

Schlumberger

**GEOFRAME
PROCESSED
INTERPRETATION**

BestDT* sonicVision Processing

2867m - 3012m (1/200)

*A Mark of Schlumberger

Using the following logs: sonicVision

COMPANY: ESSO Australia Pty Ltd
WELL: FTA A17A
FIELD: Fortescue
RIG: ISDL 175
STATE: Victoria
COUNTRY: Australia
Date Logged: 16-Sep-2007 Date Processed: 17-Sep-2007
Well Location: Bass Strait

Elevations: KB: 42.5m DF: 42.5m GL: -69m

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

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretations made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

Field Recording:	Location:	Software Version: 12C0-302	Engineer: MYT/MA/ML
Office Recording:	ICS Center:	Baseline: GF 4.3 DC3	Log Analyst: A. Datey
Mud and Borehole Measurements:			
		Bitsize: 8.5in	
		Type Fluid in Hole:	Accolade SBM
		Mud Density: 1.27615g/cm3	

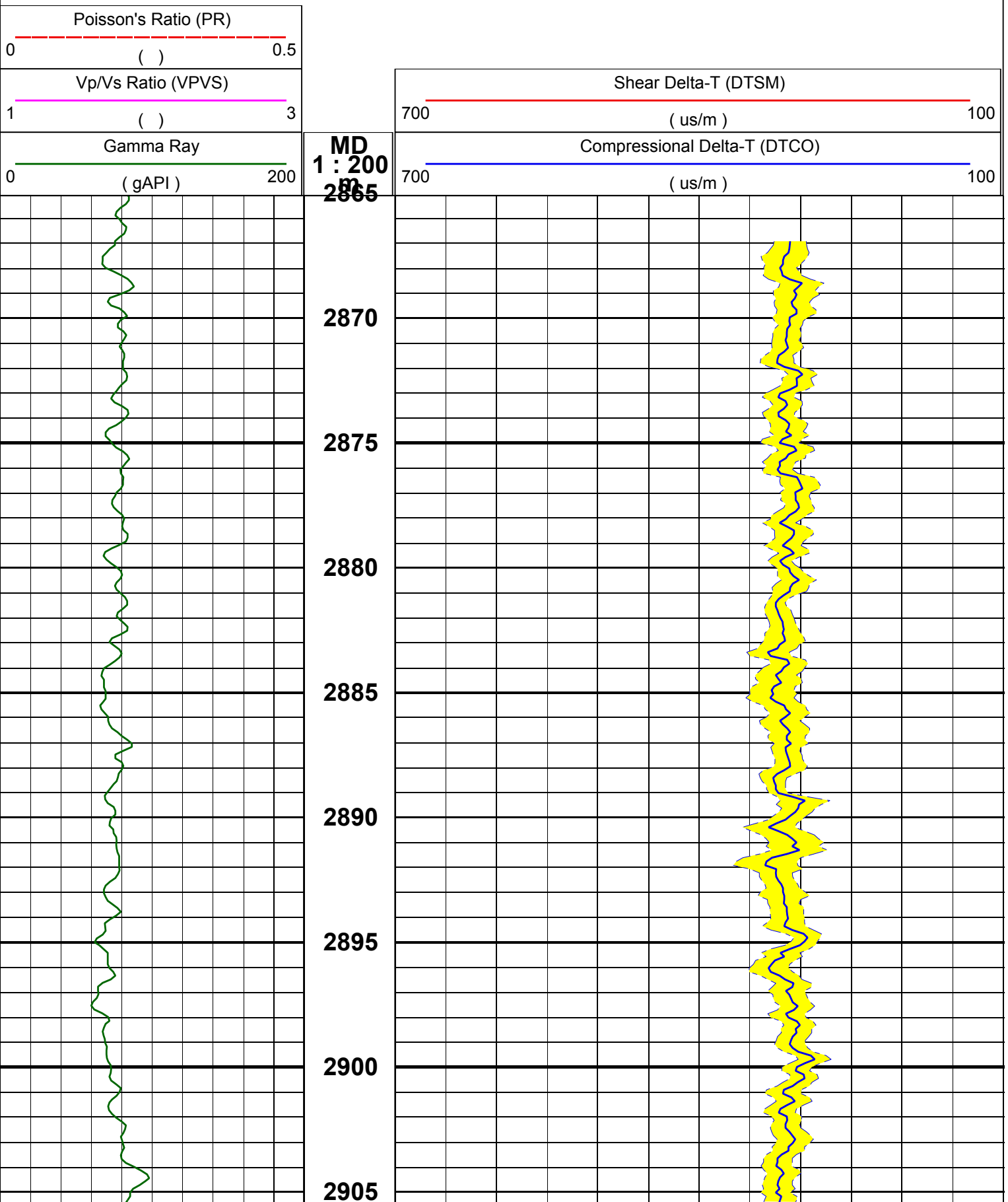
Remarks:

