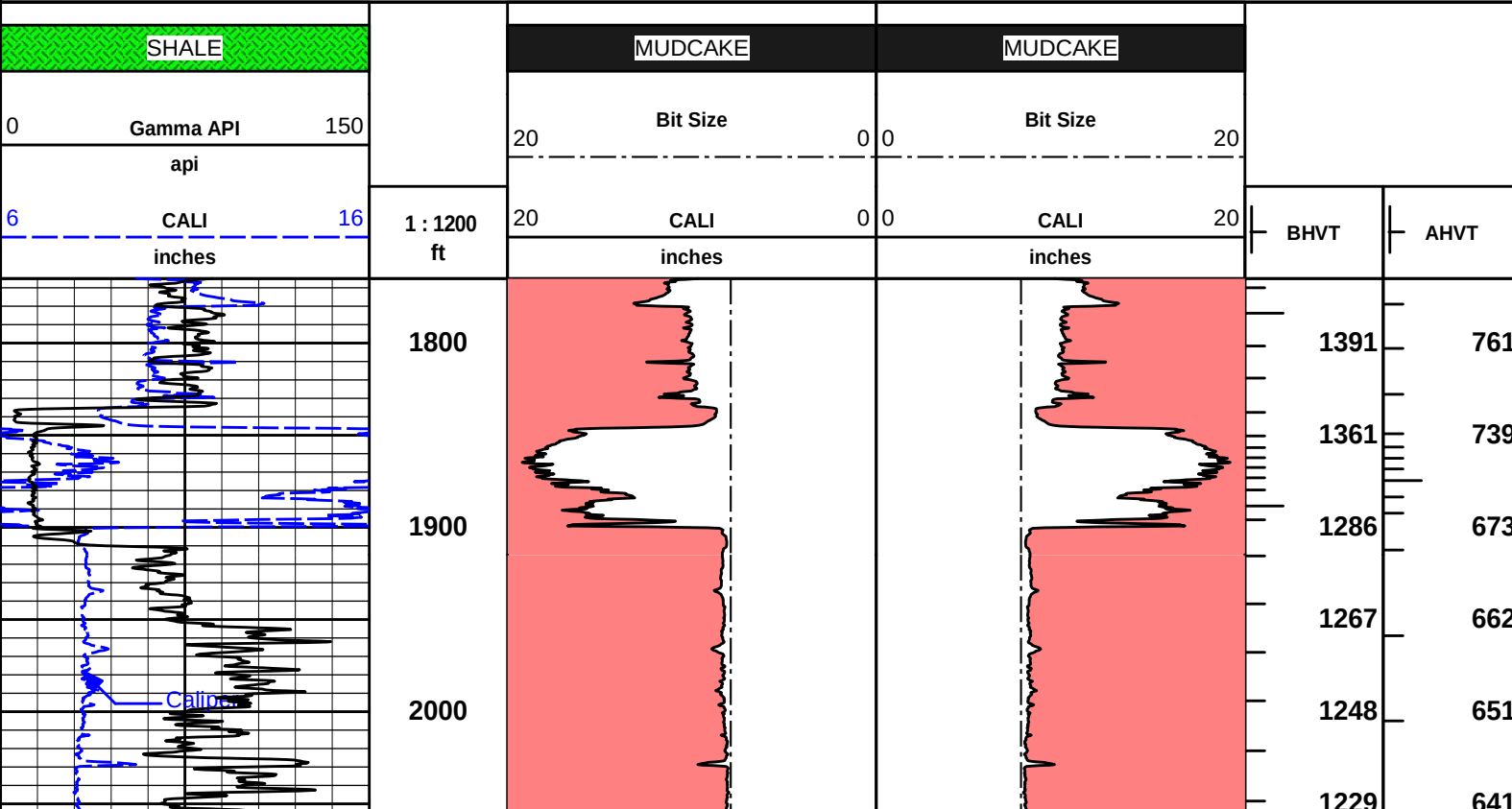


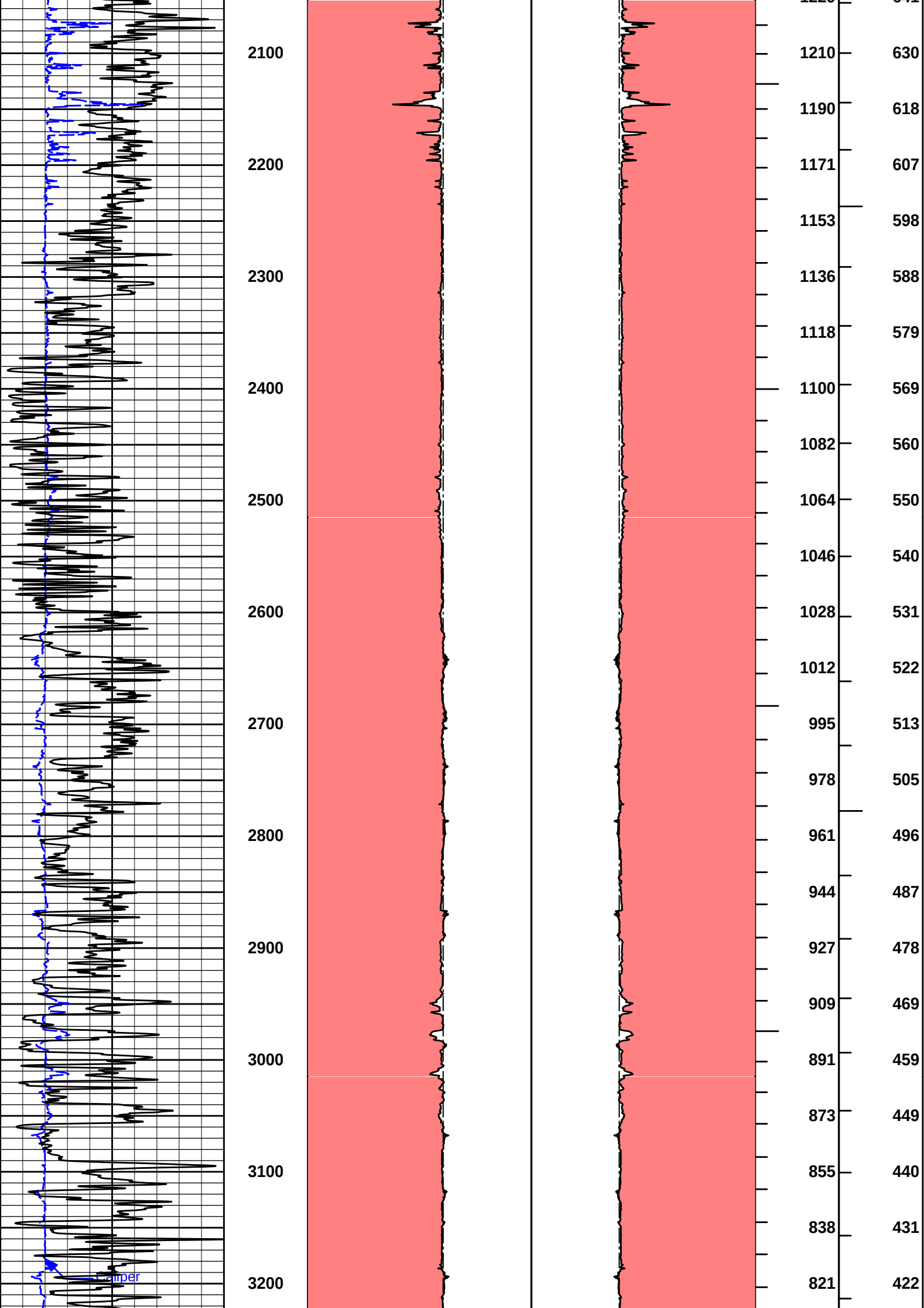
HALLIBURTON

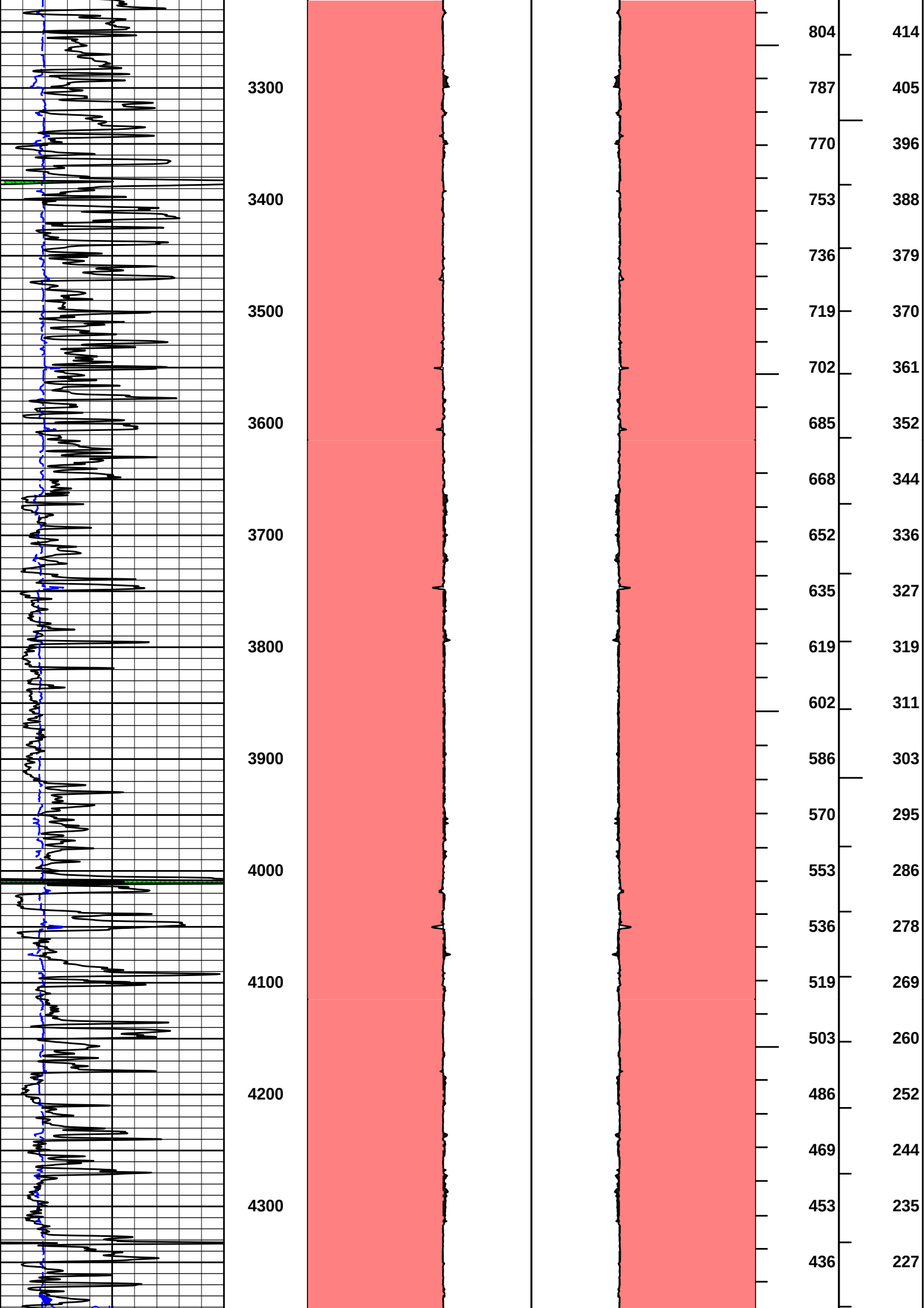
ANNULAR HOLE VOLUME LOG 5 1/2" CASING

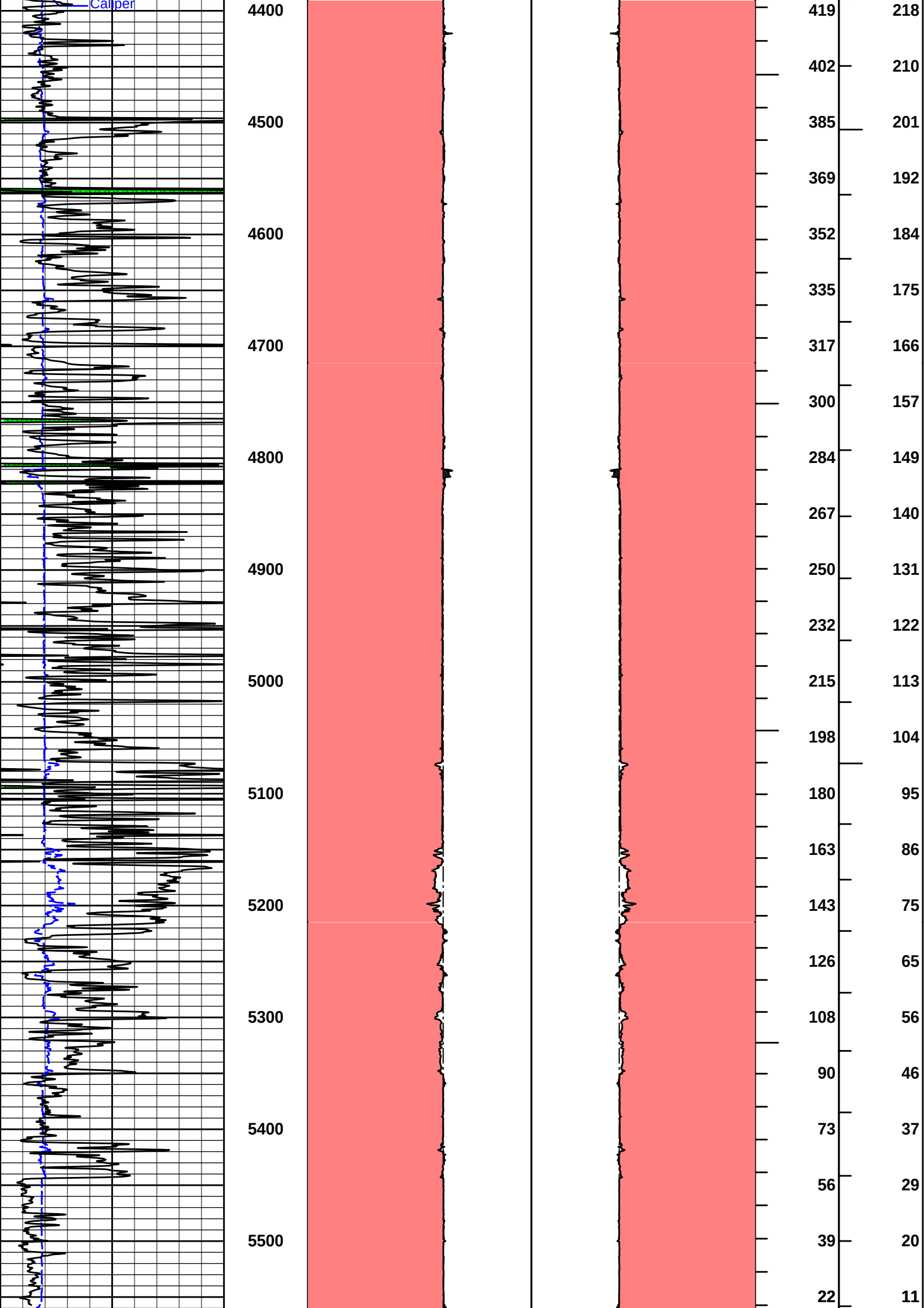
MERIT ENERGY COMPANY, LLC				MERIT ENERGY COMPANY, LLC			
LESTER 1				LESTER 1			
WILDCAT				WILDCAT			
HASKELL				HASKELL			
KANSAS				KANSAS			
