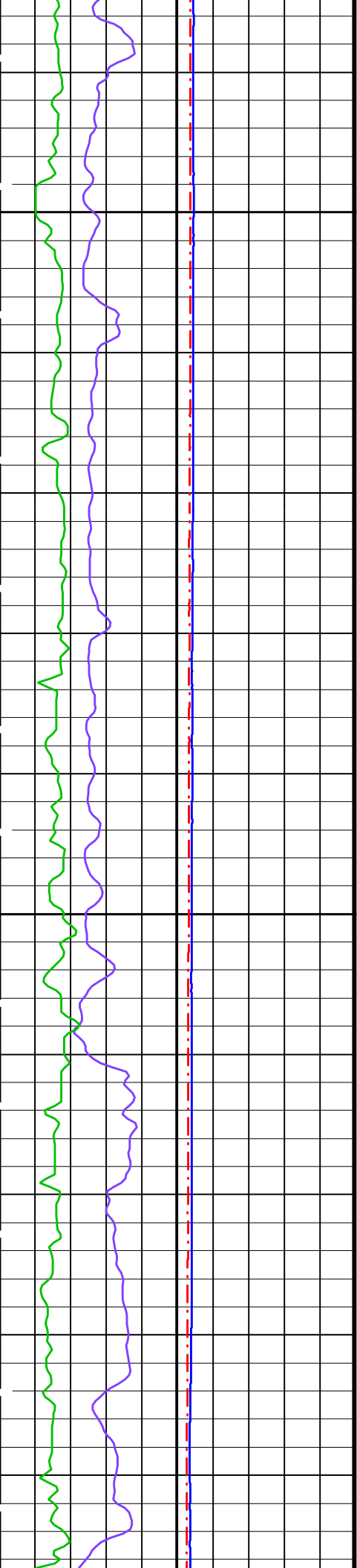




5950

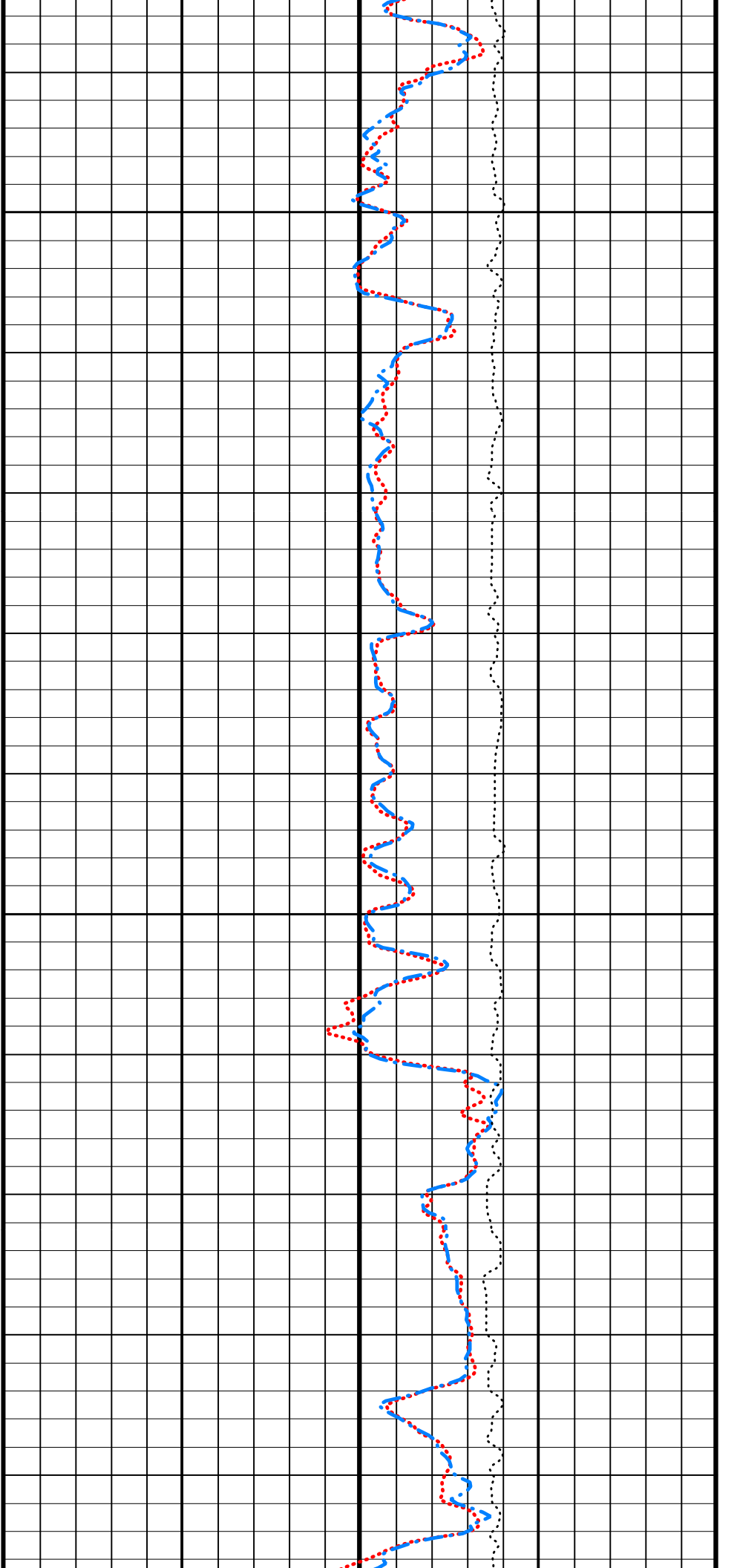
