

\*FIELD COPY\*

COMPANY		KINDER MORGAN CO2 CO LP	
WELL		CD 4	
FIELD/BLOCK		MCELMO	
COUNTY		MONTEZUMA	
STATE		CO	
Permanent Datum		GL	
Log measured from		KB	
Drilling measured from		KB	
Date		02-Dec-14	
Run No.		ONE	
Depth - Driller		8725.00 ft	
Depth - Logger		8710.0 ft	
Bottom - Logged Interval		8707.0 ft	
Top - Logged Interval		8300.0 ft	
Casing - Driller		7.000 in @ 8315.0 ft	
Casing - Logger		8315.0 ft	
Bit Size		6.000 in @	
Type Fluid in Hole		Salt Water	
Density		8.9 ppg	
Viscosity		32.00 s/qt	
PH		9.10 pH	
Fluid Loss		380.0 cpm	
Source of Sample		MUD TANK	
Rm @ Meas. Temperature		0.11 ohmm @ 66.80 degF	
Rmf @ Meas. Temperature		0.10 ohmm @ 61.70 degF	
Rmc @ Meas. Temperature		0.200 ohmm @ 61.50 degF	
Source Rmf		MEASURED	
Rmc		MEASURED	
Rm @ BHT		0.04 ohmm @ 180.0 degF	
Time Since Circulation		13.5 hr	
Time on Bottom		03-Dec-14 20:30	
Max. Rec. Temperature		180.0 degF @ 8580.0 ft	
Equipment		11871076	
Location		GJ CO	
Recorded By		B. RIDDEL	
Witnessed By		J. DAVIS	

COMPANY	KINDER MORGAN CO2 CO LP
WELL	CD 4
FIELD/BLOCK	MCELMO
COUNTY	MONTEZUMA
STATE	CO
API No.	05083067180000
Location	SURFACE HOLE LOCATION: 1580' FSL & 2356' FEL BOTTOM HOLE LOCATION: 2286' FNL & 2144' FVL LATITUDE: 37.548680 LONGITUDE: -108.873080
Sect.	18
Twp.	38N
Rge.	18W
Other Services:	RWCH CSNG WSTT DSNT SDLT DLT MSFL

Elev. 6795.0 ft  
D.F. 6817.5 ft  
G.L. 6795.0 ft  
22.5 ft above perm. Datum

Fold here

Service Ticket No.: 901883664				API Serial No.: 05083067180000				PGM Version: WL INSITE R4.2.0 (Build 2)							
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		DLT		N/A		CENT		N/A	
Rmc @ Meas. Temp.		@		@				10731630							
Source Rmf		Rmc				ONE		MSFL		SLIM PEAK		CENT		N/A	
Rm @ BHT		@		@				11555340							
Rmf @ BHT		@		@											
Rmc @ BHT		@		@											
EQUIPMENT DATA															
GAMMA				ACOUSTIC				DENSITY				NEUTRON			
Run No.		ONE		Run No.		ONE		Run No.		ONE		Run No.		ONE	
Serial No.		11958949		Serial No.		11838493		Serial No.		10865876		Serial No.		10993888	
Model No.		GTET		Model No.		WSTT-I		Model No.		SDLT-I		Model No.		DSNT-I	
Diameter		3.625"		No. of Cent.		0		Diameter		4.5"		Diameter		3.625"	
Detector Model No.		GTET		Spacing		0.5'		Log Type		GAMMA-GAMMA		Log Type		NEU-THERM	
Type		SCINT						Source Type		Cs137		Source Type		Am241Be	
Length		8"		LSA [Y/N]		Y		Serial No.		5153GW		Serial No.		DSN-388	
Distance to Source		17'		FWDA [Y/N]		Y		Strength		1.5 Ci		Strength		15 Ci	
LOGGING DATA															

GENERAL			GAMMA		ACOUSTIC			DENSITY			NEUTRON			
Run	Depth		Speed	Scale		Scale		Matrix	Scale		Matrix	Scale		Matrix
No.	From	To	ft/min	L	R	L	R		L	R		L	R	
ONE	8710	8315	REC	0 API	150 API	30 %	-10 %	47.5 us/ft	30 %	-10 %	2.71 g/cc	30 %	-10 %	LIME
ONE	8315	8000	REC	0 API	150 API									
DIRECTIONAL INFORMATION														
Maximum Deviation @								KOP @						
Remarks: TRIP ONE: CONNECTOR_SUB/FLEX/DTDD/HDDS/BRIDLE/CR/SP/BRIDLE/BS/GTET/CSNG/FLEX/DLLT/MSFL/BN RAN IN COMBINATION														
TRIP TWO: CONNECTOR_SUB/FLEX/DTDD/HDDS/GTET/DSNT/SDLT/BN RAN IN COMBINATION														
TRIP THREE: CONNECTOR_SUB/FLEX/DTDD/GTET/WSTT/XRMI/BN														
CO2 GAS IN WELL AFFECTED DIPOLE RESPONSE, CUSTOMER NOTIFIED														
BOREHOLE RUGOSITY, BITSIZE, TENSION PULLS AND WASHOUTS MAY EFFECT LOG QUALITY AND REPEATABILITY														
CHLORIDES REPORTED TO BE 54,000 ppm														
ANNULAR HOLE VOLUME CALCULATED USING 4.5-INCH CASING														
NO JEWELRY RAN PER CUSTOMER REQUEST DUE TO BOREHOLE SIZE.														
RUN ONE BRIDGED OUT AT 8580'. LOGGED OUT FROM THERE														
YOU CREW TODAY: B. CALWELL, T. RAFF,								RIG: NABORS M40						
THANK YOU FOR CHOOSING HALLIBURTON ENERGY SERVICES, GRAND JUNCTION, CO (970) 523-3600														
HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF.														
HALLIBURTON														

