

**DUAL SPACED NEUTRON
SPECTRAL DENSITY
MEASURED DEPTH**

MEASURED DEPTH

Fold here

Sales Order Number: 908104317						API No.: 15081222530100						PGM Version: WL INSITE R6.6.5 (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		ACRT				NONE				1.5" S.O.				N/A			
Rmc @ Meas. Temp.						@								S-10933411															
Source Rmf		Rmc																											
Rm @ BHT						@																							
Rmf @ BHT						@																							
Rmc @ BHT						@																							
EQUIPMENT DATA																													
GAMMA						ACOUSTIC						DENSITY						NEUTRON											
Run No.		ONE				Run No.		ONE				Run No.		ONE				Run No.		ONE									
Serial No.		11405267				Serial No.		10758088				Serial No.		10865883				Serial No.		11019641									
Model No.		GTET				Model No.		BSAT				Model No.		SDLT				Model No.		DSNT									
Diameter		3.625"				No. of Cent.		2				Diameter		4.5"				Diameter		3.625"									
Detector Model No.		GTET				Spacing		0.5'				Log Type		GAM-GAM				Log Type		NEU-NEU									
Type		SCINT										Source Type		Cs-137				Source Type		Am241Be									
Length		8"				LSA [Y/N]		Y				Serial No.		5406GW				Serial No.		96395B									
Distance to Source		10'				FWDA [Y/N]		Y				Strength		1.78 Ci				Strength		15.0 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	5481'	3500'	REC	0gapi	150gapi	0.3decP	-0.1decP	47.6uspf	0.3decP	-0.1decP	2.71g/cc	0.3decP	-0.1decP	LIME		
ONE	3500'	1783'	REC	0gapi	150gapi	0.3decP	-0.1decP	47.6uspf								
DIRECTIONAL INFORMATION																
Maximum Deviation								@	KOP							@
Remarks: FIRST LOG ON WELL, POSITIVE DEPTH CONTROL APPLIED																
SCALES AND PRESENTATIONS AS PER CLIENT REQUEST																
TOOLS RAN IN COMBINATION AS PER TOOLSTRING DIAGRAM																
HOLE VOLUME CALCULATED FOR 5.5 INCH CASING																
RIG: DUKE DRILLING #9																
CREW: J. JONES. S. WALDROP																
THANK YOU FOR CHOOSNG HALLIBURTON ENERGY SERVICES																
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.																
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Plot Time: 16-Sep-22 12:36:23

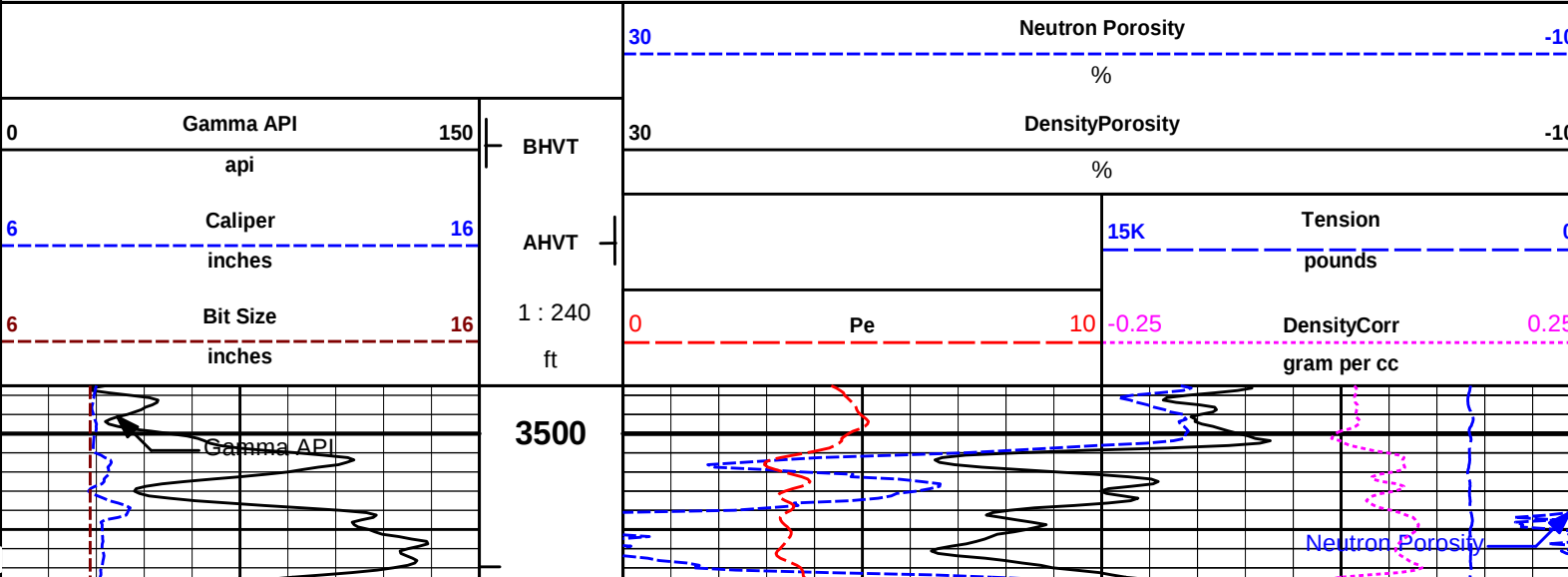
Plot Range: 3495 ft to 5502 ft

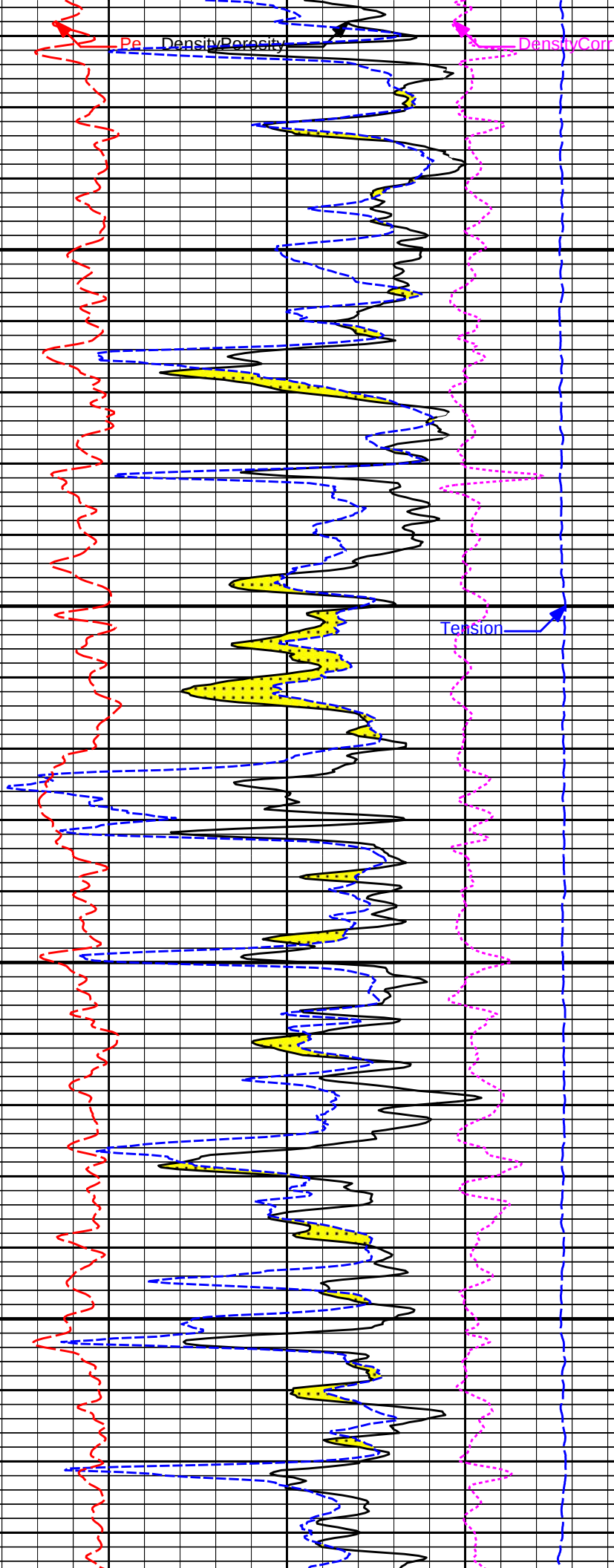
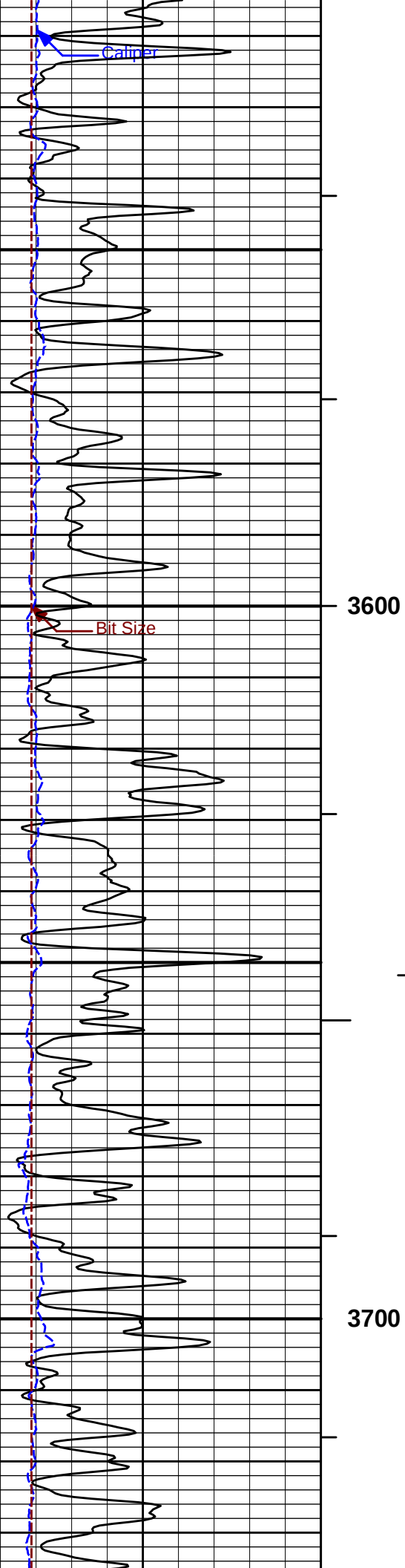
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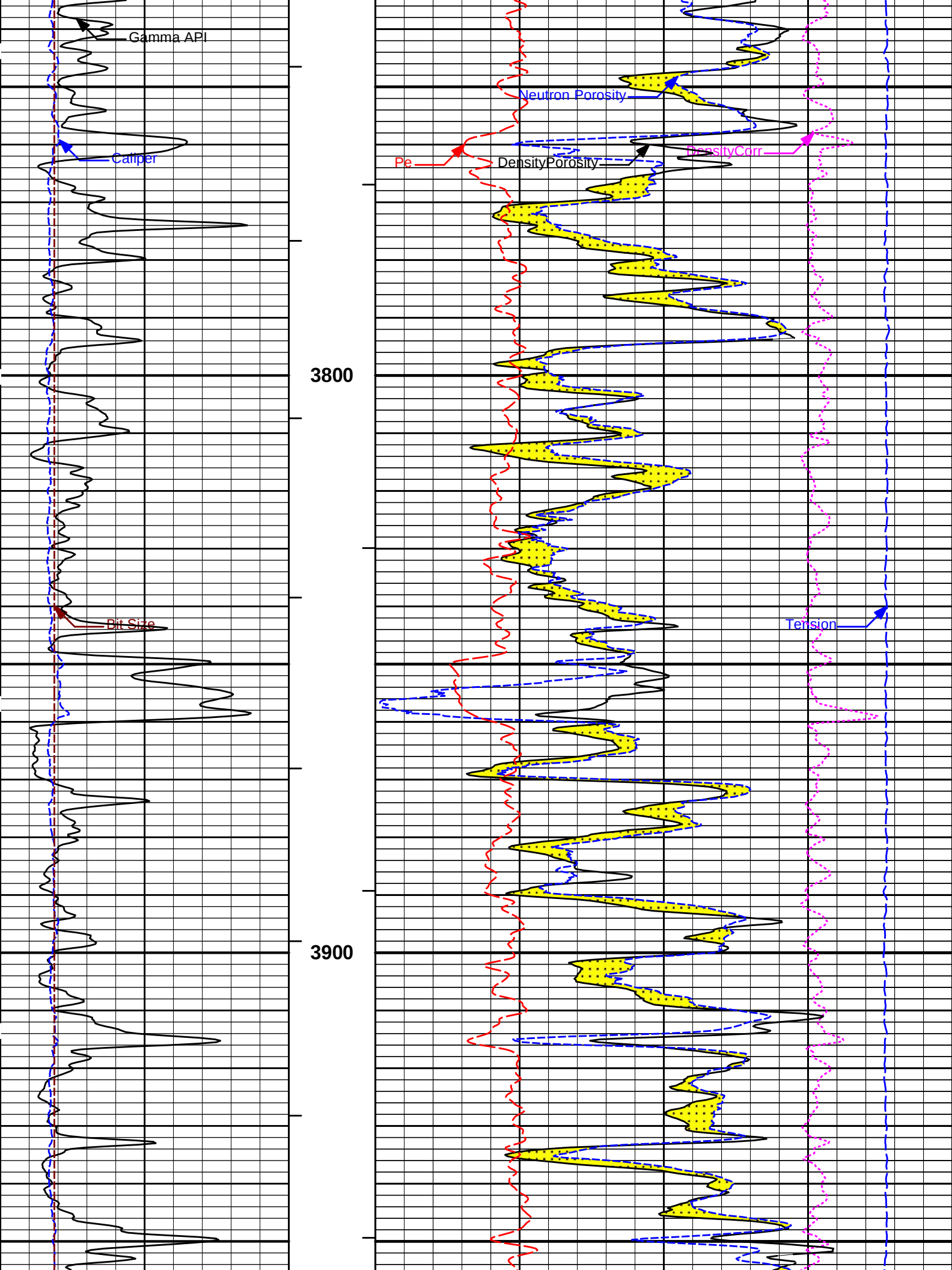
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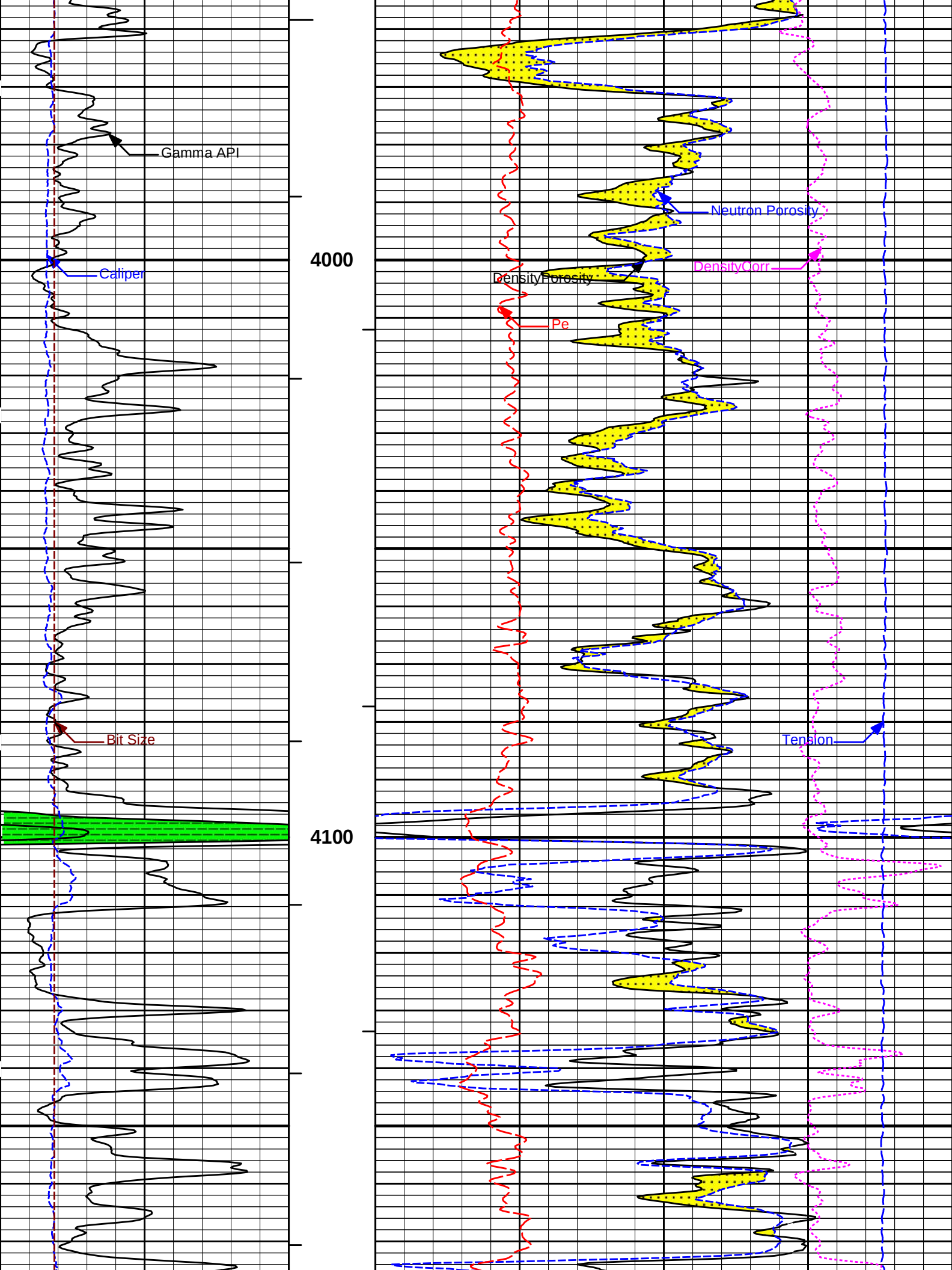
5 INCH MAIN LOG