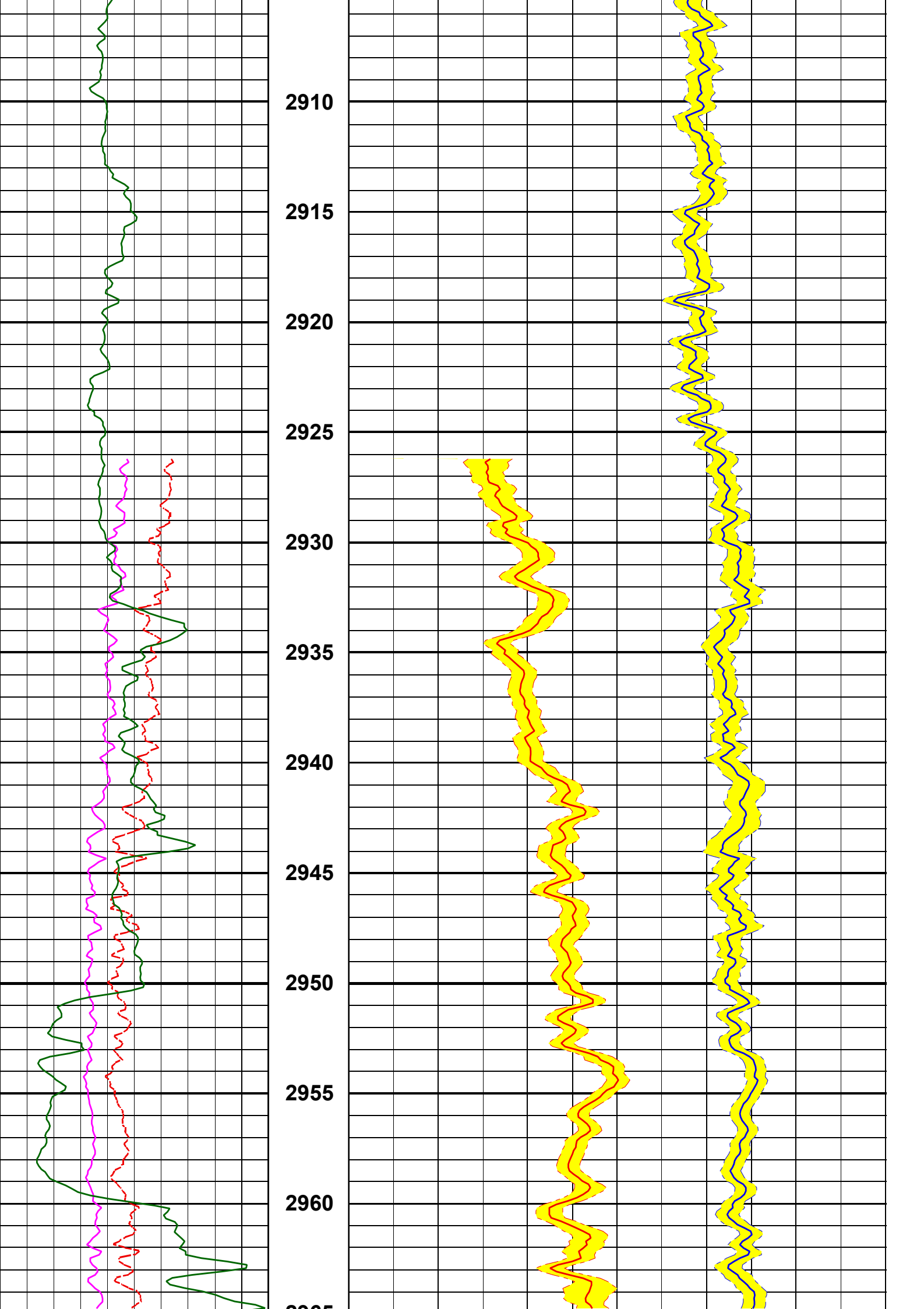
DT COrnpressional processed using 10KHz - 16 KHz filter.

