



HOLE VOLUME CALIPER LOG

COMPANY				BILL BARRETT CORPORATION			
WELL				GGU FEDERAL 31B-29-691			
FIELD				GIBSON GULCH			
PROVINCE/COUNTY				GARFIELD			
COUNTRY/STATE				U.S.A. / COLORADO			
LOCATION				SHL: 1209' FNL & 1371' FWL BHL: 819' FNL & 1990' FEL			
SEC	TWP	RGE	Other Services				
29	6S	91W	MPD/MDN				
API Number		05-045-19804		MAI/MFE			
Permit Number							
Permanent Datum G.L., Elevation 6104 feet							
Log Measured From K.B. @ 23 FEET above Permanent Datum							
Drilling Measured From K.B.							
Date	18-MAR-2011					Elevations:	feet
Run Number	ONE					KB	6127.00
Depth Driller	7453.00					feet	
Depth Logger	7450.00					feet	
First Reading	7428.00						
Last Reading	840.00						
Casing Driller	844.00					feet	
Casing Logger	846.00					feet	
Bit Size	7.875					inches	
Hole Fluid Type	LSND						
Density / Viscosity	10.60 lb/USg					52.00 CP	
PH / Fluid Loss	9.10					7.60 ml/30Min	
Sample Source	FLOW LINE						
Rm @ Measured Temp	2.35 @ 76.8					ohm-m	
Rmf @ Measured Temp	2.08 @ 76.8					ohm-m	
Rmc @ Measured Temp	2.62 @ 76.8					ohm-m	
Source Rmf / Rmc	CALC					CALC	
Rm @ BHT	1.12 @ 165.0					ohm-m	
Time Since Circulation	4.5 HOURS						
Max Recorded Temp	165.00					deg F	
Equipment Name	COMPACT						
Equipment / Base	13038					GID JCT	
Recorded By	S. LACKEY						
Witnessed By	C.CROW						

BOREHOLE RECORD					Last Edited: 19-MAR-2011 14:53
Bit Size inches		Depth From feet		Depth To feet	
8.750		844.00		5493.00	
7.875		5493.00		7453.00	
CASING RECORD					
Type	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft	
SURFACE	9.625	0.00	844.00	36.00	

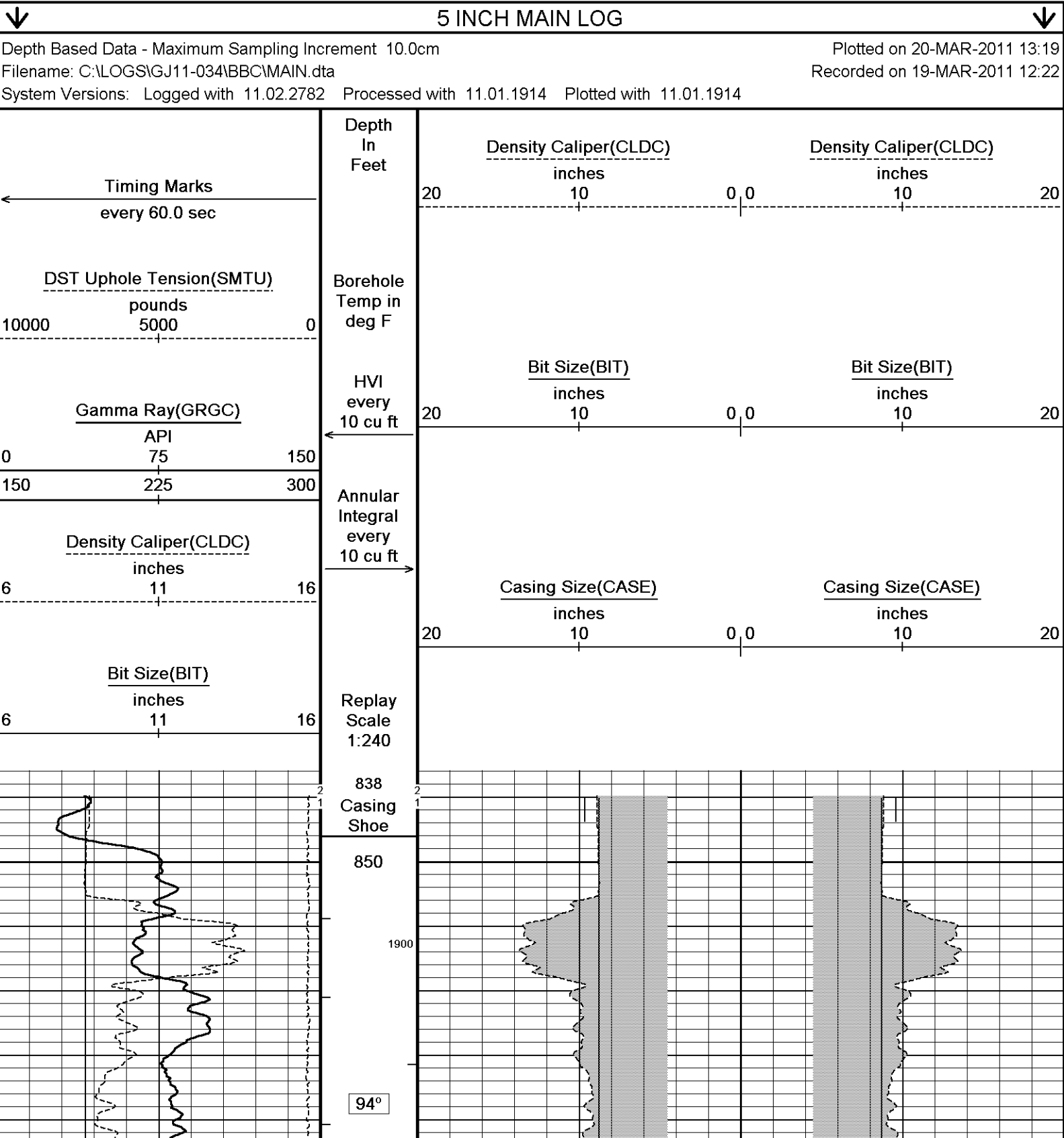
REMARKS	
TOOLS: SHA, MCG, MDN, MPD, SKJ, MFE, AND MAI RAN IN COMBINATION	
HARDWARE: MPD: (1) 8 INCH PROFILE PLATE MAI: (1) 0.5 INCH STANDOFF MDN: (1) DUAL BOWSPRING	
2.68 G/CC DENSITY MATRIX USED TO CALCULATE POROSITY.	
ALL INTERVALS LOGGED AND SCALED PER CUSTOMER'S REQUEST.	
TIGHT PULLS, BOREHOLE SIZE, AND RUGOSITY WILL AFFECT REPEATABILITY AND DATA QUALITY.	
CALIPER CHECK IN CASING PRESENTED, REFERENCE I.D. = 8.94" (9 5/8", 36 LB/FT CASING)	
TOTAL HOLE VOLUME FROM TD TO SURFACE CASING = 2605 CU.FT.	
ANNULAR VOLUME WITH 4.5 INCH PRODUCTION CASING = 1903 CU.FT.	

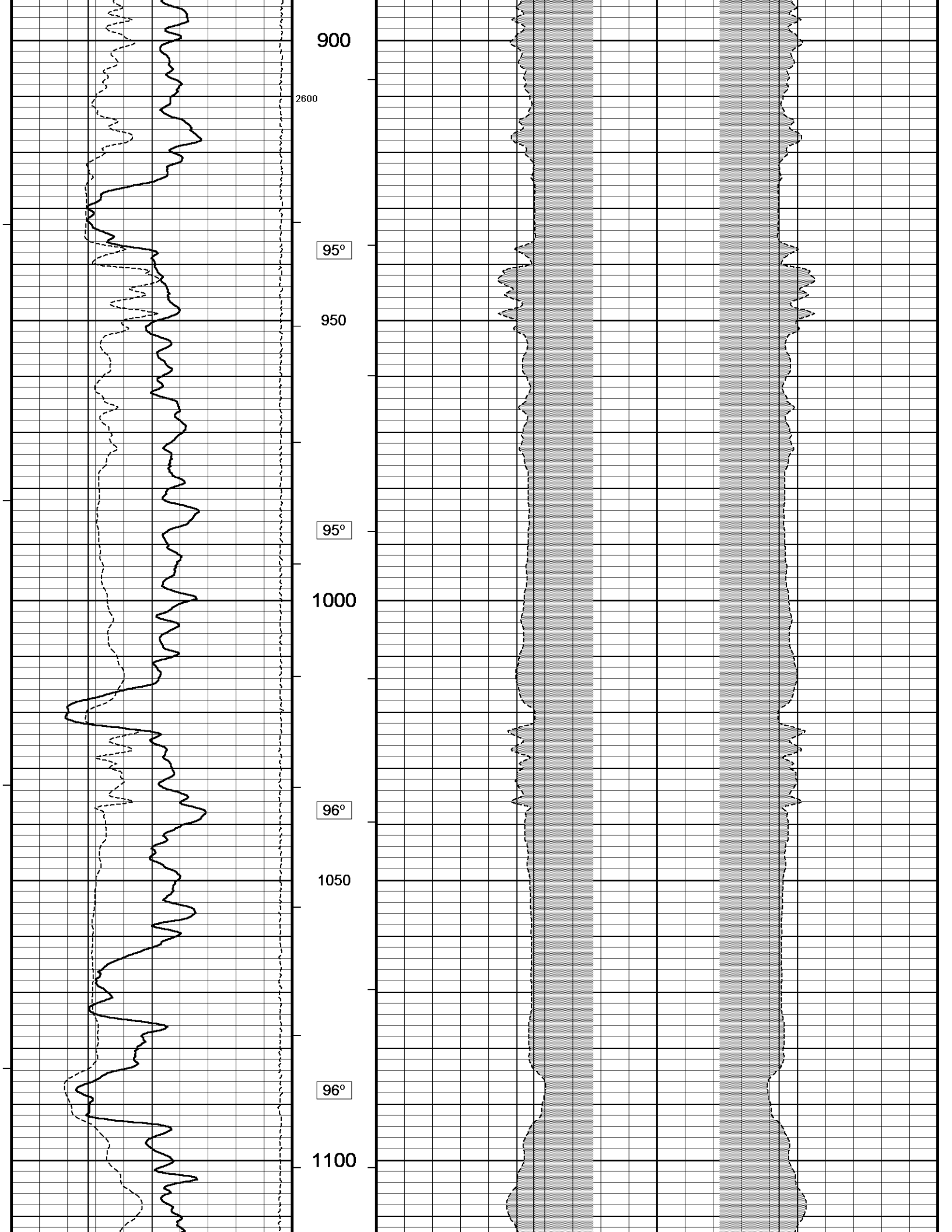
ANNULAR VOLUME WITH 4.5 INCH REDUCTION CASING = 1555 CU.FT.

