



**Weatherford**<sup>®</sup>

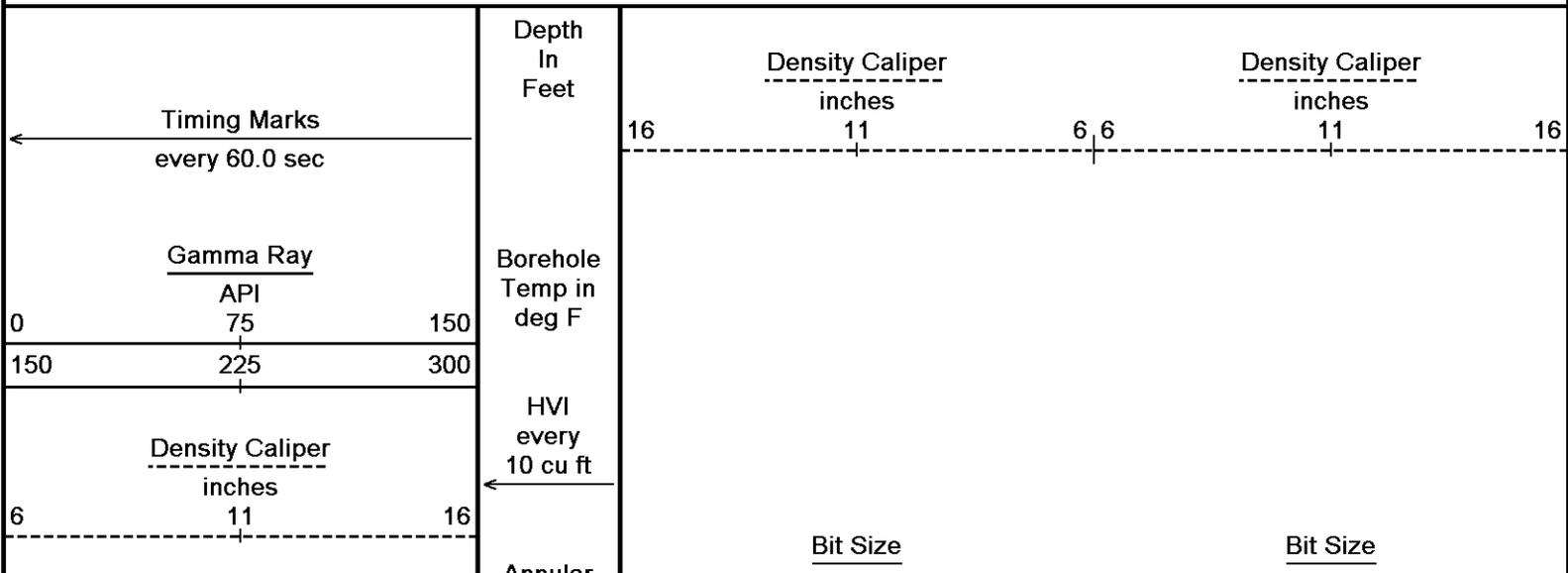
**CALIPER LOG**

COMPANY **MCCOY PETROLEUM CORPORATION**  
 WELL **HILL 'A' #2-23**  
 FIELD **ALFORD**  
 PROVINCE/COUNTY **KIOWA**  
 COUNTRY/STATE **U.S.A. / KANSAS**  
 LOCATION **990' FSL & 1980' FWL**  
**SW/4**

SEC	TWP	RGE	Other Services
23	30S	19W	
API Number		15-097-21735	
Permit Number			
Permanent Datum GL, Elevation 2237 feet			
Log Measured From		KB	
Drilling Measured From		KB	
Date	15-MAR-2013		Elevations: KB 2248.00 DF 2247.00 GL 2237.00
Run Number	ONE		
Service Order	3539875		
Depth Driller	5240.00 feet		
Depth Logger	5241.00 feet		
First Reading	5238.00 feet		
Last Reading	626.00 feet		
Casing Driller	625.00 feet		
Casing Logger	626.00 inches		
Bit Size	7.875		
Hole Fluid Type	CHEMICAL		
Density / Viscosity	9.40 lb/USg	50.00 CP	
PH / Fluid Loss	9.00	9.00	
Sample Source	FLOWLINE		
Rm @ Measured Temp	0.46 @ 81.0	ohm-m	
Rmf @ Measured Temp	0.37 @ 81.0	ohm-m	
Rmc @ Measured Temp	0.55 @ 81.0	ohm-m	
Source Rmf / Rmc	CALC	CALC	
Rm @ BHT	0.36 @108.0	ohm-m	
Time Since Circulation	5 HOURS		
Max Recorded Temp	108.00	deg F	
Equipment / Base	13057	LIB	
Recorded By	ADAM SILL		
Witnessed By	EVAN STONE		
JOB #	LB13-069		

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions in our price schedule.

Depth Based Data - Maximum Sampling Increment 10.0cm  
 Plotted on 15-MAR-2013 06:53  
 Filename: C:\Minimus 13.04.8492\Data\McCoy Hill 'A' #2-23\McCoy Hill 'A' #2-23\_002.dta  
 Recorded on 15-MAR-2013 04:19  
 System Versions: Logged with 13.04.8492 Plotted with 13.04.8492



