

**Weatherford**

ARRAY INDUCTION SHALLOW FOCUSED ELECTRIC LOG

COMPANY

STELBAR OIL CORPORATION, INC.

WELL

LPR #1-17

FIELD

WILDCAT

PROVINCE/COUNTY

LOGAN

COUNTRY/STATE

U.S.A. / KANSAS

LOCATION

1230' FSL & 1748' FEL
NW NE SW SE

SEC

TWP

RGE

Other Services
MPD/MDN

17

15S

33W

MML

API Number

15-109-21146

MSS

Permit Number

Permanent Datum G.L., Elevation 2944 feet

Log Measured From KB

Drilling Measured From K.B.

Date

07-JAN-2013

Run Number

ONE

Service Order

3537802

Depth Driller

4685.00

feet

Depth Logger

4686.00

feet

First Reading

4683.00

feet

Last Reading

304.00

feet

Casing Driller

303.00

feet

Casing Logger

304.00

inches

Bit Size

7.875

Hole Fluid Type

CHEMICAL

lb/USg

Density / Viscosity

9.00

lb/USg

64.00

CP

PH / Fluid Loss

10.50

10.50

Sample Source

FLOWLINE

Rm @ Measured Temp

0.44 @ 79.0

ohm-m

Rmf @ Measured Temp

0.35 @ 79.0

ohm-m

Rmc @ Measured Temp

0.53 @ 79.0

ohm-m

Source Rmf / Rmc

CALC

CALC

Rm @ BHT

0.33 @ 107.0

ohm-m

Time Since Circulation

5 HOURS

Max Recorded Temp

107.00

deg F

Equipment / Base

13096

LIB

Recorded By

LYNN SCOTT

Witnessed By

DAVE GOLDAK

IOB#

LB13-005

 Elevations:
 KB 2951.00
 DF 2950.00
 GL 2944.00

BOREHOLE RECORD

Last Edited: 07-JAN-2013 07:06

Bit Size
inches

7.875

Depth From
feet

304.00

Depth To
feet

4686.00

CASING RECORD

Type

Size
inches

8.625

Depth From
feet

0.00

Shoe Depth
feet

304.00

Weight
pounds/ft

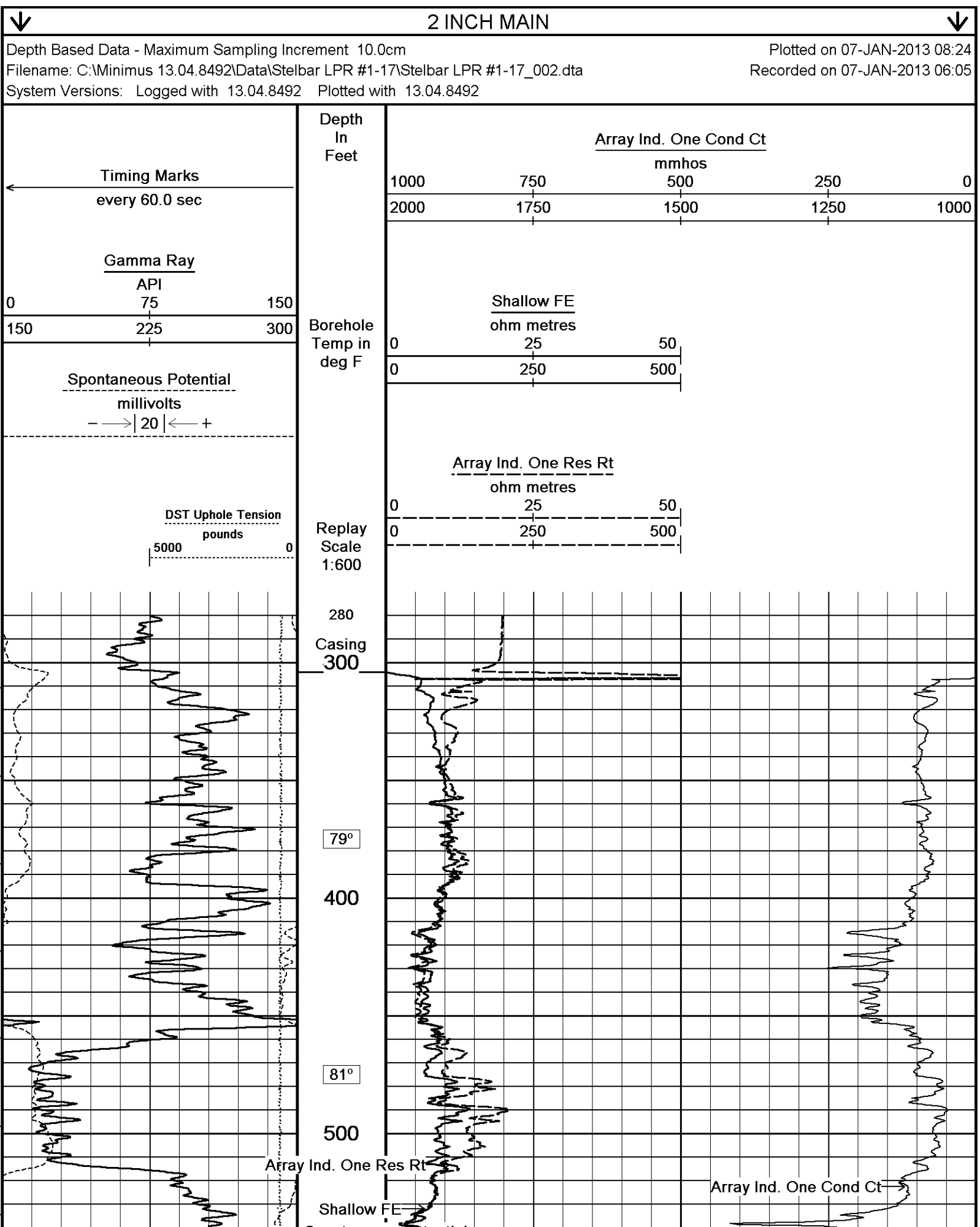
24.00

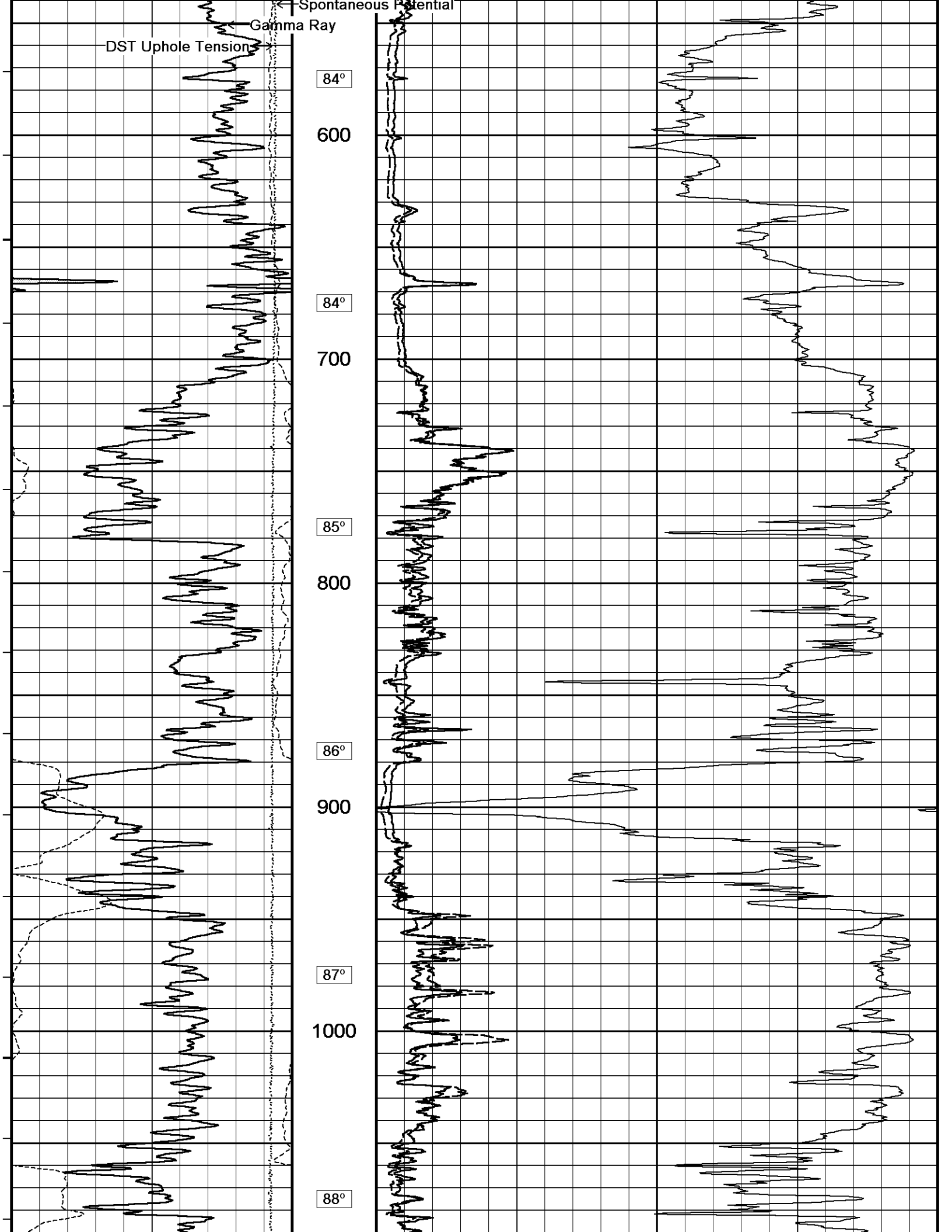
REMARKS

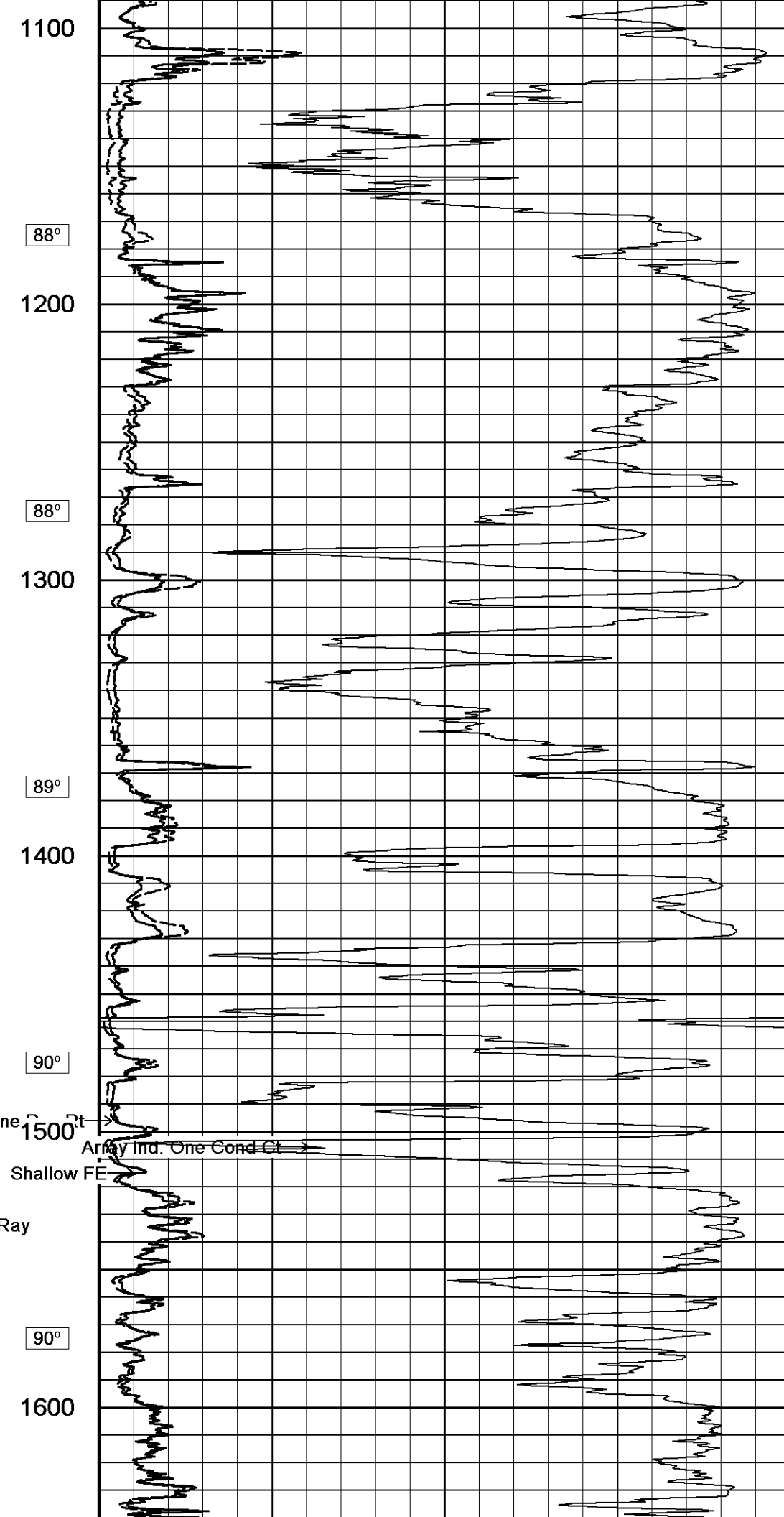
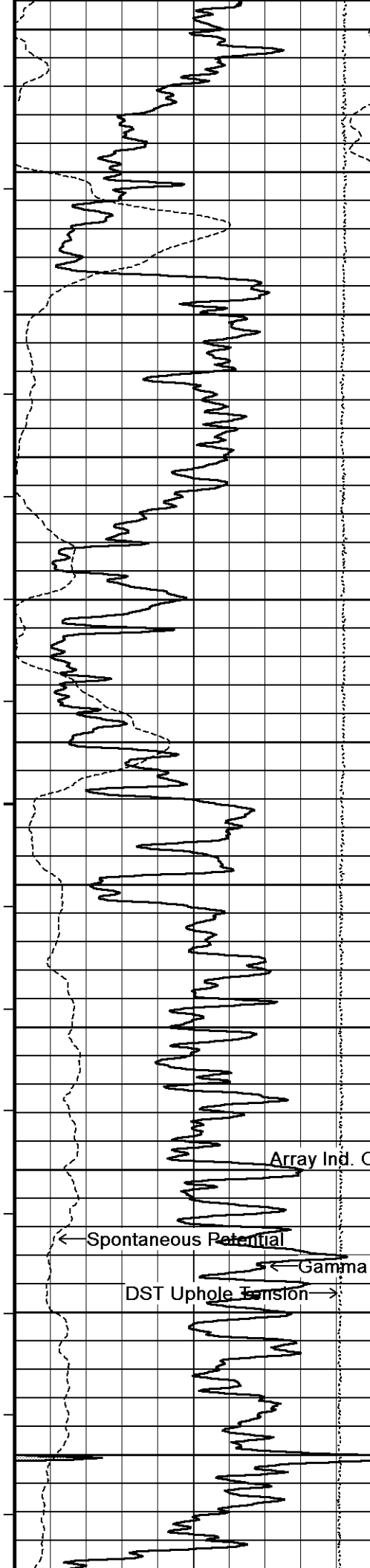
Tools Ran: MCG, MML, MDN, MPD, MFE, MSS, MAI ran in combination.
 Hardware Used: MPD: 8 inch profile plate used. MAI, MSS and MFE: 0.5 inch standoffs used. MDN: Dual Bowspring used.
 2.71 G/CC Limestone Density porosity used to calculate porosity.
 Sonic porosity calculated using a Limestone scale (47.5 usec/ft).
 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= 2171 cubic feet
 Annular hole volume with 5.5 Inch casing from TD to 3400 ft.= 241 cubic feet
 Service order: 3537802
 Rig: Pickrell #10
 Engineer: L. Scott
 Operator(s): B. Reeves

