

HALLIBURTON

ARRAY COMPENSATED TRUE RESISTIVITY LOG

COMPANY		AGV CORP	
WELL		SPICER A-6	
FIELD		TRAFFAS	
COUNTY		BARBER	
STATE		KANSAS	
Permanent Datum		GL	
Log measured from		KB	
Drilling measured from		KB	
Date	21-Jan-12		
Run No.	ONE		
Depth - Driller	4983.00 ft		
Depth - Logger	4974.0 ft		
Bottom - Logged Interval	4964.0 ft		
Top - Logged Interval	265.0 ft		
Casing - Driller	8.625 in @ 265.0 ft		
Casing - Logger	265.0 ft		
Bit Size	7.875 in		
Type Fluid in Hole	WATER BASED MUD		
Density	9.5 ppq	46.00	s/qt
PH	10.50 pH	9.6	cp/m
Source of Sample	FLOW LINE		
Rm @ Meas. Temperature	1.043 ohmm @ 50.00 degF		
Rmf @ Meas. Temperature	0.94 ohmm @ 50.00 degF		
Rmc @ Meas. Temperature	1.210 ohmm @ 50.00 degF		
Source Rmf	MEAS	MEAS	
Rm @ BHT	0.47 ohmm @ 110.0 degF		
Time Since Circulation	4.0 hr		
Time on Bottom	21-Jan-12 03:45		
Max. Rec. Temperature	110.0 degF @ 4974.0 ft		
Equipment	10546696	LIBERAL	
Recorded By	C.PARKER		
Witnessed By	K.ROBERTS		

COMPANY	AGV CORP
WELL	SPICER A-6
FIELD	TRAFFAS
COUNTY	BARBER
STATE	KANSAS
API No.	15-007-23815-00-00
Location	1344' FSL & 442' FEL
Other Services:	SDL/DSN/MICRO
	MRIL

Fold here

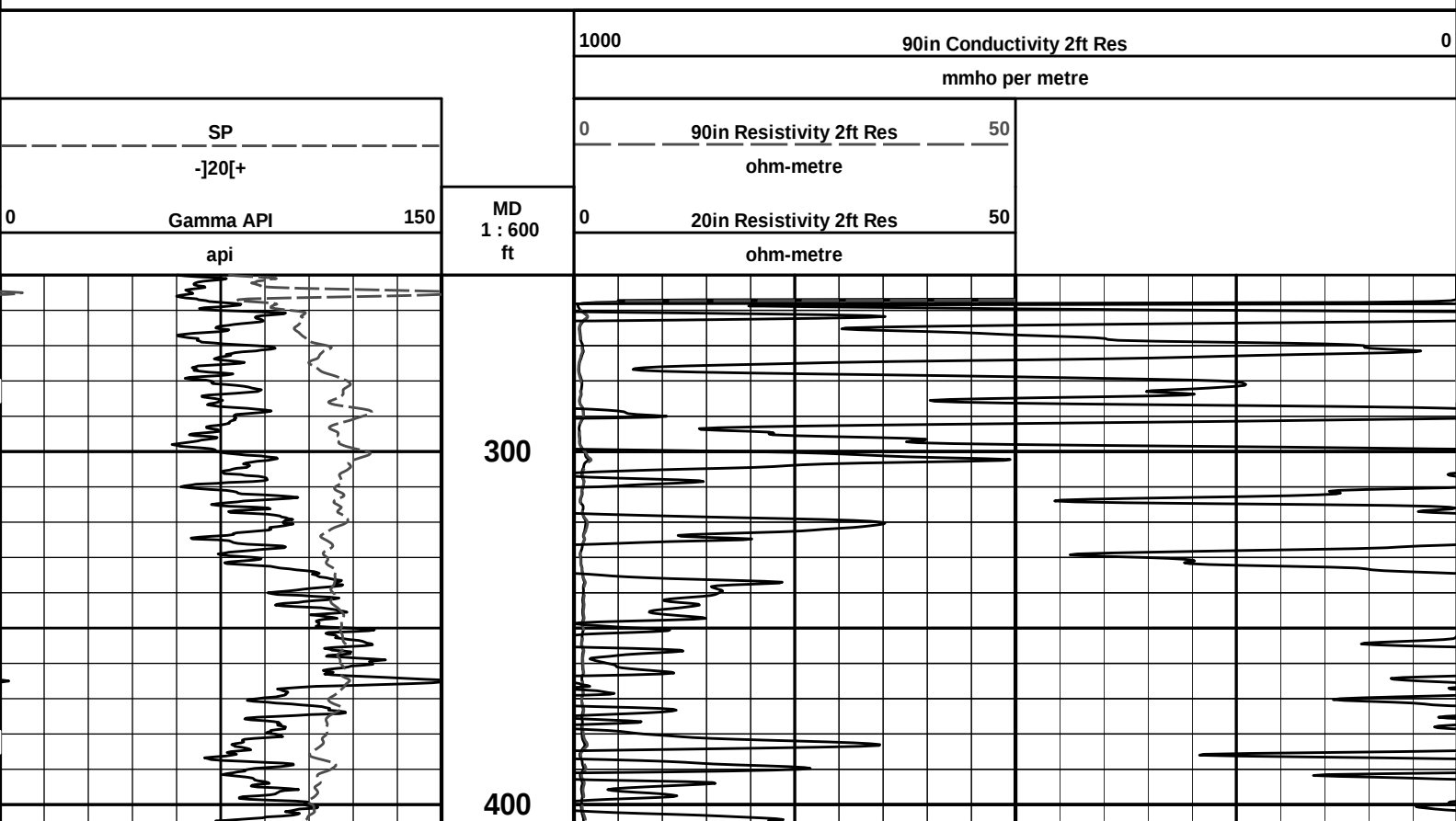
Service Ticket No.: 9221786				API Serial No.: 15-007-23815-00-00				PGM Version: WL INSITE R3.4.2 (Build 2)							
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE								RESISTIVITY SCALE CHANGES							
Date		Sample No.						Type Log		Depth		Scale Up Hole		Scale Down Hole	
Depth-Driller															
Type 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.	
Rmf @ Meas. Temp.		@		@				ONE		ACRT S909		N/A		1.5"S.O.	
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		.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			

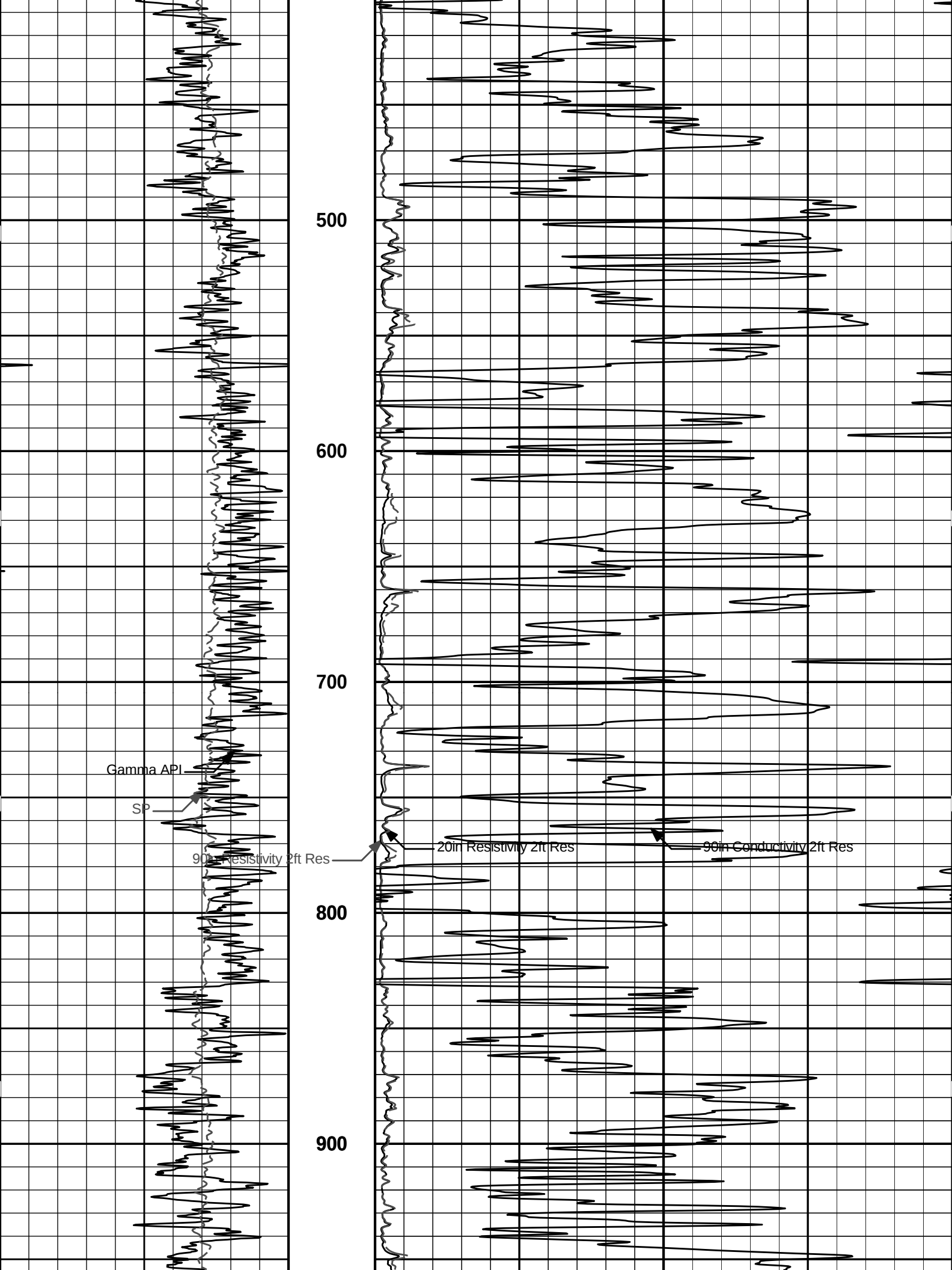
GENERAL			GAMMA		ACOUSTIC		DENSITY		NEUTRON		
Run	Depth		Speed	Scale		Scale		Matrix	Scale		Matrix
No.	From	To	ft/min	L	R	L	R		L	R	
ONE	TD	CSG	REC	0	150						
DIRECTIONAL INFORMATION											
Maximum Deviation @								KOP @			
Remarks: AHV CALCULATED FOR 5.5 INCH CASING											
CHLORIDES 5500 MG/L:											
POST VERFICATION NOT PERFORMED DUE TO WEATHER											
TODAY'S CREW: V.JAIME, K.KING											
THANK YOU FOR CHOOSING HALLIBURTON ENERGY SERVICES LIBERAL, KANSAS: 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											

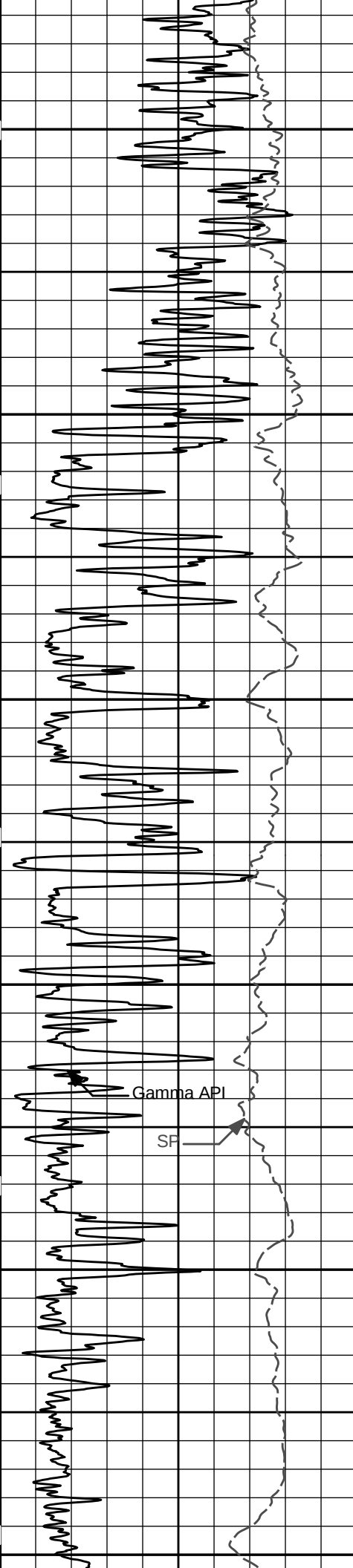
HALLIBURTON

Plot Time: 21-Jan-12 04:46:38
Plot Range: 250 ft to 4978 ft
Data: SPICER_A_6\Well Based\DAQ-0001-003\
Plot File: \\-LOCAL-\\ACRT\\ACRT_2_lib

