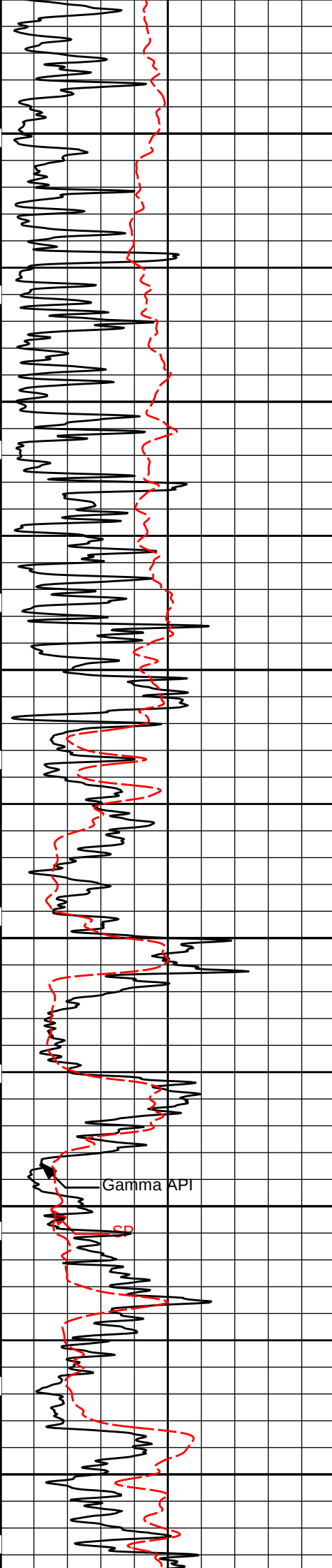


HALLIBURTON

ARRAY COMPENSATED
TRUE RESISTIVITY
LOG

RAYDON EXPLORATION, INC.				COMPANY				RAYDON EXPLORATION, INC.			
THORP 1-26R				WELL				THORP 1-26R			
KISMET				FIELD/BLOCK				KISMET			
SEWARD				COUNTY				SEWARD			
KANSAS				STATE				KANSAS			
COMPANY WELL FIELD/BLOCK COUNTY SEWARD				API No. 15-175-22262-00-00				Other Services: DSNT/SDLT MICROLOG BSAT XRFMI ACRT			
				Location (SHL) 335' FNL & 335' FWL SE NW NW NW							
Permanent Datum				GL	Elev. 2738.0 ft						
Log measured from				KB	D.F. 2749.0 ft						
Drilling measured from				KB	GL. 2738.0 ft						
Date				12-Jul-18							
Run No.				ONE							
Depth - Driller				5880.0 ft							
Depth - Logger				5873.0 ft							
Bottom - Logged Interval				5864.00 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 slqt						
PH				10.50 pH	7.0 cphm						
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							

ONE	TD	CSG	REC	U	150	30	-10	47.0 dSec/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																



2400

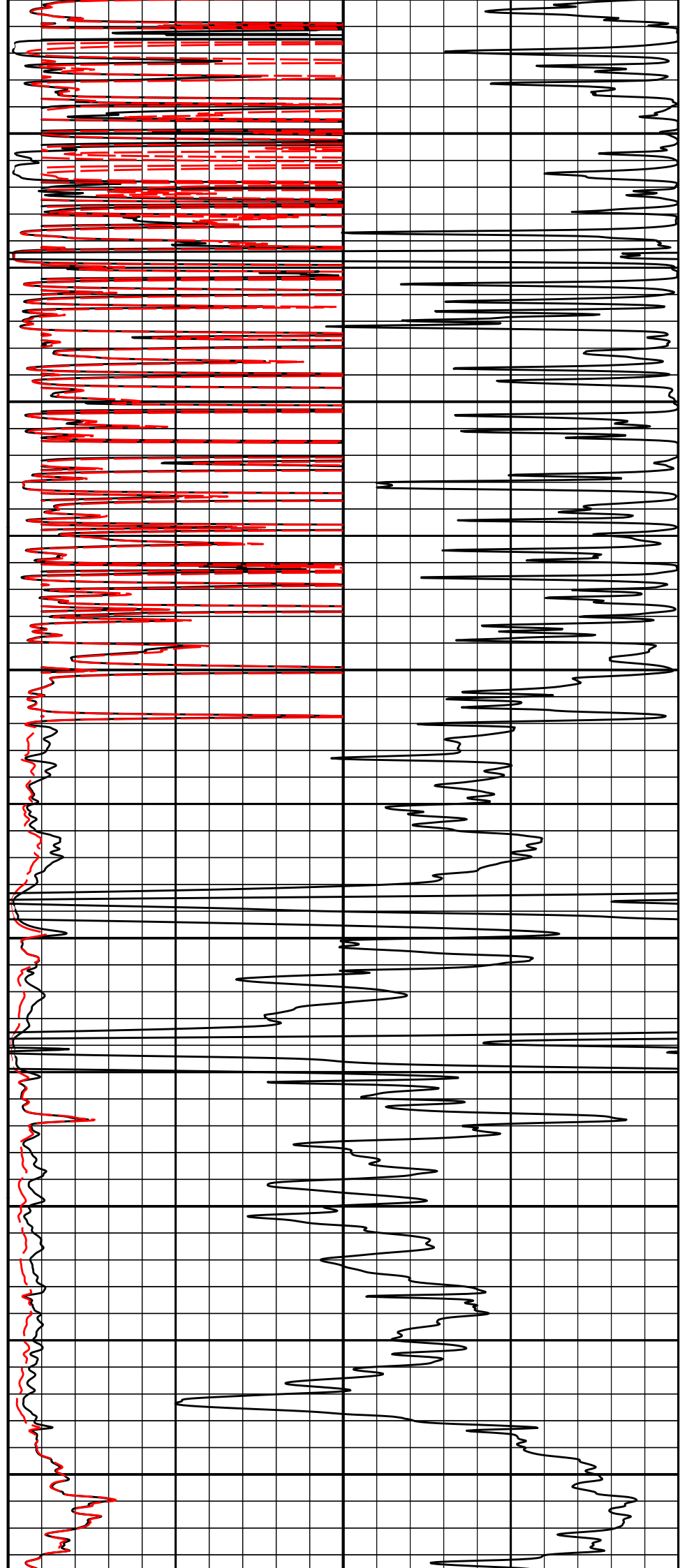
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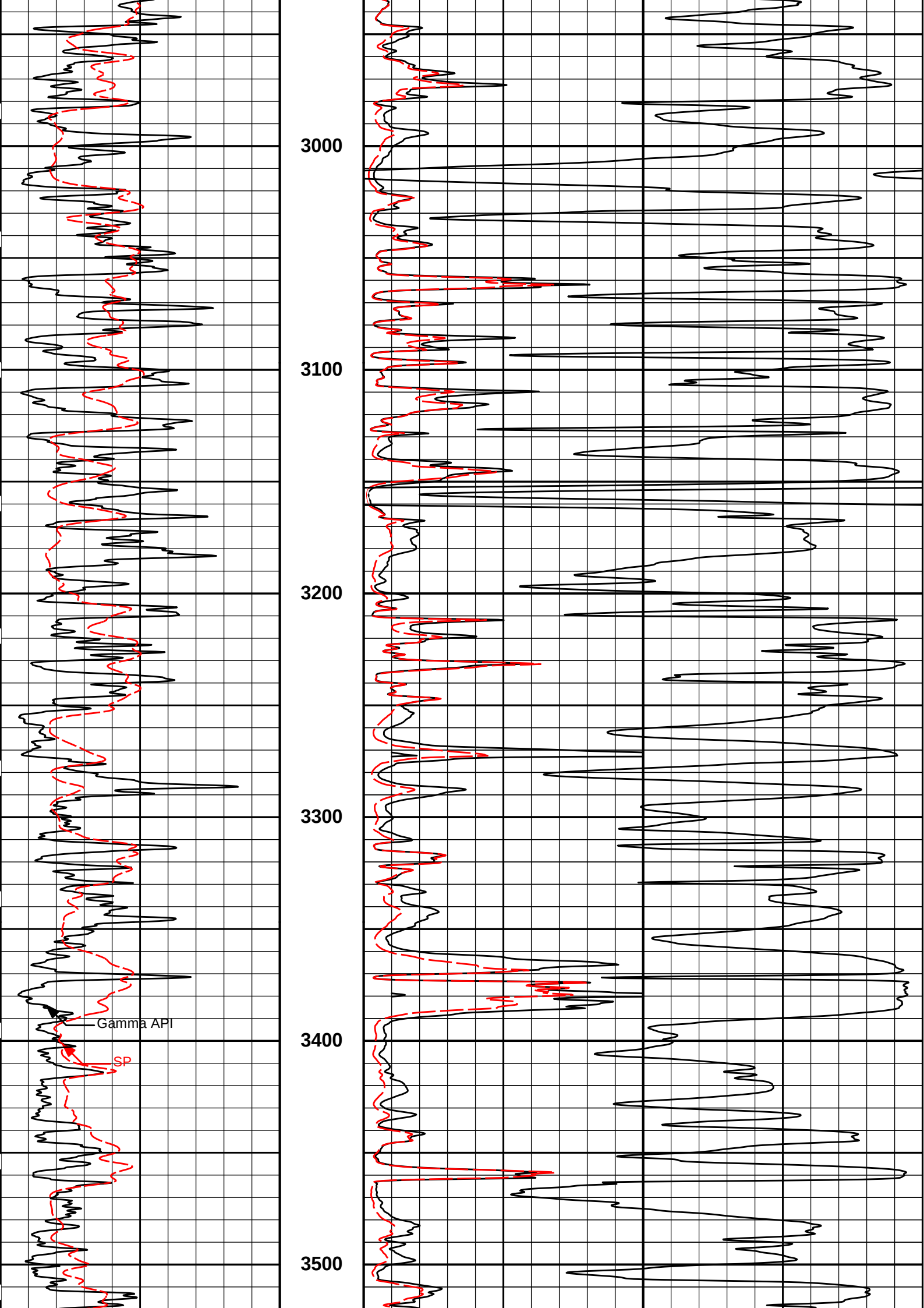
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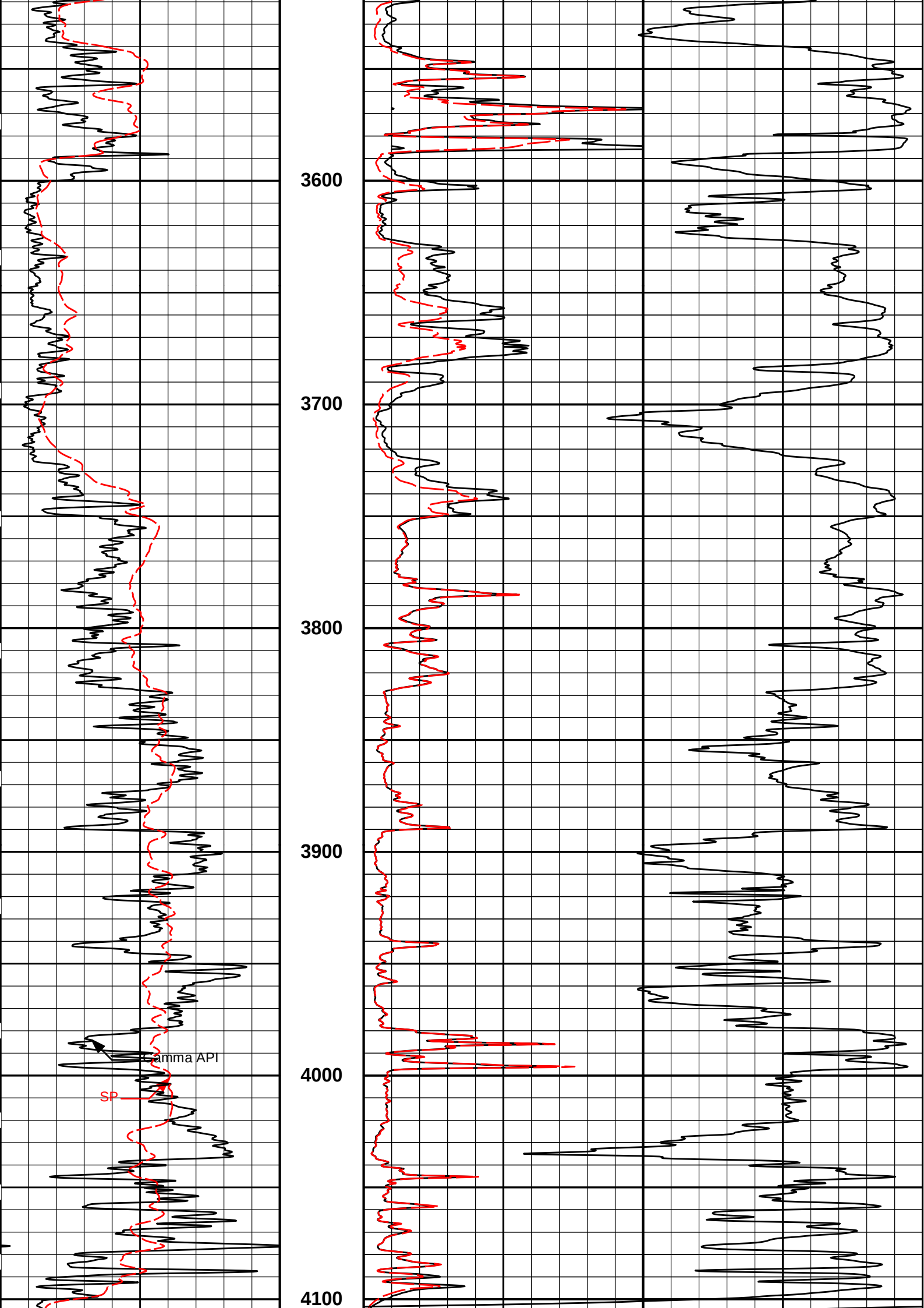
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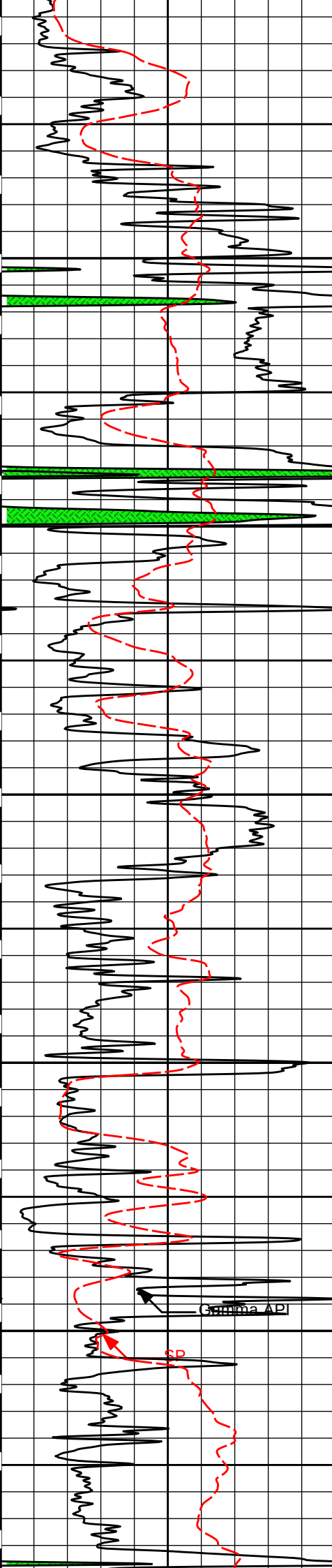
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2900









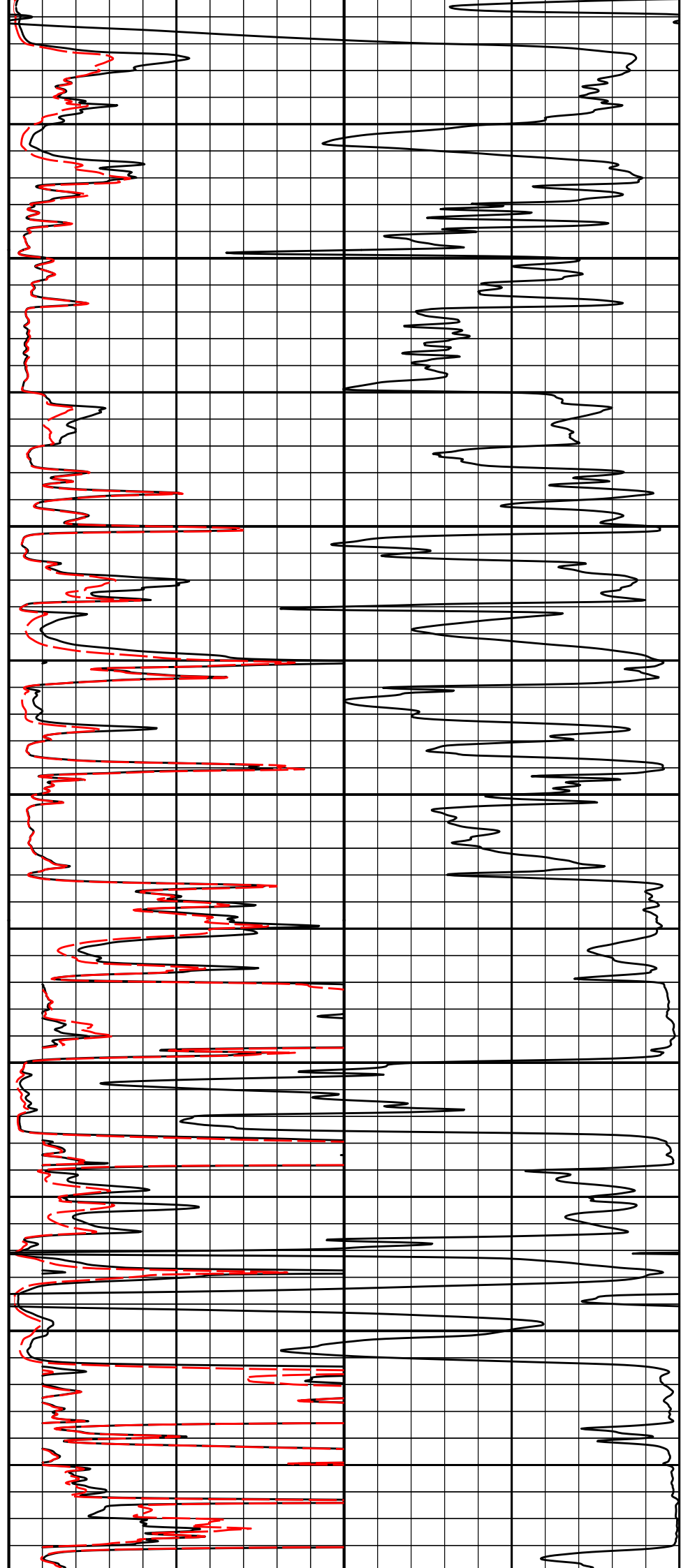
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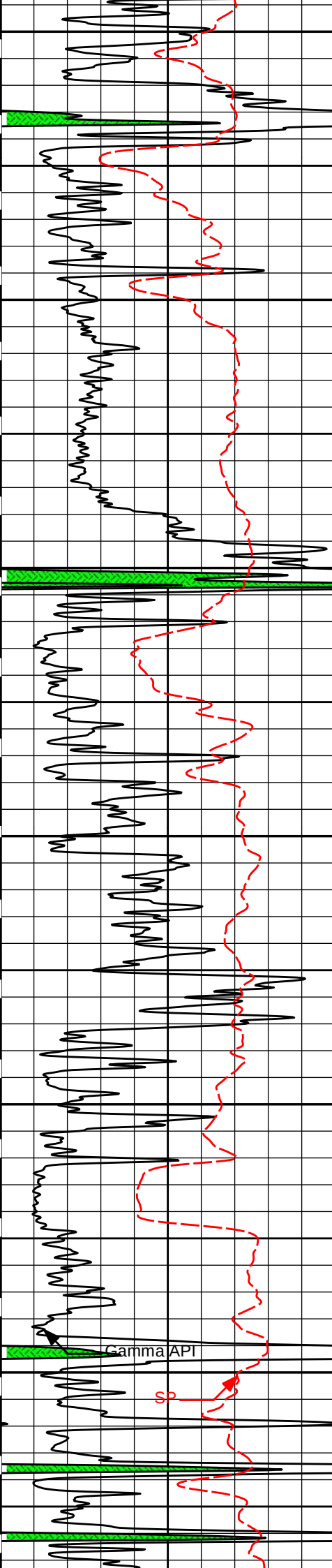
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4400

