TX_AMP	Transmitter Amplitude Factor	** V **	
U_SLL1_MAST	MAST DSTC Slowness Lower Limit 1	0	US/F
U_SLL2_MAST	MAST DSTC Slowness Lower Limit 2	0	US/F
U_SLL3_MAST	MAST DSTC Slowness Lower Limit 3	0	US/F
U_SLL4_MAST	MAST DSTC Slowness Lower Limit 4	0	US/F
U_SLL5_MAST	MAST DSTC Slowness Lower Limit 5	0	US/F
U_SLL6_MAST	MAST DSTC Slowness Lower Limit 6	0	US/F
U_SLL_FAST_MAST	MAST DSTC Slowness Lower Limit Fast	0	US/F
U_SLL_SLOW_MAST	MAST DSTC Slowness Lower Limit Slow	0	US/F
U_SUL1_MAST	MAST DSTC Slowness Upper Limit 1	0	US/F
U_SUL2_MAST	MAST DSTC Slowness Upper Limit 2	0	US/F
U_SUL3_MAST	MAST DSTC Slowness Upper Limit 3	0	US/F
U_SUL4_MAST	MAST DSTC Slowness Upper Limit 4	0	US/F
U_SUL5_MAST	MAST DSTC Slowness Upper Limit 5	0	US/F
U_SUL6_MAST	MAST DSTC Slowness Upper Limit 6	0	US/F
U_SUL_FAST_MAST	MAST DSTC Slowness Upper Limit Fast	0	US/F
U_SUL_SLOW_MAST	MAST DSTC Slowness Upper Limit Slow	0	US/F
ZCMT	Acoustic Impedance of Cement	6.8	MRAY
EDTC-B: Enhanced DTS Cartridge			
BHFL	Borehole Fluid Type	WATER	
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	105	DEGF
BSCO	Borehole Salinity Correction Option	NO	
CCCO	Casing & Cement Thickness Correction Option	NO	
DPPM	Density Porosity Processing Mode	STAN	
FSAL	Formation Salinity	-50000	PPM
FSCO	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	Hole Size Correction Option	YES	
ISSBAR	Barite Mud Switch	NOBARITE	
ISSBAR_EDTC	Nuclear Mud Type	NOBARITE	
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
MCCO	Mud Cake Correction Option	NO	
MCOR	Mud Correction	NATU	
MWCO	Mud Weight Correction Option	NO	
PTCO	Pressure/Temperature Correction Option	NO	
SDAT	Standoff Data Source	SOCN	
SHT	Surface Hole Temperature	85	DEGF
SOCN	Standoff Distance	0.5	IN
SOCO	Standoff Correction Option	NO	
TPOS_EDTC	EDTC Tool Centered/Eccentered	Centered	
U-ETELM_EDTS	Telemetry Mode for eWAFE	Standard_EDTS	
U-TELM_EDTS	Telemetry Mode for WAFE	Standard_EDTS	
System and Miscellaneous			
ALTDPCHAN	Name of alternate depth channel	SpeedCorrectedDepth	
BSAL	Borehole Salinity	-50000.00	PPM
CSIZ	Current Casing Size	18.000	IN
CWEI	Casing Weight	117.00	LB/F
DFD	Drilling Fluid Density	10.90	LB/G
DO	Depth Offset for Playback	0.0	FT
FLEV	Fluid Level	-50000.00	FT
MST	Mud Sample Temperature	-50000.00	DEGF
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	-50000.0000	OHMM
TD	Total Depth	10000	FT
TDD	Total Depth - Driller	9748.00	FT
TDL	Total Depth - Logger	-50000.00	FT
TWS	Temperature of Connate Water Sample	-50000.00	DEGF

Format: 2_MAST_CE_DBI Vertical Scale: 5" per 100' Graphics File Created: 21-Jun-2010 13:59