2 INCH MAIN LOG







1000

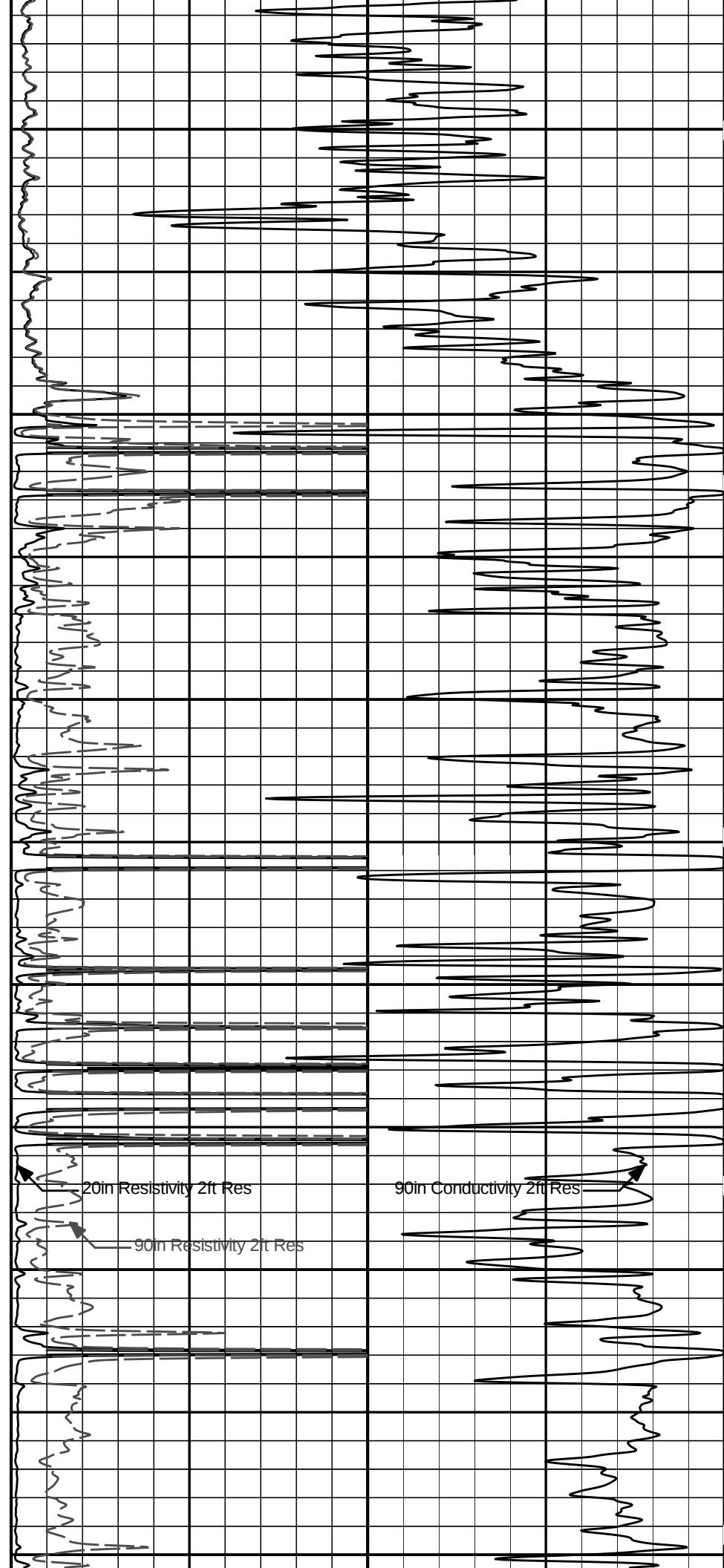
1100

1200

1300

1400

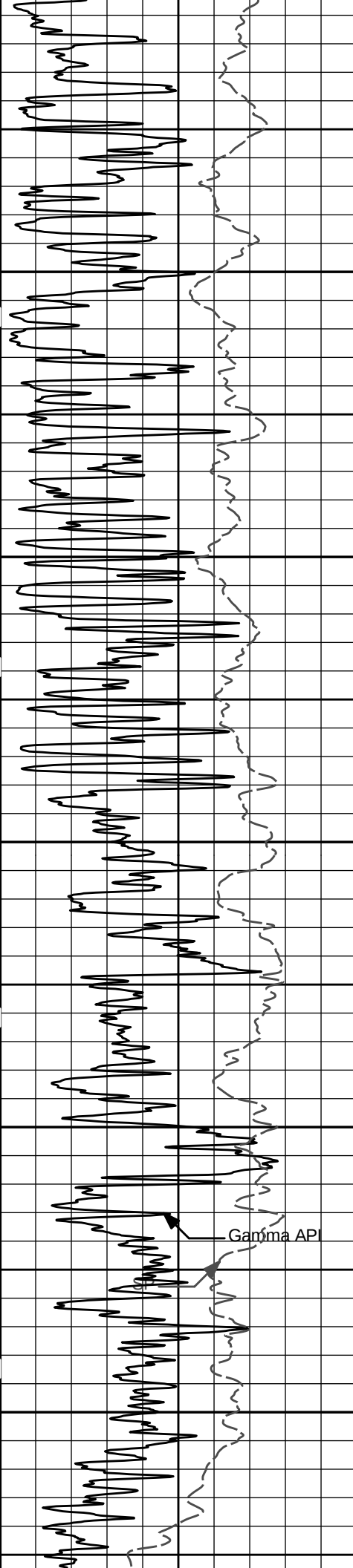
1500



20in Resistivity 2ft Res

90in Resistivity 2ft Res

90in Conductivity 2ft Res



1600

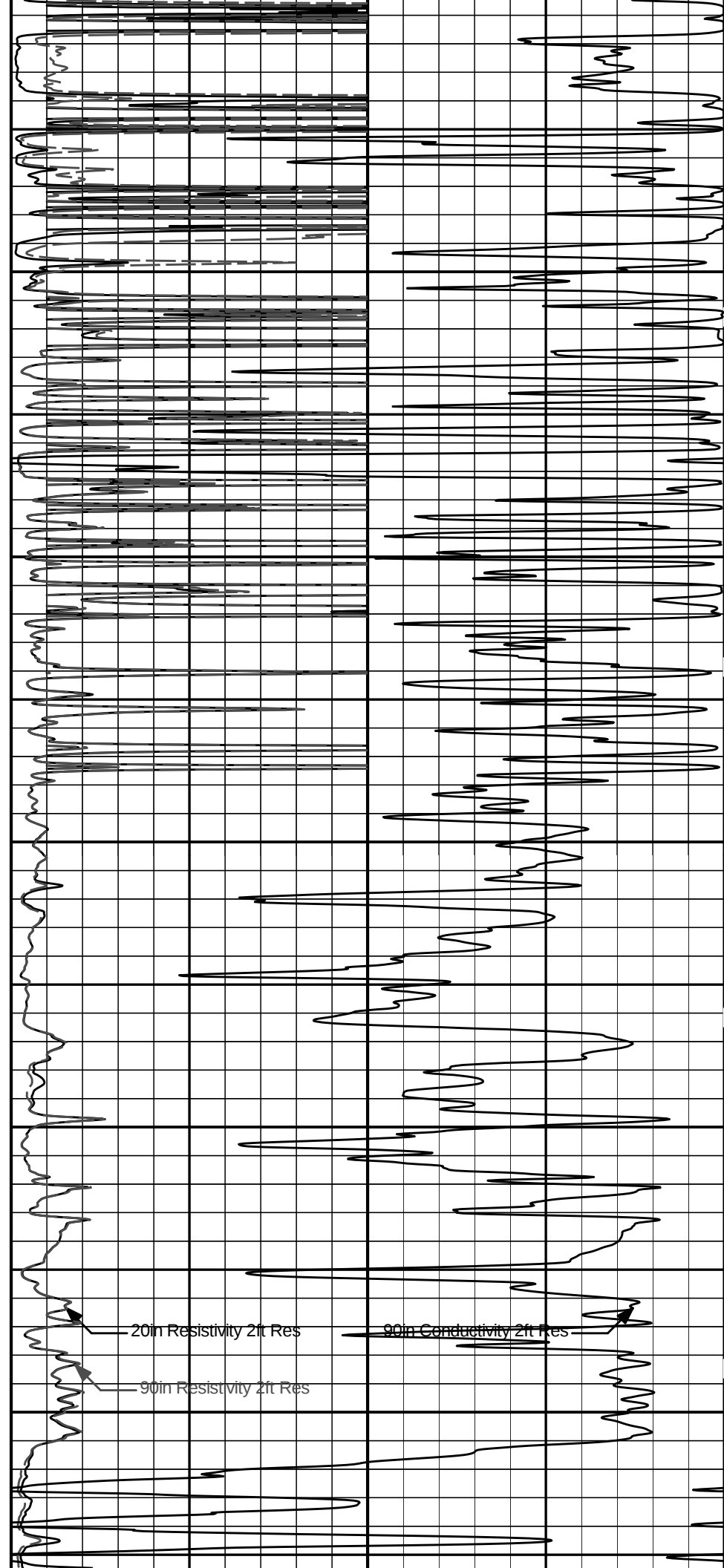
1700

1800

1900

2000

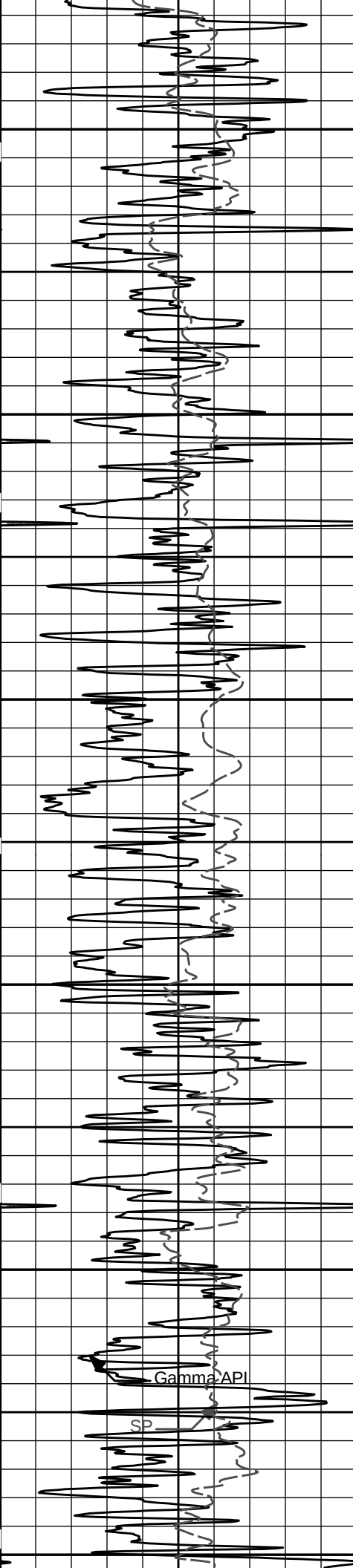
Gamma API



20in Resistivity 2ft Res

90in Resistivity 2ft Res

90in Conductivity 2ft Res



2100

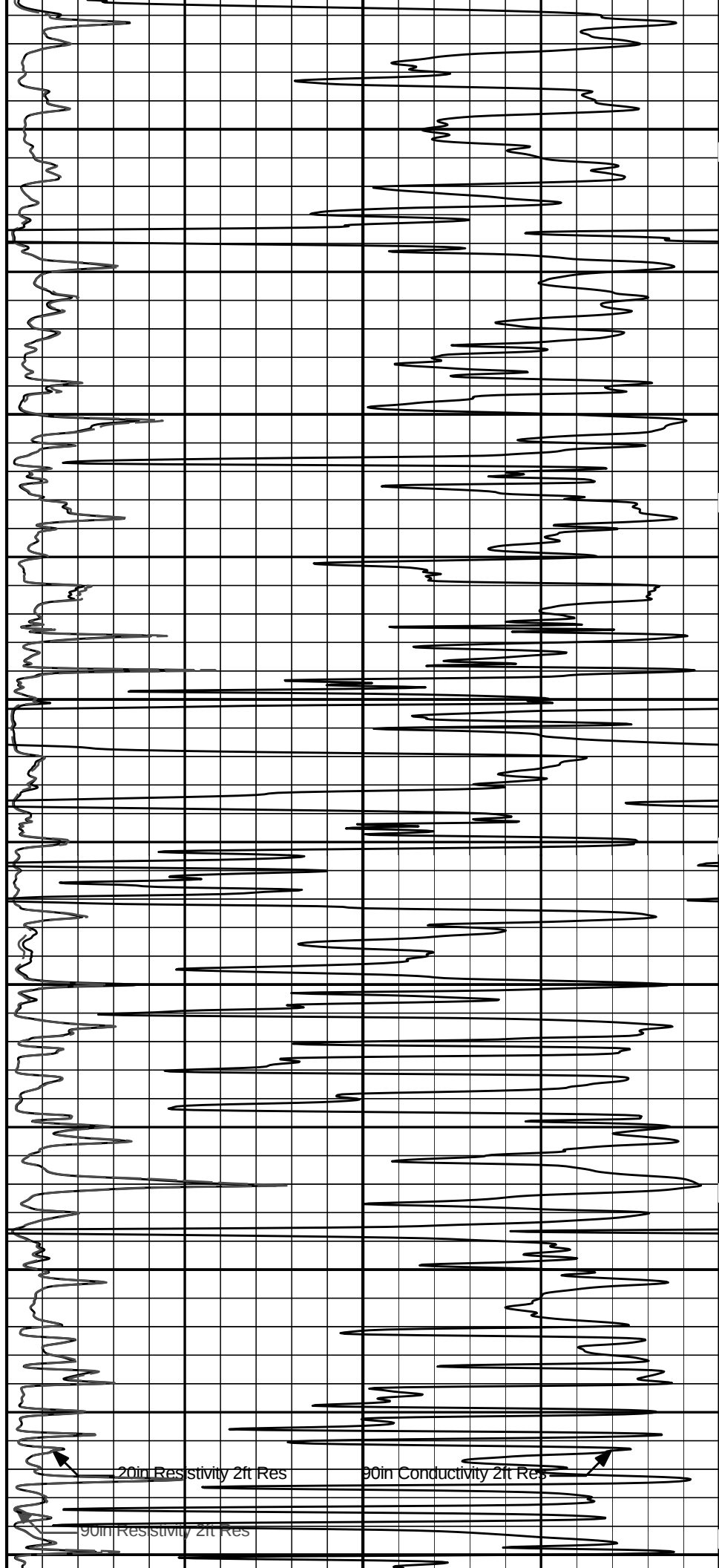
2200

2300

2400

2500

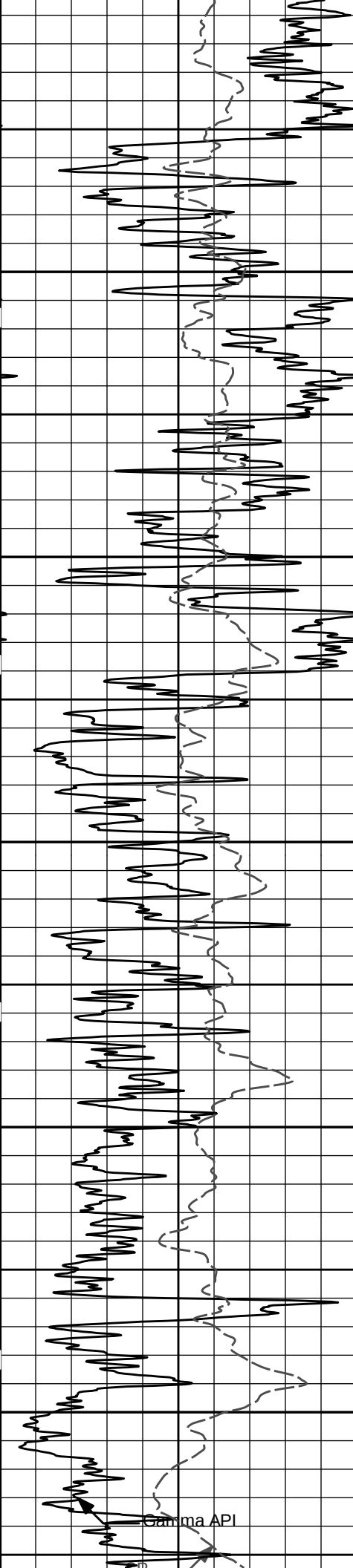
2600



20in Resistivity 2ft Res