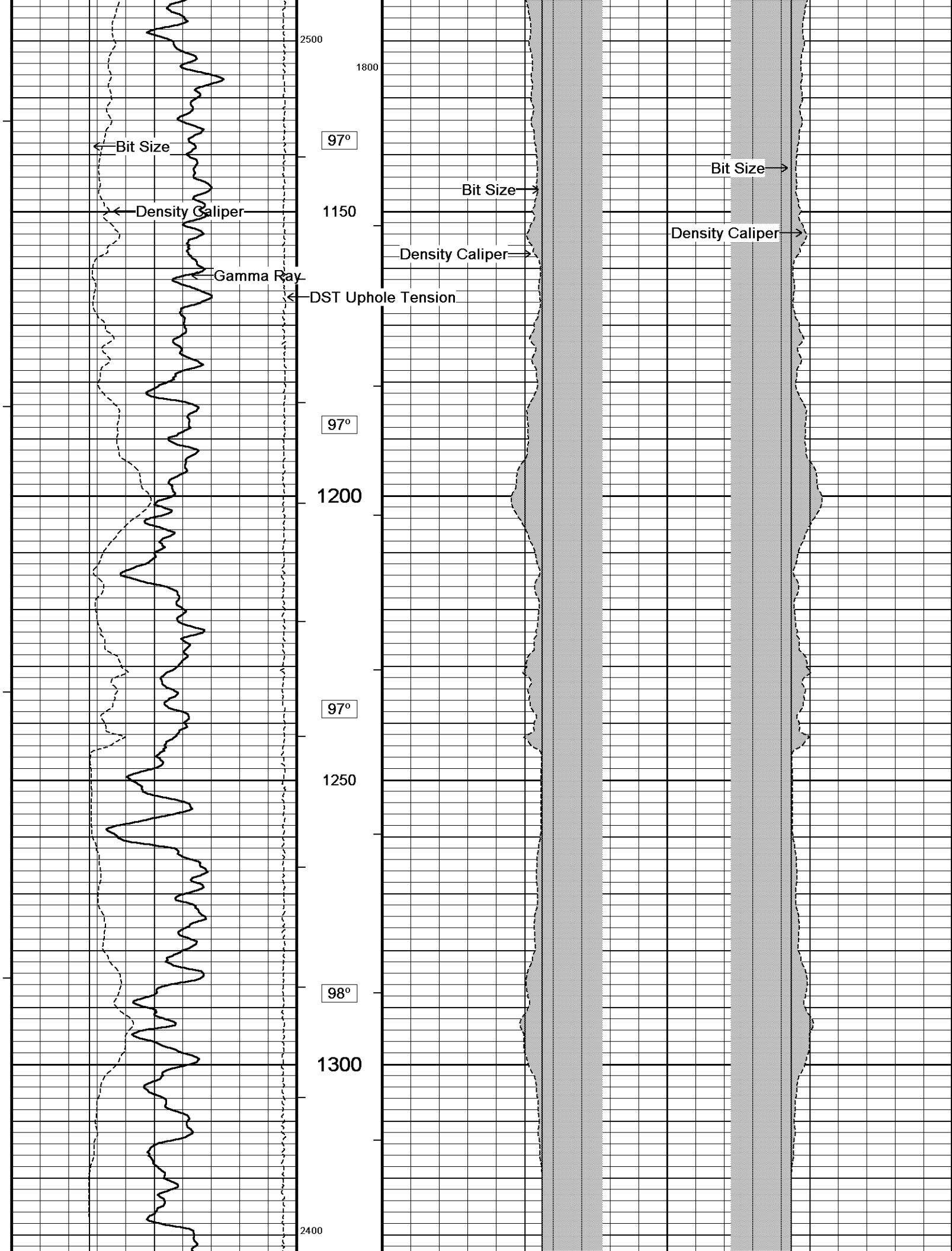
SERVICE ORDER: #3516171

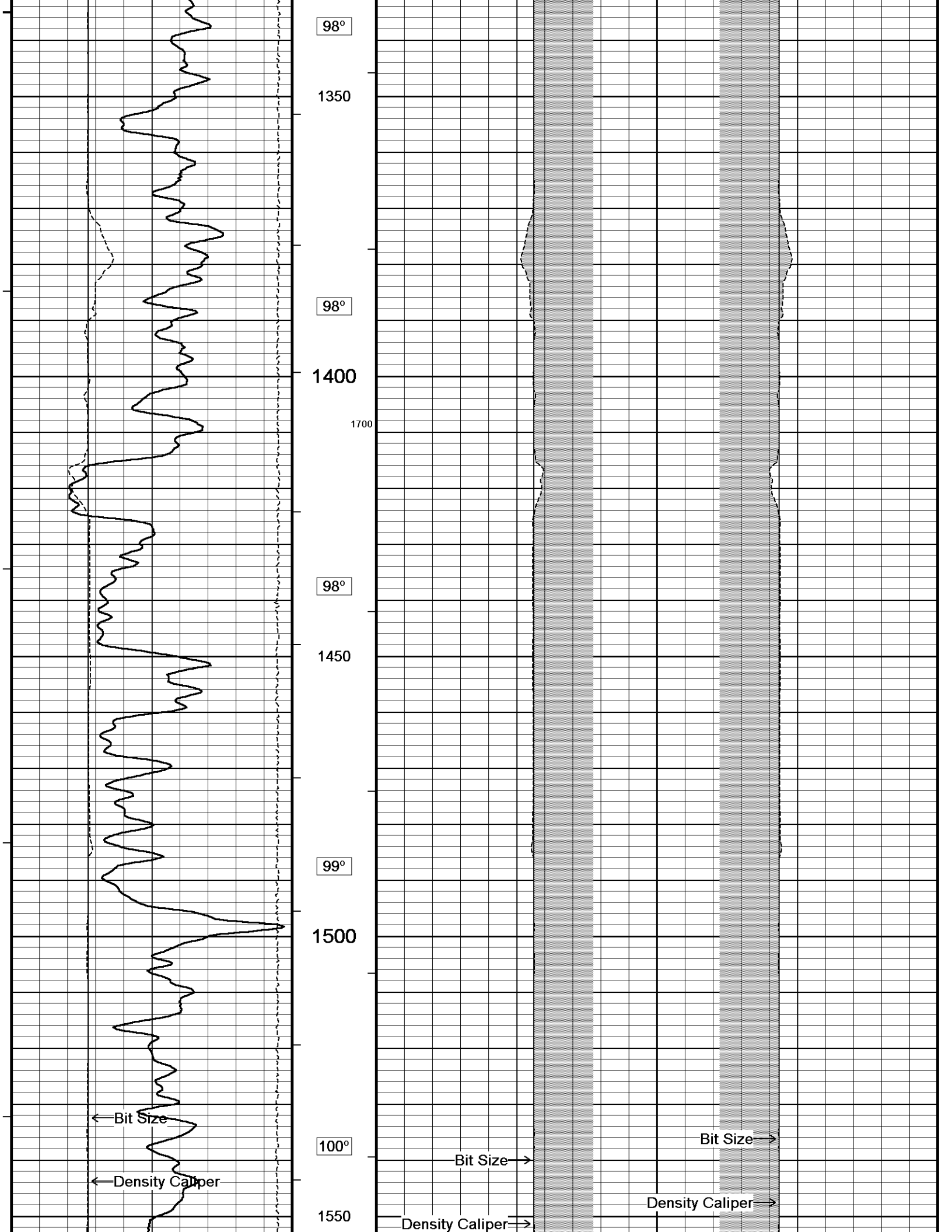
RIG: PATTERSON #307

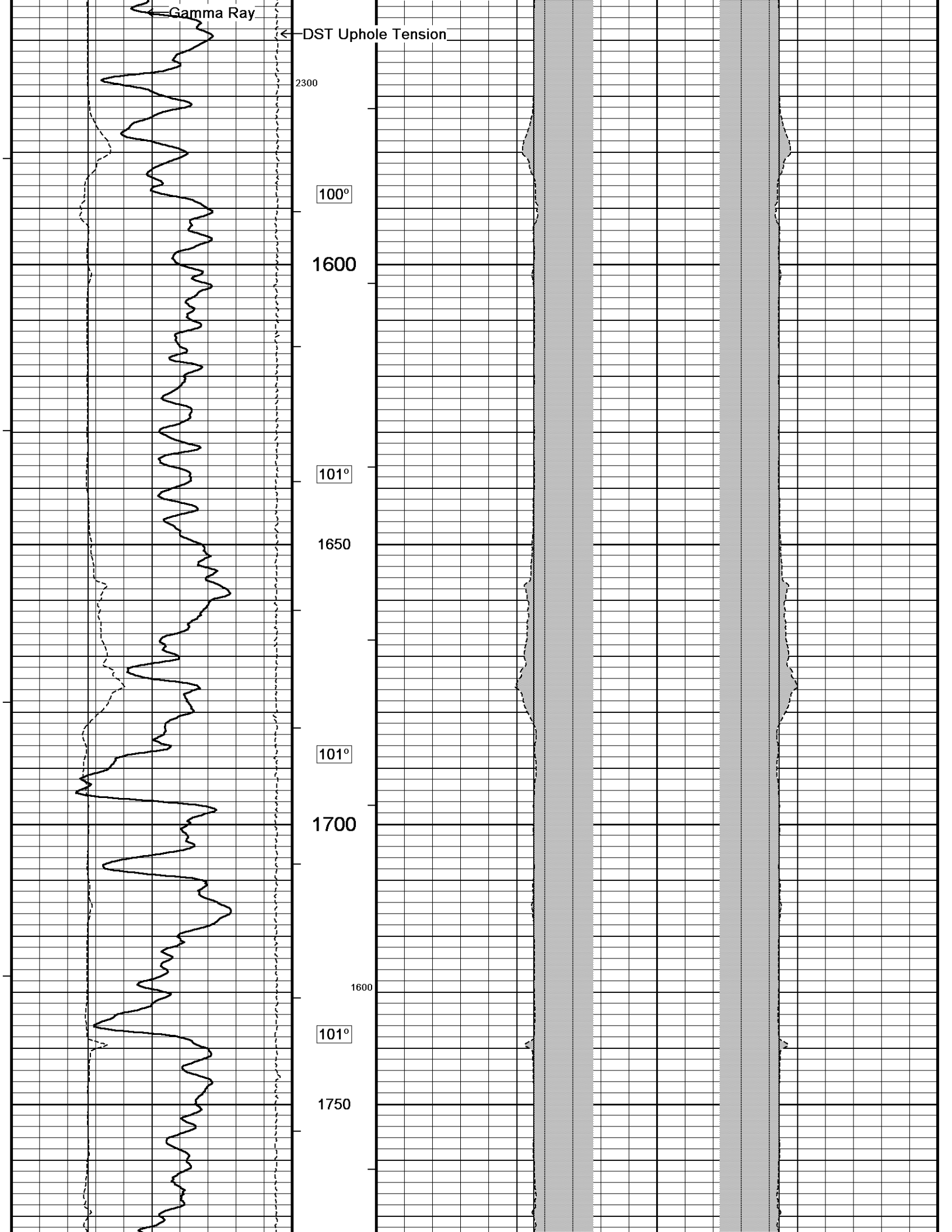
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, 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.

