

HALLIBURTON

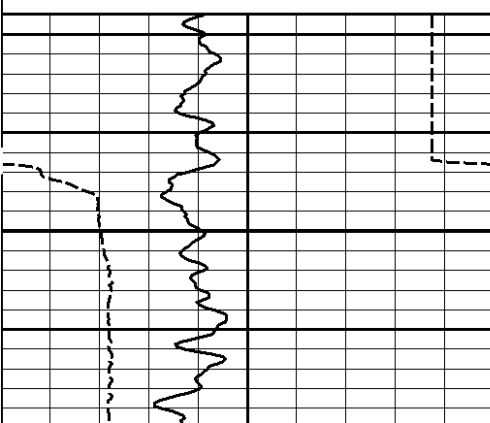
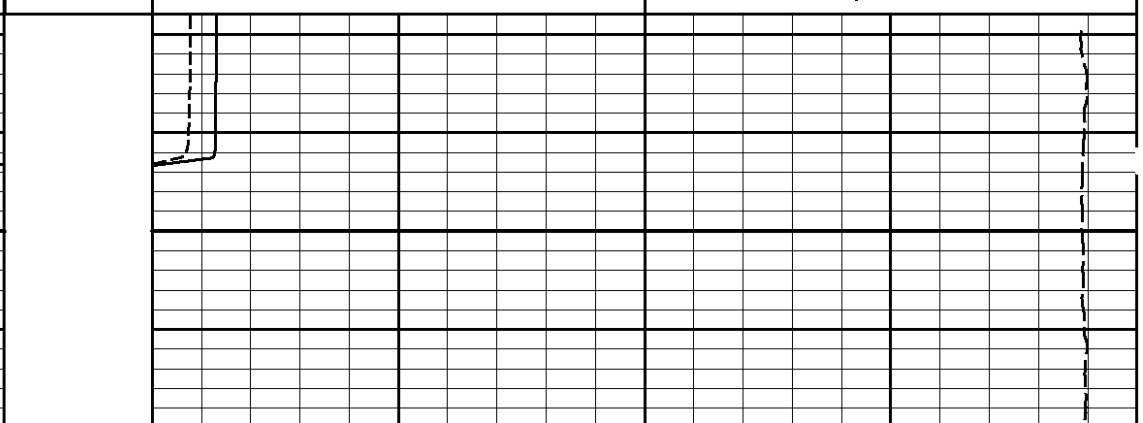
MICROLOG

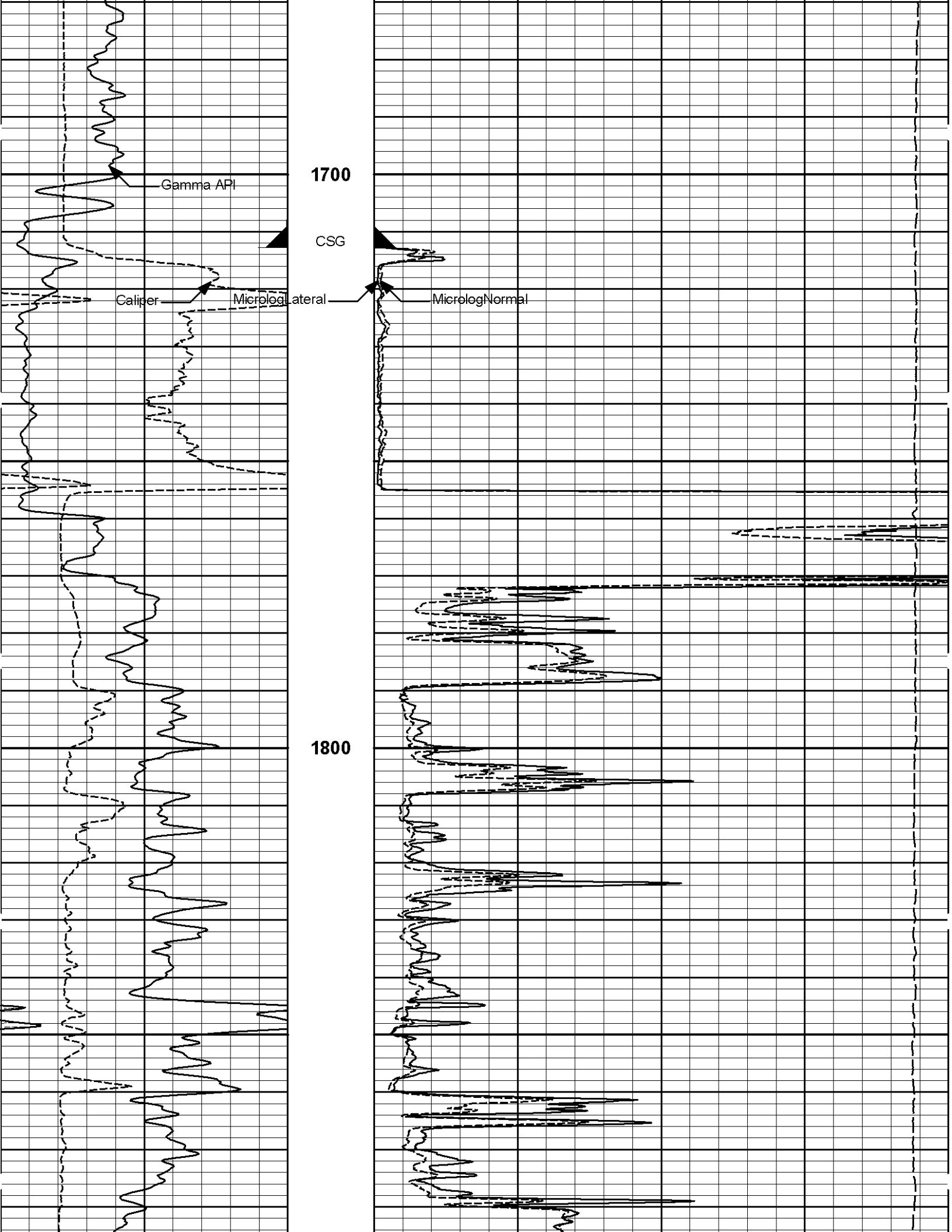
HALLIBURTON										MICROLOG				
EOG RESOURCES					EOG RESOURCES									
LAURA 21#1					LAURA 21#1									
WILD CAT					WILD CAT									
STEVENS					STEVENS									
KANSAS					KANSAS									
COMPANY					COMPANY									
WELL					WELL									
FIELD					FIELD									
COUNTY					COUNTY									
STATE					STATE									
Permanent Datum					GL					Elev. 3139.0 ft				
Log measured from					KB					Elev. 12.0 ft above perm. Datum				
Drilling measured from					KB					G.L.				
Date					11-Nov-10									
Run No.					ONE									
Depth - Driller					6650.00 ft									
Depth - Logger					6651.0 ft									
Bottom - Logged Interval					6607.00 ft									
Top - Logged Interval					1713.00 ft									
Casing - Driller					8.625 in @ 1714.0 ft					@				
Casing - Logger					1713.0 ft					@				
Bit Size					7.875 in					@				
Type Fluid in Hole					WATER BASE MUD									
Density					9.0 ppq					52.00 s/qt				
PH					9.00 pH					8.4 cpm				
Source of Sample					FLOWLINE									
Rm @ Meas. Temperature					1.240 ohmm @ 75.00 degF					@				
Rmf @ Meas. Temperature					1.05 ohmm @ 75.00 degF					@				
Rmc @ Meas. Temperature					1.550 ohmm @ 75.00 degF					@				
Source Rmf					CALCULATED					CALCULATED				
Rm @ BHT					0.65 ohmm @ 150.0 degF					@				
Time Since Circulation					4.0 hr									
Time on Bottom					11-Nov-10 12:46									
Max. Rec. Temperature					150.0 degF @ 6651.0 ft					@				
Equipment					10549592					PV OK				
Recorded By					J.COTHREN					EDSON DA ROSA				
Witnessed By					SCOTT MUELLER									

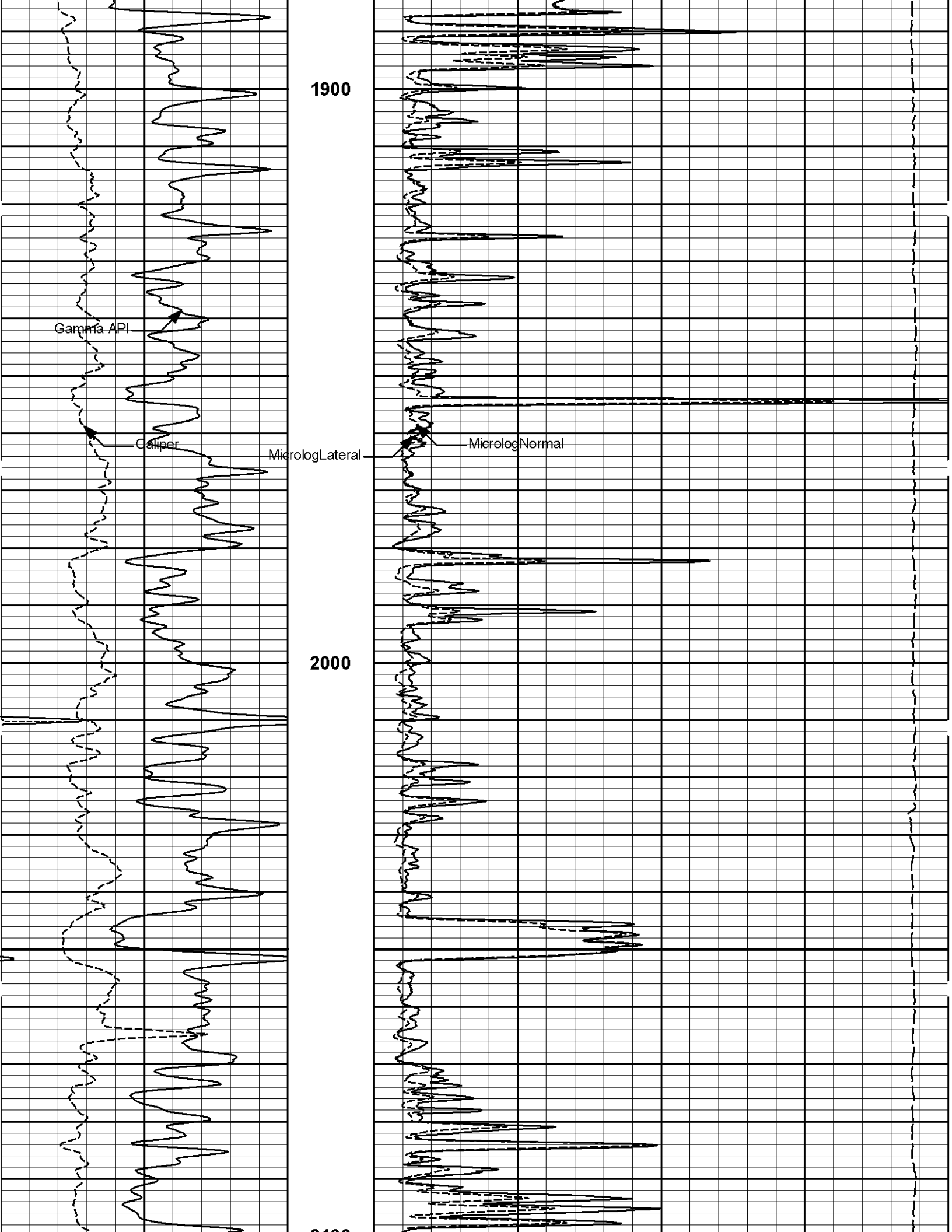
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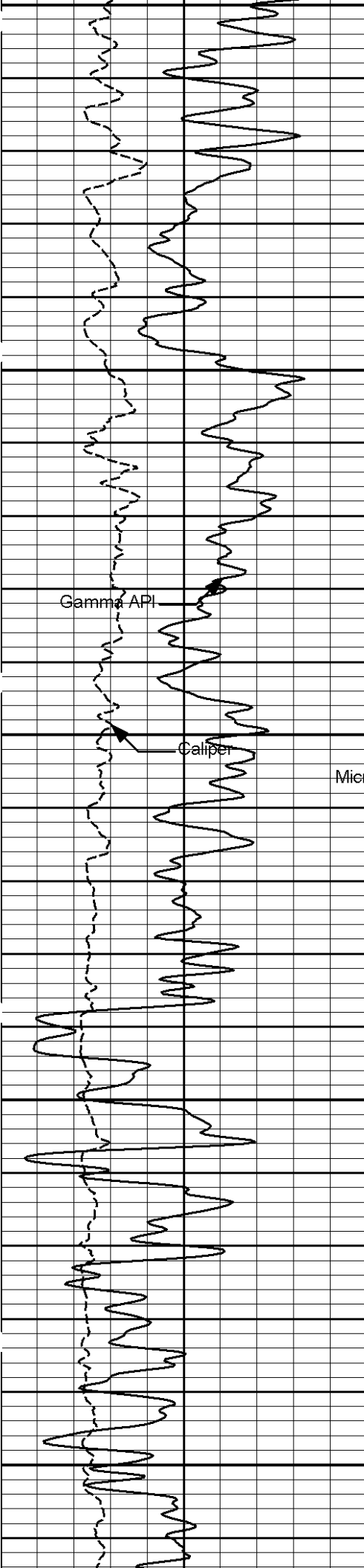
Service Ticket No.: 7763501						API Serial No.: 15-189-22757						PGM Version: WL INSITE R3.2.1 (Build 7)															
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE												RESISTIVITY SCALE CHANGES															
Date		Sample No.										Type Log		Depth		Scale Up Hole				Scale Down Hole							
Depth-Driller																											
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		MICROLOG		SLIM				ADJ.				N/A			
Rmc @ Meas. Temp.				@				@																			
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.		11013113				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		10'				FWDA [Y/N]						Strength						Strength									

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	TD	CSG	REC	0	150									
DIRECTIONAL INFORMATION														
Maximum Deviation @								KOP @						
Remarks: ANNULAR HOLE VOLUME CALCULATED FOR 4.5 AND 5.5 INCH PRODUCTION CASING.														
ACRT/SDL/DSN/MICROLOG/GAMMA ALL RUN IN COMBINATION.														
CHLORIDES REPORTED AT 1200 ppm. LCM REPORTED AT 10 lb/bbl.														
THANK YOU FOR CHOOSING HALIBURTON ENERGY SERVICES, PAULS VALLEY, OKLAHOMA														
YOUR CREW: R. EATON, J. WOODS.														
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 HALIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALIBURTON 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		Plot Time: 11-Nov-10 16:43:41 Plot Range: 1627.92 ft to 6560 ft Data: LAURA_21-1\Well Based\MAIN_PASS\ Plot File: \\-LOCAL-LAURA_21-1\0001 QUAD_RED\MICROLOG\EOG_Microlog_5_MAIN_IQ	
5 INCH MAIN LOG			
		PERMEABLE	
SHALE		0	MicrologNormal 20
		ohm-metre	
0	Gamma API 150	0	MicrologLateral 20
api		ohm-metre	
6	Caliper 16	1 : 240 ft	15K Tension 0
inches		pounds	
			



