

HALLIBURTON

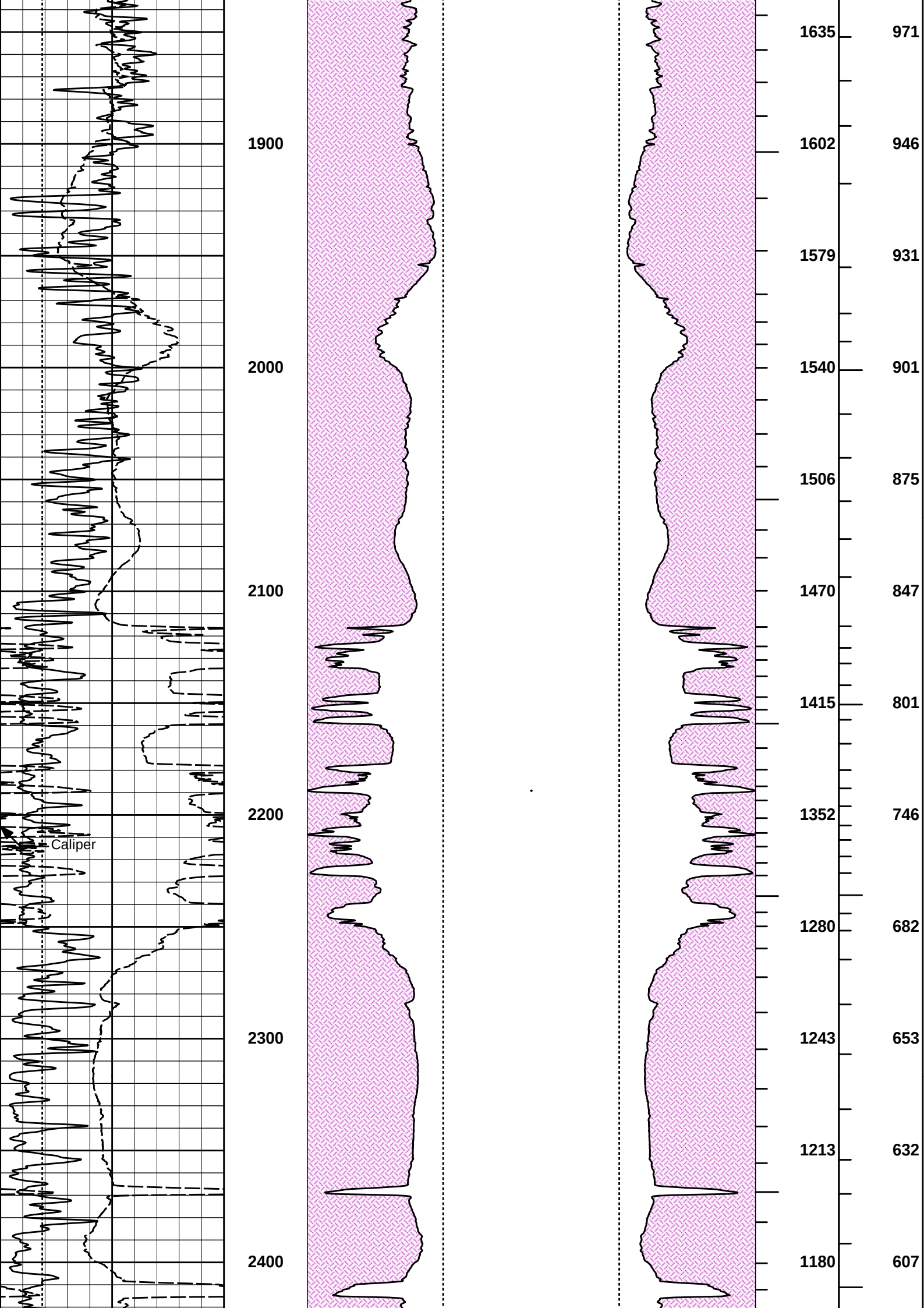
ANNULAR HOLE VOLUME

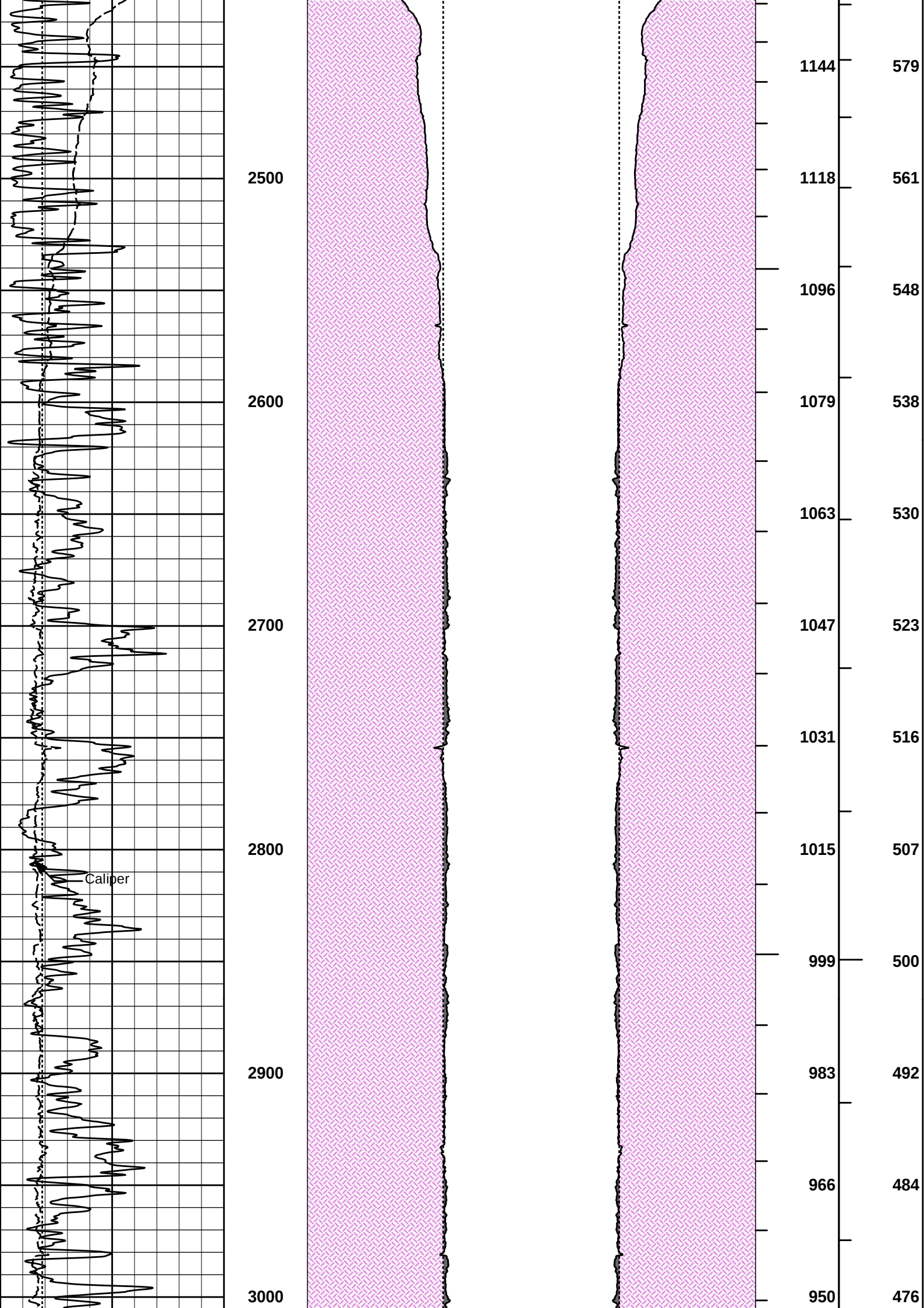
RAYDON EXPLORATION, INC.										ANNULAR HOLE VOLUME									
THORP 1-26R																			
KISMET																			
SEWARD																			
KANSAS																			
COMPANY					RAYDON EXPLORATION, INC.														
