Schlumberger

GEOFRAME
PROCESSED
INTERPRETATION

BestDT*
sonicVision Processing

3632m - 4013m (1/200)

*A Mark of Schlumberger

Using the following logs: sonicVision

COMPANY: ESSO Australia
WELL: FTA A12A
FIELD: Fortescue
Rig: ISDL 175
STATE: Victoria
COUNTRY: Australia
Date Logged: 31-Mar-2007
Well Location: Bass Strait

Date Processed: 02-Apr-2007

FOLD HERE

The well name, location and borehole reference data were furnished by the customer.

Field Recording:		Software Version: 12C0-302	Engineer: MYT/MA/CH
Office Recording:	ICS Center: Melbourne	Baseline: GF 4.3 DC2	Log Analyst: A. Datey

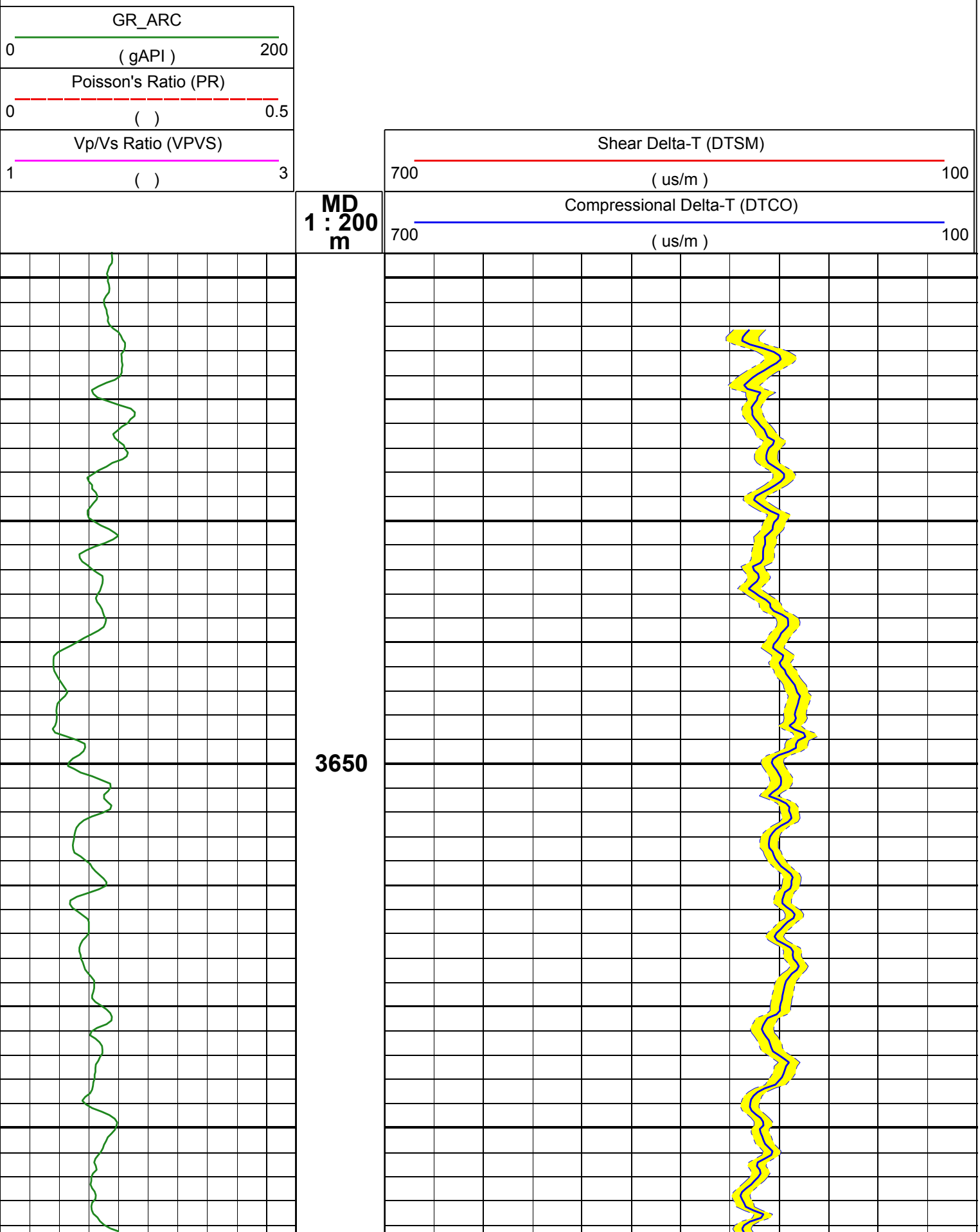
Mud and Borehole Measurements:

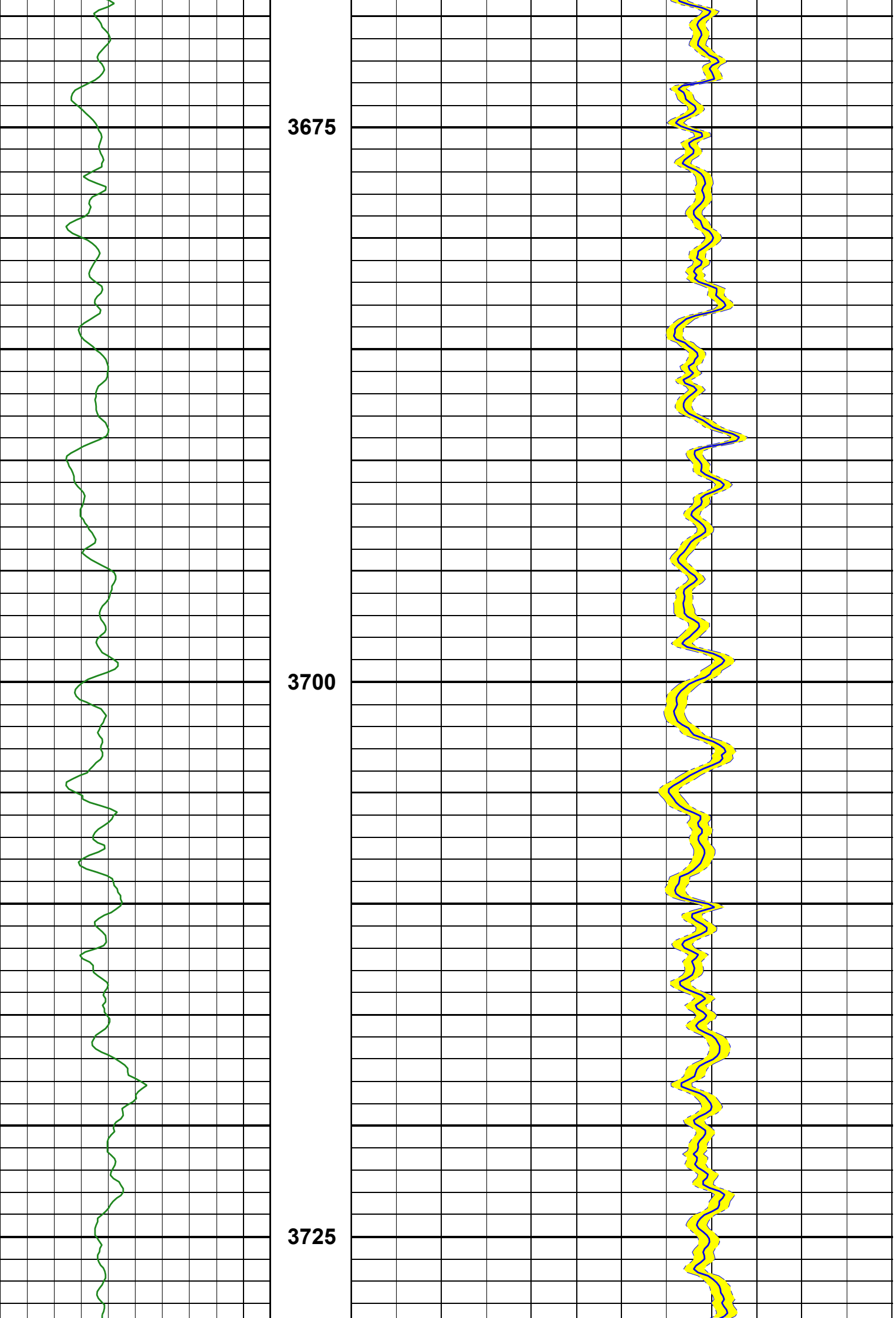
		Bitsize: 8.5in
	Type Fluid in Hole:	ACCOLADE
	Mud Density: 1.25818g/cm3	

Remarks:

DT Compressional processed using 10KHz-16KHz filter.
DT Shear processed using 5KHz-11KHz filter.
See bottom of the QC Log for more parameters.
Due to dilling noise the data from 3630m - 3875m has poor coherence.

