

**KERR MCGEE OIL & GAS
ONSHORE LP**
SHURVIEW 13N-3HZ
WATTENBERG
WELD
CO

COMPANY KERR MCGEE OIL & GAS ONSHORE LP
WELL SHURVIEW 13N-3HZ
FIELD/BLOCK WATTENBERG
COUNTY WELD
STATE CO

API No. 0512336122000
Location SHL: 1999' FSL & 1164' FEL
LAT: 40.426791°
LONG: -104.872810°
Other Services:
DTDD

COMPANY
WELL
FIELD/BLOCK
COUNTY
STATE

Permanent Datum Log measured from KB
Drilling measured from KB
Elev. 4888.0 ft
D.F. 4904.0 ft
G.L. 4888.0 ft

Date 15-Apr-13
Run No. ONE
Depth - Driller 11325.00 ft
Depth - Logger 11315.0 ft
Bottom - Logged Interval 11312 ft
Top - Logged Interval CASING
Casing - Driller 7.000 in @ 7509.0 ft
Casing - Logger 7502.0 ft
Bit Size 6.125 in @
Type Fluid in Hole WATER BASED MUD @
Density 9.9 ppg 38.00 sg/qt
PH 7.00 pH 4.8 cp/m

Date	15-Apr-13	Run No.	ONE	Depth - Driller	11325.00 ft	Depth - Logger	11315.0 ft	Bottom - Logged Interval	11312 ft	Top - Logged Interval	CASING	Casing - Driller	7.000 in @ 7509.0 ft	Casing - Logger	7502.0 ft	Bit Size	6.125 in @	Type Fluid in Hole	WATER BASED MUD @	Density	9.9 ppg 38.00 sg/qt	PH	7.00 pH 4.8 cp/m	
FLOW LINE																								
Source of Sample																								
Rm @ Meas. Temp	1.600 ohmm	@	64.70 degF	@																				
Rmf @ Meas. Temp	1.56 ohmm	@	44.40 degF	@																				
Rmc @ Meas. Temp	4.200 ohmm	@	36.90 degF	@																				
Source Rmf	CHART		CHART																					
Rm @ BHT	0.49 ohmm	@	227.0 degF	@																				
Time Since Circulation	18.0 hr																							
Time on Bottom	15-Apr-13 12:37																							
Max. Rec. Temperature	227.0 degF	@	11315.0 ft	@																				
Equipment	11454566		BRIGHTON																					
Recorded By	J. PINKETT		J. SCHMIDT																					
Witnessed By	G. HINE		M. BEALE																					

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Service Ticket No.: API Serial No.: 0512336122000 PGM Version: WL INSITE R3.8.4 (Build 5)

CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE					RESISTIVITY SCALE CHANGES				
Date	Sample No.				Type Log	Depth	Scale Up Hole	Scale Down Hole	
Depth-Driller									
Type Fluid in Hole									
Density	Viscosity								
Ph	Fluid Loss								
Source of Sample					RESISTIVITY EQUIPMENT DATA				
Rm @ Meas. Temp	@		@		Run No.	Tool Type & No.	Pad Type	Tool Pos.	Other
Rmf @ Meas. Temp.	@		@		ONE	XRMI	6-ARM	ADJ.	N/A
Rmc @ Meas. Temp.	@		@			11355246			
Source Rmf	Rmc								
Rm @ BHT	@		@						
Rmf @ BHT	@		@						
Rmc @ BHT	@		@						

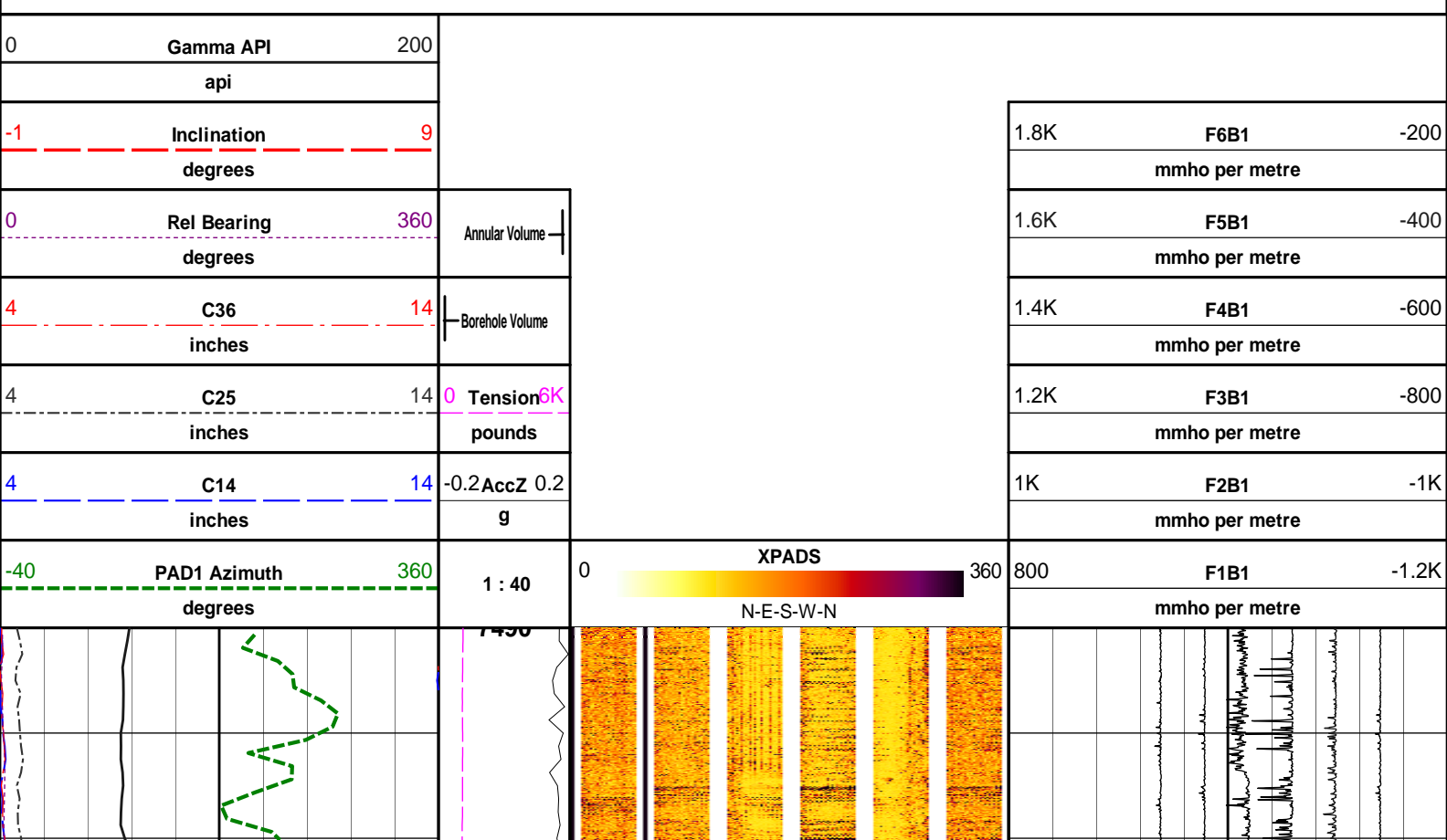
EQUIPMENT DATA							
GAMMA		ACOUSTIC		DENSITY		NEUTRON	
Run No.	ONE	Run No.		Run No.		Run No.	
Serial No.	11812883	Serial No.		Serial No.		Serial No.	
Model No.	GTET	Model No.		Model No.		Model No.	
Diameter	3.625"	No. of Cent.		Diameter		Diameter	
Detector Model No.	GTET	Spacing		Log Type		Log Type	
Type	SCINT			Source Type		Source Type	
Length	8"	LSA [Y/N]		Serial No.		Serial No.	
Distance to Source	N/A	FWDA [Y/N]		Strength		Strength	

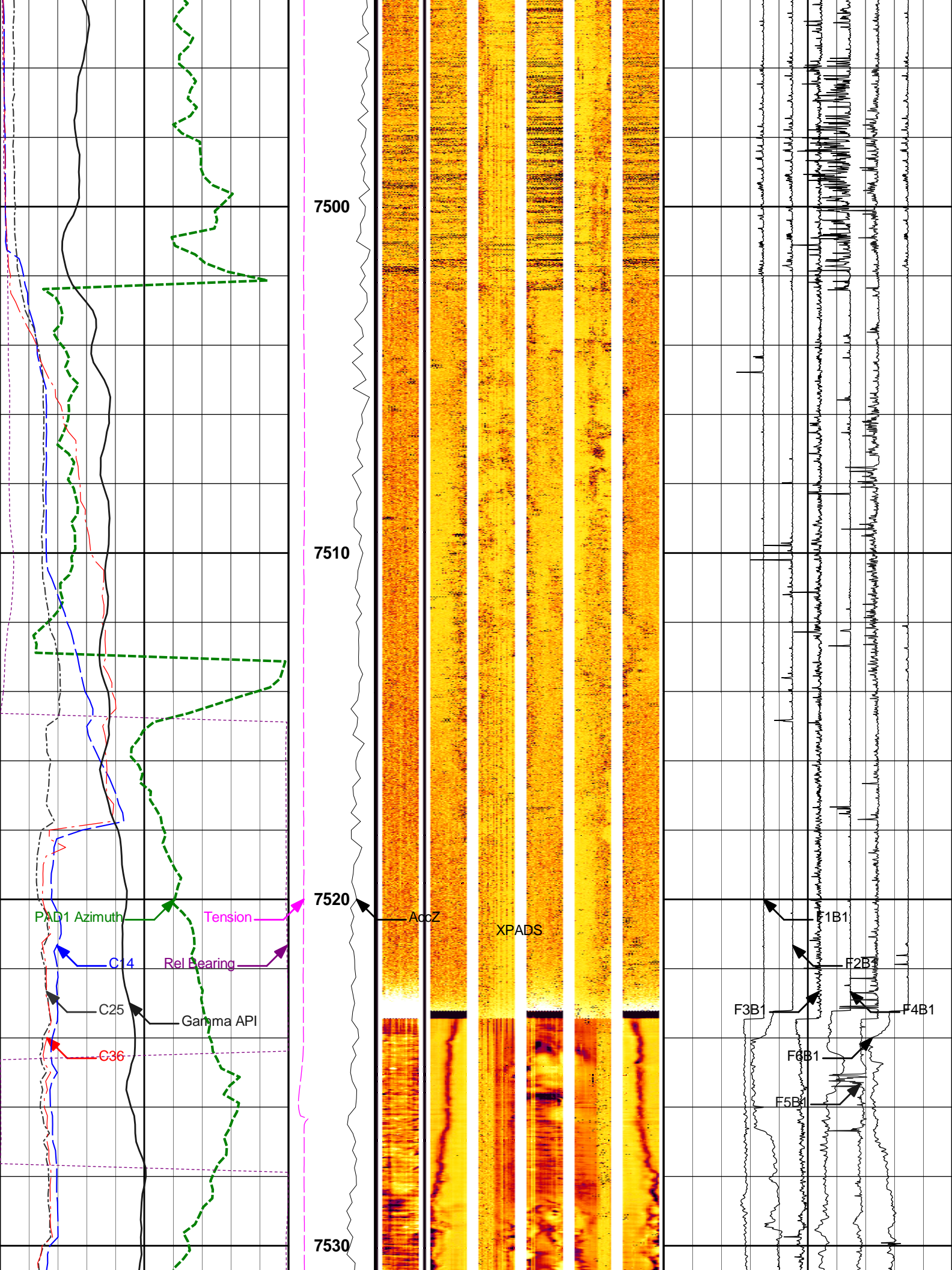
LOGGING DATA

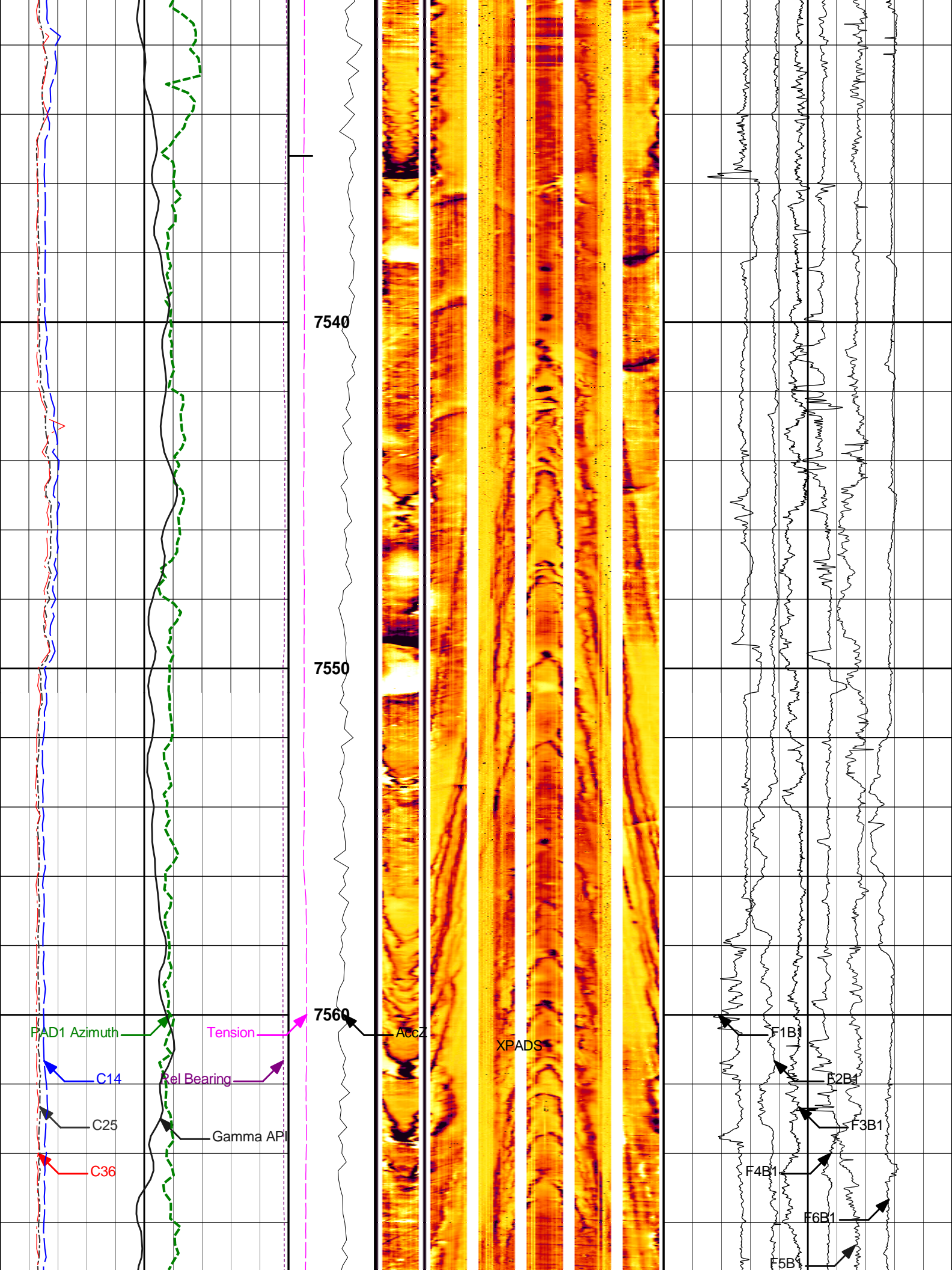
XRMI-I Instrument	WRTI	Survey Writing Interval	30	ft
XRMI-I Instrument	SOPT	Smoothing Option	None	
XRMI-I Mandrel	DIMG	Process XRMI?	Yes	
XRMI-I Mandrel	ROTI	Rotate Image (N-E-S-W-N)?	No	
XRMI-I Mandrel	AGN	Use Button Auto Gain?	Yes	
XRMI-I Mandrel	BCLR	Button Auto Gain Color	127	
XRMI-I Mandrel	BFIL	Button Auto Gain Filter	0.020	
XRMI-I Mandrel	BGAN	Button Gain Value	0.001	
XRMI-I Mandrel	BOFF	Button Offset	0	
XRMI-I Mandrel	DIPE	Process Dipmeter Calculations?	Yes	
XRMI-I Mandrel	BHCS	Process Borehole Corrections?	Yes	
XRMI-I Mandrel	CLOK	Process Caliper Outputs?	Yes	
XRMI-I Mandrel	CMAX	Caliper Maximum Limit	100.0	in
XRMI-I				

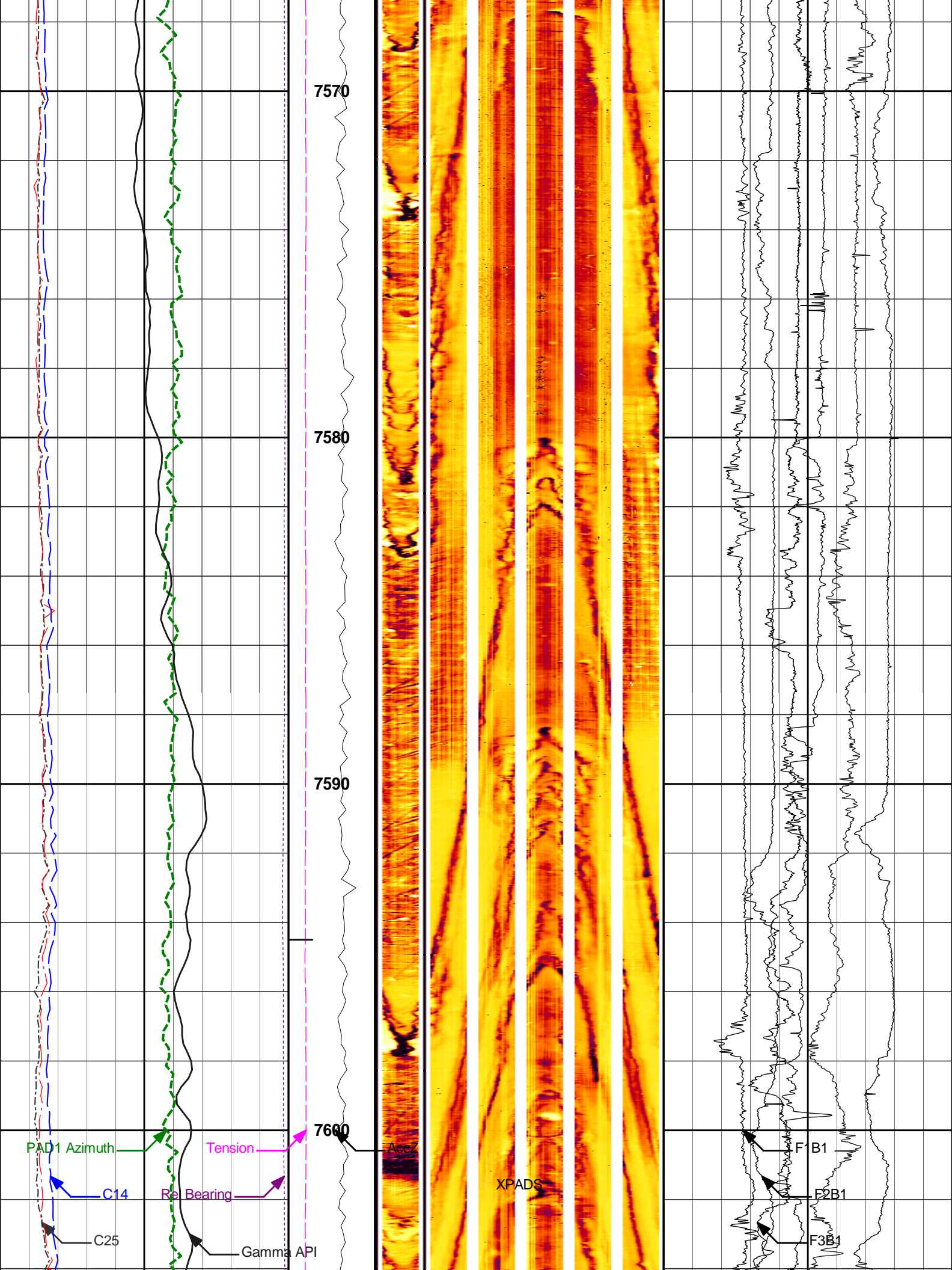


Plot Time: 15-Apr-13 17:08:16
 Plot Range: 7490 ft to 11315.6 ft
 Data: SHURVIEW13N-3HZWell Based\MAIN
 Plot File: \\XRMI FIELD PLOT\XRMI 1_40









7570

7580

7590

7600

PAD1 Azimuth

Tension

AccZ

C14

Re Bearing

XPADS

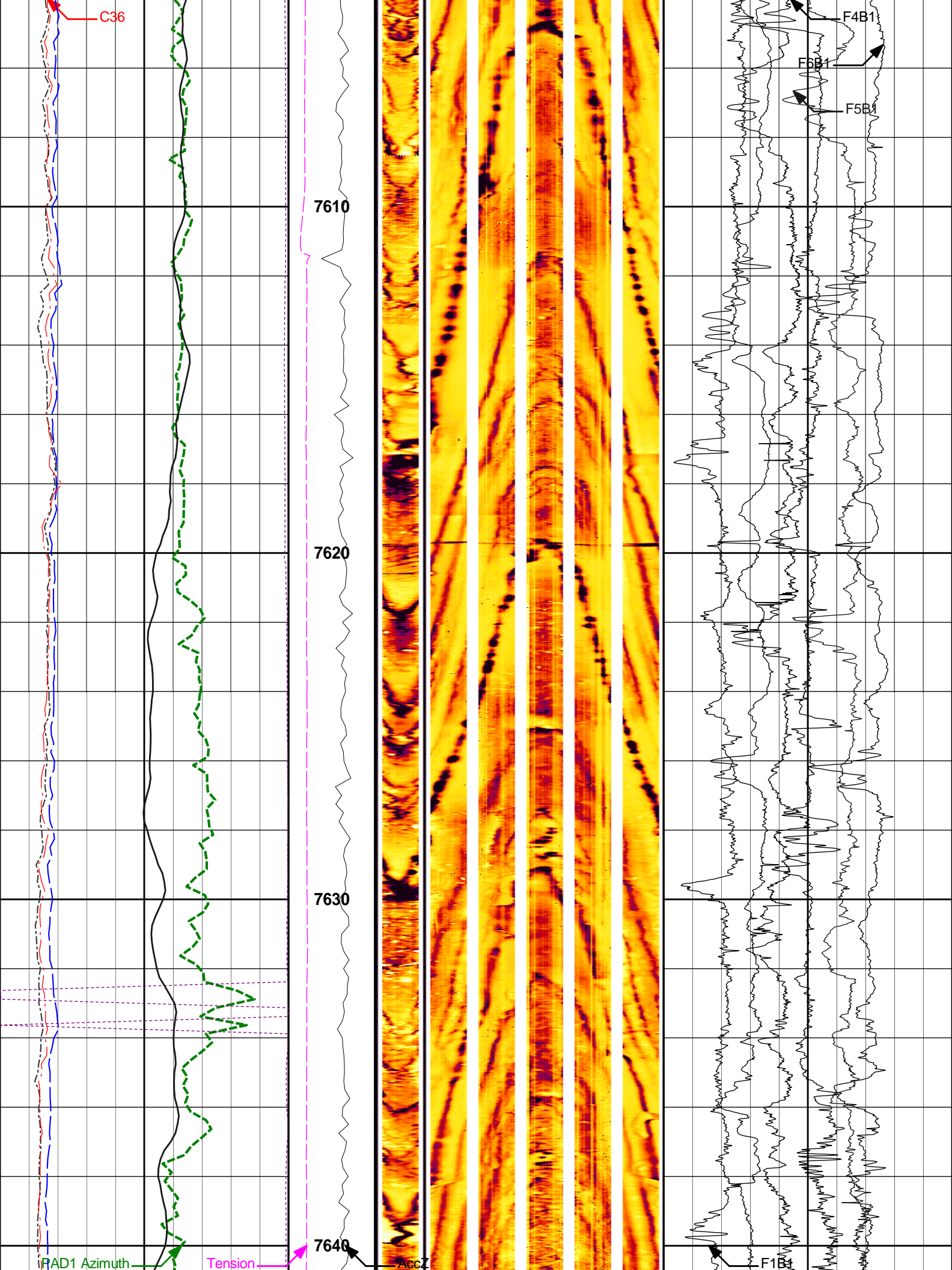
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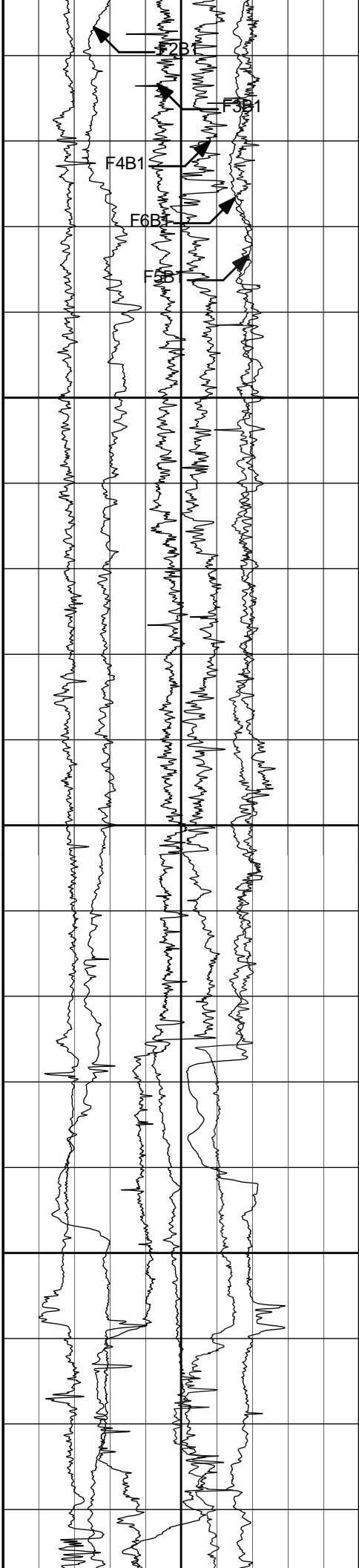
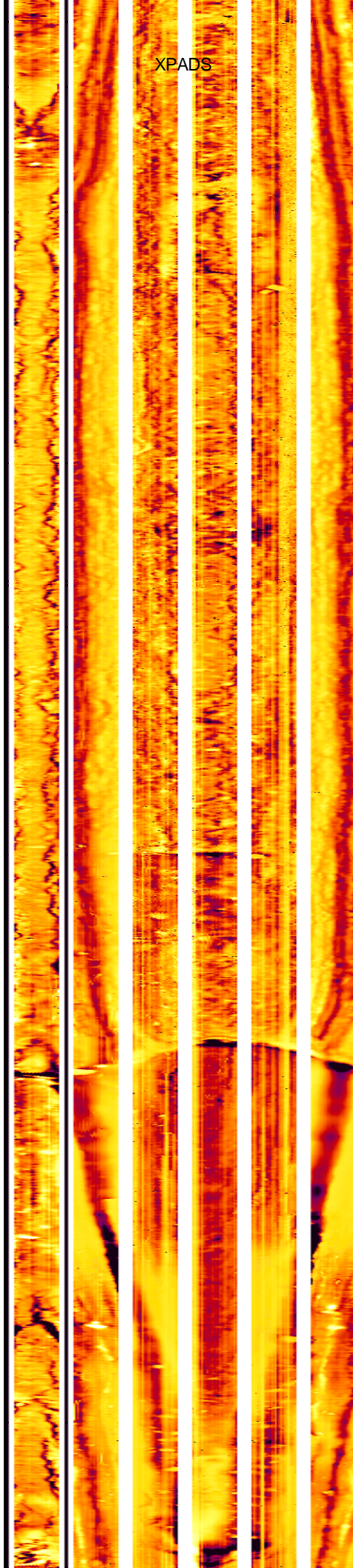
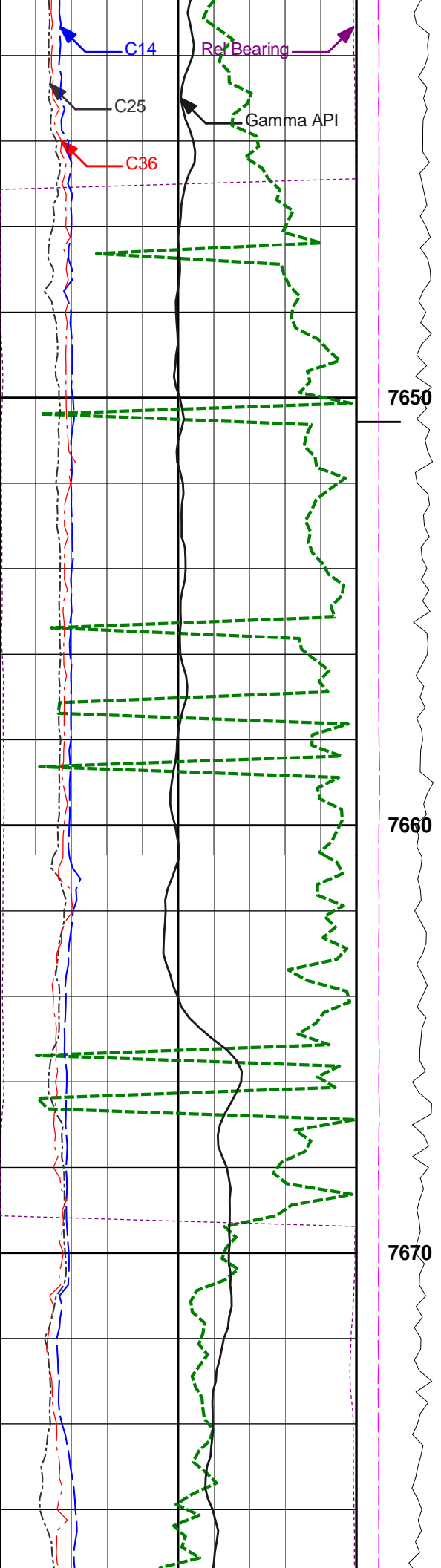
Gamma API

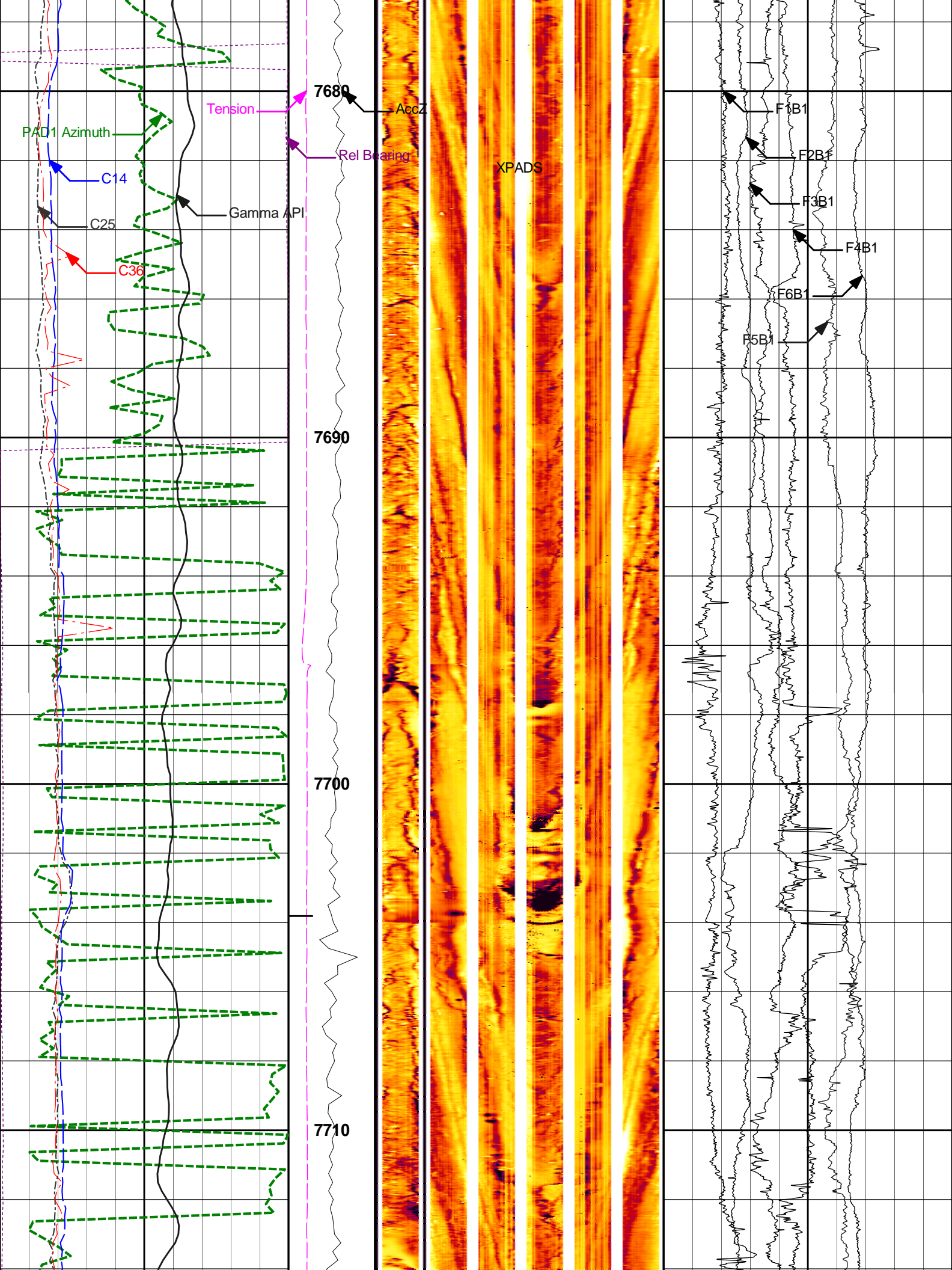
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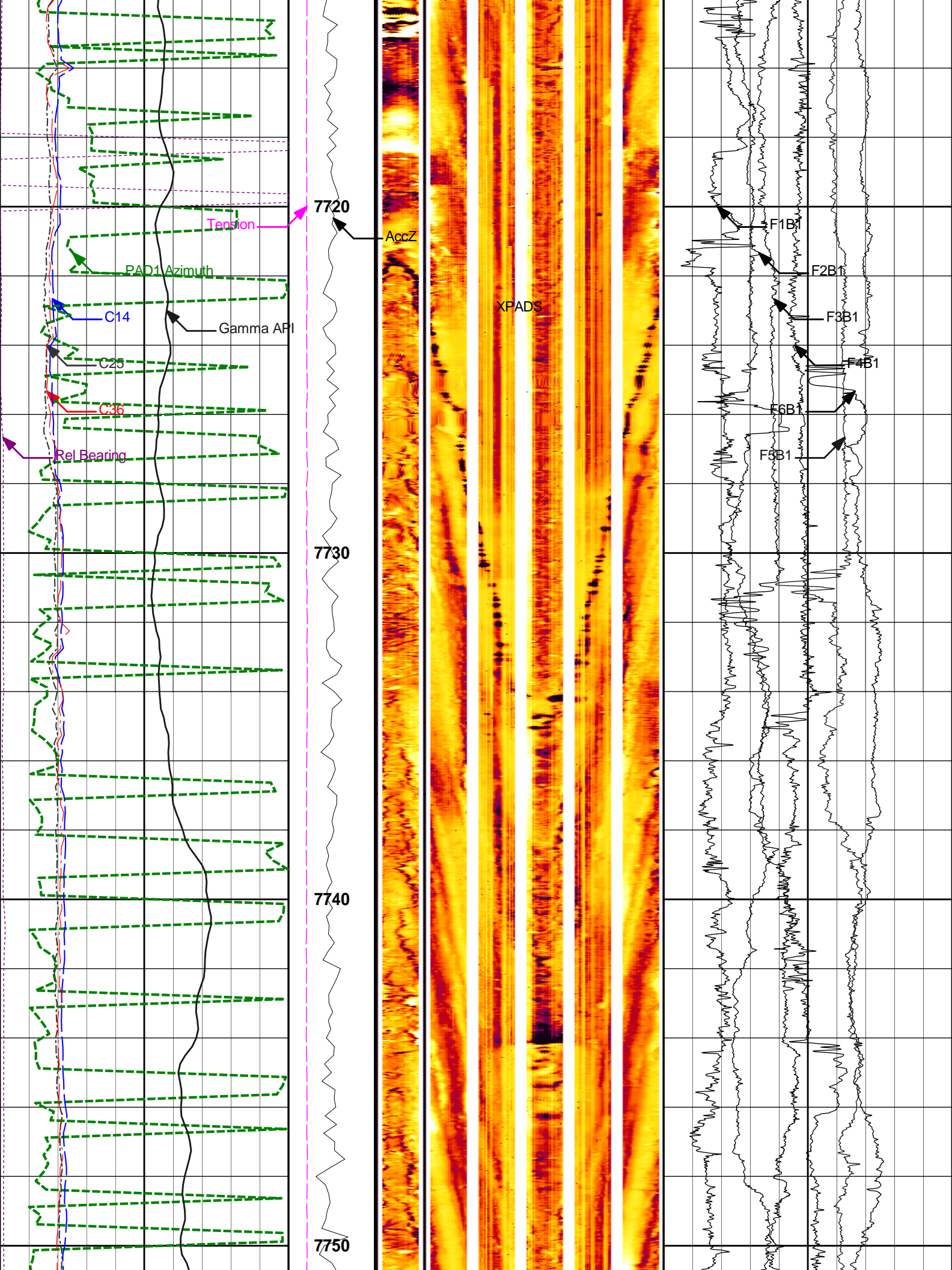
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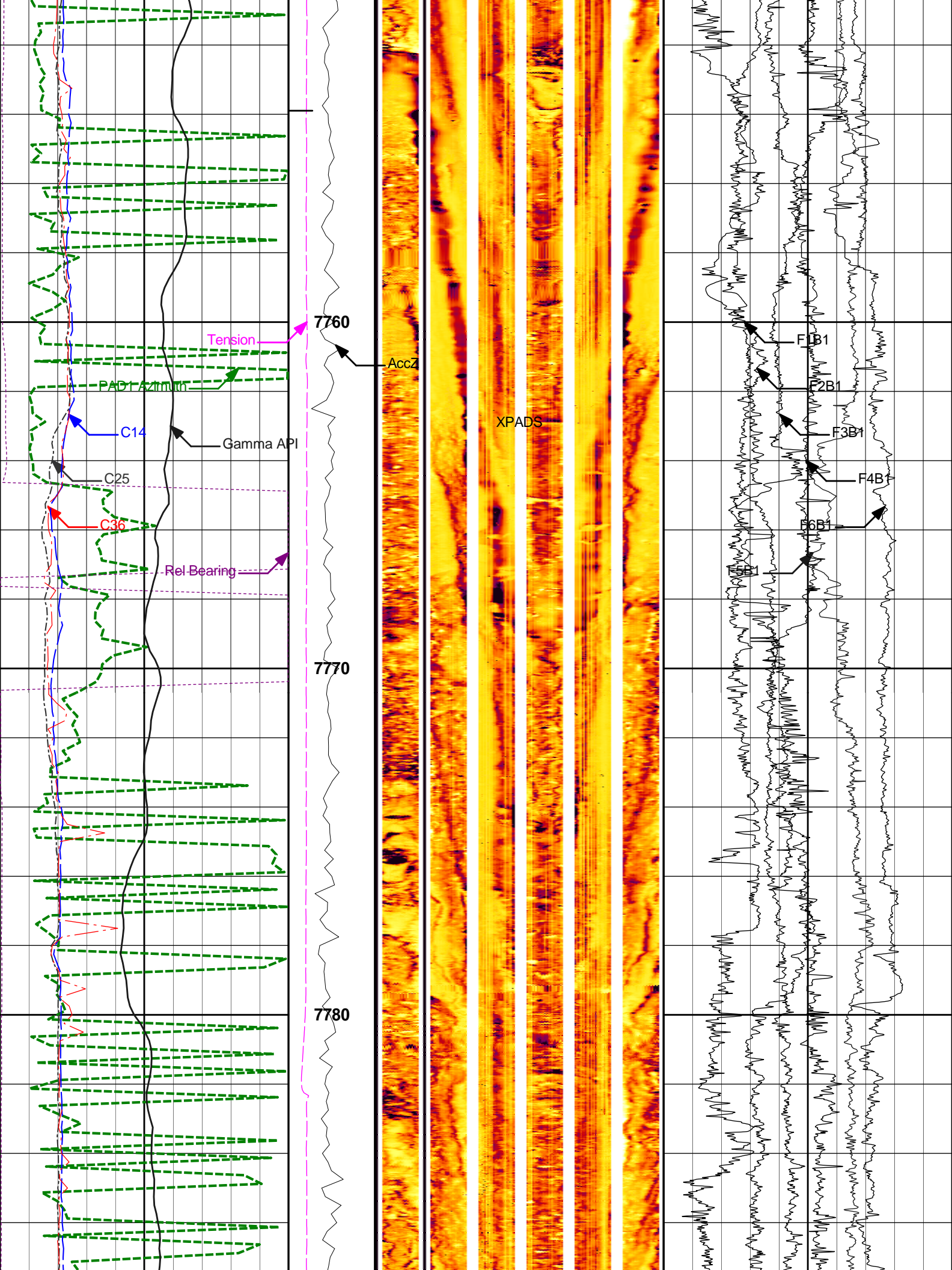
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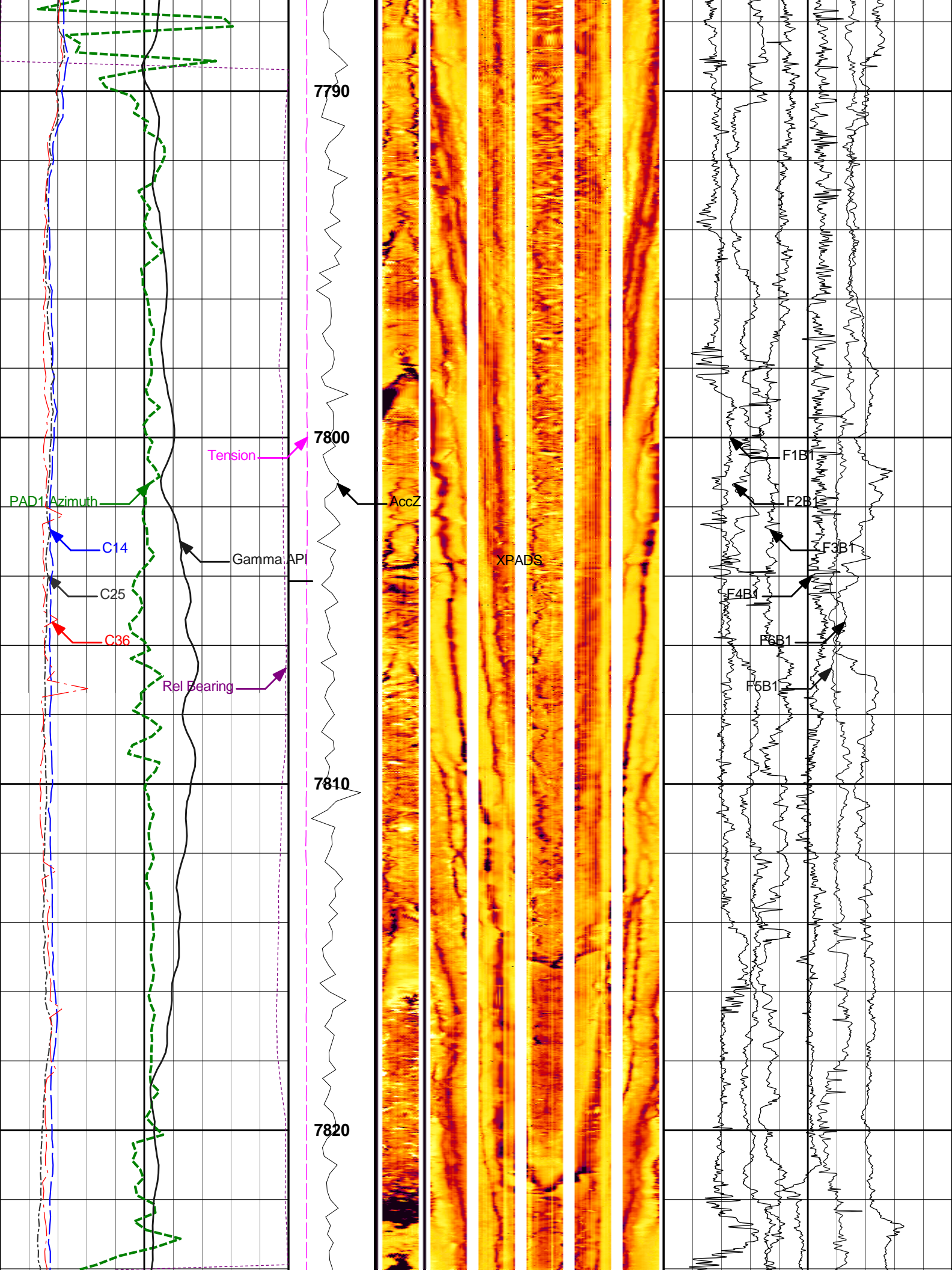