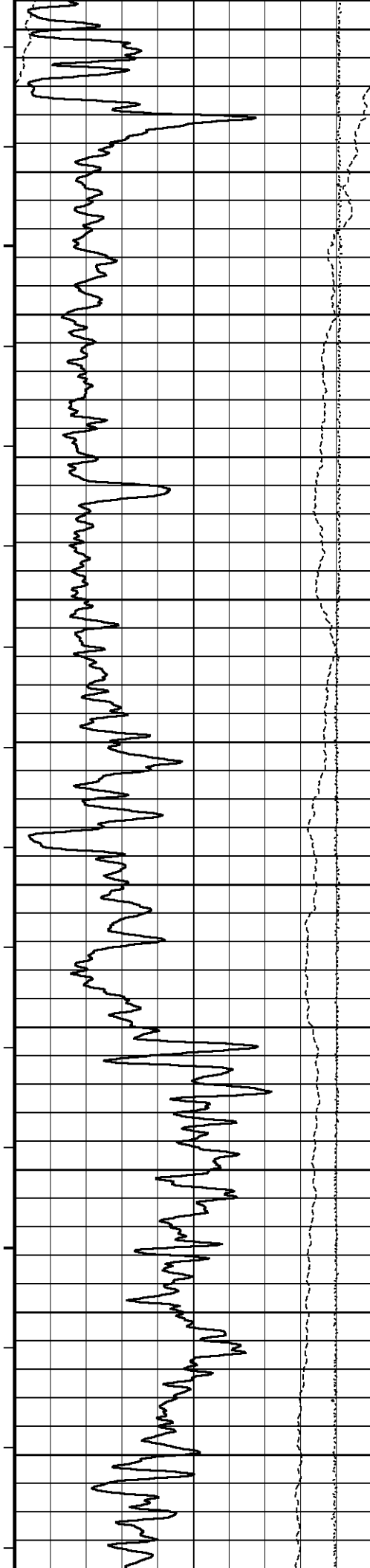
The software duplicates the pH value on the fluid loss. The Fluid loss should be 10.4.

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









91°

1700

92°

1800

91°

1900

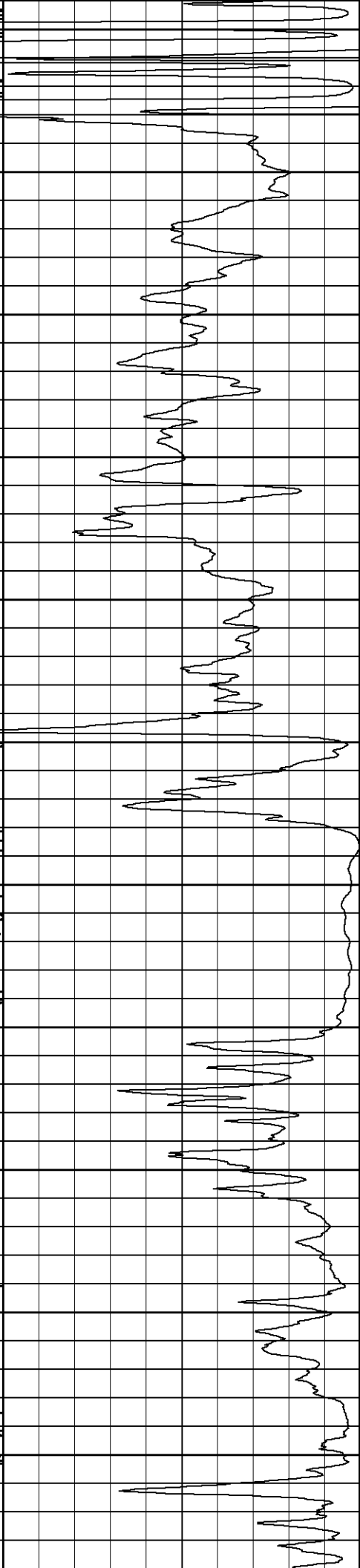
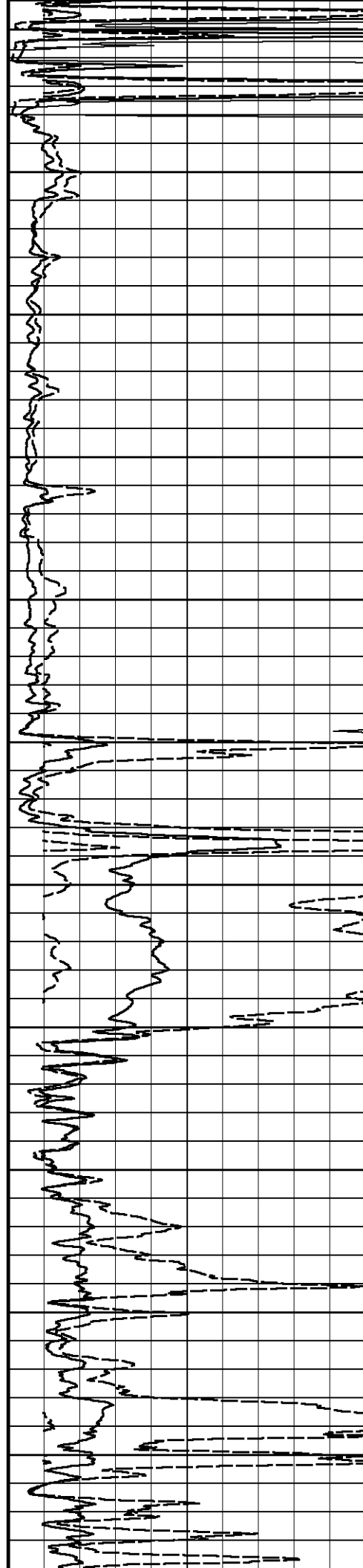
92°

