

COMPANY: Lamont Doherty

WELL: ODP Leg 193, Site 1188F (PCM-2A)

FIELD: Manus Basin, Snowcap

COUNTY: Offshore STATE: Bismarck Sea

COUNTY: Offshore
Field: Manus Basin, Snowcap
Location: ODP Leg 193, Site 1188F (PCM-2A)
Company: Lamont Doherty



Dipole Sonic, Lower Dipole Shear
Crossed Dipole
Natural Gamma Ray

Permanent Datum: MSL Elev.: K.B. 11.3 m
Log Measured From: Drill Floor G.L. -1653 m
Drilling Measured From: Drill Floor Elev.: 0 m
11.0 m above Perm. Datum D.F. 11 m

API Serial No. LATITUDE: 03° 43.6850' S LONGITUDE: 151° 40.1909' E RIG: JOIDES Resolution

Logging Date	21-DEC-2000
Run Number	1
Depth Driller	2039.7 m
Schlumberger Depth	2008 m
Bottom Log Interval	1998 m
Top Log Interval	1652 m
Casing Driller Size @ Depth	0.000 in @ 1843 m
Casing Schlumberger	1843 m
Bit Size	7.250 in
Type Fluid In Hole	Seawater
Density	1.1 g/cm3
Fluid Loss	PH
Source Of Sample	Seawater
RM @ Measured Temperature	0.180 ohm.m @ 30 degC
RMF @ Measured Temperature	0.235 ohm.m @
RMC @ Measured Temperature	@
Source RMF	RMC
RM @ MRT	0.078 @ 98 @ 98
Maximum Recorded Temperatures	98 degC
Circulation Stopped	Time 20-Dec-2000 22:00
Logger On Bottom	Time 21-DEC-2000 17:00
Unit Number	99 Location Houston ODP
Recorded By	Kerry M. Swain
Witnessed By	Gerardo Iturrino, Anne Bartetzko

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			
Source Of Sample			
RM @ Measured Temperature			
RMF @ Measured Temperature			
RMC @ Measured Temperature			
Source RMF			
RM @ MRT			
Maximum Recorded Temperatures			
Circulation Stopped			
Logger On Bottom			
Unit Number			
Recorded By			
Witnessed By			

Run 1

Run 2

Run

DISCLAIMER

THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

OTHER SERVICES1 OS1: FMS OS2: DITE OS3: APS/HLDS OS4: OS5:	OTHER SERVICES2 OS1: OS2: OS3: OS4: OS5:
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REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
HGTC (HighTemp/High Pressure Gamma Ray Telemetry Cartridge) used for Temperature with LEH-QO head and MTEM sensor.	
Log presented in meters below rig floor. Sea floor at 1652 mbrf.	
Wireline heave compensator used on all descents.	
Sea water used as mud in hole.	
Log TD at 2008 mbrf and tool could not reach drillers depth of 2039.7 mbrf.	
Maximum temperature recorded from MTEM sensor in head.	
Toolstring-MEST/NGTC/DTA/CMEAY/DSSTB/CMEAY/HGTC/LEHQO	
DSI Centralized with 2 CMEAY's.	
Pass 1 logged with Cross Dipole, Stonely, P&S	
Pass 2 logged with Stonely, P&S, lower dipole-low frequency.	
Crossed Dipole mode needs to be processed by GEOFRAME.	
Inclinometry data from FMS has faulty FX sensor so orientation is not correct.	
To obtain correct orrientation, FX has to be computed using the local magnetic field intensity for this lat/long and FY, FZ. This should be done using Geoframe.	

RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION:	9C1-303		PROGRAM VERSION:		
FLUID LEVEL:	0 m		FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1	RUN 2
SURFACE EQUIPMENT	
GSR-U WITM (DTS)-A	

RUN 1	RUN 2
DOWNHOLE EQUIPMENT	
LEH-MT	33.85
LEH-MT 1	
Mud Tempe	32.89
HTGC-B	32.89
UDFH-KL 1062	
Gamma Ray	31.87
STGC0-A 8038	
CTEM	31.00
STGC1-BH 8038	
MTEM 1	

TelStatus — 29.64

AH-CMEAY
AH-CMEAY 765

29.64

DSST-B
SPAC-B 18
ECH-SD 18
SMDR-BD 8070
SSIJ-BA 65
SMDX-AA 8026

28.35

PWF — 12.81

AH-CMEAY
AH-CMEAY 764

12.81

DTA-A
ECH-KE 8231

11.52

NGT-C
NGD-A 1736
NGH-B 3
NGC-C 1921
NGCH-A 752

Detector — 9.92

10.30

MEST-B
MEAH-B 701
MEAC-A 833
MEPH-A 701
GPIC-A 719
MEPC-AB 807
MEDS-B 702

7.68

MEDR MEAC
MEPC MEDS-B
ACCZ HV DF
Tension GPIT

TOOL ZERO

0.46

0.00

MAXIMUM STRING DIAMETER 3.75 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

Output DLIS Files

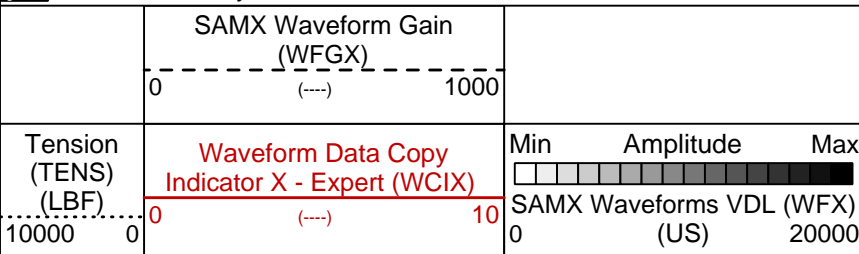
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LAMONT	MESTB .031	FN:57 PRODUCER	21-Dec-2000 16:59	2008.6 M	1835.7 M

OP System Version: 9C1-303 MCM

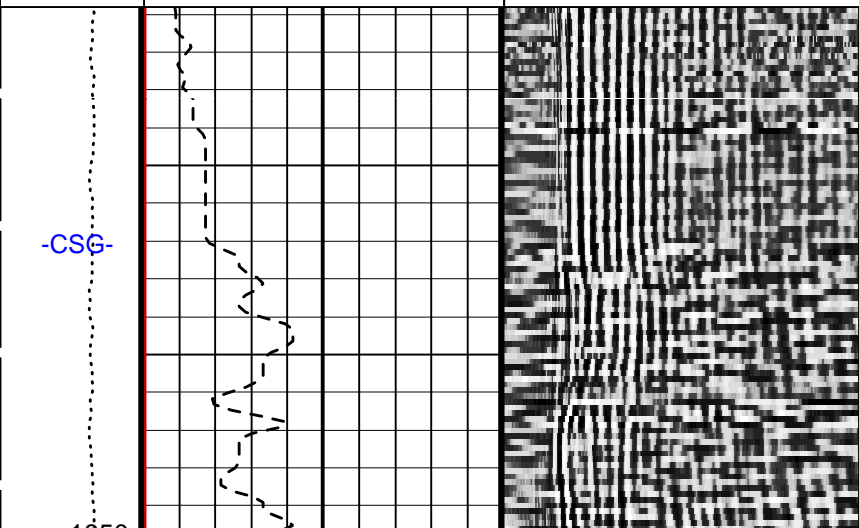
MEST-B	OP91-kp2	NGT-C	OP91-kp2
DTA-A	OP91-kp2	DSST-B	OP91-kp2
HTGC-B	OP91-kp2		