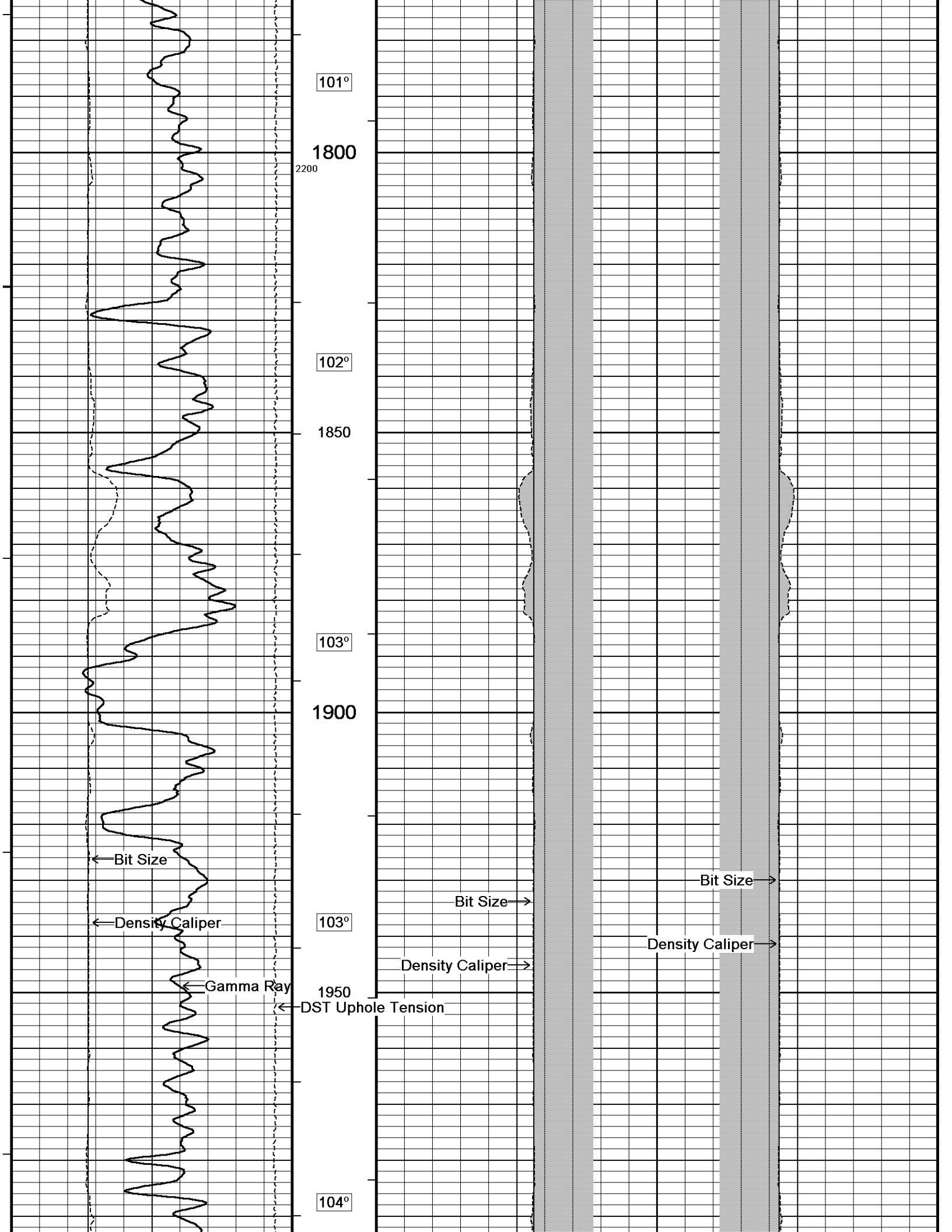


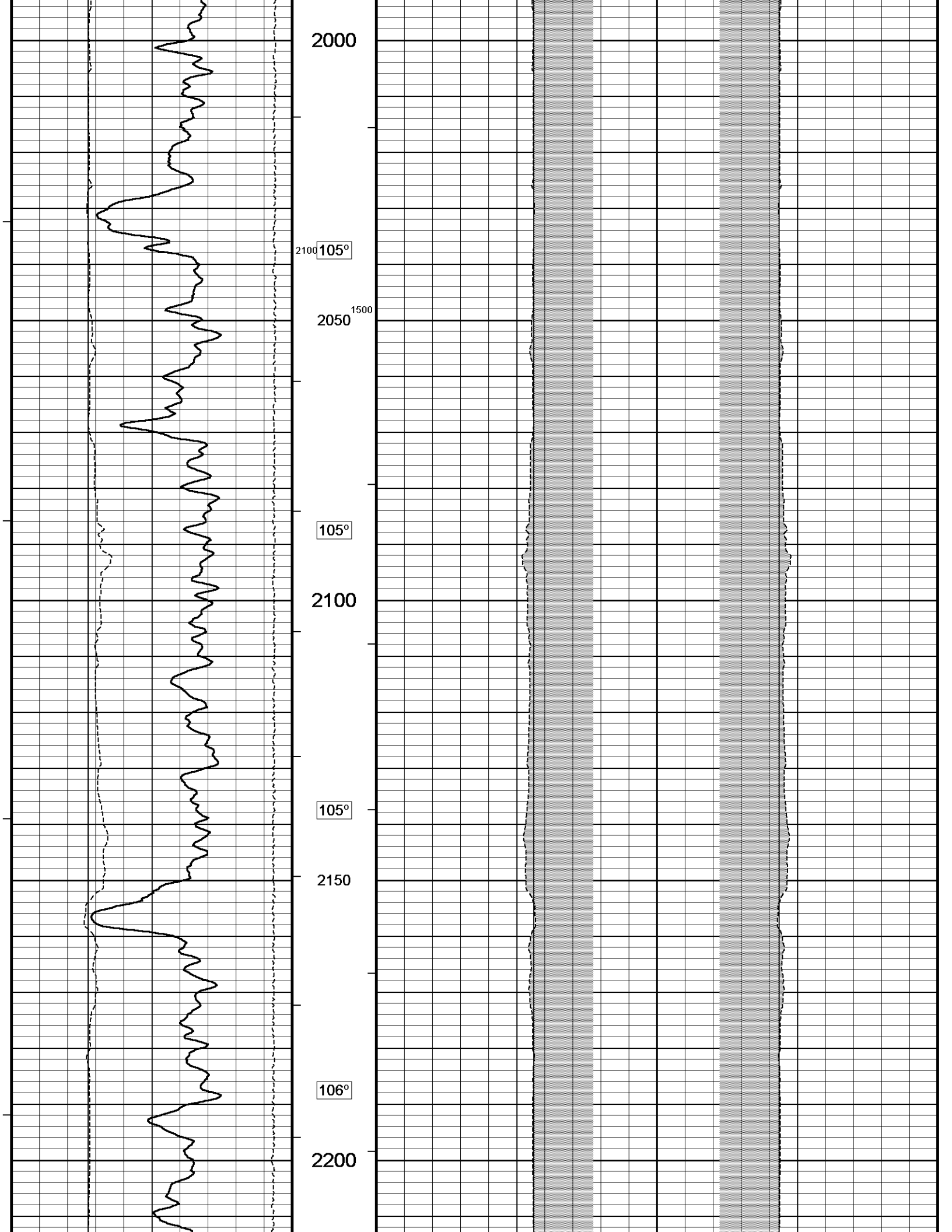


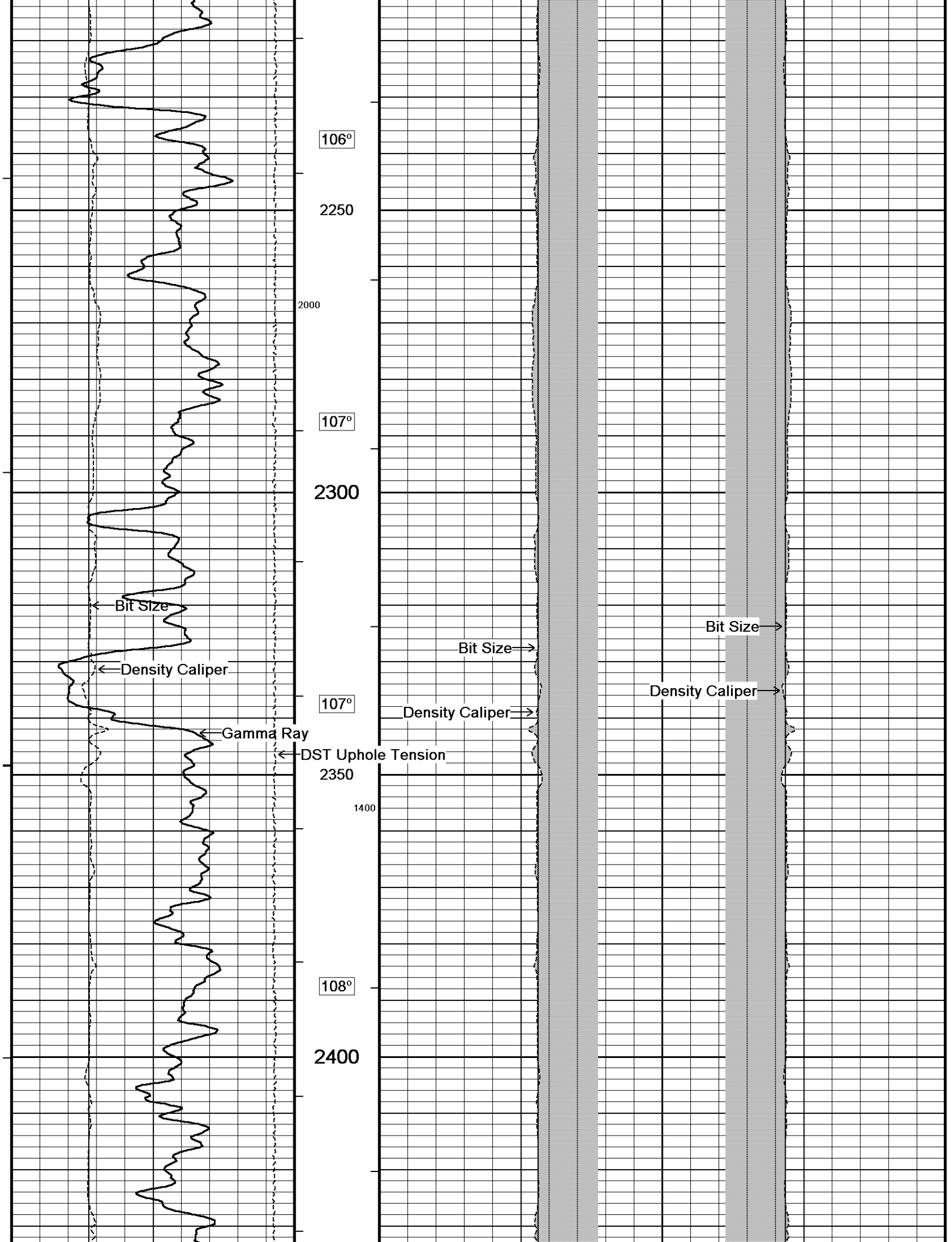


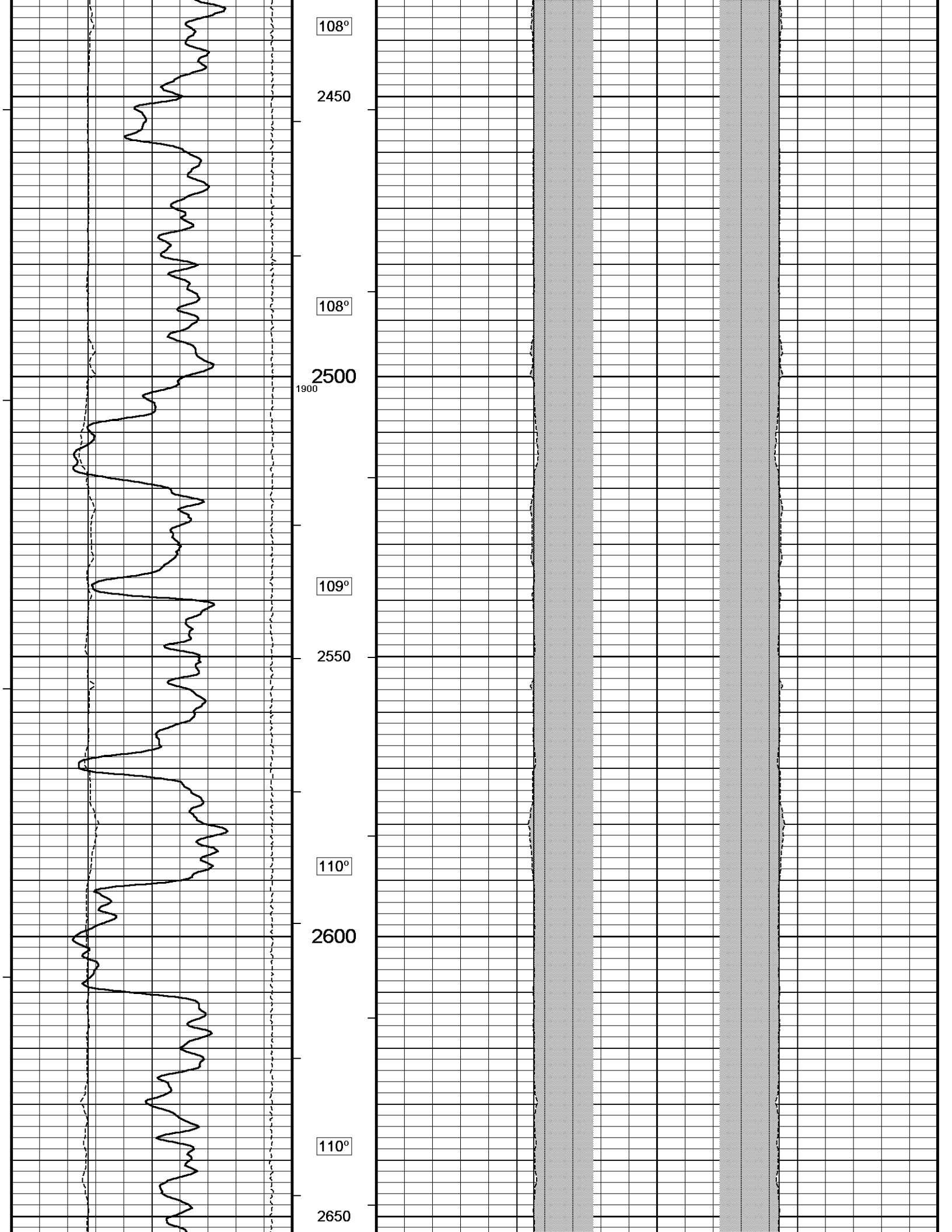


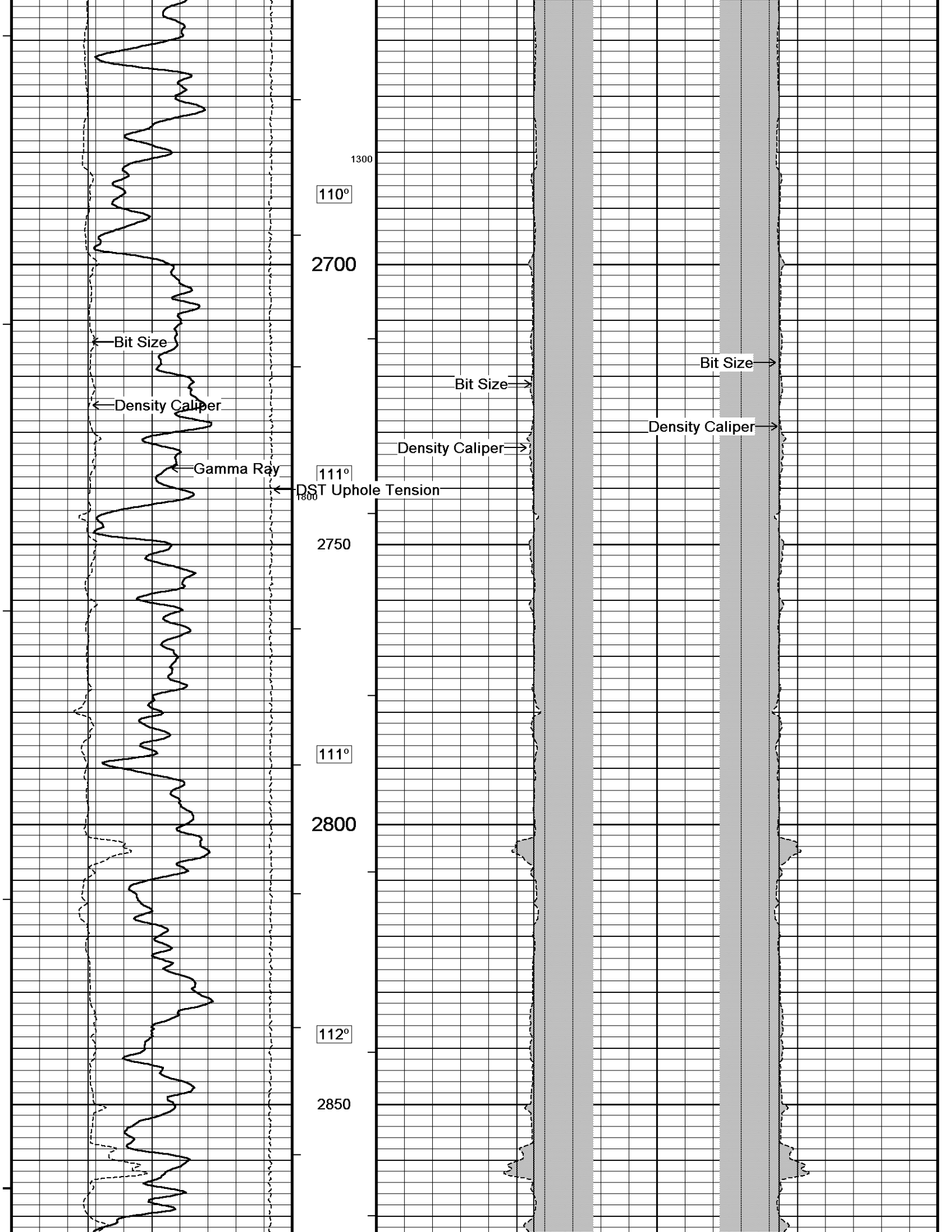