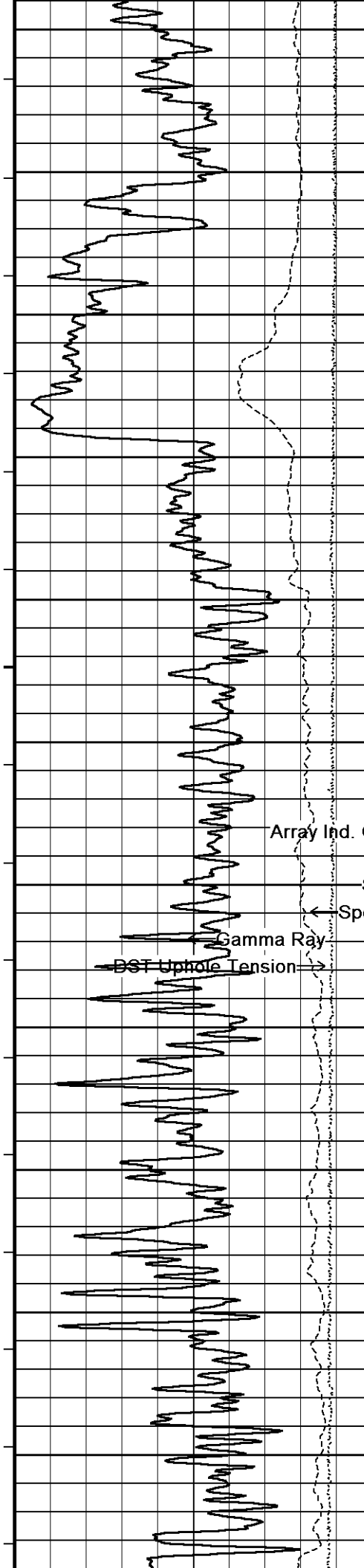
2000

92°

2100

93°





2200

93°

2300

93°

2400

94°

Array Ind. One Res Rt

Sha2500

Spontaneous Potential

Gamma Ray

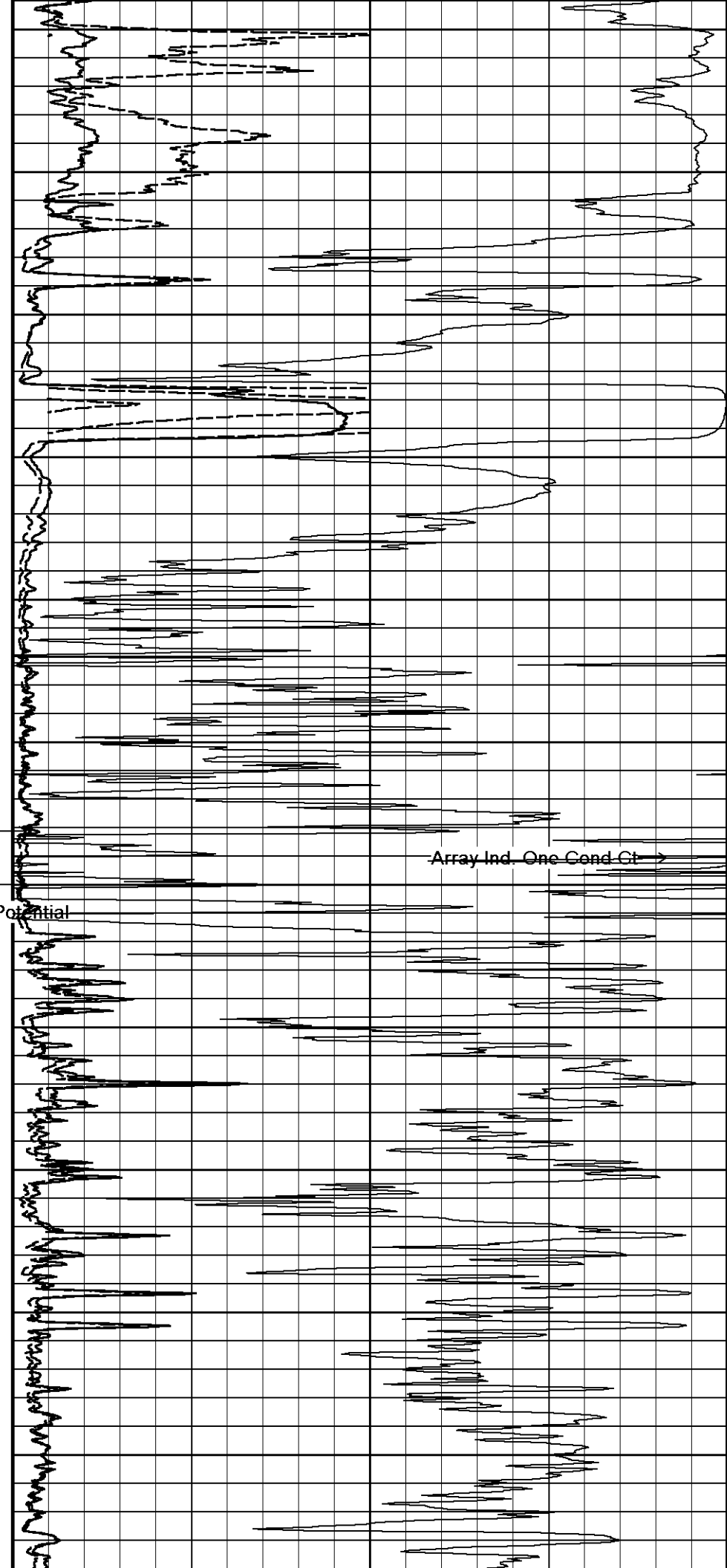
DST Uphole Tension

94°

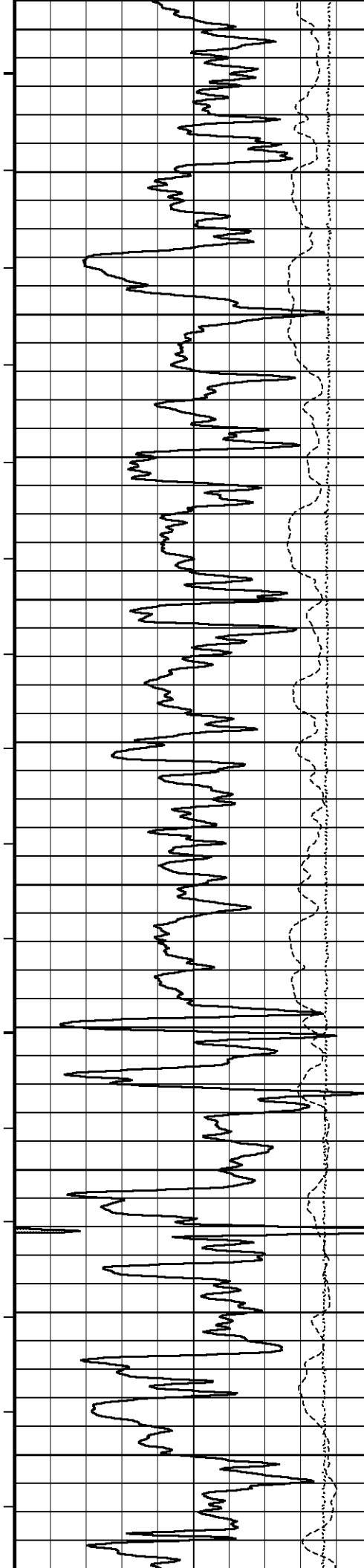
2600

95°

2700



Array Ind. One Cond Ct



95°

2800

95°

2900

96°

3000

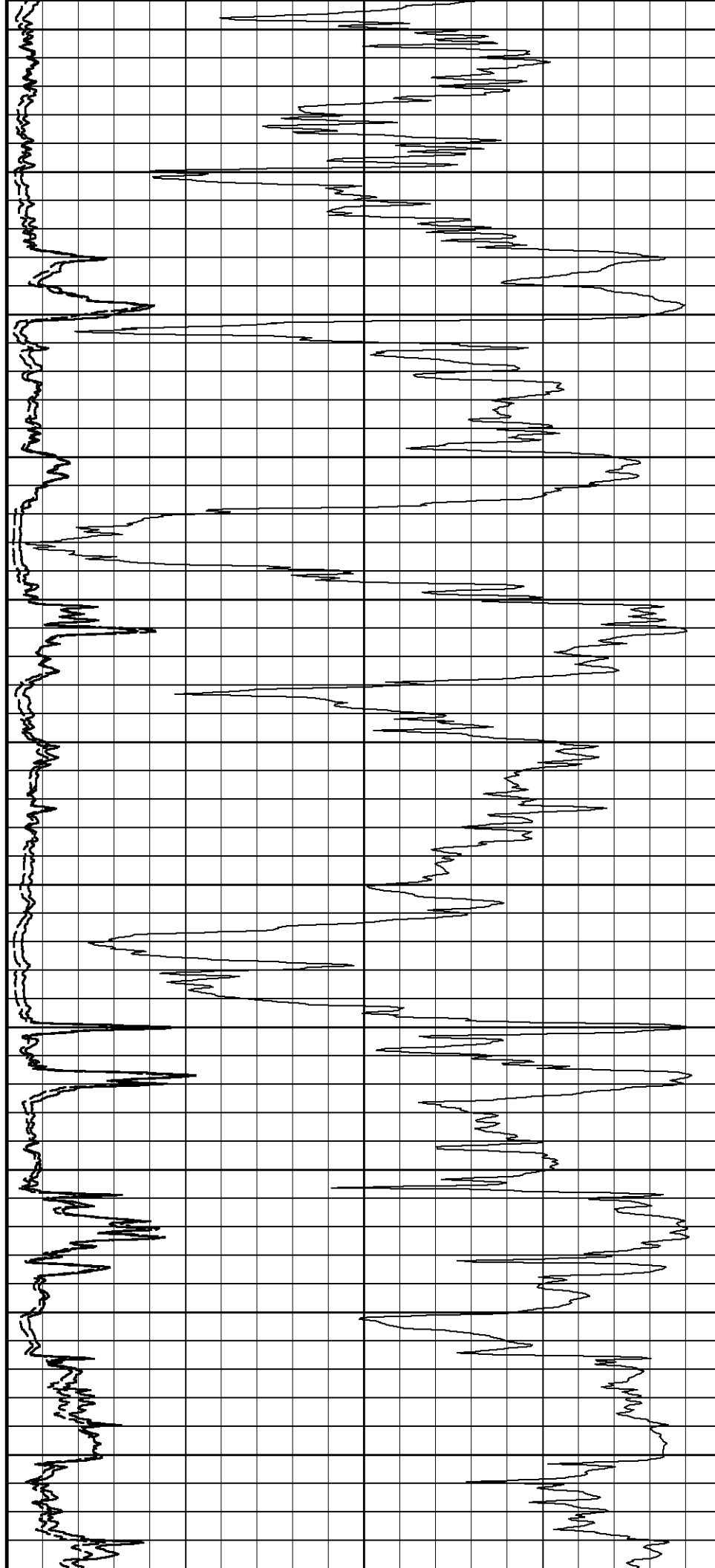
96°

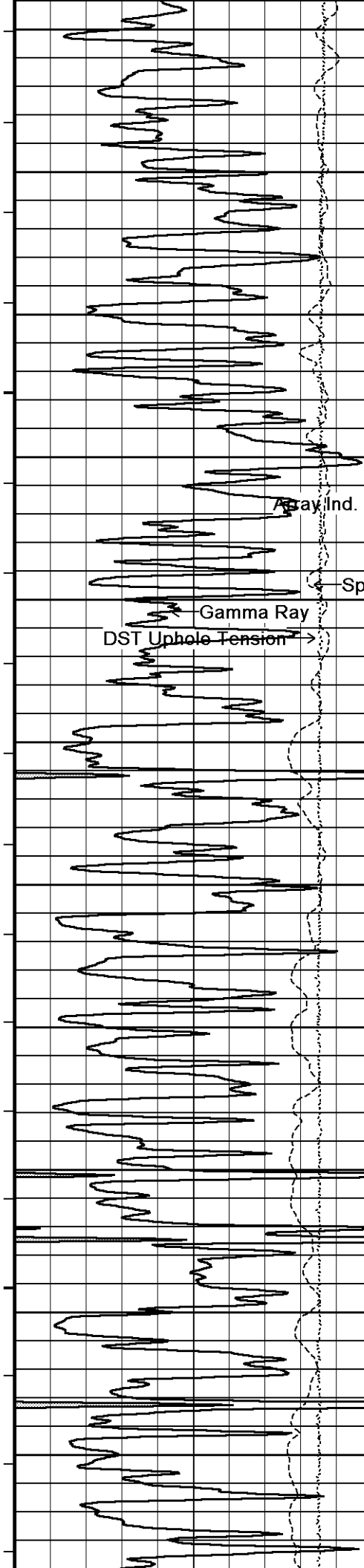
3100

97°

3200

97°





3300

98°

3400

Array Ind. One Res Rt

98°

Shallow FE

Spontaneous Potential

3500

Gamma Ray

DST Uphole Tension

99°

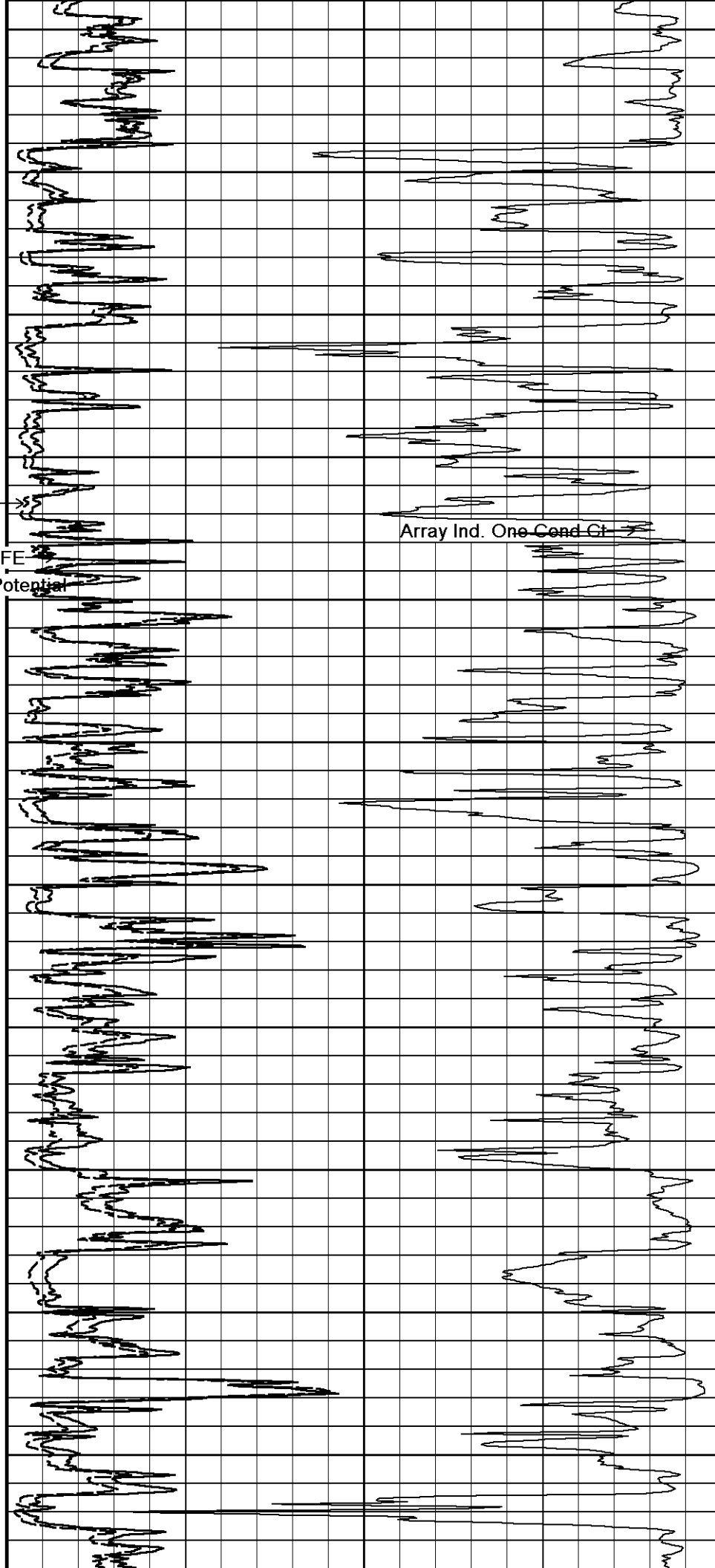
3600

99°

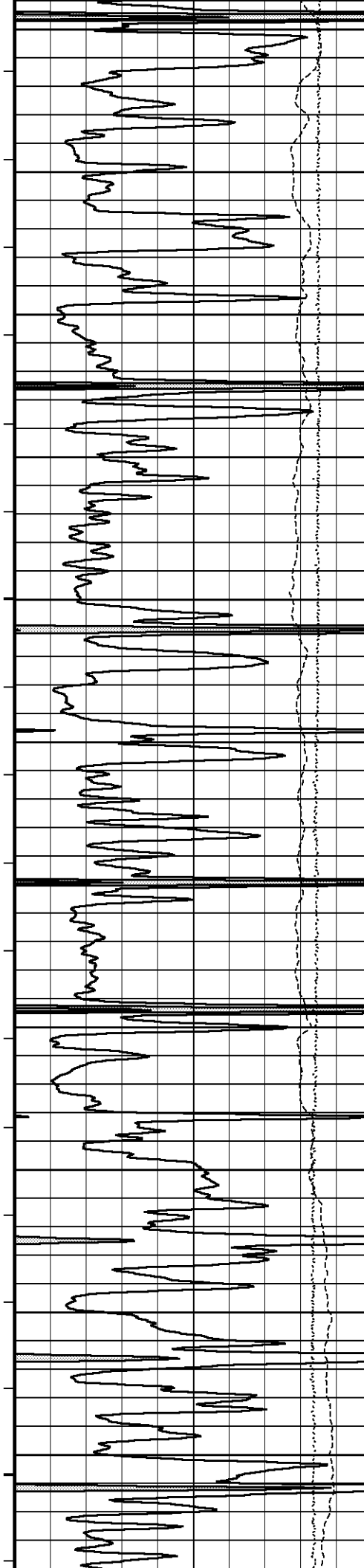
3700

100°

3800



Array Ind. One Cond Ct



100°

3900

100°

4000

101°

4100

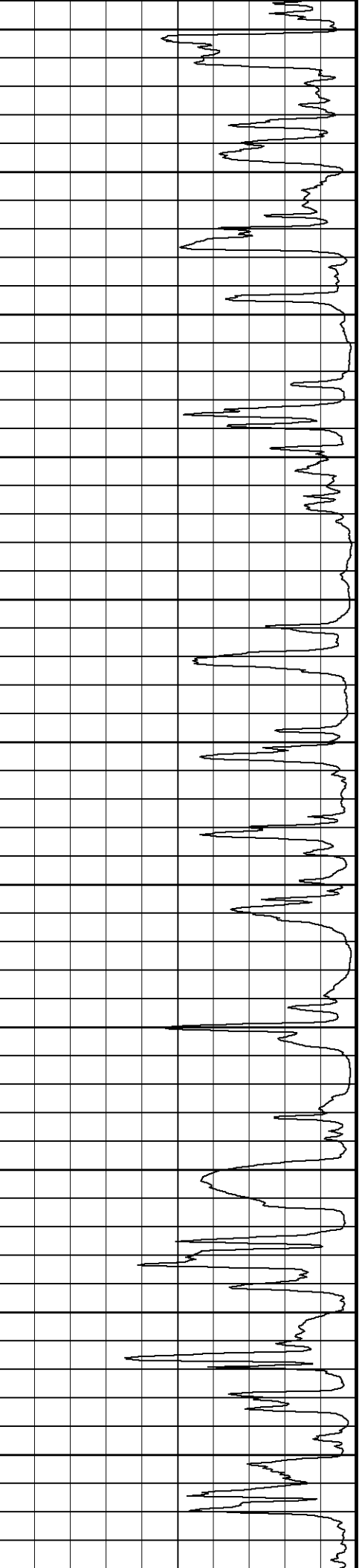
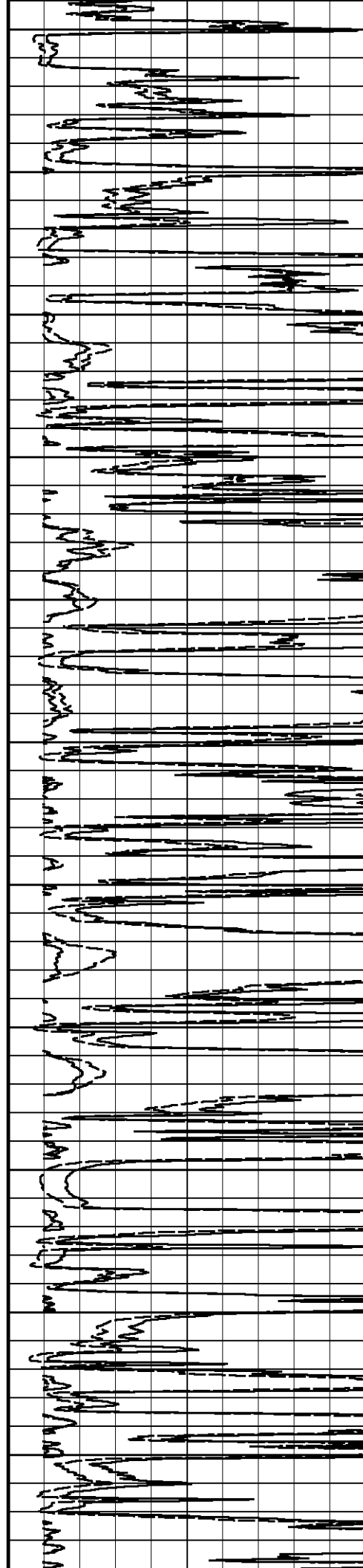
102°

