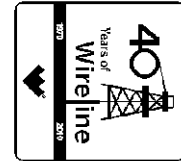




Weatherford

ARRAY INDUCTION SHALLOW FOCUSED ELECTRIC LOG



COMPANY

REDLAND RESOURCES INC.

WELL

BRYNN # 9-15

FIELD

HARDTNER

PROVINCE/COUNTY

BARBER

COUNTRY/STATE

U.S.A. / KANSAS

LOCATION

660' FSL & 1980' FEL SW/4

SEC

TWP

RGE

Other Services

9

35

12W

MPD/MDN

API Number

15-007-23731

MML

Permit Number

Permanent Datum G.L., Elevation 1396 feet

Log Measured From KB

Drilling Measured From K.B. @ 13 FEET

Date

03-SEP-2011

Elevations:

Run Number

ONE

Depth Driller

5076.00

feet

Depth Logger

5070.00

feet

First Reading

5067.00

feet

Last Reading

262.00

feet

Casing Driller

262.00

feet

Casing Logger

262.00

feet

Bit Size

7.875

inches

Hole Fluid Type

CHEMICAL

Density / Viscosity

9.40

lb/USg

PH / Fluid Loss

10.50

10.00

ml/30Min

Sample Source

FLOWLINE

Rm @ Measured Temp

0.45 @ 90.0

ohm-m

Rmf @ Measured Temp

0.36 @ 90.0

ohm-m

Rmc @ Measured Temp

0.54 @ 90.0

ohm-m

Source Rmf / Rmc

CALC

CALC

Rm @ BHT

0.33 @ 123.0

ohm-m

Time Since Circulation

5 HOURS

Max Recorded Temp

123.00

deg F

Equipment Name

COMPACT

Equipment / Base

13096

LIB

A. GIAMBALVO

BETH BROCK

W. STAMBAUGH

LB11-225

3531151

3531151

BOREHOLE RECORD

Last Edited: 03-SEP-2011 02:20

Bit Size inches	Depth From feet	Depth To feet
7.875	262.00	5070.00

CASING RECORD

Type	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft
SURFACE	13.375	0.00	262.00	48.00

REMARKS

Tools Used: MPD, MCG, MDN, MFE, MAI, MML.
 Hardware: MPD: 8 inch profile plate used. MAI, MSS and MFE: 0.5 Inch standoffs used. MDN: Dual Bowspring used.
 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.
 Annular volume with 4.5 inch production casing = 285 cu. ft
 Service order #3531151
 Rig: Duke #7
 Engineer: A. Giambalvo
 Operator(s): N. Adame, C. Veatch

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

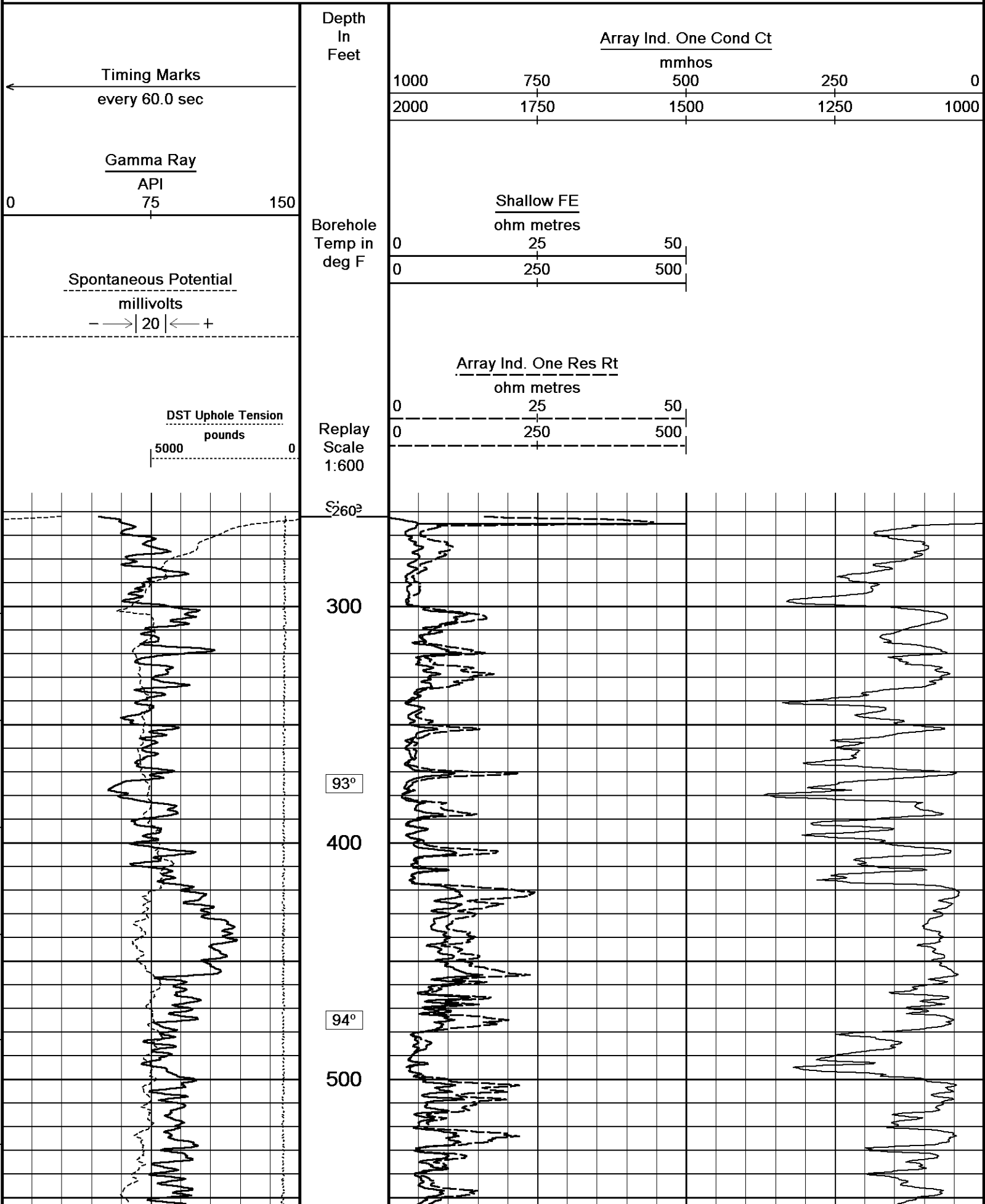
Depth Based Data - Maximum Sampling Increment 10.0cm

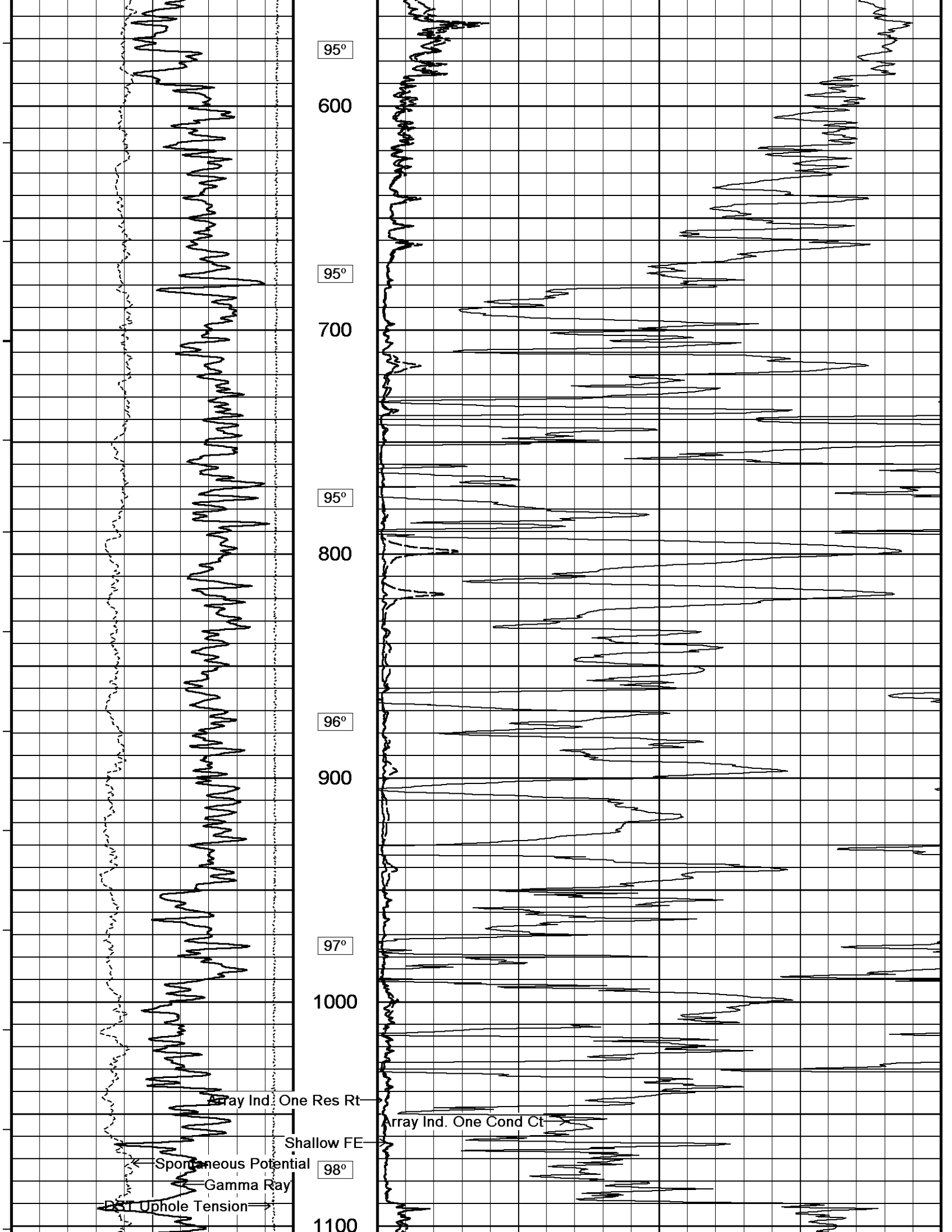
Plotted on 18-JAN-2012 14:48

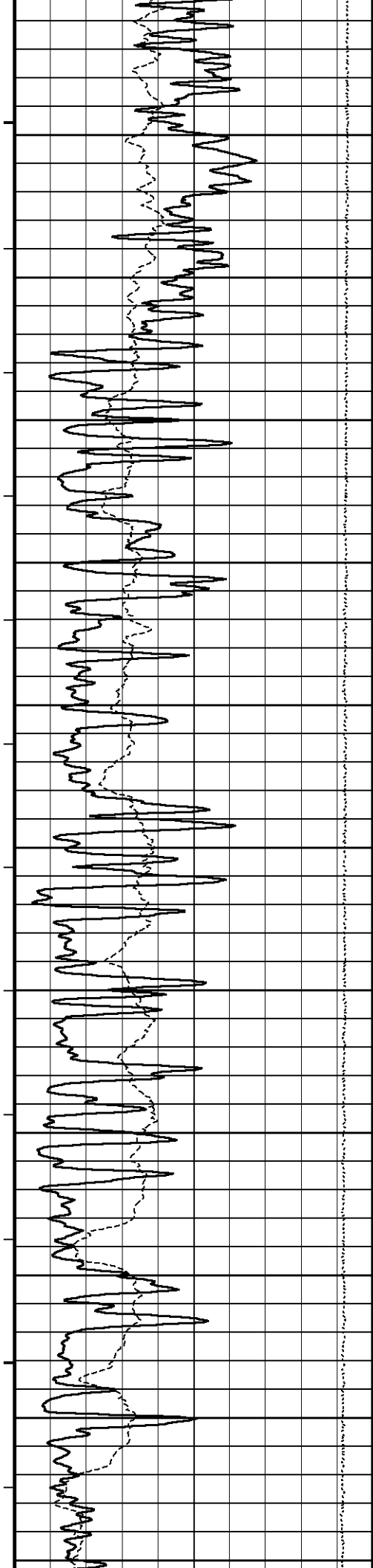
Filename: C:\DOCUME~1\ScheffJL\LOCALS~1\Temp\Weatherford Pr...\Redland Brynn # 9-15_002.dta

Recorded on 03-SEP-2011 02:21

System Versions: Logged with 11.03.4044 Plotted with 12.01.3513







98°

1200

99°

1300

100°

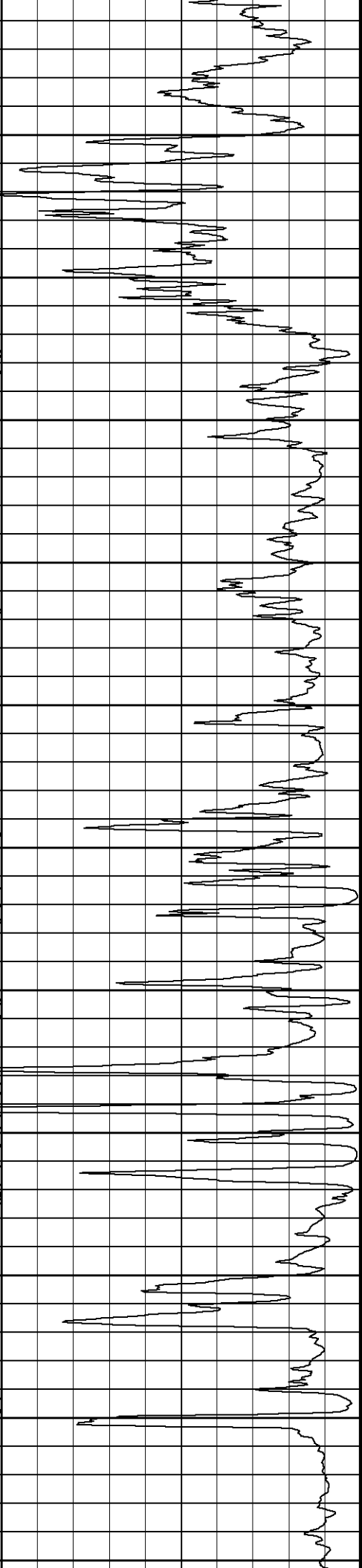
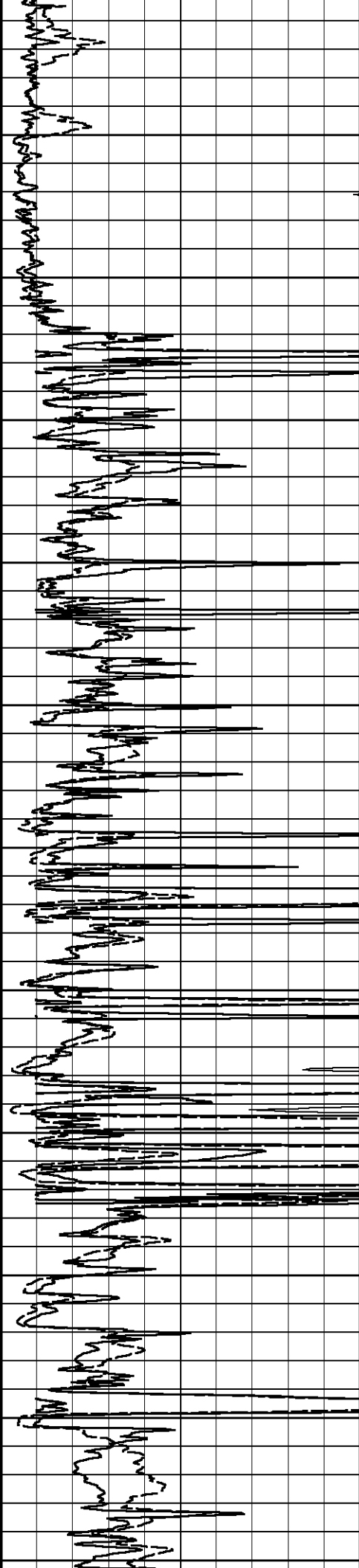
1400

