

HALLIBURTON				ARRAY COMPENSATED TRUE RESISTIVITY LOG			
COMPANY		BEREXCO INC.		COMPANY		BEREXCO INC.	
WELL		WELLINGTON KGS #1-32		WELL		WELLINGTON KGS #1-32	
FIELD		WELLINGTON		FIELD		WELLINGTON	
COUNTY		SUMNER		COUNTY		SUMNER	
STATE		KANSAS		STATE		KANSAS	
Permanent Datum		GROUND LEVEL		Sect. 32		Twp. 31S	
Log measured from		KELLY BUSHING		Elev. 1259.0 ft		Rge. 1W	
Drilling measured from		KELLY BUSHING		13.0 ft above perm. Datum		Elev.: K.B. 1272.0 ft	
Date		09-Feb-11		D.F. 1271.0 ft		G.L. 1259.0 ft	
Run No.		2					
Depth - Driller		5240.00 ft					
Depth - Logger		5240.0 ft					
Bottom - Logged Interval		5231.0 ft					
Top - Logged Interval		607.0 ft					
Casing - Driller		9.625 in @ 607.0 ft					
Casing - Logger		607.0 ft					
Bit Size		7.875 in					
Type Fluid in Hole		WATER BASED MUD					
Density		9.0 ppg		48.00 s/qt			
PH		10.00 pH		9.2 cp/m			
Source of Sample		FLOW LINE					
Rm @ Meas. Temperature		0.650 ohmm @ 58.00 degF					
Rmf @ Meas. Temperature		0.55 ohmm @ 58.00 degF					
Rmc @ Meas. Temperature		0.750 ohmm @ 58.00 degF					
Source Rmf		MEAS		MEAS			
Rm @ BHT		0.26 ohmm @ 125.0 degF					
Time Since Circulation		4.0 hr					
Time on Bottom		09-Feb-11 04:46					
Max. Rec. Temperature		125.0 degF @ 5240.0 ft					
Equipment		10546696 LIBERAL					
Recorded By		J. BOSH					
Witnessed By		L. WATNEY		K. CRISLER		G. KORALEGEDARA	

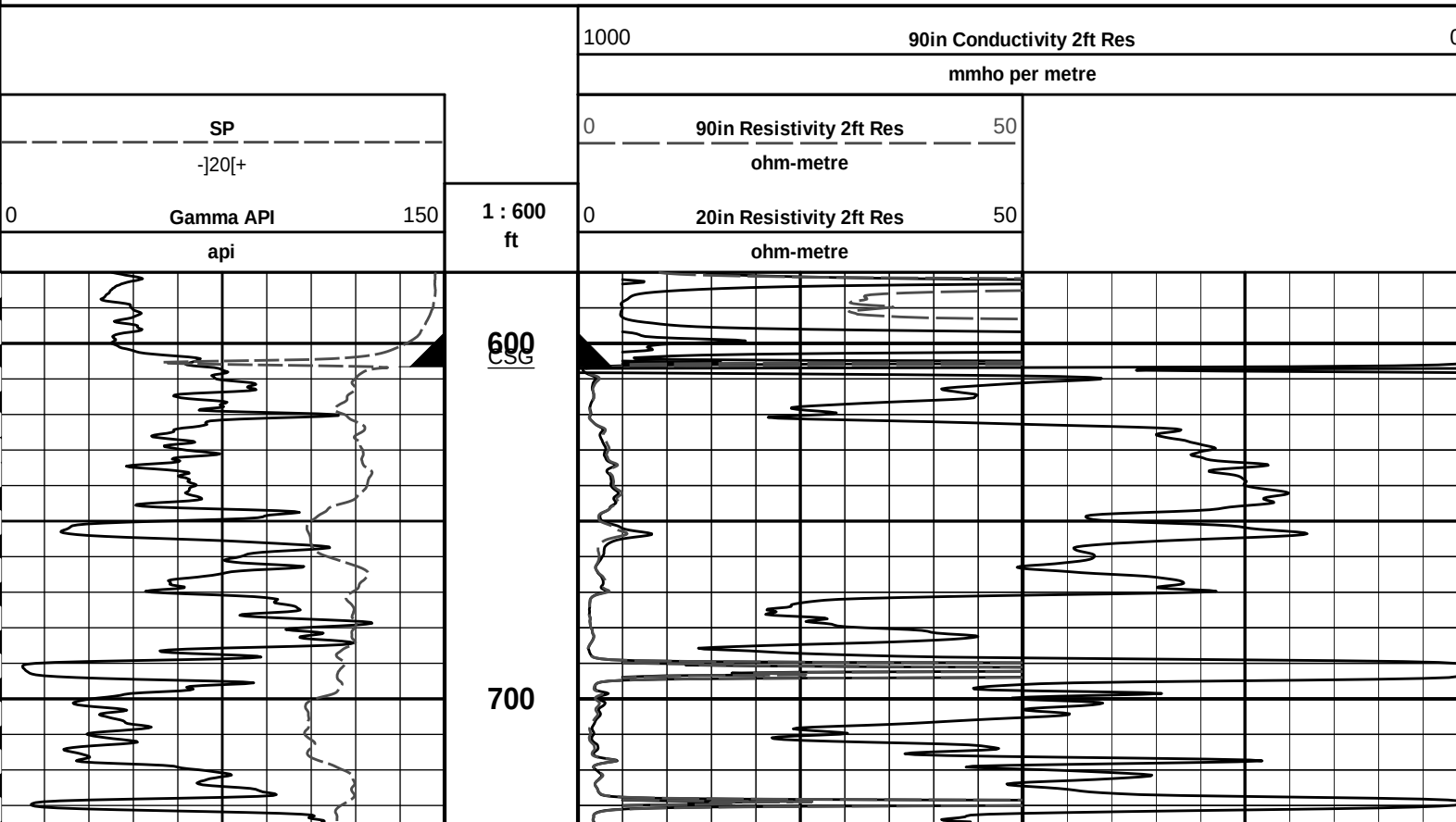
Fold here

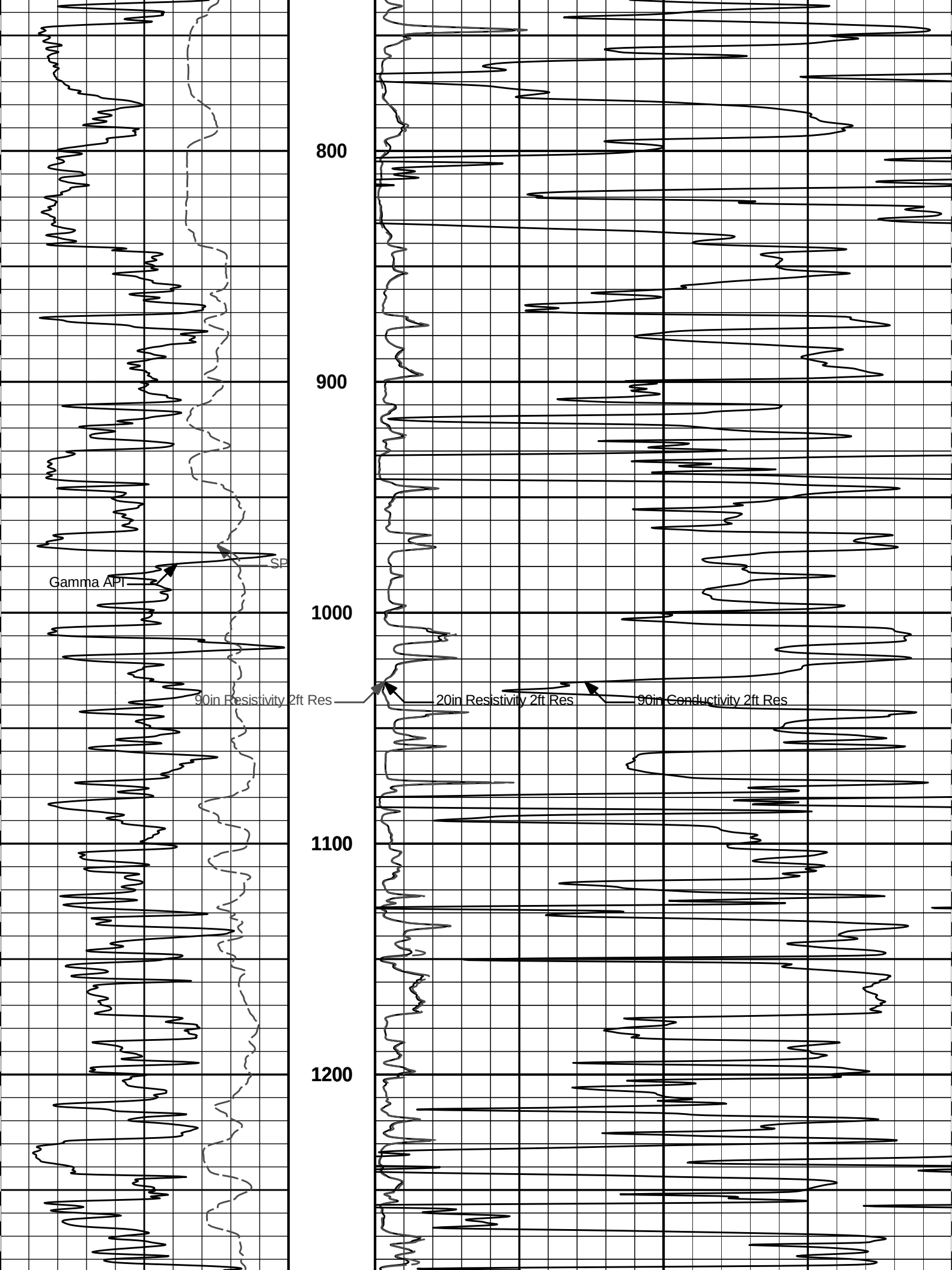
Service Ticket No.: 7942786						API Serial No.: 15-191-22591						PGM Version: WL INSITE R3.2.0 (Build 7)																	
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE												RESISTIVITY SCALE CHANGES																	
Date		Sample No.										Type Log		Depth		Scale Up Hole				Scale Down Hole									
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.				@				@				TWO		ACRT S8385				N/A				1.5" S.O.				N/A			
Rmc @ Meas. Temp.				@				@																					
Source Rmf		Rmc																											
Rm @ BHT				@				@																					
Rmf @ BHT				@				@																					
Rmc @ BHT				@				@																					
EQUIPMENT DATA																													
GAMMA						ACOUSTIC						DENSITY						NEUTRON											
Run No.		TWO				Run No.						Run No.						Run No.											
Serial No.		11039640				Serial No.						Serial No.						Serial No.											
Model No.		GTET				Model No.						Model No.						Model No.											
Diameter		3.625				No. of Cent.						Diameter						Diameter											
Detector Model No.		T-102				Spacing						Log Type						Log Type											
Type		SCINT										Source Type						Source Type											
Length		8"				LSA [Y/N]						Serial No.						Serial No.											
Distance to Source		10'				FWDA [Y/N]						Strength						Strength											

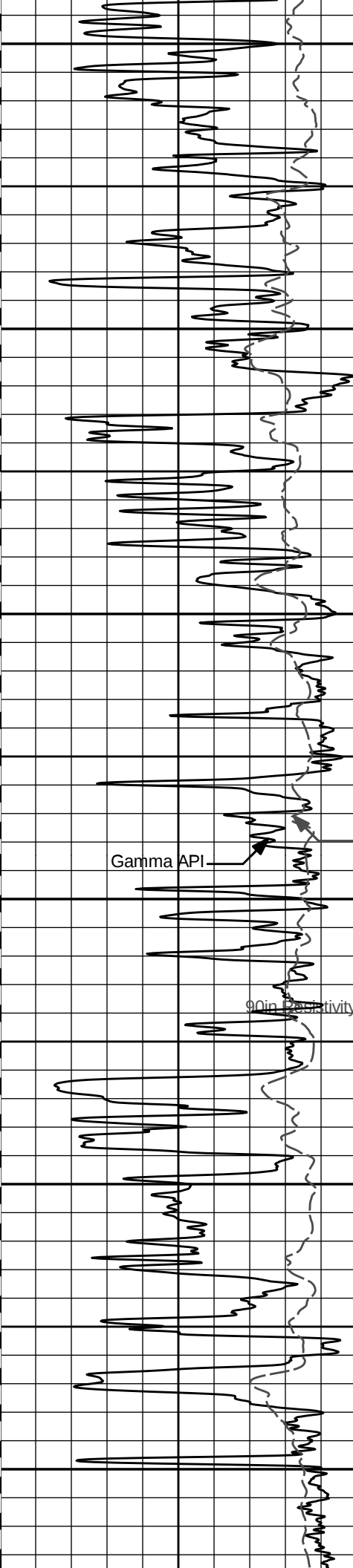
GENERAL			GAMMA		ACOUSTIC		DENSITY		NEUTRON					
Run	Depth		Speed	Scale		Scale		Matrix	Scale		Matrix	Scale		Matrix
No.	From	To	ft/min	L	R	L	R		L	R		L	R	
TWO	607	5239	REC	0	150									
DIRECTIONAL INFORMATION														
Maximum Deviation @								KOP @						
Remarks: ANNULAR HOLE VOLUME CALCULATED FOR 5.5 INCH CASING														
CHLORIDES: 11,000 PPM LCM: 10 LB/BBL														
GPS COORDINATES: LAT: 37.30 N LONG: 97.43 W														
GTET/CSNG/GEM/DSN/SDL/ACRT RAN IN COMBINATION														
TODAY'S CREW: K. KELLY, K. KING														
THANK YOU FOR CHOOSING HALLIBURTON ENERGY SERVICES, LIBERAL, KS 620-624-8123														
HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF.														
HALLIBURTON														

HALLIBURTON Plot Time: 09-Feb-11 16:56:48
Plot Range: 580 ft to 5250.25 ft
Data: WELINGTN_KGS_R2\Well Based\DAQ-0001-002\
Plot File: \\-LOCAL-\\WELINGTN_KGS_R2\Well Based\ACRT\ACRT_2_lib

