

HALLIBURTON										ARRAY COMPENSATED TRUE RESISTIVITY 1" LOG									
COMPANY					MERIT ENERGY COMPANY, LLC					COMPANY					MERIT ENERGY COMPANY, LLC				
WELL					LCSLU 204					WELL					LCSLU 204				
FIELD/BLOCK					BIG SKY					FIELD/BLOCK					BIG SKY				
COUNTY					GRANT					COUNTY					GRANT				
STATE					KANSAS					STATE					KANSAS				
Permanent Datum					GL					Location					Other Services:				
Log measured from					KB					(SHL) SE NE NE SW 1984' FSL & 2453' FWL					ACRT SDL-DSN MICLOG BSAT				
Drilling measured from					KB					13.0 ft above perm. Datum					Elev.: K.B. 3110.0 ft D.F. 3108.0 ft G.L. 3097.0 ft				
Date					01-Nov-17														
Run No.					1														
Depth - Driller					6610.0 ft														
Depth - Logger					6609.0 ft														
Bottom - Logged Interval					6599														
Top - Logged Interval					1456														
Casing - Driller					8.625 in @ 1455.0 ft														
Casing - Logger					1456.0 ft														
Bit Size					7.875 in														
Type Fluid in Hole					Water Based Mud														
Density					9.0 ppq					53.00 s/qt									
PH					10.00 pH					7.2 cp/m									
Source of Sample					FLOWLINE														
Rm @ Meas. Temperature					0.76 ohmm @ 82.00 degF														
Rmf @ Meas. Temperature					0.58 ohmm @ 79.00 degF														
Rmc @ Meas. Temperature					0.93 ohmm @ 79.00 degF														
Source Rmf					MEAS														
Rm @ BHT					0.44 ohmm @ 148.0 degF														
Time Since Circulation					17:00 hr														
Time on Bottom					01-Nov-17 05:27														
Max. Rec. Temperature					148.00 degF @ 6609.0 ft														
Equipment					12156883					EL RENO									
Recorded By					WHITLOCK														
Witnessed By					MARTIN LANGE										TIM HEDRICK				

Service Ticket No.: 904406430						API No.: 15-067-21839-00-00						PGM Version: WL INSITE R5.0.5 (Build 8)					
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.									
Serial No.				Serial No.				Serial No.									
Model No.				Model No.				Model No.									
Diameter				No. of Cent.				Diameter									
Detector Model No.				Spacing				Log Type									
Type								Source Type									
Length				LSA [Y/N]				Serial No.									
Distance to Source				FWDA [Y/N]				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				

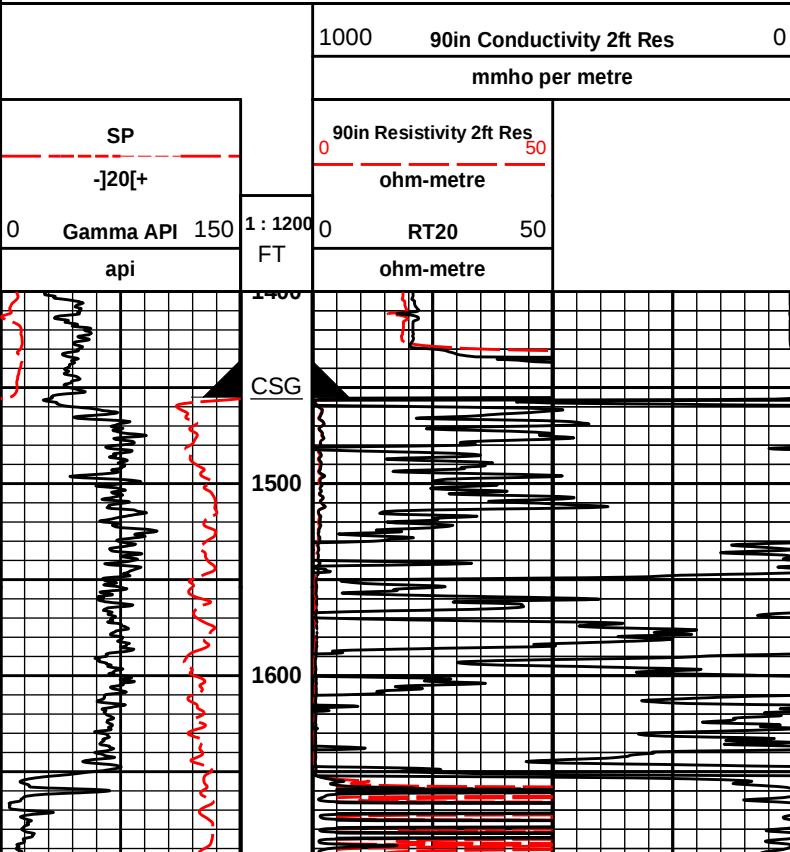
[illegible]

