

**Weatherford****ARRAY INDUCTION
SHALLOW FOCUSED
ELECTRIC LOG**

COMPANY		SHAKESPEARE OIL COMPANY	
WELL		TEETER #1-11	
FIELD		WILDCAT	
PROVINCE/COUNTY		LOGAN	
COUNTRY/STATE		UNITED STATES / KANSAS	
LOCATION		2305' FSL & 630' FEL SE/4	
SEC	TWP	RGE	Other Services
11	13S	32W	MPD/MDN
API Number		15-109-21168	MML
Permit Number		MSS	
Permanent Datum G.L., Elevation 3130 feet			Elevations:
Log Measured From KB			KB 3004.00
Drilling Measured From K.B. @ 10 FEET			DF 3003.00
			GL 2994.00
Date	26-JUN-2013		
Run Number	ONE		
Service Order	3537768		
Depth Driller	4700.00		feet
Depth Logger	4700.00		feet
First Reading	4697.00		feet
Last Reading	222.00		feet
Casing Driller	222.00		feet
Casing Logger	223.00		feet
Bit Size	7.880		inches
Hole Fluid Type	CHEMICAL		
Density / Viscosity	9.30 lb/USg	54.00 CP	
PH / Fluid Loss	10.00	9.60 ml/30Min	
Sample Source	MUDPIT		
Rm @ Measured Temp	1.17 @ 85.0	ohm-m	
Rmf @ Measured Temp	0.94 @ 85.0	ohm-m	
Rmc @ Measured Temp	1.40 @ 85.0	ohm-m	
Source Rmf / Rmc	CALC	CALC	
Rm @ BHT	0.84 @ 118.0	ohm-m	
Time Since Circulation	4 HOURS		
Max Recorded Temp	118.00	deg F	
Equipment / Base	13096	LIB	
Recorded By	W. STAMBAUGH		
Witnessed By	TIM PRIEST		
IOB#	LB13-185		

BOREHOLE RECORD

Last Edited: 26-JUN-2013 04:45

Bit Size inches	Depth From feet	Depth To feet
7.875	223.00	4700.00

CASING RECORD

Type	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft
SURFACE	8.625	0.00	223.00	24.00

REMARKS

- SOFTWARE ISSUE: WLS 13.05.9583.
- MCG, MML, MDN, MPD, MFE, MSS, MAI RUN IN COMBINATION.
 - HARDWARE: DUAL BOWSPRING USED ON MDN.
 - 0.5 INCH STANDOFF USED ON MFE.
 - TWO 0.5 INCH STANDOFFS USED ON MSS.
 - 0.5 INCH STANDOFF USED ON MAI.
- 2.71 G/CC LIMESTONE DENSITY MATRIX USED TO CALCULATE POROSITY.
- BOREHOLE RUGOSITY, TIGHT PULLS, AND WASHOUTS WILL AFFECT DATA QUALITY.
- ALL INTERVALS LOGGED AND SCALED PER CUSTOMER'S REQUEST.
- TOTAL HOLE VOLUME FROM TD TO SURFACE CASING: 1900 CU. FT.
- ANNULAR HOLE VOLUME WITH 5.5 INCH CASING FROM TD TO SURFACE CASING: 1170 CU. FT.

- SERVICE ORDER # 3537768.

- RIG: HD DRILLING #2.

- ENGINEER: WILLIAM STAMBAUGH

- OPERATOR(S): K. RINEHART, D. CANADAY

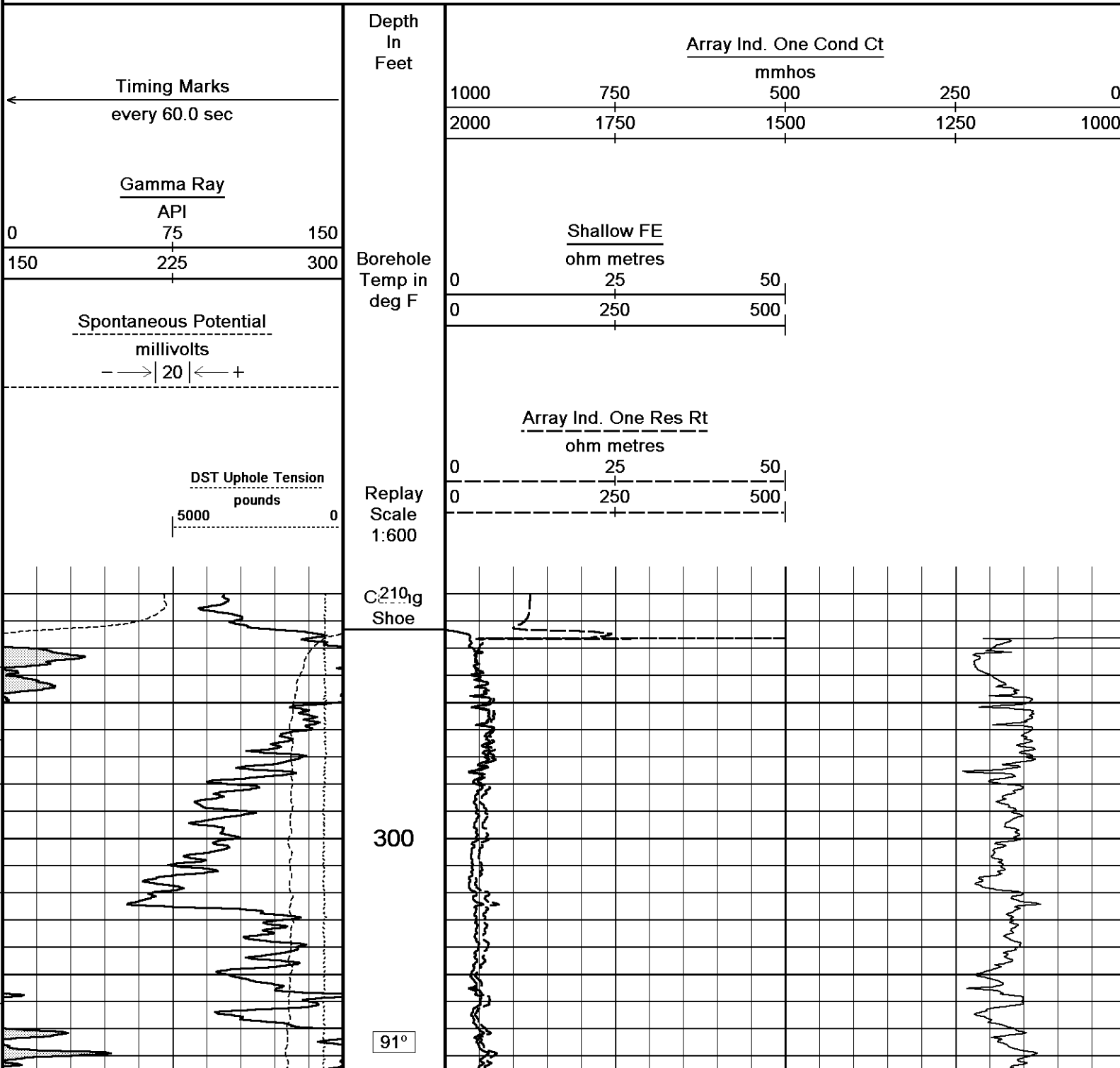
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions in our price schedule.

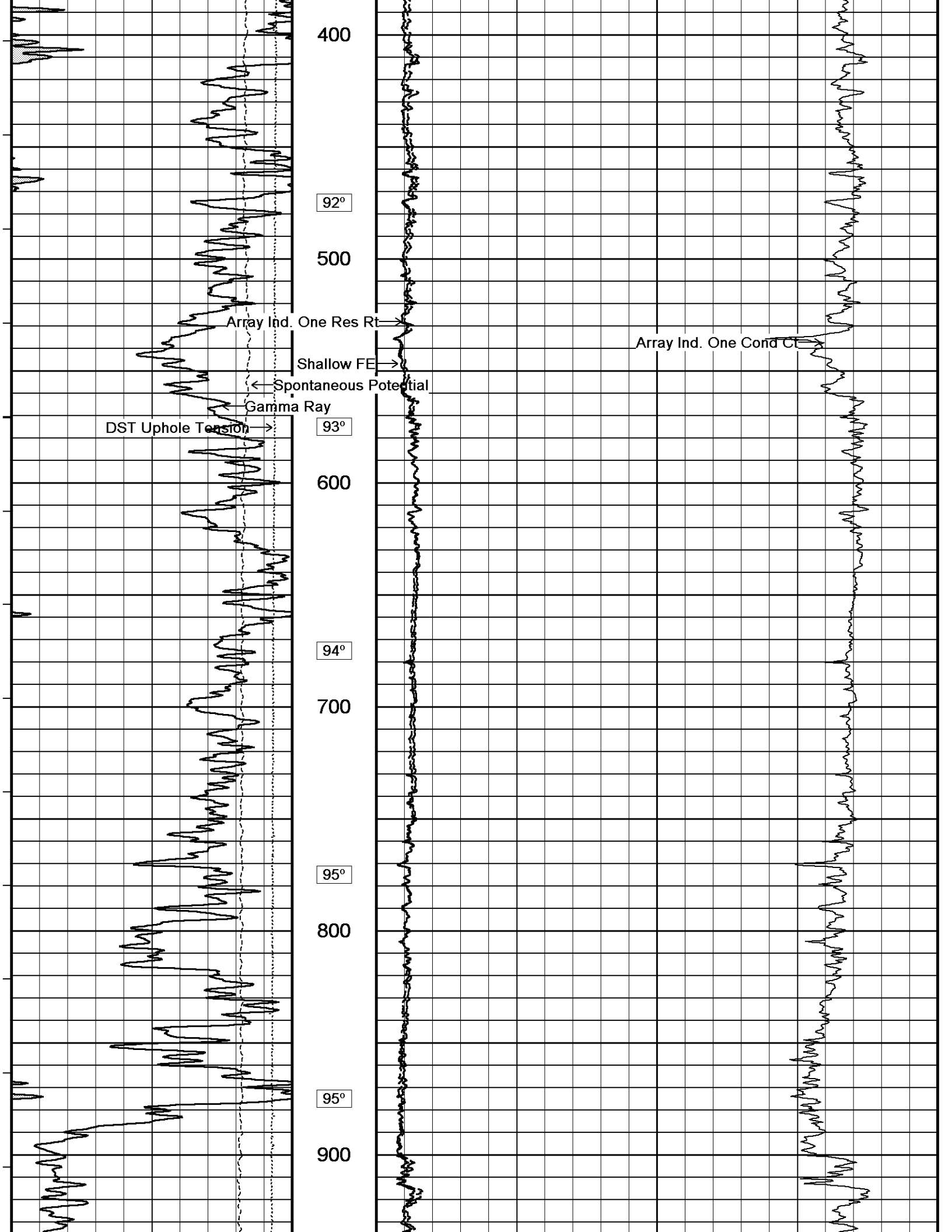
↓ 2 INCH MAIN ↓

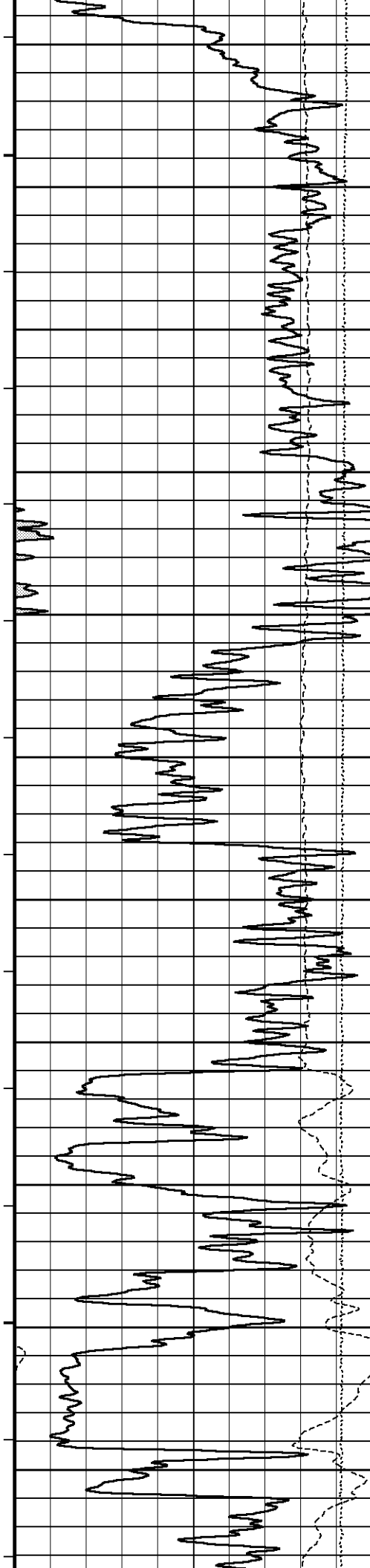
Depth Based Data - Maximum Sampling Increment 10.0cm Plotted on 26-JUN-2013 08:44

Filename: C:\Minimus 13.05.9583\Log\Shakespeare Teeter #1-11\Shakespeare Teeter #1-11_002.dta Recorded on 26-JUN-2013 05:49

System Versions: Logged with 13.05.9583 Processed with 13.05.9583 Plotted with 13.05.9583