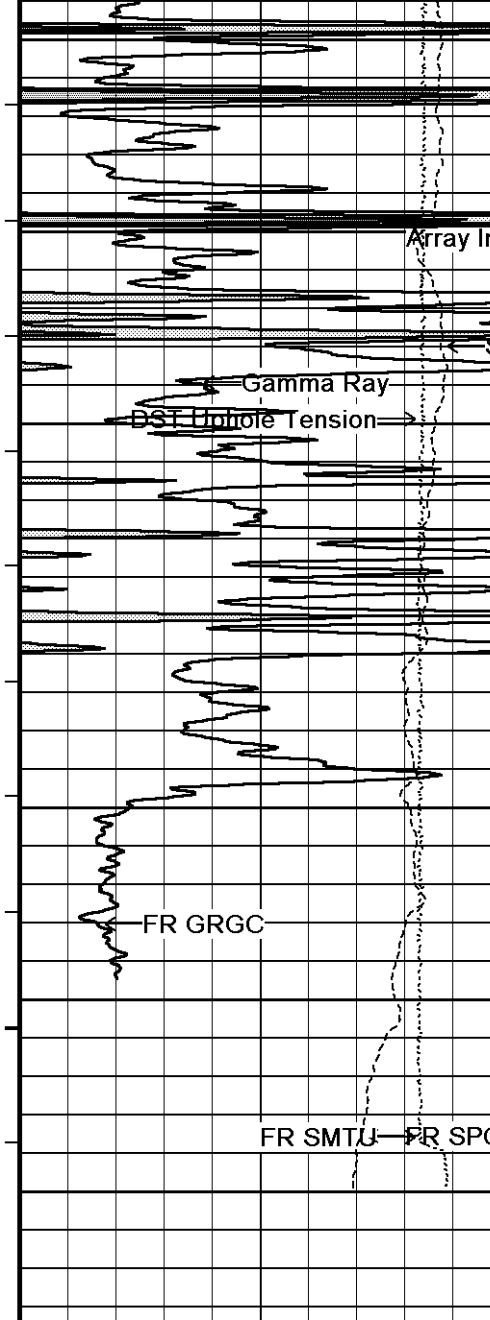
4200

102°

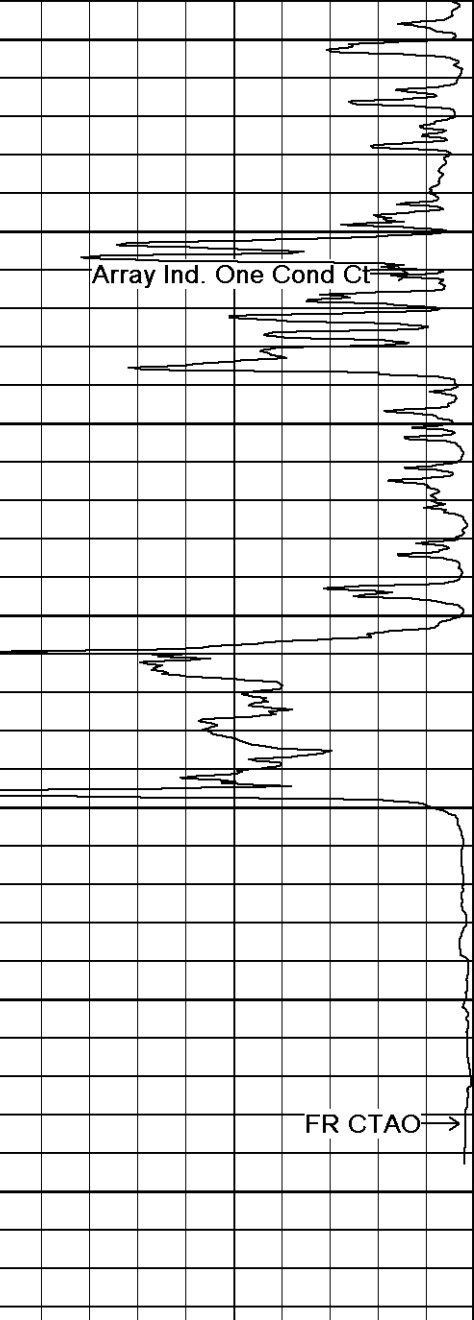
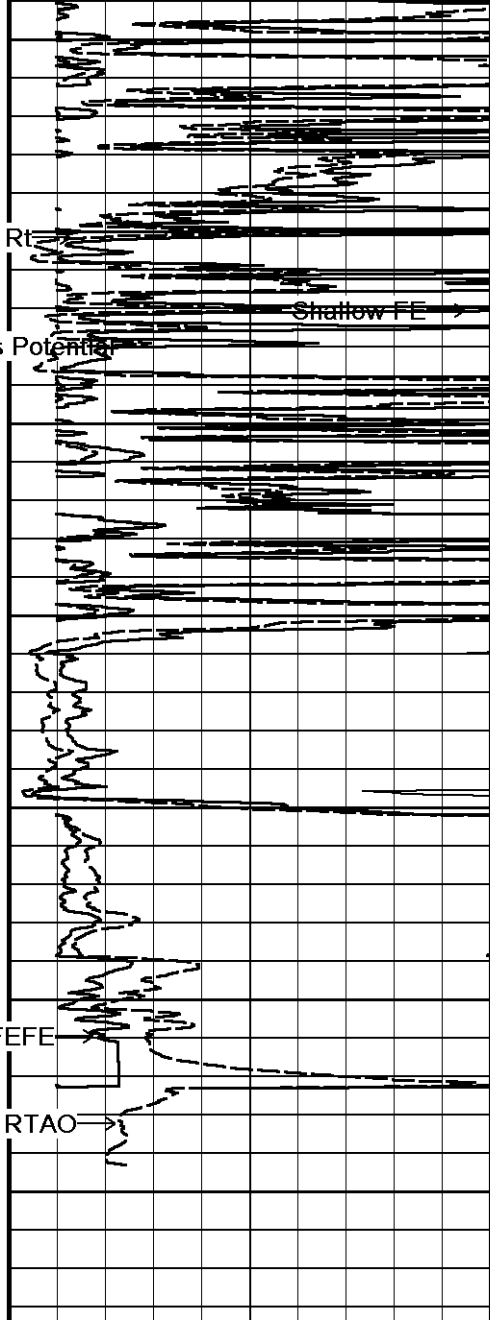
4300

104°

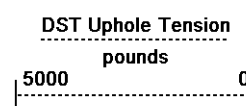
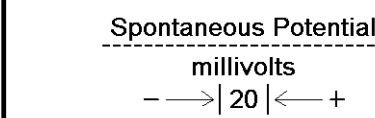
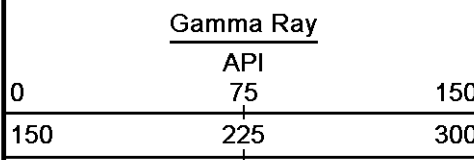




4400
Array Ind. One Res Rt
105°
Spontaneous Potential
4500
107°
4600
FR FEFE
FR RTAO
4700
4730
Depth
In
Feet

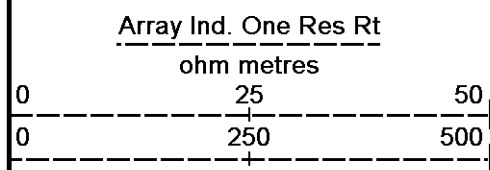
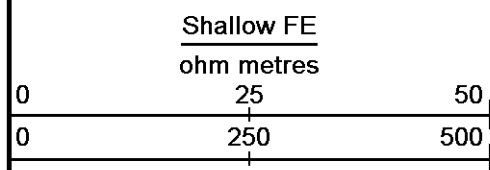
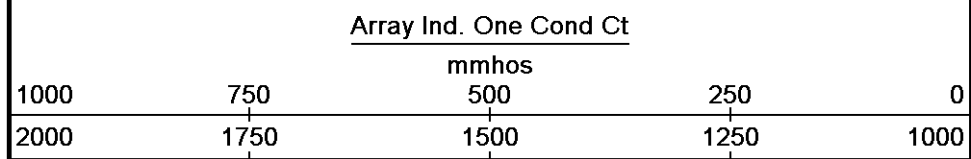


← Timing Marks
every 60.0 sec



Borehole
Temp in
deg F

Replay
Scale
1:600



↑

2 INCH MAIN

↑

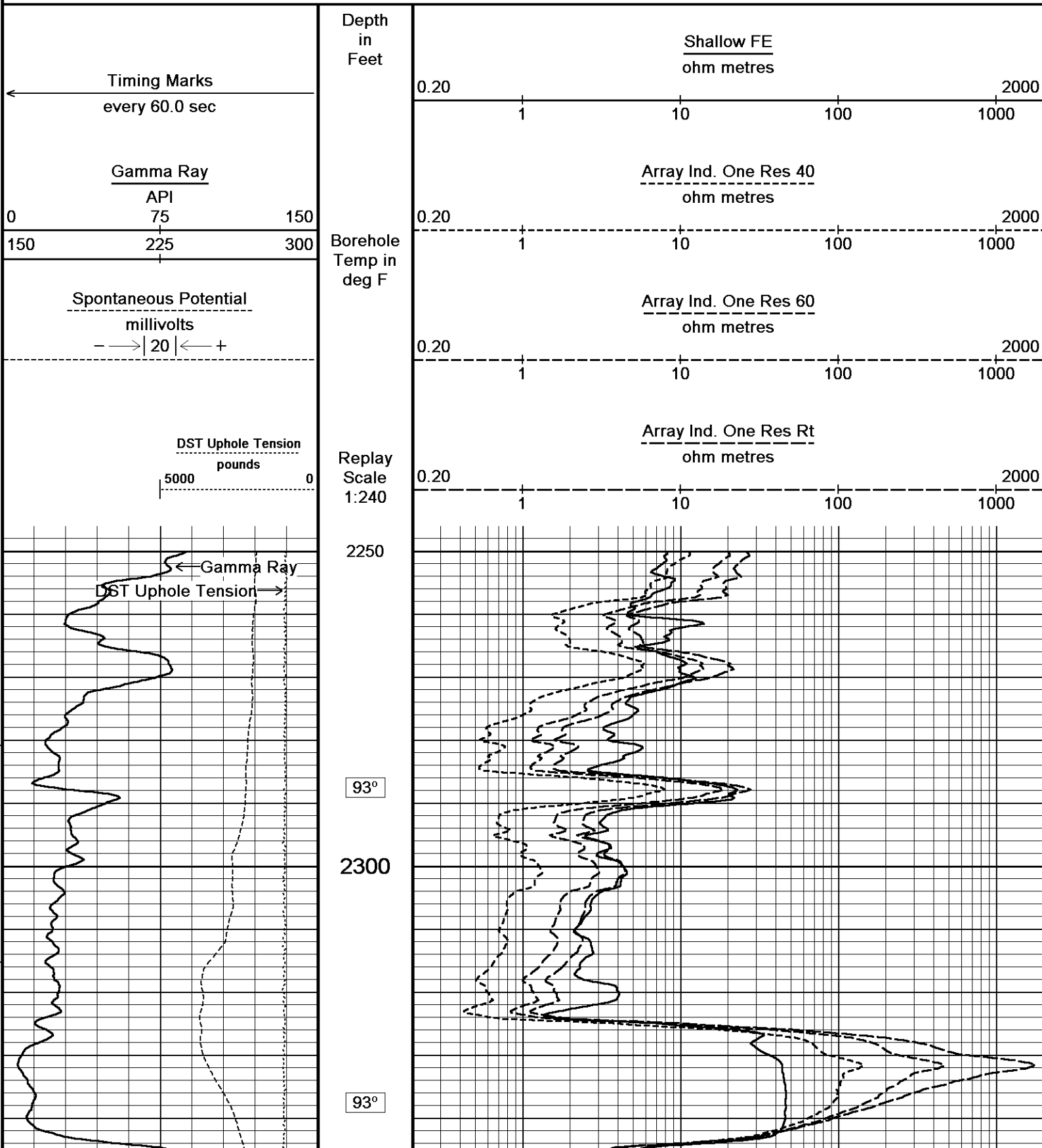
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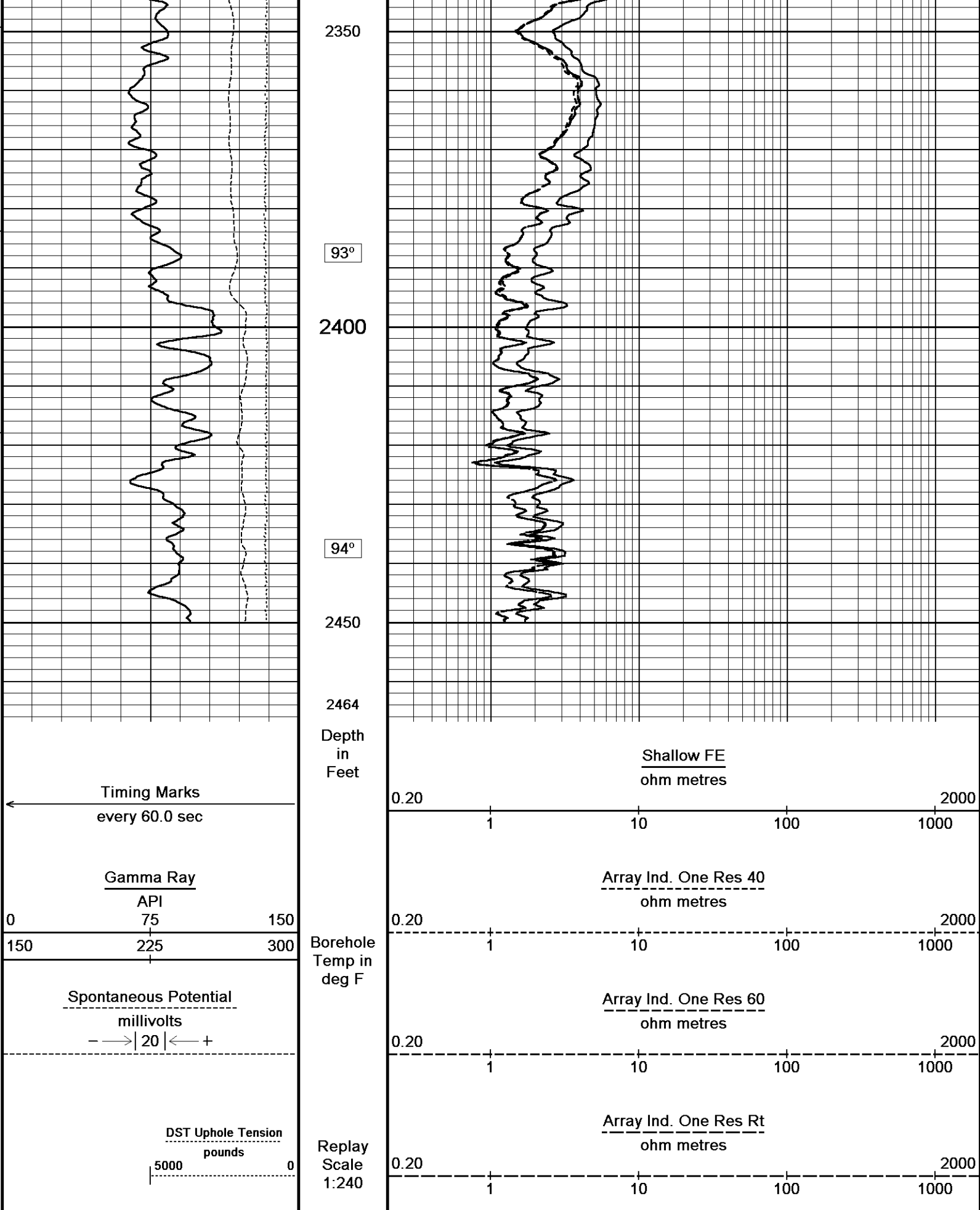
5 INCH MAIN