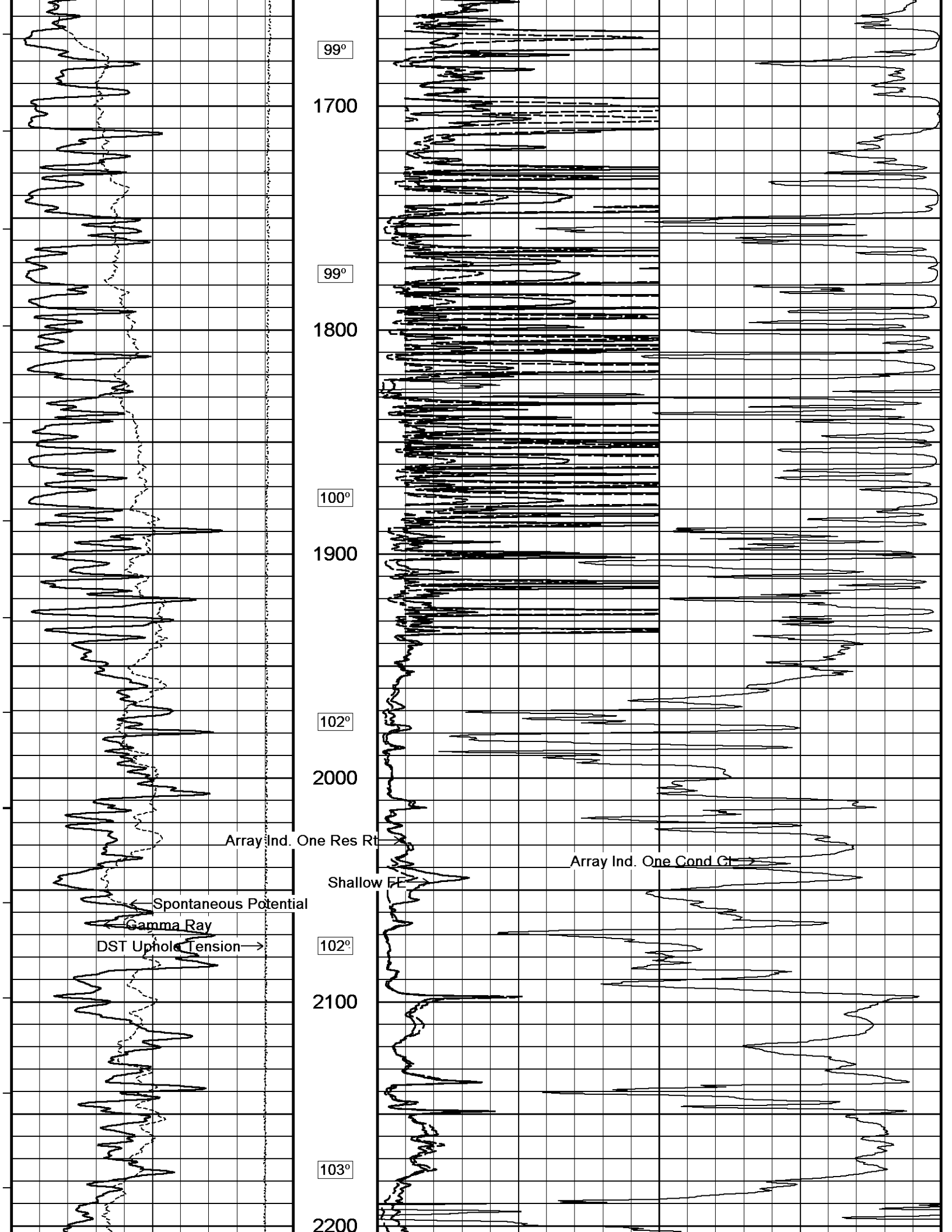
100°

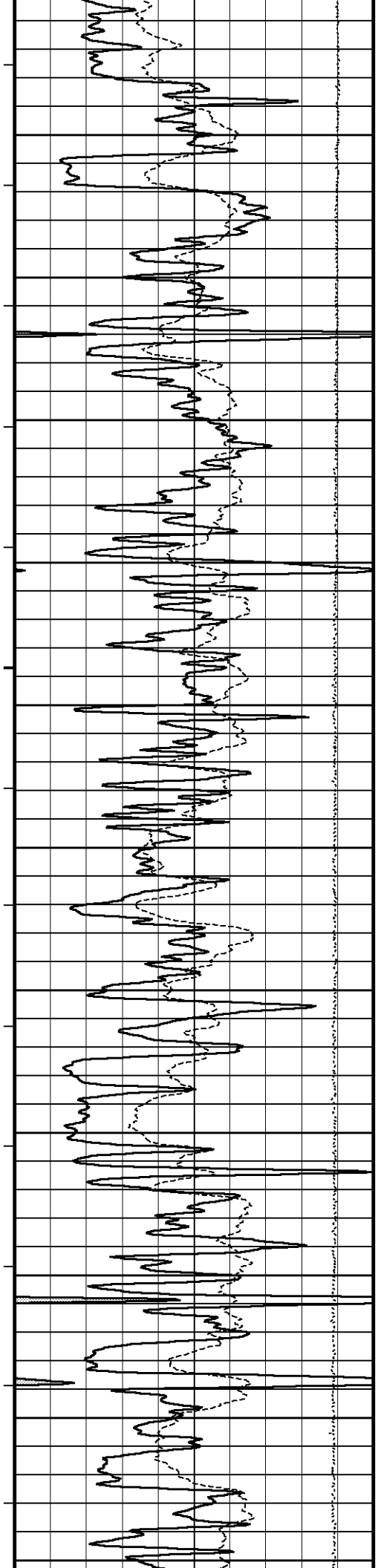
1500

100°

1600







104°

2300

104°

2400

105°

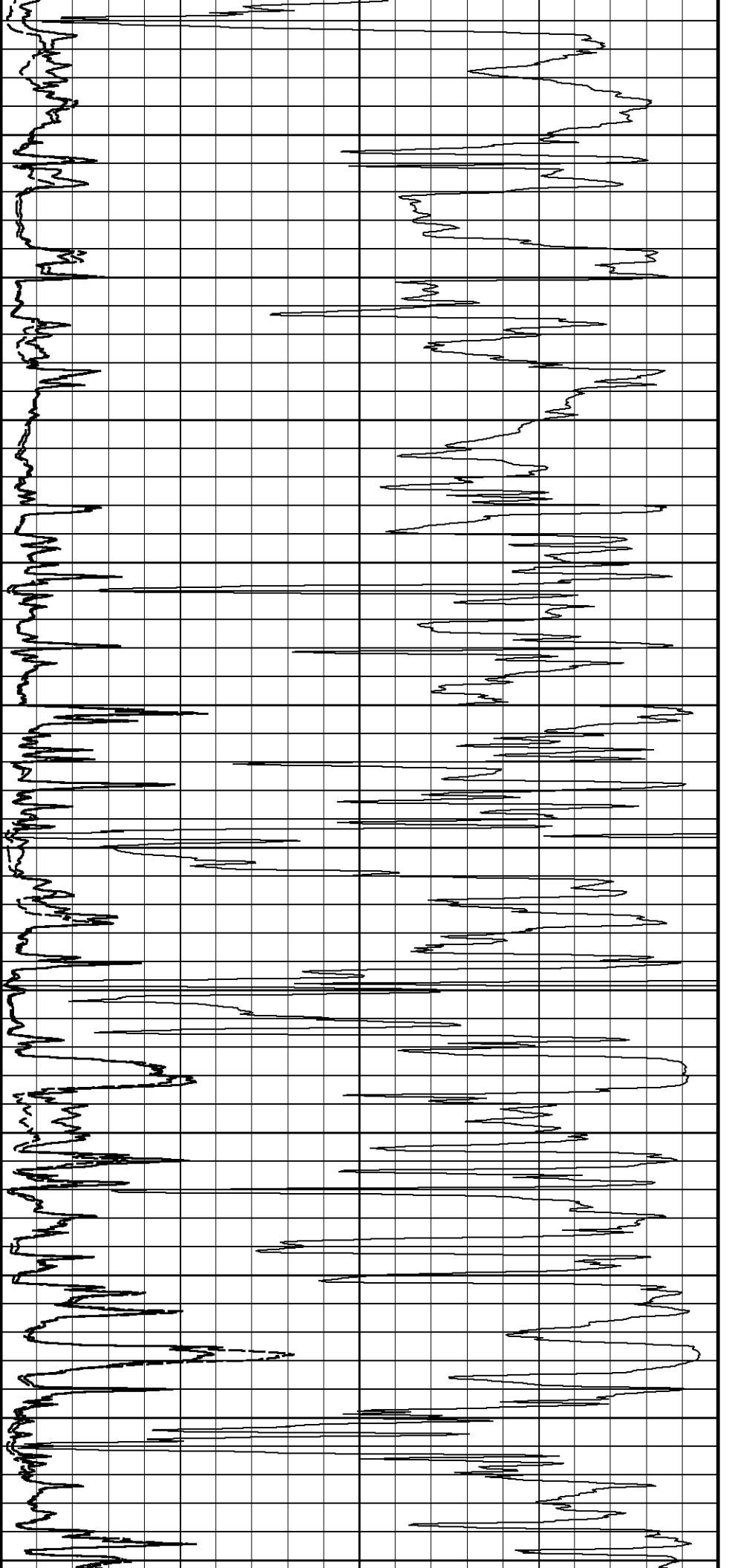
2500

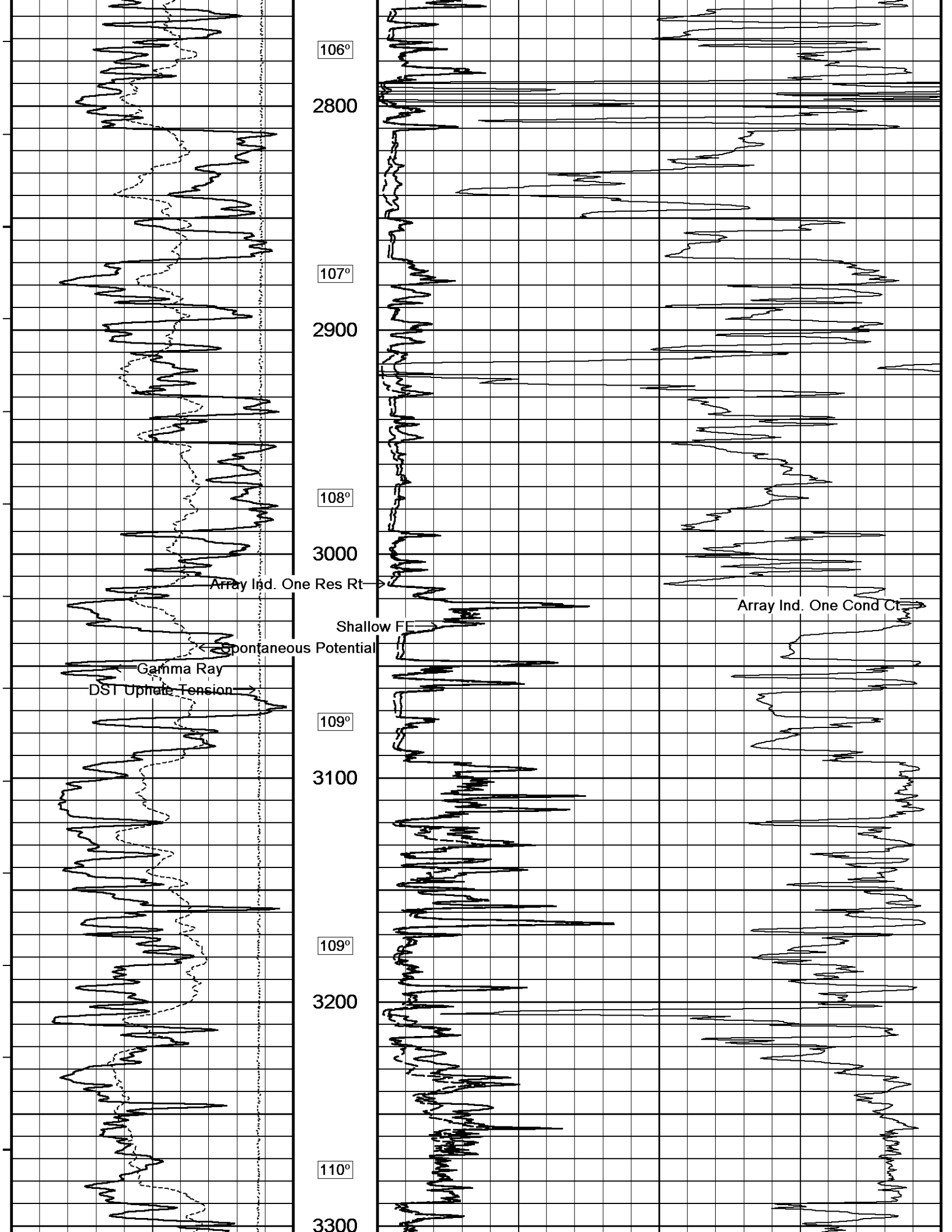
105°

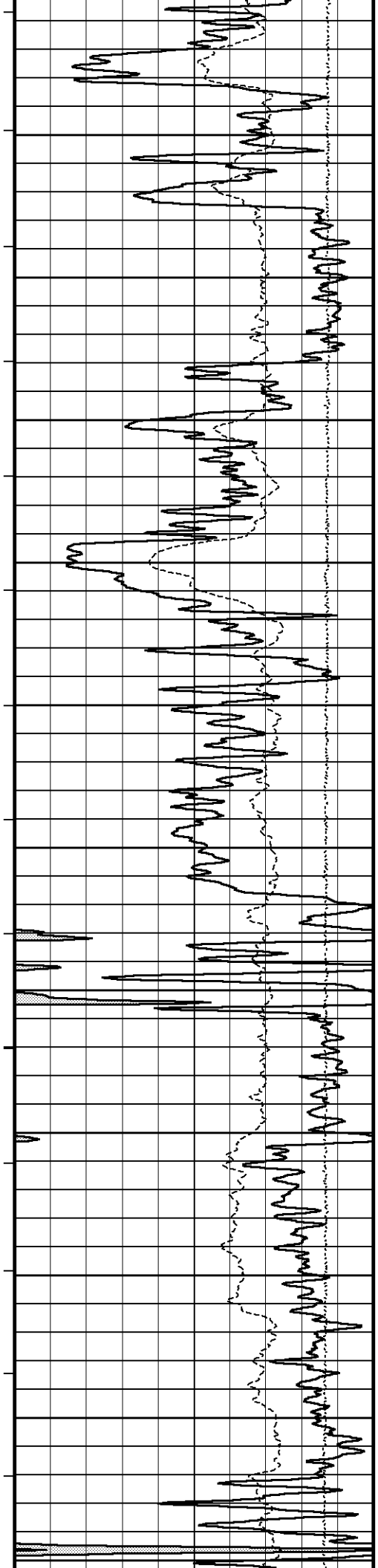
2600

106°

2700







111°

3400

112°

3500

112°

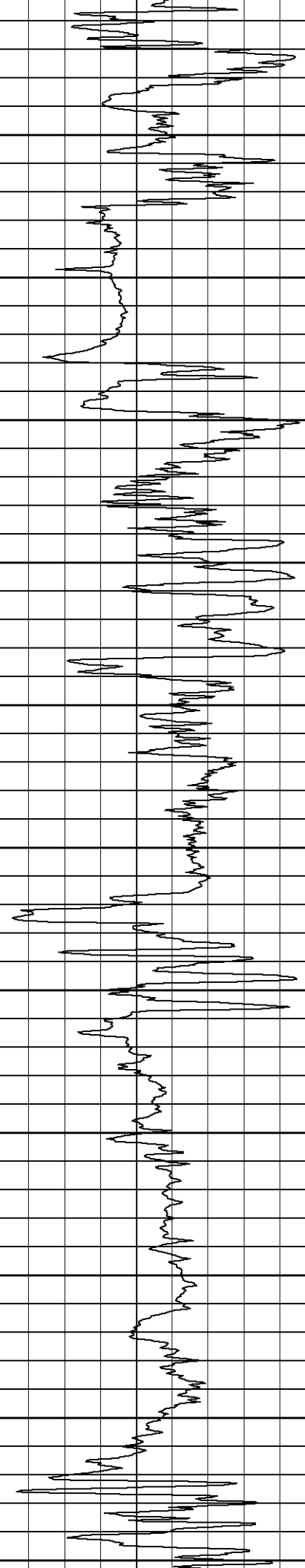
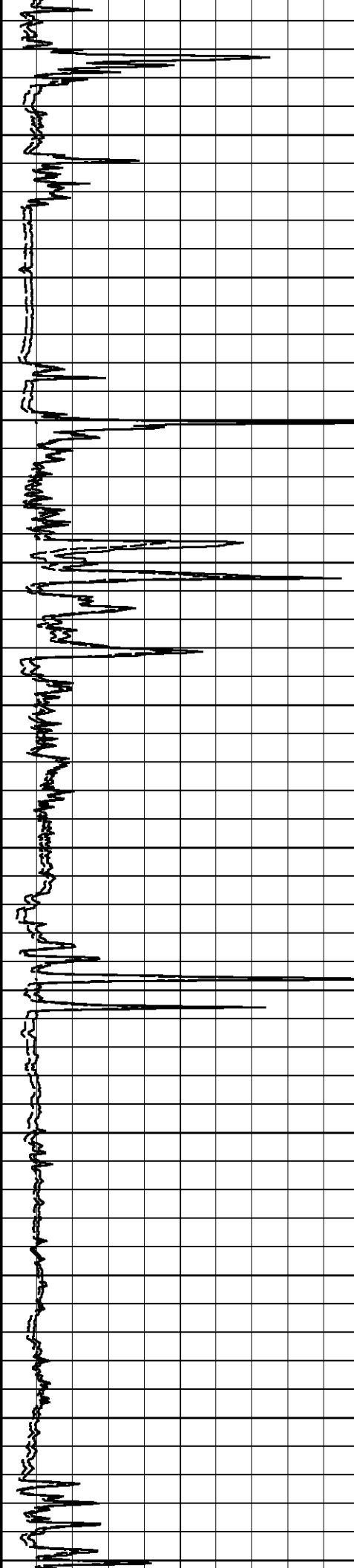
3600

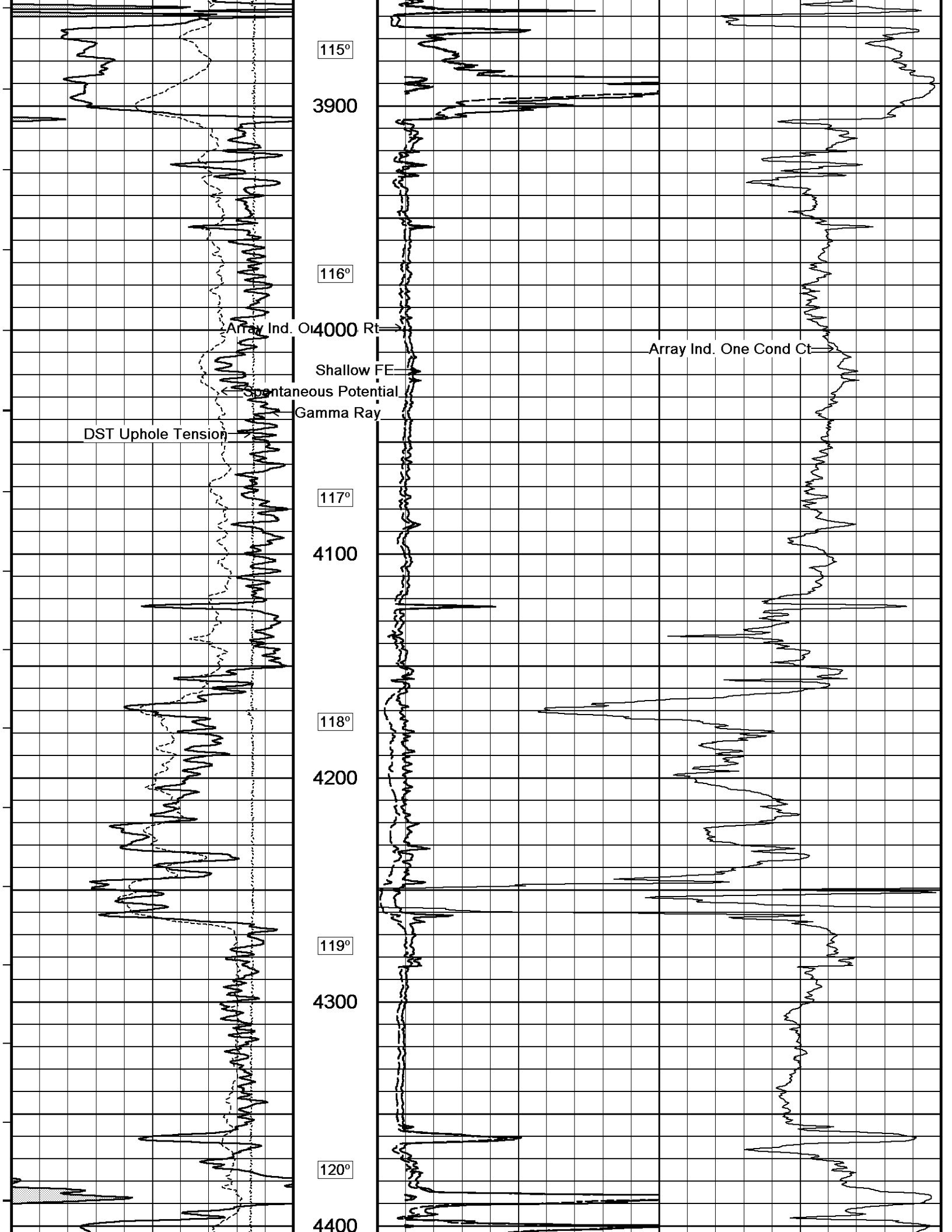
114°

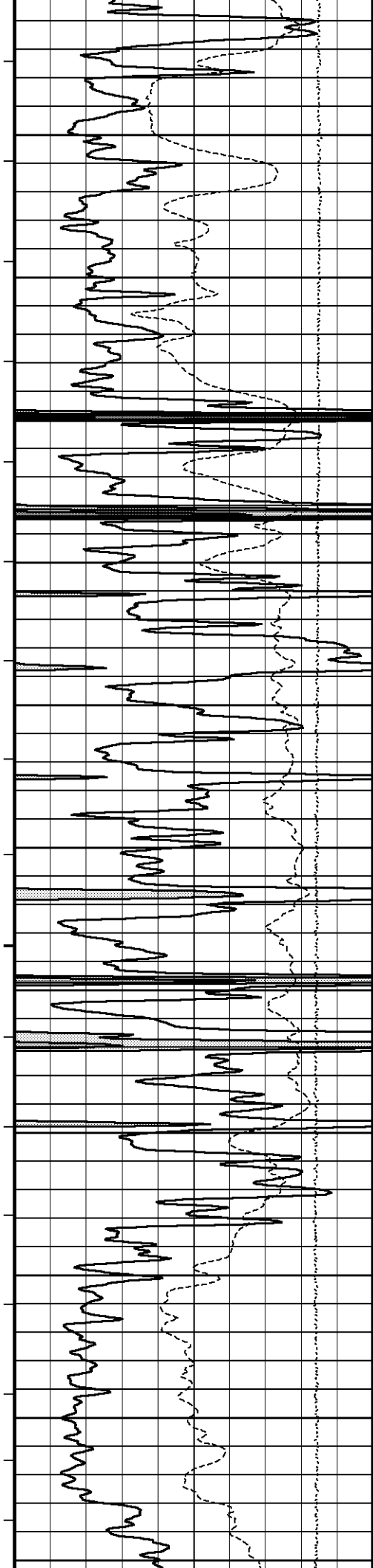
3700

114°

3800







121°

4500

122°

4600

122°

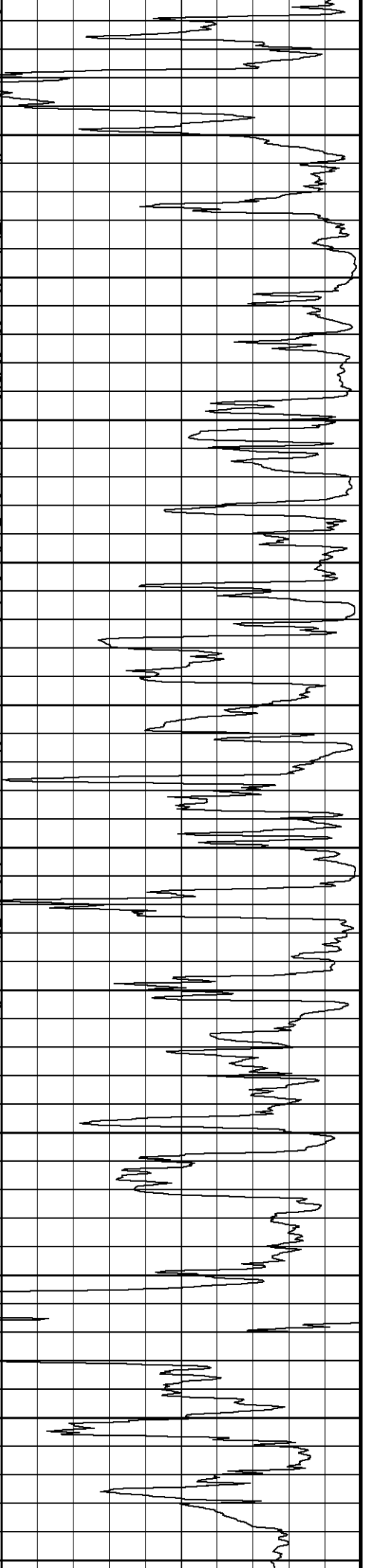
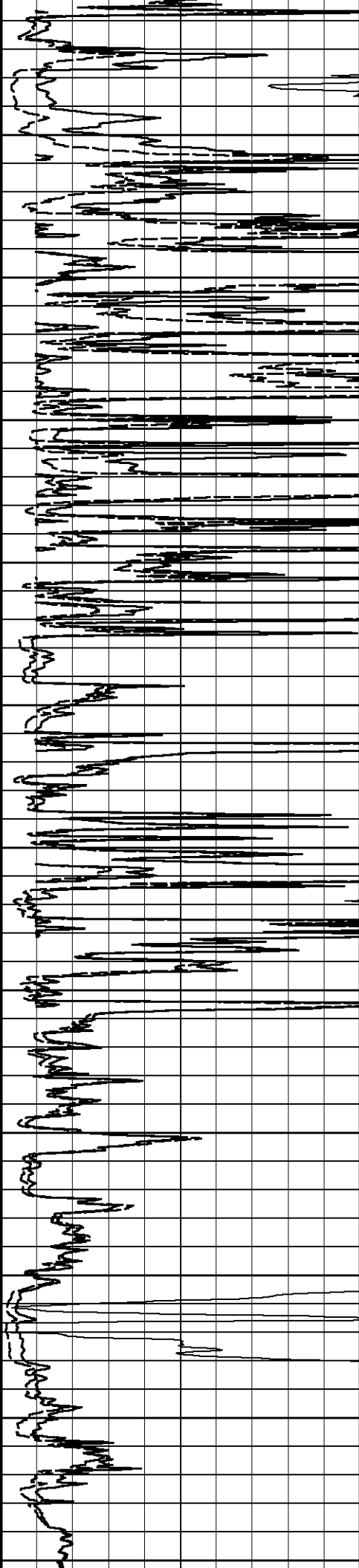
4700

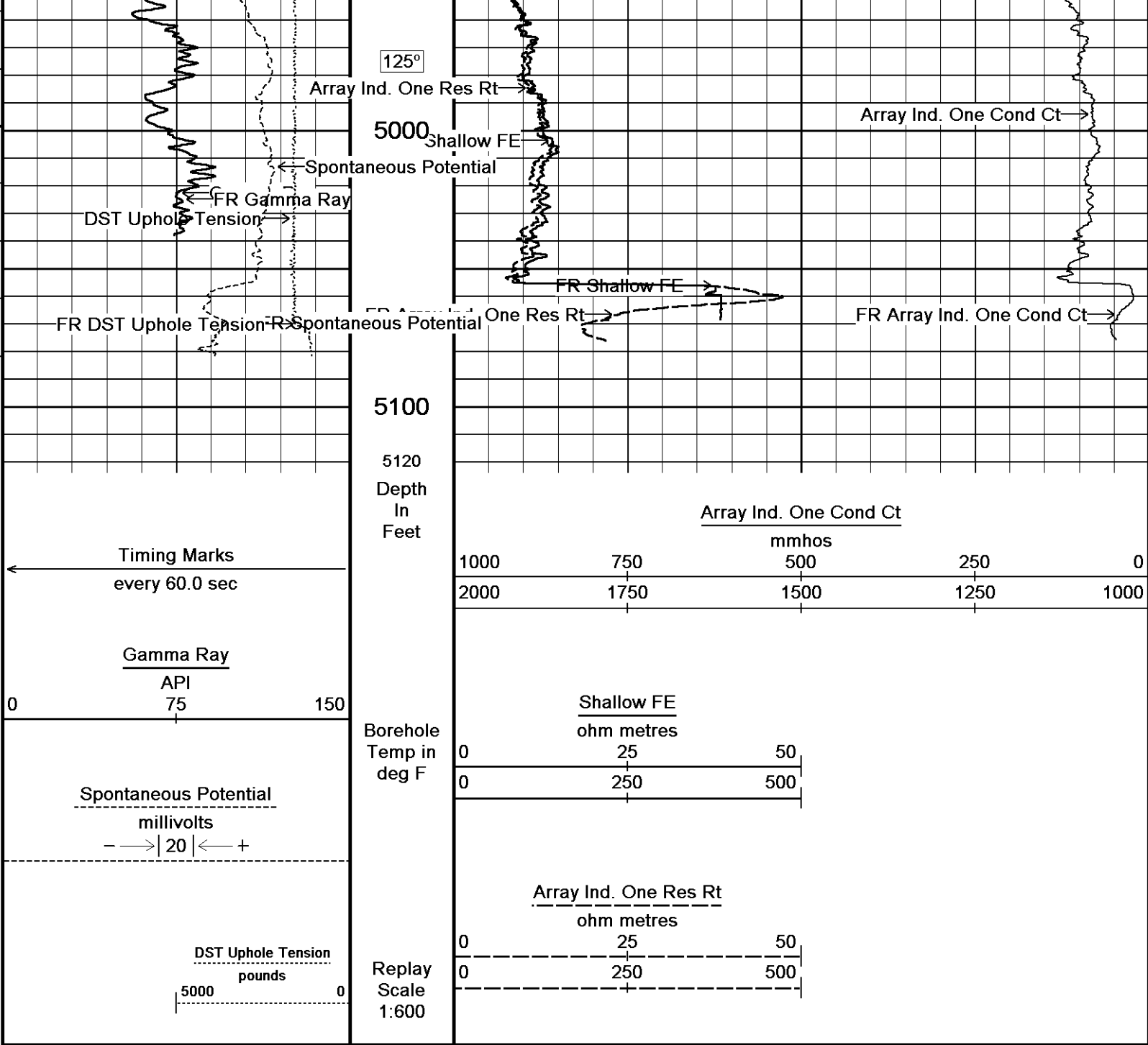
123°

4800

124°

4900





Depth Based Data - Maximum Sampling Increment 10.0cm Plotted on 18-JAN-2012 14:48

Filename: C:\DOCUME~1\ScheffJL\LOCALS~1\Temp\Weatherford Pr...\Redland Brynn # 9-15_002.dta Recorded on 03-SEP-2011 02:21

System Versions: Logged with 11.03.4044 Plotted with 12.01.3513

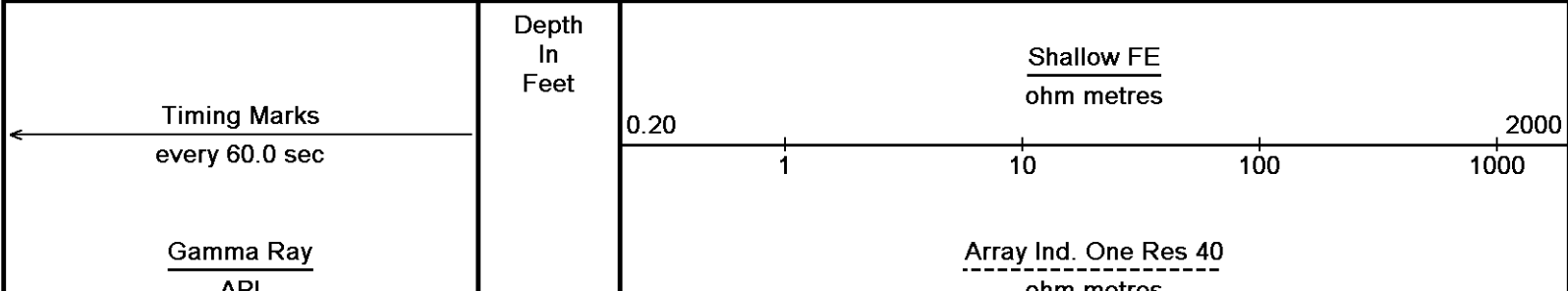
↑ 2 INCH MAIN ↑

↓ 5 INCH MAIN ↓

Depth Based Data - Maximum Sampling Increment 10.0cm Plotted on 18-JAN-2012 14:48

Filename: C:\DOCUME~1\ScheffJL\LOCALS~1\Temp\Weatherford Pr...\Redland Brynn # 9-15_002.dta Recorded on 03-SEP-2011 02:21