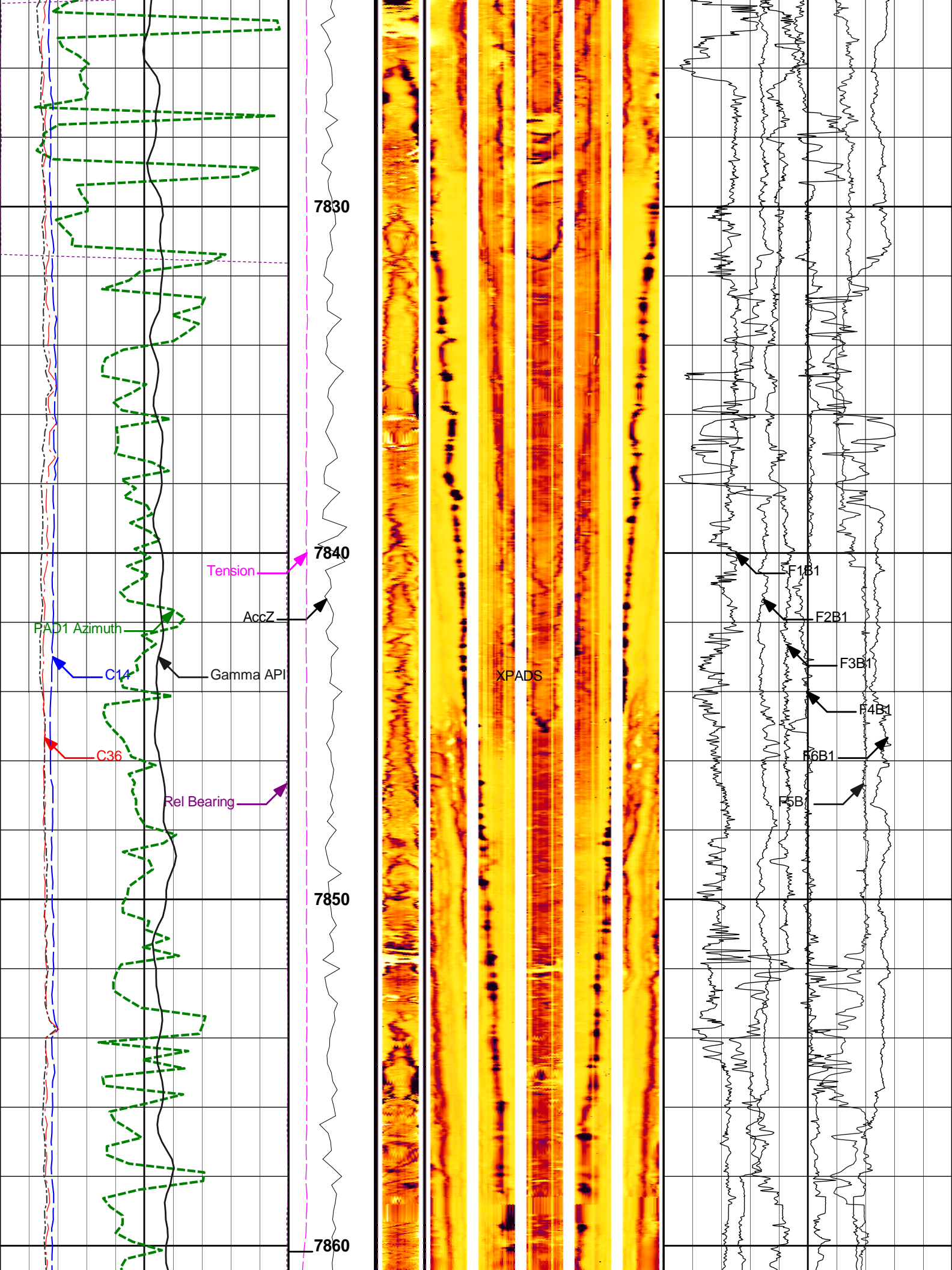


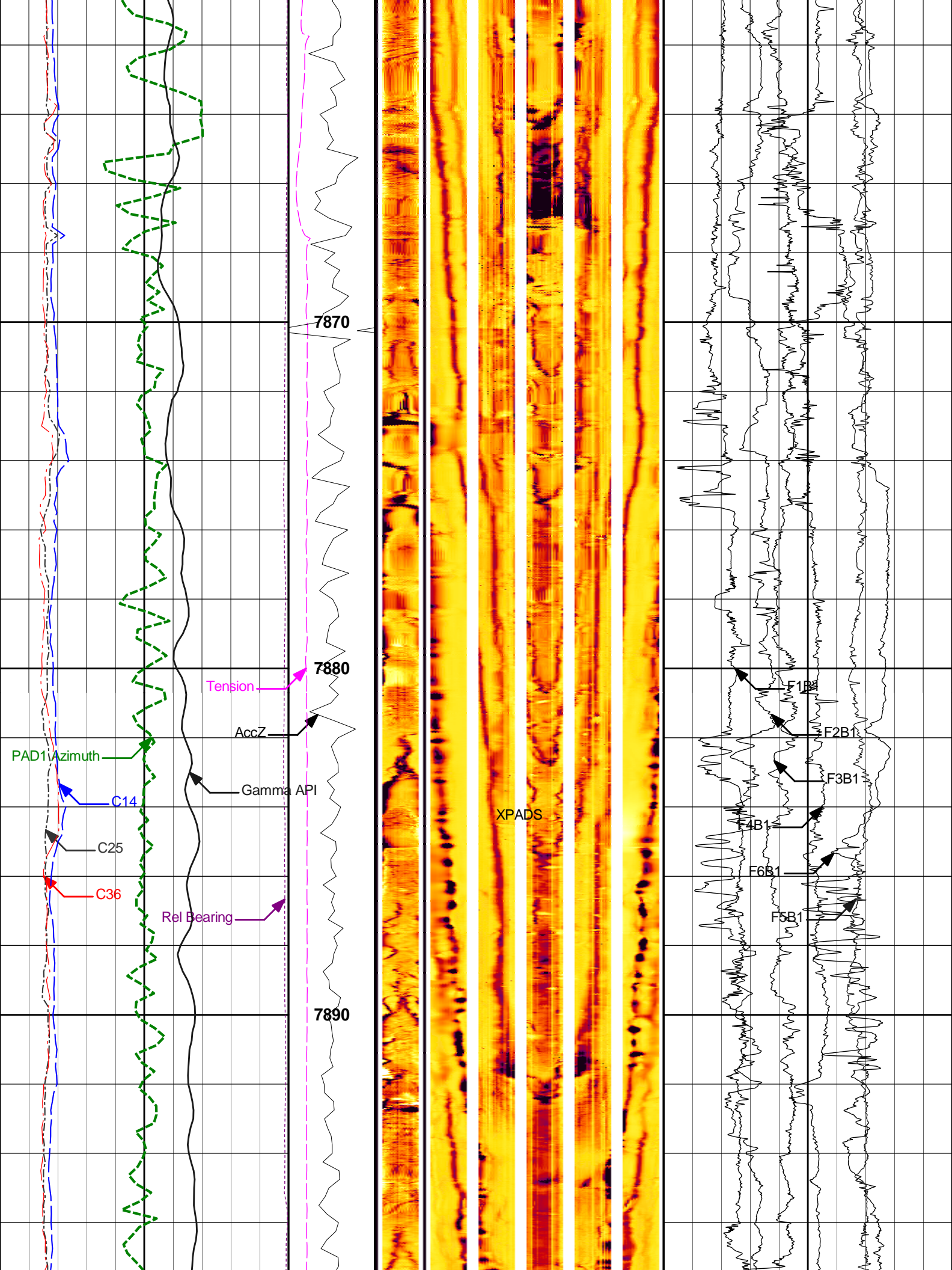


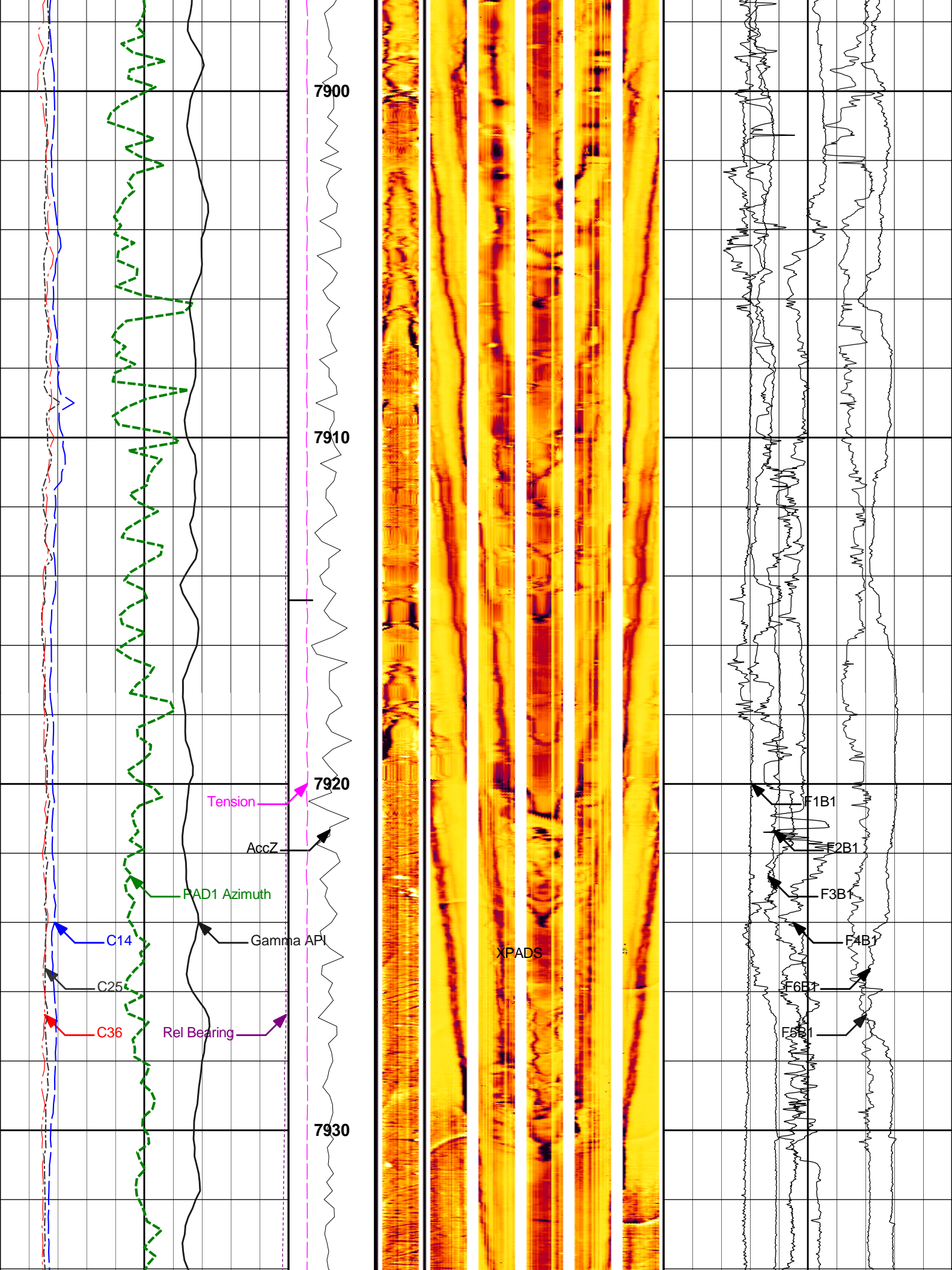


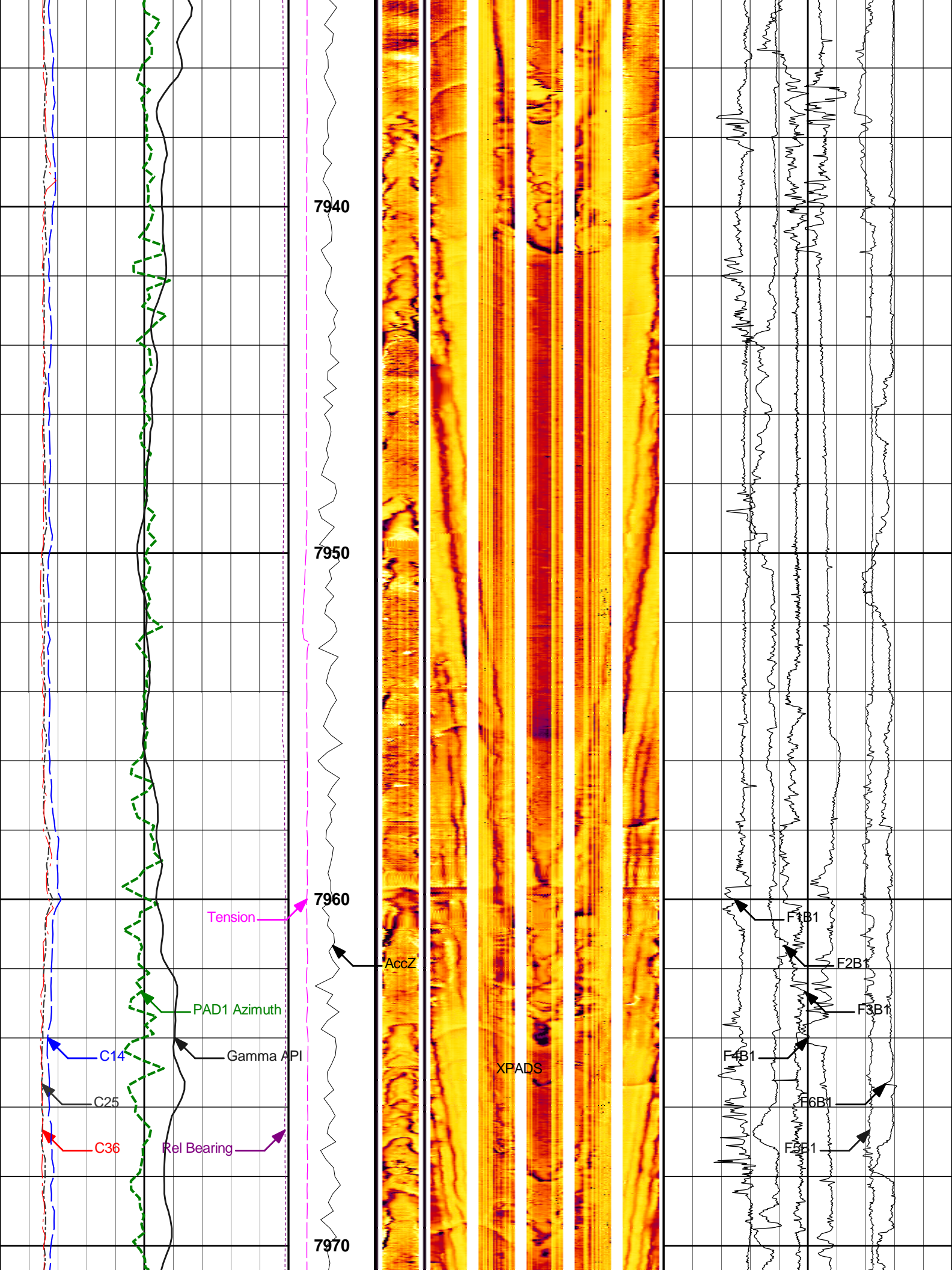


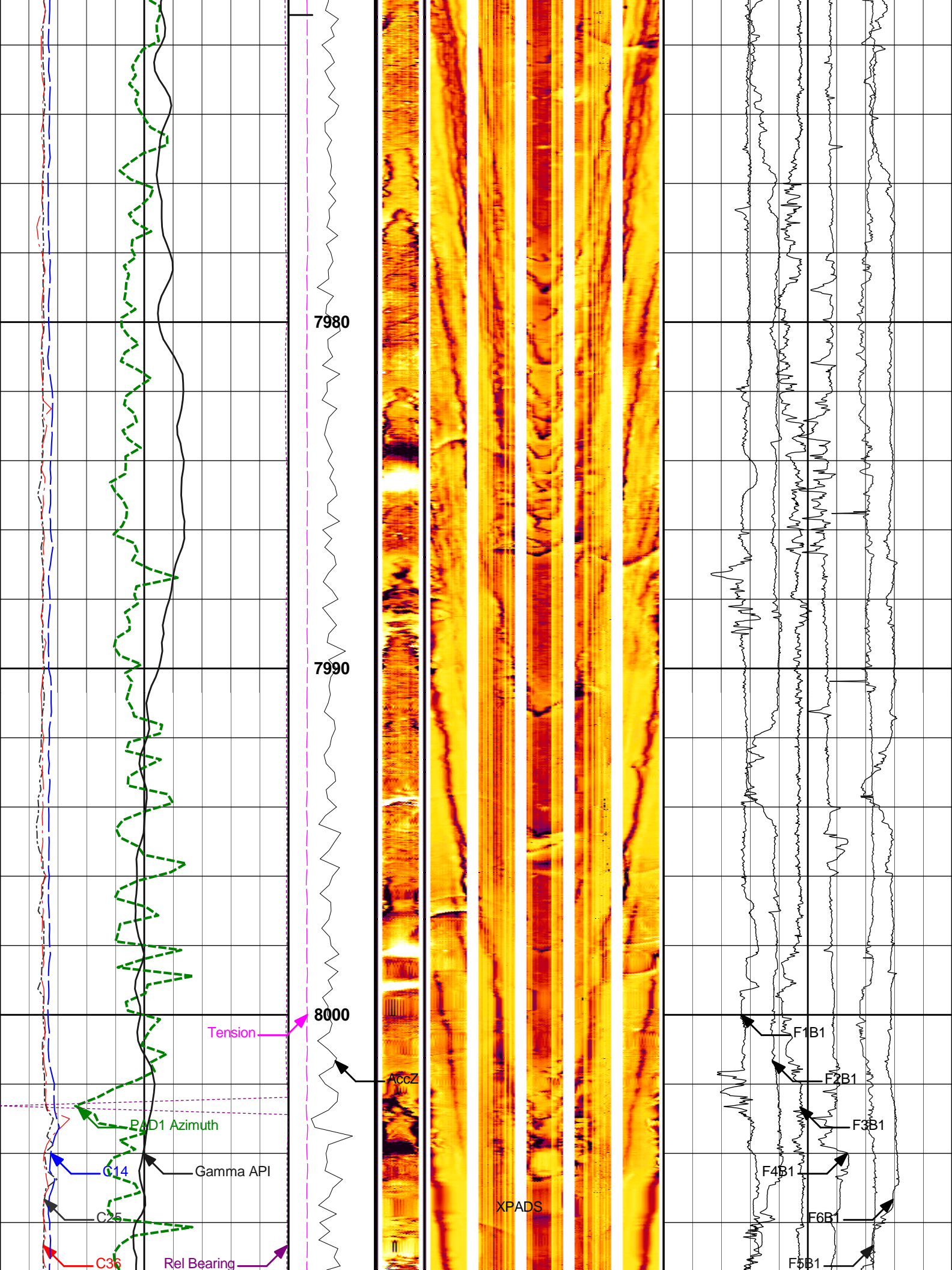


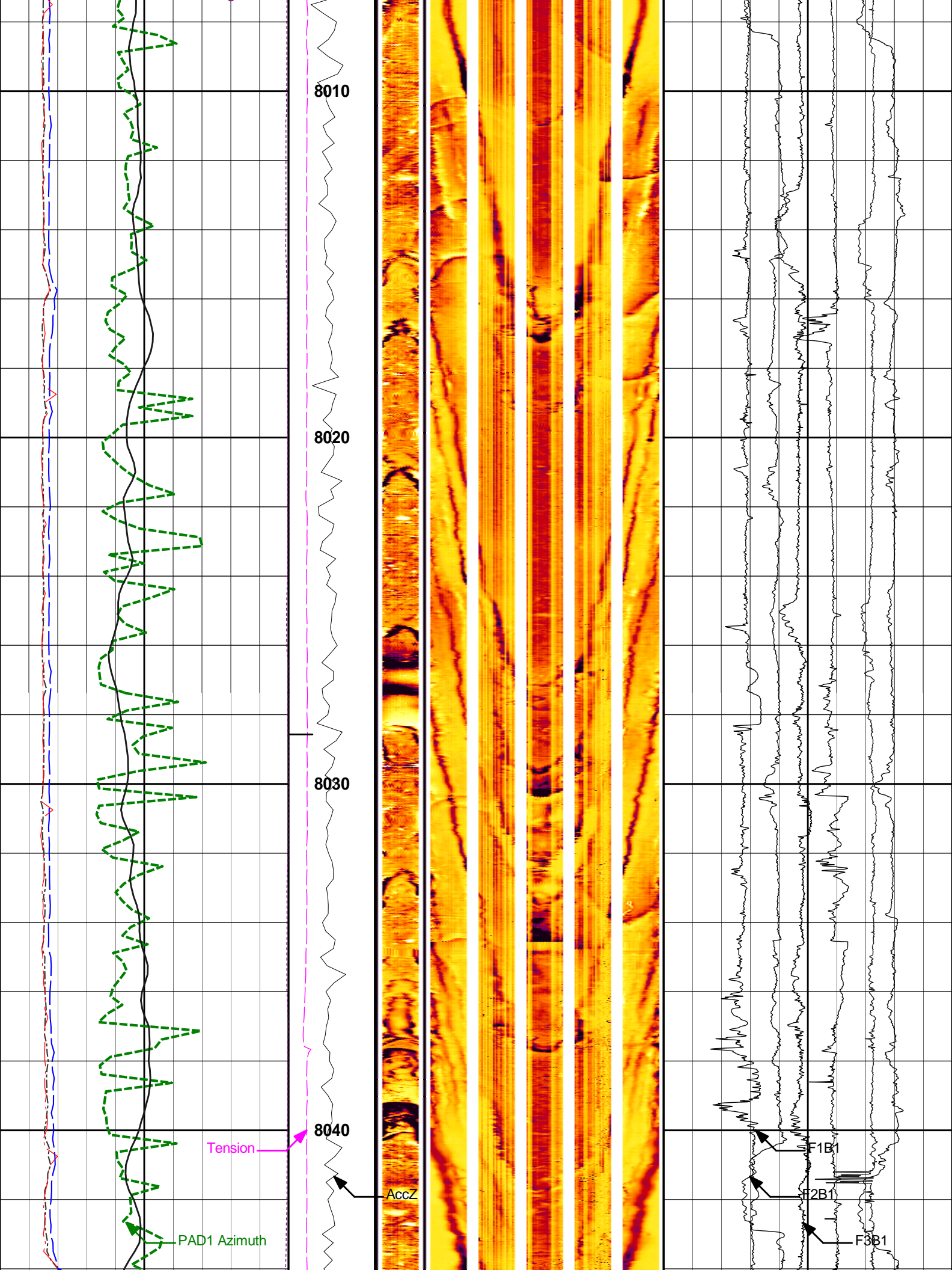


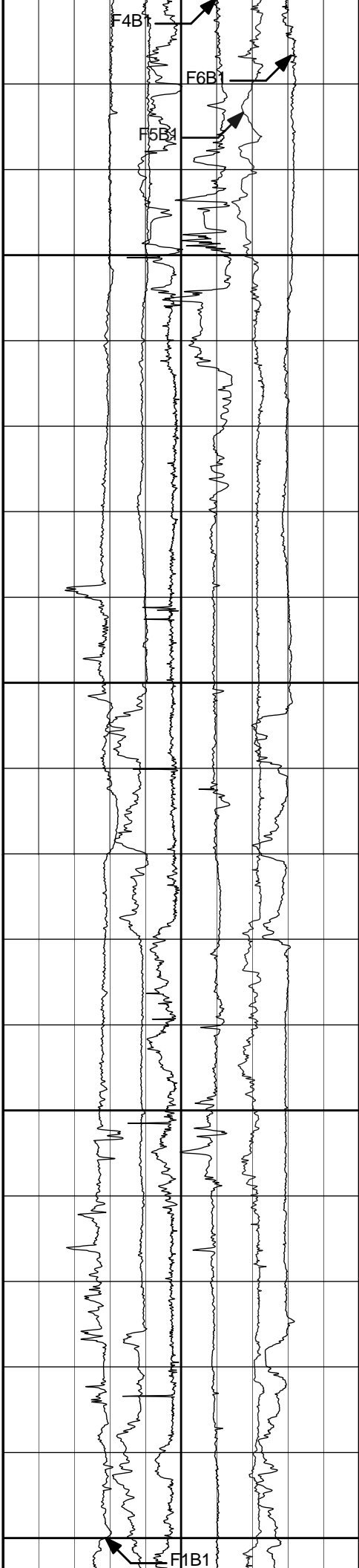
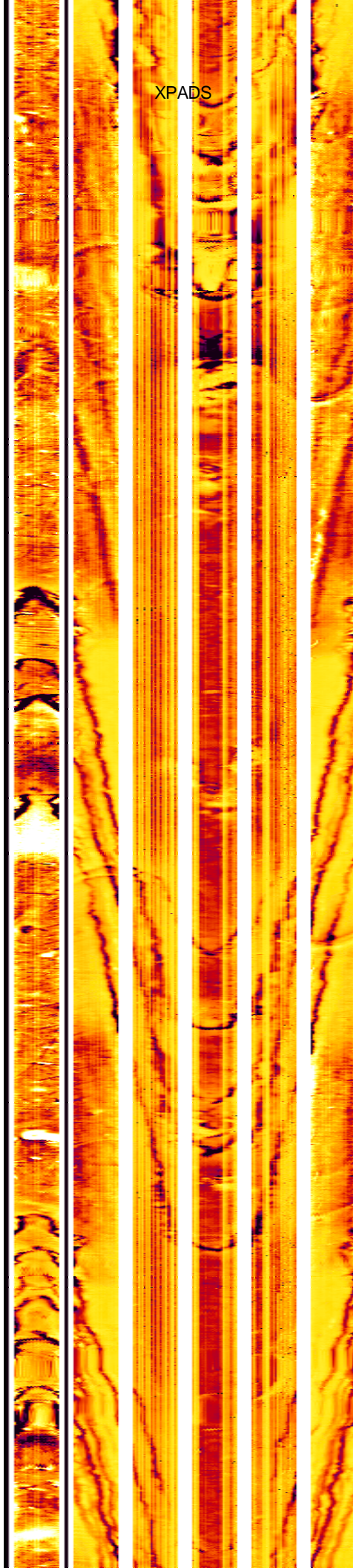
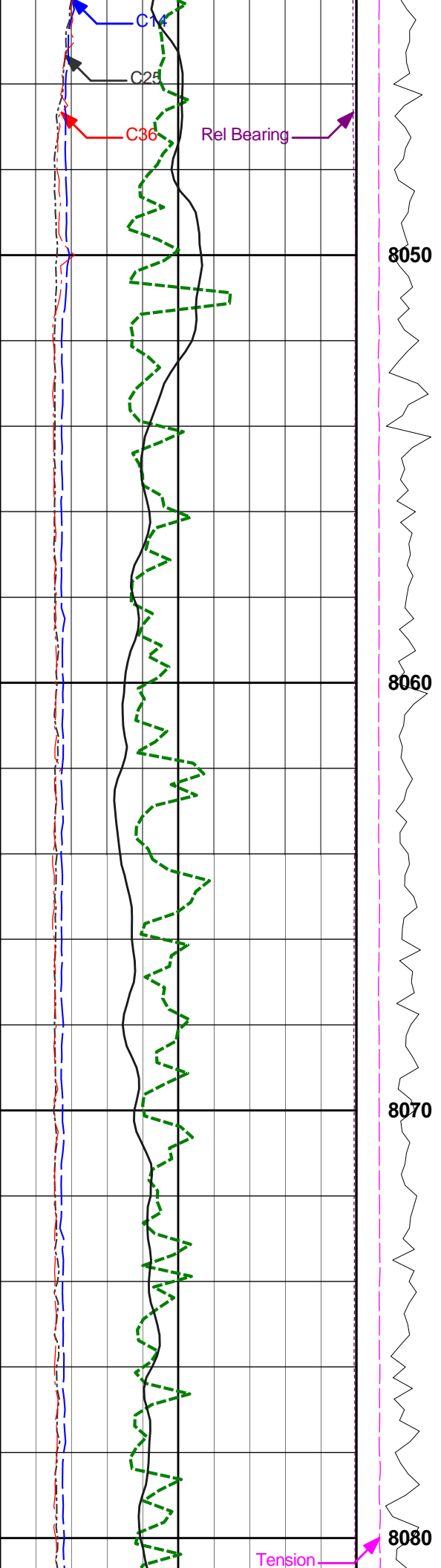


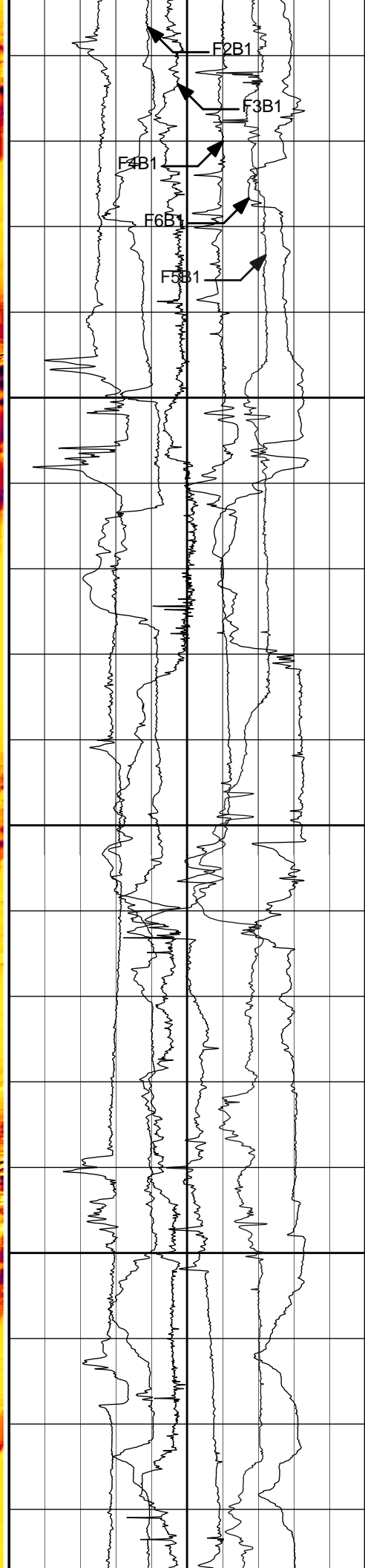
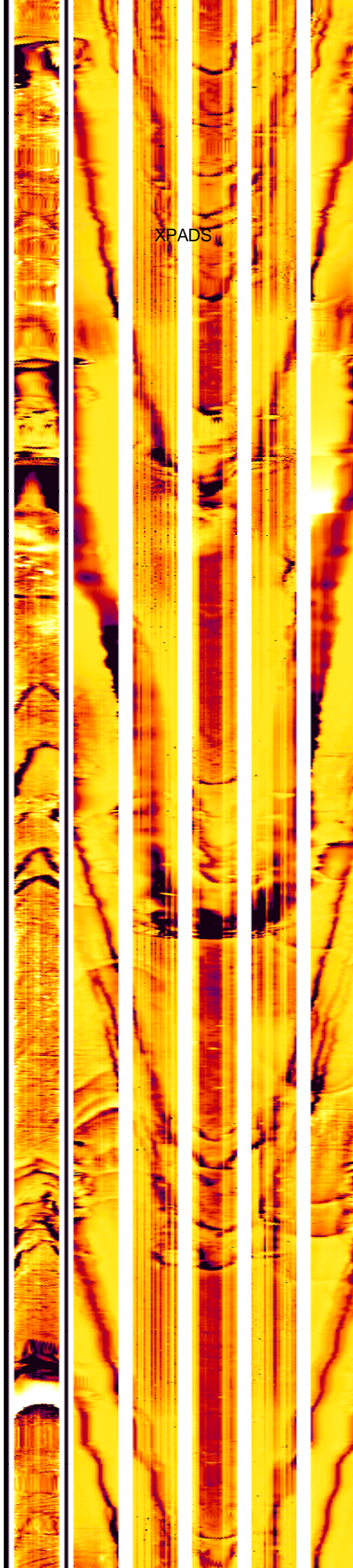
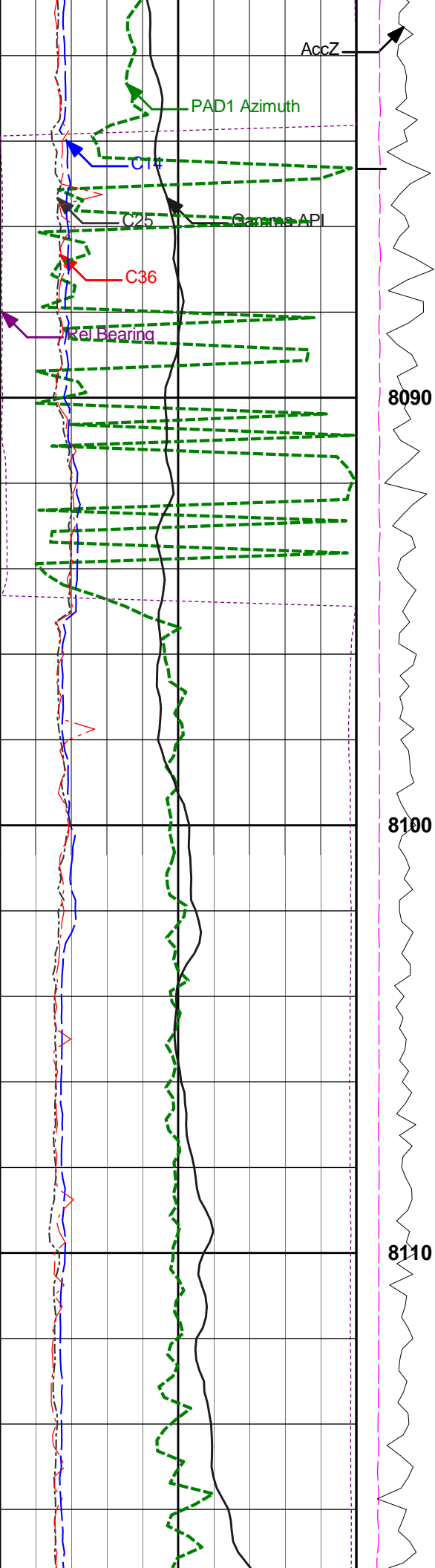


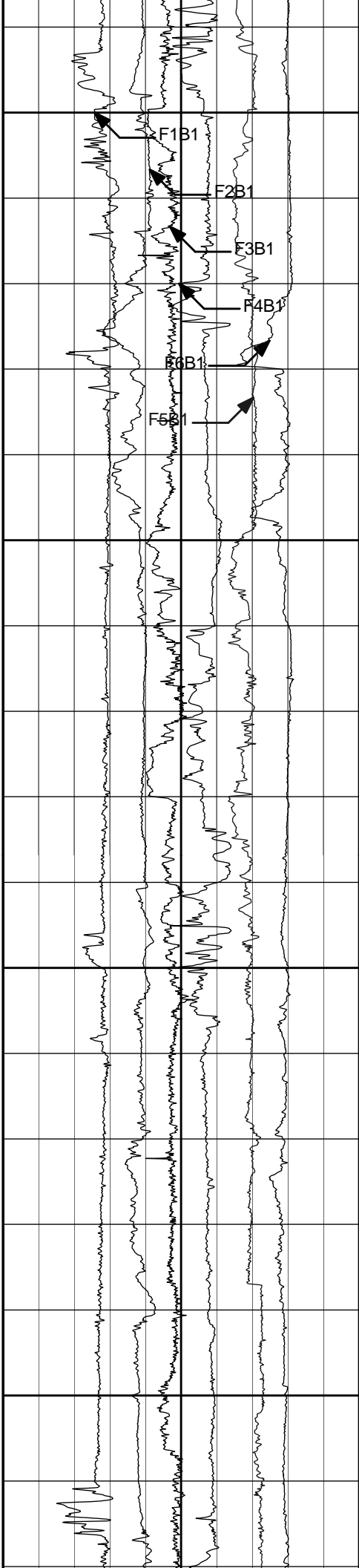
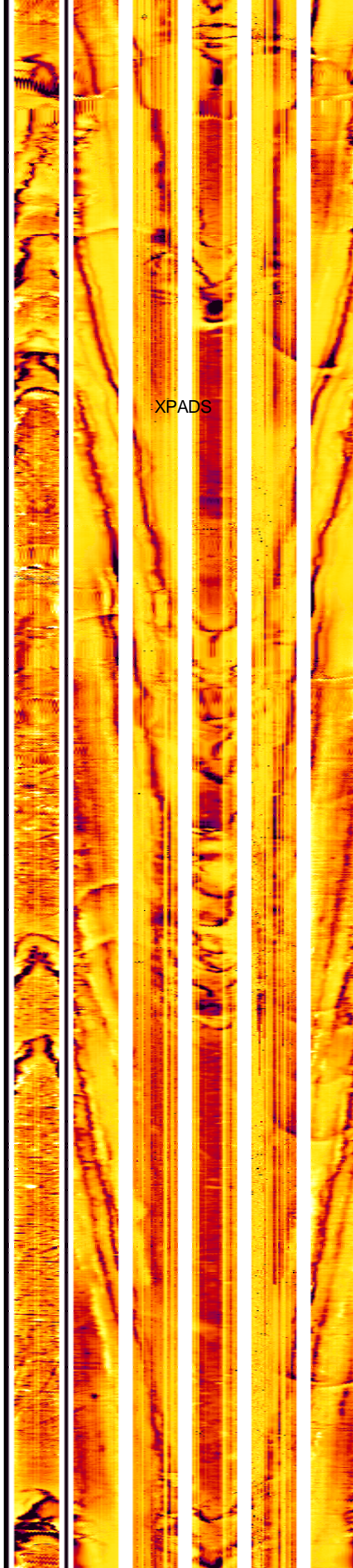
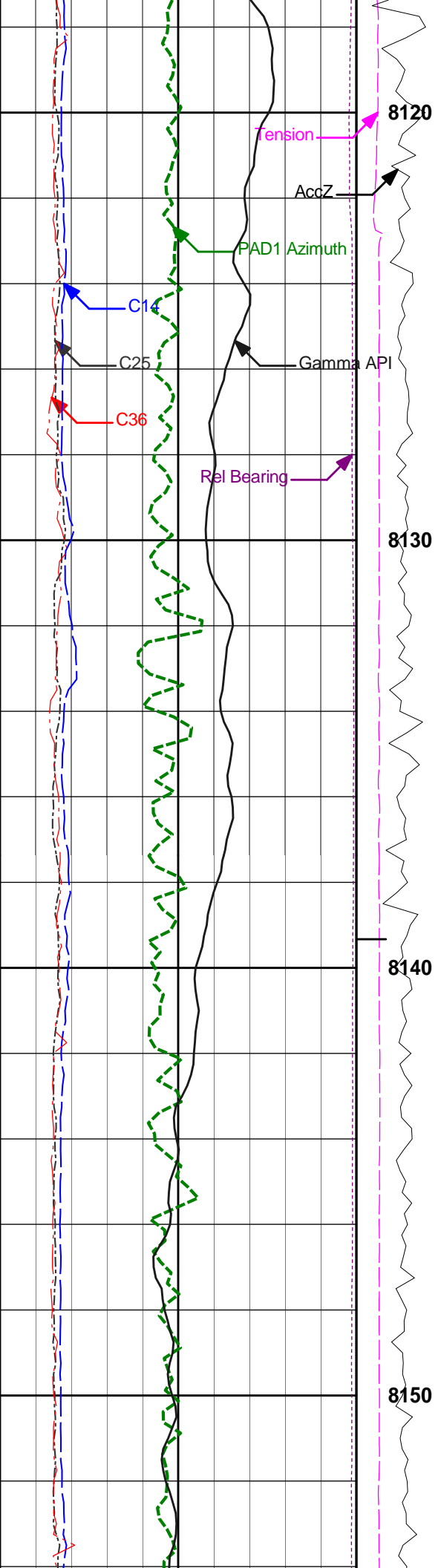


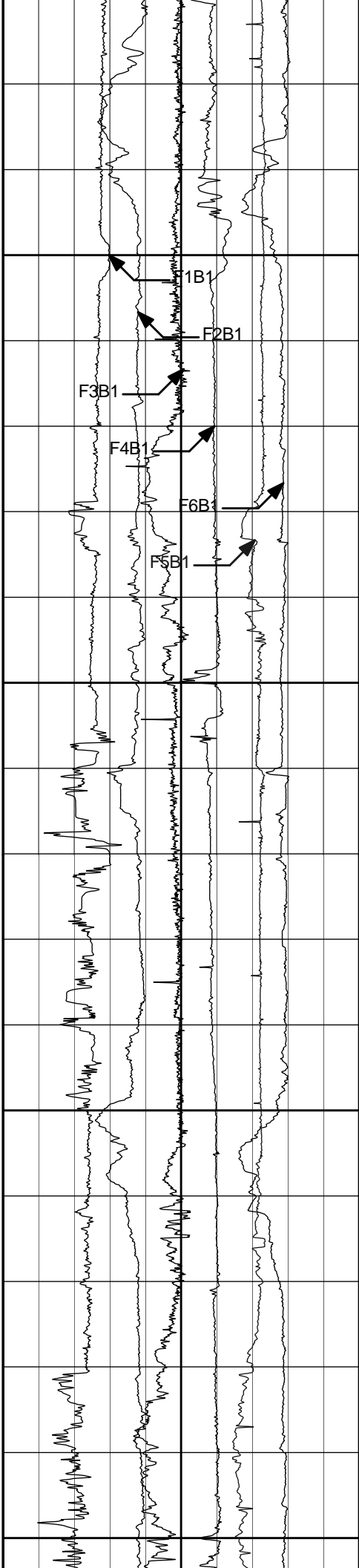
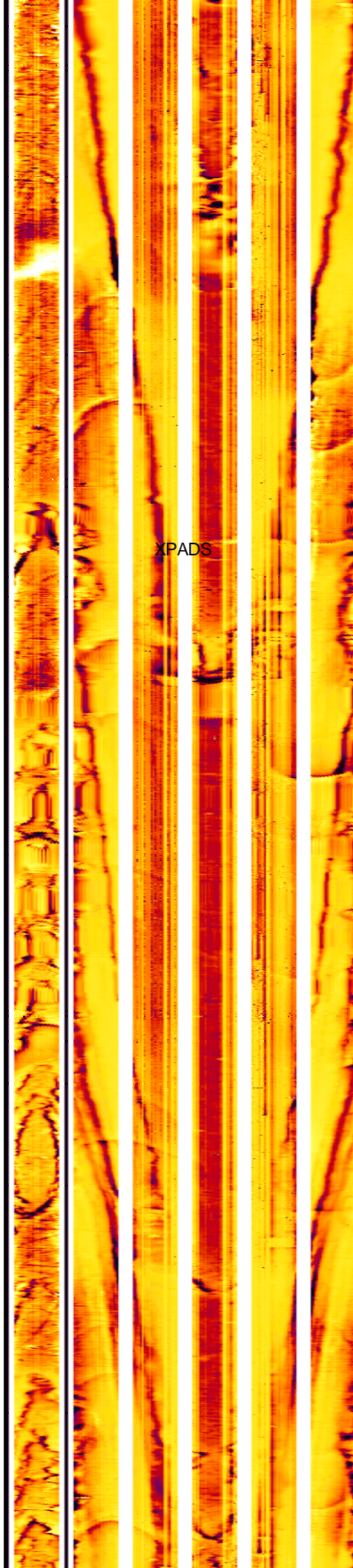
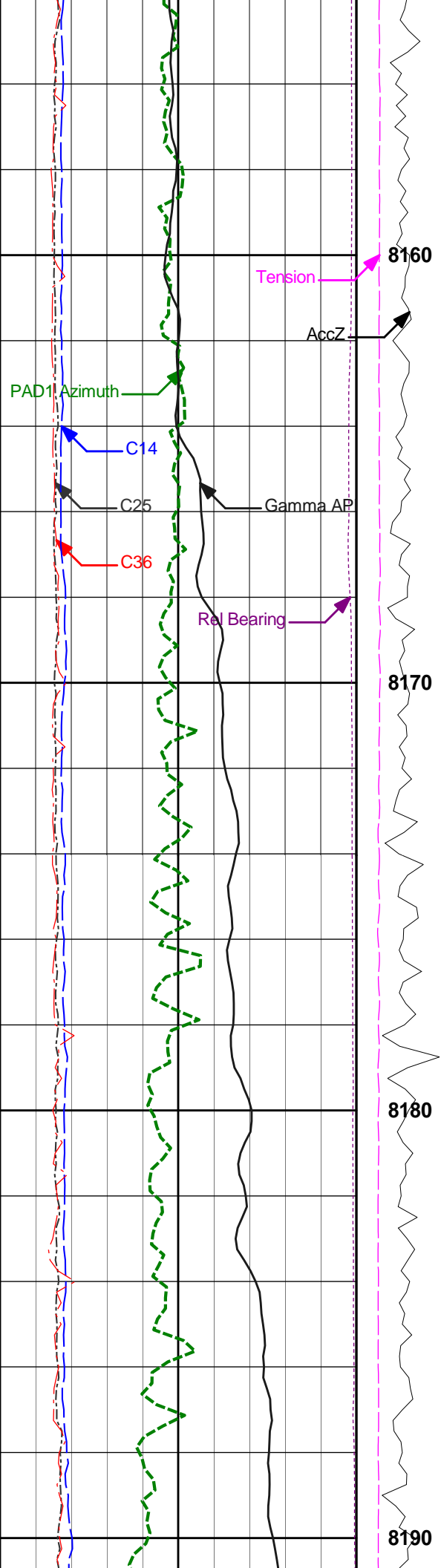


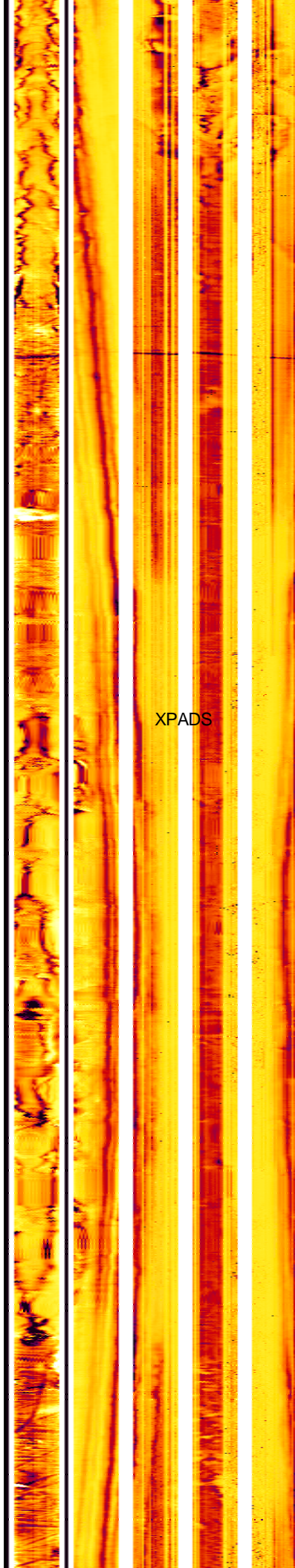
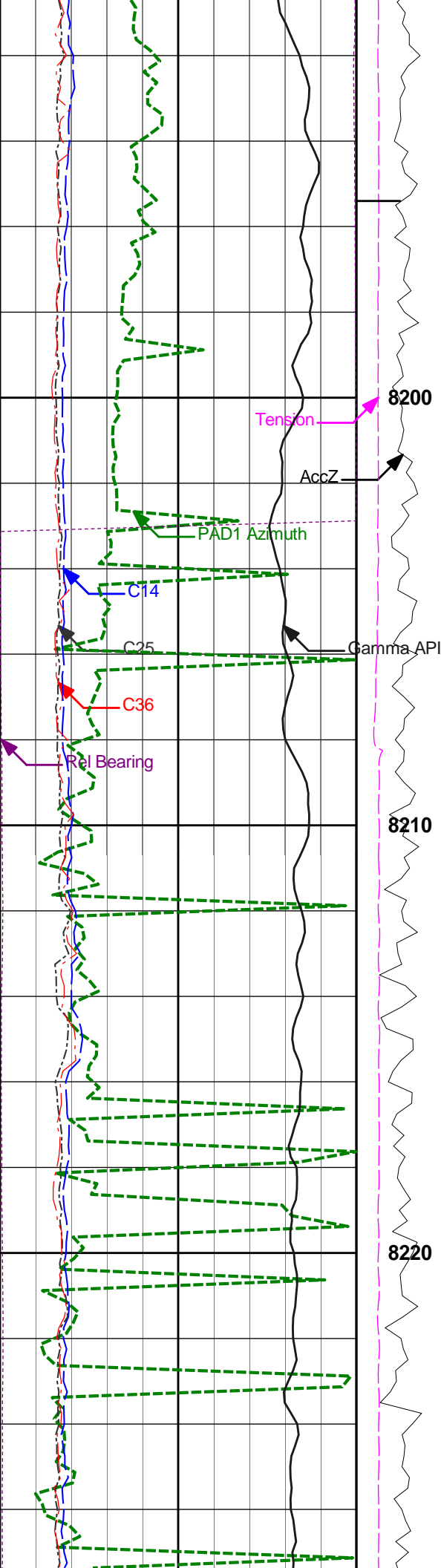




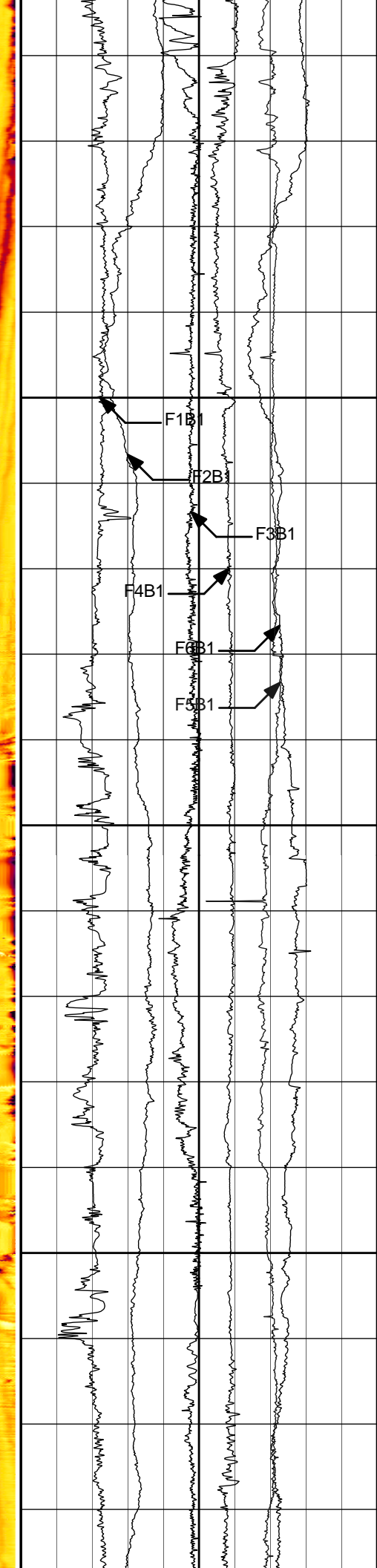


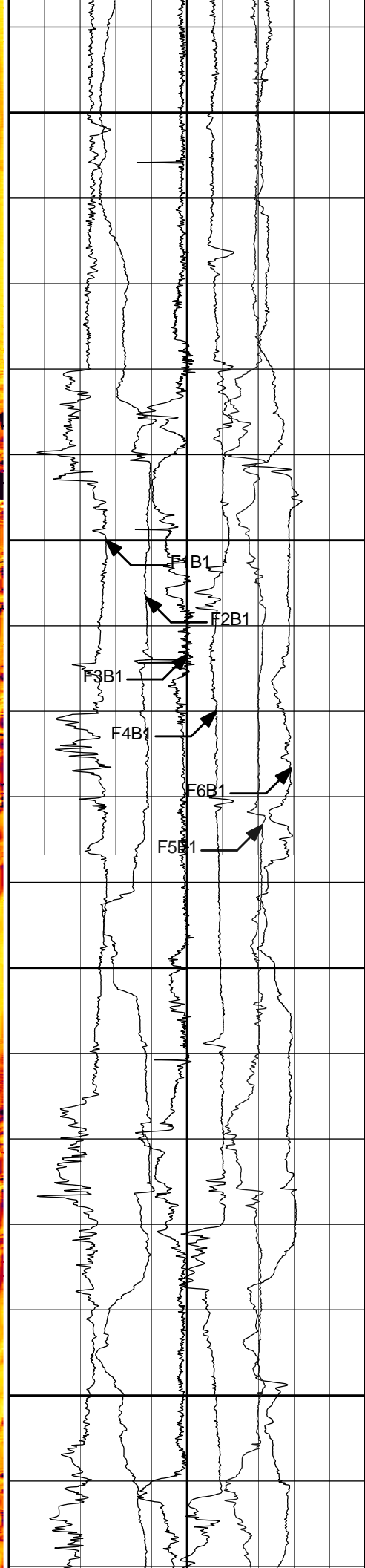
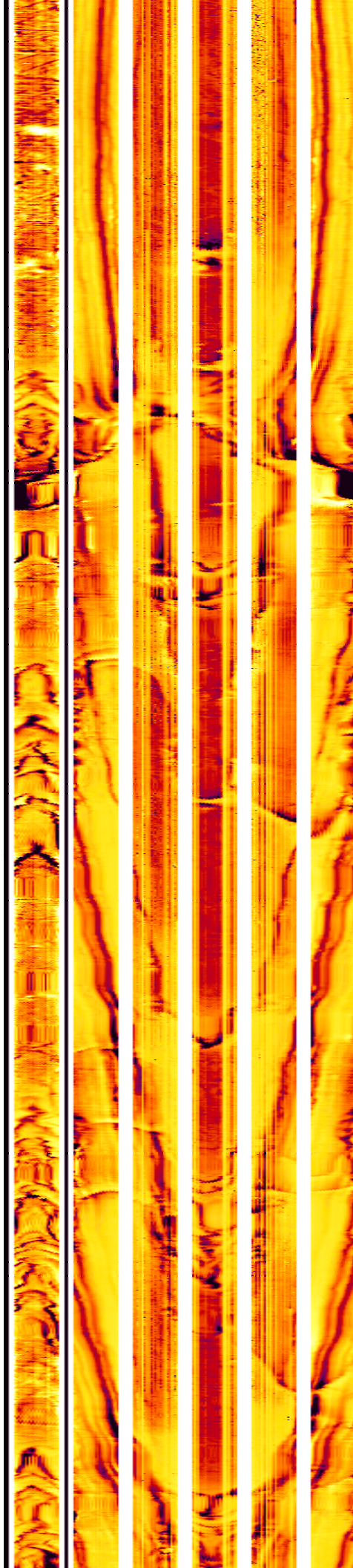
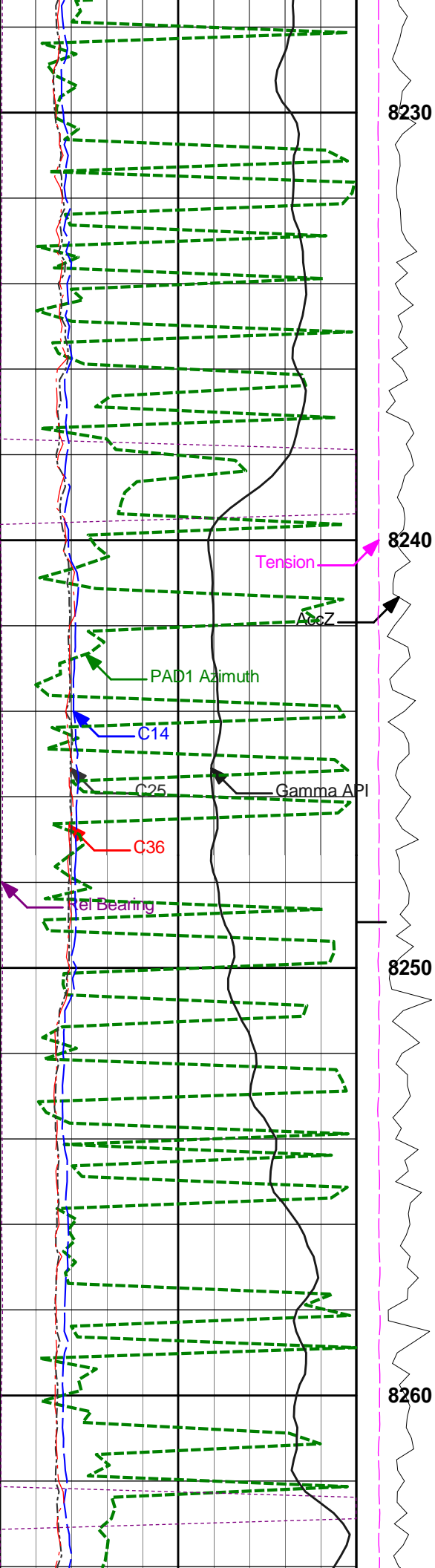


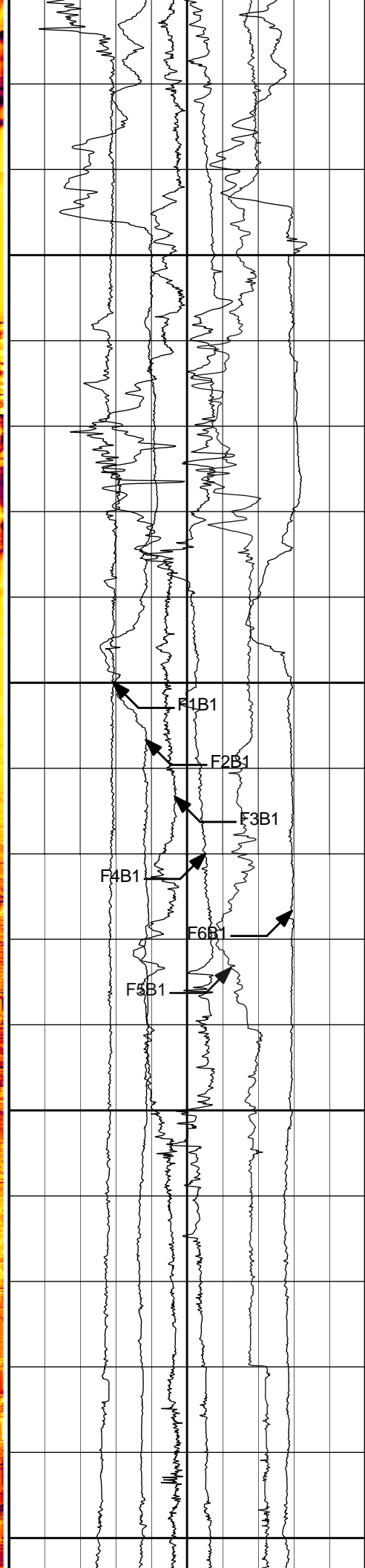
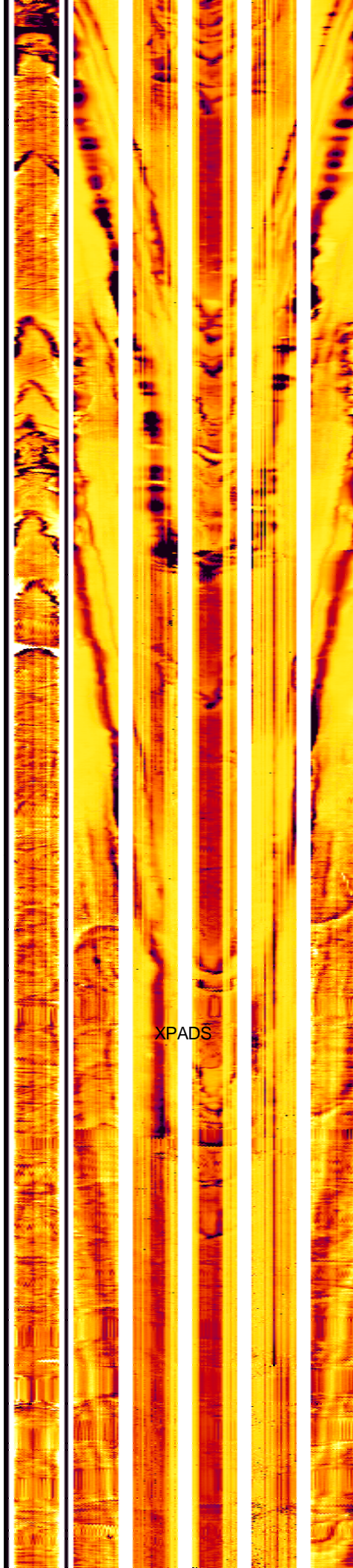
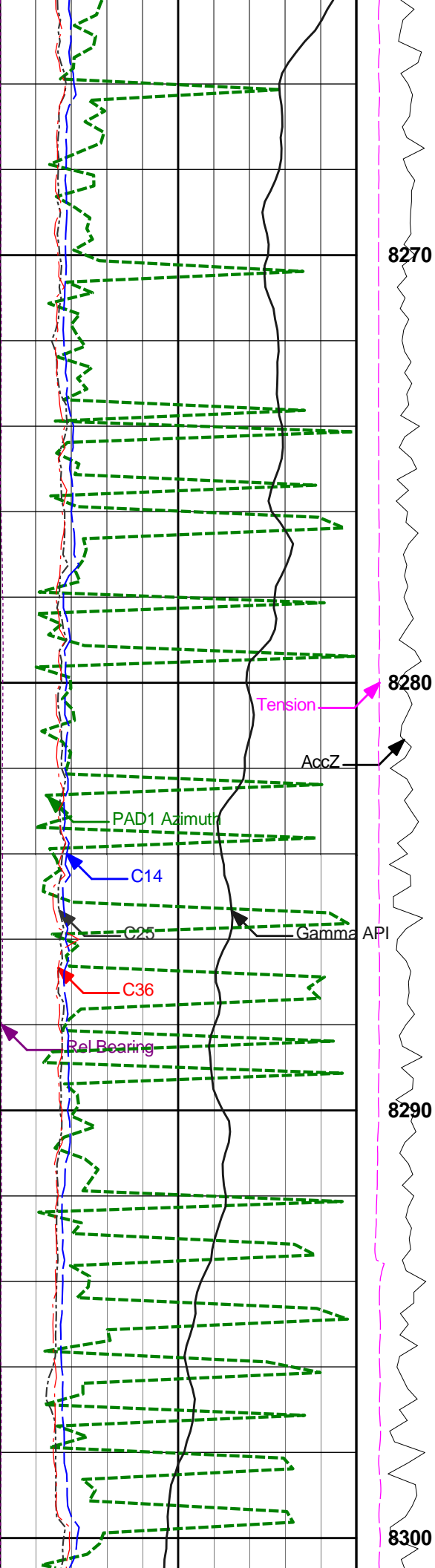


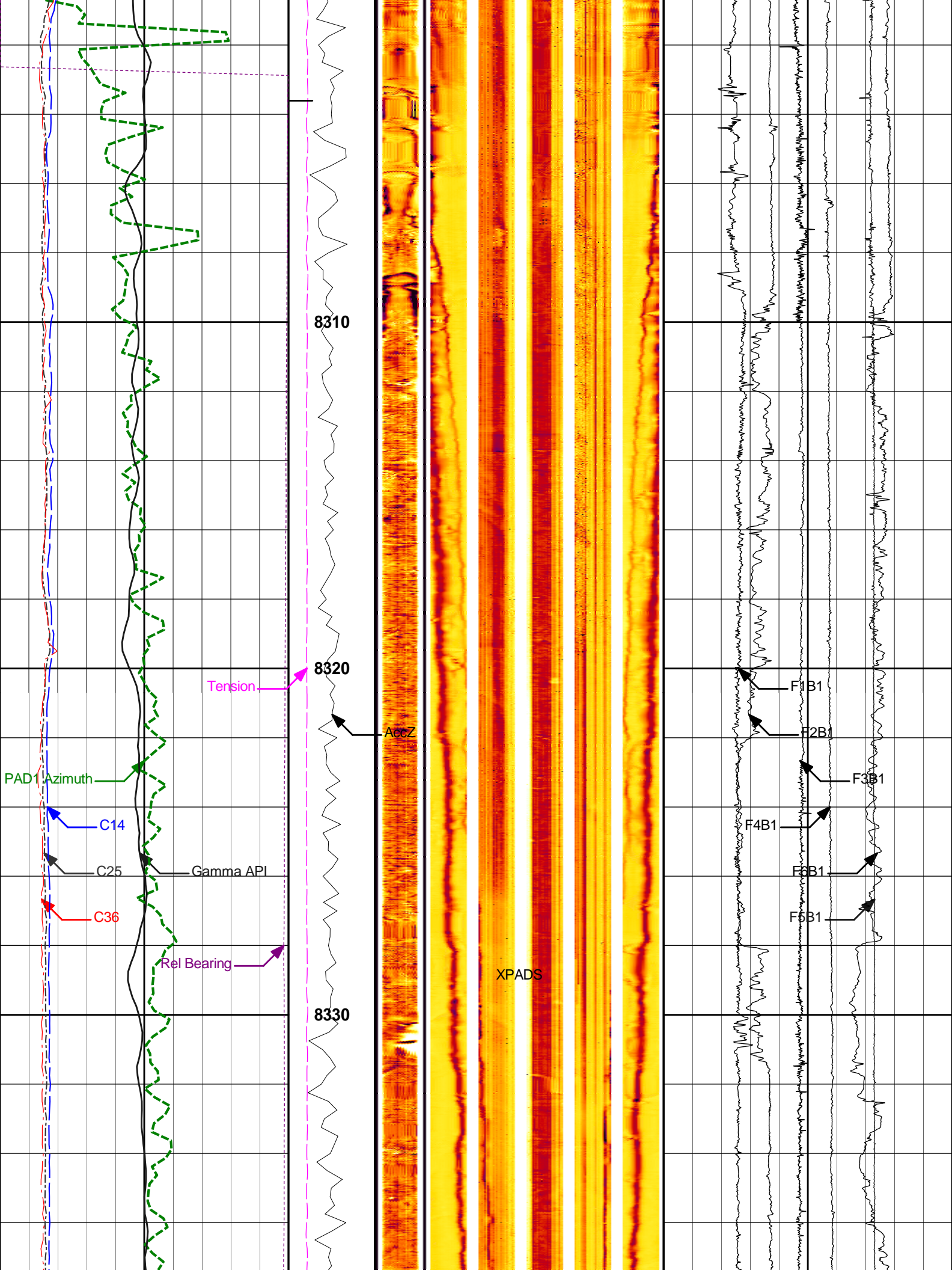


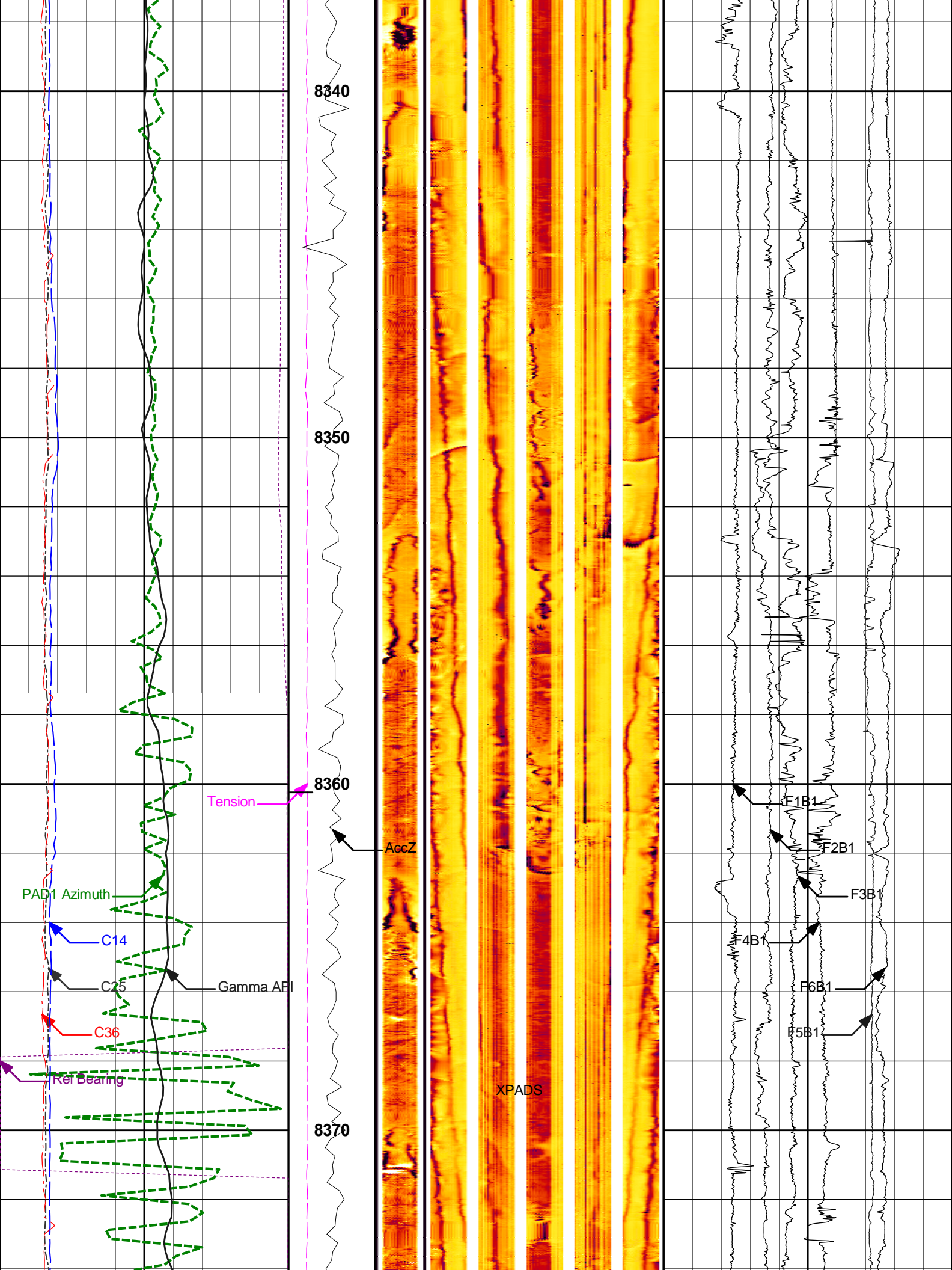
XPADS

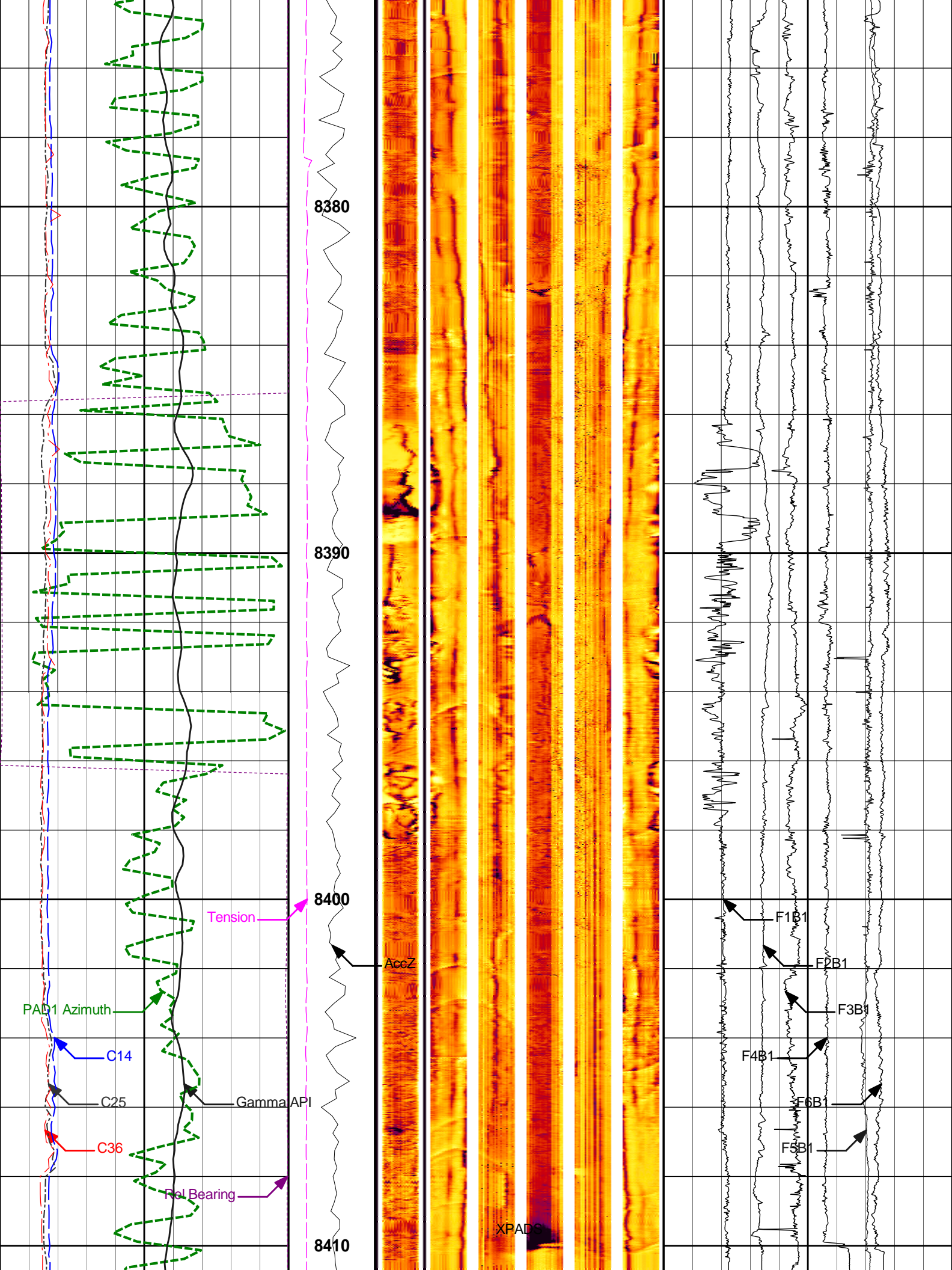


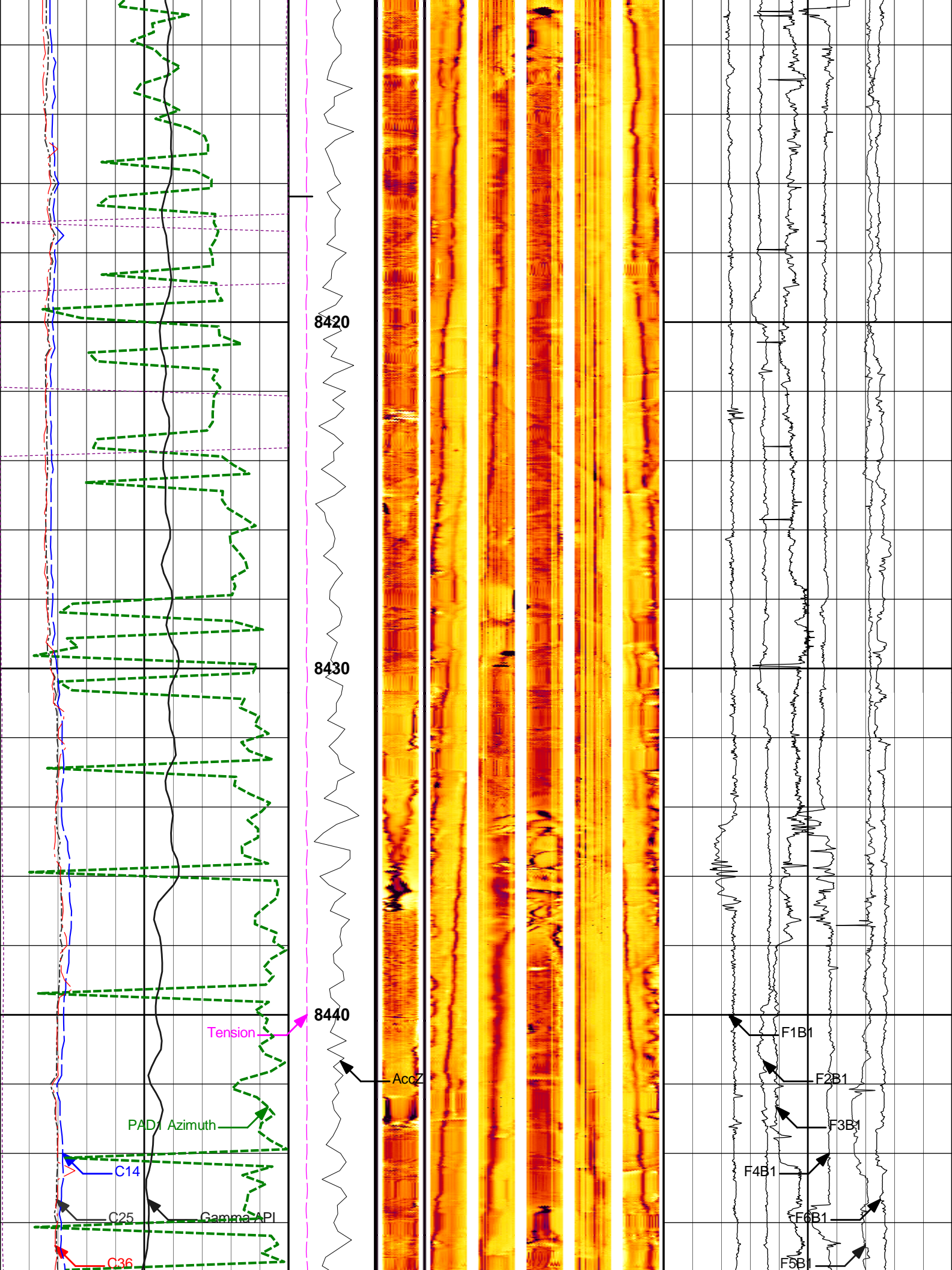


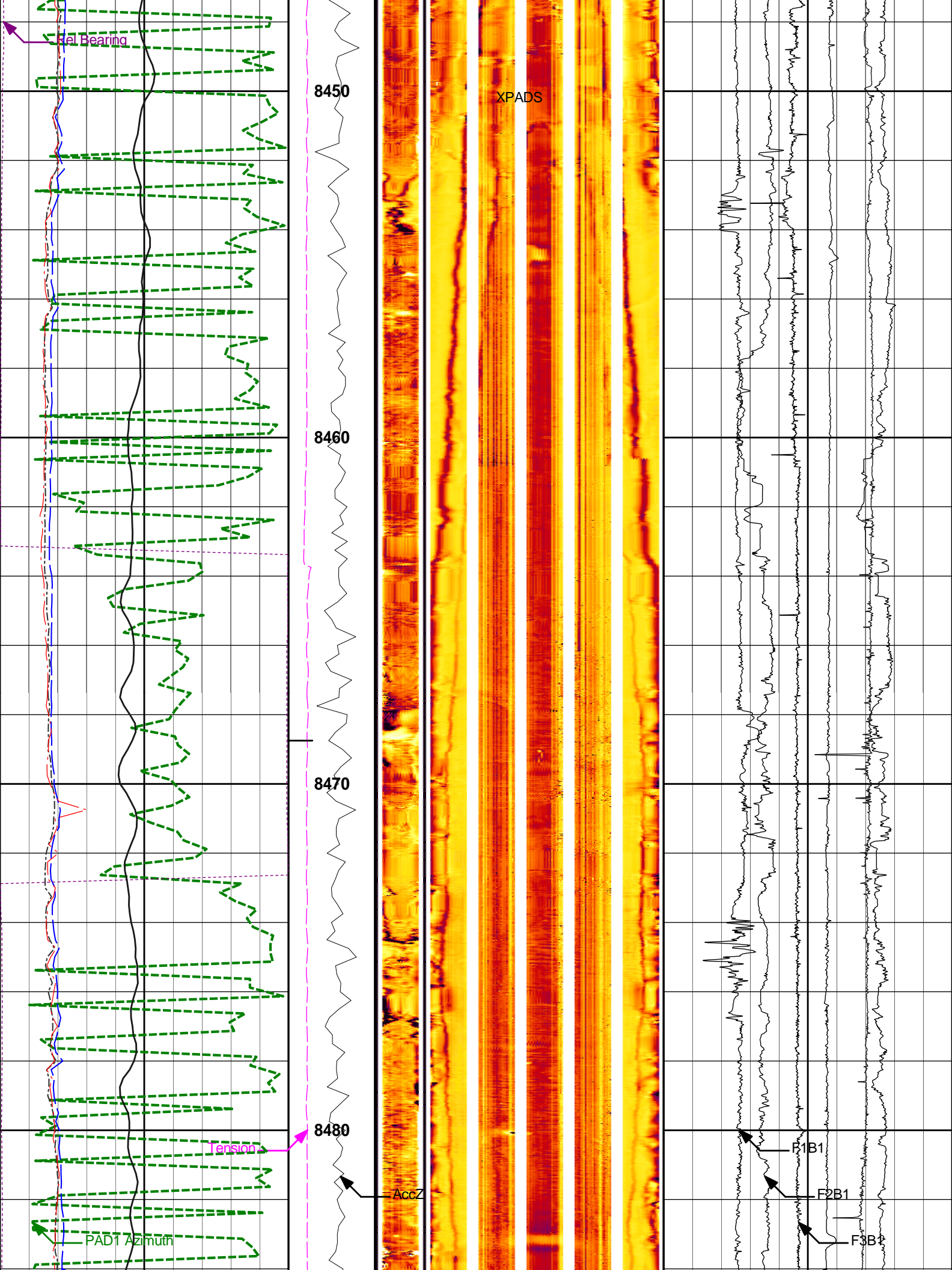


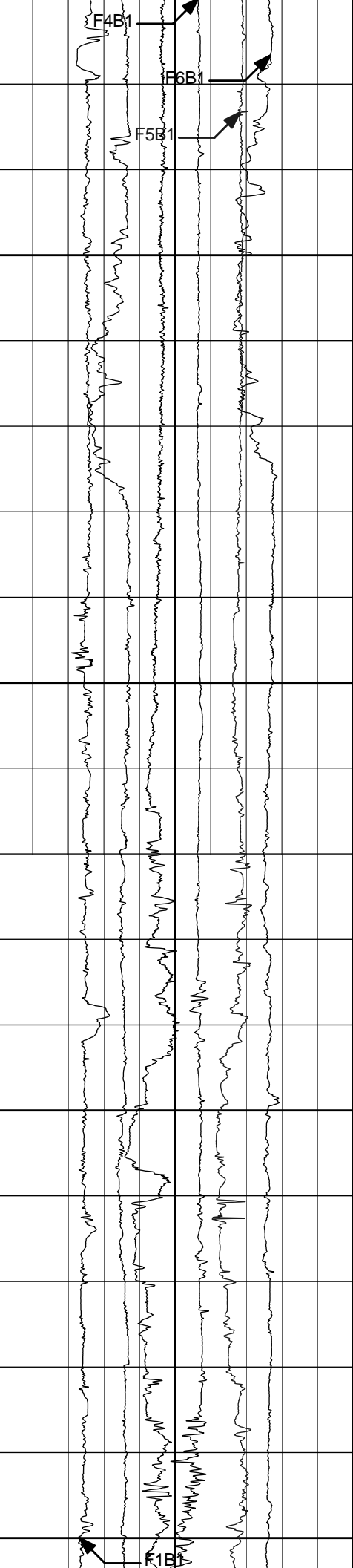
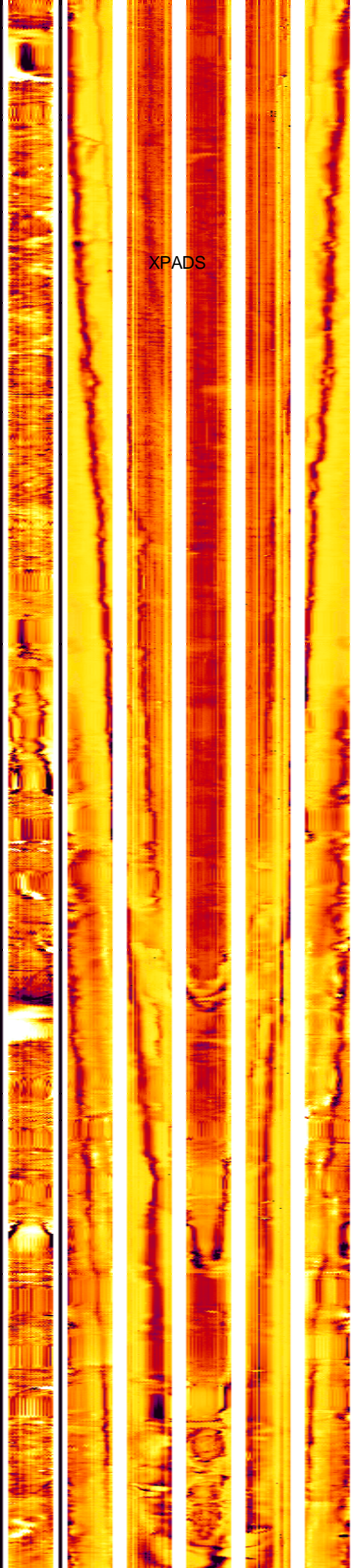
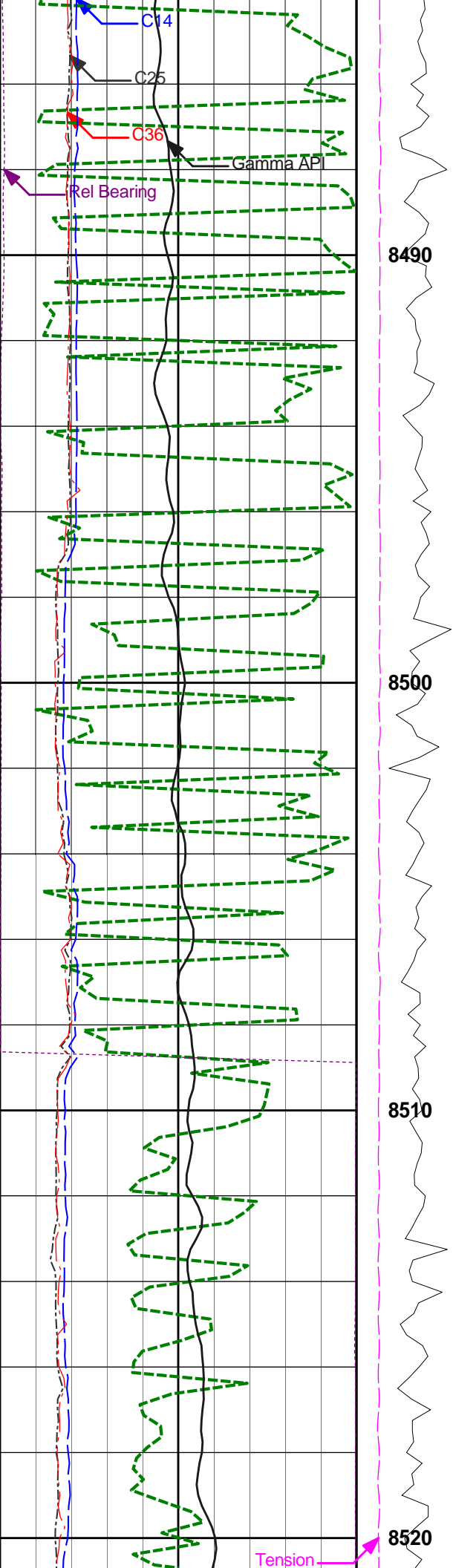


