

HALLIBURTON

MICROLOG

COMPANY	BEREXCO INC.		
WELL	WELLINGTON KGS #1-28		
FIELD	WELLINGTON		
COUNTY	SUMNER		
STATE	KANSAS		
COMPANY	BEREXCO INC.	WELL	WELLINGTON KGS #1-28
FIELD	WELLINGTON	COUNTY	SUMNER
STATE	KANSAS	API No.	15-191-22590
Location	560' FSL & 1700' FWL		
Secl.	28	Twp.	31S
Rge.	1W		
Elev.	1257.0 ft	Elev.: K.B.	1270.0 ft
D.F.	13.0 ft above perm. Datum	D.F.	1269.0 ft
G.L.		G.L.	1257.0 ft
Other Services:	DSN/SDL ACRT CSNG GEM WSTT XRMI MRIL		

Date	03-Mar-11	Run No.	1
Permanent Datum	GL	Depth - Driller	5250.00 ft
Log measured from	KB	Depth - Logger	5250.0 ft
Drilling measured from	KB	Bottom - Logged Interval	5241.0 ft
		Top - Logged Interval	648.0 ft
		Casing - Driller	8.625 in @ 633.0 ft
		Casing - Logger	648.0 ft
		Bit Size	7.875 in @
Type Fluid in Hole	WATER BASED MUD	Source of Sample	MUD PIT
Viscosity	9.0 ppq	Density	9.0 ppg
Fluid Loss	6.0 cpm	PH	9.00 pH
Rm @ Meas. Temperature	1.260 ohmm @ 70.00 degF	Rmf @ Meas. Temperature	1.10 ohmm @ 70.00 degF
Rmc @ Meas. Temperature	1.500 ohmm @ 70.00 degF	Source Rmf	MEAS
Rm @ BHT	0.85 ohmm @ 130.0 degF	Time Since Circulation	4.0 hr
Time on Bottom	03-Mar-11 23:12	Max. Rec. Temperature	130.0 degF @ 5250.0 ft
Equipment	10546696	Location	LIBERAL
Recorded By	J. BOSCH		
Witnessed By	L. WATNEY		
		K. CRISLER	
		G. KORALEGEDARRA	

Fold here

Service Ticket No.: 7980390 API Serial No.: 15-191-22590 PGM Version: WL INSITE R3.2.0 (Build 7)

CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE				RESISTIVITY SCALE CHANGES				
Date	Sample No.			Type Log	Depth	Scale Up Hole	Scale Down Hole	
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	MICRO P81	RUBBER	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.	11039640	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.	T-102	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 No.	DEPTH		Speed ft/min	SCALE		SCALE		Matrix	SCALE		Matrix	SCALE		Matrix
	From	To		L	R	L	R		L	R		L	R	
	GENERAL GAMMA ACOUSTIC DENSITY NEUTRON													
ONE	648	5227	REC	0	150									

DIRECTIONAL INFORMATION

Maximum Deviation @ _____ KOP @ _____

Remarks: ANNULAR HOLE VOLUME CALCULATED FOR 5.5 INCH CASING

CHLORIDES: 3000 PPM LCM: 13 LB/BBL

GPS COORDINATES: LAT: 37.19 N LONG: 97.26 W

GTET/CSNG/GEM/DSN/SDL/ACRT RAN IN COMBINATION

TODAY'S CREW: V. JAIME, K. KELLY

THANK YOU FOR CHOOSING HALLIBURTON ENERGY SERVICES, LIBERAL, KS 620-624-8123

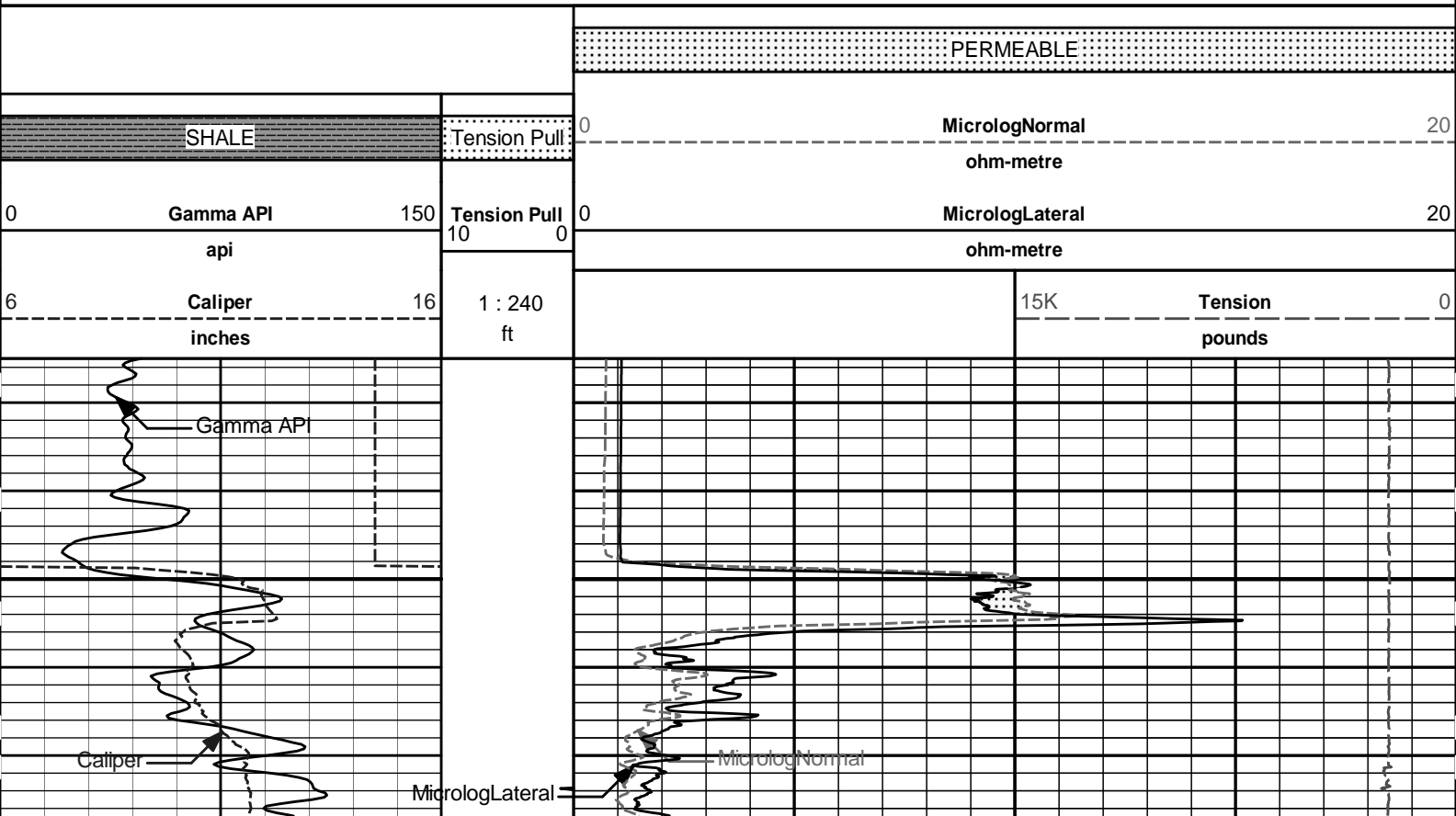
HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR 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.

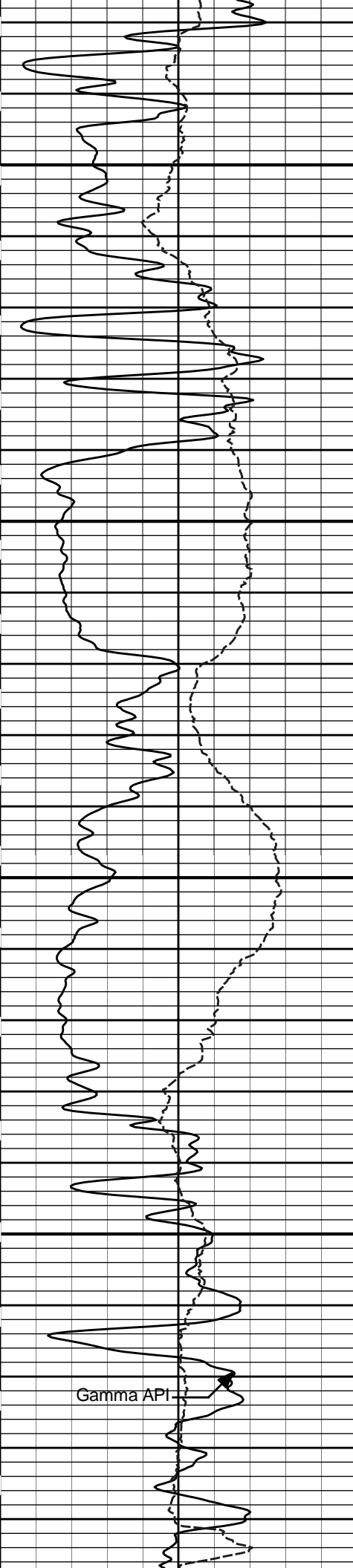
HALLIBURTON

HALLIBURTON

Plot Time: 04-Mar-11 08:21:48
 Plot Range: 625 ft to 5254.33 ft
 Data: WELLINGTON_1_28\Well Based\DAQ-0001-003\
 Plot File: \\LOCAL-WELLINGTON_1_28\Well Based\MICRO\Microlog_IQ_5_main_lib

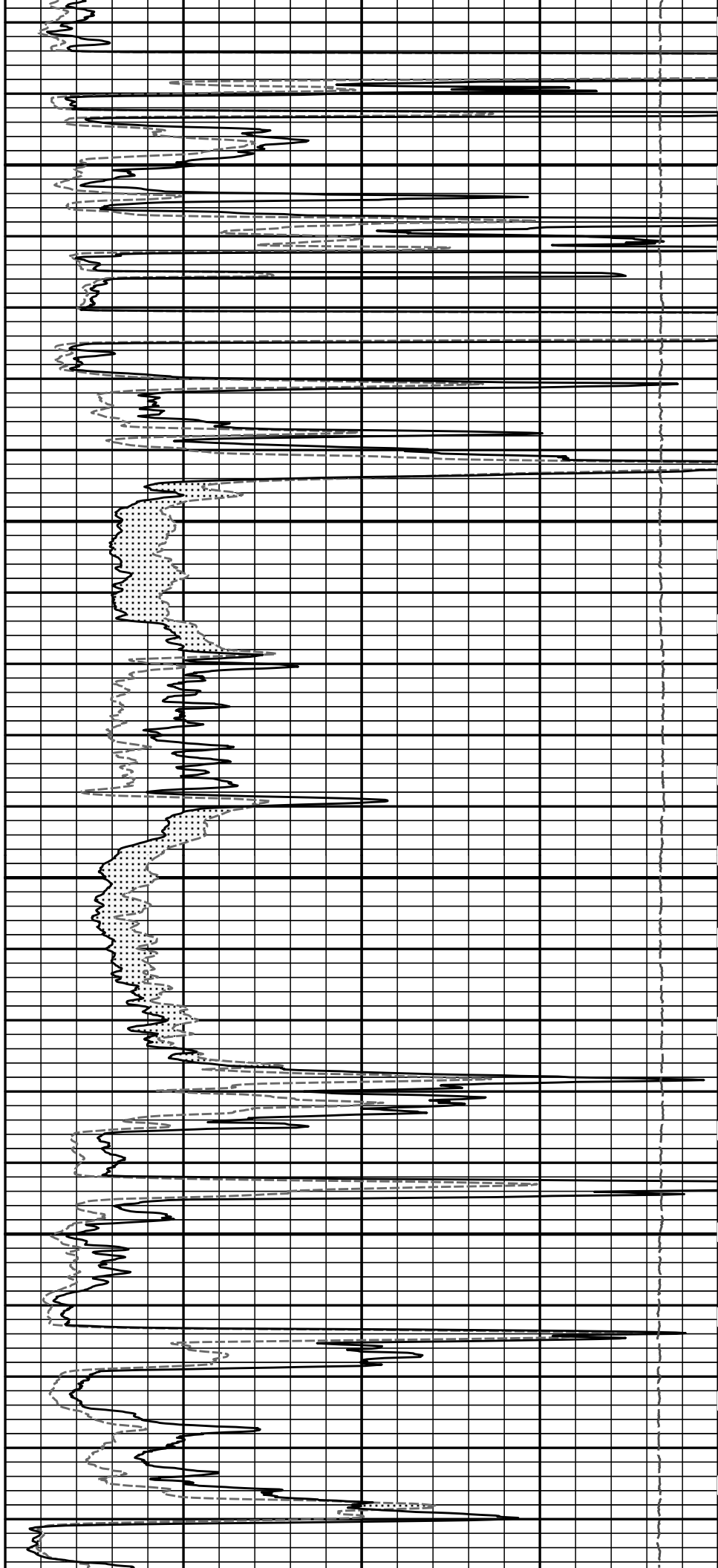
5 INCH MAIN LOG





700

800



900

Caliper

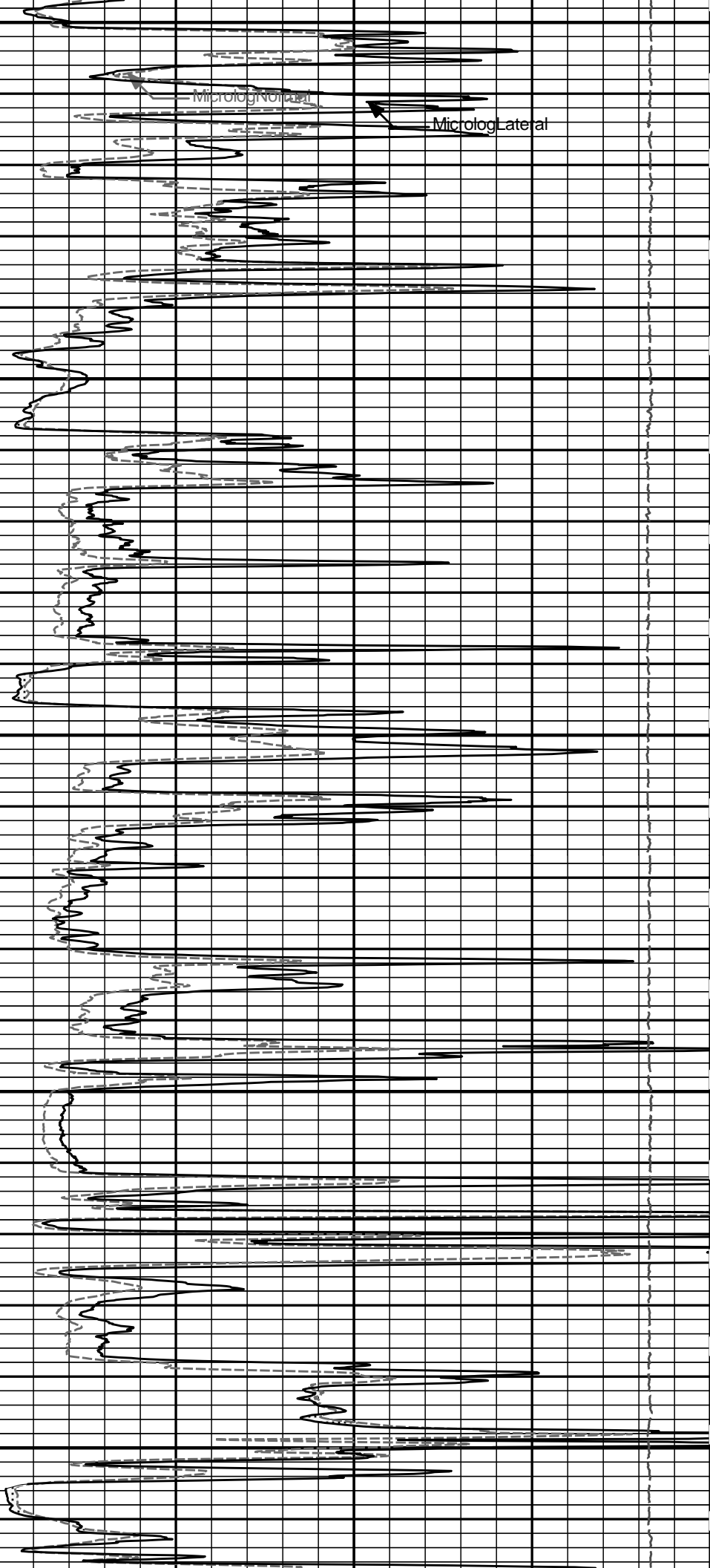
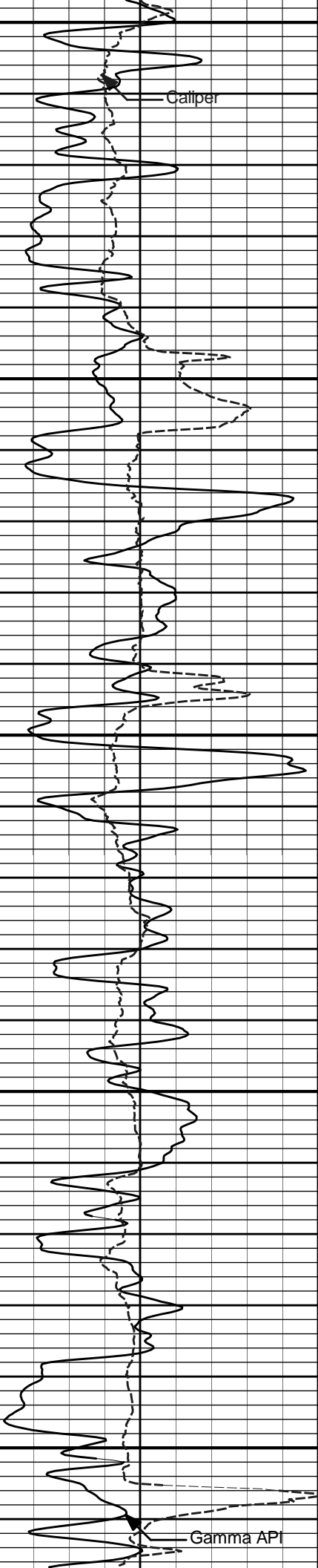
MicrologNormal