PIP SUMMARY

Time Mark Every 60 S



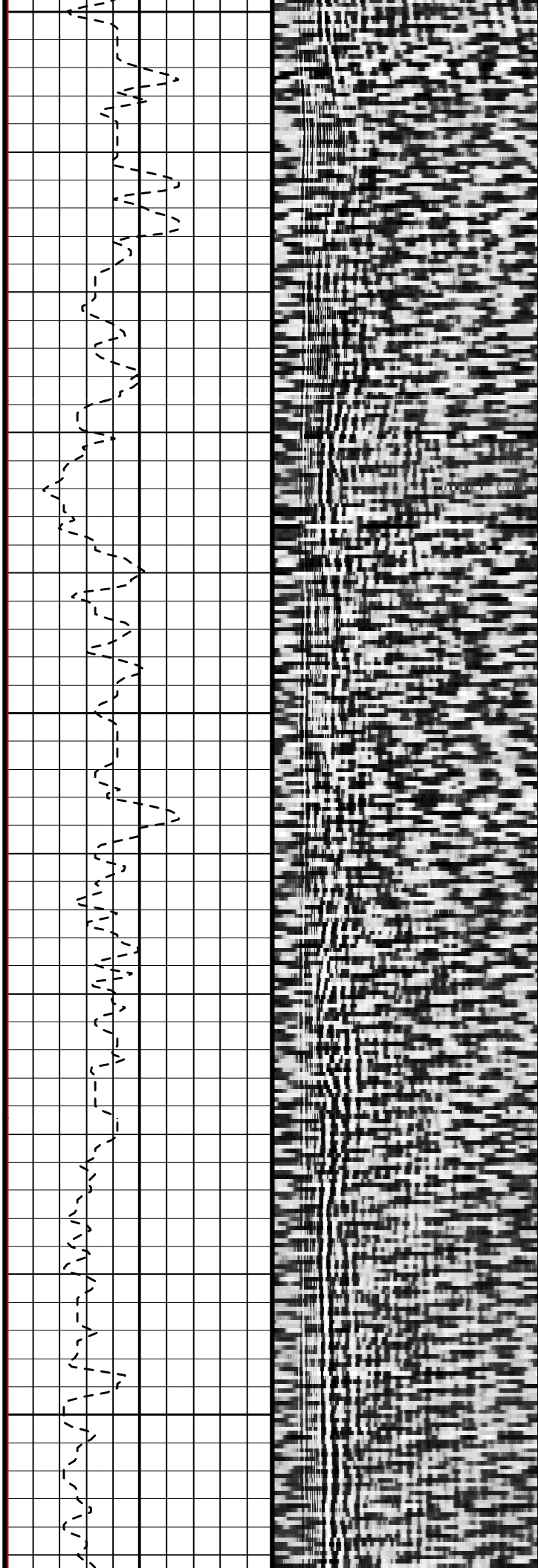
CROSSED DIPOLE VDL



1850

1875

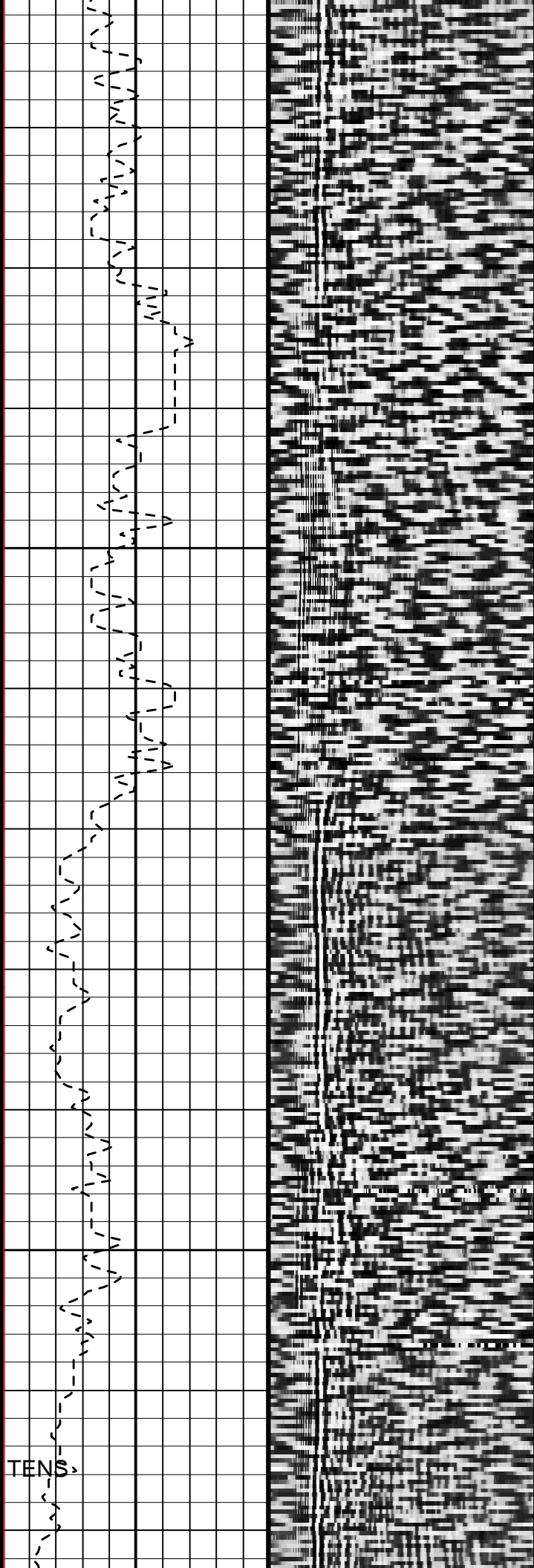
1900

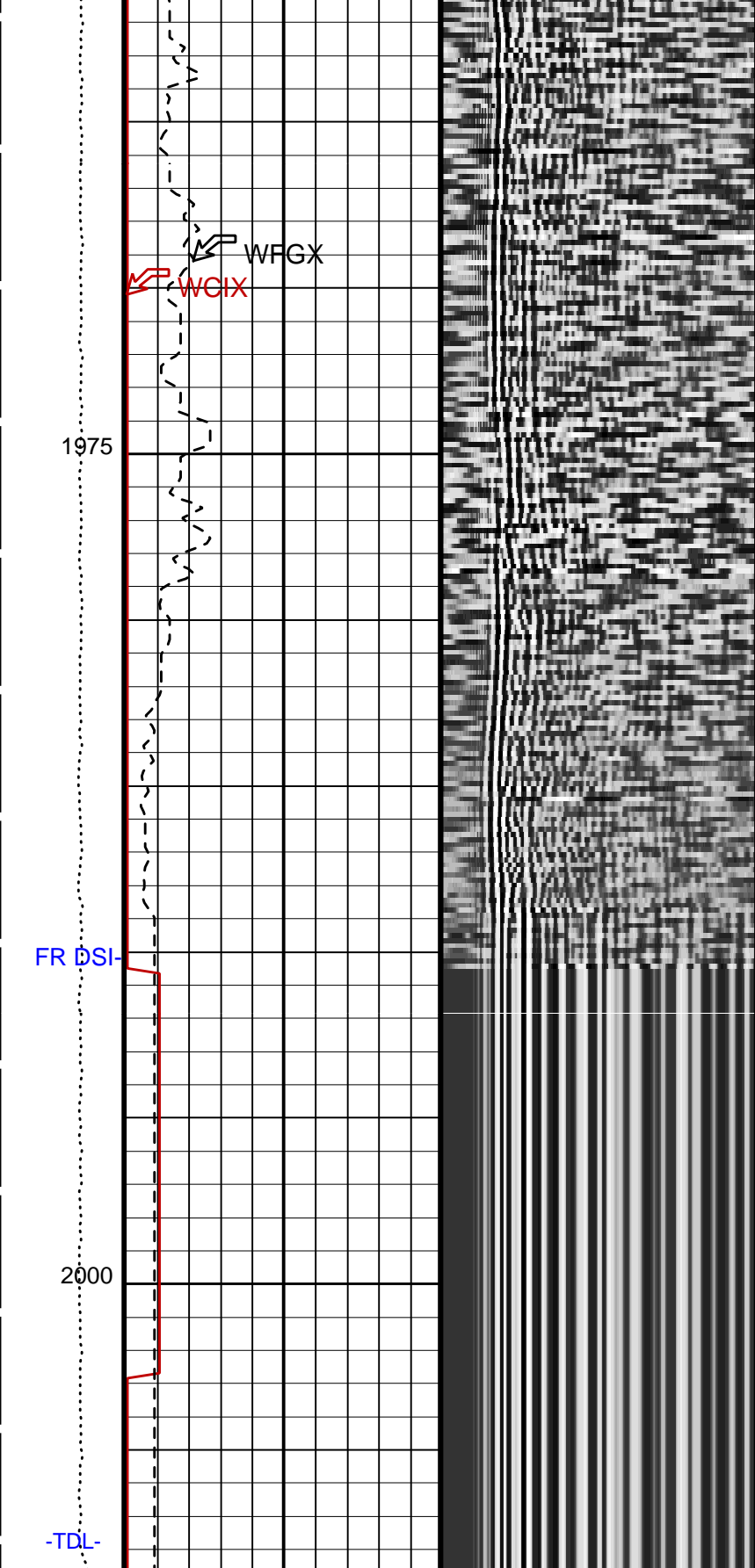


1925

1950

TENS





Tension (TENS) (LBF)	Waveform Data Copy Indicator X - Expert (WCIX)	Min	Amplitude	Max
	0 (---) 10			
10000 0		SAMX Waveforms VDL (WFX)		
		0 (US) 20000		
	SAMX Waveform Gain (WFGX)			
	0 (---) 1000			

CROSSED DIPOLE VDL

Parameters

DLIS Name	Description	Value
DWCX	Digitizer Word Count X	512
LTXG	Lower Dipole Transmitter Geometry	156 IN
RX1G	Receiver 1 Geometry	294 IN
RX2G	Receiver 2 Geometry	300 IN
RX3G	Receiver 3 Geometry	306 IN
RX4G	Receiver 4 Geometry	312 IN
RX5G	Receiver 5 Geometry	318 IN
RX6G	Receiver 6 Geometry	324 IN