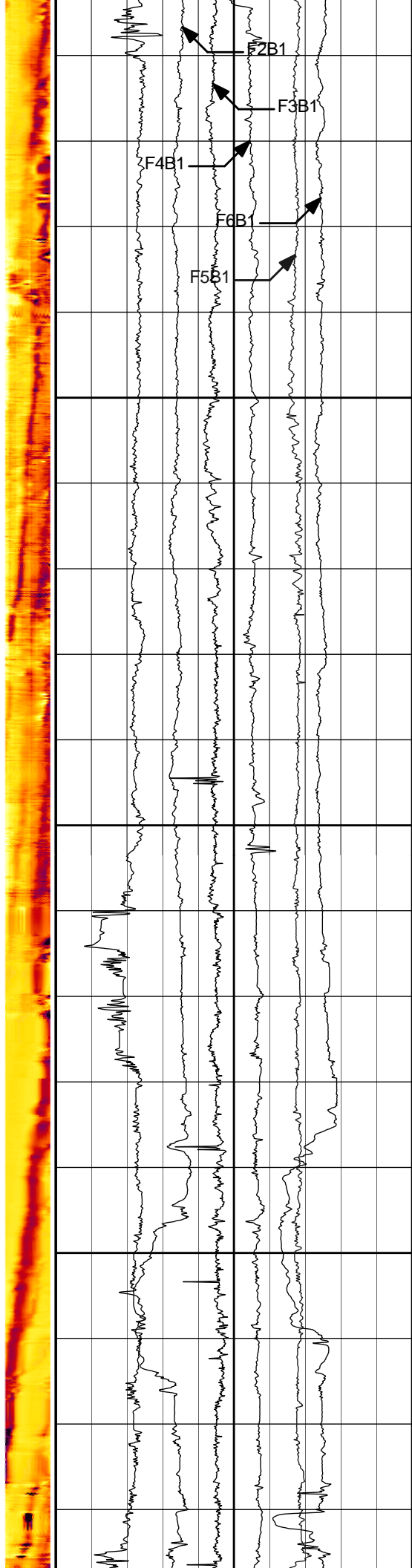
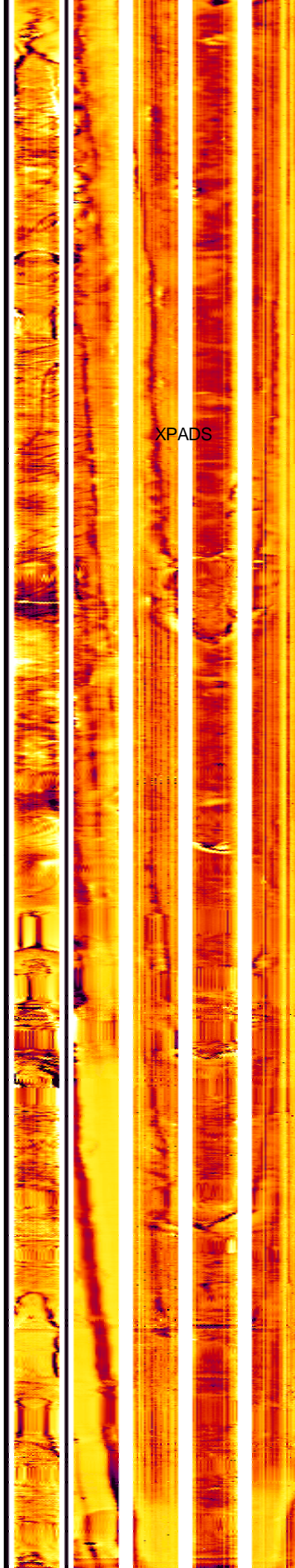
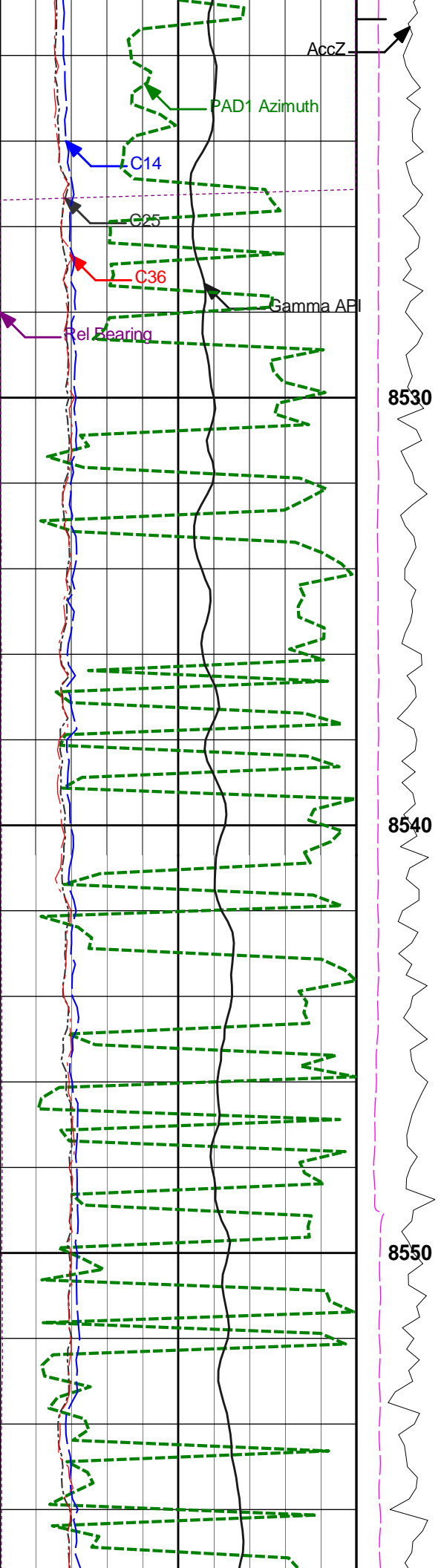


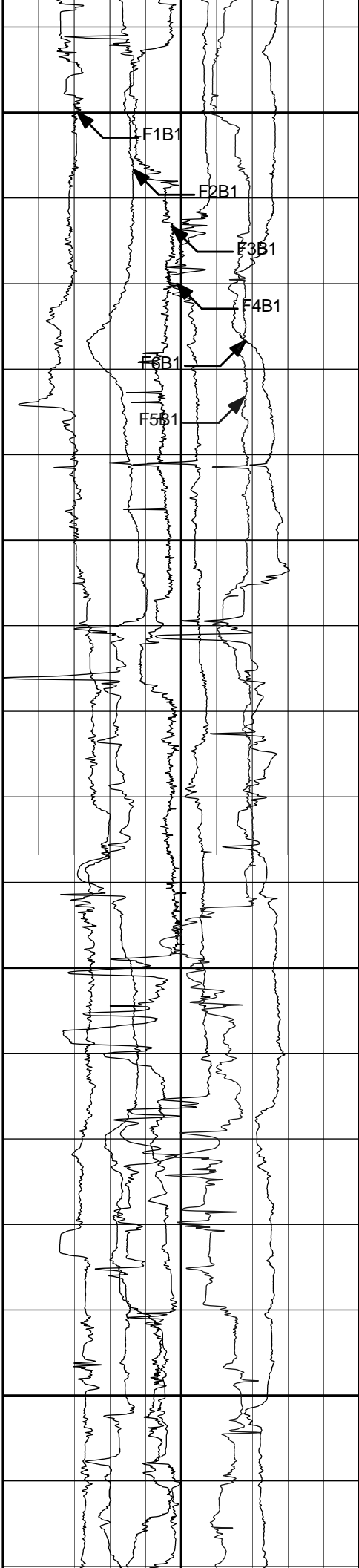
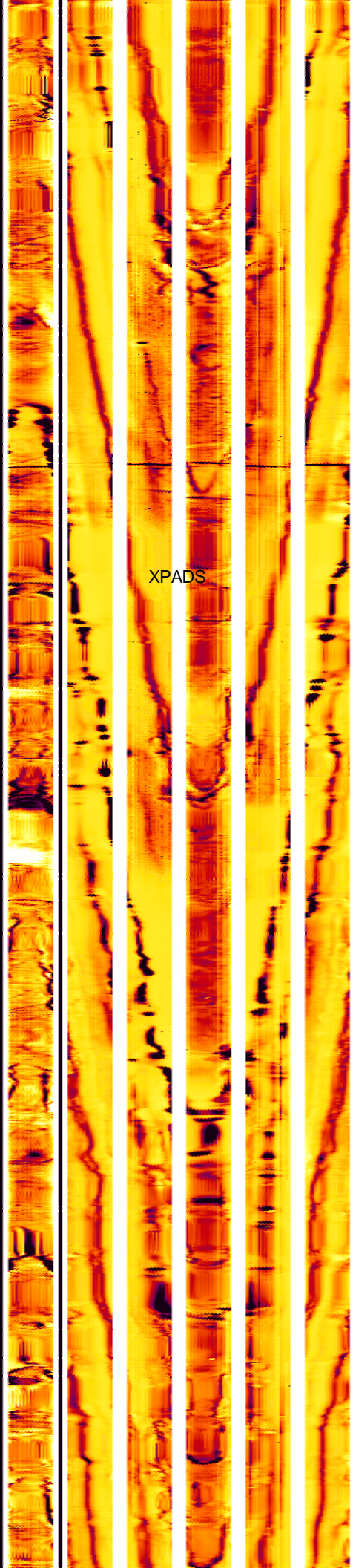
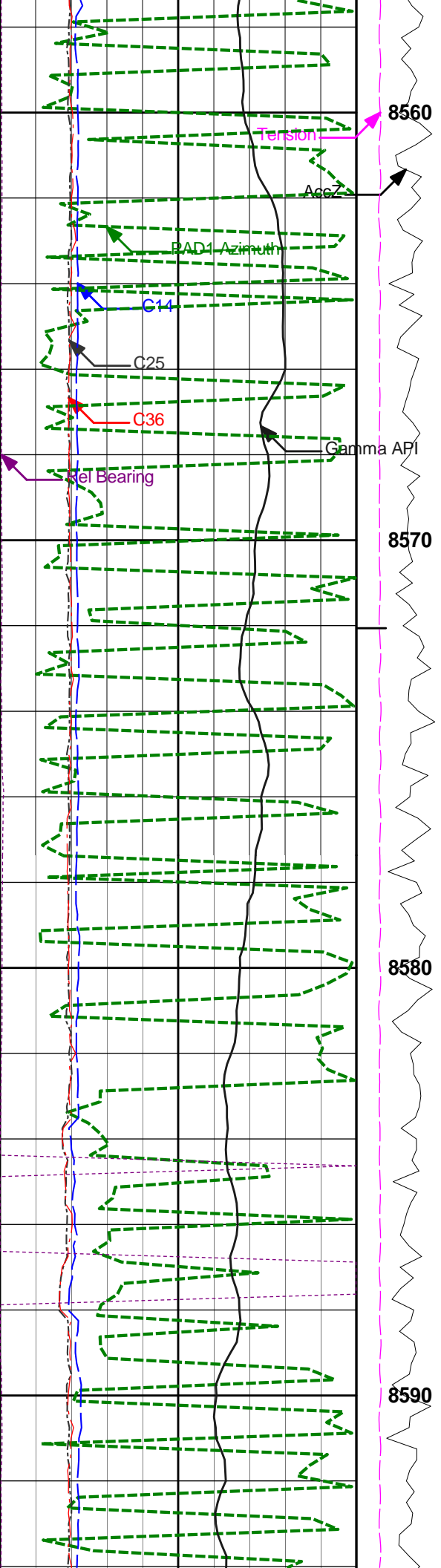


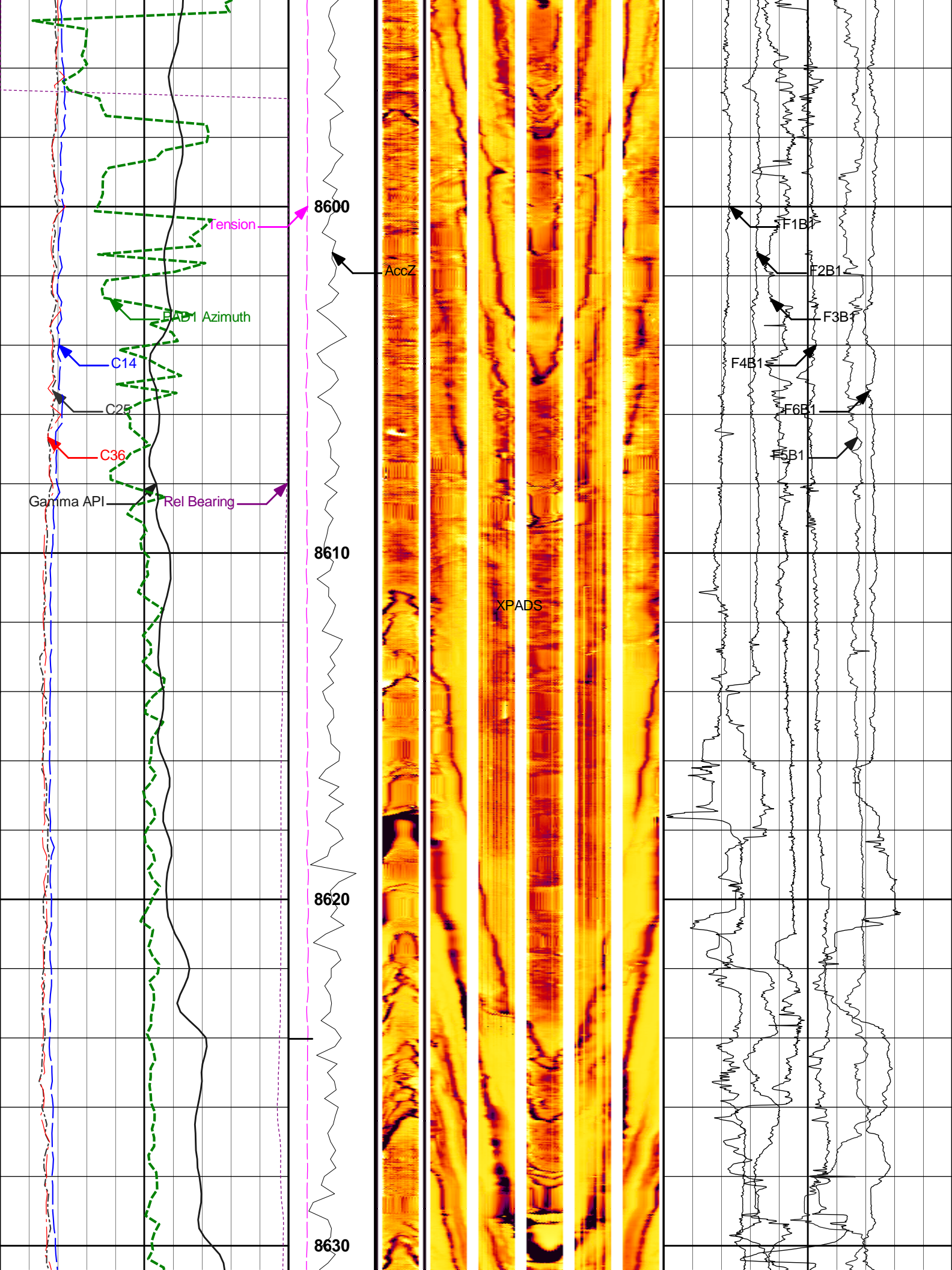












8600

Tension

AccZ

Borehole Azimuth

C14

C25

C36

Gamma API

Rel Bearing

8610

XPADS

8620

8630

F1B1

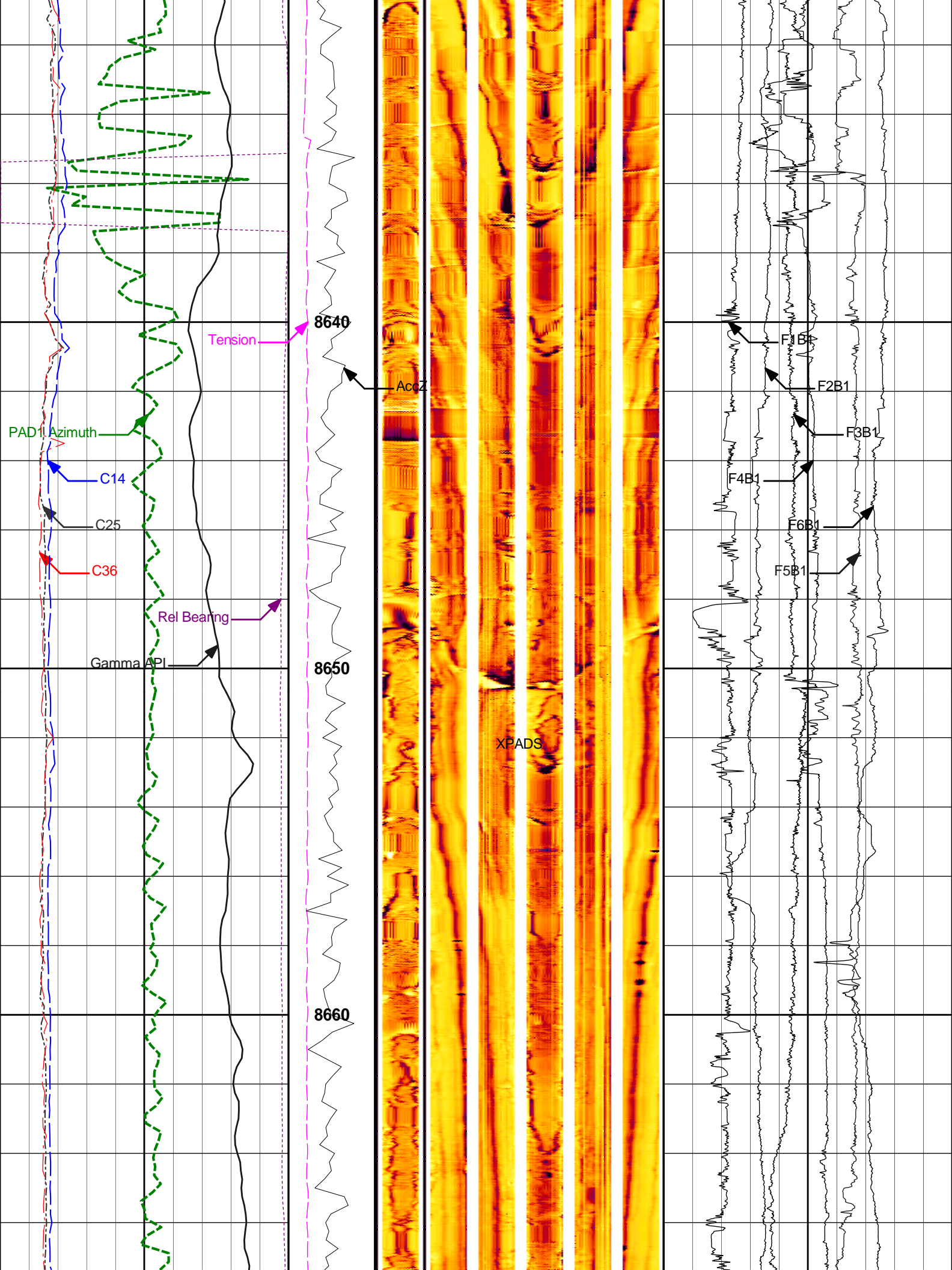
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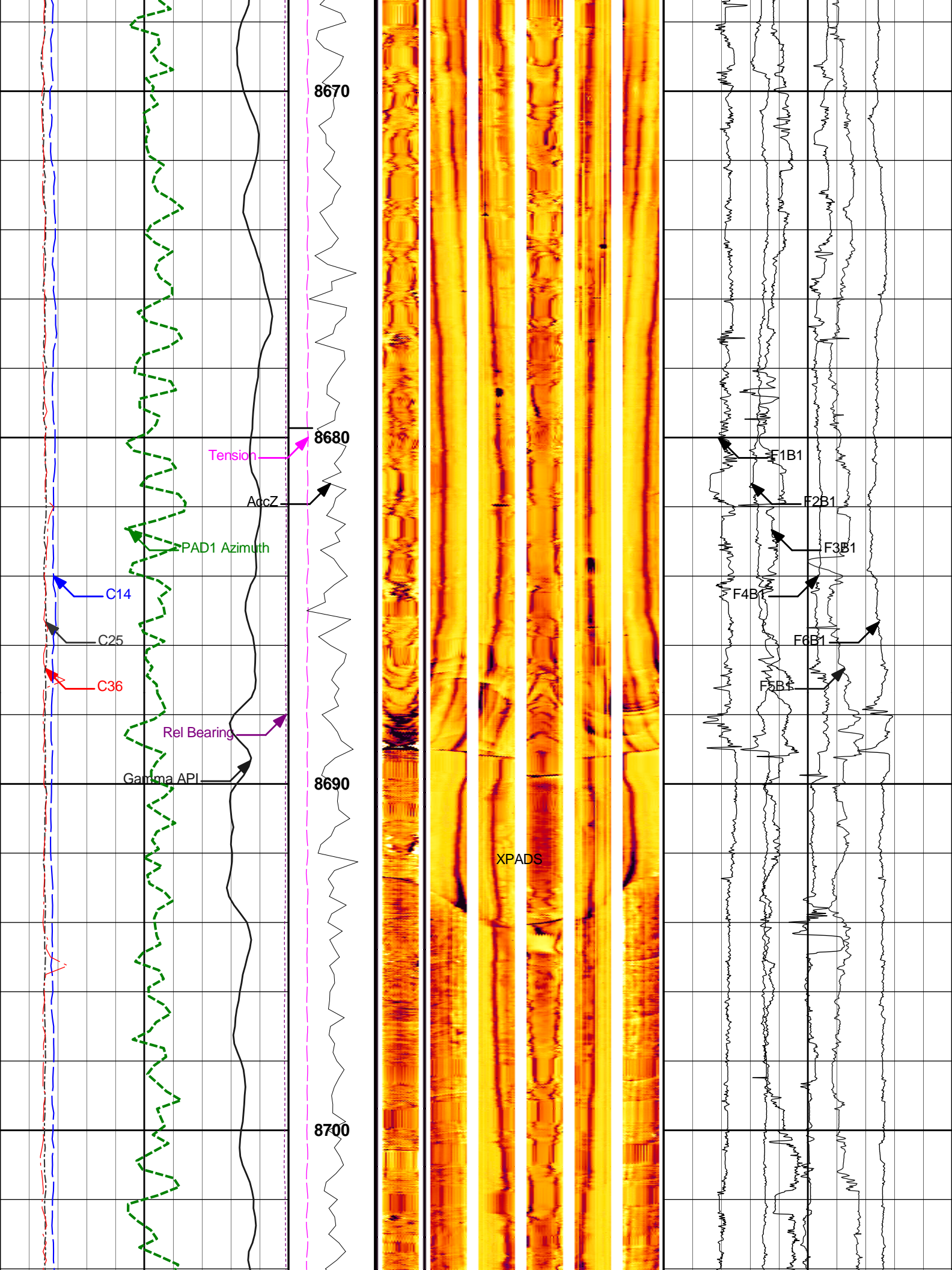
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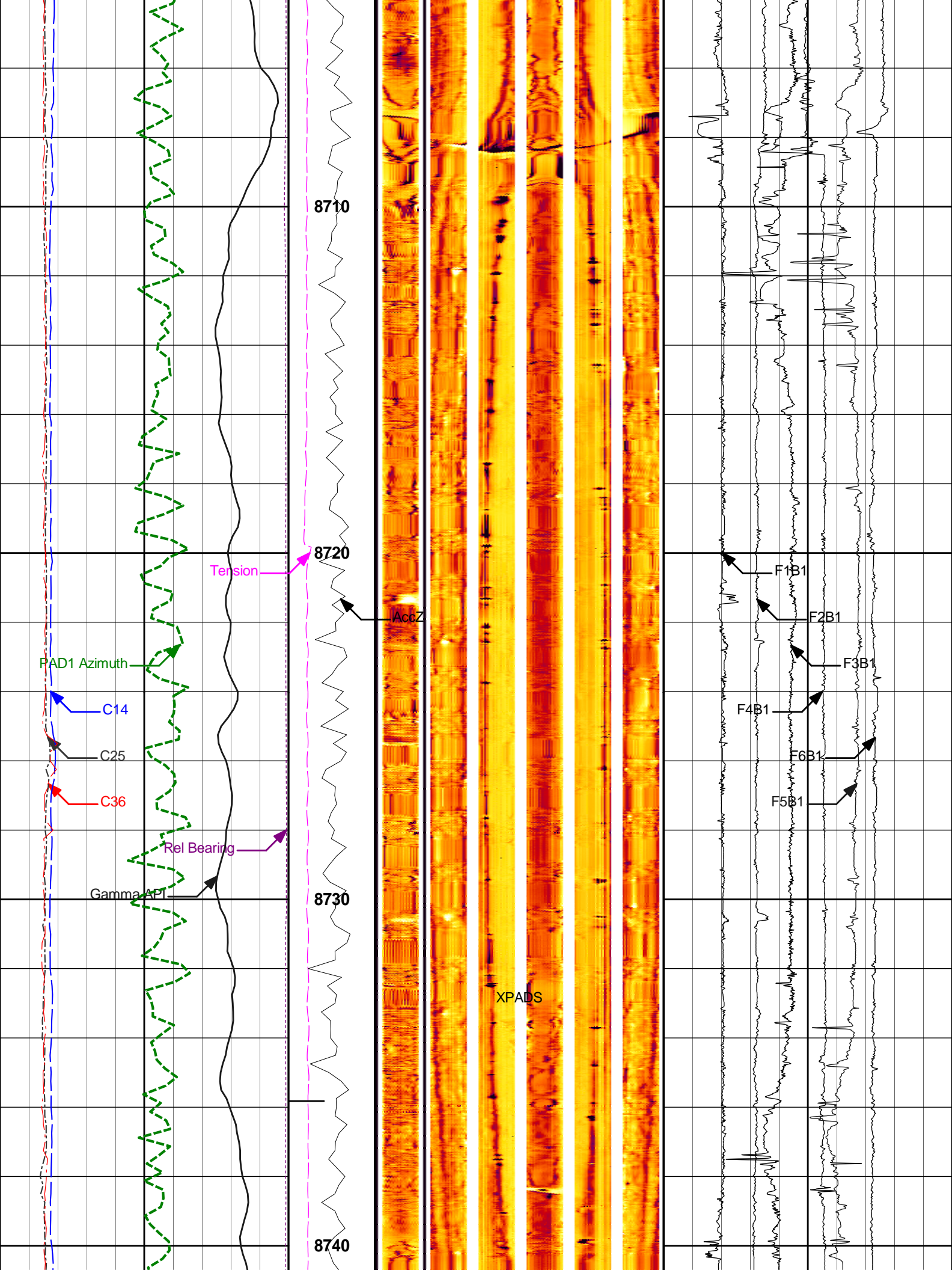
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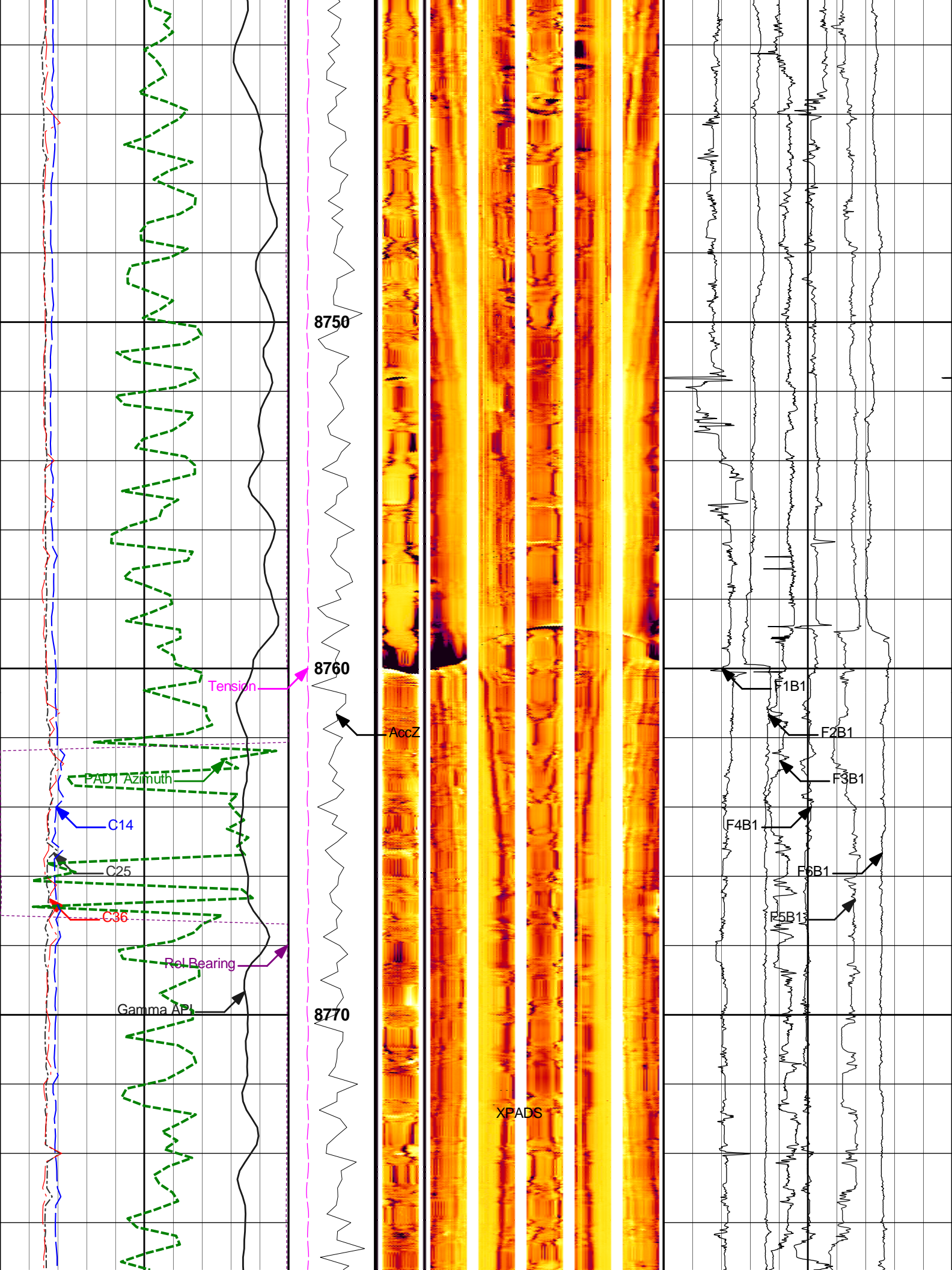
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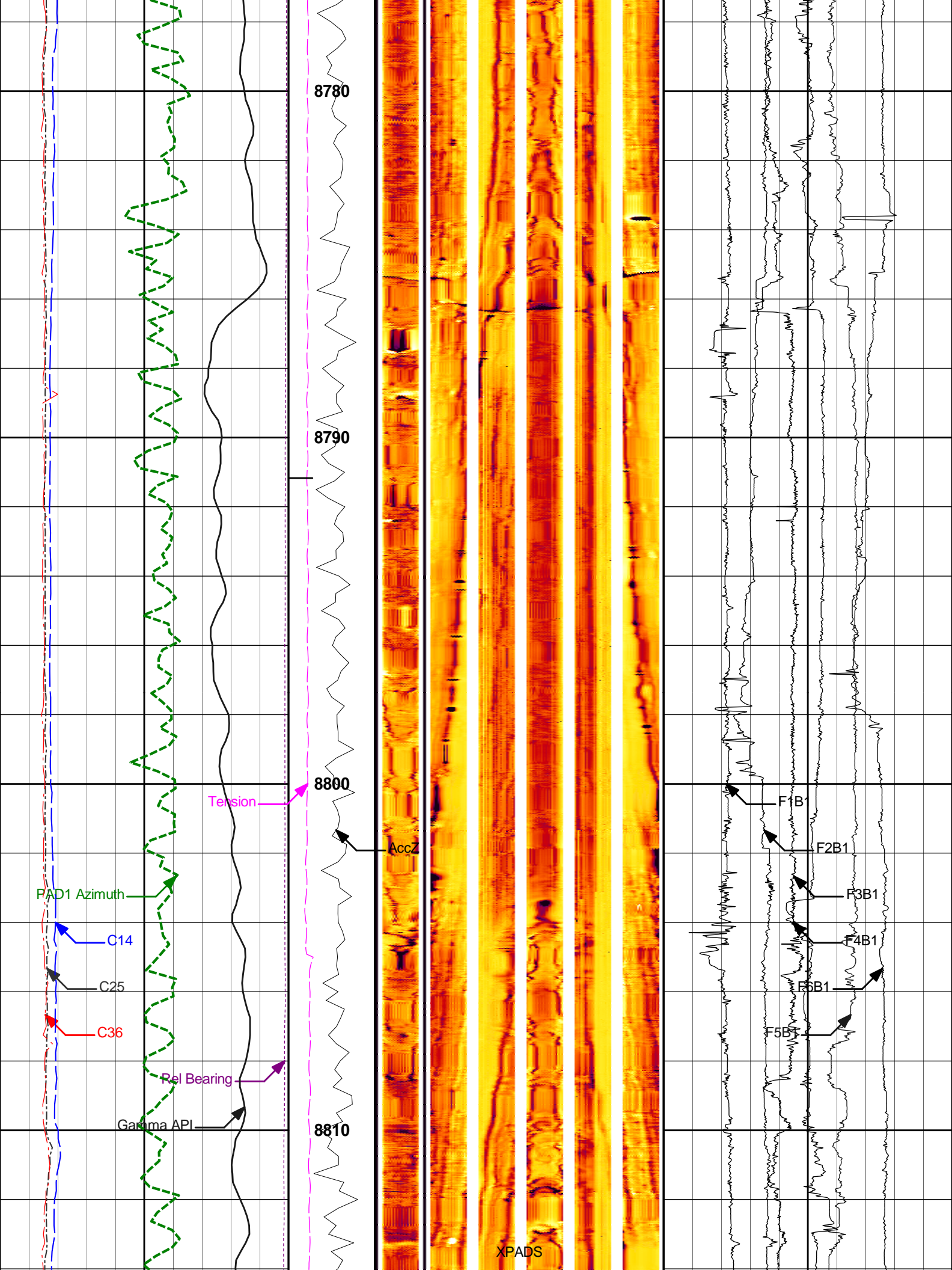
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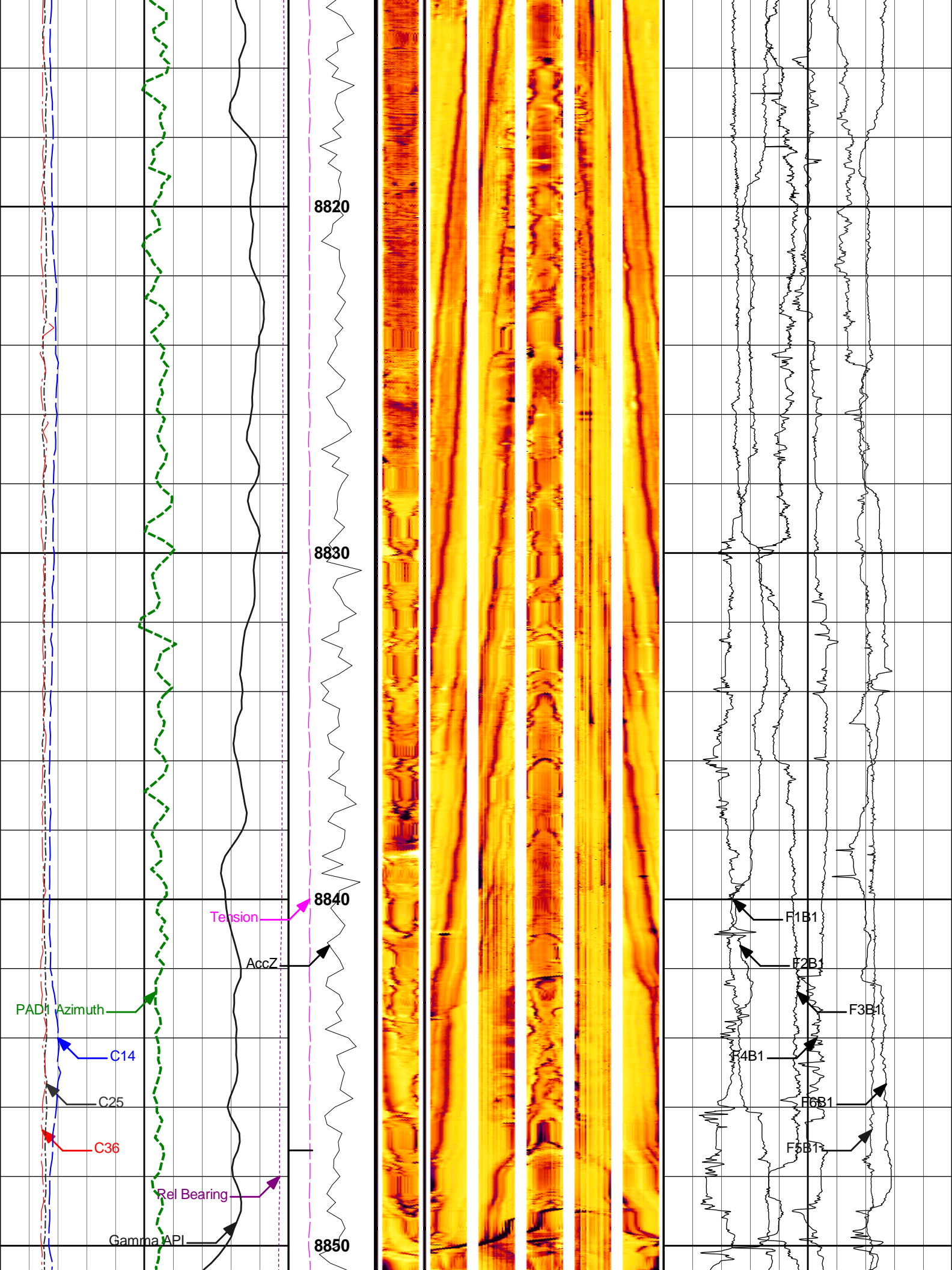


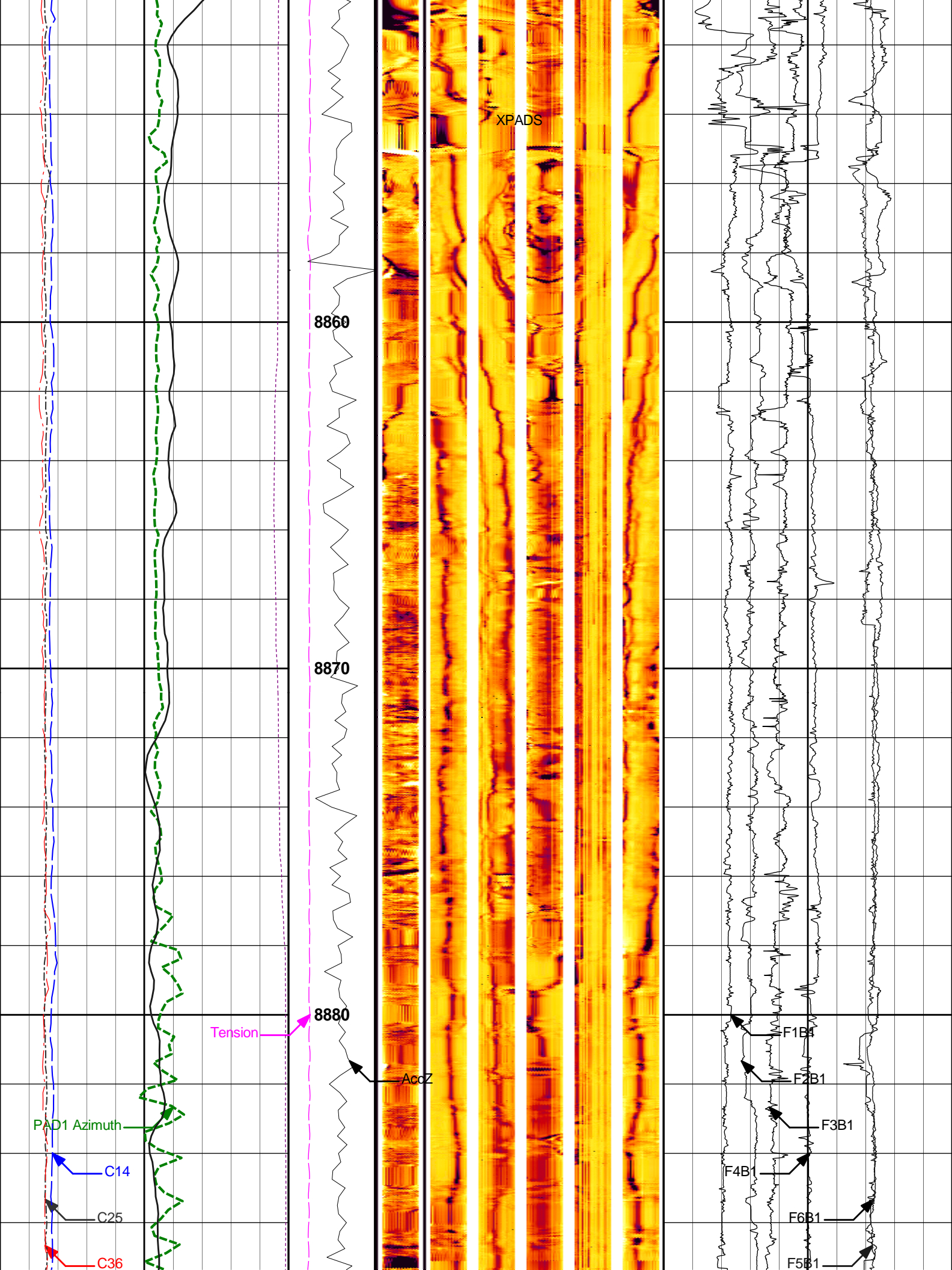


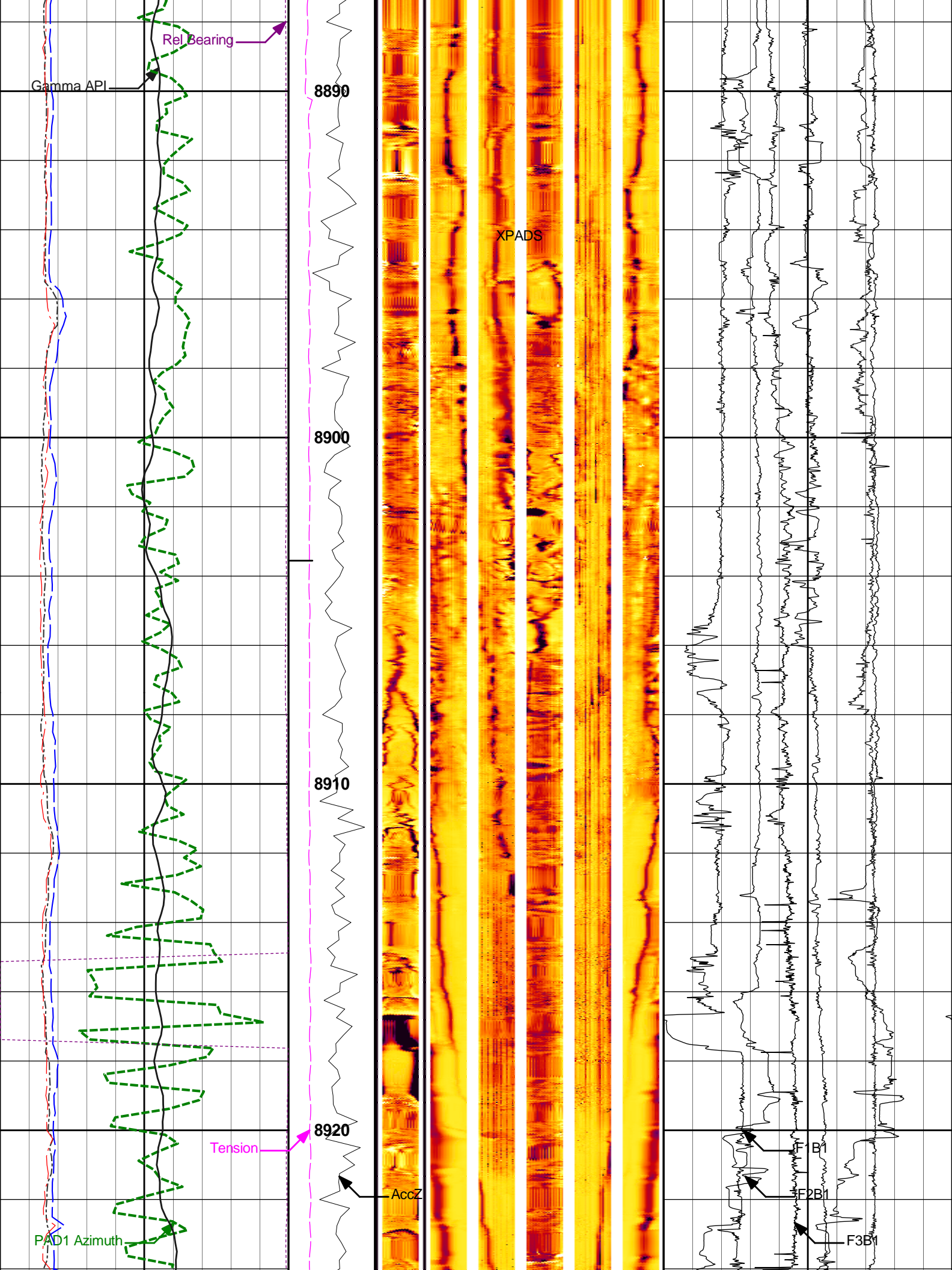


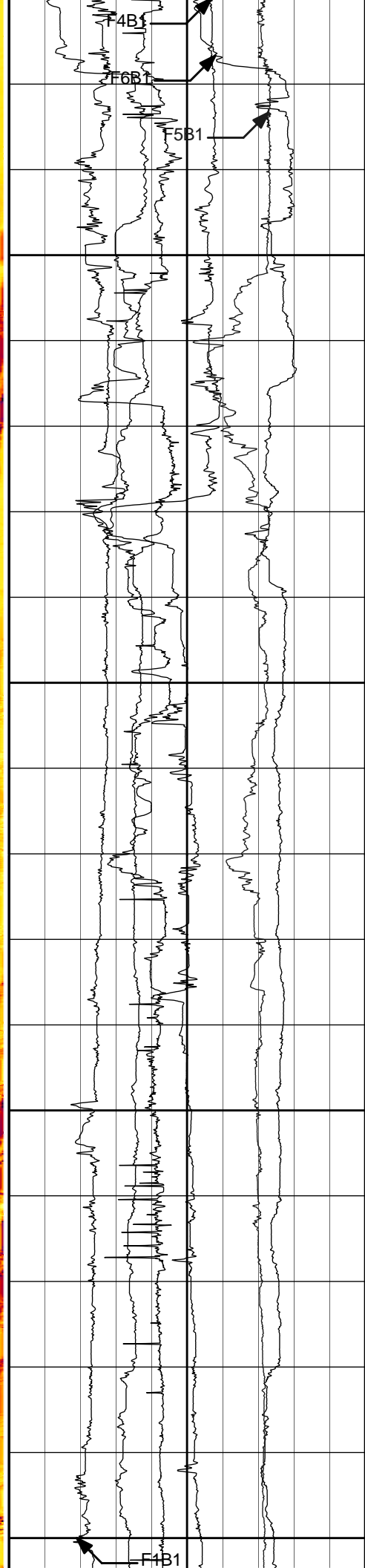
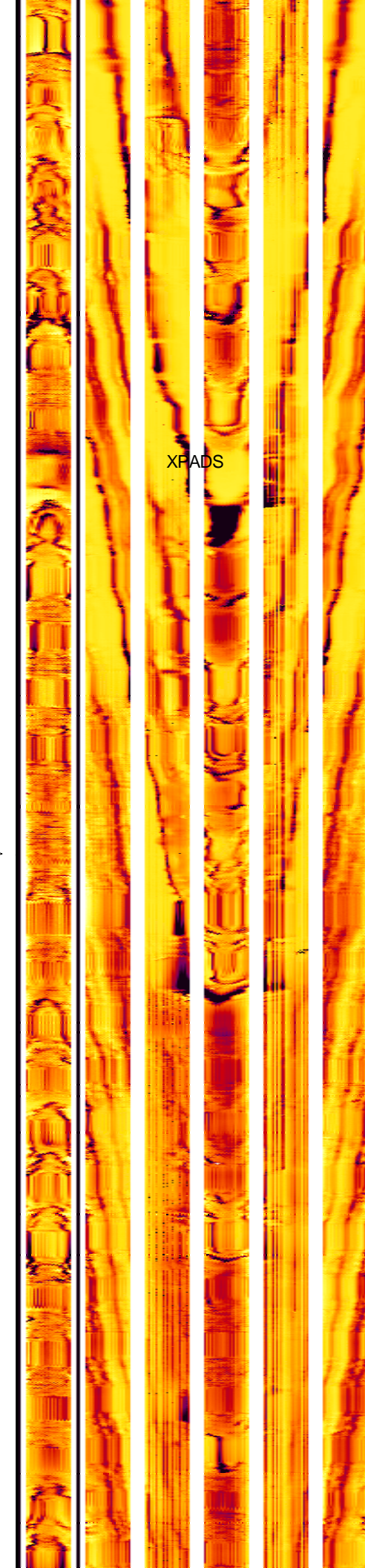
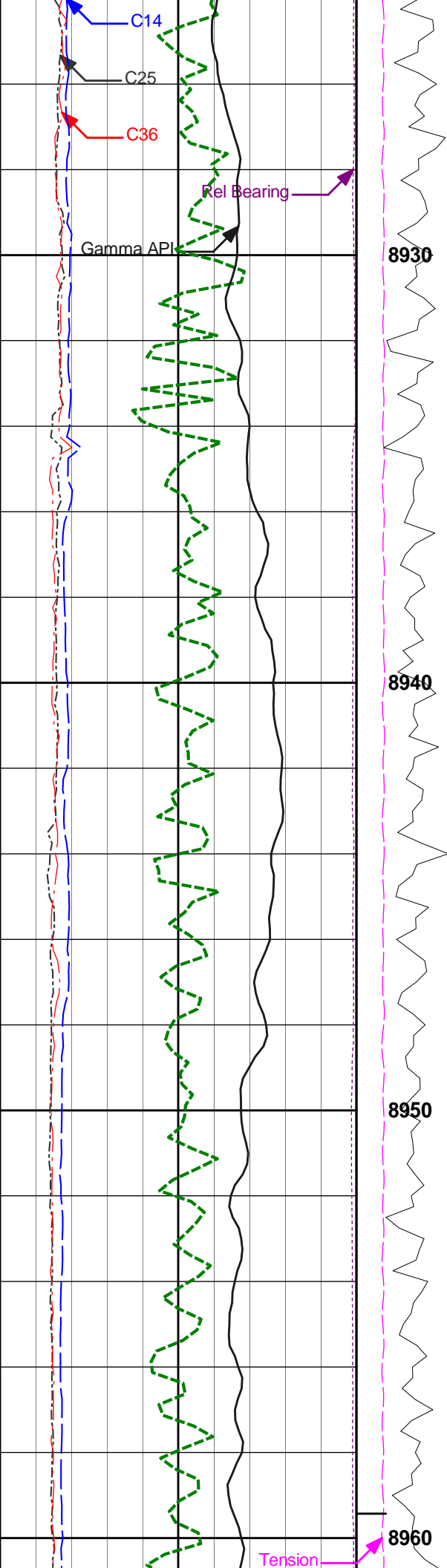


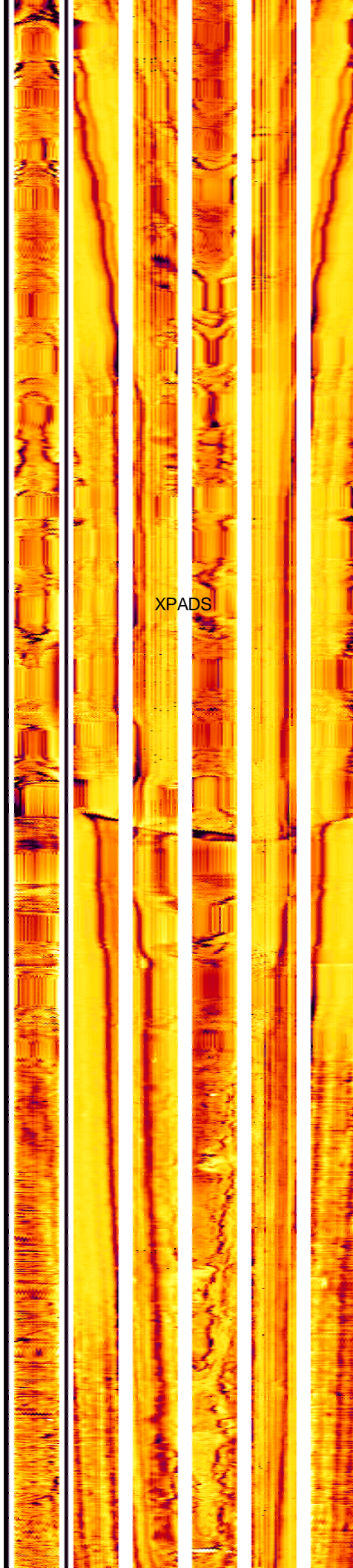
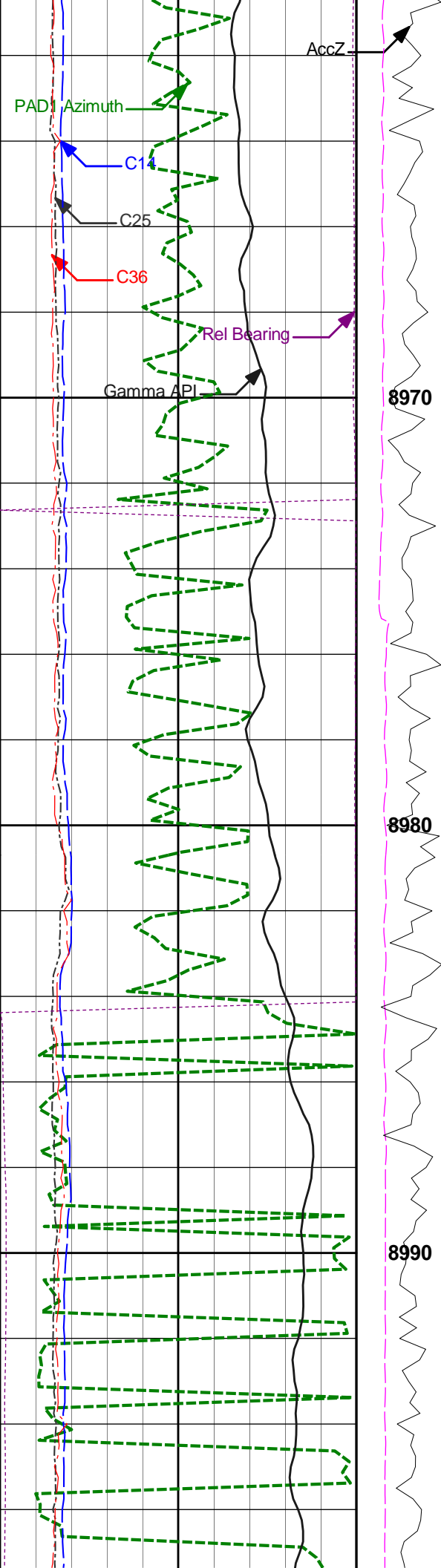