Processing Results

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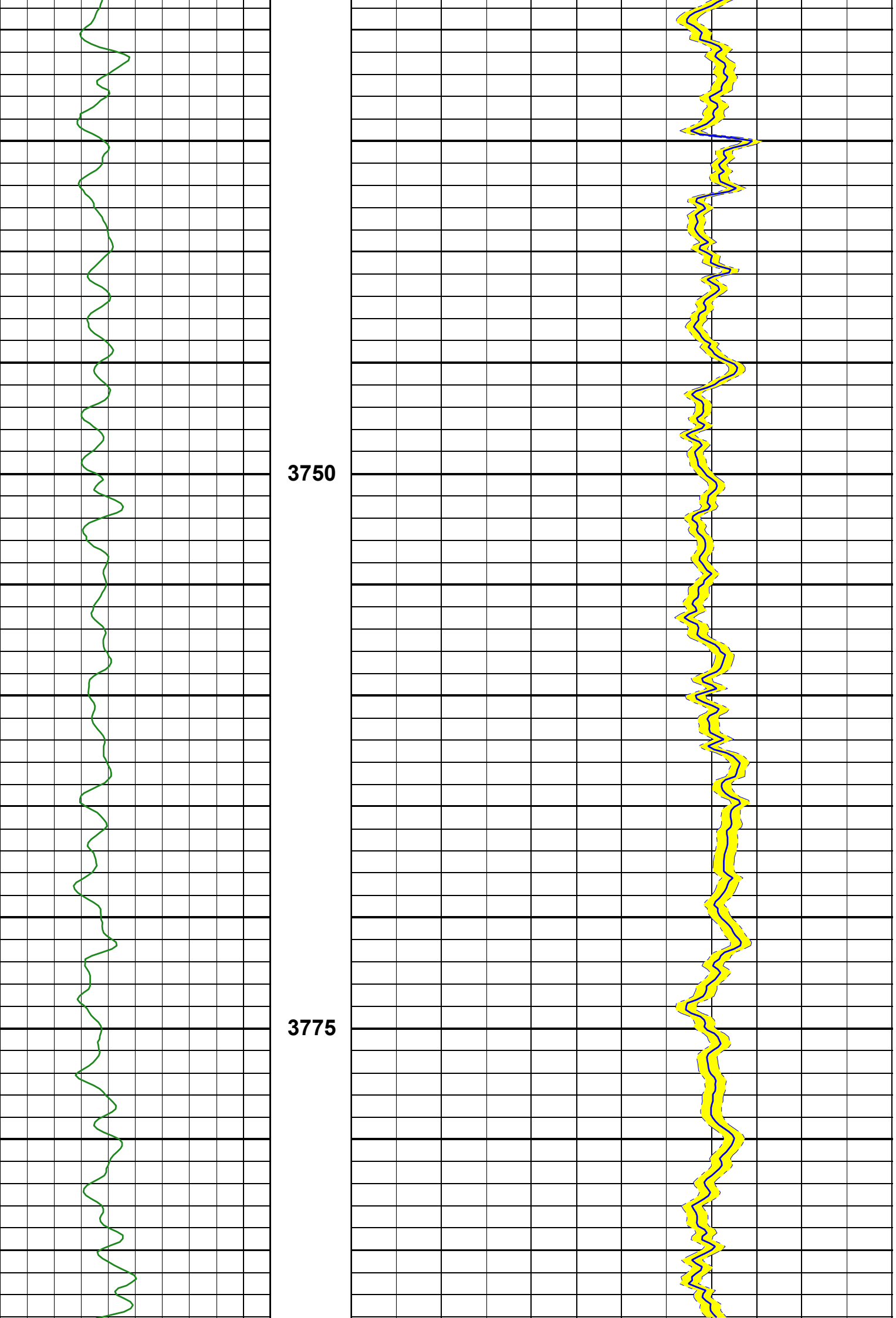
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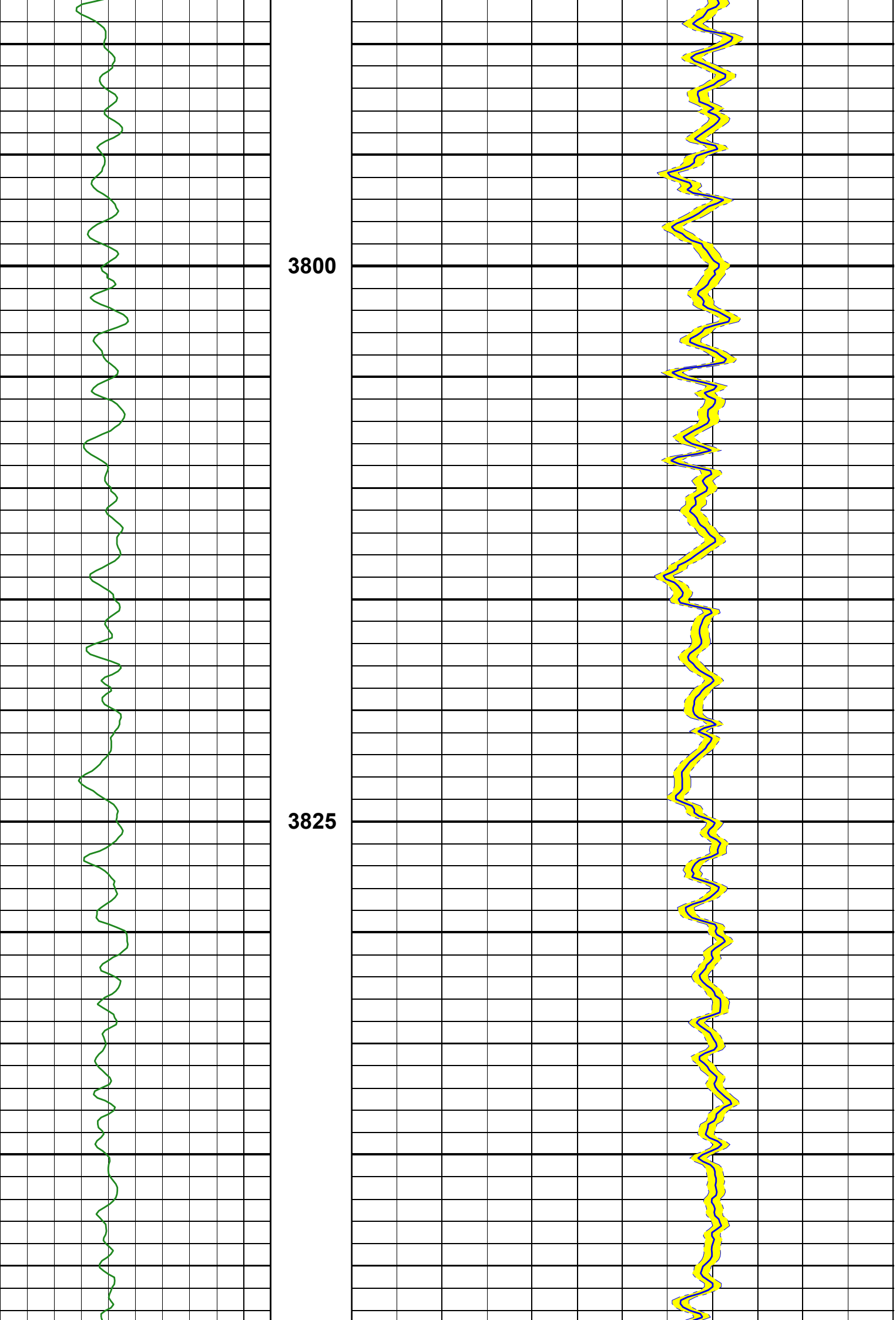
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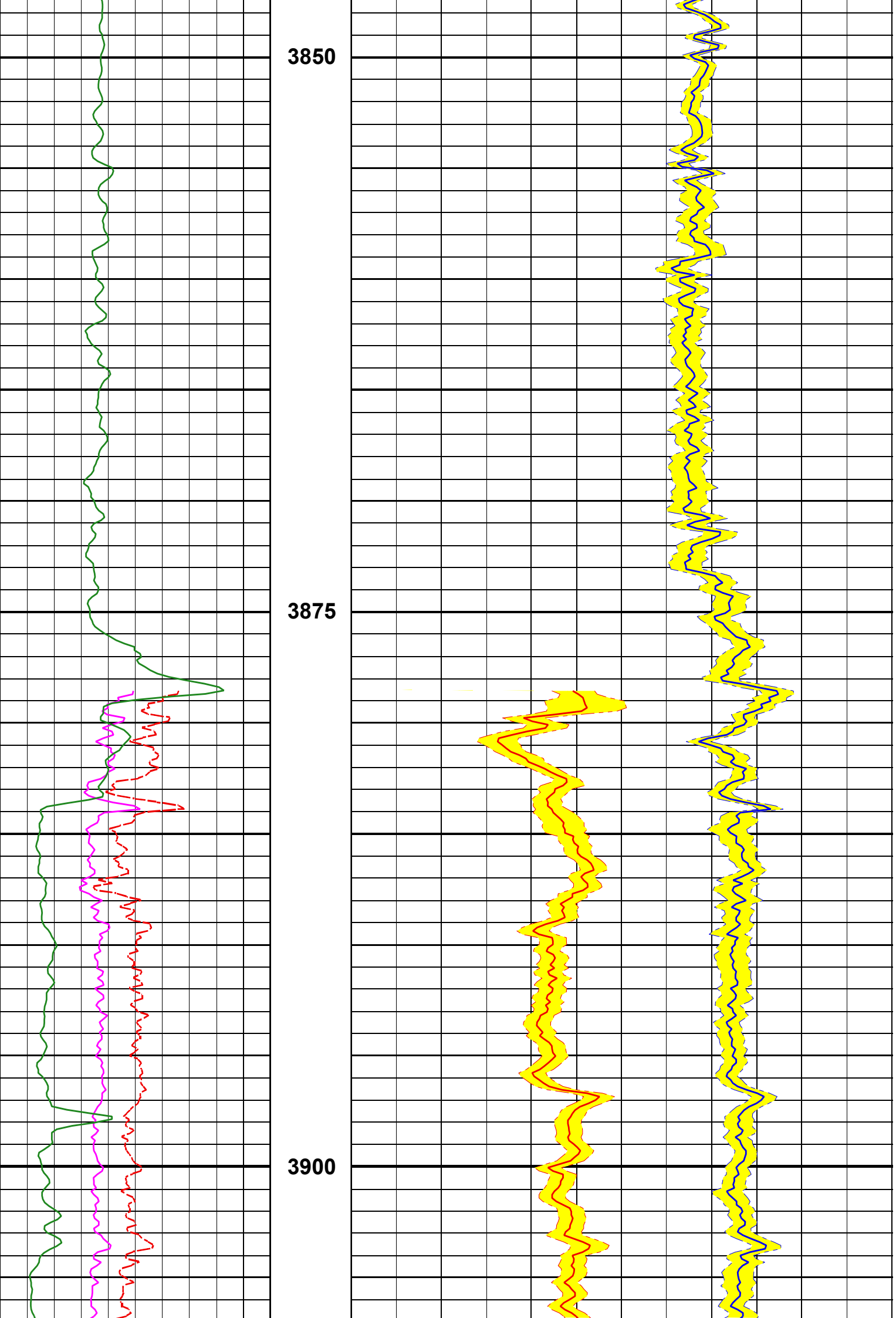