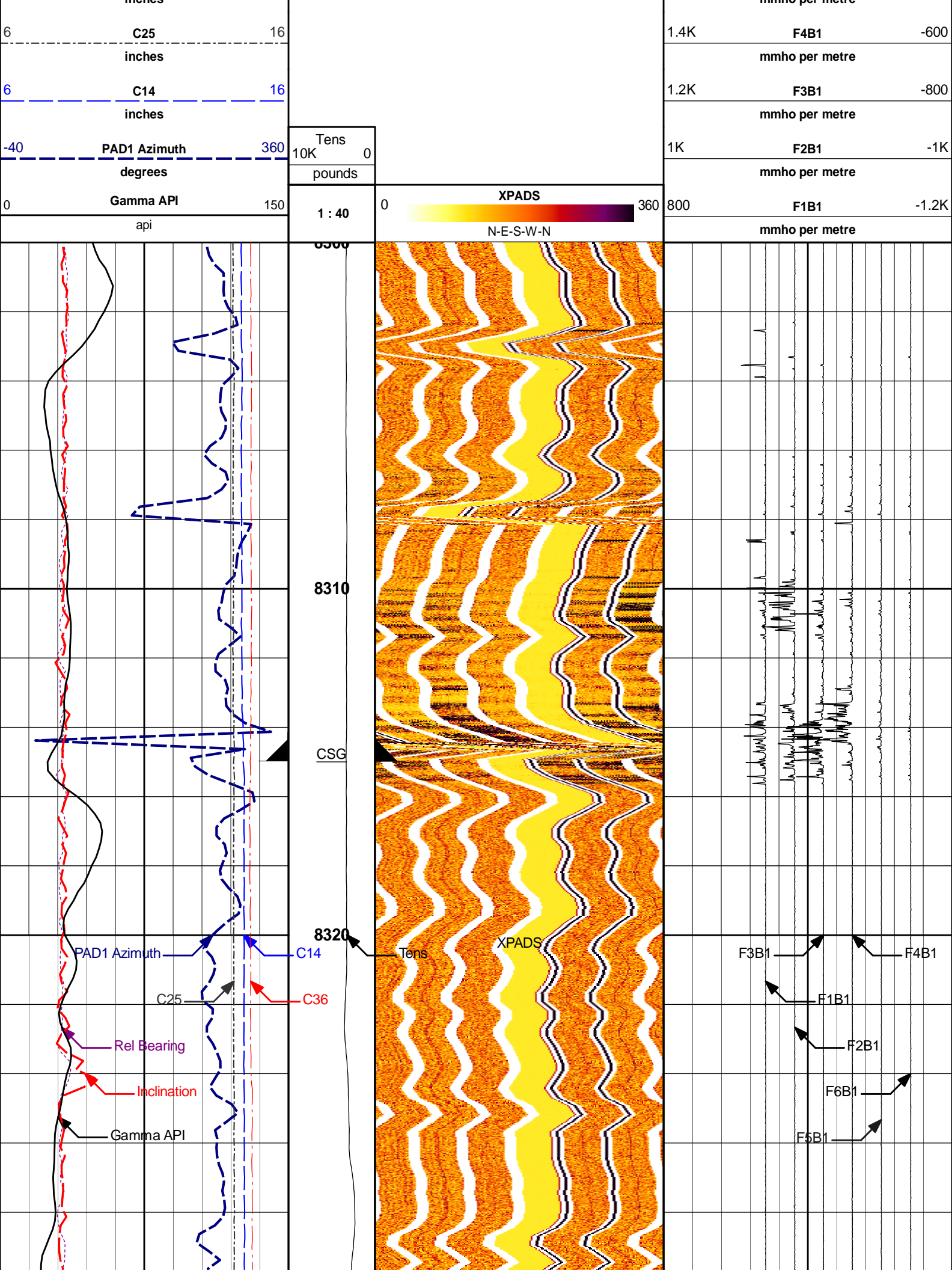
HALLIBURTON

PARAMETERS REPORT

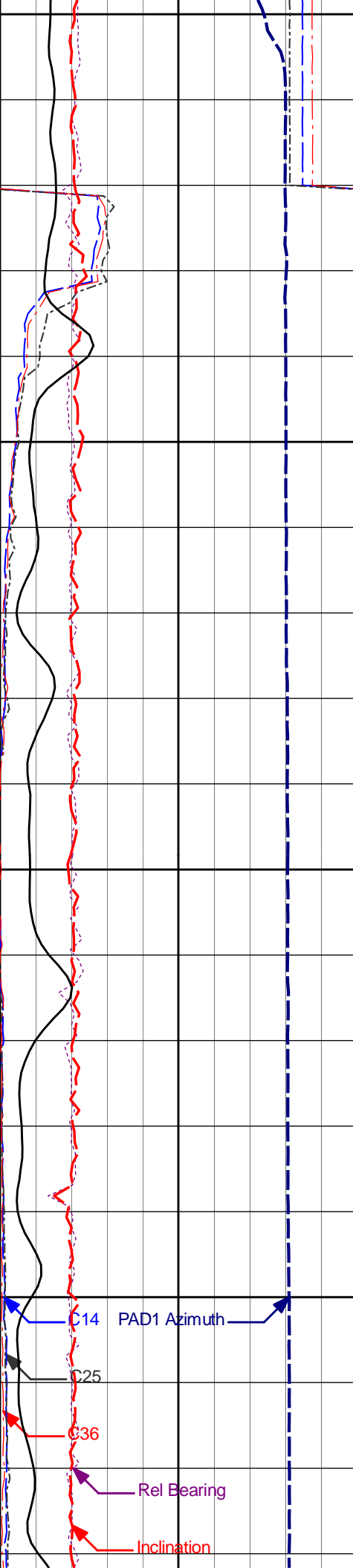
Depth (ft)	Tool Name	Mnemonic	Description	Value	Units
TOP					
	SHARED	BS	Bit Size	6.000	in
	SHARED	UBS	Use Bit Size instead of Caliper for all applications.	No	
	SHARED	MDBS	Mud Base	Water	
	SHARED	MDWT	Borehole Fluid Weight	8.900	ppg
	SHARED	WAGT	Weighting Agent	Natural	
	SHARED	BSAL	Borehole salinity	54000.00	ppm
	SHARED	FSAL	Formation Salinity NaCl	0.00	ppm
	SHARED	KPCT	Percent K in Mud by Weight?	0.00	%
	SHARED	RMUD	Mud Resistivity	0.114	ohmm
	SHARED	TRM	Temperature of Mud	66.8	degF
	SHARED	CSD	Logging Interval is Cased?	No	
	SHARED	ICOD	AHV Casing OD	4.500	in
	SHARED	ST	Surface Temperature	75.0	degF
	SHARED	TD	Total Well Depth	8725.00	ft
	SHARED	BHT	Bottom Hole Temperature	200.0	degF
	SHARED	SVTM	Navigation and Survey Master Tool	NONE	
	SHARED	AZTM	High Res Z Accelerometer Master Tool	GTET	
	SHARED	TEMM	Temperature Master Tool	NONE	
	Rwa / CrossPlot	XPOK	Process Crossplot?	Yes	
	Rwa / CrossPlot	FCHO	Select Source of F	Automatic	
	Rwa / CrossPlot	AFAC	Archie A factor	0.6200	

Rwa / CrossPlot	MFAC	Archie M factor	2.1500	
Rwa / CrossPlot	RMFR	Rmf Reference	0.10	ohmm
Rwa / CrossPlot	TMFR	Rmf Ref Temp	75.00	degF
Rwa / CrossPlot	RWA	Resistivity of Formation Water	0.05	ohmm
Rwa / CrossPlot	ADP	Use Air Porosity to calculate CrossplotPhi	No	
Rwa / CrossPlot	BHSM	Borehole Size Source Tool	MSFL	
GTET	GROK	Process Gamma Ray?	Yes	
GTET	GRSO	Gamma Tool Standoff	0.250	in
GTET	GEOK	Process Gamma Ray EVR?	No	
GTET	TPOS	Tool Position for Gamma Ray Tools.	Centered	
GTET	BHSM	Borehole Size Source Tool	MSFL	
CSNG	CGOK	Process CSNG Data?	Yes	
CSNG	CENT	Is Tool Centralized?	No	
CSNG	GBOK	Gamma Enviromental Corrections?	Yes	
CSNG	BARF	Barite Correction Factor	1.00	
CSNG	ORDG	Use Fixed Gain	No	
CSNG	ORDO	Use Fixed Offset	No	
CSNG	ORDR	Use Fixed Resolution Degradation Factor	No	
CSNG	BHSM	Borehole Size Source Tool	MSFL	
DLLT-I Sonde	DLOK	Process Dual Laterolog?	Yes	
DLLT-I Sonde	DBOK	Process Dual Laterolog Borehole Corrections?	Yes	
DLLT-I Sonde	SBHD	Select Borehole Diam Source	Caliper	
DLLT-I Sonde	TPOS	Tool Position	Standoff	
DLLT-I Sonde	TMPC	Temperature Correction Type	Tool Value	
DLLT-I Sonde	DLOK	Calculate Dual Laterolog DI?	Yes	
DLLT-I Sonde	BHSM	Borehole Size Source Tool	MSFL	
MSFL	DLOK	Process MSFL?	Yes	
MSFL	SLPD	Use MSFL Slim Hole Pad?	Yes	
MSFL	SPDF	MSFL Slim Hole Pad K Factor	1.750	
MSFL	CLOK	Process Caliper Outputs?	Yes	
BOTTOM				
Data: KINDER_CD_4\0001 TPL_DLLT_CSNG\002 02-Dec-14 15:54 Up @8585.5f			Date: 04-Dec-14 12:59:29	

<div> <div>HALLIBURTON</div> <div>           Plot Time: 04-Dec-14 13:18:06            Plot Range: 8300 ft to 8708.58 ft            Data: KINDER_CD_4\Well Based\XRMI\            Plot File: \\XRMI\NOBLE_XRMI         </div> </div>				
MAIN PASS				
<div> <div> <div>-1</div> <div>Inclination</div> <div>9</div> </div> <div>degrees</div> </div>				
<div> <div> <div>0</div> <div>Rel Bearing</div> <div>360</div> </div> <div>degrees</div> </div>				
<div> <div> <div>6</div> <div>C36</div> <div>16</div> </div> <div>inches</div> </div>				
		1.8K	F6B1	-200
		mmho per metre		
		1.6K	F5B1	-400
		mmho per metre		





