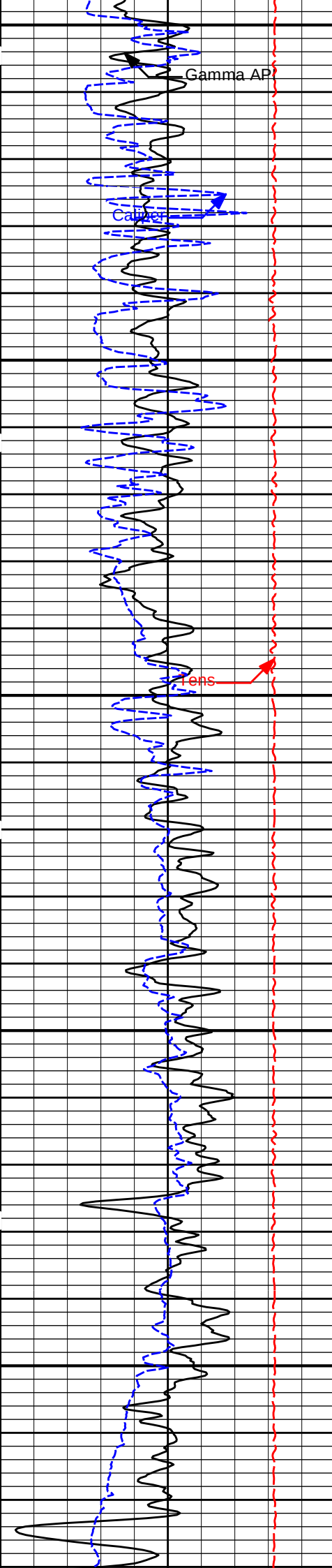


HALLIBURTON				BOREHOLE COMPENSATED SONIC ARRAY LOG			
COMPANY WELL FIELD/BLOCK COUNTY STATE				COMPANY WELL FIELD/BLOCK COUNTY STATE			
RAYDON EXPLORATION, INC. THORP 1-26R KISMET SEWARD KANSAS				RAYDON EXPLORATION, INC. THORP 1-26R KISMET SEWARD KANSAS			
Permanent Datum Log measured from Drilling measured from				API No. 15-175-22262-00-00 Location (SHL) 335' FNL & 335' FWL SE NW NW NW Other Services: DSNT/SDLT MICROLOG BSAT XRM1 ACRT			
Date Run No. Depth - Driller Depth - Logger Bottom - Logged Interval Top - Logged Interval Casing - Driller Casing - Logger Bit Size Type Fluid in Hole Density PH Source of Sample Rm @ Meas. Temperature Rmf @ Meas. Temperature Rmc @ Meas. Temperature Source Rmf Rm @ BHT Time Since Circulation Time on Bottom Max. Rec. Temperature Equipment Recorded By Witnessed By				GL KB KB 12-Jul-18 ONE 5880.0 ft 5873.0 ft 5821.00 ft 1639.00 ft 8.625 in 1639.0 ft 7.875 in Water Based Mud 9.1 ppg 10.50 pH MUDPIT 1.11 ohmm 0.92 ohmm 1.27 ohmm MEAS 0.64 ohmm 5.0 hr 12-Jul-18 16:00 134.00 degF 12147634 JORGE ORLANDO PEREZ TIM HEDDRICK			
				Elev. 2738.0 ft 11.0 ft above perm. Datum Elev.: K.B. 2749.0 ft D.F. 2749.0 ft G.L. 2738.0 ft			

Fold here

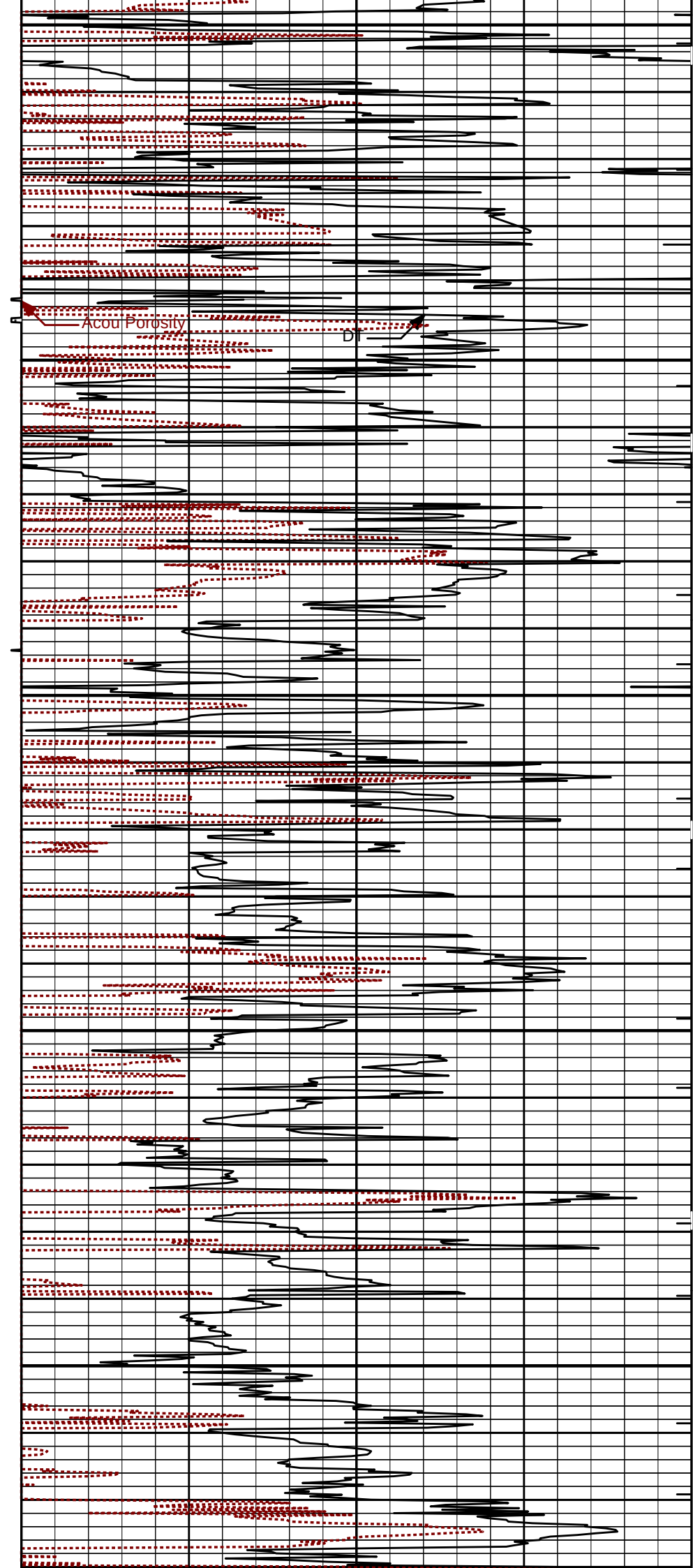
Service Ticket No.: 904928072						API No.: 15-175-22262-00-00		PGM Version: WL INSITE R5.6.0 (Build 2)									
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE								RESISTIVITY SCALE CHANGES									
Date	Sample No.							Type Log	Depth		Scale Up Hole		Scale Down Hole				
Depth-Driller																	
Type 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	ACRT		N/A		CENT		N/A			
Rmc @ Meas. Temp.		@		@				I-12109517									
Source Rmf	Rmc							S-12109515									
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.		11013114		Serial No.		10747686		Serial No.		12153220		Serial No.		10993115			
Model No.		GTET		Model No.		BSAT		Model No.		SDLT		Model No.		DSNT			
Diameter		3.625"		No. of Cent.		2		Diameter		5.5"		Diameter		3.625"			
Detector Model No.		T-102		Spacing		EVEN		Log Type		GAM-GAM		Log Type		NEU-NEU			
Type		SCINT						Source Type		CS137		Source Type		AM241BE			
Length		8"		LSA [Y/N]				Serial No.		5471GW		Serial No.		DSN-424			
Distance to Source		N/A		FWDA [Y/N]				Strength		1.78 Ci		Strength		15.0 Ci			
LOGGING DATA																	
GENERAL				GAMMA		ACOUSTIC				DENSITY				NEUTRON			
Run		Depth		Speed		Scale		Scale		Matrix		Matrix		Scale		Matrix	
No.		From To		ft/min		L R		L R						L R			
ONE	TD	CSG	PEC	0	150	30	10	47.6 uSec/ft	30	10	2.71 gr/cc	30	10	LIME			

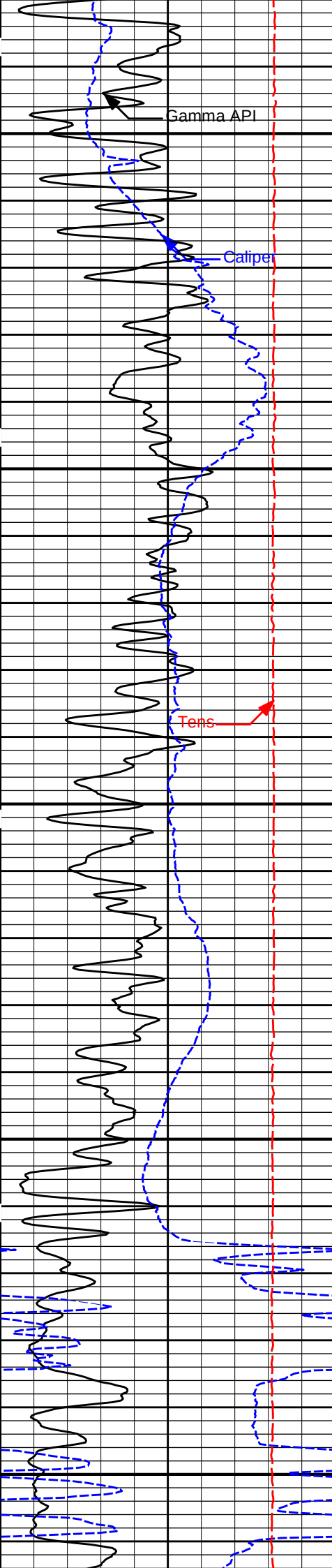


1700

1800

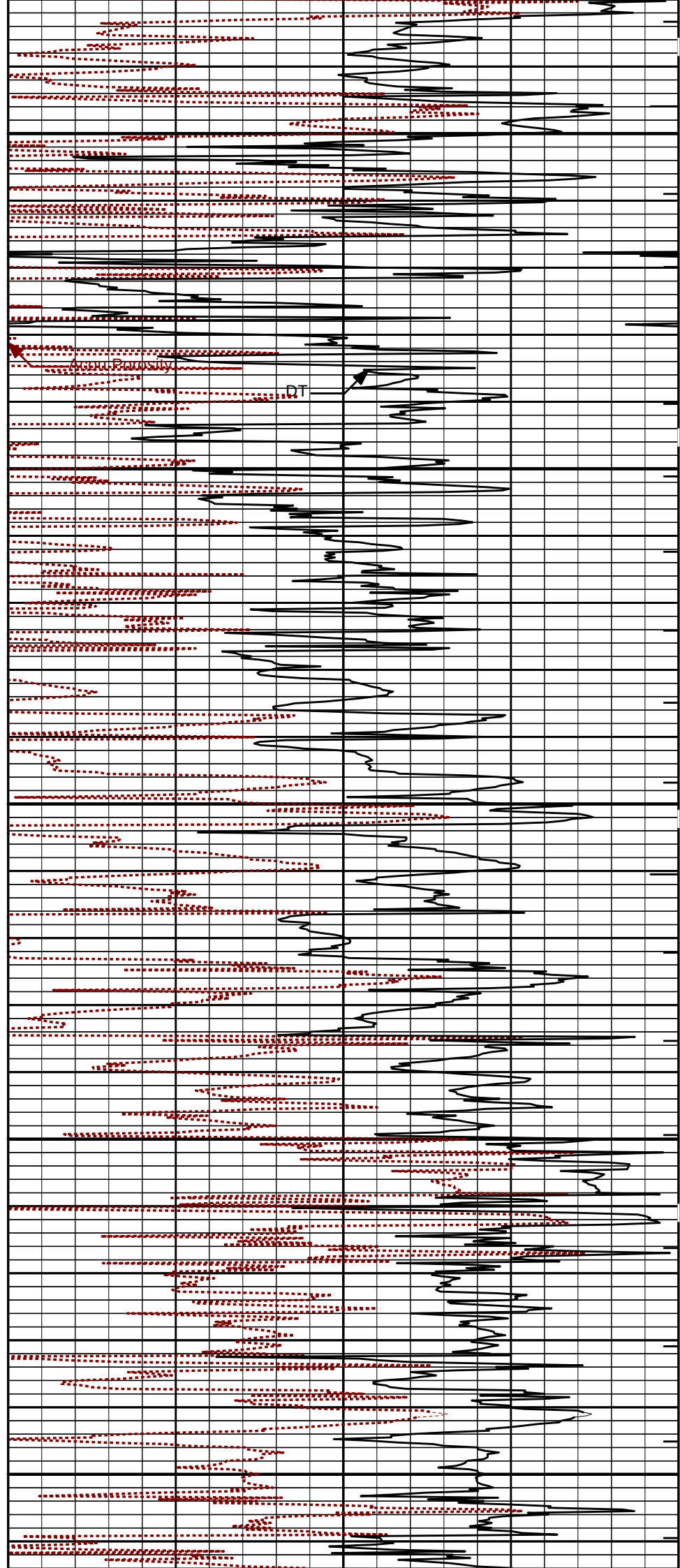
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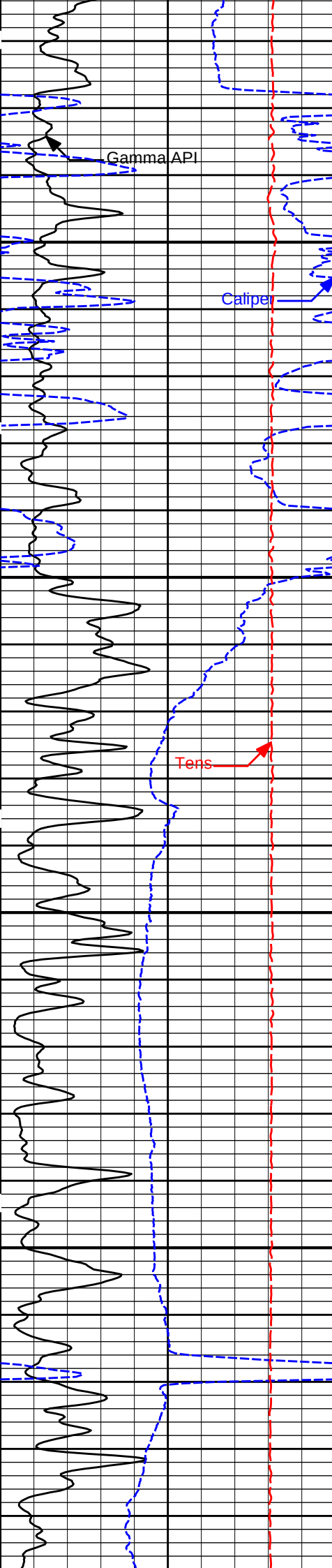




2000

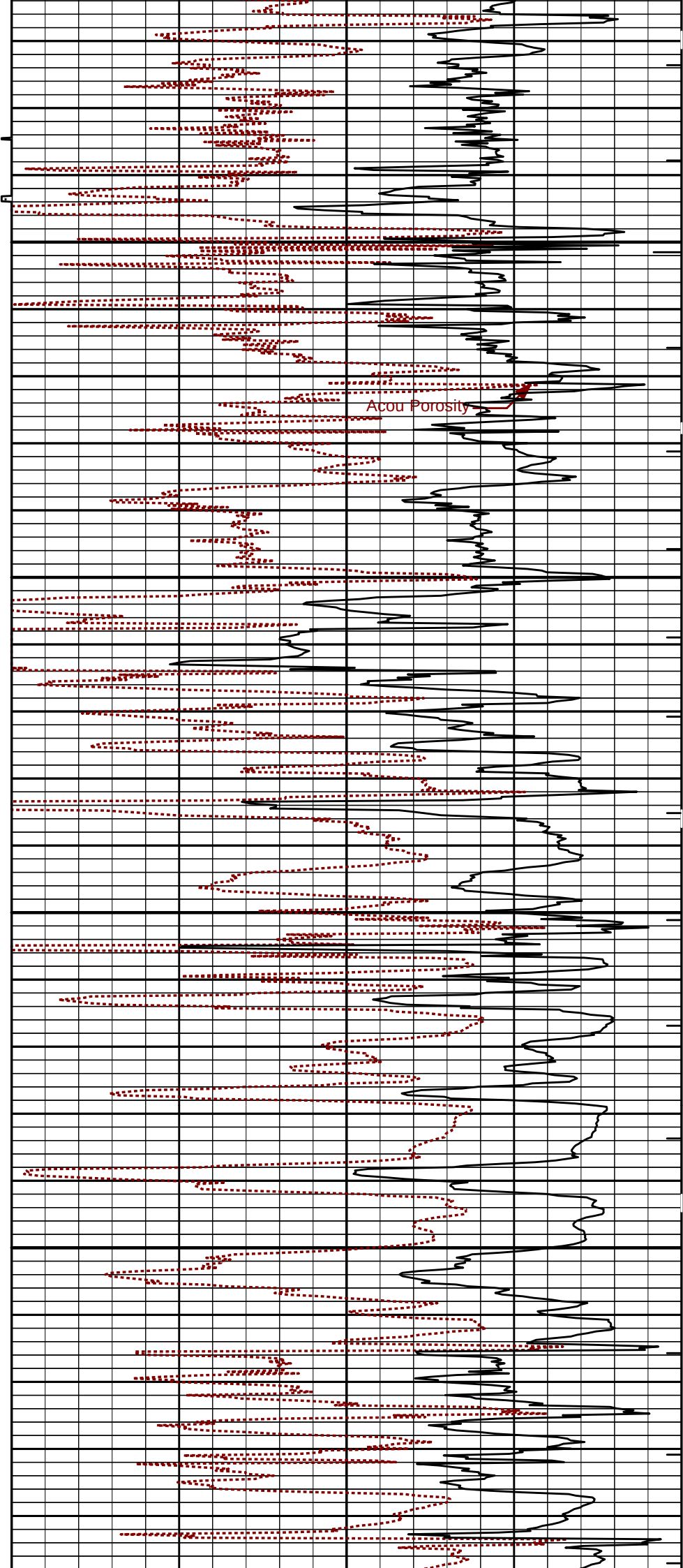
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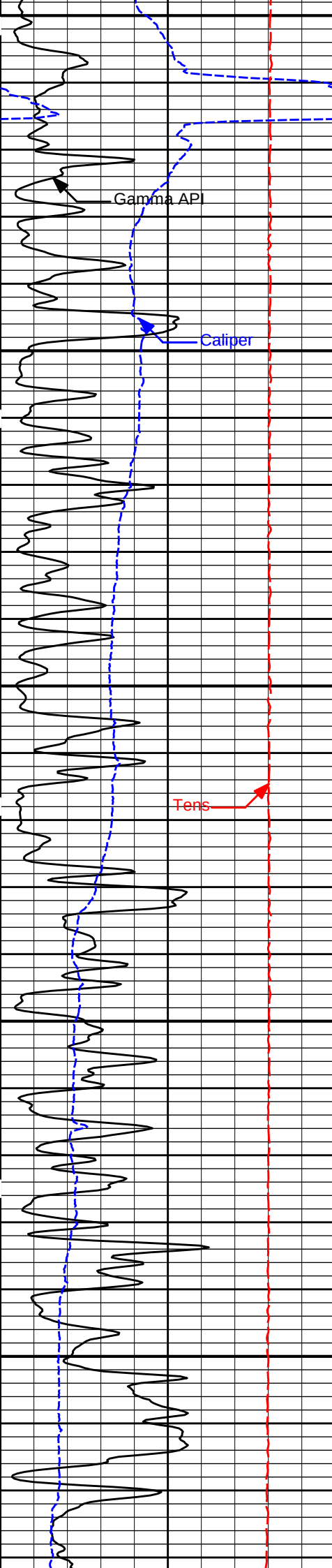