RX7G	Receiver 7 Geometry	330 IN
RX8G	Receiver 8 Geometry	336 IN
SAMX	DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert	BCR
WFMX	Waveform Mode X	W1

Format: DSST_WFX_SPECTRUM Vertical Scale: 1:200 Graphics File Created: 21-Dec-2000 16:59

OP System Version: 9C1-303

MCM

MEST-B	OP91-kp2	NGT-C	OP91-kp2
DTA-A	OP91-kp2	DSST-B	OP91-kp2
HTGC-B	OP91-kp2		

Output DLIS Files

DEFAULT	MESTB .031	FN:56 PRODUCER	21-Dec-2000 16:59
LAMONT	MESTB .031	FN:57 PRODUCER	21-Dec-2000 16:59

Output DLIS Files

DEFAULT	MESTB .032	FN:58 PRODUCER	21-Dec-2000 17:55	2009.2 M	1640.3 M
LAMONT	MESTB .032	FN:59 PRODUCER	21-Dec-2000 17:55	2009.2 M	1640.3 M

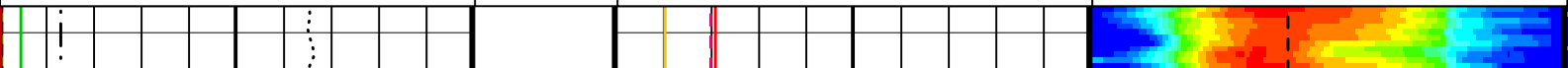
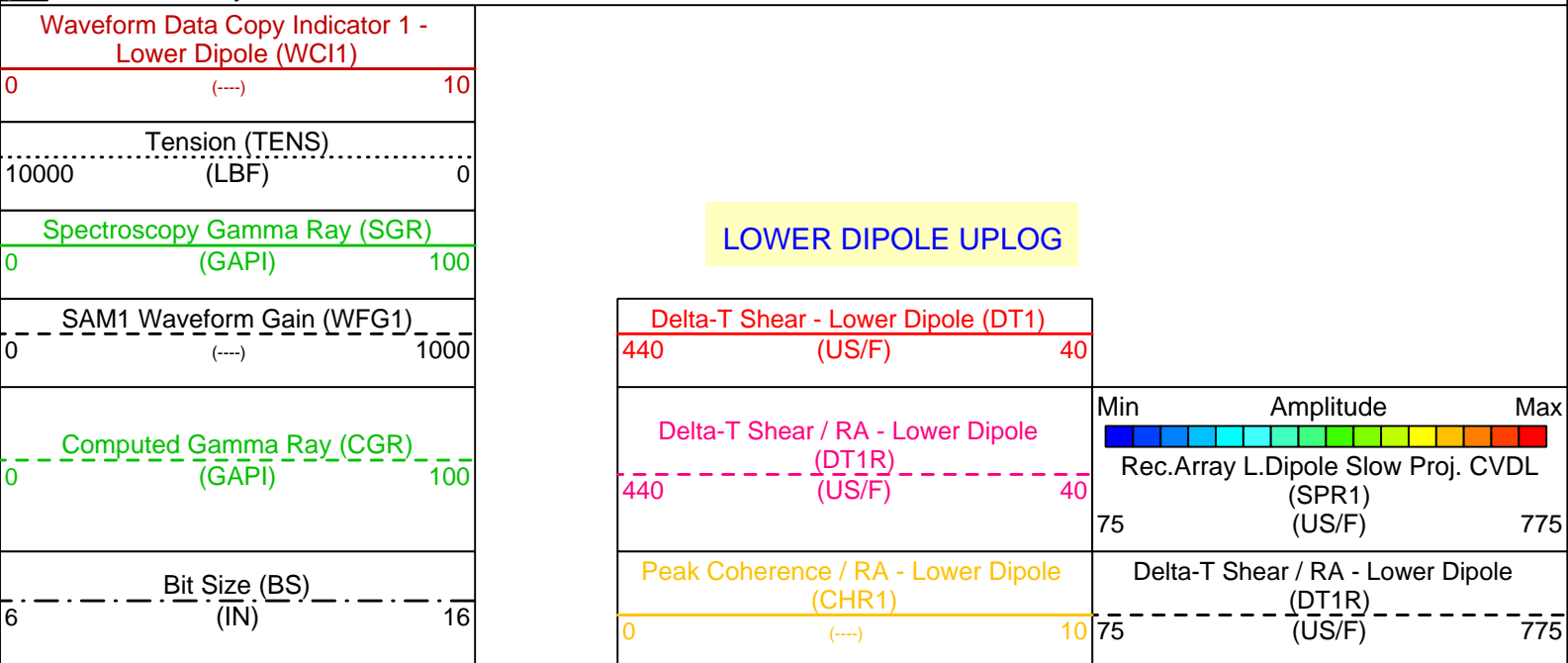
OP System Version: 9C1-303

