

# HALLIBURTON

## ARRAY COMPENSATED TRUE RESISTIVITY LOG

COMPANY VAL ENERGY INC.  
WELL TALBOTT #6-9  
FIELD  
COUNTY BARBER  
STATE KANSAS

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WELL TALBOTT #6-9  
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STATE KANSAS

API No. 15-007-23674  
Location 2310' FSL & 825' FEL

Other Services:  
DSN/SDL  
MICRO

Sect. 9 Twp. 34S Rge. 11W

Permanent Datum GL Elev. 1358.0 ft  
Log measured from KB 11.0 ft above perm. Datum D.F. 1368.0 ft  
Drilling measured from KB G.L. 1358.0 ft

Date 18-Apr-11  
Run No. 1

Depth - Driller 4700.00 ft  
Depth - Logger 4691.0 ft

Bottom - Logged Interval 4692.0 ft  
Top - Logged Interval 221.0 ft

Casing - Driller 8.625 in @ 221.0 ft  
Casing - Logger 221.0 ft

Bit Size 7.875 in @  
Type Fluid in Hole WATER BASED MUD @

Density 9.1 ppq 45.00 s/qt  
PH 9.00 pH 10.4 cpm

Source of Sample FLOW LINE  
Rm @ Meas. Temperature 0.548 ohmm @ 75.00 degF @  
Rmf @ Meas. Temperature 0.46 ohmm @ 75.00 degF @  
Rmc @ Meas. Temperature 0.660 ohmm @ 75.00 degF @

Source Rmf MEAS MEAS  
Rm @ BHT 0.11 ohmm @ 120.0 degF @

Time Since Circulation 6.0 hr @  
Time on Bottom 18-Apr-11 08:02

Max. Rec. Temperature 120.0 degF @ 4691.0 ft @  
Equipment Location 10546896 LIBERAL

Recorded By J. BOSH  
Missed By S. VAN BUSKIRK

Fold here

Service Ticket No.: 8105269 API Serial No.: 15-007-23674 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.	@	@		ONE	ACRT S5909	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.	ONE	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	

LOGGING DATA

GENERAL			GAMMA		ACOUSTIC		DENSITY		NEUTRON		
Run No.	Depth		Speed	Scale		Scale		Matrix	Scale		Matrix
	From	To	ft/min	L	R	L	R		L	R	
ONE	TD	CSG	REC	0	150						

DIRECTIONAL INFORMATION

Maximum Deviation @ KOP @

Remarks: ANNULAR HOLE VOLUME CALCULATED FOR 5.5 INCH CASING

CHLORIDES: 6500 PPM

GPS COORDINATES: LAT: 37.06 N LONG: 98.30 W

TODAY'S CREW: A. VAQUERA, K. KELLY

THANK YOU FOR CHOOSING HALLIBURTON ENERGY SERVICES, LIBERAL, KS 620-624-8123

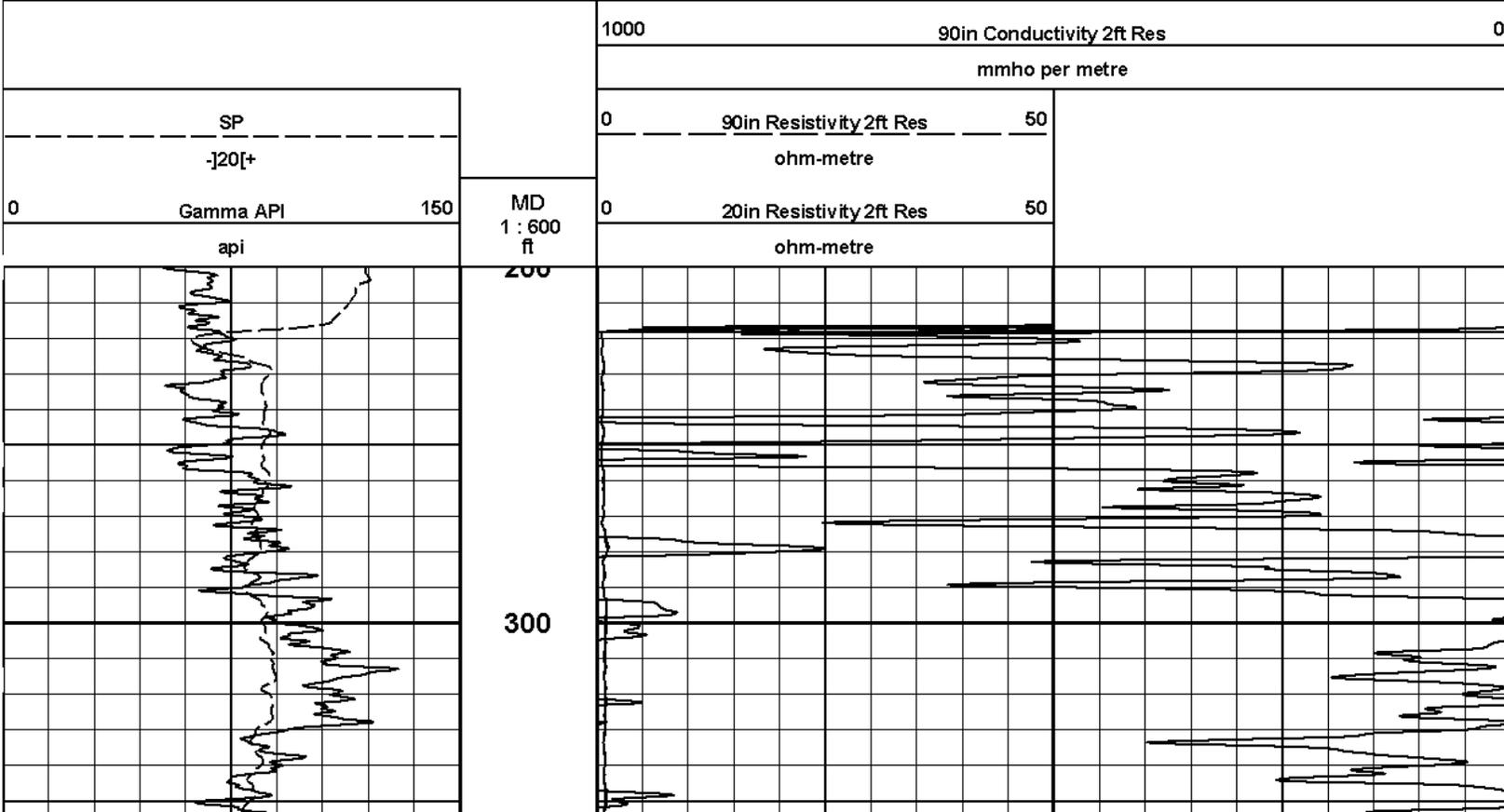
HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR 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.

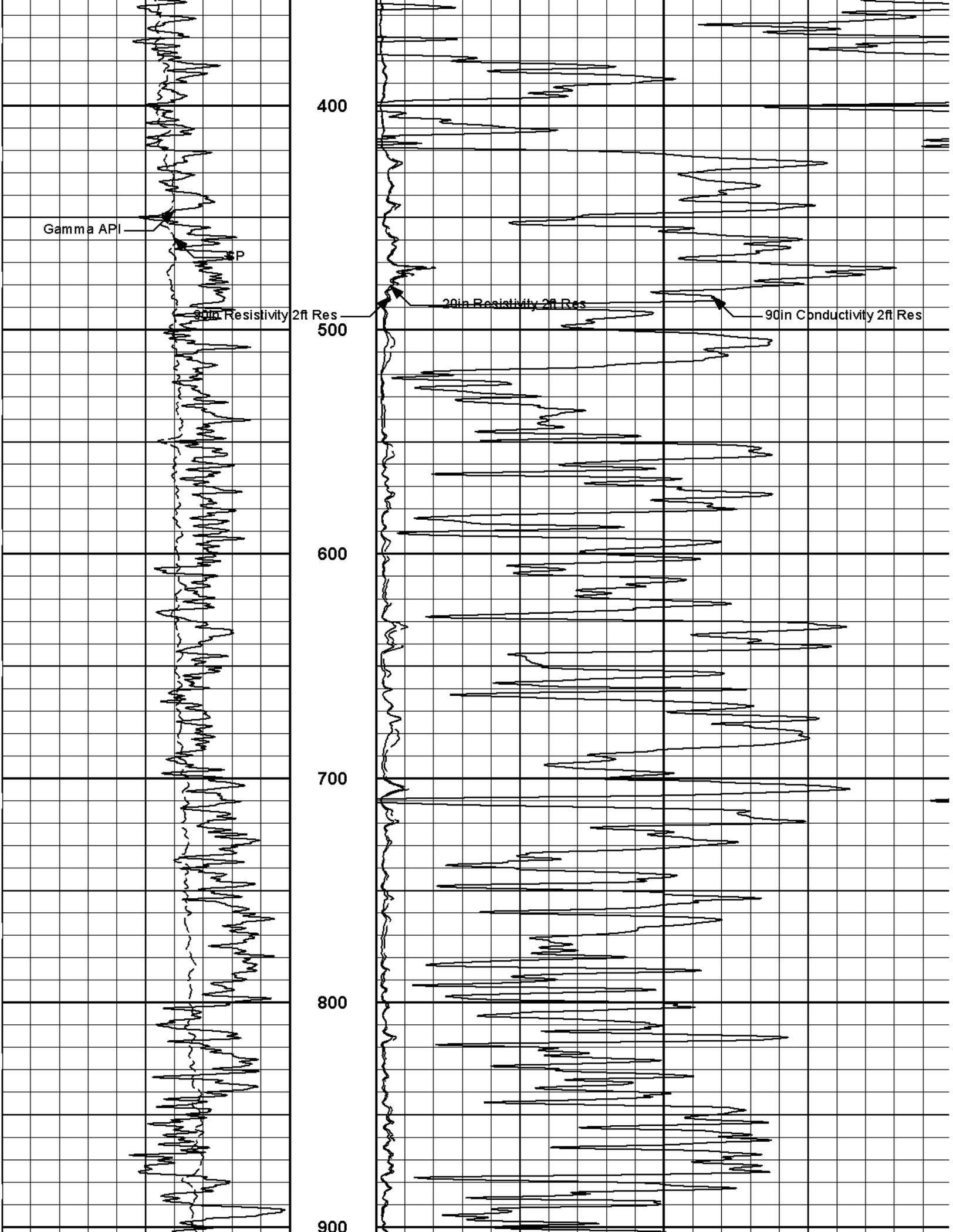
HALLIBURTON

**HALLIBURTON**

Plot Time: 18-Apr-11 10:59:06  
 Plot Range: 200 ft to 4694.67 ft  
 Data: TALBOTT\_6\_9Well Based\DAQ-0001-0031  
 Plot File: \\LOCAL-1\TALBOTT\_6\_9Well Based\ACRT\ACRT\_2\_lib

**2 INCH MAIN LOG**





400

Gamma API

8in Resistivity 2ft Res

20in Resistivity 2ft Res

90in Conductivity 2ft Res

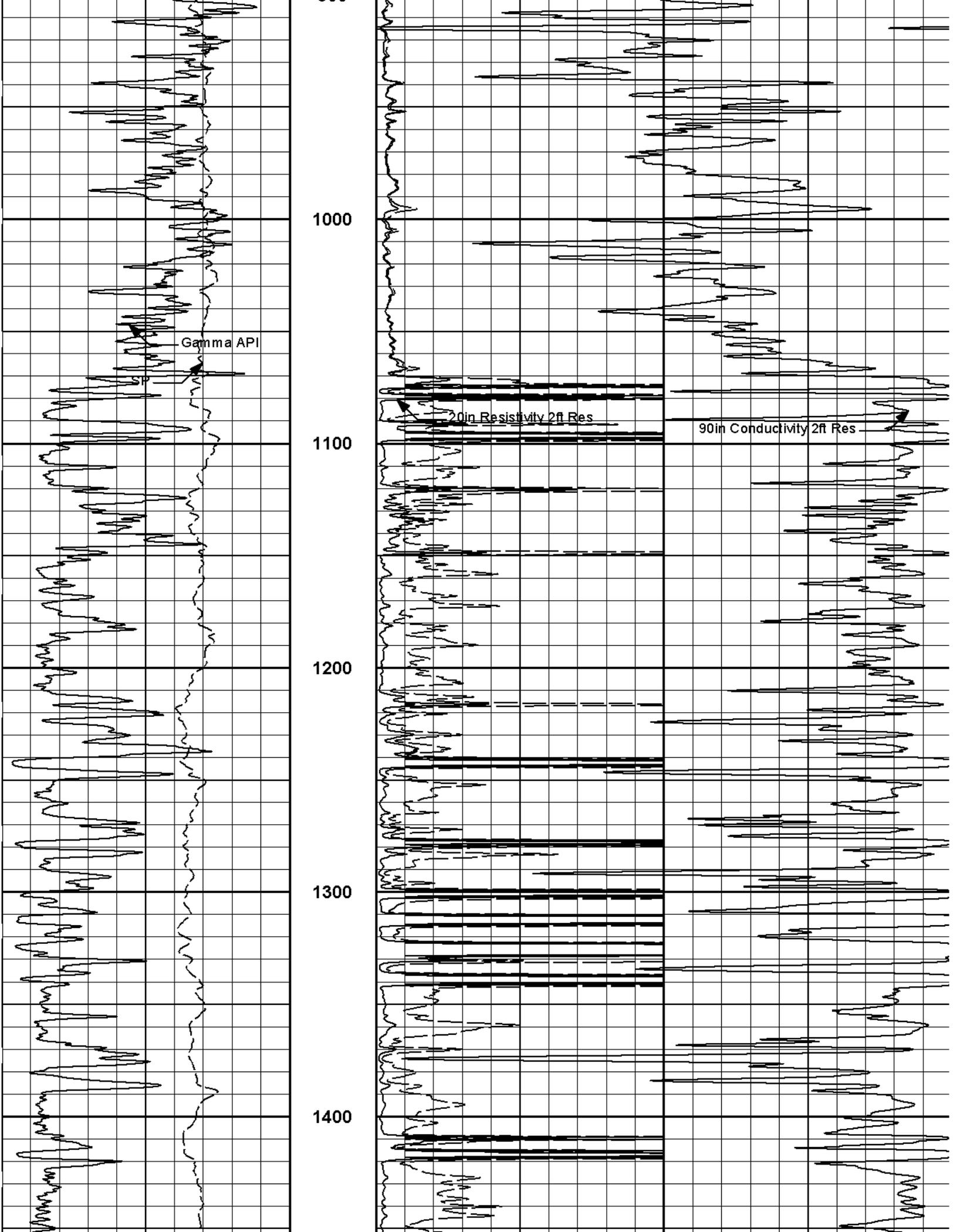
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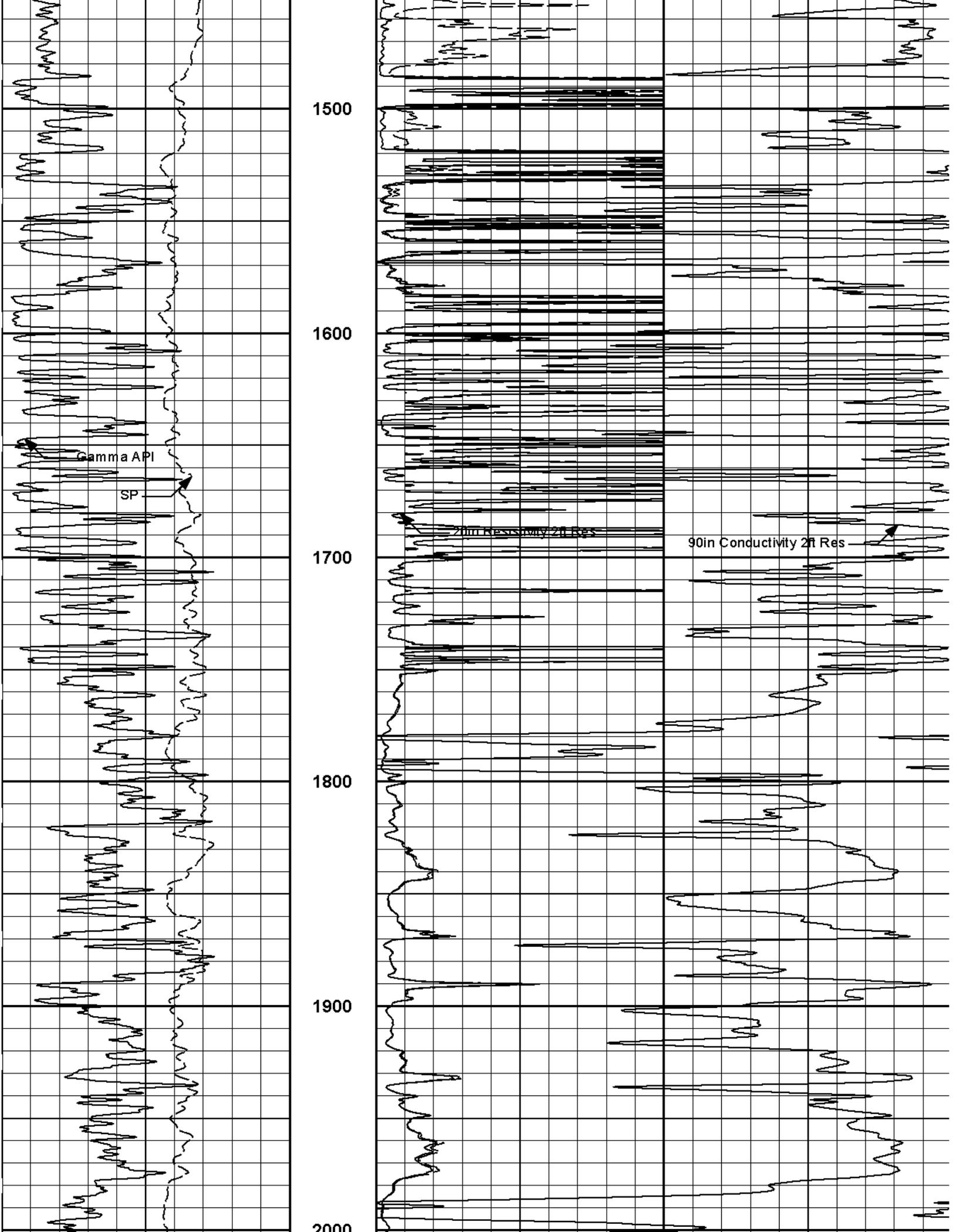
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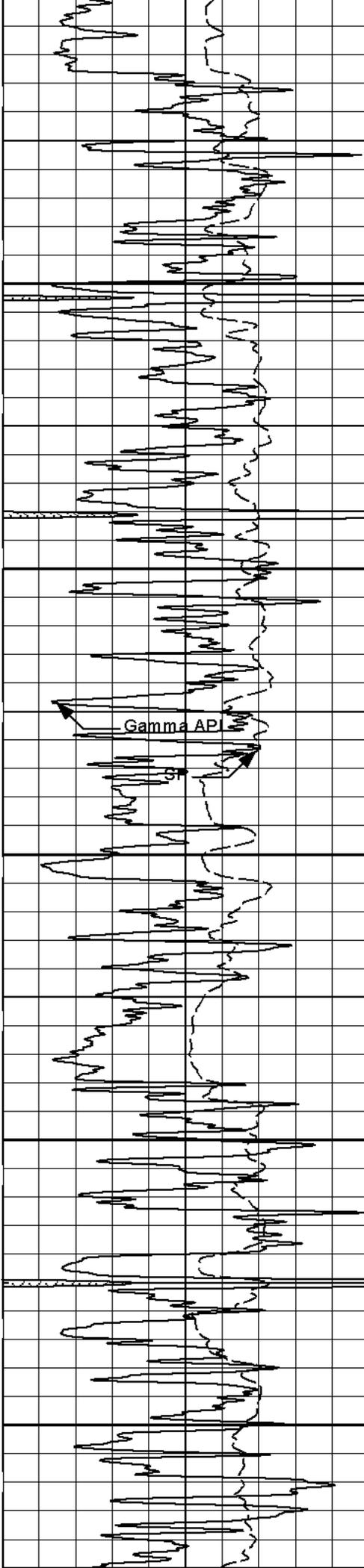
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800