96°

1000

97°

1100

98°

1200

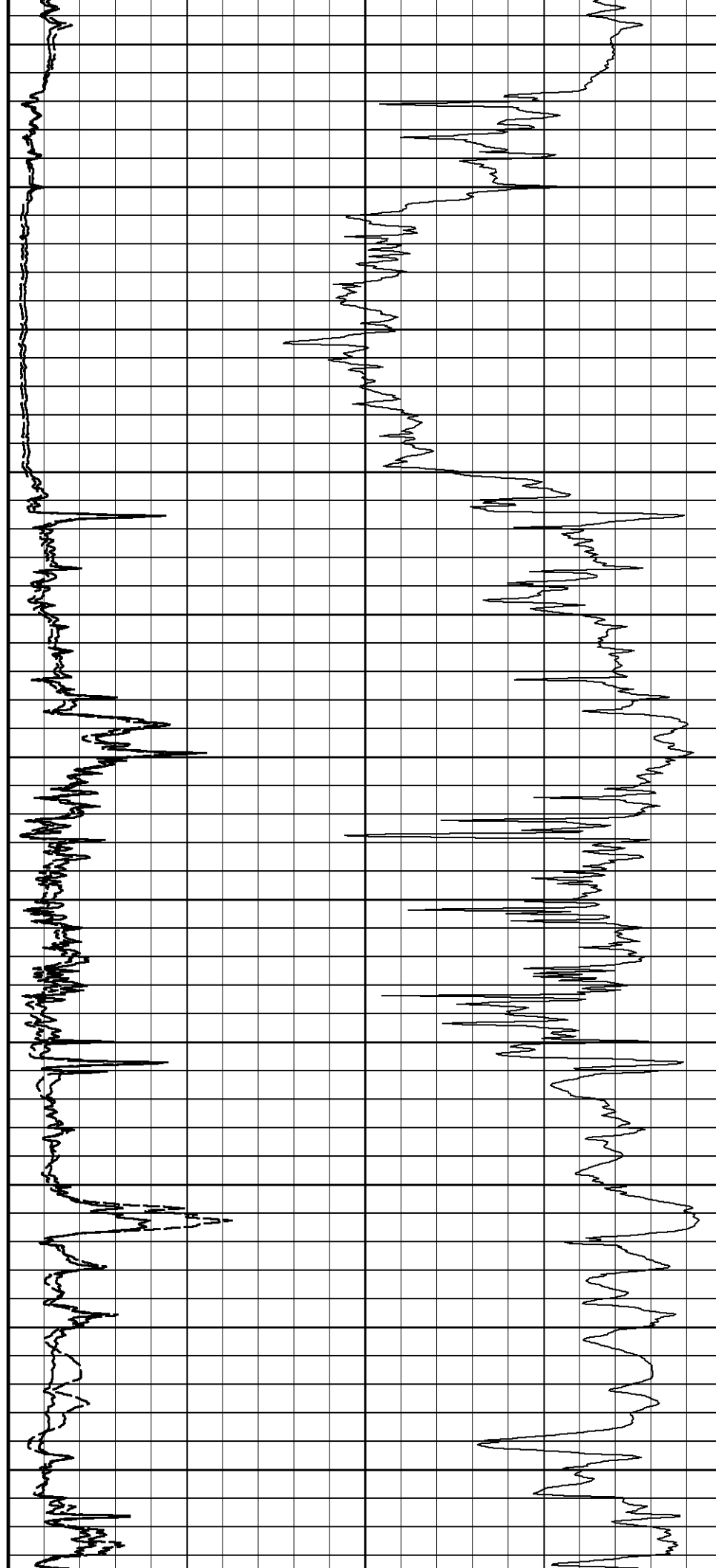
98°

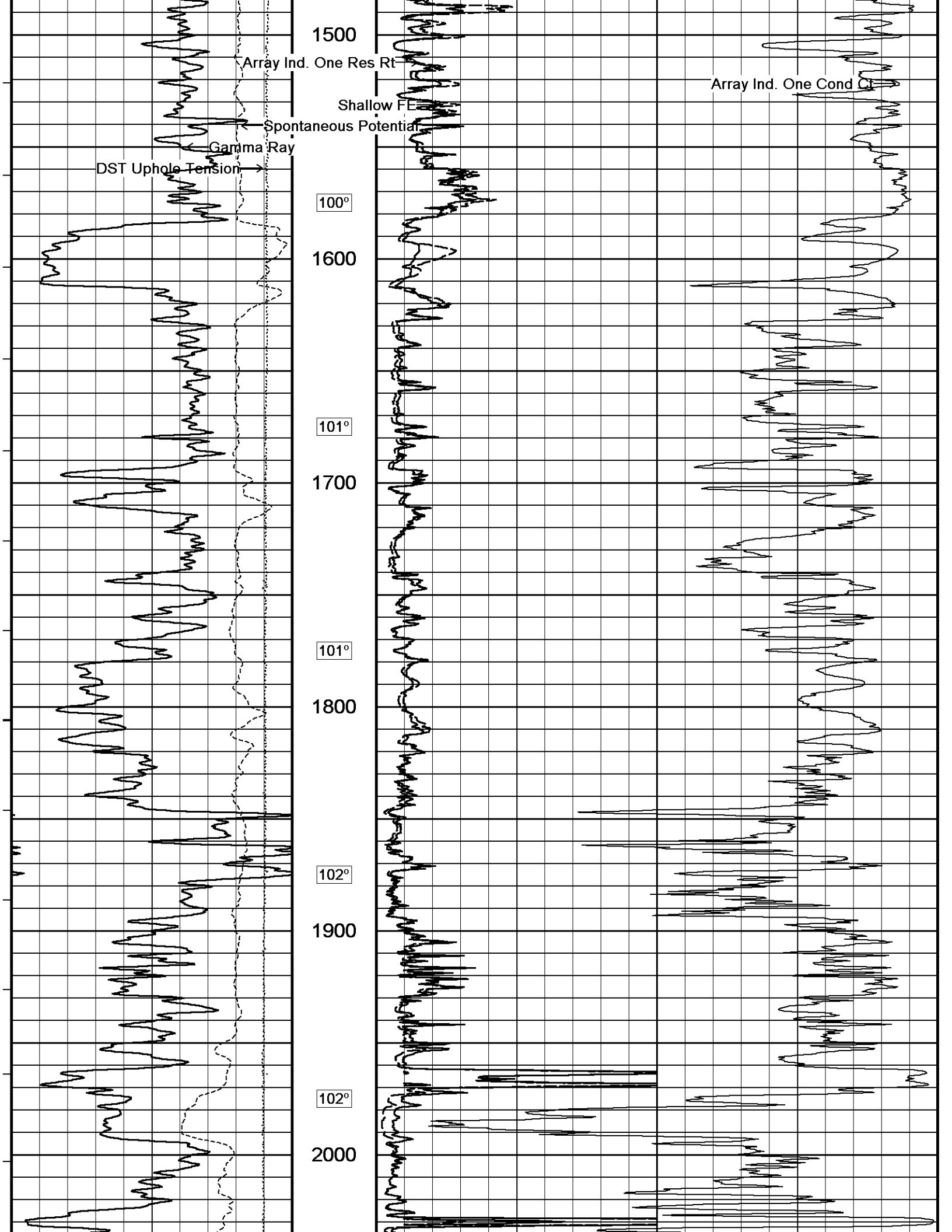
1300

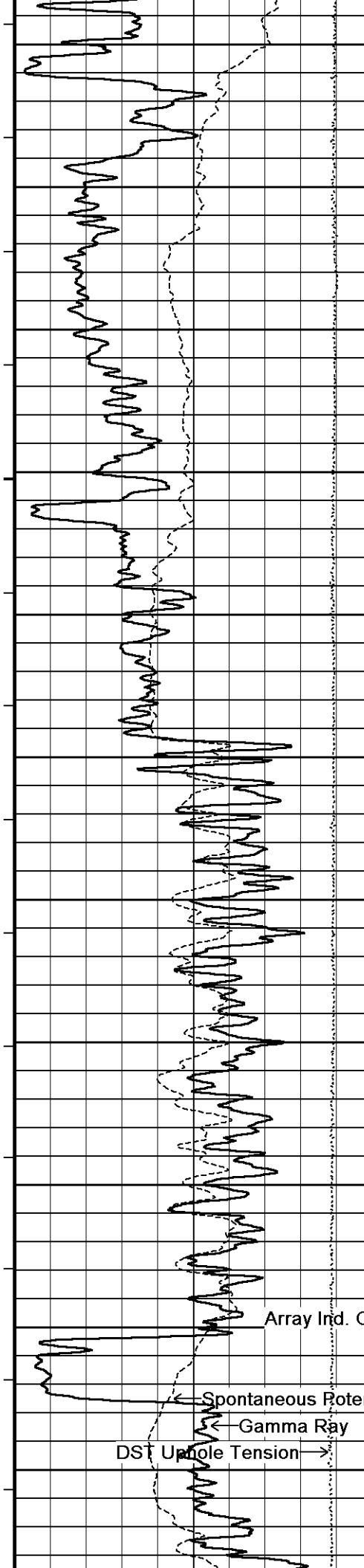
99°

1400

100°







102°

2100

102°

2200

103°

2300

104°

2400

104°

2500

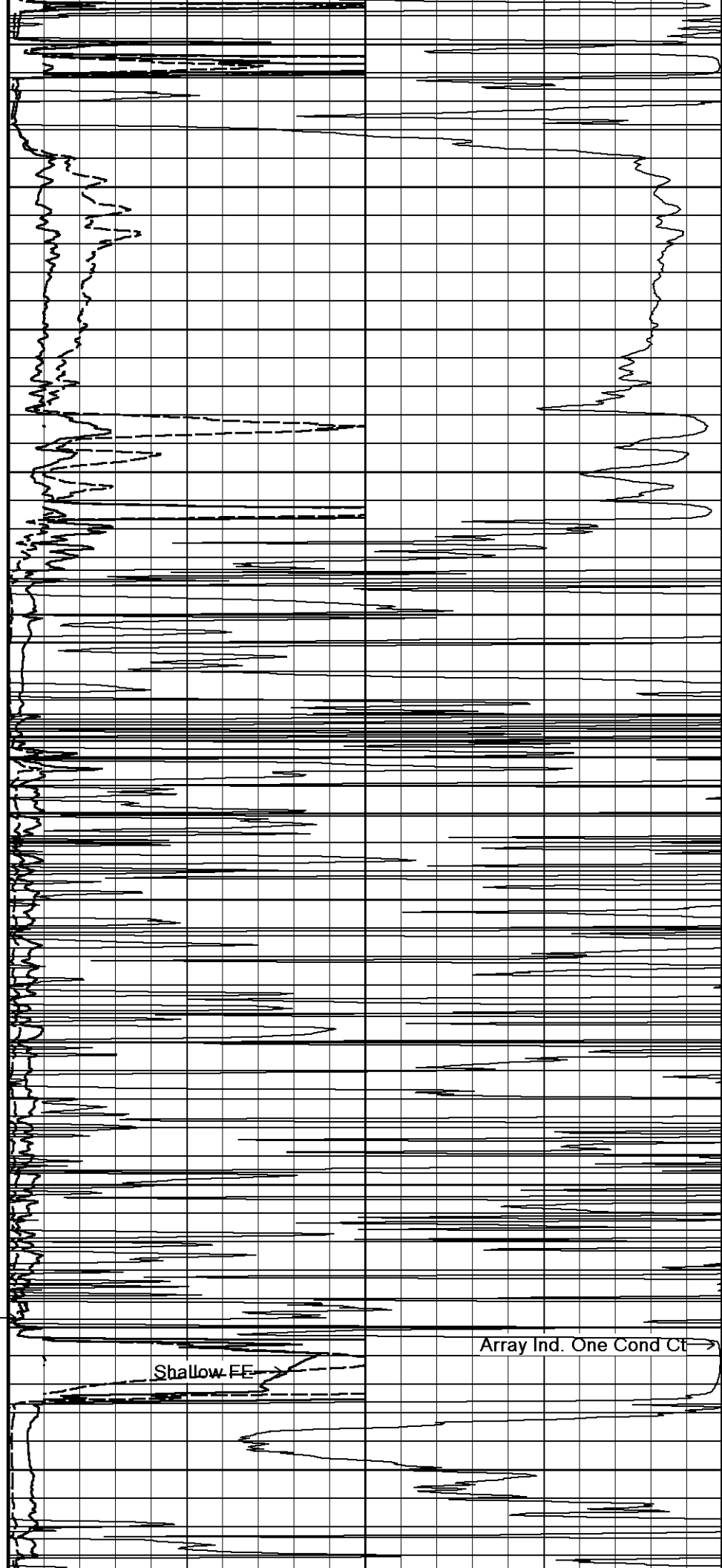
Array Ind. One

Spontaneous Potential

Gamma Ray

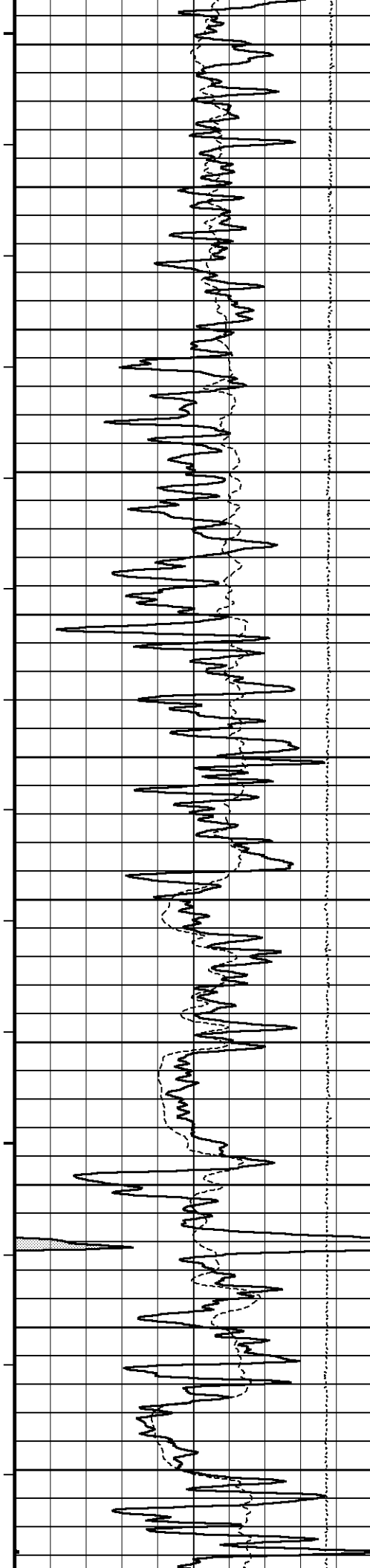
DST Up-hole Tension

105°



Shallow FF

Array Ind. One Cond Ct



2600

105°

2700

106°

2800

106°

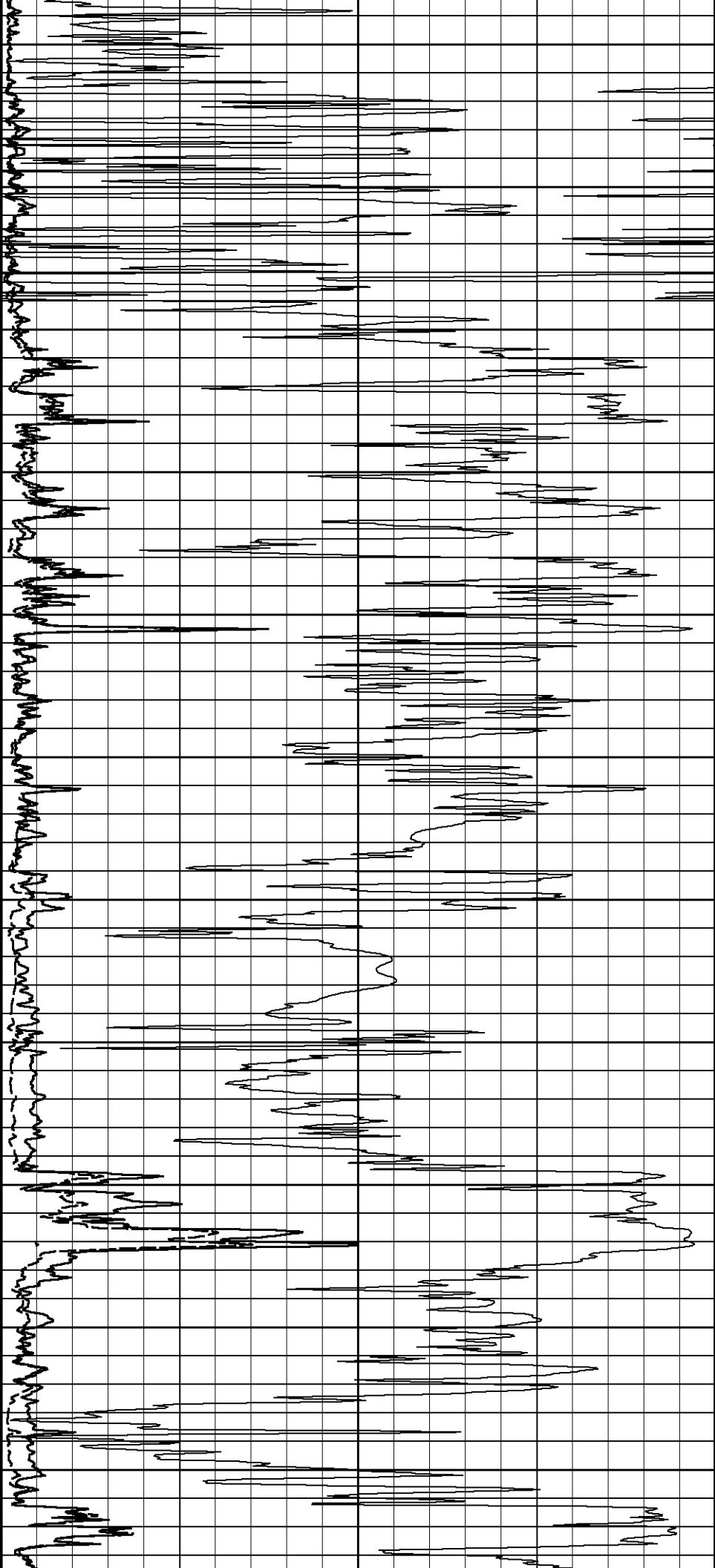
2900

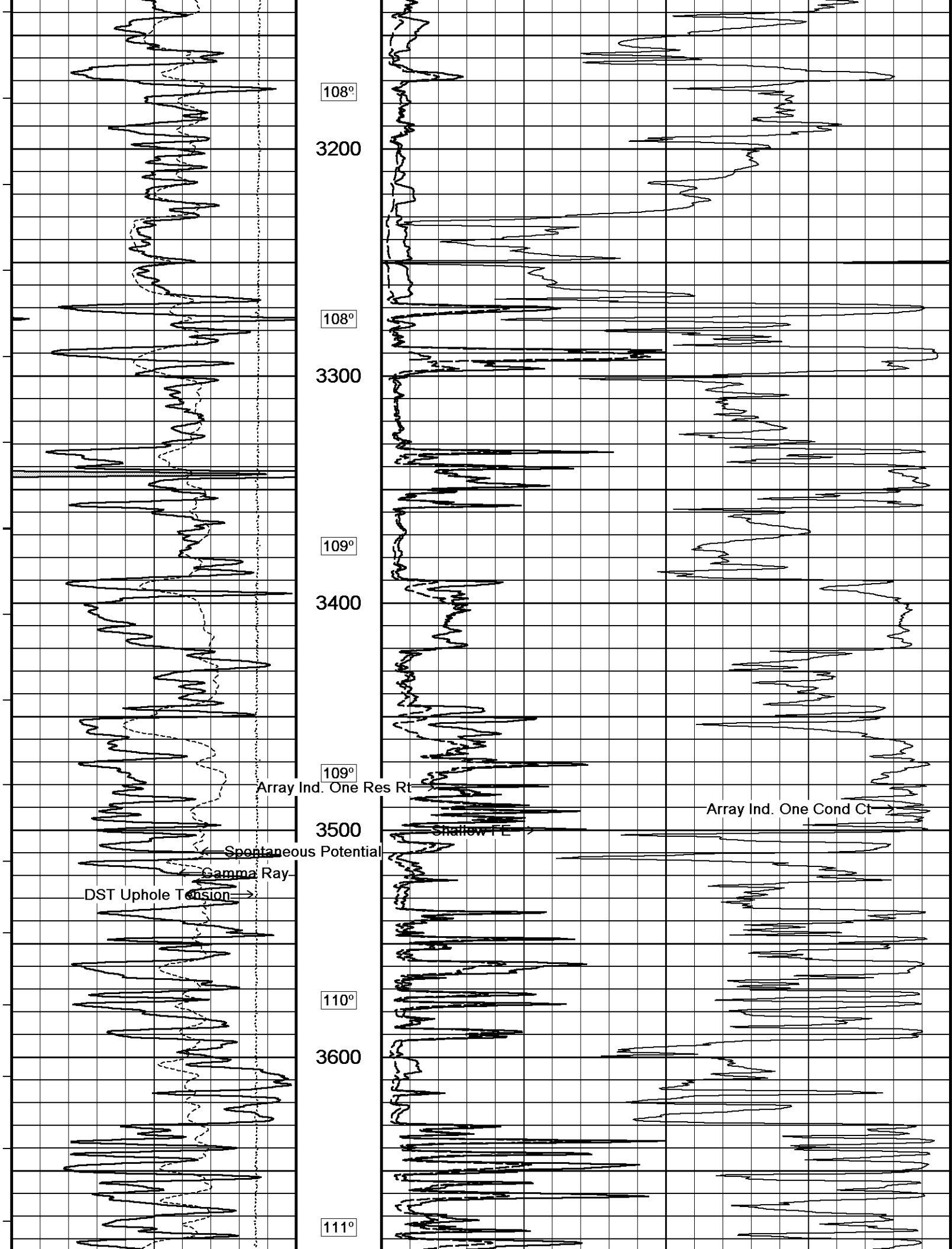
107°

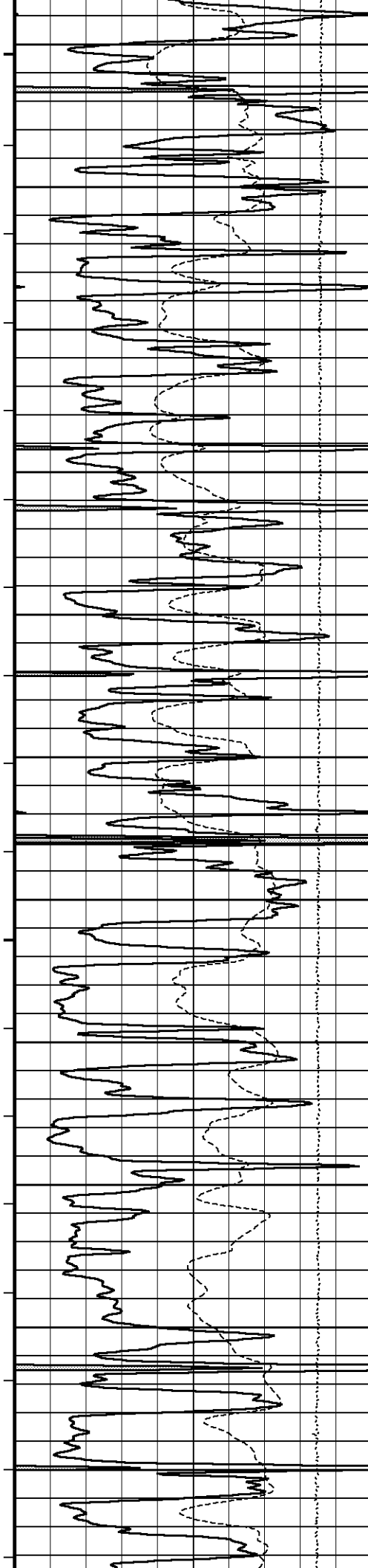
3000

107°

3100







3700

111°

3800

111°

3900

112°

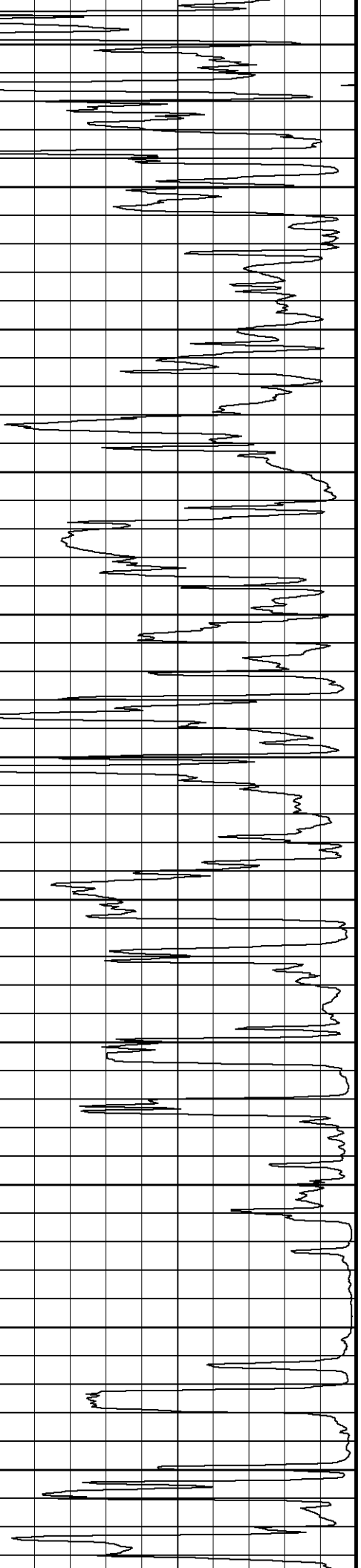
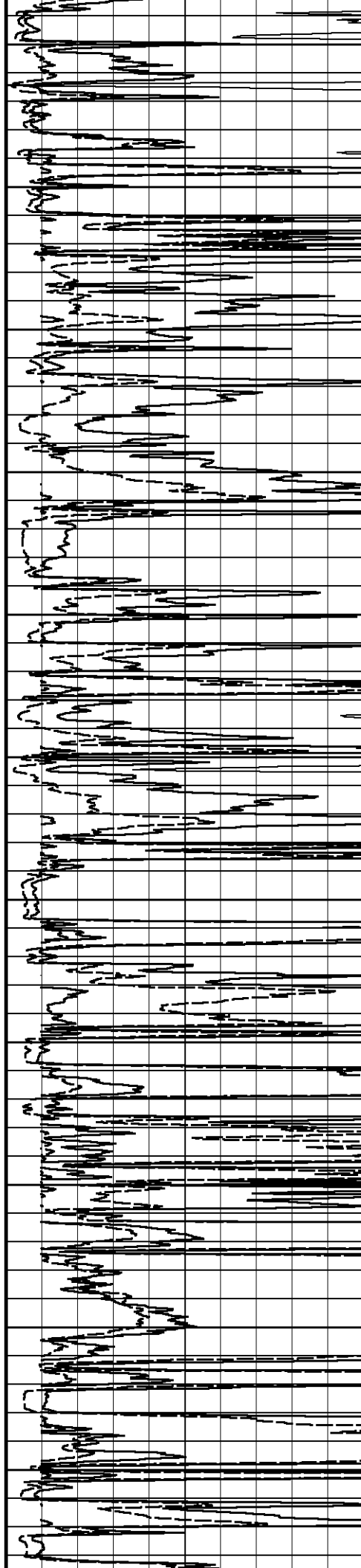
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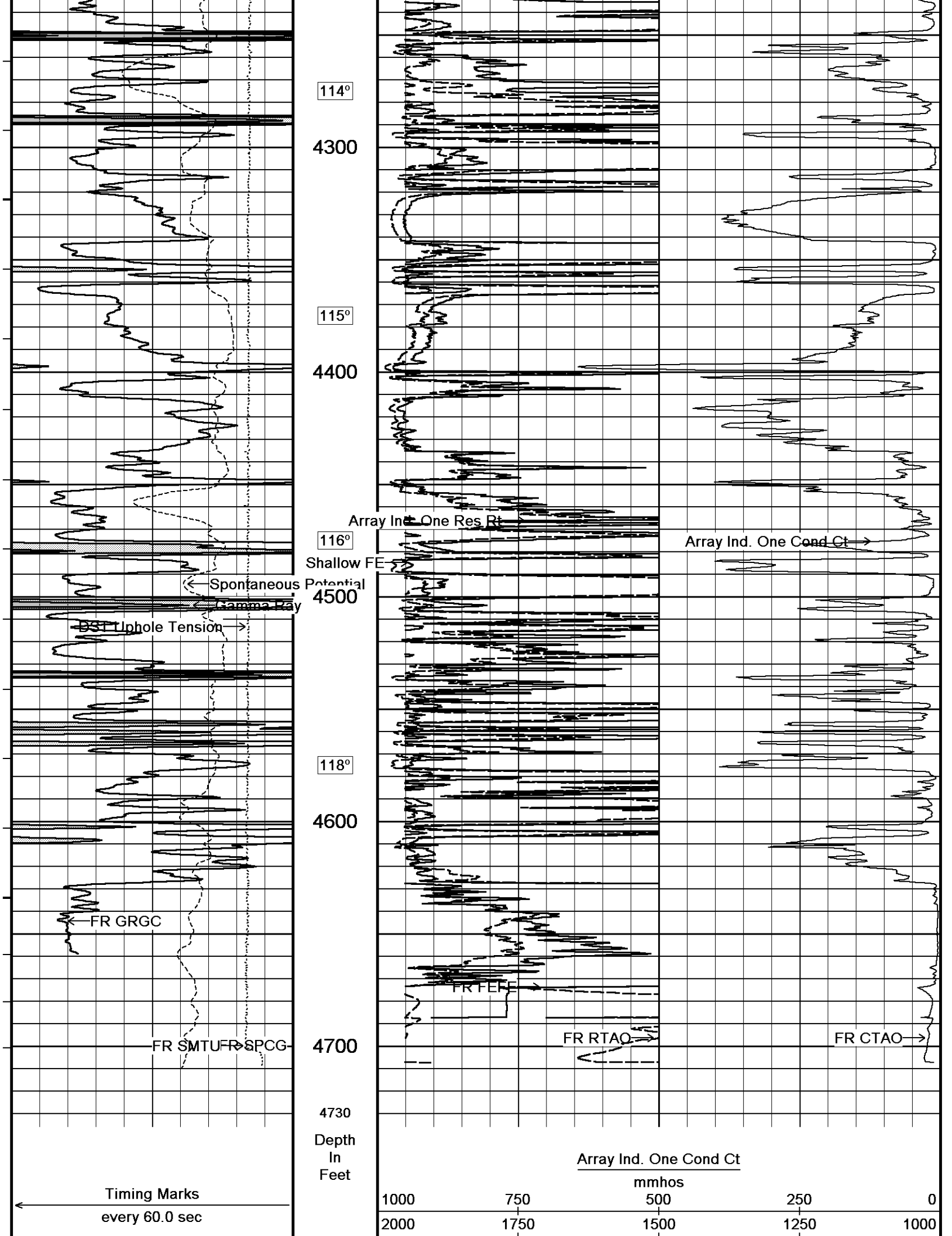
113°

