



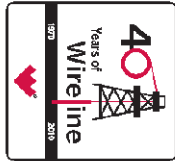
Weatherford

HOLE VOLUME

CALIPER

LOG

COMPANY **BILL BARRETT CORPORATION**
 WELL **GGU MILLER 14C-31-691**
 FIELD **GIBSON GULCH**
 PROVINCE/COUNTY **GARFIELD**
 COUNTRY/STATE **U.S.A. / COLORADO**
 LOCATION **SHL: 1579' FSL & 1359' FWL**
BHL: 815' FSL & 665' FWL



SEC **TWP** **RGE** Other Services
6S **91W** **MPD/MDN**
 API Number **05-045-19508** **MAI/MFE**
 Permit Number

Permanent Datum G.L., Elevation 6029 feet
 Log Measured From K.B. @ 16 FEET above Permanent Datum
 Drilling Measured From K.B.

Elevations: **feet**
 KB **6045.00**
 DF **6044.00**
 GL **6029.00**

Date	14-APR-2011	
Run Number	ONE	
Depth Driller	7120.00	feet
Depth Logger	7118.00	feet
First Reading	7094.00	
Last Reading	743.00	
Casing Driller	735.00	feet
Casing Logger	743.00	feet
Bit Size	7.875	inches
Hole Fluid Type	LSND	
Density / Viscosity	11.45 lb/USg	49.00 CP
PH / Fluid Loss	10.10	10.80 ml/30Min
Sample Source	FLOW LINE	
Rm @ Measured Temp	1.64 @ 57.7	ohm-m
Rmf @ Measured Temp	1.31 @ 57.7	ohm-m
Rmc @ Measured Temp	1.97 @ 57.7	ohm-m
Source Rmf / Rmc	CALC	CALC
Rm @ BHT	0.61 @162.0	ohm-m
Time Since Circulation	8 HOURS	
Max Recorded Temp	164.00	deg F
Equipment Name	COMPACT	
Equipment / Base	13037	RK SPR
Recorded By	W. HANKS	
Witnessed By	R. WIRTH	

BOREHOLE RECORD

Last Edited: 14-APR-2011 16:30

Bit Size inches	Depth From feet	Depth To feet
8.750	764.00	5494.00
7.875	5494.00	7575.00

CASING RECORD

Type	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft
SURFACE	9.625	0.00	764.00	36.00

REMARKS

SOFTWARE VERSION: WLS 11.02.3186

TOOLS: SHA, MCG, MDN, MPD, SKJ, MFE, AND MAI RAN IN COMBINATION

HARDWARE: MPD: (1) 8 INCH PROFILE PLATE
 MAI: (2) 1 INCH STANDOFF
 MFE: (1) 1 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.

TOTAL HOLE VOLUME FROM TD TO SURFACE CASING = 2963 CU.FT.

ANNULAR VOLUME WITH 4.5 INCH PRODUCTION CASING = 2259 CU.FT.

ENGINEER(S): W. HANKS

OPERATOR(S): D. SMITH

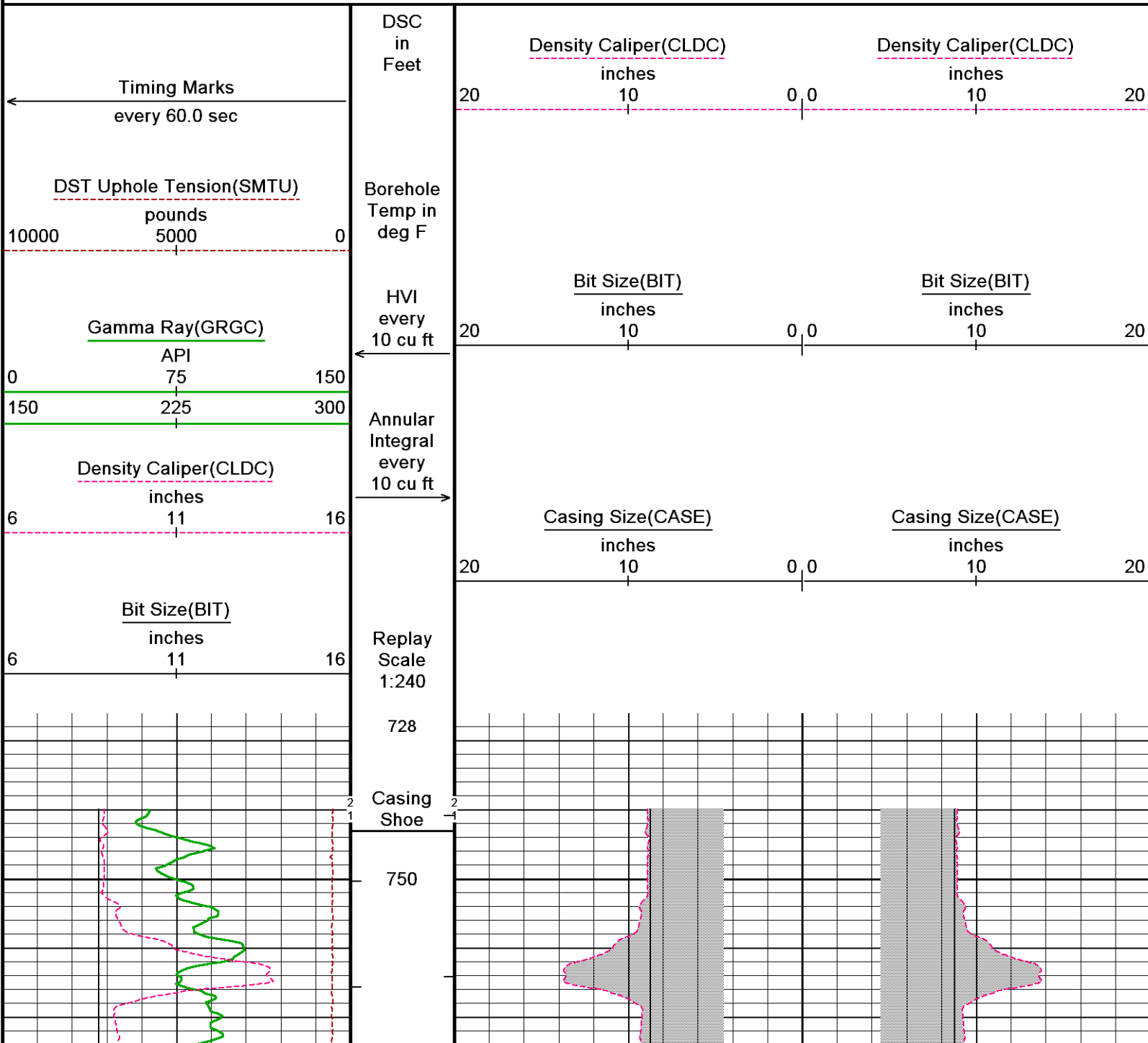
SERVICE ORDER: #3526694

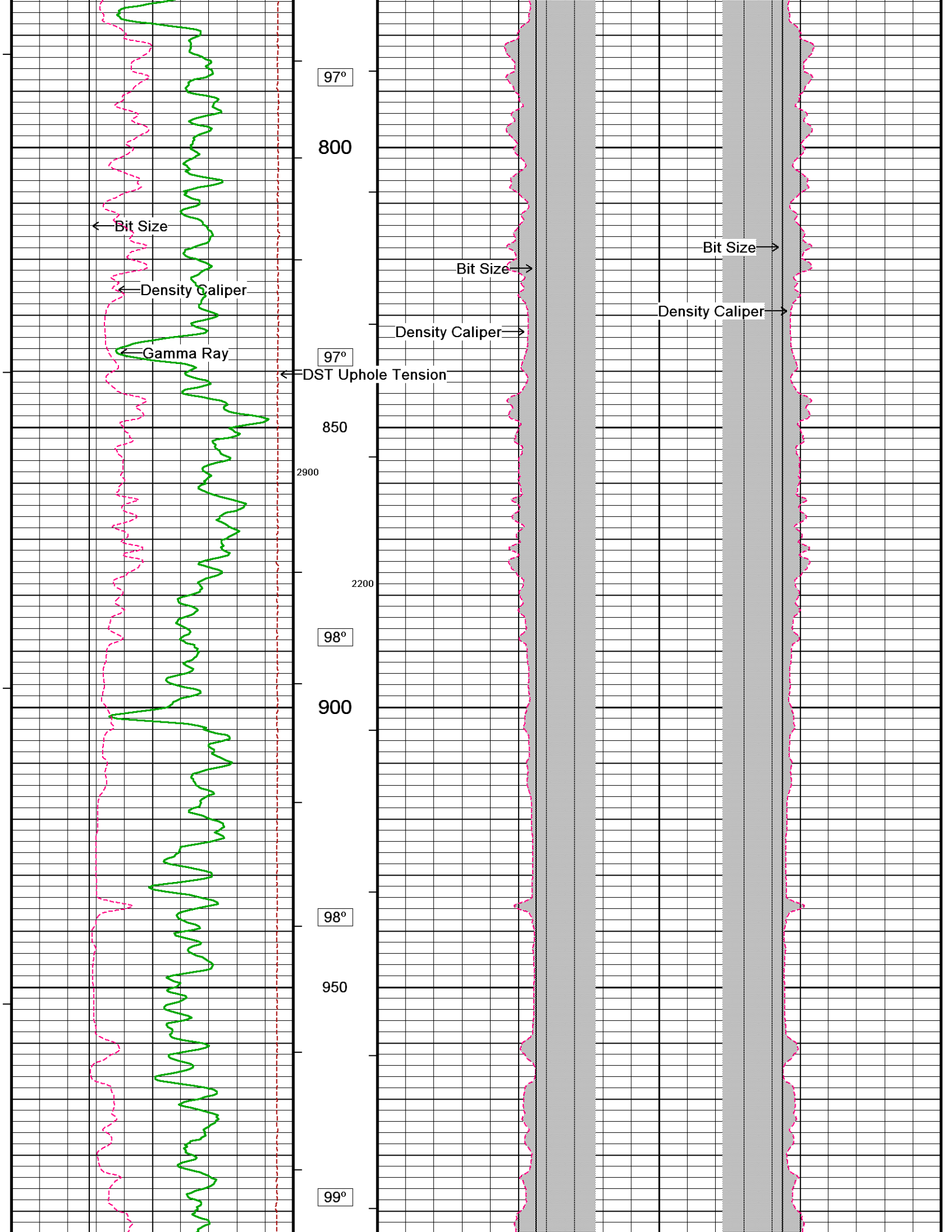
RIG: PATTERSON #51

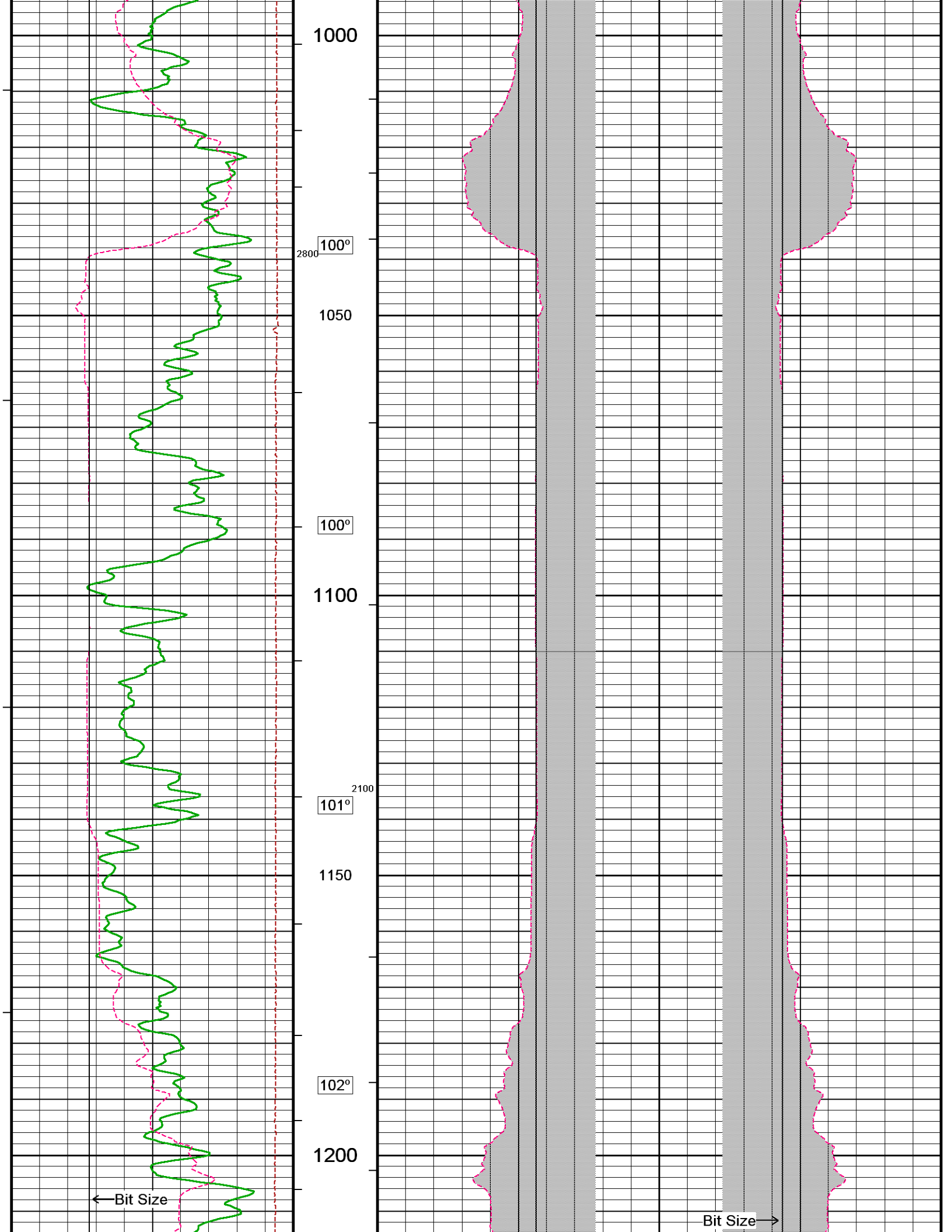
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs,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

5 INCH MAIN LOG

Depth Based Data - Maximum Sampling Increment 10.0cm
 Plotted on 15-APR-2011 13:14
 Filename: C:\DOCUME~1\rodgerbx\LOCALS~1\TempW...Bill Barrett GGU Miller 14C-31-691_003.dta
 Recorded on 14-APR-2011 19:14
 System Versions: Logged with 11.02.3186 Plotted with 11.02.2164