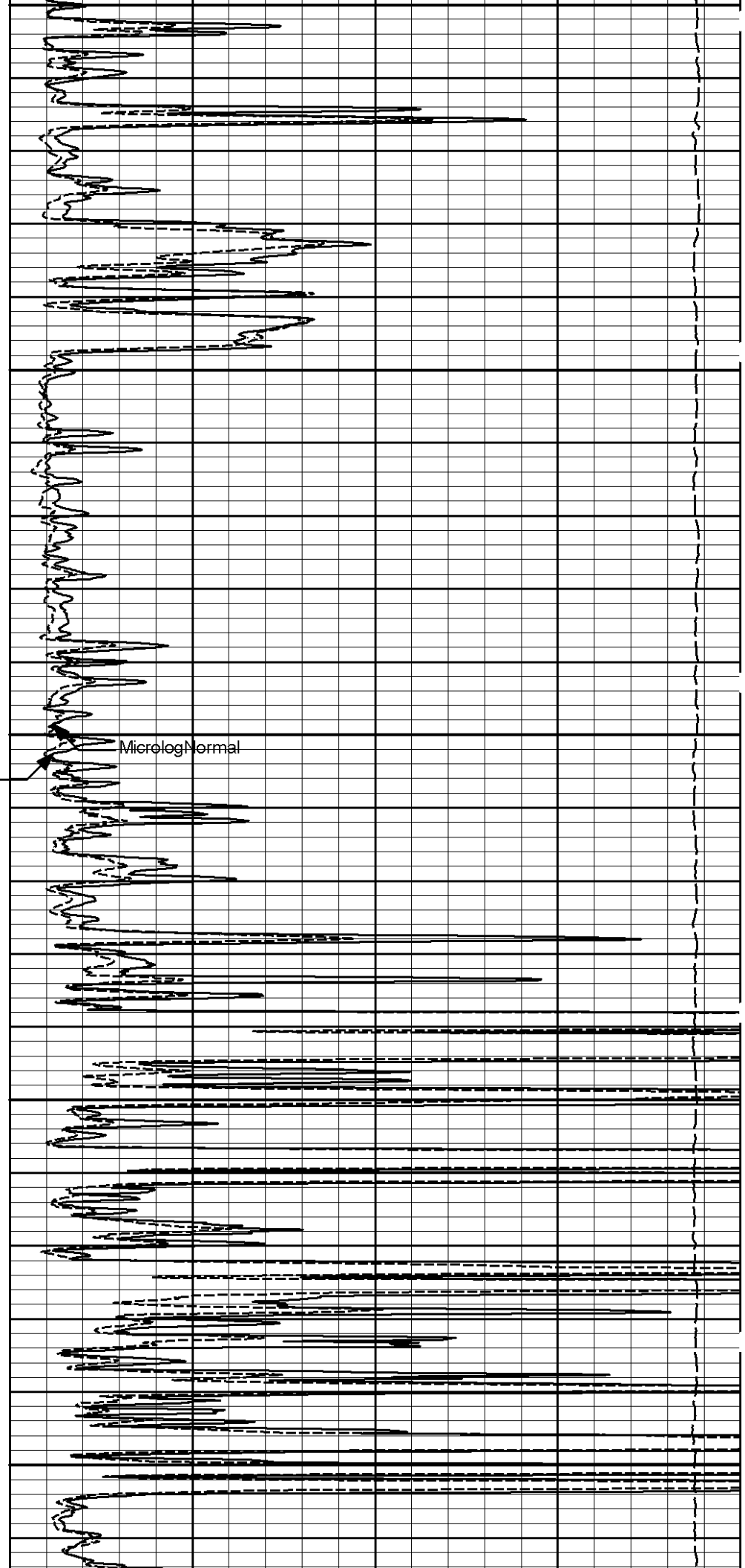


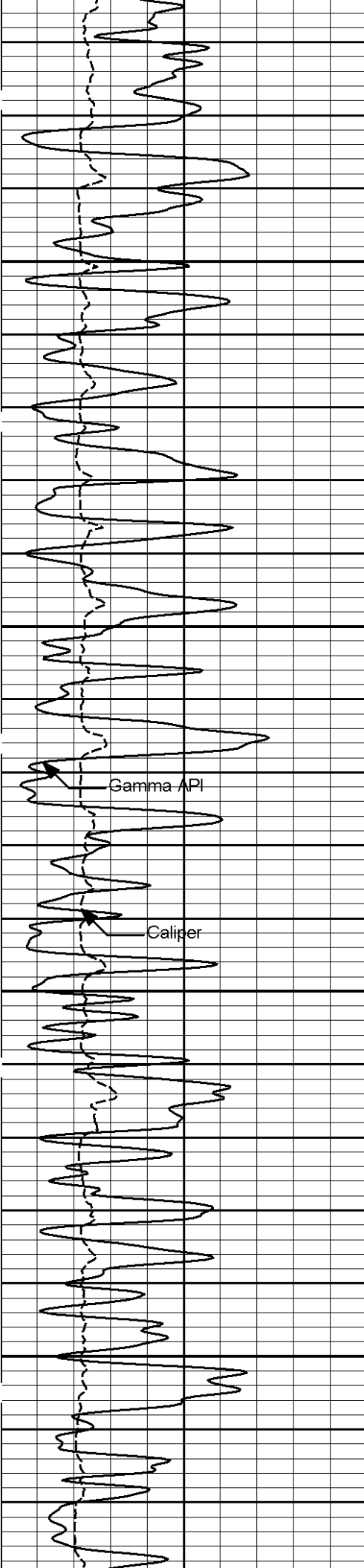


2100

2200

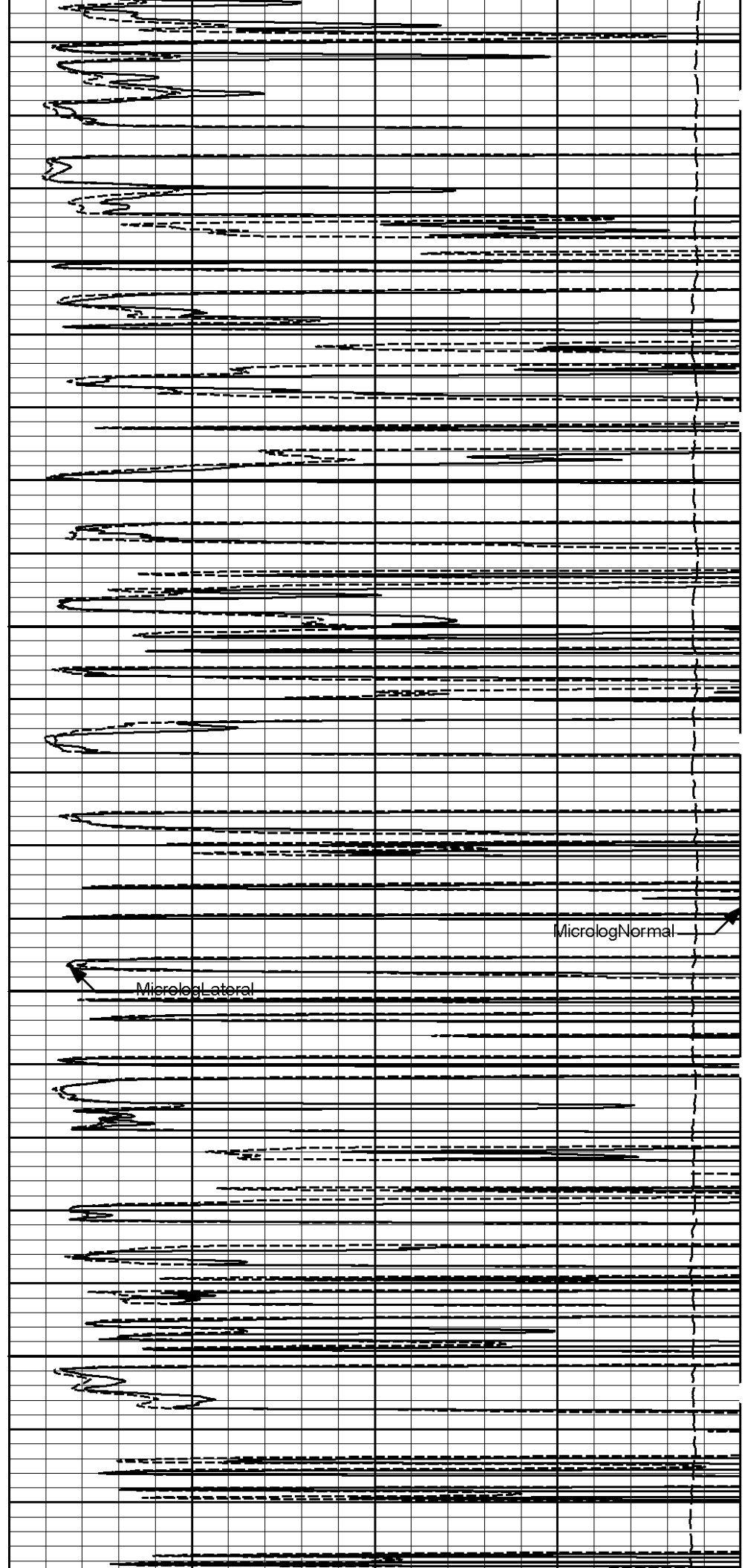
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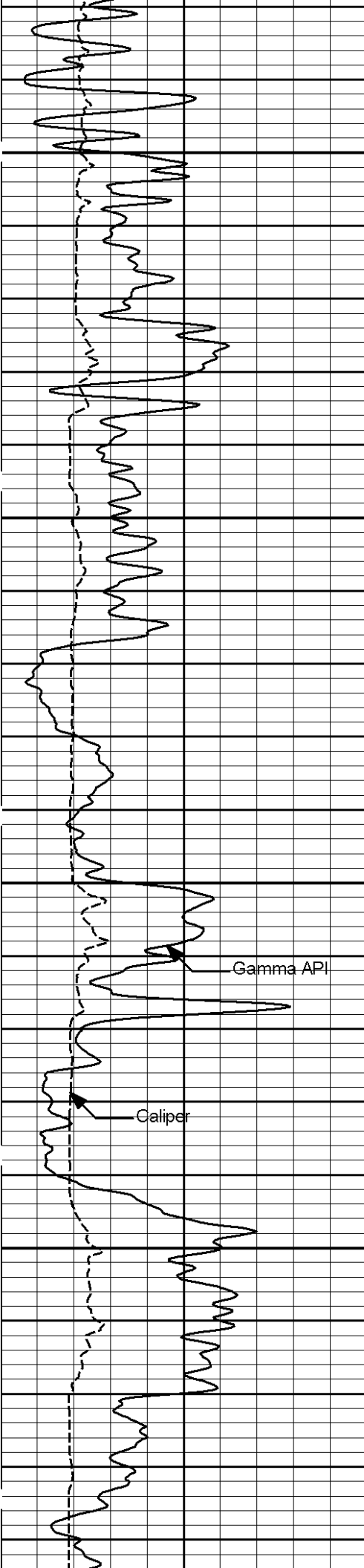




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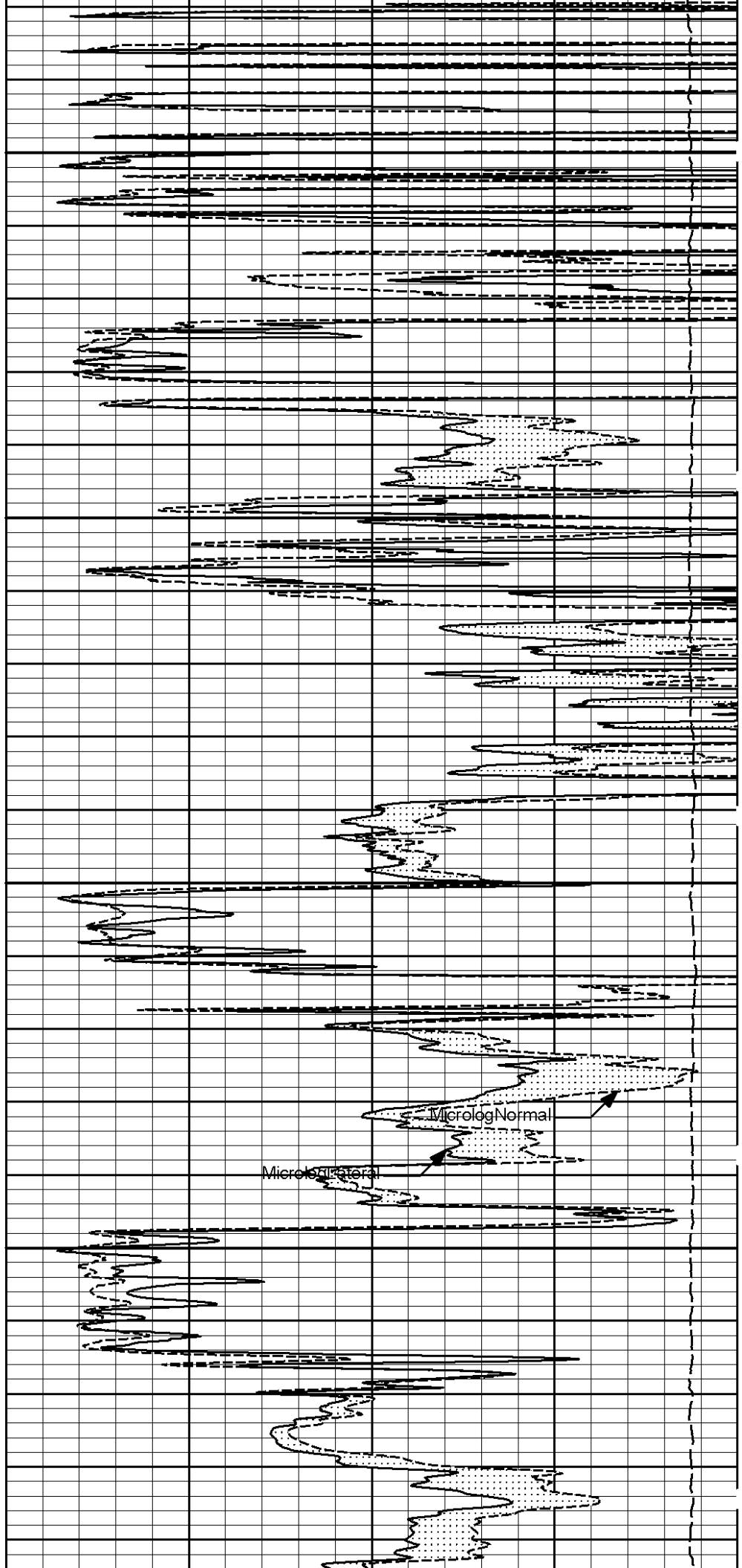
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2600

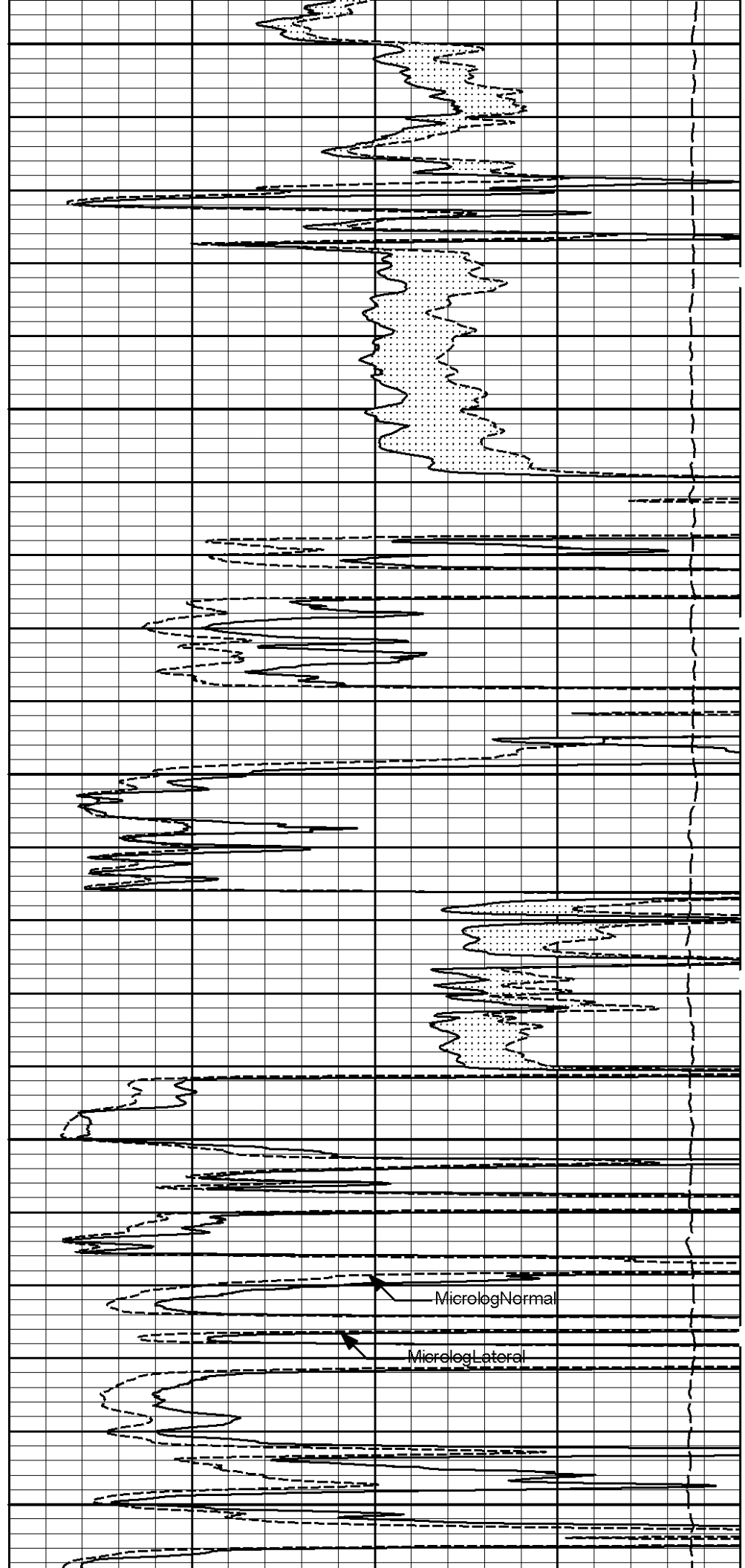
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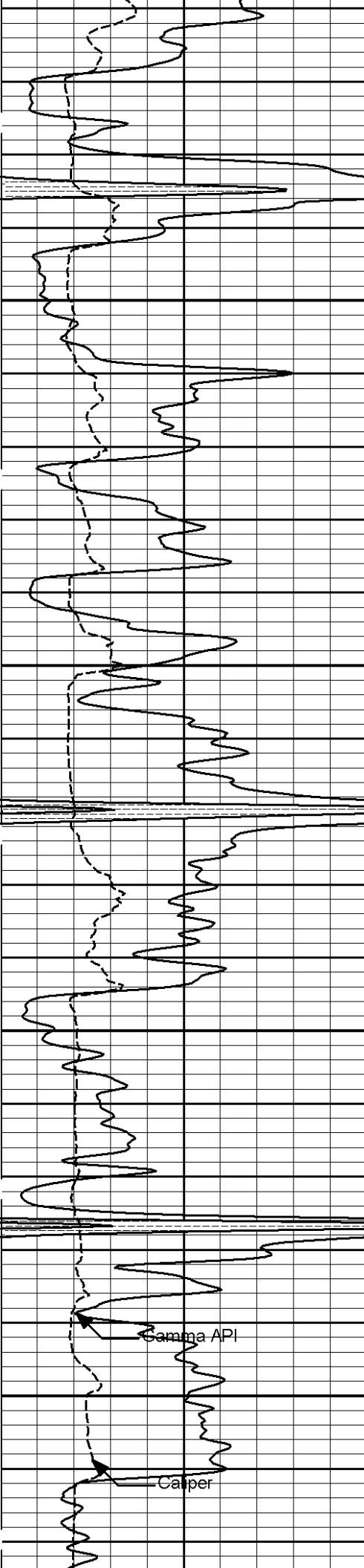