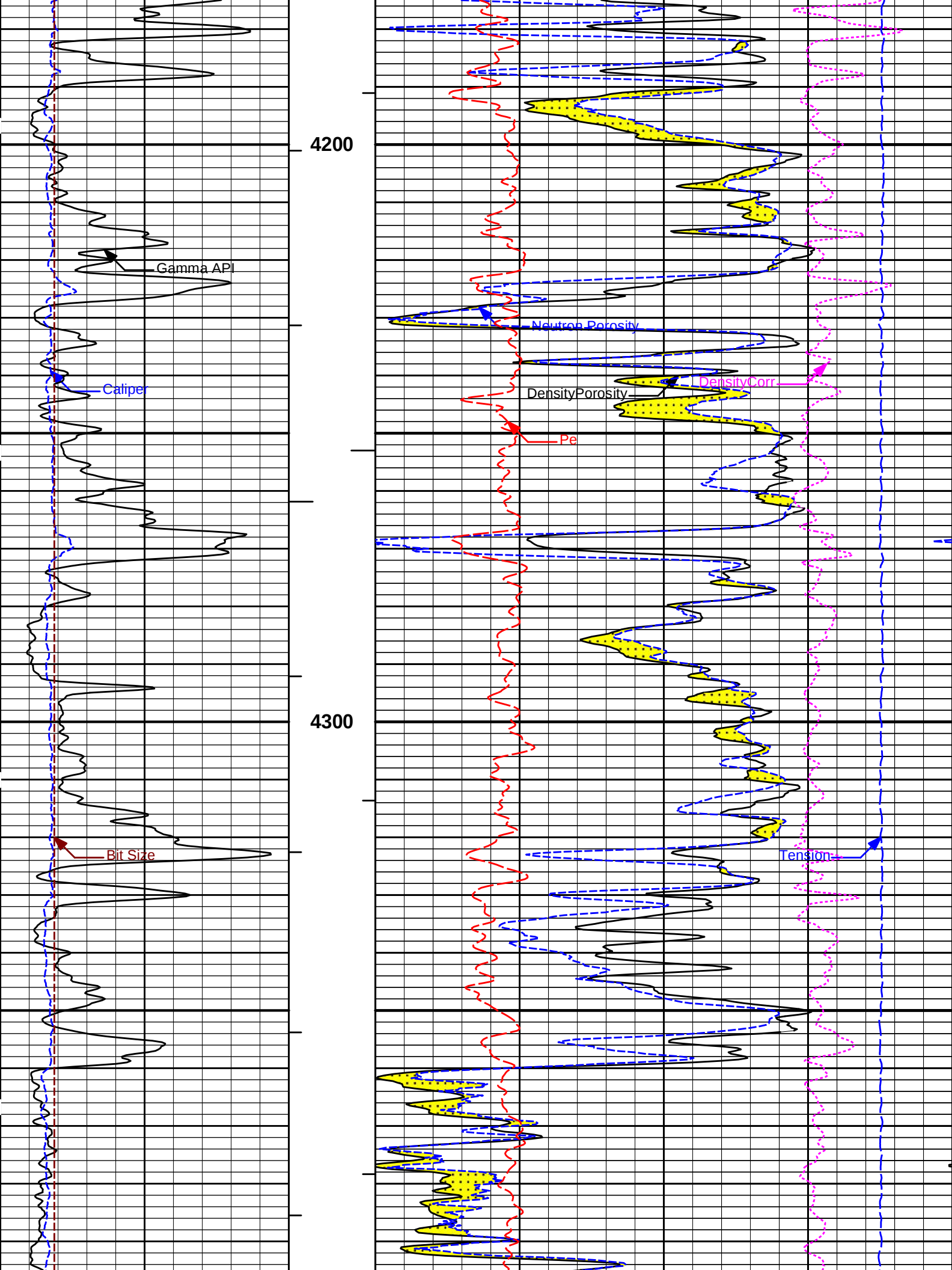
MAIN SECTION 5" PER 100'