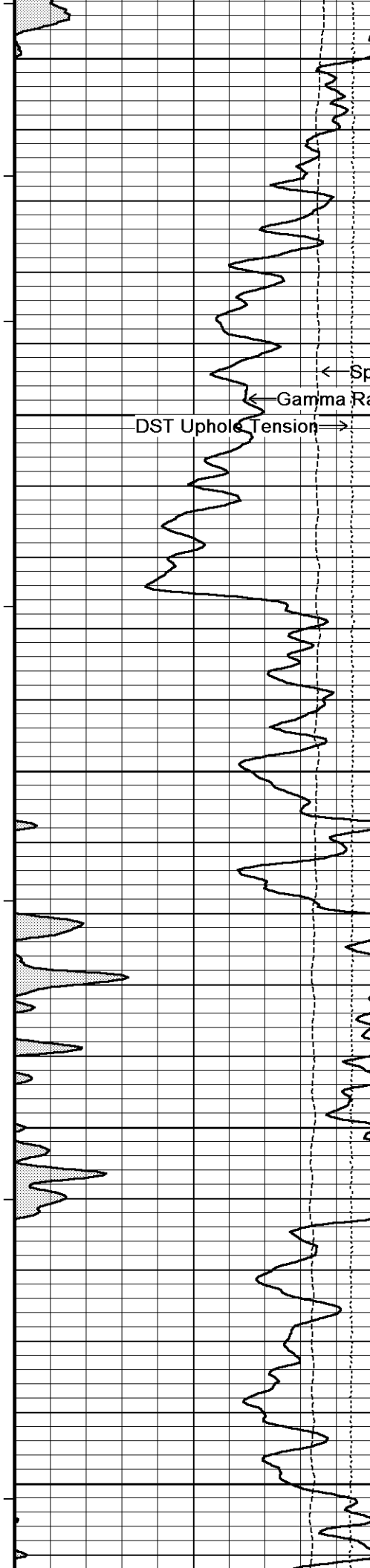
4100

113°

4200







250

91°

300

91°

350

92°

400

92°

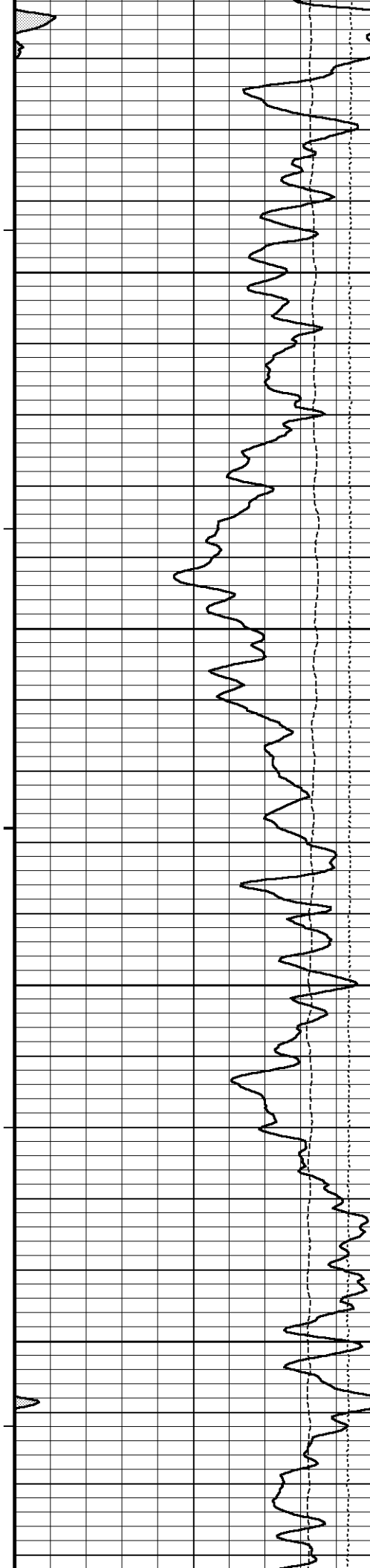
450

Array Ind. One Res Rt

Array Ind. One Res 60

Array Ind. One Res 40

Shallow FE



92°

500

93°

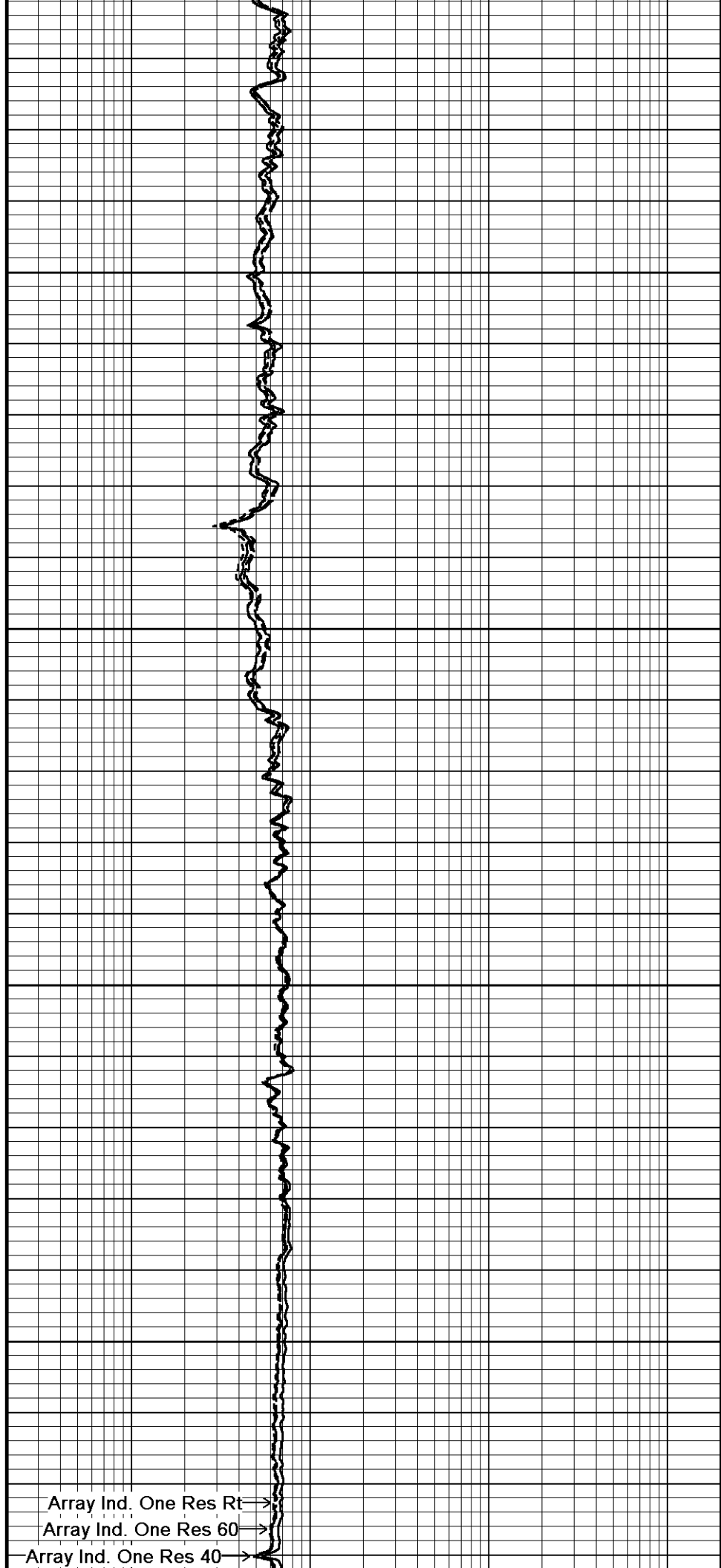
550

93°

600

94°

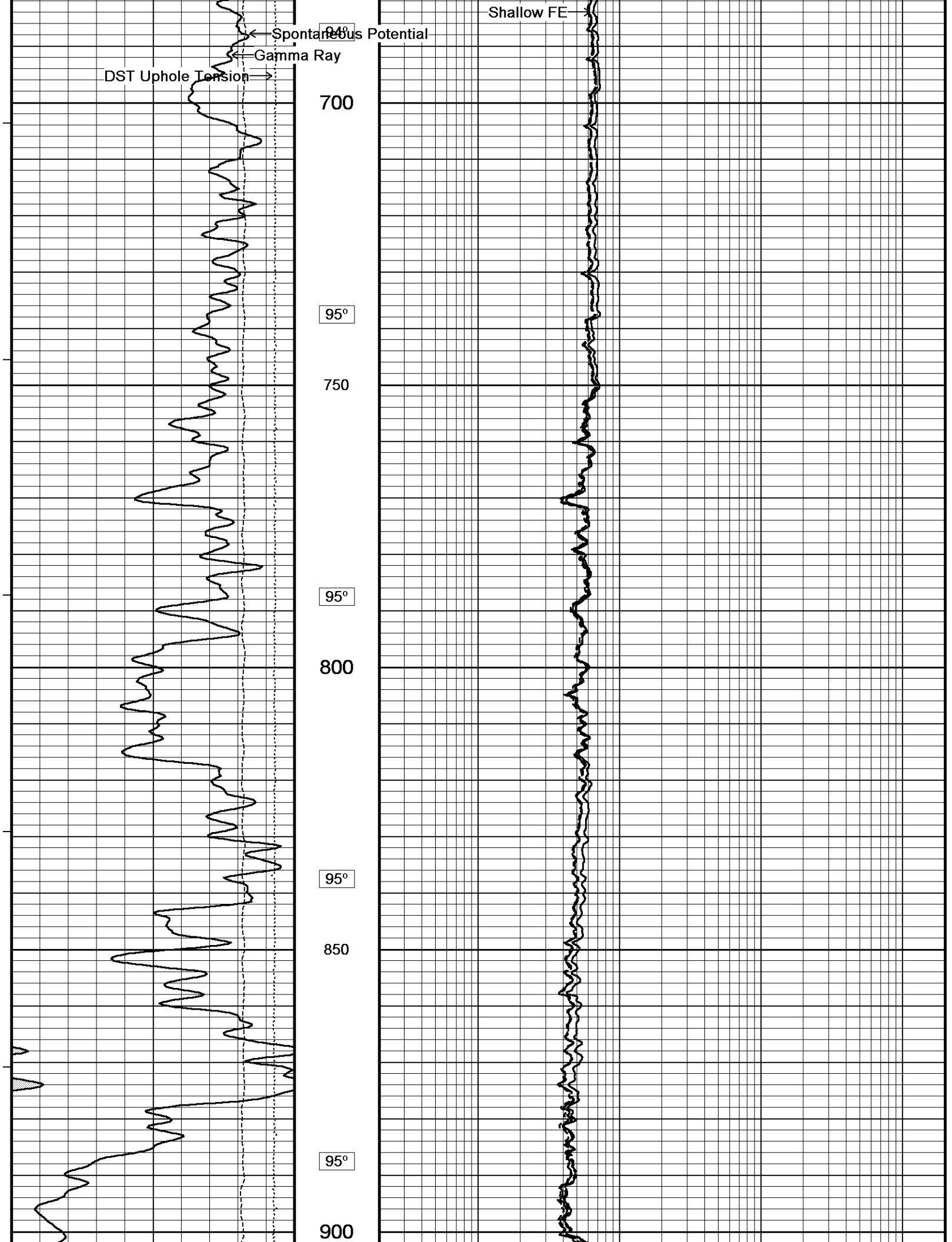
650

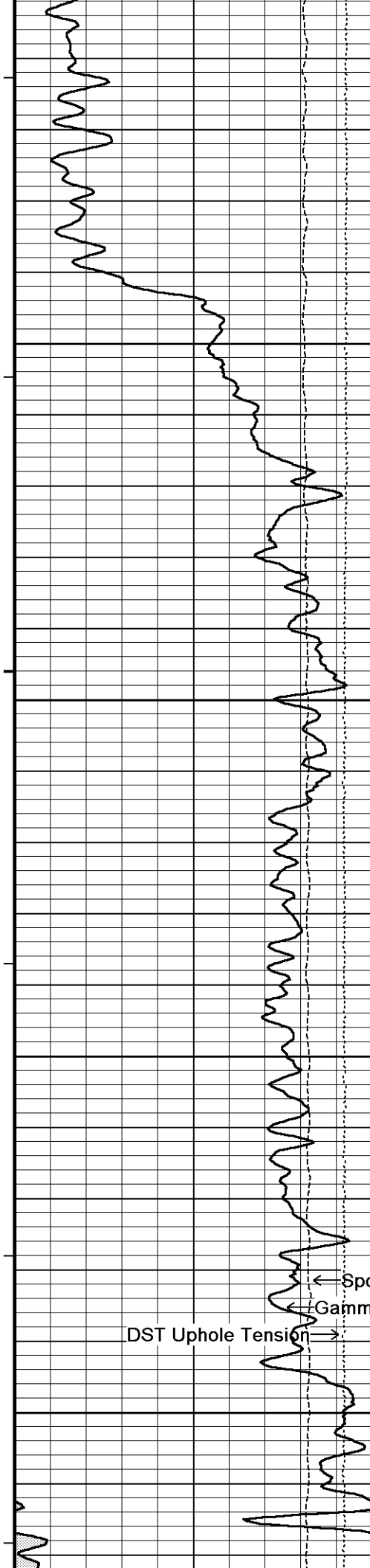


Array Ind. One Res Rt →

Array Ind. One Res 60 →

Array Ind. One Res 40 →





96°

950

96°

1000

97°

1050

97°

1100

Array Ind. One Res Rt

Array Ind. One Res 60

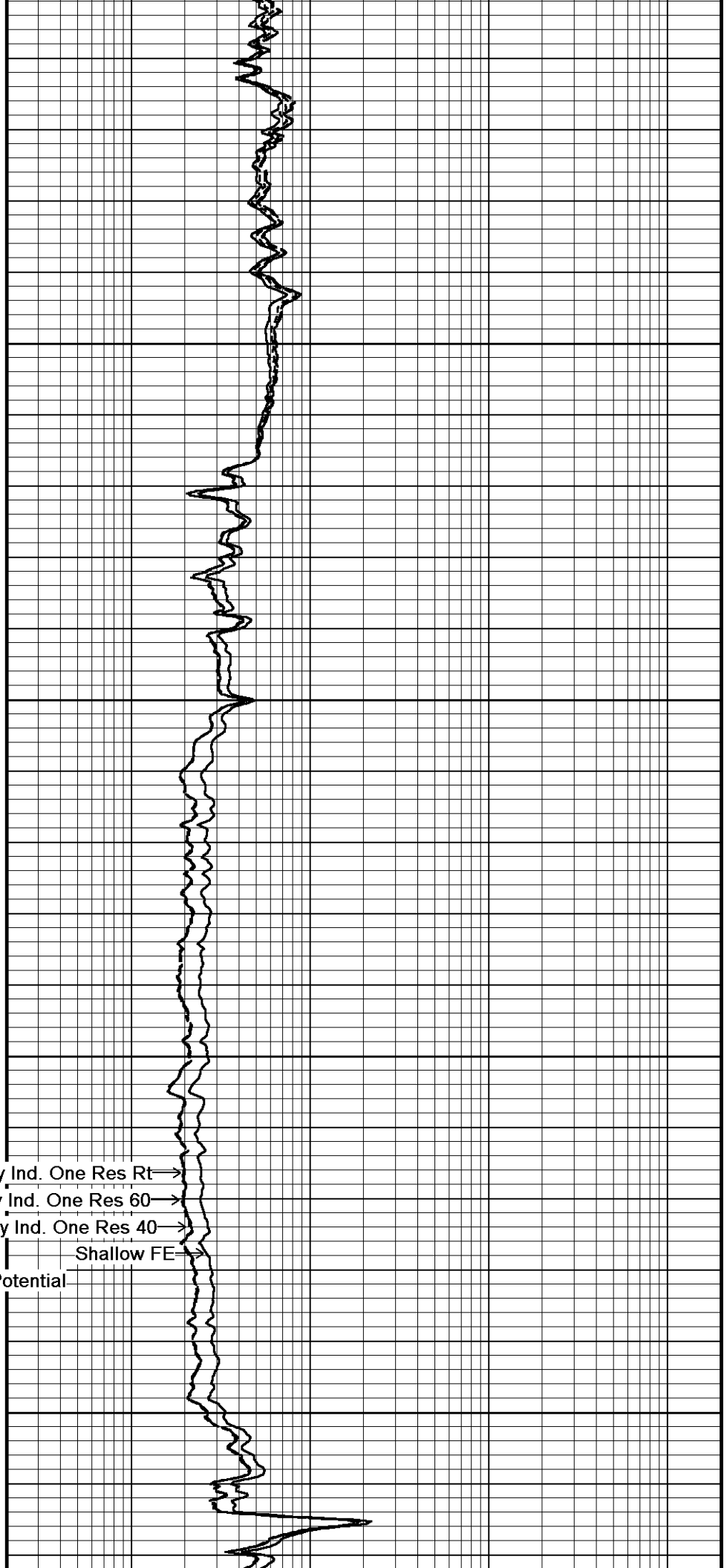
Array Ind. One Res 40

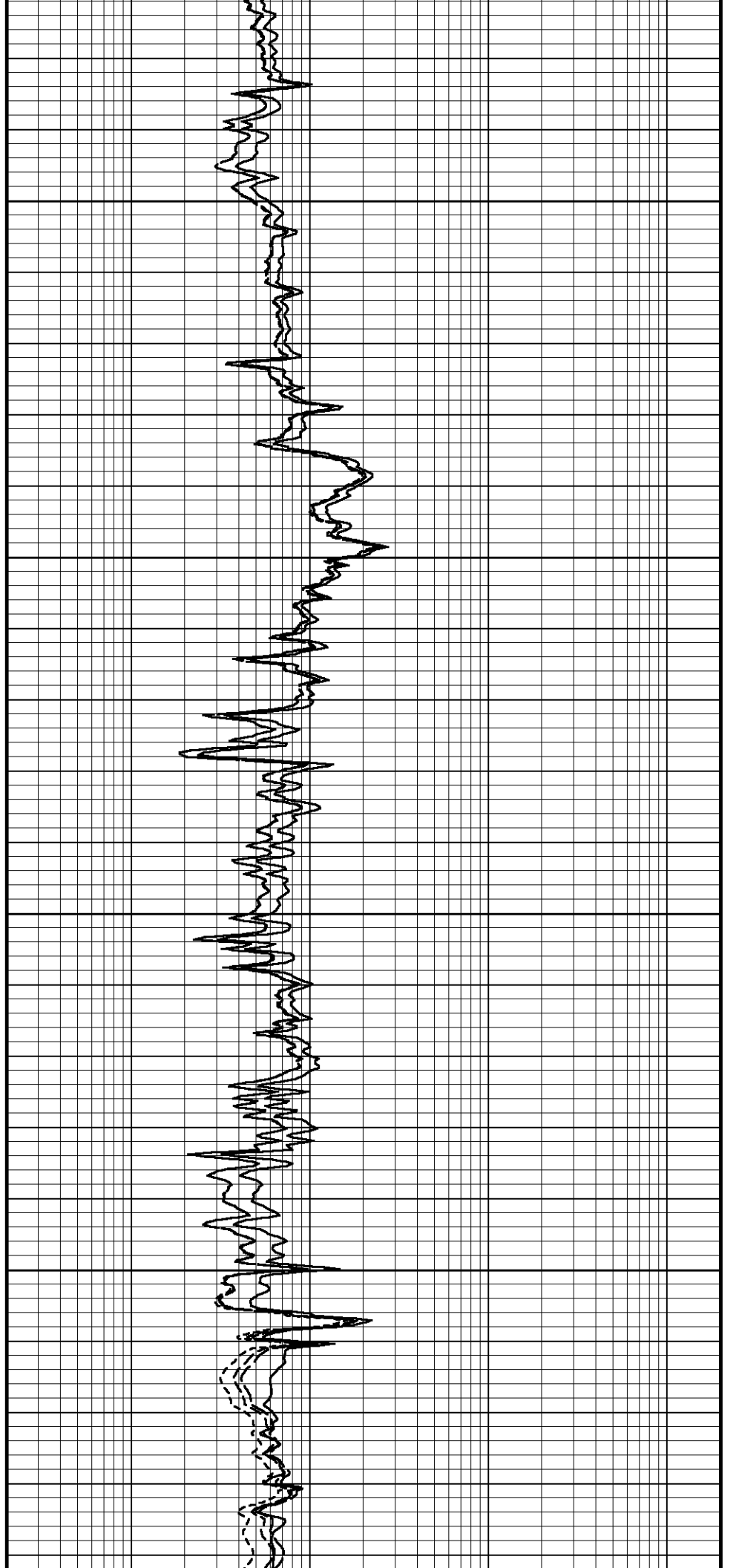
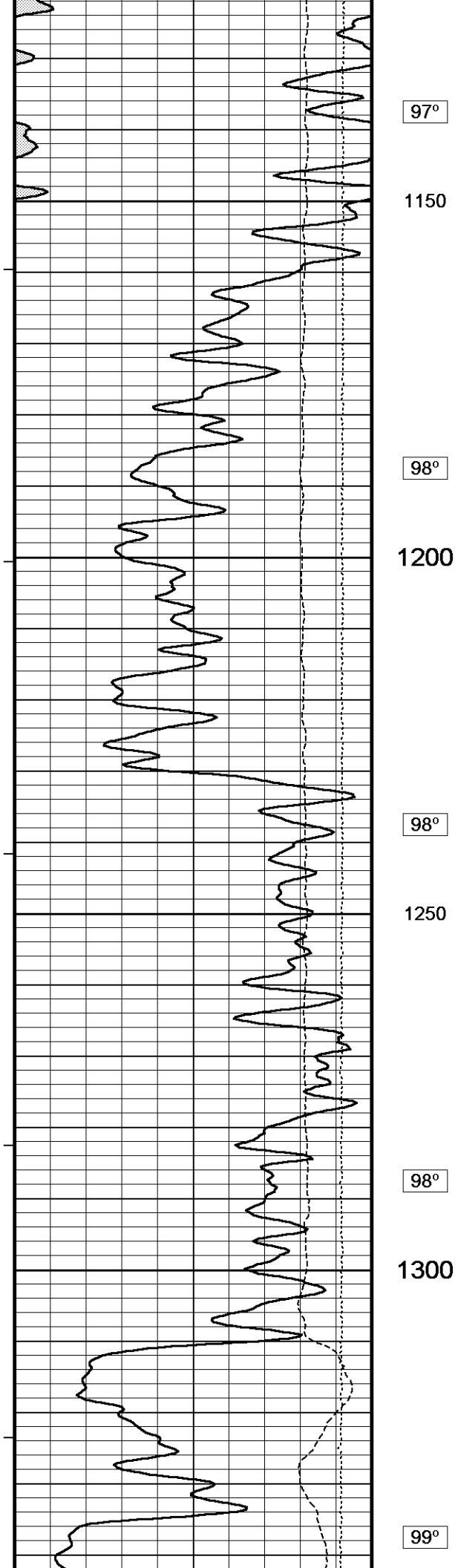
Shallow FE

