

RUN 4

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STOP

RUN 2

29.65

AH-CMEAY 765

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

28.36

PWF 12.81

AH-CMEAY
AH-CMEAY 764

12.81

DTA-A
ECH-KE 8261
DTA-A 8261

11.52

Detector 9.92

10.30

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

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

7.68

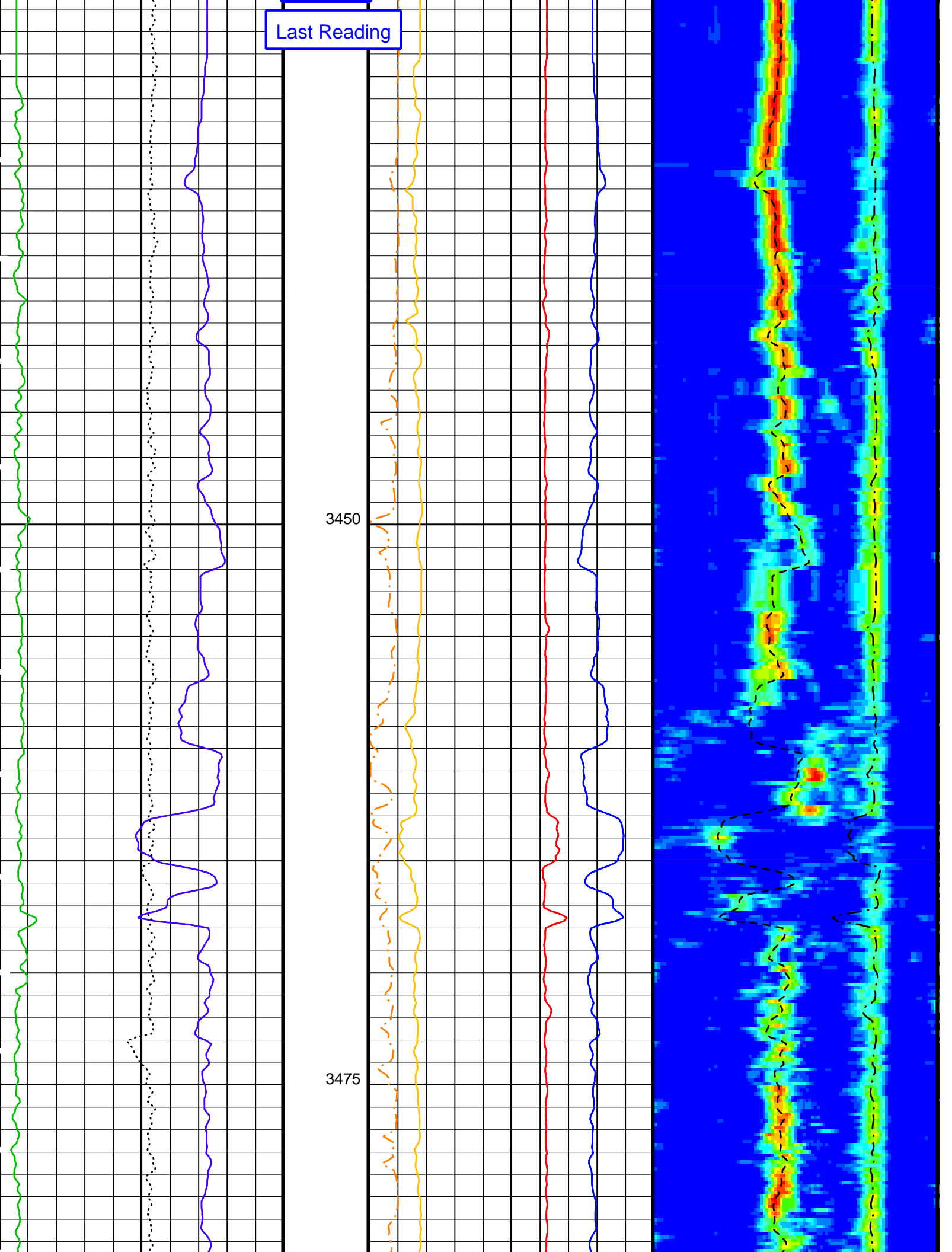
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MEPC MEDS-B
HV DF
Tension GPIT
TOOL ZERO

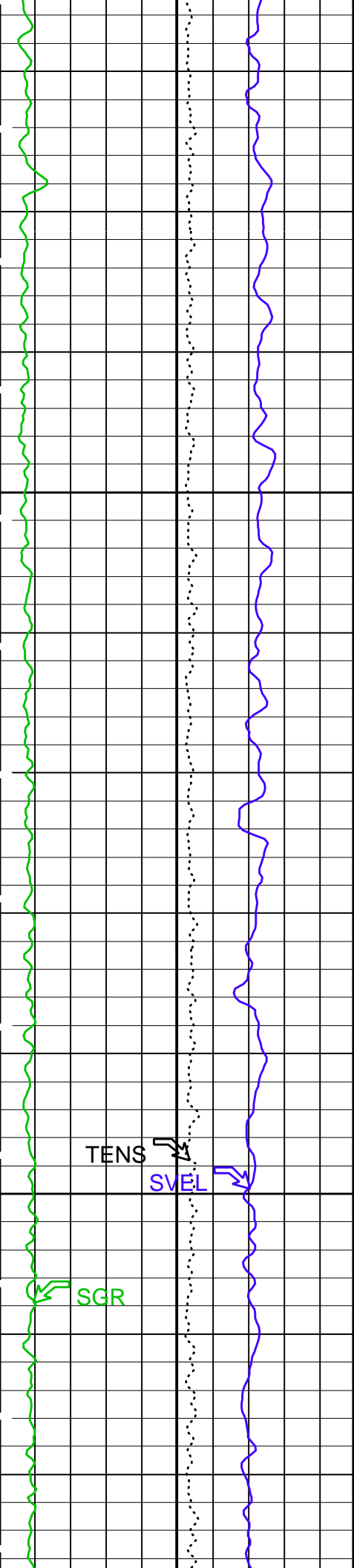
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MAXIMUM STRING DIAMETER 4.50 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

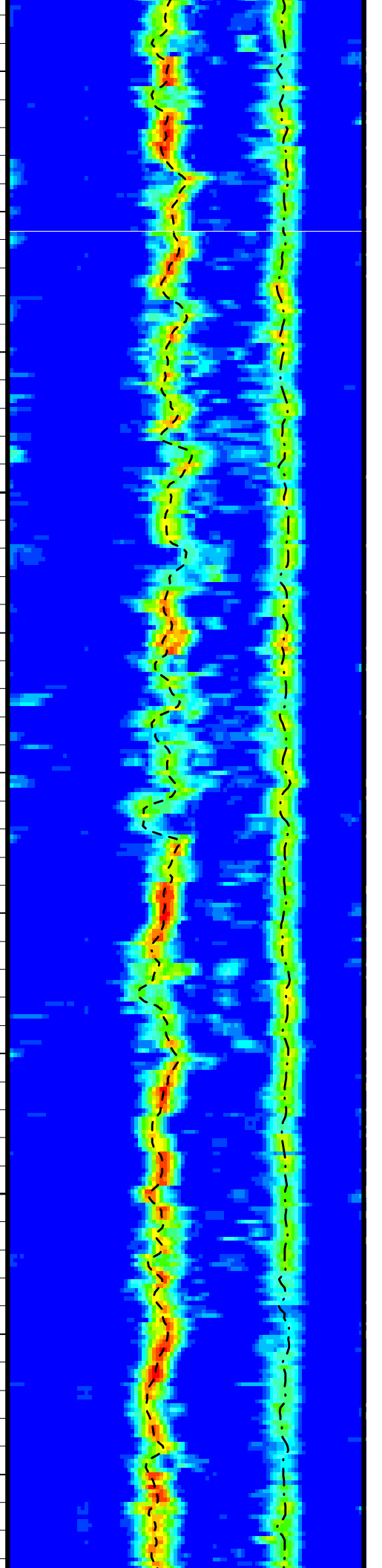
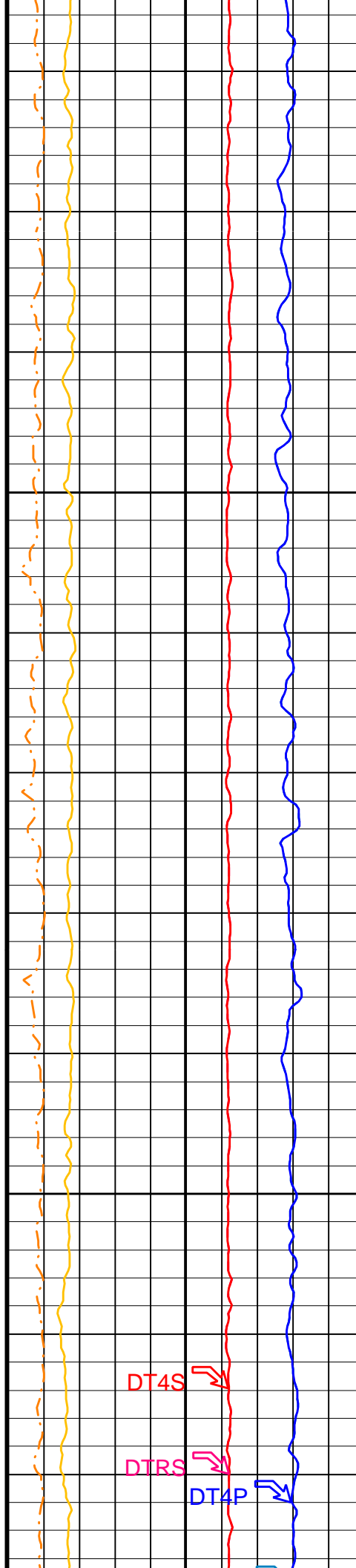
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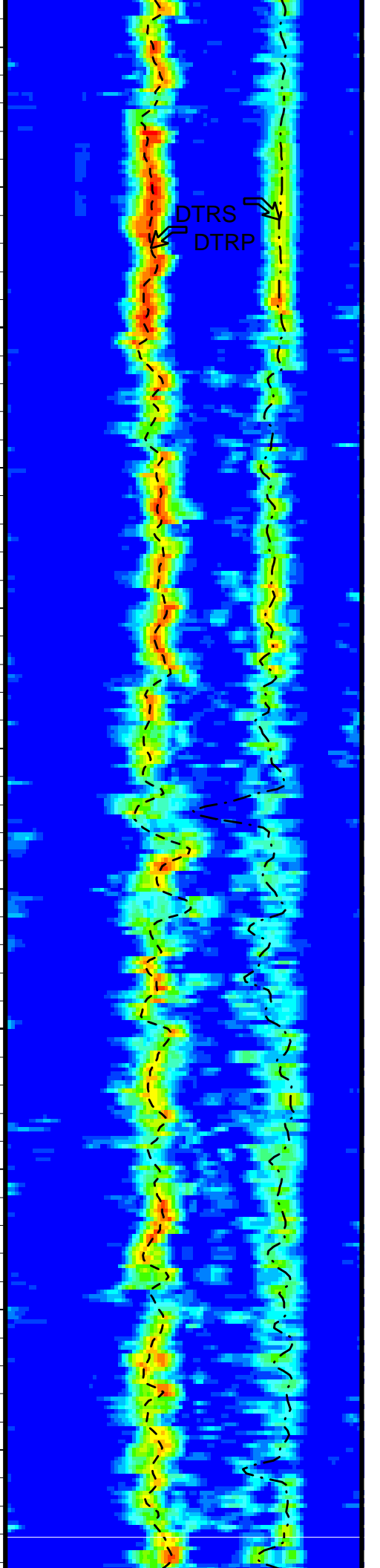
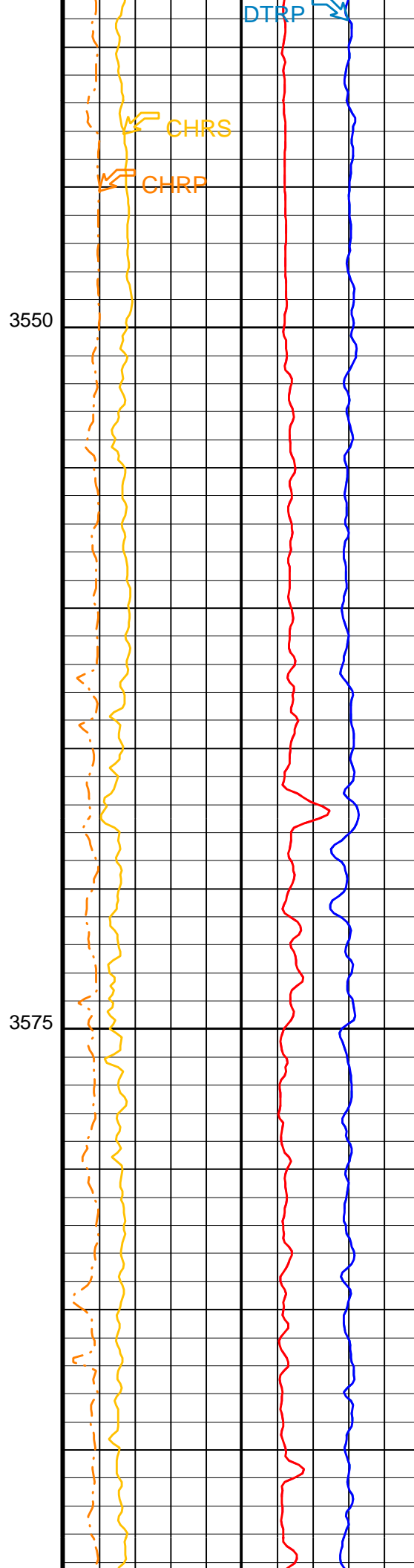
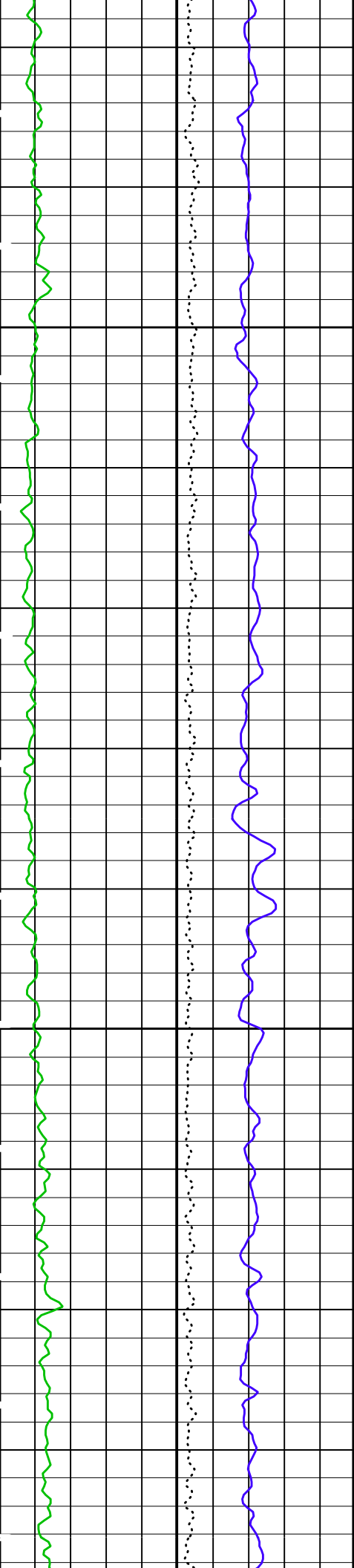