2800

2900



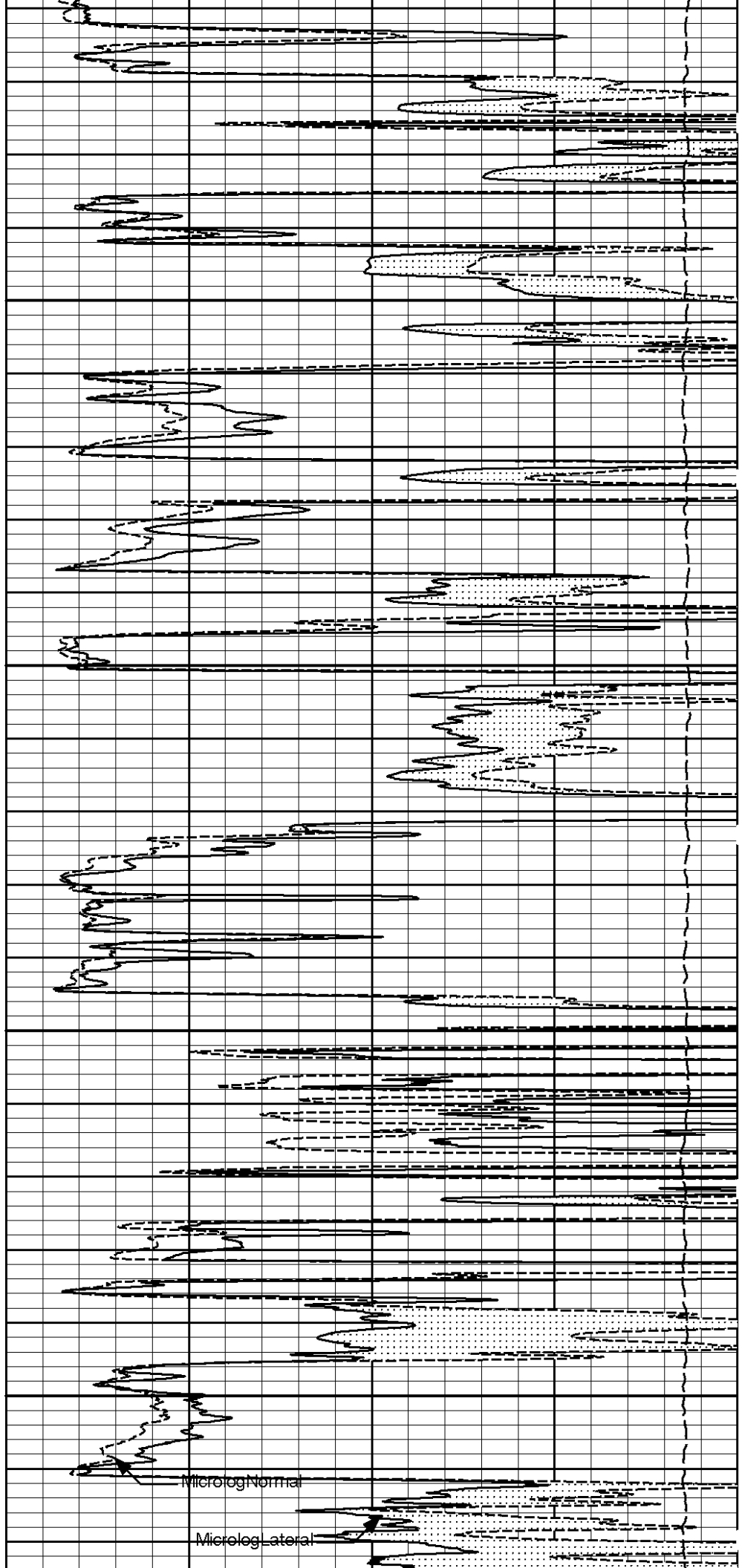


3000

3100

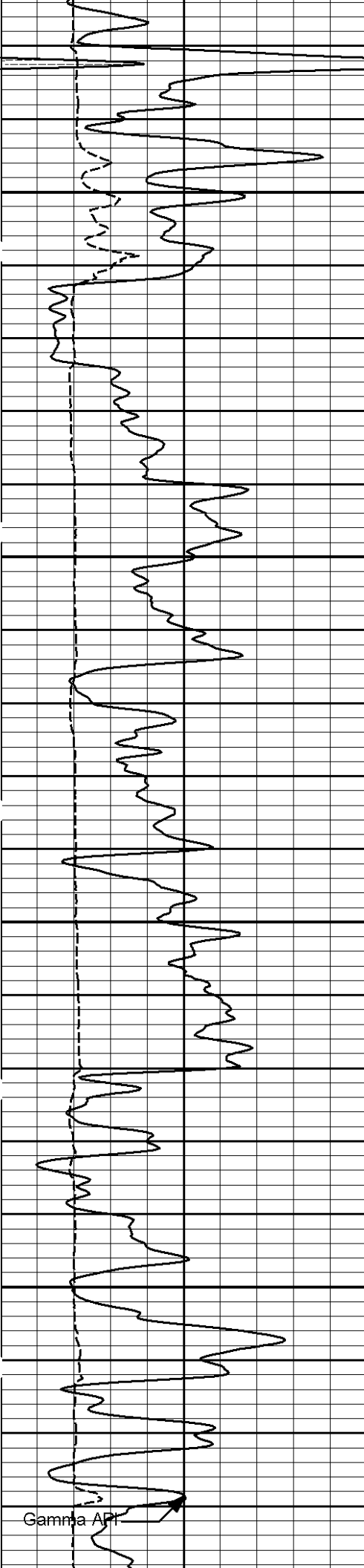
Gamma API

Caliper



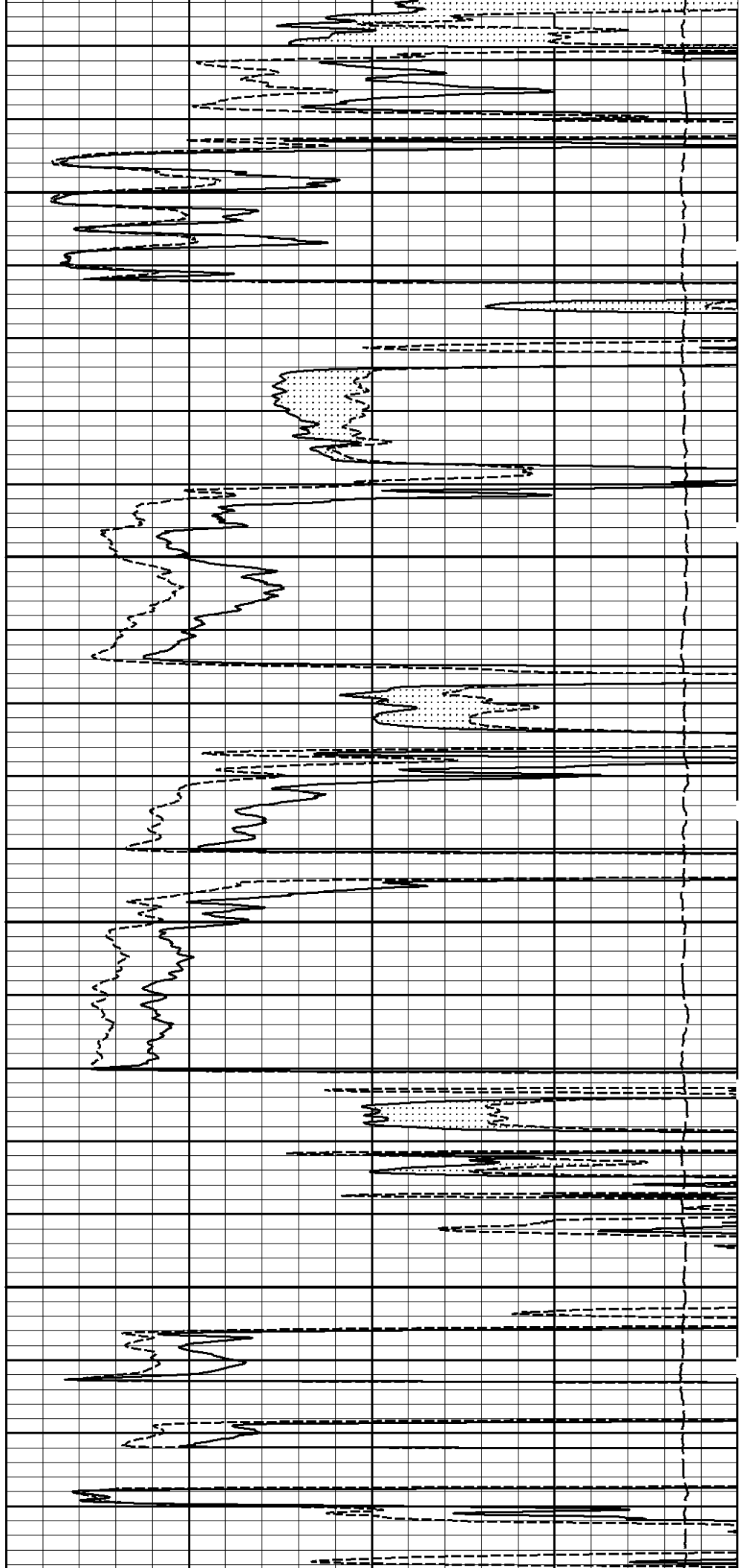
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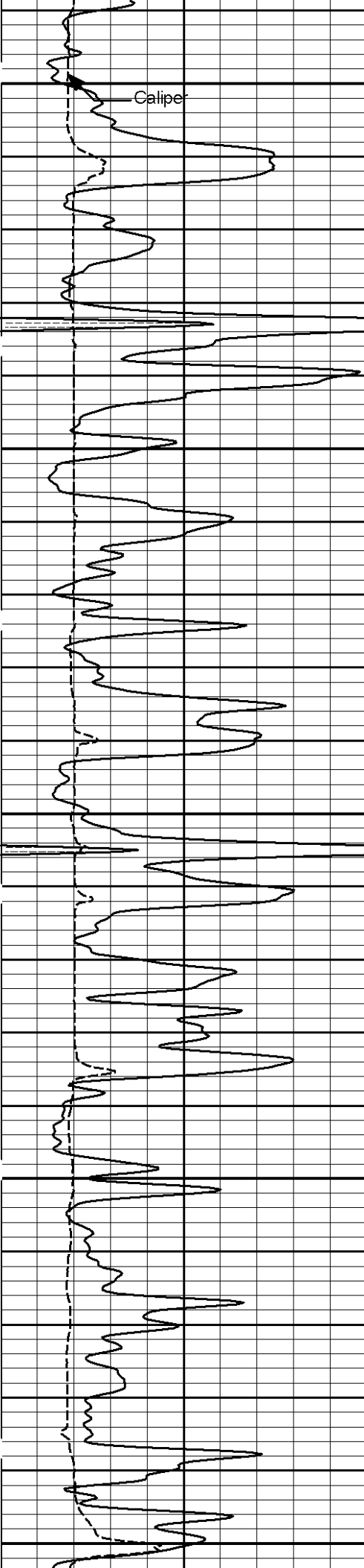
MicrologLateral



3200

3300



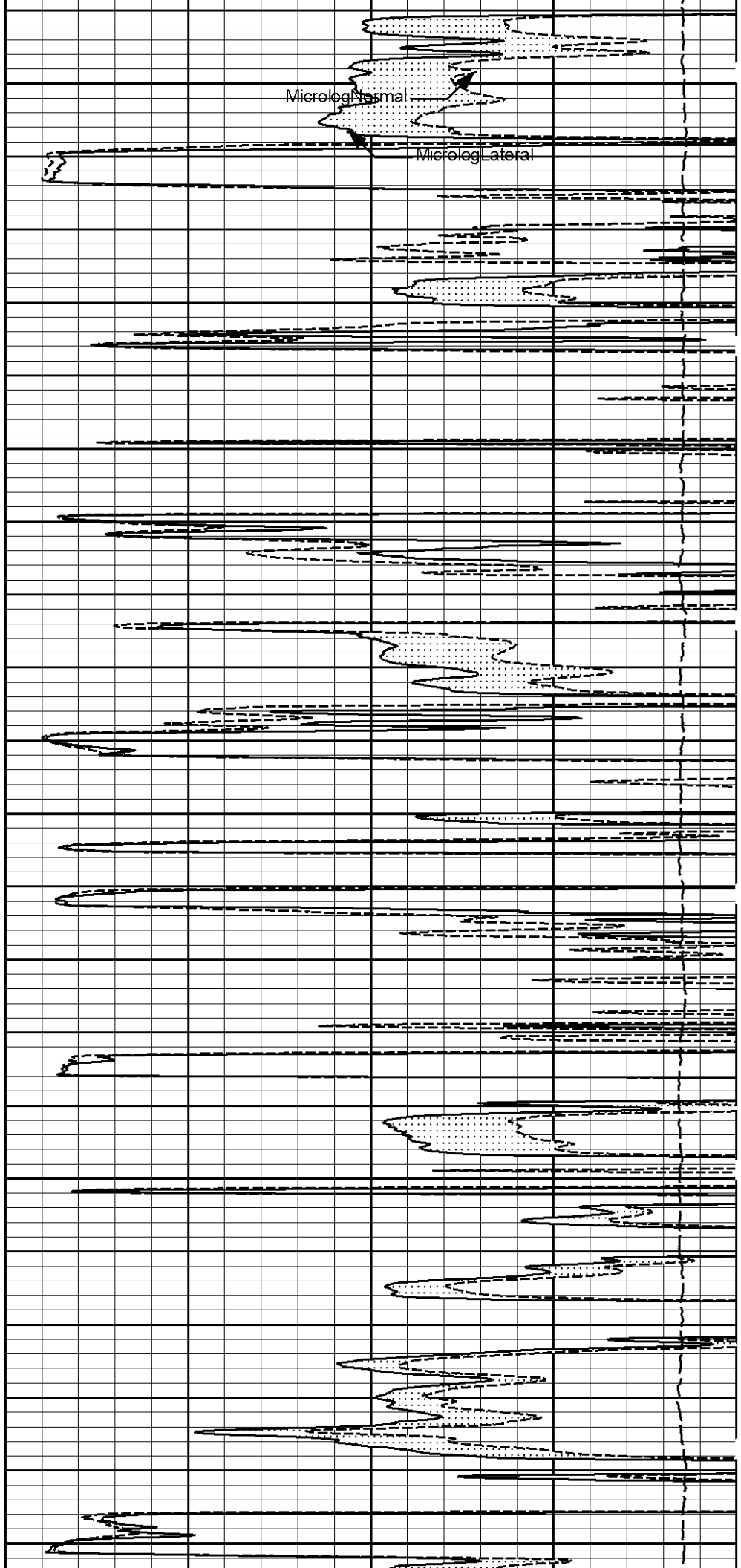


Caliper

3400

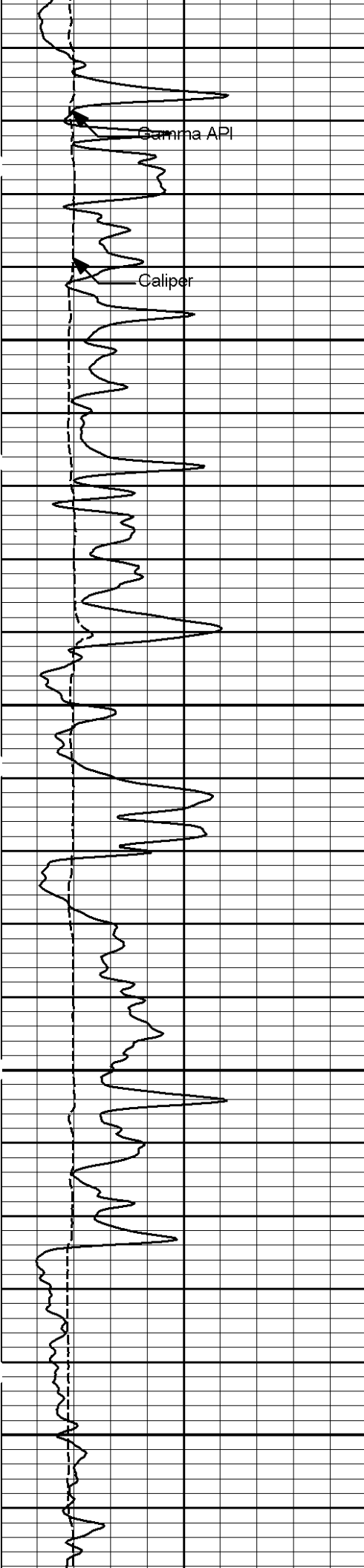
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3600



