

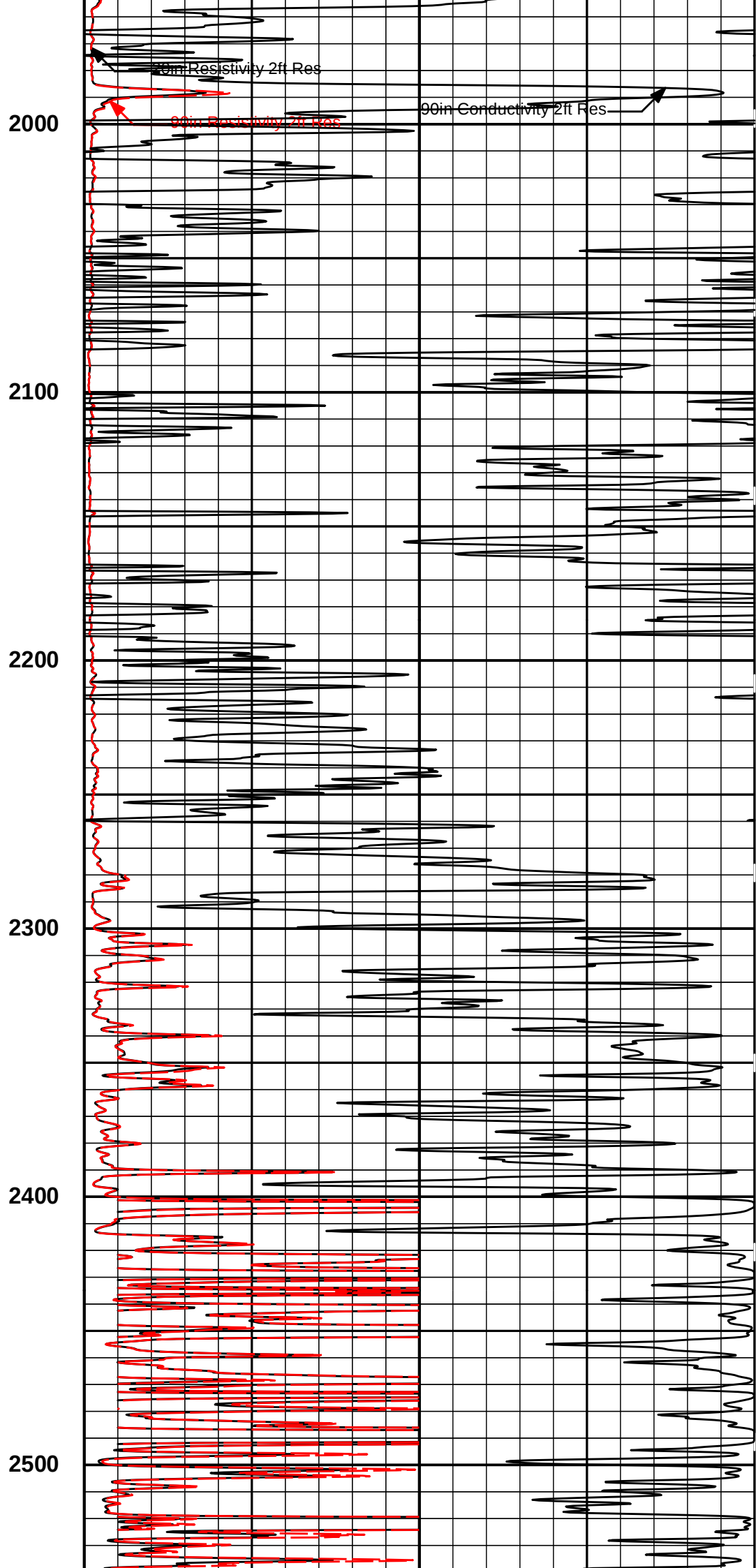
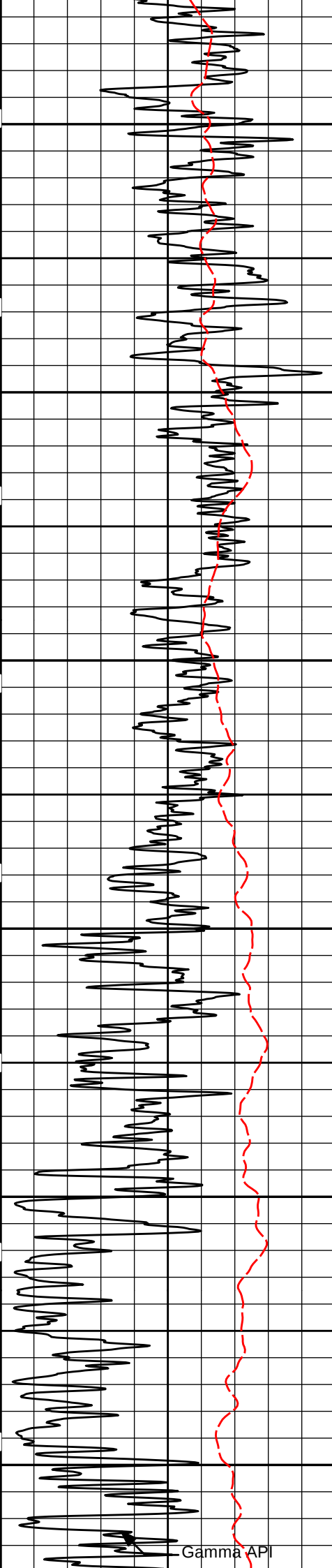
HALLIBURTON