OP System Version: 17C0-154

CAL-Y	17C0-154	MAPC-B	SKK-3934-MAST
EDTC-B	SKK-3882-EDTCB	ECRD	SRPC-3971-Q1_2010_OP17

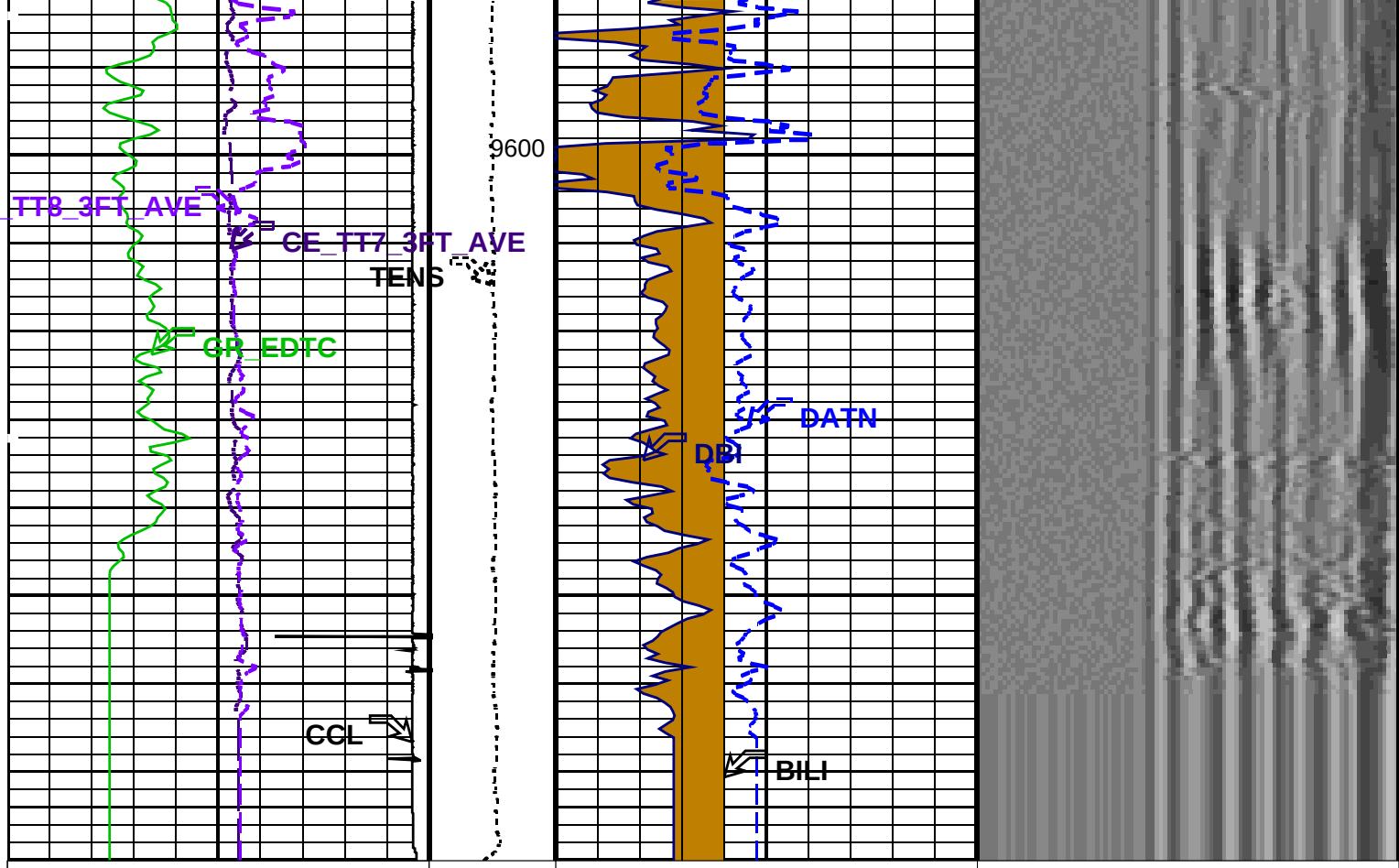
Input DLIS Files

BACKUP	MAPC_016LUP	FN:20	PRODUCER	21-Jun-2010 13:05	9680.0 FT	7532.0 FT

Output DLIS Files

DEFAULT	MAPC_020PUP	FN:24	PRODUCER	21-Jun-2010 13:59

CE_VDLSEL	VDL Selection for Cement Evaluation	MU_5FT	
CE_VDL_MODE	DCBL/VDL Mode for Cement Evaluation	STANDARD	
CE_VFILSWA	VDL Filter Switch Array for Cement Evaluation	** V **	
CLASSAL	Classification Algorithm	** V **	
CMCF	CBL Cement Type Compensation Factor	1	
CRVIN_MF	Alteration Detection Input Number for Monopole Far	DISALLOW	
CRVIN_ML	Alteration Detection Input Number for Monopole Lower	DISALLOW	
CRVIN_MU	Alteration Detection Input Number for Monopole Upper	DISALLOW	
CTHI	Casing Thickness	0.629987	IN
DCRMVL	DC Offset Removal Option	DC_MULTIPLE	
DLHS	Hole Diameter Source for SOBS Channel	AUTO	
DTCO_SELECT	Delta-T Compressional Selection for Finalization	MF	
DTF	Delta-T Fluid	230	US/F
DTM	Delta-T Matrix	56	US/F
DTSH_SELECT	Delta-T Shear Selection for Finalization	XD	
DWF7_SPEC	Channel/Station/Azimuth for VDL (DWF7) of Measurement 7	WFA7/9/1	
DWF8_SPEC	Channel/Station/Azimuth for VDL (DWF8) of Measurement 8	WFA8/5/1	
FATT	Acoustic Attenuation due to Fluid	0	DB/F
FCF	CBL Fluid Compensation Factor	0.835147	
FIRING_TABLE	MAST Firing Table	** V **	
GCSE	Generalized Caliper Selection	BS	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
GOBO	Good Bond	10.3462	MV
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
IMG_DTCO_SEL_MAST	Imaging Input DT Compressional Selection	CONSTANT_DTCO	
IMG_EST_DTCO_MAST	Imaging Estimated DT Compressional	120	US/F
IMG_RBS	Imaging Relative Bearing Selection	RB1	
ISSBAR	Barite Mud Switch	NOBARITE	
ITTS	Integrated Transit Time Source	DTCO	
MAST_AZIM_PROC_SWITCH	MAST Azimuth Process Switch	ON	
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
MATT	Maximum Attenuation	7.24359	DB/F
MCCF	MAP Cement Type Compensation Factor	1	
MCI	Minimum Cemented Interval for Isolation	30.14	FT
MMSA	MAP Minimum Sonic Amplitude	0	MV
MSA	Minimum Sonic Amplitude	4.50571	MV
NFPI_ML	Free Pipe Amplitude for ML	1633.68	
NFPI_MU	Free Pipe Amplitude for MU	1464.34	
NRSA	Number of Receivers in Sub-Array	** V **	
PRES_MAST_DTC_CURVE_LL	MAST Compressional DT Slowness Curve Lower Limit for Presentation	40	US/F
PRES_MAST_DTC_CURVE_UL	MAST Compressional DT Slowness Curve Upper Limit for Presentation	240	US/F
PRES_MAST_DTC_IMAGE_LL	MAST Compressional DT Slowness Image Lower Limit for Presentation	40	US/F
PRES_MAST_DTC_IMAGE_UL	MAST Compressional DT Slowness Image Upper Limit for Presentation	240	US/F
PRES_MAST_DTST_CURVE_LL	MAST Stoneley DT Slowness Curve Lower Limit for Presentation	100	US/F
PRES_MAST_DTST_CURVE_UL	MAST Stoneley DT Slowness Curve Upper Limit for Presentation	700	US/F
PRES_MAST_DTST_IMAGE_LL	MAST Stoneley DT Slowness Image Lower Limit for Presentation	100	US/F
PRES_MAST_DTST_IMAGE_UL	MAST Stoneley DT Slowness Image Upper Limit for Presentation	700	US/F
PRES_MAST_DTS_CURVE_LL	MAST Share DT Slowness Curve Lower Limit for Presentation	40	US/F
PRES_MAST_DTS_CURVE_UL	MAST Share DT Slowness Curve Upper Limit for Presentation	540	US/F
PRES_MAST_DTS_IMAGE_LL	MAST Share DT Slowness Image Lower Limit for Presentation	40	US/F
PRES_MAST_DTS_IMAGE_UL	MAST Share DT Slowness Image Upper Limit for Presentation	540	US/F
PRES_MAST_SDT_TIME_WINDOW_LL	MAST Shear DT Time Windows Lower Limit in Alford Rotation for Presentation	0	US
PRES_MAST_SDT_TIME_WINDOW_UL	MAST Shear DT Time Windows Upper Limit in Alford Rotation for Presentation	20000	US
RBC	Relative Bearing Correction Allow/Disallow	DISALLOW	
ROTIN_XD	Alford Rotation X Dipole Measurement Number	DISALLOW	
ROTIN_YD	Alford Rotation Y Dipole Measurement Number	DISALLOW	
ROTWINDOW_CTRL	Alford Rotation Window Control	ON	
ROT_AI	Dipole Waveform Rotation Averaging Depth Interval	0	FT
ROT_FIL_LENG	Alford Rotation Filter Length	0	
ROT_TWD	Alford Rotation Window Time Width	0	US
ROT_TWO	Alford Rotation Window Time Offset	0	US
ROT_XFH	Alford Rotation Filter High Cutoff	0	HZ
ROT_XFL	Alford Rotation Filter Low Cutoff	0	HZ
SHT	Surface Hole Temperature	85	DEGF
SPFS	Sonic Porosity Formula	RAYMER_HUNT	
SPSO	Sonic Porosity Source	DTCO	
STCAL	STC Algorithm	** V **	
STCSEL1	Station Selection for STC for Measurement 1	** V **	
STCSEL2	Station Selection for STC for Measurement 2	** V **	
STCSEL3	Station Selection for STC for Measurement 3	** V **	
STCSEL4	Station Selection for STC for Measurement 4	** V **	
STCSEL5	Station Selection for STC for Measurement 5	** V **	
STCSEL6	Station Selection for STC for Measurement 6	** V **	
STCSEL_FAST	Station Selection for STC for DT_FAST	** V **	
STCSEL_SLOW	Station Selection for STC for DT_SLOW	** V **	
TRMIN	Alteration Detection Minimum Transmitter Receiver Spacing for Processing	3.0	FT