1000

2800 100°

1050

100°

1100

2100 101°

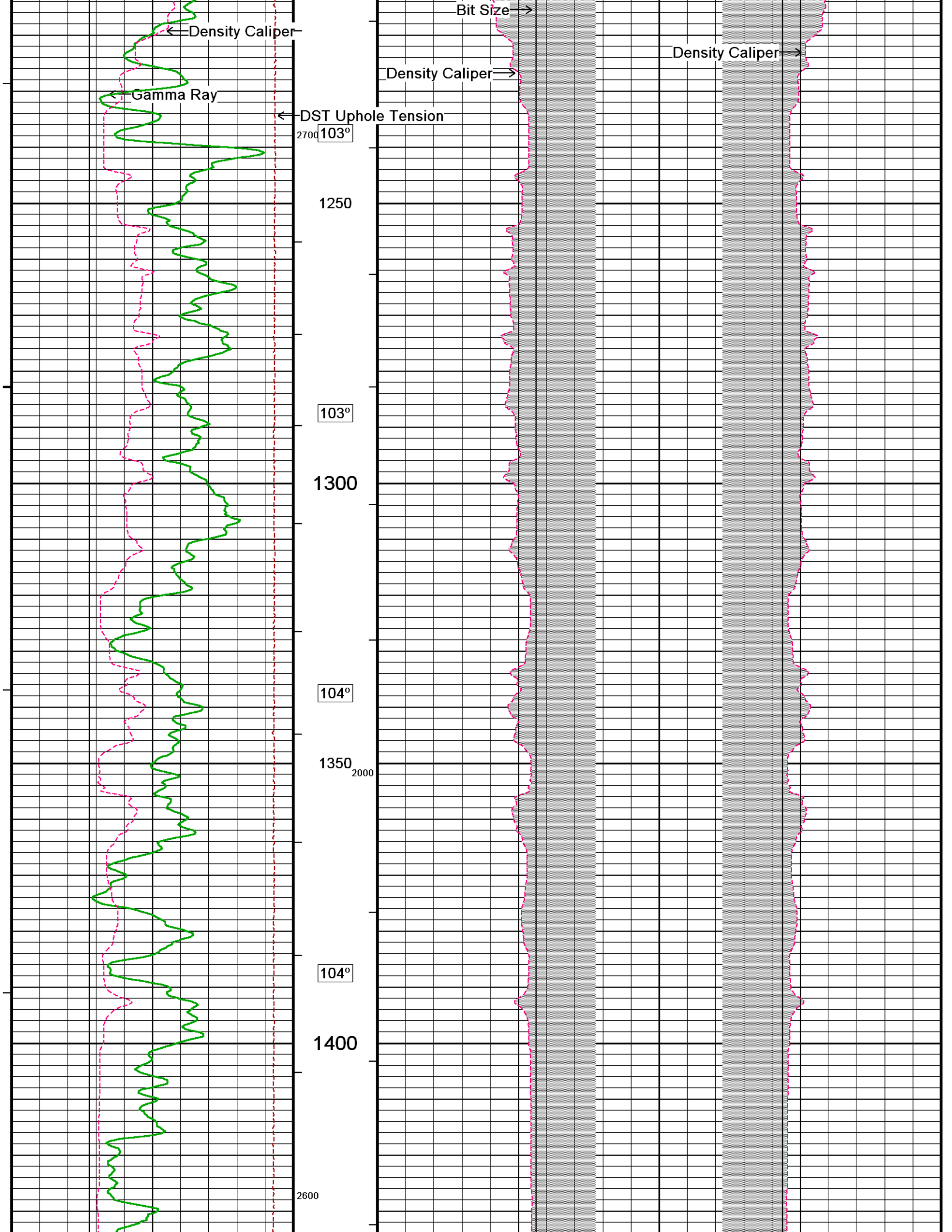
1150

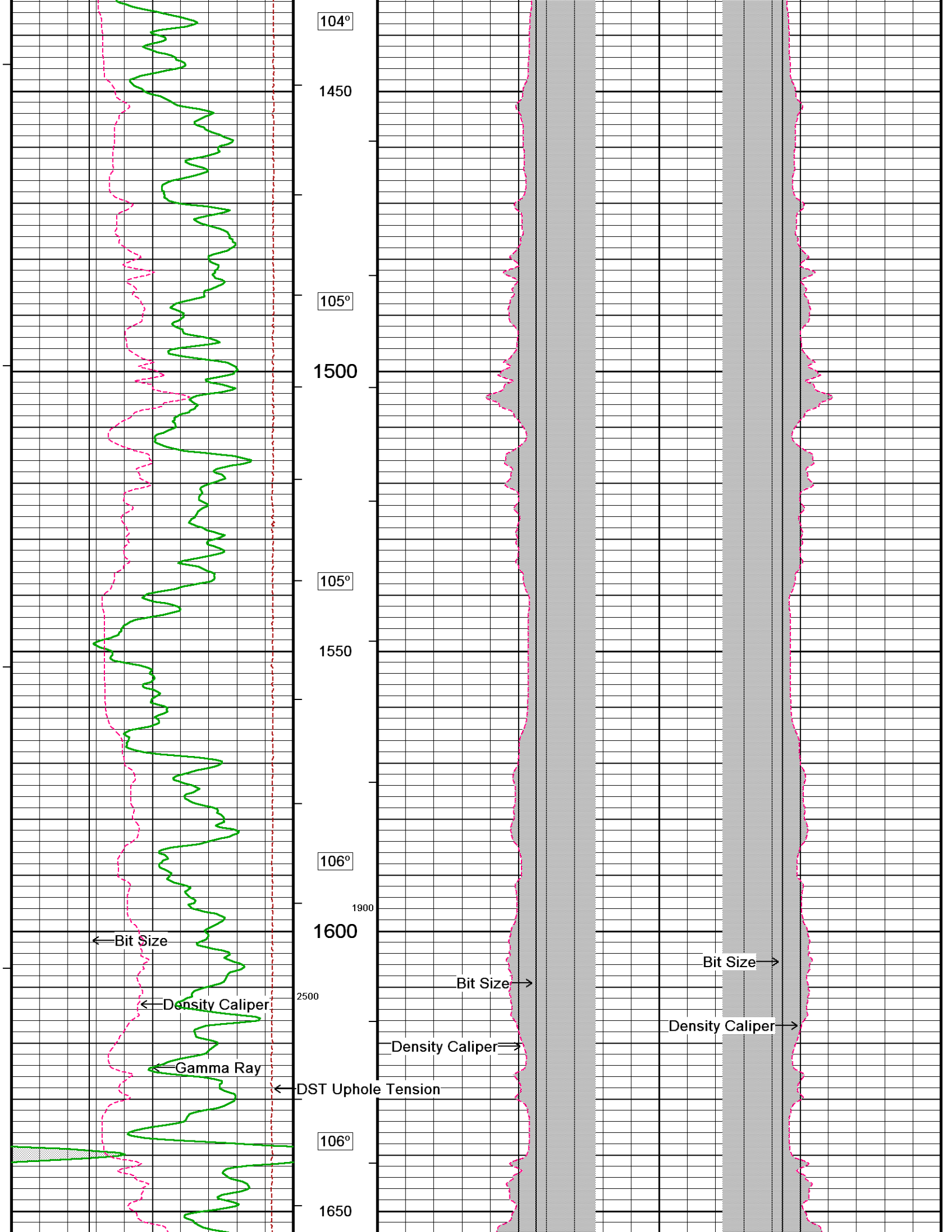
102°

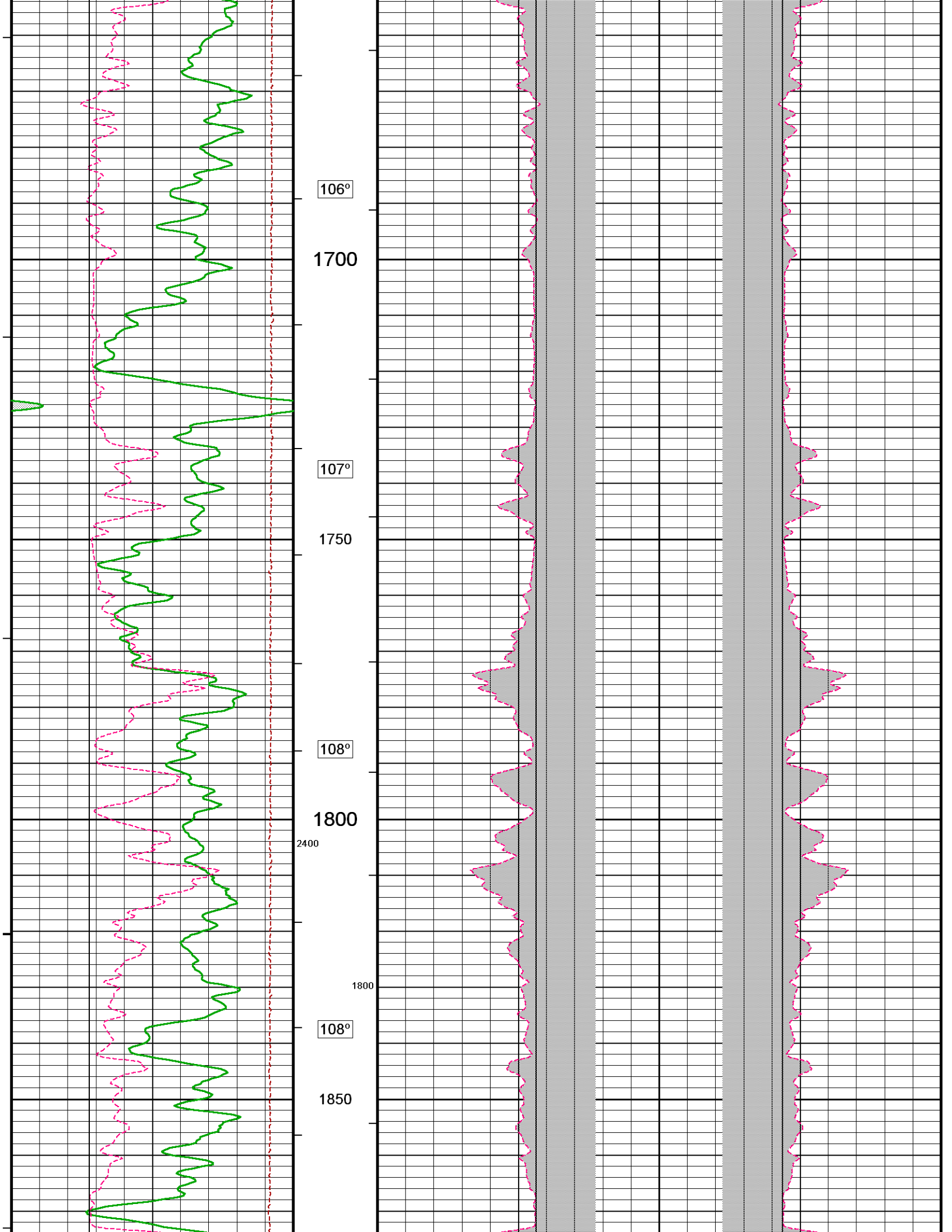
1200

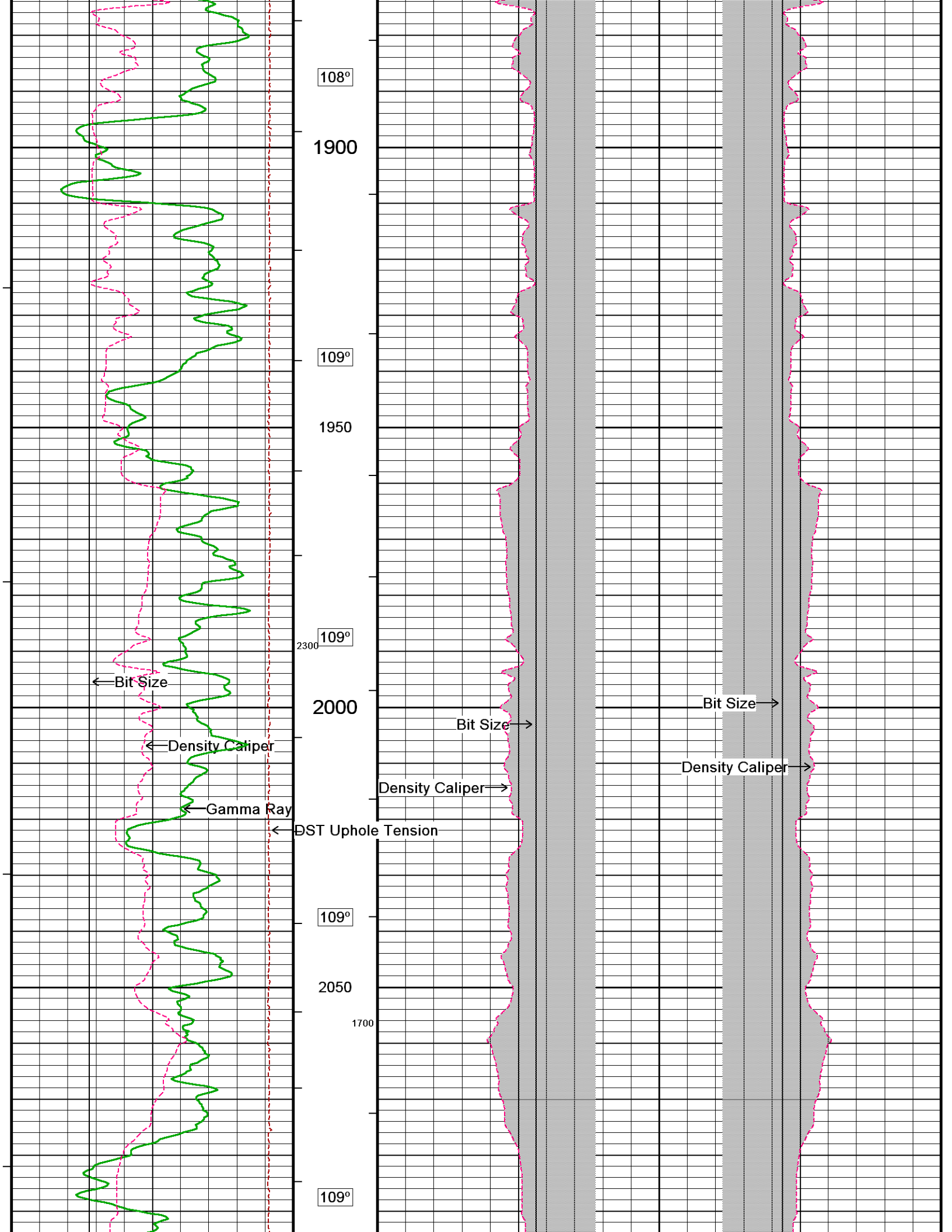
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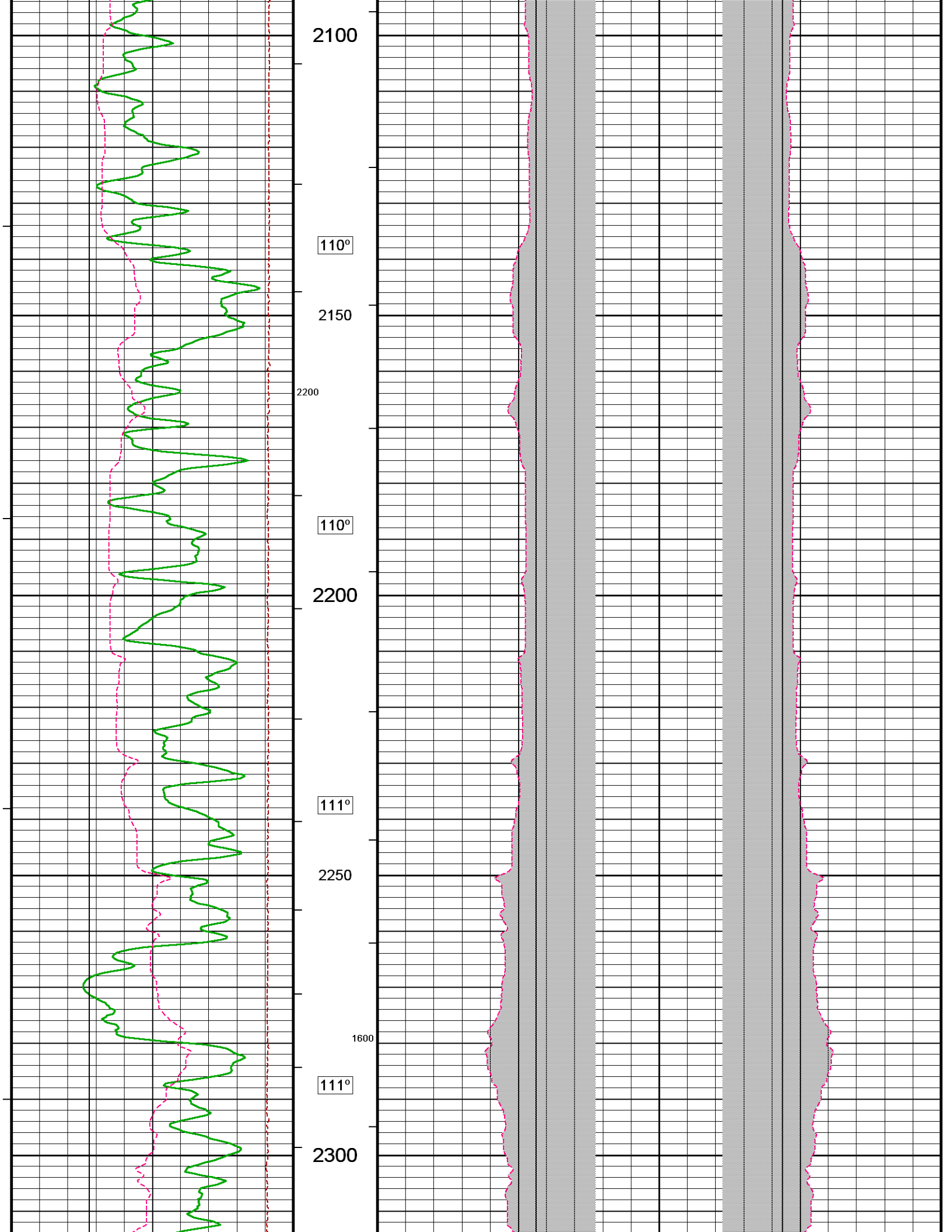
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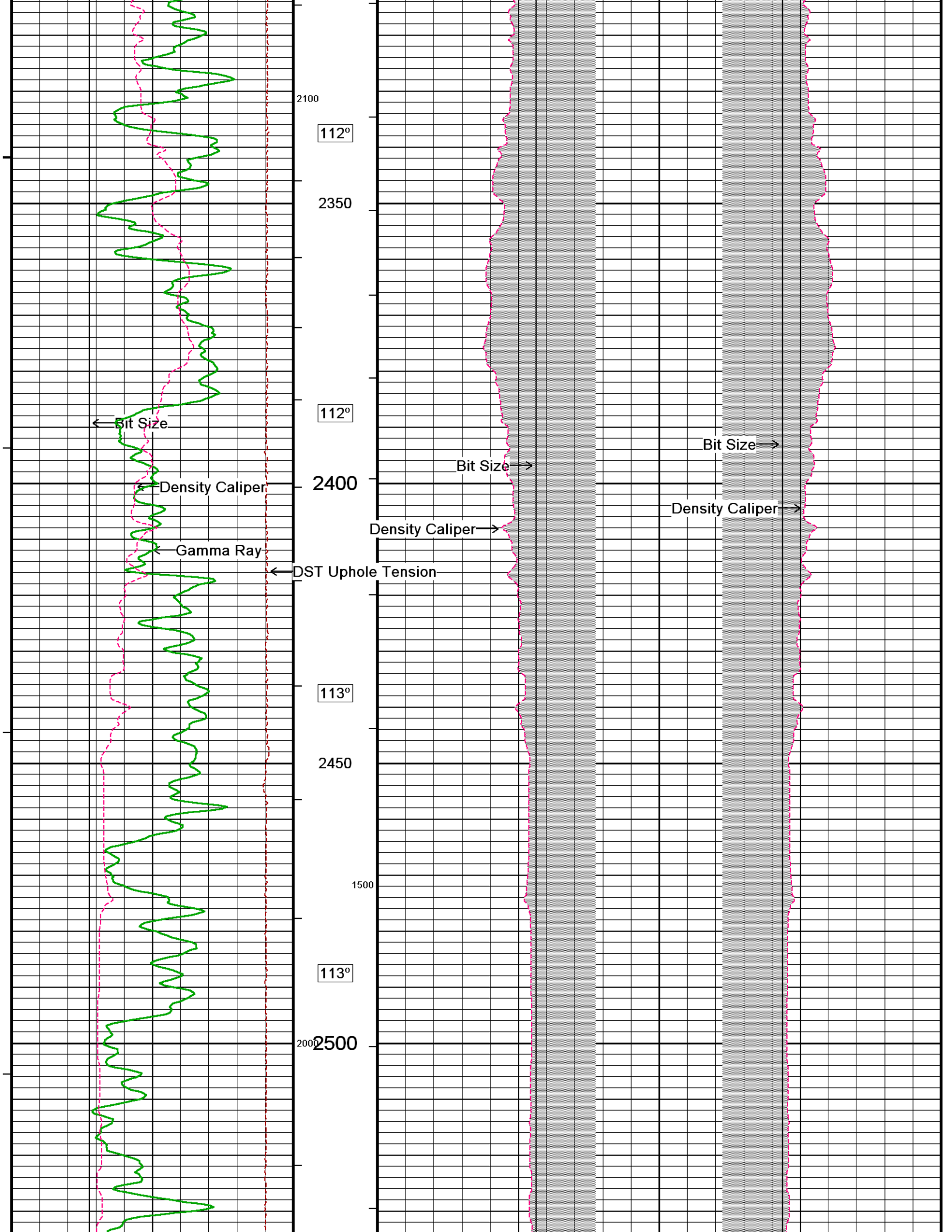


