

ANNULAR HOLE VOLUME

COMPANY		VAL ENERGY	
WELL		CHRISTINA 1-2	
FIELD/BLOCK		WILDCAT	
COUNTY		CROWLEY	
STATE		COLORADO	
Sect. 2	Twp. 20S	Rge. 56W	
API No. 05-025-06021-00-00			Other Services: DSNT/SDLT MICROLOG BSAT ACRT MRIL
Location (SHL) 1550' FNL & 1010' FEEL SE-NE			

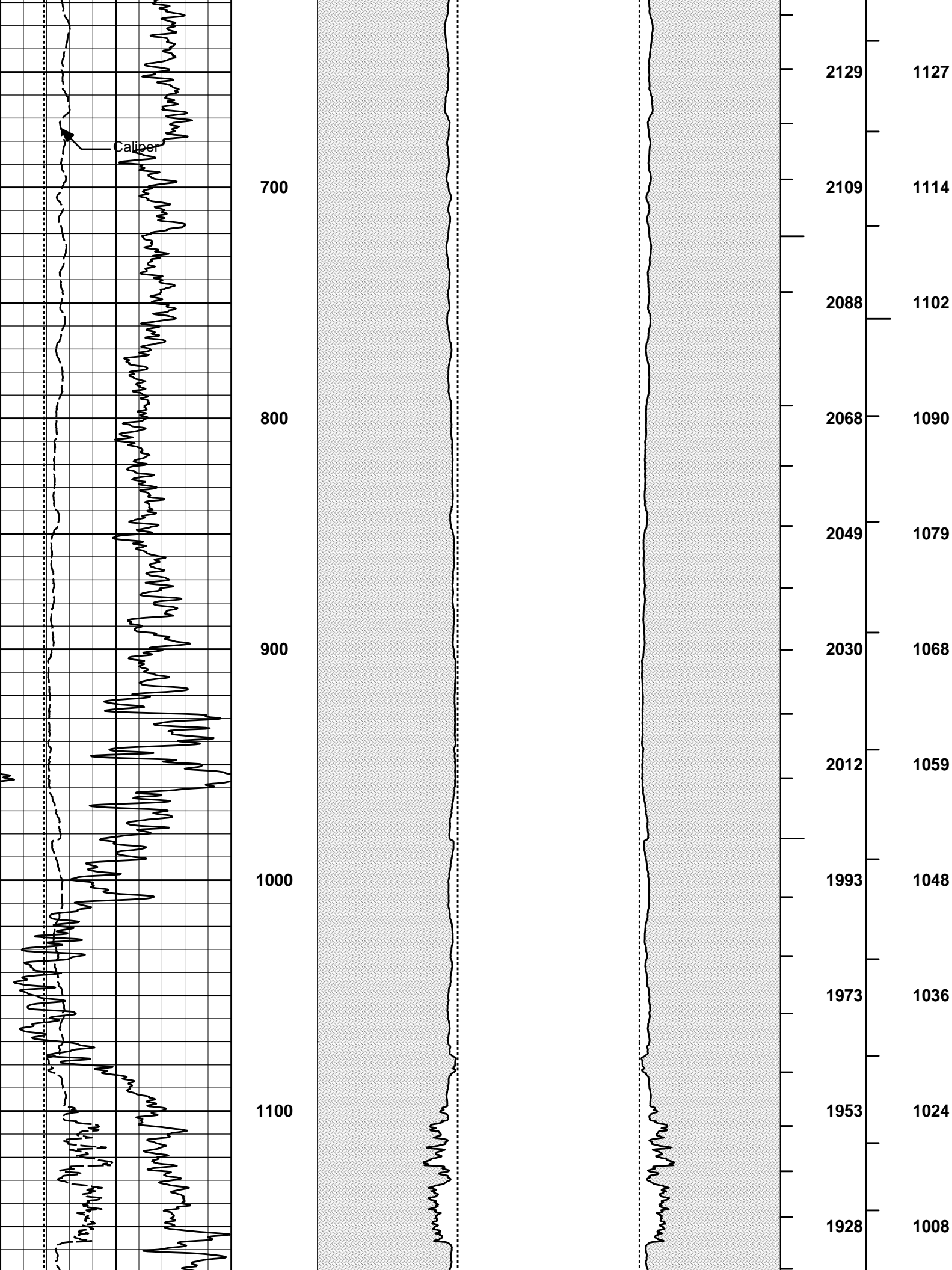
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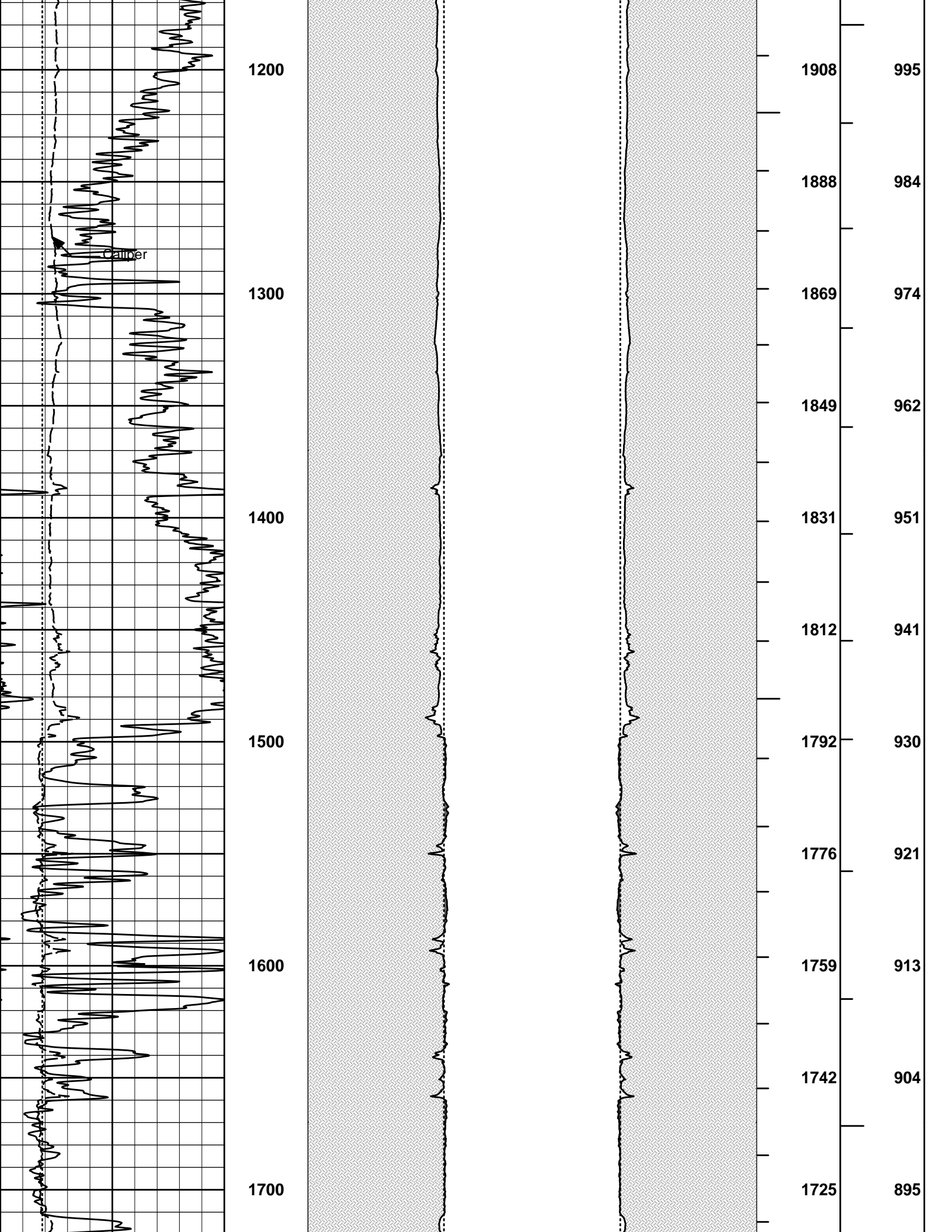
Service Ticket No.: 901842046				API Serial No.: 05-025-06021-00-00				PGM Version: WL INSITE R4.4.3 (Build 6)			
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE						RESISTIVITY SCALE CHANGES					
Date	Sample No.					Type Log	Depth	Scale Up Hole		Scale Down Hole	
Depth-Driller											
Type Fluid in Hole											
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.		@		@			10929776				
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.	10748374	Serial No.	10747684	Serial No.	10673803	Serial No.	10735145				
Model No.	GTET	Model No.	BSAT	Model No.	SDLT	Model No.	DSNT				
Diameter	3.625"	No. of Cent.	2	Diameter	5.3"	Diameter	3.625"				
Detector Model No.	T-102	Spacing	0.5'	Log Type	GAM-GAM	Log Type	NEU-NEU				
Type	T-102			Source Type	CS-137	Source Type	AM241BE				
Length	8"	LSA [Y/N]		Serial No.	5073GW	Serial No.	DSN-436				
Distance to Source	N/A	FWDA [Y/N]		Strength	1.5 CI	Strength	15.0 CI				