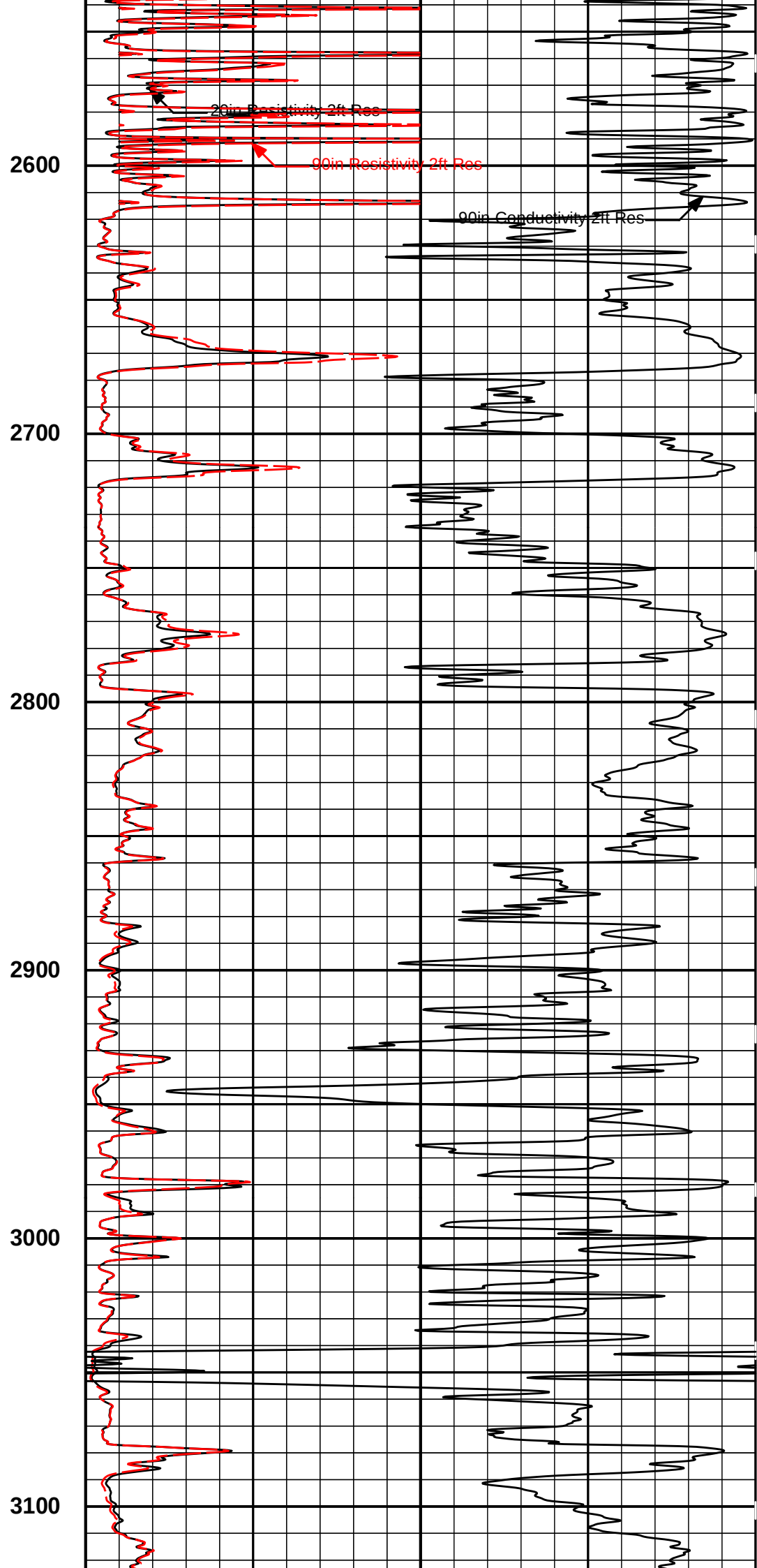
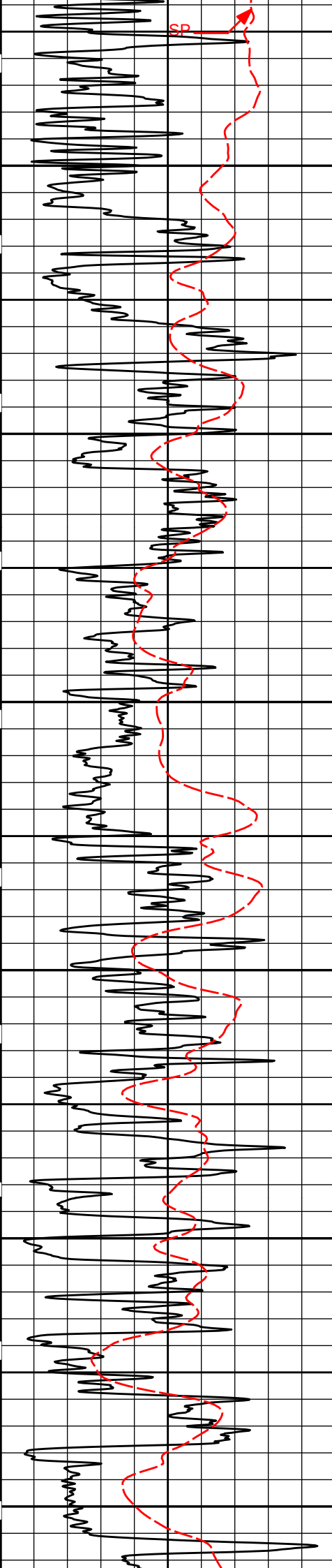
ARRAY COMPENSATED
TRUE RESISTIVITY
LOG
2 INCH