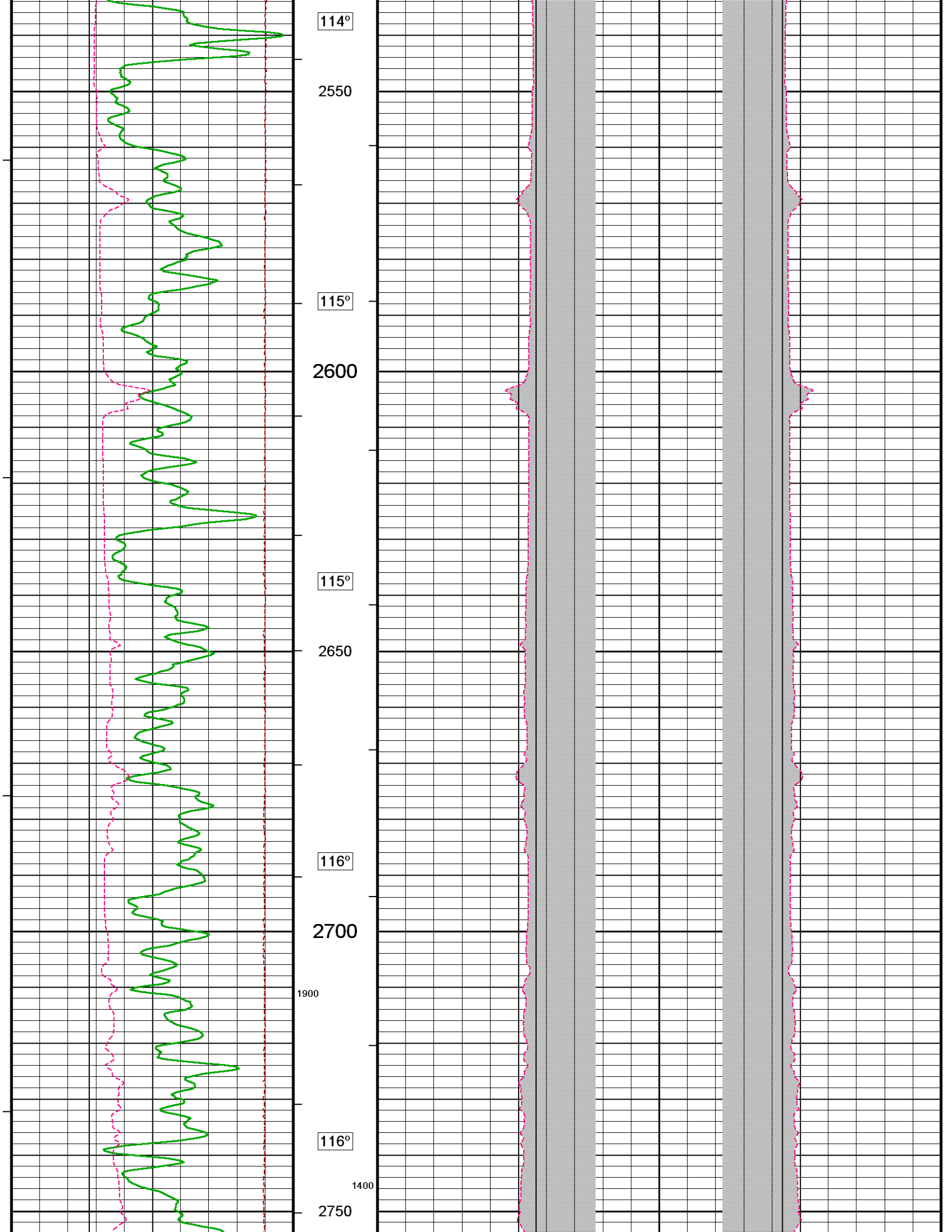


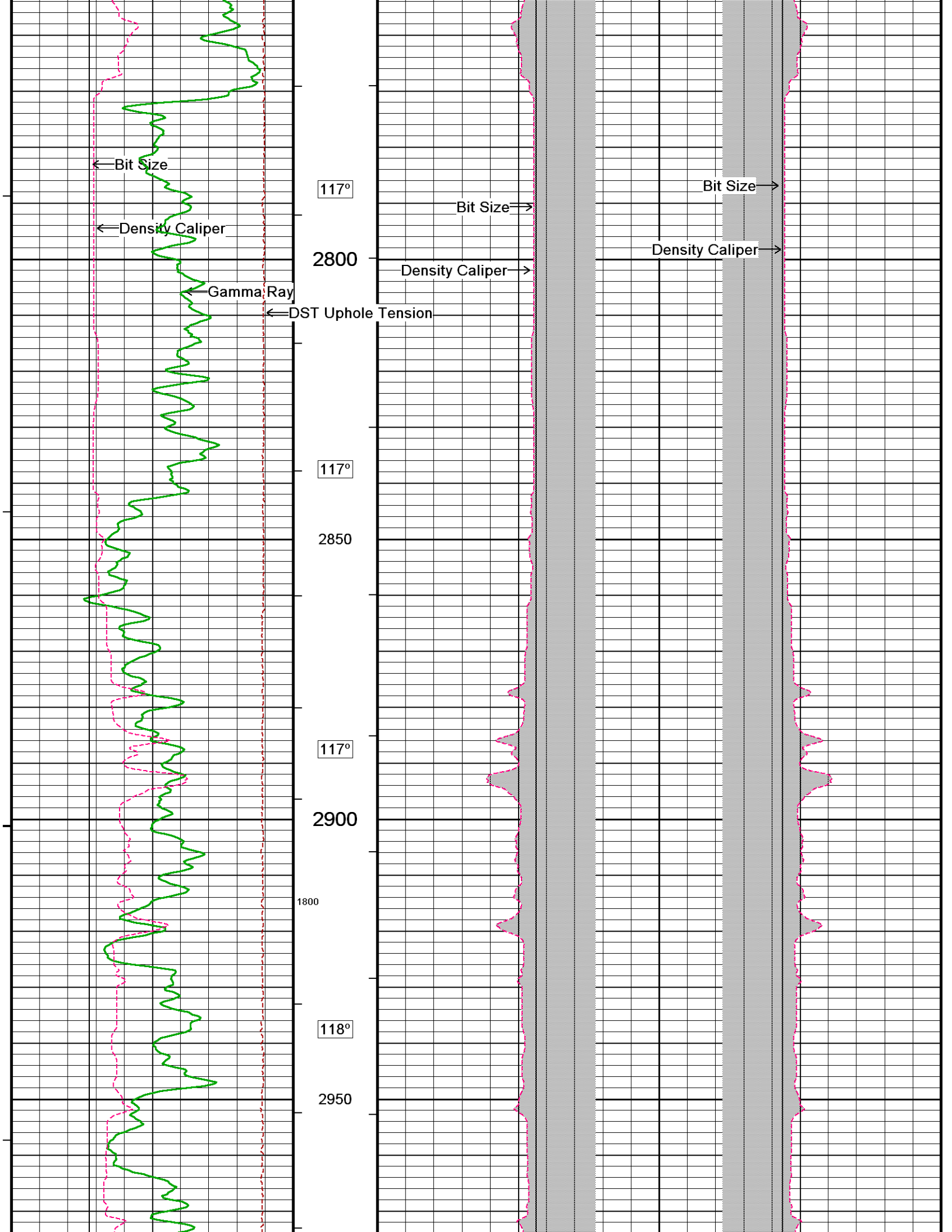


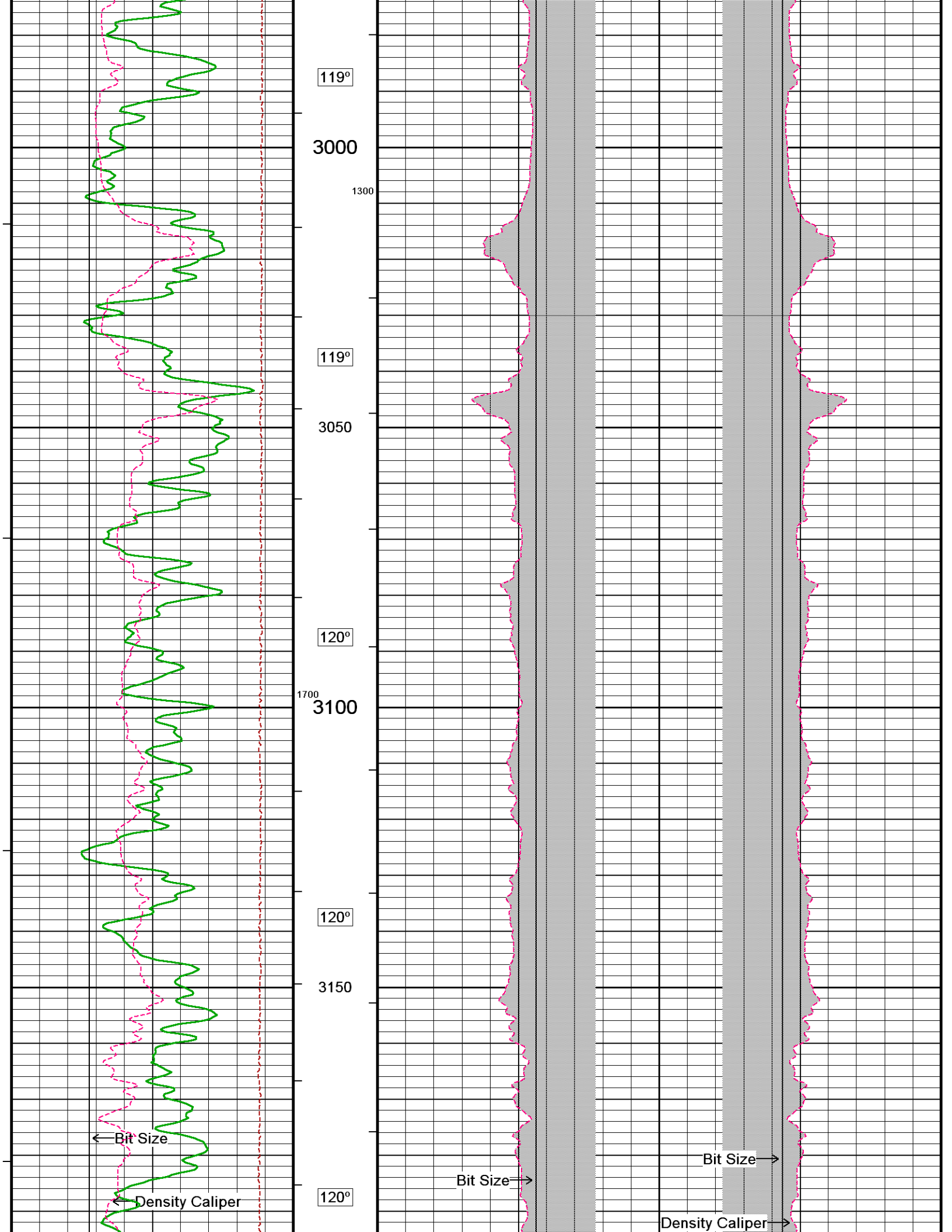


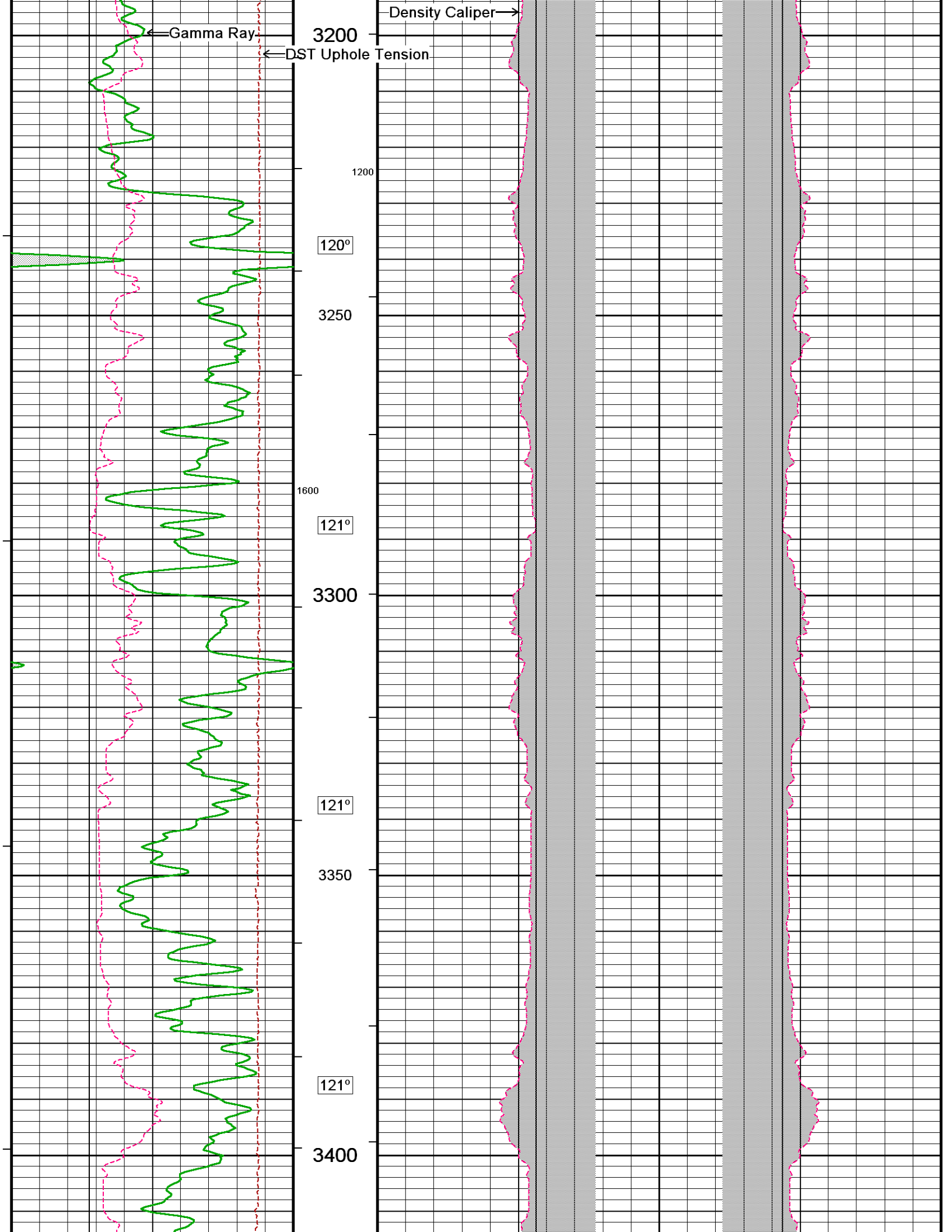


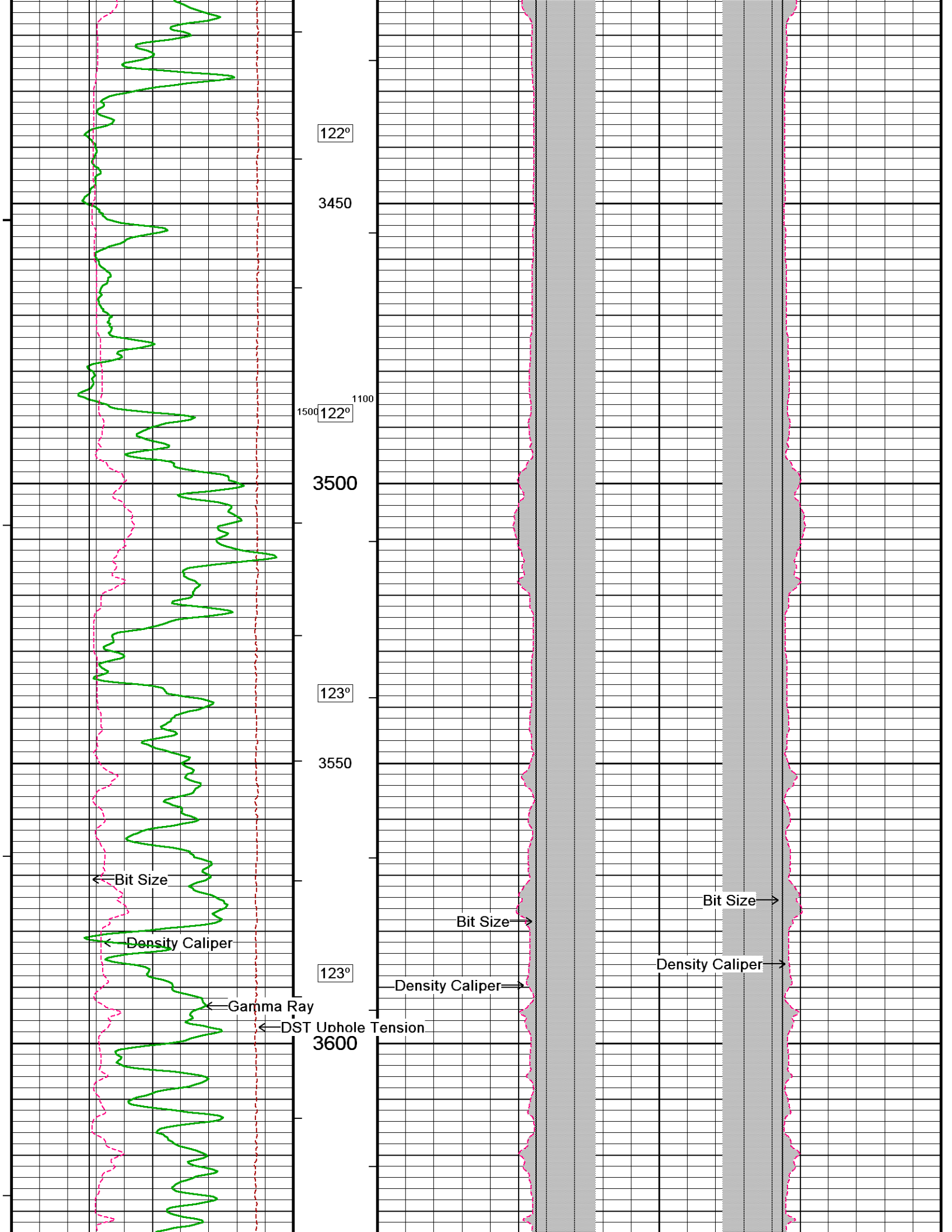


