



ONE	TD	CSG	REC	0	150	30	-10	47.6 us/ft	30	-10	2.77 g/cc	30	-10	LIME
-----	----	-----	-----	---	-----	----	-----	------------	----	-----	-----------	----	-----	------

DIRECTIONAL INFORMATION

Maximum Deviation @ KOP @

Remarks:

GTET-DSNT-SDLT-BSAT-ACRT RUN IN COMBINATION  
 ANNULAR HOLE VOLUME CALCULATED FOR 5.5 INCH CASING  
 CHLORIDES REPORTED AT 1600 PPM

HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF.

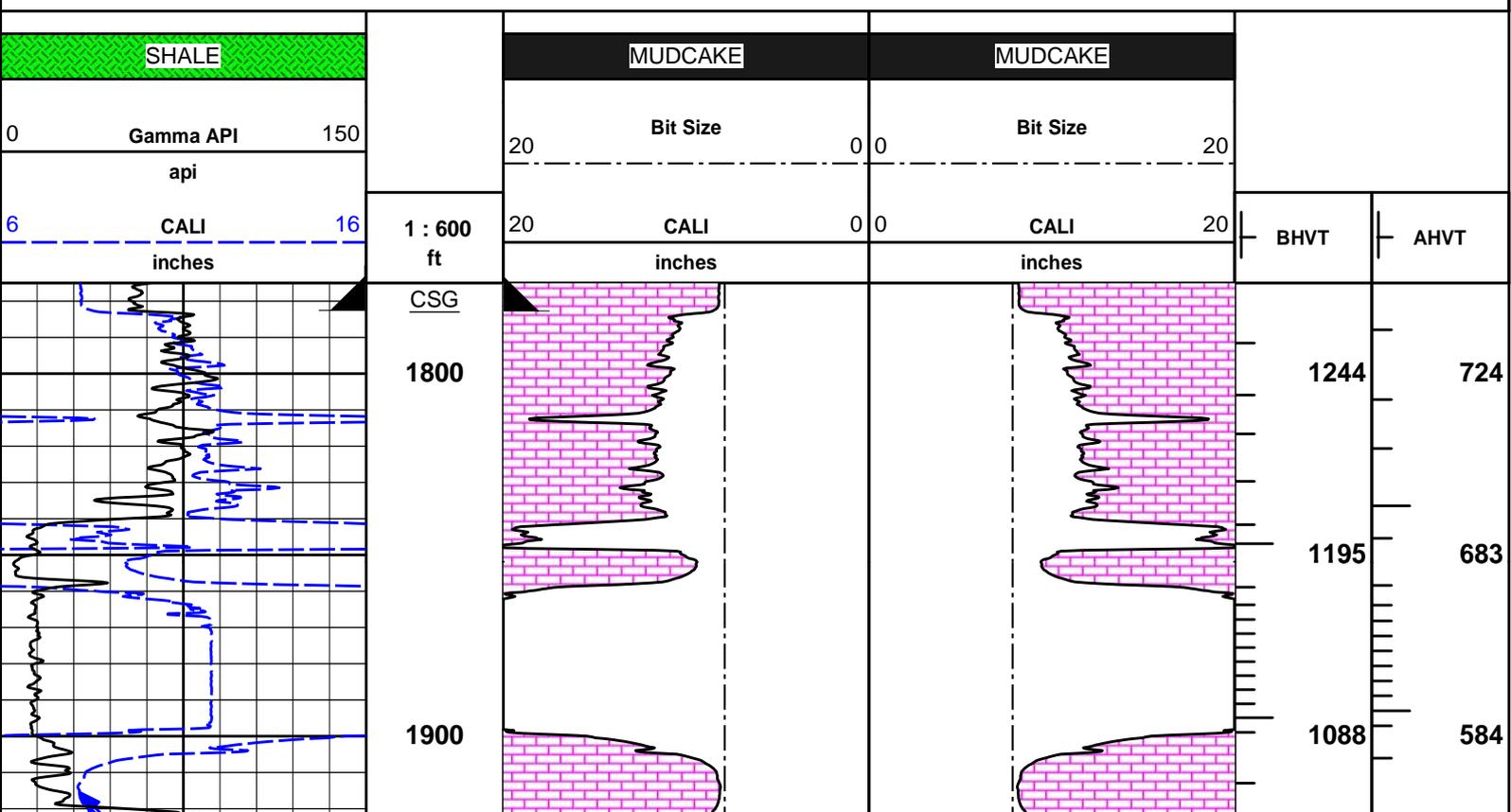
HALLIBURTON

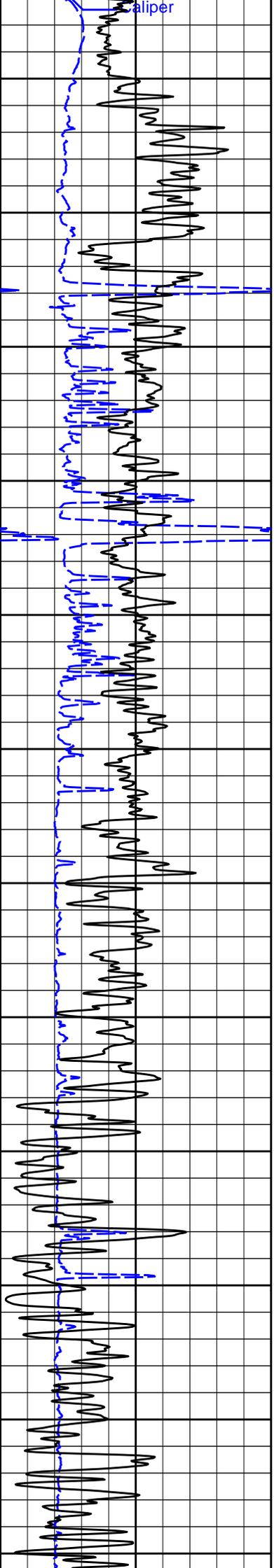


Plot Time: 12-Aug-18 01:16:48  
 Plot Range: 1775 ft to 4953.58 ft  
 Data: MERIT\_RIVERBND4Well Based\MAIN\_TD-CSG\  
 Plot File: \\LOCAL\MERIT\_RIVERBND4Well Based\AHV\AHV Plot\_INSITE\_IQ