WELL					THORP 1-26R														
FIELD/BLOCK					KISMET														
COUNTY					SEWARD														
STATE					KANSAS														
Permanent Datum					GL					Elev. 2738.0 ft					Elev.: K.B. 2749.0 ft				
Log measured from					KB					11.0 ft above perm. Datum					D.F. 2749.0 ft				
Drilling measured from					KB										G.L. 2738.0 ft				
Date					12-Jul-18														
Run No.					ONE														
Depth - Driller					5880.0 ft														
Depth - Logger					5873.0 ft														
Bottom - Logged Interval					5804.00 ft														
Top - Logged Interval					1639.00 ft														
Casing - Driller					8.625 in @ 1636.0 ft					@					@				
Casing - Logger					1639.0 ft														
Bit Size					7.875 in					@					@				
Type Fluid in Hole					Water Based Mud														
Density					9.1 ppg		55.00 sl/qt												
PH					10.50 pH		7.0 cpm												
Source of Sample					MUDPIT														
Rm @ Meas. Temperature					1.11 ohmm @ 75.00 degF					@					@				
Rmf @ Meas. Temperature					0.92 ohmm @ 75.00 degF					@					@				
Rmc @ Meas. Temperature					1.27 ohmm @ 75.00 degF					@					@				
Source Rmf					Rmc		MEAS												
Rm @ BHT					0.64 ohmm @ 134.0 degF					@					@				
Time Since Circulation					5.0 hr														
Time on Bottom					12-Jul-18 16:00														
Max. Rec. Temperature					134.00 degF @ 5873.0 ft					@					@				
Equipment					12147634		EL RENO, OK												
Recorded By					JORGE ORLANDO PEREZ														
Witnessed By					TIM HEDDRICK														

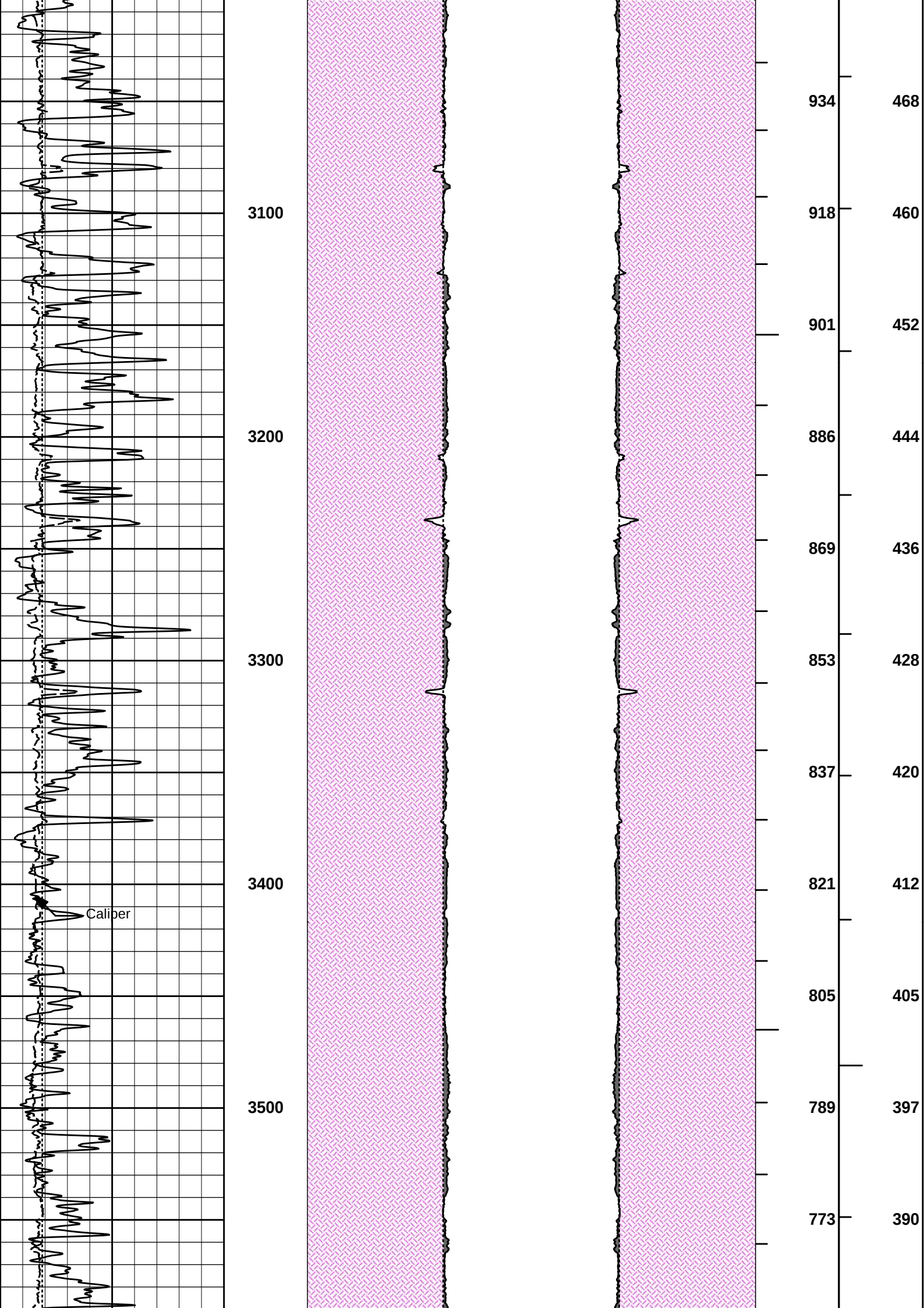