2 INCH MAIN LOG







1300

1400

1500

1600

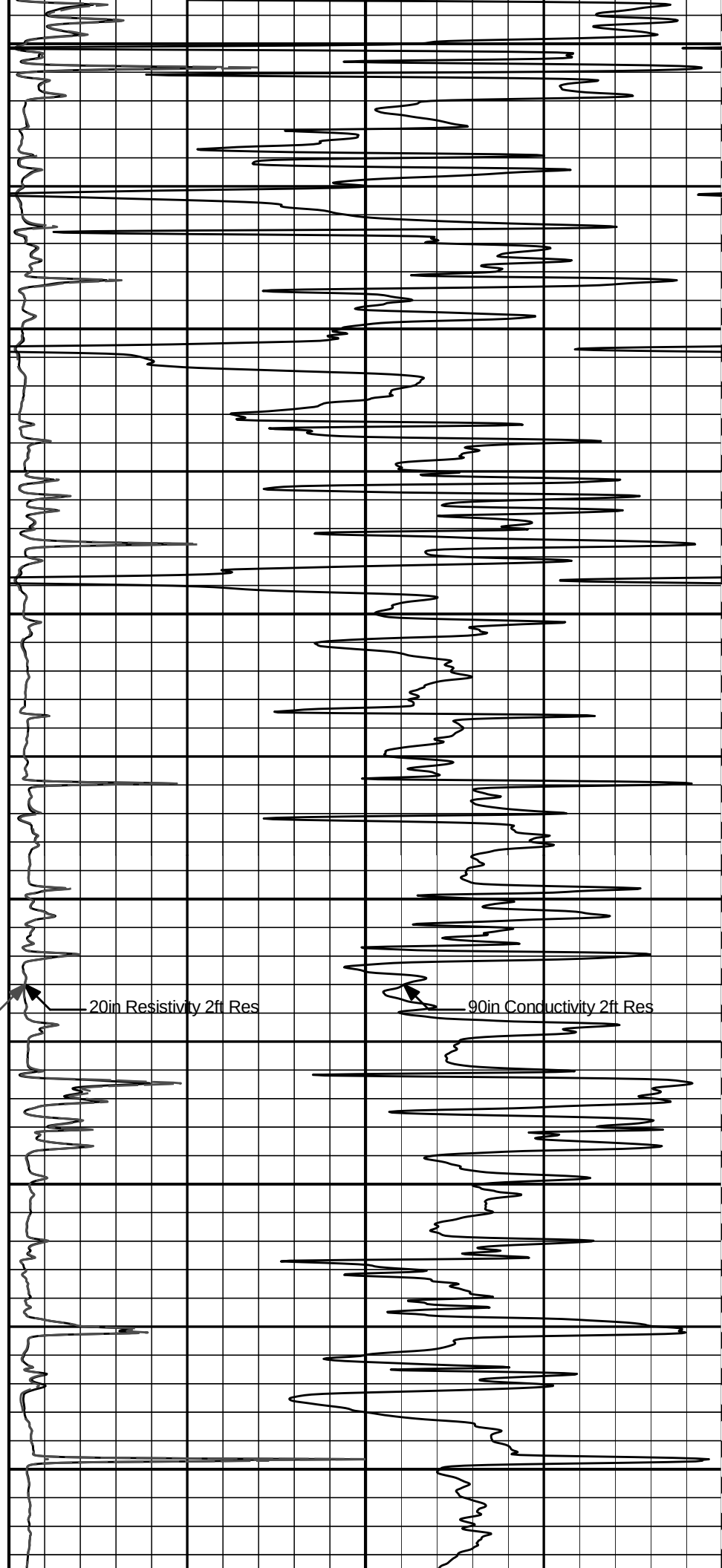
1700

1800

Gamma API

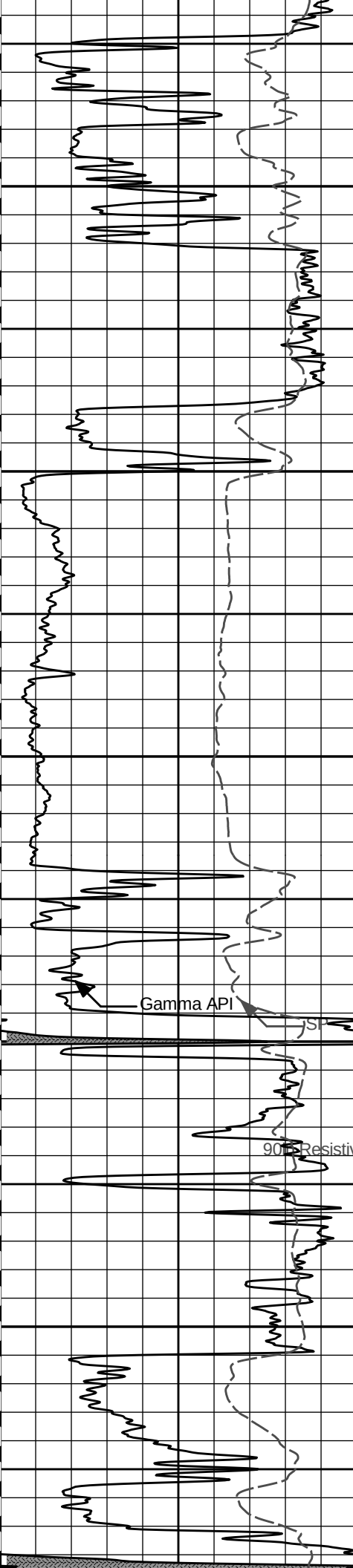
SP

90in Resistivity 2ft Res



20in Resistivity 2ft Res

90in Conductivity 2ft Res



1900

2000

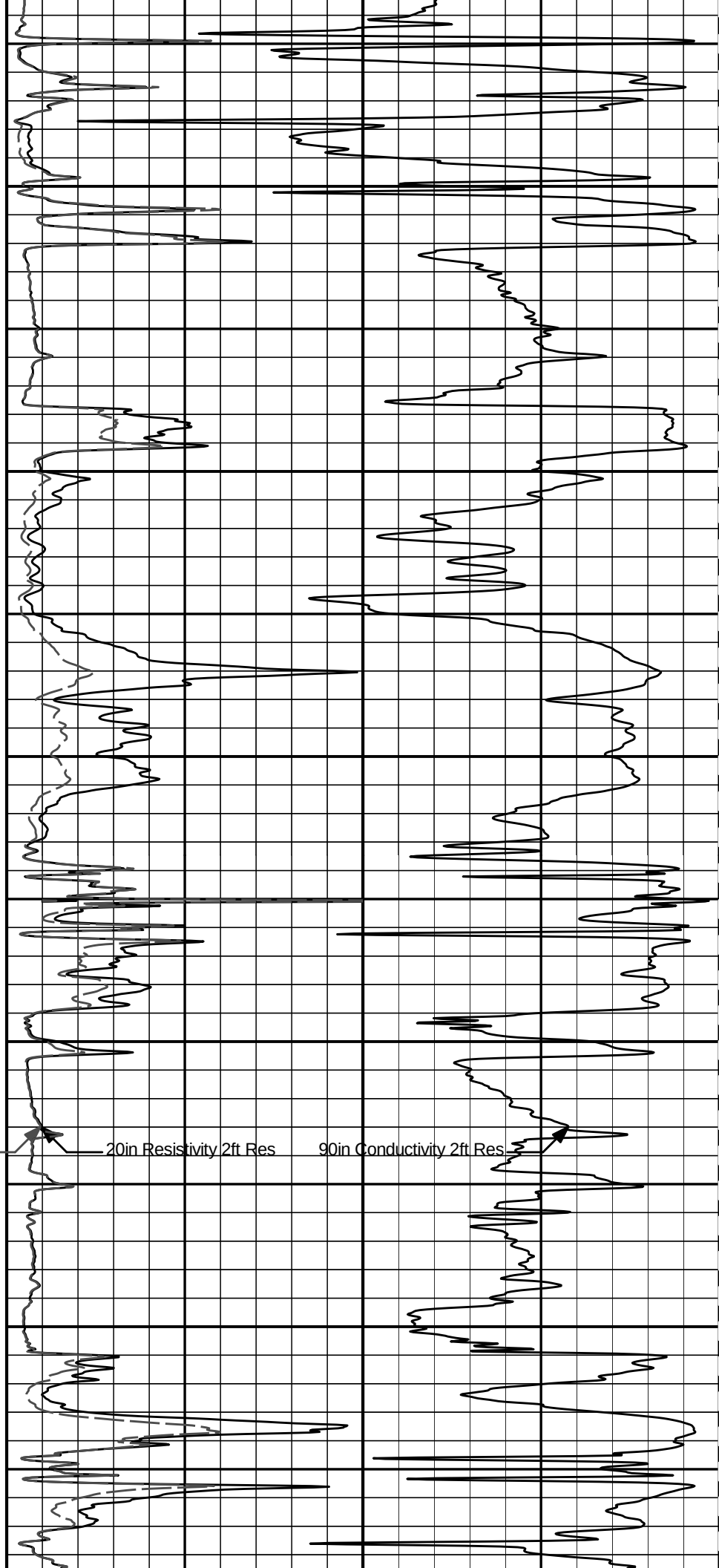
2100

2200

2300

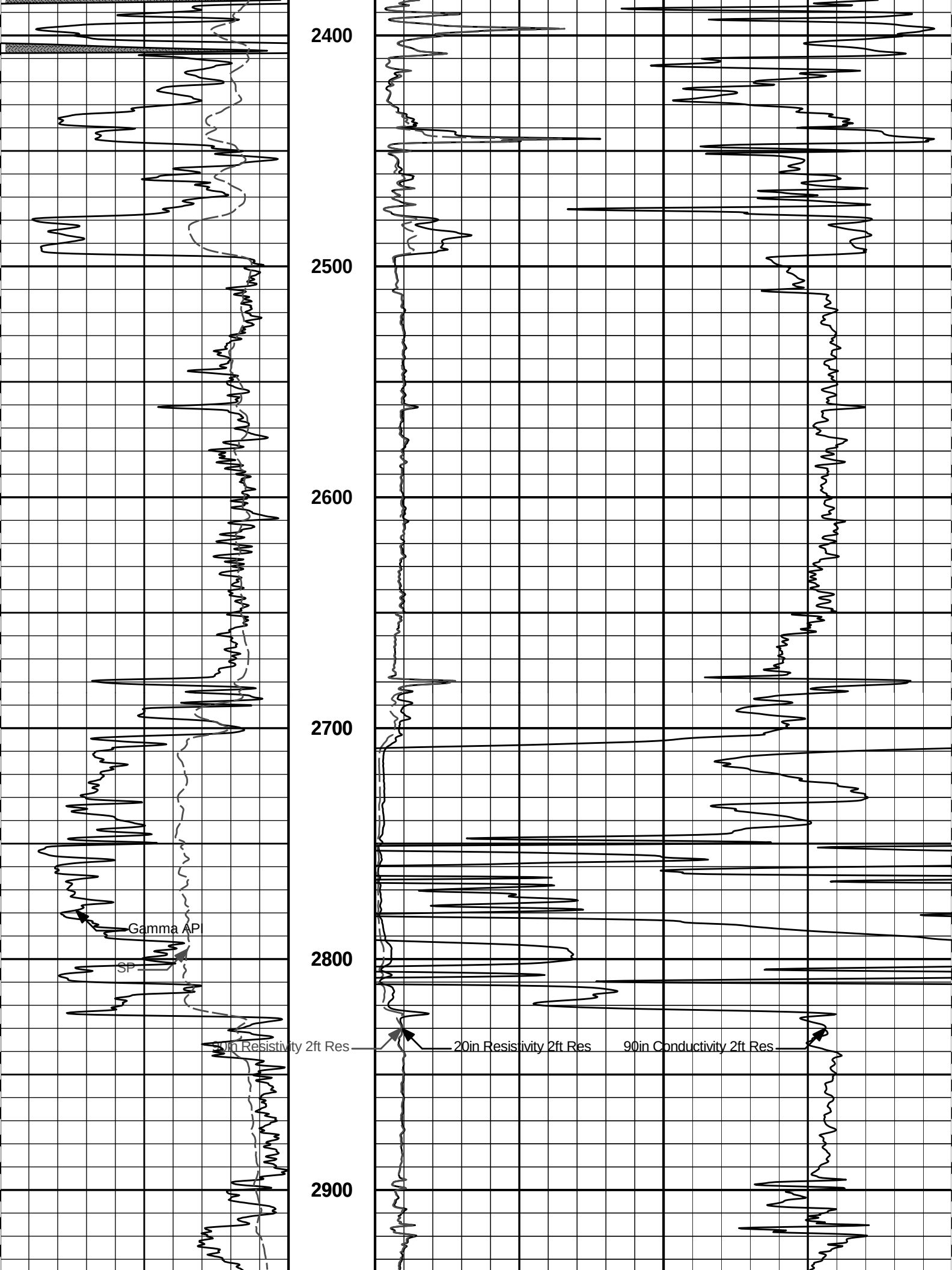
Gamma API

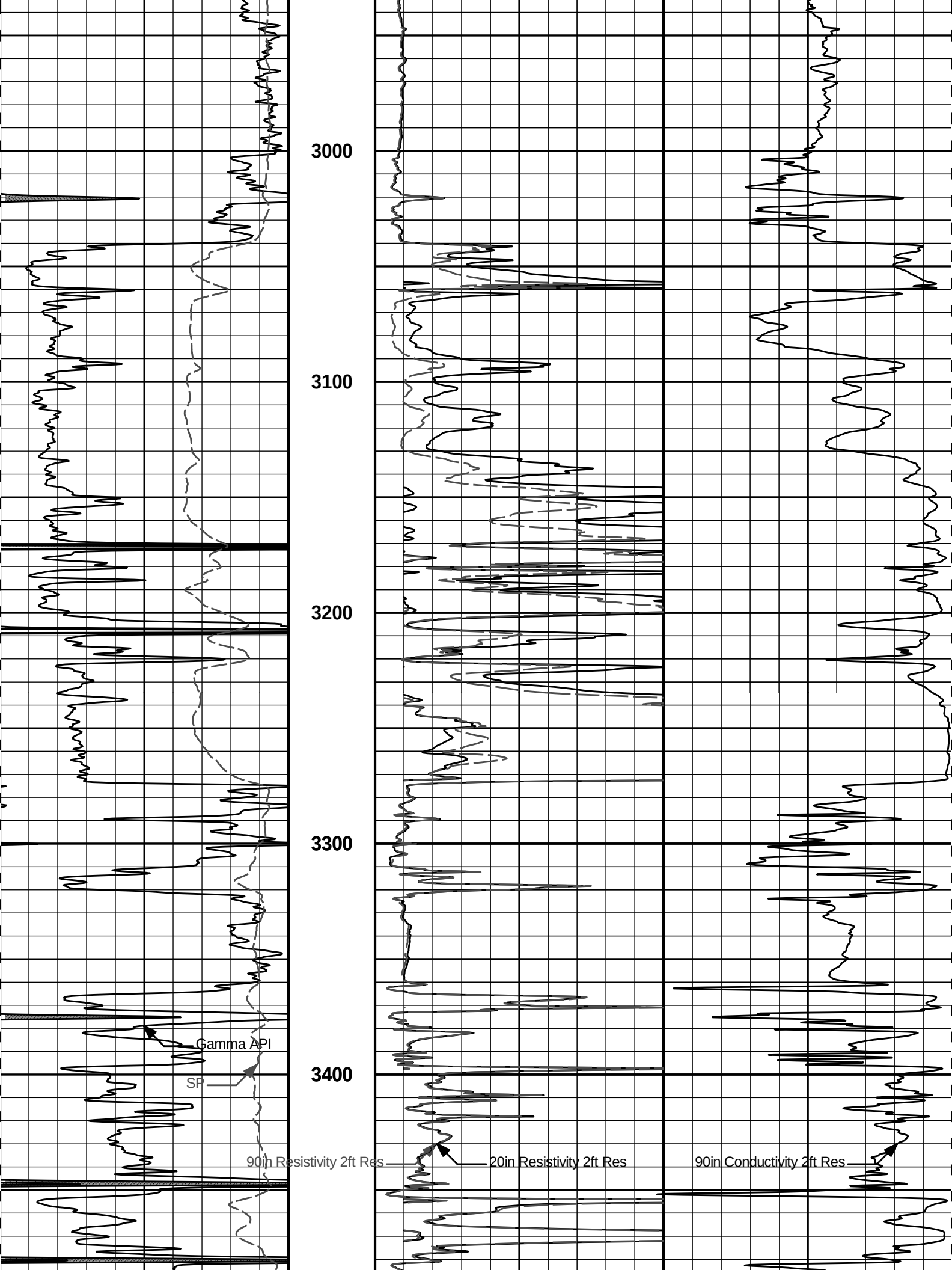
90in Resistivity 2ft Res

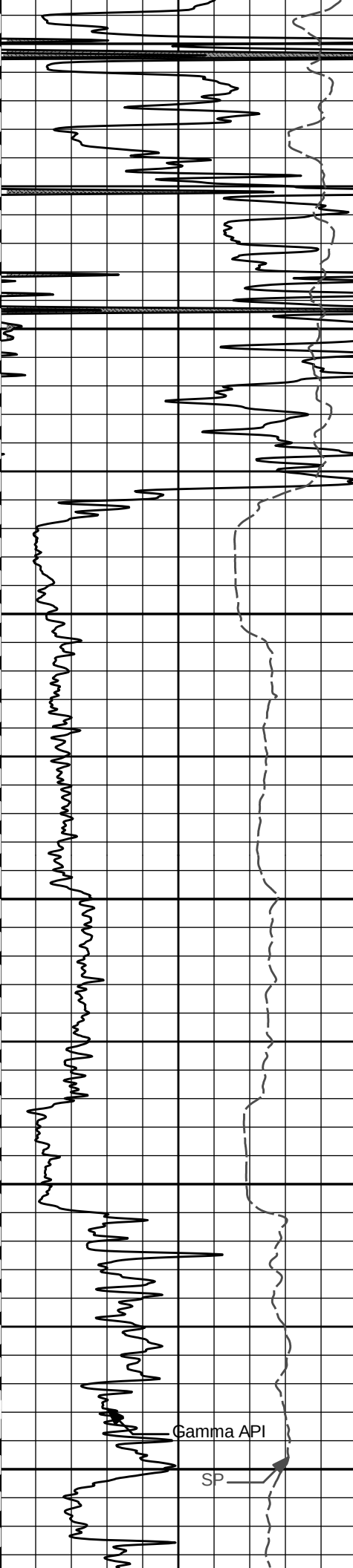


20in Resistivity 2ft Res

90in Conductivity 2ft Res







3500

3600

3700

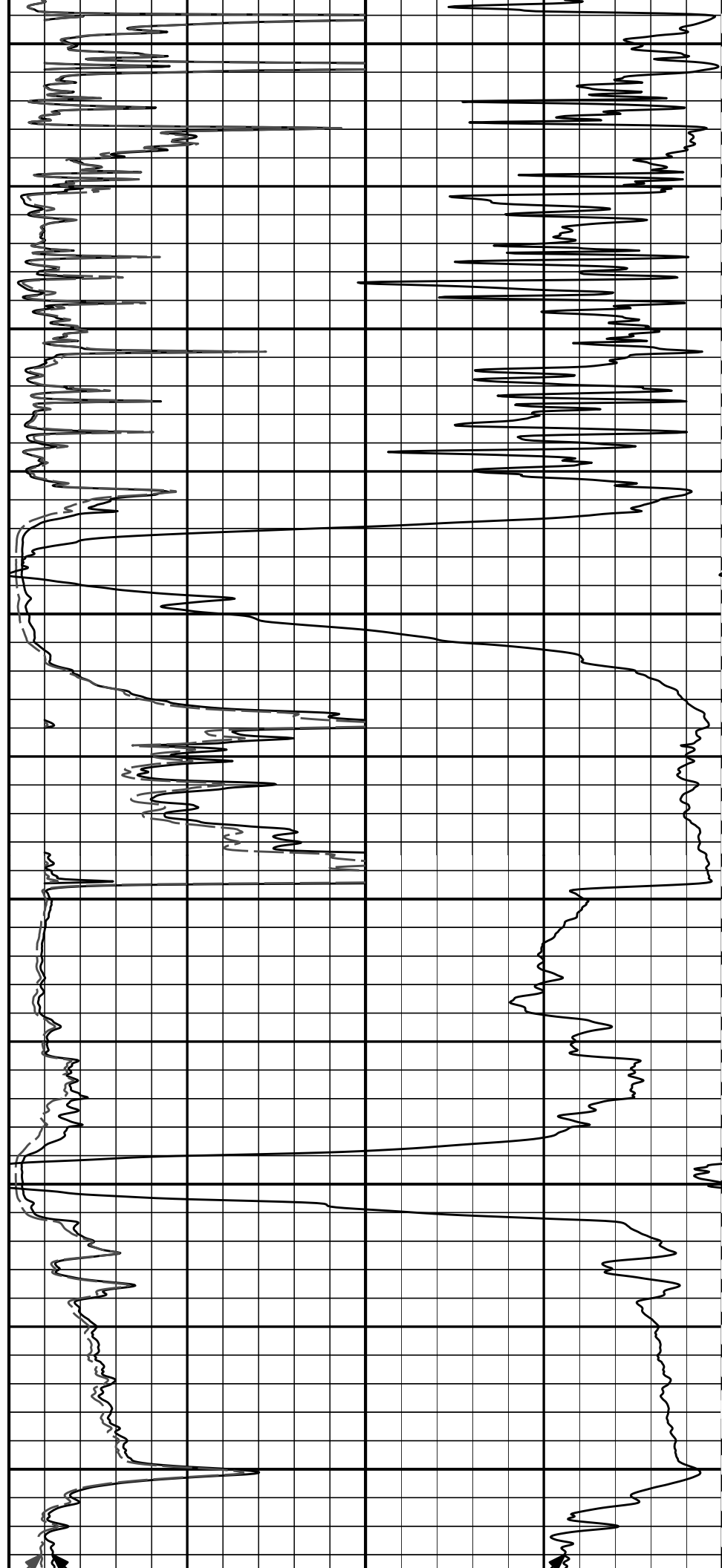
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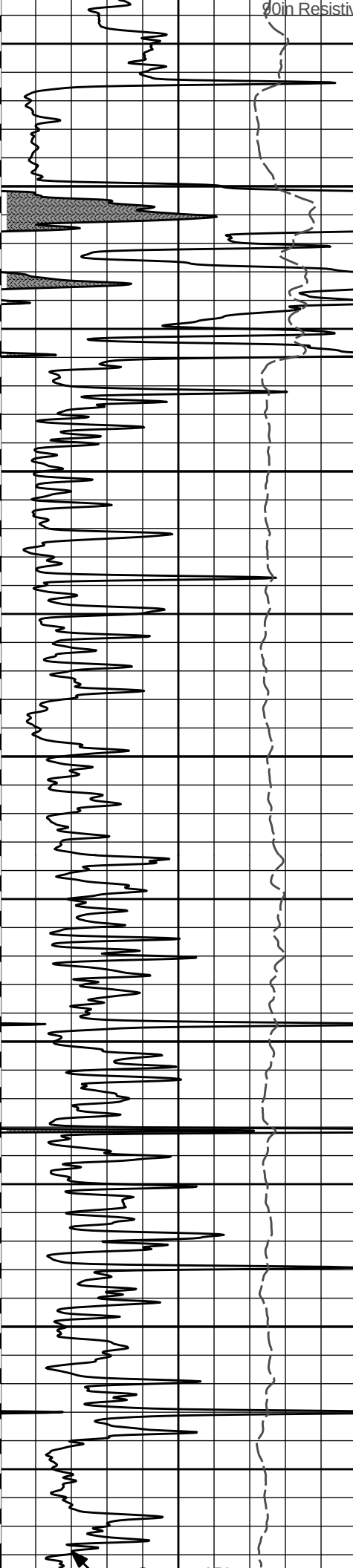
3900

4000

Gamma API

SP





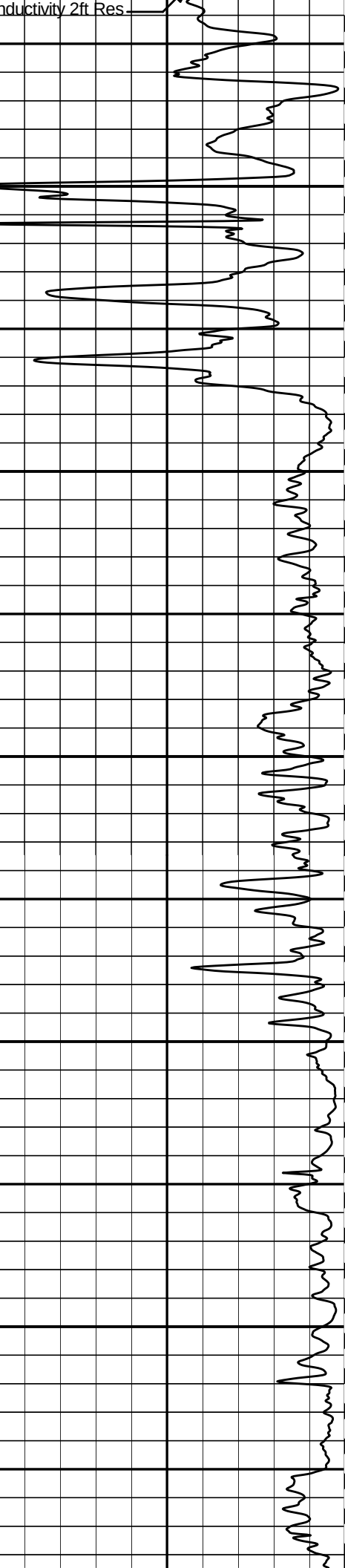
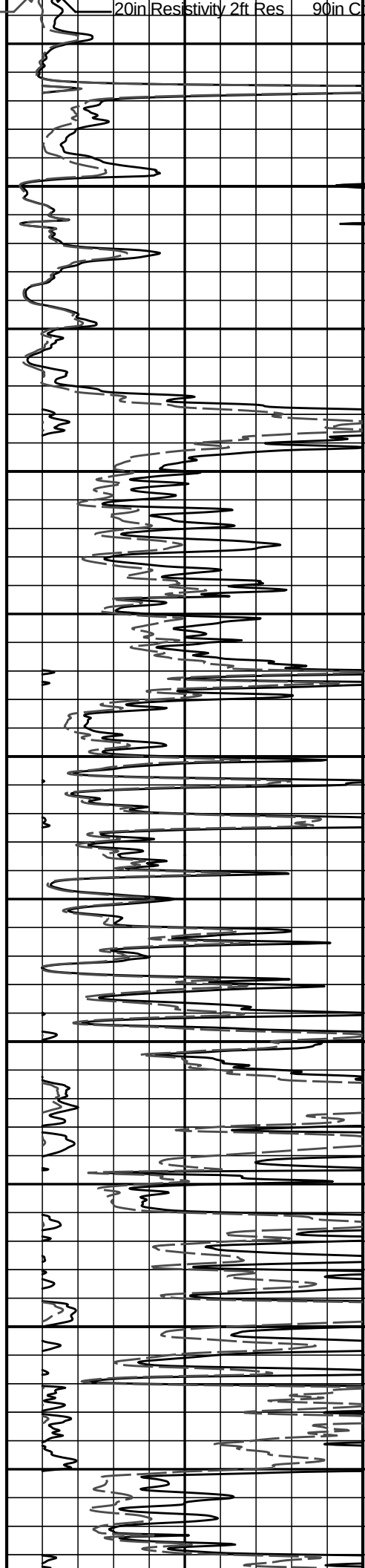
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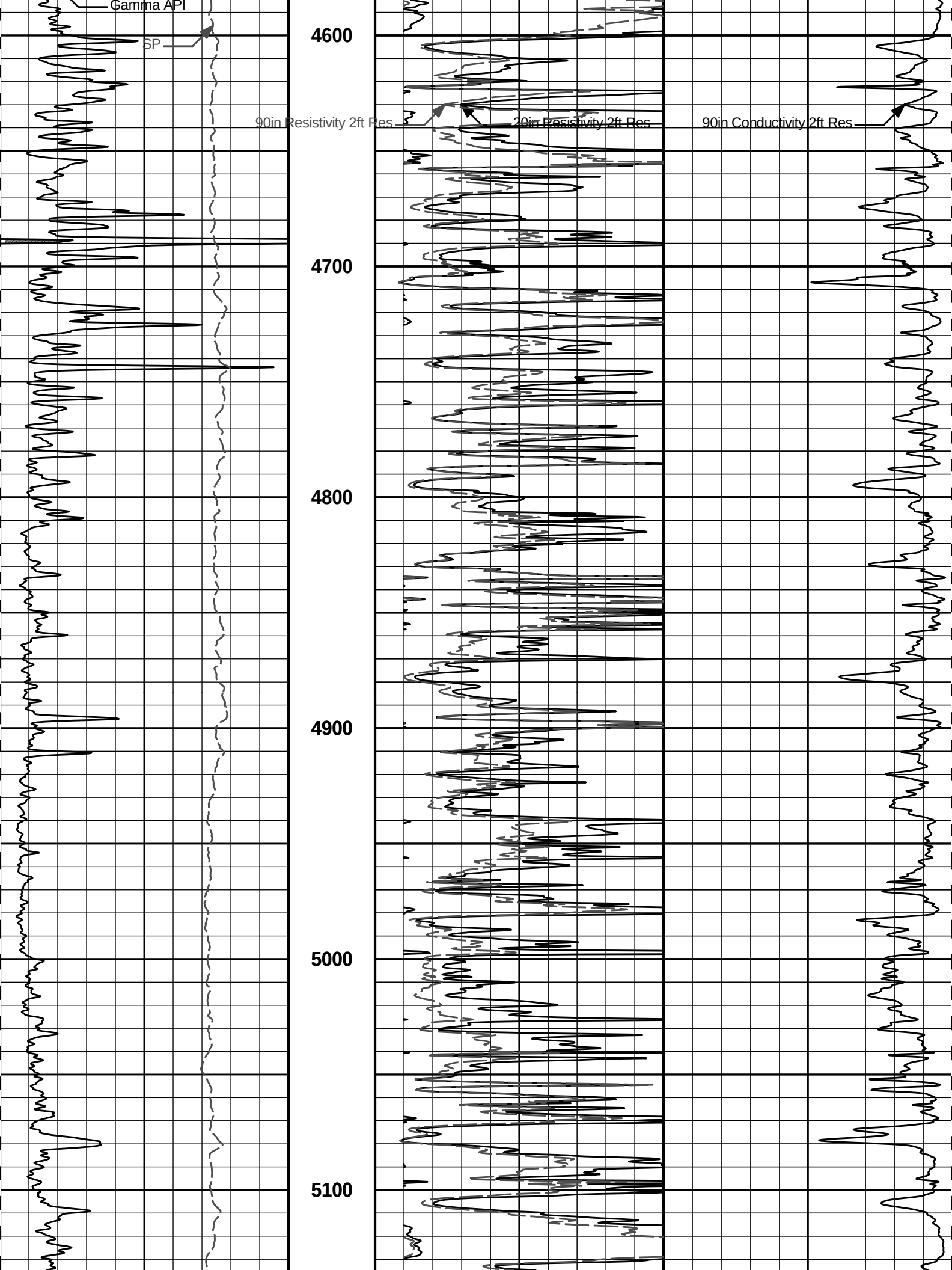
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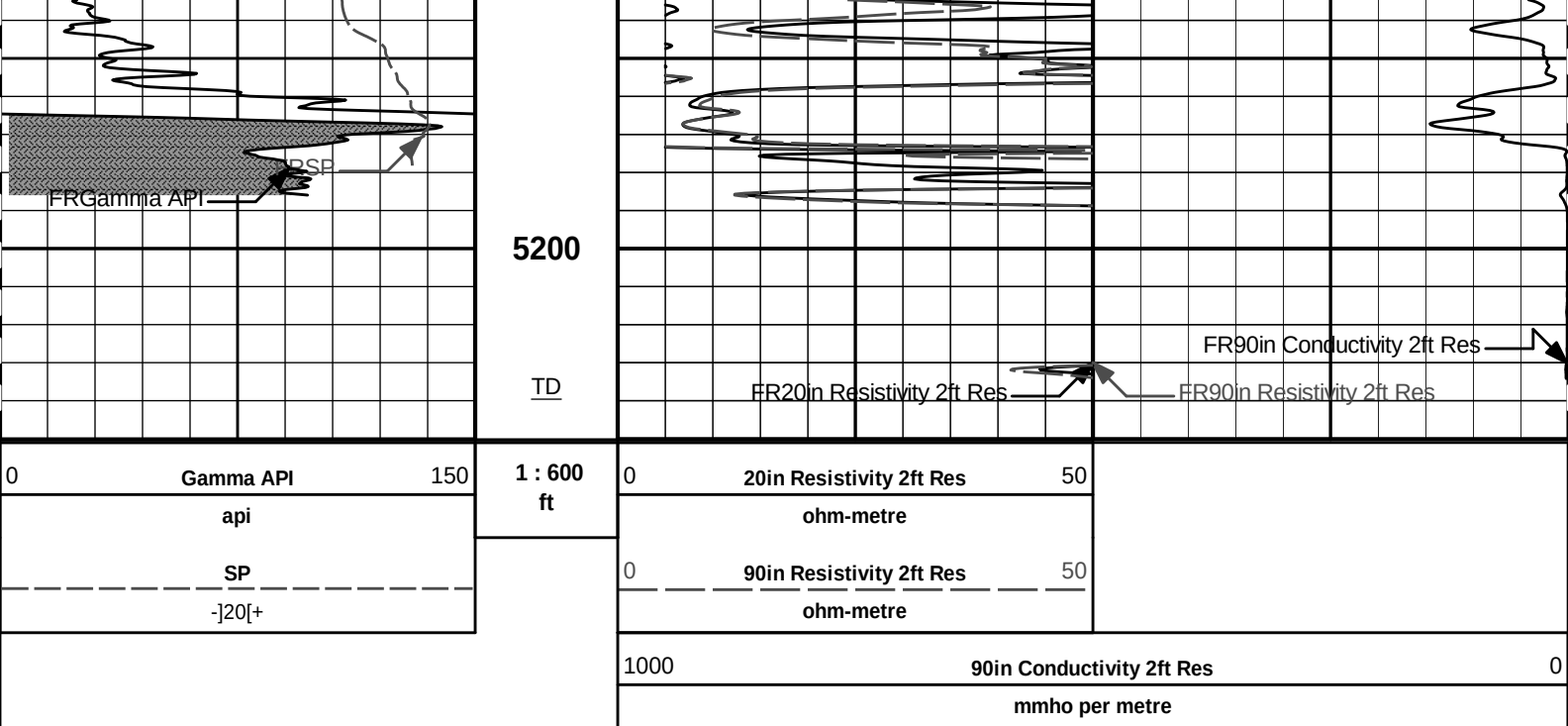
4300