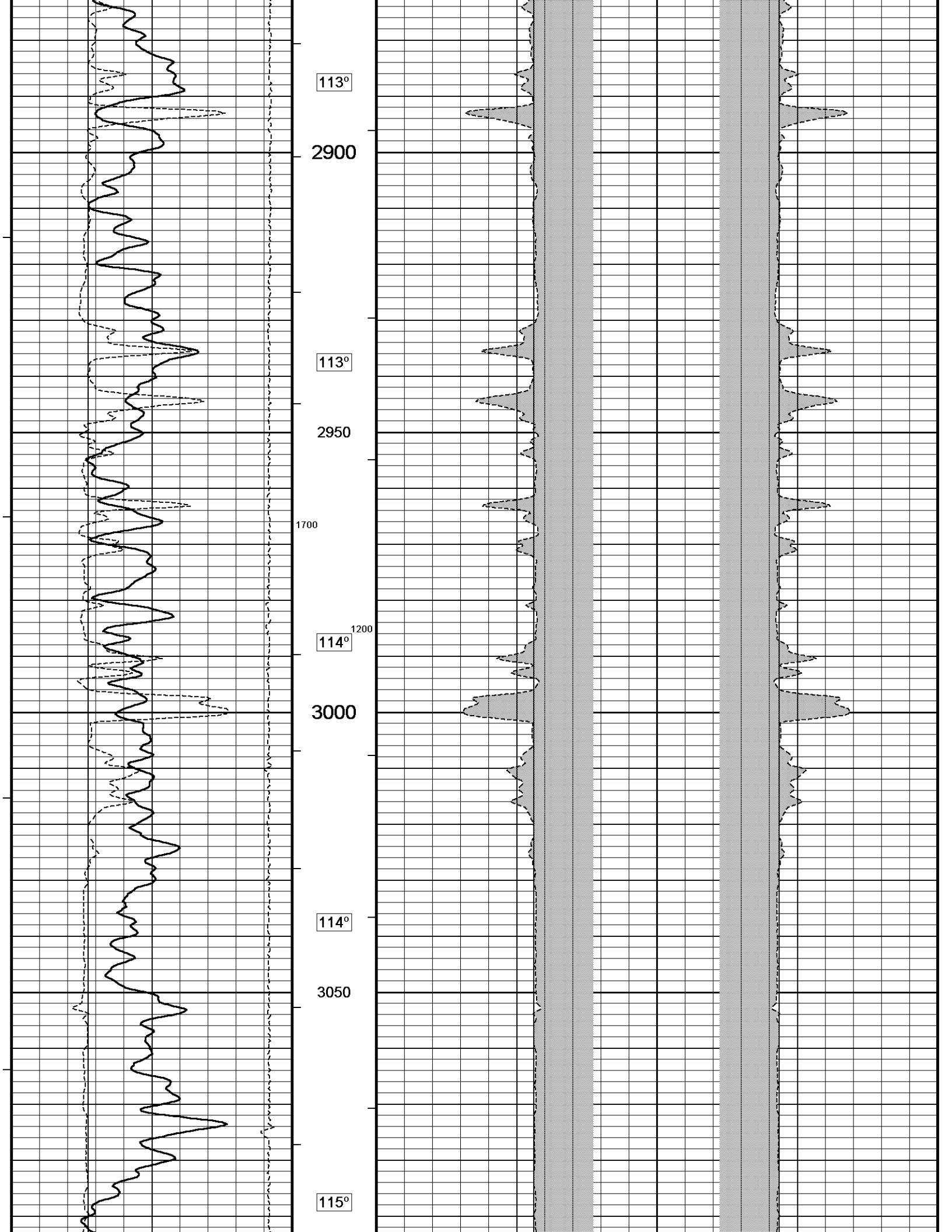


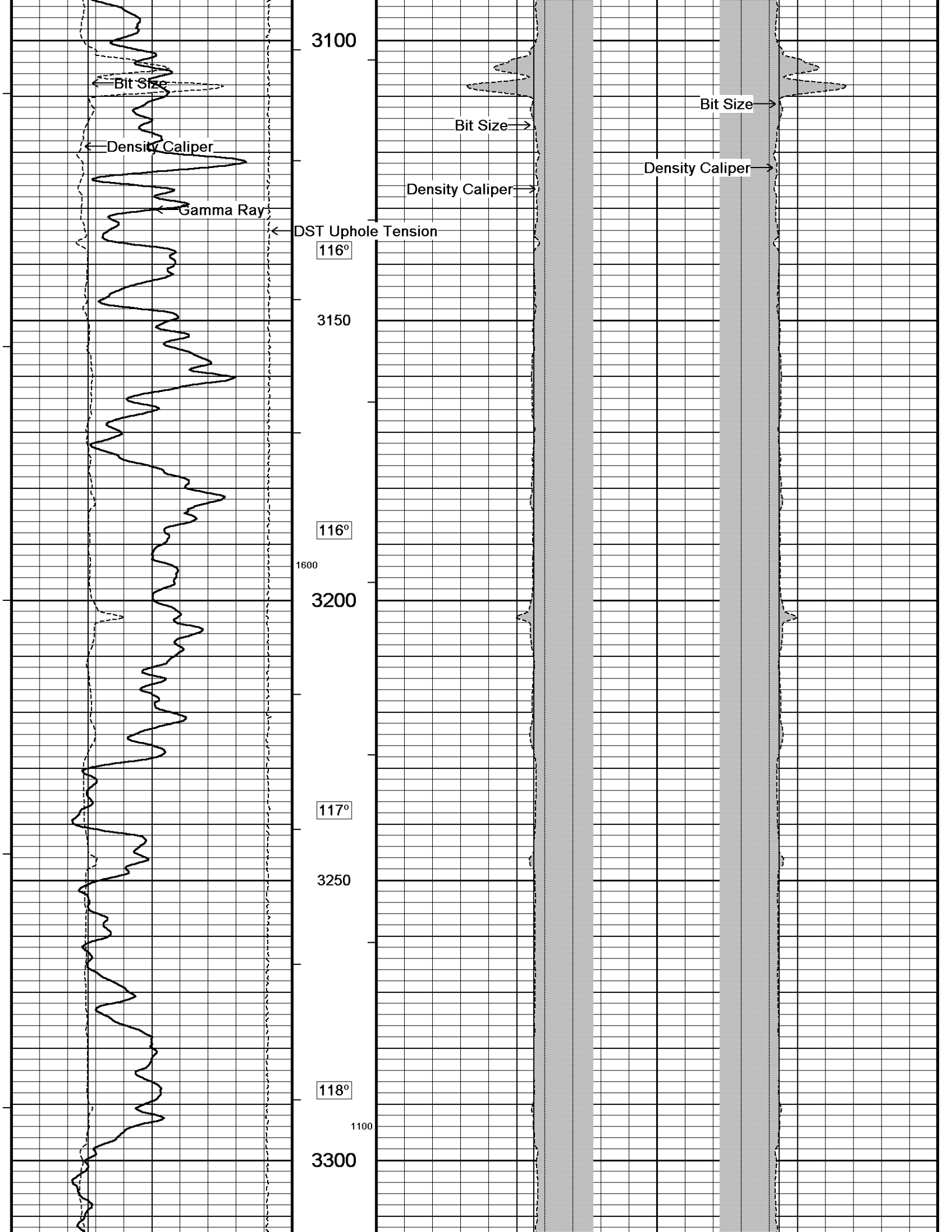


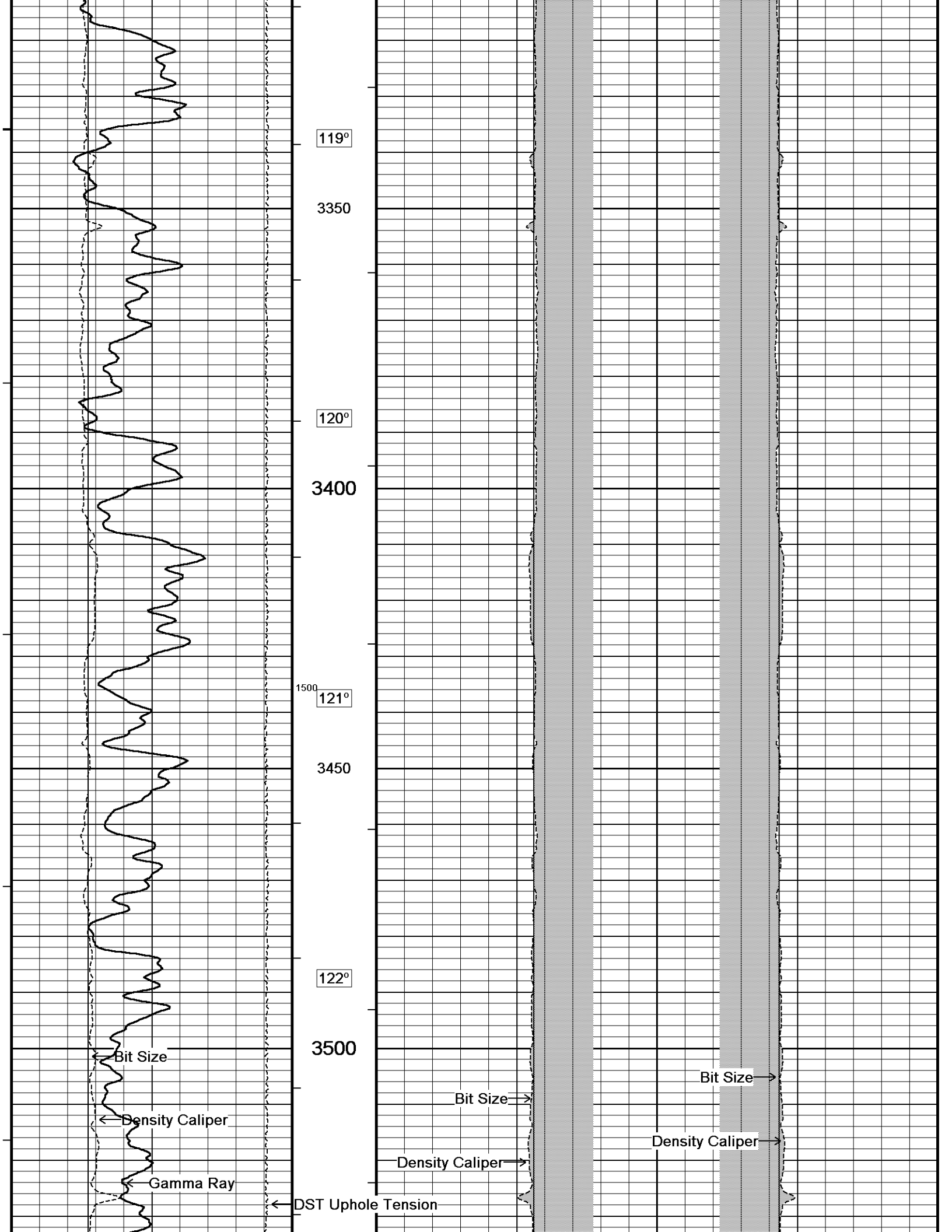


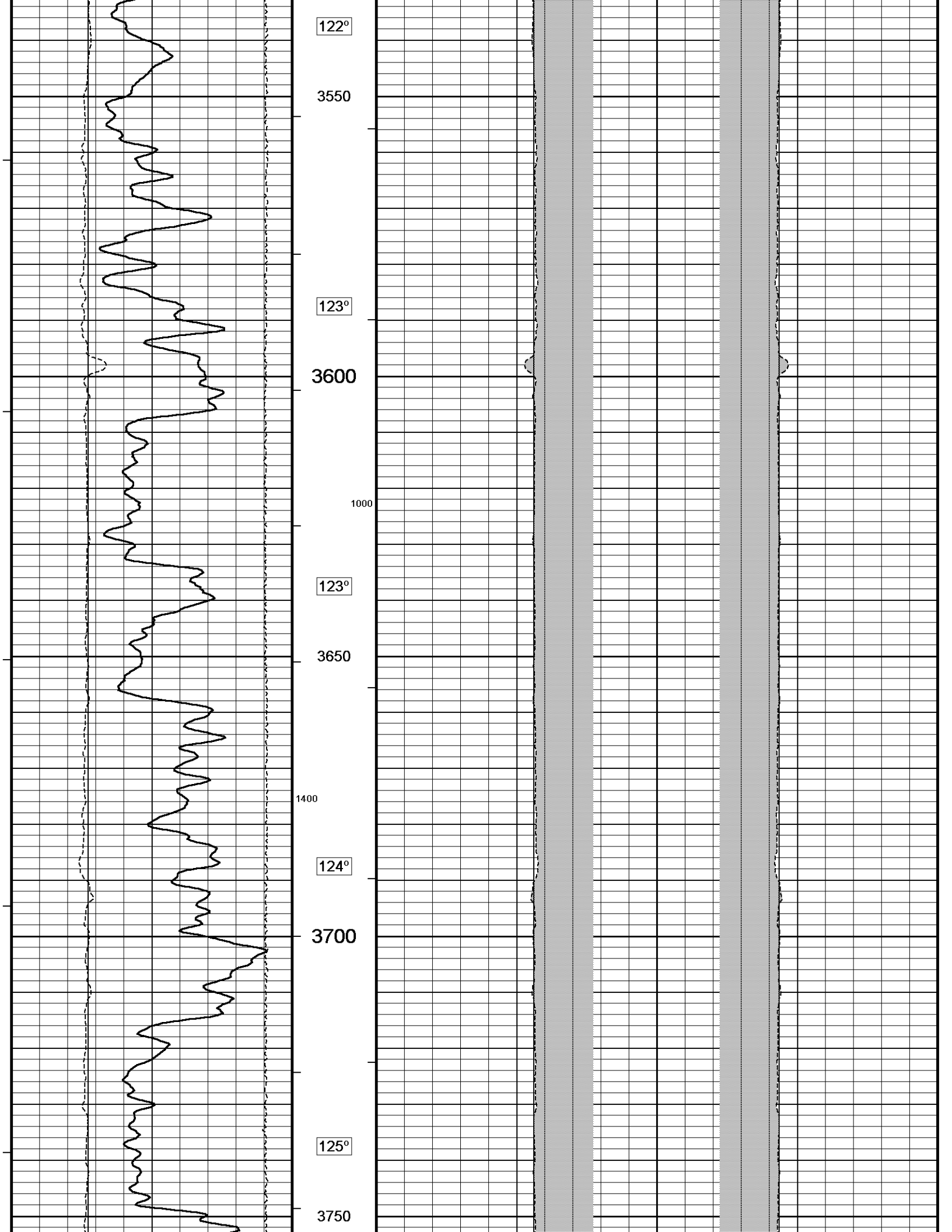


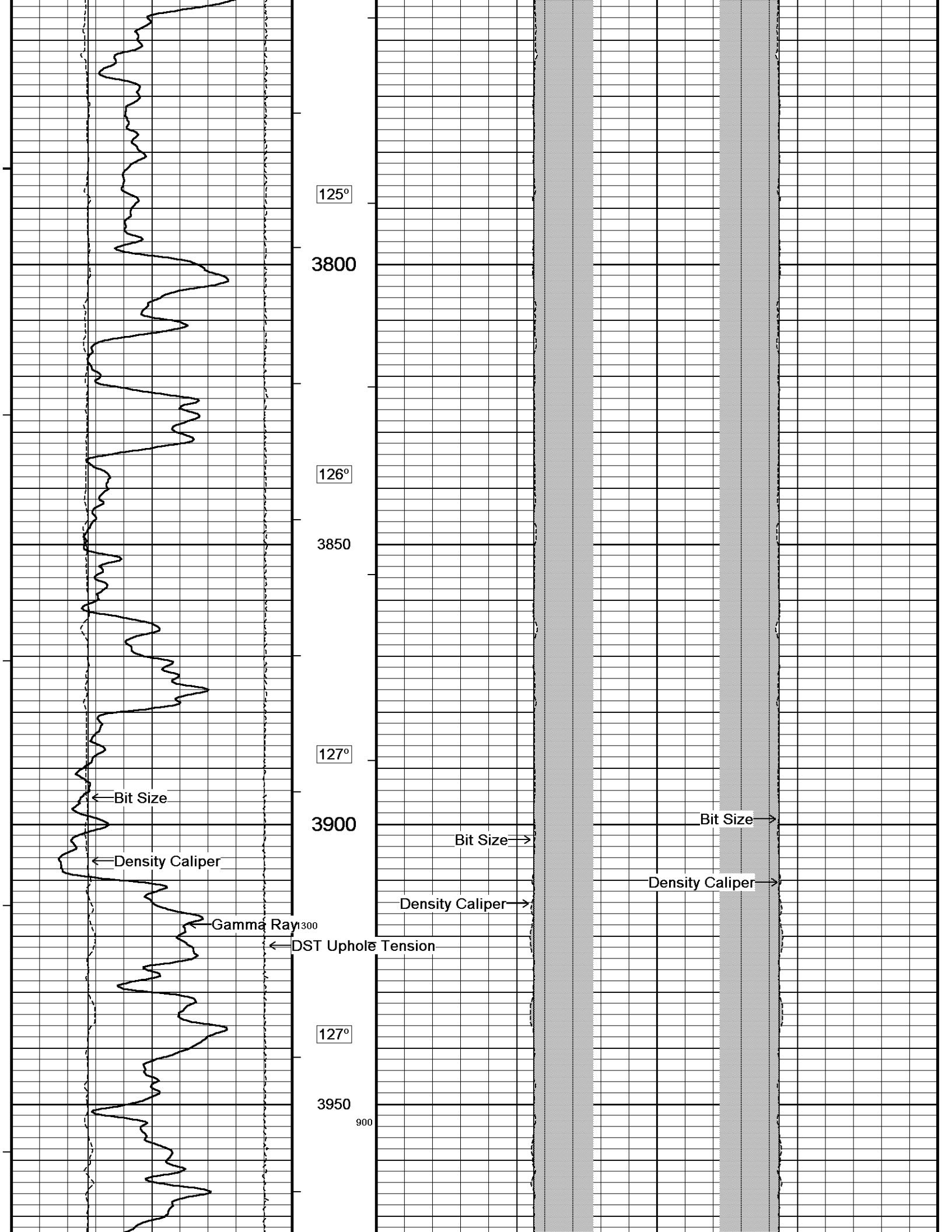