90in Conductivity 2ft Res

90in Resistivity 2ft Res



2700

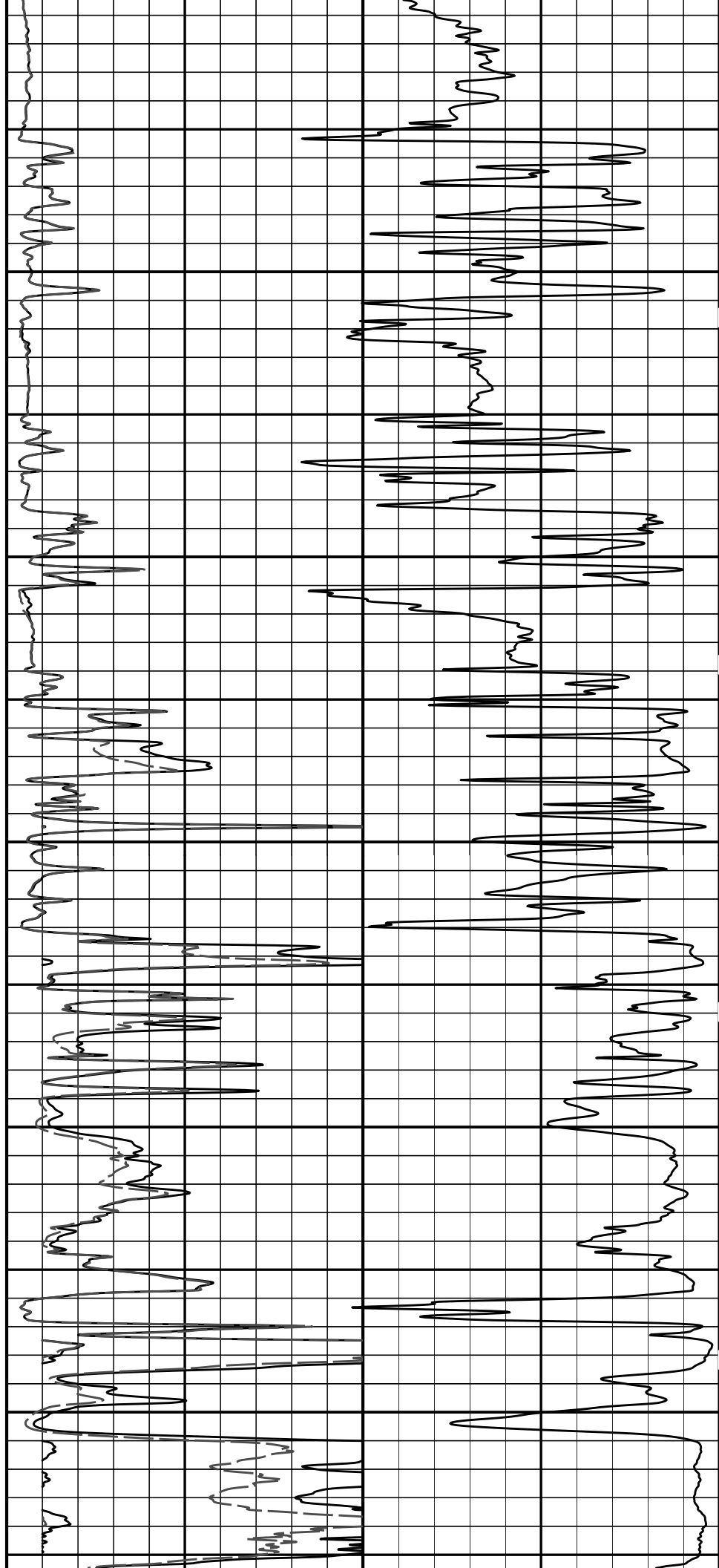
2800

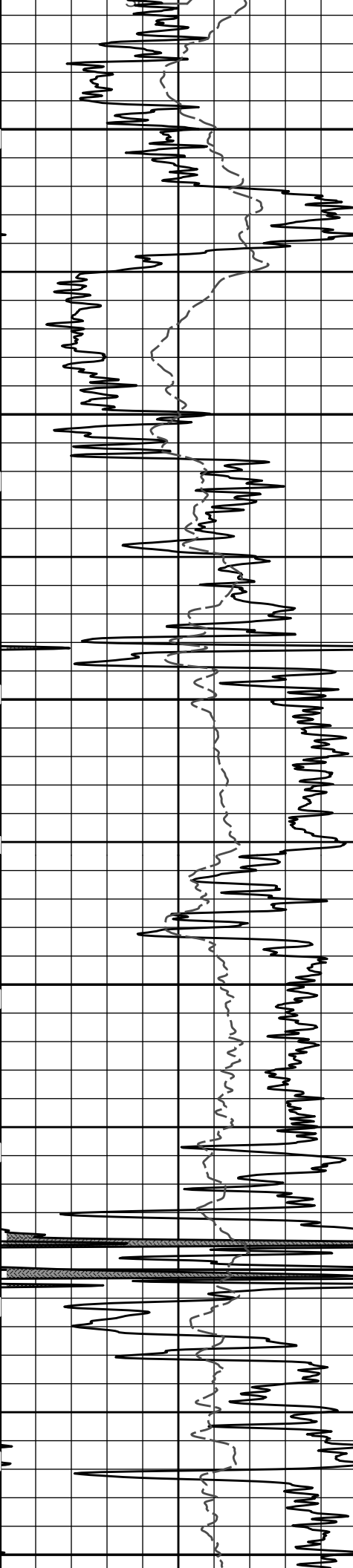
2900

3000

3100

Gamma API





3200

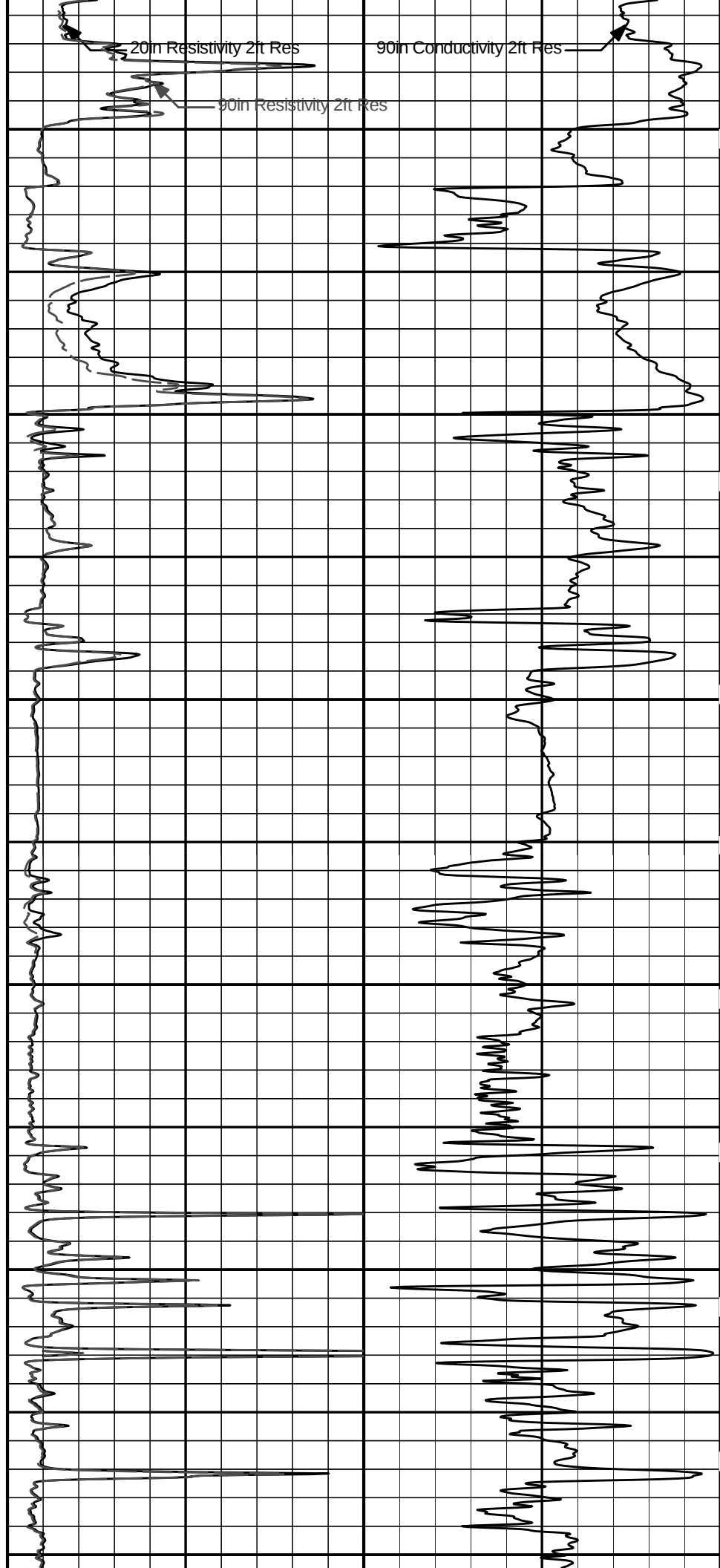
3300

3400

3500

3600

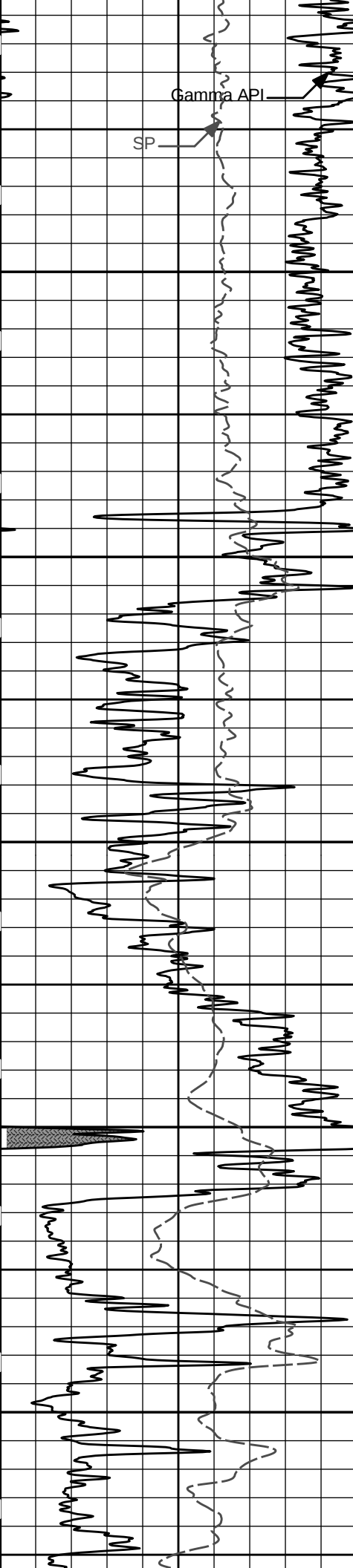
3700



20in Resistivity 2ft Res

90in Conductivity 2ft Res

90in Resistivity 2ft Res



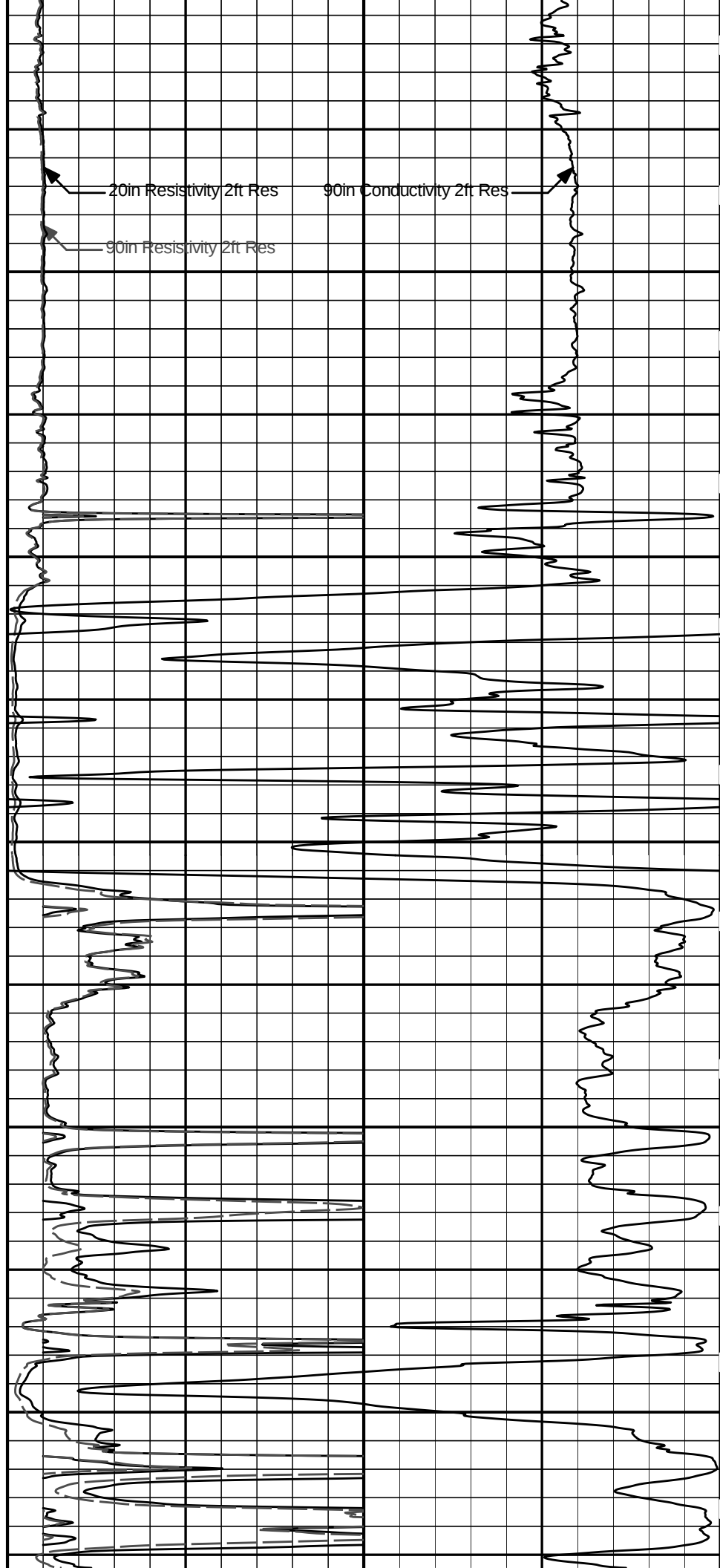
3800

3900

4000

4100

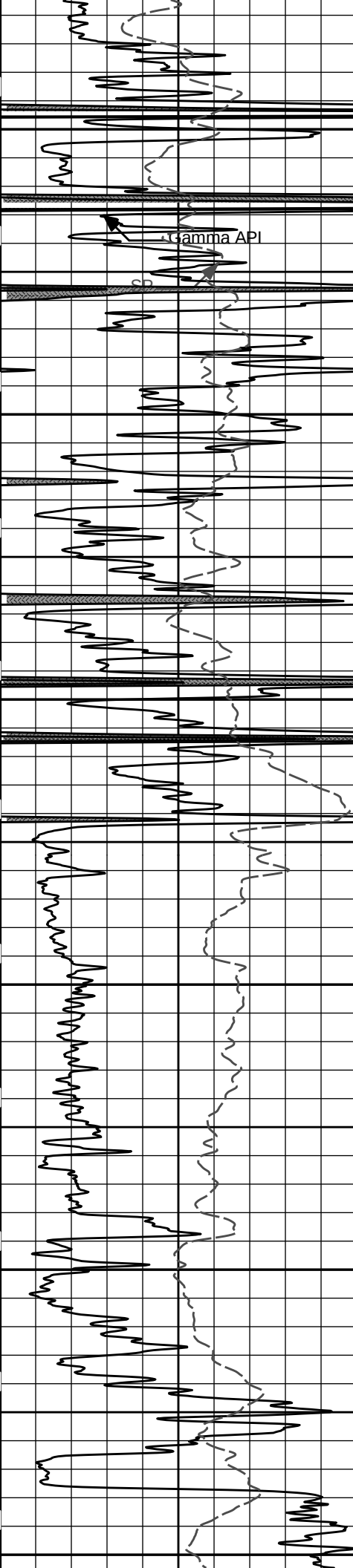
4200



20in Resistivity 2ft Res

90in Conductivity 2ft Res