4400

4500







HALLIBURTON

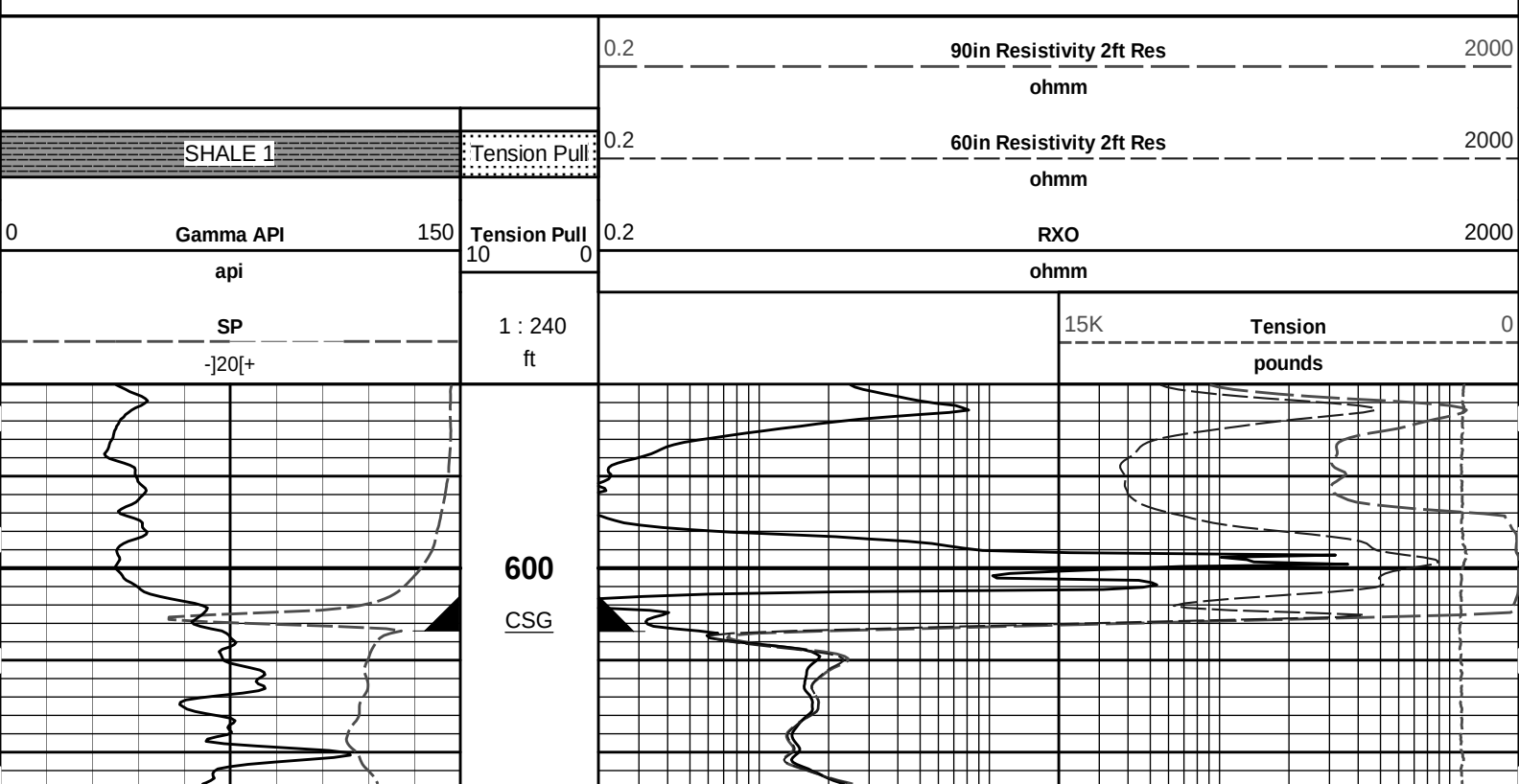
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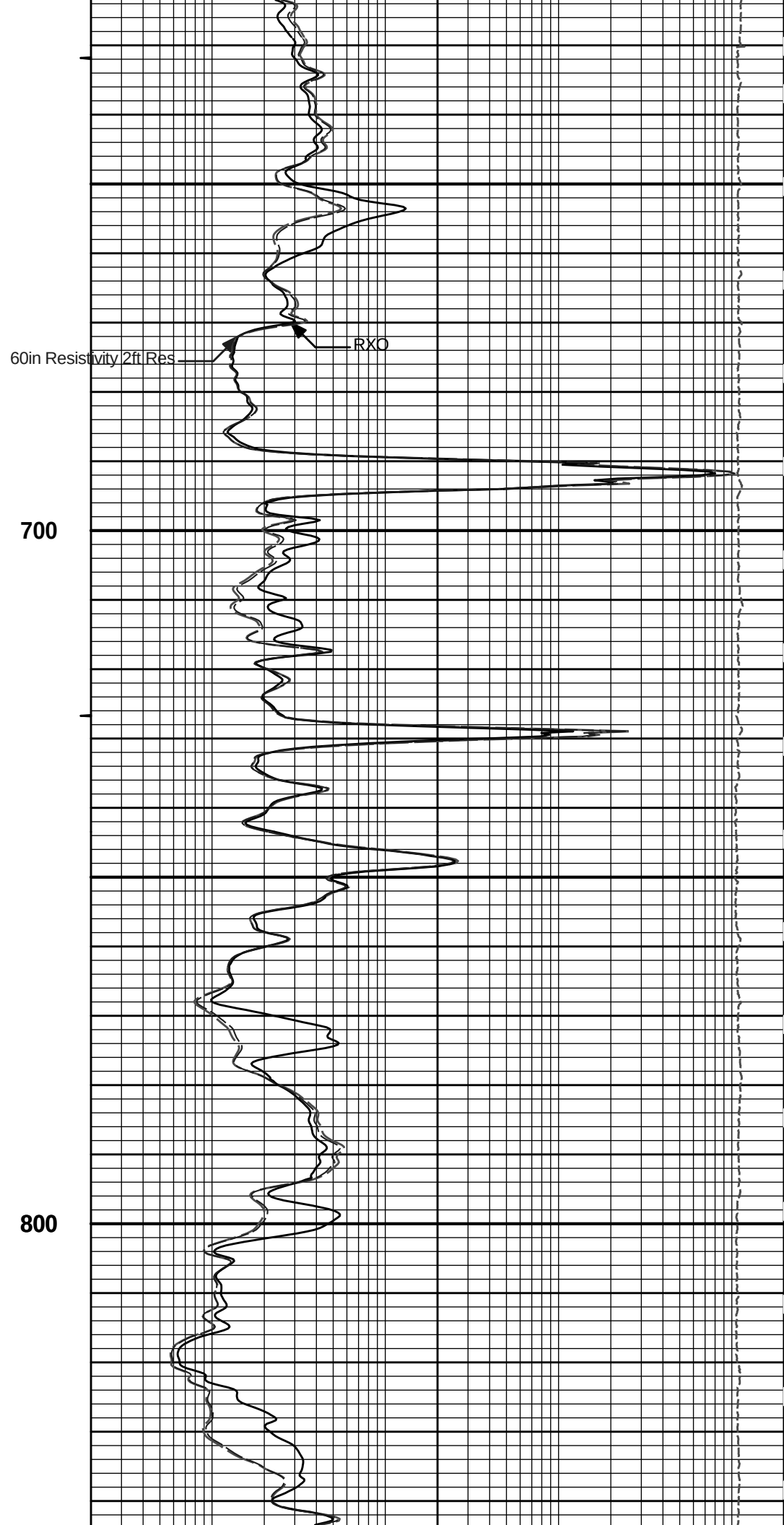
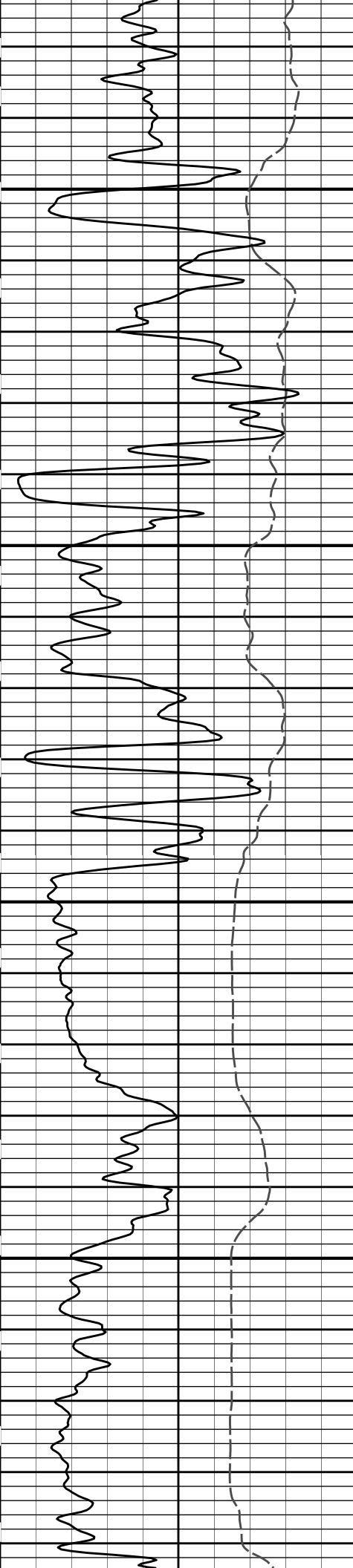
2 INCH MAIN LOG

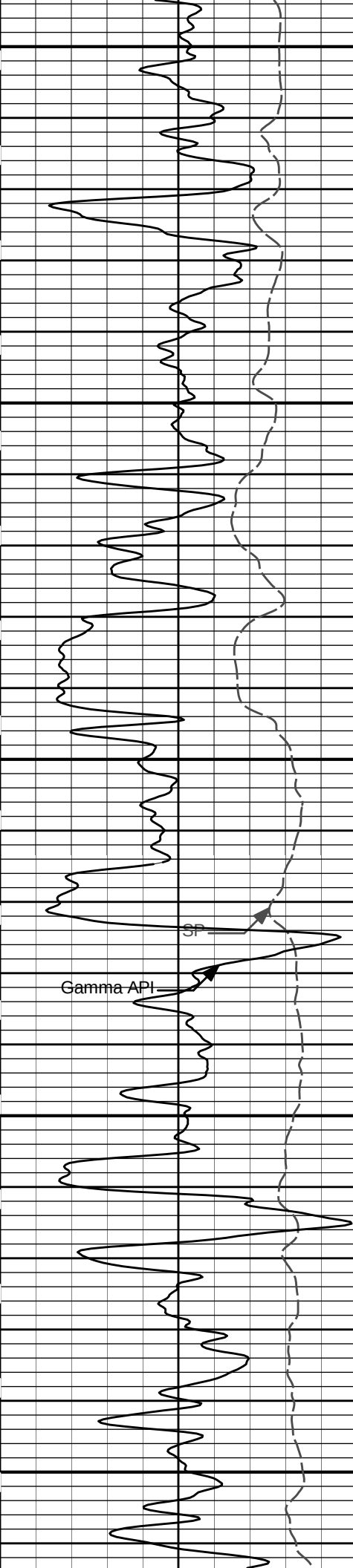
HALLIBURTON

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Plot File: \\-LOCAL-WELINGTN_KGS_R2\Well Based\ACRT\IEOG_ACRT_5_MAIN_LIB

5 INCH MAIN LOG







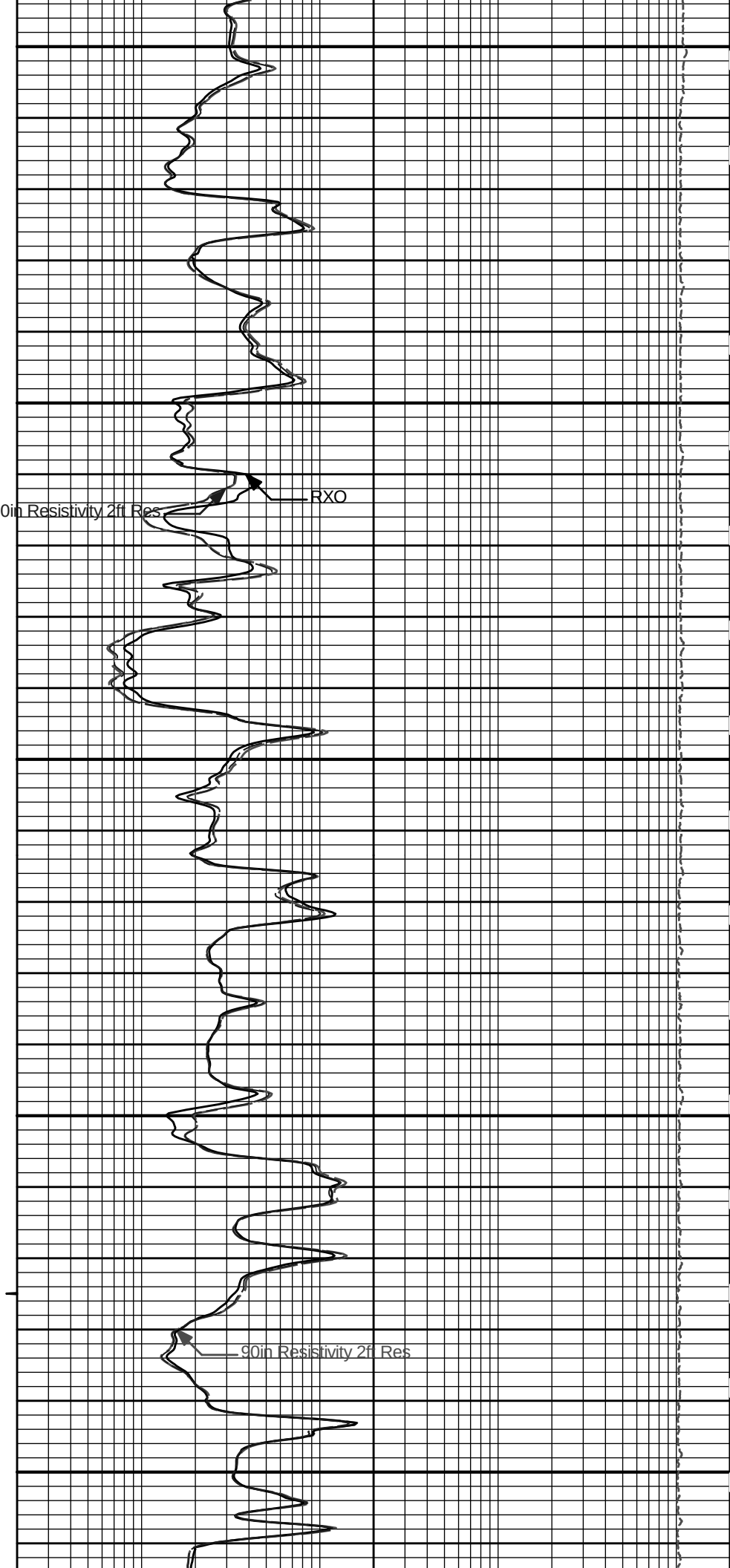
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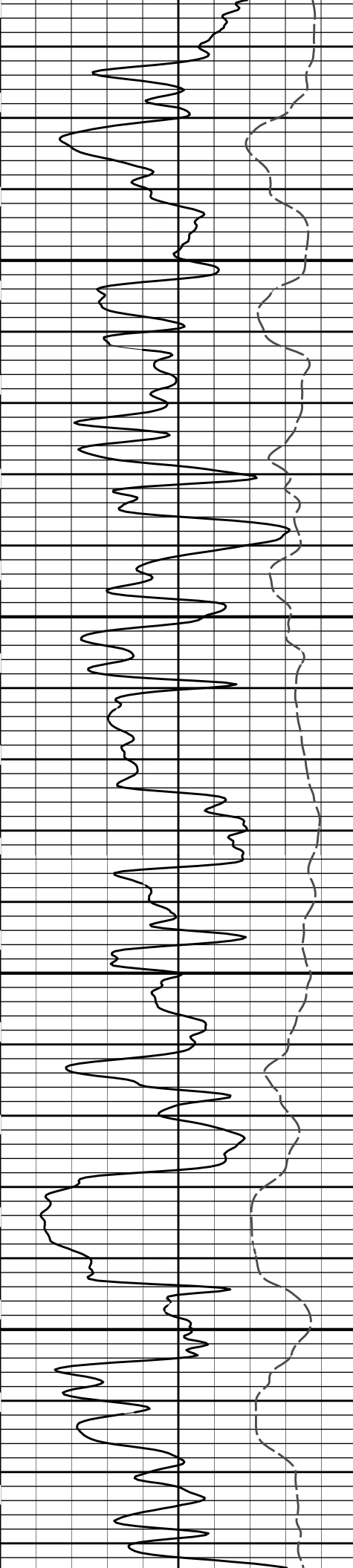
60in Resistivity 2ft Res

RXO

1000

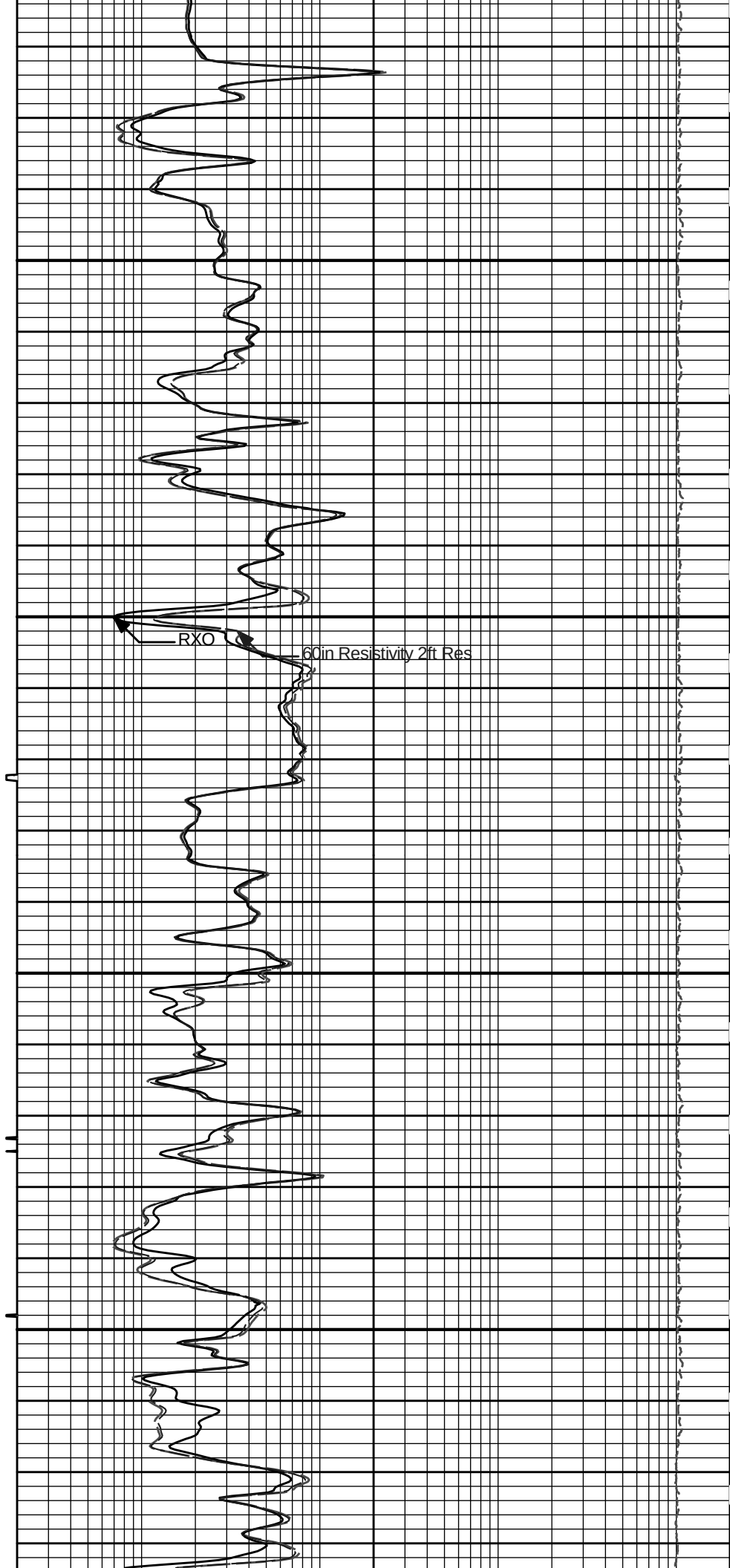
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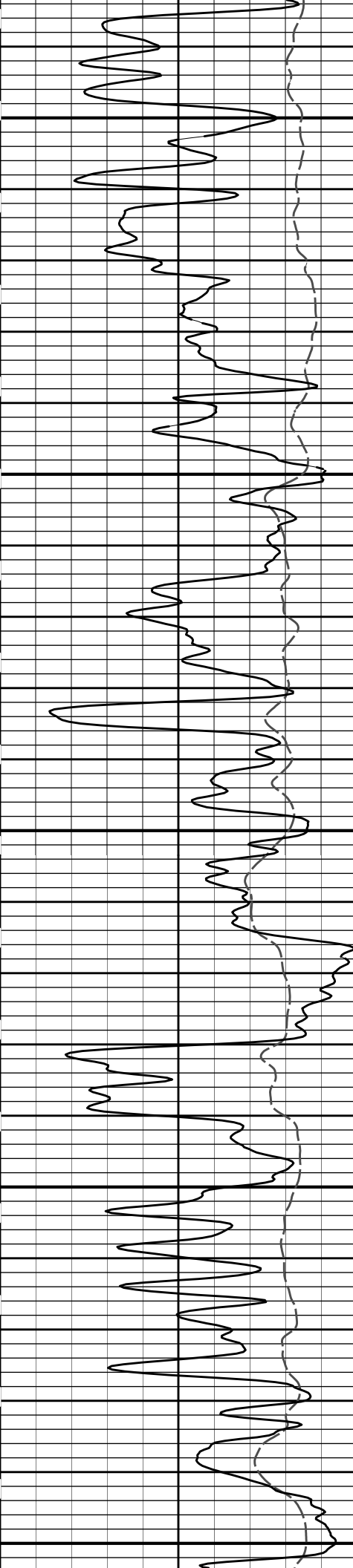




1100

1200





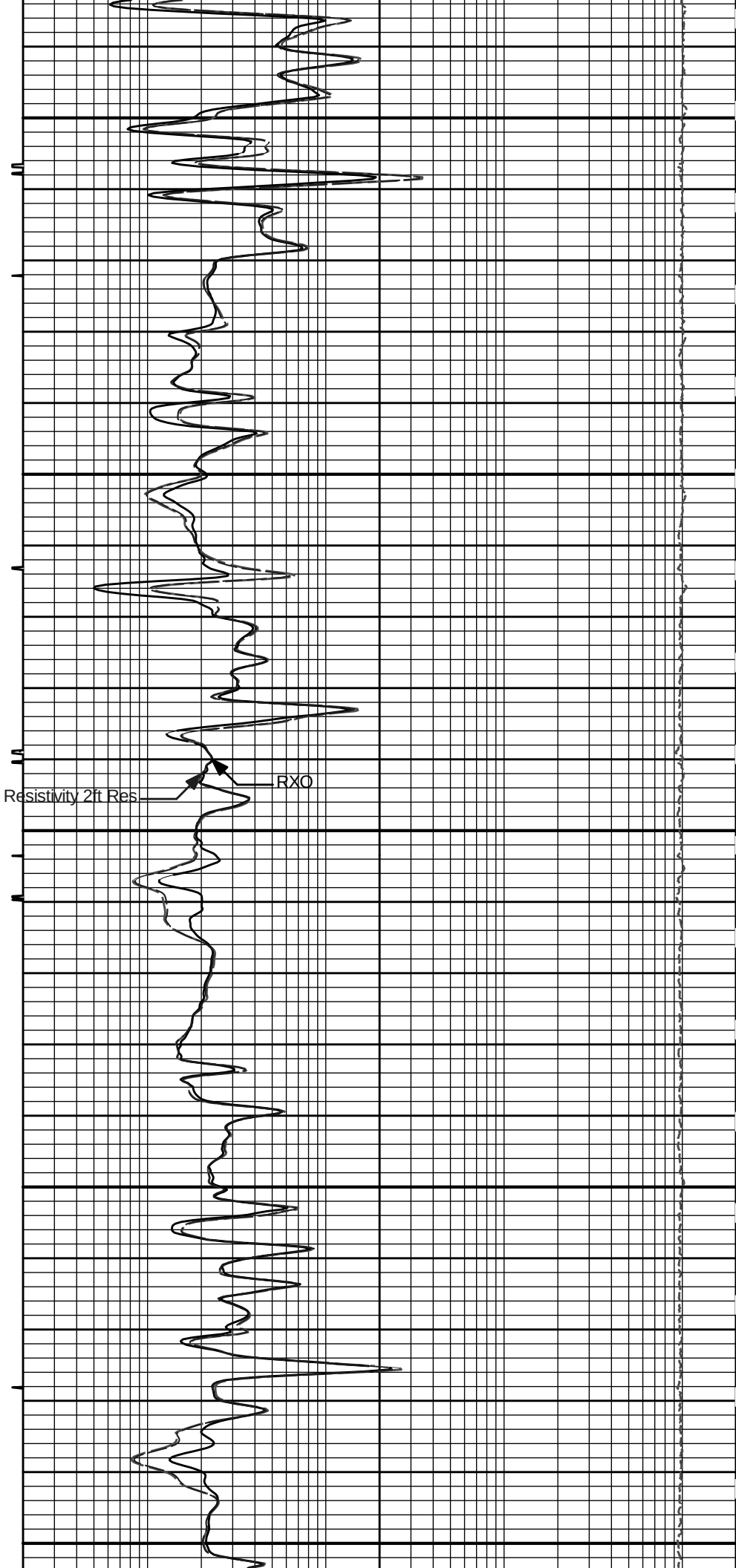
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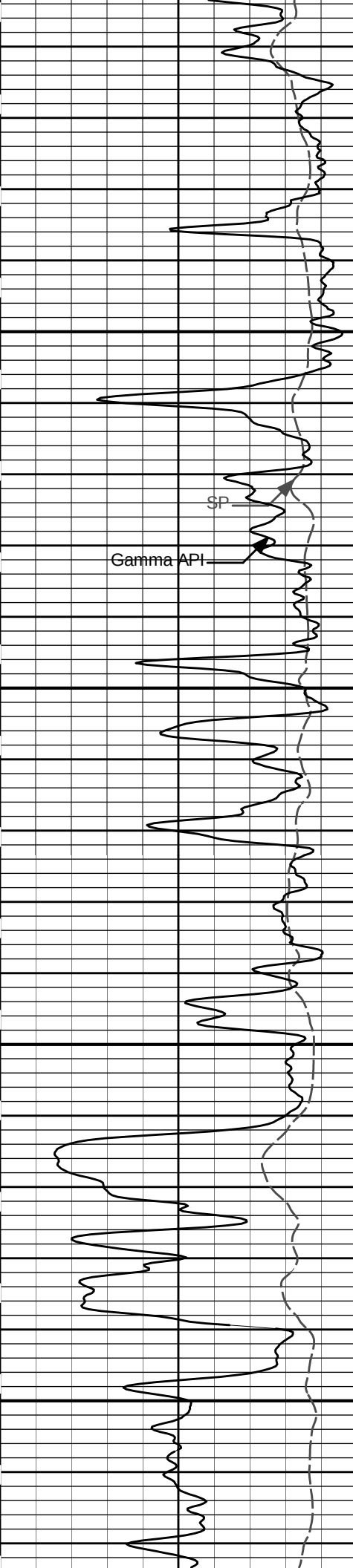
1400

