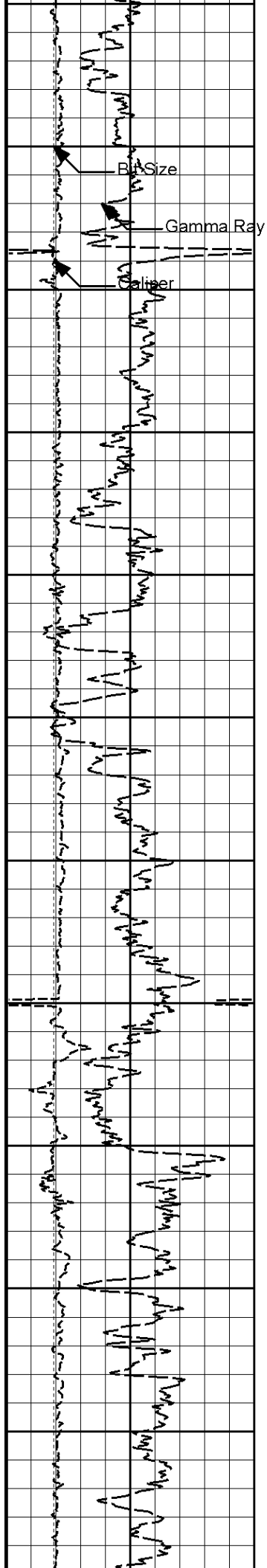


HALLIBURTON				BOREHOLE VOLUME PLOT			
PLAINS EXPLORATION AND PRODUCTION				COMPANY    PLAINS EXPLORATION AND PRODUCTION			
UTE WATER 22-12				WELL            UTE WATER 22-12			
BRUSH CREEK				FIELD            BRUSH CREEK			
MESA				COUNTY       MESA			
CO				STATE       CO			
COMPANY		WELL		FIELD		COUNTY	
STATE		Sect. 22		Twp. 08S		Rge. 94W	
Permanent Datum		GROUND LEVEL		Elev. 6995.0 ft		Elev.: K.B. 7015.0 ft	
Log measured from		KELLY BUSHING		20.0 ft above perm. Datum		D.F. 7014.0 ft	
Drilling measured from		KELLY BUSHING				G.L. 6995.0 ft	
Date		30-Oct-07 15:35					
Run No.		ONE					
Depth - Driller		7673.0 ft					
Depth - Logger		7688.0 ft					
Bottom - Logged Interval		7665.0 ft					
Top - Logged Interval		CSG					
Casing - Driller		8.625 in @ 1573.0 ft				@	
Casing - Logger		1573.0 ft					
Bit Size		7.875 in				@	
Type Fluid in Hole		LSND				@	
Density		10.3 ppq		60.00 sqt			
PH		9.50 pH		10.0 cpm			
Source of Sample		MUD TANK					
Rm @ Meas. Temperature		1.80 ohmm @ 68.00 degF				@	
Rmf @ Meas. Temperature		1.63 ohmm @ 67.00 degF				@	
Rmc @ Meas. Temperature		2.25 ohmm @ 66.50 degF				@	
Source Rmf		MEAS. MEAS.				@	
Rm @ BHT		0.72 ohmm @ 180.0 degF				@	
Time Since Circulation		7.0 hr					
Time on Bottom		30-Oct-07 15:42					
Max. Rec. Temperature		180.0 degF @ 7688.0 ft				@	
Equipment		11014853 G.J.				@	
Recorded By		C. GULLETT					
Witnessed By		R. SPEIGHTS					

----- Fold here -----

Service Ticket No.: 5458245						API Serial No.: 050770914900						PGM Version: WL INSITE R2.0 (Build 12)									
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		1.5" S.O.		N/A`	
Rmc @ Meas. Temp.				@				@						e554-s481							
Source Rmf		Rmc		CALC.		CALC.															
Rm @ BHT				0.72 ohmm @ 180.00 degF				@													
Rmf @ BHT				0.65 ohmm @ 180.00 degF				@													
Rmc @ BHT				0.90 ohmm @ 180.00 degF				@													
EQUIPMENT DATA																					
GAMMA				ACOUSTIC								DENSITY				NEUTRON					
Run No.		ONE		Run No.				Run No.		ONE		Run No.		ONE							
Serial No.		11004661		Serial No.				Serial No.		10951300		Serial No.		10993887							
Model No.		GTET		Model No.				Model No.		SDLT		Model No.		DSNT							
Diameter		3.625"		No. of Cent.				Diameter		4.5"		Diameter		3.625"							
Detector Model No.		GTET		Spacing				Log Type		GAMMA-GAMMA		Log Type		THEMAL							
Type		SCINT.						Source Type		Cs137		Source Type		Am241Be							
Length		8"		LSA [Y/N]				Serial No.		5123 GW		Serial No.		DSN - 388							
Distance to Source		10.3"		FWDA [Y/N ]				Strength		1.5 Ci		Strength		18.5 Ci							