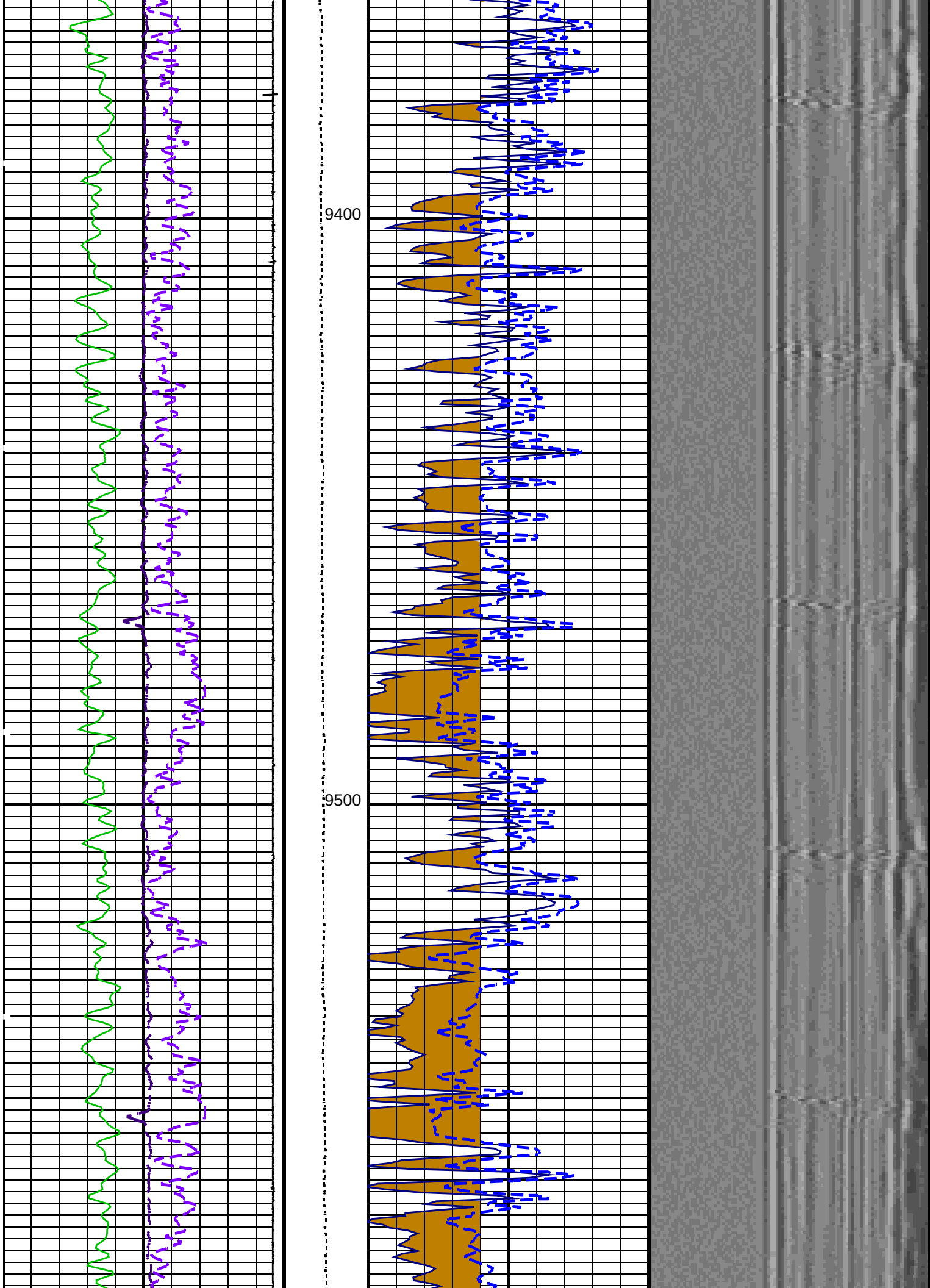
Collars	Tension (TENS) (LBF) 2000 – 4000	Discriminated Bond Index (DBI) 1 (----) 0	Min Amplitude Max VDL Variable Density (VDL) 200 (US) 1200
Radioactive Marker		Discriminated Attenuation (DATN) 10 (DB/F) 0	
Casing Collar Locator (CCL) -19 (----) 1		>60% Bond	
Gamma Ray (GR_EDTC) 0 (GAPI) 80			
Transit Time 3FT (CE_TT7_3FT_AVE) 600 (US) 400			
Transit Time 3FT (CE_TT8_3FT_AVE) 600 (US) 400			