Bit Size  
inches  
6 11 16

DST Uphole Tension  
pounds  
5000 0

Annular  
Integral  
every  
10 cu ft

Replay  
Scale  
1:240

614

Casing  
Shoe

650

1400

79°

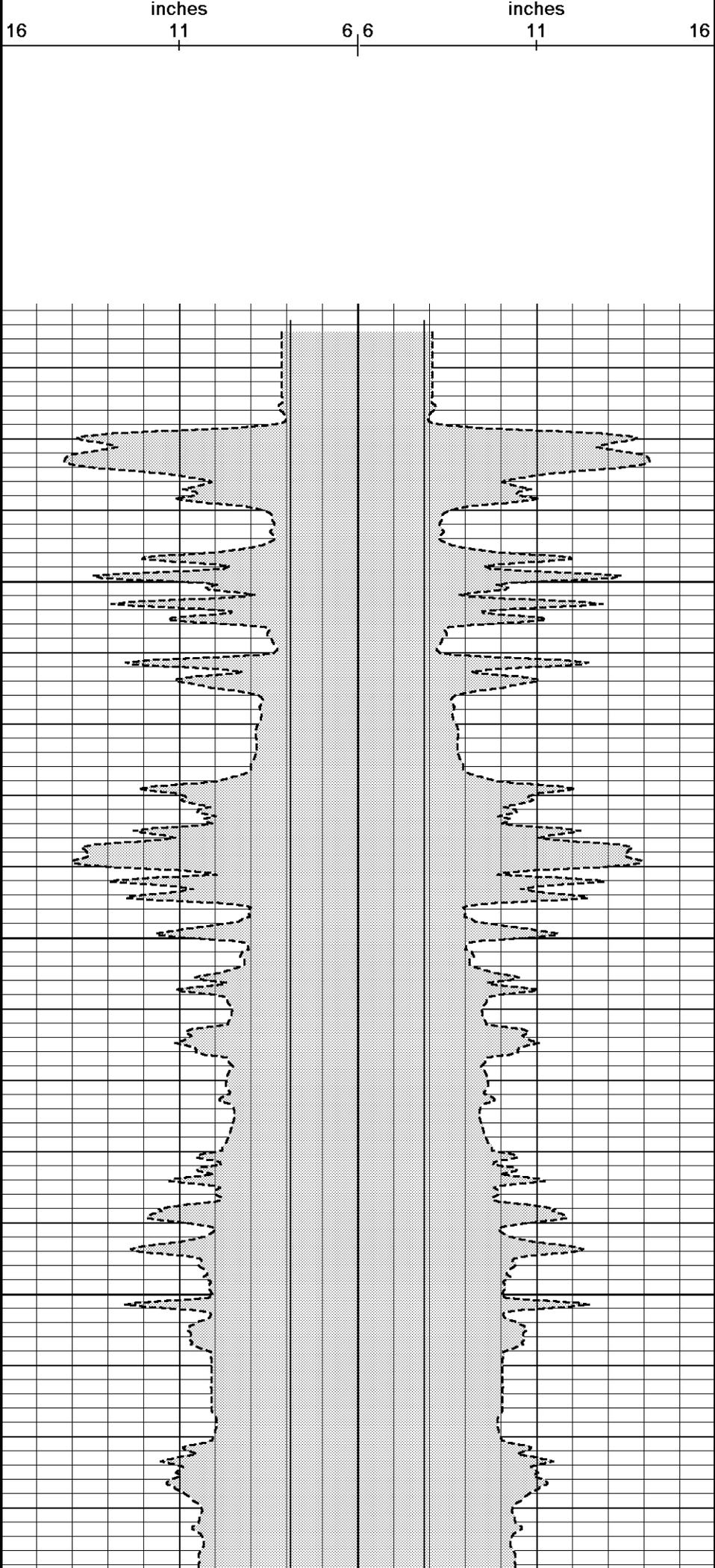
700

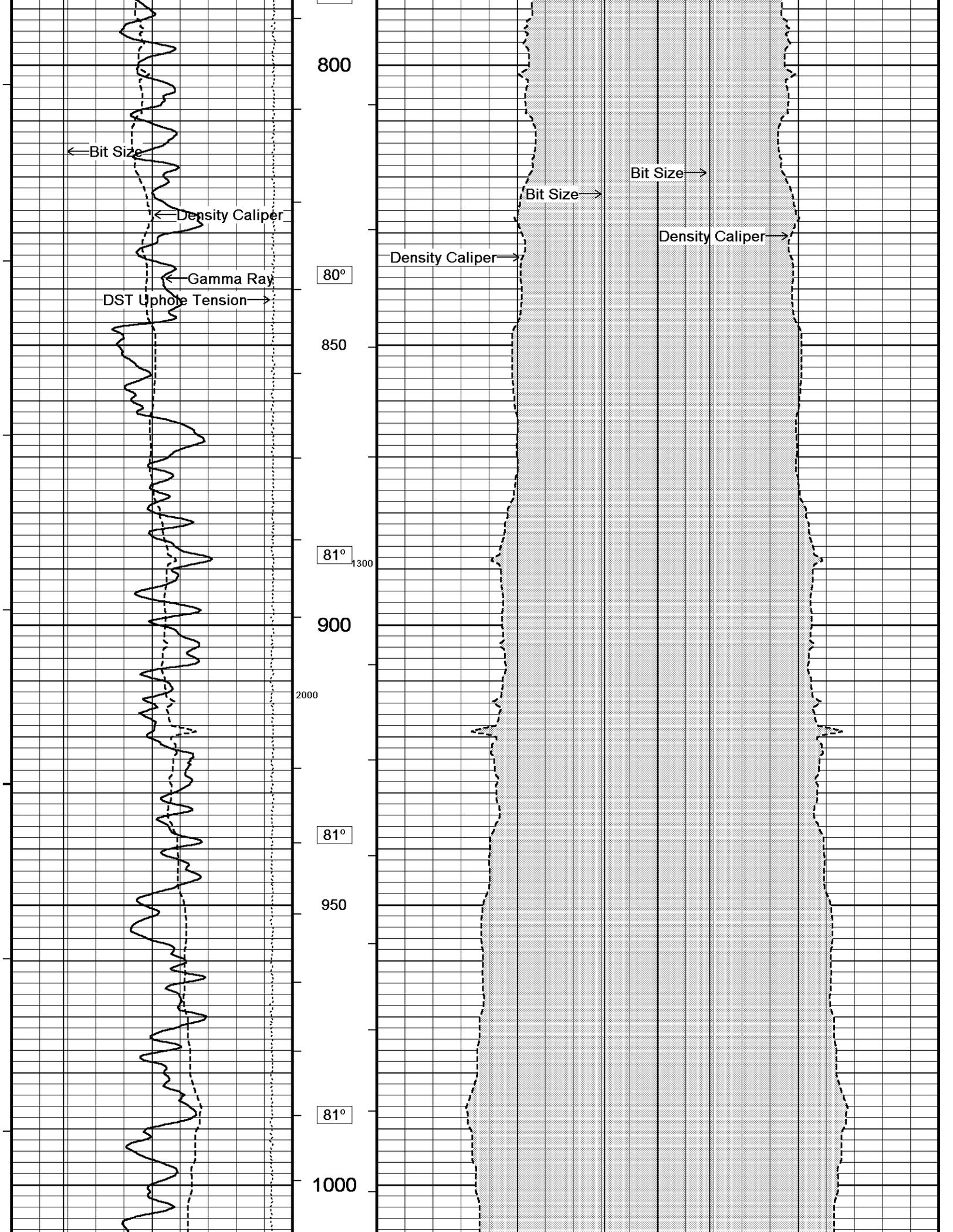
79°

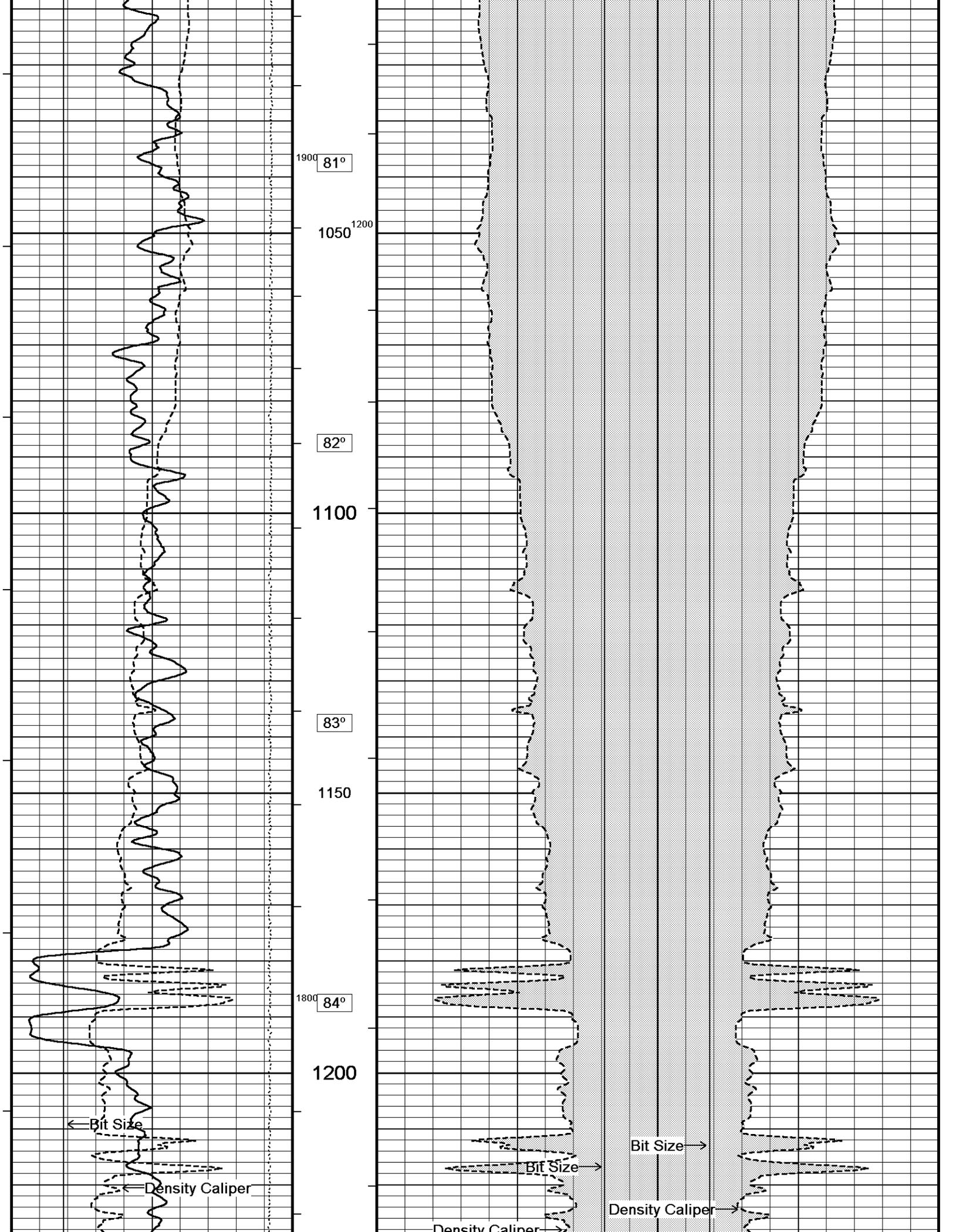
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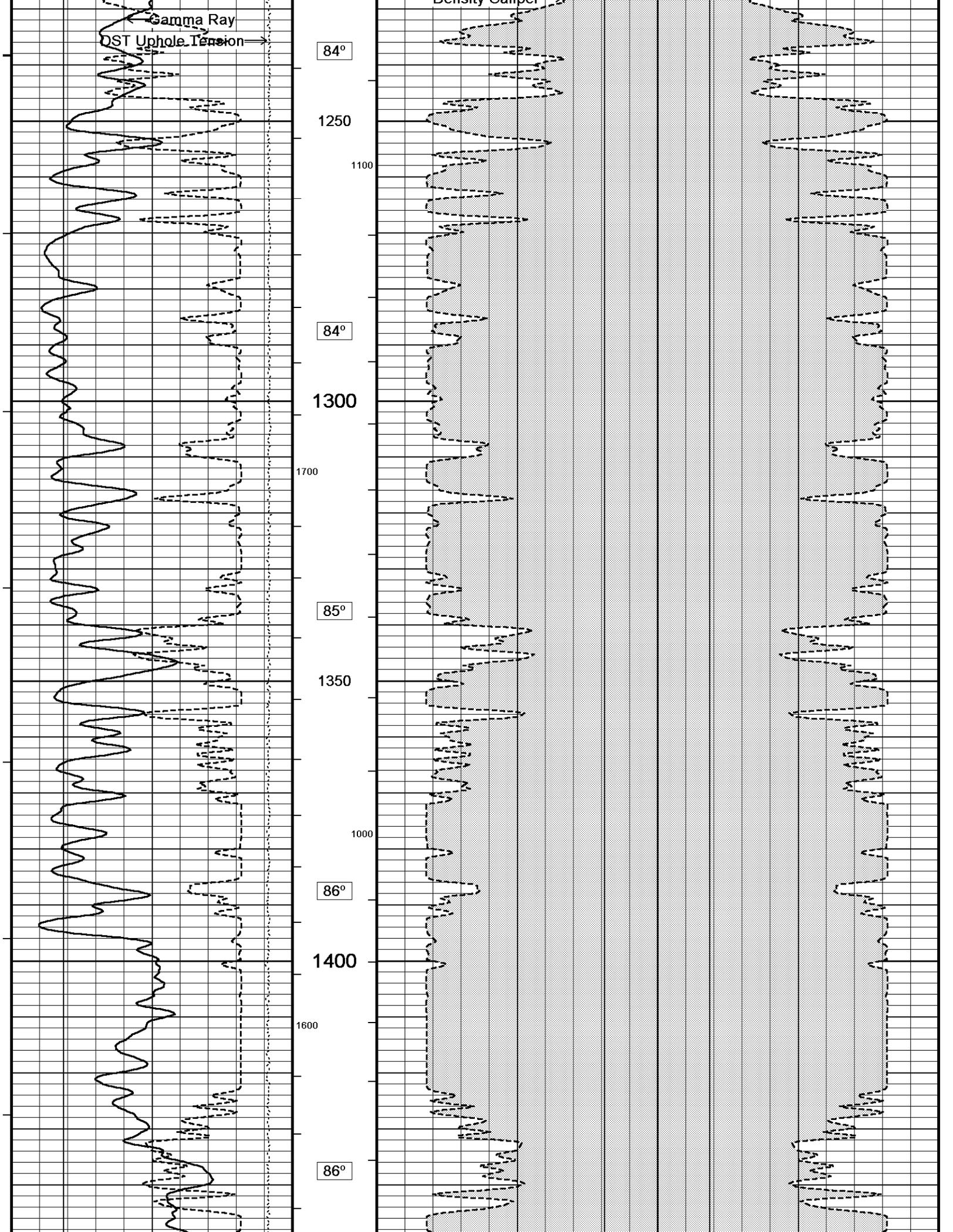
2100