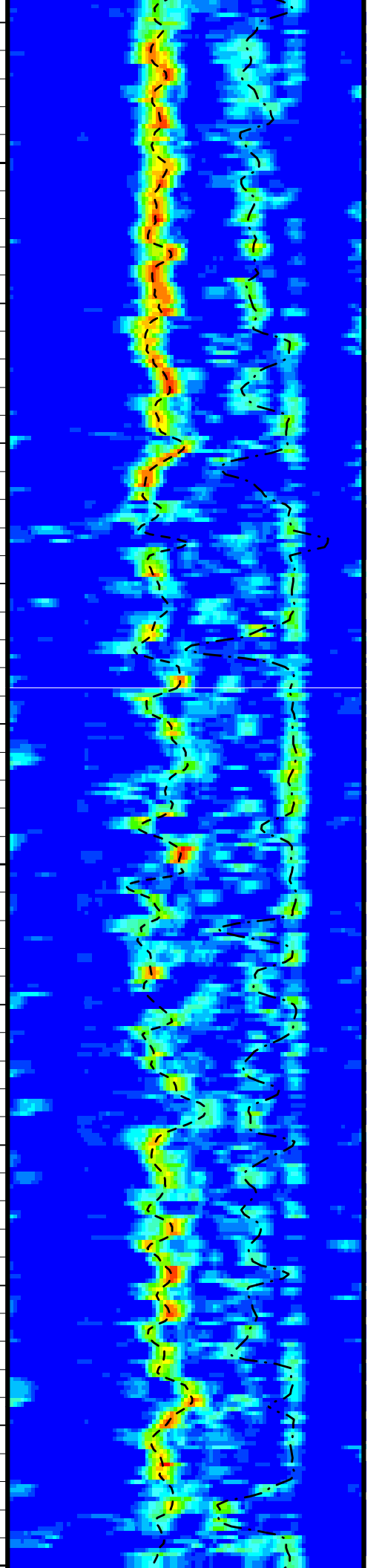
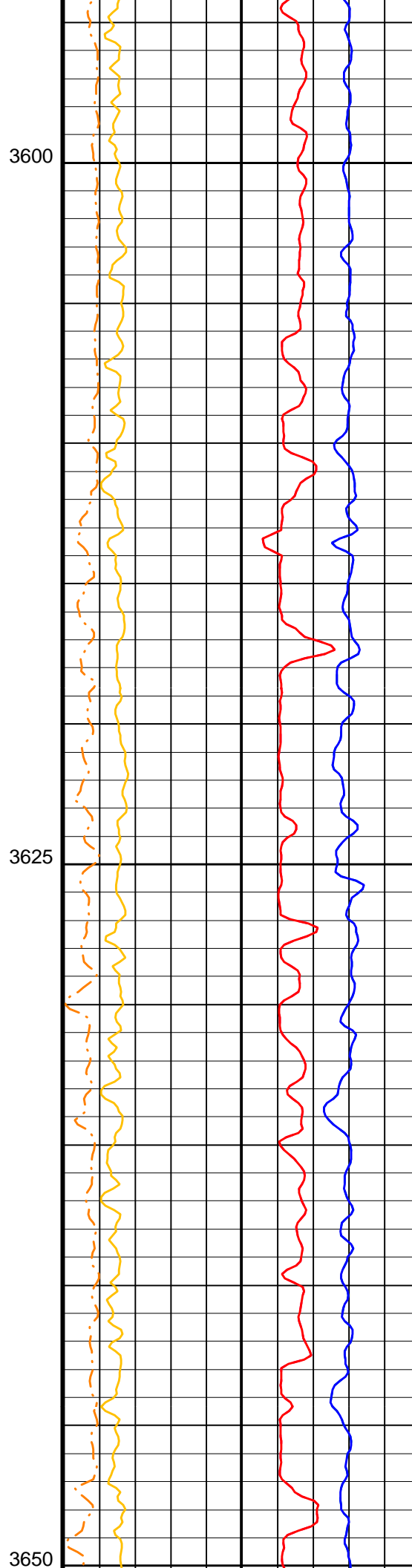
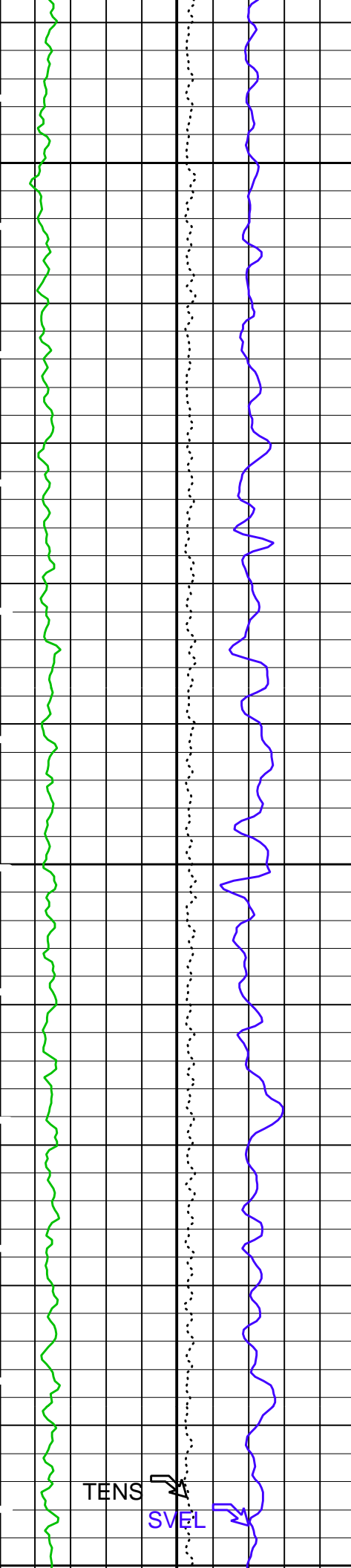


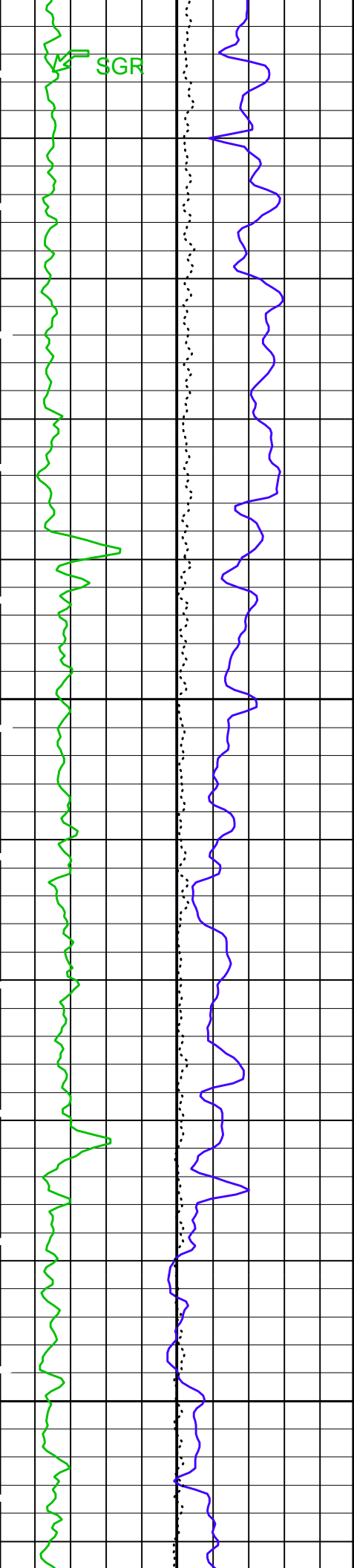
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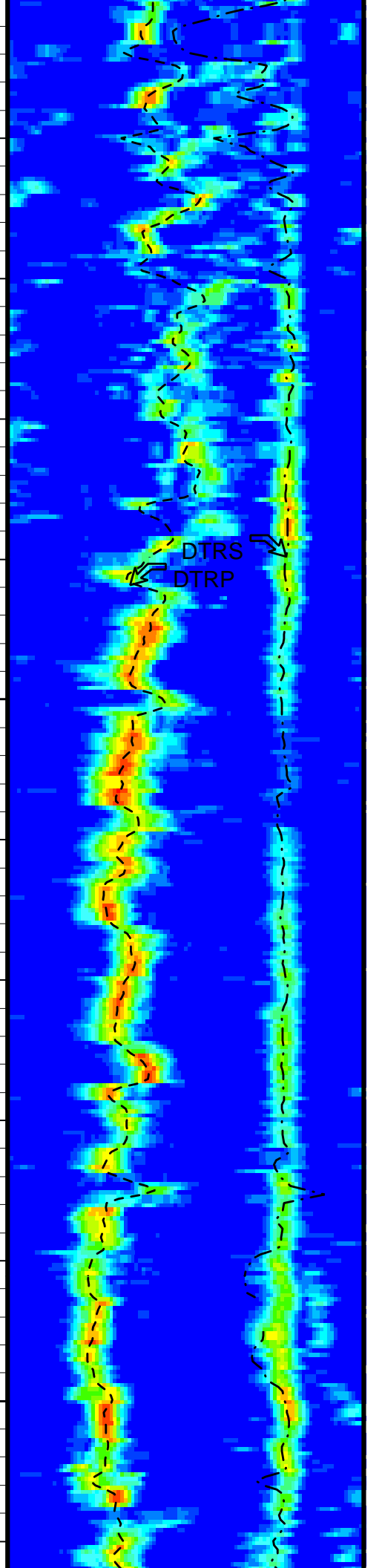
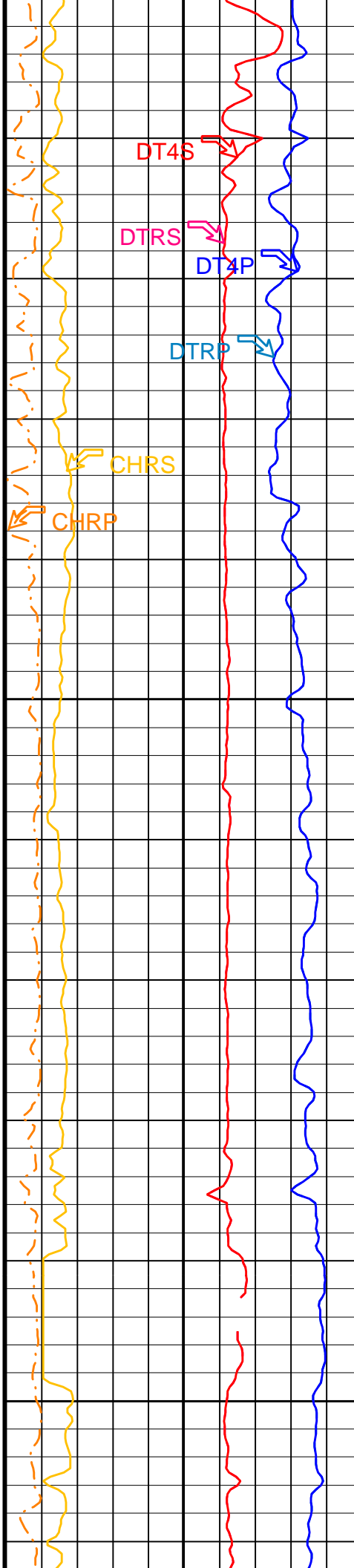


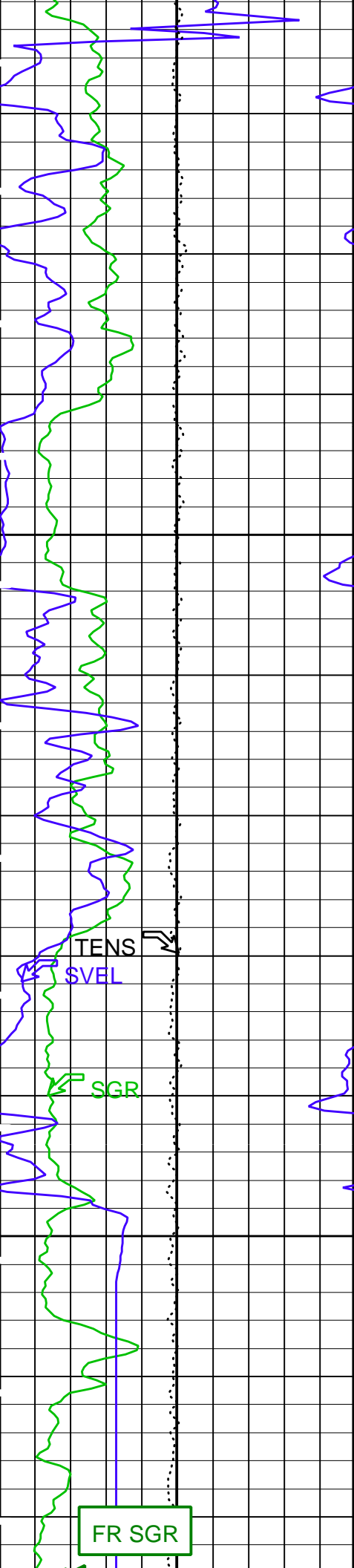




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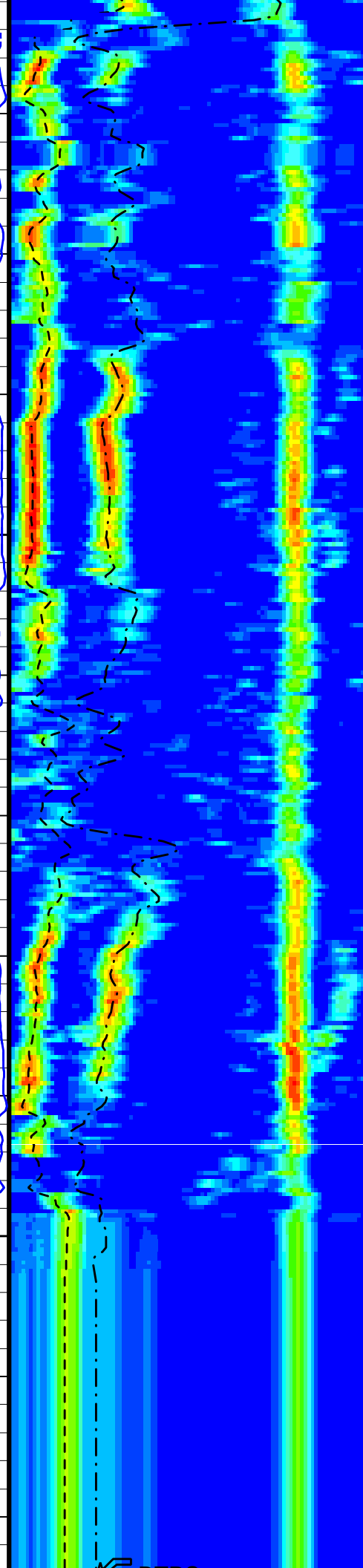
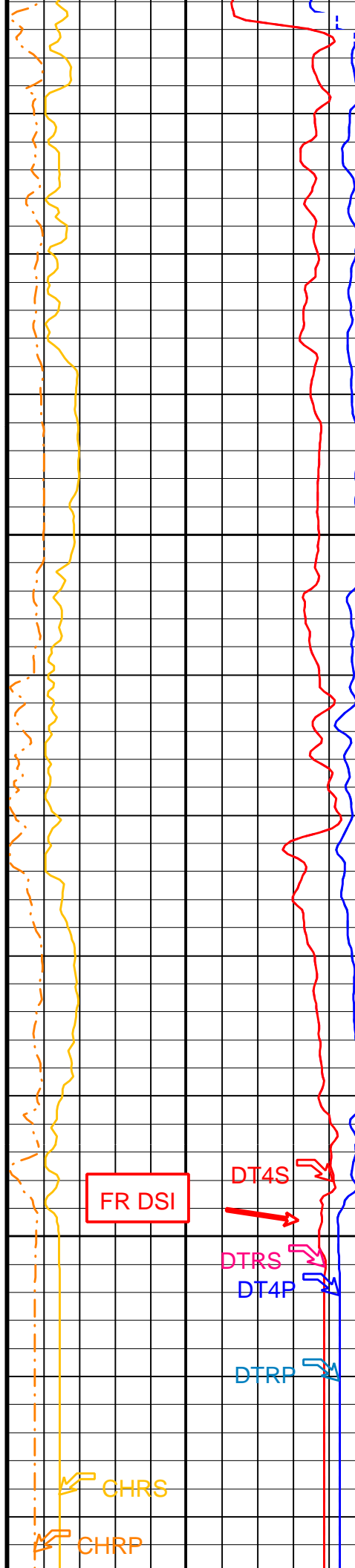
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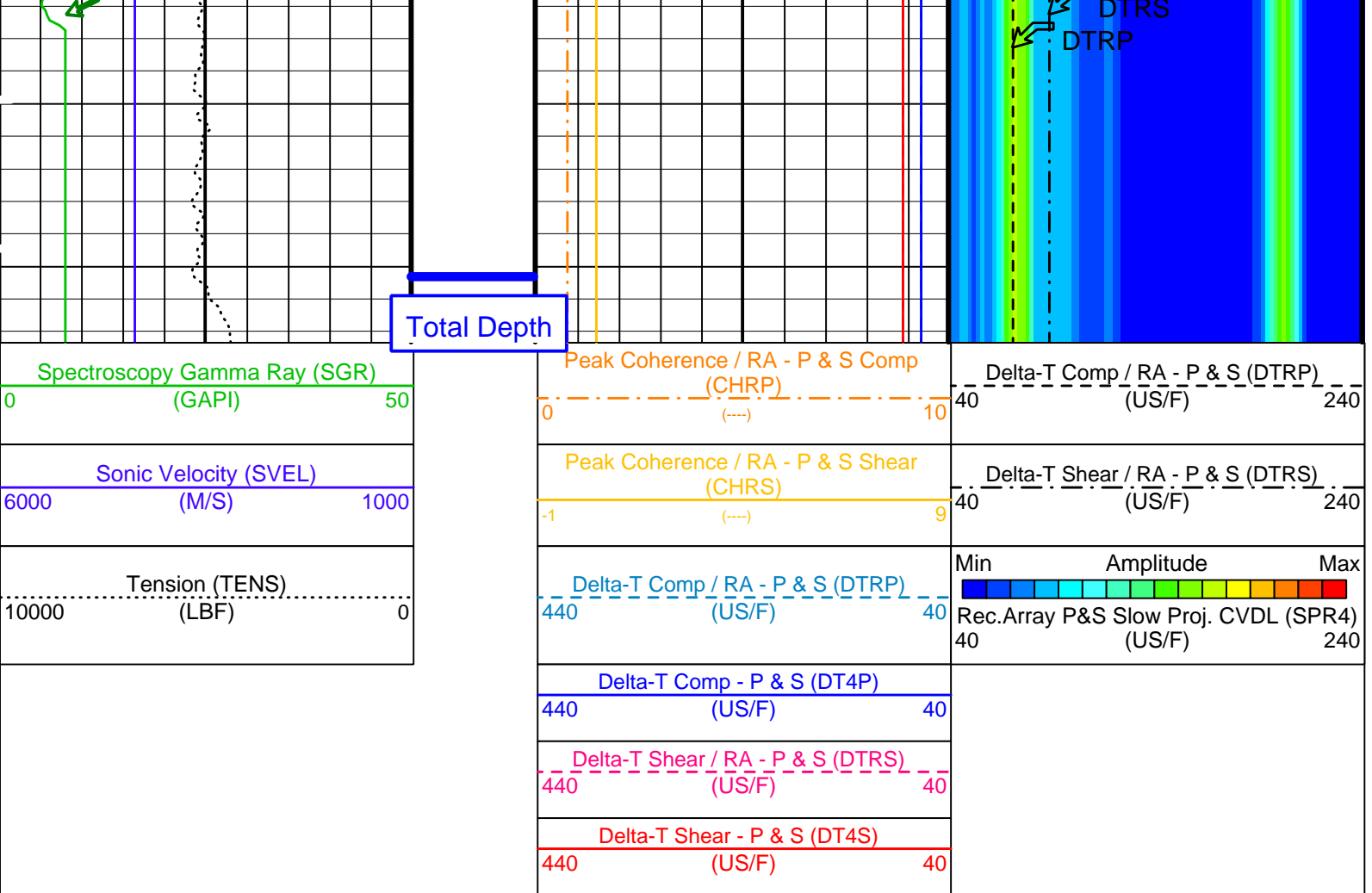