2200

2300

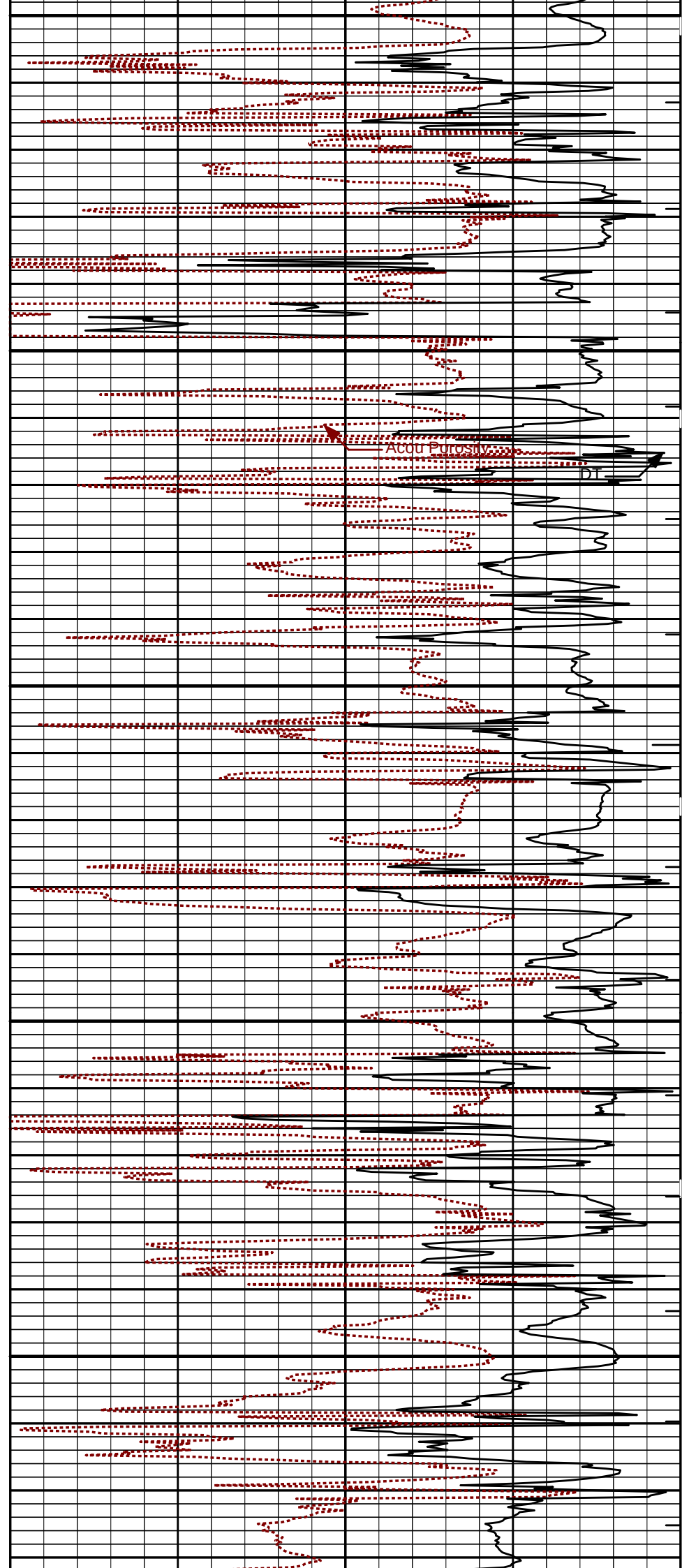


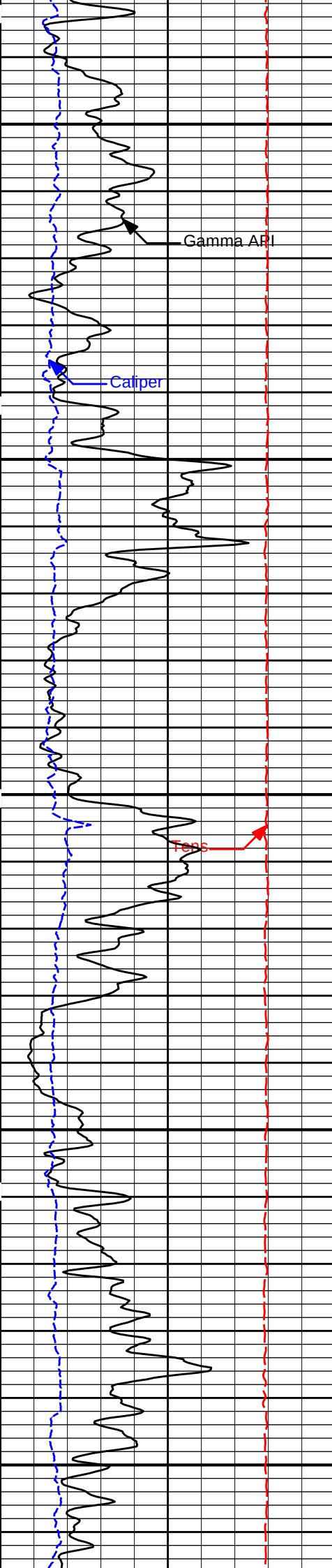


2400

2500

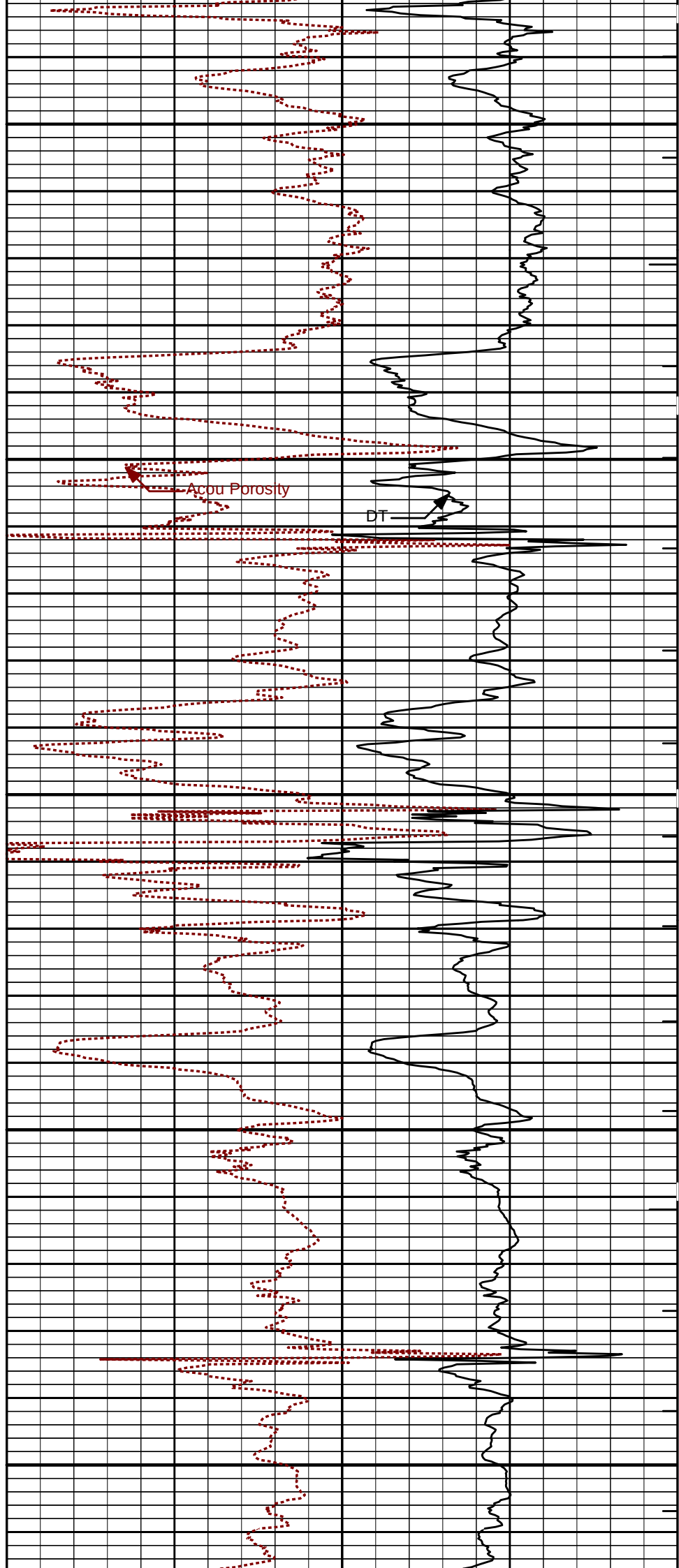
2600

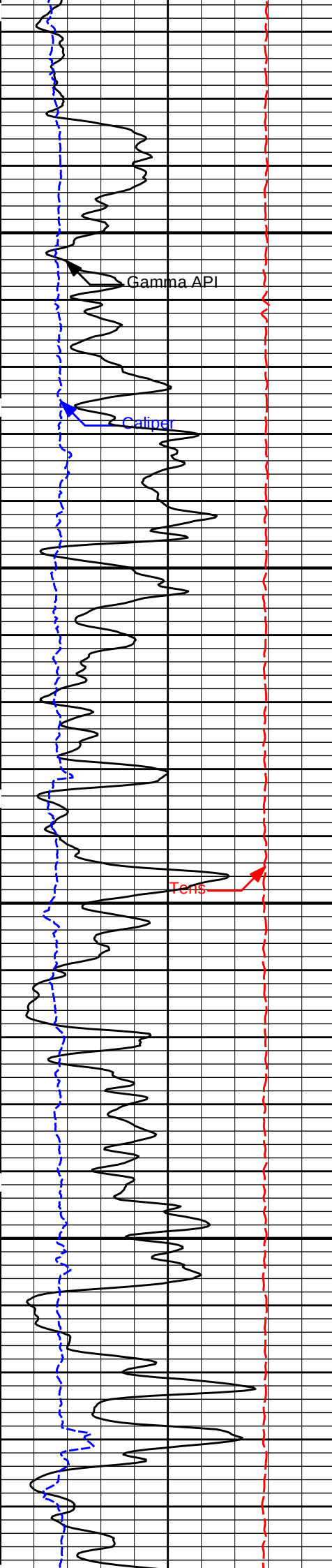




2700

2800





2900

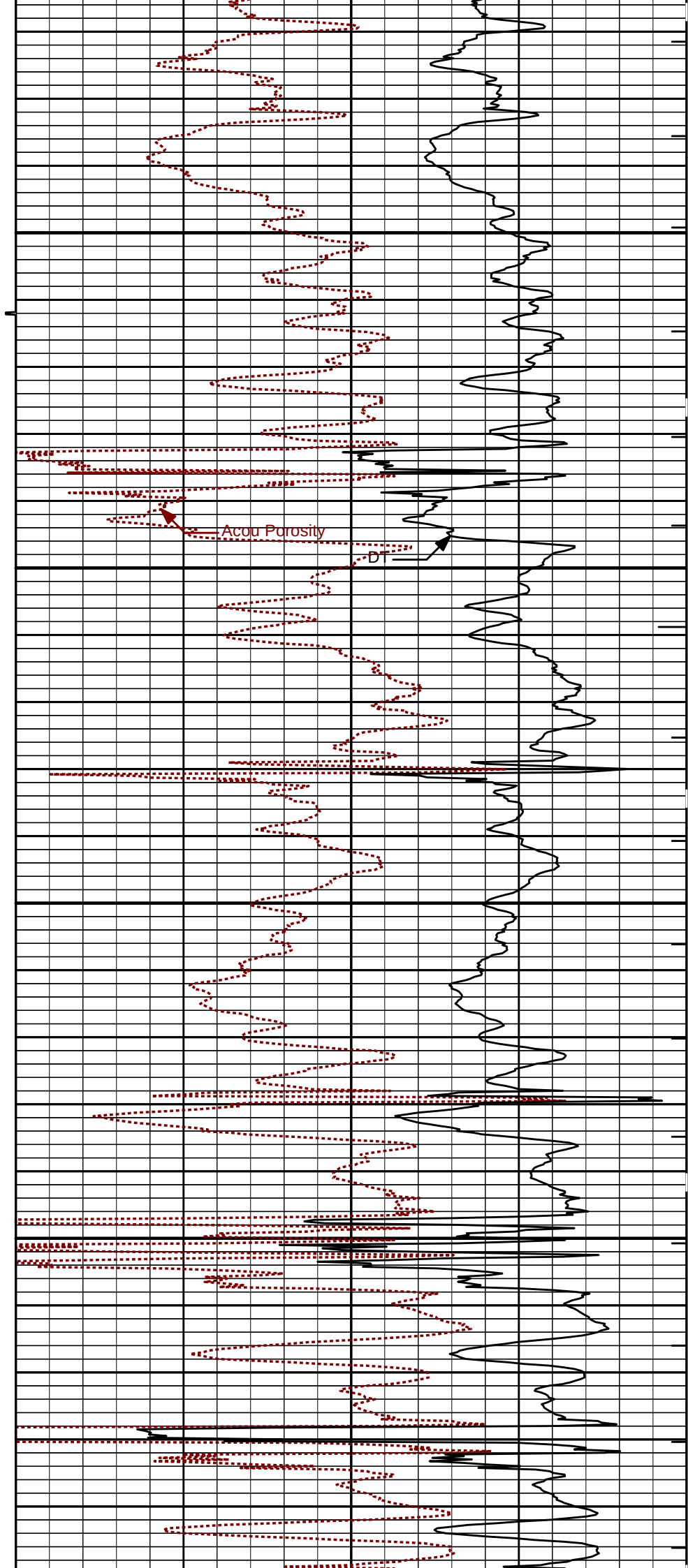
Gamma API

Caliper

Tens

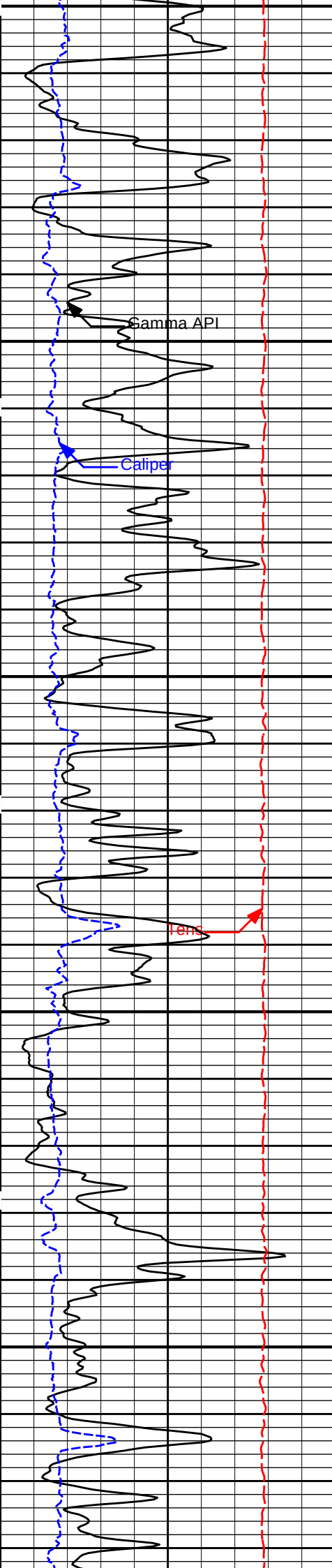
3000

3100