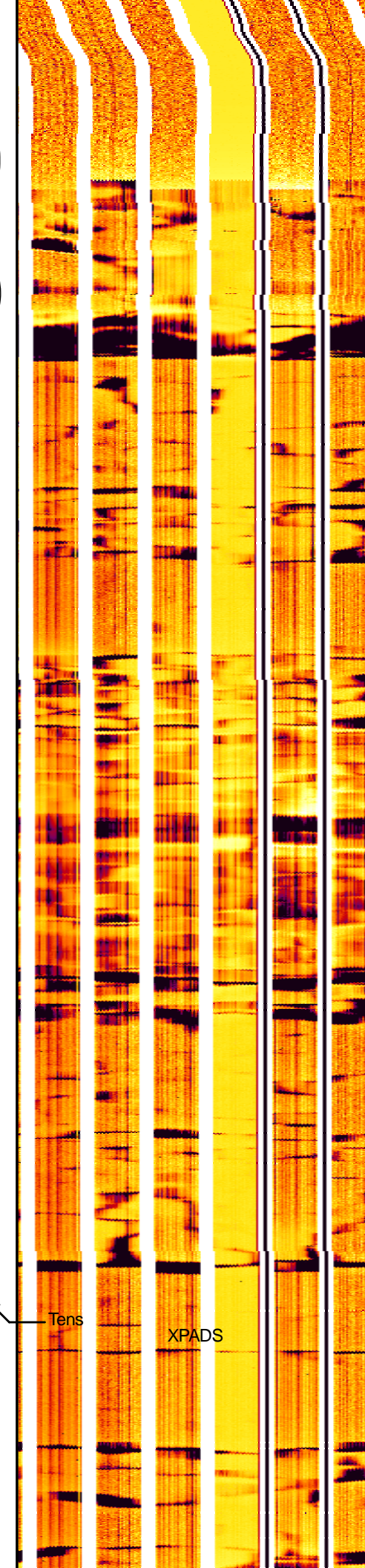


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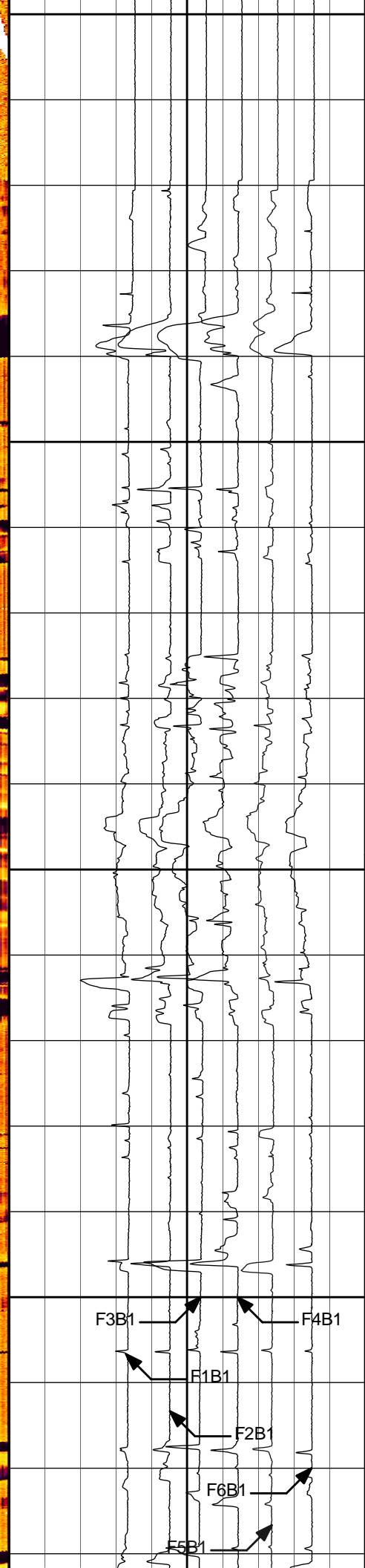
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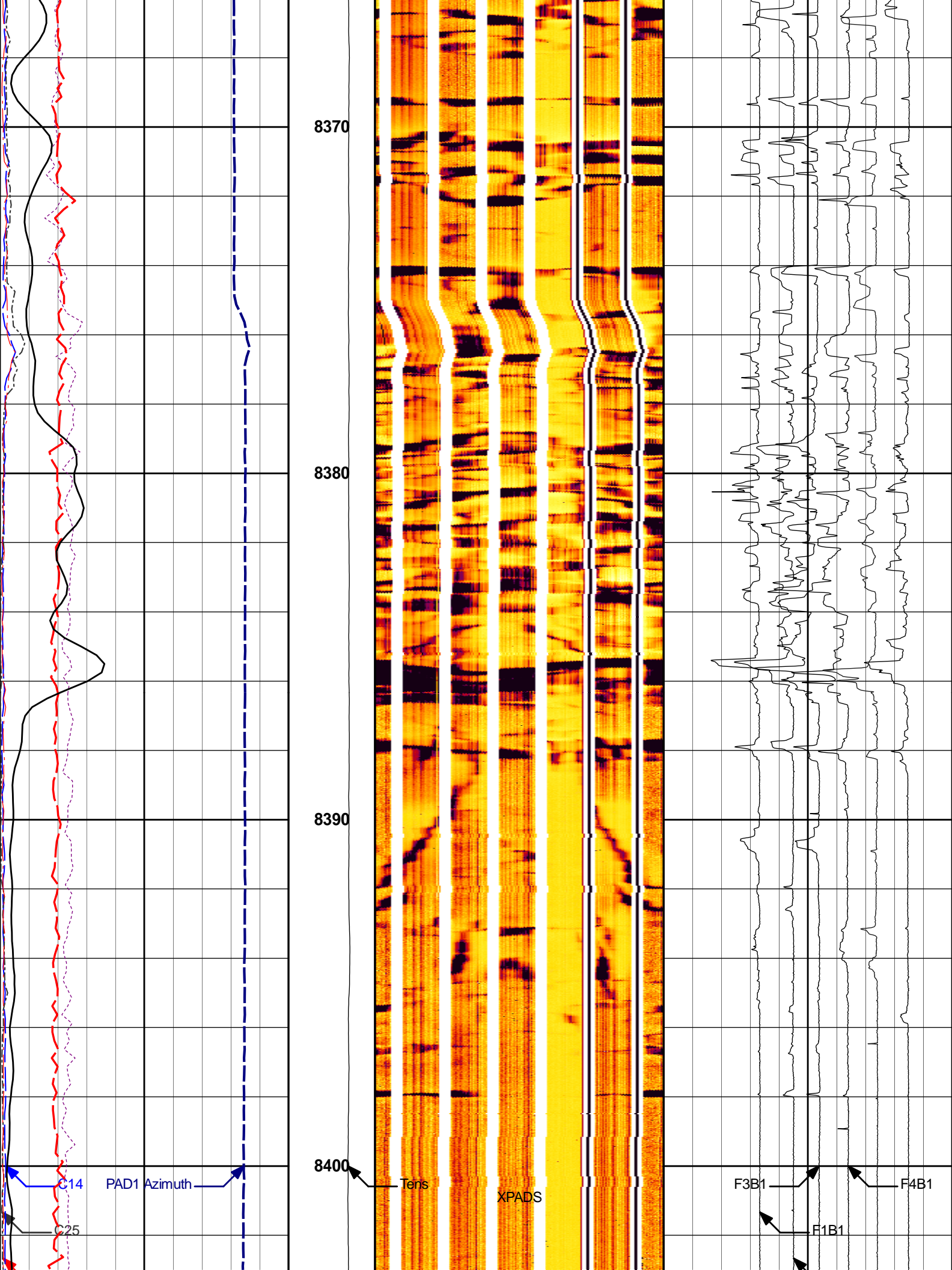
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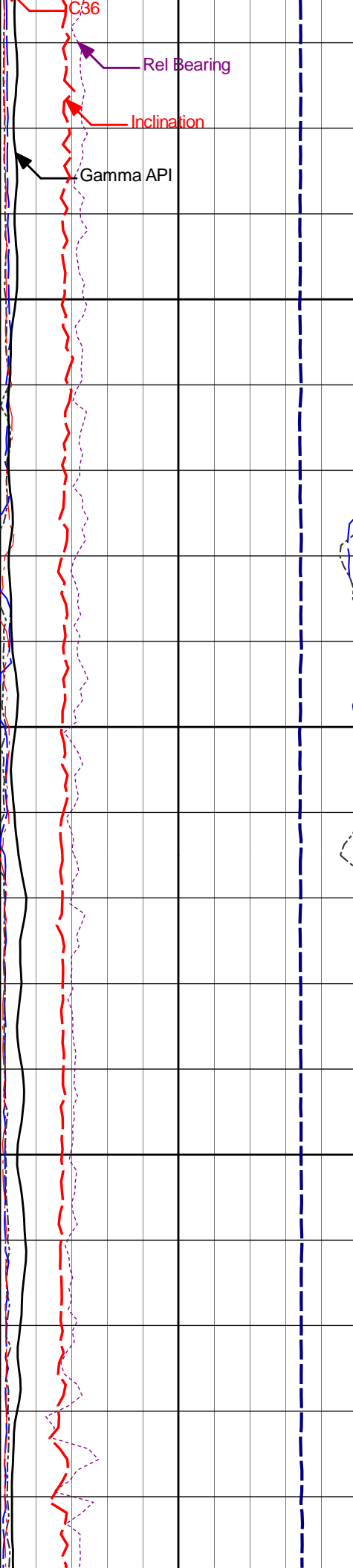
Tens

XPADS





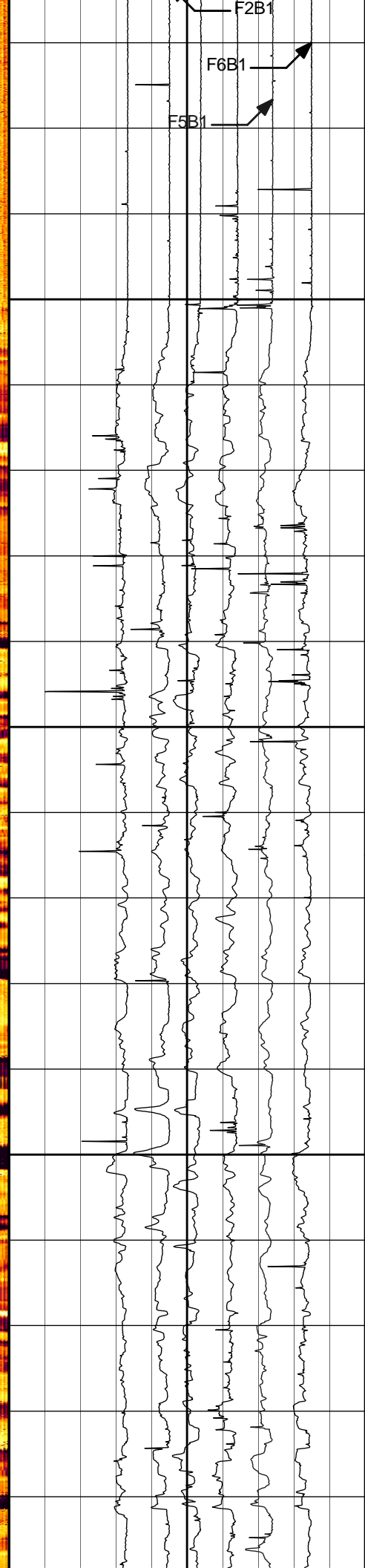
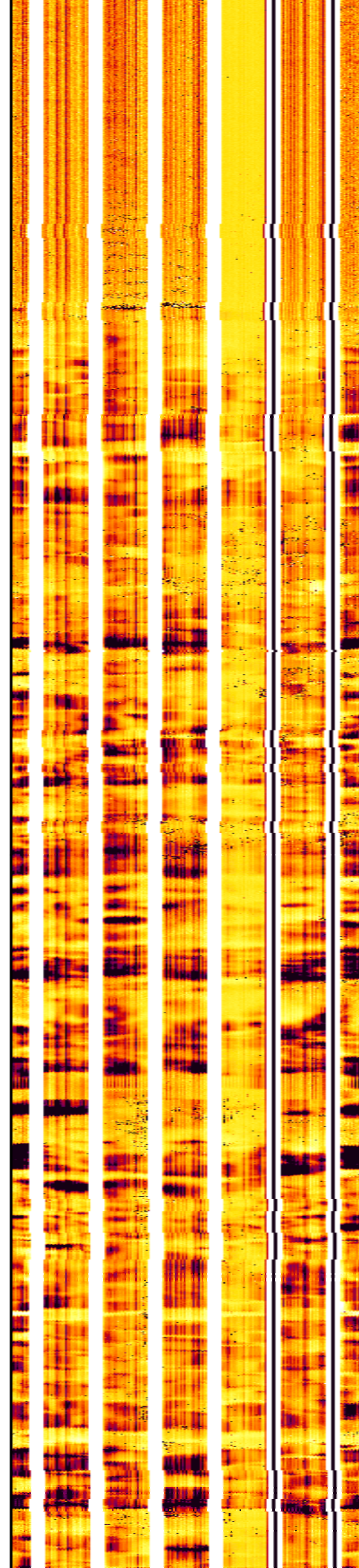