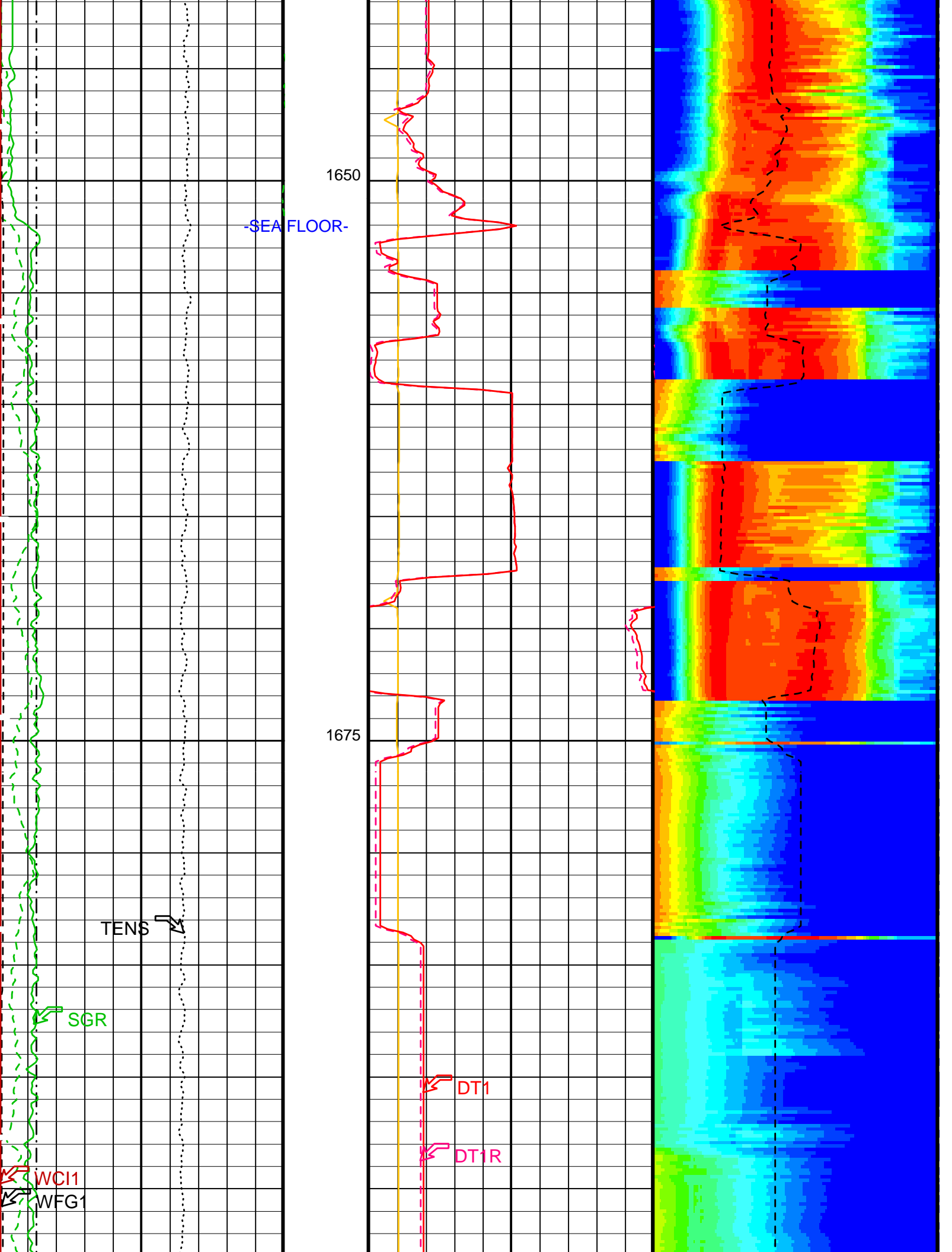
MCM

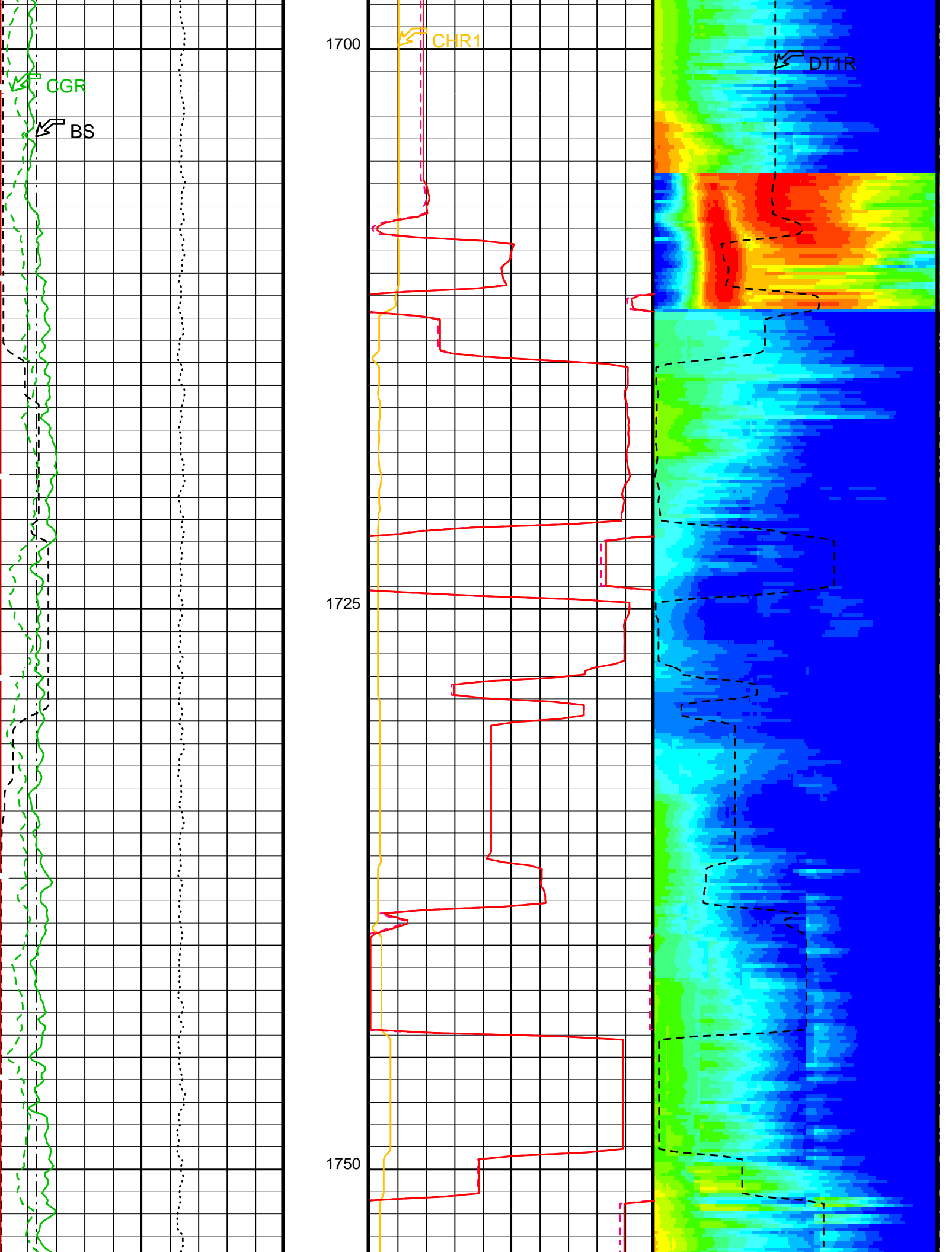
MEST-B	OP91-kp2	NGT-C	OP91-kp2
DTA-A	OP91-kp2	DSST-B	OP91-kp2
HTGC-B	OP91-kp2		