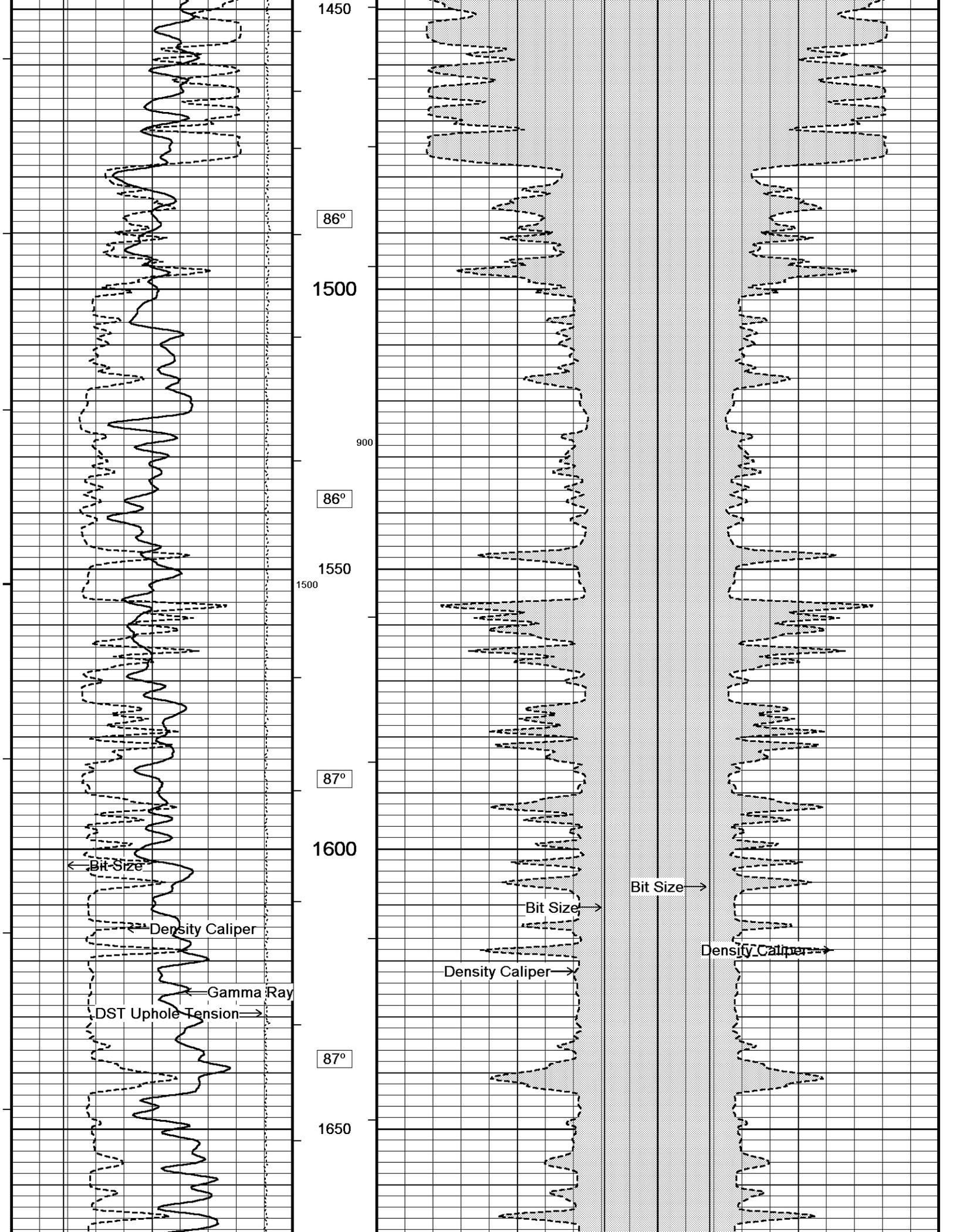
80°

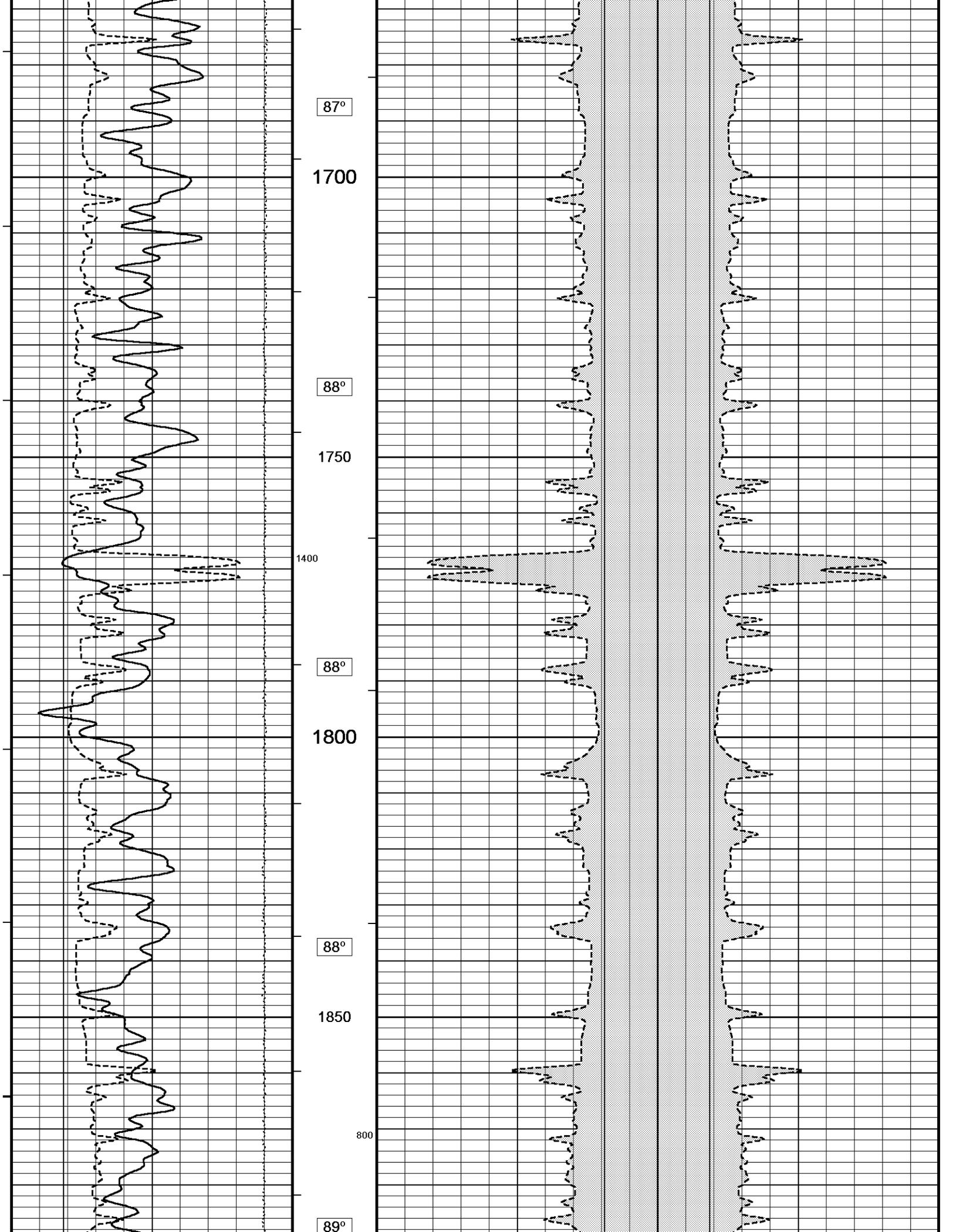


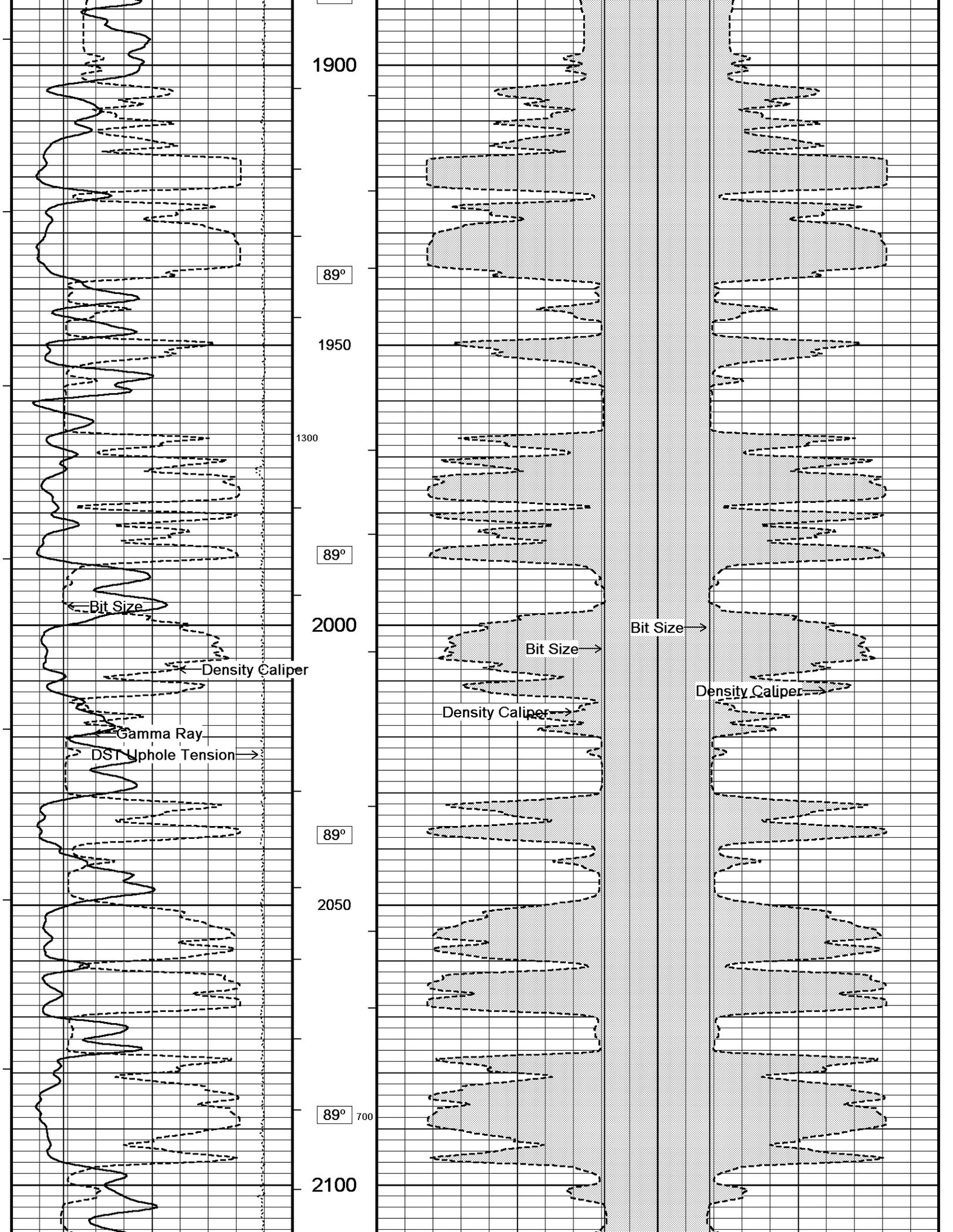


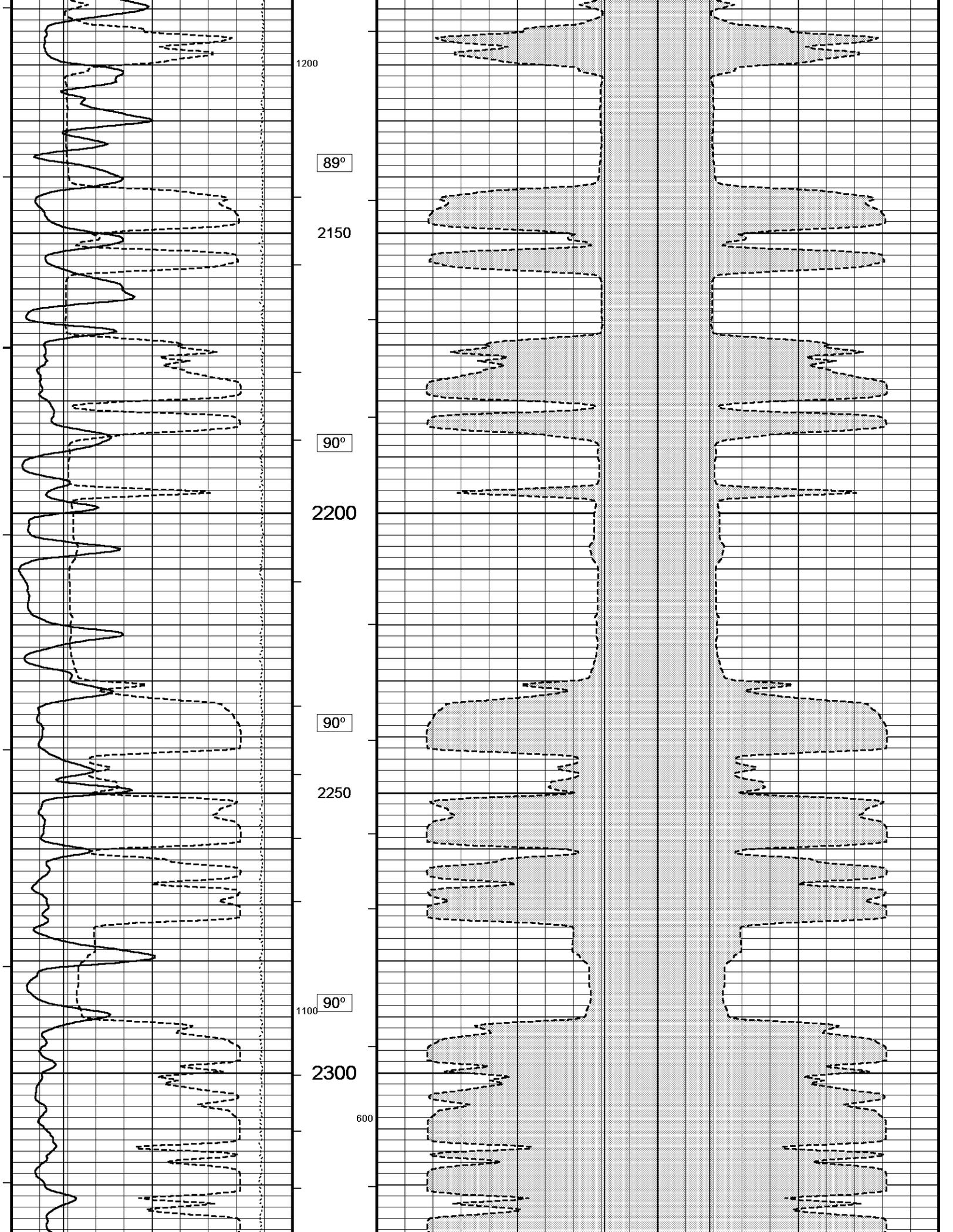