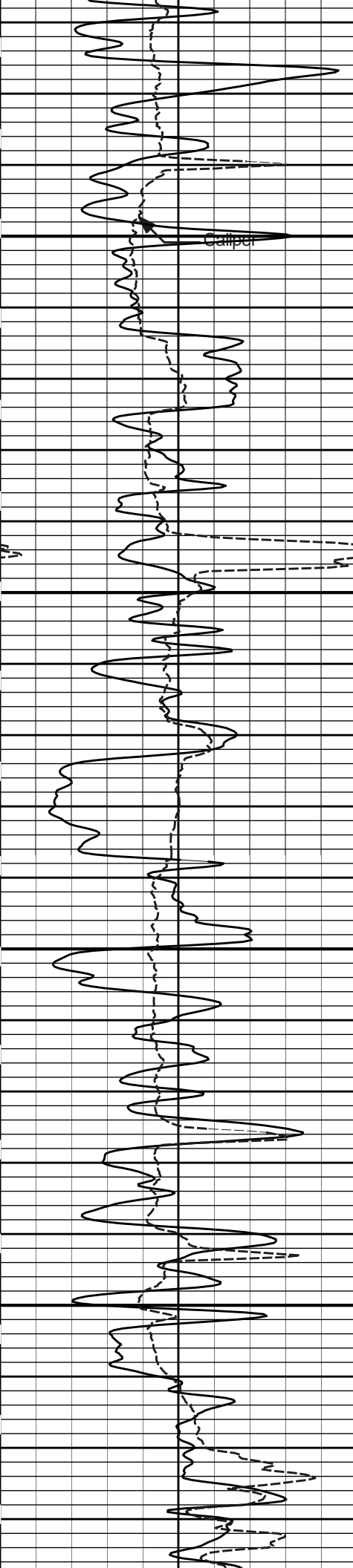
MicrologLateral

1000

1100

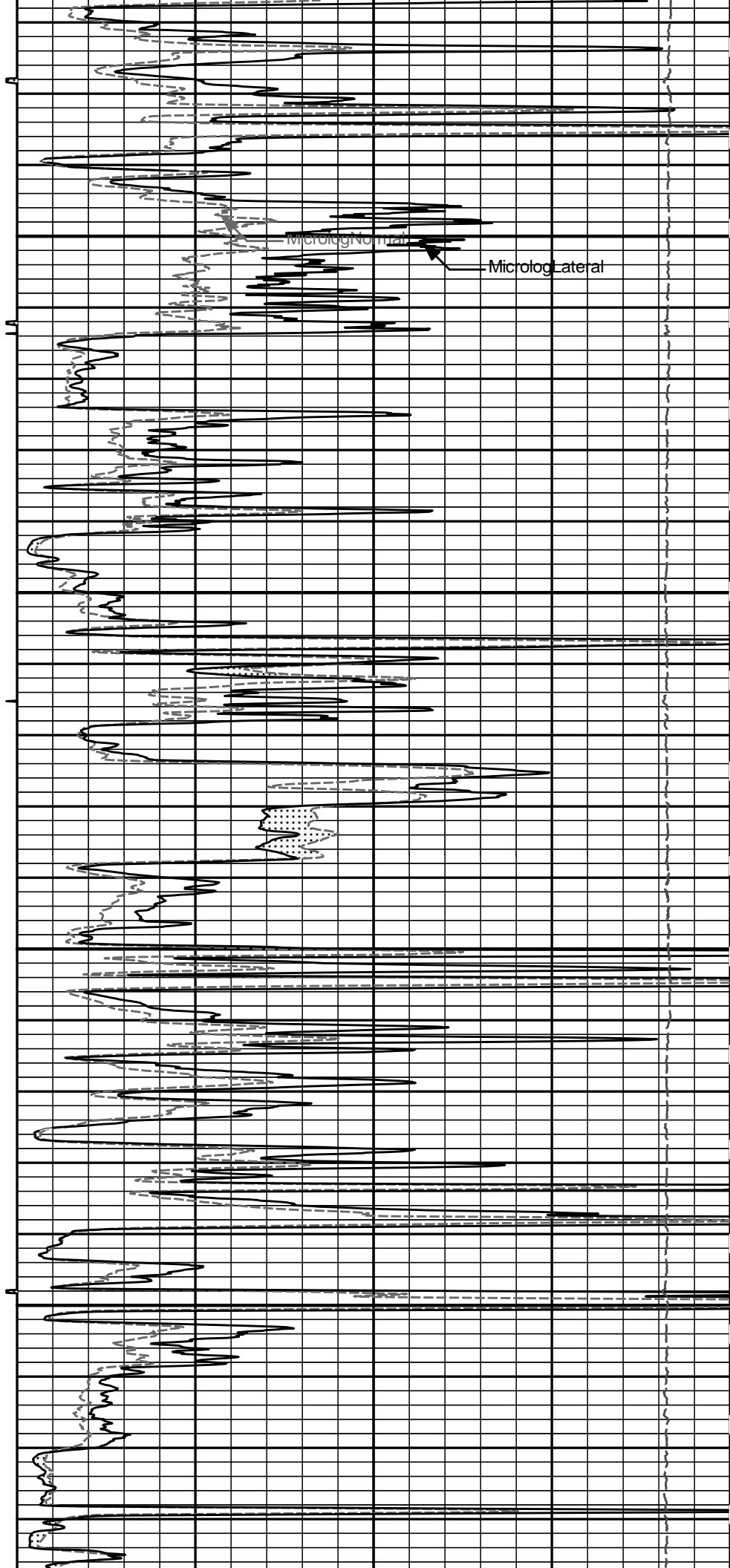
Gamma API





1200

1300





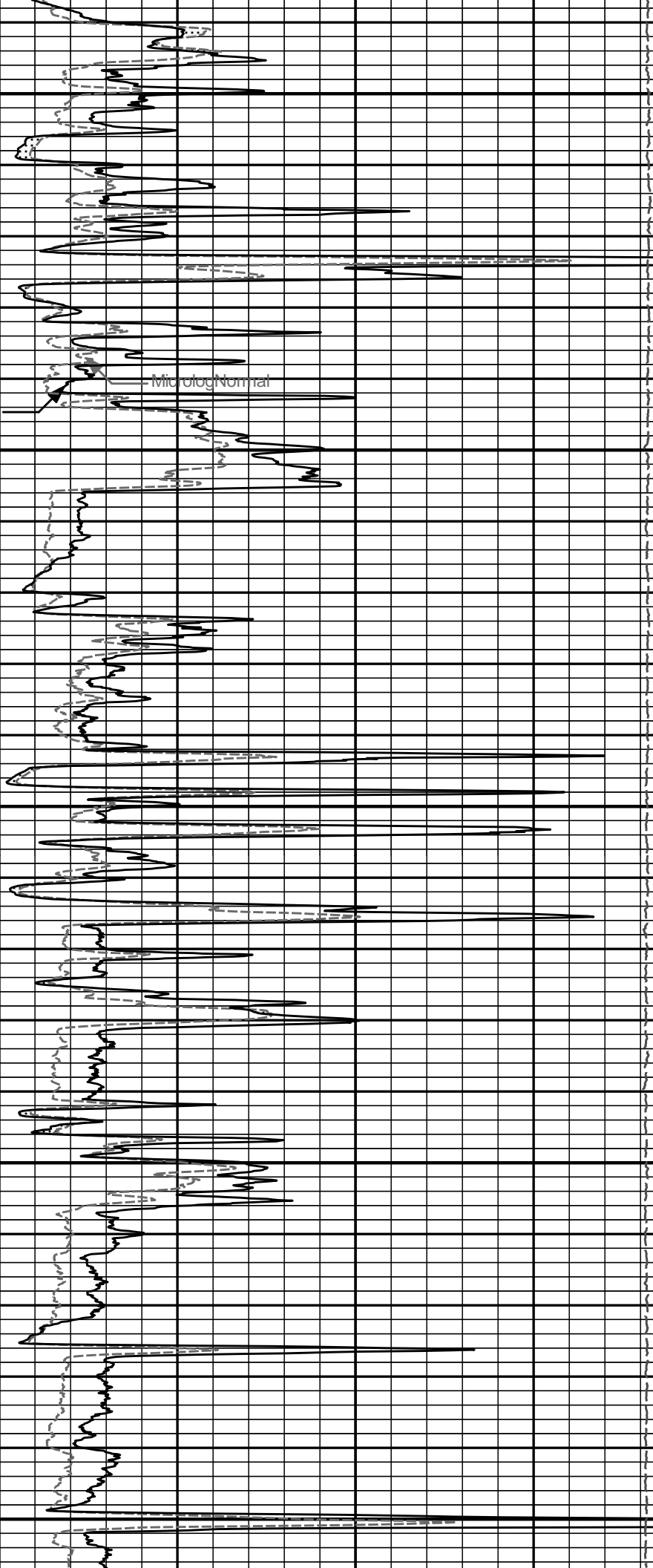
Gamma API

Caliper

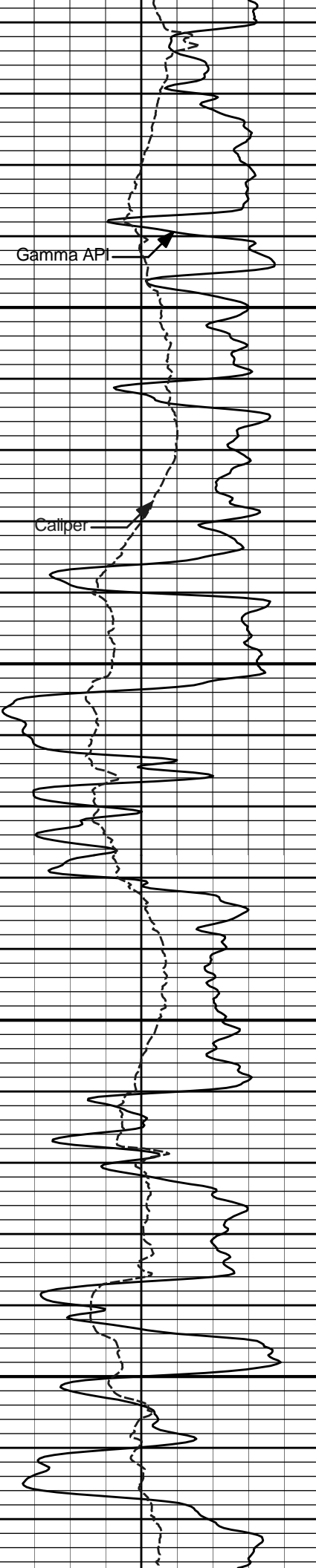
MicrologLateral

1400

1500



MicrologNormal

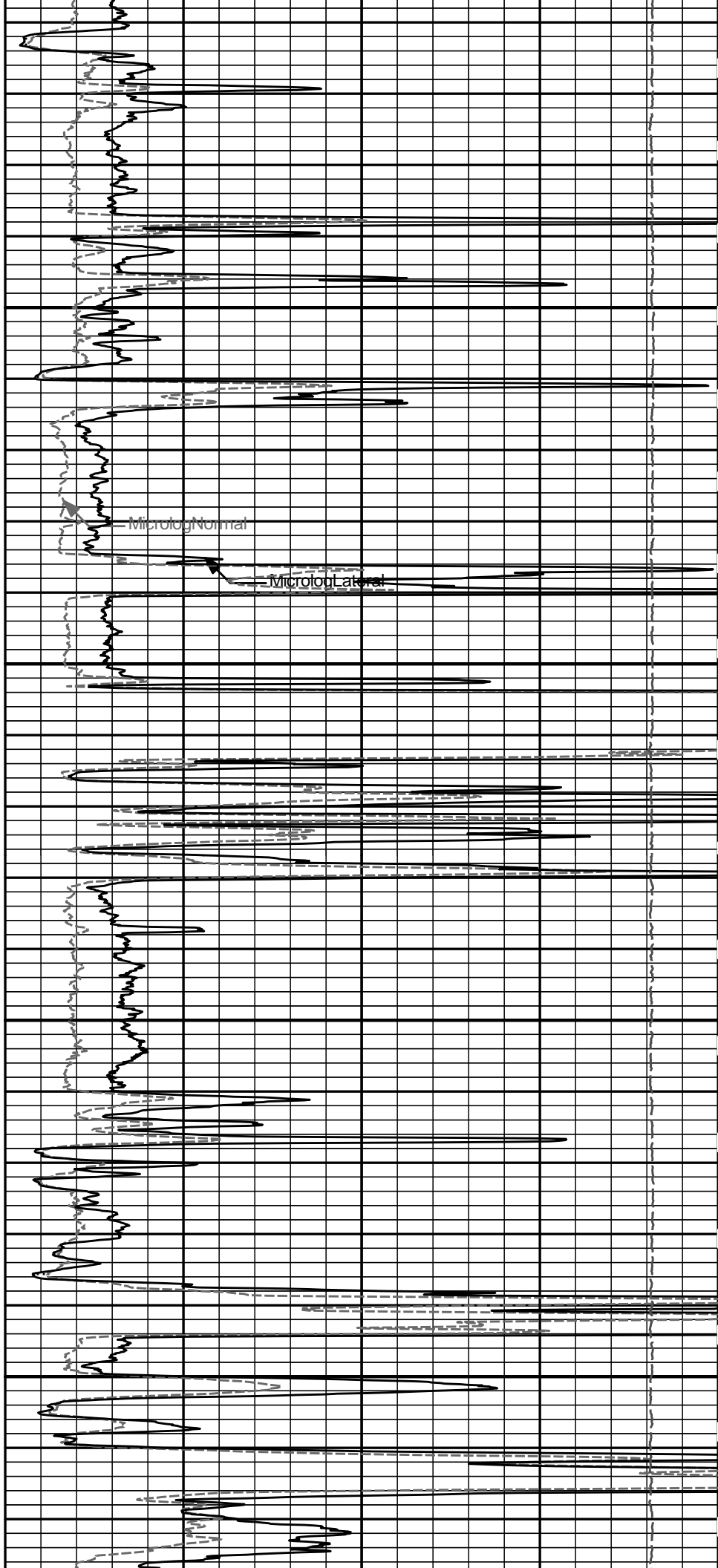


Gamma API

Caliper

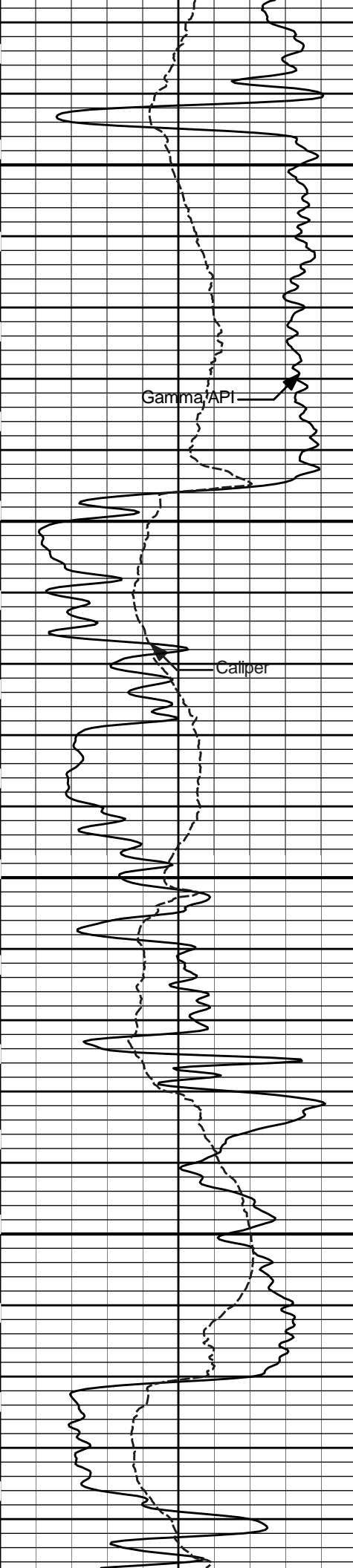
1600