90in Resistivity 2ft Res



4300

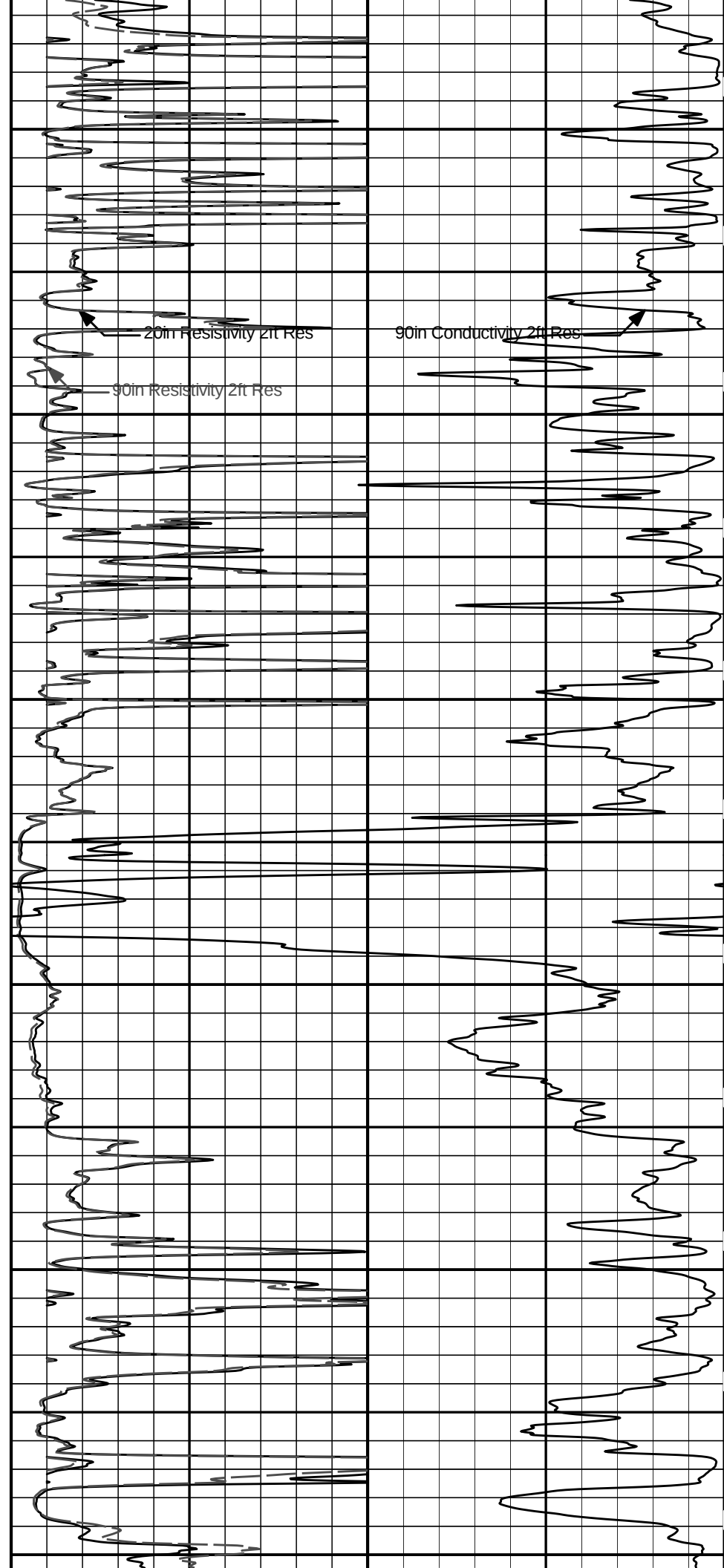
4400

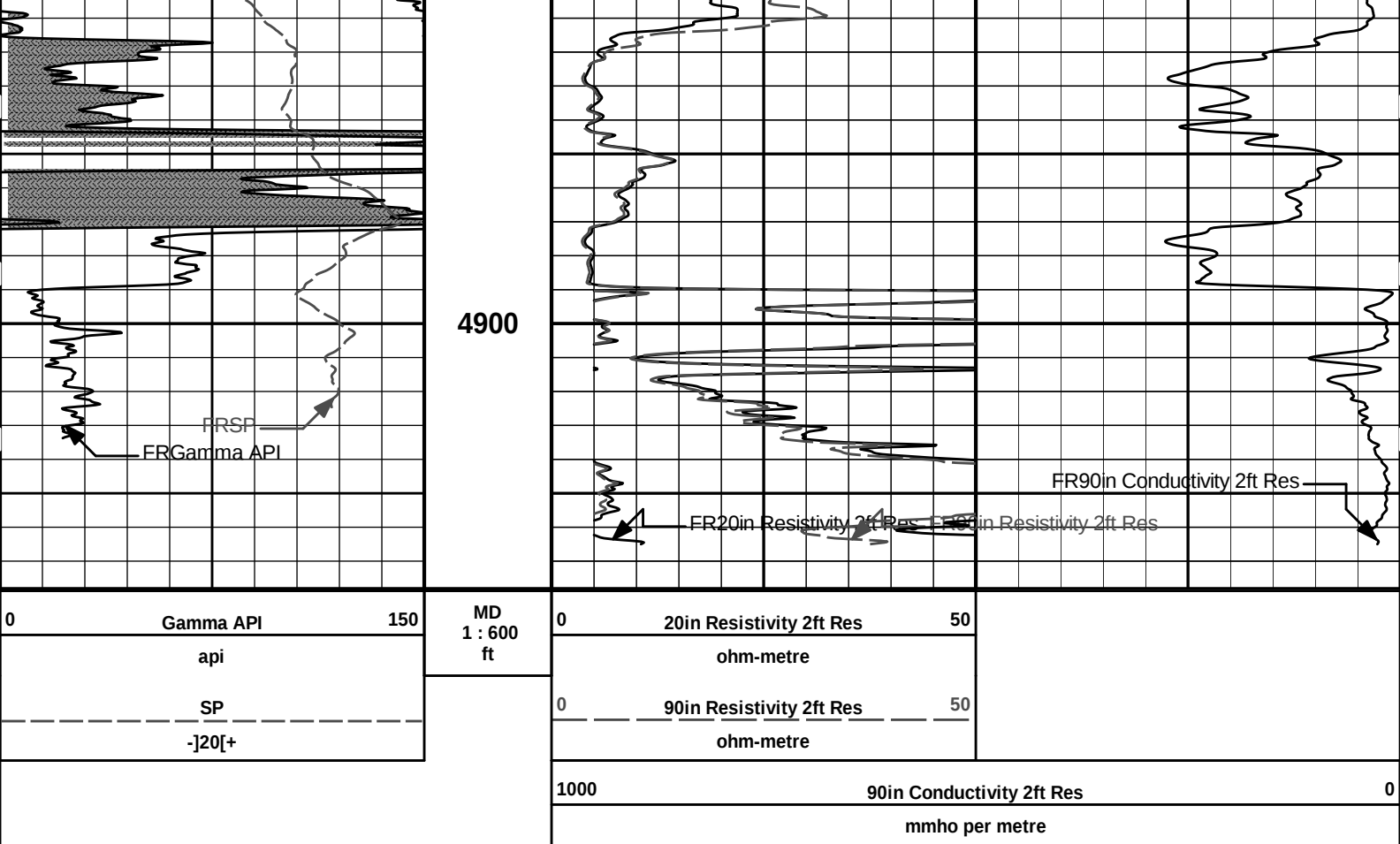
4500

4600

4700

4800





HALLIBURTON

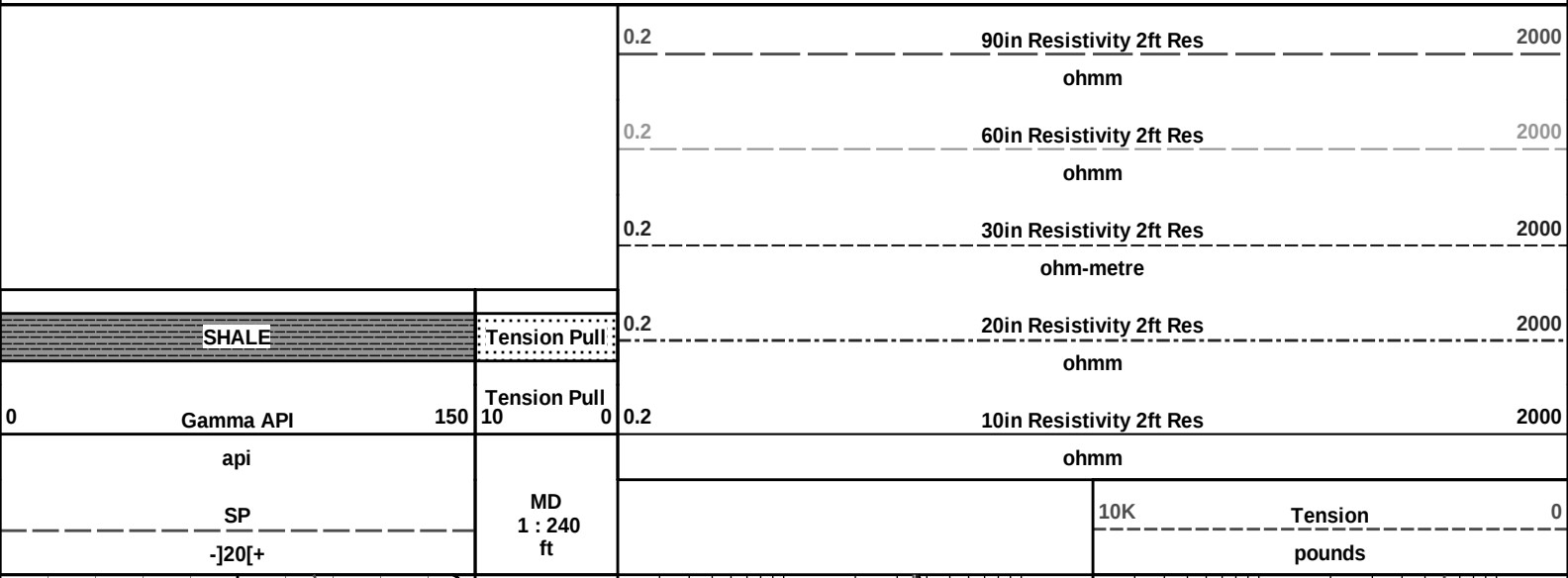
Plot Time: 21-Jan-12 04:46:54
Plot Range: 250 ft to 4978 ft
Data: SPICER_A_6\Well Based\DAQ-0001-003\
Plot File: \\-LOCAL-\\ACRT\\ACRT_2_lib

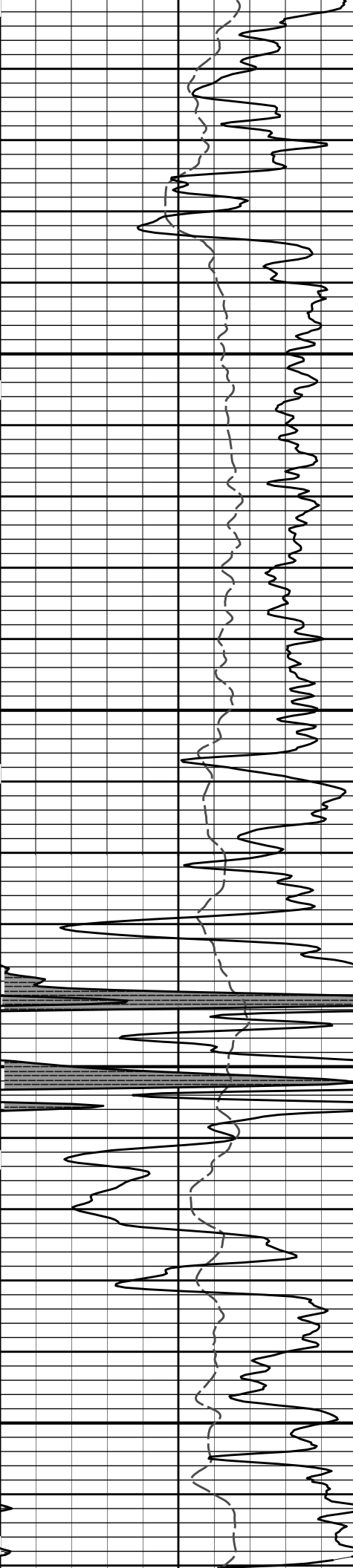
2 INCH MAIN LOG

HALLIBURTON

Plot Time: 21-Jan-12 04:46:54
Plot Range: 3450 ft to 4978 ft
Data: SPICER_A_6\Well Based\DAQ-0001-003\
Plot File: \\-LOCAL-\\ACRT\\ACRT_5_main_lib