Acou Porosity

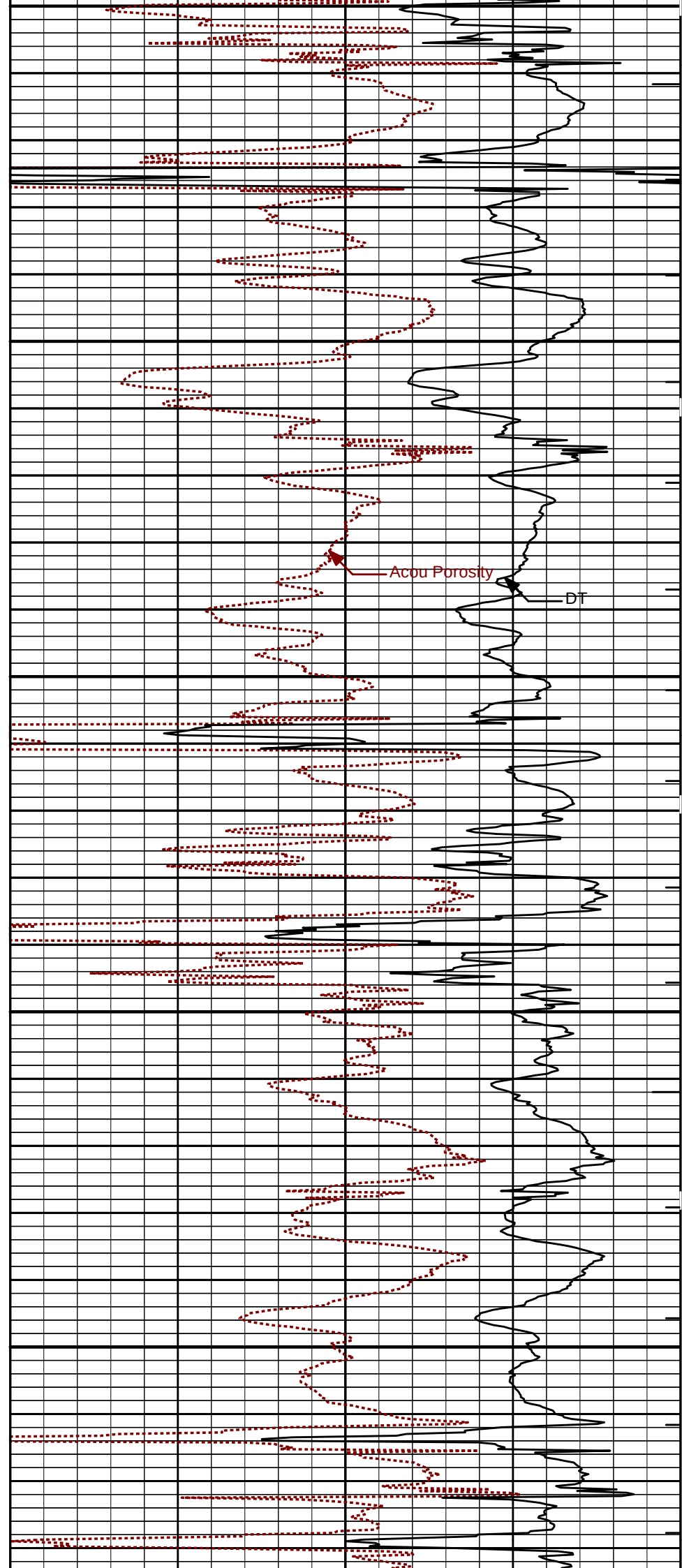
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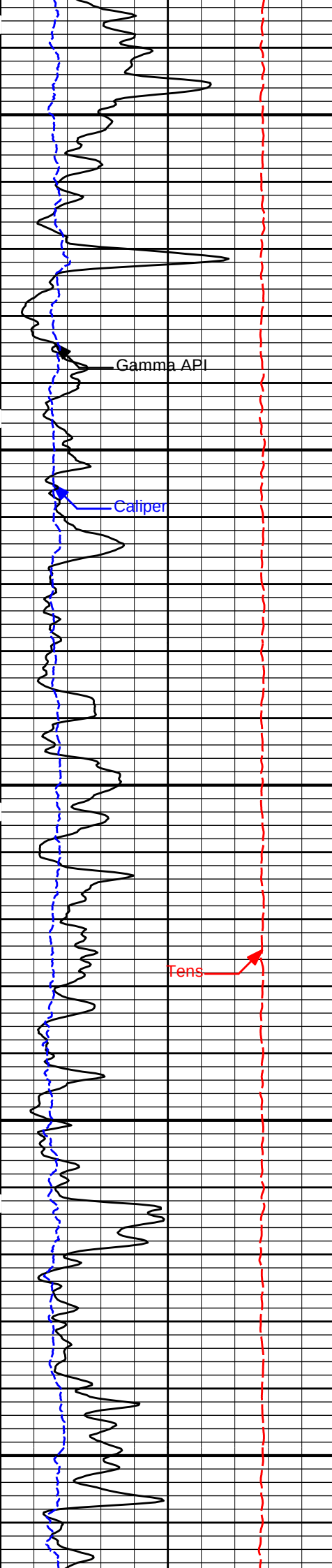


3100

3200

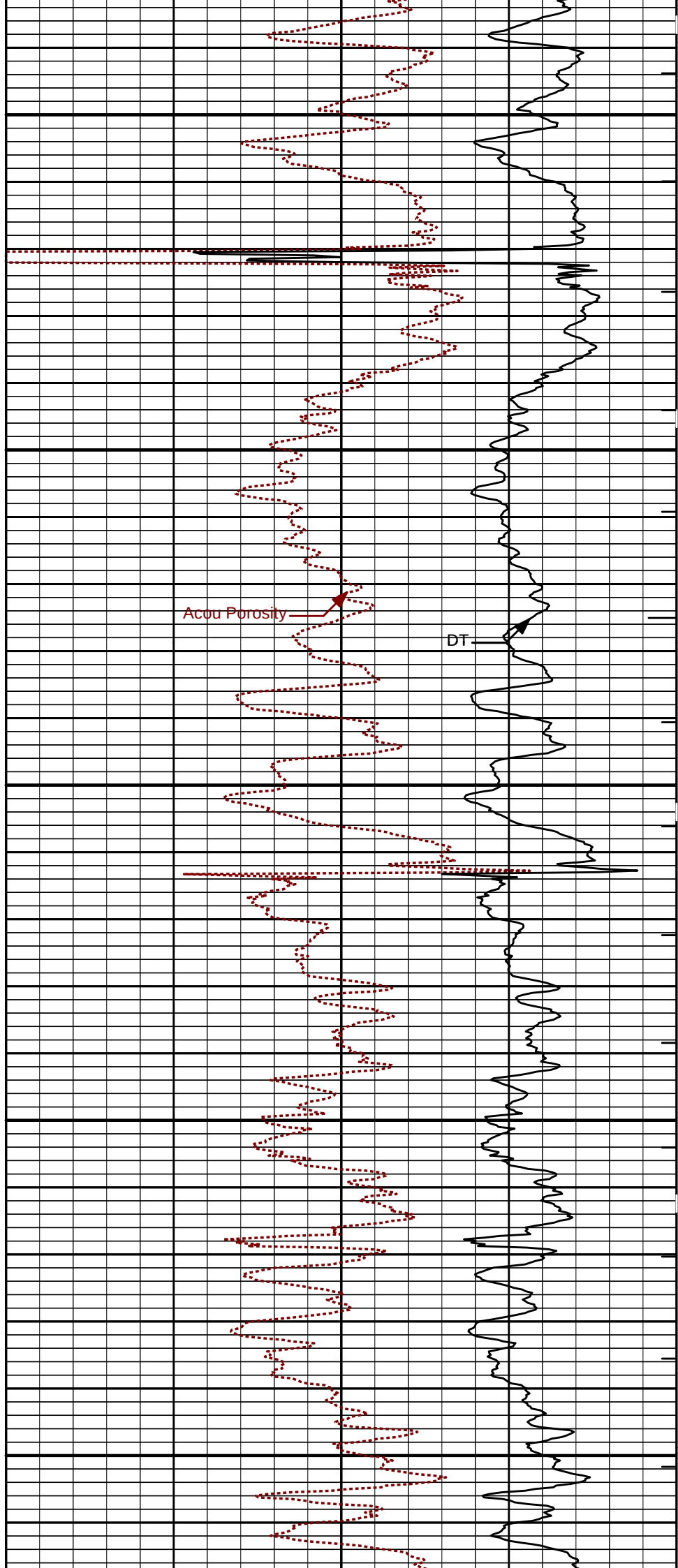
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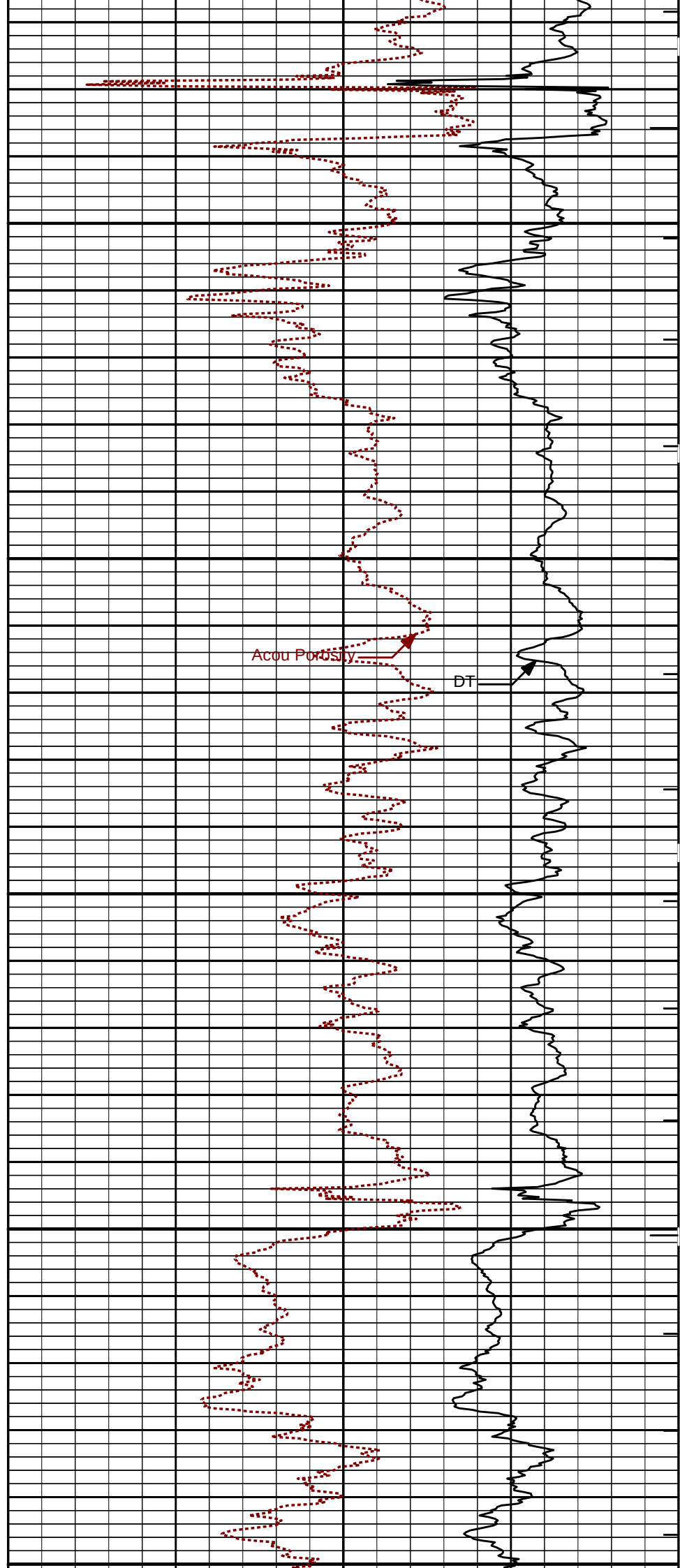
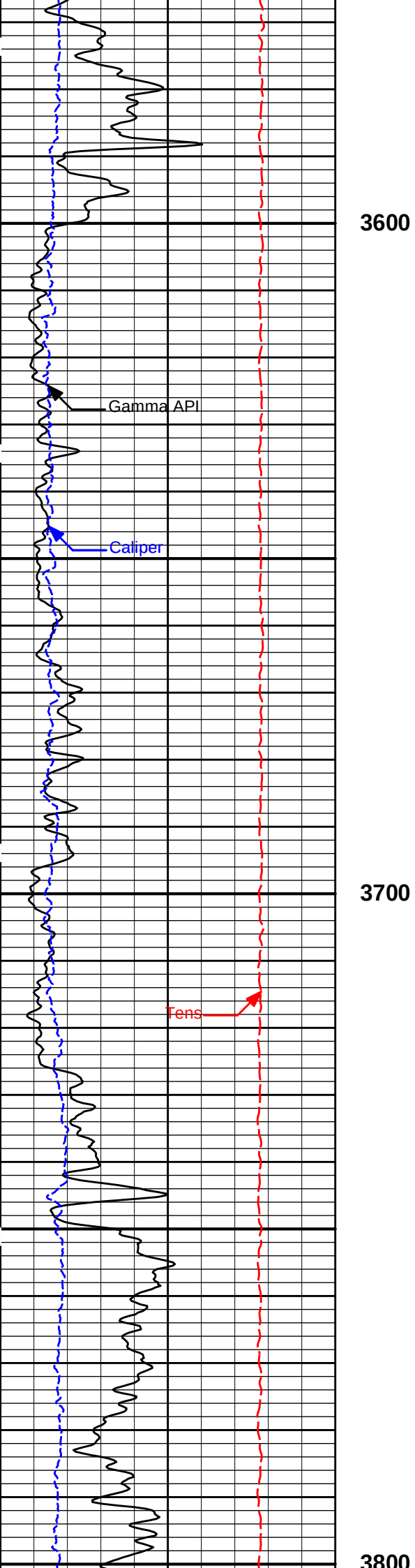