4500

4600





4700

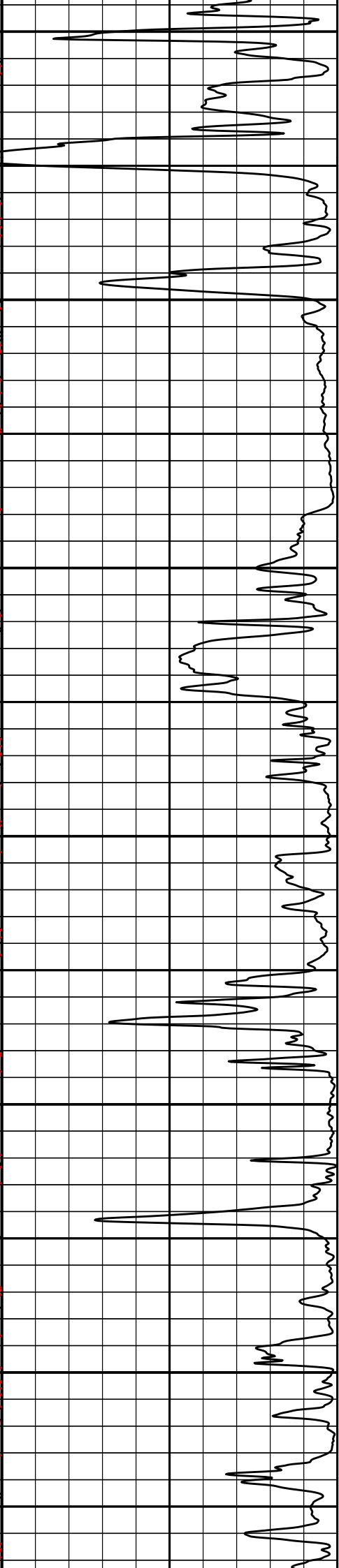
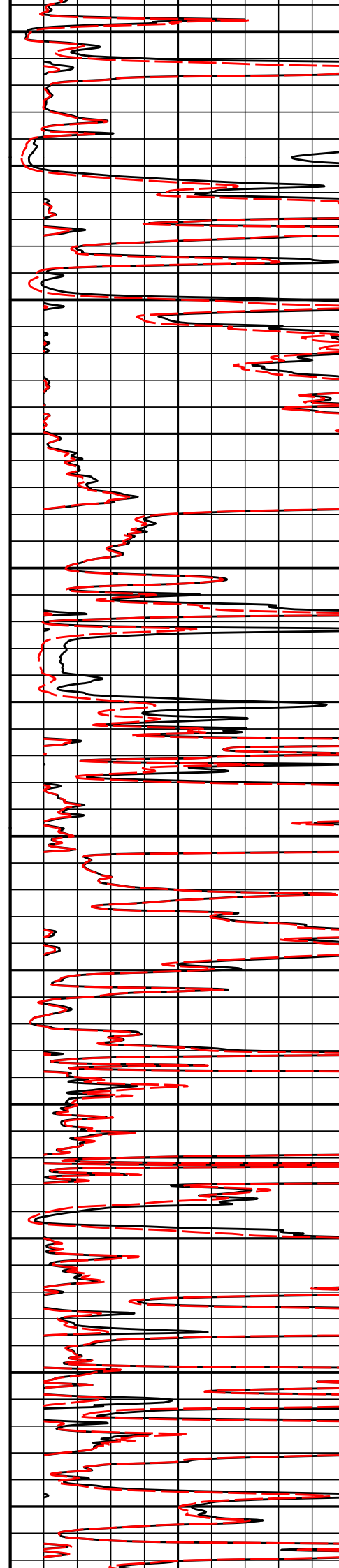
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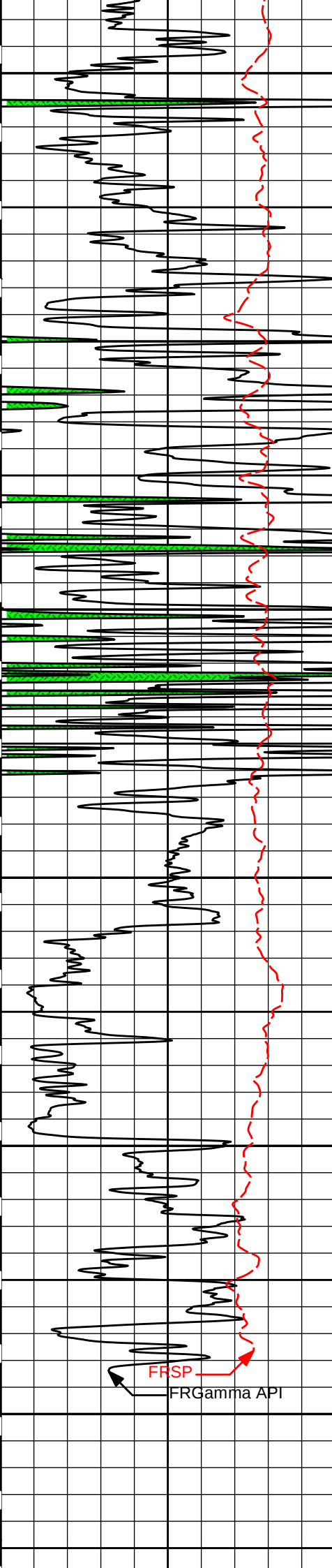
4900

5000

5100

5200





5300

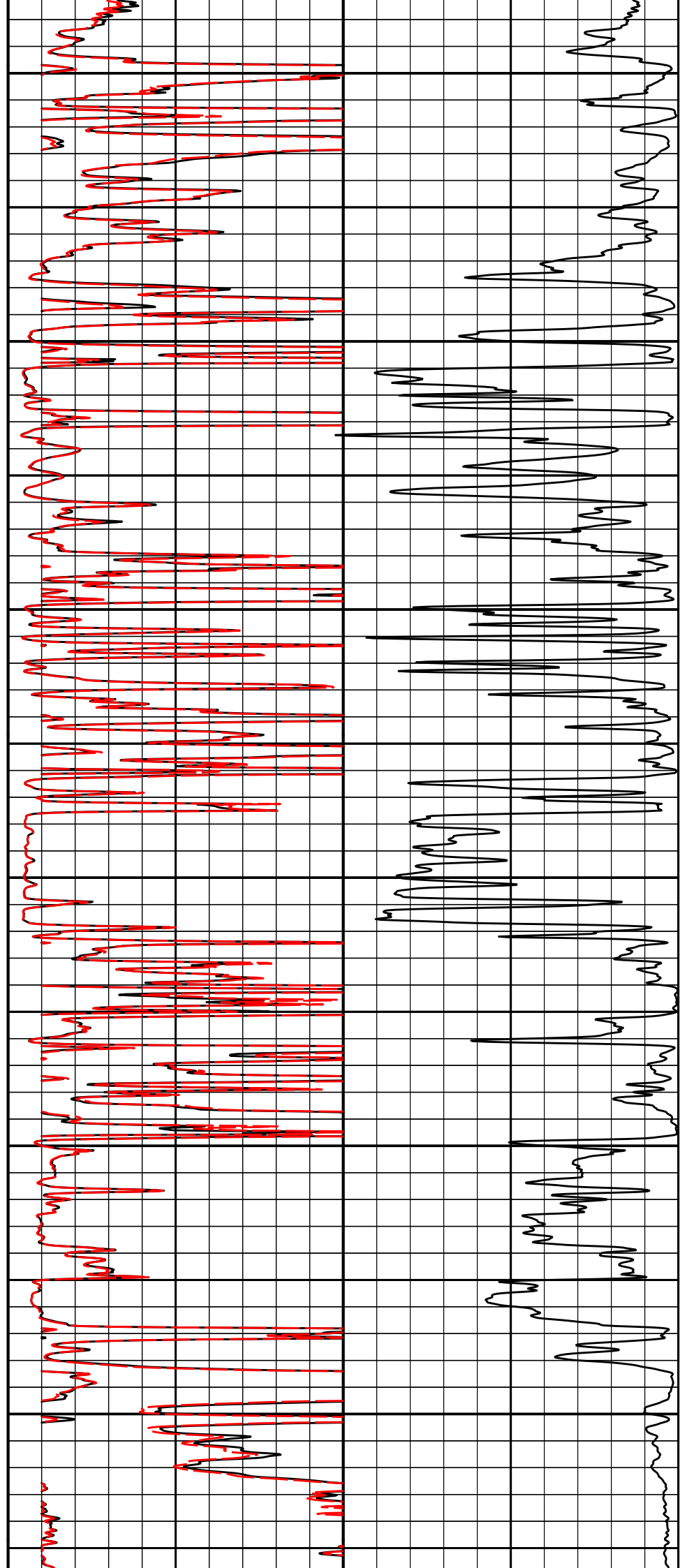
5400

5500

5600

5700

5800



[illegible]

HALLIBURTON

Plot Time: 12-Jul-18 17:55:52
Plot Range: 1620 ft to 5874.75 ft
Data: THORP_1-26RWell Based\MAIN\
Plot File: \\LOCAL-1\THORP_1-26RWell Based\ACRT\ACRT_2_main

2 INCH MAIN LOG

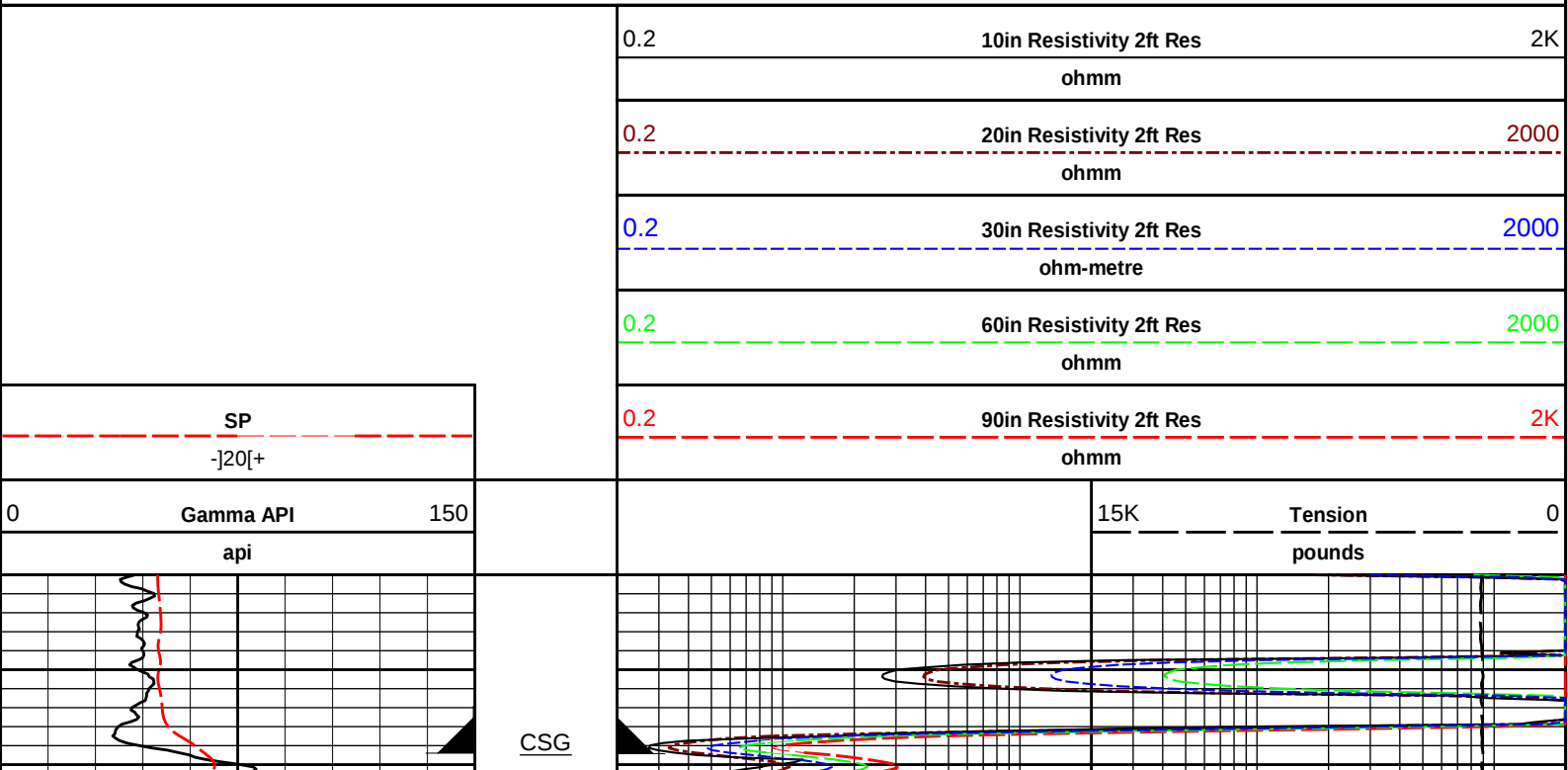
2 INCH MAIN LOG

HALLIBURTON

Plot Time: 12-Jul-18 17:55:52
Plot Range: 1620 ft to 5874.75 ft
Data: THORP_1-26R\Well Based\MAIN\
Plot File: \\LOCAL-1\THORP_1-26R\Well Based\ACRT\ACRT_5inch_main