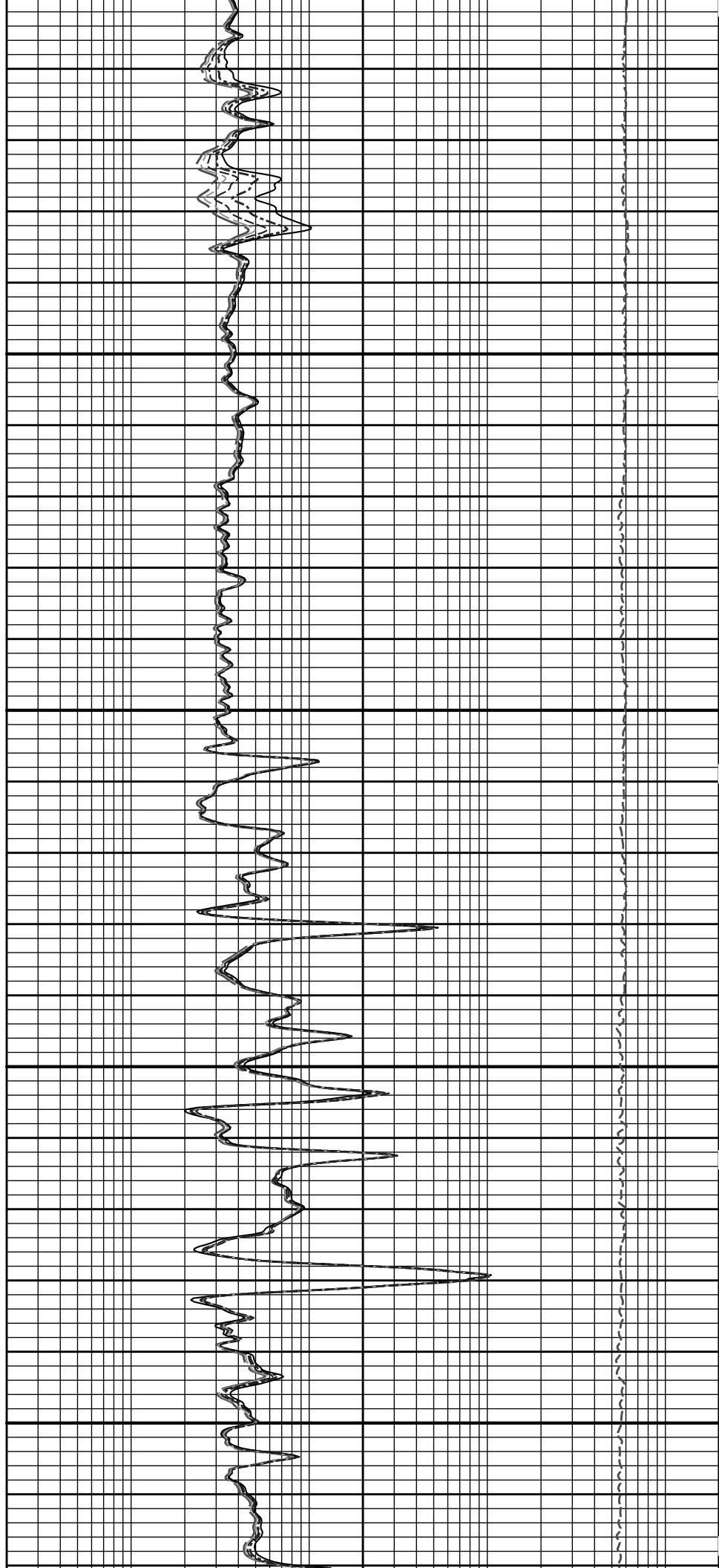
5 INCH MAIN LOG





3500

3600



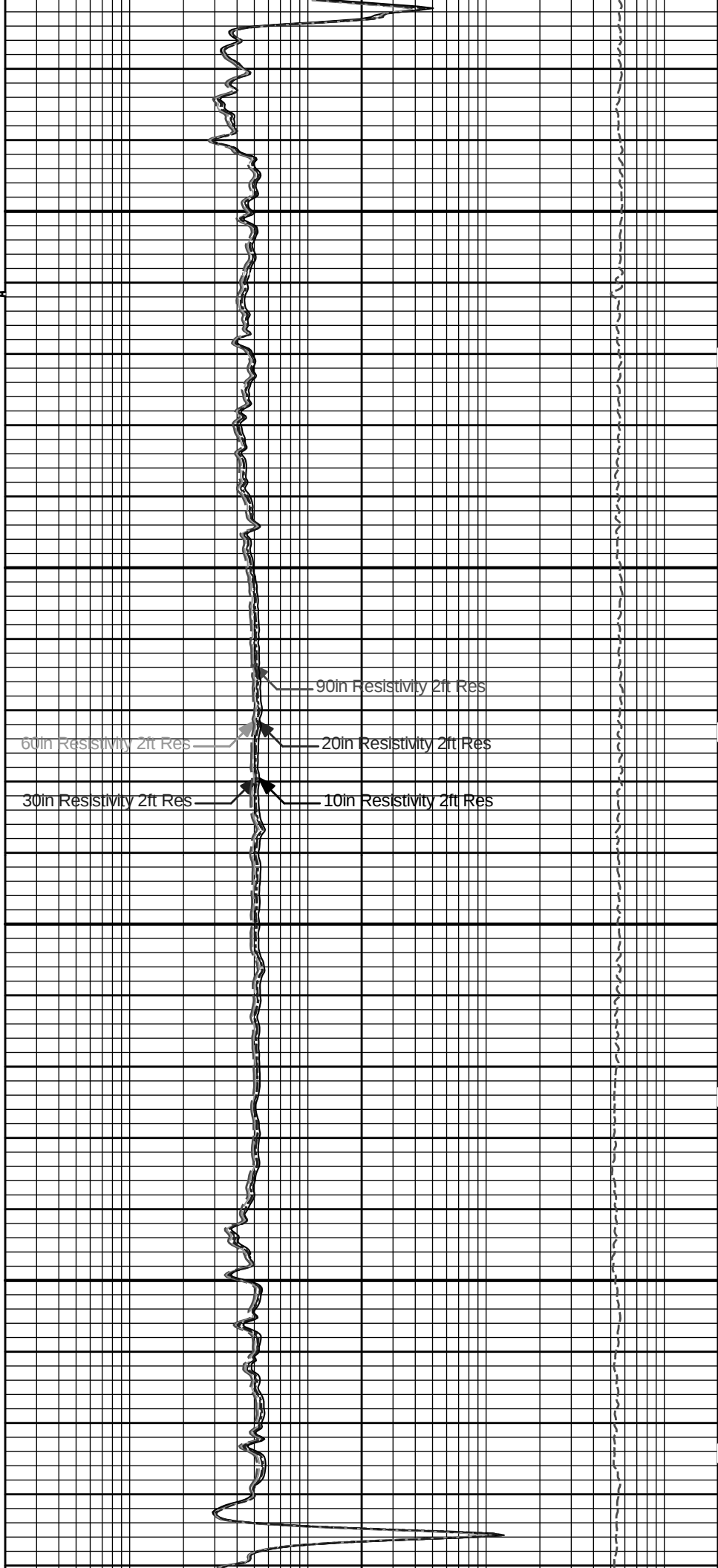


3700

SP

Gamma API

3800



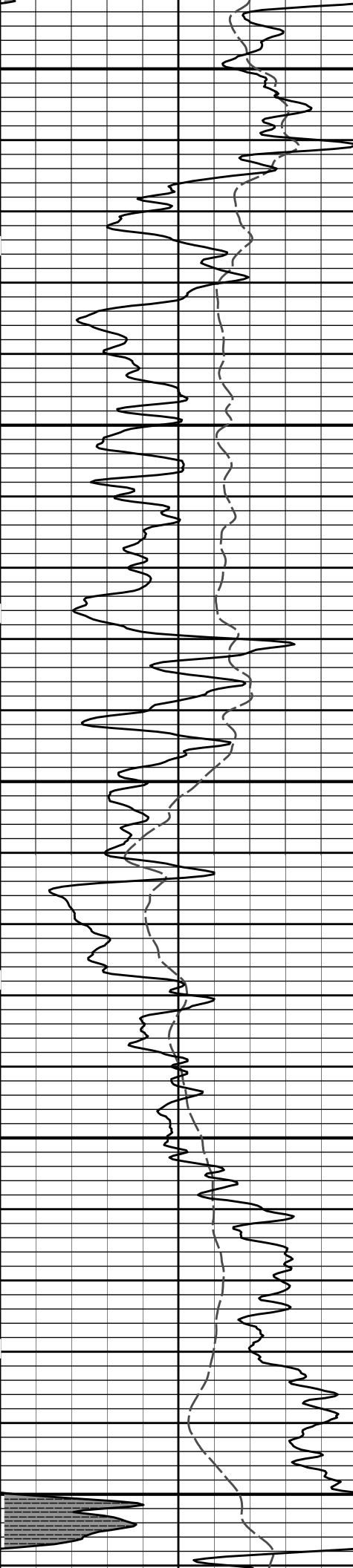
90in Resistivity 2ft Res

60in Resistivity 2ft Res

20in Resistivity 2ft Res

30in Resistivity 2ft Res

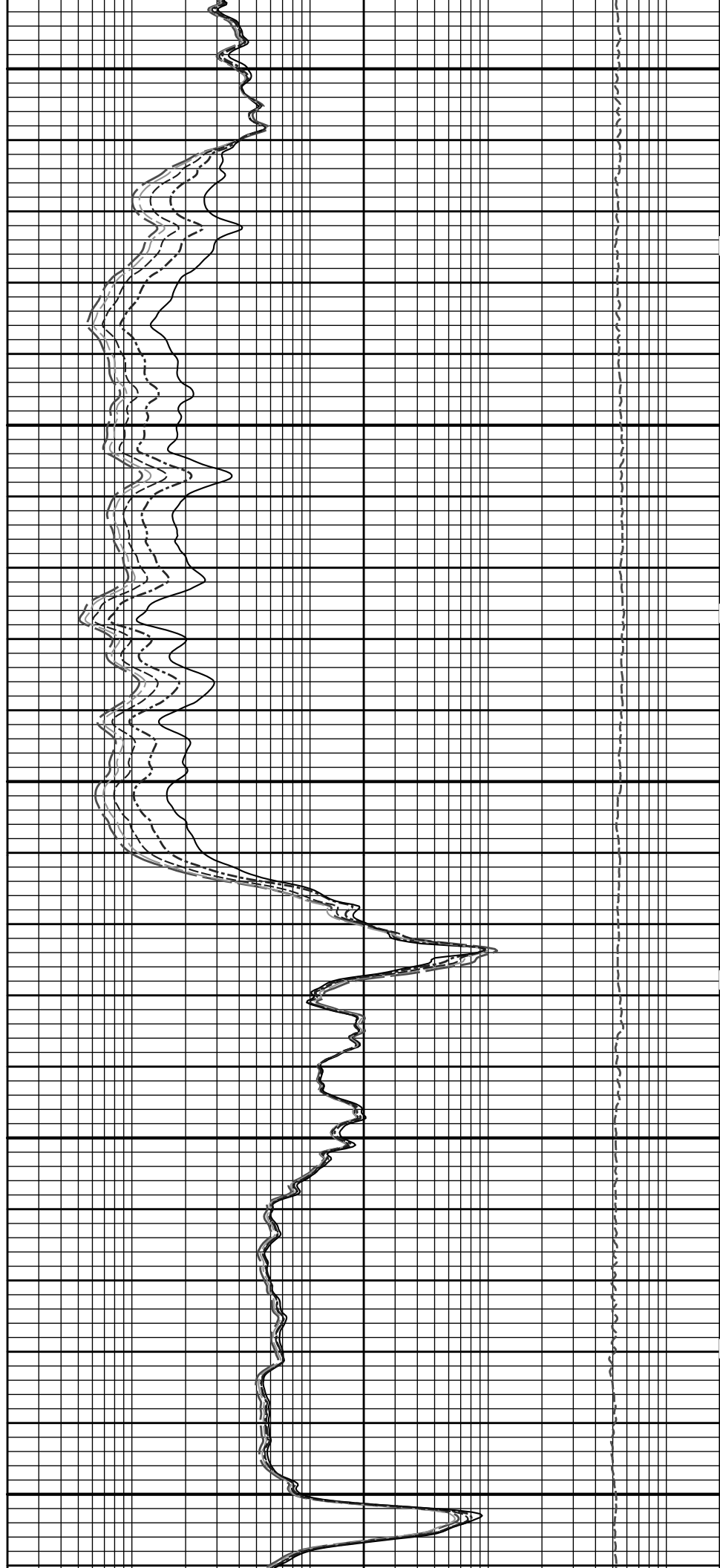
10in Resistivity 2ft Res

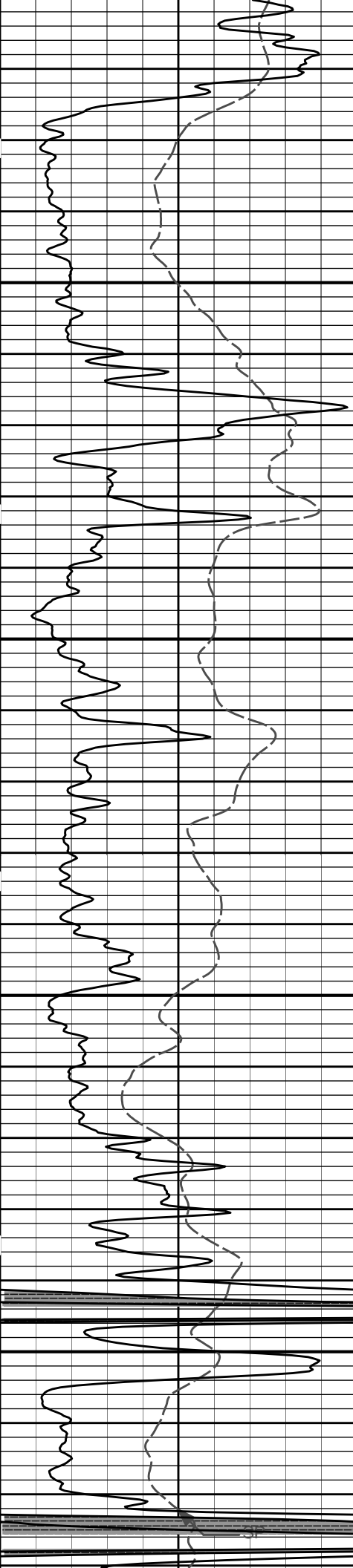


3900

4000

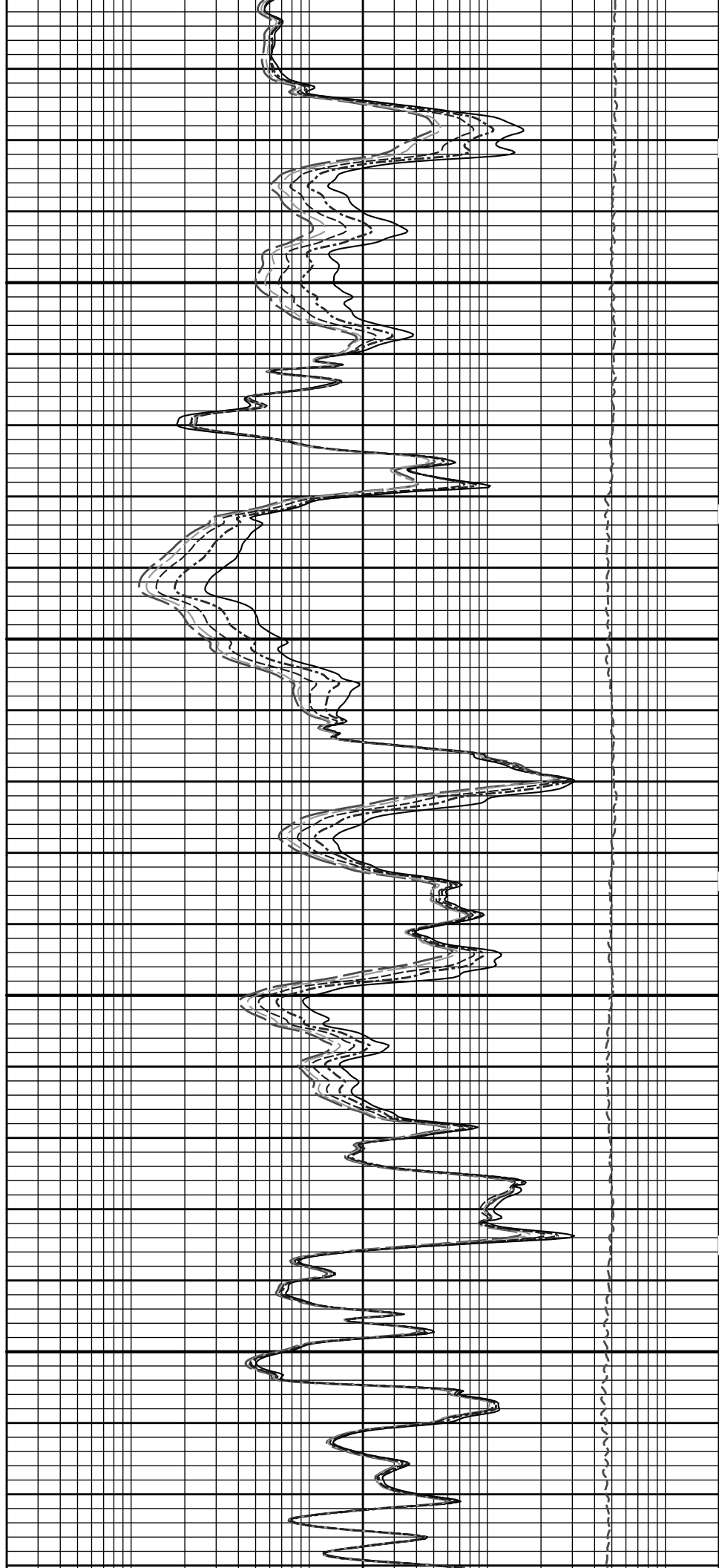
4100

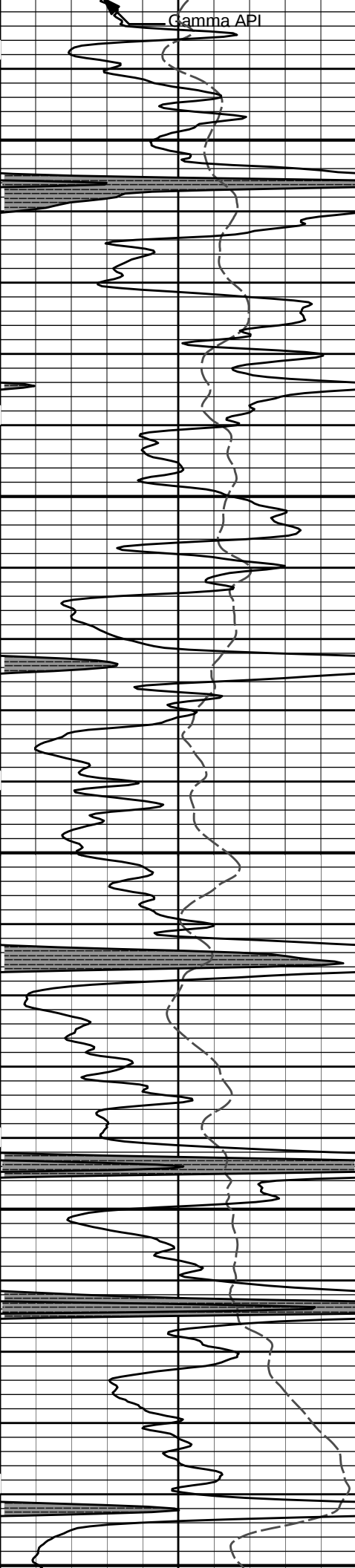




4200

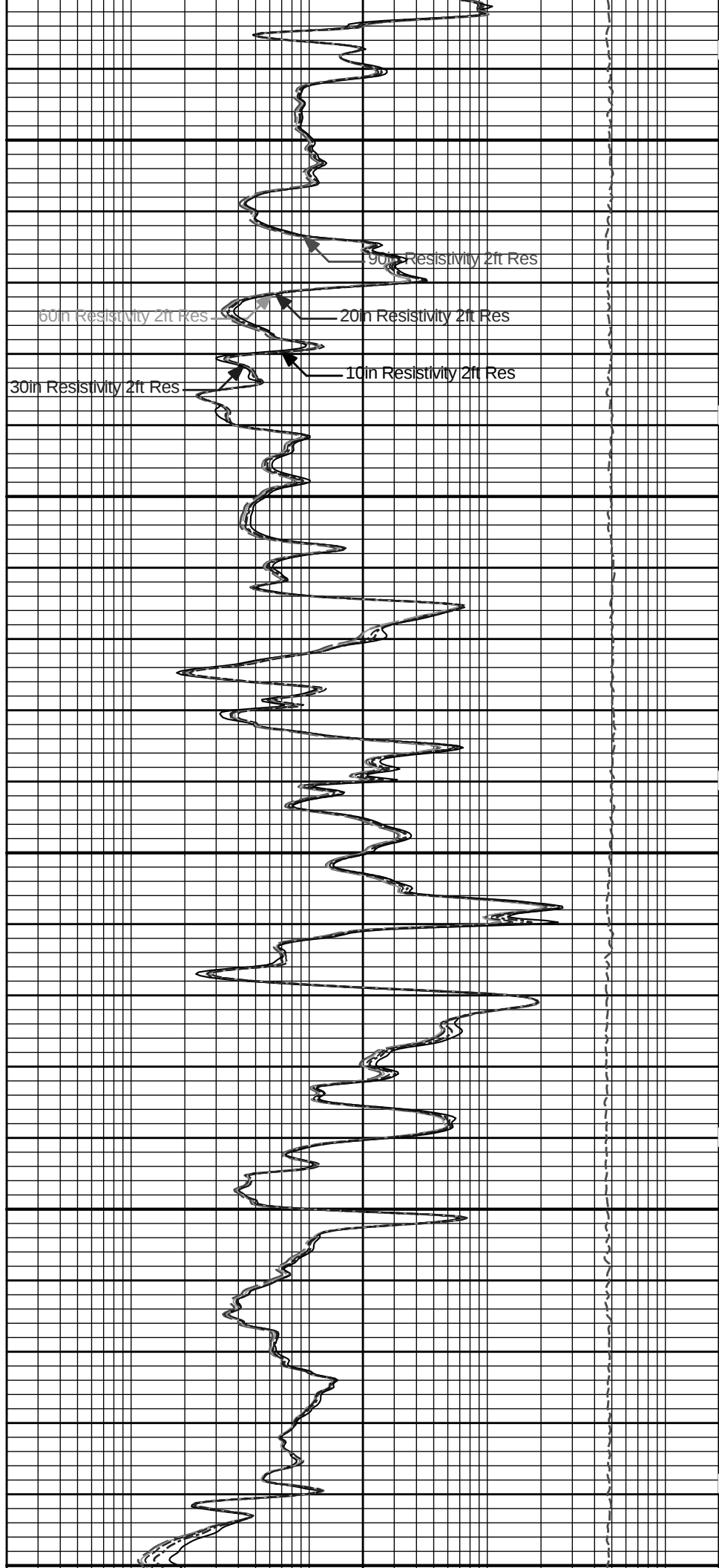
4300

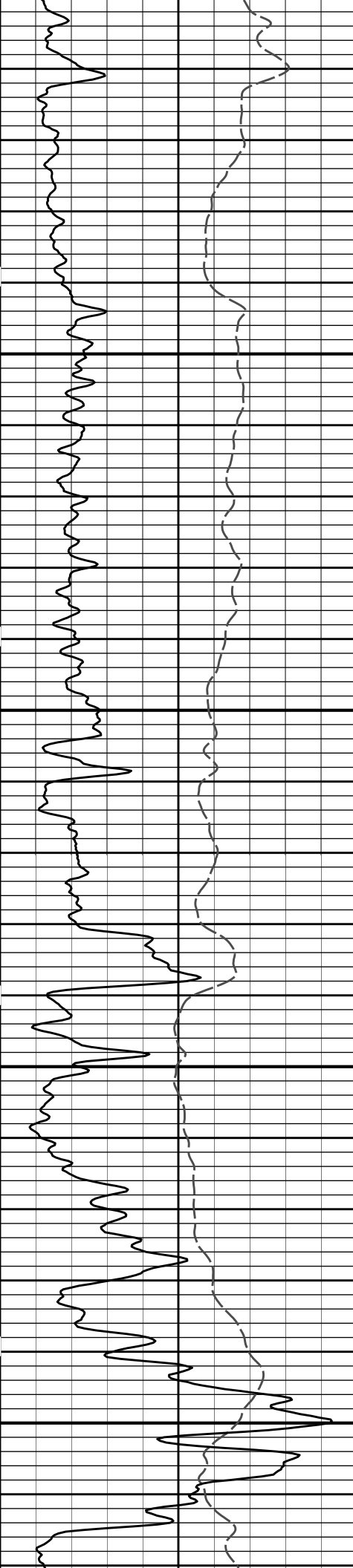




4400

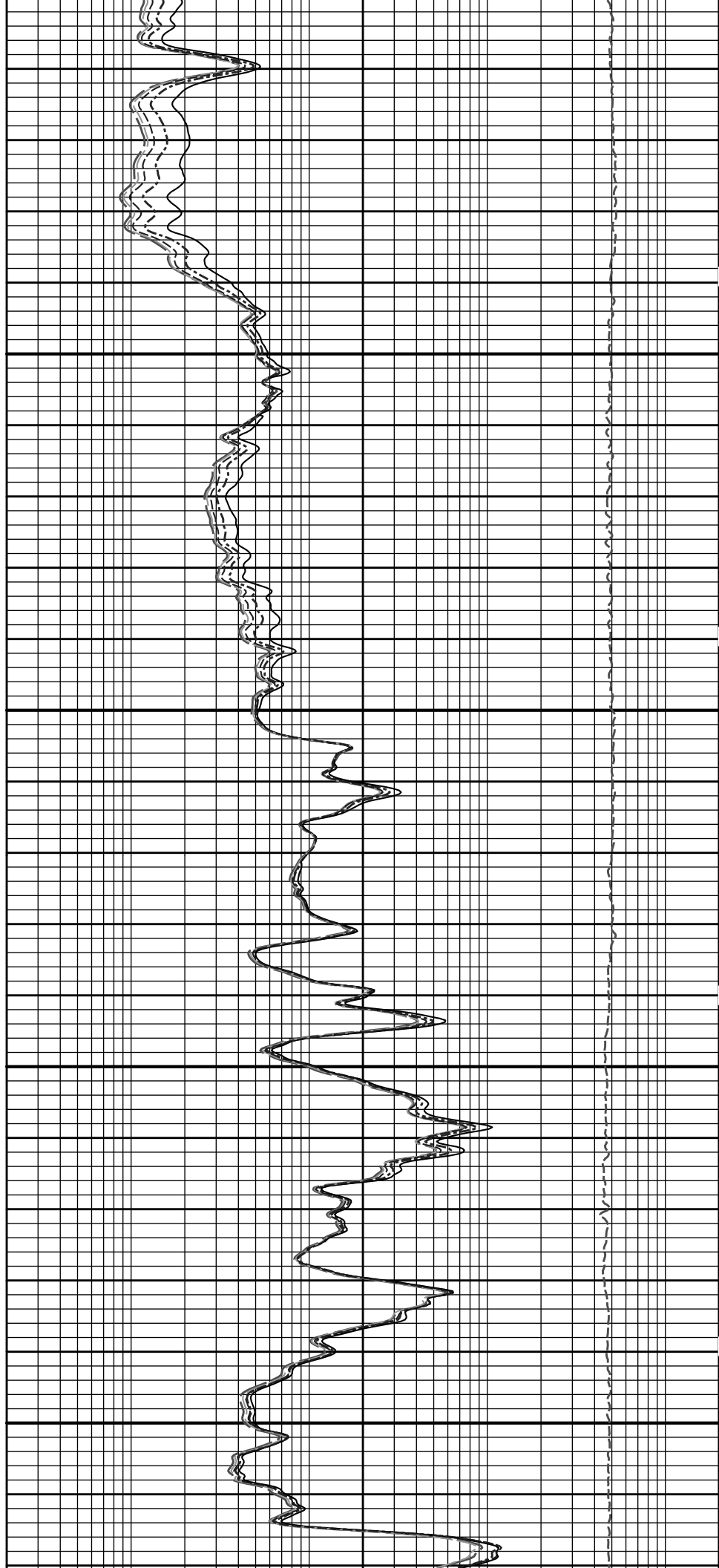
4500

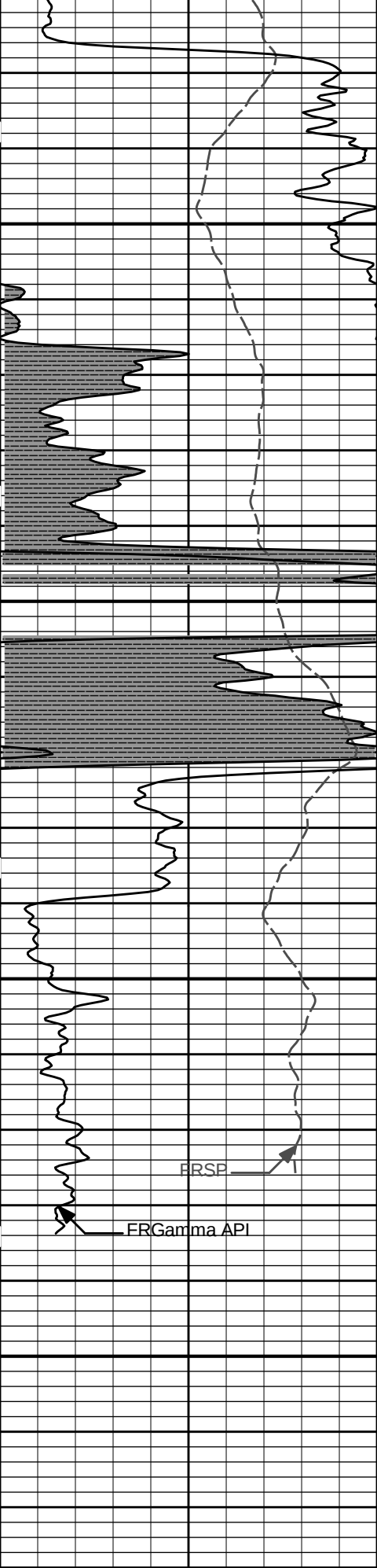