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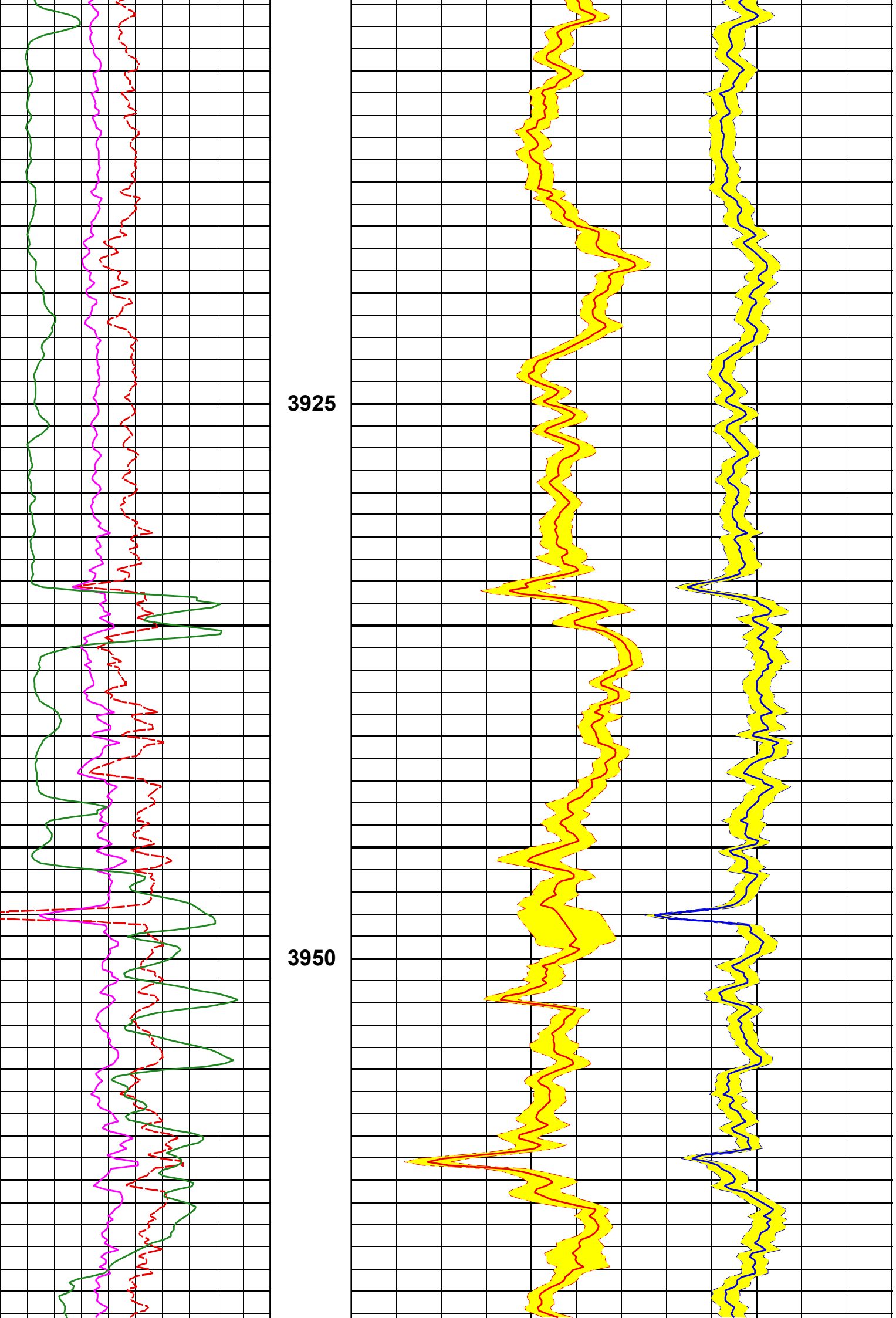
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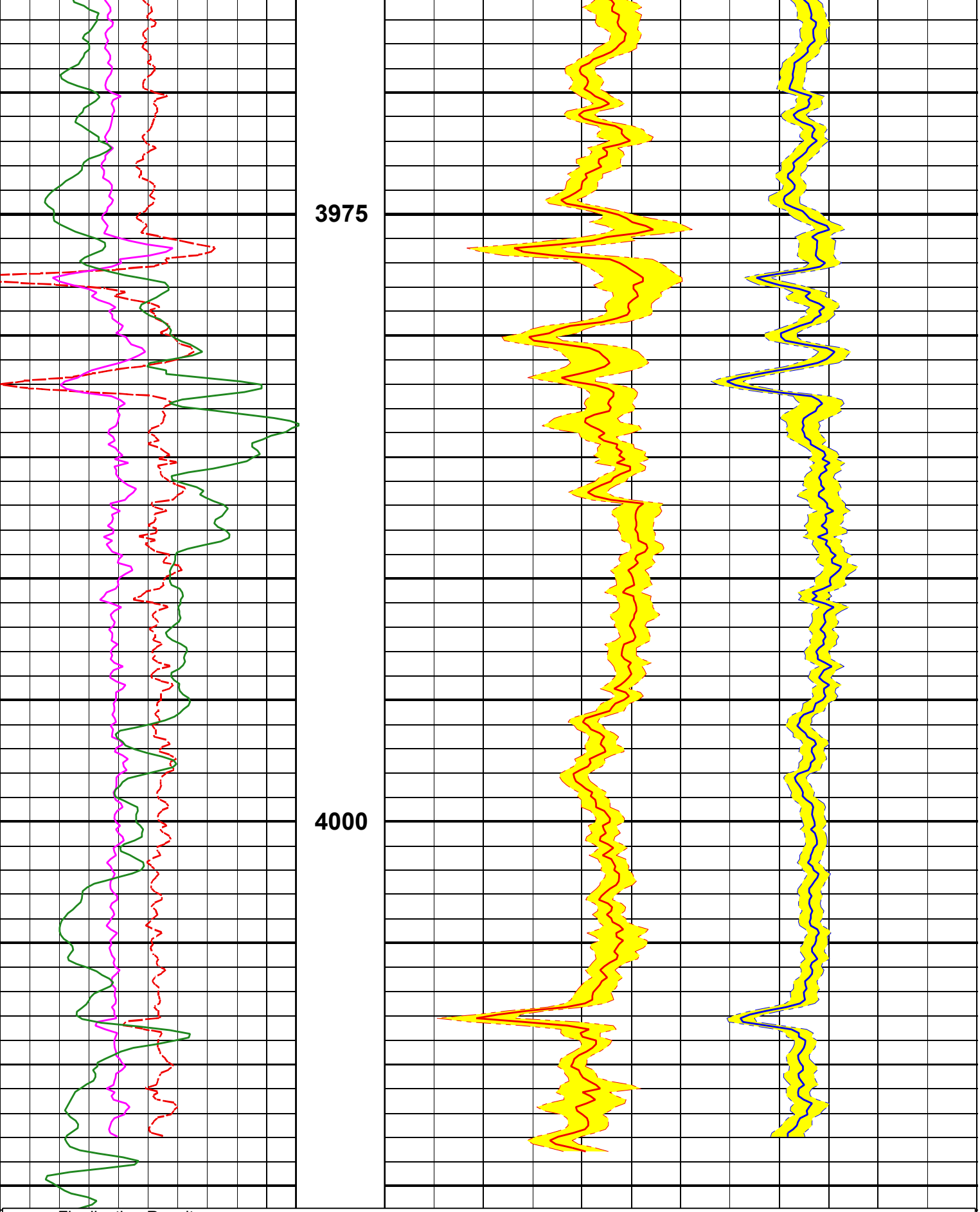
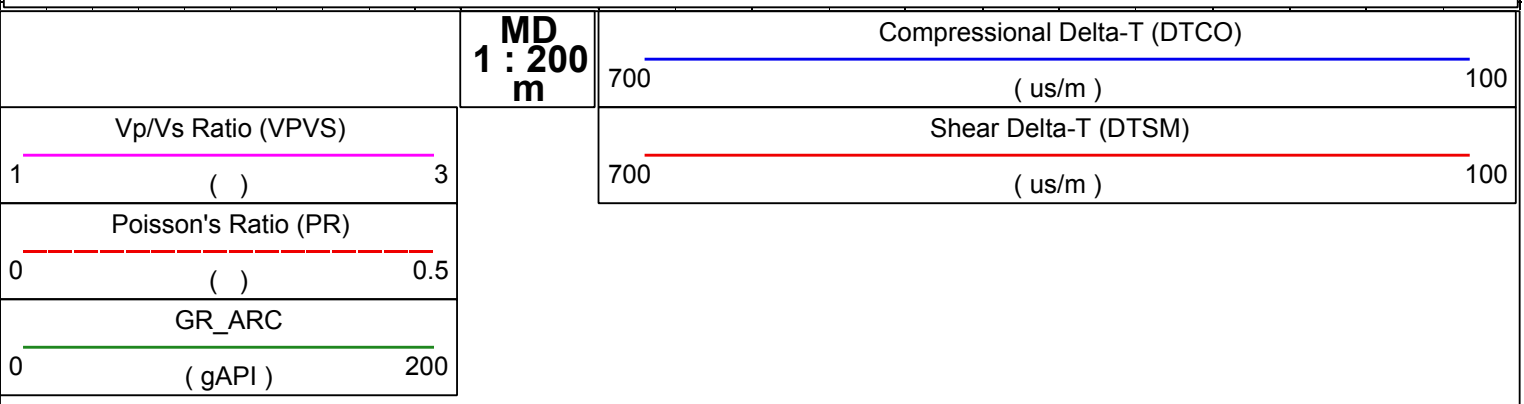
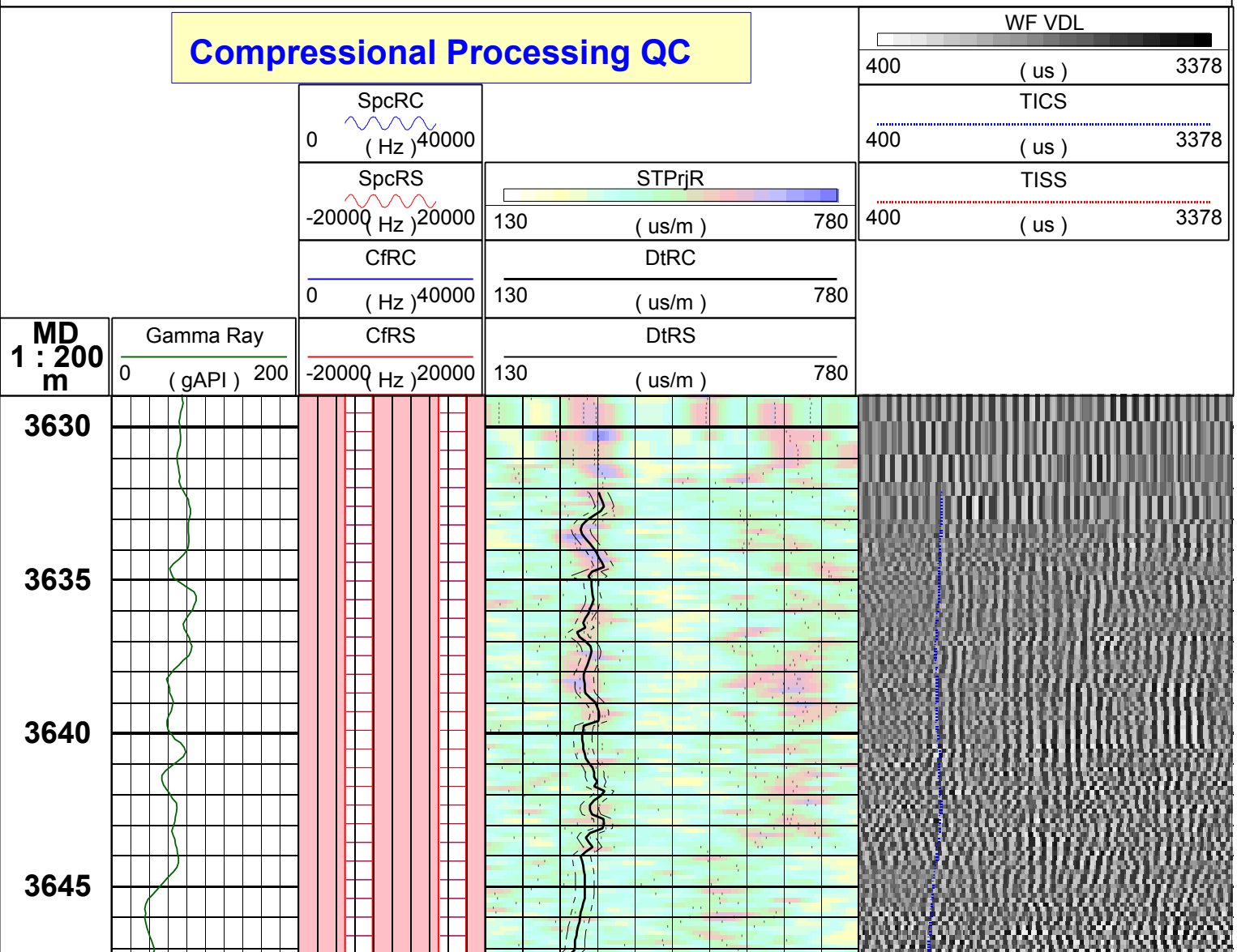