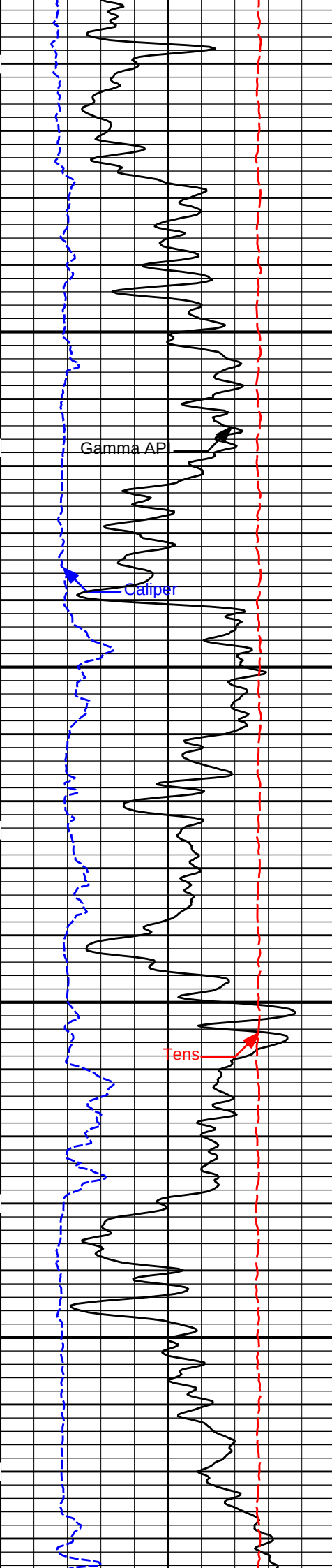


3400

3500



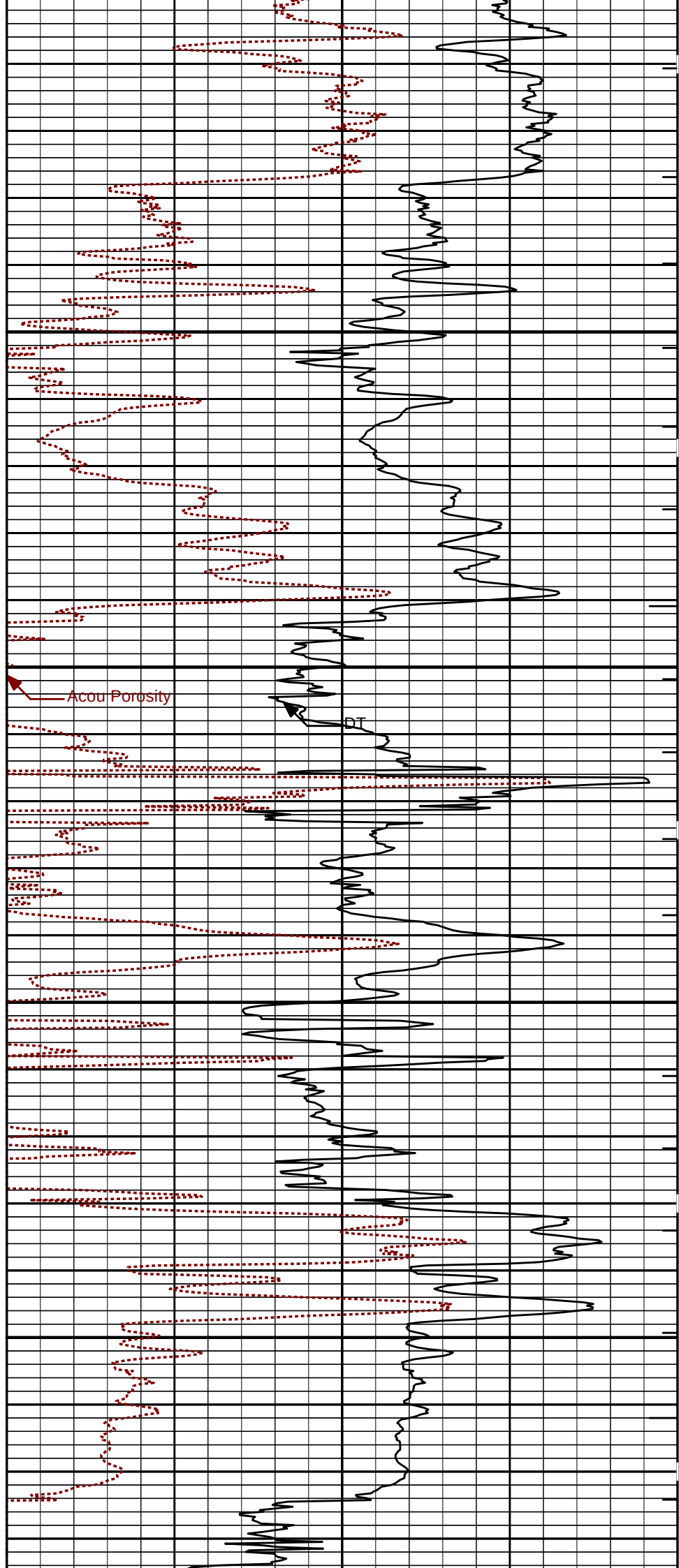


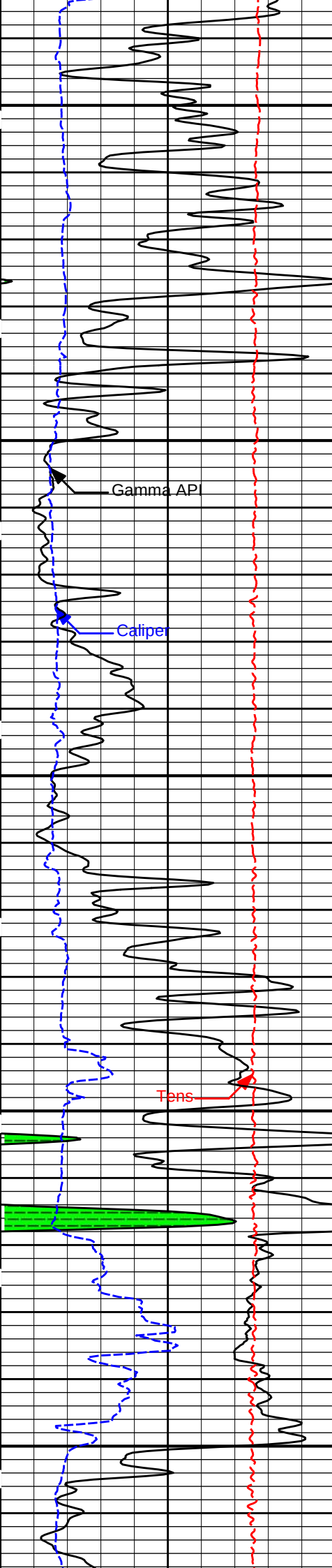


3880

3900

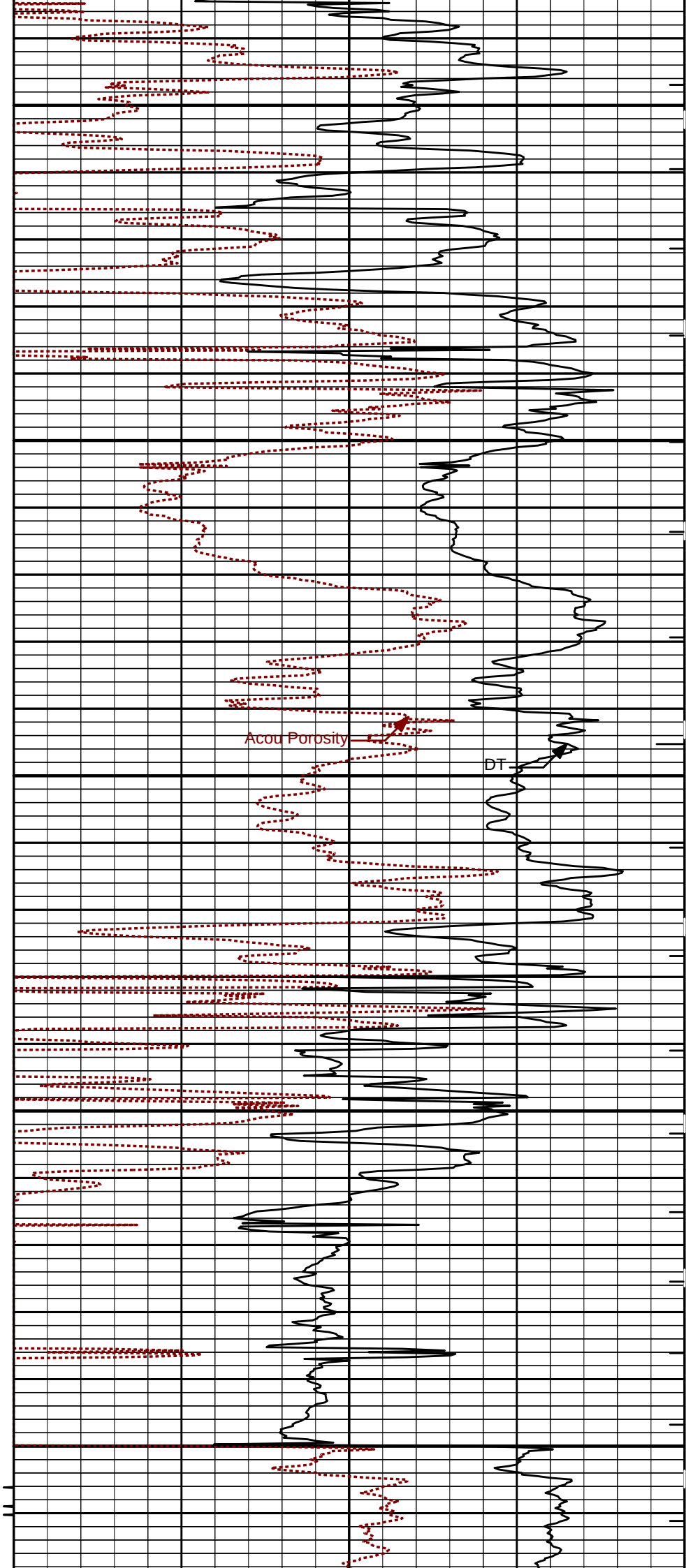
4000

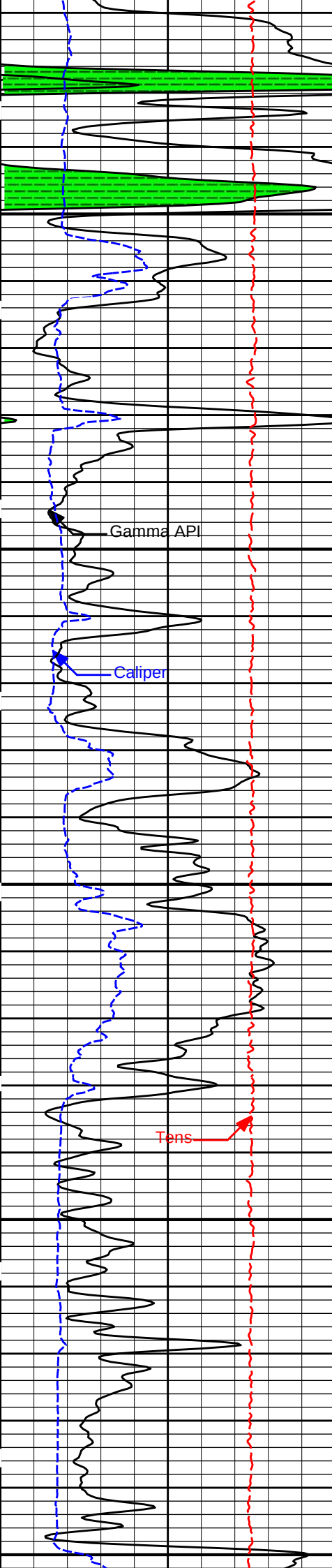




4100

4200

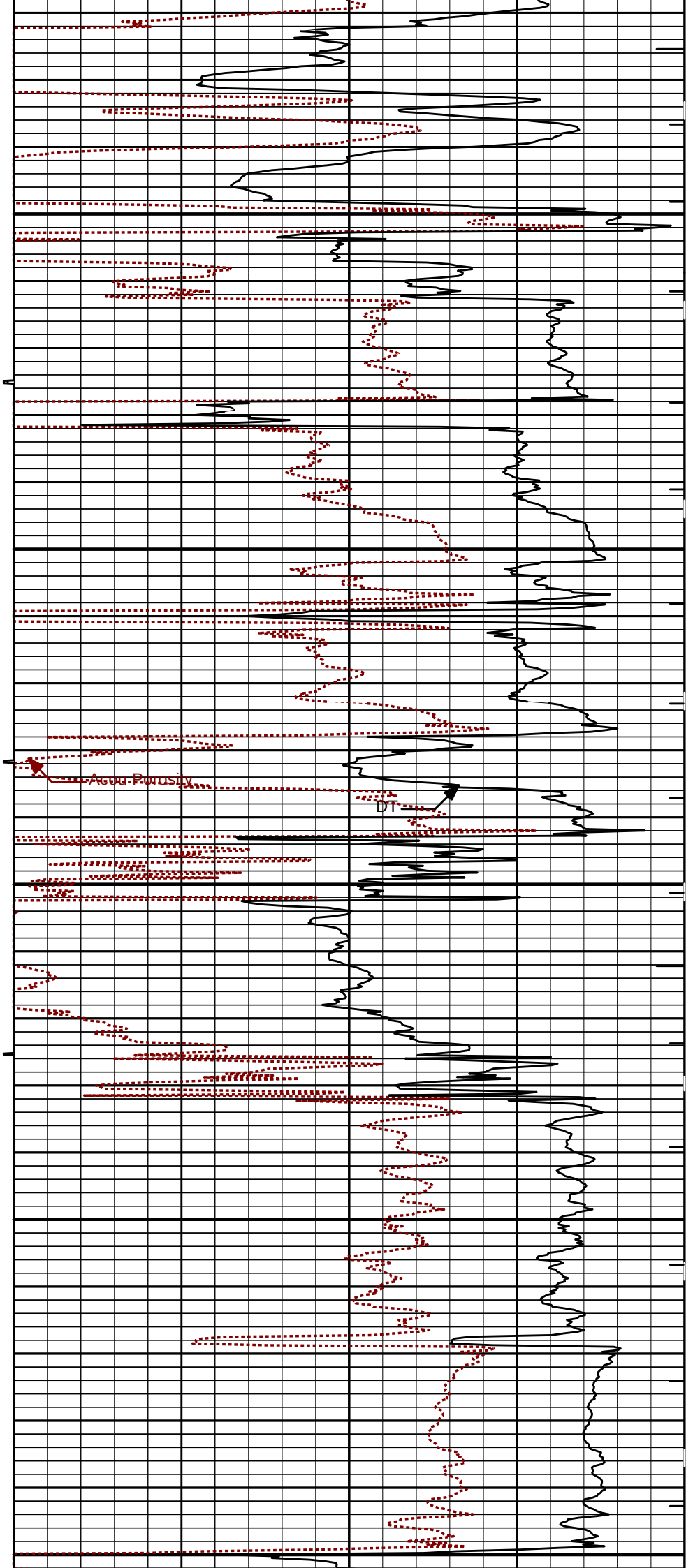


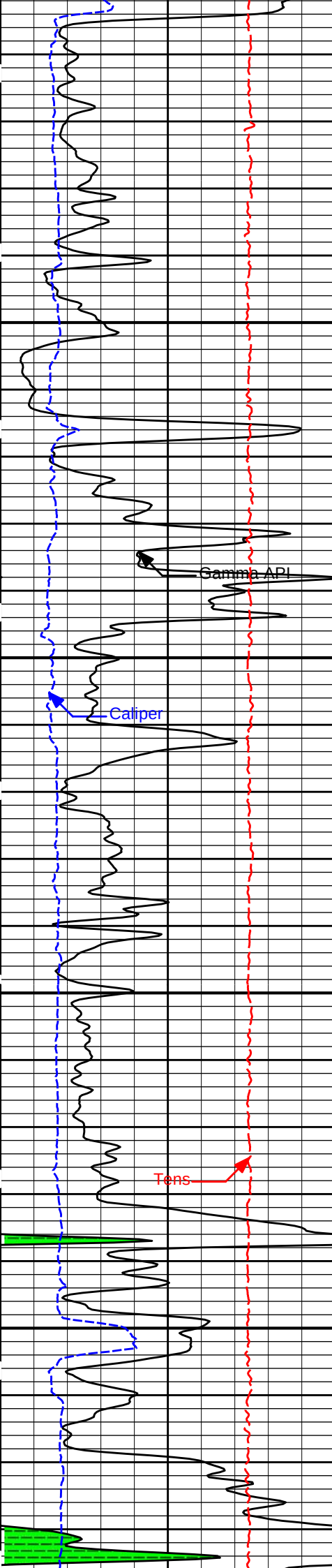


4300

4400

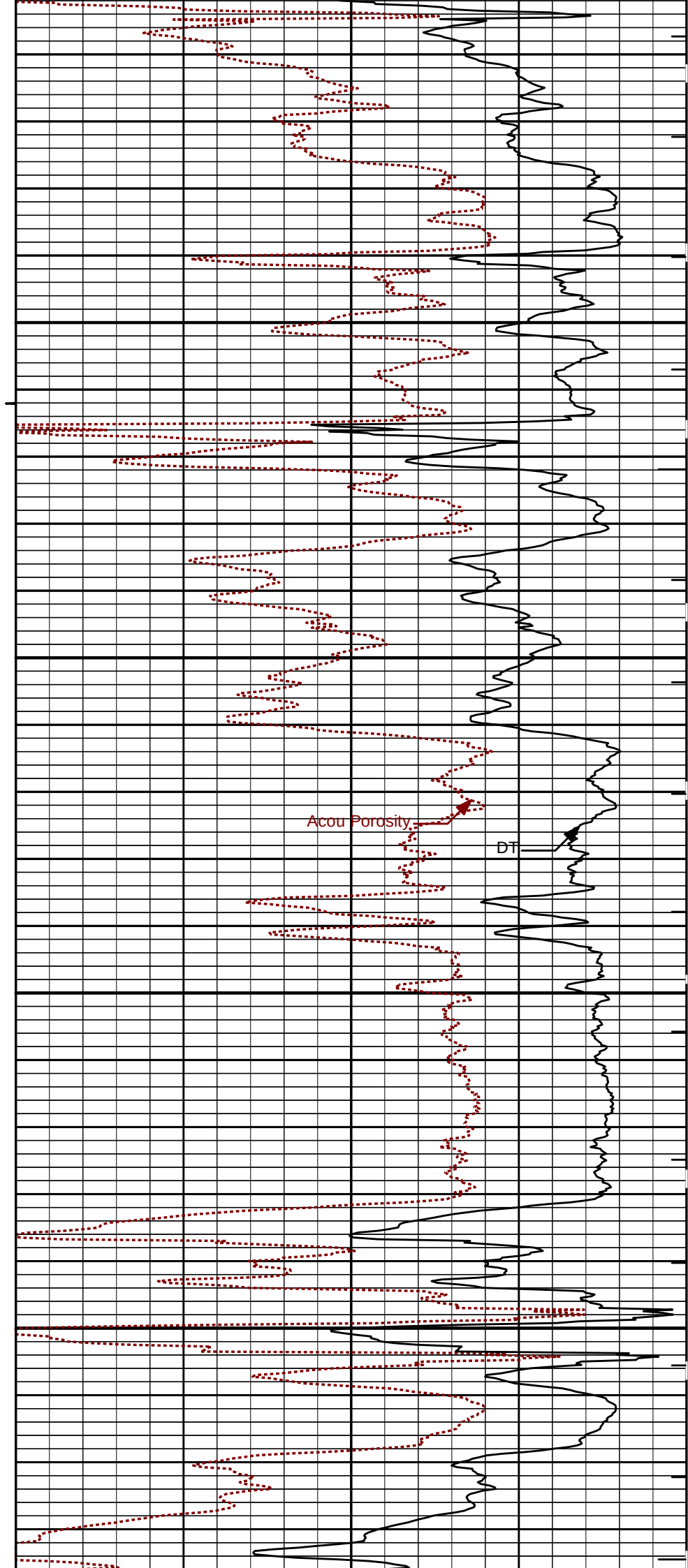
4500

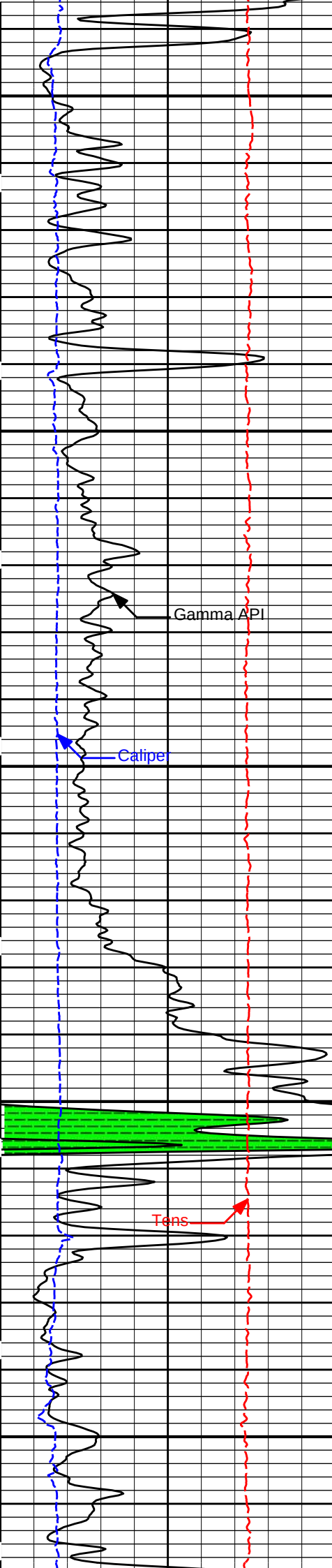




4600

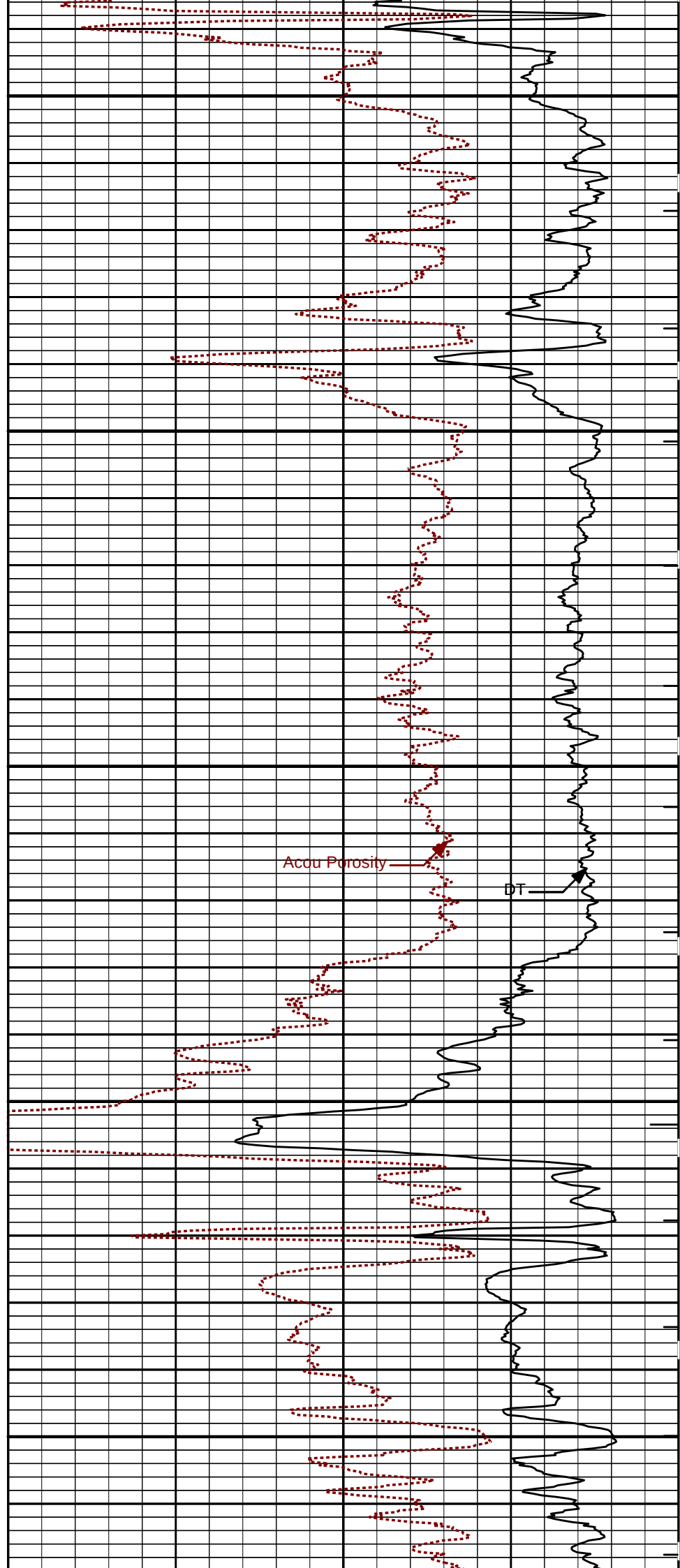
4700

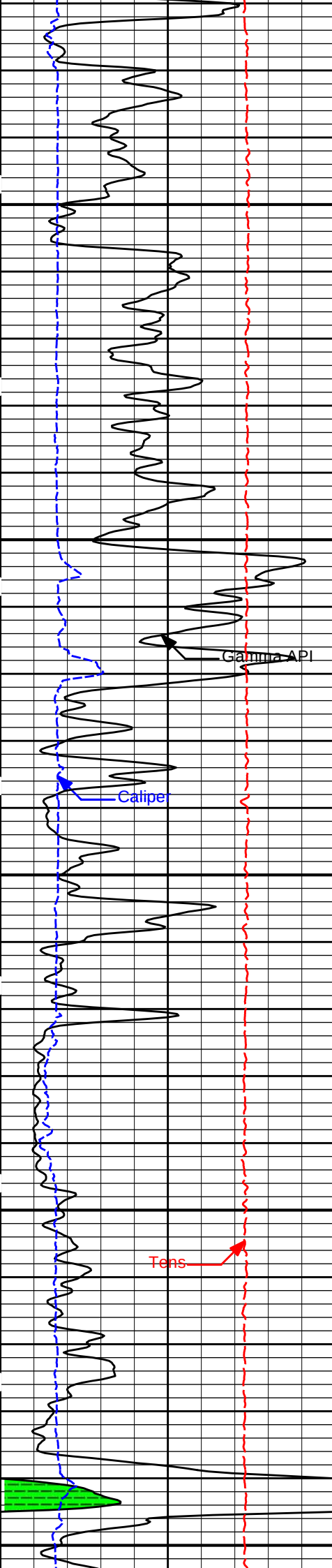




4800

4900

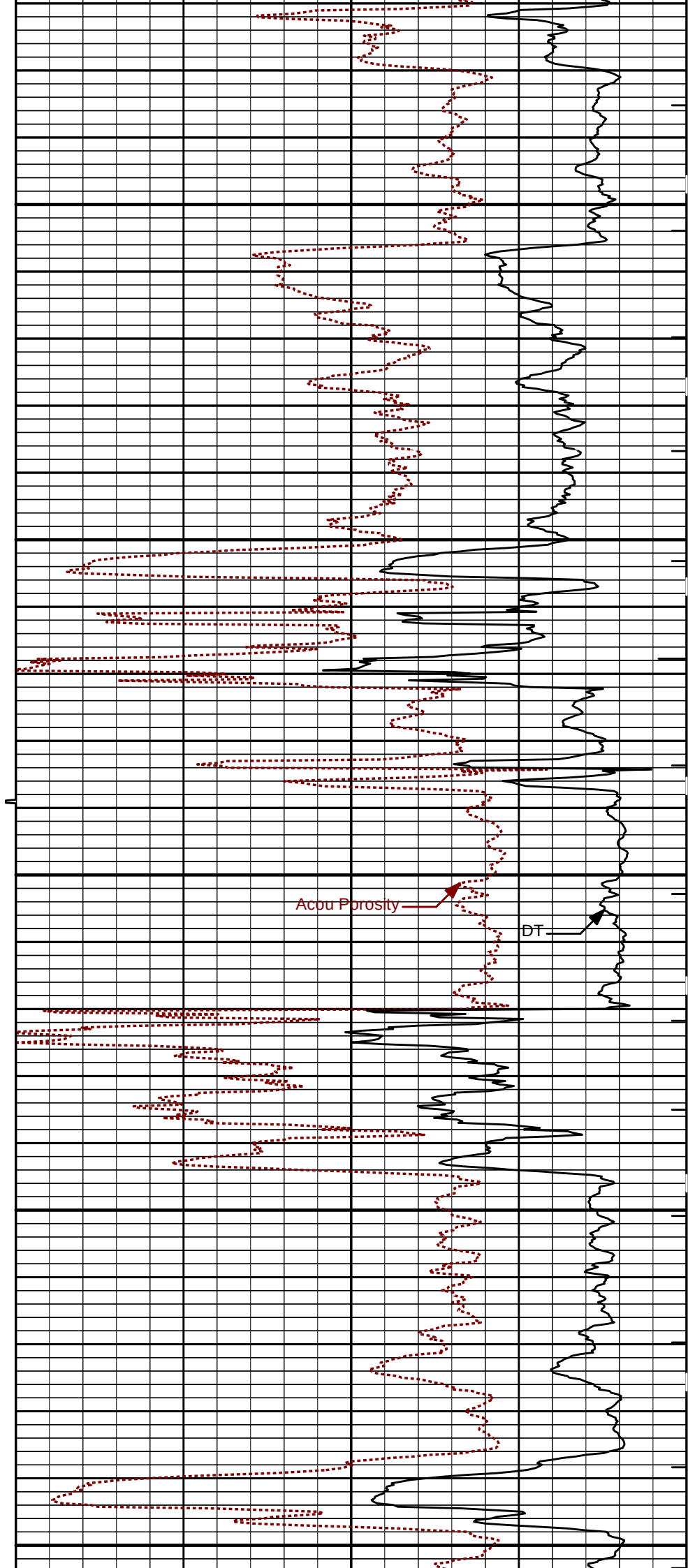




5000

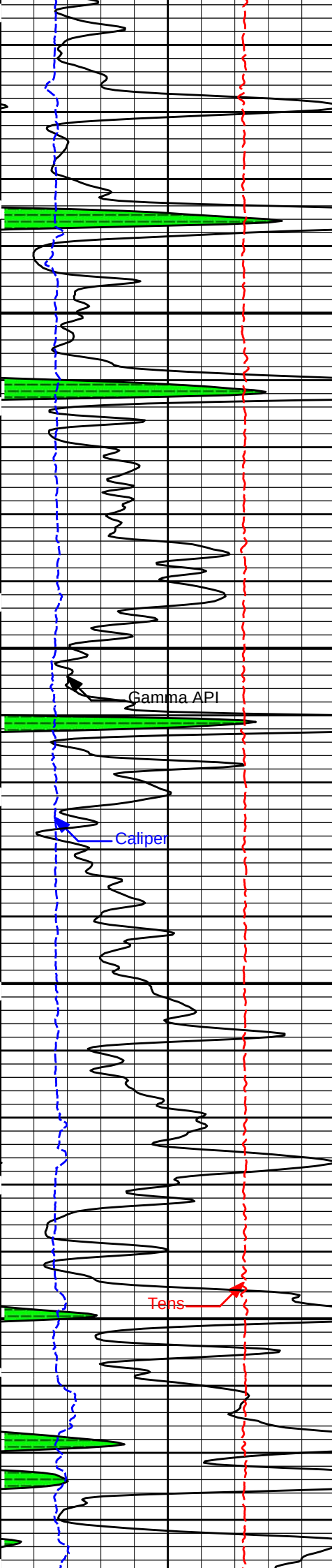
5100

5200



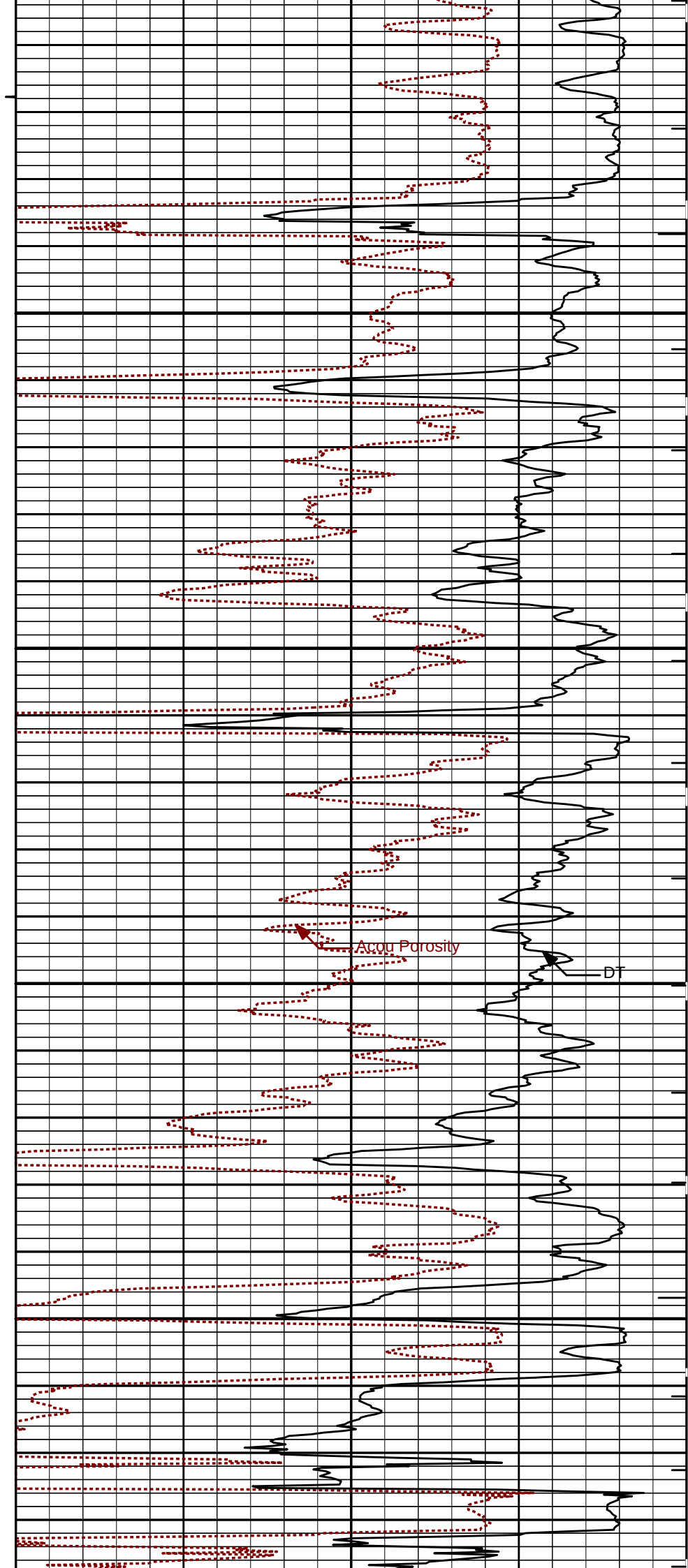
Acou Porosity

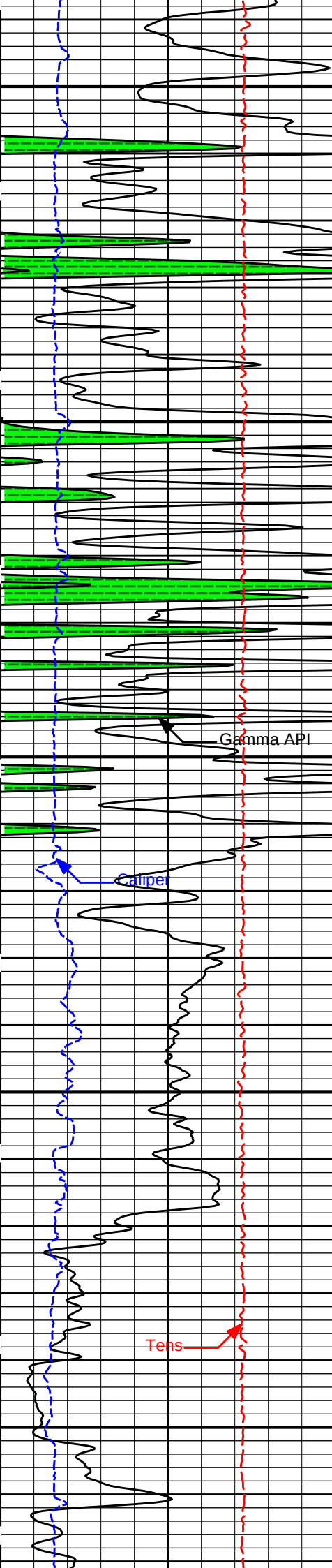
DT



5300

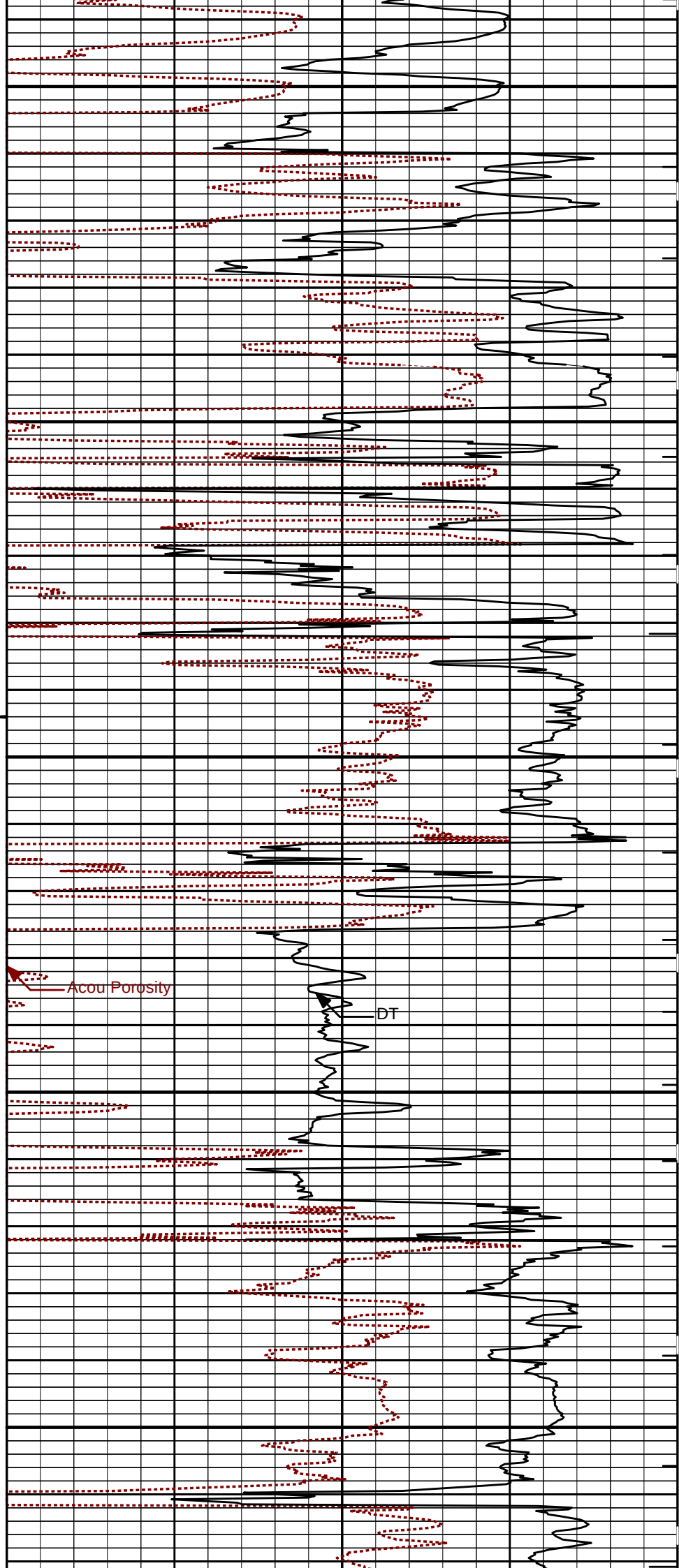
5400

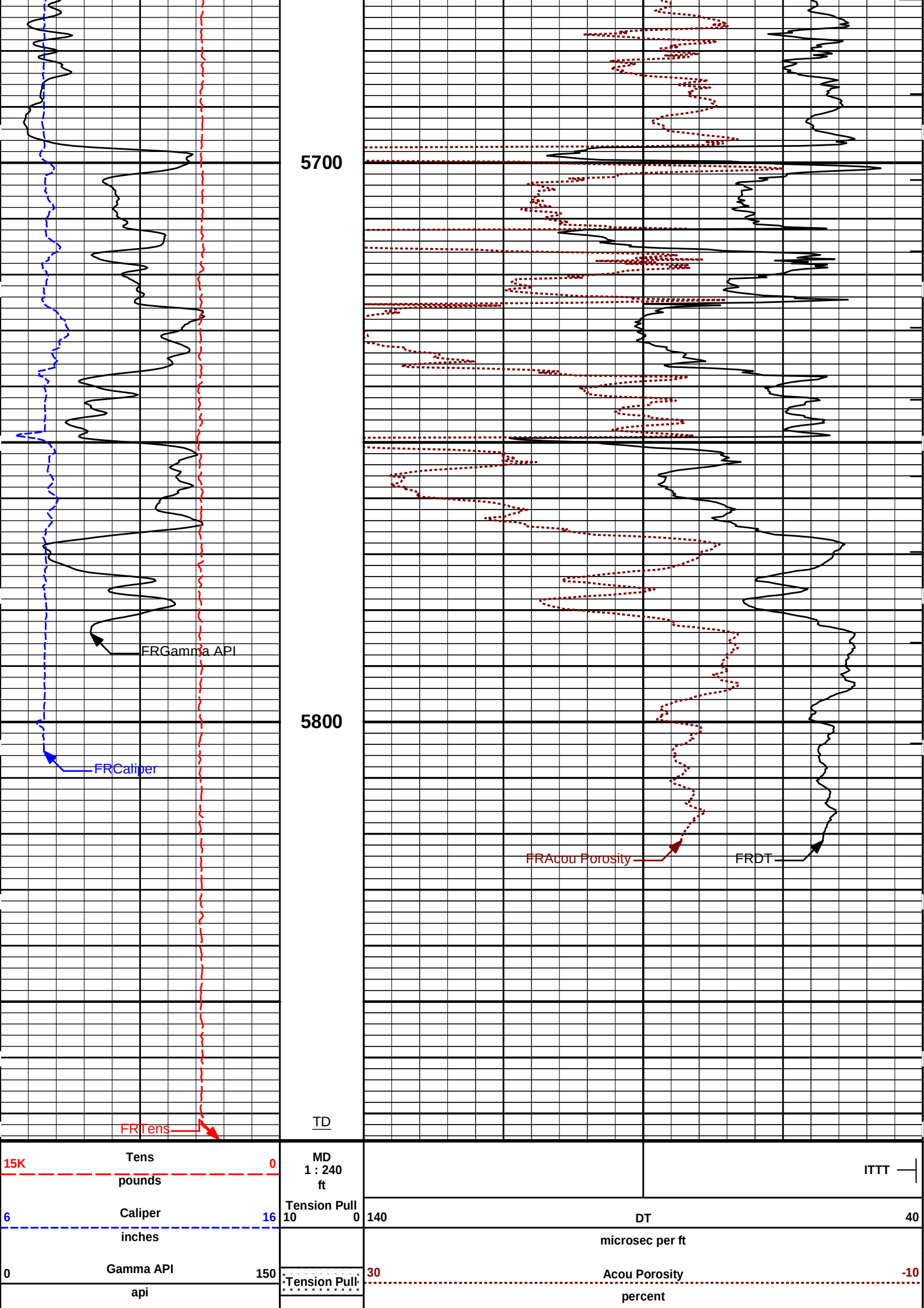