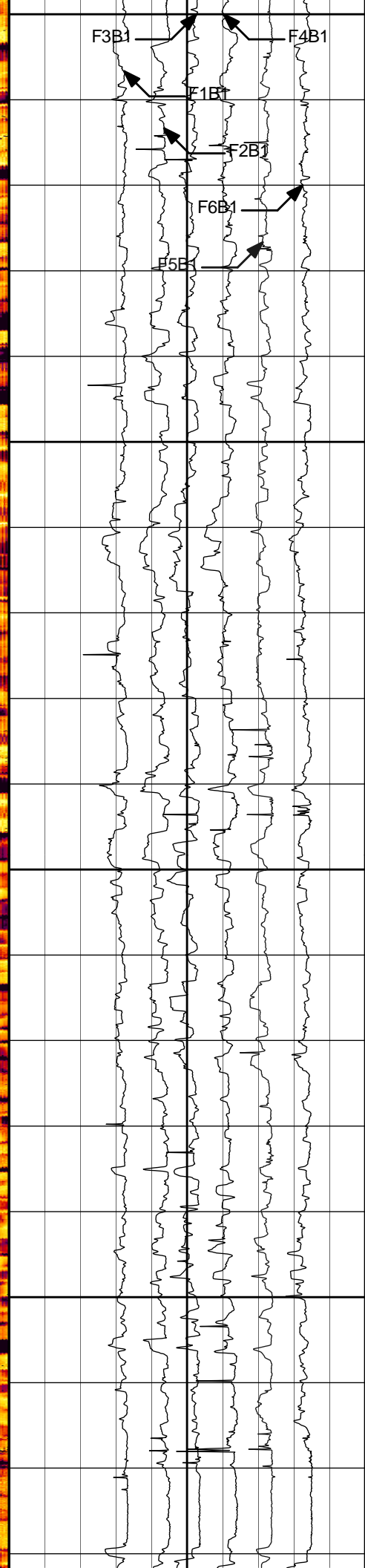
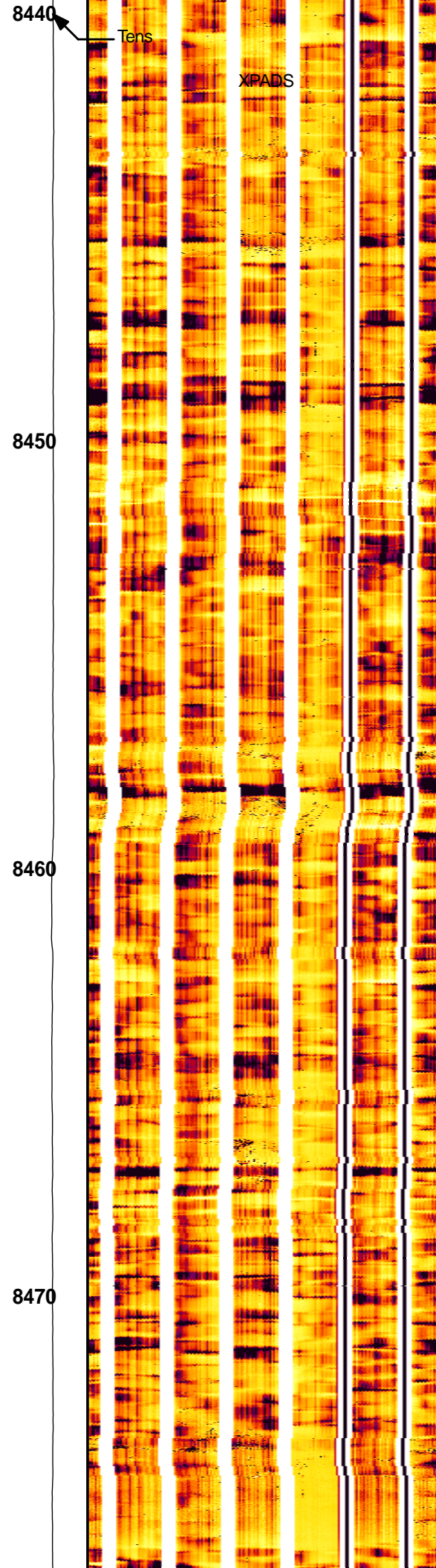
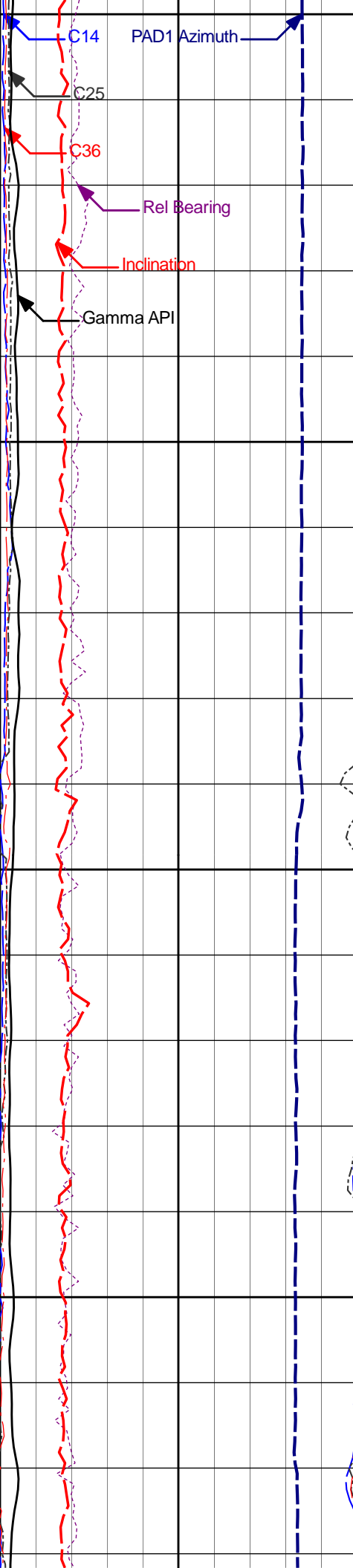


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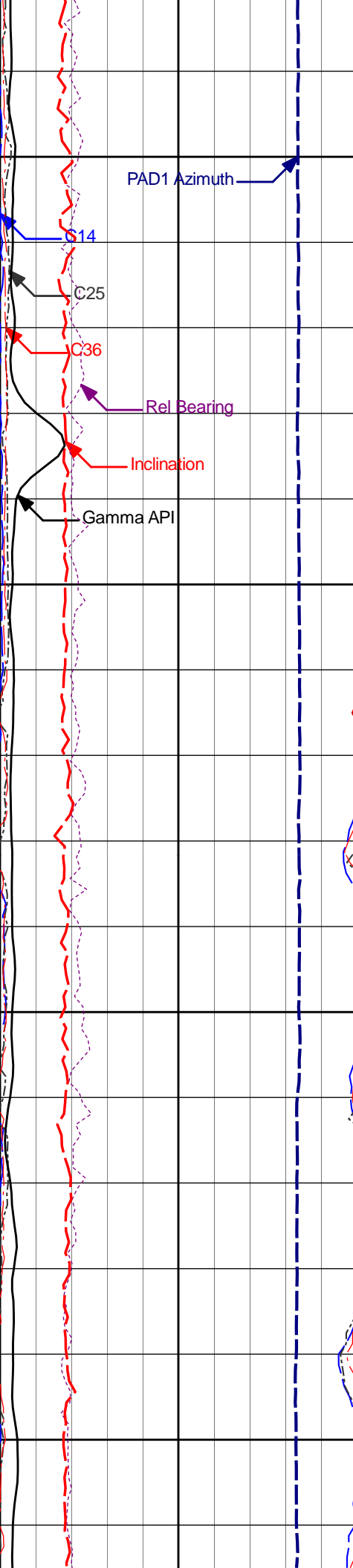
8420