5 INCH MAIN LOG

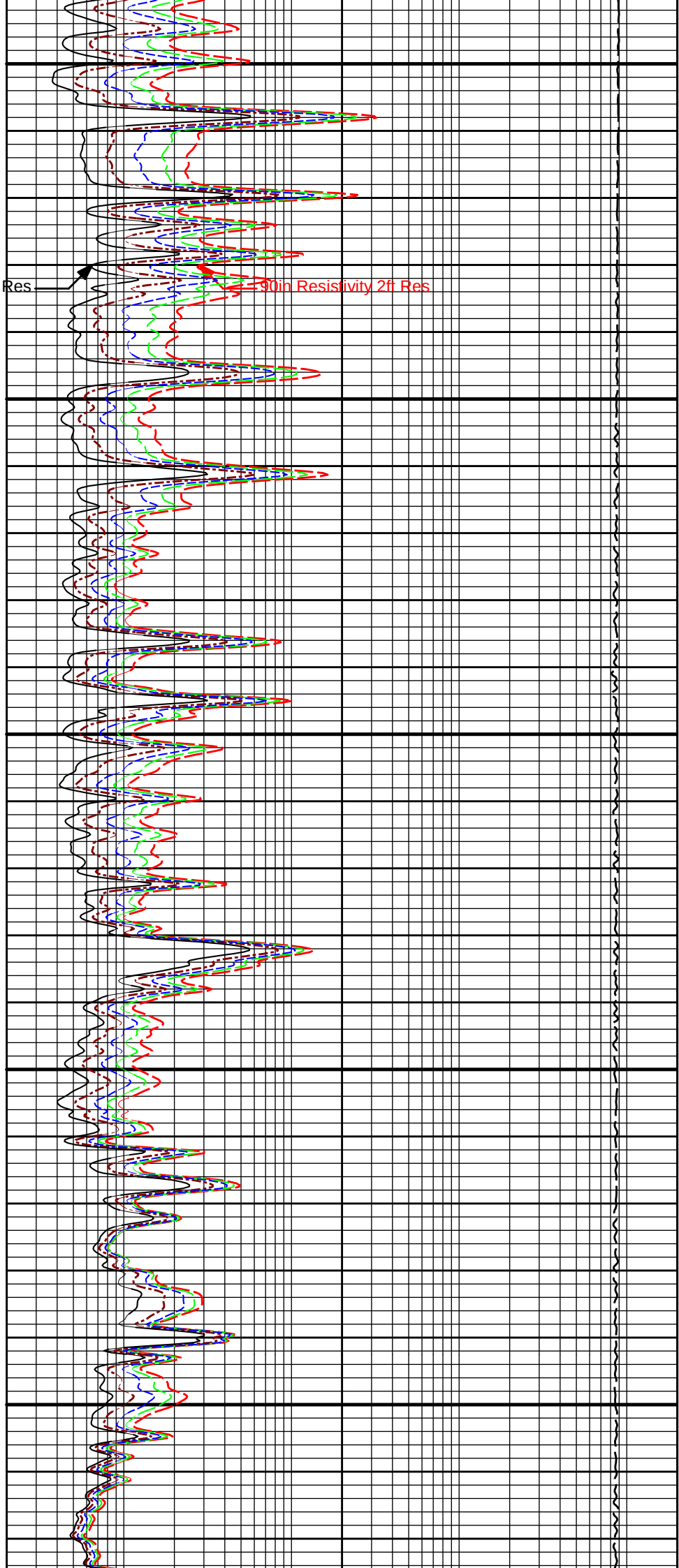
5 INCH MAIN LOG

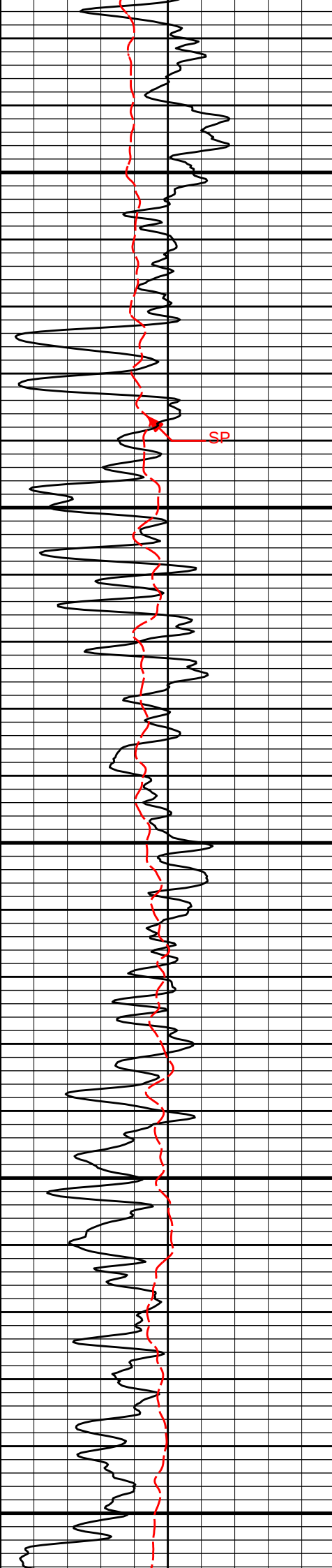




1700

1800





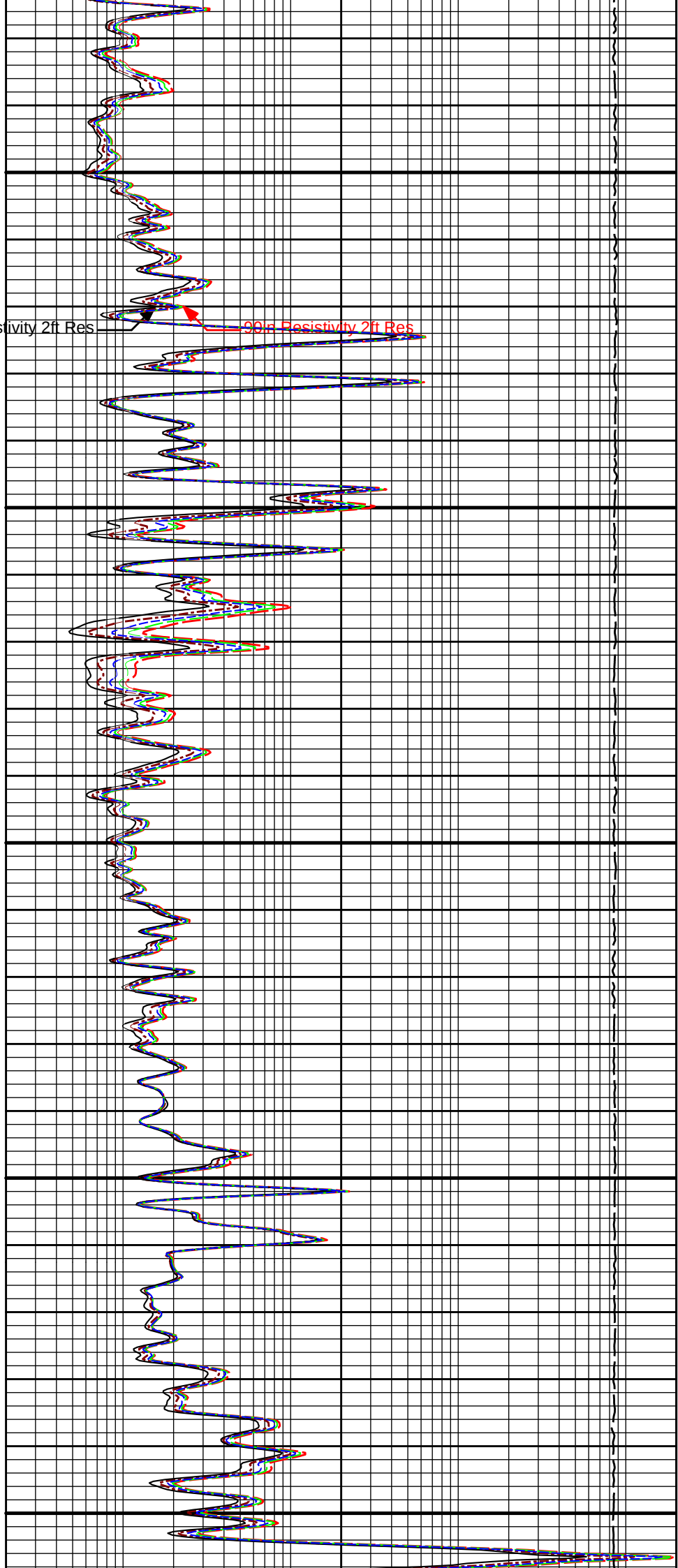
1900

10in Resistivity 2ft Res

SP

2000

2100

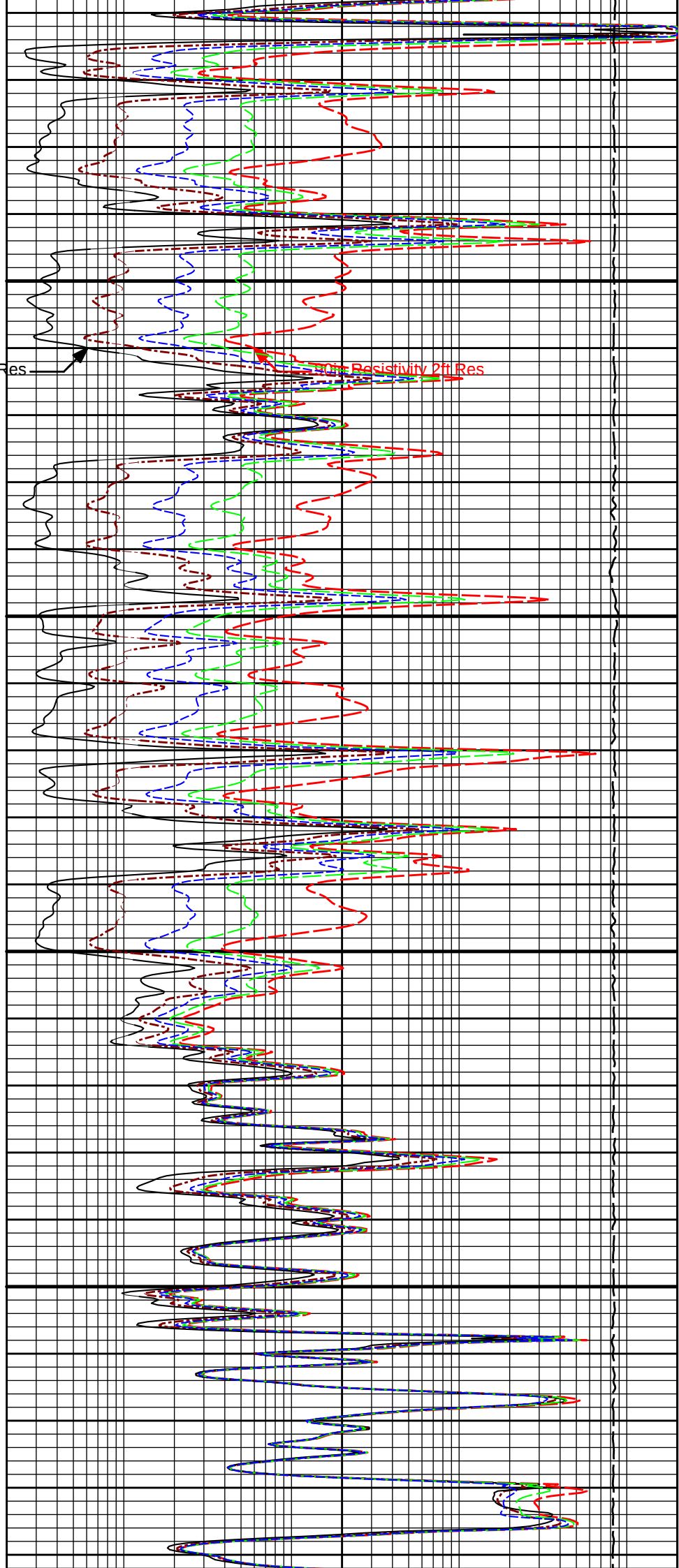


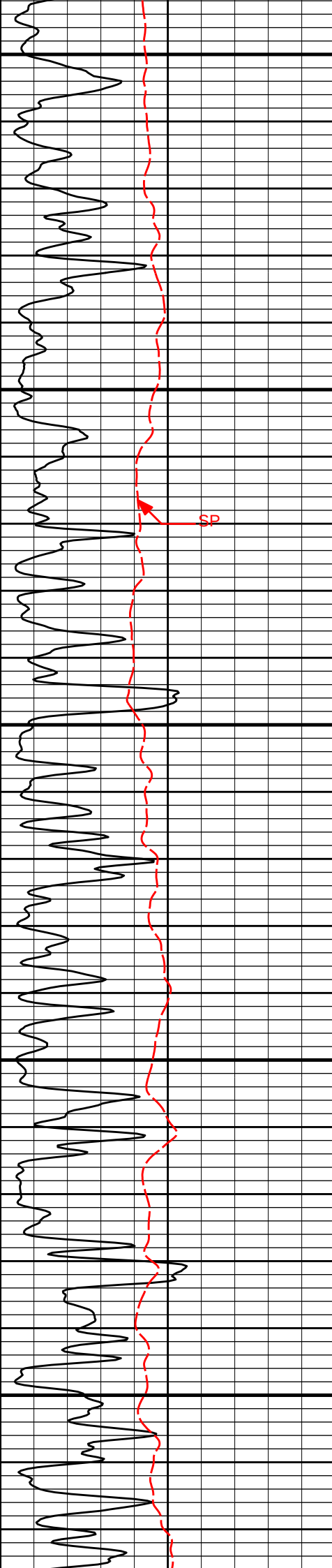
20in Resistivity 2ft Res



2200

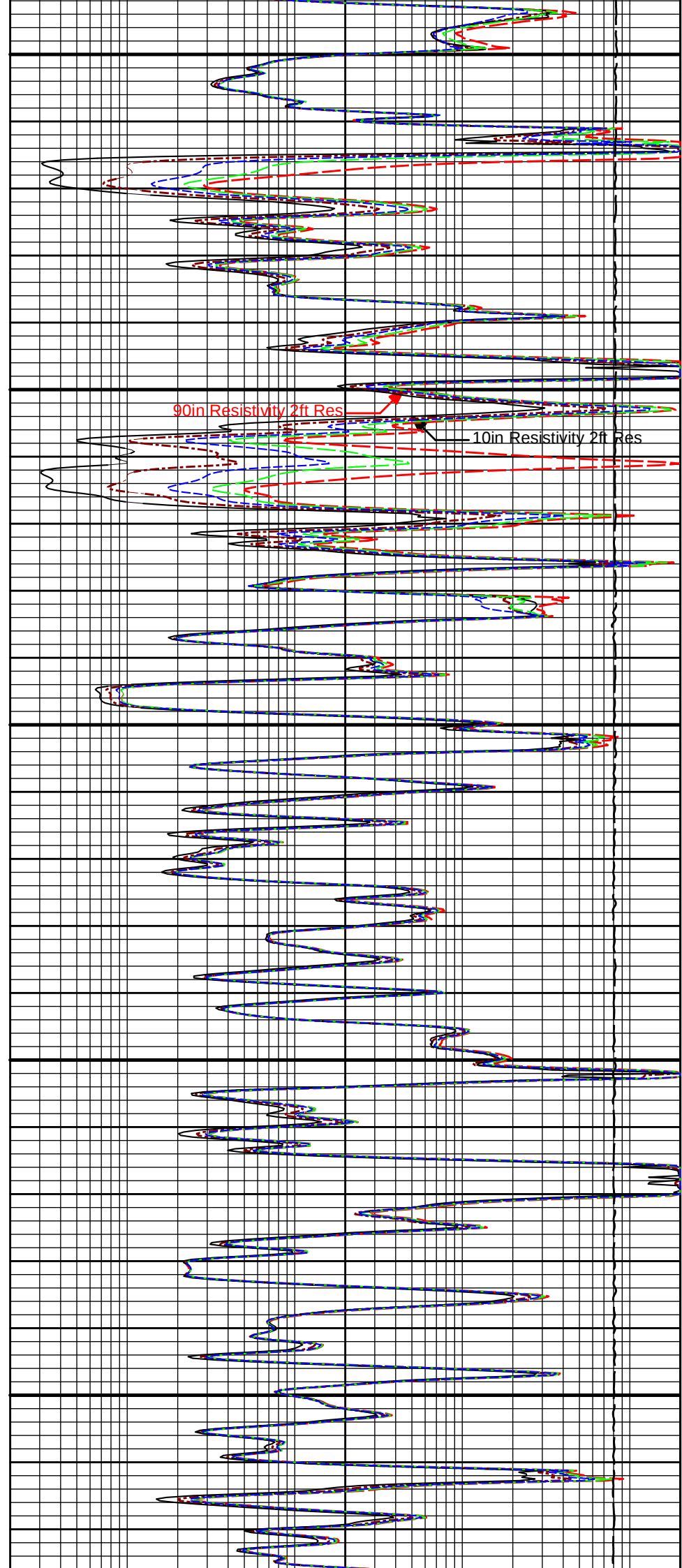
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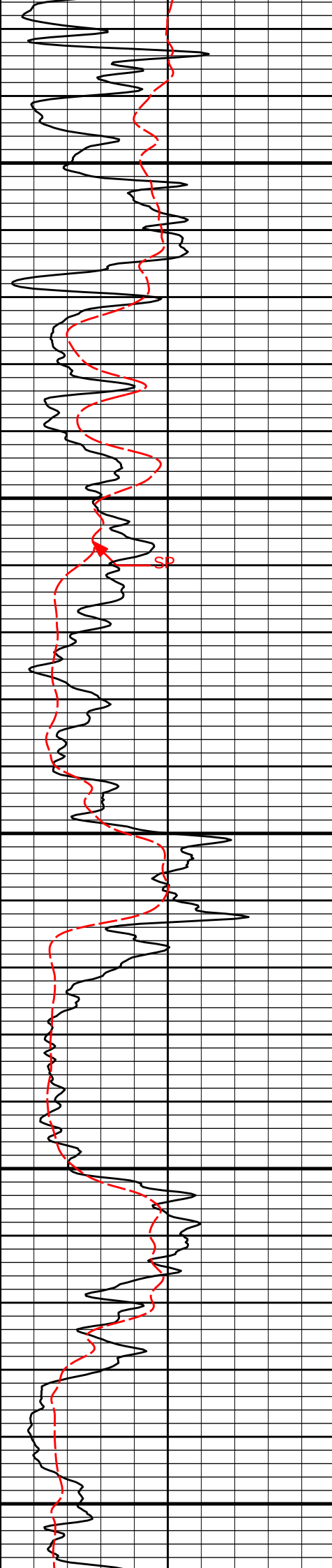




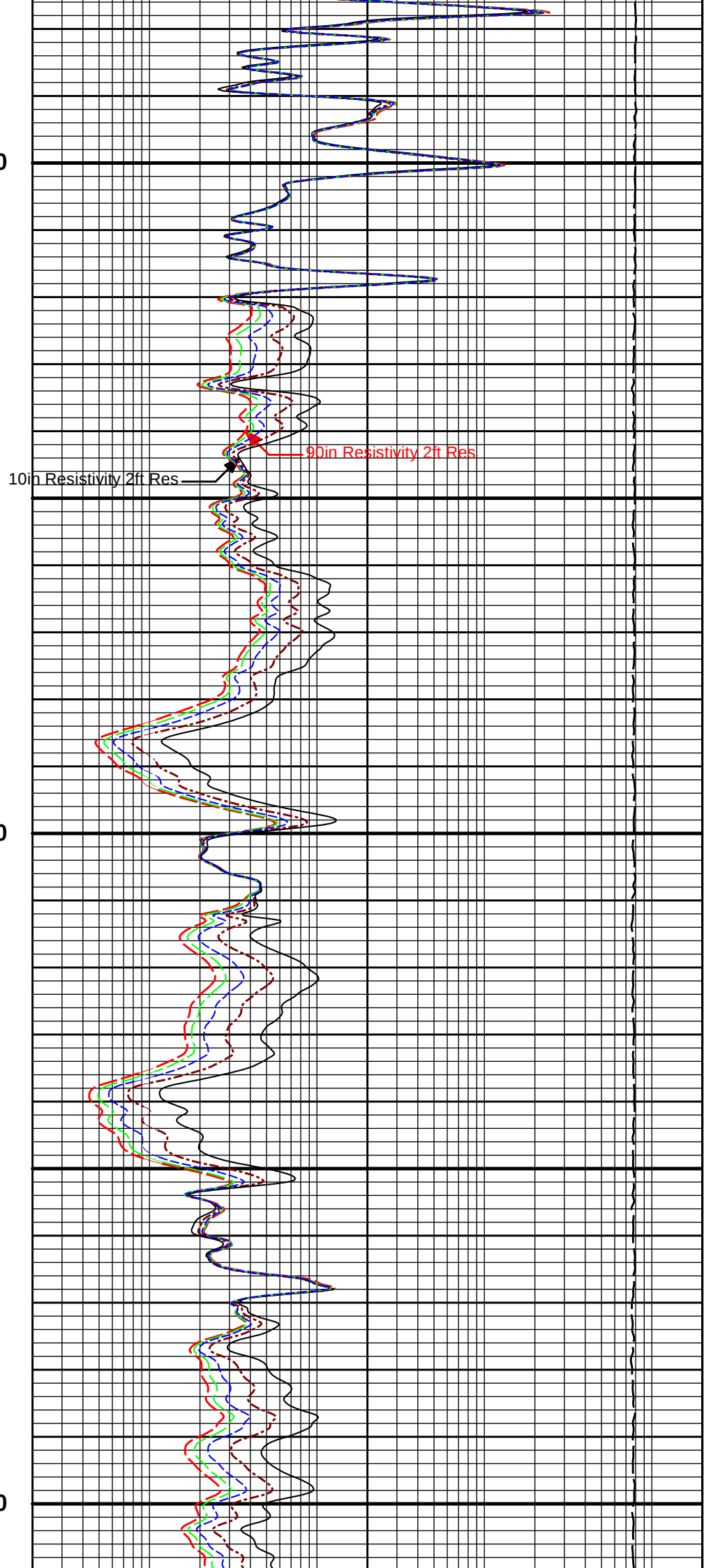
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2500





2600

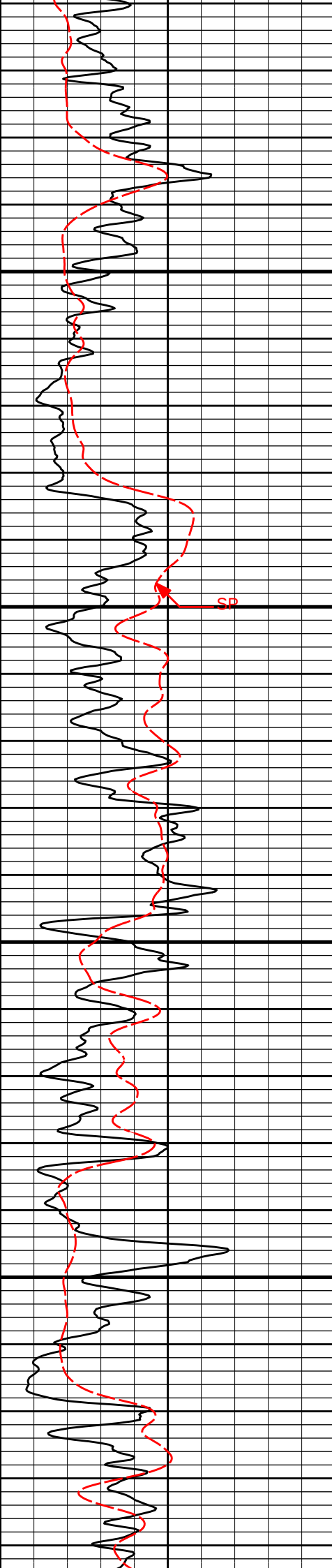


10in Resistivity 2ft Res

90in Resistivity 2ft Res

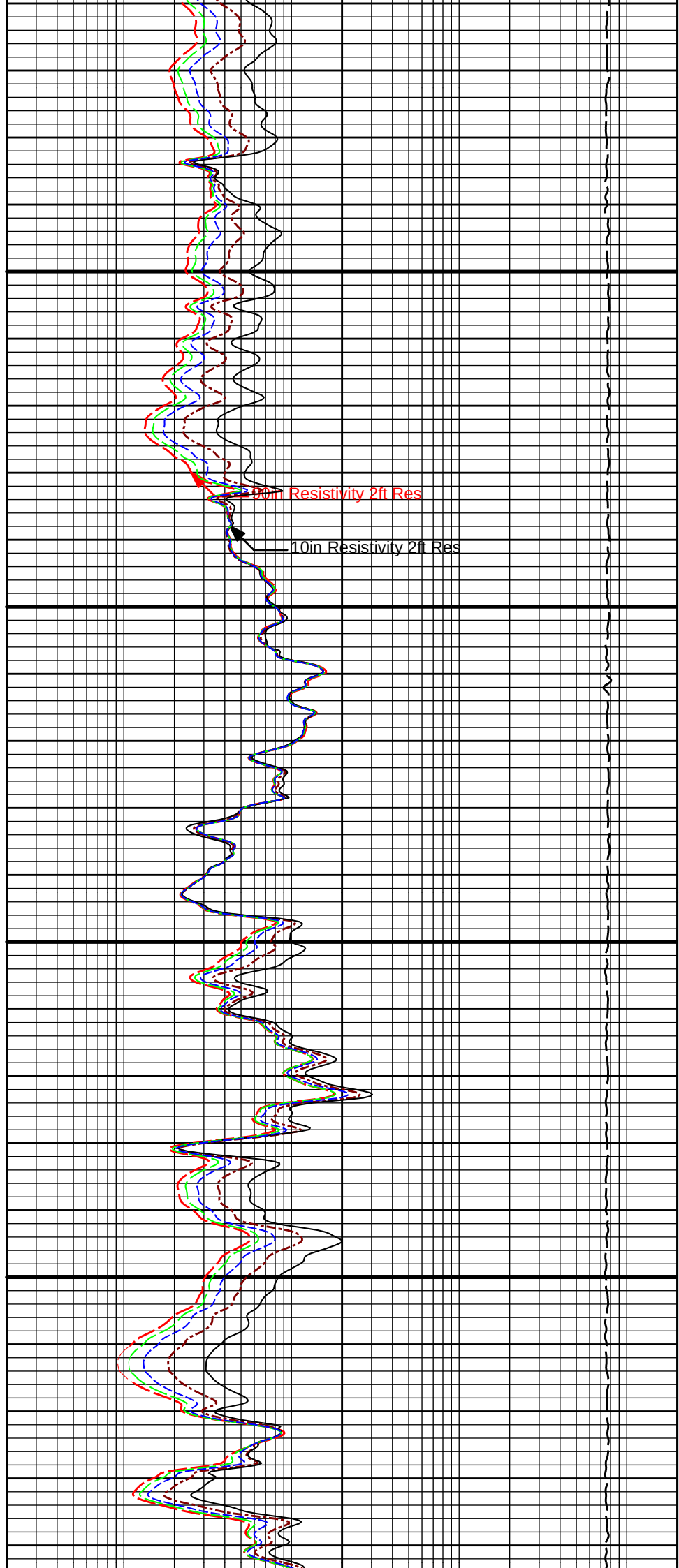
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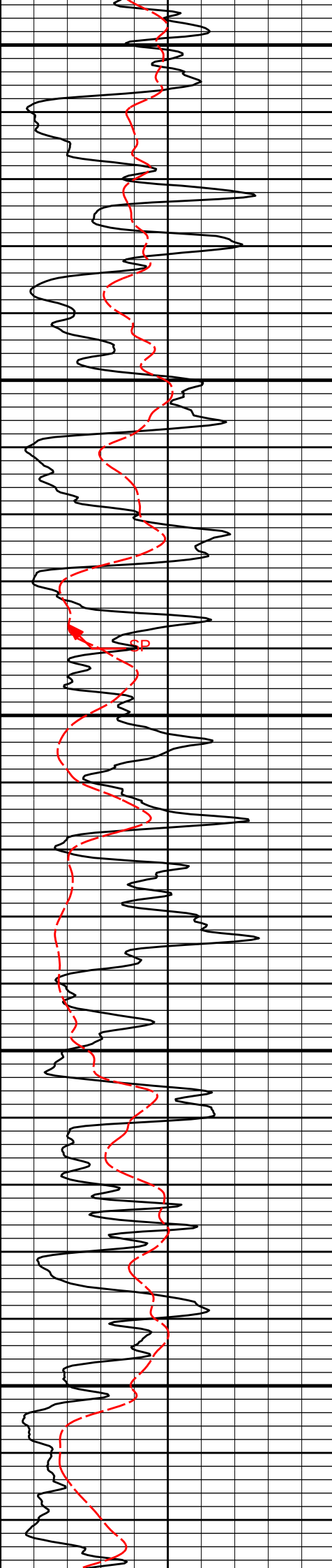
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2900