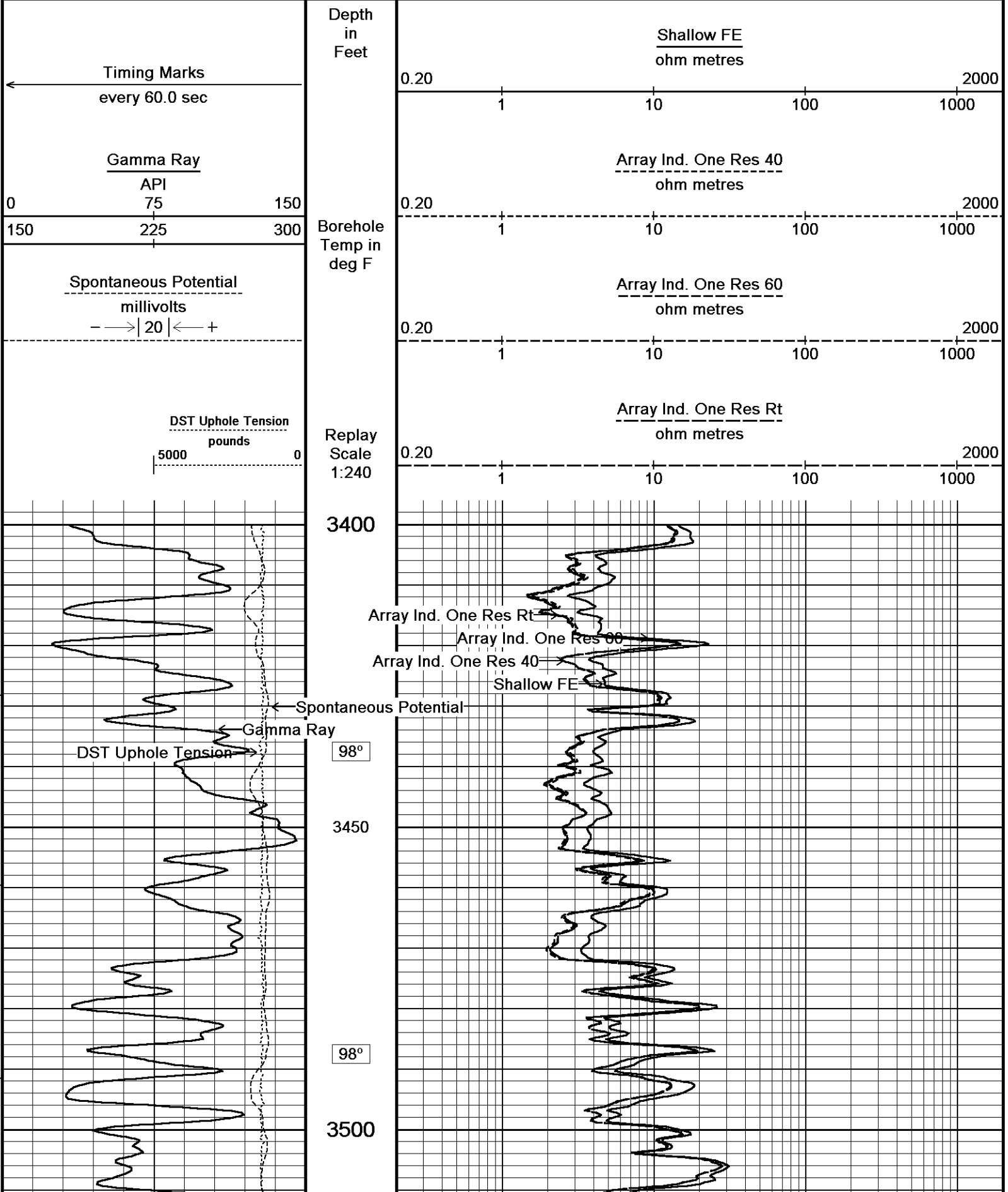
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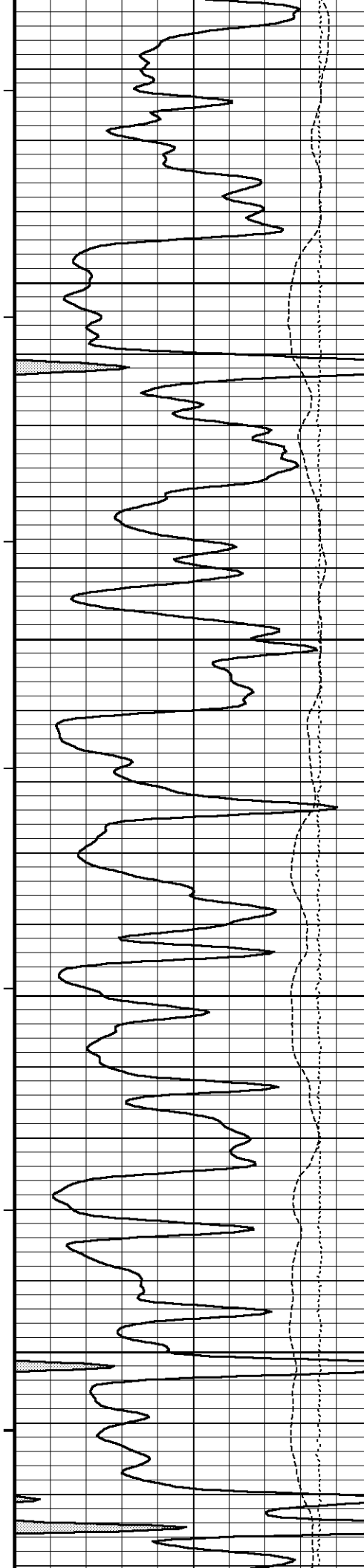
Depth Based Data - Maximum Sampling Increment 10.0cm
Filename: C:\Minimus 13.04.8492\Data\Stelbar LPR #1-17\Stelbar LPR #1-17_002.dta
System Versions: Logged with 13.04.8492 Plotted with 13.04.8492