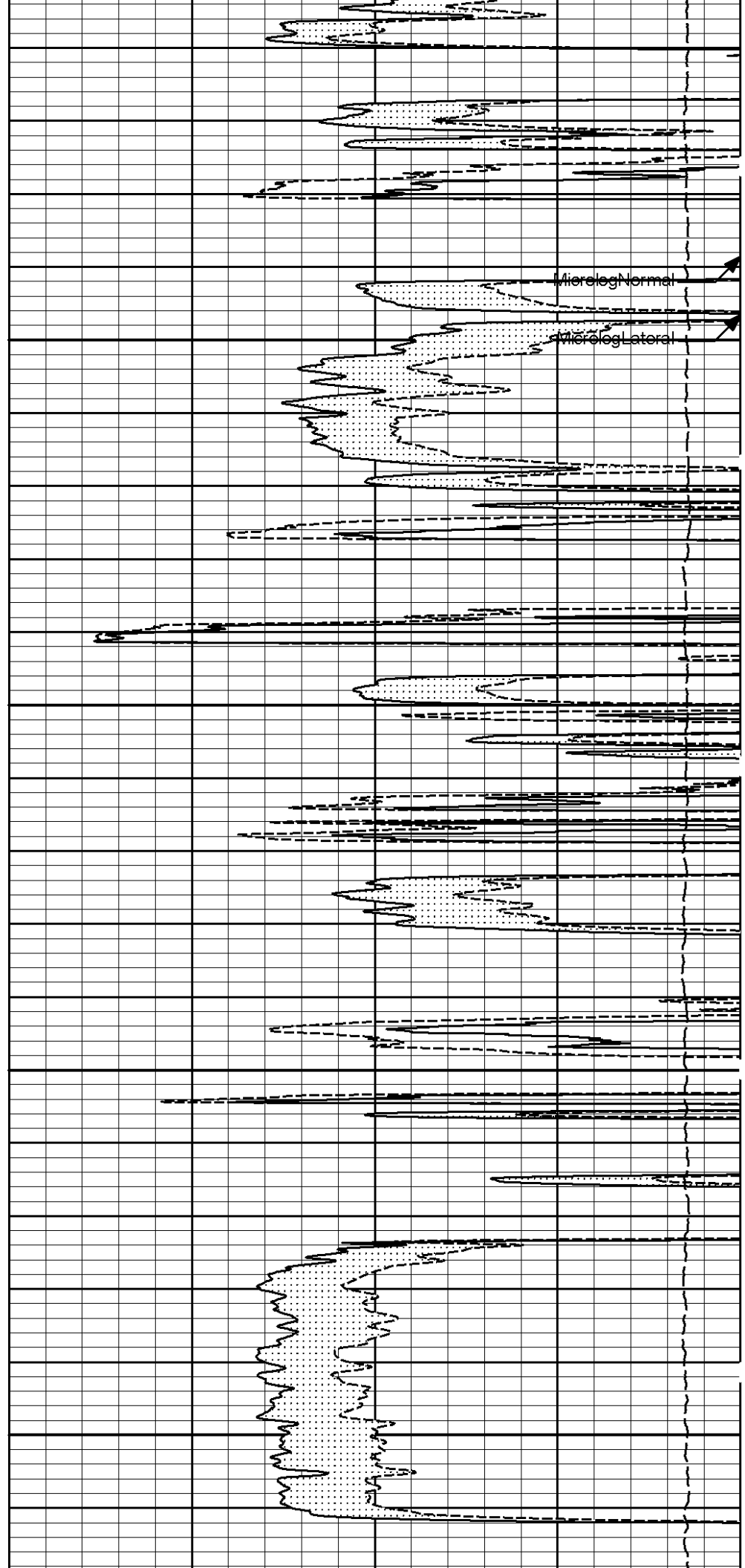
Microlog Normal

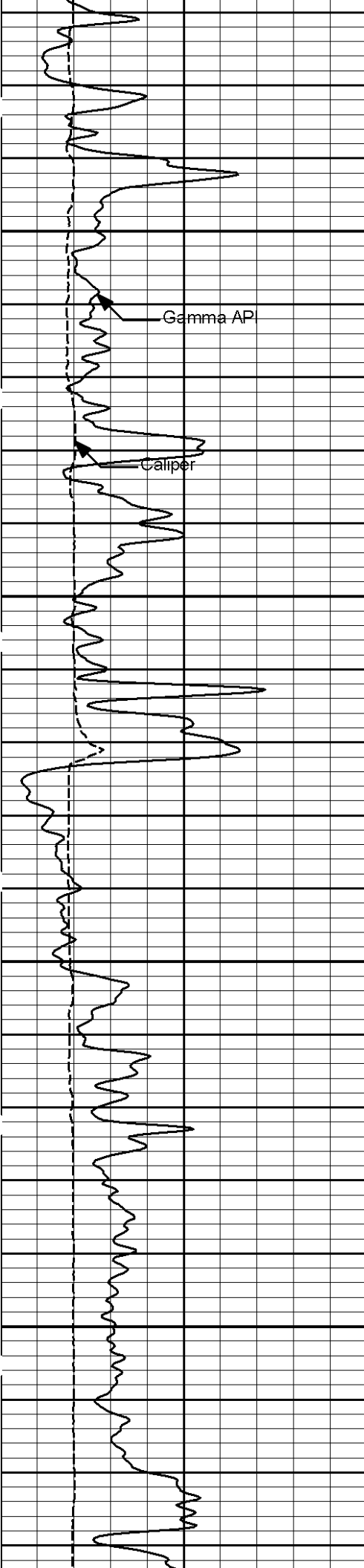
Microlog Lateral



3700

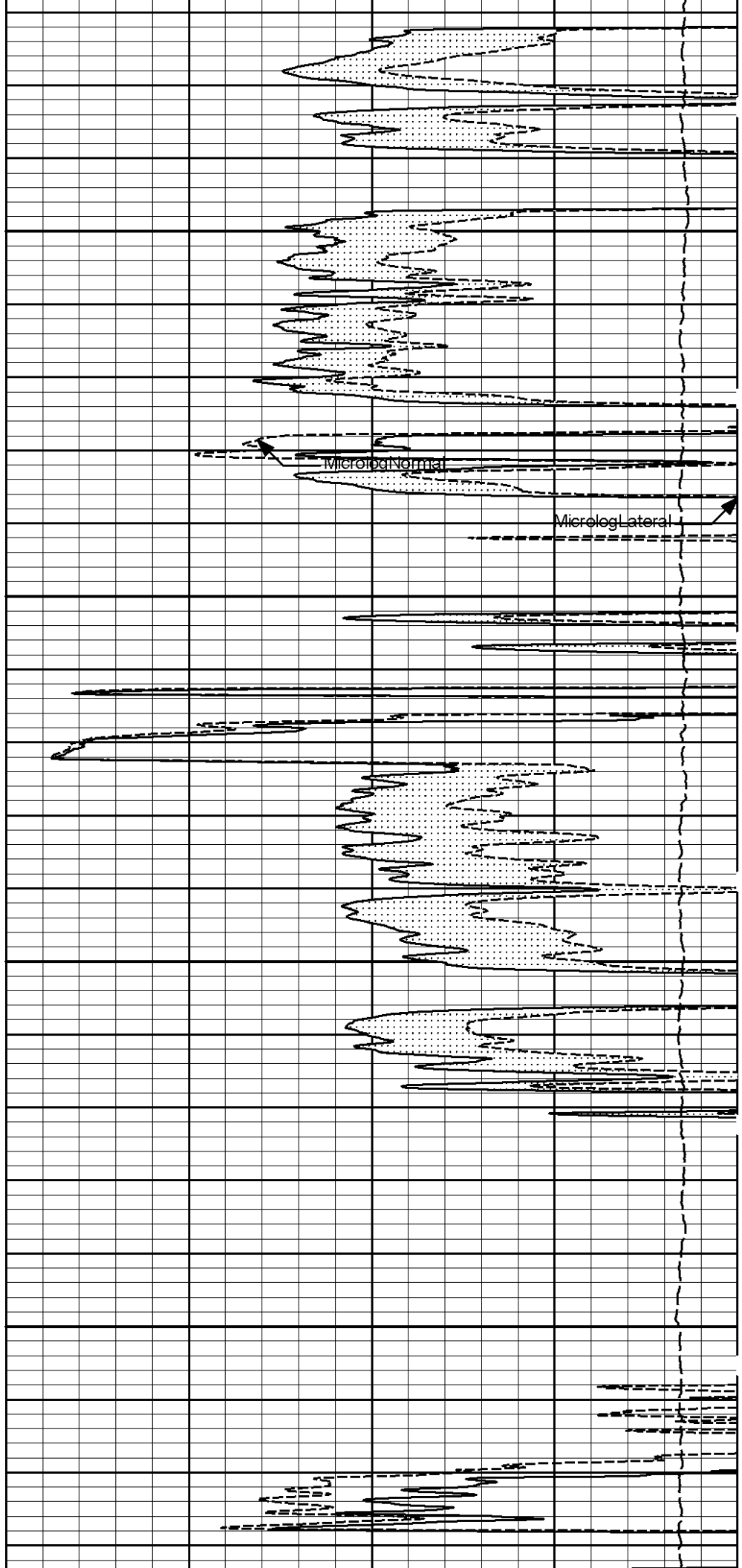
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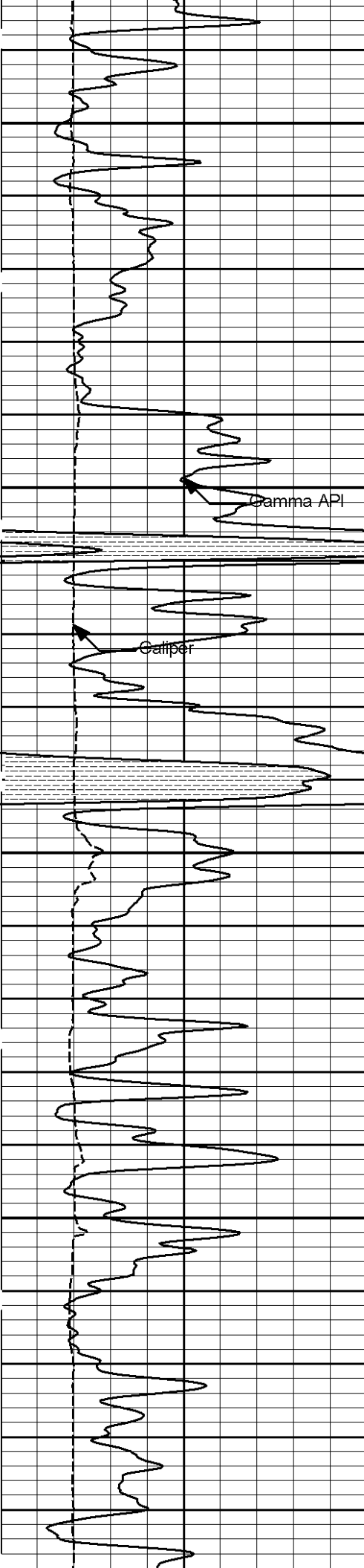




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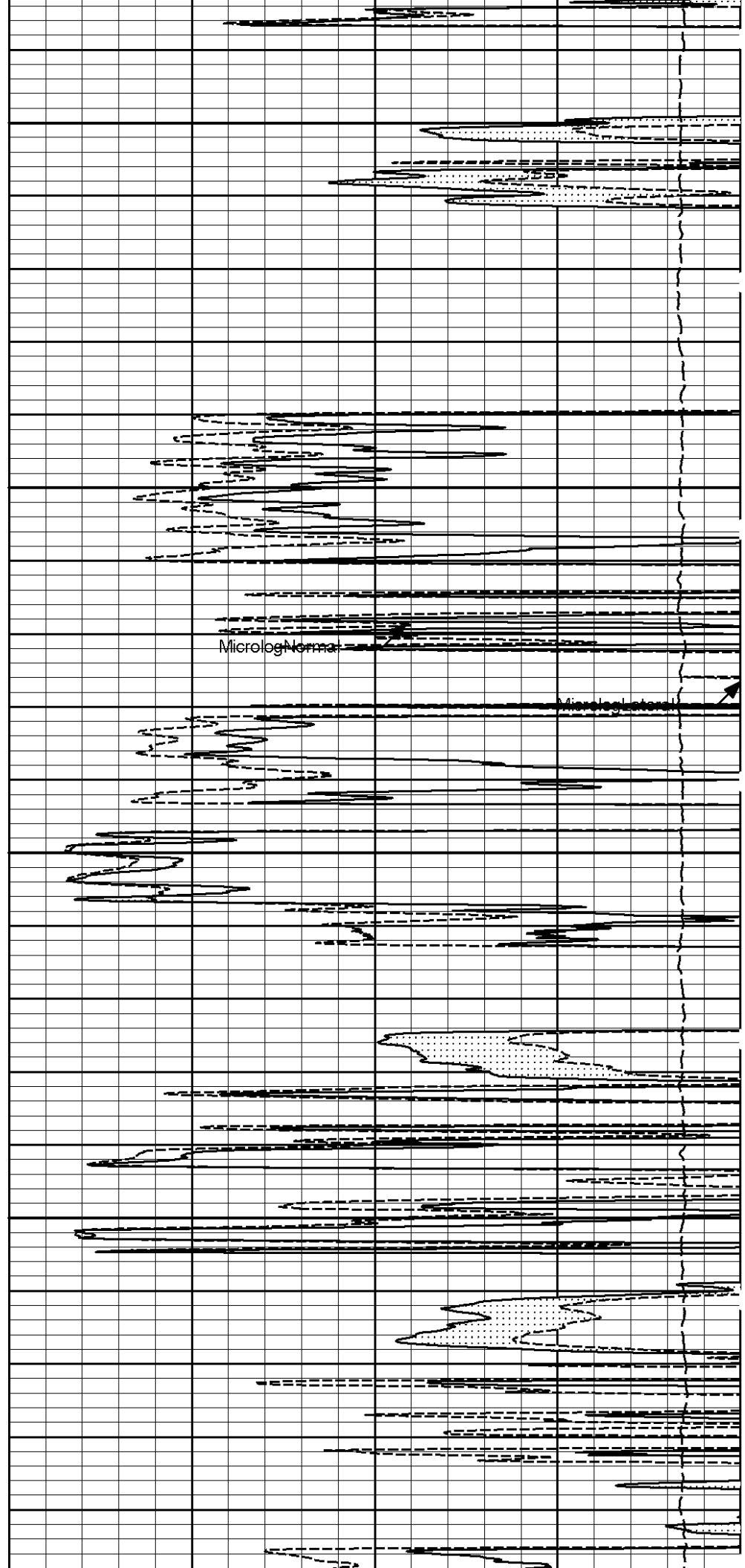
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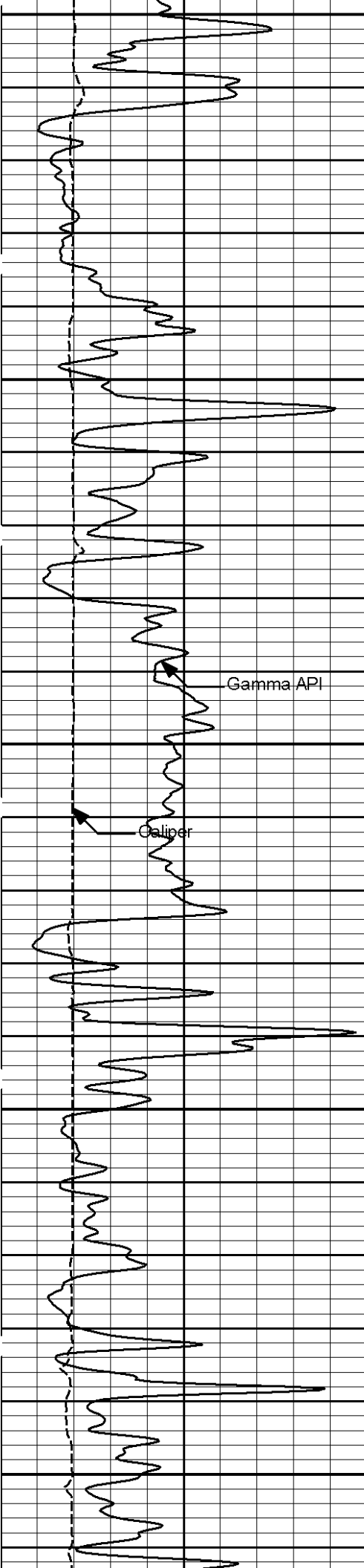




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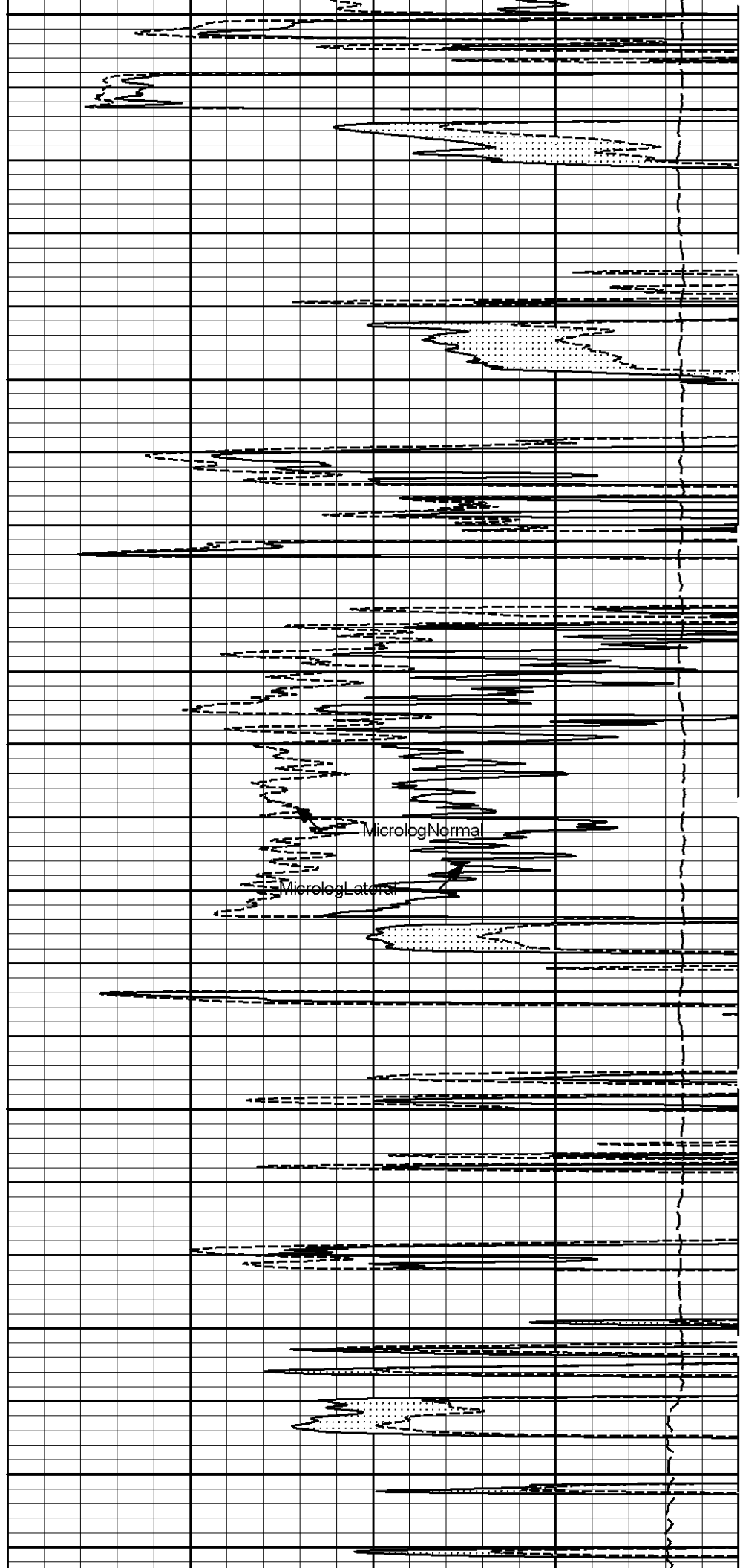
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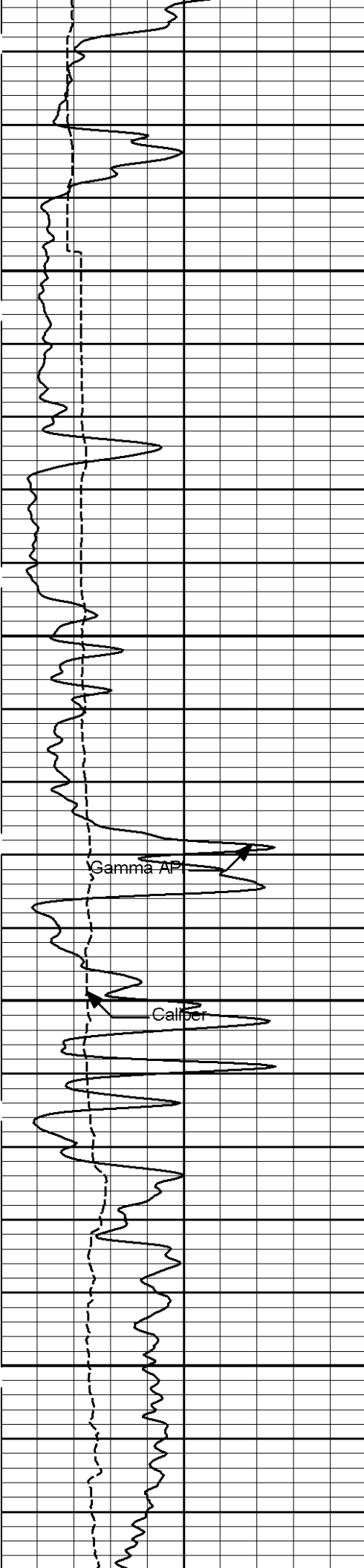




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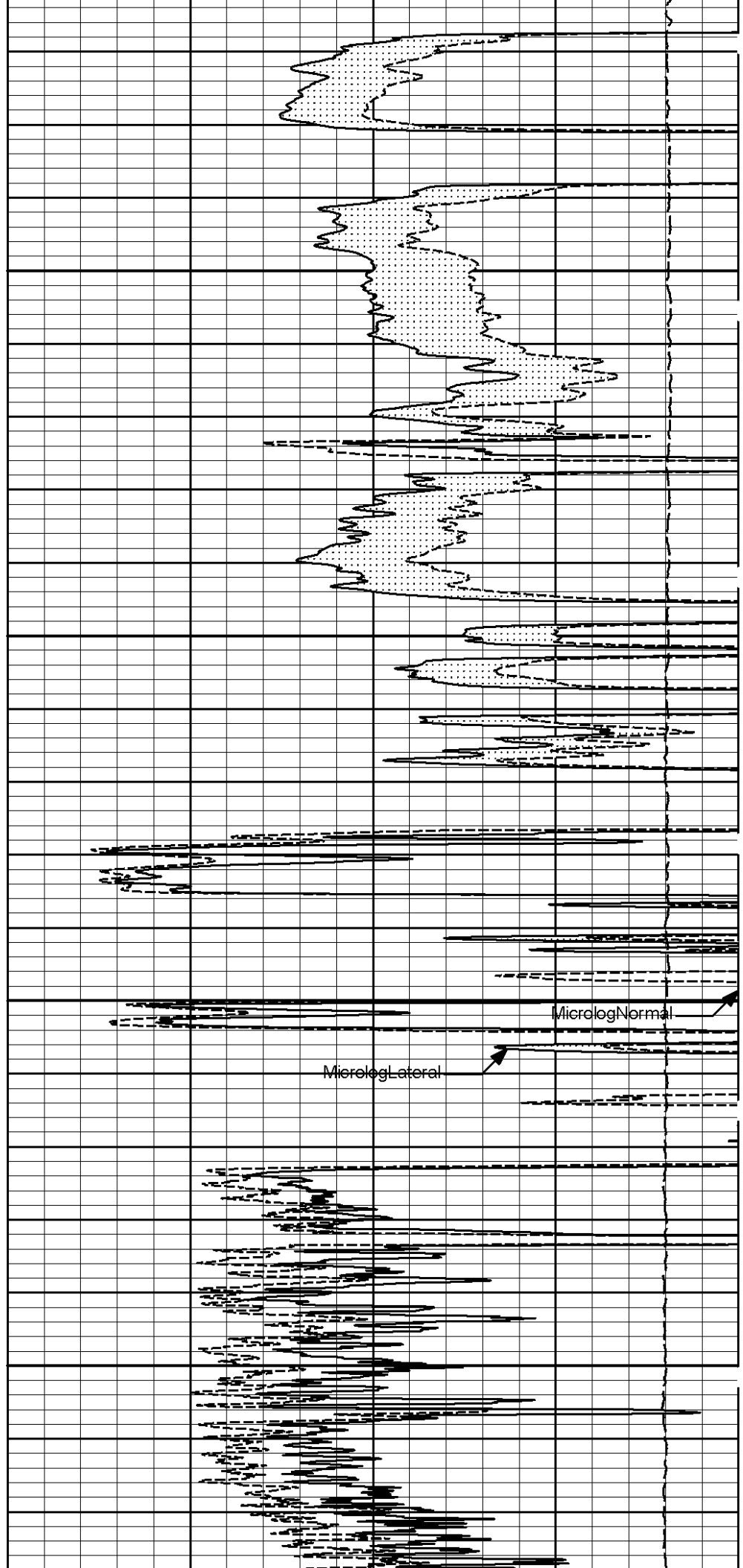
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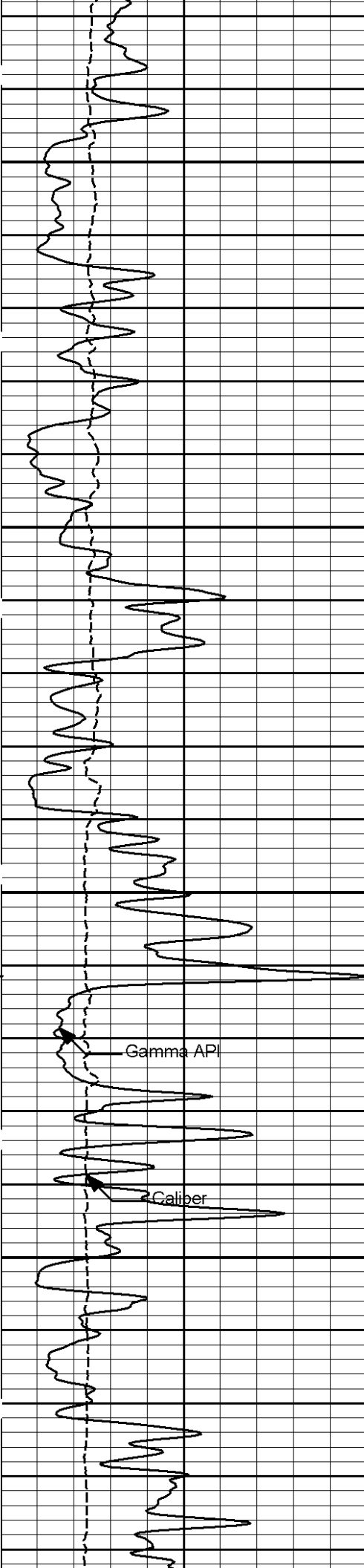