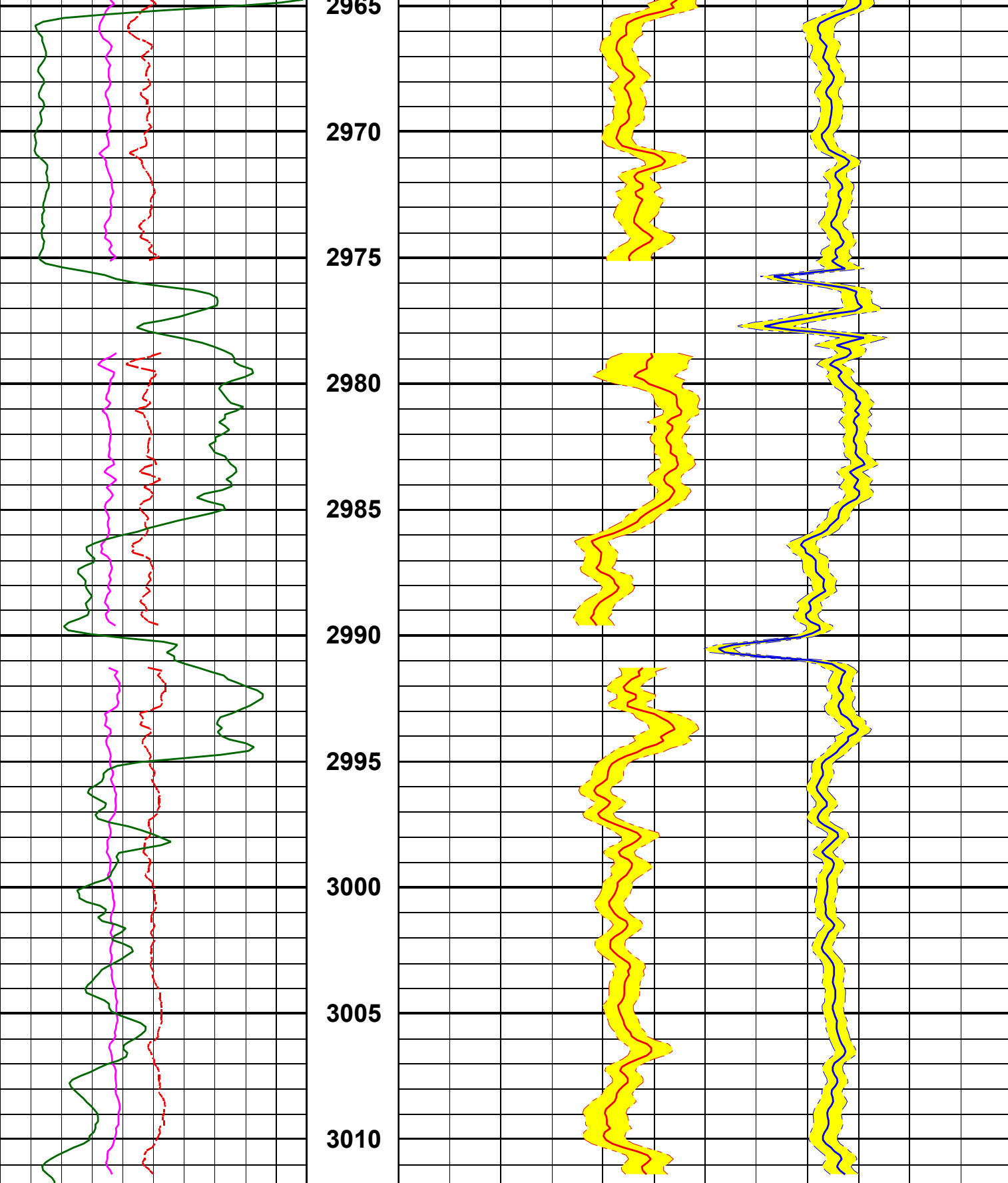
DT Shear processed using 5KHz - 16KHz filter.

For more parameters see the bottom of the QC log.