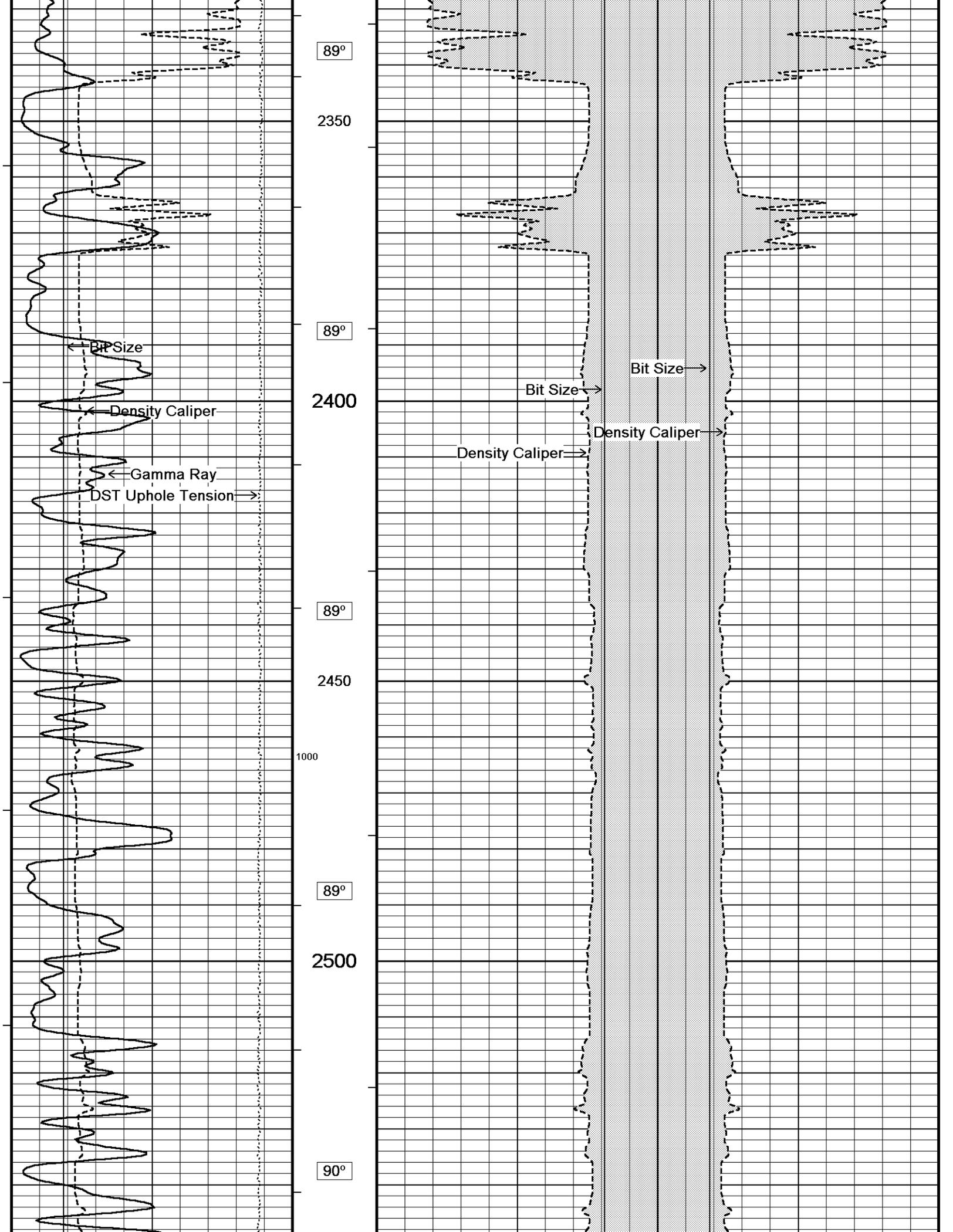


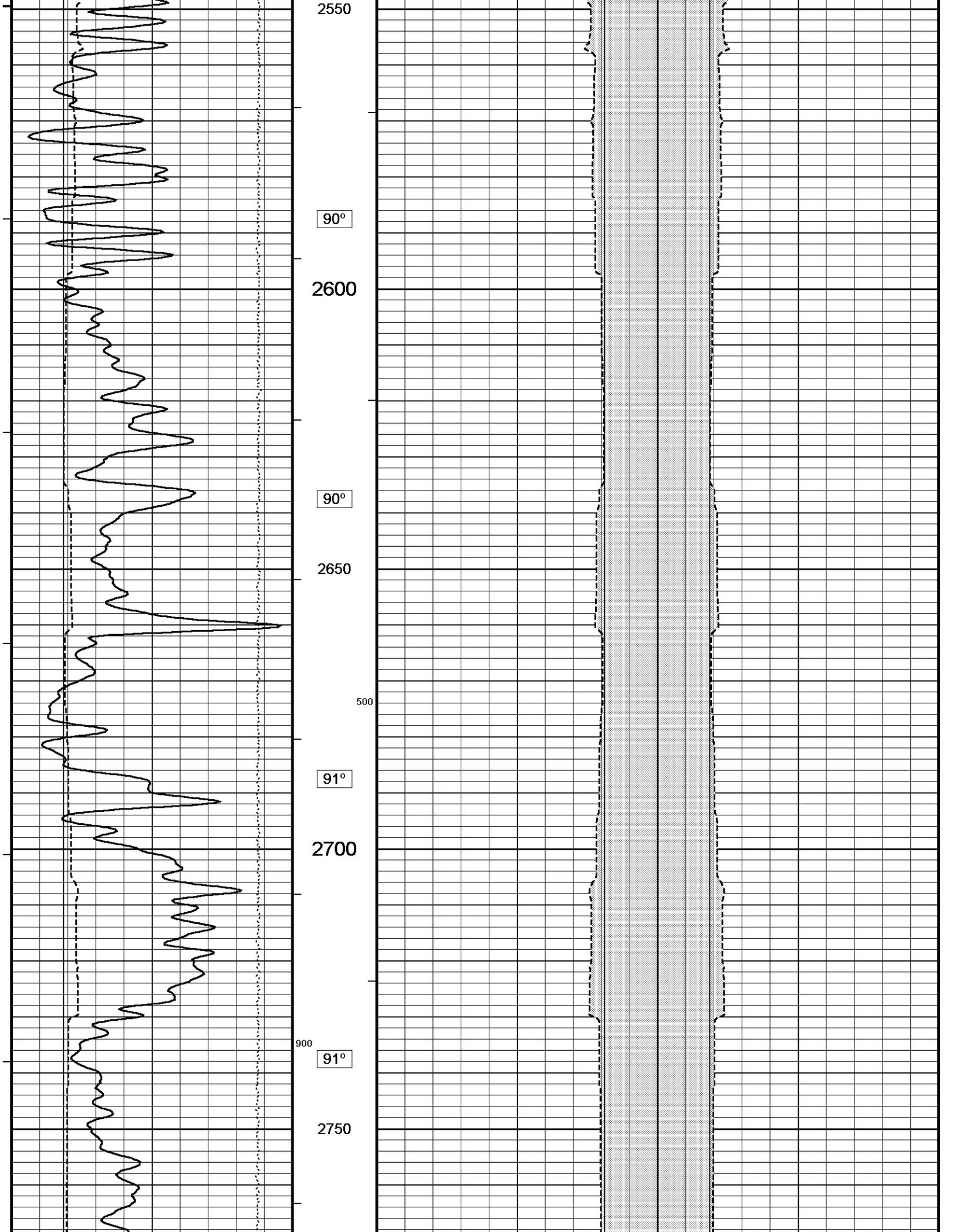


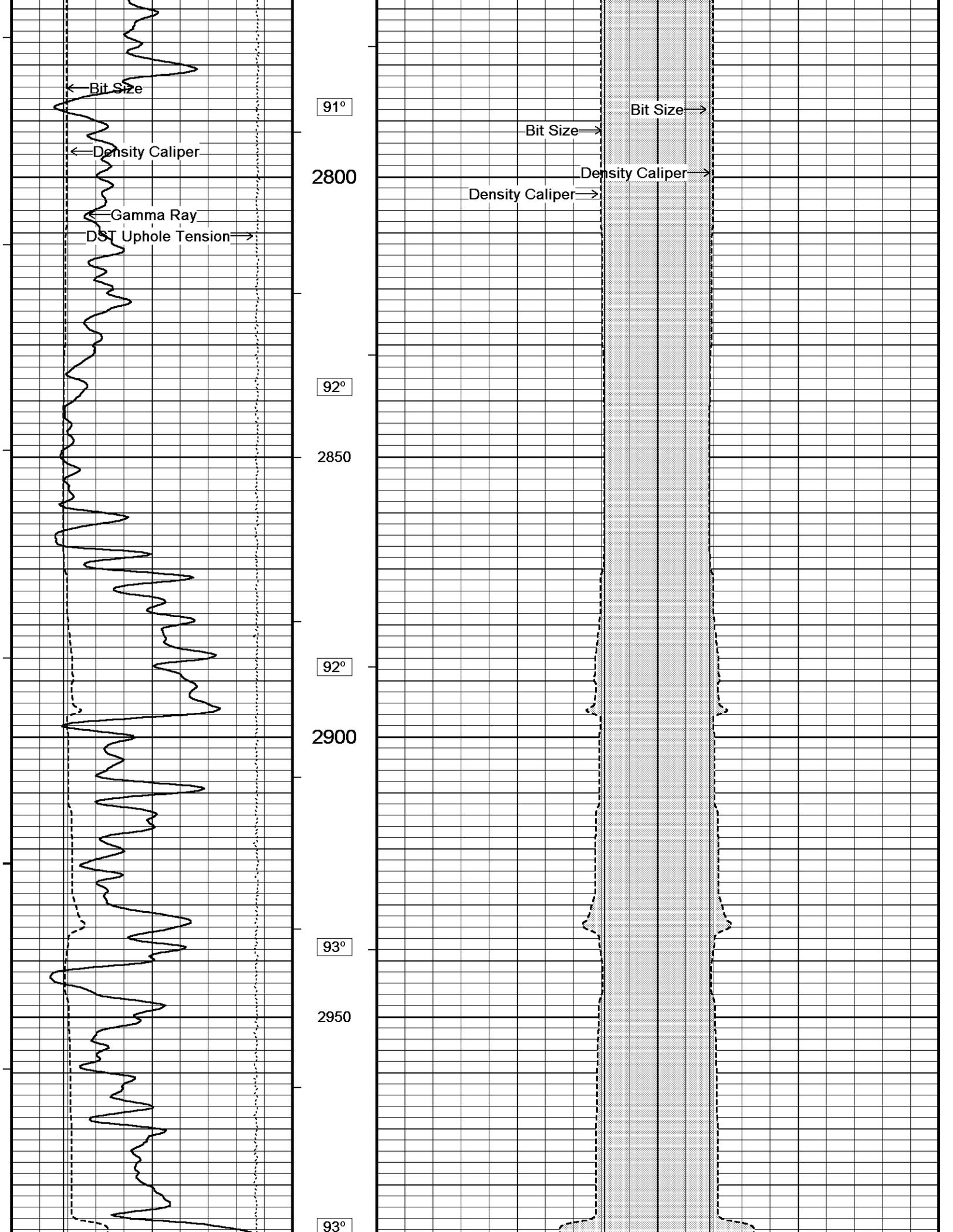