# ANNULAR HOLE VOLUME PLOT

## AHV PLOT CALCULATED FOR 5 1/2" CASING





2000

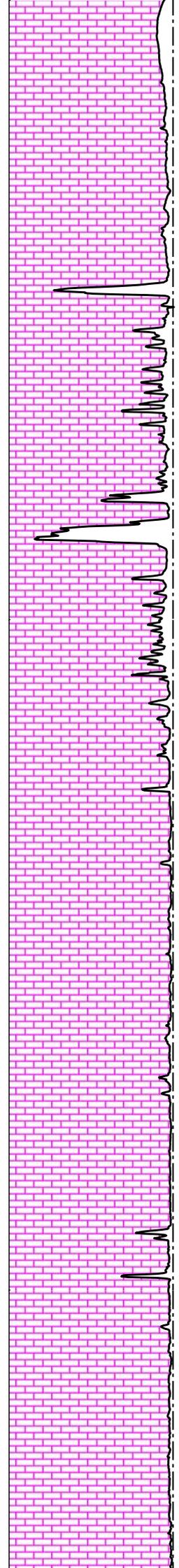
2100

2200

2300

2400

2500



1064

1045

1022

1001

972

952

933

915

897

878

860

842

569

558

543

530

510

497

487

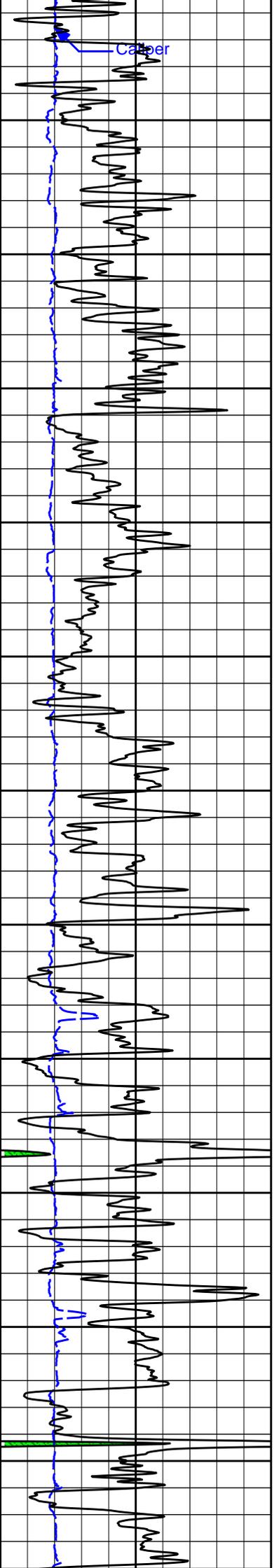
478

468

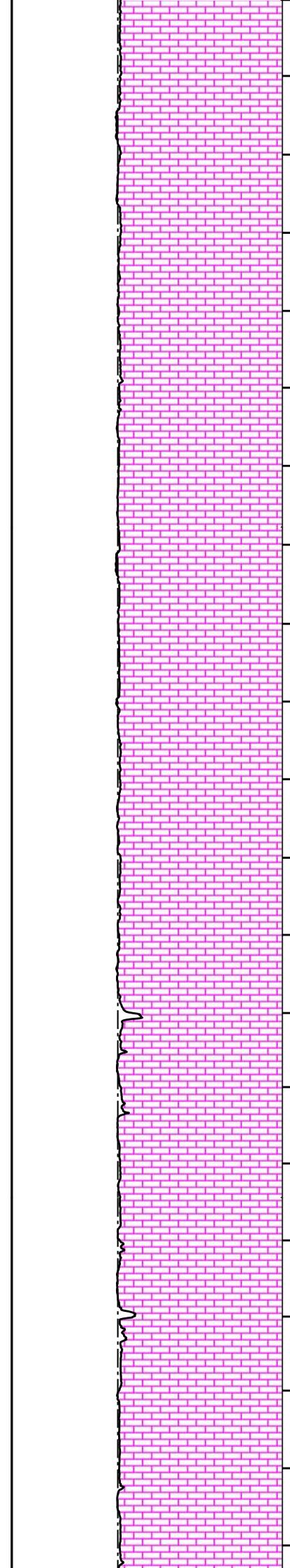
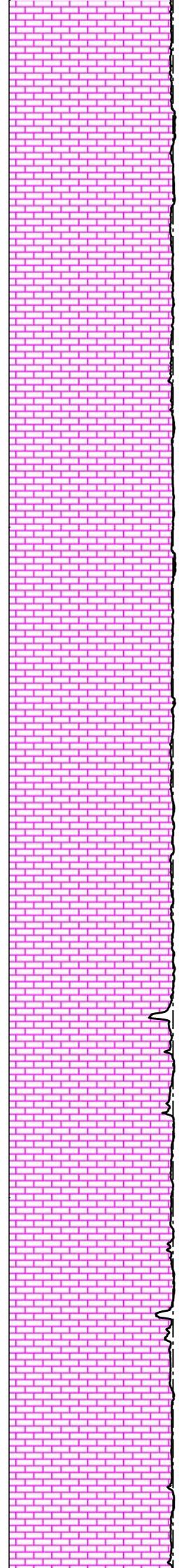
457