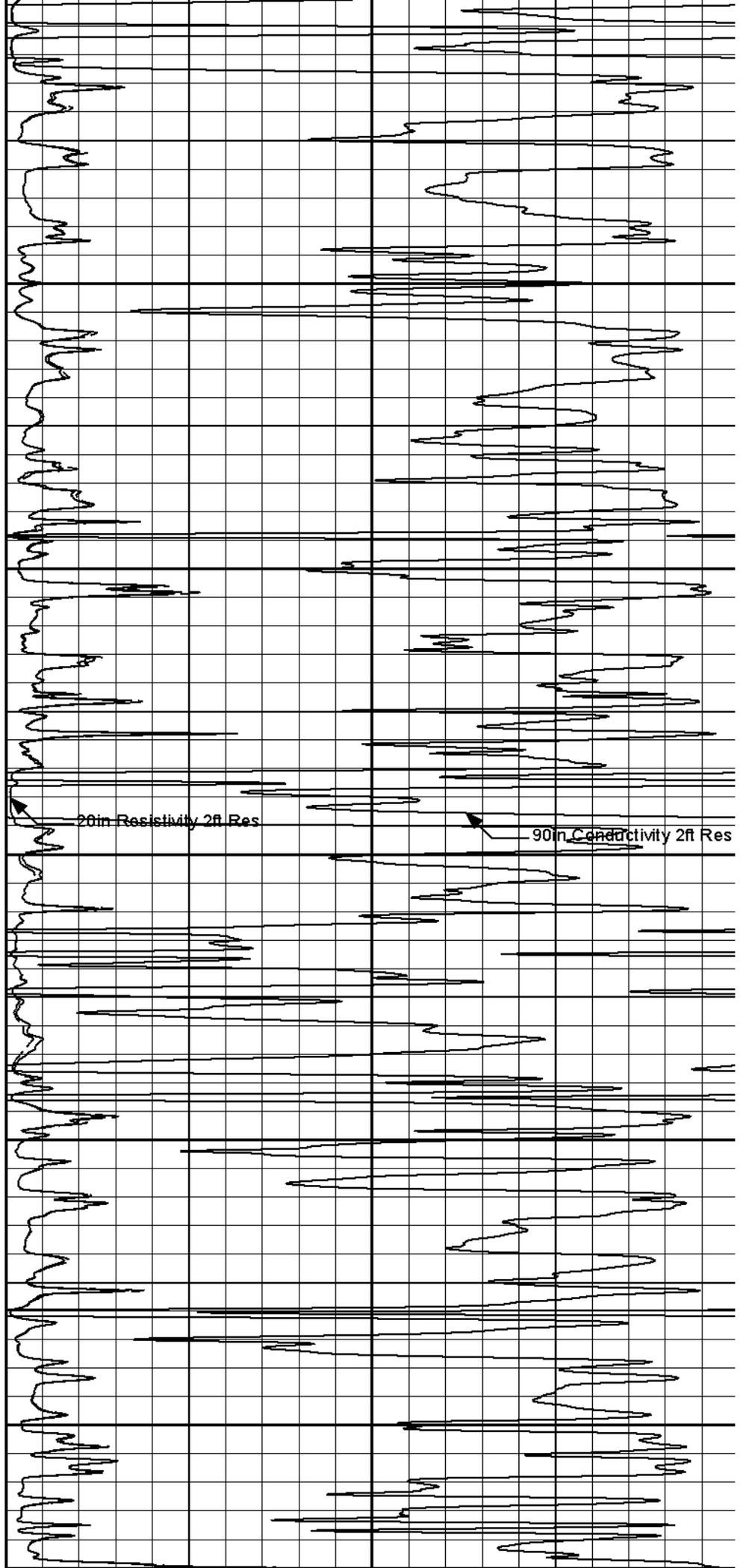
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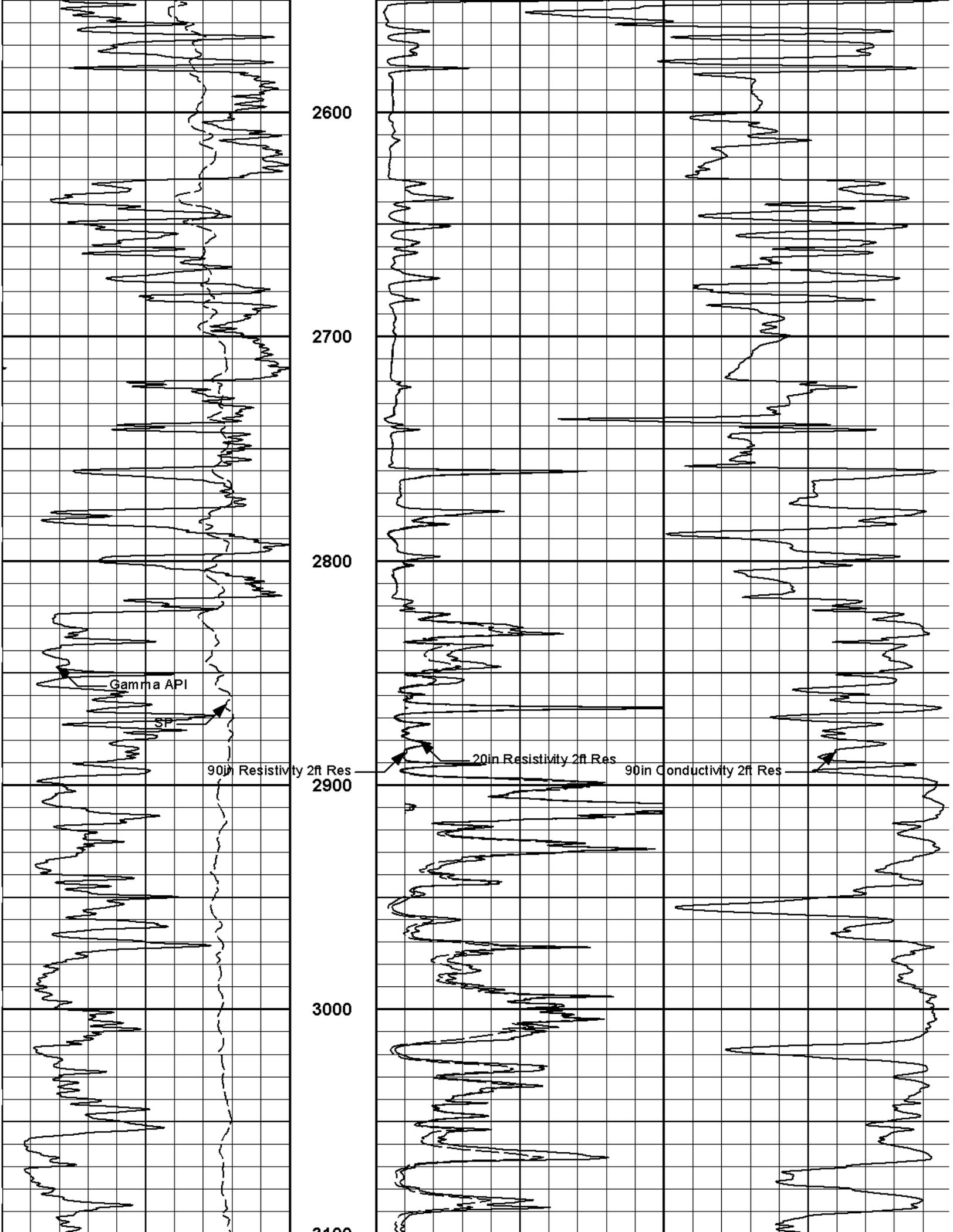
2000  
2100  
2200  
2300  
2400  
2500