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	CAL-Y: Casing Anomaly Locator - Y		
CCLD	CCL reset delay	12	IN
CCLT	CCL Detection Level	1	V
	MAPC-B: Multimode Array Sonic Power Cartridge		
AZIM_SELECT	Azimuth Reference Selection	NONE	
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	105	DEGF
BILI	Bond Index Level for Zone Isolation	0.6	
BISS	Bond Index Source Selection for BIQL	DBI	
BS	Bit Size	22.000	IN
CBRA	CBL LQC Reference Amplitude in Free Pipe	36	MV
CDTS	C-Delta-T Shale	100	US/F
CE_DCBLSEL	DCBL Selection for Cement Evaluation	3_5FT	
CE_VDLGRA	VDL Manual Gain Rate Array for Cement Evaluation	** V **	
CE_VDLSEL	VDL Selection for Cement Evaluation	MU_5FT	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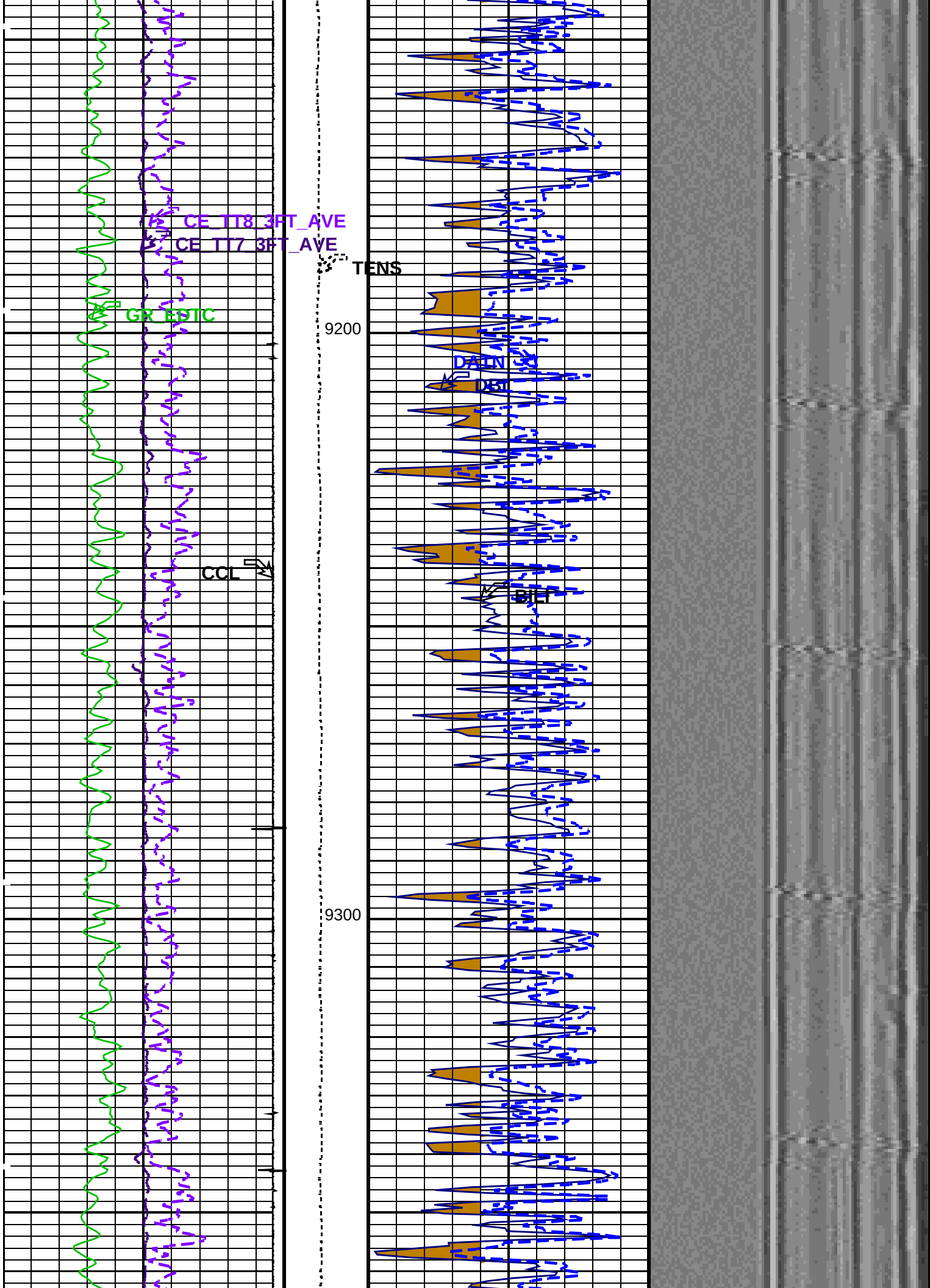
9500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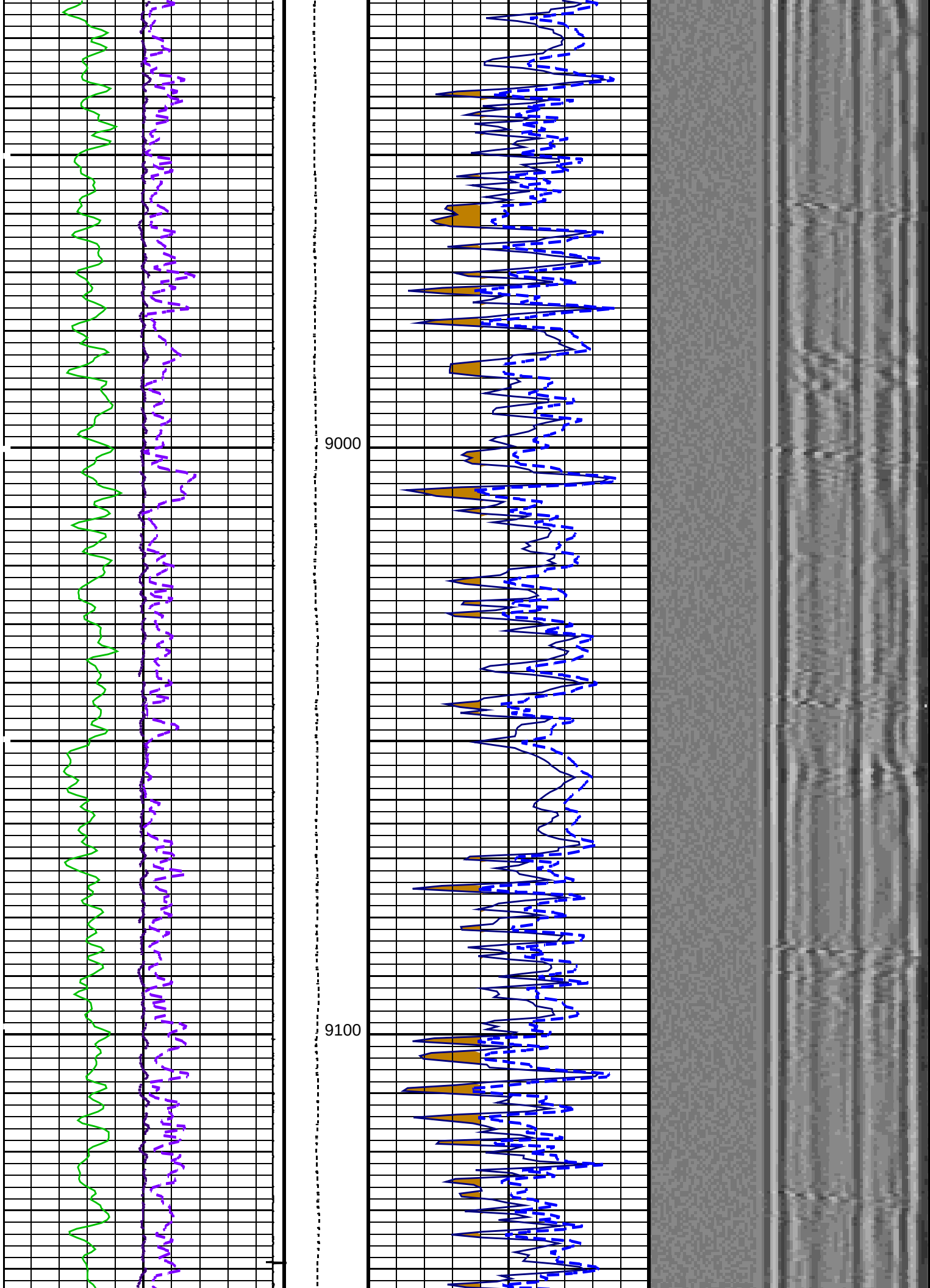
CE_TT7_3FT_AVE
TENS
GR_EDTC
9200
DALN_30
DSI
CCL
DILF
9300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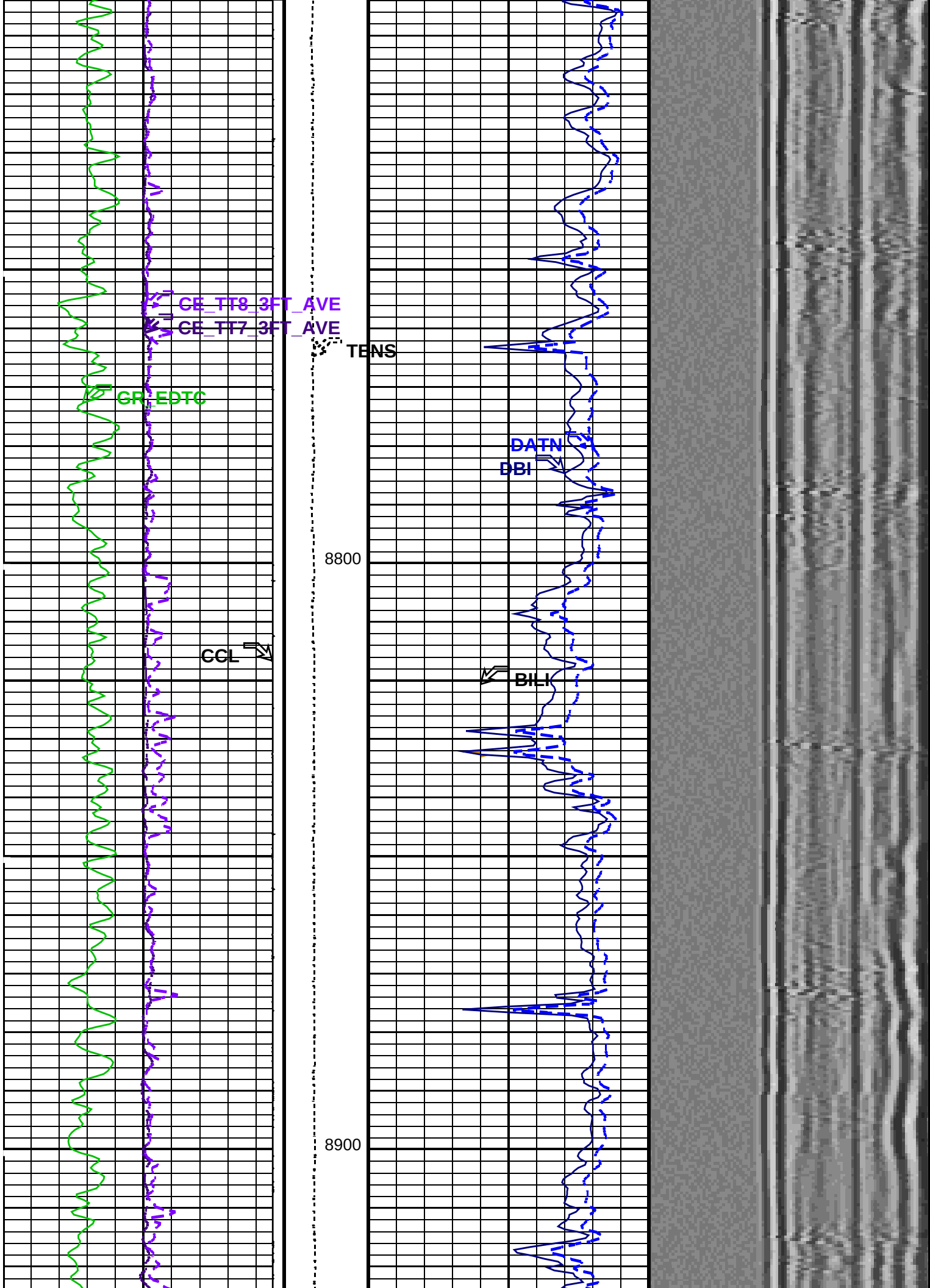
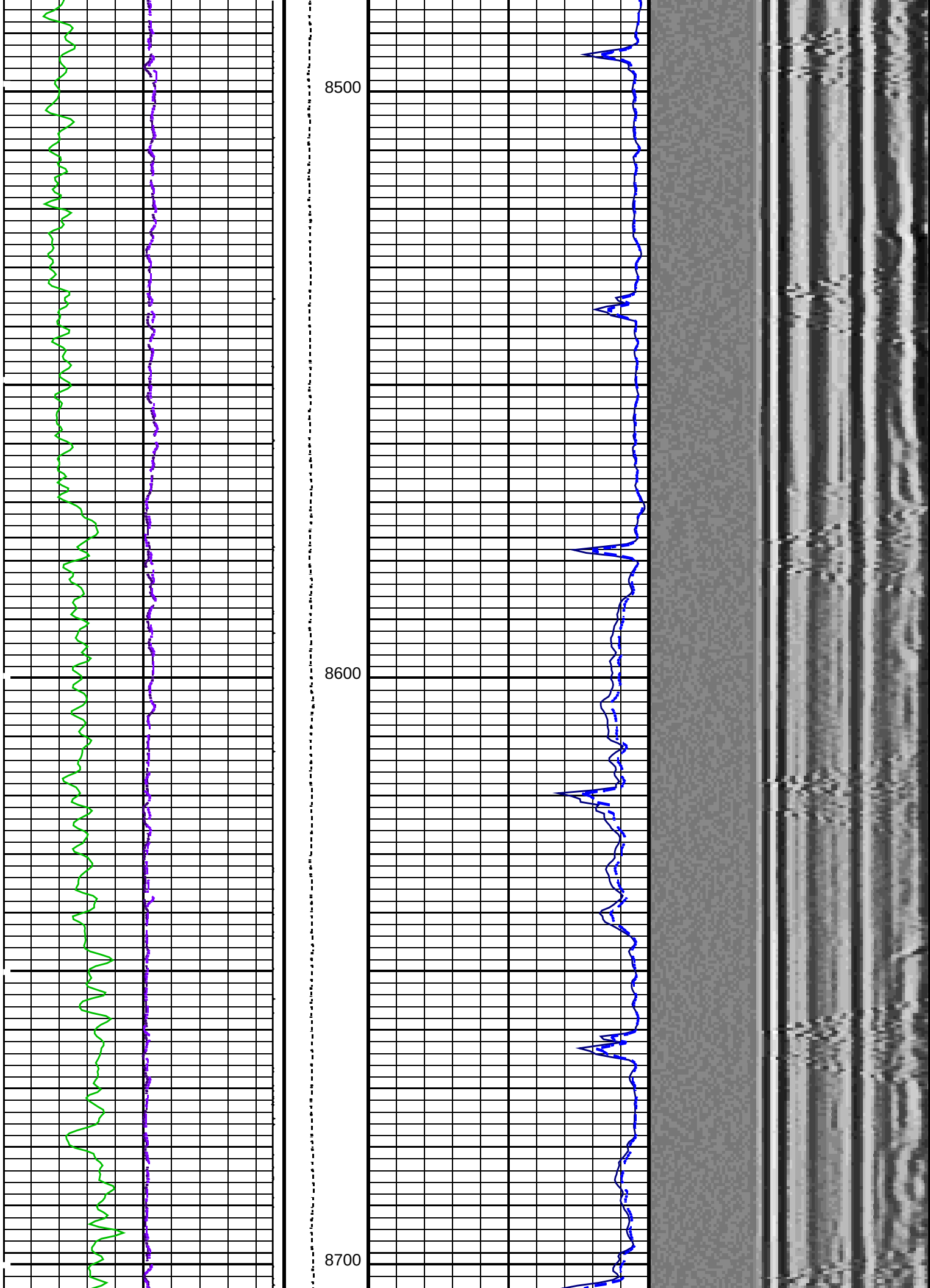

