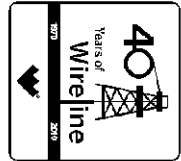




**Weatherford**<sup>®</sup>

**ARRAY INDUCTION  
SHALLOW FOCUSED  
ELECTRIC LOG**

COMPANY **SHAKESPEARE OIL CO., INC.**  
WELL **CARSON #1-25**  
FIELD **WILDCAT**  
PROVINCE/COUNTY **SCOTT**  
COUNTRY/STATE **U.S.A. / KANSAS**  
LOCATION **1540' FNL & 1130' FWL**



SEC **25** TWP **16S** RGE **34W** Other Services  
MPD/MDN  
MSS  
API Number **15-171-20883** MML

Permanant Datum GL, Elevation 3104 feet  
Log Measured From KB  
Drilling Measured From KB  
Date **05-JUN-2012** Elevations: KB 3114.00  
DF 3112.00  
GL 3104.00

Run Number	ONE	
Depth Driller	4880.00	feet
Depth Logger	4882.00	feet
First Reading	4879.00	feet
Last Reading	265.00	feet
Casing Driller	264.00	feet
Casing Logger	265.00	feet
Bit Size	7.875	inches
Hole Fluid Type	CHEMICAL	
Density / Viscosity	9.30 lb/USg	62.00 CP
PH / Fluid Loss	9.50	10.40 ml/30Min
Sample Source	FLOWLINE	
Rm @ Measured Temp	0.46 @ 85.0	ohm-m
Rmf @ Measured Temp	0.37 @ 85.0	ohm-m
Rmc @ Measured Temp	0.55 @ 85.0	ohm-m
Source Rmf / Rmc	CALC	CALC
Rm @ BHT	0.35 @ 113.0	ohm-m
Time Since Circulation	5 HOURS	
Max Recorded Temp	113.00	deg F
Equipment Name	COMPACT	
Equipment / Base	13057	LIB
Recorded By	ADAM SILL	
Witnessed By	TIM PRIEST	
S.O. # / JOB #	3534585	LB12-140

**BOREHOLE RECORD**

Last Edited: 05-JUN-2012 06:15

Bit Size inches	Depth From feet	Depth To feet
7.875	264.00	4880.00

**CASING RECORD**

Type	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft
SURFACE	8.625	0.00	264.00	24.00

**REMARKS**

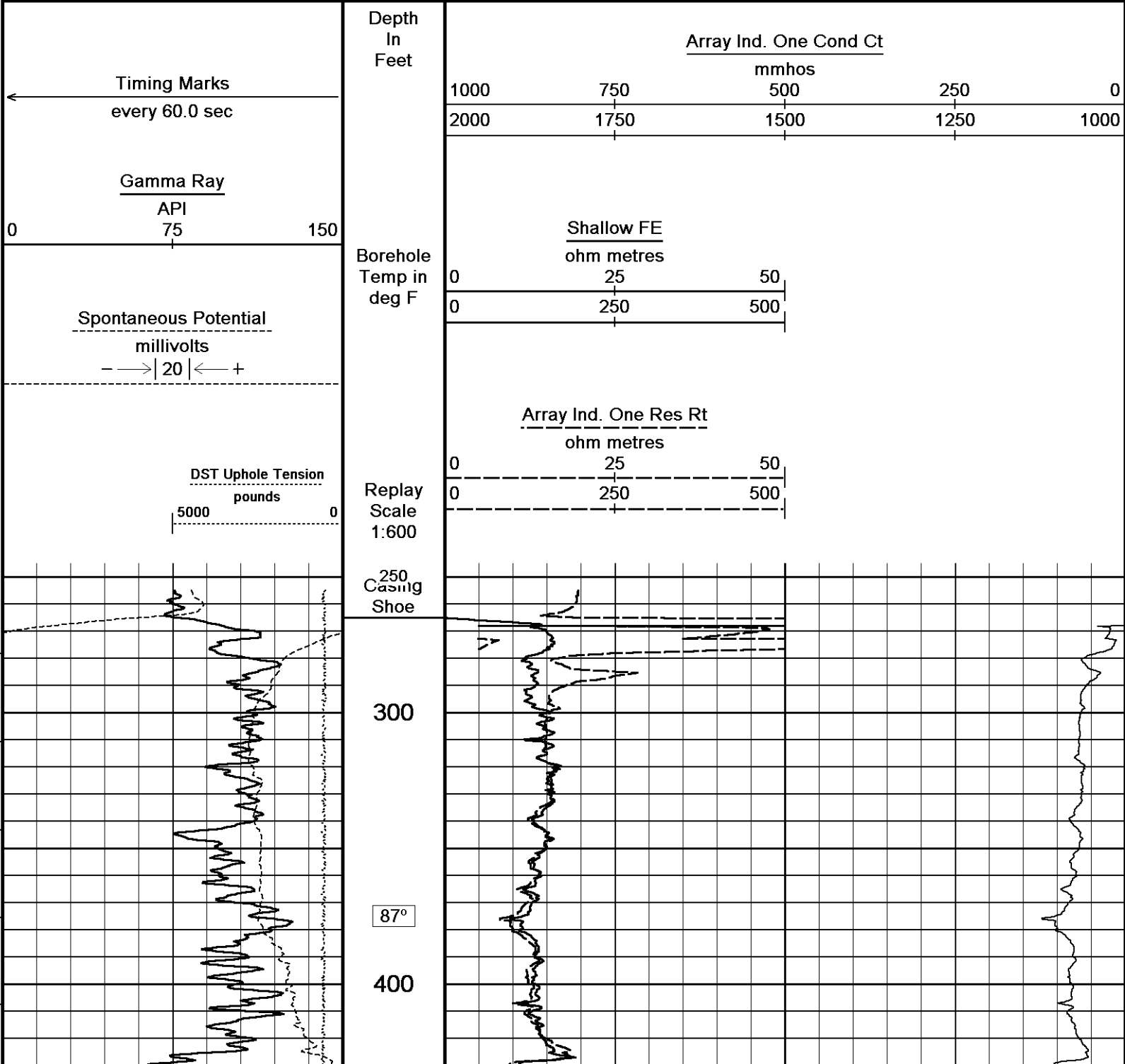
- SOFTWARE ISSUE: WLS 11.03.4044.
- MCG, MML, MDN, MPD, MFE, MSS, MAI RAN IN COMBINATION.
  - HARDWARE: DUAL BOWSPRING USED ON MDN.
  - 0.5 INCH STANDOFF USED ON MAI.
  - TWO 0.5 INCH STANDOFFS USED ON MSS.
  - 0.5 INCH STANDOFF USED ON MFE.
- 2.71 G/CC LIMESTONE DENSITY MATRIX USED TO CALCULATE POROSITY.
- BOREHOLE RUGOSITY, TIGHT PULLS, AND WASHOUTS WILL AFFECT DATA QUALITY.
- ALL INTERVALS LOGGED AND SCALED PER CUSTOMER'S REQUEST.
- TOTAL HOLE VOLUME: 445 CU.FT.
- ANNULAR HOLE VOLUME WITH 5.5 INCH CASING: 255 CU. FT.

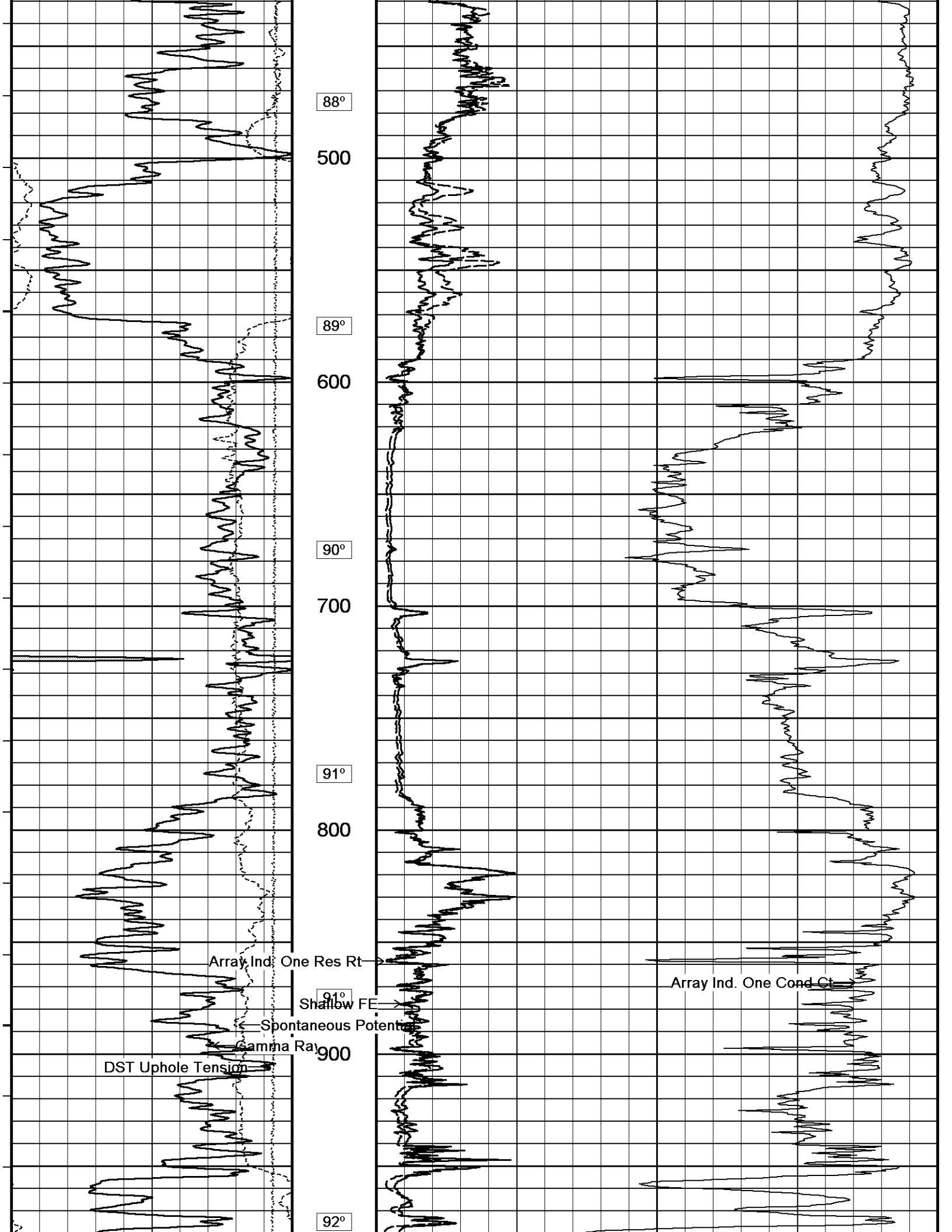
- SERVICE ORDER # 3534585.  
 - RIG: H-D DRILLING #2  
 - ENGINEER: A. SILL.  
 - OPERATOR(S): B. REEVES.

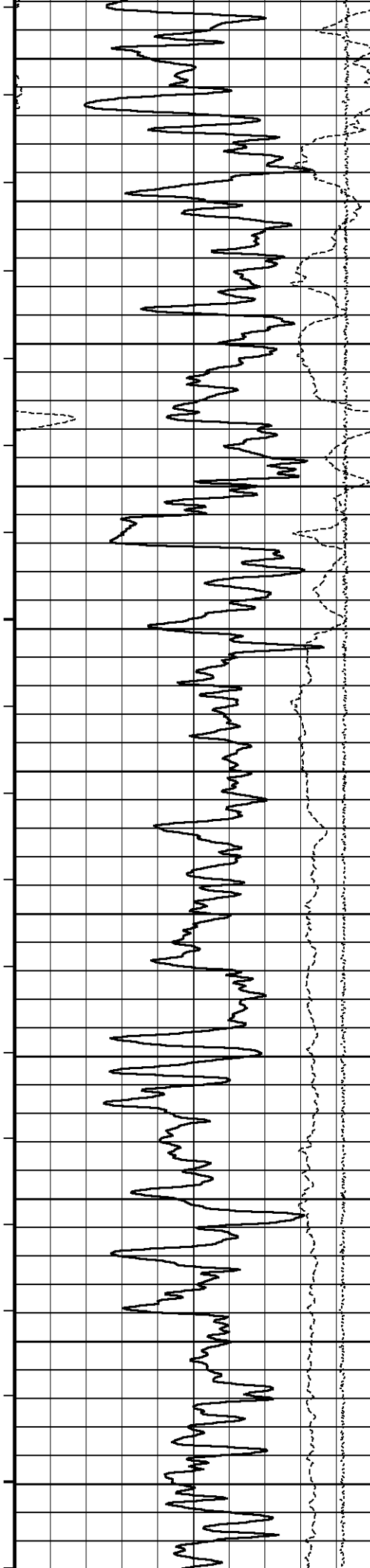
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, 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 PASS**

Depth Based Data - Maximum Sampling Increment 10.0cm Plotted on 05-JUN-2012 11:30  
 Filename: C:\Minimus 11.03.4044\Data\Shakespeare Carson #1-25\Shakespeare Carson #1-25\_002.dta Recorded on 05-JUN-2012 08:07  
 System Versions: Logged with 11.03.4044 Plotted with 11.03.4044







1000

93°

1100

94°

1200

94°

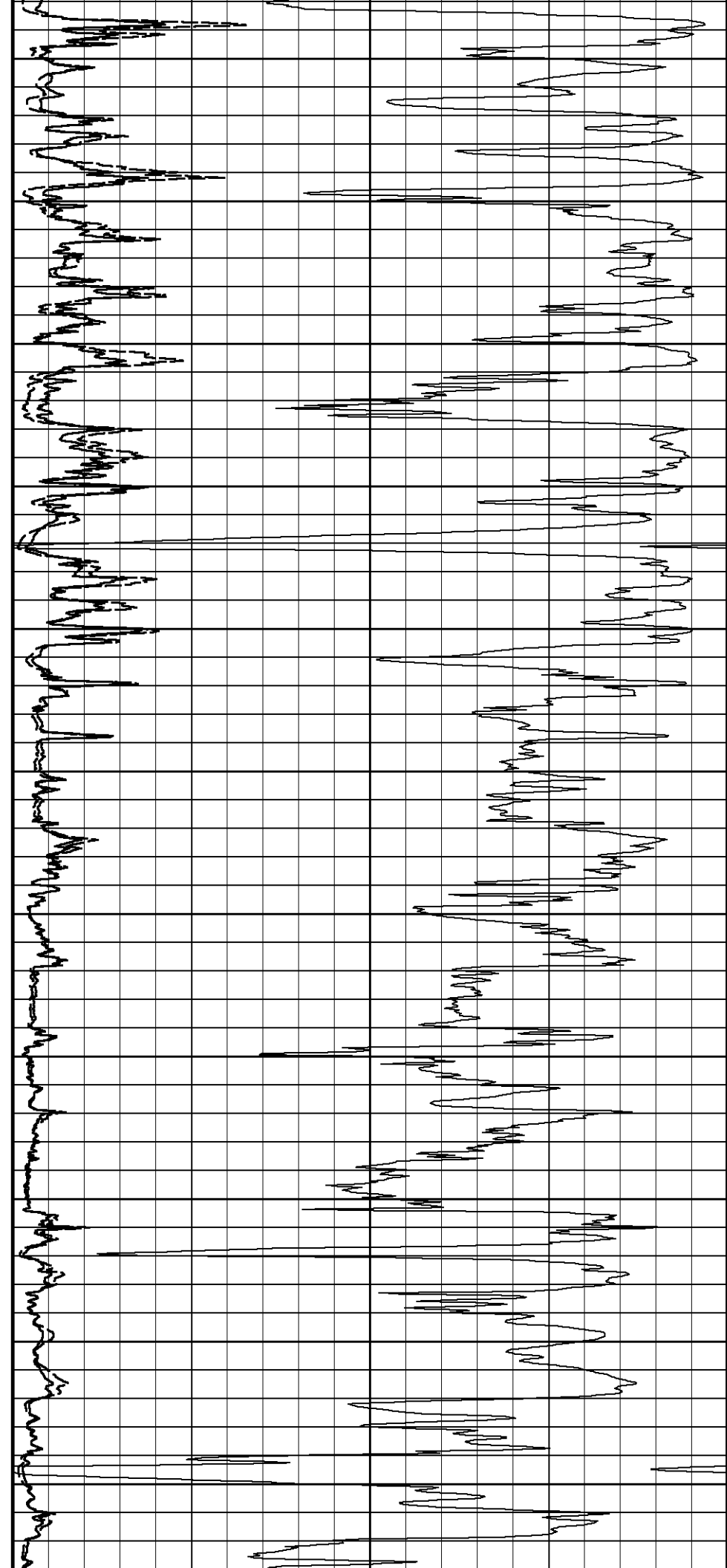
1300

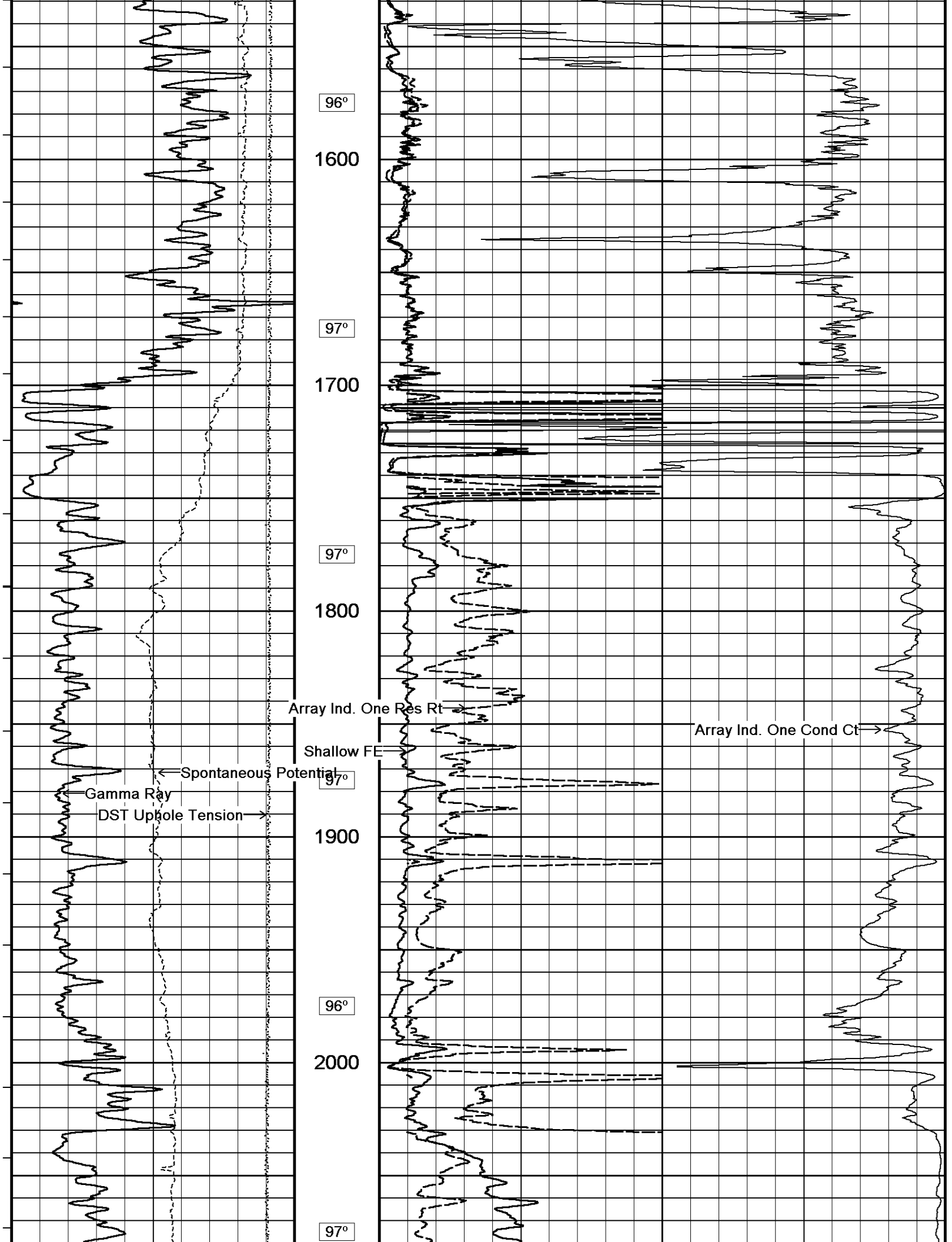
95°

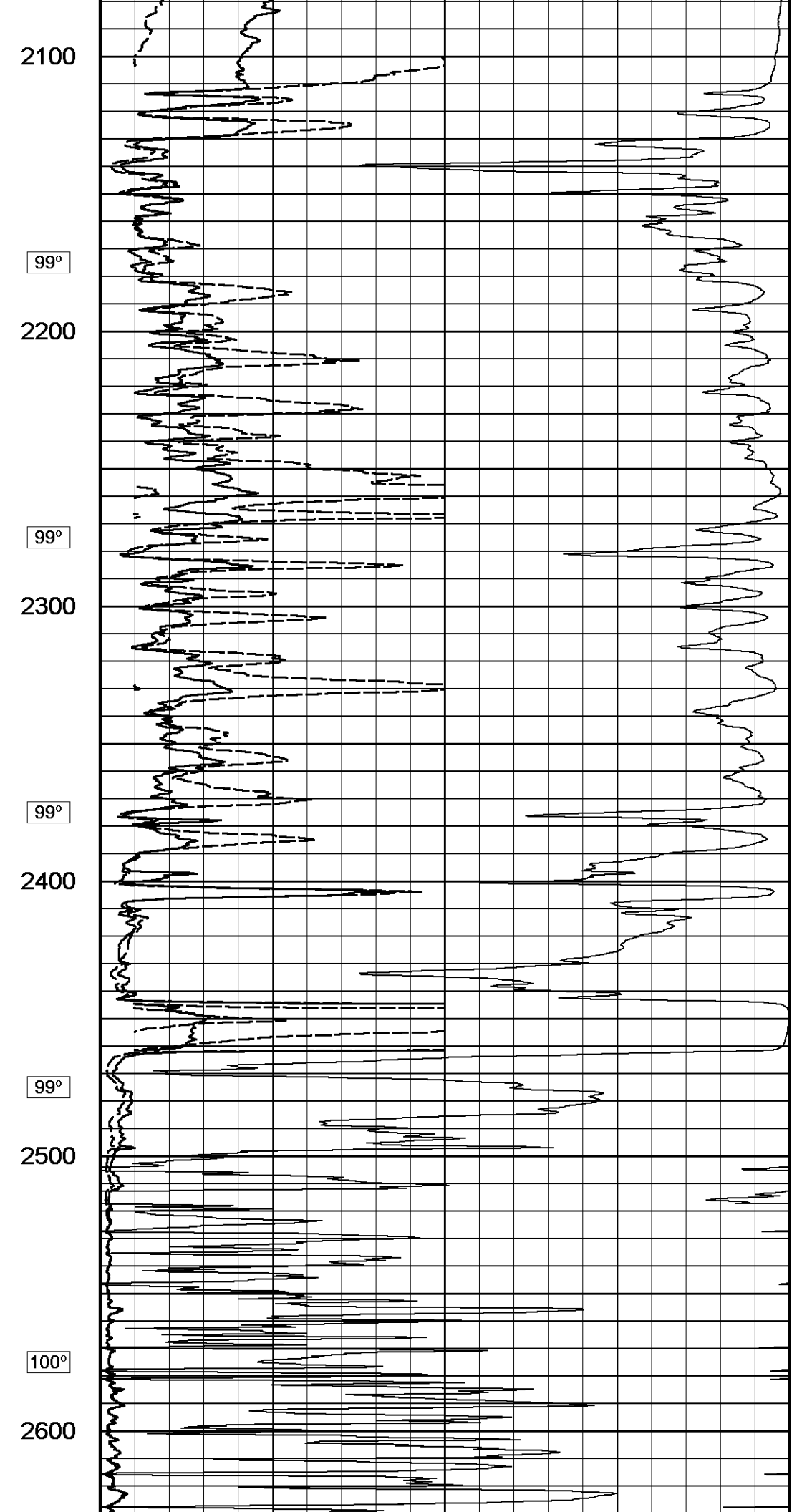
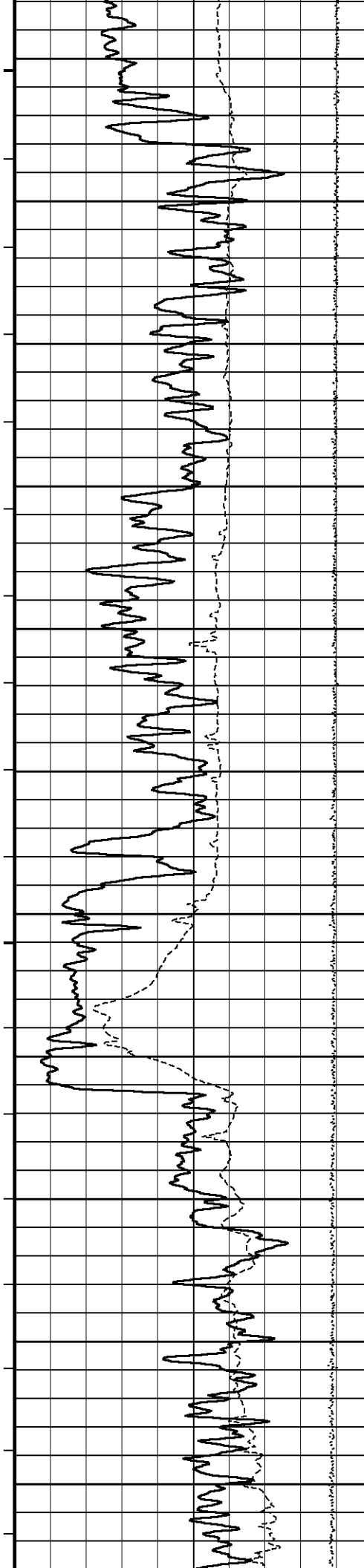
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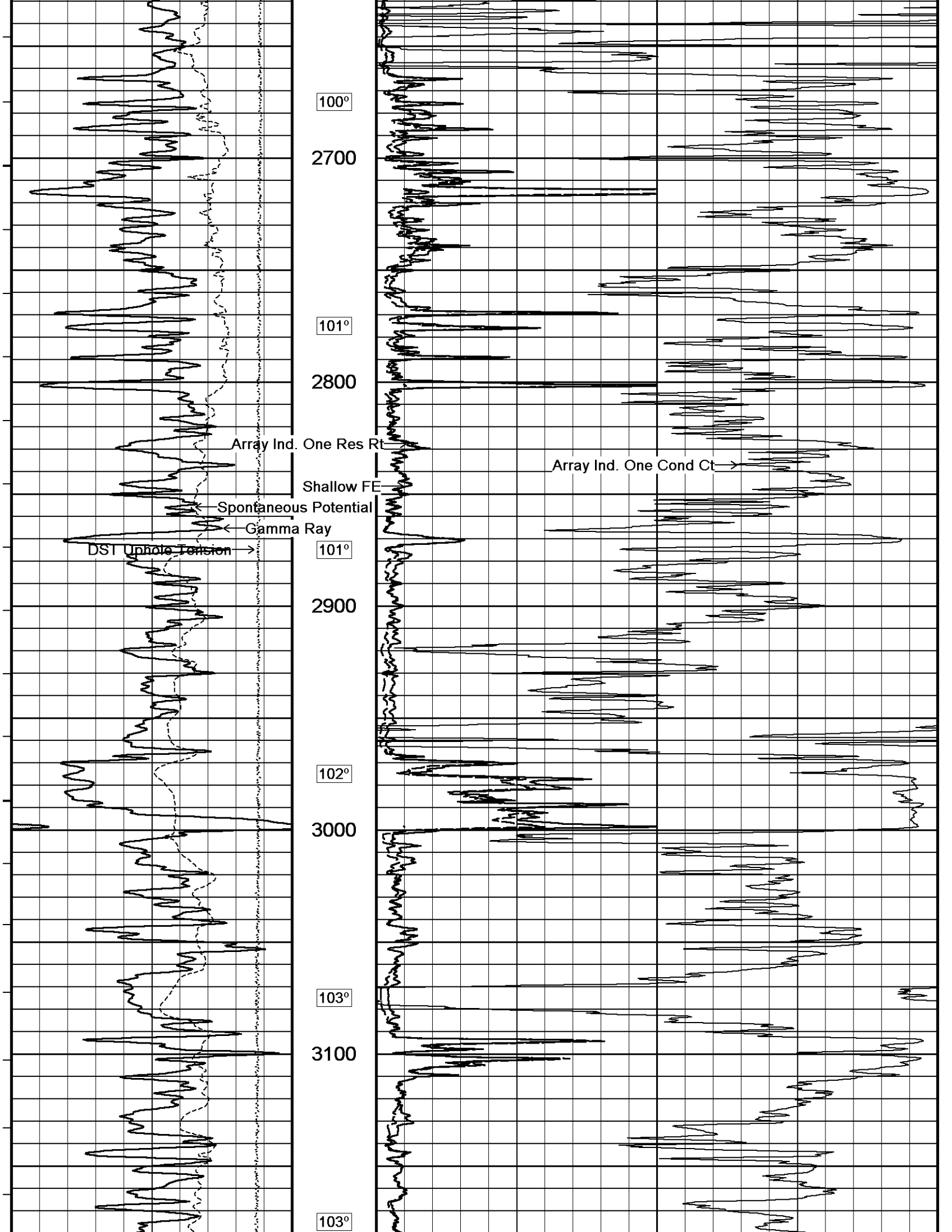
95°