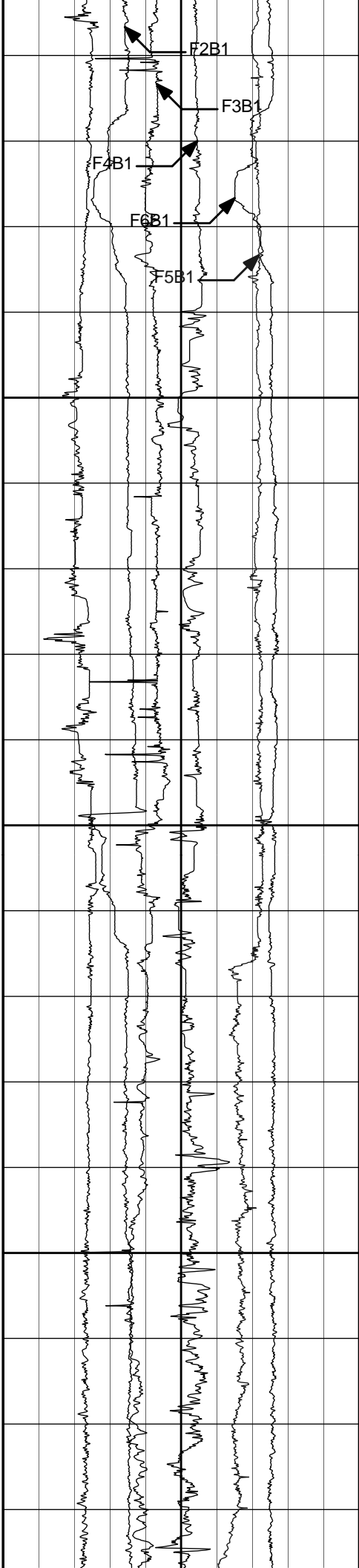


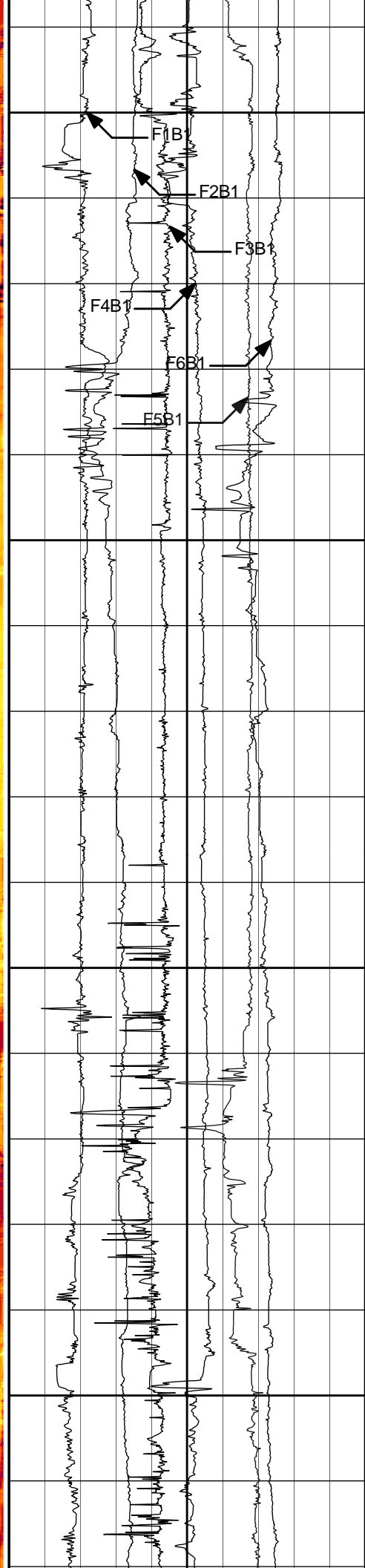
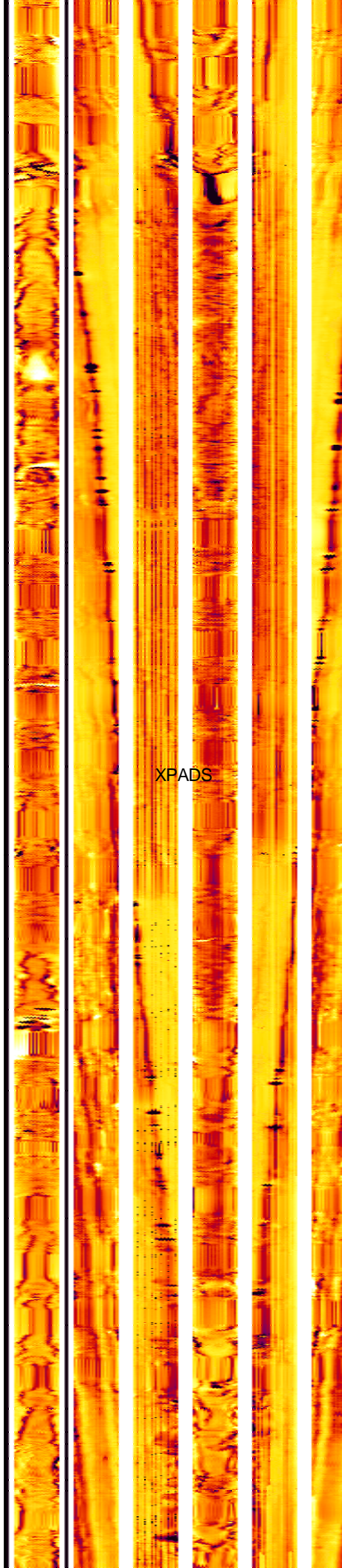
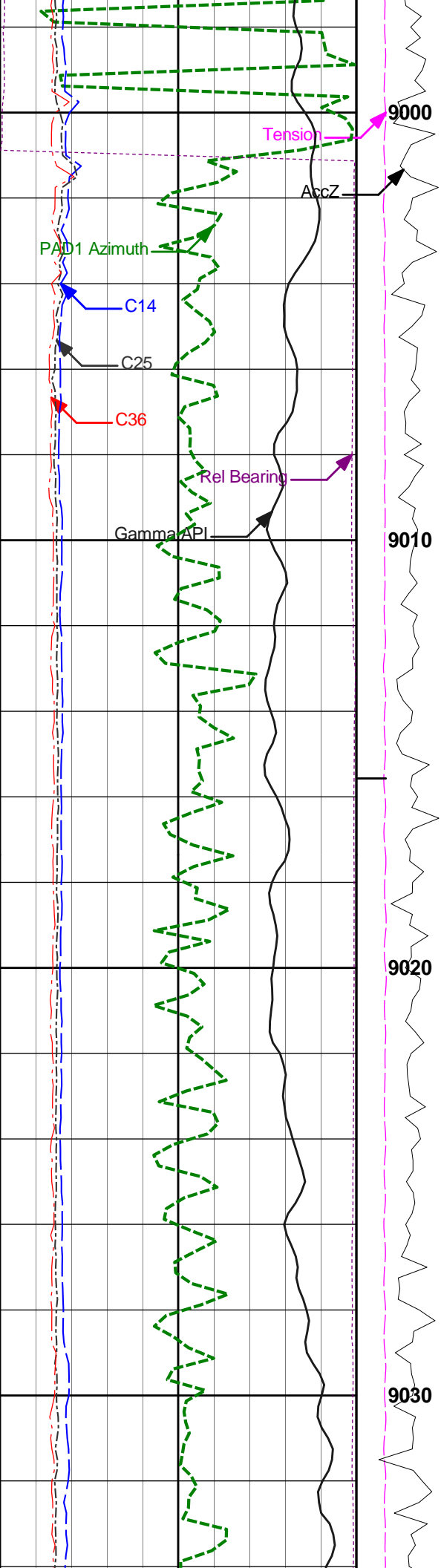


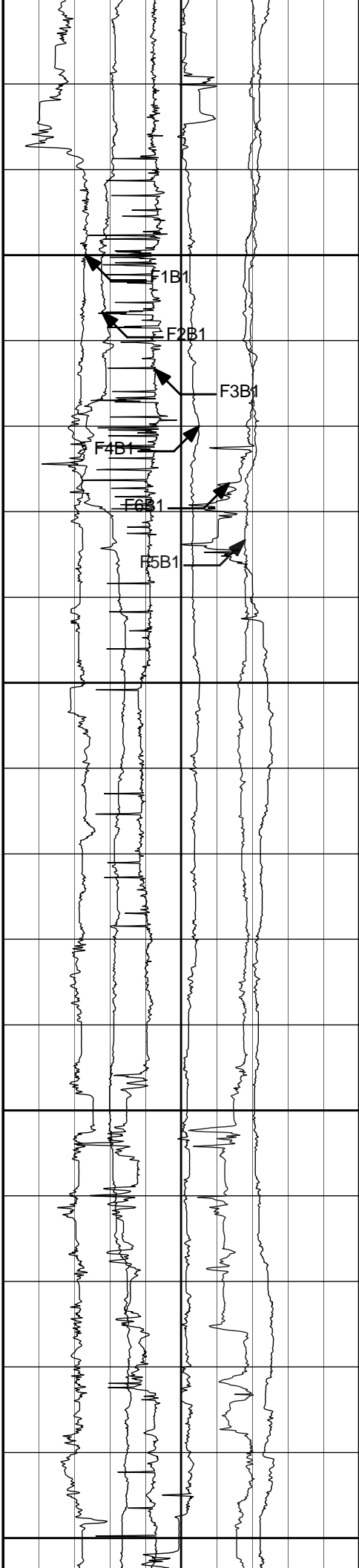
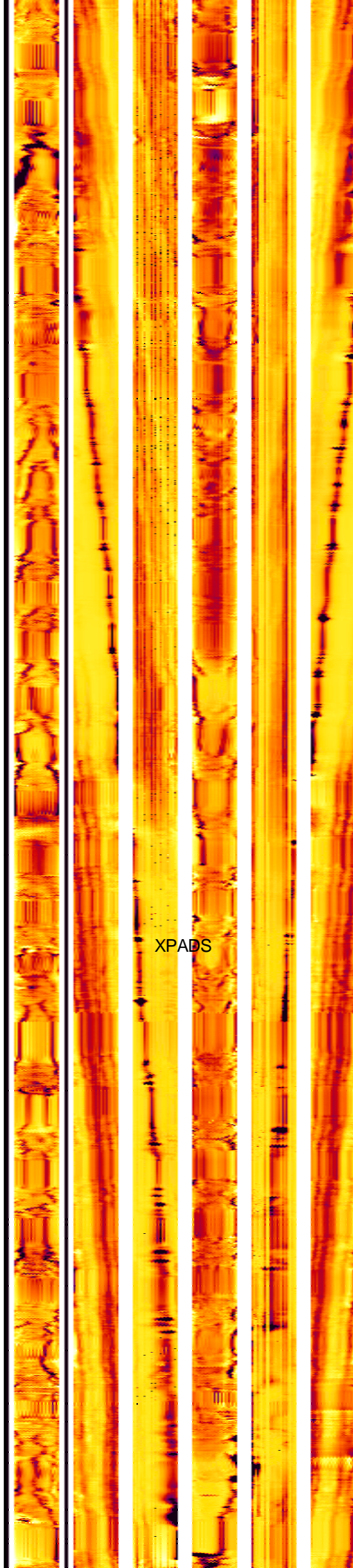
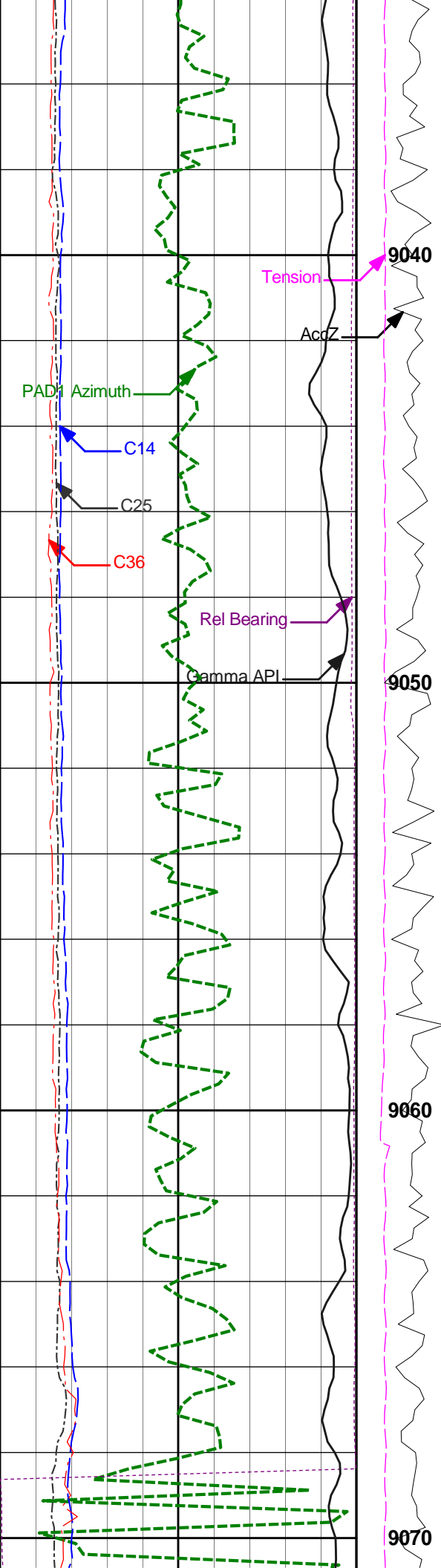


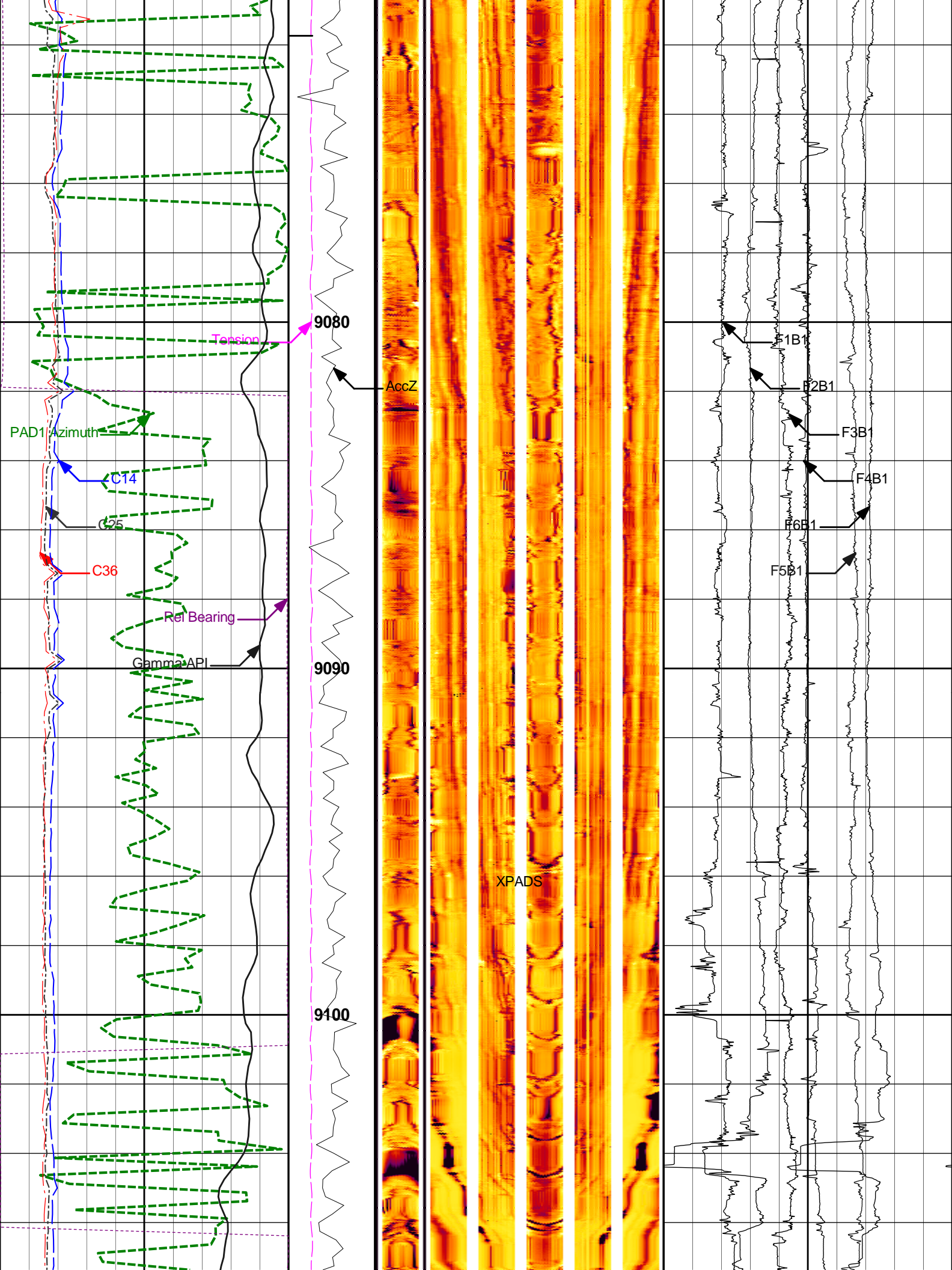


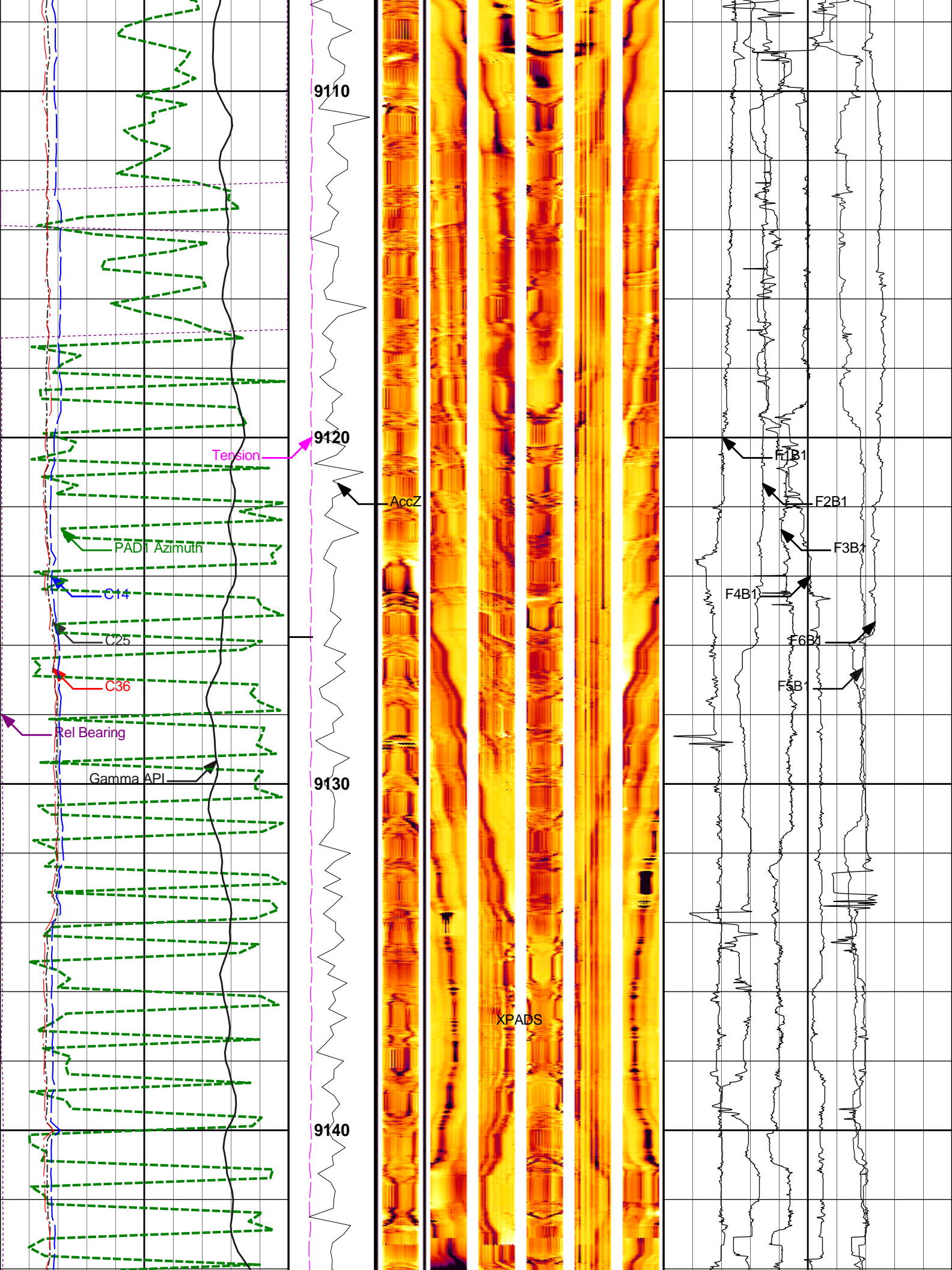
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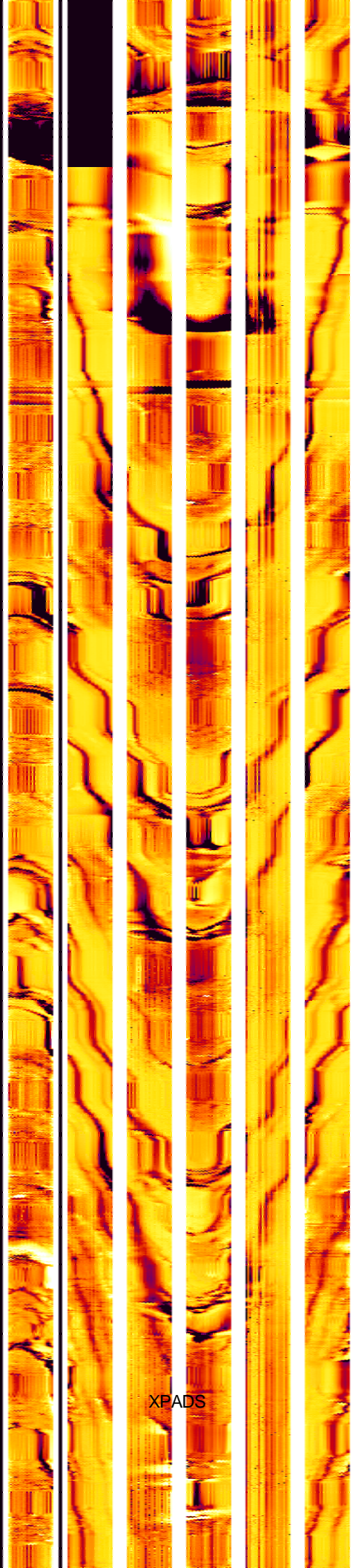
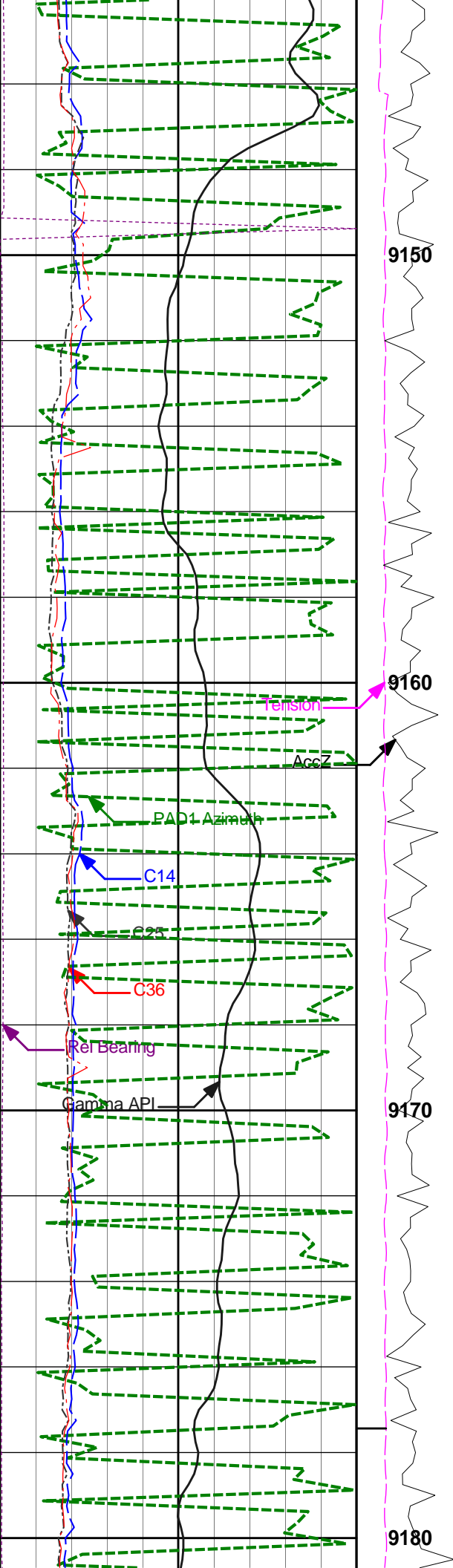




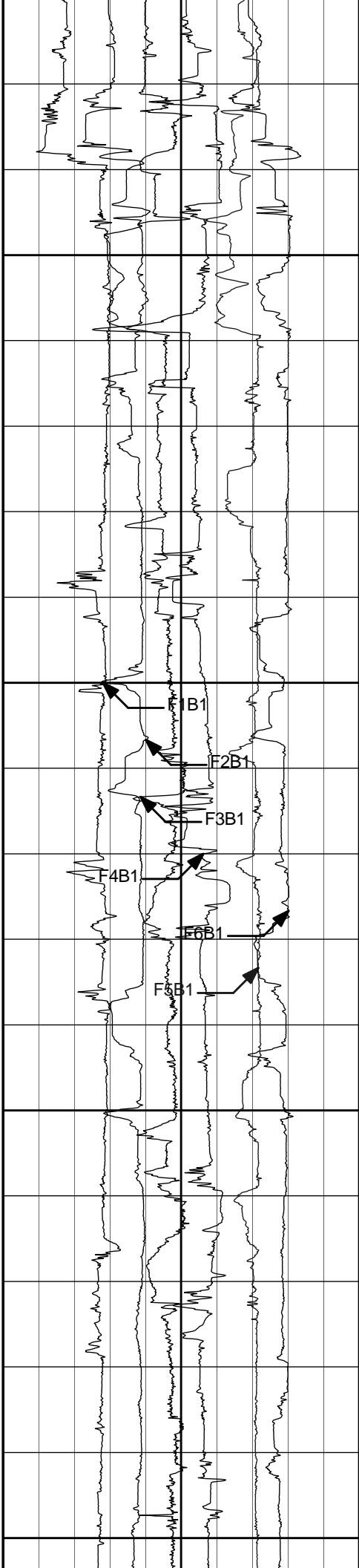


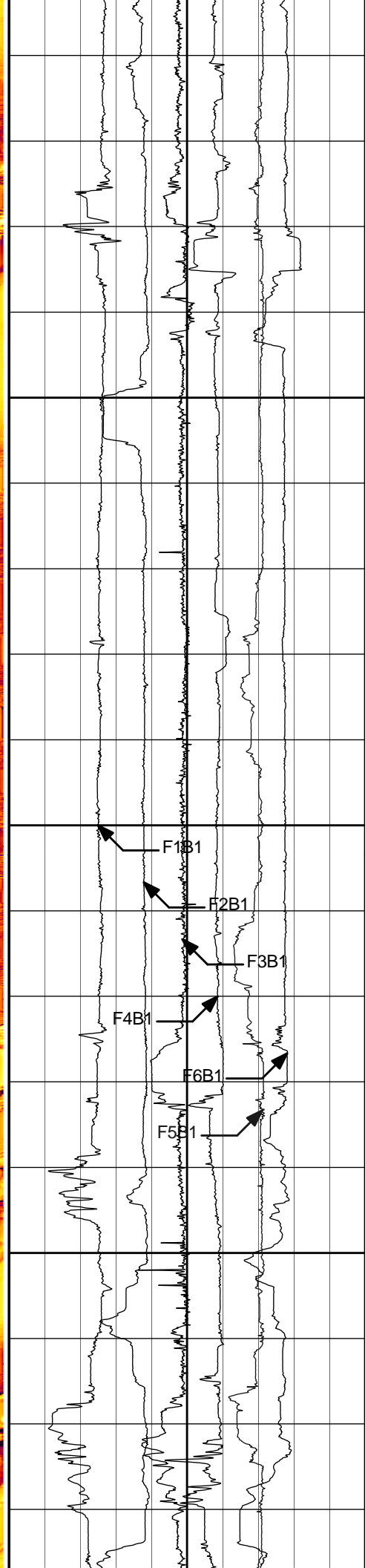
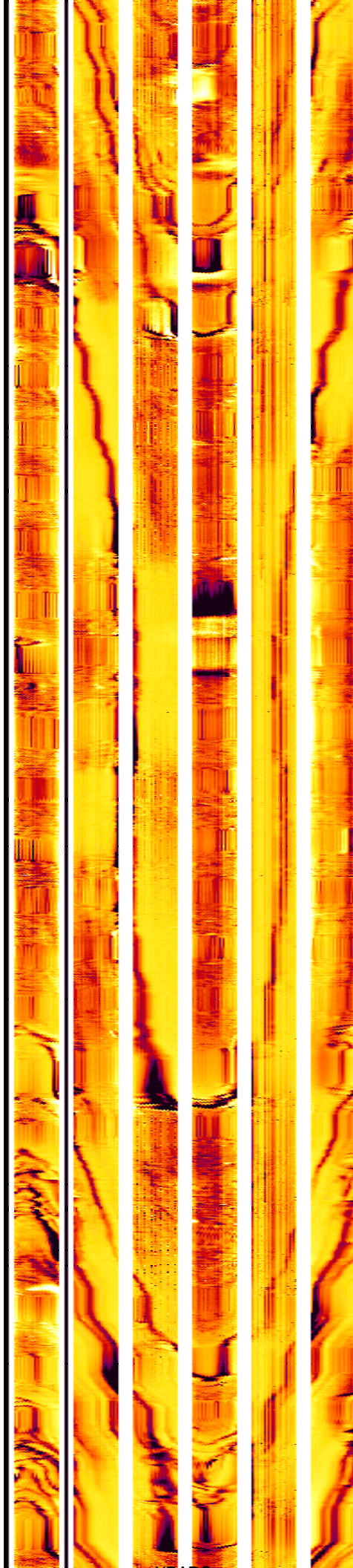
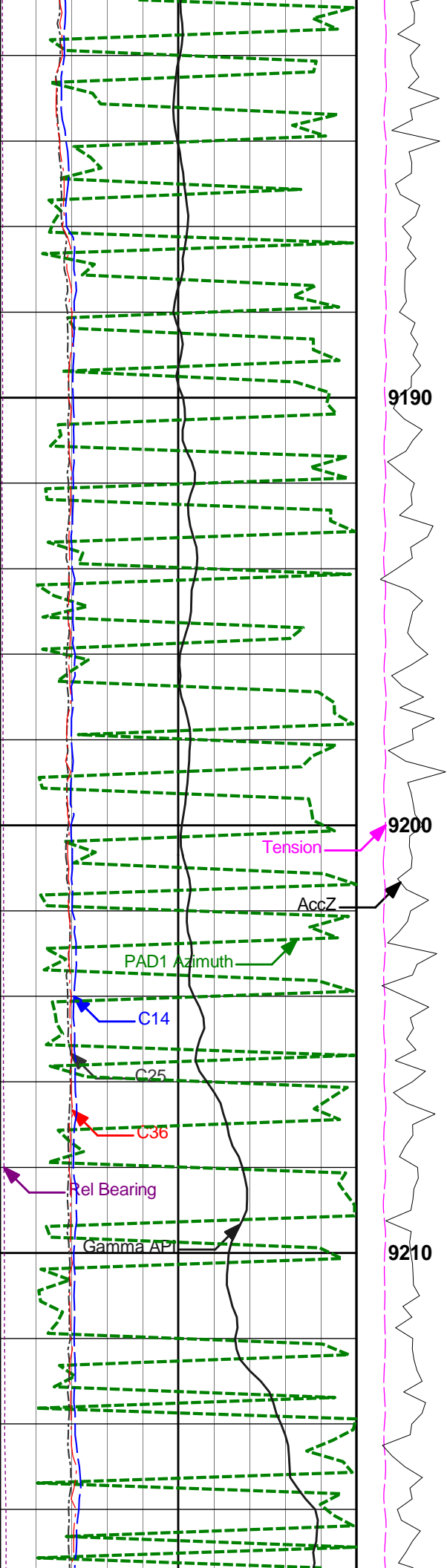


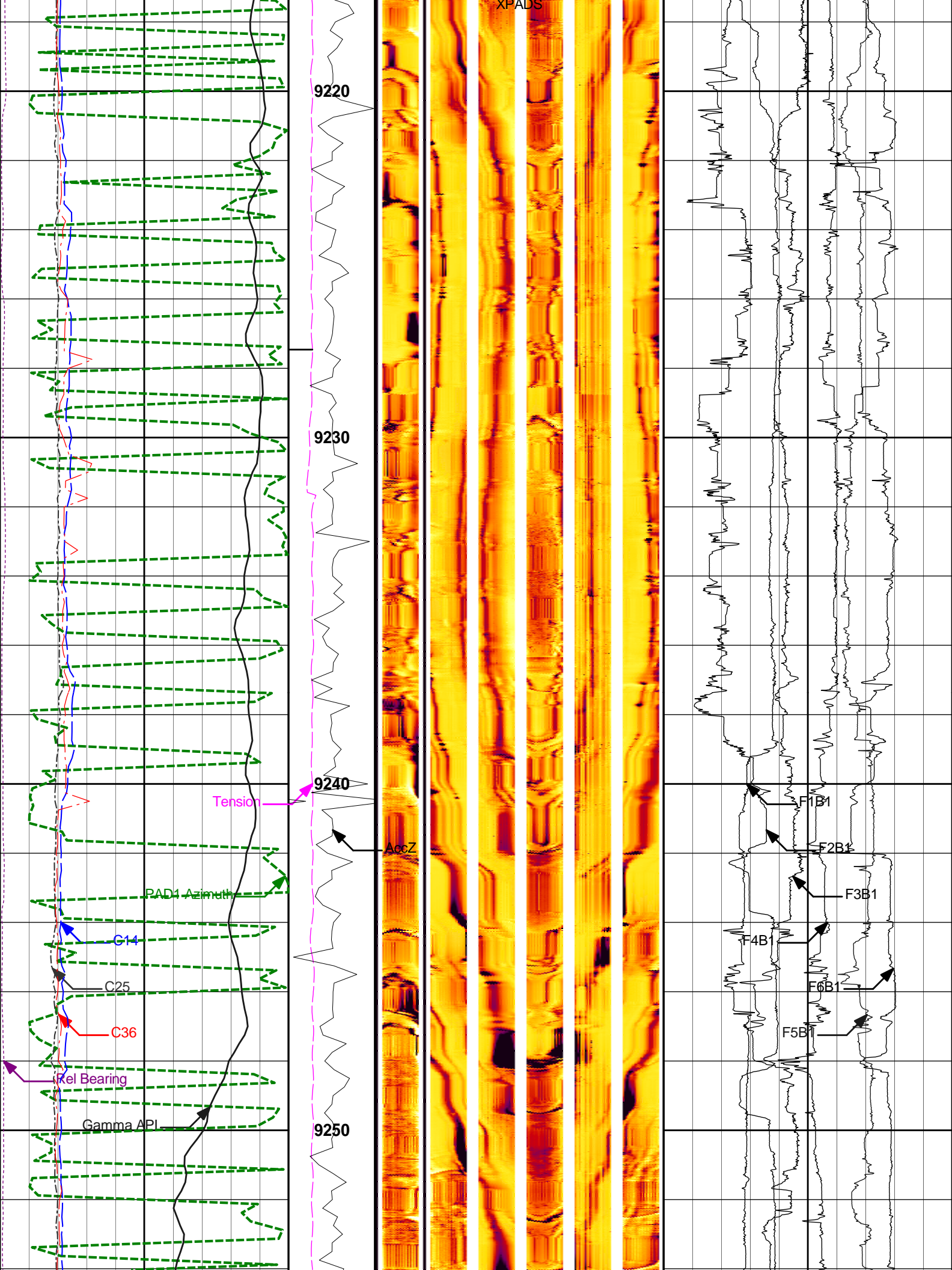


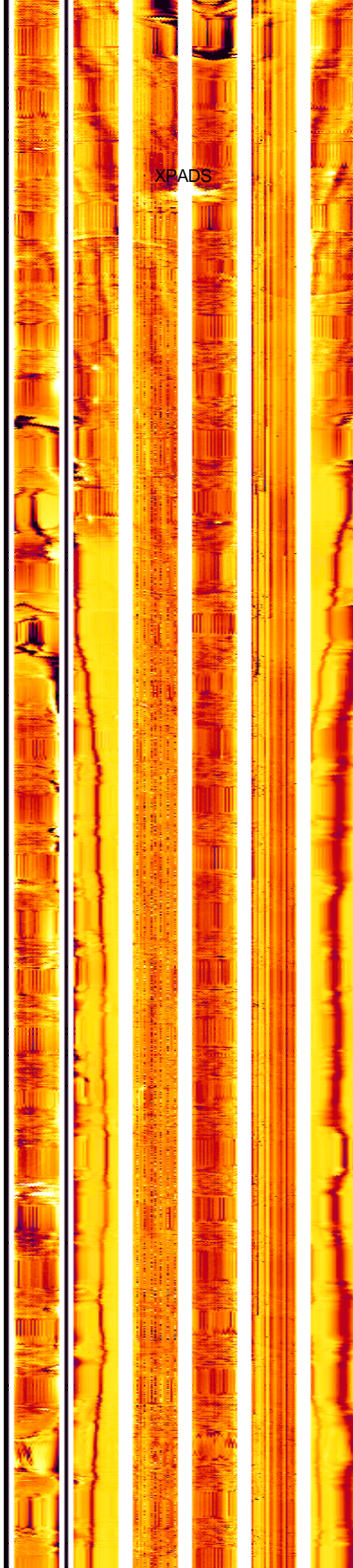
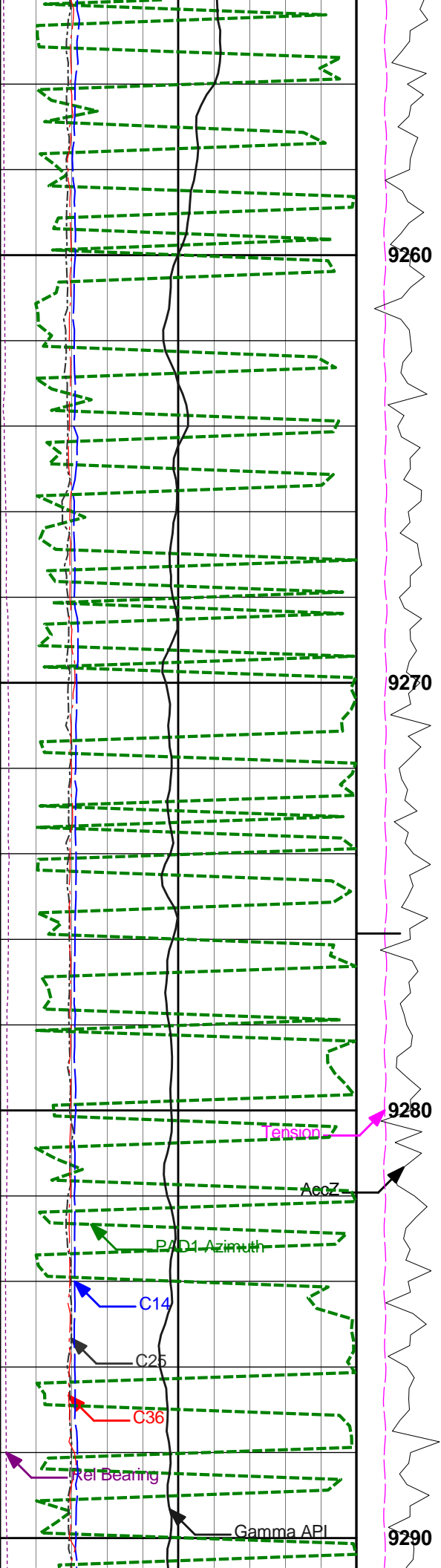


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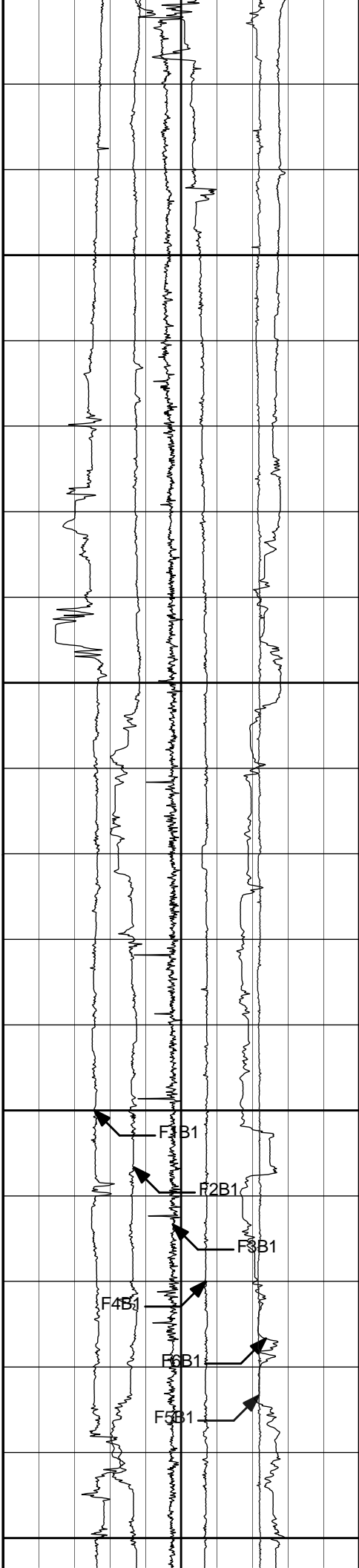


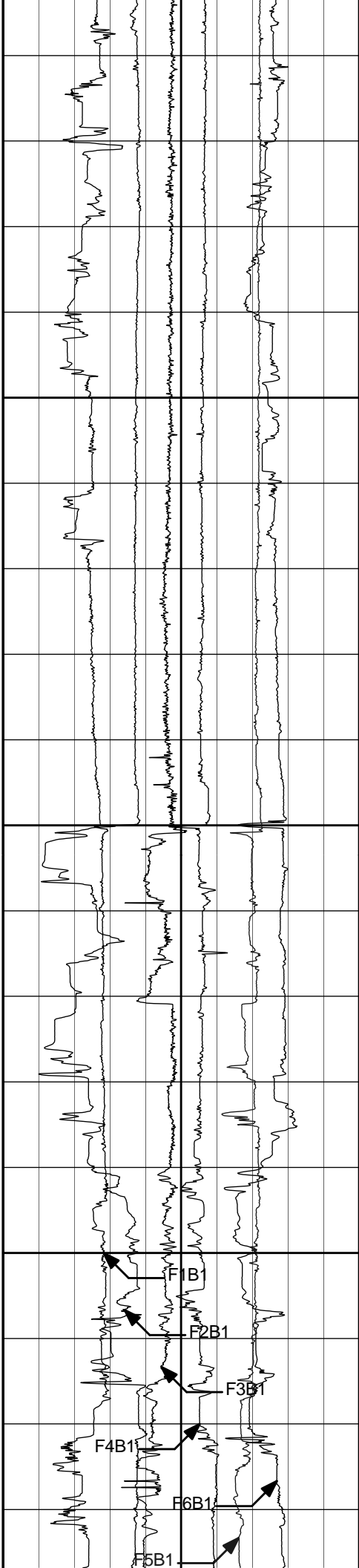
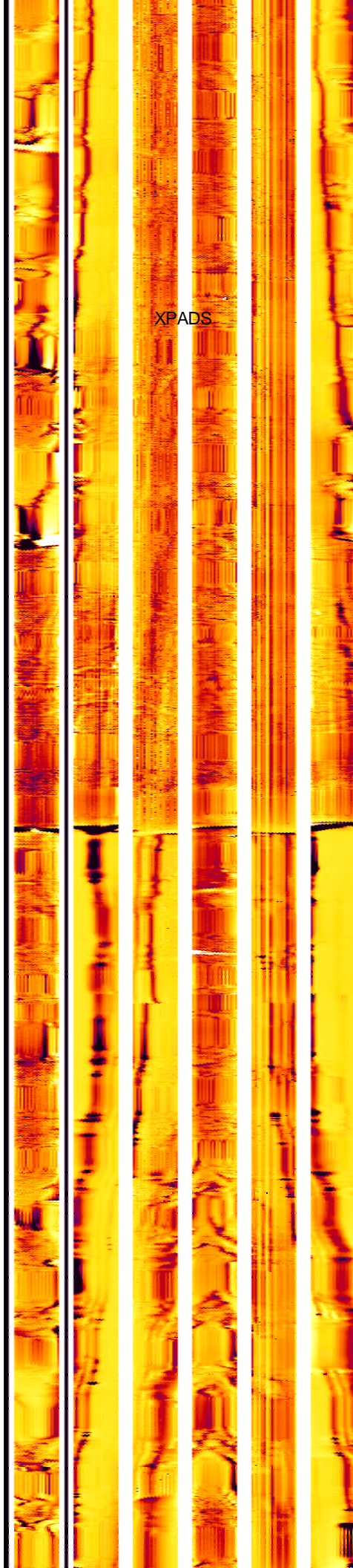
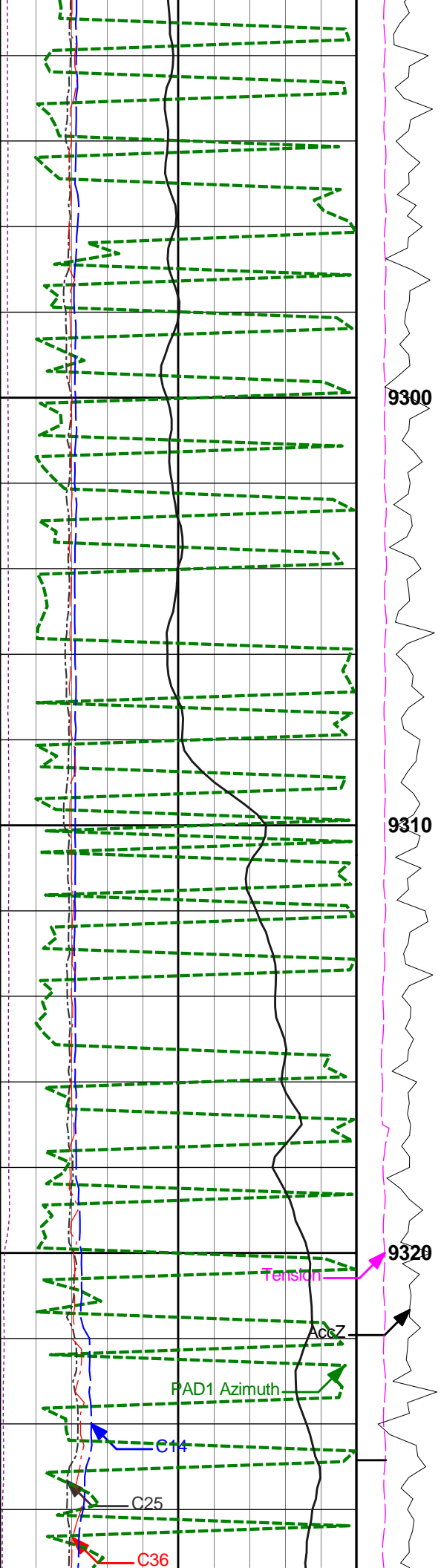


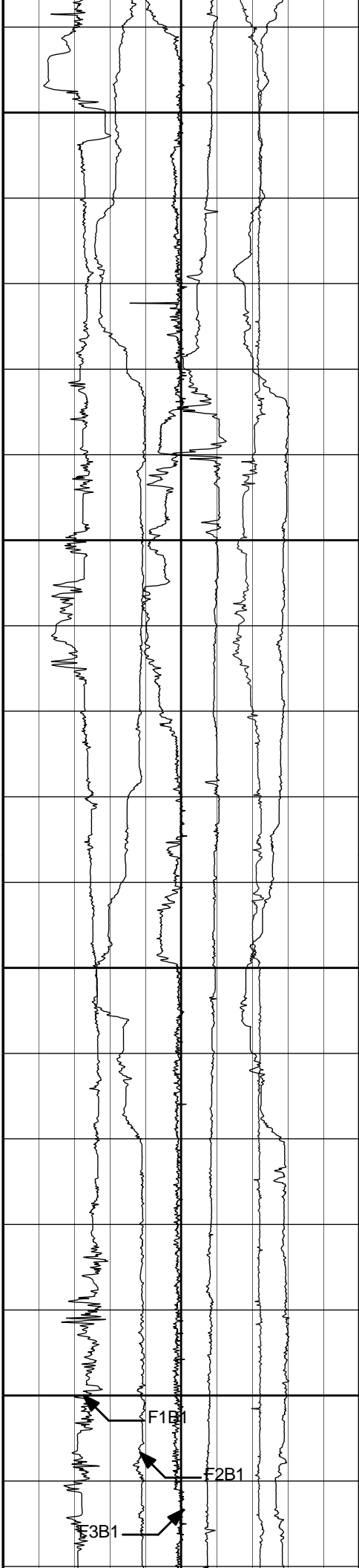
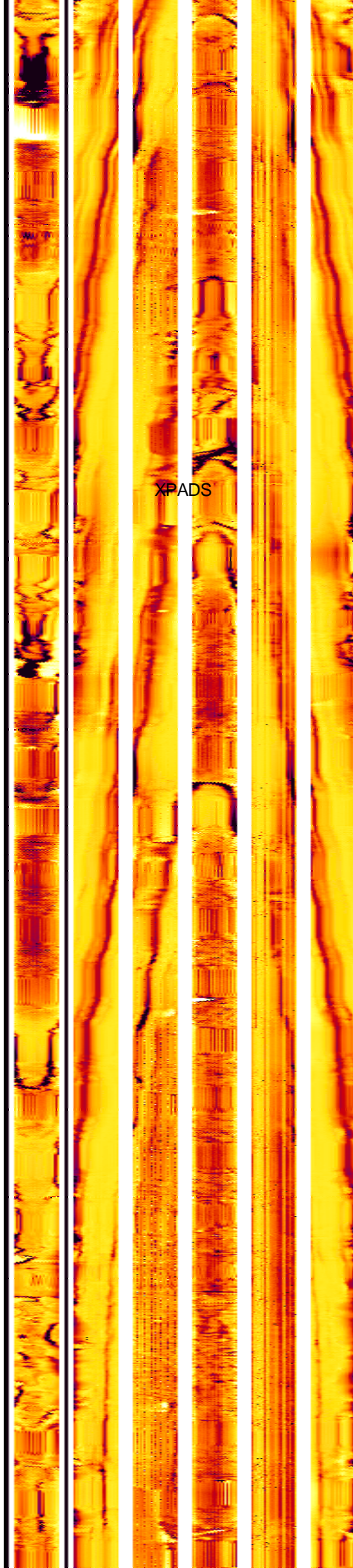
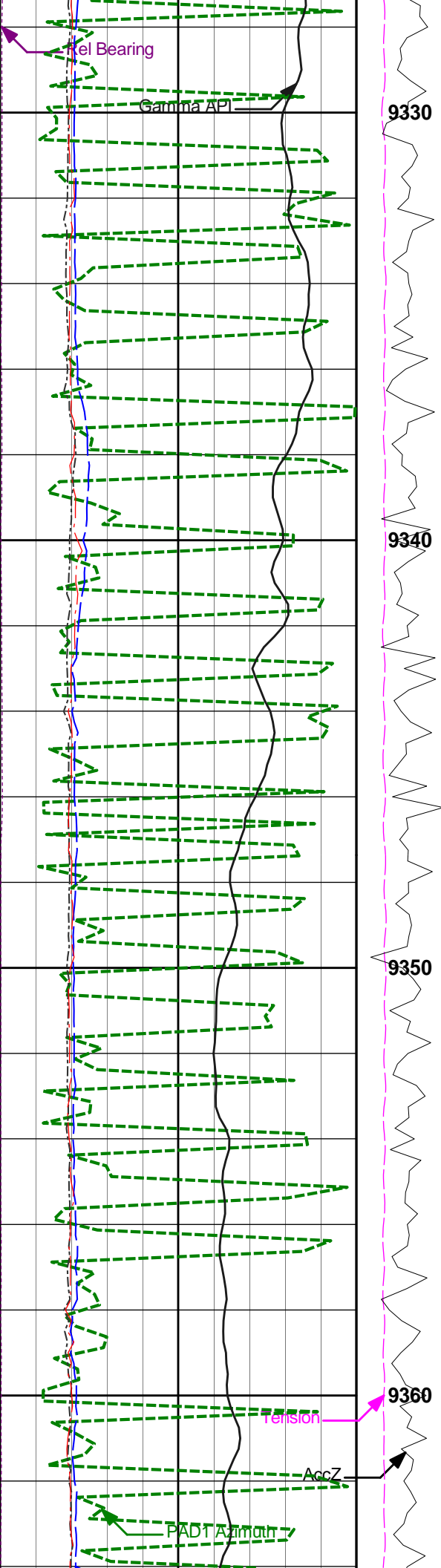


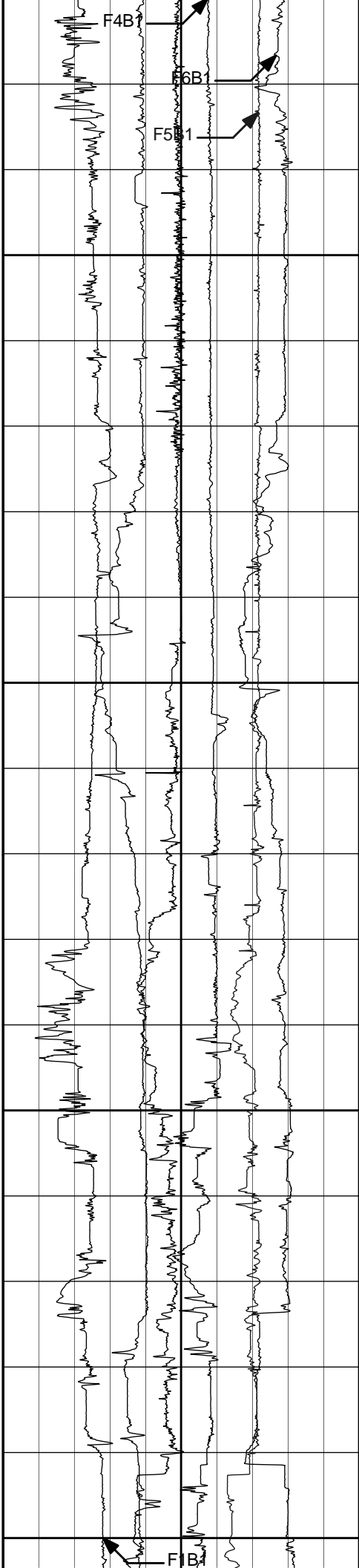
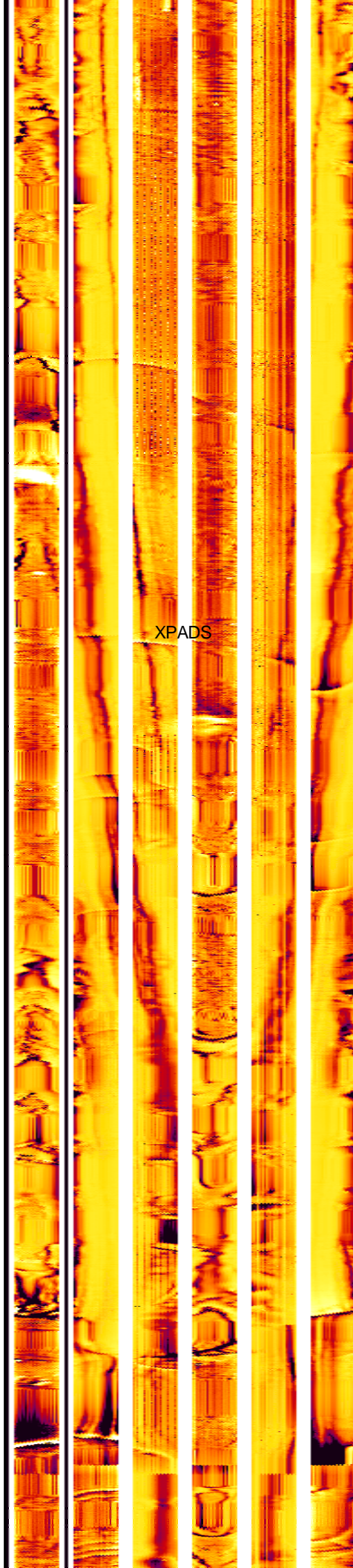
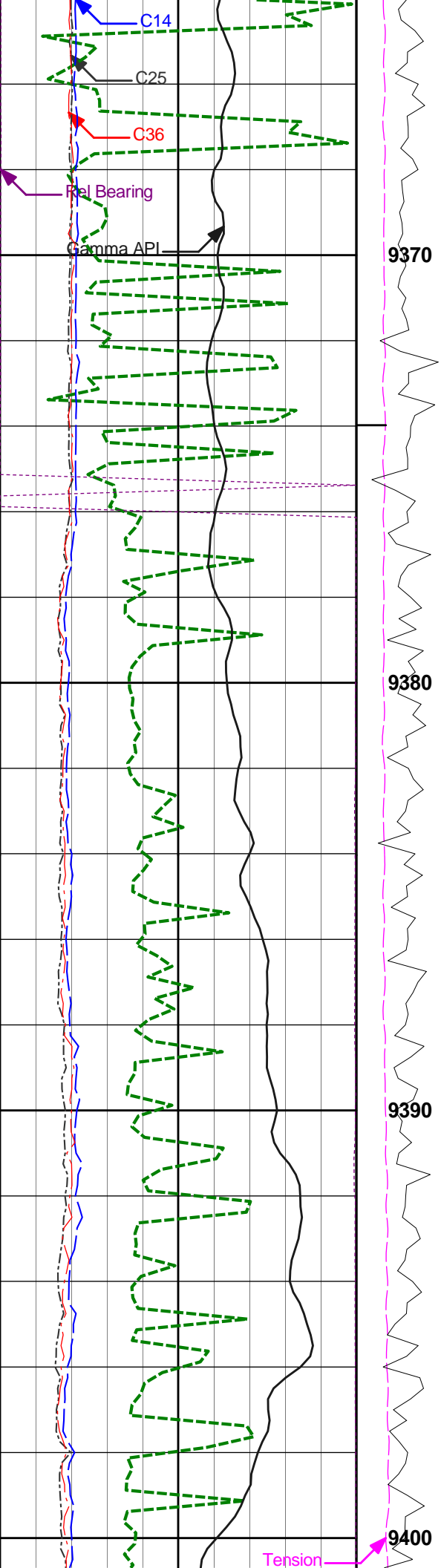


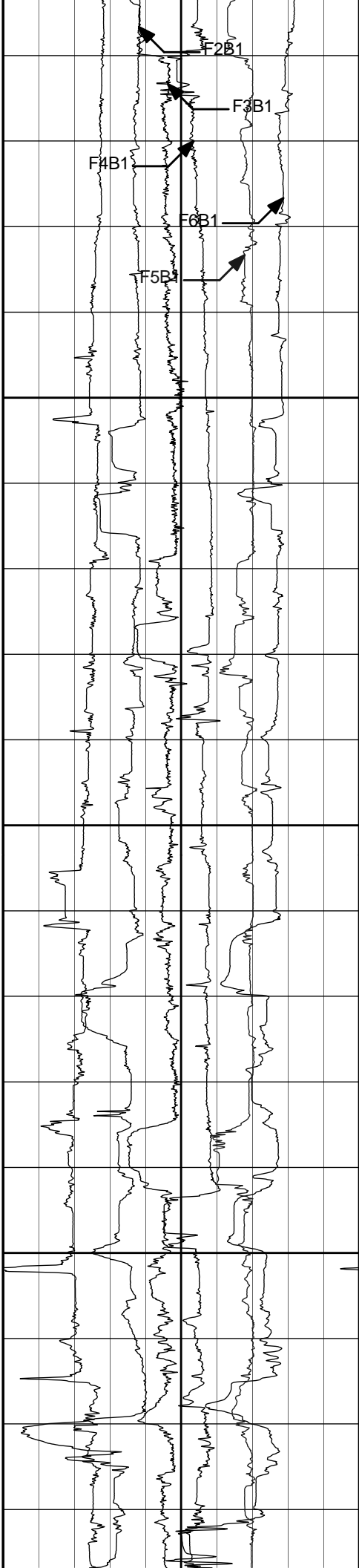
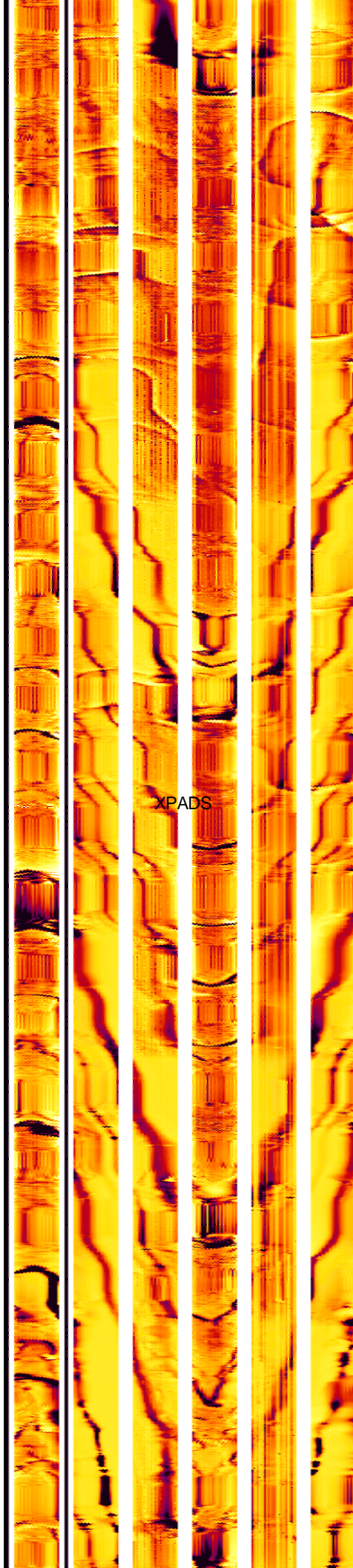
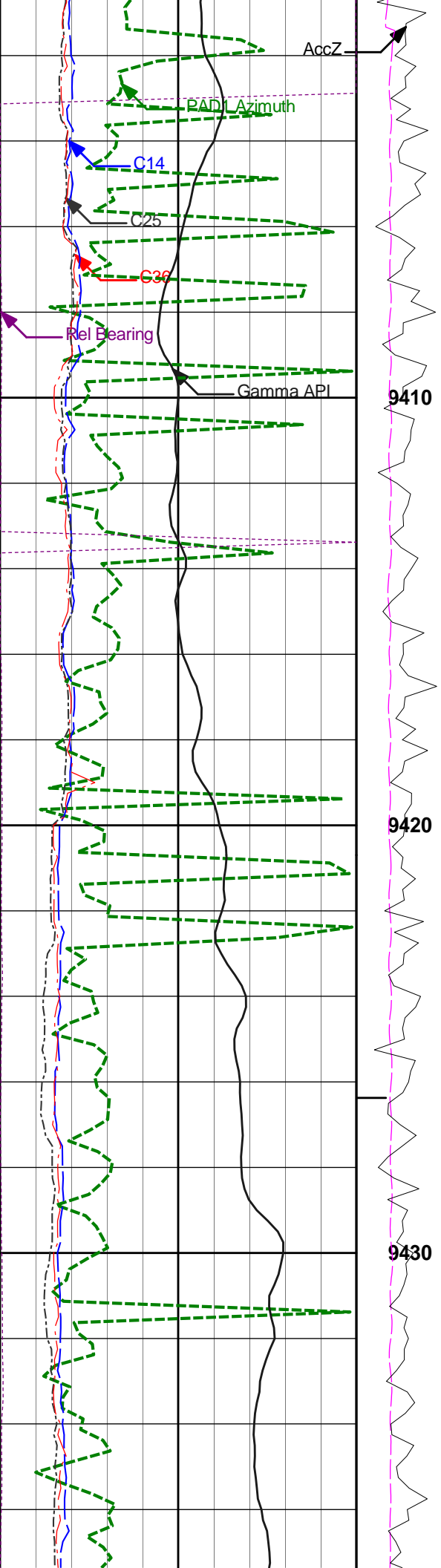
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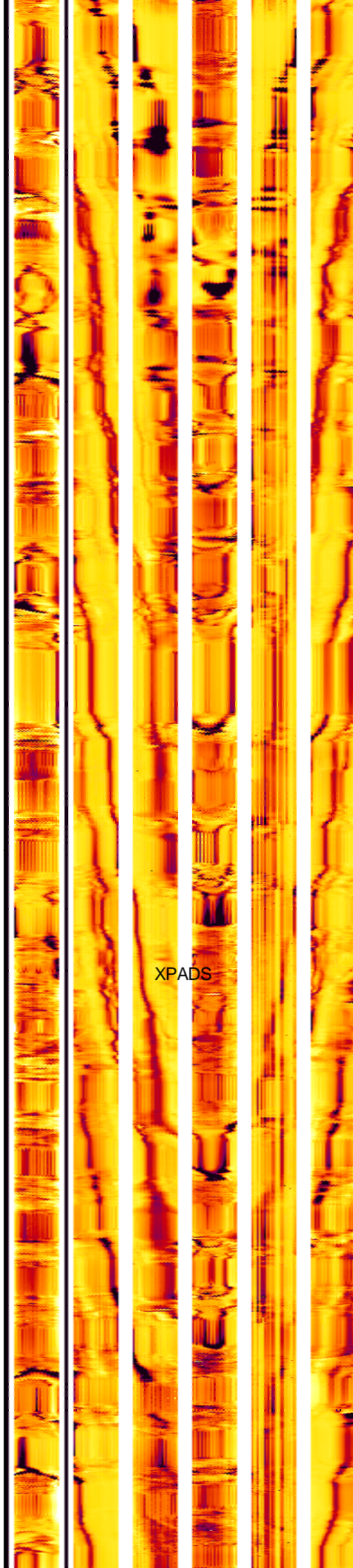
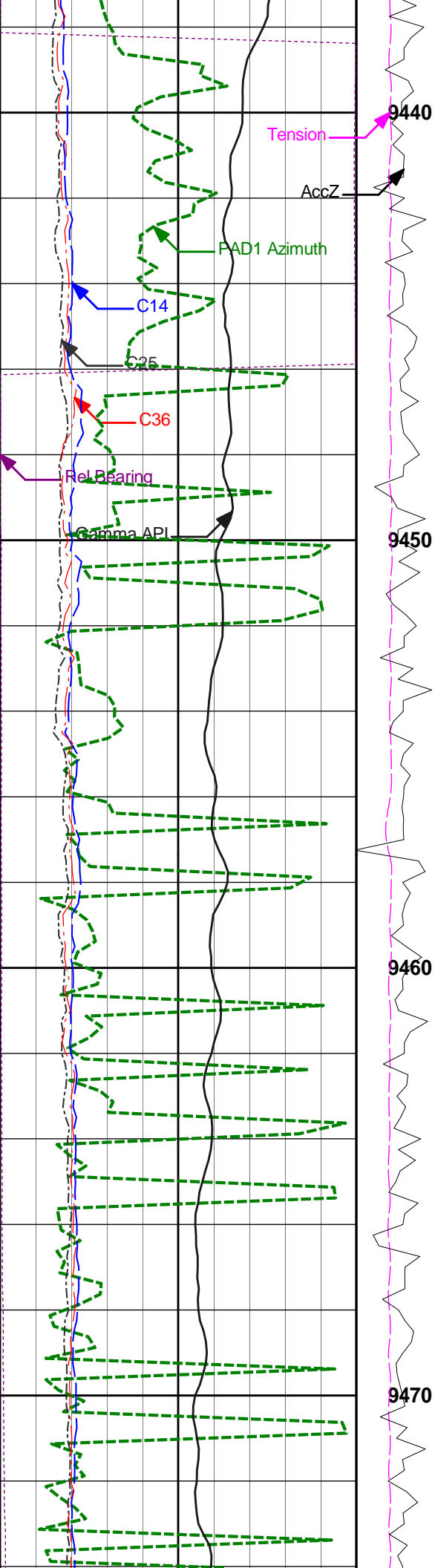