1800

1900

2000

2100

2200

Bit Size Left

Caliper Left

Casing OD

Casing OD

Bit Size Right

Caliper Right

2035

2018

2000

1983

1965

1947

1929

1912

1895

1877

1384

1372

1359

1348

1336

1323

1311

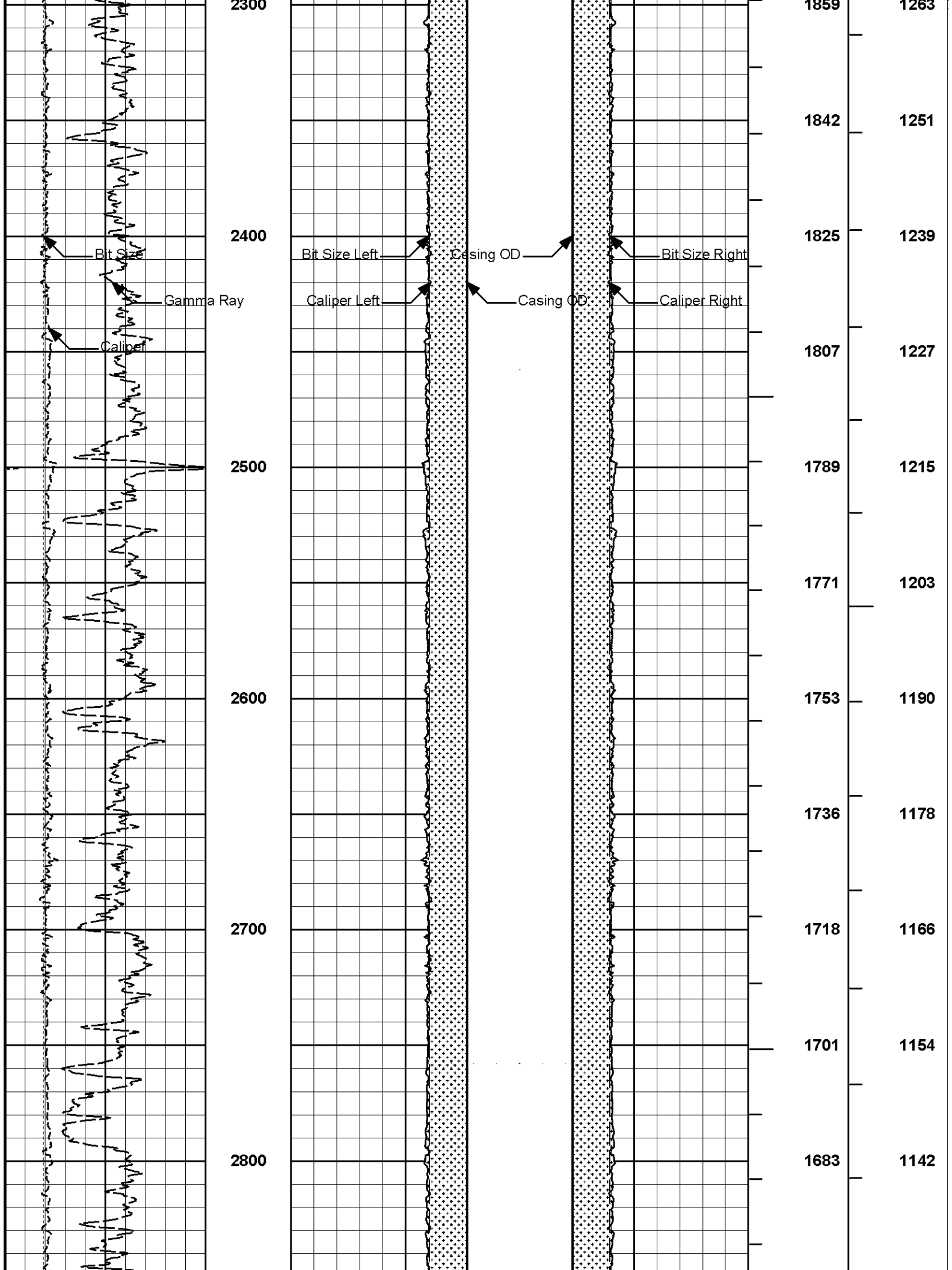
1299

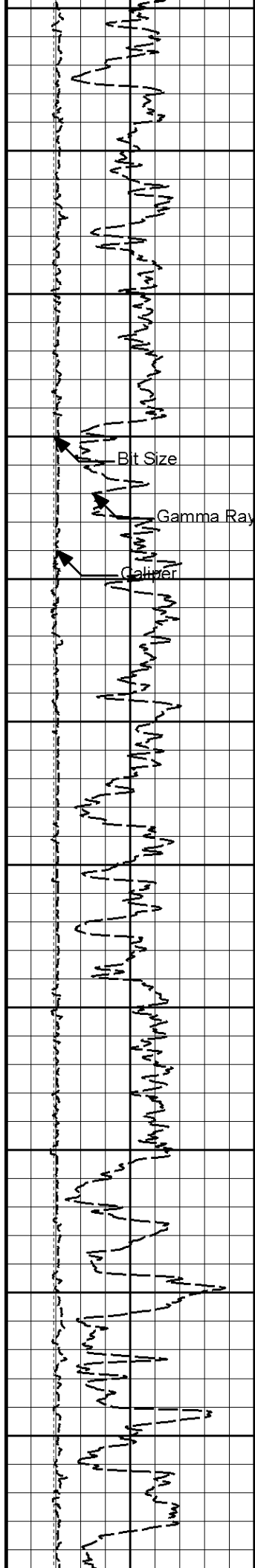
1287

1275

2053

1396





2900

3000

3100

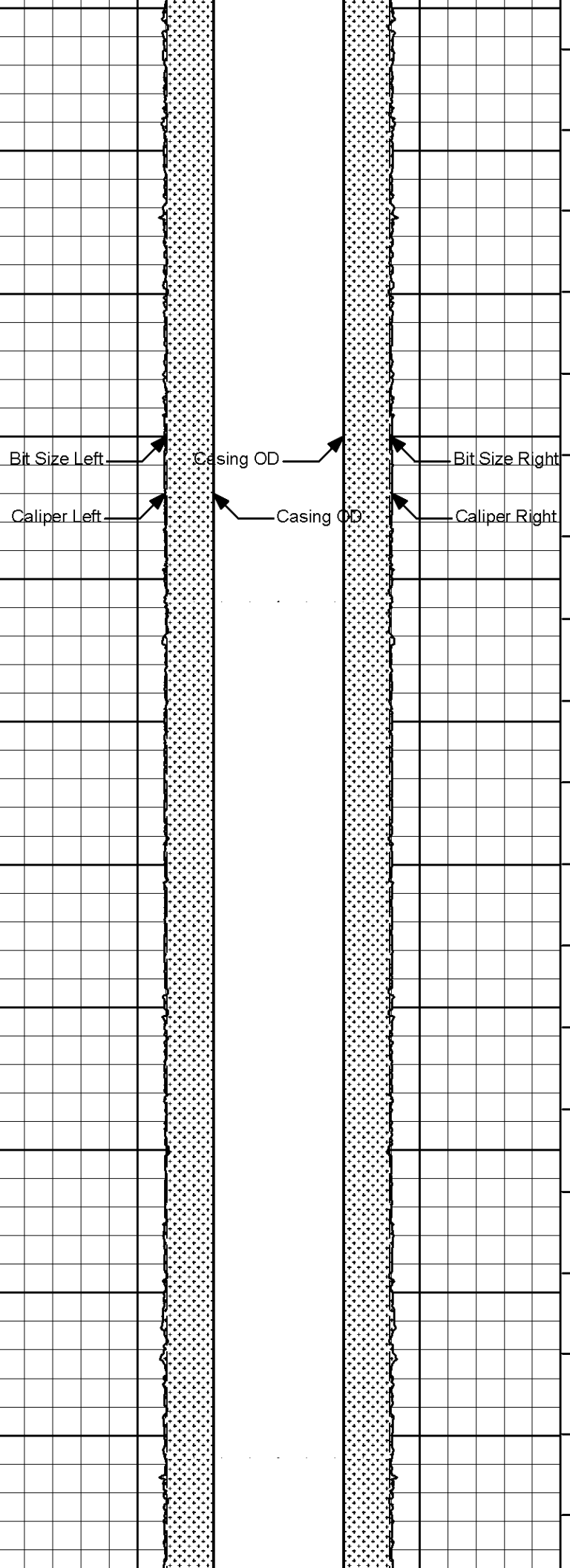
3200

3300

Bit Size

Gamma Ray

Caliper



Bit Size Left

Caliper Left