Processed Results

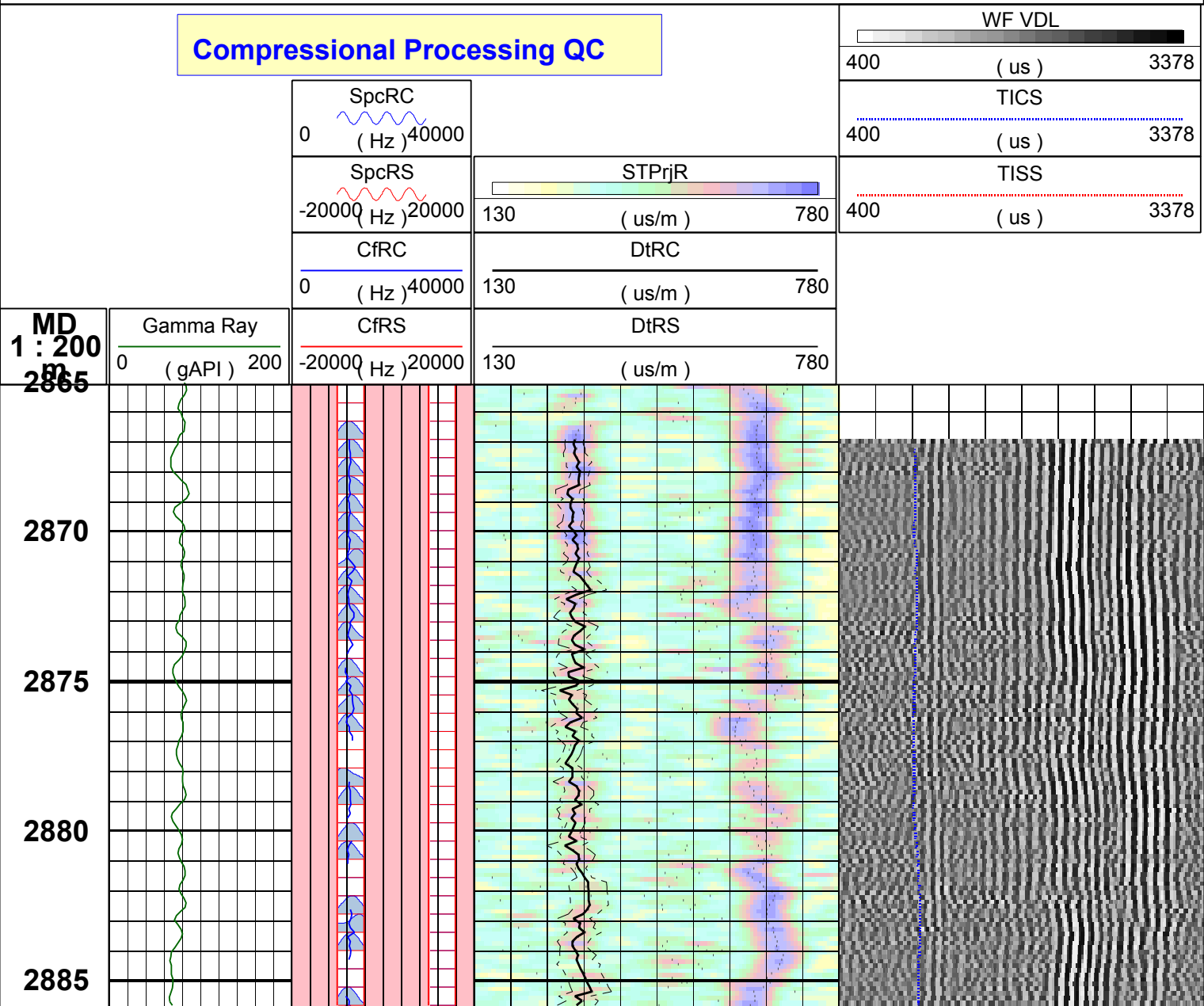
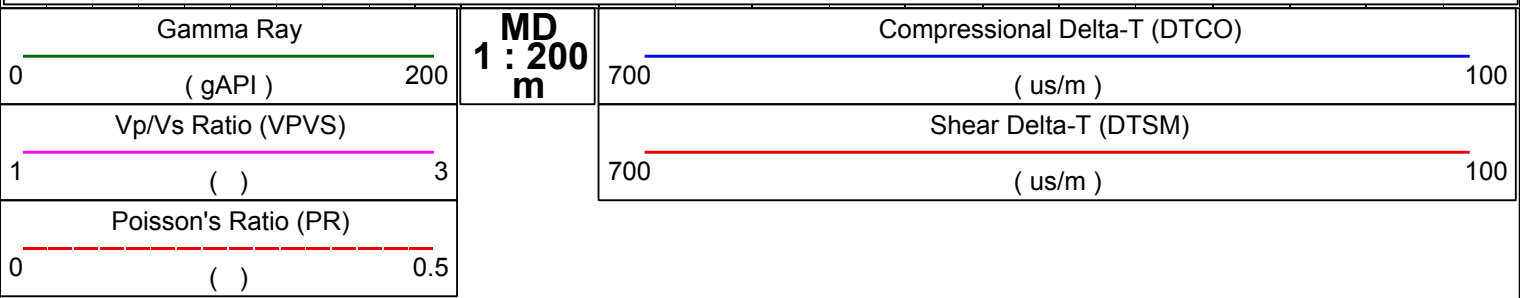