1700



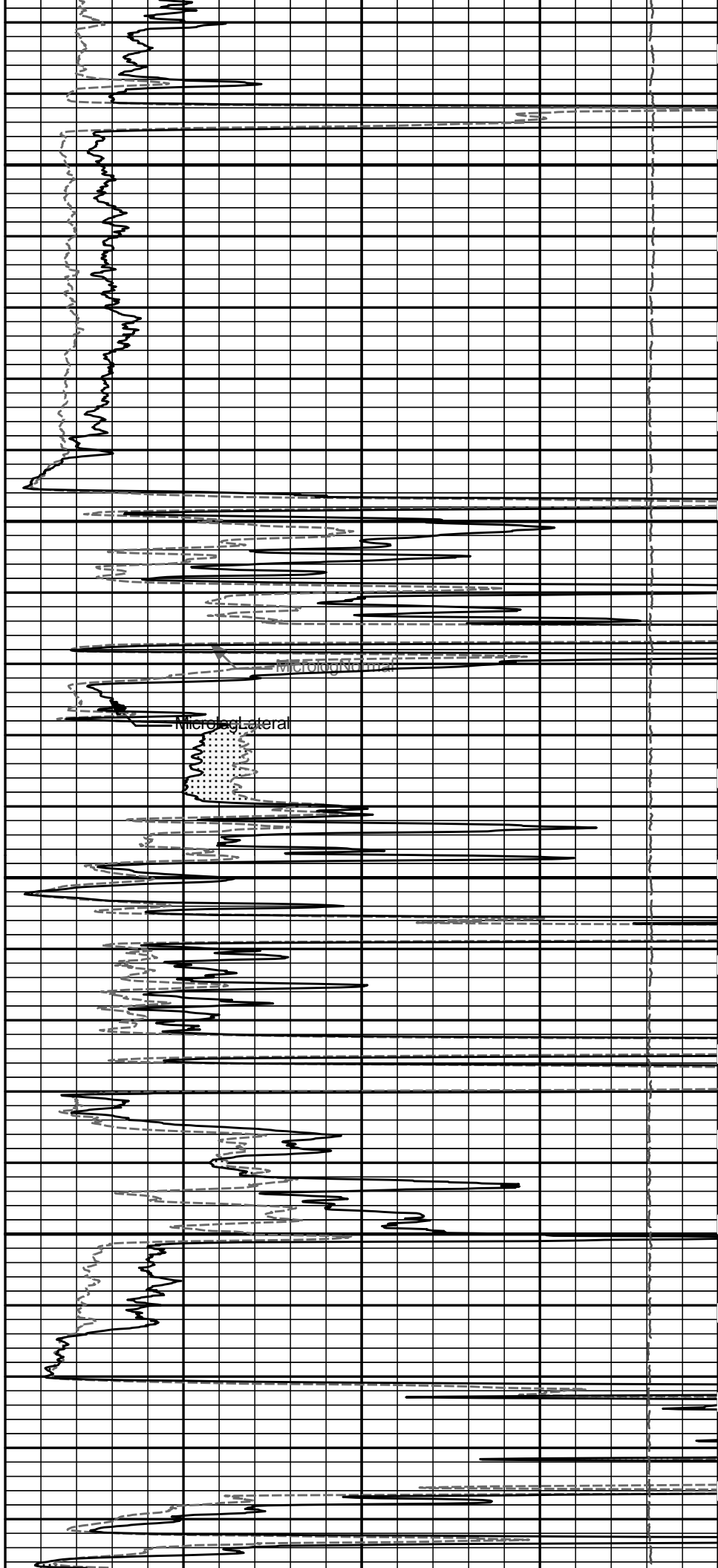
Microlog Normal

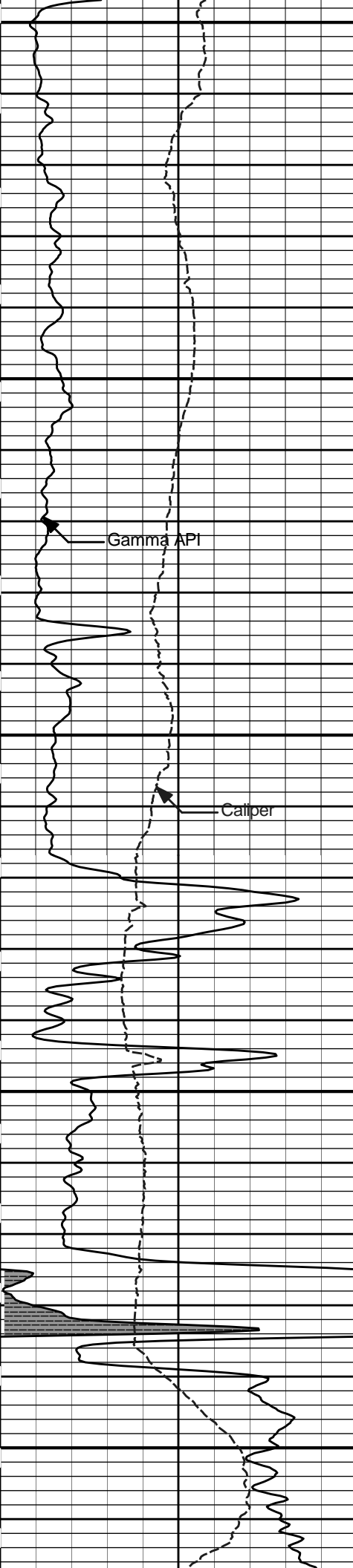
Microlog Lateral



1800

1900

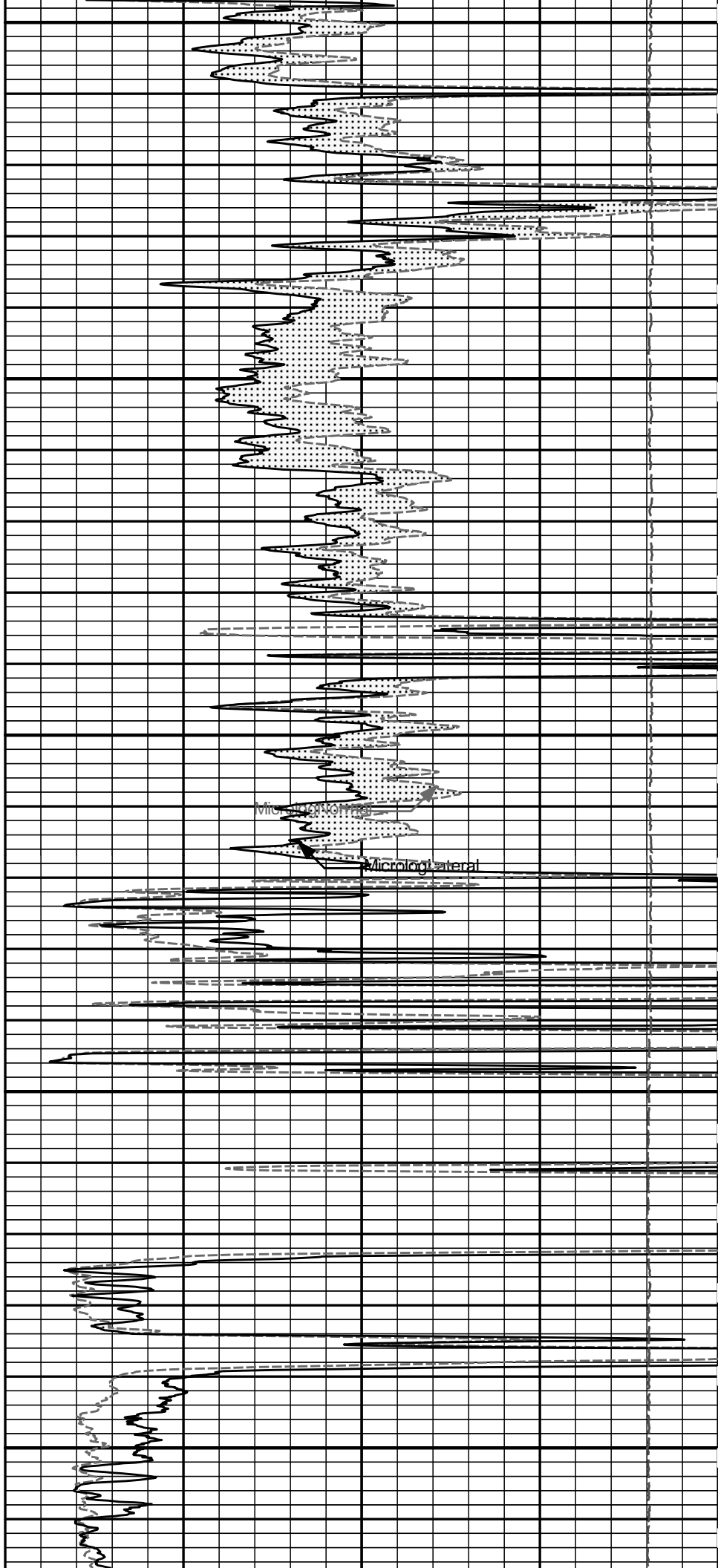




2000

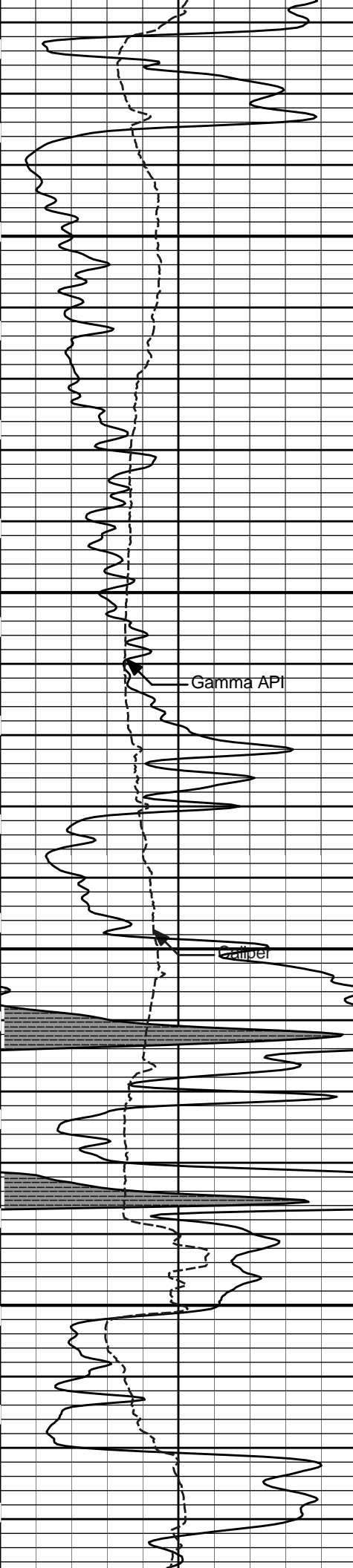
2100

2200



Microlog

Microlog lateral

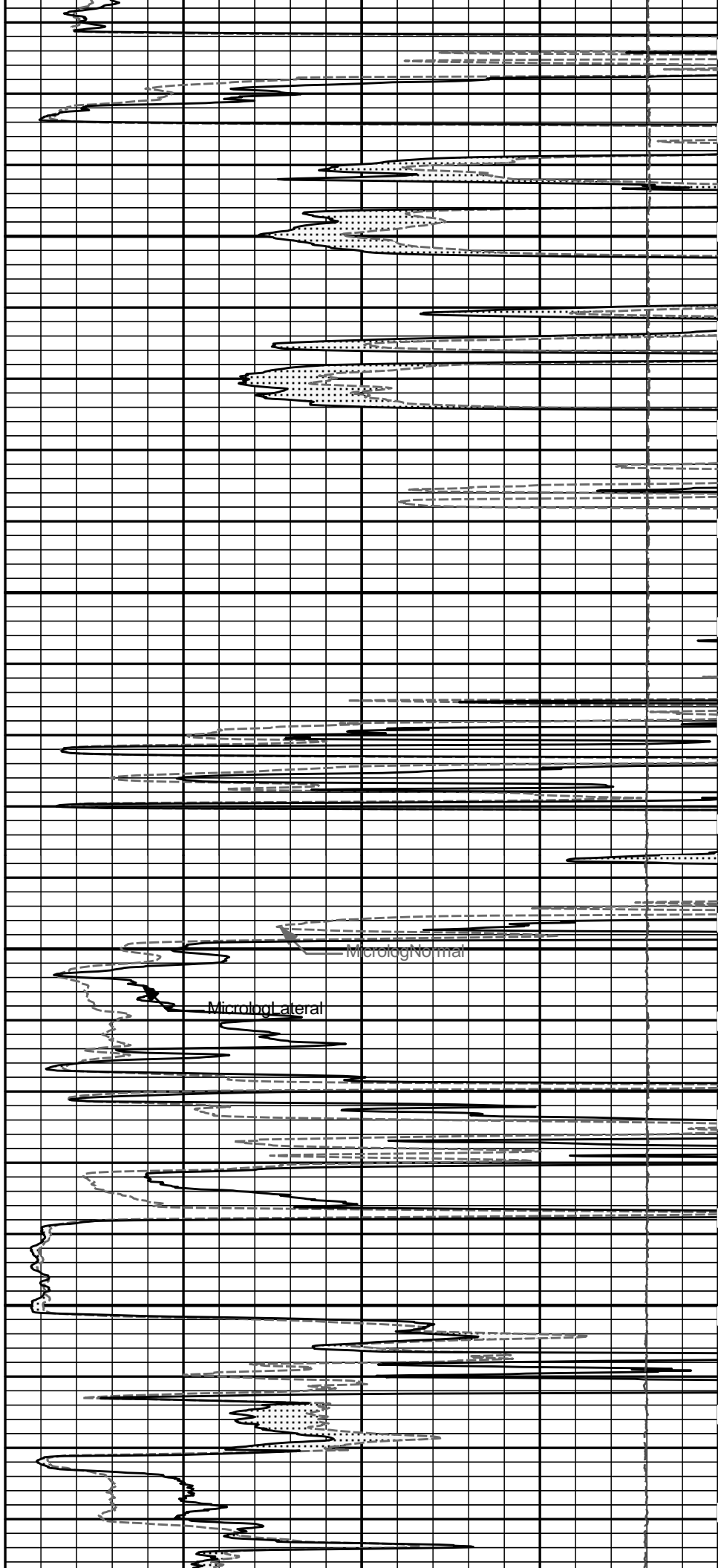


2300

Gamma API

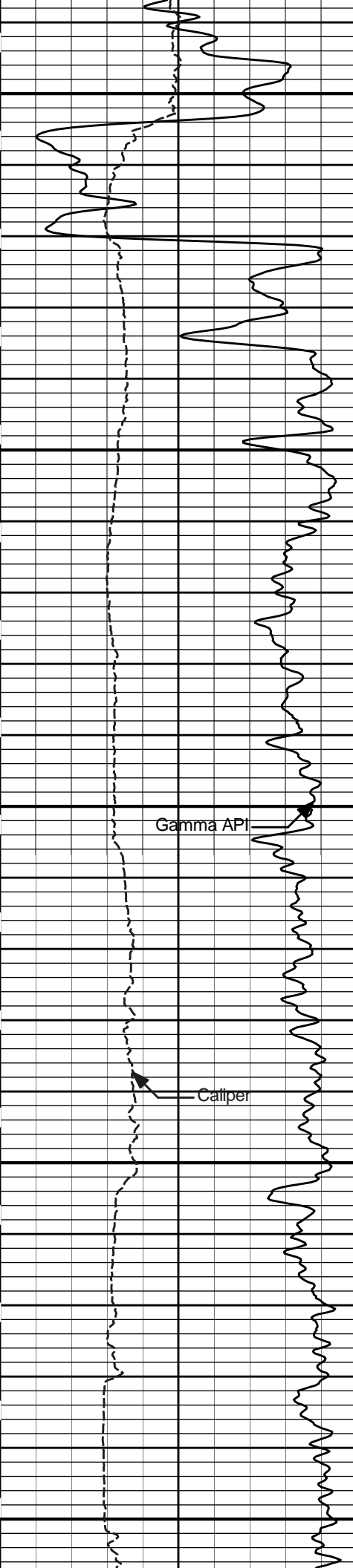
Caliper

2400



MicrologNormal

