

ANNULAR HOLE VOLUME

Fold here

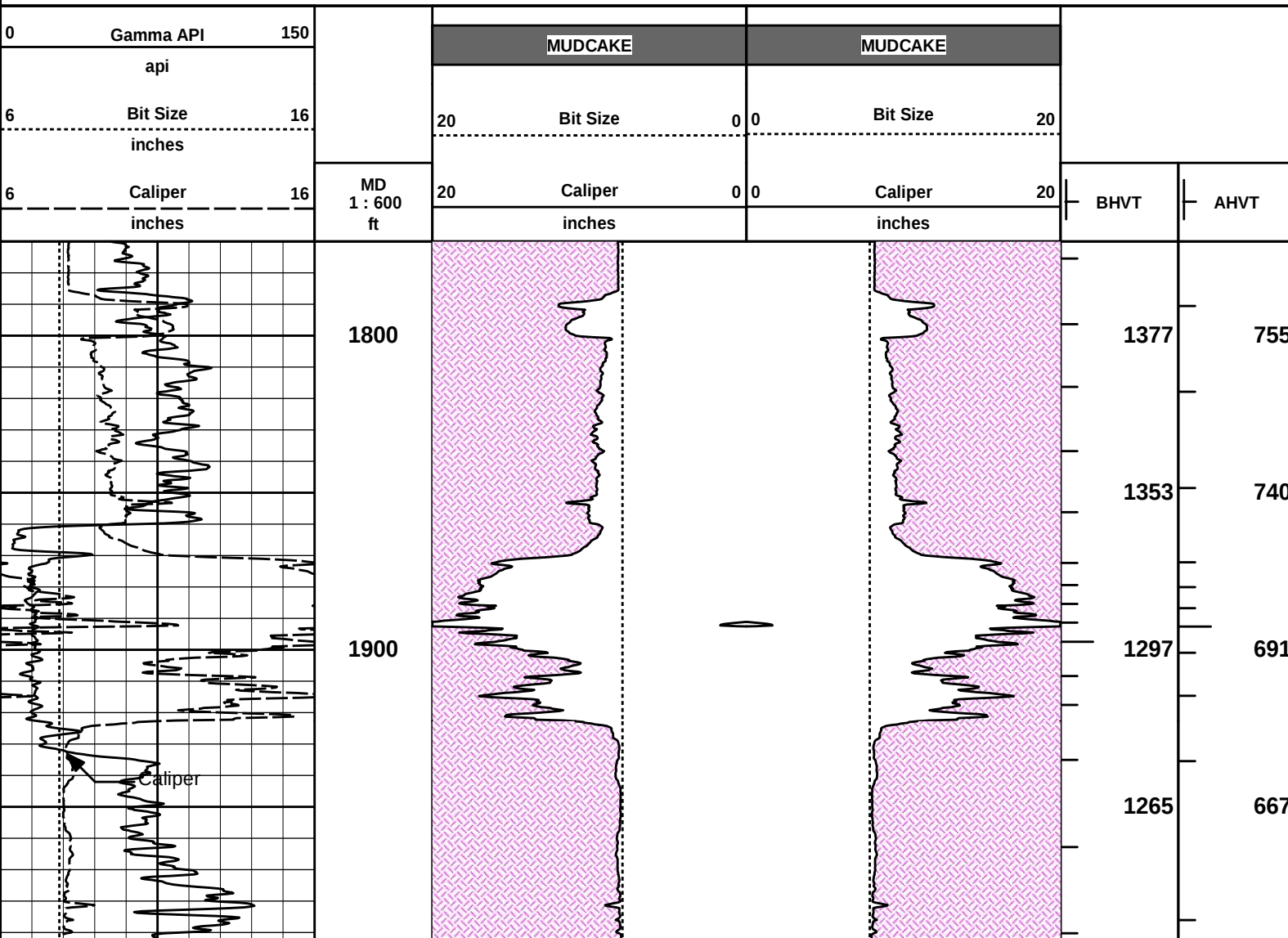
Service Ticket No.: 905001298						API No.: 15081221780000						PGM Version: WL INSITE R5.6.0 (Build 2)					
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE								RESISTIVITY SCALE CHANGES									
Date	Sample No.							Type Log	Depth		Scale Up Hole		Scale Down Hole				
Depth-Driller																	
Type Fluid 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.			@			@				I-12109517							
Source Rmf	Rmc									S-12109515							
Rm @ BHT			@			@											
Rmf @ BHT			@			@											
Rmc @ BHT			@			@											
EQUIPMENT DATA																	
GAMMA				ACOUSTIC				DENSITY				NEUTRON					
Run No.		ONE		Run No.		ONE		Run No.		ONE		Run No.		ONE			
Serial No.		11013114		Serial No.		10747686		Serial No.		12153520		Serial No.		10993115			
Model No.		GTET		Model No.		BSAT		Model No.		SDLT		Model No.		DSNT			
Diameter		3.625"		No. of Cent.		2		Diameter		5.5"		Diameter		3.625"			
Detector Model No.		T-102		Spacing		EVEN		Log Type		GAM-GAM		Log Type		NEU-NEU			
Type		SCINT						Source Type		CS137		Source Type		AM241BE			
Length		8"		LSA [Y/N]				Serial No.		5471GW		Serial No.		DSN-424			
Distance to Source		N/A		FWDA [Y/N]				Strength		1.78 Ci		Strength		15.0 Ci			
LOGGING DATA																	
GENERAL				GAMMA		ACOUSTIC			DENSITY			NEUTRON					
Run	Depth		Speed	Scale		Scale		Matrix	Scale		Matrix	Scale		Matrix			
No.	From	To	ft/min	L	R	L	R		L	R		L	R				
ONE	TD	CSG	REC	0	150	30	-10	47.6 uSec/ft	30	-10	2.71 gr/cc	30	-10	LIME			