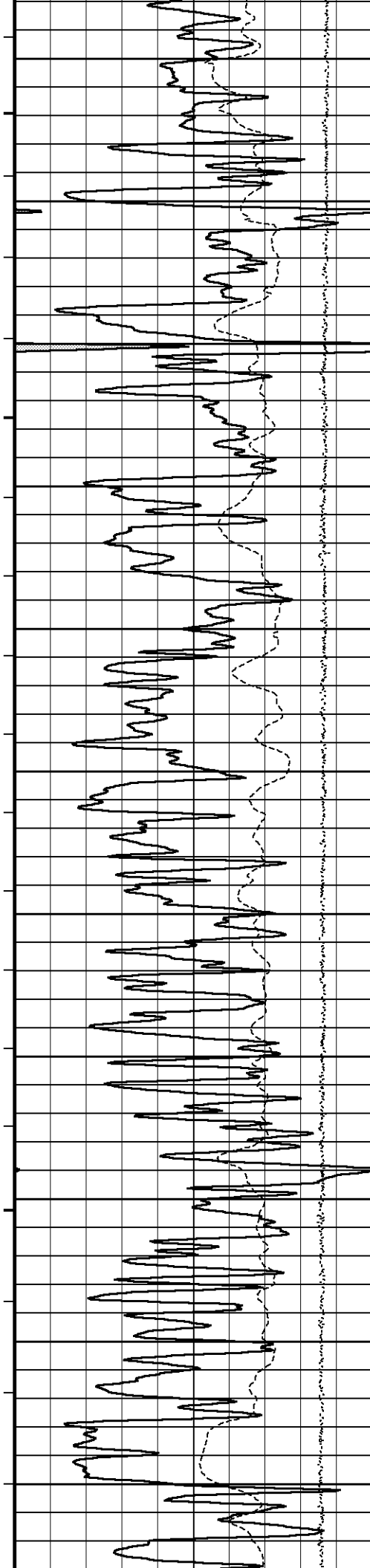
1500











3200

104°

3300

104°

3400

105°

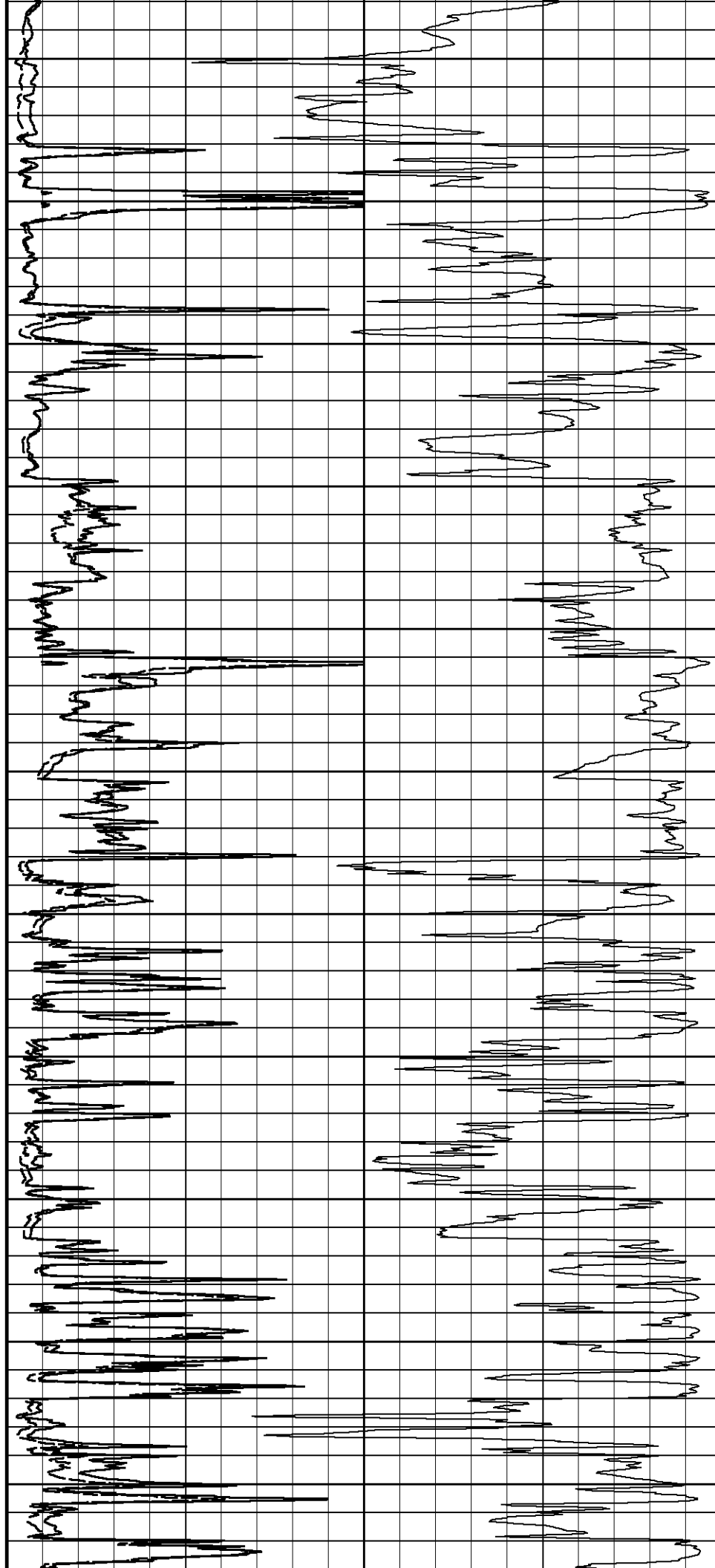
3500

105°

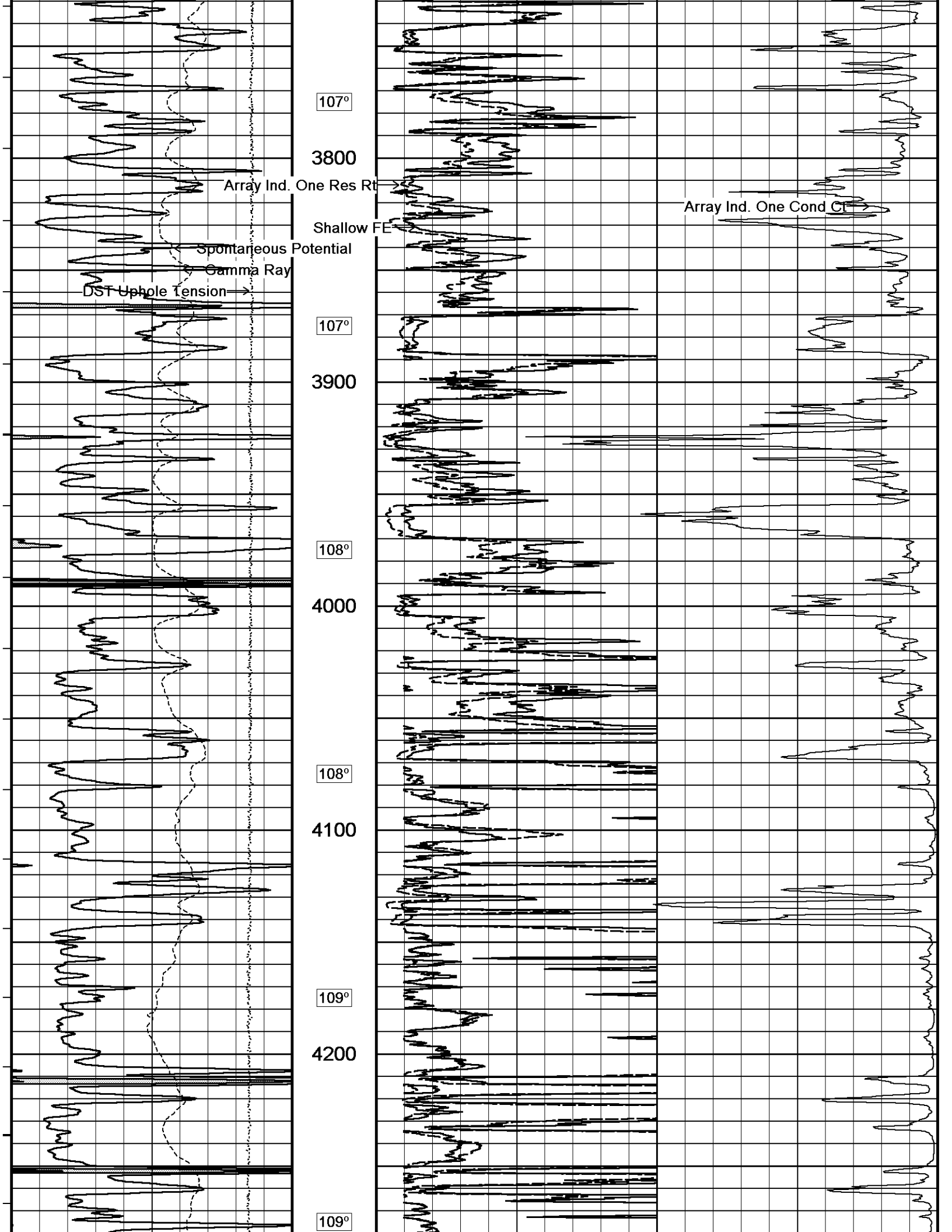
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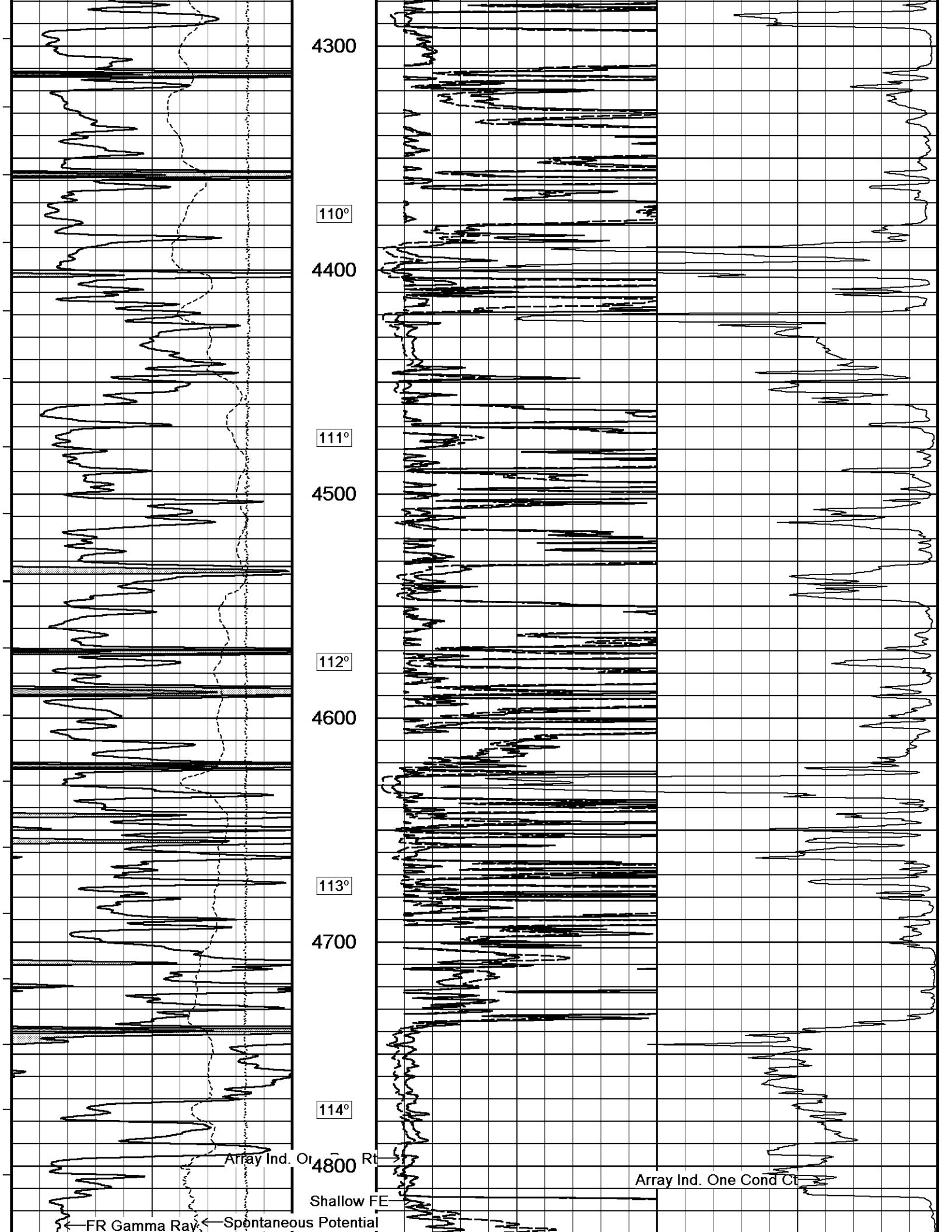
106°

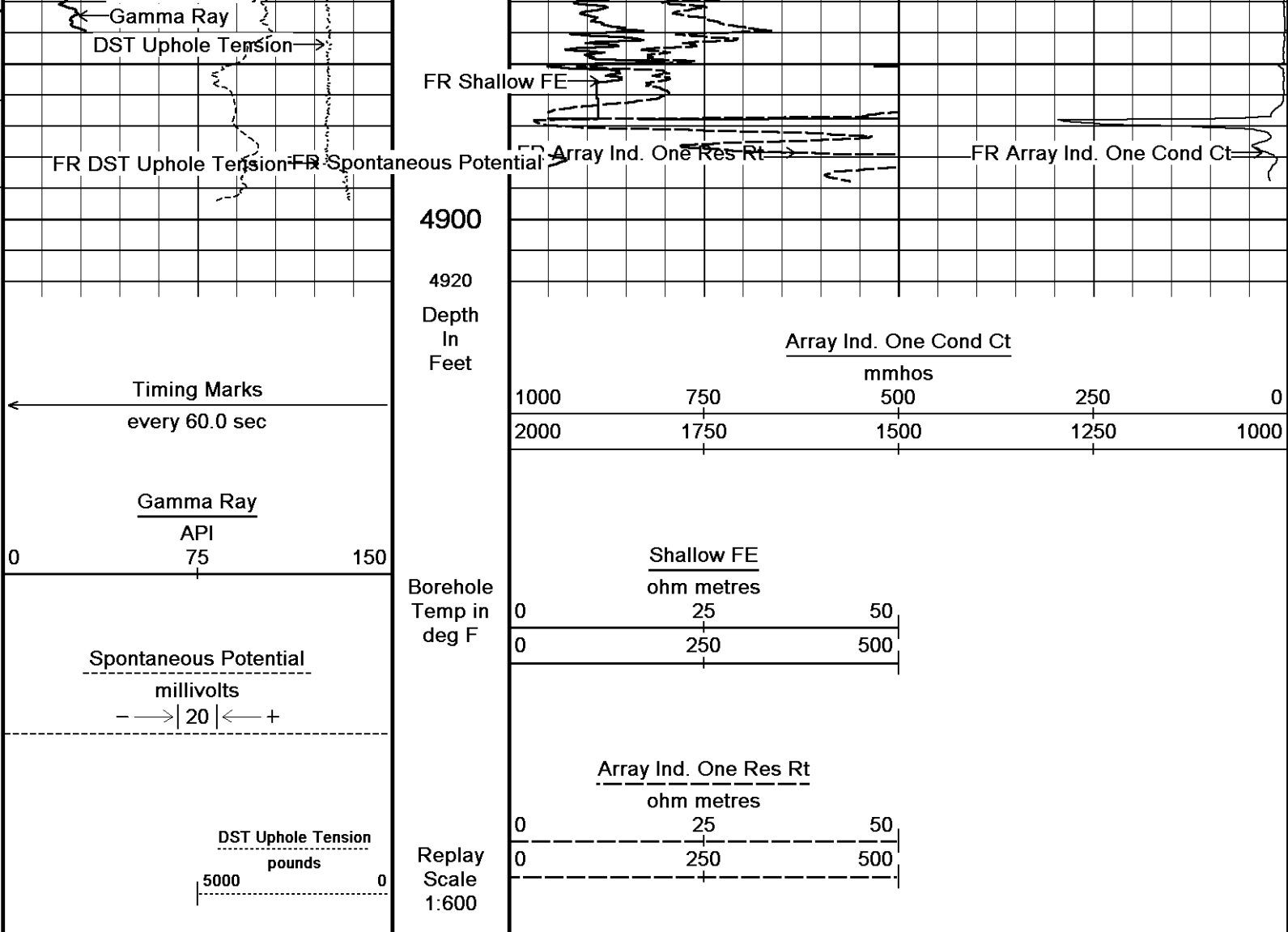
3700







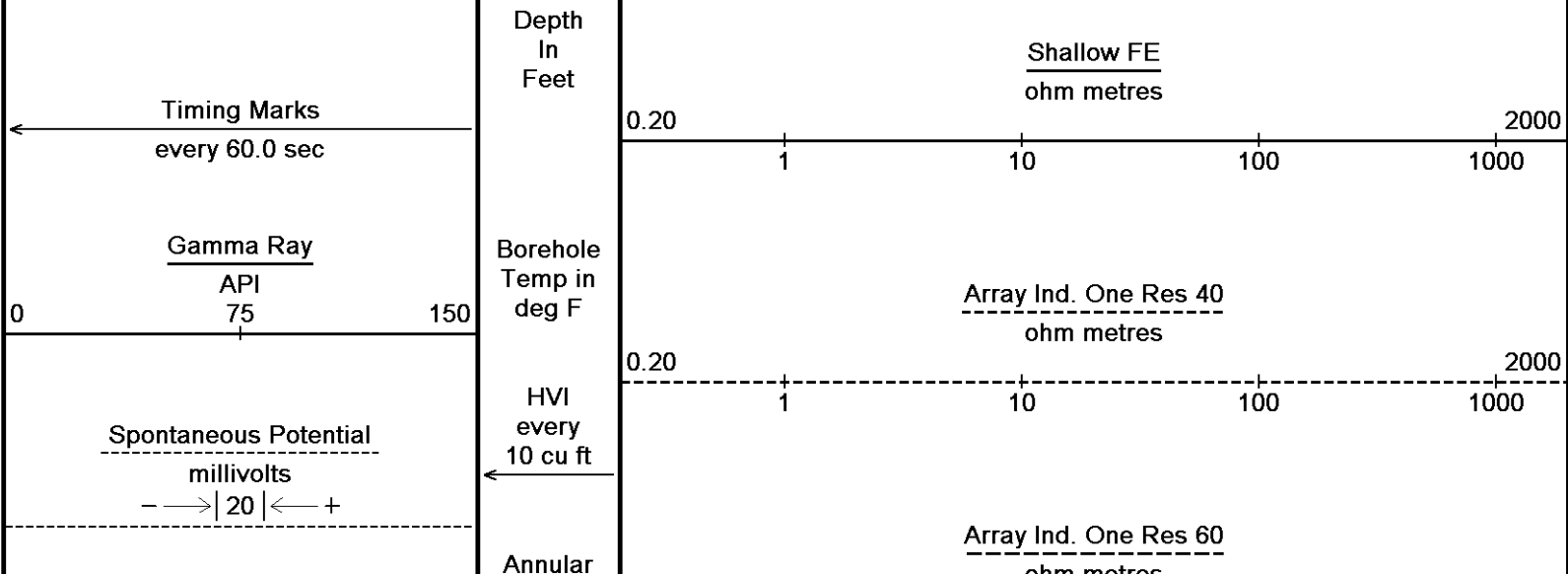


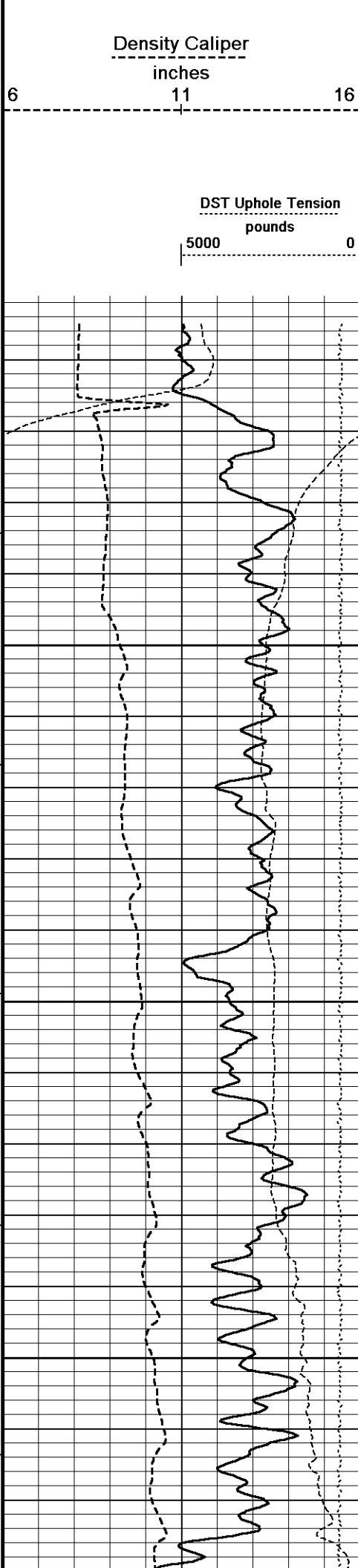


↑ 2 INCH MAIN PASS ↑

↓ 5 INCH MAIN PASS ↓

Depth Based Data - Maximum Sampling Increment 10.0cm  
 Plotted on 05-JUN-2012 11:30  
 Filename: C:\Minimus 11.03.4044\Data\Shakespeare Carson #1-25\Shakespeare Carson #1-25\_002.dta  
 Recorded on 05-JUN-2012 08:07  
 System Versions: Logged with 11.03.4044 Plotted with 11.03.4044