1500

60in Resistivity 2ft Res

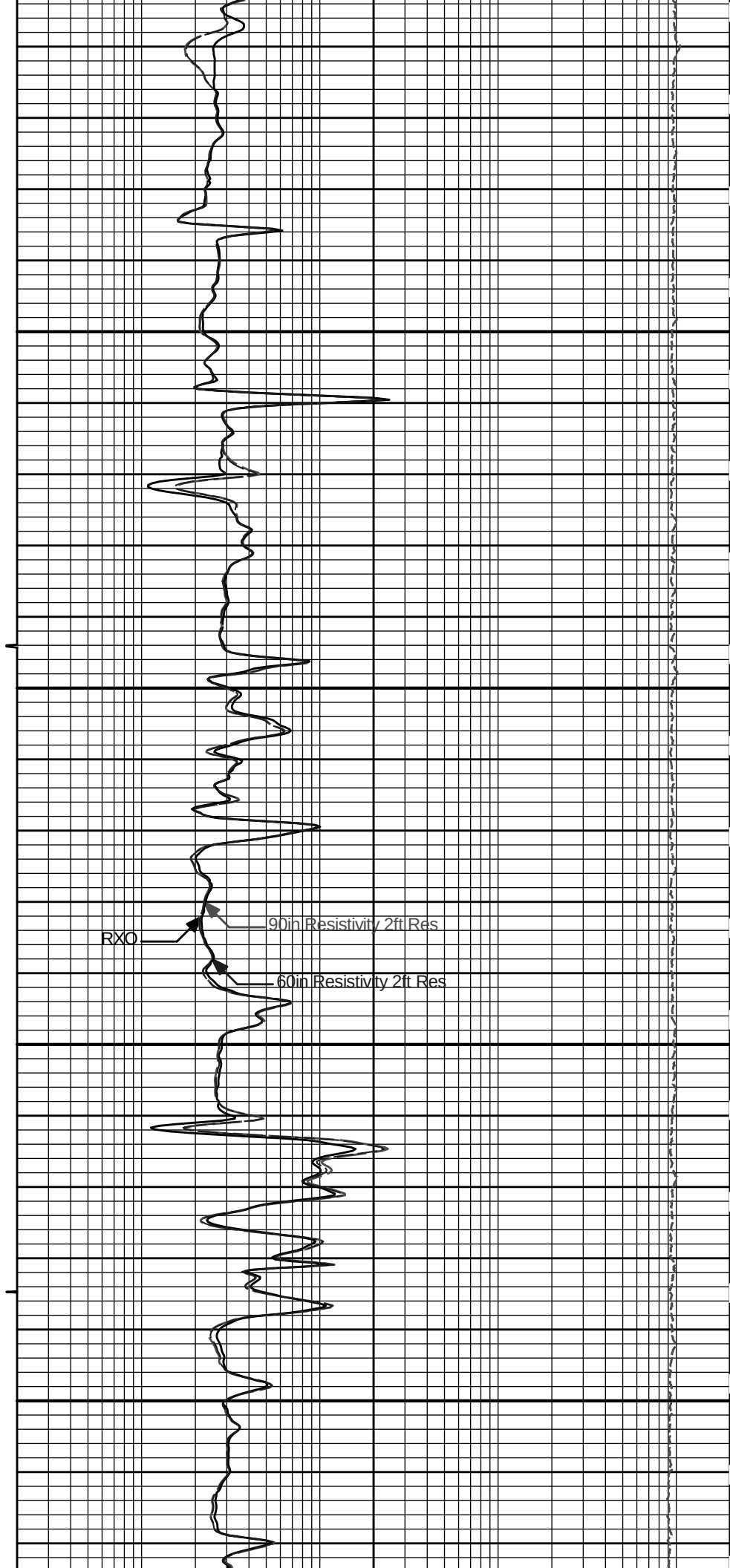
RXO

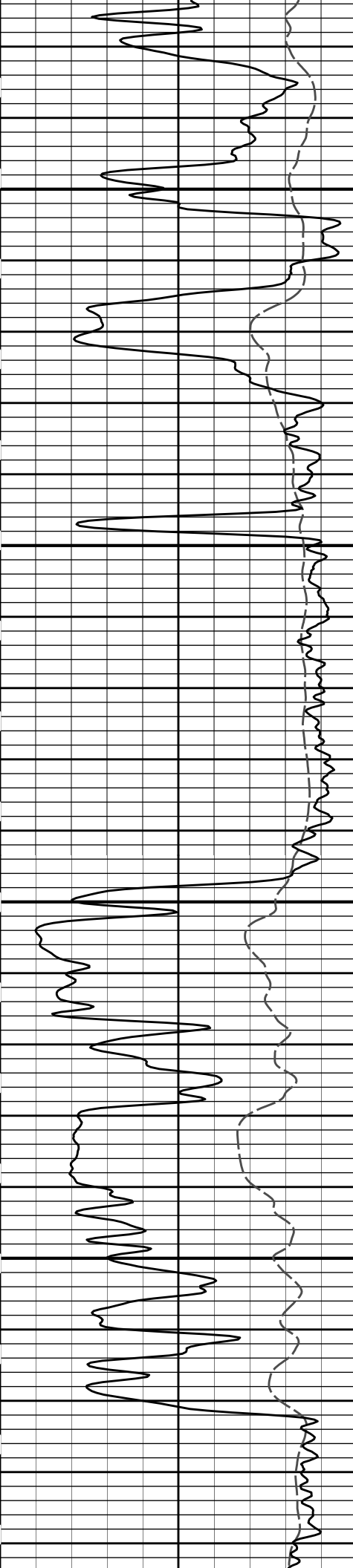




1600

1700

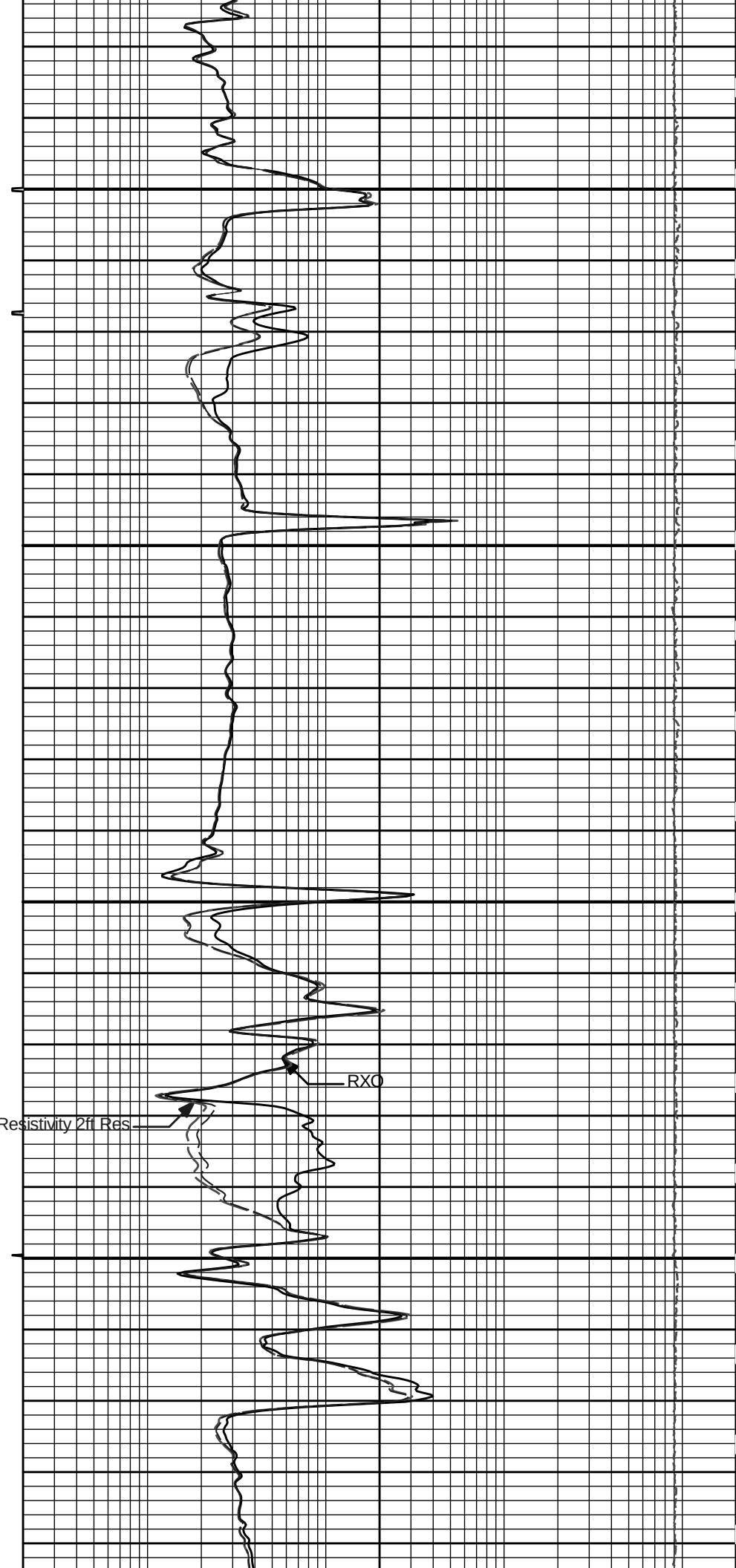




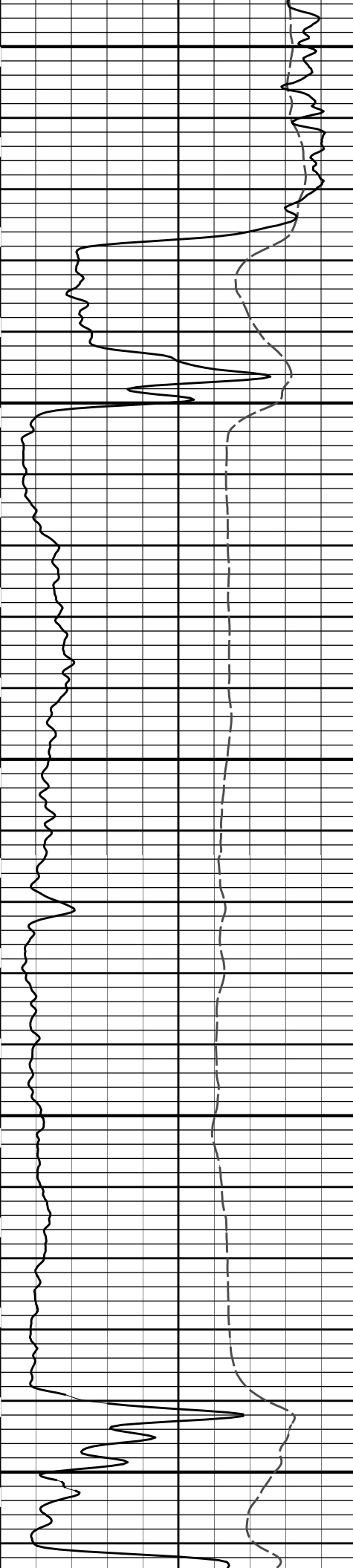
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60in Resistivity 2ft Res

1900

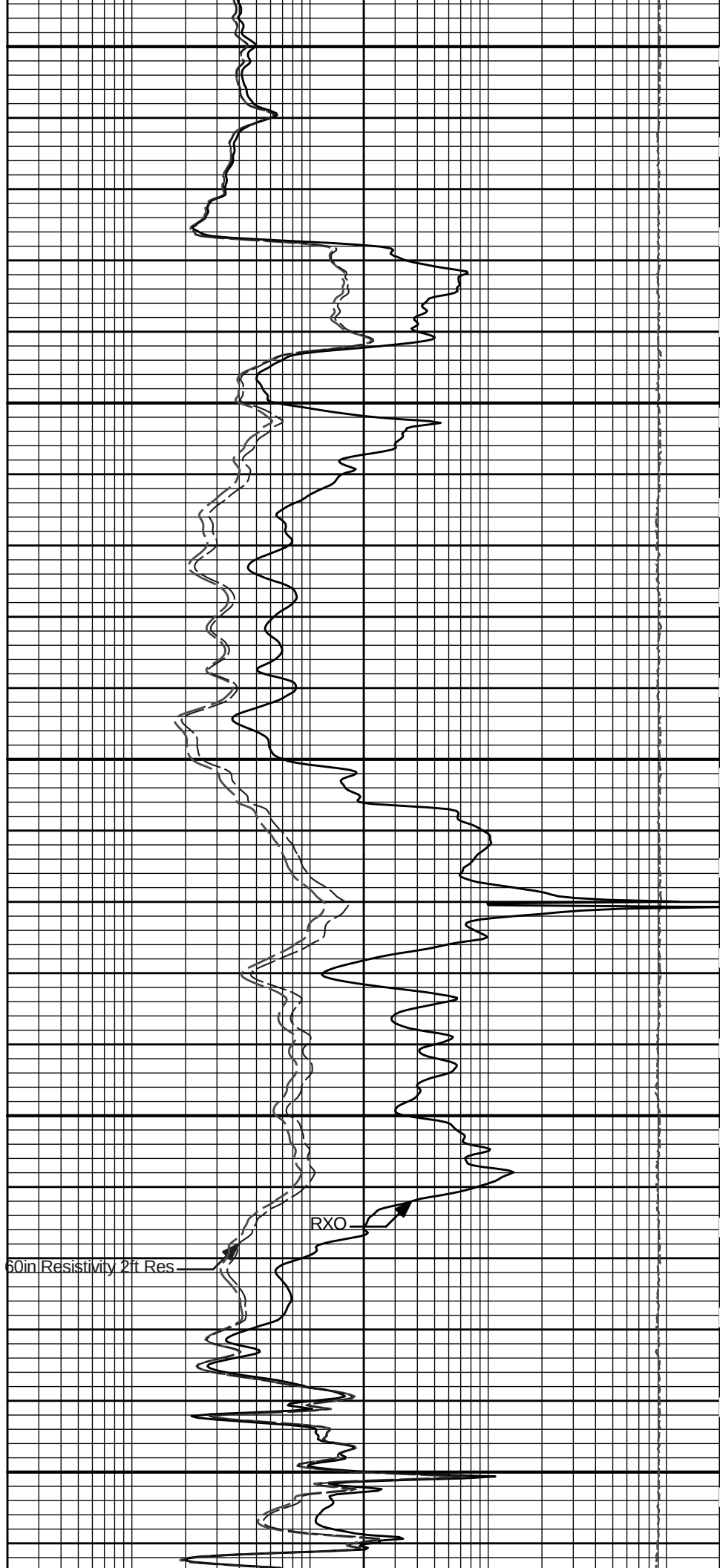


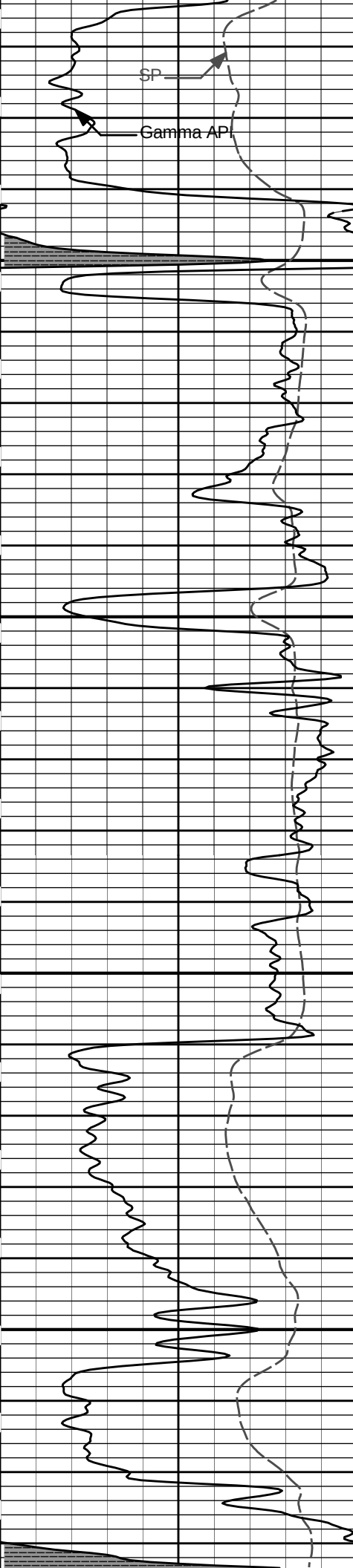
RXO



2000

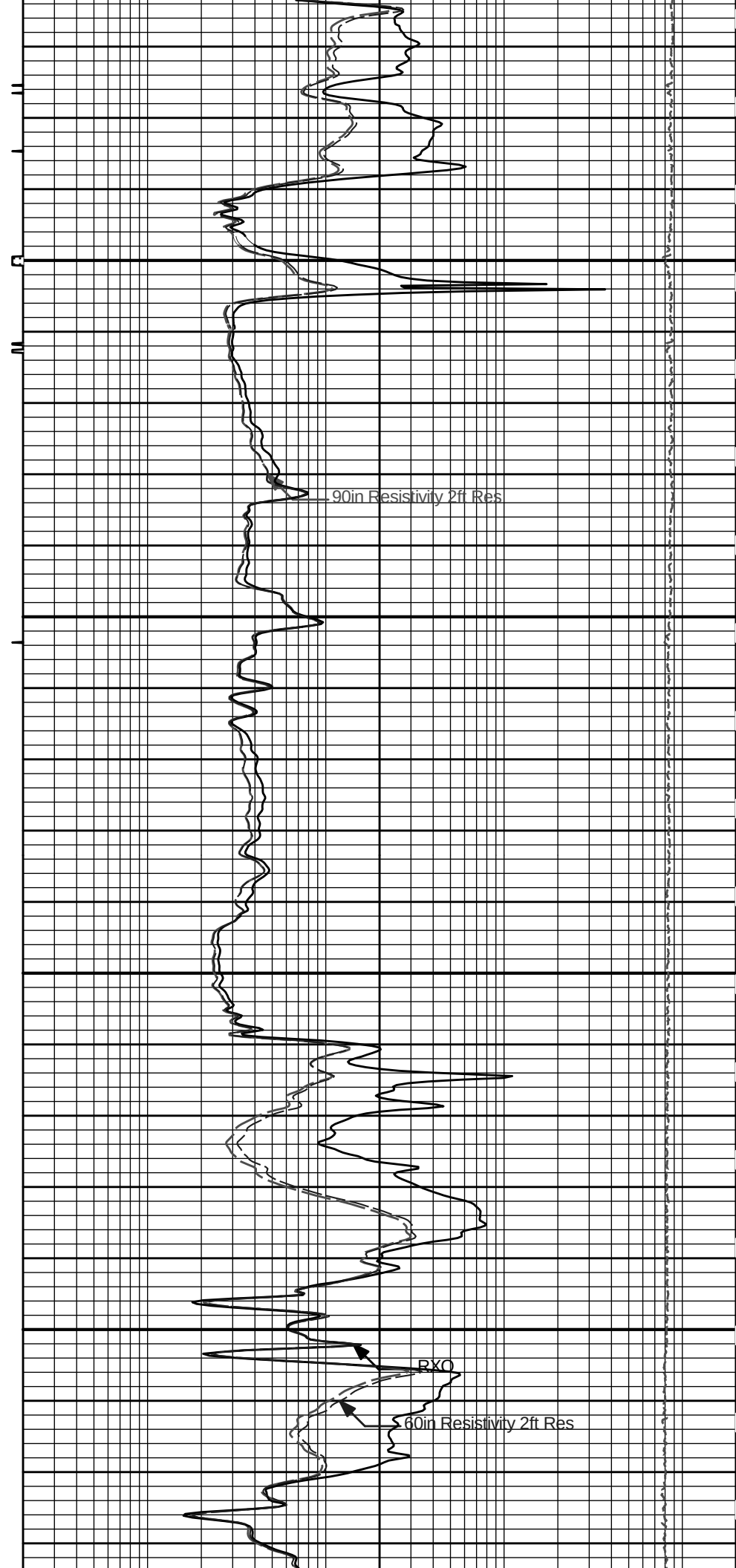
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2200

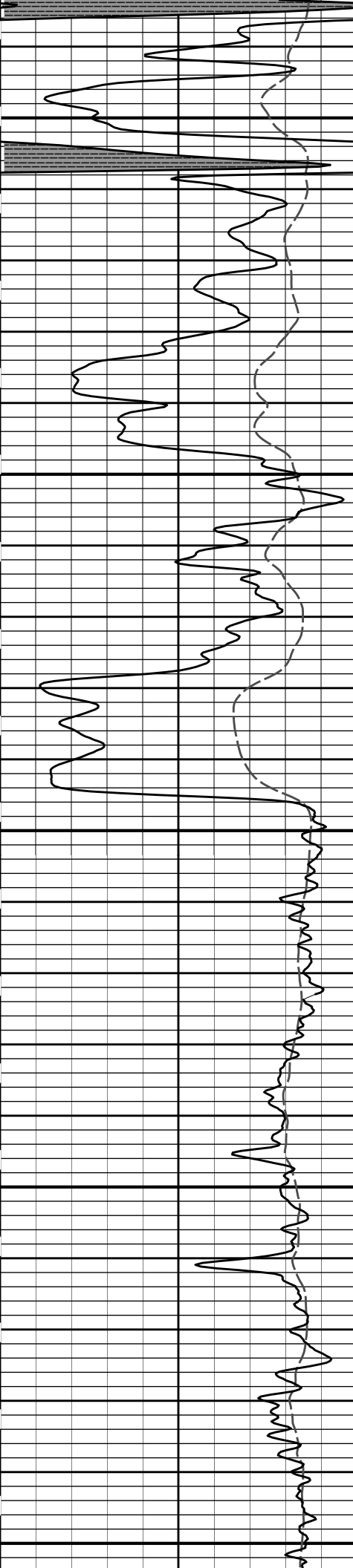
2300



90in Resistivity 2ft Res

RXO

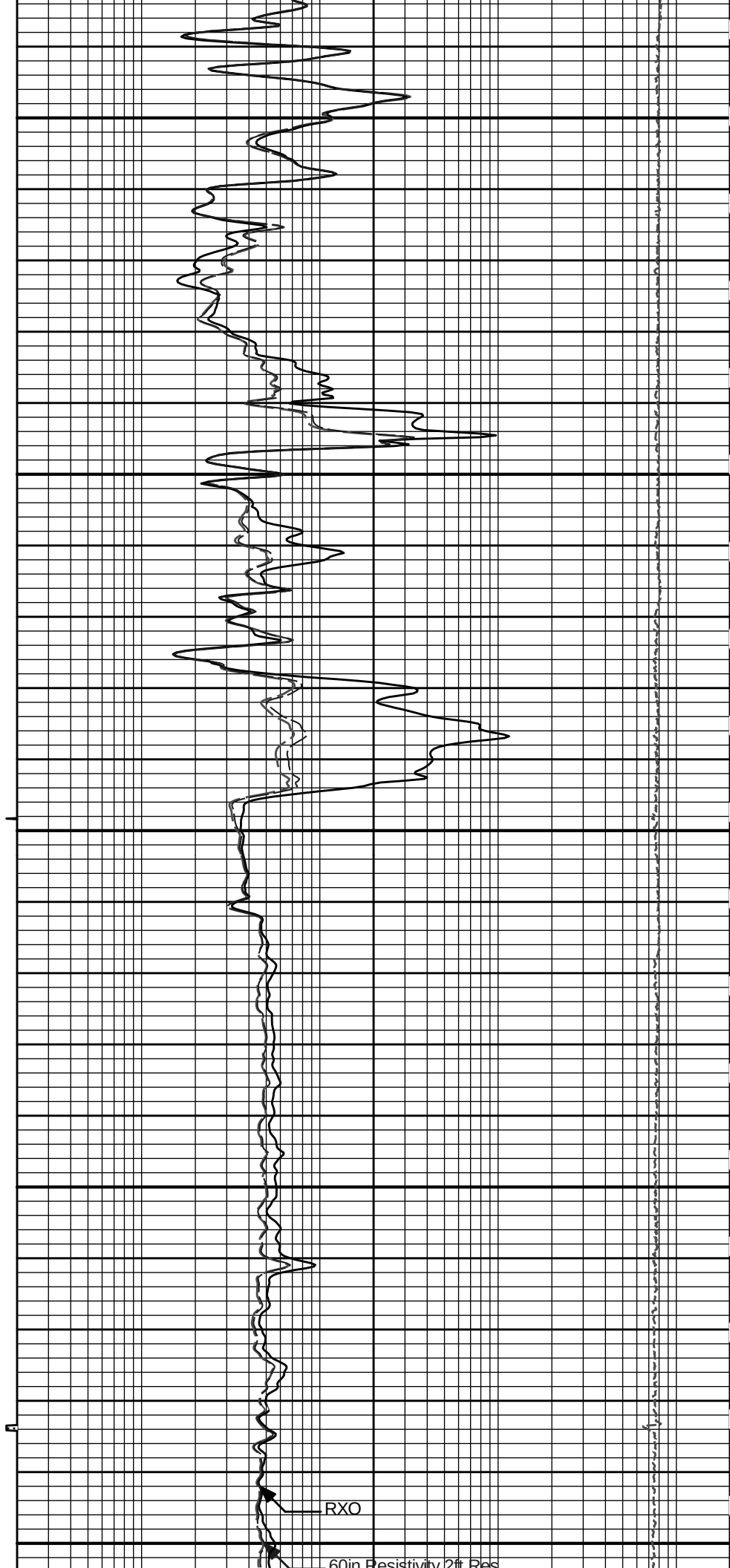
60in Resistivity 2ft Res



2400

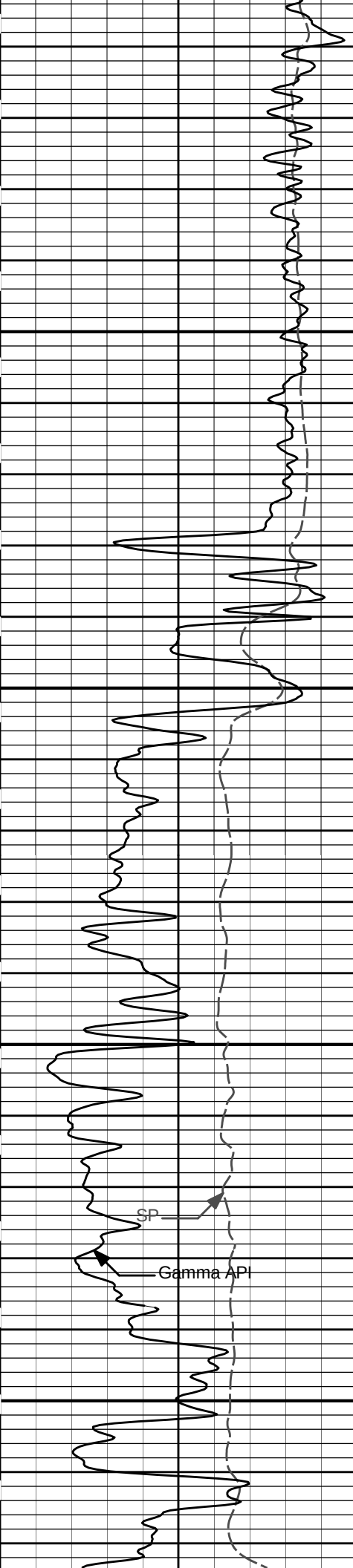
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2600