MicrologLateral

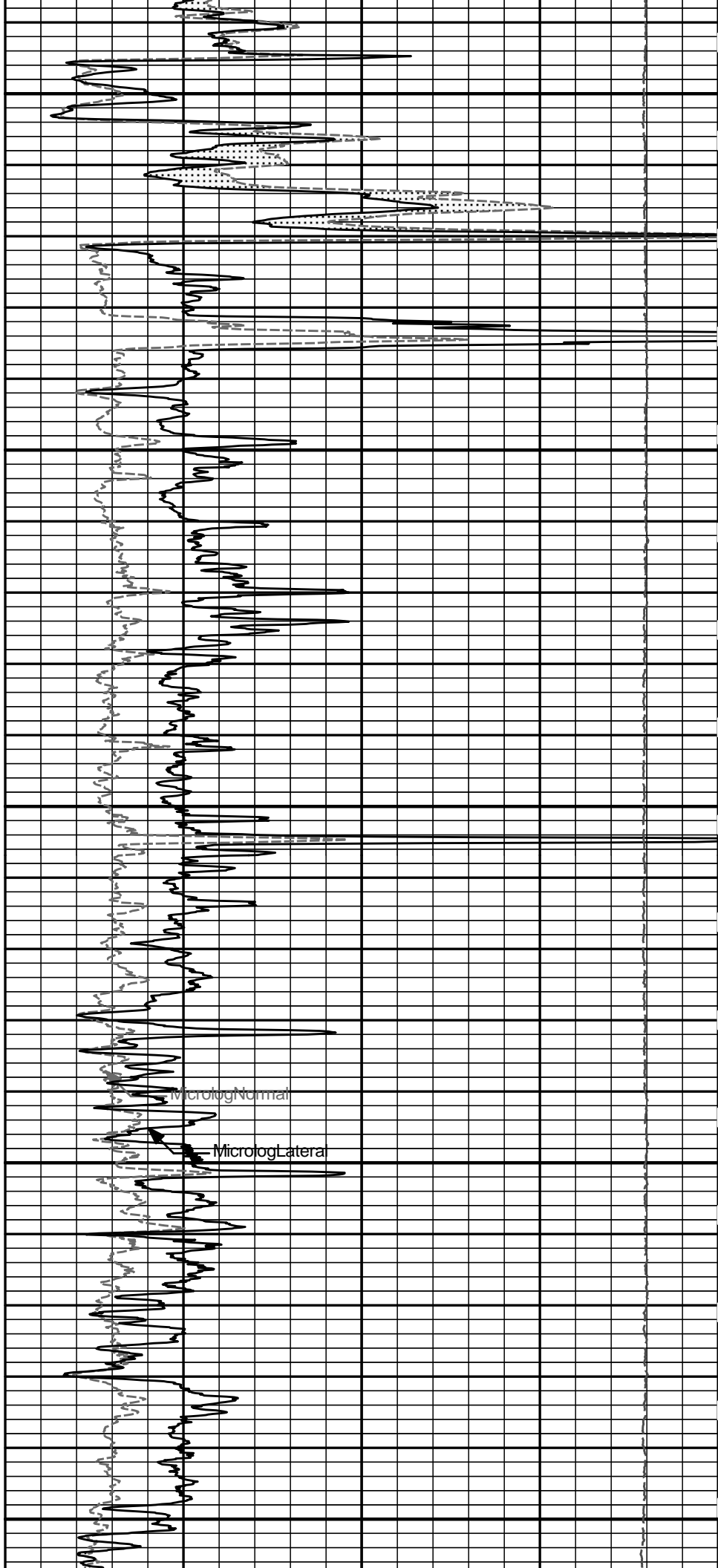


2500

Gamma API

Caliper

2600



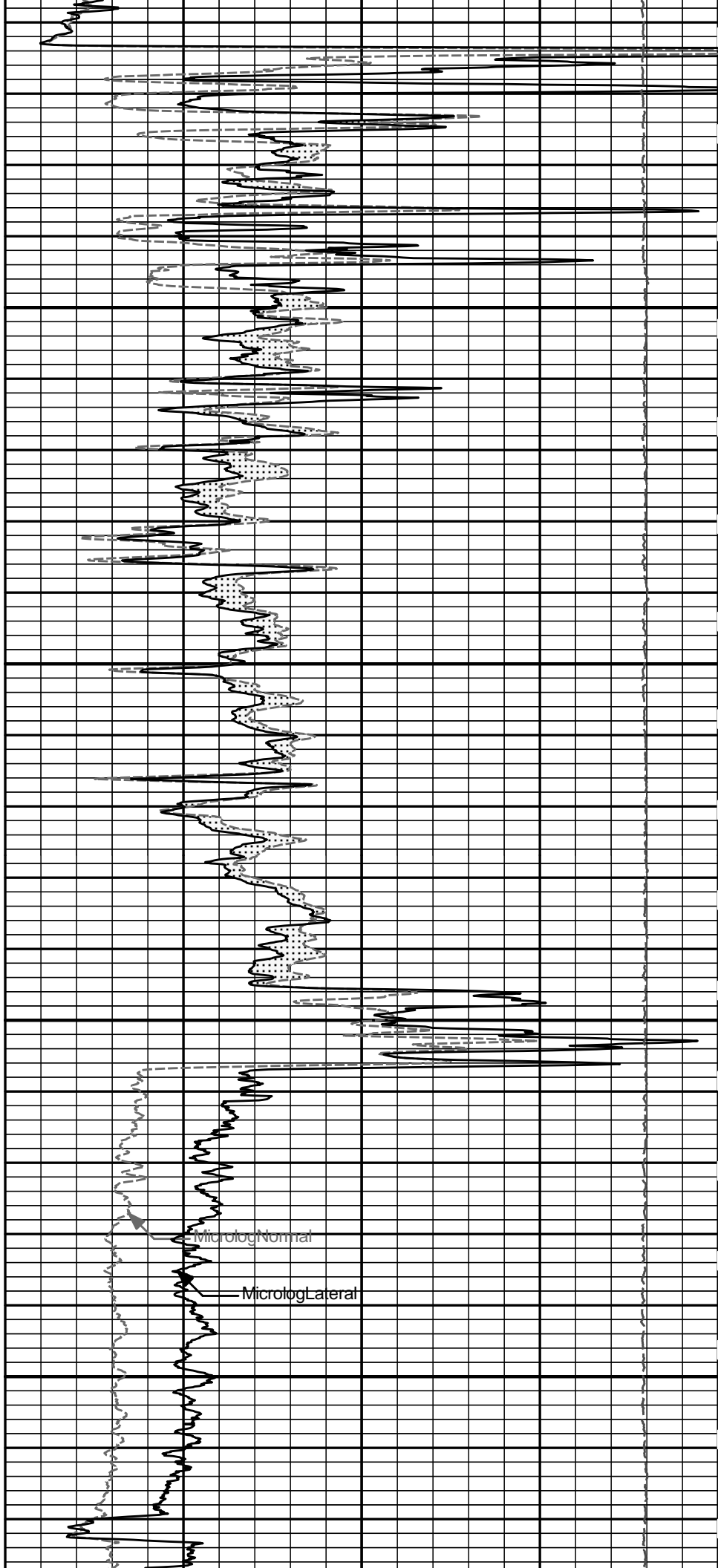
MicrologNormal

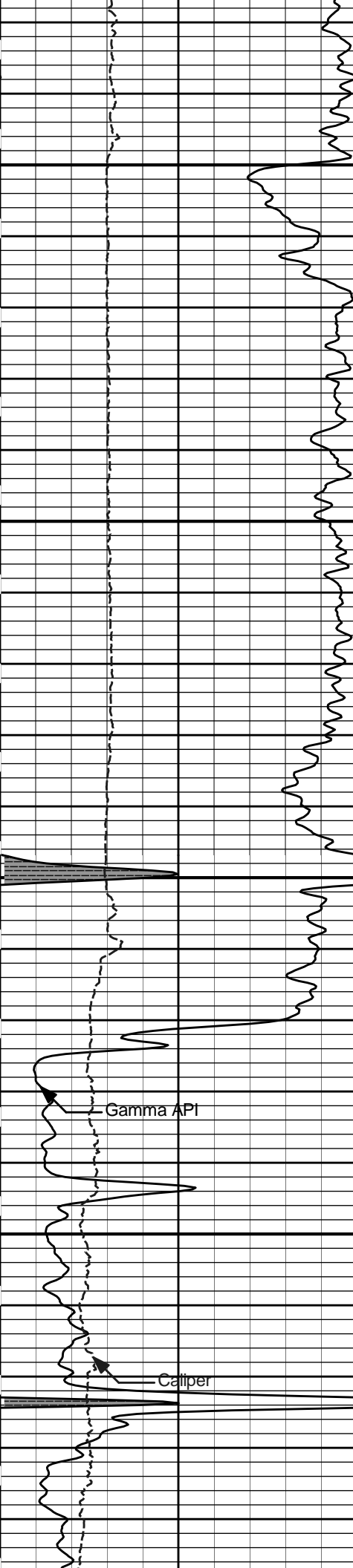
MicrologLateral



2700

2800



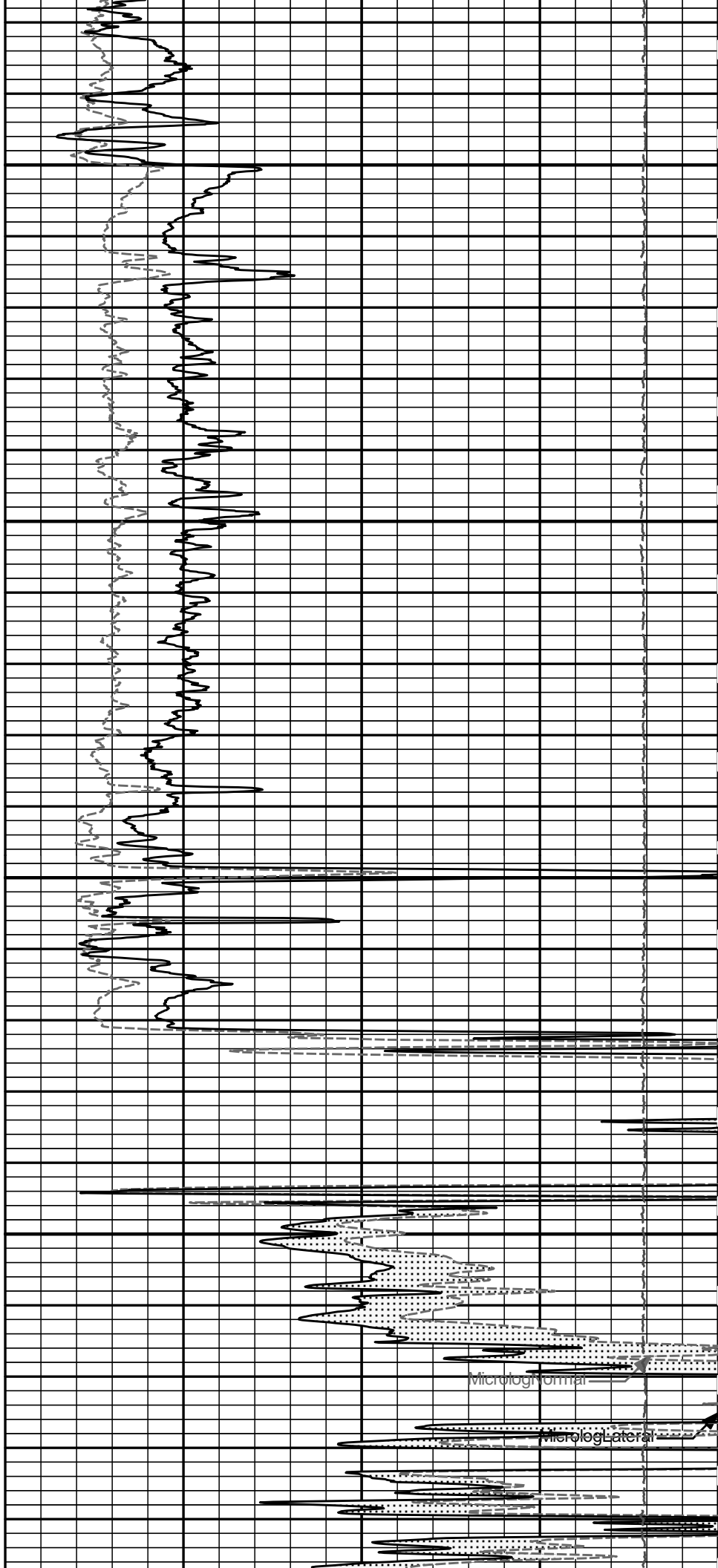


2900

3000

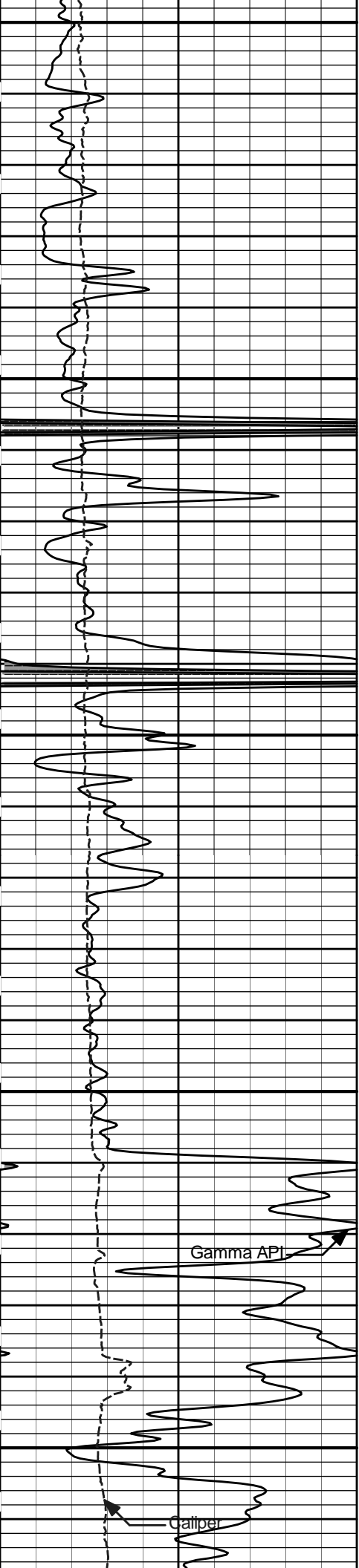
Gamma API

Caliper



MicrologNormal

MicrologLateral



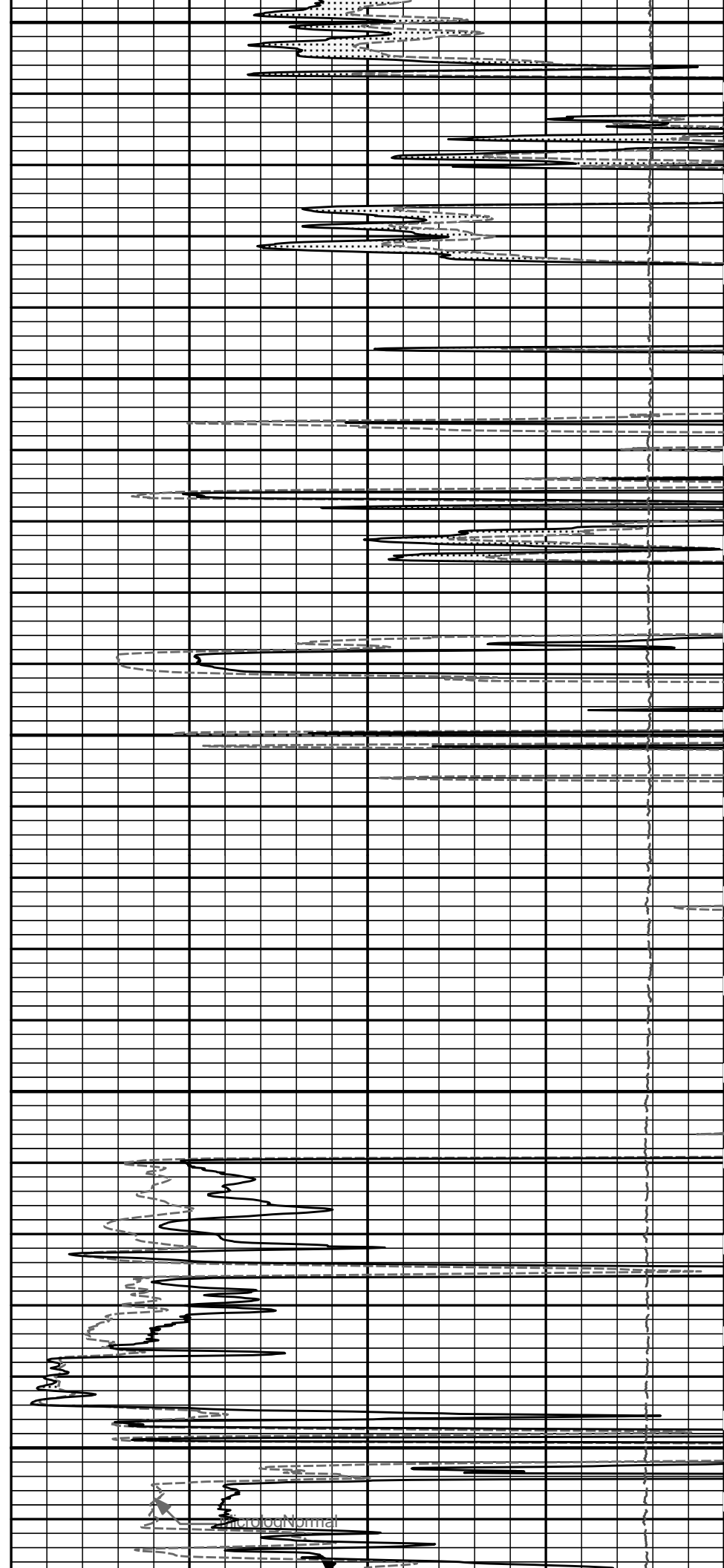