Casing OD

Casing OD

Bit Size Right

Caliper Right

1665

1647

1630

1612

1595

1577

1560

1542

1525

1508

1490

1130

1117

1105

1093

1081

1070

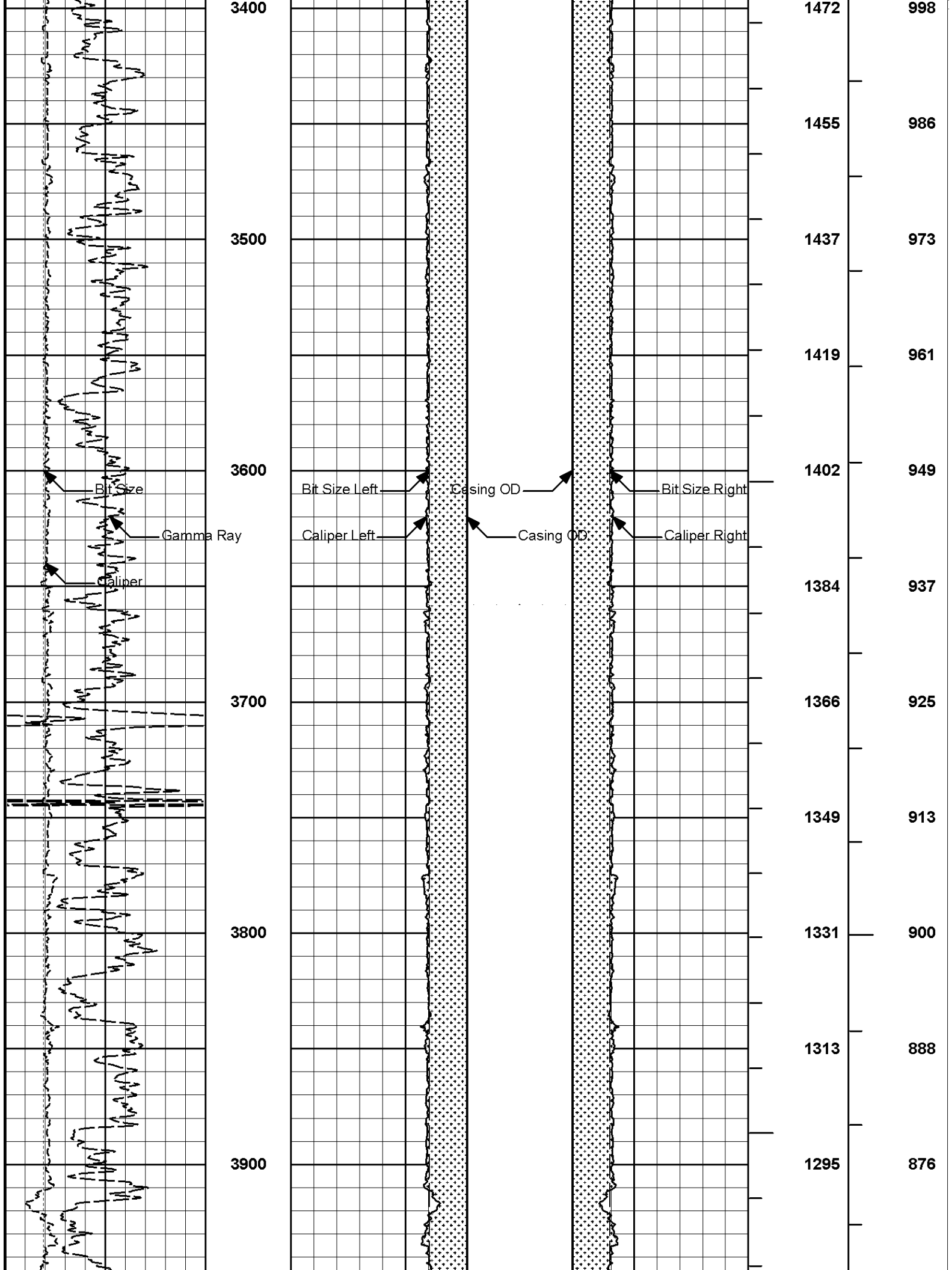
1058