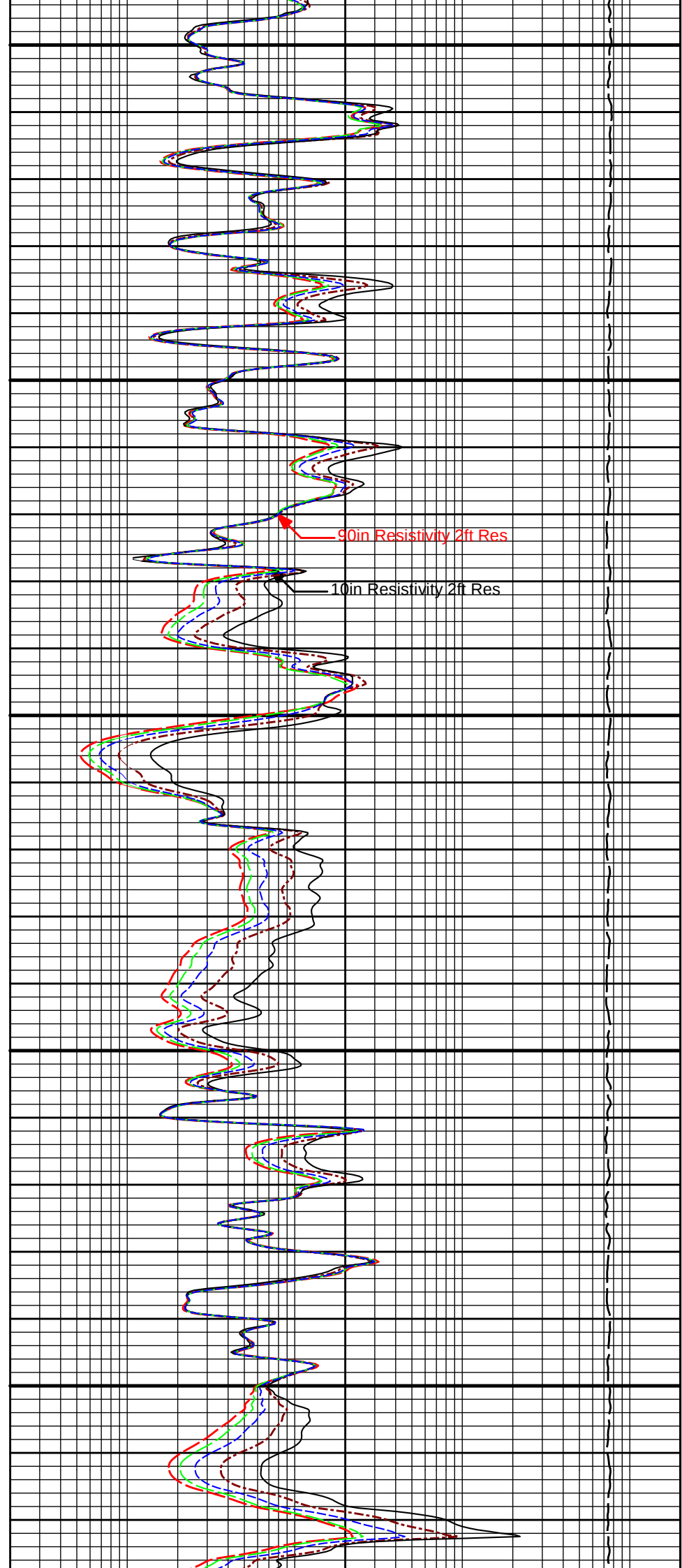
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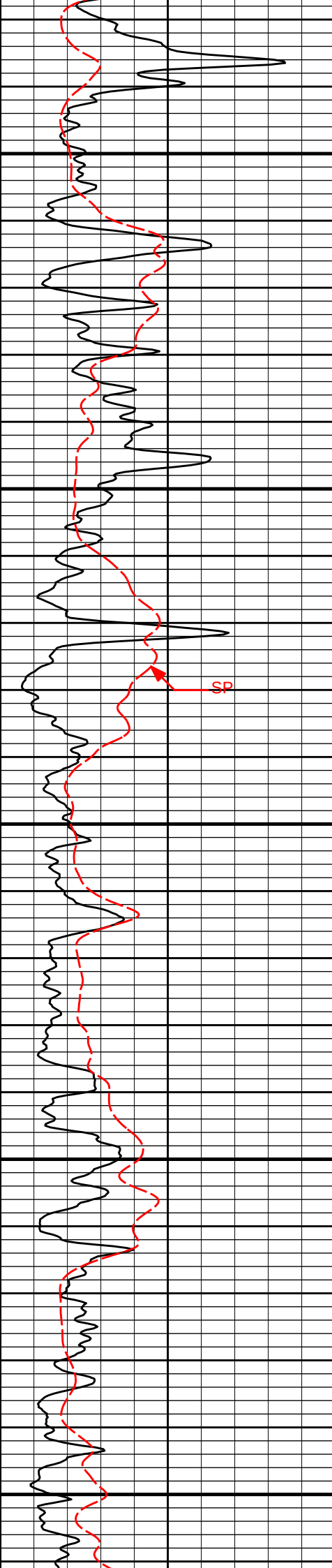




3100

3200

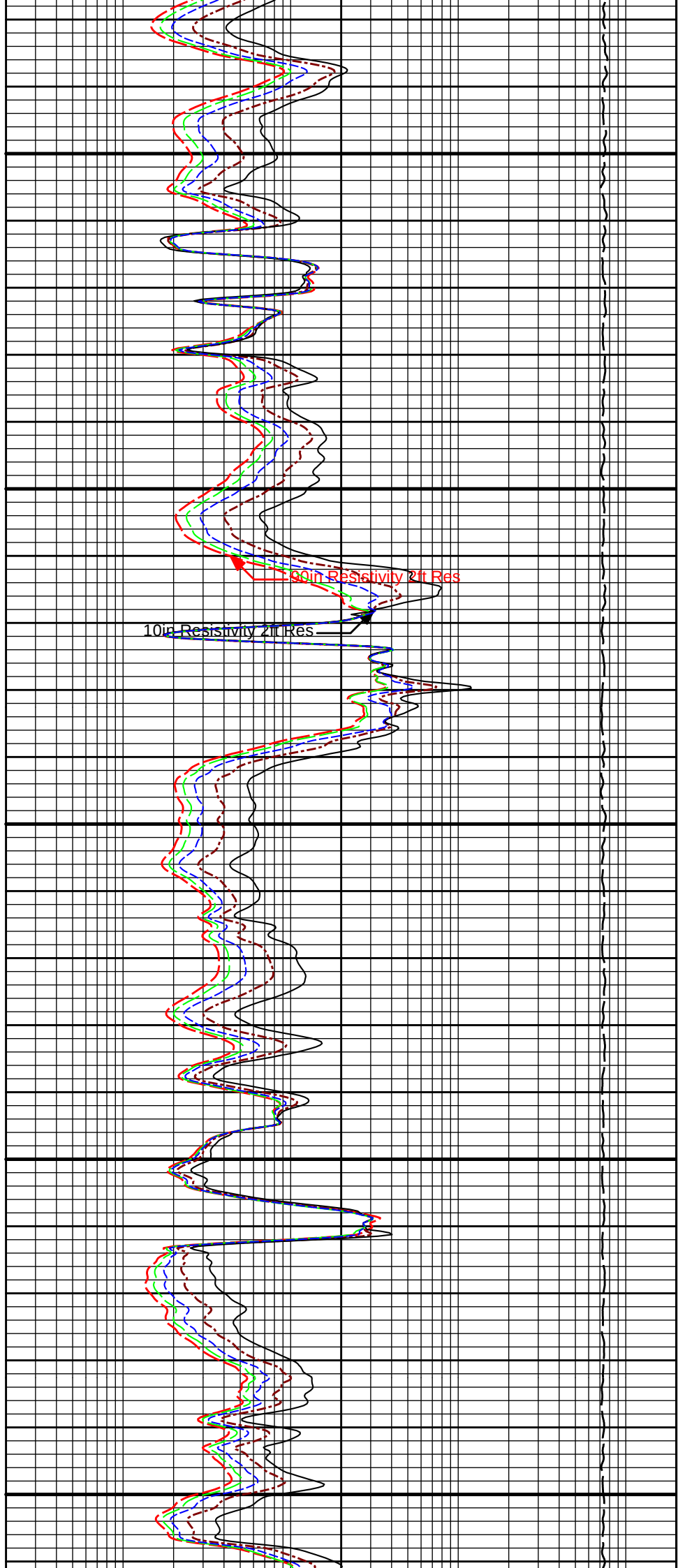


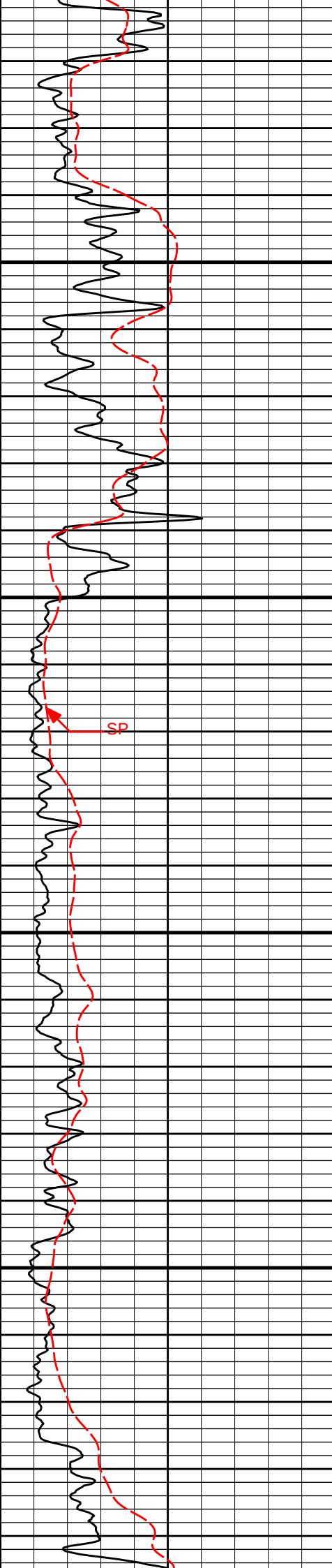


3300

3400

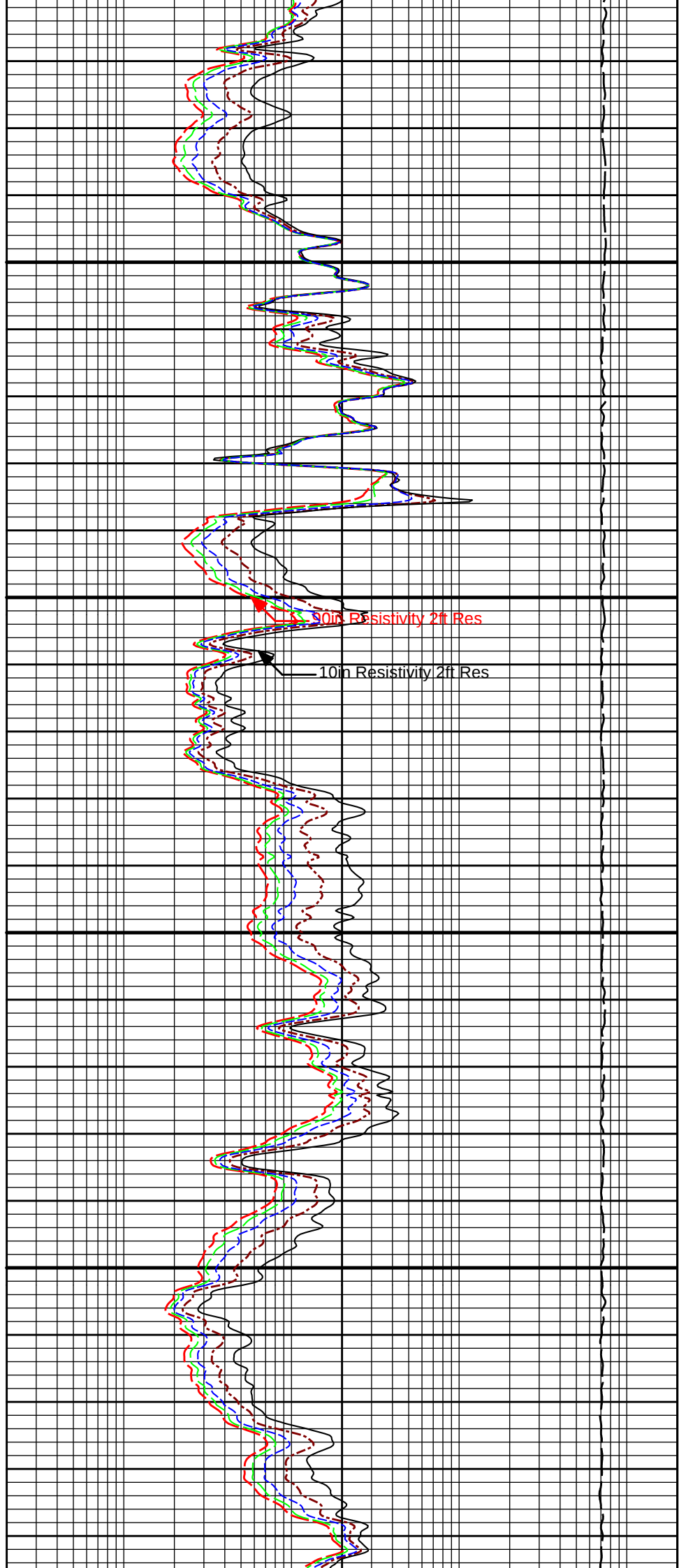
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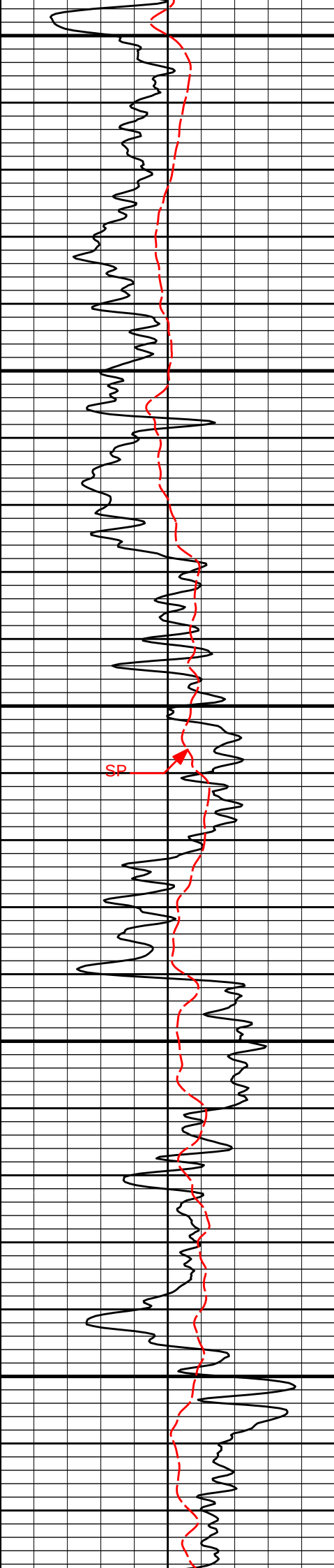




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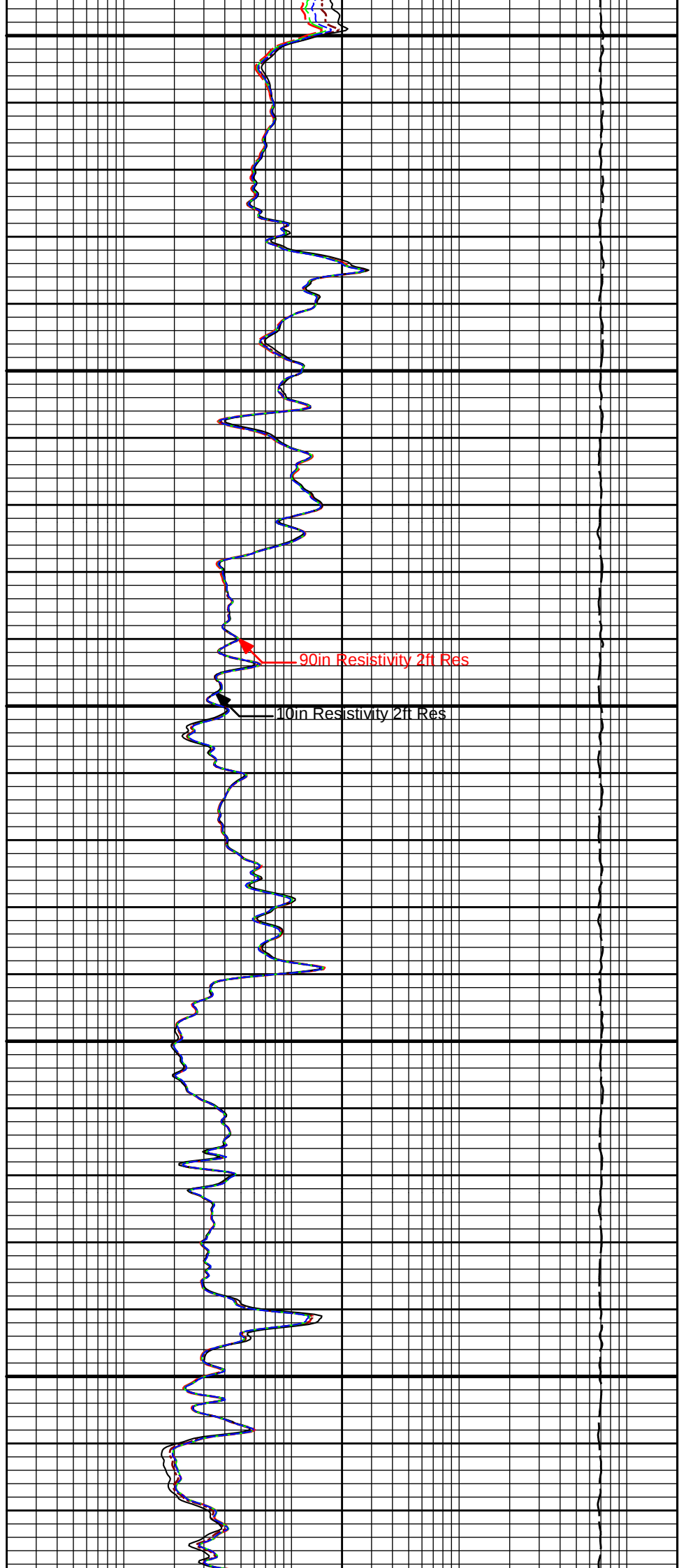
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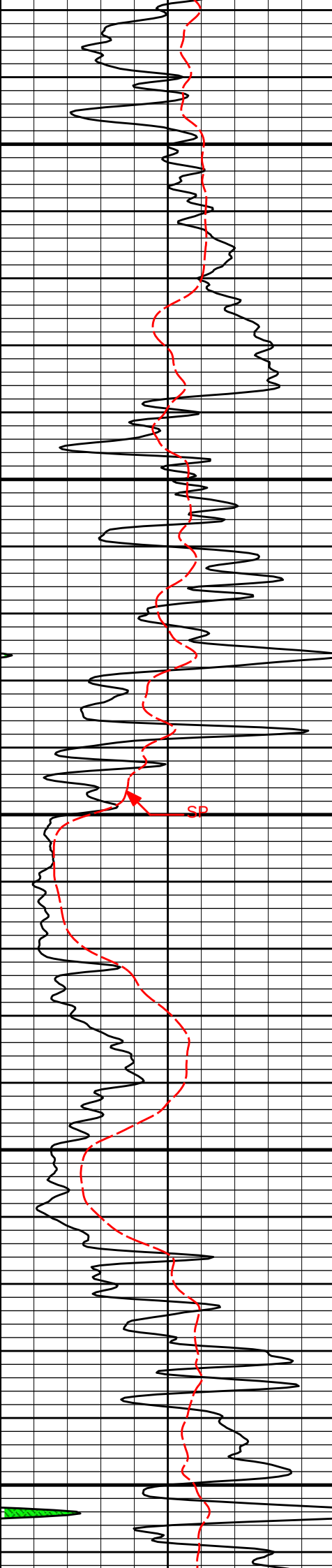
3800