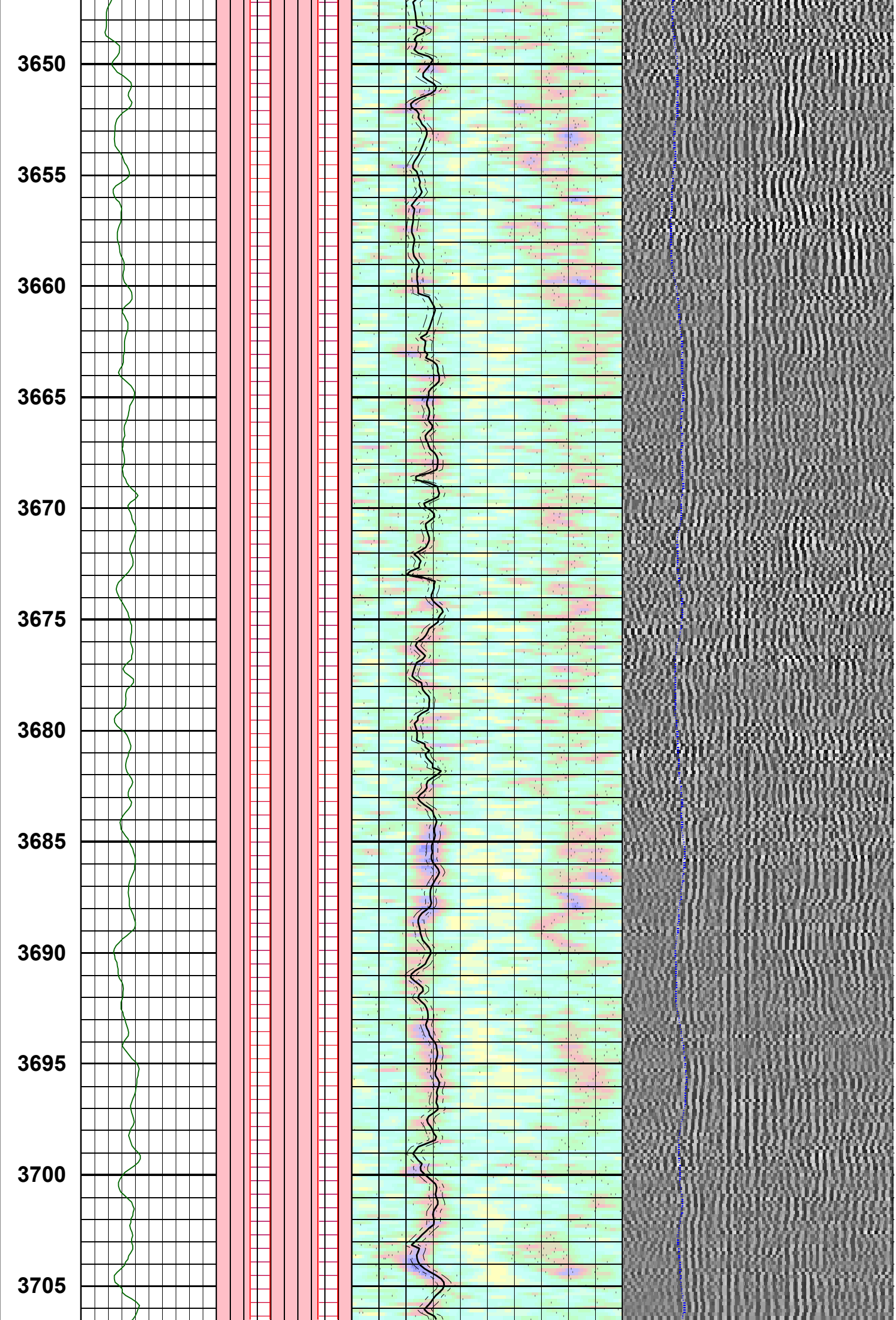
--- Finalization Result ---

1 MPS Compressional	Receiver	Absent levels= 219
1 MPS Compressional	Transmitter	Absent levels= 249
2 MPS Compressional	Receiver	Absent levels= 2478
2 MPS Compressional	Transmitter	Absent levels= 2497
1 MPS Shear	Receiver	Absent levels= 2706
1 MPS Shear	Transmitter	Absent levels= 2702
2 MPS Shear	Receiver	Absent levels= 1648
2 MPS Shear	Transmitter	Absent levels= 1656

1 MPS Compressional DDBHC Absent levels= 226 *Selected*
2 MPS Compressional DDBHC Absent levels= 2498
1 MPS Shear DDBHC Absent levels= 2726
2 MPS Shear DDBHC Absent levels= 1611 *Selected*