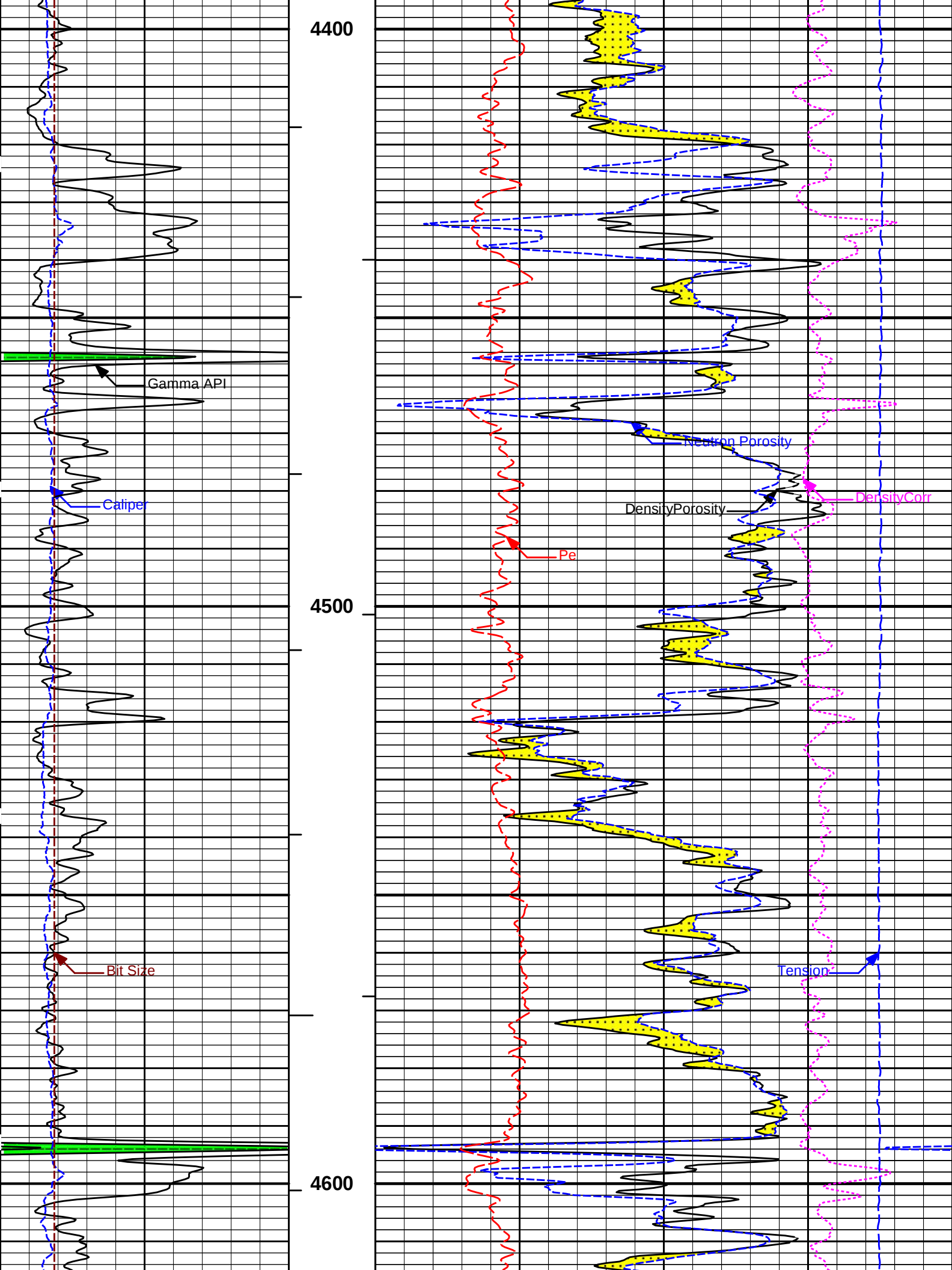


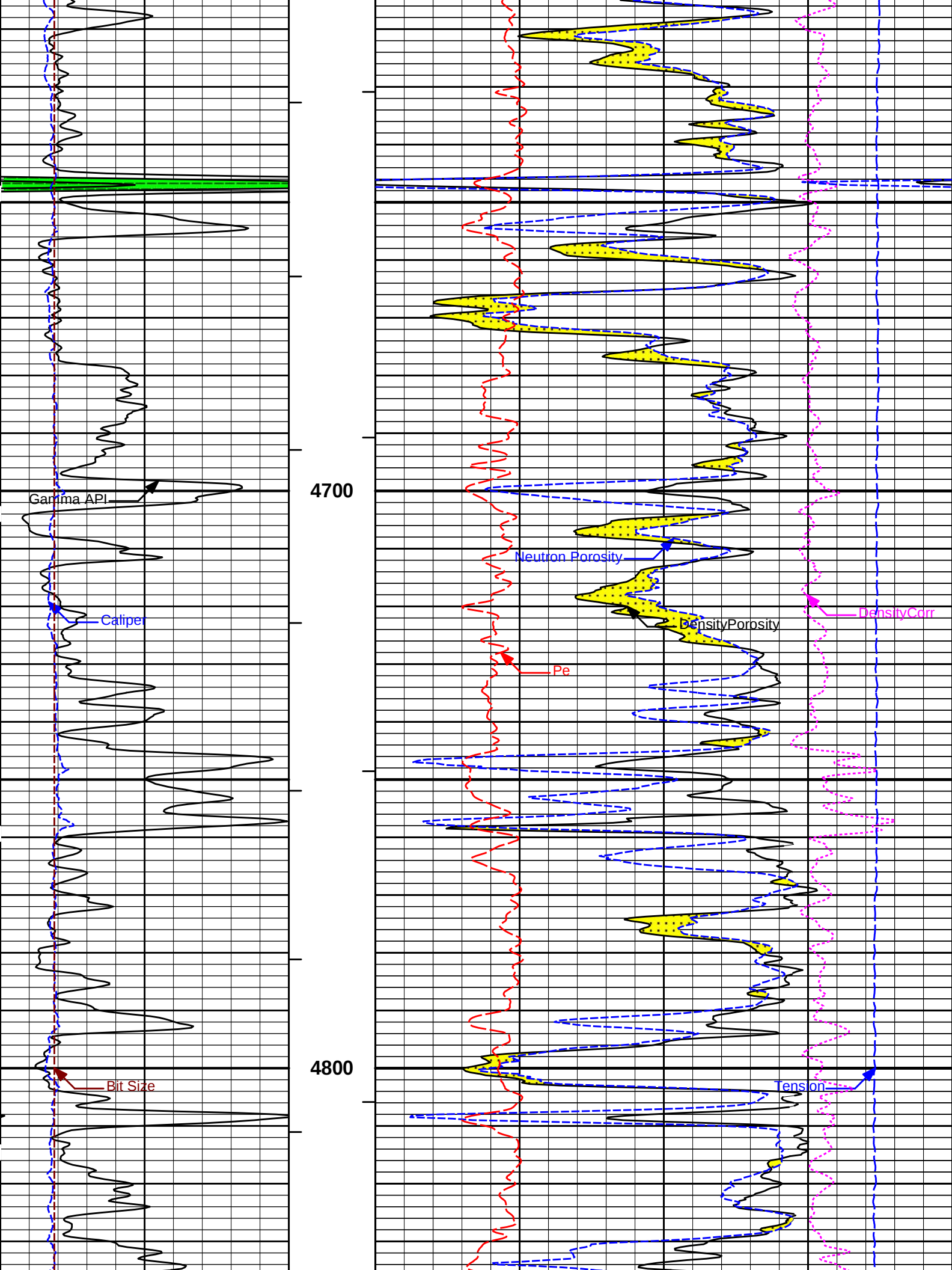


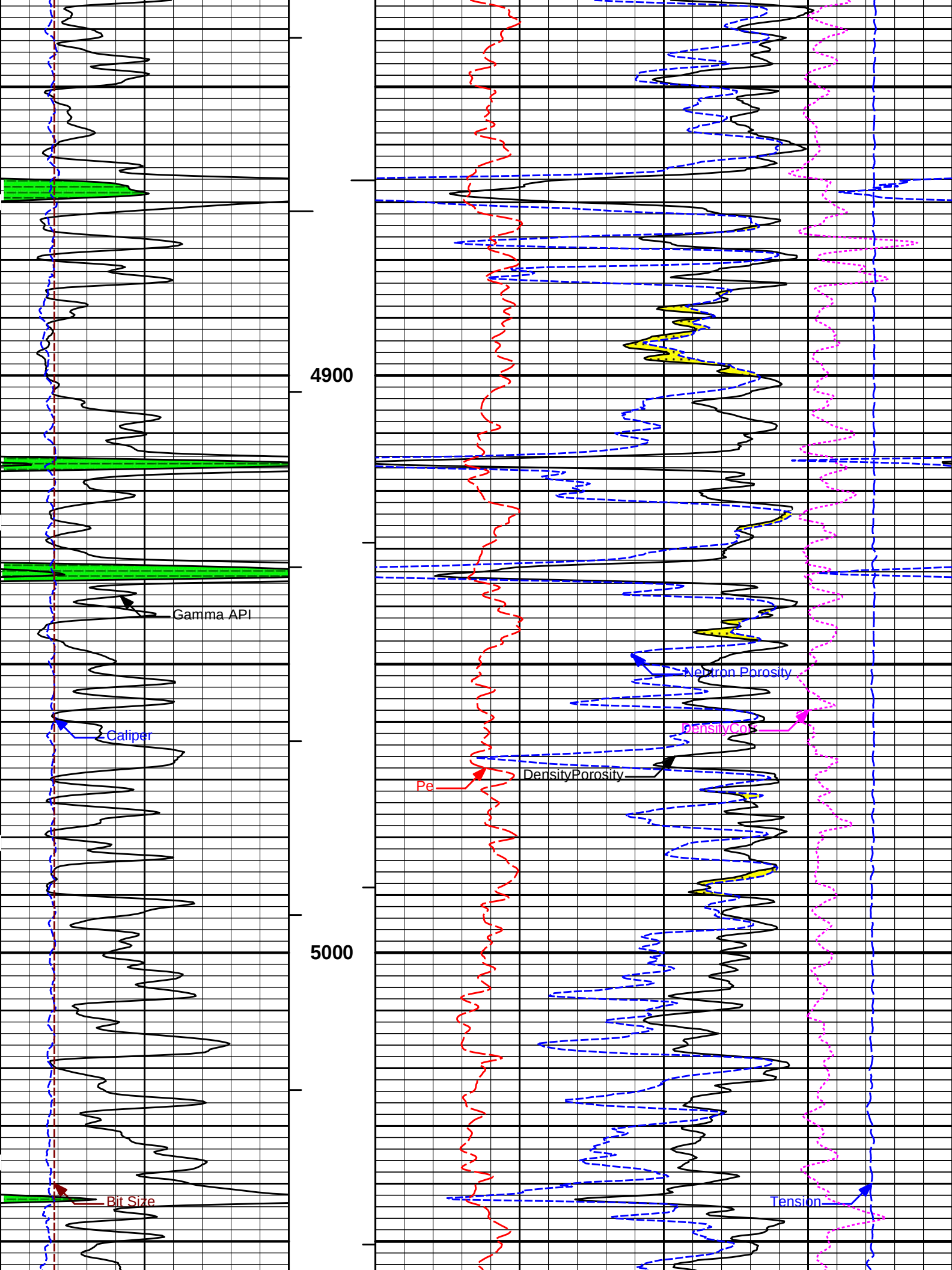


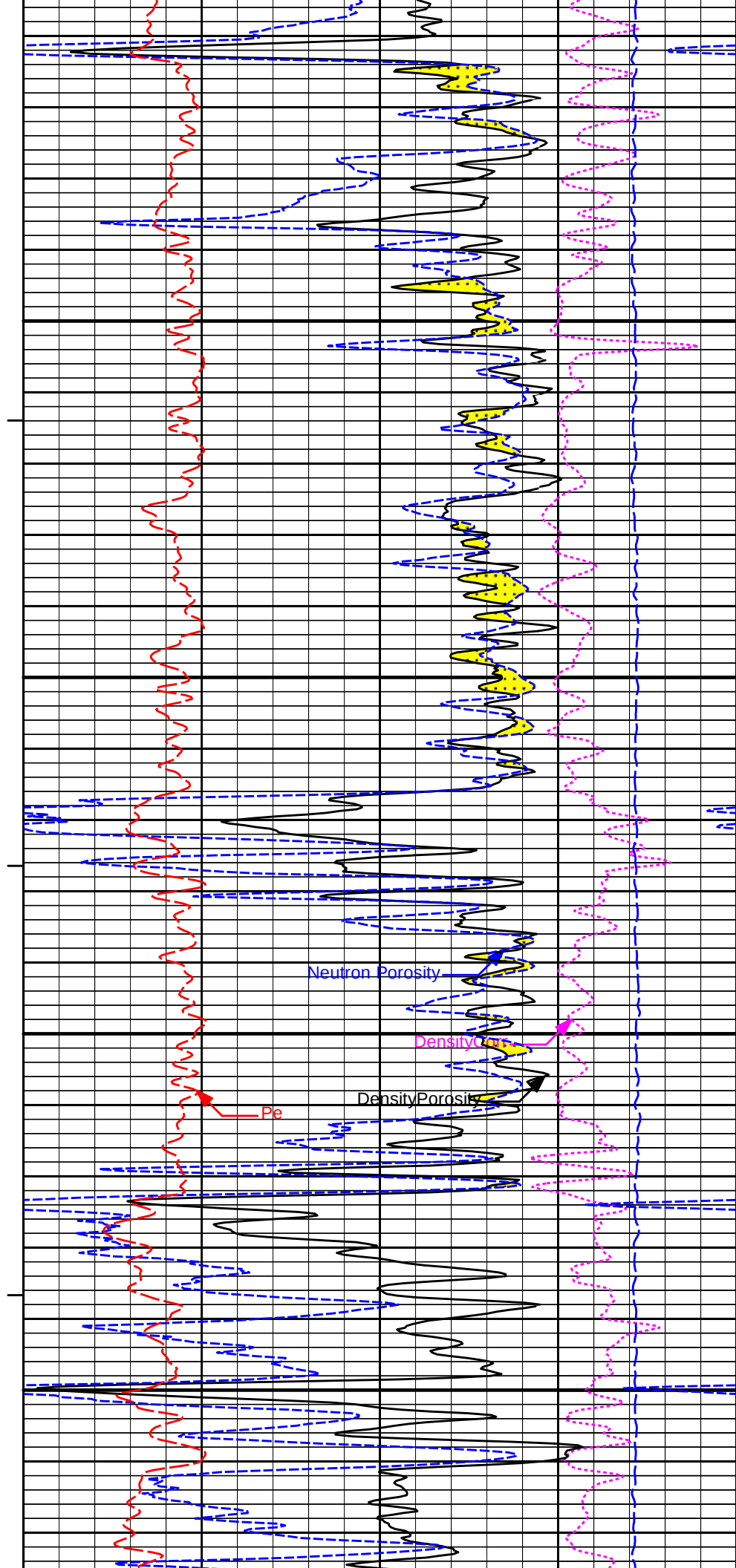
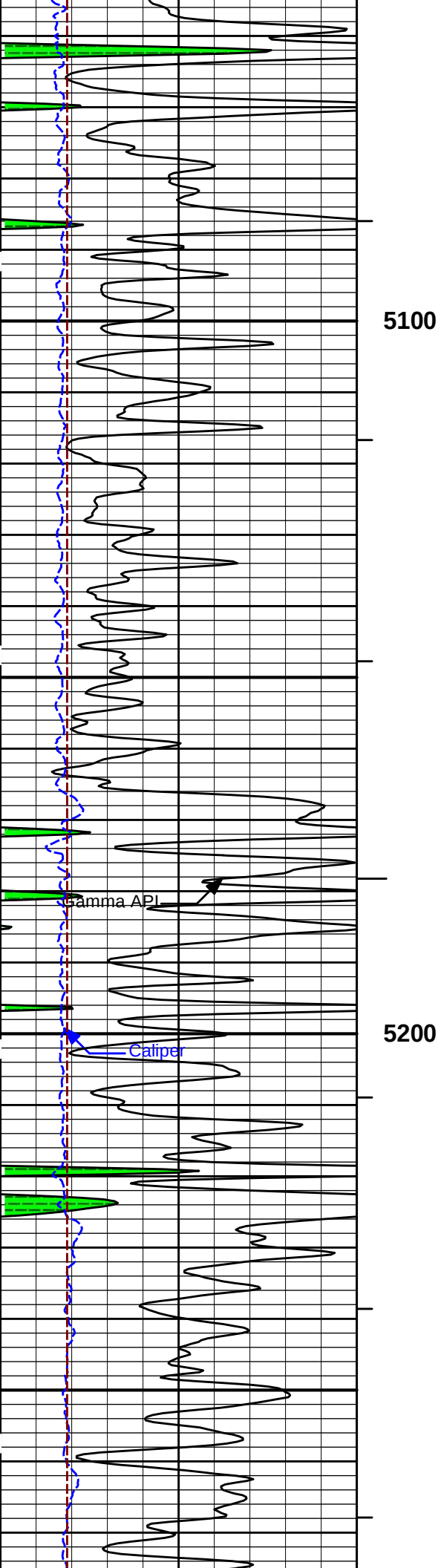


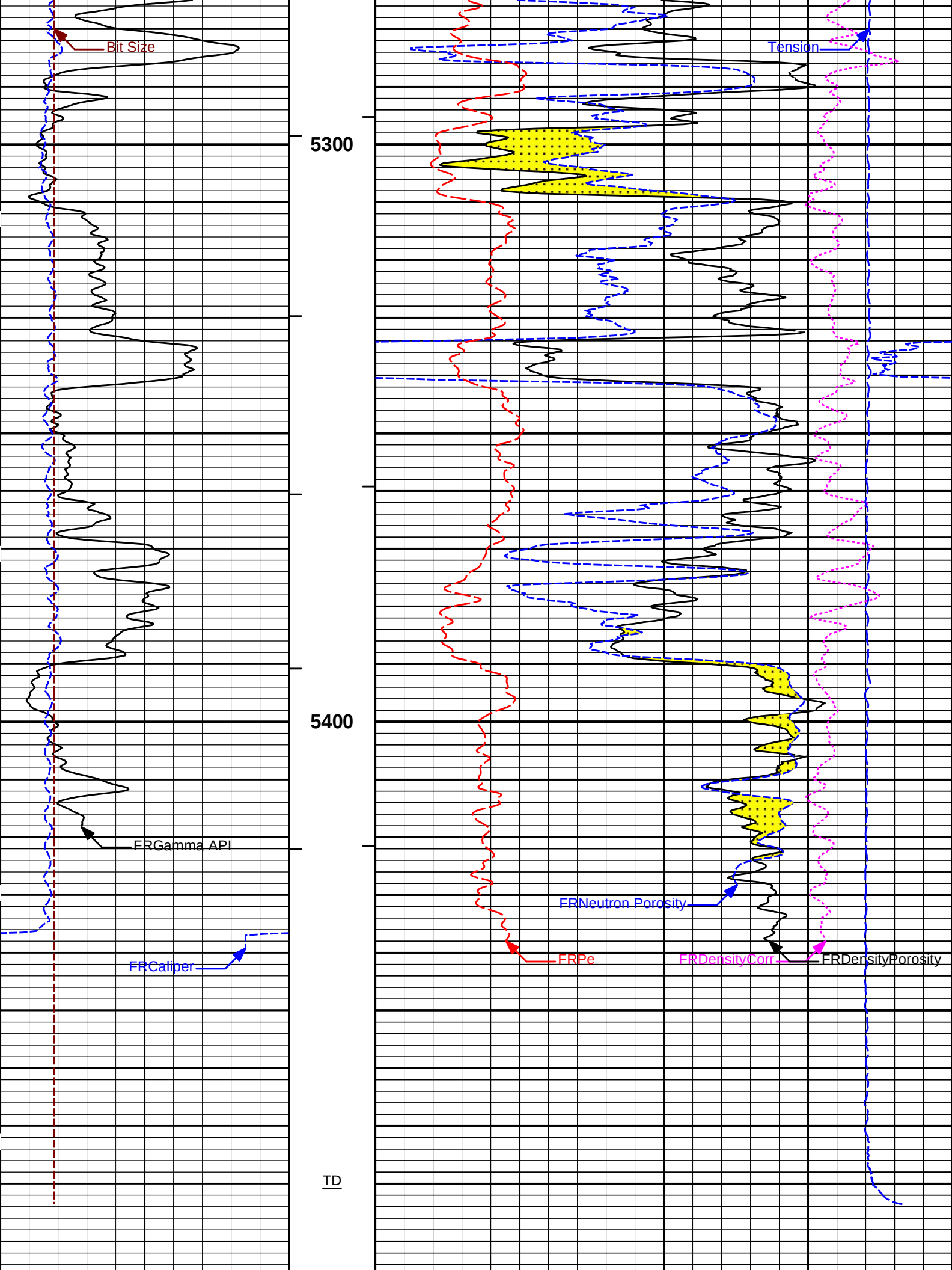


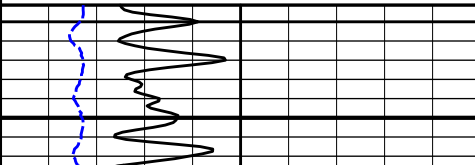
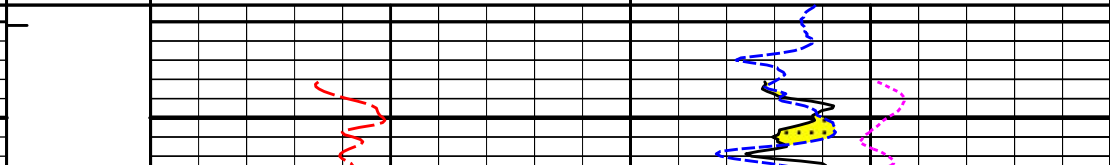