System Versions: Logged with 11.03.4044 Plotted with 12.01.3513



0 75 150

Spontaneous Potential
millivolts
- -> | 20 | <- - +

DST Uphole Tension
pounds
5000 0

Borehole
Temp in
deg F

Replay
Scale
1:240

260

300

93°

350

93°

400

Spontaneous Potential
Gamma Ray
DST Uphole Tension

0.20 1 10 100 1000 2000
ohm metres

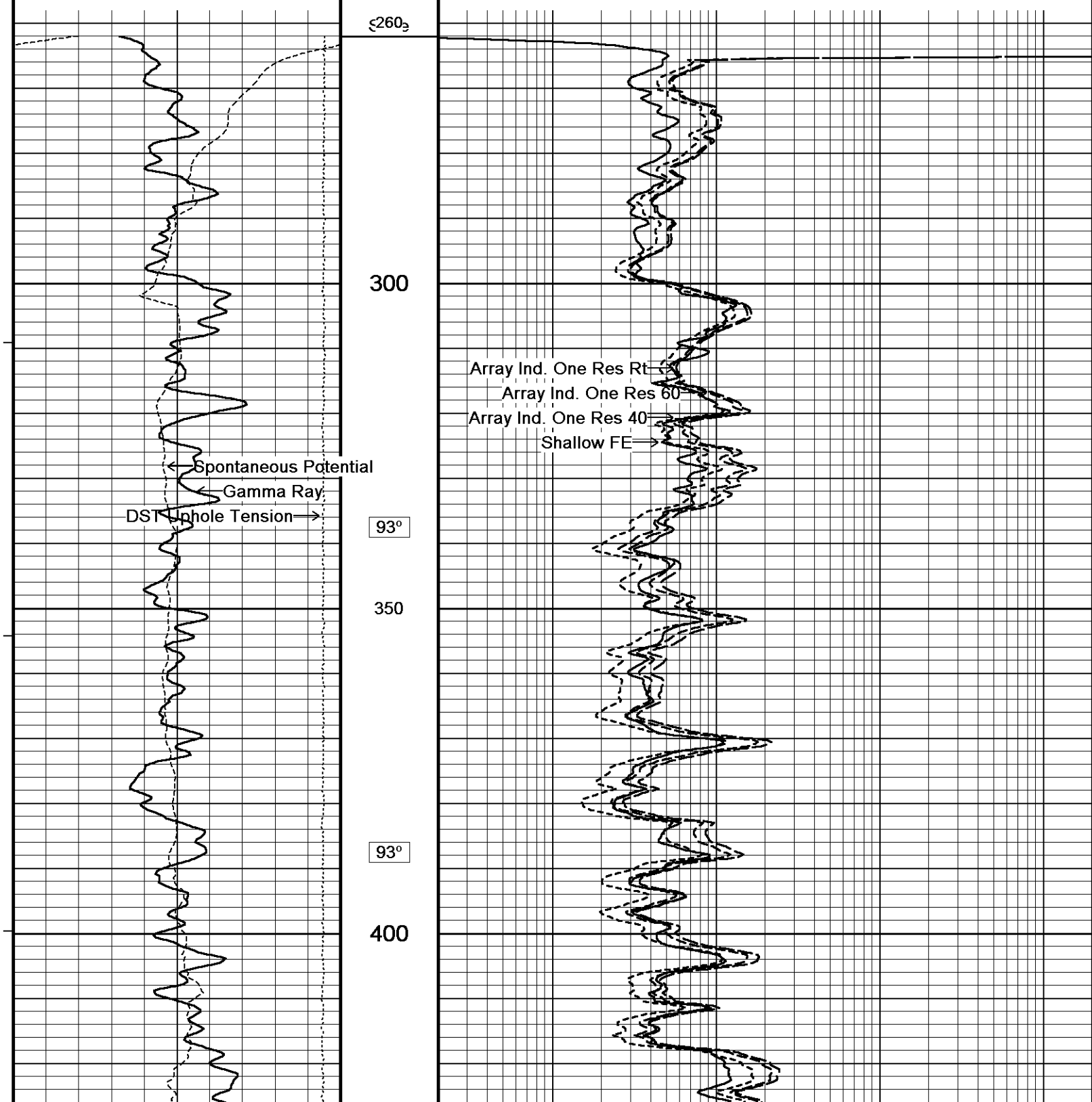
0.20 1 10 100 1000 2000
ohm metres

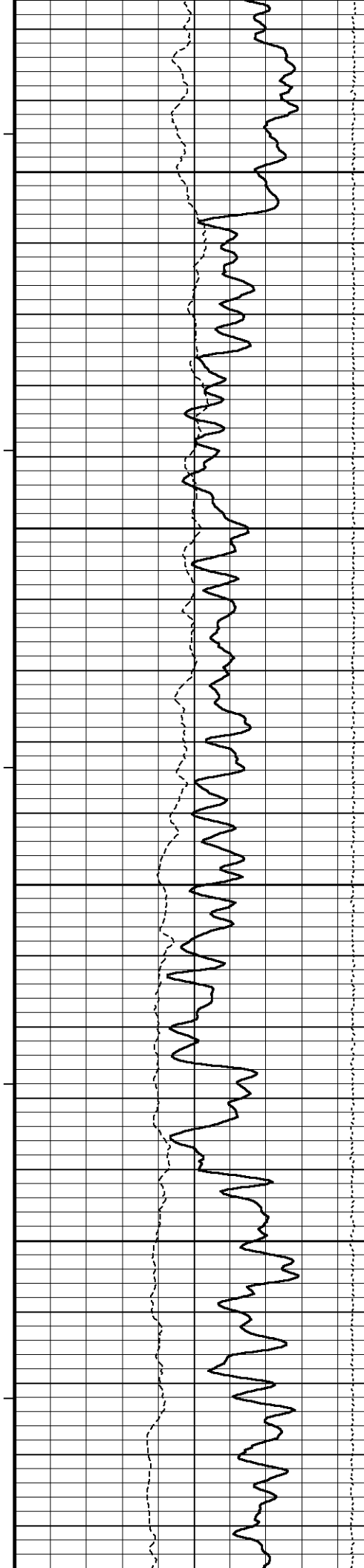
0.20 1 10 100 1000 2000
ohm metres

Array Ind. One Res 60

Array Ind. One Res Rt

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





94°

450

95°

500

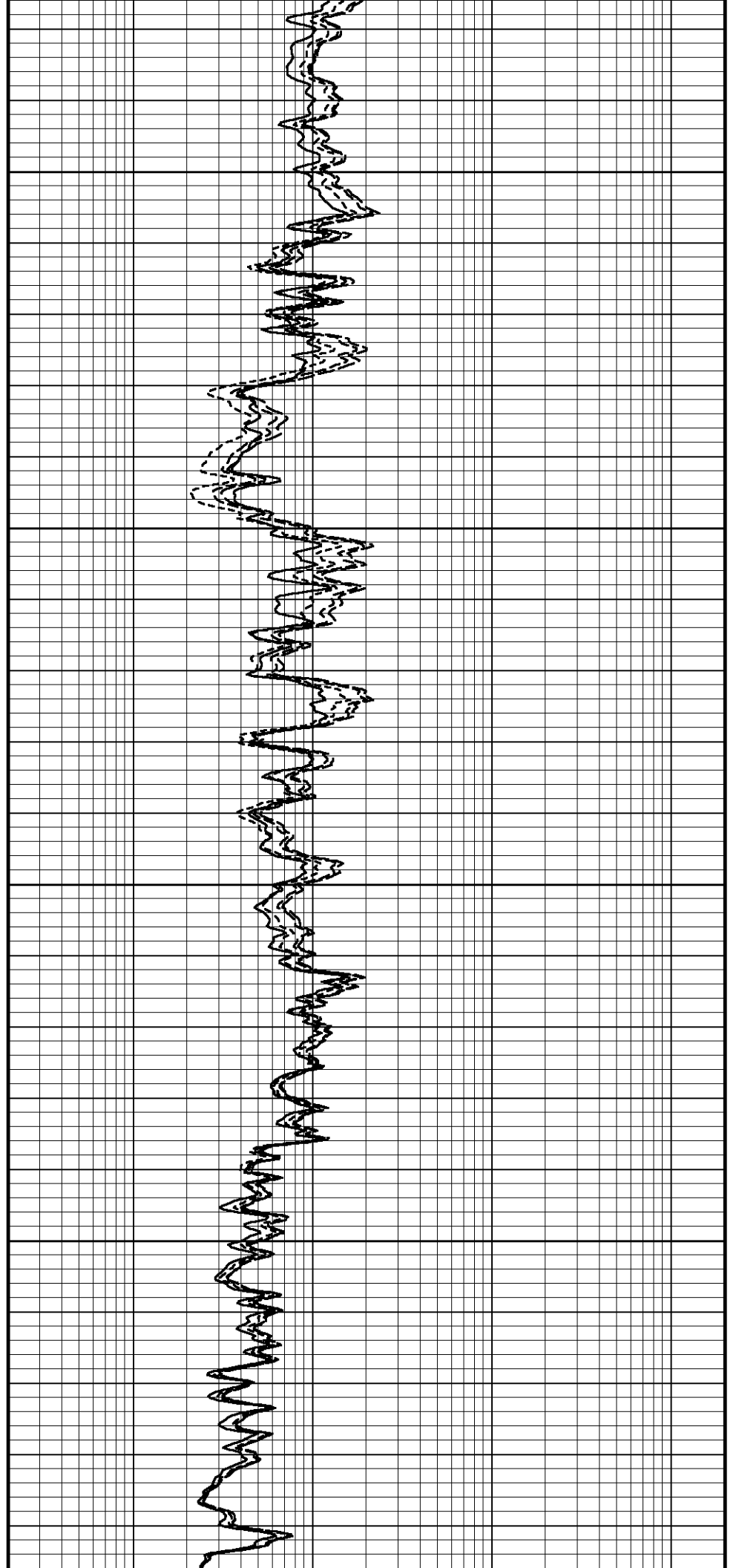
95°

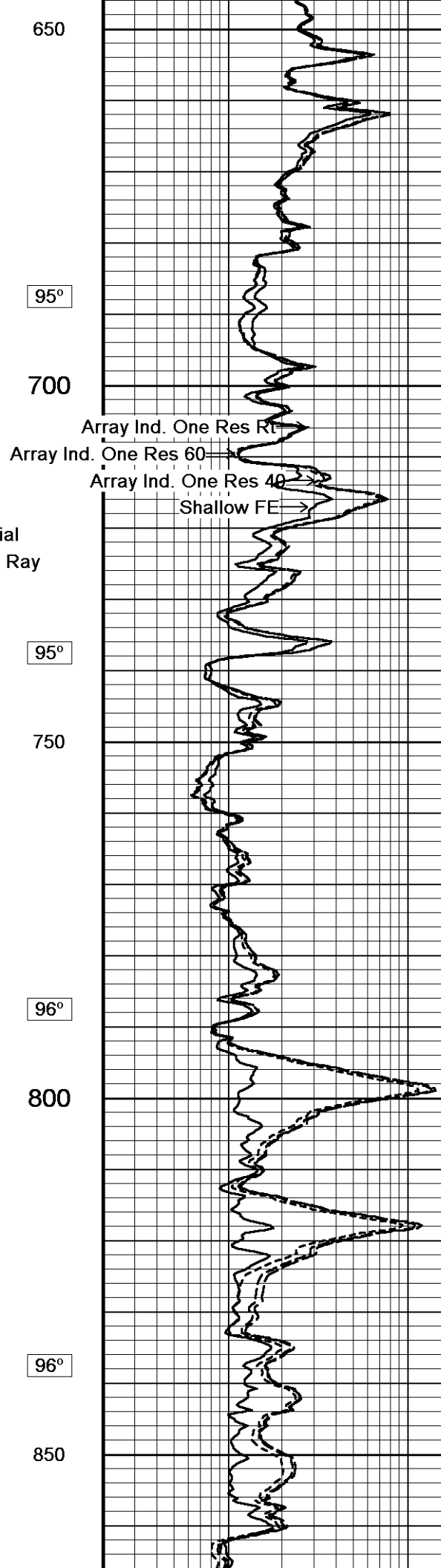
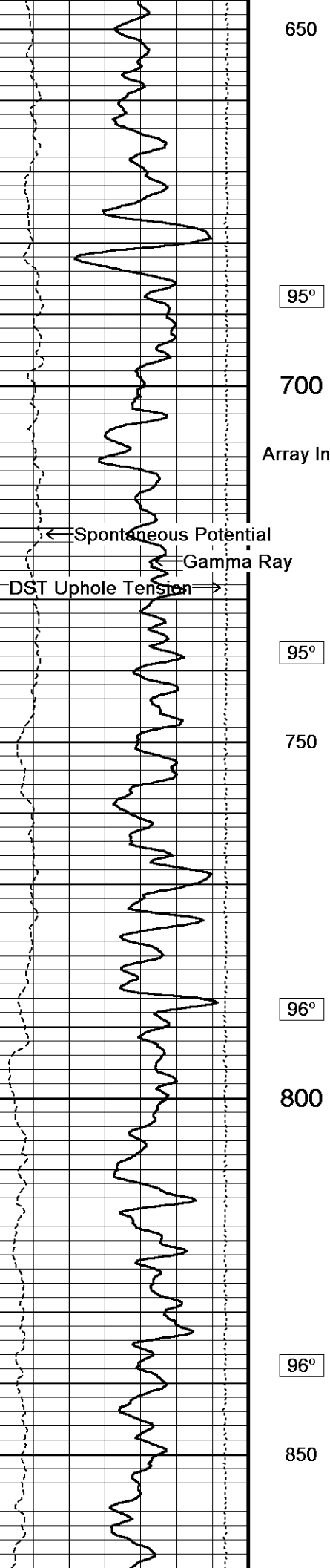
550

95°

600

95°





650

95°

700

Array Ind. One Res Rt

Array Ind. One Res 60

Array Ind. One Res 40

Shallow FE

← Spontaneous Potential

Gamma Ray

DST Uphole Tension →

95°

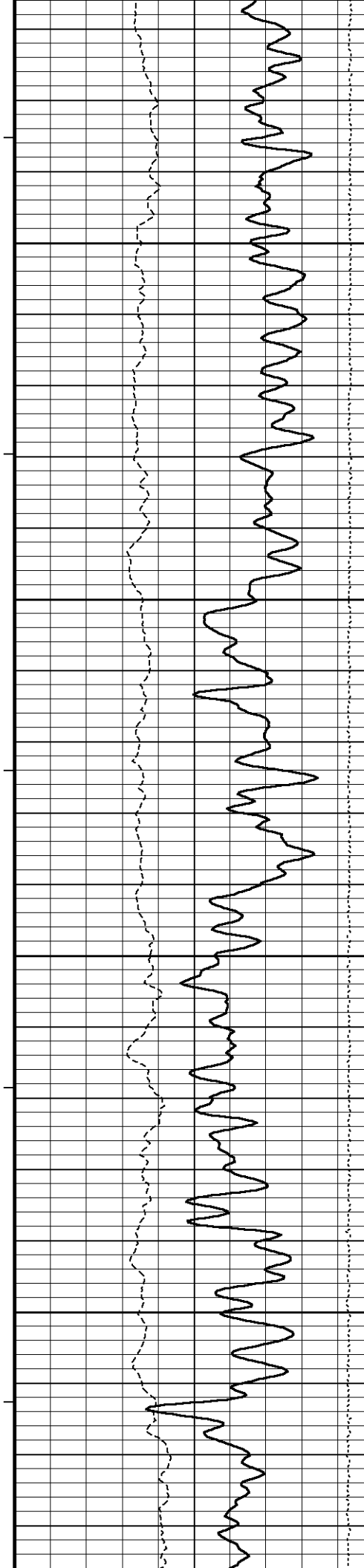
750

96°

800

96°

850



96°

90

97°

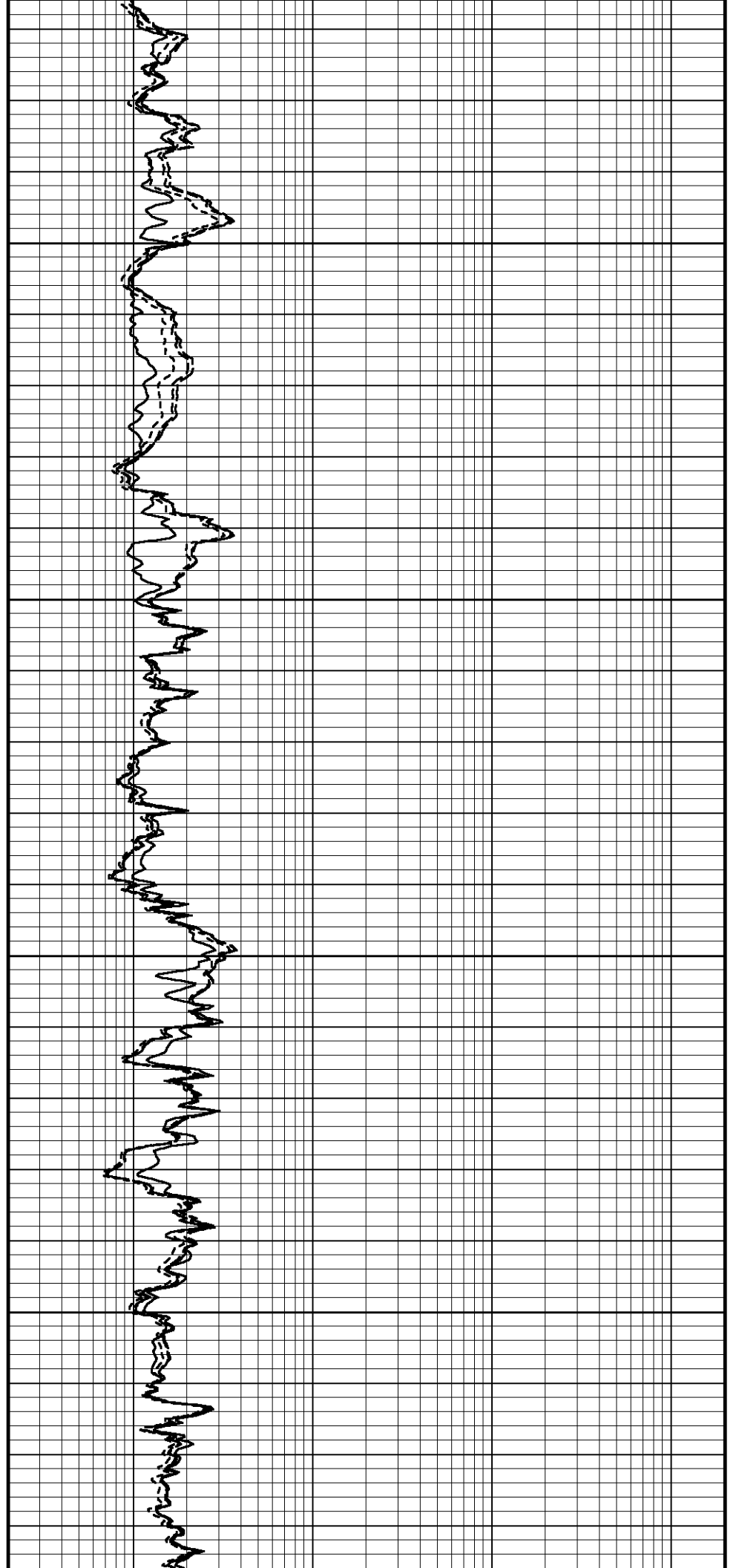
950

97°

1000

98°

1050



98°

1100

98°

1150

99°

1200

99°

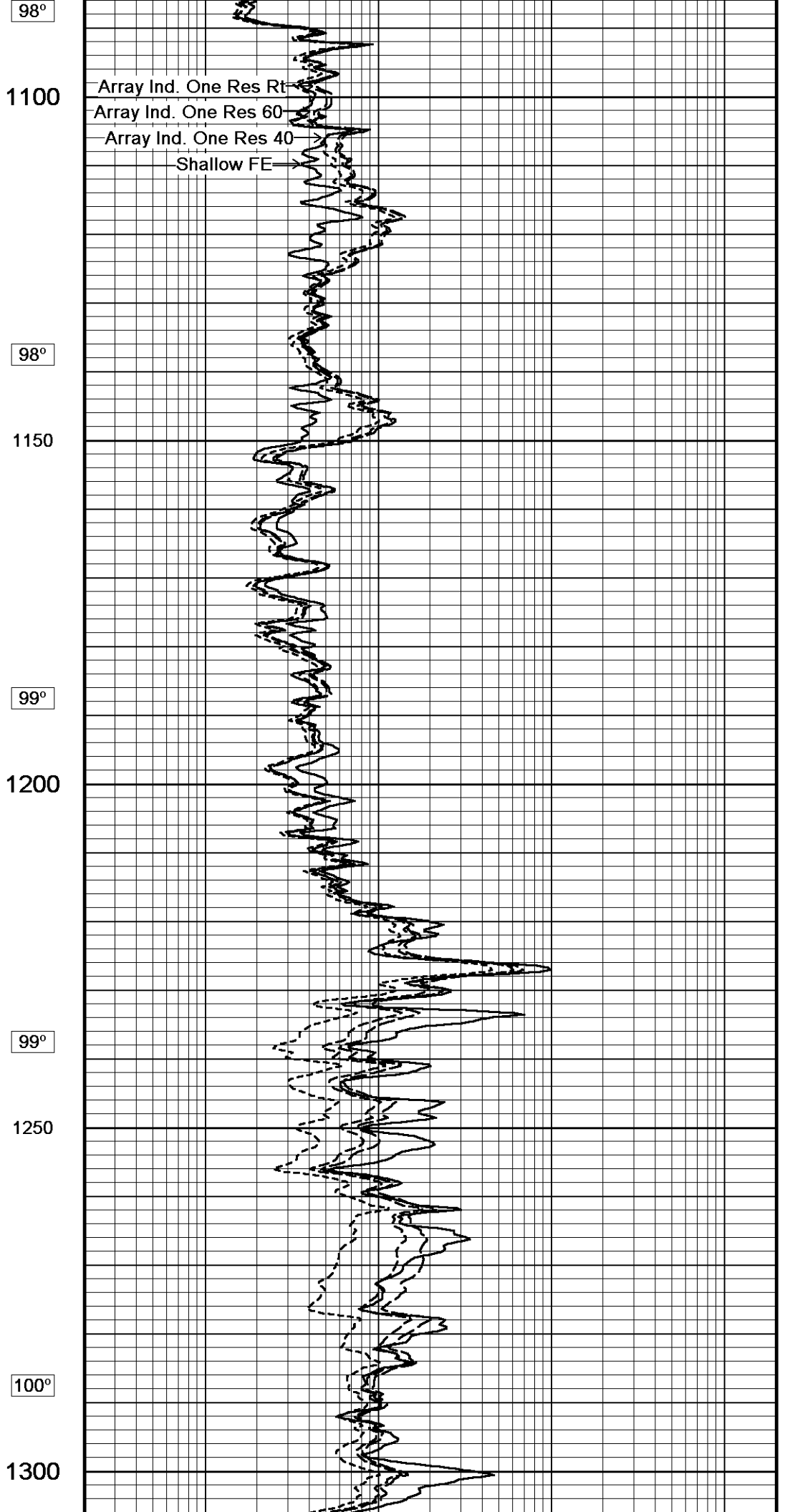
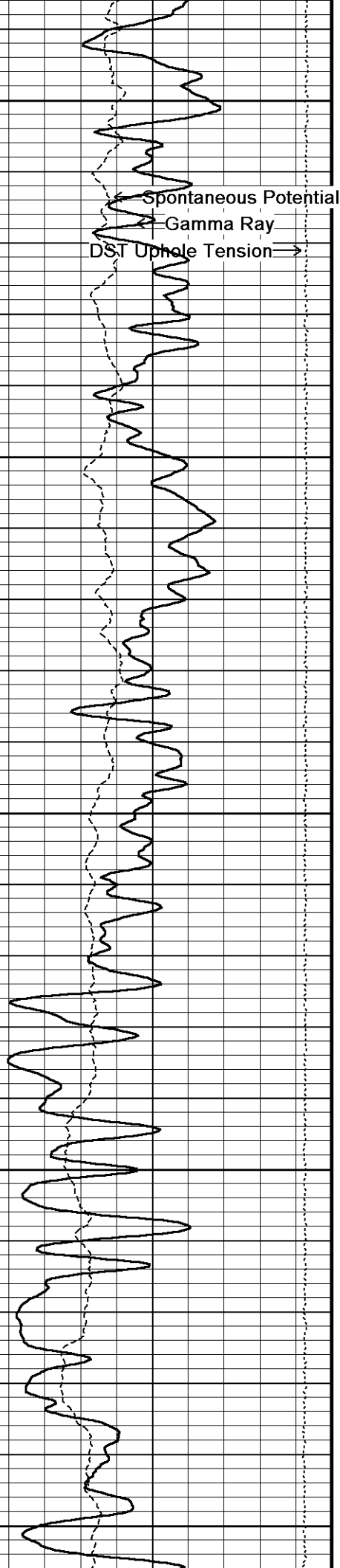
1250

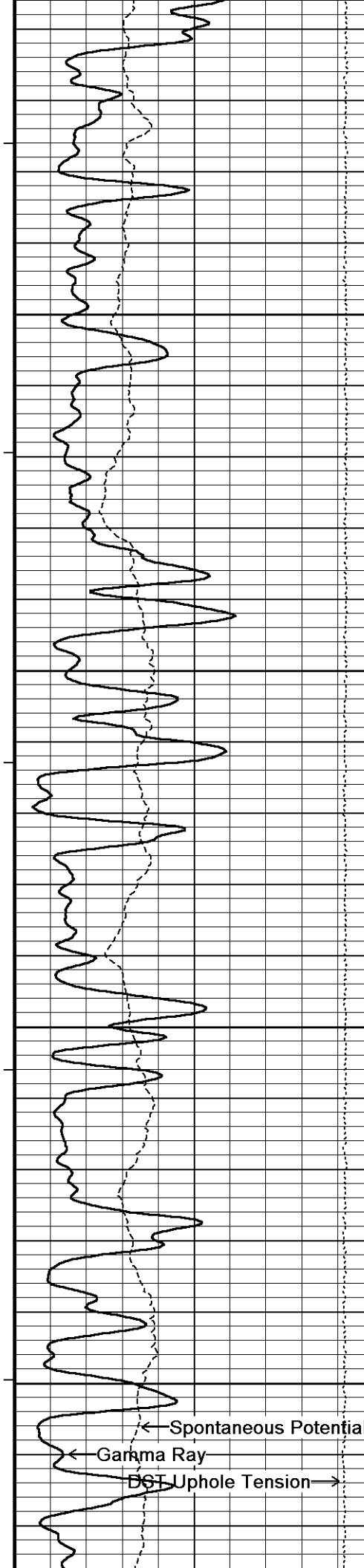
100°

1300

Spontaneous Potential
Gamma Ray
DST Uphole Tension

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





100°

1350

100°

1400

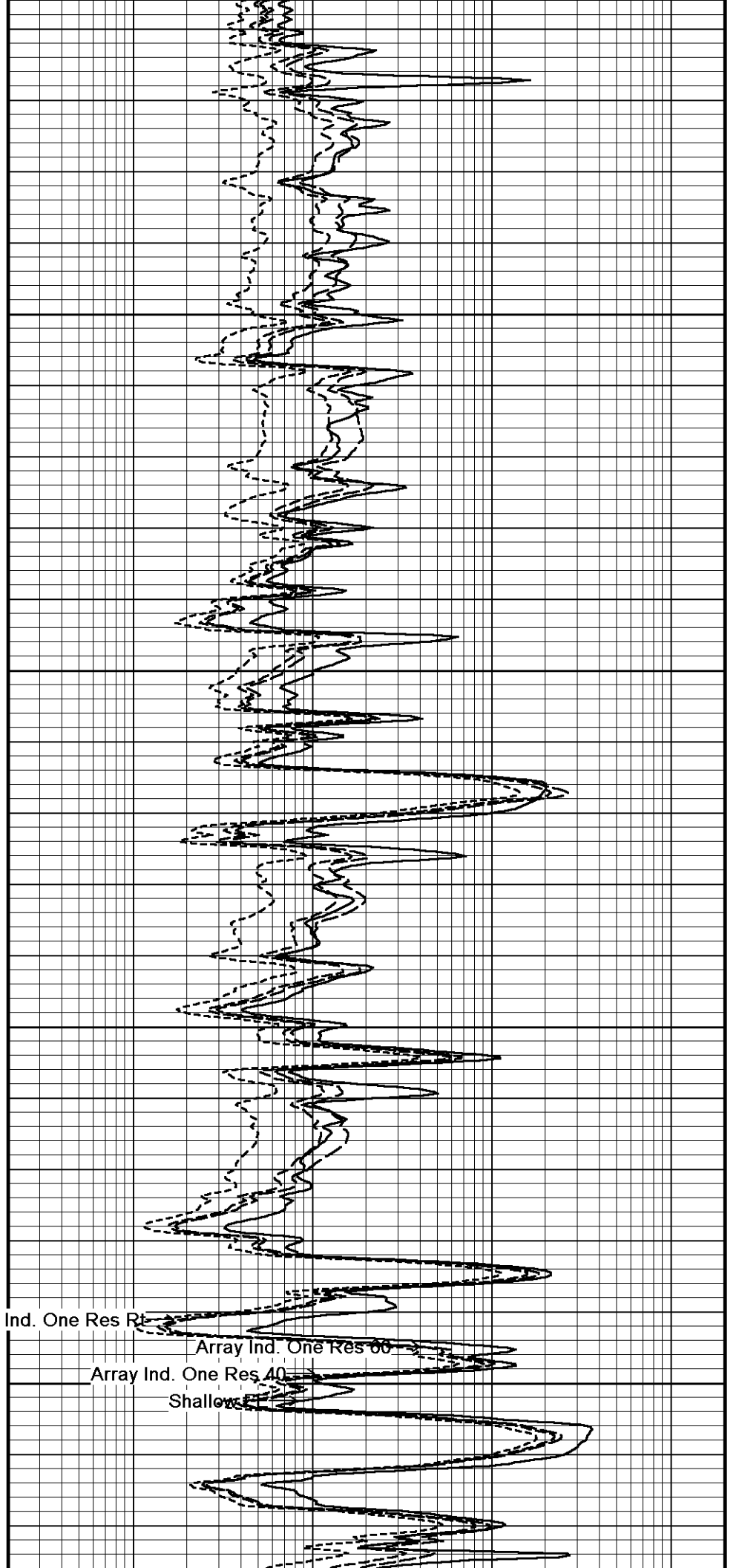
100°

1450

100°

1500

← Spontaneous Potential
← Gamma Ray
DST Uphole Tension →

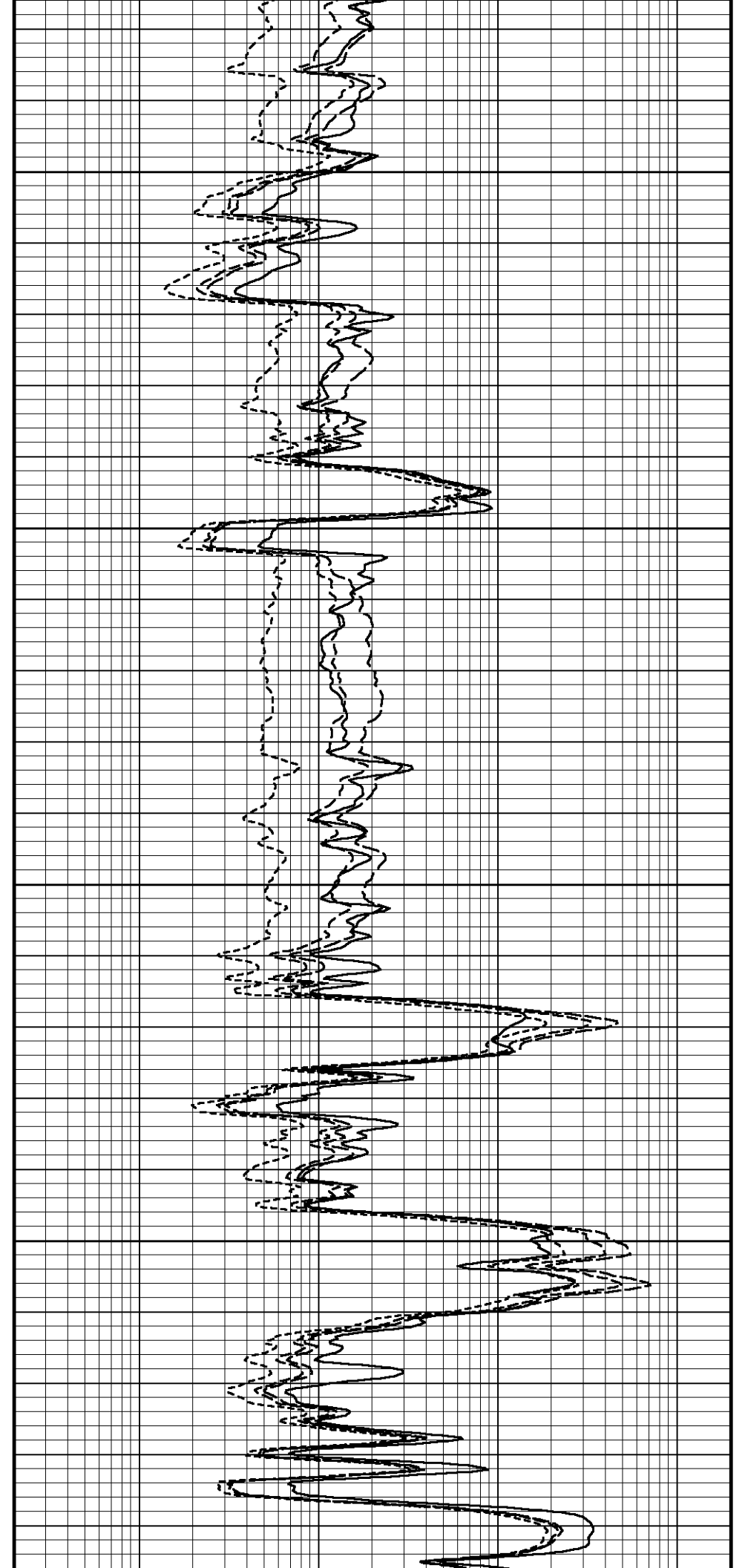
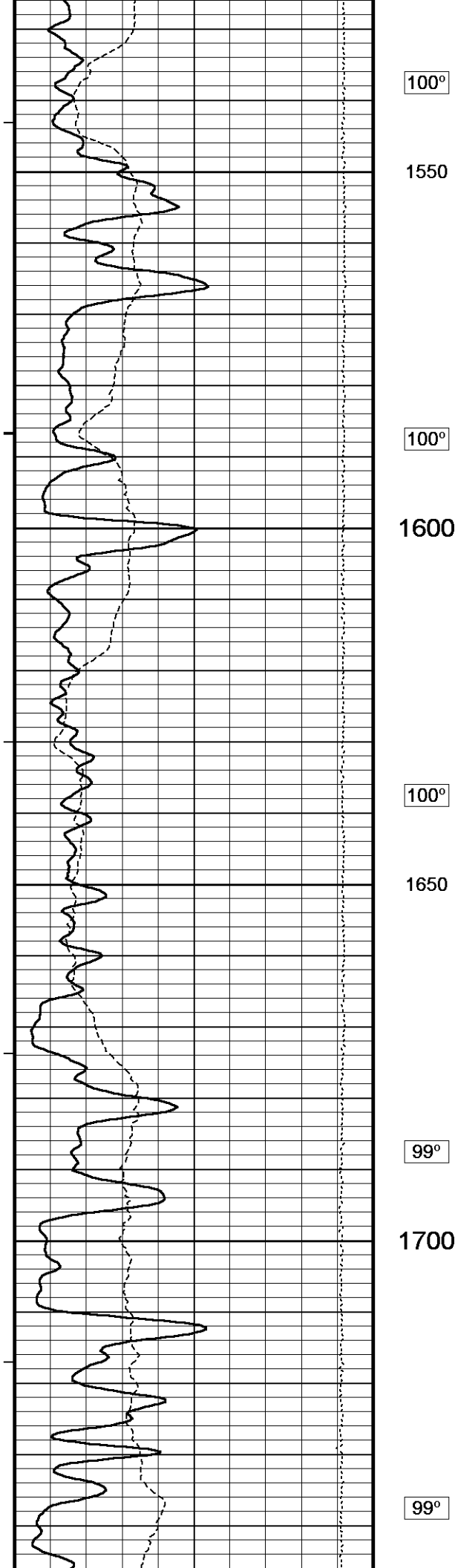