447

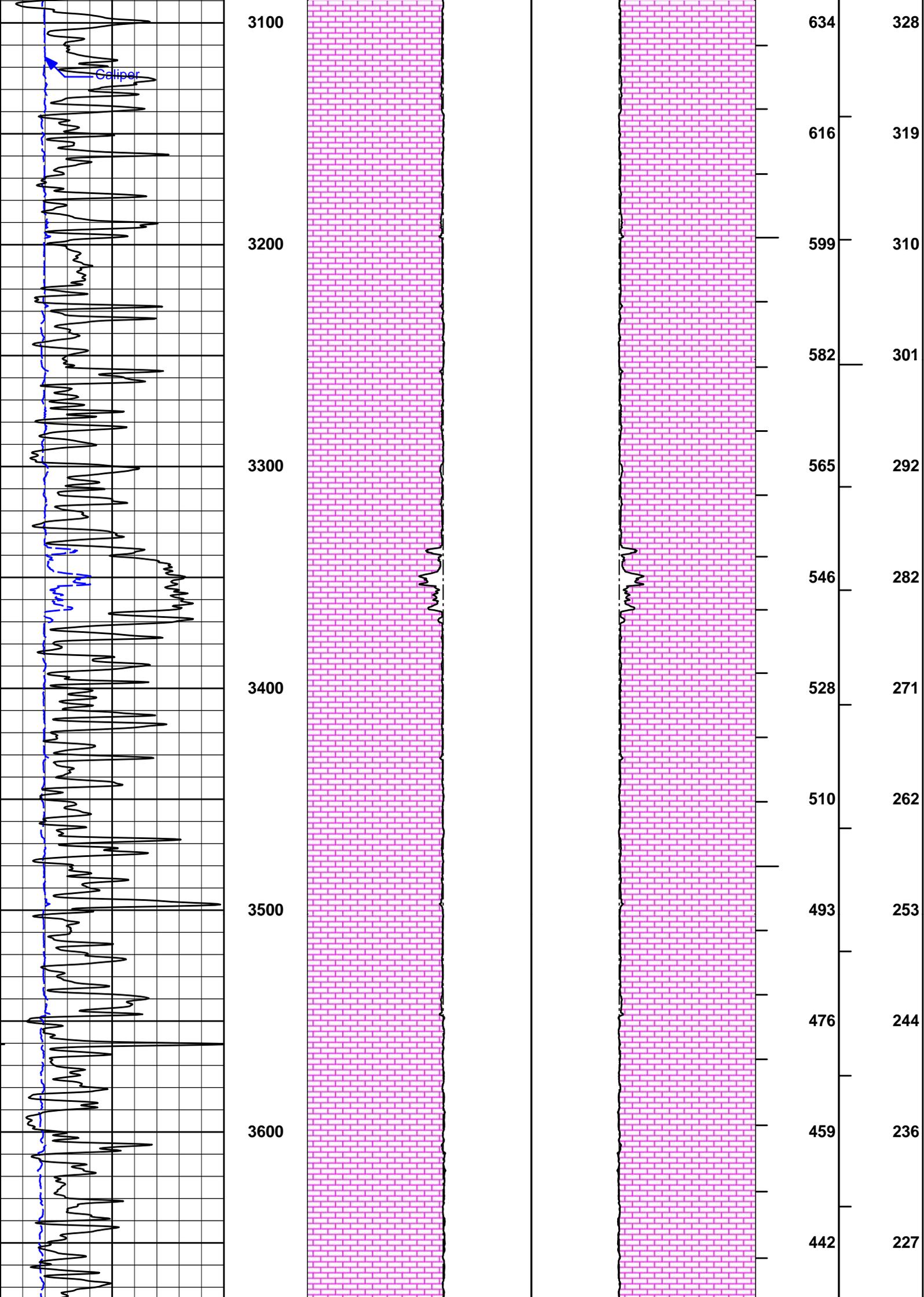