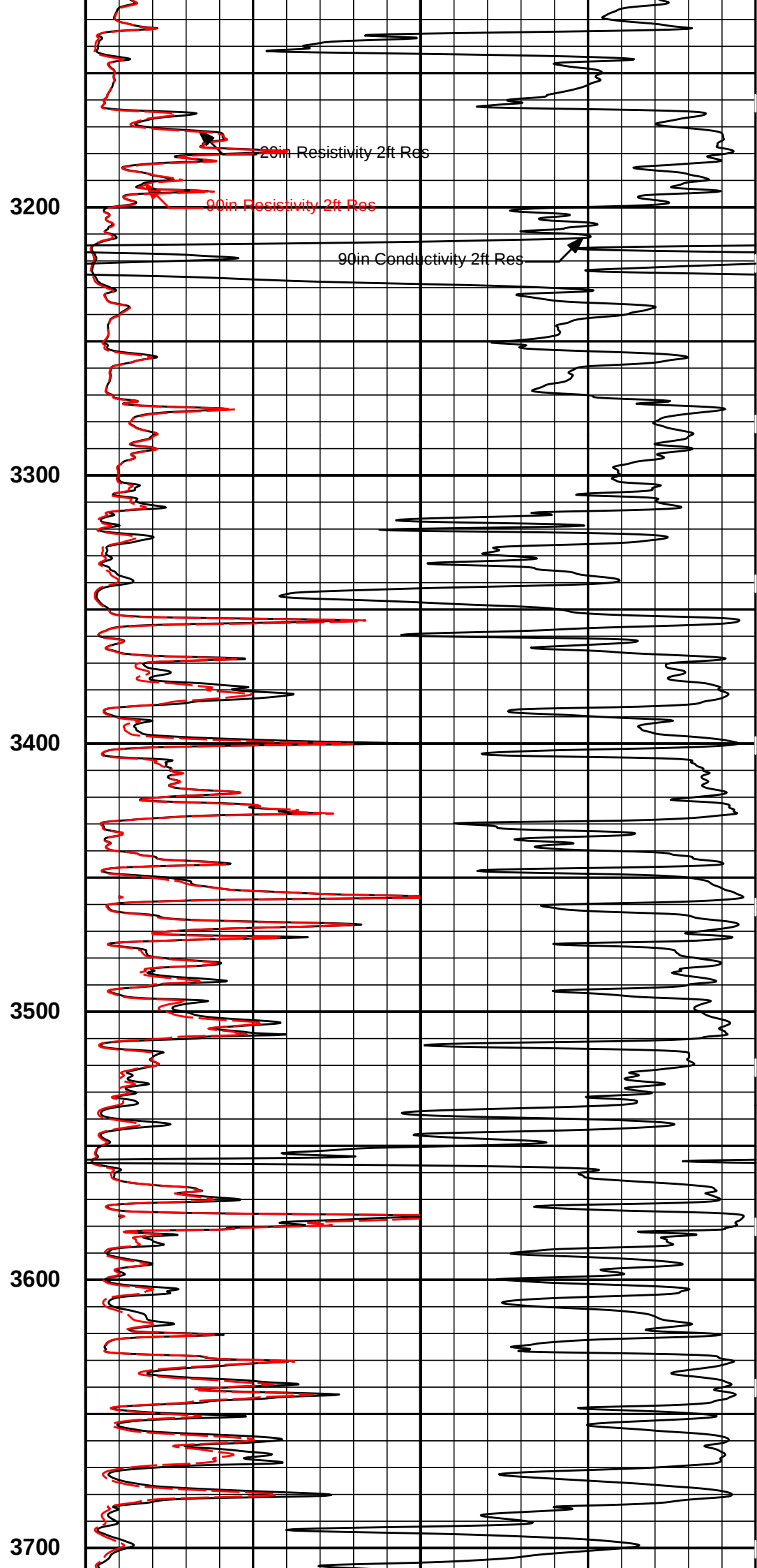
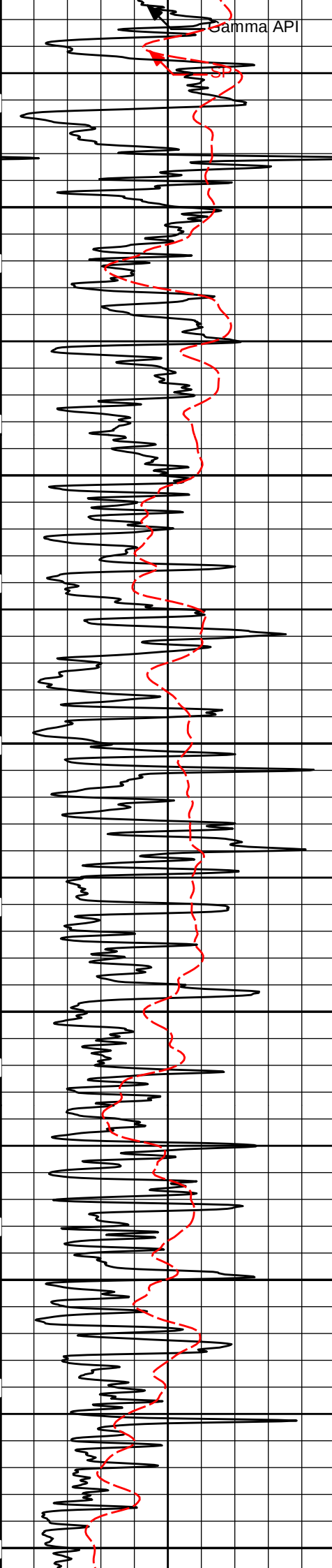
COMPANY WELL FIELD/BLOCK COUNTY STATE				MERIT ENERGY COMPANY WENU 505 EUBANK NORTH HASKELL KANSAS			
Permanent Datum Log measured from Drilling measured from				GL KB KB Elev. 3077.0 ft 12.0 ft above perm. Datum Elev.: K.B. 3089.0 ft D.F. 3089.0 ft G.L. 3077.0 ft			
Date Run No. Depth - Driller Depth - 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				24-Nov-19 ONE 5580.0 ft 5579.0 ft 5570.00 ft 1750.00 ft 8.625 in @ 1755.0 ft 1750.0 ft 7.875 in @ Water Based Mud 9.20 g/cc 10.50 pH MUDPIT 1.13 ohmm @ 75.00 degF 1.02 ohmm @ 75.00 degF 1.25 ohmm @ 75.00 degF MEAS 0.68 ohmm @ 129.0 degF 4.0 hr 24-Nov-19 16:00 129.00 degF @ 5579.0 ft 12147634 JORGEO ORLANDO PEREZ MARTIN LANGE			
API No. Location Other Services:				15081222070000 (SHL) 1847' FSL & 1947' FEL NW SE NW SE DSNT/SDLT MICROLOG BSAT ACRT			
Sect. 4 Twp. 28S Rge. 34W				COUNTY HASKELL STATE KANSAS			