COMPANY		WELL		FIELD/BLOCK		COUNTY	
STATE		Sect. 33		Twp. 27S		Rge. 34W	
Permanent Datum		GL		Elev. 3064.2 ft		Elev.: K.B.	
Log measured from		KB		12.0 ft above perm. Datum		D.F.	
Drilling measured from		KB				G.L.	
Date		27-Sep-19					
Run No.		1					
Depth - Driller		5610.0 ft					
Depth - Logger		5611.0 ft					
Bottom - Logged Interval		5601					
Top - Logged Interval		1763					
Casing - Driller		8.625 in @ 1766.0 ft				@	
Casing - Logger		1763.0 ft					
Bit Size		7.875 in				@	
Type Fluid in Hole		Water Based Mud					
Density		9.30 g/cc		55.00 slqt			
PH		10.00 pH		5.6 cplm			
Source of Sample		FLOWLINE					
Rm @ Meas. Temperature		0.98 ohmm @ 80.00 degF				@	
Rmf @ Meas. Temperature		0.77 ohmm @ 78.00 degF				@	
Rmc @ Meas. Temperature		1.18 ohmm @ 78.00 degF				@	
Source Rmf		MEAS		MEAS			
Rm @ BHT		0.58 ohmm @ 141.0 degF				@	
Time Since Circulation		18:00 hr					
Time on Bottom		27-Sep-19 23:08					
Max. Rec. Temperature		141.00 degF @ 5611.0 ft				@	
Equipment		12147634		EL RENO, OK			
Recorded By		WHITLOCK					
Witnessed By		CAMERON GUTHRIE		KRYSTIN ROBINSON		AUSTIN GARNER	