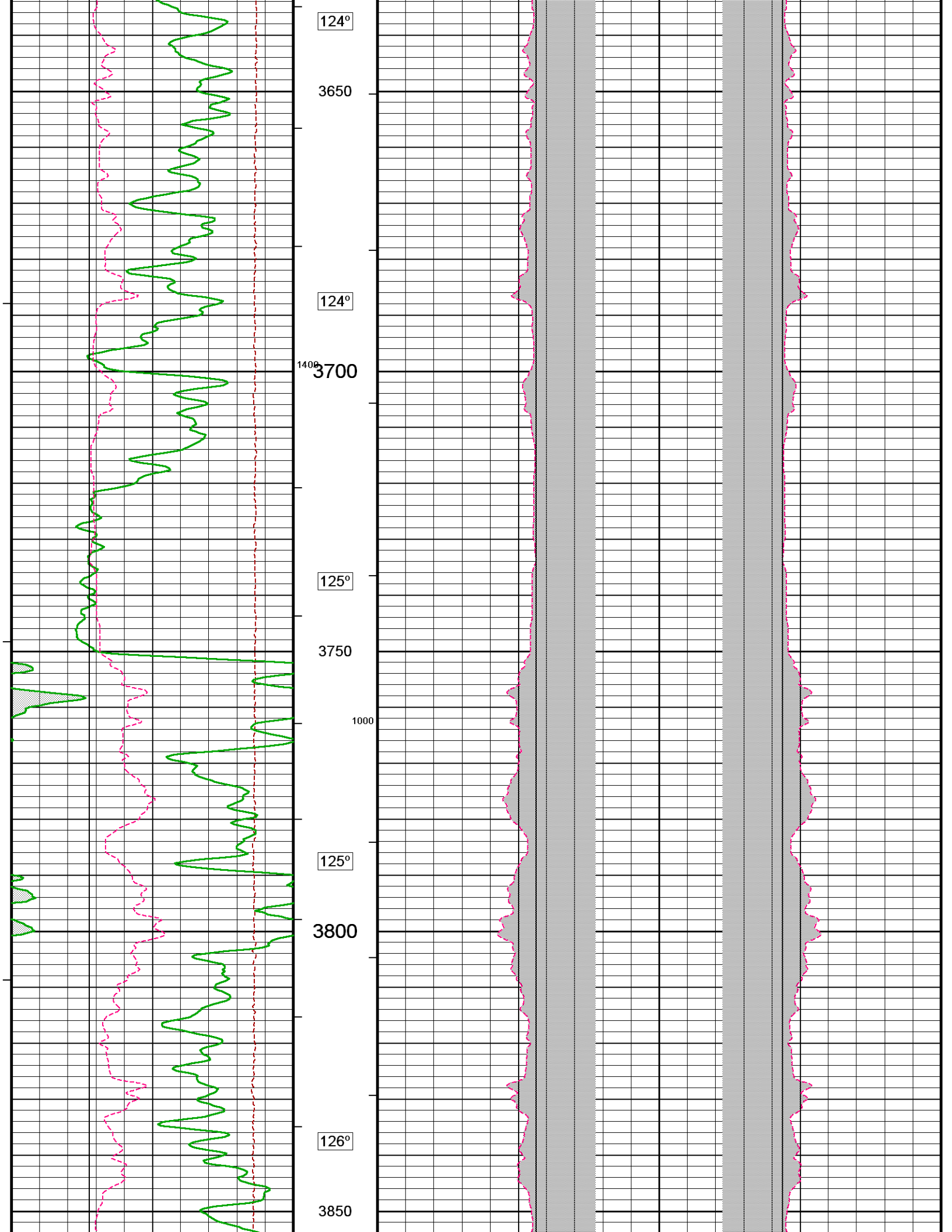


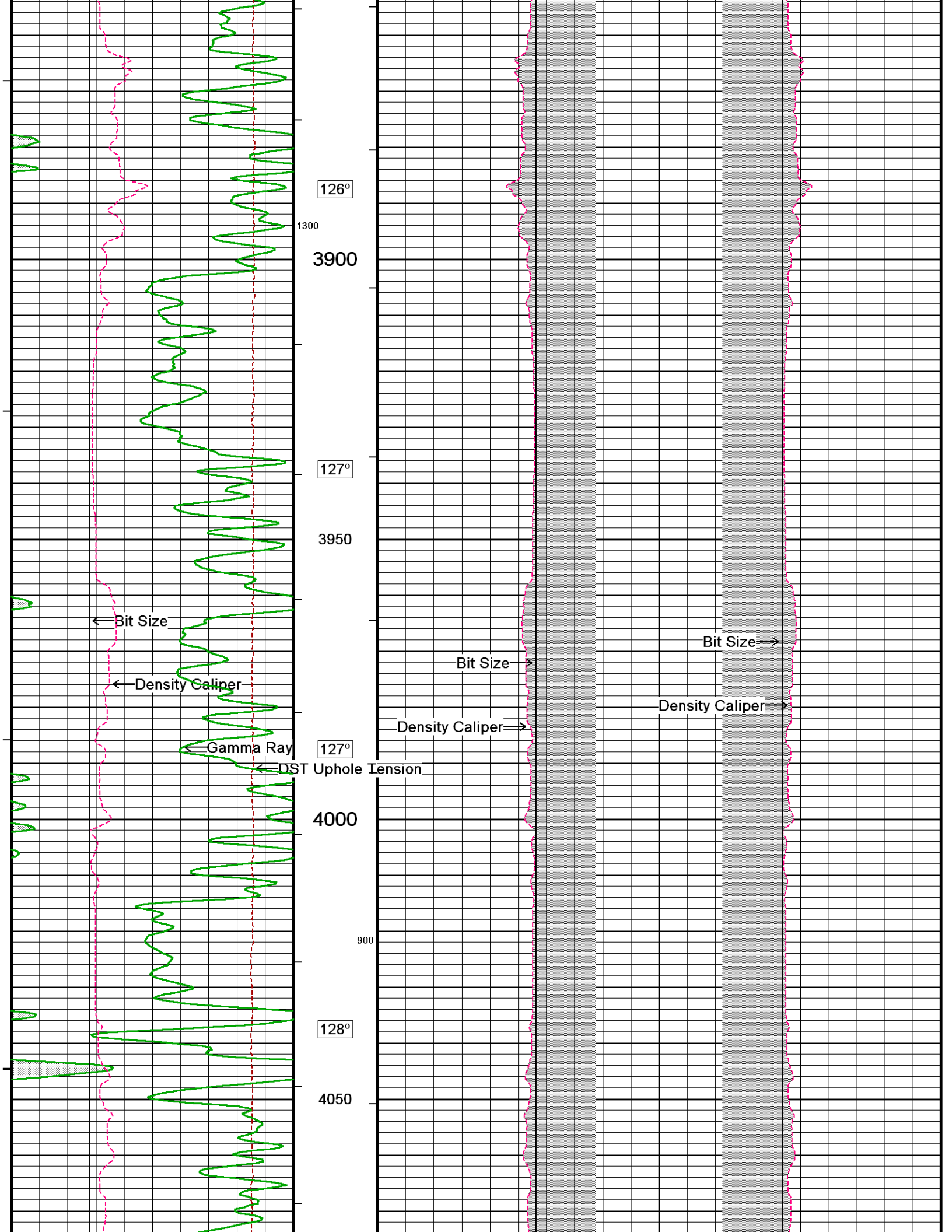


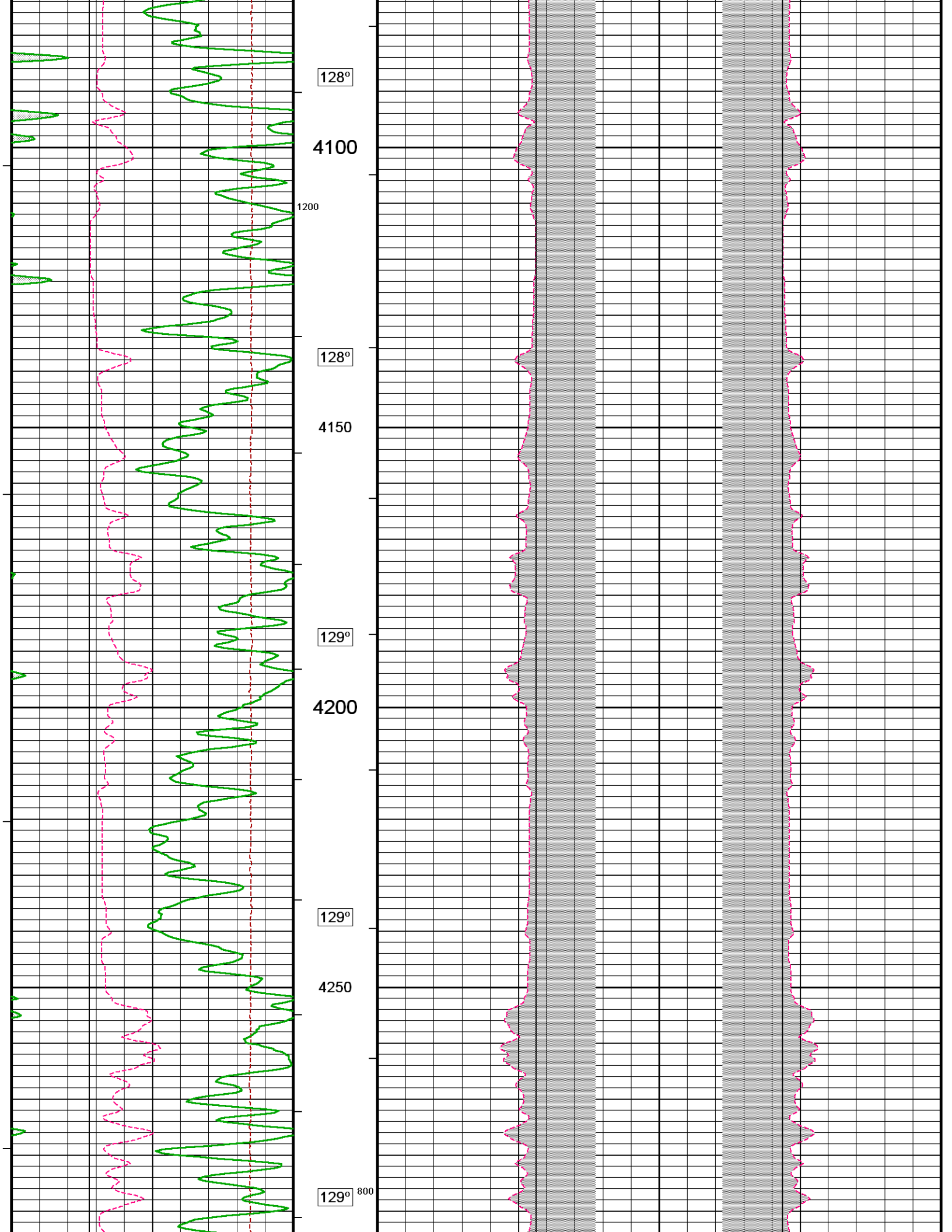


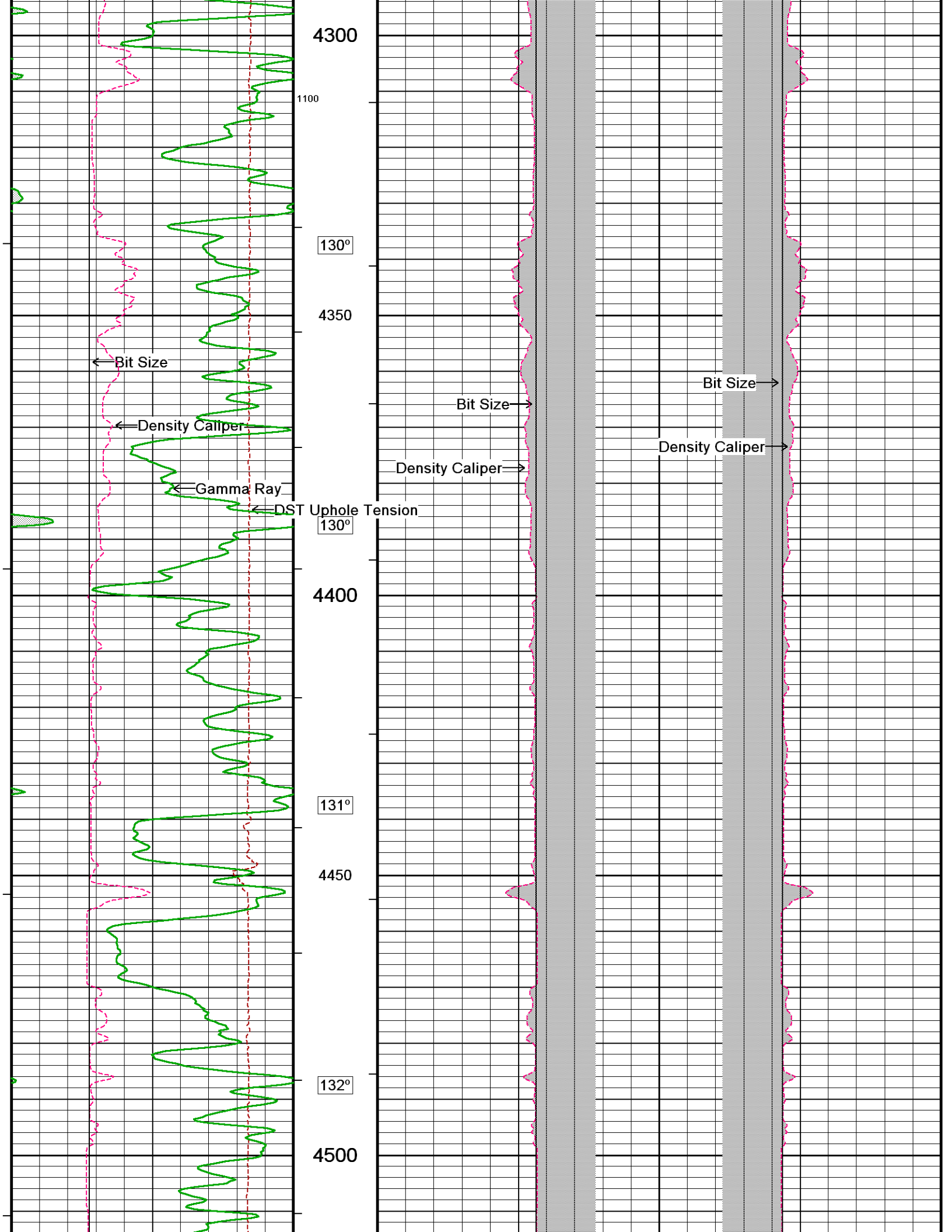


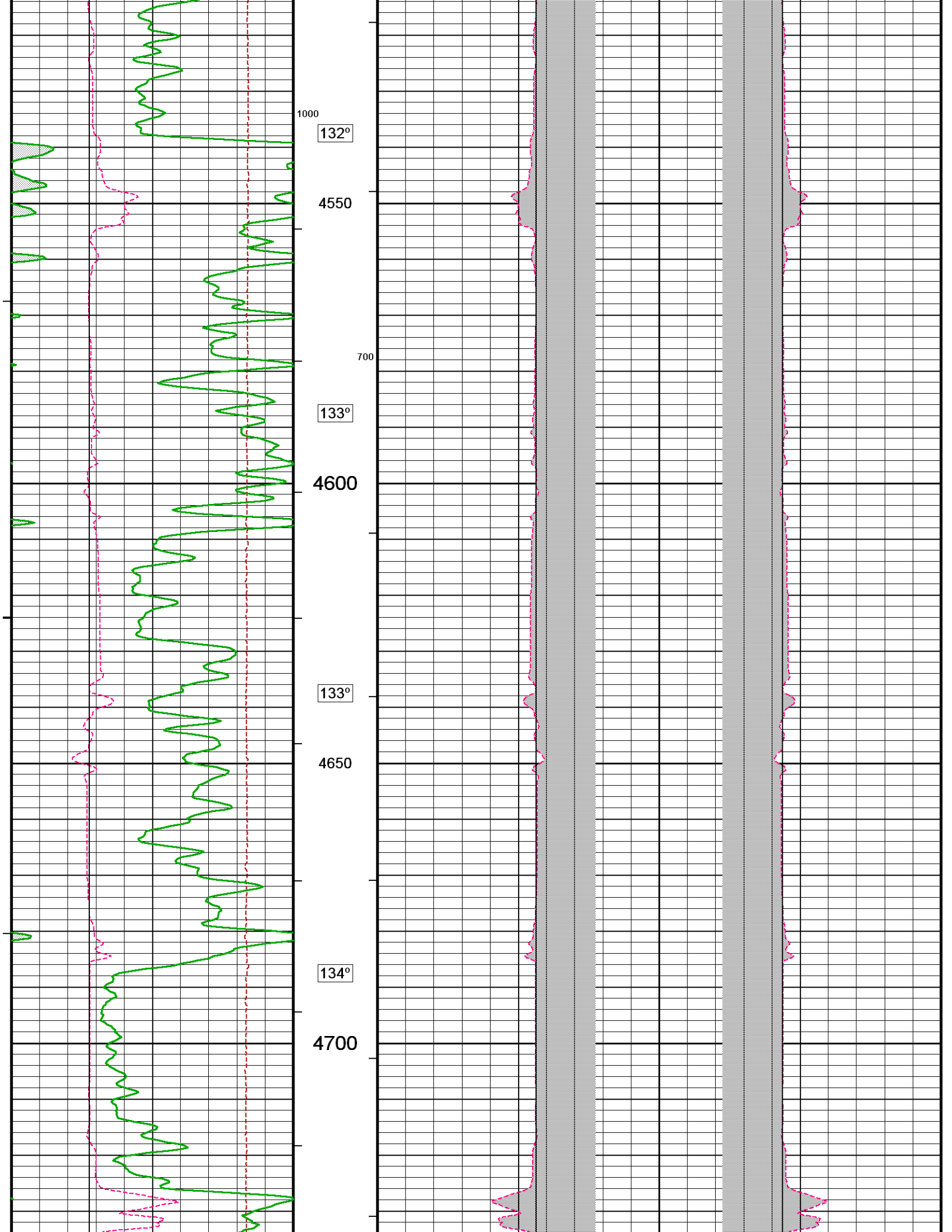