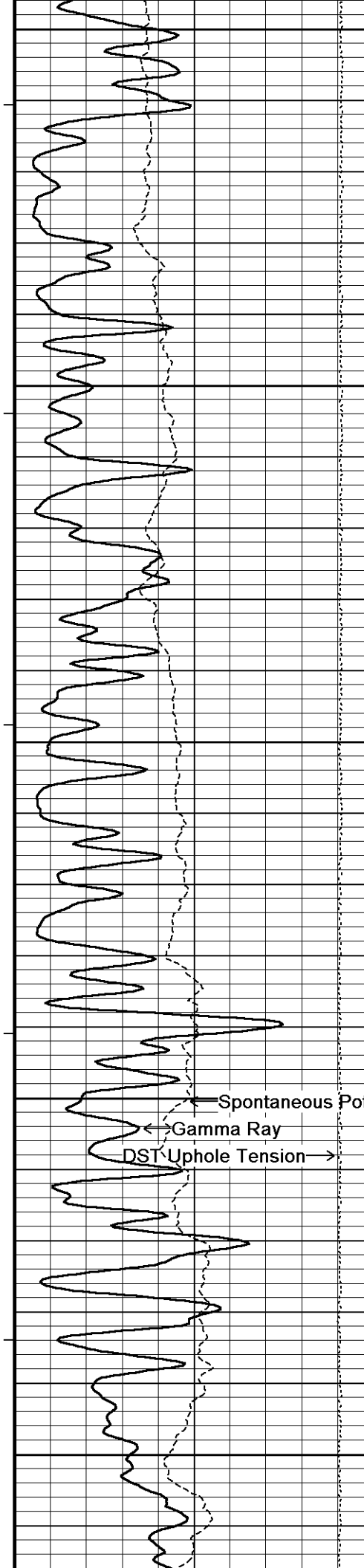
Array Ind. One Res Rt

Array Ind. One Res 60

Array Ind. One Res 40

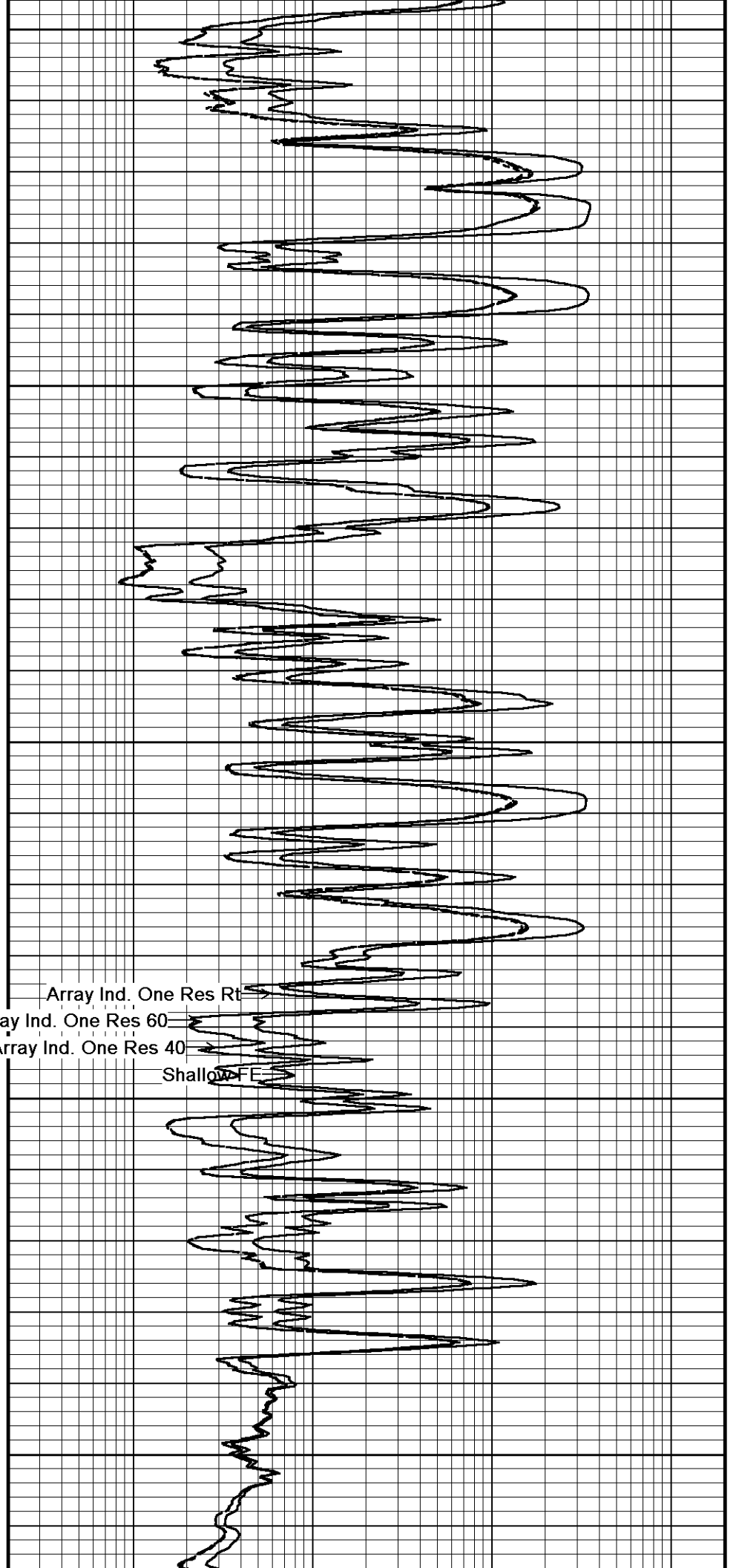
Shallow



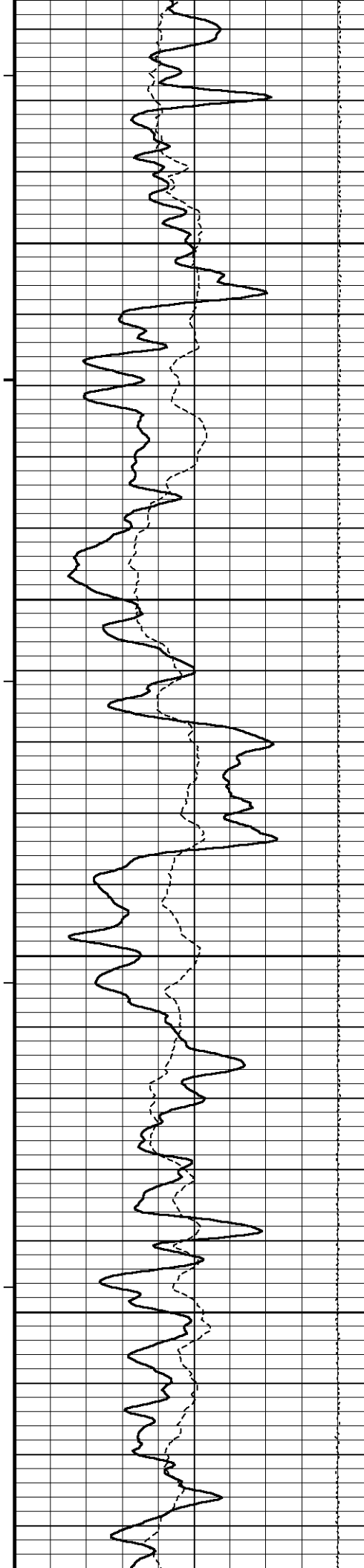


1750
99°
1800
100°
1850
100°
1900
101°
1950

Spontaneous Potenti
Gamma Ray
DST Uphole Tension



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



102°

2000

102°

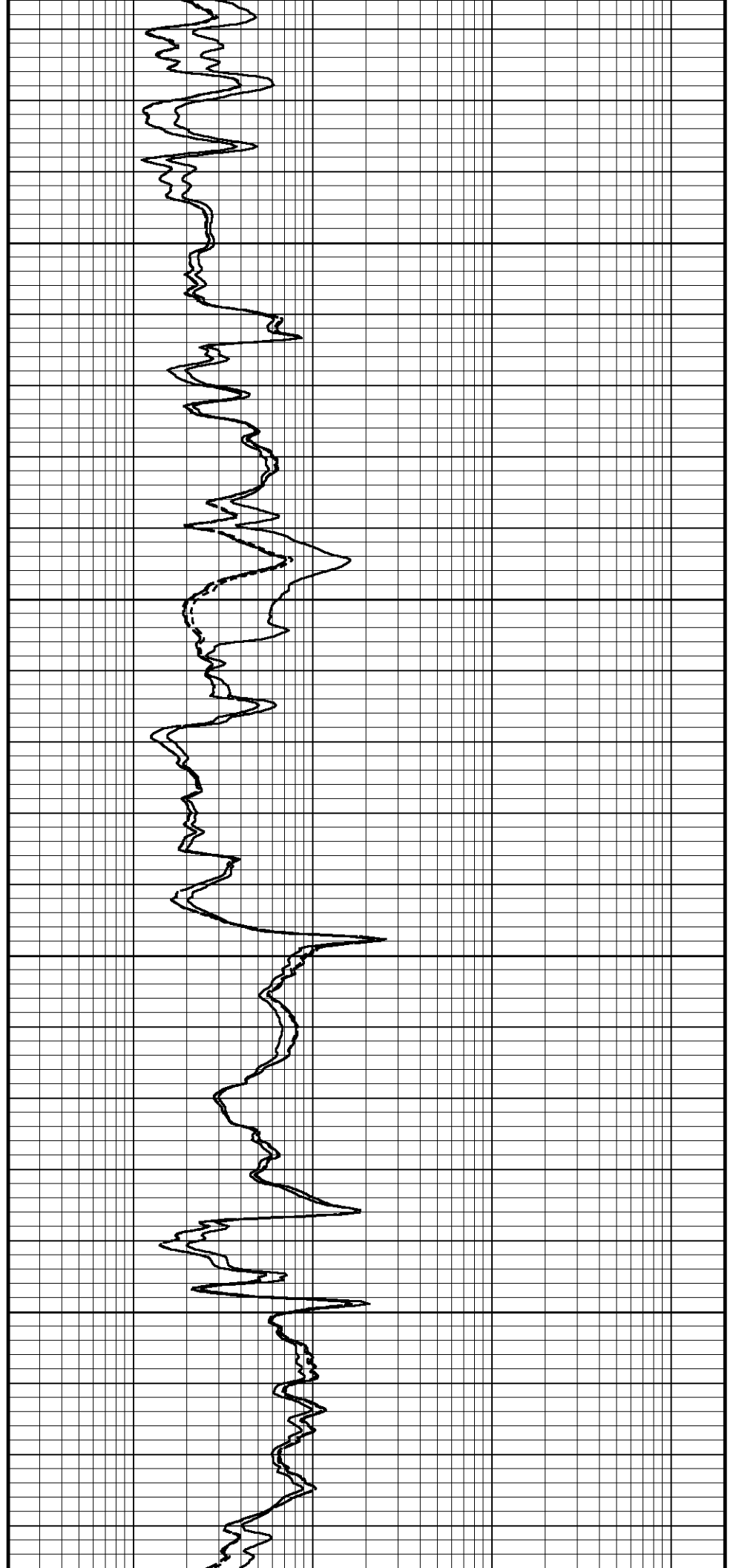
2050

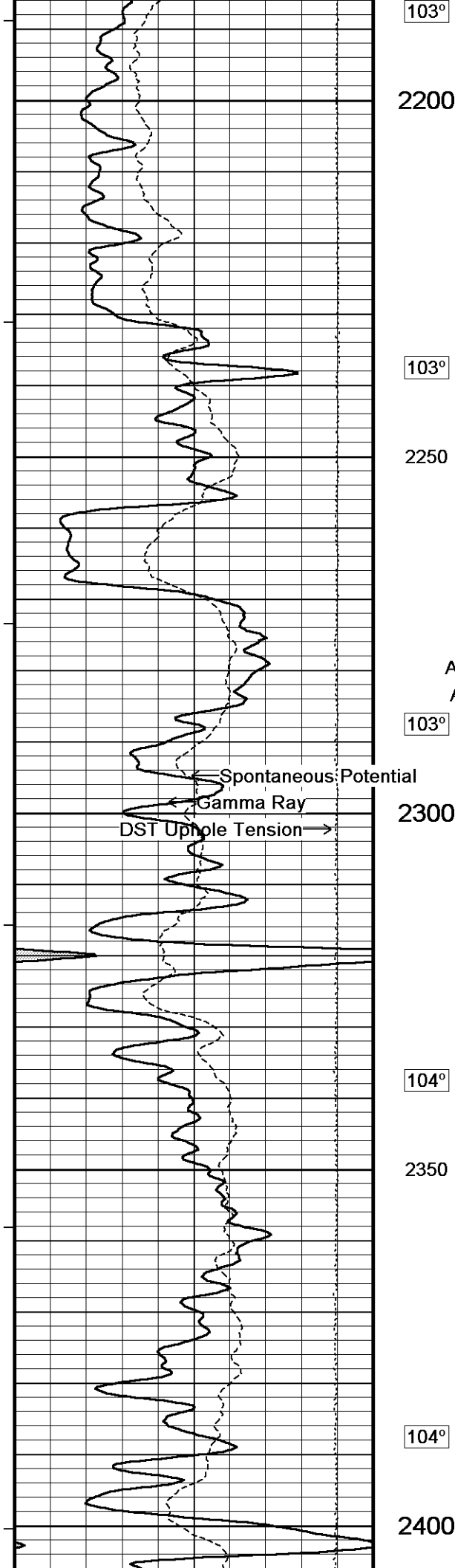
102°

2100

102°

2150





103°

2200

103°

2250

103°

2300

104°

2350

104°

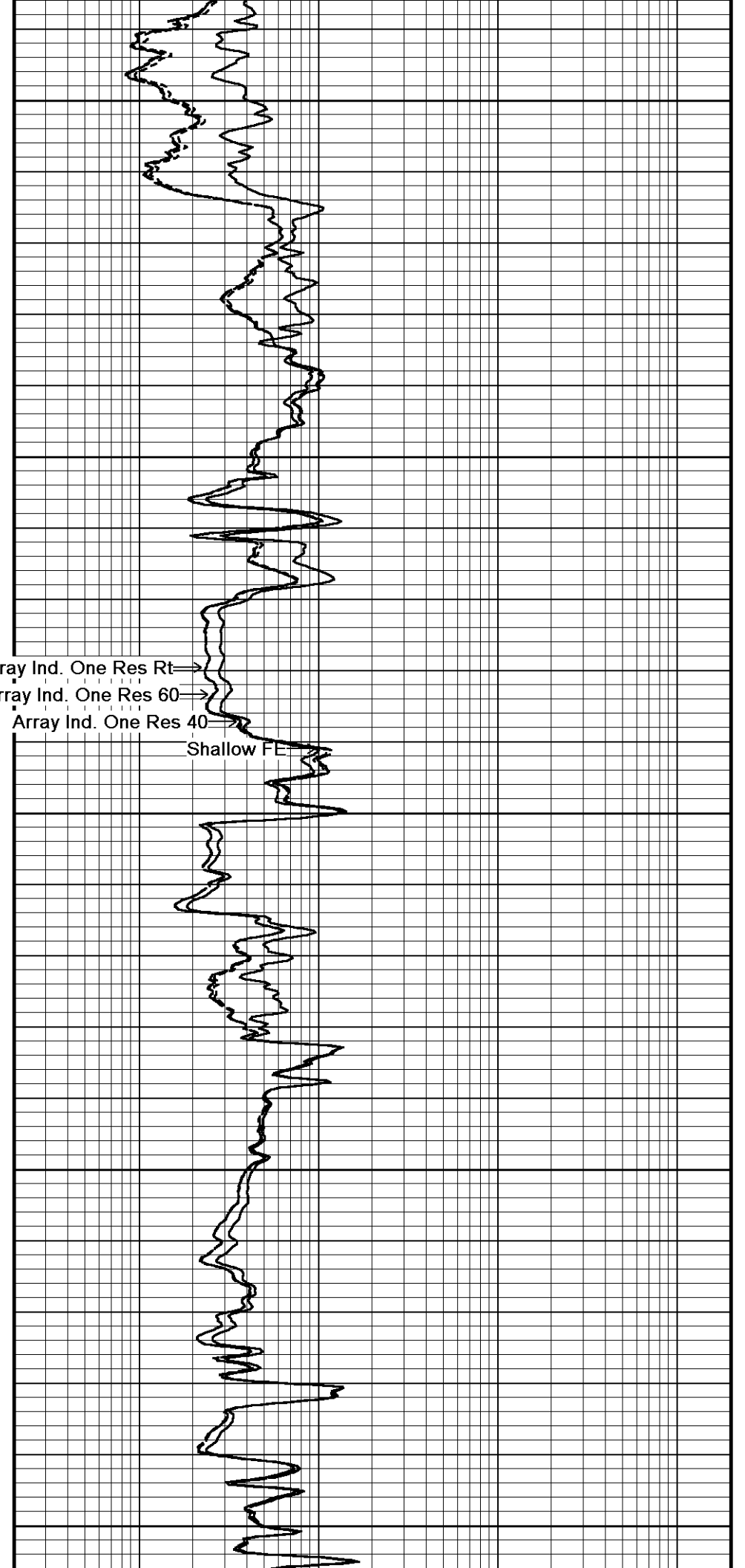
2400

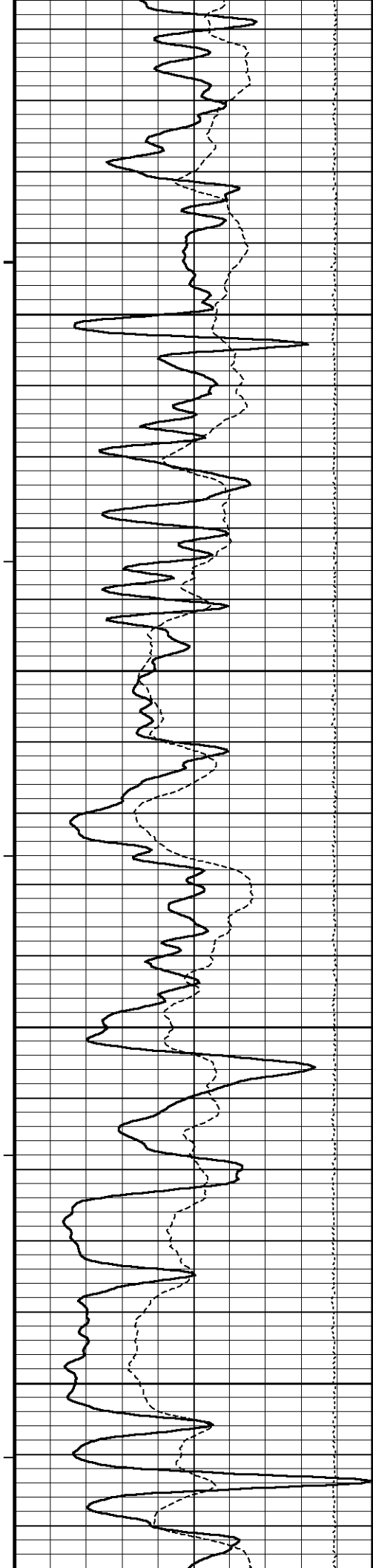
Array Ind. One Res Rt →

Array Ind. One Res 60 →

Array Ind. One Res 40 →

Shallow FE





105°

2450

105°

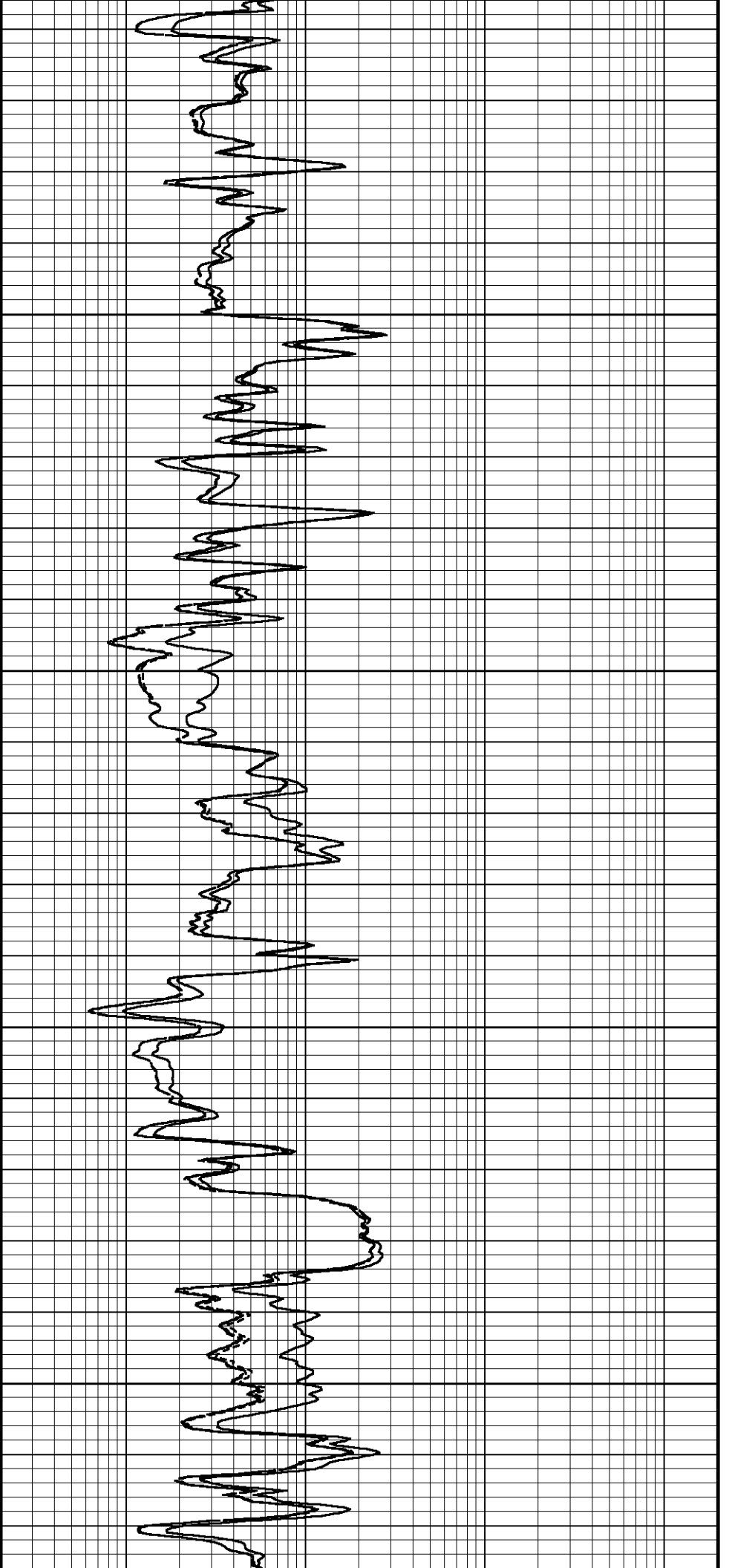
2500

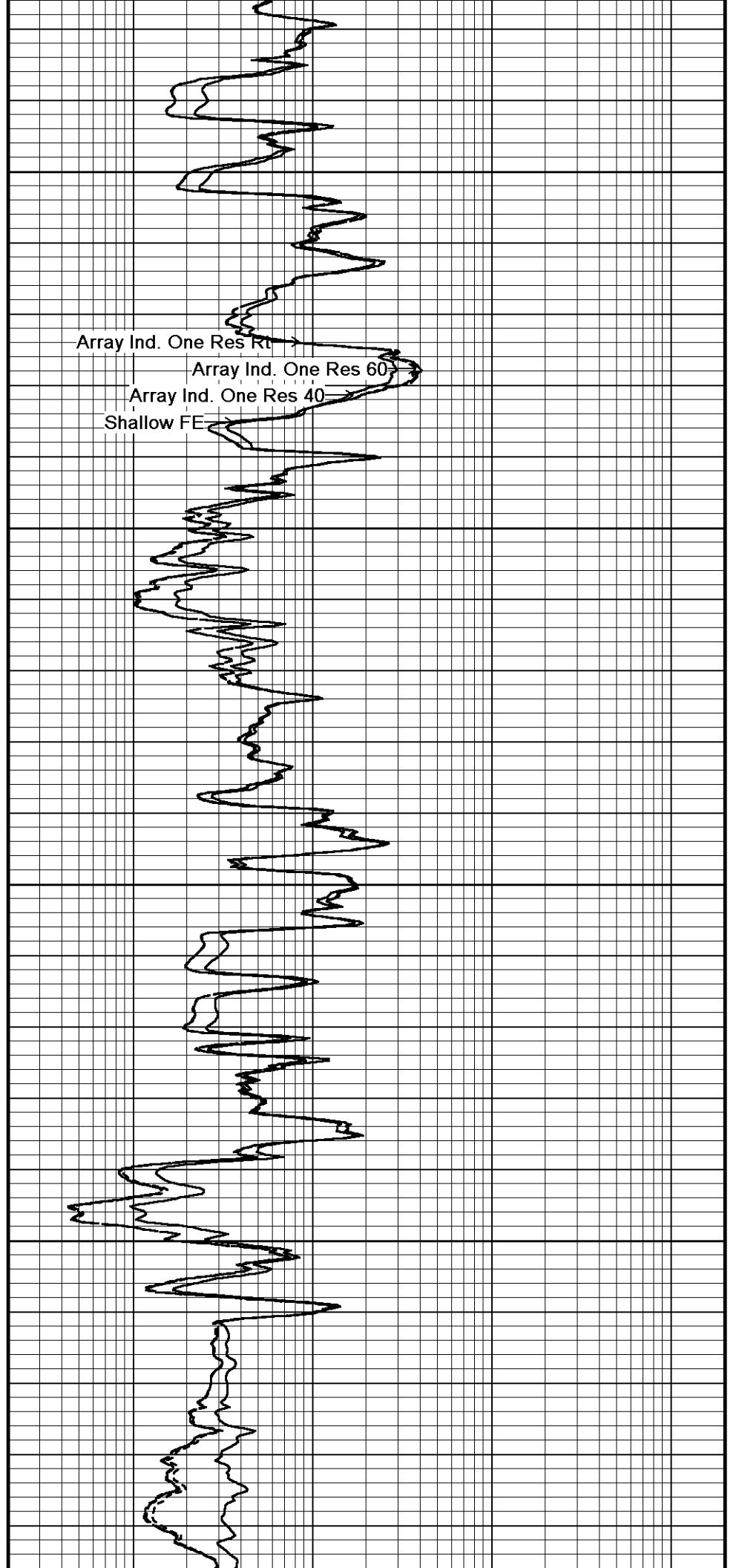
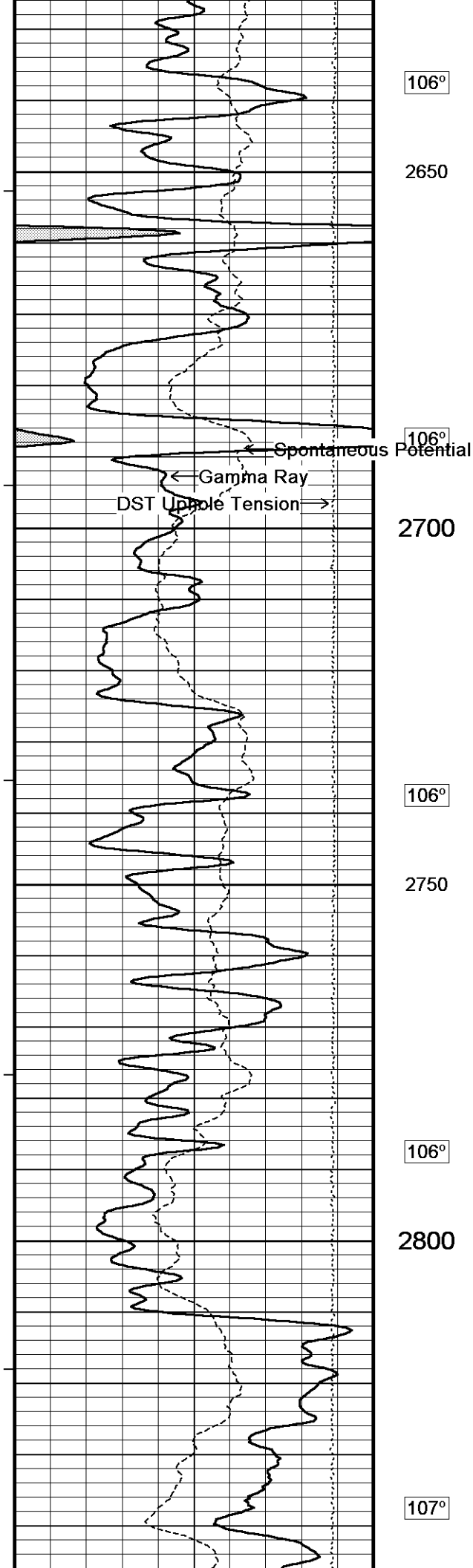
105°