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PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
BHS	Borehole Status	OPEN	
BS	Bit Size	9.875	IN
CASF	Label Casing Function - Monopole P&S	50	
CBAR	Constant Barite	1	
CGMI	Spectro Computed Gamma Ray Minimum	0	GAPI
CGSH	Spectro Computed Gamma Ray Shale	100	GAPI
COLL	Label Slowness Lower Limit - Monopole P&S Compressional	45	US/F
COUL	Label Slowness Upper Limit - Monopole P&S Compressional	80	US/F
DDE4	Digitizing Delay 4	0	US
DDEX	Digitizing Delay X	0	US
DFD	Drilling Fluid Density	1.02	G/C3
DO	Depth Offset for Logical Unit 1	0.0	M
DSI4	Digitizer Sample Interval 4	10	US
DSIX	Digitizer Sample Interval X	40	US
DTF	Delta-T Fluid	189	US/F
DWC4	Digitizer Word Count 4	512	
DWCX	Digitizer Word Count X	512	
FILG	Label Fill Gap Control - Monopole P&S	COMP_SHEAR	
KMIN	Potassium Minimum	0	
KSHA	Potassium Shale	0.02	
LFC	Label Formation Character - Monopole P&S	DYNAMIC	
MCS	Mean Casing Slowness	57	US/F
MTXG	Monopole Transmitter Geometry	186	IN
NFO	NGT Filtering Option	KALMAN	
PMUD	Potassium Mud	0	%
PP	Playback Processing	RECOMPUTE	
RSMN	Label Shear/Compressional Minimum Ratio - Monopole P&S	1.1	
RSMX	Label Shear/Compressional Maximum Ratio - Monopole P&S	2.12	
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
SAM4	DSST Sonic Acquisition Mode 4 - High Frequency Monopole Mode for P&S	EVEN	
SAMX	DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert	OFF	
SAS4	STC Sonic Array Status - Monopole P&S	255	
SBO4	STC Search Band Offset - Monopole P&S	500	US
SBR4	STC Baseline Removal - Monopole P&S	ON	
SBW4	STC Search Bandwidth - Monopole P&S	2000	US
SFC4	STC Formation Character - Monopole P&S	SELECTABLE	
SFM4	STC Filter - Monopole P&S	B3-20K	
SGMI	Spectro Gamma Ray Minimum	0	GAPI
SGSH	Spectro Gamma Ray Shale	100	GAPI
SHLL	Label Slowness Lower Limit - Monopole P&S Shear	60	US/F
SHUL	Label Slowness Upper Limit - Monopole P&S Shear	150	US/F
SLL4	STC Slowness Lower Limit - Monopole P&S	40	US/F
SST4	STC Slowness Step - Monopole P&S	2	US/F
SSW4	STC Source Waveform - Monopole P&S	WF_SAM4	
STLL	Label Slowness Lower Limit - Monopole Stoneley	180	US/F
STUL	Label Slowness Upper Limit - Monopole Stoneley	780	US/F
SUL4	STC Slowness Upper Limit - Monopole P&S	240	US/F
SWD4	STC Slowness Width - Monopole P&S	10	US/F
TBF4	STC Time for Baseline Fill - Monopole P&S	300	US
TLL4	STC Time Lower Limit - Monopole P&S	150	US
TMIN	Thorium Minimum	0	PPM
TSHA	Thorium Shale	12	PPM
TST4	STC Time Step - Monopole P&S	50	US
TUL4	STC Time Upper Limit - Monopole P&S	3660	US
TWD4	STC Time Width - Monopole P&S	1000	US
TWI4	STC Integration Time Window - Monopole P&S	500	US
TWSX	Transmitter Waveform Select X	0	
UMIN	Uranium Minimum	0	PPM
USHA	Uranium Shale	3	PPM

Format: DSST_P_S_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 29-Oct-2000 16:07

OP System Version: 9C1-303			
MCM			
MEST-B	OP91-kp2	NGT-C	OP91-kp2
DTA-A	OP91-kp2	DSST-B	OP91-kp2
DTC-H	OP91-kp2		

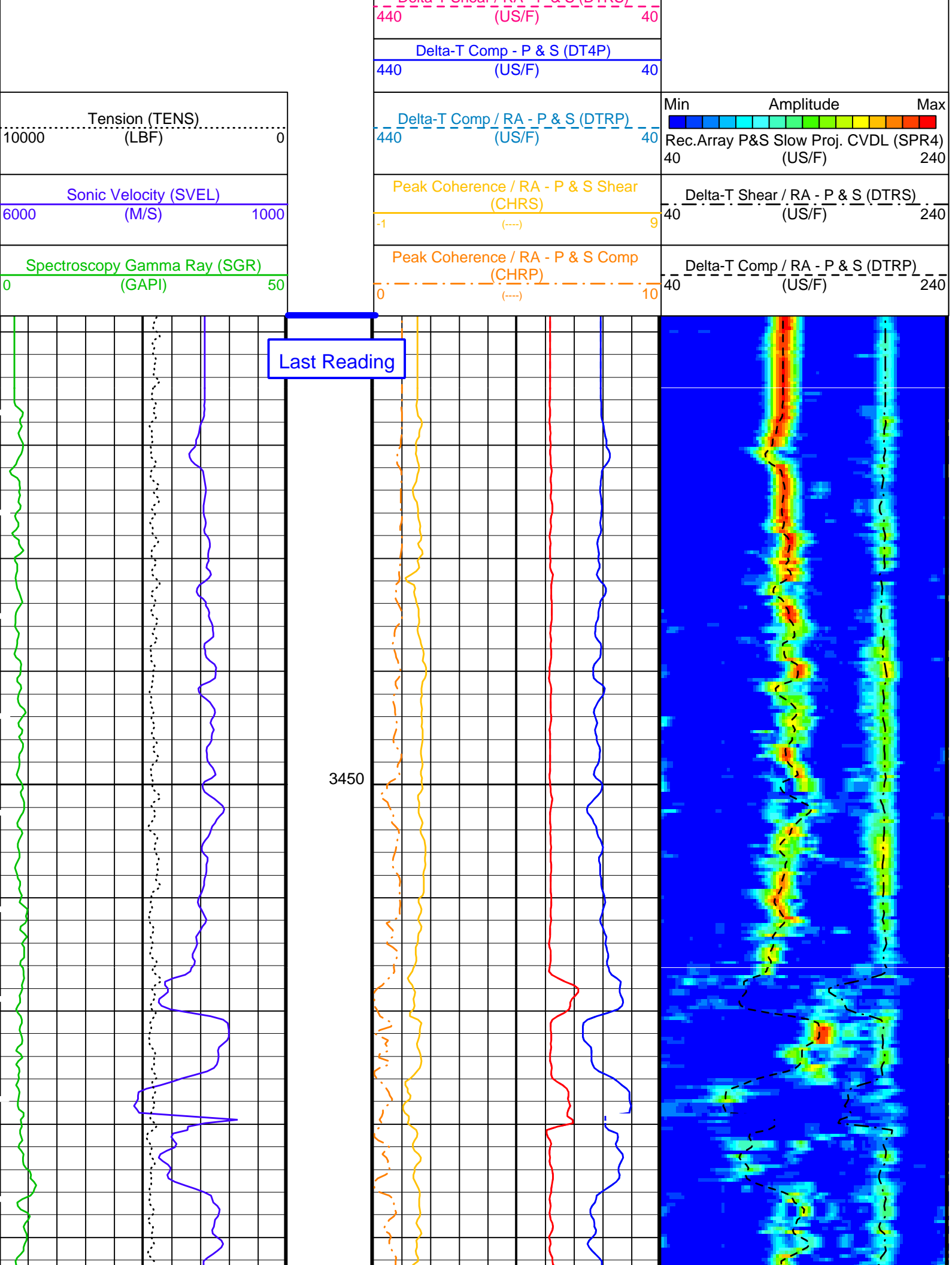
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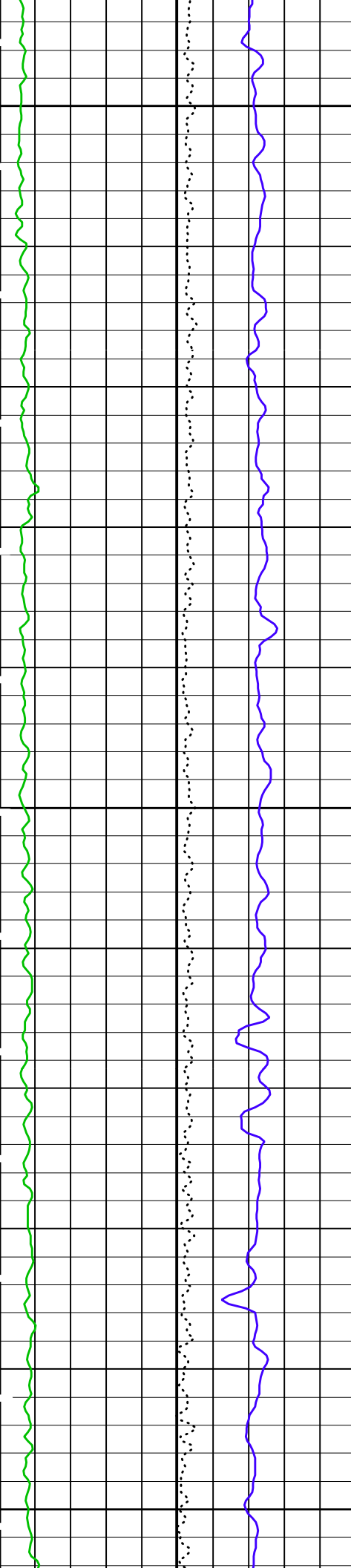
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Output DLIS Files						
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FMS_CUST	MESTB .034	FN:34	PRODUCER	29-Oct-2000 20:17	3772.1 M	3429.3 M

OP System Version: 9C1-303			
MCM			
MEST-B	OP91-kp2	NGT-C	OP91-kp2
DTA-A	OP91-kp2	DSST-B	OP91-kp2
DTC-H	OP91-kp2		

PIP SUMMARY Pass #1

Time Mark Every 60 S		
Delta-T Shear - P & S (DT4S)		
440	(US/F)	40
Delta-T Shear / RA - P & S (DTRS)		

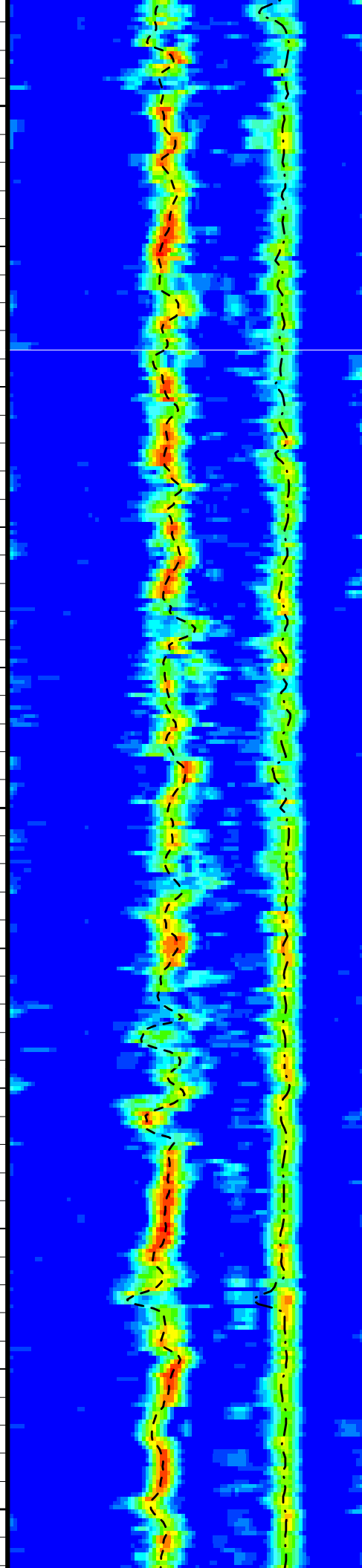
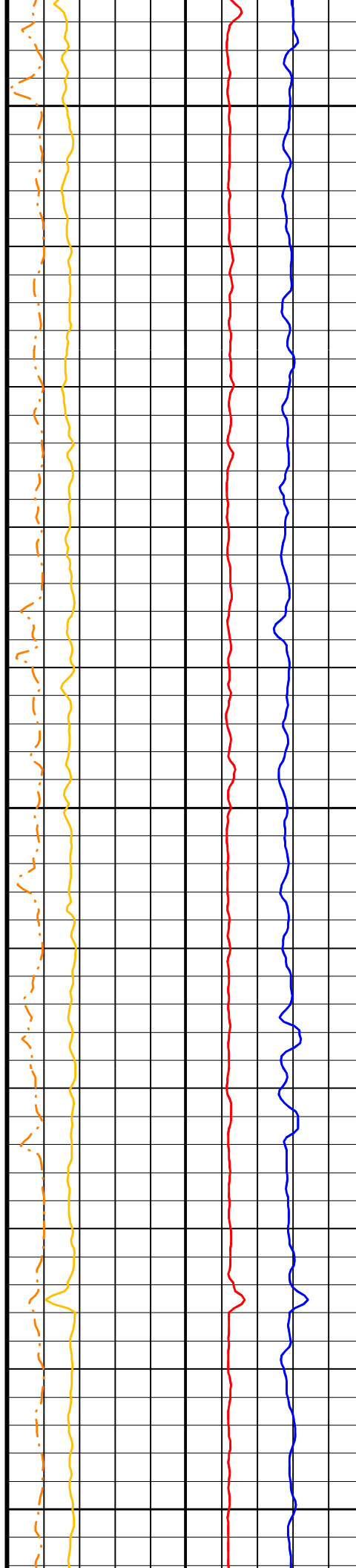