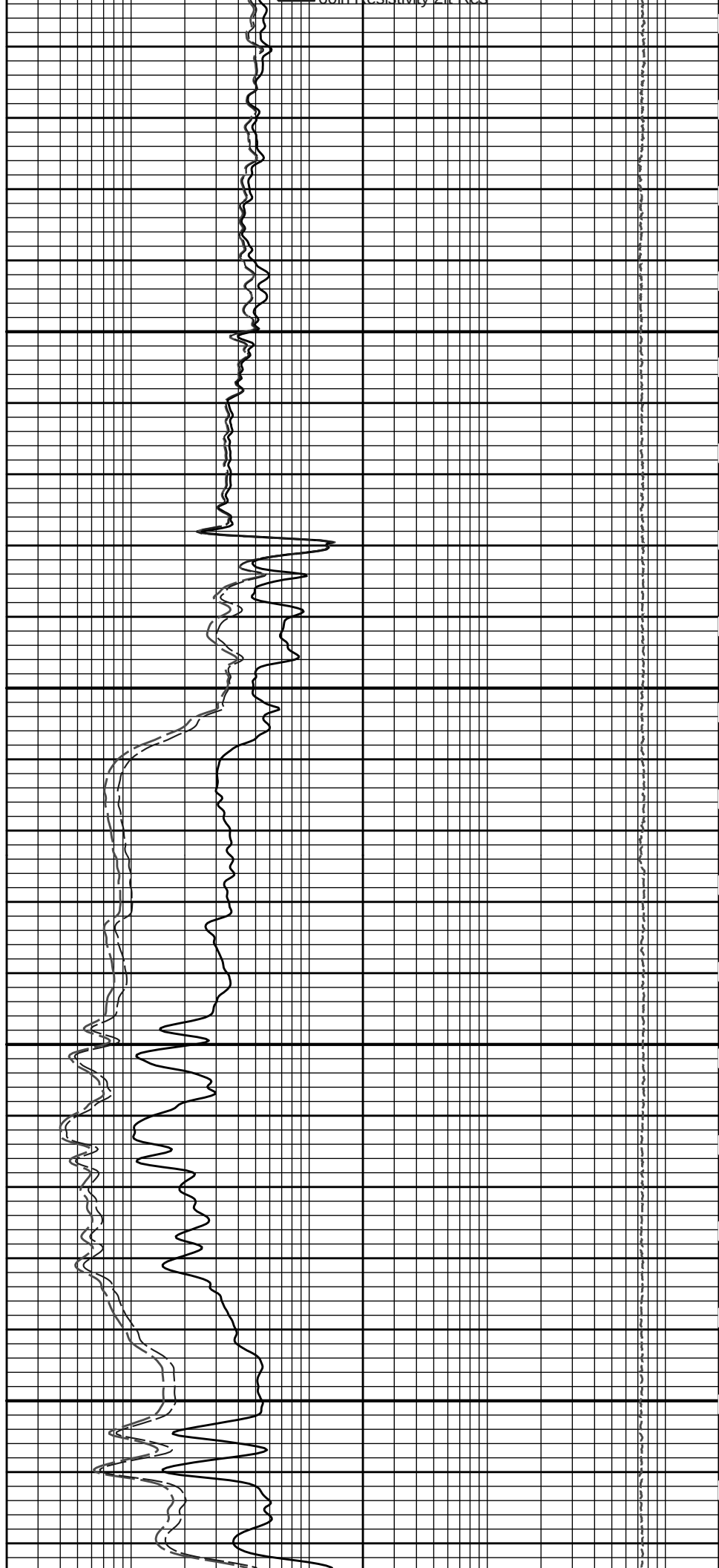
RXO

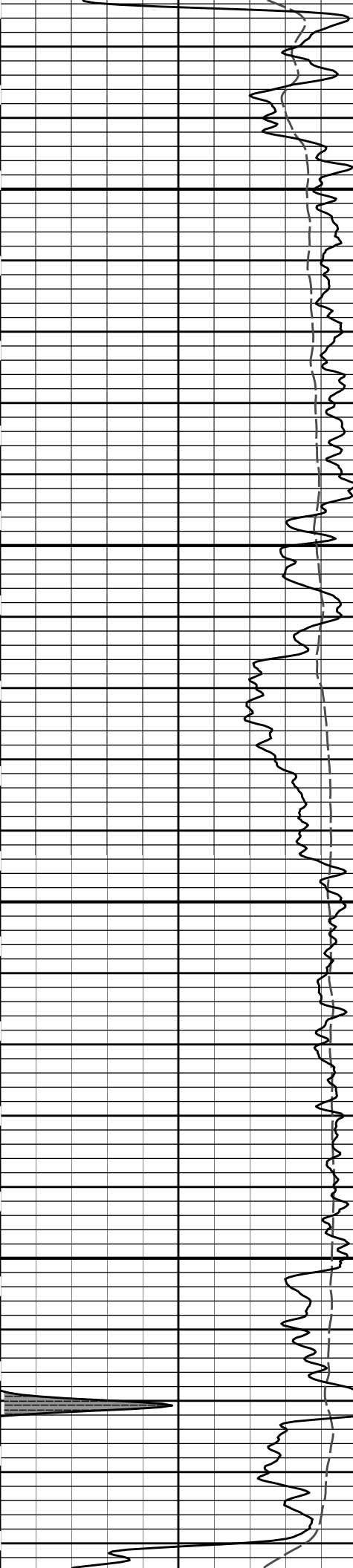
60in Resistivity 2ft Res



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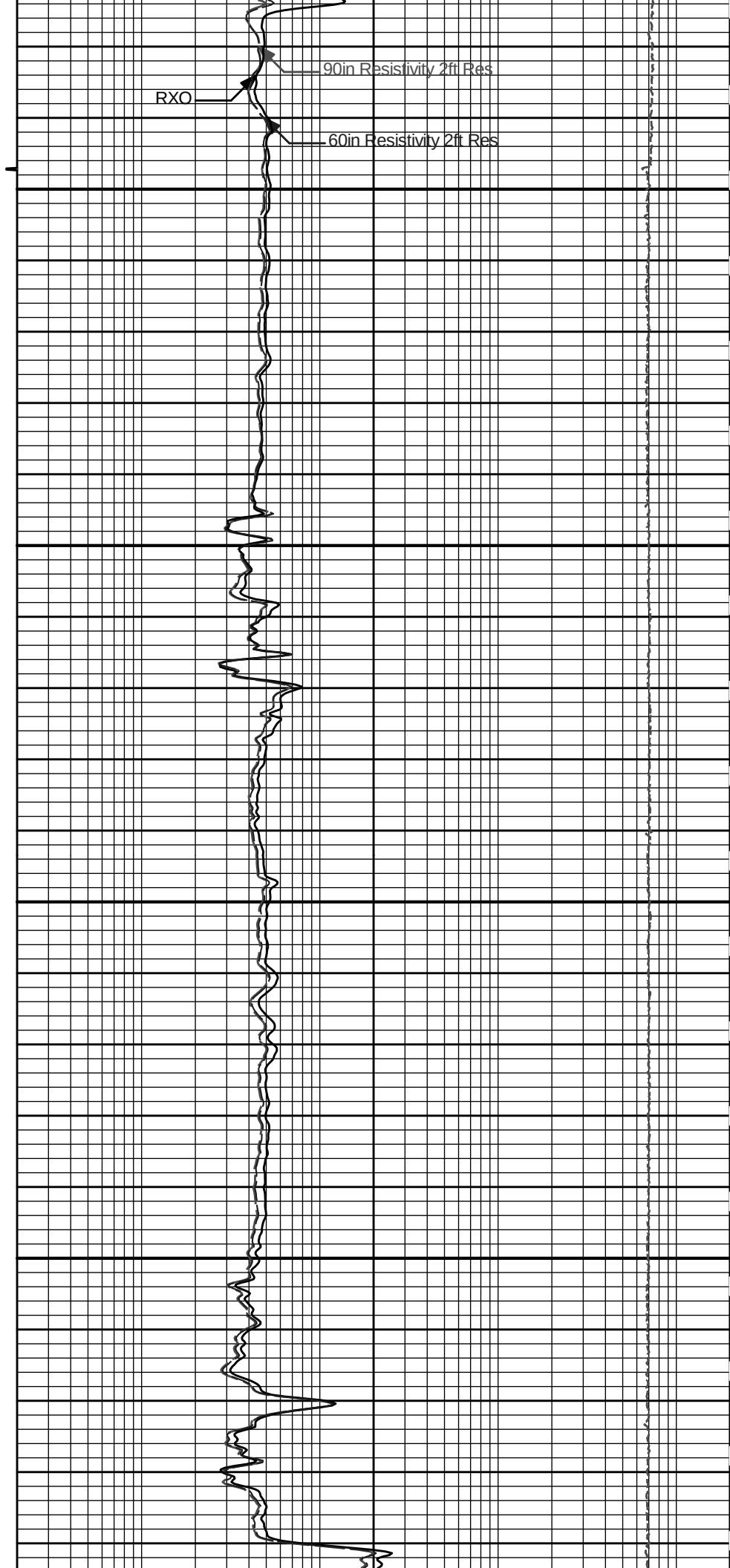
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2900

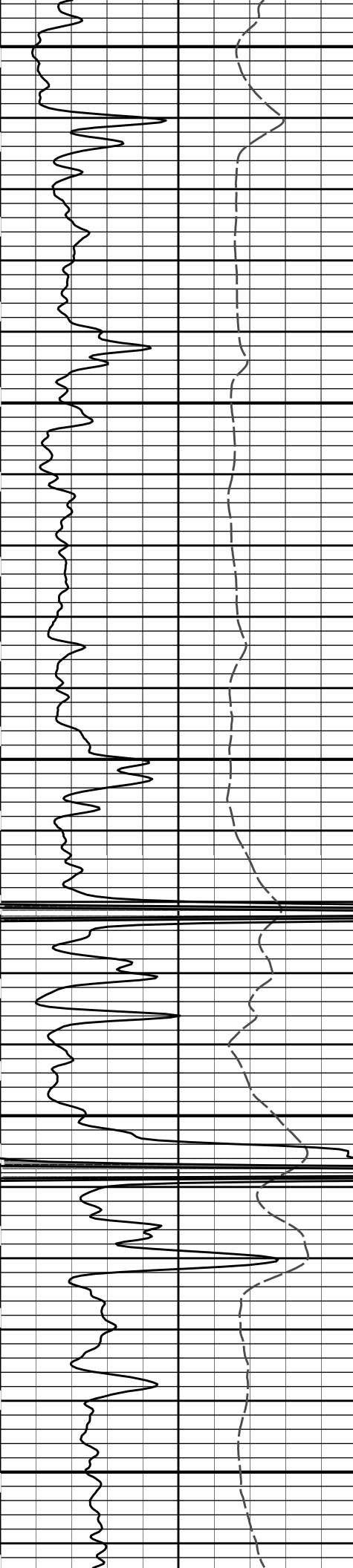
3000



RXO

90in Resistivity 2ft Res

60in Resistivity 2ft Res

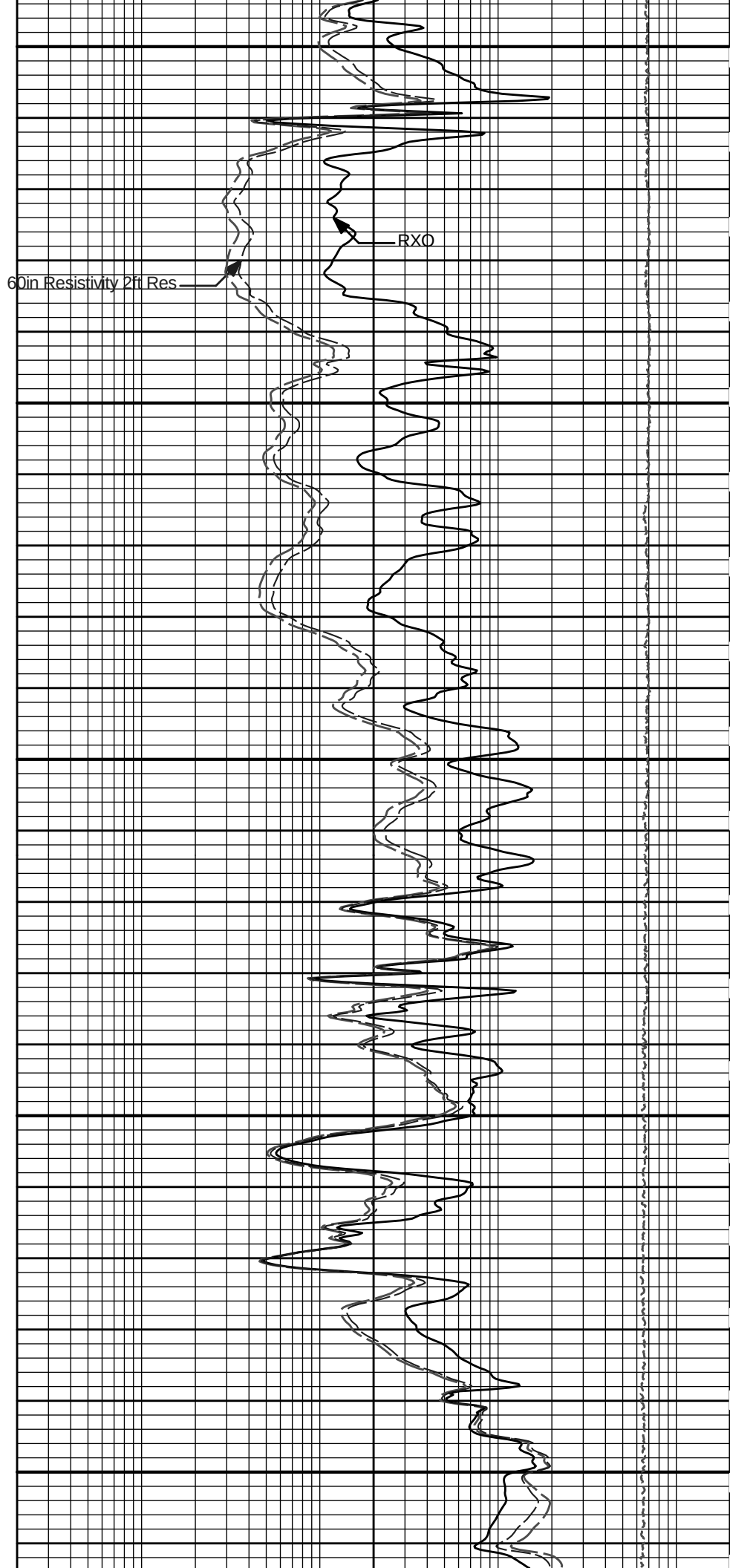


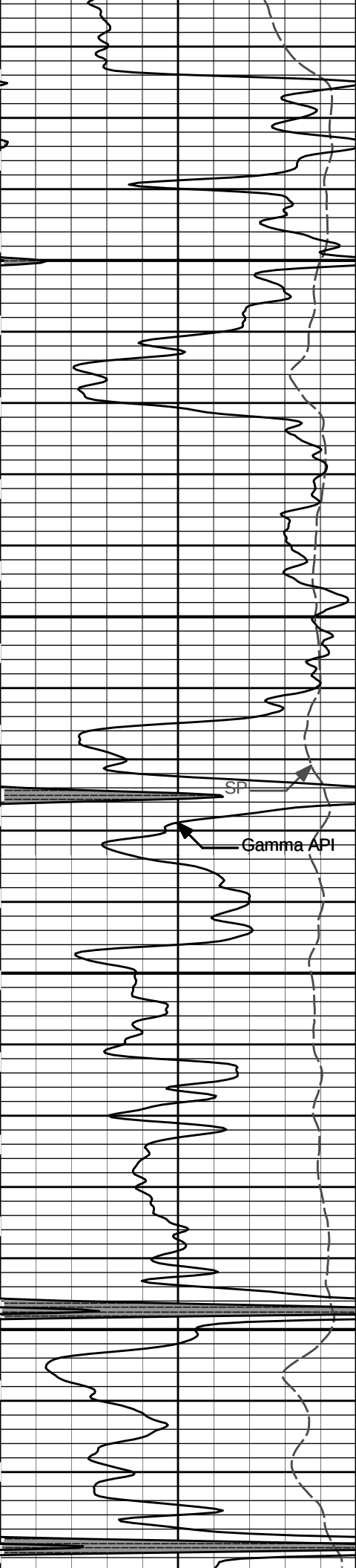
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3200

60in Resistivity 2ft Res

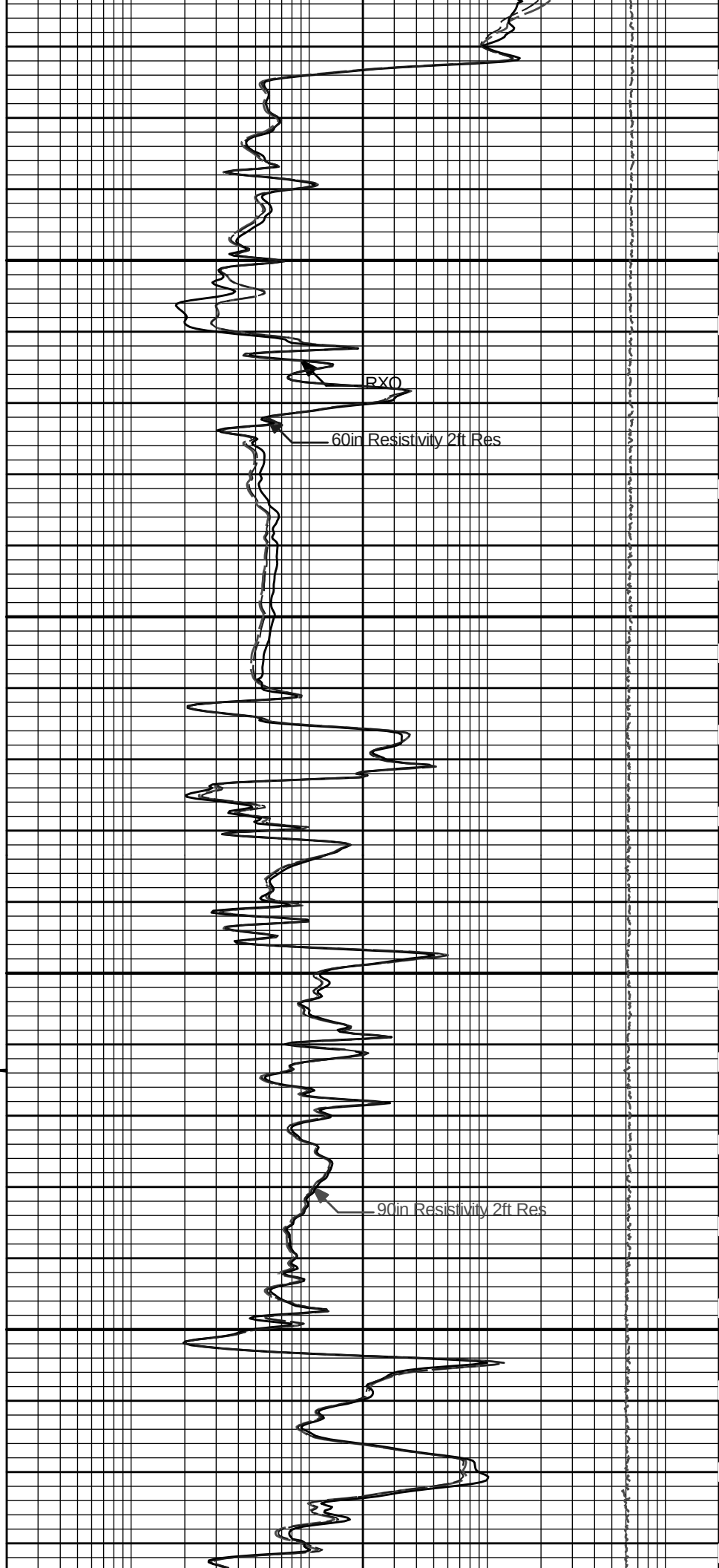
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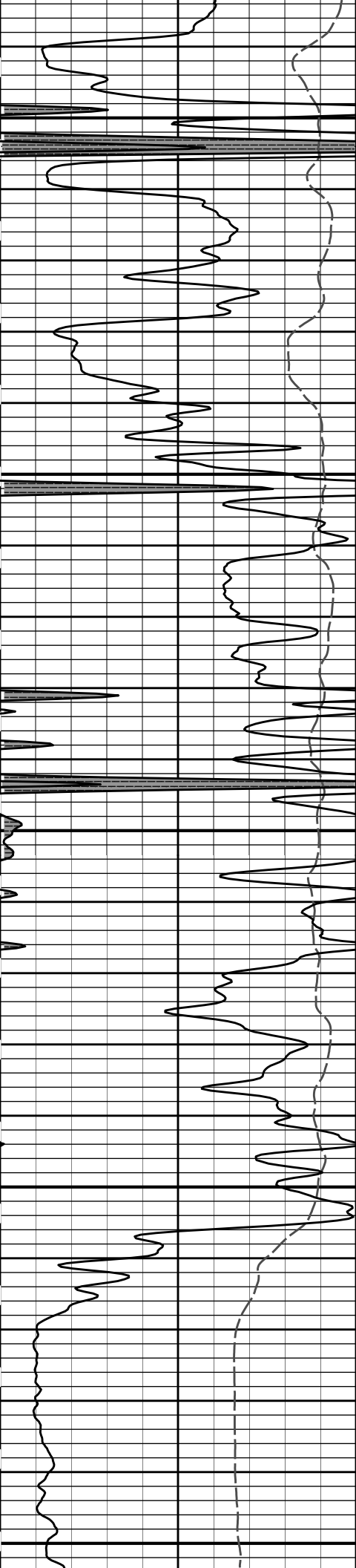




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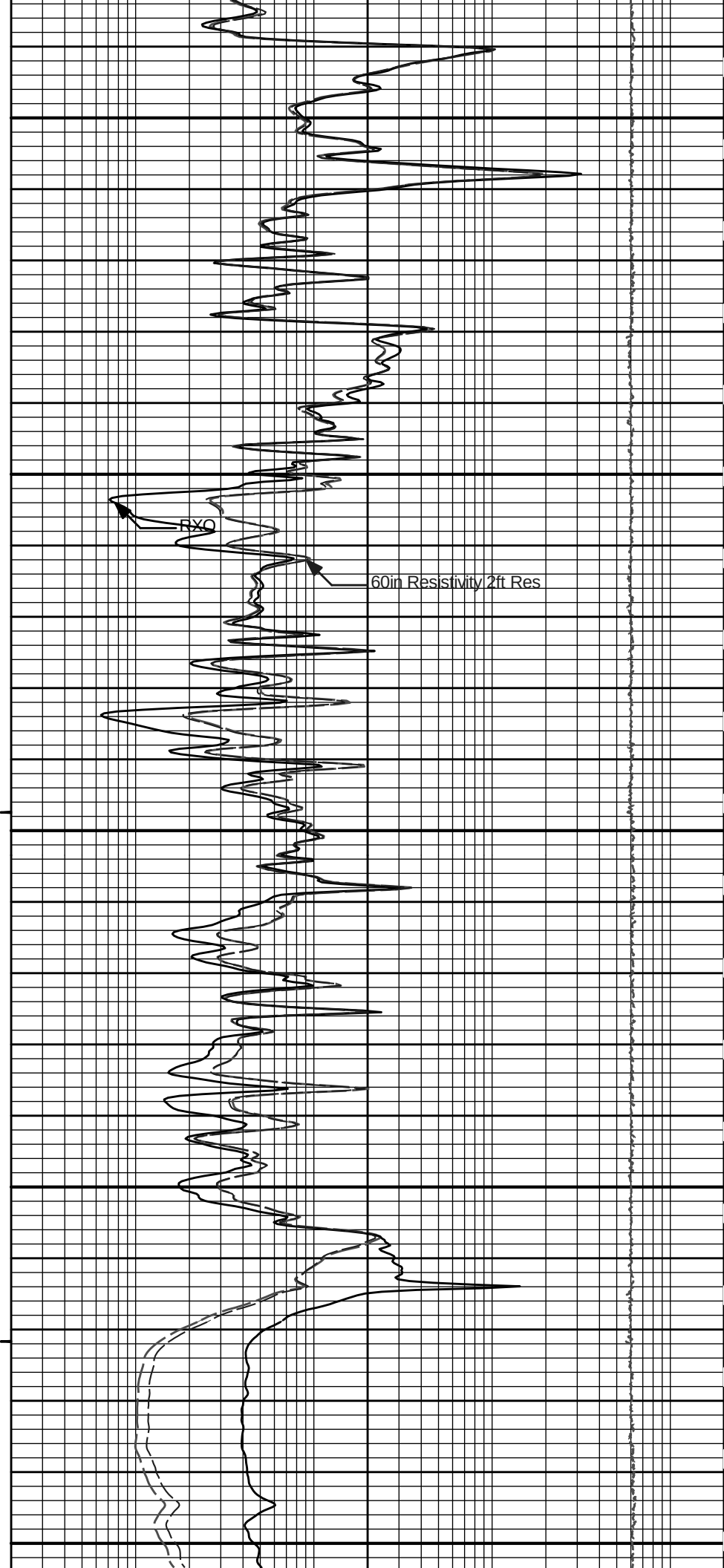