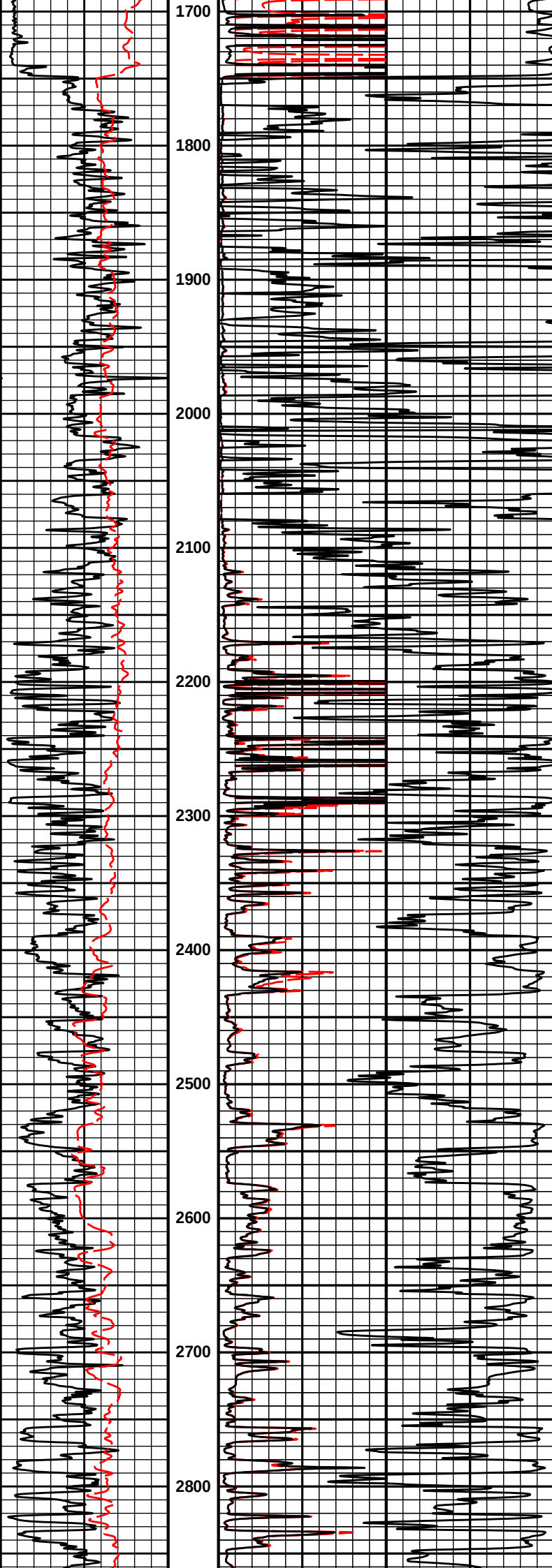
HALLIBURTON

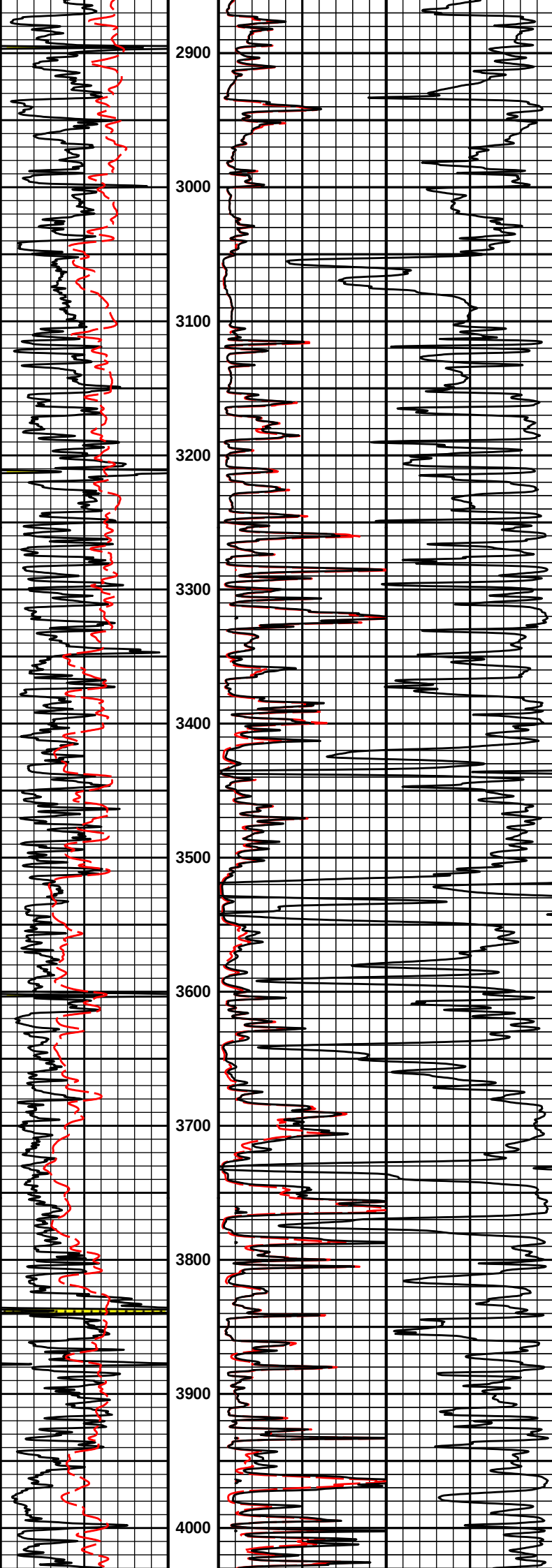
Plot Time: 01-Nov-17 09:38:36
Plot Range: 1400 ft to 6614 ft
Data: MERIT_LCSLU\Well Based\DAQ-0001-004\
Plot File: \\LOCAL-1\MERIT_LCSLU\0001 GTET-DSN-SDL-FLX-BSAT-ACRT1\ACRT-1\ACRT 1 main