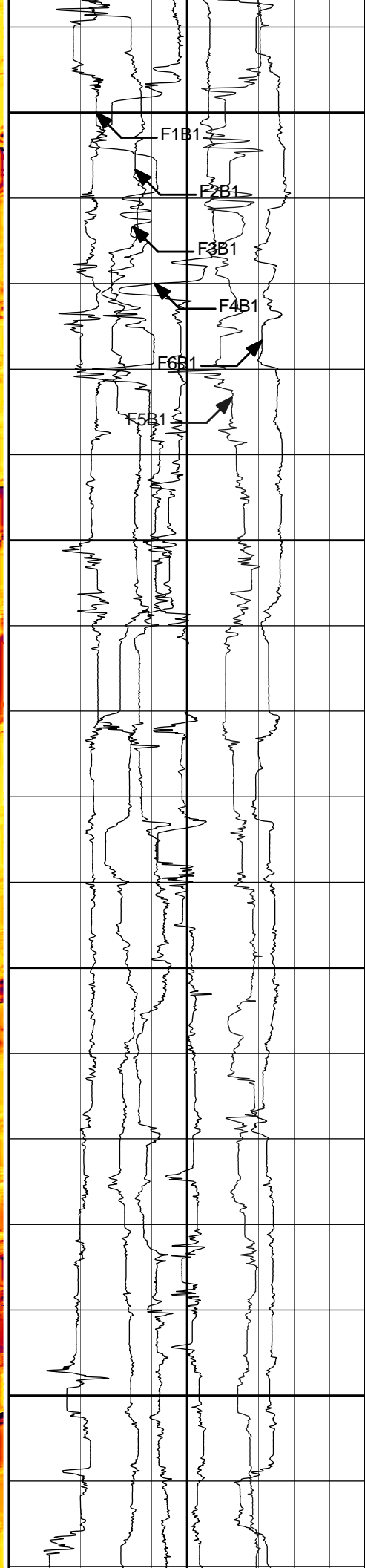




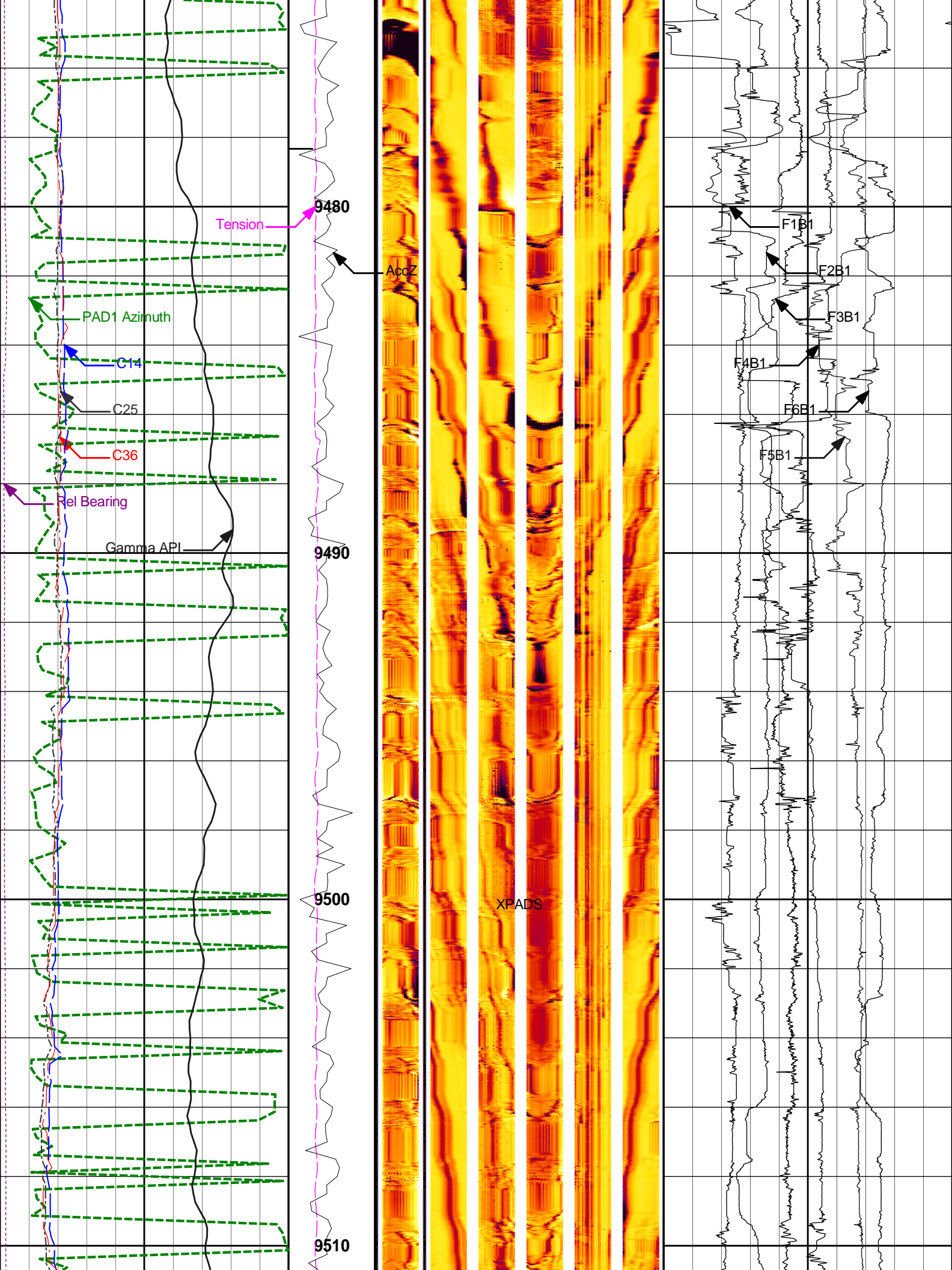


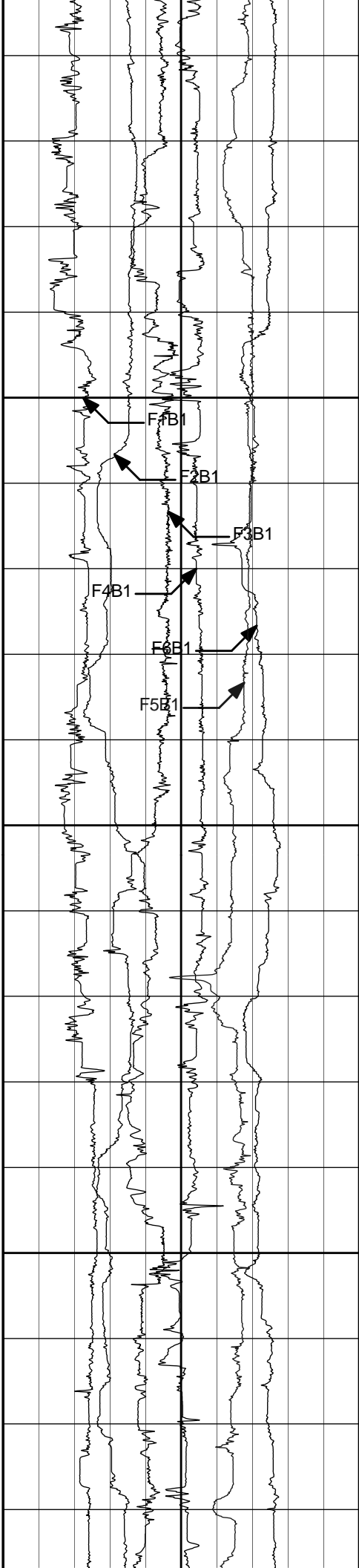
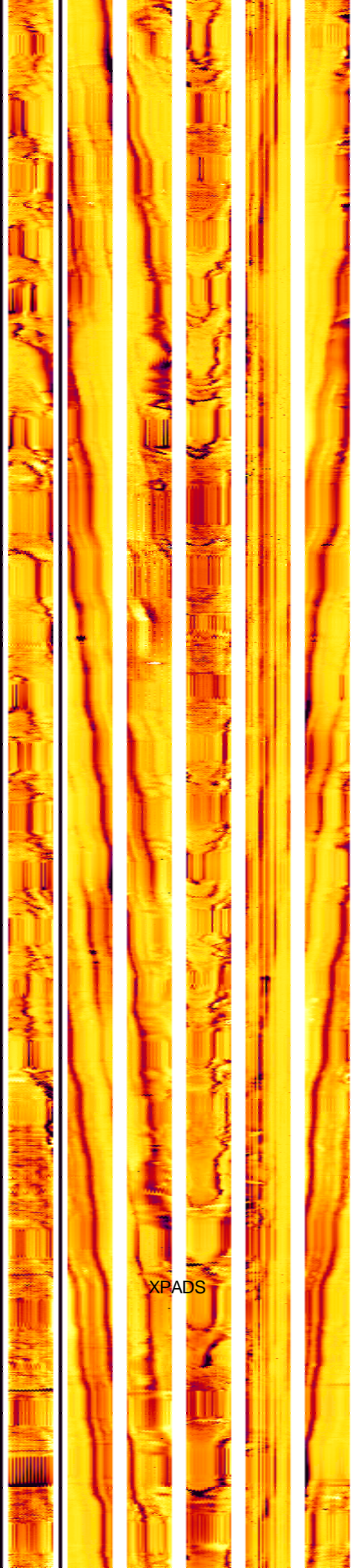
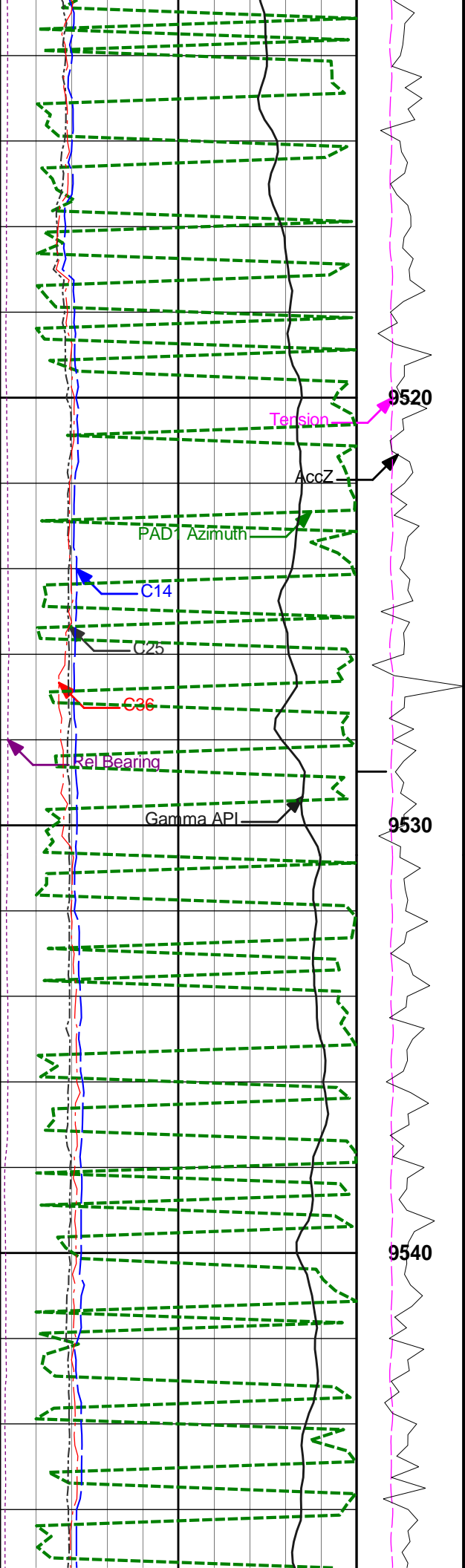


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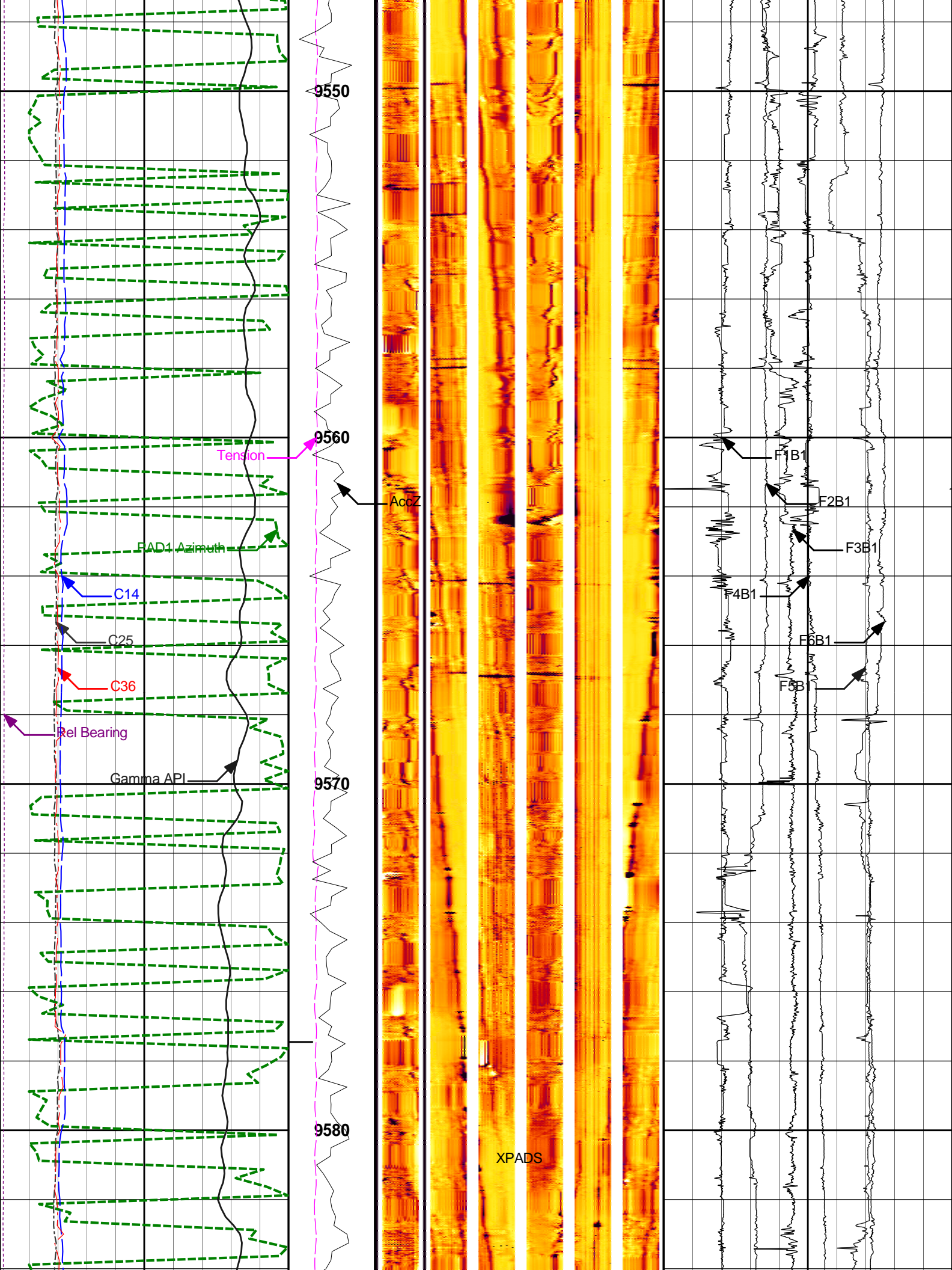


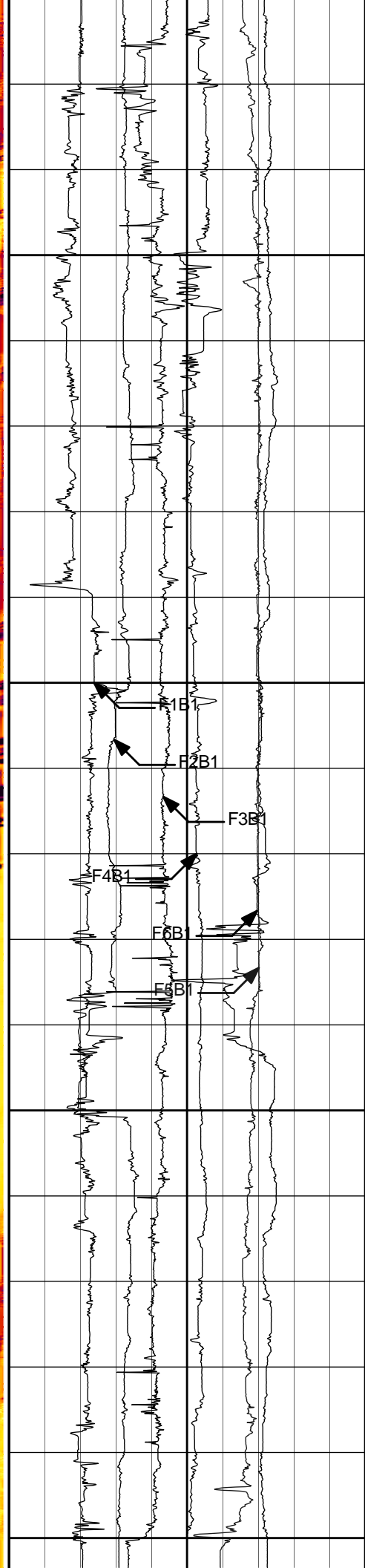
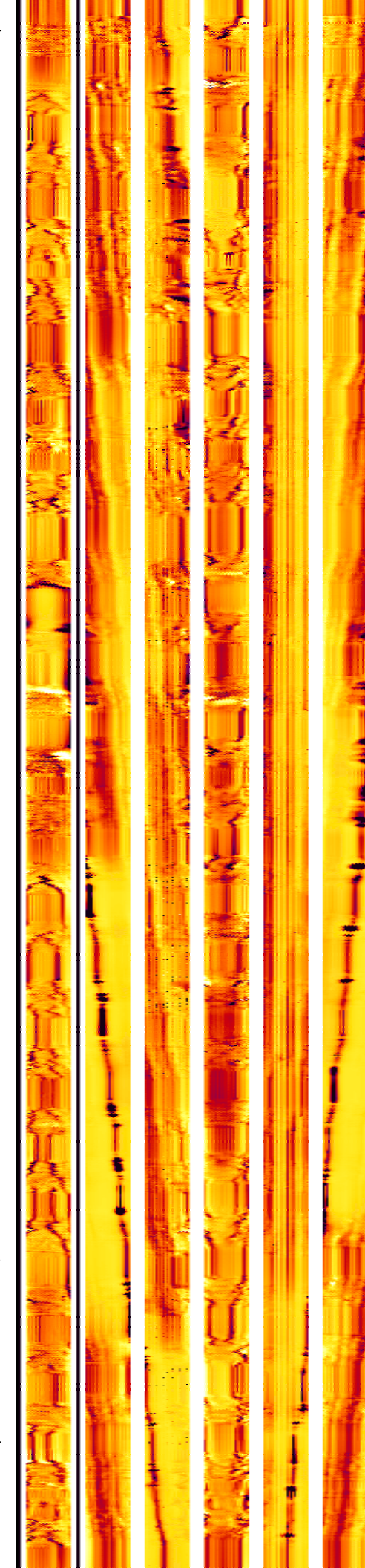
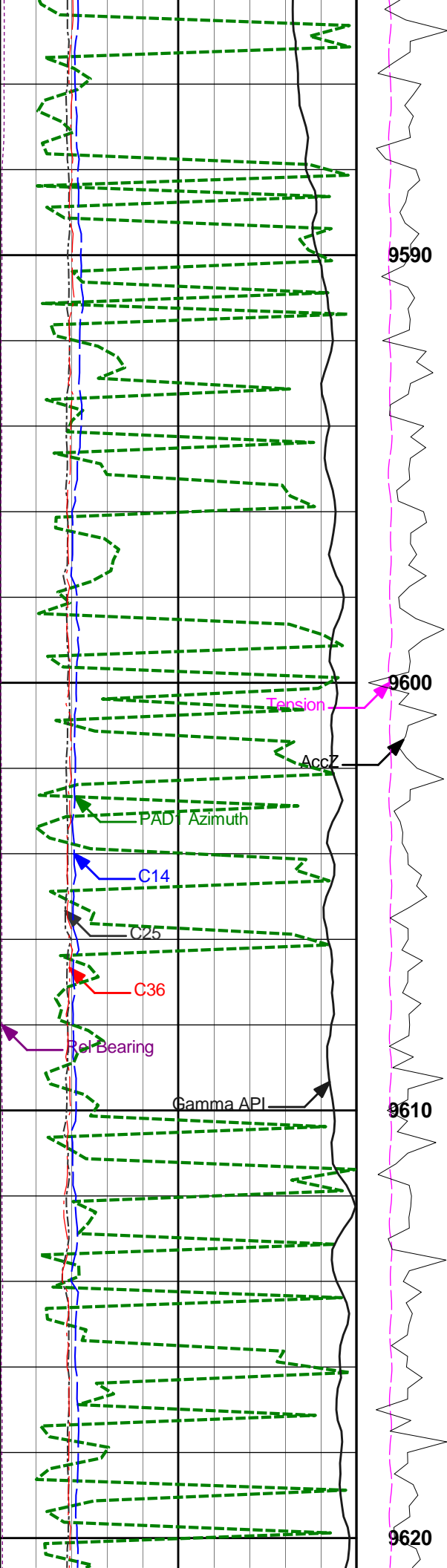
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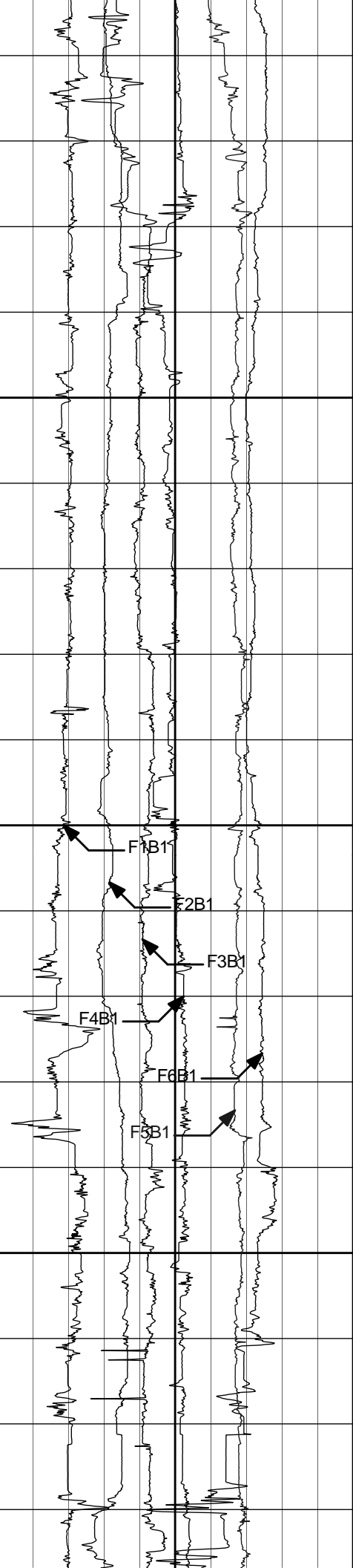
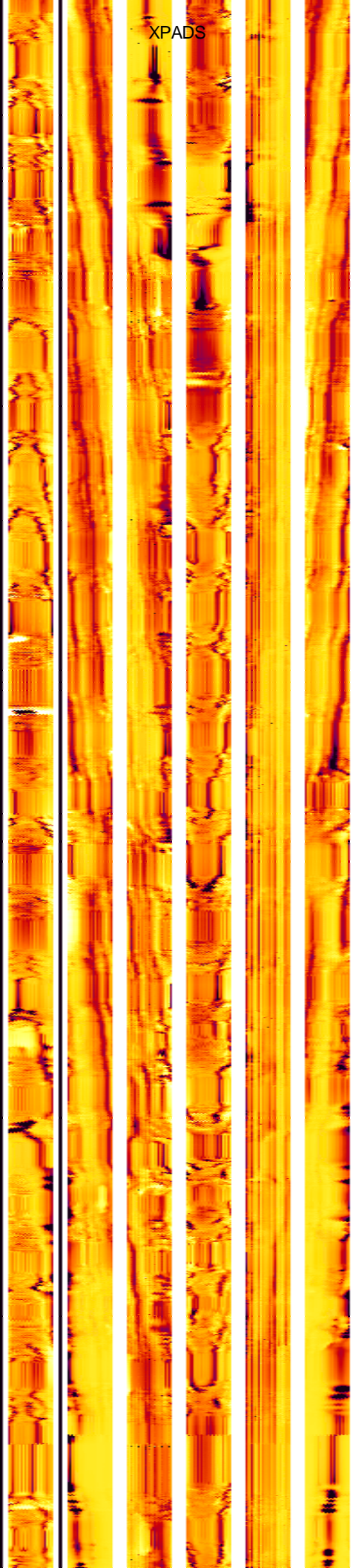
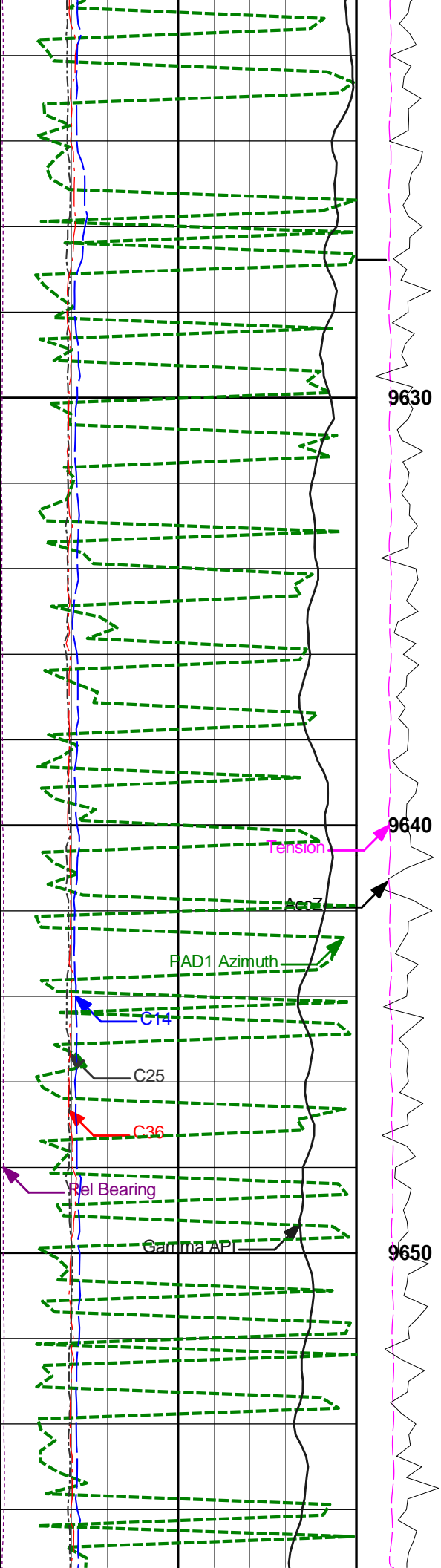


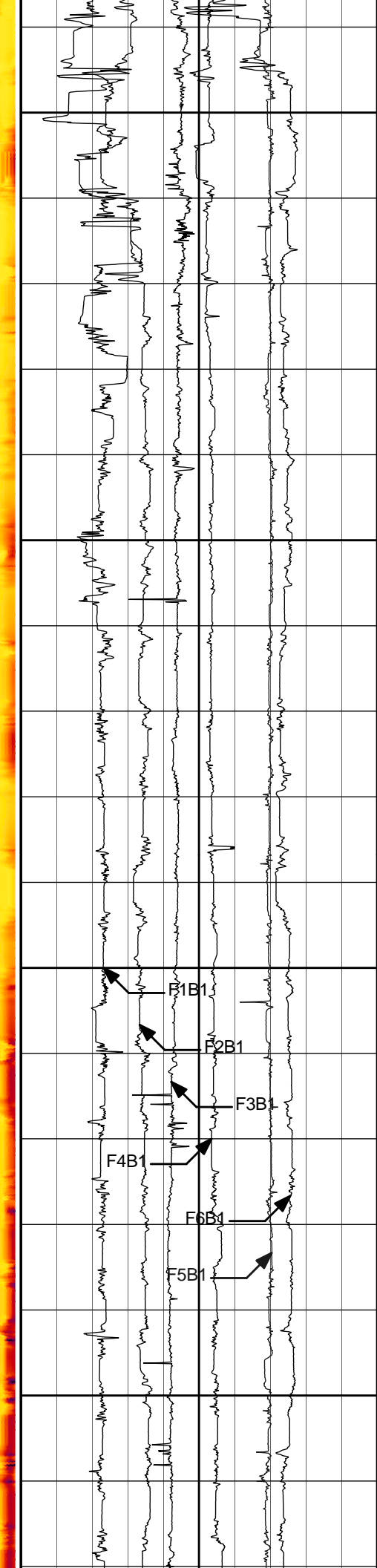
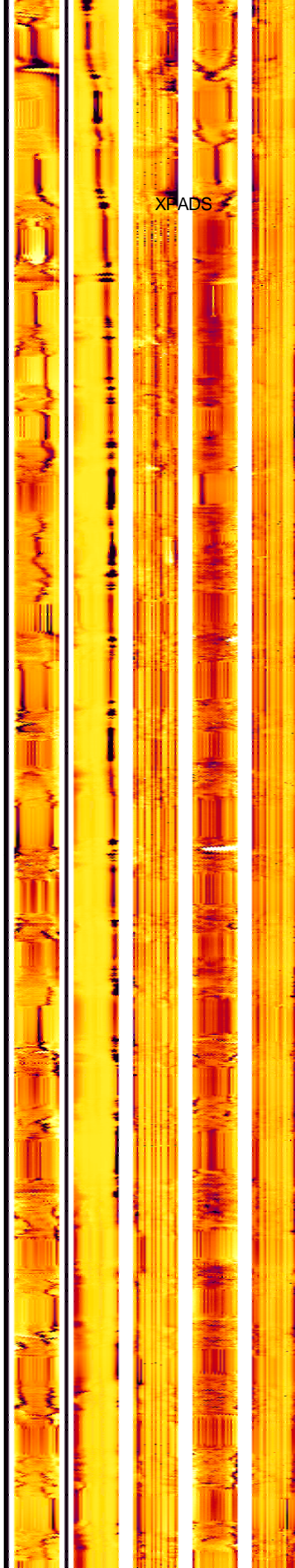
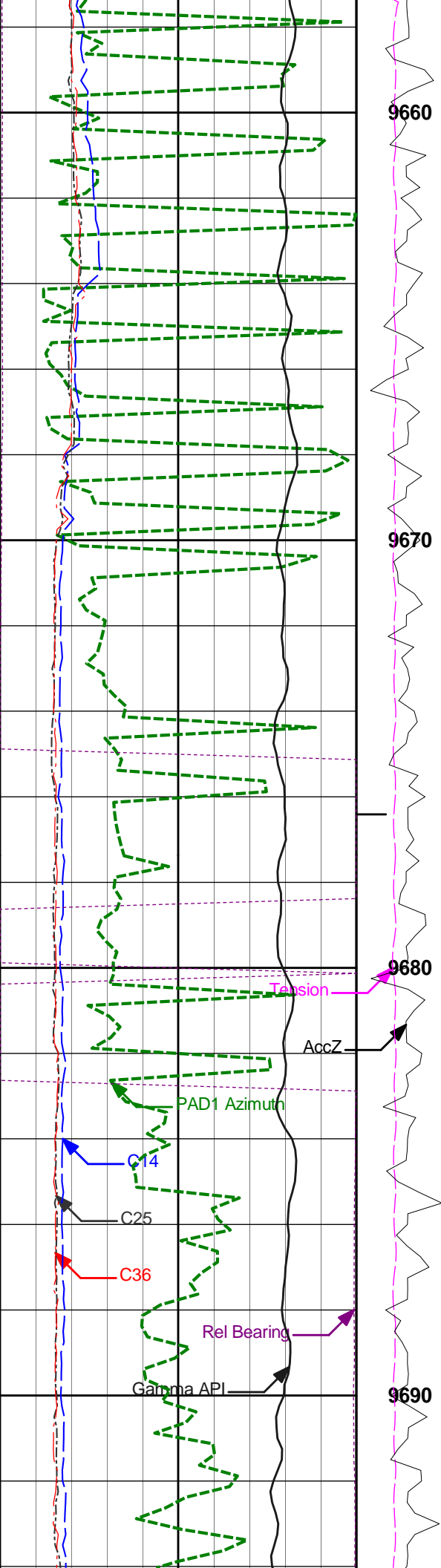


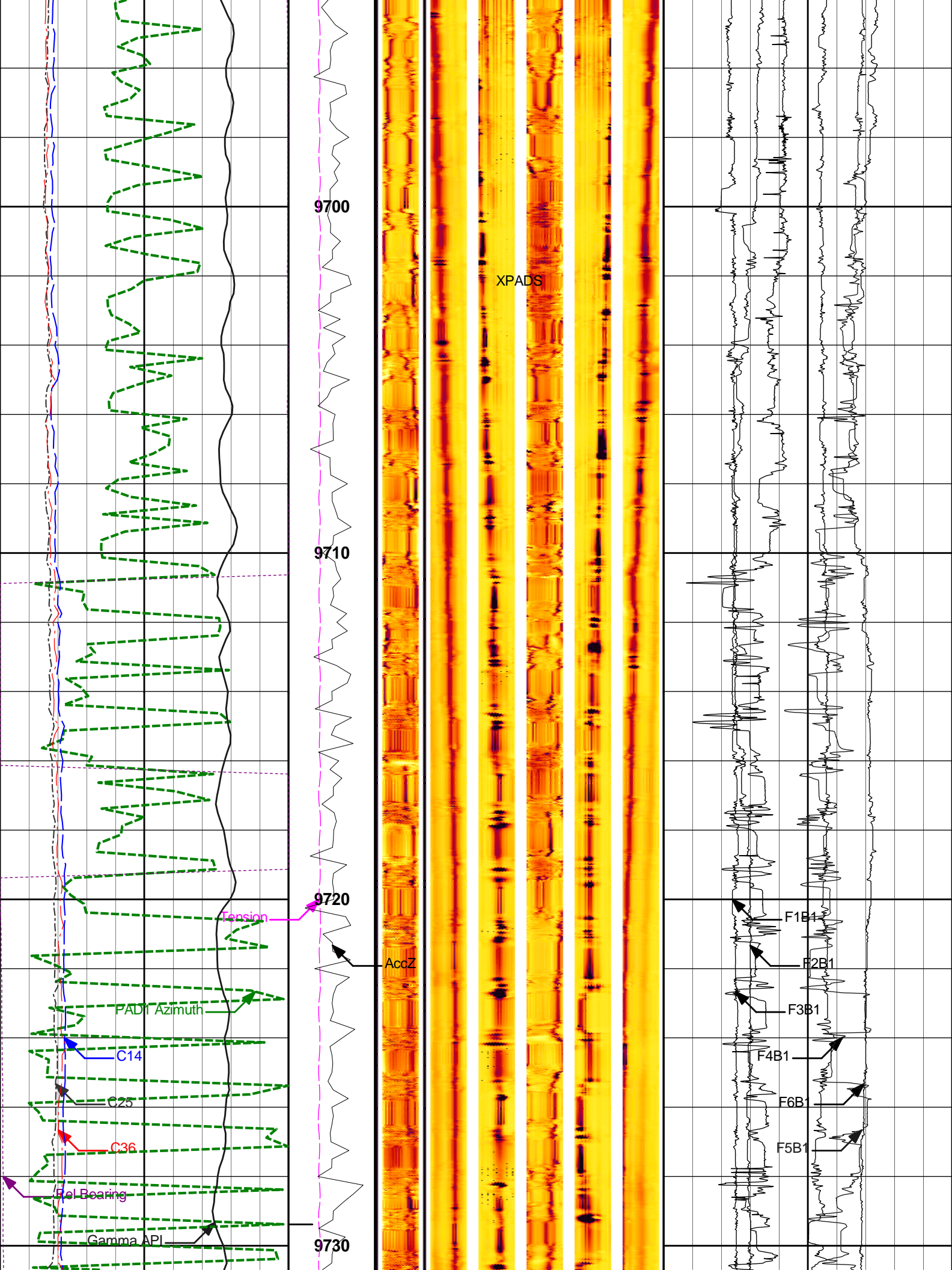
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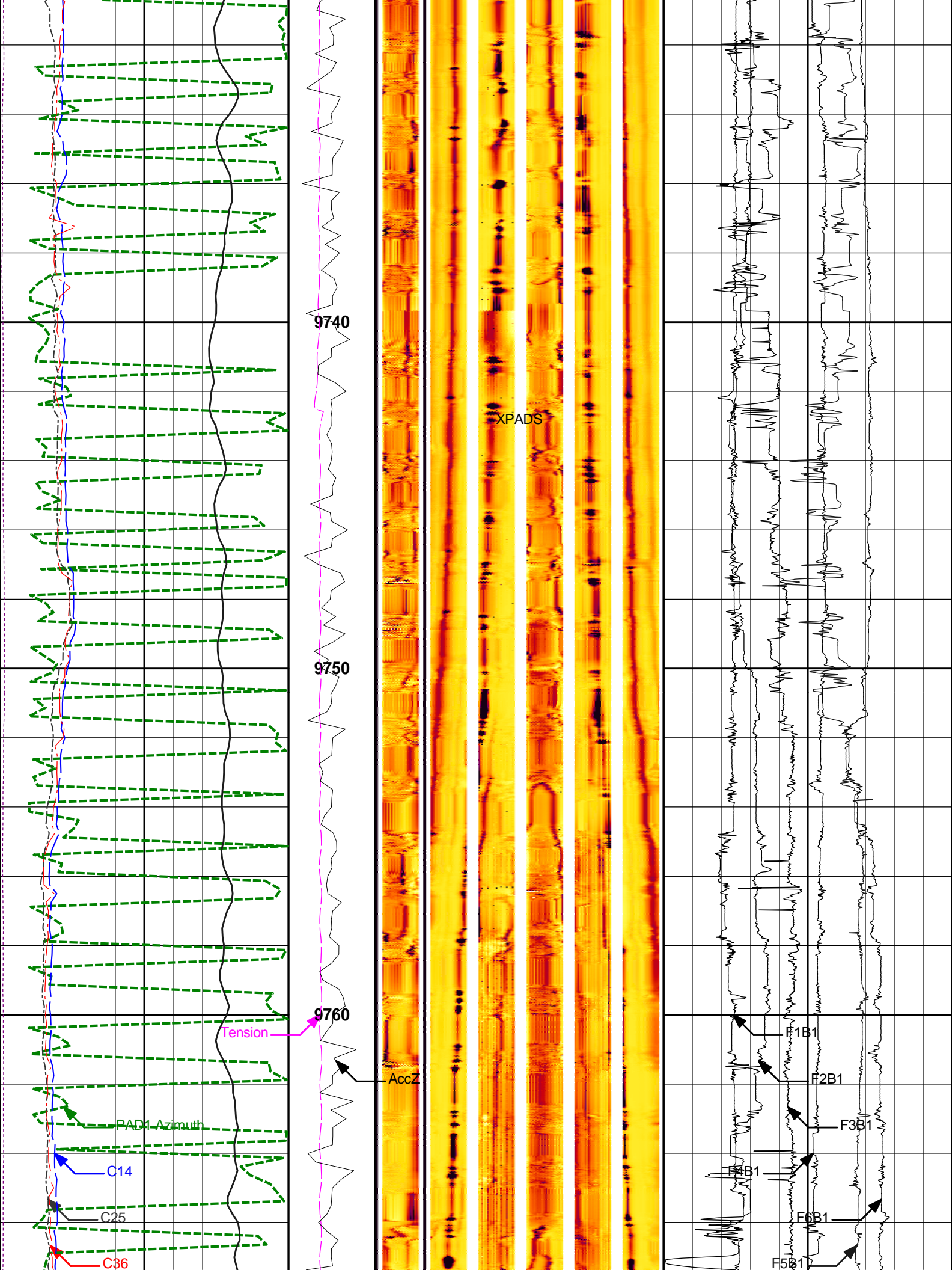


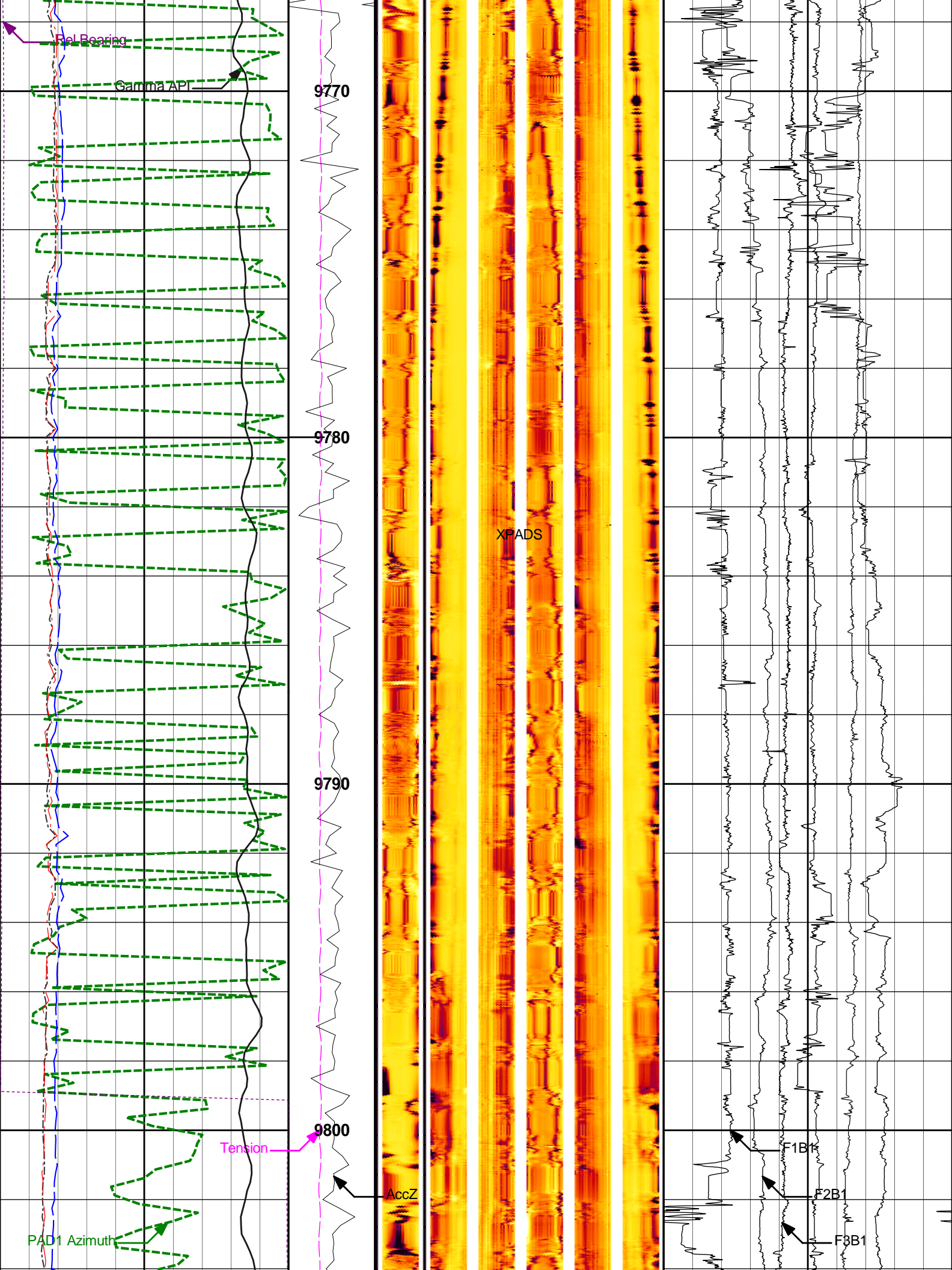


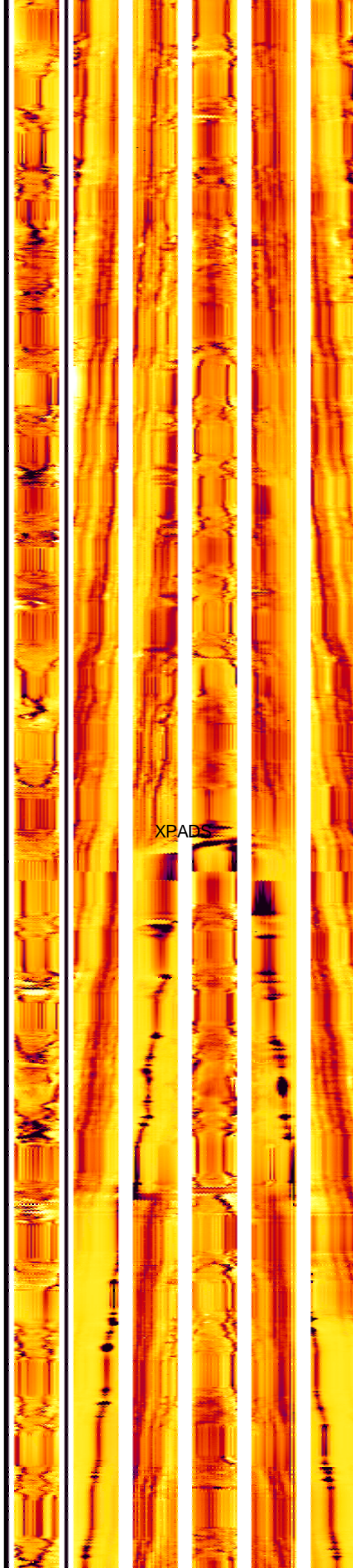
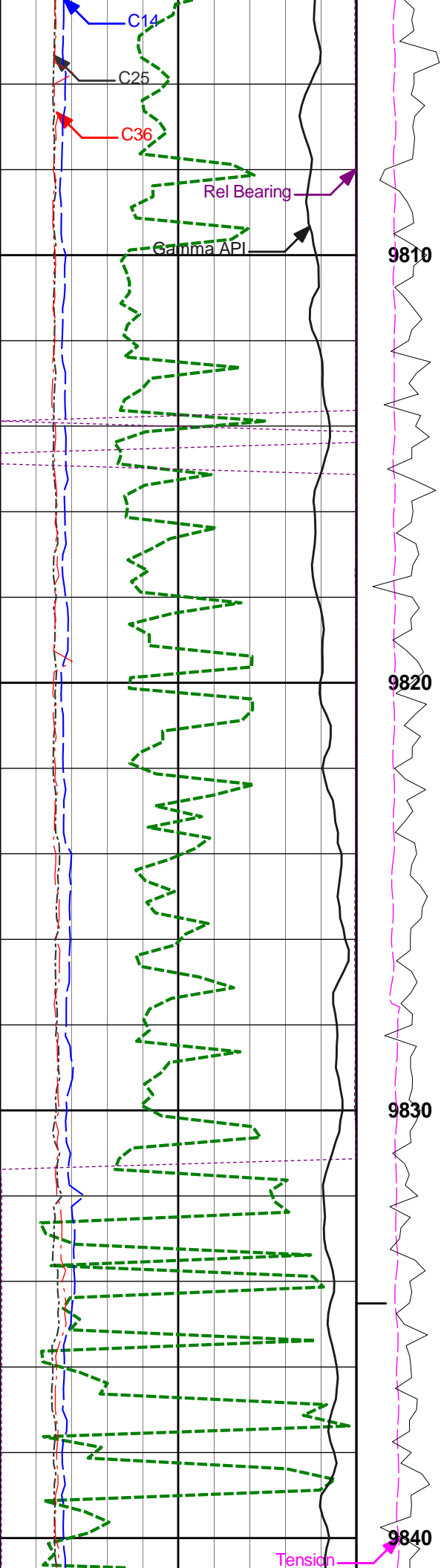




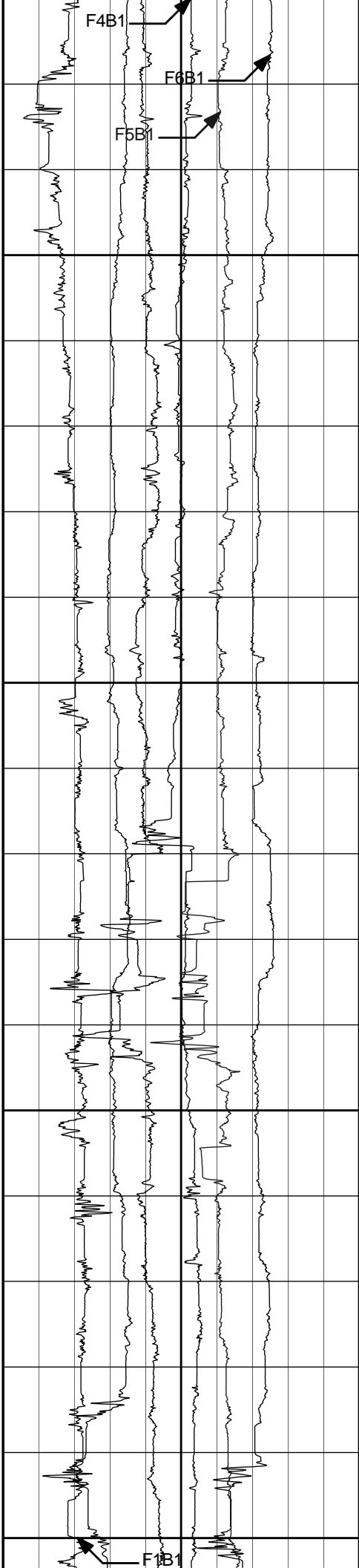


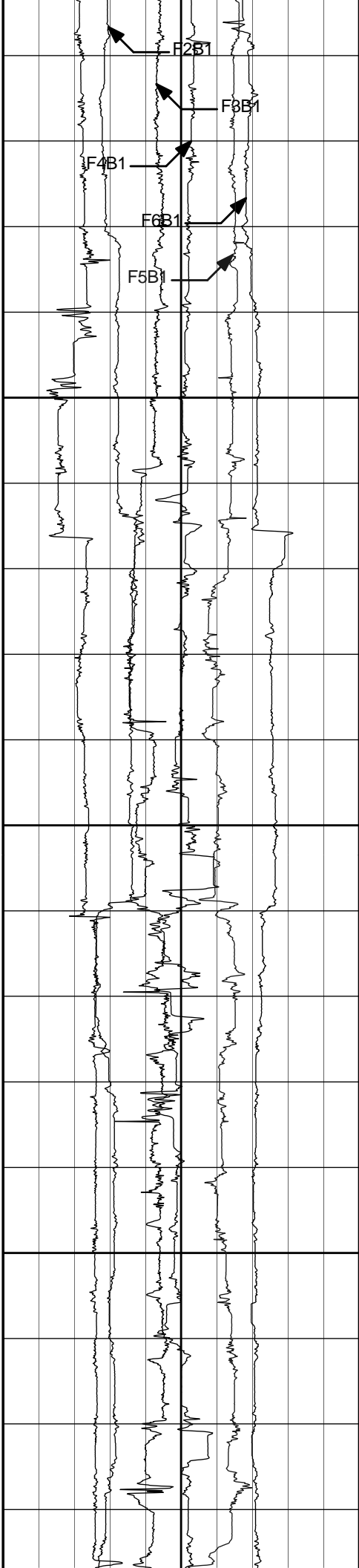
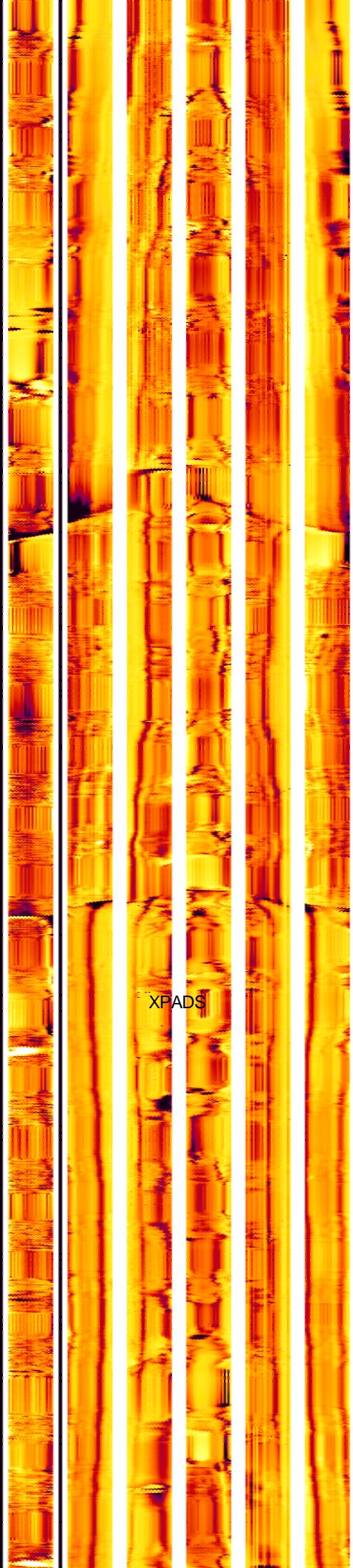
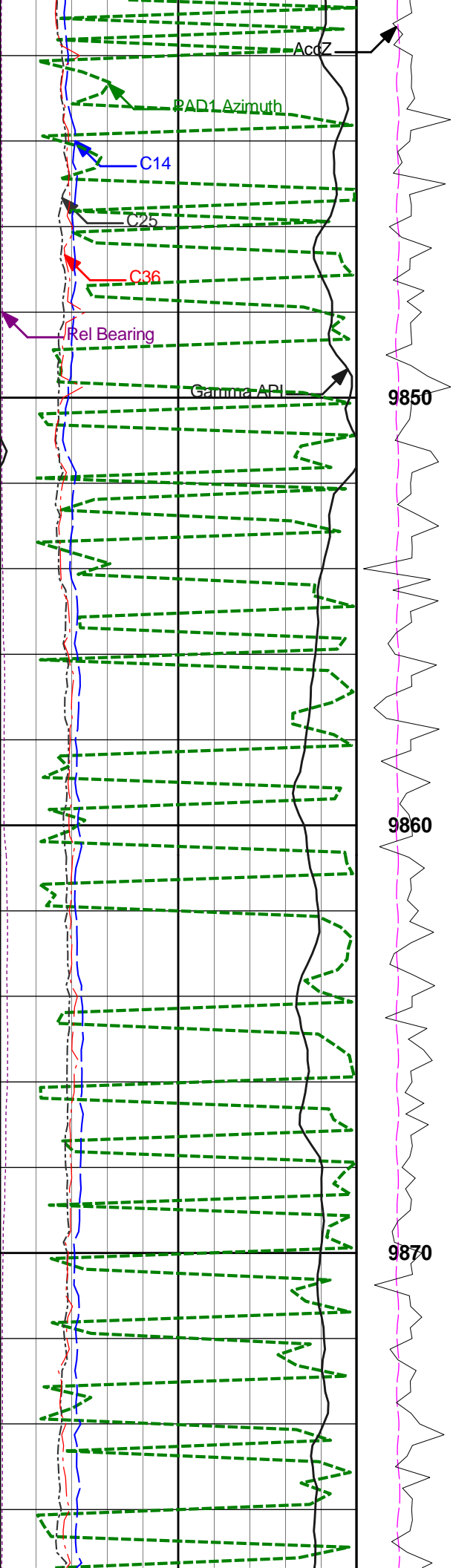


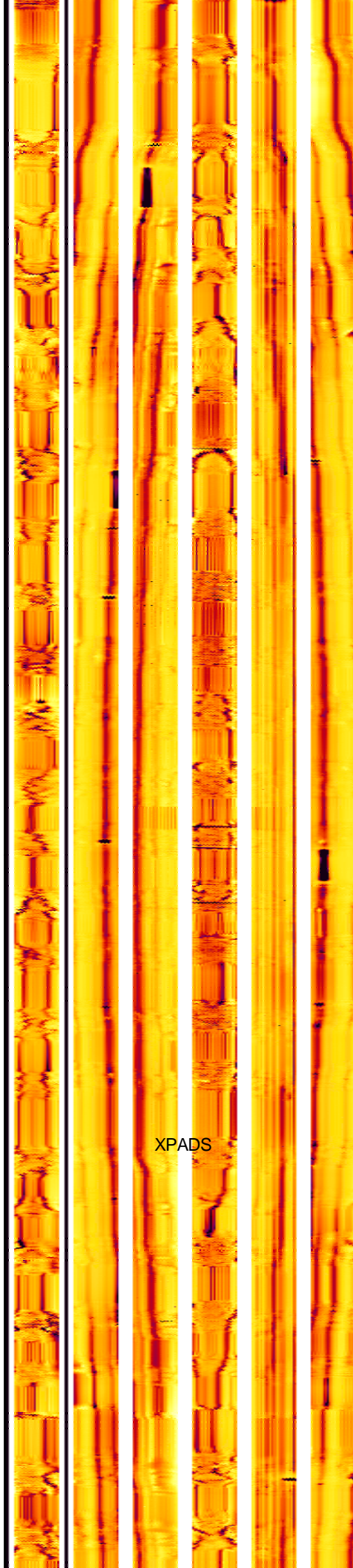
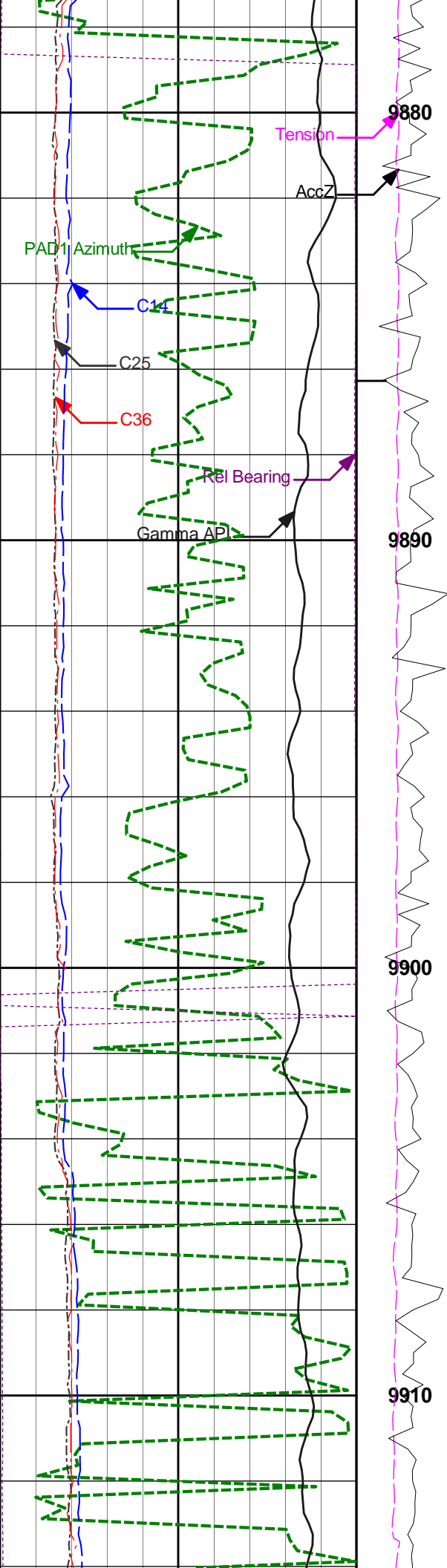