4600

4700





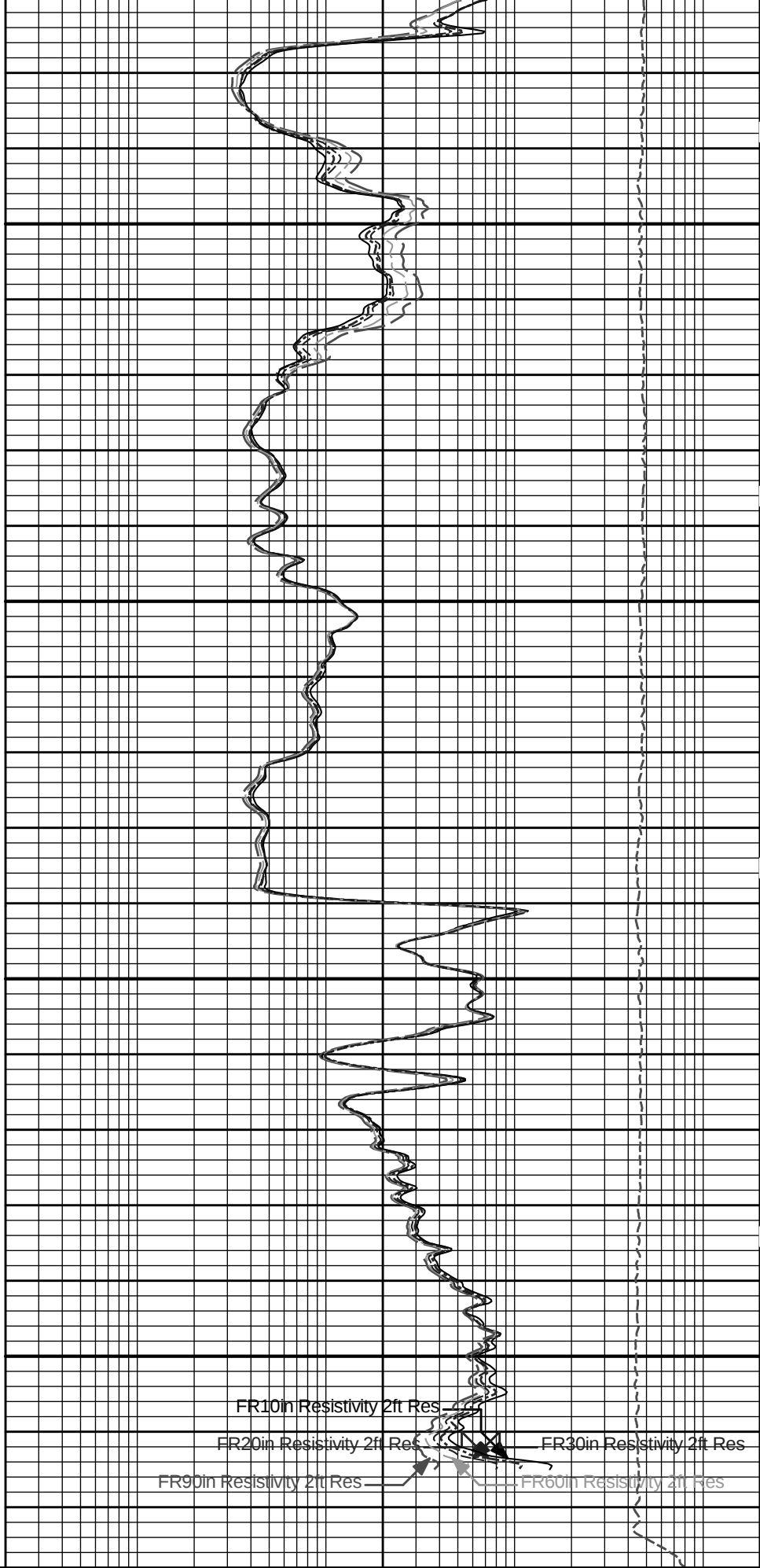
4800

4900

TD

SP
-|20|+

MD
1 : 240
ft
Tension Pull



FR10in Resistivity 2ft Res

FR20in Resistivity 2ft Res

FR90in Resistivity 2ft Res

FR30in Resistivity 2ft Res

FR60in Resistivity 2ft Res

10K

Tension
pounds

0

0	Gamma API	150	10	0	0.2	10in Resistivity 2ft Res	2000
	api					ohmm	
	SHALE		Tension Pull	0.2		20in Resistivity 2ft Res	2000
						ohmm	
				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

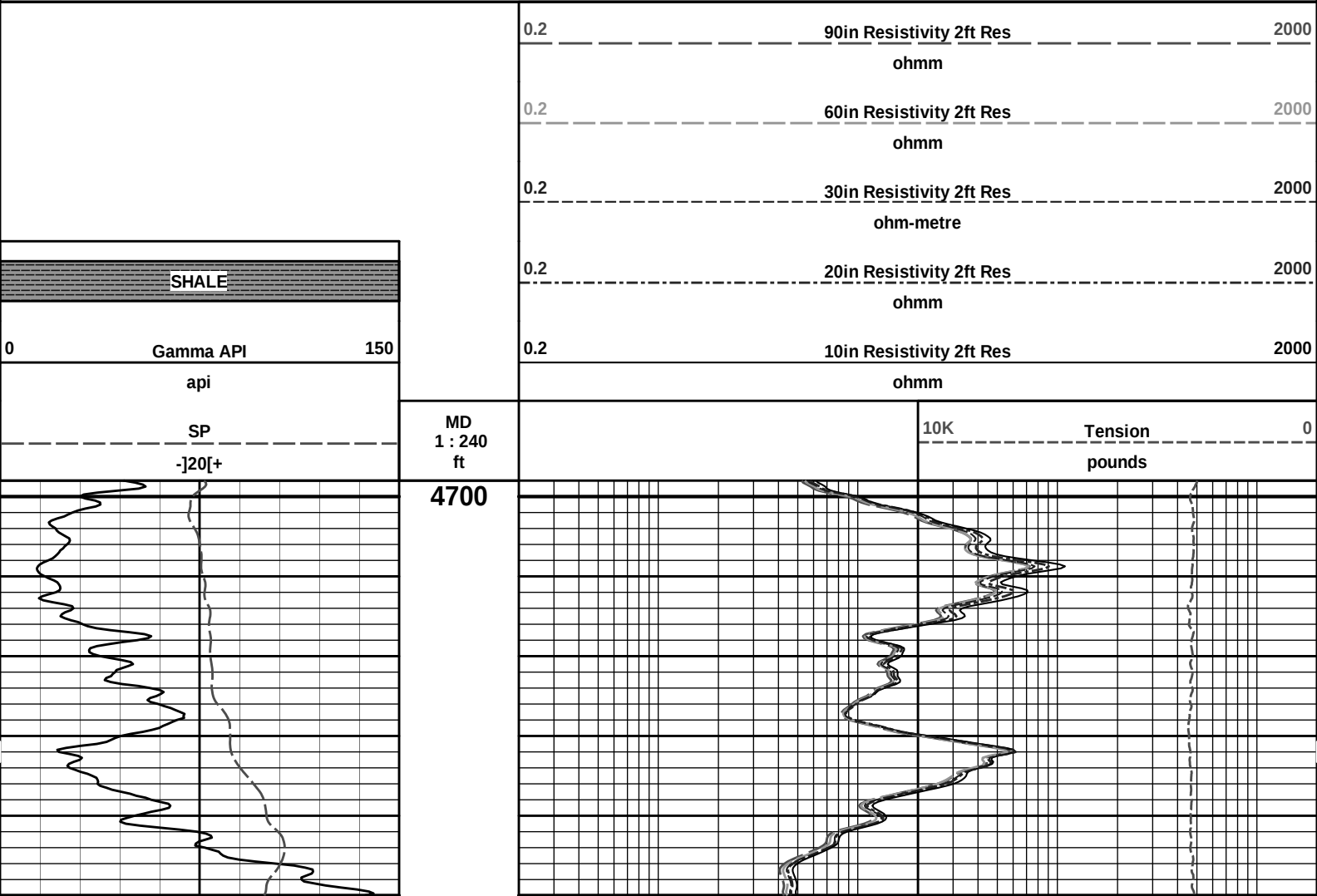
Plot Time: 21-Jan-12 04:46:57
Plot Range: 3450 ft to 4978 ft
Data: SPICER_A_6\Well Based\DAQ-0001-003\
Plot File: \\-LOCAL-\\ACRT\\ACRT_5_main_lib