CE_TT8_3FT_AVE
CE_TT7_3FT_AVE
TENS
GR_EDTC
DATN
DBI
8800
CCL
BILI
8900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8600
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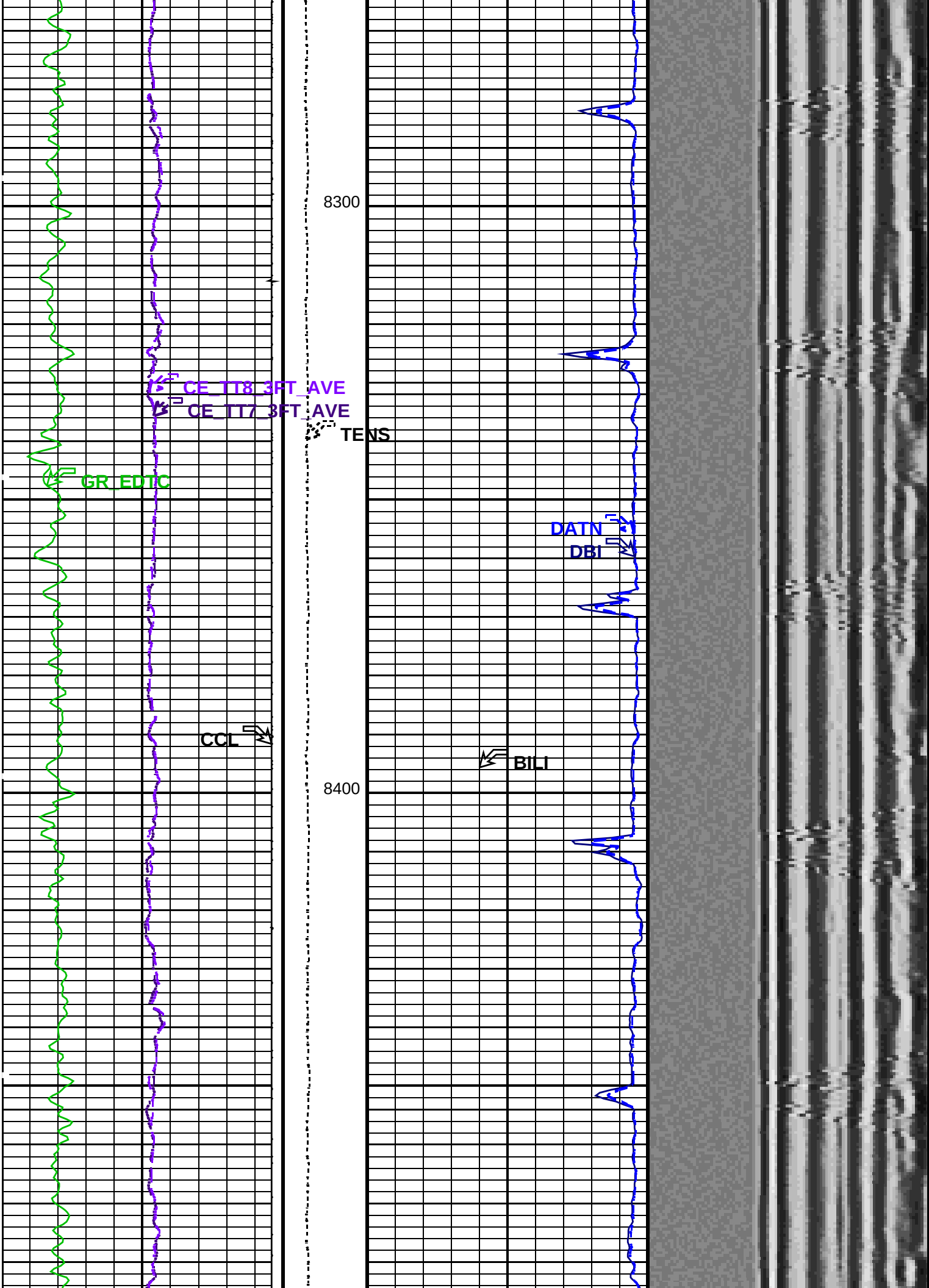
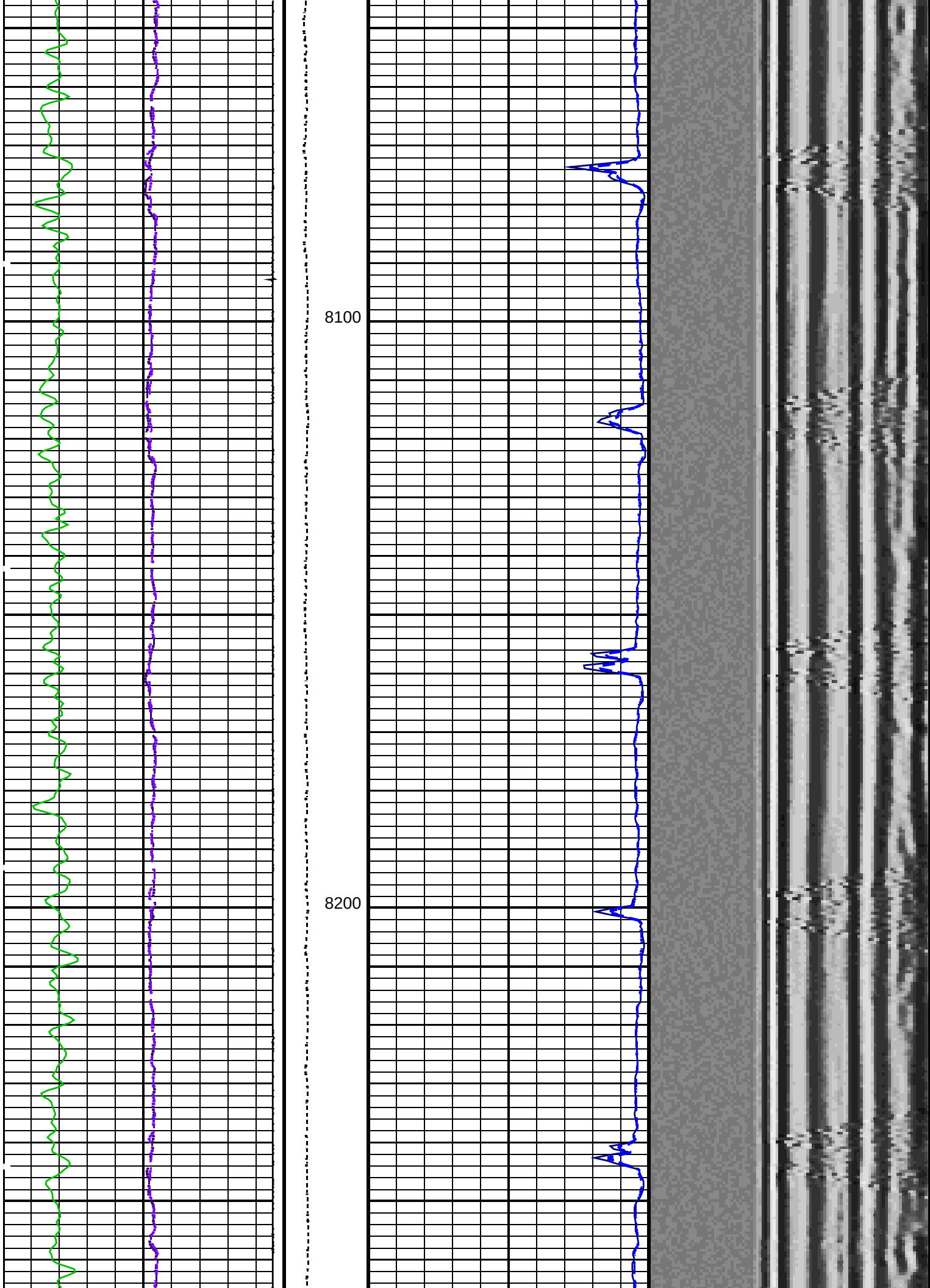