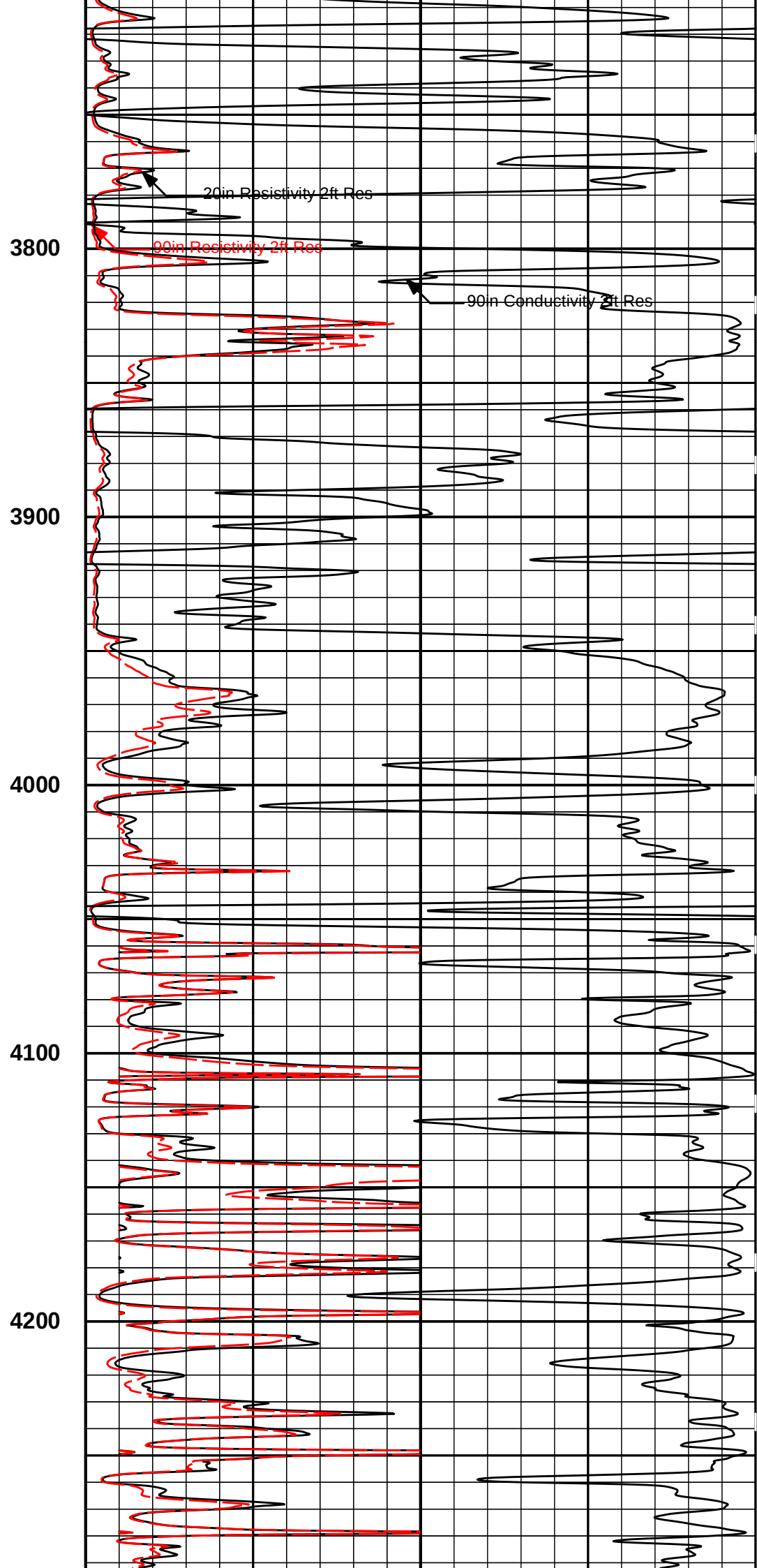
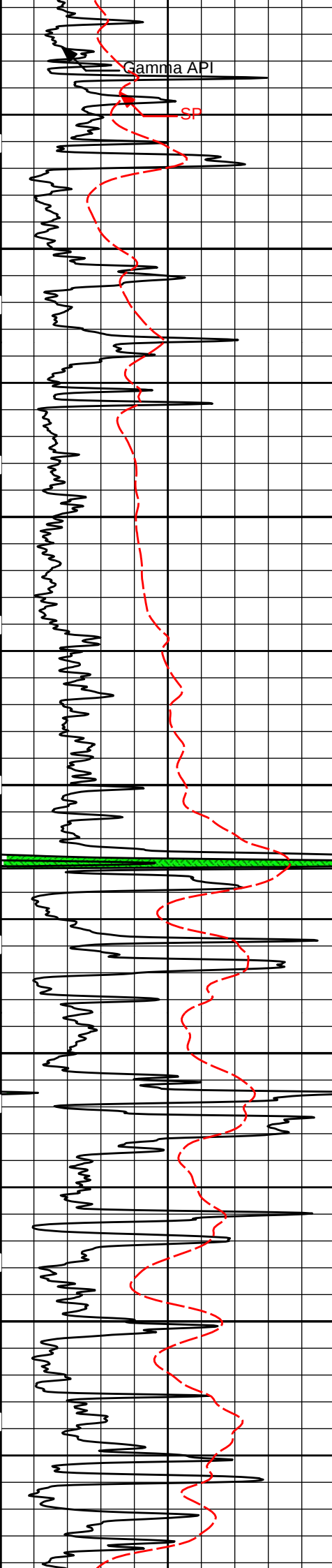
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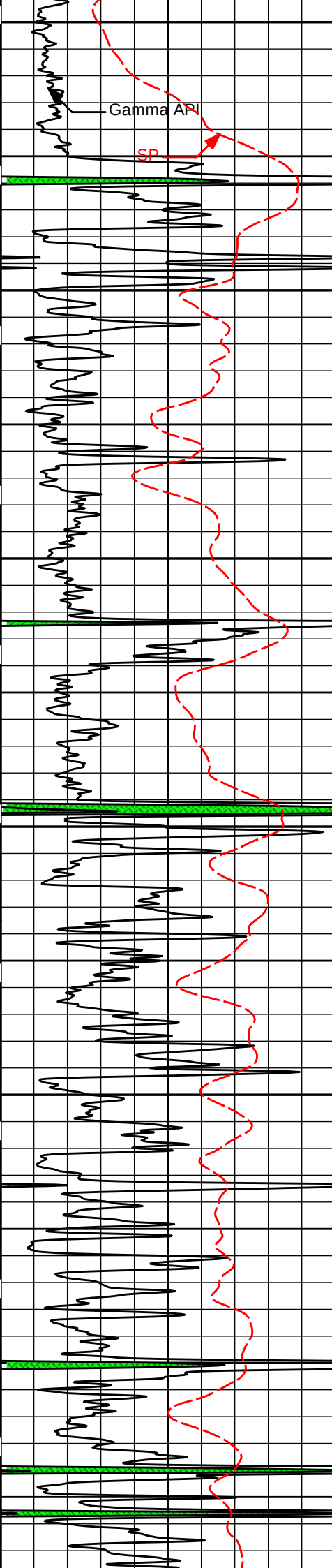
Service Ticket No.: 906120593						API No.: 15081222070000						PGM Version: WL INSITE R6.2.7 (Build 7)											
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE												RESISTIVITY SCALE CHANGES											
Date		Sample No.										Type Log		Depth		Scale Up Hole		Scale Down Hole					
Depth-Driller																							
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.				@				@				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.		11958947		Serial No.		10747686		Serial No.		10951315		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		3.71 gr/cc		30 10					