Plotted on 07-JAN-2013 08:24
Recorded on 07-JAN-2013 06:05









99°

3550

99°

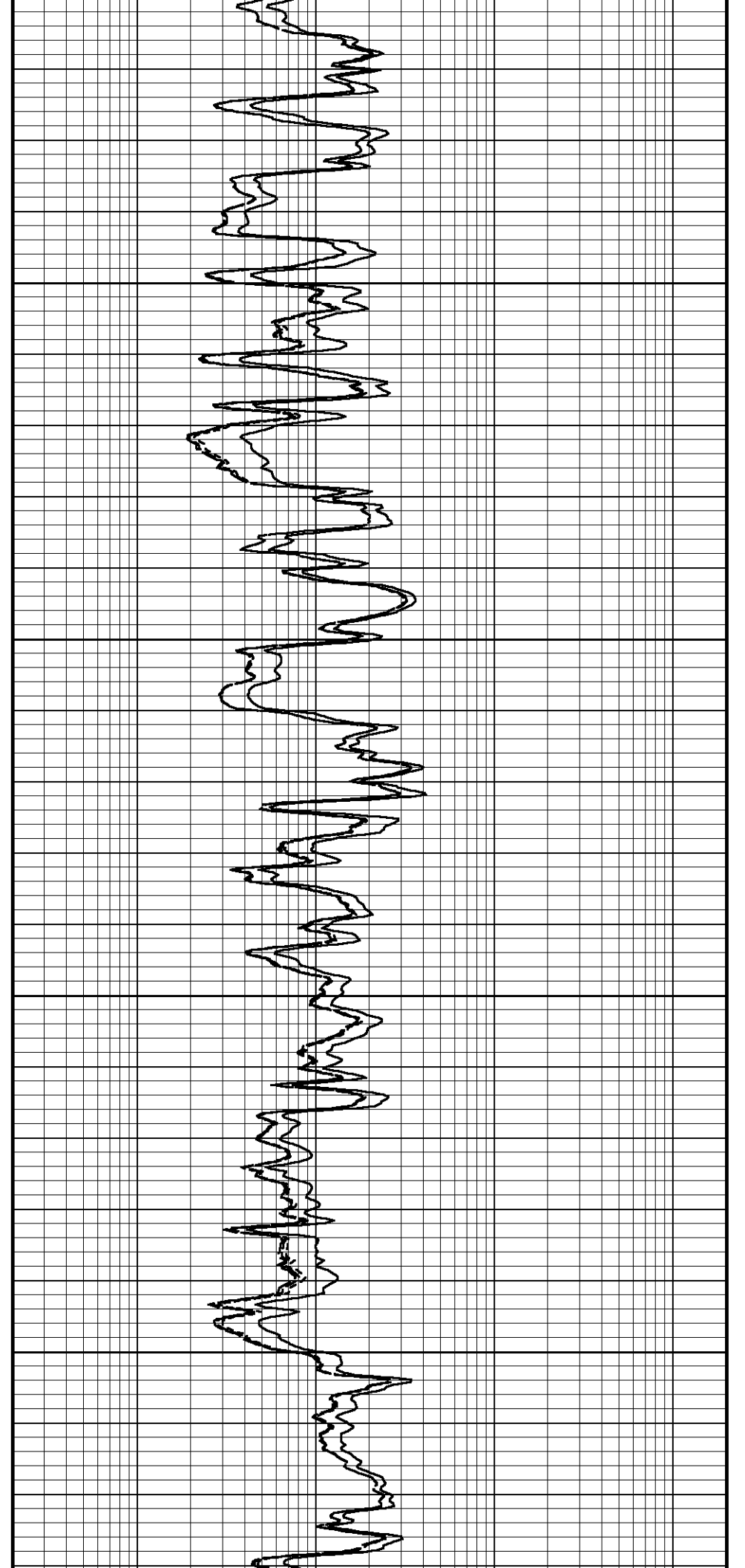
3600

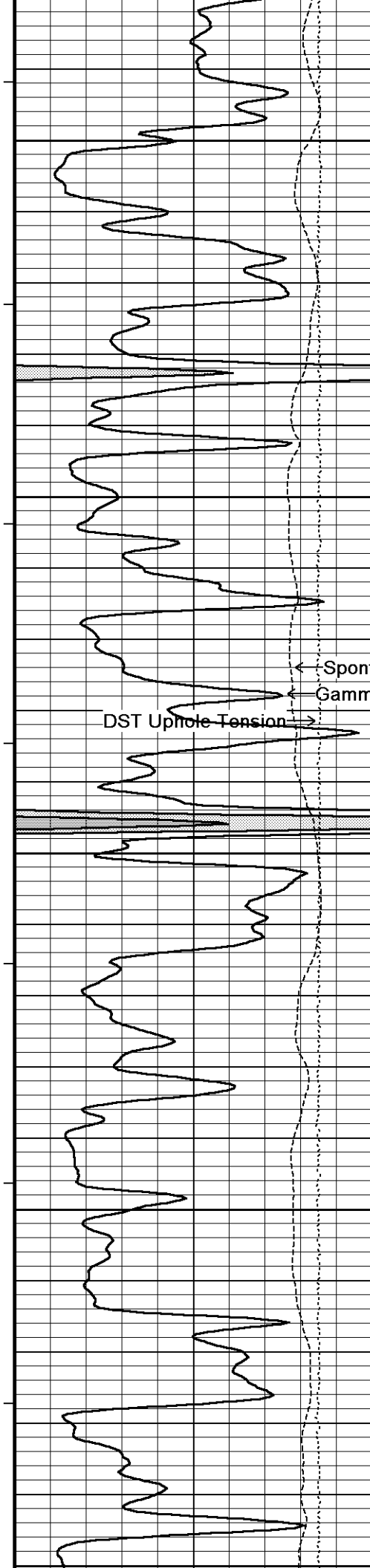
99°

3650

99°

3700





99°

3750

100°

3800

100°

3850

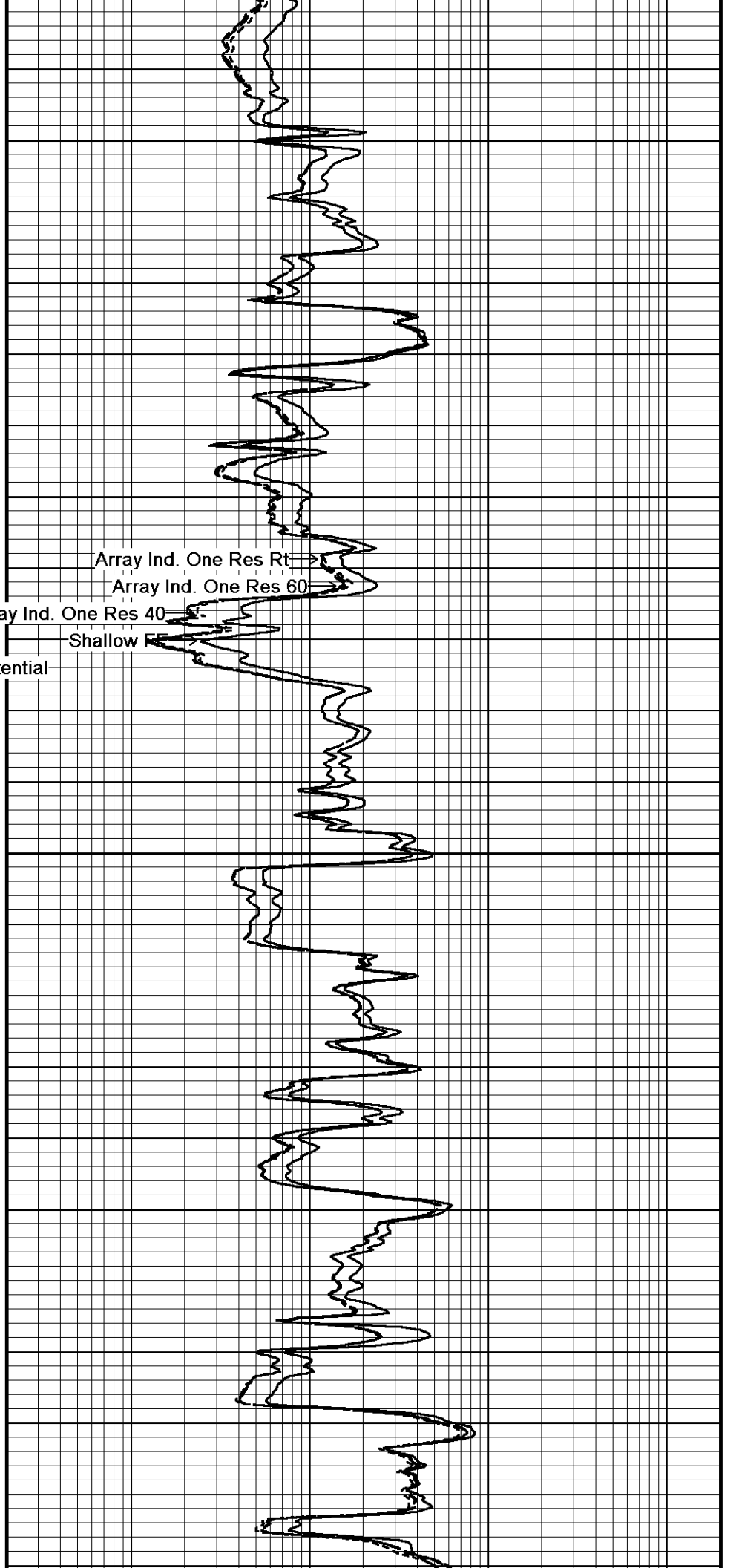
100°

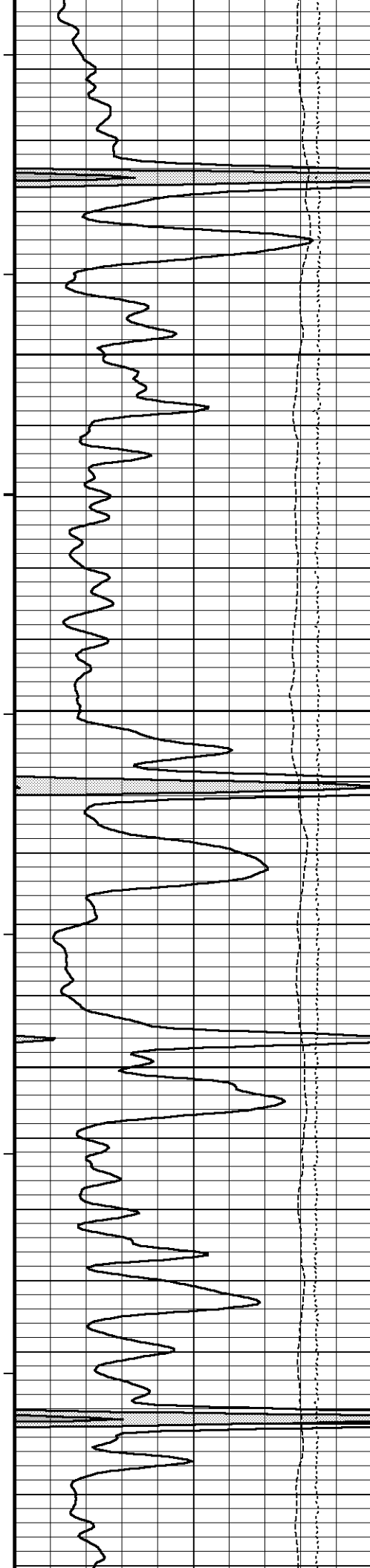
3900

100°

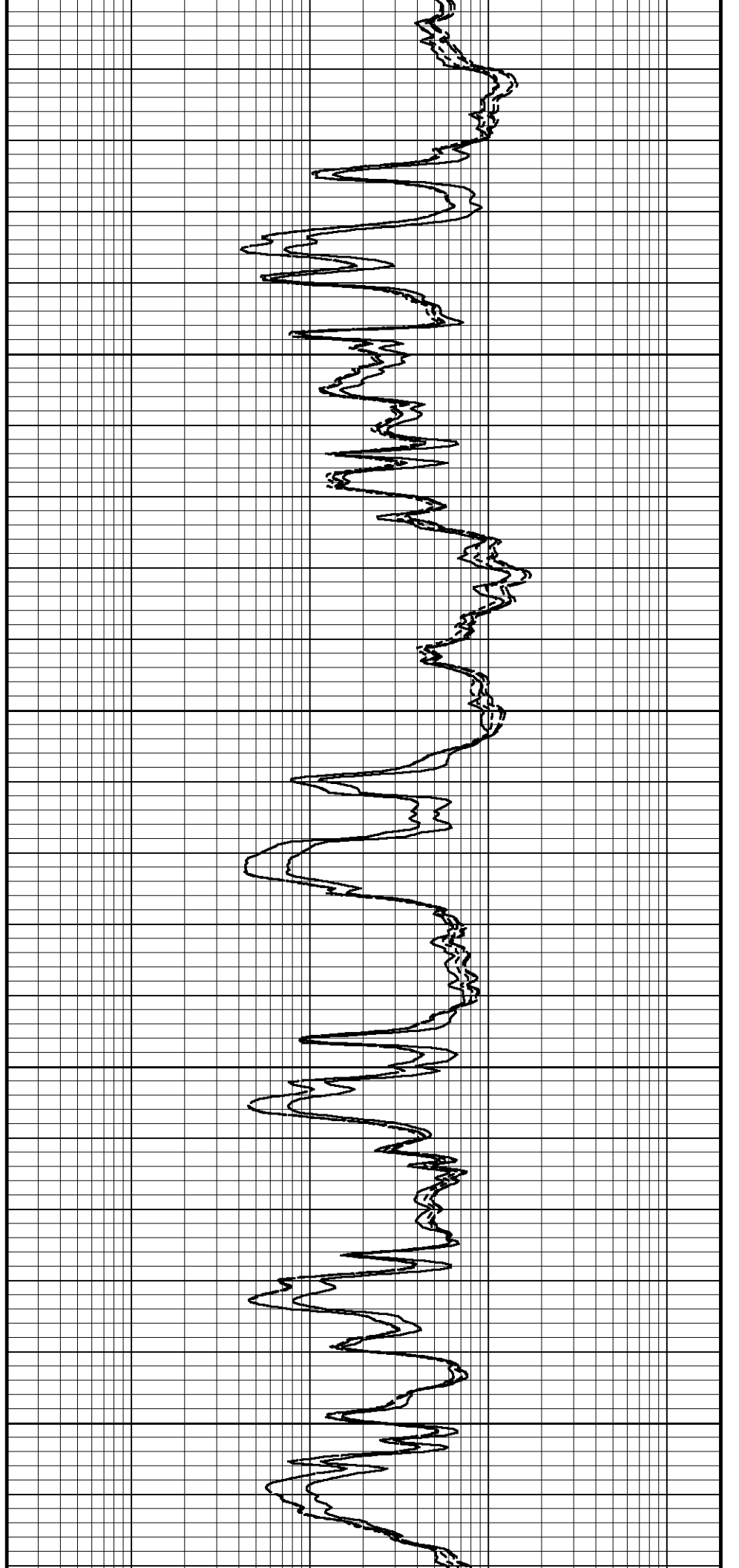
3950

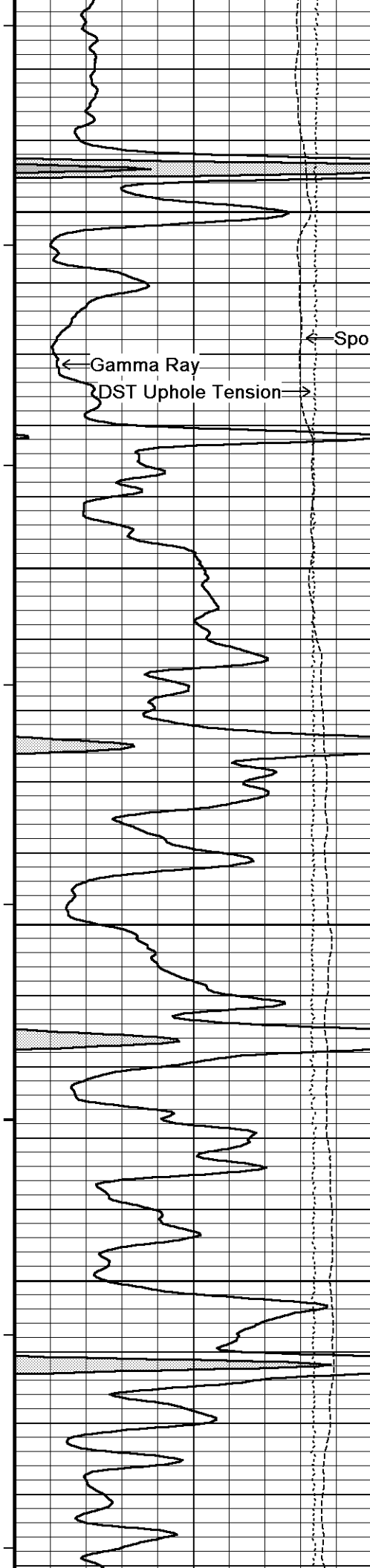
Array Ind. One Res Rt
Array Ind. One Res 60
Array Ind. One Res 40
Shallow FF