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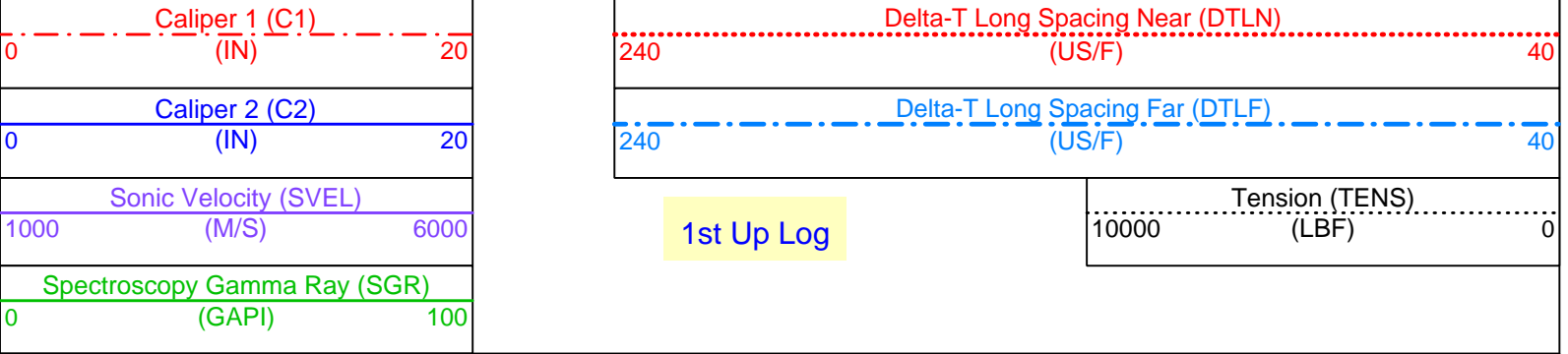
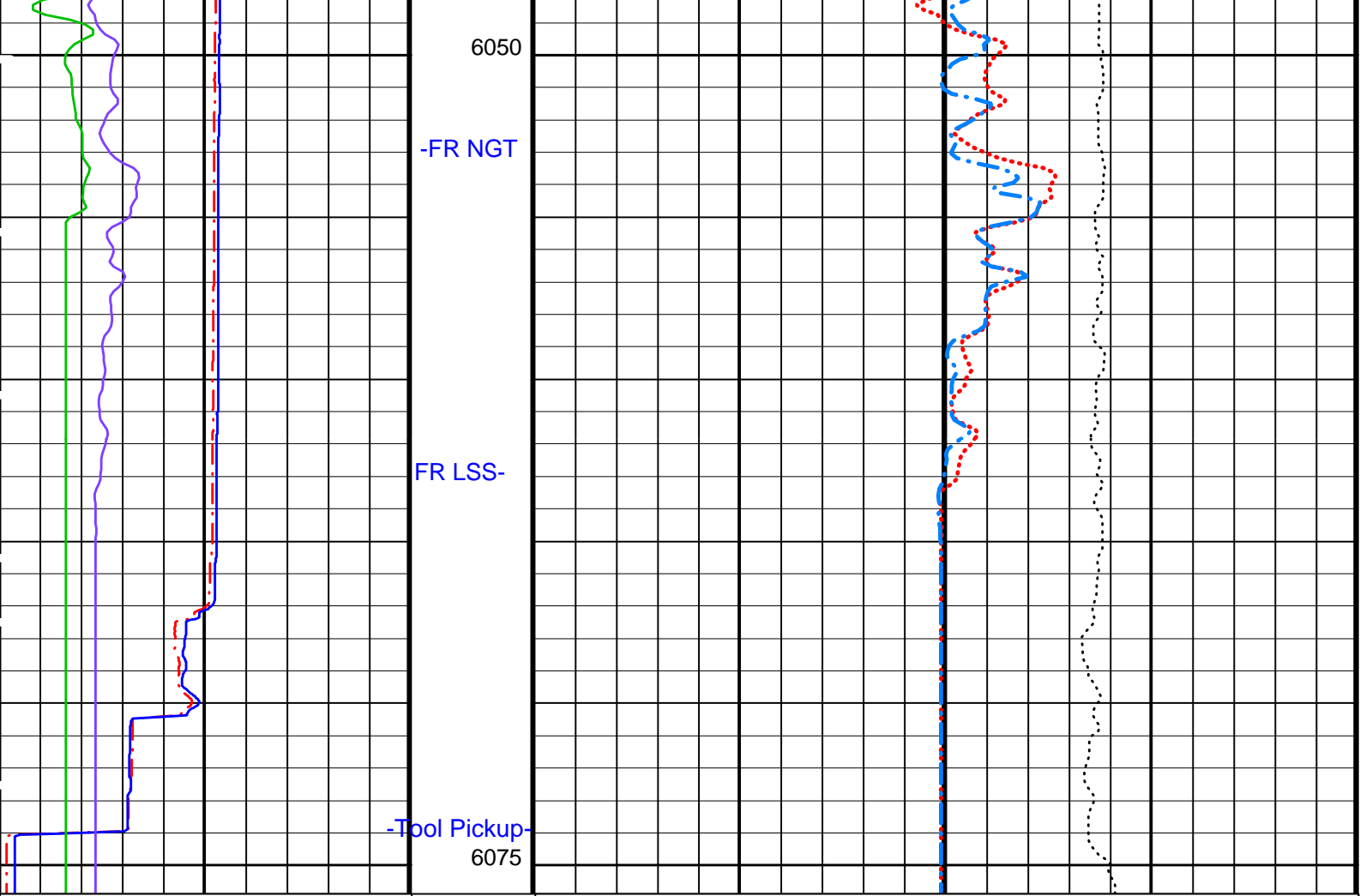
5975