5500

5600





5700

5800

ERGAMMA API

FRCaliper

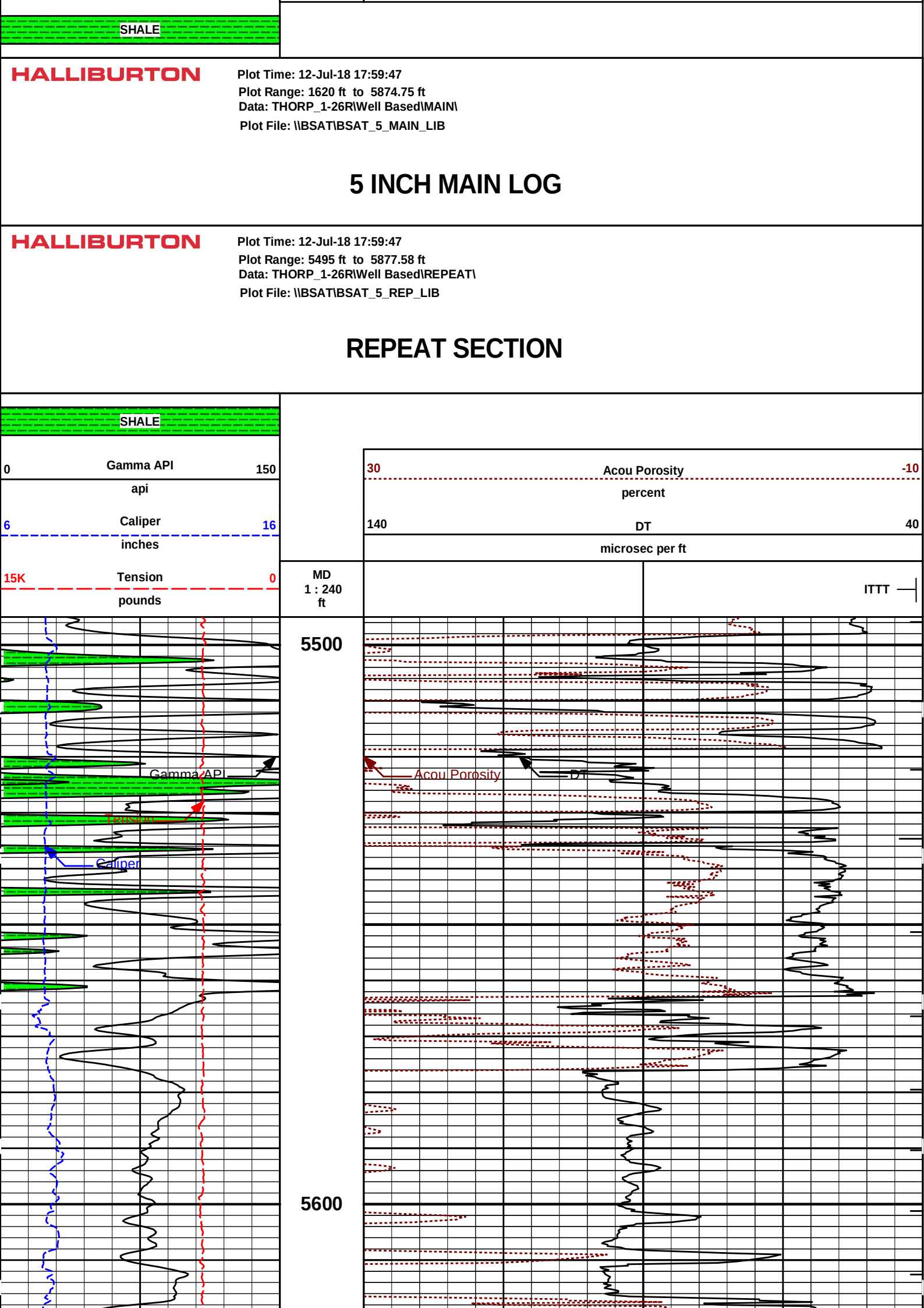
FR Tens

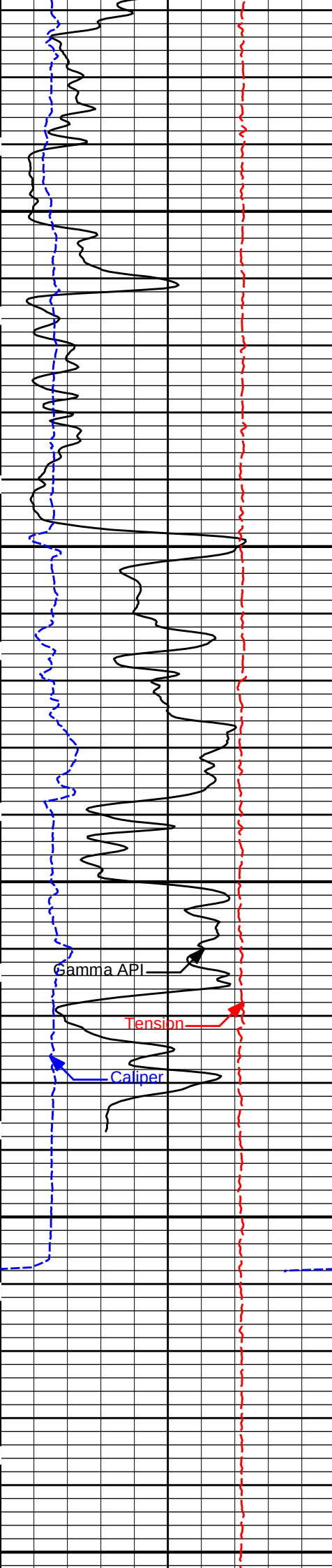
FR Acou Porosity

FRDT

TD

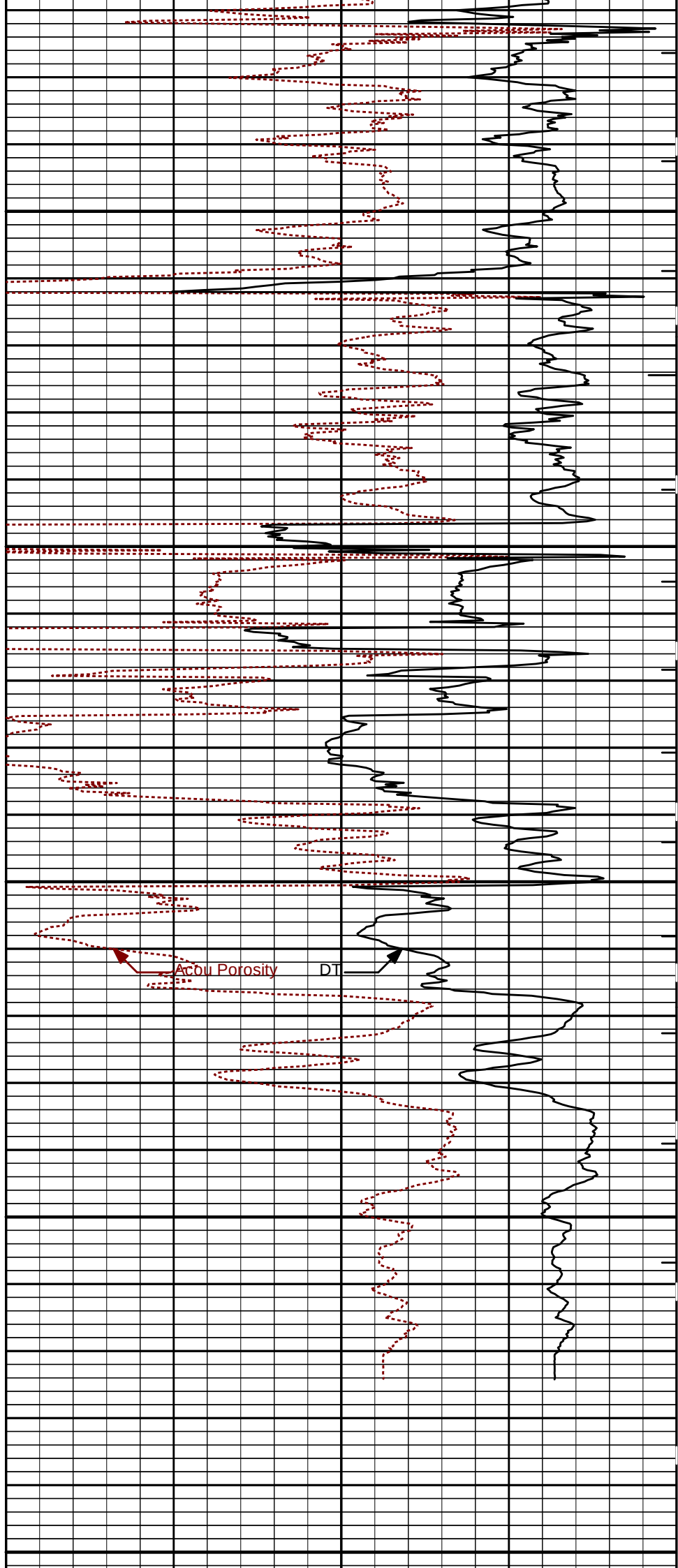
15K	Tens	0	MD		ITTT
	pounds		1 : 240		
6	Caliper	16	Tension Pull	140	DT
	inches		10 0		microsec per ft
0	Gamma API	150	Tension Pull	30	Acou Porosity
	api				percent

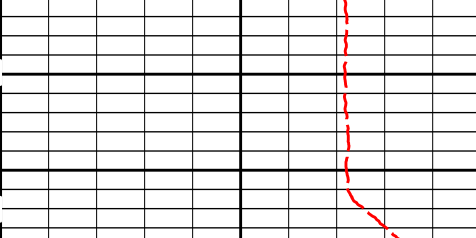




5700

5800





The diagram illustrates a wellbore with three casing strings. The top string is labeled "Tension" with a value of "15K" on the left and "0" on the right. The middle string is labeled "Caliper" with a value of "6" on the left and "16" on the right. The bottom string is labeled "Gamma API" with a value of "0" on the left and "150" on the right. The wellbore is labeled "SHALE" at the bottom.

MD 1 : 240 ft		ITTT
	140	40
	DT	