8430









8480

Tens

XPADS

8490

8500

8510

F3B1

F1B1

F2B1

F4B1

F5B1

F6B1

F7B1

F8B1

F9B1

F10B1

F11B1

F12B1

F13B1

F14B1

F15B1

F16B1

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F20B1

F21B1

F22B1

F23B1

F24B1

F25B1

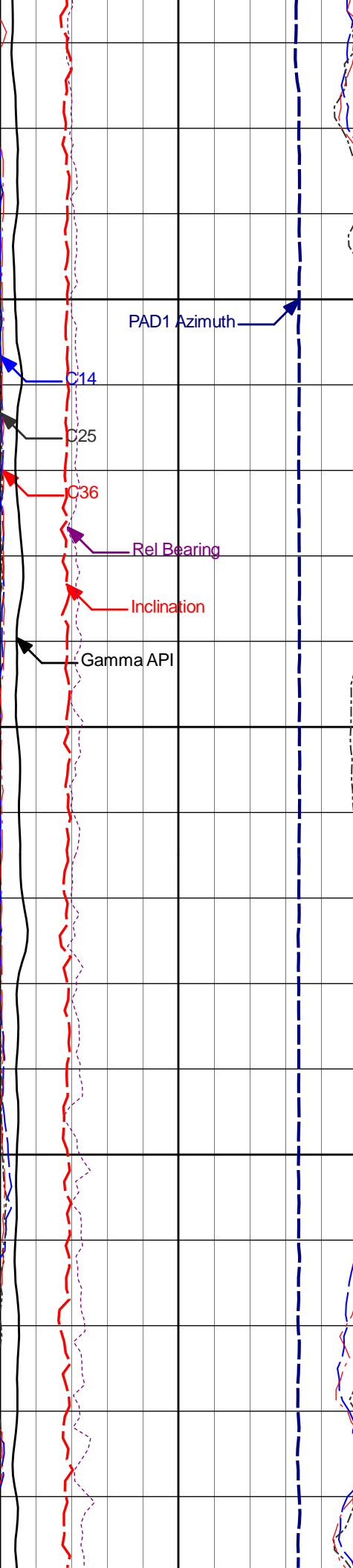
F26B1

F27B1

F28B1

F29B1

F30B1



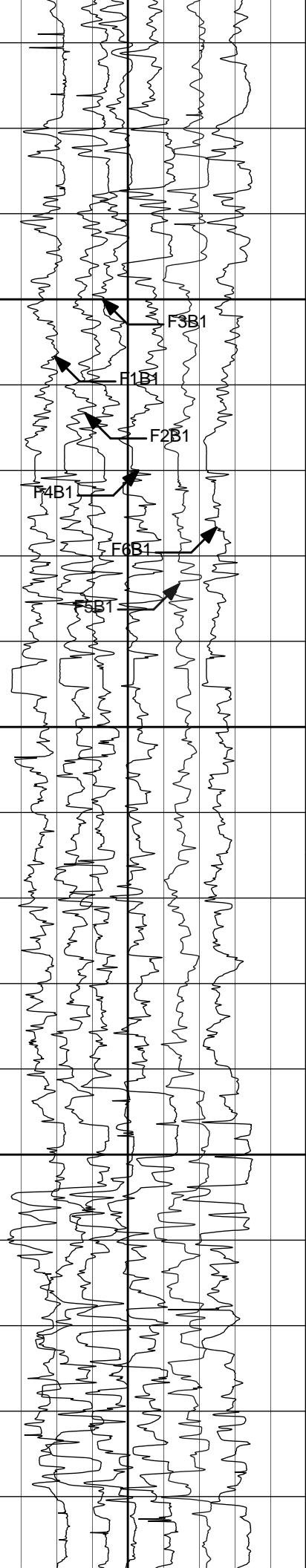
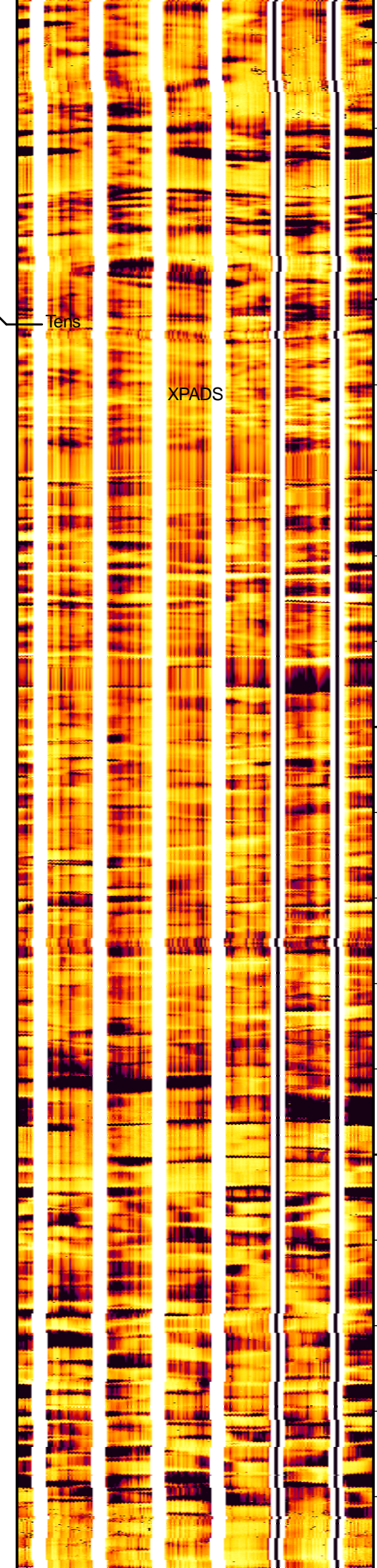
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Tens

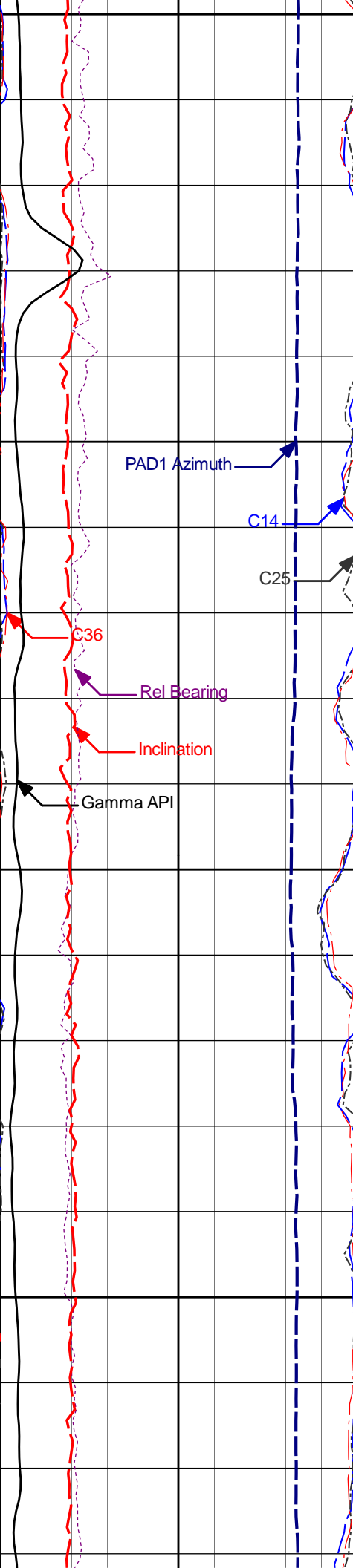
XPADS

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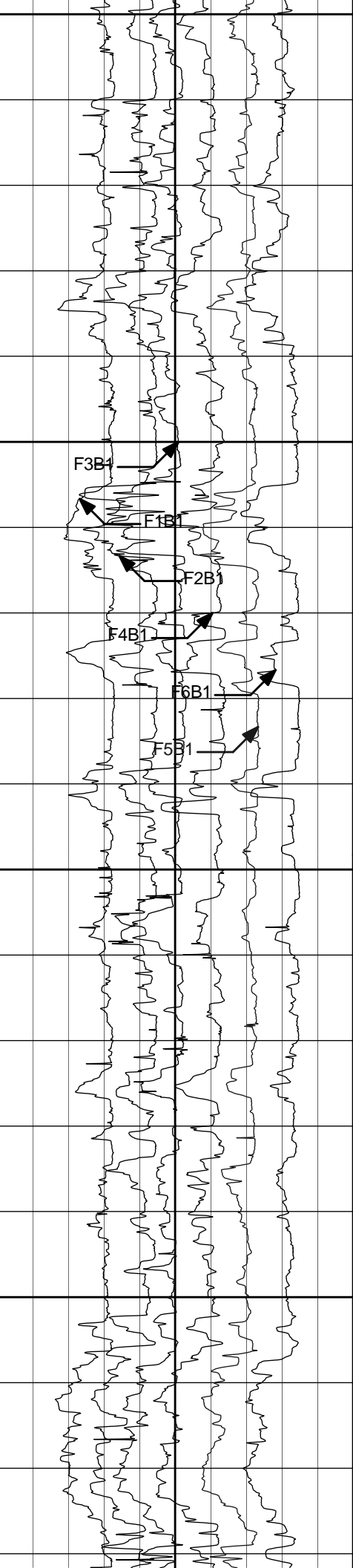
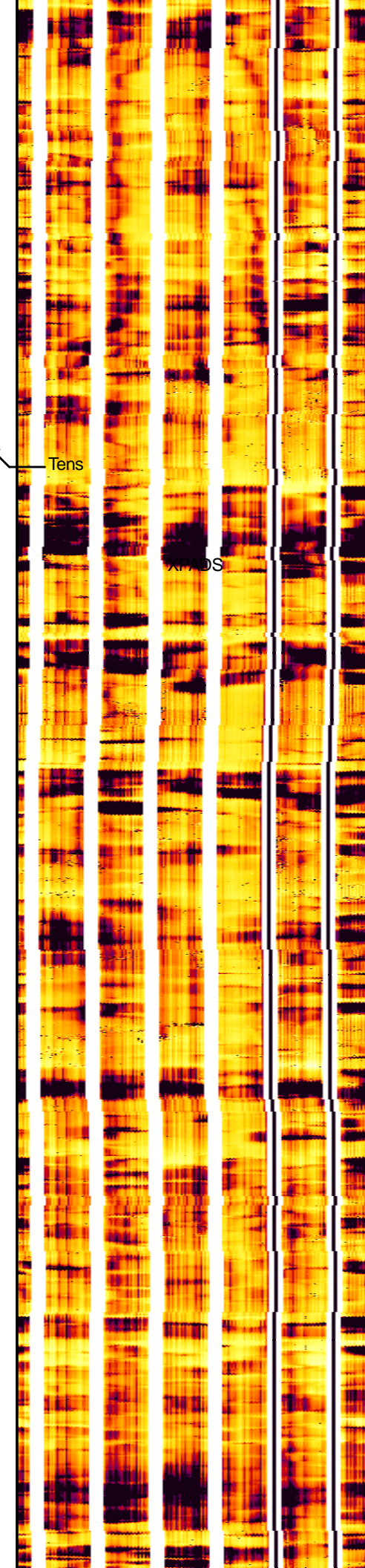