6000

6025





PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
ACPP	DIP Tool	SHDT
AFMO	Accelerometer PROM Presence	PRESENT
AGC	Accelerometer Filtering Mode	MOVING_AVERAGE
ALTDPCHAN	Automatic Gain Control	ON
AMSG	Name of alternate depth channel	MeasuredDepth
ART	Auxilliary Minimum Sliding Gate	180 US
ASGL	Accelerometer Reference Temperature	20 DEGC
BILI	Auxilliary Minimum Sliding Gate Width	100 US
BS	Bond Index Level for Zone Isolation	0.8
BSAL	Bit Size	9.875 IN
CBAR	Borehole Salinity	35000.00 PPM
CBLG	Constant Barite	1
CDDEL	CBL Gate Width	45 US
CDSIN	Digitizing Delay (Acq Monitor Checked)	0 US
CDS	Digitizer Sample Interval (Acq Monitor Checked)	DS10
CDWCO	C-Delta-T Shale	100 US/F
CGMI	Digitizer Word Count (Acq Monitor Checked)	400
CGSH	Spectro Computed Gamma Ray Minimum	0 GAPI
CRMOD	Spectro Computed Gamma Ray Shale	100 GAPI
	Receiver Mode (Acq Monitor Checked)	B

CRMCD	Receiver Mode (Acq Monitor Checked)	2L	
CSBL	CSB DIP Number of Levels	0	
CSIZ	Current Casing Size	0.000	IN
CSTR	Compressive Strength of Cement	0	KPAA
CVDLM	VDL Firing Mode (Acq Monitor Checked)	NONE	
CWEI	Casing Weight	0.00	LB/F
CWMOD	Waveform Firing Mode (Acq Monitor Checked)	LDDDB	
DDE0	Digitizing Delay 0	0	US
DDEL	Digitizing Delay	0	US
DDMG	Downhole Differential Multi-Gain	10	
DETE	Detection	E2	
DFD	Drilling Fluid Density	1.05	G/C3
DO	Depth Offset for Playback	0.0	M
DPAD	Disabled Pad	NONE	
DSI0	Digitizer Sample Interval 0	10	US
DSIN	Digitizer Sample Interval	DS10	
DTCM	Delta-T Computation Mode	FULL	
DTF	Delta-T Fluid	189	US/F
DTLI	Delta-T Limiting	ON	
DTM	Delta-T Matrix	56	US/F
DWCO	Digitizer Word Count 0	400	
DWCO	Digitizer Word Count	400	
EDAC	Error Depth Averaging Constant	60.96	M
EDTH	Error Decision Threshold	0.6	
ELRA	Electrical Radius	0.5	IN
FCF	CBL Fluid Compensation Factor	1	
GAI	Manual Gain	40	
GLM	GPIT Logging Mode	DIPM	
GOBO	Good Bond	2	MV
ICMO	Inclinometry Computation Mode	AUTOMATIC_SELECTION	
INT	Correlation Interval	1.2192	M
ITTS	Integrated Transit Time Source	DTLN	
KMIN	Potassium Minimum	0	
KSHA	Potassium Shale	0.02	
MAPP	Magnetometer PROM Presence	PRESENT	
MCI	Minimum Cemented Interval	3.048	M
MDEC	Magnetic Field Declination	-1.92146	DEG
MGAI	Maximum Gain	4000	
MLM	MEST Logging Mode	SCAN900	
MODE	Firing Mode	LDDDB	
MRTE	Magneto Reference Temperature	19	DEGC
MSA	Minimum Sonic Amplitude	0	MV
MSL	Mode Slow Loop	CLOSE	
MST	Mud Sample Temperature	82.00	DEGC
NFO	NGT Filtering Option	KALMAN	
NMSG	Near Minimum Sliding Gate	350	US
PBVSADP	Use alternate depth channel for playback	YES	
PCSL	Programmable Correction Slow Loop	98.0382	KEV
PMUD	Potassium Mud	0	%
PP	Playback Processing	RECOMPUTE	
PTYP	Pad Type - High Resolution or Medium Extended Coverage	HR_SLIM_0_12_IN	
RATE	Firing Rate	R7	
RBS	Resistivity Button Selection	AUTO	
RMFS	Resistivity of Mud Filtrate Sample	-50000.0000	OHMM
RMOD	Receiver Mode	B	
RW	Resistivity of Connate Water	1.0000	OHMM
SANG	Correlation Search Angle	35	DEG
SBUT	DIP Set of Buttons	MSD	
SDFA	Side-by-Side Distance Factor	0.9	IN
SFAF	Sonic Formation Attenuation Factor	0	DB/M
SGAD	Sliding Gate	ON	
SGDT	Sliding Gate Delta-T	50	US/F
SGMI	Spectro Gamma Ray Minimum	0	GAPI
SGSH	Spectro Gamma Ray Shale	100	GAPI
SGW	Sliding Gate Width	80	US
SLEV	Signal Level for AGC	5000	MV
SPAN	DIP Spanning	1/4	
SPFS	Sonic Porosity Formula	RAYMER_HUNT	
SPSO	Sonic Porosity Source	DTLN	
STDA	Structural DIP Azimuth	0	DEG
STDI	Structural DIP Angle	0	DEG
STEP	Correlation Step	0.6096	M
SWW	Sonic Window Width	13	MS
T0CA	T0 Correction	ON	
TD	Total Depth	32768	FT
TDD	Total Depth - Driller	6320.00	M
TDL	Total Depth - Logger	6320.00	M
TEMS	GPIT Temperature Sensor Used	BOTH	
TMIN	Thorium Minimum	0	PPM
TSHA	Thorium Shale	12	PPM
TSIG	Test Signal	OFF	
TWS	Temperature of Connate Water Sample	37.78	DEGC
UMIN	Uranium Minimum	0	PPM
USHA	Uranium Shale	3	PPM