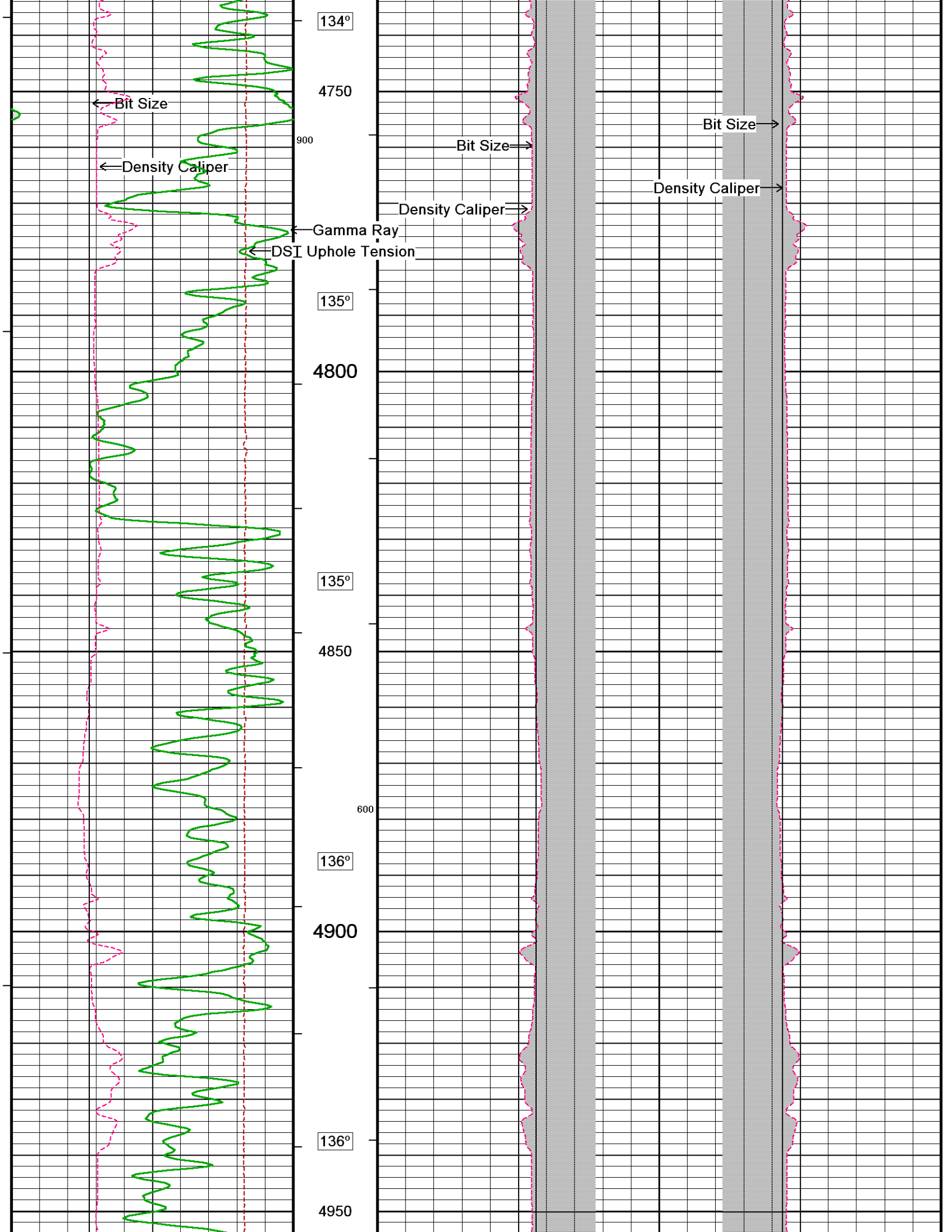


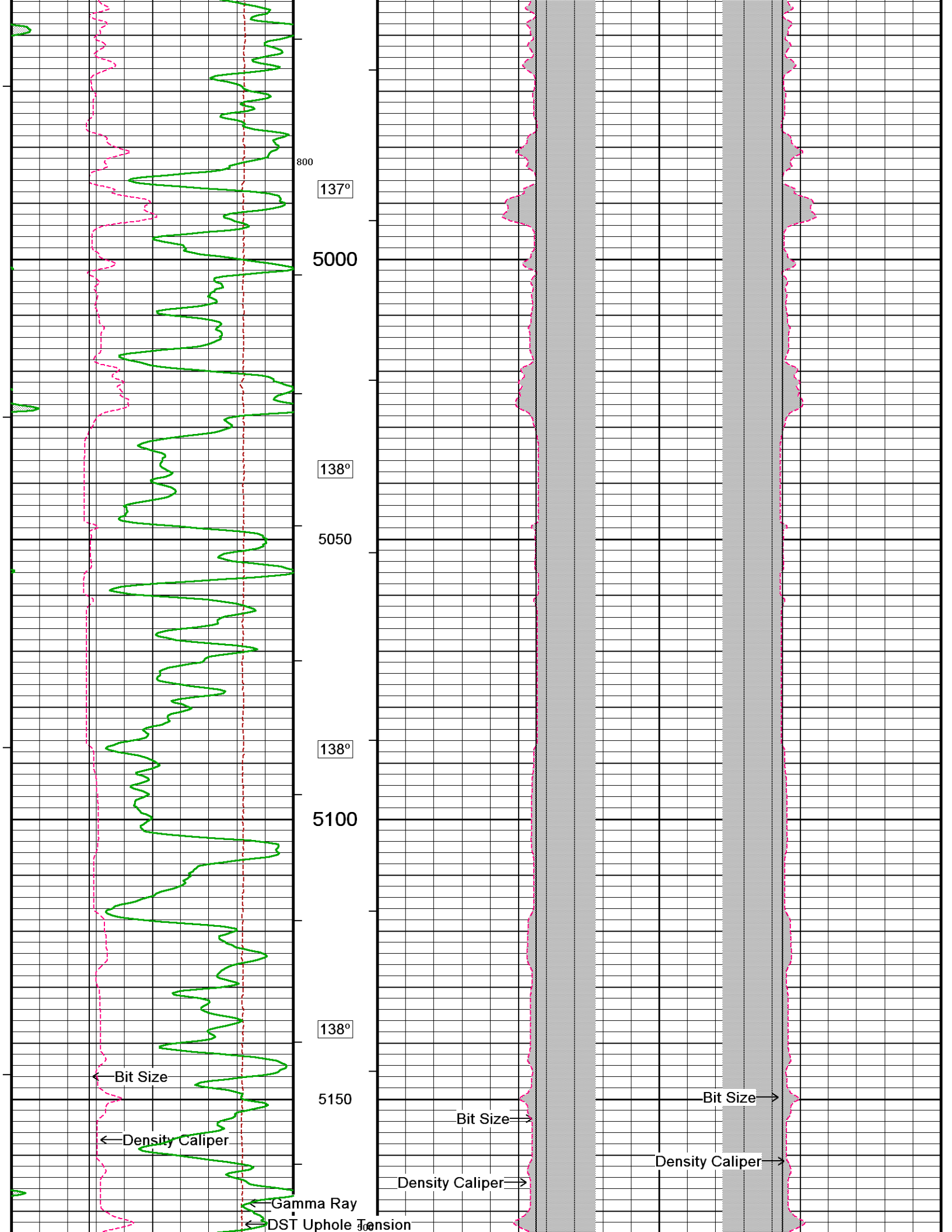


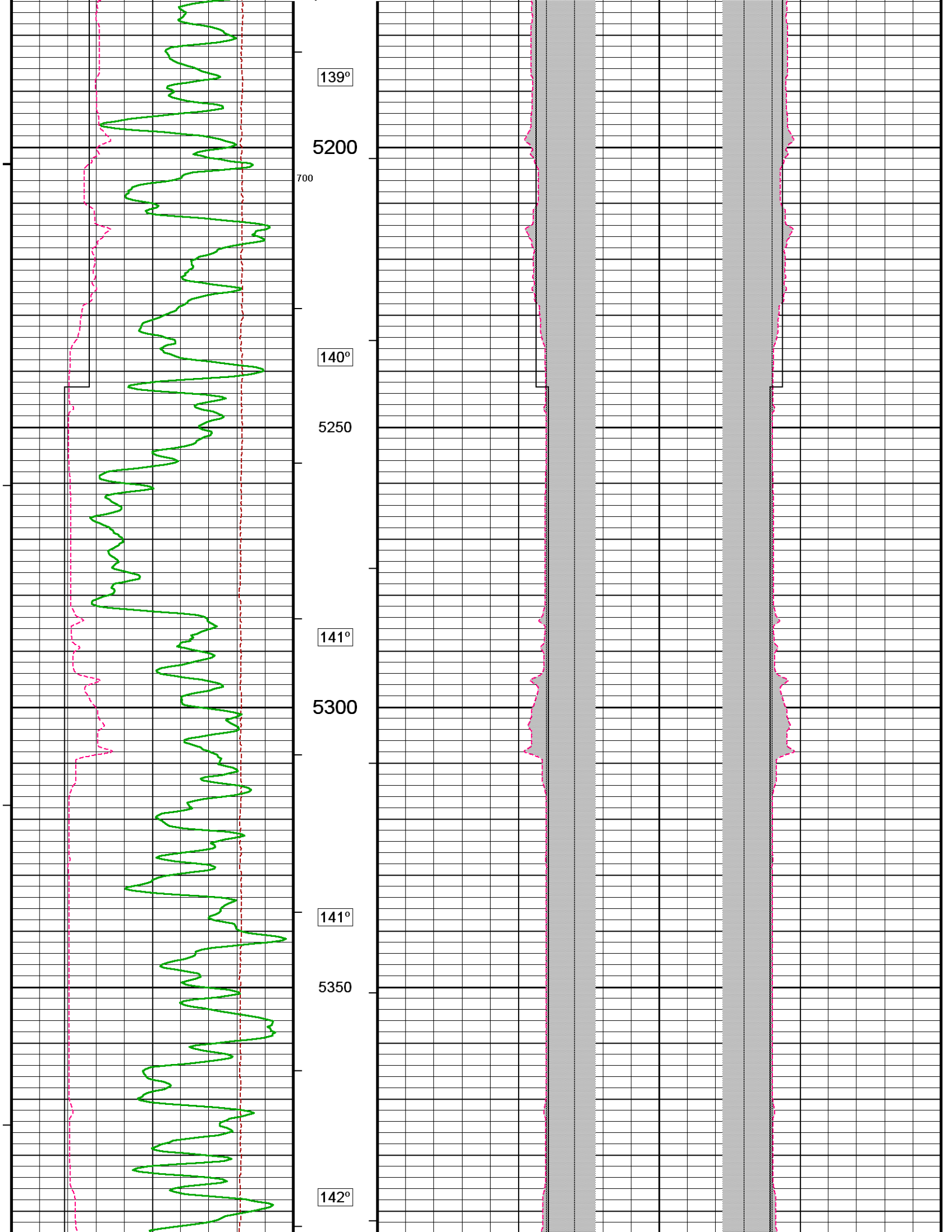


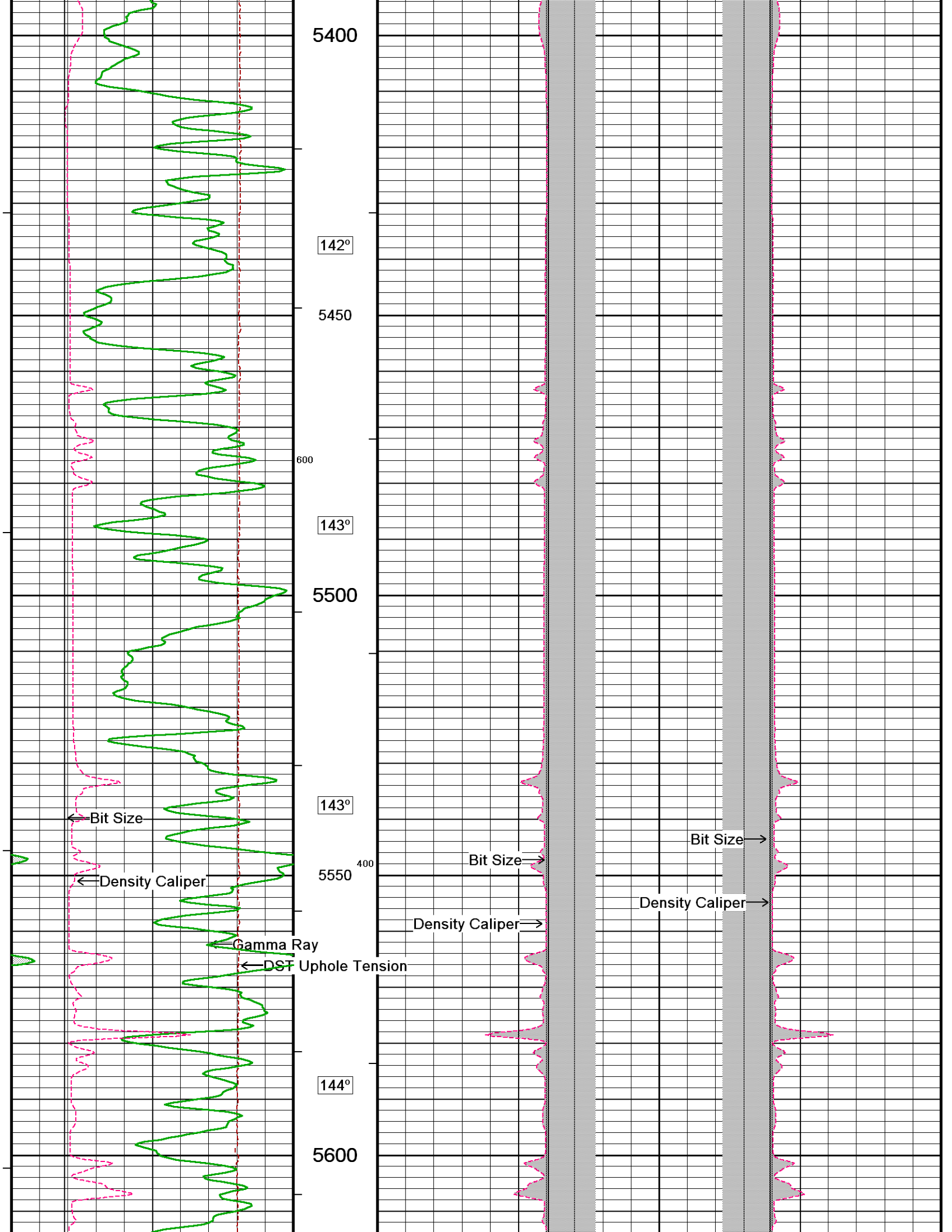