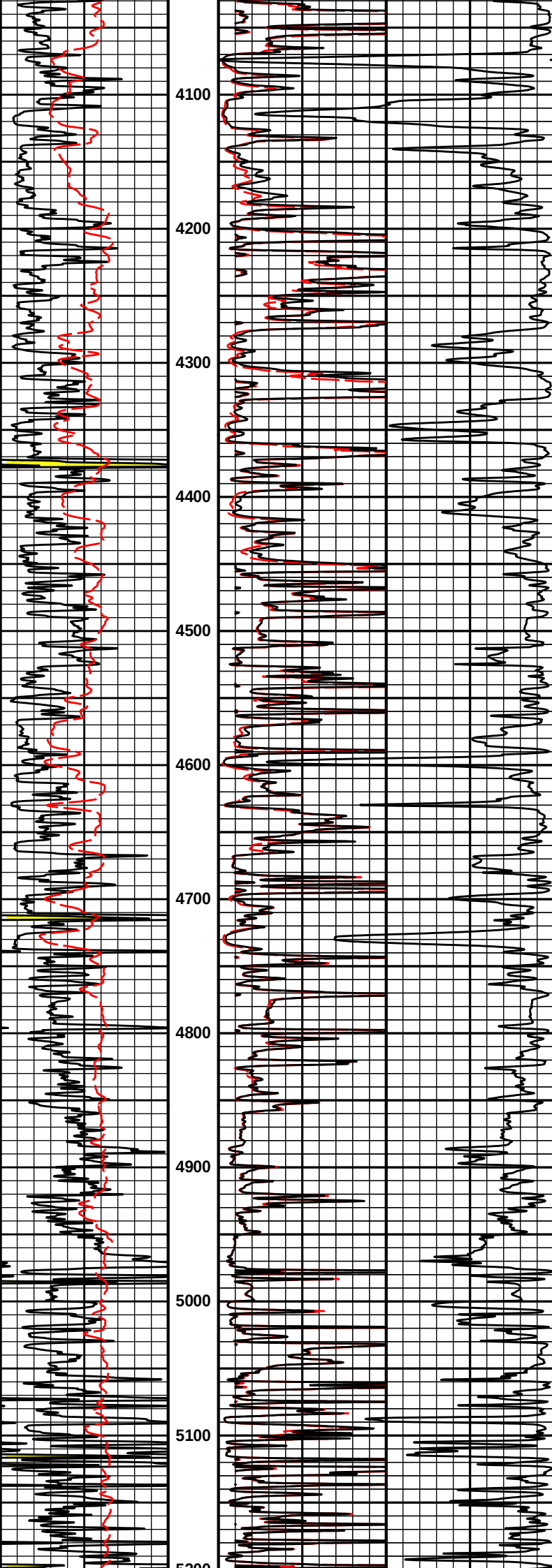
1 INCH MAIN LOG

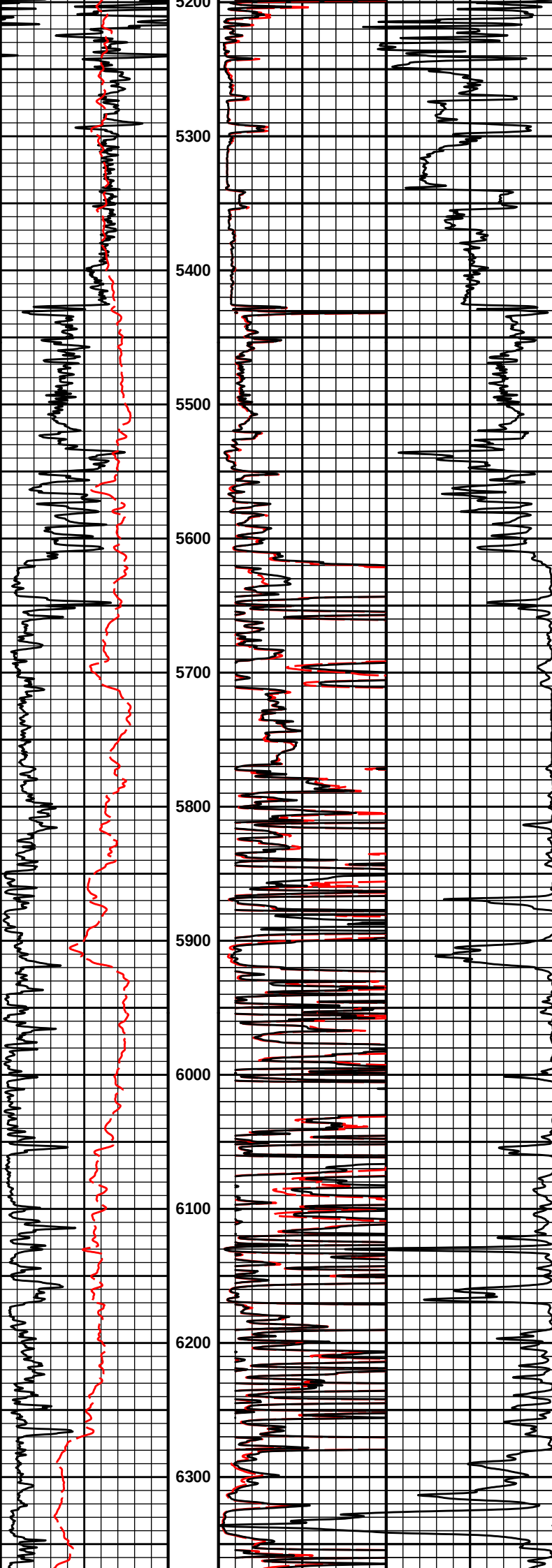
1 INCH CORRELATION LOG

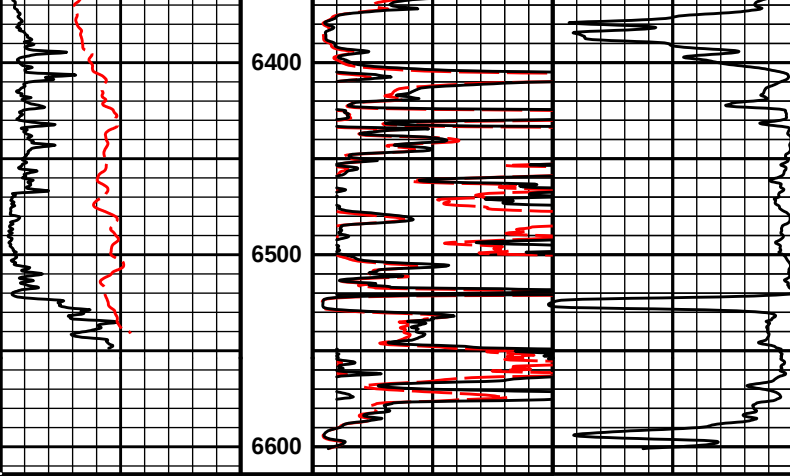












0	Gamma API	150	1 : 1200	0	RT20	50	
	api		FT		ohm-metre		
	SP				90in Resistivity 2ft Res		
	-]20[+			0	ohm-metre	50	
				1000	90in Conductivity 2ft Res		0
					mmho per metre		

HALLIBURTON

Plot Time: 01-Nov-17 09:38:38
Plot Range: 1400 ft to 6614 ft
Data: MERIT_LCSLU\Well Based\DAQ-0001-004\
Plot File: \\LOCAL-IMERIT_LCSLU\0001 GTET-DSN-SDL-FLX-BSAT-ACRT\ACRT-1\ACRT_1_main

1 INCH MAIN LOG

1 INCH CORRELATION LOG