5 INCH MAIN LOG

HALLIBURTON

Plot Time: 21-Jan-12 04:46:57
Plot Range: 4698 ft to 4978.58 ft
Data: SPICER_A_6\Well Based\DAQ-0001-002\
Plot File: \\-LOCAL-\\ACRT\\ACRT_5_repeat_lib

REPEAT SECTION

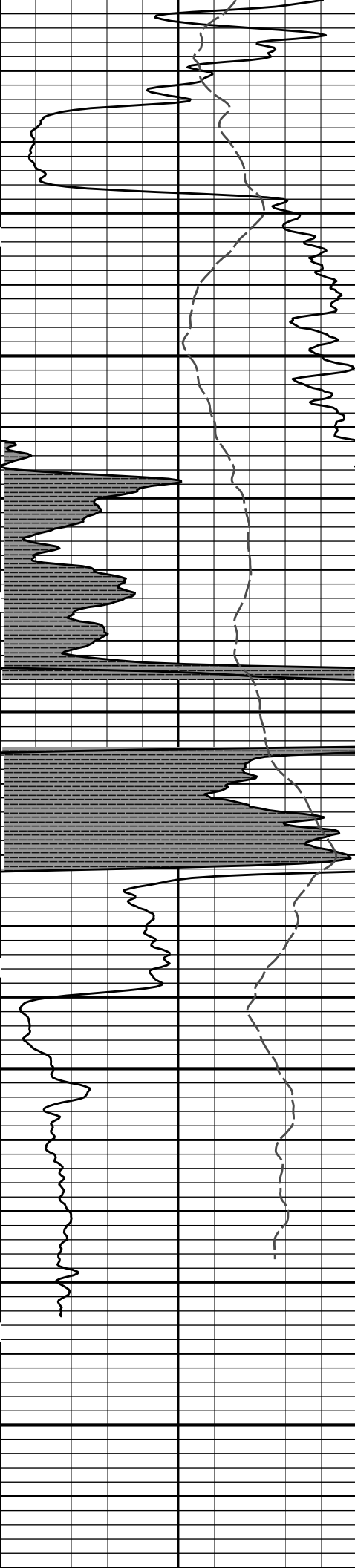


10K

Tension

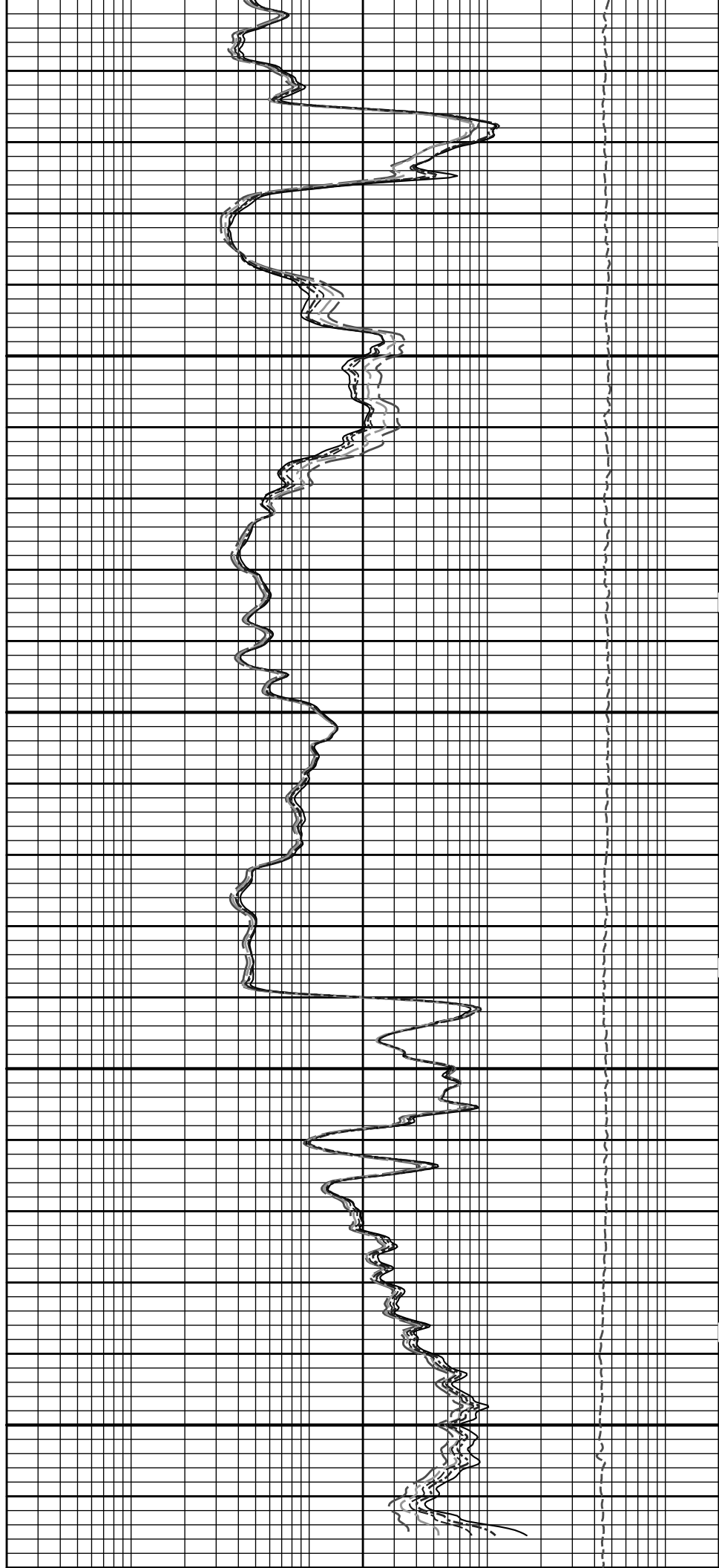
0

pounds

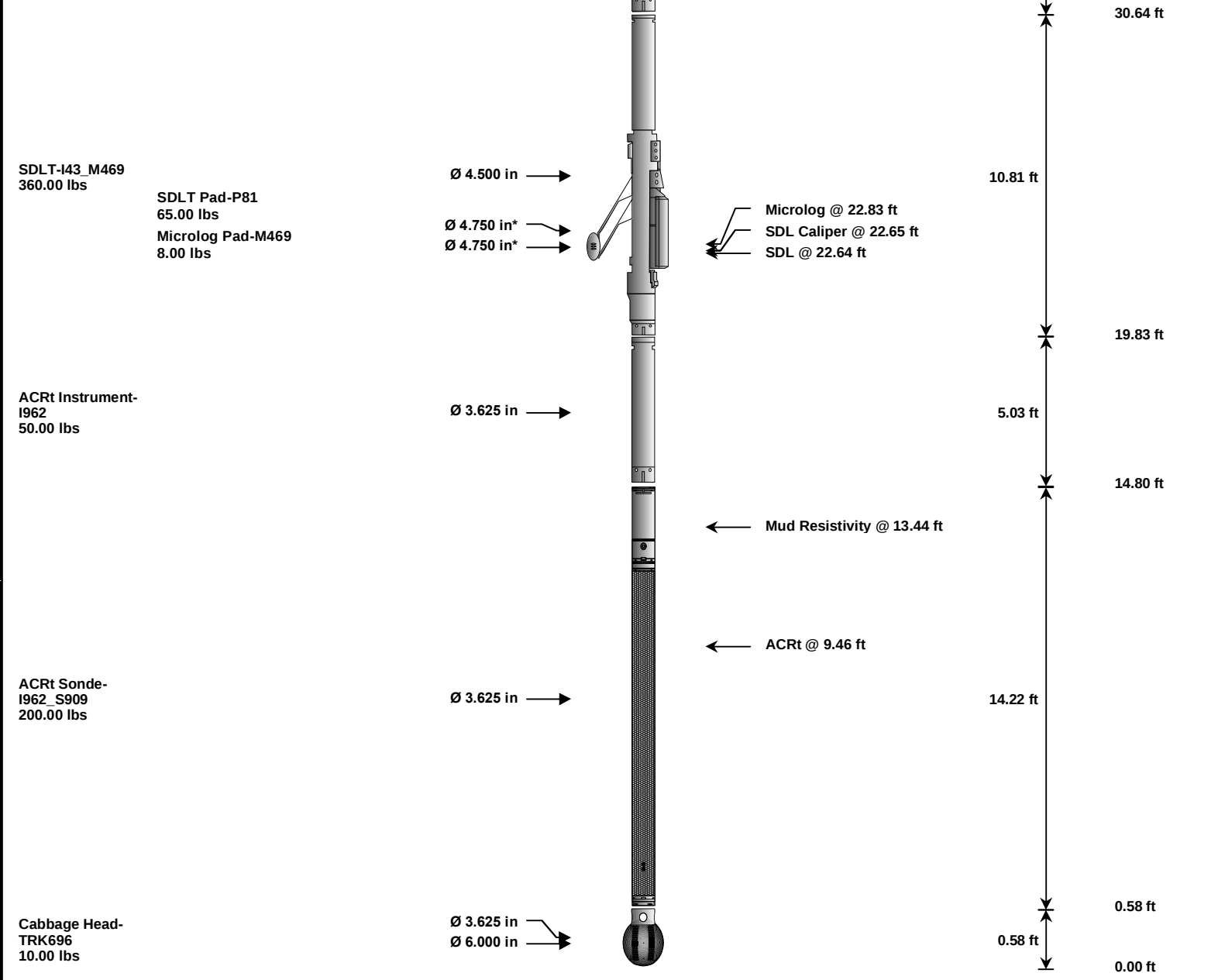


4800

4900



Description	Overbody Description	O.D.	Diagram	Sensors @ Delays	Length	Accumulated Length
Cable Head- PROT01 30.00 lbs		Ø 3.625 in →			1.92 ft	54.51 ft
SP Sub-001 60.00 lbs		Ø 3.625 in →		← SP @ 50.81 ft	3.74 ft	52.59 ft
						48.85 ft
GTET-11039640 165.00 lbs		Ø 3.625 in →		← GammaRay @ 42.79 ft	8.52 ft	
						40.33 ft
DSNT-11019643 174.00 lbs	DSN Decentralizer- 11005605 6.60 lbs	Ø 5.000 in* → Ø 3.625 in →			9.69 ft	
				← DSN Far @ 33.39 ft ← DSN Near @ 32.64 ft		



Mnemonic	Tool Name	Serial Number	Weight (lbs)	Length (ft)	Accumulated Length (ft)	Max.Log. Speed (fpm)
CH	Standard OH Cable Head	PROT01	30.00	1.92	52.59	300.00
SP	SP Sub	001	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	11019643	174.00	9.69	30.64	60.00
DCNT	DSN Decentralizer	11005605	6.60	5.13	* 33.97	300.00
SDLT	Spectral Density Tool	I43_M469	360.00	10.81	19.83	60.00
MICP	Microlog Pad	M469	8.00	1.00	* 22.33	60.00
SDLP	Density Insite Pad	P81	65.00	2.55	* 22.04	60.00
ACRt	Array Compensated True Resistivity Instrument Section	I962	50.00	5.03	14.80	300.00
ACRt	Array Compensated True Resistivity	I962_S909	200.00	14.22	0.58	300.00
CBHD	Cabbage Head	TRK696	10.00	0.58	0.00	300.00
Total			1,128.60	54.51		

* Not included in Total Length and Length Accumulation.

Data: SPICER_A_6I0001 SP-GTET-DSN-SDL-ACRT-CHIDLE

Date: 21-Jan-12 02:52:01

HALLIBURTON

CALIBRATION REPORT

ARRAY COMPENSATED TRUE RESISTIVITY SHOP CALIBRATION

Tool Name: ACRt Sonde - I962_S909				Reference Calibration Date: 03-Oct-11 10:18:13					
Engineer: C. HAVERKAMP				Calibration Date: 03-Dec-11 11:34:40					
Software Version: WL INSITE R3.4.2 (Build 2)				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	1.0176	1.05	0.95	1.0233	1.05	0.95	1.0209	1.05
A2 (50")	0.95	1.0161	1.05	0.95	1.0213	1.05	0.95	1.0198	1.05
A3 (29")	0.95	1.0038	1.05	0.95	1.0083	1.05	0.95	1.0047	1.05
A4 (17")	0.95	0.9996	1.05	0.95	1.0021	1.05	0.95	1.0014	1.05
A5 (10")	N/A	N/A	N/A	0.95	0.9984	1.05	0.95	0.9958	1.05
A6 (6")	N/A	N/A	N/A	0.95	0.9841	1.05	0.95	0.9812	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	-0.277	2	-6	-3.154	-2	-8	-5.134	-2
A2 (50")	-7	-1.825	-1	-6	-3.531	-2	-7	-4.228	-2
A3 (29")	-27	-14.317	-9	-9	-4.434	-3	-7	-2.556	-1
A4 (17")	-180	-100.640	-60	-45	-30.240	-15	-39	-25.723	-13
A5 (10")	N/A	N/A	N/A	-150	-98.839	-50	-80	-44.721	-10
A6 (6")	N/A	N/A	N/A	175	282.173	525	90	147.700	270
TRANSMITTER CURRENT GAIN						R-MUD VERIFICATION			
Signal	Lower	R	Upper			Signal	Lower (ohm-m)	Measured (ohm-m)	Upper (ohm-m)
12K	0.6	0.8637	1.3			Mud Cell	0.95	1.002	1.05
36K	1.0	1.3360	2.0						
72K	1.0	1.5629	2.0						
CALIBRATION SUMMARY									
Sensor		Shop	Field	Post	Difference	Tolerance	Units		
ACRt Sonde-I962_S909									
Mud Cell		1.002	-----	-----	0.000	-----	ohm-m		
Data: SPICER_A_6I0001 SP-GTET-DSN-SDL-ACRT-CHMIDLE								Date: 21-Jan-12 02:55:55	

HALLIBURTON									
PARAMETERS REPORT									
Depth ((ft))	Tool Name	Mnemonic	Description	Value	Units				
TOP									
	DSNT	DNOK	Process DSN?	No					
	SDLT Pad	DNOK	Process Density?	No					
	Microlog Pad	MLOK	Process MicroLog Outputs?	No					
3000.00									
	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	Residual Fluid Weight	2.500	ppg				

SHARED	MDWT	Borehole Fluid Weight	9.500	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	2.000	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	4983.00	ft
SHARED	BHT	Bottom Hole Temperature	115.0	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	0.10	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	
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 for Gamma Ray Tools.	Eccentered	
DSNT	DNOK	Process DSN?	Yes	
DSNT	DEOK	Process DSN EVR?	No	
DSNT	NLIT	Neutron Lithology	Limestone	
DSNT	DSNO	DSN Standoff - 0.25 in (6.35 mm) Recommended	0.250	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	CLOK	Process Caliper Outputs?	Yes	
SDLT Pad	DNOK	Process Density?	Yes	
SDLT Pad	DNOK	Process Density EVR?	No	
SDLT Pad	CB	Logging Calibration Blocks?	No	
SDLT Pad	SPVT	SDLT Pad Temperature Valid?	Yes	
SDLT Pad	DTWN	Disable temperature warning	No	
SDLT Pad	DMA	Formation Density Matrix	2.710	g/cc
SDLT Pad	DFL	Formation Density Fluid	1.000	g/cc
Microlog Pad	MLOK	Process MicroLog Outputs?	Yes	
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	RMIN	Maximum Resistivity for MAP	200.00	ohmm
ACRt Sonde	THQY	Threshold Quality	0.50	
BOTTOM				
Data: SPICER_A_6I0001 SP-GTET-DSN-SDL-ACRT-CH\IDLE			Date: 21-Jan-12 02:56:25	