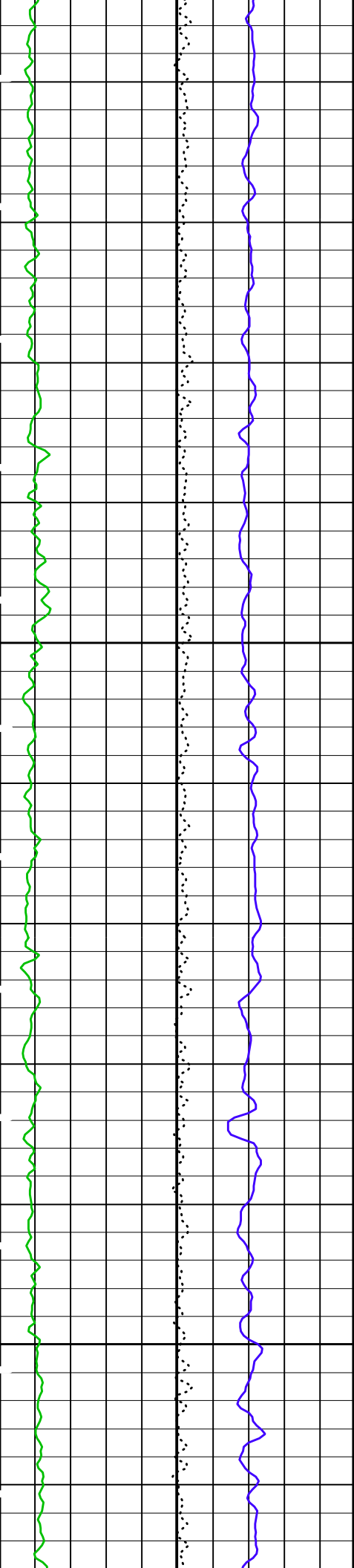


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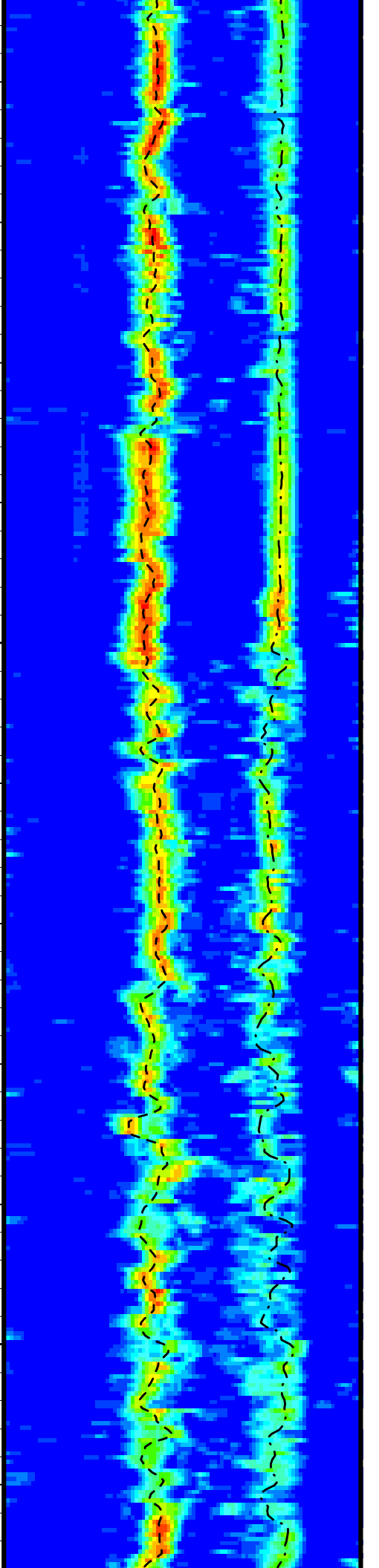
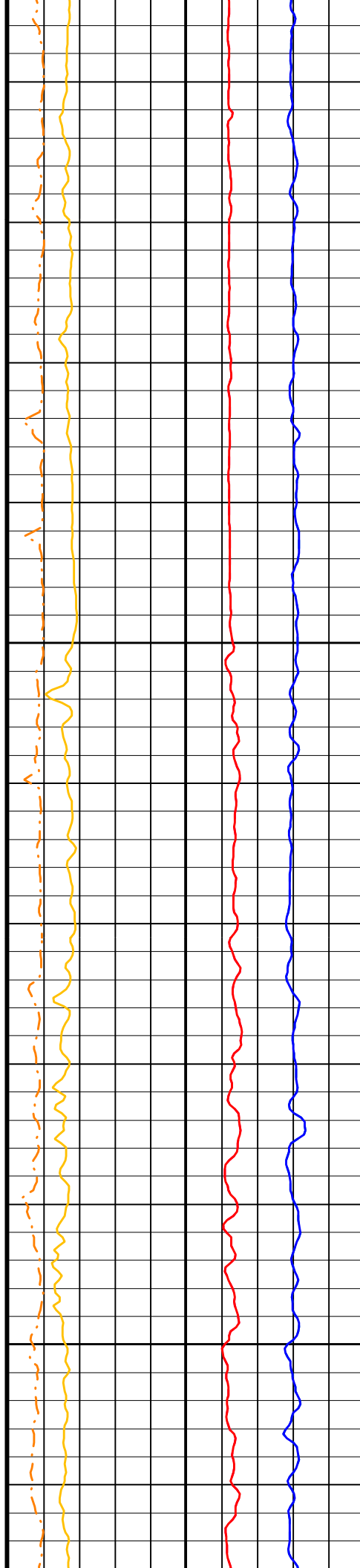
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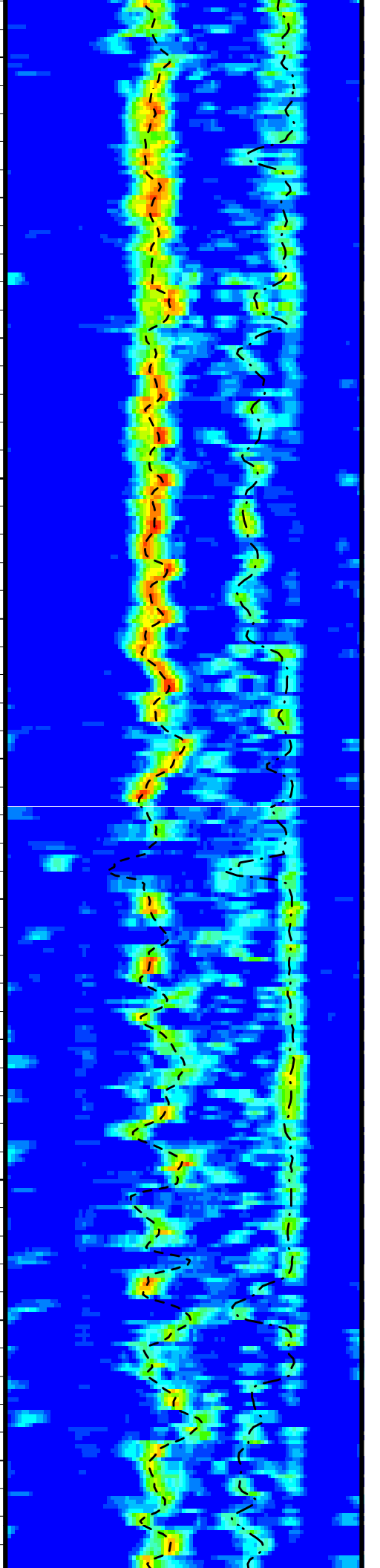
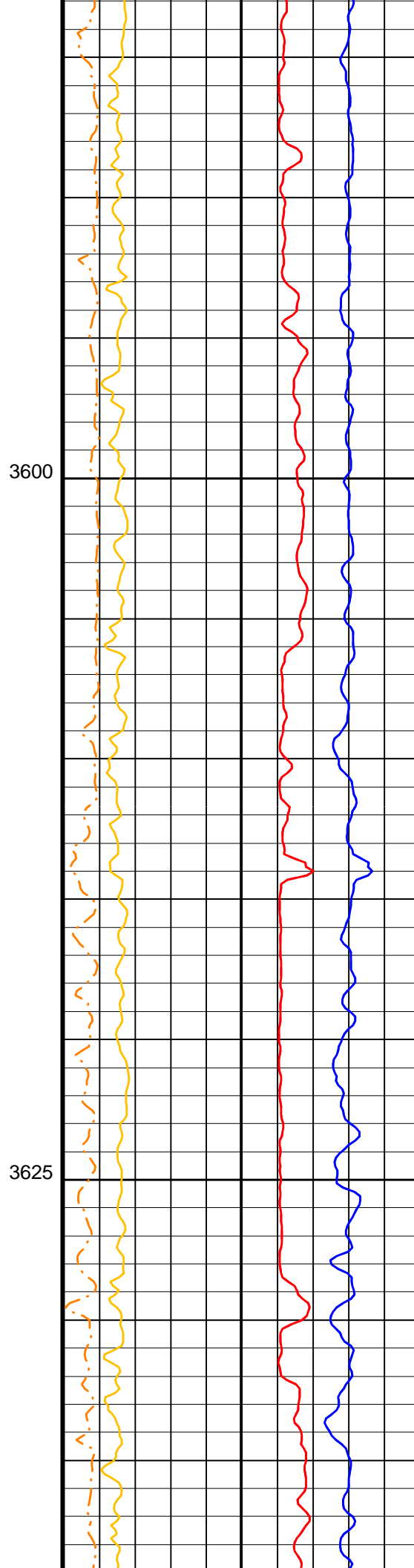
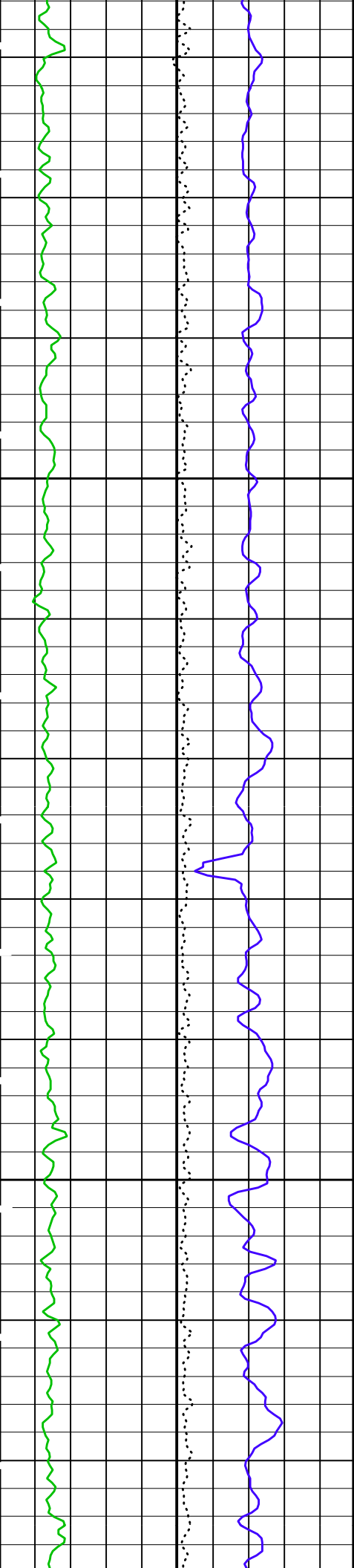


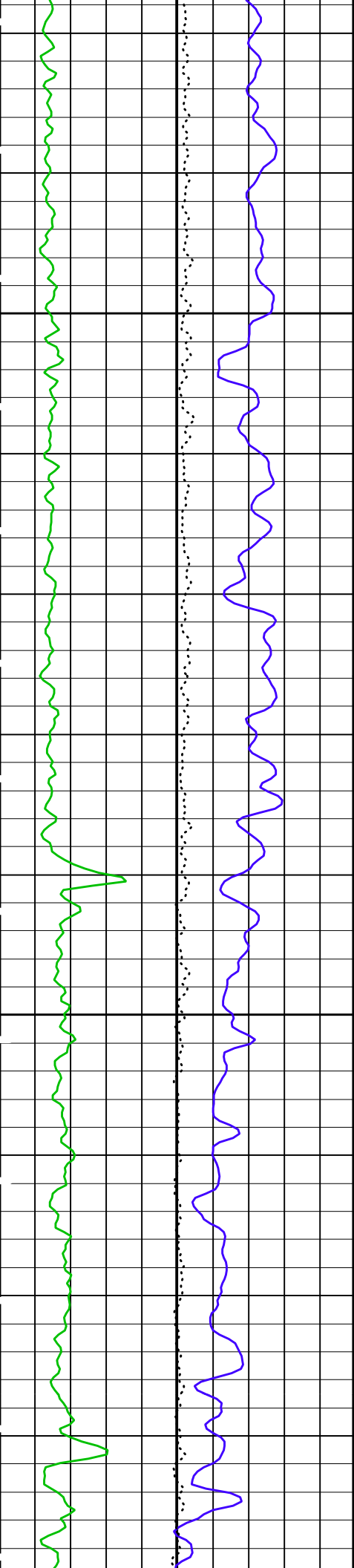


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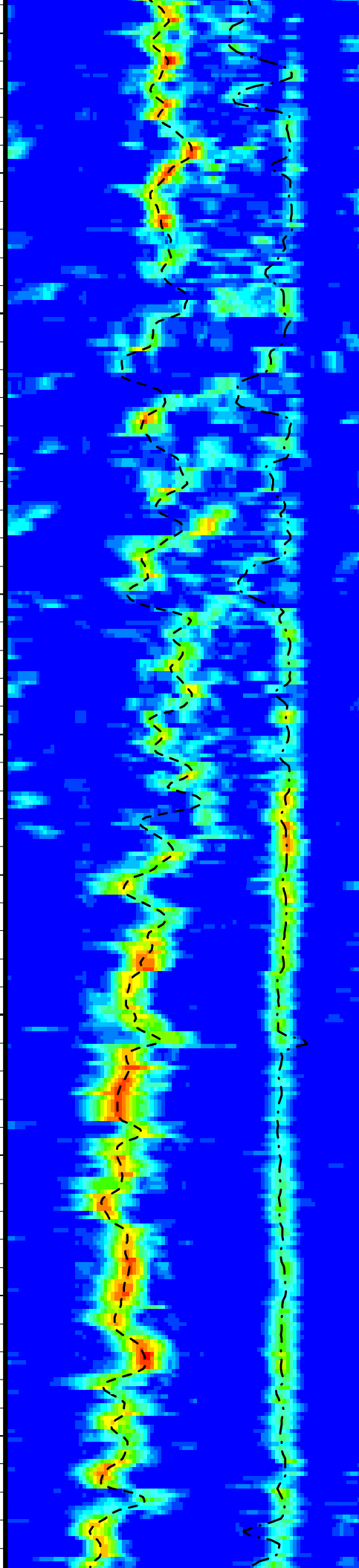
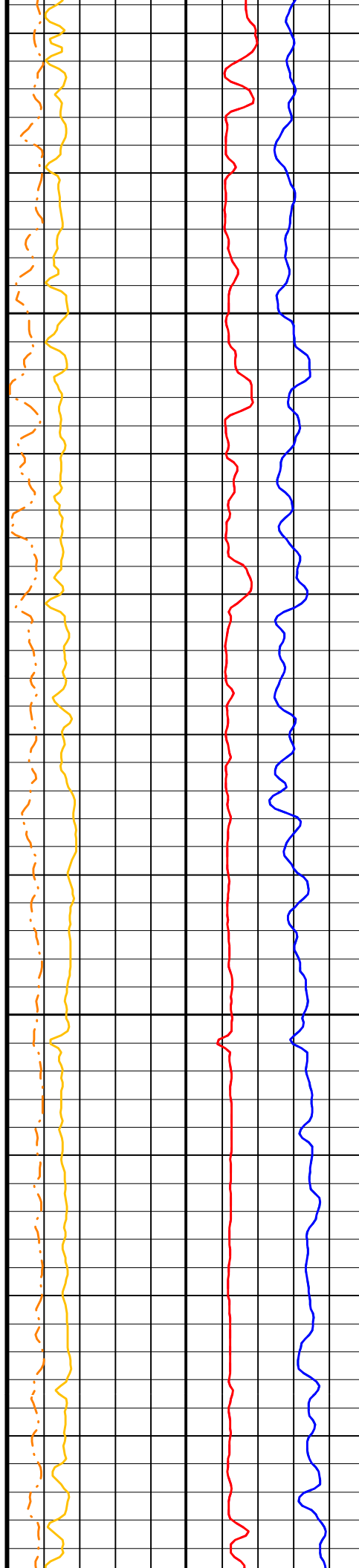


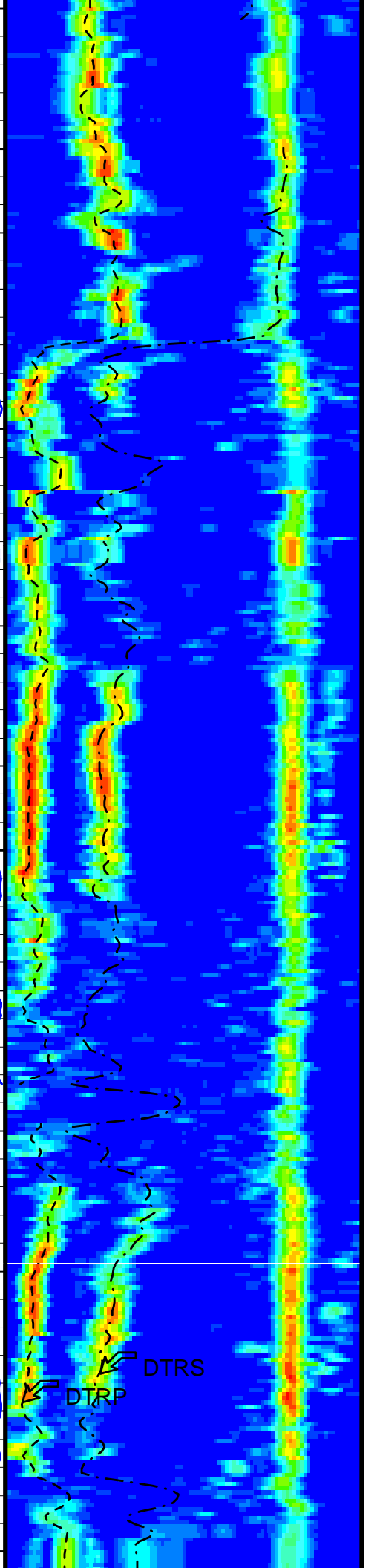
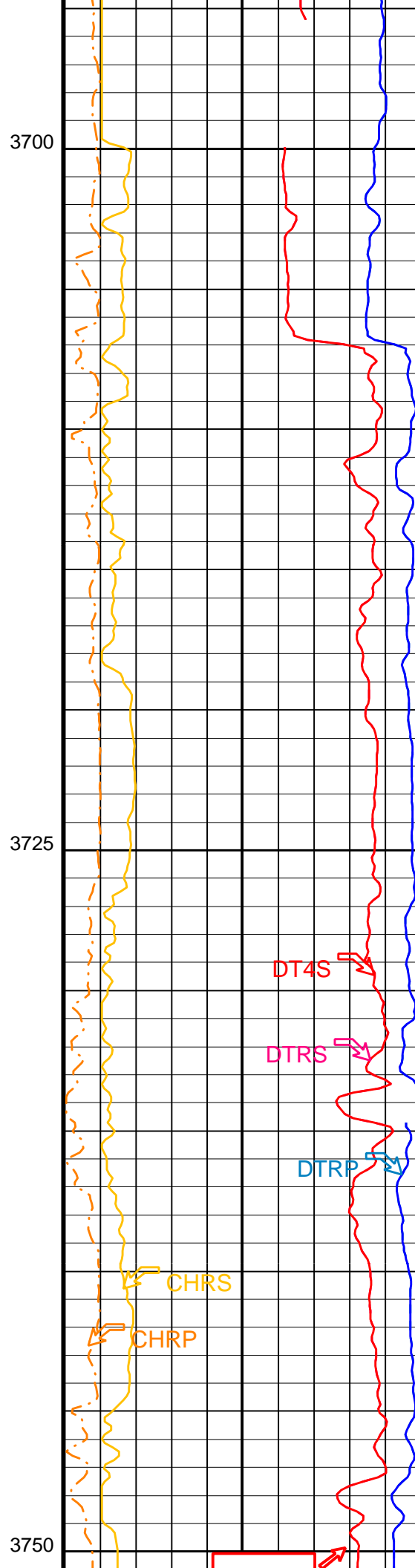
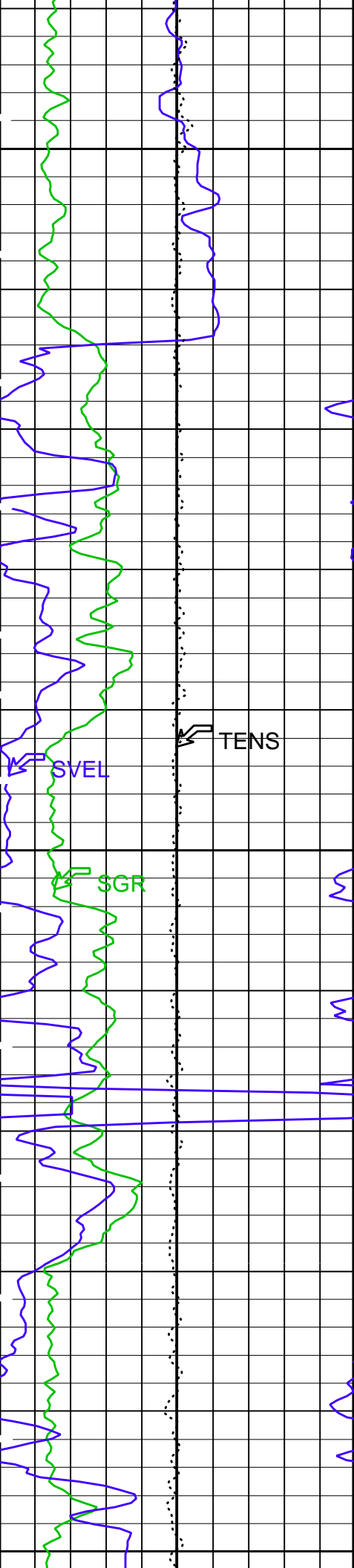