3100

3200

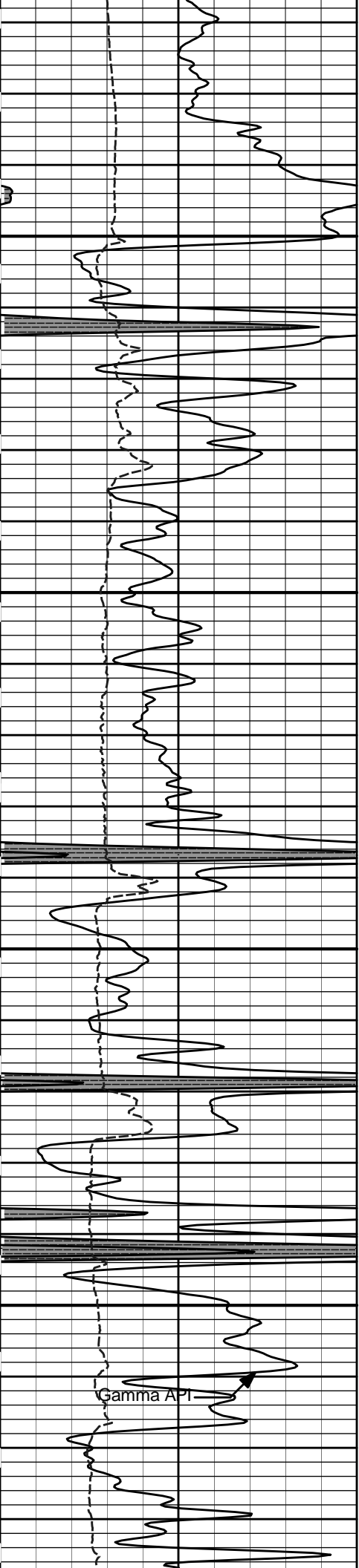
3300

Gamma API

Galper



MicroNormal

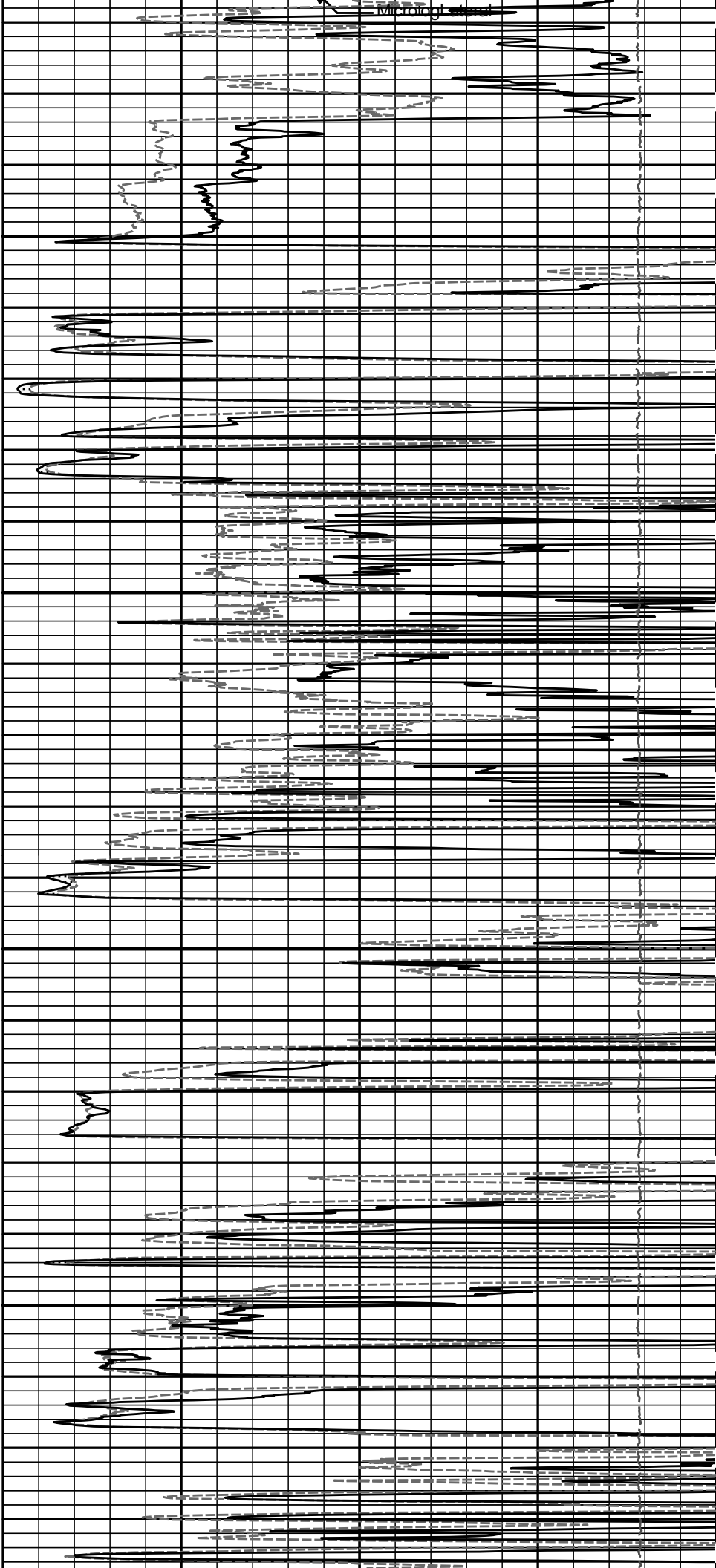


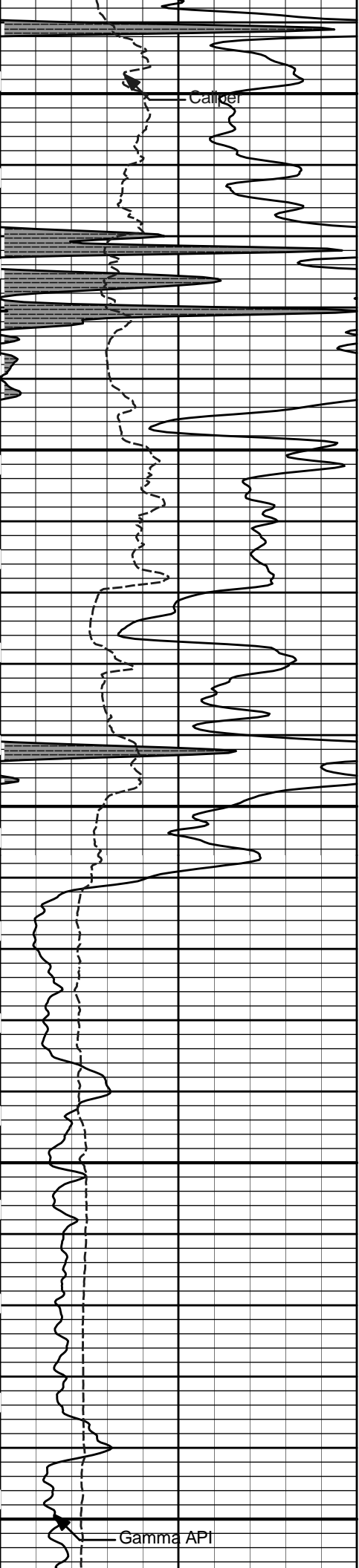
3400

3500

Gamma API

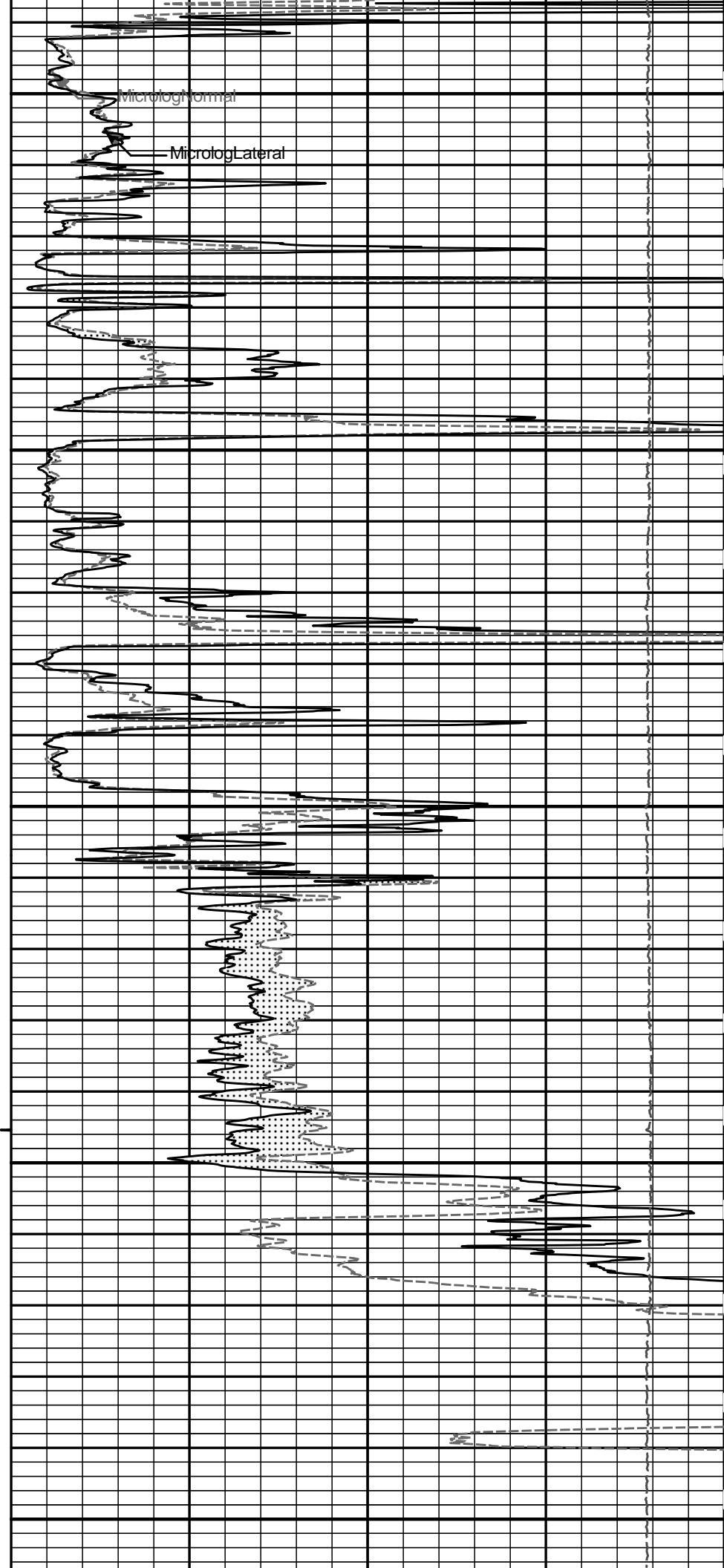
Microlog lateral

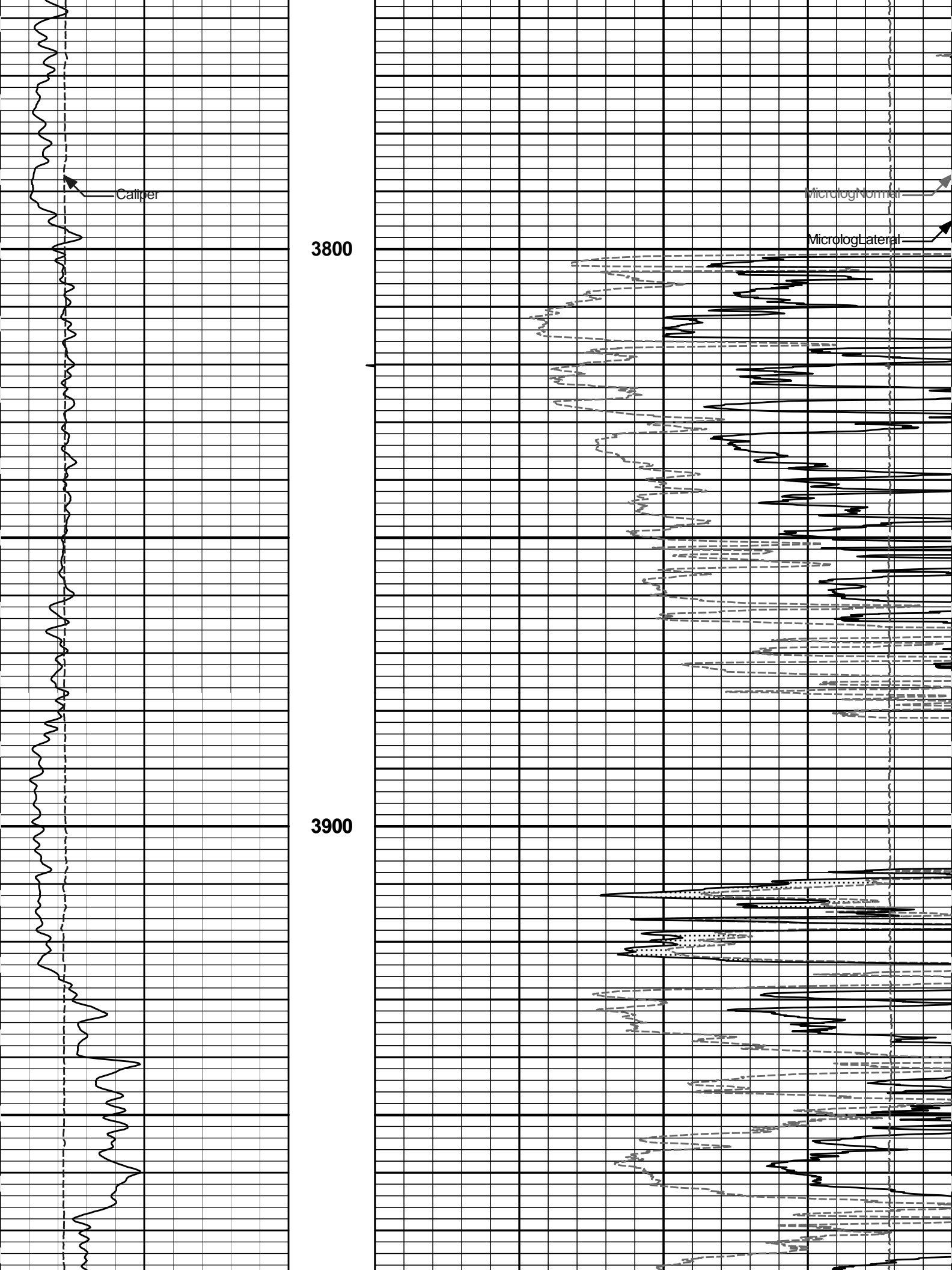


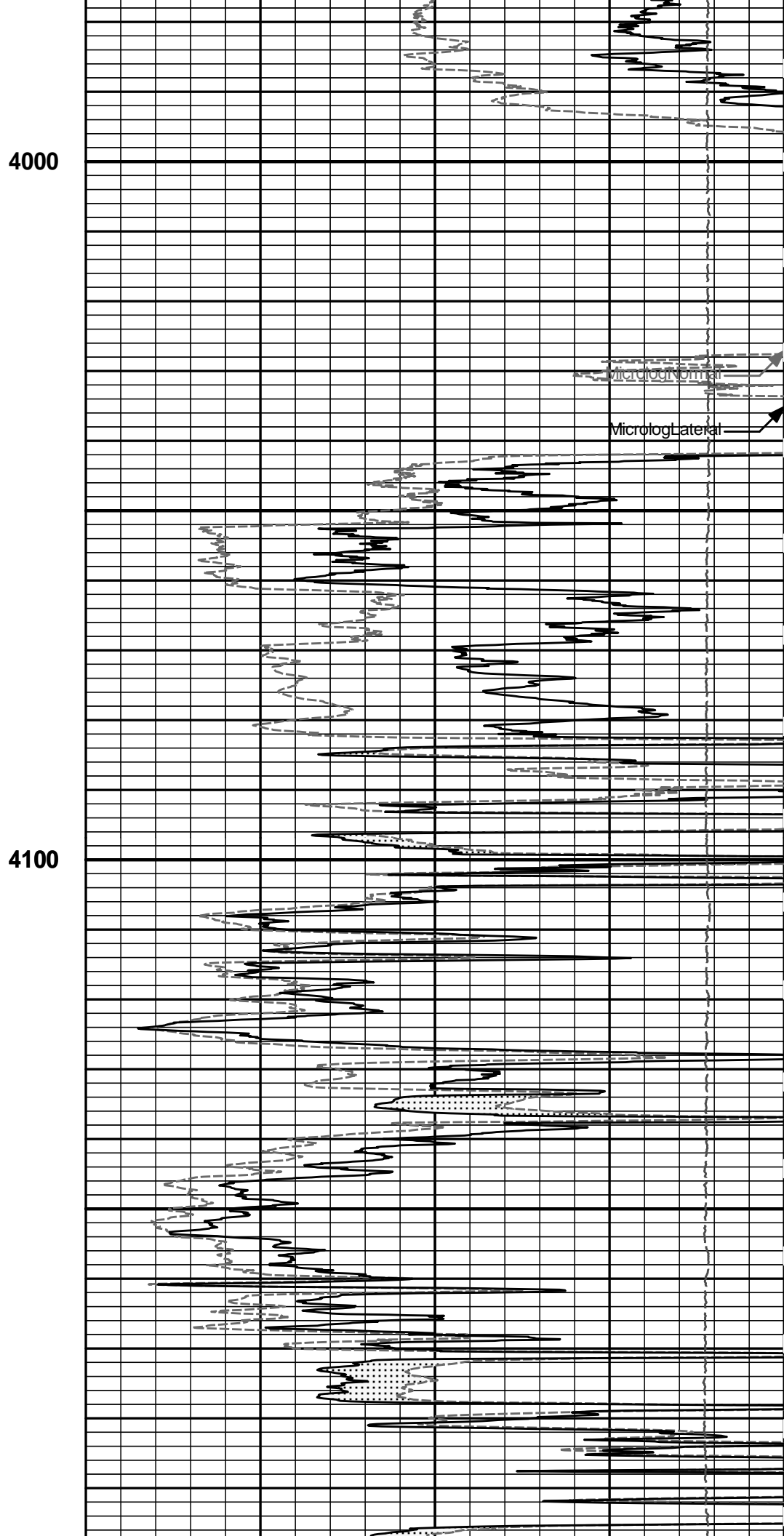
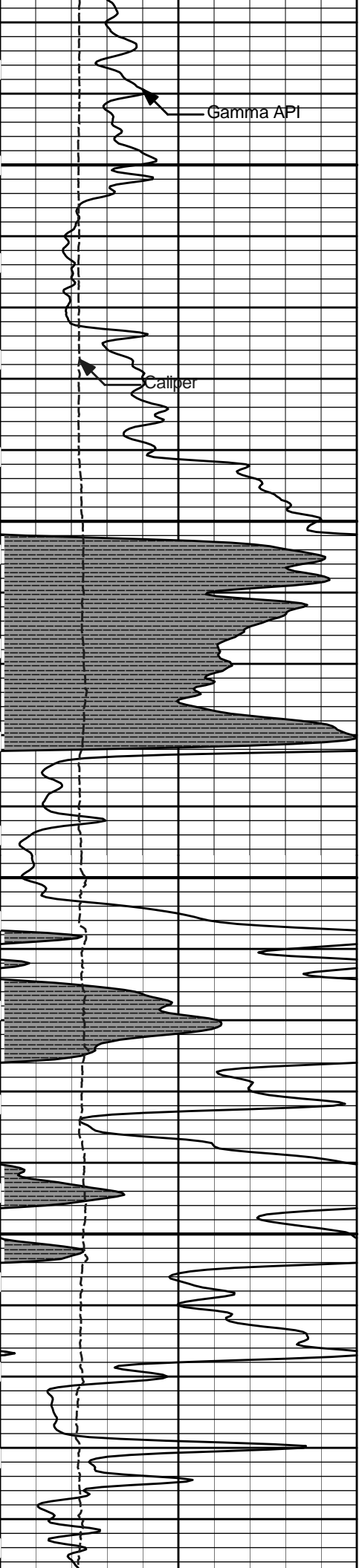