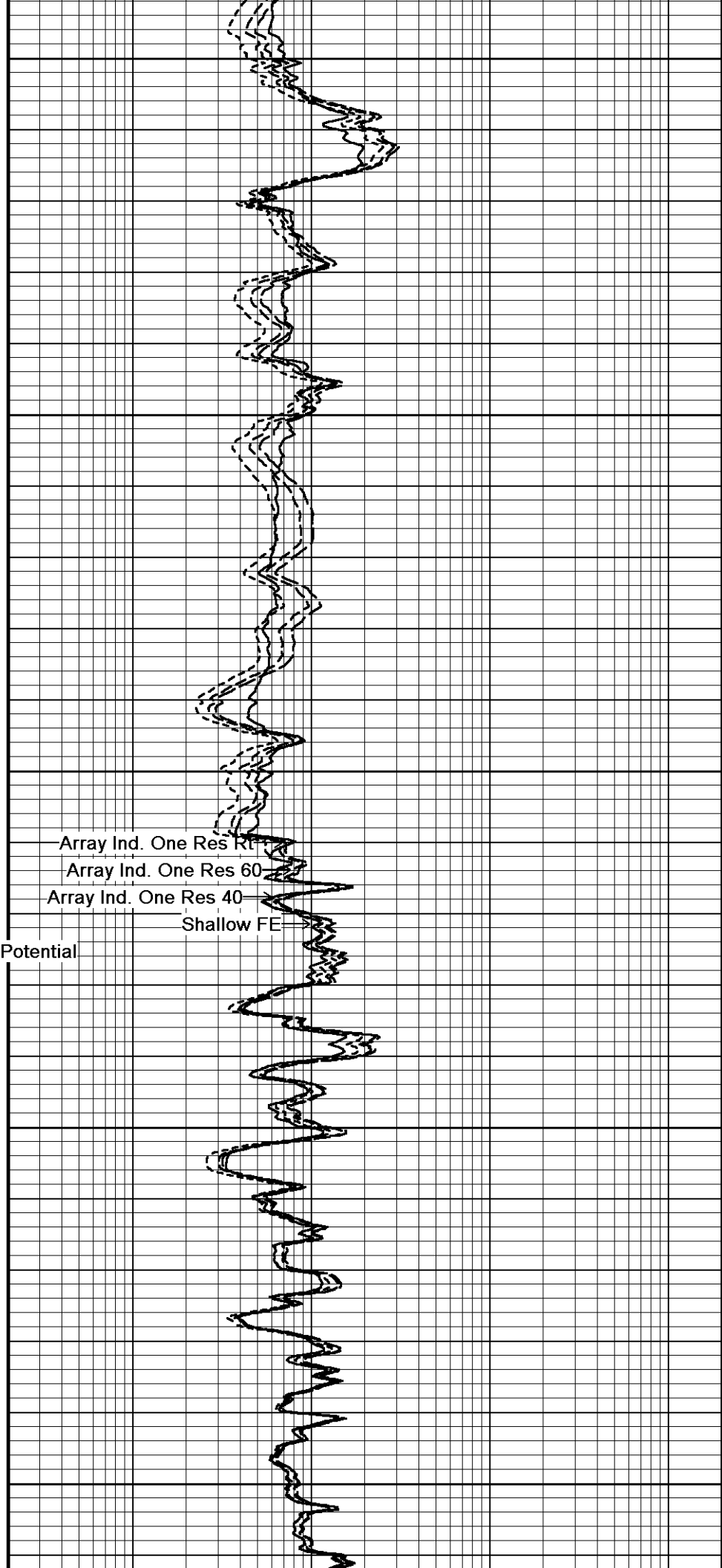
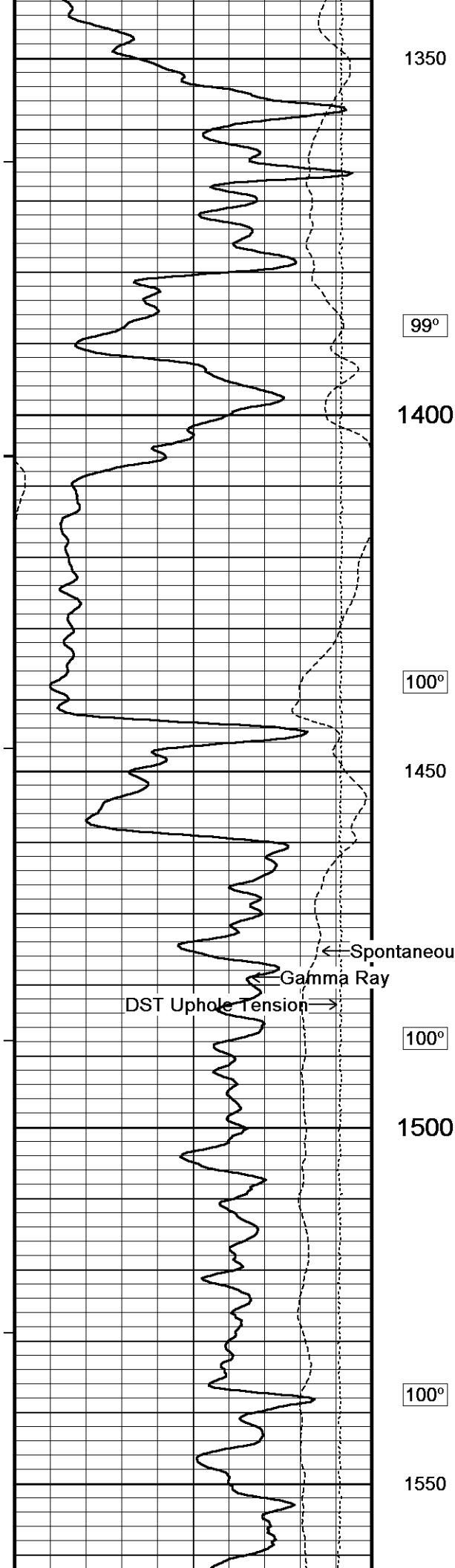
Spontaneous Potential