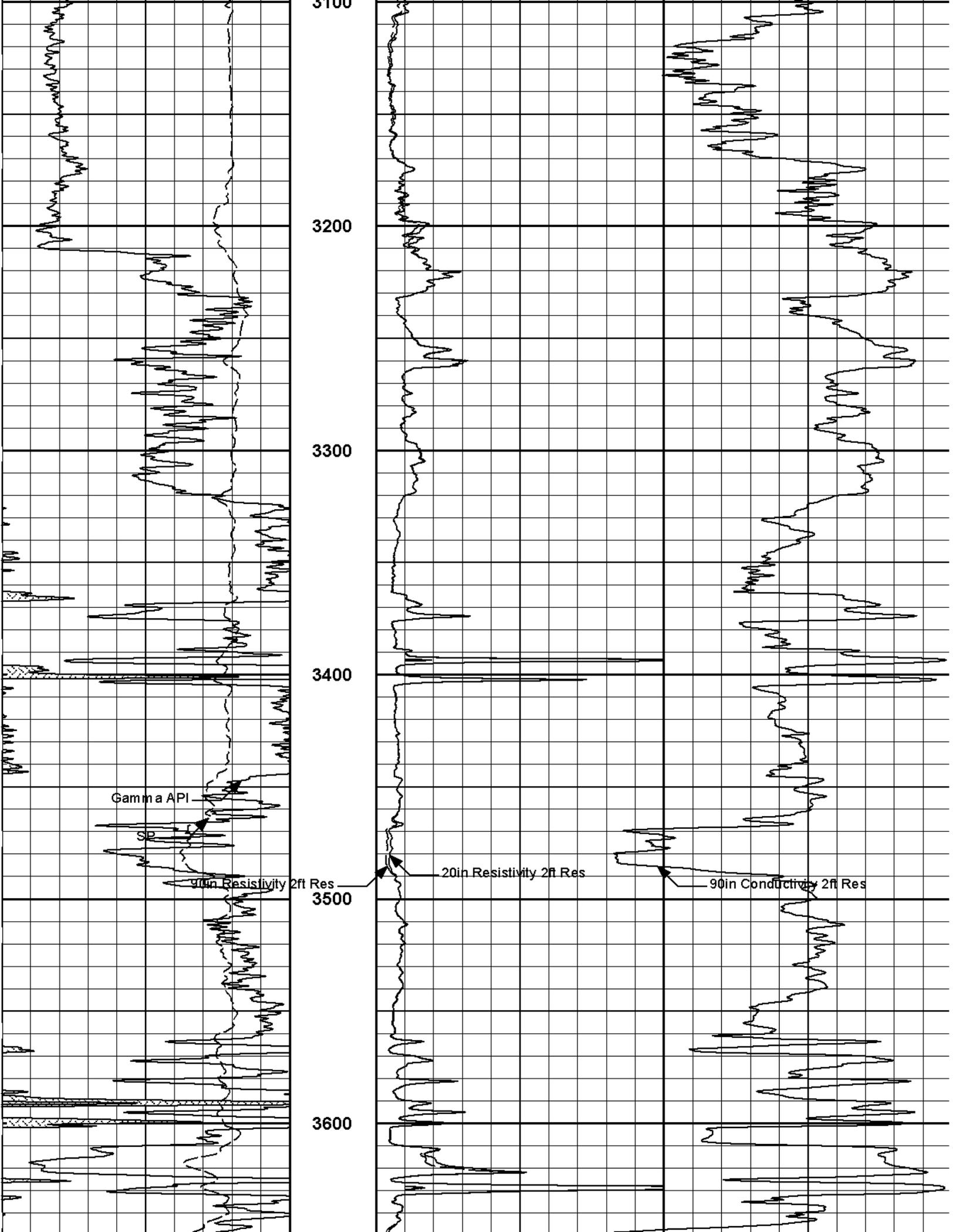


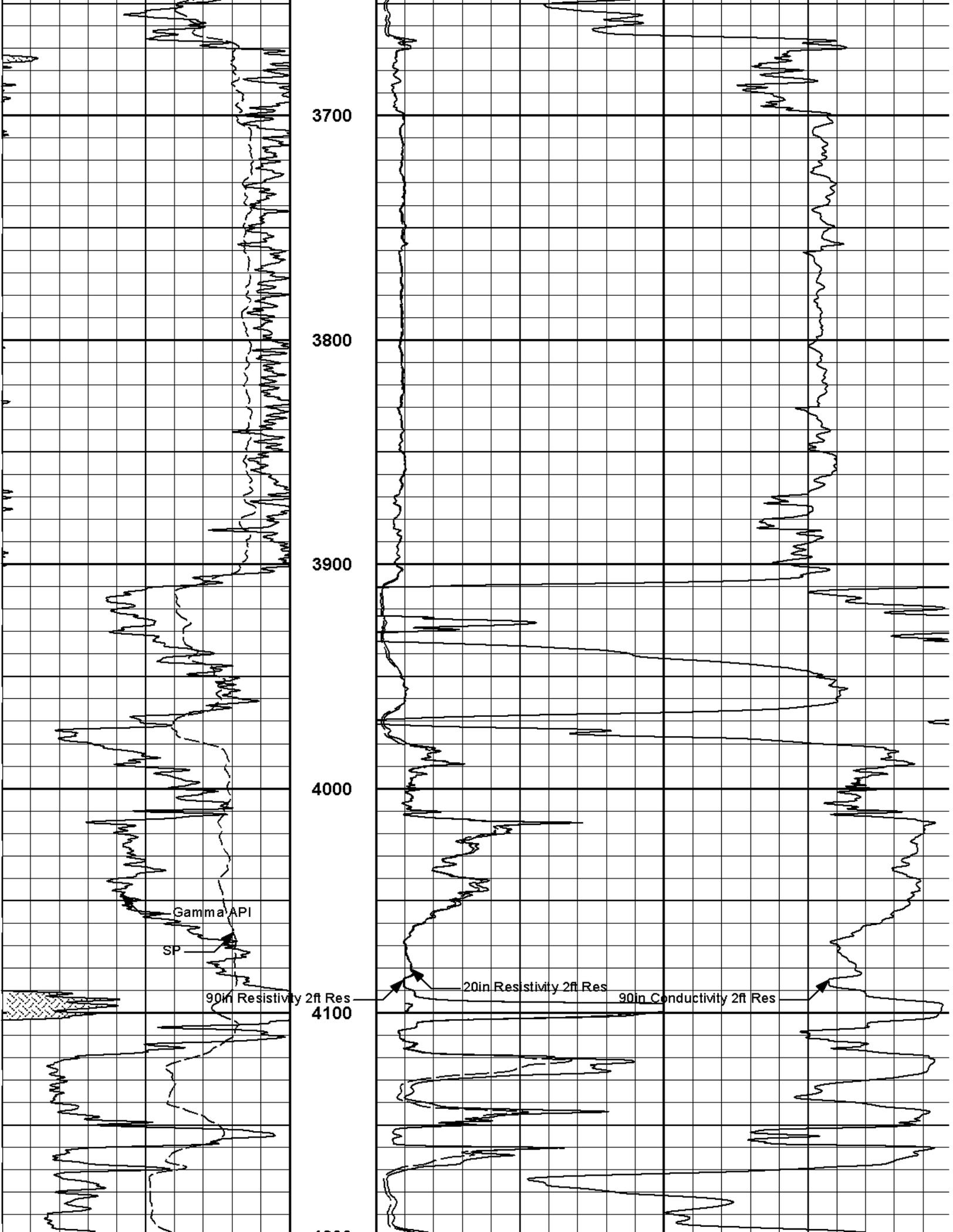
Gamma API

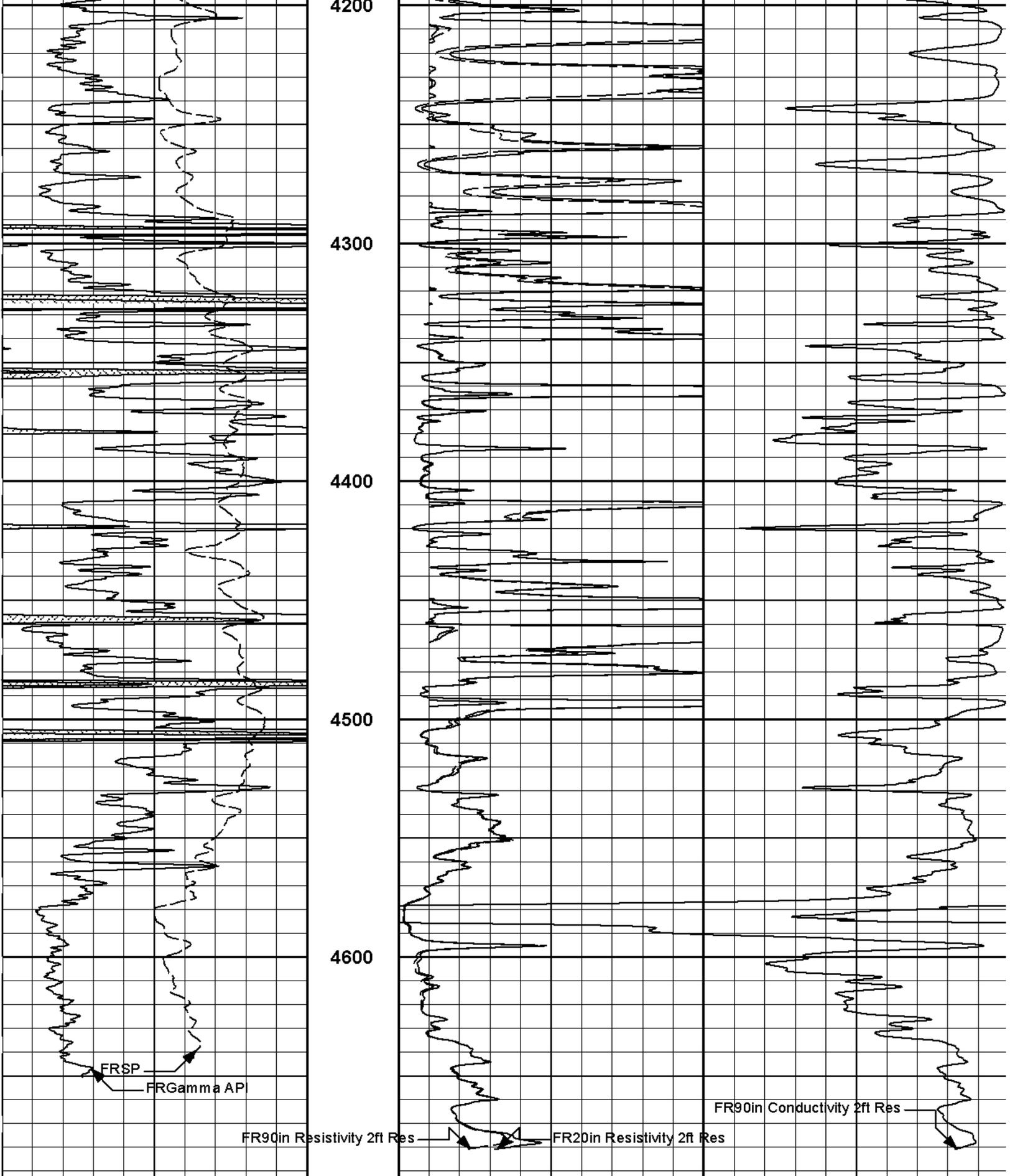
20in Resistivity 2ft Res

90in Conductivity 2ft Res









0	Gamma API	150	MD 1 : 600 ft	0	20in Resistivity 2ft Res	50
	api					ohm-metre
	SP			0	90in Resistivity 2ft Res	50
	- 20 +				ohm-metre	

# HALLIBURTON

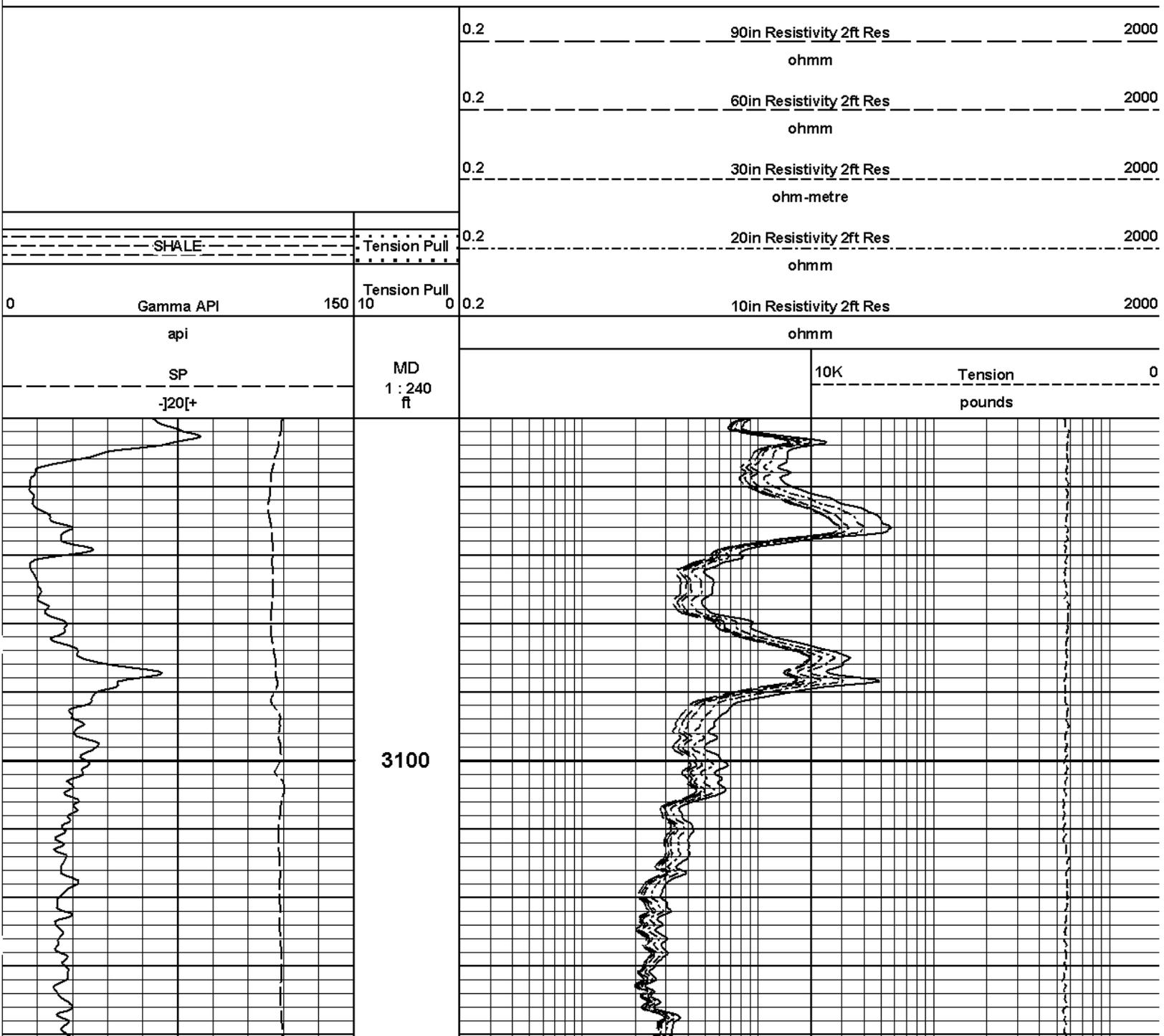
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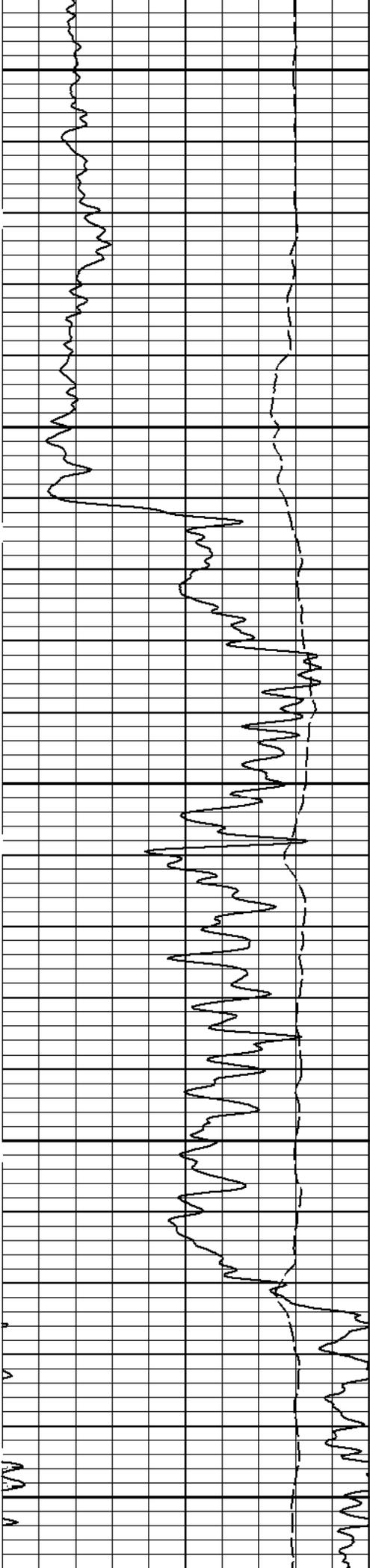
## 2 INCH MAIN LOG

# HALLIBURTON

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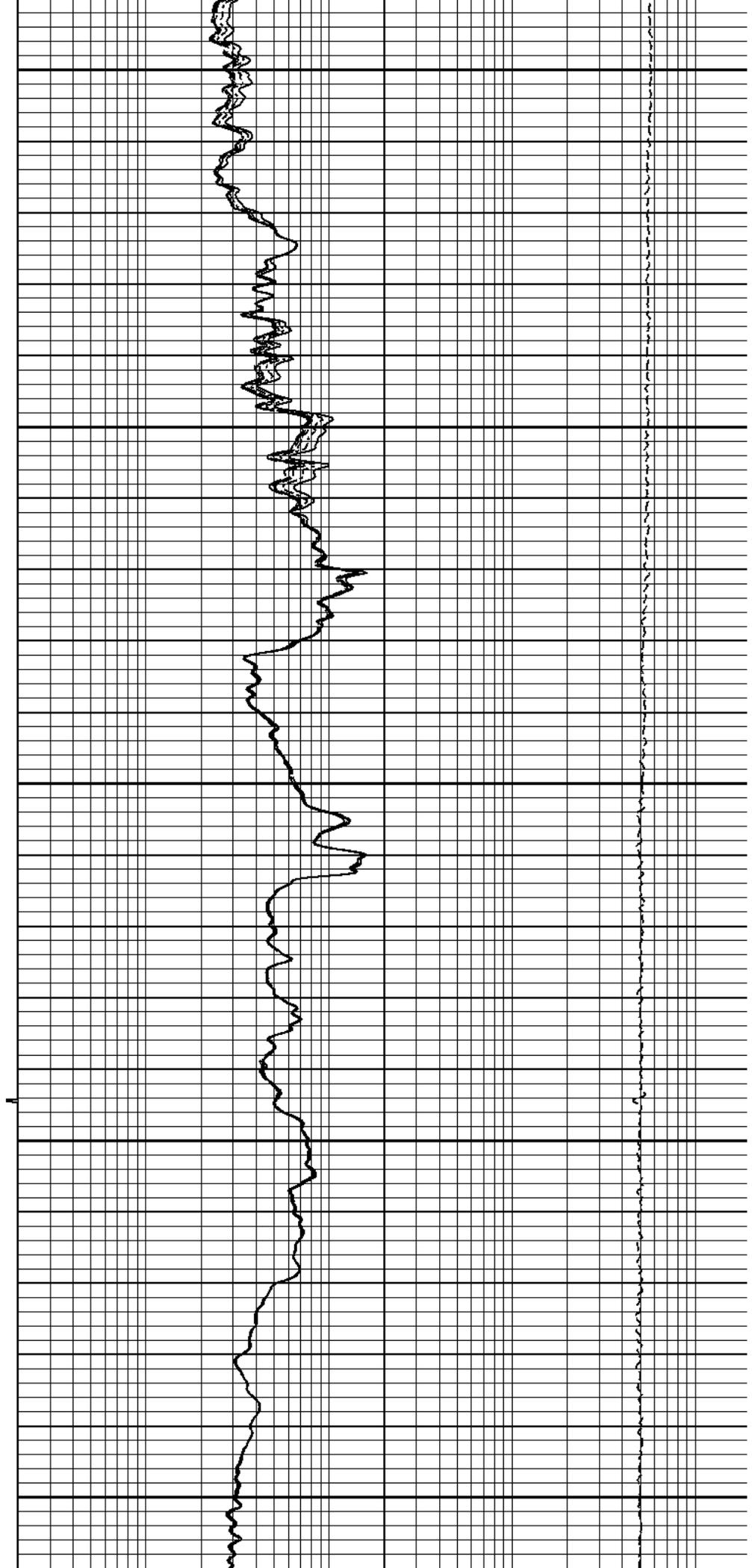
## 5 INCH MAIN LOG