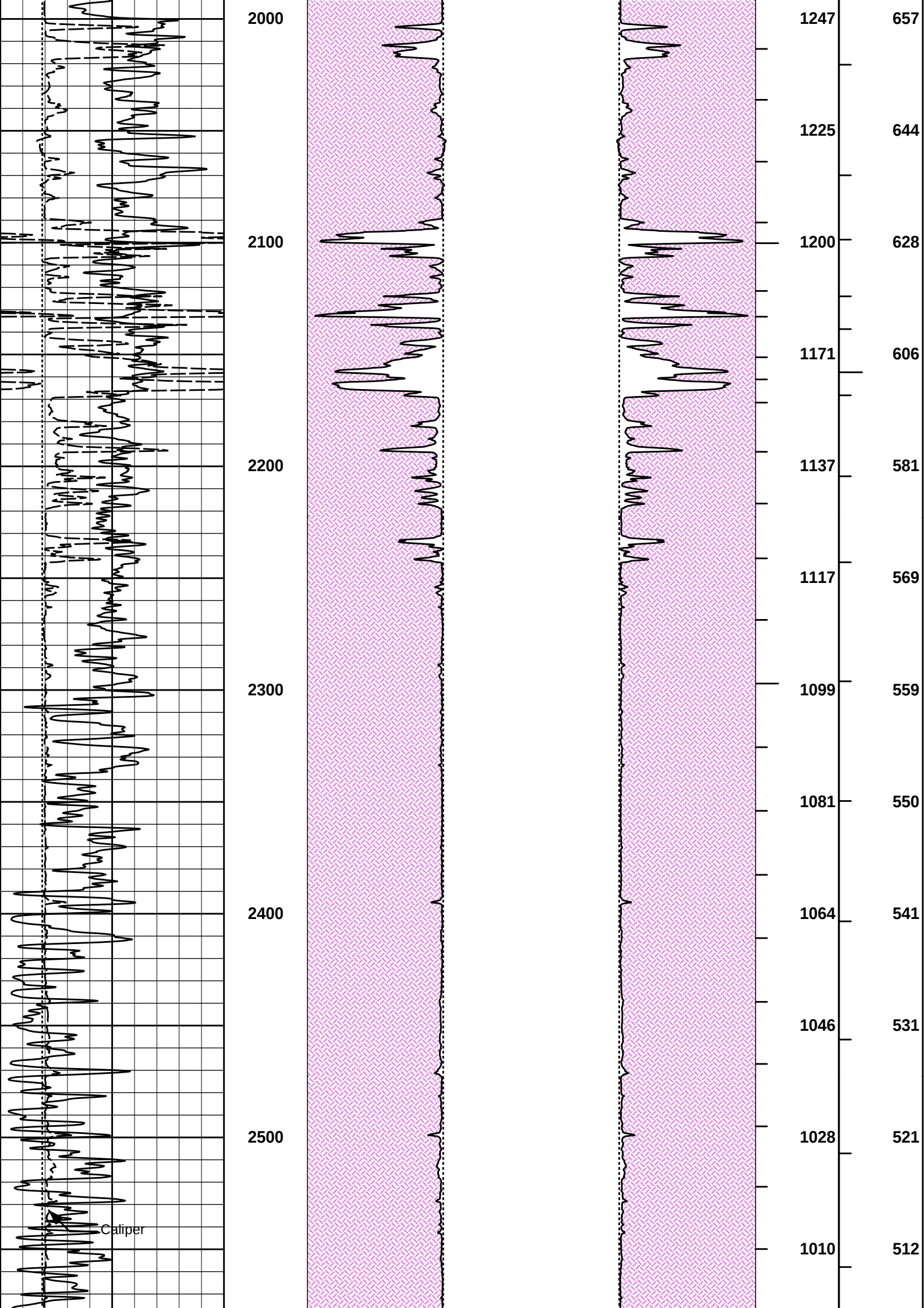
[illegible]