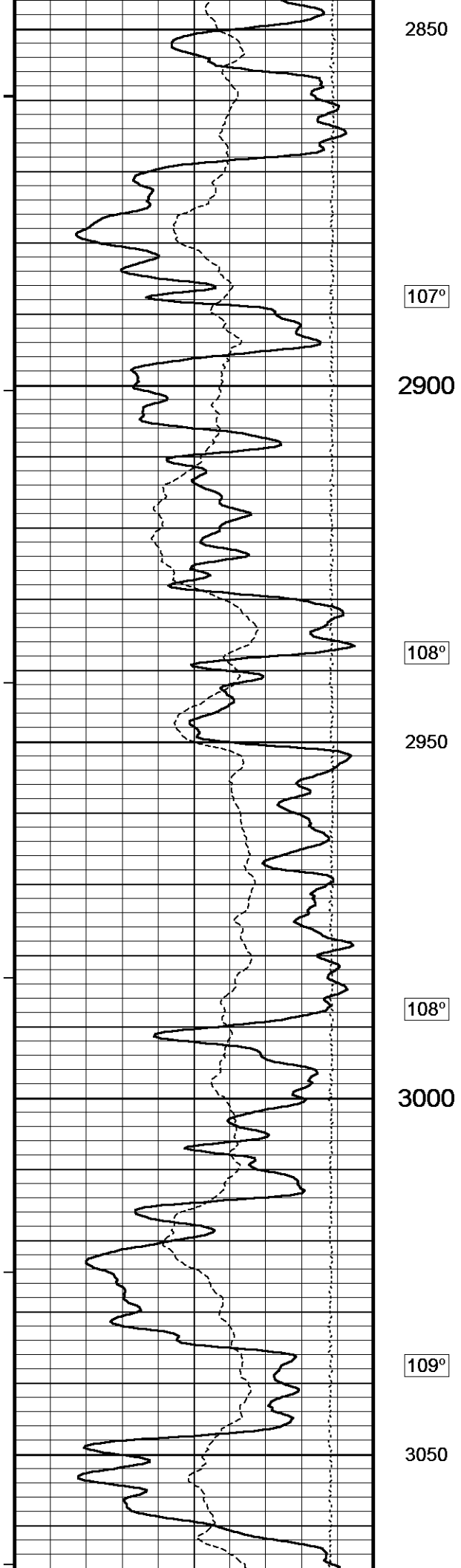
2550

105°

2600







2850

107°

2900

108°

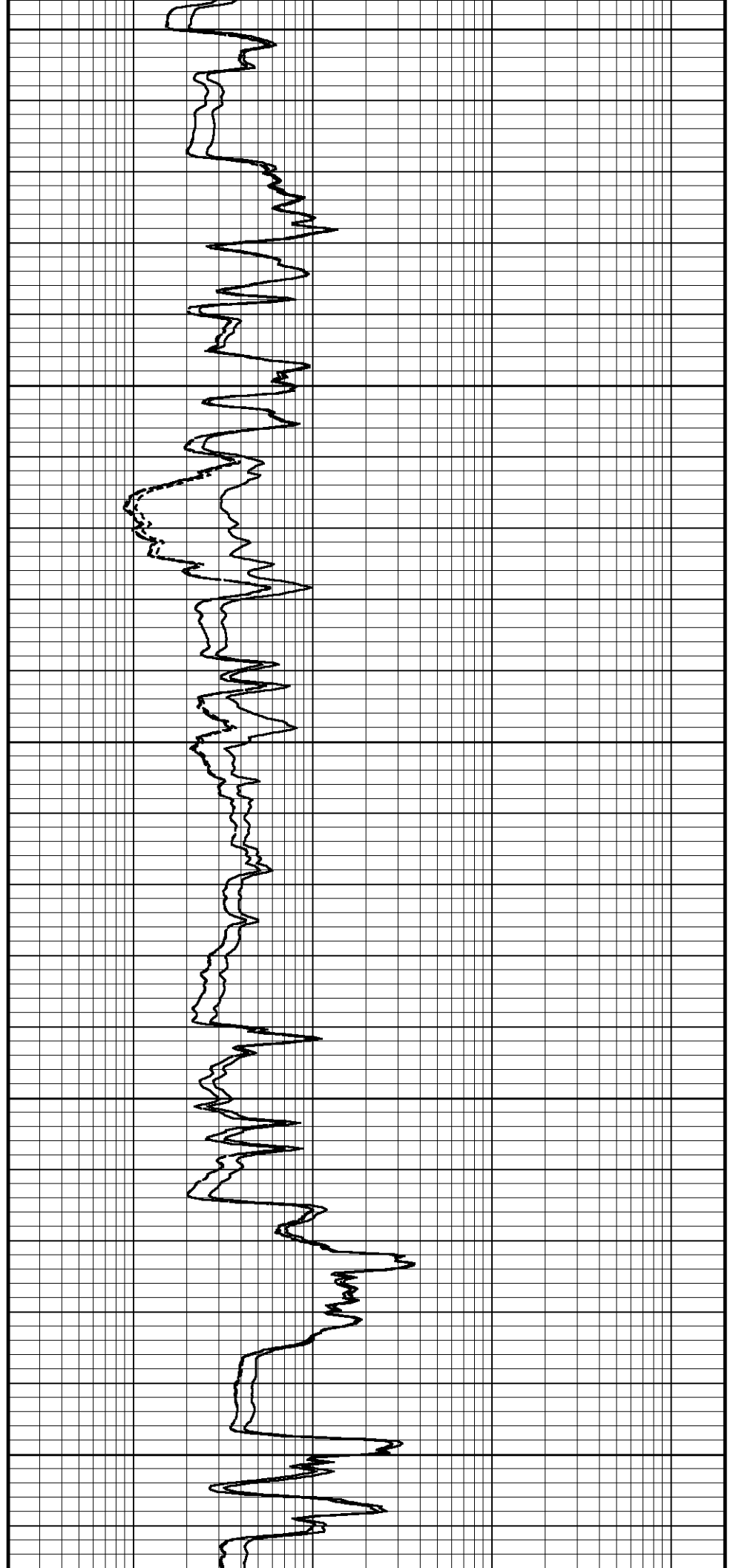
2950

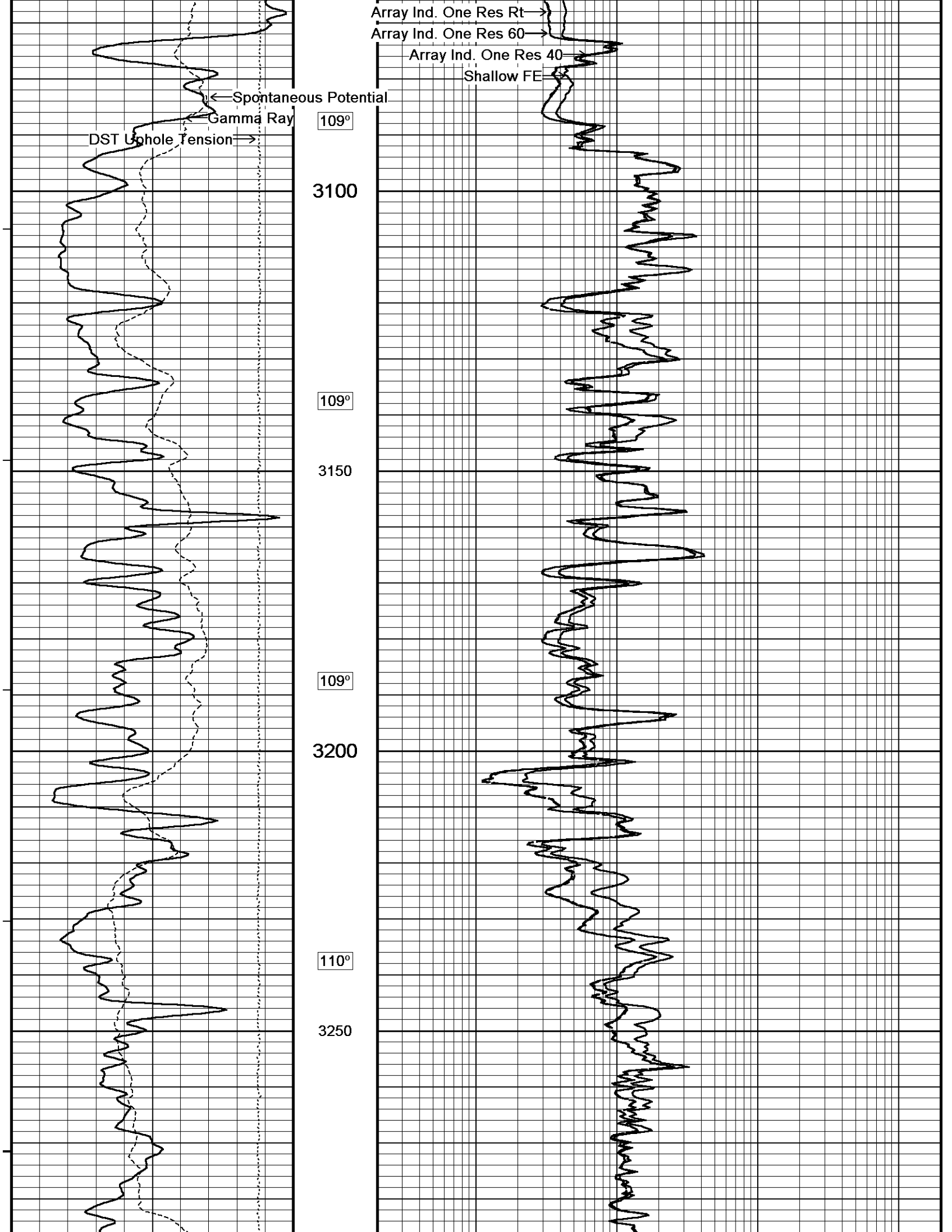
108°

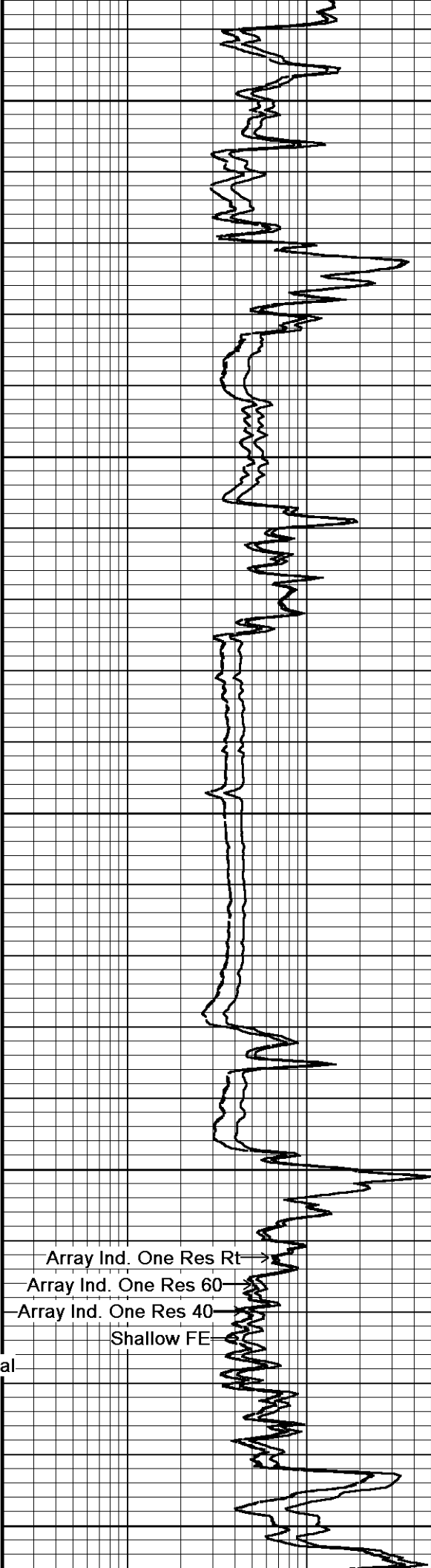
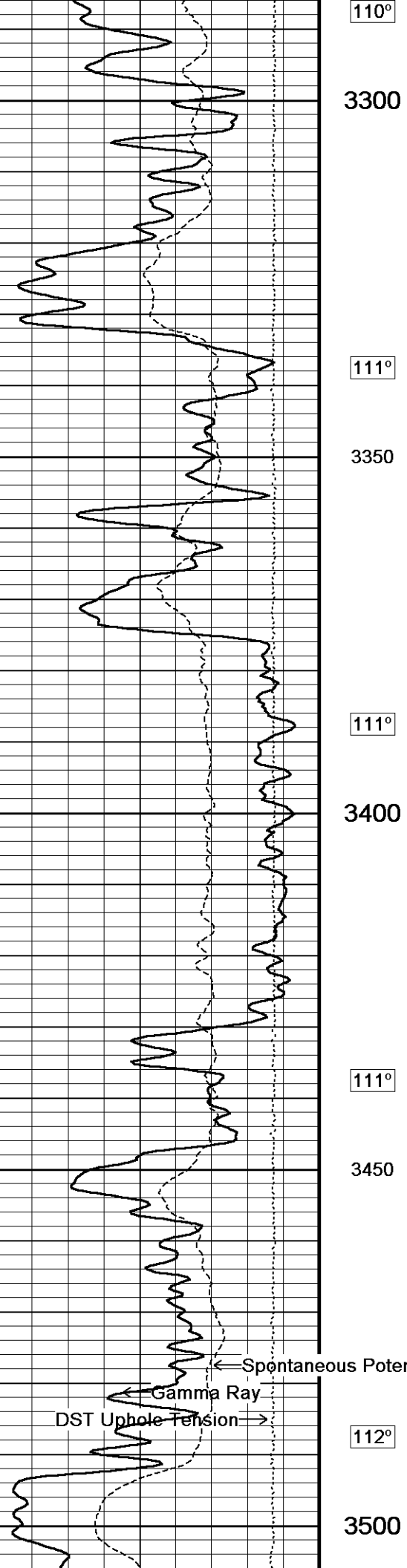
3000

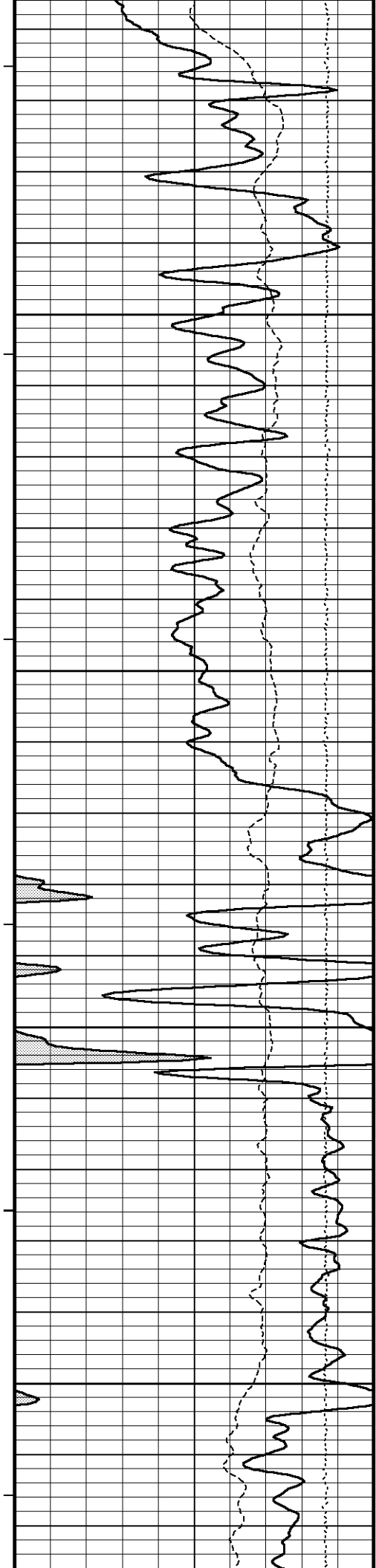
109°

3050

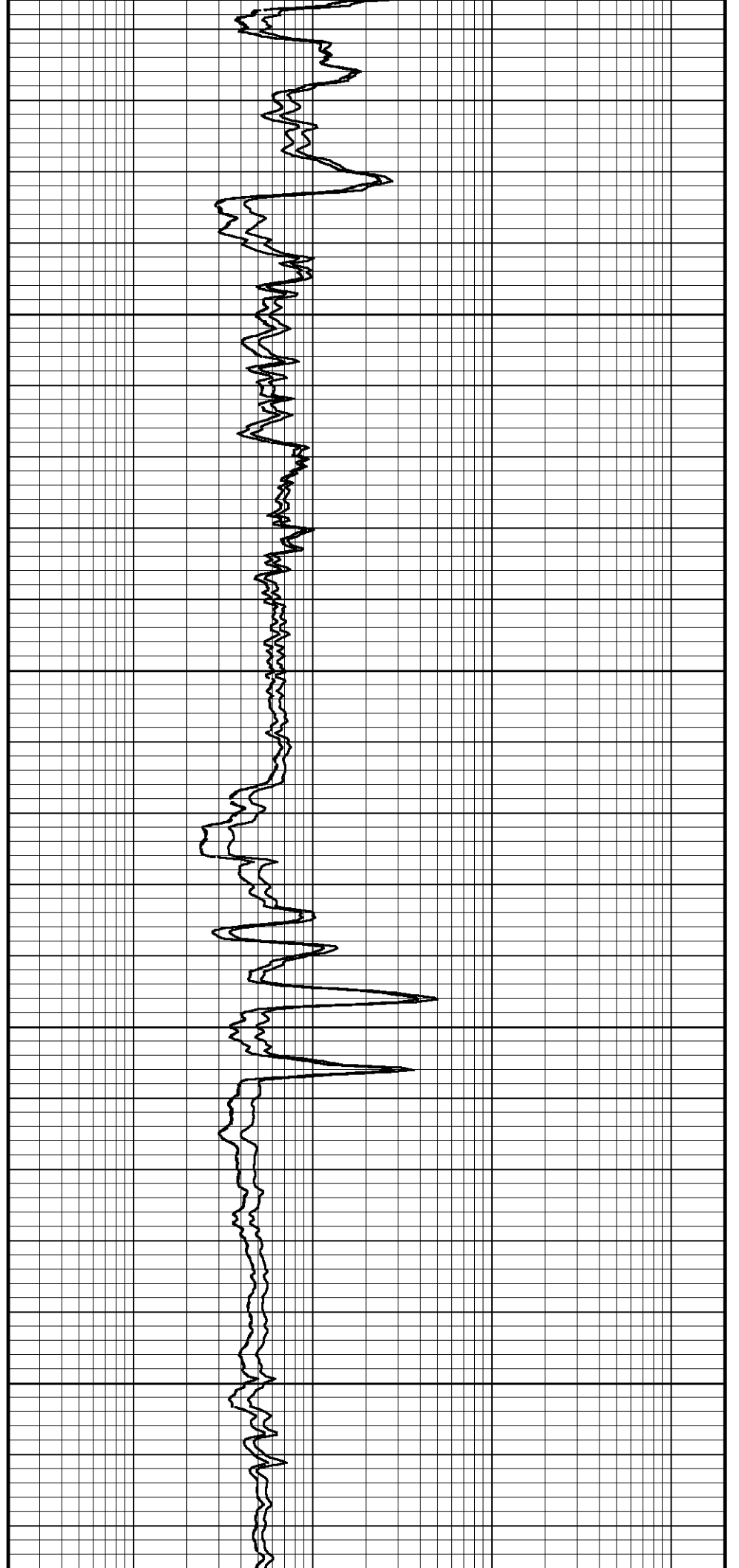


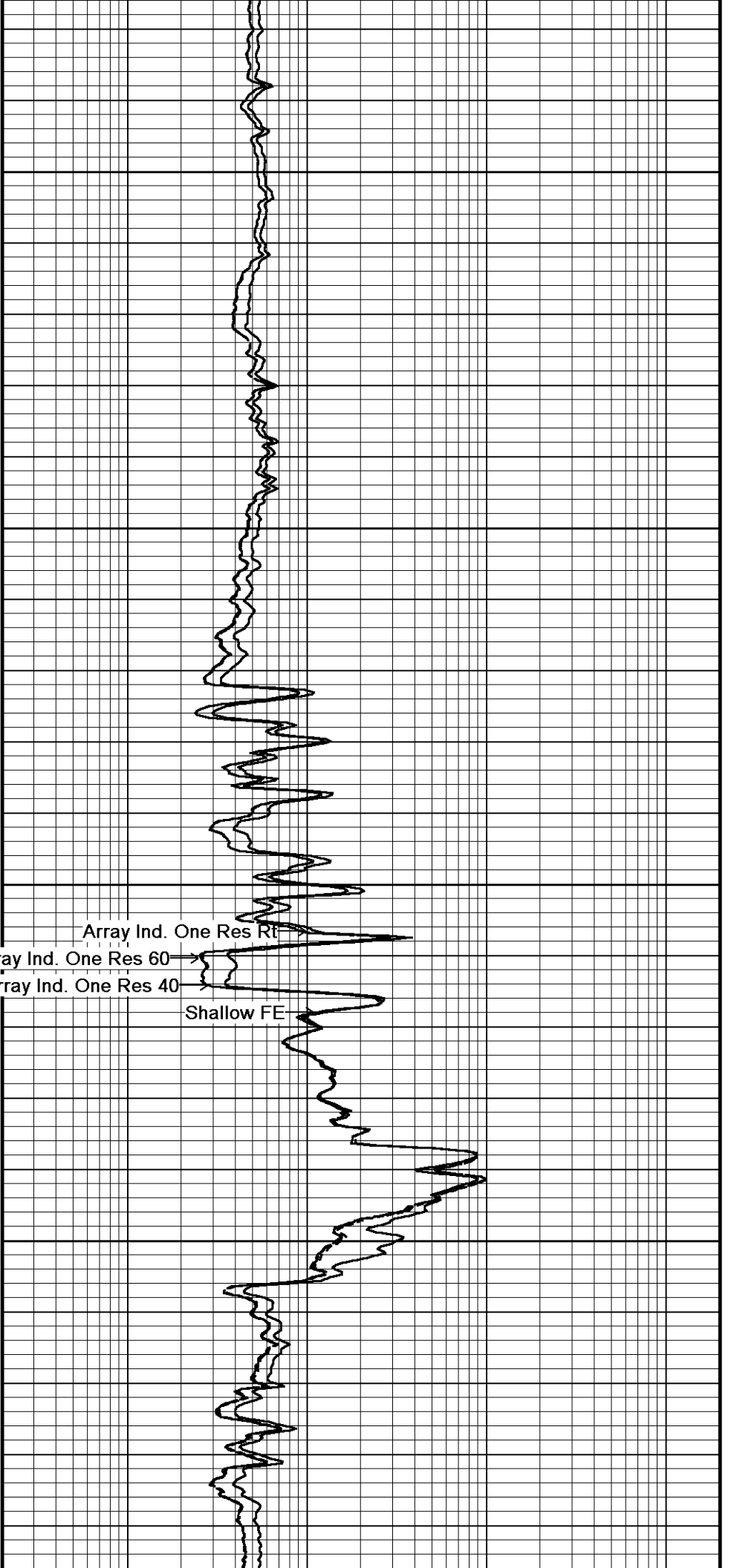
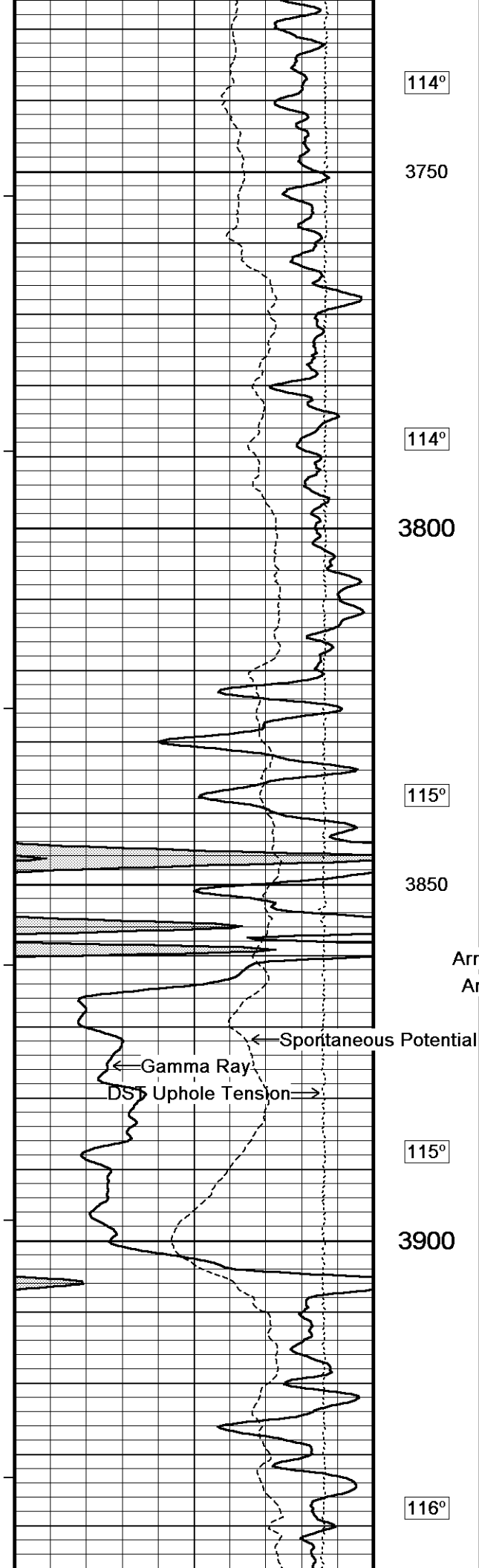