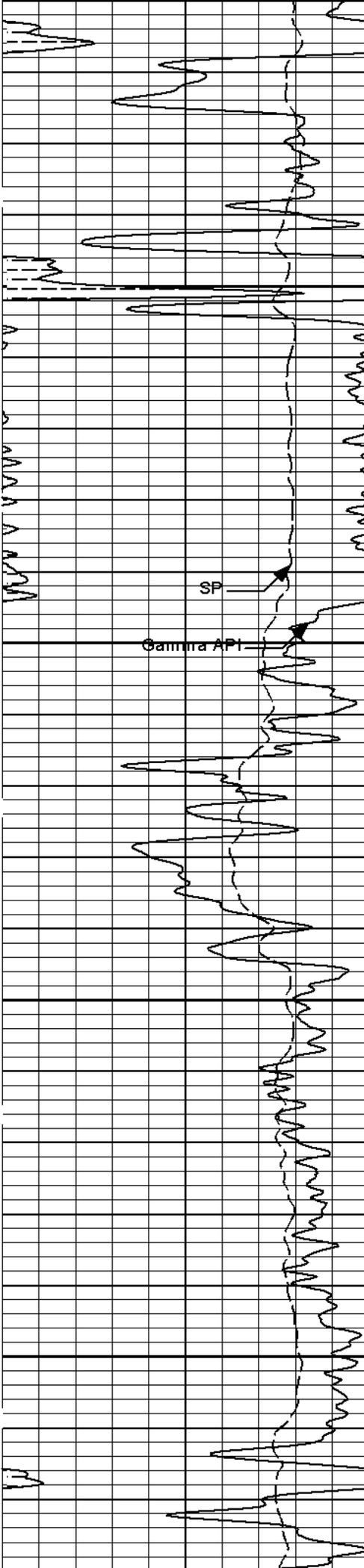




3200

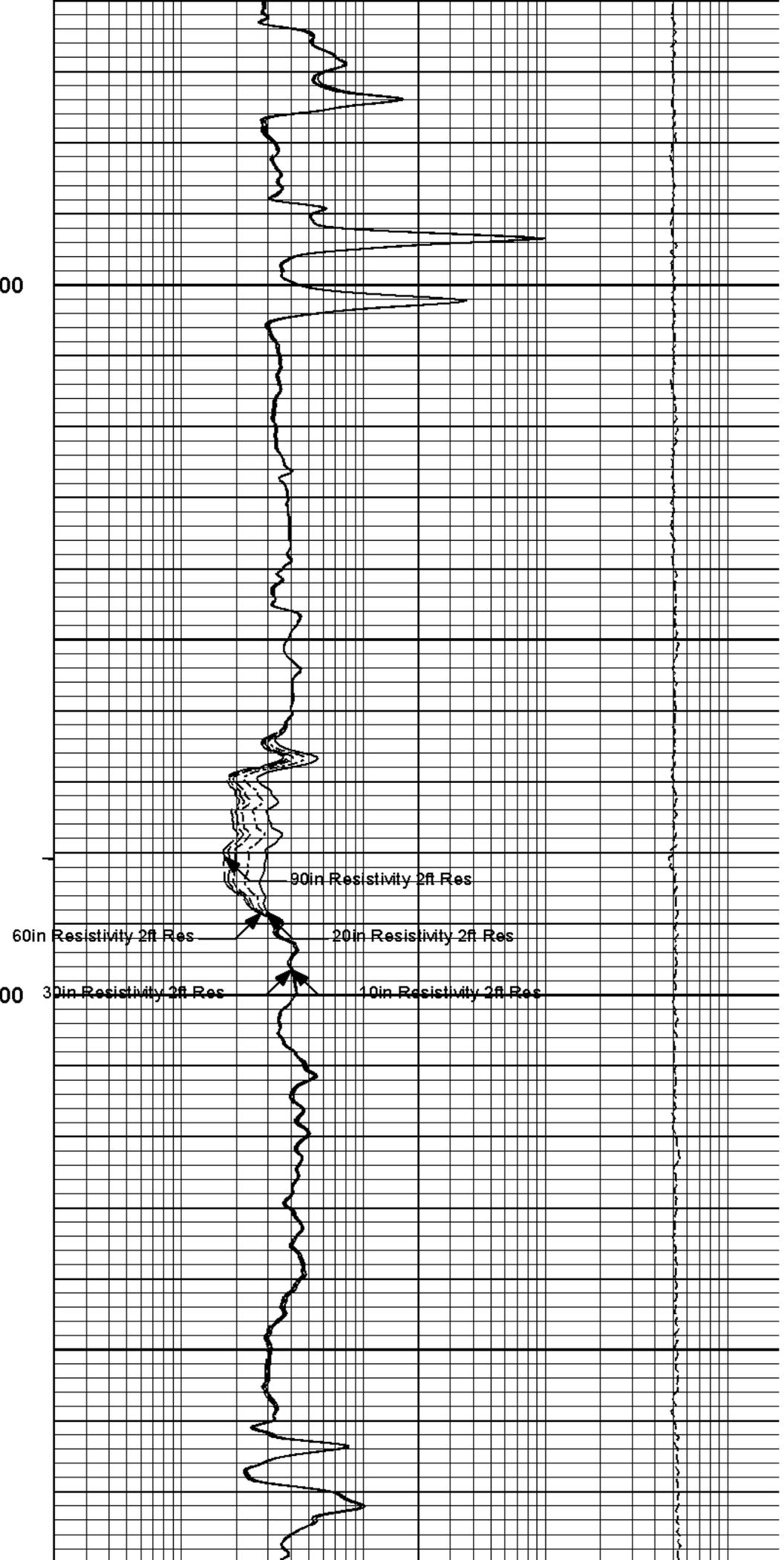
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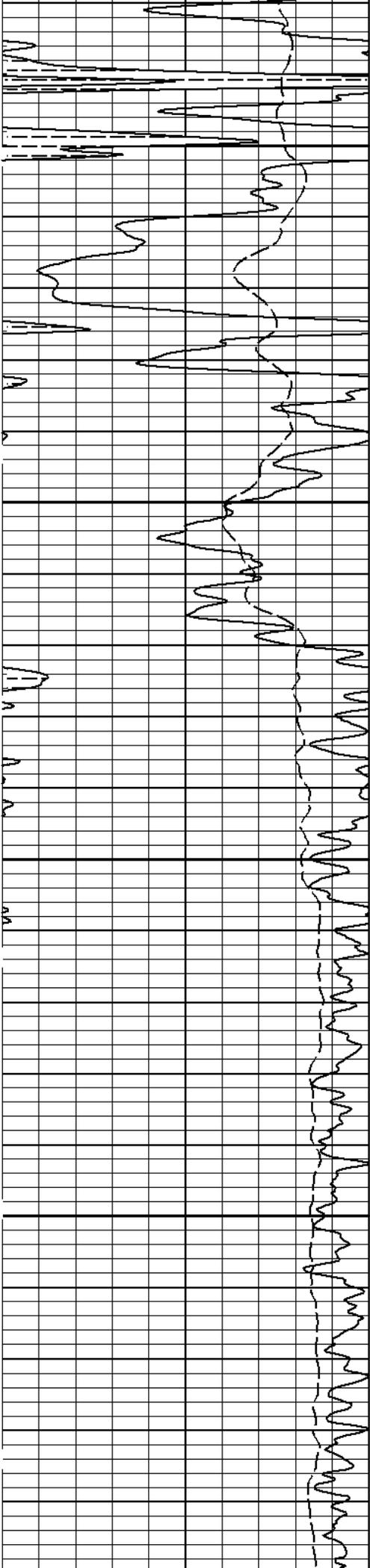




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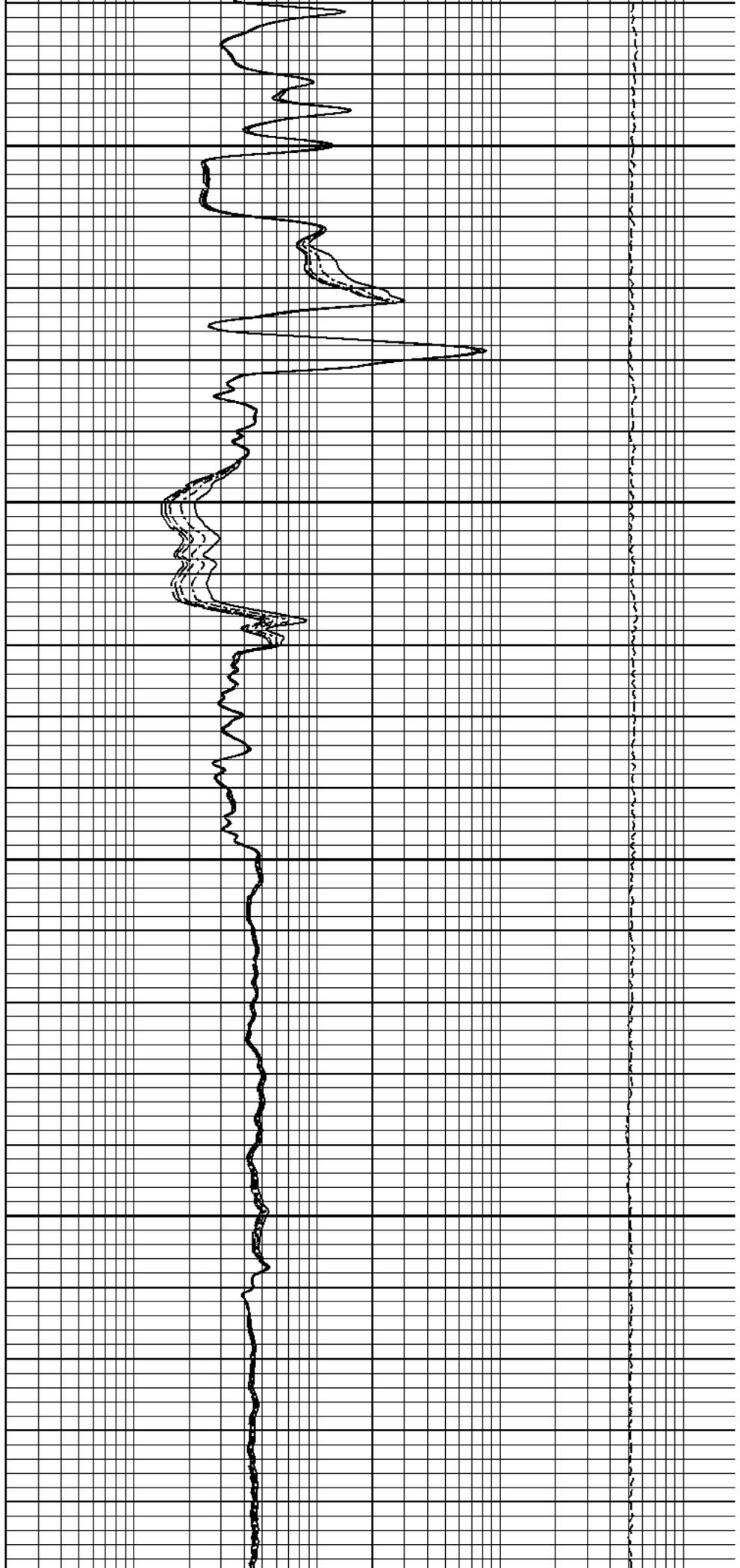
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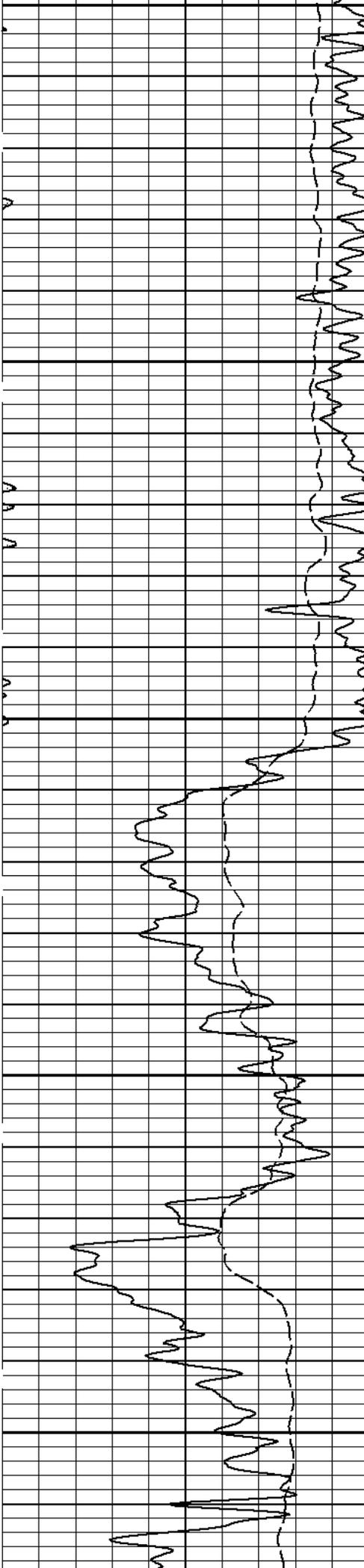