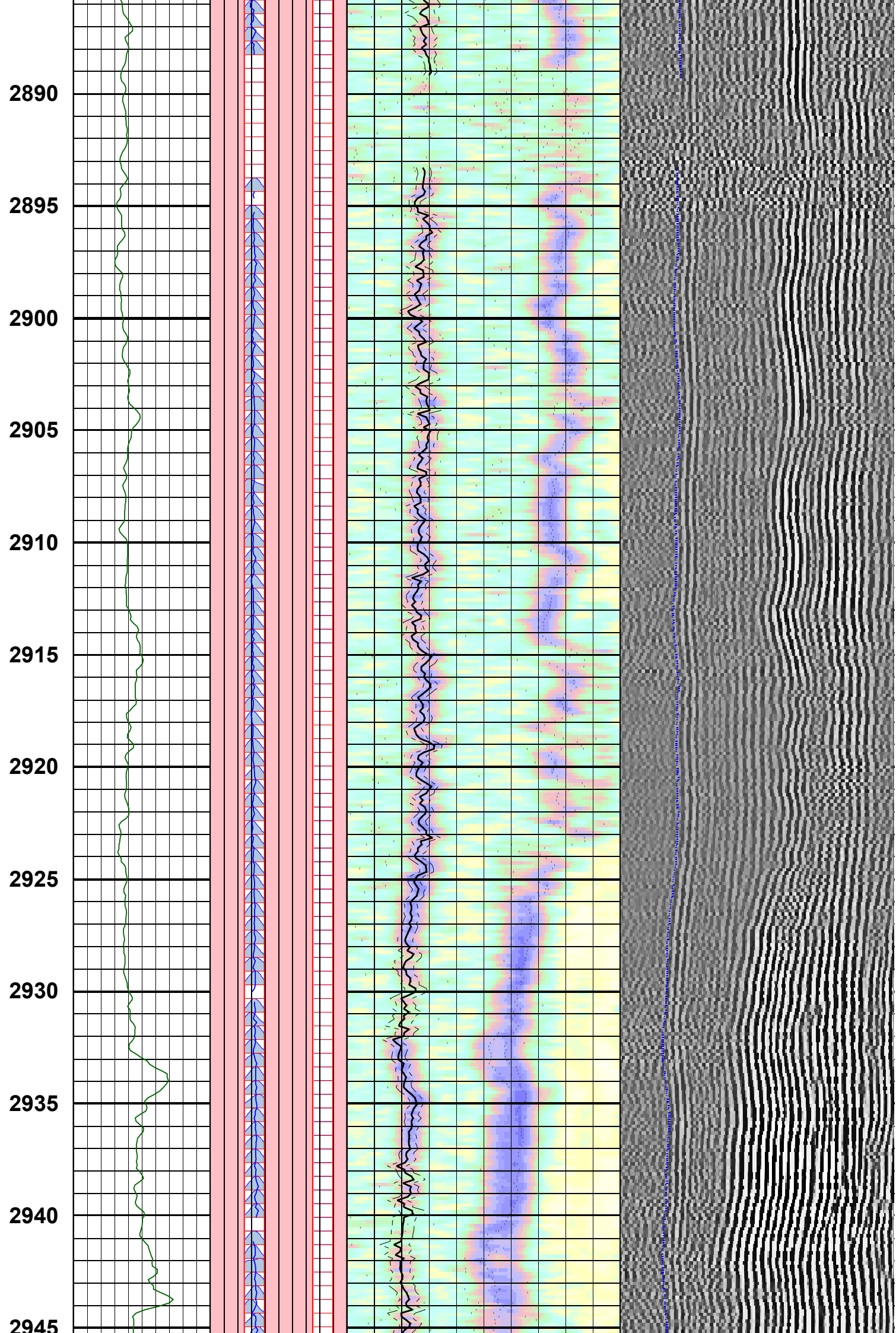


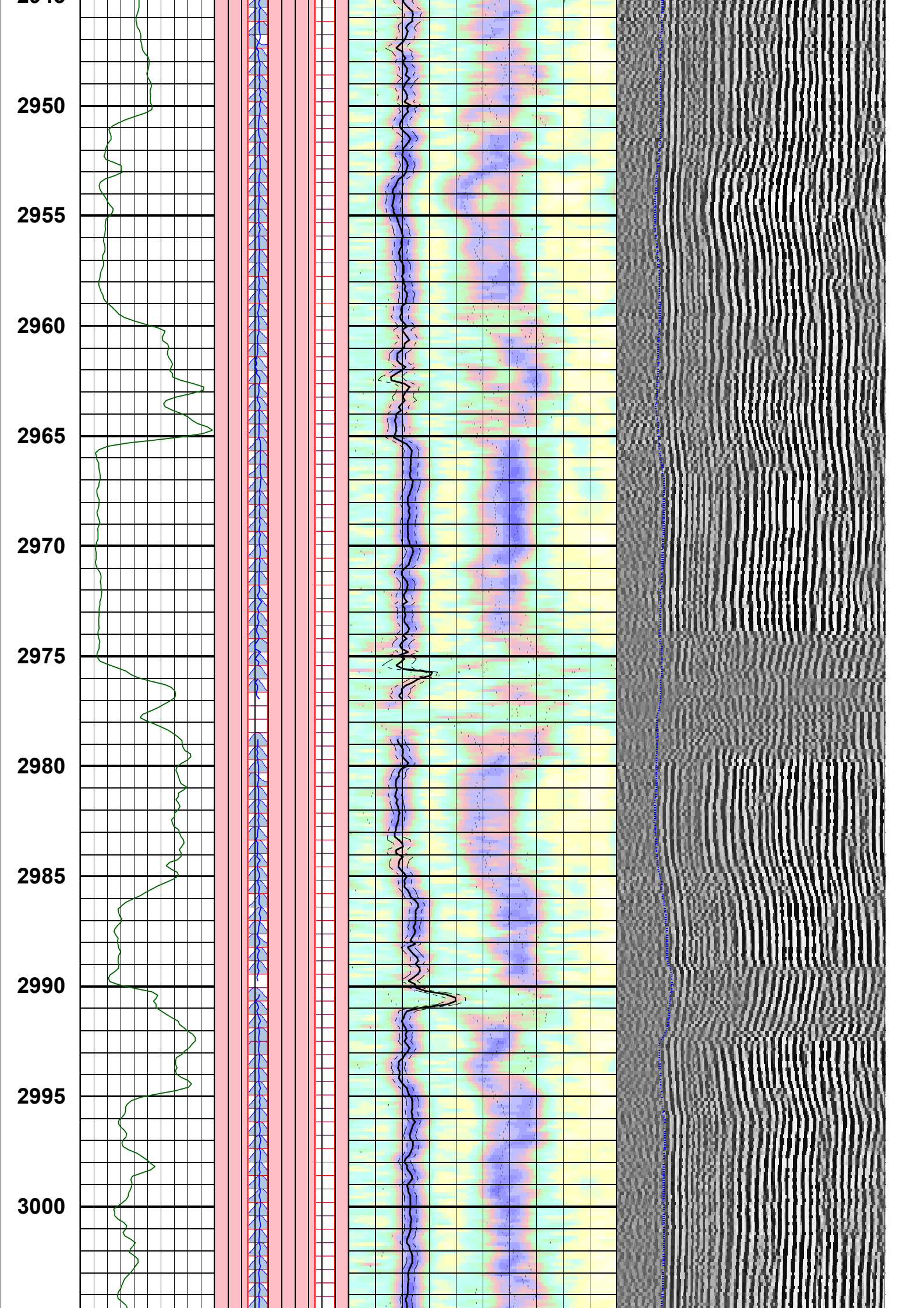


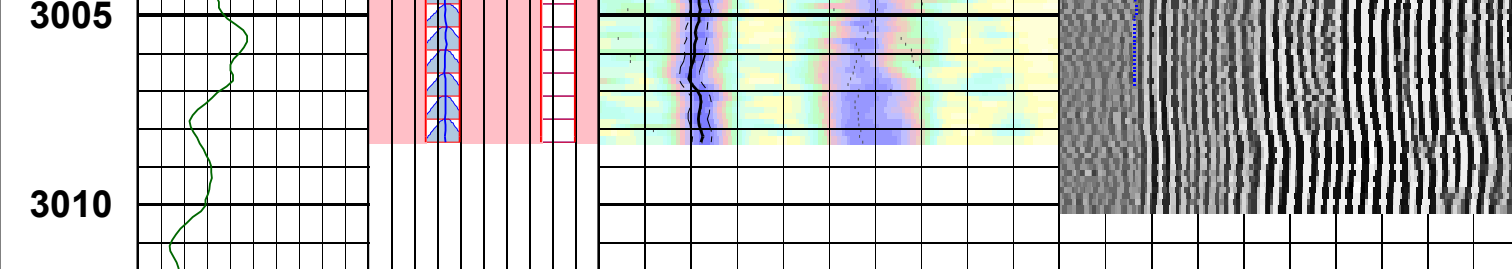
--- Finalization Result ---

1 MPS Compressional	Receiver	Absent levels= 49	
1 MPS Compressional	Transmitter	Absent levels= 32	
2 MPS Compressional	Receiver	Absent levels= 941	
2 MPS Compressional	Transmitter	Absent levels= 937	
1 MPS Shear	Receiver	Absent levels= 941	
1 MPS Shear	Transmitter	Absent levels= 937	
2 MPS Shear	Receiver	Absent levels= 442	
2 MPS Shear	Transmitter	Absent levels= 430	
1 MPS Compressional	DDBHC	Absent levels= 12	*Selected*
2 MPS Compressional	DDBHC	Absent levels= 961	