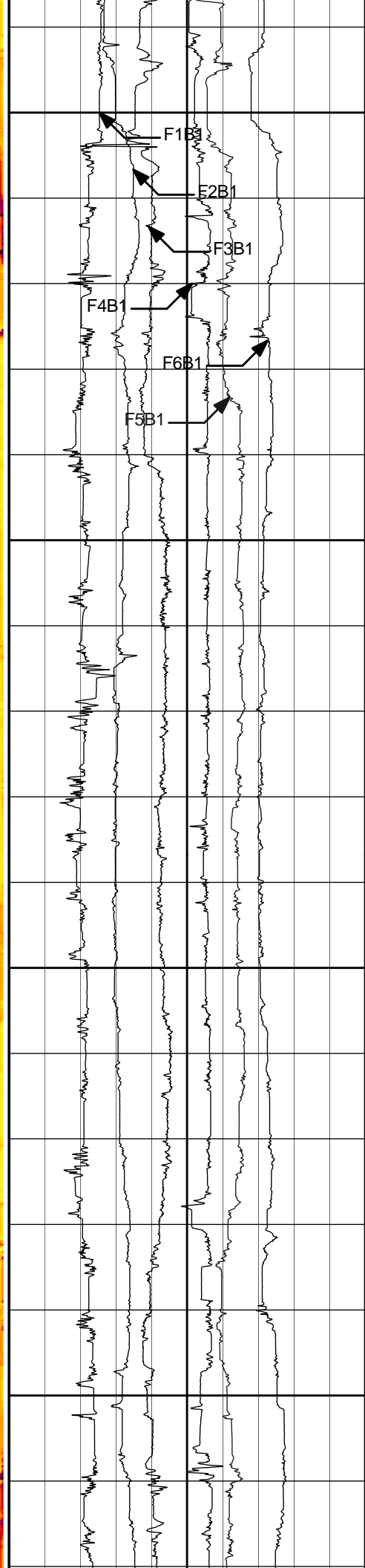
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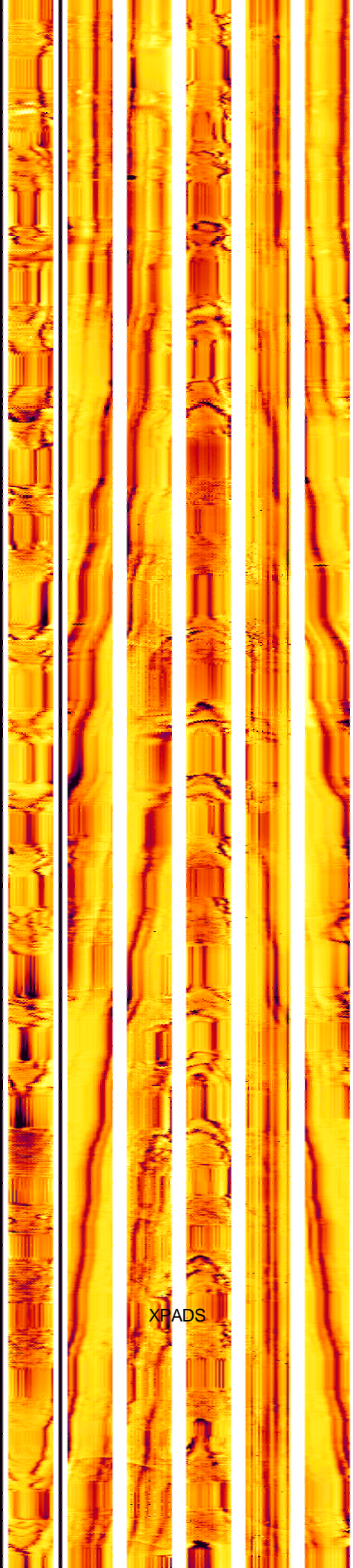
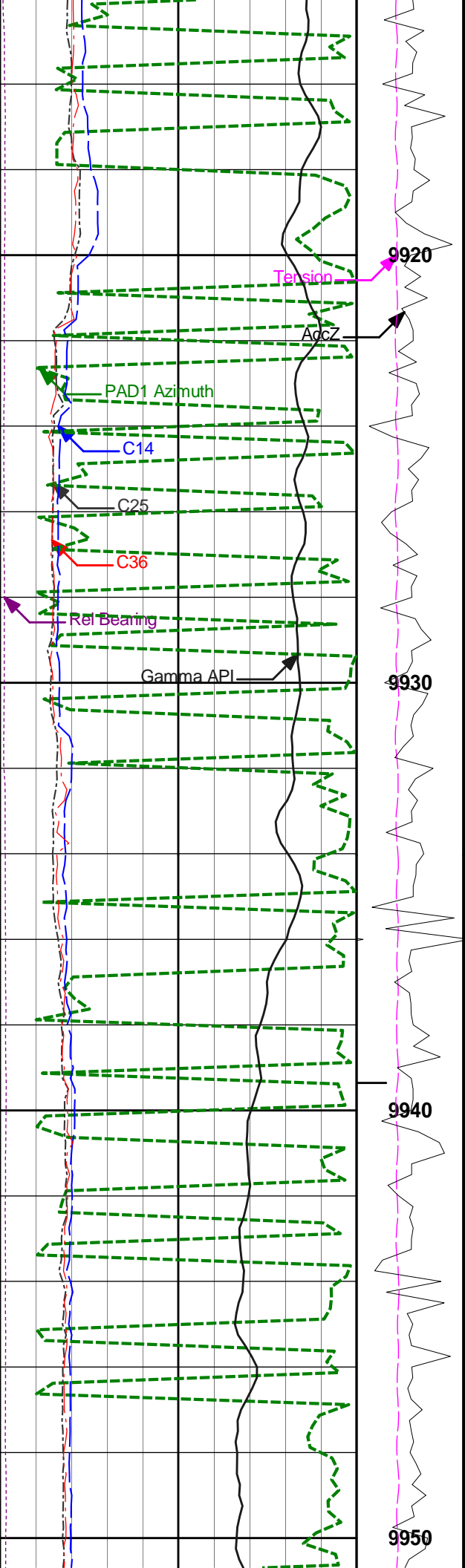




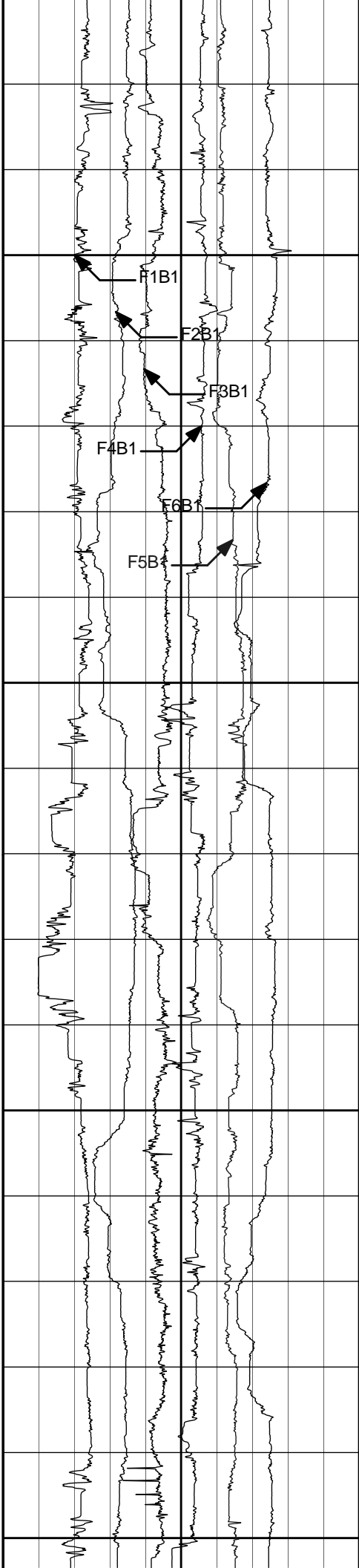


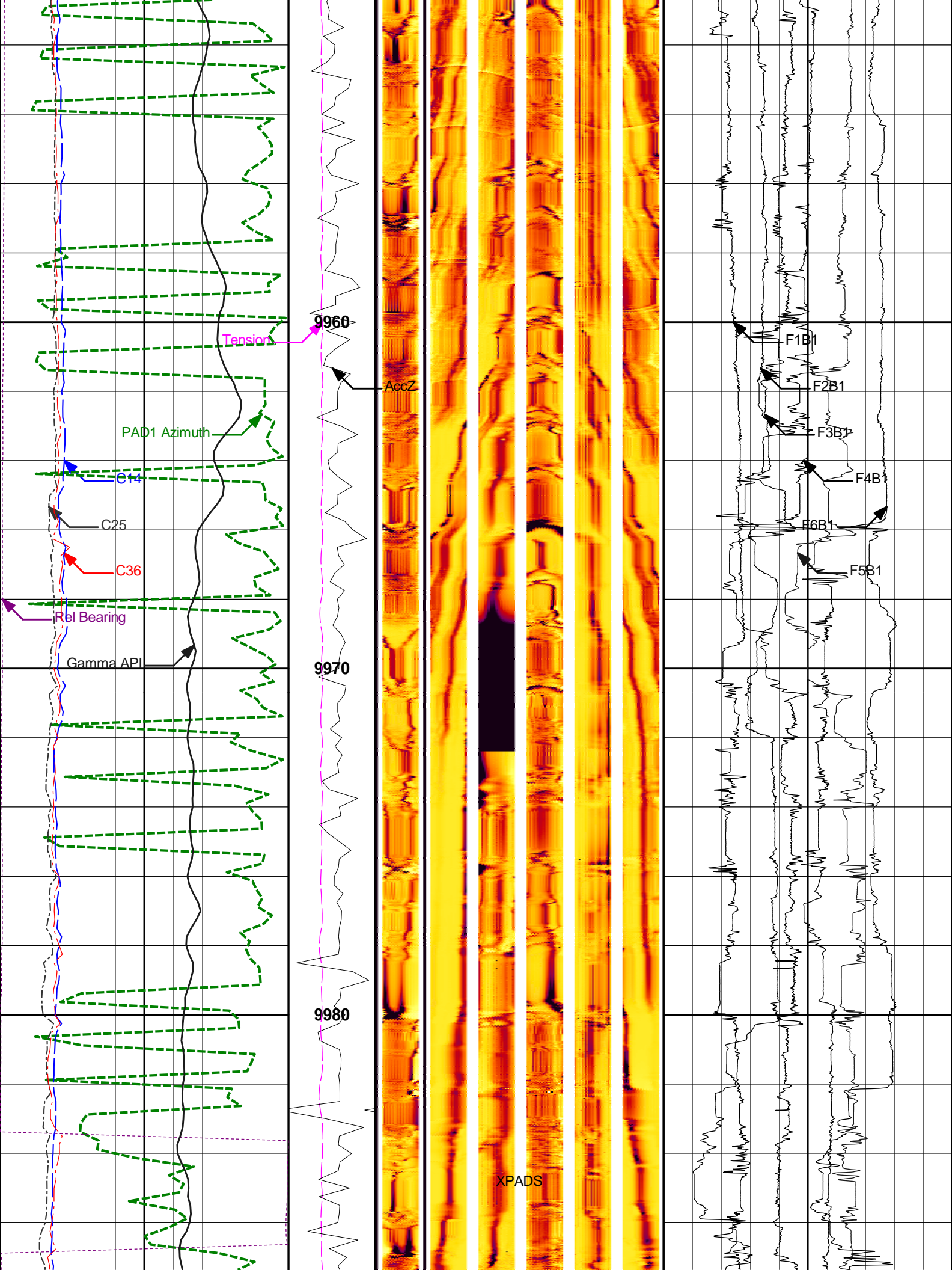
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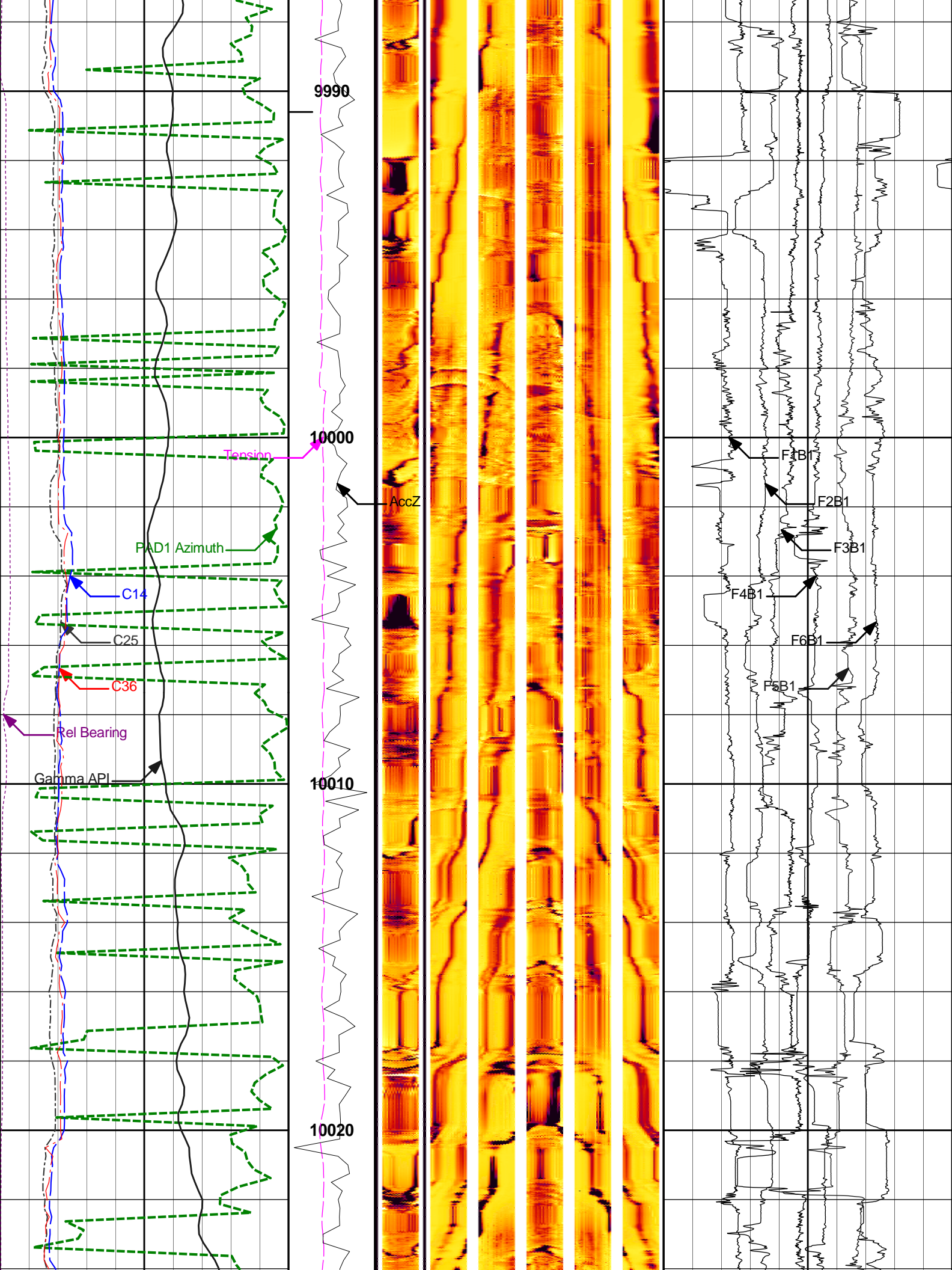


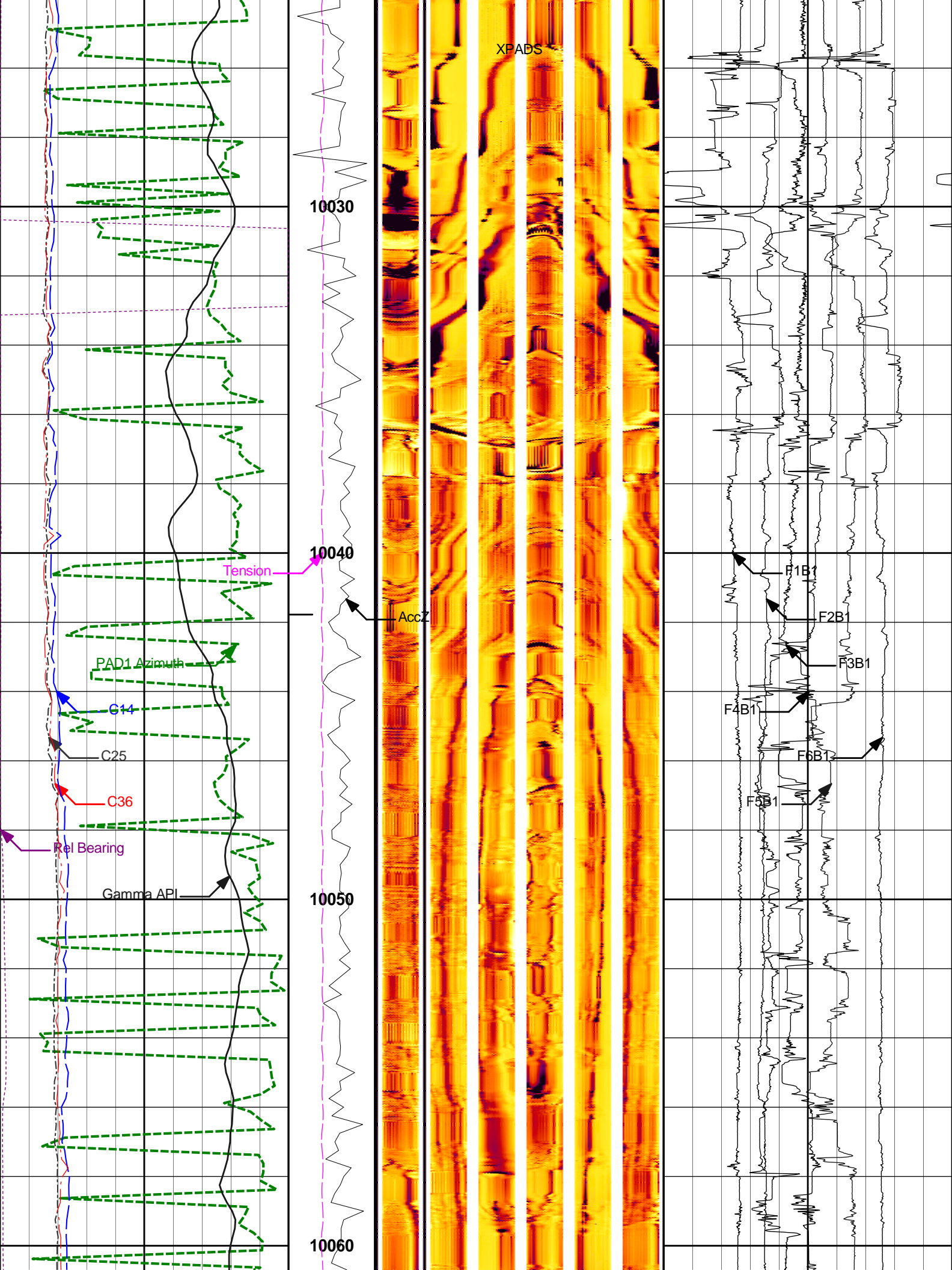


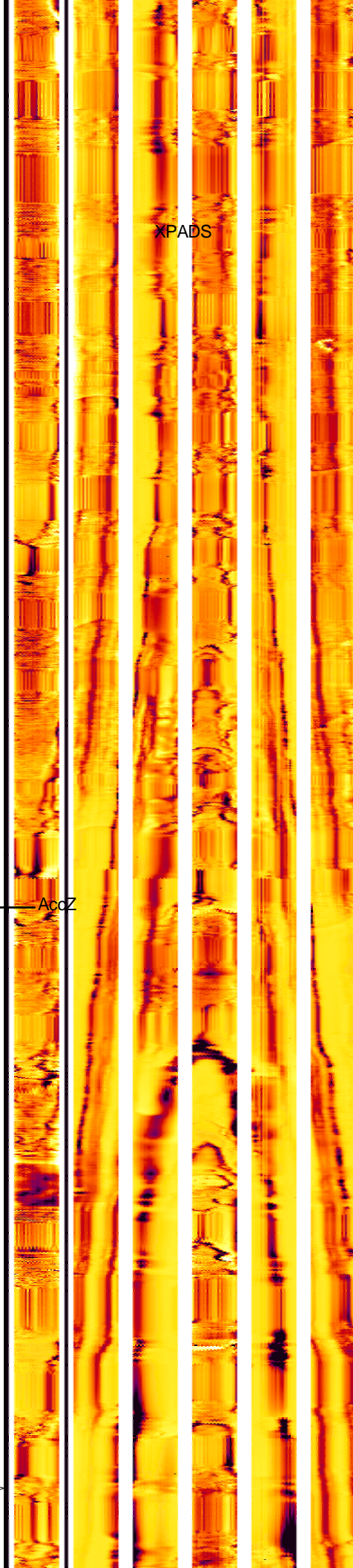
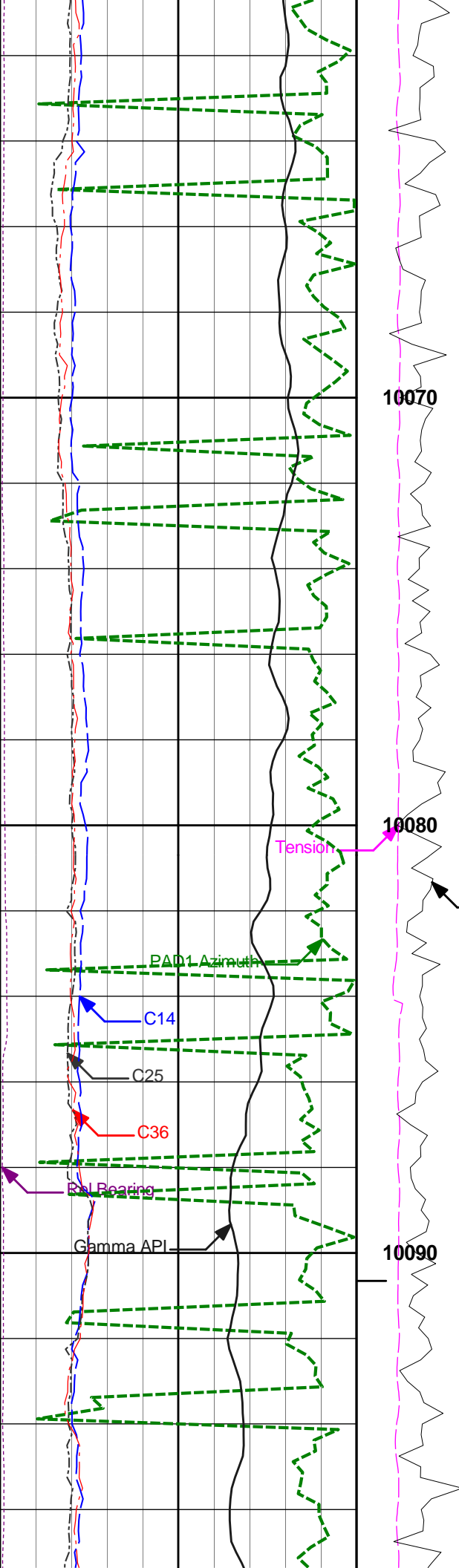
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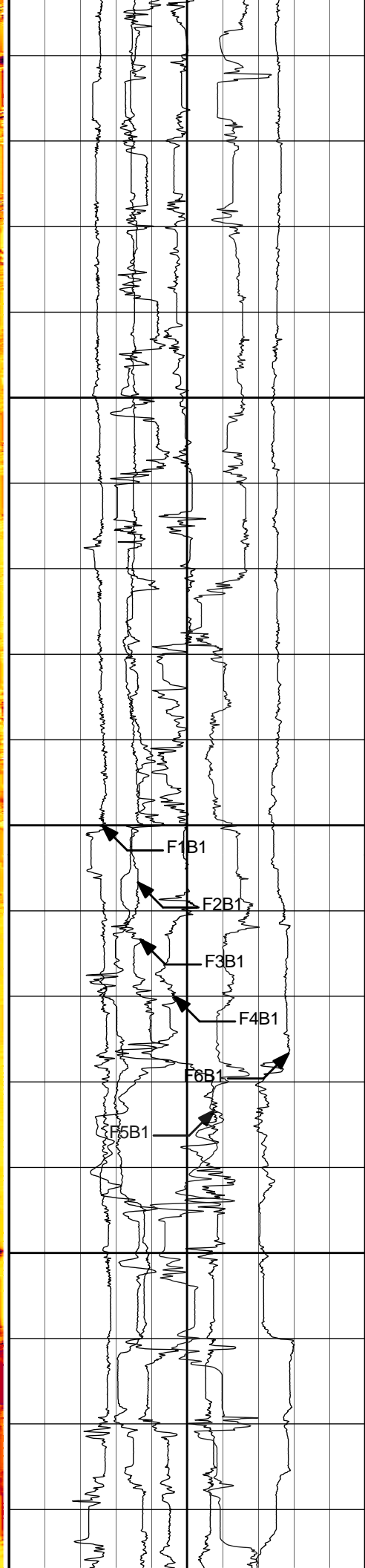


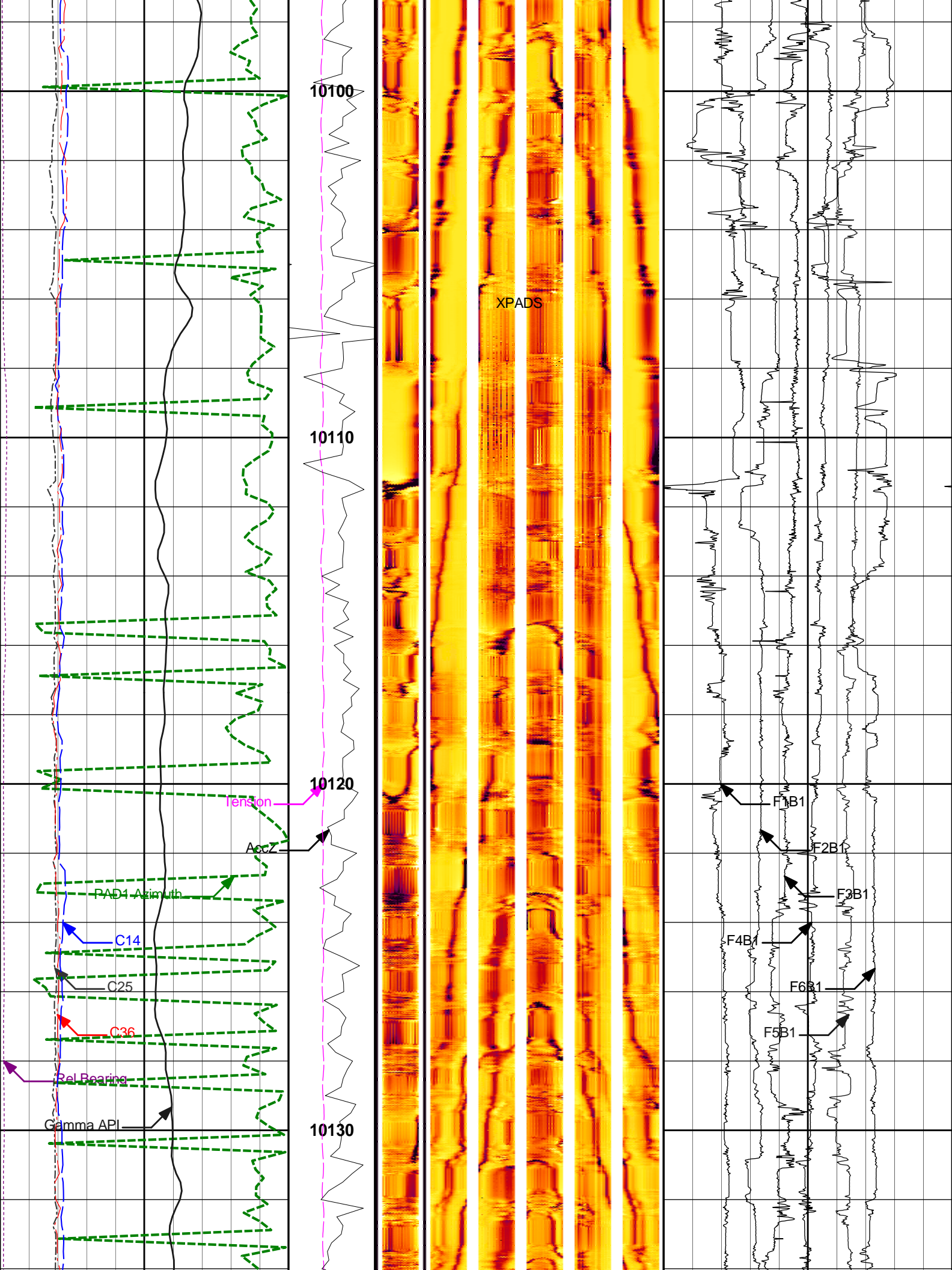


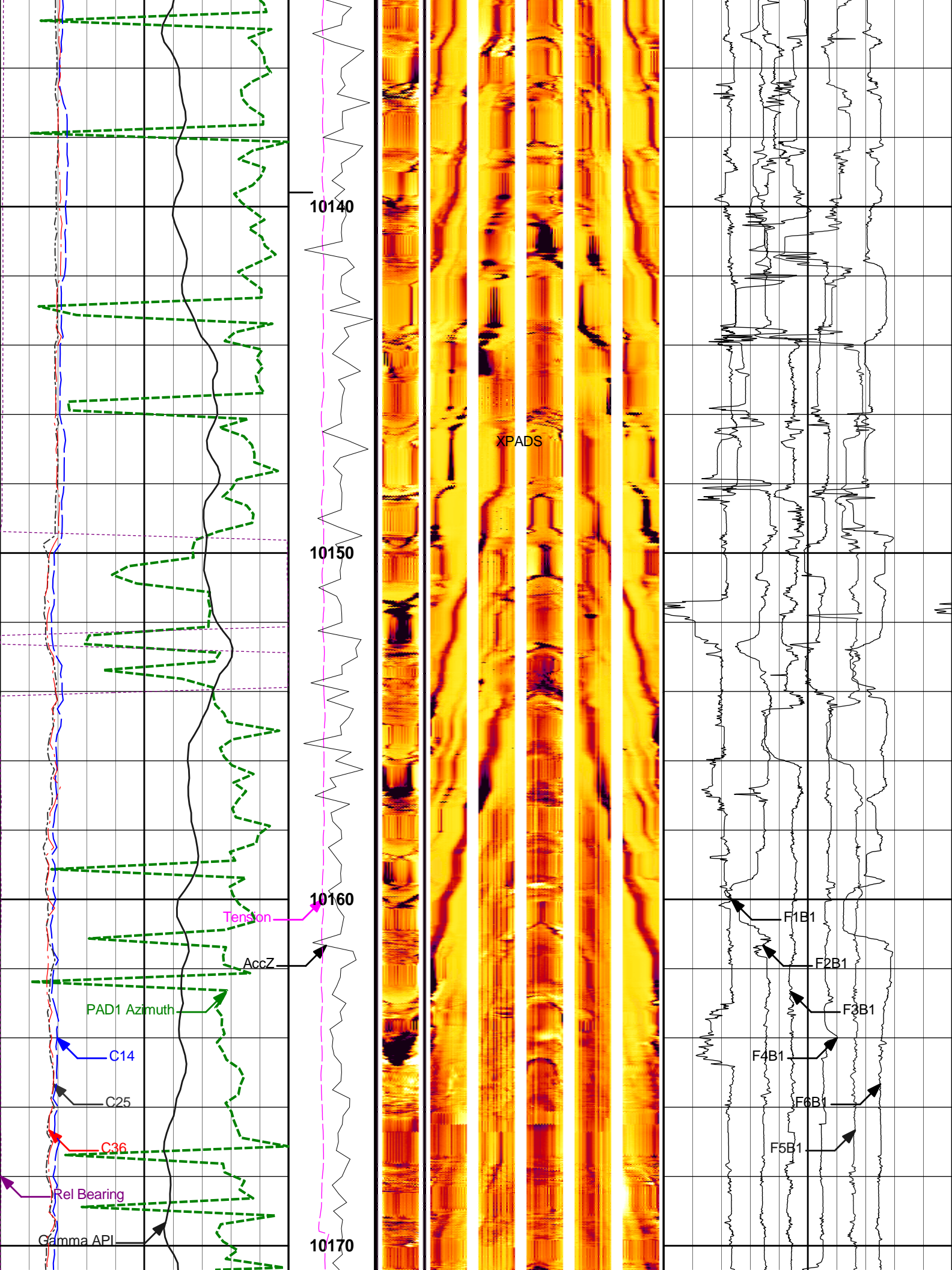


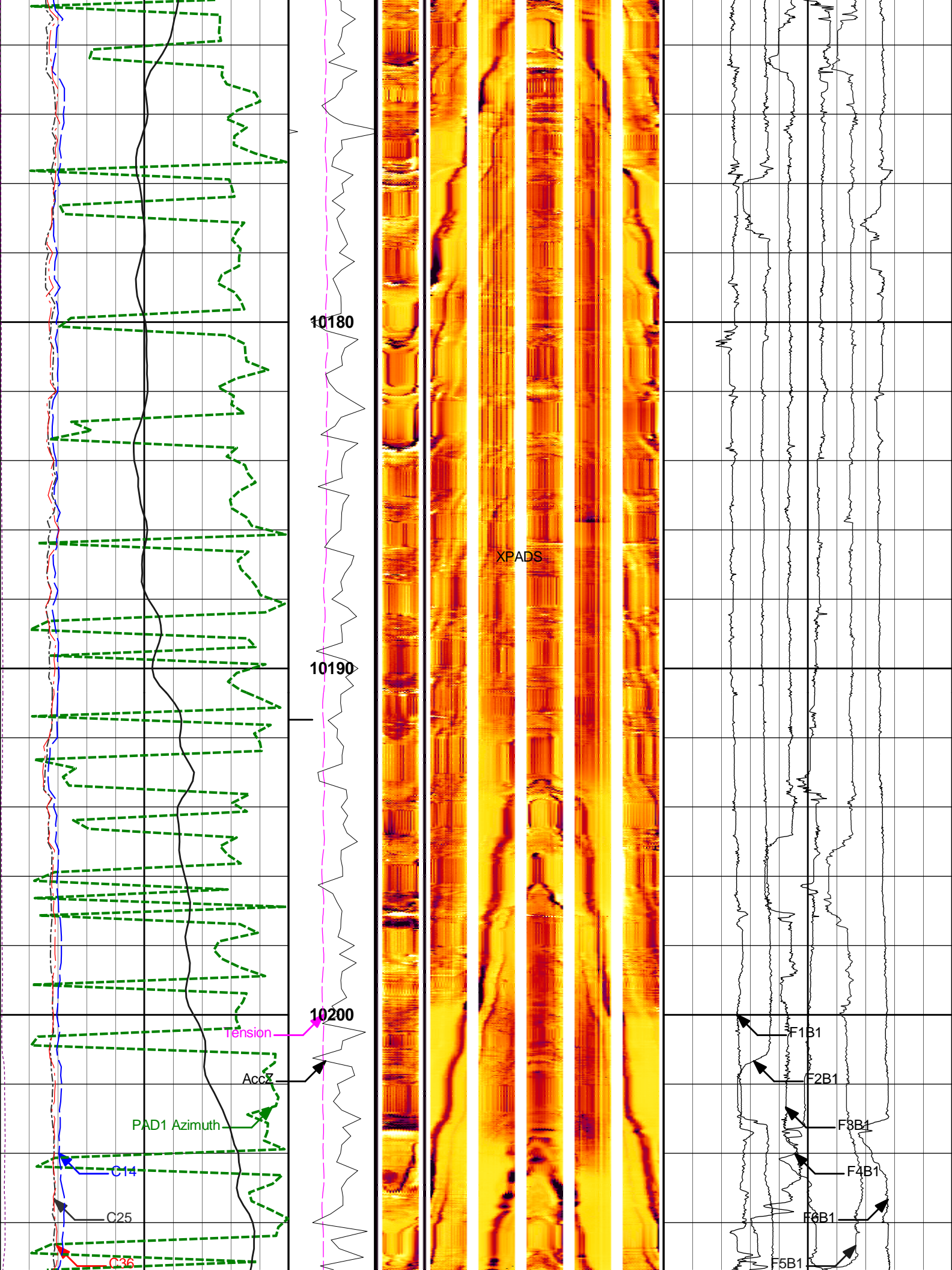


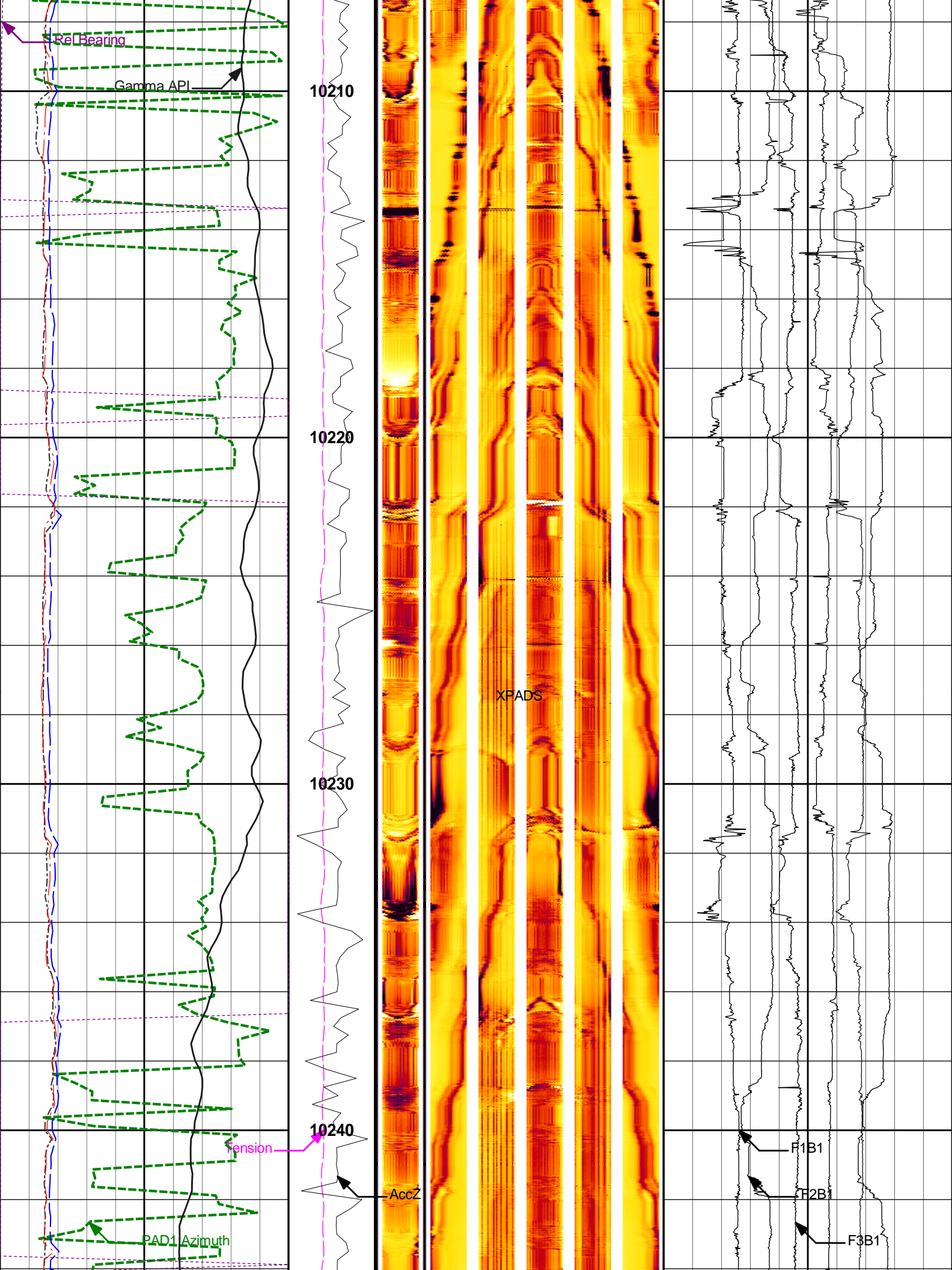
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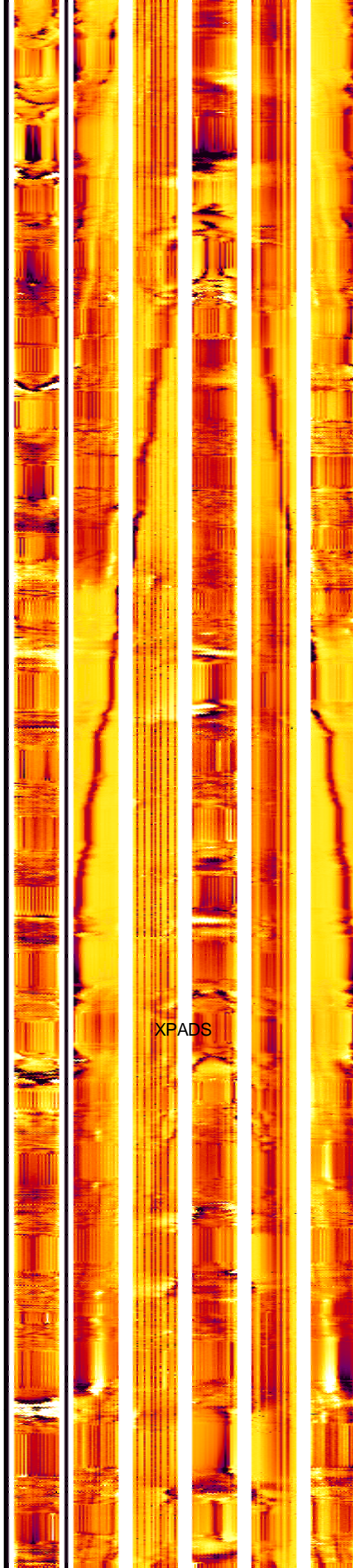
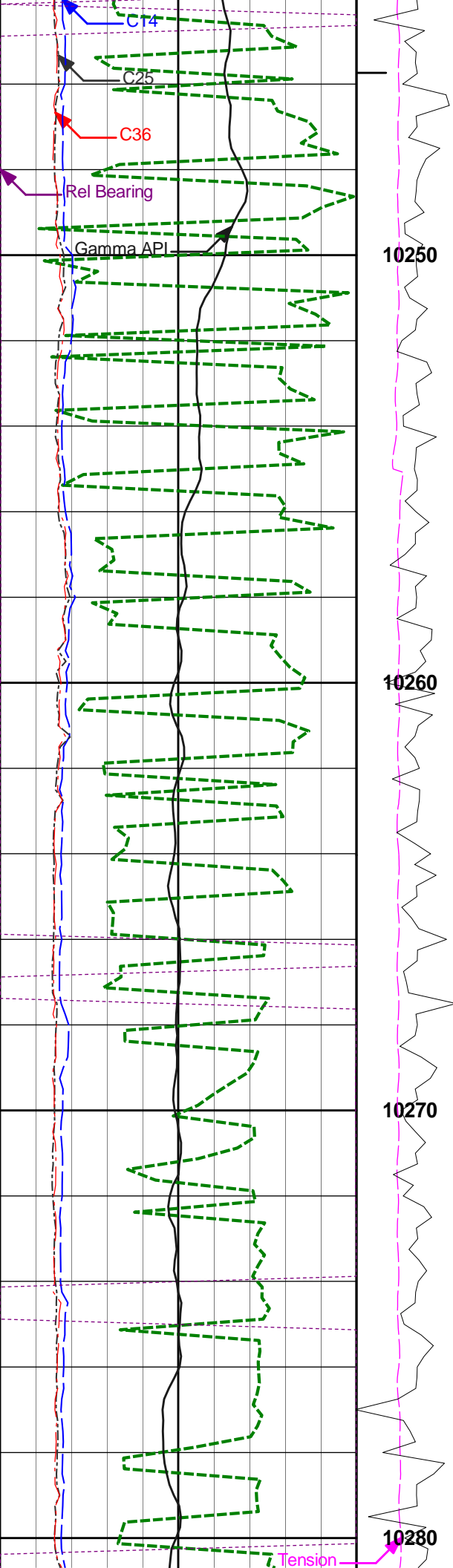




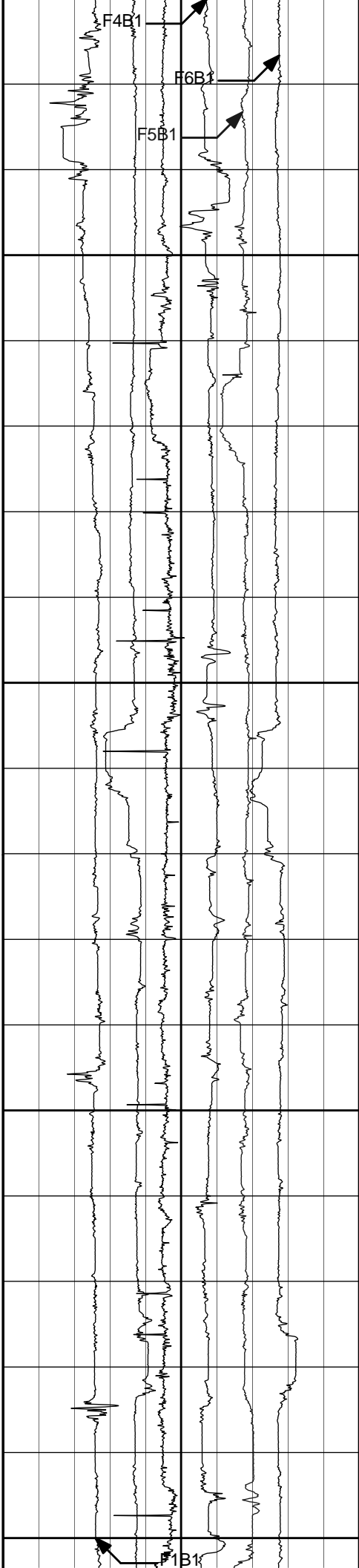


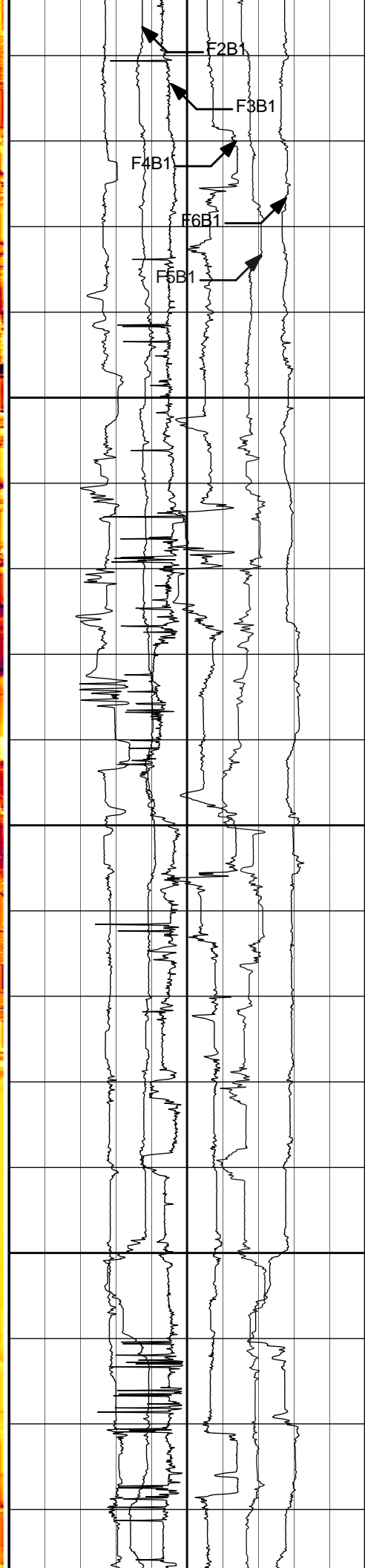
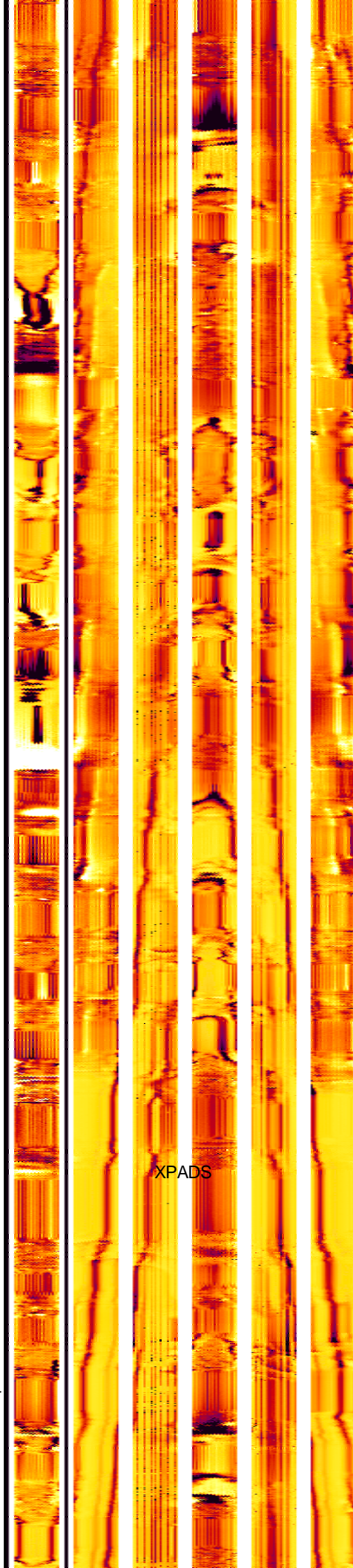
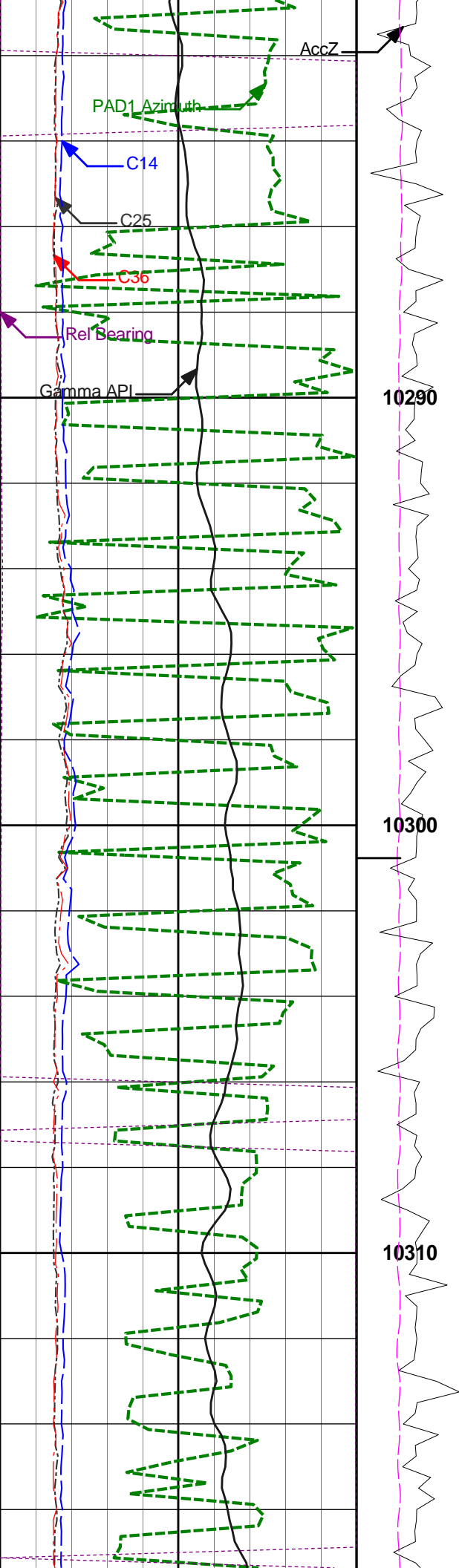


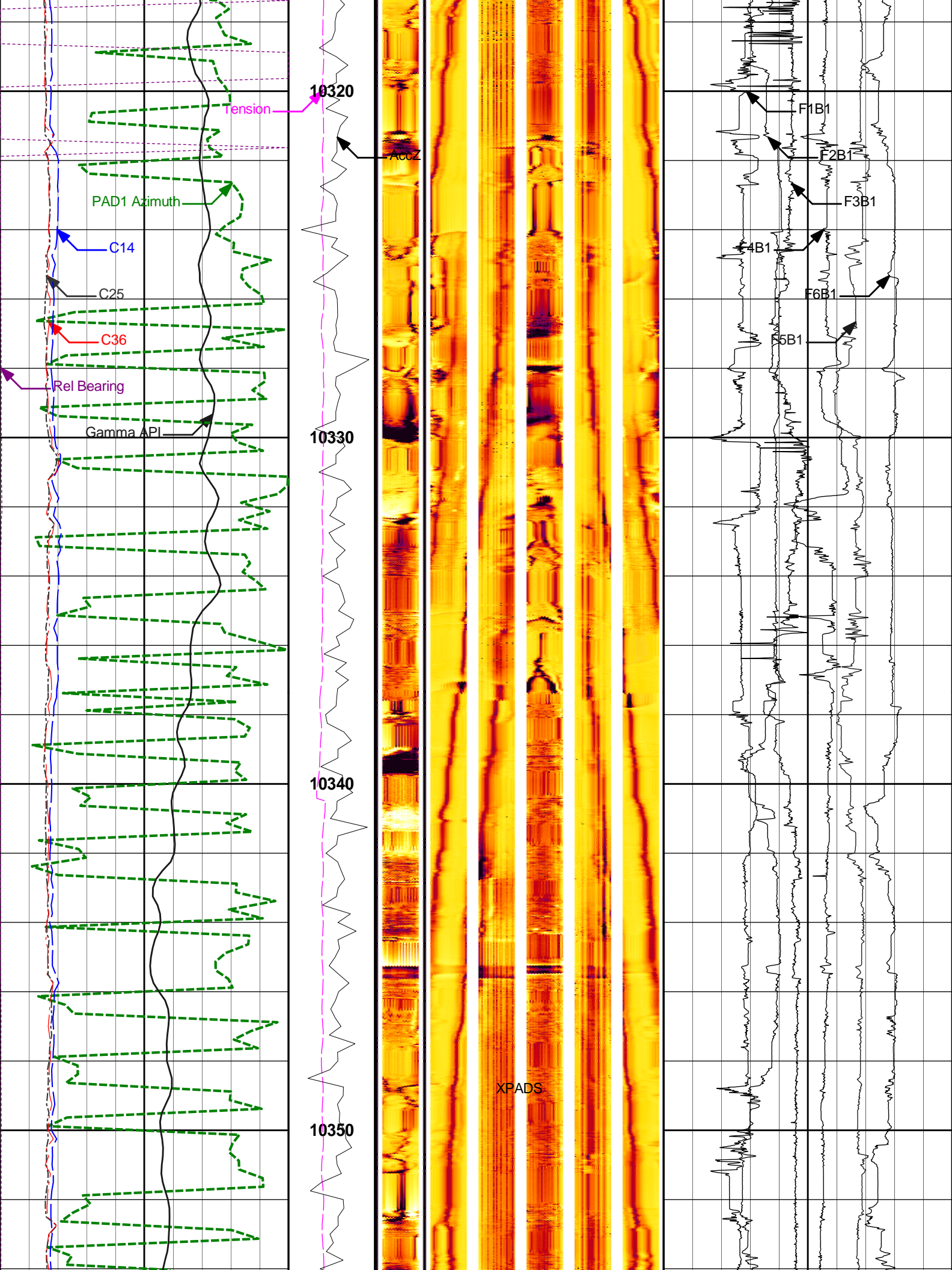


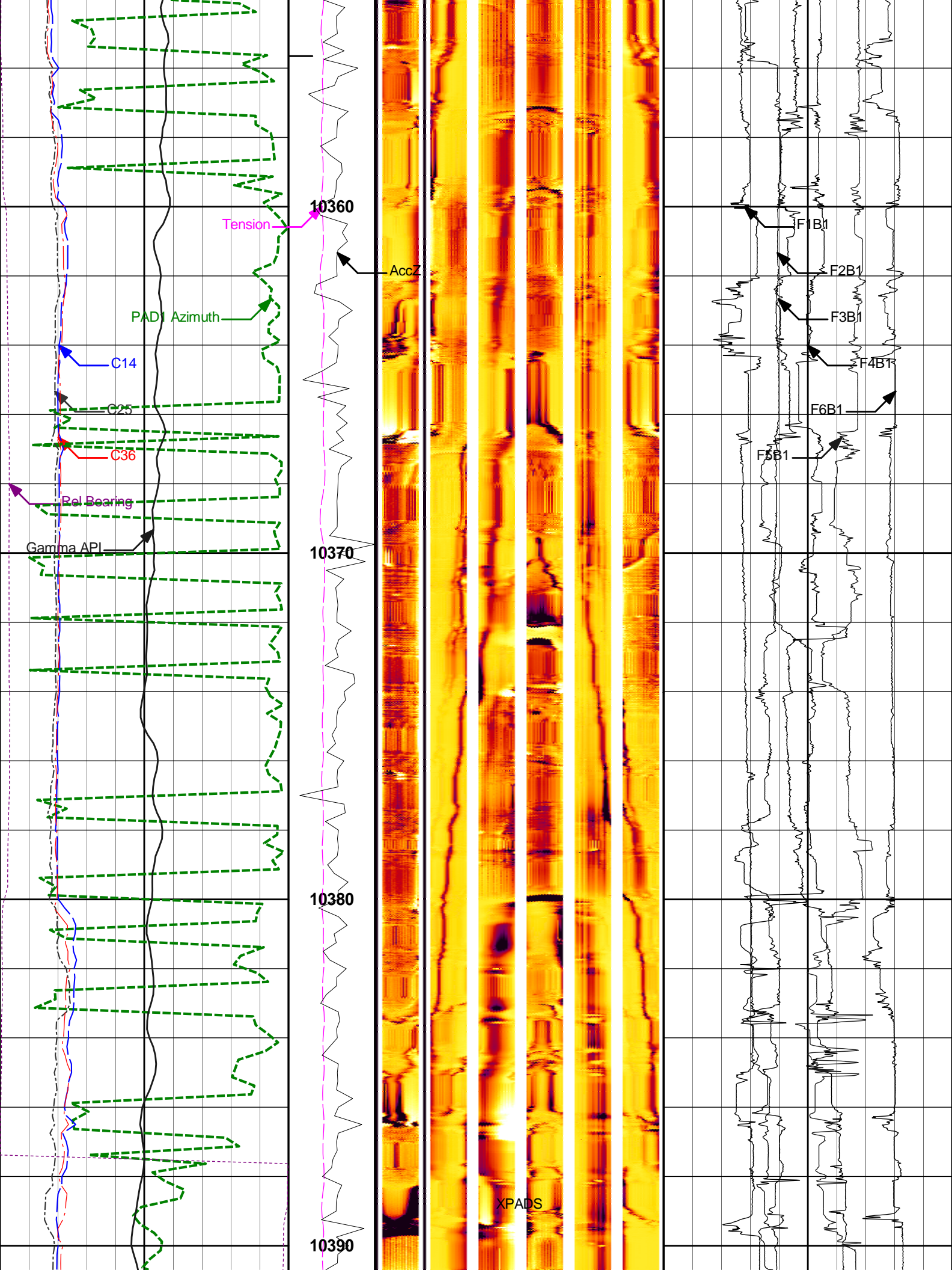


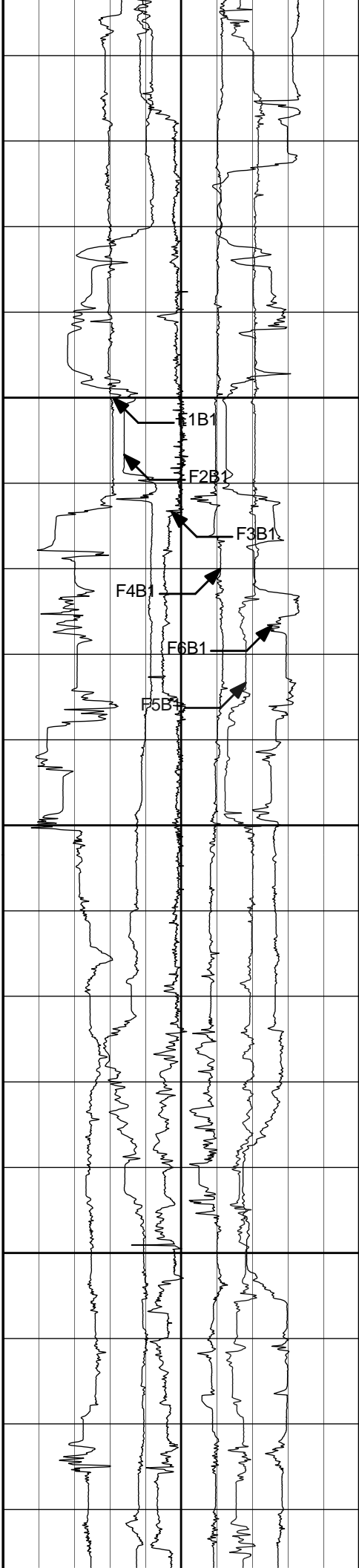
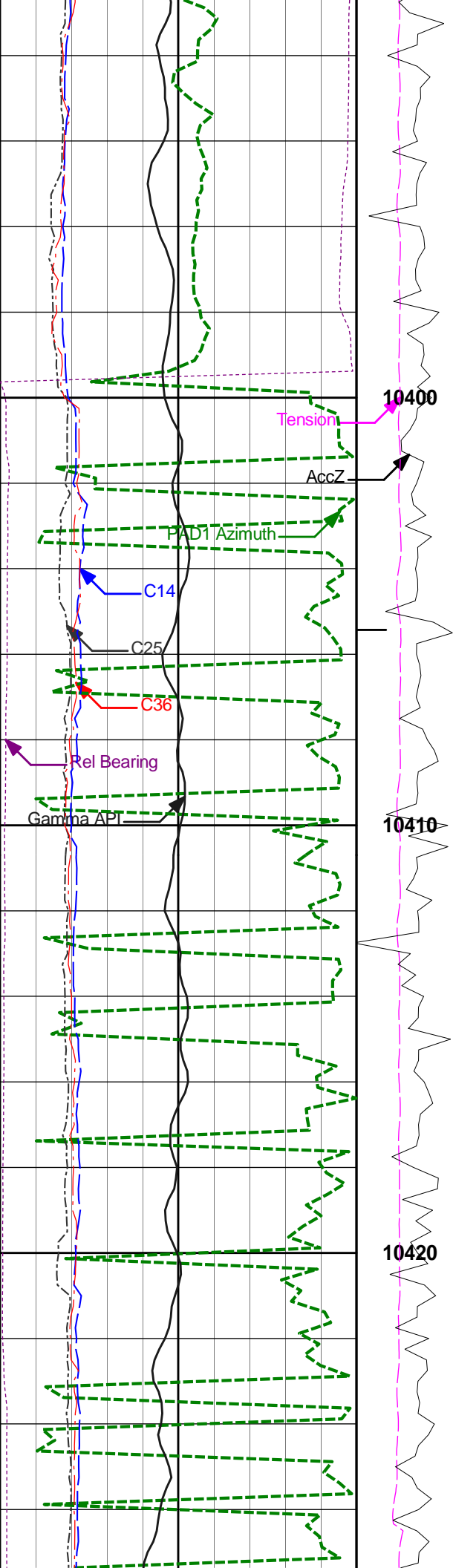
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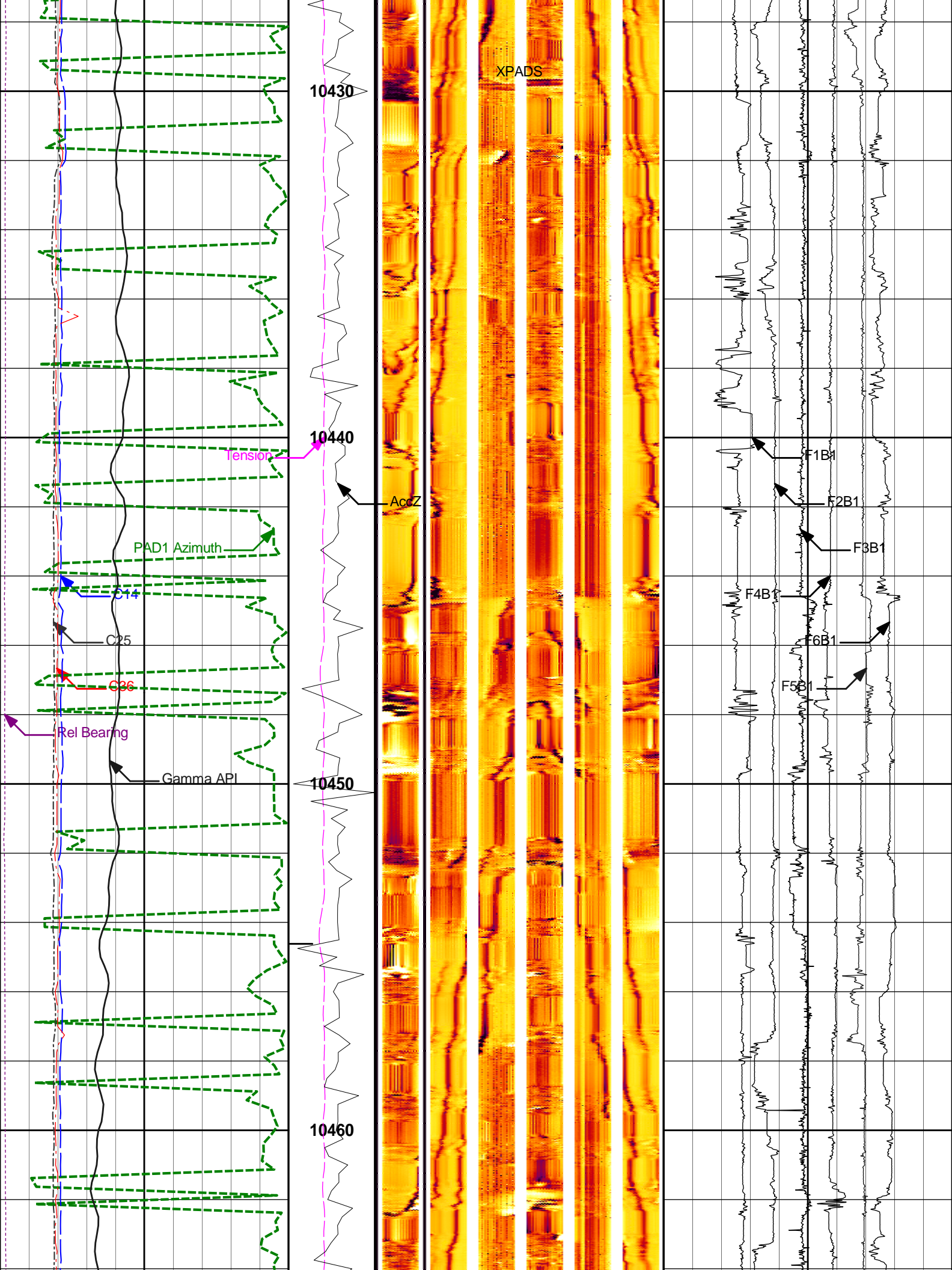