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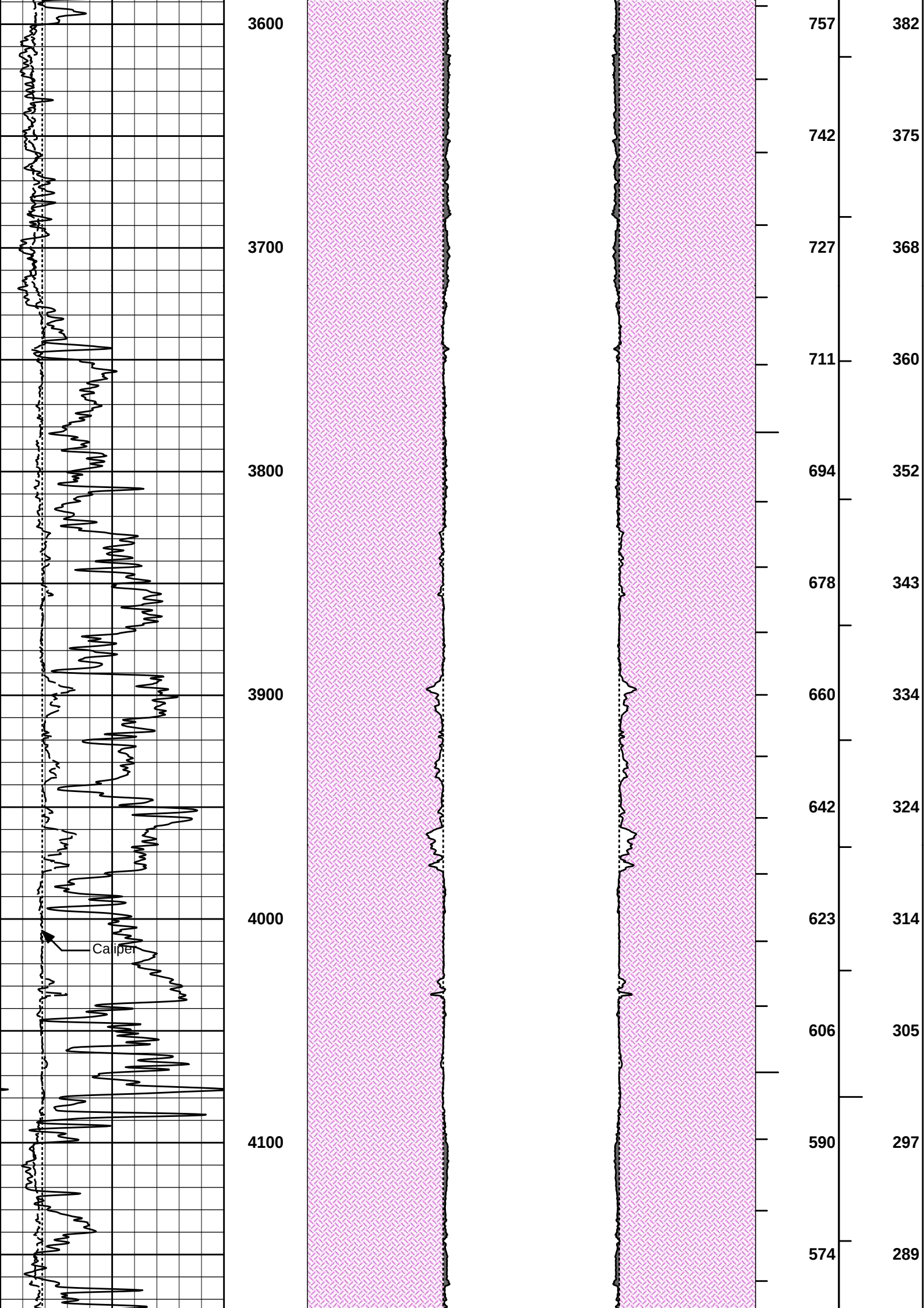
Service Ticket No.: 904928072						API No.: 15-175-22262-00-00						PGM Version: WL INSITE R5.6.0 (Build 2)																	
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE												RESISTIVITY SCALE CHANGES																	
Date		Sample No.										Type Log		Depth		Scale Up Hole			Scale Down Hole										
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		CENT		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.		