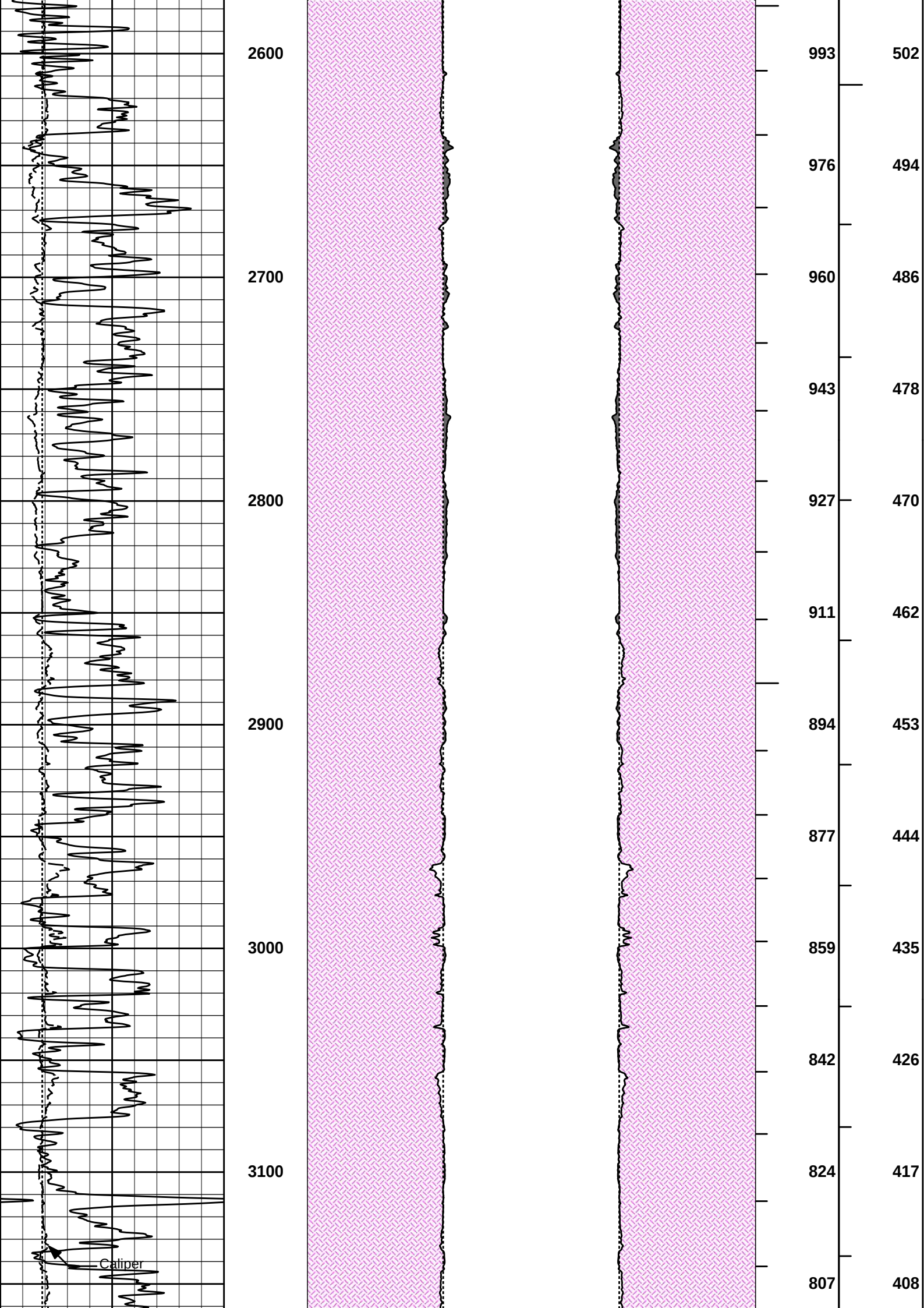
HALLIBURTON

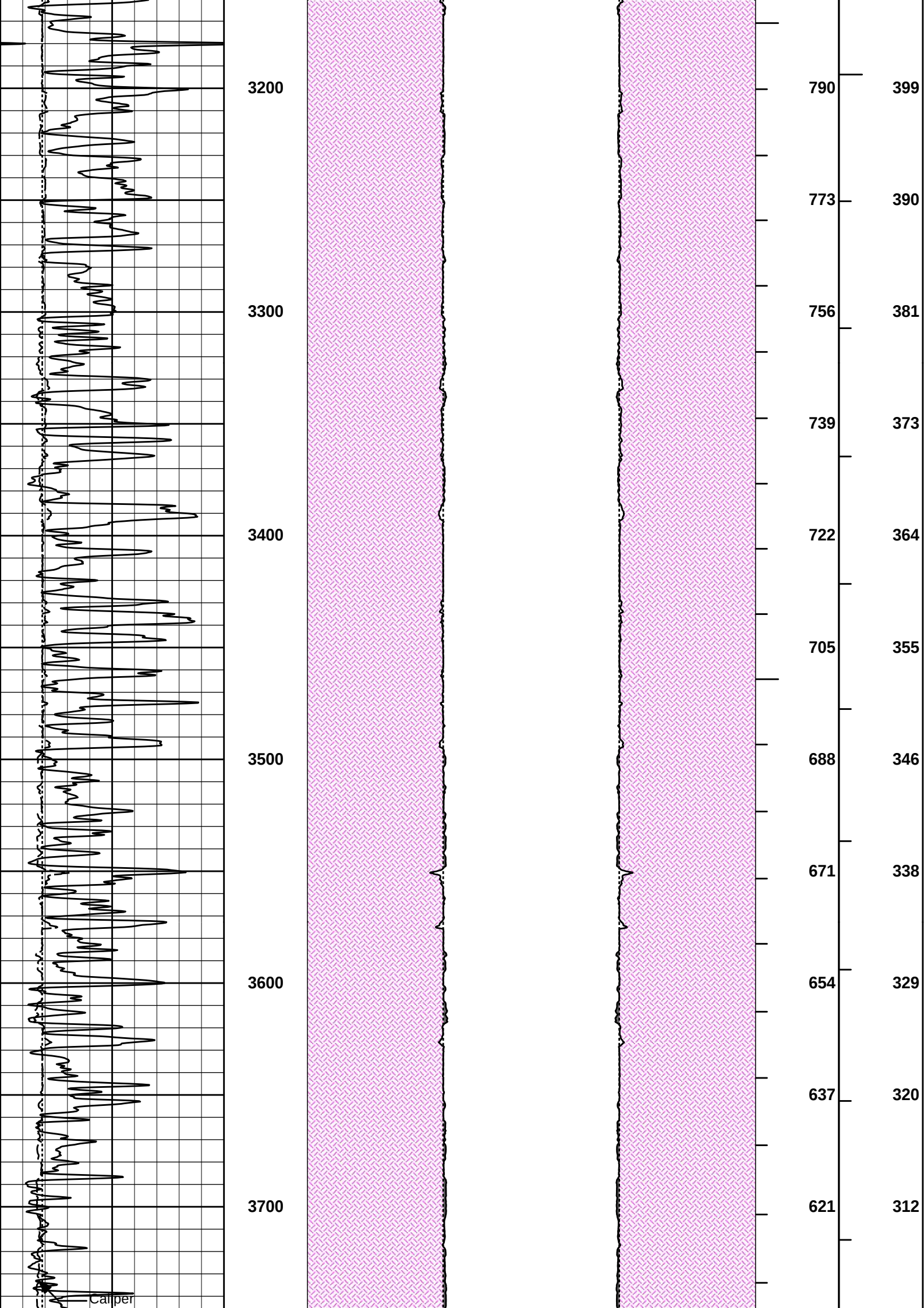
Plot Time: 24-Jul-18 14:27:41
Plot Range: 1770 ft to 5571.25 ft
Data: WELCH-BELL_1\Well Based\MAIN\
Plot File: \\LOCAL-WELCH-BELL_1\Well Based\AHV\AHV_2_IQ_LIB