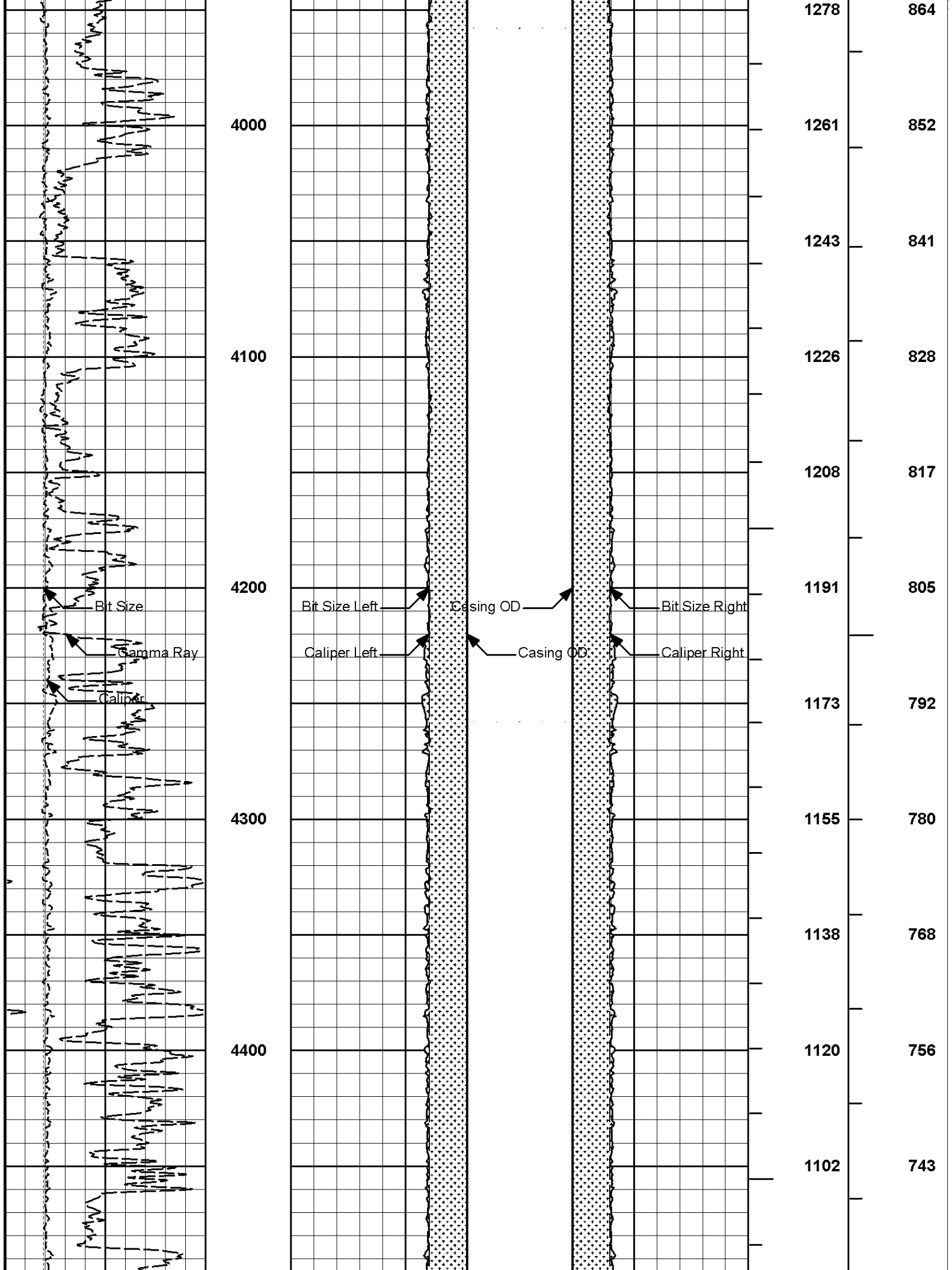
1046

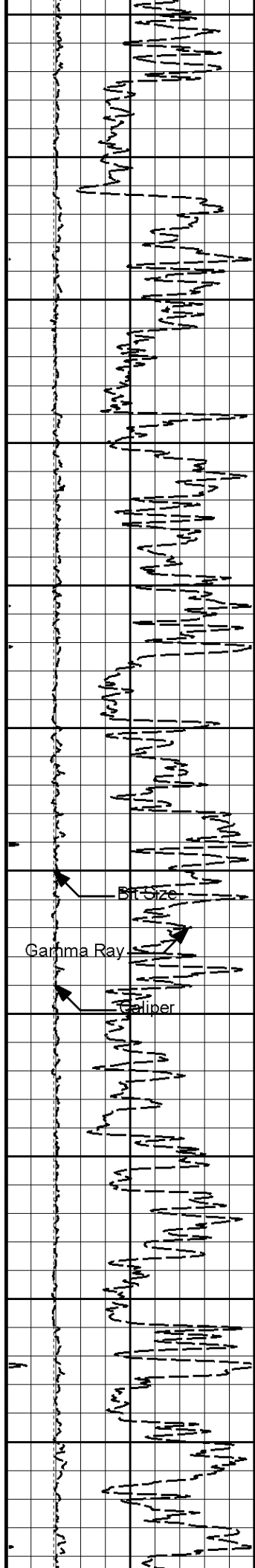
1034

1022

1010







4500

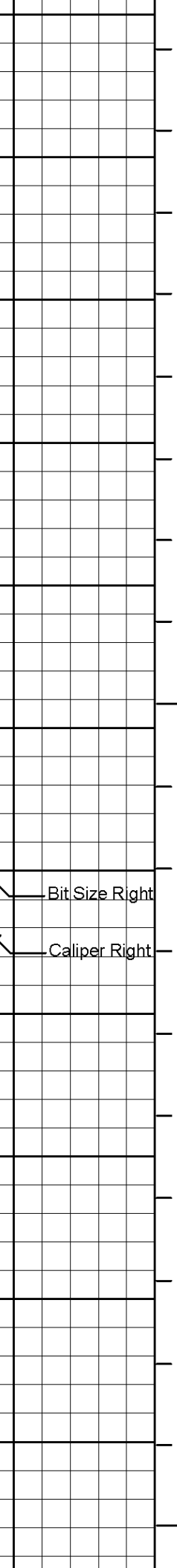
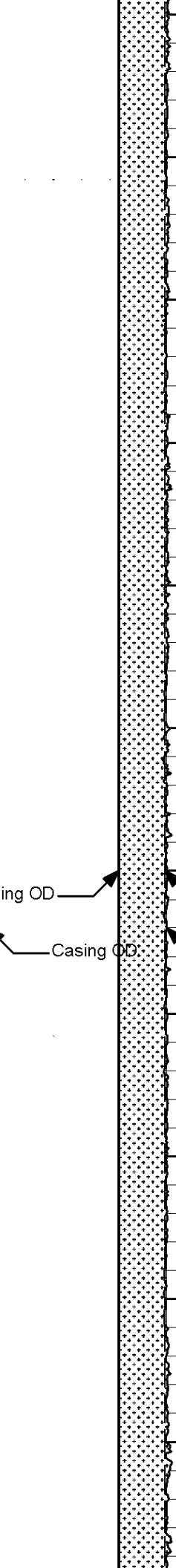
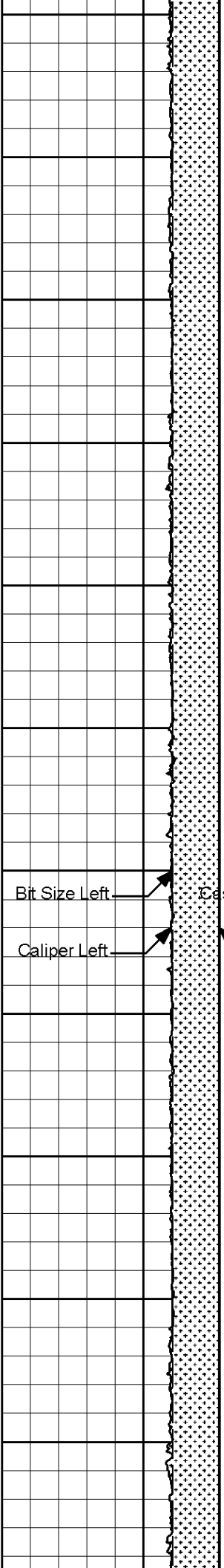
4600