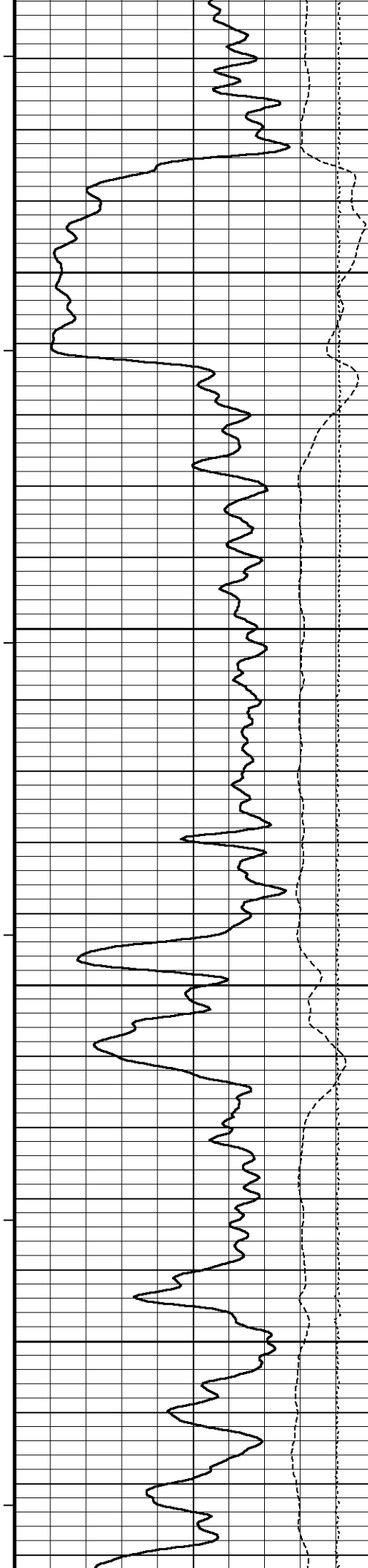
Gamma Ray

DST Uphole Tension









100°

1600

101°

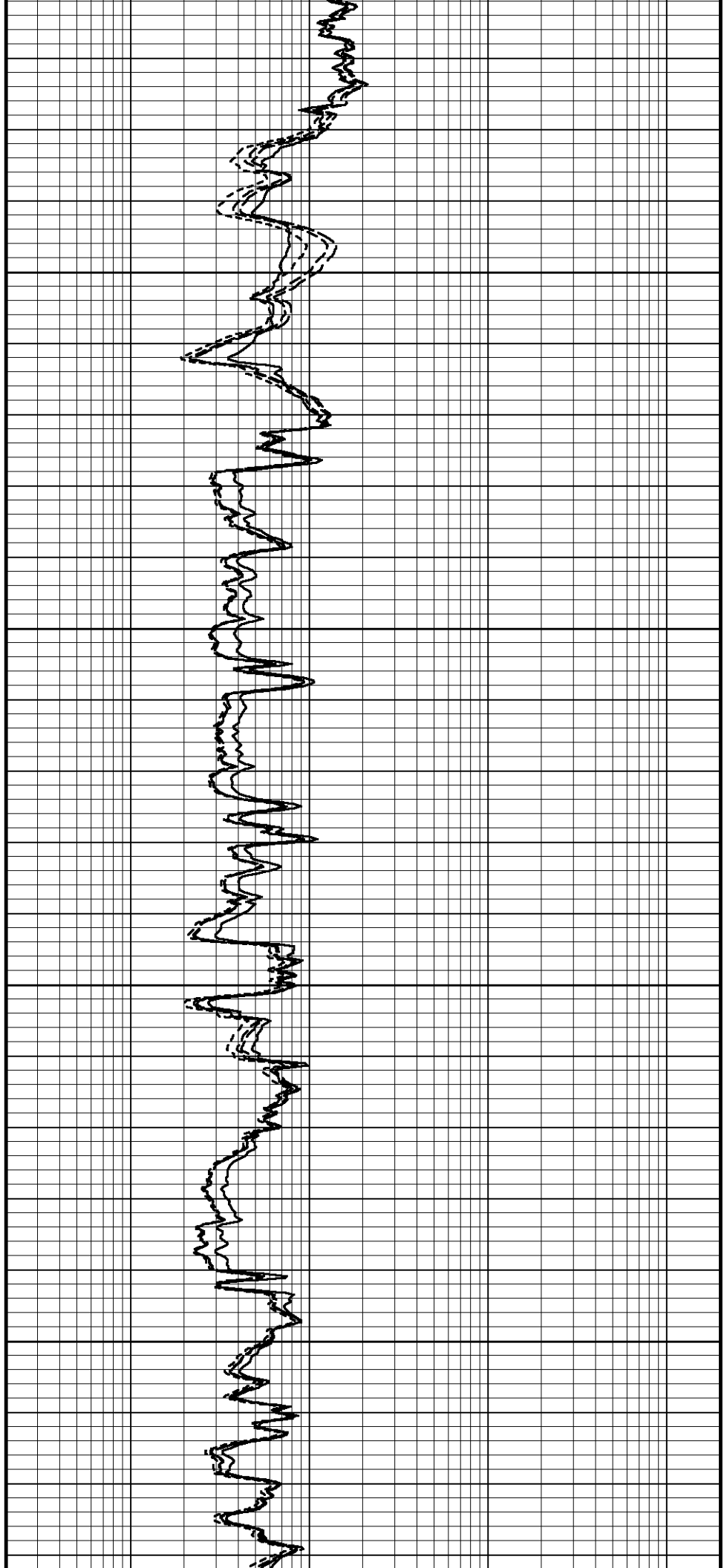
1650

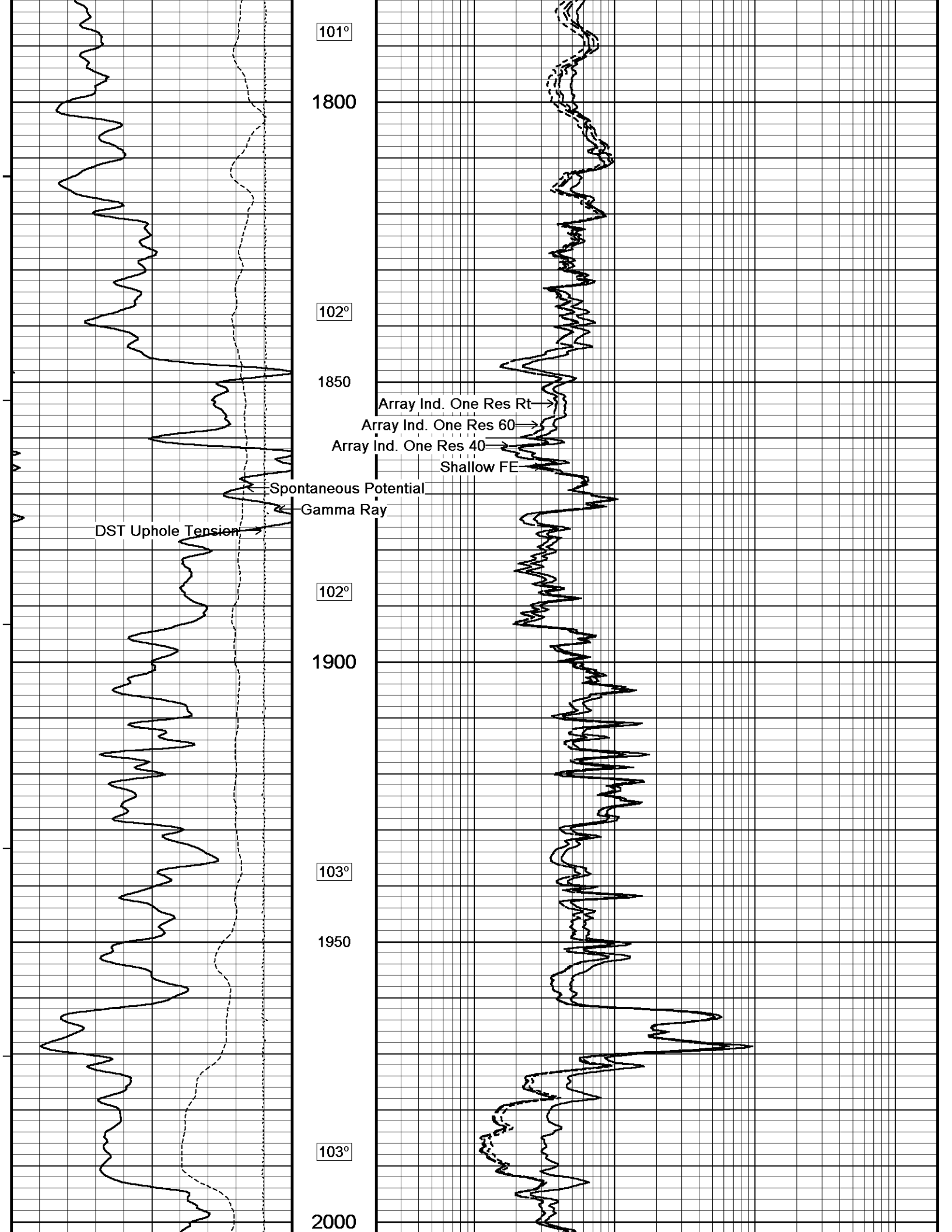
101°

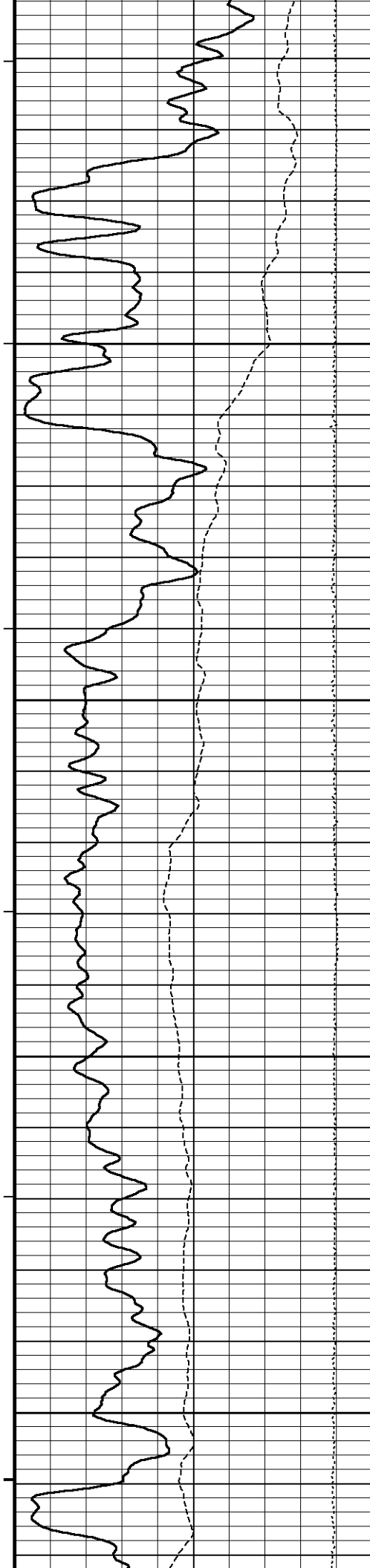
1700

101°

1750







102°

2050

102°

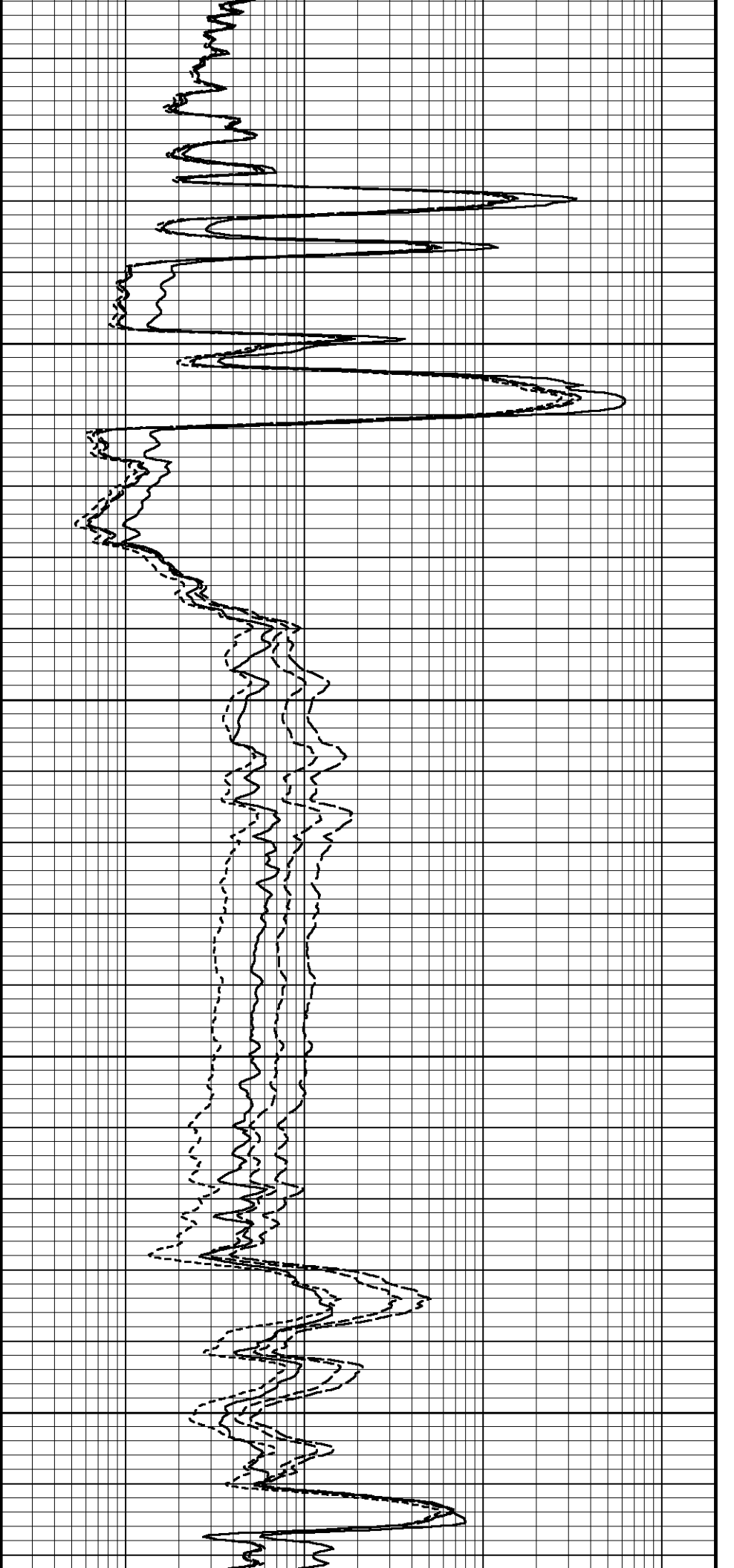
2100

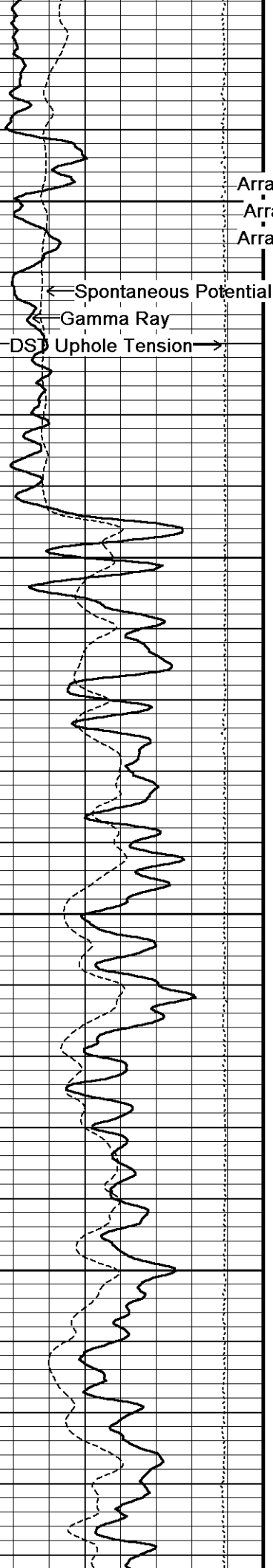
102°

2150

103°

2200





103°

Array Ind. One Res Rt
Array Ind. One Res 60
Array Ind. One Res 40

Shallow FE

103°

2300

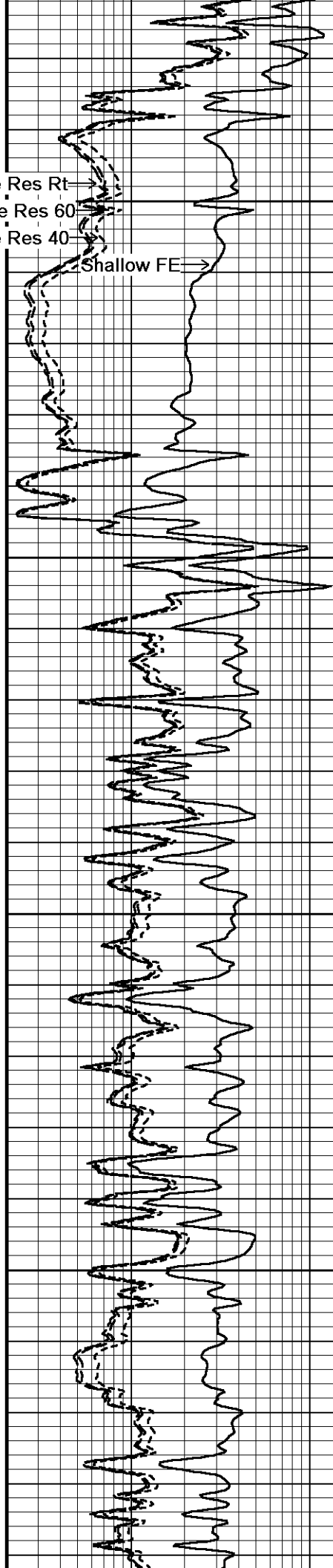
103°

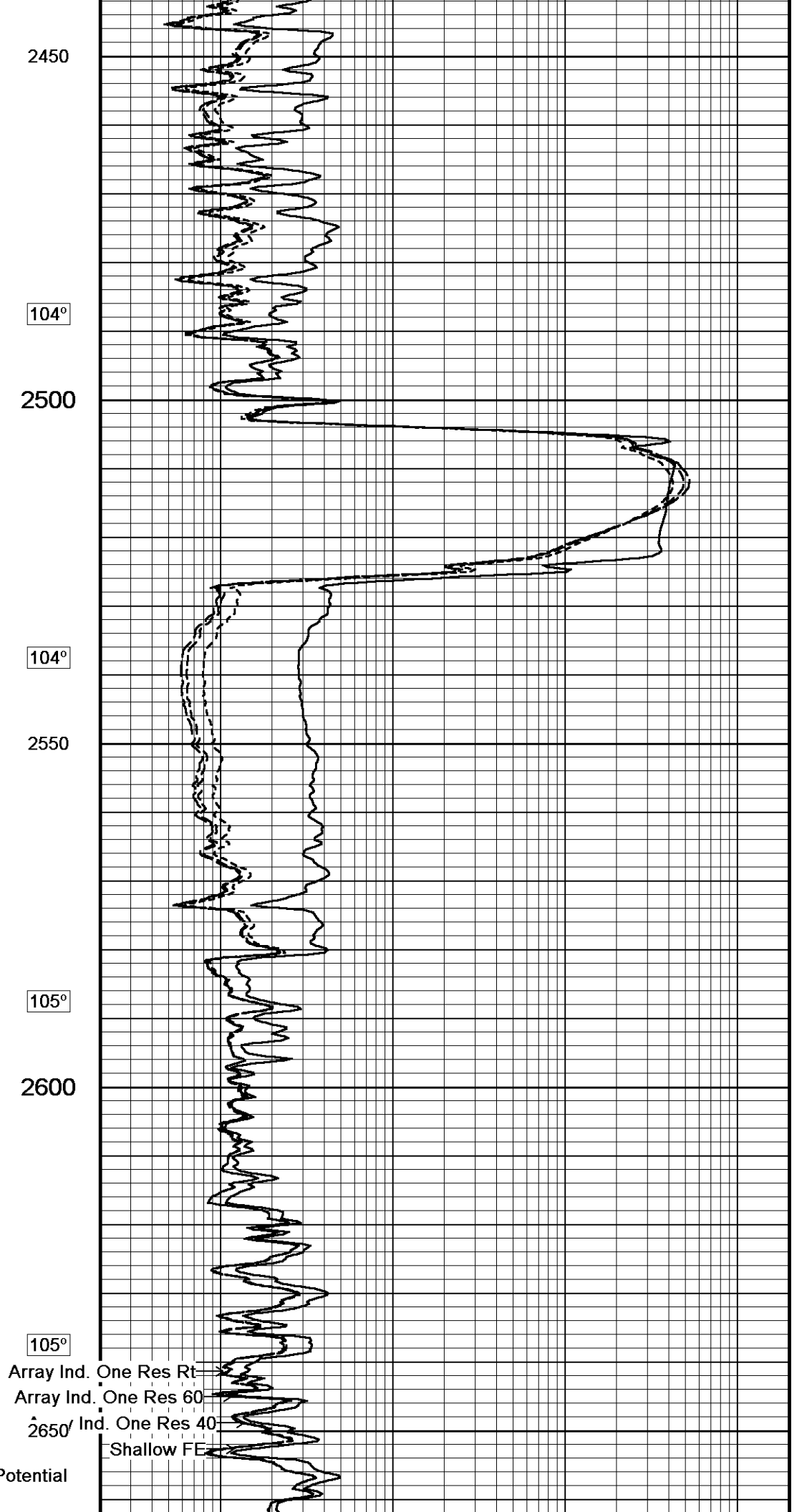
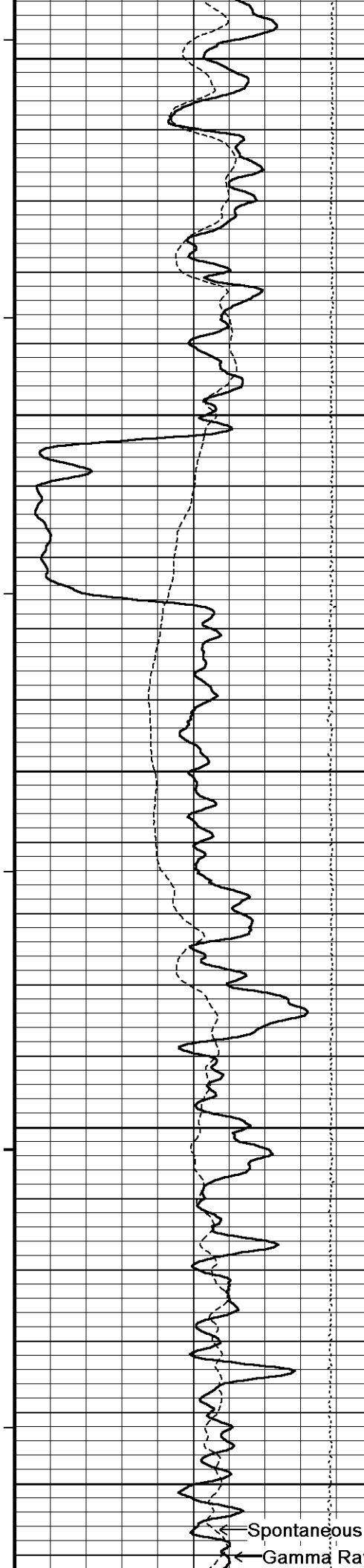
2350

104°

2400

104°





2450

104°

2500

104°

2550

105°

2600

105°

Array Ind. One Res Rt

Array Ind. One Res 60

Ind. One Res 40

Shallow FE

2650

Spontaneous Potential

Gamma Ray

DST Uphole Tension →

105°

2700

106°

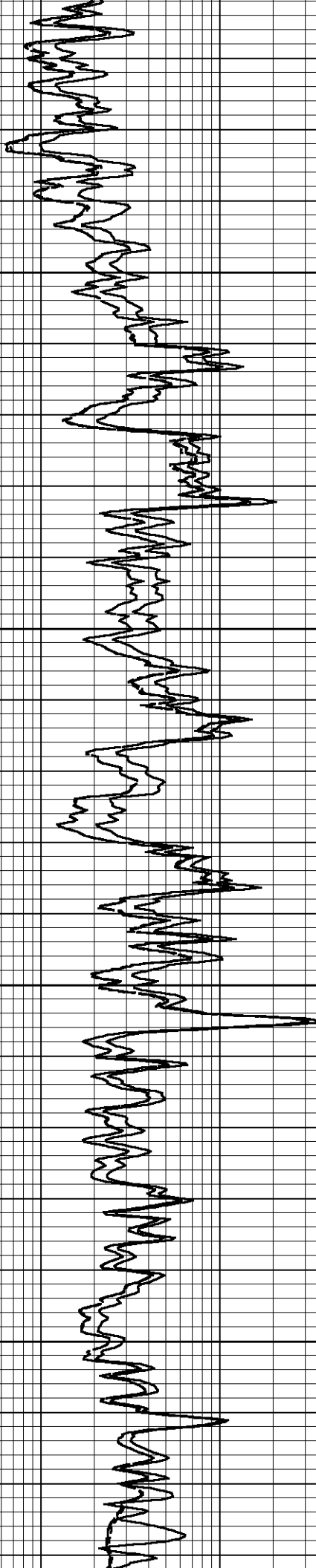
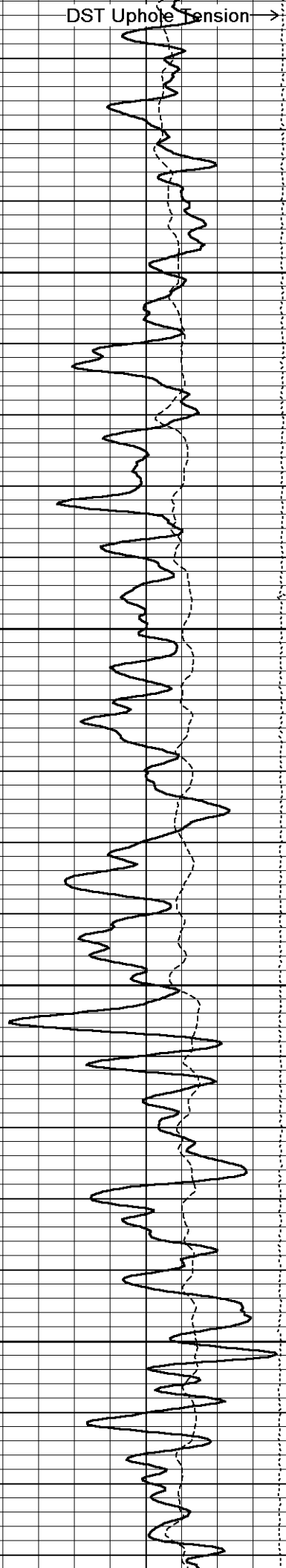
2750