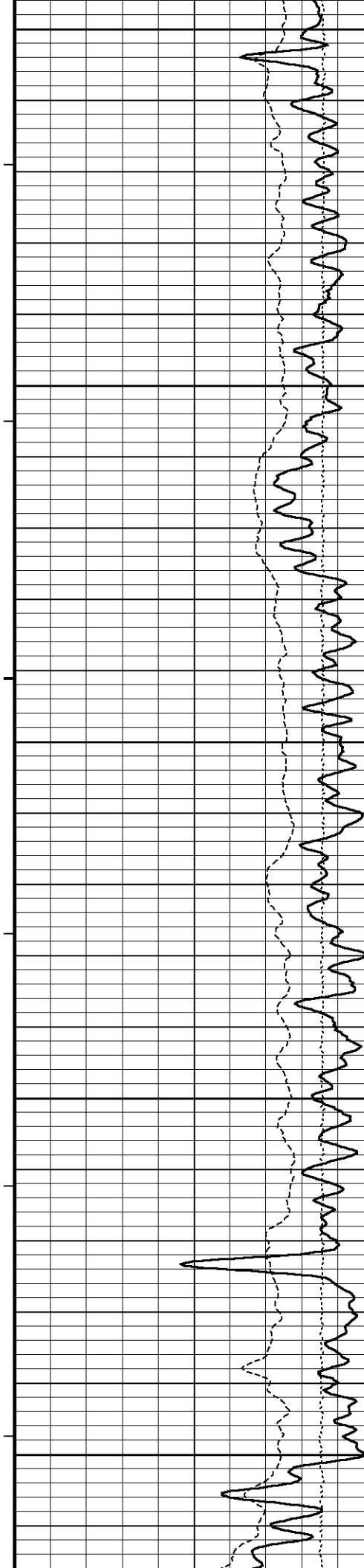




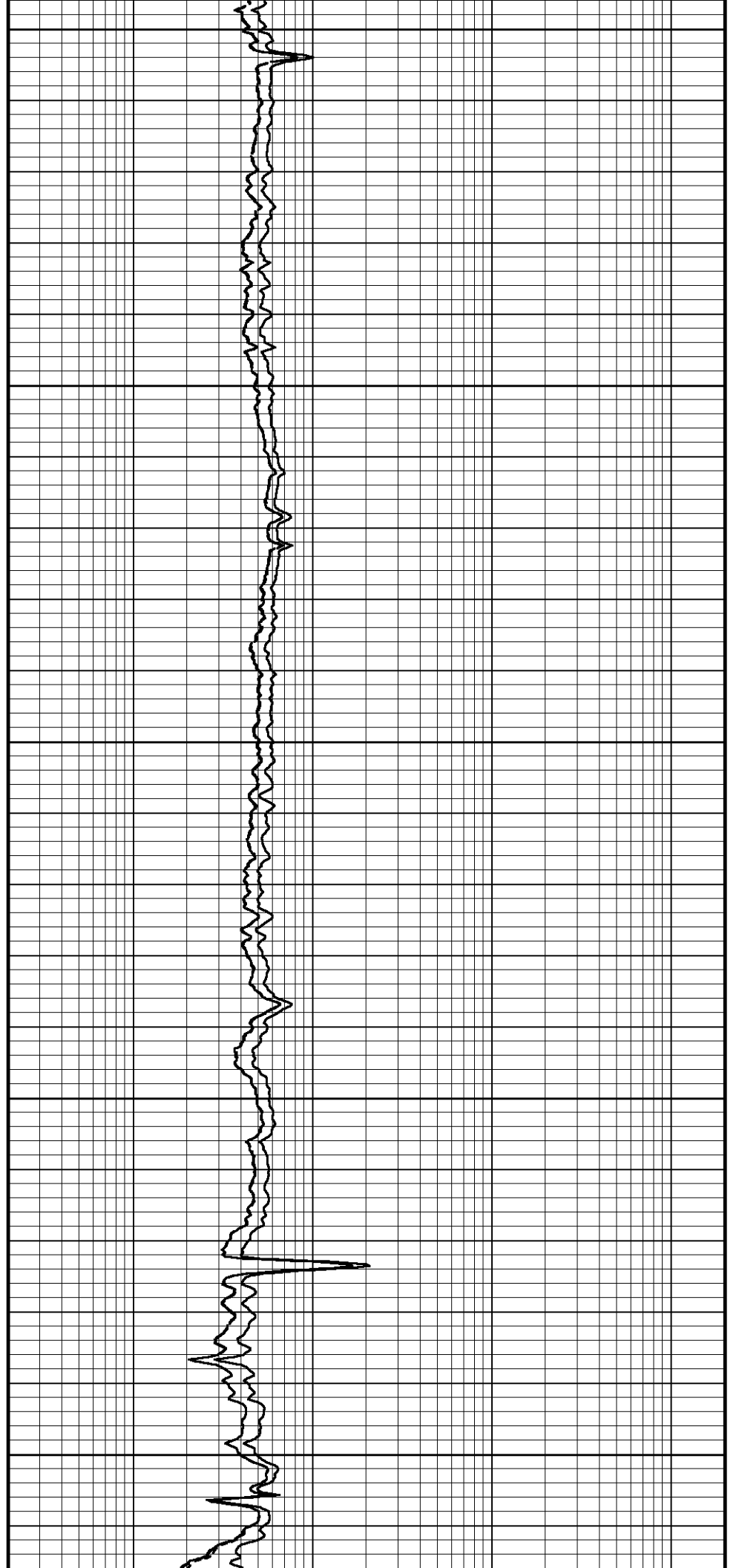
112°
3550
113°
3600
113°
3650
114°
3700

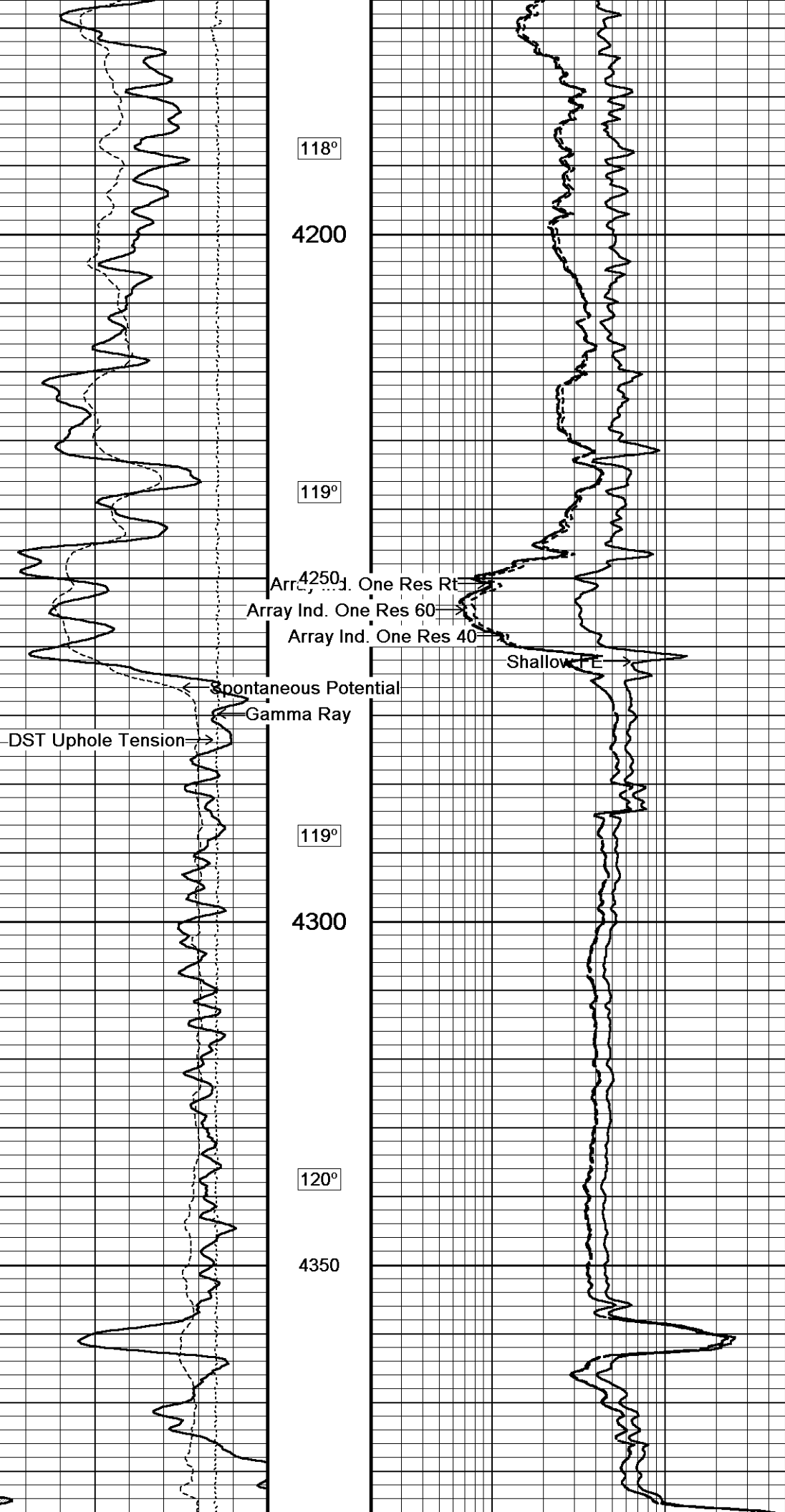


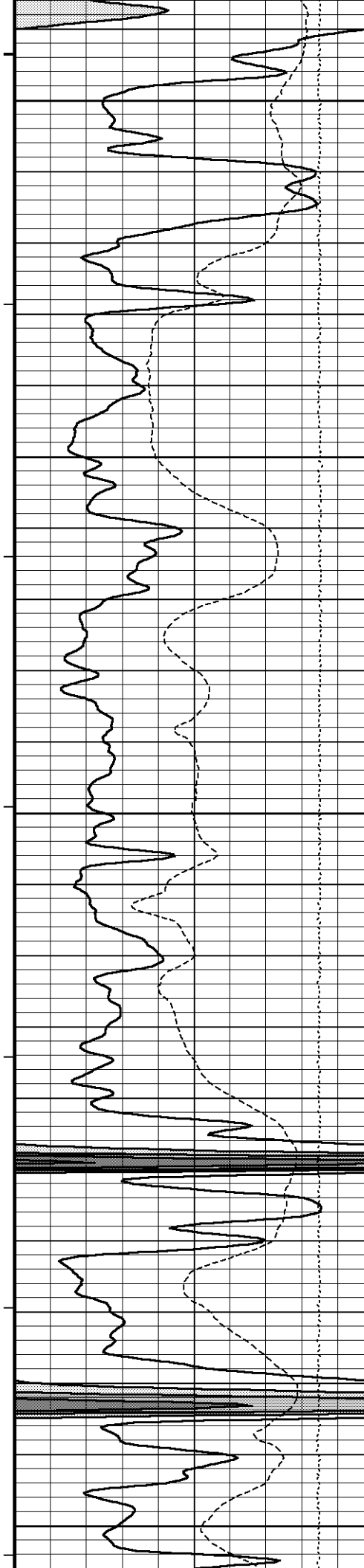




3950
116°
4000
117°
4050
117°
4100
118°
4150







120°

4400

121°

4450

121°

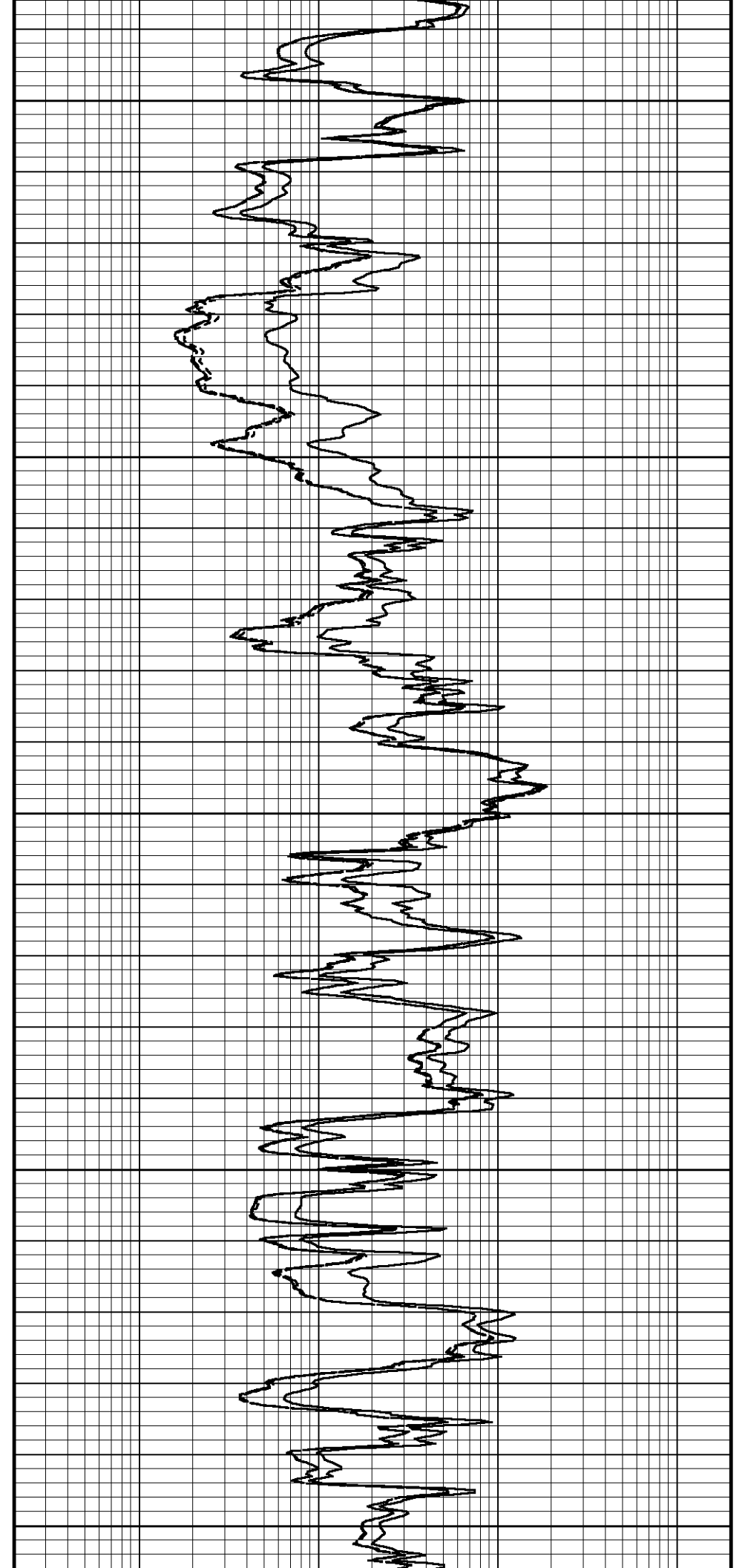
4500

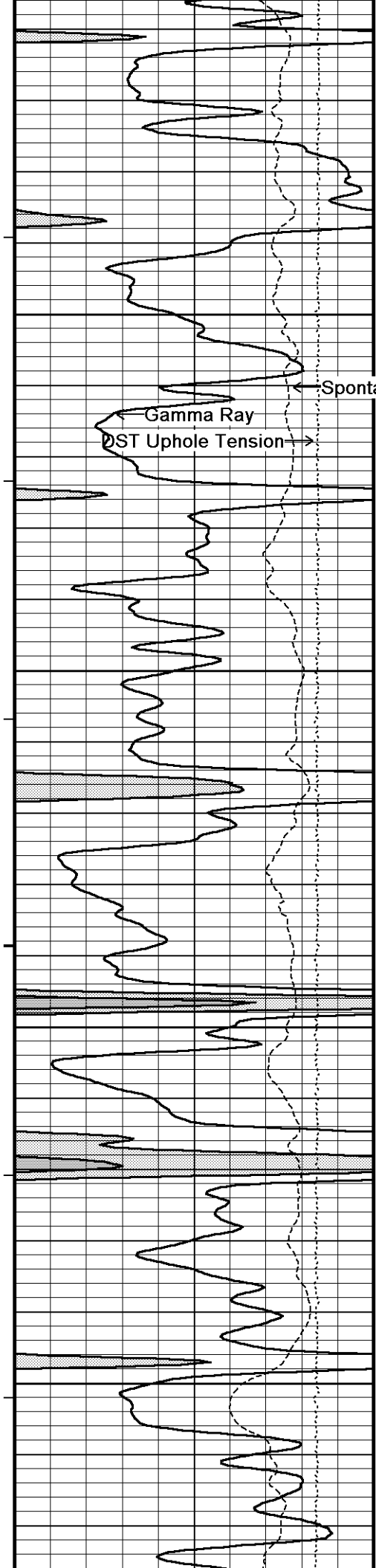
121°

4550

122°

4600





122°

4650

← Spontaneous Potential

← Gamma Ray
DST Uphole Tension →

123°

4700

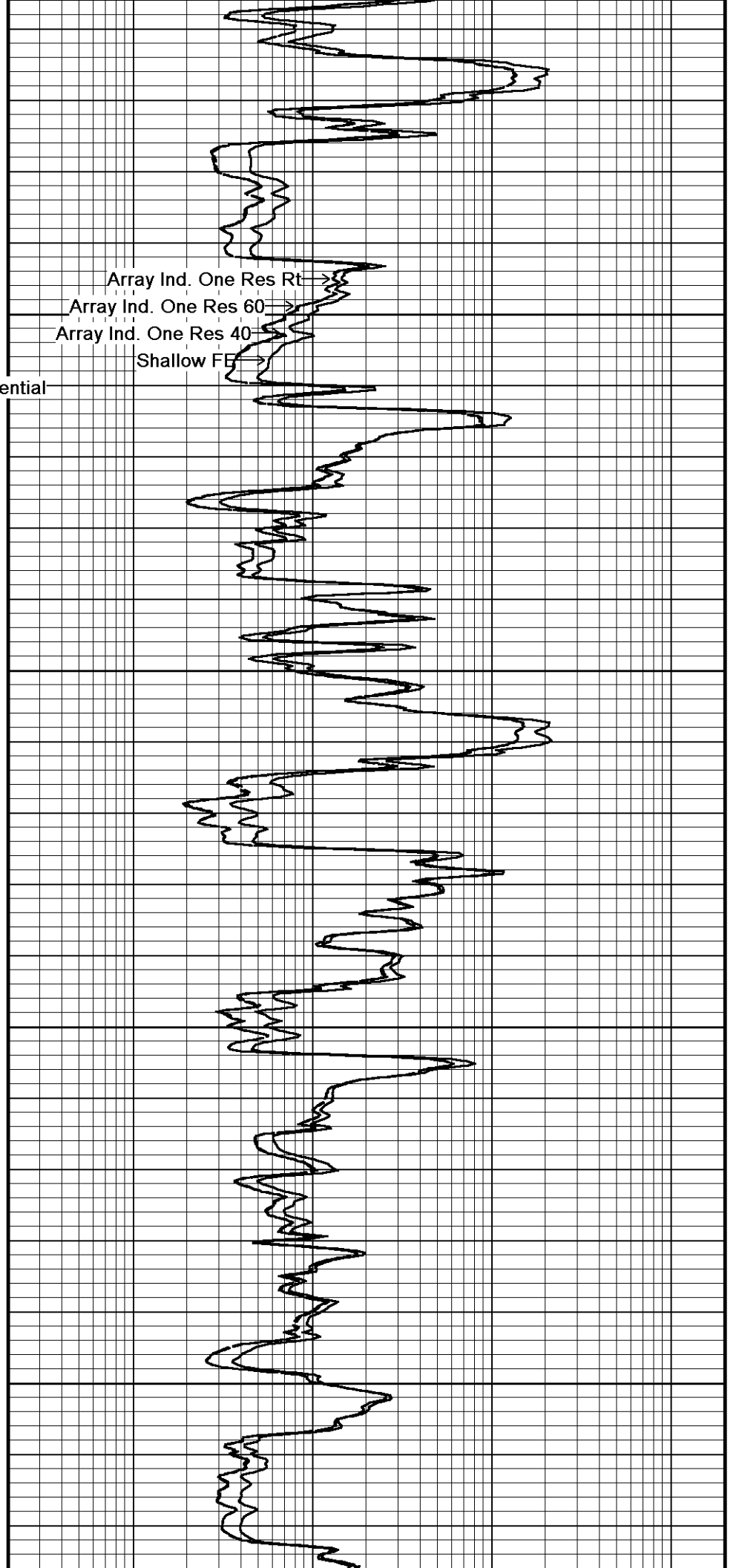
123°

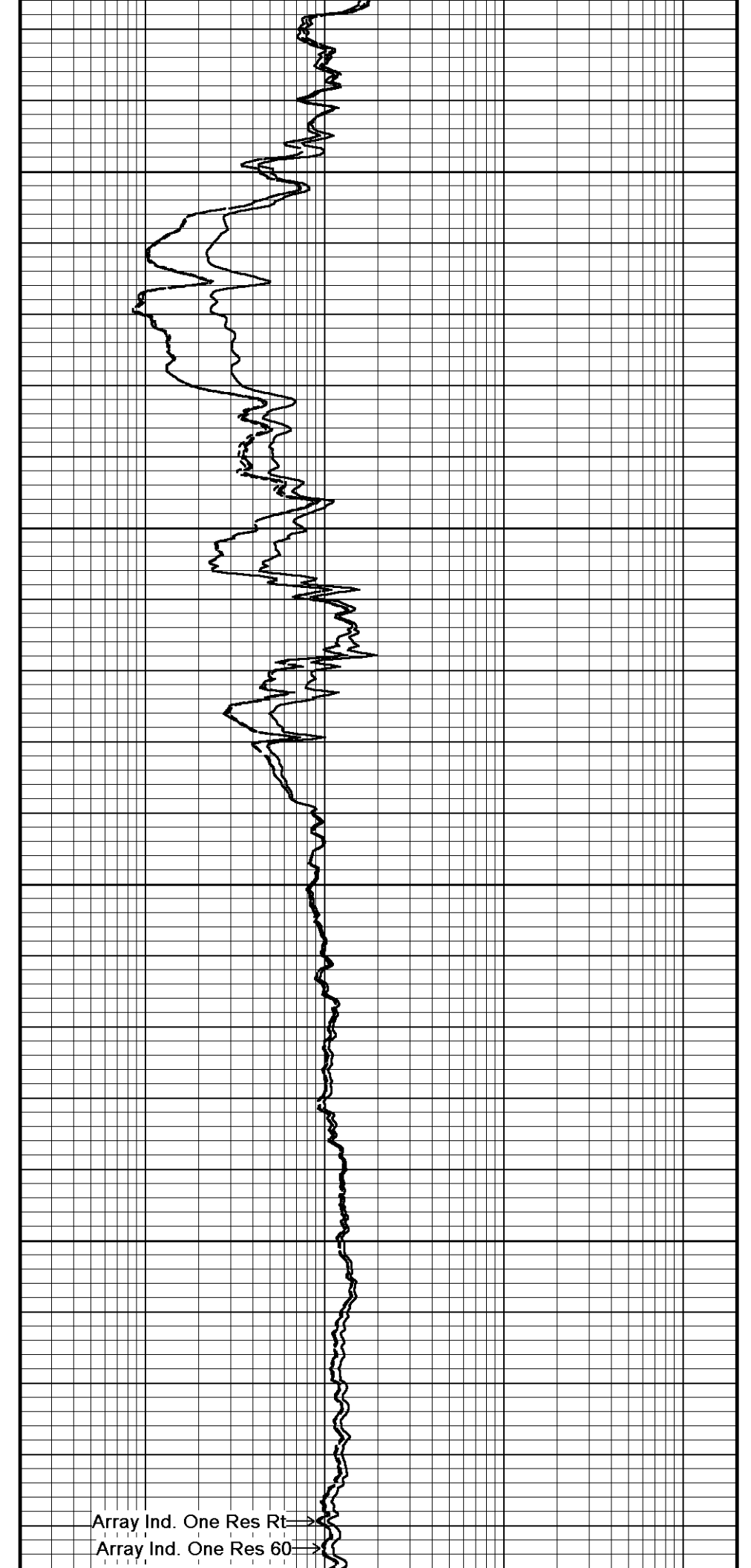
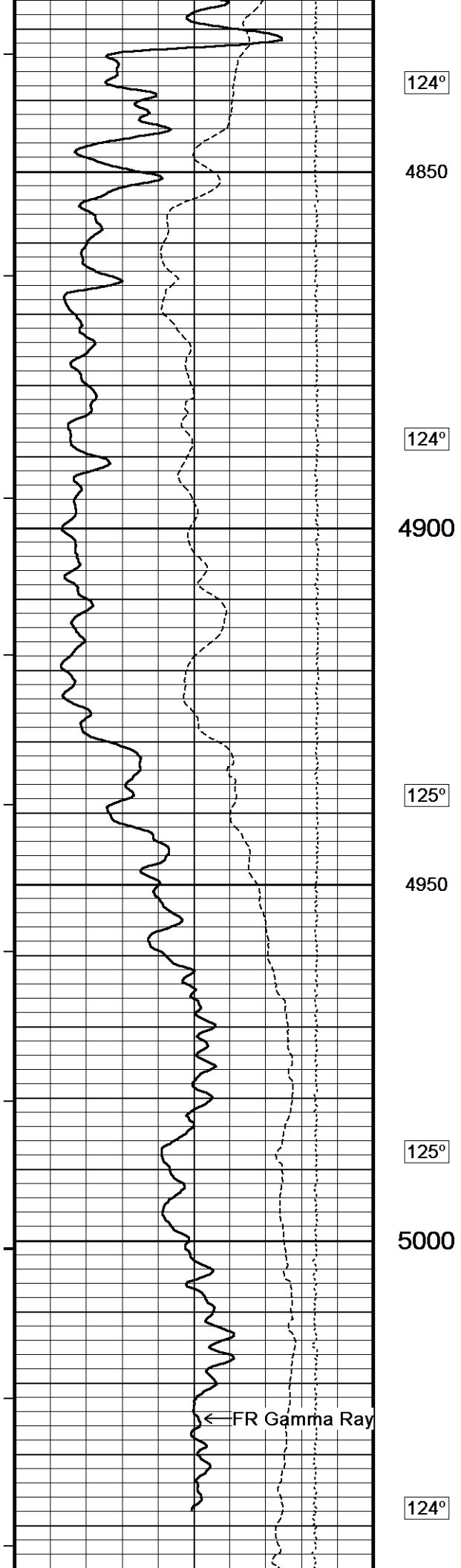
4750