VDLG	VDL Manual Gain	40	
VDLM	VDL Firing Mode	NONE	
WAGC	Waveform AGC	ON	
WGAI	Waveform Manual Gain WGAI	20	
WGDT	Waveform Gain Delta-T	240	US/F
WGIN	Waveform Gain Interval	4800	US
WMOD	Waveform Firing Mode	LDDB	
XGAI	Gain	GAIN_2	
XMOD	Emex Mode	MANUAL	
XOFF	Offset	OFFSET_0	
XVOL	Emex Voltage	0	V

Format: SONI Vertical Scale: 1:200 Graphics File Created: 13-Apr-2001 11:55

OP System Version: 9C2-303

MCM

MEST-B	9C2-303	SDT-C	9C2-303
NGT-C	9C2-303	TCC-BF	9C2-303

Input DLIS Files

DEFAULT	FMS_SONIC_NGS_043LUP	FN:45	PRODUCER	13-Apr-2001 07:30	6075.9 M	5839.8 M
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Output DLIS Files

DEFAULT	FMS_SONIC_NGS_047PUP	FN:53	PRODUCER	13-Apr-2001 11:54
REDUCE	FMS_SONIC_NGS_047PUP	FN:54	PRODUCER	13-Apr-2001 11:54

Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
Micro Electrical Scanner - B (Slim) Wellsite Calibration - Caliper Calibration							
Before: Calibration out of date 12-Mar-2001 23:57							
Caliper 1 Zero Measurement	12.00	N/A	12.32	N/A	N/A	N/A	IN
Caliper 2 Zero Measurement	12.00	N/A	11.91	N/A	N/A	N/A	IN
Caliper 1 Plus Measurement	15.13	N/A	15.18	N/A	N/A	N/A	IN
Caliper 2 Plus Measurement	15.13	N/A	14.90	N/A	N/A	N/A	IN
Micro Electrical Scanner - B (Slim) Wellsite Calibration - CROUZET ACCELEROMETER PROM HAS BEEN READ CORRECTLY							
Before: Calibration out of date 12-Mar-2001 23:50							
TEMPERATURE REFERENCE :	N/A	N/A	20	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	92	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	10	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	448	N/A	N/A	N/A	
Micro Electrical Scanner - B (Slim) Wellsite Calibration - CROUZET MAGNETOMETER PROM HAS BEEN READ CORRECTLY							
Before: Calibration out of date 12-Mar-2001 23:50							
TEMPERATURE REFERENCE :	N/A	N/A	19	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	99	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	12	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	428	N/A	N/A	N/A	
Natural Gamma Spectroscopy - C Wellsite Calibration - Background Measurement							
Master: 13-Mar-2001 4:22 Before: 13-Mar-2001 4:26							
WINDOW 1 Background	100.0	16.31	15.47	N/A	N/A	100.0	CPS
WINDOW 2 Background	50.00	4.016	3.990	N/A	N/A	50.00	CPS
WINDOW 3 Background	10.00	0.9899	0.9550	N/A	N/A	10.00	CPS