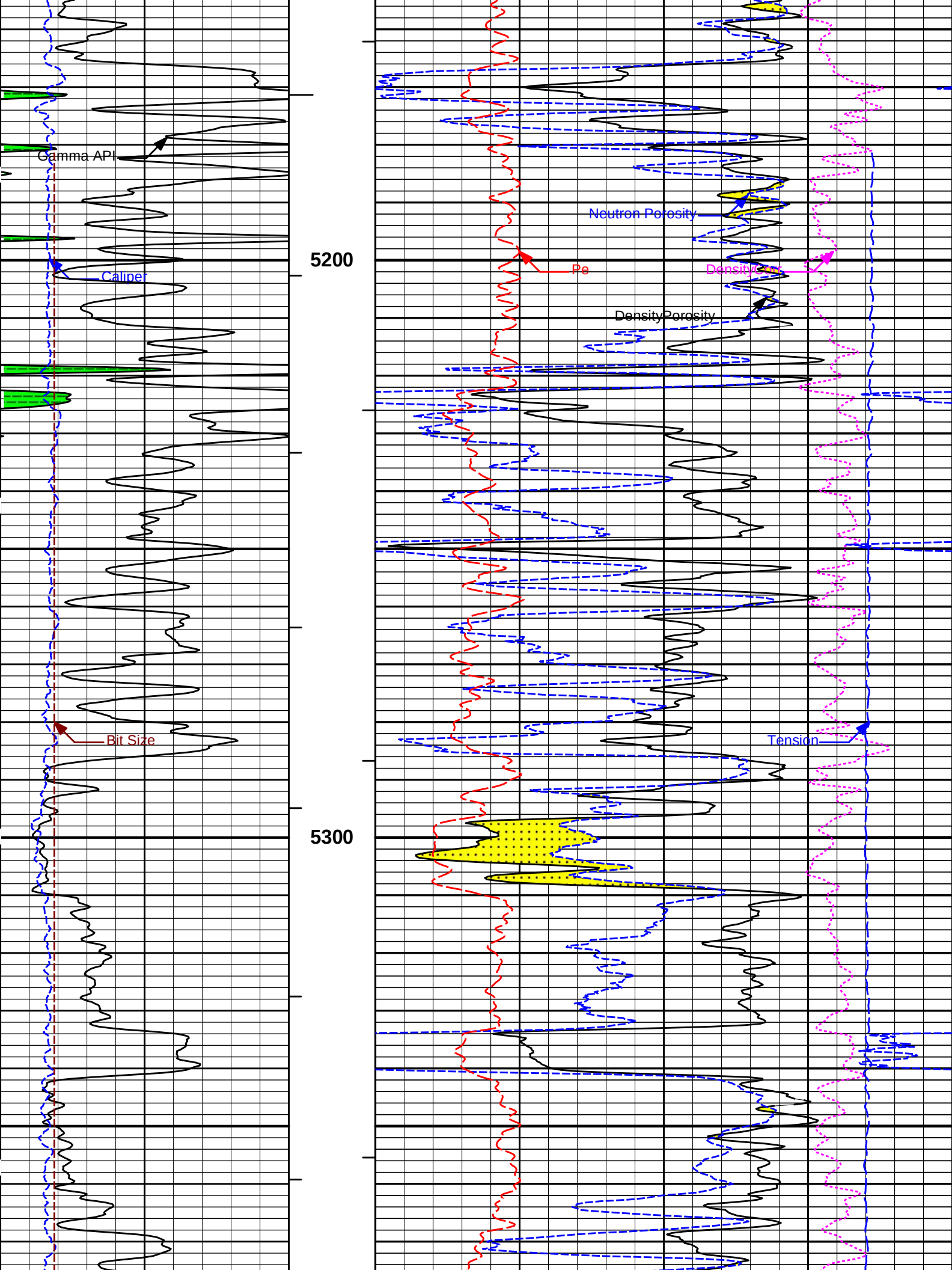


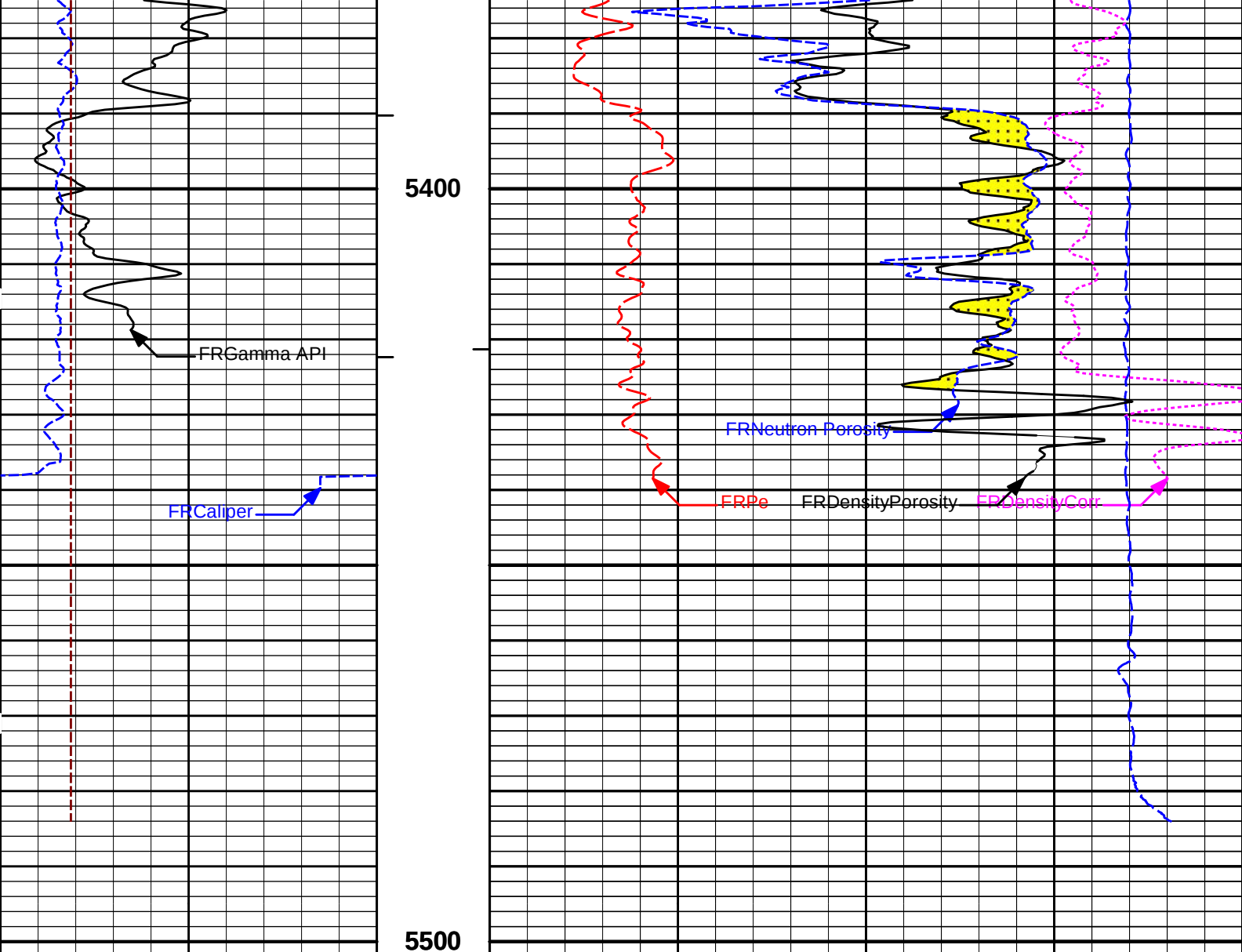






			30Neutron Porosity-10		
			%		
0	Gamma API	150	BHVT	30DensityPorosity-10	
api				%	
6	Caliper	16		AHVT	15KTension0
inches			pounds		
6	Bit Size	16	0Pe10-0.25DensityCorr0.25		
inches				gram per cc	
					





6	Bit Size	16	1 : 240	0	Pe	10	-0.25	DensityCorr	0.25
	inches		ft					gram per cc	
6	Caliper	16	AHVT				15K	Tension	0
	inches							pounds	
0	Gamma API	150	BHVT	30	DensityPorosity				-10
	api				%				
				30	Neutron Porosity				-10
					%				

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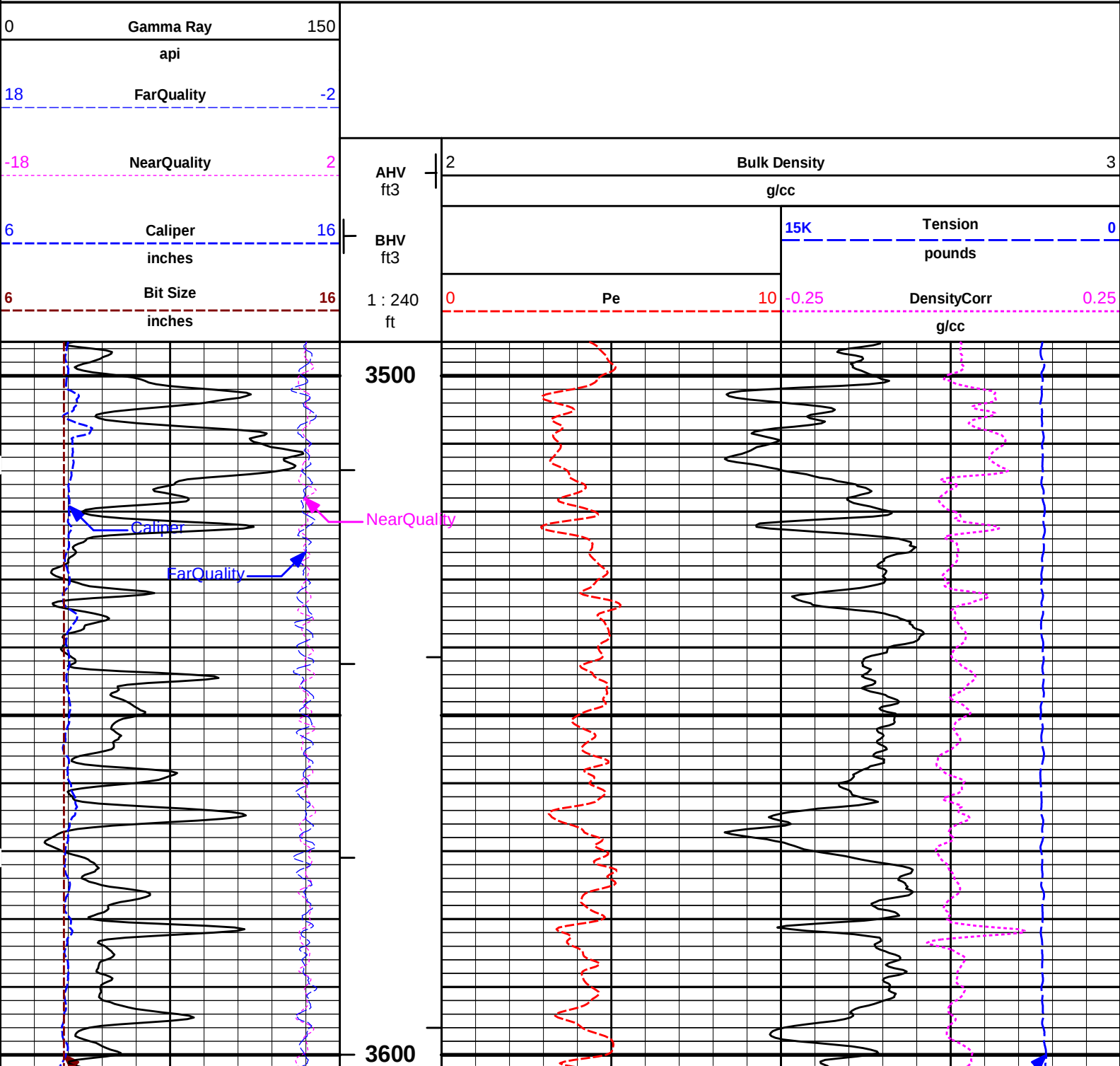
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 Data: 09_16_MERIT\Well Based\DAQ-0001-002\
 Plot File: \\PORO\Porosity_IQ_5 REPEAT