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4600



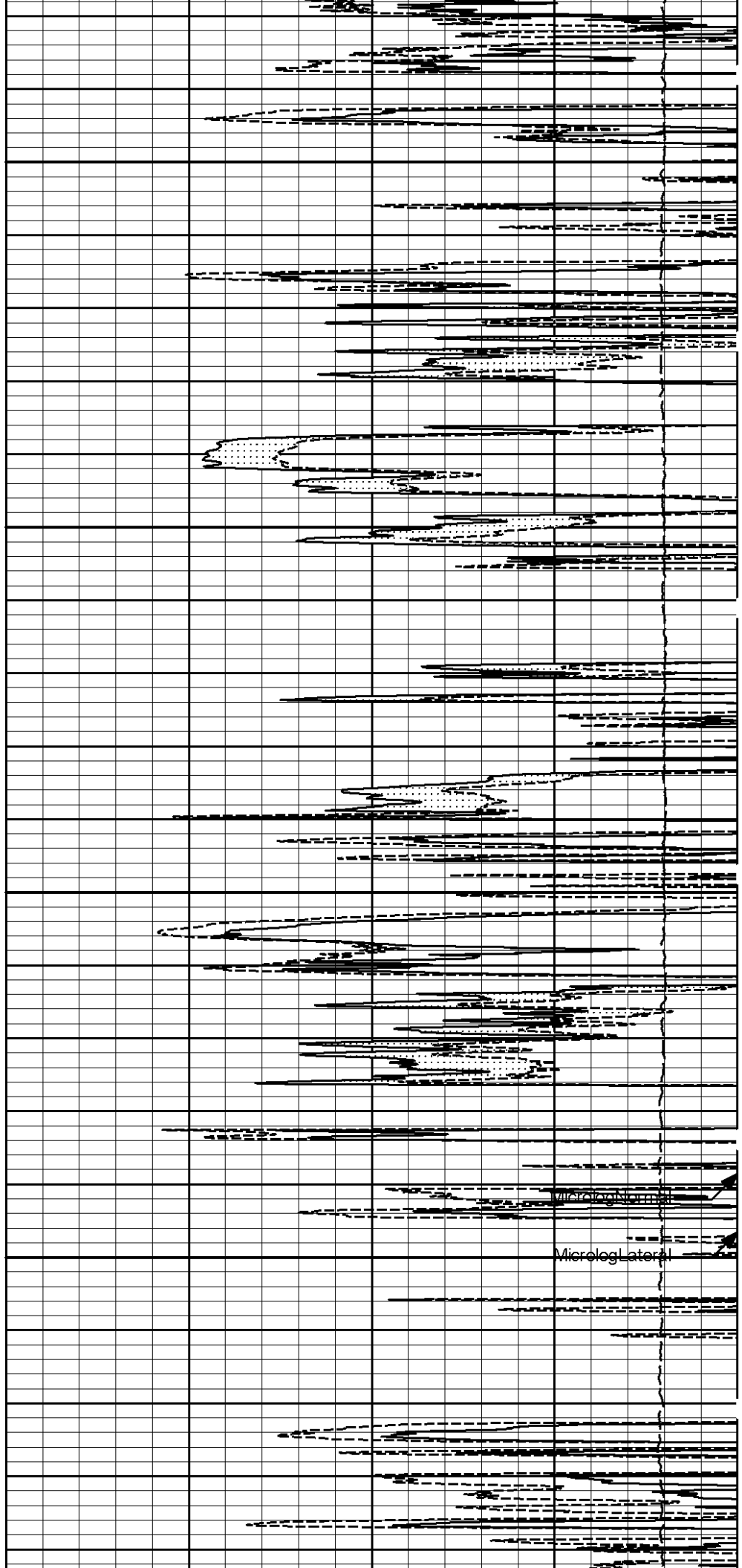


4700

4800

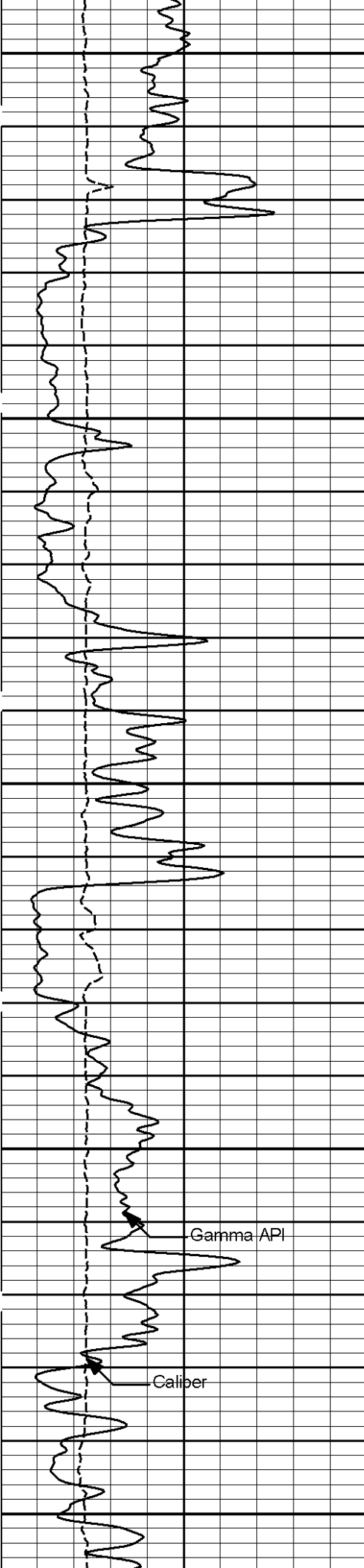
Gamma API

Caliber



Microlog Normal

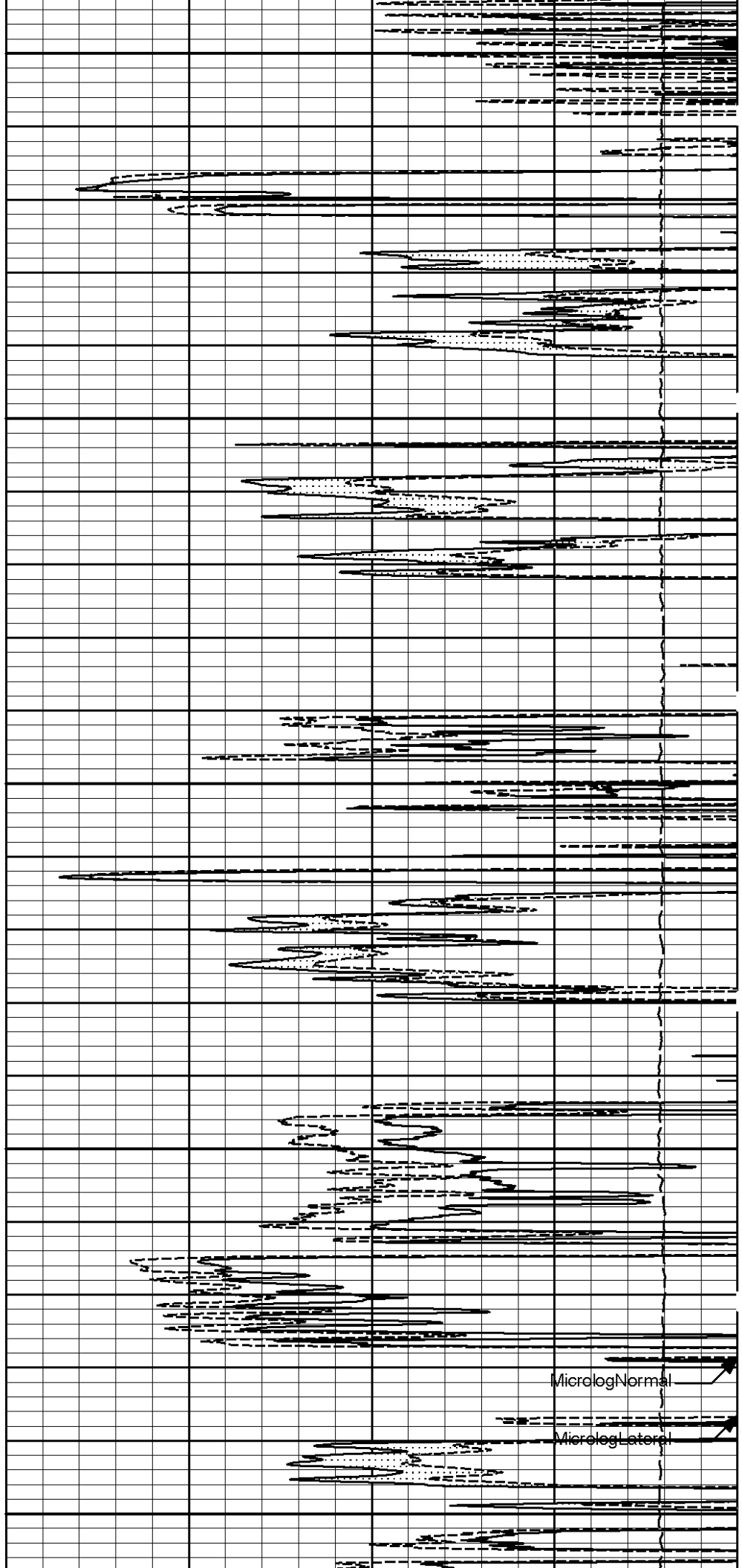
Microlog Lateral



4900

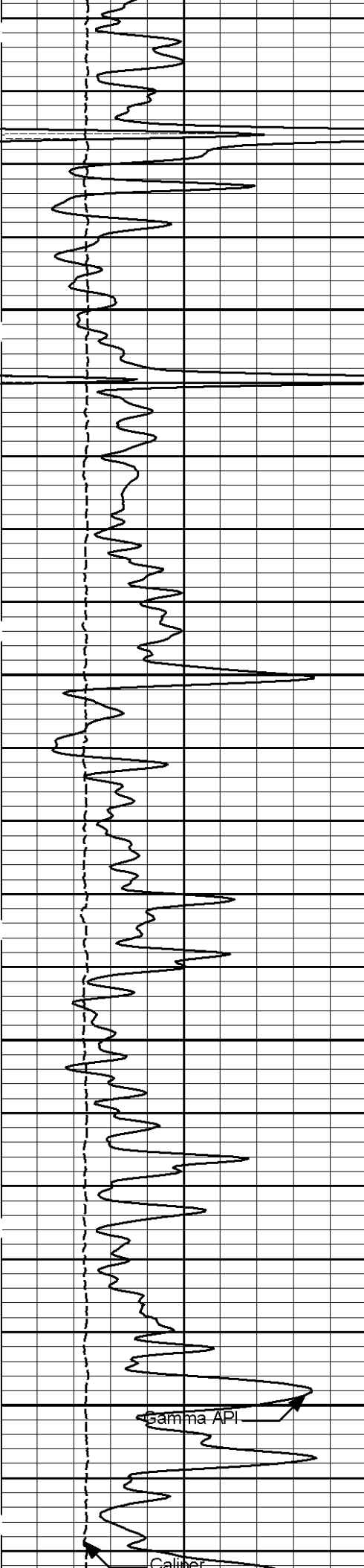
5000

5100



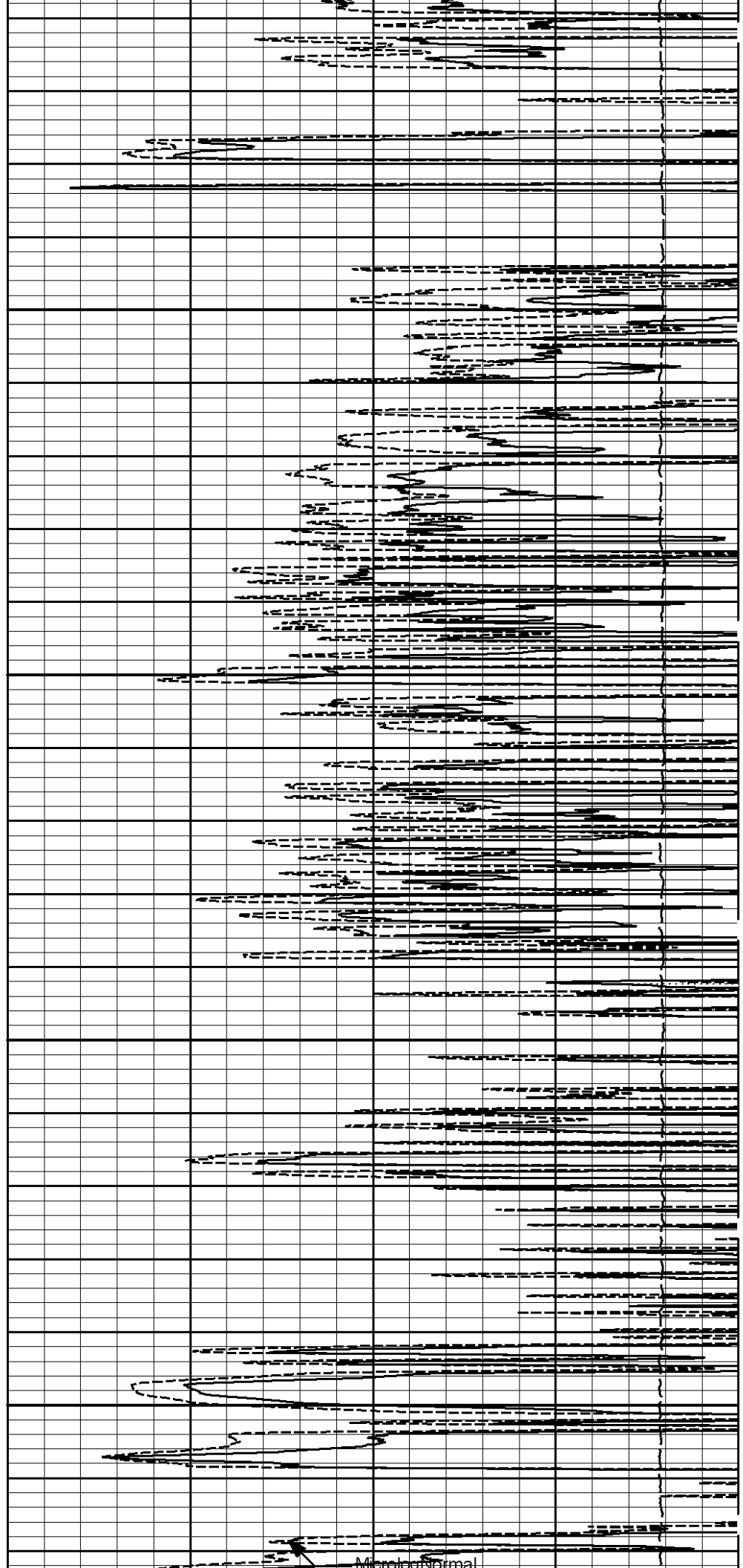
MicrologNormal

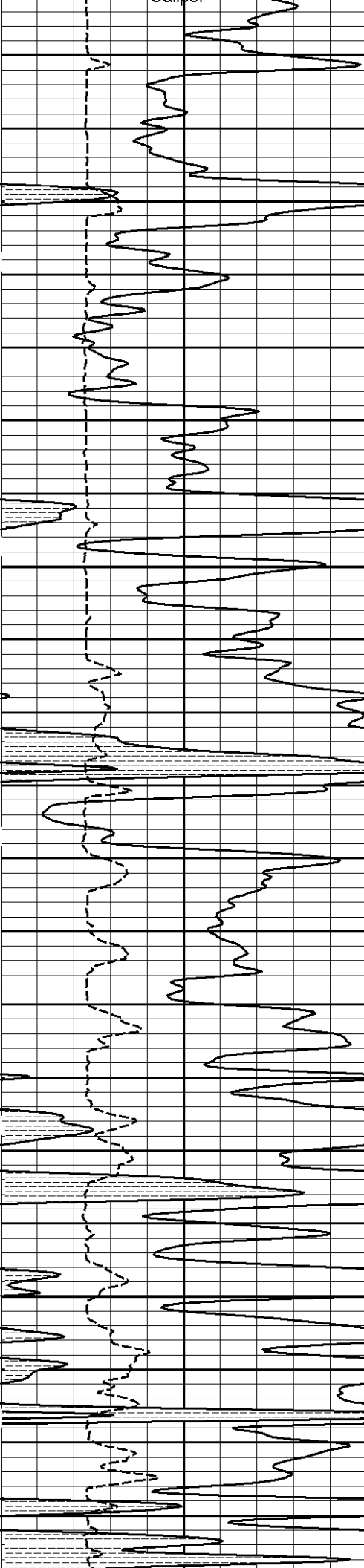
MicrologLateral



5200

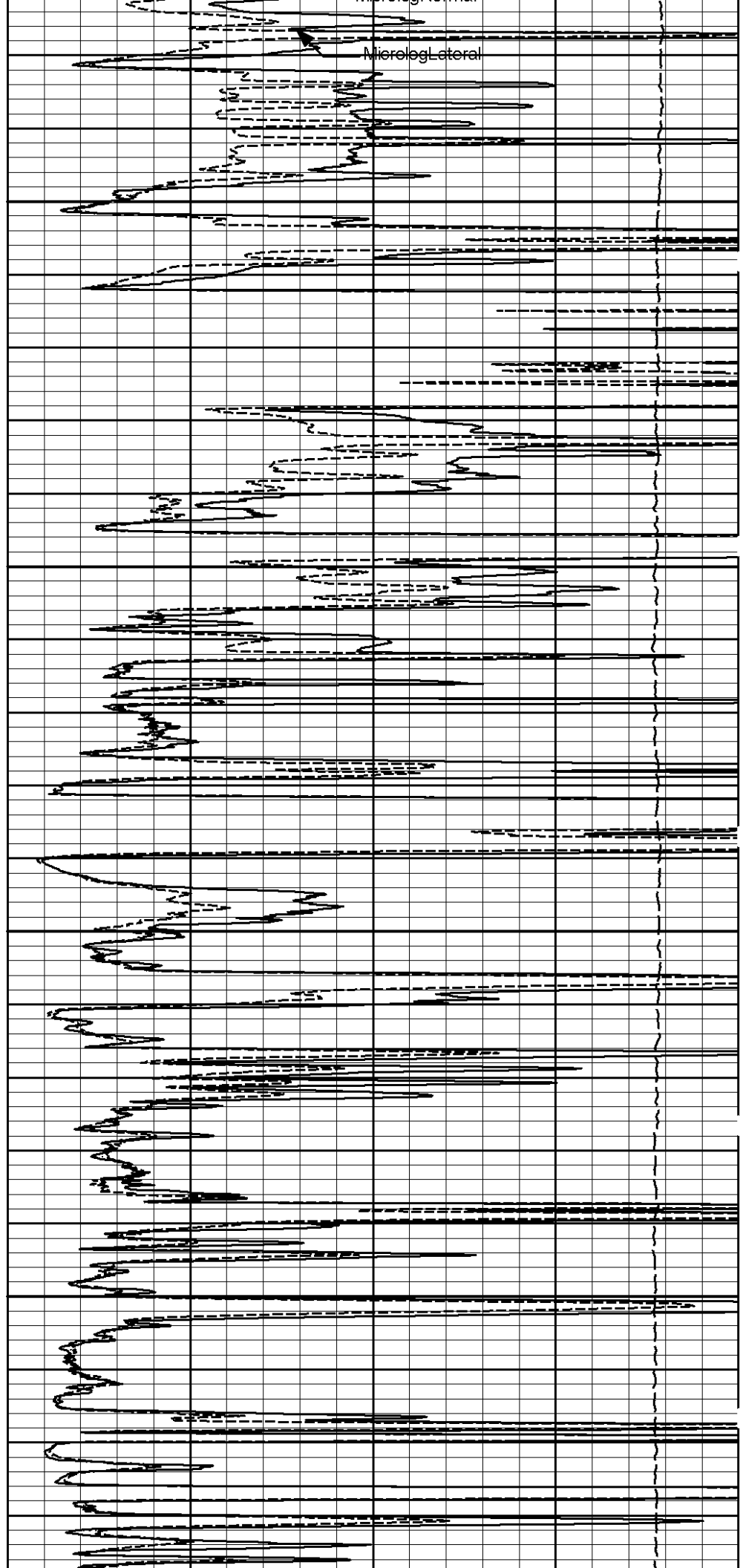