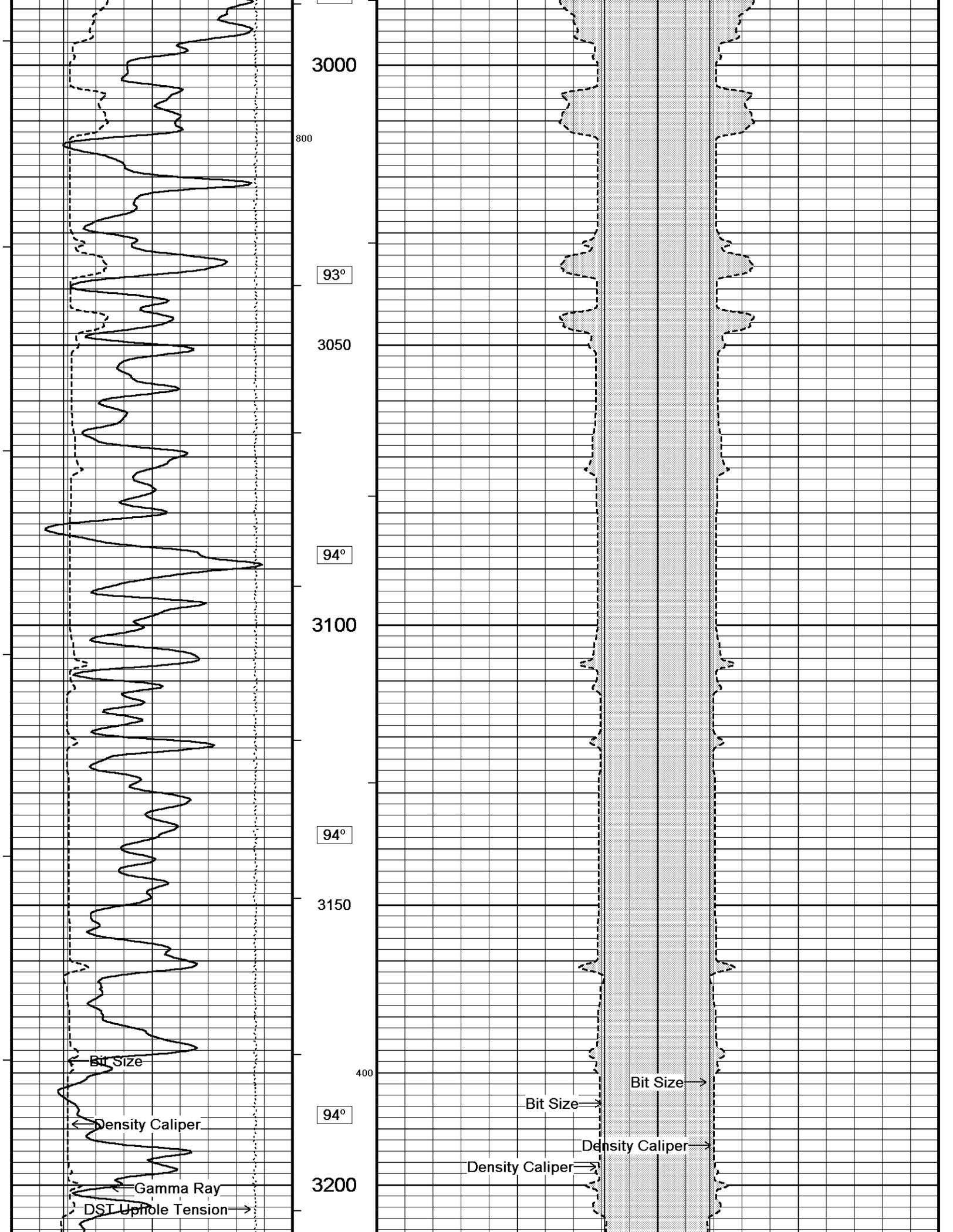


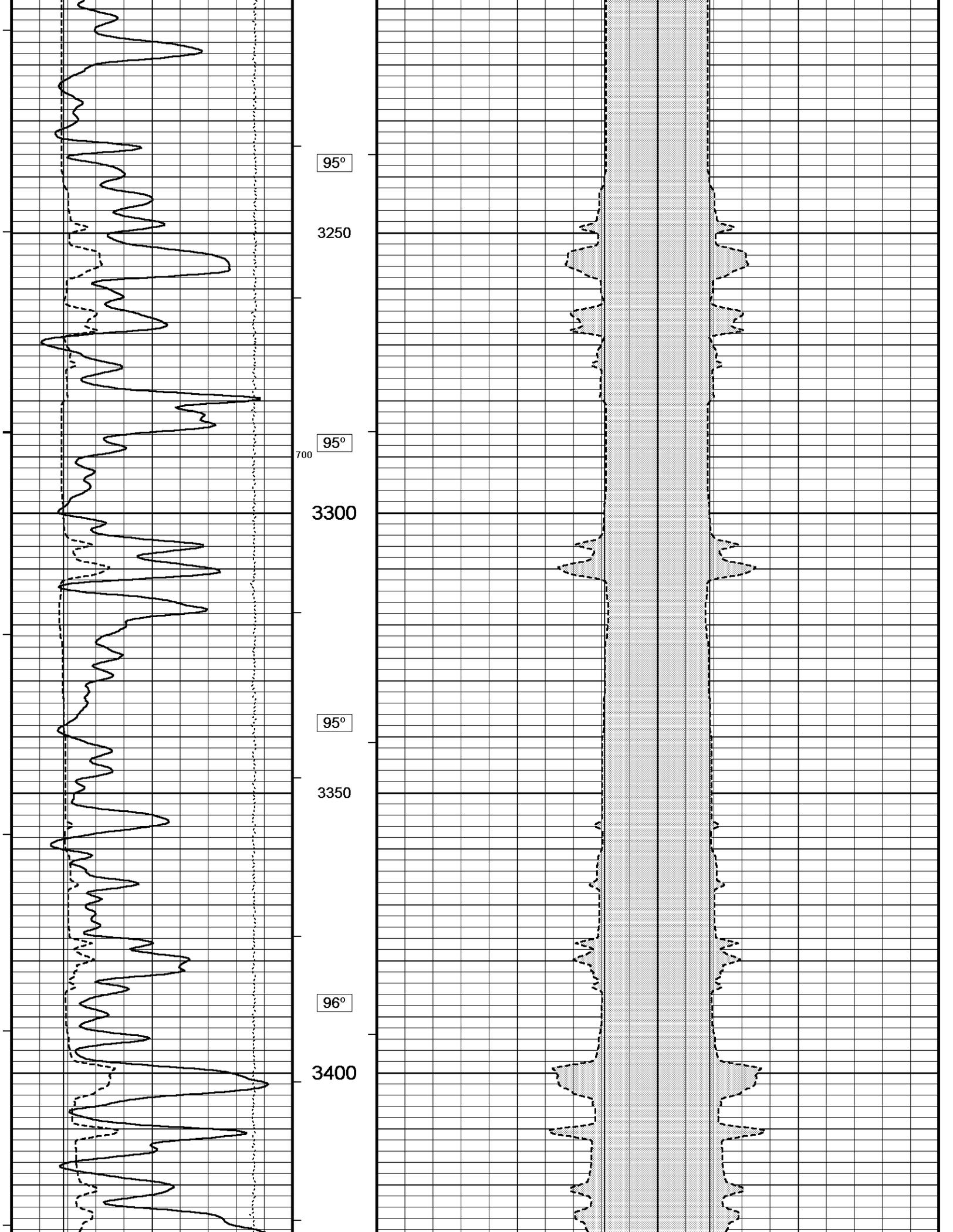


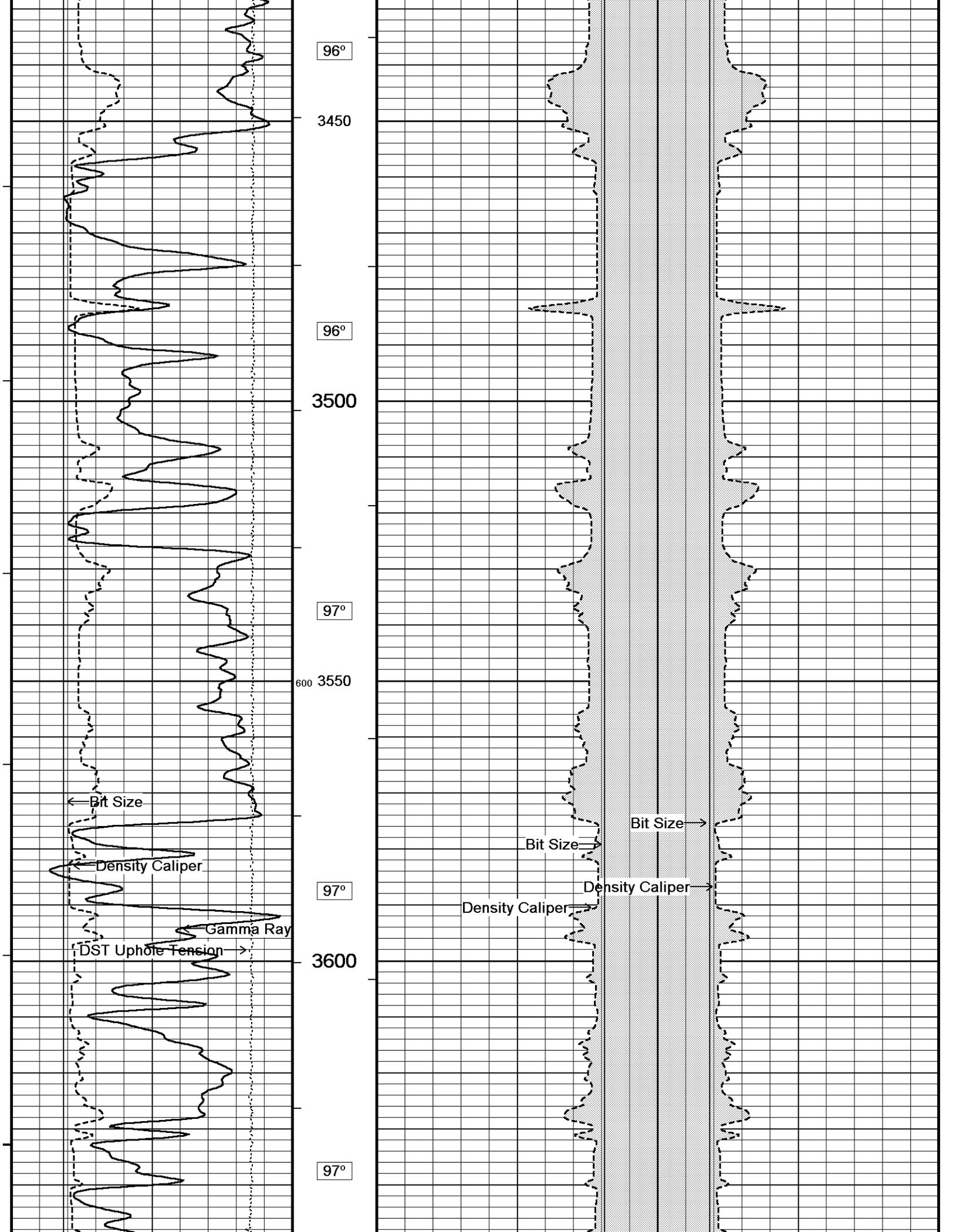


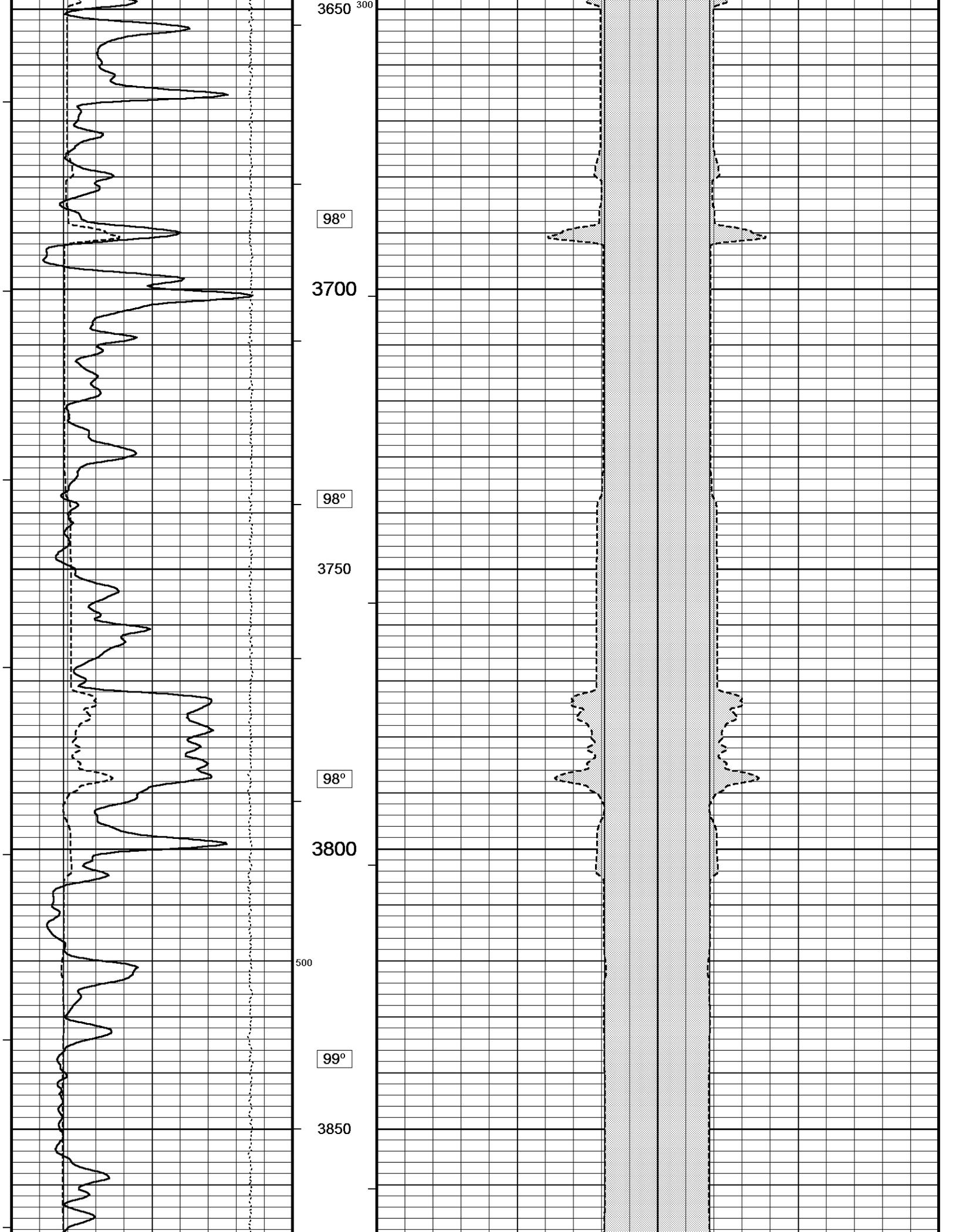