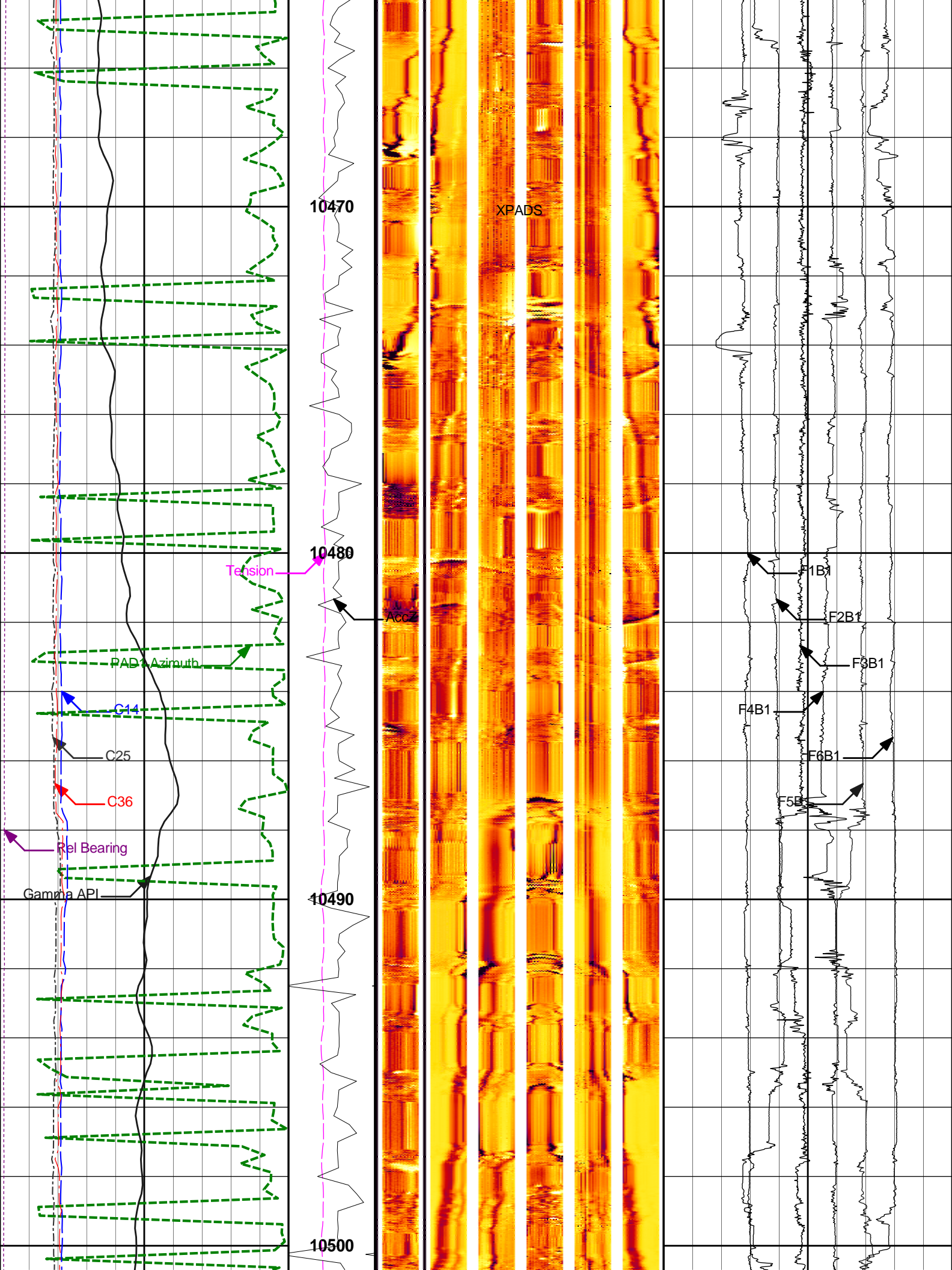


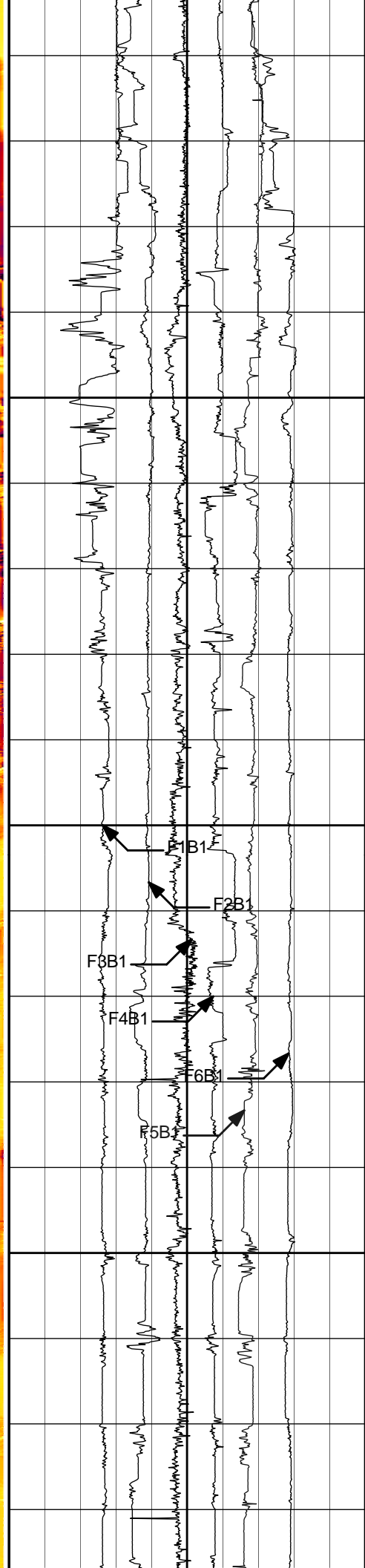
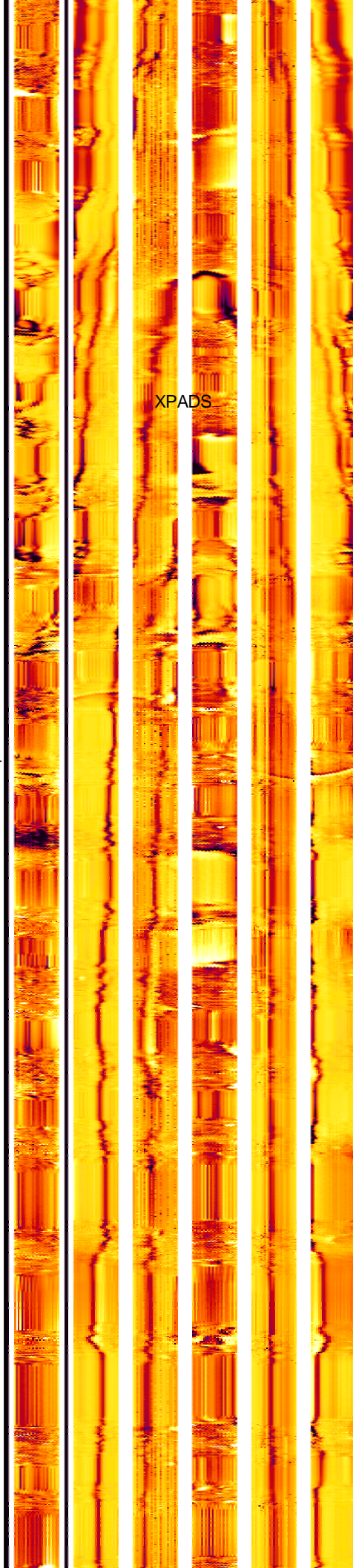
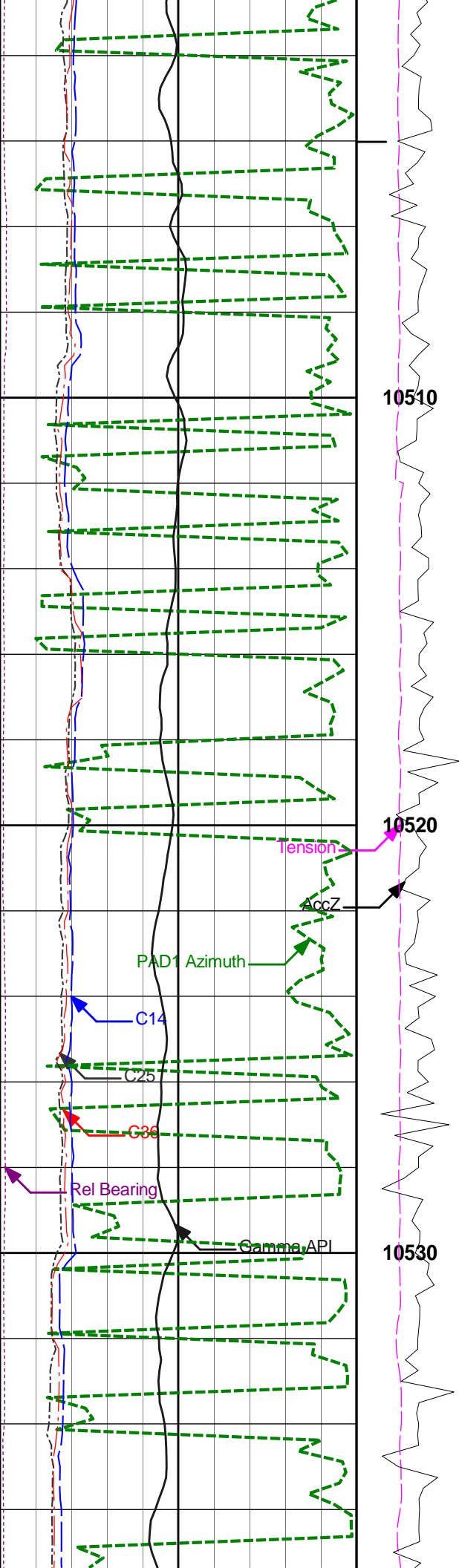


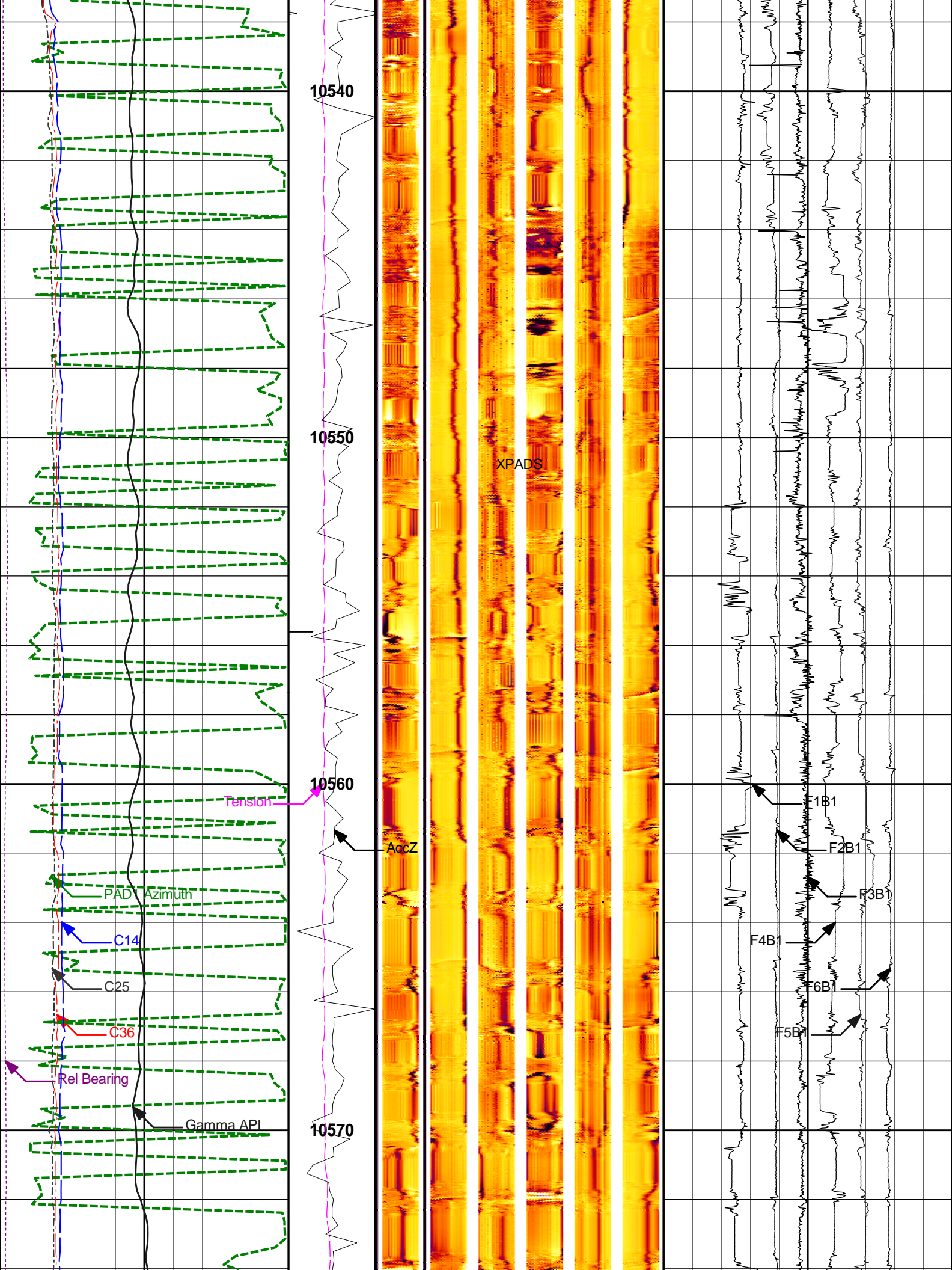


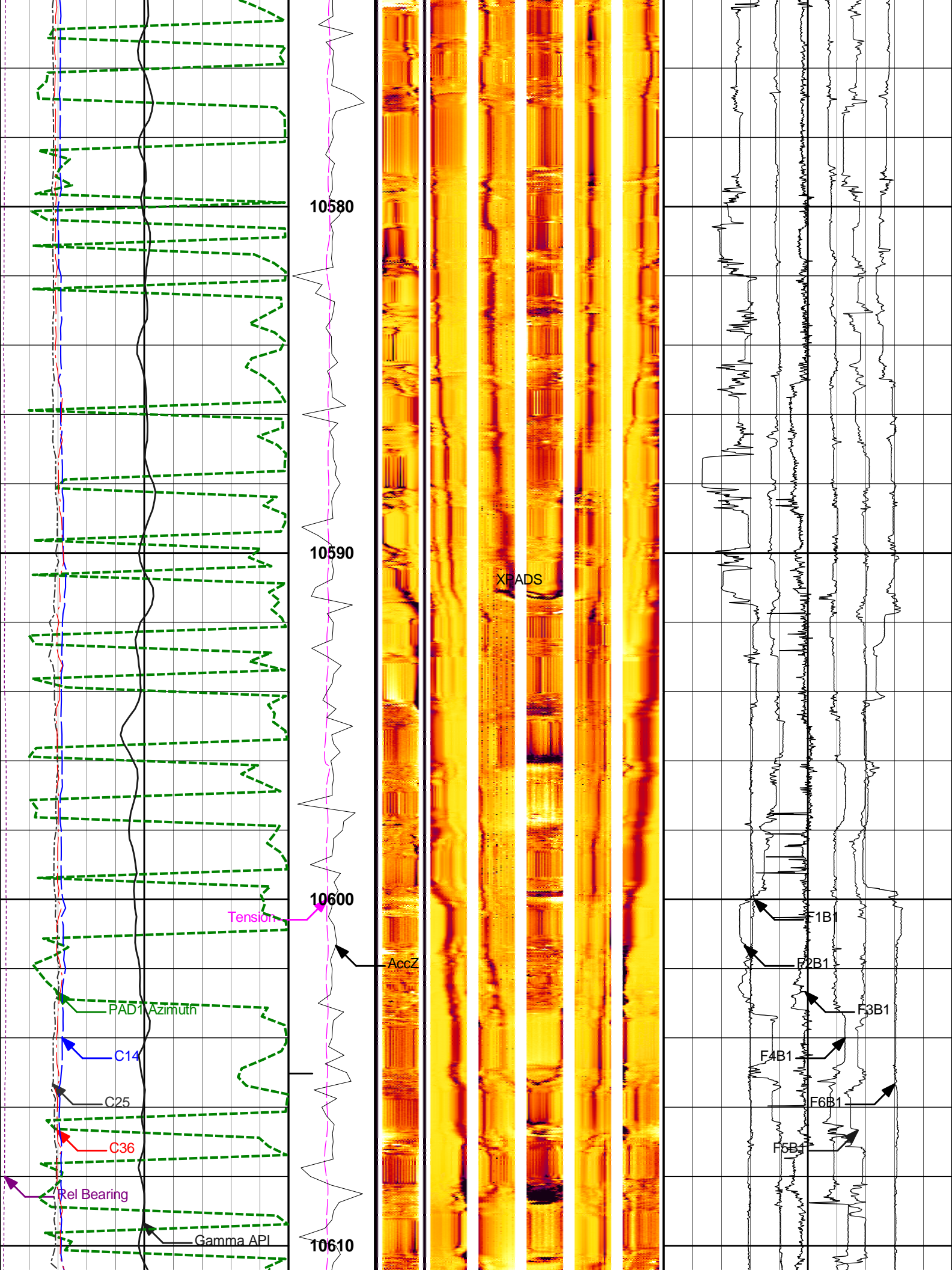


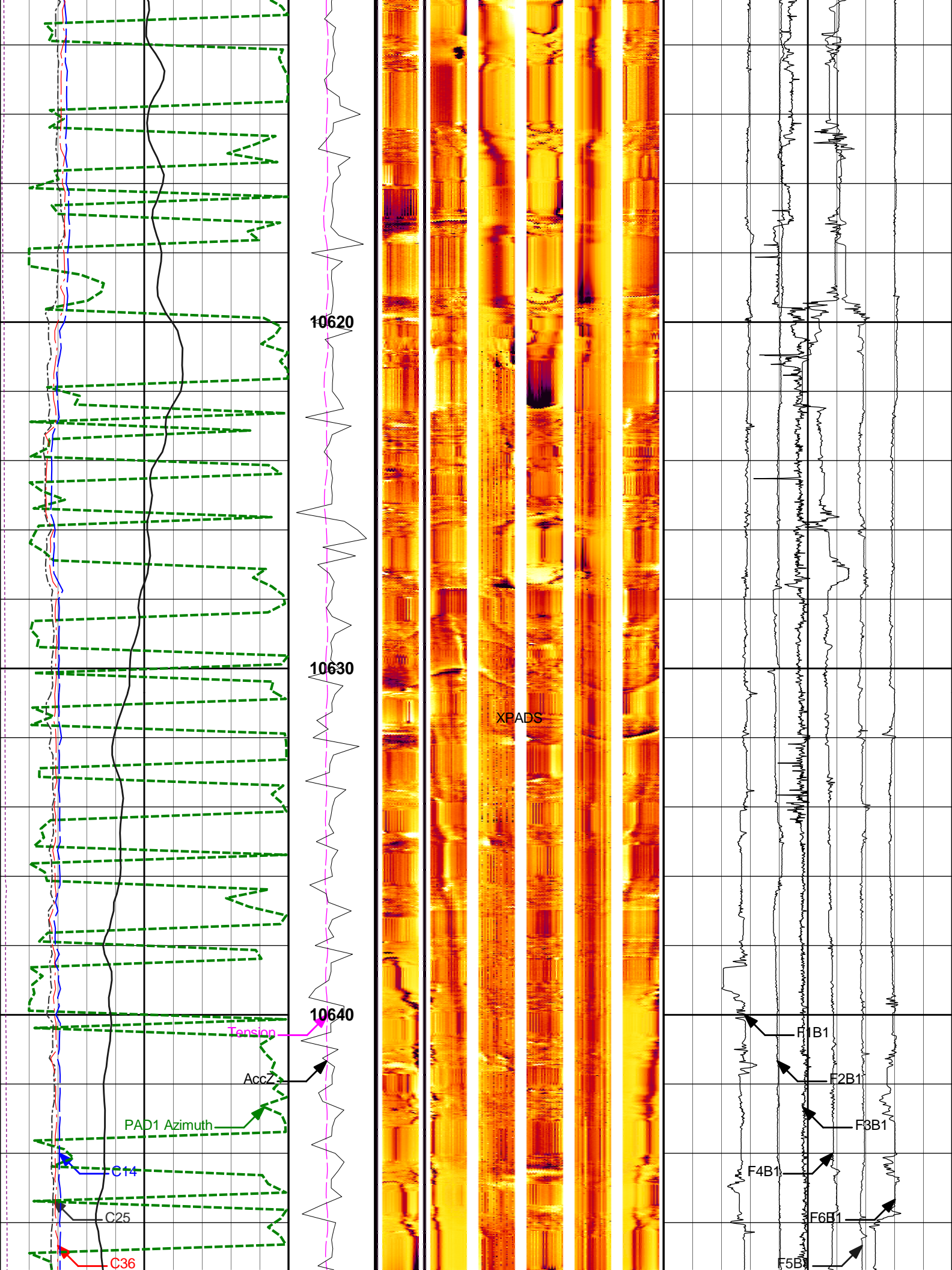


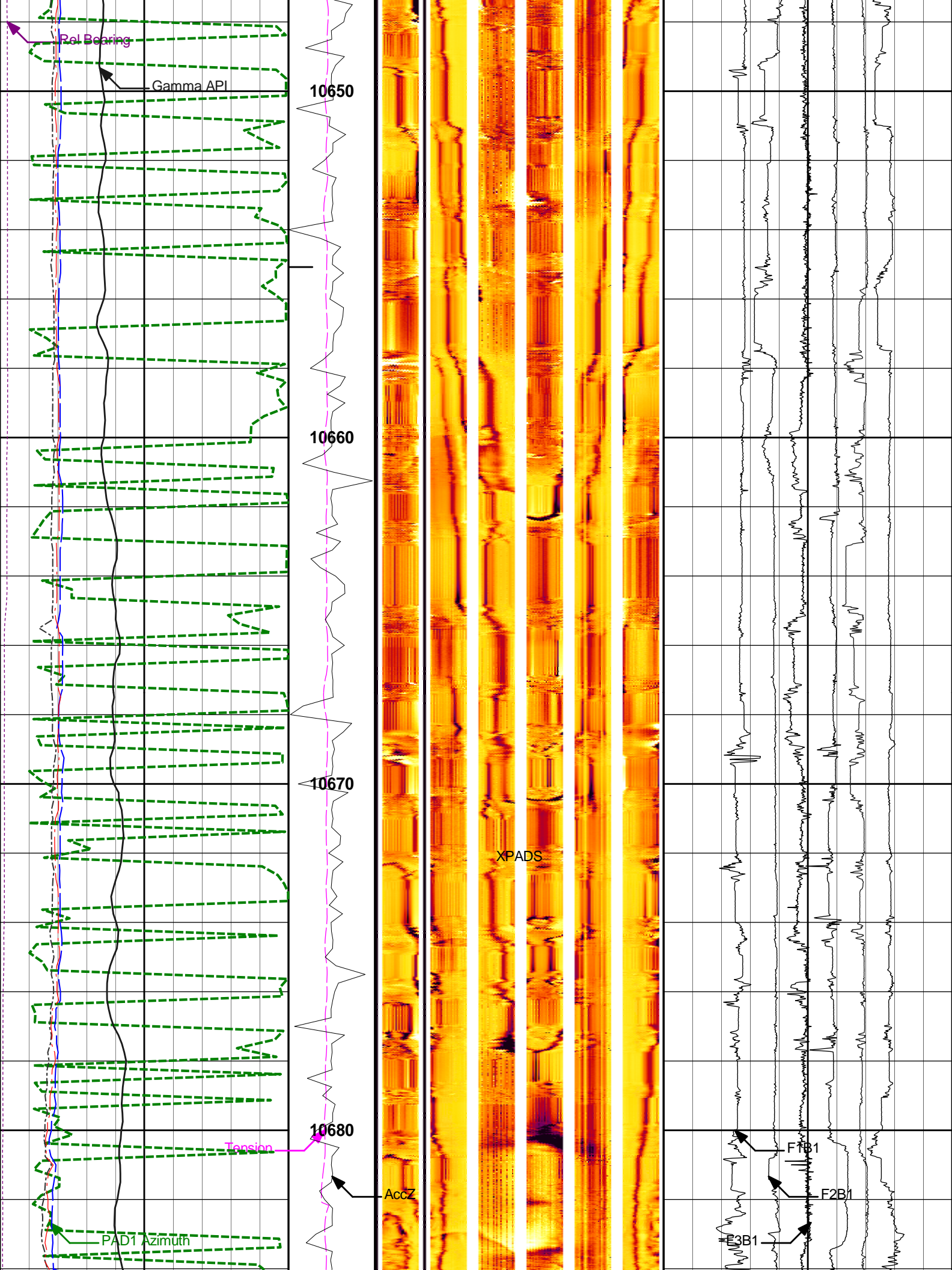


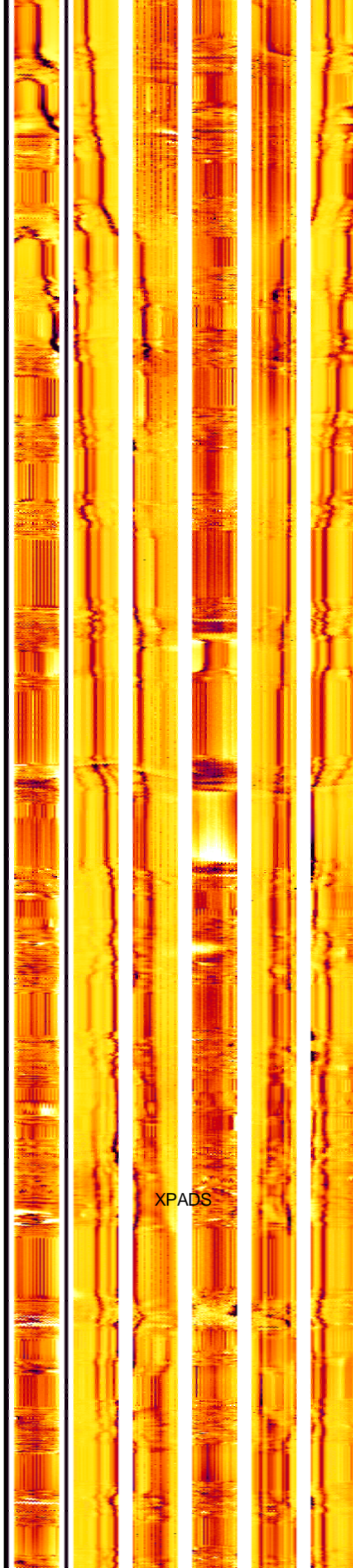
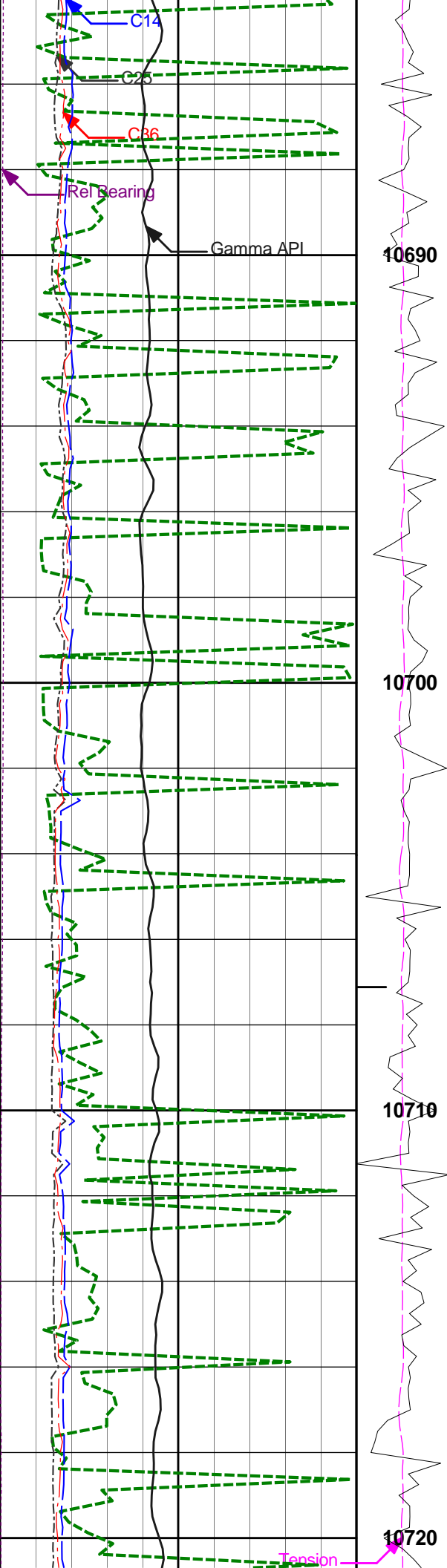




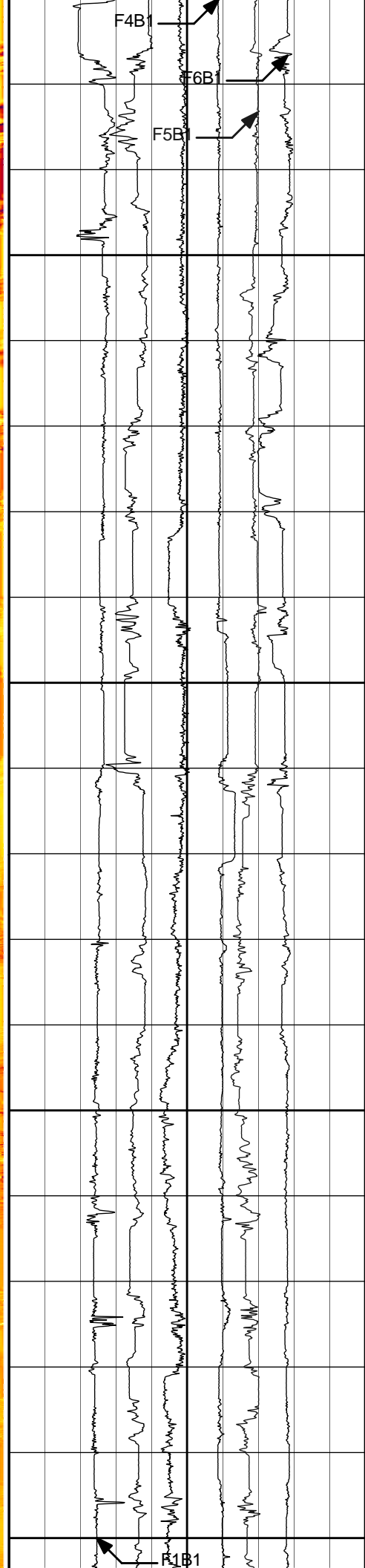


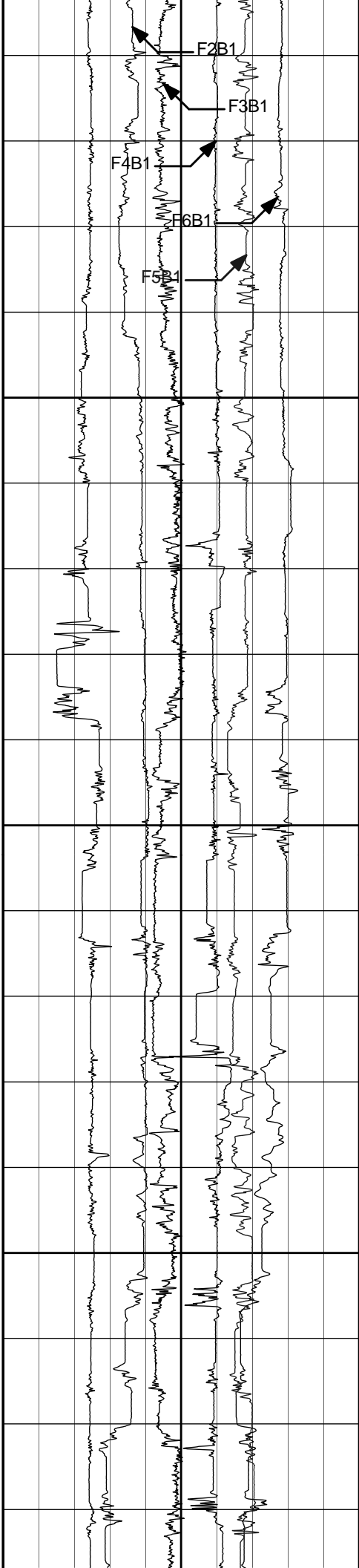
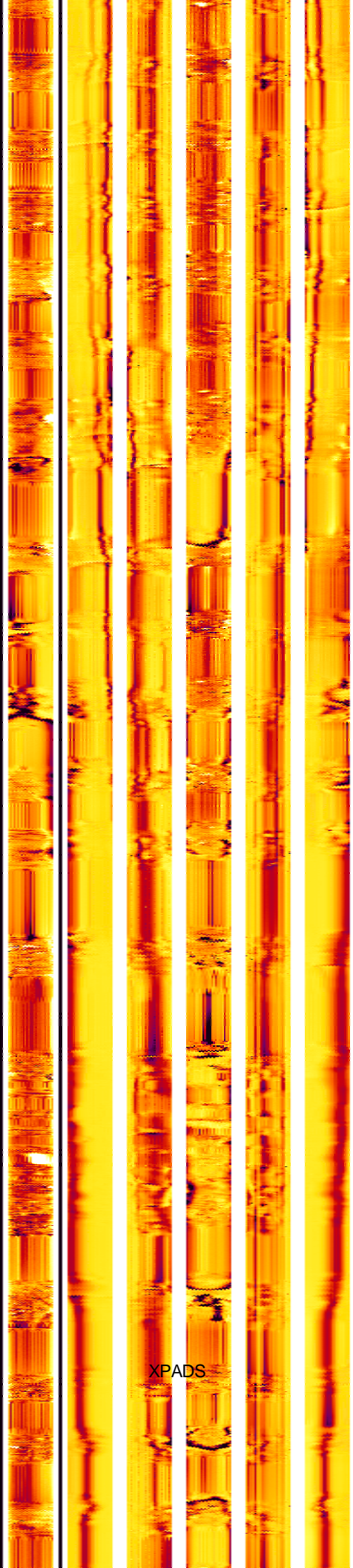
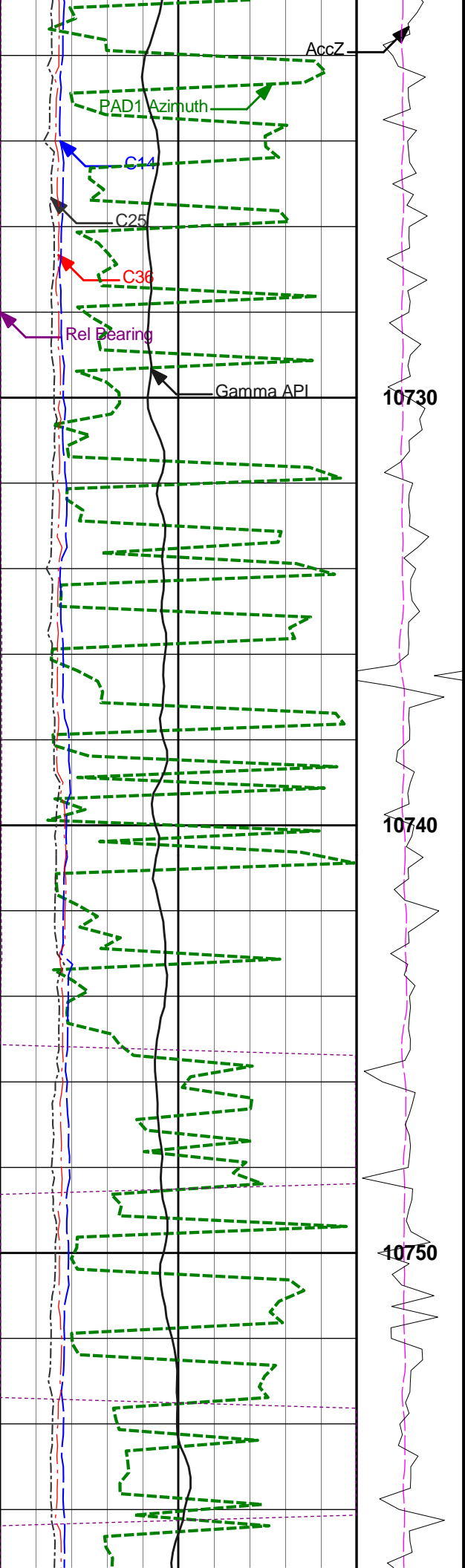




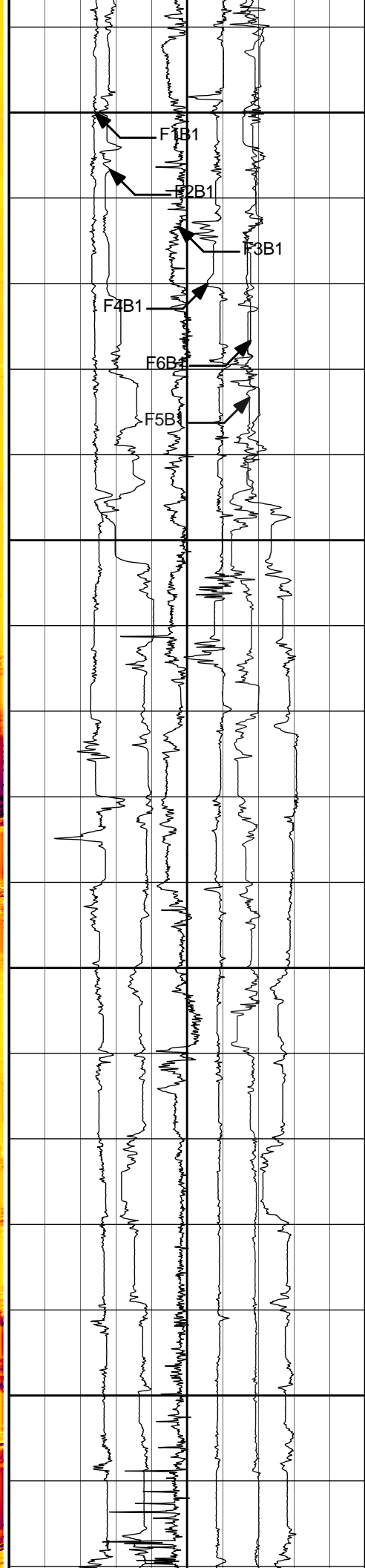
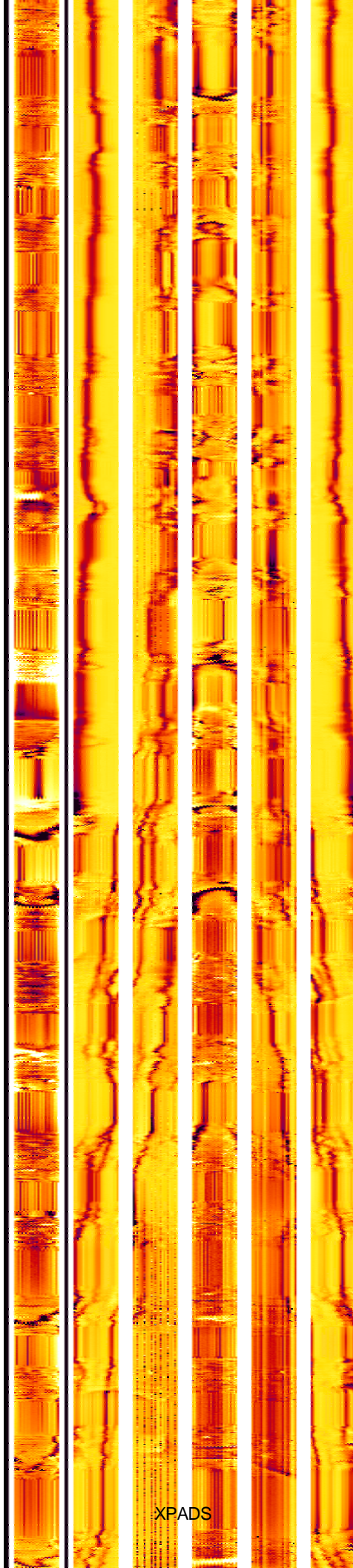
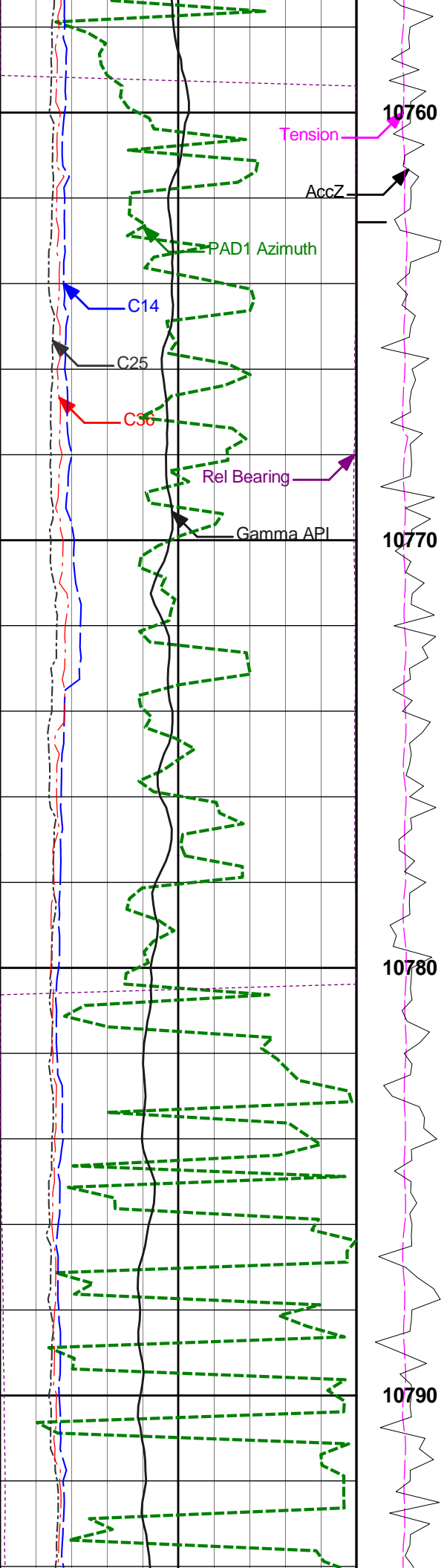


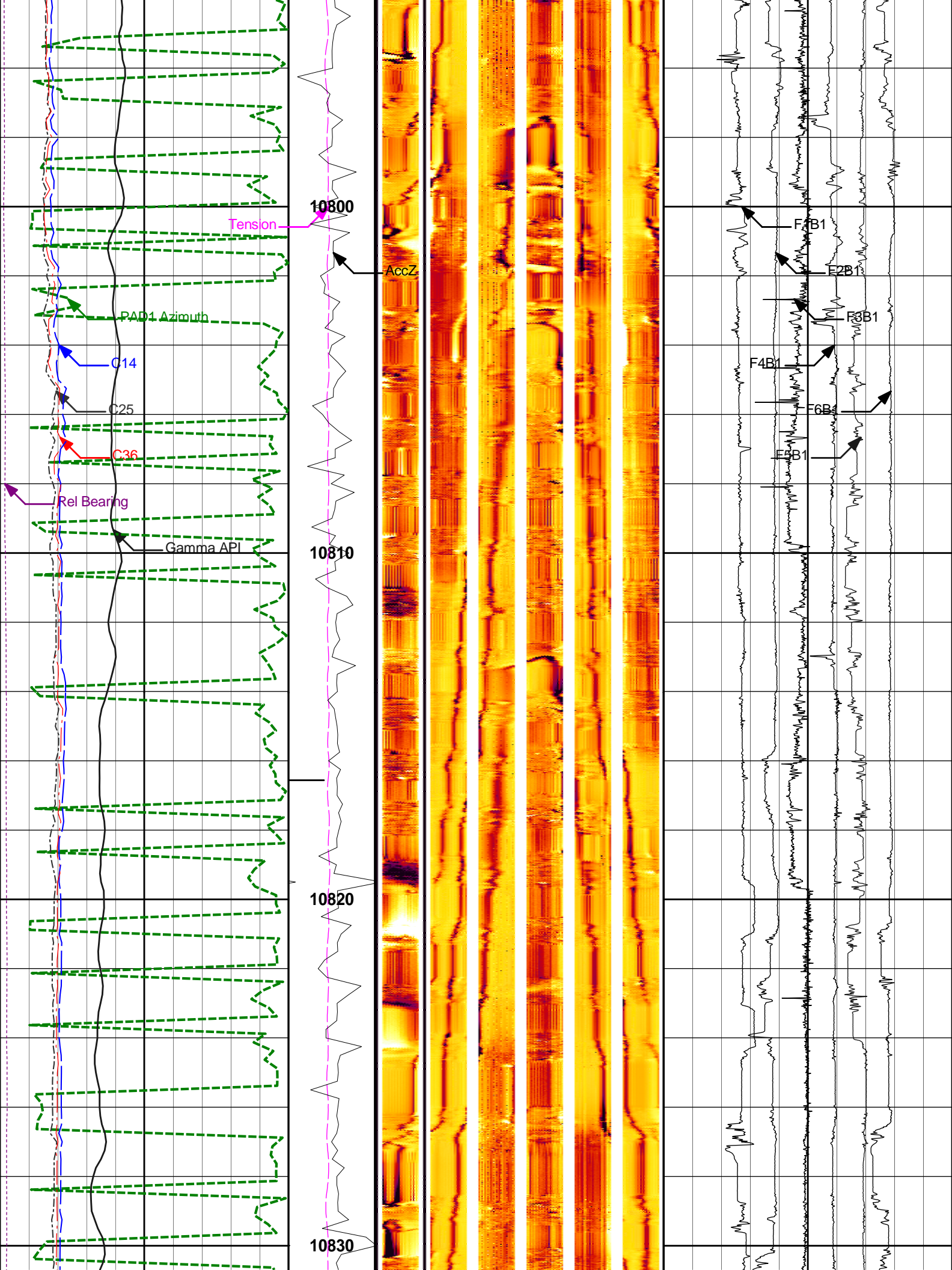
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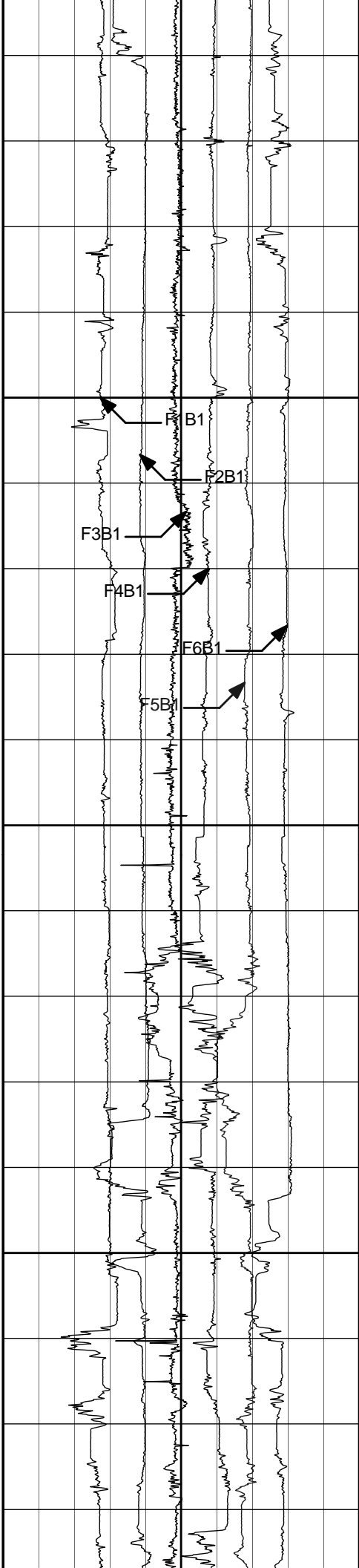
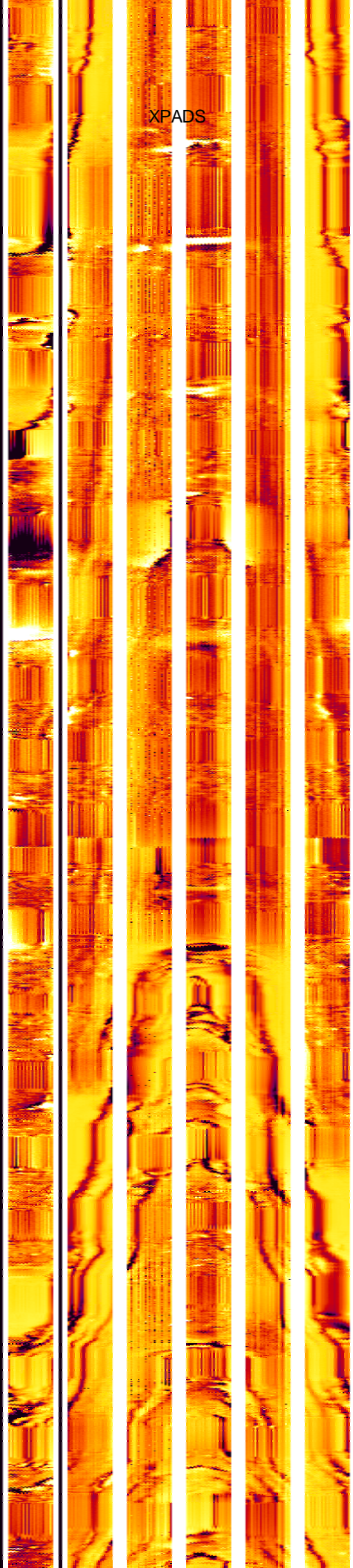
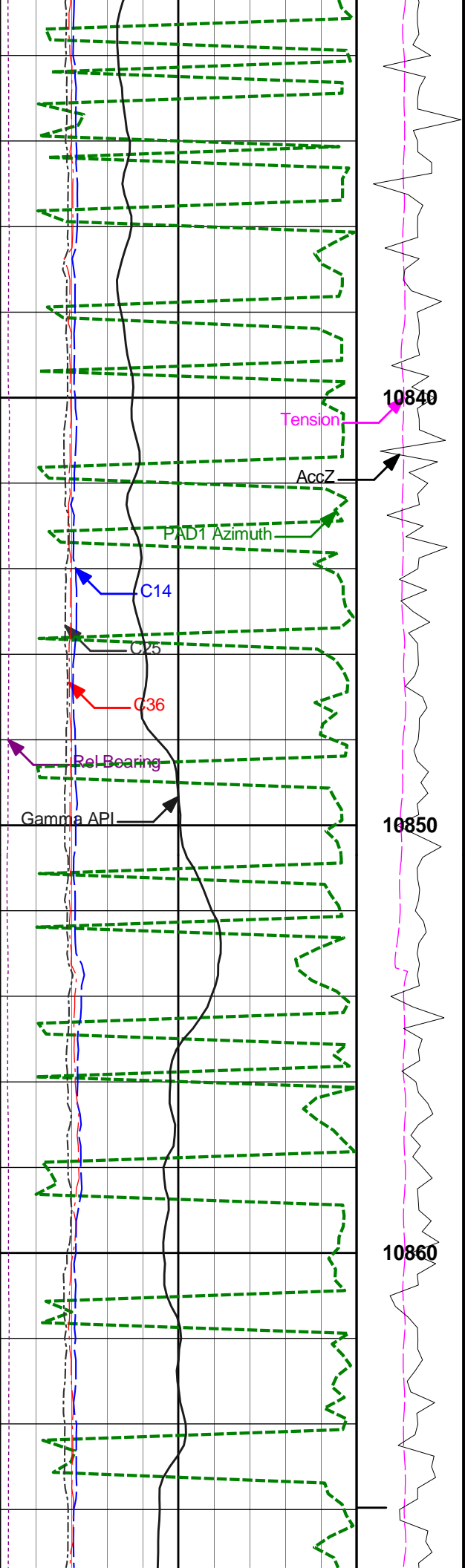


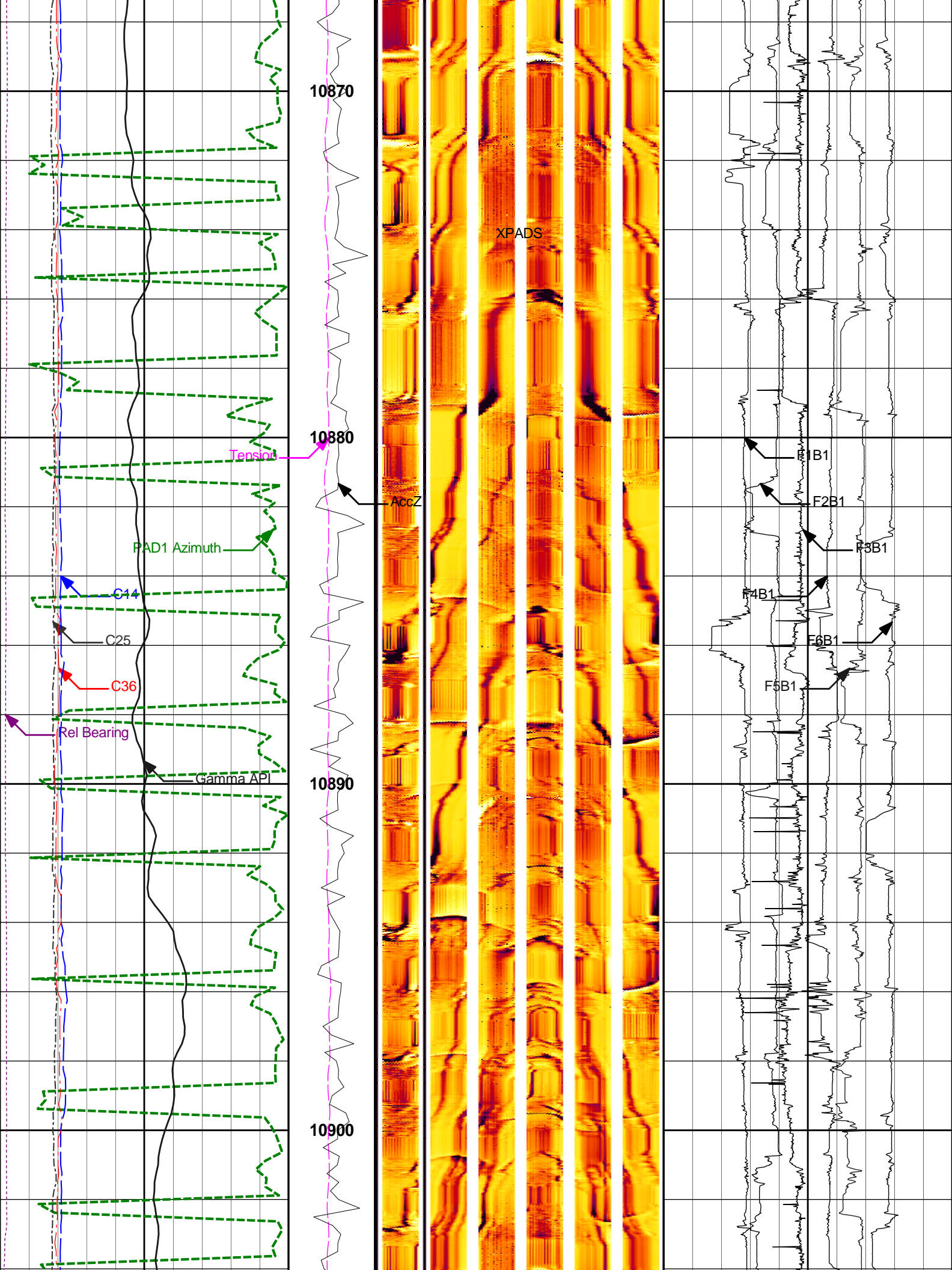


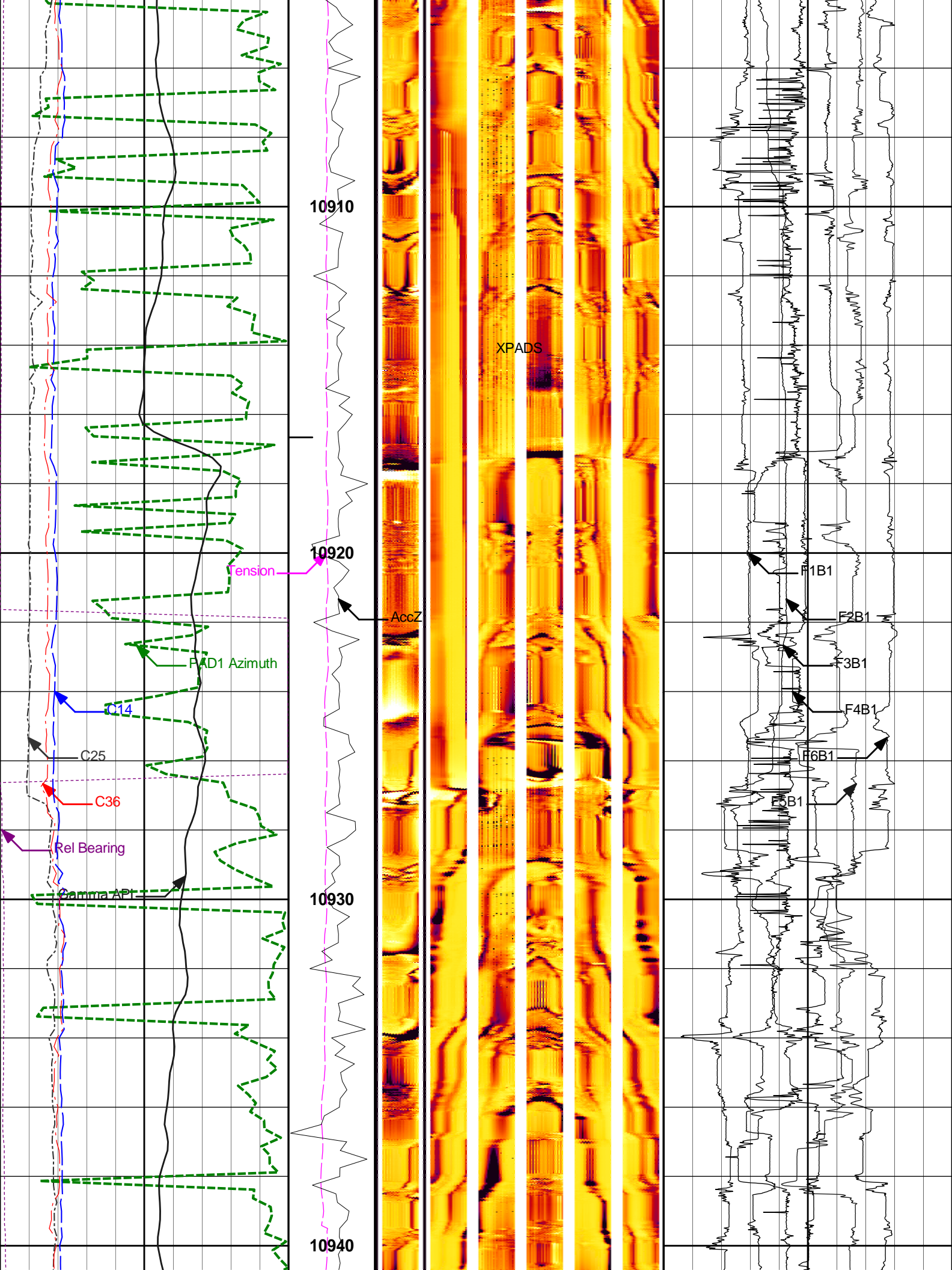
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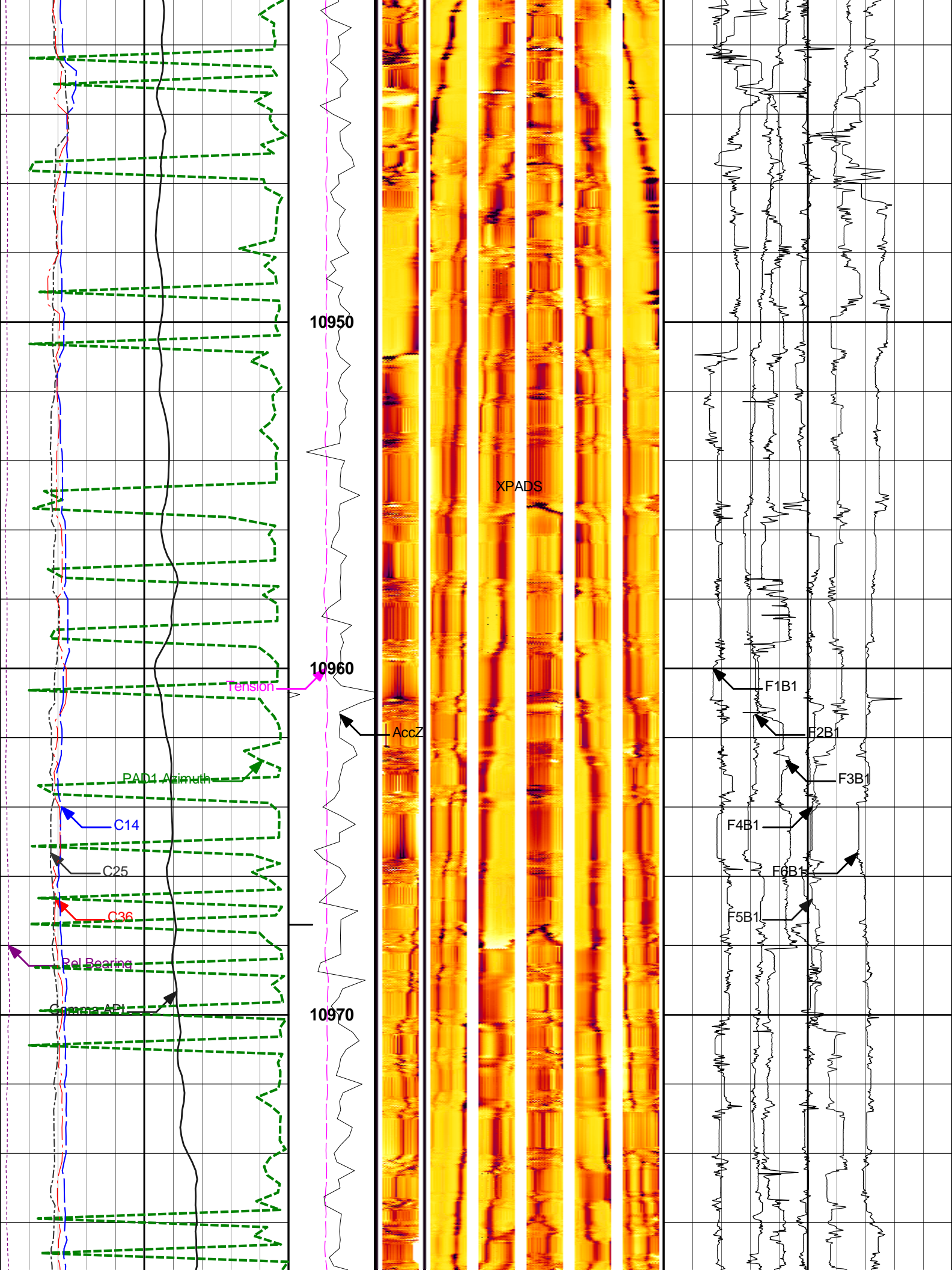