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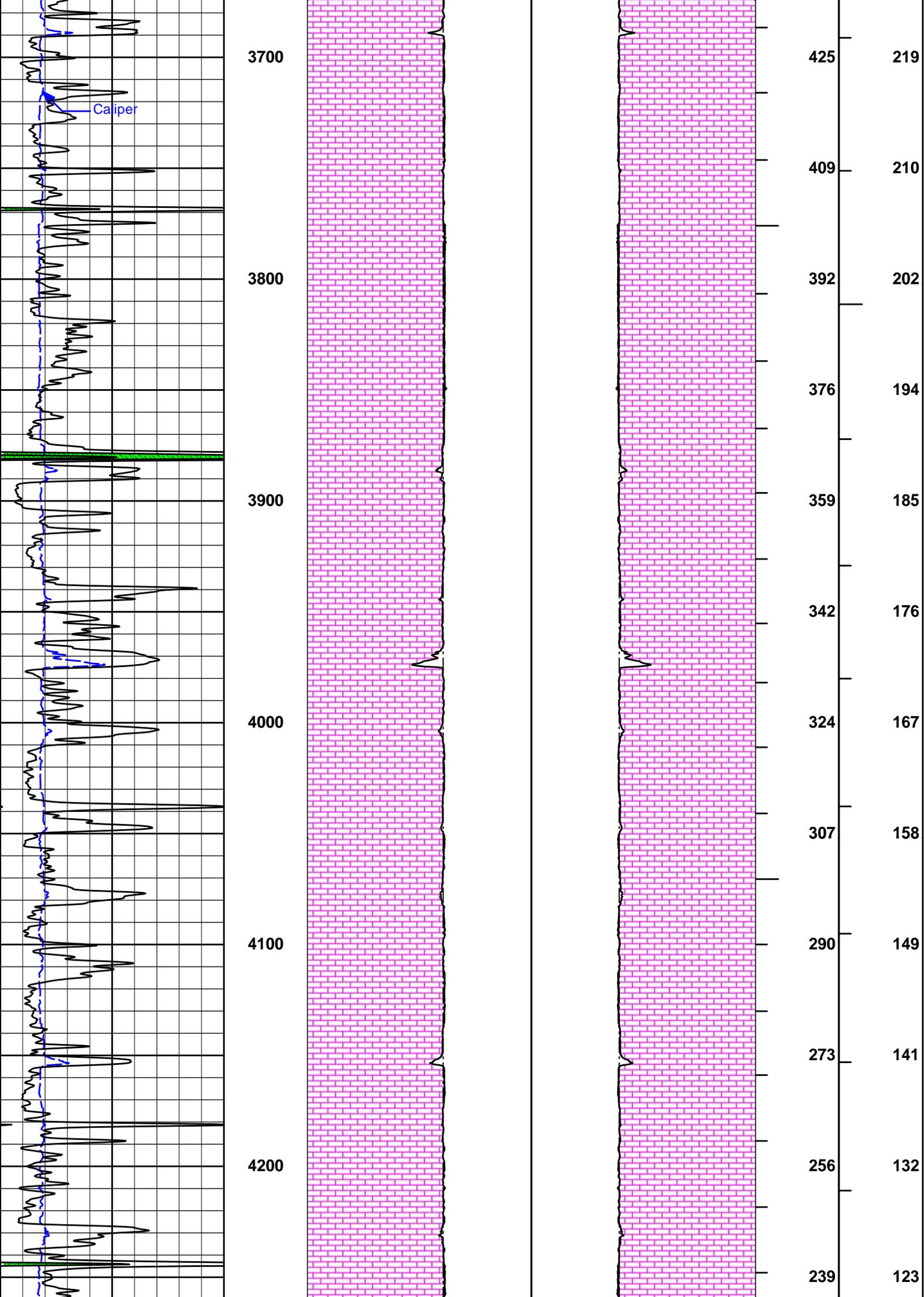