3900



90in Resistivity 2ft Res

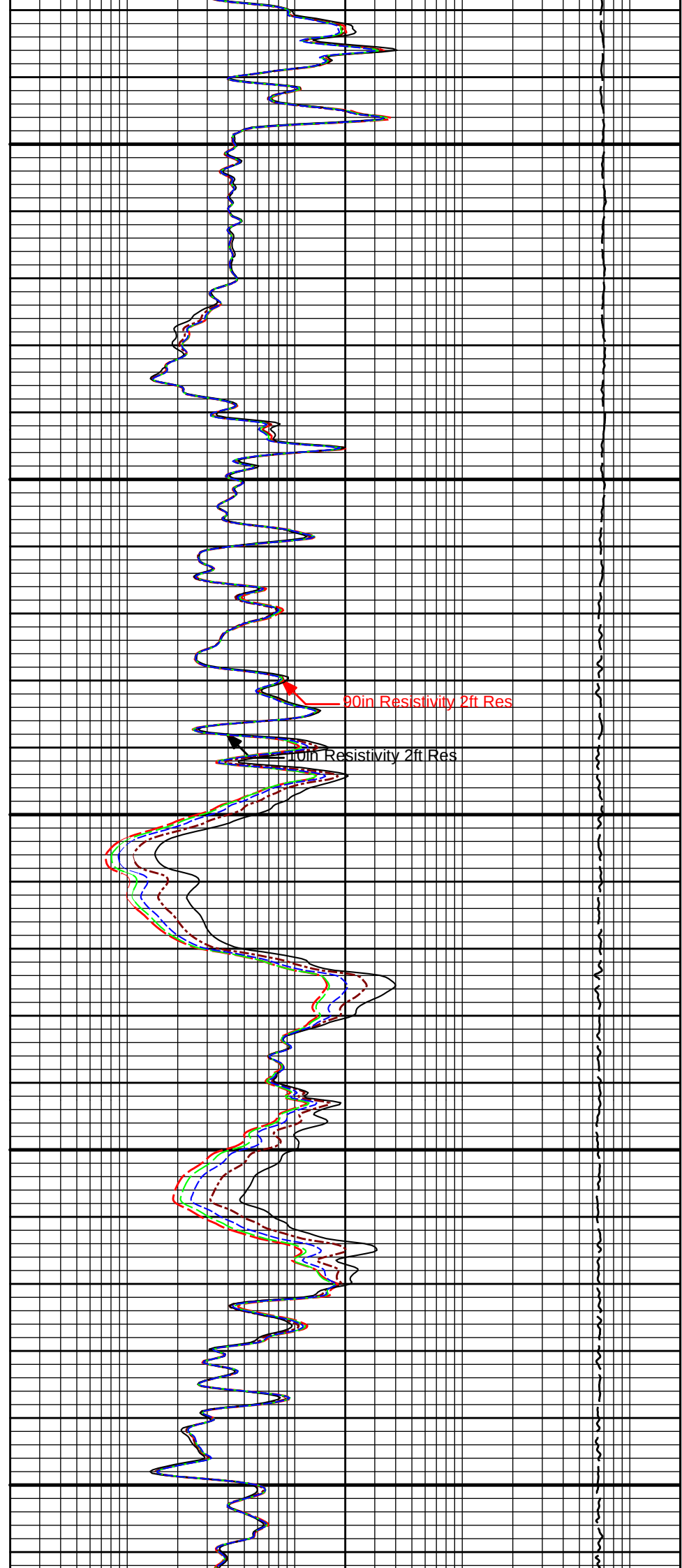
10in Resistivity 2ft Res



4000

4100

4200



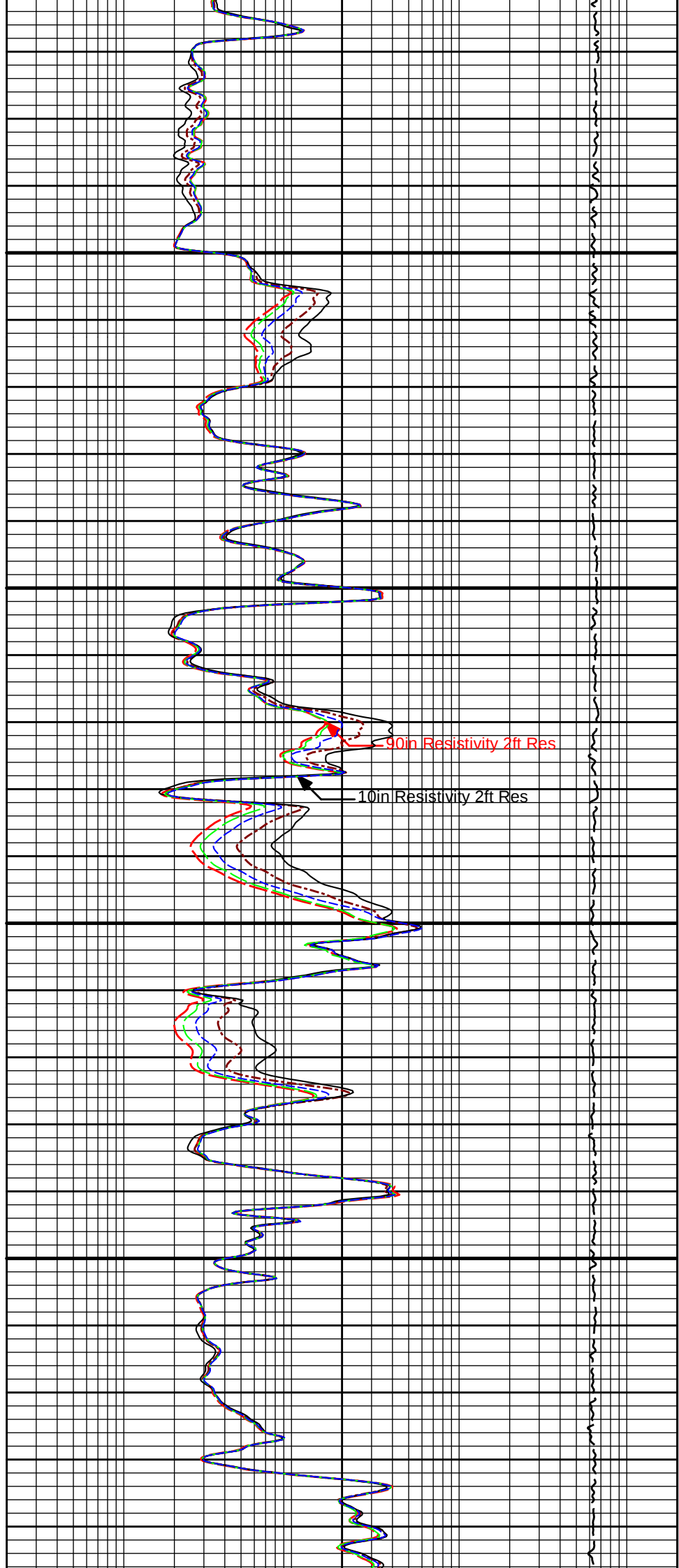
90in Resistivity 2ft Res

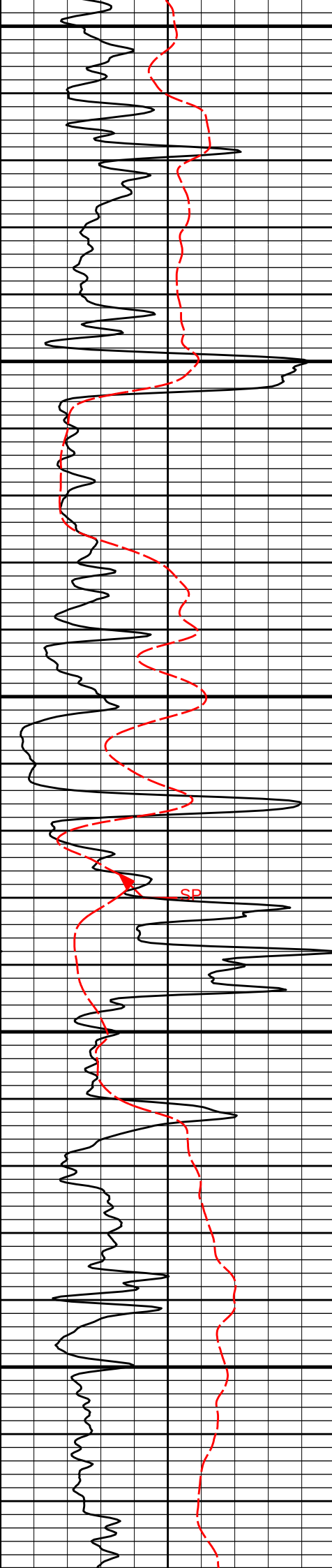
10in Resistivity 2ft Res



4300

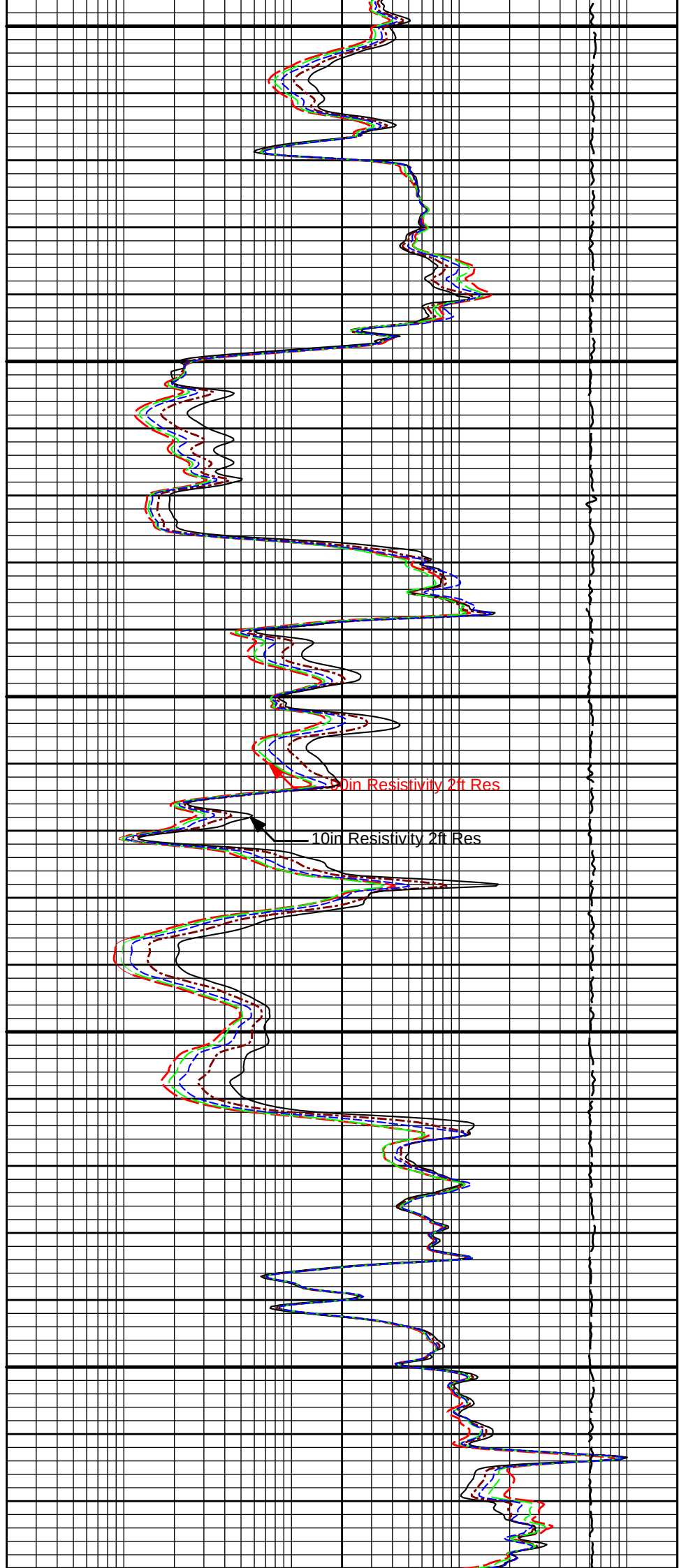
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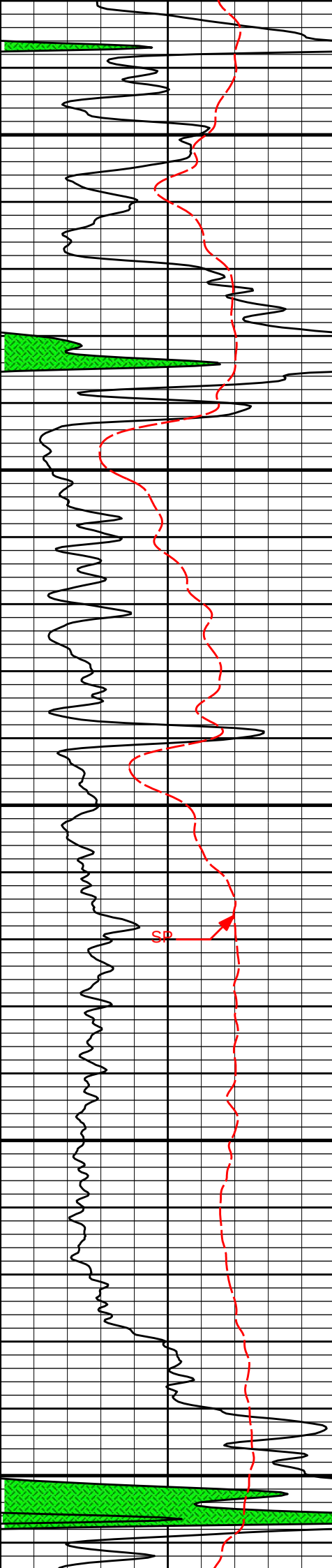




4500

4600



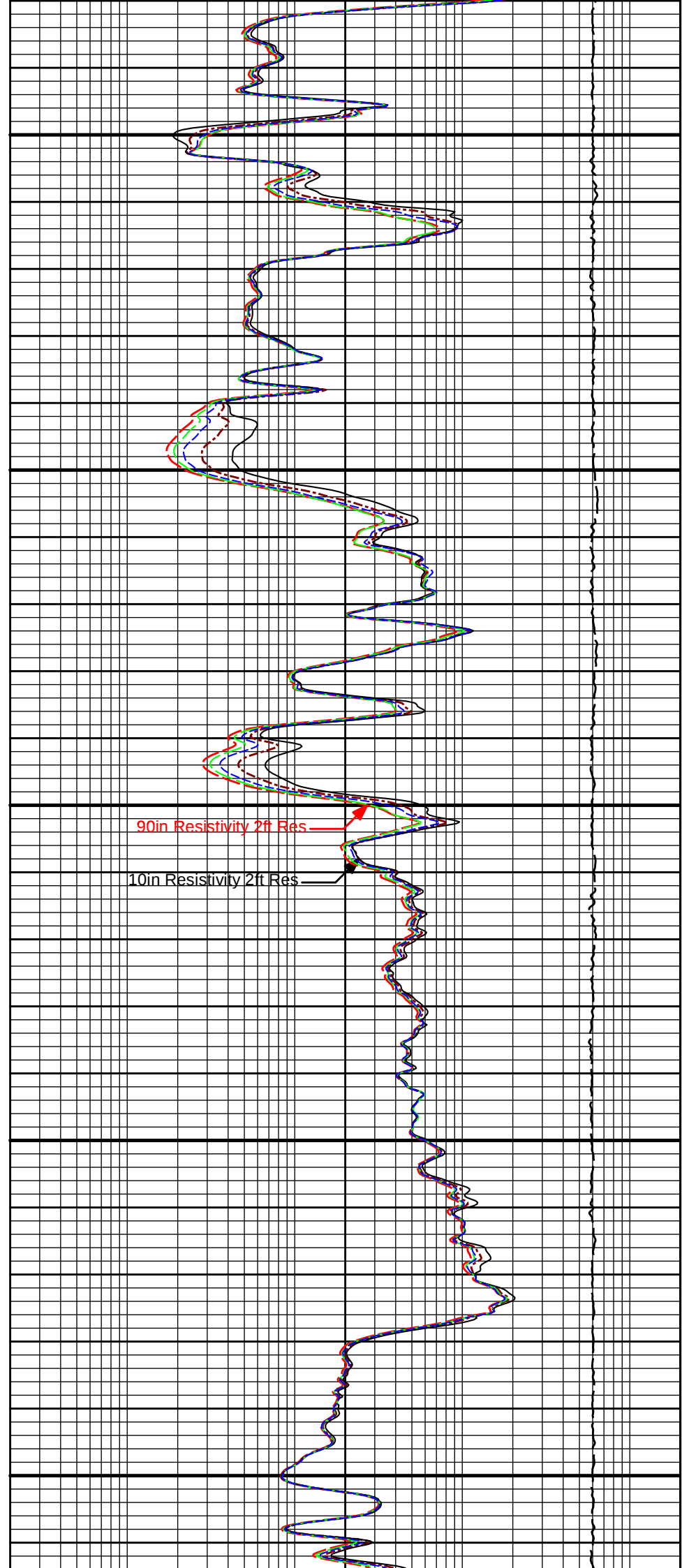


4700

4800

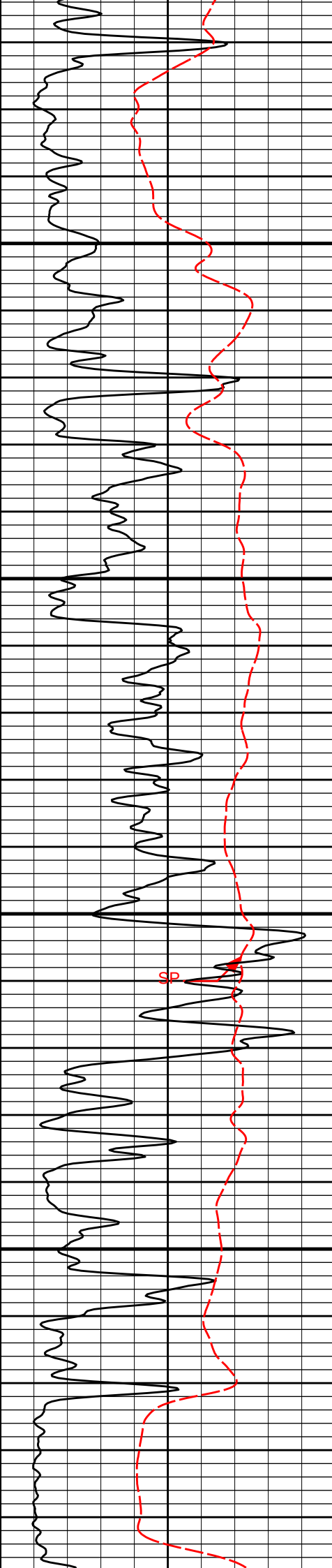
4900

SP



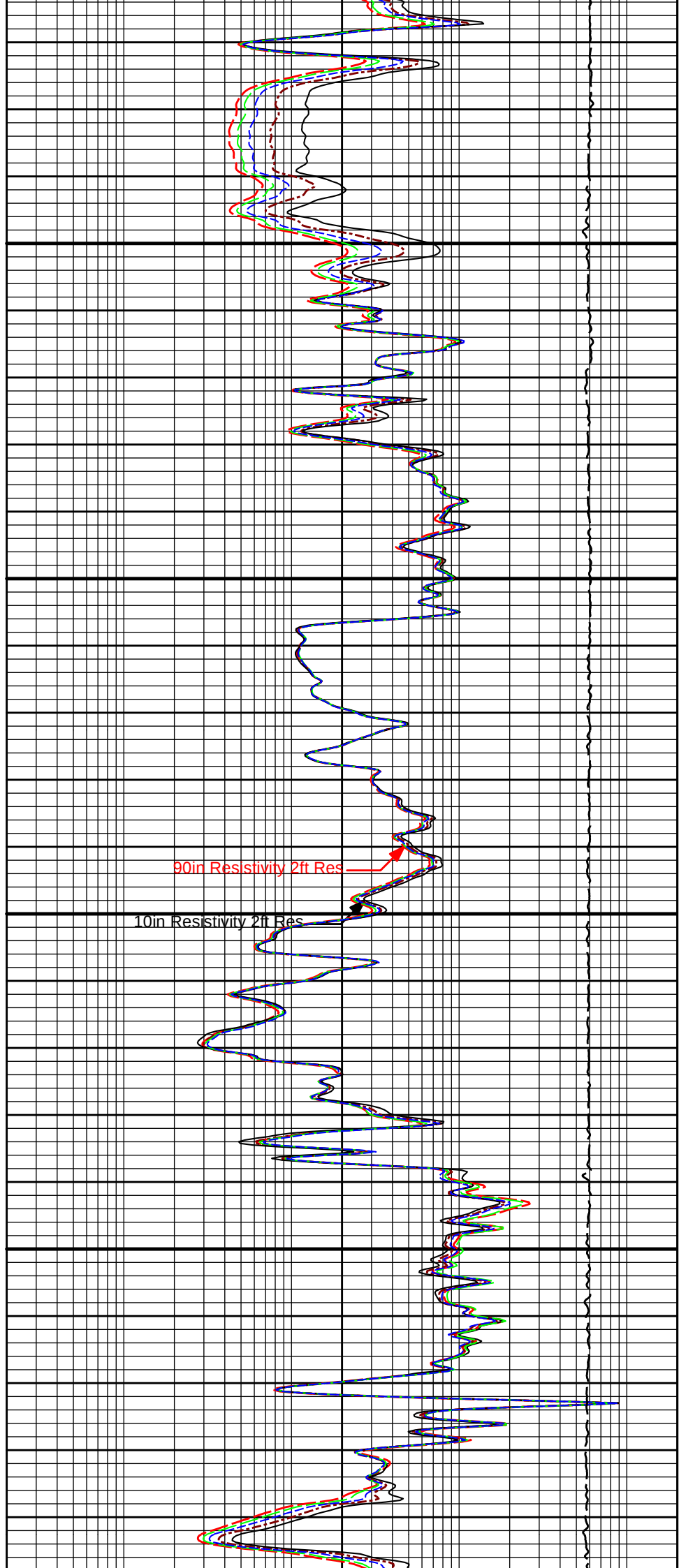
90in Resistivity 2ft Res

10in Resistivity 2ft Res



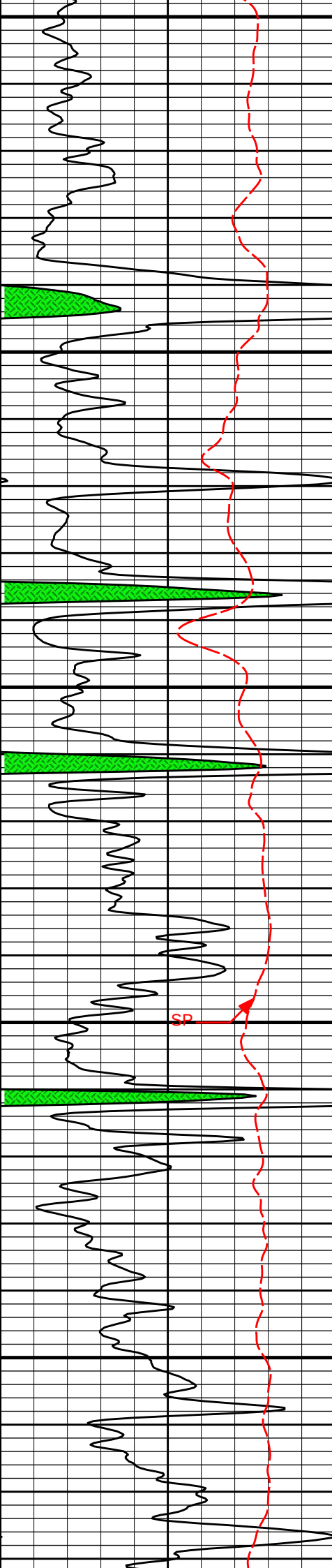
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5100