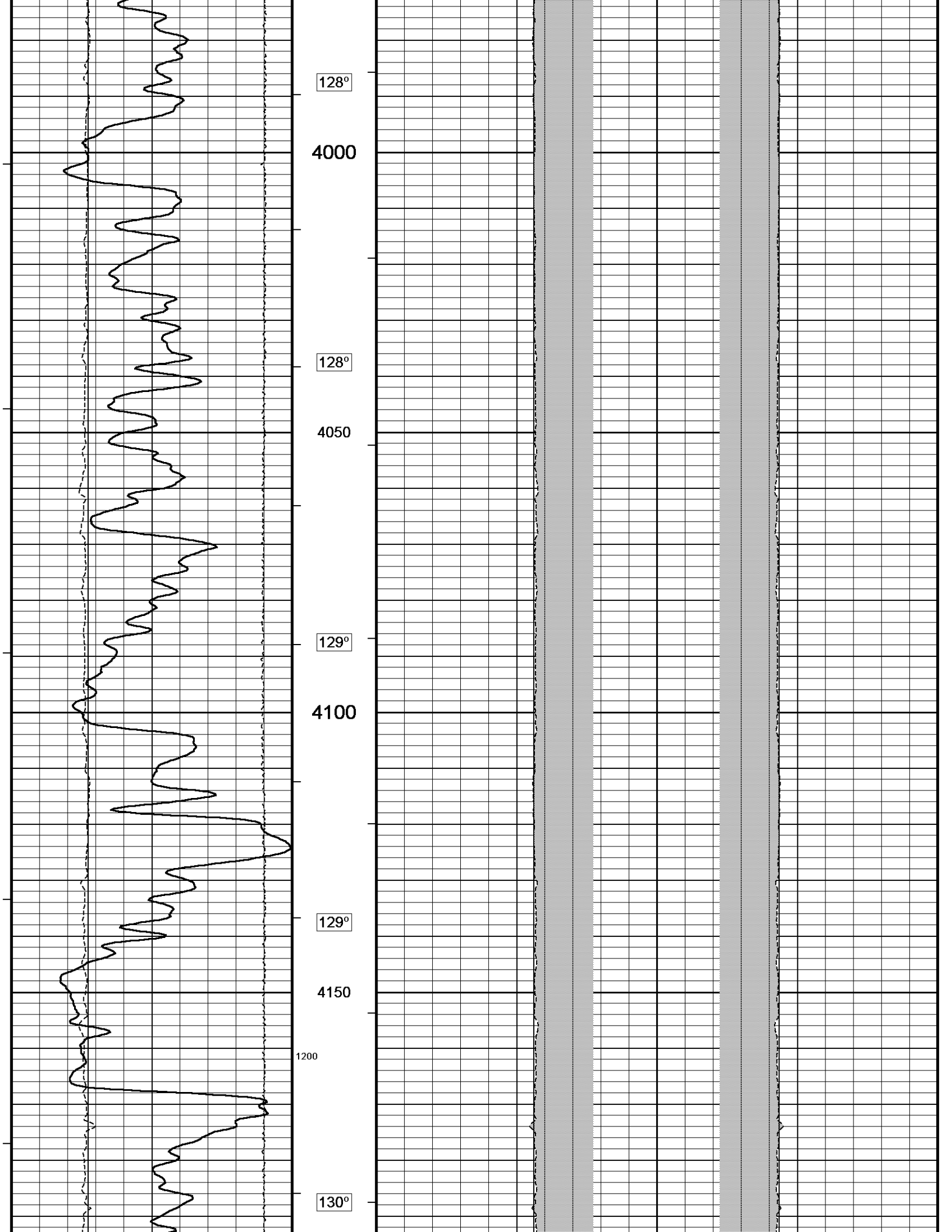


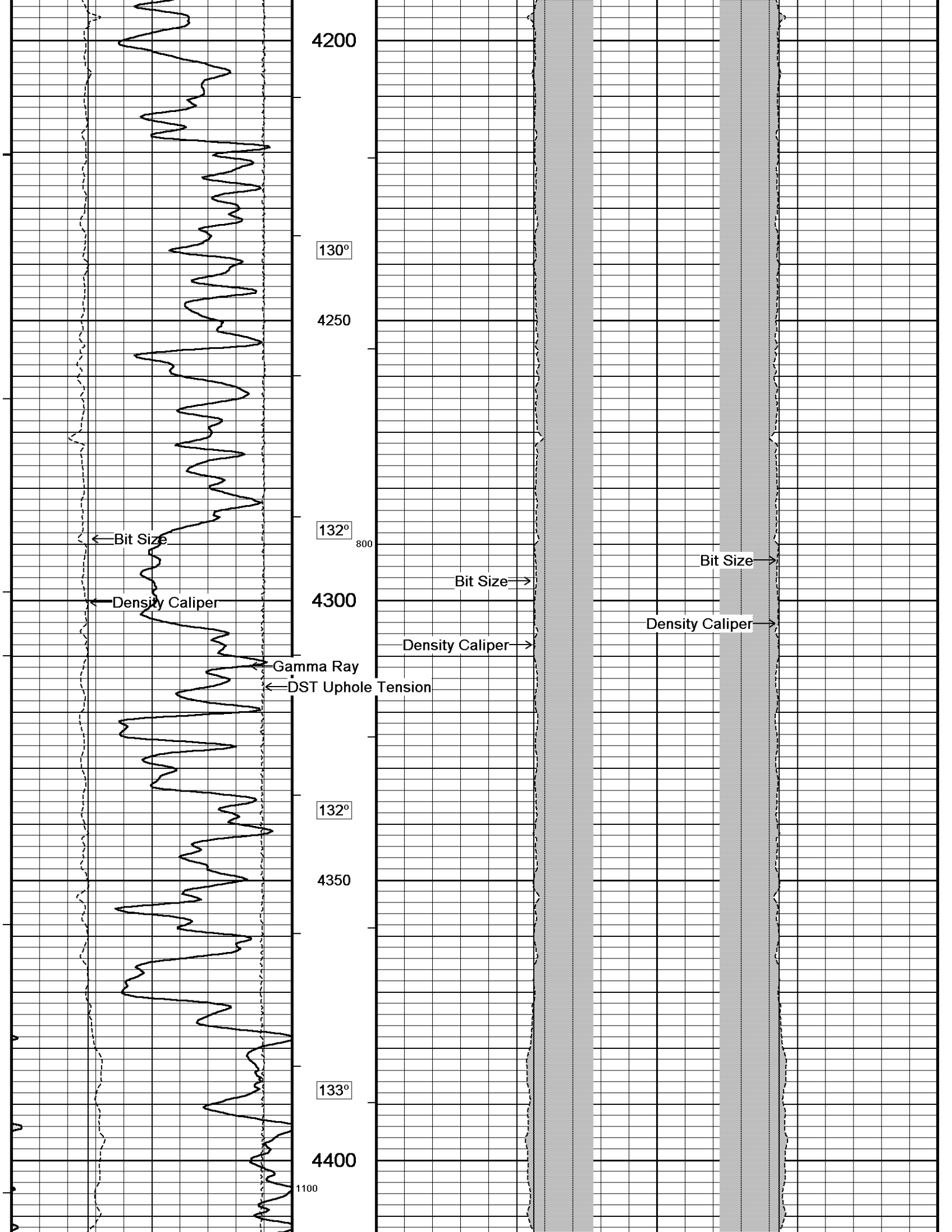


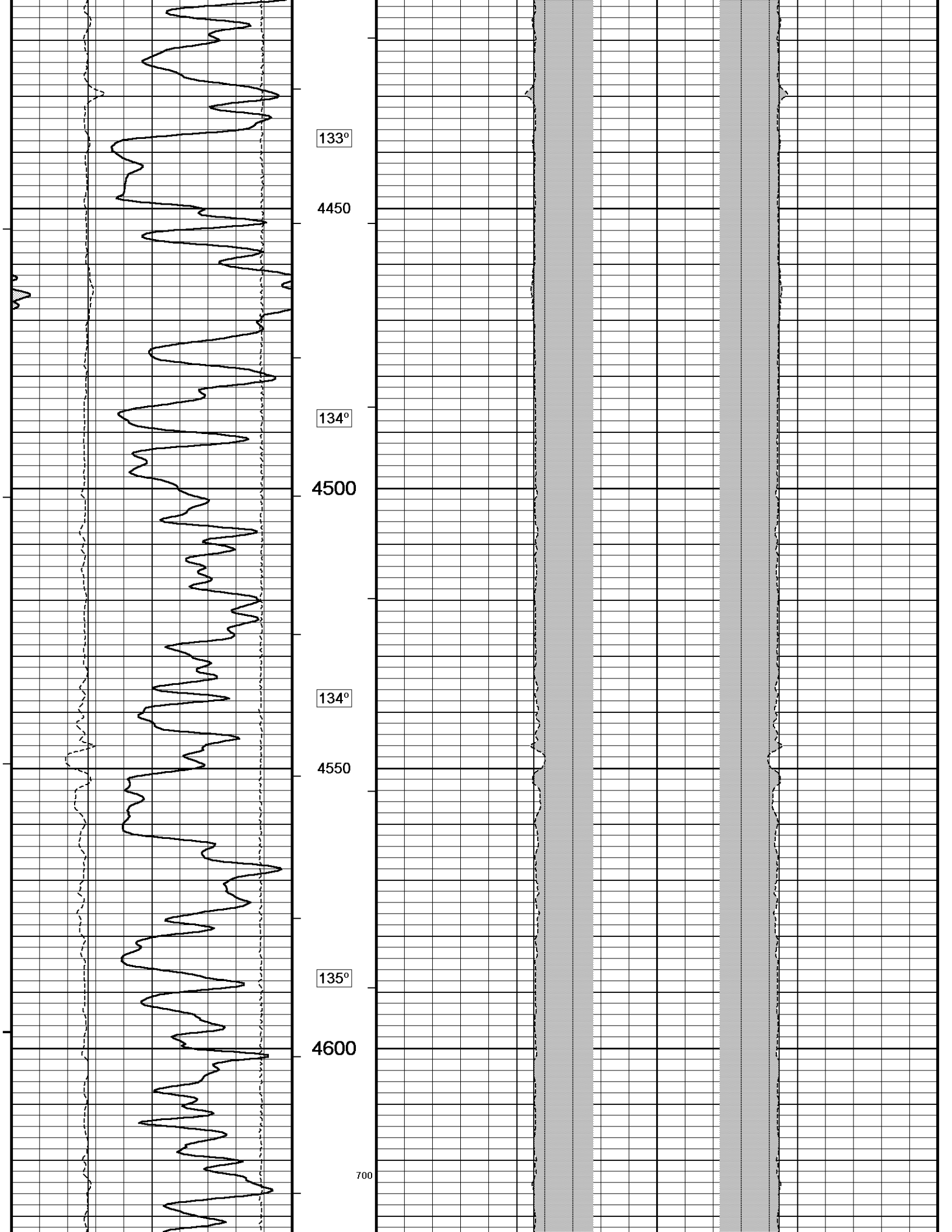


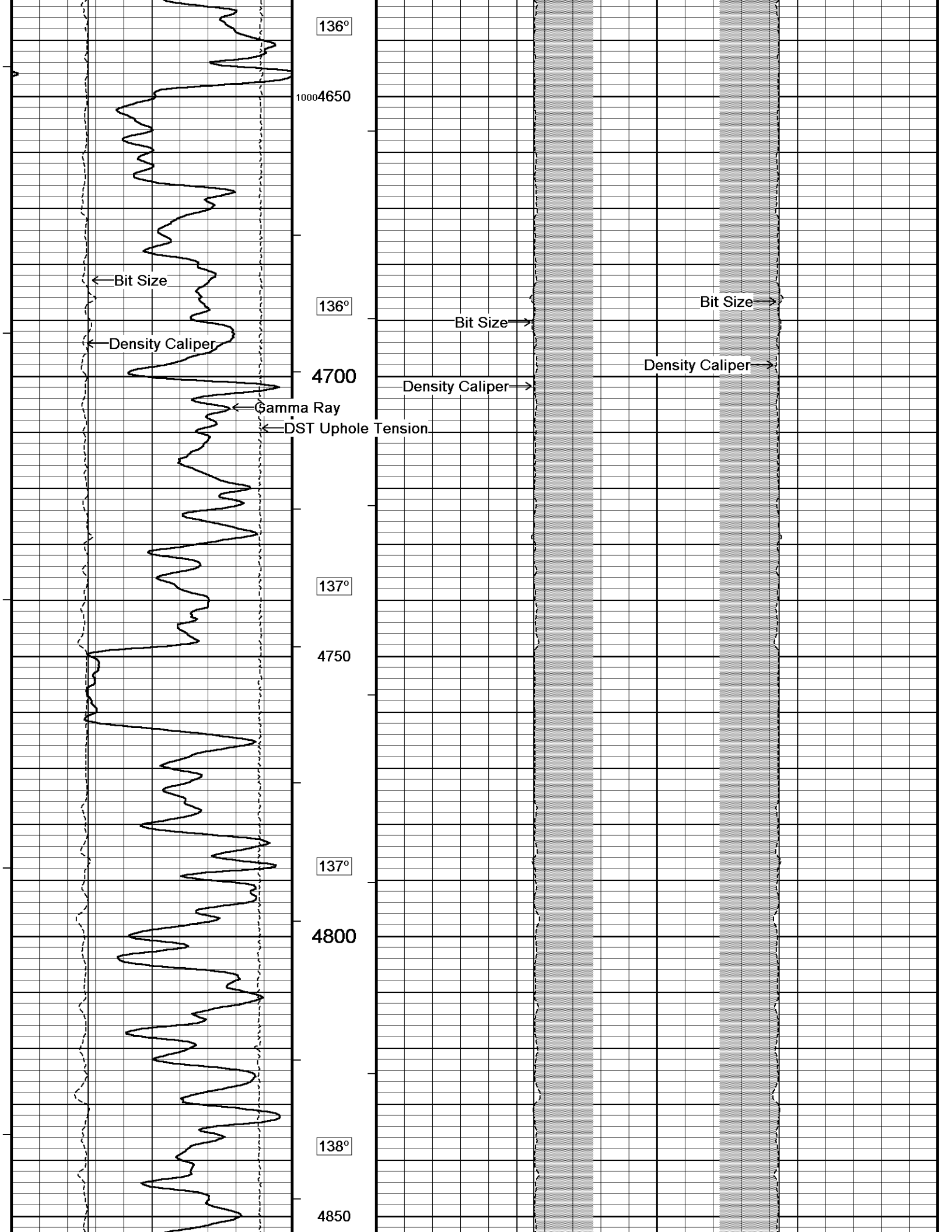


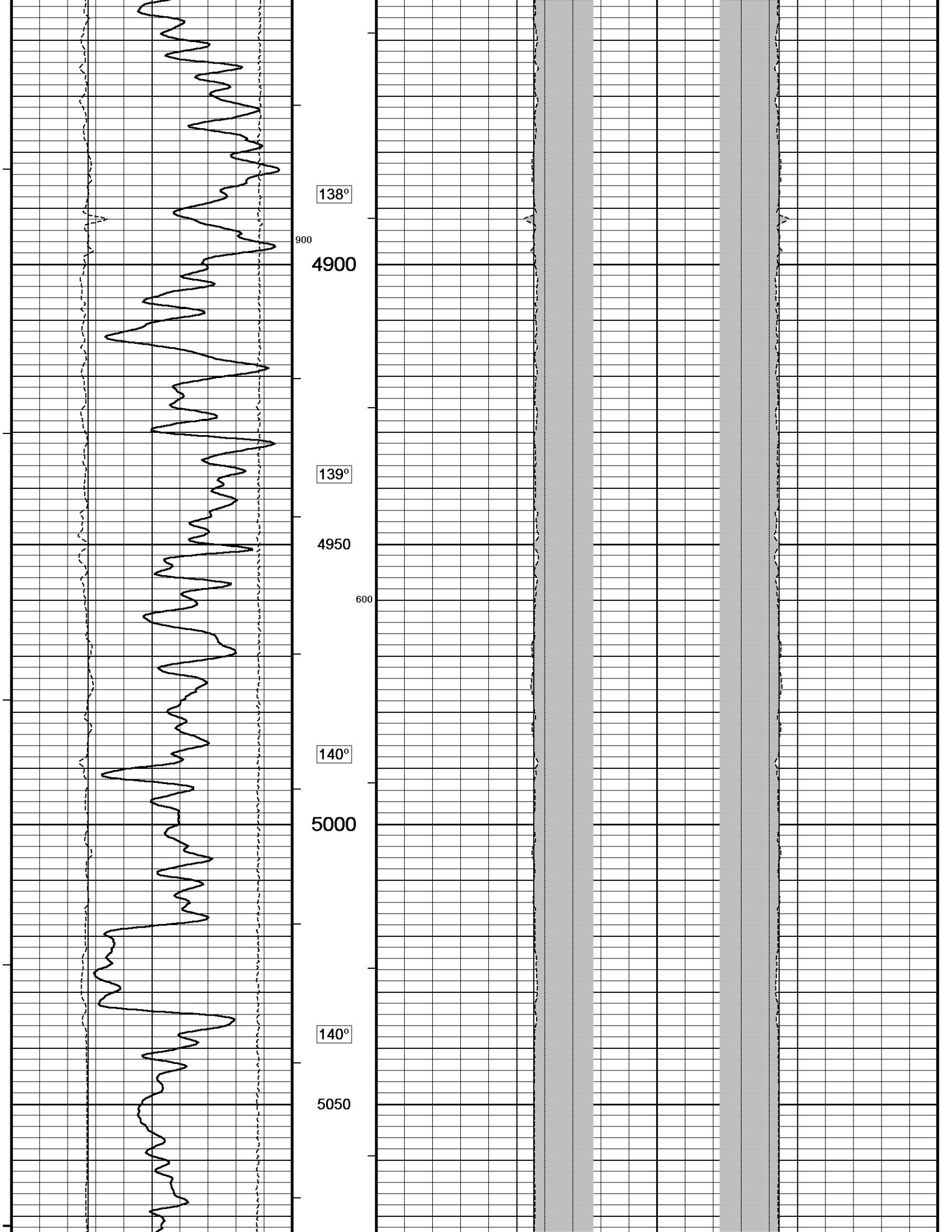