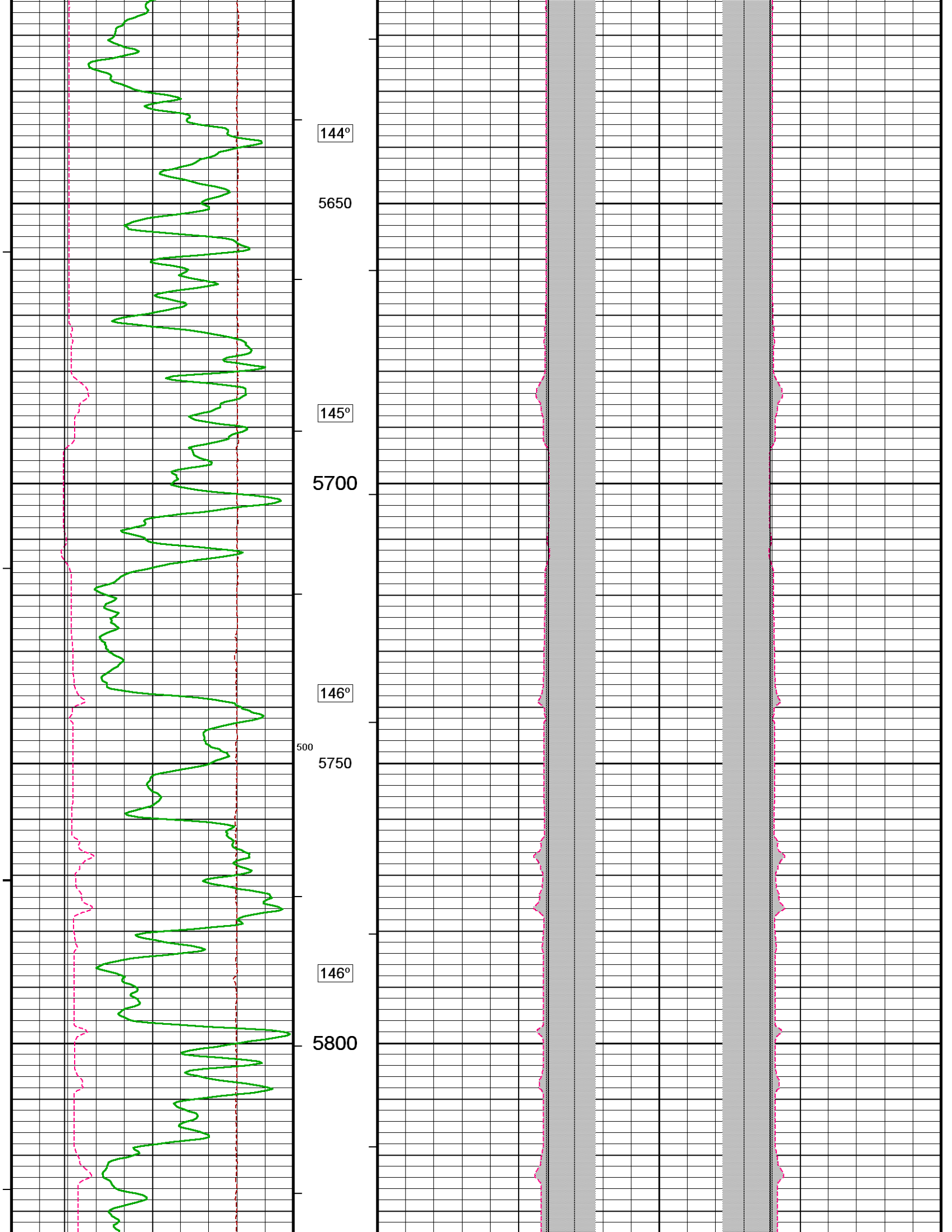


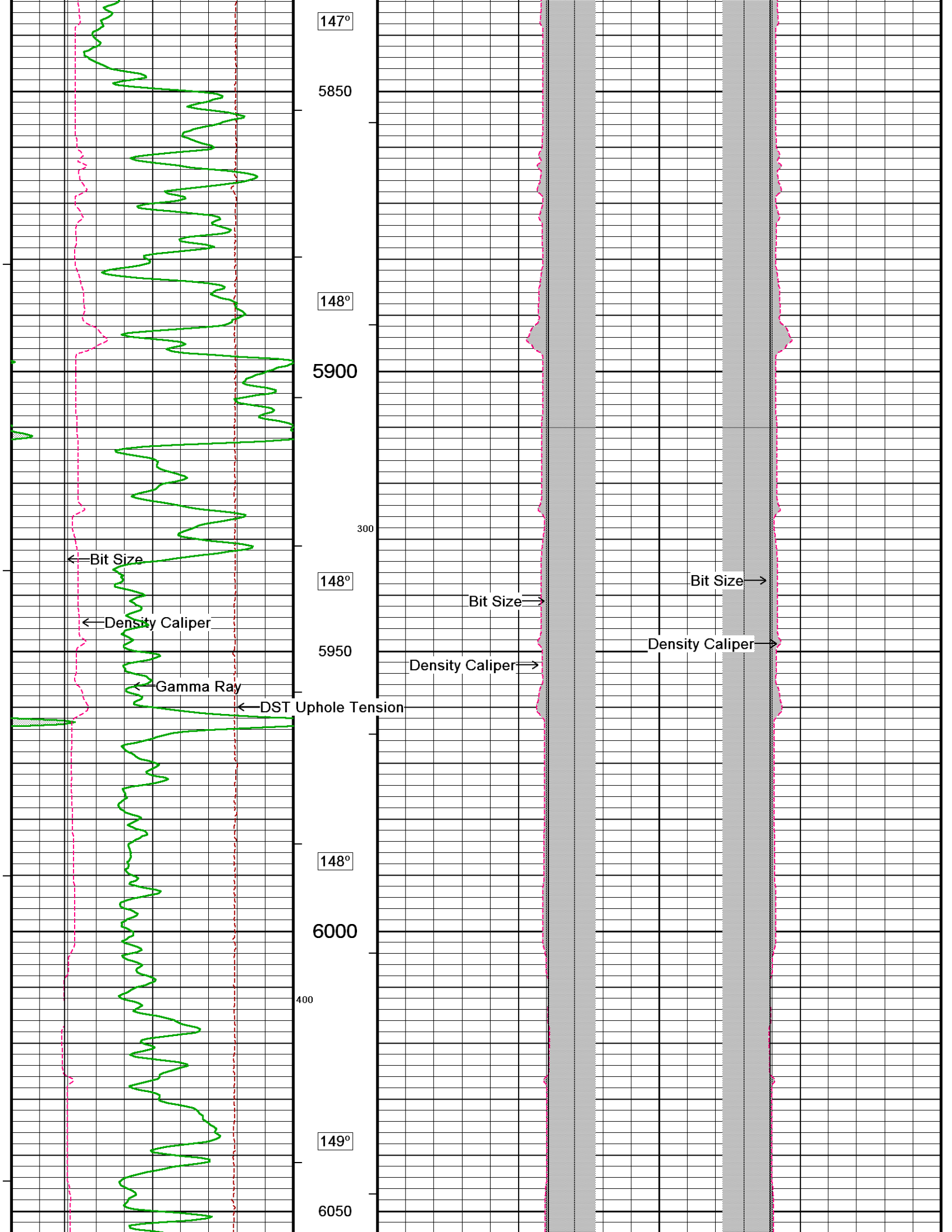












147°

5850

148°

5900

148°

5950

148°

6000

149°

6050

300

400

← Bit Size

← Density Caliper

← Gamma Ray