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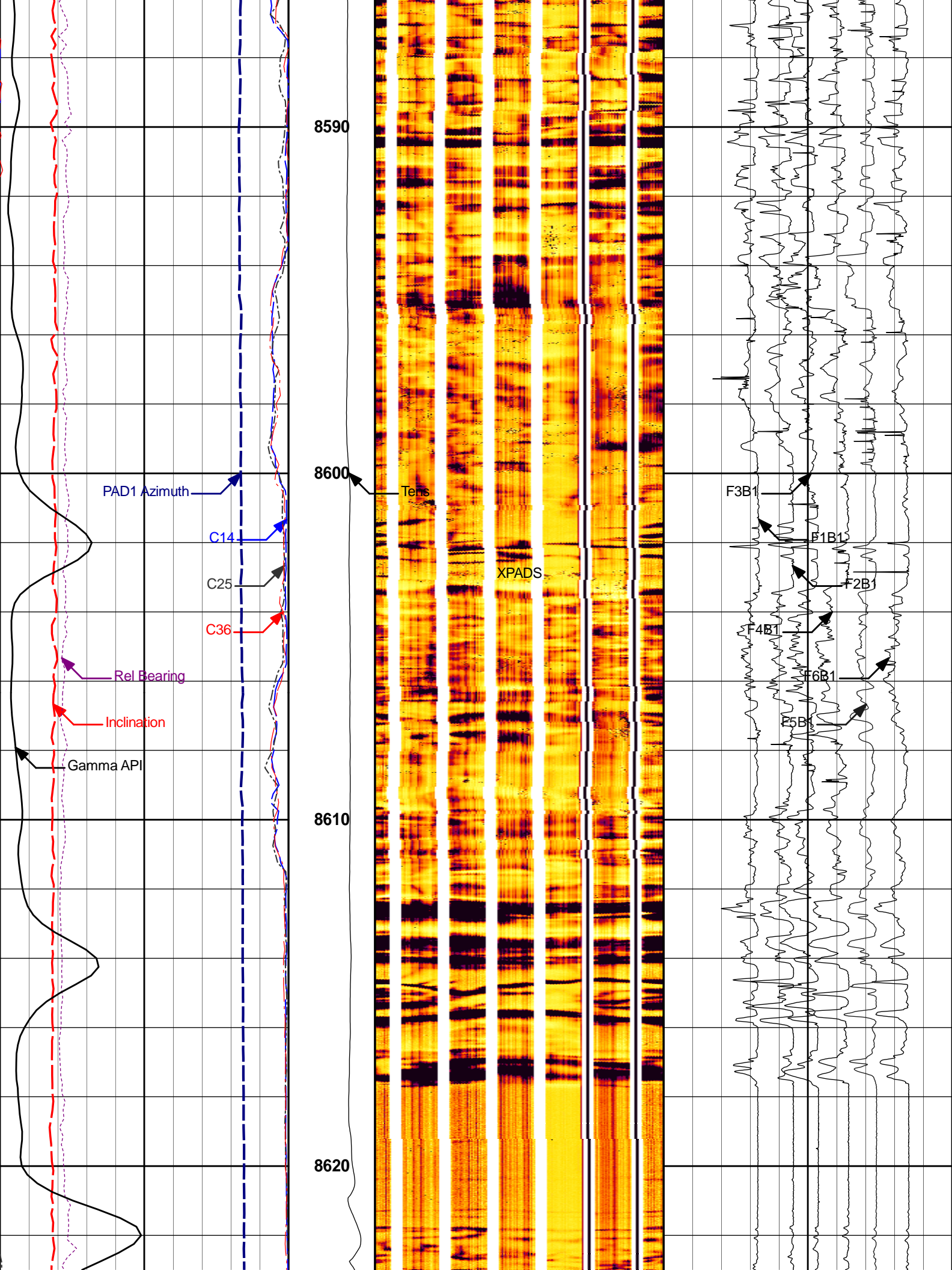
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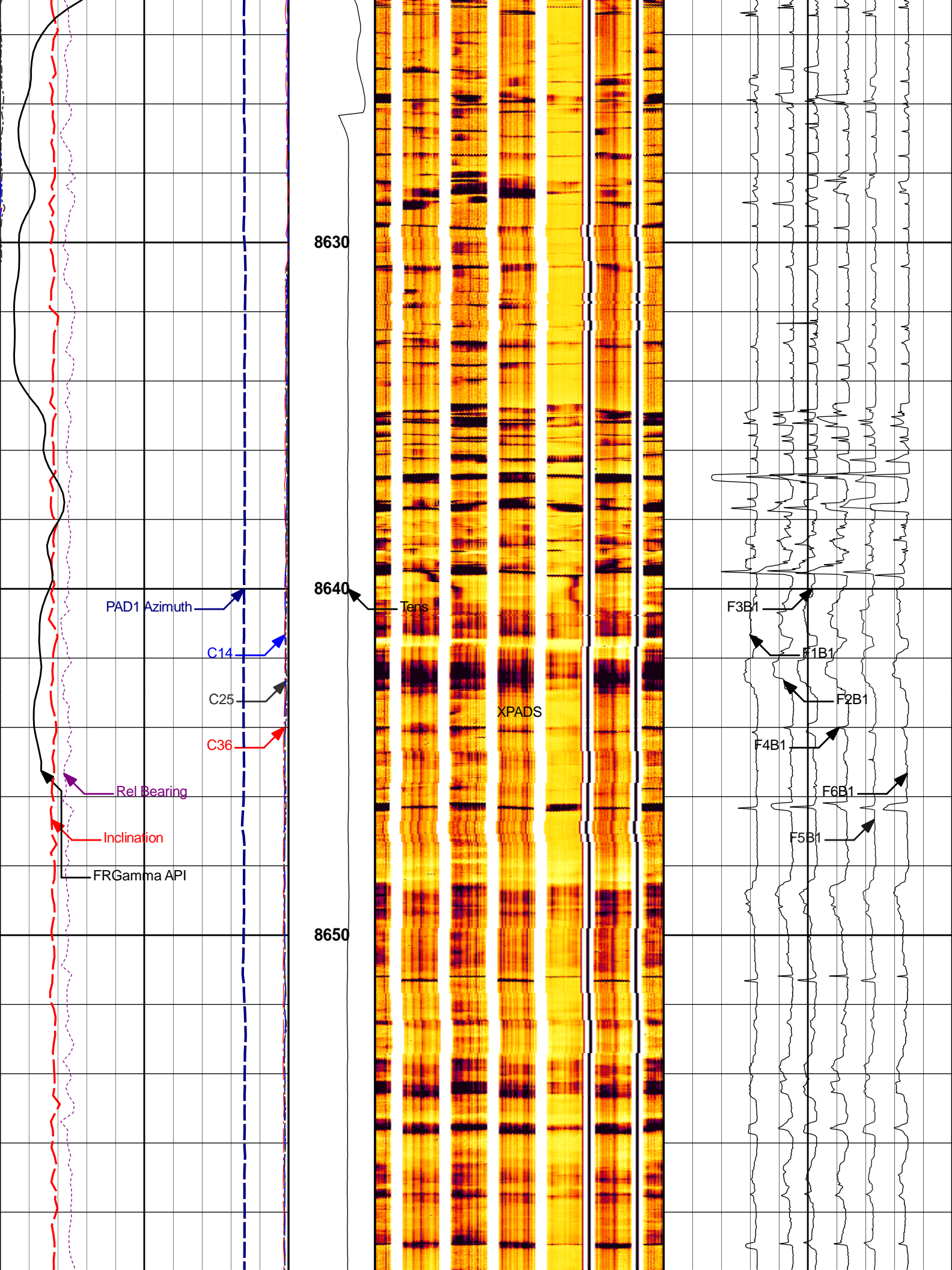
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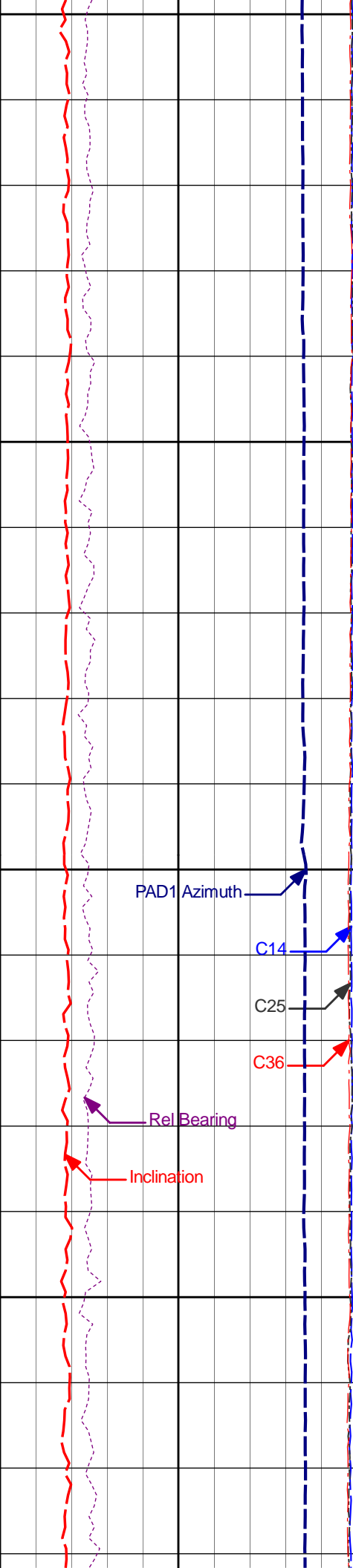