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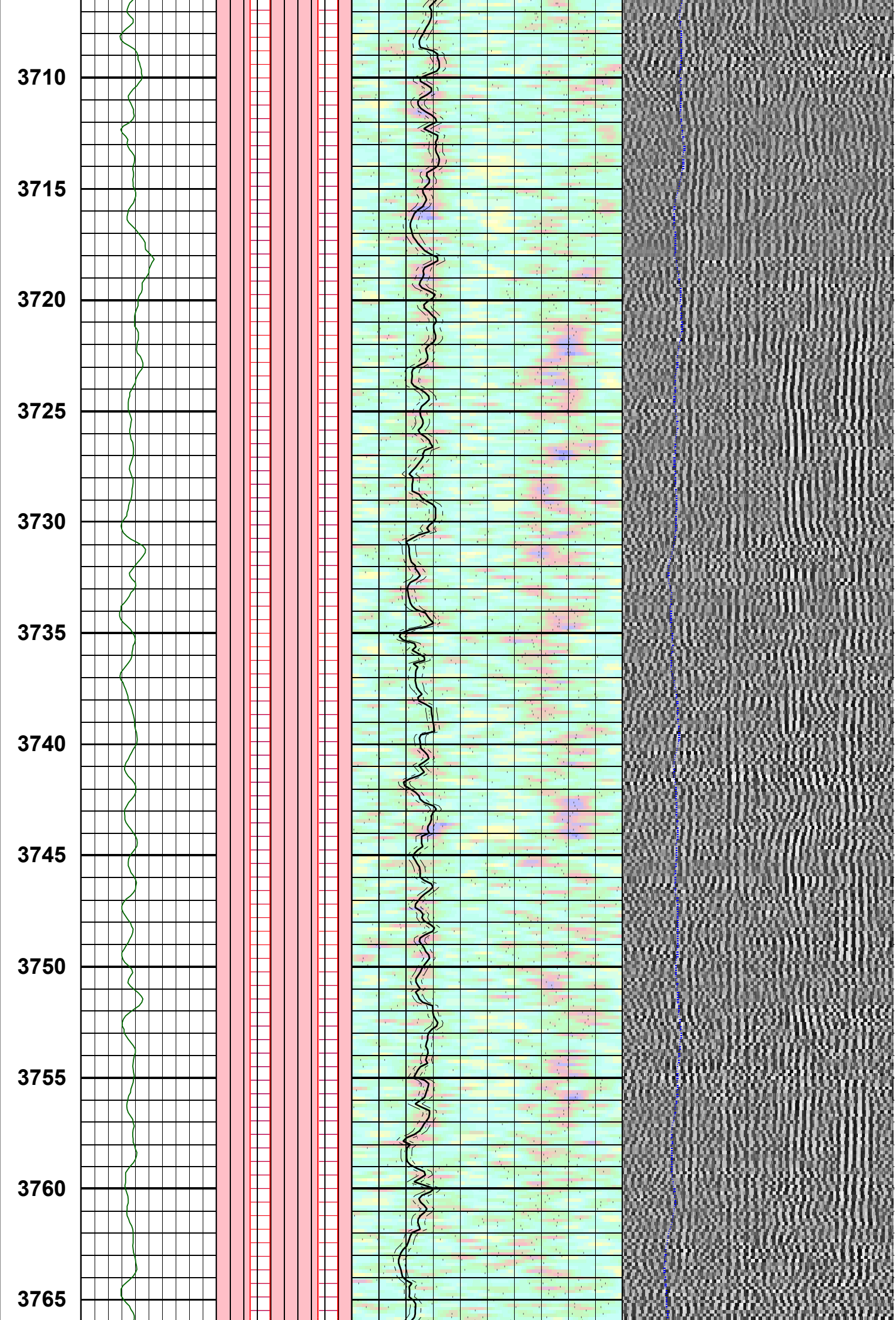
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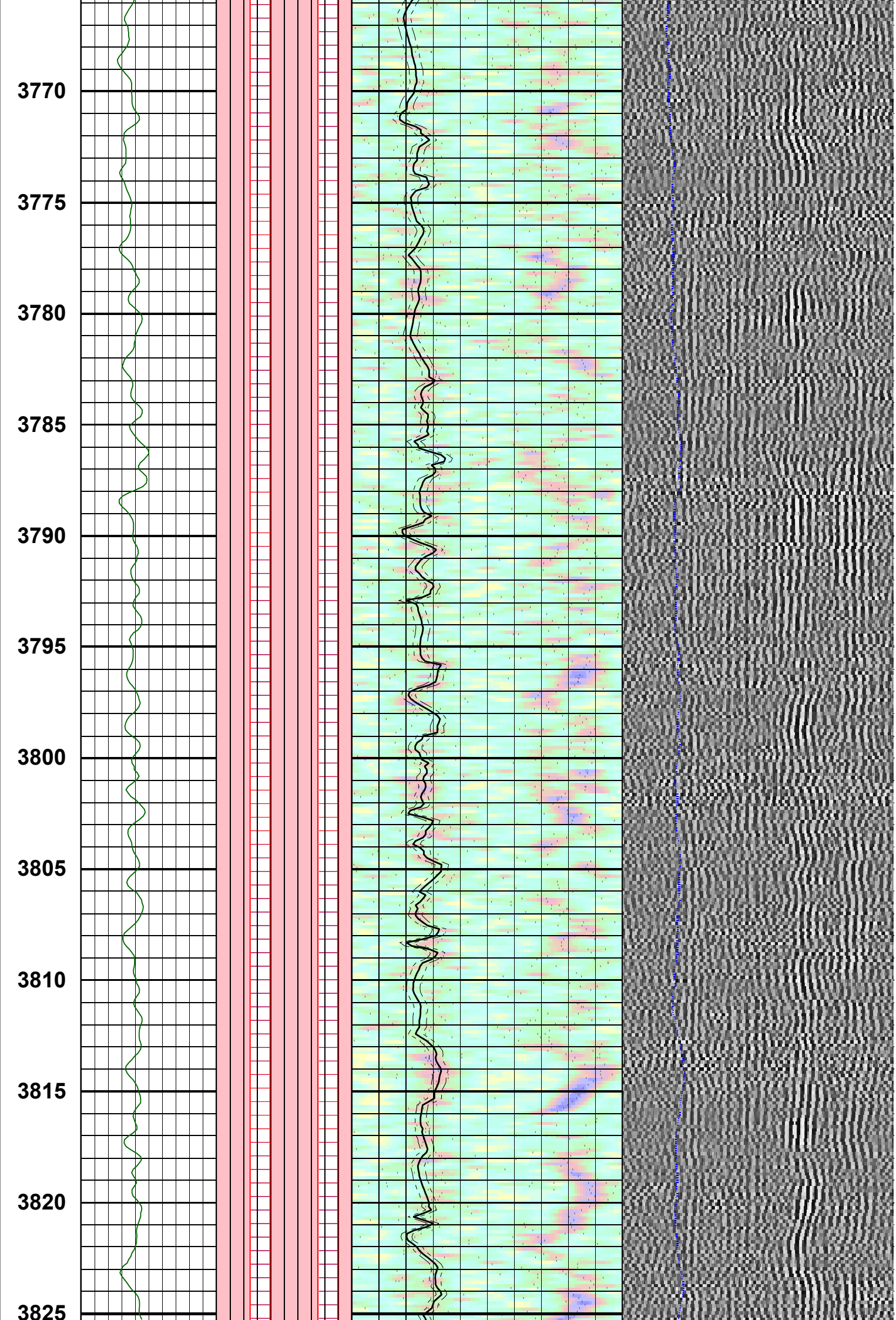
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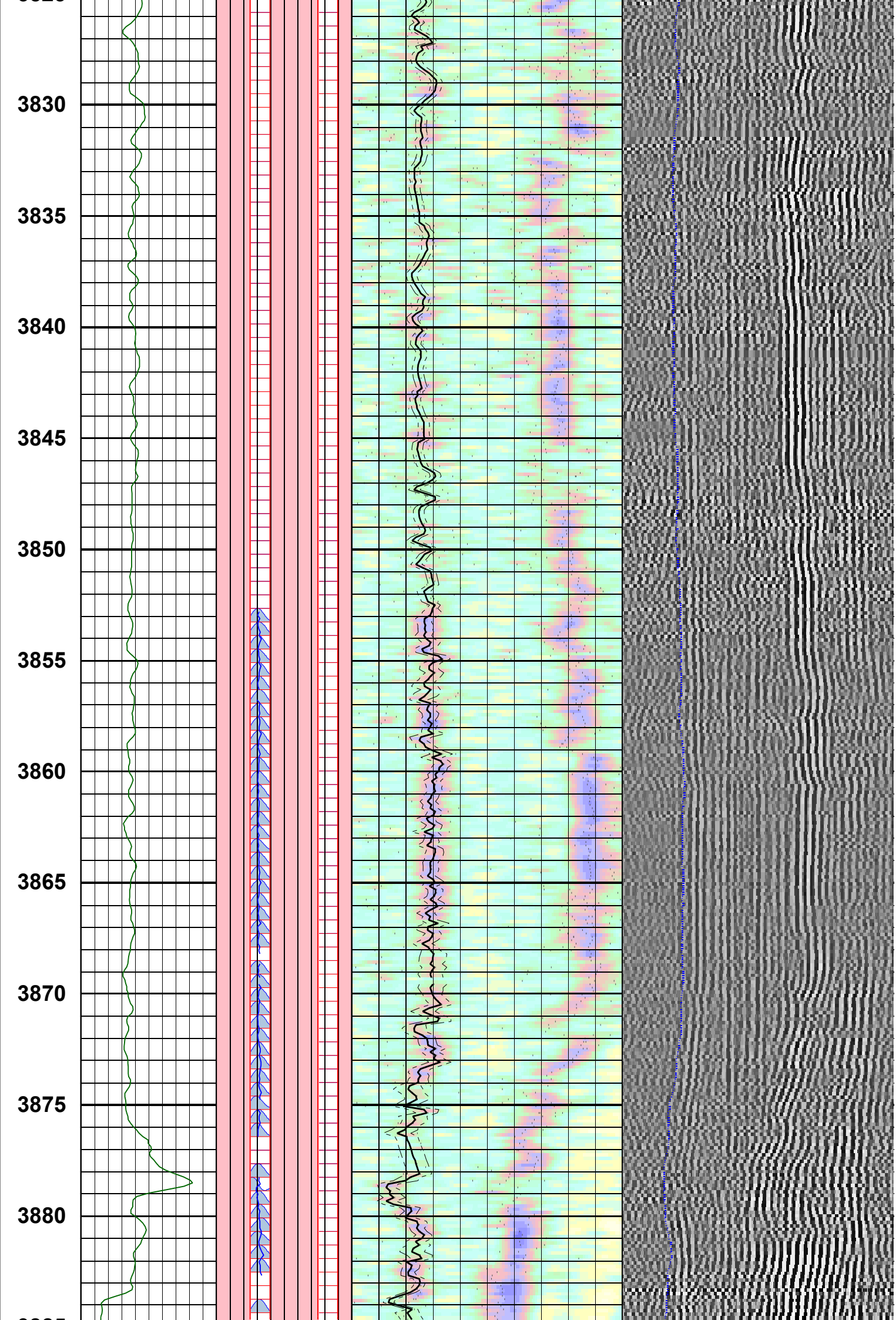