3330
101°
4000
101°
4050
101°
4100
102°
4150





102°

4200

← Gamma Ray

DST Uphole Tension →

← Spontaneous Potential

102°

4250

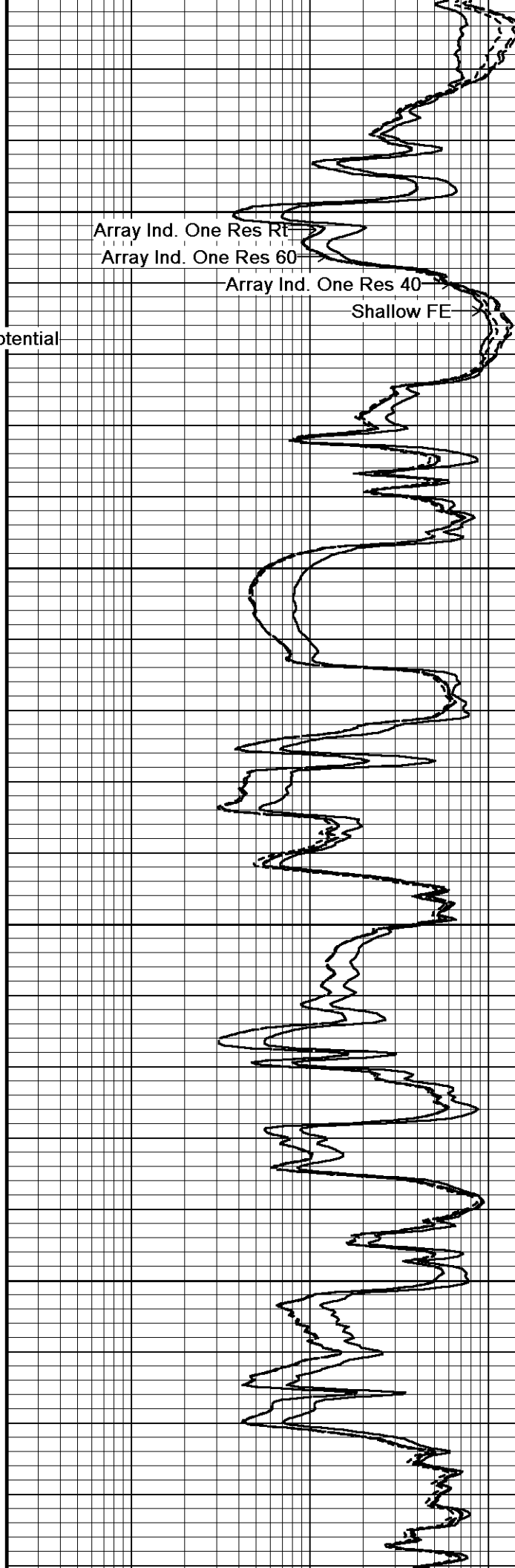
103°

4300

103°

4350

104°

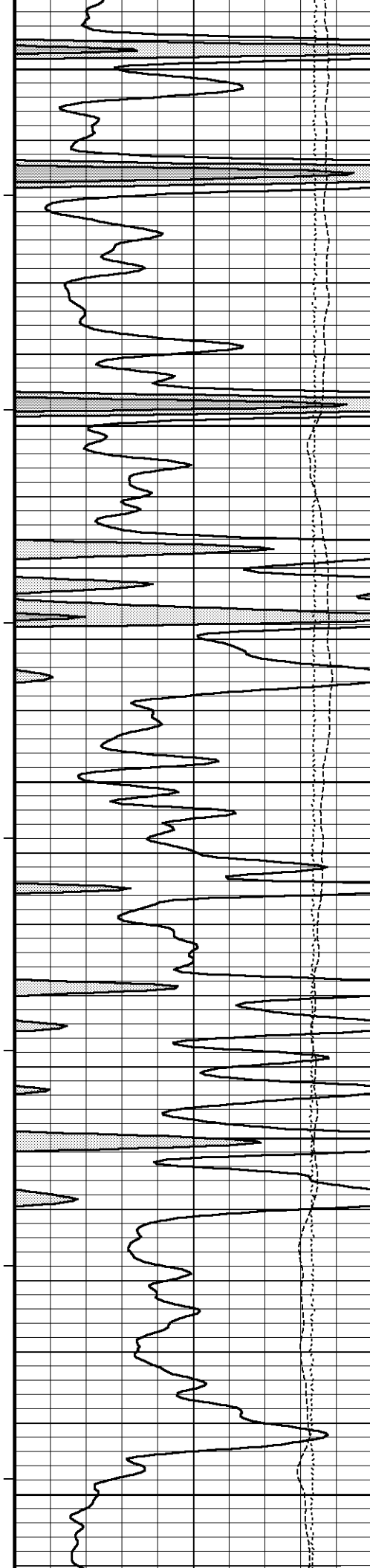


Array Ind. One Res RT

Array Ind. One Res 60

Array Ind. One Res 40

Shallow FE



4400

105°

4450

106°

4500

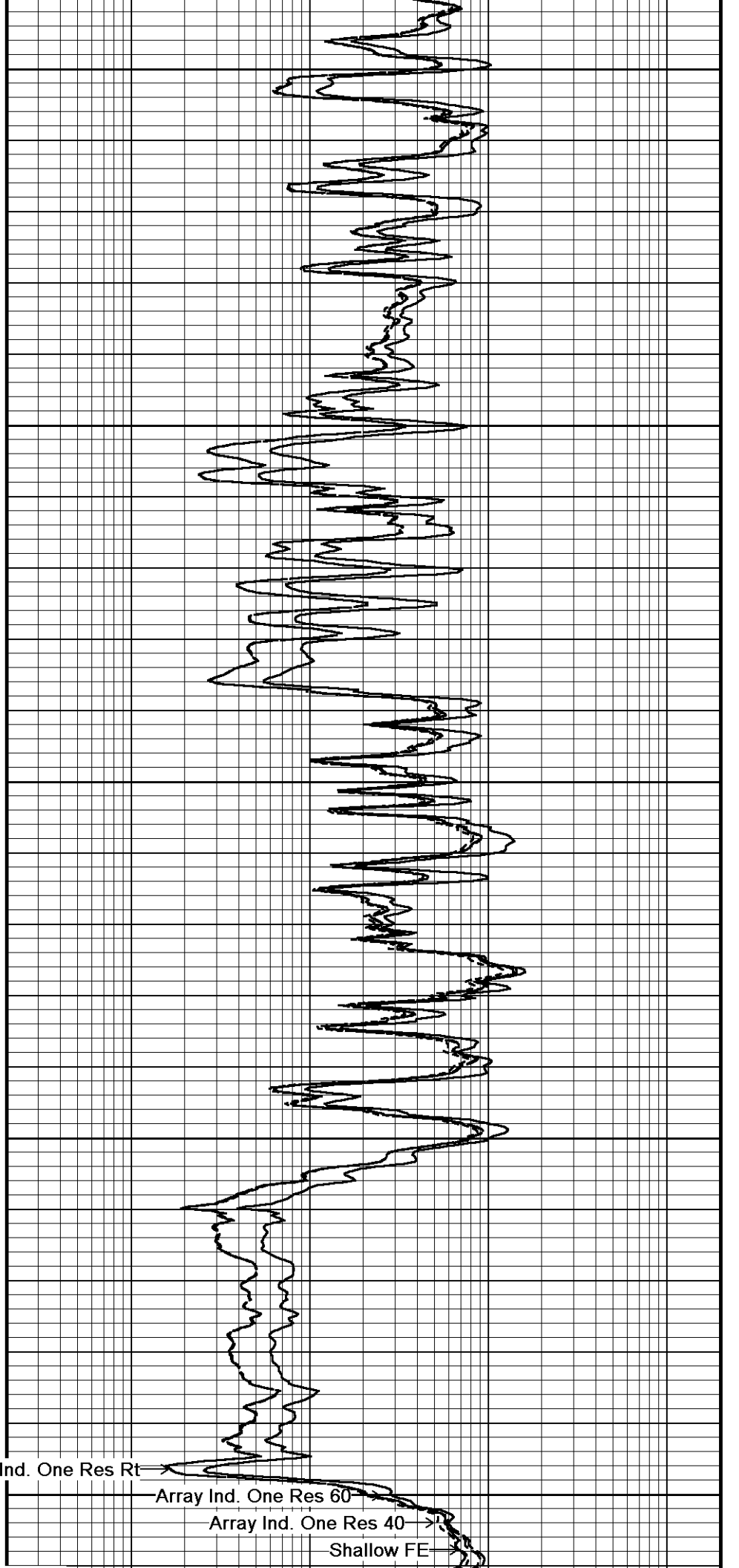
107°

4550

108°

Array Ind. One Res Rt

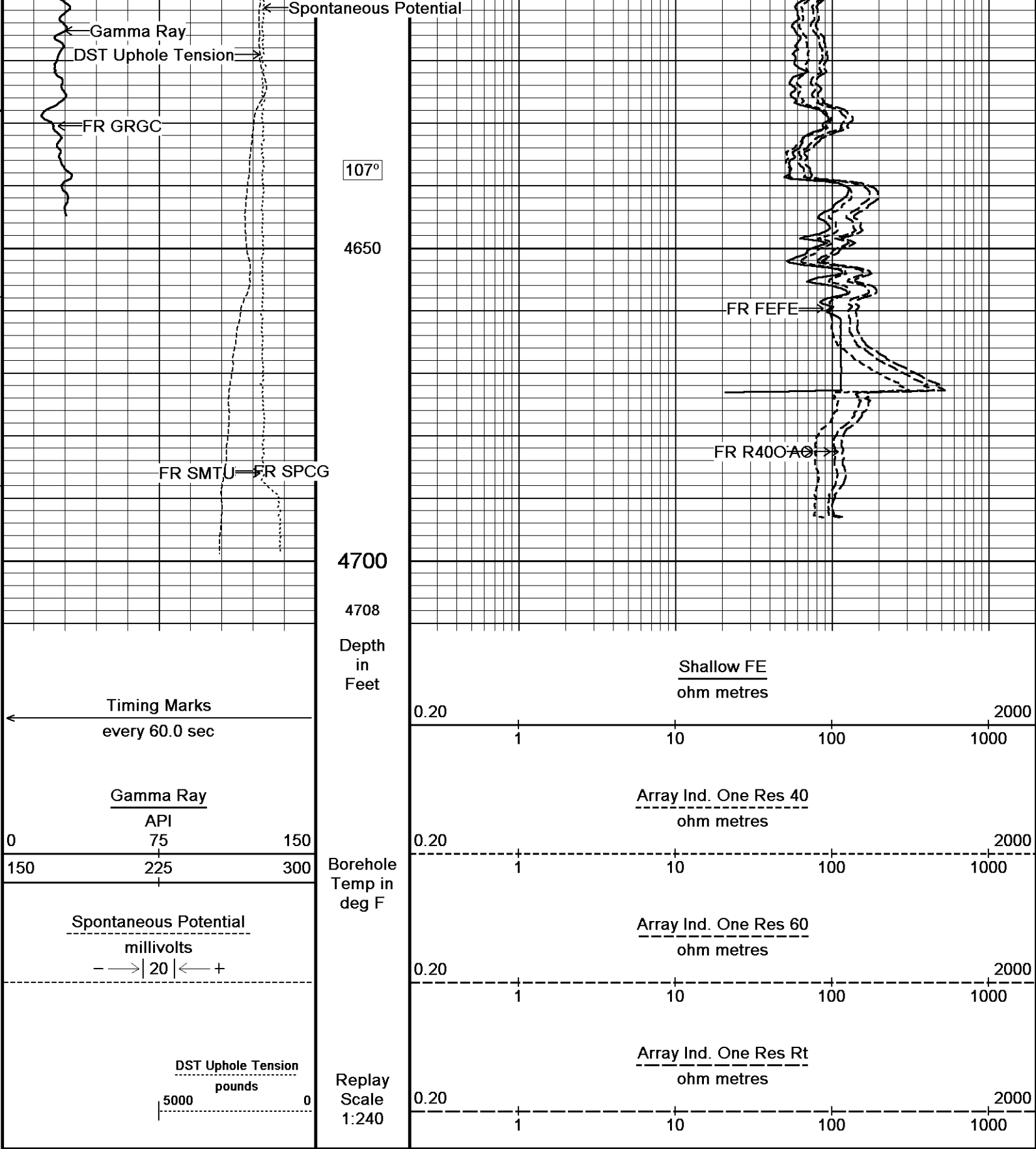
4600



Array Ind. One Res 60

Array Ind. One Res 40

Shallow FE



Depth Based Data - Maximum Sampling Increment 10.0cm
Filename: C:\Minimus 13.04.8492\Data\Stelbar LPR #1-17\Stelbar LPR #1-17_002.dta
System Versions: Logged with 13.04.8492 Plotted with 13.04.8492

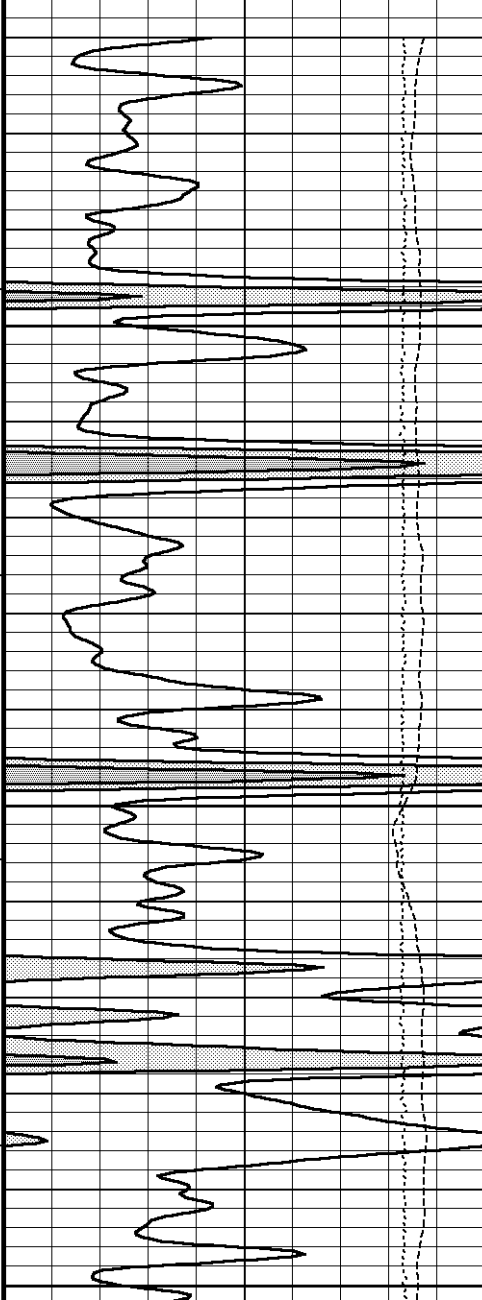
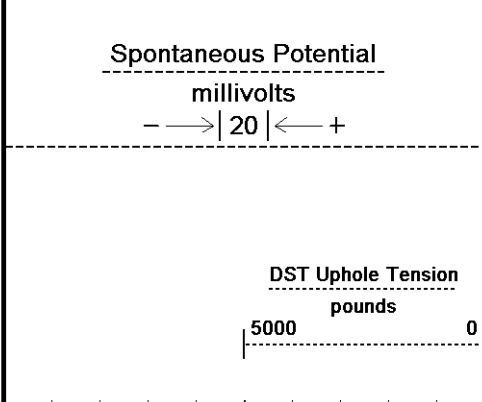
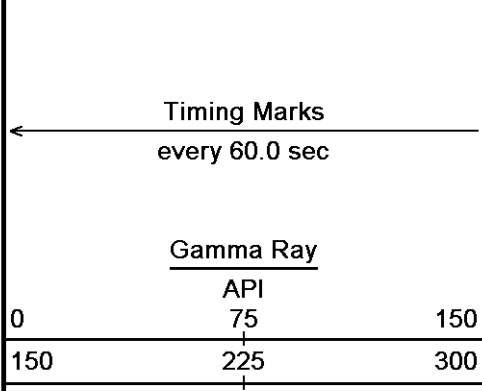
Plotted on 07-JAN-2013 08:24
Recorded on 07-JAN-2013 06:05

5 INCH MAIN

REPEAT SECTION

Depth Based Data - Maximum Sampling Increment 10.0cm
Filename: C:\Minimus 13.04.8492\Data\Stelbar LPR #1-17\Stelbar LPR #1-17_001.dta
System Versions: Logged with 13.04.8492 Plotted with 13.04.8492