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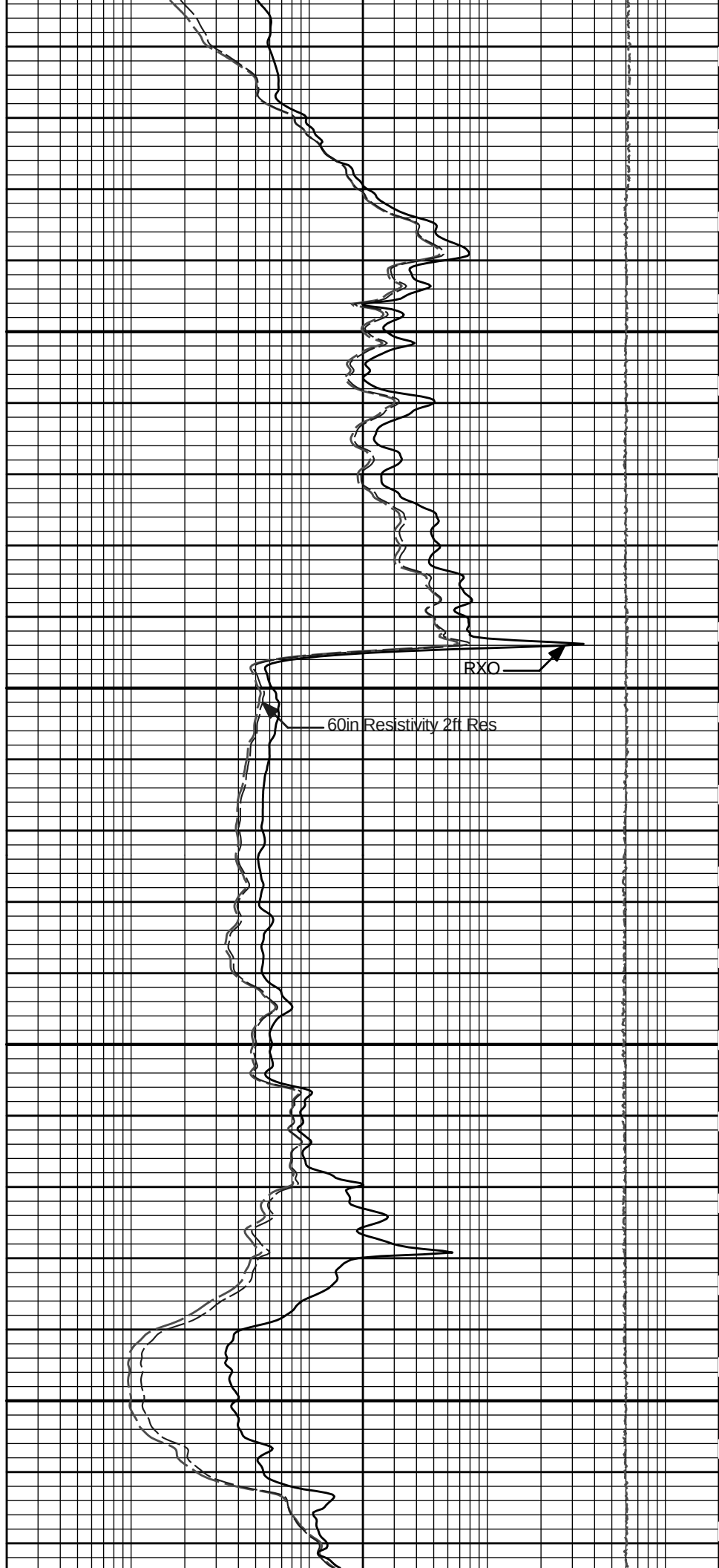
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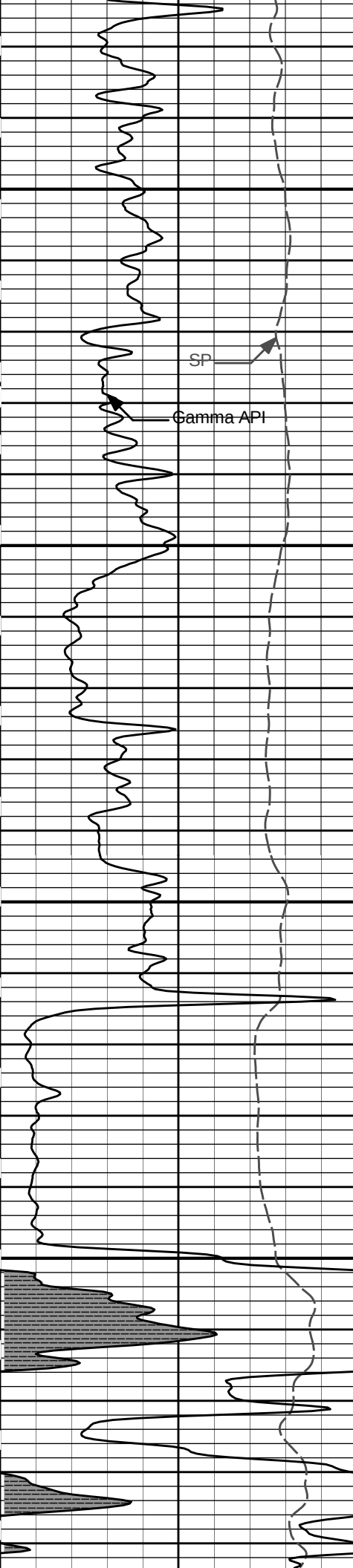




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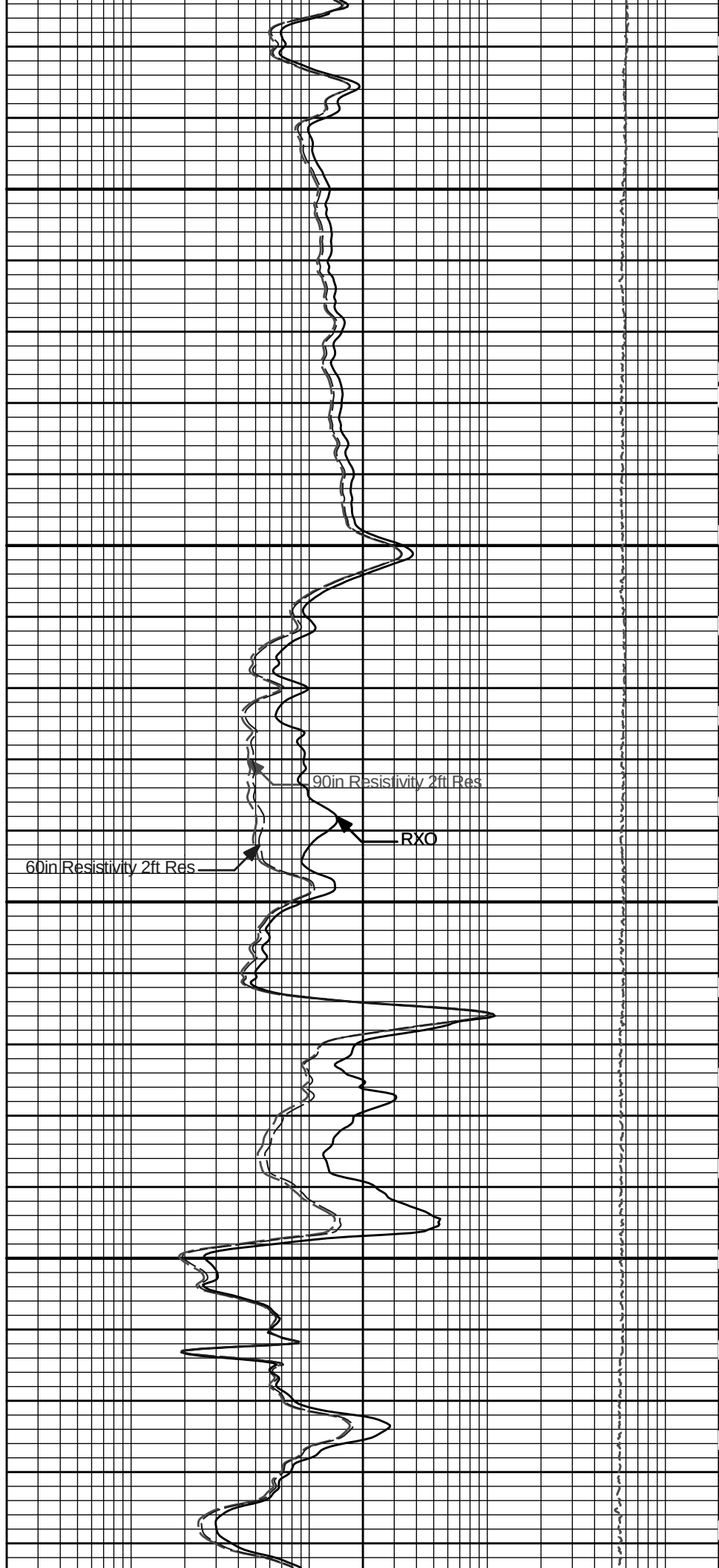
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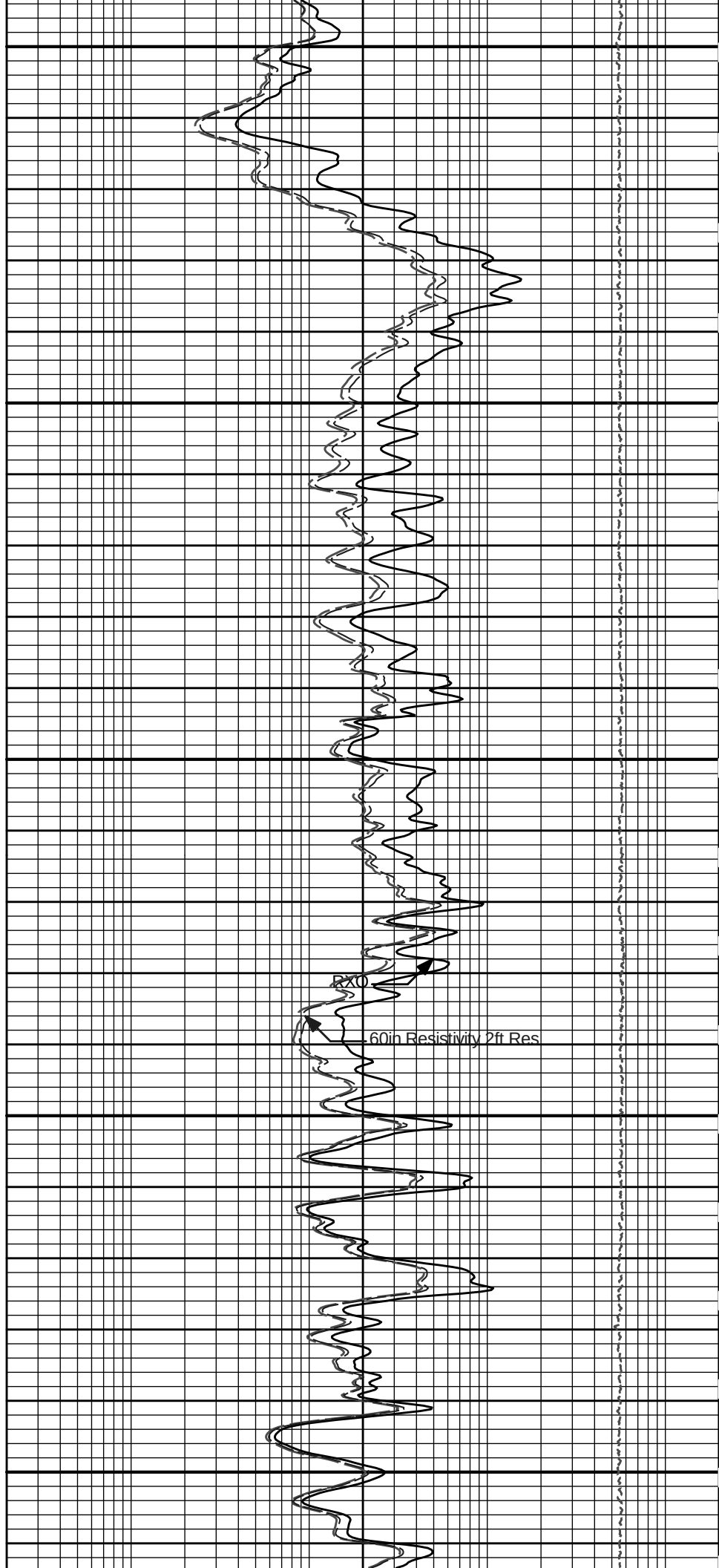
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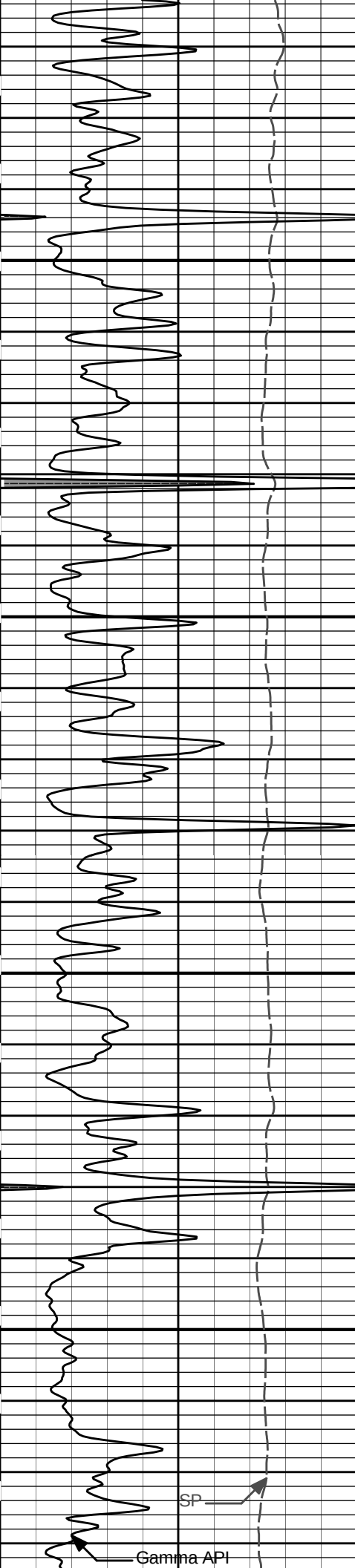




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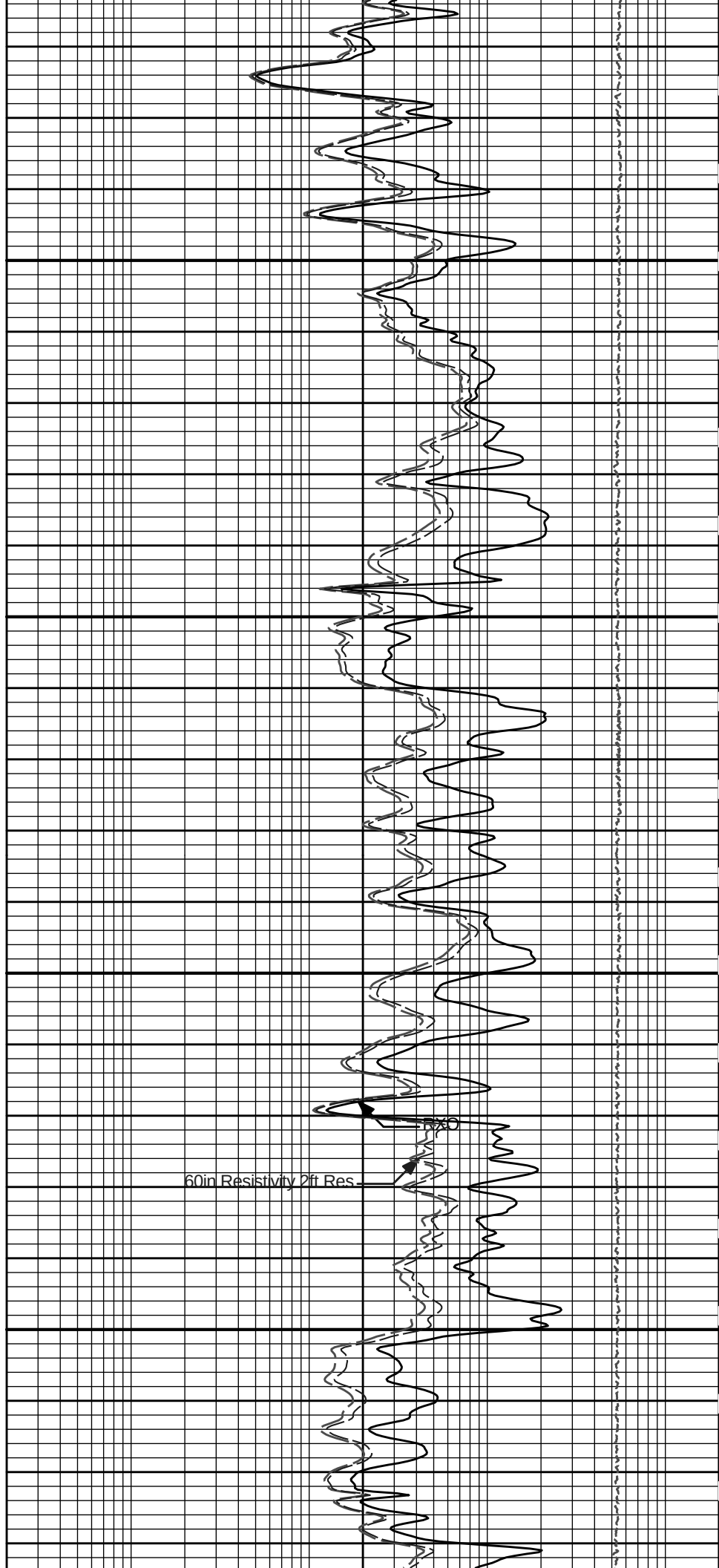
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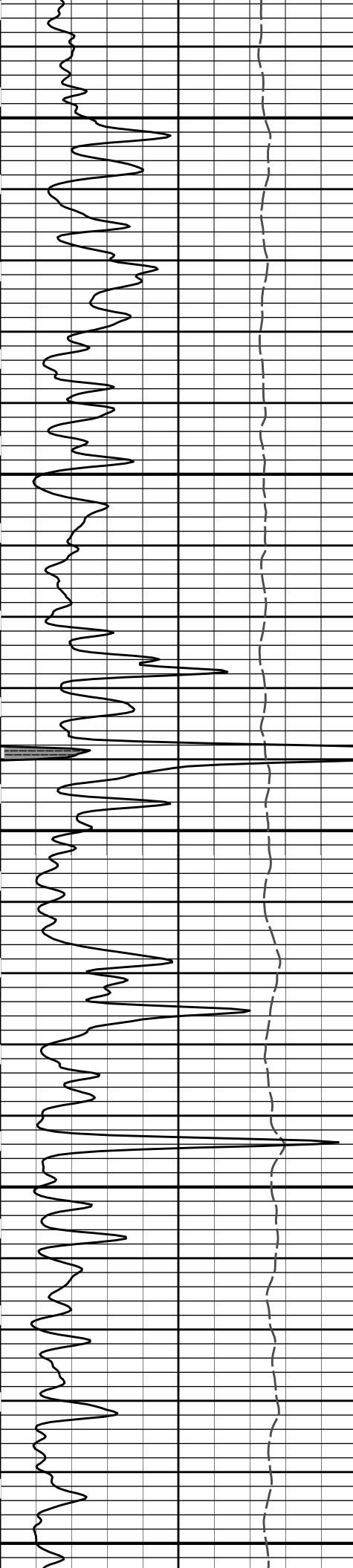


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4500



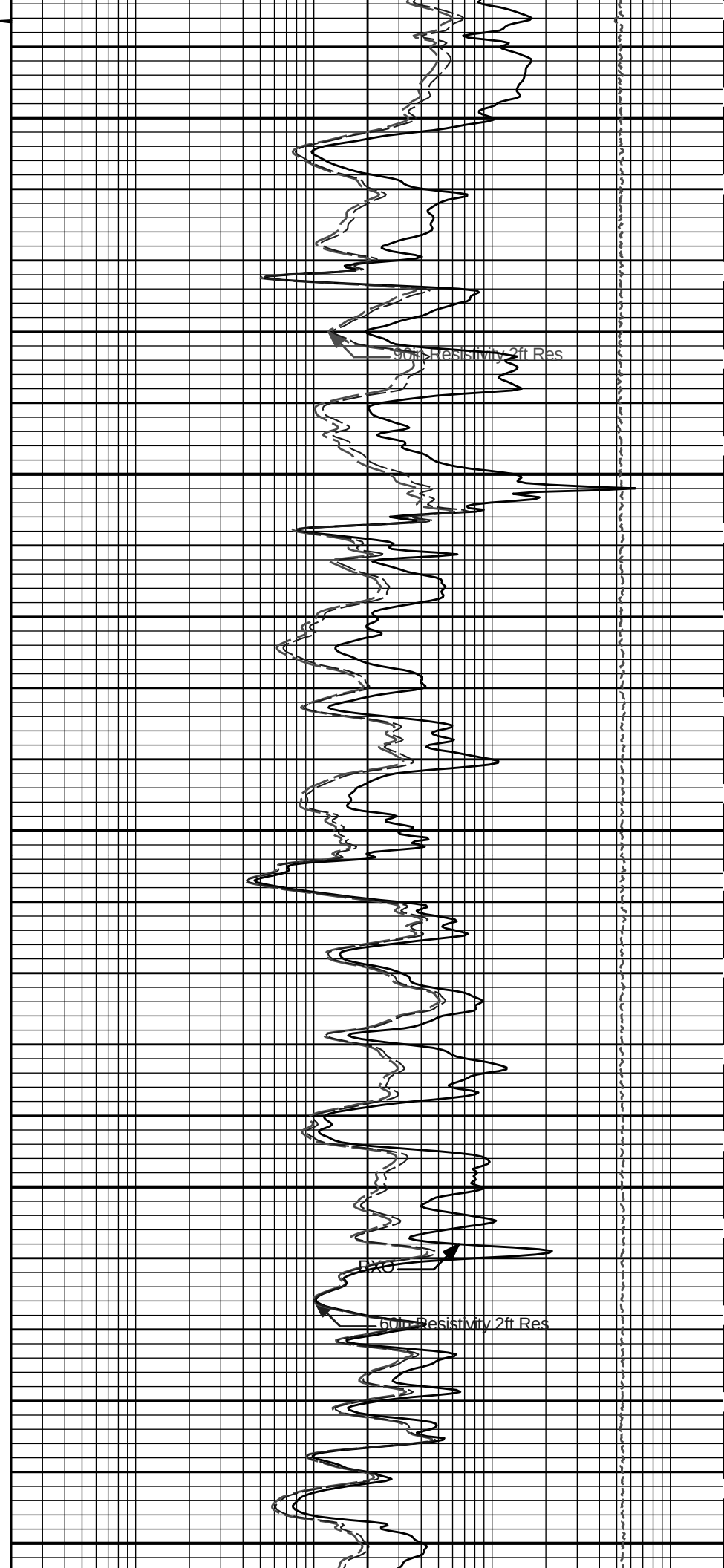
60in Resistivity 2ft Res



4600

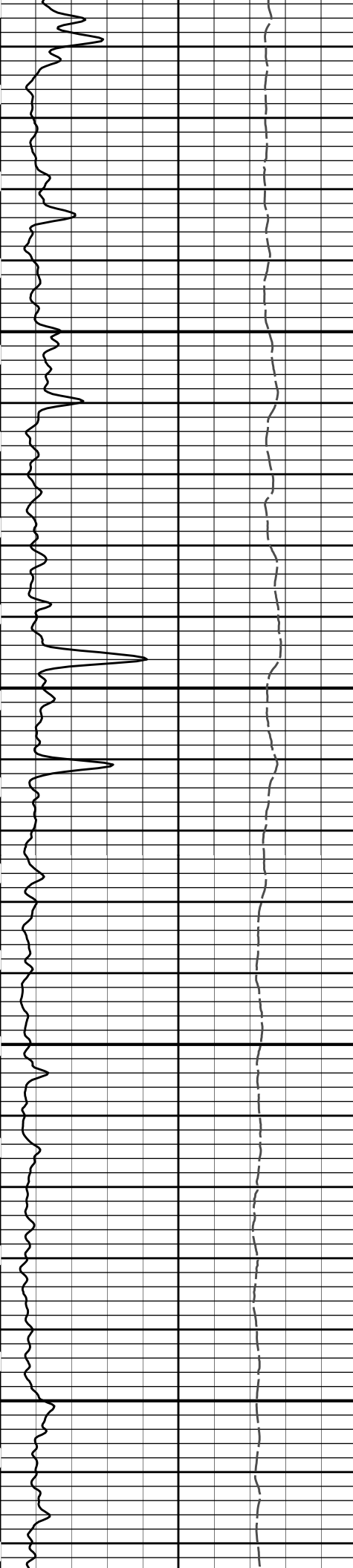
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4800