Integral every  
10 cu ft

Replay  
Scale  
1:240

254  
Casing  
Shoe

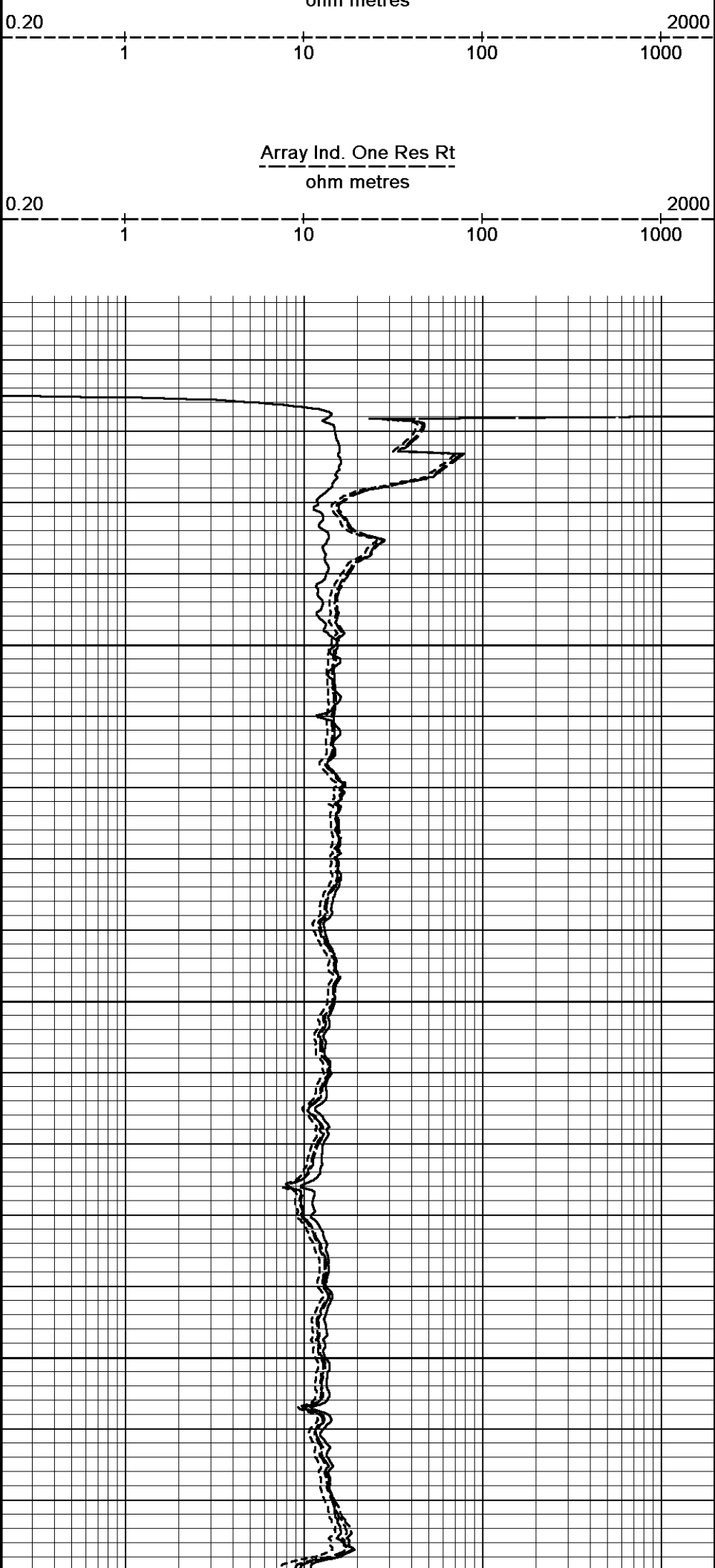
300

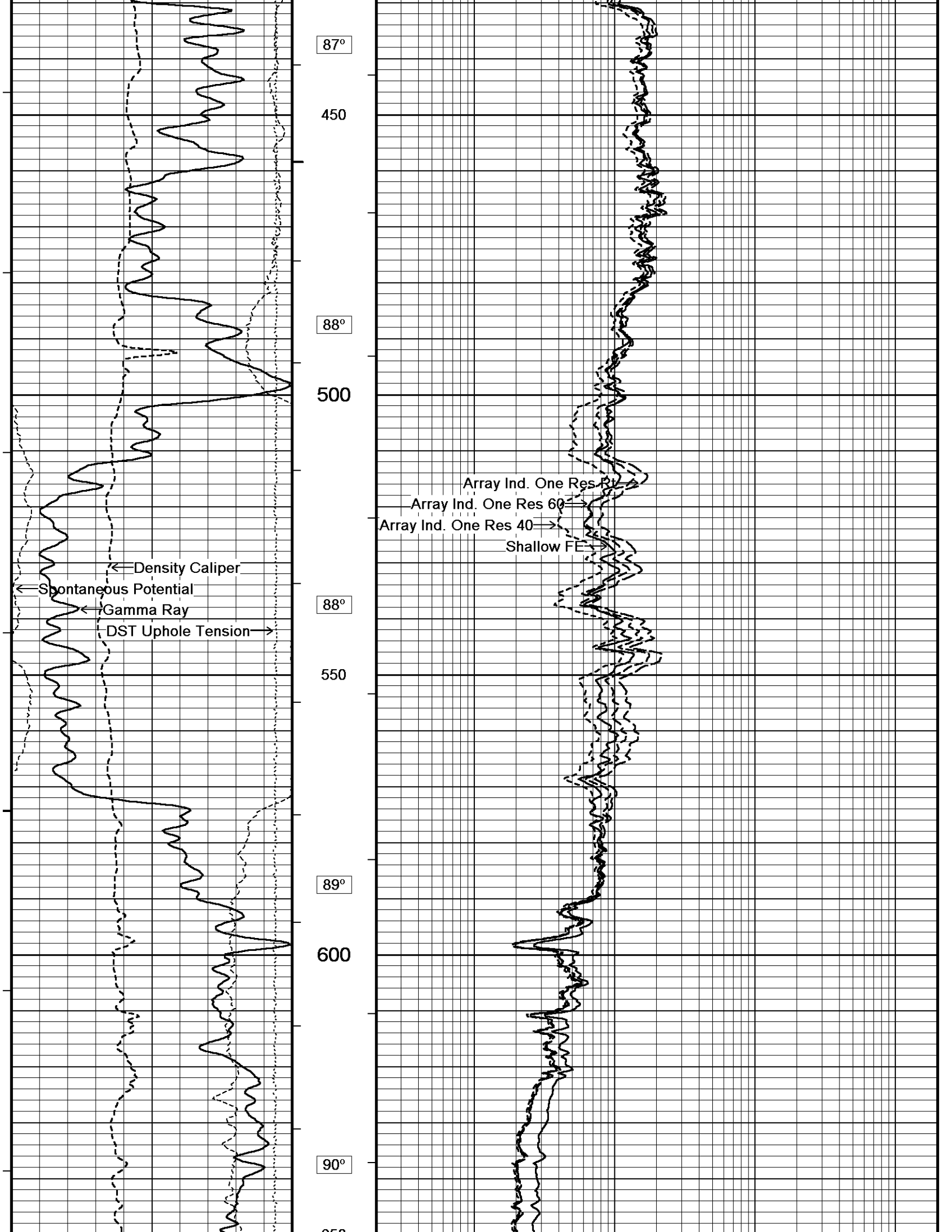
87°

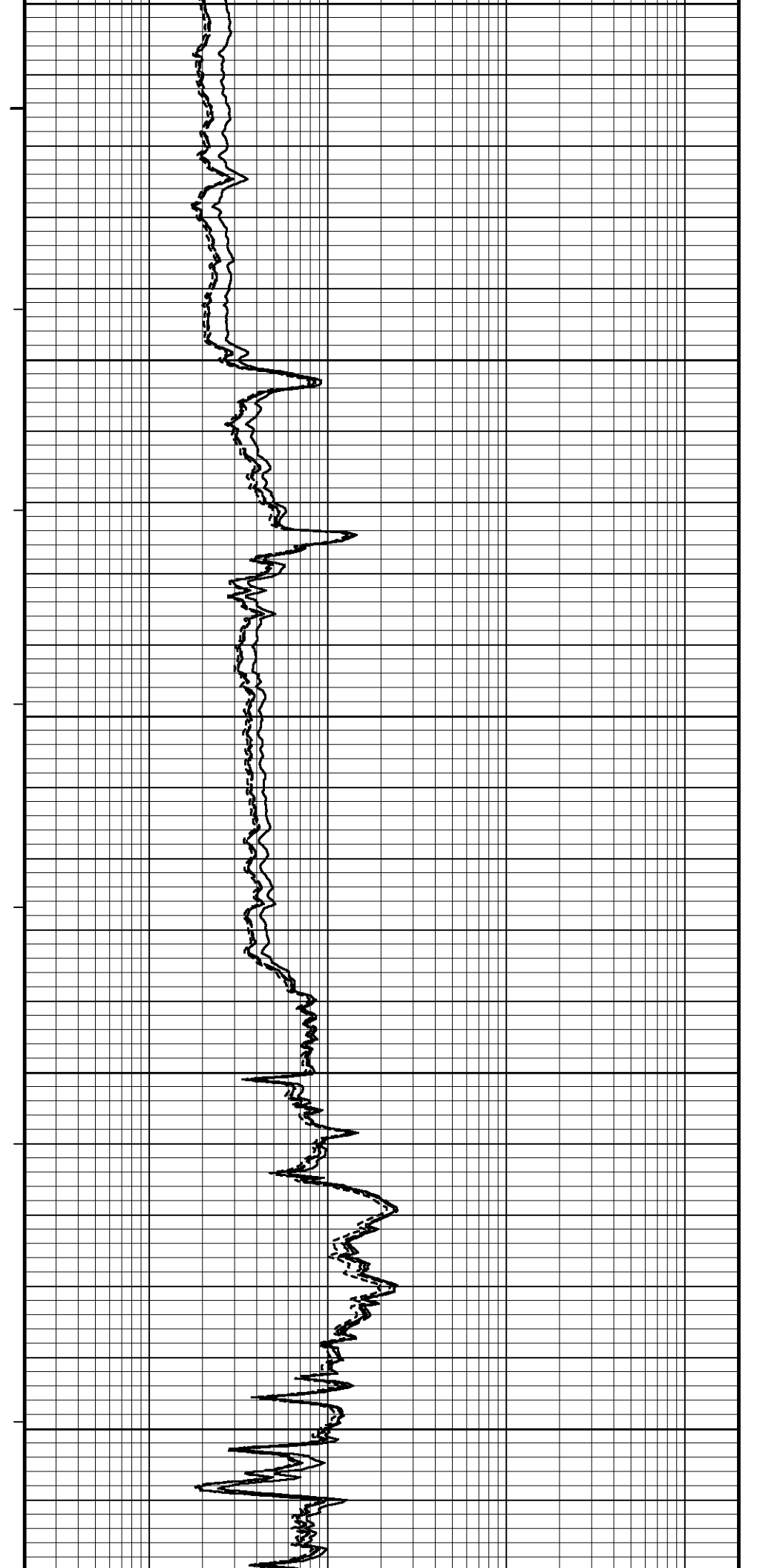
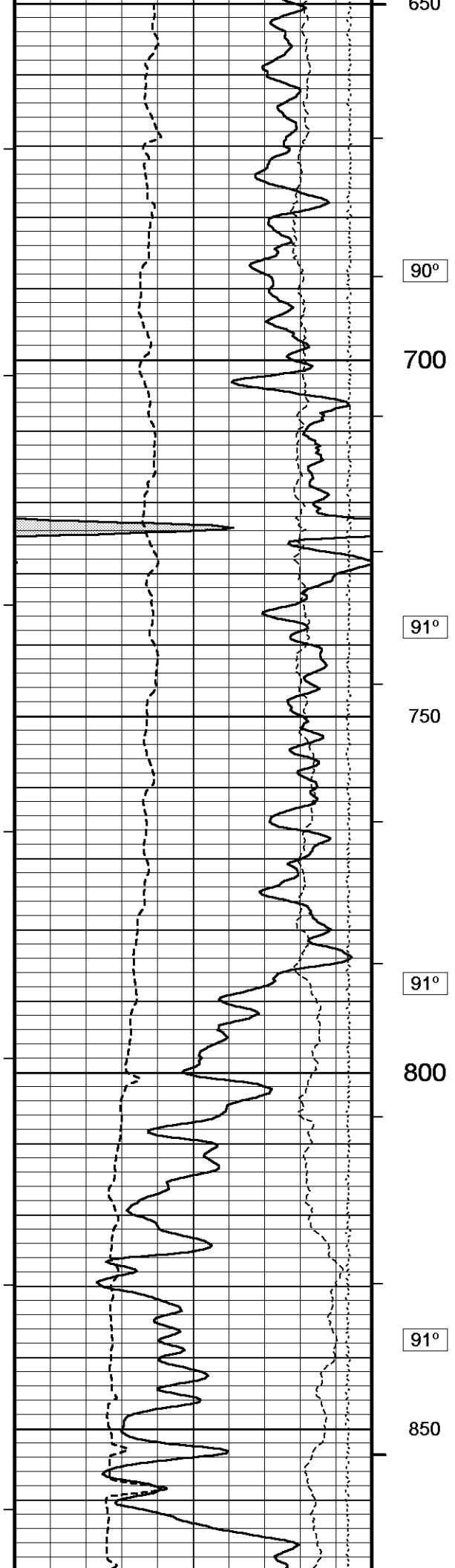
350