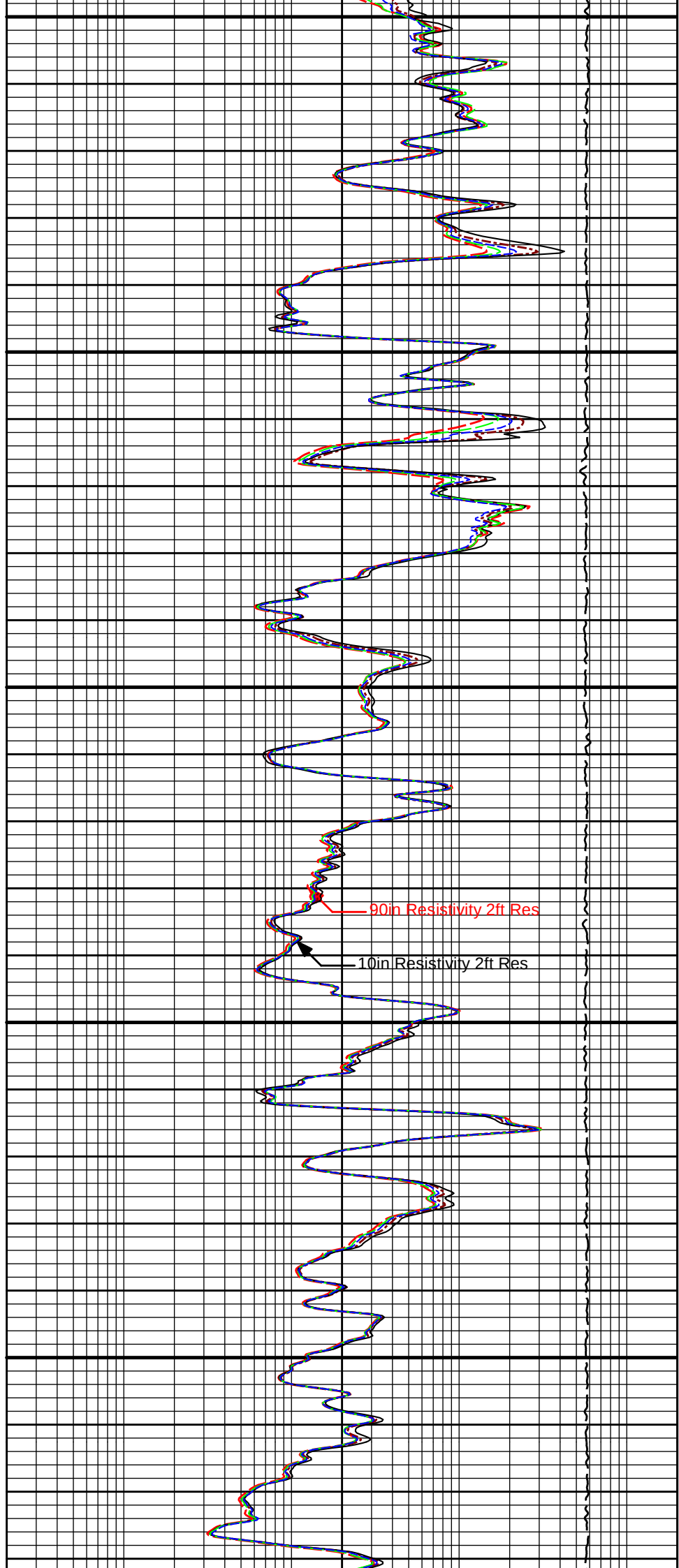
90in Resistivity 2ft Res

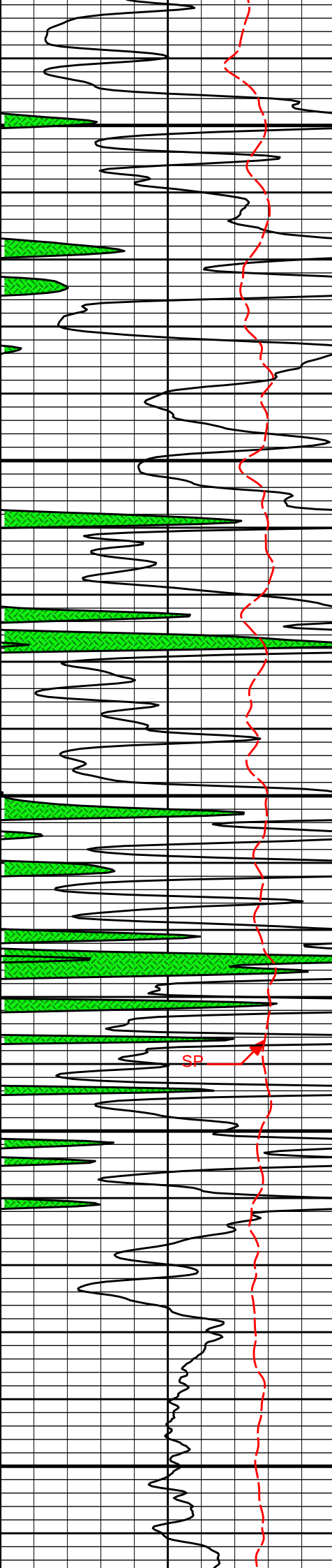
10in Resistivity 2ft Res



5200

5300

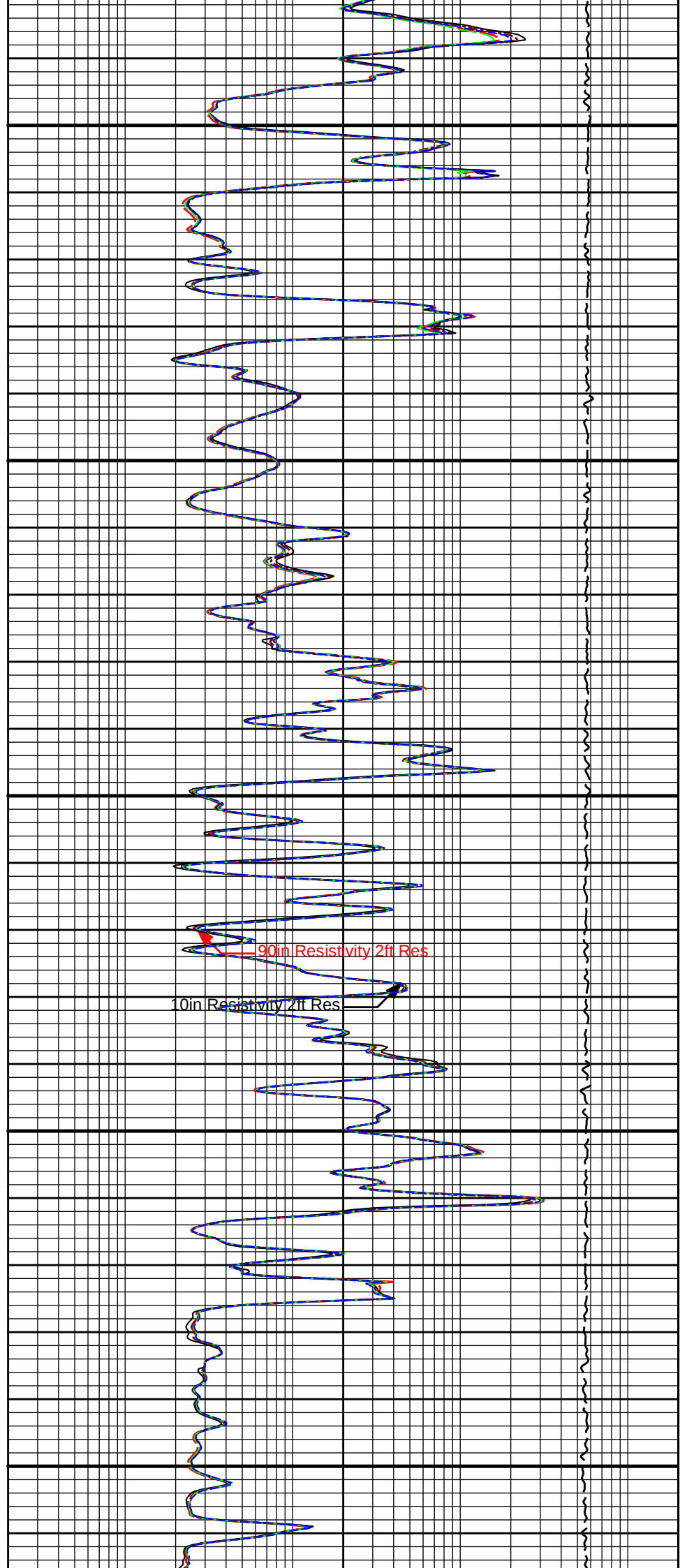


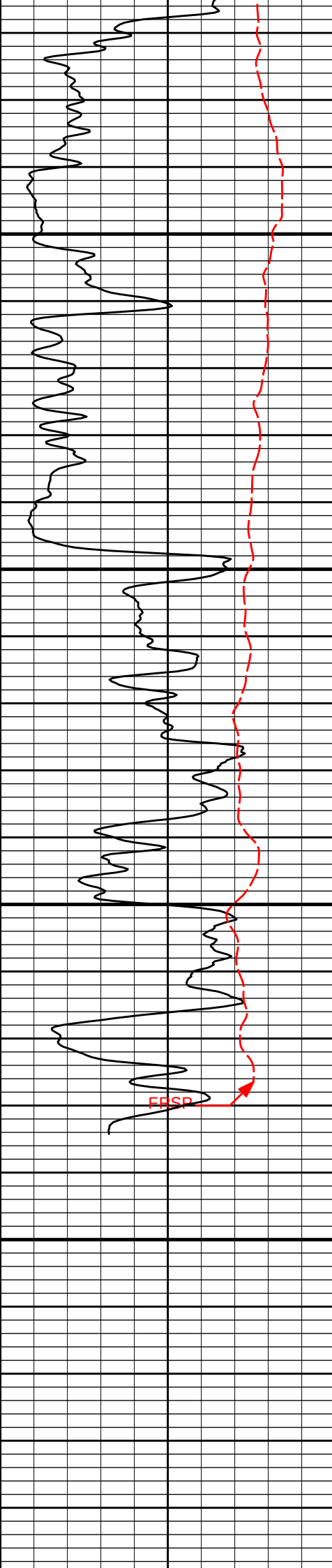


5400

5500

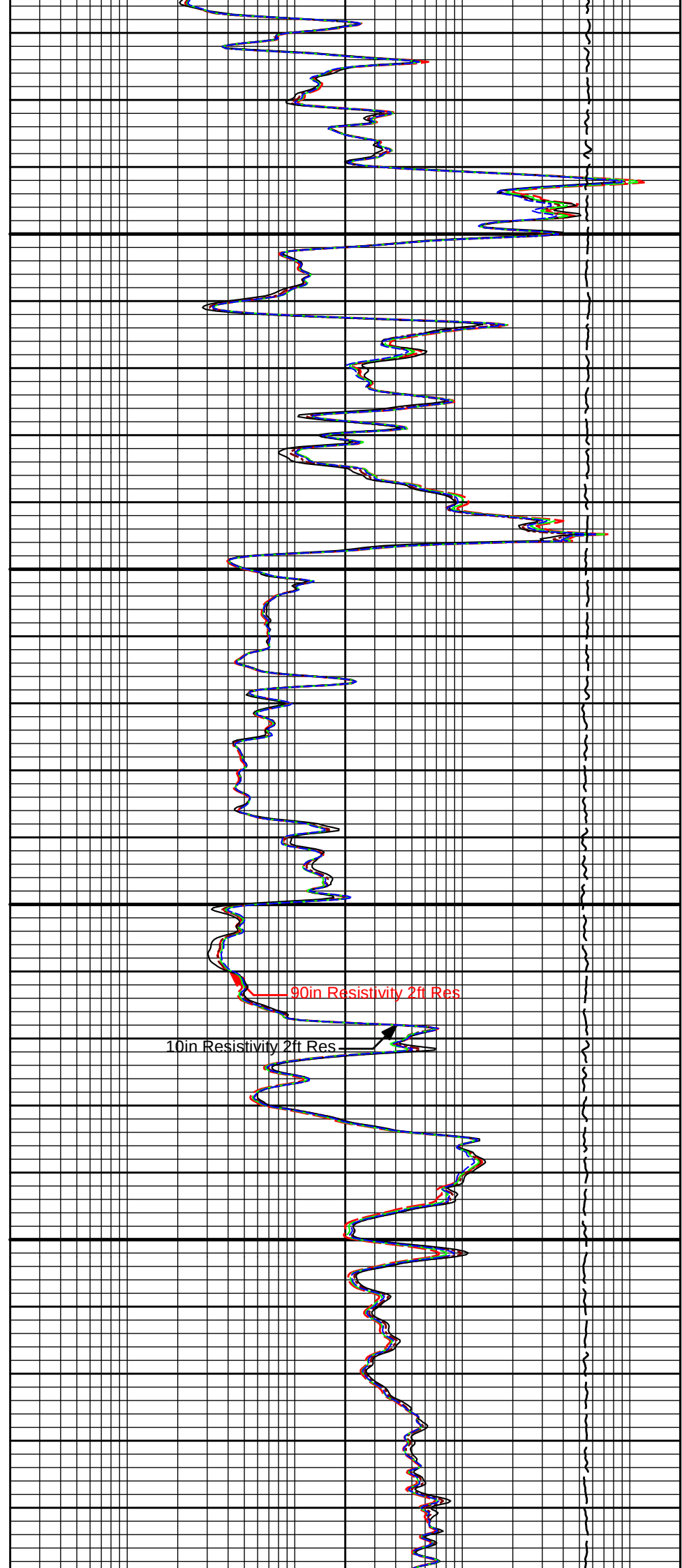
5600





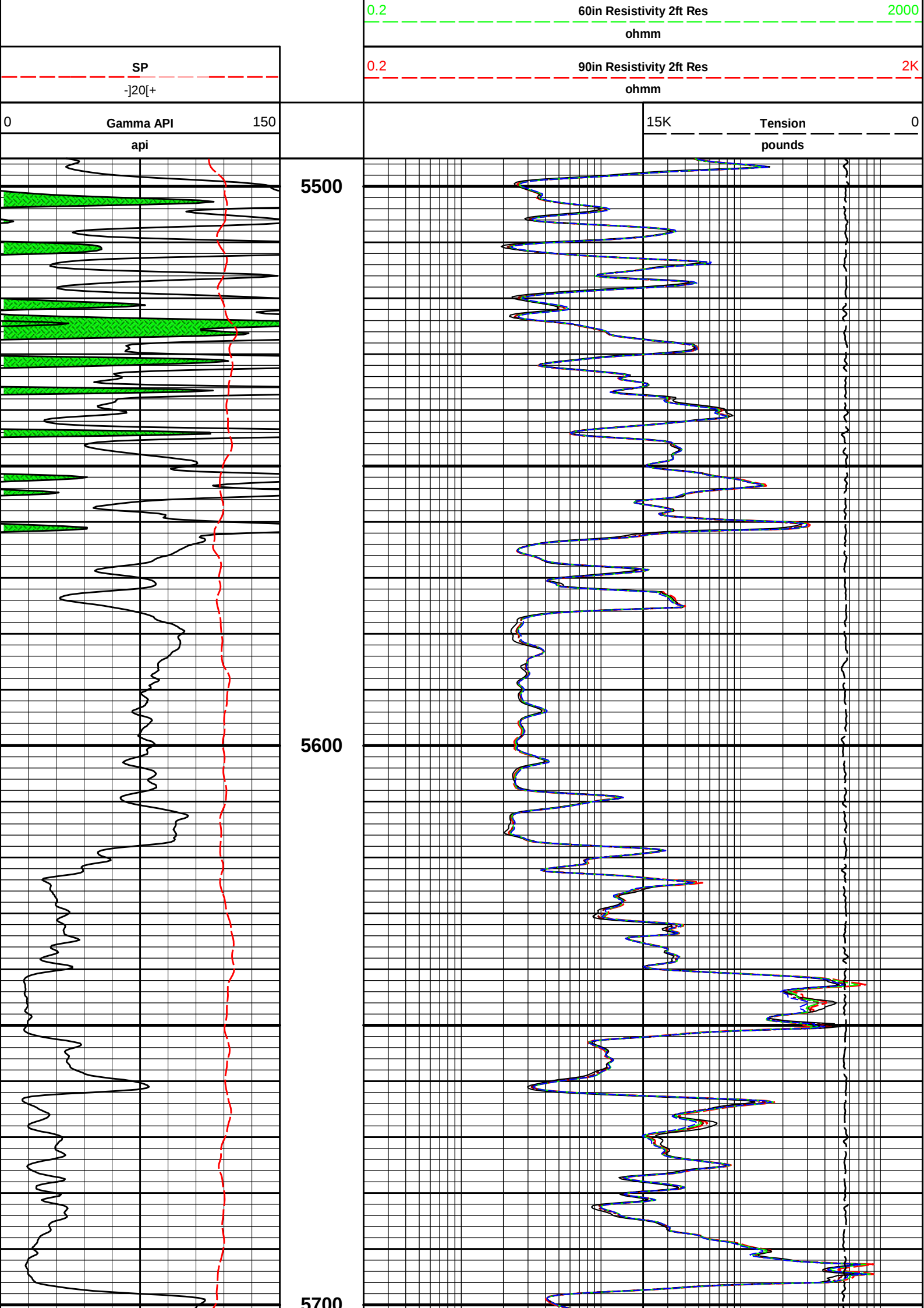
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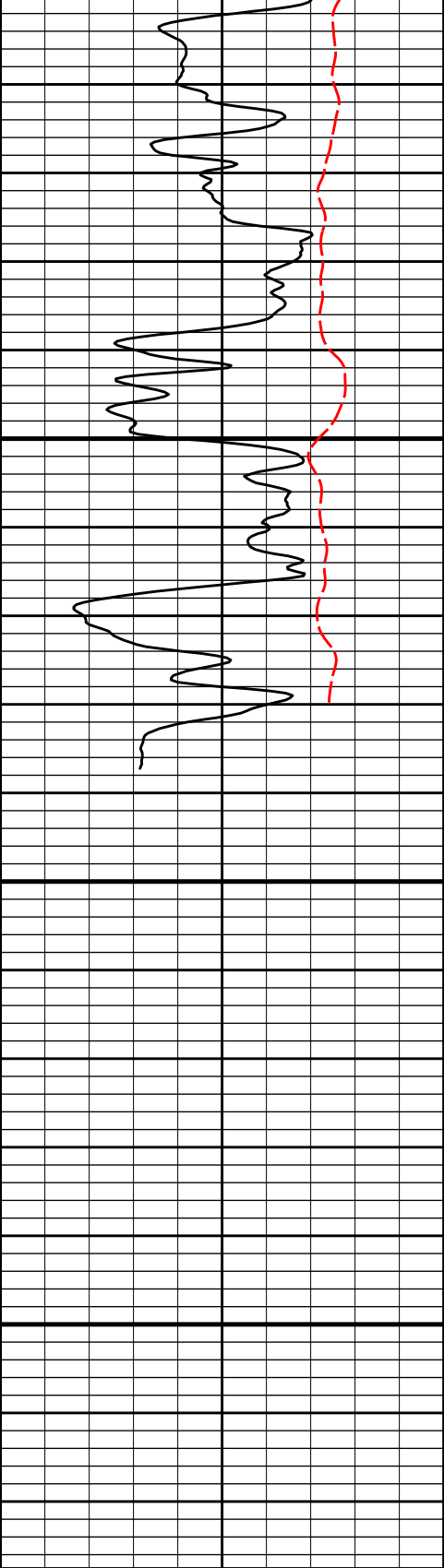
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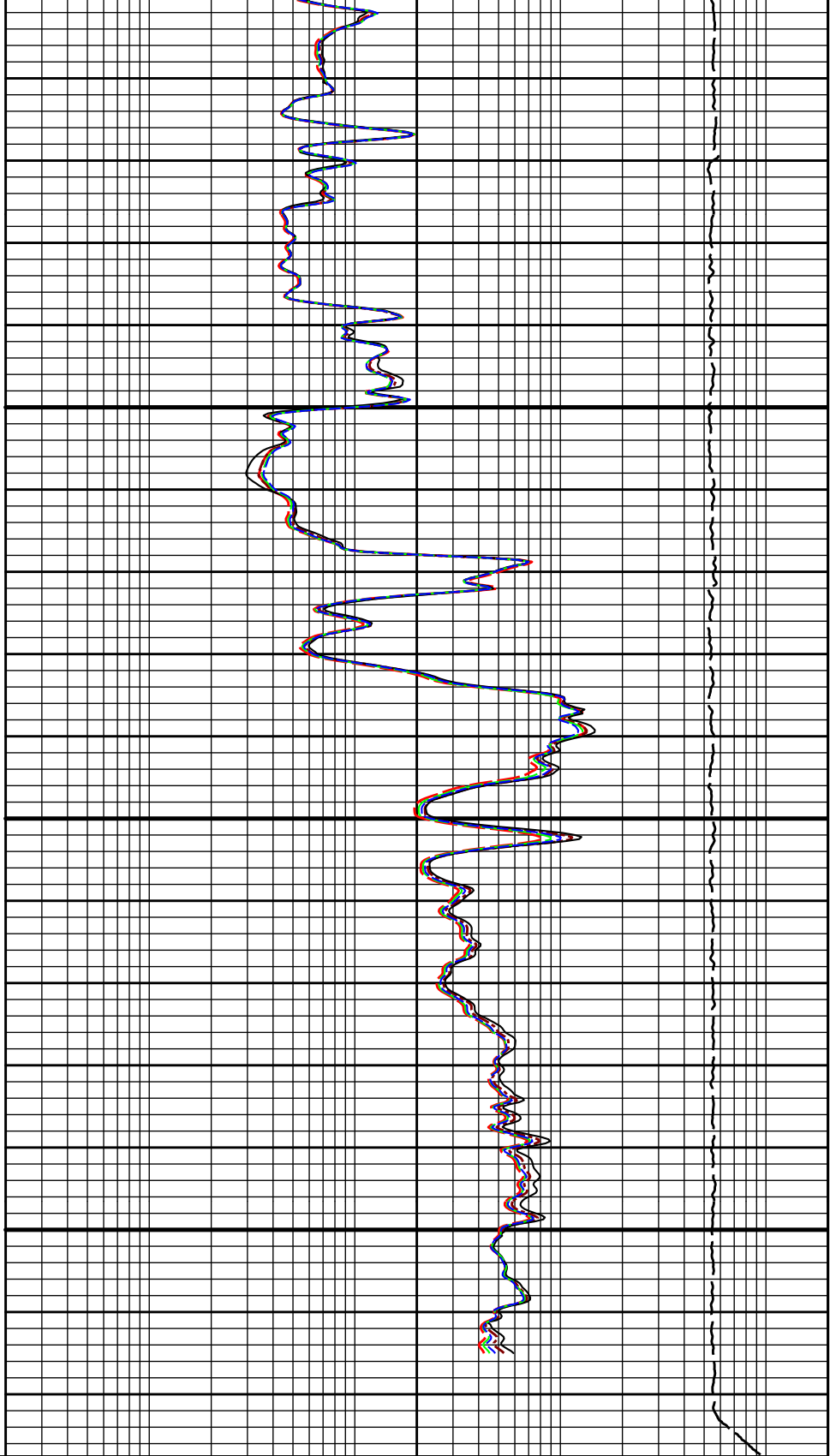
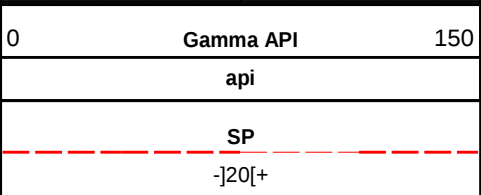
90in Resistivity 2ft Res