3600

3700









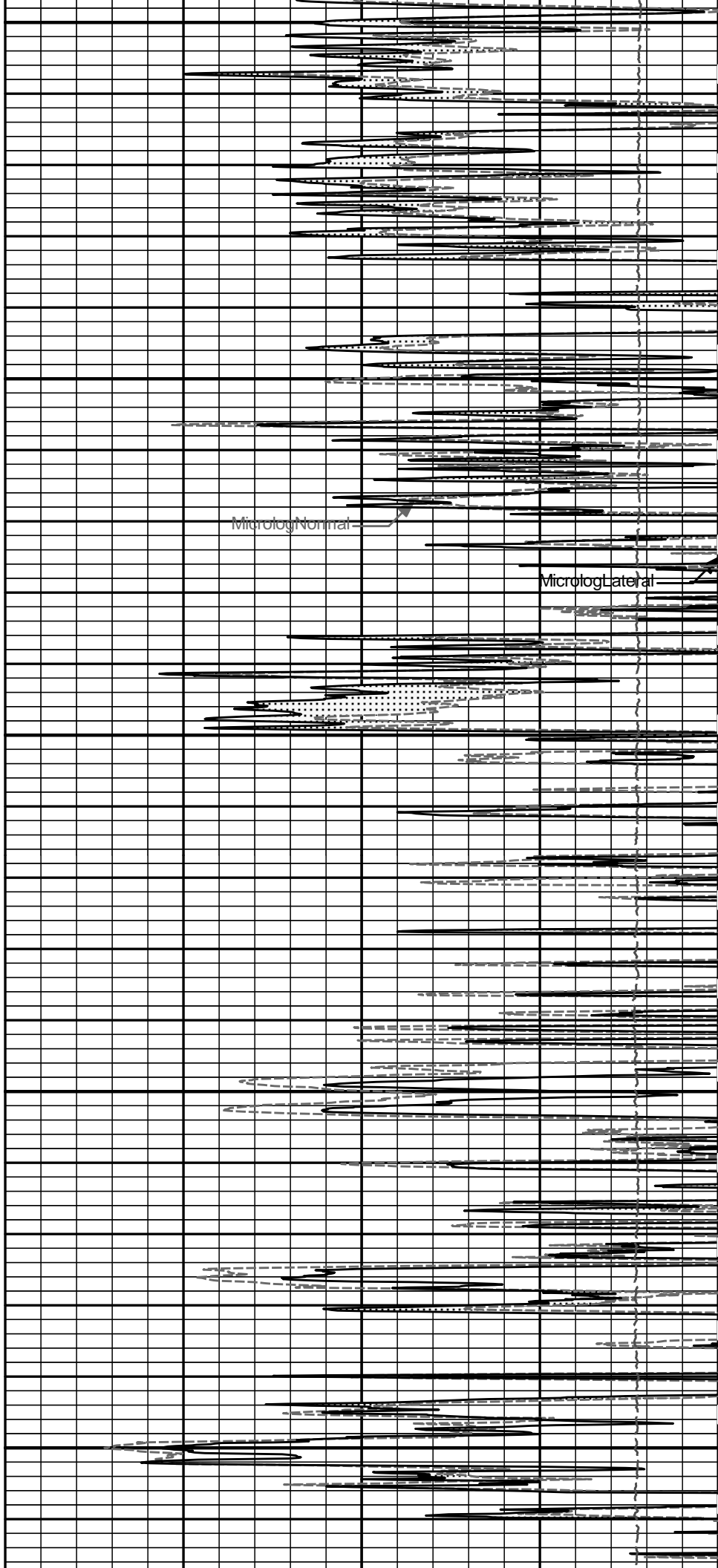
4200

Gamma API

Caliper

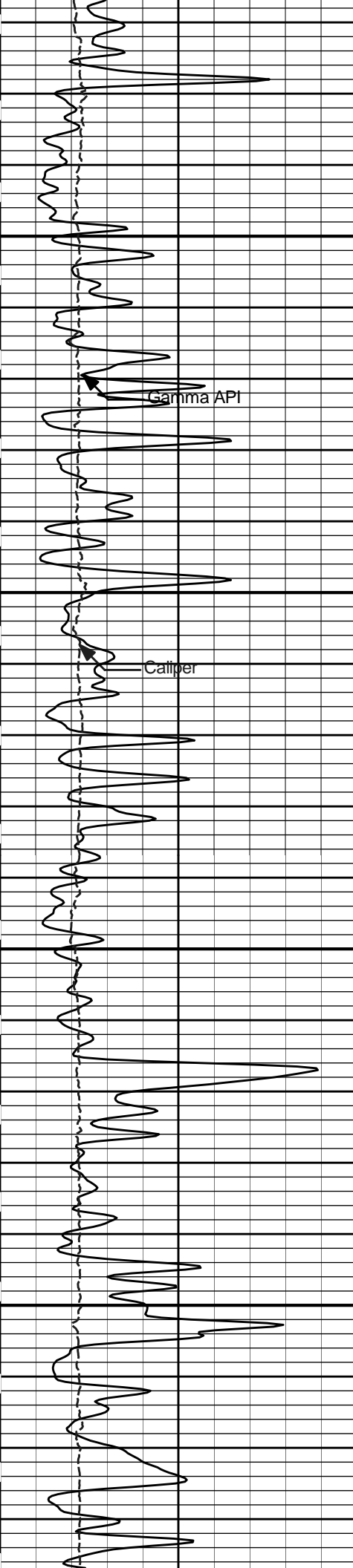
4300

4400



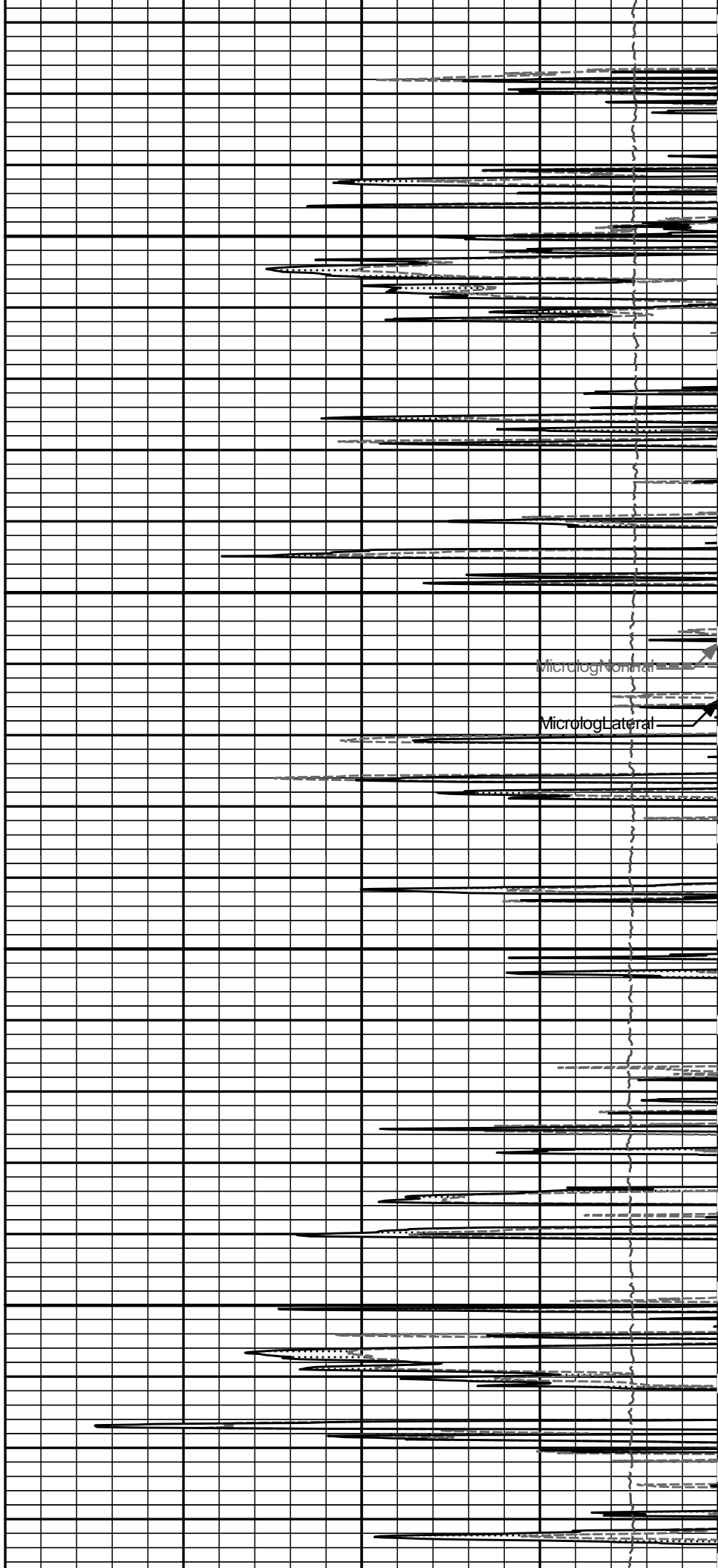
Microlog Normal

Microlog Lateral



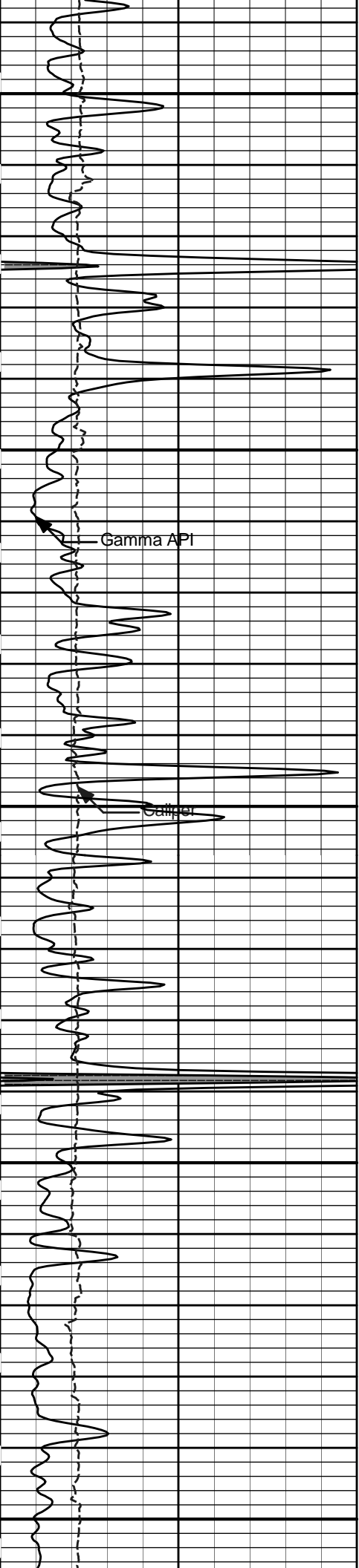
4500

4600



Microlog Normal

Microlog Lateral

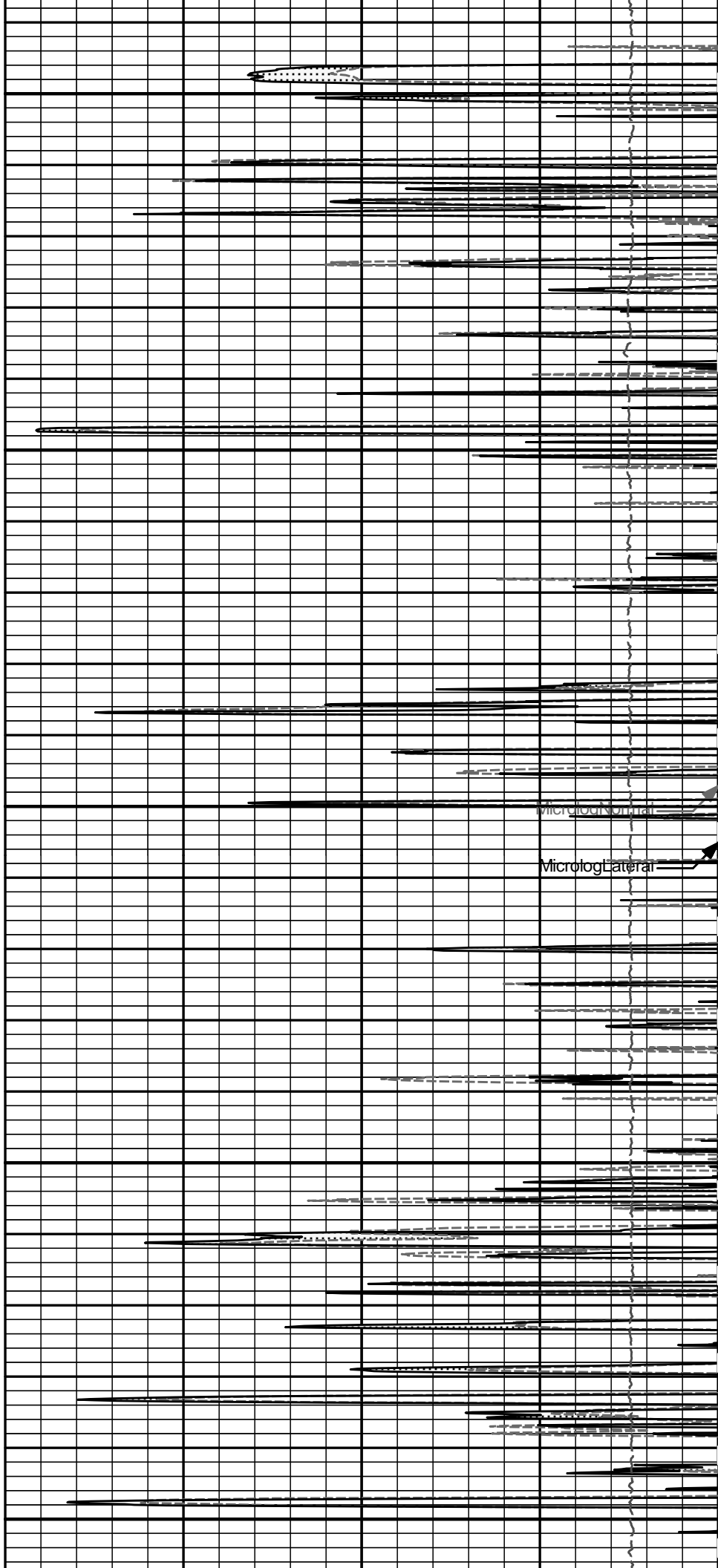


4700

Gamma API

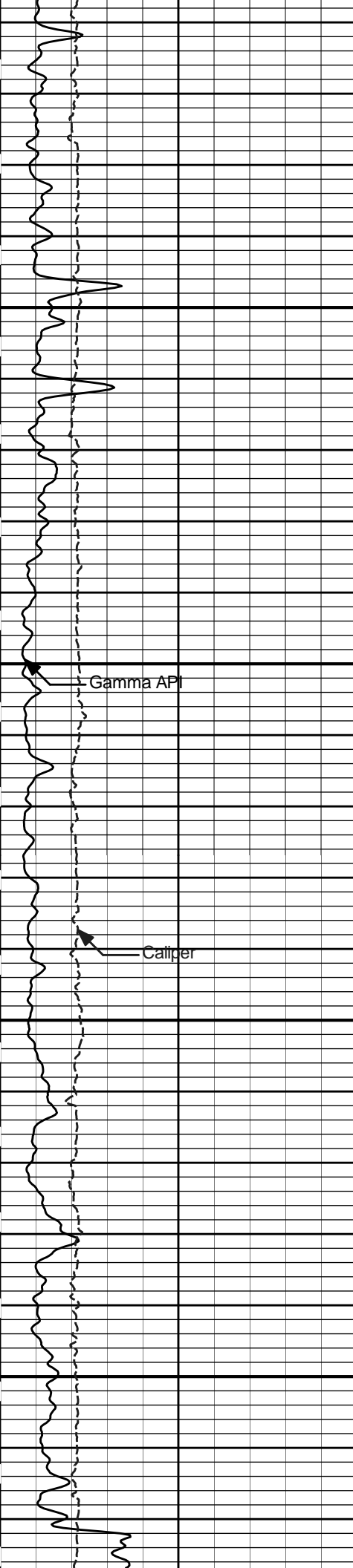
Caliper

4800



Microlog Normal

Microlog Lateral

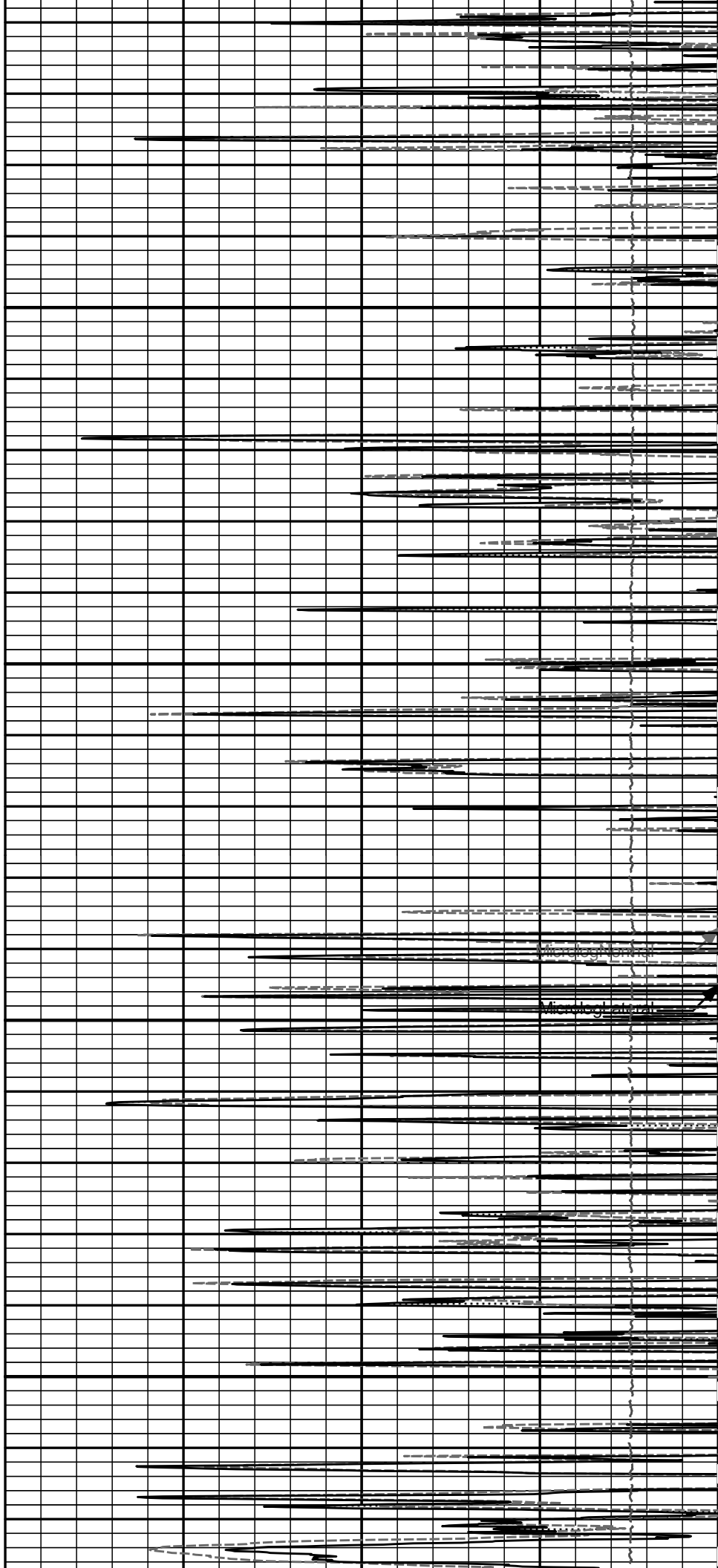


4900

Gamma API

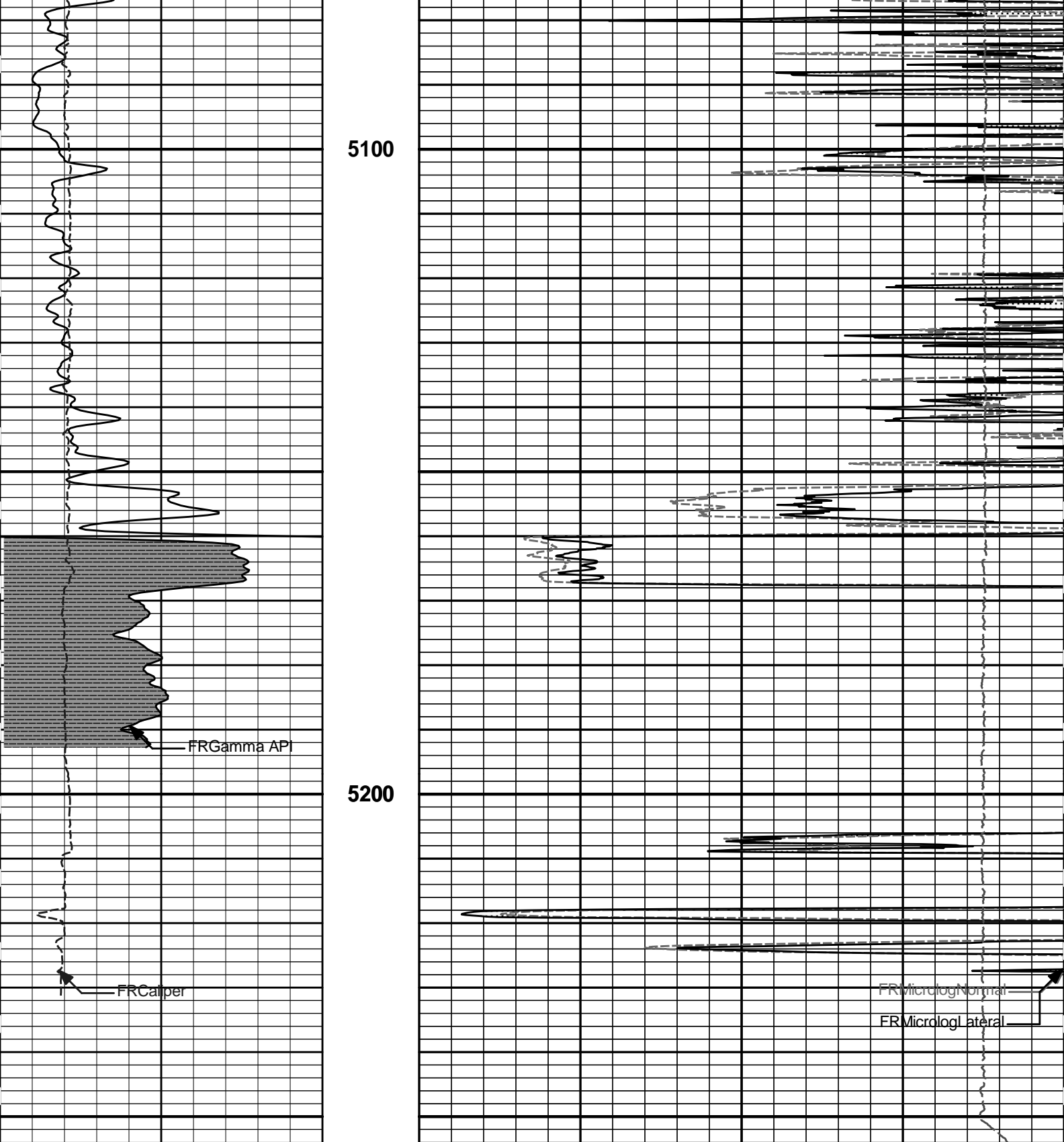
Caliper

5000



Microlog 1

Microlog 2



6	Caliper	16	1 : 240	15K	Tension	0
	inches		ft		pounds	
0	Gamma API	150	Tension Pull	0	MicrologLateral	20
	api		10	0	ohm-metre	
	SHALE		Tension Pull	0	MicrologNormal	20
				0	ohm-metre	
					PERMEABLE	