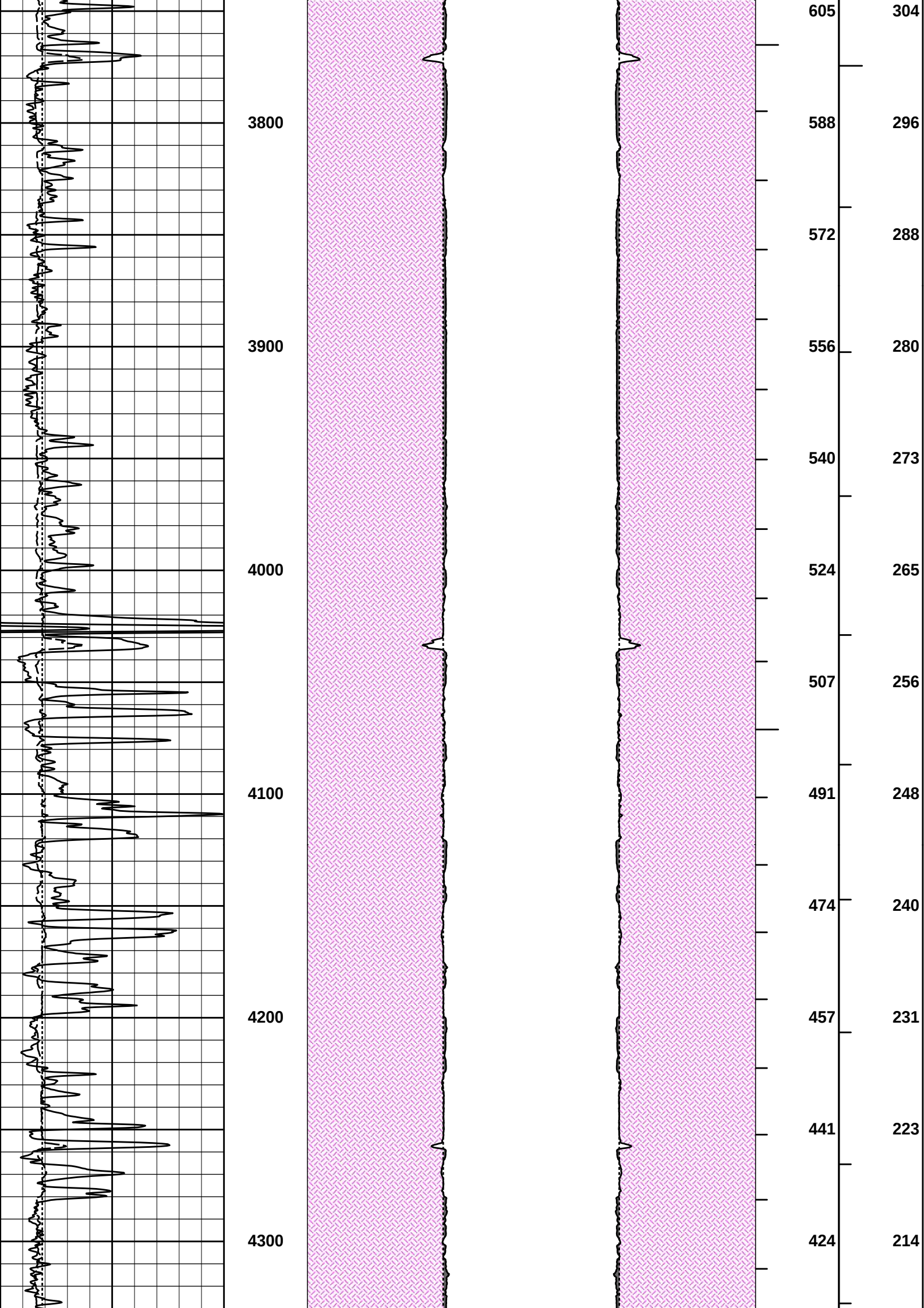
ANNULAR HOLE VOLUME PLOT

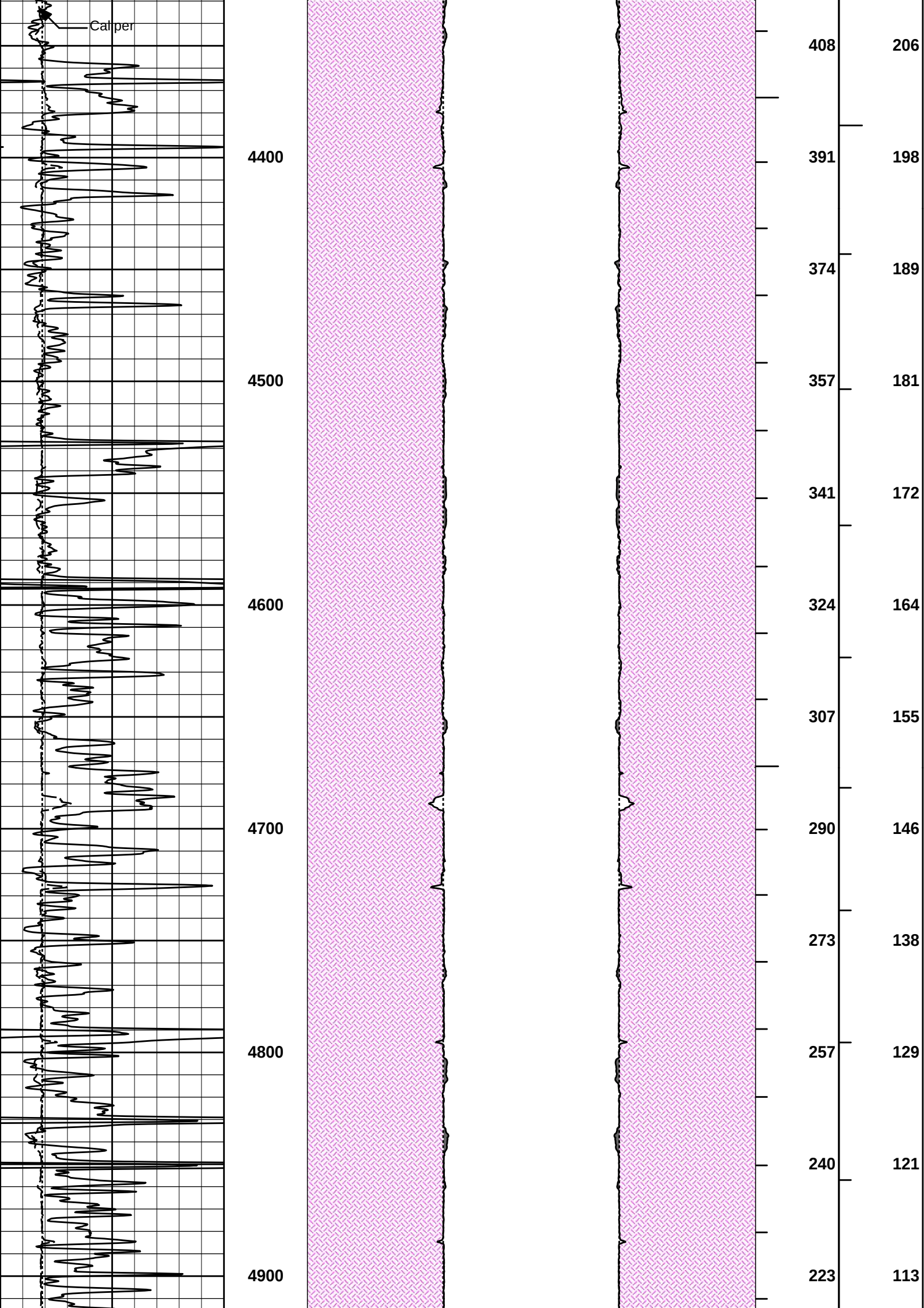


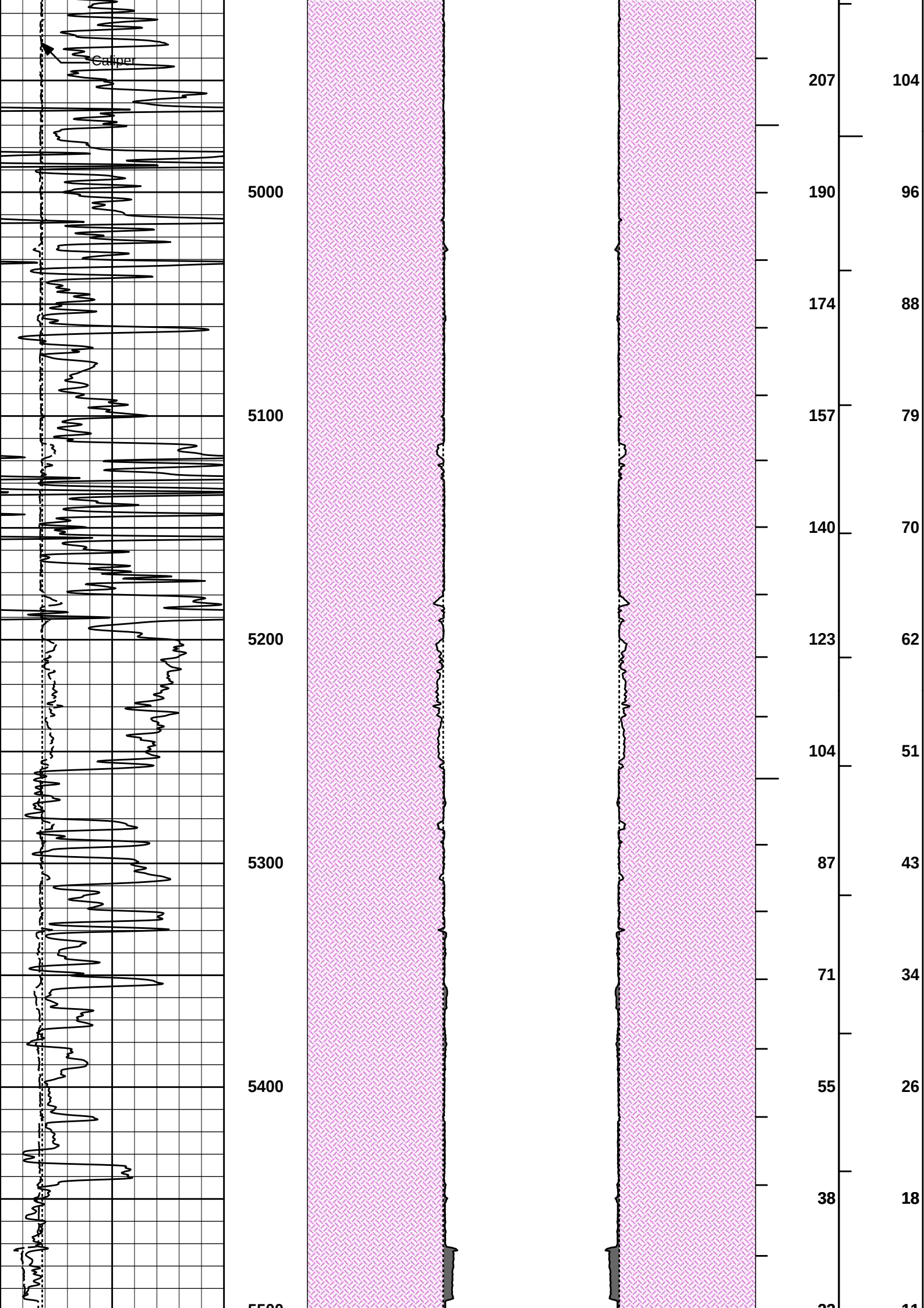


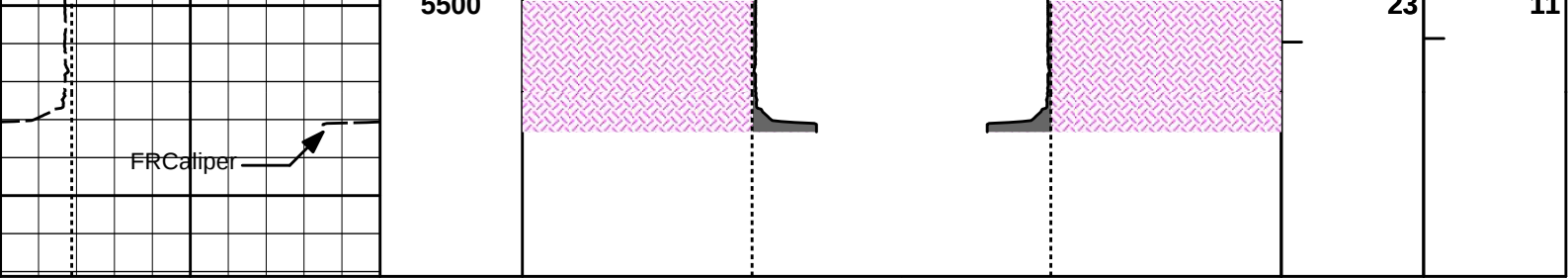












6		Caliper	16	MD 1 : 600 ft	20	Caliper	0 0	Caliper	20	BHVT	AHVT
		inches					inches				
6		Bit Size	16		20	Bit Size	0 0	Bit Size	20		
		inches									
0		Gamma API	150				MUDCAKE				
		api									

HALLIBURTON

Plot Time: 24-Jul-18 14:27:44
Plot Range: 1770 ft to 5571.25 ft
Data: WELCH-BELL_1\Well Based\MAIN\
Plot File: \\-LOCAL-WELCH-BELL_1\Well Based\AHV\AHV_2_IQ_LIB

ANNULAR HOLE VOLUME PLOT

COMPANY	MERIT ENERGY COMPANY										
WELL	WELCH BELL 1										
FIELD	EUBANK										
COUNTY	HASKELL				STATE		KANSAS				
HALLIBURTON						ANNULAR HOLE VOLUME					