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3700

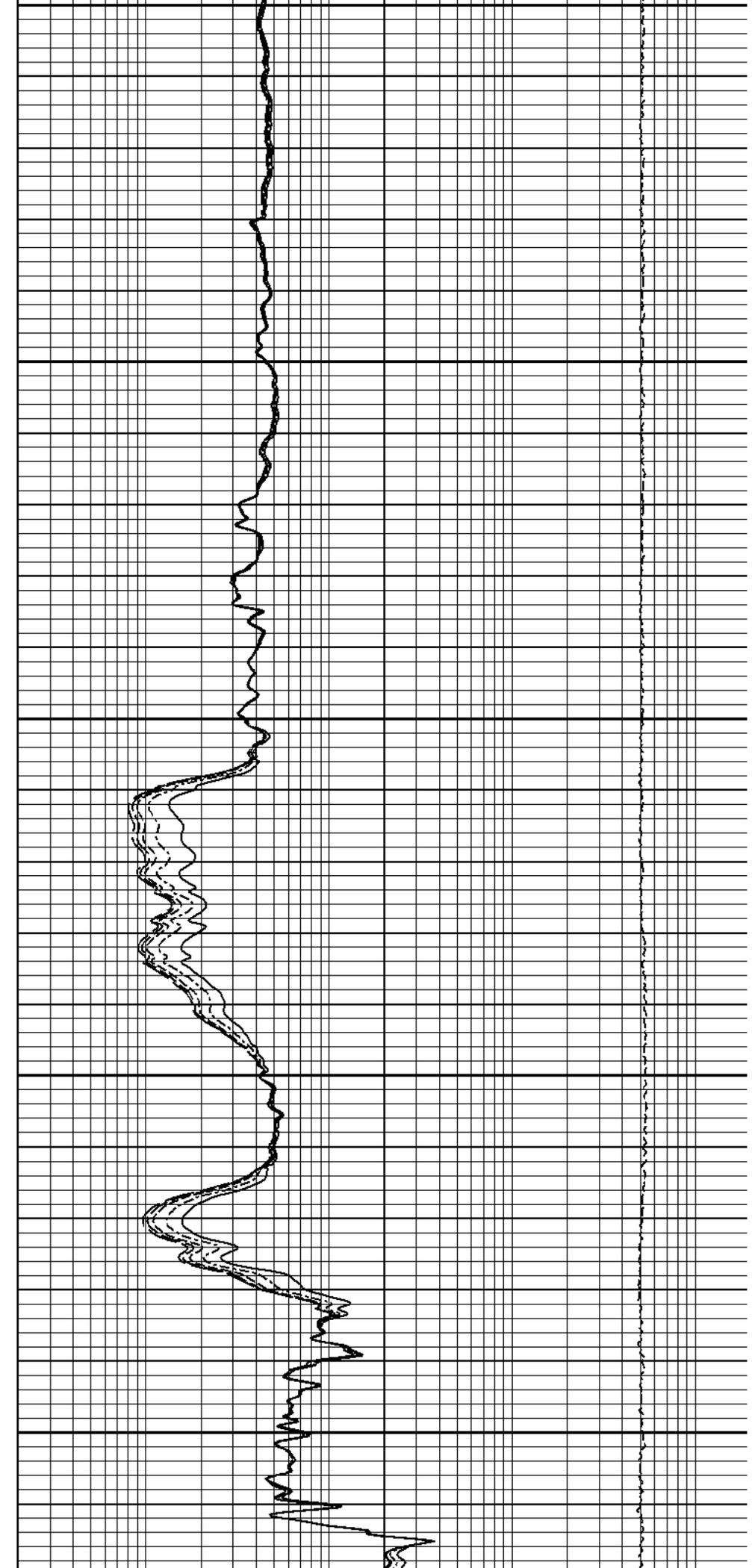


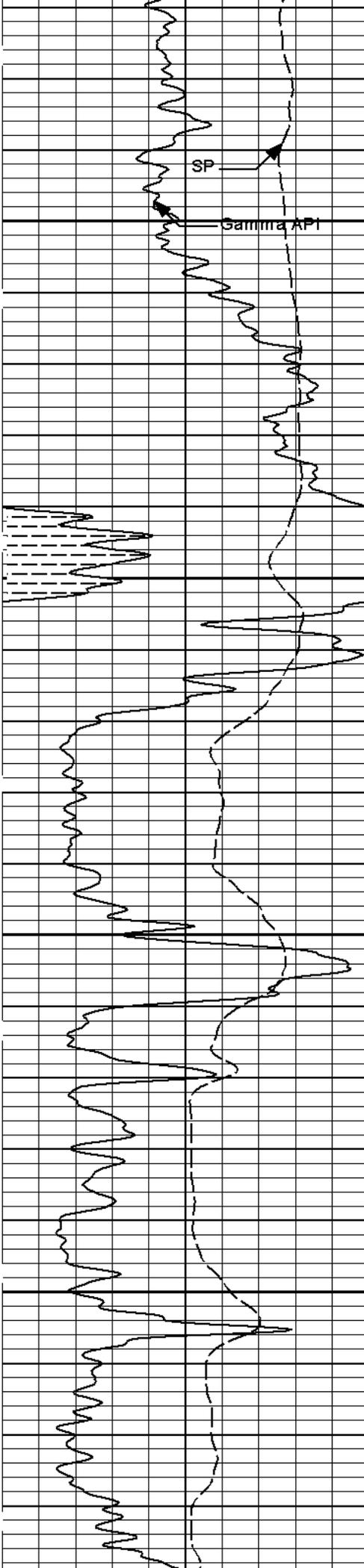


3800

3900

4000





4100

30in Resistivity 2ft Res

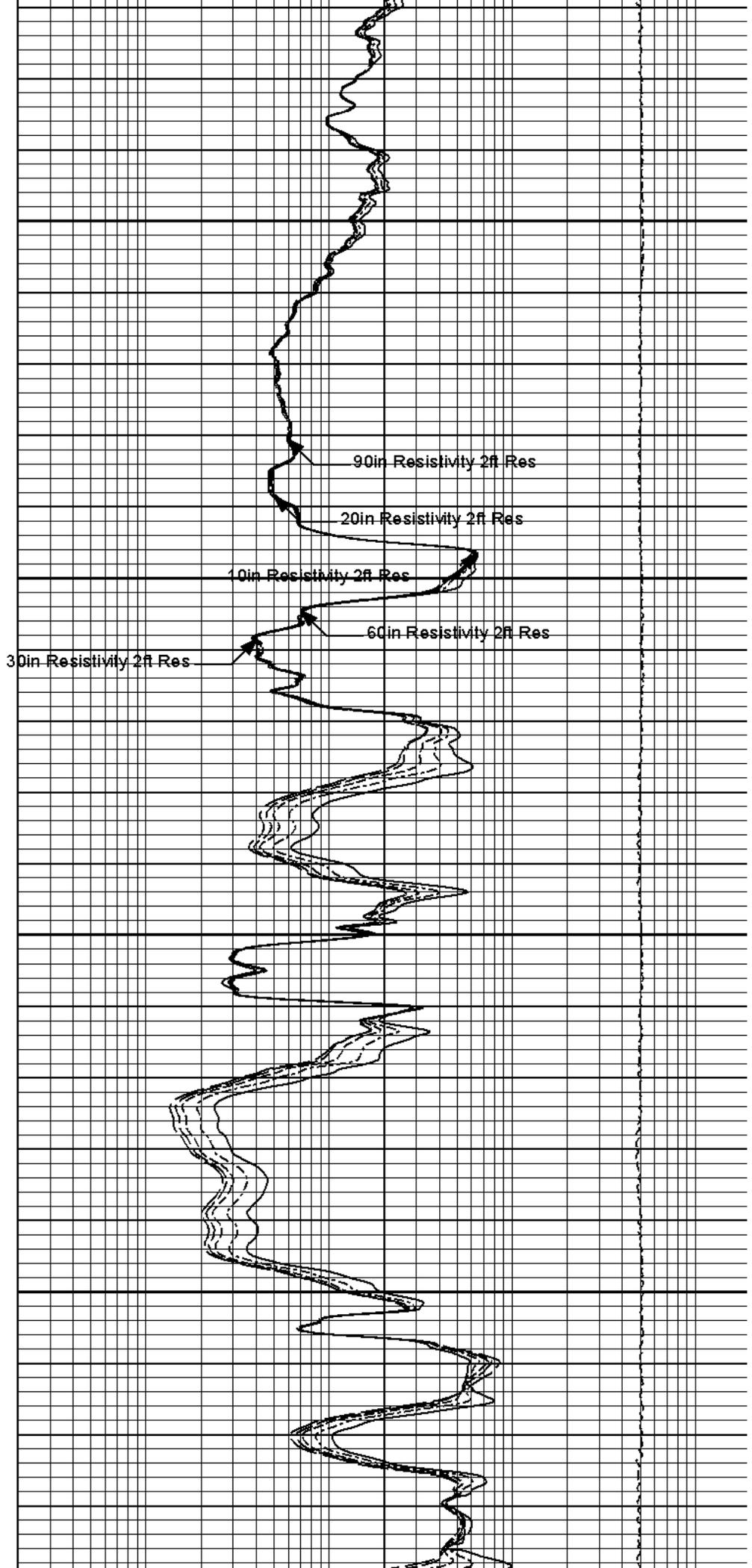
10in Resistivity 2ft Res

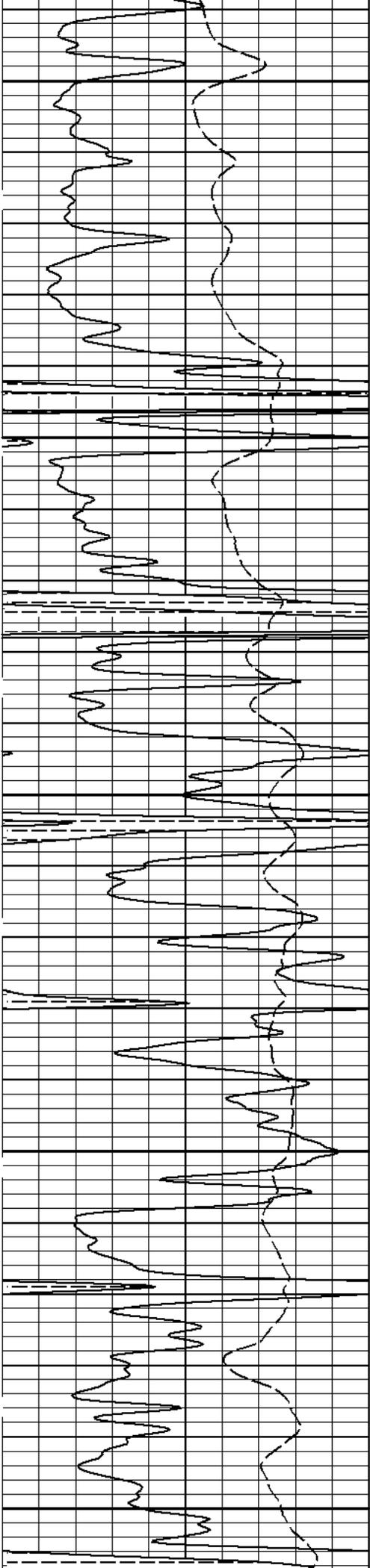
60in Resistivity 2ft Res

90in Resistivity 2ft Res

20in Resistivity 2ft Res

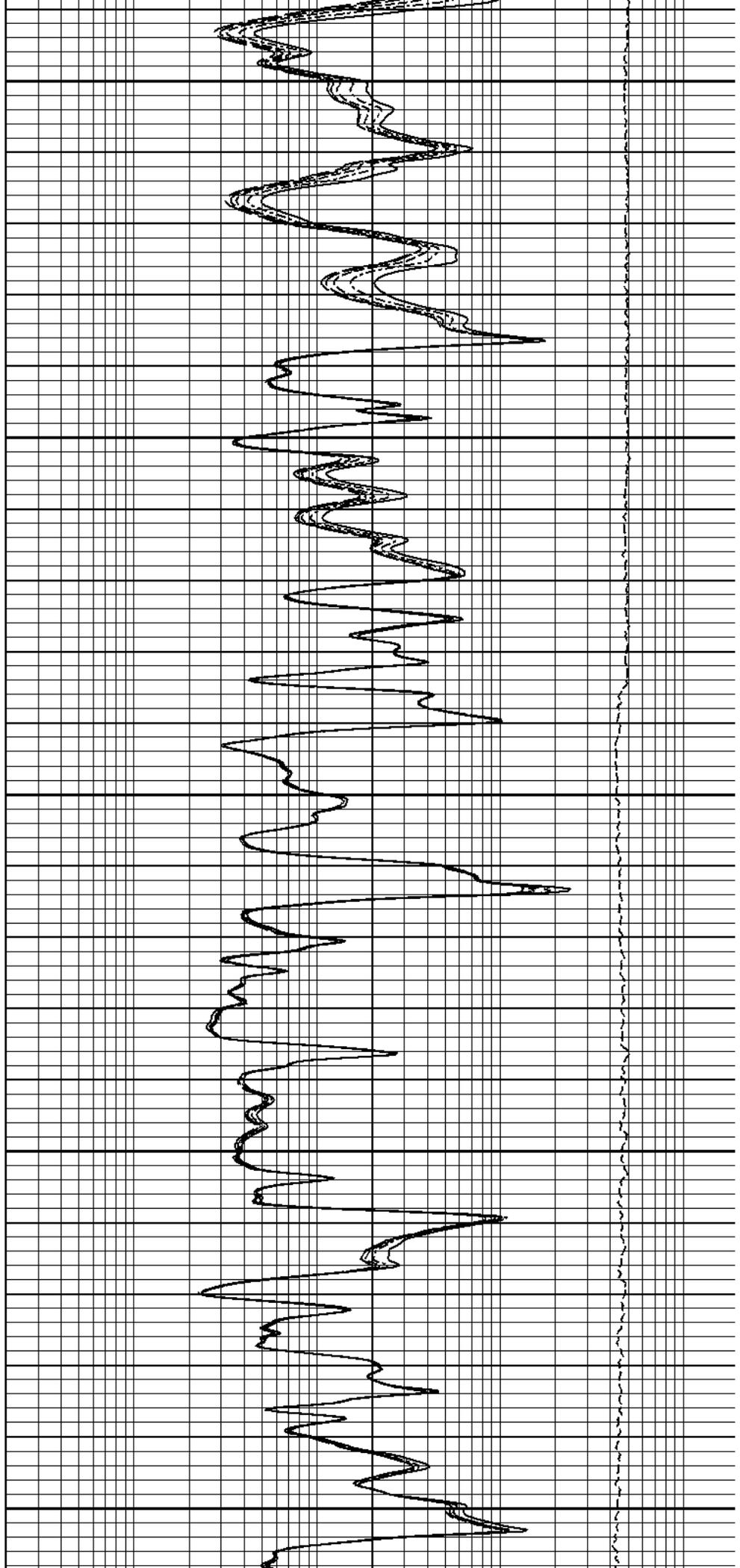
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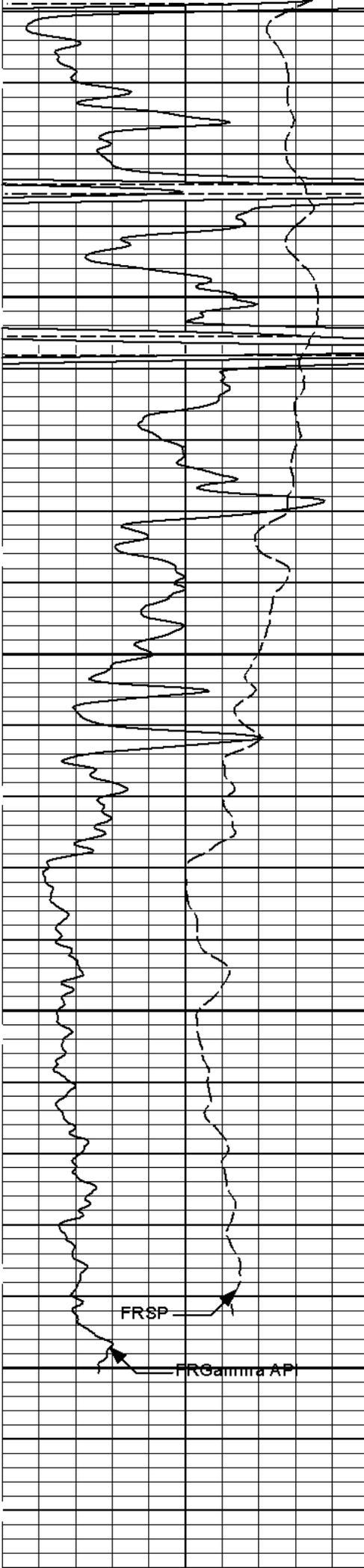