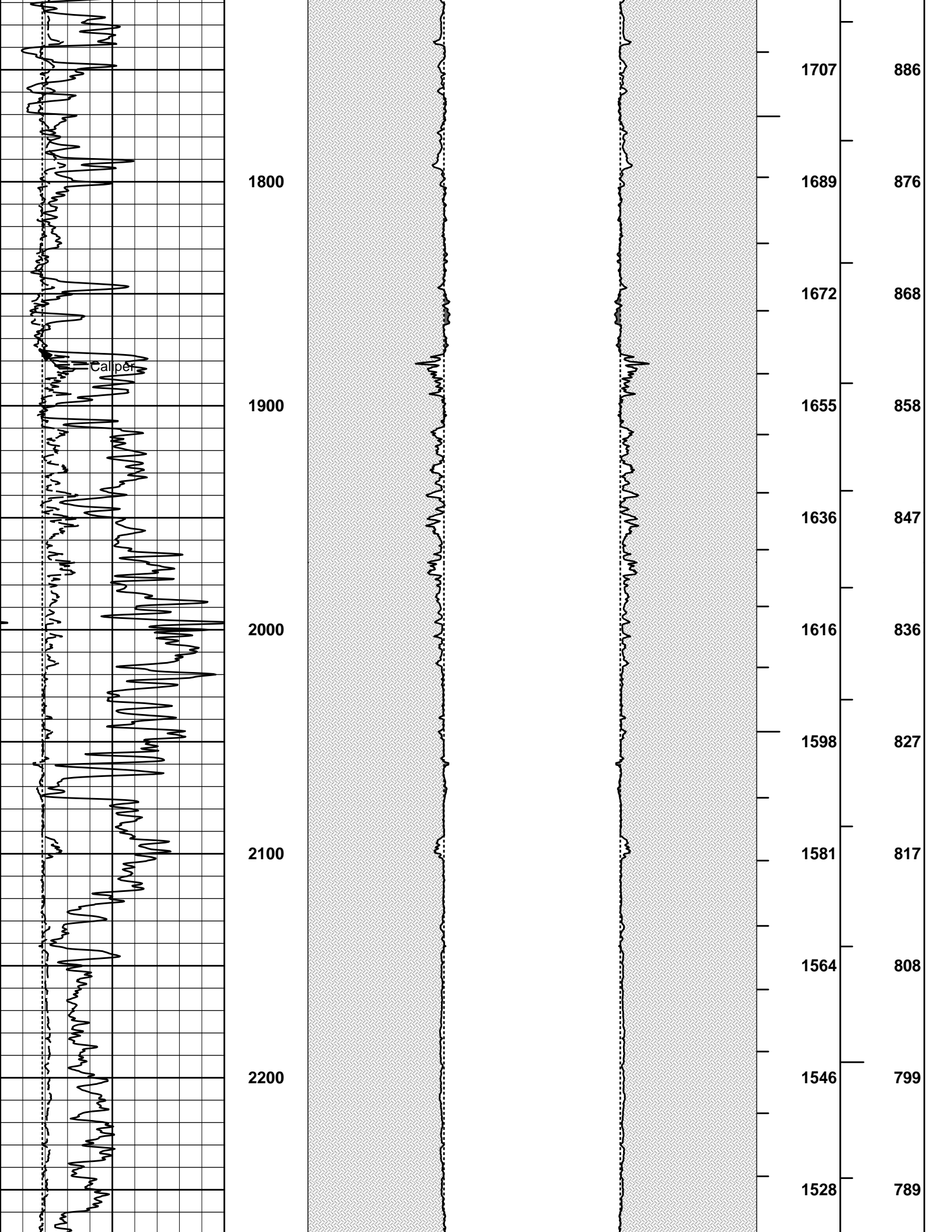
LOGGING DATA

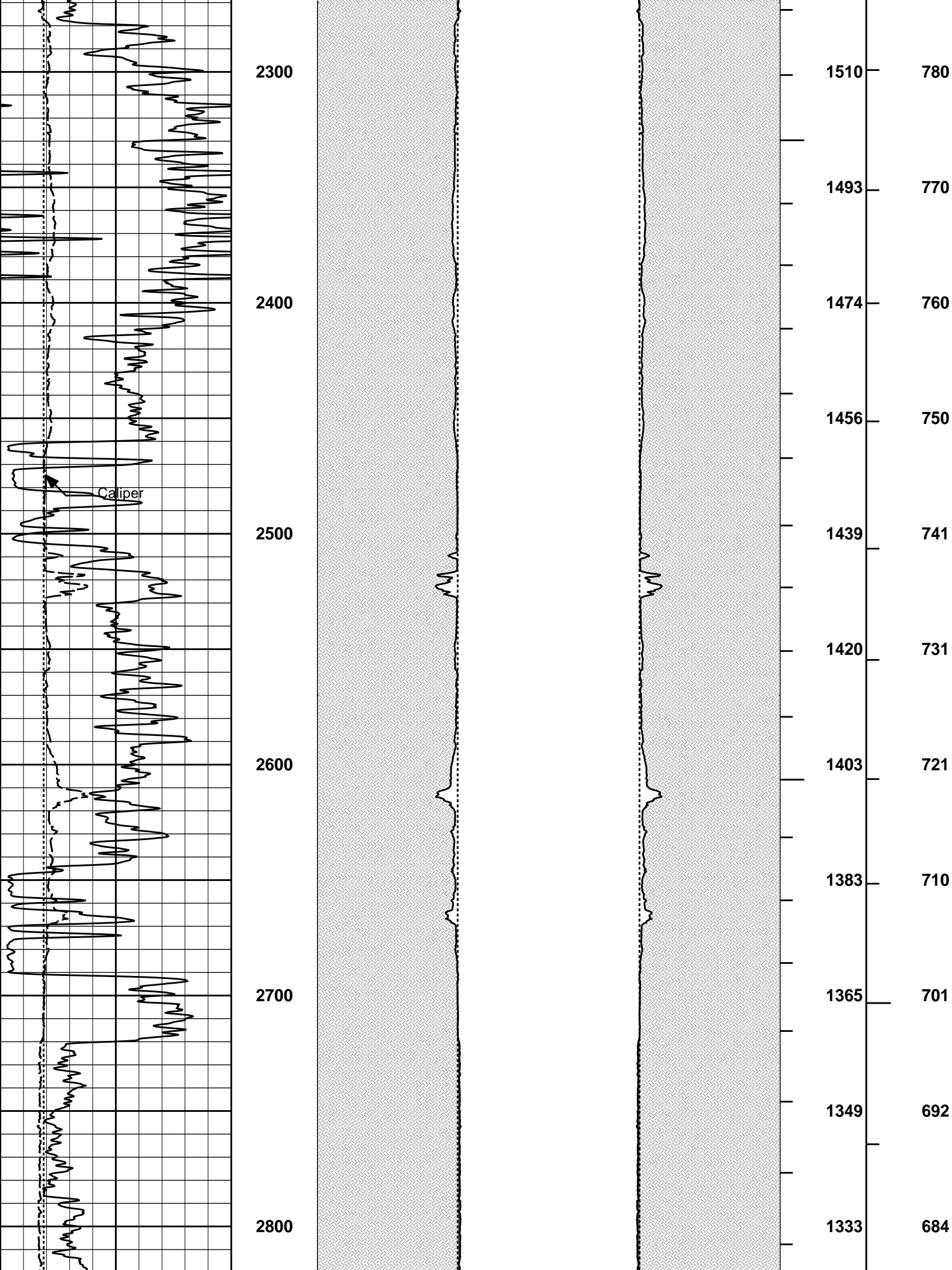
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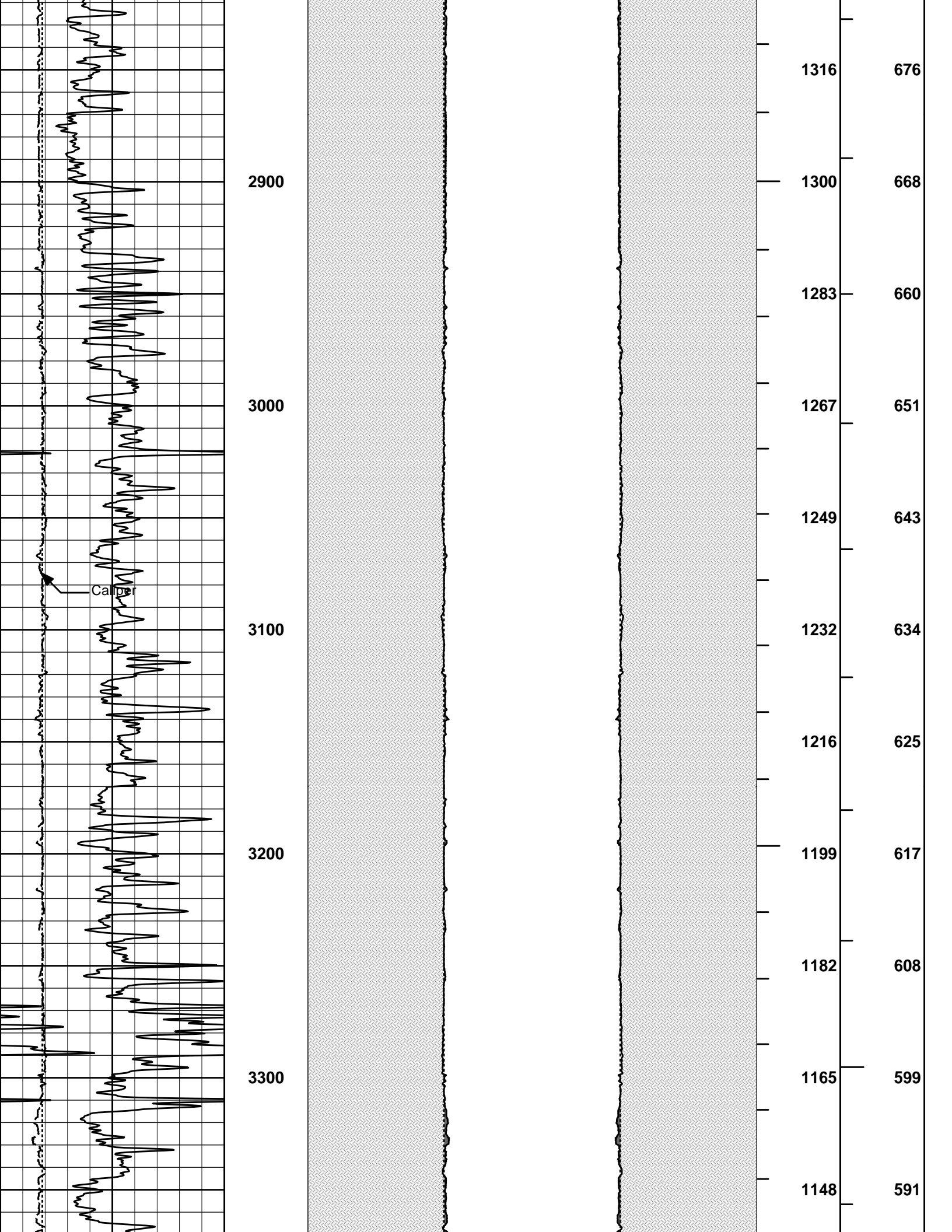
0		Gamma API	150			MUDCAKE		MUDCAKE			
api											
6	Bit Size	16		20	Bit Size	0	0	Bit Size	20		
inches											
6	Caliper	16	MD	20	Caliper	0	0	Caliper	20	BHVT	AHVT
inches		1 : 600 ft									
				500						2192	1165
										2170	1150
				600						2150	1139