10in Resistivity 2ft Res





5800



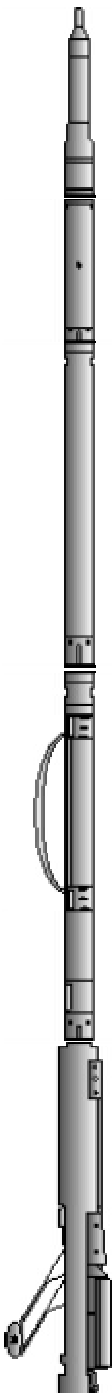
0	Gamma API	150
	api	
	SP	
	-]20[+	

15K	Tension	0
	pounds	
0.2	90in Resistivity 2ft Res	2K
	ohmm	
0.2	60in Resistivity 2ft Res	2000
	ohmm	
0.2	30in Resistivity 2ft Res	2000
	ohm-metre	
0.2	20in Resistivity 2ft Res	2000
	ohmm	
0.2	10in Resistivity 2ft Res	2K

5 INCH MAIN LOG

5 INCH REPEAT LOG

TOOL STRING DIAGRAM REPORT

Description	Overbody Description	O.D.	Diagram	Sensors @ Delays	Length	Accumulated Length
CH_HOS-11459024 37.50 lbs		Ø 2.750 in →		← Temperature @ 102.20 ft	3.03 ft	103.23 ft
XOHD-11572809 20.00 lbs		Ø 2.750 in → Ø 3.625 in →			0.95 ft	100.20 ft
SP Sub-11153357 60.00 lbs		Ø 3.625 in →		← SP @ 97.47 ft	3.74 ft	99.25 ft
				← Z-Accelerometer @ 95.06 ft		95.51 ft
GTET-11013114 165.00 lbs		Ø 3.625 in →		← GammaRay @ 89.45 ft	8.52 ft	
						86.99 ft
DSNT2-10993115 174.00 lbs	DSN Decentralizer-10993115 6.60 lbs	Ø 5.000 in* → Ø 3.625 in →		← DSN Far @ 80.05 ft ← DSN Near @ 79.30 ft	9.69 ft	
						77.30 ft
SDLT2-12153520 360.00 lbs	SDLT Pad2-10809130 65.00 lbs Microlog Pad2-12153520 8.00 lbs	Ø 4.500 in → Ø 4.500 in* → Ø 4.750 in* →		← Microlog @ 69.49 ft ← SDL Caliper @ 69.30 ft ← SDL @ 69.29 ft	10.81 ft	

IQ Flex-11005585
140.00 lbs

Ø 3.625 in →

66.49 ft
5.67 ft

BSAT-10747686
300.00 lbs

Ø 3.625 in →

Receiver Array @ 52.30 ft
Sonic Receivers @ 52.30 ft

60.82 ft
15.77 ft

XRMI-I Instrument-
10746655
290.00 lbs

Ø 4.500 in →

45.04 ft
14.30 ft

XRMI-I Mandrel-
11742485
206.00 lbs

Ø 5.000 in →

Ø 4.500 in →

Pads 2, 4, 6 @ 22.35 ft
Pads 1, 3, 5 @ 22.12 ft

30.74 ft
11.16 ft

ACRt Instrument-
12109517
50.00 lbs

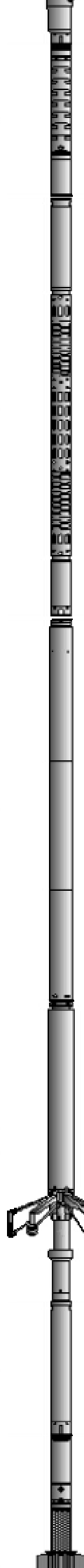
Ø 3.625 in →

Mud Resistivity @ 13.19 ft

19.58 ft
5.03 ft
14.55 ft

ALAT Standoff OD 6-
12345678

Ø 6.000 in* →



	SHARED	AZTM	High Res Z Accelerometer Master Tool	XRMI-I Instrument	
	SHARED	TEMM	CBM Temperature Master Tool	GTET	
	SHARED	SOCI	Source of Casing Information	Parameters	
	SHARED	MSAL	Water-base mud filtrate salinity	0.00	ppm
	Rwa / CrossPlot	XPOK	Process Crossplot?	Yes	
	Rwa / CrossPlot	FCHO	Select Source of F	Automatic	
	Rwa / CrossPlot	AFAC	Archie A factor	0.6200	
	Rwa / CrossPlot	MFAC	Archie M factor	2.1500	
	Rwa / CrossPlot	RMFR	Rmf Reference	0.10	ohmm
	Rwa / CrossPlot	TMFR	Rmf Ref Temp	75.00	degF
	Rwa / CrossPlot	RWA	Resistivity of Formation Water	0.05	ohmm
	Rwa / CrossPlot	ADP	Use Air Porosity to calculate CrossplotPhi	No	
	Rwa / CrossPlot	BHSM	Borehole Size Source Tool	XRMI-I Mandrel	
	Rwa / CrossPlot	ROIN	Input for RO Calculation	Rwa	
	GTET	GROK	Process Gamma Ray?	Yes	
	GTET	GEOK	Process Gamma Ray EVR?	No	
	GTET	TPOS	Tool Position for Gamma Ray Tools.	Eccentered	
	GTET	BHSM	Borehole Size Source Tool	XRMI-I Mandrel	
	DSNT2	DNOK	Process DSN?	Yes	
	DSNT2	DEOK	Process DSN EVR?	No	
	DSNT2	NLIT	Neutron Lithology	Limestone	
	DSNT2	DNSO	DSN Standoff - 0.25 in (6.35 mm) Recommended	0.250	in
	DSNT2	DNTT	Temperature Correction Type	None	
	DSNT2	DPRS	DSN Pressure Correction Type	None	
	DSNT2	SHCO	View More Correction Options	No	
	DSNT2	UTVD	Use TVD for Gradient Corrections?	No	
	DSNT2	LHWT	Logging Horizontal Water Tank?	No	
	DSNT2	UCLA	Classic Neutron Parameter utilized?	No	
	DSNT2	BHSM	Borehole Size Source Tool	XRMI-I Mandrel	
	SDLT2	CLOK	Process Caliper Outputs?	Yes	
	Microlog Pad2	MLOK	Process MicroLog Outputs?	Yes	
	SDLT Pad2	DNOK	Process Density?	Yes	
	SDLT Pad2	DNOK	Process Density EVR?	No	
	SDLT Pad2	CB	Logging Calibration Blocks?	No	
	SDLT Pad2	SPVT	SDLT Pad Temperature Valid?	Yes	
	SDLT Pad2	DTWN	Disable temperature warning	No	
	SDLT Pad2	DMA	Formation Density Matrix	2.710	g/cc
	SDLT Pad2	DFL	Formation Density Fluid	1.000	g/cc
	SDLT Pad2	BHSM	Borehole Size Source Tool	SDLT2	
	BSAT	MBOK	Compute BCAS Results?	Yes	
	BSAT	FLLO	Frequency Filter Low Pass Value?	5000	Hz
	BSAT	FLHI	Frequency Filter High Pass Value?	27000	Hz
	BSAT	DTFL	Delta -T Pore Fluid	189.00	uspf
	BSAT	DTMT	Delta -T Matrix Type	Limestone 47.6	
	BSAT	DTSH	Delta -T Shale	100.00	uspf
	BSAT	SPEQ	Acoustic Porosity Equation	Wylie	
	XRMI-I Instrument	WRTI	Survey Writing Interval	30	ft
	XRMI-I Instrument	SOPT	Smoothing Option	None	
	XRMI-I Instrument	AO	Angular Offset Between Imaging Tools	0	deg
	XRMI-I Mandrel	DIMG	Process XRMI?	Yes	
	XRMI-I Mandrel	ALMT	Image Alignment Method	TOOL	
	XRMI-I Mandrel	AGN	Use Button Auto Gain?	Yes	
	XRMI-I Mandrel	BCLD	Button Auto Gain Color	123	

XRMI-I Mandrel	BCLR	Button Auto Gain Color	127	
XRMI-I Mandrel	BFIL	Button Auto Gain Filter	0.020	
XRMI-I Mandrel	BGAN	Button Gain Value	0.001	
XRMI-I Mandrel	BOFF	Button Offset	0	
XRMI-I Mandrel	DIPE	Process Dipmeter Calculations?	Yes	
XRMI-I Mandrel	BHCS	Process Borehole Corrections?	Yes	
XRMI-I Mandrel	BHSM	Borehole Size Source Tool	XRMI-I Mandrel	
XRMI-I Mandrel	CLOK	Process Caliper Outputs?	Yes	
XRMI-I Mandrel	CMAX	Caliper Maximum Limit	100.0	in
XRMI-I Mandrel	CMIN	Caliper Mimimum Limit	3.5	in
XRMI-I Mandrel	NAVS	Navigation Source Tool	XRMI-I Instrument	
XRMI-I Mandrel	BHVC	Radius type for borehole volume calcuations	Elliptical	
XRMI-I Mandrel	CCL	Caliper Correction Algorithm	None	
ACRt Sonde	RTOK	Process ACRT?	Yes	
ACRt Sonde	MNSO	Minimum Tool Standoff	1.50	in
ACRt Sonde	TCS1	Temperature Correction Source	FP Lwr & FP Up	
ACRt Sonde	TPOS	Tool Position	Free Hanging	
ACRt Sonde	RMOP	Rmud Source	Mud Cell	
ACRt Sonde	RMIN	Minimum Resistivity for MAP	0.20	ohmm
ACRt Sonde	RMAX	Maximum Resistivity for MAP	200.00	ohmm
ACRt Sonde	THQY	Threshold Quality	0.50	
ACRt Sonde	MRFX	Fixed mud resistivity	2000	ohmm
ACRt Sonde	BHSM	Borehole Size Source Tool	XRMI-I Mandrel	
ACRt Sonde	MBFL	Apply Corkscrew Effect?	No	
BOTTOM				
Data: THORP_1-26RI0001 GTET-DSNT-SDLT-FLEX-BSAT-XRMI-ACRTIDLE			Date: 12-Jul-18 16:44:46	

HALLIBURTON

CALIBRATION REPORT

NATURAL GAMMA RAY TOOL SHOP CALIBRATION

Tool Name:GTET - 11013114Reference Calibration Date:20-May-18 14:50:21

Engineer:JORGE ORLANDO PEREZCalibration Date:05-Jun-18 11:57:37

Software Version:WL INSITE R5.6.0 (Build 2)Calibration Version:1

Calibrator Source S/N: TB-146
Calibrator API Reference:225.00 api
Equivalent Calibrator API Reference:228.9 api

Measurement	Measured	Calibrated	Units
Background	35.2	35.7	api
Background + Calibrator	260.9	264.7	api
Calibrator	225.7	228.9	api

NATURAL GAMMA RAY TOOL FIELD CALIBRATION

Tool Name:GTET - 11013114Reference Calibration Date:05-Jun-18 11:57:37

Engineer:JORGE ORLANDO PEREZCalibration Date:06-Jul-18 09:11:08

Software Version:WL INSITE R5.6.0 (Build 2)Calibration Version:1

Calibrator Source S/N: TB-146
Calibrator API Reference:225.00 api
Equivalent Calibrator API Reference:228.9 api

Field Verification	Shop	Field	Units
Background	35.7	25.5	api
Background + Calibrator	264.7	253.6	api
Calibrator	228.9	228.1	api

Shop		Field		Difference		Tolerance	
228.9		228.1		0.8		+/- 9.00	

ARRAY COMPENSATED TRUE RESISTIVITY SHOP CALIBRATION									
Tool Name:		ACRt Sonde - 12109515				Reference Calibration Date:		06-Jun-18 10:26:27	
Engineer:		JORGE ORLANDO PEREZ				Calibration Date:		06-Jun-18 10:38:36	
Software Version:		WL INSITE R5.6.3 (Build 4)				Calibration Version:		1	
Host Tool Name:		ACRt Instrument - 12109517							

TYPICAL GAIN RANGE									
Subarray	R12KHz			R36KHz			R72KHz		
	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper
A1 (80")	0.95	1.0437	1.05	0.95	1.0237	1.05	0.95	1.0174	1.05
A2 (50")	0.95	1.0457	1.05	0.95	1.0299	1.05	0.95	1.0276	1.05
A3 (29")	0.95	1.0363	1.05	0.95	1.0179	1.05	0.95	1.0133	1.05
A4 (17")	0.95	1.0304	1.05	0.95	1.0114	1.05	0.95	1.0081	1.05
A5 (10")	N/A	N/A	N/A	0.95	1.0117	1.05	0.95	1.0066	1.05
A6 (6")	N/A	N/A	N/A	0.95	0.9910	1.05	0.95	0.9865	1.05

SONDE OFFSET									
Subarray	R12KHz			R36KHz			R72KHz		
	(mmho/m)			(mmho/m)			(mmho/m)		
A1 (80")	0.991			-4.535			-5.661		
A2 (50")	-0.134			-3.921			-4.995		
A3 (29")	-13.787			-4.734			-3.442		
A4 (17")	-110.417			-33.771			-25.565		
A5 (10")	N/A			-91.375			-40.562		
A6 (6")	N/A			301.031			154.231		

TRANSMITTER CURRENT GAIN				R-MUD VERIFICATION			
Signal	Lower	R	Upper	Signal	Lower (ohm-m)	Measured (ohm-m)	Upper (ohm-m)
12K	0.6	0.94	1.3	Mud Cell	0.95	1.00	1.05
36K	1.0	1.91	2.0				
72K	1.0	1.17	2.0				

PASS/FAIL SUMMARY	
GAIN RANGE CHK	PASS
SONDE OFFSET CHK	PASS
TOOL OK TO LOG	

CALIBRATION SUMMARY						
Sensor	Shop	Field	Post	Difference	Tolerance	Units
GTET-11013114						
Gamma Ray Calibrator	228.9	228.1	-----	0.8	+/- 9.00	api
ACRt Sonde-12109515						
Mud Cell	1.00	-----	-----	0	-----	ohm-m

Data: THORP_1-26R10001 GTET-DSNT-SDLT-FLEX-BSAT-XRMI-ACRTIDLE						Date: 12-Jul-18 17:05:54
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HALLIBURTON									
INPUTS, DELAYS AND FILTERS TABLE									
Mnemonic	Input Description			Delay (ft)	Filter Type	Filter Length (ft)			

Depth Panel				
TENS	Tension	0.00	NO	
Rwa / CrossPlot				
TPUL	Tension Pull	103.22	NO	
BS	Bit Size	103.22	NO	
HDIA	Measured Hole Diameter	0.00	NO	
CH_HOS				
DHTN	DownholeTension	0.00	BLK	0.000
SP Sub				
PLTC	Plot Control Mask	97.47	NO	
SP	Spontaneous Potential	97.47	BLK	1.250
SPR	Raw Spontaneous Potential	97.47	NO	
SPO	Spontaneous Potential Offset	97.47	NO	
GTET				
TPUL	Tension Pull	89.45	NO	
GR	Natural Gamma Ray API	89.45	TRI	1.750
GRU	Unfiltered Natural Gamma Ray API	89.45	NO	
EGR	Natural Gamma Ray API with Enhanced Vertical Resolution	89.45	W	1.416 , 0.750
HDIA	Measured Hole Diameter	0.00	NO	
ACCZ	Accelerometer Z	0.00	BLK	0.083
DEVI	Inclination	0.00	NO	
DSNT2				
TPUL	Tension Pull	79.20	NO	
RNDS	Near Detector Telemetry Counts	79.30	BLK	1.417
RFDS	Far Detector Telemetry Counts	80.05	TRI	0.583
DNTT	DSN Tool Temperature	79.30	NO	
DSNS	DSN Tool Status	79.20	NO	
ERND	Near Detector Telemetry Counts EVR	79.30	BLK	0.000
ERFD	Far Detector Telemetry Counts EVR	80.05	BLK	0.000
ENTM	DSN Tool Temperature EVR	79.30	NO	
HDIA	Measured Hole Diameter	0.00	NO	
SDLT2				
TPUL	Tension Pull	69.30	NO	
PCAL	Pad Caliper	69.30	TRI	0.250
ACAL	Arm Caliper	69.30	TRI	0.250
BSAT				
TPUL	Tension Pull	52.30	NO	
STAT	Status	52.30	NO	
DLYT	Delay Time	52.30	NO	
SI	Sample Interval	52.30	NO	
TXRX	Raw Telemetry 10 Receivers	52.30	NO	
FRMC	Tool Frame Count	52.30	NO	
GMOD	Gain processing mode	45.04	NO	
XRMI-I Mandrel				
TPUL	Tension Pull	22.35	NO	
PAD1	XRMI Pad 1 values	22.12	NO	
PAD2	XRMI Pad 2 values	22.12	NO	
PAD3	XRMI Pad 3 values	22.12	NO	
PAD4	XRMI Pad 4 values	22.12	NO	
PAD5	XRMI Pad 5 values	22.12	NO	
PAD6	XRMI Pad 6 values	22.12	NO	
OD1	EMI Odd Button Values Pad 1	22.12	NO	

OD2	EMI Odd Button Values Pad 2	22.35	NO	
OD3	EMI Odd Button Values Pad 3	22.12	NO	
OD4	EMI Odd Button Values Pad 4	22.35	NO	
OD5	EMI Odd Button Values Pad 5	22.12	NO	
OD6	EMI Odd Button Values Pad 6	22.35	NO	
EV1	EMI Even Button Values Pad 1	22.14	NO	
EV2	EMI Even Button Values Pad 2	22.32	NO	
EV3	EMI Even Button Values Pad 3	22.14	NO	
EV4	EMI Even Button Values Pad 4	22.32	NO	
EV5	EMI Even Button Values Pad 5	22.14	NO	
EV6	EMI Even Button Values Pad 6	22.32	NO	
ITMP	Instrument Temperature	19.58	NO	
EMIM	Tool Mode	19.58	NO	
HAZI	Hole Azimuth	21.87	NO	
HAZD	Hole Azimuth - Down Delay	22.37	NO	
ACCZ	Accelerometer Z	22.12	NO	
RB	Relative Bearing	21.87	NO	
RBD	Relative Bearing Down	22.37	NO	
TPUL	Tension Pull	22.35	NO	
FIR1	Current Button R - Pad 1	22.12	NO	
FIR2	Current Button R - Pad 2	22.35	NO	
FIR3	Current Button R - Pad 3	22.12	NO	
FIR4	Current Button R - Pad 4	22.35	NO	
FIR5	Current Button R - Pad 5	22.12	NO	
FIR6	Current Button R - Pad 6	22.35	NO	
FIX1	Current Button X - Pad 1	22.12	NO	
FIX2	Current Button X - Pad 2	22.35	NO	
FIX3	Current Button X - Pad 3	22.12	NO	
FIX4	Current Button X - Pad 4	22.35	NO	
FIX5	Current Button X - Pad 5	22.12	NO	
FIX6	Current Button X - Pad 6	22.35	NO	
SIR1	Current Slow Button R - Pad 1	22.12	BLK	3.000
SIR2	Current Slow Button R - Pad 2	22.35	BLK	3.000
SIR3	Current Slow Button R - Pad 3	22.12	BLK	3.000
SIR4	Current Slow Button R - Pad 4	22.35	BLK	3.000
SIR5	Current Slow Button R - Pad 5	22.12	BLK	3.000
SIR6	Current Slow Button R - Pad 6	22.35	BLK	3.000
SIX1	Current Slow Button X - Pad 1	22.12	BLK	3.000
SIX2	Current Slow Button X - Pad 2	22.35	BLK	3.000
SIX3	Current Slow Button X - Pad 3	22.12	BLK	3.000
SIX4	Current Slow Button X - Pad 4	22.35	BLK	3.000
SIX5	Current Slow Button X - Pad 5	22.12	BLK	3.000
SIX6	Current Slow Button X - Pad 6	22.35	BLK	3.000
EMMR	Phasor Voltage - Real Part	22.12	NO	
EMMX	Phasor Voltage - Imaginary Part	22.12	NO	
PADV	Pad Voltage	19.58	BLK	0.250
ITMP	Instrument Temperature	19.58	BLK	0.000
CON1	Conductivity Pad 1	22.12	BLK	3.000
CON2	Conductivity Pad 2	22.35	BLK	3.000
CON3	Conductivity Pad 3	22.12	BLK	3.000
CON4	Conductivity Pad 4	22.35	BLK	3.000
CON5	Conductivity Pad 5	22.12	BLK	3.000
CON6	Conductivity Pad 6	22.35	BLK	3.000
UIR2	Current Button R No Delay - Pad 2	22.12	NO	
UIR4	Current Button R No Delay - Pad 4	22.12	NO	
UIR6	Current Button R No Delay - Pad 6	22.12	NO	
UIX2	Current Button X No Delay - Pad 2	22.12	NO	
UIX4	Current Button X No Delay - Pad 4	22.12	NO	
UIX6	Current Button X No Delay - Pad 6	22.12	NO	