4300

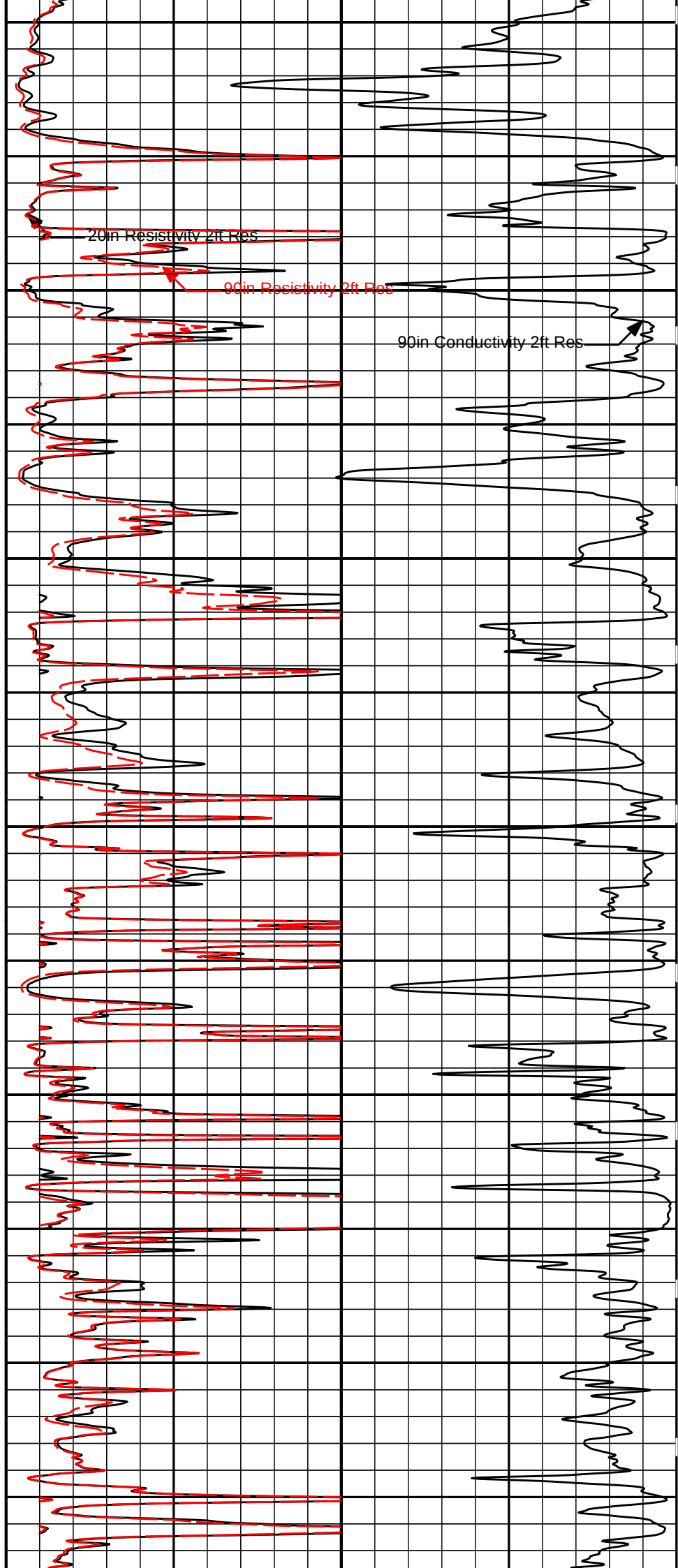
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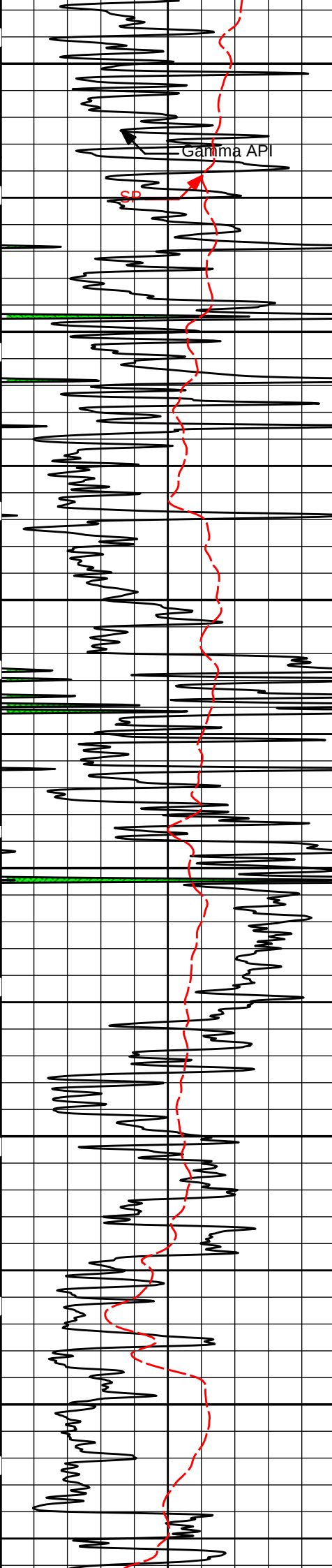
4500