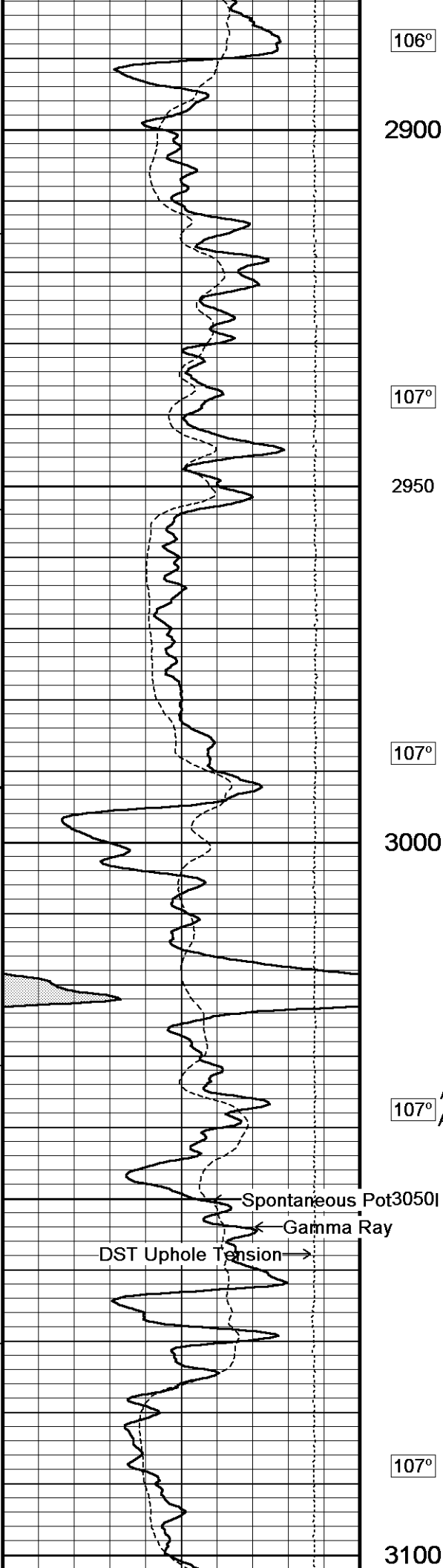
106°

2800

106°

2850





106°

2900

107°

2950

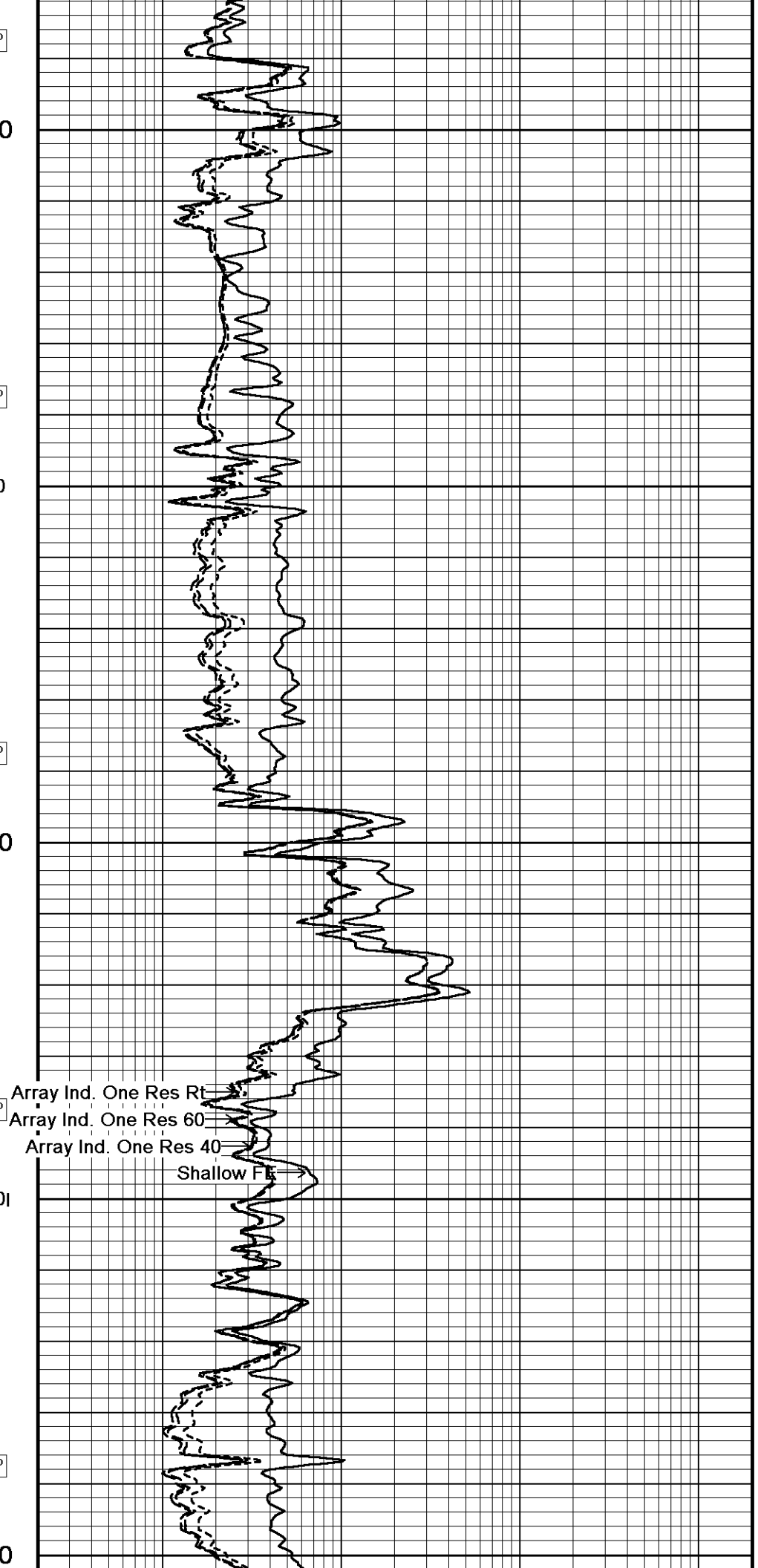
107°

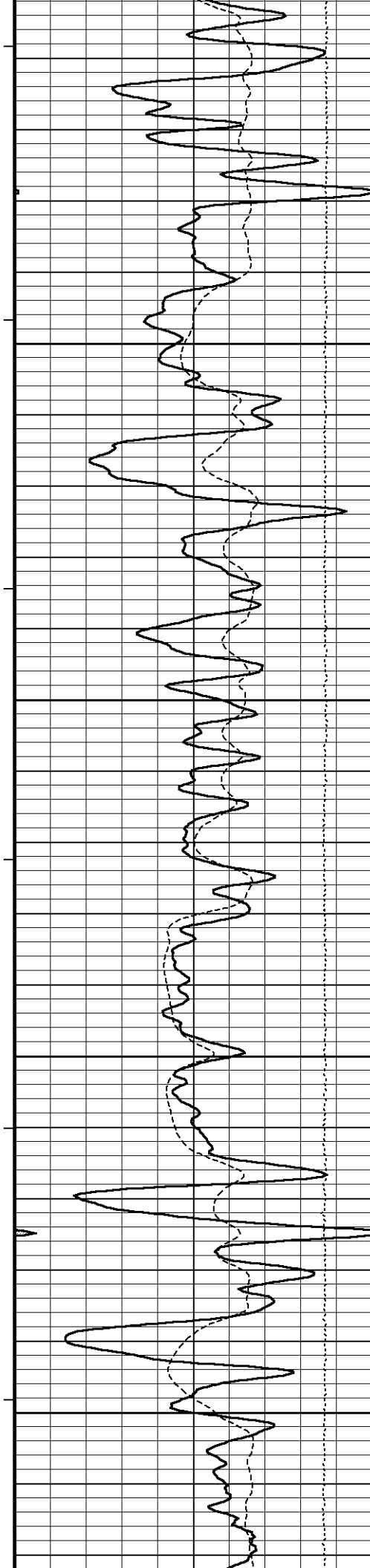
3000

107°

107°

3100





107°

3150

108°

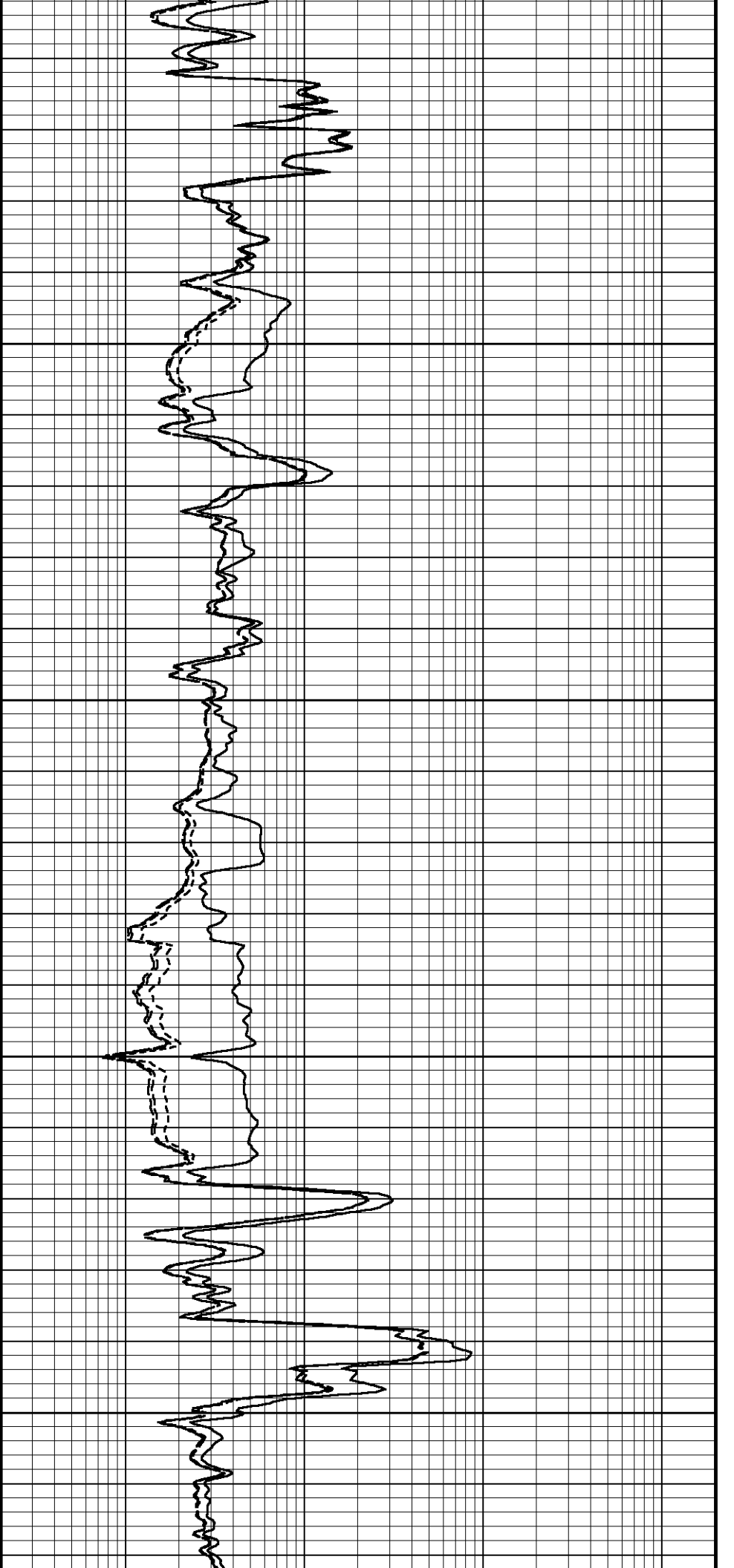
3200

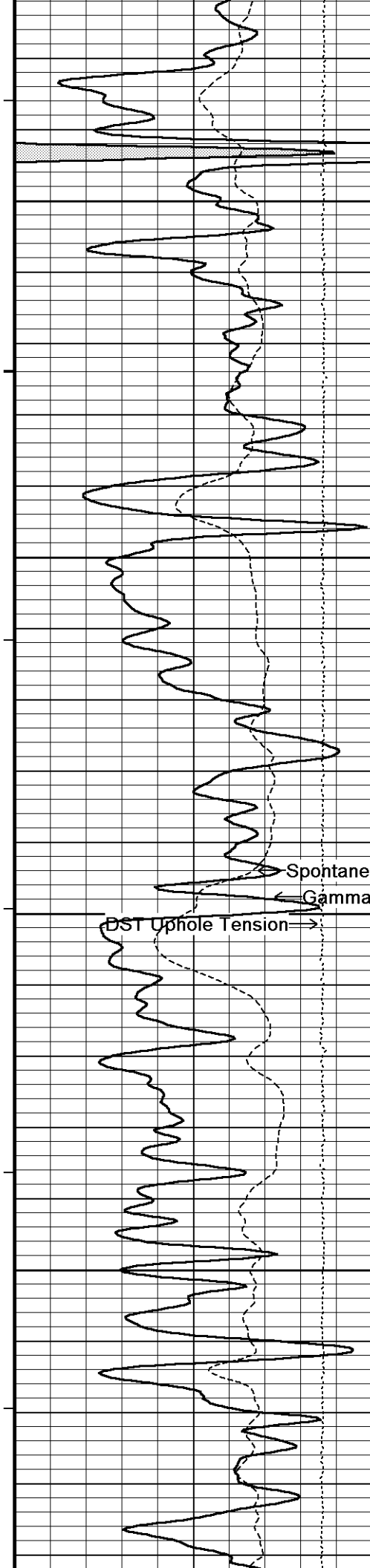
108°

3250

108°

3300





109°

3350

109°

3400

109°

Spontaneous Potential

Gamma Ray

DST Uphole Tension

3450

109°

3500

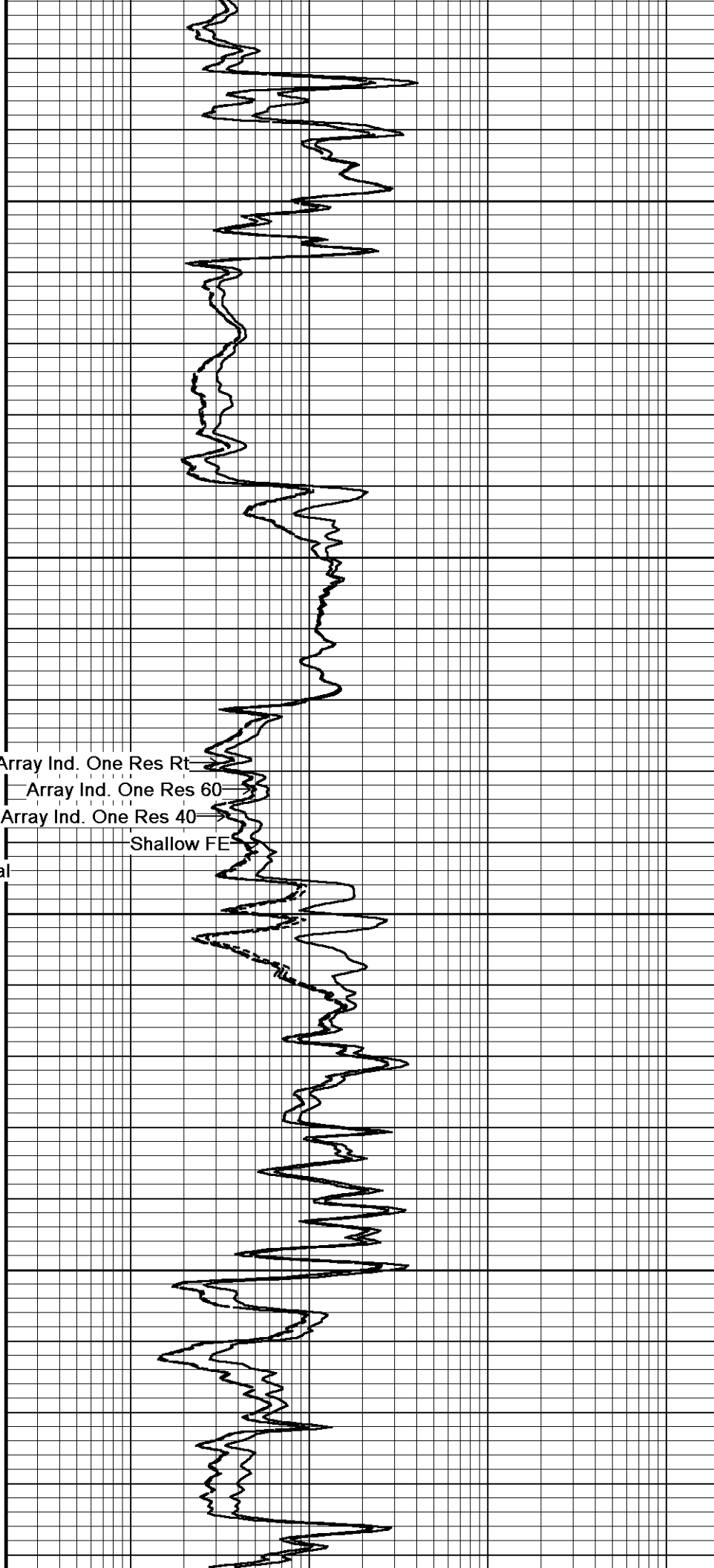
110°

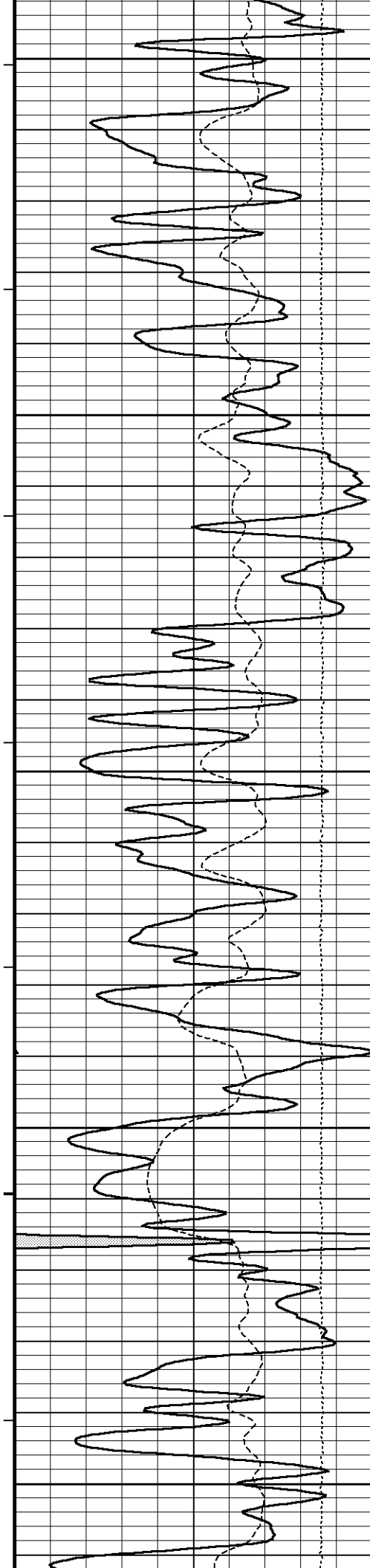
Array Ind. One Res Rt

Array Ind. One Res 60

Array Ind. One Res 40

Shallow FE





3550

110°

3600

111°

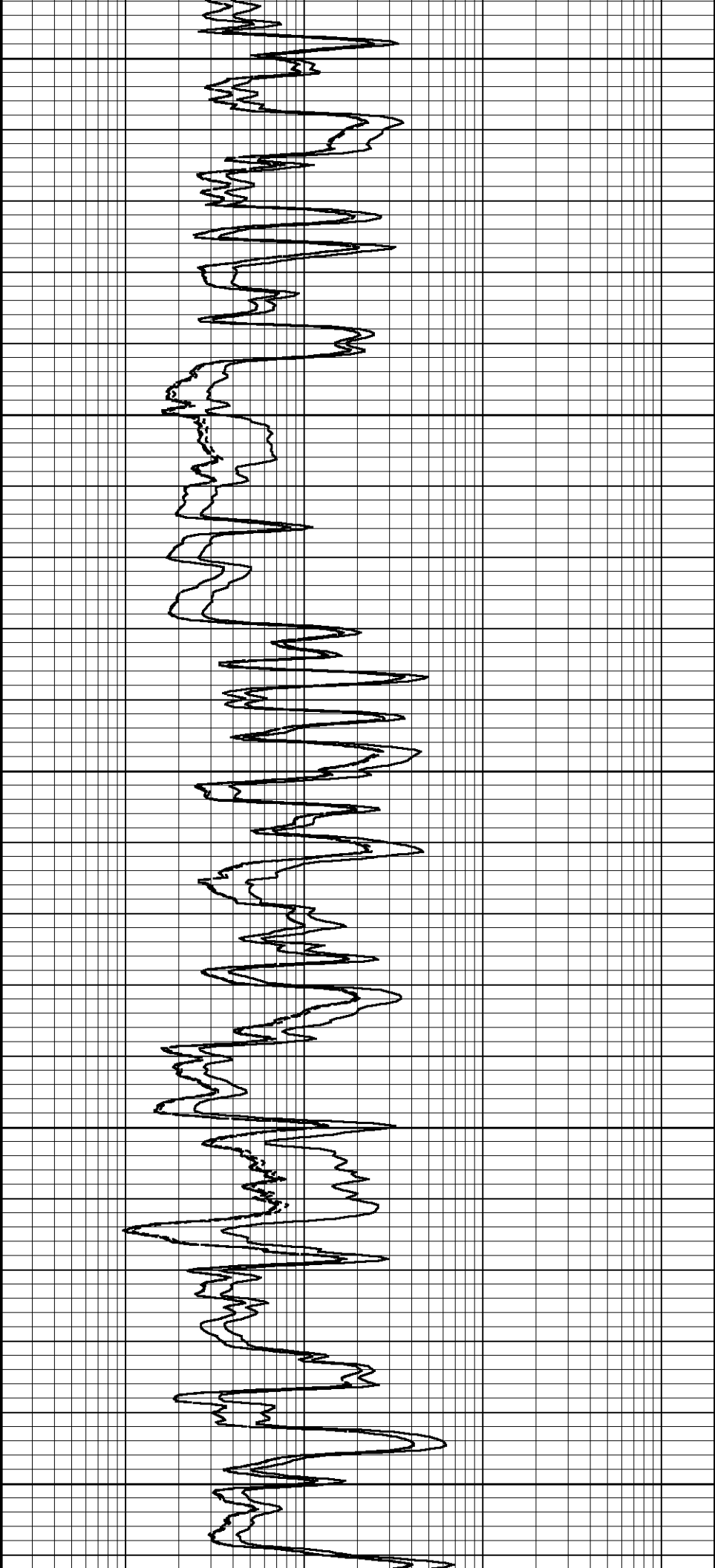
3650

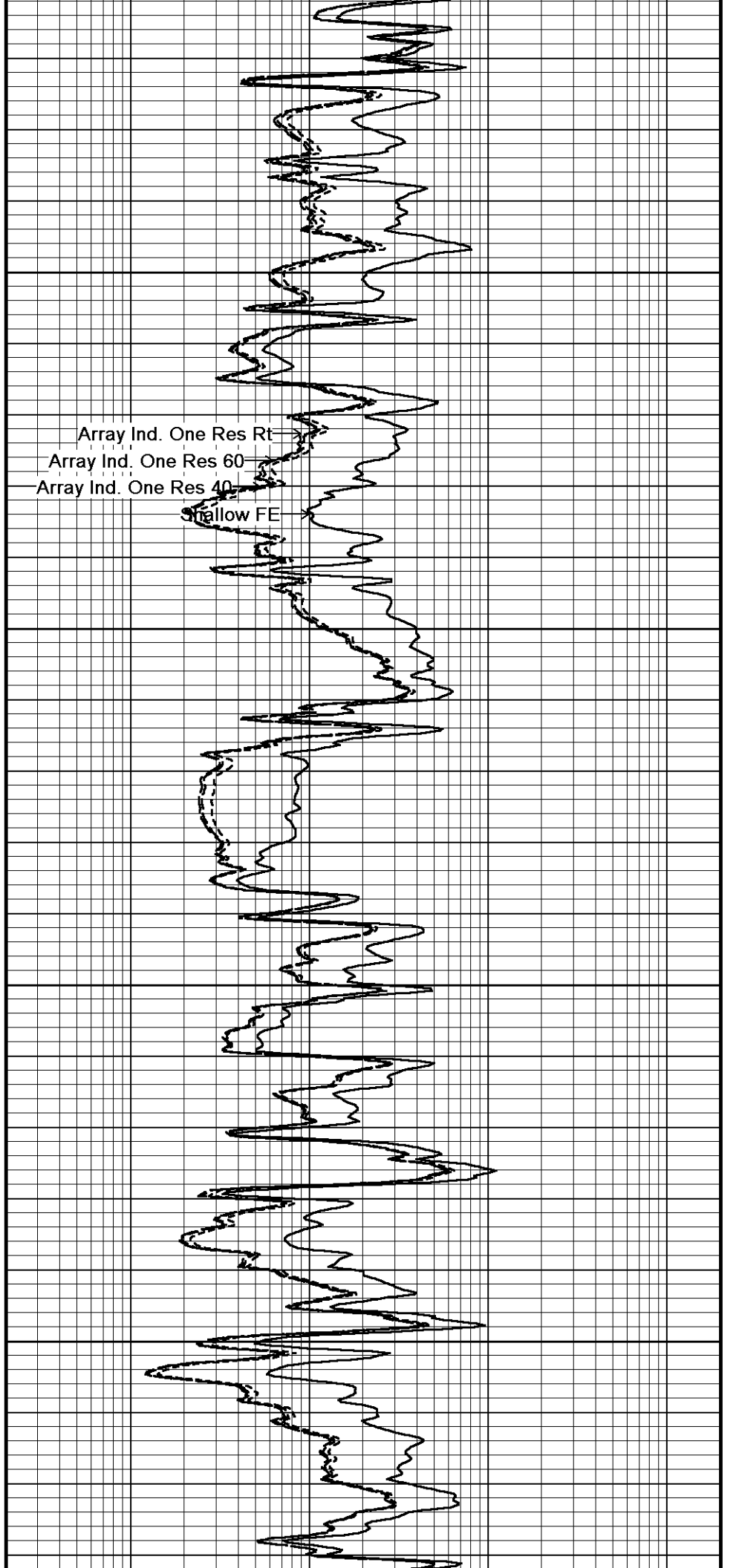
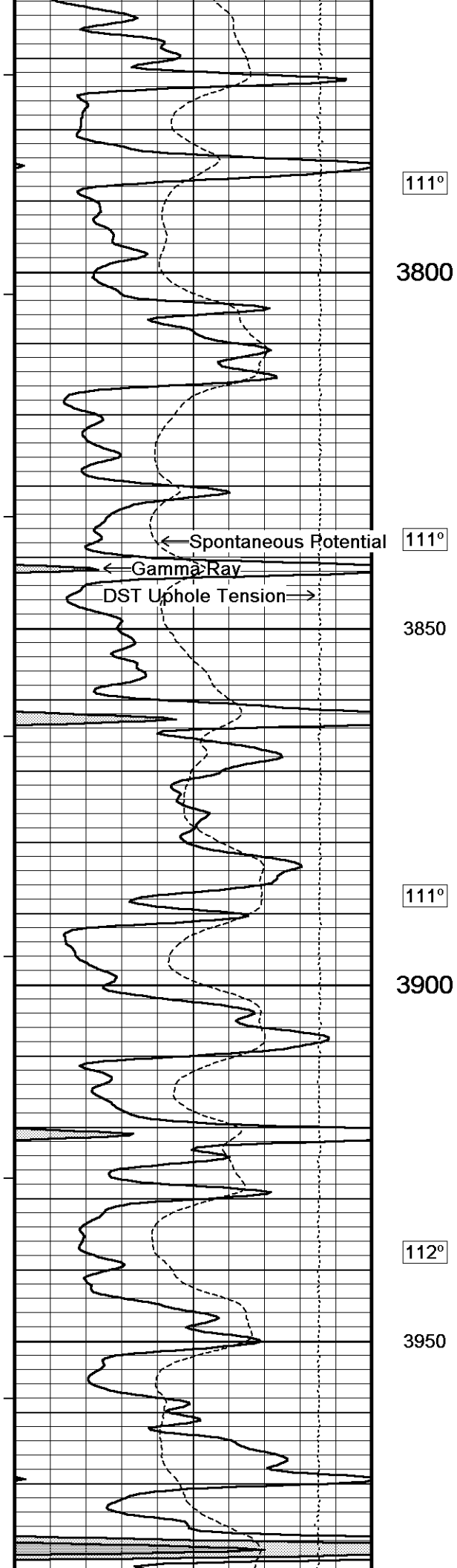
111°

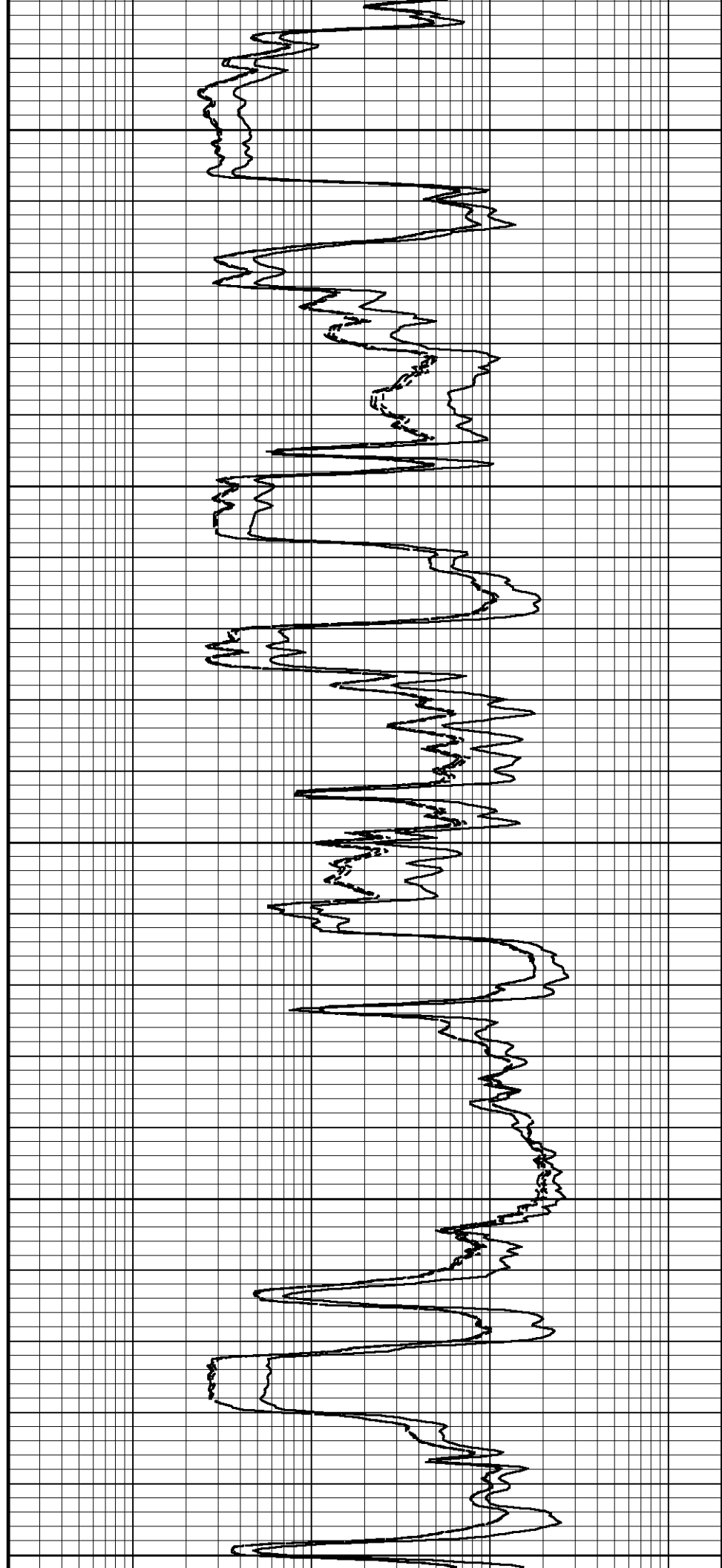
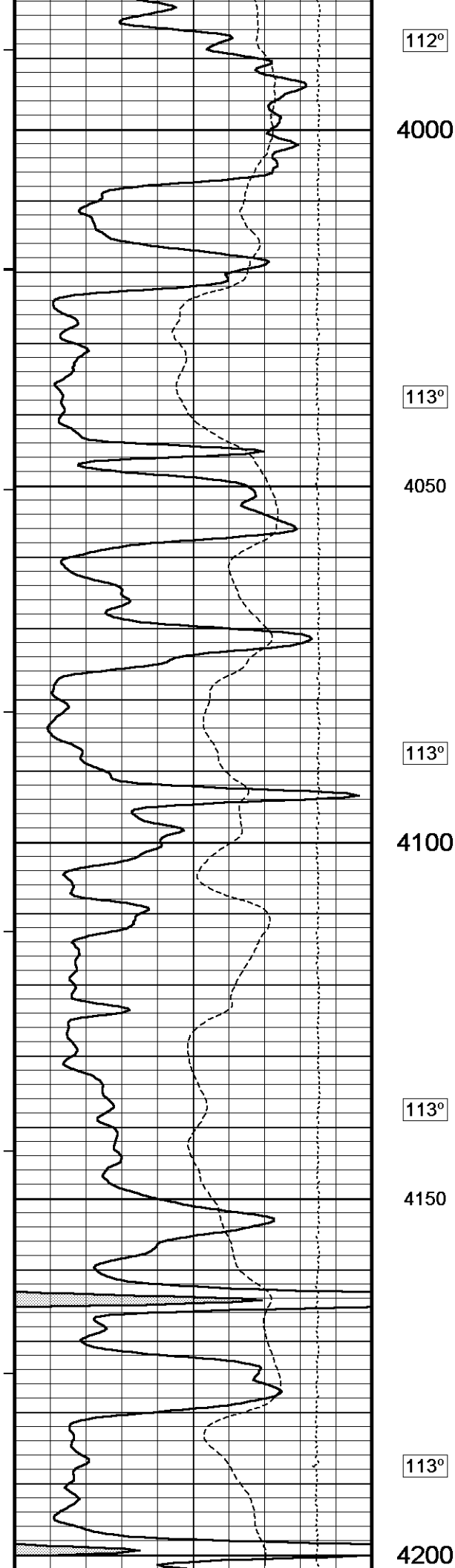
3700