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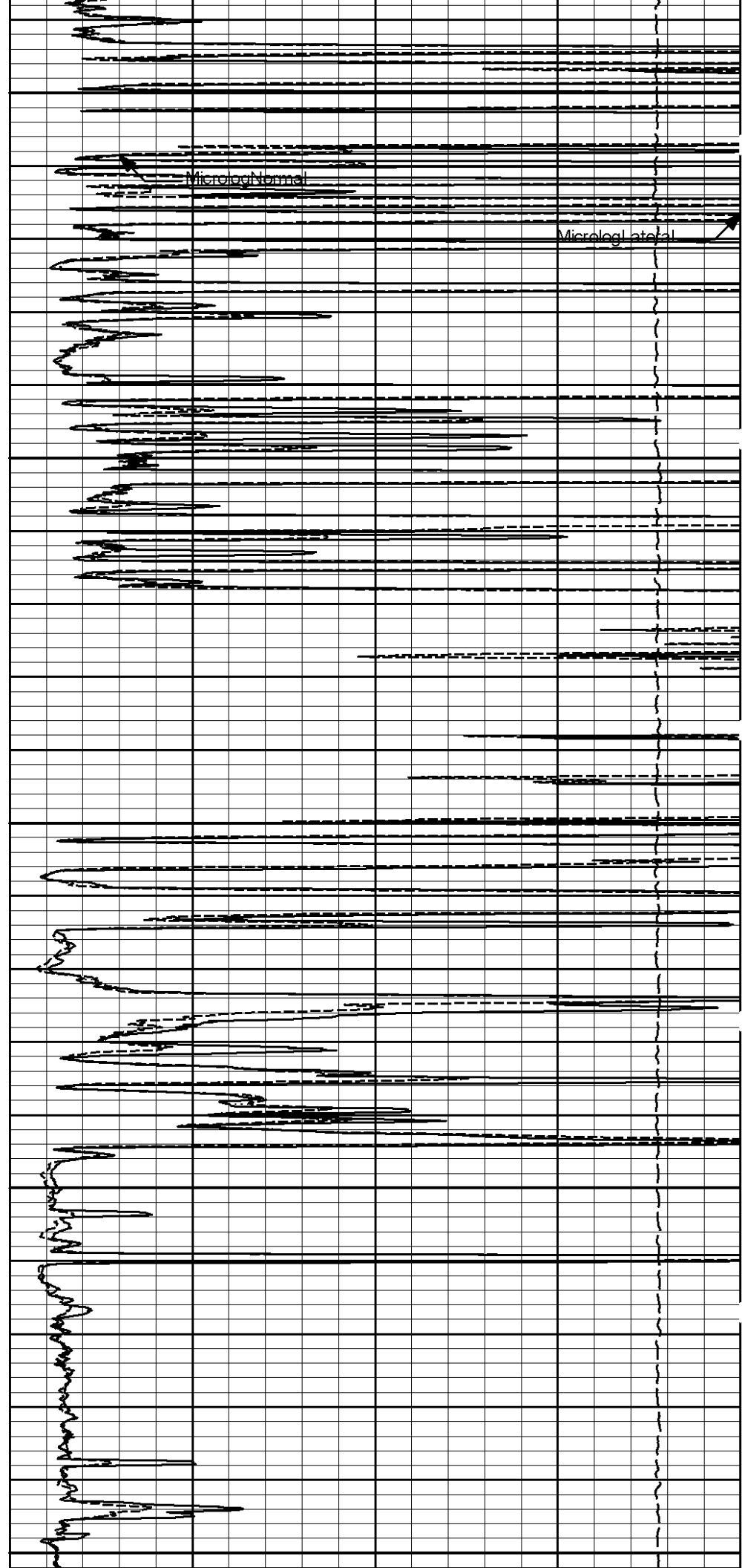
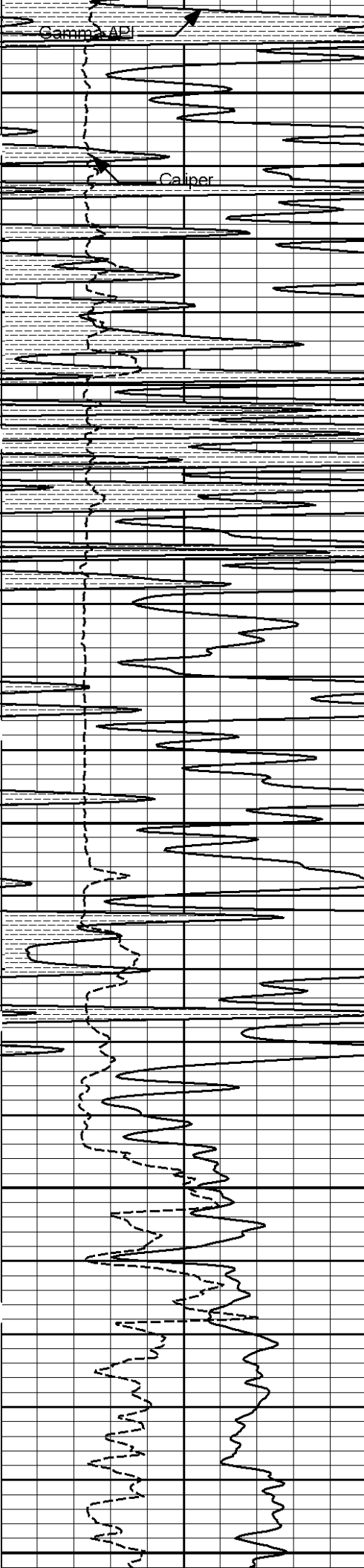


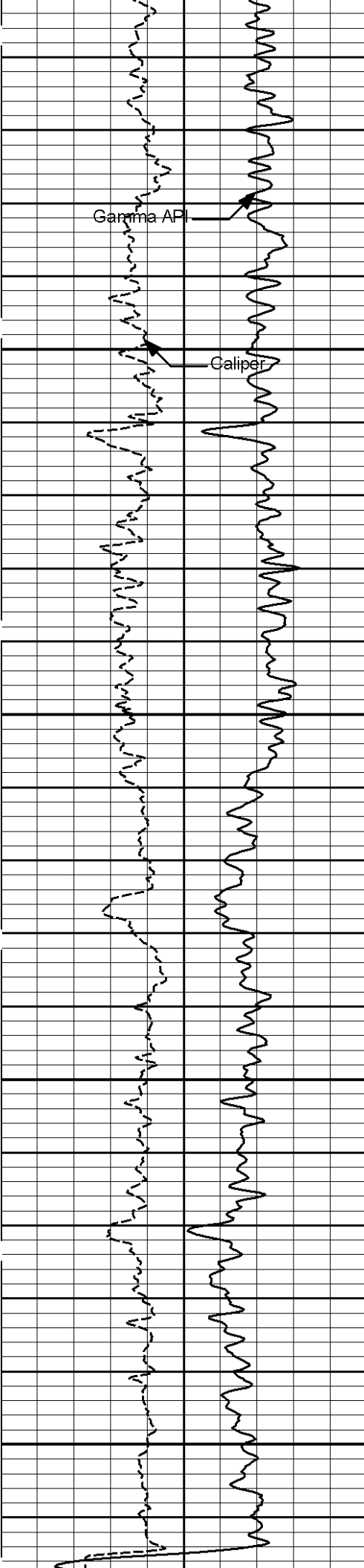


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5500

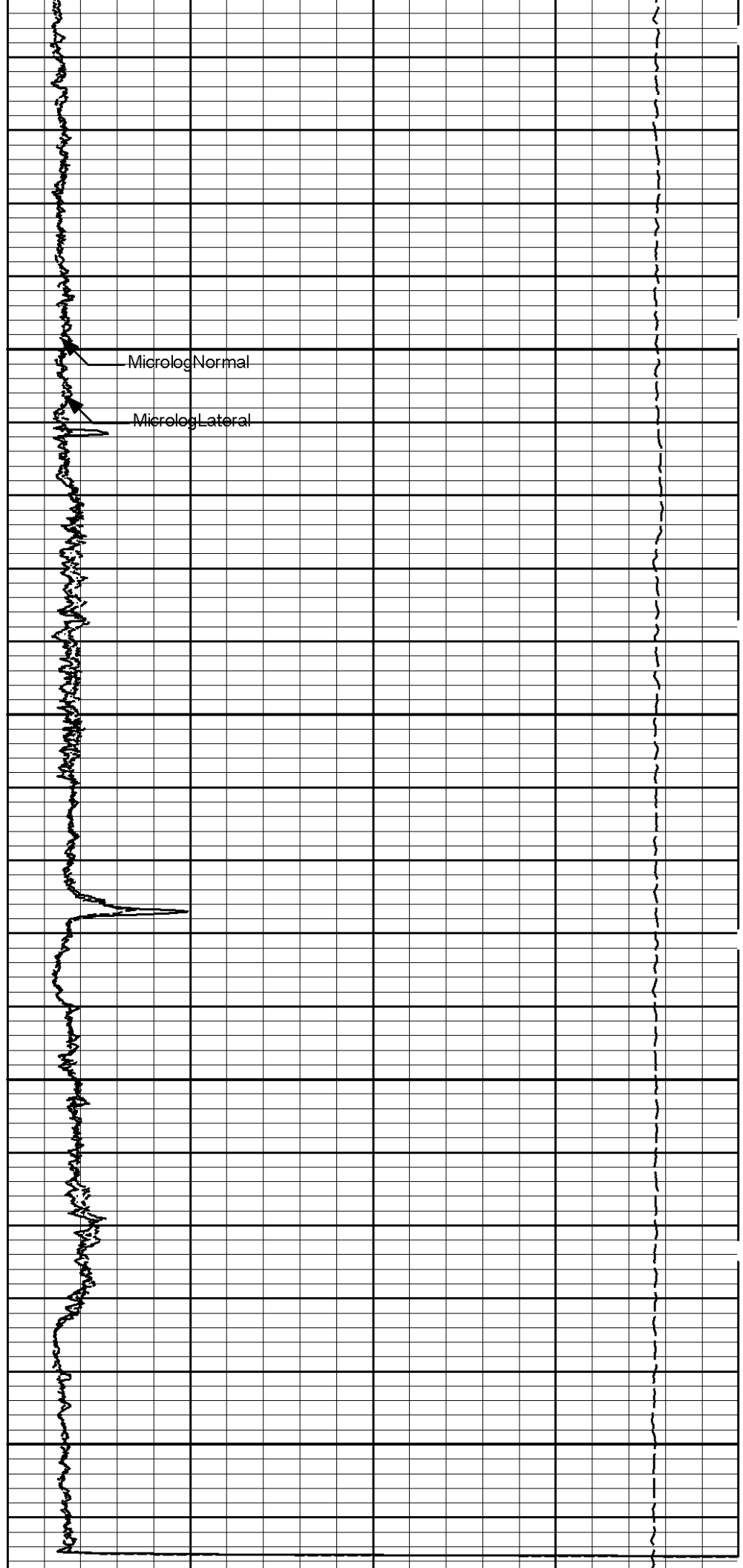


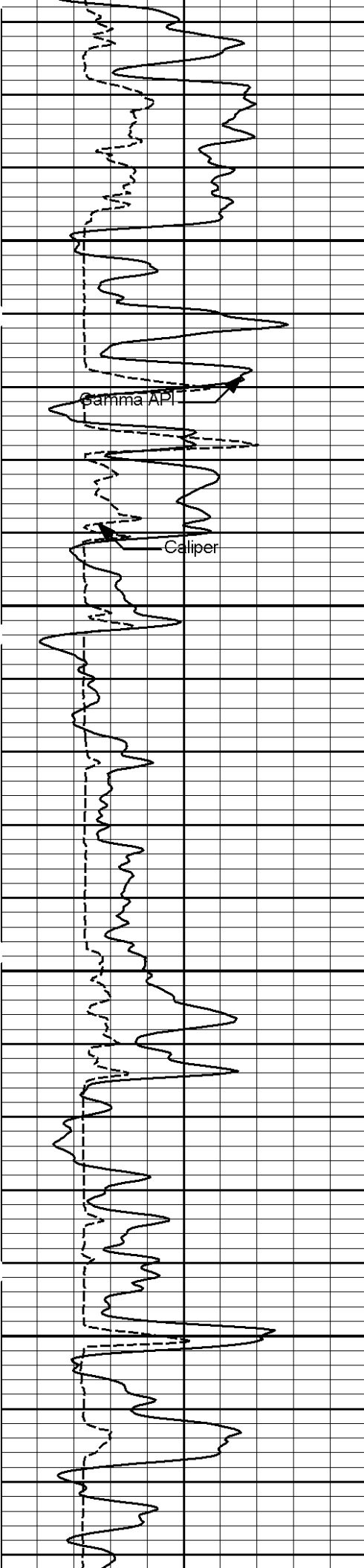




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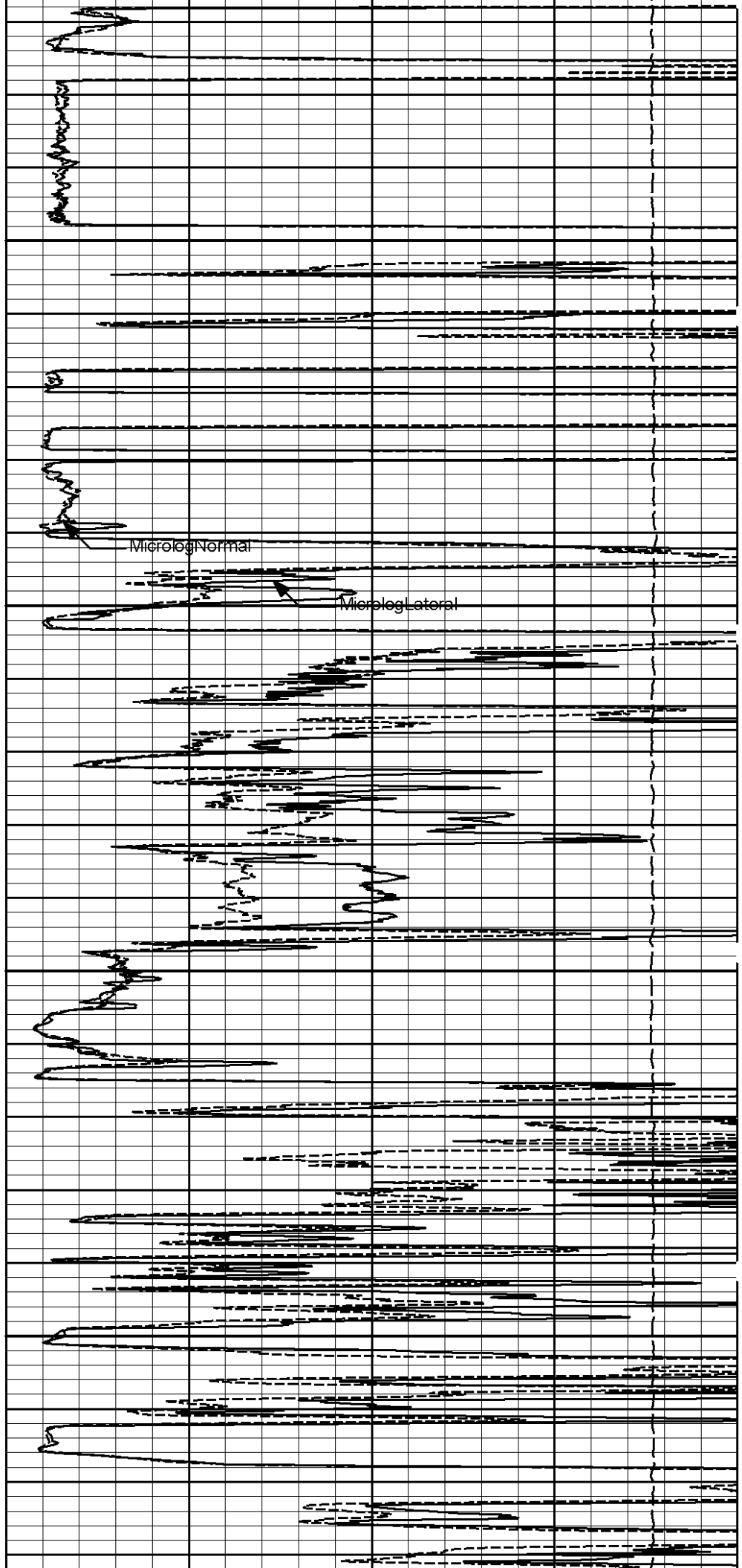
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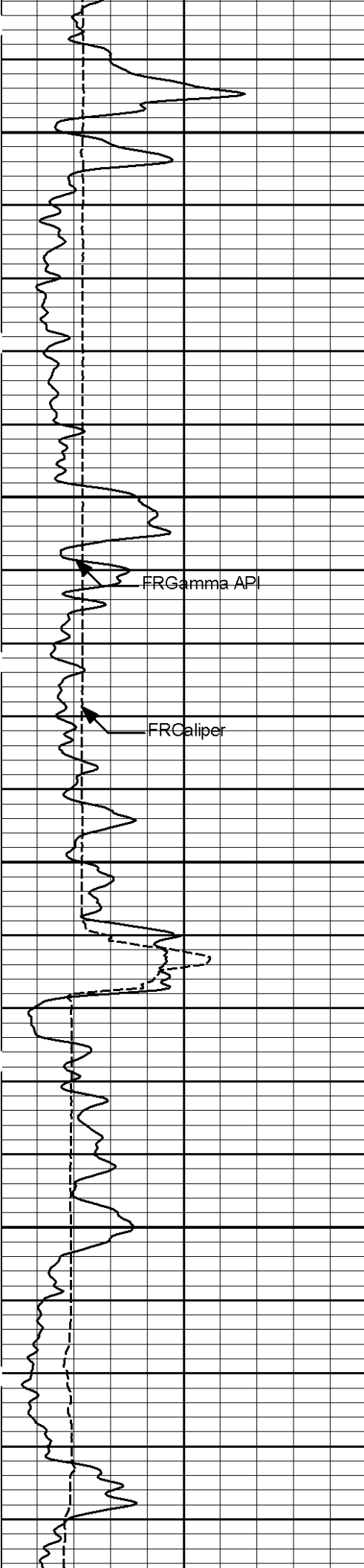