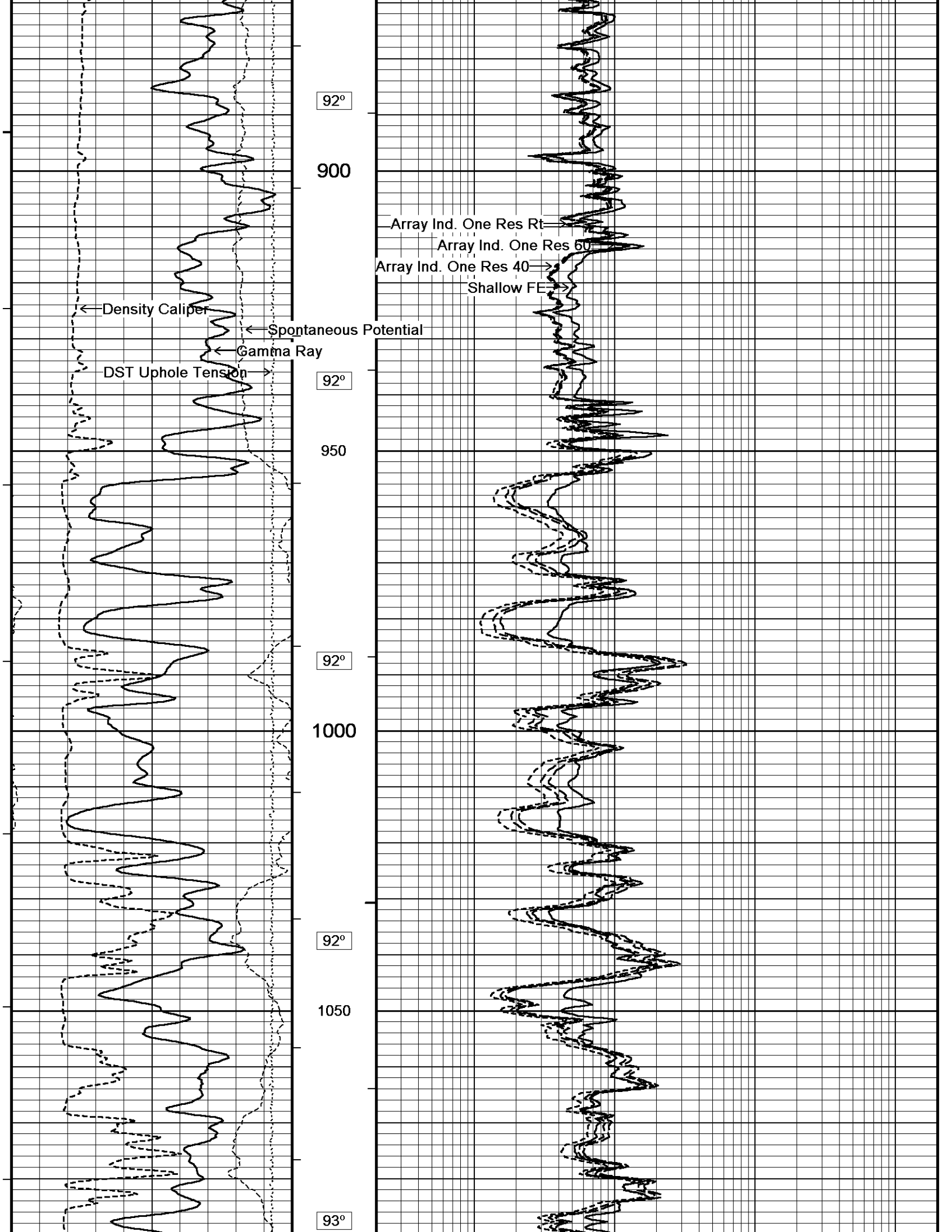
87°

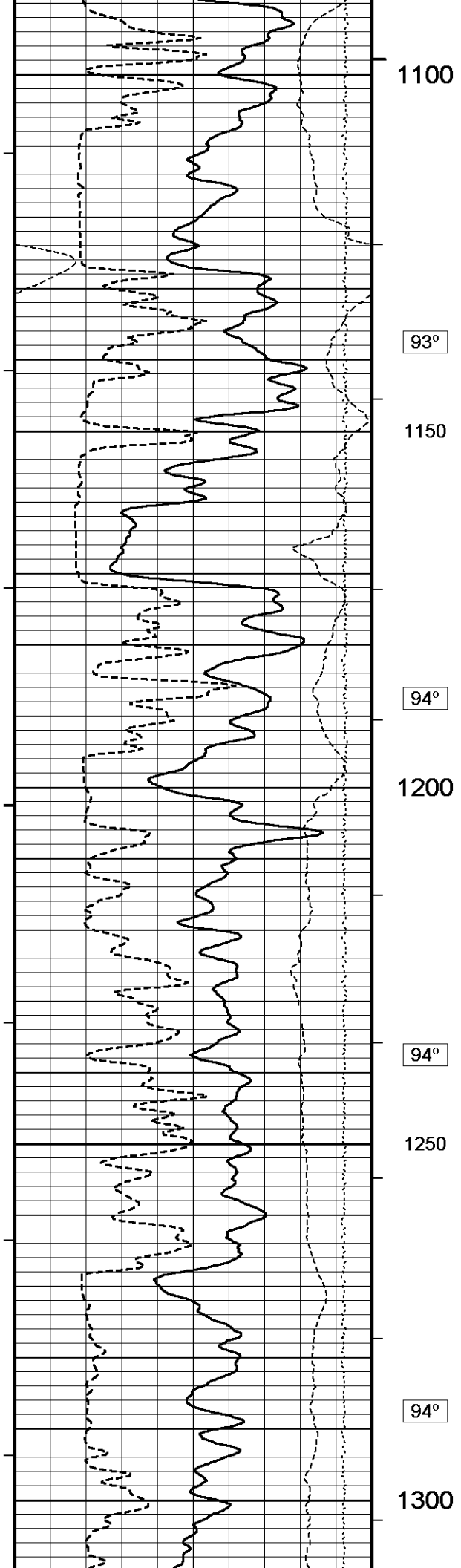
400











1100

93°

1150

94°

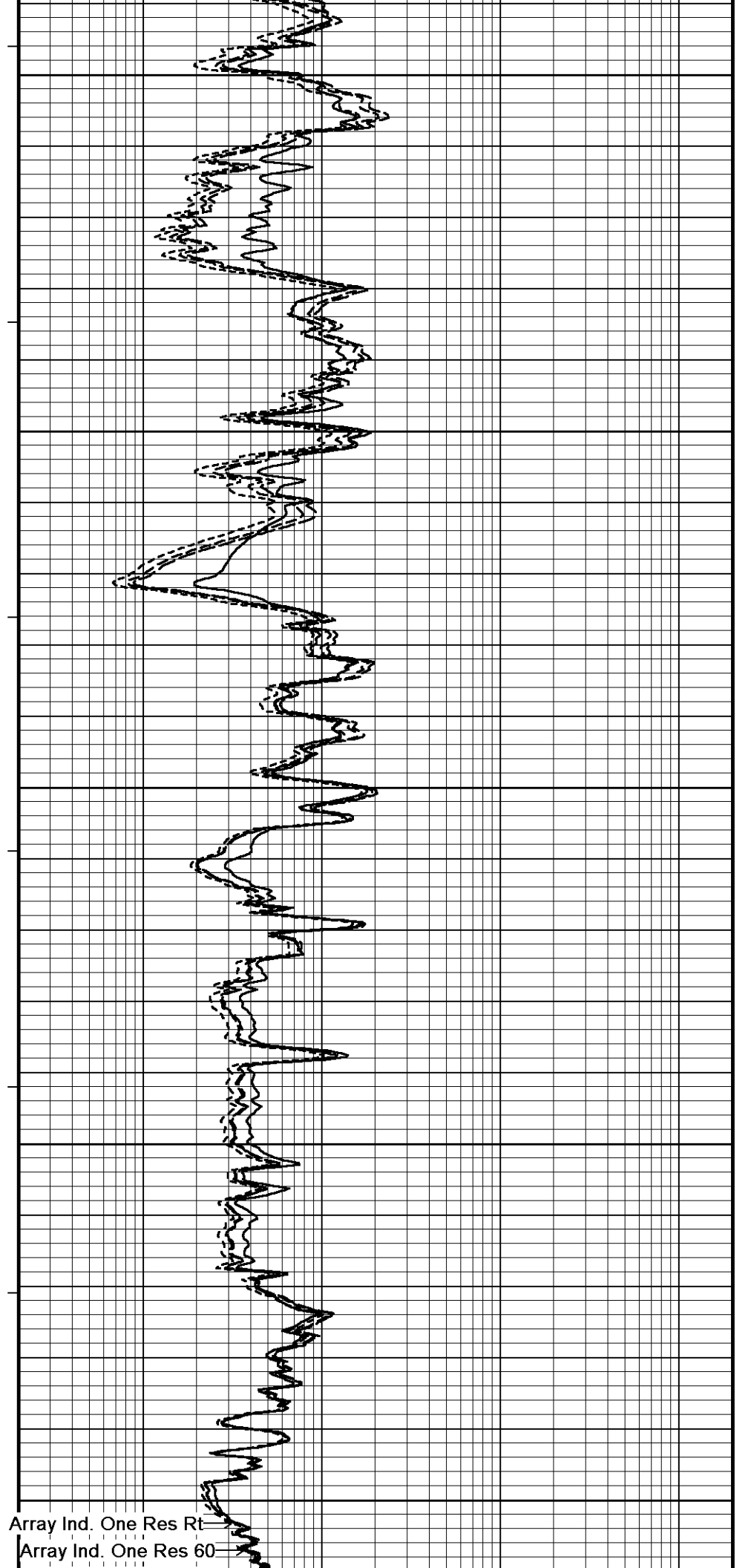
1200

94°

1250

94°

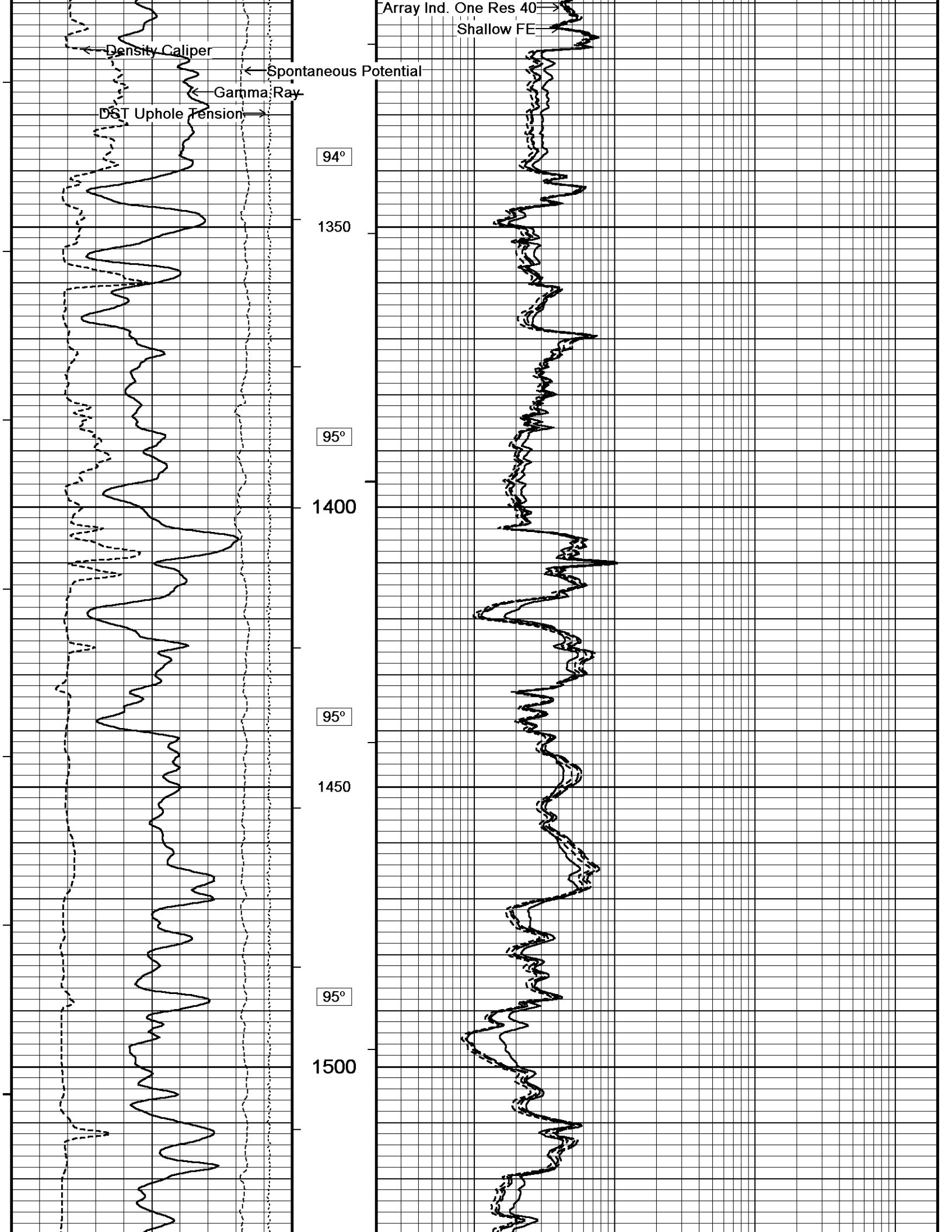
1300

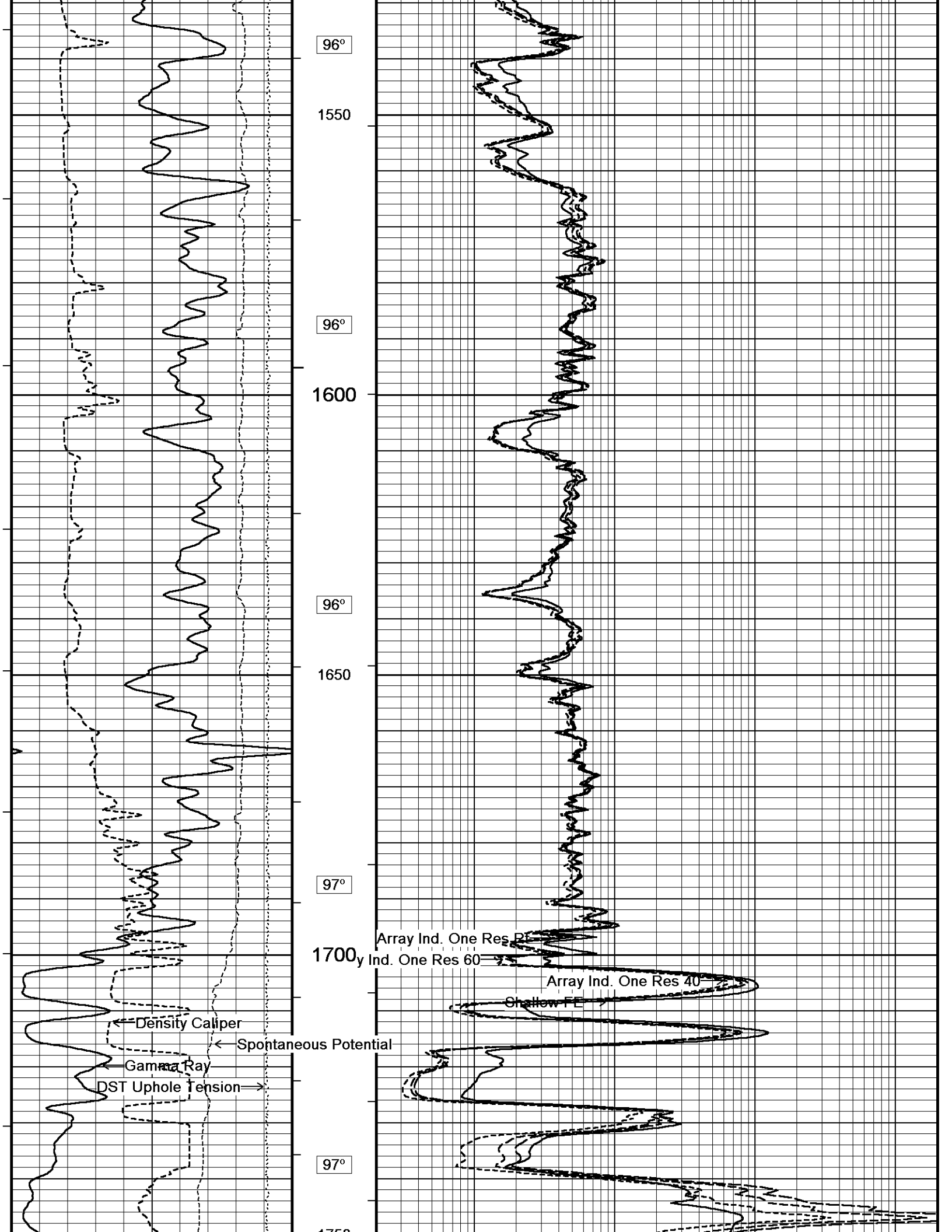


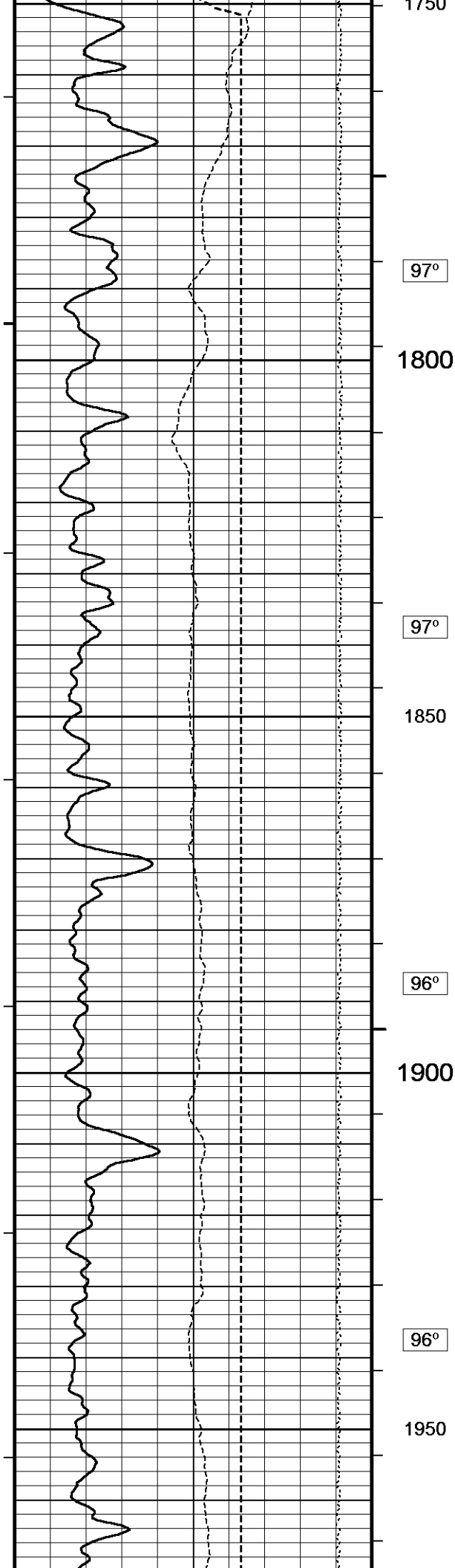
Array Ind. One Res Rt

Array Ind. One Res 60









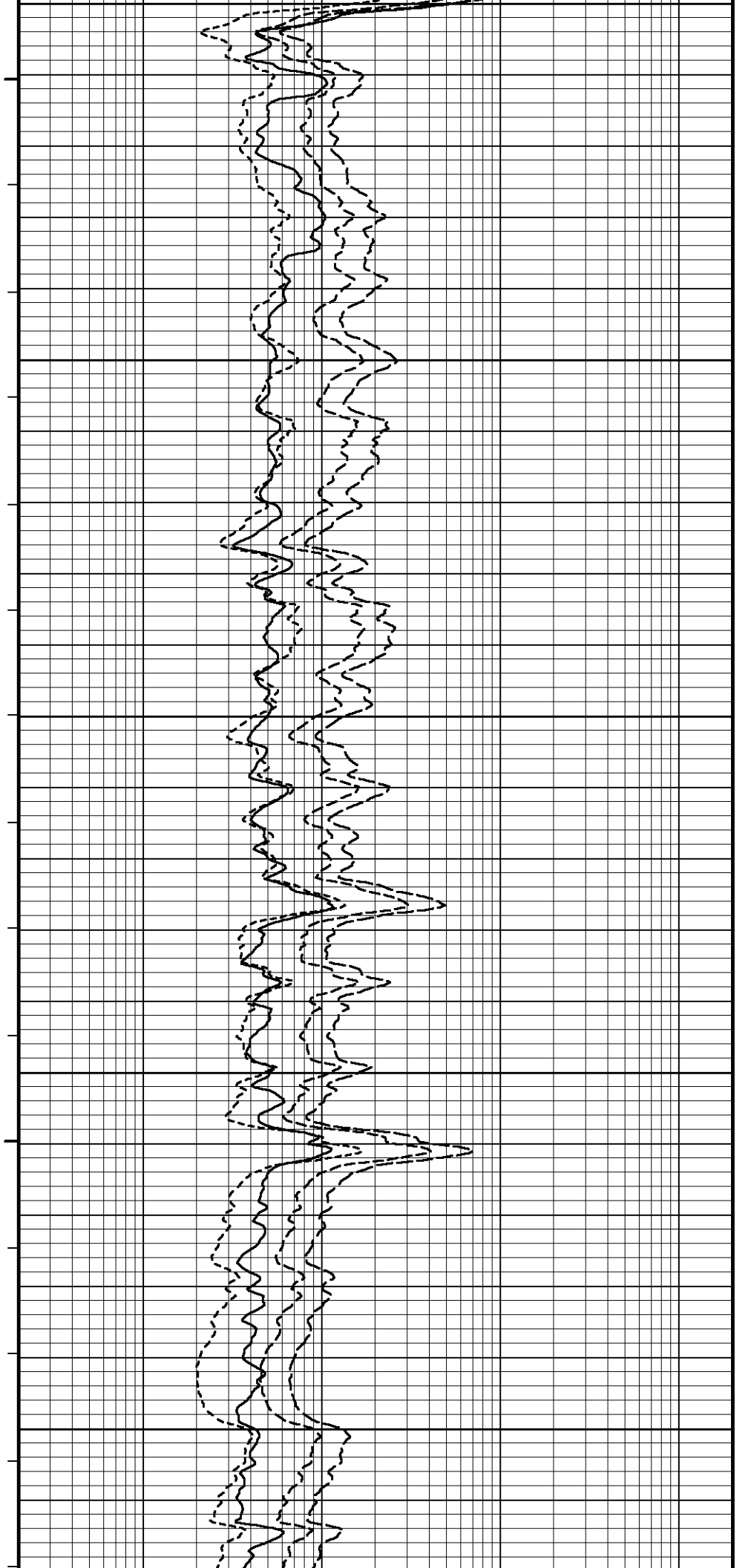
1750  
1800  
1850  
1900  
1950

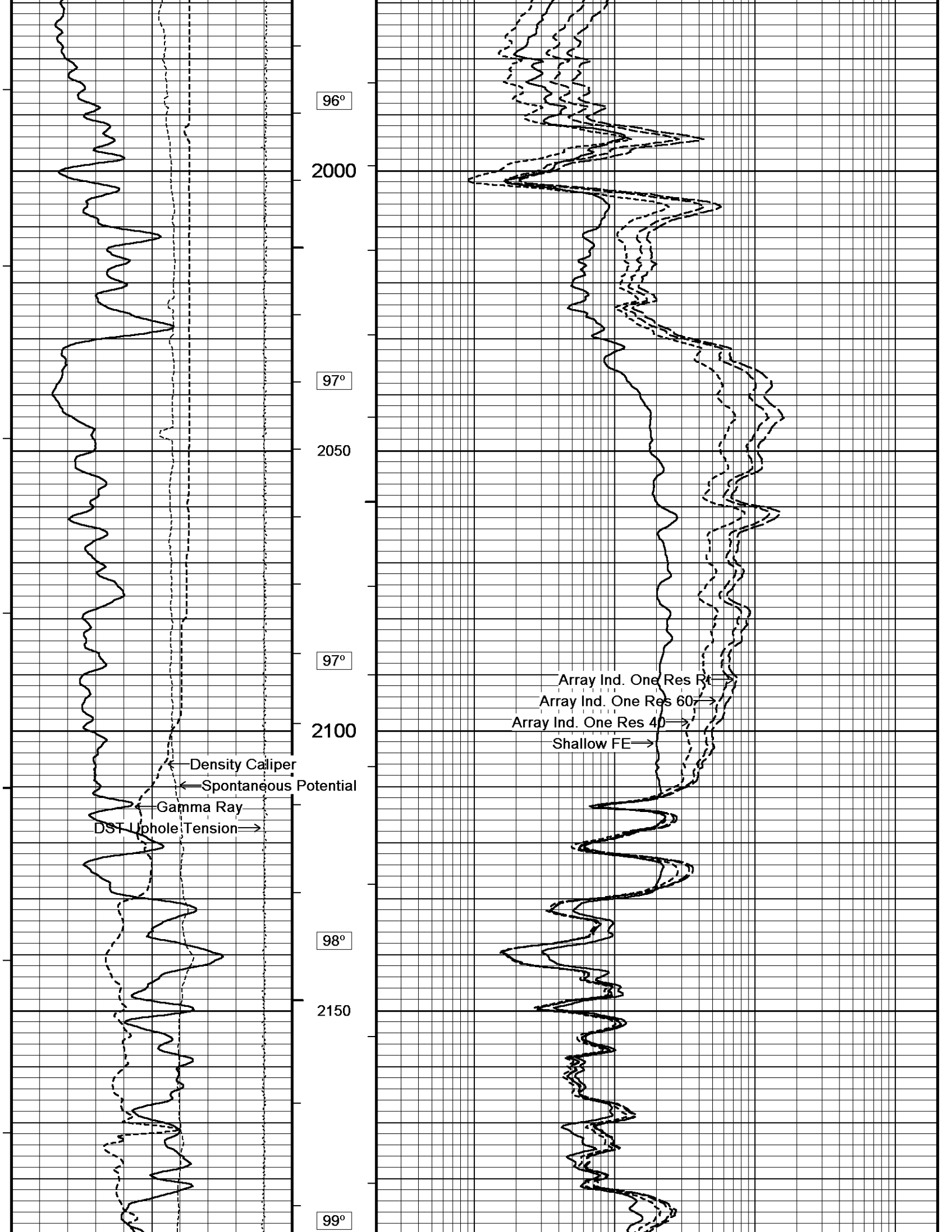
97°

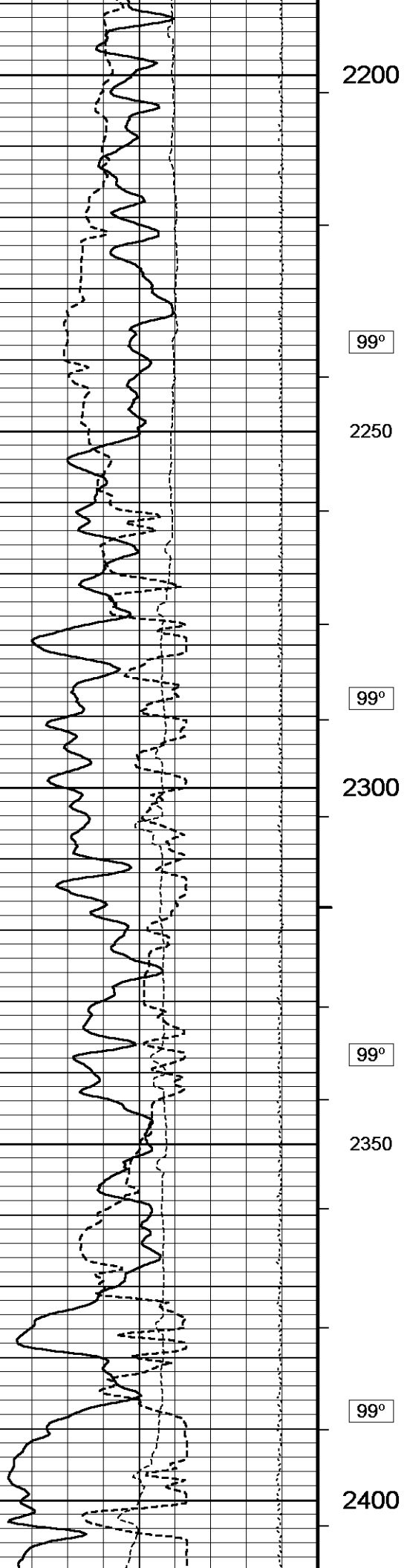
97°

96°

96°







2200

99°

2250

99°

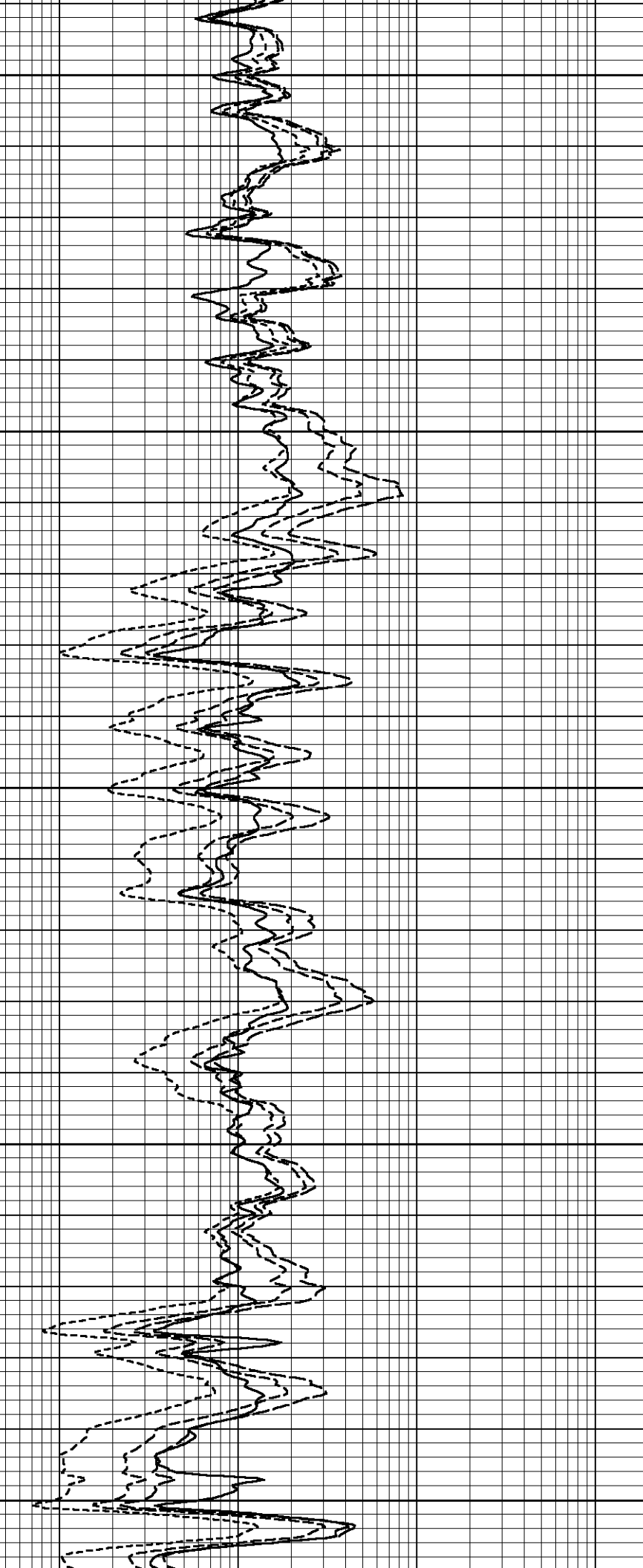
2300

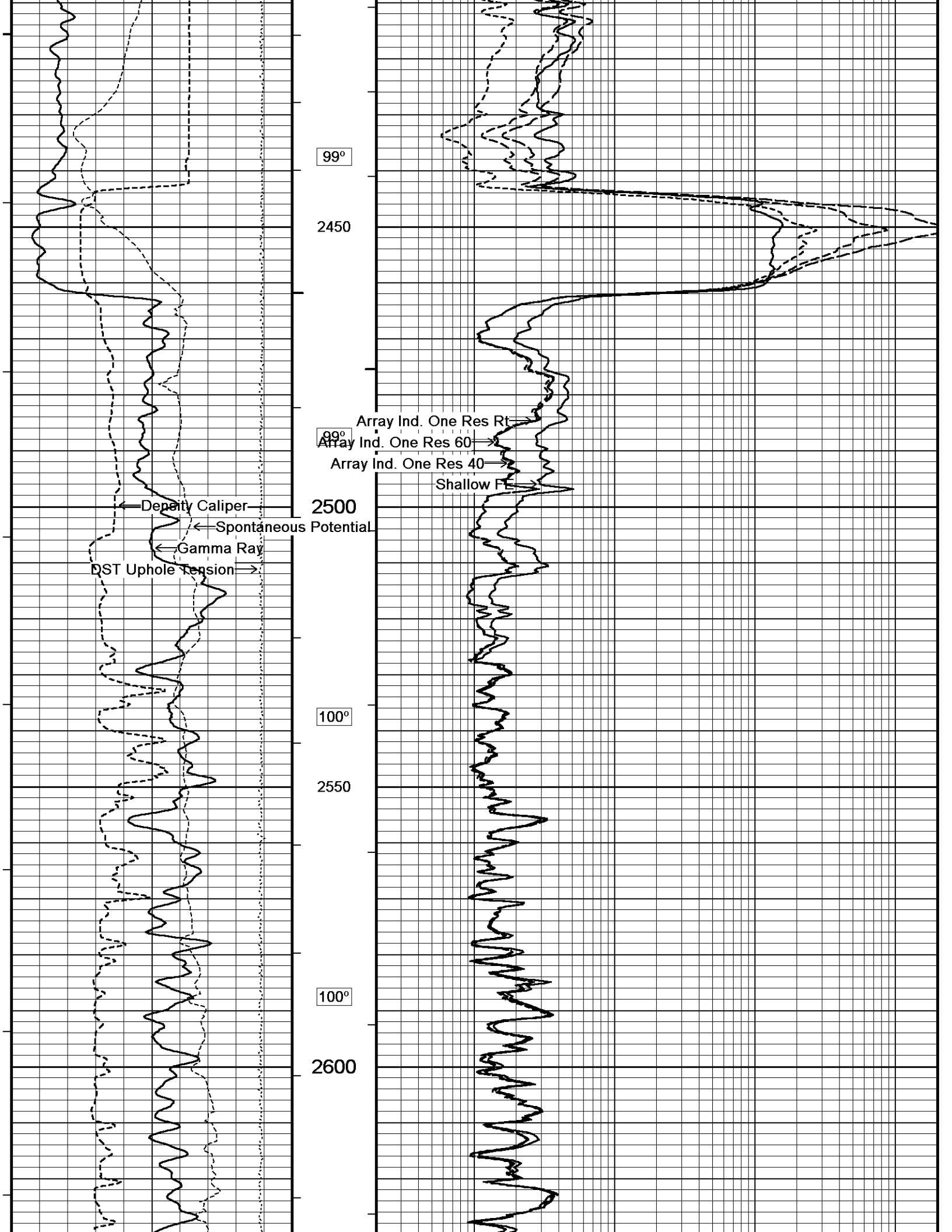
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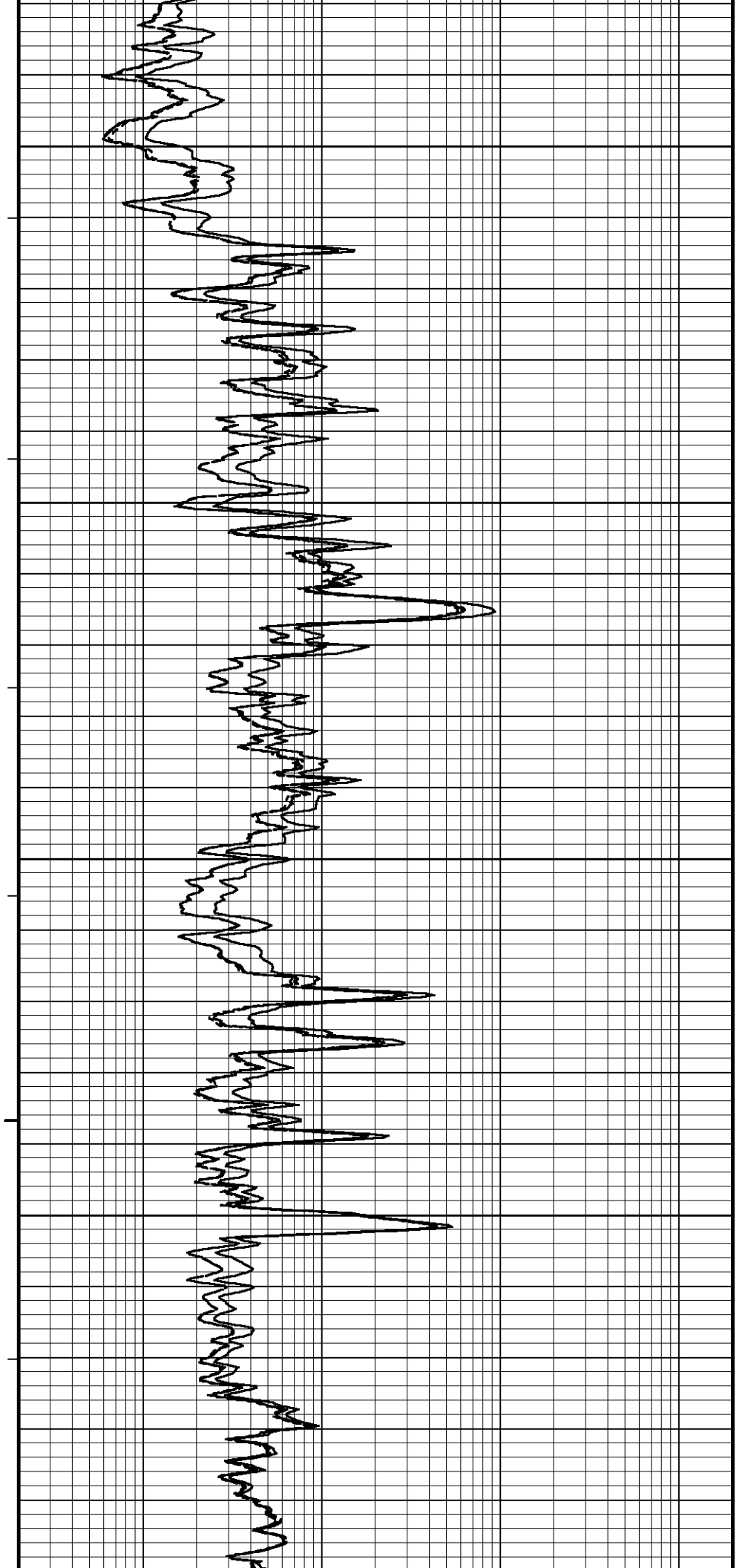
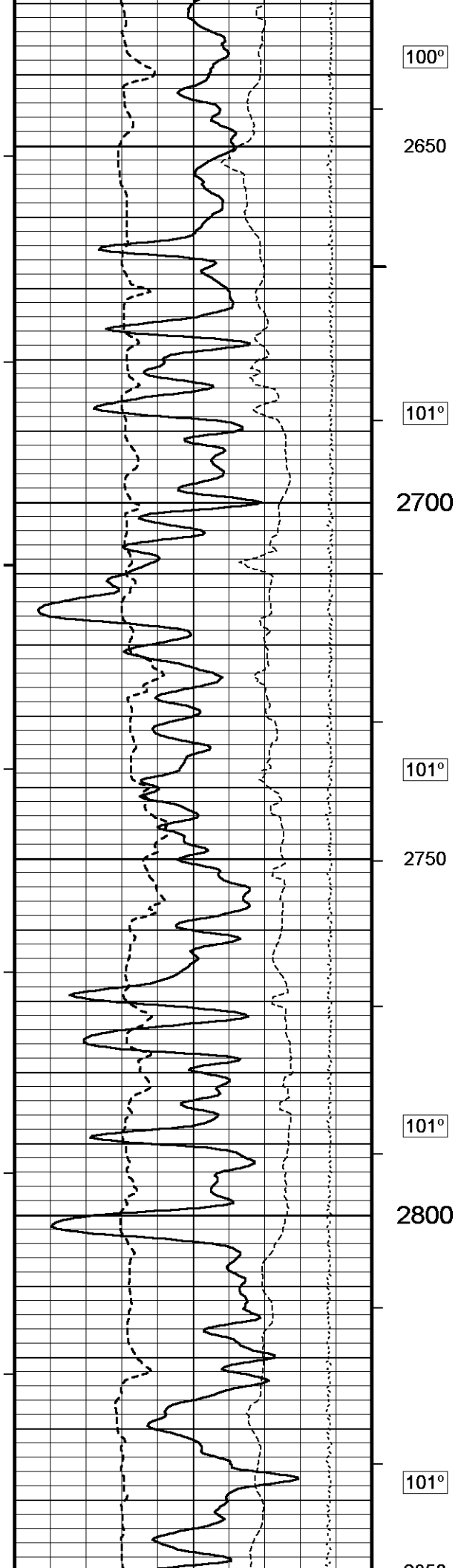
2350