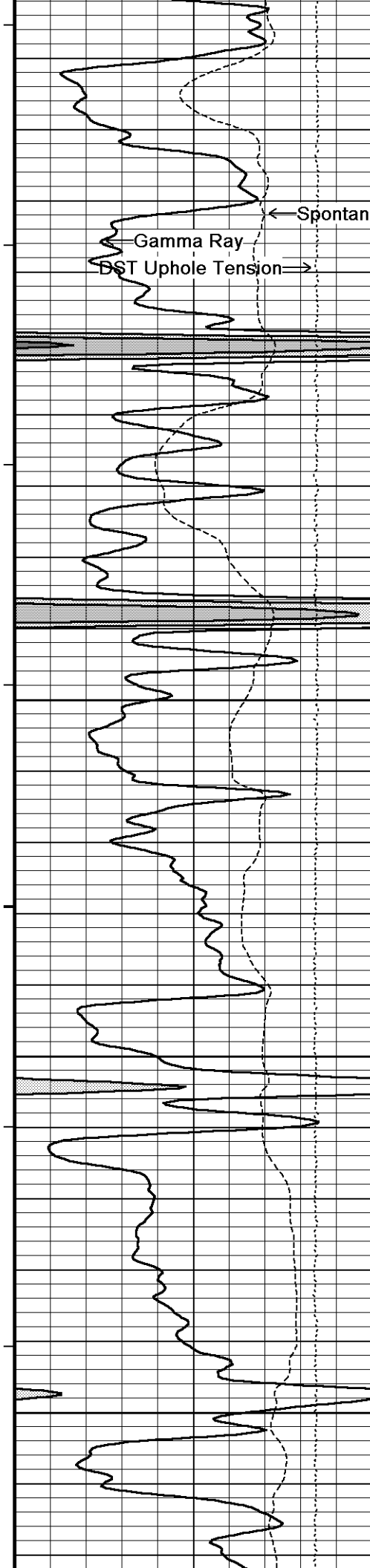
111°

3750









114°

4250

115°

4300

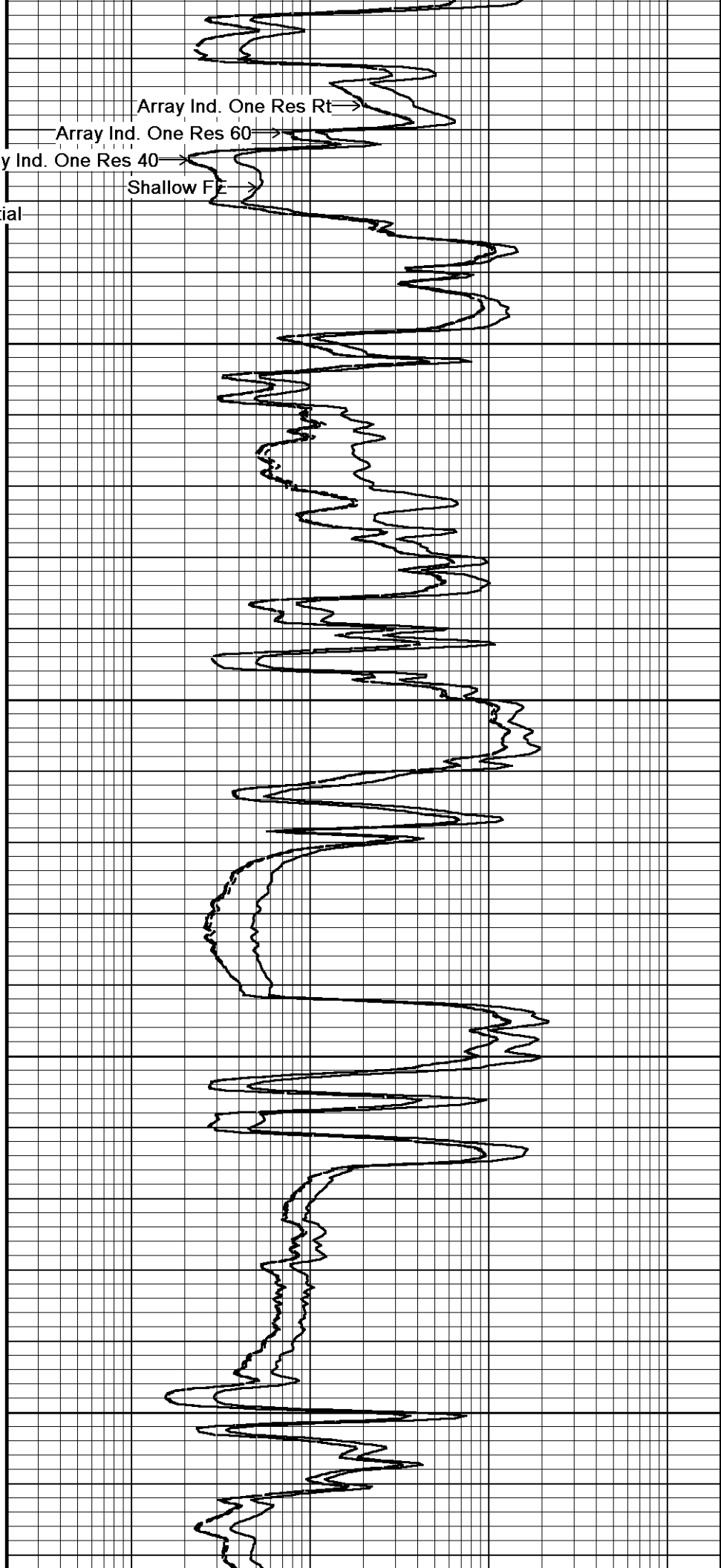
115°

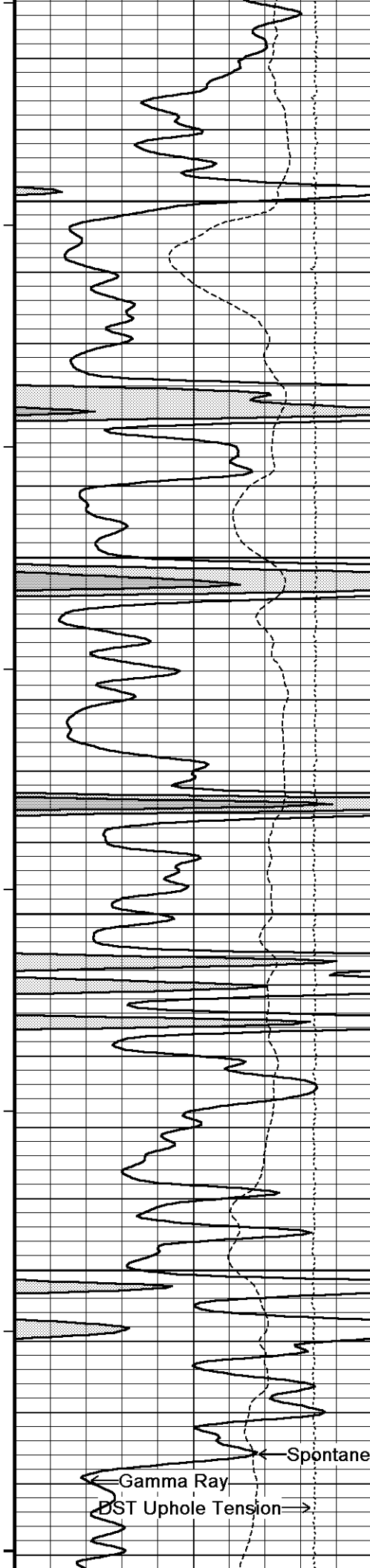
4350

115°

4400

Array Ind. One Res Rt
Array Ind. One Res 60
Array Ind. One Res 40
Shallow FF





116°

4450

116°

4500

117°

4550

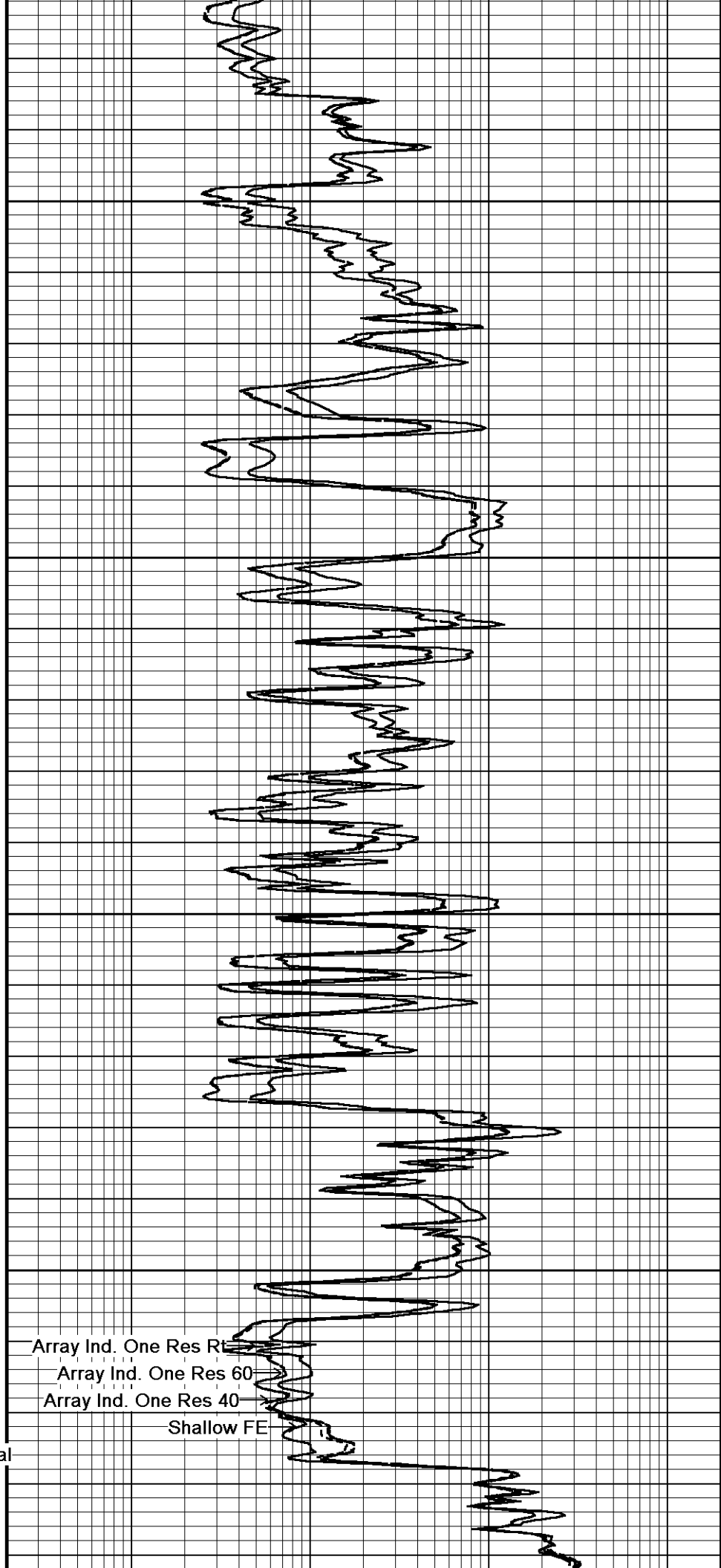
118°

4600

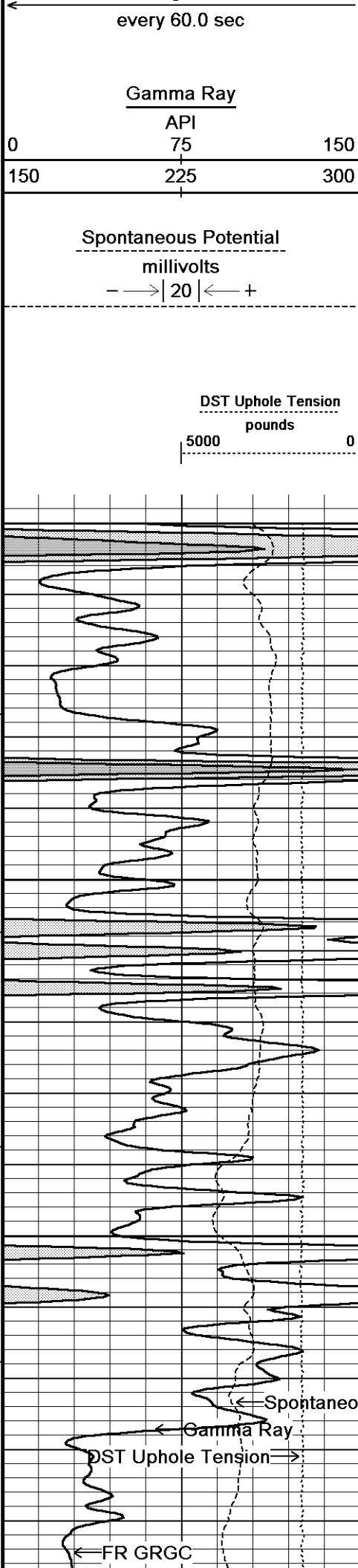
118°

Gamma Ray
DST Uphole Tension

Spontaneous Potential



Array Ind. One Res Rt
Array Ind. One Res 60
Array Ind. One Res 40
Shallow FE



Borehole
Temp in
deg F

Replay
Scale
1:240

4500

116°

4550

117°

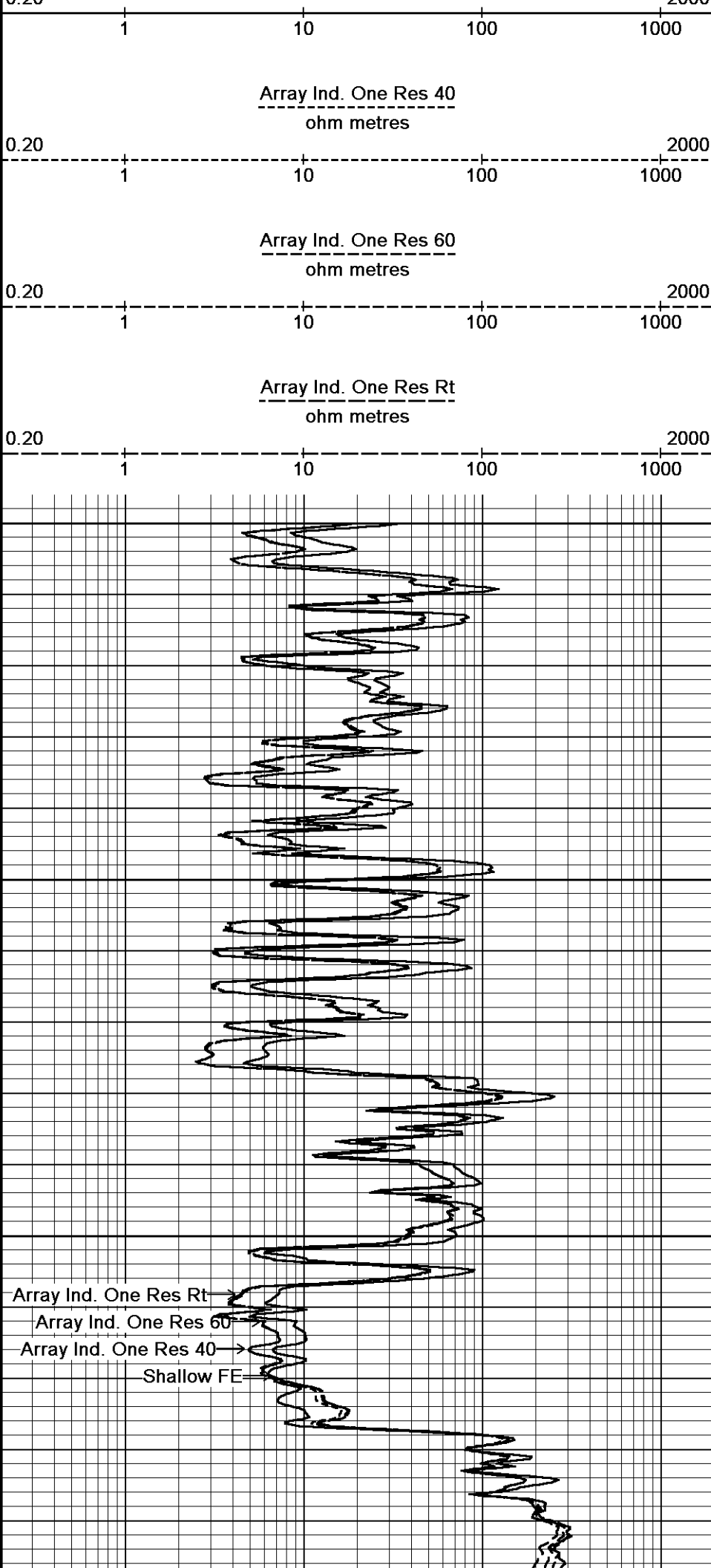
4600

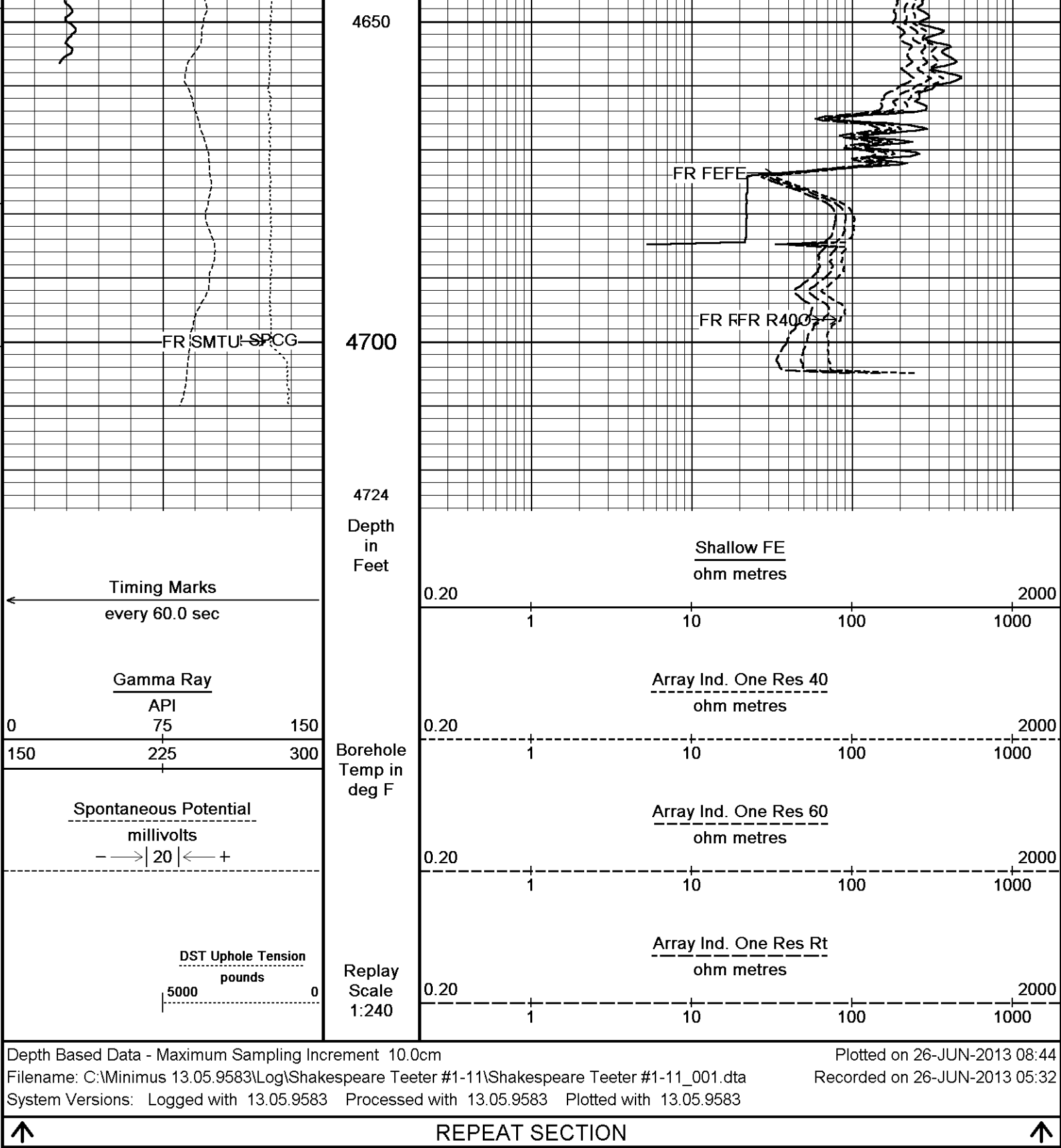
Spontaneous Potential

Gamma Ray

DST Uphole Tension

FR GRGC





BEFORE SURVEY CALIBRATION		
C:\Minimus 13.05.9583\Log\Shakespeare Teeter #1-11\Shakespeare Teeter #1-11_002.dta		
General Constants All 000		Last Edited on 26-JUN-2013,04:46
General Parameters		
Mud Resistivity	1.120	ohm-metres
Mud Resistivity Temperature	89.000	degrees F
Water Level	0.000	feet
Borehole Fluid Processing	Wet Hole	