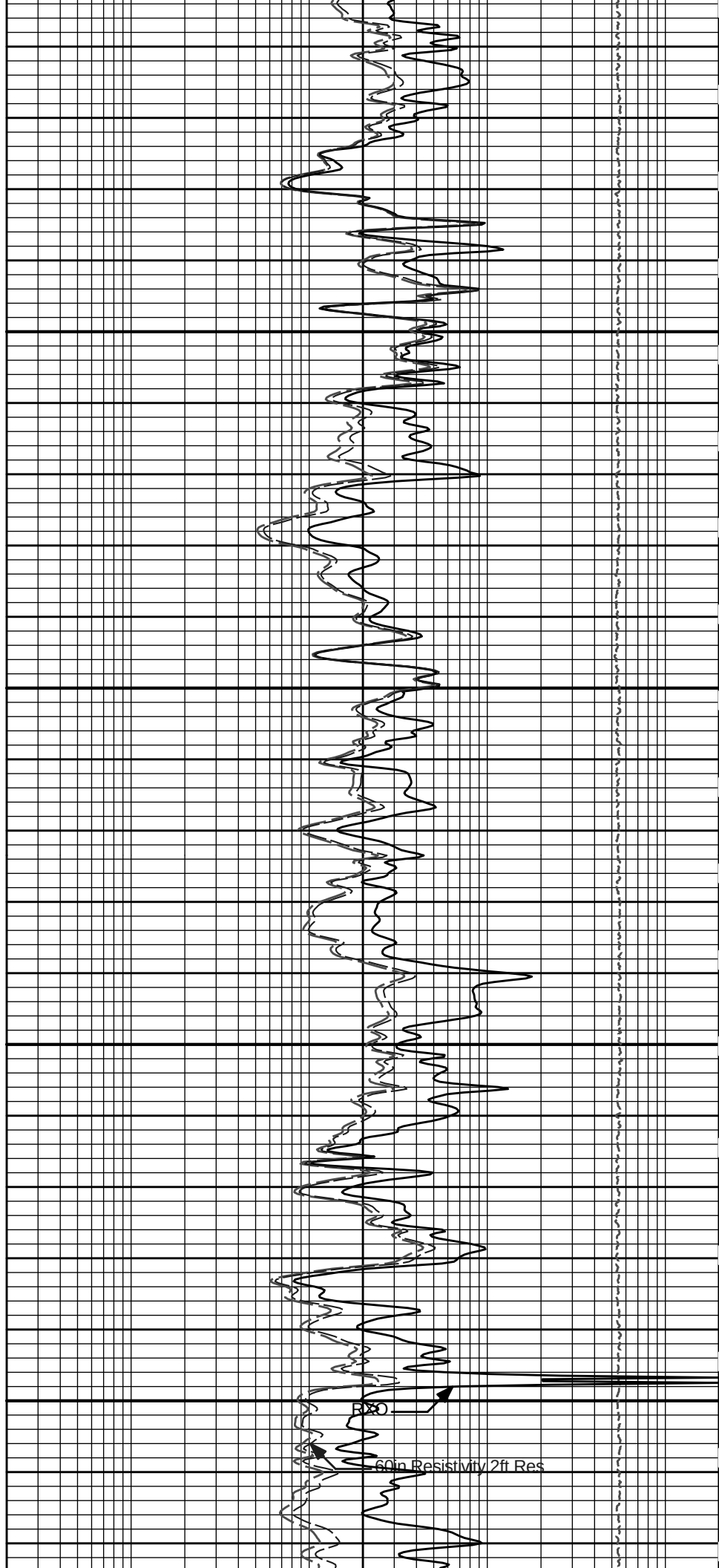
1000 Resistivity 2ft Res

1000 Resistivity 2ft Res



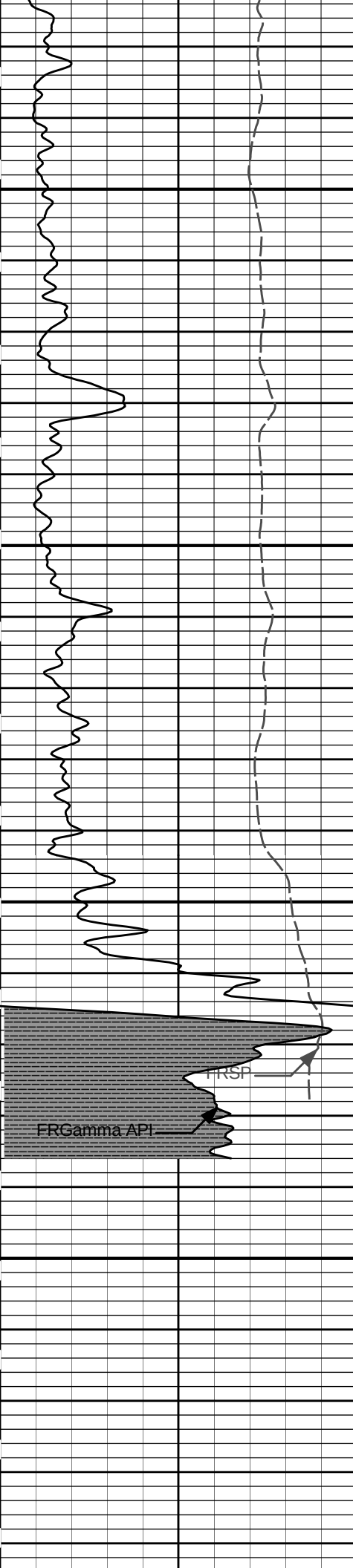
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5000



60

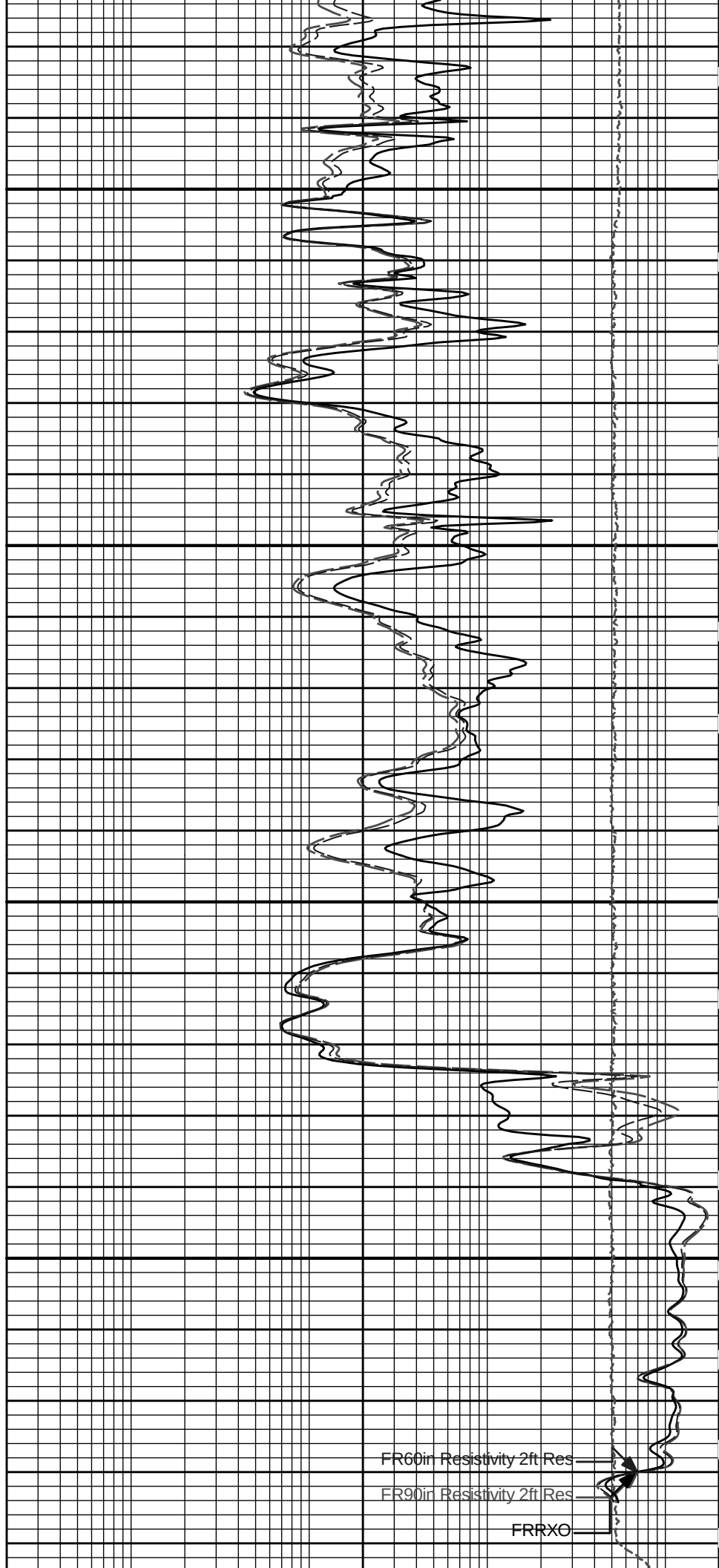
60in Resistivity/2ft Res



5100

5200

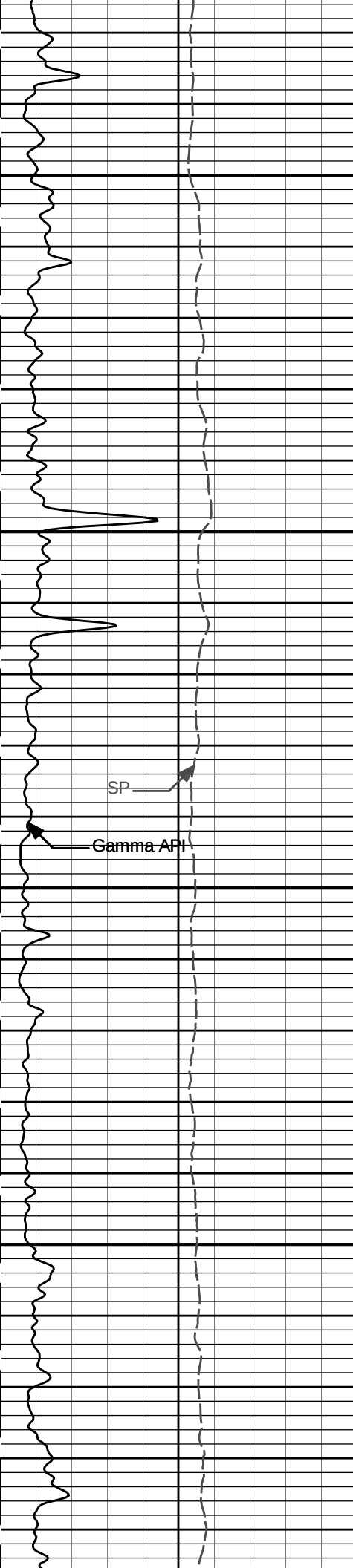
TD



FR60ir Resistivity 2ft Res

FR90ir Resistivity 2ft Res

FRRXO

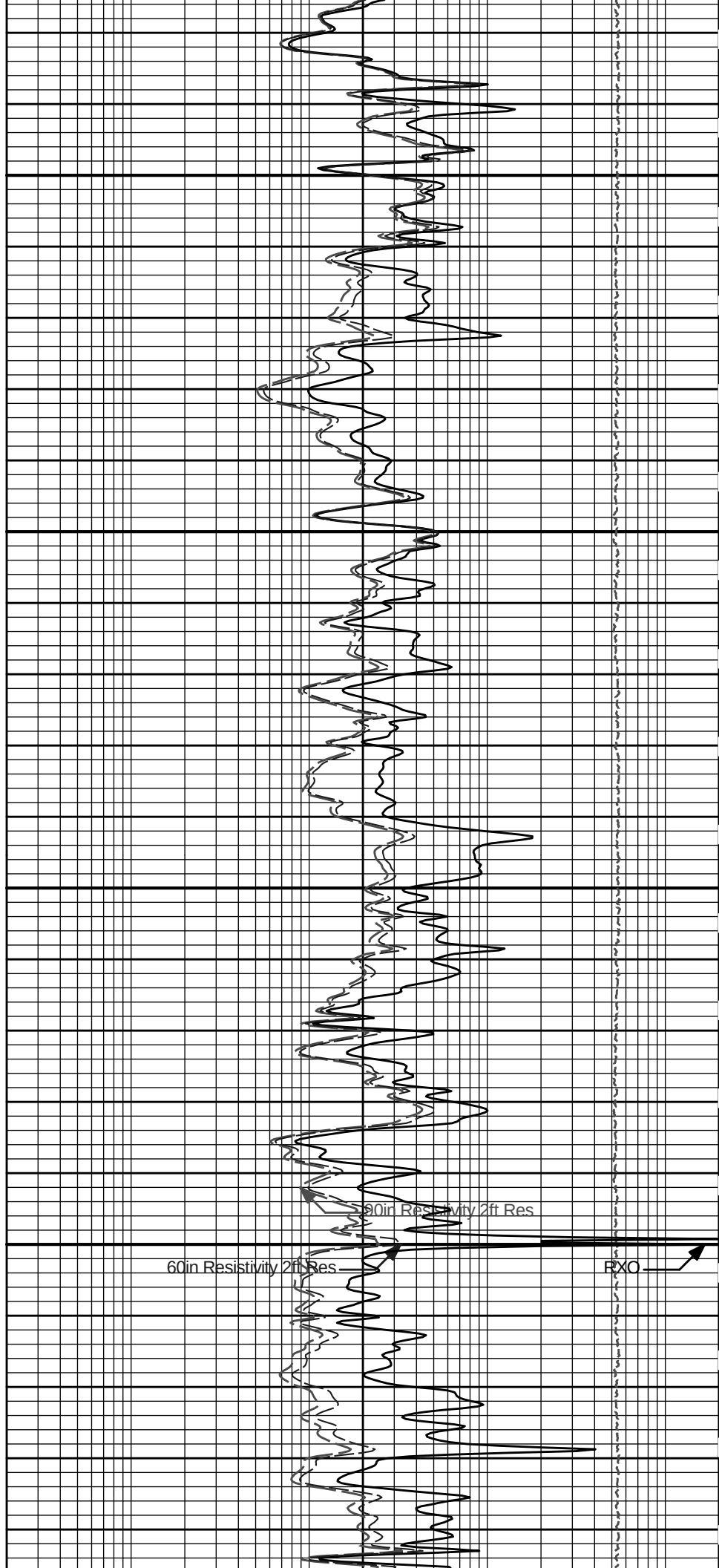


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SP

Gamma API

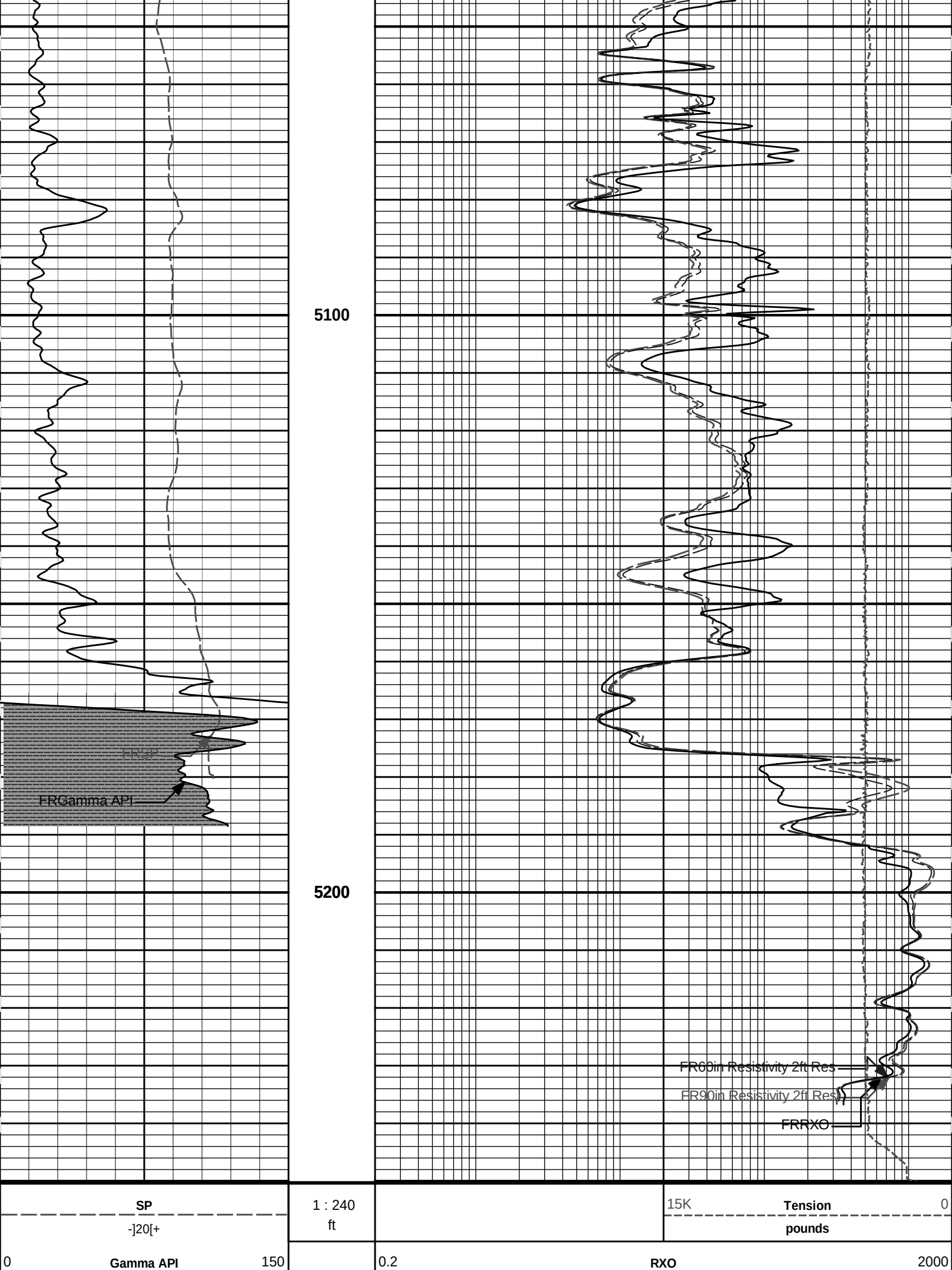
5000



90in Resistivity 2ft Res

60in Resistivity 2ft Res

FXO



5100

5200

SP

-]20[+

1 : 240
ft

15K

Tension
pounds

0

Gamma API

150

0.2

RXO

2000

FRSP

FRGamma API

FR60in Resistivity 2ft Res

FR90in Resistivity 2ft Res

FRRXO

api	ohmm
SHALE	0.2 60in Resistivity 2ft Res 2000
	ohmm
	0.2 90in Resistivity 2ft Res 2000
	ohmm

HALLIBURTON

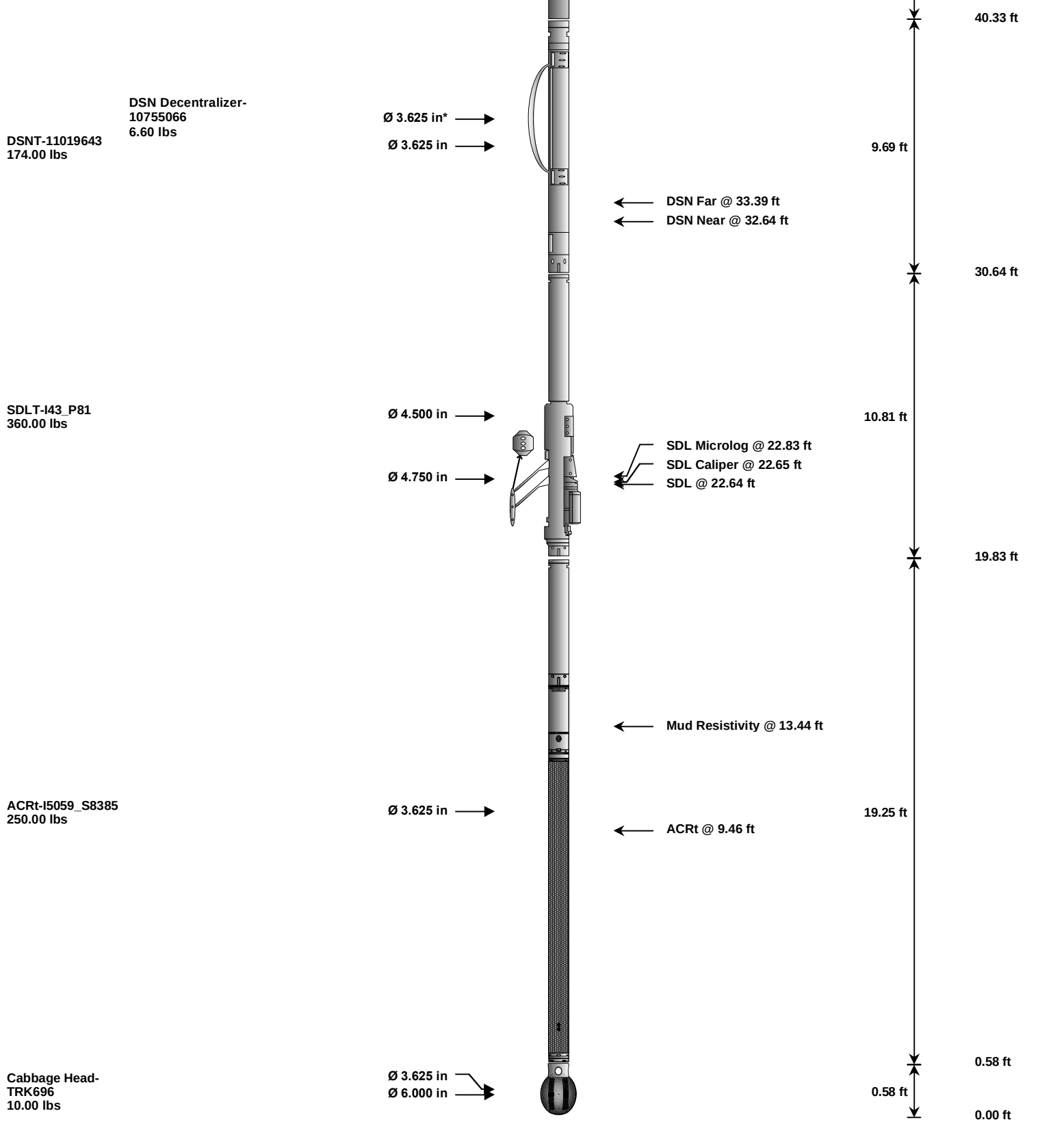
Plot Time: 09-Feb-11 16:57:42
Plot Range: 4750 ft to 5250.17 ft
Data: WELINGTN_KGS_R2\Well Based\DAQ-0001-001\
Plot File: \\-LOCAL-WELINGTN_KGS_R2\Well Based\ACRT\EOG_ACRT_5_REP_LIB

REPEAT SECTION

HALLIBURTON

TOOL STRING DIAGRAM REPORT

Description	Overbody Description	O.D.	Diagram	Sensors @ Delays	Length	Accumulated Length
CH_HOS-CH_696 37.50 lbs		Ø 2.750 in →		← Temperature @ 73.35 ft	3.03 ft	74.37 ft
XOHD-TRK696 20.00 lbs		Ø 2.750 in → Ø 3.625 in →			0.95 ft	71.35 ft
SP Sub-PROT01 60.00 lbs		Ø 3.625 in →		← SP @ 68.62 ft	3.74 ft	70.40 ft
						66.66 ft
GTET-11039640 165.00 lbs		Ø 3.625 in →		← GammaRay @ 60.59 ft	8.52 ft	58.14 ft
CSNG-10727964 114.00 lbs		Ø 3.625 in →		← CSNG @ 52.51 ft	8.17 ft	49.97 ft
		Ø 3.625 in →				
GEMT-I921_S893 300.00 lbs		Ø 4.900 in →		← BGO Crystal @ 42.49 ft	9.64 ft	



Mnemonic		Tool Name	Serial Number	Weight (lbs)	Length (ft)	Accumulated Length (ft)	Max.Log. Speed (fpm)
CH_HOS	Hostile Cable Head with Load Cell		CH_696	37.50	3.03	71.35	300.00
XOHD	Hostile to Dits Cross Over		TRK696	20.00	0.95	70.40	300.00
SP	SP Sub		PROT01	60.00	3.74	66.66	300.00
GTET	Gamma Telemetry Tool		11039640	165.00	8.52	58.14	60.00
CSNG	Compensated Spectral Natural Gamma		10727964	114.00	8.17	49.97	15.00
GEMT	Gamma, Elements and Minerals Tool		I921_S893	300.00	9.64	40.33	15.00
DSNT	Dual Spaced Neutron		11019643	174.00	9.69	30.64	60.00
DCNT	DSN Decentralizer		10755066	6.60	5.13	* 33.97	300.00
SDLT	Spectral Density Tool		I43_P81	360.00	10.81	19.83	60.00
ACRt	Array Compensated True Resistivity		I5059_S8385	250.00	19.25	0.58	300.00
CBHD	Cabbage Head		TRK696	10.00	0.58	0.00	300.00

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CALIBRATION REPORT

ARRAY COMPENSATED TRUE RESISTIVITY SHOP CALIBRATION

Tool Name:ACRt - I5059_S8385Reference Calibration Date:23-Dec-10 12:12:48

Engineer:J. BOSHCalibration Date:24-Jan-11 13:30:59

Software Version:WL INSITE R3.2.0 (Build 7)Calibration Version:1

TYPICAL GAIN RANGE

Subarray	R12KHz			R36KHz			R72KHz		
	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper
A1 (80")	0.95	1.0167	1.05	0.95	1.0227	1.05	0.95	1.0234	1.05
A2 (50")	0.95	1.0087	1.05	0.95	1.0147	1.05	0.95	1.0165	1.05
A3 (29")	0.95	0.9992	1.05	0.95	1.0049	1.05	0.95	1.0042	1.05
A4 (17")	0.95	1.0046	1.05	0.95	1.0073	1.05	0.95	1.0071	1.05
A5 (10")	N/A	N/A	N/A	0.95	0.9959	1.05	0.95	0.9951	1.05
A6 (6")	N/A	N/A	N/A	0.95	0.9815	1.05	0.95	0.9809	1.05