8300
CE_TT8_3FT_AVE
CE_TT7_3FT_AVE
TENS
GR_EDTC
DATN
DBI
CCL
BILI
8400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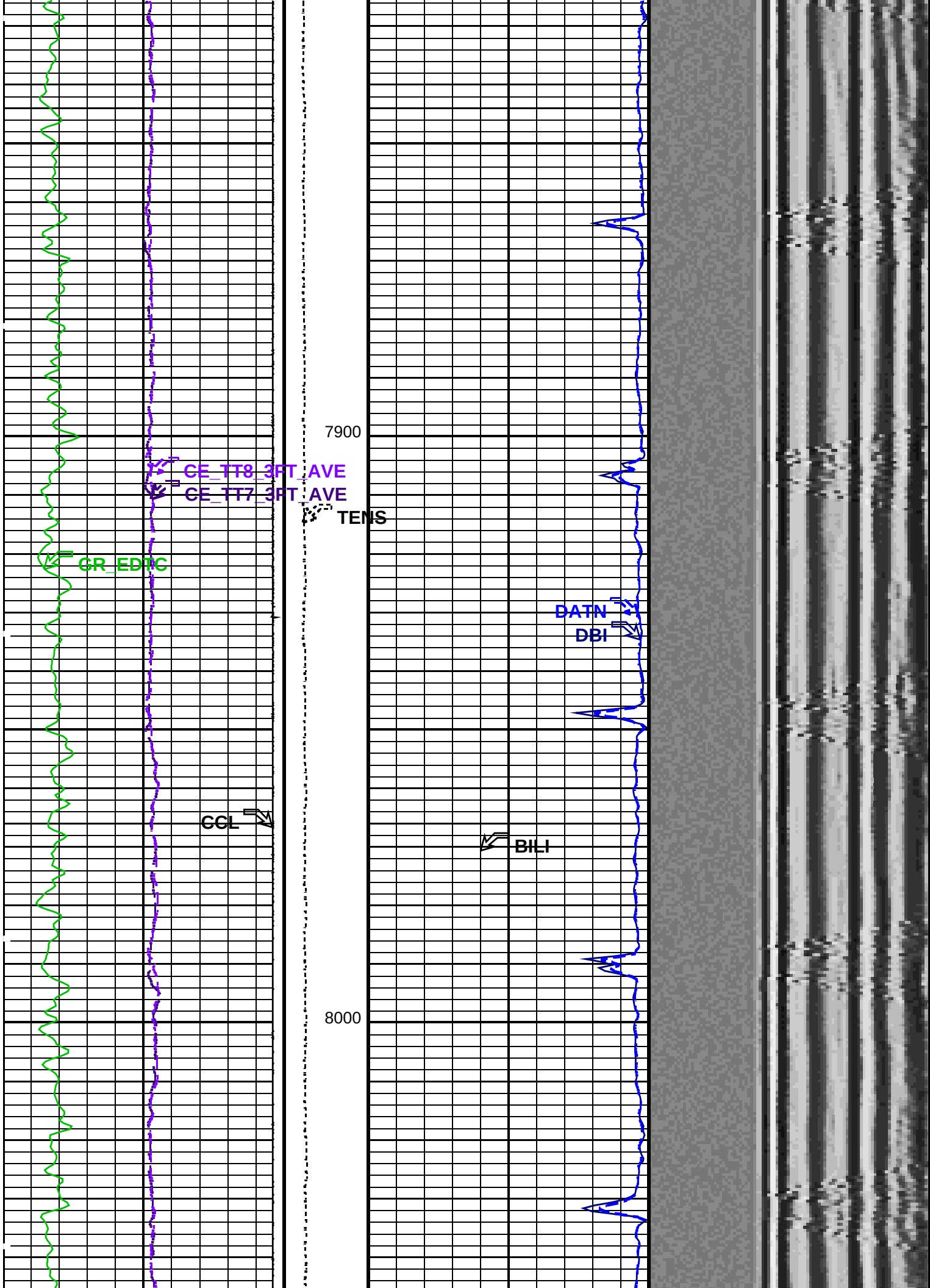
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CE_TT7_3FT_AVE
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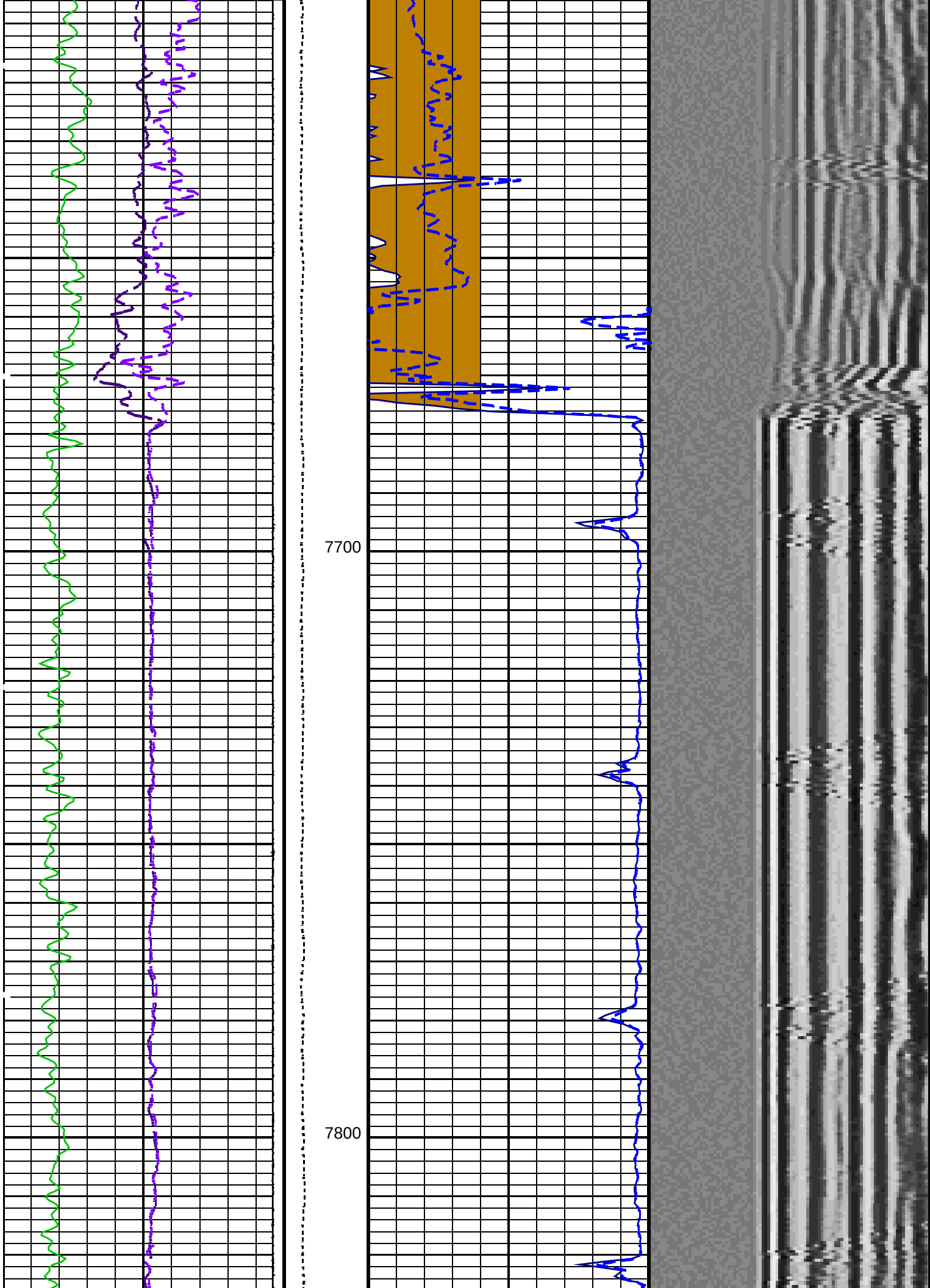
GR_EDTC
DATN
DBI
CCL
BILI
8000


