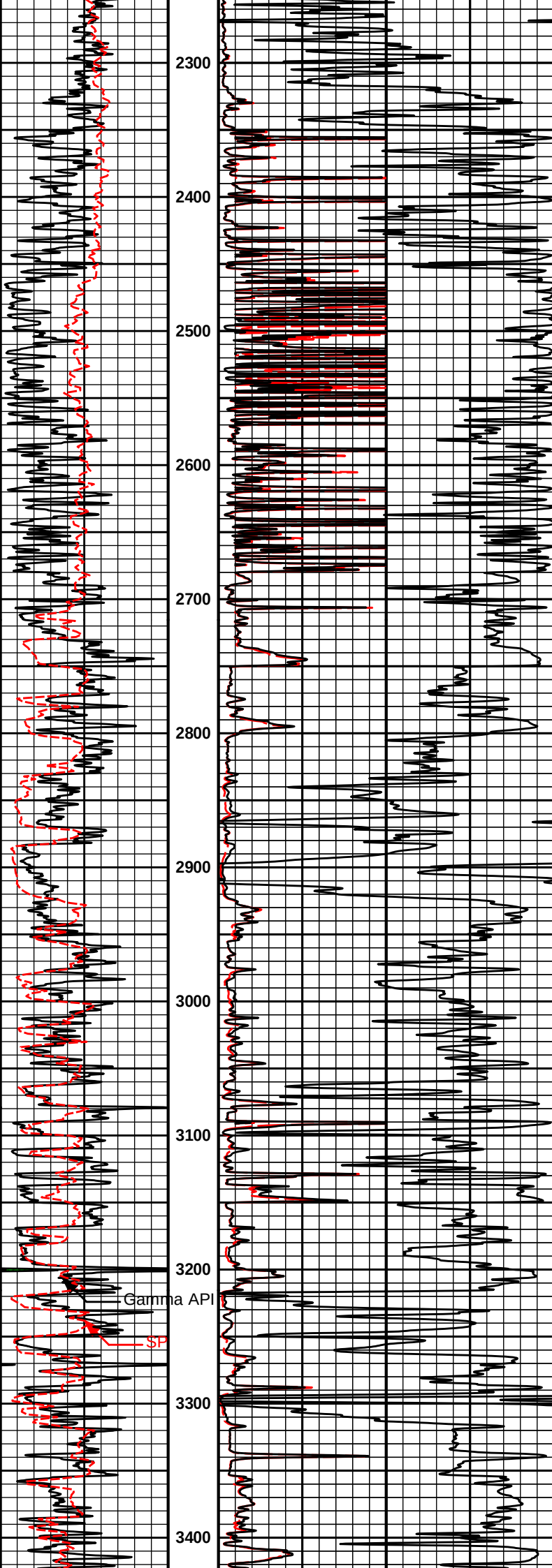
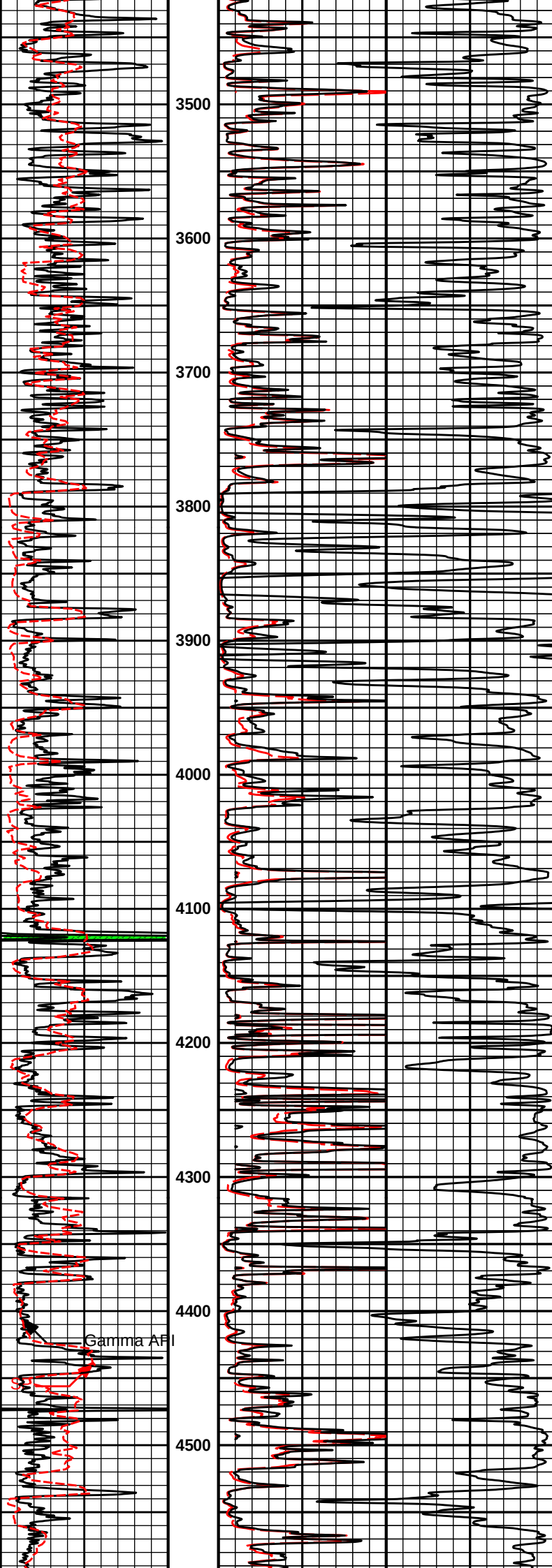