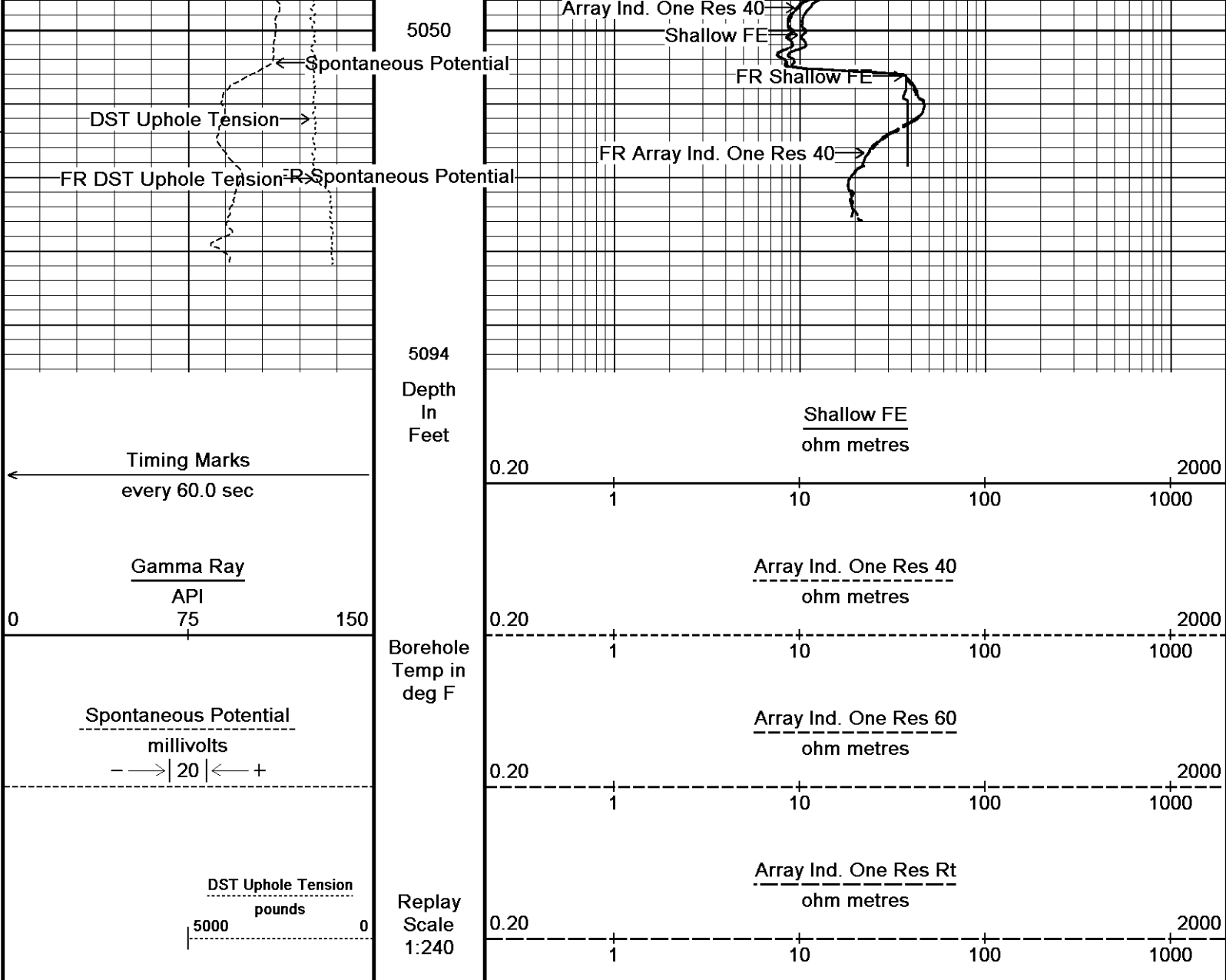
123°

4800

Array Ind. One Res Rt →
Array Ind. One Res 60 →
Array Ind. One Res 40 →
Shallow FB →





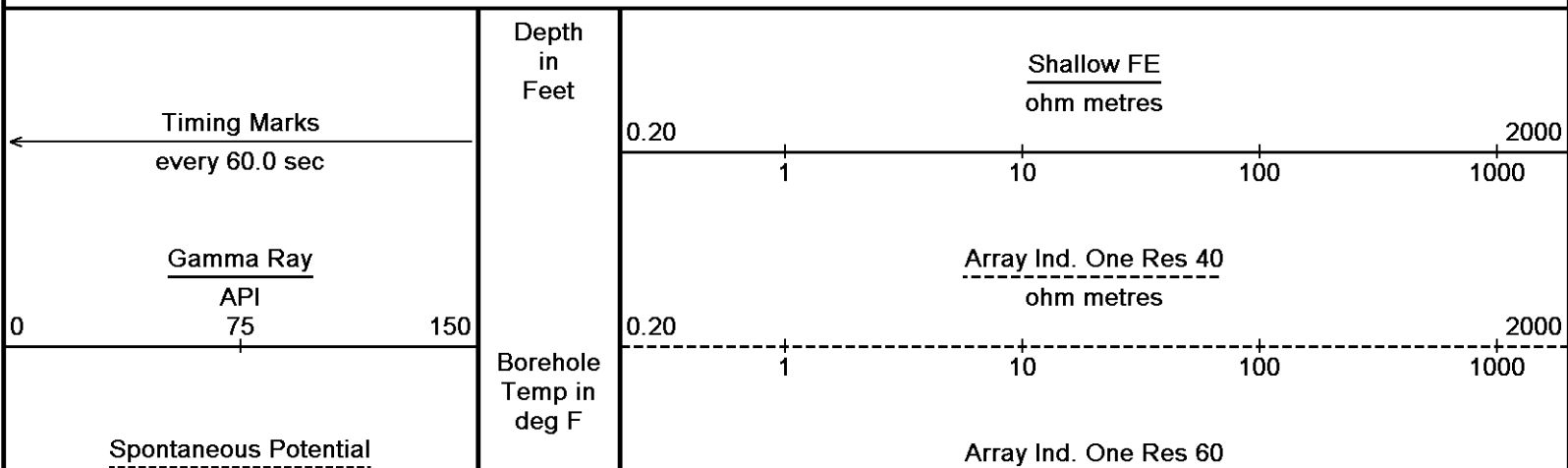


Depth Based Data - Maximum Sampling Increment 10.0cm
 Plotted on 18-JAN-2012 14:48
 Filename: C:\DOCUME~1\ScheffJL\LOCALS~1\Temp\Weatherford Pr...\Redland Brynn # 9-15_002.dta
 Recorded on 03-SEP-2011 02:21
 System Versions: Logged with 11.03.4044 Plotted with 12.01.3513

↑ 5 INCH MAIN ↑

↓ REPEAT SECTION ↓

Depth Based Data - Maximum Sampling Increment 10.0cm
 Plotted on 18-JAN-2012 14:48
 Filename: C:\DOCUME~1\ScheffJL\LOCALS~1\Temp\Weatherford Pr...\Redland Brynn # 9-15_001.dta
 Recorded on 03-SEP-2011 01:53
 System Versions: Logged with 11.03.4044 Plotted with 12.01.3513

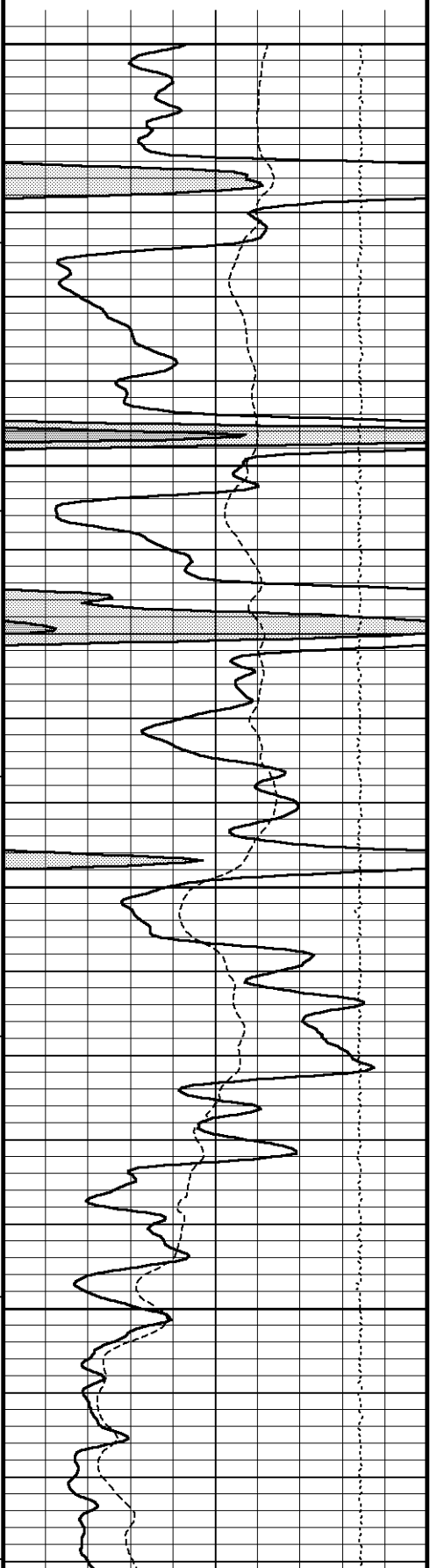


millivolts
-->| 20 |<-- +

DST Uphole Tension
pounds
5000 0

Replay
Scale
1:240

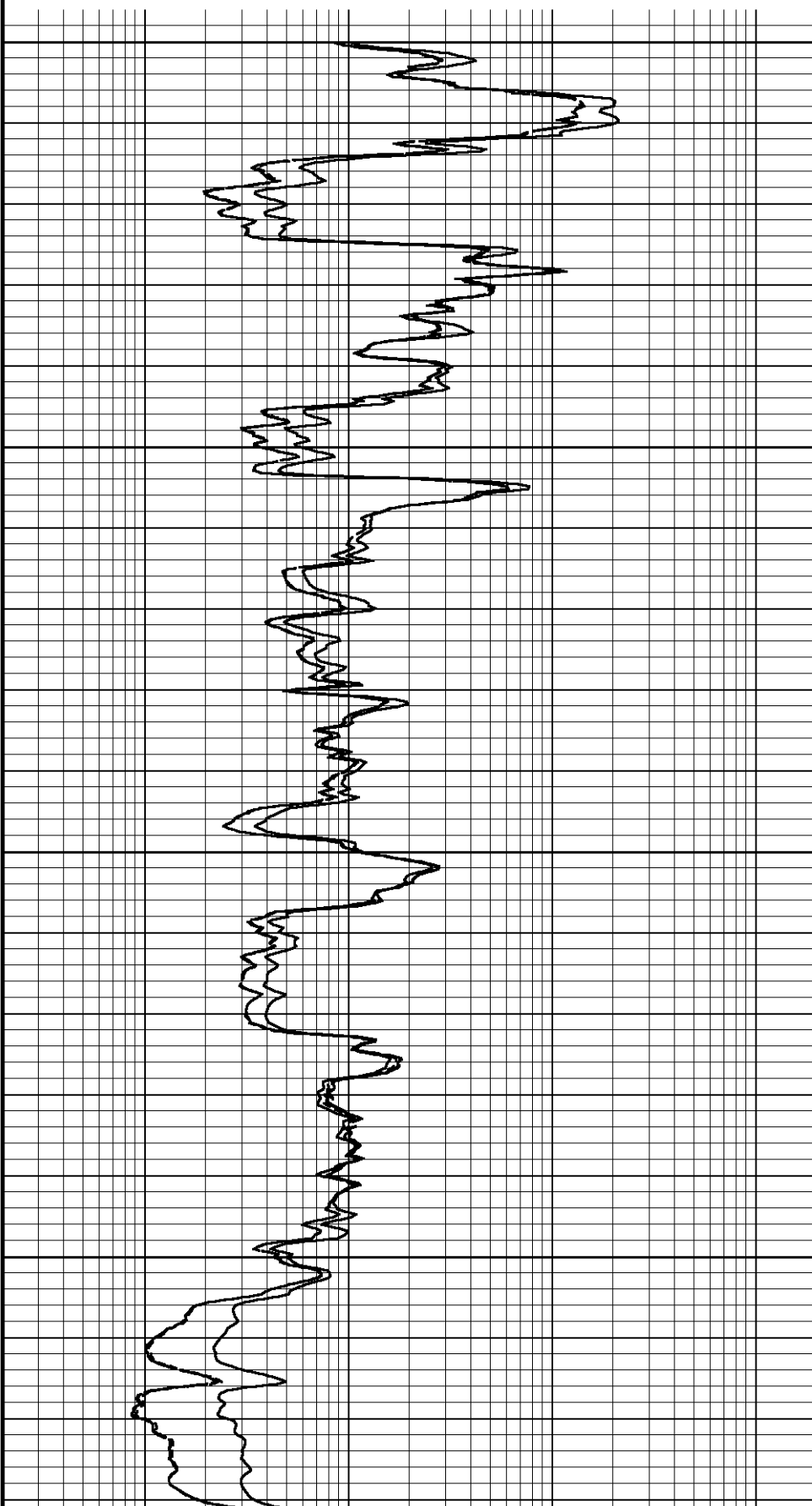
4700
122°
4750
122°
4800
123°
4850

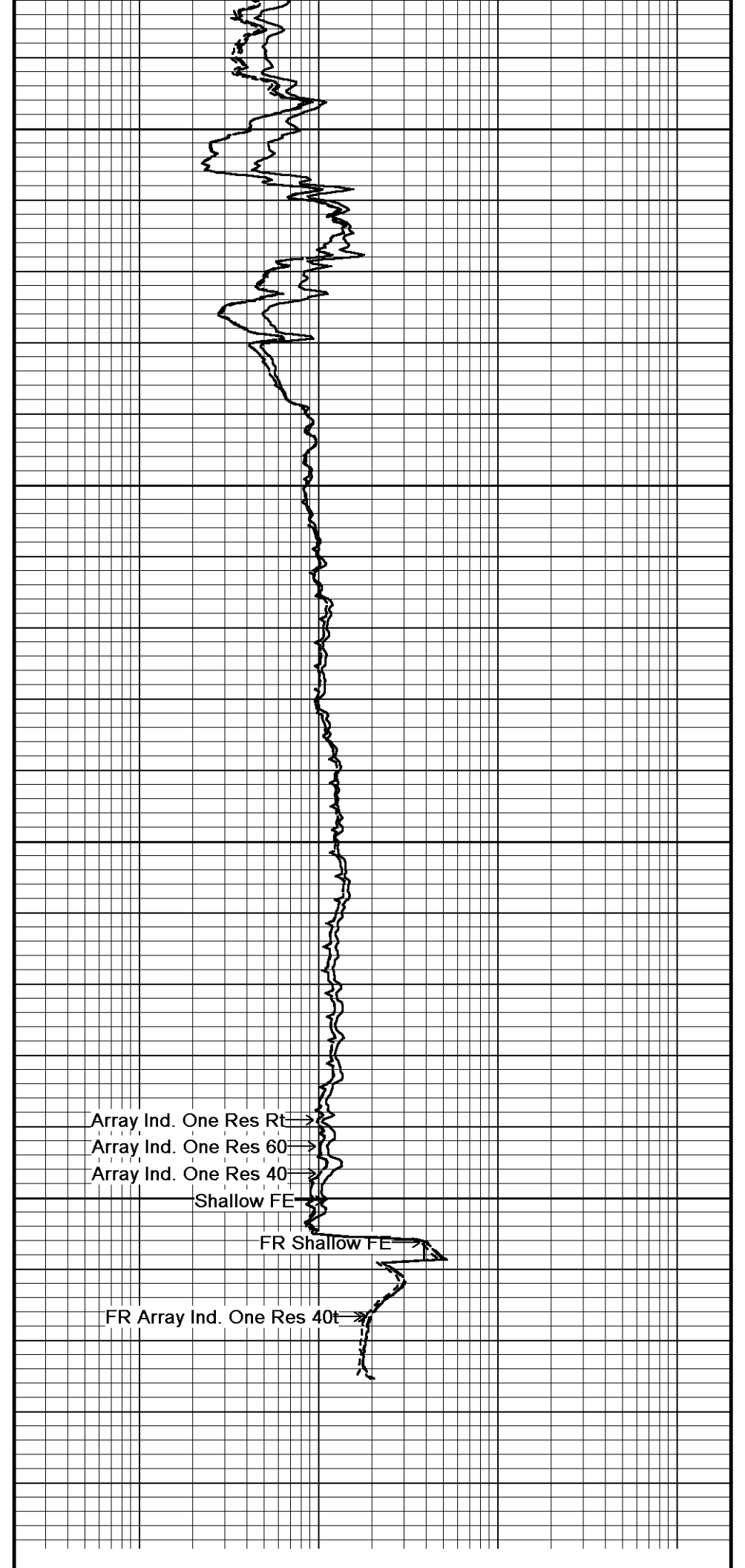
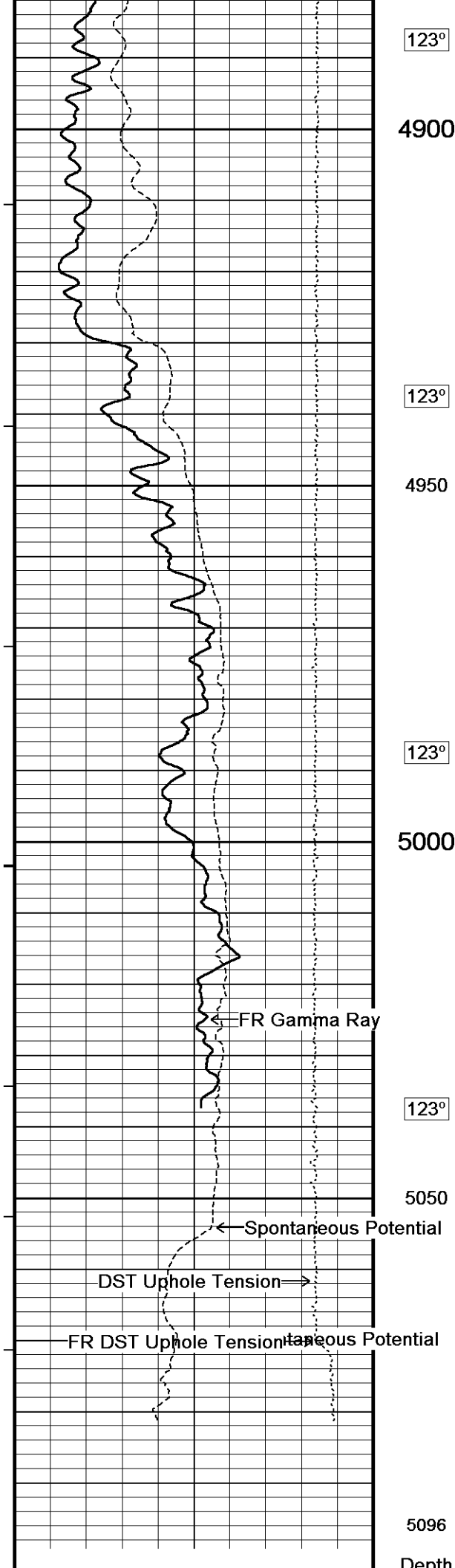


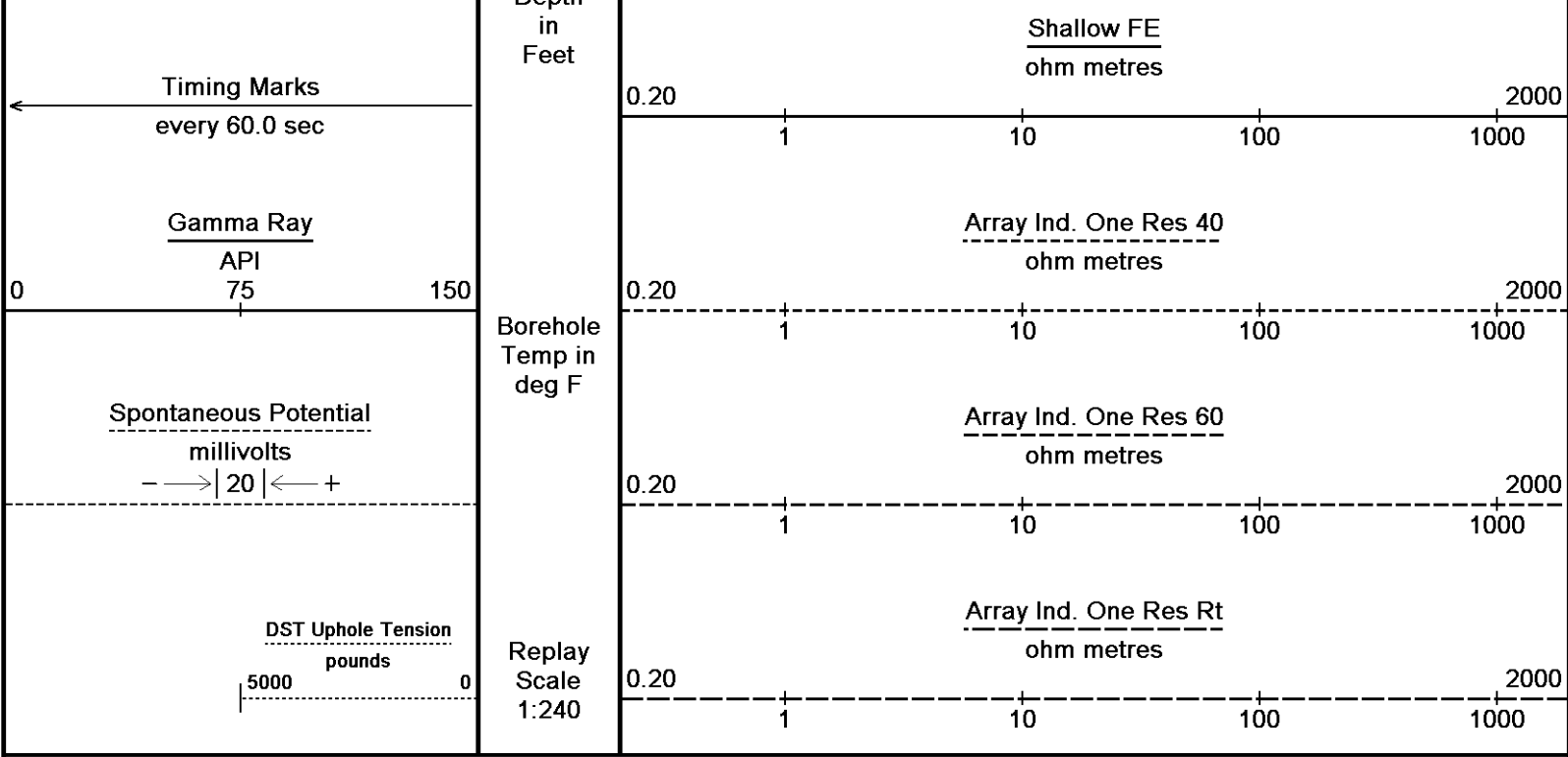
ohm metres
0.20 1 10 100 2000

Array Ind. One Res Rt
ohm metres
0.20 1 10 100 2000

0.20 1 10 100 2000







Depth Based Data - Maximum Sampling Increment 10.0cm Plotted on 18-JAN-2012 14:48
 Filename: C:\DOCUME~1\SchefFJL\LOCALS~1\Temp\Weatherford Pr...Redland Brynn # 9-15_001.dta Recorded on 03-SEP-2011 01:53
 System Versions: Logged with 11.03.4044 Plotted with 12.01.3513

↑ REPEAT SECTION ↑

BEFORE SURVEY CALIBRATION
 C:\DOCUME~1\SchefFJL\LOCALS~1\Temp\Weatherford PreView\0\Redland Brynn # 9-15_002.dta

General Constants All 000 Last Edited on 03-SEP-2011 02:17

General Parameters		
Mud Resistivity	0.450	ohm-metres
Mud Resistivity Temperature	90.000	degrees F
Water Level	0.000	feet
Density/Neutron 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	4.500	inches
Caliper for Differential Caliper	Density Caliper	
Rwa Parameters		
Porosity used	Base Density Porosity	
Resistivity used	Array Ind. One Res Rt	
RWA Constant A	0.610	
RWA Constant M	2.150	

Down-hole Tension Calibration SMS 0 Field Calibration on 28-JUL-2011 17:55

Reading No	Measured	Calibrated (lbs)
1	12257.67	0.00
2	13806.99	650.00

Gamma Calibration MCG-B 39 Field Calibration on 30-AUG-2011 15:55

	Measured	Calibrated (API)
Background	69	46
Calibrator (Gross)	751	502
Calibrator (Net)	682	456

Gamma Constants MCG-B 39 Last Edited on 02-SEP-2011 13:07

Gamma Calibrator Number	grc141	
Mud Density	1.13	gm/cc
Caliper Source for Processing	Density Caliper	
Tool Position	Eccentred	
Concentration of KCl	0.00	kppm

SP Calibration MCG-B 39

Field Calibration on 12-AUG-2011 22:38

	Measured	Calibrated (mV)
Reference 1	106.3	100.0
Reference 2	-96.0	-100.0

High Resolution Temperature Calibration MCG-B 39

Field Calibration on 12-AUG-2011 22:38

	Measured	Calibrated(Deg F)
Lower	0.00	0.00
Upper	0.00	0.00

High Resolution Temperature Constants MCG-B 39

Last Edited on 25-JUL-2011 15:38

Pre-filter Length 11

Micro Normal and Micro Inverse Calibration MML-A 9

Base Calibration on 25-JUL-2011 15:19

Field Check on 30-AUG-2011 15:50

Base Calibration

		Measured	Calibrated (ohm-m)	
Channel	Resistor 1	Resistor 2	Resistor 1	Resistor 2
Micro Normal	12.1	59.7	2.6	12.8
Micro Inverse	15.6	77.9	1.7	8.4

Channel	Base Check (ohm-m)	Field Check (ohm-m)
Micro Normal	32.4	32.4
Micro Inverse	16.4	16.4

Micro Normal and Micro Inverse Constants MML-A 9

Last Edited on 03-SEP-2011 02:17

Pad Type 8-12 in Soft Rubber Inflatable 006-9011-159

Micro Normal K Factor	0.5110
Micro Inverse K Factor	0.3380
Standoff Offset	N/A inches

Caliper Calibration MML-A 9

Base Calibration on 25-JUL-2011 15:15

Field Calibration on 30-AUG-2011 15:48

Base Calibration

Reading No	Measured	Calibrator Size (in)
1	14873	5.98
2	18342	7.97
3	21621	9.86
4	25326	11.92
5	0	0.00
6	N/A	N/A

Field Calibration

Measured Caliper (in)	Actual Caliper (in)
5.98	5.98

Neutron Calibration MDN-A.B 39

Base Calibration on 25-JUL-2011 16:27

Field Check on 30-AUG-2011 16:09

Base Calibration

	Measured		Calibrated (cps)	
	Near	Far	Near	Far
	2945	93	3714	110
Ratio	31.807		33.764	

Field Calibrator at Base

Calibrated (cps)
2258 3233
Ratio 0.698

Field Check

Calibrated (cps)
2073 3255
Ratio 0.637

Neutron Constants MDN-A.B 39

Last Edited on 03-SEP-2011 02:18

Neutron Source Id	N1095	
Neutron Jig Number	NECD117	
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
Formation Fluid Salinity Source	Constant Value	
Formation Fluid Salinity	0.00	kppm
Barite Mud Correction	Not Applied	