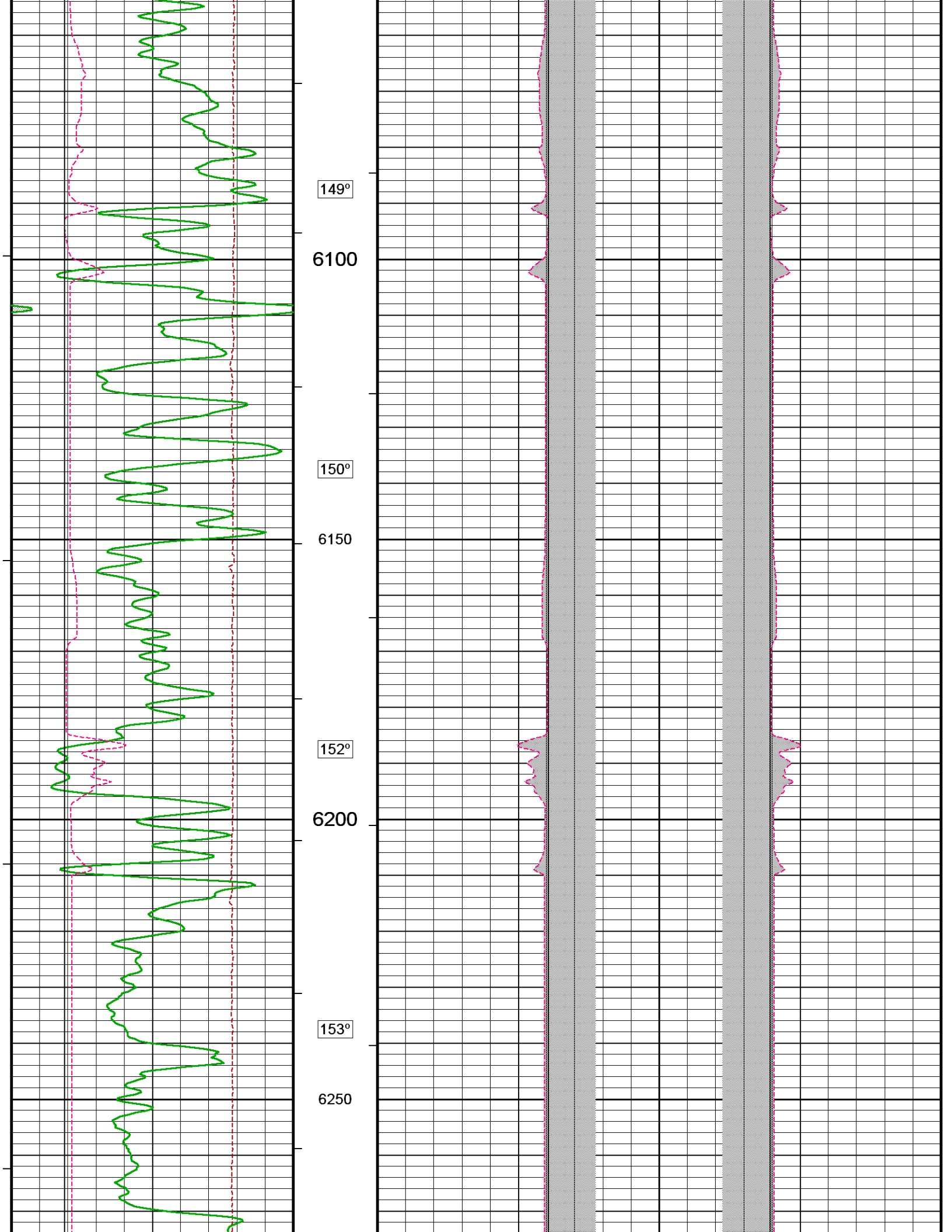
← DST Uphole Tension

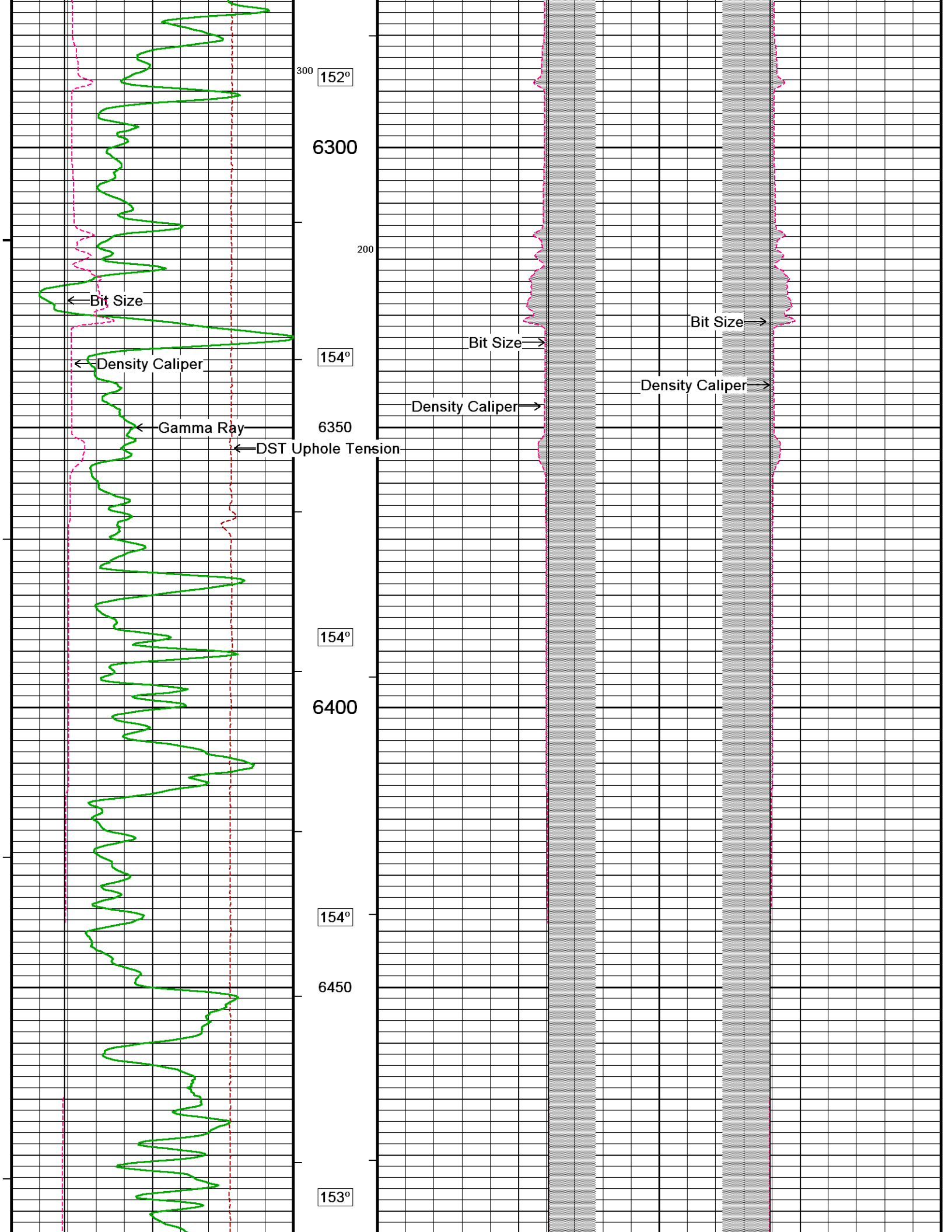
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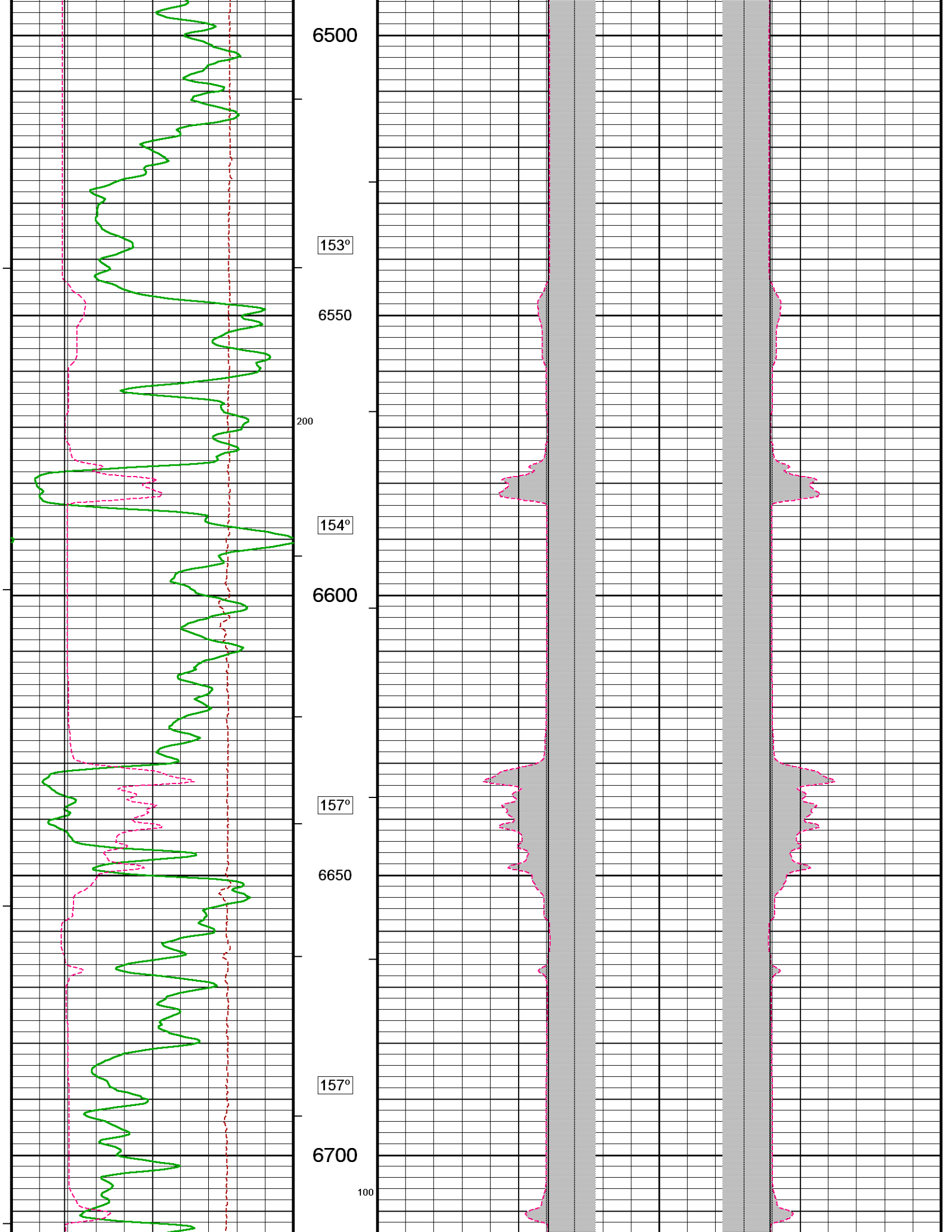
Density Caliper →