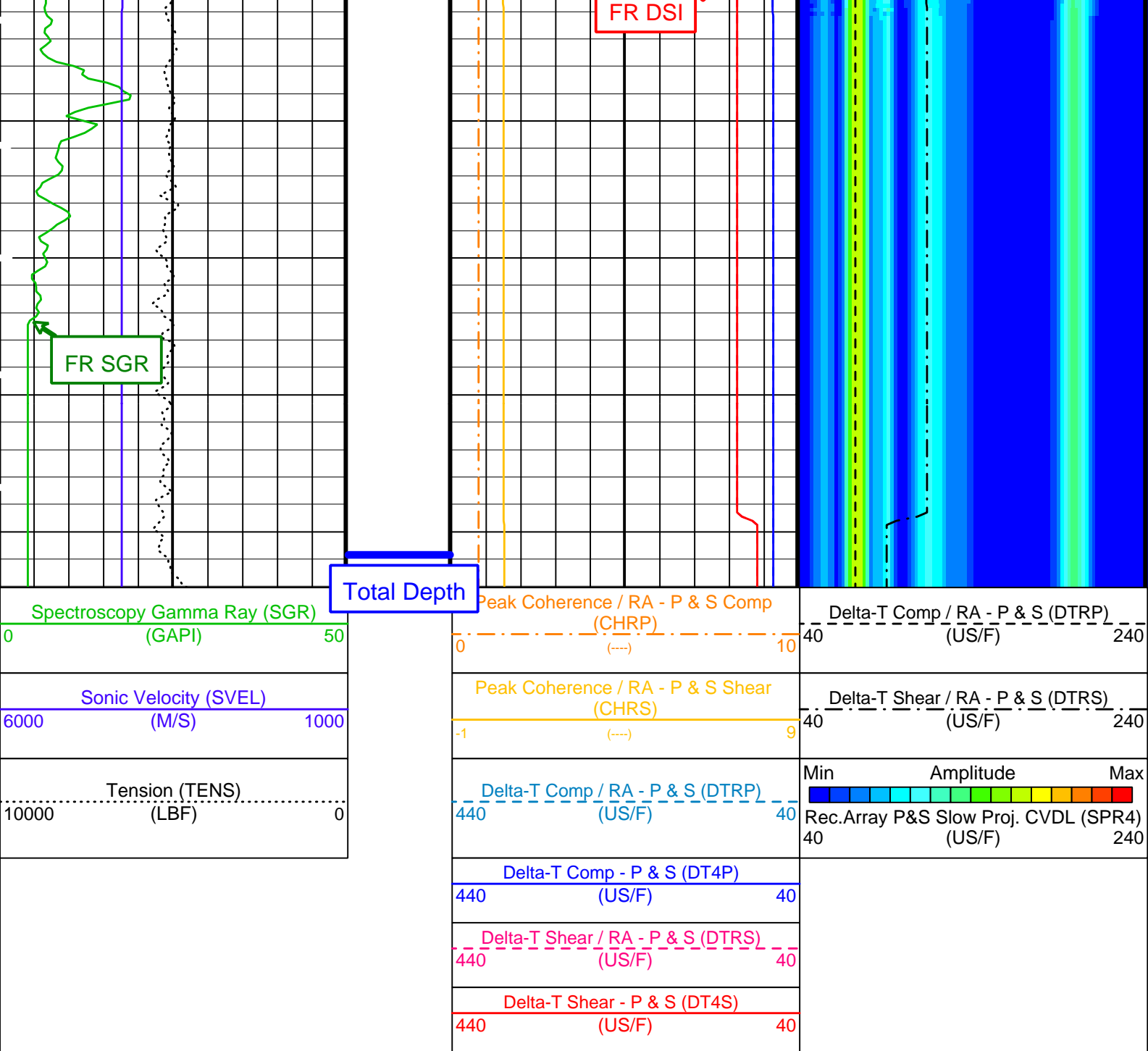


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Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
BHS	Borehole Status	OPEN	
BS	Bit Size	9.875	IN
CASF	Label Casing Function - Monopole P&S	50	
CBAR	Constant Barite	1	
CGMI	Spectro Computed Gamma Ray Minimum	0	GAPI
CGSH	Spectro Computed Gamma Ray Shale	100	GAPI
COLL	Label Slowness Lower Limit - Monopole P&S Compressional	45	US/F
COUL	Label Slowness Upper Limit - Monopole P&S Compressional	80	US/F
DDE4	Digitizing Delay 4	0	US
DDEX	Digitizing Delay X	0	US
DFD	Drilling Fluid Density	1.02	G/C3
DO	Depth Offset for Logical Unit 1	0.0	M
DSI4	Digitizer Sample Interval 4	10	US
DSIX	Digitizer Sample Interval X	40	US
DTF	Delta-T Fluid	189	US/F
DWC4	Digitizer Word Count 4	512	
DWCX	Digitizer Word Count X	512	
ELLG	Label Fill Gap Control - Monopole P&S	COMP. SHEAR	

FILE	Label Fill Sup Control - Monopole P&S	COMPR_SHEAR	0	
KMIN	Potassium Minimum		0.02	
KSHA	Potassium Shale			
LFC	Label Formation Character - Monopole P&S	DYNAMIC		
MCS	Mean Casing Slowness		57	US/F
MTXG	Monopole Transmitter Geometry		186	IN
NFO	NGT Filtering Option	KALMAN		
PMUD	Potassium Mud		0	%
PP	Playback Processing	RECOMPUTE		
RSMN	Label Shear/Compressional Minimum Ratio - Monopole P&S		1.1	
RSMX	Label Shear/Compressional Maximum Ratio - Monopole P&S		2.12	
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
SAM4	DSST Sonic Acquisition Mode 4 - High Frequency Monopole Mode for P&S			
		ODD		
SAMX	DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert			
		OFF		
SAS4	STC Sonic Array Status - Monopole P&S		255	
SBO4	STC Search Band Offset - Monopole P&S		500	US
SBR4	STC Baseline Removal - Monopole P&S		ON	
SBW4	STC Search Bandwidth - Monopole P&S		2000	US
SFC4	STC Formation Character - Monopole P&S	SELECTABLE		
SFM4	STC Filter - Monopole P&S	B3-20K		
SGMI	Spectro Gamma Ray Minimum		0	GAPI
SGSH	Spectro Gamma Ray Shale		100	GAPI
SHLL	Label Slowness Lower Limit - Monopole P&S Shear		60	US/F
SHUL	Label Slowness Upper Limit - Monopole P&S Shear		150	US/F
SLL4	STC Slowness Lower Limit - Monopole P&S		40	US/F
SST4	STC Slowness Step - Monopole P&S		2	US/F
SSW4	STC Source Waveform - Monopole P&S	WF_SAM4		
STLL	Label Slowness Lower Limit - Monopole Stoneley		180	US/F
STUL	Label Slowness Upper Limit - Monopole Stoneley		780	US/F
SUL4	STC Slowness Upper Limit - Monopole P&S		240	US/F
SWD4	STC Slowness Width - Monopole P&S		10	US/F
TBF4	STC Time for Baseline Fill - Monopole P&S		300	US
TLL4	STC Time Lower Limit - Monopole P&S		150	US
TMIN	Thorium Minimum		0	PPM
TSHA	Thorium Shale		12	PPM
TST4	STC Time Step - Monopole P&S		50	US
TUL4	STC Time Upper Limit - Monopole P&S		3660	US
TWD4	STC Time Width - Monopole P&S		1000	US
TWI4	STC Integration Time Window - Monopole P&S		500	US
TWSX	Transmitter Waveform Select X		0	
UMIN	Uranium Minimum		0	PPM
USHA	Uranium Shale		3	PPM

Format: DSST_P_S_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 29-Oct-2000 20:17

OP System Version: 9C1-303				
MCM				
MEST-B	OP91-kp2	NGT-C	OP91-kp2	
DTA-A	OP91-kp2	DSST-B	OP91-kp2	
DTC-H	OP91-kp2			

Input DLIS Files						
DEFAULT	MESTB .025	FN:20	PRODUCER	28-Oct-2000 07:16	3772.1 M	3429.3 M
Output DLIS Files						
DEFAULT	MESTB .034	FN:33	PRODUCER	29-Oct-2000 20:17		
FMS_CUST	MESTB .034	FN:34	PRODUCER	29-Oct-2000 20:17		

Input DLIS Files						
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Output DLIS Files						
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FMS_CUST	MESTB .034	FN:34	PRODUCER	29-Oct-2000 20:17	3772.1 M	3429.3 M

OP System Version: 9C1-303
MCM

MEST-B
DTA-A
DTC-H

OP91-kp2
OP91-kp2
OP91-kp2

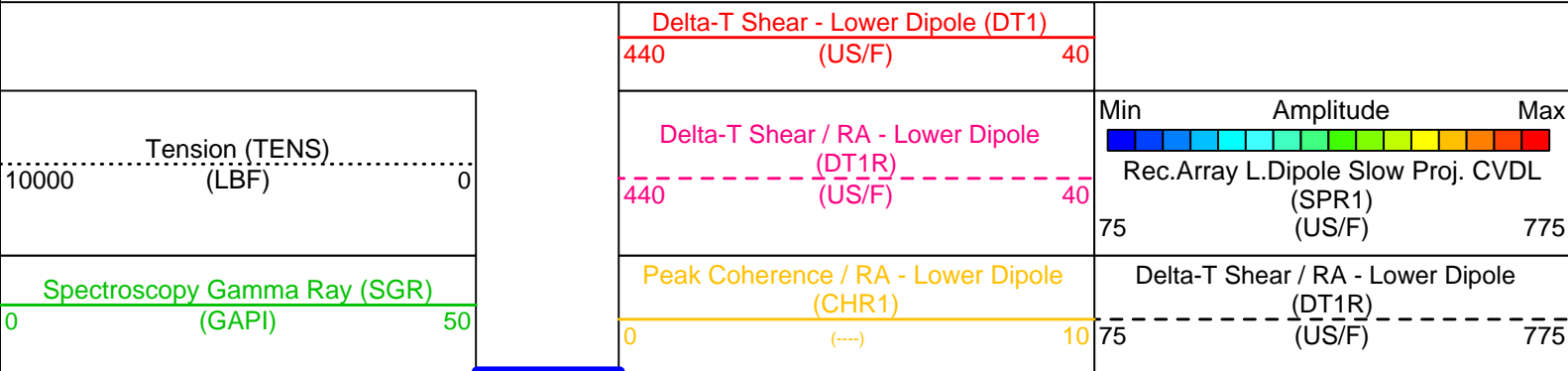
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DSST-B

OP91-kp2
OP91-kp2

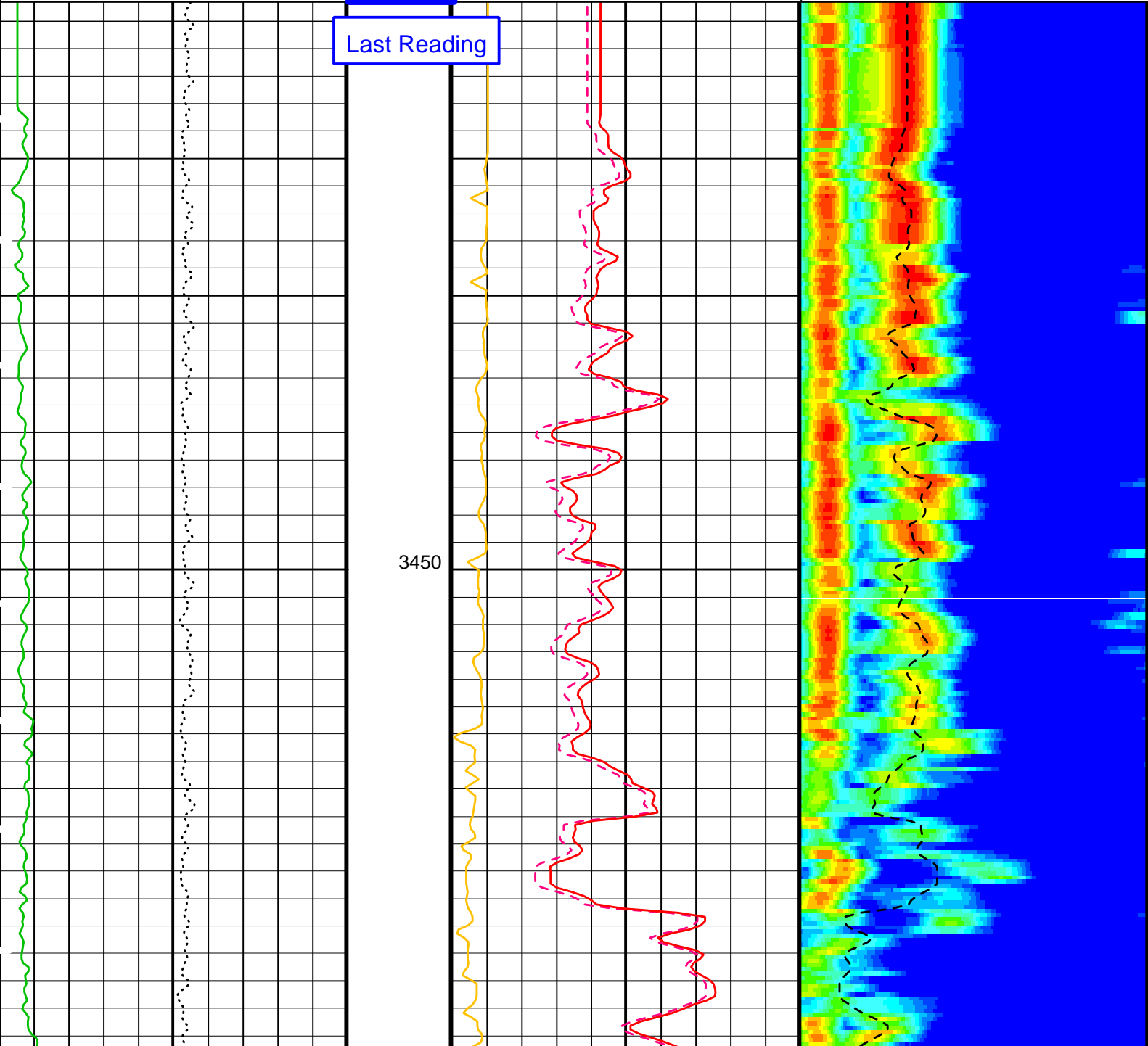
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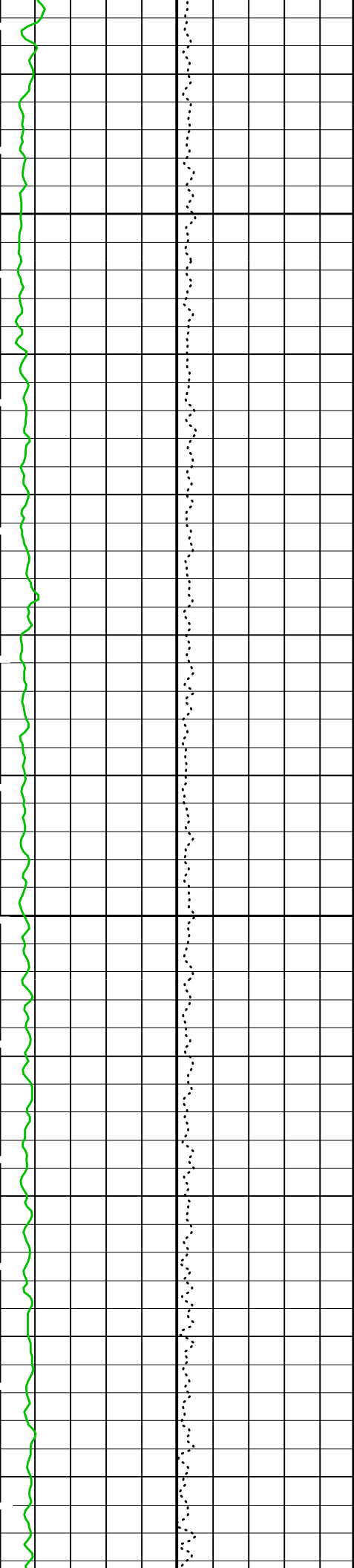
Pass #1