WINDOW 4 Background	6.000	0.3780	0.2588	N/A	N/A	6.000	CPS
WINDOW 5 Background	10.00	0.4777	0.4478	N/A	N/A	10.00	CPS
SGR Background	30.00	5.801	5.525	N/A	N/A	N/A	GAPI
Natural Gamma Spectroscopy - C Wellsite Calibration - Normalized Jig Measurement							
Master: 13-Mar-2001 4:17 Before: 13-Mar-2001 4:32							
WINDOW 1 Jig	376.0	385.9	382.2	N/A	N/A	22.56	CPS
WINDOW 2 Jig	167.0	169.3	169.7	N/A	N/A	10.02	CPS
WINDOW 3 Jig	24.00	23.95	24.29	N/A	N/A	1.440	CPS
WINDOW 4 Jig	14.00	13.71	13.87	N/A	N/A	2.800	CPS
WINDOW 5 Jig	22.50	22.08	21.94	N/A	N/A	4.500	CPS
SGR Jig	160.0	160.8	160.0	N/A	N/A	7.000	GAPI
Natural Gamma Spectroscopy - C Master Calibration - Master Quality Control Values							
Master: 13-Mar-2001 4:08							

Photomultiplier Res. CARC3	8.000	9.628	--	--	--	--	CPS
APU WINDOW Jig	1350	1171	--	--	--	--	CPS
APL WINDOW Jig	1350	1171	--	--	--	--	CPS

The NGT PCSL Value is set to 98.038 KEV

Micro Electrical Scanner - B (Slim) / Equipment Identification

Primary Equipment:

MEST Sonde - B	MEDS - B	724
MEST Preamplifier Cartridge - AB	MEPC - AB	807
GPIT Cartridge - A	GPIC - A	719
MEST Acquisition Cartridge - A	MEAC - A	804

Auxiliary Equipment:

MEST-B Preamplifier Cartridge Housing	MEPH - A	702
MEST Acquisition Cartridge Housing (Slim)	MEAH - B	702

Natural Gamma Spectroscopy - C / Equipment Identification

Primary Equipment:

NGT Cartridge	NGC - C	1731
NGT Sonde	NGD - A	1720

Auxiliary Equipment:

NGT Cartridge Housing	NGCH - A	1733
NGT Sonde Housing	NGH - B	1721
Gamma Source Radioactive	GSR - U	

Natural Gamma Spectroscopy - C Wellsite Calibration

Background Measurement

Phase	WINDOW 1 Background CPS	Value	Phase	WINDOW 2 Background CPS	Value	Phase	WINDOW 3 Background CPS	Value
Master		16.31	Master		4.016	Master		0.9899
Before		15.47	Before		3.990	Before		0.9550
	0 (Minimum) 100.0 (Nominal) 400.0 (Maximum)			0 (Minimum) 50.00 (Nominal) 200.0 (Maximum)			0 (Minimum) 10.00 (Nominal) 40.00 (Maximum)	
Phase	WINDOW 4 Background CPS	Value	Phase	WINDOW 5 Background CPS	Value	Phase	SGR Background GAPI	Value
Master		0.3780	Master		0.4777	Master		5.801
Before		0.2588	Before		0.4478	Before		5.525
	0 (Minimum) 6.000 (Nominal) 24.00 (Maximum)			0 (Minimum) 10.00 (Nominal) 40.00 (Maximum)			0 (Minimum) 30.00 (Nominal) 120.0 (Maximum)	