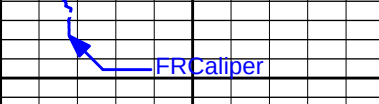
Service Ticket No.: 906000888						API No.: 15081221990000						PGM Version: WL INSITE R6.2.7 (Build 7)									
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE										RESISTIVITY SCALE CHANGES											
Date		Sample No.										Type Log		Depth		Scale Up Hole		Scale Down Hole			
Depth-Driller																					
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.				@				@													
Rmc @ Meas. Temp.				@				@													
Source Rmf		Rmc																			
Rm @ BHT				@				@													
Rmf @ BHT				@				@													
Rmc @ BHT				@				@													
EQUIPMENT DATA																					
GAMMA				ACOUSTIC				DENSITY				NEUTRON									
Run No.				Run No.				Run No.				Run No.									
Serial No.				Serial No.				Serial No.				Serial No.									
Model No.				Model No.				Model No.				Model No.									
Diameter				No. of Cent.				Diameter				Diameter									
Detector Model No.				Spacing				Log Type				Log Type									
Type								Source Type				Source Type									
Length				LSA [Y/N]				Serial No.				Serial No.									
Distance to Source				FWDA [Y/N]				Strength				Strength									
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						











5600

6	CALI	16	1 : 1200 ft	20	CALI	0	0	CALI	20	BHVT	AHVT
	inches				inches			inches			
0	Gamma API	150		20	Bit Size	0	0	Bit Size	20		
	api										
SHALE					MUDCAKE		MUDCAKE				

HALLIBURTON

Plot Time: 28-Sep-19 02:29:31

Plot Range: 1765 ft to 5616.75 ft

Data: MERIT_LESTER\Well Based\DAQ-0001-003\

Plot File: \\-LOCAL-\\MERIT_LESTER\\0001 RWCH-GTET-DSNT2-SDLT2-BSAT-ACRT_PASSENGERS\\AHV\\AHV Plot INSITE IQ

ANNULAR HOLE VOLUME PLOT

AHV PLOT CALCULATED FOR 5 1/2" CASING