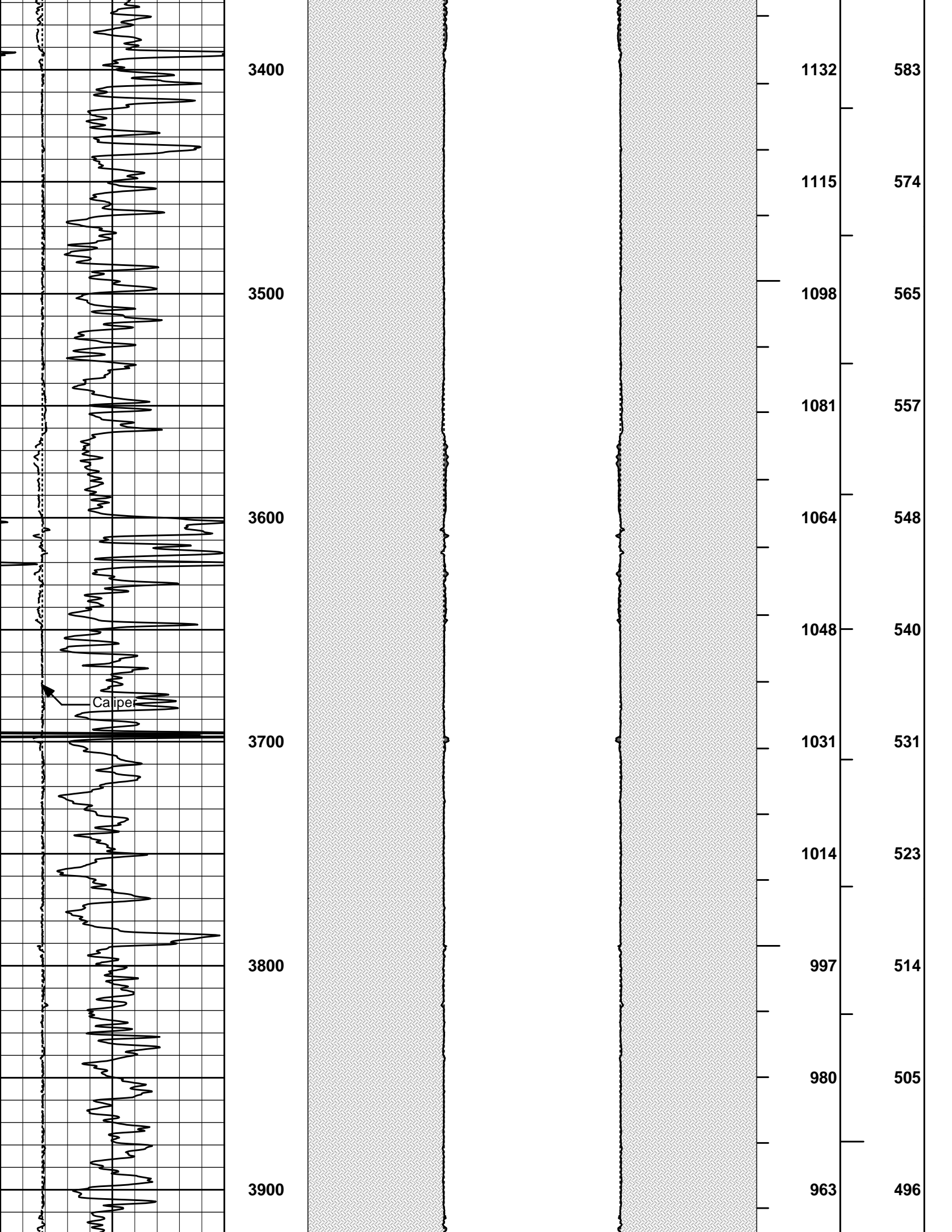


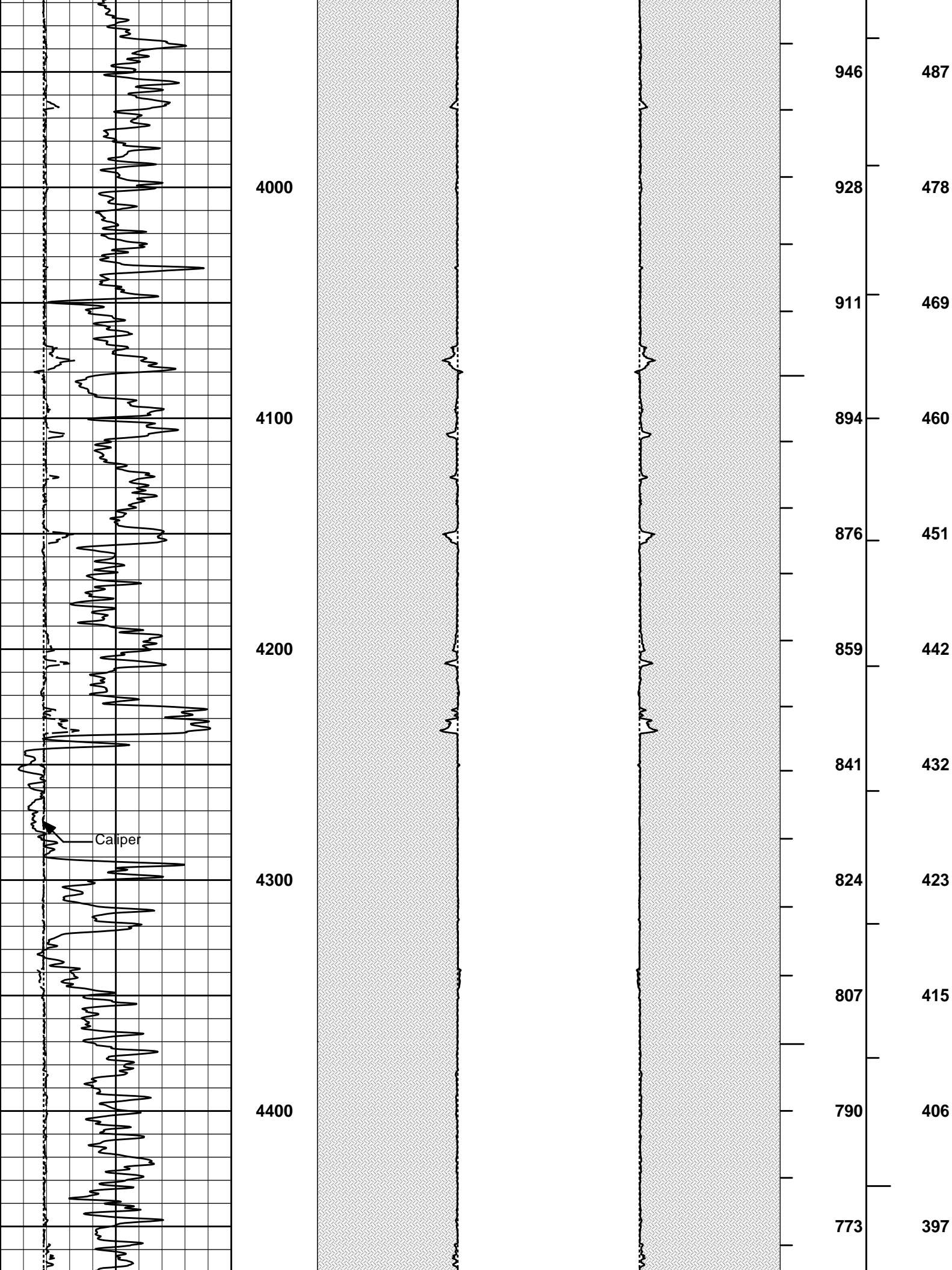


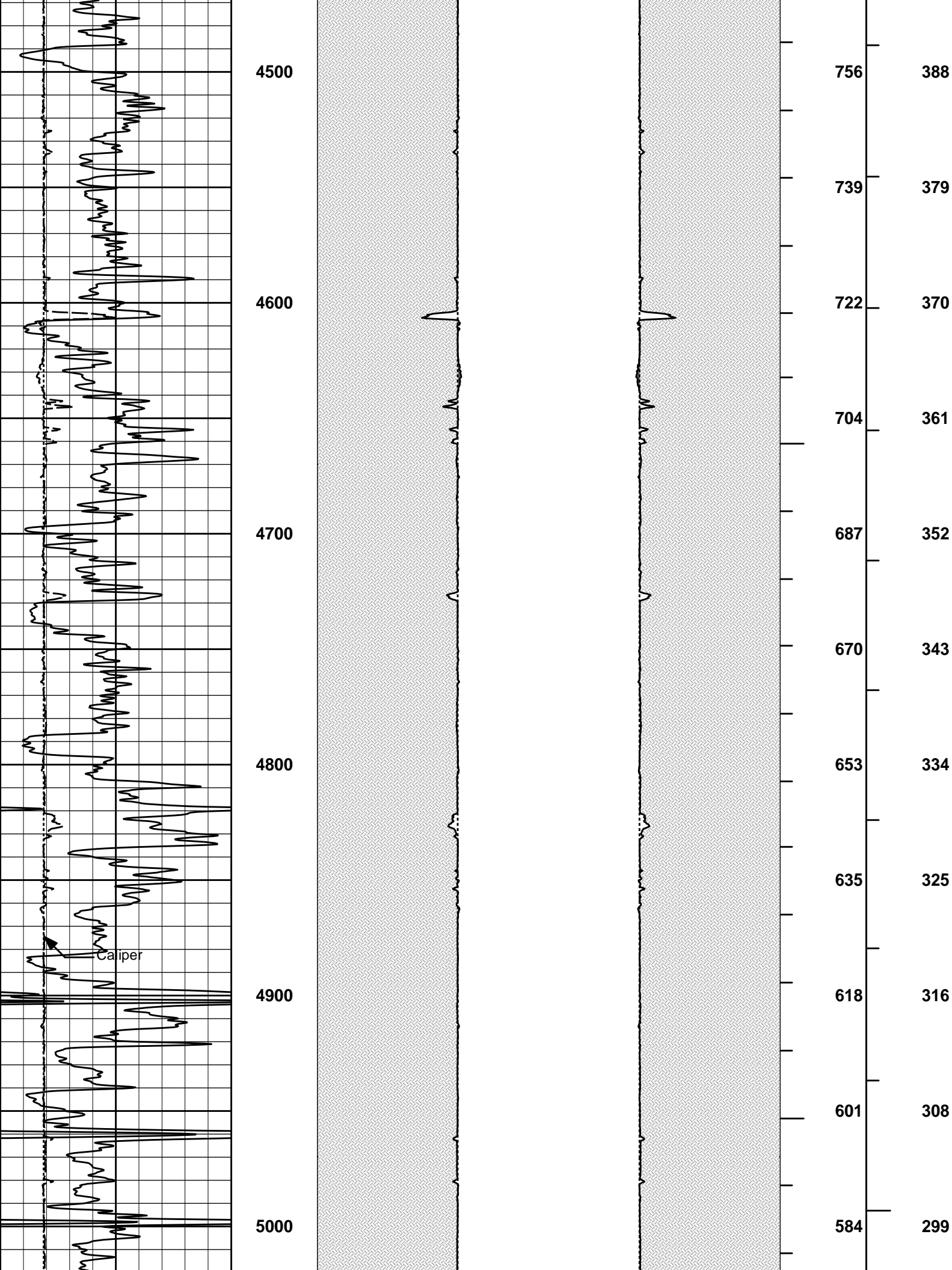


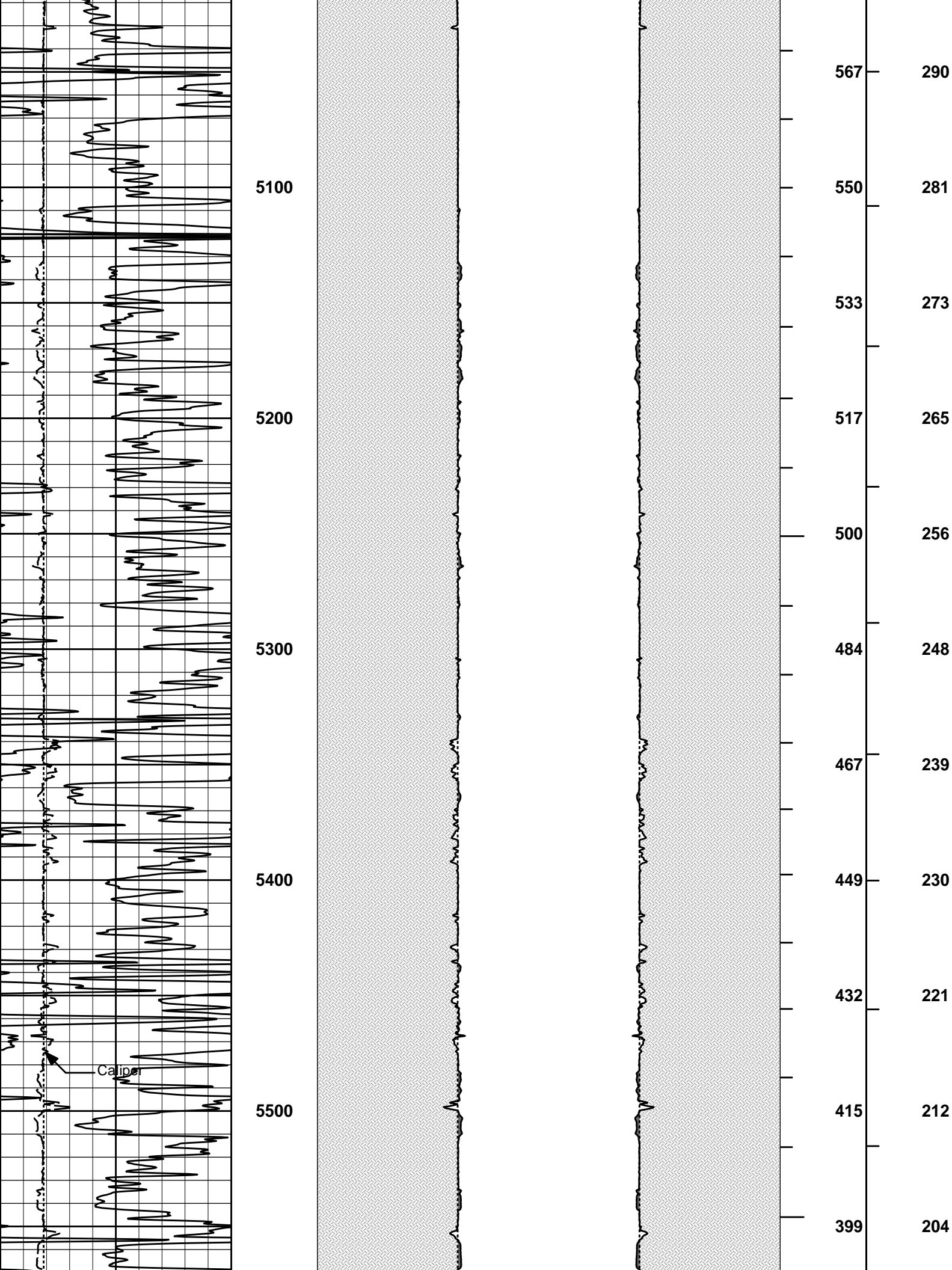


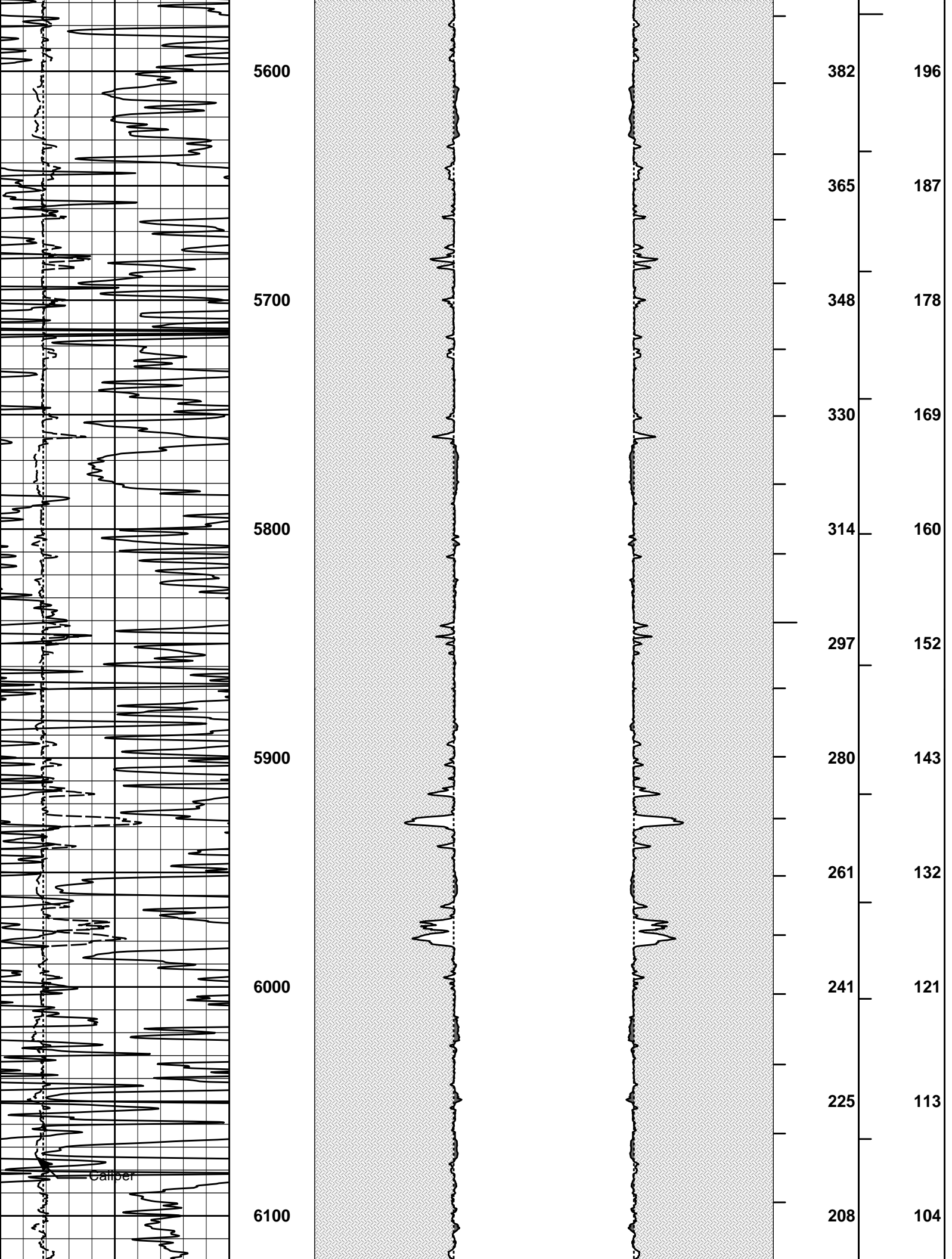