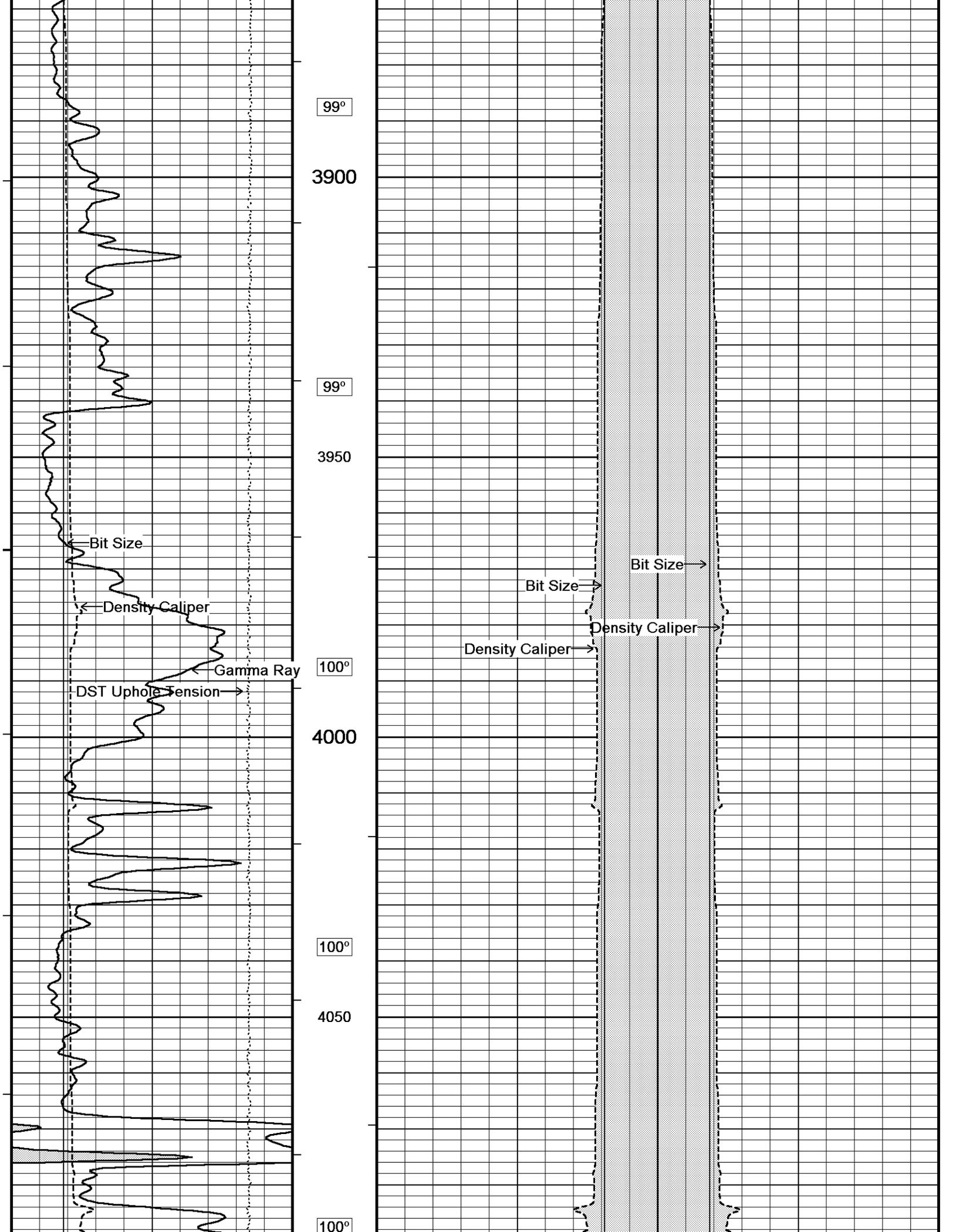


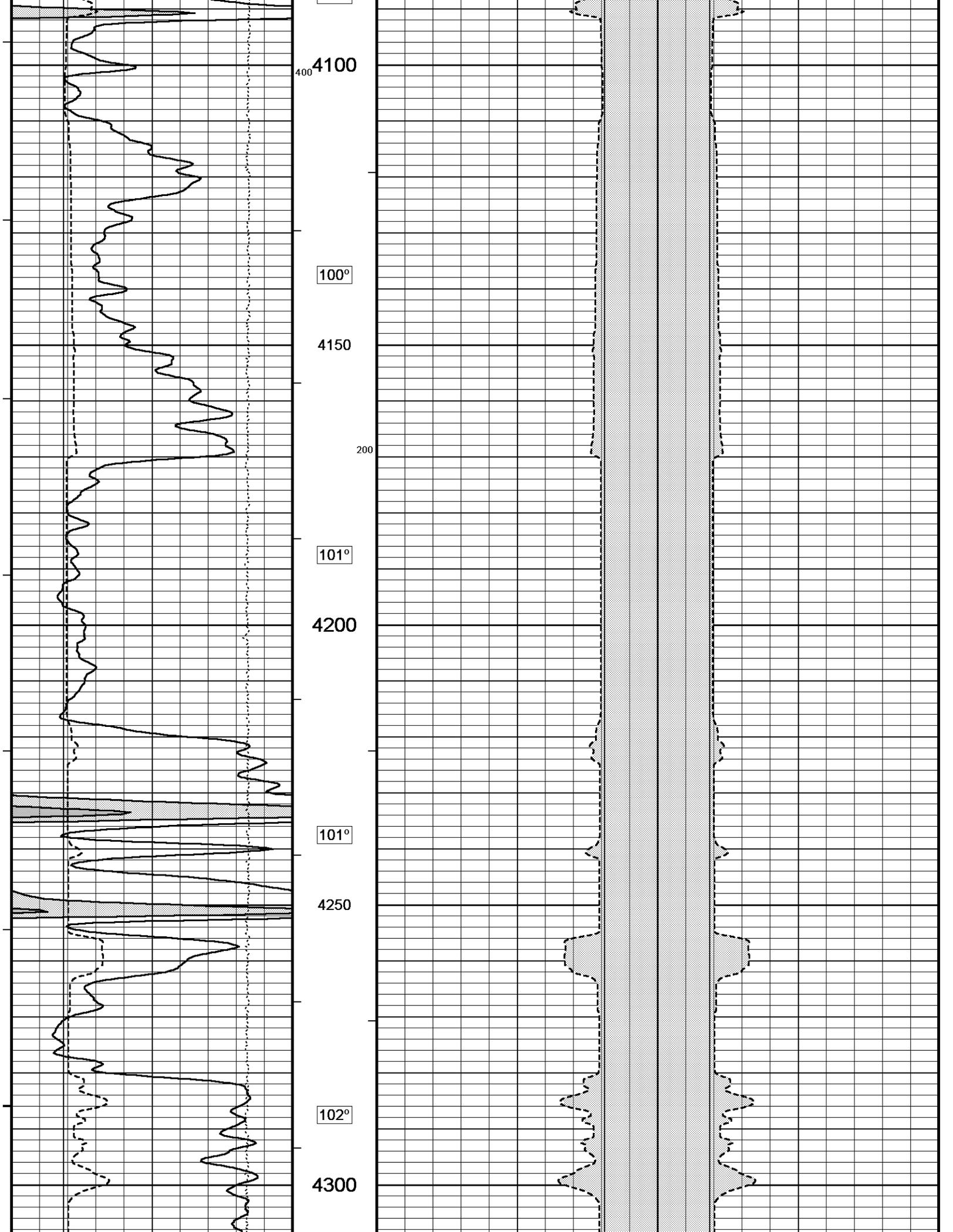


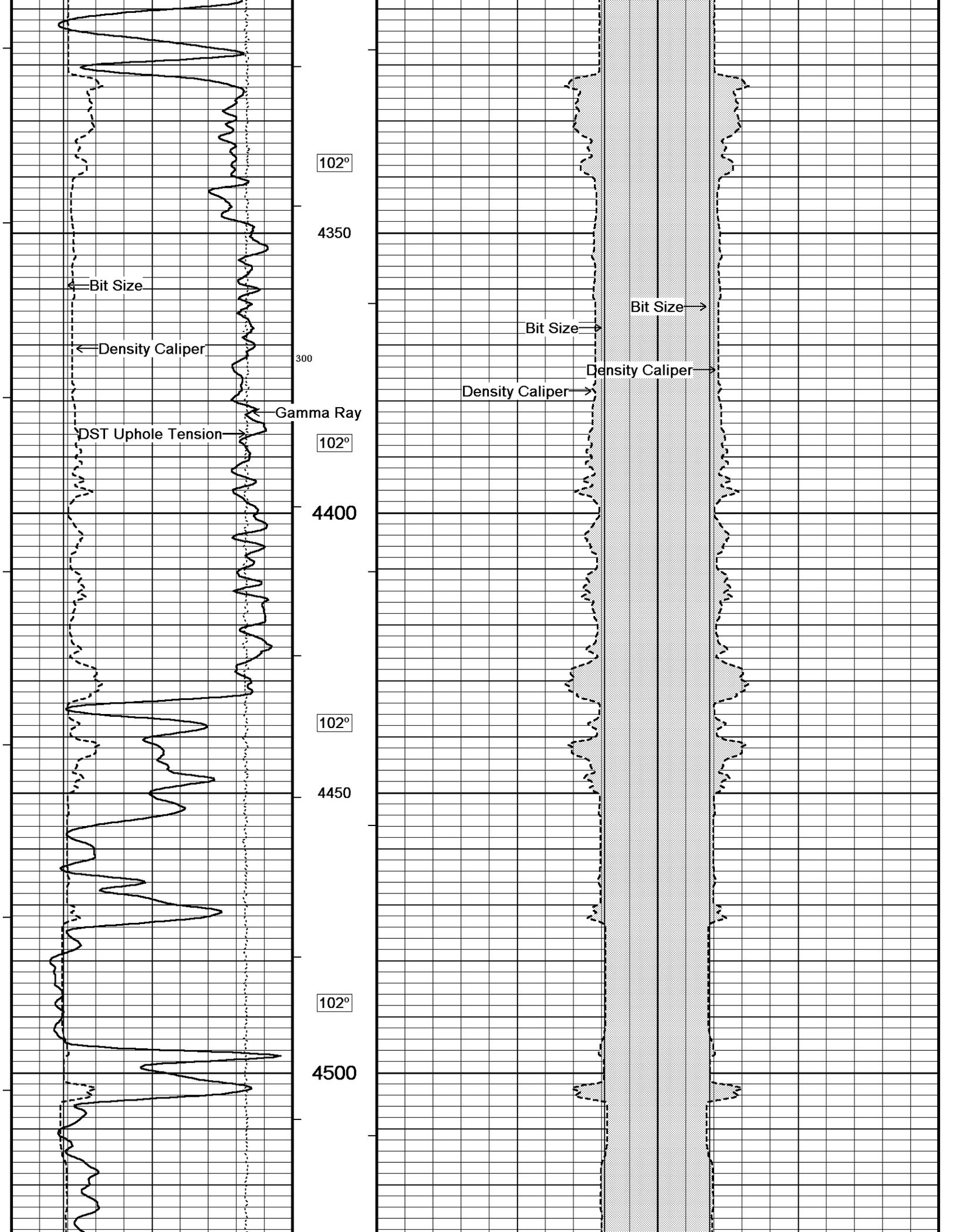