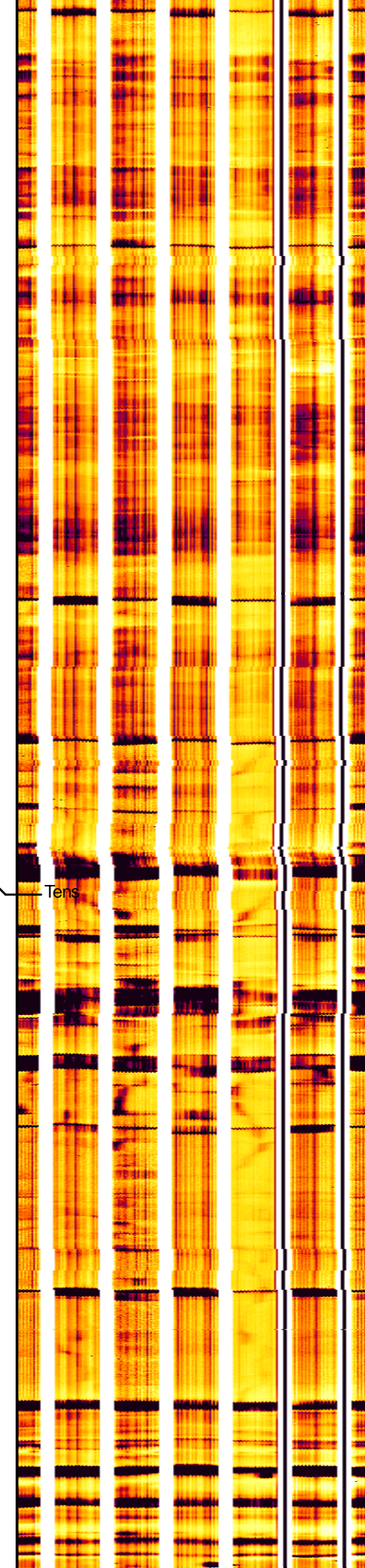


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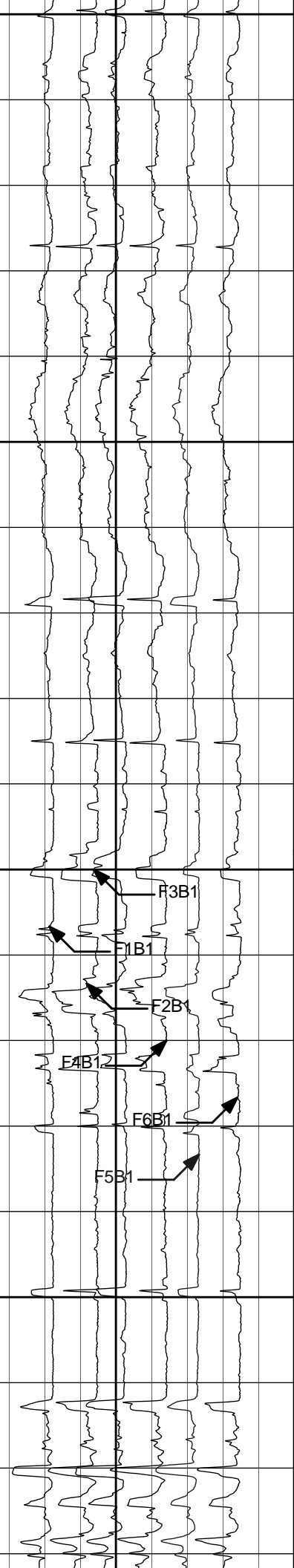
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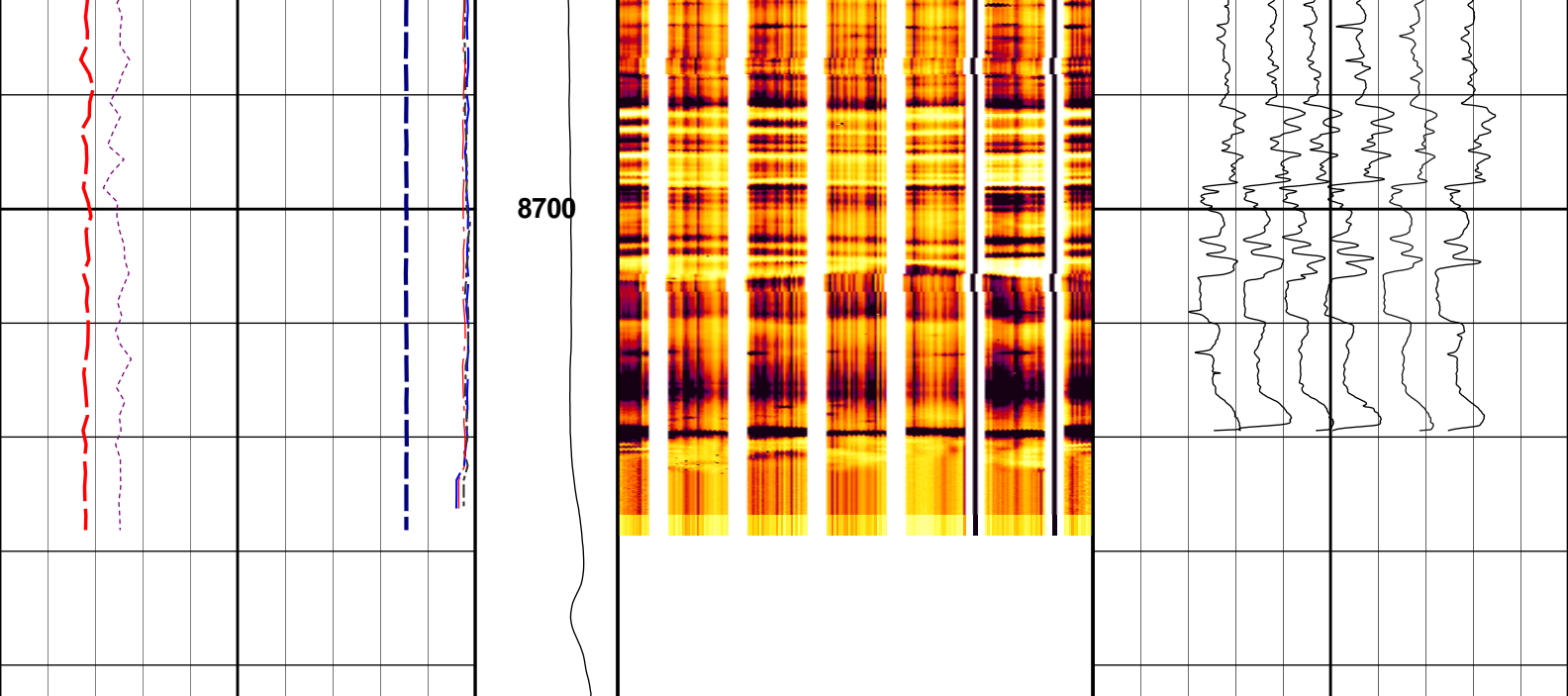
8690



Tens







0	Gamma API	150	1 : 40	0	XPADS	360	800	F1B1	-1.2K
	api				N-E-S-W-N			mmho per metre	
-40	PAD1 Azimuth	360	Tens	0			1K	F2B1	-1K
	degrees		10K	0				mmho per metre	
6	C14	16					1.2K	F3B1	-800
	inches							mmho per metre	
6	C25	16					1.4K	F4B1	-600
	inches							mmho per metre	
6	C36	16					1.6K	F5B1	-400
	inches							mmho per metre	
0	Rel Bearing	360					1.8K	F6B1	-200
	degrees							mmho per metre	
-1	Inclination	9							
	degrees								

**HALLIBURTON** Plot Time: 04-Dec-14 13:18:16  
Plot Range: 8300 ft to 8708.58 ft  
Data: KINDER\_CD\_4\Well Based\XRMI\  
Plot File: \\XRMINOBLE\_XRMI

MAIN PASS

**HALLIBURTON**

**CALIBRATION REPORT**

**NATURAL GAMMA RAY TOOL SHOP CALIBRATION**

Tool Name:	GTET - 11958949	Reference Calibration Date:	30-Sep-14 09:24:46
Engineer:	B. RIDDEL	Calibration Date:	01-Dec-14 07:12:41

Calibrator Source S/N: MP051807-04

Calibrator API Reference:239.00 api

Equivalent Calibrator API Reference:243.2 api

Measurement	Measured	Calibrated	Units
Background	27.7	27.7	api
Background + Calibrator	270.8	270.9	api
Calibrator	243.1	243.2	api

**ACCELEROMETER AND MAGNETOMETER SHOP CALIBRATION**

Tool Name: XRMI-I Instrument - 11355245

Reference Calibration Date: 02-Nov-11 16:33:08

Engineer: P. DIMPFL

Calibration Date: 04-Jun-14 16:21:48

Software Version: WL INSITE R4.2.0 (Build 2)

Calibration Version: 1

Reference Gravity Field: 1.0000 g

Reference Magnetic Field: 51699.0000 nT

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

**ACCELEROMETER CALIBRATION RAW DATA VALUE**

Raw Acc X	Raw Acc Y	Raw Acc Z	Gravity	Quality %	QF
1941.5000	-18953.5000	10.7500	1.0006	99.9354	1
-18946.7500	-2523.0000	-86.2500	1.0002	99.9834	1
-6801.5000	18034.5000	-99.5000	1.0000	99.9961	1
18792.5000	4198.5000	-61.5000	0.9998	99.9821	1
158.5000	19287.5000	-105.7500	0.9994	99.9443	1
776.5000	17807.7500	3840.2500	1.0010	99.9013	1
413.0000	19293.5000	146.0000	0.9997	99.9673	1
19235.0000	68.2500	-68.5000	1.0002	99.9839	1
3057.0000	-18779.7500	-136.5000	0.9994	99.9357	1
-19118.2500	470.2500	-113.0000	0.9997	99.9668	1
-11962.0000	-822.2500	7587.0000	0.9997	99.9662	1
-17621.5000	-53.7500	-3638.2500	1.0004	99.9628	1

**ACCELEROMETER QUALITY SUMMARY**

Average Calculated Gravity Field	1.0000 g
Standard Deviation Calculated Gravity Field	0.0005 g

**ACCELEROMETER GAIN AND OFFSET**

	GAIN	OFFSET
ACC X	0.0000521266	-0.0026737903
ACC Y	0.0000521666	-0.0069890274
ACC Z	0.0001040054	-0.0114683267

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

**MAGNETOMETER CALIBRATION RAW DATA VALUE**

Raw Mag X	Raw Mag Y	Raw Mag Z	Magnetic	Quality %	QF
3485.2500	10630.7500	-801.7500	51859.3867	99.6898	1
10587.0000	-3027.7500	-975.0000	51758.8086	99.8843	1
-674.5000	-10967.2500	-1103.5000	52012.7461	99.3931	1
-10914.7500	2394.5000	-912.2500	51903.6836	99.6041	1
-509.2500	-9423.0000	4480.5000	51387.2227	99.3969	1
-421.5000	-10903.2500	-587.2500	51587.2344	99.7838	1
-259.0000	-9886.2500	-4946.5000	51759.3516	99.8833	1
-9897.7500	-79.7500	-5162.2500	51536.0898	99.6849	1
-1829.5000	9770.7500	-5172.7500	51457.5313	99.5329	1

9722.0000	110.2500	-5204.0000	51193.6758	99.0226	1
9469.0000	1233.7500	4667.0000	51839.8711	99.7275	1
7191.5000	298.5000	-8432.7500	52055.1445	99.3111	1

MAGNETOMETER QUALITY SUMMARY		
Average Calculated Magnetic Field	51695.8945	nT
Standard Deviation Calculated Magnetic Field	264.5303	nT

MAGNETOMETER GAIN AND OFFSET		
	GAIN	OFFSET
MAG X	4.6669363976	169.2776031494
MAG Y	4.6775751114	-554.9345703125
MAG Z	5.0344729424	2815.9243164063

Noise Level Value: 12.339083 cnts

Noise Level Cal Value: 0.0013 g

DIPMETER SHOP CALIBRATION

Tool Name:	XRMI-I Mandrel - 11838466	Reference Calibration Date:	07-Nov-14 08:58:57
Engineer:	P. DIMPFL	Calibration Date:	07-Nov-14 09:05:08
Software Version:	WL INSITE R4.2.0 (Build 2)	Calibration Version:	1

Tool Temperature: 68.69 degF

PAD RESISTIVITIES							
Measurement	Measured	Calibrated	Measured	Calibrated	Measured	Calibrated	Units
Pads #1-3:	0.446	0.450	0.449	0.450	0.442	0.450	ohmm
Pads #4-6:	0.450	0.450	0.448	0.450	0.451	0.450	ohmm
Cal0 #1-3:	0.246	-----	0.251	-----	0.252	-----	ohmm
Cal0 #4-6:	0.247	-----	0.256	-----	0.252	-----	ohmm

RELATIVE PAD VOLTS		
Measurement	Measured	Calibrated
Air:	1.000	0.999
Zero:	0.003	0.003
Calibrate:	0.003	0.003

SIX ARM CALIPER SHOP CALIBRATION

Tool Name:	XRMI-I Mandrel - 11838466	Reference Calibration Date:	07-Nov-14 09:12:23
Engineer:	P. DIMPFL	Calibration Date:	07-Nov-14 09:16:29
Software Version:	WL INSITE R4.2.0 (Build 2)	Calibration Version:	3