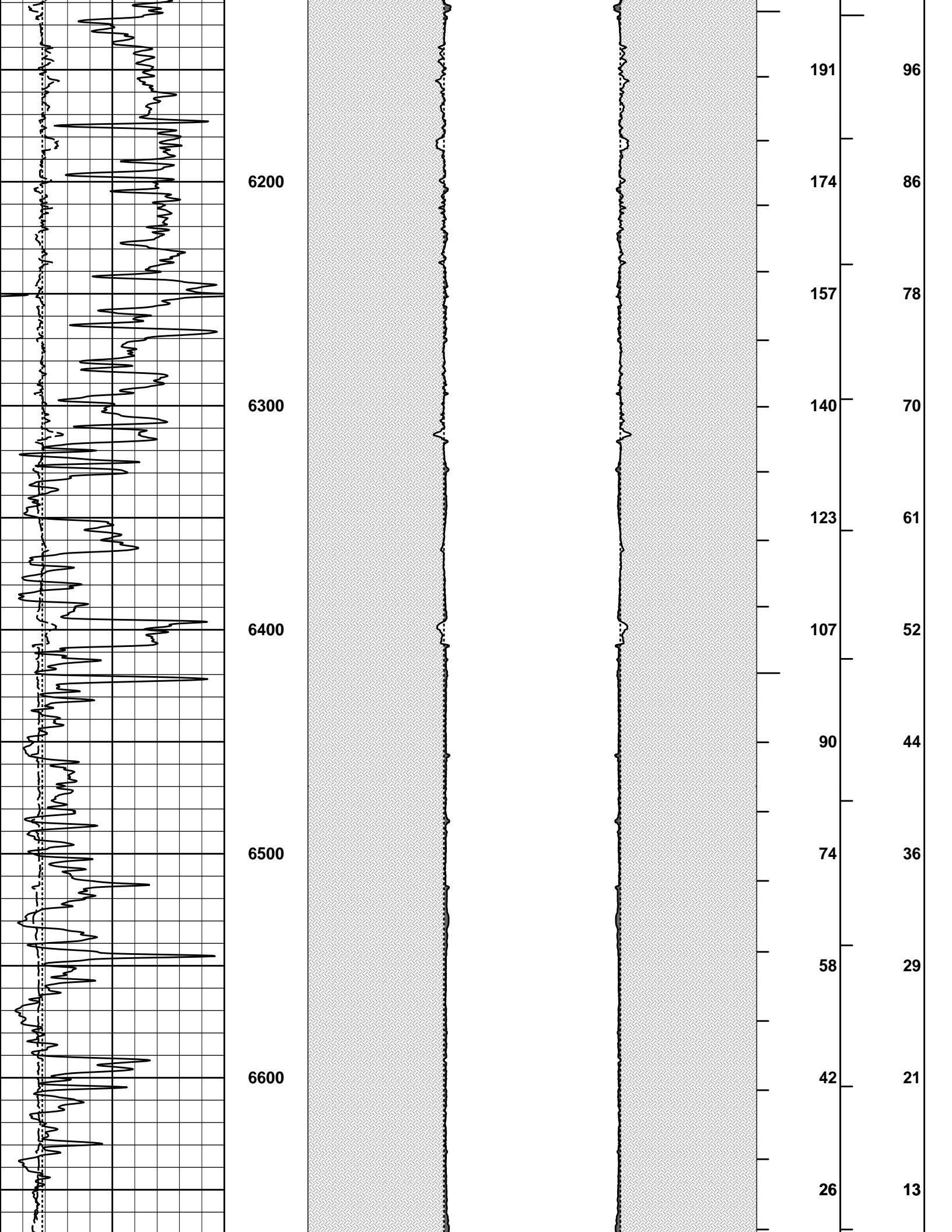


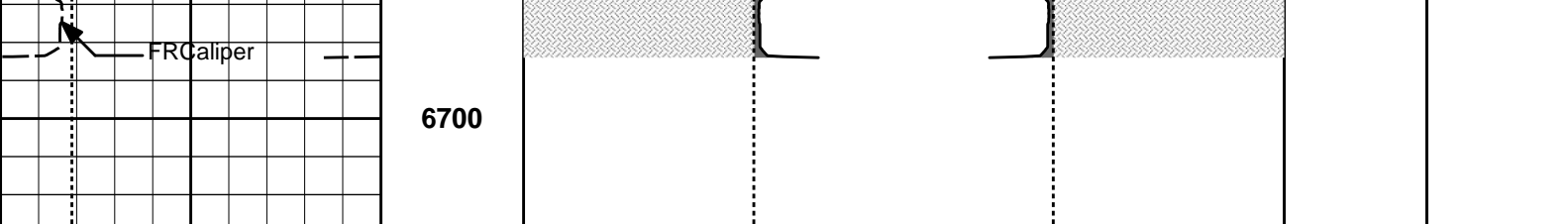












6	Caliper	16	MD 1 : 600 ft	20	Caliper	0	0	Caliper	20	BHVT	AHVT
	inches				inches			inches			
6	Bit Size	16		20	Bit Size	0	0	Bit Size	20		
	inches										
0	Gamma API	150			MUDCAKE			MUDCAKE			
	api										

HALLIBURTON

Plot Time: 30-Nov-14 16:27:49

Plot Range: 470 ft to 6728.25 ft

Data: CHRISTINA_1-2\Well Based\MAIN\

Plot File: \\-LOCAL-CHRISTINA_1-2\Well Based\AHV\AHV_2_IQ_LIB

ANNULAR HOLE VOLUME PLOT

COMPANY	VAL ENERGY				
WELL	CHRISTINA 1-2				
FIELD	WILDCAT				
COUNTY	CROWLEY	STATE	COLORADO		
HALLIBURTON			ANNULAR HOLE VOLUME		