	microsec per ft	
	30	-10
	Acou Porosity	
	percent	

HALLIBURTON

Plot Time: 12-Jul-18 17:59:48
Plot Range: 5495 ft to 5877.58 ft
Data: THORP_1-26RIWell Based\REPEAT
Plot File: \\BSAT\BSAT_5_REP_LIB

REPEAT SECTION

HALLIBURTON

TOOL STRING DIAGRAM REPORT

Description	Overbody Description	O.D.	Diagram	Sensors @ Delays	Length	Accumulated Length	
CH_HOS-11459024 37.50 lbs		Ø 2.750 in →		← Temperature @ 102.20 ft	3.03 ft	103.23 ft	
XOHD-11572809 20.00 lbs		Ø 2.750 in → Ø 3.625 in →			0.95 ft	100.20 ft	
SP Sub-11153357 60.00 lbs		Ø 3.625 in →		← SP @ 97.47 ft	3.74 ft	99.25 ft	
				← Z-Accelerometer @ 95.06 ft		95.51 ft	
						8.52 ft	
GTET-11013114 165.00 lbs		Ø 3.625 in →		← GammaRay @ 89.45 ft		86.99 ft	
	DSN Decentralizer-10993115 6.60 lbs	Ø 5.000 in* → Ø 3.625 in →		← DSN Far @ 80.05 ft ← DSN Near @ 79.30 ft	9.69 ft	77.30 ft	
DSNT2-10993115 174.00 lbs							