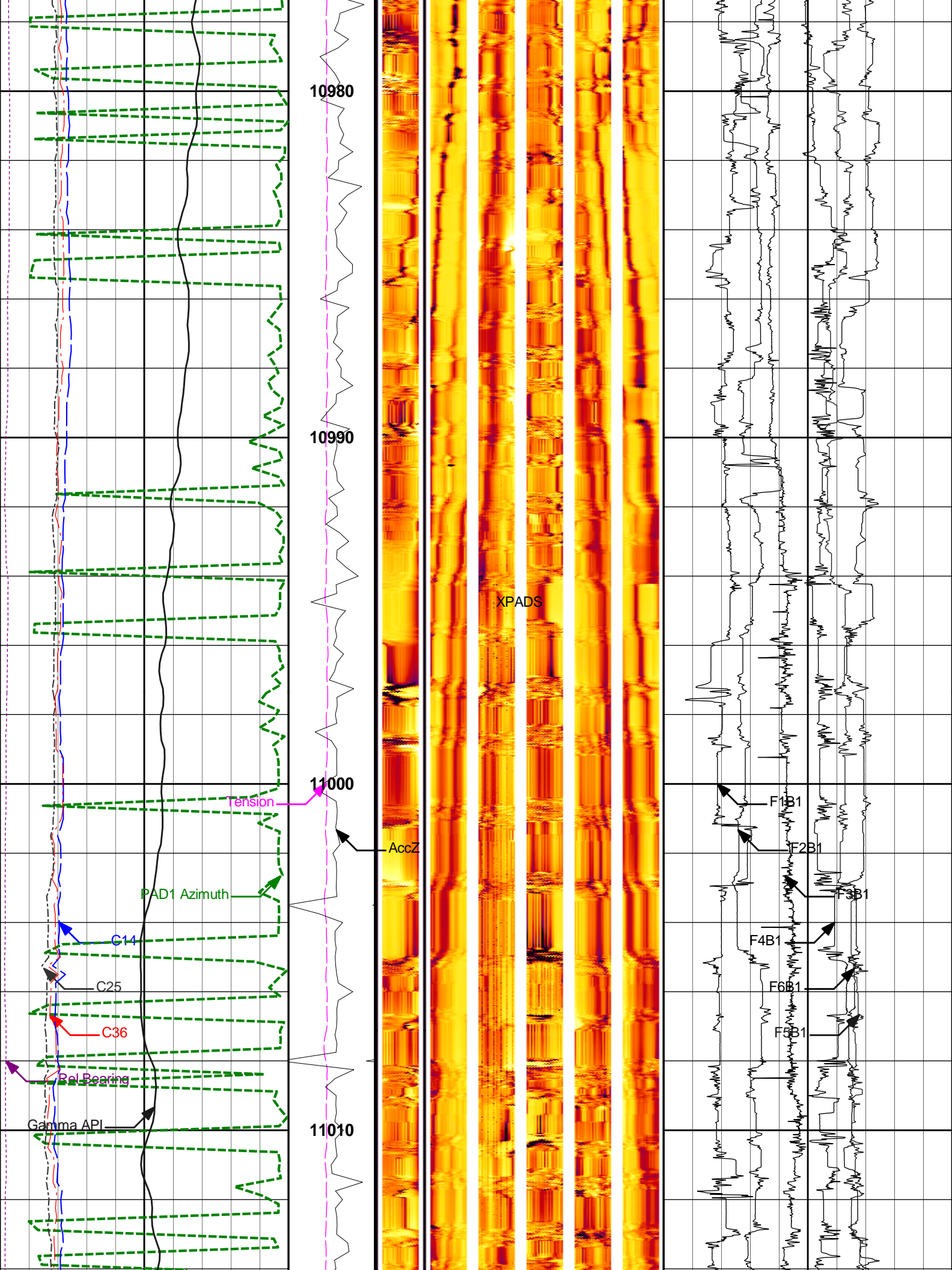


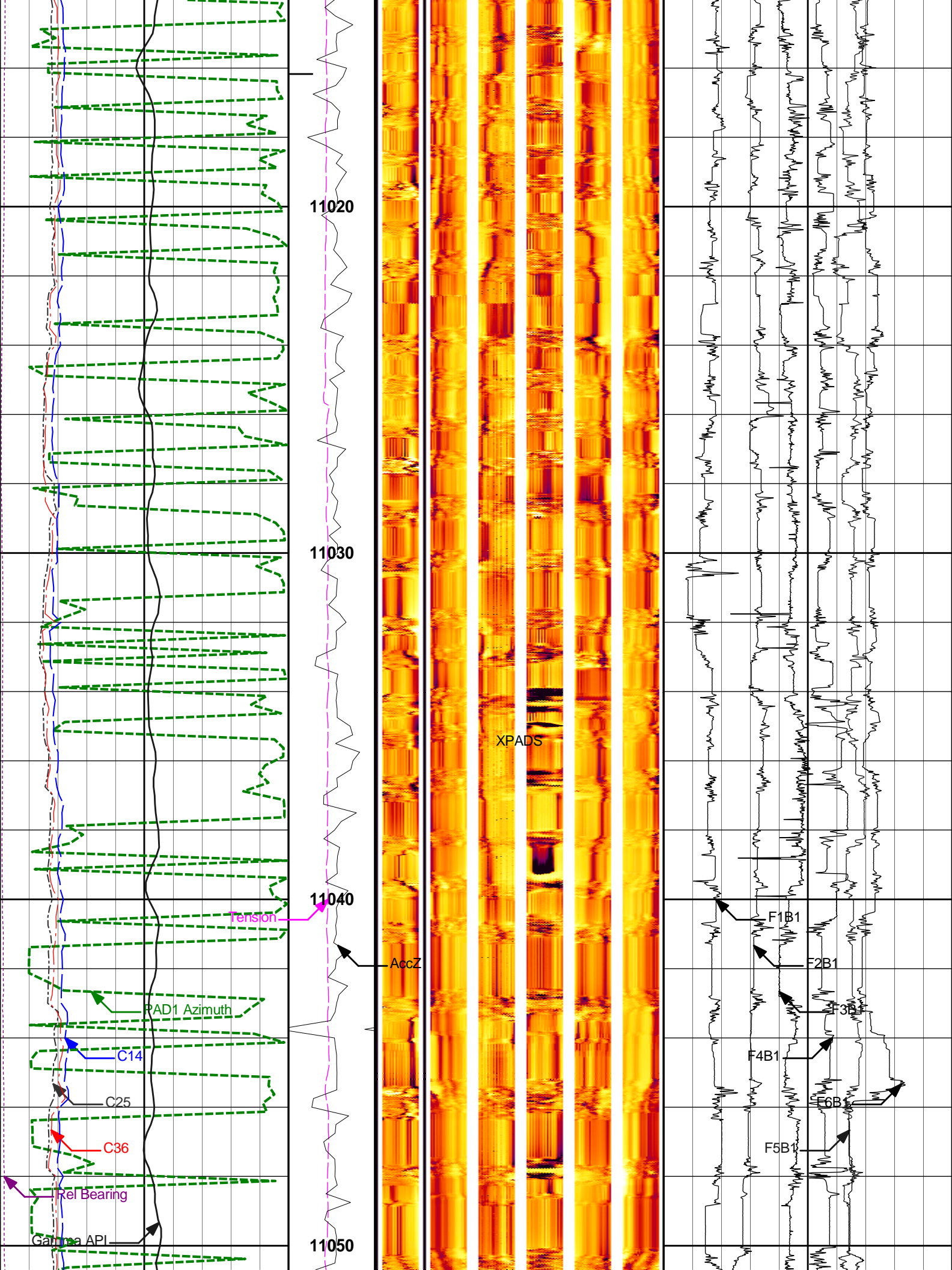


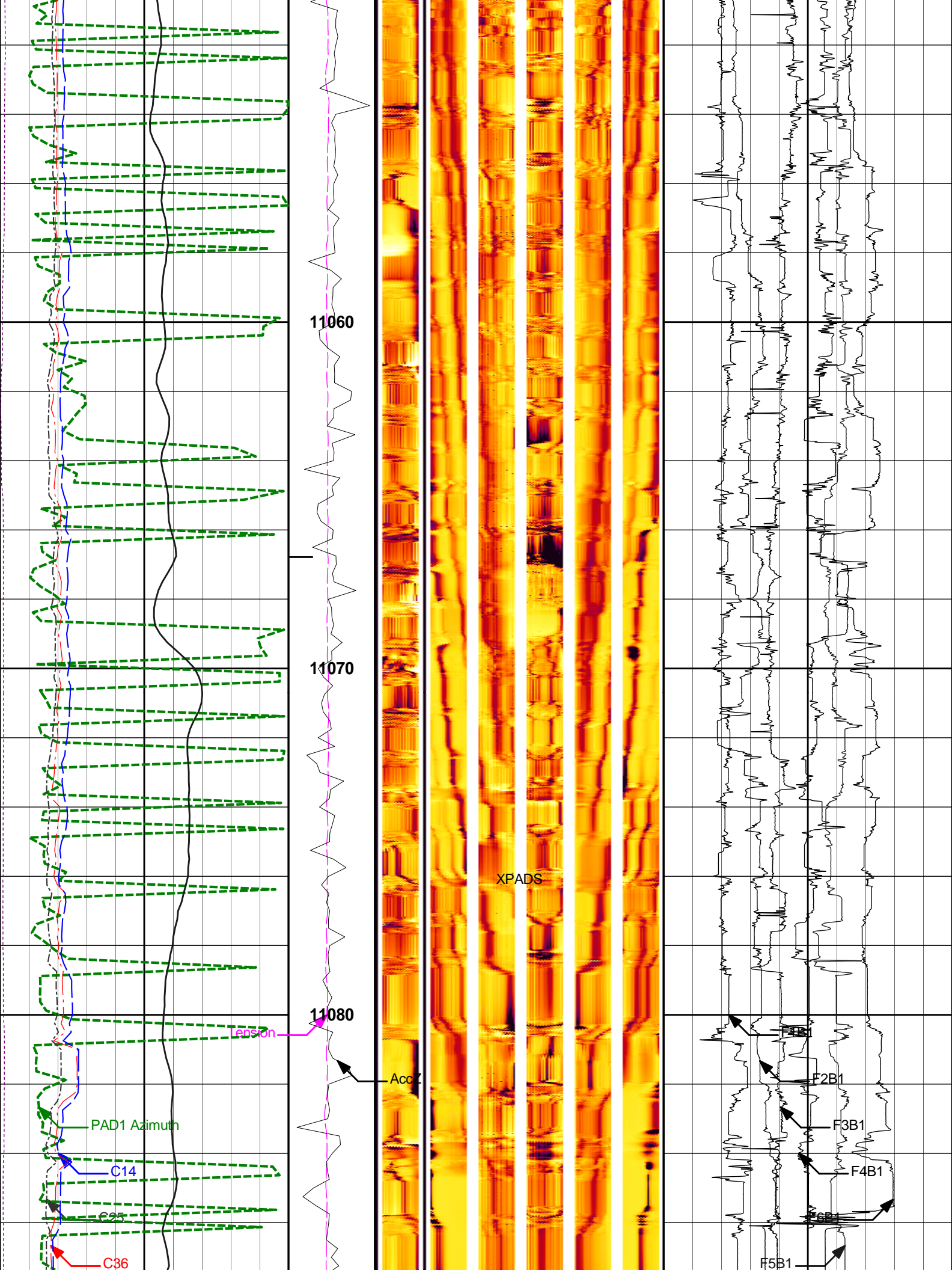


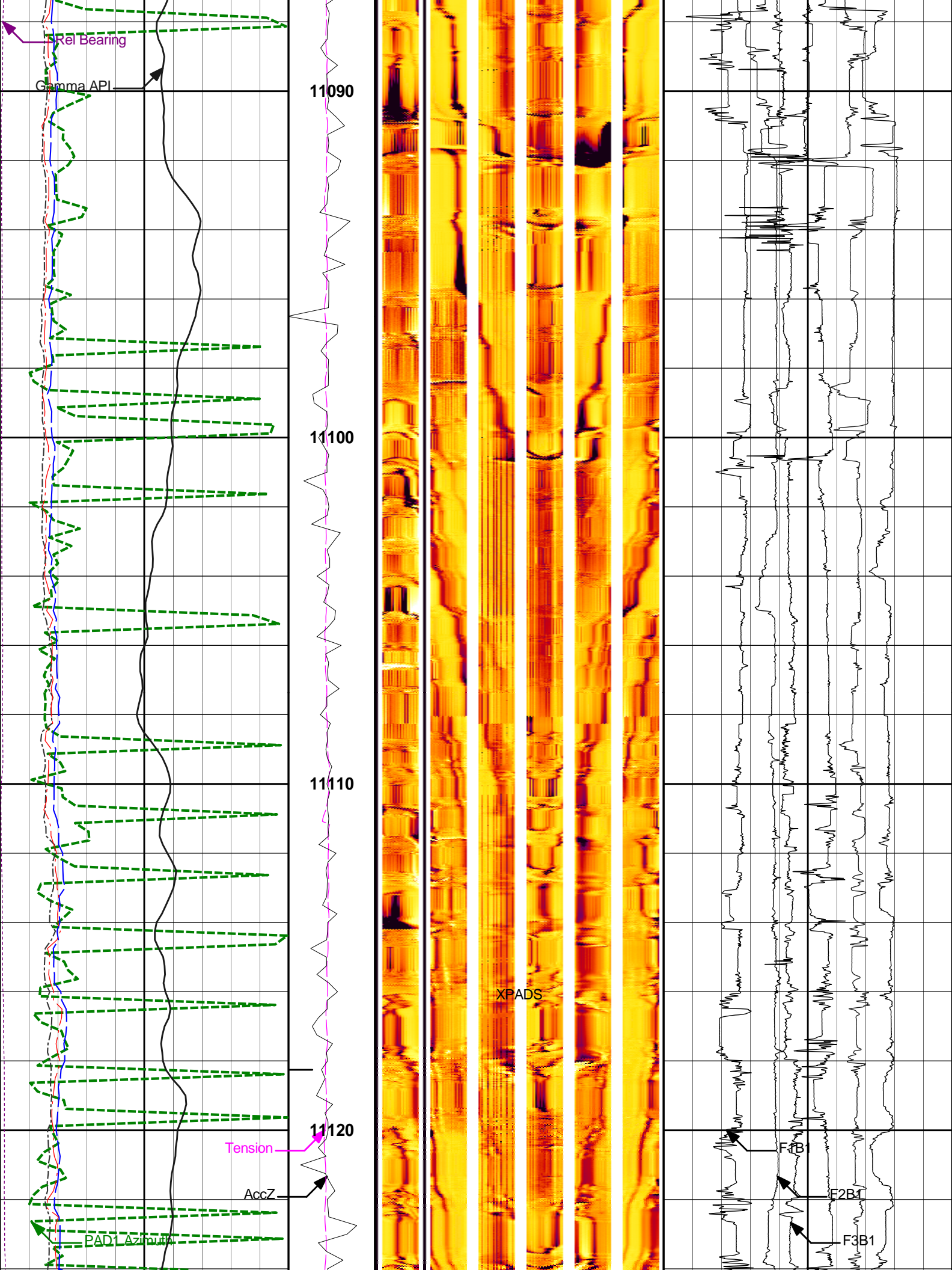


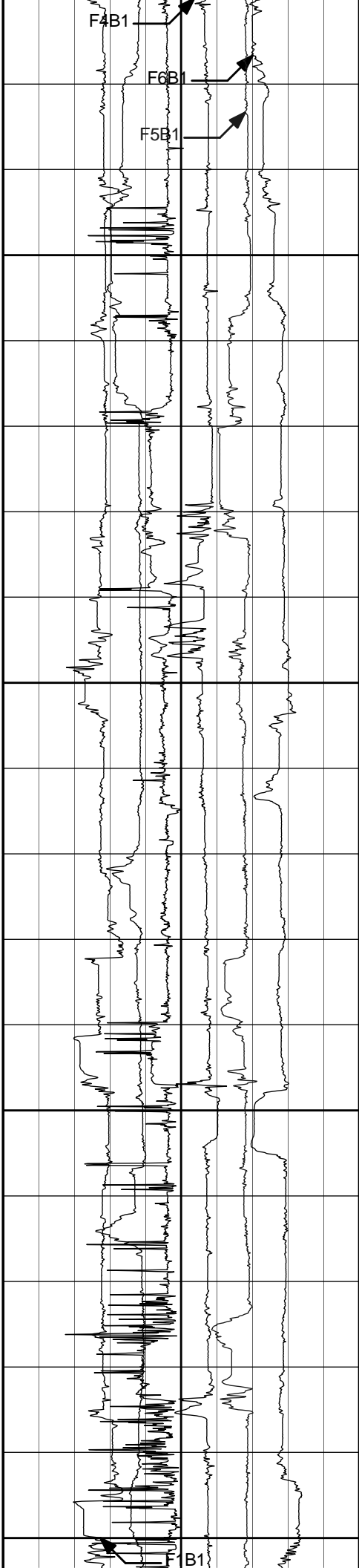
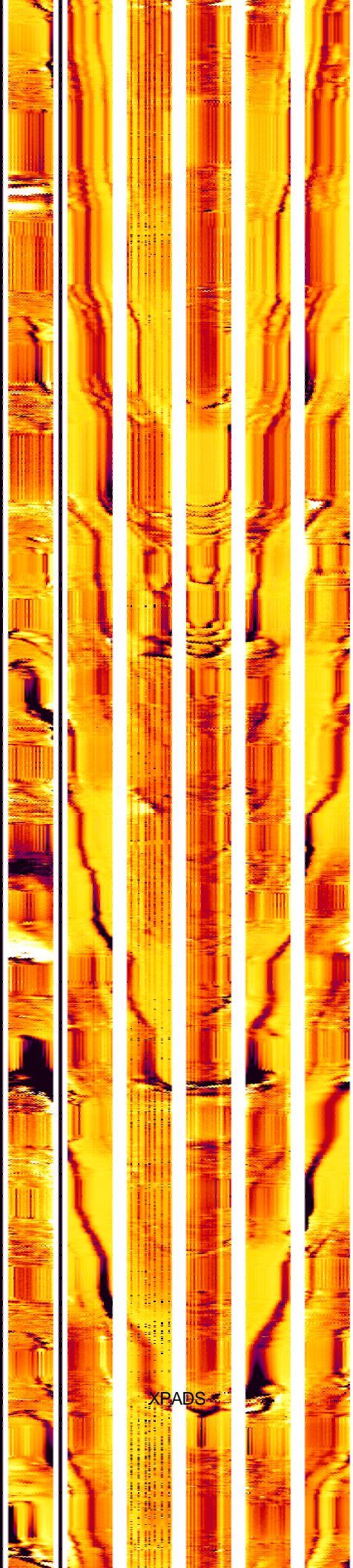
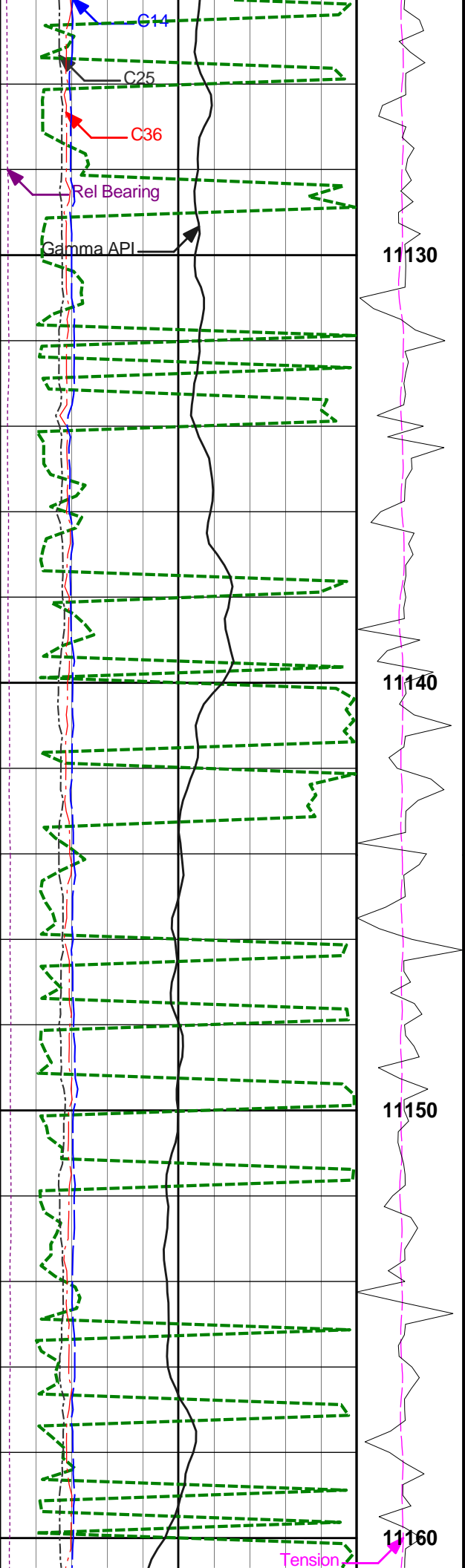




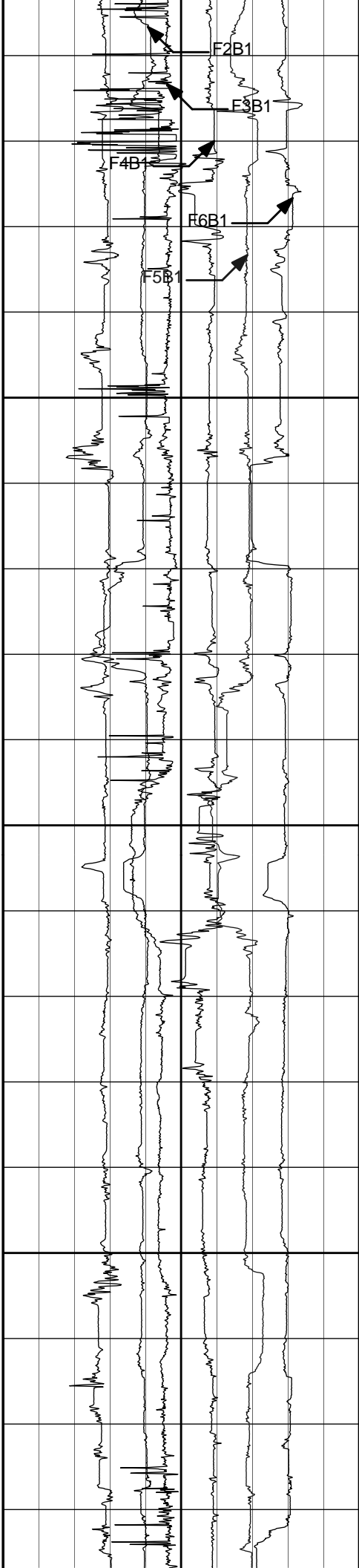
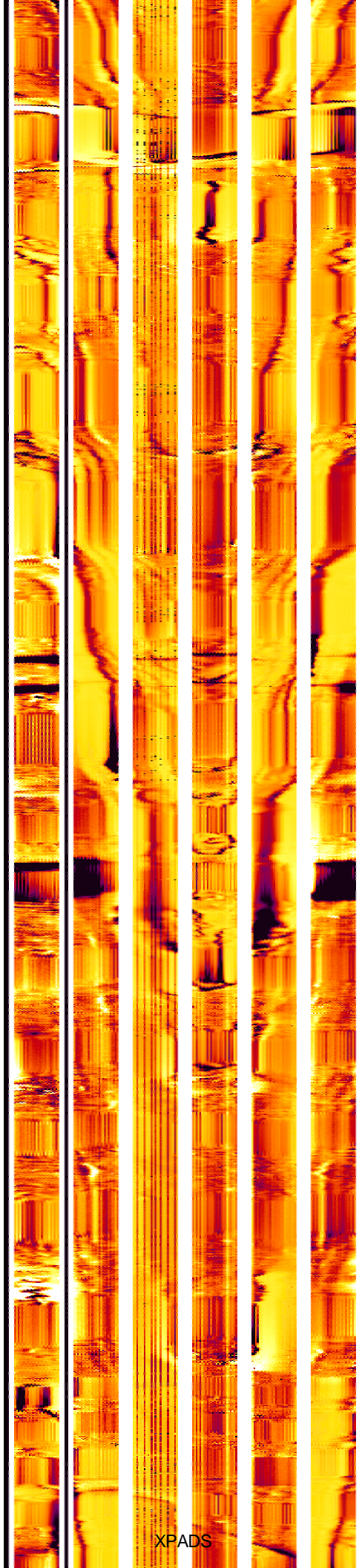
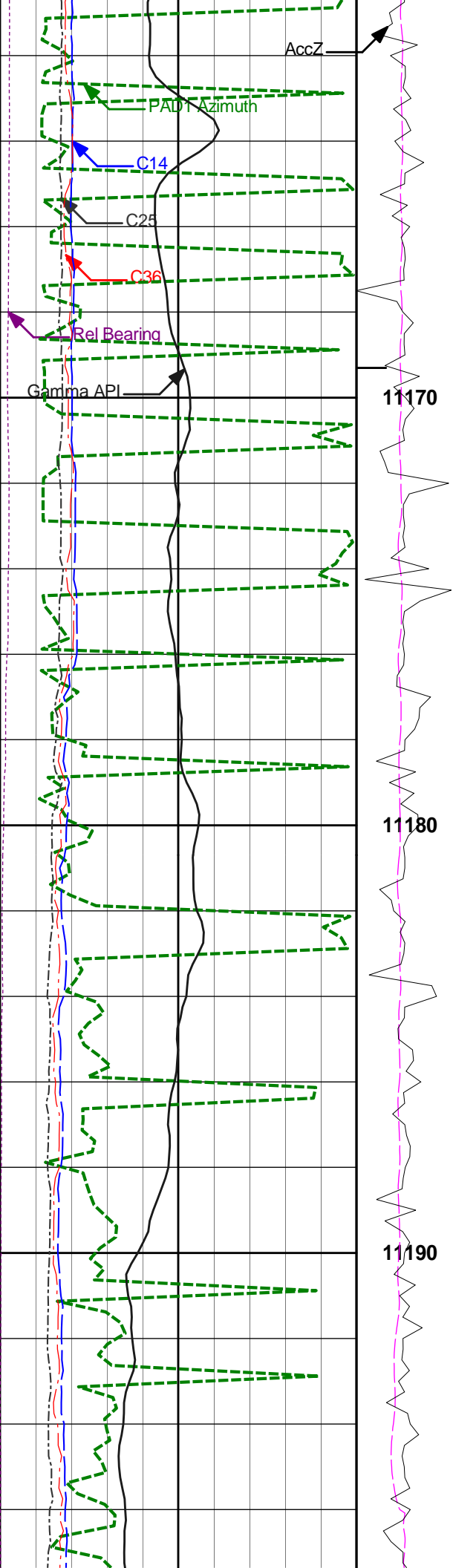


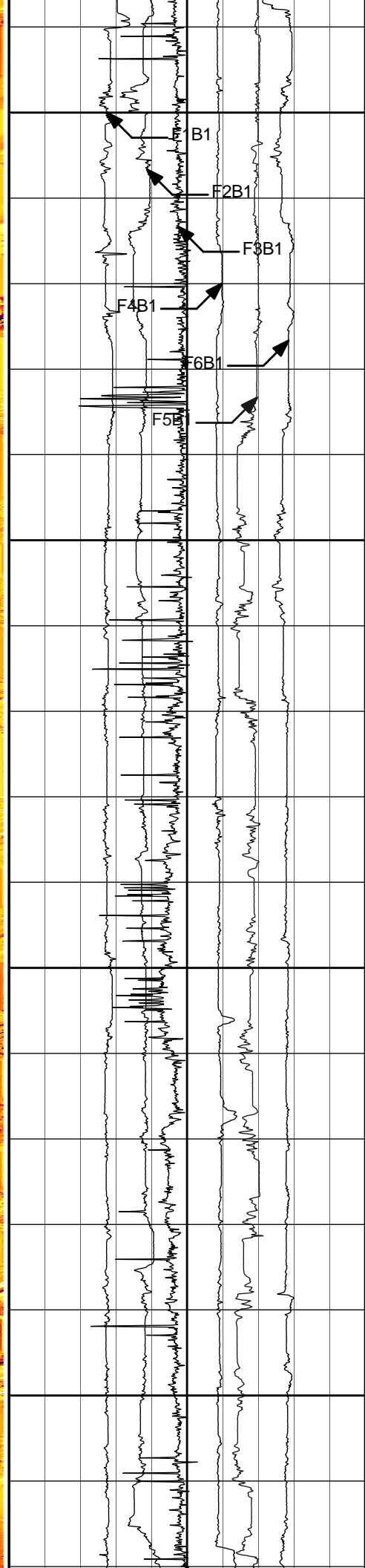
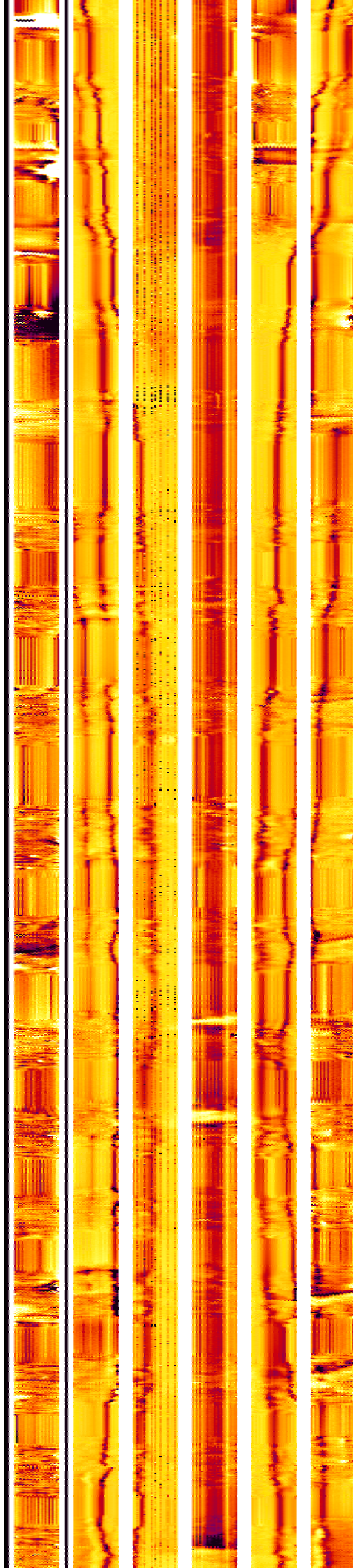
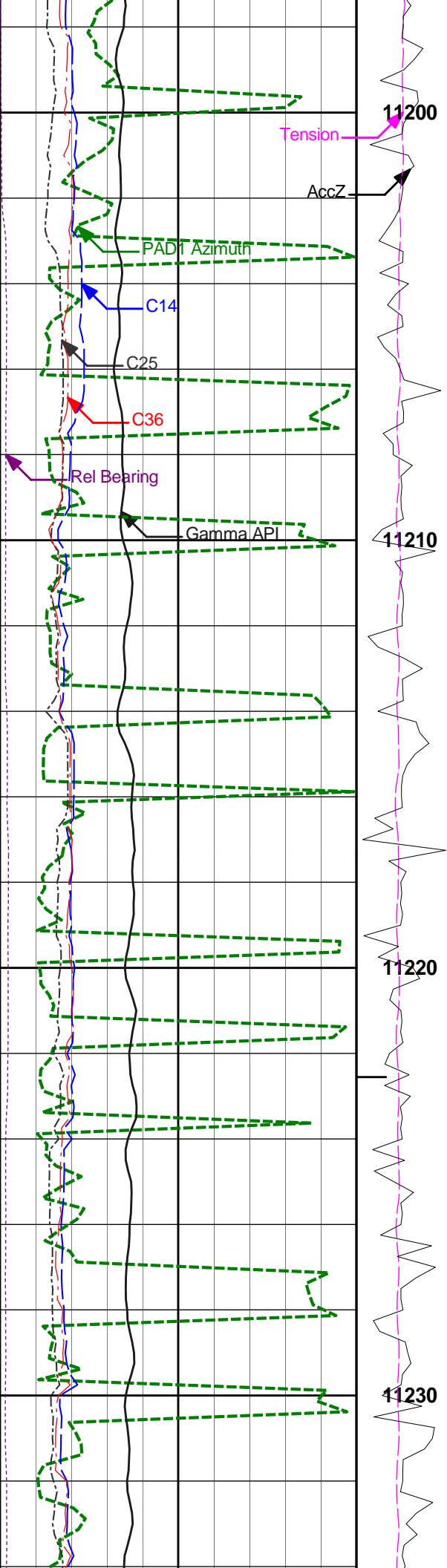


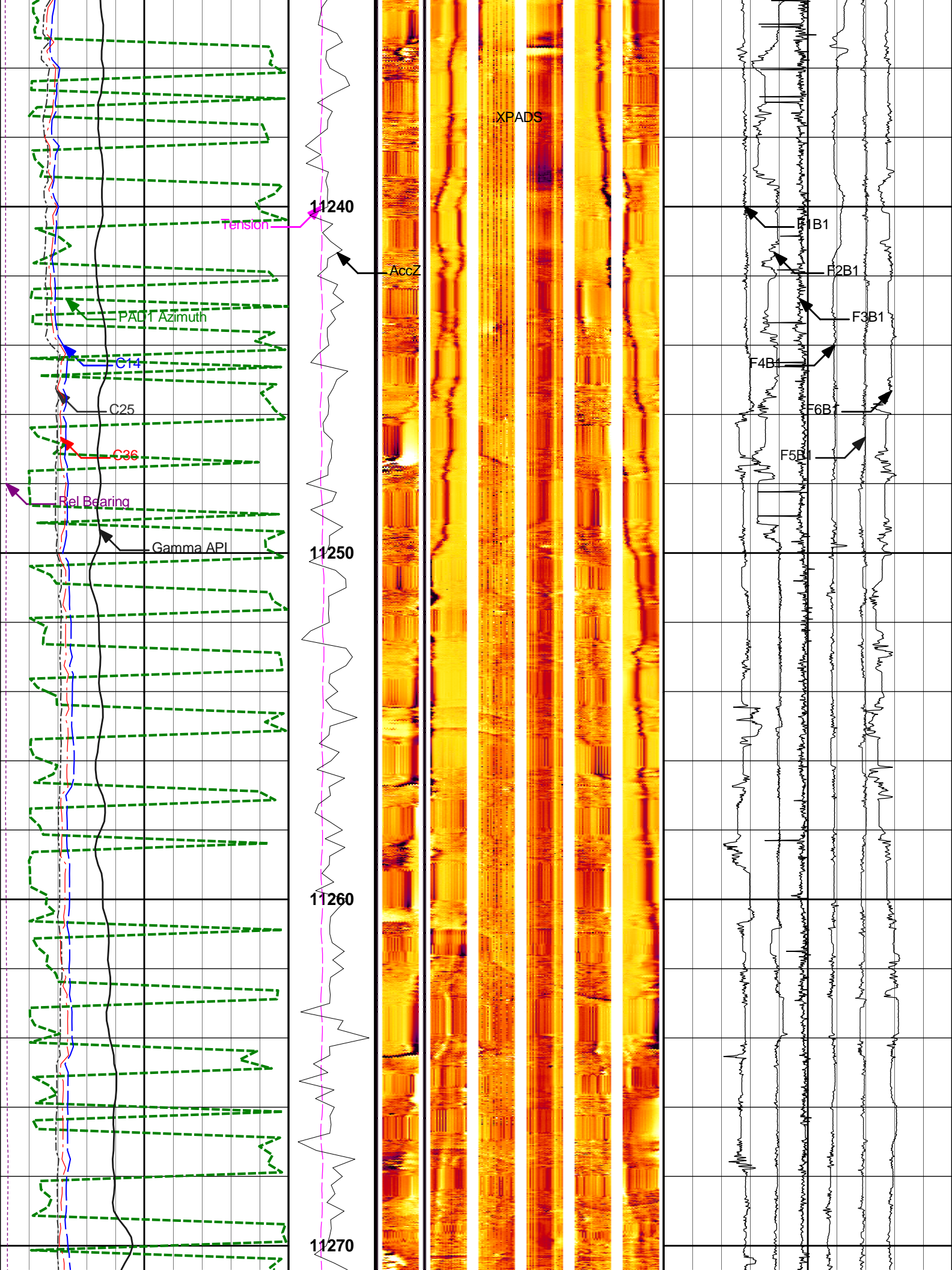


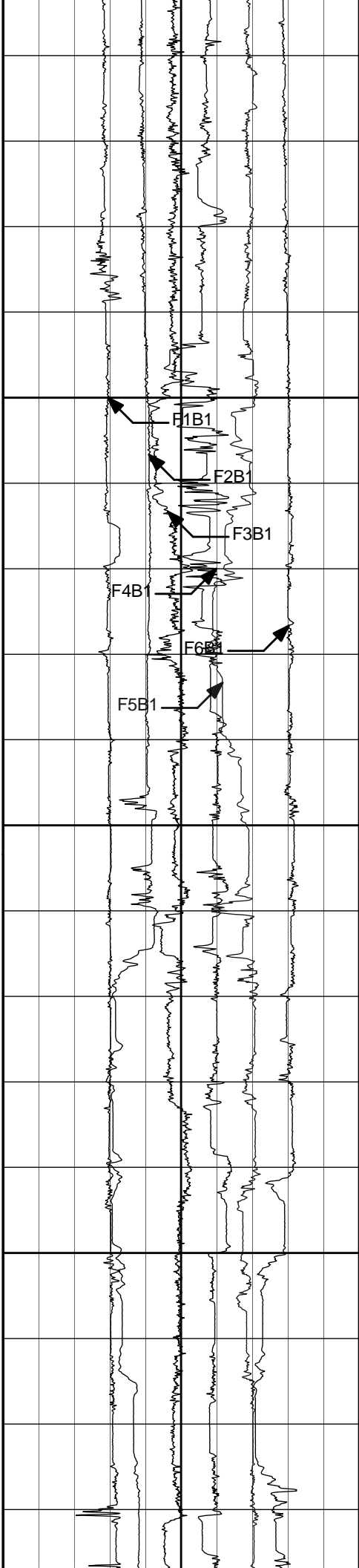
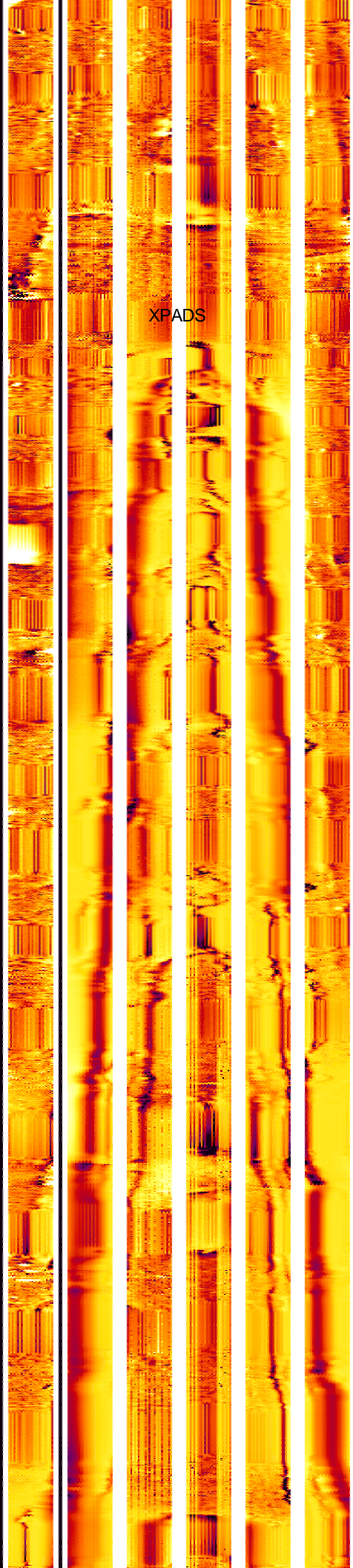
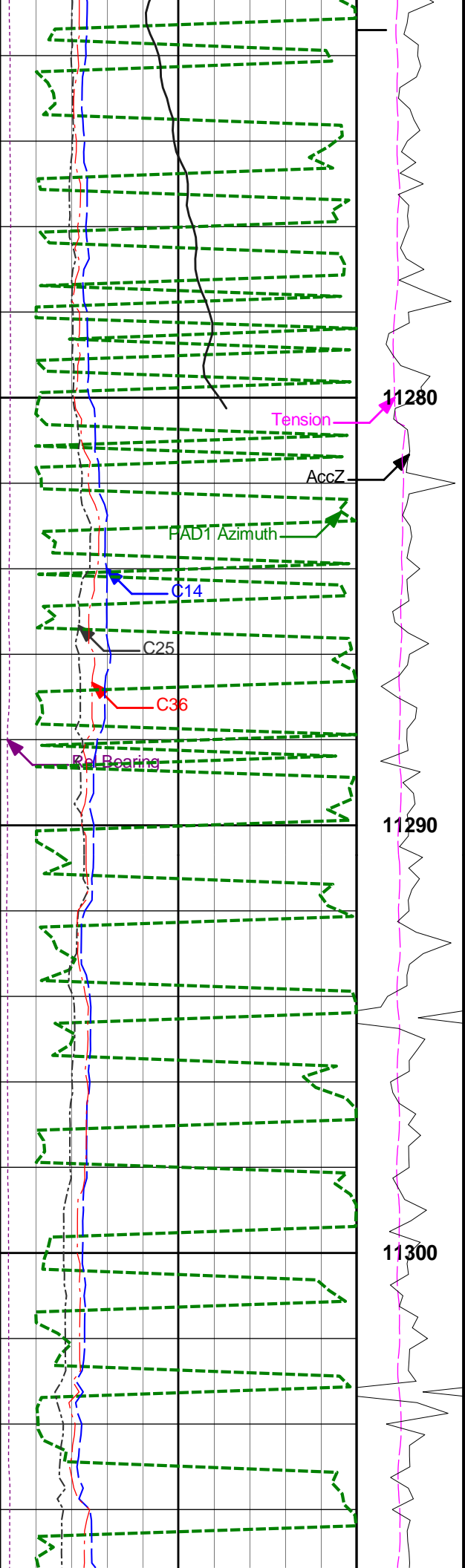


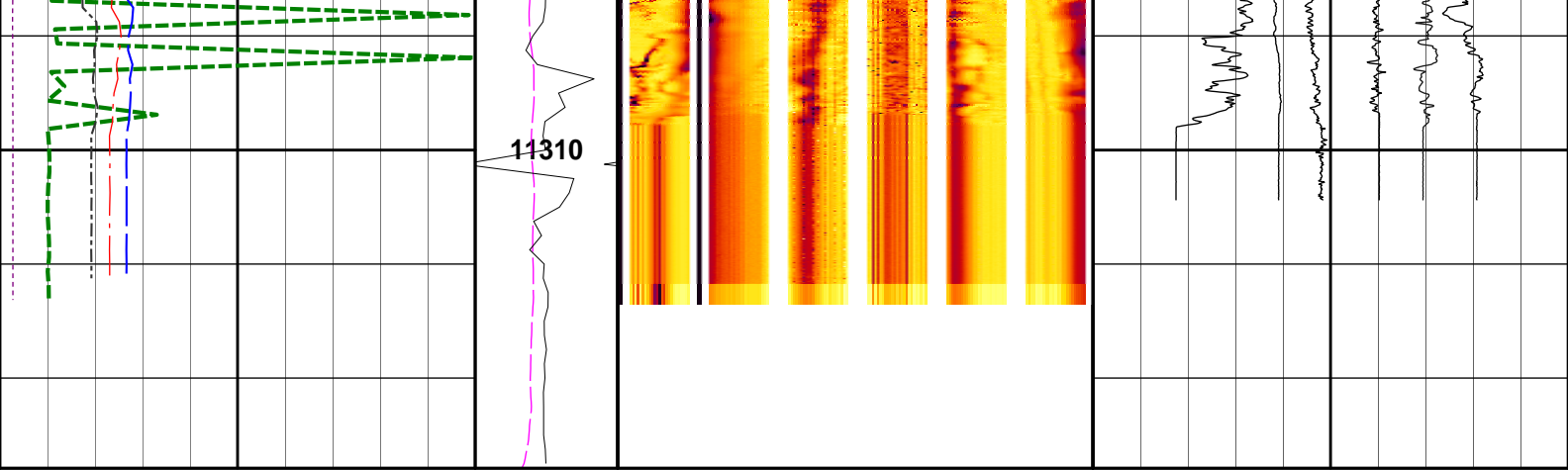
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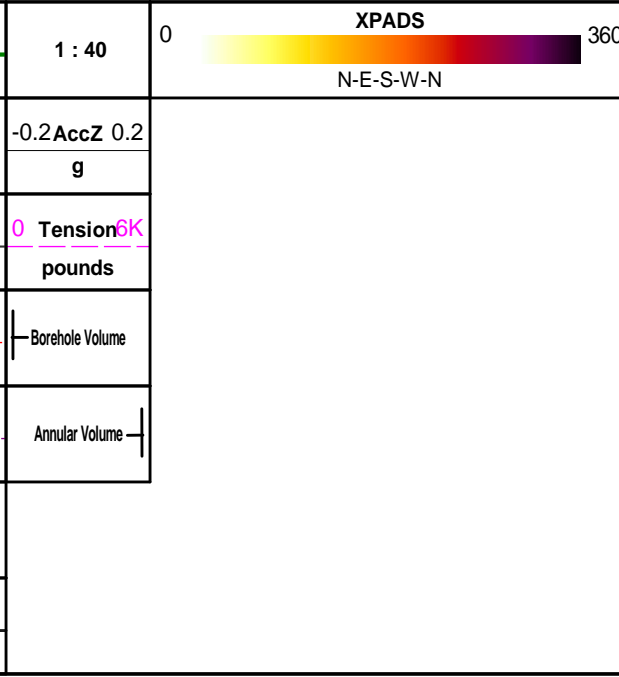








-40	PAD1 Azimuth	360
	degrees	
4	C14	14
	inches	
4	C25	14
	inches	
4	C36	14
	inches	
0	Rel Bearing	360
	degrees	
-1	Inclination	9
	degrees	
0	Gamma API	200
	api	



800	F1B1	-1.2K
	mmho per metre	
1K	F2B1	-1K
	mmho per metre	
1.2K	F3B1	-800
	mmho per metre	
1.4K	F4B1	-600
	mmho per metre	
1.6K	F5B1	-400
	mmho per metre	
1.8K	F6B1	-200
	mmho per metre	

HALLIBURTON Plot Time: 15-Apr-13 17:10:11
 Plot Range: 7490 ft to 11315.6 ft
 Data: SHURVIEW13N-3HZ\Well Based\MAIN
 Plot File: \\XRMI FIELD PLOT\XRMI 1_40

HALLIBURTON

CALIBRATION REPORT

NATURAL GAMMA RAY TOOL SHOP CALIBRATION			
Tool Name:	GTET - 11812883	Reference Calibration Date:	13-Mar-13 13:09:57
Engineer:	J. PINKETT	Calibration Date:	15-Mar-13 11:39:53
Software Version:	WL INSITE R3.8.4 (Build 5)	Calibration Version:	1

Calibrator Source S/N: TB-289
 Calibrator API Reference: 243.00 api
 Equivalent Calibrator API Reference: 247.3 api

Measurement	Measured	Calibrated	Units
Background	72.7	72.0	api

Background + Calibrator	322.1	319.3	api
Calibrator	249.5	247.3	api

NATURAL GAMMA RAY TOOL FIELD CALIBRATION

Tool Name: GTET - 11812883 **Reference Calibration Date:** 15-Mar-13 11:39:53
Engineer: J. PINKETT **Calibration Date:** 12-Apr-13 11:24:01
Software Version: WL INSITE R3.8.4 (Build 5) **Calibration Version:** 1

Calibrator Source S/N: TB-289
 Calibrator API Reference:243.00 api
 Equivalent Calibrator API Reference:247.3 api

Field Verification	Shop	Field	Units
Background	72.0	72.5	api
Background + Calibrator	319.3	321.3	api
Calibrator	247.3	248.8	api

Shop	Field	Difference	Tolerance
247.3	248.8	-1.5	+/- 9.00

ACCELEROMETER AND MAGNETOMETER SHOP CALIBRATION

Tool Name: XRMI-I Instrument - 10676484 **Reference Calibration Date:** 27-Jul-11 13:40:55
Engineer: R. TWEETEN **Calibration Date:** 01-Oct-12 11:29:58
Software Version: WL INSITE R3.6.0 (Build 3) **Calibration Version:** 1

Reference Gravity Field: 1.0000 g
 Reference Magnetic Field: 52801.0000 nT

* QF : value of 0 is shown for bad quality if | data - reference | > (2 * standard deviation) and > (0.5% of reference value)

ACCELEROMETER CALIBRATION RAW DATA VALUE

Raw Acc X	Raw Acc Y	Raw Acc Z	Gravity	Quality %	QF
7780.7500	-17609.5000	23.7500	0.9995	99.9458	1
-19092.2500	-267.7500	29.7500	0.9994	99.9444	1
-4082.0000	18844.2500	35.0000	1.0006	99.9410	1
17967.2500	6598.2500	32.2500	1.0012	99.8816	1
135.0000	19261.0000	0.0000	0.9992	99.9164	1
3506.7500	15129.2500	5682.5000	1.0000	99.9975	1
-925.5000	19254.5000	-12.2500	1.0000	99.9969	1
19080.0000	302.7500	-11.7500	0.9991	99.9132	1
-505.0000	-19299.7500	-21.0000	1.0006	99.9392	1
-19113.0000	-14.2500	-2.7500	1.0004	99.9565	1
3481.2500	15122.2500	5690.2500	1.0000	99.9974	1
-665.2500	18211.2500	-3130.5000	1.0000	99.9995	1

ACCELEROMETER QUALITY SUMMARY

Average Calculated Gravity Field	1.0000 g
Standard Deviation Calculated Gravity Field	0.0006 g

ACCELEROMETER GAIN AND OFFSET

	GAIN	OFFSET
ACC X	0.0000523508	0.0001466502
ACC Y	0.0000518506	0.0004435258
ACC Z	0.0001041510	-0.0000453225

* QF : value of 0 is shown for bad quality if | data - reference | > (3 * standard deviation) and > (1% of reference value)

MAGNETOMETER CALIBRATION RAW DATA VALUE

Raw Mag X	Raw Mag Y	Raw Mag Z	Magnetic	Quality %	QF
-563.2500	10239.0000	-1011.2500	53894.7891	97.9285	1
9045.7500	-3536.5000	-986.0000	53130.1836	99.3766	1
-2013.2500	-9679.5000	-971.0000	52652.1367	99.7181	1
-10281.5000	680.7500	-977.2500	53809.4570	98.0901	1
-1326.7500	-8703.0000	5338.2500	51447.5547	97.4367	1
-1152.7500	-9820.5000	2429.5000	53639.7930	98.4114	1
1342.5000	-9125.5000	-3560.0000	51083.9219	96.7480	1
-9554.5000	-1150.7500	-3577.0000	51783.6250	98.0732	1
-1251.7500	9488.7500	-3610.7500	51736.3984	97.9837	1
8995.2500	1327.7500	-3586.2500	51256.0117	97.0739	1
-1145.2500	-9821.7500	2430.7500	53643.4883	98.4044	1
6586.5000	-5989.7500	-6880.7500	54738.2852	96.3310	1

MAGNETOMETER QUALITY SUMMARY	
Average Calculated Magnetic Field	52734.6367 nT
Standard Deviation Calculated Magnetic Field	1235.5734 nT

MAGNETOMETER GAIN AND OFFSET		
	GAIN	OFFSET
MAG X	5.3347239494	1209.0738525391
MAG Y	5.2958631516	-442.8776245117
MAG Z	3.8020670414	848.5727539063

Noise Level Value: 1.961833 cnts
Noise Level Cal Value: 0.0002 g

DIPMETER SHOP CALIBRATION			
Tool Name:	XRMI-I Mandrel - 11355246	Reference Calibration Date:	18-Feb-13 12:30:27
Engineer:	J. PINKETT	Calibration Date:	12-Apr-13 12:28:53
Software Version:	WL INSITE R3.8.4 (Build 5)	Calibration Version:	1

Tool Temperature: 65.40 degF

PAD RESISTIVITIES							
Measurement	Measured	Calibrated	Measured	Calibrated	Measured	Calibrated	Units
Pads #1-3:	0.448	0.450	0.449	0.450	0.446	0.450	ohmm
Pads #4-6:	0.449	0.450	0.448	0.450	0.447	0.450	ohmm
Cal0 #1-3:	0.002	-----	0.002	-----	0.002	-----	ohmm
Cal0 #4-6:	0.002	-----	0.002	-----	0.002	-----	ohmm

RELATIVE PAD VOLTS		
Measurement	Measured	Calibrated
Air:	1.000	0.000
Zero:	0.500	0.000
Calibrate:	0.250	0.000

DIPMETER FIELD CALIBRATION			
Tool Name:	XRMI-I Mandrel - 11355246	Reference Calibration Date:	12-Apr-13 12:28:53
Engineer:	J. PINKETT	Calibration Date:	12-Apr-13 12:34:53
Software Version:	WL INSITE R3.8.4 (Build 5)	Calibration Version:	1

PAD RESISTIVITIES			
Measurement	Shop	Field	Units
Reflvl Pad 1:	20.130	20.303	ohmm

Reflvl Pad 2:	20.698	20.855	ohmm
Reflvl Pad 3:	20.256	20.796	ohmm
Reflvl Pad 4:	20.299	20.431	ohmm
Reflvl Pad 5:	20.235	20.398	ohmm
Reflvl Pad 6:	20.198	20.337	ohmm

SIX ARM CALIPER SHOP CALIBRATION

Tool Name: XRMI-I Mandrel - 11355246

Reference Calibration Date: 12-Apr-13 11:02:49

Engineer: J. PINKETT

Calibration Date: 12-Apr-13 11:14:40

Software Version: WL INSITE R3.8.4 (Build 5)

Calibration Version: 3

CALIPERS AND RINGS				
Caliper	Large 15.00 in	Small 7.000 in	Units	
CALIPER 1-4:				
Measured	15.001	6.999	in	
Calibrated	15.000	7.000	in	
CALIPER 2-5:				
Measured	15.012	7.017	in	
Calibrated	15.000	7.000	in	
CALIPER 3-6:				
Measured	15.024	6.990	in	
Calibrated	15.000	7.000	in	

TOLERANCE CHECK				
Measurment	Difference	Tolerance	Pass/Fail	Units
Caliper 1-4 Large	0.000	0.250	Passed	in
Caliper 1-4 Small	0.000	0.250	Passed	in
Caliper 2-5 Large	-0.010	0.250	Passed	in
Caliper 2-5 Small	-0.020	0.250	Passed	in
Caliper 3-6 Large	-0.020	0.250	Passed	in
Caliper 3-6 Small	0.010	0.250	Passed	in

PRESSURE PAD		
	Measured	Calibrated
Closed	-0.000	0.000
Opened	1.000	1.000

SIX ARM CALIPER FIELD CALIBRATION

Tool Name: XRMI-I Mandrel - 11355246

Reference Calibration Date: 12-Apr-13 11:14:40

Engineer: J. PINKETT

Calibration Date: 12-Apr-13 11:15:00

Software Version: WL INSITE R3.8.4 (Build 5)

Calibration Version: 2

CALIPERS AND RINGS					
Caliper	Shop	Field	Difference	Tolerance	Units
Caliper 1-4	7.000	7.000	0.000	0.250	in
Caliper 2-5	7.000	7.001	-0.001	0.250	in
Caliper 3-6	7.000	7.000	0.000	0.250	in

PASS/FAIL SUMMARY	
Ring Check:	Passed

CALIBRATION SUMMARY

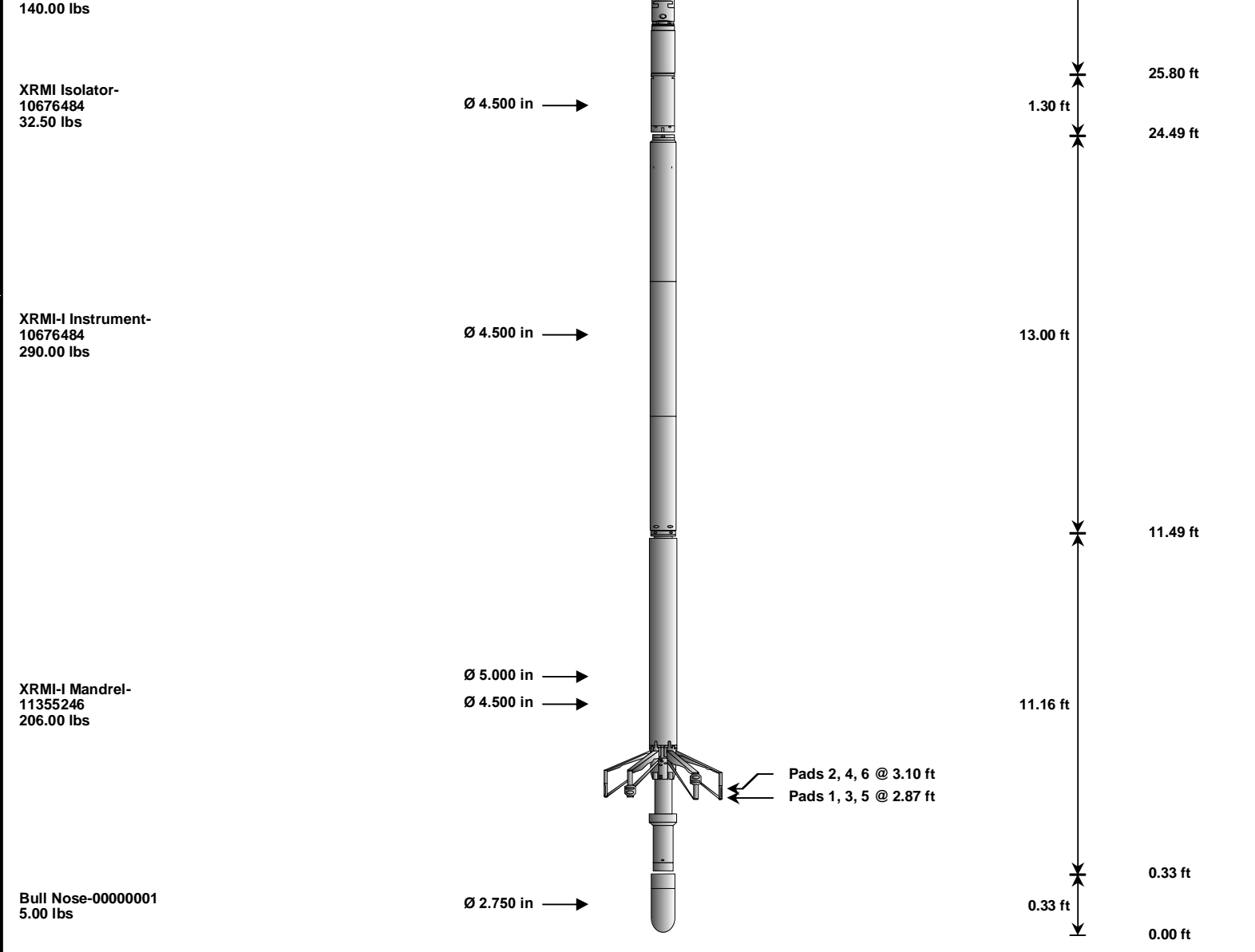
Sensor	Shop	Field	Post	Difference	Tolerance	Units
GTET-11812883						
Gamma Ray Calibrator	247.3	248.8	-----	-1.5	+/- 9.00	api
XRMI-I Mandrel-11355246						
Reflvl Pad 1	20.130	20.303	-----	-0.173	N/A	ohmm
Reflvl Pad 2	20.698	20.855	-----	-0.157	N/A	ohmm
Reflvl Pad 3	20.256	20.796	-----	-0.540	N/A	ohmm
Reflvl Pad 4	20.299	20.431	-----	-0.132	N/A	ohmm
Reflvl Pad 5	20.235	20.398	-----	-0.163	N/A	ohmm
Reflvl Pad 6	20.198	20.337	-----	-0.139	N/A	ohmm
CAL 1-4	7.000	7.000	-----	0.000	+/- 0.250	in
CAL 2-5	7.000	7.001	-----	-0.001	+/- 0.250	in
CAL 3-6	7.000	7.000	-----	0.000	+/- 0.250	in

Data: SHURVIEW13N-3HZ\0001 TPL-XRMI\002 15-Apr-13 12:36 Up 11315.8f Date: 15-Apr-13 15:54:00

HALLIBURTON

TOOL STRING DIAGRAM REPORT

Description	Overbody Description	O.D.	Diagram	Sensors @ Delays	Length	Accumulated Length
Spacer-00000448 100.00 lbs		Ø 4.500 in →			4.50 ft	58.54 ft
Flex Joint - Pressure Comp-10271067 140.00 lbs		Ø 3.625 in →			5.97 ft	54.04 ft
DTDD-11997802 90.00 lbs		Ø 3.625 in →		← Load Cell @ 46.98 ft ← Pad Locator @ 45.39 ft	3.66 ft	48.07 ft
HDDS-A-12002134 125.00 lbs		Ø 4.060 in →			4.13 ft	44.41 ft
GTET-11812883 165.00 lbs		Ø 3.625 in →		← GammaRay @ 34.22 ft	8.52 ft	40.29 ft
Flex Joint - Pressure Comp-10847053		Ø 3.625 in →			5.97 ft	31.77 ft



Mnemonic	Tool Name	Serial Number	Weight (lbs)	Length (ft)	Accumulated Length (ft)	Max.Log. Speed (fpm)
SPC	Test	00000448	100.00	4.50	54.04	100.00
FLEX	Flex Joint - Pressure Compensated	10271067	140.00	5.97	48.07	300.00
DTDD	Downhole Tension Device	11997802	90.00	3.66	44.41	300.00
HDDS-A	Heavy Duty DITS Swivel tool.	12002134	125.00	4.13	40.29	300.00
GTET	Gamma Telemetry Tool	11812883	165.00	8.52	31.77	60.00
FLEX	Flex Joint - Pressure Compensated	10847053	140.00	5.97	25.80	300.00
	Isolator for the XRMI tool	10676484	32.50	1.30	24.49	300.00
XRMI	XRMI Navigation - Insite	10676484	290.00	13.00	11.49	30.00
XRMI-I	XRMI Imager - Insite	11355246	206.00	11.16	0.33	30.00
BLNS	Bull Nose	00000001	5.00	0.33	0.00	300.00
Total			1,293.50	58.54		
Data: SHURVIEW13N-3HZ0001 TPL-XRMI002 15-Apr-13 12:36 Up 11315.8f					Date: 15-Apr-13 15:54:23	

COMPANY	KERR MCGEE OIL & GAS ONSHORE LP		
WELL	SHURVIEW 13N-3HZ		
FIELD	WATTENBERG		
COUNTY	WELD	STATE	CO