4300

4400



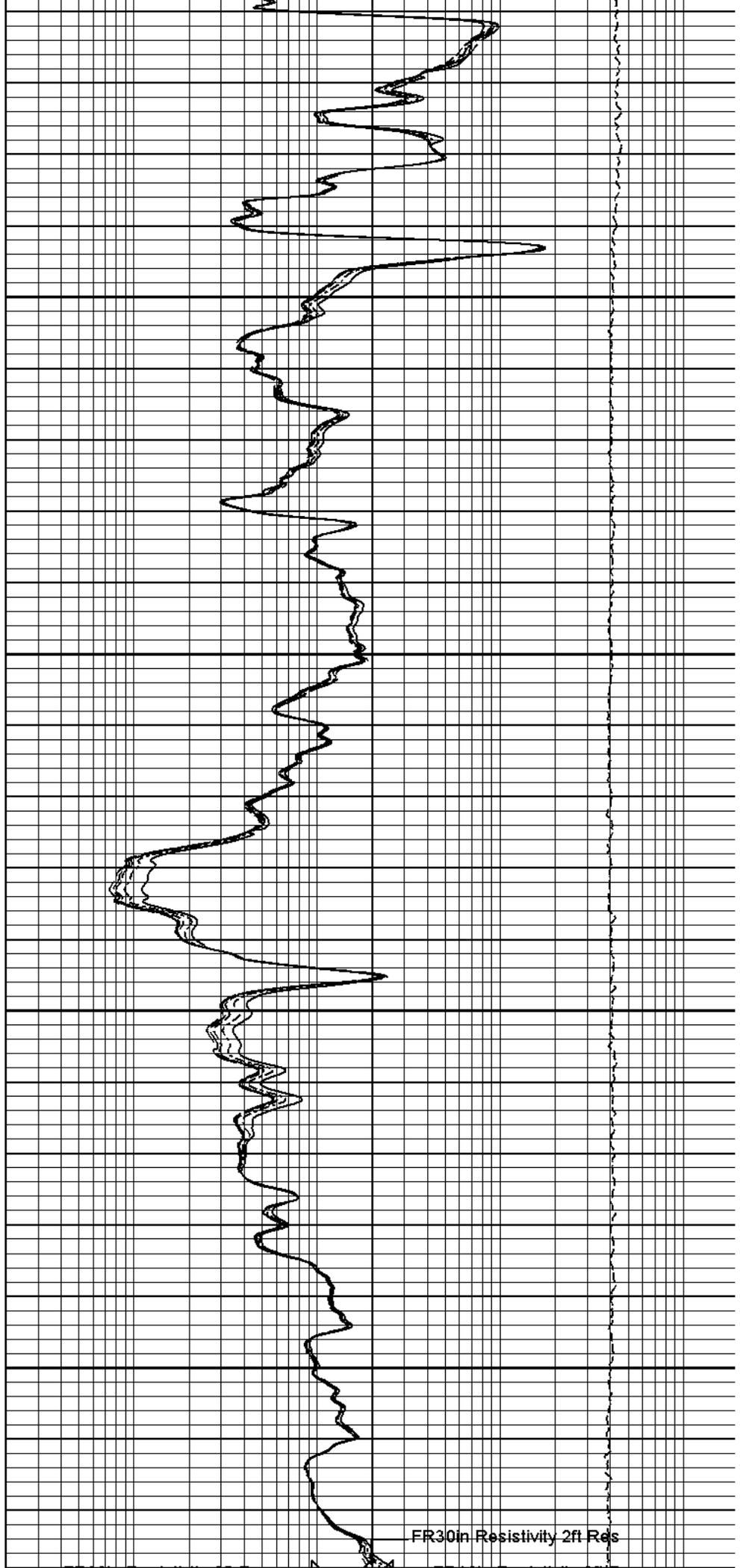


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4600

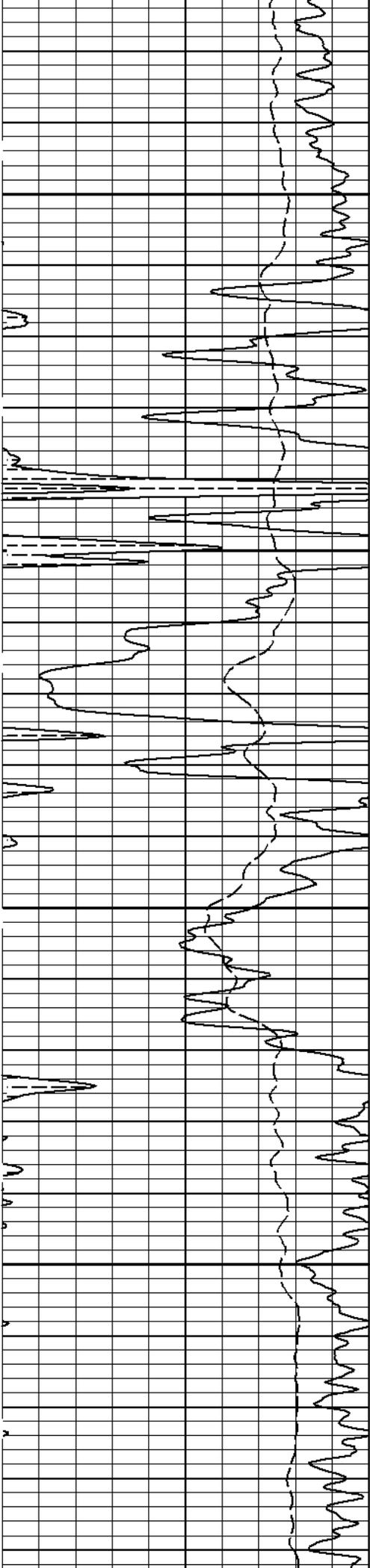
FRSP

FRGamma AP



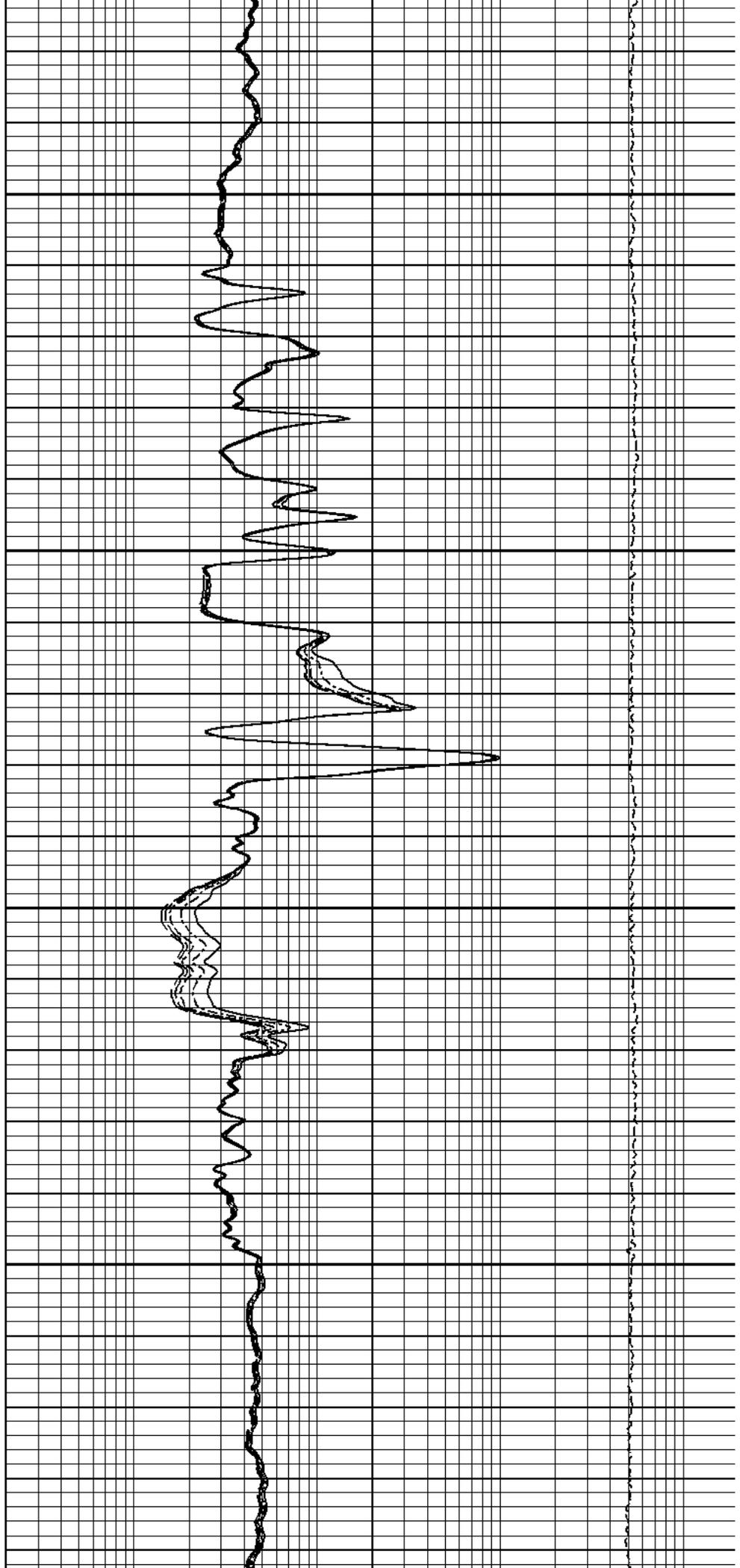
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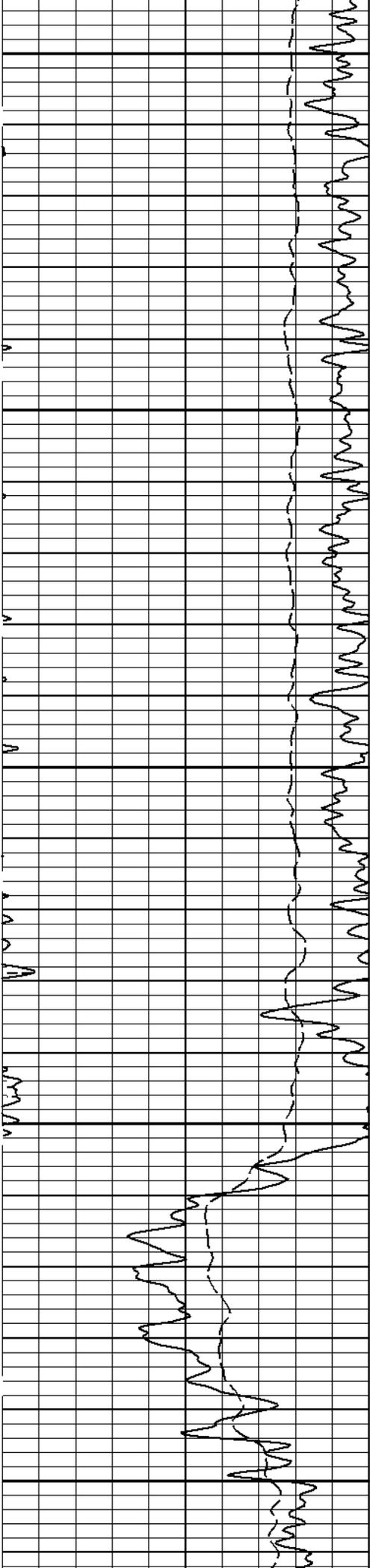




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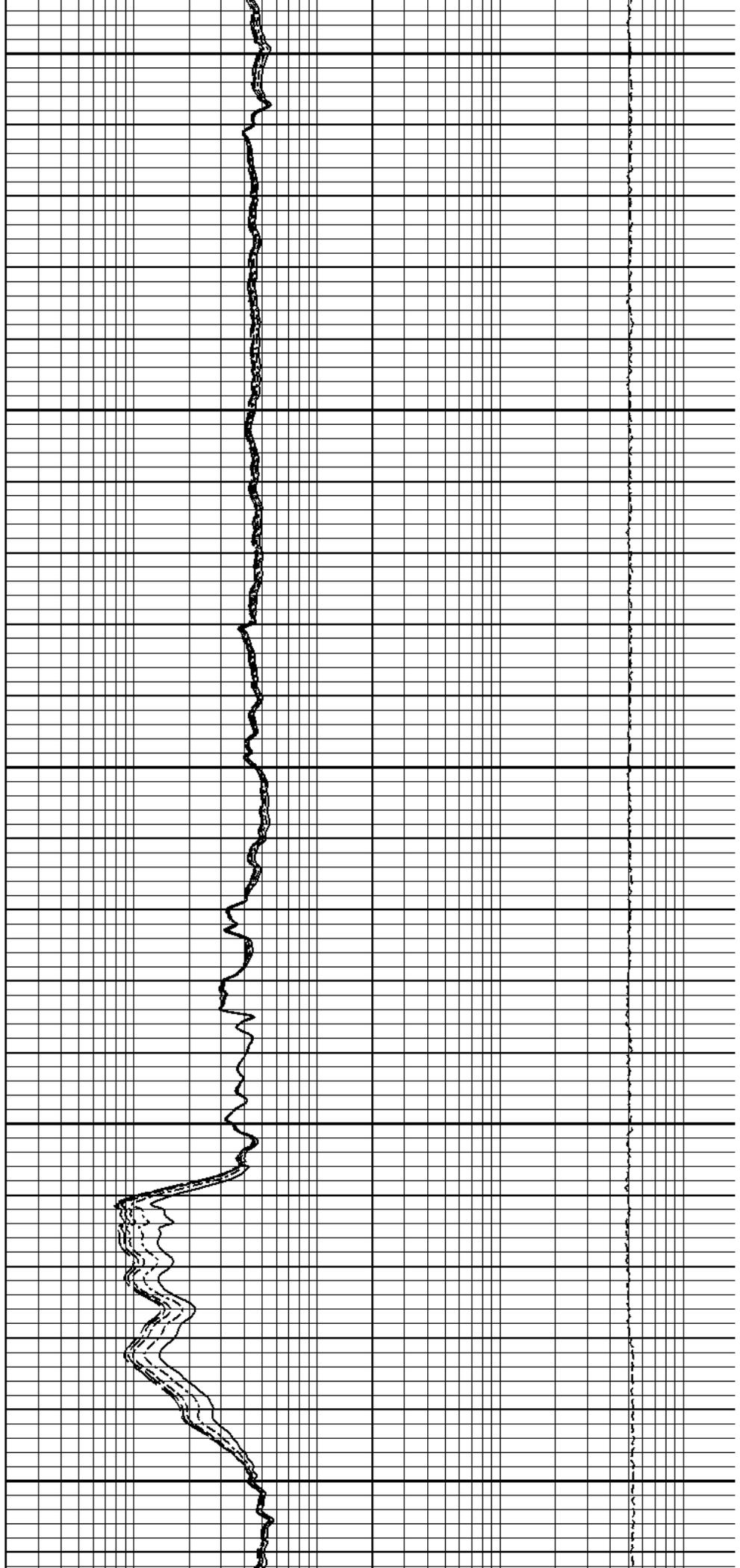
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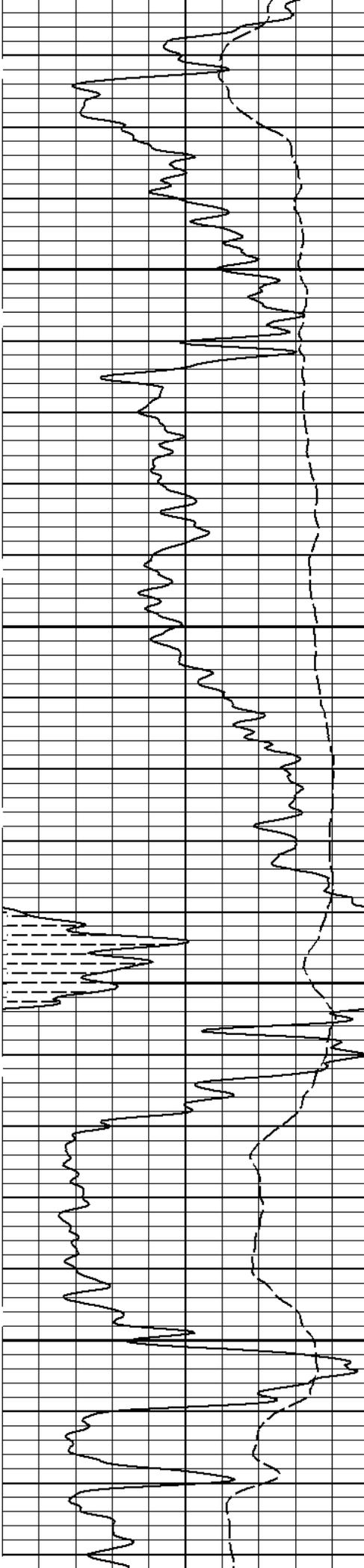




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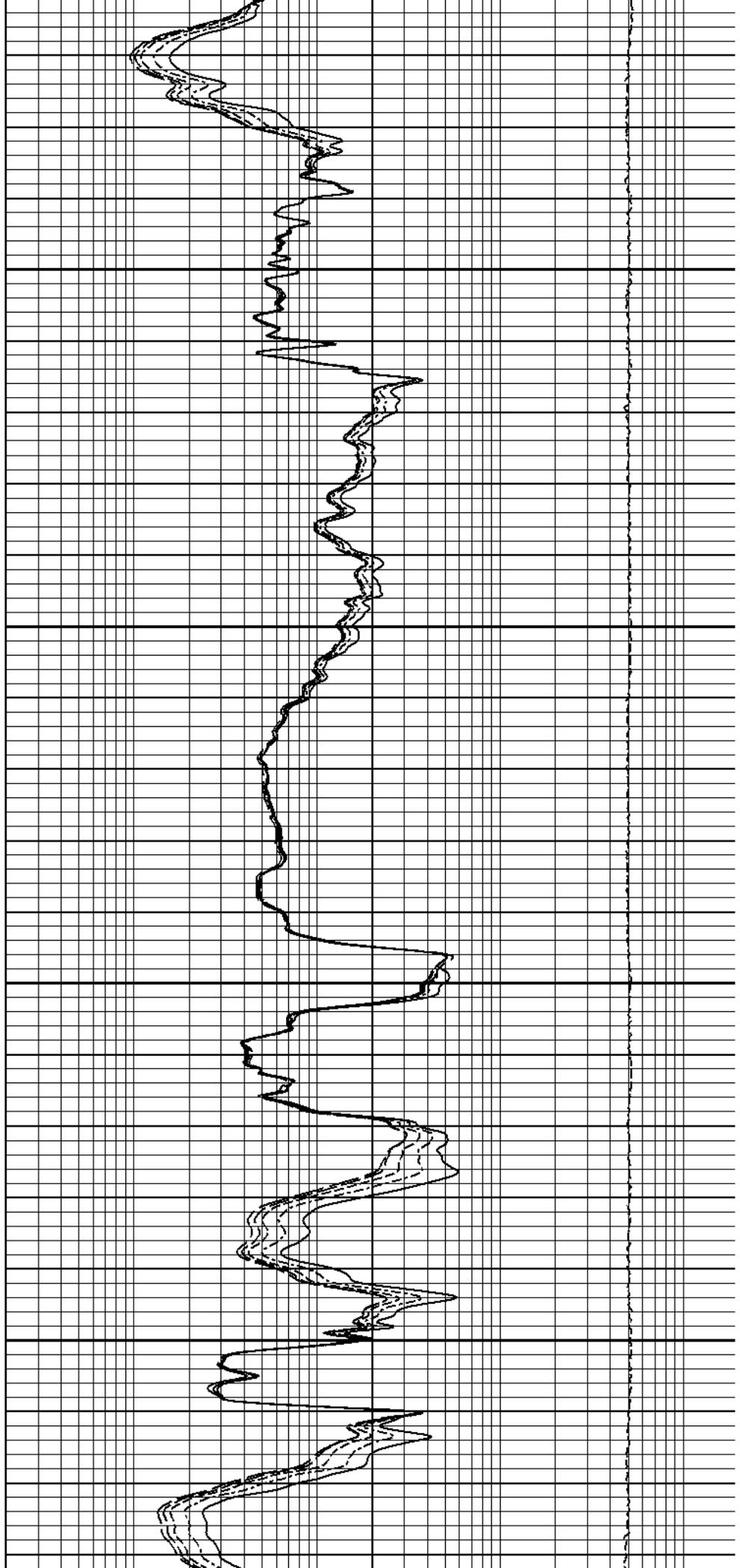
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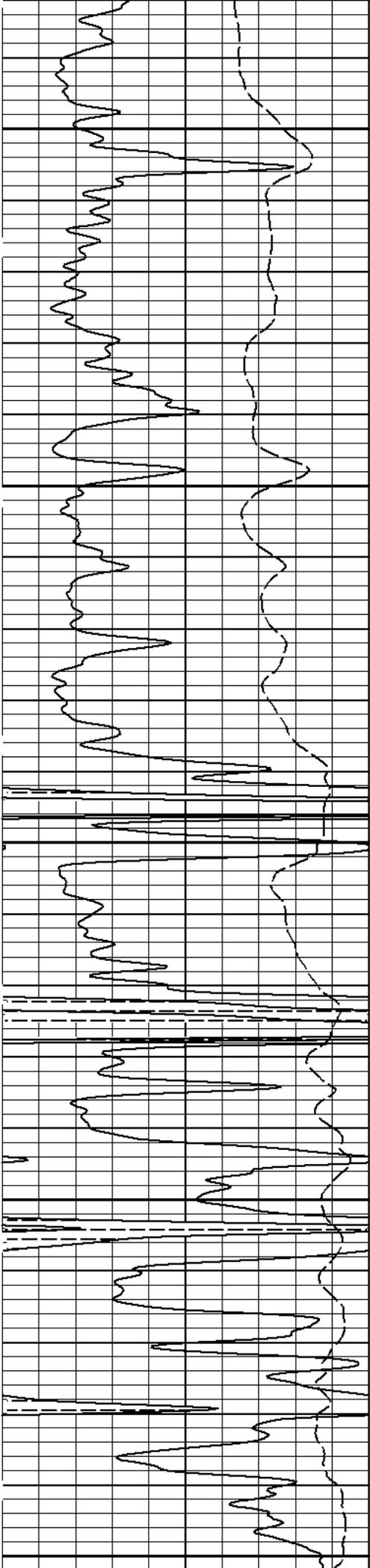