TYPICAL SONDE OFFSET RANGE

Subarray	R12KHz			R36KHz			R72KHz		
	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper
A1 (80")	-5	0.194	2	-6	-3.644	-2	-8	-4.981	-2
A2 (50")	-7	-2.569	-1	-6	-3.984	-2	-7	-4.398	-2
A3 (29")	-27	-12.678	-9	-9	-3.350	-3	-7	-2.493	-1
A4 (17")	-180	-102.284	-60	-45	-31.752	-15	-39	-25.512	-13
A5 (10")	N/A	N/A	N/A	-150	-80.935	-50	-80	-41.073	-10
A6 (6")	N/A	N/A	N/A	175	338.438	525	90	168.158	270

TRANSMITTER CURRENT GAIN

Signal	Lower	R	Upper
12K	0.6	0.8499	1.3
36K	1.0	1.3326	2.0
72K	1.0	1.6004	2.0

R-MUD VERIFICATION

Signal	Lower (ohm-m)	Measured (ohm-m)	Upper (ohm-m)
Mud Cell	0.95	1000.000	1.05

CALIBRATION SUMMARY

Sensor	Shop	Field	Post	Difference	Tolerance	Units
ACRt-I5059_S8385						
Mud Cell	1000.000	-----	-----	0.000	-----	ohm-m

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PARAMETERS REPORT

Depth	Tool Joint	Measured	Resistivity	Mud	Units
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Tool Name	Mnemonic	Description	Value	Units
TOP				
SHARED	BS	Bit Size	7.875	in
SHARED	UBS	Use Bit Size instead of Caliper for all applications.	No	
SHARED	MDBS	Mud Base	Water	
SHARED	MDWT	Borehole Fluid Weight	9.000	ppg
SHARED	WAGT	Weighting Agent	Barite	
SHARED	BSAL	Borehole salinity	0.00	ppm
SHARED	FSAL	Formation Salinity NaCl	0.00	ppm
SHARED	KPCT	Percent K in Mud by Weight?	0.00	%
SHARED	RMUD	Mud Resistivity	0.650	ohmm
SHARED	TRM	Temperature of Mud	75.0	degF
SHARED	CSD	Logging Interval is Cased?	No	
SHARED	ICOD	AHV Casing OD	5.500	in
SHARED	ST	Surface Temperature	75.0	degF
SHARED	TD	Total Well Depth	5242.00	ft
SHARED	BHT	Bottom Hole Temperature	120.0	degF
SHARED	SVTM	Navigation and Survey Master Tool	NONE	
SHARED	AZTM	High Res Z Accelerometer Master Tool	GTET	
SHARED	TEMM	Temperature Master Tool	NONE	
SHARED	BHSM	Borehole Size Master Tool	NONE	
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	0.55	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	
GTET	GROK	Process Gamma Ray?	Yes	
GTET	GRSO	Gamma Tool Standoff	0.000	in
GTET	GEOK	Process Gamma Ray EVR?	No	
GTET	TPOS	Tool Position	Centered	
CSNG	CGOK	Process CSNG Data?	Yes	
CSNG	CENT	Is Tool Centralized?	No	
CSNG	GBOK	Gamma Enviromental Corrections?	Yes	
CSNG	BARF	Barite Correction Factor	1.00	
GEMT	GMOK	Compute GEMT Results?	Yes	
GEMT	FTAL	Fit Chemical Element Al	Yes	
GEMT	FTBA	Fit Chemical Element Ba	No	
GEMT	FITC	Fit Chemical Element C	Yes	
GEMT	FTCA	Fit Chemical Element Ca	Yes	
GEMT	FTCL	Fit Chemical Element Cl	Yes	
GEMT	FTFE	Fit Chemical Element Fe	Yes	
GEMT	FTGD	Fit Chemical Element Gd	Yes	
GEMT	FITH	Fit Chemical Element H	Yes	
GEMT	FTK	Fit Chemical Element K	Yes	
GEMT	FTMG	Fit Chemical Element Mg	Yes	
GEMT	FTMN	Fit Chemical Element Mn	Yes	
GEMT	FTNA	Fit Chemical Element Na	No	
GEMT	FITO	Fit Chemical Element O	Yes	

GEMT	FTS	Fit Chemical Element S	Yes	
GEMT	FTSI	Fit Chemical Element SI	Yes	
GEMT	FTTI	Fit Chemical Element Ti	Yes	
GEMT	KFIT	Potassium constraint flag (No = don't fit,Yes = fit)	Yes	
GEMT	UFDF	Use Fix Resolution Degradation Factor	No	
DSNT	DNOK	Process DSN?	Yes	
DSNT	DEOK	Process DSN EVR?	No	
DSNT	NLIT	Neutron Lithology	Limestone	
DSNT	DNSO	DSN Standoff - 0.25 in (6.35 mm) Recommended	0.300	in
DSNT	DNTP	Temperature Correction Type	None	
DSNT	DPRS	DSN Pressure Correction Type	None	
DSNT	SHCO	View More Correction Options	No	
DSNT	UTVD	Use TVD for Gradient Corrections?	No	
DSNT	LHWT	Logging Horizontal Water Tank?	No	
SDLT	DNOK	Process Density?	Yes	
SDLT	DNOK	Process Density EVR?	No	
SDLT	CB	Logging Calibration Blocks?	No	
SDLT	SPVT	SDLT Pad Temperature Valid?	Yes	
SDLT	DTWN	Disable temperature warning	No	
SDLT	DMA	Formation Density Matrix	2.710	g/cc
SDLT	DFL	Formation Density Fluid	1.000	g/cc
SDLT	CLOK	Process Caliper Outputs?	Yes	
SDLT	MLOK	Process MicroLog Outputs?	Yes	
ACRt	RTOK	Process ACRt?	Yes	
ACRt	MNSO	Minimum Tool Standoff	1.50	in
ACRt	TCS1	Temperature Correction Source	FP Lwr & FP Up	
ACRt	TPOS	Tool Position	Free Hanging	
ACRt	RMOP	Rmud Source	Mud Cell	
ACRt	RMIN	Minimum Resistivity for MAP	0.20	ohmm
ACRt	RMIN	Maximum Resistivity for MAP	200.00	ohmm
ACRt	THQY	Threshold Quality	0.50	

BOTTOM

Data: WELINGTN_KGS_R2I0001 SP-GTET-CSNG-GEM-DSN-SDL-ACRT-CHIDLE

Date: 09-Feb-11 06:07:06

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INPUTS, DELAYS AND FILTERS TABLE

Mnemonic	Input Description	Delay (ft)	Filter Type	Filter Length (ft)
Depth Panel				
TENS	Tension	0.00	NO	
CH_HOS				
DHTN	DownholeTension	0.00	BLK	0.000
SP Sub				
PLTC	Plot Control Mask	68.62	NO	
SP	Spontaneous Potential	68.62	BLK	1.250
SPR	Raw Spontaneous Potential	68.62	NO	
SPO	Spontaneous Potential Offset	68.62	NO	
GTET				
TPUL	Tension Pull	60.59	NO	
GR	Natural Gamma Ray API	60.59	TRI	1.750

GRU	Natural Gamma Ray API	60.59	NO	
EGR	Natural Gamma Ray API with Enhanced Vertical Resolution	60.59	W	1.416 , 0.750
ACCZ	Accelerometer Z	0.00	BLK	0.083
DEVI	Inclination	0.00	NO	
CSNG				
TPUL	Tension Pull	52.51	NO	
STAT	Status	52.51	NO	
FRMC	Tool Frame Count	52.51	BLK	0.250
TFRM	Total Frames	52.51	NO	
LSPD	Line Speed	52.51	BLK	0.250
CTIM	Accumulation time for sample	52.51	BLK	0.250
NOIS	Spectral Noise	52.51	BLK	0.250
STAB	Stabilizer Voltage in mv	52.51	BLK	0.250
STBP	Stabilizer 60 KEV Peak	52.51	BLK	0.250
AMER	Americium	52.51	BLK	0.250
FTMP	Flask PCB Temperature	52.51	BLK	0.250
SPEL	Low Energy Spectrum	52.51	BLK	0.250
SPEH	High Energy Spectrum	52.51	BLK	0.250
SSP	Stabilization Energy Spectrum	52.51	BLK	0.250
CSPC	CSNG Lo Hi Spectrum Data	52.51	NO	
GEMT				
TPUL	Tension Pull	42.49	NO	
FRMC	Tool Frame Count	42.49	NO	
TFRM	Total Frames	42.49	NO	
LSPD	Line Speed	42.49	NO	
ATIM	Accumulation time for sample	42.49	NO	
CTIM	Accumulation time for single frame	42.49	NO	
STAT	Status	42.49	NO	
PHMI	Photomultiplier Current	42.49	NO	
PHVT	Photomultiplier Voltage	42.49	NO	
FTMP	Flask PCB Temperature	42.49	NO	
GSP	GEMT Spectrum	42.49	NO	
DSNT				
TPUL	Tension Pull	32.54	NO	
RNDS	Near Detector Telemetry Counts	32.64	BLK	1.417
RFDS	Far Detector Telemetry Counts	33.39	TRI	0.583
DNTT	DSN Tool Temperature	32.64	NO	
DSNS	DSN Tool Status	32.54	NO	
ERND	Near Detector Telemetry Counts EVR	32.64	BLK	0.000
ERFD	Far Detector Telemetry Counts EVR	33.39	BLK	0.000
ENTM	DSN Tool Temperature EVR	32.64	NO	
SDLT				
TPUL	Tension Pull	22.64	NO	
NAB	Near Above	22.46	BLK	0.920
NHI	Near Cesium High	22.46	BLK	0.920
NLO	Near Cesium Low	22.46	BLK	0.920
NVA	Near Valley	22.46	BLK	0.920
NBA	Near Barite	22.46	BLK	0.920
NDE	Near Density	22.46	BLK	0.920
NPK	Near Peak	22.46	BLK	0.920
NLI	Near Lithology	22.46	BLK	0.920
NBAU	Near Barite Unfiltered	22.46	BLK	0.250

NLIU	Near Lithology Unfiltered	22.46	BLK	0.250
FAB	Far Above	22.81	BLK	0.250
FHI	Far Cesium High	22.81	BLK	0.250
FLO	Far Cesium Low	22.81	BLK	0.250
FVA	Far Valley	22.81	BLK	0.250
FBA	Far Barite	22.81	BLK	0.250
FDE	Far Density	22.81	BLK	0.250
FPK	Far Peak	22.81	BLK	0.250
FLI	Far Lithology	22.81	BLK	0.250
PTMP	Pad Temperature	22.65	BLK	0.920
NHV	Near Detector High Voltage	19.83	NO	
FHV	Far Detector High Voltage	19.83	NO	
ITMP	Instrument Temperature	19.83	NO	
DDHV	Detector High Voltage	19.83	NO	
TPUL	Tension Pull	22.65	NO	
PCAL	Pad Caliper	22.65	TRI	0.250
ACAL	Arm Caliper	22.65	TRI	0.250
TPUL	Tension Pull	22.83	NO	
MINV	Microlog Lateral	22.83	BLK	0.750
MNOR	Microlog Normal	22.83	BLK	0.750

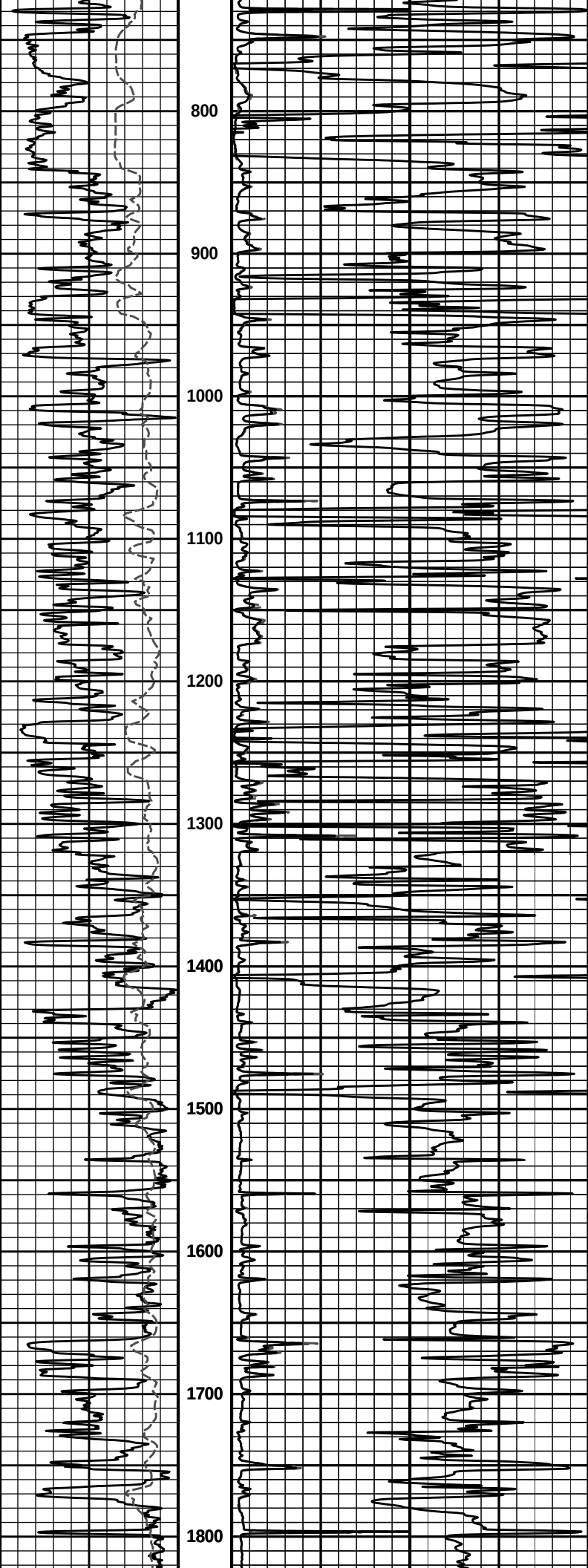
ACRt				
TPUL	Tension Pull	2.97	NO	
F1R1	ACRT 12KHz - 80in R value	9.22	BLK	0.000
F1X1	ACRT 12KHz - 80in X value	9.22	BLK	0.000
F1R2	ACRT 12KHz - 50in R value	6.72	BLK	0.000
F1X2	ACRT 12KHz - 50in X value	6.72	BLK	0.000
F1R3	ACRT 12KHz - 29in R value	5.22	BLK	0.000
F1X3	ACRT 12KHz - 29in X value	5.22	BLK	0.000
F1R4	ACRT 12KHz - 17in R value	4.22	BLK	0.000
F1X4	ACRT 12KHz - 17in X value	4.22	BLK	0.000
F1R5	ACRT 12KHz - 10in R value	3.72	BLK	0.000
F1X5	ACRT 12KHz - 10in X value	3.72	BLK	0.000
F1R6	ACRT 12KHz - 6in R value	3.47	BLK	0.000
F1X6	ACRT 12KHz - 6in X value	3.47	BLK	0.000
F2R1	ACRT 36KHz - 80in R value	9.22	BLK	0.000
F2X1	ACRT 36KHz - 80in X value	9.22	BLK	0.000
F2R2	ACRT 36KHz - 50in R value	6.72	BLK	0.000
F2X2	ACRT 36KHz - 50in X value	6.72	BLK	0.000
F2R3	ACRT 36KHz - 29in R value	5.22	BLK	0.000
F2X3	ACRT 36KHz - 29in X value	5.22	BLK	0.000
F2R4	ACRT 36KHz - 17in R value	4.22	BLK	0.000
F2X4	ACRT 36KHz - 17in X value	4.22	BLK	0.000
F2R5	ACRT 36KHz - 10in R value	3.72	BLK	0.000
F2X5	ACRT 36KHz - 10in X value	3.72	BLK	0.000
F2R6	ACRT 36KHz - 6in R value	3.47	BLK	0.000
F2X6	ACRT 36KHz - 6in X value	3.47	BLK	0.000
F3R1	ACRT 72KHz - 80in R value	9.22	BLK	0.000
F3X1	ACRT 72KHz - 80in X value	9.22	BLK	0.000
F3R2	ACRT 72KHz - 50in R value	6.72	BLK	0.000
F3X2	ACRT 72KHz - 50in X value	6.72	BLK	0.000
F3R3	ACRT 72KHz - 29in R value	5.22	BLK	0.000
F3X3	ACRT 72KHz - 29in X value	5.22	BLK	0.000
F3R4	ACRT 72KHz - 17in R value	4.22	BLK	0.000
F3X4	ACRT 72KHz - 17in X value	4.22	BLK	0.000
F3R5	ACRT 72KHz - 10in R value	3.72	BLK	0.000

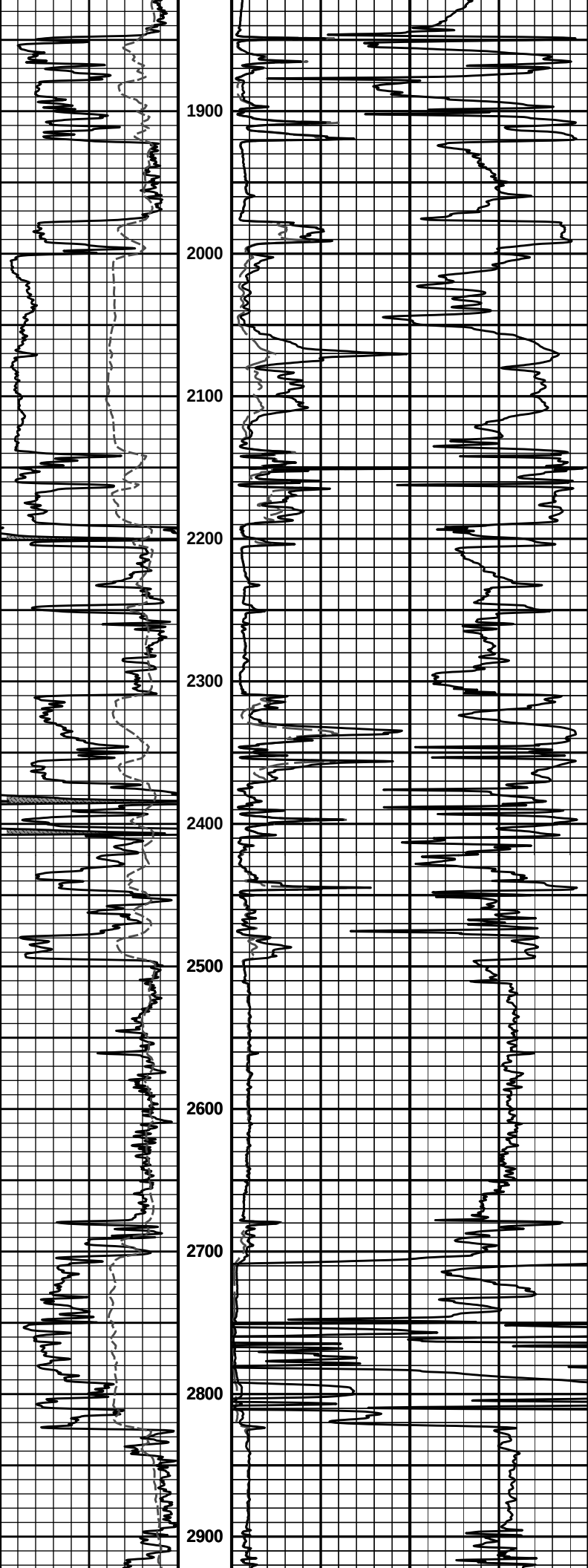
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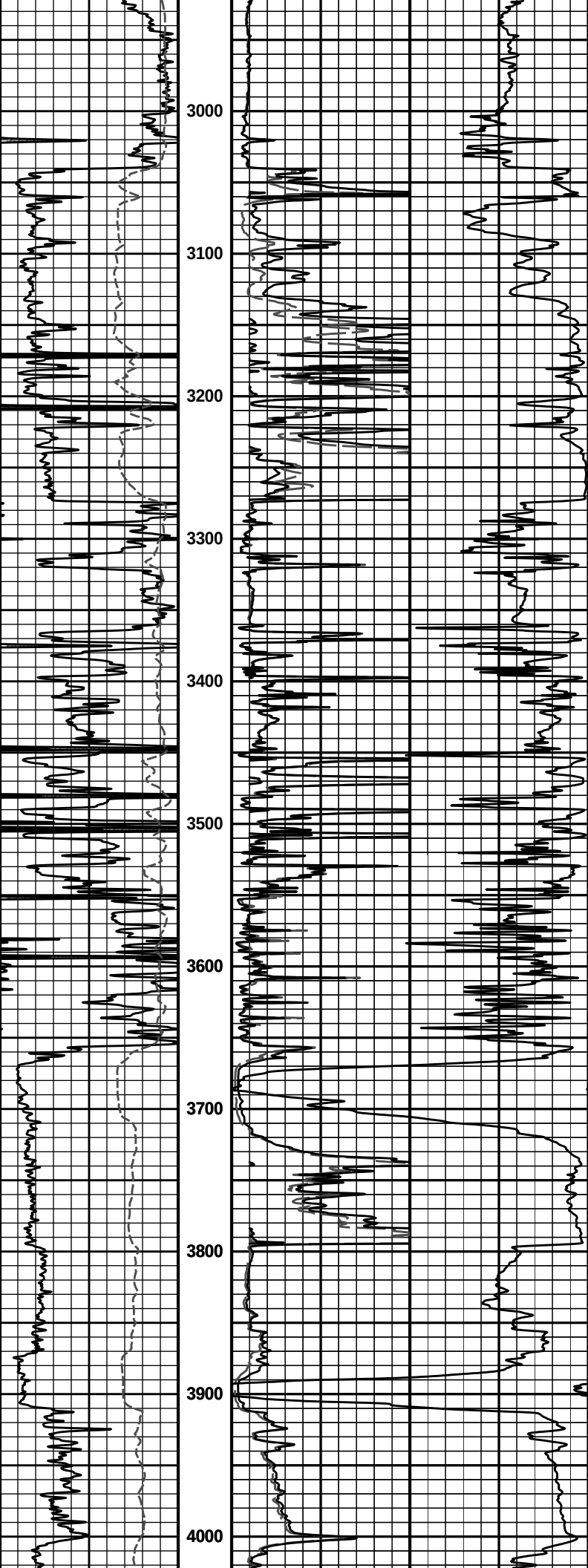
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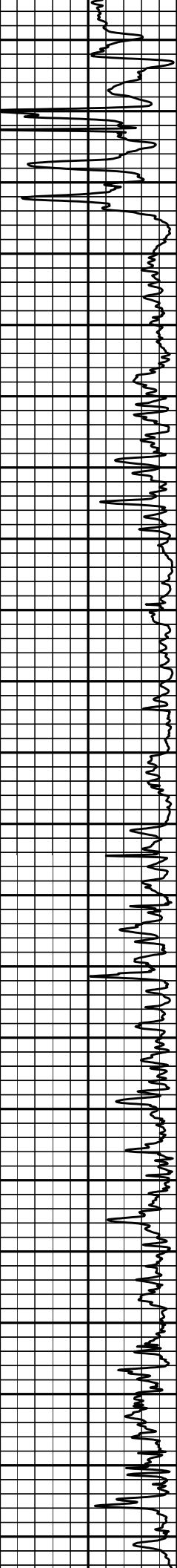
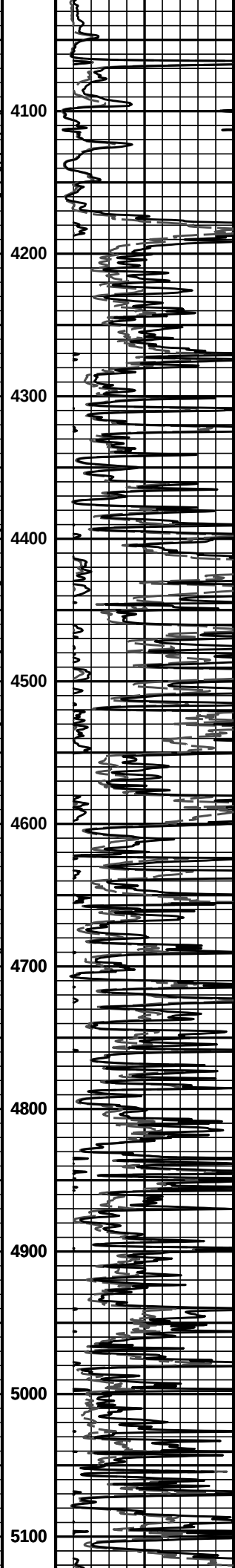
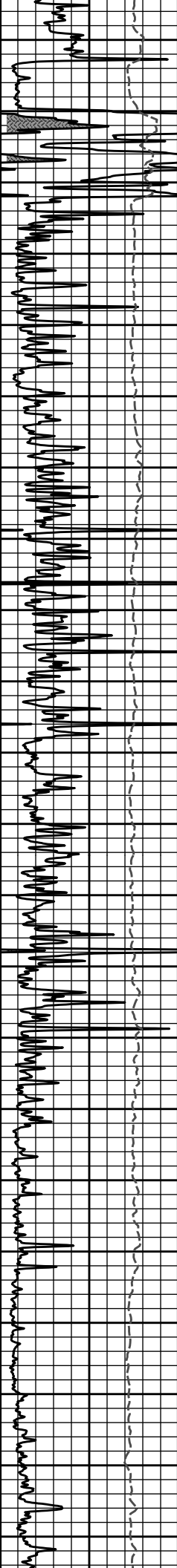
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1 INCH MAIN LOG









4100
4200
4300
4400
4500
4600
4700
4800
4900
5000
5100