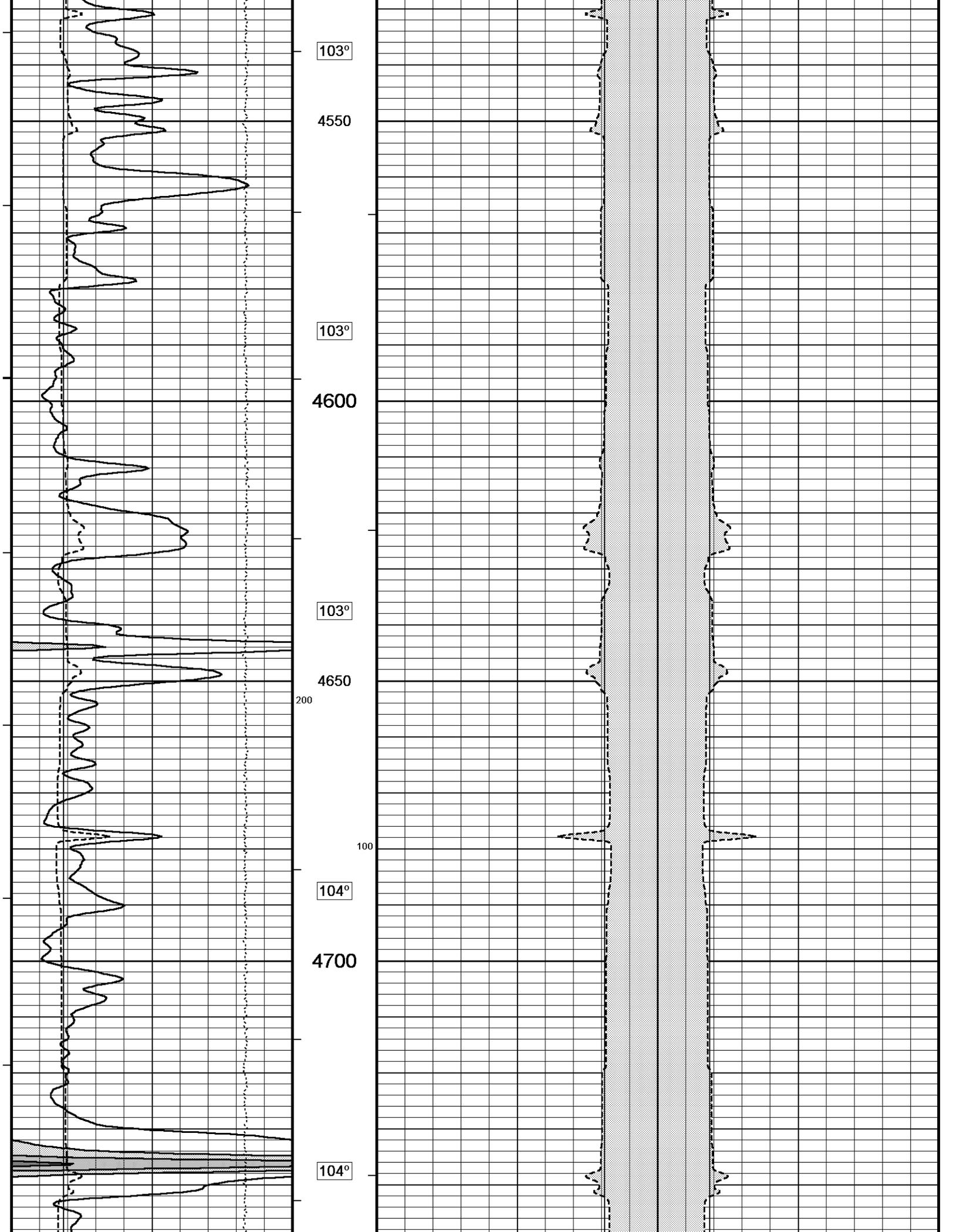


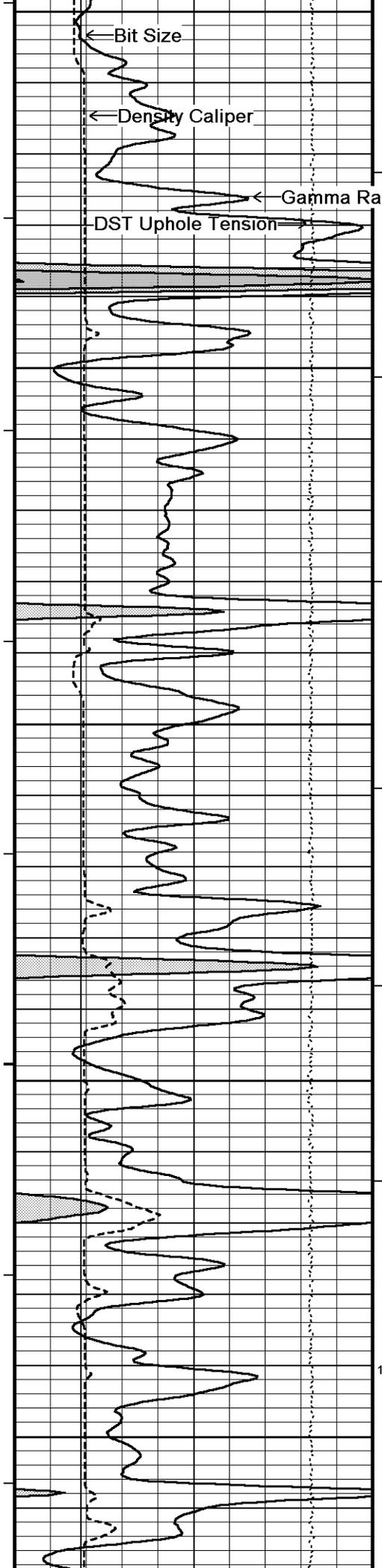




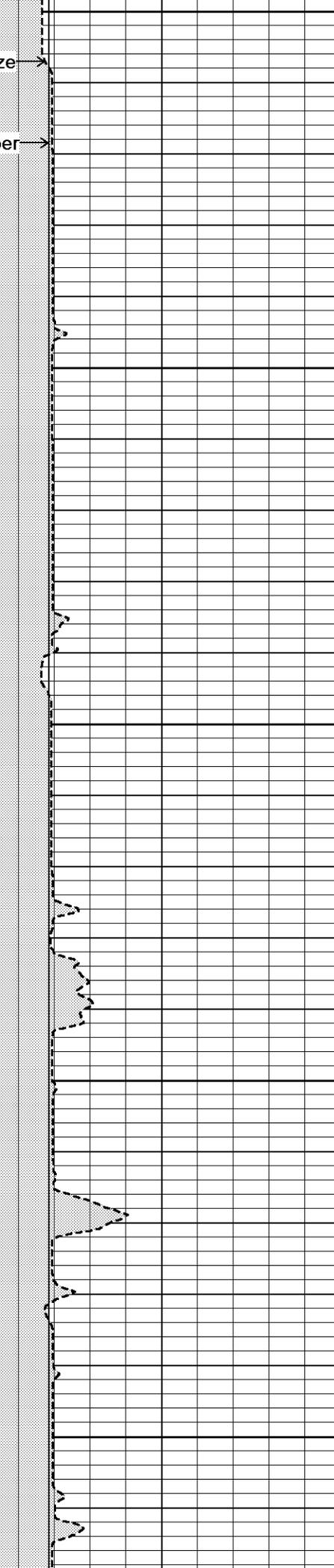
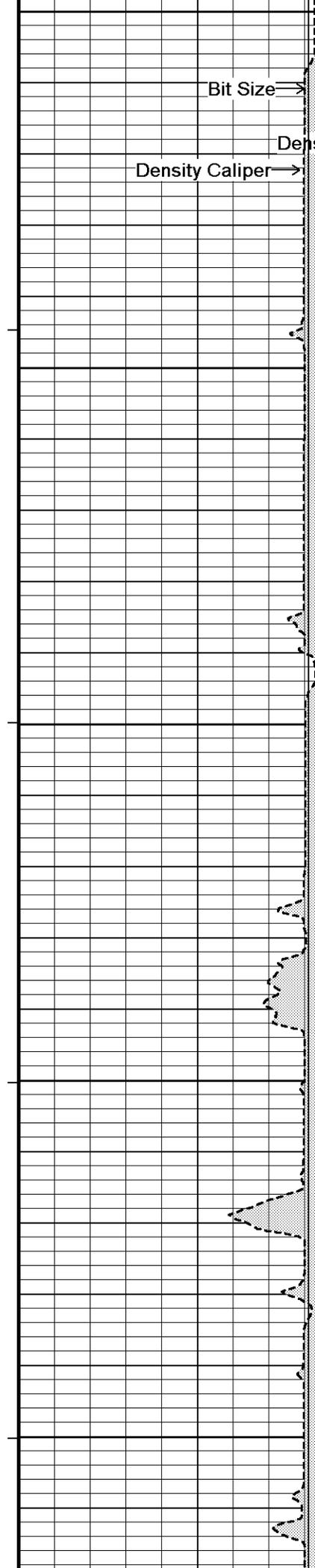