4000

4100

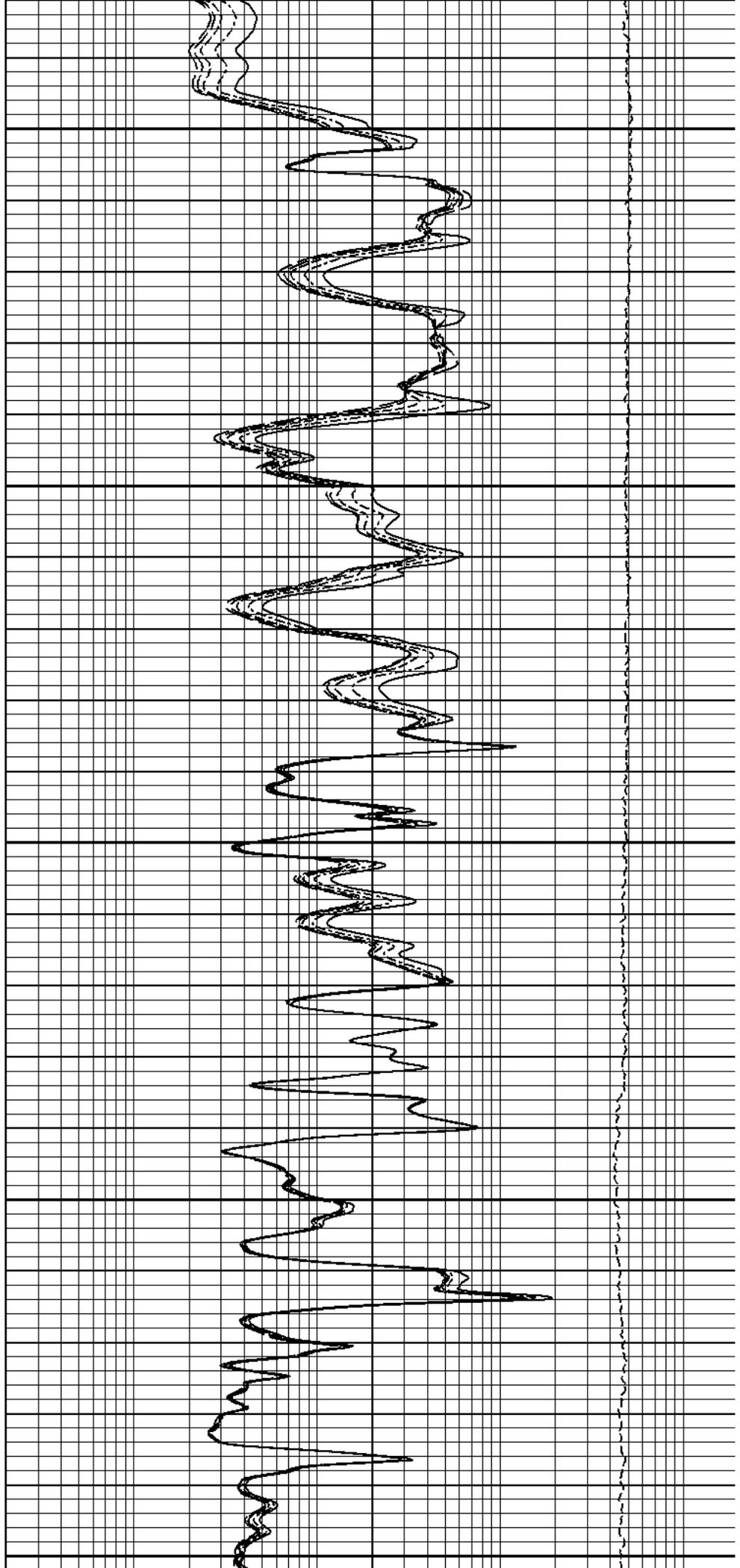


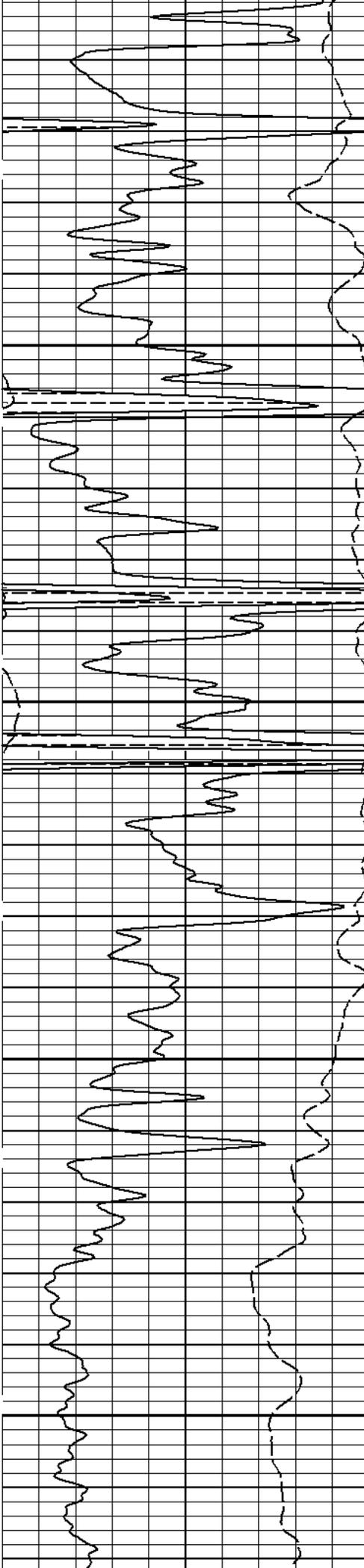


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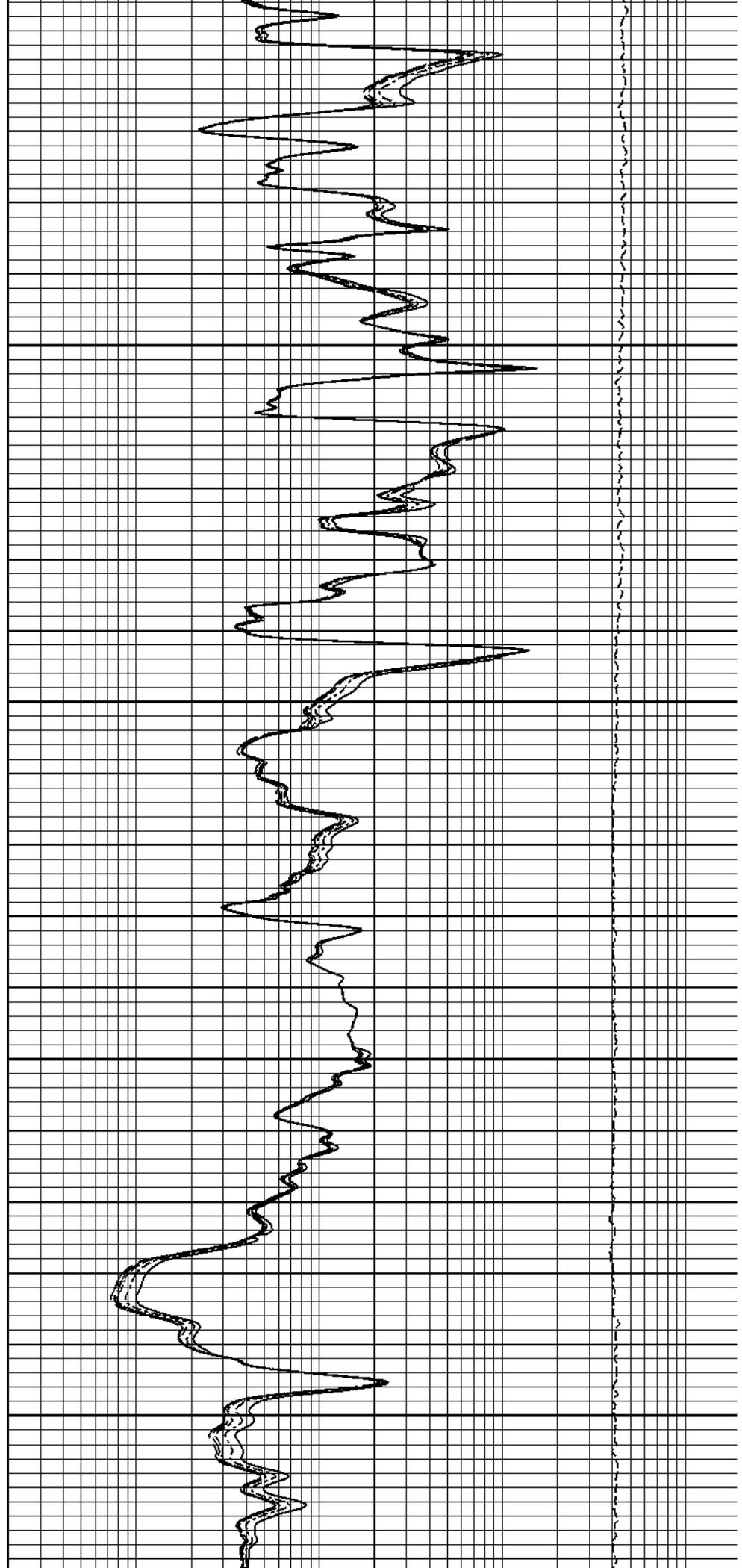
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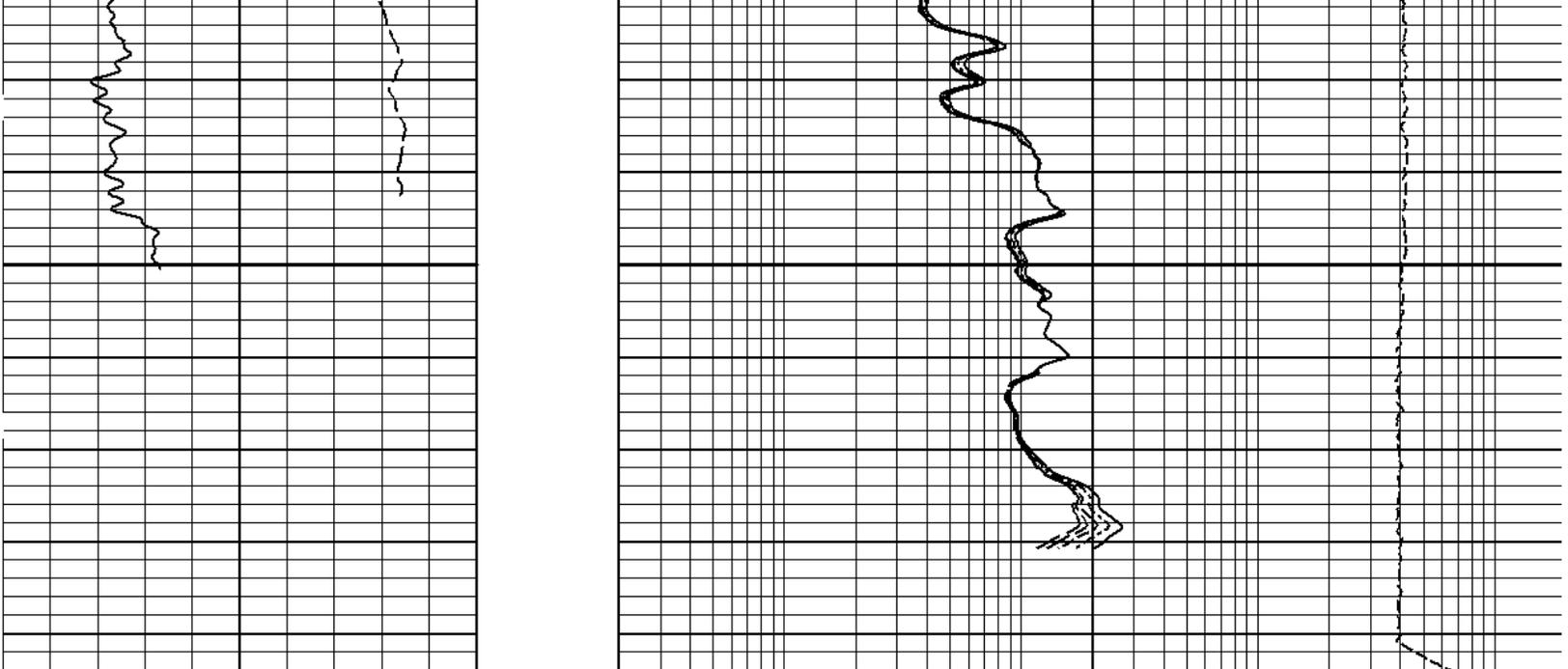




4500

4600





SP	MD	10K	Tension	0
-]20[+	1 : 240		pounds	
0	ft			
Gamma API		0.2	10in Resistivity 2ft Res	2000
150			ohmm	
api		0.2	20in Resistivity 2ft Res	2000
			ohmm	
SHALE		0.2	30in Resistivity 2ft Res	2000
			ohm-metre	
		0.2	60in Resistivity 2ft Res	2000
			ohmm	
		0.2	90in Resistivity 2ft Res	2000
			ohmm	

**HALLIBURTON**

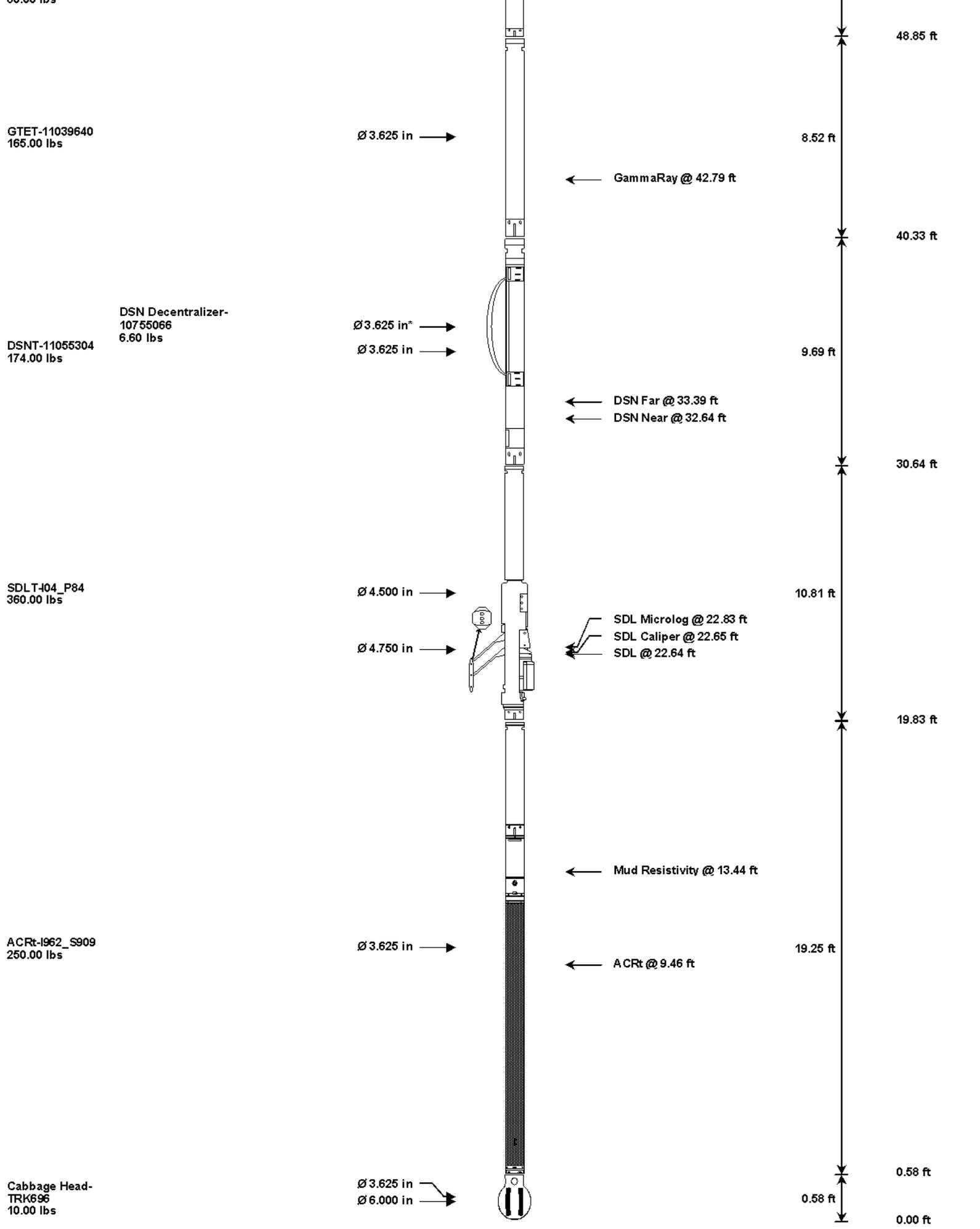
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## REPEAT SECTION

**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 @ 55.54 ft	3.03 ft	56.57 ft
XOHD-TRK696 20.00 lbs		Ø 2.750 in → Ø 3.625 in →			0.95 ft	53.54 ft
SP Sub-PROT01 60.00 lbs		Ø 3.625 in →		← SP @ 50.81 ft	3.74 ft	52.59 ft



Mnemonic	Tool Name	Serial Number	Weight (lbs)	Length (ft)	Accumulated Length (ft)	Max.Log. Speed (fpm)
GTET-11039640			165.00	8.52	8.52	
DSNT-11055304	DSN Decentralizer-10755066		6.60	9.69	18.21	
SDLT404_P84			360.00	10.81	29.02	
ACRt-1962_S909			250.00	19.25	48.27	
Cabbage Head-TRK696			10.00	0.58	48.85	

CH_HUS	Hostile Cable Head With Load Cell	CH_696	37.50	3.03	53.54	300.00
XOHD	Hostile to Dits Cross Over	TRK696	20.00	0.95	52.59	300.00
SP	SP Sub	PROT01	60.00	3.74	48.85	300.00
GTET	Gamma Telemetry Tool	11039640	165.00	8.52	40.33	60.00
DSNT	Dual Spaced Neutron	11055304	174.00	9.69	30.64	60.00
DCNT	DSN Decentralizer	10755066	6.60	5.13 *	33.97	300.00
SDLT	Spectral Density Tool	I04_P84	360.00	10.81	19.83	60.00
ACRt	Array Compensated True Resistivity	I962_S909	250.00	19.25	0.58	300.00
CBHD	Cabbage Head	TRK696	10.00	0.58	0.00	300.00
<b>Total</b>			<b>1,083.10</b>	<b>56.57</b>		

\* Not included in Total Length and Length Accumulation.