FE Calibration MFE-A.A 67

Base Calibration on 25-JUL-2011 15:26

Field Check on 30-AUG-2011 15:39

Base Calibration

	Measured	Calibrated (ohm-m)
Reference 1	0.0	0.0
Reference 2	960.8	126.8
Base Check		280.7
Field Check		280.7

FE Constants MFE-A.A 67

Last Edited on 03-SEP-2011 02:18

Running Mode	No Sleeve	
MFE K Factor	0.1268	
Caliper Source for FE correction	Density Caliper	
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

High Resolution Temperature Calibration MAI-A.A 188

Field Calibration on 12-AUG-2011 22:41

	Measured	Calibrated(Deg F)
Lower	32.00	32.00
Upper	68.00	68.00

High Resolution Temperature Constants MAI-A.A 188

Last Edited on 21-JUN-2011 20:05

Pre-filter Length 11

Induction Calibration MAI-A.A 188

Base Calibration on 25-JUL-2011 15:59

Field Check on 30-AUG-2011 15:37

Base Calibration

Test Loop Calibration		Measured		Calibrated (mmho/m)	
Channel	Low	High	Low	High	
1	16.5	472.3	9.3	966.2	
2	6.0	378.3	7.6	821.4	
3	3.5	260.7	5.2	566.0	
4	1.1	135.1	2.6	279.2	

Array Temperature 82.2 Deg F

Channel	Base Check (mmho/m)		Field Check (mmho/m)	
	Low	High	Low	High
1	0.0	0.0	15.6	3846.3
2	0.0	0.0	31.1	3566.9
3	0.0	0.0	28.5	3038.2
4	0.0	0.0	20.9	2036.9
Deep	0.0	0.0	18.1	1921.8
Medium	0.0	0.0	40.3	4051.8
Shallow	0.0	0.0	45.8	5358.2

Array Temperature 0.0 88.2 Deg F

Induction Model	RtAP-WBM		
Caliper for Borehole Corr.	Density Caliper		
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	45.00	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		

Caliper Calibration MPD-B 64

Base Calibration on 17-AUG-2011 11:32
Field Calibration on 30-AUG-2011 15:41

Base Calibration			
Reading No	Measured	Calibrator Size (in)	
1	12448	3.99	
2	20960	5.98	
3	29519	7.97	
4	37920	9.86	
5	47152	11.92	
6	N/A	N/A	
Field Calibration			
	Measured Caliper (in)	Actual Caliper (in)	
	5.96	5.98	

Photo Density Calibration MPD-B 64

Base Calibration on 17-AUG-2011 11:49
Field Check on 30-AUG-2011 15:47

Density Calibration				
Base Calibration				
	Measured	Calibrated (sdu)		
	Near	Far	Near	Far
Reference 1	59462	30873	59556	30836
Reference 2	23795	2766	24941	2541
Field Check at Base				
	1214.8	1407.4		
Field Check				
	1209.6	1414.0		

PE Calibration

Base Calibration	Measured	Calibrated	Ratio	Ratio
Background	220	1086		
Reference 1	22916	59258	0.390	0.371
Reference 2	6604	23658	0.283	0.272

Field Check at Base
220.4 1086.2

Field Check
220.4 1080.4

Density Constants MPD-B 64

Last Edited on 02-SEP-2011 13:08

Density Source Id P57072B
 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 1.13 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 (ft)
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
0.00	0.00

DOWNHOLE EQUIPMENT

C:\DOCUME~1\SchefFJL\LOCALS~1\Temp\Weatherford PreView0\Redland Brynn # 9-15_002.dta

Compact Comms Gamma
MCG-B 39 LG: 8.70 ft WT: 63.9 lb OD: 2.24 in

Compact Comms Gamma
MCG-B 39 LG: 8.70 ft WT: 63.9 lb OD: 2.24 in

Compact Micro-log
MML-A 9 LG: 7.97 ft WT: 81.6 lb OD: 2.24 in

Compact Micro-log
MML-A 9 LG: 7.97 ft WT: 81.6 lb OD: 2.24 in

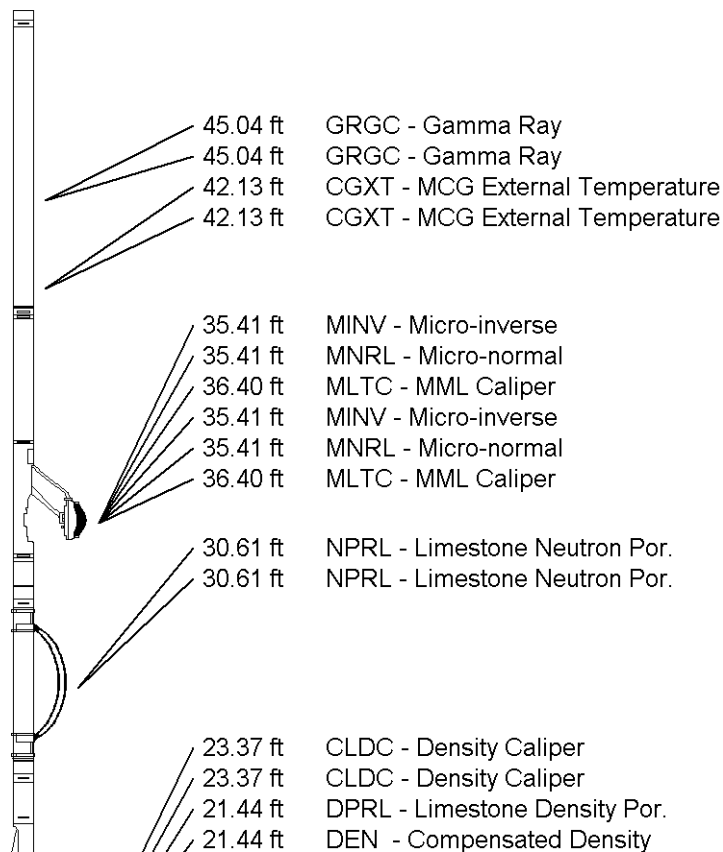
Compact Neutron
MDN-A.B 39 LG: 5.04 ft WT: 50.7 lb OD: 2.24 in

Compact Neutron
MDN-A.B 39 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 Density/Caliper
MPD-B 64 LG: 9.59 ft WT: 90.4 lb OD: 2.45 in

SK-I-D A Compact Knuckle Joint



SKJ-D.A 91 LG: 2.17 ft WT: 24.3 lb OD: 2.24 in

SKJ-D.A Compact Knuckle Joint
SKJ-D.A 91 LG: 2.17 ft WT: 24.3 lb OD: 2.24 in

Compact Focussed Electric
MFE-A.A 67 LG: 6.05 ft WT: 48.5 lb OD: 2.24 in

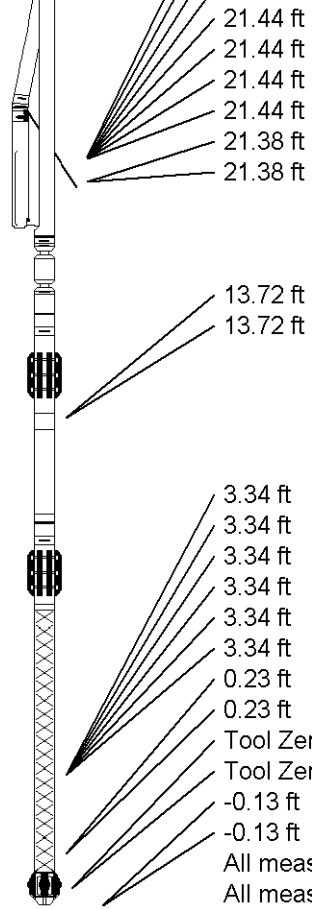
Compact Focussed Electric
MFE-A.A 67 LG: 6.05 ft WT: 48.5 lb OD: 2.24 in

Compact Induction
MAI-A.A 188 LG: 10.81 ft WT: 48.5 lb OD: 2.24 in

Compact Induction
MAI-A.A 188 LG: 10.81 ft WT: 48.5 lb OD: 2.24 in

Total Length: 50.32 ft Weight: 407.9 lb

Total Length: 50.32 ft Weight: 407.9 lb



21.44 ft DCOR - Density Correction
21.44 ft DCOR - Density Correction
21.44 ft DPRL - Limestone Density Por.
21.44 ft DEN - Compensated Density
21.38 ft PDPE - PE
21.38 ft PDPE - PE

13.72 ft FEFE - Shallow FE
13.72 ft FEFE - Shallow FE

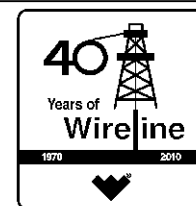
3.34 ft R400 - Array Ind. One Res 40
3.34 ft RTAO - Array Ind. One Res Rt
3.34 ft R400 - Array Ind. One Res 40
3.34 ft R600 - Array Ind. One Res 60
3.34 ft R600 - Array Ind. One Res 60
3.34 ft RTAO - Array Ind. One Res Rt
0.23 ft SPCG - Spontaneous Potential
0.23 ft SPCG - Spontaneous Potential
Tool Zero (0.13ft from bottom)
Tool Zero (0.13ft from bottom)
-0.13 ft SMTU - DST Uphole Tension
-0.13 ft SMTU - DST Uphole Tension
All measurements relative to tool zero.
All measurements relative to tool zero.

COMPANY REDLAND RESOURCES INC.
WELL BRYNN # 9-15
FIELD HARDTNER
PROVINCE/COUNTY BARBER
COUNTRY/STATE U.S.A. / KANSAS

Elevation Kelly Bushing	1409.00	feet	First Reading	5067.00	feet
Elevation Drill Floor	1407.00	feet	Depth Driller	5076.00	feet
Elevation Ground Level	1396.00	feet	Depth Logger	5070.00	feet



**ARRAY INDUCTION
SHALLOW FOCUSED
ELECTRIC LOG**



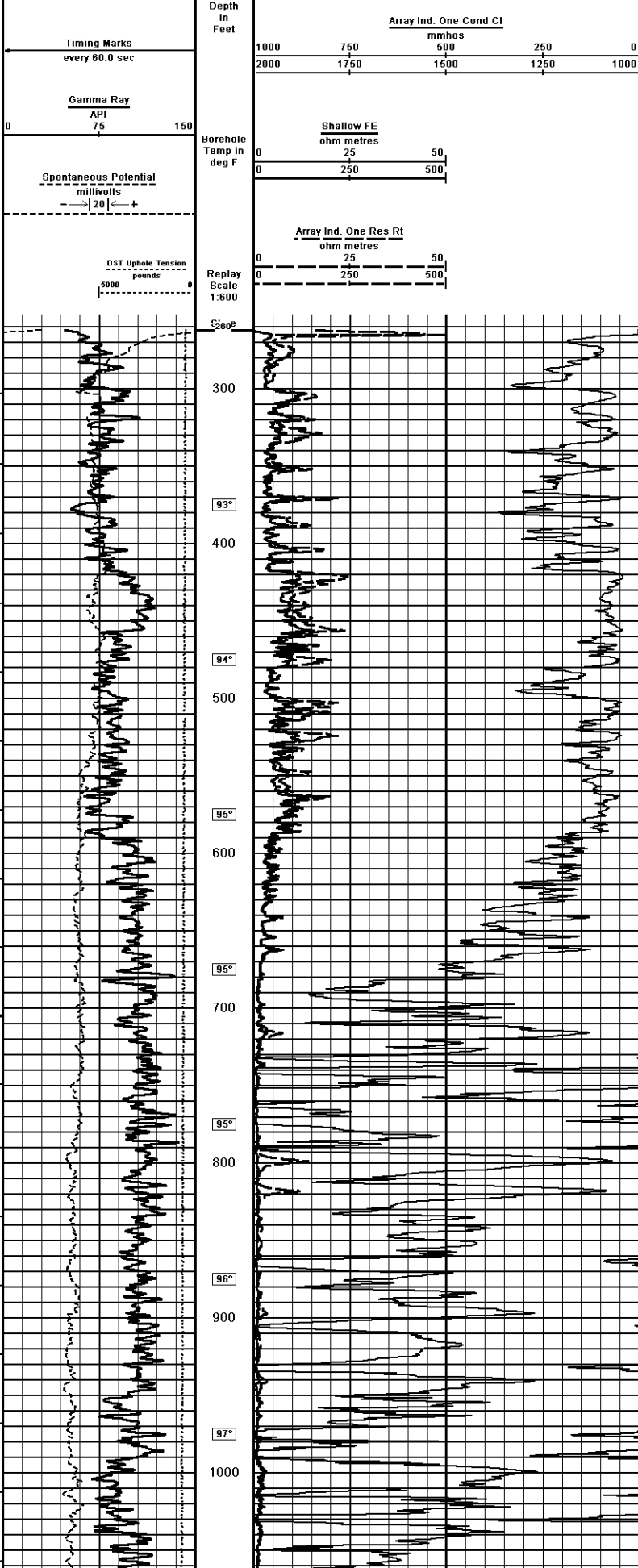
Weatherford		ARRAY INDUCTION SHALLOW FOCUSED ELECTRIC LOG	
COMPANY REDLAND RESOURCES INC.		WELL BRYNN # 9-15	
FIELD HARDTNER		PROVINCE/COUNTY BARBER	
COUNTRY/STATE U.S.A. / KANSAS		LOCATION 680' FSL & 1980' FEL SW/4	
API Number 9	35	ROE 12W	Other Services MML
Permit Number	15-007-23731		
Formation Datum O.L.	Elevation 1386 feet		
Log Measured From ICB	@ 131 FEET		
Drilling Measured From ICB	@ 131 FEET		
Date	03-SEP-2011		
Run Number	ONE		
Depth Driller	5076.00	feet	
Depth Logger	5070.00	feet	
First Reading	5067.00	feet	
Last Reading	282.00	feet	
Casing Driller	282.00	feet	
Casing Logger	282.00	feet	
Bit Size	7.875	inches	
Hole Fluid Type	CHEMICAL		
Density/Viscosity	9.40	lbm/gal	
PH/Fluid Loss	110.50	10.00	ml/30min
Sample Source	FLOWLINE		
Rm @ Measured Temp	0.45	@ 90.0	ohm-m
Rmt @ Measured Temp	0.36	@ 90.0	ohm-m
Rmt @ Measured Temp	0.34	@ 90.0	ohm-m
Source Rmt/Frac	CALC		
Rm @ BHT	0.33	@ 23.0	ohm-m
Time Since Circulation	5 HOURS		
Max Recorded Temp	123.00	deg F	
Equipment Name	COMPACT		
Equipment/Base	13006	LB	
Recorded By	A. GUANBALVO		
Witnessed By	BETH BROCK		
Log #	3531191		
Log #	1811-225		

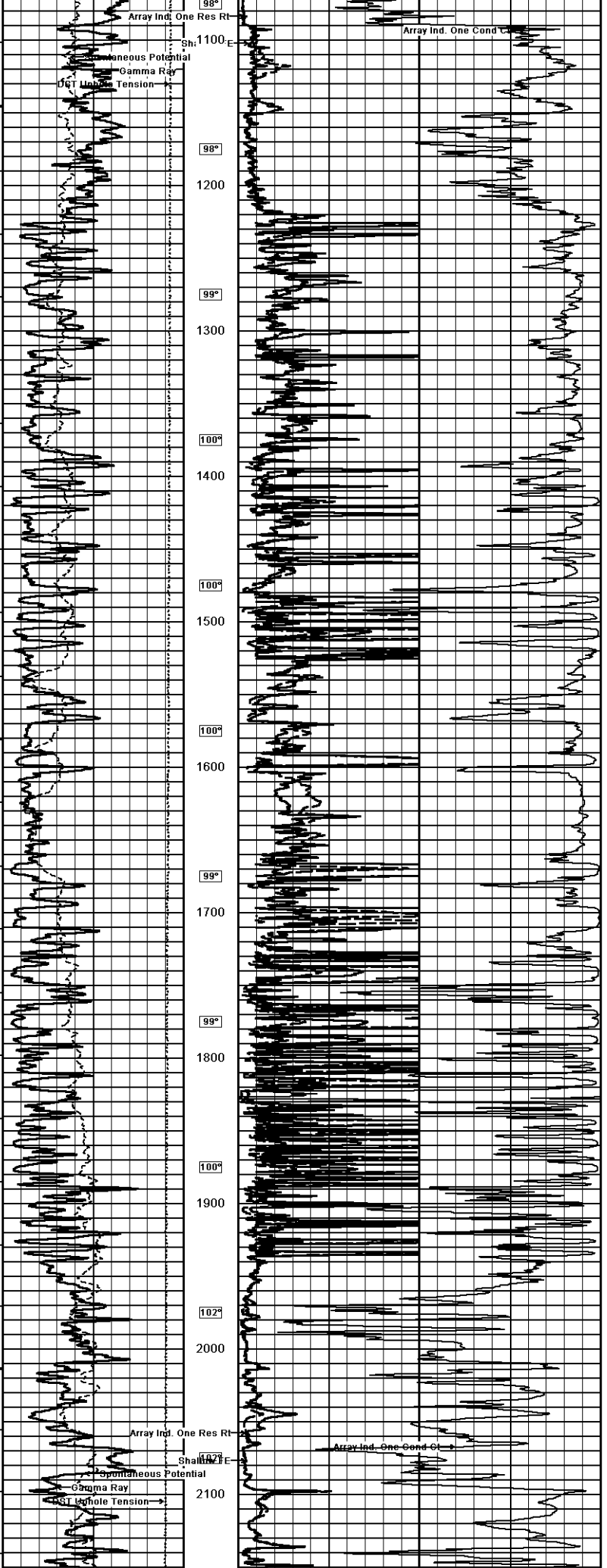
1409.00
1407.00
1398.00

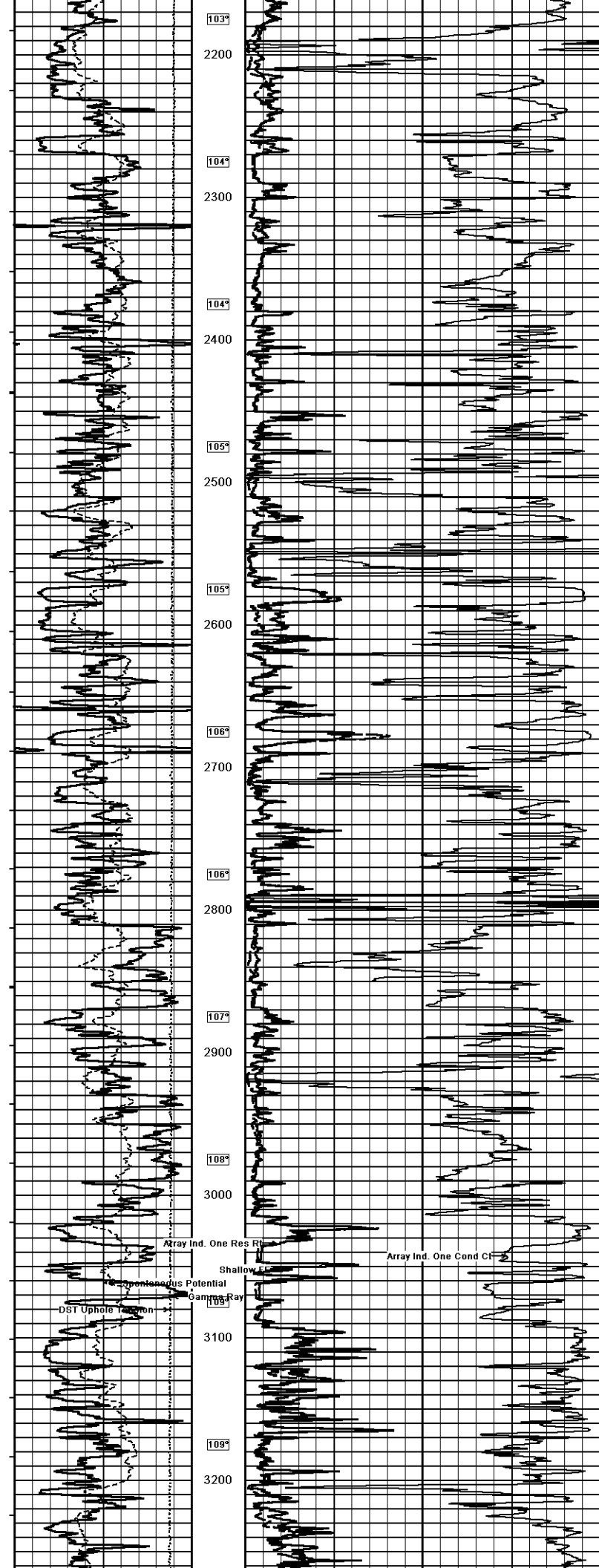


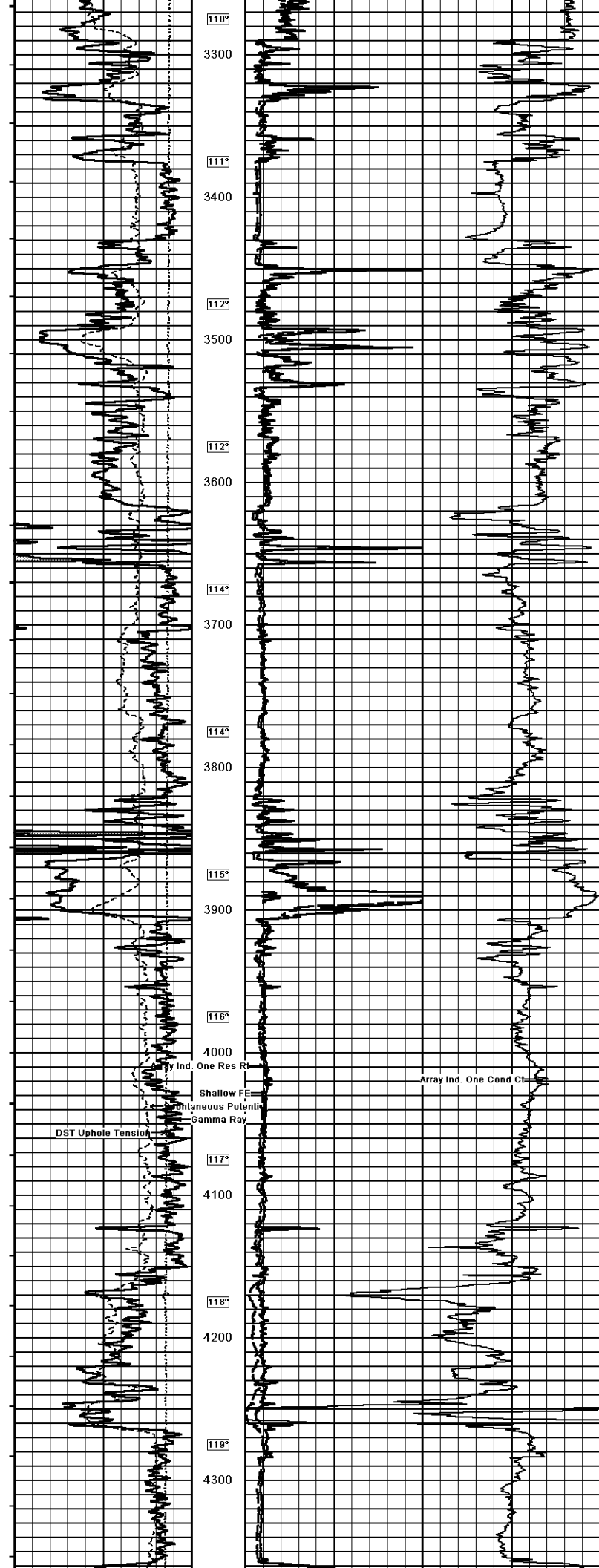
1 INCH MAIN

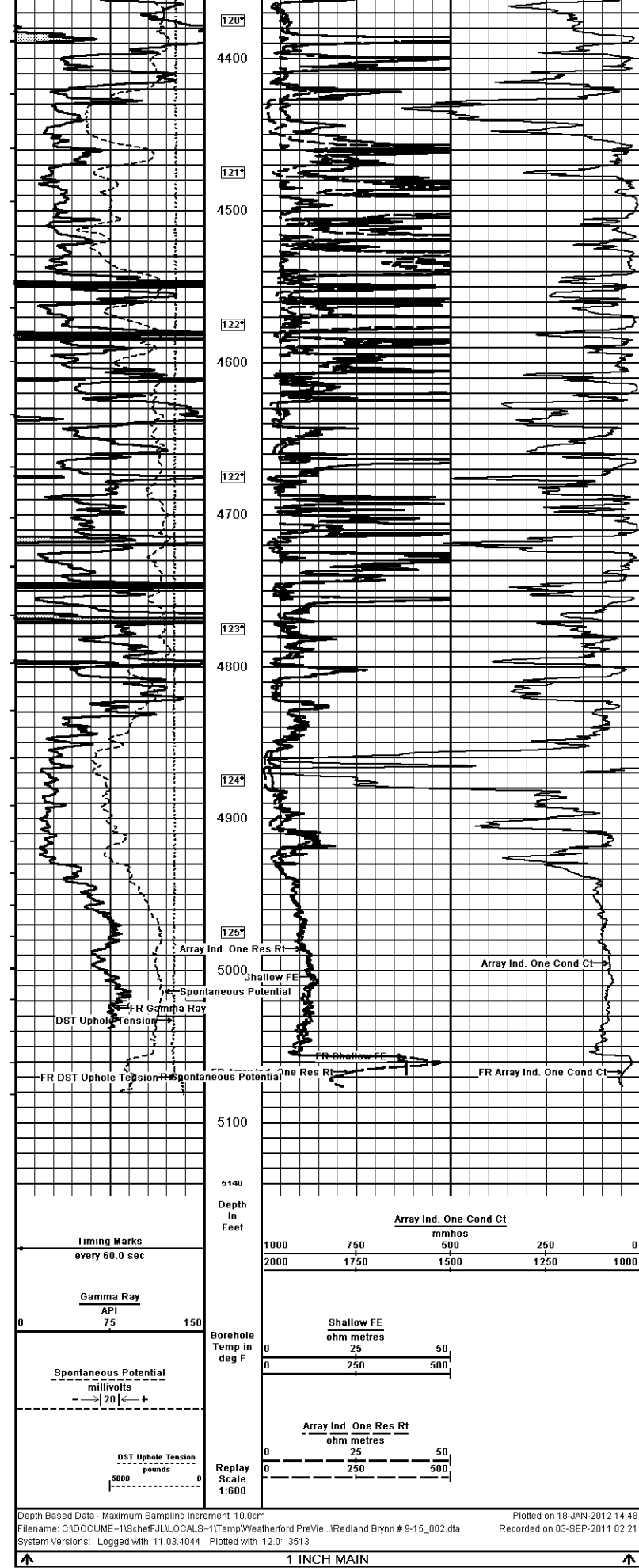
Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 18-JAN-2012 14:48
Filename: C:\DOCUME~1\ScheffJ\L\LOCALS~1\Temp\Weatherford PreView...Redland Brynn # 9-15_002.dta
Recorded on 03-SEP-2011 02:21
System Versions: Logged with 11.03.4044 Plotted with 12.01.3513











COMPANY REDLAND RESOURCES INC.
 WELL BRYNN # 9-15
 FIELD HARDTNER
 PROVINCE/COUNTY BARBER
 COUNTRY/STATE U.S.A. - KANSAS

COUNTRY/STATE U.S.A. / KANSAS

Elevation Kelly Bushing	1409.00	feet	First Reading	5067.00	feet
Elevation Drill Floor	1407.00	feet	Depth Driller	5076.00	feet
Elevation Ground Level	1396.00	feet	Depth Logger	5070.00	feet



ARRAY INDUCTION
SHALLOW FOCUSED
ELECTRIC LOG