HALLIBURTON				
INPUTS, DELAYS AND FILTERS TABLE				
Mnemonic	Input Description	Delay (ft)	Filter Type	Filter Length (ft)
Depth Panel				
TENS	Tension	0.00	NO	
SP Sub				
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	
GTET				
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	
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	22.65	NO	
PCAL	Pad Caliper	22.65	TRI	0.250
ACAL	Arm Caliper	22.65	TRI	0.250
ACRt Sonde				
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	
SDLT Pad				
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
FHL	Far Cesium High	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	22.04	NO	
FHV	Far Detector High Voltage	22.04	NO	
ITMP	Instrument Temperature	22.04	NO	
DDHV	Detector High Voltage	22.04	NO	

Microlog Pad				
TPUL	Tension Pull	22.83	NO	
MINV	Microlog Lateral	22.83	BLK	0.750
MNOR	Microlog Normal	22.83	BLK	0.750

Data: SPICER A 6\0001 SP-GTET-DSN-SDL-ACRT-CHIDLE

Date: 21-Jan-12 02:52:57

COMPANY	AGV CORP		
WELL	SPICER A-6		
FIELD	TRAFFAS		
COUNTY	BARBER	STATE	KANSAS

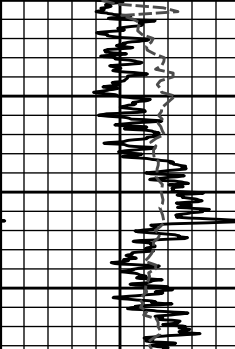
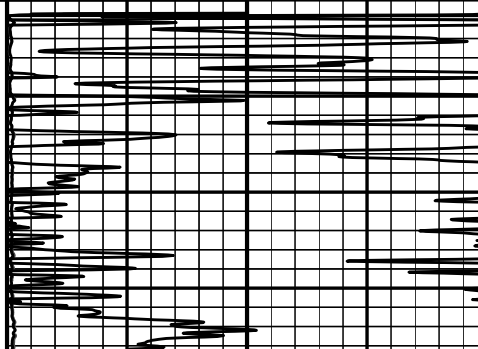
HALLIBURTON

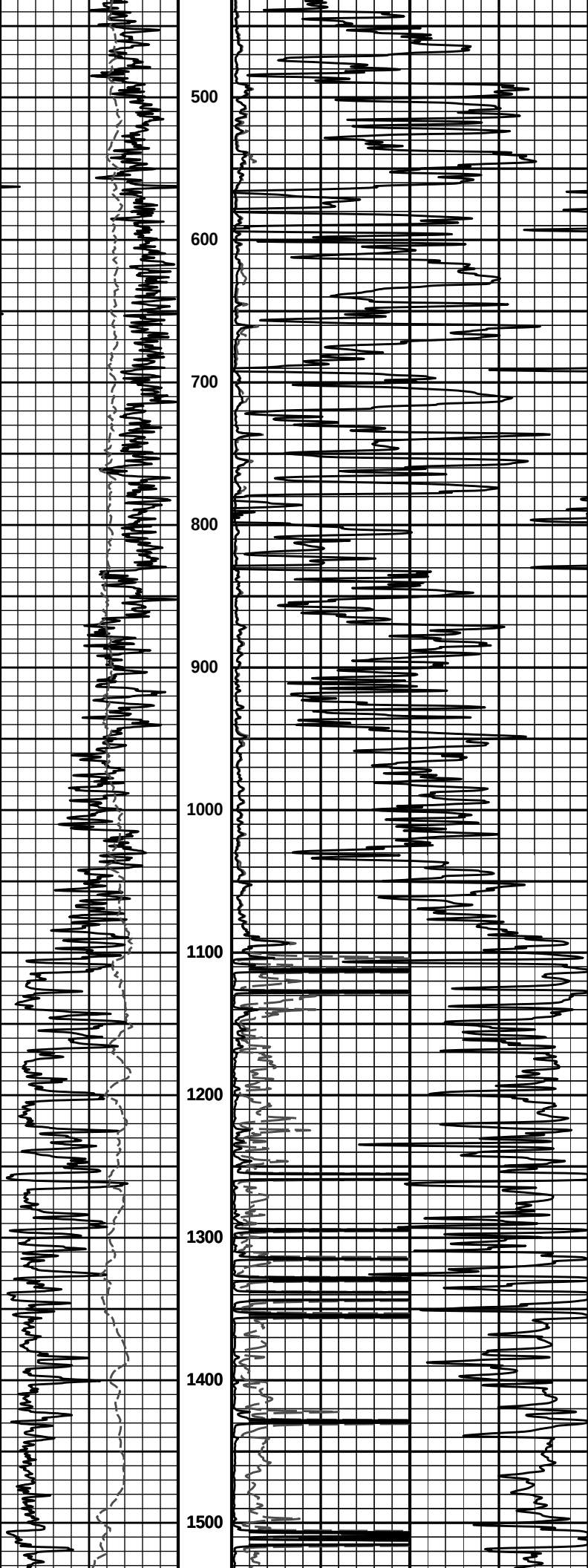
ARRAY COMPENSATED TRUE RESISTIVITY LOG

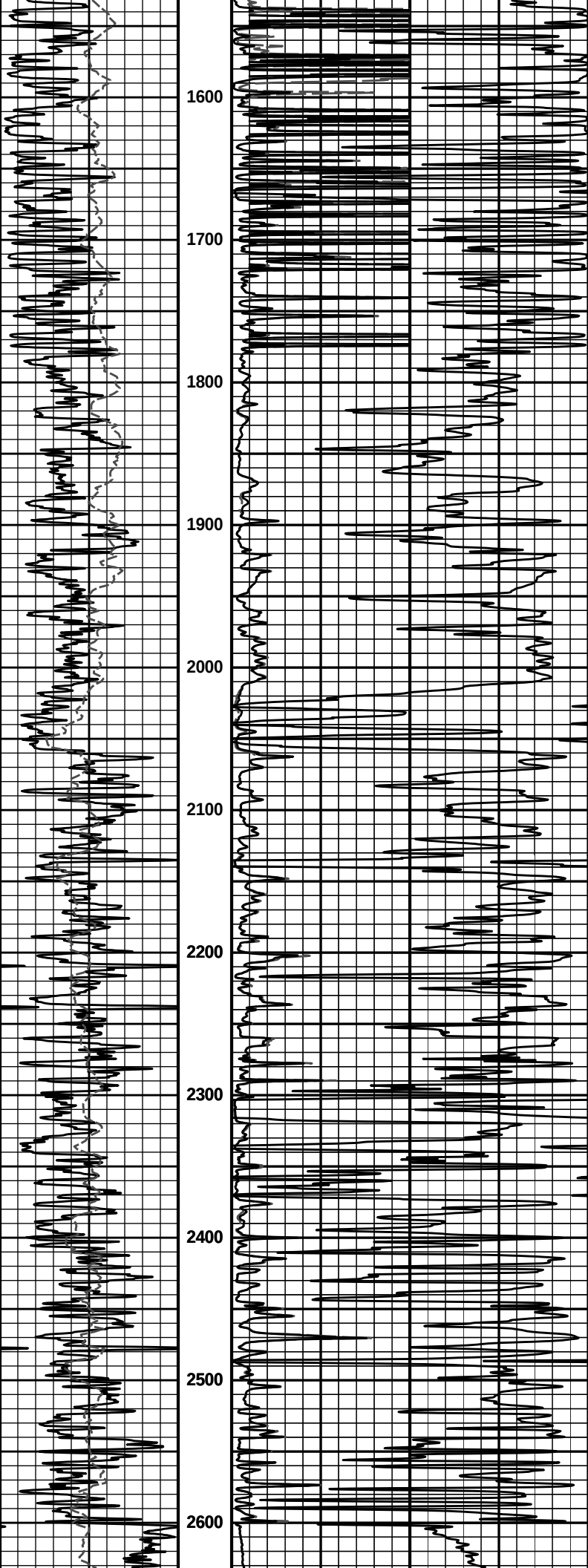
HALLIBURTON

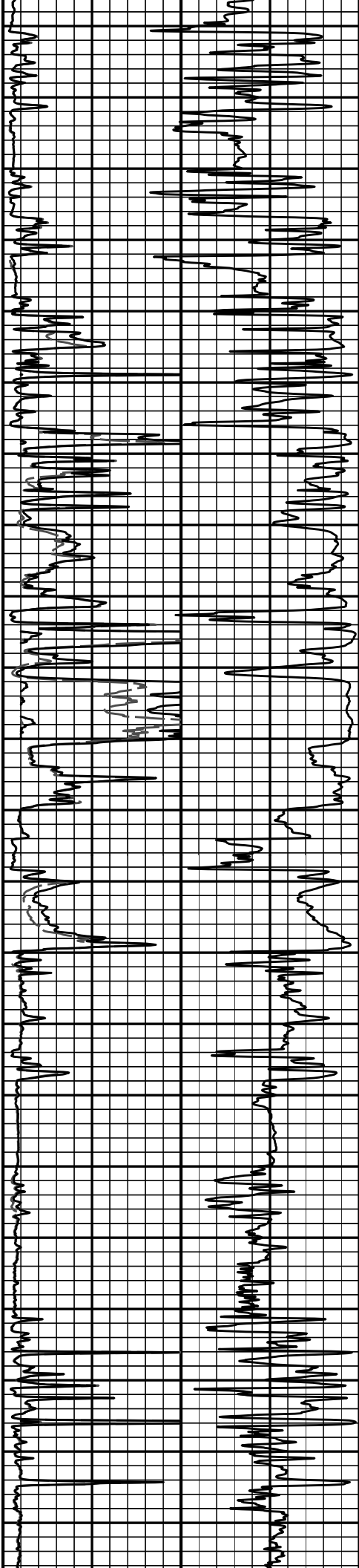
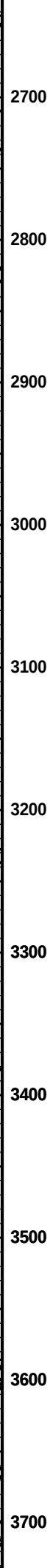
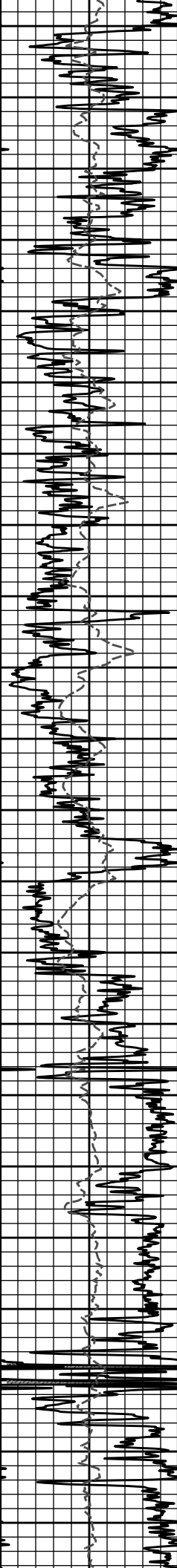
Plot Time: 21-Jan-12 04:46:59
Plot Range: 250 ft to 4965 ft
Data: SPICER_A_6\Well Based\DAQ-0001-003\
Plot File: \\LOCAL-IACRT\IACRT_1_lib

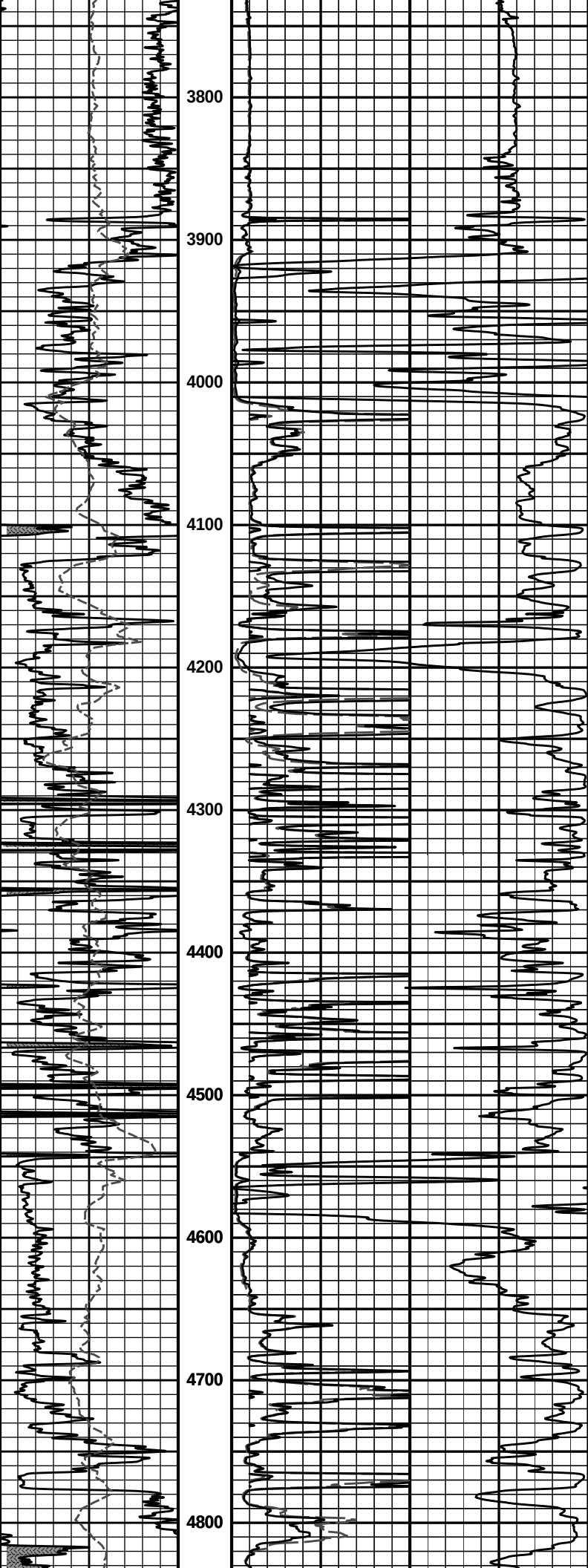
1 INCH MAIN LOG

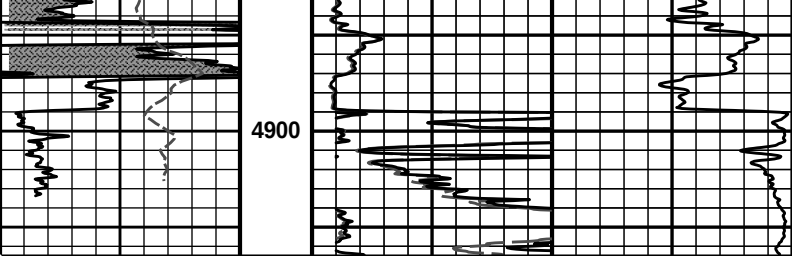
		1000		90in Conductivity 2ft Res		
				mmho per metre		
SP		90in Resistivity 2ft Res				
-----]		0	50			
-]20[+		ohm-metre				
0	Gamma API	150	MD	20in Resistivity 2ft Res		
			1 : 1200	0	50	
api			ft	ohm-metre		
						











0	Gamma API	150	MD	20in Resistivity 2ft Res	
	api		1 : 1200	0	50
	SP		ft	ohm-metre	
	-]20[+			90in Resistivity 2ft Res	
				0	50
				ohm-metre	
				1000	90in Conductivity 2ft Res
					0
					mmho per metre

HALLIBURTON
Plot Time: 21-Jan-12 04:47:00
Plot Range: 250 ft to 4965 ft
Data: SPICER_A_6\Well Based\DAQ-0001-003\
Plot File: \\-LOCAL-\\ACRT\\ACRT_1_lib

1 INCH MAIN LOG