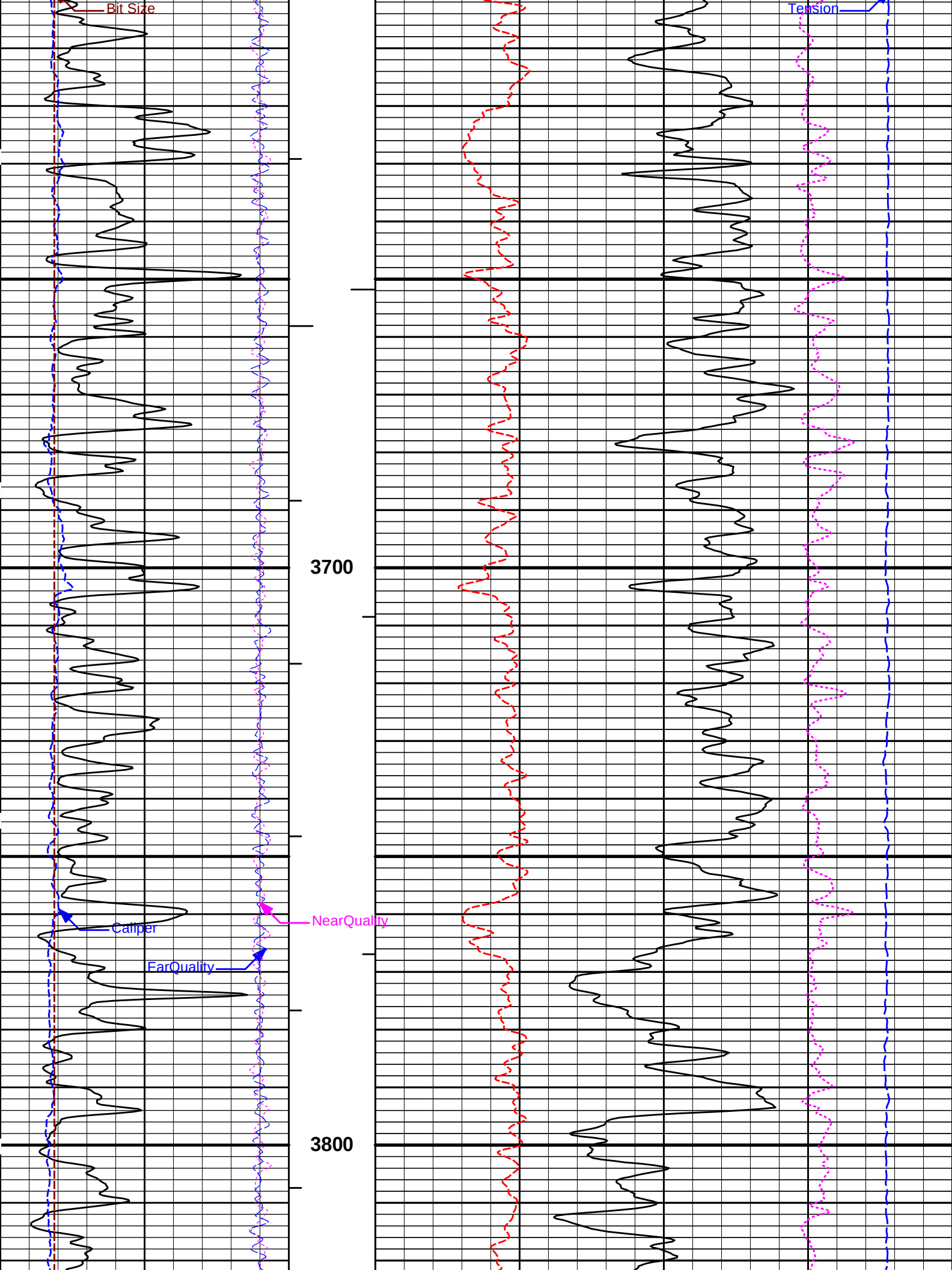
REPEAT SECTION

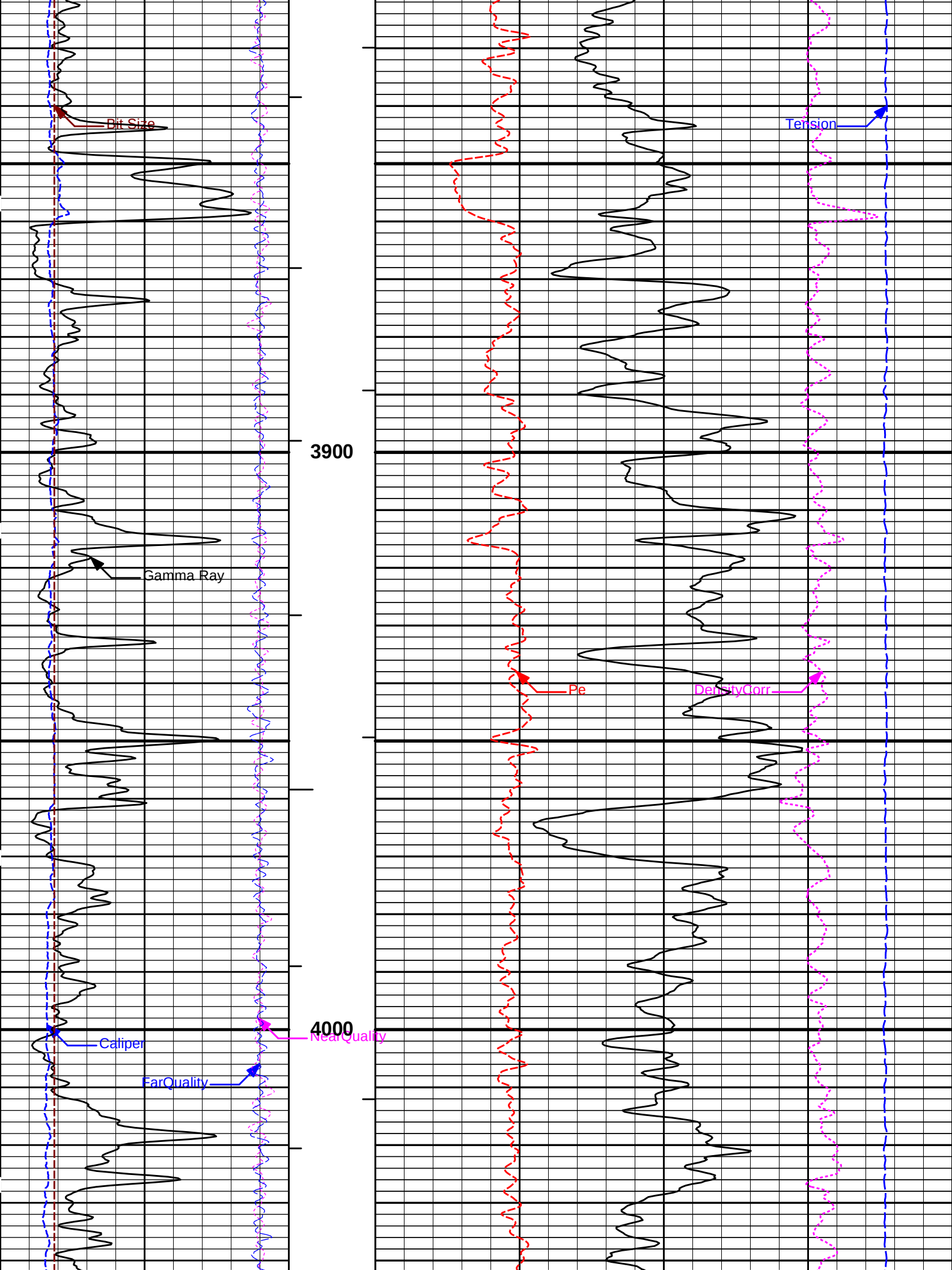
REPEAT SECTION

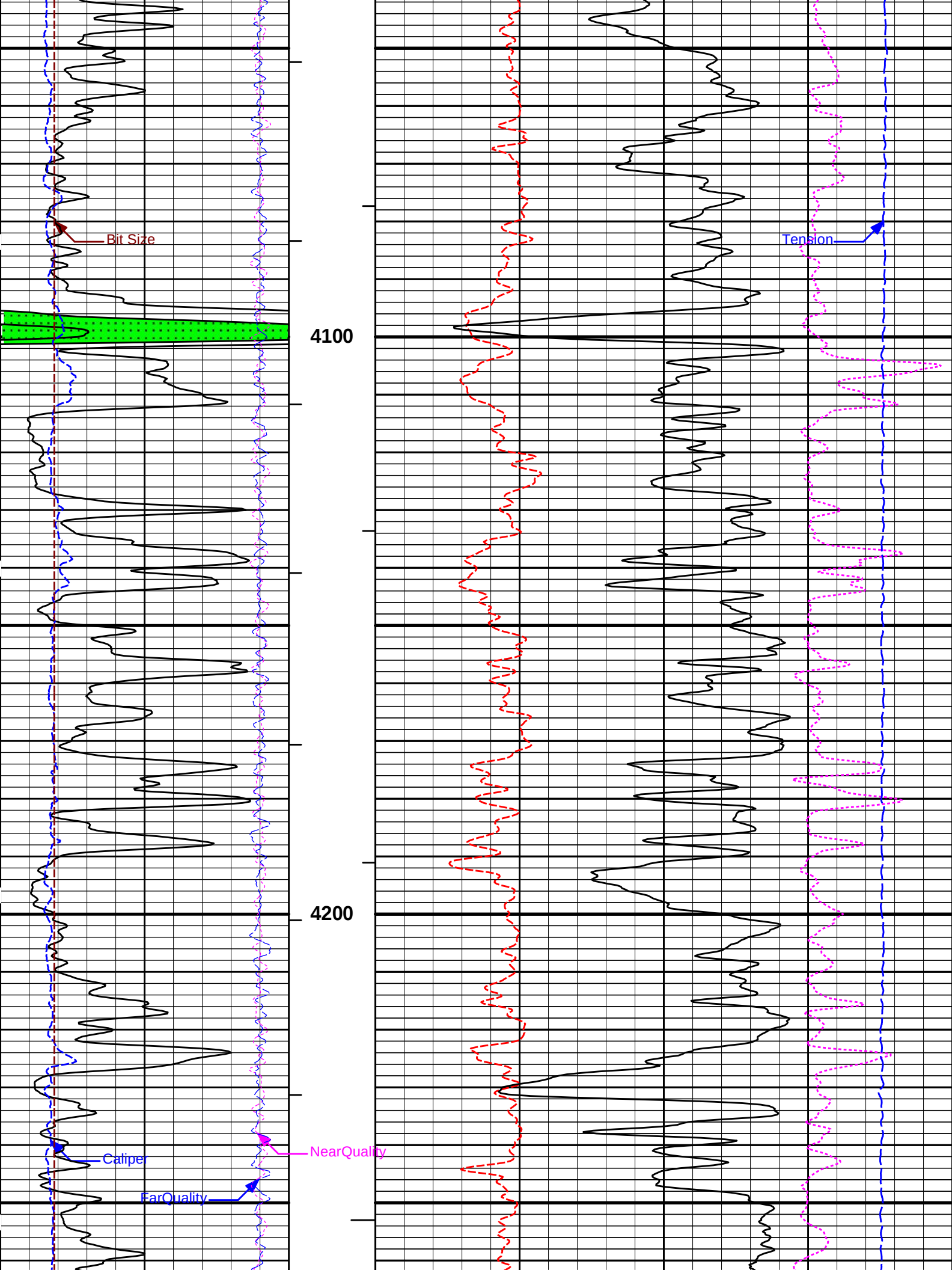
5 INCH MAIN LOG

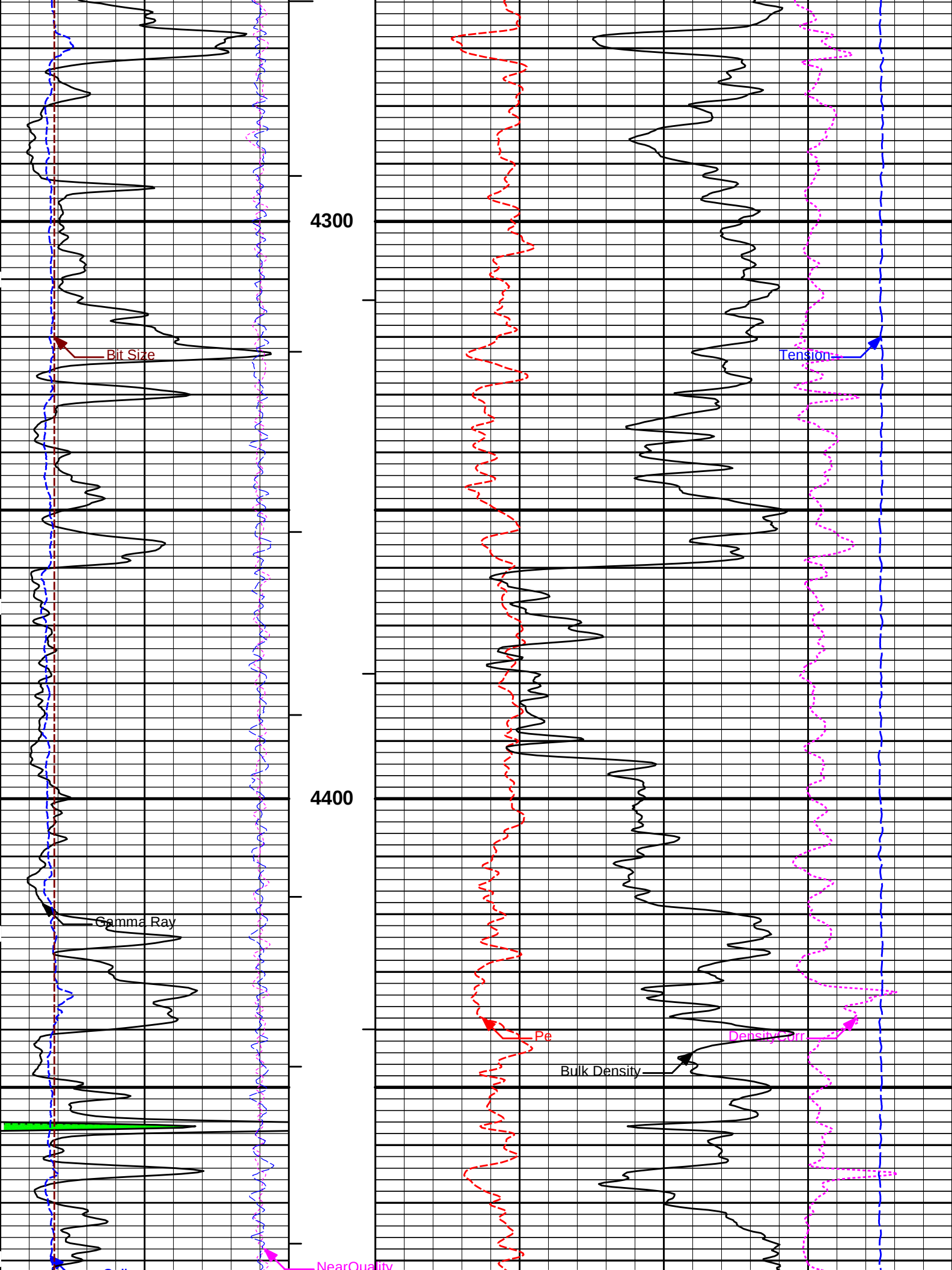
MAIN SECTION 5" PER 100'