6000

6100



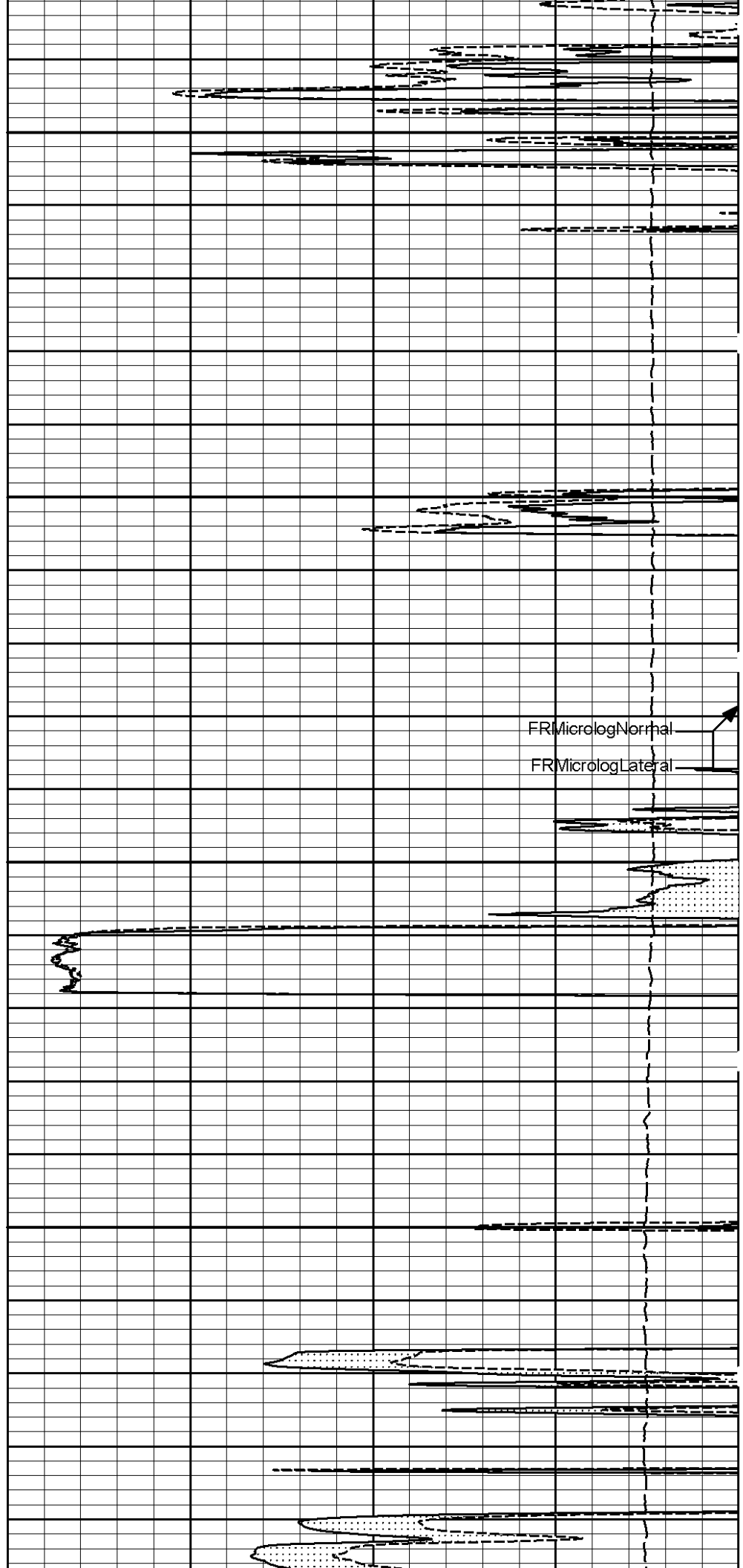


6200

FRGamma API

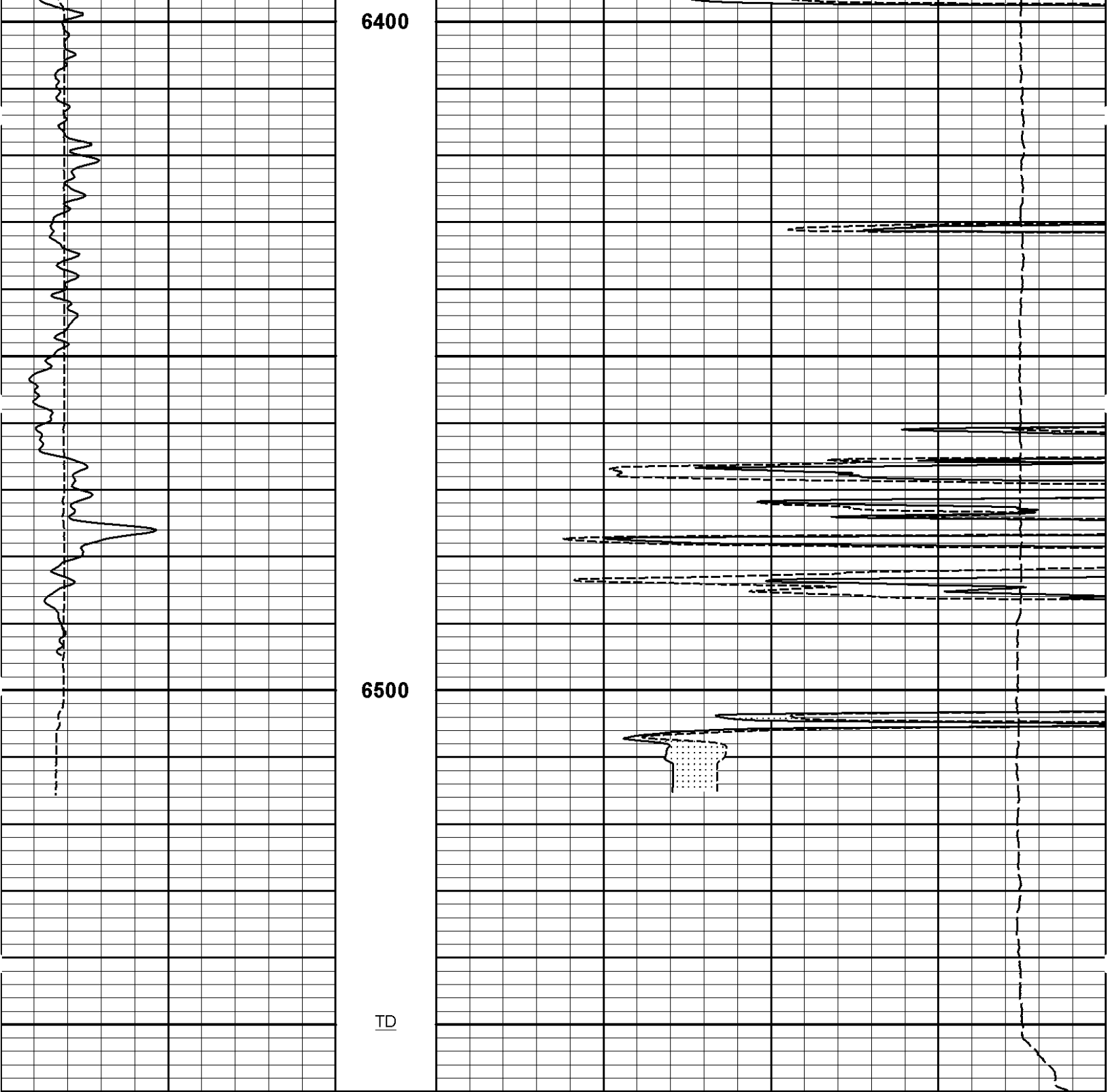
FRCaliper

6300



FRMicrologNormal

FRMicrologLateral



6		Caliper	16	1 : 240 ft	15K		Tension	0
		inches					pounds	
0		Gamma API	150		0		MicrologLateral	20
		api					ohm-metre	
		SHALE			0		MicrologNormal	20
							ohm-metre	
							PERMEABLE	

5 INCH MAIN LOG

HALLIBURTON

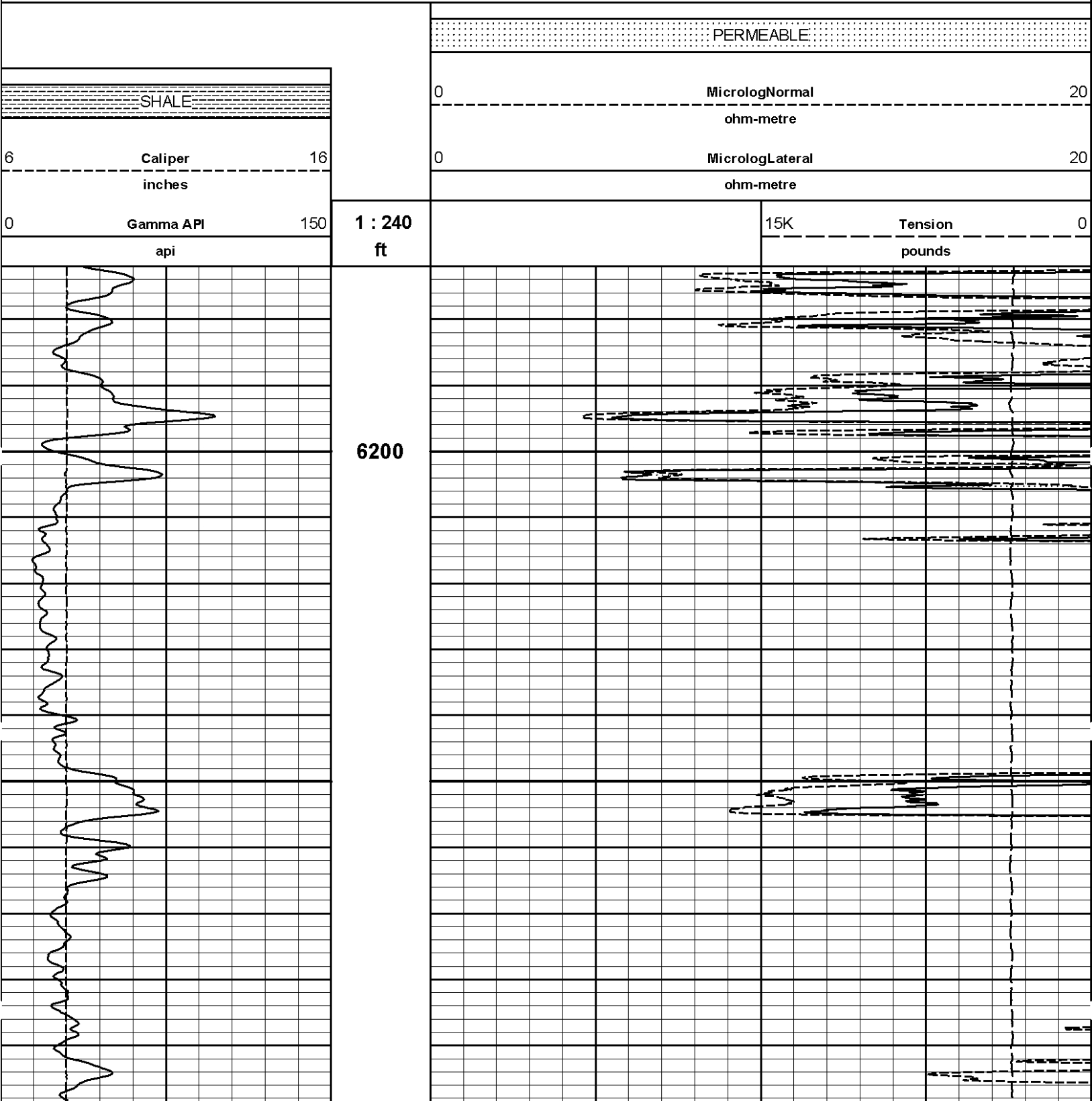
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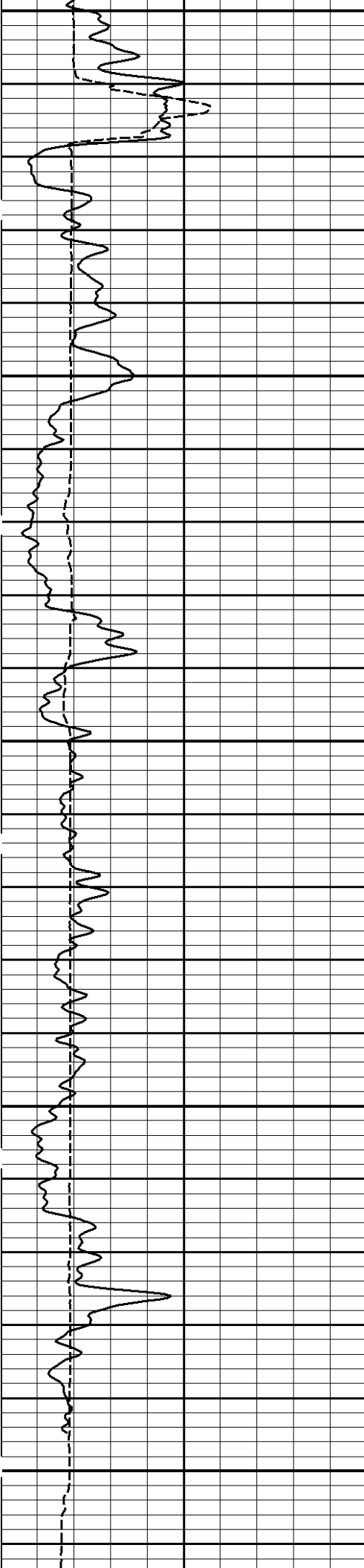
Plot Range: 6172 ft to 6560 ft

Data: LAURA_21-1\Well Based\DAQ-0001-003\

Plot File: \\-LOCAL-LAURA_21-1\0001 QUAD_RED\MICROLOG\EOG_Microlog_5_REPEAT_IQ

REPEAT SECTION

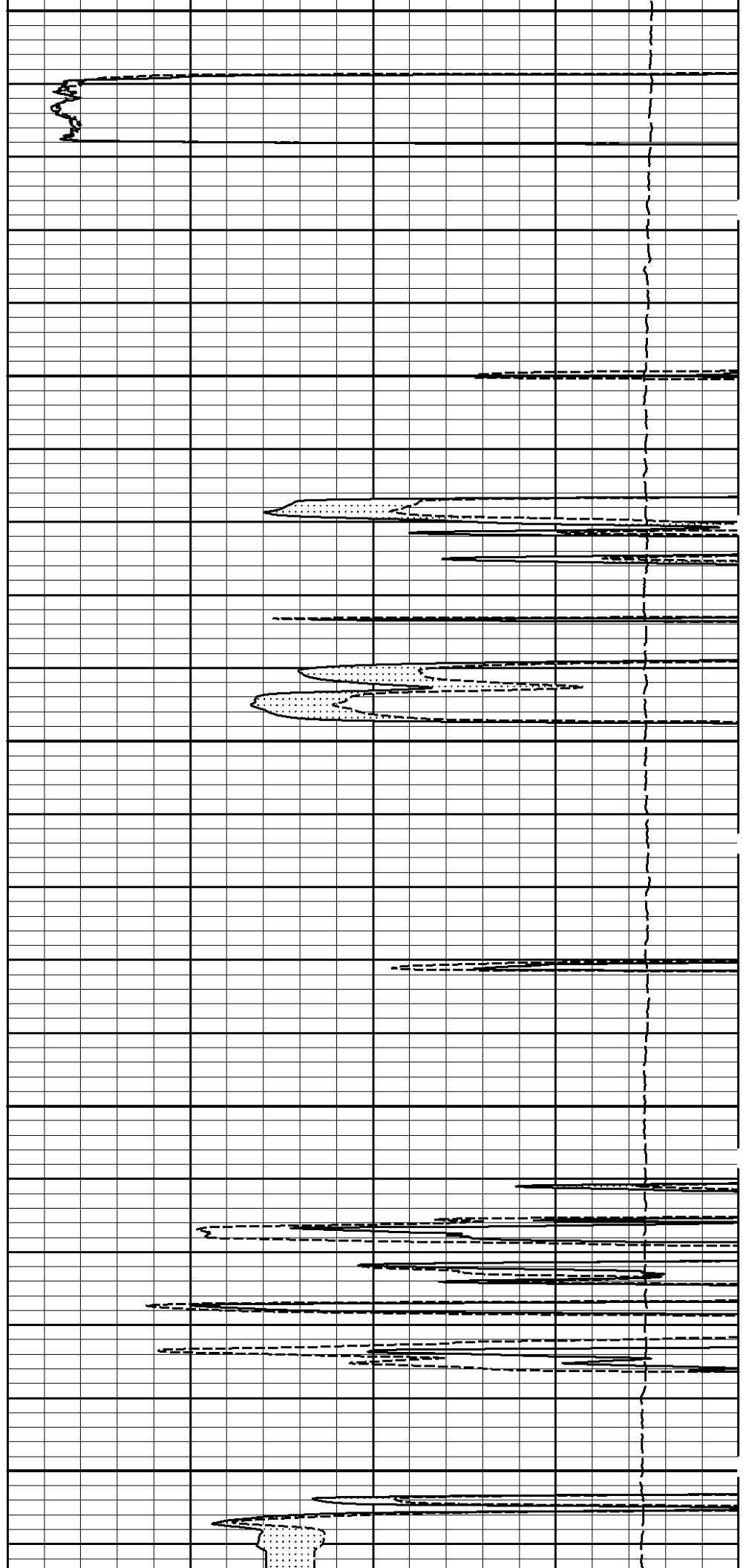


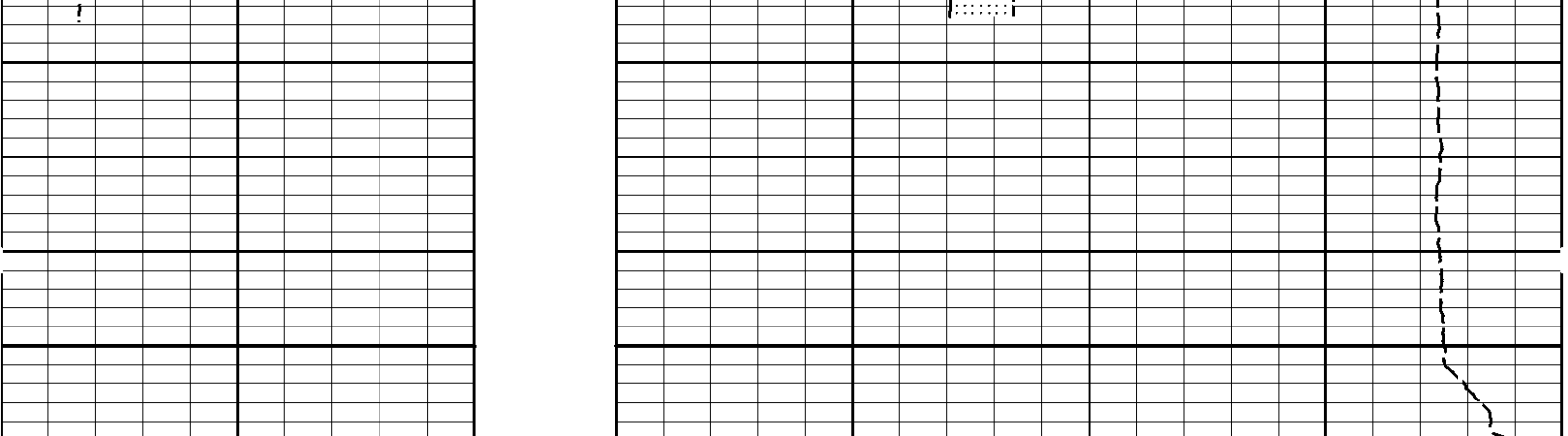


6300

6400

6500





0	Gamma API	150	1 : 240 ft	15K	Tension	0
	api				pounds	
6	Caliper	16		0	MicrologLateral	20
	inches				ohm-metre	
				0	MicrologNormal	20
					ohm-metre	
					PERMEABLE	

HALLIBURTON

Plot Time: 11-Nov-10 16:43:56
Plot Range: 6172 ft to 6560 ft
Data: LAURA_21-1\Well Based\DAQ-0001-003\
Plot File: \\-LOCAL-LAURA_21-1\0001 QUAD_RED\MICROLOG\EOG_Microlog_5_REPEAT_IQ

REPEAT SECTION

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	9.000	ppg
	SHARED	WAGT	Weighting Agent	Natural	
	SHARED	BSAL	Borehole salinity	1200.00	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	4.500	in
	SHARED	ST	Surface Temperature	75.0	degF
	SHARED	TD	Total Well Depth	6551.00	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	TEMP	Temperature Master Tool	NONE	