4700

4800

4900

5000



1084

1067

1049

1032

1014

997

980

963

945

928

910

731

719

707

696

684

672

660

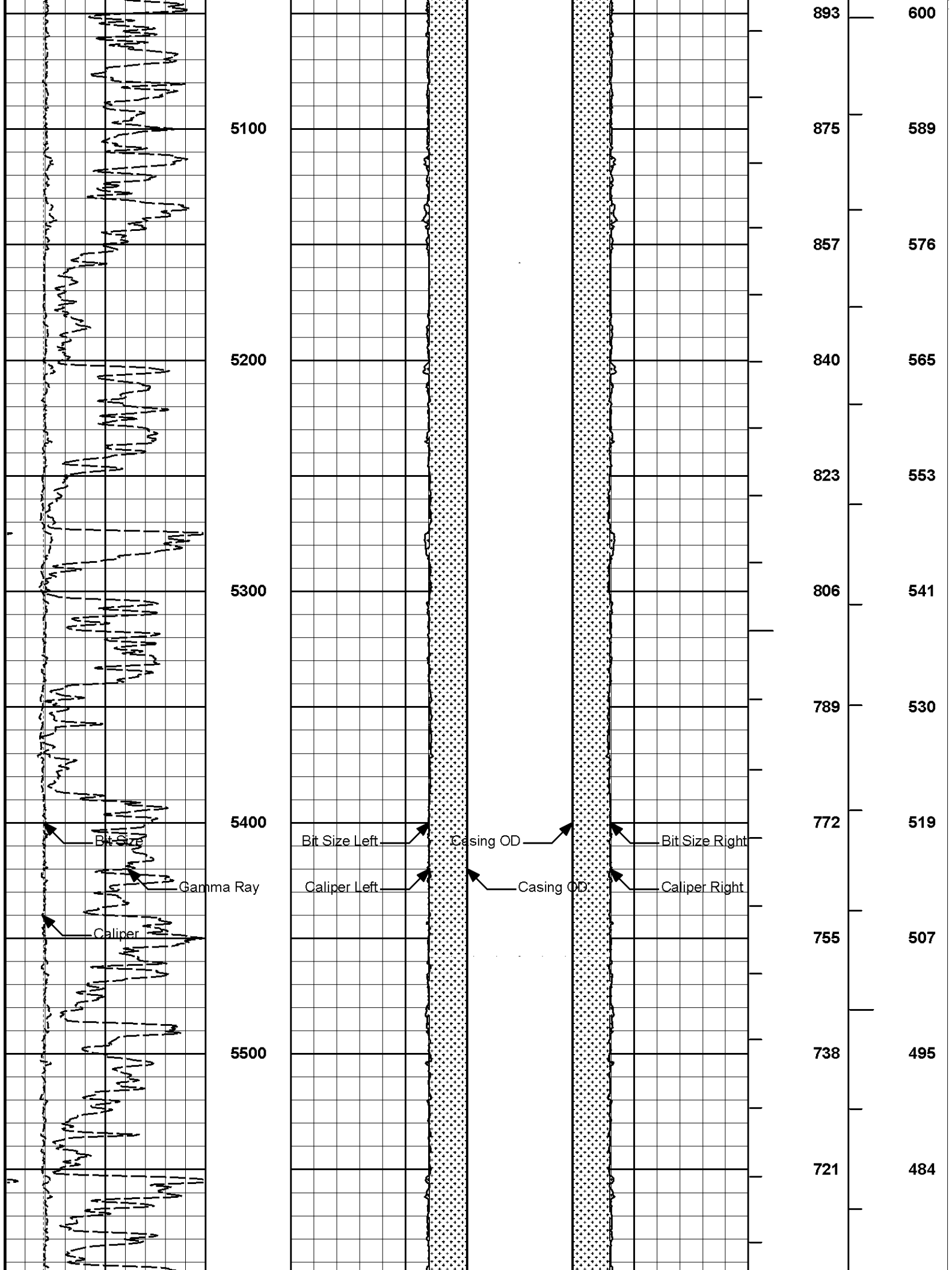
648

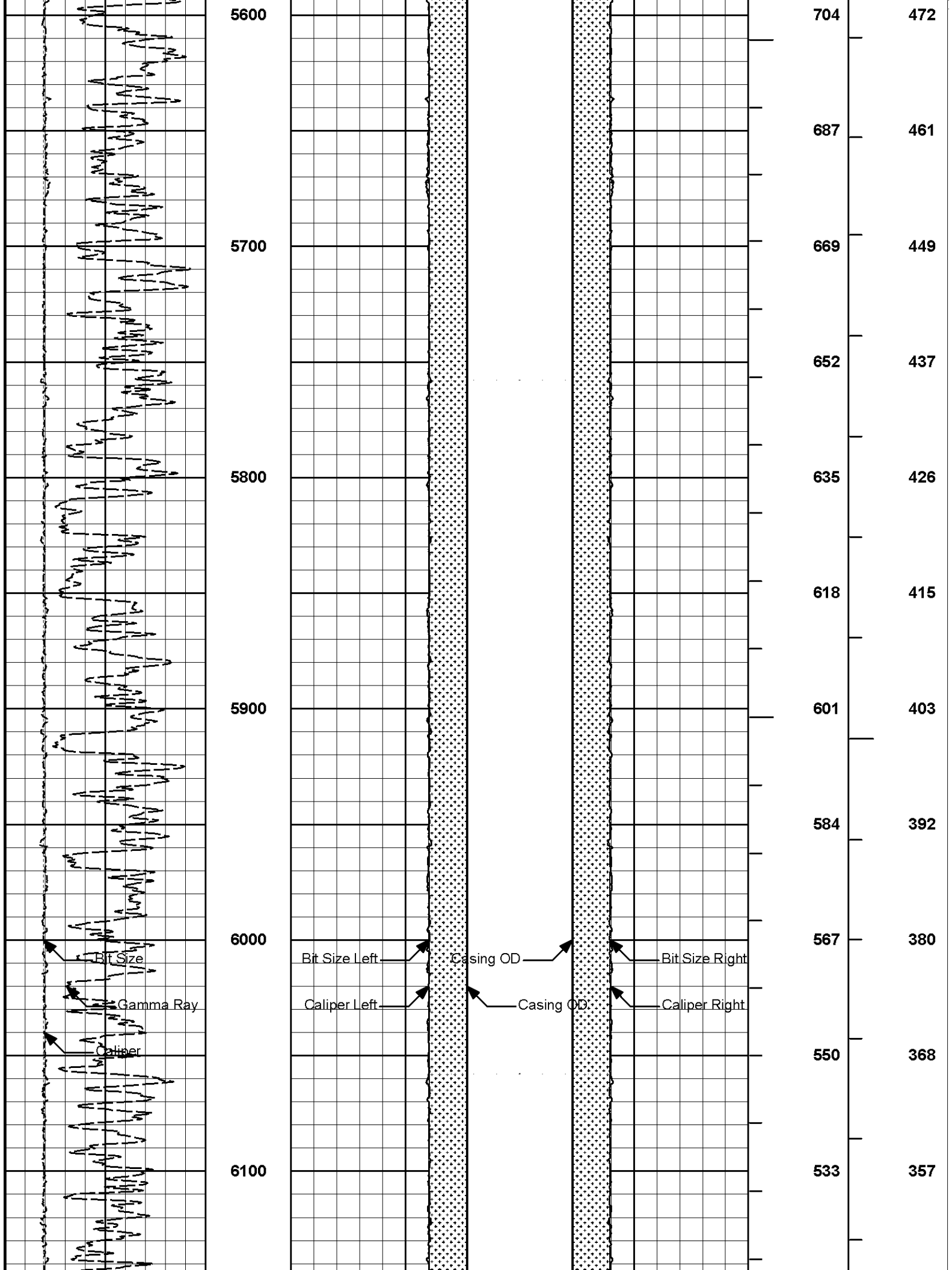
636

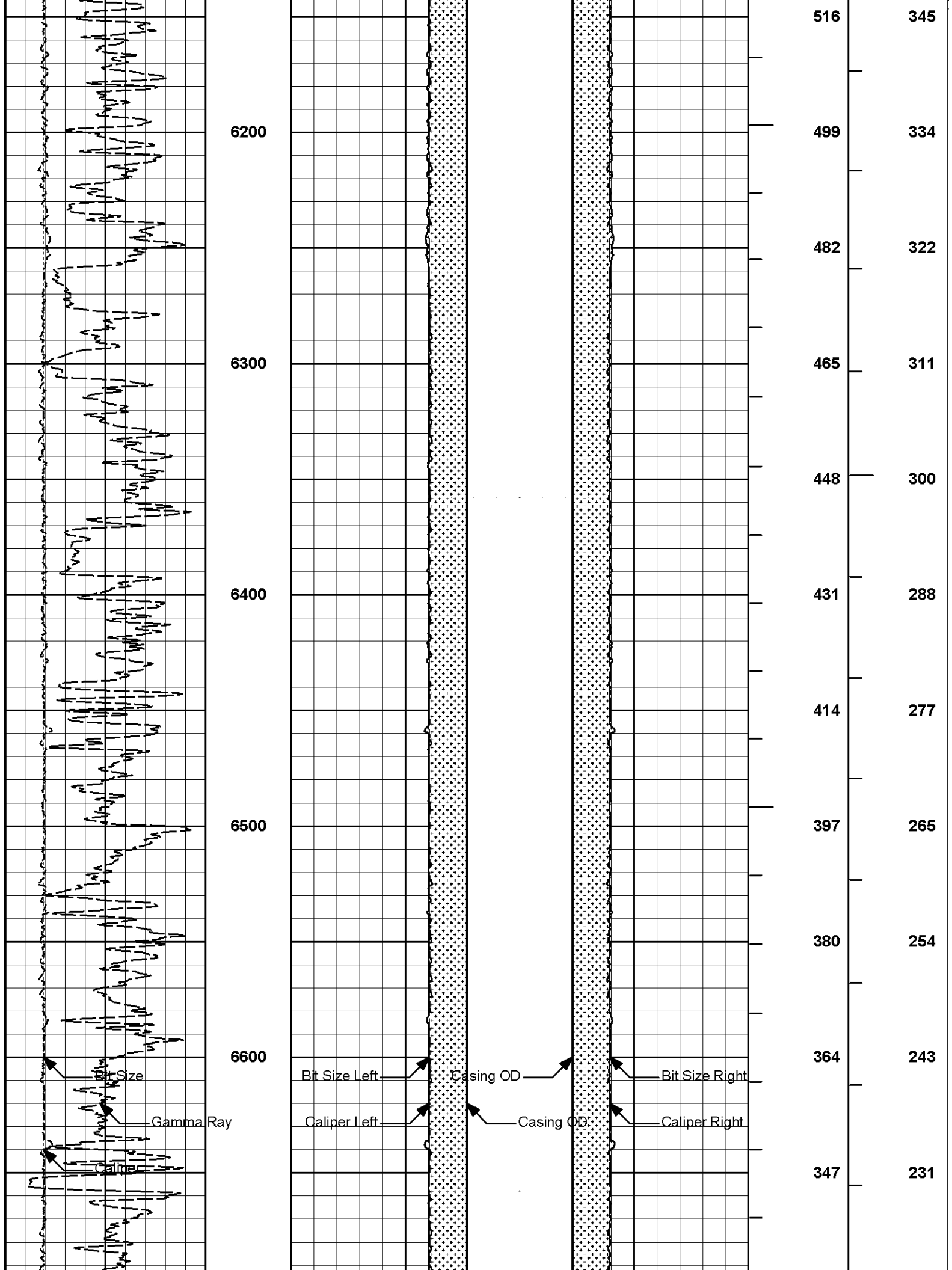