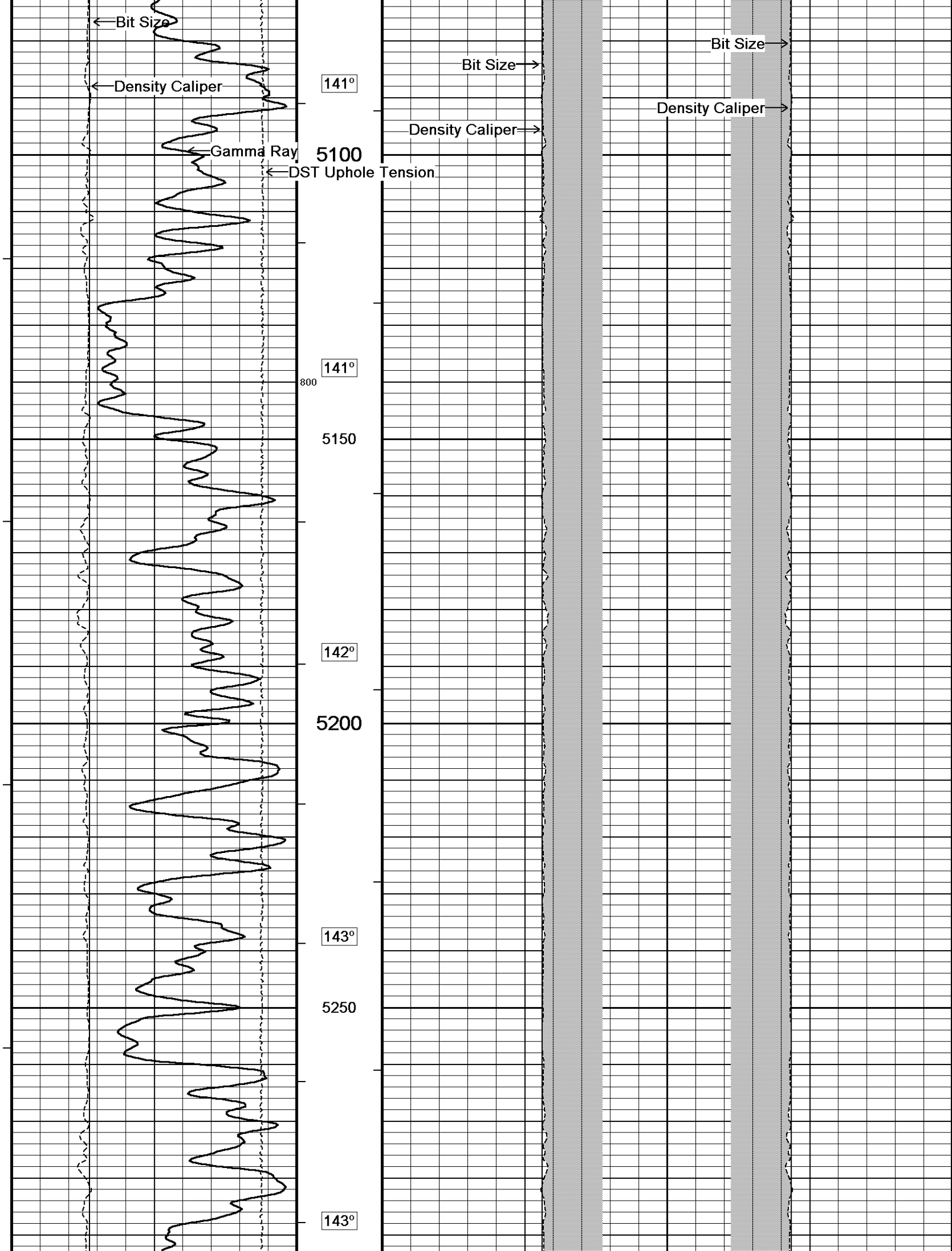


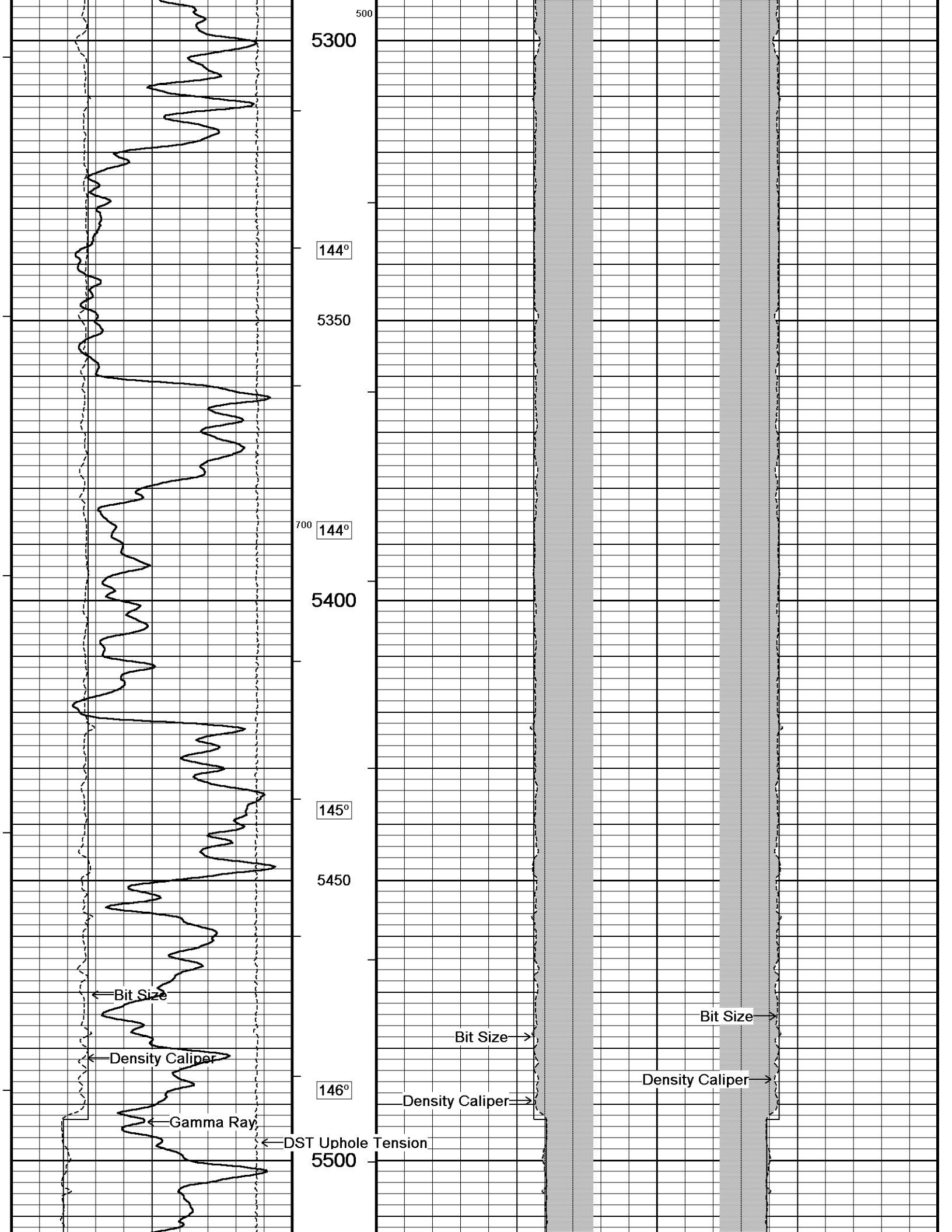


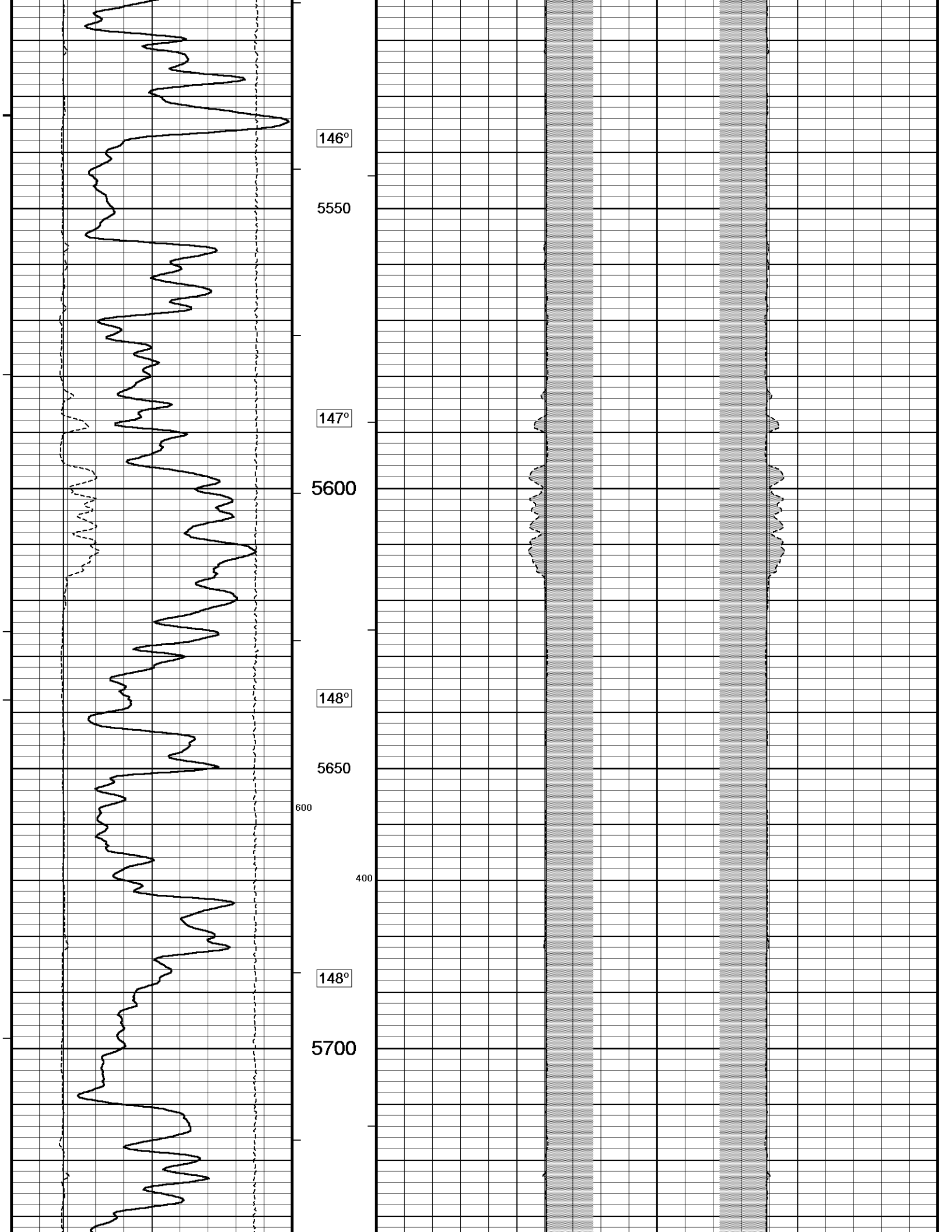


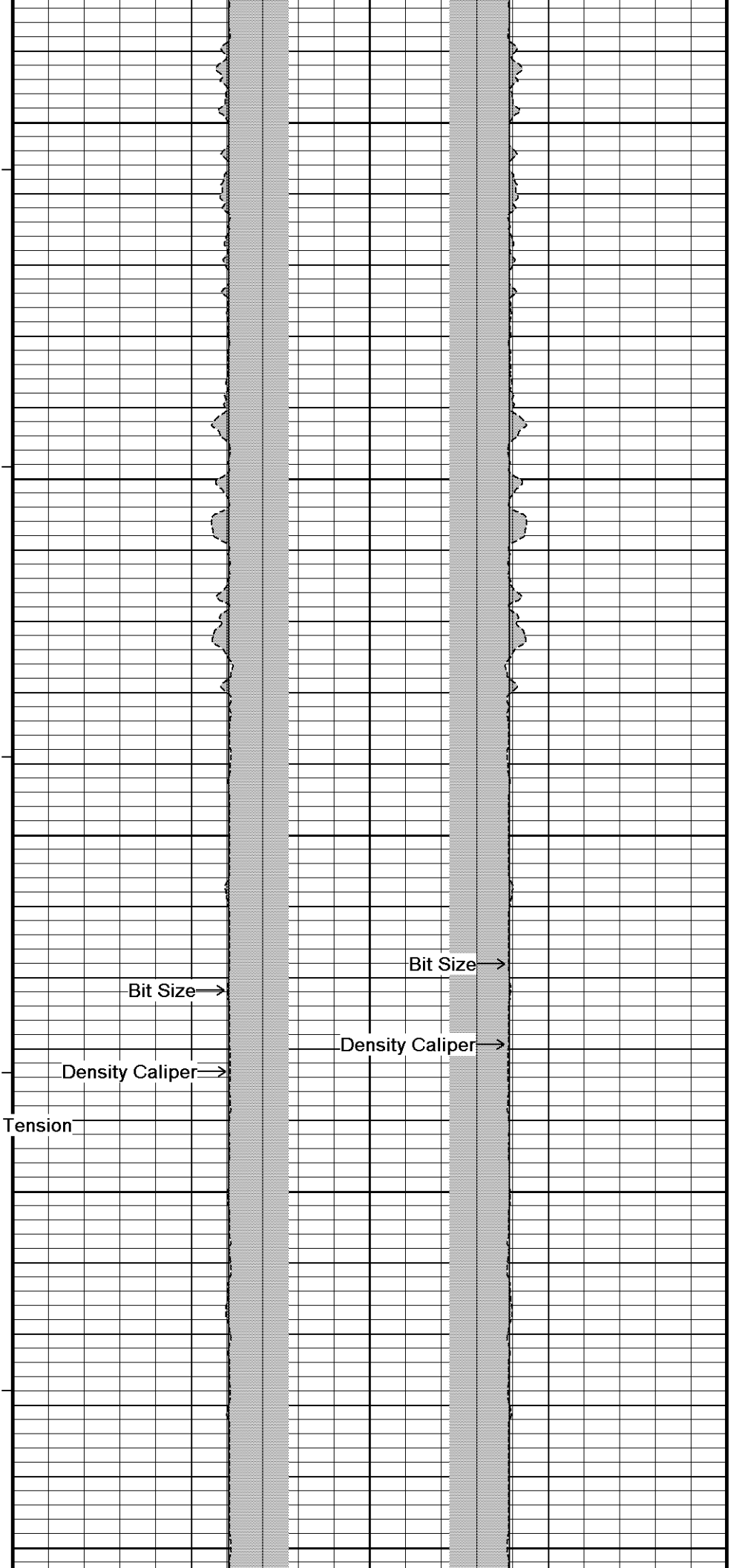
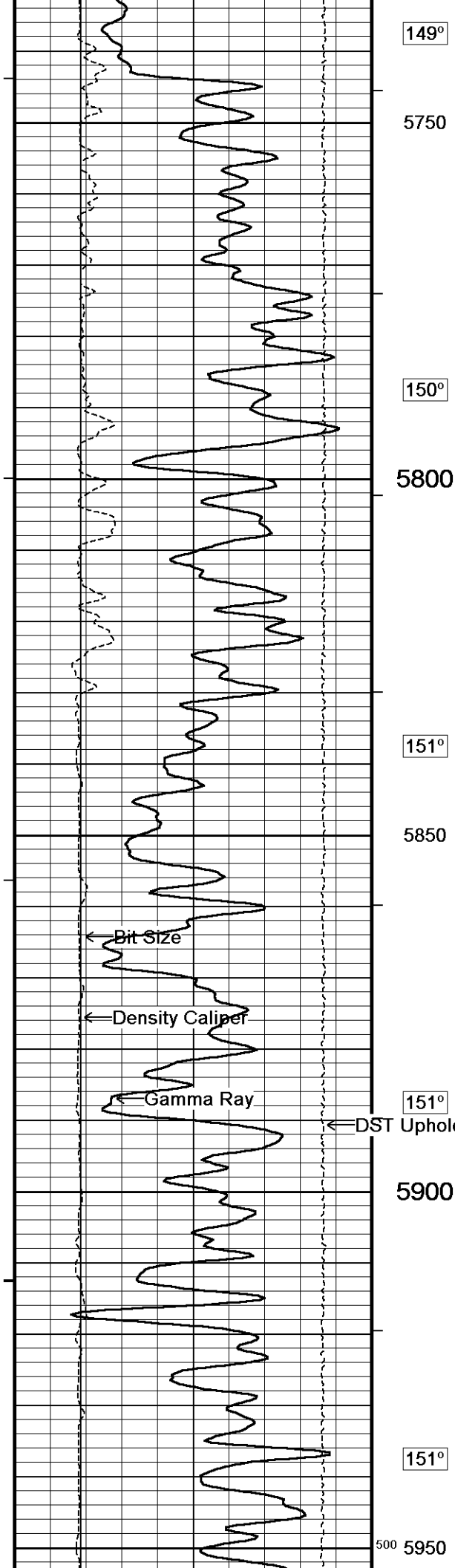