Hole/Annular Volume and Differential Caliper Parameters				
HVOL Method	Single Caliper			
HVOL Caliper 1	Density Caliper			
HVOL Caliper 2	N/A			
Annular Volume Diameter	5.500		inches	
Caliper for Differential Caliper	Density Caliper			
Rwa Parameters				
Porosity used	Base Density Porosity			
Resistivity used	Array Ind. Four Res Rt			
RWA Constant A	0.610			
RWA Constant M	2.150			
SW/APOR Tool Source	0.000			
Down-hole Tension Calibration SMS 0			Field Calibration on 26-JUN-2013 04:24	
Reading No	Measured	Calibrated (lbs)		
1	13930.99	0.00		
2	15329.61	471.80		
Gamma Calibration MCG-D.K 469			Field Calibration on 21-JUN-2013 10:11	
	Measured	Calibrated (API)		
Background	66	44		
Calibrator (Gross)	1145	769		
Calibrator (Net)	1079	725		
Gamma Constants MCG-D.K 469			Last Edited on 26-JUN-2013,01:00	
Gamma Calibrator Number	GRC38			
Mud Density	1.11	gm/cc		
Caliper Source for Processing	Density Caliper			
Tool Position	Eccentred			
Concentration of KCl			kppm	
K Mud Type	Chloride			
K Mud Concentration	0.00	%		
High Resolution Temperature Calibration MCG-D.K 469			Field Calibration on 28-MAY-2013,04:01	
	Measured	Calibrated(Deg F)		
Lower	50.00	50.00		
Upper	100.00	100.00		
High Resolution Temperature Constants MCG-D.K 469			Last Edited on 28-MAY-2013,04:01	
Pre-filter Length	11			
SP Calibration MCG-D.K 469			Field Calibration on 28-MAY-2013,04:01	
	Measured	Calibrated (mV)		
Reference 1	105.8	100.0		
Reference 2	-94.3	-100.0		
Caliper Calibration MML-A 3			Base Calibration on 05-JUN-2013 15:43 Field Calibration on 21-JUN-2013 10:00	
Base Calibration				
Reading No	Measured	Calibrator Size (in)		
1	14624	5.98		
2	17958	7.97		
3	21263	9.86		
4	25213	11.92		
5	0	0.00		
6	N/A	N/A		
Field Calibration				
	Measured Caliper (in)	Actual Caliper (in)		
	6.12	5.98		
Micro Normal and Micro Inverse Calibration MML-A 3			Base Calibration on 05-JUN-2013 15:36 Field Check on 21-JUN-2013 09:57	
Base Calibration				
	Measured	Calibrated (ohm-m)		
Channel	Resistor 1	Resistor 2	Resistor 1	Resistor 2
Micro Normal	12.2	60.2	5.0	25.0

Micro Normal	12.2	66.2	6.0	26.0
Micro Inverse	15.7	78.3	5.0	25.0
Channel	Base Check (ohm-m)		Field Check (ohm-m)	
Micro Normal	63.0		63.0	
Micro Inverse	48.2		48.2	

Micro Normal and Micro Inverse Constants MML-A 3

Last Edited on 21-JUN-2013,09:54

Pad Type 8-12 in Soft Rubber Inflatable 006-9011-159
 Micro Normal K Factor 1.0000
 Micro Inverse K Factor 1.0000
 Standoff Offset N/A inches

Neutron Calibration MDN-A.B 66

Base Calibration on 22-MAY-2013 15:00

Field Check on 21-JUN-2013 10:22

Base Calibration

	Measured		Calibrated (cps)	
	Near	Far	Near	Far
	3145	98	3714	110
Ratio	32.215		33.764	

Field Calibrator at Base

	Calibrated (cps)	
	1654	2365
Ratio	0.699	

Field Check

	Calibrated (cps)	
	1643	2364
Ratio	0.695	

Neutron Constants MDN-A.B 66

Last Edited on 21-JUN-2013,10:12

Neutron Source Id P0204NN
 Neutron Jig Number 5824NE
 Epithermal Neutron No
 Caliper Source for Processing Density Caliper
 Stand-off 0.00 inches
 Mud Density 1.00 gm/cc
 Limestone Sigma 7.10 cu
 Sandstone Sigma 4.26 cu
 Dolomite Sigma 4.70 cu
 Formation Pressure Source None
 Formation Pressure N/A kpsi
 Temperature Source Constant Value
 Temperature 68.00 degrees F
 Mud Salinity 0.00 kppm
 Salinity Correction Not Applied
 Formation Fluid Salinity Source None
 Formation Fluid Salinity N/A kppm
 Barite Mud Correction Not Applied

FE Calibration MFE-B.J 353

Base Calibration on 22-MAY-2013 08:22

Field Check on 21-JUN-2013 10:30

Base Calibration

	Measured	Calibrated (ohm-m)
Reference 1	0.0	0.0
Reference 2	964.9	126.8
Base Check		280.9
Field Check		280.8

FE Constants MFE-B.J 353

Last Edited on 21-JUN-2013,10:29

Running Mode No Sleeve
 MFE K Factor 0.1268
 Caliper Source for FE correction Bit Size
 Caliper Value for FE correction N/A inches
 Rm Source for FE correction Temperature Corr
 Temp. for Rm Corr. MCG External Temperature
 Stand-off 0.5 inches

Sonic Constants MSS-C.K 368

Last Edited on 19-JUN-2013,16:37

Maximum Boundary Contrast	100.00	micro-sec/ft
Fluid Transit Time	189.00	micro-sec/ft
Limestone Transit Time	47.50	micro-sec/ft
Sandstone Transit Time	55.50	micro-sec/ft
Dolomite Transit Time	43.50	micro-sec/ft
Sonic used for Porosities	3-5' Compensated	
Correction for Sonde Skew	Applied	
Cycle Stretch Algorithm	Applied	
MN3FT	0.00	micro-sec
MX3FT	1500.00	micro-sec
Hunt-Raymer Constant	83.13	micro-sec/ft

Sonde Mode	Compensated
Hole Type	Open Hole

Sonde Parameters

	Measured	Calibrated
Offset	0.0000	0.0000
Free Pipe	0.0000	

Peak Amplitude Source

Waveform	Start Time (micro-sec)	Width (micro-sec)	Pre Gain	Start Gain	Discriminator (mV)
3'	N/A	N/A	N/A	N/A	N/A
4'	N/A	N/A	N/A	N/A	N/A
5'	N/A	N/A	N/A	N/A	N/A
6'	N/A	N/A	N/A	N/A	N/A

Processed Fixed Gate Parameters

Waveform Used For Processing	N/A		
Start Time (micro-sec)	End Time (micro-sec)	Discriminator (mV)	Depth (ft)
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00

Full Waveform Parameters

Use 3' Waveform to derive TR	No
Use 4' Waveform to derive TR	No
Use 5' Waveform to derive TR	No
Use 6' Waveform to derive TR	No
3' Waveform Discriminator Level	0.30 mV
4' Waveform Discriminator Level	0.30 mV
5' Waveform Discriminator Level	0.15 mV
6' Waveform Discriminator Level	0.15 mV
3' Waveform Filter	
4' Waveform Filter	
5' Waveform Filter	
6' Waveform Filter	

Semblance Level	0.50
Semblance Window Width	120.00 micro-sec
Sonic 1 Despiker	100.00 micro-sec/ft
Sonic 2 Despiker	100.00 micro-sec/ft

Induction Calibration MAI-A.A 167

Base Calibration on 19-APR-2013,13:41
Field Check on 21-JUN-2013 10:32

Base Calibration

Test Loop Calibration	Measured		Calibrated (mmho/m)	
Channel	Low	High	Low	High
1	17.3	474.2	9.3	966.2
2	6.3	388.4	7.6	821.4
3	3.3	259.4	5.2	566.0
4	1.9	133.0	2.6	279.2

Array Temperature	76.8	Deg F
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Channel	Base Check (mmho/m)		Field Check (mmho/m)	
	Low	High	Low	High

1	13.4	3837.9
2	29.7	3475.3
3	29.2	3051.8
4	19.8	2081.1
Deep	18.7	2048.7
Medium	42.3	3989.2
Shallow	43.1	5051.0
Array Temperature	79.1	Deg F

Induction Constants MAI-A.A 167

Last Edited on 21-JUN-2013,10:30

Induction Model	RtAP-WBM		
Caliper for Borehole Corr.	Bit Size		
Hole Size for Borehole Correction	N/A	inches	
Tool Centred	No		
Stand-off Type	Fins		
Stand-off	0.50	inches	
Number of Fins on Stand-off	8.0000		
Stand-off Fin Angle	60.00	degrees	
Stand-off Fin Width	0.5000	inches	
Borehole Corr. Rm Source	Temperature Corr		
Temp. for Rm Corr.	MCG External Temperature		
Squasher Start	0.0020	mhos/metre	
Squasher Offset	N/A	mhos/metre	
Borehole Normalisation			
DRM1	0.0000	DRC1	0.0000
DRM2	0.0000	DRC2	0.0000
MRM1	0.0000	MRC1	0.0000
MRM2	0.0000	MRC2	0.0000
SRM1	0.0000	SRC1	0.0000
SRM2	0.0000	SRC2	0.0000
Calibration Site Corrections			
Channel 1	0.00	mmhos/metre	
Channel 2	0.00	mmhos/metre	
Channel 3	0.00	mmhos/metre	
Channel 4	0.00	mmhos/metre	
Apparent Porosity and Water Saturation Constants			
Archie Constant (A)	1.00		
Cementation Exponent (M)	2.00		
Saturation Exponent (N)	2.00		
Saturation of Water for Apor	100.00	percent	
Resistivity of Water for Apor and Sw	0.05	ohm-m	
Resistivity of Mud Filtrate for Sw	0.00	ohm-m	
Source for Rt	0.00		
Source for Rxo	0.00		

High Resolution Temperature Calibration MAI-A.A 167

Field Calibration on 28-MAY-2013,04:23

	Measured	Calibrated(Deg F)
Lower	50.00	50.00
Upper	75.00	75.00

High Resolution Temperature Constants MAI-A.A 167

Last Edited on 28-MAY-2013,04:23

Pre-filter Length	11
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Caliper Calibration MPD-B 64

Base Calibration on 21-MAY-2013 17:34
Field Calibration on 21-JUN-2013 09:49

Base Calibration		
Reading No	Measured	Calibrator Size (in)
1	14464	3.99
2	23406	5.98
3	32206	7.97
4	40368	9.86
5	50018	11.92
6	N/A	N/A

Field Calibration

Field Calibration	Measured Caliper (in) 6.00	Actual Caliper (in) 5.98
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Photo Density Calibration MPD-B 64				Base Calibration on 21-MAY-2013 17:55	
				Field Check on 21-JUN-2013 09:53	
Density Calibration					
Base Calibration		Measured		Calibrated (sdu)	
		Near	Far	Near	Far
	Reference 1	60105	33685	59556	30836
	Reference 2	25286	2917	24941	2541
Field Check at Base					
		1165.8	1353.6		
Field Check					
		1166.1	1344.8		
PE Calibration					
Base Calibration		Measured		Calibrated	
	WS	WH	Ratio	Ratio	
	Background	210	1037		
	Reference 1	22619	59903	0.381	0.371
	Reference 2	6846	25146	0.275	0.272
Field Check at Base					
		210.2	1037.2		
Field Check					
		212.0	1039.0		

Density Constants MPD-B 64		Last Edited on 26-JUN-2013,01:00	
Density Source Id	18235B		
Nylon Calibrator Number	DNCE695		
Aluminium Calibrator Number	DACD698		
Density Shoe Profile	8 inch		
Caliper Source for Processing	Density Caliper		
PE Correction to Density	Not Applied		
Mud Density	1.11	gm/cc	
Mud Density Z/A Multiplier	1.11		
Mud Filtrate Density	1.00	gm/cc	
Dry Hole Mud Filtrate Density	1.00	gm/cc	
DNCT	0.00	gm/cc	
CRCT	0.00	gm/cc	
Density Z/A Correction	Hybrid		
Matrix density (gm/cc)	Depth (m)		
2.71	0.00		
0.00	0.00		
0.00	0.00		
0.00	0.00		
0.00	0.00		
0.00	0.00		
0.00	0.00		
0.00	0.00		

DOWNHOLE EQUIPMENT	
C:\Minimus 13.05.9583\Log\Shakespeare Teeter #1-11\Shakespeare Teeter #1-11_002.dta	

3/8" Triple Cone Cable Head (MCB C A) MCB-C.A 5 LG: 1.58 ft WT: 15.4 lb OD: 2.24 in			
Compact Comms Gamma MCG-D.K 469 LG: 8.70 ft WT: 63.9 lb OD: 2.24 in			
Compact Micro-log MML-A 3 LG: 7.97 ft WT: 81.6 lb OD: 2.24 in			
		55.39 ft	GRGC - Gamma Ray
		52.48 ft	CGXT - MCG External Temperature
		45.76 ft	MINV - Micro-inverse
		45.76 ft	MNRL - Micro-normal

Compact Neutron
MDN-A.B 66 LG: 5.04 ft WT: 50.7 lb OD: 2.24 in

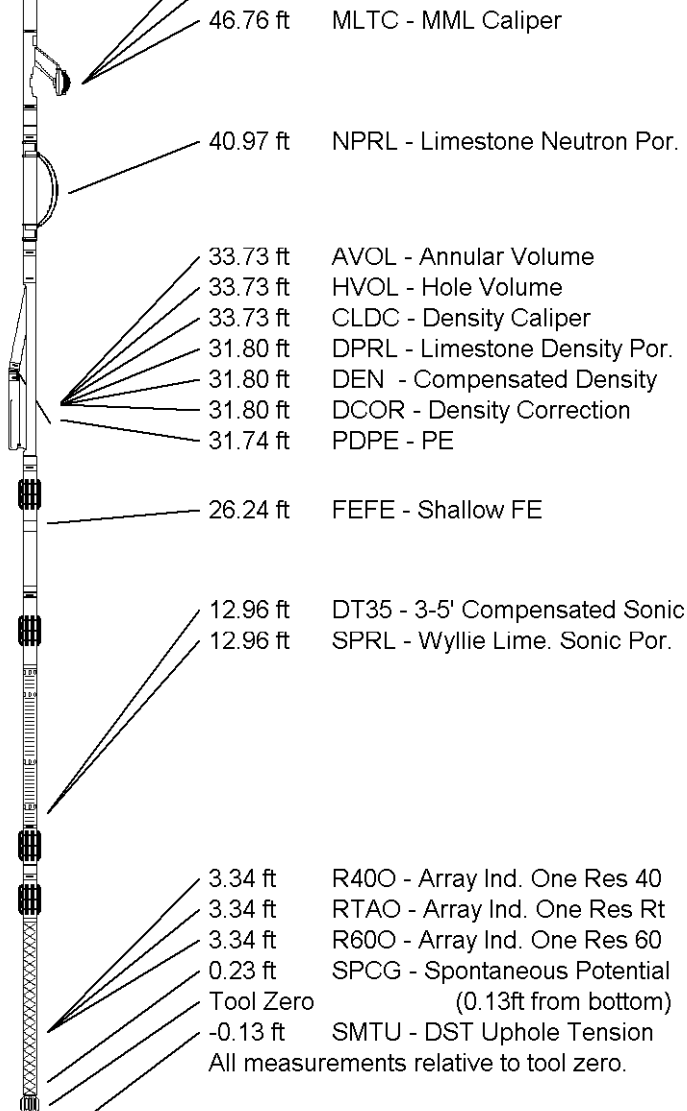
Compact Density/Caliper
MPD-B 64 LG: 9.59 ft WT: 90.4 lb OD: 2.45 in

Compact Focussed Electric
MFE-B.J 353 LG: 6.05 ft WT: 48.5 lb OD: 2.24 in

Compact Sonic
MSS-C.K 368 LG: 12.52 ft WT: 72.8 lb OD: 2.24 in

Compact Induction
MAI-A.A 167 LG: 10.81 ft WT: 48.5 lb OD: 2.24 in

Total Length: 62.25 ft Weight: 471.8 lb



COMPANY SHAKESPEARE OIL COMPANY
WELL TEETER #1-11
FIELD WILDCAT
PROVINCE/COUNTY LOGAN
COUNTRY/STATE UNITED STATES / KANSAS

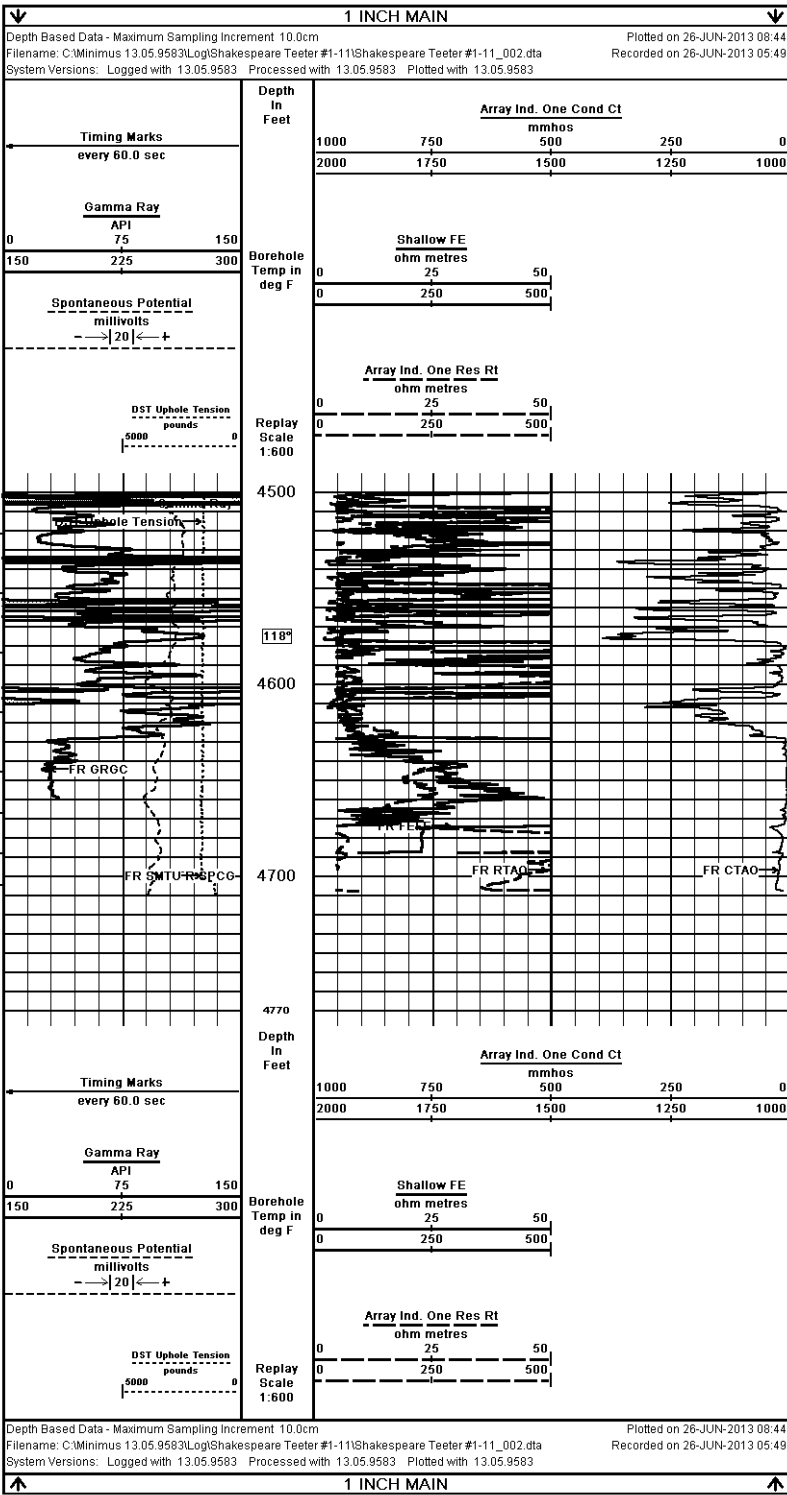
Elevation Kelly Bushing	3004.00	feet	First Reading	4697.00	feet
Elevation Drill Floor	3003.00	feet	Depth Driller	4700.00	feet
Elevation Ground Level	2994.00	feet	Depth Logger	4700.00	feet



ARRAY INDUCTION
SHALLOW FOCUSED
ELECTRIC LOG

Weatherford®

Weatherford		COMPANY SHAKESPEARE OIL COMPANY	
WELL TEETER #1-11		FIELD WILDCAT	
PROVINCE/COUNTY LOGAN		COUNTRY/STATE UNITED STATES / KANSAS	
LOCATION 2305' FSL & 630' FEL		SE/4	
SEC 11	TWP 13S	RGE 32W	Other Services
API Number 15-109-27168	MML	MSS	
Serial Number	Permanent Datum O.L., Elevation 3130 feet		
Log Measured From KB			
Drilling Measured From K-B @ 10 FEET			
Date	26-JUN-2013		
Run Number	ONE		
Service Order	3537768		
Depth Driller	4700.00	feet	
Depth Logger	4700.00	feet	
First Reading	4697.00	feet	
Last Reading	222.00	feet	
Casing Driller	223.00	feet	
Casing Logger	223.00	feet	
Bit Size	7.880	inches	
Hole Fluid Type	CHEMICAL		
Density / Viscosity	9.30 lb/USg	54.00	
pH / Fluid Loss	10.00	9.60	
Sample Source	MUDPIT		
Rim @ Measured Temp	1.17 @ 55.0	ohms	
Rim @ Measured Temp	0.94 @ 55.0	ohms	
Rim @ Measured Temp	1.40 @ 55.0	ohms	
Source Rmt / Rmc	CALC	0.84 @ 118.0	ohms
Rim @ BHT			
Time Since Circulation	4 HOURS		
Max Recorded Temp	118.00	deg F	
Equipment / Base	WT STAB/BLU/CH	LIB	
Recorded By	TM PREST		
Witnessed By	LIB-185		



COMPANY		SHAKESPEARE OIL COMPANY	
WELL		TEETER #1-11	
FIELD		WILDCAT	
PROVINCE/COUNTY		LOGAN	
COUNTRY/STATE		UNITED STATES / KANSAS	
Elevation Kelly Bushing	3004.00	feet	First Reading
Elevation Drill Floor	3003.00	feet	Depth Driller
Elevation Ground Level	2994.00	feet	Depth Logger
			4697.00 feet
			4700.00 feet
			4700.00 feet



ARRAY INDUCTION

SHALLOW FOCUSED

ELECTRIC LOG