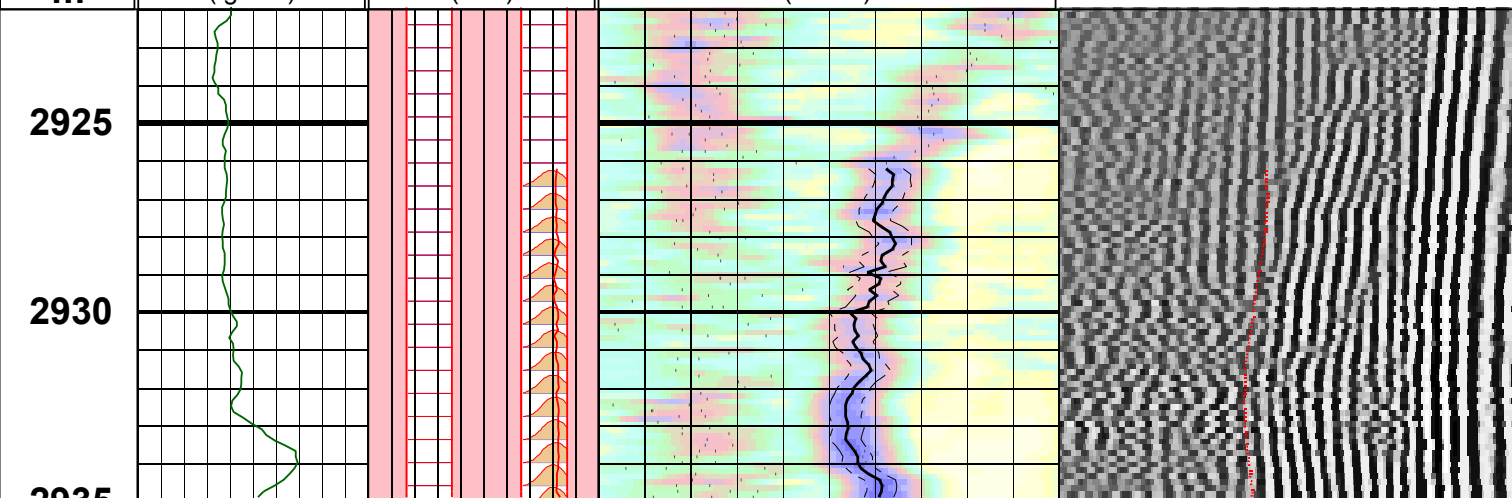


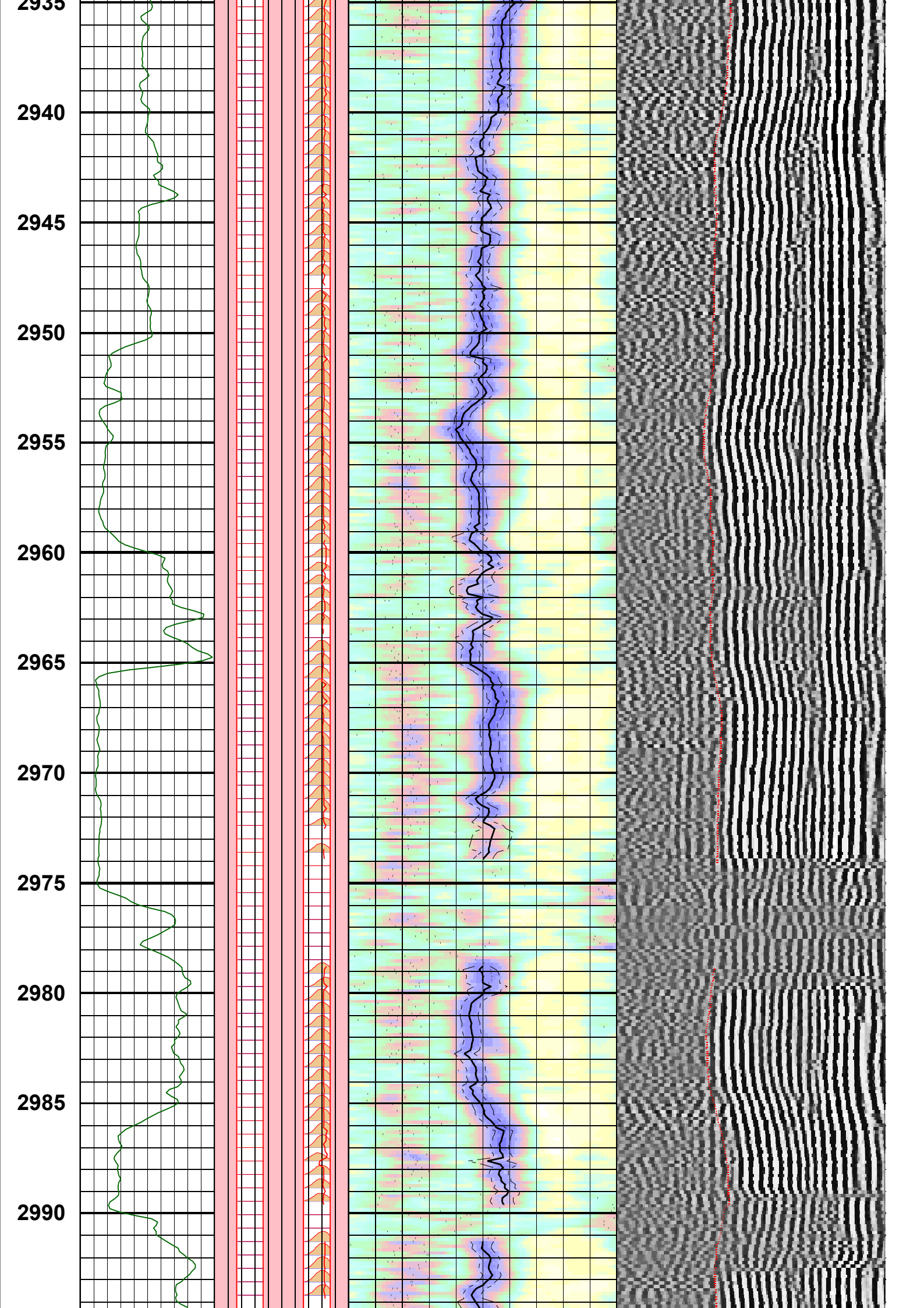
Customized Process: Start Depth (3011.36 m), Stop Depth (2865.1 m), Logging Mode (ISONIC - MPS_WIDE)
 Noise Cut Filtering(No), Casing Cut Filtering(No)
 WF_FLG(1 1 1 1), MUD_TYPE(OBM), DTMUD(721.785), STCAL(Full Array)
 TRSPAC(3.00228), RRSPAC(0 0.2032 0.4064 0.6096)
 Hole Diameter (no input)
 Zoning Guide (DTBC@Run_4;1 (722.986 - 3008.38 m))
 Tracking Guide (no input)