12153220				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							
No.		From		To		ft/min		L		R		L		R		Matrix		L		R		Matrix		L		R		Matrix	
ONE		TD		CSG		PEC		0		150		30		-10		47.6 uSec/ft		30		-10		2.71 gr/cc		30		-10		LIME	

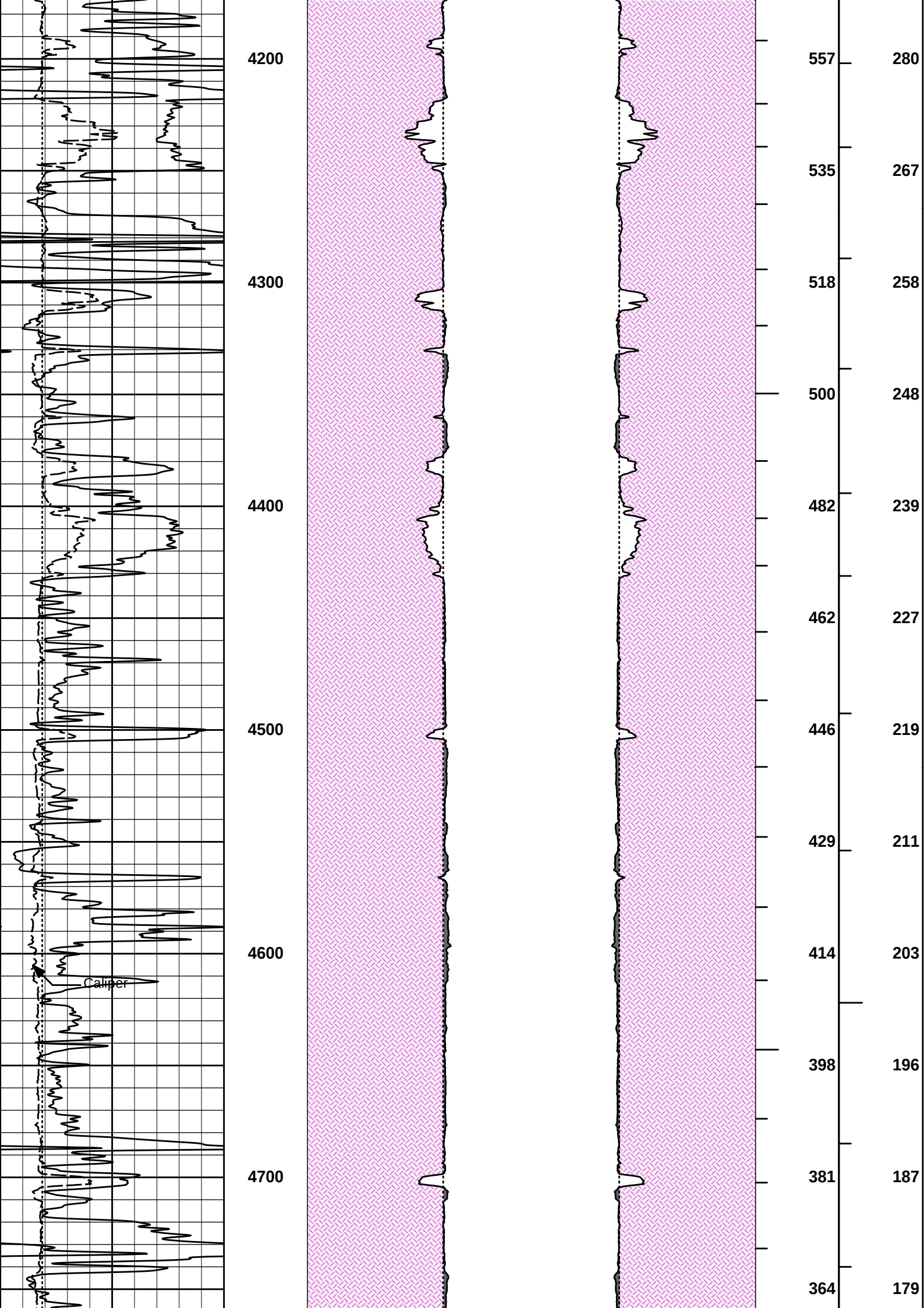
ONE	TD	CSG	REC	0	150	30	-10	47.0 uSec/ft	30	-10	2.71 g/cc	30	-10	TIME
DIRECTIONAL INFORMATION														
Maximum Deviation @								KOP @						
Remarks: ANNULAR HOLE VOLUME CALCULATED FOR 5.5 INCH CASING														