SDLT2-12153520
360.00 lbs

SDLT Pad2-10809130
65.00 lbs

Microlog Pad2-12153520
8.00 lbs

Ø 4.500 in →

Ø 4.500 in* →
Ø 4.750 in* →

Microlog @ 69.49 ft
SDL Caliper @ 69.30 ft
SDL @ 69.29 ft

10.81 ft

66.49 ft

IQ Flex-11005585
140.00 lbs

Ø 3.625 in →

5.67 ft

60.82 ft

BSAT-10747686
300.00 lbs

Ø 3.625 in →

Receiver Array @ 52.30 ft
Sonic Receivers @ 52.30 ft

15.77 ft

45.04 ft

XRMI-I Instrument-
10746655
290.00 lbs

Ø 4.500 in →

14.30 ft

30.74 ft

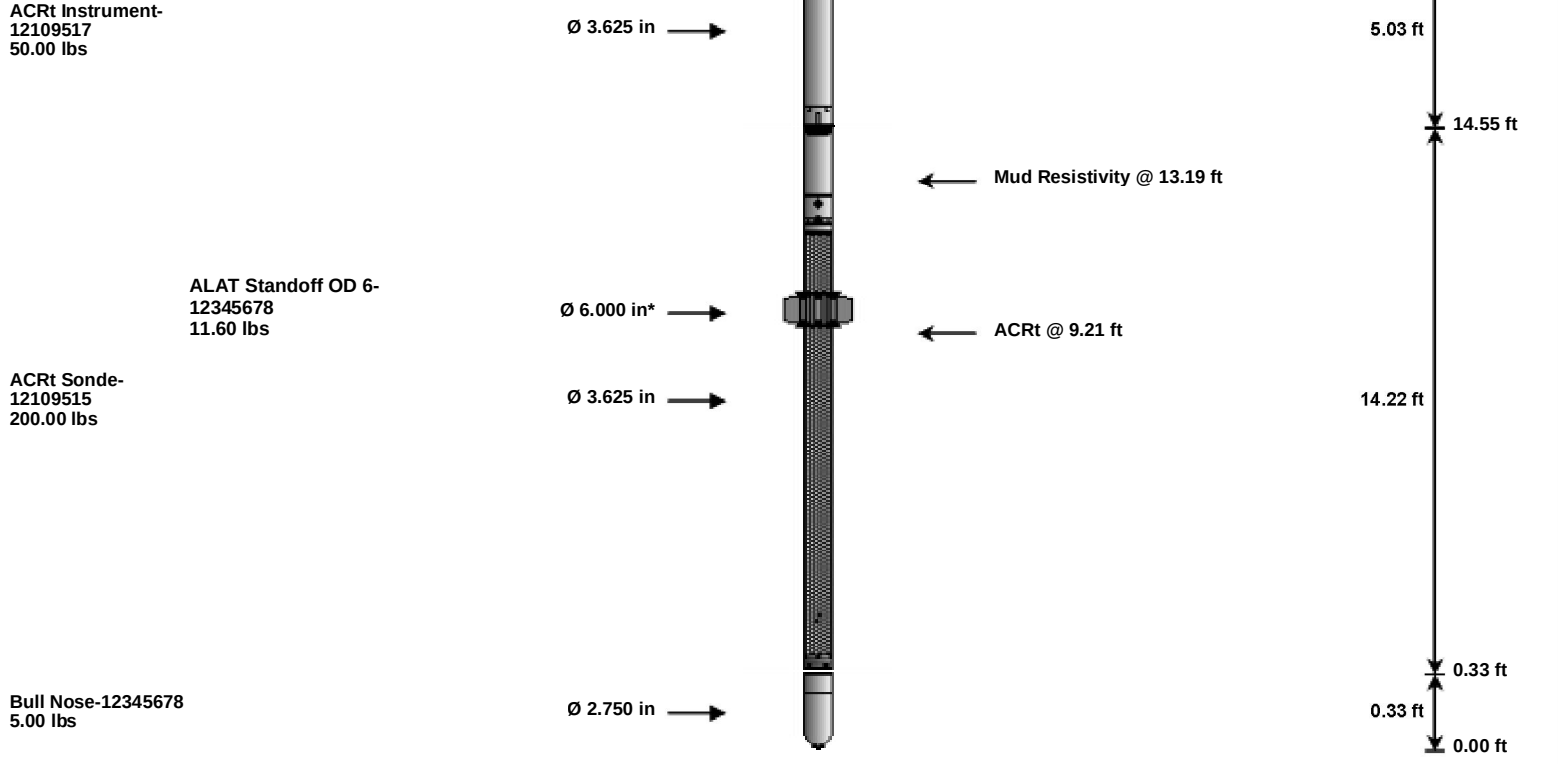
XRMI-I Mandrel-
11742485
206.00 lbs

Ø 5.000 in →
Ø 4.500 in →

11.16 ft

Pads 2, 4, 6 @ 22.35 ft
Pads 1, 3, 5 @ 22.12 ft

19.58 ft



Mnemonic		Tool Name	Serial Number	Weight (lbs)	Length (ft)	Accumulated Length (ft)	Max.Log. Speed (fpm)	
CH_HOS	Hostile Cable Head with Load Cell		11459024	37.50	3.03	100.20	300.00	
XOHD	Hostile to Dits Cross Over		11572809	20.00	0.95	99.25	300.00	
SP	SP Sub		11153357	60.00	3.74	95.51	300.00	
GTET	Gamma Telemetry Tool		11013114	165.00	8.52	86.99	60.00	
DSNT	Dual Spaced Neutron		10993115	174.00	9.69	77.30	60.00	
DCNT	DSN Decentralizer		10993115	6.60	5.13	*	80.63	300.00
SDLT	Spectral Density Tool		12153520	360.00	10.81		66.49	60.00
SDLP	Density Insite Pad		10809130	65.00	2.55	*	68.70	60.00
MICP	Microlog Pad		12153520	8.00	1.00	*	68.99	60.00
IQF	IQ Flex tool		11005585	140.00	5.67		60.82	300.00
BSAT	Borehole Sonic Array Tool		10747686	300.00	15.77		45.04	60.00
XRMI	XRMI Navigation - Insite		10746655	290.00	14.30		30.74	30.00
XRMI-I	XRMI Imager - Insite		11742485	206.00	11.16		19.58	30.00
ACRt	Array Compensated True Resistivity Instrument Section		12109517	50.00	5.03		14.55	120.00
ACRt	Array Compensated True Resistivity Sonde Section		12109515	200.00	14.22		0.33	120.00
ALATS	Array Laterolog Tool OD 6 Standoff		12345678	11.60	1.00	*	9.23	60.00
BLNS	Bull Nose		12345678	5.00	0.33		0.00	300.00
Total				2,098.70	103.23			
								* Not included in Total Length and Length Accumulation.
Data: THORP_1-26R\0001 GTET-DSNT-SDLT-FLEX-BSAT-XRMI-ACRT\IDLE								Date: 12-Jul-18 14:54:59

HALLIBURTON

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	9.600	ppg
	SHARED	WAGT	Weighting Agent	Natural	
	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	2.000	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	5880.00	ft
	SHARED	BHT	Bottom Hole Temperature	135.0	degF
	SHARED	SVTM	Navigation and Survey Master Tool	XRMI-I Instrument	
	SHARED	AZTM	High Res Z Accelerometer Master Tool	XRMI-I Instrument	
	SHARED	TEMM	CBM Temperature Master Tool	GTET	
	SHARED	SOCI	Source of Casing Information	Parameters	
	SHARED	MSAL	Water-base mud filtrate salinity	0.00	ppm
	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	XRMI-I Mandrel	
	Rwa / CrossPlot	ROIN	Input for RO Calculation	Rwa	
	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	XRMI-I Mandrel	
	DSNT2	DNOK	Process DSN?	Yes	
	DSNT2	DEOK	Process DSN EVR?	No	
	DSNT2	NLIT	Neutron Lithology	Limestone	
	DSNT2	DNSO	DSN Standoff - 0.25 in (6.35 mm) Recommended	0.250	in
	DSNT2	DNTT	Temperature Correction Type	None	
	DSNT2	DPRS	DSN Pressure Correction Type	None	
	DSNT2	SHCO	View More Correction Options	No	
	DSNT2	UTVD	Use TVD for Gradient Corrections?	No	
	DSNT2	LHWT	Logging Horizontal Water Tank?	No	
	DSNT2	UCLA	Classic Neutron Parameter utilized?	No	
	DSNT2	BHSM	Borehole Size Source Tool	XRMI-I Mandrel	
	SDLT2	CLOK	Process Caliper Outputs?	Yes	
	Microlog Pad2	MLOK	Process MicroLog Outputs?	Yes	
	SDLT Pad2	DNOK	Process Density?	Yes	
	SDLT Pad2	DNOK	Process Density EVR?	No	
	SDLT Pad2	CB	Logging Calibration Blocks?	No	
	SDLT Pad2	SPVT	SDLT Pad Temperature Valid?	Yes	
	SDLT Pad2	DTWN	Disable temperature warning	No	
	SDLT Pad2	DMA	Formation Density Matrix	2.710	g/cc
	SDLT Pad2	DFL	Formation Density Fluid	1.000	g/cc
	SDLT Pad2	BHSM	Borehole Size Source Tool	SDLT2	
	BSAT	MBOK	Compute BCAS Results?	Yes	
	BSAT	FLLO	Frequency Filter Low Pass Value?	5000	Hz
	BSAT	FLHI	Frequency Filter High Pass Value?	27000	Hz
	BSAT	DTFL	Delta -T Pore Fluid	189.00	uspf
	BSAT	DTMT	Delta -T Matrix Type	Limestone 47.6	
	BSAT	DTSH	Delta -T Shale	100.00	uspf
	BSAT	CPFO	Acoustic Porosity Equation	Medium	

BSAT	SPEQ	Acoustic Porosity Equation	Wyllie
XRMI-I Instrument	WRTI	Survey Writing Interval	30 ft
XRMI-I Instrument	SOPT	Smoothing Option	None
XRMI-I Instrument	AO	Angular Offset Between Imaging Tools	0 deg
XRMI-I Mandrel	DIMG	Process XRMI?	Yes
XRMI-I Mandrel	ALMT	Image Alignment Method	TOOL
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	BHSM	Borehole Size Source Tool	XRMI-I Mandrel
XRMI-I Mandrel	CLOK	Process Caliper Outputs?	Yes
XRMI-I Mandrel	CMAX	Caliper Maximum Limit	100.0 in
XRMI-I Mandrel	CMIN	Caliper Mimimum Limit	3.5 in
XRMI-I Mandrel	NAVS	Navigation Source Tool	XRMI-I Instrument
XRMI-I Mandrel	BHVC	Radius type for borehole volume calcuations	Elliptical
XRMI-I Mandrel	CCL	Caliper Correction Algorithm	None
ACRt Sonde	RTOK	Process ACRT?	Yes
ACRt Sonde	MNSO	Minimum Tool Standoff	1.50 in
ACRt Sonde	TCS1	Temperature Correction Source	FP Lwr & FP Upr
ACRt Sonde	TPOS	Tool Position	Free Hanging
ACRt Sonde	RMOP	Rmud Source	Mud Cell
ACRt Sonde	RMIN	Minimum Resistivity for MAP	0.20 ohmm
ACRt Sonde	RMAX	Maximum Resistivity for MAP	200.00 ohmm
ACRt Sonde	THQY	Threshold Quality	0.50
ACRt Sonde	MRFX	Fixed mud resistivity	2000 ohmm
ACRt Sonde	BHSM	Borehole Size Source Tool	XRMI-I Mandrel
ACRt Sonde	MBFL	Apply Corkscrew Effect?	No
BOTTOM			
Data: THORP_1-26R10001 GTET-DSNT-SDLT-FLEX-BSAT-XRMI-ACRTIDLE			Date: 12-Jul-18 16:44:46

HALLIBURTON CALIBRATION REPORT			
NATURAL GAMMA RAY TOOL SHOP CALIBRATION			
Tool Name:	GTET - 11013114	Reference Calibration Date:	20-May-18 14:50:21
Engineer:	JORGE ORLANDO PEREZ	Calibration Date:	05-Jun-18 11:57:37
Software Version:	WL INSITE R5.6.0 (Build 2)	Calibration Version:	1
Calibrator Source S/N: TB-146 Calibrator API Reference:225.00 api Equivalent Calibrator API Reference:228.9 api			
	Measurement	Measured	Calibrated Units
	Background	35.2	35.7 api
	Background + Calibrator	260.9	264.7 api
	Calibrator	225.7	228.9 api
NATURAL GAMMA RAY TOOL FIELD CALIBRATION			
Tool Name:	GTET - 11013114	Reference Calibration Date:	05-Jun-18 11:57:37
Engineer:	JORGE ORLANDO PEREZ	Calibration Date:	06-Jul-18 09:11:08
Software Version:	WL INSITE R5.6.0 (Build 2)	Calibration Version:	1

Calibrator Source S/N: TB-146
Calibrator API Reference:225.00 api
Equivalent Calibrator API Reference:228.9 api

Field Verification	Shop	Field	Units
Background	35.7	25.5	api
Background + Calibrator	264.7	253.6	api
Calibrator	228.9	228.1	api

Shop	Field	Difference	Tolerance
228.9	228.1	0.8	+/- 9.00

DENSITY CALIPER SHOP CALIBRATION

Tool Name:SDLT2 - 12153520

Reference Calibration Date:05-Jun-18 10:31:07

Engineer:JORGE ORLANDO PEREZ

Calibration Date:05-Jun-18 10:38:49

Software Version:WL INSITE R5.6.0 (Build 2)

Calibration Version:1

Host Tool Name:DSNT - 10993115

CALIBRATION COEFFICIENTS			
Measurement	Previous Value	New Value	Control Limit On New Value
Pad Offset	-4928.64	-5107.21	-7000.00 - -1000.00
Pad Gain	0.0003765	0.0003757	0.0002000 - 0.0006000
Arm Offset	-3652.41	-3183.13	-5000.00 - 3000.00
Arm Gain	0.0005508	0.0005255	0.000300 - 0.000700
Arm Power	-0.000006501	-0.000005130	-0.000010000 - 0.000010000

The ring diameter is computed from: DIAMETER = PAD EXTENSION + ARM EXTENSION + TOOL DIAMETER
Tool Diameter: 4.50 in

CALIBRATION RINGS				
Measurement	Current Reading (Previous Coeff.)	Calibrated (New Coeff.)	Change	Control Limit On New Value
PAD EXTENSION:				
Small Ring (in)	2.07	2.00	-0.07	+/- 0.20
Medium Ring (in)	3.83	3.75	-0.08	+/- 0.20
RING DIAMETER:				
Small Ring (in)	6.41	6.50	0.09	+/- 0.20
Medium Ring (in)	8.22	8.25	0.03	+/- 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

SDLT CALIPER FIELD CALIBRATION

Tool Name:SDLT2 - 12153520

Reference Calibration Date:05-Jun-18 10:38:49

Engineer:JORGE ORLANDO PEREZ

Calibration Date:06-Jul-18 09:04:06

Software Version:WL INSITE R5.6.0 (Build 2)

Calibration Version:1

MEASURED CALIPER VALUES				
Measurement	Shop	Field	Change	Control Limit On New Value
Pad Extension	3.83	3.75	-0.08	+/- 0.10
Ring Diameter	8.25	8.30	0.05	+/- 0.15

PASS/FAIL SUMMARY	
Pad Extension Check:	Passed
Diameter Check:	Passed

TPUL	Tension Pull	52.30	NO	
STAT	Status	52.30	NO	
DLYT	Delay Time	52.30	NO	
SI	Sample Interval	52.30	NO	
TXRX	Raw Telemetry 10 Receivers	52.30	NO	
FRMC	Tool Frame Count	52.30	NO	
GMOD	Gain processing mode	45.04	NO	
XRMI-I Mandrel				
TPUL	Tension Pull	22.35	NO	
PAD1	XRMI Pad 1 values	22.12	NO	
PAD2	XRMI Pad 2 values	22.12	NO	
PAD3	XRMI Pad 3 values	22.12	NO	
PAD4	XRMI Pad 4 values	22.12	NO	
PAD5	XRMI Pad 5 values	22.12	NO	
PAD6	XRMI Pad 6 values	22.12	NO	
OD1	EMI Odd Button Values Pad 1	22.12	NO	
OD2	EMI Odd Button Values Pad 2	22.35	NO	
OD3	EMI Odd Button Values Pad 3	22.12	NO	
OD4	EMI Odd Button Values Pad 4	22.35	NO	
OD5	EMI Odd Button Values Pad 5	22.12	NO	
OD6	EMI Odd Button Values Pad 6	22.35	NO	
EV1	EMI Even Button Values Pad 1	22.14	NO	
EV2	EMI Even Button Values Pad 2	22.32	NO	
EV3	EMI Even Button Values Pad 3	22.14	NO	
EV4	EMI Even Button Values Pad 4	22.32	NO	
EV5	EMI Even Button Values Pad 5	22.14	NO	
EV6	EMI Even Button Values Pad 6	22.32	NO	
ITMP	Instrument Temperature	19.58	NO	
EMIM	Tool Mode	19.58	NO	
HAZI	Hole Azimuth	21.87	NO	
HAZD	Hole Azimuth - Down Delay	22.37	NO	
ACCZ	Accelerometer Z	22.12	NO	
RB	Relative Bearing	21.87	NO	
RBD	Relative Bearing Down	22.37	NO	
TPUL	Tension Pull	22.35	NO	
FIR1	Current Button R - Pad 1	22.12	NO	
FIR2	Current Button R - Pad 2	22.35	NO	
FIR3	Current Button R - Pad 3	22.12	NO	
FIR4	Current Button R - Pad 4	22.35	NO	
FIR5	Current Button R - Pad 5	22.12	NO	
FIR6	Current Button R - Pad 6	22.35	NO	
FIX1	Current Button X - Pad 1	22.12	NO	
FIX2	Current Button X - Pad 2	22.35	NO	
FIX3	Current Button X - Pad 3	22.12	NO	
FIX4	Current Button X - Pad 4	22.35	NO	
FIX5	Current Button X - Pad 5	22.12	NO	
FIX6	Current Button X - Pad 6	22.35	NO	
SIR1	Current Slow Button R - Pad 1	22.12	BLK	3.000
SIR2	Current Slow Button R - Pad 2	22.35	BLK	3.000
SIR3	Current Slow Button R - Pad 3	22.12	BLK	3.000
SIR4	Current Slow Button R - Pad 4	22.35	BLK	3.000
SIR5	Current Slow Button R - Pad 5	22.12	BLK	3.000
SIR6	Current Slow Button R - Pad 6	22.35	BLK	3.000
SIX1	Current Slow Button X - Pad 1	22.12	BLK	3.000
SIX2	Current Slow Button X - Pad 2	22.35	BLK	3.000
SIX3	Current Slow Button X - Pad 3	22.12	BLK	3.000
SIX4	Current Slow Button X - Pad 4	22.35	BLK	3.000
SIX5	Current Slow Button X - Pad 5	22.12	BLK	3.000

SIX3	Current Slow Button X - Pad 3	22.12	BLK	3.000
SIX6	Current Slow Button X - Pad 6	22.35	BLK	3.000
EMMR	Phasor Voltage - Real Part	22.12	NO	
EMMX	Phasor Voltage - Imaginary Part	22.12	NO	
PADV	Pad Voltage	19.58	BLK	0.250
ITMP	Instrument Temperature	19.58	BLK	0.000
CON1	Conductivity Pad 1	22.12	BLK	3.000
CON2	Conductivity Pad 2	22.35	BLK	3.000
CON3	Conductivity Pad 3	22.12	BLK	3.000
CON4	Conductivity Pad 4	22.35	BLK	3.000
CON5	Conductivity Pad 5	22.12	BLK	3.000
CON6	Conductivity Pad 6	22.35	BLK	3.000
UIR2	Current Button R No Delay - Pad 2	22.12	NO	
UIR4	Current Button R No Delay - Pad 4	22.12	NO	
UIR6	Current Button R No Delay - Pad 6	22.12	NO	
UIX2	Current Button X No Delay - Pad 2	22.12	NO	
UIX4	Current Button X No Delay - Pad 4	22.12	NO	
UIX6	Current Button X No Delay - Pad 6	22.12	NO	
HDIA	Measured Hole Diameter	0.00	NO	
TPUL	Tension Pull	22.35	NO	
ARM1	Caliper 1 measurement	22.12	BLK	0.000
ARM2	Caliper 2 measurement	22.12	BLK	0.000
ARM3	Caliper 3 measurement	22.12	BLK	0.000
ARM4	Caliper 4 measurement	22.12	BLK	0.000
ARM5	Caliper 5 measurement	22.12	BLK	0.000
ARM6	Caliper 6 measurement	22.12	BLK	0.000
MOTV	Motor Voltage 1	22.12	BLK	0.000
PRES	Caliper percentage of total compression of the spring	19.58	BLK	0.000
HAZI	Hole Azimuth	22.12	NO	
RB	Relative Bearing	22.12	NO	
AZI1	PAD1 Azimuth	22.12	NO	
DEVI	Inclination	22.12	NO	
ACRt Sonde				
TPUL	Tension Pull	2.73	NO	
F1R1	ACRT 12KHz - 80in R value	8.98	BLK	0.000
F1X1	ACRT 12KHz - 80in X value	8.98	BLK	0.000
F1R2	ACRT 12KHz - 50in R value	6.48	BLK	0.000
F1X2	ACRT 12KHz - 50in X value	6.48	BLK	0.000
F1R3	ACRT 12KHz - 29in R value	4.98	BLK	0.000
F1X3	ACRT 12KHz - 29in X value	4.98	BLK	0.000
F1R4	ACRT 12KHz - 17in R value	3.98	BLK	0.000
F1X4	ACRT 12KHz - 17in X value	3.98	BLK	0.000
F1R5	ACRT 12KHz - 10in R value	3.48	BLK	0.000
F1X5	ACRT 12KHz - 10in X value	3.48	BLK	0.000
F1R6	ACRT 12KHz - 6in R value	3.23	BLK	0.000
F1X6	ACRT 12KHz - 6in X value	3.23	BLK	0.000
F2R1	ACRT 36KHz - 80in R value	8.98	BLK	0.000
F2X1	ACRT 36KHz - 80in X value	8.98	BLK	0.000
F2R2	ACRT 36KHz - 50in R value	6.48	BLK	0.000
F2X2	ACRT 36KHz - 50in X value	6.48	BLK	0.000
F2R3	ACRT 36KHz - 29in R value	4.98	BLK	0.000
F2X3	ACRT 36KHz - 29in X value	4.98	BLK	0.000
F2R4	ACRT 36KHz - 17in R value	3.98	BLK	0.000
F2X4	ACRT 36KHz - 17in X value	3.98	BLK	0.000
F2R5	ACRT 36KHz - 10in R value	3.48	BLK	0.000
F2X5	ACRT 36KHz - 10in X value	3.48	BLK	0.000
F2R6	ACRT 36KHz - 6in R value	3.23	BLK	0.000
F2X6	ACRT 36KHz - 6in X value	3.23	BLK	0.000