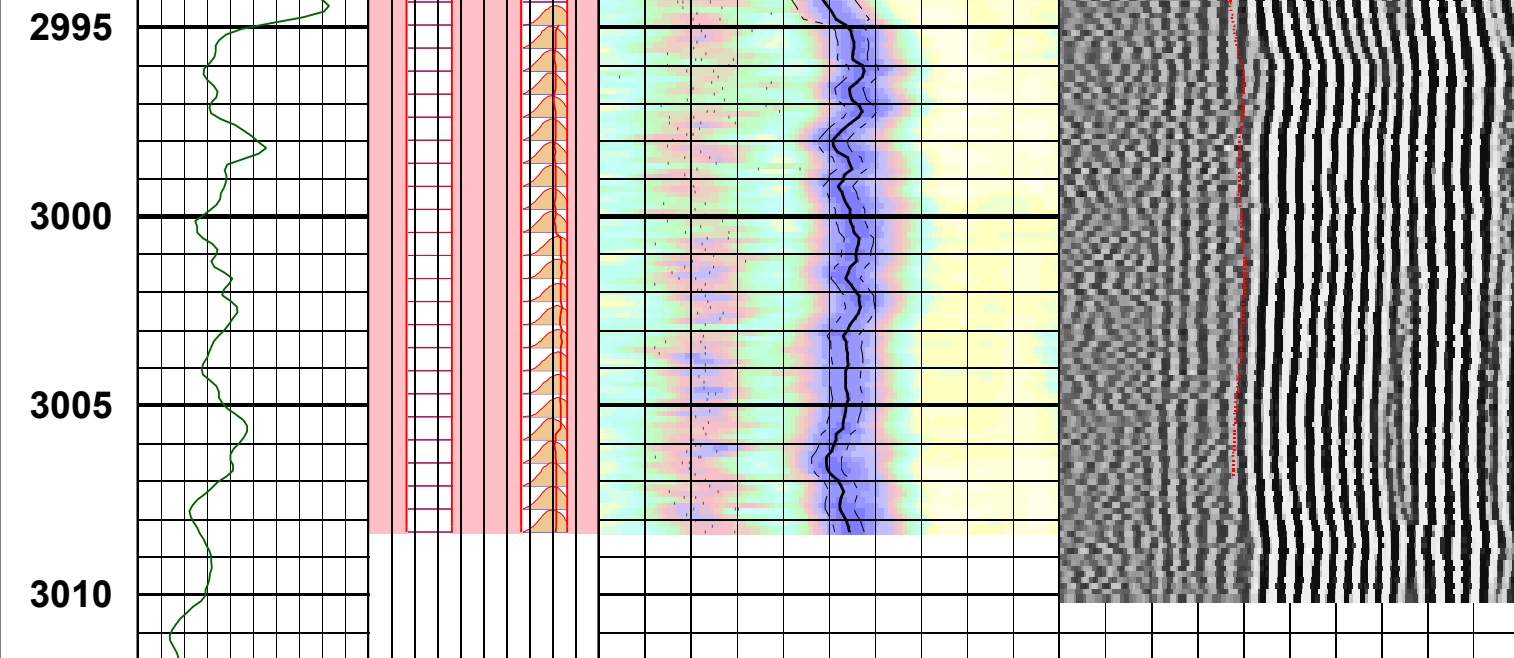
--- Zone Top Depth (0), Zone Name (Zone1) ---

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	CfRS	DtRS	
	0 (gAPI) 200	-20000 (Hz) 20000	130 (us/m) 780	
		CfRC	DtRC	
	0 (Hz) 40000	130 (us/m) 780		
	SpcRS	STPrjR		
	-20000 (Hz) 20000	130 (us/m) 780	TISS	
	SpcRC		400 (us) 3378	
	0 (Hz) 40000		TICS	
			400 (us) 3378	
			WF VDL	
			400 (us) 3378	
Shear Processing QC				
		SpcRC		
		0 (Hz) 30000		
		SpcRS	STPrjR	
		-15000 (Hz) 15000	130 (us/m) 780	
		CfRC	DtRC	
		0 (Hz) 30000	130 (us/m) 780	
MD 1 : 200 m	Gamma Ray	CfRS	DtRS	
	0 (gAPI) 200	-15000 (Hz) 15000	130 (us/m) 780	







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 Noise Cut Filtering(No), Casing Cut Filtering(No)
 WF_FLG(1 1 1 1), MUD_TYPE(OBM), DTMUD(721.785), STCAL(Full Array)
 TRSPAC(3.00228), RRSPAC(0 0.2032 0.4064 0.6096)
 Hole Diameter (no input)
 Zoning Guide (DTBC@Run_4;1 (722.986 - 3008.38 m))
 Tracking Guide (DTRP@BestDT-3;2 .CO .MPS_WIDE .ISONIC .SWP .BDT .EDT (3008.36 - 2865.1 m))

--- 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(360*), SWD(65.6168), TWD(840), SEM(0.45), FLENG(47*), FLOW(5000*), FHIGH(11000*)
 TKO_MODEL_ORDER(2), TKO_TOL(50) TKO_FLOW(0), TKO_FHIGH(12000)

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

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