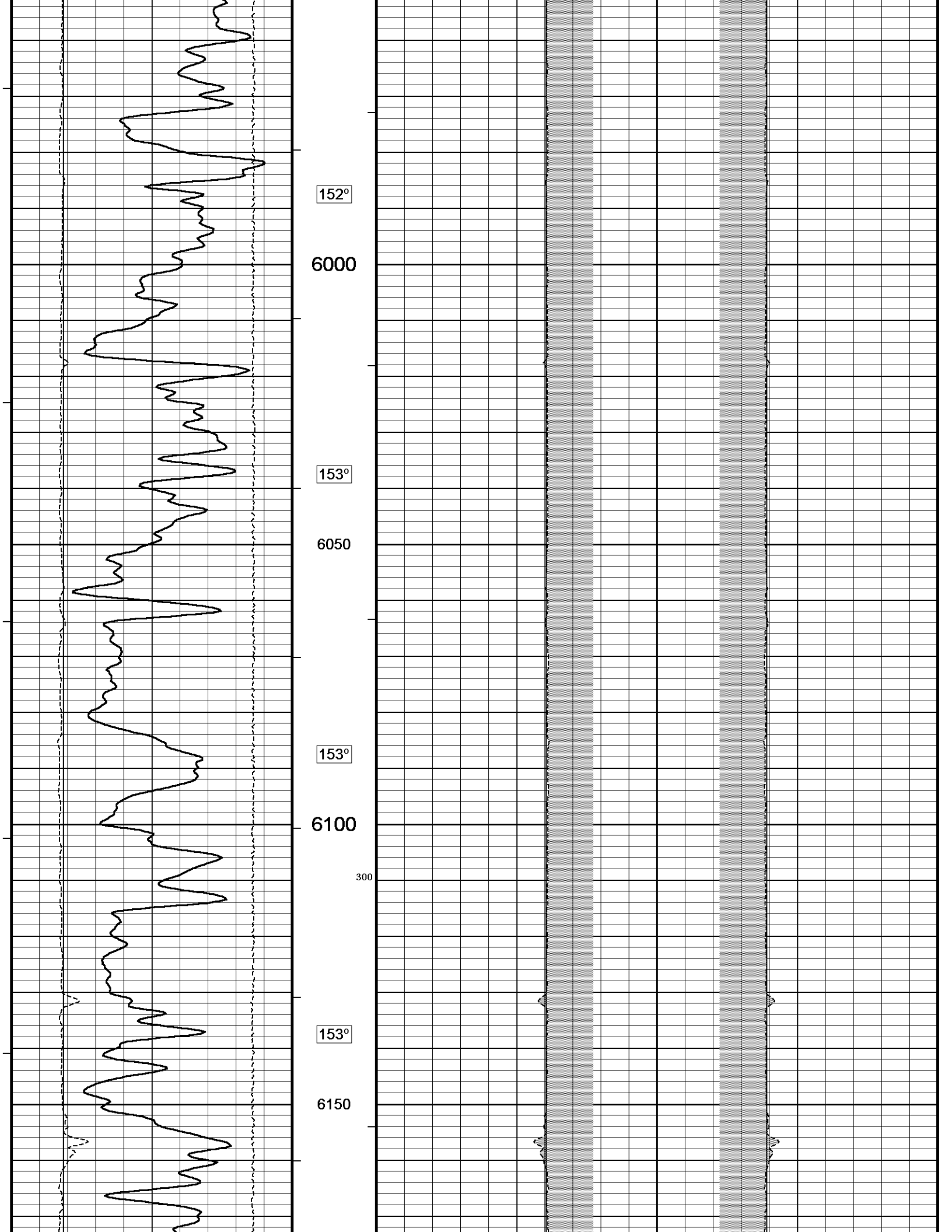


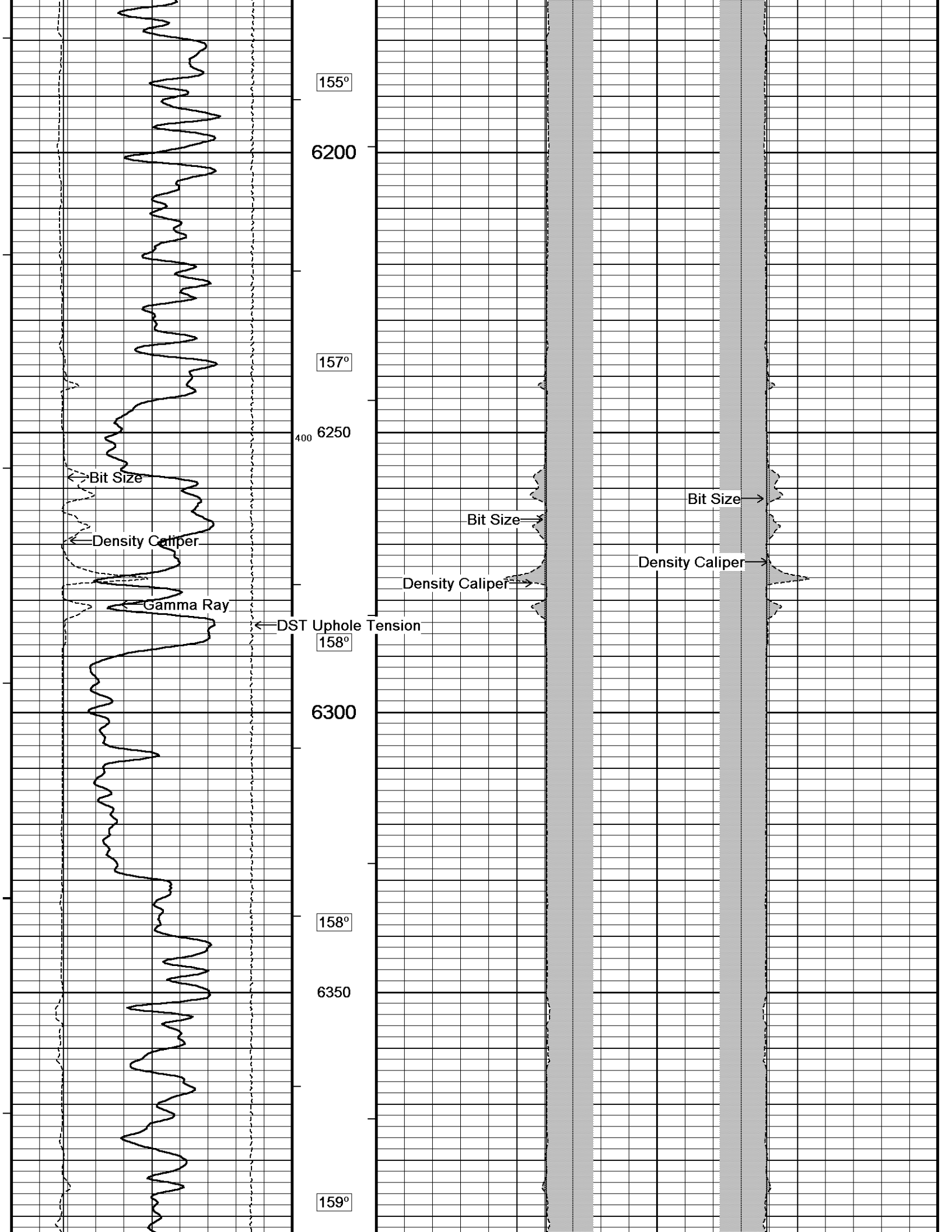


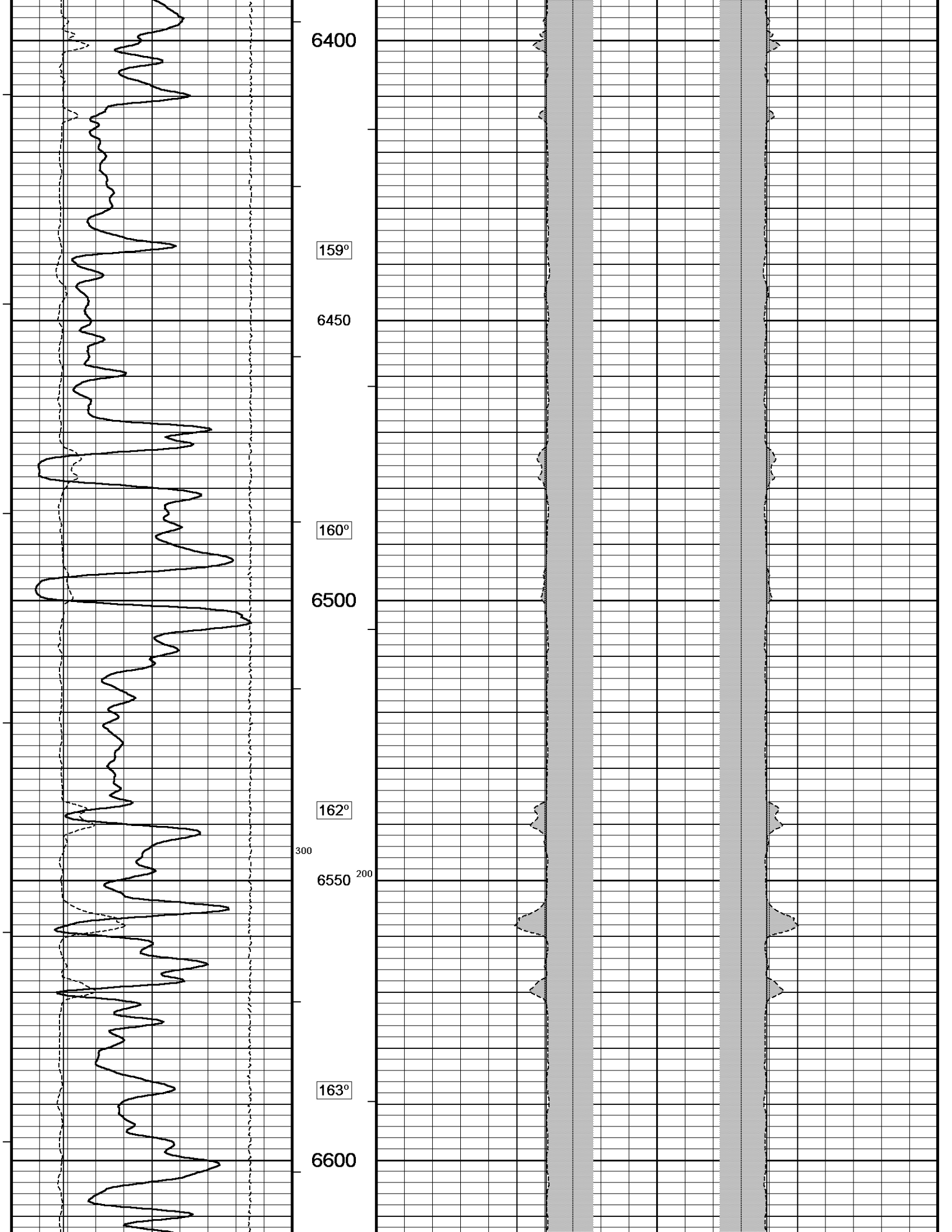


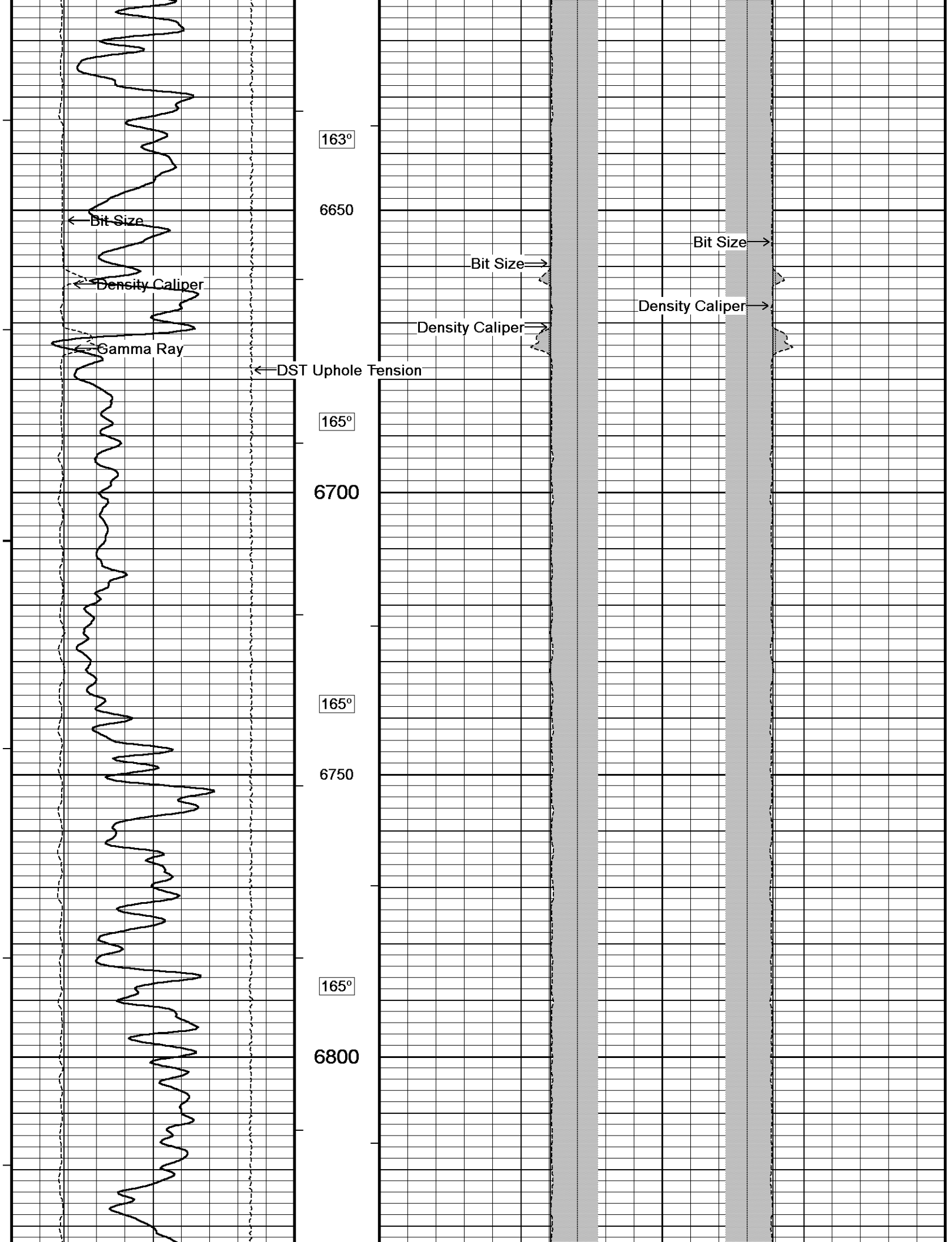


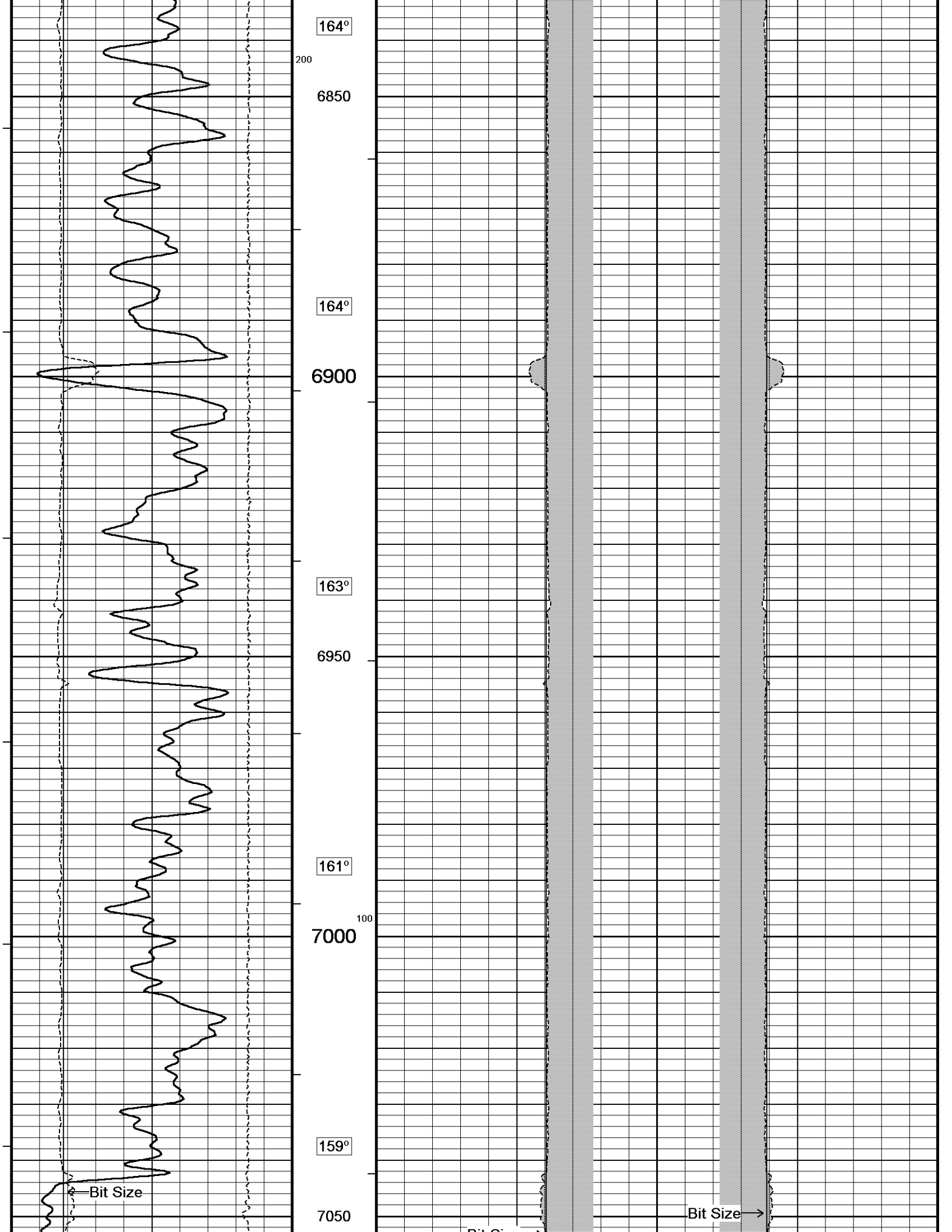


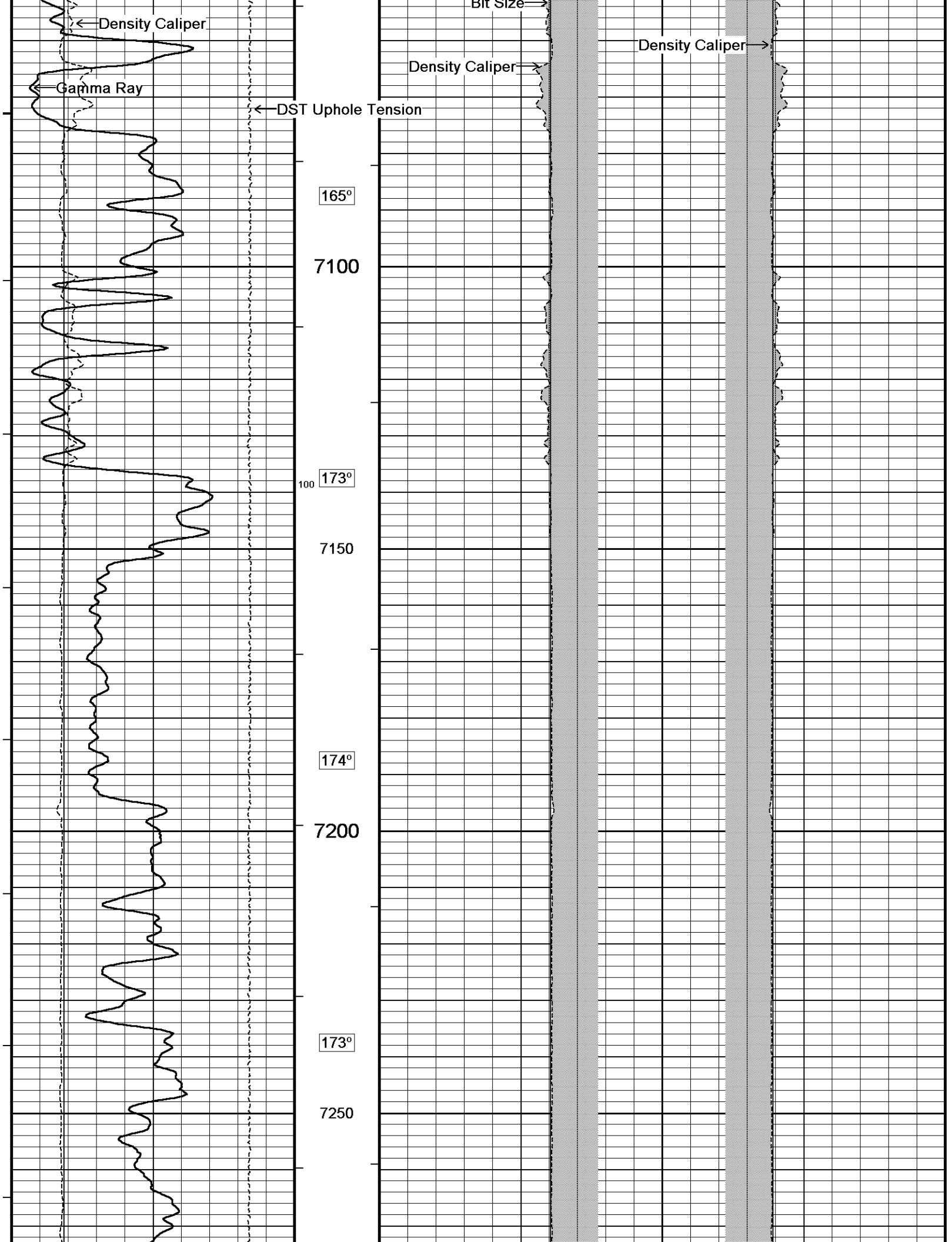


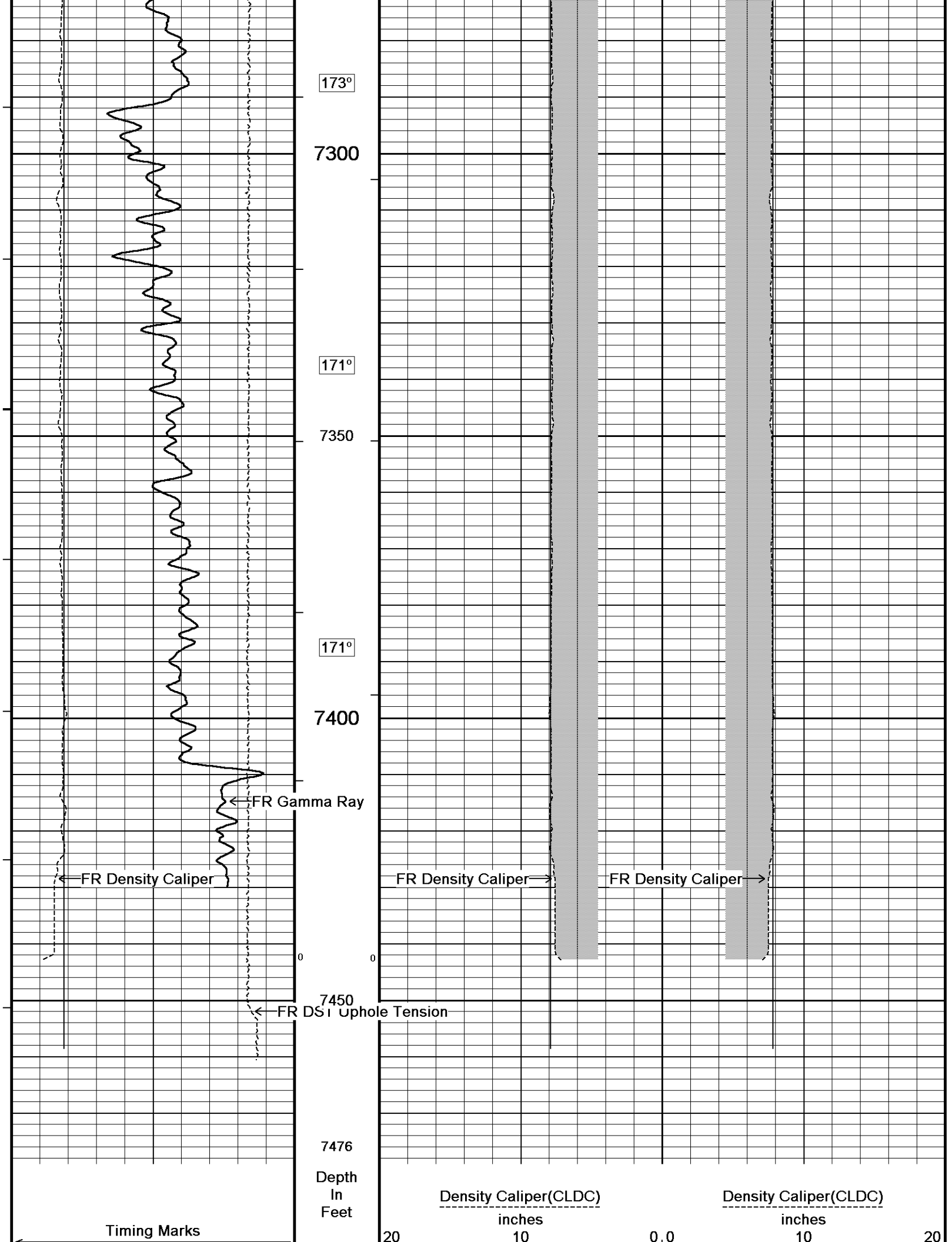












every 60.0 sec

DST Uphole Tension(SMTU)

pounds

10000 5000 0

Borehole
Temp in
deg F

Gamma Ray(GRGC)

API

75

0 150

150 225 300

HVI
every
10 cu ft

Annular
Integral
every
10 cu ft

Replay
Scale
1:240

Bit Size(BIT)

inches

20 10 0 0 10 20

Bit Size(BIT)

inches

Casing Size(CASE)

inches

20 10 0 0 10 20

Casing Size(CASE)

inches

Density Caliper(CLDC)

inches

6 11 16

Bit Size(BIT)

inches

6 11 16

Depth Based Data - Maximum Sampling Increment 10.0cm

Plotted on 20-MAR-2011 13:19

Filename: C:\LOGS\GJ11-034\BBC\MAIN.dta

Recorded on 19-MAR-2011 12:22

System Versions: Logged with 11.02.2782 Processed with 11.01.1914 Plotted with 11.01.1914



5 INCH MAIN LOG



DOWNHOLE EQUIPMENT