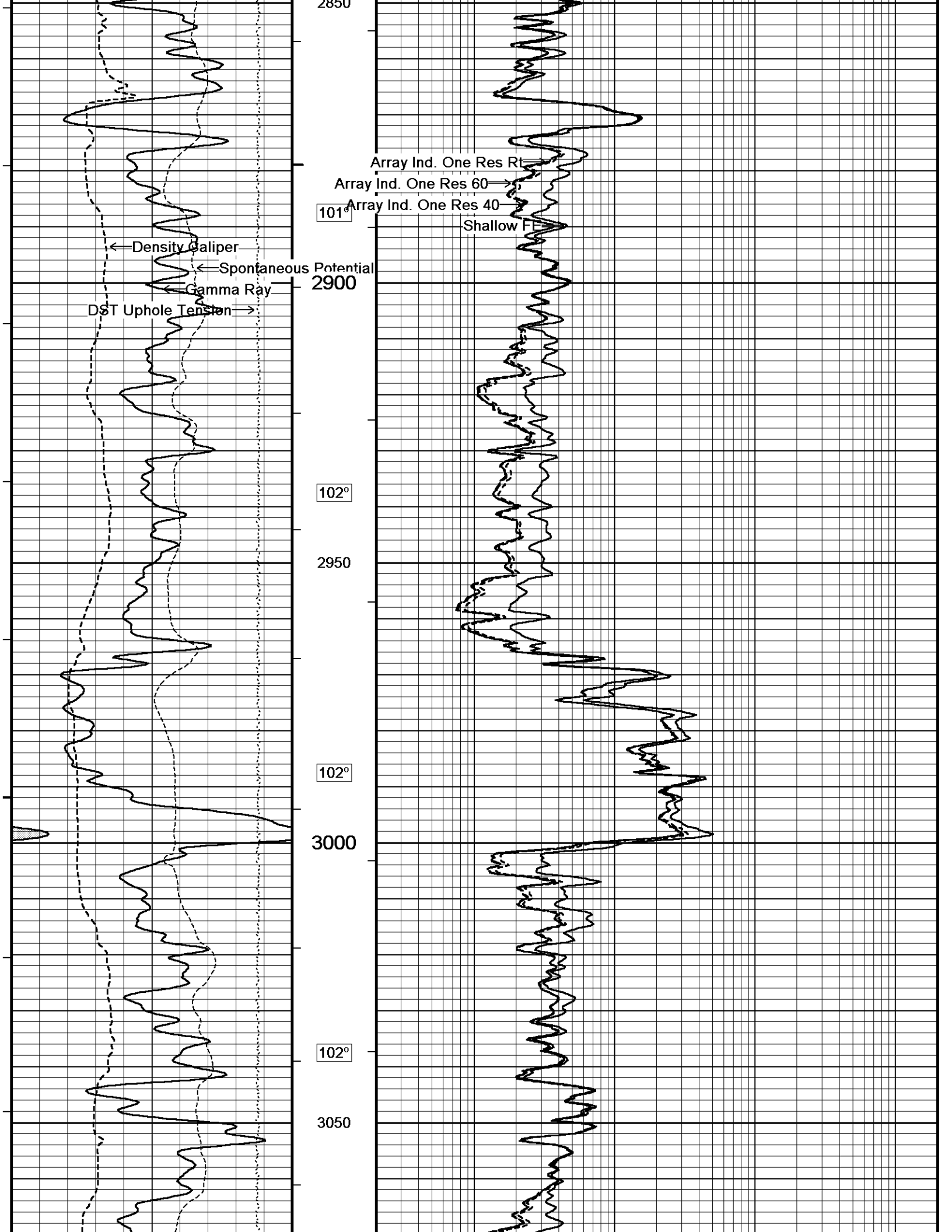
99°

2400

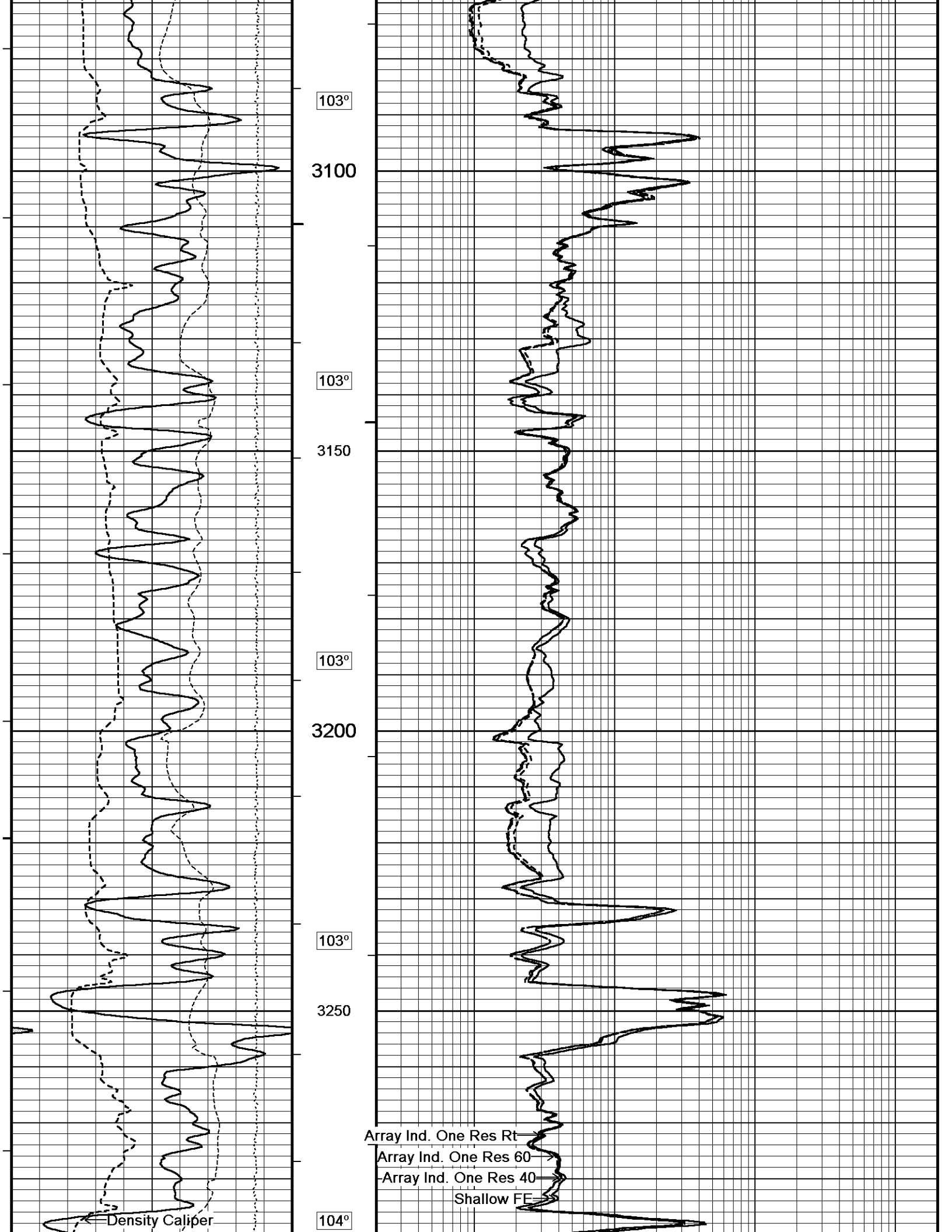


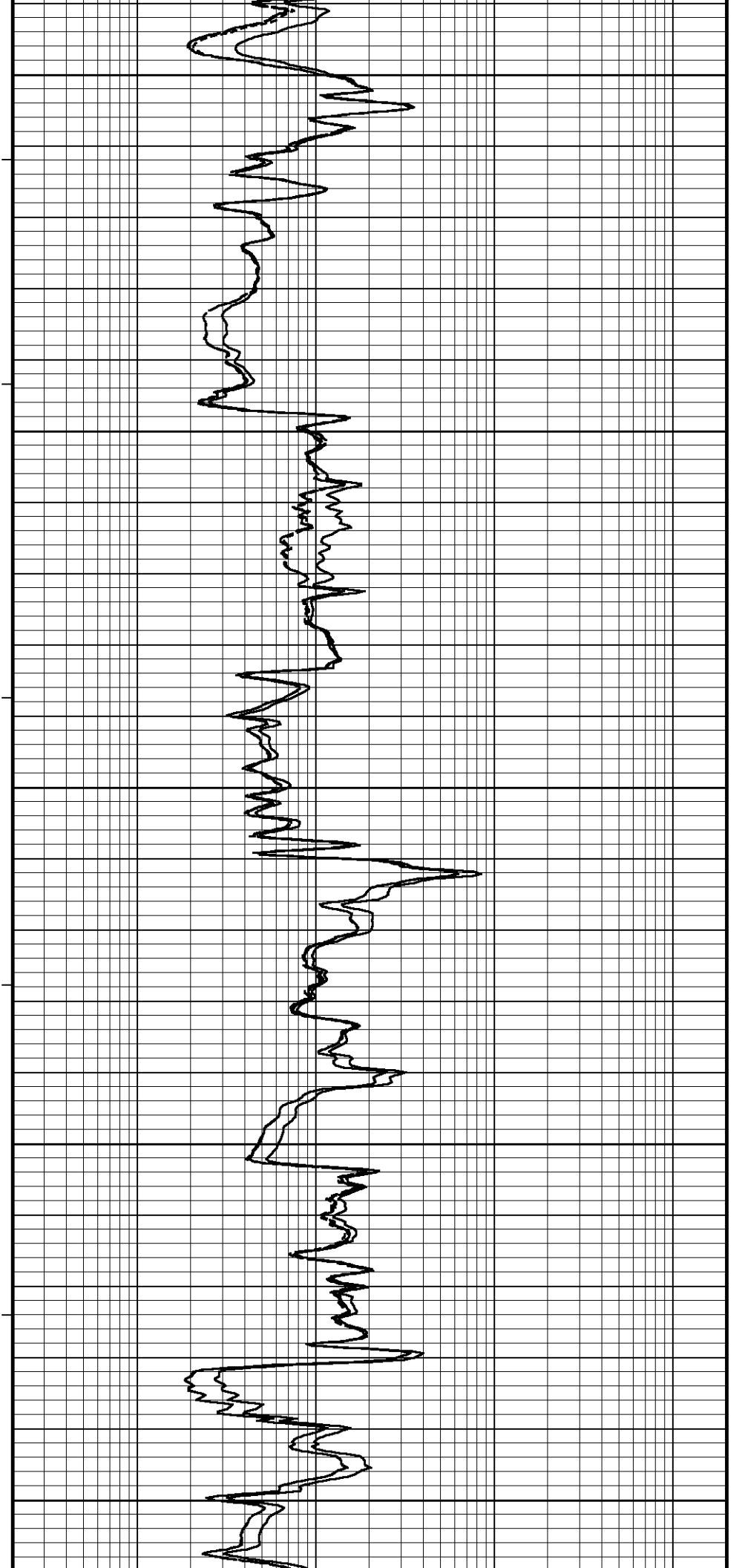
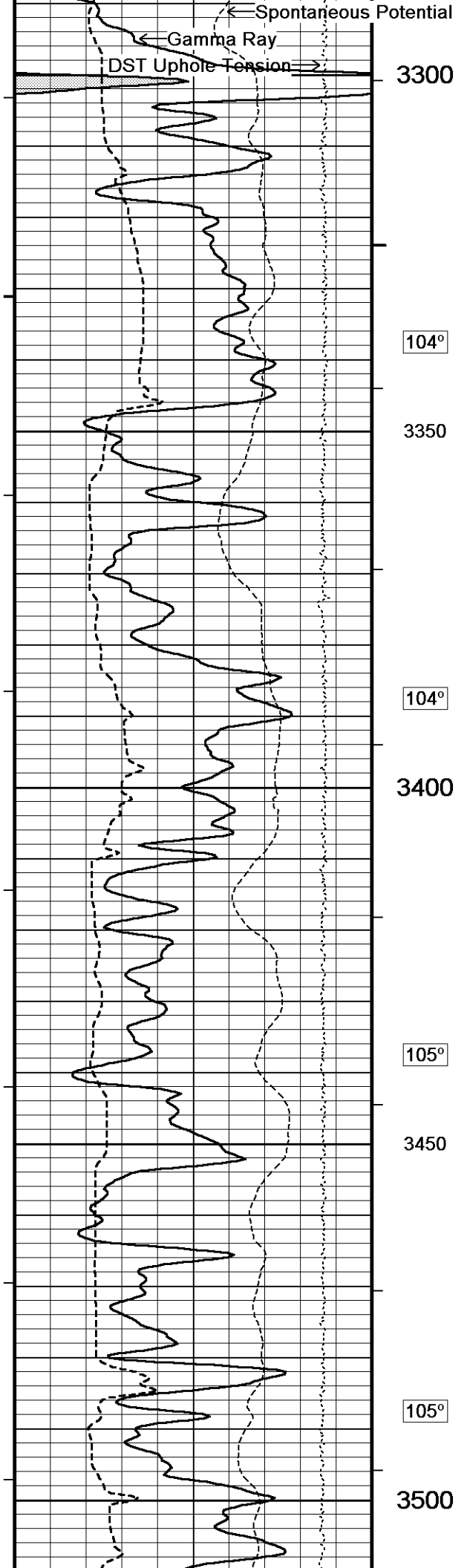


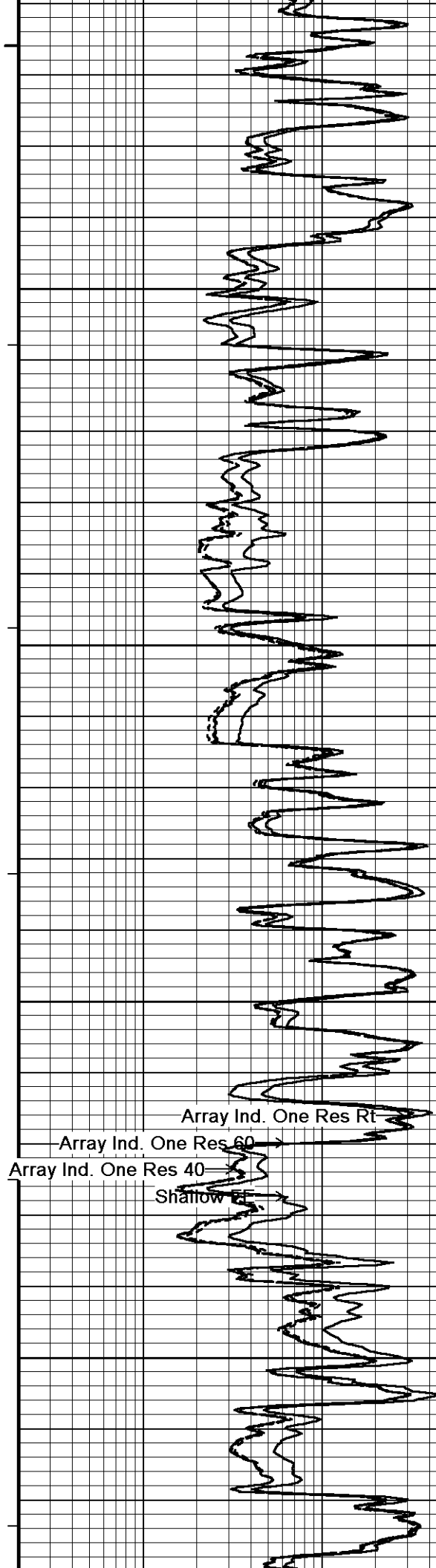
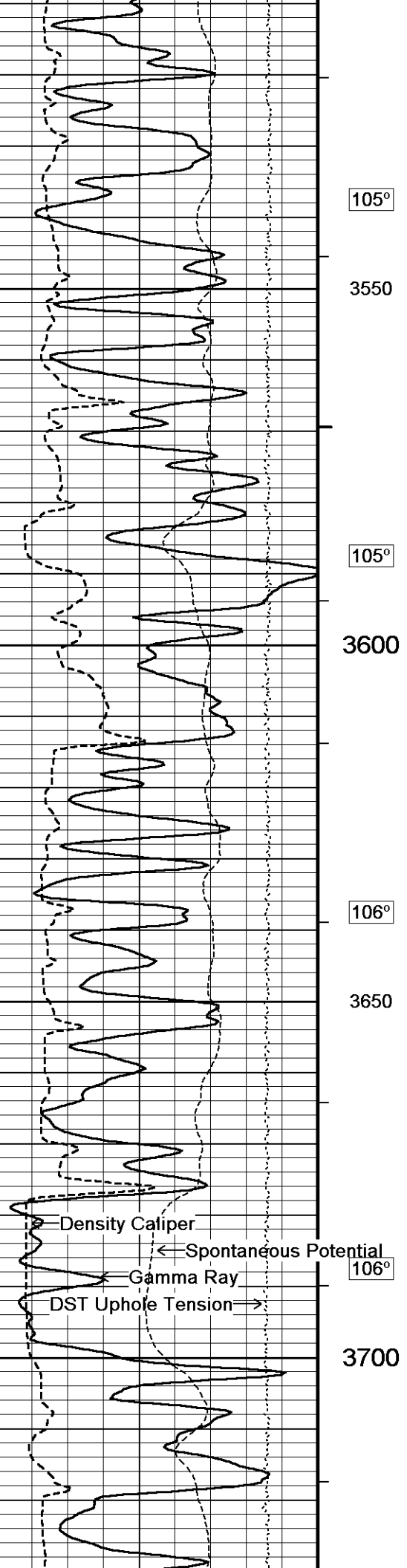