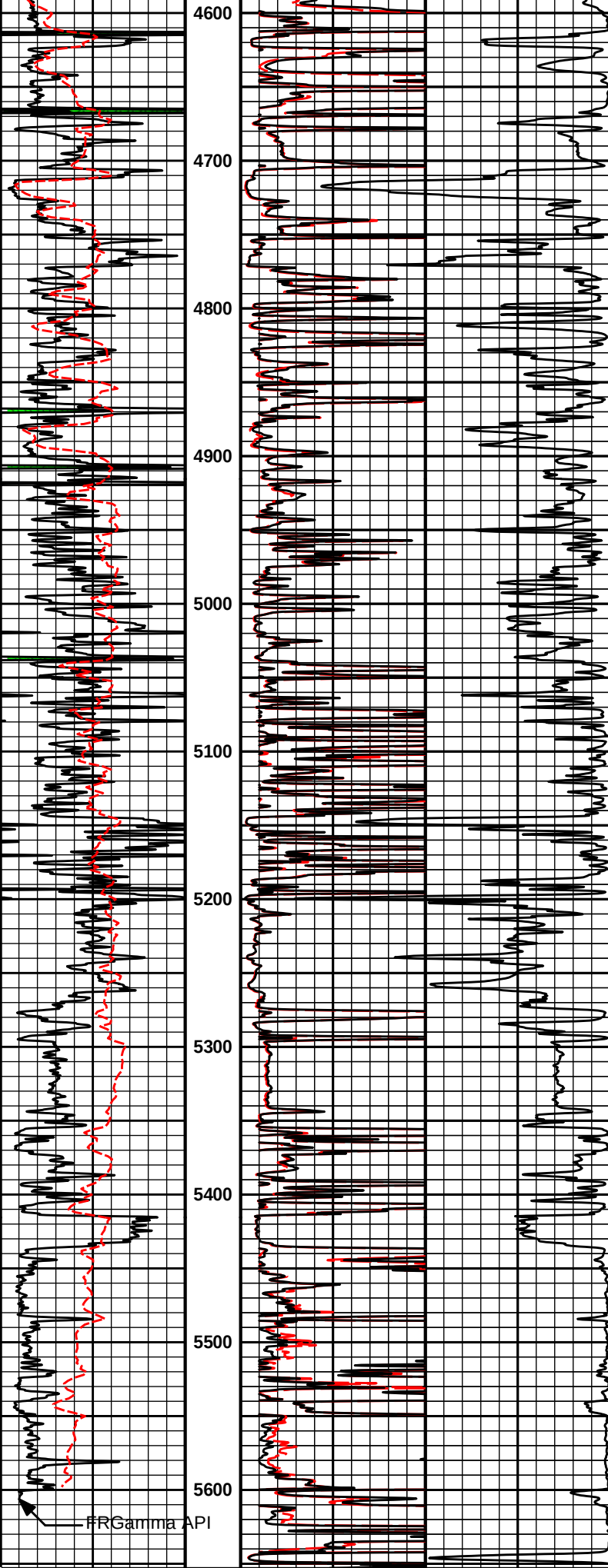
HALLIBURTON ARRAY COMPENSATED TRUE RESISTIVITY LOG 1 INCH									
COMPANY WELL FIELD/BLOCK COUNTY STATE					MERIT ENERGY COMPANY BATMAN B4 SANTA FE NORTH HASKELL KANSAS				
Permanent Datum Log measured from Drilling measured from Date Run No. Depth - Driller Depth - Logger Bottom - Logged Interval Top - Logged Interval Casing - Driller Casing - Logger Bit Size Type Fluid in Hole Density PH Source of Sample Rm @ Meas. Temperature Rmf @ Meas. Temperature Rmc @ Meas. Temperature Source Rmf Rm @ BHT Time Since Circulation Time on Bottom Max. Rec. Temperature Equipment Recorded By Witnessed By					COMPANY WELL FIELD/BLOCK COUNTY STATE API No. Location Other Services: Elev. 2978.6 ft Elev.: K.B. D.F. G.L. 2991.6 ft 2991.6 ft 2978.6 ft				
ONE 5655.0 ft 5662.0 ft 5653.00 ft 1827.00 ft 8.625 in 1827.0 ft 7.875 in Water Based Mud 9.1 ppq 11.00 pH FLOWLINE 1.67 ohmm 1.51 ohmm 1.82 ohmm MEAS 0.96 ohmm 5.0 hr 25-Feb-18 20:45 135.00 degF 1214/7634 JORGE ORLANDO PEREZ MATTHEW GARVIN					SECT. 10 TWP. 28S RGE. 33W 13.0 ft above perm. Datum DSNT/SDLT MICROLOG BSAT ACRT				