C:\LOGS\GJ11-034\BBC\SONDE PICTURE.dta

SHA-J.A Compact Swivel Head Adaptor

SHA-J.A 316 LG: 2.30 ft WT: 22.0 lb OD: 2.24 in

Compact Comms Gamma

MCG-D.J 422 LG: 8.70 ft WT: 63.9 lb OD: 2.24 in

Compact Neutron

MDN-B.A 216 LG: 5.04 ft WT: 50.7 lb OD: 2.24 in

Compact Density/Caliper

MPD-B 157 LG: 9.59 ft WT: 90.4 lb OD: 2.45 in

SKJ-D.A Compact Knuckle Joint

SKJ-D.A 115 LG: 2.17 ft WT: 24.3 lb OD: 2.24 in

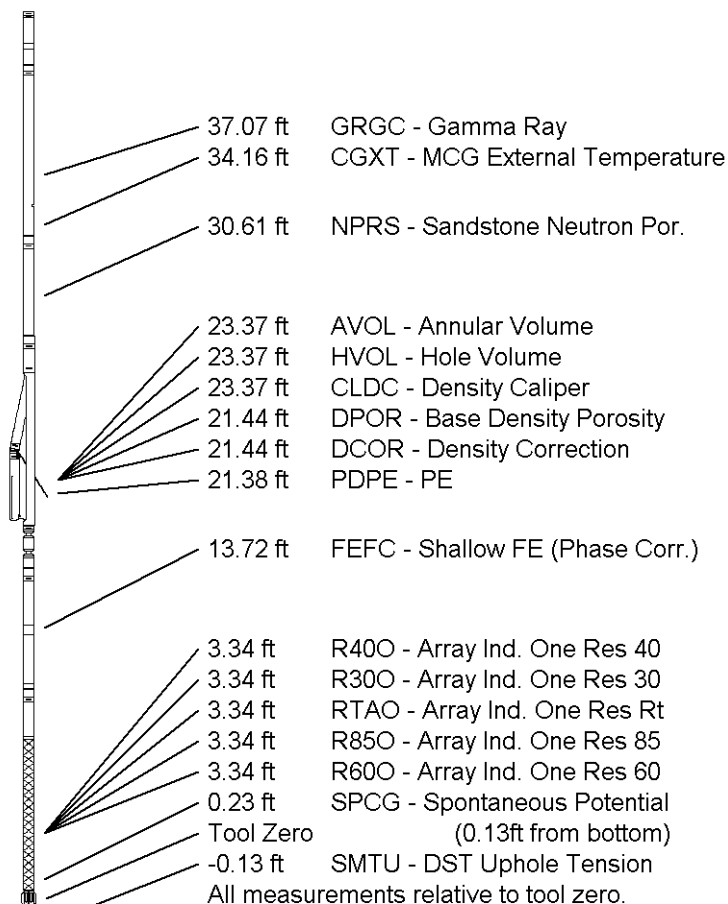
Compact Focussed Electric

MFE-B.J 313 LG: 6.05 ft WT: 48.5 lb OD: 2.24 in

Compact Induction


MAI-B.A 286 LG: 10.81 ft WT: 48.5 lb OD: 2.24 in

Total Length: 44.66 ft Weight: 348.3 lb



COMPANY	BILL BARRETT CORPORATION		
WELL	GGU FEDERAL 31B-29-691		
FIELD	GIBSON GULCH		
PROVINCE/COUNTY	GARFIELD		
COUNTRY/STATE	U.S.A. / COLORADO		

Elevation Kelly Bushing	6127.00	feet	First Reading	7428.00	
Elevation Drill Floor		feet	Depth Driller	7453.00	feet
Elevation Ground Level	6104.00	feet	Depth Logger	7450.00	feet



HOLE VOLUME

CALIPER

LOG