Data: TALBOTT\_6\_9\0001 SP-GTET-DSN-SDL-ACRT-CHIDLE Date: 18-Apr-11 08:05:37

# HALLIBURTON

## CALIBRATION REPORT

### ARRAY COMPENSATED TRUE RESISTIVITY SHOP CALIBRATION

**Tool Name:** ACRt - I962\_S909      **Reference Calibration Date:** 24-Jan-11 13:53:22  
**Engineer:** C. HAVERKAMP      **Calibration Date:** 11-Mar-11 11:34:39  
**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	1.0255	1.05	0.95	1.0321	1.05	0.95	1.0299	1.05
A2 (50")	0.95	1.0114	1.05	0.95	1.0180	1.05	0.95	1.0180	1.05
A3 (29")	0.95	1.0170	1.05	0.95	1.0222	1.05	0.95	1.0190	1.05
A4 (17")	0.95	1.0066	1.05	0.95	1.0100	1.05	0.95	1.0098	1.05
A5 (10")	N/A	N/A	N/A	0.95	1.0267	1.05	0.95	1.0246	1.05
A6 (6")	N/A	N/A	N/A	0.95	0.9915	1.05	0.95	0.9895	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	-0.493	2	-6	-3.445	-2	-8	-4.948	-2
A2 (50")	-7	-1.528	-1	-6	-3.286	-2	-7	-4.314	-2
A3 (29")	-27	-14.758	-9	-9	-4.506	-3	-7	-2.630	-1
A4 (17")	-180	-101.969	-60	-45	-30.932	-15	-39	-25.791	-13
A5 (10")	N/A	N/A	N/A	-150	-101.189	-50	-80	-45.953	-10
A6 (6")	N/A	N/A	N/A	175	285.011	525	90	148.959	270

#### TRANSMITTER CURRENT GAIN

Signal	Lower	R	Upper
12K	0.6	0.8947	1.3
36K	1.0	1.3526	2.0
72K	1.0	1.5771	2.0

#### R-MUD VERIFICATION

Signal	Lower (ohm-m)	Measured (ohm-m)	Upper (ohm-m)
Mud Cell	0.95	1.002	1.05

### CALIBRATION SUMMARY

Sensor	Shop	Field	Post	Difference	Tolerance	Units
<b>ACRt-I962_S909</b>						
Mud Cell	1.002			0.000		ohm-m

# HALLIBURTON

## PARAMETERS REPORT

Depth (ft)	Tool Name	Mnemonic	Description	Value	Units
TOP					
	DSNT	DNOK	Process DSN?	No	
	SDLT	DNOK	Process Density?	No	
	SDLT	MLOK	Process MicroLog Outputs?	No	
3040.00					
	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	9.100	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	0.548	ohm m
	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	4691.00	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	
	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	
	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	ohm m
ACRT	RMIN	Maximum Resistivity for MAP	200.00	ohm m
ACRT	THQY	Threshold Quality	0.50	

BOTTOM

Data: TALBOTT\_6\_910001 SP-GTET-DSN-SDL-ACRT-CHIDLE

Date: 18-Apr-11 09:40:56

# HALLIBURTON

## INPUTS, DELAYS AND FILTERS TABLE

Mnemonic	Input Description	Depth Panel	Delay (ft)	Filter Type	Filter Length (ft)
TENS	Tension		0.00	NO	
<b>CH_HOS</b>					
DHTN	DownholeTension		0.00	BLK	0.000
<b>SP Sub</b>					
PLTC	Plot Control Mask		50.81	NO	
SP	Spontaneous Potential		50.81	BLK	1.250
SPR	Raw Spontaneous Potential		50.81	NO	
SPO	Spontaneous Potential Offset		50.81	NO	
<b>GTET</b>					
TPUL	Tension Pull		42.79	NO	
GR	Natural Gamma Ray API		42.79	TRI	1.750
GRU	Unfiltered Natural Gamma Ray API		42.79	NO	
EGR	Natural Gamma Ray API with Enhanced Vertical Resolution		42.79	W	1.416 , 0.750
ACCZ	Accelerometer Z		0.00	BLK	0.083
DEVI	Inclination		0.00	NO	
<b>DSNT</b>					
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	
<b>SDLT</b>					
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
F3X5	ACRT 72KHz - 10in X value	3.72	BLK	0.000
F3R6	ACRT 72KHz - 6in R value	3.47	BLK	0.000
F3X6	ACRT 72KHz - 6in X value	3.47	BLK	0.000
RMUD	Mud Resistivity	12.76	BLK	0.000
F1RT	Transmitter Reference 12 KHz Real Signal	2.97	BLK	0.000
F1XT	Transmitter Reference 12 KHz Imaginary Signal	2.97	BLK	0.000
F2RT	Transmitter Reference 36 KHz Real Signal	2.97	BLK	0.000
F2XT	Transmitter Reference 36 KHz Imaginary Signal	2.97	BLK	0.000
F3RT	Transmitter Reference 72 KHz Real Signal	2.97	BLK	0.000
F3XT	Transmitter Reference 72 KHz Imaginary Signal	2.97	BLK	0.000
TFPU	Upper Feedpipe Temperature Calculated	2.97	BLK	0.000
TFPL	Lower Feedpipe Temperature Calculated	2.97	BLK	0.000
ITMP	Instrument Temperature	2.97	BLK	0.000
TCVA	Temperature Correction Values Loop Off	2.97	NO	
TIDV	Instrument Temperature Derivative	2.97	NO	
TUDV	Upper Temperature Derivative	2.97	NO	
TLDV	Lower Temperature Derivative	2.97	NO	
TRBD	Receiver Board Temperature	2.97	NO	

Data: TALBOTT\_6\_9\0001 SP-GTET-DSN-SDL-ACRT-CHNIDLE

Date: 18-Apr-11 08:26:41

COMPANY **VAL ENERGY INC.**

WELL **TALBOTT #6-9**

FIELD

COUNTY **BARBER** STATE **KANSAS**

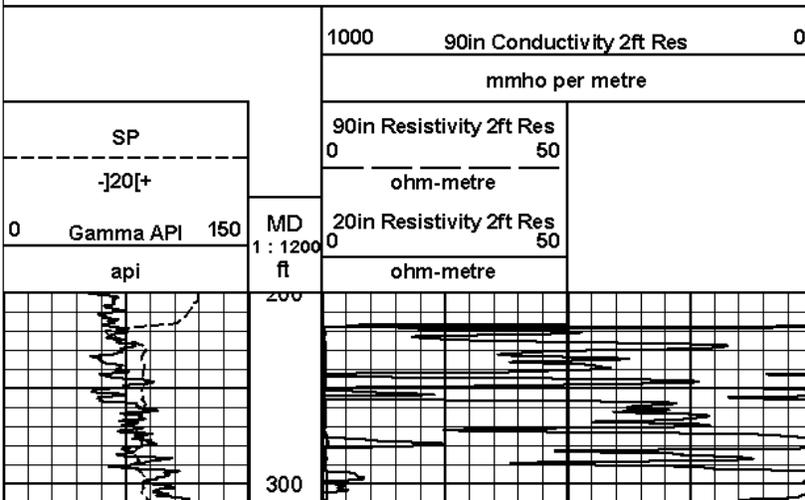
**HALLIBURTON**

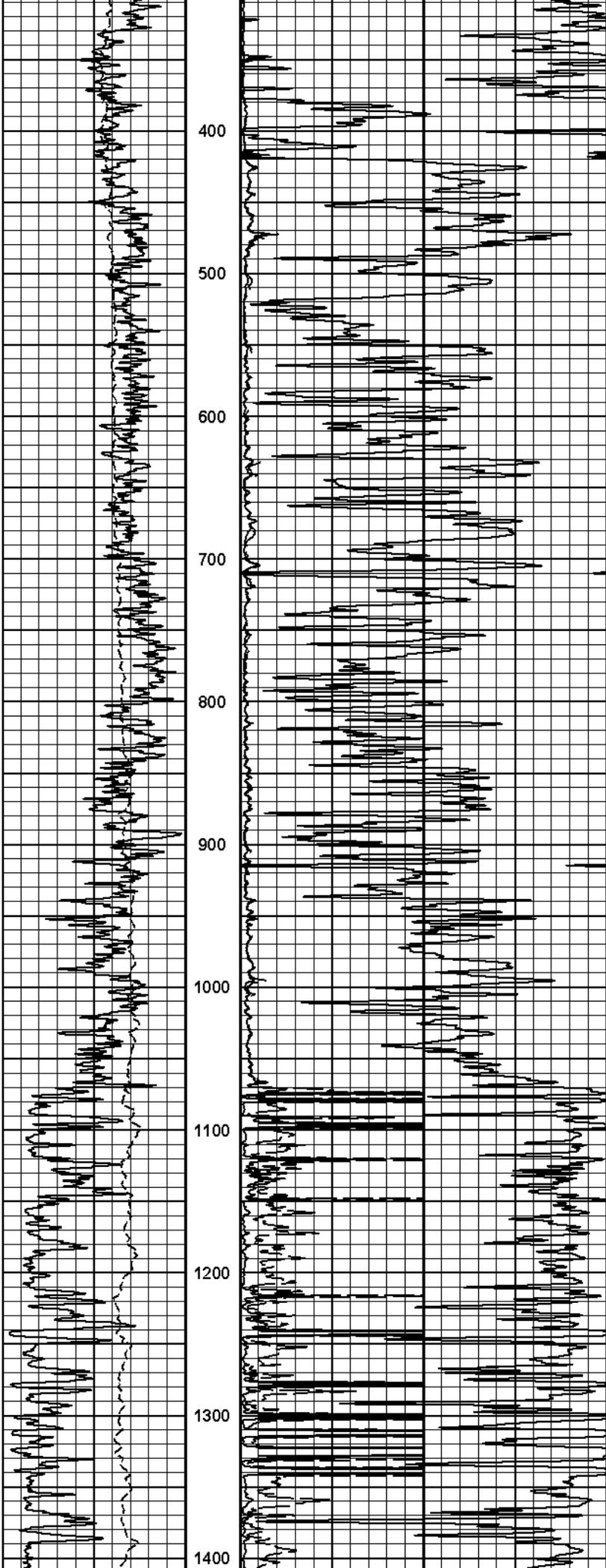
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TRUE RESISTIVITY  
LOG**

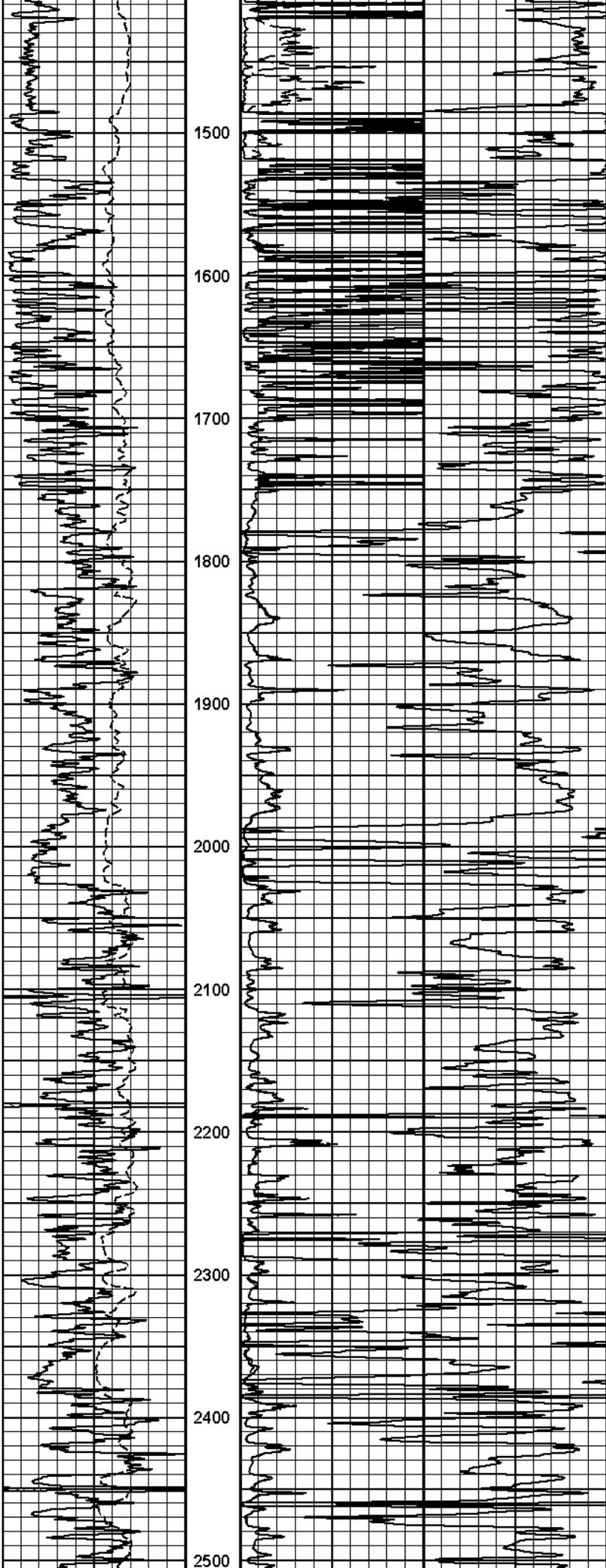
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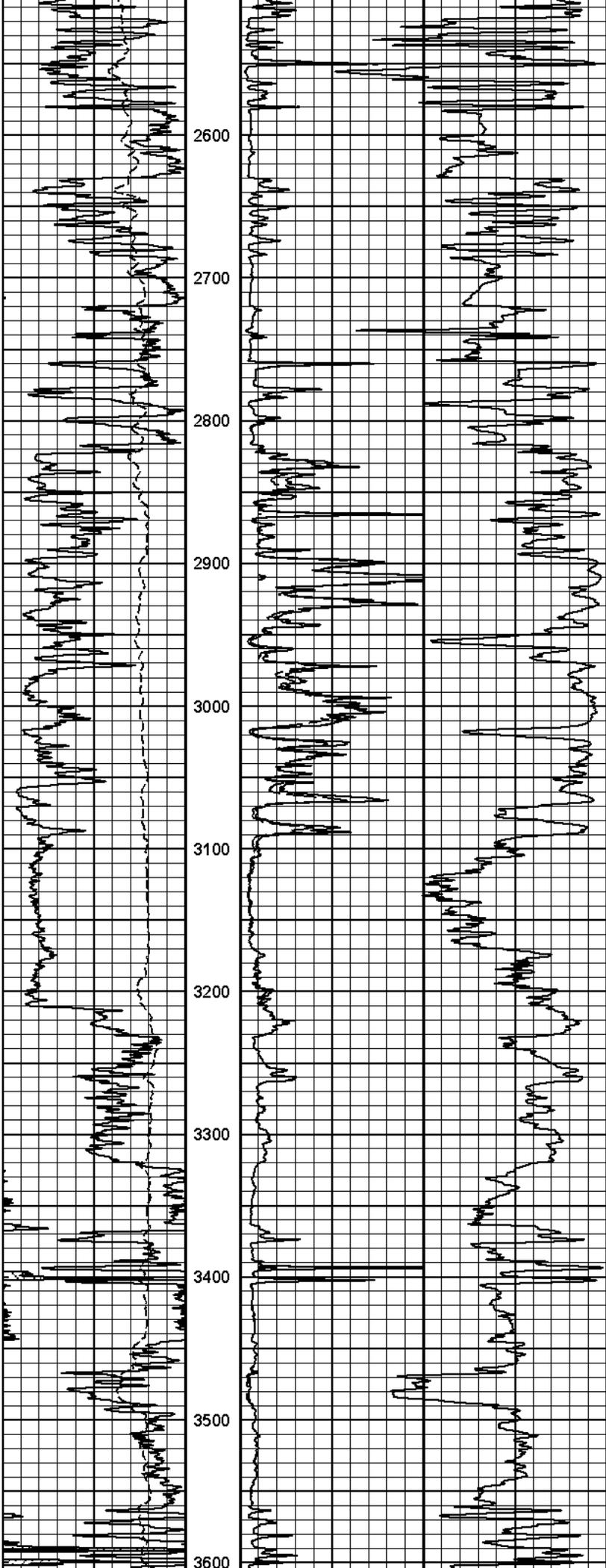
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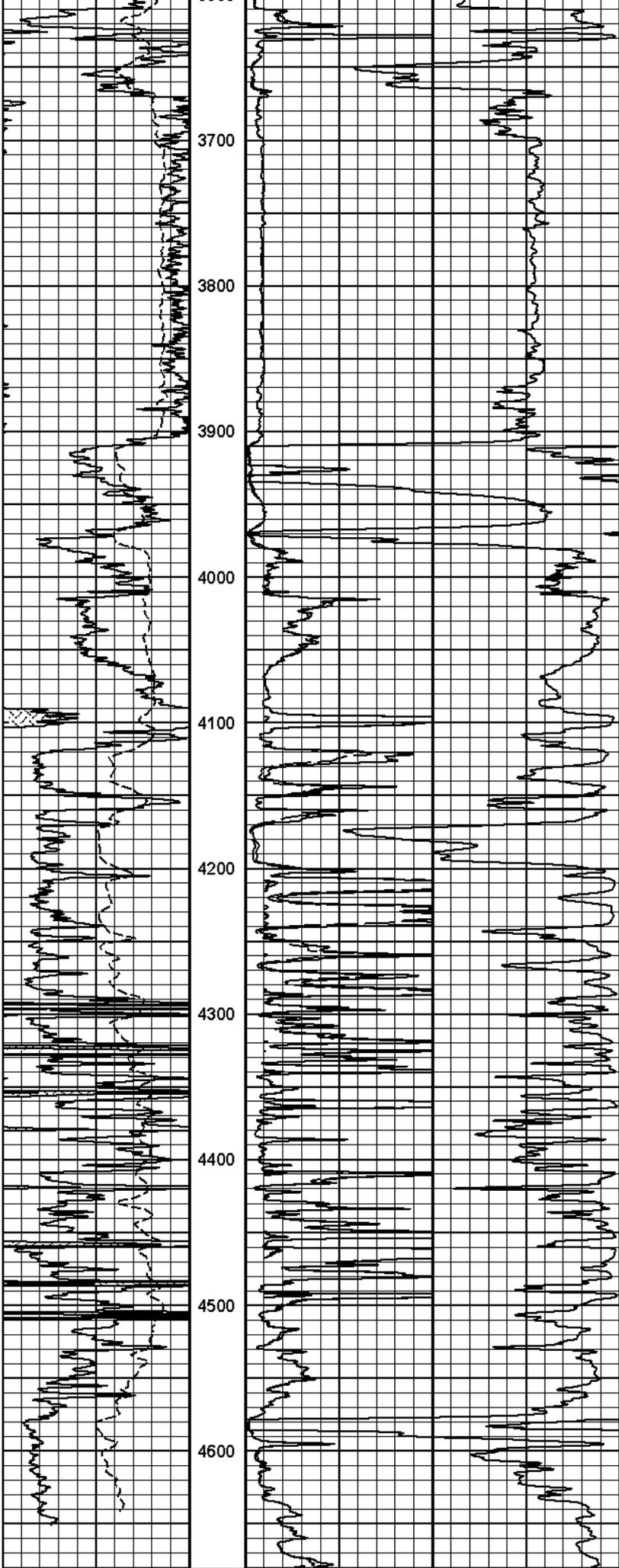
**1 INCH MAIN LOG**











0 Gamma API 150 MD 20in Resistivity 2ft Res

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

**HALLIBURTON**

Plot Time: 18-Apr-11 10:59:49  
 Plot Range: 200 ft to 4680.75 ft  
 Data: TALBOTT\_6\_9\Well Based\DAQ-0001-003\  
 Plot File: \\-LOCAL-ITALBOTT\_6\_9\Well Based\ACRT\ACRT\_1\_lib

**1 INCH MAIN LOG**