Fold here

Service Ticket No.: 904653282				API No.: 15081221710000				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.			@			@			ONE	ACRT		N/A		1.5 S.O.		N/A	
Rmc @ Meas. Temp.			@			@				I-11026095							
Source Rmf	Rmc									S-11005908							
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.		11958947		Serial No.		10747683		Serial No.		10960494		Serial No.		11055304			
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-NEUI			
Type		SCINT						Source Type		CS137		Source Type		AM241BE			
Length		8"		LSA [Y/N]				Serial No.		5168GW		Serial No.		DSN-424			
Distance to Source		N/A		FWDA [Y/N]				Strength		1.5 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			







0	Gamma API	150	MD 1 : 1200 ft	20in Resistivity 2ft Res 0 50	
	api			ohm-metre	
	SP			90in Resistivity 2ft Res 0 50	
	-]20[+			ohm-metre	

	1000	90in Conductivity 2ft Res	0
	mmho per metre		

HALLIBURTON

Plot Time: 25-Feb-18 22:01:32
Plot Range: 1810 ft to 5653 ft
Data: BATMAN_B4\Well Based\MAIN\
Plot File: \\-LOCAL-BATMAN_B4\Well Based\ACRT1\ACRT_1.lib

1 INCH MAIN LOG

COMPANY	MERIT ENERGY COMPANY		
WELL	BATMAN B4		
FIELD	SANTA FE NORTH		
COUNTY	HASKELL	STATE	KANSAS
HALLIBURTON		ARRAY COMPENSATED TRUE RESISTIVITY LOG 1 INCH	