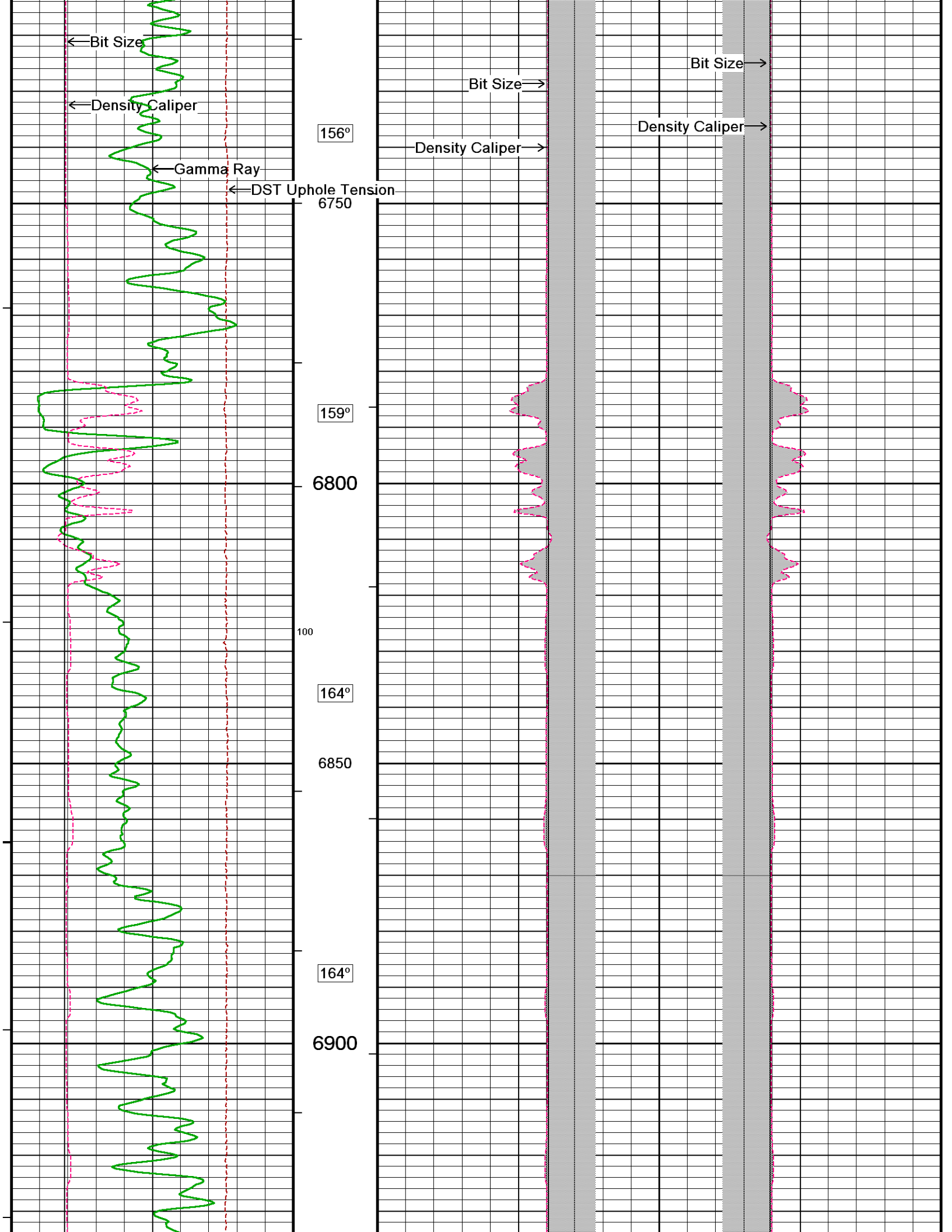
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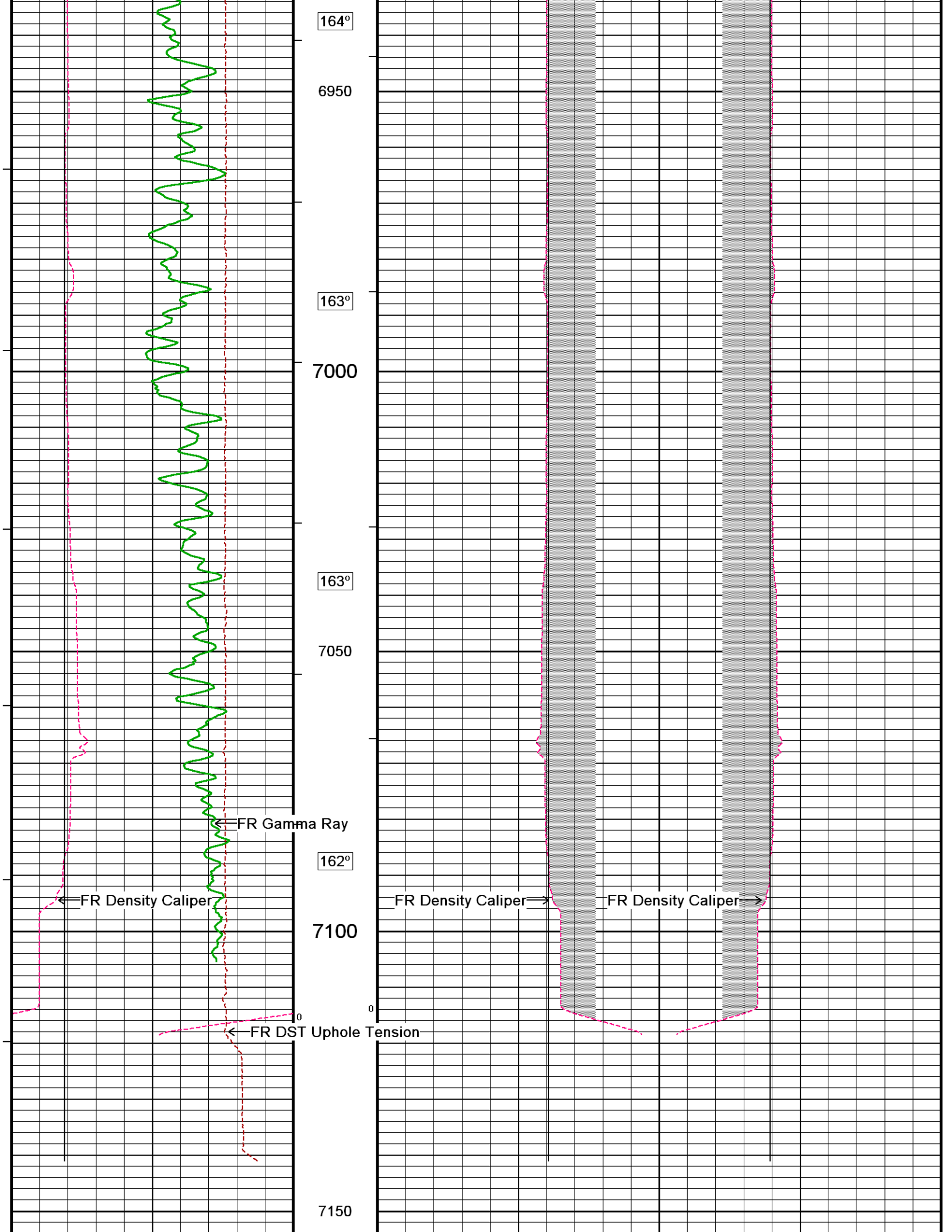
Density Caliper →

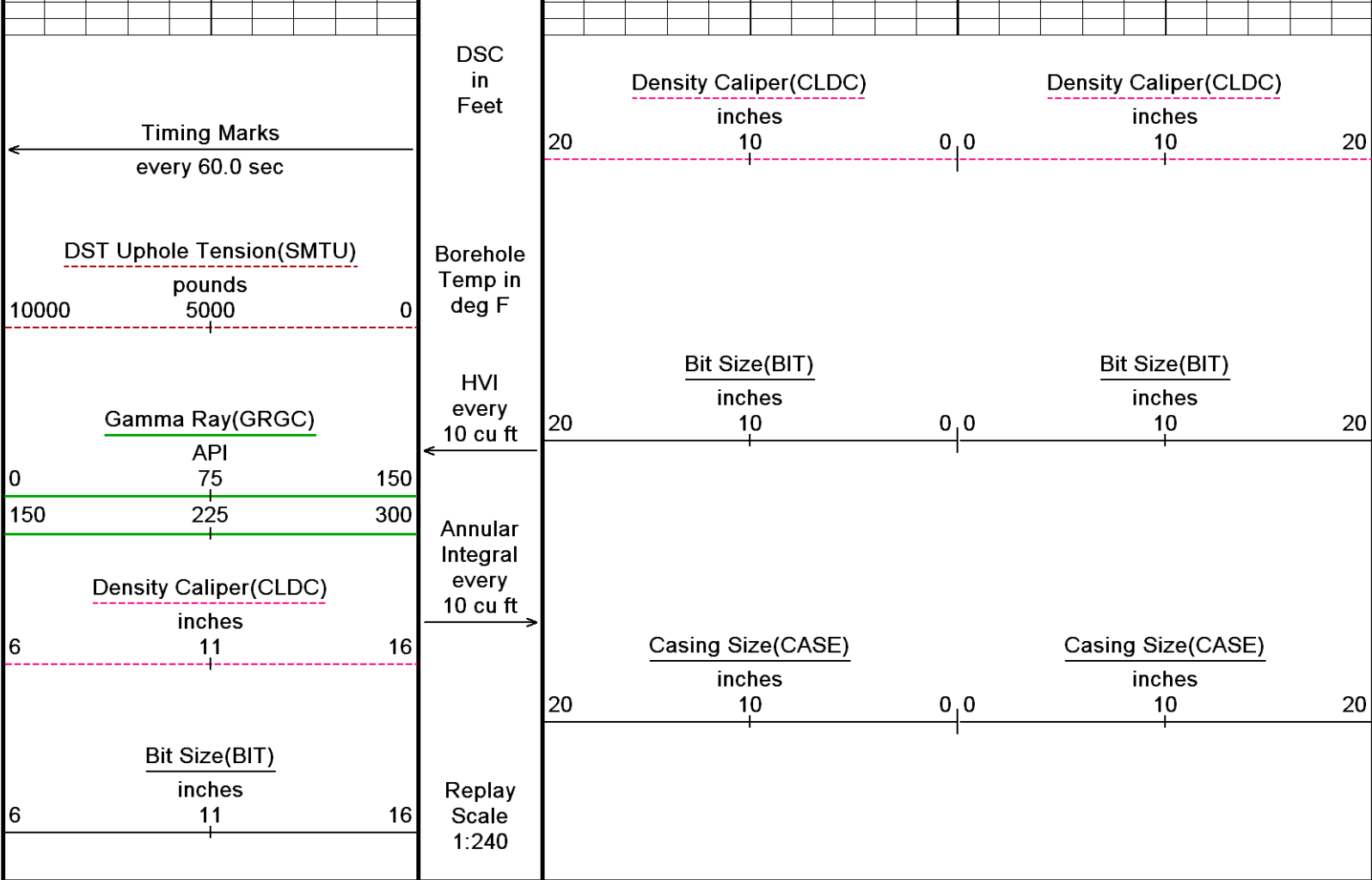








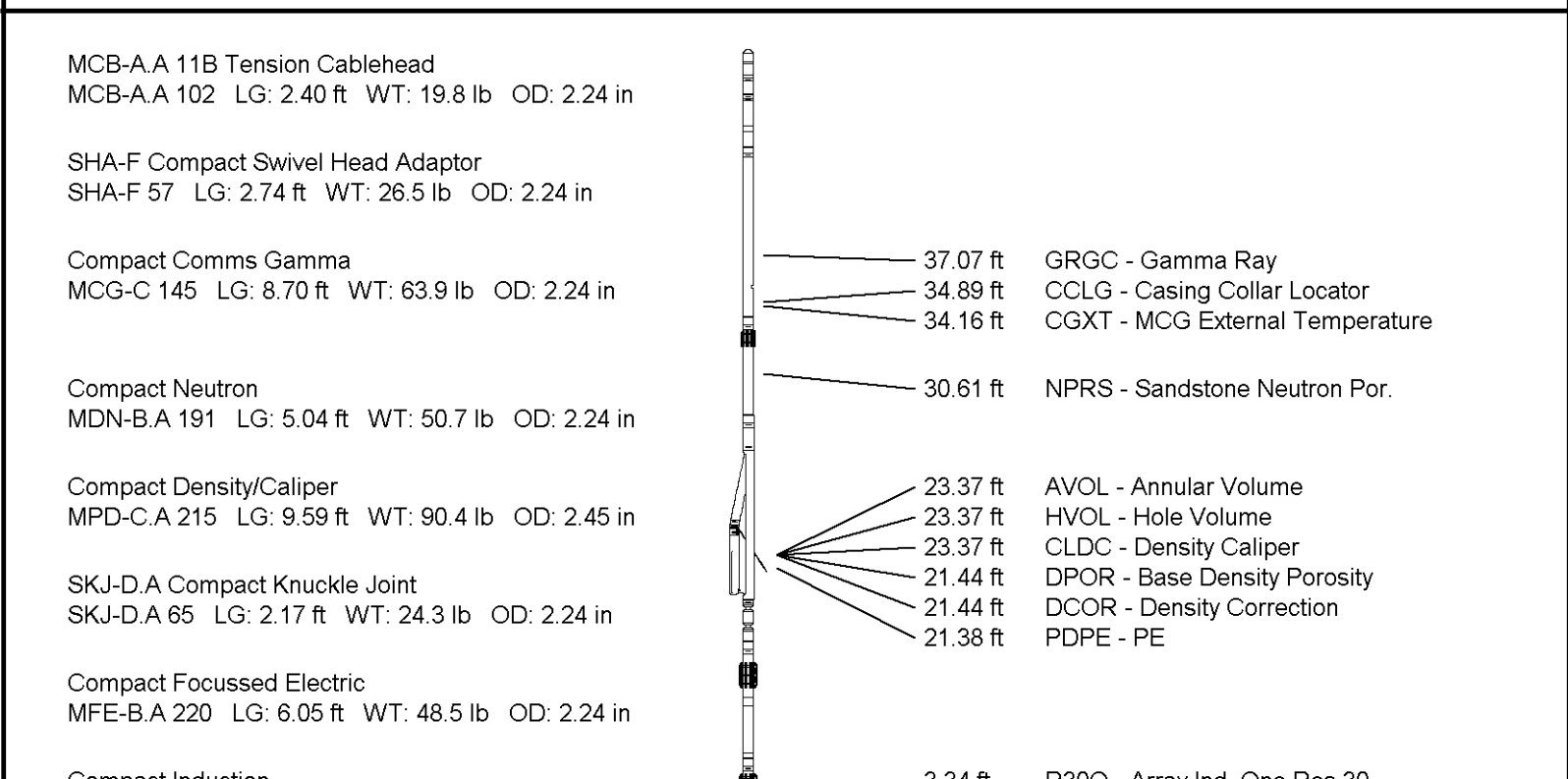




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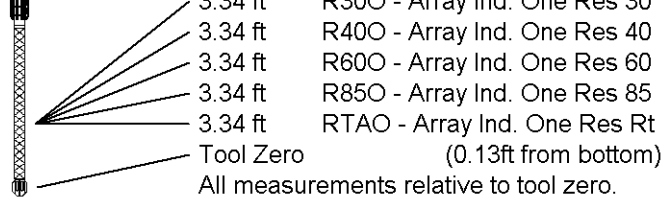
5 INCH MAIN LOG

DOWNHOLE EQUIPMENT
 C:\DOCUME~1\rodgerbx\LOCALS~1\Temp\Weatherford PreView\0\Bill Barrett GGU Miller 14C-31-691_003.dta



Compact induction
MAI-B.J 362 LG: 10.81 ft WT: 48.5 lb OD: 2.24 in

Total Length: 47.49 ft Weight: 372.6 lb



COMPANY	BILL BARRETT CORPORATION
WELL	GGU MILLER 14C-31-691
FIELD	GIBSON GULCH
PROVINCE/COUNTY	GARFIELD
COUNTRY/STATE	U.S.A. / COLORADO

Elevation Kelly Bushing	6045.00	feet	First Reading	7094.00	
Elevation Drill Floor	6044.00	feet	Depth Driller	7120.00	feet
Elevation Ground Level	6029.00	feet	Depth Logger	7118.00	feet



Weatherford[®]

HOLE VOLUME
CALIPER
LOG