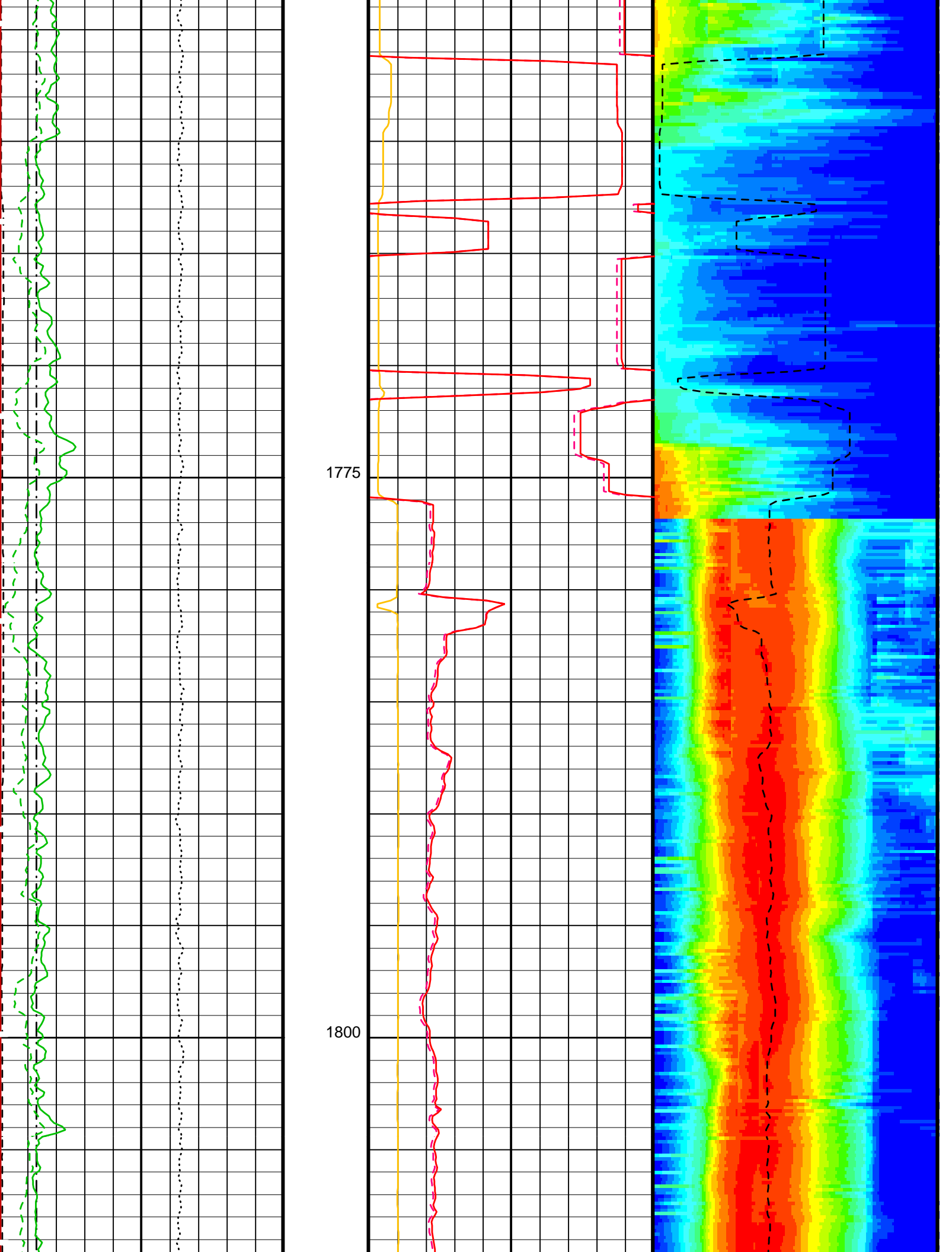
PIP SUMMARY

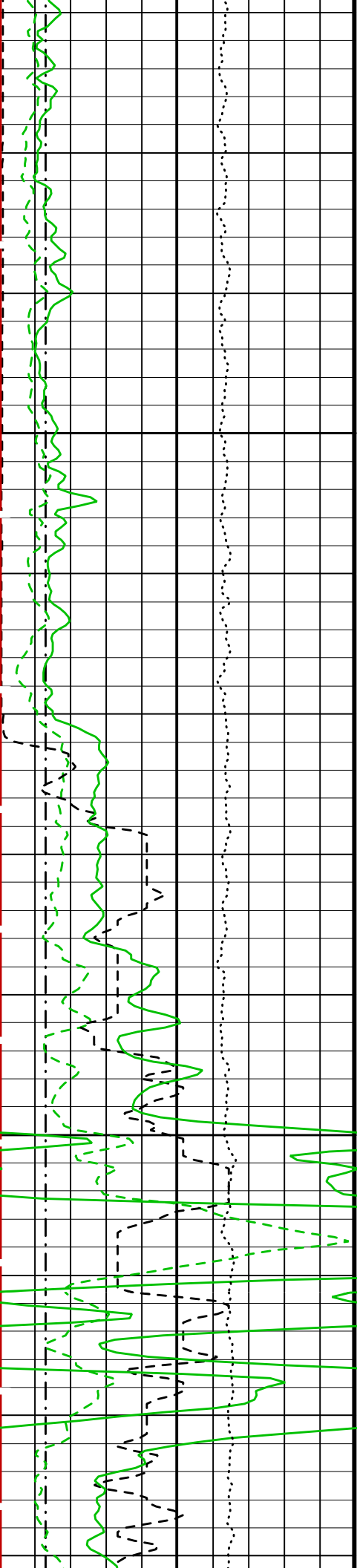
Time Mark Every 60 S







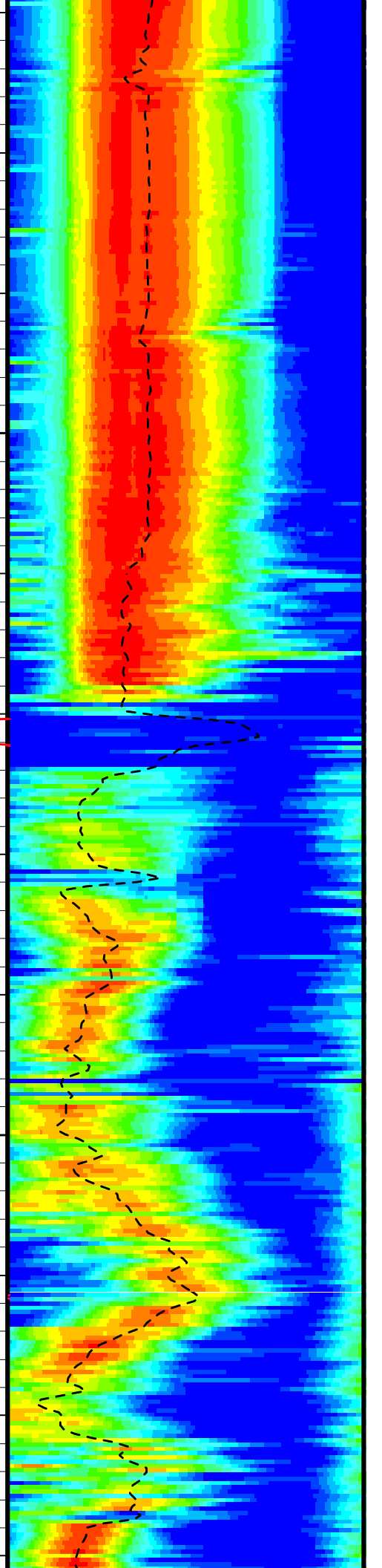
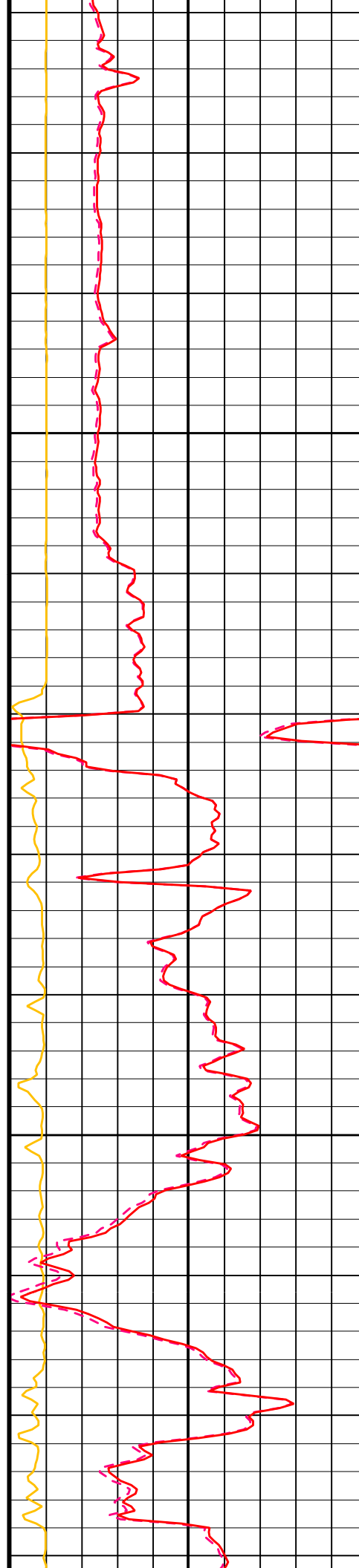