F3R1	ACRT 72KHz - 80in R value	8.98	BLK	0.000
F3X1	ACRT 72KHz - 80in X value	8.98	BLK	0.000
F3R2	ACRT 72KHz - 50in R value	6.48	BLK	0.000
F3X2	ACRT 72KHz - 50in X value	6.48	BLK	0.000
F3R3	ACRT 72KHz - 29in R value	4.98	BLK	0.000
F3X3	ACRT 72KHz - 29in X value	4.98	BLK	0.000
F3R4	ACRT 72KHz - 17in R value	3.98	BLK	0.000
F3X4	ACRT 72KHz - 17in X value	3.98	BLK	0.000
F3R5	ACRT 72KHz - 10in R value	3.48	BLK	0.000
F3X5	ACRT 72KHz - 10in X value	3.48	BLK	0.000
F3R6	ACRT 72KHz - 6in R value	3.23	BLK	0.000
F3X6	ACRT 72KHz - 6in X value	3.23	BLK	0.000
RMUD	Mud Resistivity	12.52	BLK	0.000
F1RT	Transmitter Reference 12 KHz Real Signal	2.73	BLK	0.000
F1XT	Transmitter Reference 12 KHz Imaginary Signal	2.73	BLK	0.000
F2RT	Transmitter Reference 36 KHz Real Signal	2.73	BLK	0.000
F2XT	Transmitter Reference 36 KHz Imaginary Signal	2.73	BLK	0.000
F3RT	Transmitter Reference 72 KHz Real Signal	2.73	BLK	0.000
F3XT	Transmitter Reference 72 KHz Imaginary Signal	2.73	BLK	0.000
TFPU	Upper Feedpipe Temperature Calculated	2.73	BLK	0.000
TFPL	Lower Feedpipe Temperature Calculated	2.73	BLK	0.000
ITMP	Instrument Temperature	2.73	BLK	0.000
TCVA	Temperature Correction Values Loop Off	2.73	NO	
TIDV	Instrument Temperature Derivative	2.73	NO	
TUDV	Upper Temperature Derivative	2.73	NO	
TLDV	Lower Temperature Derivative	2.73	NO	
TRBD	Receiver Board Temperature	2.73	NO	
HDIA	Measured Hole Diameter	0.00	NO	
Microlog Pad2				
TPUL	Tension Pull	69.49	NO	
MINV	Microlog Lateral	69.49	BLK	0.750
MNOR	Microlog Normal	69.49	BLK	0.750
SDLT Pad2				
TPUL	Tension Pull	69.29	NO	
NAB	Near Above	69.12	BLK	0.920
NHI	Near Cesium High	69.12	BLK	0.920
NLO	Near Cesium Low	69.12	BLK	0.920
NVA	Near Valley	69.12	BLK	0.920
NBA	Near Barite	69.12	BLK	0.920
NDE	Near Density	69.12	BLK	0.920
NPK	Near Peak	69.12	BLK	0.920
NLI	Near Lithology	69.12	BLK	0.920
NBAU	Near Barite Unfiltered	69.12	BLK	0.250
NLIU	Near Lithology Unfiltered	69.12	BLK	0.250
FAB	Far Above	69.47	BLK	0.250
FHI	Far Cesium High	69.47	BLK	0.250
FLO	Far Cesium Low	69.47	BLK	0.250
FVA	Far Valley	69.47	BLK	0.250
FBA	Far Barite	69.47	BLK	0.250
FDE	Far Density	69.47	BLK	0.250
FPK	Far Peak	69.47	BLK	0.250
FLI	Far Lithology	69.47	BLK	0.250
PTMP	Pad Temperature	69.30	BLK	0.920
NHV	Near Detector High Voltage	68.70	NO	
FHV	Far Detector High Voltage	68.70	NO	
ITMP	Instrument Temperature	68.70	NO	
DDHV	Detector High Voltage	68.70	NO	
NEP1	Near Cesium Pad 1	69.23	BLK	0.920
NEP2	Near Cesium Pad 2	69.23	BLK	0.920
NEP3	Near Cesium Pad 3	69.23	BLK	0.920
NEP4	Near Cesium Pad 4	69.23	BLK	0.920
NEP5	Near Cesium Pad 5	69.23	BLK	0.920
NEP6	Near Cesium Pad 6	69.23	BLK	0.920
NEP7	Near Cesium Pad 7	69.23	BLK	0.920
NEP8	Near Cesium Pad 8	69.23	BLK	0.920
NEP9	Near Cesium Pad 9	69.23	BLK	0.920
NEP10	Near Cesium Pad 10	69.23	BLK	0.920
NEP11	Near Cesium Pad 11	69.23	BLK	0.920
NEP12	Near Cesium Pad 12	69.23	BLK	0.920
NEP13	Near Cesium Pad 13	69.23	BLK	0.920
NEP14	Near Cesium Pad 14	69.23	BLK	0.920
NEP15	Near Cesium Pad 15	69.23	BLK	0.920
NEP16	Near Cesium Pad 16	69.23	BLK	0.920
NEP17	Near Cesium Pad 17	69.23	BLK	0.920
NEP18	Near Cesium Pad 18	69.23	BLK	0.920
NEP19	Near Cesium Pad 19	69.23	BLK	0.920
NEP20	Near Cesium Pad 20	69.23	BLK	0.920
NEP21	Near Cesium Pad 21	69.23	BLK	0.920
NEP22	Near Cesium Pad 22	69.23	BLK	0.920
NEP23	Near Cesium Pad 23	69.23	BLK	0.920
NEP24	Near Cesium Pad 24	69.23	BLK	0.920
NEP25	Near Cesium Pad 25	69.23	BLK	0.920
NEP26	Near Cesium Pad 26	69.23	BLK	0.920
NEP27	Near Cesium Pad 27	69.23	BLK	0.920
NEP28	Near Cesium Pad 28	69.23	BLK	0.920
NEP29	Near Cesium Pad 29	69.23	BLK	0.920
NEP30	Near Cesium Pad 30	69.23	BLK	0.920
NEP31	Near Cesium Pad 31	69.23	BLK	0.920
NEP32	Near Cesium Pad 32	69.23	BLK	0.920
NEP33	Near Cesium Pad 33	69.23	BLK	0.920
NEP34	Near Cesium Pad 34	69.23	BLK	0.920
NEP35	Near Cesium Pad 35	69.23	BLK	0.920
NEP36	Near Cesium Pad 36	69.23	BLK	0.920
NEP37	Near Cesium Pad 37	69.23	BLK	0.920
NEP38	Near Cesium Pad 38	69.23	BLK	0.920
NEP39	Near Cesium Pad 39	69.23	BLK	0.920
NEP40	Near Cesium Pad 40	69.23	BLK	0.920
NEP41	Near Cesium Pad 41	69.23	BLK	0.920
NEP42	Near Cesium Pad 42	69.23	BLK	0.920
NEP43	Near Cesium Pad 43	69.23	BLK	0.920
NEP44	Near Cesium Pad 44	69.23	BLK	0.920
NEP45	Near Cesium Pad 45	69.23	BLK	0.920
NEP46	Near Cesium Pad 46	69.23	BLK	0.920
NEP47	Near Cesium Pad 47	69.23	BLK	0.920
NEP48	Near Cesium Pad 48	69.23	BLK	0.920
NEP49	Near Cesium Pad 49	69.23	BLK	0.920
NEP50	Near Cesium Pad 50	69.23	BLK	0.920
NEP51	Near Cesium Pad 51	69.23	BLK	0.920
NEP52	Near Cesium Pad 52	69.23	BLK	0.920
NEP53	Near Cesium Pad 53	69.23	BLK	0.920
NEP54	Near Cesium Pad 54	69.23	BLK	0.920
NEP55	Near Cesium Pad 55	69.23	BLK	0.920
NEP56	Near Cesium Pad 56	69.23	BLK	0.920
NEP57	Near Cesium Pad 57	69.23	BLK	0.920
NEP58	Near Cesium Pad 58	69.23	BLK	0.920
NEP59	Near Cesium Pad 59	69.23	BLK	0.920
NEP60	Near Cesium Pad 60	69.23	BLK	0.920
NEP61	Near Cesium Pad 61	69.23	BLK	0.920
NEP62	Near Cesium Pad 62	69.23	BLK	0.920
NEP63	Near Cesium Pad 63	69.23	BLK	0.920
NEP64	Near Cesium Pad 64	69.23	BLK	0.920
NEP65	Near Cesium Pad 65	69.23	BLK	0.920
NEP66	Near Cesium Pad 66	69.23	BLK	0.920
NEP67	Near Cesium Pad 67	69.23	BLK	0.920
NEP68	Near Cesium Pad 68	69.23	BLK	0.920
NEP69	Near Cesium Pad 69	69.23	BLK	0.920
NEP70	Near Cesium Pad 70	69.23	BLK	0.920
NEP71	Near Cesium Pad 71	69.23	BLK	0.920
NEP72	Near Cesium Pad 72	69.23	BLK	0.920
NEP73	Near Cesium Pad 73	69.23	BLK	0.920
NEP74	Near Cesium Pad 74	69.23	BLK	0.920
NEP75	Near Cesium Pad 75	69.23	BLK	0.920
NEP76	Near Cesium Pad 76	69.23	BLK	0.920
NEP77	Near Cesium Pad 77	69.23	BLK	0.920
NEP78	Near Cesium Pad 78	69.23	BLK	0.920
NEP79	Near Cesium Pad 79	69.23	BLK	0.920
NEP80	Near Cesium Pad 80	69.23	BLK	0.920
NEP81	Near Cesium Pad 81	69.23	BLK	0.920
NEP82	Near Cesium Pad 82	69.23	BLK	0.920
NEP83	Near Cesium Pad 83	69.23	BLK	0.920
NEP84	Near Cesium Pad 84	69.23	BLK	0.920
NEP85	Near Cesium Pad 85	69.23	BLK	0.920
NEP86	Near Cesium Pad 86	69.23	BLK	0.920
NEP87	Near Cesium Pad 87	69.23	BLK	0.920
NEP88	Near Cesium Pad 88	69.23	BLK	0.920
NEP89	Near Cesium Pad 89	69.23	BLK	0.920
NEP90	Near Cesium Pad 90	69.23	BLK	0.920
NEP91	Near Cesium Pad 91	69.23	BLK	0.920
NEP92	Near Cesium Pad 92	69.23	BLK	0.920
NEP93	Near Cesium Pad 93	69.23	BLK	0.920
NEP94	Near Cesium Pad 94	69.23	BLK	0.920
NEP95	Near Cesium Pad 95	69.23	BLK	0.920
NEP96	Near Cesium Pad 96	69.23	BLK	0.920
NEP97	Near Cesium Pad 97	69.23	BLK	0.920
NEP98	Near Cesium Pad 98	69.23	BLK	0.920
NEP99	Near Cesium Pad 99	69.23	BLK	0.920
NEP100	Near Cesium Pad 100	69.23	BLK	0.920
NEP101	Near Cesium Pad 101	69.23	BLK	0.920
NEP102	Near Cesium Pad 102	69.23	BLK	0.920
NEP103	Near Cesium Pad 103	69.23	BLK	0.920
NEP104	Near Cesium Pad 104	69.23	BLK	0.920
NEP105	Near Cesium Pad 105	69.23	BLK	0.920
NEP106	Near Cesium Pad 106	69.23	BLK	0.920
NEP107	Near Cesium Pad 107	69.23	BLK	0.920
NEP108	Near Cesium Pad 108	69.23	BLK	0.920
NEP109	Near Cesium Pad 109	69.23	BLK	0.920
NEP110	Near Cesium Pad 110	69.23	BLK	0.920
NEP111	Near Cesium Pad 111	69.23	BLK	0.920
NEP112	Near Cesium Pad 112	69.23	BLK	0.920
NEP113	Near Cesium Pad 113	69.23	BLK	0.920
NEP114	Near Cesium Pad 114	69.23	BLK	0.920
NEP115	Near Cesium Pad 115	69.23	BLK	0.920
NEP116	Near Cesium Pad 116	69.23	BLK	0.920
NEP117	Near Cesium Pad 117	69.23	BLK	0.920
NEP118	Near Cesium Pad 118	69.23	BLK	0.920
NEP119	Near Cesium Pad 119	69.23	BLK	0.920
NEP120	Near Cesium Pad 120	69.23	BLK	0.920
NEP121	Near Cesium Pad 121	69.23	BLK	0.920
NEP122	Near Cesium Pad 122	69.23	BLK	0.920
NEP123	Near Cesium Pad 123	69.23	BLK	0.920
NEP124	Near Cesium Pad 124	69.23	BLK	0.920
NEP125	Near Cesium Pad 125	69.23	BLK	0.920
NEP126	Near Cesium Pad 126	69.23	BLK	0.920
NEP127	Near Cesium Pad 127	69.23	BLK	0.920
NEP128	Near Cesium Pad 128	69.23	BLK	0.920
NEP129	Near Cesium Pad 129	69.23	BLK	0.920
NEP130	Near Cesium Pad 130	69.23	BLK	0.920
NEP131	Near Cesium Pad 131	69.23	BLK	0.920
NEP132	Near Cesium Pad 132	69.23	BLK	0.920
NEP133	Near Cesium Pad 133	69.23	BLK	0.920
NEP134	Near Cesium Pad 134	69.23	BLK	0.920
NEP135	Near Cesium Pad 135	69.23	BLK	0.920
NEP136	Near Cesium Pad 136	69.23	BLK	0.920
NEP137	Near Cesium Pad 137	69.23	BLK	0.920
NEP138	Near Cesium Pad 138	69.23	BLK	0.920
NEP139	Near Cesium Pad 139	69.23	BLK	0.920
NEP140	Near Cesium Pad 140	69.23	BLK	0.920
NEP141	Near Cesium Pad 141	69.23	BLK	0.920
NEP142	Near Cesium Pad 142	69.23	BLK	0.920
NEP143	Near Cesium Pad 143	69.23	BLK	0.920
NEP144	Near Cesium Pad 144	69.23	BLK	0.920
NEP145	Near Cesium Pad 145	69.23	BLK	0.920
NEP146	Near Cesium Pad 146	69.23	BLK	0.920
NEP147	Near Cesium Pad 147	69.23	BLK	0.920
NEP148	Near Cesium Pad 148	69.23	BLK	0.920
NEP149	Near Cesium Pad 149	69.23	BLK	0.920
NEP150	Near Cesium Pad 150	69.23	BLK	0.920
NEP151	Near Cesium Pad 151	69.23	BLK	0.920
NEP152	Near Cesium Pad 152	69.23	BLK	0.920
NEP153	Near Cesium Pad 153	69.23	BLK	0.920
NEP154	Near Cesium Pad 154	69.23	BLK	0.920
NEP155	Near Cesium Pad 155	69.23	BLK	0.920
NEP156	Near Cesium Pad 156	69.23	BLK	0.920
NEP157	Near Cesium Pad 157	69.23	BLK	0.920
NEP158	Near Cesium Pad 158	69.23	BLK	0.920
NEP159	Near Cesium Pad 159	69.23	BLK	0.920
NEP160	Near Cesium Pad 160	69.23	BLK	0.920
NEP161	Near Cesium Pad 161	69.23	BLK	0.920
NEP162	Near Cesium Pad 162	69.23	BLK	0.920
NEP163	Near Cesium Pad 163	69.23	BLK	0.920
NEP164	Near Cesium Pad 164	69.23	BLK	0.920
NEP165	Near Cesium Pad 165	69.23	BLK	0.920
NEP166	Near Cesium Pad 166	69.23	BLK	0.920
NEP167	Near Cesium Pad 167	69.23	BLK	0.920
NEP168	Near Cesium Pad 168	69.23	BLK	0.920
NEP169	Near Cesium Pad 169	69.23	BLK	0.920
NEP170	Near Cesium Pad 170	69.23	BLK	0.920
NEP171	Near Cesium Pad 171	69.23	BLK	0.920
NEP172	Near Cesium Pad 172	69.23	BLK	0.920
NEP173	Near Cesium Pad 173	69.23	BLK	0.920
NEP174	Near Cesium Pad 174	69.23	BLK	0.920
NEP175	Near Cesium Pad 175	69.23	BLK	0.920
NEP176	Near Cesium Pad 176	69.23	BLK	0.920
NEP177	Near Cesium Pad 177	69.23	BLK	0.920
NEP178	Near Cesium Pad 178	69.23	BLK	0.920
NEP179	Near Cesium Pad 179	69.23	BLK	0.920
NEP180	Near Cesium Pad 180	69.23	BLK	0.920
NEP181	Near Cesium Pad 181	69.23	BLK	0.920
NEP182	Near Cesium Pad 182	69.23	BLK	0.920
NEP183	Near Cesium Pad 183	69.23		

HDIA	Measured Hole Diameter	0.00	NO
Data: THORP_1-26R\0001 GTET-DSNT-SDLT-FLEX-BSAT-XRMI-ACRT\IDLE			Date: 12-Jul-18 16:44:59
COMPANY	RAYDON EXPLORATION, INC.		
WELL	THORP 1-26R		
FIELD	KISMET		
COUNTY	SEWARD	STATE	KANSAS
HALLIBURTON		BOREHOLE COMPENSATED SONIC ARRAY LOG	