105°

3550

105°

3600

106°

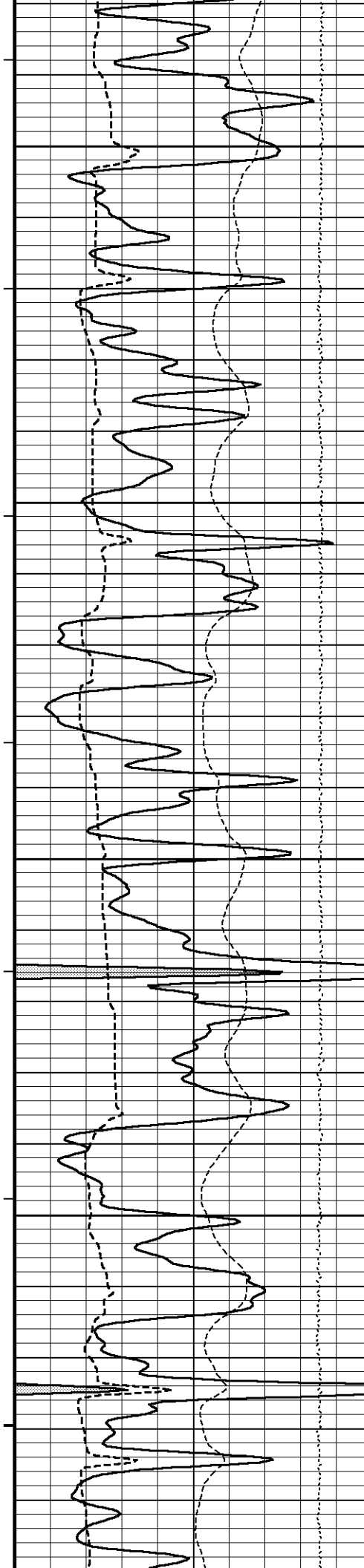
3650

106°

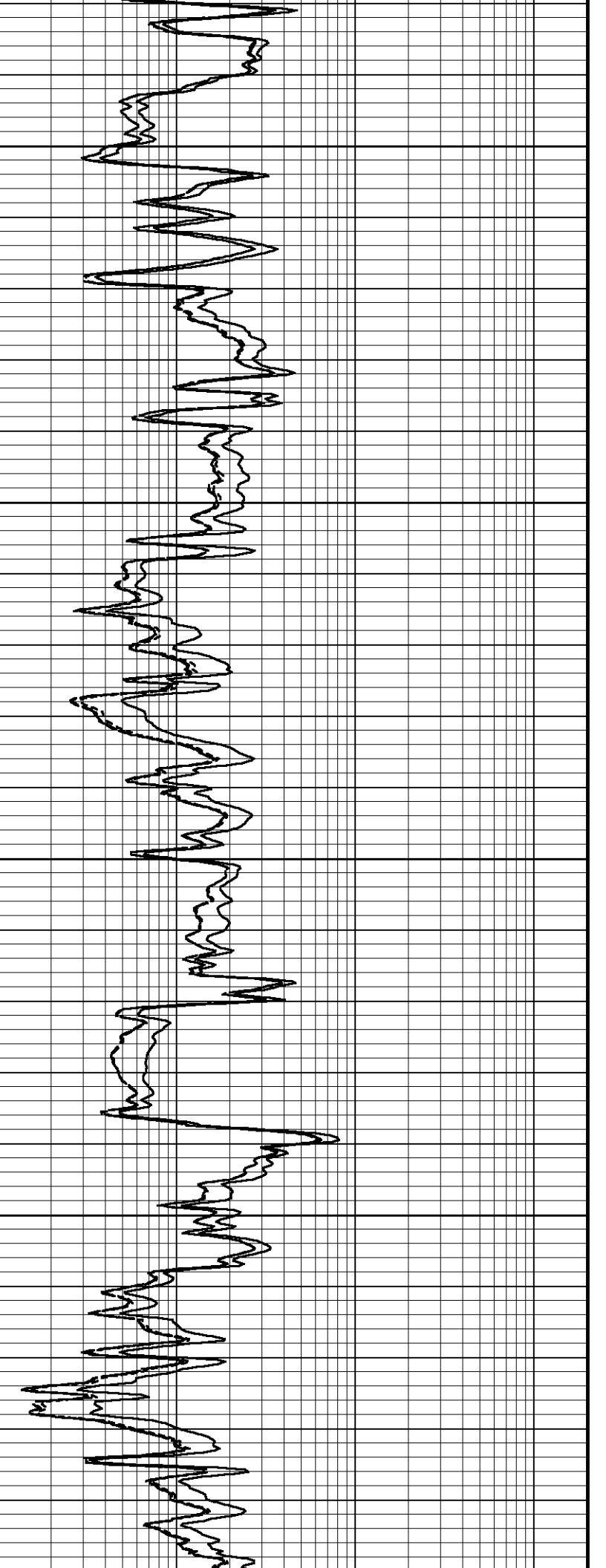
3700

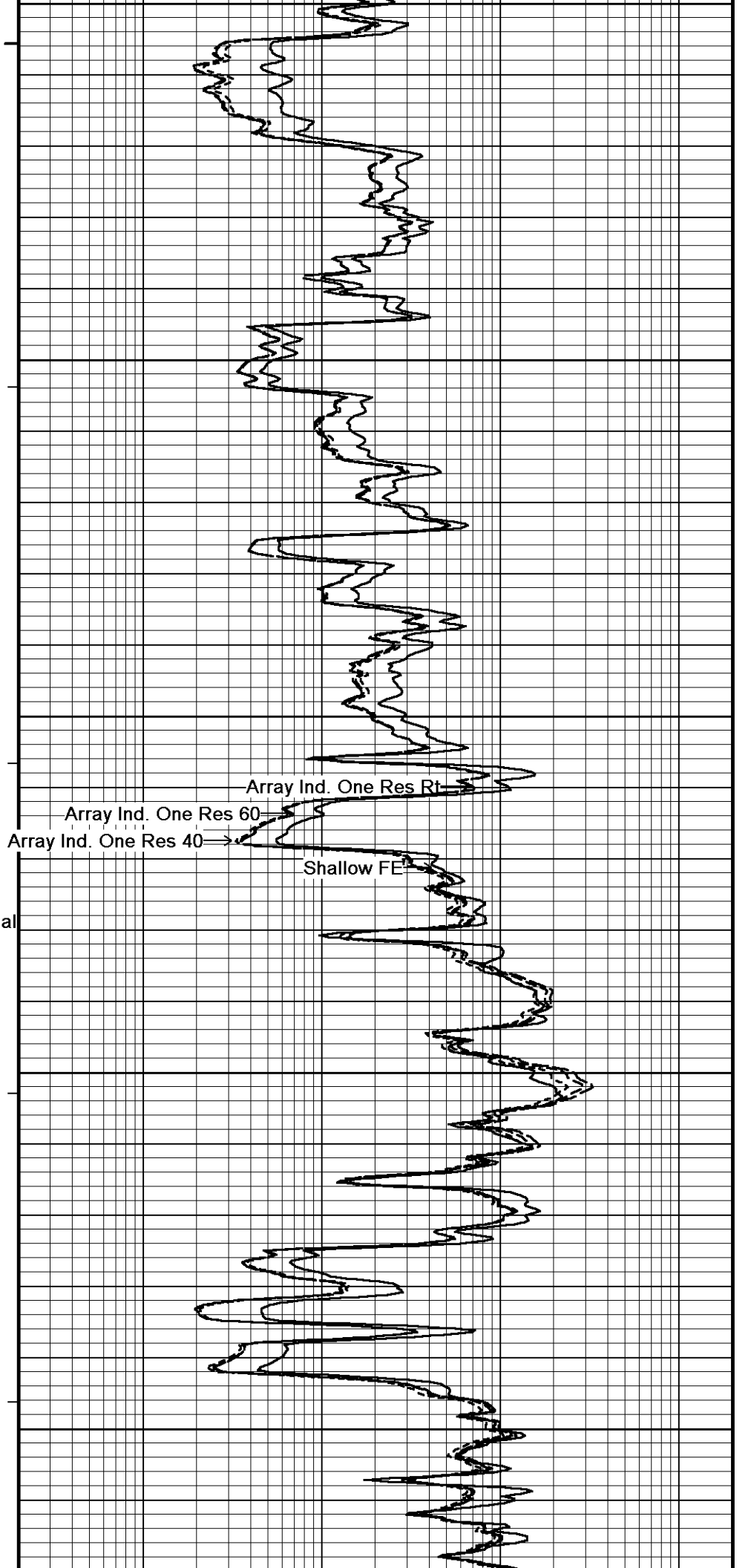
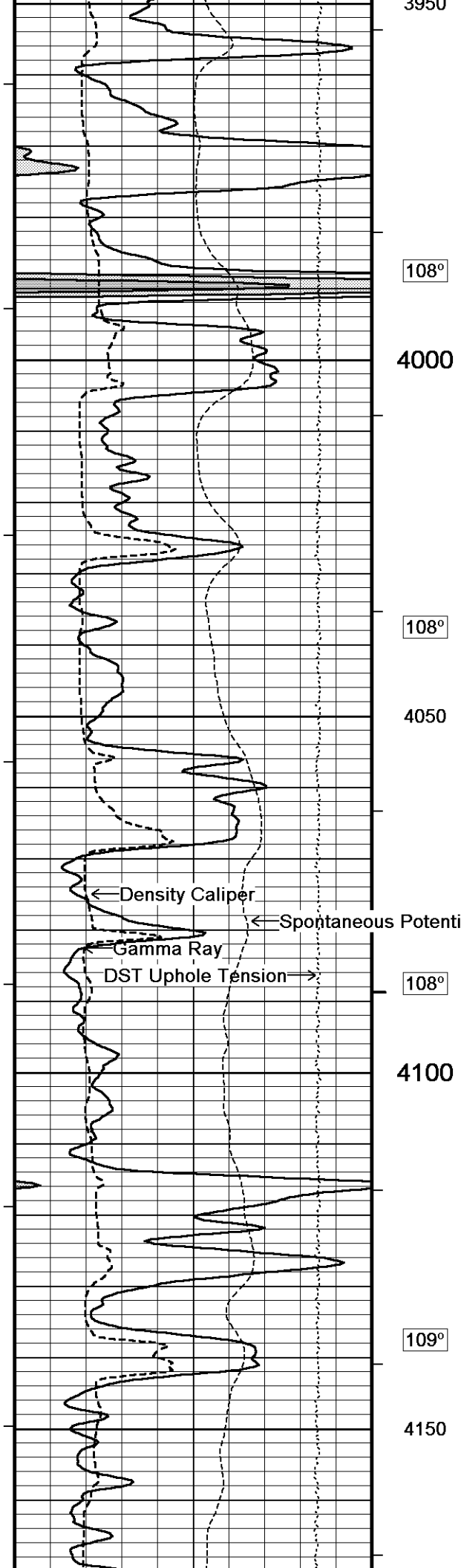
Density Caliper  
Spontaneous Potential  
Gamma Ray  
DST Uphole Tension

Array Ind. One Res Rt  
Array Ind. One Res 60  
Array Ind. One Res 40  
Shallow 51



106°  
3750  
107°  
3800  
107°  
3850  
107°  
3900  
107°  
3950





3950

108°

4000

108°

4050

Array Ind. One Res Rt

Array Ind. One Res 60

Array Ind. One Res 40

Shallow FE

Density Caliper

Spontaneous Potential

Gamma Ray

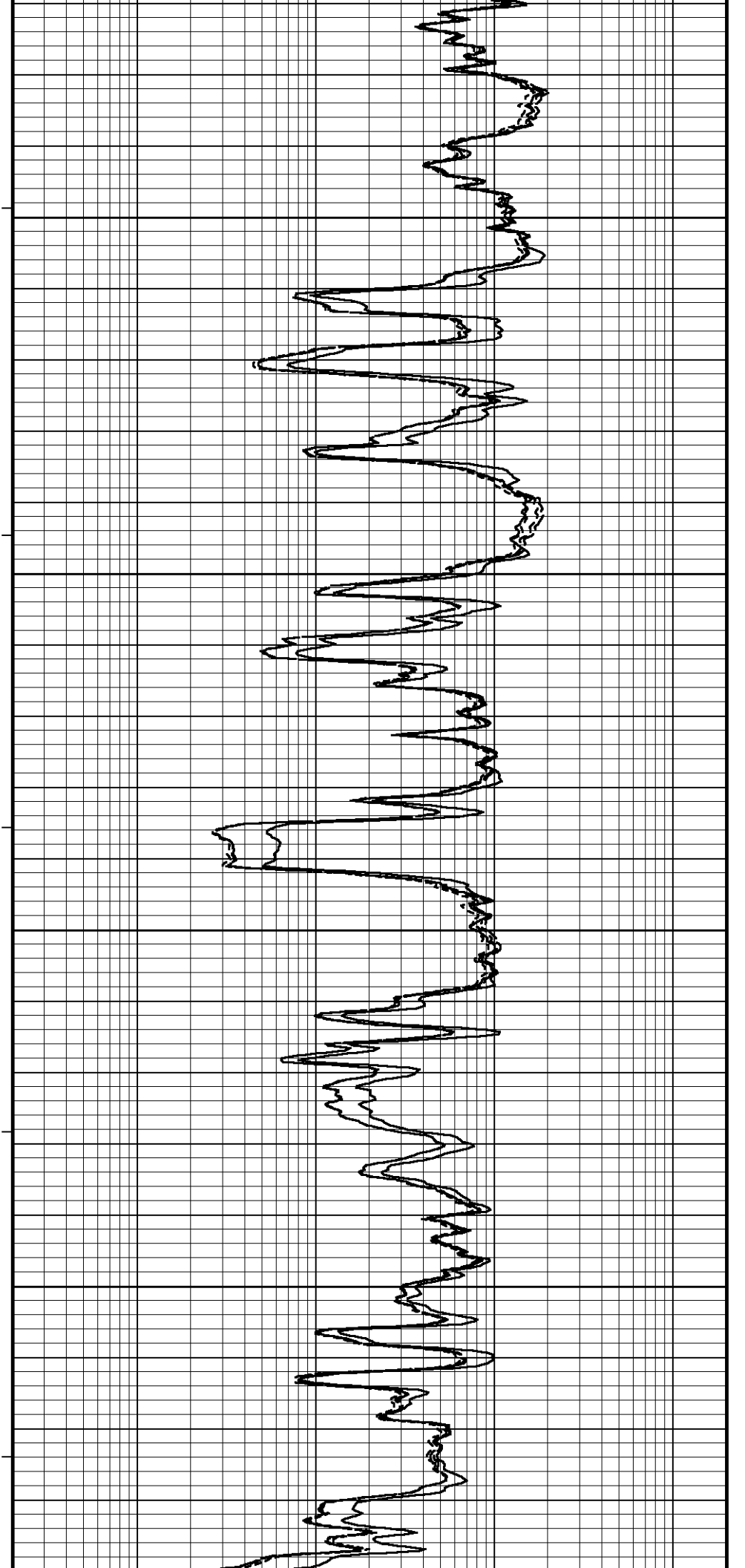
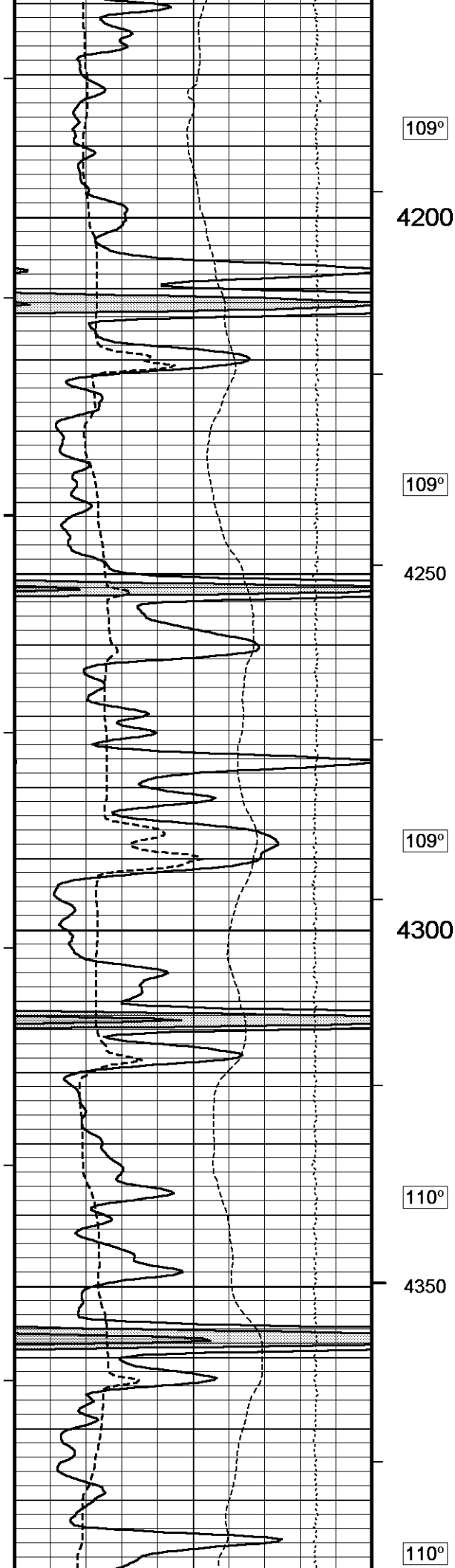
DST Uphole Tension

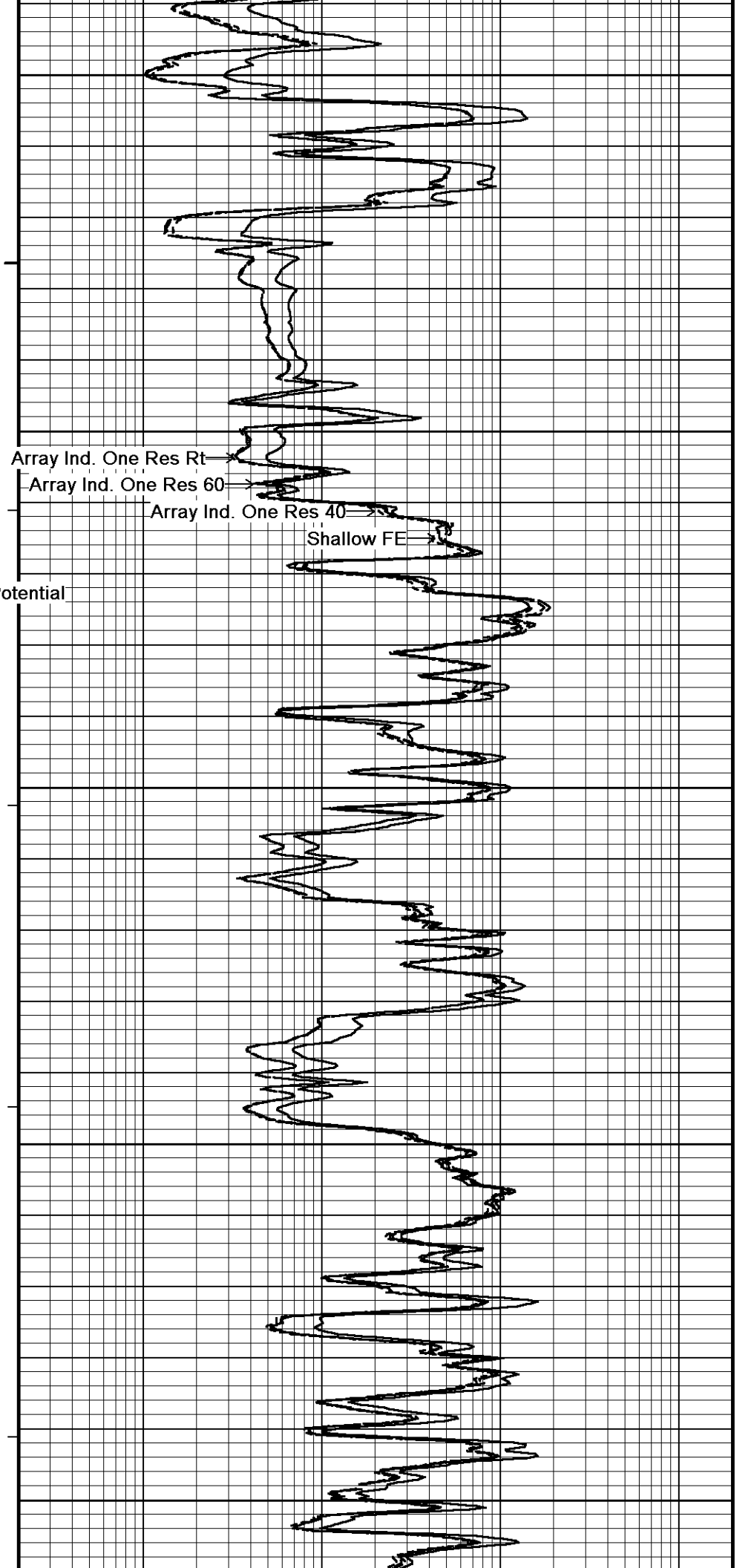
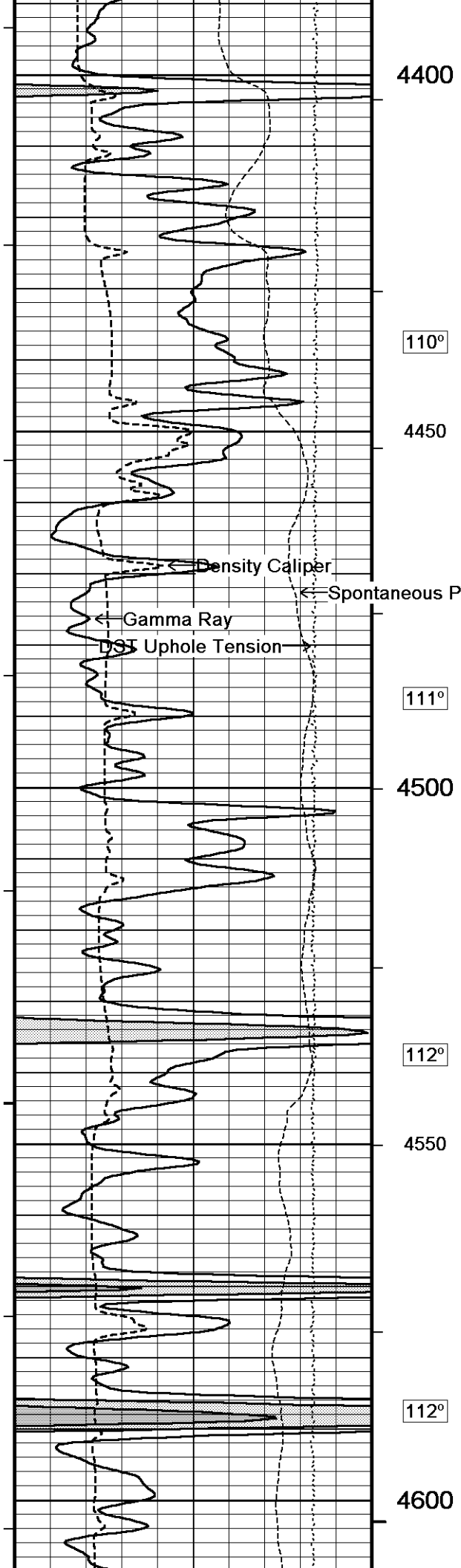
108°