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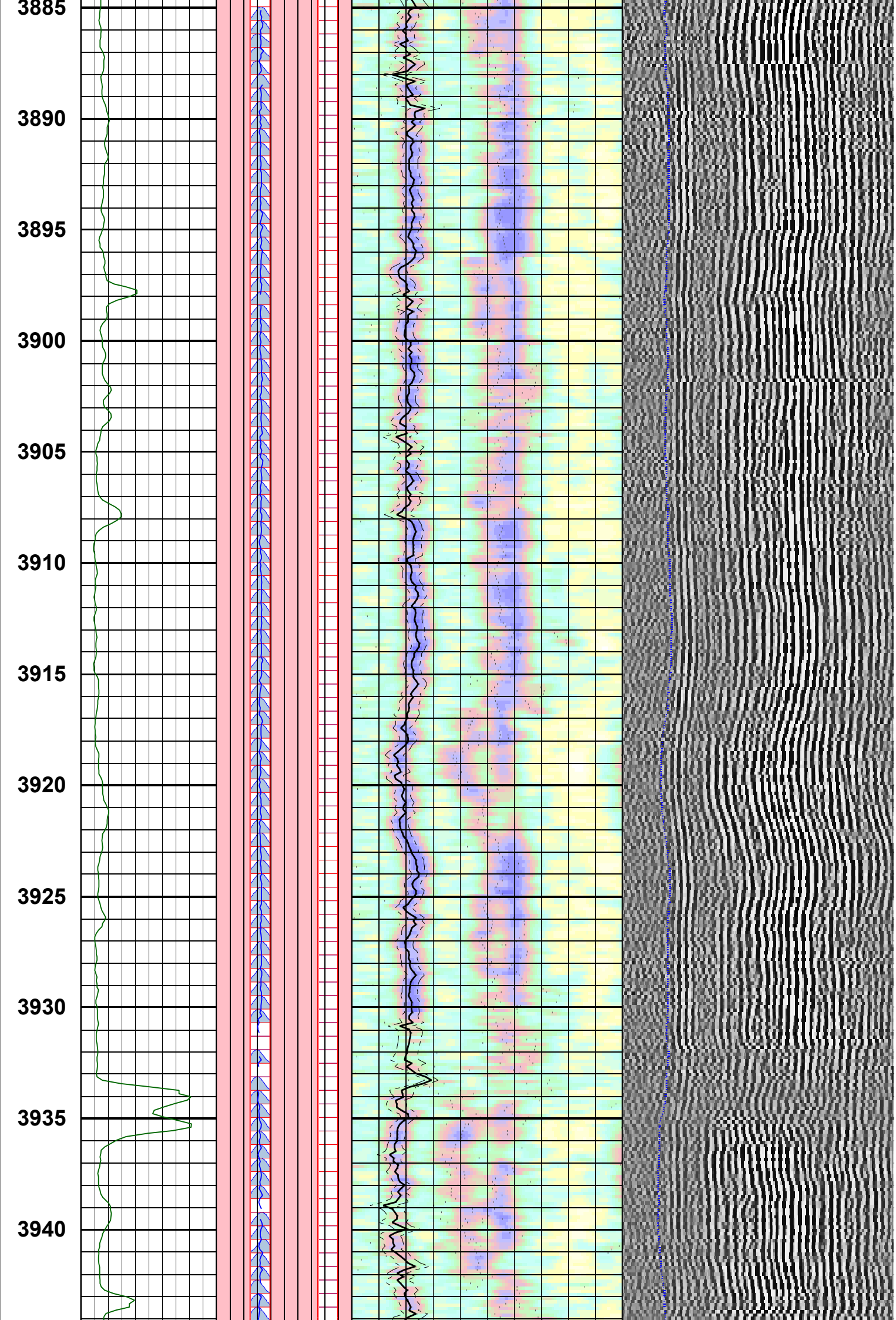
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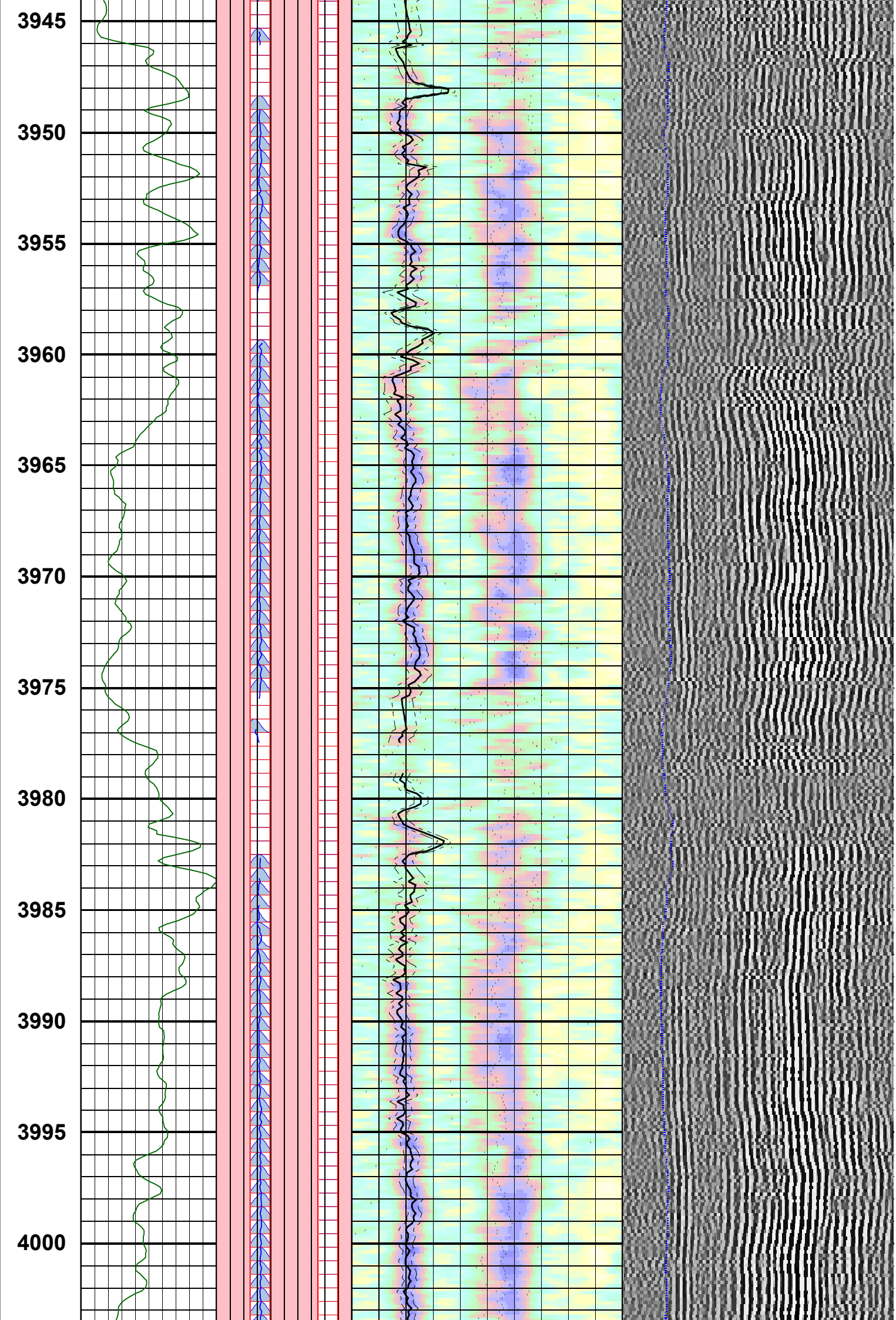
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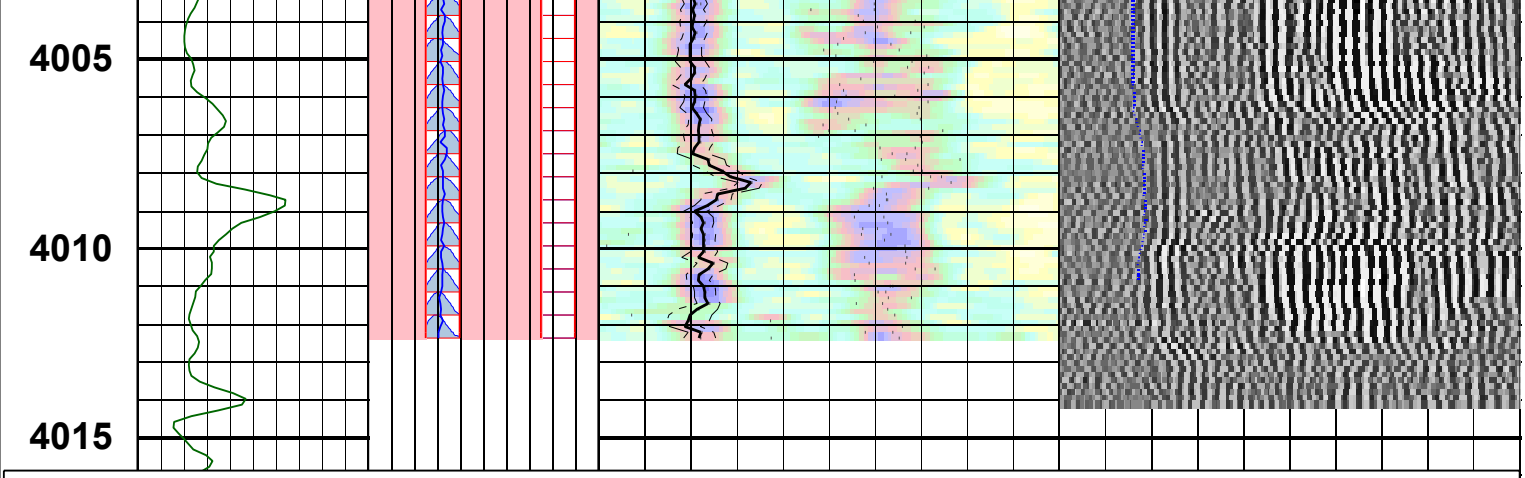