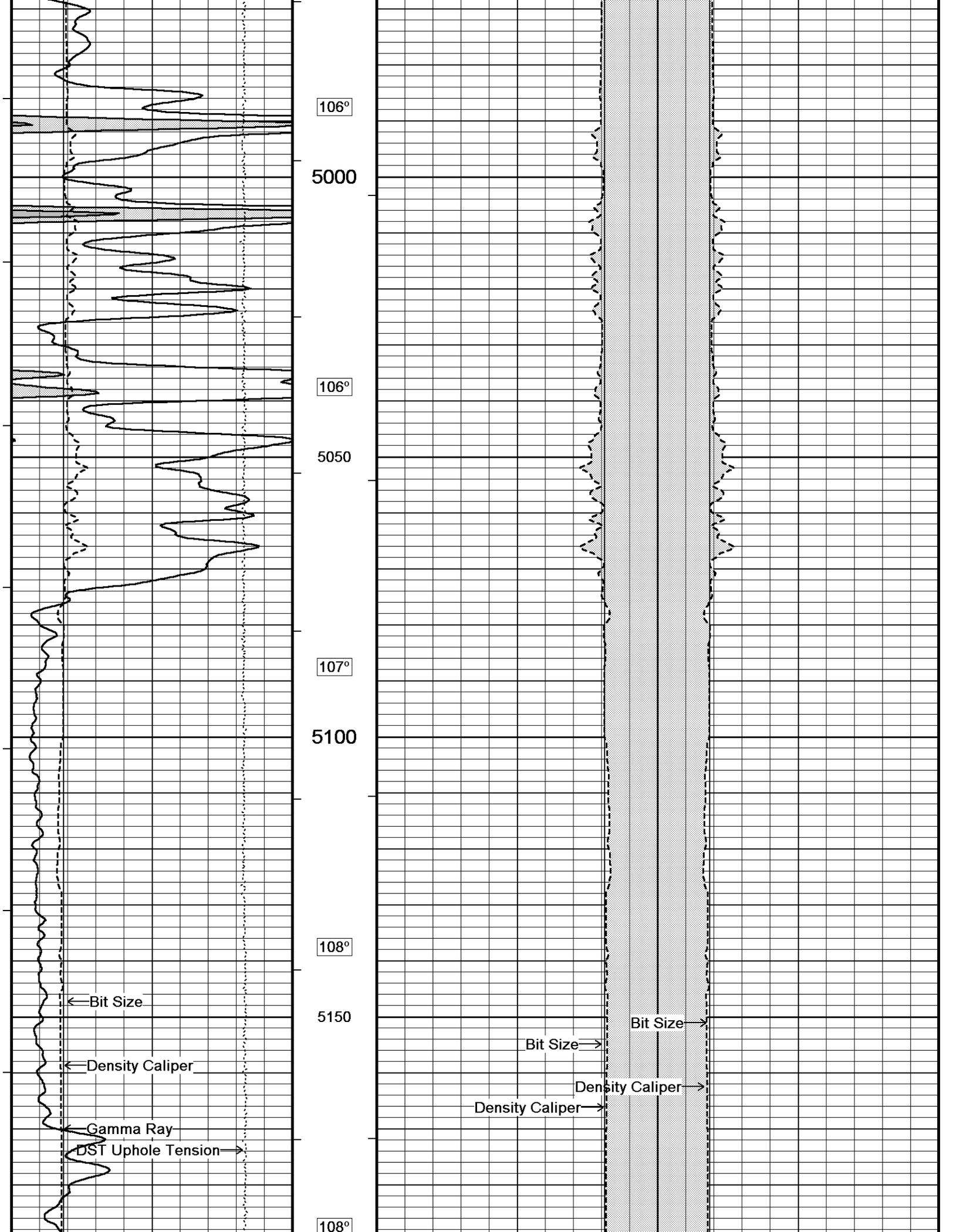


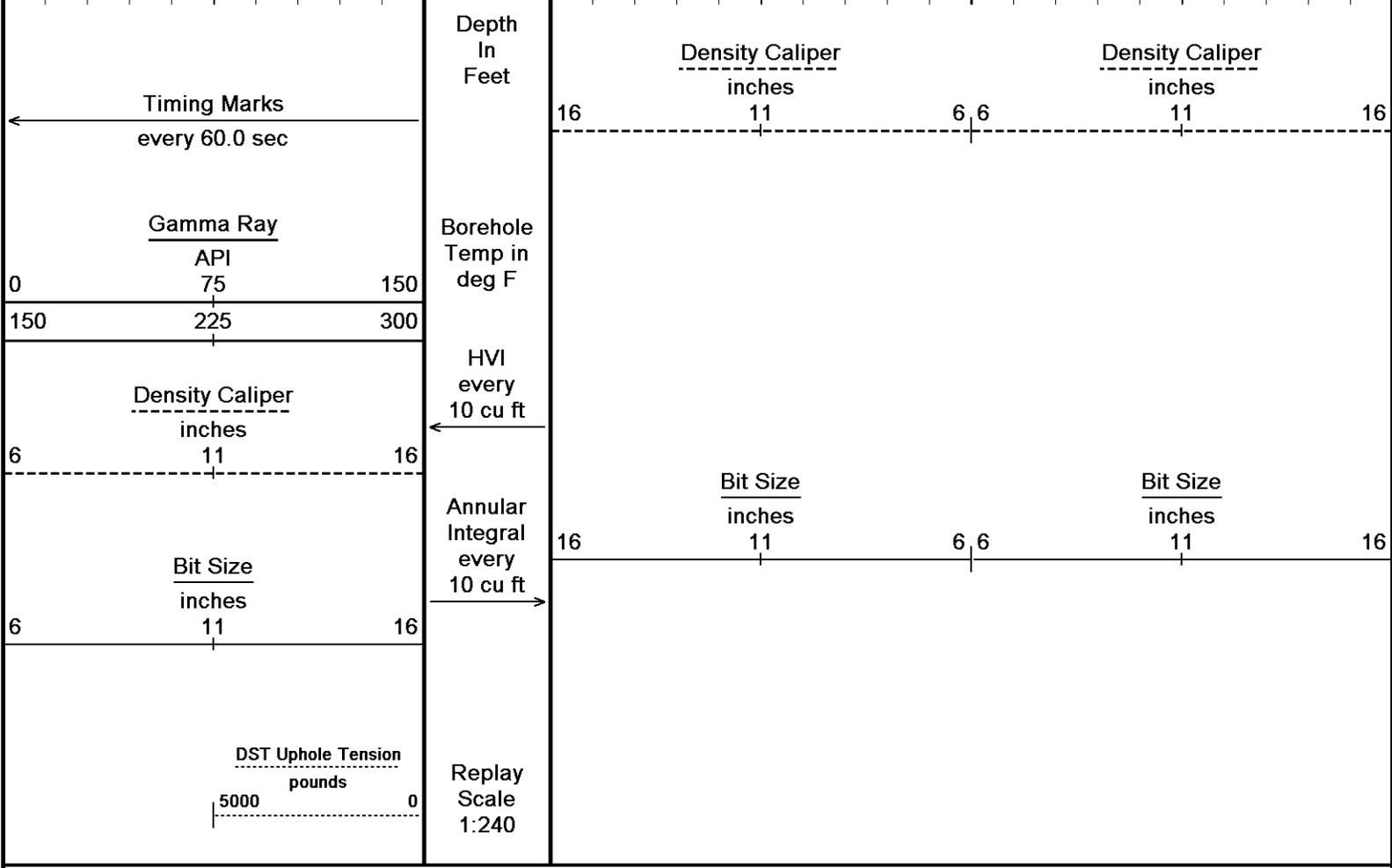
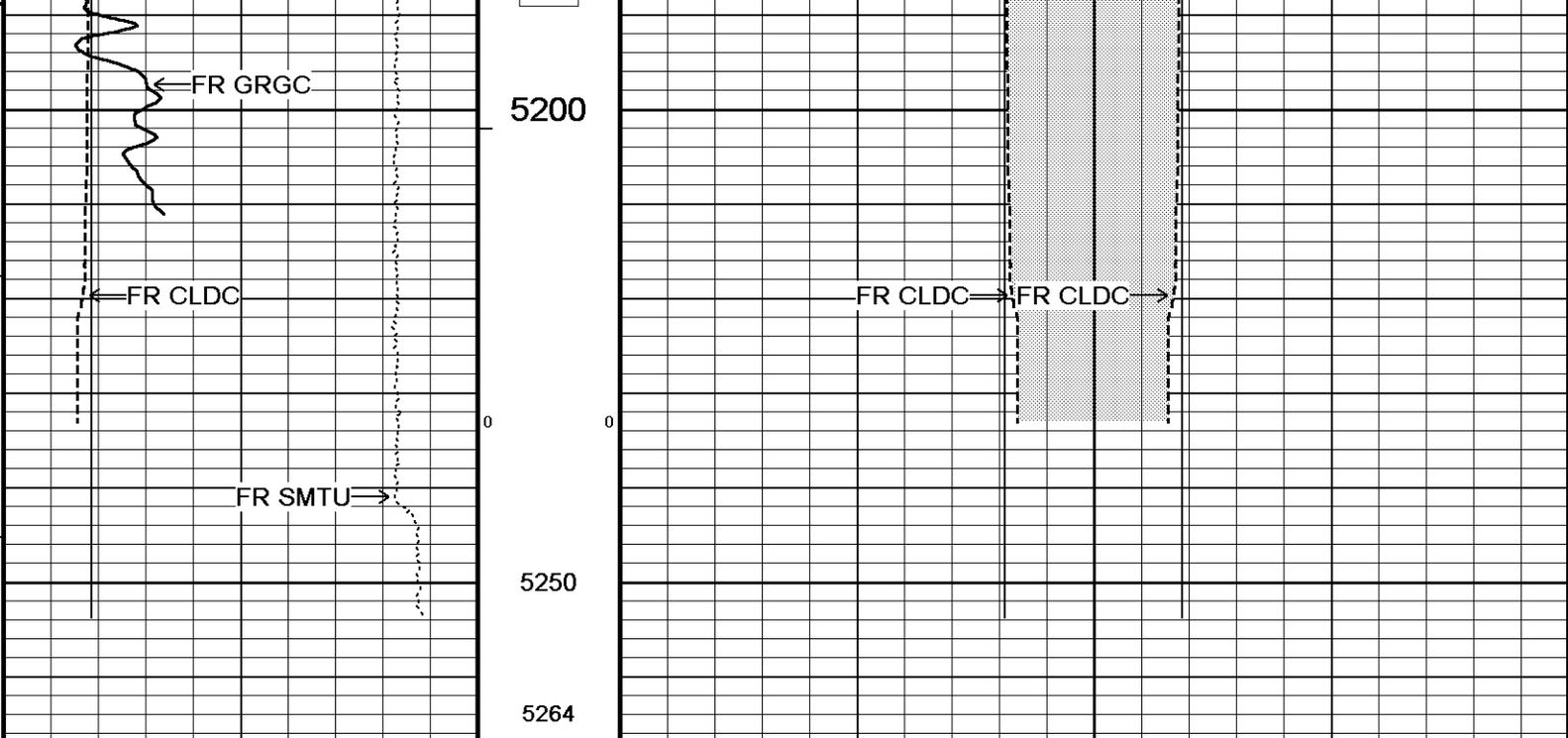
4750  
104°  
4800  
105°  
4850  
105°  
4900  
106°  
100  
4950



Bit Size  
Density Caliper

Bit Size  
Density Caliper





Depth Based Data - Maximum Sampling Increment 10.0cm

Filename: C:\Minimus 13.04.8492\Data\McCoy Hill 'A' #2-23\McCoy Hill 'A' #2-23\_002.dta

System Versions: Logged with 13.04.8492 Plotted with 13.04.8492

Plotted on 15-MAR-2013 06:53

Recorded on 15-MAR-2013 04:19



COMPANY MCCOY PETROLEUM CORPORATION

WELL HILL 'A' #2-23

FIELD ALFORD

PROVINCE/COUNTY KIOWA  
COUNTRY/STATE U.S.A. / KANSAS

Elevation Kelly Bushing	2248.00	feet	First Reading		feet
Elevation Drill Floor	2247.00	feet	Depth Driller	5240.00	feet
Elevation Ground Level	2237.00	feet	Depth Logger	5241.00	feet



CALIPER LOG

**Weatherford**<sup>®</sup>