5 INCH MAIN LOG

HALLIBURTON

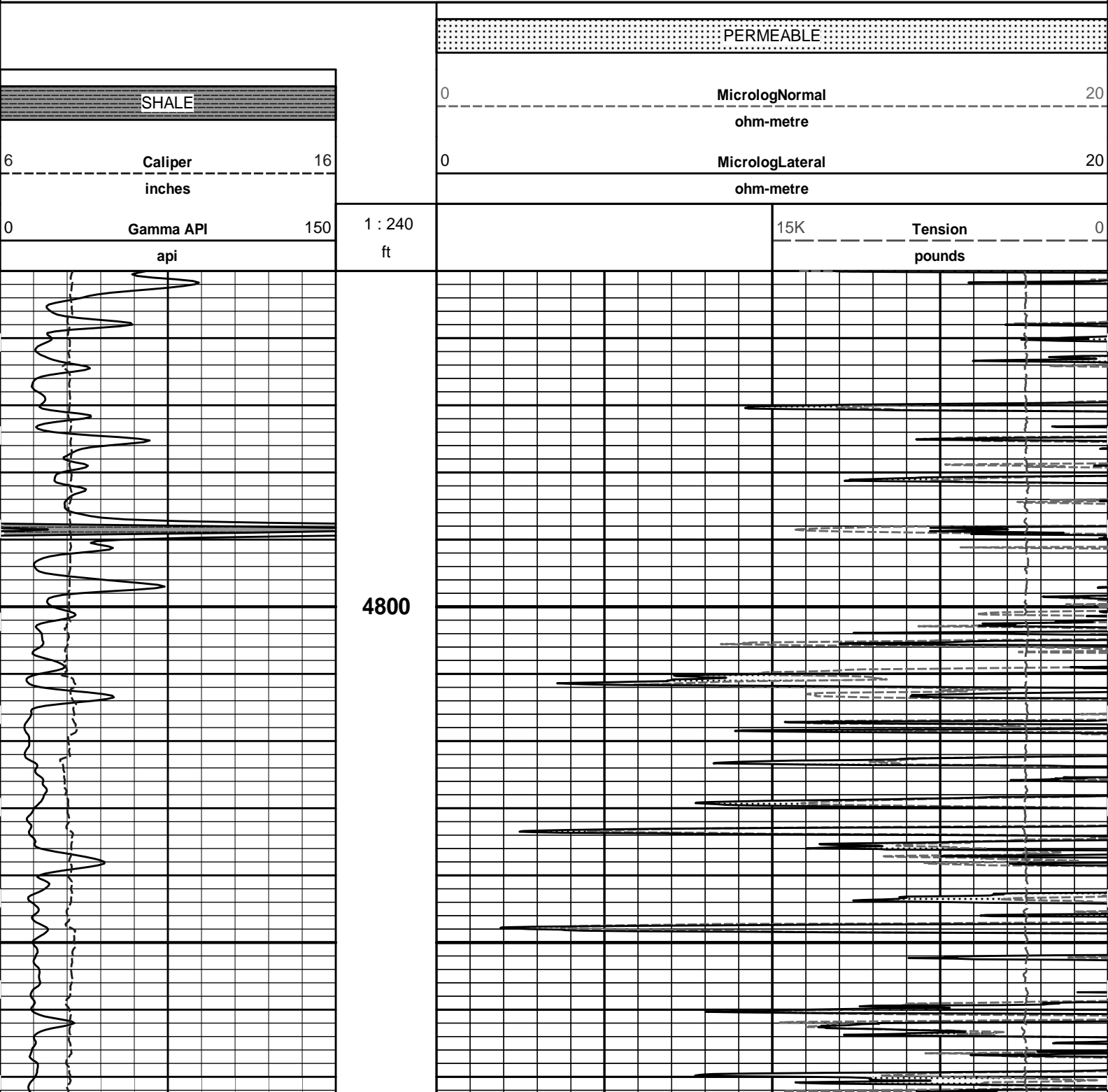
Plot Time: 04-Mar-11 08:22:48

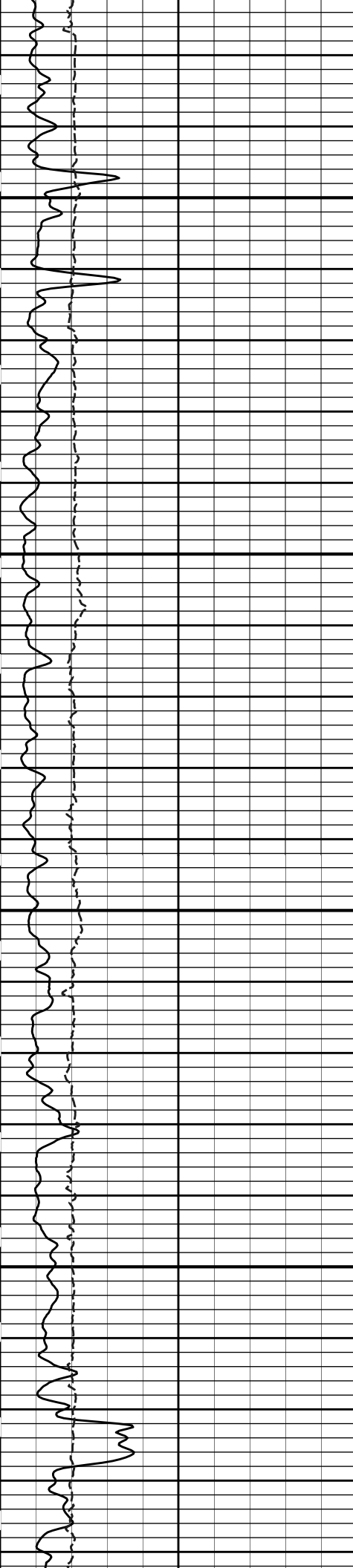
Plot Range: 4750 ft to 5254.25 ft

Data: WELLINGTON_1_28\Well Based\DAQ-0001-002\

Plot File: \\-LOCAL-WELLINGTON_1_28\Well Based\MICRO\Microlog_IQ_5_rep_lib

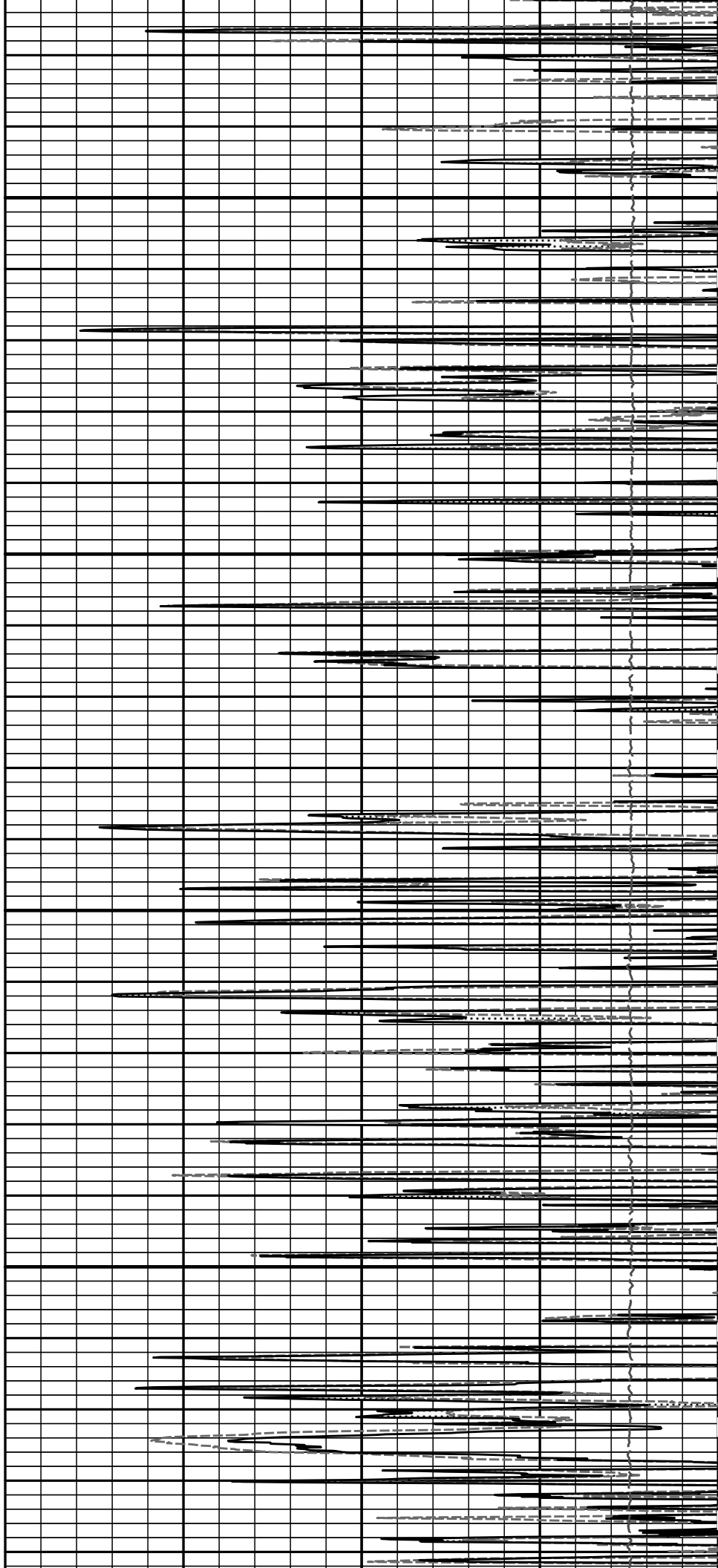
REPEAT SECTION

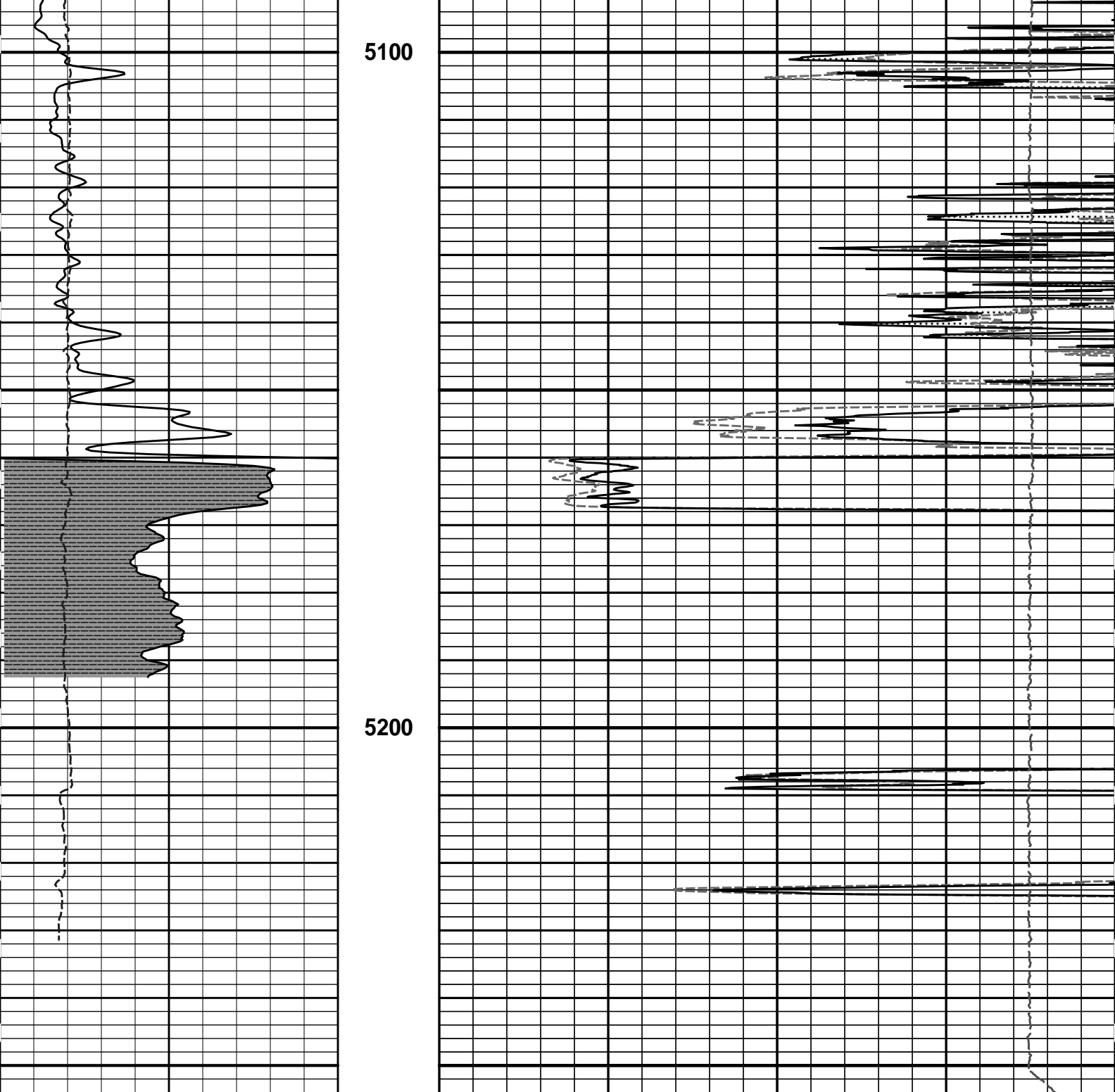




4900

5000





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

REPEAT SECTION

HALLIBURTON

TOOL STRING DIAGRAM REPORT

Description	Overbody Description	O.D.	Diagram	Sensors @ Delays	Length	Accumulated Length
CH_HOS-CH_696 37.50 lbs		Ø 2.750 in →		← Temperature @ 73.35 ft	3.03 ft	74.37 ft
XOHD-TRK696 20.00 lbs		Ø 2.750 in → Ø 3.625 in →		←	0.95 ft	71.35 ft
SP Sub-PROT01 60.00 lbs		Ø 3.625 in →		← SP @ 68.62 ft	3.74 ft	70.40 ft
						66.66 ft
GTET-11039640 165.00 lbs		Ø 3.625 in →		← GammaRay @ 60.59 ft	8.52 ft	58.14 ft
						49.97 ft
CSNG-10727964 114.00 lbs		Ø 3.625 in →		← CSNG @ 52.51 ft	8.17 ft	41.80 ft
		Ø 3.625 in →				32.14 ft
GEMT-1921_S893 300.00 lbs		Ø 4.900 in →		← BGO Crystal @ 42.49 ft	9.64 ft	22.50 ft
						12.86 ft
DSN Decentralizer-10755066 6.60 lbs		Ø 3.625 in* →		← DSN Far @ 33.39 ft	9.69 ft	30.64 ft
DSNT-11019643 174.00 lbs		Ø 3.625 in →		← DSN Near @ 32.64 ft		

SDLT-I43_P81
360.00 lbs

Ø 4.500 in →

Ø 4.750 in →

10.81 ft

SDL Microlog @ 22.83 ft
SDL Caliper @ 22.65 ft
SDL @ 22.64 ft

19.83 ft

ACRt-I962_S909
250.00 lbs

Ø 3.625 in →

← Mud Resistivity @ 13.44 ft

← ACRt @ 9.46 ft

19.25 ft

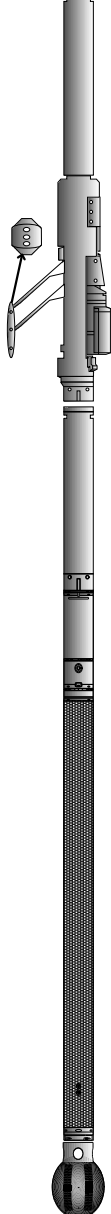
Cabbage Head-
TRK696
10.00 lbs

Ø 3.625 in →
Ø 6.000 in →

0.58 ft

0.58 ft

0.00 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	CH_696	37.50	3.03	71.35	300.00
XOHD	Hostile to Dits Cross Over	TRK696	20.00	0.95	70.40	300.00
SP	SP Sub	PROT01	60.00	3.74	66.66	300.00
GTET	Gamma Telemetry Tool	11039640	165.00	8.52	58.14	60.00
CSNG	Compensated Spectral Natural Gamma	10727964	114.00	8.17	49.97	15.00
GEMT	Gamma, Elements and Minerals Tool	I921_S893	300.00	9.64	40.33	15.00
DSNT	Dual Spaced Neutron	11019643	174.00	9.69	30.64	60.00
DCNT	DSN Decentralizer	10755066	6.60	5.13	33.97	300.00
SDLT	Spectral Density Tool	I43_P81	360.00	10.81	19.83	60.00
ACRt	Array Compensated True Resistivity	I962_S909	250.00	19.25	0.58	300.00
CBHD	Cabbage Head	TRK696	10.00	0.58	0.00	300.00
Total			1,497.10	74.37		

* Not included in Total Length and Length Accumulation.

Data: WELLINGTON_1_28\0001 SP-GTET-CSNG-GEM-DSN-SDL-ACRT-CHNDLE Date: 04-Mar-11 02:17:13

HALLIBURTON

CALIBRATION REPORT

MICRO LOG SHOP CALIBRATION

Tool Name: SDLT - I43_P81

Reference Calibration Date: 15-Feb-11 06:22:41

Engineer: J. BOSH

Calibration Date: 02-Mar-11 04:42:56

Software Version: WL INSITE R3.2.0 (Build 7)

Calibration Version: 1

CALIBRATION COEFFICIENT SUMMARY

Measurement	Micro Log Normal		Micro Log Lateral		Units
	Measured	Calibrated	Measured	Calibrated	
Tool Zero	-0.07	-0.06	-0.07	-0.12	ohmm
Calibration Point #1	-0.02	0.00	0.05	0.00	ohmm
Calibration Point #2	20.00	20.00	20.09	20.00	ohmm
Internal Reference	19.94	19.94	19.85	19.76	ohmm

Measurement	Micro Log Normal	Micro Log Lateral	Units
	Tool Value	Tool Value	
Tool Zero	-0.40	0.36	V
Calibration Point #1	15.07	41.80	V
Calibration Point #2	5339.26	6958.27	V
Internal Reference	5324.48	6873.96	V

MICRO LOG FIELD CHECK

Tool Name: SDLT - I43_P81

Reference Calibration Date: 02-Mar-11 04:42:56

Engineer: J. BOSH

Calibration Date: 03-Mar-11 22:25:04

Software Version: WL INSITE R3.2.0 (Build 7)

Calibration Version: 1

Measurement	Micro Log Normal		Micro Log Lateral		Units
	Shop	Field	Shop	Field	
Tool Zero	-0.06	-0.04	-0.12	-0.11	ohmm
Internal Reference	19.94	19.96	19.76	19.78	ohmm

Signal	Summary			
	Shop	Field	Difference	Tolerance
Microlog Normal	19.94	19.96	-0.02	+/- 0.80
Microlog Lateral	19.76	19.78	-0.02	+/- 0.80

CALIBRATION SUMMARY

Sensor	Shop	Field	Post	Difference	Tolerance	Units
SDLT-I43_P81						
MicroLog Normal	19.94	19.96	-----	-0.02	+/-0.80	ohmm
MicroLog Lateral	19.76	19.78	-----	-0.02	+/-0.80	ohmm

Data: WELLINGTON_1_28\0001 SP-GTET-CSNG-GEM-DSN-SDL-ACRT-CHVDLE

Date: 04-Mar-11 02:19:48

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	Barite	

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	1.260	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	ST	Surface Temperature	75.0	degF
SHARED	TD	Total Well Depth	5250.00	ft
SHARED	BHT	Bottom Hole Temperature	130.0	degF
SHARED	SVTM	Navigation and Survey Master Tool	NONE	
SHARED	AZTM	High Res Z Accelerometer Master Tool	GTET	