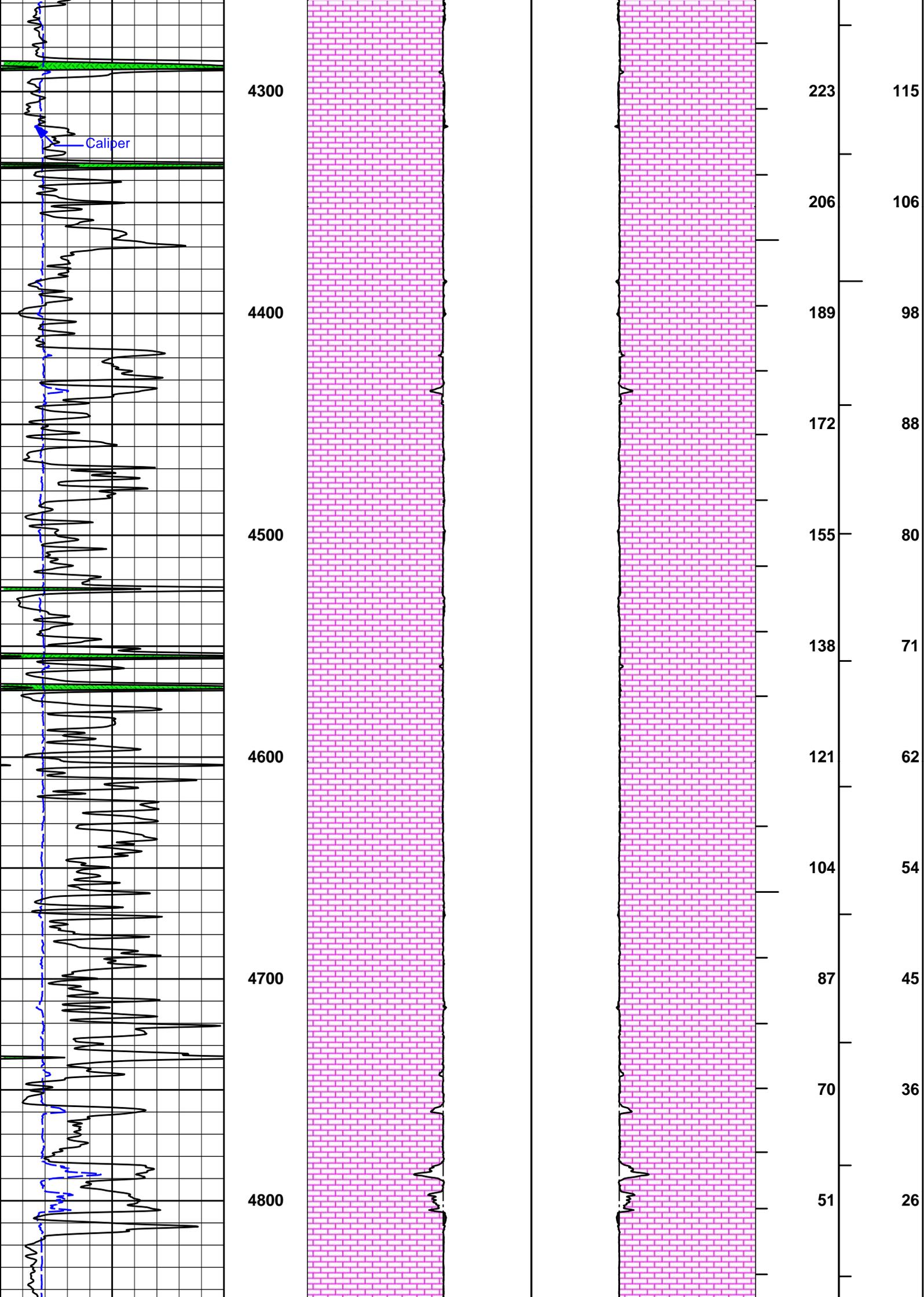
2600  
2700  
2800  
2900  
3000

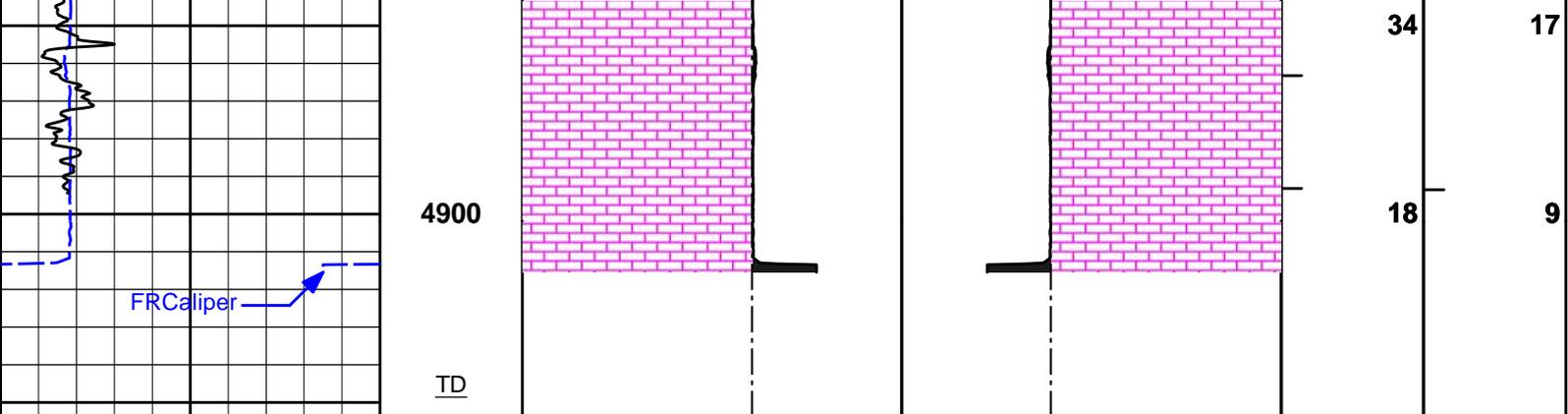


824 428  
807 419  
790 410  
773 401  
756 392  
739 383  
721 374  
704 365  
686 356  
669 346  
651 337









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

**HALLIBURTON**

Plot Time: 12-Aug-18 01:16:51  
 Plot Range: 1775 ft to 4953.58 ft  
 Data: MERIT\_RIVERBND4\Well Based\MAIN\_TD-CSG\  
 Plot File: \\-LOCAL-MERIT\_RIVERBND4\Well Based\AHV\AHV Plot\_INSITE\_IQ

## ANNULAR HOLE VOLUME PLOT

AHV PLOT CALCULATED FOR 5 1/2" CASING

COMPANY	MERIT ENERGY COMPANY		
WELL	RIVER BEND 4		
FIELD	ARKANSAS RIVER		
COUNTY	FINNEY	STATE	KANSAS

**HALLIBURTON**

ANNULAR  
HOLE VOLUME  
LOG  
5.5 INCH CASING