SHARED	TEMIM	Temperature Master Tool	NONE	
SHARED	BHSM	Borehole Size 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	
GTET	GROK	Process Gamma Ray?	Yes	
GTET	GRSO	Gamma Tool Standoff	0.000	in
GTET	GEOK	Process Gamma Ray EVR?	No	
GTET	TPOS	Tool Position	Centered	
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	DNTP	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	
SDLT	DNOK	Process Density?	Yes	
SDLT	DNOK	Process Density EVR?	No	
SDLT	CB	Logging Calibration Blocks?	No	
SDLT	SPVT	SDLT Pad Temperature Valid?	Yes	
SDLT	DTWN	Disable temperature warning	No	
SDLT	DMA	Formation Density Matrix	2.710	g/cc
SDLT	DFL	Formation Density Fluid	1.000	g/cc
SDLT	CLOK	Process Caliper Outputs?	Yes	
SDLT	MLOK	Process MicroLog Outputs?	Yes	
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 Fluid	189.00	uspf
BSAT	DTMT	Delta -T Matrix Type	User define	
BSAT	DTMA	Delta -T Matrix	47.60	uspf
BSAT	DTSH	Delta -T Shale	100.00	uspf
BSAT	SPEQ	Acoustic Porosity Equation	Wyllie	
ACRt	RTOK	Process ACRt?	Yes	
ACRt	MNSO	Minimum Tool Standoff	1.50	in
ACRt	TCS1	Temperature Correction Source	FP Lwr & FP Up	
ACRt	TPOS	Tool Position	Free Hanging	
ACRt	RMOP	Rmud Source	Mud Cell	
ACRt	RMIN	Minimum Resistivity for MAP	0.20	ohmm
ACRt	RMIN	Maximum Resistivity for MAP	200.00	ohmm
ACRt	THQY	Threshold Quality	0.50	

BOTTOM

HALLIBURTON

CALIBRATION REPORT

MICRO LOG SHOP CALIBRATION

Tool Name:	SDLT - I87M06P72	Reference Calibration Date:	29-Aug-10 18:09:23
Engineer:	J. BROWNAWELL	Calibration Date:	26-Sep-10 06:59:30
Software Version:	WL INSITE R3.0.6 (Build 4)	Calibration Version:	1

CALIBRATION COEFFICIENT SUMMARY

Measurement	Micro Log Normal		Micro Log Lateral		Units
	Measured	Calibrated	Measured	Calibrated	
Tool Zero	-0.08	-0.11	0.00	0.01	ohmm
Calibration Point #1	0.03	0.00	-0.01	0.00	ohmm
Calibration Point #2	19.91	20.00	19.92	20.00	ohmm
Internal Reference	19.83	19.92	19.92	19.99	ohmm

Measurement	Micro Log Normal		Micro Log Lateral		Units
	Tool Value		Tool Value		
Tool Zero	-0.51		0.56		V
Calibration Point #1	29.33		-3.70		V
Calibration Point #2	5324.90		6935.89		V
Internal Reference	5304.03		6933.03		V

MICRO LOG FIELD CHECK

Tool Name:	SDLT - I87M06P72	Reference Calibration Date:	26-Sep-10 06:59:30
Engineer:	J.COTHREN	Calibration Date:	11-Nov-10 10:55:53
Software Version:	WL INSITE R3.2.1 (Build 7)	Calibration Version:	1

Measurement	Micro Log Normal		Micro Log Lateral		Units
	Shop	Field	Shop	Field	
Tool Zero	-0.11	-0.11	0.01	0.01	ohmm
Internal Reference	19.92	19.85	19.99	19.92	ohmm

Summary

Signal	Shop	Field	Difference	Tolerance
Microlog Normal	19.92	19.85	0.07	+/- 0.80
Microlog Lateral	19.99	19.92	0.07	+/- 0.80

MICRO LOG POST CHECK

Tool Name:	SDLT - I87M06P72	Reference Calibration Date:	11-Nov-10 10:55:53
Engineer:	J.COTHREN	Calibration Date:	11-Nov-10 15:58:34
Software Version:	WL INSITE R3.2.1 (Build 7)	Calibration Version:	1

Measurement	Micro Log Normal		Micro Log Lateral		Units
	Field	Post	Field	Post	
Tool Zero	-0.11	-0.10	0.01	0.01	ohmm
Internal Reference	19.85	19.91	19.92	19.98	ohmm

Summary

Signal	Field	Post	Difference	Tolerance
--------	-------	------	------------	-----------

Microlog Normal	19.85	19.91	0.06	+/- 0.80
Microlog Lateral	19.92	19.98	0.06	+/- 0.80

CALIBRATION SUMMARY						
Sensor	Shop	Field	Post	Difference	Tolerance	Units
SDLT-I87M06P72						
MicroLog Normal	19.92	19.85	19.91	-0.06	+/-0.80	ohmm
MicroLog Lateral	19.99	19.92	19.98	-0.06	+/-0.80	ohmm
Data: LAURA_21-1\0001 QUAD_RED\IDLE					Date: 11-Nov-10 16:17:22	

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INPUTS, DELAYS AND FILTERS TABLE

Mnemonic	Input Description	Delay (ft)	Filter Type	Filter Length (ft)
Depth Panel				
TENS	Tension	0.00	NO	
CH_HOS				
DHTN	DownholeTension	0.00	BLK	0.000
GTET				
TPUL	Tension Pull	64.23	NO	
GR	Natural Gamma Ray API	64.23	TRI	1.750
GRU	Unfiltered Natural Gamma Ray API	64.23	NO	
EGR	Natural Gamma Ray API with Enhanced Vertical Resolution	64.23	W	1.416 , 0.750
ACCZ	Accelerometer Z	0.00	BLK	0.083
DEVI	Inclination	0.00	NO	
DSNT				
TPUL	Tension Pull	53.99	NO	
RNDS	Near Detector Telemetry Counts	54.09	BLK	1.417
RFDS	Far Detector Telemetry Counts	54.84	TRI	0.583
DNTT	DSN Tool Temperature	54.09	NO	
DSNS	DSN Tool Status	53.99	NO	
ERND	Near Detector Telemetry Counts EVR	54.09	BLK	0.000
ERFD	Far Detector Telemetry Counts EVR	54.84	BLK	0.000
ENTM	DSN Tool Temperature EVR	54.09	NO	
SDLT				
TPUL	Tension Pull	44.08	NO	
NAB	Near Above	43.90	BLK	0.920
NHI	Near Cesium High	43.90	BLK	0.920
NLO	Near Cesium Low	43.90	BLK	0.920
NVA	Near Valley	43.90	BLK	0.920
NBA	Near Barite	43.90	BLK	0.920
NDE	Near Density	43.90	BLK	0.920
NPK	Near Peak	43.90	BLK	0.920
NLI	Near Lithology	43.90	BLK	0.920
NBAU	Near Barite Unfiltered	43.90	BLK	0.250
NLIU	Near Lithology Unfiltered	43.90	BLK	0.250
FAB	Far Above	44.26	BLK	0.250

FHI	Far Cesium High	44.26	BLK	0.250
FLO	Far Cesium Low	44.26	BLK	0.250
FVA	Far Valley	44.26	BLK	0.250
FBA	Far Barite	44.26	BLK	0.250
FDE	Far Density	44.26	BLK	0.250
FPK	Far Peak	44.26	BLK	0.250
FLI	Far Lithology	44.26	BLK	0.250
PTMP	Pad Temperature	44.09	BLK	0.920
NHV	Near Detector High Voltage	41.28	NO	
FHV	Far Detector High Voltage	41.28	NO	
ITMP	Instrument Temperature	41.28	NO	
DDHV	Detector High Voltage	41.28	NO	
TPUL	Tension Pull	44.09	NO	
PCAL	Pad Caliper	44.09	TRI	0.250
ACAL	Arm Caliper	44.09	TRI	0.250
TPUL	Tension Pull	44.28	NO	
MINV	Microlog Lateral	44.28	BLK	0.750
MNOR	Microlog Normal	44.28	BLK	0.750

BSAT

TPUL	Tension Pull	27.09	NO	
STAT	Status	27.09	NO	
DLYT	Delay Time	27.09	NO	
SI	Sample Interval	27.09	NO	
TXRX	Raw Telemetry 10 Receivers	27.09	NO	
FRMC	Tool Frame Count	27.09	NO	

ACRt

TPUL	Tension Pull	2.97	NO	
F1R1	ACRT 12KHz - 80in R value	9.22	BLK	0.000
F1X1	ACRT 12KHz - 80in X value	9.22	BLK	0.000
F1R2	ACRT 12KHz - 50in R value	6.72	BLK	0.000
F1X2	ACRT 12KHz - 50in X value	6.72	BLK	0.000
F1R3	ACRT 12KHz - 29in R value	5.22	BLK	0.000
F1X3	ACRT 12KHz - 29in X value	5.22	BLK	0.000
F1R4	ACRT 12KHz - 17in R value	4.22	BLK	0.000
F1X4	ACRT 12KHz - 17in X value	4.22	BLK	0.000
F1R5	ACRT 12KHz - 10in R value	3.72	BLK	0.000
F1X5	ACRT 12KHz - 10in X value	3.72	BLK	0.000
F1R6	ACRT 12KHz - 6in R value	3.47	BLK	0.000
F1X6	ACRT 12KHz - 6in X value	3.47	BLK	0.000
F2R1	ACRT 36KHz - 80in R value	9.22	BLK	0.000
F2X1	ACRT 36KHz - 80in X value	9.22	BLK	0.000
F2R2	ACRT 36KHz - 50in R value	6.72	BLK	0.000
F2X2	ACRT 36KHz - 50in X value	6.72	BLK	0.000
F2R3	ACRT 36KHz - 29in R value	5.22	BLK	0.000
F2X3	ACRT 36KHz - 29in X value	5.22	BLK	0.000
F2R4	ACRT 36KHz - 17in R value	4.22	BLK	0.000
F2X4	ACRT 36KHz - 17in X value	4.22	BLK	0.000
F2R5	ACRT 36KHz - 10in R value	3.72	BLK	0.000
F2X5	ACRT 36KHz - 10in X value	3.72	BLK	0.000
F2R6	ACRT 36KHz - 6in R value	3.47	BLK	0.000
F2X6	ACRT 36KHz - 6in X value	3.47	BLK	0.000
F3R1	ACRT 72KHz - 80in R value	9.22	BLK	0.000
F3X1	ACRT 72KHz - 80in X value	9.22	BLK	0.000

F3X1	ACRT 72KHz - 50in X value	9.22	BLK	0.000
F3R2	ACRT 72KHz - 50in R value	6.72	BLK	0.000
F3X2	ACRT 72KHz - 50in X value	6.72	BLK	0.000
F3R3	ACRT 72KHz - 29in R value	5.22	BLK	0.000
F3X3	ACRT 72KHz - 29in X value	5.22	BLK	0.000
F3R4	ACRT 72KHz - 17in R value	4.22	BLK	0.000
F3X4	ACRT 72KHz - 17in X value	4.22	BLK	0.000
F3R5	ACRT 72KHz - 10in R value	3.72	BLK	0.000
F3X5	ACRT 72KHz - 10in X value	3.72	BLK	0.000
F3R6	ACRT 72KHz - 6in R value	3.47	BLK	0.000
F3X6	ACRT 72KHz - 6in X value	3.47	BLK	0.000
RMUD	Mud Resistivity	12.76	BLK	0.000
F1RT	Transmitter Reference 12 KHz Real Signal	2.97	BLK	0.000
F1XT	Transmitter Reference 12 KHz Imaginary Signal	2.97	BLK	0.000
F2RT	Transmitter Reference 36 KHz Real Signal	2.97	BLK	0.000
F2XT	Transmitter Reference 36 KHz Imaginary Signal	2.97	BLK	0.000
F3RT	Transmitter Reference 72 KHz Real Signal	2.97	BLK	0.000
F3XT	Transmitter Reference 72 KHz Imaginary Signal	2.97	BLK	0.000
TFPU	Upper Feedpipe Temperature Calculated	2.97	BLK	0.000
TFPL	Lower Feedpipe Temperature Calculated	2.97	BLK	0.000
ITMP	Instrument Temperature	2.97	BLK	0.000
TCVA	Temperature Correction Values Loop Off	2.97	NO	
TIDV	Instrument Temperature Derivative	2.97	NO	
TUDV	Upper Temperature Derivative	2.97	NO	
TLDV	Lower Temperature Derivative	2.97	NO	
TRBD	Receiver Board Temperature	2.97	NO	

SP Ring

PLTC	Plot Control Mask	1.86	NO	
SP	Spontaneous Potential	1.86	BLK	1.250
SPR	Raw Spontaneous Potential	1.86	NO	
SPO	Spontaneous Potential Offset	1.86	NO	

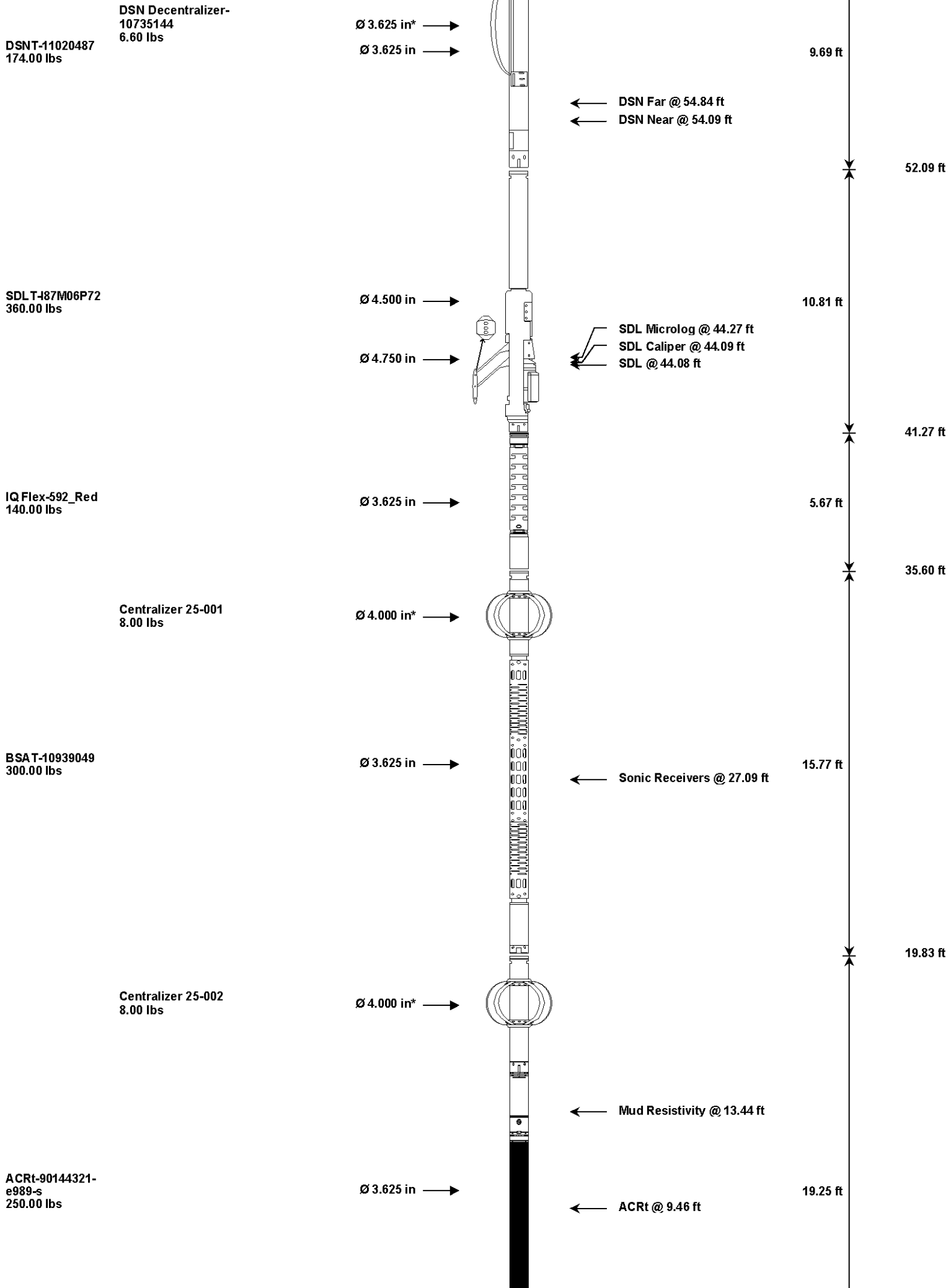
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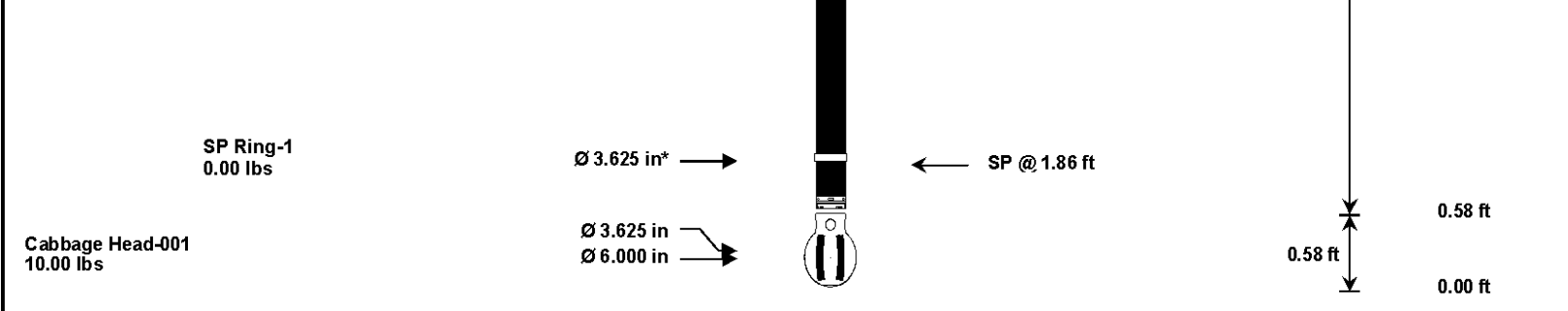
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TOOL STRING DIAGRAM REPORT

Description	Overbody Description	O.D.	Diagram	Sensors @ Delays	Length	Accumulated Length
CH_HOS-590_BLK 37.50 lbs		Ø 2.750 in →		← Temperature @ 72.30 ft	3.03 ft	73.32 ft
						70.30 ft
GTET-11013113 165.00 lbs		Ø 3.625 in →		← GammaRay @ 64.23 ft	8.52 ft	61.77 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	590_BLK	37.50	3.03	70.30	300.00
GTET	Gamma Telemetry Tool	11013113	165.00	8.52	61.77	60.00
DSNT	Dual Spaced Neutron	11020487	174.00	9.69	52.09	60.00
DCNT	DSN Decentralizer	10735144	6.60	5.13	* 55.42	300.00
SDLT	Spectral Density Tool	I87M06P72	360.00	10.81	41.27	60.00
IQF	IQ Flex tool	592_Red	140.00	5.67	35.60	300.00
BSAT	Borehole Sonic Array Tool	10939049	300.00	15.77	19.83	60.00
OBCEN	Centralizer - 25 in. Overbody	001	8.00	2.08	* 32.68	300.00
ACRt	Array Compensated True Resistivity	90144321-e989-s	250.00	19.25	0.58	300.00
SP	SP Ring	1	0.00	0.25	* 1.86	300.00
OBCEN	Centralizer - 25 in. Overbody	002	8.00	2.08	* 16.78	300.00
CBHD	Cabbage Head	001	10.00	0.58	0.00	300.00
Total			1,459.10	73.32		
* Not included in Total Length and Length Accumulation.						
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COMPANY	EOG RESOURCES		
WELL	LAURA 21#1		
FIELD	WILD CAT		
COUNTY	STEVENS	STATE	KANSAS
HALLIBURTON		MICROLOG	