4100

109°

4150





4400

110°

4450

Array Ind. One Res Rt

Array Ind. One Res 60

Array Ind. One Res 40

Shallow FE

Density Caliper

Spontaneous Potential

Gamma Ray

DST Uphole Tension

111°

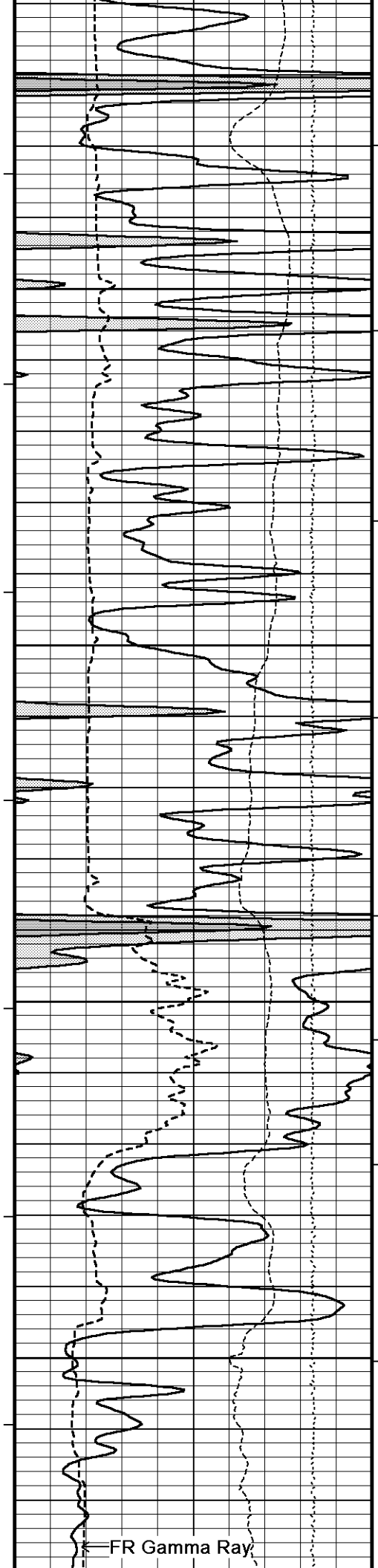
4500

112°

4550

112°

4600



112°

4650

113°

4700

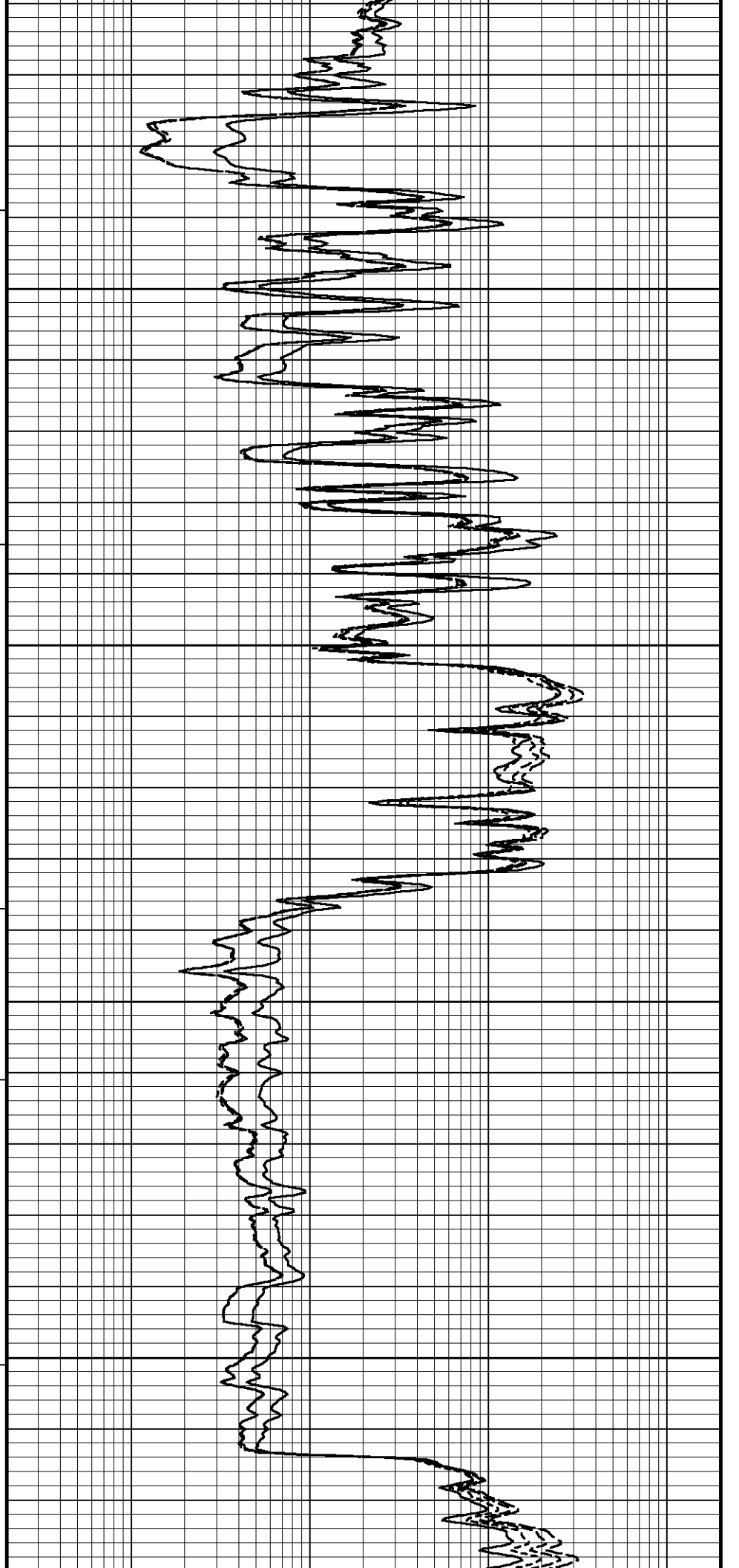
113°

4750

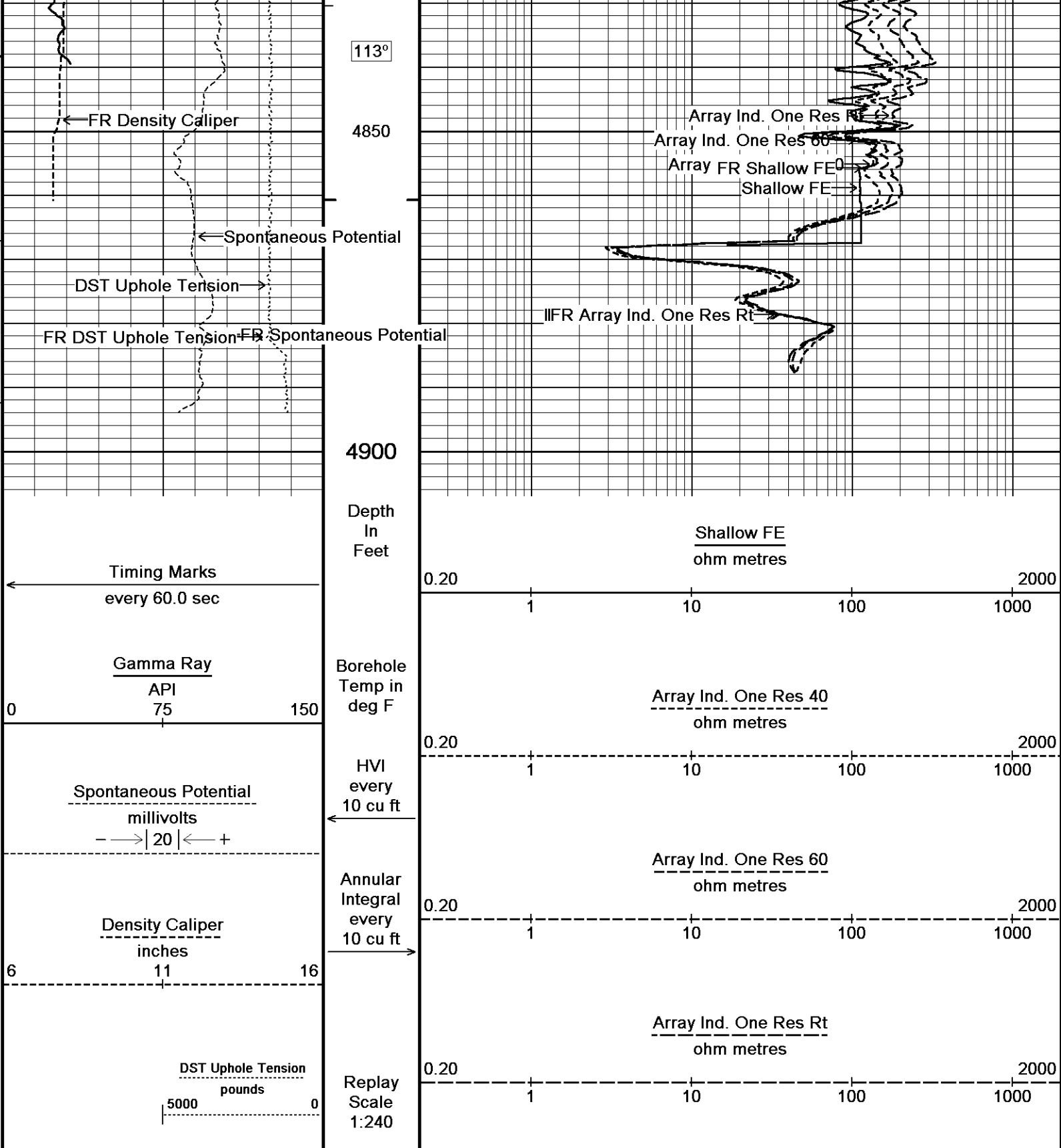
114°

4800

FR Gamma Ray





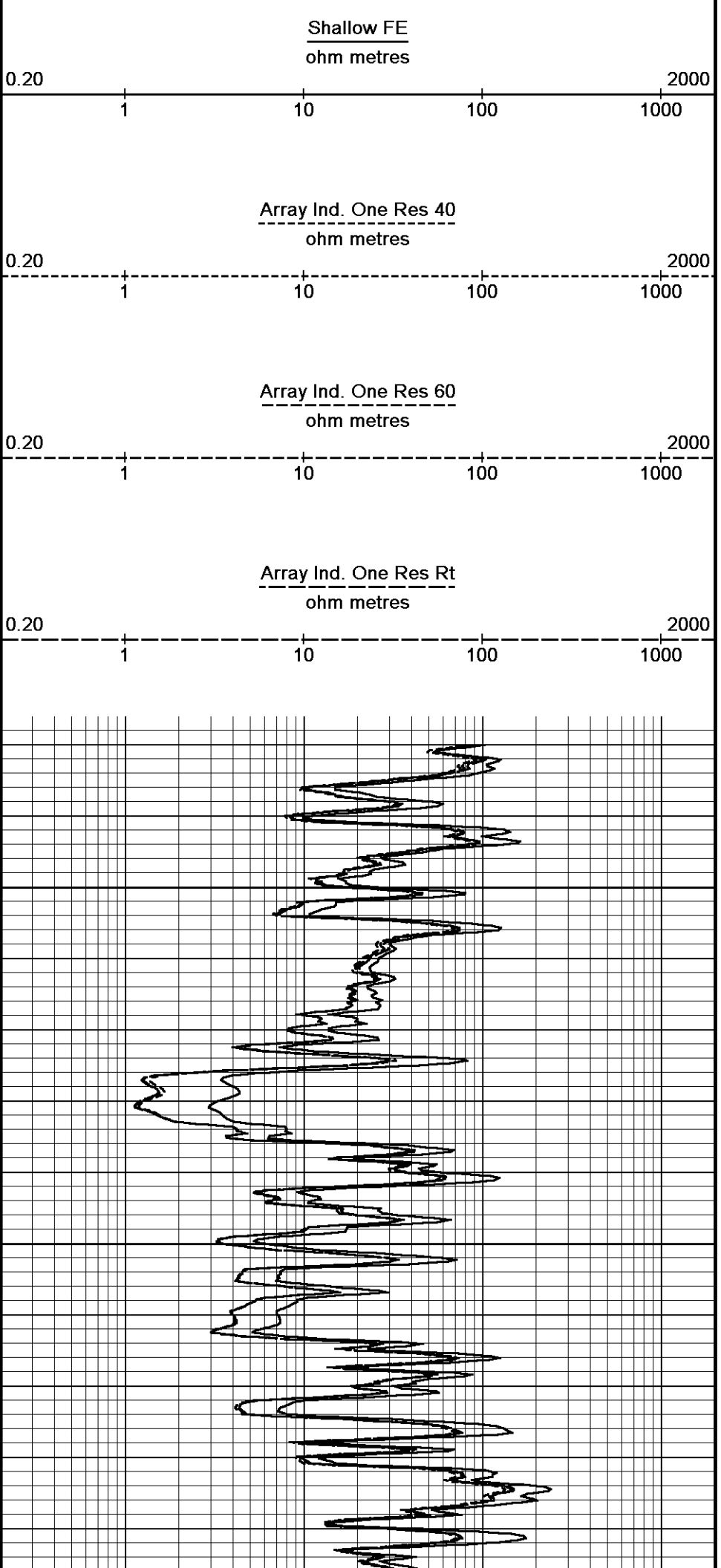
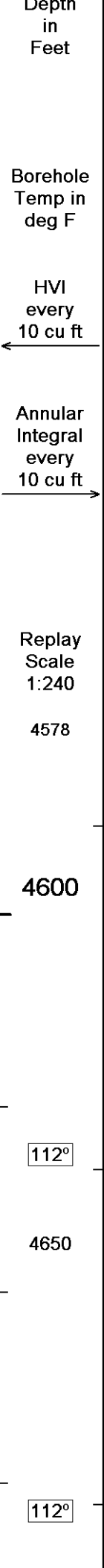
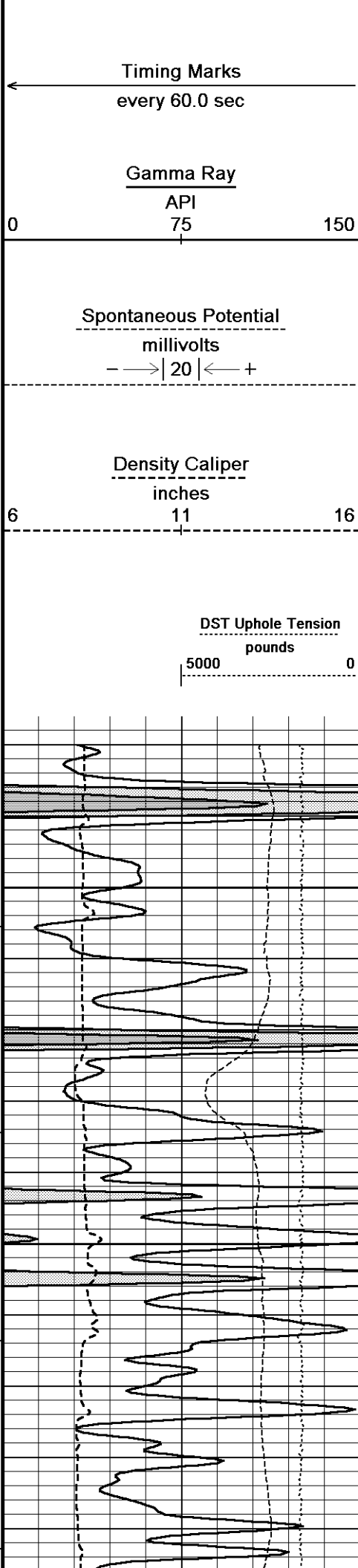


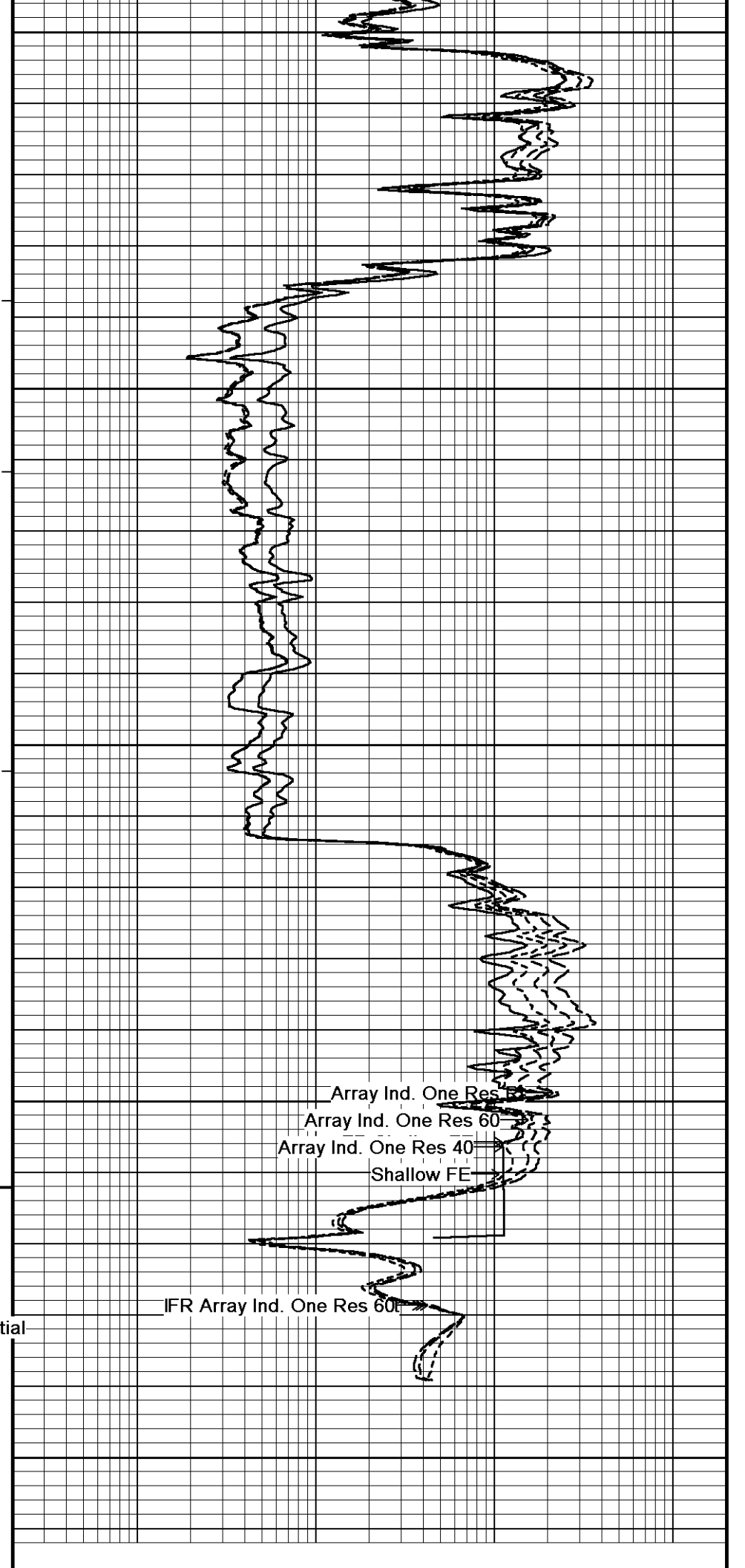
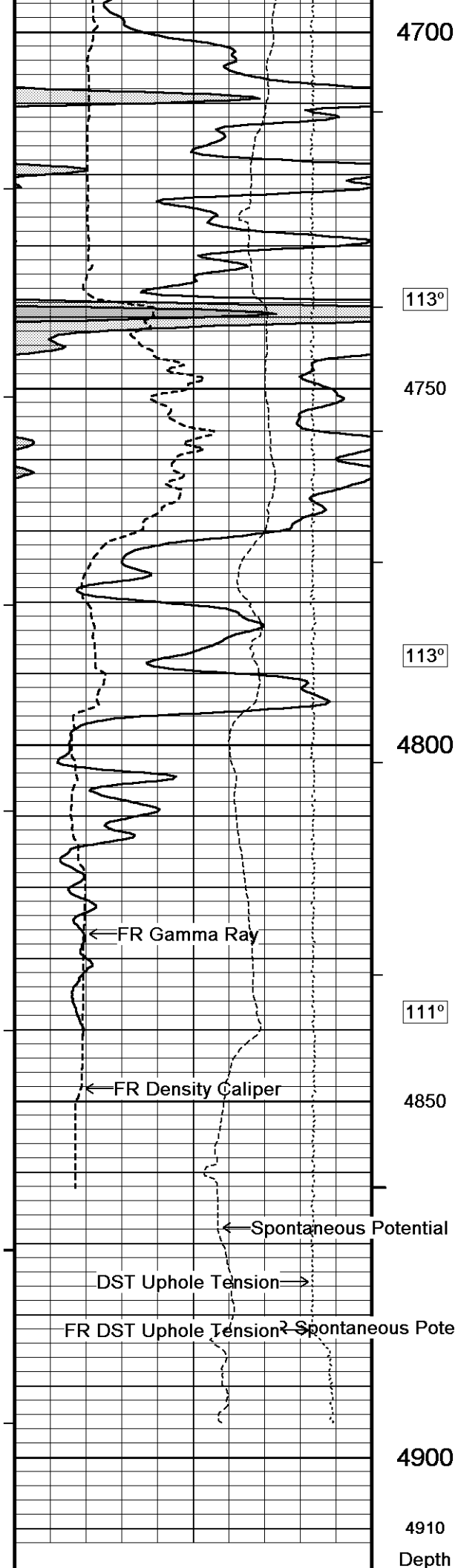
Depth Based Data - Maximum Sampling Increment 10.0cm Plotted on 05-JUN-2012 11:30  
 Filename: C:\Minimus 11.03.4044\Data\Shakespeare Carson #1-25\Shakespeare Carson #1-25\_002.dta Recorded on 05-JUN-2012 08:07  
 System Versions: Logged with 11.03.4044 Plotted with 11.03.4044

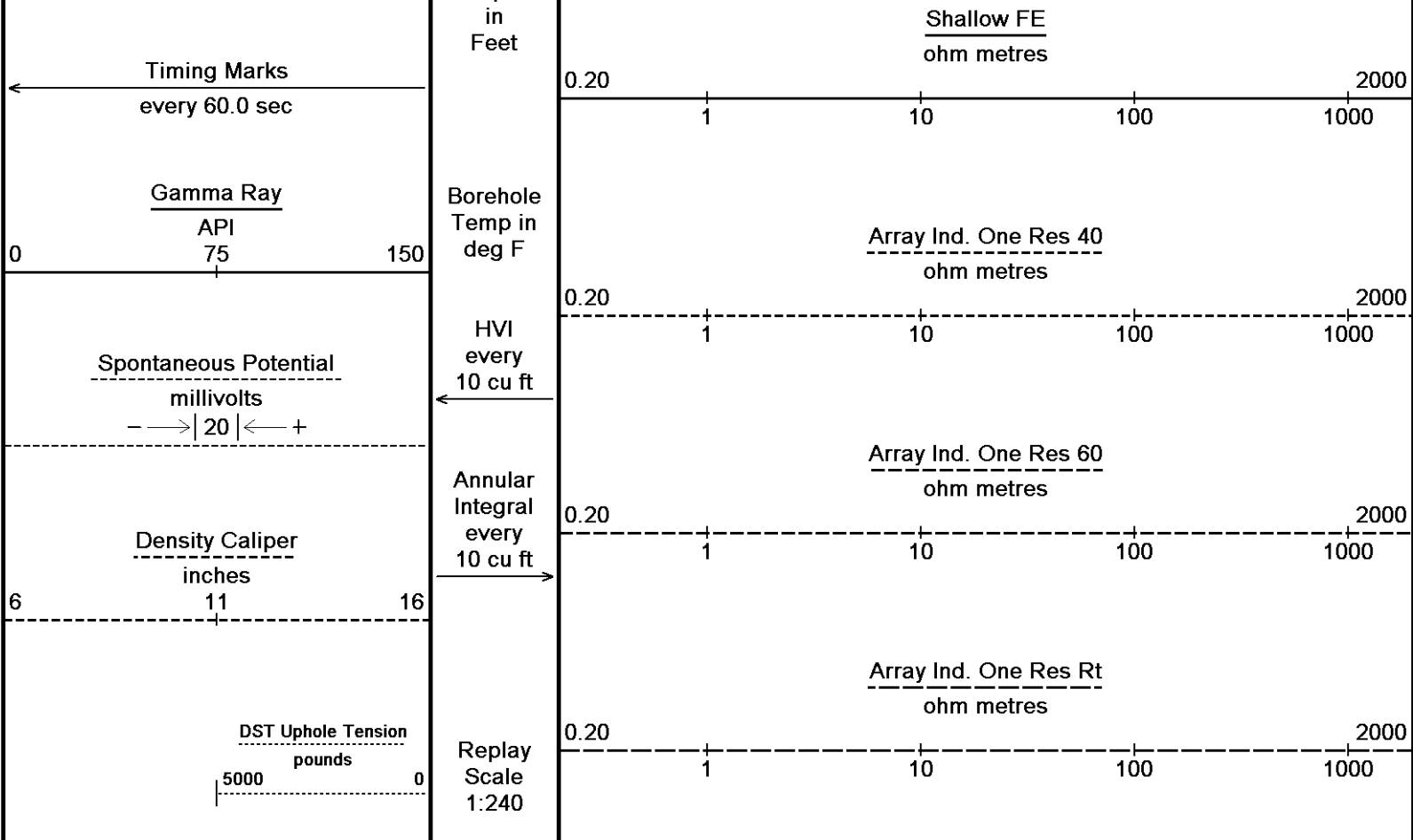
↑ 5 INCH MAIN PASS ↑

↓ 5 INCH REPEAT PASS ↓

Depth Based Data - Maximum Sampling Increment 10.0cm Plotted on 05-JUN-2012 11:30  
 Filename: C:\Minimus 11.03.4044\Data\Shakespeare Carson #1-25\Shakespeare Carson #1-25\_001.dta Recorded on 05-JUN-2012 07:45  
 System Versions: Logged with 11.03.4044 Plotted with 11.03.4044







Depth Based Data - Maximum Sampling Increment 10.0cm Plotted on 05-JUN-2012 11:30  
 Filename: C:\Minimus 11.03.4044\Data\Shakespeare Carson #1-25\Shakespeare Carson #1-25\_001.dta Recorded on 05-JUN-2012 07:45  
 System Versions: Logged with 11.03.4044 Plotted with 11.03.4044

↑ **5 INCH REPEAT PASS** ↑

**BEFORE SURVEY CALIBRATION**  
 C:\Minimus 11.03.4044\Data\Shakespeare Carson #1-25\Shakespeare Carson #1-25\_001.dta

General Constants All 000 Last Edited on 05-JUN-2012,07:09

<b>General Parameters</b>		
Mud Resistivity	0.460	ohm-metres
Mud Resistivity Temperature	85.000	degrees F
Water Level	0.000	feet
Density/Neutron Processing	Wet Hole	
<b>Hole/Annular Volume and Differential Caliper Parameters</b>		
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	
<b>Rwa Parameters</b>		
Porosity used	Base Density Porosity	
Resistivity used	Array Ind. Four Res Rt	
RWA Constant A	0.610	
RWA Constant M	2.150	

Gamma Calibration MCG-C 84 Field Calibration on 31-MAY-2012 09:46

	Measured	Calibrated (API)
Background	66	44
Calibrator (Gross)	1148	769
Calibrator (Net)	1082	725

Gamma Constants MCG-C 84 Last Edited on 05-JUN-2012,06:12

Gamma Calibrator Number	GR38	
Mud Density	1.12	gm/cc
Caliper Source for Processing	Density Caliper	
Tool Position	Eccentred	
Concentration of KCl	0.00	kppm

SP Calibration MCG-C 84

Field Calibration on 28-MAY-2012,07:31

	Measured	Calibrated (mV)
Reference 1	103.5	100.0
Reference 2	-96.9	-100.0

High Resolution Temperature Calibration MCG-C 84

Field Calibration on 28-MAY-2012,07:32

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

High Resolution Temperature Constants MCG-C 84

Last Edited on

Pre-filter Length 11

Caliper Calibration MML-A 16

Base Calibration on 23-MAY-2012 11:59

Field Calibration on 31-MAY-2012 09:39

Base Calibration

Reading No	Measured	Calibrator Size (in)
1	14501	5.98
2	17771	7.97
3	21107	9.86
4	24905	11.92
5	0	0.00
6	N/A	N/A

Field Calibration

Measured Caliper (in)	Actual Caliper (in)
6.01	5.98

Micro Normal and Micro Inverse Calibration MML-A 16

Base Calibration on 23-MAY-2012 12:04

Field Check on 31-MAY-2012 09:40

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 Inverse	15.6	78.3	5.0	25.0	

Channel	Base Check (ohm-m)	Field Check (ohm-m)
Micro Normal	62.9	62.9
Micro Inverse	48.2	48.2

Micro Normal and Micro Inverse Constants MML-A 16

Last Edited on 05-JUN-2012,06:12

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 65

Base Calibration on 23-MAY-2012 14:31

Field Check on 31-MAY-2012 09:51

Base Calibration

	Measured		Calibrated (cps)	
	Near	Far	Near	Far
	3164	98	3714	110
Ratio	32.187		33.764	

Field Calibrator at Base

	Calibrated (cps)	
	1615	2315
Ratio	0.697	

Field Check

	Calibrated (cps)	
	1630	2345
Ratio	0.695	

Neutron Constants MDN-A B 65

Last Edited on 05-JUN-2012 06:12

Neutron Source Id	PN-521	
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	Constant Value	
Formation Pressure	0.00	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 55

Base Calibration on 23-MAY-2012 09:37

Field Check on 31-MAY-2012 09:30

Base Calibration		
	Measured	Calibrated (ohm-m)
Reference 1	0.0	0.0
Reference 2	951.5	126.8
Base Check		281.5
Field Check		281.6

FE Constants MFE-A.A 55

Last Edited on 05-JUN-2012,06:11

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

Sonic Constants MSS-C.K 330

Last Edited on 05-JUN-2012,06:11

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 Sonic	
Correction for Sonde Skew	Applied	
Cycle Stretch Algorithm	Applied	
MN3FT	N/A	micro-sec
MX3FT	N/A	micro-sec
Hunt-Raymer Constant	83.13	micro-sec/ft

Sonde Mode	Compensated
Hole Type	Open Hole

Sonde Parameters

	Measured	Calibrated
Offset	N/A	0.0000
Free Pipe	N/A	N/A
Peak Amplitude Source		N/A

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)	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A

#### Full Waveform Parameters

Use 3' Waveform to derive TR	N/A	
Use 4' Waveform to derive TR	N/A	
Use 5' Waveform to derive TR	N/A	
Use 6' Waveform to derive TR	N/A	
3' Waveform Discriminator Level	N/A	mV
4' Waveform Discriminator Level	N/A	mV
5' Waveform Discriminator Level	N/A	mV
6' Waveform Discriminator Level	N/A	mV
3' Waveform Filter	N/A	
4' Waveform Filter	N/A	
5' Waveform Filter	N/A	
6' Waveform Filter	N/A	
Semblance Level	N/A	
Semblance Window Width	N/A	micro-sec
Sonic 1 Despiker	N/A	N/A
Sonic 2 Despiker	N/A	N/A

#### Induction Calibration MAI-A.A 45

Base Calibration on 12-JAN-2012,13:34  
Field Check on 31-MAY-2012 09:29

##### Base Calibration

##### Test Loop Calibration

Channel	Measured		Calibrated (mmho/m)	
	Low	High	Low	High
1	14.4	472.6	9.3	966.2
2	5.7	374.0	7.6	821.4
3	3.4	261.2	5.2	566.0
4	2.5	133.9	2.6	279.2

Array Temperature 79.4 Deg F

Channel	Base Check (mmho/m)		Field Check (mmho/m)	
	Low	High	Low	High
1	0.0	0.0	18.3	3851.3
2	0.0	0.0	31.6	3629.3
3	0.0	0.0	28.5	3049.3
4	0.0	0.0	18.2	2079.0
Deep	0.0	0.0	16.0	1911.0
Medium	0.0	0.0	42.4	4060.5
Shallow	0.0	0.0	49.4	5483.1

Array Temperature 0.0 70.7 Deg F

#### Induction Constants MAI-A.A 45

Last Edited on 05-JUN-2012,06:11

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	

High Resolution Temperature Calibration MAI-A.A 45

Field Calibration on 12-JAN-2012,13:36

	Measured	Calibrated(Deg F)
Lower	50.00	50.00
Upper	100.00	100.00

High Resolution Temperature Constants MAI-A.A 45

Last Edited on 12-JAN-2012,11:13

Pre-filter Length	11
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Caliper Calibration MPD-B 59

Base Calibration on 16-MAY-2012 14:32  
Field Calibration on 31-MAY-2012 09:33

Base Calibration

Reading No	Measured	Calibrator Size (in)
1	19200	3.99
2	29152	5.98
3	39216	7.97
4	48949	9.86
5	60064	11.92
6	N/A	N/A

Field Calibration

Measured Caliper (in)	Actual Caliper (in)
5.93	5.98

Photo Density Calibration MPD-B 59

Base Calibration on 16-MAY-2012 14:49  
Field Check on 31-MAY-2012 09:38

Density Calibration

Base Calibration		Measured	Calibrated (sdu)	
		Near	Far	Far
Reference 1	49293	24802	59556	30836
Reference 2	20819	2436	24941	2541

Field Check at Base

1213.5	1290.5
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Field Check

1206.1	1292.9
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PE Calibration

Base Calibration		Measured	Calibrated	
	WS	WH	Ratio	Ratio
Background	220	1092		
Reference 1	18022	49118	0.371	0.371
Reference 2	5449	20689	0.267	0.272

Field Check at Base

220.3	1091.9
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Field Check

221.9	1084.8
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Density Source Id	254	
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	1.12	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	0.00

### DOWNHOLE EQUIPMENT

C:\Minimus 11.03.4044\Data\Shakespeare Carson #1-25\Shakespeare Carson #1-25\_001.dta