4600

4700

4800





4900

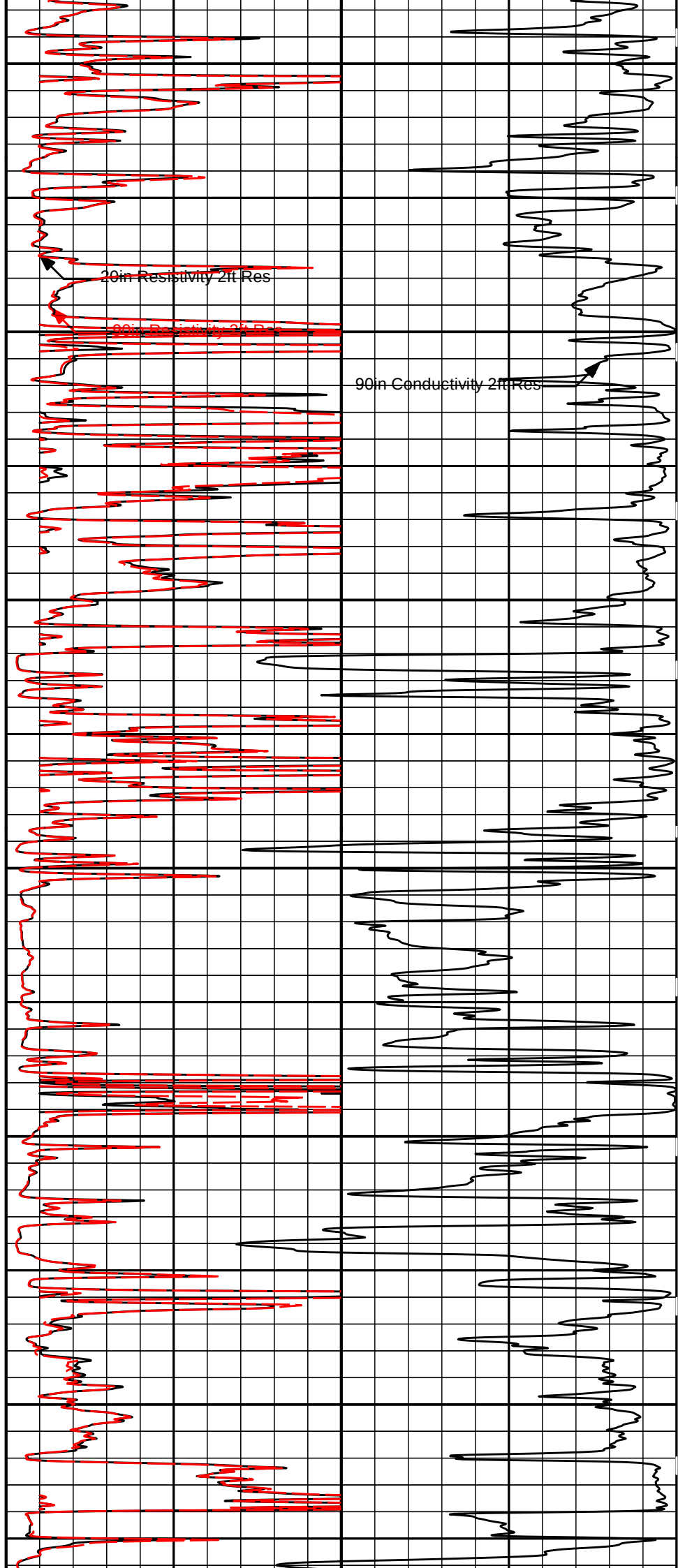
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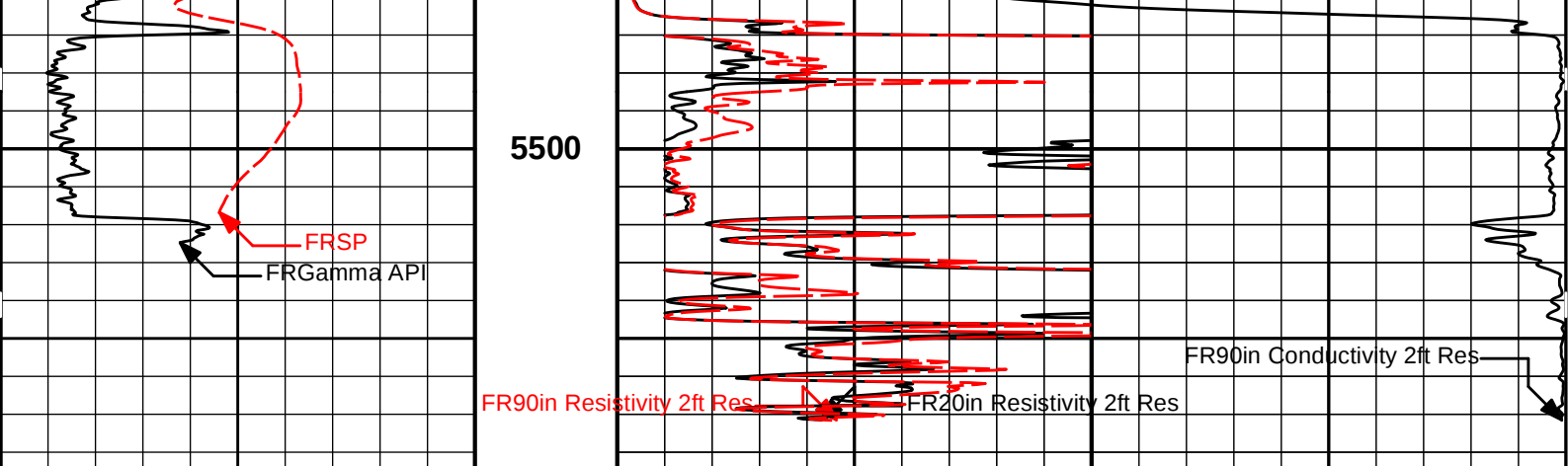
5100

5200

5300

5400





0Gamma API150		MD 1 : 600 ft	020in Resistivity 2ft Res50		
api			ohm-metre		
SP			090in Resistivity 2ft Res50		
-]20[+			ohm-metre		
			100090in Conductivity 2ft Res0		
			mmho per metre		

HALLIBURTON

Plot Time: 24-Nov-19 17:59:49
Plot Range: 1740 ft to 5584.25 ft
Data: WENU-505\Well Based\MAIN\
Plot File: \\-LOCAL-BLACK-K_28-1\Well Based\ACRT2\ACRT_2.lib

2 INCH MAIN LOG

COMPANY	MERIT ENERGY COMPANY		
WELL	WENU 505		
FIELD	EUBANK NORTH		
COUNTY	HASKELL	STATE	KANSAS

HALLIBURTON	ARRAY COMPENSATED TRUE RESISTIVITY LOG 2 INCH
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