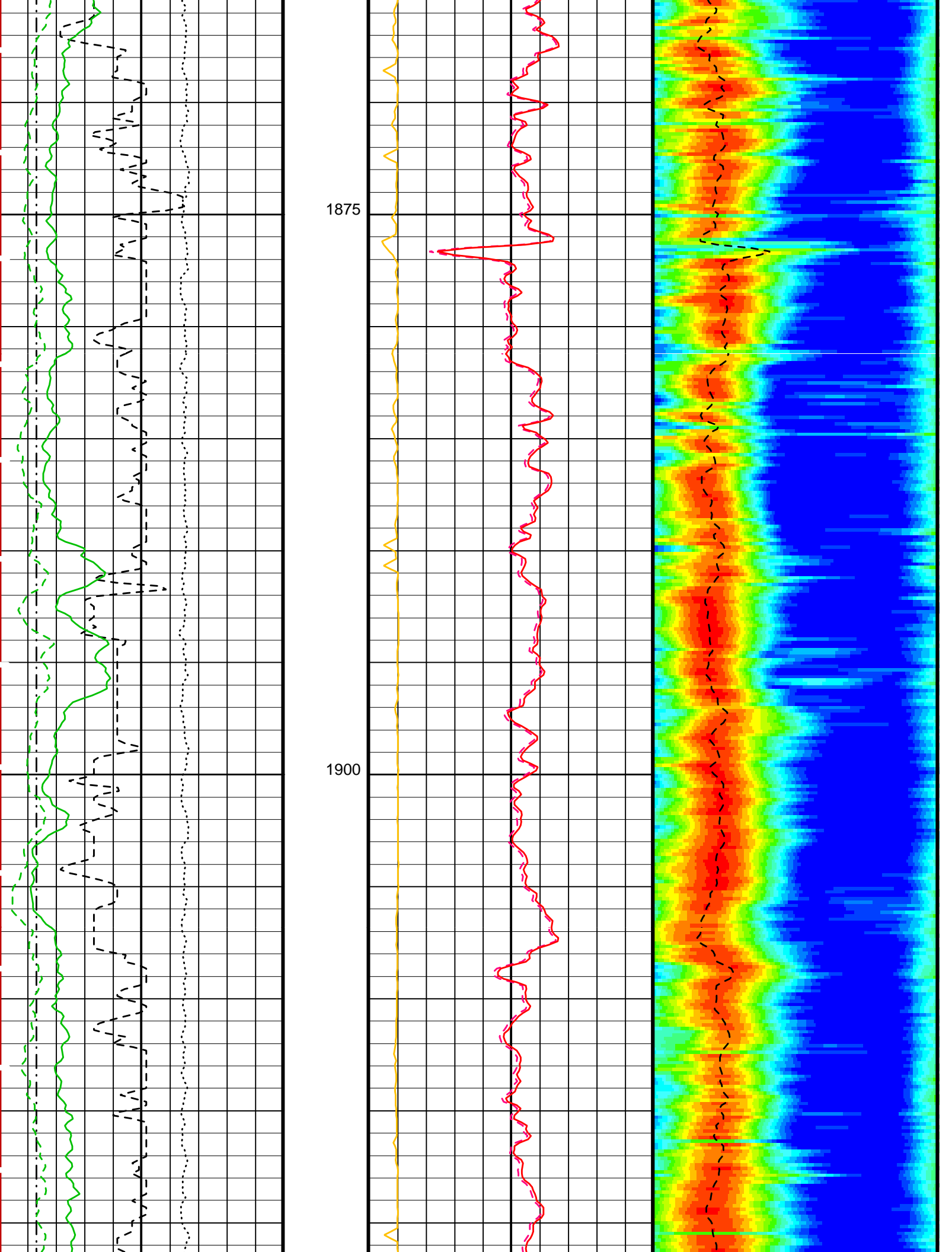


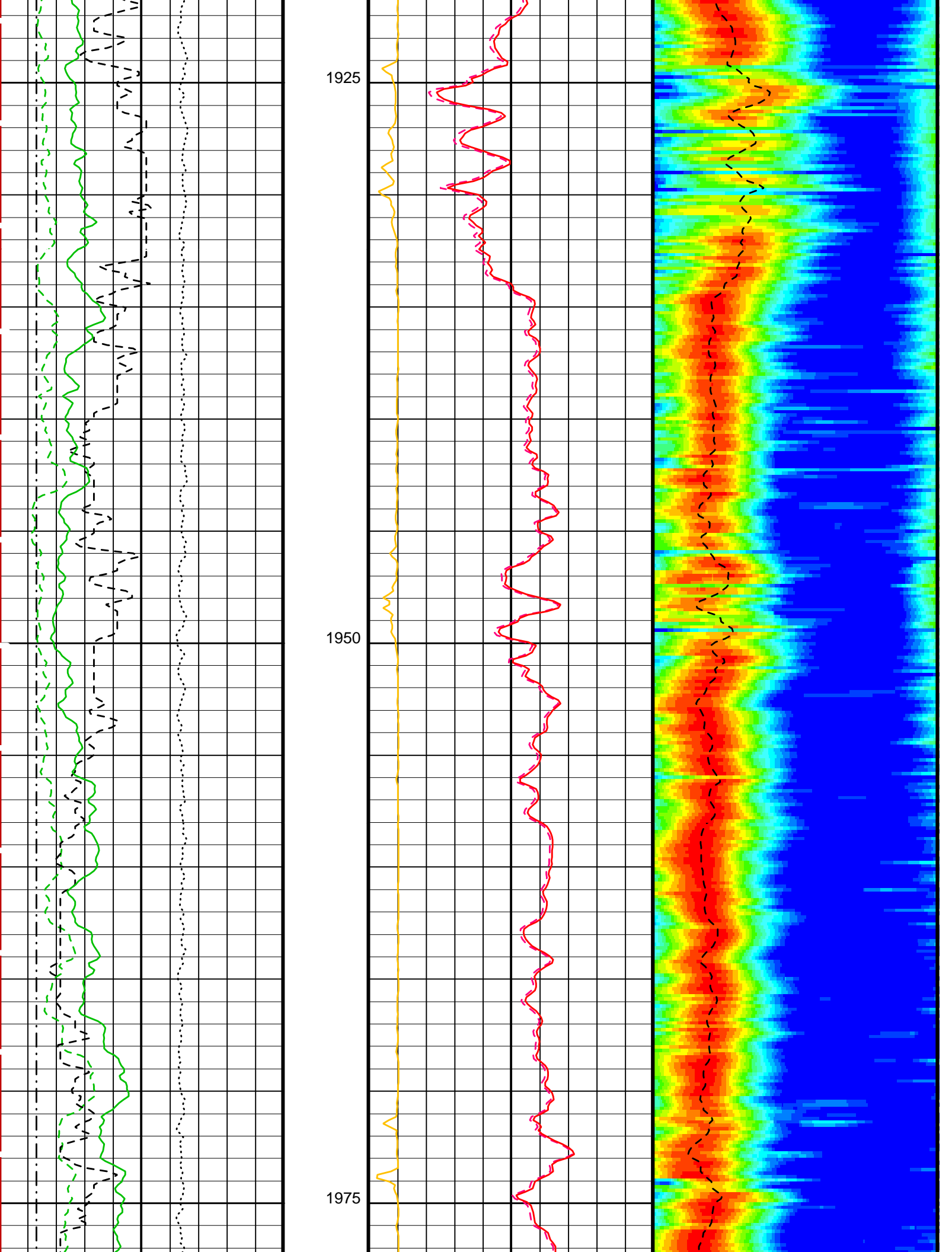
-CSG-

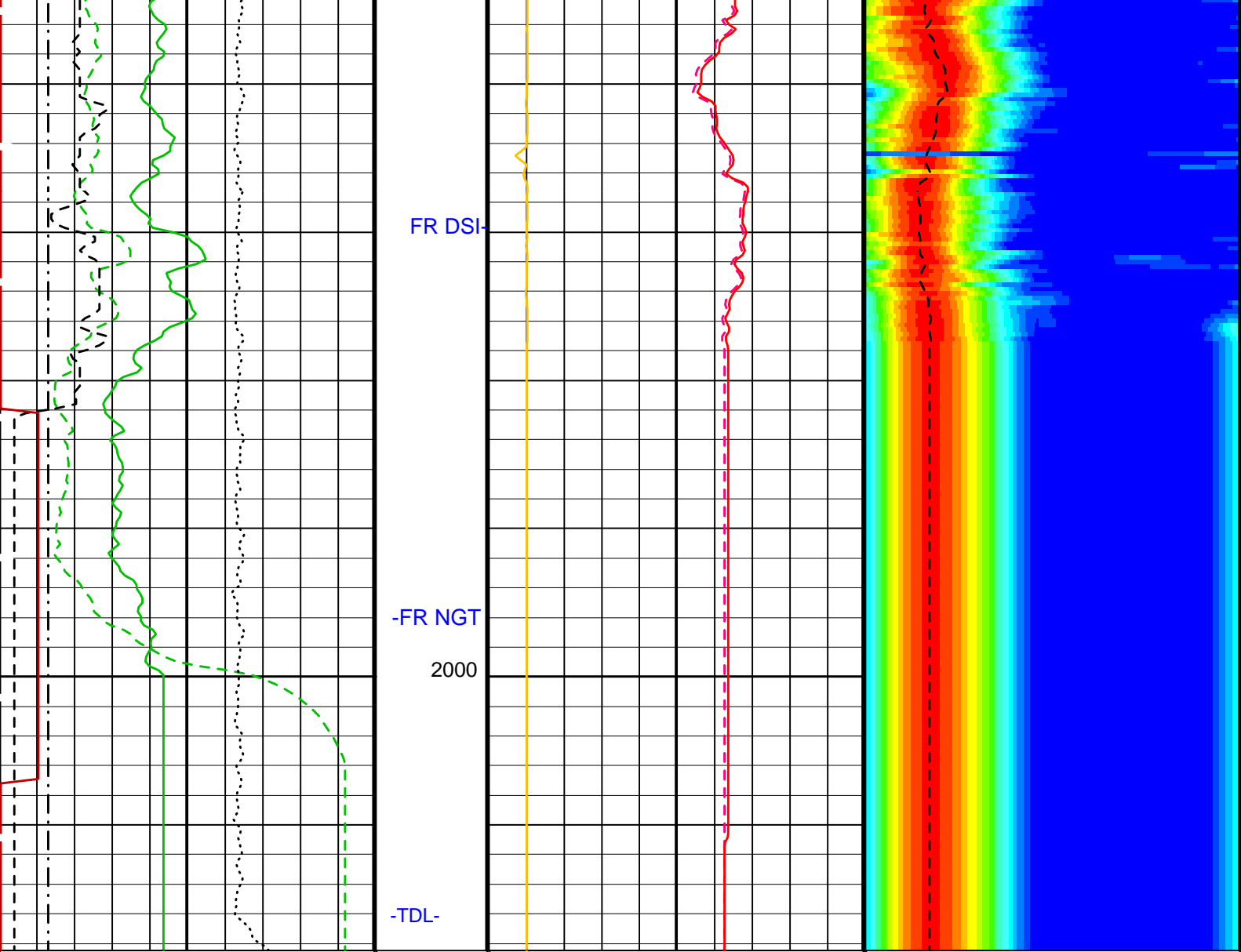
1825

1850









Bit Size (BS) (IN)	6	16
Computed Gamma Ray (CGR) (GAPI)	0	100
SAM1 Waveform Gain (WFG1) (---)	0	1000
Spectroscopy Gamma Ray (SGR) (GAPI)	0	100
Tension (TENS) (LBF)	10000	0
Waveform Data Copy Indicator 1 - Lower Dipole (WC1)	0	10

Peak Coherence / RA - Lower Dipole (CHR1)	0	10
Delta-T Shear / RA - Lower Dipole (DT1R) (US/F)	440	40
Delta-T Shear - Lower Dipole (DT1) (US/F)	440	40

Delta-T Shear / RA - Lower Dipole (DT1R) (US/F)	75	775
Min	Amplitude	Max
75	Rec.Array L.Dipole Slow Proj. CVDL (SPR1) (US/F)	775

PIP SUMMARY
 Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value
BS	Bit Size	7.250 IN

BS	Bit Size	7.250	IN
CBAR	Constant Barite	1	
CGMI	Spectro Computed Gamma Ray Minimum	0	GAPI
CGSH	Spectro Computed Gamma Ray Shale	100	GAPI
DDE1	Digitizing Delay 1	0	US
DDEX	Digitizing Delay X	0	US
DFD	Drilling Fluid Density	1.02	G/C3
DLCS	Label Compressional Source - Dipole Shear	USE	
DSHL	Label Slowness Lower Limit - Dipole Shear	75	US/F
DSHU	Label Slowness Upper Limit - Dipole Shear	775	US/F
DSI1	Digitizer Sample Interval 1	40	US