Time Mark Every 60 S



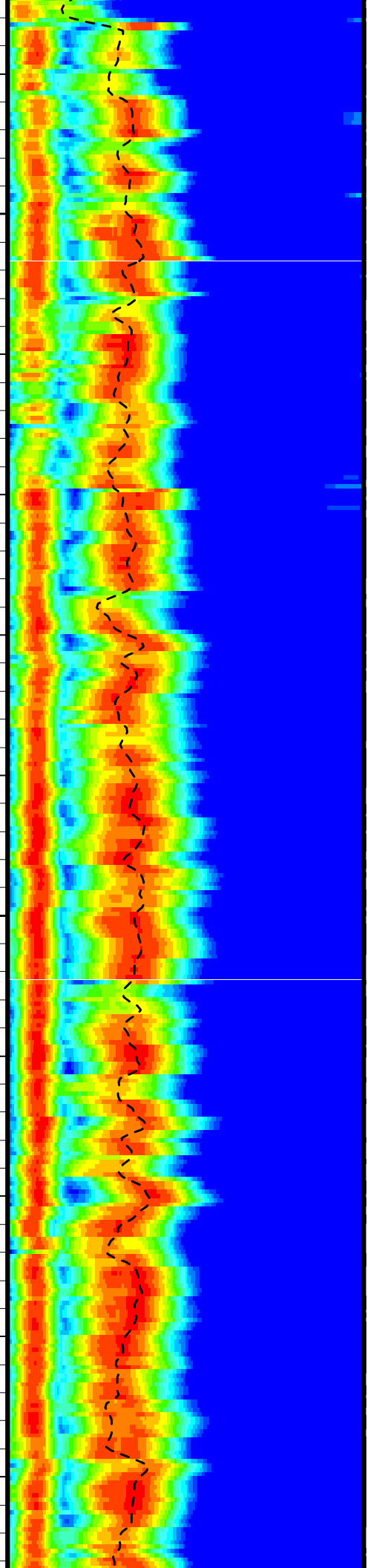
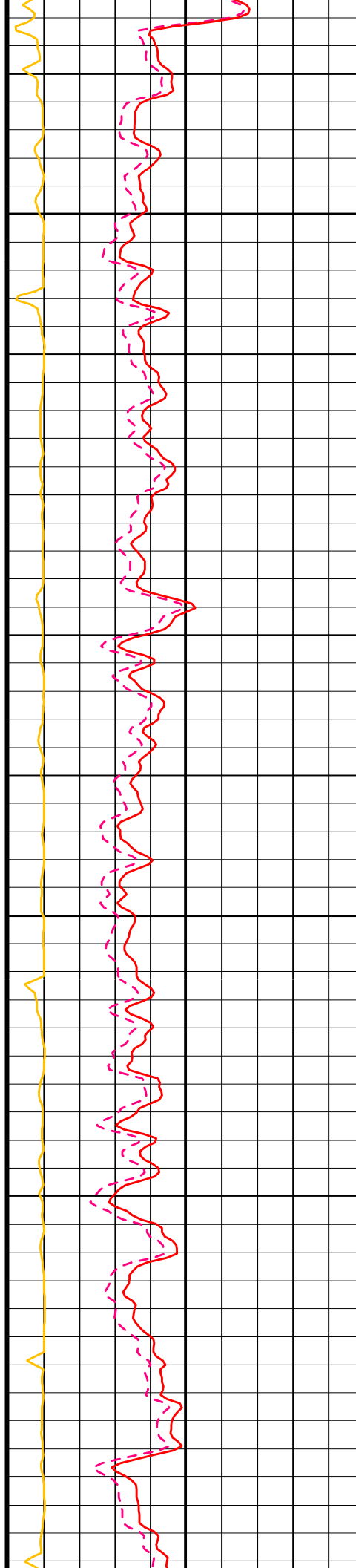
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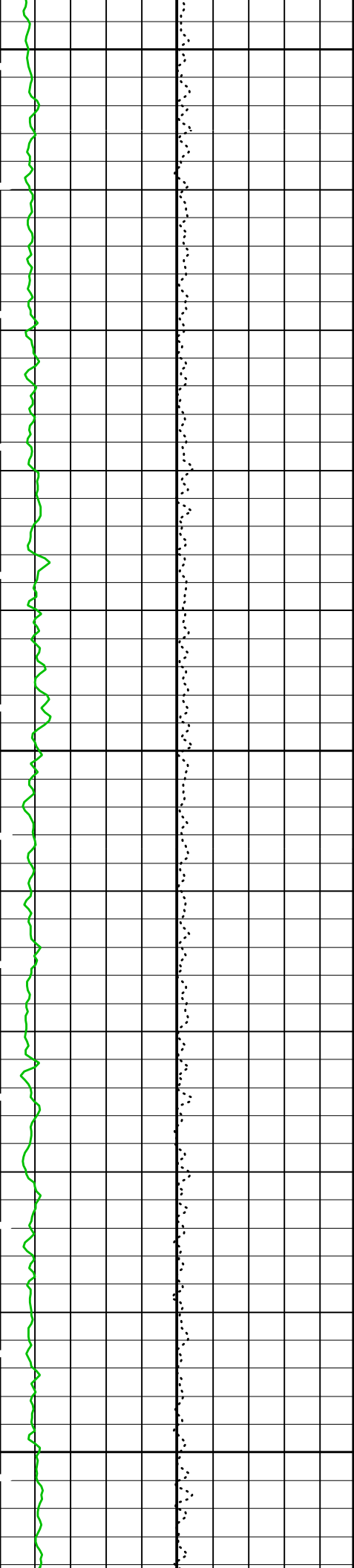




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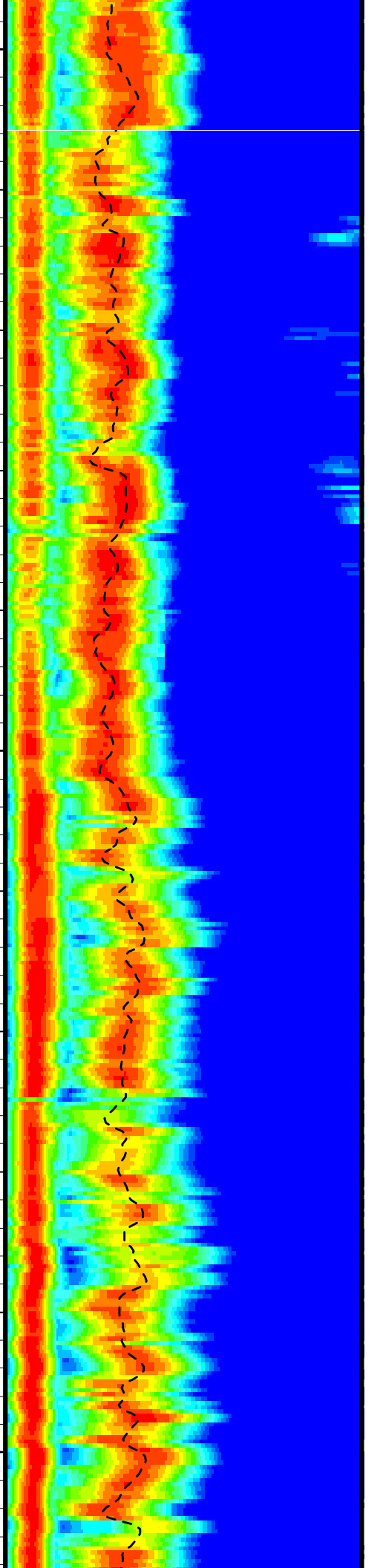
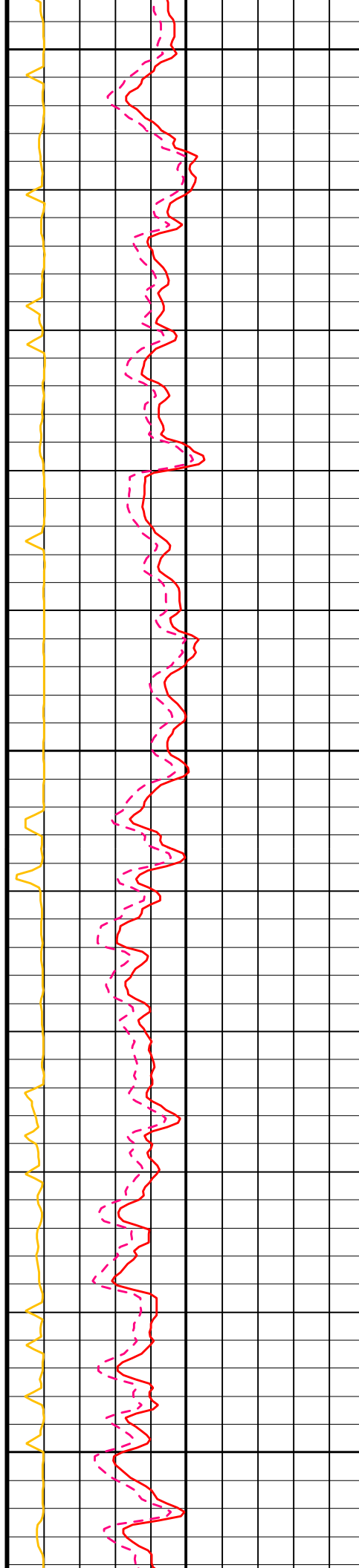


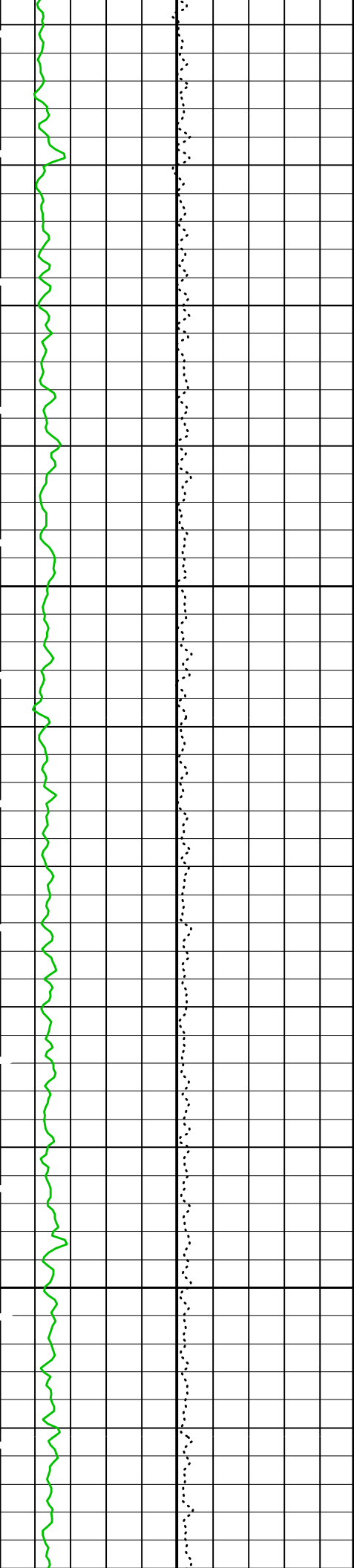


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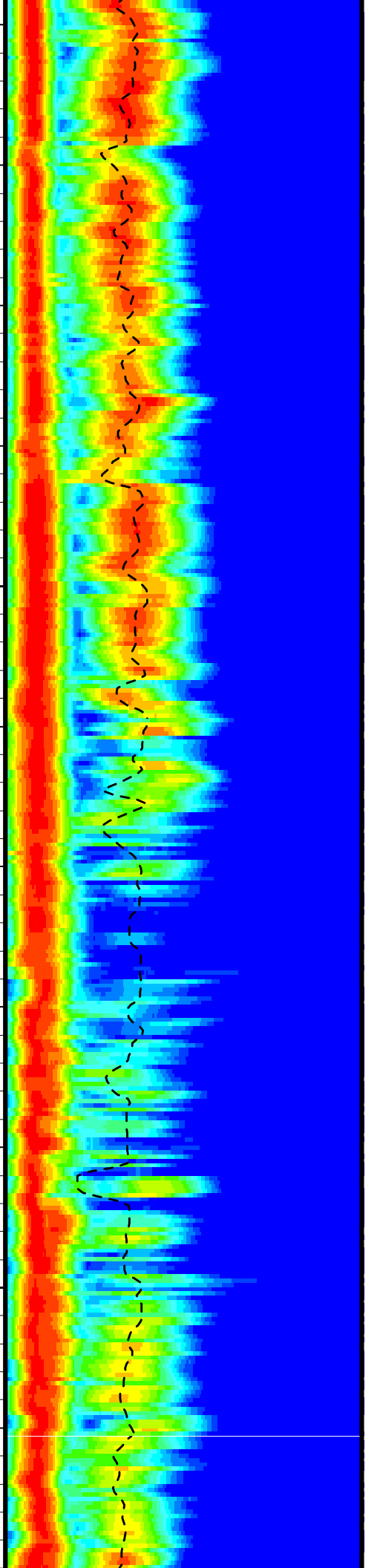
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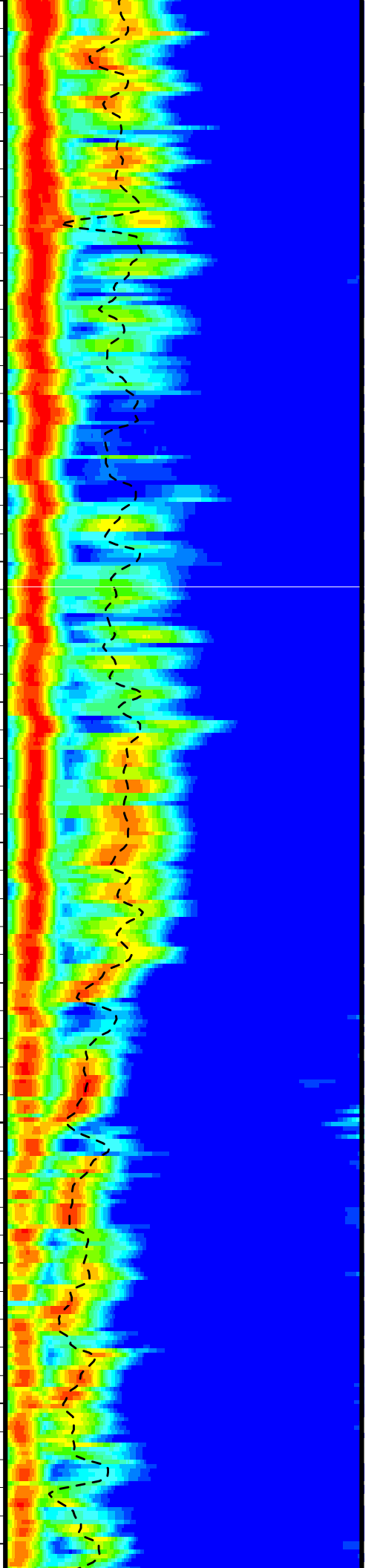
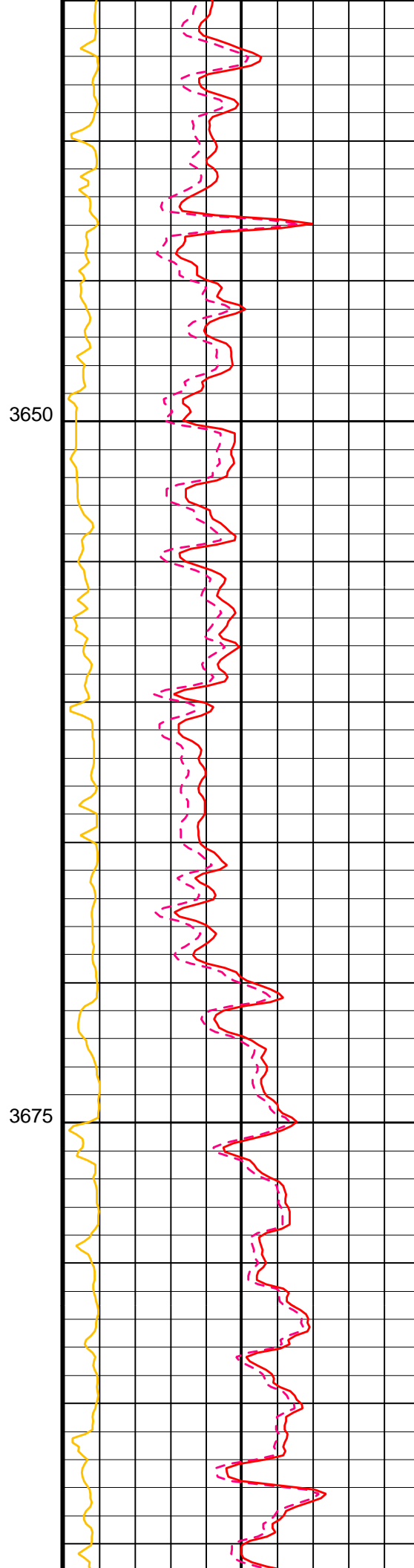
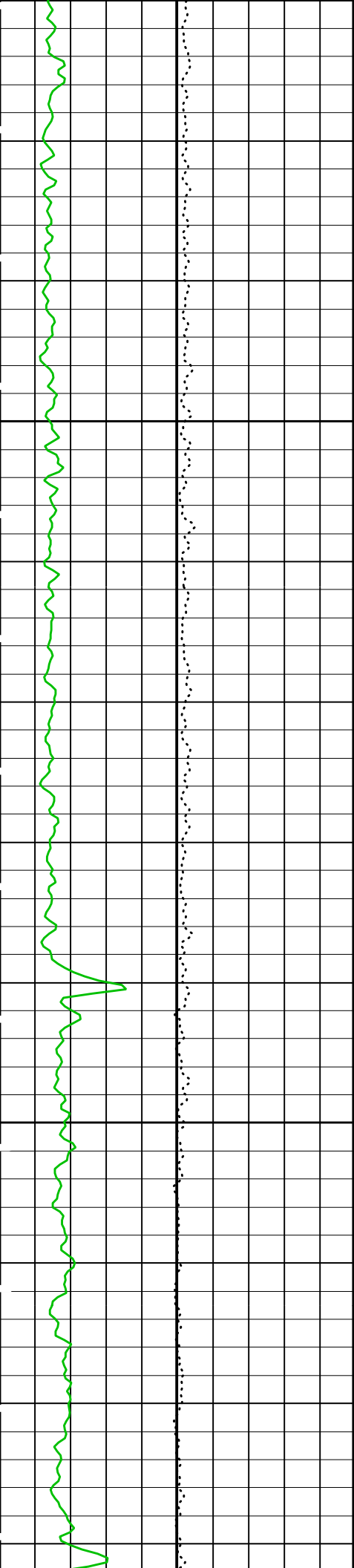