625

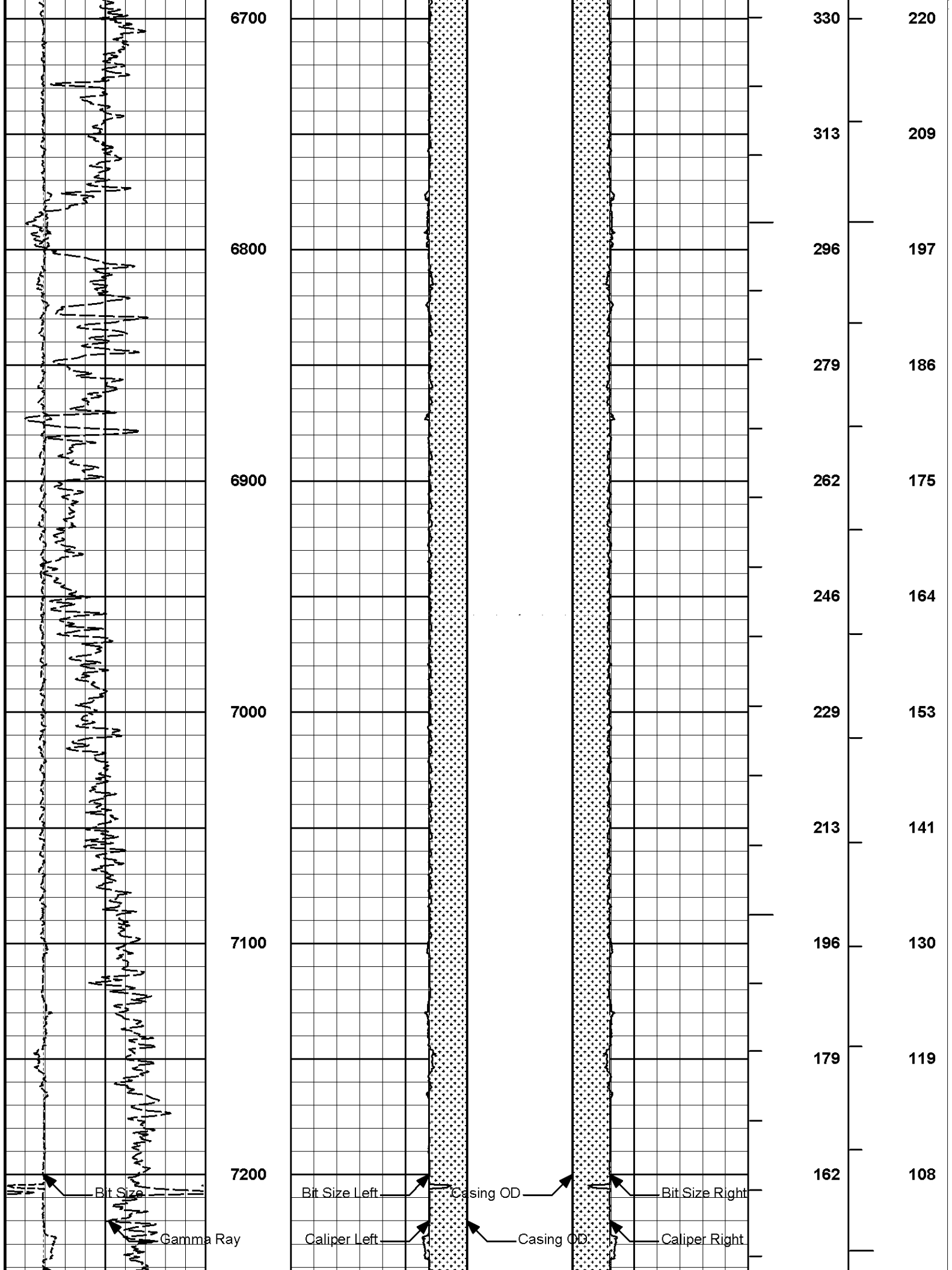
613

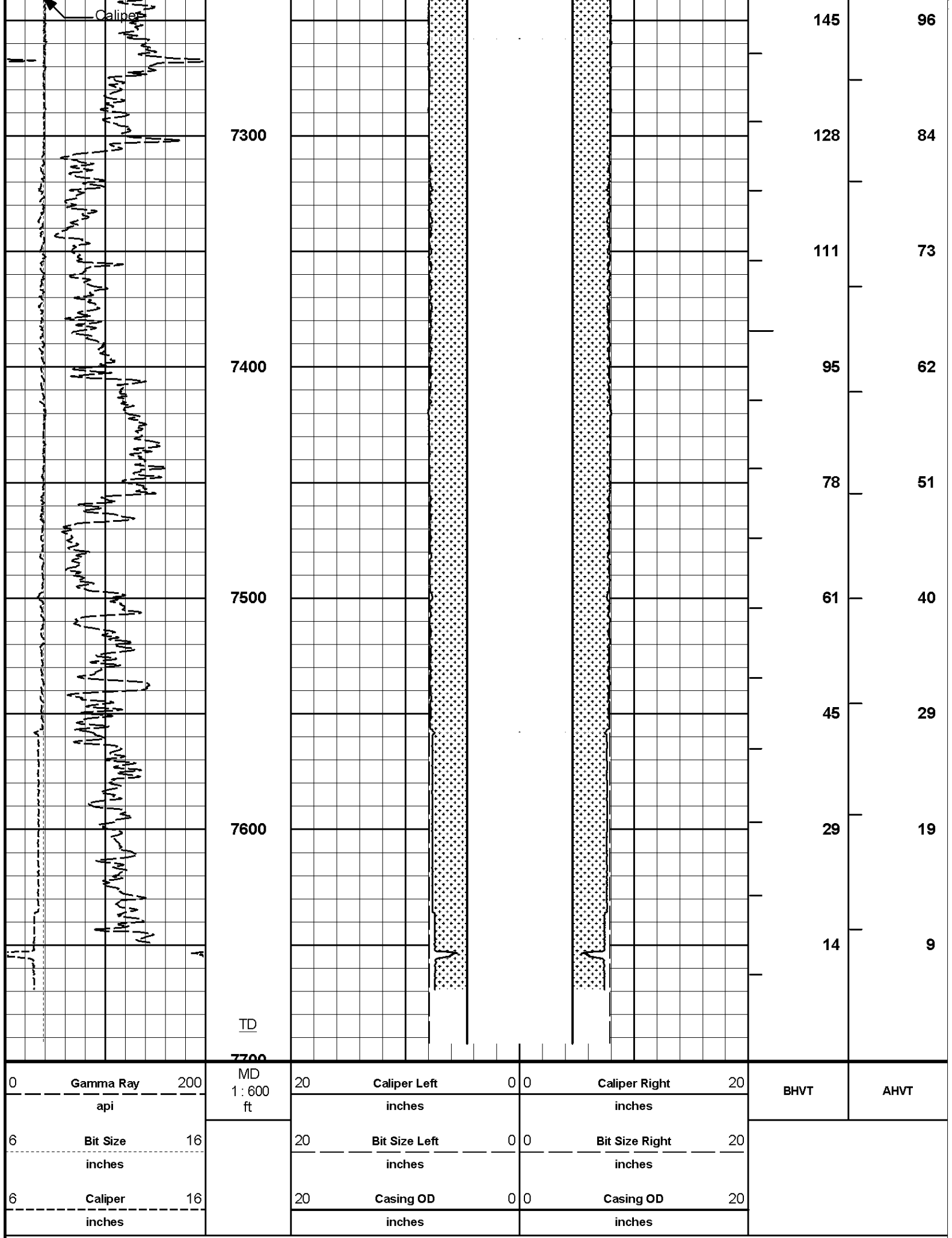












**HALLIBURTON**

Plot Time: 30-Oct-07 21:34:25  
Plot Range: 1558 ft. to 7700 ft.

Plot Range: 1550 ft to 7700 ft  
Data: PXP\_UW\_22\_12\Well Based\MAIN PASS - CASING\  
Plot File: \\BHV\BHV - IQ

## COMPANY PLAINS EXPLORATION AND PRODUCTION

WELL UTE WATER 22-12

FIELD	BRUSH CREEK
-------	-------------

COUNTY	MESA	STATE	CO
--------	------	-------	----

# HALLIBURTON

BOREHOLE VOLUME  
PLOT