DSIX	Digitizer Sample Interval X	40	US
DTCS	Compressional Delta-T Source for DTCO Channel	PS_COMP	
DWC1	Digitizer Word Count 1	512	
DWCX	Digitizer Word Count X	512	
KMIN	Potassium Minimum	0	
KSHA	Potassium Shale	0.02	
LTXG	Lower Dipole Transmitter Geometry	156	IN
NFO	NGT Filtering Option	KALMAN	
PMUD	Potassium Mud	0	%
RX1G	Receiver 1 Geometry	294	IN
RX2G	Receiver 2 Geometry	300	IN
RX3G	Receiver 3 Geometry	306	IN
RX4G	Receiver 4 Geometry	312	IN
RX5G	Receiver 5 Geometry	318	IN
RX6G	Receiver 6 Geometry	324	IN
RX7G	Receiver 7 Geometry	330	IN
RX8G	Receiver 8 Geometry	336	IN
SAM1	DSST Sonic Acquisition Mode 1 - Lower Dipole Mode	LFD_EVEN	
SAMX	DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert	OFF	
SAS1	STC Sonic Array Status - Lower Dipole	255	
SBO1	STC Search Band Offset - Lower Dipole	3000	US
SBW1	STC Search Bandwidth - Lower Dipole	8000	US
SFC1	STC Formation Character - Lower Dipole	SELECTABLE	
SFM1	STC Filter - Lower Dipole	B.3-1.5K	
SGMI	Spectro Gamma Ray Minimum	0	GAPI
SGSH	Spectro Gamma Ray Shale	100	GAPI
SLL1	STC Slowness Lower Limit - Lower Dipole	75	US/F
SST1	STC Slowness Step - Lower Dipole	4	US/F
SSW1	STC Source Waveform - Lower Dipole	WF_SAM1	
SUL1	STC Slowness Upper Limit - Lower Dipole	775	US/F