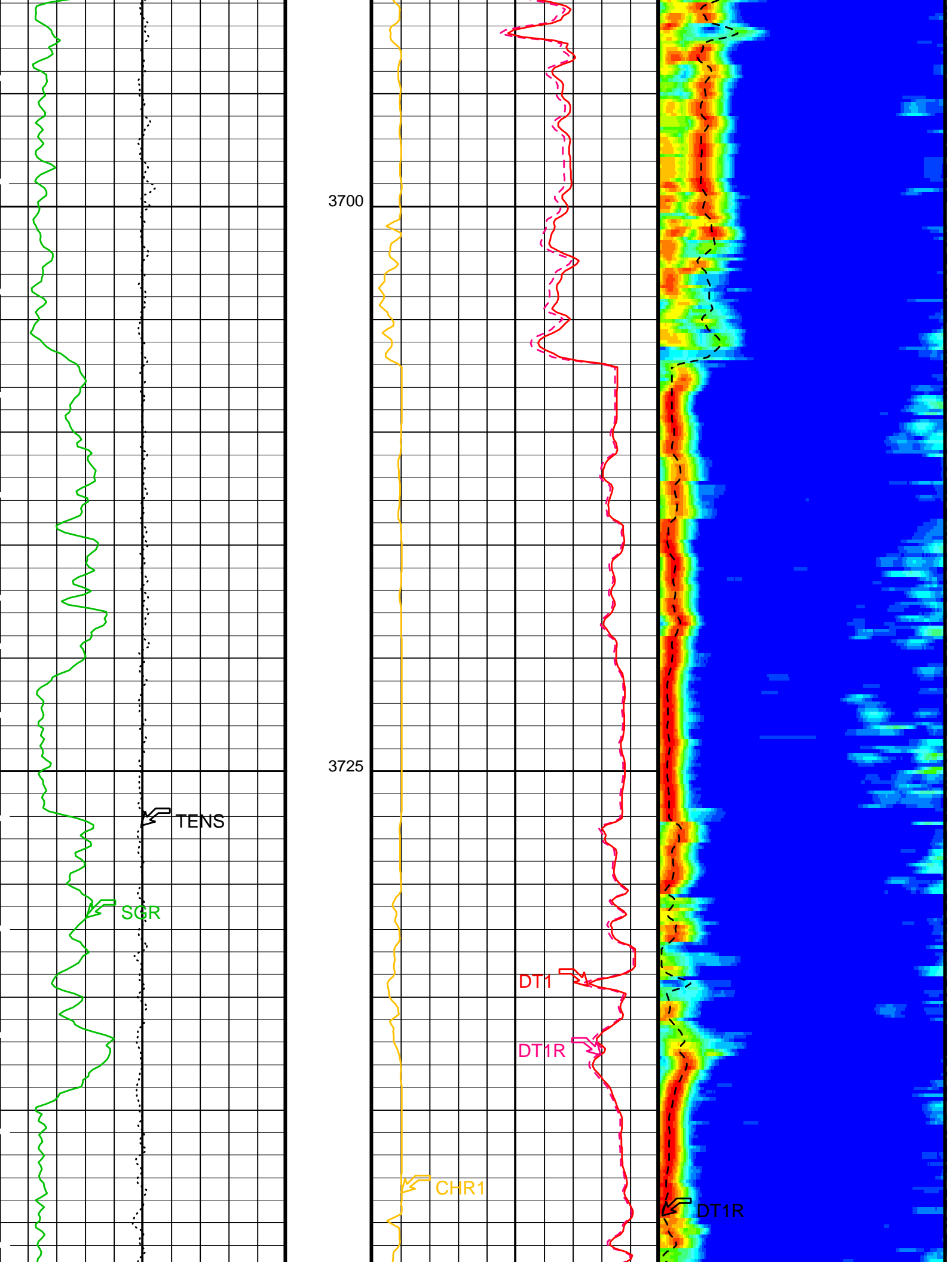


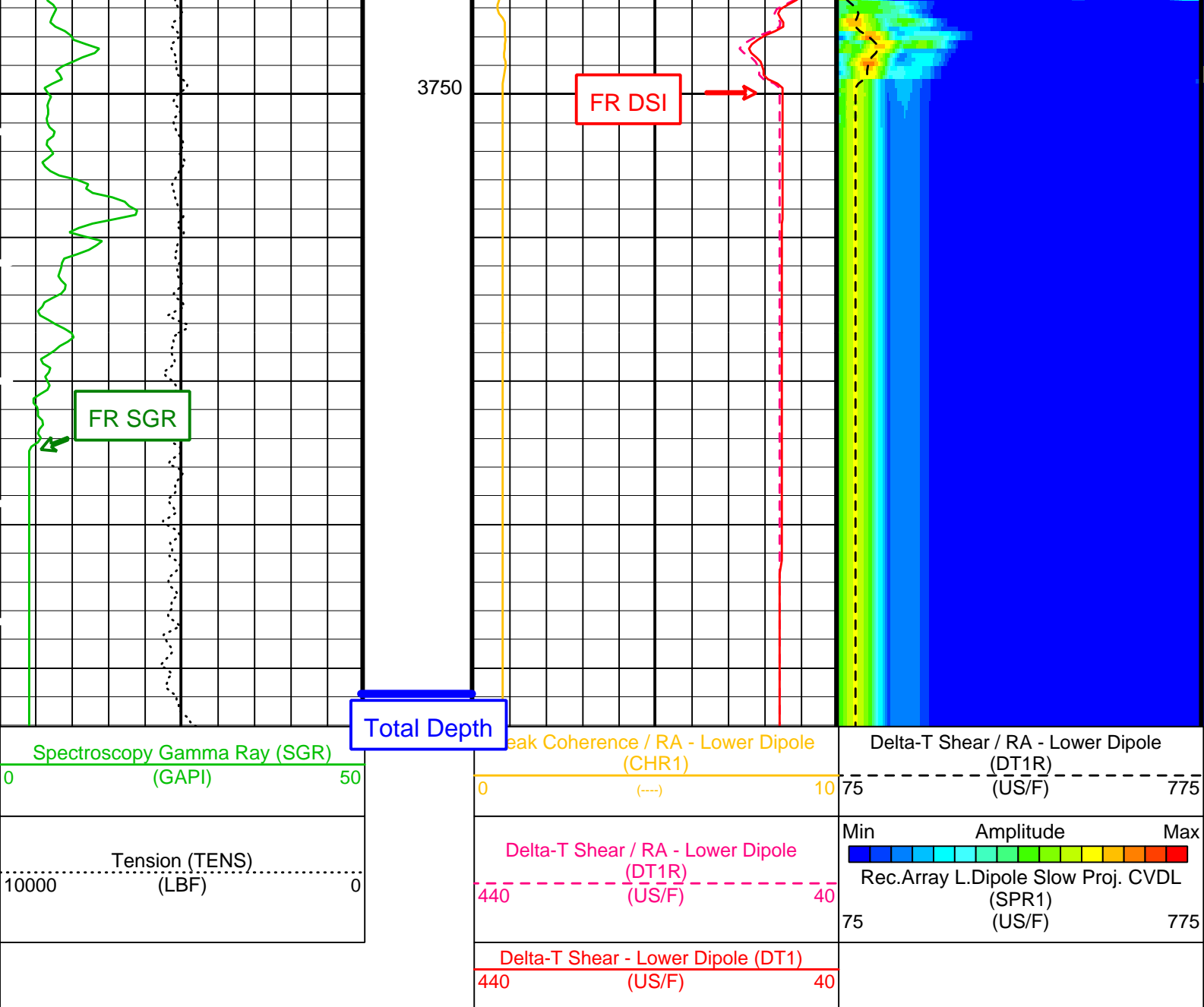
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3625









PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
BS	Bit Size	9.875	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	
DO	Depth Offset for Logical Unit 1	0.0	M
DSHL	Label Slowness Lower Limit - Dipole Shear	75	US/F
DSHU	Label Slowness Upper Limit - Dipole Shear	155	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	%
PP	Playback Processing	RECOMPUTE	
PX1G	Receiver 1 Geometry	294	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
SAM1	DSST Sonic Acquisition Mode 1 - Lower Dipole Mode	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	B1-3K	
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

Format: DSST_LOWER_DIPOLE_VDL_COLOR

Vertical Scale: 1:200

Graphics File Created: 29-Oct-2000 20:17

OP System Version: 9C1-303			
MCM			
MEST-B	OP91-kp2	NGT-C	OP91-kp2
DTA-A	OP91-kp2	DSST-B	OP91-kp2
DTC-H	OP91-kp2		

Input DLIS Files						
DEFAULT	MESTB .025	FN:20	PRODUCER	28-Oct-2000 07:16	3772.1 M	3429.3 M
Output DLIS Files						
DEFAULT	MESTB .034	FN:33	PRODUCER	29-Oct-2000 20:17		
FMS_CUST	MESTB .034	FN:34	PRODUCER	29-Oct-2000 20:17		

Input DLIS Files						
DEFAULT	MESTB .023	FN:17	PRODUCER	28-Oct-2000 06:45	3772.5 M	3714.1 M
Output DLIS Files						
DEFAULT	MESTB .035	FN:35	PRODUCER	29-Oct-2000 23:38	3772.5 M	3714.1 M
FMS_CUST	MESTB .035	FN:36	PRODUCER	29-Oct-2000 23:38	3772.5 M	3714.1 M

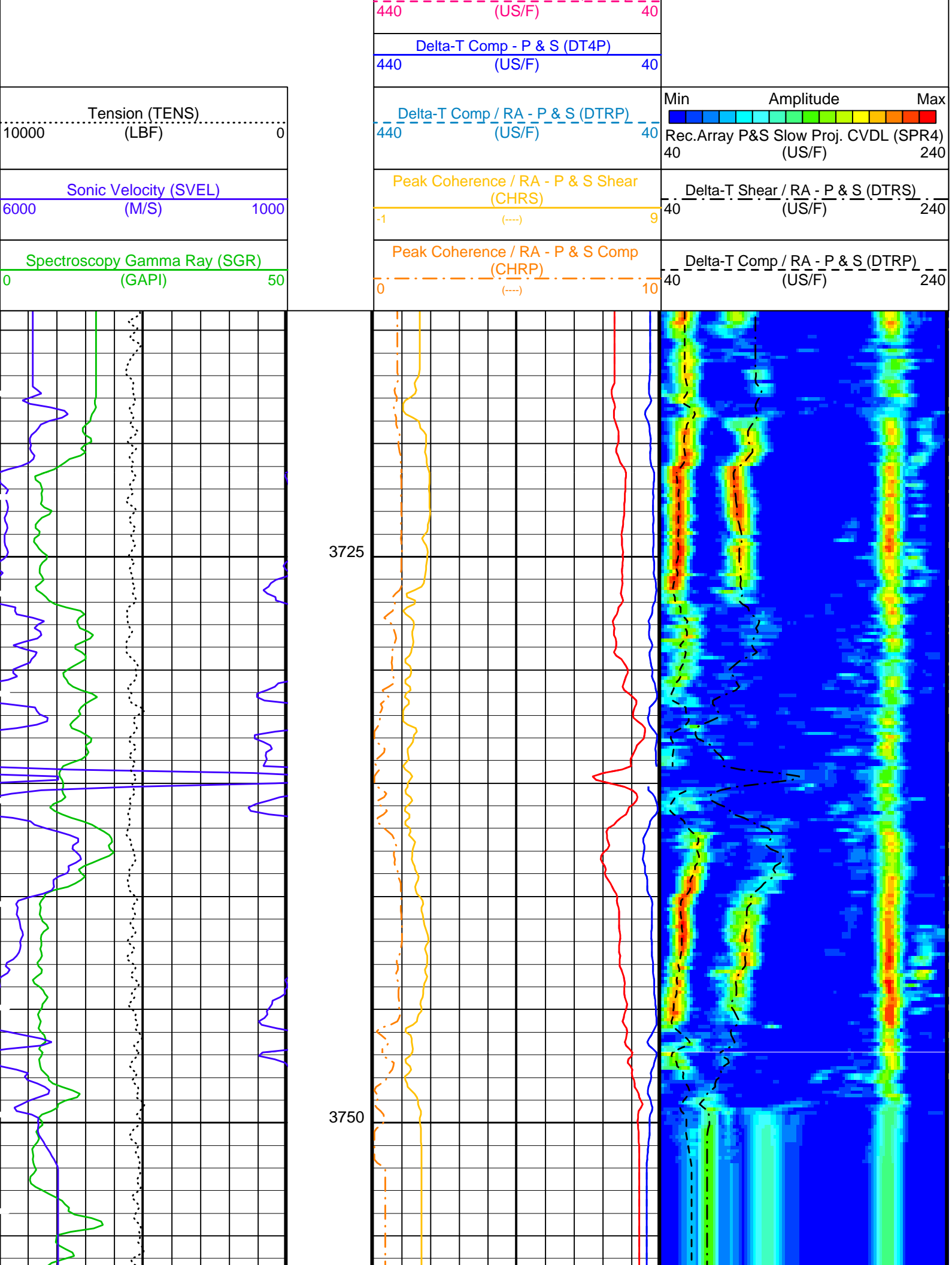
OP System Version: 9C1-303			
MCM			
MEST-B	OP91-kp2	NGT-C	OP91-kp2
DTA-A	OP91-kp2	DSST-B	OP91-kp2
DTC-H	OP91-kp2		

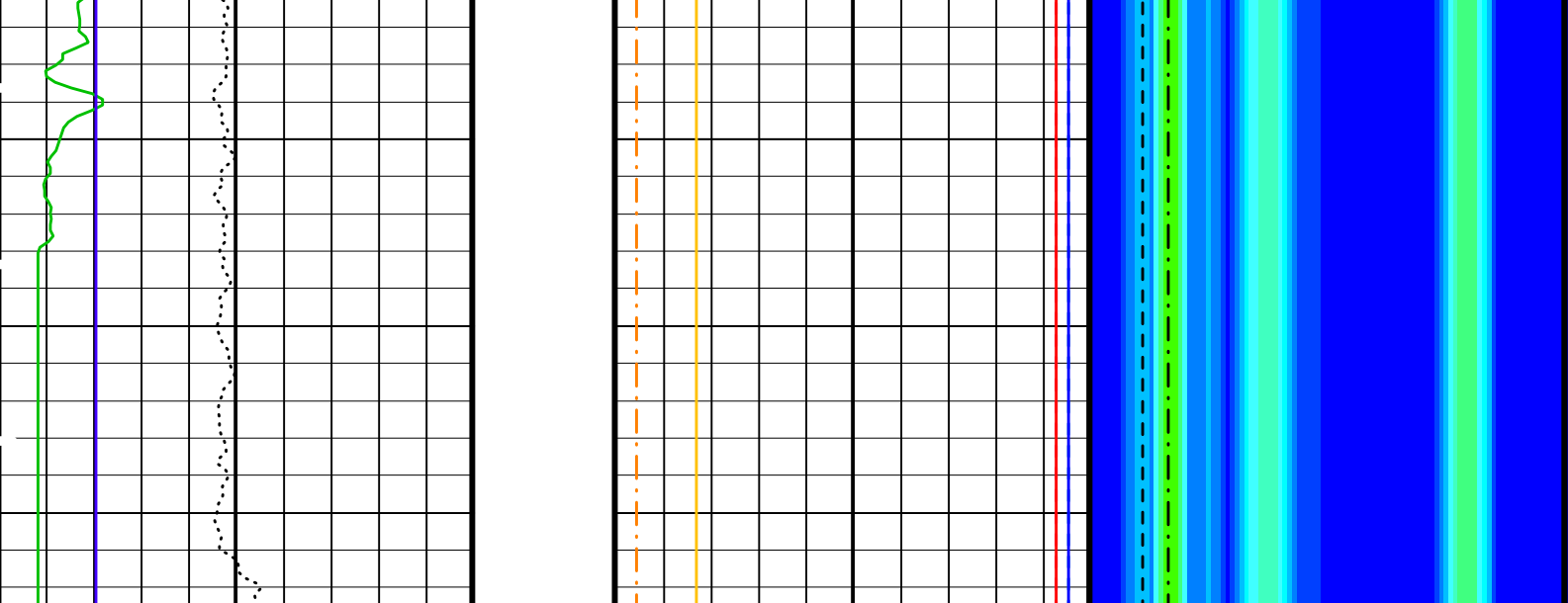
PIP SUMMARY

REPEAT SECTION

Time Mark Every 60 S

Delta-T Shear - P & S (DT4S)		
440	(US/F)	40
Delta-T Shear / RA - P & S (DTRS)		





Spectroscopy Gamma Ray (SGR) (GAPI)	Peak Coherence / RA - P & S Comp (CHRP) (US/F)	Delta-T Comp / RA - P & S (DTRP) (US/F)
0 50	0 10	40 240
Sonic Velocity (SVEL) (M/S)	Peak Coherence / RA - P & S Shear (CHRS) (US/F)	Delta-T Shear / RA - P & S (DTRS) (US/F)
6000 1000	-1 9	40 240
Tension (TENS) (LBF)	Delta-T Comp / RA - P & S (DTRP) (US/F)	Min Amplitude Max Rec.Array P&S Slow Proj. CVDL (SPR4) (US/F)
10000 0	440 40	40 240
	Delta-T Comp - P & S (DT4P) (US/F)	
	440 40	
	Delta-T Shear / RA - P & S (DTRS) (US/F)	
	440 40	
	Delta-T Shear - P & S (DT4S) (US/F)	
	440 40	

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
BHS	Borehole Status	OPEN
BS	Bit Size	9.875 IN
CASF	Label Casing Function - Monopole P&S	50
CBAR	Constant Barite	1
CGMI	Spectro Computed Gamma Ray Minimum	0 GAPI
CGSH	Spectro Computed Gamma Ray Shale	100 GAPI
COLL	Label Slowness Lower Limit - Monopole P&S Compressional	45 US/F
COUL	Label Slowness Upper Limit - Monopole P&S Compressional	80 US/F
DDE4	Digitizing Delay 4	0 US
DDEX	Digitizing Delay X	0 US
DFD	Drilling Fluid Density	1.02 G/C3
DO	Depth Offset for Logical Unit 1	0.0 M
DSI4	Digitizer Sample Interval 4	10 US
DSIX	Digitizer Sample Interval X	40 US
DTF	Delta-T Fluid	189 US/F
DWC4	Digitizer Word Count 4	512
DWCX	Digitizer Word Count X	512
FILG	Label Fill Gap Control - Monopole P&S	COMP_SHEAR
KMIN	Potassium Minimum	0
KSHA	Potassium Shale	0.02
LFC	Label Formation Character - Monopole P&S	DYNAMIC
MCS	Mean Casing Slowness	57 US/F
MTXG	Monopole Transmitter Geometry	186 IN
NFO	NGT Filtering Option	KALMAN
PMUD	Potassium Mud	0 %
PP	Playback Processing	RECOMPUTE