Master: 13-Mar-2001 4:22

Before: 13-Mar-2001 4:26

Natural Gamma Spectroscopy - C Wellsite Calibration

Normalized Jig Measurement

Phase	WINDOW 1 Jig CPS	Value	Phase	WINDOW 2 Jig CPS	Value	Phase	WINDOW 3 Jig CPS	Value
Master		385.9	Master		169.3	Master		23.95
Before		382.2	Before		169.7	Before		24.29
	354.0 (Minimum) 376.0 (Nominal) 398.0 (Maximum)			155.0 (Minimum) 167.0 (Nominal) 179.0 (Maximum)			21.50 (Minimum) 24.00 (Nominal) 26.50 (Maximum)	
Phase	WINDOW 4 Jig CPS	Value	Phase	WINDOW 5 Jig CPS	Value	Phase	SGR Jig GAPI	Value
Master		13.71	Master		22.08	Master		160.8
Before		13.87	Before		21.94	Before		160.0
	12.50 (Minimum) 14.00 (Nominal) 15.50 (Maximum)			20.00 (Minimum) 22.50 (Nominal) 25.00 (Maximum)			148.0 (Minimum) 160.0 (Nominal) 172.0 (Maximum)	

Master: 13-Mar-2001 4:17

Before: 13-Mar-2001 4:32

Natural Gamma Spectroscopy - C Wellsite Calibration

Quality Control Values

Phase	DHVF Jig V	Value	Phase	Quality Windows Ratio Jig	Value
Master		1340	Master		2.280

Before		1341	Before		2.252
	1088 (Minimum)	1450 (Nominal)		2.150 (Minimum)	2.240 (Nominal)
		1813 (Maximum)			2.330 (Maximum)
Master: 13-Mar-2001 4:17			Before: 13-Mar-2001 4:32		

Natural Gamma Spectroscopy - C Wellsite Calibration		
Quality Control Values Check		
Phase	Thorium peak Form Factor Jig	Value
Before		-0.02285
	-0.2000 (Minimum)	0 (Nominal)
		0.2000 (Maximum)
Before: 13-Mar-2001 4:32		

Natural Gamma Spectroscopy - C Master Calibration											
Master Quality Control Values											
Phase	Photomultiplier Res. CARC3		Value	Phase	APU WINDOW Jig CPS		Value	Phase	APL WINDOW Jig CPS		Value
Master			9.628	Master			1171	Master			1171
	4.500 (Minimum)	8.000 (Nominal)	11.50 (Maximum)		700.0 (Minimum)	1350 (Nominal)	1600 (Maximum)		700.0 (Minimum)	1350 (Nominal)	1600 (Maximum)
Phase	Thorium peak Form Factor Jig		Value								
Master			-0.09366								
	-0.1000 (Minimum)	0 (Nominal)	0.1000 (Maximum)								
Master: 13-Mar-2001 4:08											

COMPANY:	Lamont Doherty	BOTTOM LOG INTERVAL	6075 m
WELL:	ODP Leg 195, Site 1201D (WP-1B)	SCHLUMBERGER DEPTH	6314 m
FIELD:	ION	DEPTH DRILLER	6320 m
Country:	Japan	KELLY BUSHING	11.2989 m
Ocean:	West Phillipine Sea	DRILL FLOOR	11 m
		GROUND LEVEL	-5720 m

Schlumberger

Long Spacing Sonic
Gamma Ray