SWD1	STC Slowness Width - Lower Dipole	40	US/F
TBF1	STC Time for Baseline Fill - Lower Dipole	0	US
TLL1	STC Time Lower Limit - Lower Dipole	600	US
TMIN	Thorium Minimum	0	PPM
TSHA	Thorium Shale	12	PPM
TST1	STC Time Step - Lower Dipole	200	US
TUL1	STC Time Upper Limit - Lower Dipole	15912.5	US
TWD1	STC Time Width - Lower Dipole	2000	US
TWI1	STC Integration Time Window - Lower Dipole	1600	US
TWSX	Transmitter Waveform Select X	0	
UMIN	Uranium Minimum	0	PPM
USHA	Uranium Shale	3	PPM
WFM1	Waveform Mode 1	W1	

Format: DSST_LOWER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 21-Dec-2000 17:55

OP System Version: 9C1-303

MCM

MEST-B	OP91-kp2	NGT-C	OP91-kp2
DTA-A	OP91-kp2	DSST-B	OP91-kp2
HTGC-B	OP91-kp2		

Output DLIS Files

DEFAULT	MESTB .032	FN:58	PRODUCER	21-Dec-2000 17:55
LAMONT	MESTB .032	FN:59	PRODUCER	21-Dec-2000 17:55

COMPANY: Lamont Doherty

WELL: ODP Leg 193, Site 1188F (PCM-2A)

FIELD: Manus Basin, Snowcap

COUNTY: Offshore

STATE: Bismarck Sea

BOTTOM LOG INTERVAL	1998 m
SCHLUMBERGER DEPTH	2008 m
DEPTH DRILLER	2039.7 m
KELLY BUSHING	11.3 m
DRILL FLOOR	11 m
GROUND LEVEL	-1653 m

Schlumberger

Dipole Sonic, Lower Dipole Shear

Crossed Dipole

Natural Gamma Ray