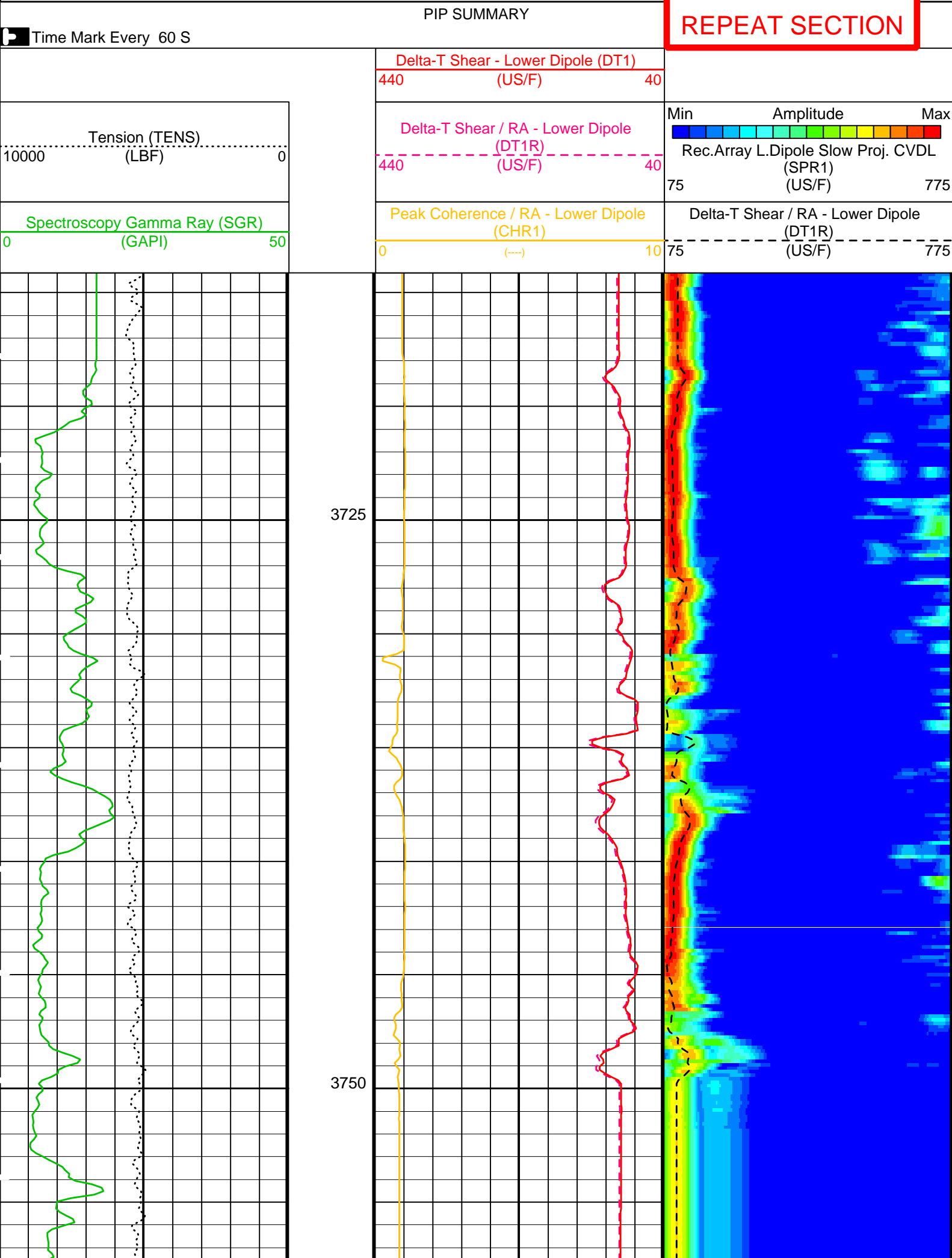
RSMN	Playback Processing	RECOMPT	1.1	
RSMX	Label Shear/Compressional Minimum Ratio - Monopole P&S		2.12	
RX1G	Receiver 1 Geometry		294	IN
RX2G	Receiver 2 Geometry		300	IN
RX3G	Receiver 3 Geometry		306	IN
RX4G	Receiver 4 Geometry		312	IN
RX5G	Receiver 5 Geometry		318	IN
RX6G	Receiver 6 Geometry		324	IN
RX7G	Receiver 7 Geometry		330	IN
RX8G	Receiver 8 Geometry		336	IN
SAM4	DSST Sonic Acquisition Mode 4 - High Frequency Monopole Mode for P&S		ODD	
SAMX	DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert		OFF	
SAS4	STC Sonic Array Status - Monopole P&S		255	
SBO4	STC Search Band Offset - Monopole P&S		500	US
SBR4	STC Baseline Removal - Monopole P&S		ON	
SBW4	STC Search Bandwidth - Monopole P&S		2000	US
SFC4	STC Formation Character - Monopole P&S	SELECTABLE		
SFM4	STC Filter - Monopole P&S	B3-20K		
SGMI	Spectro Gamma Ray Minimum		0	GAPI
SGSH	Spectro Gamma Ray Shale		100	GAPI
SHLL	Label Slowness Lower Limit - Monopole P&S Shear		60	US/F
SHUL	Label Slowness Upper Limit - Monopole P&S Shear		150	US/F
SLL4	STC Slowness Lower Limit - Monopole P&S		40	US/F
SST4	STC Slowness Step - Monopole P&S		2	US/F
SSW4	STC Source Waveform - Monopole P&S	WF_SAM4		
STLL	Label Slowness Lower Limit - Monopole Stoneley		180	US/F
STUL	Label Slowness Upper Limit - Monopole Stoneley		780	US/F
SUL4	STC Slowness Upper Limit - Monopole P&S		240	US/F
SWD4	STC Slowness Width - Monopole P&S		10	US/F
TBF4	STC Time for Baseline Fill - Monopole P&S		300	US
TLL4	STC Time Lower Limit - Monopole P&S		150	US
TMIN	Thorium Minimum		0	PPM
TSHA	Thorium Shale		12	PPM
TST4	STC Time Step - Monopole P&S		50	US
TUL4	STC Time Upper Limit - Monopole P&S		3660	US
TWD4	STC Time Width - Monopole P&S		1000	US
TWI4	STC Integration Time Window - Monopole P&S		500	US
TWSX	Transmitter Waveform Select X		0	
UMIN	Uranium Minimum		0	PPM
USHA	Uranium Shale		3	PPM

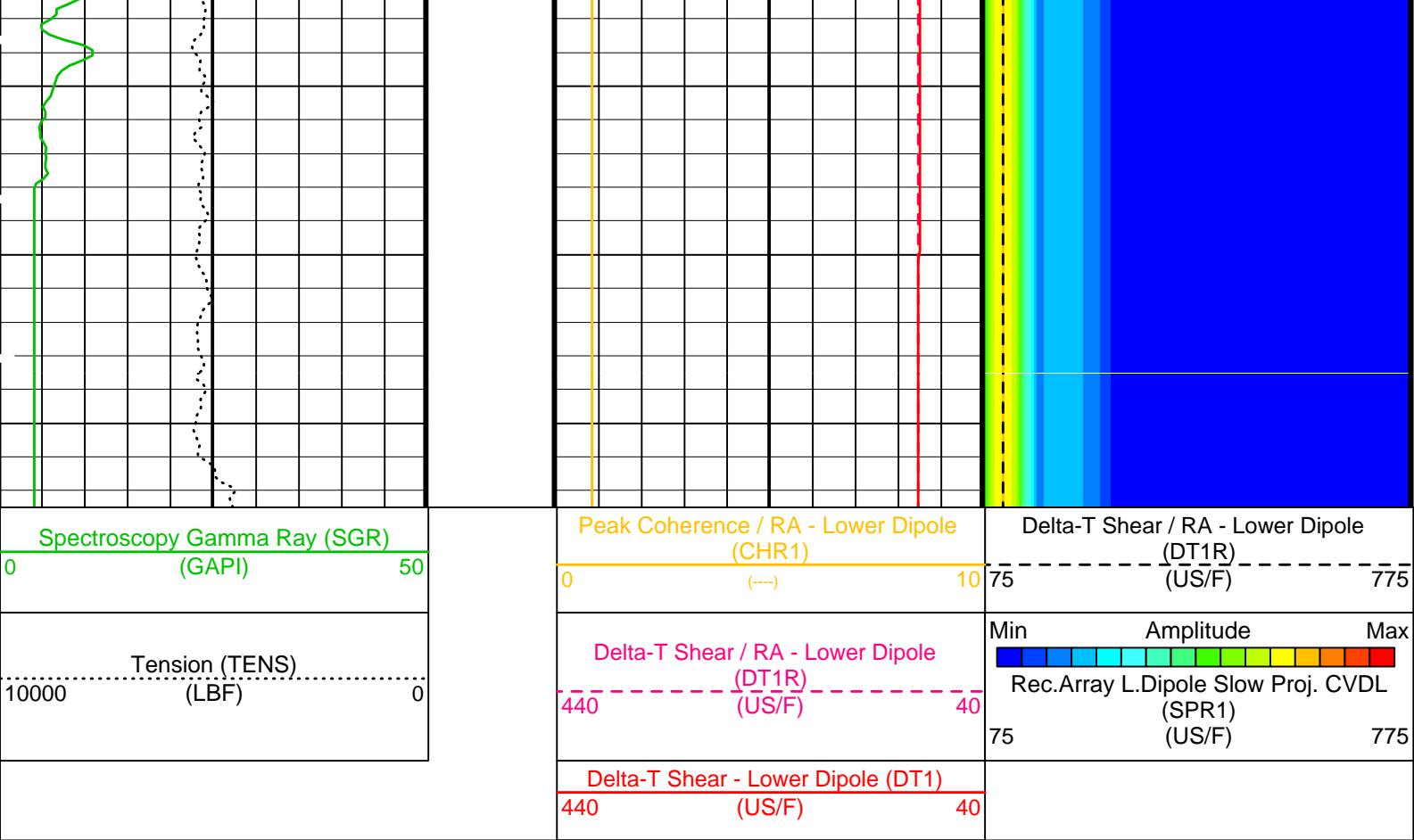
Format: DSST_P_S_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 29-Oct-2000 23:38

OP System Version: 9C1-303						
MCM						
MEST-B	OP91-kp2		NGT-C	OP91-kp2		
DTA-A	OP91-kp2		DSST-B	OP91-kp2		
DTC-H	OP91-kp2					
Input DLIS Files						
DEFAULT	MESTB .023	FN:17	PRODUCER	28-Oct-2000 06:45	3772.5 M	3714.1 M
Output DLIS Files						
DEFAULT	MESTB .035	FN:35	PRODUCER	29-Oct-2000 23:38		
FMS_CUST	MESTB .035	FN:36	PRODUCER	29-Oct-2000 23:38		

Input DLIS Files						
DEFAULT	MESTB .023	FN:17	PRODUCER	28-Oct-2000 06:45	3772.5 M	3714.1 M
Output DLIS Files						
DEFAULT	MESTB .035	FN:35	PRODUCER	29-Oct-2000 23:38	3772.5 M	3714.1 M
FMS_CUST	MESTB .035	FN:36	PRODUCER	29-Oct-2000 23:38	3772.5 M	3714.1 M

OP System Version: 9C1-303						
MCM						
MEST-B	OP91-kp2		NGT-C	OP91-kp2		
DTA-A	OP91-kp2		DSST-B	OP91-kp2		
DTC-H	OP91-kp2					





PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
BS	Bit Size	9.875	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	
DO	Depth Offset for Logical Unit 1	0.0	M
DSHL	Label Slowness Lower Limit - Dipole Shear	75	US/F
DSHU	Label Slowness Upper Limit - Dipole Shear	150	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	%
PP	Playback Processing	RECOMPUTE	
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	EVEN	
SAMX	DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert	OFF	
SAS1	STC Sonic Array Status - Lower Dipole	255	
SB01	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	B1-3K	

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

Format: DSST_LOWER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 29-Oct-2000 23:38

OP System Version: 9C1-303 MCM

MEST-B	OP91-kp2	NGT-C	OP91-kp2
DTA-A	OP91-kp2	DSST-B	OP91-kp2
DTC-H	OP91-kp2		

Input DLIS Files

DEFAULT	MESTB .023	FN:17 PRODUCER	28-Oct-2000 06:45	3772.5 M	3714.1 M
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Output DLIS Files

DEFAULT	MESTB .035	FN:35 PRODUCER	29-Oct-2000 23:38
FMS_CUST	MESTB .035	FN:36 PRODUCER	29-Oct-2000 23:38

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 24-SEP-2000 6:27							
Caliper 1 Zero Measurement	8.000	N/A	8.680	N/A	N/A	N/A	IN
Caliper 2 Zero Measurement	8.000	N/A	8.586	N/A	N/A	N/A	IN
Caliper 1 Plus Measurement	15.00	N/A	16.00	N/A	N/A	N/A	IN
Caliper 2 Plus Measurement	15.00	N/A	15.97	N/A	N/A	N/A	IN
Micro Electrical Scanner - B (Slim) Wellsite Calibration - CROUZET ACCELEROMETER PROM HAS BEEN READ CORRECTLY							
Before: 28-OCT-2000 6:45							
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 - EPS MAGNETOMETER PROM HAS BEEN READ CORRECTLY							
Before: 28-OCT-2000 6:45							
TEMPERATURE REFERENCE :	N/A	N/A	70	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	85	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	11	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	33	N/A	N/A	N/A	
Natural Gamma Spectroscopy - C Wellsite Calibration - Background Measurement							
Master: 28-AUG-2000 2:02 Before: 24-SEP-2000 6:28 After: 31-OCT-2000 20:03							
WINDOW 1 Background	100.0	11.39	20.96	10.34	-10.61	100.0	CPS
WINDOW 2 Background	50.00	3.288	4.895	2.925	-1.971	50.00	CPS
WINDOW 3 Background	10.00	0.9303	0.8603	0.7550	-0.1053	10.00	CPS
WINDOW 4 Background	6.000	0.2688	0.3033	0.2150	-0.08832	6.000	CPS
WINDOW 5 Background	10.00	0.4428	0.4628	0.4700	0.007168	10.00	CPS
SGR Background	30.00	4.270	7.188	3.848	-3.340	N/A	GAPI
Natural Gamma Spectroscopy - C Wellsite Calibration - Normalized Jig Measurement							
Master: 28-AUG-2000 2:32 Before: 24-SEP-2000 6:34 After: 31-OCT-2000 20:33							
WINDOW 1 Jig	376.0	386.3	385.9	386.1	0.1043	22.56	CPS
WINDOW 2 Jig	167.0	172.5	171.5	172.9	1.410	10.02	CPS

WINDOW 3 Jig	24.00	24.25	24.64	23.86	-0.7772	1.440	CPS
WINDOW 4 Jig	14.00	13.93	14.24	14.65	0.4157	2.800	CPS
WINDOW 5 Jig	22.50	22.63	23.44	22.34	-1.099	4.500	CPS
SGR Jig	160.0	160.0	160.0	160.0	0.01387	7.000	GAPI

The NGT PCSL Value is set to 78.537 KEV

Micro Electrical Scanner - B (Slim) / Equipment Identification

Primary Equipment:

MEST Sonde - B	MEDS - B	702
MEST Preamplifier Cartridge - AB	MEPC - AB	807
GPIT Cartridge - A	GPIC - A	719
MEST Acquisition Cartridge - A	MEAC - A	833

Auxiliary Equipment:

MEST-B Preamplifier Cartridge Housing	MEPH - A	701
MEST Acquisition Cartridge Housing (Slim)	MEAH - B	701

Natural Gamma Spectroscopy - C / Equipment Identification

Primary Equipment:

NGT Cartridge	NGC - C	1921
NGT Sonde	NGD - A	1736

Auxiliary Equipment:

NGT Cartridge Housing	NGCH - A	752
NGT Sonde Housing	NGH - B	3
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		11.39	Master		3.288	Master		0.9303
Before		20.96	Before		4.895	Before		0.8603
After		10.34	After		2.925	After		0.7550
	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		0.2688	Master		0.4428	Master		4.270
Before		0.3033	Before		0.4628	Before		7.188
After		0.2150	After		0.4700	After		3.848
	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: 28-AUG-2000 2:02

Before: 24-SEP-2000 6:28

After: 31-OCT-2000 20:03

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		386.3	Master		172.5	Master		24.25
Before		385.9	Before		171.5	Before		24.64
After		386.1	After		172.9	After		23.86
	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		13.93	Master		22.63	Master		160.0
Before		14.24	Before		23.44	Before		160.0
After		14.65	After		22.34	After		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)	

(Minimum)	(Nominal)	(Maximum)	(Minimum)	(Nominal)	(Maximum)	(Minimum)	(Nominal)	(Maximum)
Master: 28-AUG-2000 2:32			Before: 24-SEP-2000 6:34			After: 31-OCT-2000 20:33		

Natural Gamma Spectroscopy - C Wellsite Calibration								
Quality Control Values								
Phase	DHVF Jig V		Value	Phase	Quality Windows Ratio Jig		Value	
Master			1523	Master			2.239	
Before			1540	Before			2.251	
After			1545	After			2.233	
1088 (Minimum)			1450 (Nominal)	1813 (Maximum)				
				2.150 (Minimum)			2.240 (Nominal)	2.330 (Maximum)
Master: 28-AUG-2000 2:32				Before: 24-SEP-2000 6:34				
After: 31-OCT-2000 20:33								

Natural Gamma Spectroscopy - C Wellsite Calibration		
Quality Control Values Check		
Phase	Thorium peak Form Factor Jig	Value
Before		0.07673
After		0.1823
<div><div>-0.2000 (Minimum)</div><div>0 (Nominal)</div><div>0.2000 (Maximum)</div></div>		
Before: 24-SEP-2000 6:34		
After: 31-OCT-2000 20:33		

COMPANY: Lamont Doherty WELL: ODP Leg 192, Site 1186A FIELD: Ontong Java Plateau COUNTY: Joides Resolution Ocean: Pacific	BOTTOM LOG INTERVAL	3769 m
	SCHLUMBERGER DEPTH	3771 m
	DEPTH DRILLER	3774 m
	KELLY BUSHING	11.3 m
	DRILL FLOOR	11 m
	GROUND LEVEL	-2740 m

Dipole Sonic