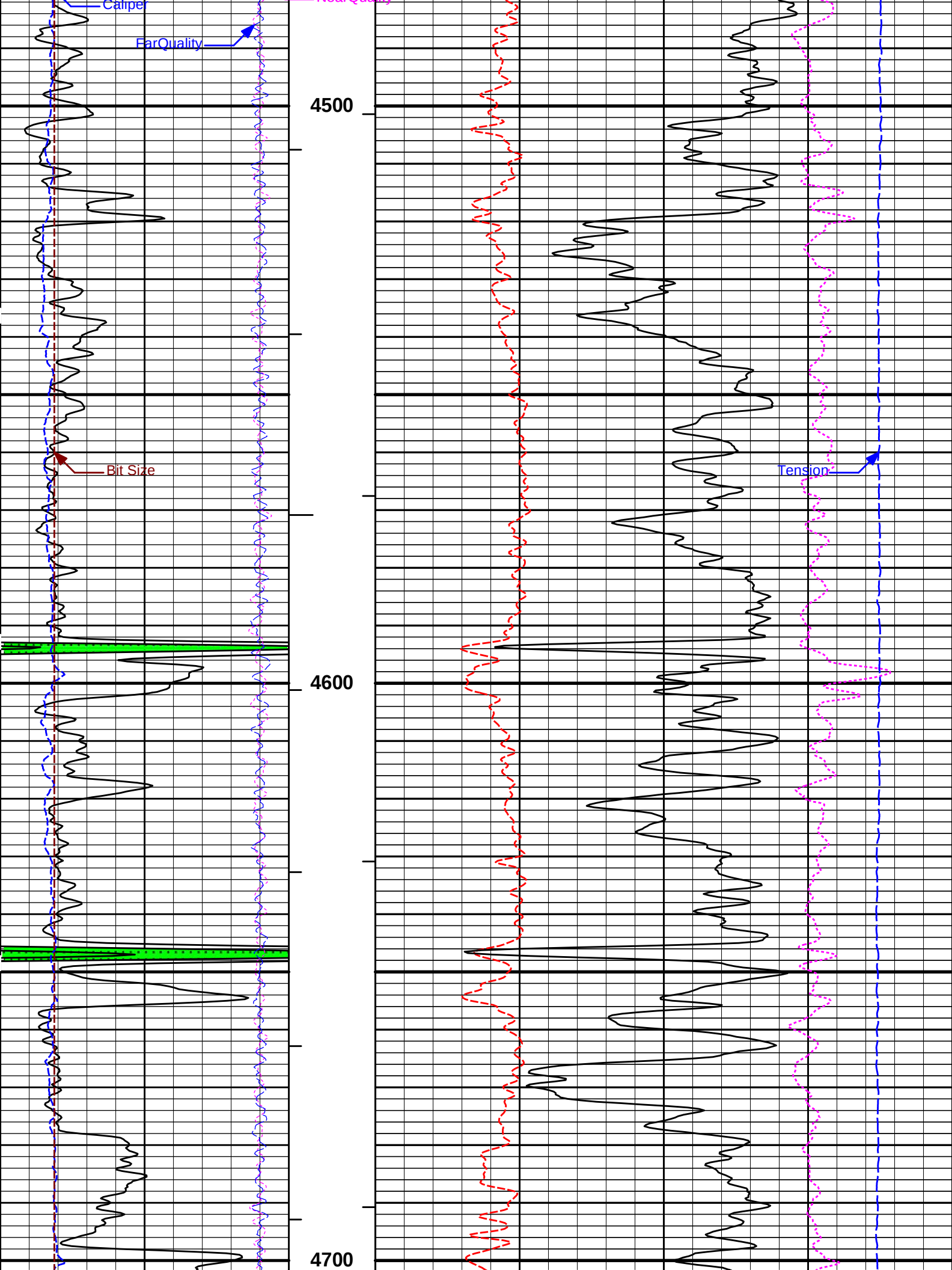


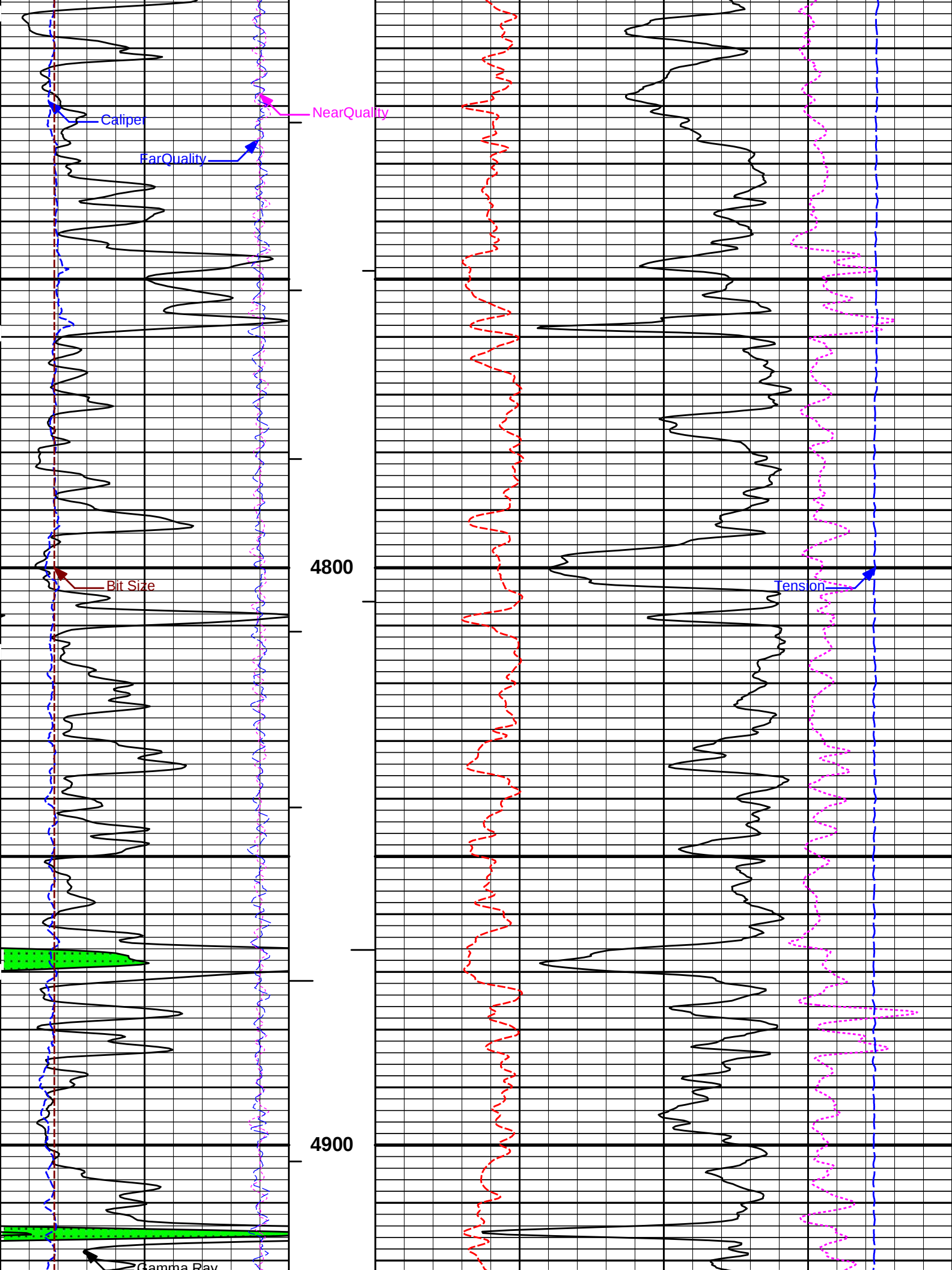


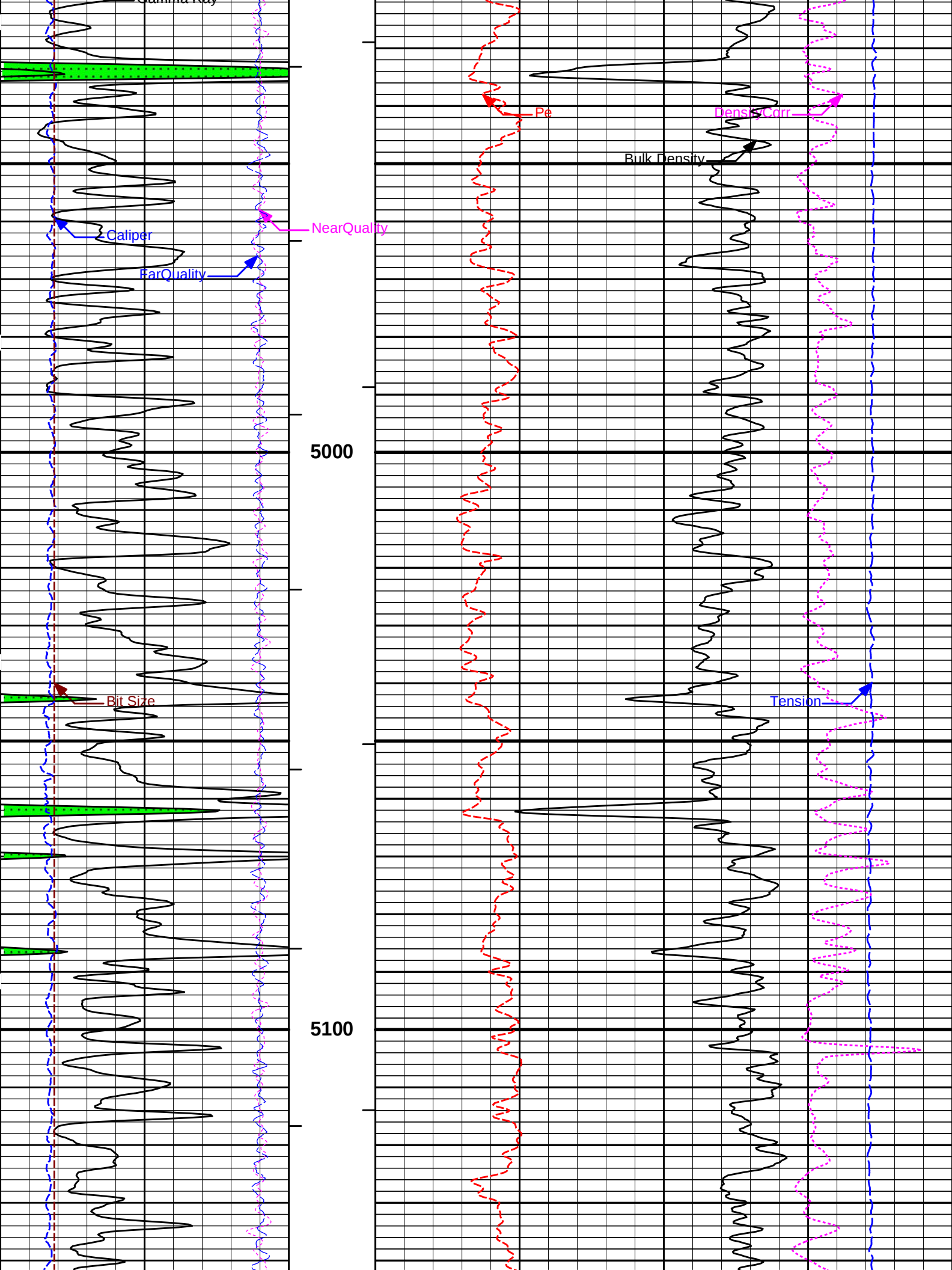


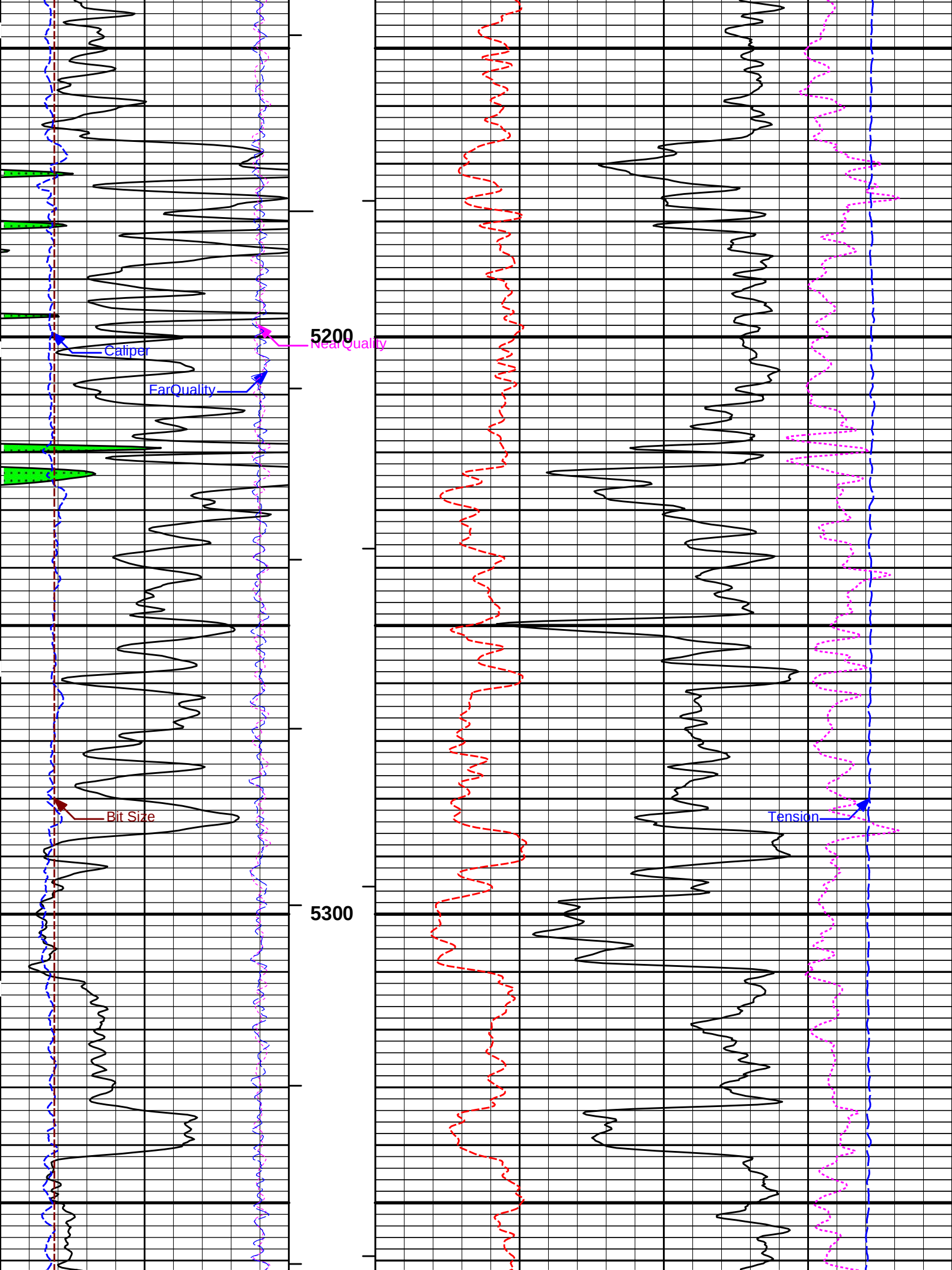


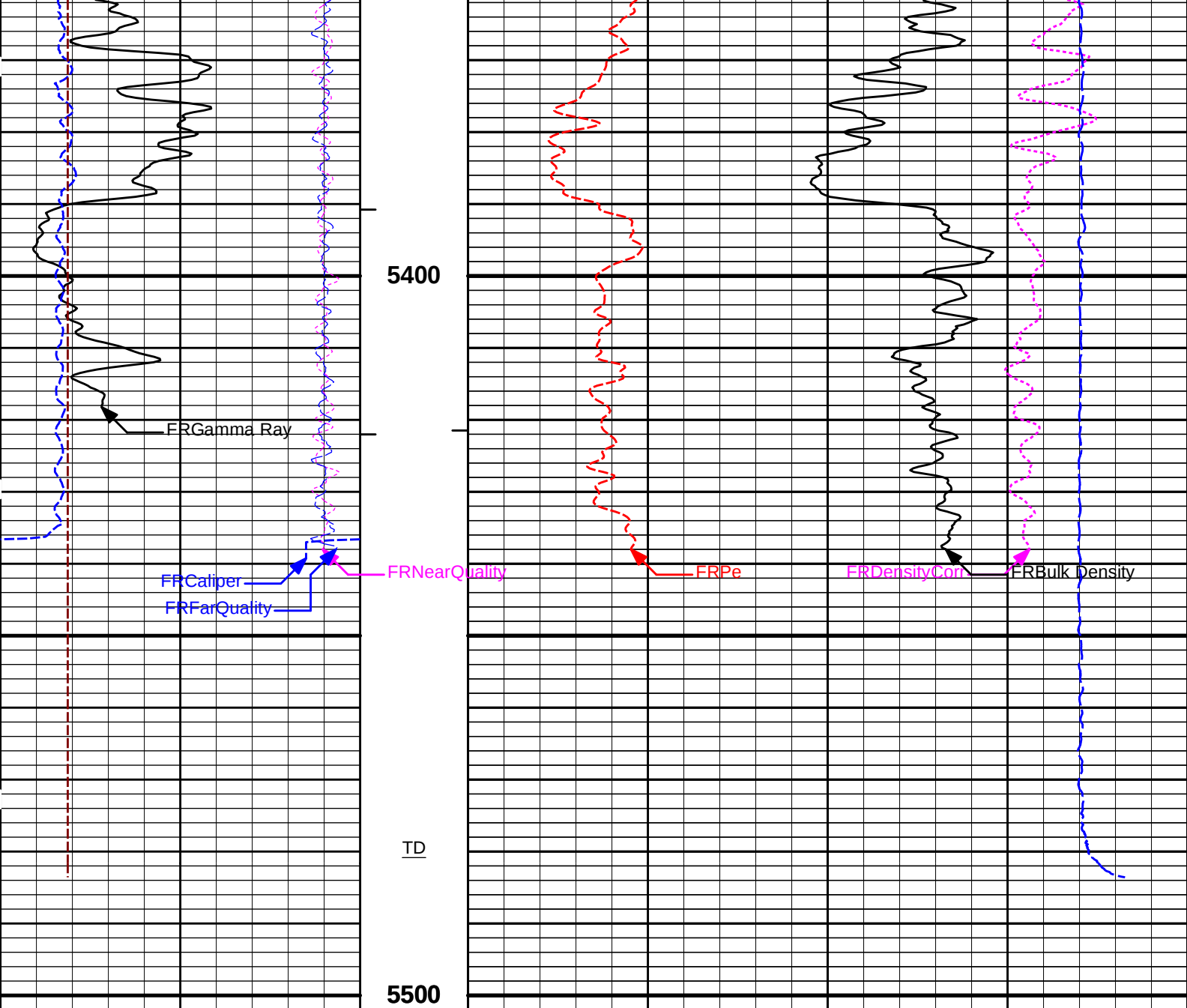












6	Bit Size	16	1 : 240	0	Pe	10	-0.25	DensityCorr	0.25
	inches		ft					g/cc	
6	Caliper	16	BHV				15K	Tension	0
	inches		ft3					pounds	
-18	NearQuality	2	AHV	2	Bulk Density				3
			ft3		g/cc				
18	FarQuality	-2							
0	Gamma Ray	150							
	api								

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Plot Time: 16-Sep-22 12:36:30
 Plot Range: 3495 ft to 5502 ft
 Data: 09_16_MERIT\Well Based\DAQ-0001-003\
 Plot File: \\LOCAL-109_16_MERIT\0001 GTET-DSNT-SDLT-BSAT-ACRT\PORO\BULKD_5_MAIN_IQ

5 INCH MAIN LOG

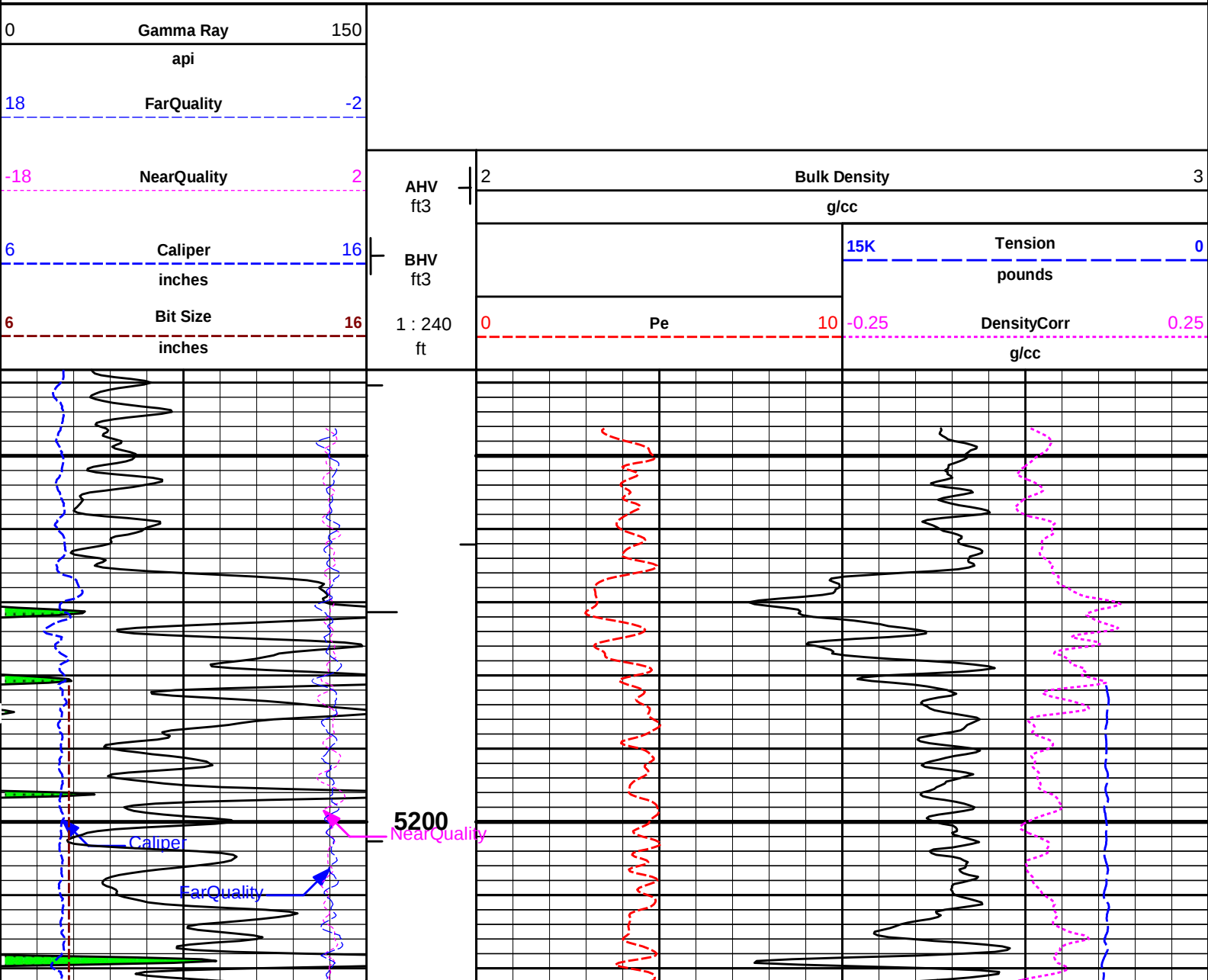
MAIN SECTION 5" PER 100'