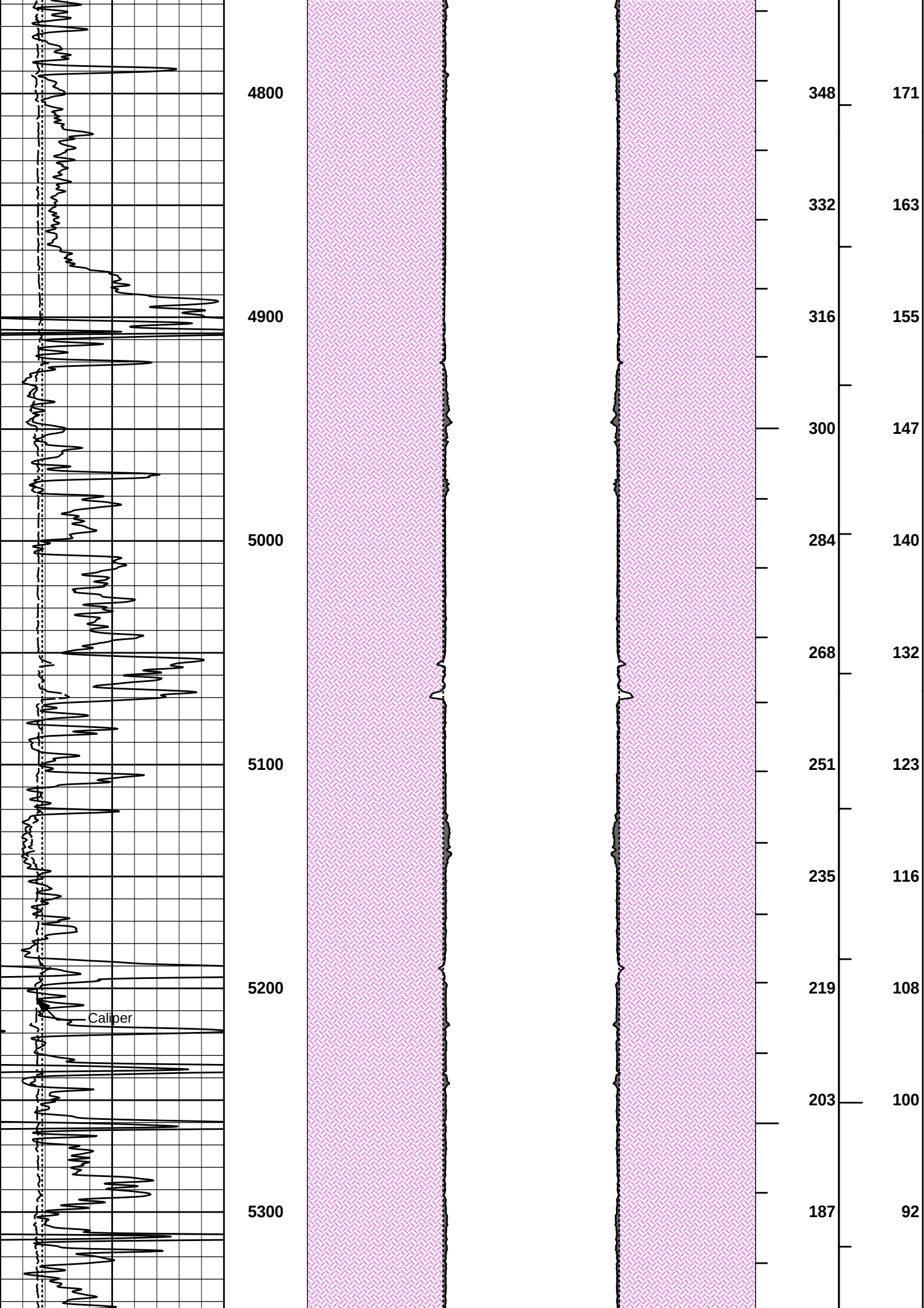


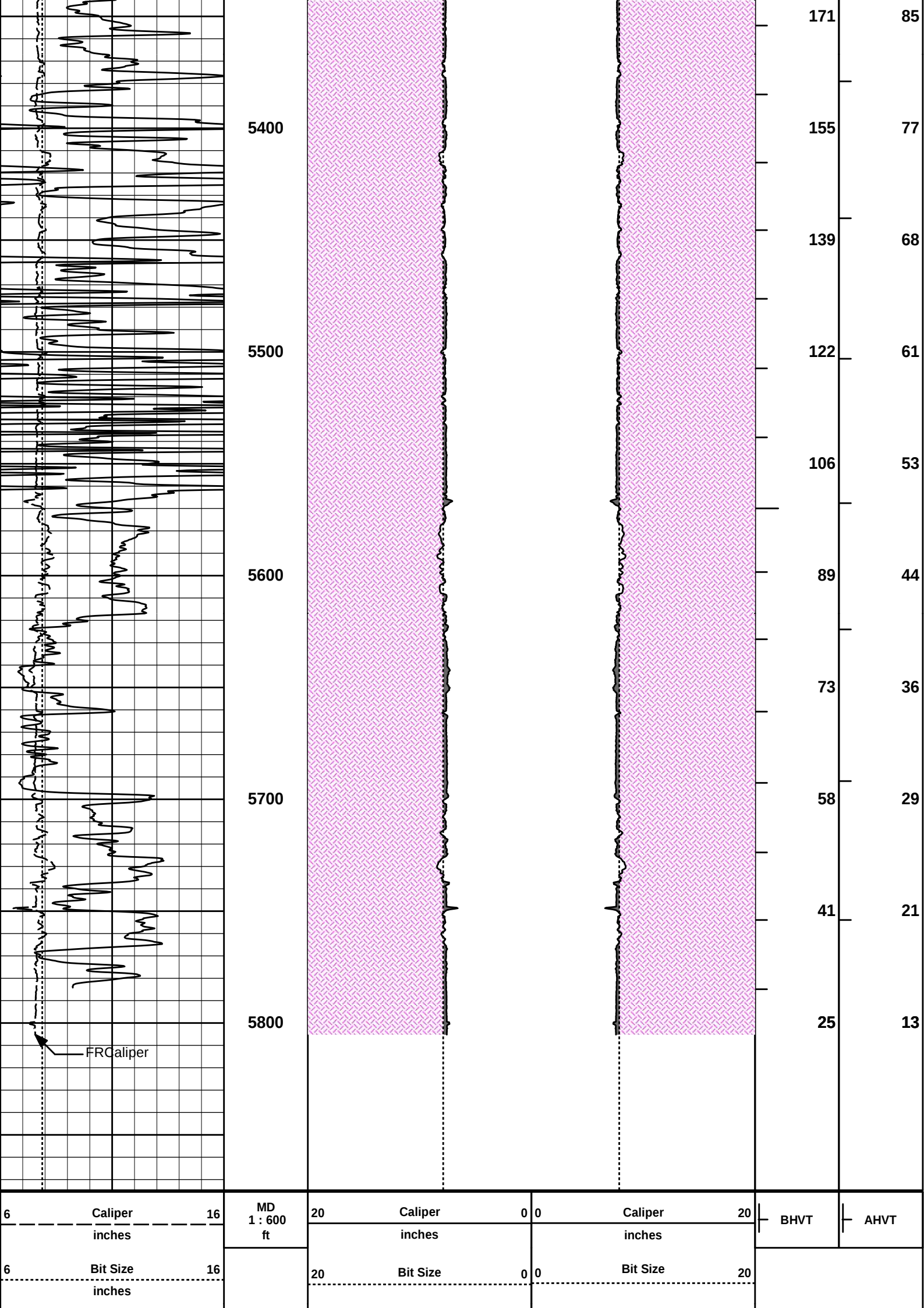












0	Gamma API	150		MUDCAKE	MUDCAKE	
	api					
HALLIBURTON Plot Time: 12-Jul-18 18:03:18 Plot Range: 1620 ft to 5874.75 ft Data: THORP_1-26R\Well Based\MAIN\ Plot File: \\-LOCAL-\\THORP_1-26R\Well Based\AHV\AHV_2_IQ_LIB						
ANNULAR HOLE VOLUME PLOT						
COMPANY RAYDON EXPLORATION, INC.						
WELL THORP 1-26R						
FIELD KISMET						
COUNTY SEWARD STATE KANSAS						
HALLIBURTON			ANNULAR HOLE VOLUME			