Compact Comms Gamma  
MCG-C 84 LG: 8.70 ft WT: 63.9 lb OD: 2.24 in

Compact Comms Gamma  
MCG-C 84 LG: 8.70 ft WT: 63.9 lb OD: 2.24 in

Compact Micro-log  
MML-A 16 LG: 7.97 ft WT: 81.6 lb OD: 2.24 in

Compact Micro-log  
MML-A 16 LG: 7.97 ft WT: 81.6 lb OD: 2.24 in

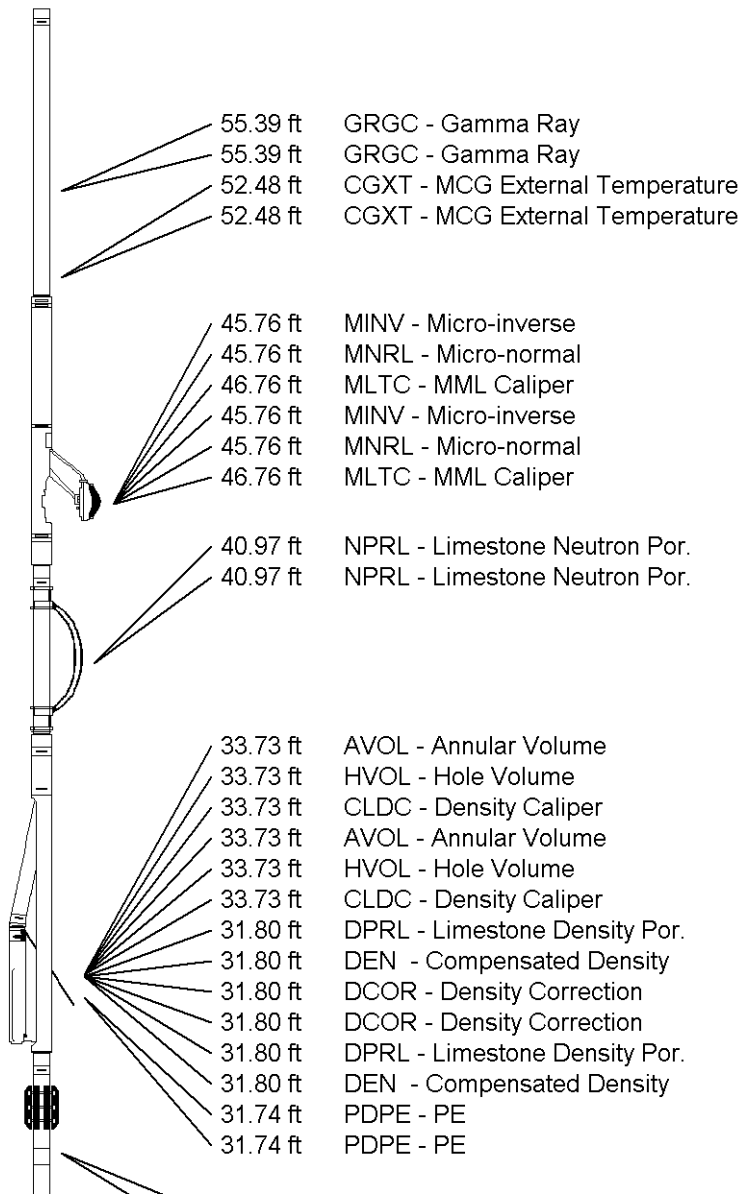
Compact Neutron  
MDN-A.B 65 LG: 5.04 ft WT: 50.7 lb OD: 2.24 in

Compact Neutron  
MDN-A.B 65 LG: 5.04 ft WT: 50.7 lb OD: 2.24 in

Compact Density/Caliper  
MPD-B 59 LG: 9.59 ft WT: 90.4 lb OD: 2.45 in

Compact Density/Caliper  
MPD-B 59 LG: 9.59 ft WT: 90.4 lb OD: 2.45 in

Compact Focussed Electric  
MFE-A.A 55 LG: 6.05 ft WT: 48.5 lb OD: 2.24 in



Compact Focused Electric  
MFE-A.A 55 LG: 6.05 ft WT: 48.5 lb OD: 2.24 in

Compact Sonic  
MSS-C.K 330 LG: 12.52 ft WT: 72.8 lb OD: 2.24 in

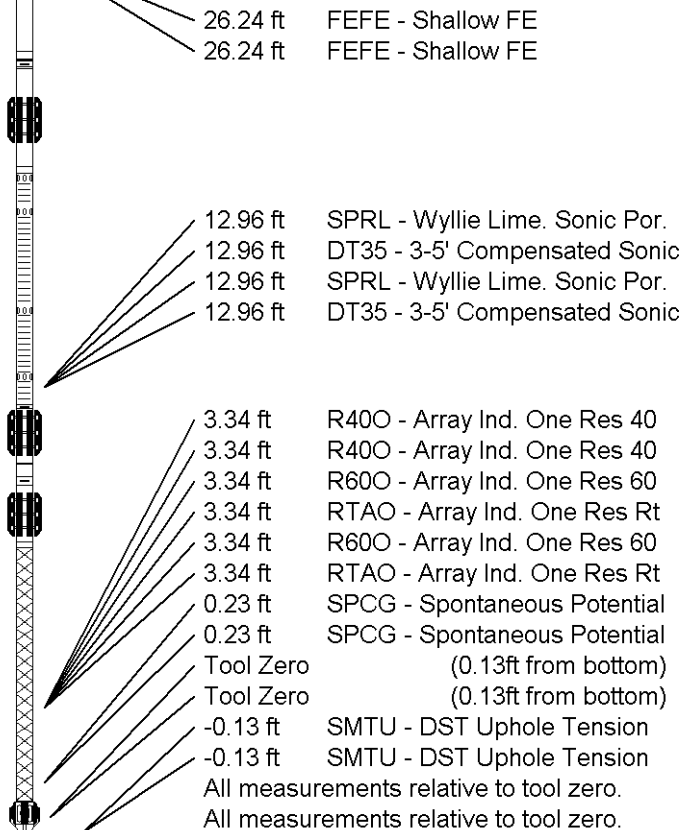
Compact Sonic  
MSS-C.K 330 LG: 12.52 ft WT: 72.8 lb OD: 2.24 in

Compact Induction  
MAI-A.A 45 LG: 10.81 ft WT: 48.5 lb OD: 2.24 in

Compact Induction  
MAI-A.A 45 LG: 10.81 ft WT: 48.5 lb OD: 2.24 in

Total Length: 60.68 ft Weight: 456.4 lb

Total Length: 60.68 ft Weight: 456.4 lb

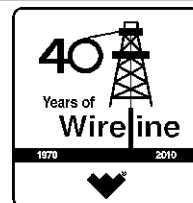


**COMPANY** SHAKESPEARE OIL CO., INC.  
**WELL** CARSON #1-25  
**FIELD** WILDCAT  
**PROVINCE/COUNTY** SCOTT  
**COUNTRY/STATE** U.S.A. / KANSAS

Elevation Kelly Bushing	3114.00	feet	First Reading	4879.00	feet
Elevation Drill Floor	3112.00	feet	Depth Driller	4880.00	feet
Elevation Ground Level	3104.00	feet	Depth Logger	4882.00	feet



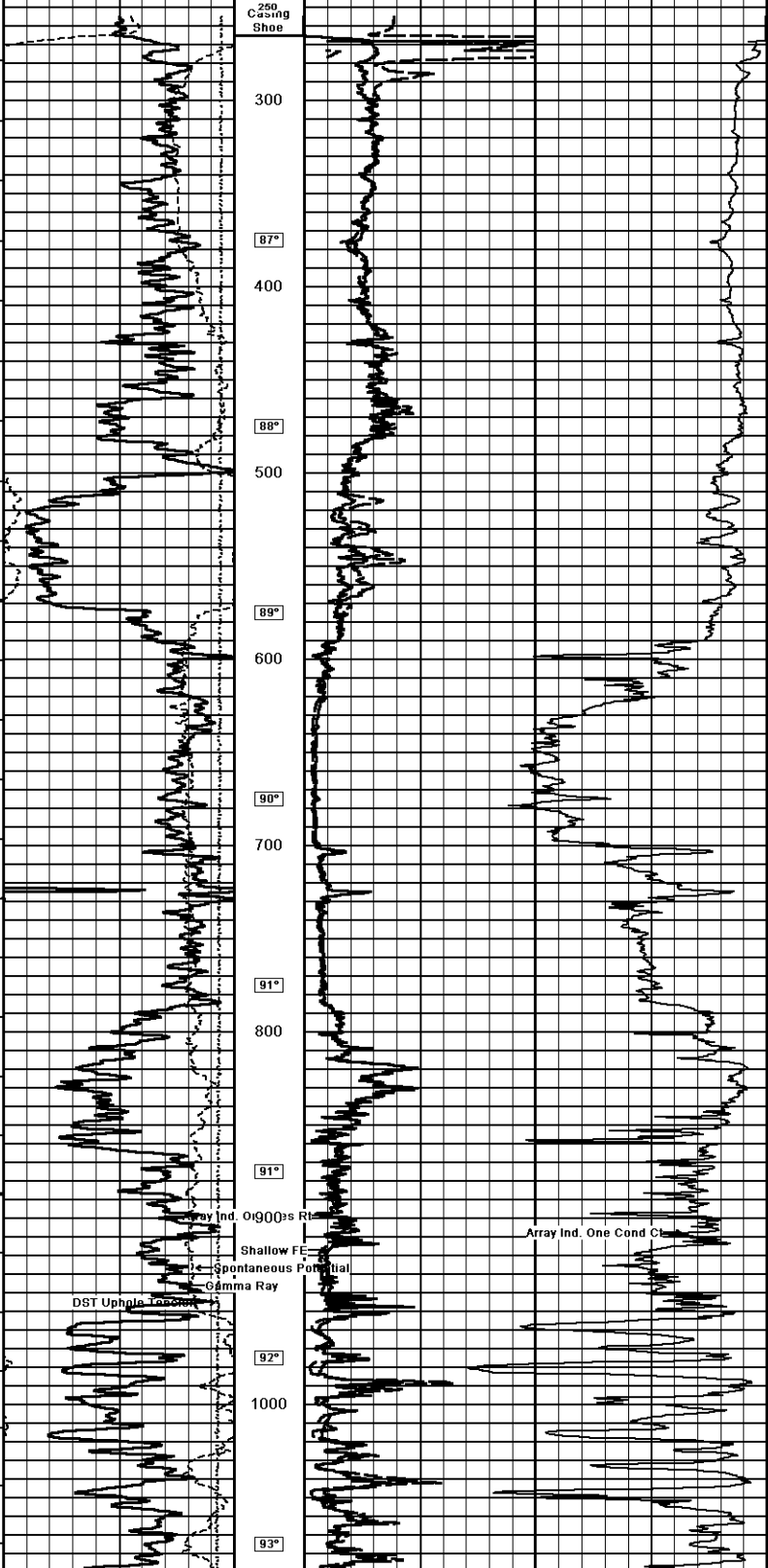
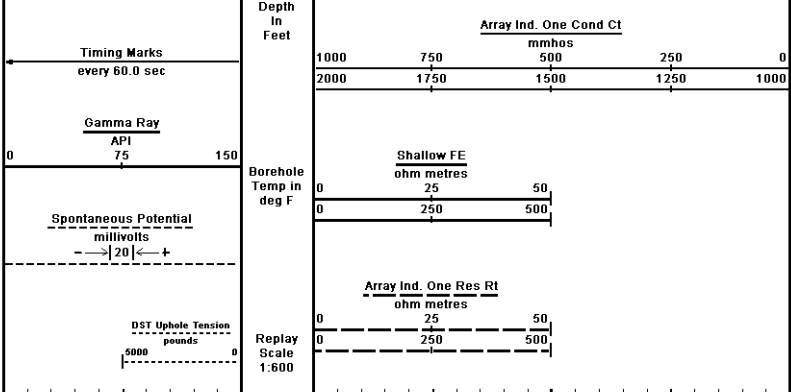
**ARRAY INDUCTION  
SHALLOW FOCUSED  
ELECTRIC LOG**

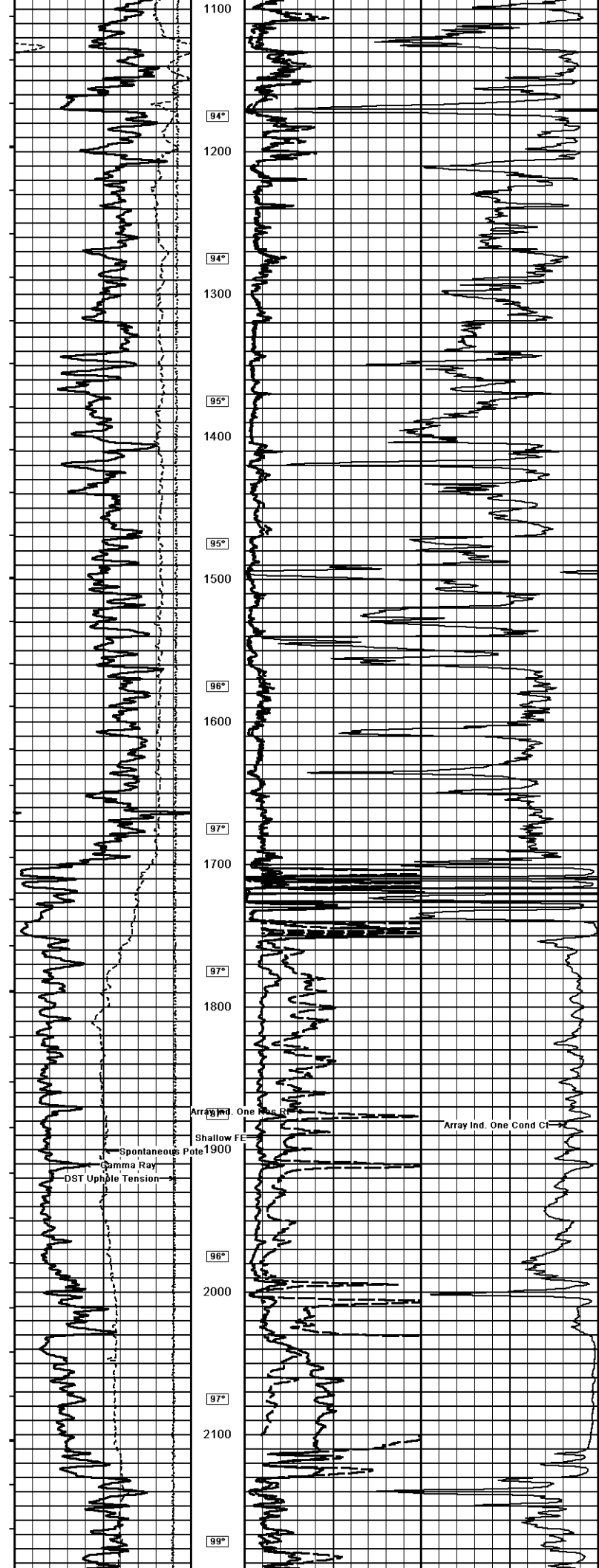


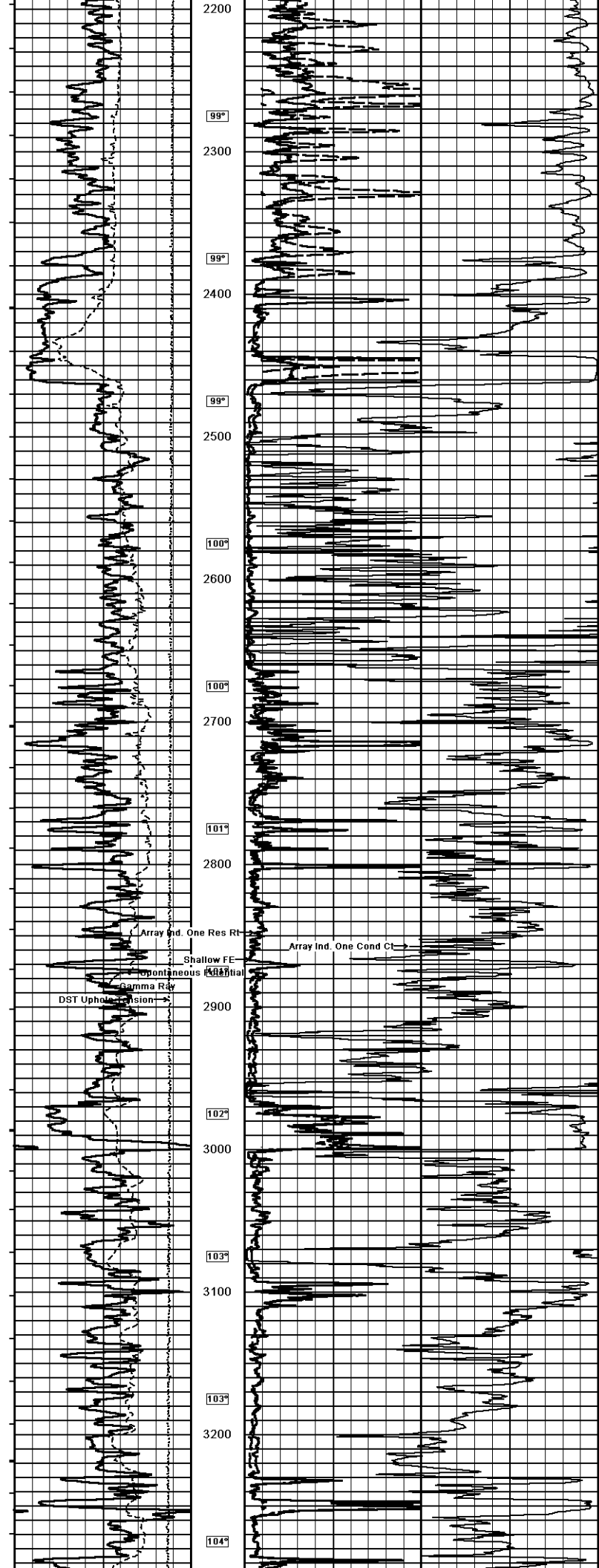
<b>Weatherford</b>		<b>ARRAY INDUCTION SHALLOW FOCUSED ELECTRIC LOG</b>	
COMPANY SHAKESPEARE OIL CO., INC.		WELL CARSON #1-25	
FIELD WILDCAT		PROVINCE/COUNTY SCOTT	
COUNTRY/STATE U.S.A. / KANSAS		LOCATION 1540' FWL & 1130' FWL	
DATE 05-JUN-2012	TIME 18S	TYPE 34W	OTHER SERVICES MMS
PERMIT/Datum G.L. Elevation 3104 feet	LOG MEASURED FROM KB	LOG MEASURED FROM KB	LOG MEASURED FROM KB
DATE 05-JUN-2012	RUN NUMBER ONE	DEPTH DRILLER 4882.00	FEET
DEPTH LOGGER 4879.00	FEET	FIRST READING 4879.00	FEET
CASE READING 385.00	FEET	CASE DRILLER 264.00	FEET
CASING LOGGER 265.00	FEET	BIT SIZE 7.875	INCHES
HOSE FLUID TYPE CHEMICAL	DENSITY/VISCOSITY 9.30	IBU/Sq	62.00
CPH/FLUID LOSS 9.50	FLOWLINE 10.40	MIN/30MIN	
SAMPLE SOURCE FLOWLINE	RTM @ MEASURED TEMP 0.46 @ 85.0	OHM-IN	
RTM @ MEASURED TEMP 0.37 @ 85.0	OHM-IN		
RTM @ MEASURED TEMP 0.35 @ 85.0	OHM-IN		
SOURCE RTM/RTMC CALC	RTM @ BHT 0.35 @ 113.0	OHM-IN	
TIME SINCE CIRCULATION 5 HOURS	deg F		
MAX RECORDED TEMP 113.00	COMPACT		
EQUIPMENT/BASE 113057	LIB		
RECORDED BY ADAM SILL			
WITNESSED BY TIM PRESTI			
LOG # 008#	3534985	LET 2-140	

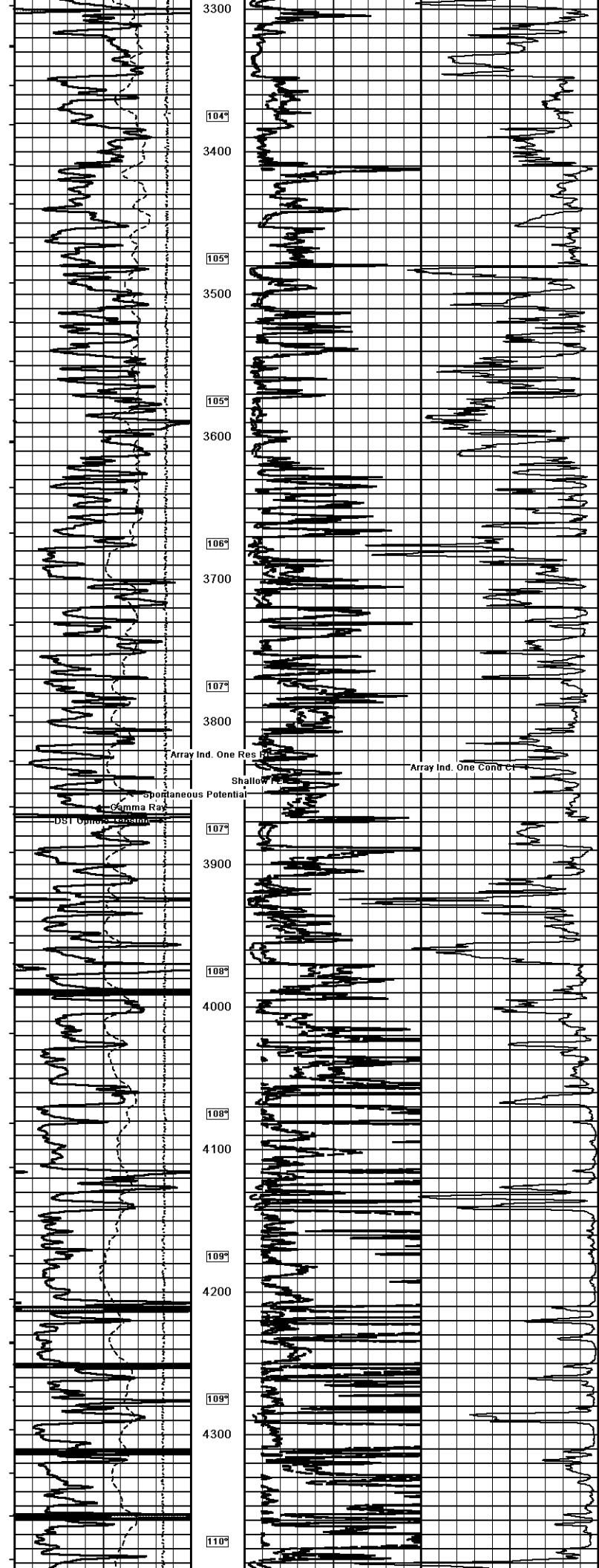
1 INCH MAIN PASS

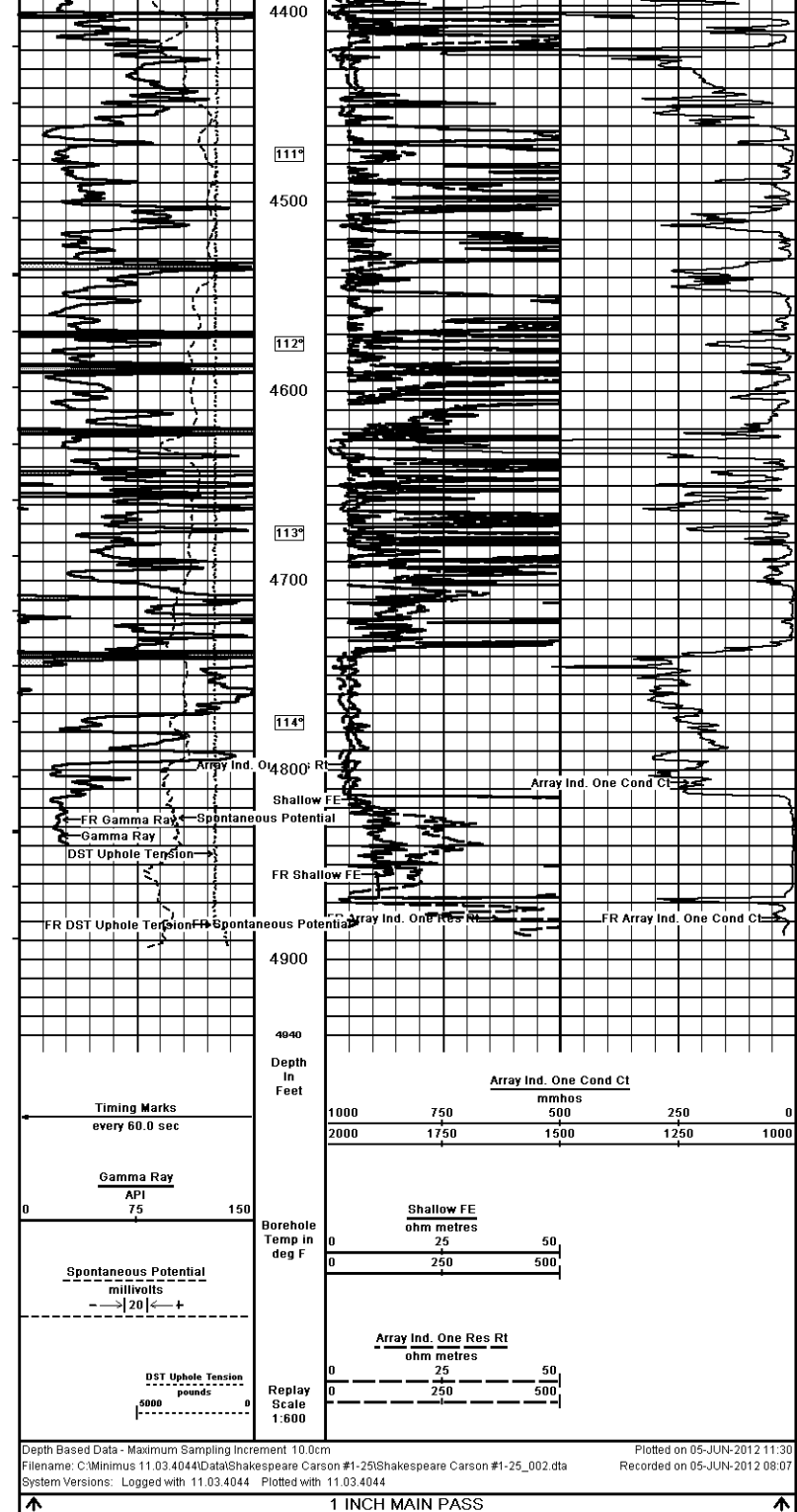
Depth Based Data - Maximum Sampling Increment 10.0cm  
Filename: C:\Minimus 11.03.4044\Data\Shakespeare Carson #1-25\Shakespeare Carson #1-25\_002.dta  
System Versions: Logged with 11.03.4044 Plotted with 11.03.4044  
Plotted on 05-JUN-2012 11:30  
Recorded on 05-JUN-2012 09:07











COMPANY	SHAKESPEARE OIL CO., INC.				
WELL	CARSON #1-25				
FIELD	WILDCAT				
PROVINCE/COUNTY	SCOTT				
COUNTRY/STATE	U.S.A. / KANSAS				
Elevation Kelly Bushing	3114.00	feet	First Reading	4879.00	feet
Elevation Drill Floor	3112.00	feet	Depth Driller	4880.00	feet
Elevation Ground Level	3104.00	feet	Depth Logger	4882.00	feet



ARRAY INDUCTION  
 SHALLOW FOCUSED  
 ELECTRIC LOG