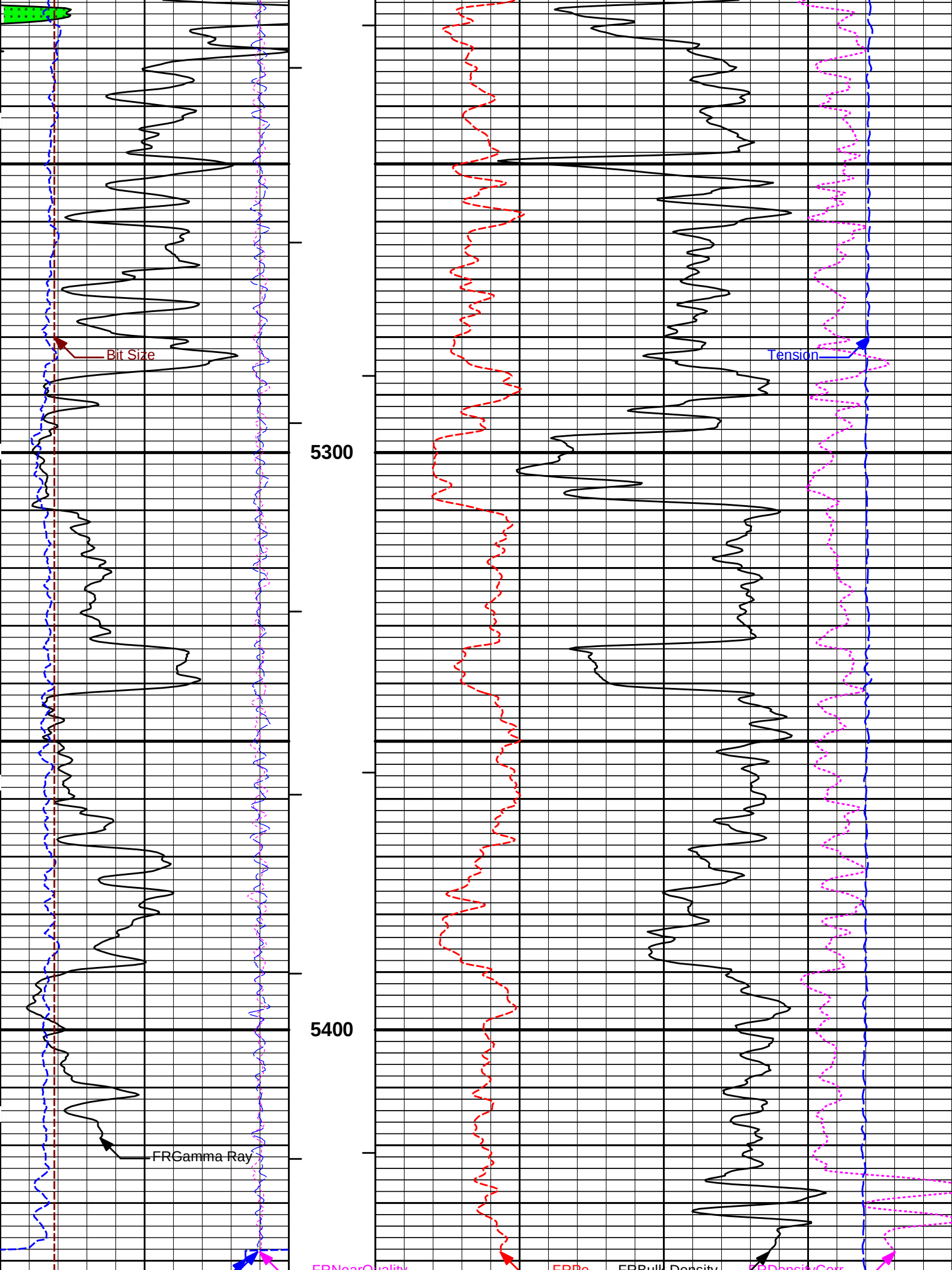
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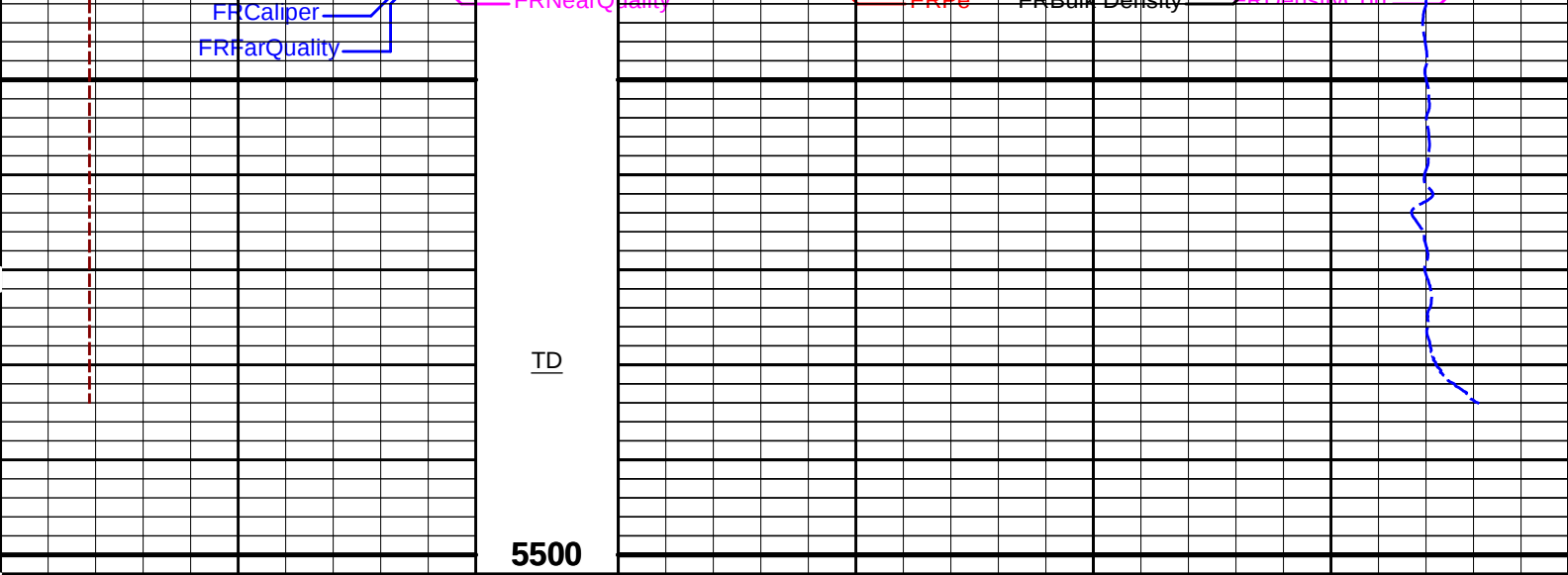
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Plot Range: 5138.25 ft to 5502 ft
Data: 09_16_MERIT\Well Based\DAQ-0001-002\
Plot File: \\LOCAL-109_16_MERIT\0001 GTET-DSNT-SDLT-BSAT-ACRTIPORO\BULKD_5_RPT_IQ

REPEAT SECTION

REPEAT SECTION







6	Bit Size	16	1 : 240 ft	0	Pe	10	-0.25	DensityCorr	0.25	
	inches							g/cc		
6	Caliper	16	BH ft3				15K	Tension	0	
	inches							pounds		
-18	NearQuality	2	AH ft3	2	Bulk Density					3
					g/cc					
18	FarQuality	-2								
0	Gamma Ray	150								
	api									

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Plot Time: 16-Sep-22 12:36:32
Plot Range: 5138.25 ft to 5502 ft
Data: 09_16_MERIT\Well Based\DAQ-0001-002\
Plot File: \\LOCAL-109_16_MERIT\0001 GTET-DSNT-SDLT-BSAT-ACRT\IPORO\BULKD_5_RPT_IQ

REPEAT SECTION

REPEAT SECTION

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PARAMETERS REPORT

Depth (ft)	Tool Name	Mnemonic	Description	Value	Units
TOP					
	SHARED	BS	Bit Size	7.875	in
	SHARED	UBS	Use Bit Size instead of Caliper for all applications.	No	
	SHARED	MDBS	Mud Base	Water	
	SHARED	MDWT	Borehole Fluid Weight	9.300	ppg
	SHARED	WAGT	Weighting Agent	Barite	
	SHARED	BSAL	Borehole salinity	0.00	ppm

SHARED	BSAL	Borehole Salinity	0.00	ppm
SHARED	FSAL	Formation Salinity NaCl	0.00	ppm
SHARED	KPCT	Percent K in Mud by Weight?	0.00	%
SHARED	RMUD	Mud Resistivity	1.300	ohmm
SHARED	TRM	Temperature of Mud	75.0	degF
SHARED	CSD	Logging Interval is Cased?	No	
SHARED	ICOD	AHV Casing OD	5.500	in
SHARED	CSTR	Compressive Strength	1000.00	psia
SHARED	ST	Surface Temperature	75.0	degF
SHARED	TD	Total Well Depth	5391.00	ft
SHARED	BHT	Bottom Hole Temperature	145.0	degF
SHARED	SVTM	Navigation and Survey Master Tool	NONE	
SHARED	AZTM	High Res Z Accelerometer Master Tool	GTET	
SHARED	TEMM	CBM Temperature Master Tool	GTET	
SHARED	MSAL	Water-base mud filtrate salinity	0.00	ppm
Rwa / CrossPlot	XPOK	Process Crossplot?	Yes	
Rwa / CrossPlot	FCHO	Select Source of F	Density	
Rwa / CrossPlot	AFAC	Archie A factor	1.0000	
Rwa / CrossPlot	MFAC	Archie M factor	2.0000	
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	SDLT	
Rwa / CrossPlot	ROIN	Input for RO Calculation	Rwa	
GTET	ACOK	Do ACCZ Calculations?	Yes	
GTET	GROK	Process Gamma Ray?	Yes	
GTET	GEOK	Process Gamma Ray EVR?	No	
GTET	TPOS	Tool Position for Gamma Ray Tools.	Eccentered	
GTET	BHSM	Borehole Size Source Tool	SDLT	
DSNT	DNOK	Process DSN?	Yes	
DSNT	DEOK	Process DSN EVR?	No	
DSNT	NLIT	Neutron Lithology	Limestone	
DSNT	DNSO	DSN Standoff - 0.25 in (6.35 mm) Recommended	0.250	in
DSNT	DNTT	Temperature Correction Type	None	
DSNT	DPRS	DSN Pressure Correction Type	None	
DSNT	SHCO	View More Correction Options	No	
DSNT	UTVD	Use TVD for Gradient Corrections?	No	
DSNT	LHWT	Logging Horizontal Water Tank?	No	
DSNT	UCLA	Classic Neutron Parameter utilized?	No	
DSNT	BHSM	Borehole Size Source Tool	SDLT	
SDLT	CLOK	Process Caliper Outputs?	Yes	
Microlog Pad	MLOK	Process MicroLog Outputs?	Yes	
SDLT Pad	DNOK	Process Density?	Yes	
SDLT Pad	DNOK	Process Density EVR?	No	
SDLT Pad	CB	Logging Calibration Blocks?	No	
SDLT Pad	SPVT	SDLT Pad Temperature Valid?	Yes	
SDLT Pad	DTWN	Disable temperature warning	No	
SDLT Pad	DMA	Formation Density Matrix	2.710	g/cc
SDLT Pad	DFL	Formation Density Fluid	1.000	g/cc
SDLT Pad	BHSM	Borehole Size Source Tool	SDLT	

Measurement	Measured	Calibrated	Units
Background	19.1	17.9	api
Background + Calibrator	238.9	224.5	api
Calibrator	219.9	206.6	api

DUAL SPACED NEUTRON SHOP CALIBRATION

Tool Name: DSNT - 11019641

Reference Calibration Date: 19-Aug-22 17:45:26

Engineer: J. Cabanzo

Calibration Date: 19-Aug-22 18:08:05

Software Version: WL INSITE R6.6.7 (Build 8)

Calibration Version: 1

Logging Source S/N: 96395B

Tank Serial Number: 10585331

Reference value assigned to Tank: 54.090

Snow Block S/N: 2

Calibration Tank Water Temperature: 86 degF

Min. Tool Housing Outside Diameter: 3.625 in

CALIBRATION CONSTANTS			
Measurement	Prev. Value	New Value	Control Limit On New Value
Gain:	0.95915	0.96288	0.900 - 1.100

WATER TANK SUMMARY (Horizontal Water Tank)				
Measurement	Current Reading (Previous Coef.)	Calibrated (New Coef.)	Change	Control Limit On Change
Porosity (decp):	0.2233	0.2244	0.0012	+/- 0.0020
Calibrated Ratio:	10.1421	10.1815	0.039	+/- 0.050

VERIFIER		
Measurement	Value	Control Limit
Snow-Block Porosity (decp):	0.0589	0.02000 - 0.09000

PASS/FAIL SUMMARY	
Background Check:	Passed
Gain-Range Check:	Passed
Snow-Block Check:	Passed

DENSITY CALIPER SHOP CALIBRATION

Tool Name: SDLT - 10695352

Reference Calibration Date: 19-Aug-22 15:31:53

Engineer: J. Cabanzo

Calibration Date: 19-Aug-22 15:37:09

Software Version: WL INSITE R6.6.7 (Build 8)

Calibration Version: 1

Host Tool Name: DSNT - 11019641

CALIBRATION COEFFICIENTS			
Measurement	Previous Value	New Value	Control Limit On New Value
Pad Offset	-2934.34	-3021.58	-7000.00 - -1000.00
Pad Gain	0.0003900	0.0003927	0.0002000 - 0.0006000
Arm Offset	-3023.74	-2984.46	-5000.00 - 3000.00
Arm Gain	0.0005200	0.0005114	0.000300 - 0.000700
Arm Power	-0.000005411	-0.000004687	-0.000010000 - 0.000010000

The ring diameter is computed from: DIAMETER = PAD EXTENSION + ARM EXTENSION + TOOL DIAMETER

Tool Diameter: 4.50 in

CALIBRATION RINGS	
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Measurement	Current Reading (Previous Coeff.)	Calibrated (New Coeff.)	Change	Control Limit On New Value
PAD EXTENSION:				
Small Ring (in)	2.02	2.00	-0.02	+/- 0.20
Medium Ring (in)	3.76	3.75	-0.01	+/- 0.20
RING DIAMETER:				
Small Ring (in)	6.54	6.50	-0.04	+/- 0.20
Medium Ring (in)	8.30	8.25	-0.05	+/- 0.20
Large Ring (in)	15.00	15.00	0.00	+/- 0.20
PASS/FAIL SUMMARY				
Calibration-Coefficients Range Check:			Passed	
Ring-Measurement Check:			Passed	
PASS/FAIL SUMMARY				
Calibration-Coefficients Range Check:			Passed	

MICRO LOG SHOP CALIBRATION			
Tool Name:	Microlog Pad - 10695352	Reference Calibration Date:	01-Jan-70 00:00:00
Engineer:	J. Cabanzo	Calibration Date:	19-Aug-22 15:26:27
Software Version:	WL INSITE R6.6.7 (Build 8)	Calibration Version:	1
Host Tool Name:	DSNT - 11019641		

CALIBRATION COEFFICIENT SUMMARY					
Measurement	Micro Log Normal		Micro Log Lateral		Units
	Measured	Calibrated	Measured	Calibrated	
Tool Zero	-0.07	-0.07	-0.01	-0.01	ohmm
Calibration Point #1	0.00	0.00	0.00	0.00	ohmm
Calibration Point #2	20.00	20.00	20.00	20.00	ohmm
Internal Reference	19.94	19.94	20.00	20.00	ohmm
Measurement	Micro Log Normal Tool Value		Micro Log Lateral Tool Value		Units
Tool Zero	-0.45		0.37		V
Calibration Point #1	18.50		2.58		V
Calibration Point #2	5343.13		6962.23		V
Internal Reference	5326.46		6962.38		V

SPECTRAL DENSITY SHOP CALIBRATION				
Tool Name:	SDLT Pad - 10865883	Reference Calibration Date:	18-Aug-22 15:18:35	
Engineer:	J. Cabanzo	Calibration Date:	18-Aug-22 15:40:41	
Software Version:	WL INSITE R6.6.7 (Build 8)	Calibration Version:	1	