Customized Process: Start Depth (4015.39 m), Stop Depth (3600.14 m), Logging Mode (ISONIC - MPS_WIDE)
Noise Cut Filtering(No), Casing Cut Filtering(No)
WF_FLG(1 1 1 1), MUD_TYPE(Slow OBM), DTMUD(787.402), STCAL(Full Array)
TRSPAC(3.00228), RRSPAC(0 0.2032 0.4064 0.6096)
Hole Diameter (no input)
Zoning Guide (DTBC@Run_5;1 (3599.99 - 4012.39 m))
Tracking Guide (no input)

--- Zone Top Depth (0), Zone Name (Zone1) ---
SFTY(Intermediate), BHS(OPEN), CSIZ(7), HDM(Fix*), HD(8.5)
TWI(238.281), SLL(130.294), SUL(918.571), SST(6.51469), TLL(400), TUL(3378.52), TST(39.7135)
SBW(1120), SBO(160), SWD(65.6168), TWD(840), SEM(0.45), FLENG(63), FLOW(10000), FHIGH(16000)
TKO_MODEL_ORDER(2), TKO_TOL(50) TKO_FLOW(0), TKO_FHIGH(12000)

MD 1 : 200 m

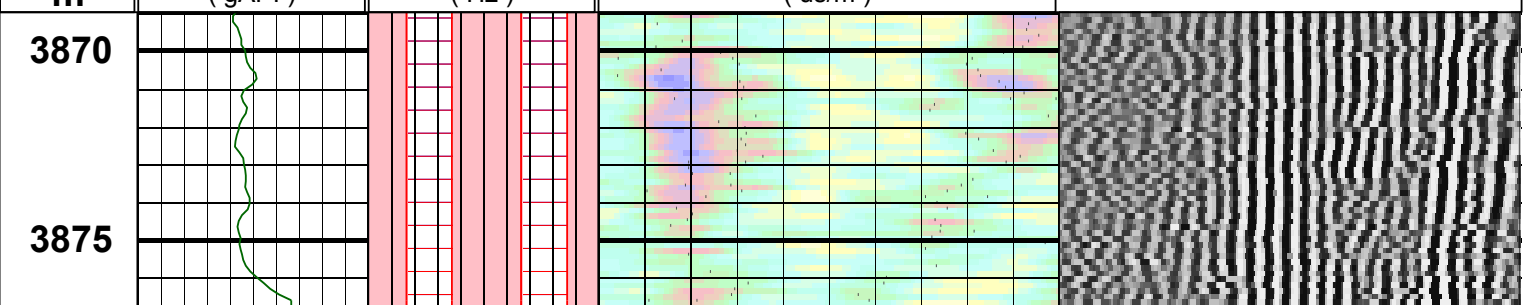
Gamma Ray 0 (gAPI) 200
CfRS -20000 (Hz) 20000
CfRC 0 (Hz) 40000
SpcRS -20000 (Hz) 20000
SpcRC 0 (Hz) 40000
DtRS 130 (us/m) 780
DtRC 130 (us/m) 780
STPrjR 130 (us/m) 780
TISS 400 (us) 3378
TICS 400 (us) 3378
WF VDL 400 (us) 3378

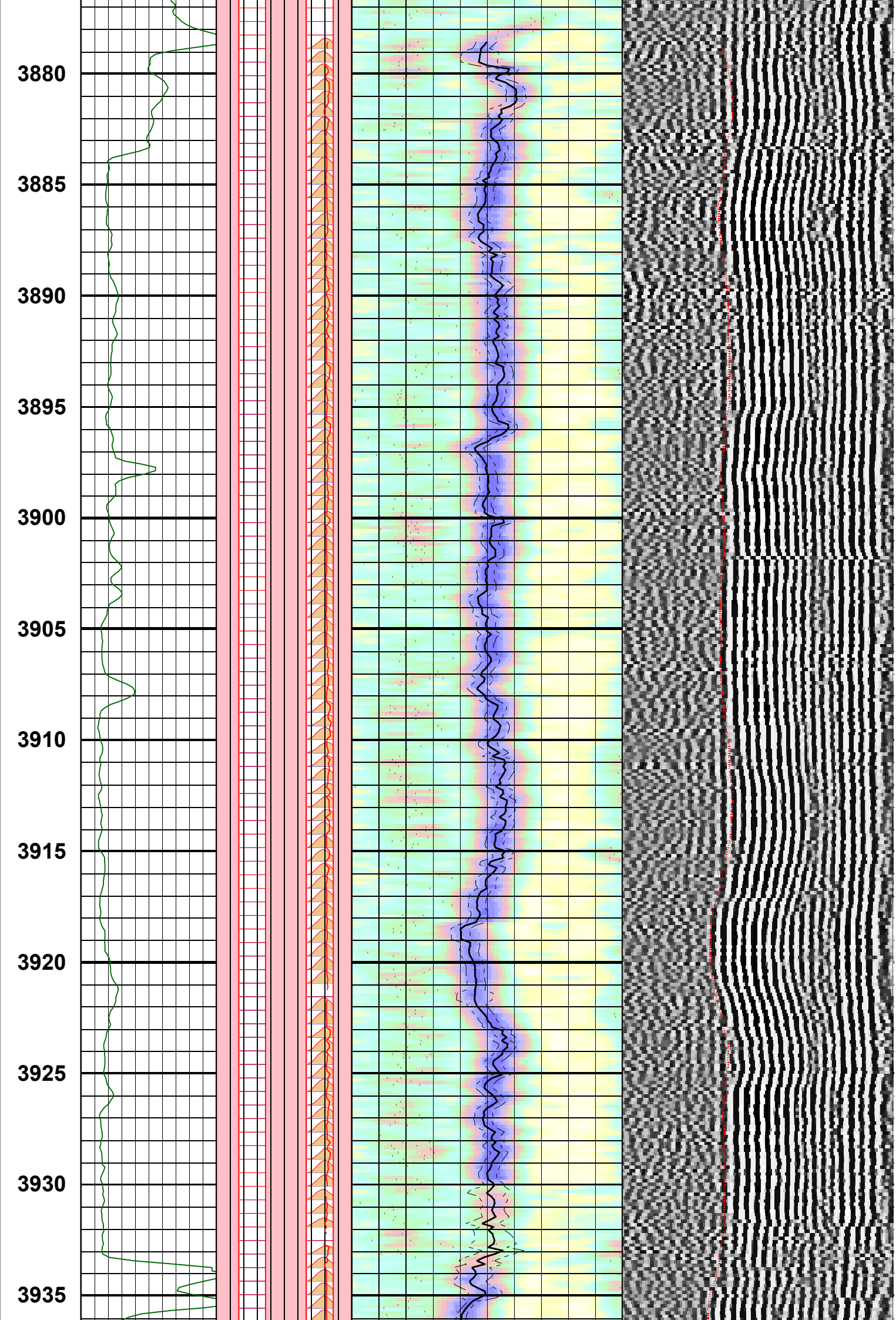
Shear Processing QC

WF VDL 400 (us) 3378
TICS 400 (us) 3378
TISS 400 (us) 3378
SpcRC 0 (Hz) 30000
SpcRS -15000 (Hz) 15000
STPrjR 130 (us/m) 780
CfRC 0 (Hz) 30000
DtRC 130 (us/m) 780
CfRS -15000 (Hz) 15000
DtRS 130 (us/m) 780