SHARED	TEMM	Temperature Master Tool	NONE	
SHARED	BHSM	Borehole Size Master Tool	NONE	
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	
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	
GEMT	GMOK	Compute GEMT Results?	Yes	
GEMT	FTAL	Fit Chemical Element Al	Yes	
GEMT	FTBA	Fit Chemical Element Ba	No	
GEMT	FITC	Fit Chemical Element C	Yes	
GEMT	FTCA	Fit Chemical Element Ca	Yes	
GEMT	FTCL	Fit Chemical Element Cl	Yes	
GEMT	FTFE	Fit Chemical Element Fe	Yes	
GEMT	FTGD	Fit Chemical Element Gd	Yes	
GEMT	FITH	Fit Chemical Element H	Yes	
GEMT	FTK	Fit Chemical Element K	Yes	
GEMT	FTMG	Fit Chemical Element Mg	Yes	
GEMT	FTMN	Fit Chemical Element Mn	Yes	
GEMT	FTNA	Fit Chemical Element Na	No	
GEMT	FITO	Fit Chemical Element O	Yes	
GEMT	FTS	Fit Chemical Element S	Yes	
GEMT	FTSI	Fit Chemical Element Si	Yes	
GEMT	FTTI	Fit Chemical Element Ti	Yes	
GEMT	KFIT	Potassium constraint flag (No = don't fit, Yes = fit)	Yes	
GEMT	UFDF	Use Fix Resolution Degradation Factor	No	
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	0.300	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	
ACRt	RTOK	Process ACRt?	Yes	
ACRt	MNSO	Minimum Tool Standoff	1.50	in
ACRt	TCS1	Temperature Correction Source	FP Lwr & FP Upr	
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

Data: WELLINGTON_1_28\0001 SP-GTET-CSNG-GEM-DSN-SDL-ACRT-CHIDL

Date: 04-Mar-11 02:20:28

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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	Downhole Tension	0.00	BLK	0.000
SP Sub				
PLTC	Plot Control Mask	68.62	NO	
SP	Spontaneous Potential	68.62	BLK	1.250
SPR	Raw Spontaneous Potential	68.62	NO	
SPO	Spontaneous Potential Offset	68.62	NO	
GTET				
TPUL	Tension Pull	60.59	NO	
GR	Natural Gamma Ray API	60.59	TRI	1.750
GRU	Unfiltered Natural Gamma Ray API	60.59	NO	
EGR	Natural Gamma Ray API with Enhanced Vertical Resolution	60.59	W	1.416 , 0.750
ACCZ	Accelerometer Z	0.00	BLK	0.083
DEVI	Inclination	0.00	NO	
CSNG				
TPUL	Tension Pull	52.51	NO	
STAT	Status	52.51	NO	
FRMC	Tool Frame Count	52.51	BLK	0.250
TFRM	Total Frames	52.51	NO	
LSPD	Line Speed	52.51	BLK	0.250
CTIM	Accumulation time for sample	52.51	BLK	0.250
NOIS	Spectral Noise	52.51	BLK	0.250
STAB	Stabilizer Voltage in mv	52.51	BLK	0.250
STBP	Stabilizer 60 KEV Peak	52.51	BLK	0.250
AMER	Americium	52.51	BLK	0.250
FTMP	Flask PCB Temperature	52.51	BLK	0.250
SPEL	Low Energy Spectrum	52.51	BLK	0.250
SPEH	High Energy Spectrum	52.51	BLK	0.250
SSP	Stabilization Energy Spectrum	52.51	BLK	0.250
CSPC	CSNG Lo Hi Spectrum Data	52.51	NO	

GEMT

TPUL	Tension Pull	42.49	NO	
FRMC	Tool Frame Count	42.49	NO	
TFRM	Total Frames	42.49	NO	
LSPD	Line Speed	42.49	NO	
ATIM	Accumulation time for sample	42.49	NO	
CTIM	Accumulation time for single frame	42.49	NO	
STAT	Status	42.49	NO	
PHMI	Photomultiplier Current	42.49	NO	
PHVT	Photomultiplier Voltage	42.49	NO	
FTMP	Flask PCB Temperature	42.49	NO	
GSP	GEMT Spectrum	42.49	NO	

DSNT

TPUL	Tension Pull	32.54	NO	
RNDS	Near Detector Telemetry Counts	32.64	BLK	1.417
RFDS	Far Detector Telemetry Counts	33.39	TRI	0.583
DNTT	DSN Tool Temperature	32.64	NO	
DSNS	DSN Tool Status	32.54	NO	
ERNR	Near Detector Telemetry Counts EVR	32.64	BLK	0.000
ERFD	Far Detector Telemetry Counts EVR	33.39	BLK	0.000
ENTM	DSN Tool Temperature EVR	32.64	NO	

SDLT

TPUL	Tension Pull	22.64	NO	
NAB	Near Above	22.46	BLK	0.920
NHI	Near Cesium High	22.46	BLK	0.920
NLO	Near Cesium Low	22.46	BLK	0.920
NVA	Near Valley	22.46	BLK	0.920
NBA	Near Barite	22.46	BLK	0.920
NDE	Near Density	22.46	BLK	0.920
NPK	Near Peak	22.46	BLK	0.920
NLI	Near Lithology	22.46	BLK	0.920
NBAU	Near Barite Unfiltered	22.46	BLK	0.250
NLIU	Near Lithology Unfiltered	22.46	BLK	0.250
FAB	Far Above	22.81	BLK	0.250
FHI	Far Cesium High	22.81	BLK	0.250
FLO	Far Cesium Low	22.81	BLK	0.250
FVA	Far Valley	22.81	BLK	0.250
FBA	Far Barite	22.81	BLK	0.250
FDE	Far Density	22.81	BLK	0.250
FPK	Far Peak	22.81	BLK	0.250
FLI	Far Lithology	22.81	BLK	0.250
PTMP	Pad Temperature	22.65	BLK	0.920
NHV	Near Detector High Voltage	19.83	NO	
FHV	Far Detector High Voltage	19.83	NO	
ITMP	Instrument Temperature	19.83	NO	
DDHV	Detector High Voltage	19.83	NO	
TPUL	Tension Pull	22.65	NO	
PCAL	Pad Caliper	22.65	TRI	0.250
ACAL	Arm Caliper	22.65	TRI	0.250
TPUL	Tension Pull	22.83	NO	
MINV	Microlog Lateral	22.83	BLK	0.750
MNOR	Microlog Normal	22.83	BLK	0.750

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
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	

COMPANY	BEREXCO INC.		
WELL	WELLINGTON KGS #1-28		
FIELD	WELLINGTON		
COUNTY	SUMNER	STATE	KANSAS

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