HDIA	Measured Hole Diameter	0.00	NO	
TPUL	Tension Pull	22.35	NO	
ARM1	Caliper 1 measurement	22.12	BLK	0.000
ARM2	Caliper 2 measurement	22.12	BLK	0.000
ARM3	Caliper 3 measurement	22.12	BLK	0.000
ARM4	Caliper 4 measurement	22.12	BLK	0.000
ARM5	Caliper 5 measurement	22.12	BLK	0.000
ARM6	Caliper 6 measurement	22.12	BLK	0.000
MOTV	Motor Voltage 1	22.12	BLK	0.000
PRES	Caliper percentage of total compression of the spring	19.58	BLK	0.000
HAZI	Hole Azimuth	22.12	NO	
RB	Relative Bearing	22.12	NO	
AZI1	PAD1 Azimuth	22.12	NO	
DEVI	Inclination	22.12	NO	
ACRt Sonde				
TPUL	Tension Pull	2.73	NO	
F1R1	ACRT 12KHz - 80in R value	8.98	BLK	0.000
F1X1	ACRT 12KHz - 80in X value	8.98	BLK	0.000
F1R2	ACRT 12KHz - 50in R value	6.48	BLK	0.000
F1X2	ACRT 12KHz - 50in X value	6.48	BLK	0.000
F1R3	ACRT 12KHz - 29in R value	4.98	BLK	0.000
F1X3	ACRT 12KHz - 29in X value	4.98	BLK	0.000
F1R4	ACRT 12KHz - 17in R value	3.98	BLK	0.000
F1X4	ACRT 12KHz - 17in X value	3.98	BLK	0.000
F1R5	ACRT 12KHz - 10in R value	3.48	BLK	0.000
F1X5	ACRT 12KHz - 10in X value	3.48	BLK	0.000
F1R6	ACRT 12KHz - 6in R value	3.23	BLK	0.000
F1X6	ACRT 12KHz - 6in X value	3.23	BLK	0.000
F2R1	ACRT 36KHz - 80in R value	8.98	BLK	0.000
F2X1	ACRT 36KHz - 80in X value	8.98	BLK	0.000
F2R2	ACRT 36KHz - 50in R value	6.48	BLK	0.000
F2X2	ACRT 36KHz - 50in X value	6.48	BLK	0.000
F2R3	ACRT 36KHz - 29in R value	4.98	BLK	0.000
F2X3	ACRT 36KHz - 29in X value	4.98	BLK	0.000
F2R4	ACRT 36KHz - 17in R value	3.98	BLK	0.000
F2X4	ACRT 36KHz - 17in X value	3.98	BLK	0.000
F2R5	ACRT 36KHz - 10in R value	3.48	BLK	0.000
F2X5	ACRT 36KHz - 10in X value	3.48	BLK	0.000
F2R6	ACRT 36KHz - 6in R value	3.23	BLK	0.000
F2X6	ACRT 36KHz - 6in X value	3.23	BLK	0.000
F3R1	ACRT 72KHz - 80in R value	8.98	BLK	0.000
F3X1	ACRT 72KHz - 80in X value	8.98	BLK	0.000
F3R2	ACRT 72KHz - 50in R value	6.48	BLK	0.000
F3X2	ACRT 72KHz - 50in X value	6.48	BLK	0.000
F3R3	ACRT 72KHz - 29in R value	4.98	BLK	0.000
F3X3	ACRT 72KHz - 29in X value	4.98	BLK	0.000
F3R4	ACRT 72KHz - 17in R value	3.98	BLK	0.000
F3X4	ACRT 72KHz - 17in X value	3.98	BLK	0.000
F3R5	ACRT 72KHz - 10in R value	3.48	BLK	0.000
F3X5	ACRT 72KHz - 10in X value	3.48	BLK	0.000
F3R6	ACRT 72KHz - 6in R value	3.23	BLK	0.000
F3X6	ACRT 72KHz - 6in X value	3.23	BLK	0.000
RMUD	Mud Resistivity	12.52	BLK	0.000
F1RT	Transmitter Reference 12 KHz Real Signal	2.73	BLK	0.000
F1XT	Transmitter Reference 12 KHz Imaginary Signal	2.73	BLK	0.000
F2RT	Transmitter Reference 36 KHz Real Signal	2.73	BLK	0.000
F2XT	Transmitter Reference 36 KHz Imaginary Signal	2.73	BLK	0.000
F3RT	Transmitter Reference 72 KHz Real Signal	2.73	BLK	0.000

F3RT	Transmitter Reference 72 KHz Real Signal	2.73	BLK	0.000
F3XT	Transmitter Reference 72 KHz Imaginary Signal	2.73	BLK	0.000
TFPU	Upper Feedpipe Temperature Calculated	2.73	BLK	0.000
TFPL	Lower Feedpipe Temperature Calculated	2.73	BLK	0.000
ITMP	Instrument Temperature	2.73	BLK	0.000
TCVA	Temperature Correction Values Loop Off	2.73	NO	
TIDV	Instrument Temperature Derivative	2.73	NO	
TUDV	Upper Temperature Derivative	2.73	NO	
TLDV	Lower Temperature Derivative	2.73	NO	
TRBD	Receiver Board Temperature	2.73	NO	
HDIA	Measured Hole Diameter	0.00	NO	

Microlog Pad2				
TPUL	Tension Pull	69.49	NO	
MINV	Microlog Lateral	69.49	BLK	0.750
MNOR	Microlog Normal	69.49	BLK	0.750

SDLT Pad2				
TPUL	Tension Pull	69.29	NO	
NAB	Near Above	69.12	BLK	0.920
NHI	Near Cesium High	69.12	BLK	0.920
NLO	Near Cesium Low	69.12	BLK	0.920
NVA	Near Valley	69.12	BLK	0.920
NBA	Near Barite	69.12	BLK	0.920
NDE	Near Density	69.12	BLK	0.920
NPK	Near Peak	69.12	BLK	0.920
NLI	Near Lithology	69.12	BLK	0.920
NBAU	Near Barite Unfiltered	69.12	BLK	0.250
NLIU	Near Lithology Unfiltered	69.12	BLK	0.250
FAB	Far Above	69.47	BLK	0.250
FHI	Far Cesium High	69.47	BLK	0.250
FLO	Far Cesium Low	69.47	BLK	0.250
FVA	Far Valley	69.47	BLK	0.250
FBA	Far Barite	69.47	BLK	0.250
FDE	Far Density	69.47	BLK	0.250
FPK	Far Peak	69.47	BLK	0.250
FLI	Far Lithology	69.47	BLK	0.250
PTMP	Pad Temperature	69.30	BLK	0.920
NHV	Near Detector High Voltage	68.70	NO	
FHV	Far Detector High Voltage	68.70	NO	
ITMP	Instrument Temperature	68.70	NO	
DDHV	Detector High Voltage	68.70	NO	
HDIA	Measured Hole Diameter	0.00	NO	

Data: THORP_1-26R\0001 GTET-DSNT-SDLT-FLEX-BSAT-XRMI-ACRT\IDLE Date: 12-Jul-18 16:44:59

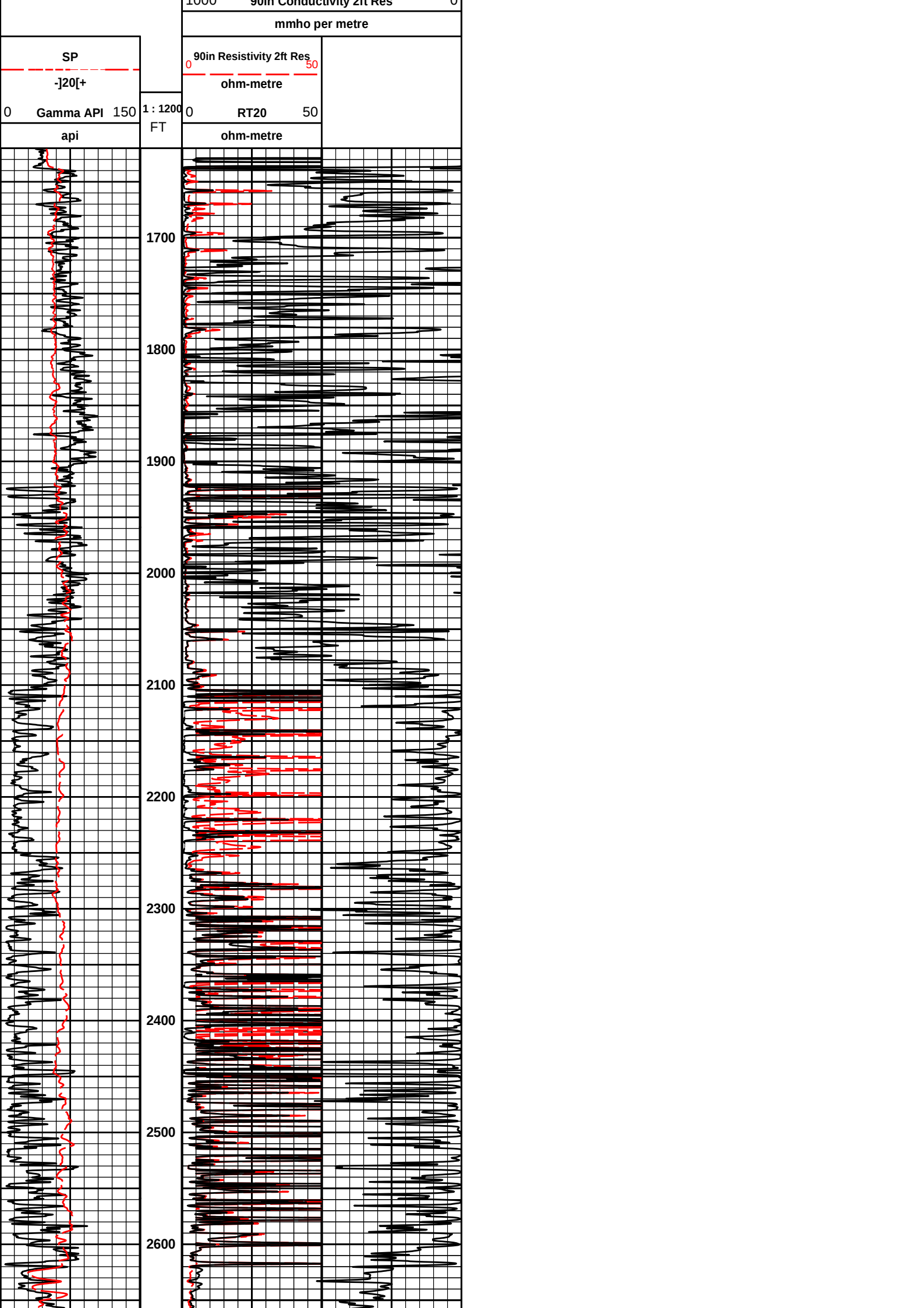


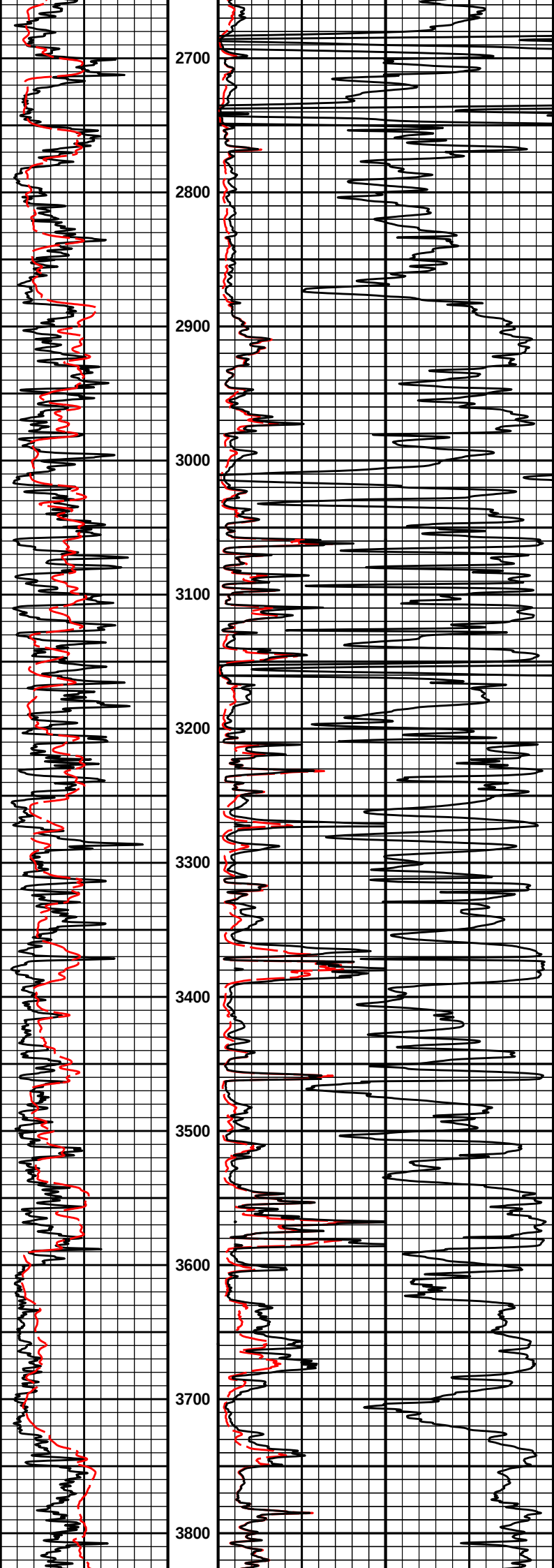
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 Plot Range: 1620 ft to 5862 ft
 Data: THORP_1-26R\Well Based\MAIN\
 Plot File: \\LOCAL-1\THORP_1-26R\Well Based\ACRT\ACRT_1_main

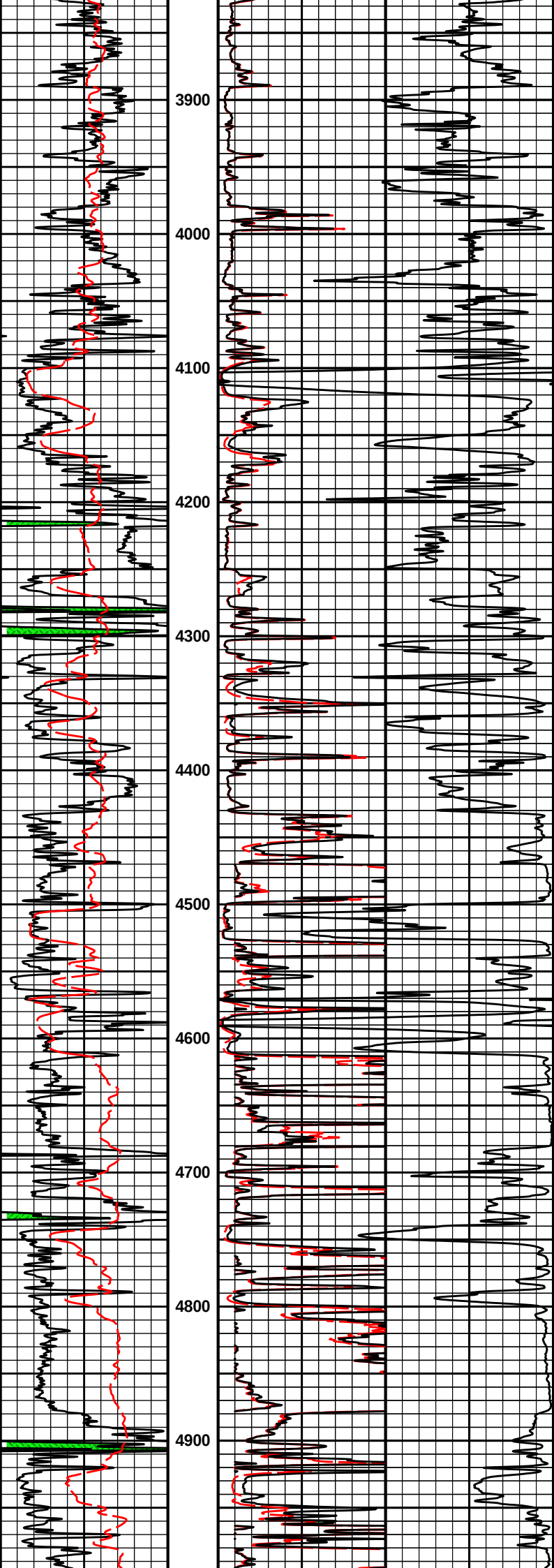
1 INCH MAIN LOG

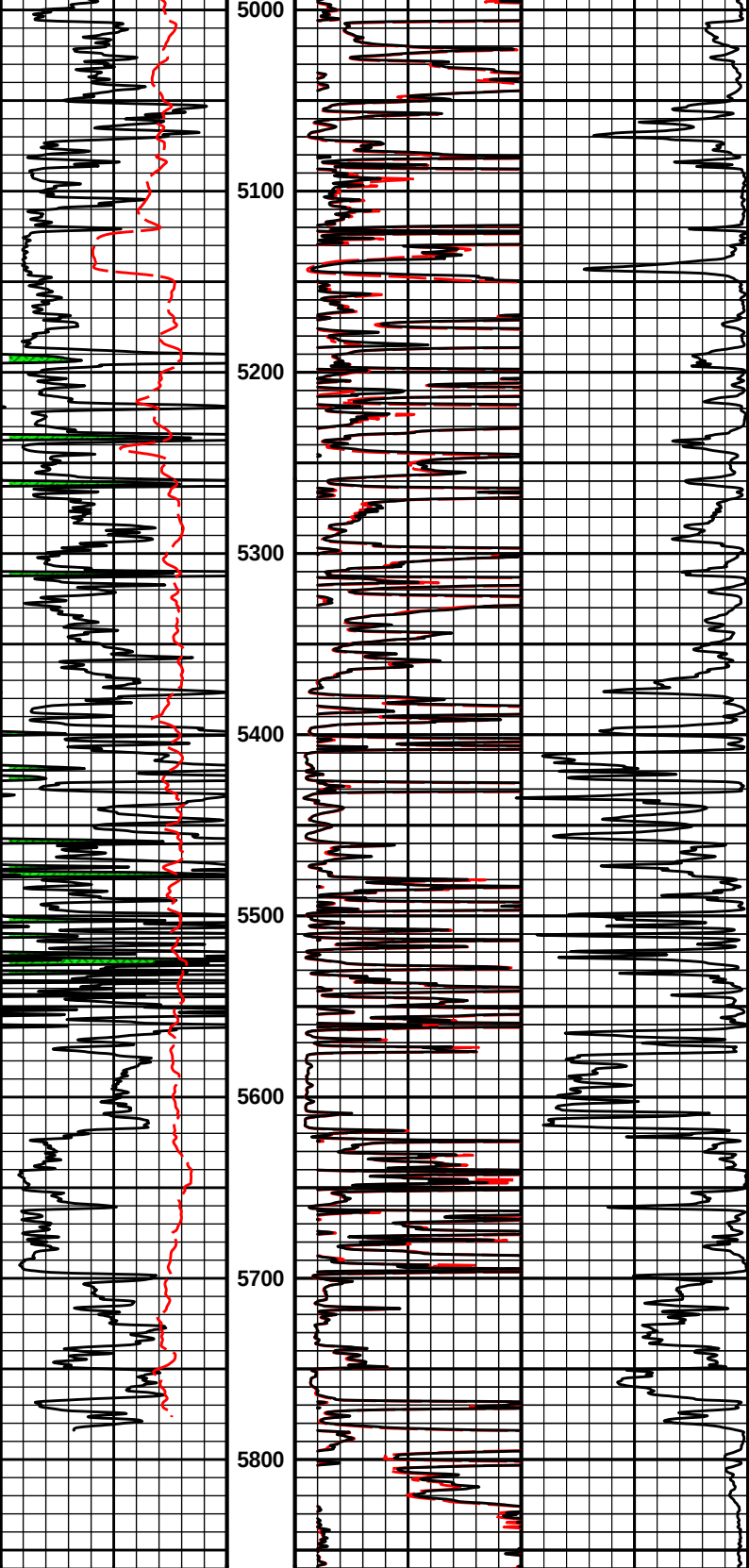
1 INCH CORRELATION LOG

1000 80in Conductivity 2ft Res 0









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: 12-Jul-18 17:56:07
Plot Range: 1620 ft to 5862 ft
Data: THORP_1-26RIWell Based\MAIN\
Plot File: \\LOCAL-1\THORP_1-26RIWell Based\ACRT\ACRT_1_main

1 INCH MAIN LOG

1 INCH CORRELATION LOG

COMPANY	RAYDON EXPLORATION, INC.		
WELL	THORP 1-26R		
FIELD	KISMET		
COUNTY	SEWARD	STATE	KANSAS
HALLIBURTON		ARRAY COMPENSATED TRUE RESISTIVITY LOG	