7700
7800

Company: BP Deepwater GoM Nakika Fourier field | Well: OCS G 32306 002 ST00BP0

Input DLIS Files

BACKUP	MAPC_016LUP	FN:20	PRODUCER	21-Jun-2010 13:05	9680.0 FT	7532.0 FT

Output DLIS Files

DEFAULT	MAPC_020PUP	FN:24	PRODUCER	21-Jun-2010 13:59	9680.0 FT	7532.0 FT

OP System Version: 17C0-154

CAL-Y	17C0-154	MAPC-B	SKK-3934-MAST
EDTC-B	SKK-3882-EDTCB	ECRD	SRPC-3971-Q1_2010_OP17

PIP SUMMARY

Time Mark Every 60 S

Transit Time 3FT (CE_TT8_3FT_AVE)
600 (US) 400

Transit Time 3FT (CE_TT7_3FT_AVE)
600 (US) 400

Gamma Ray (GR_EDTC)
0 (GAPI) 80

Casing Collar Locator (CCL)
-19 (----) 1

Radioactive Marker

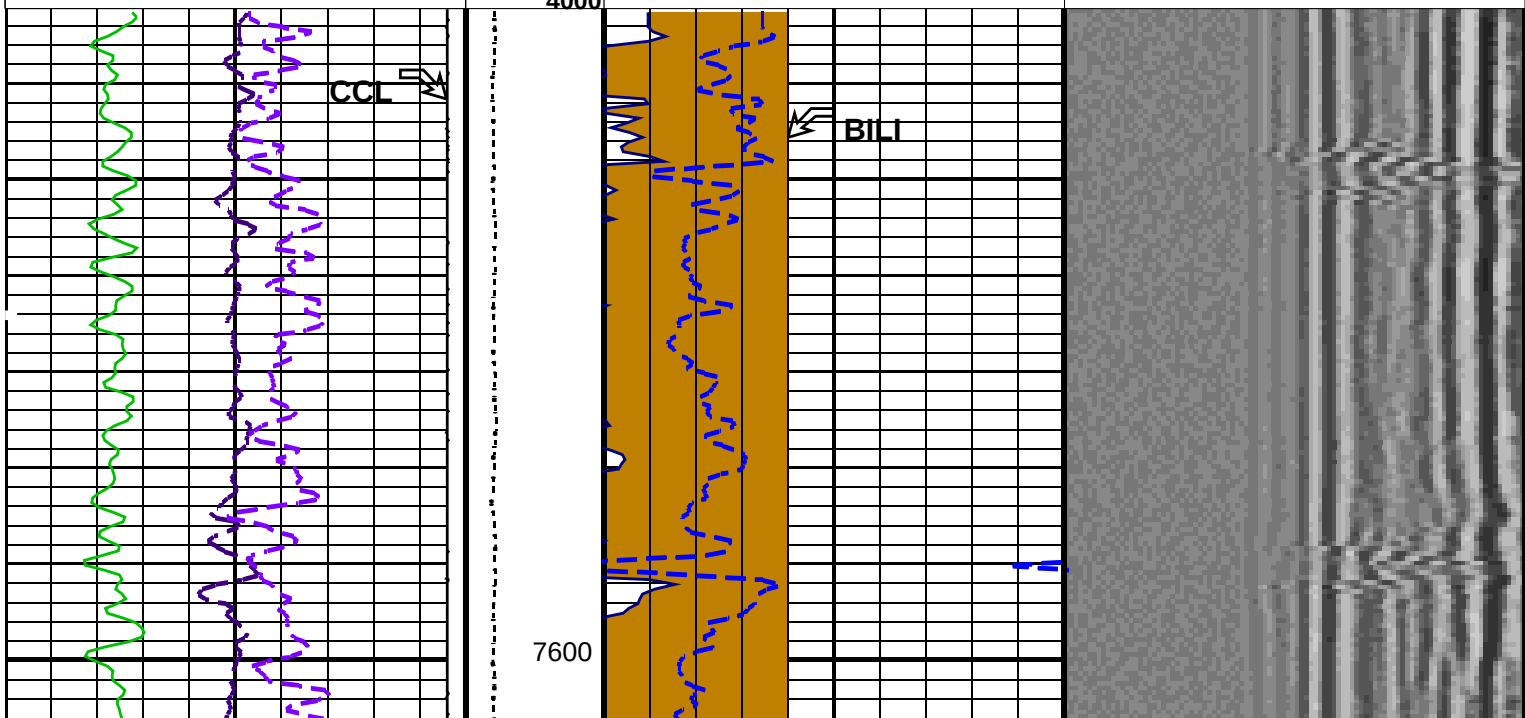
Collars

Tension (TENS) (LBF)
2000 4000

>60% Bond

Discriminated Attenuation (DATN)
10 (DB/F) 0

Discriminated Bond Index (DBI)
1 (----) 0

Min Amplitude Max

VDL Variable Density (VDL)
200 (US) 1200