MD 1 : 200 m

Gamma Ray 0 (gAPI) 150

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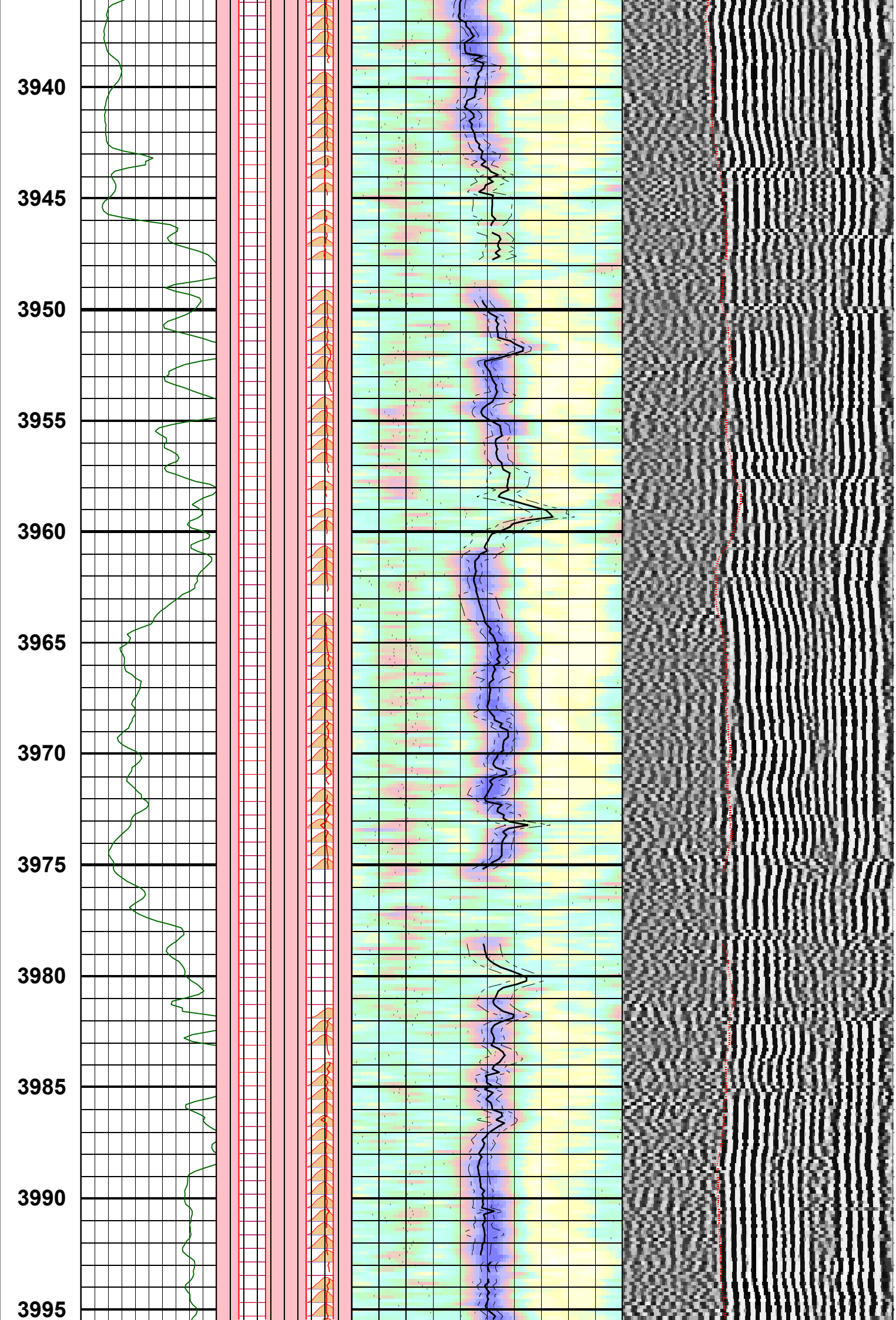
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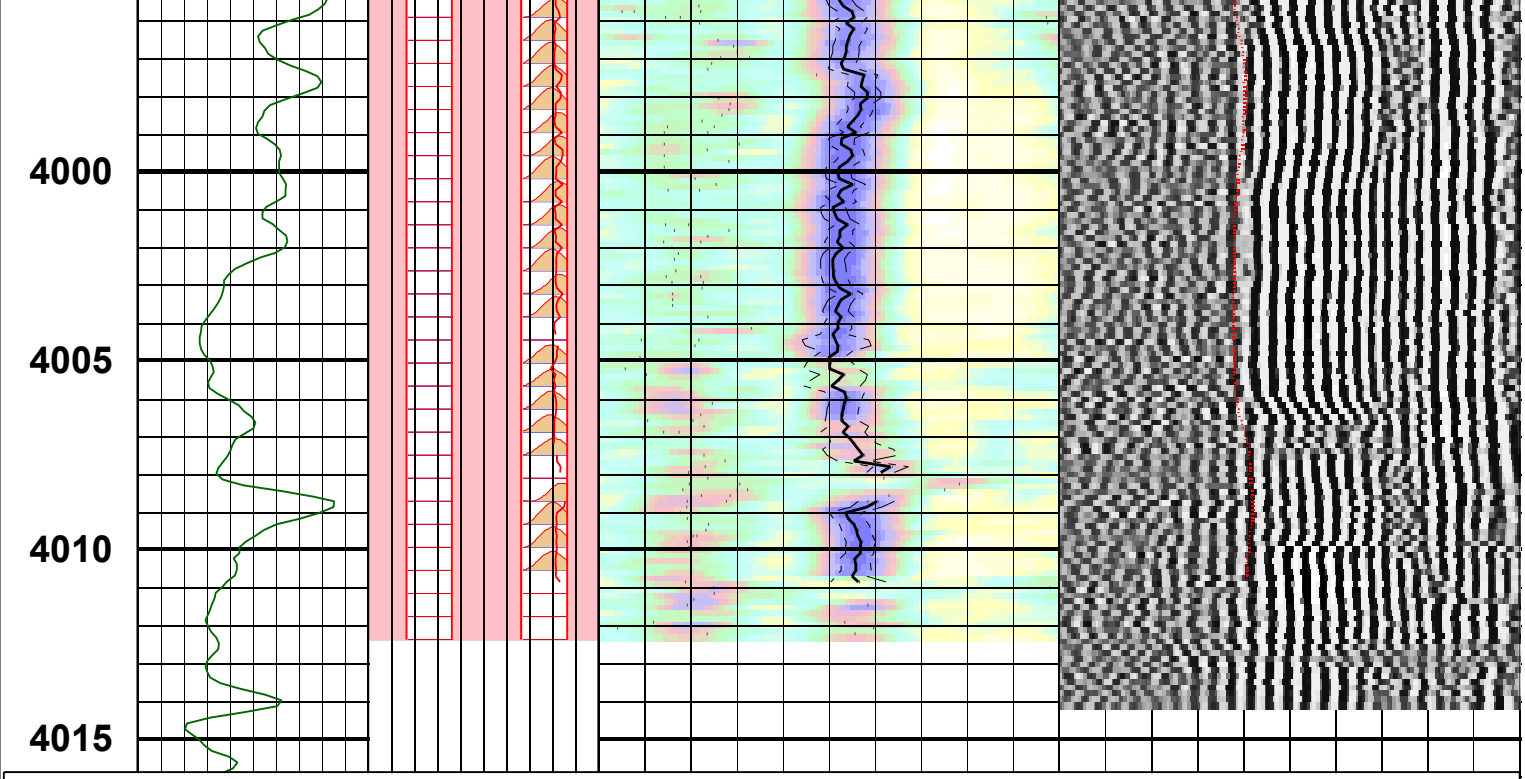

Customized Process: Start Depth (4015.39 m), Stop Depth (3634.89 m), Logging Mode (ISONIC - MPS_WIDE)
Noise Cut Filtering(No), Casing Cut Filtering(No)
WF_FLG(1 1 1 1), MUD_TYPE(Slow OBM), DTMUD(787.402), STCAL(Full Array)
TRSPAC(3.00228), RRSPAC(0 0.2032 0.4064 0.6096)
Hole Diameter (no input)
Zoning Guide (DTBC@Run_5;1 (3599.99 - 4012.39 m))
Tracking Guide (DTRP@BestDT-3;4 .CO .MPS_WIDE .ISONIC .Run_5 [S55851] .BDT .EDT (4012.39 - 3600.14 m))

--- Zone Top Depth (0), Zone Name (Zone1) ---
SFTY(Intermediate), BHS(OPEN), CSIZ(7), HDM(Fix*), HD(8.5)
TWI(238.281), SLL(132.62*), SUL(921.363*), SST(6.98002*), TLL(400), TUL(3378.52), TST(39.7135)
SBW(1120), SBO(360*), SWD(65.6168), TWD(840), SEM(0.45), FLENG(63), FLOW(5000*), FHIGH(11000*)
TKO_MODEL_ORDER(2), TKO_TOL(50) TKO_FLOW(0), TKO_FHIGH(12000)

MD 1 : 200 m	Gamma Ray	CfRS	DtRS	
	0 (gAPI) 150	-15000 (Hz) 15000	130 (us/m) 780	
		CfRC	DtRC	
		0 (Hz) 30000	130 (us/m) 780	
		SpcRS	STPrjR	TISS
		-15000 (Hz) 15000	130 (us/m) 780	400 (us) 3378
		SpcRC		TICS
		0 (Hz) 30000		400 (us) 3378
				WF VDL
				400 (us) 3378

Company:	ESSO Australia
Well:	FTA A12A
FIELD:	Fortescue
Rig:	ISDL 175
STATE:	Victoria
Date Logged:	31-Mar-2007
Date Processed:	02-Apr-2007
Well Location:	Bass Strait

Schlumberger