CALIPERS AND RINGS			
Caliper	Large 15.00 in	Small 7.000 in	Units
CALIPER 1-4:			
Measured	14.979	6.963	in
Calibrated	15.000	7.000	in
CALIPER 2-5:			
Measured	14.982	7.029	in
Calibrated	15.000	7.000	in
CALIPER 3-6:			
Measured	14.904	7.036	in
Calibrated	15.000	7.000	in



TOLERANCE CHECK				
Measurment	Difference	Tolerance	Pass/Fail	Units
Caliper 1-4 Large	0.020	0.250	Passed	in
Caliper 1-4 Small	0.040	0.250	Passed	in
Caliper 2-5 Large	0.020	0.250	Passed	in
Caliper 2-5 Small	-0.030	0.250	Passed	in
Caliper 3-6 Large	0.100	0.250	Passed	in
Caliper 3-6 Small	-0.040	0.250	Passed	in

PRESSURE PAD		
	Measured	Calibrated
Closed	0.000	0.000
Opened	0.999	1.000

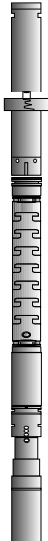
CALIBRATION SUMMARY

Sensor	Shop	Field	Post	Difference	Tolerance	Units
GTET-11958949						
Gamma Ray Calibrator	243.2	-----	-----	0.0	+/- 9.00	api
XRMI-I Mandrel-11838466						
Reflvl Pad 1	20.395	-----	-----	0.000	N/A	ohmm
Reflvl Pad 2	20.673	-----	-----	0.000	N/A	ohmm
Reflvl Pad 3	21.097	-----	-----	0.000	N/A	ohmm
Reflvl Pad 4	20.310	-----	-----	0.000	N/A	ohmm
Reflvl Pad 5	21.176	-----	-----	0.000	N/A	ohmm
Reflvl Pad 6	20.655	-----	-----	0.000	N/A	ohmm
CAL 1-4	7.000	-----	-----	0.000	+/- 0.25	in
CAL 2-5	7.000	-----	-----	0.000	+/- 0.25	in
CAL 3-6	7.000	-----	-----	0.00	+/- 0.25	in

Data: KINDER\_CD\_4\0003 TPL\_WSTT\_XRMI\002 04-Dec-14 12:01 Up @8709.8f Date: 04-Dec-14 12:58:20

HALLIBURTON

TOOL STRING DIAGRAM REPORT

Description	Overbody Description	O.D.	Diagram	Sensors @ Delays	Length	Accumulated Length
Spacer-12345678 100.00 lbs	Regal Standoff 6_75-00000001 20.00 lbs	Ø 3.625 in Ø 5.000 in*			4.70 ft	120.64 ft
Flex Joint - Pressure Comp-10756977 140.00 lbs		Ø 3.625 in			5.97 ft	115.94 ft
DTDD-10267604 90.00 lbs		Ø 3.625 in		← Load Cell @ 108.88 ft	3.66 ft	109.97 ft
				← Pad Locator @ 107.29 ft		

HDDS-A-00000001  
125.00 lbs

Ø 4.060 in →

4.13 ft

106.31 ft

102.19 ft

Isolator Assy.-  
11987166  
274.00 lbs

Ø 3.625 in →

15.00 ft

Return Electrode-  
11037643  
57.00 lbs

Ø 3.625 in →

2.50 ft

87.19 ft

84.69 ft

SP Sub-11057551  
60.00 lbs

Ø 3.625 in →

3.74 ft

← SP @ 82.91 ft

80.95 ft

Isolator Assy.-  
11989446  
274.00 lbs

Ø 3.625 in →

15.00 ft

Barrier Sub-  
12345678  
38.00 lbs

Ø 3.625 in →

1.00 ft

65.95 ft

64.95 ft

GTET-11958949  
165.00 lbs

Ø 3.625 in →

8.52 ft

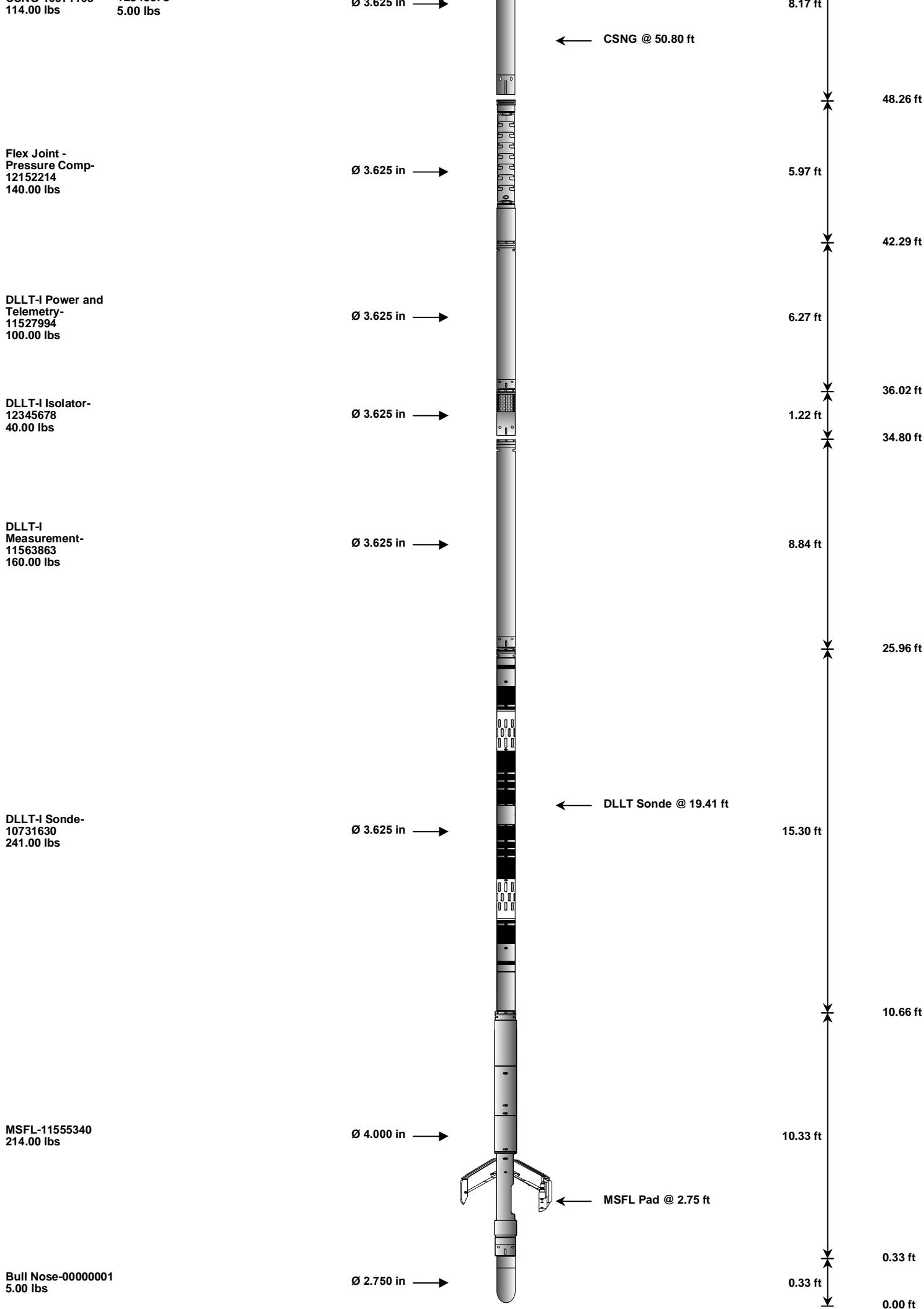
← GammaRay @ 58.89 ft

56.43 ft

CSNG-10971168

UnivWearRing3.6-  
12345678

Ø 4.200 in\* →





Mnemonic	Tool Name	Serial Number	Weight (lbs)	Length (ft)	Accumulated Length (ft)	Max.Log. Speed (fpm)
SPC	Test	12345678	100.00	4.70	115.94	100.00
RSOF	Regal Standoff 6.75in	00000001	20.00	0.52	*	117.76
FLEX	Flex Joint - Pressure Compensated	10756977	140.00	5.97	109.97	300.00
DTDD	Downhole Tension Device	10267604	90.00	3.66	106.31	300.00
HDDS-A	Heavy Duty DITS Swivel tool.	00000001	125.00	4.13	102.19	300.00
ISA	Isolator Assembly - Rigid Bridle	11987166	274.00	15.00	87.19	300.00
RE	Return Electrode - Rigid Bridle	11037643	57.00	2.50	84.69	300.00
SP	SP Sub	11057551	60.00	3.74	80.95	300.00
ISA	Isolator Assembly - Rigid Bridle	11989446	274.00	15.00	65.95	300.00
w	Barrier Sub - Rigid Bridle	12345678	38.00	1.00	64.95	300.00
GTET	Gamma Telemetry Tool	11958949	165.00	8.52	56.43	60.00
CSNG	Compensated Spectral Natural Gamma	10971168	114.00	8.17	48.26	15.00
UWR3P6	Universal Wear Ring 3 5-8 inch	12345678	5.00	0.35	*	52.34
FLEX	Flex Joint - Pressure Compensated	12152214	140.00	5.97	42.29	300.00
DLLT	Dual Laterolog Power and Telemetry	11527994	100.00	6.27	36.02	100.00
DLLT	Dual Laterolog Isolator	12345678	40.00	1.22	34.80	100.00
DLLT	Dual Laterolog Measurement	11563863	160.00	8.84	25.96	100.00
DLLT	Dual Laterolog Sonde	10731630	241.00	15.30	10.66	100.00
MSFL	Micro Spherically Focused Log	11555340	214.00	10.33	0.33	60.00
BLNS	Bull Nose	00000001	5.00	0.33	0.00	300.00
Total			2,362.00	120.64		
* Not included in Total Length and Length Accumulation.						
Data: KINDER_CD_4\0001 TPL_DLLT_CSNG\002 02-Dec-14 15:54 Up @8585.5f						
Date: 04-Dec-14 12:58:45						

COMPANY	KINDER MORGAN CO2 CO LP		
WELL	CD 4		
FIELD	MCELMO		
COUNTY	MONTEZUMA	STATE	CO
HALLIBURTON		EXTENDED RANGE MICRO-IMAGER	
		*FIELD COPY*	