Logging Source S/N: 5406GW

Aluminum Block S/N: 10585329

Magnesium Block S/N: 10585330

Density: 2.595g/cc

Density: 1.679g/cc

Pe: 3.270

Pe: 2.580

DENSITY CALIBRATION SUMMARY			
Measurement	Previous Value	New Value	Control Limit
Near Bar Gain	1.0268	1.0413	0.90 - 1.10
Near Dens Gain	1.0028	1.0178	0.90 - 1.10
Near Peak Gain	1.0111	1.0223	0.90 - 1.10
Near Lith Gain	0.9937	1.0032	0.90 - 1.10
Far Bar Gain	1.0130	1.0125	0.90 - 1.10
Far Dens Gain	1.0018	1.0019	0.90 - 1.10
Far Peak Gain	0.9999	0.9999	0.90 - 1.10

Far Peak Gain	0.9966	0.9966	0.90 - 1.10
Far Lith Gain	0.9721	0.9764	0.90 - 1.10
Near Bar Offset	0.0440	-0.0871	NONE
Near Dens Offset	0.2346	0.1031	NONE
Near Peak Offset	0.1484	0.0544	NONE
Near Lith Offset	0.2572	0.1772	NONE
Far Bar Offset	0.0901	0.0959	NONE
Far Dens Offset	0.1963	0.1949	NONE
Far Peak Offset	0.2260	0.2243	NONE
Far Lith Offset	0.3754	0.3427	NONE
Near Bar Background	926.68	925.11	700 - 1450
Near Dens Background	305.57	305.68	230 - 480
Near Peak Background	132.20	132.48	100 - 210
Near Lith Background	164.41	164.83	125 - 260
Far Bar Background	582.80	586.26	450 - 900
Far Dens Background	228.90	229.53	175 - 345
Far Peak Background	90.63	91.49	70 - 140
Far Lith Background	94.02	94.43	75 - 145

CALIBRATION BLOCK SUMMARY				
Measurement	Current Reading (Previous Coef)	Calibrated (New Coef)	Change	Control Limit On Change
MAGNESIUM				
Density (g/cc)	1.678	1.678	0.000	+/- 0.015
Pe	2.546	2.552	0.006	+/- 0.150
ALUMINUM				
Density (g/cc)	2.596	2.595	-0.001	+/- 0.01500
Pe	3.221	3.228	0.007	+/- 0.150

TOOL SUMMARY				
Measurement	Near Detector		Far Detector	
	Value	Control Limits	Value	Control Limits
QUALITY				
Background	0.0014	+/- 0.0110	0.0003	+/- 0.0140
Magnesium Block	-0.0006	+/- 0.0110	-0.0014	+/- 0.0140
Aluminum Block	-0.0004	+/- 0.0110	-0.0004	+/- 0.0140
Resolution	8.83	6.00 - 11.50	8.98	6.00 - 11.50
Internal Verifier(B+D+P+L)	1528	1200 - 2700	1002	800 - 1700

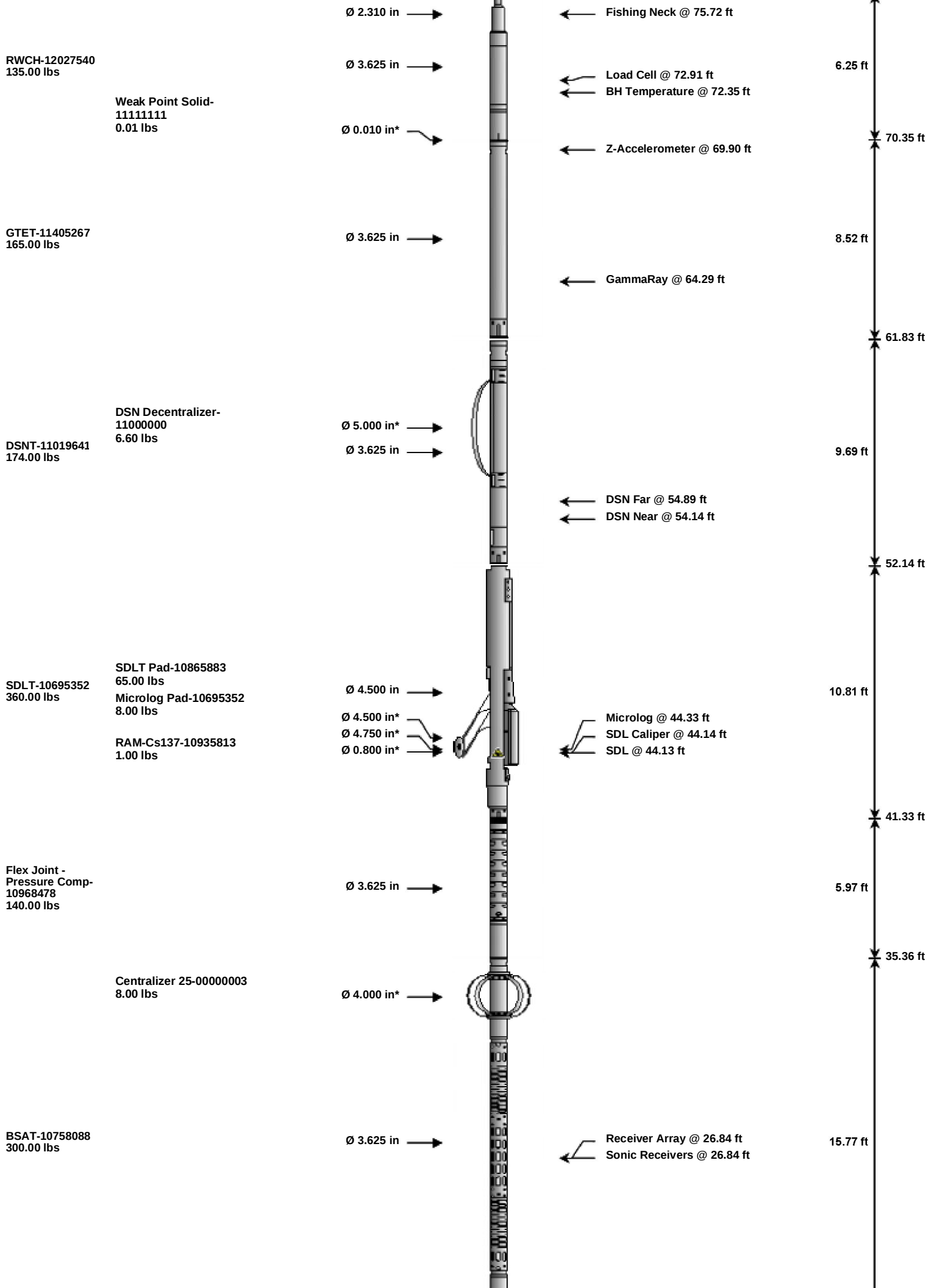
PASS/FAIL SUMMARY	
Background Quality Check:	Passed
Background Range Check:	Passed
Background Resolution Check:	Passed
Background Verification Check:	Passed
Magnesium Quality Check:	Passed
Aluminum Quality Check:	Passed
Gains Check:	Passed
Changes in Calibration Blocks:	Passed

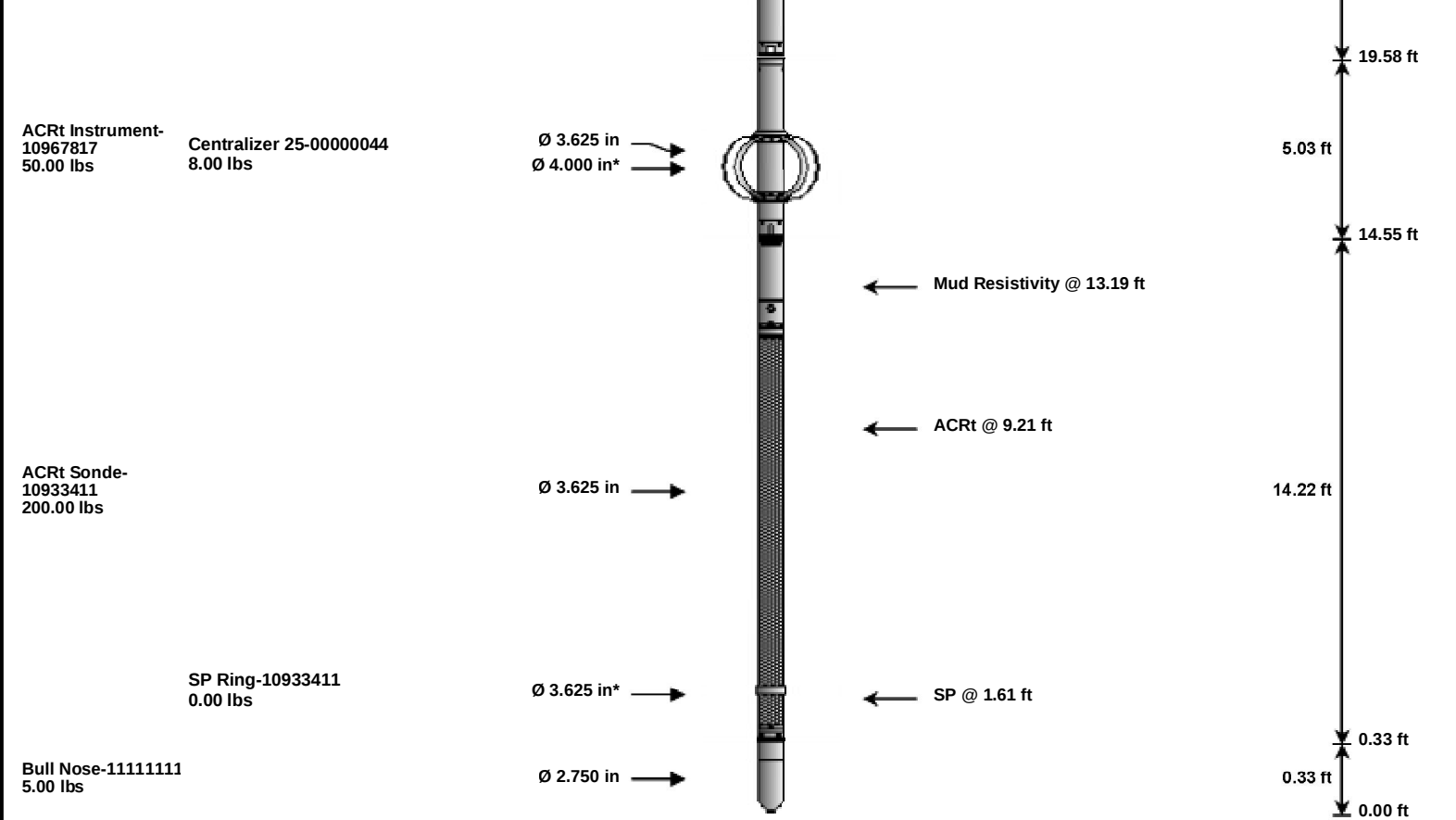
BSAT FIELD CASING CHECK

Tool Name: BSAT - 10758088

Calibration Date: 07-Sep-22 06:46:32

Engineer: K. BJERGA		Software Version: WL INSITE R6.6.5 (Build 5)		Calibration Version: 1					
	Pre-Log Check	Check Depth	Shop	Field	Difference	Tolerance	Units		
	Delta-T Compensated	1150.88	57.00	56.06	0.9400	1.00	uspf		
ARRAY COMPENSATED TRUE RESISTIVITY SHOP CALIBRATION									
Tool Name: ACRt Sonde - 10933411		Reference Calibration Date: 10-Mar-22 11:52:39							
Engineer: MOHAMED ABUELGASIM		Calibration Date: 17-Jun-22 12:35:28							
Software Version: WL INSITE R6.6.7 (Build 8)		Calibration Version: 1							
Host Tool Name: ACRt Instrument - 10967817									
TYPICAL GAIN RANGE									
Subarray	R12KHz			R36KHz			R72KHz		
	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper
A1 (80")	0.95	1.0093	1.05	0.95	1.0097	1.05	0.95	1.0029	1.05
A2 (50")	0.95	1.0129	1.05	0.95	1.0137	1.05	0.95	1.0066	1.05
A3 (29")	0.95	1.0093	1.05	0.95	1.0074	1.05	0.95	1.0011	1.05
A4 (17")	0.95	1.0092	1.05	0.95	1.0064	1.05	0.95	1.0040	1.05
A5 (10")	N/A	N/A	N/A	0.95	0.9991	1.05	0.95	0.9969	1.05
A6 (6")	N/A	N/A	N/A	0.95	0.9833	1.05	0.95	0.9814	1.05
SONDE OFFSET									
Subarray	R12KHz			R36KHz			R72KHz		
	(mmho/m)			(mmho/m)			(mmho/m)		
A1 (80")	-0.514			-4.153			-5.096		
A2 (50")	-1.142			-3.528			-4.869		
A3 (29")	-10.576			-3.717			-3.307		
A4 (17")	-100.911			-32.858			-26.318		
A5 (10")	N/A			-93.684			-45.343		
A6 (6")	N/A			345.620			160.599		
TRANSMITTER CURRENT GAIN				R-MUD VERIFICATION					
Signal	Lower	R	Upper	Signal	Lower (ohm-m)	Measured (ohm-m)	Upper (ohm-m)		
12K	0.6	0.94	1.3	Mud Cell	0.95	1.00	1.05		
36K	1.0	1.85	2.0						
72K	1.0	1.18	2.0						
PASS/FAIL SUMMARY									
GAIN RANGE CHK				PASS					
SONDE OFFSET CHK				PASS					
TOOL OK TO LOG									
Data: 09_16_MERIT\0001 GTET-DSNT-SDLT-BSAT-ACRT\IDLE						Date: 16-Sep-22 11:40:44			
HALLIBURTON									
TOOL STRING DIAGRAM REPORT									
Description	Overbody Description	O.D.	Diagram	Sensors @ Delays	Length	Accumulated Length			
							76.60 ft		





Mnemonic	Tool Name	Serial Number	Weight (lbs)	Length (ft)	Accumulated Length (ft)	Max.Log. Speed (fpm)
RWCH	Releasable Wireline Cable Head	12027540	135.00	6.25	70.35	300.00
WPSS	Weak Point Solid	11111111	0.01	0.01	* 70.35	300.00
GTET	Gamma Telemetry Tool	11405267	165.00	8.52	61.83	60.00
DSNT	Dual Spaced Neutron	11019641	174.00	9.69	52.14	60.00
DCNT	DSN Decentralizer	11000000	6.60	5.13	* 55.47	300.00
SDLT	Spectral Density Tool	10695352	360.00	10.81	41.33	60.00
SDLP	Density Insite Pad	10865883	65.00	2.55	* 43.54	60.00
Cs137	Logging Source, SDLT-I, 1.78 Ci - Cs137	10935813	1.00	0.80	* 43.77	300.00
MICP	Microlog Pad	10695352	8.00	1.00	* 43.83	60.00
FLEX	Flex Joint - Pressure Compensated	10968478	140.00	5.97	35.36	300.00
BSAT	Borehole Sonic Array Tool	10758088	300.00	15.77	19.58	60.00
OBCEN	Centralizer - 25 in. Overbody	00000003	8.00	2.08	* 32.67	300.00
ACRt	Array Compensated True Resistivity Instrument Section	10967817	50.00	5.03	14.55	120.00
OBCEN	Centralizer - 25 in. Overbody	00000044	8.00	2.08	* 15.50	300.00
ACRt	Array Compensated True Resistivity Sonde Section	10933411	200.00	14.22	0.33	120.00
SP	SP Ring	10933411	0.00	0.25	* 1.61	300.00
BLNS	Bull Nose	11111111	5.00	0.33	0.00	300.00
Total			1,625.61	76.60		
* Not included in Total Length and Length Accumulation.						
Data: 09_16_MERIT0001 GTET-DSNT-SDLT-BSAT-ACRTIDLE						
Date: 16-Sep-22 05:06:23						

COMPANY	MERIT ENERGY COMPANY, LLC		
WELL	DANIELS 4-28		
FIELD	BLACK KNIGHT		
COUNTY	HASKELL	STATE	KANSAS

HALLIBURTON

DUAL SPACED NEUTRON
SPECTRAL DENSITY

MEASURED DEPTH