Plotted on 07-JAN-2013 08:24
Recorded on 07-JAN-2013 05:48



Depth
in
Feet

Borehole
Temp in
deg F

Replay
Scale
1:240

4368

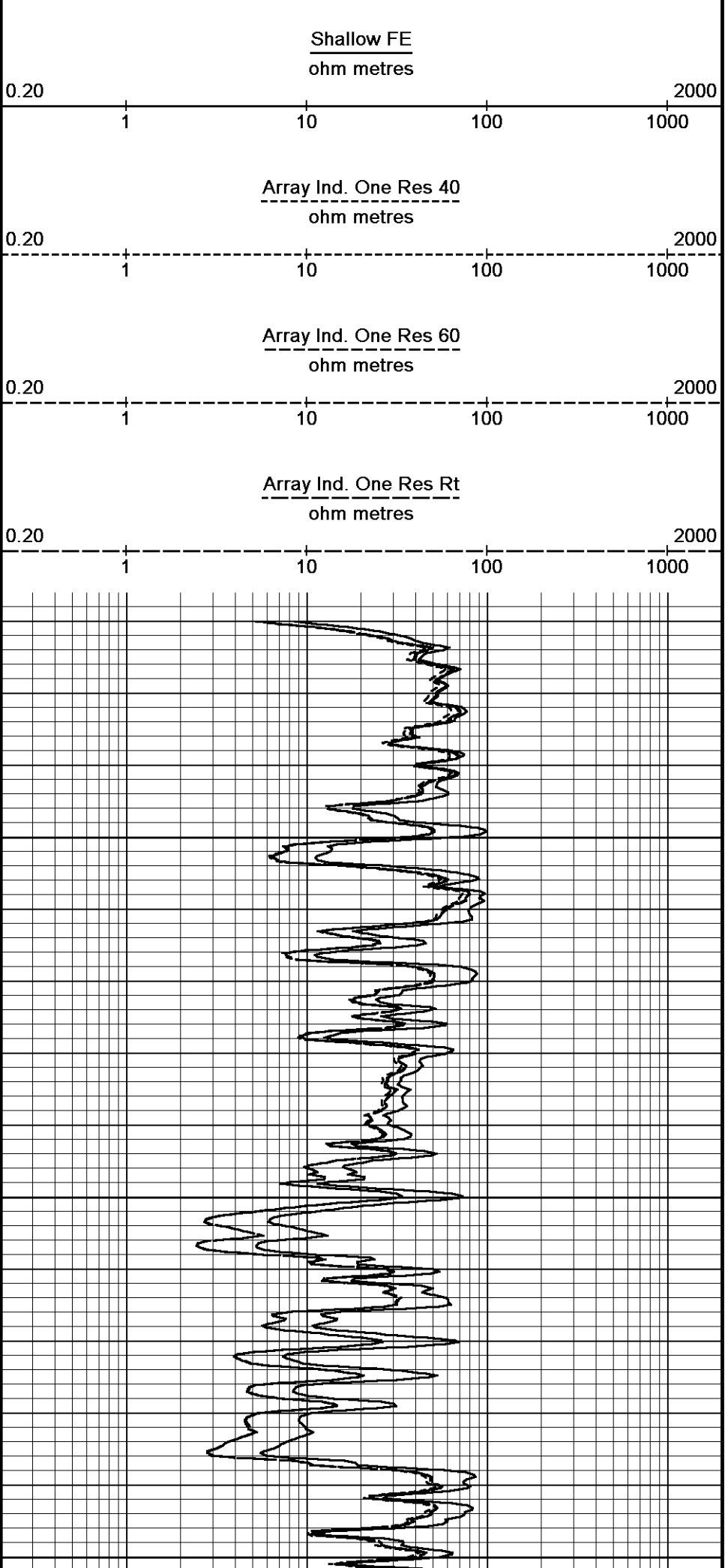
4400

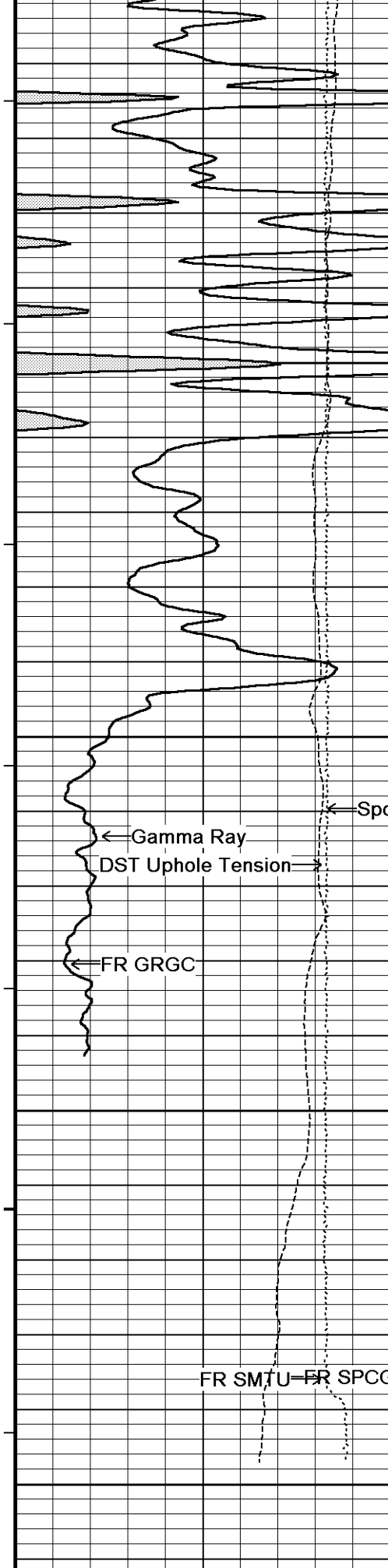
104°

4450

105°

4500





106°

4550

106°

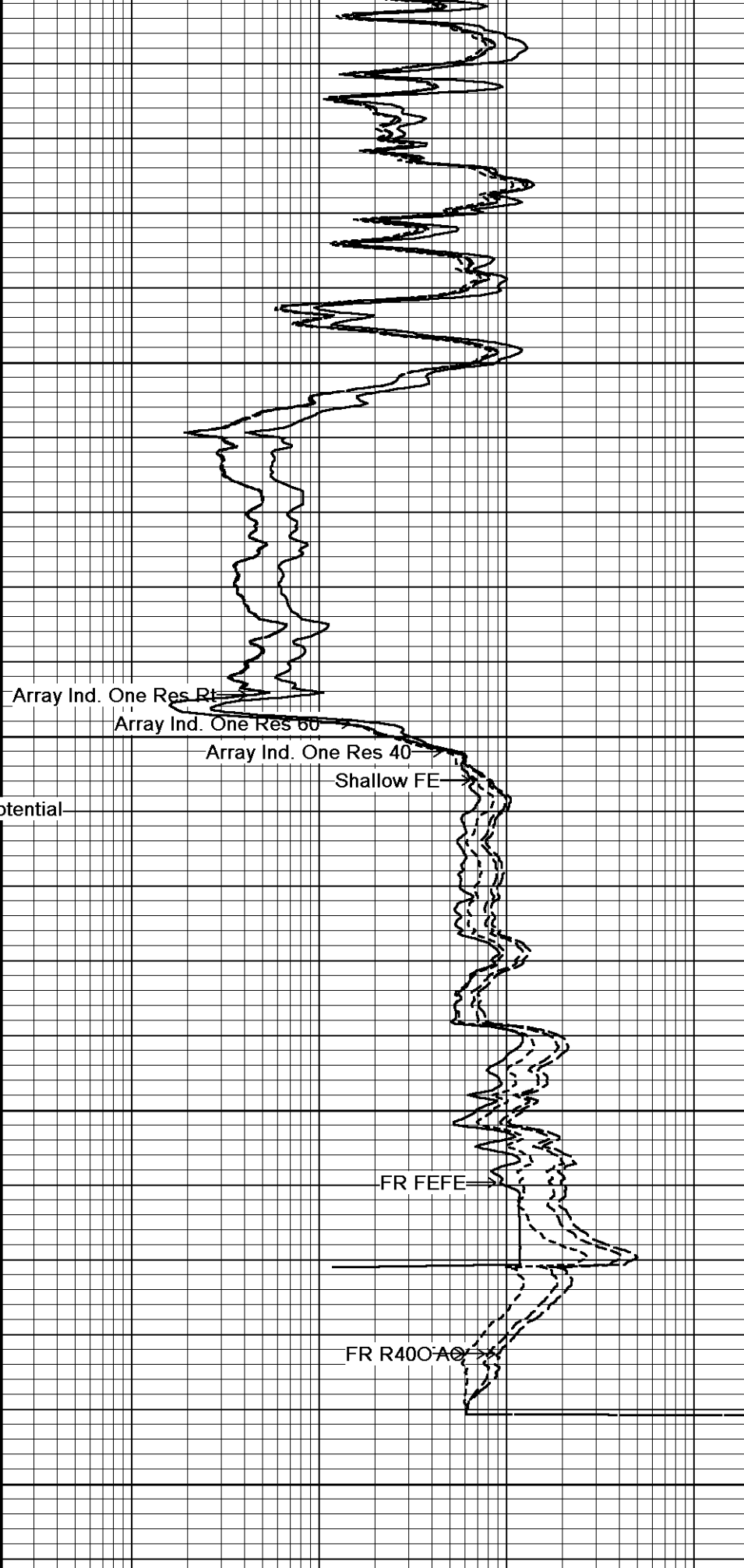
4600

106°

4650

4700

4710
Depth
in
Feet



Array Ind. One Res Rt

Array Ind. One Res 60

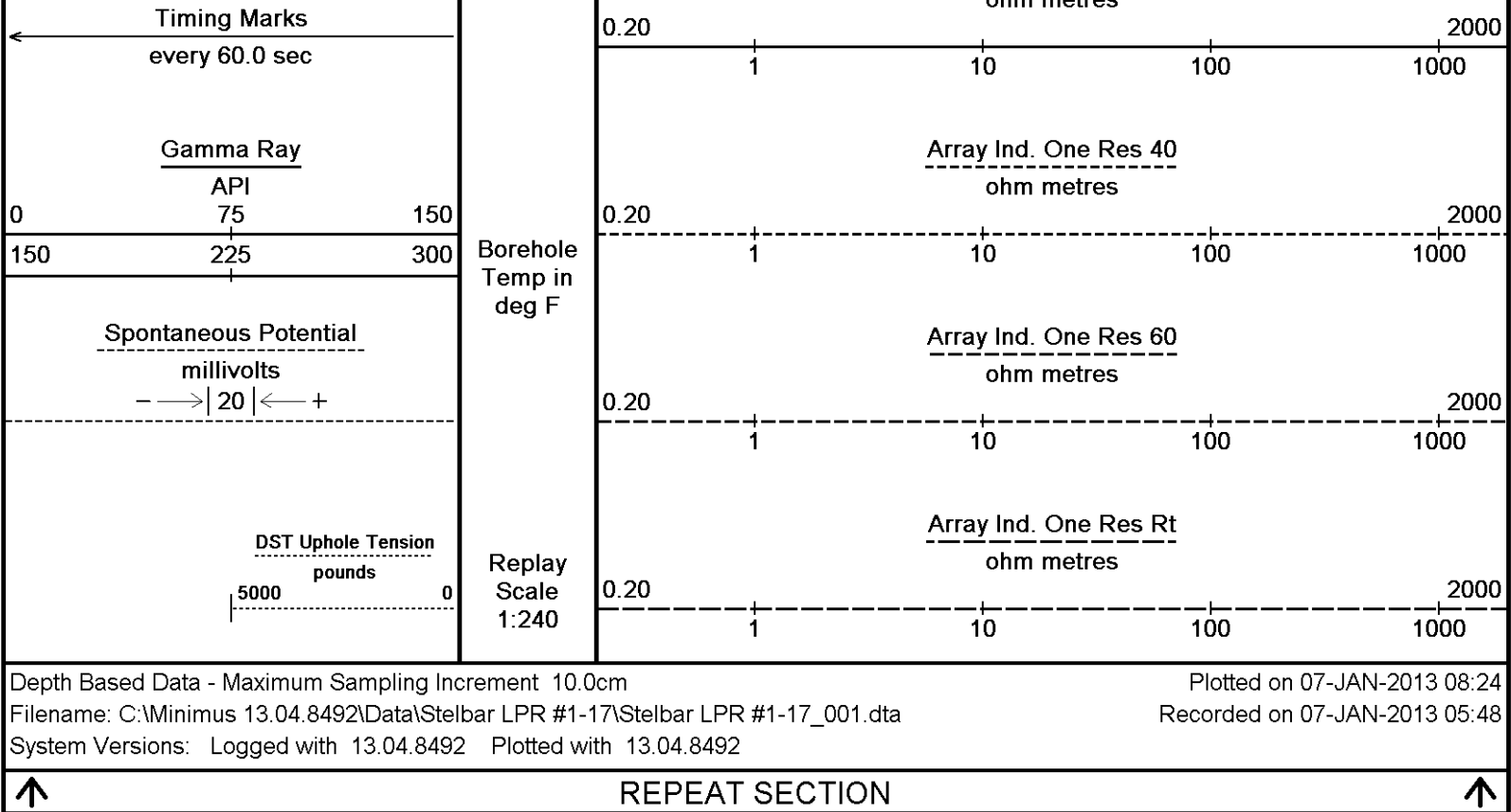
Array Ind. One Res 40

Shallow FE

FR FEFE

FR R400-A0

Shallow FE
ohm metres



BEFORE SURVEY CALIBRATION			
C:\Minimus 13.04.8492\Data\Stelbar LPR #1-17\Stelbar LPR #1-17_001.dta			
General Constants All 000		Last Edited on 07-JAN-2013,02:57	
General Parameters			
Mud Resistivity	0.440	ohm-metres	
Mud Resistivity Temperature	79.000	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	1.000		
RWA Constant M	2.000		
Down-hole Tension Calibration SMS 0		Field Calibration on 02-JAN-2013 05:23	
Reading No	Measured	Calibrated (lbs)	
1	13709.50	0.00	
2	14142.20	390.00	
High Resolution Temperature Calibration MCG-B 34		Field Calibration on 08-NOV-2012,10:05	
	Measured	Calibrated(Deg F)	
Lower	50.00	50.00	
Upper	100.00	100.00	
High Resolution Temperature Constants MCG-B 34		Last Edited on 08-NOV-2012,10:04	
Pre-filter Length	11		
SP Calibration MCG-B 34		Field Calibration on 08-NOV-2012,10:10	

Reference 1	Measured	Calibrated (mV)
Reference 2	107.1	100.0
	-93.0	-100.0

Gamma Calibration MCG-B 34

Field Calibration on 06-JAN-2013 23:19

	Measured	Calibrated (API)
Background	68	46
Calibrator (Gross)	1125	771
Calibrator (Net)	1057	725

Gamma Constants MCG-B 34

Last Edited on 07-JAN-2013,02:58

Gamma Calibrator Number	GRC38	
Mud Density	1.08	gm/cc
Caliper Source for Processing	Density Caliper	
Tool Position	Eccentred	
Concentration of KCl	0.00	kppm

Micro Normal and Micro Inverse Calibration MML-A 16

Base Calibration on 13-DEC-2012 09:14

Field Check on 06-JAN-2013 23:14

Base Calibration

	Measured	Calibrated (ohm-m)
Channel	Resistor 1 Resistor 2	Resistor 1 Resistor 2
Micro Normal	12.1 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 06-JAN-2013,23:13

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

Caliper Calibration MML-A 16

Base Calibration on 13-DEC-2012 09:09

Field Calibration on 06-JAN-2013 23:13

Base Calibration

Reading No	Measured	Calibrator Size (in)
1	14167	5.98
2	17246	7.97
3	20473	9.86
4	24393	11.92
5	0	0.00
6	N/A	N/A

Field Calibration

Measured Caliper (in)	Actual Caliper (in)
5.95	5.98

Neutron Calibration MDN-A.B 66

Base Calibration on 13-DEC-2012 15:33

Field Check on 06-JAN-2013 23:26

Base Calibration

	Measured	Calibrated (cps)
	Near Far	Near Far
Ratio	2993 92	3714 110
	32.445	33.764

Field Calibrator at Base

Calibrated (cps)
1709 2478
Ratio 0.690

Field Check

Calibrated (cps)
1706 2480
Ratio 0.682

Neutron Constants MDN-A.B 66

Last Edited on 06-JAN-2013,23:19

Neutron Source Id	P0204NN
Neutron Log Number	5824NE

Neutron Log Number	30241NE	No	
Epithermal Neutron			
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	
Salinity Correction	Not Applied		
Formation Fluid Salinity Source	Constant Value		
Formation Fluid Salinity	0.00	kppm	
Barite Mud Correction	Not Applied		

FE Calibration MFE-B.J 353			Base Calibration on 13-DEC-2012 09:28 Field Check on 06-JAN-2013 23:00		
Base Calibration					
	Measured	Calibrated (ohm-m)			
Reference 1	0.0	0.0			
Reference 2	964.3	126.8			
Base Check		281.1			
Field Check		281.0			

FE Constants MFE-B.J 353				Last Edited on 07-JAN-2013,02:58	
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 14-NOV-2012,11:39		
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

High Resolution Temperature Calibration MAI-A.A 167

Field Calibration on 14-NOV-2012,09:17

	Measured	Calibrated(Deg F)
Lower	1.00	33.80
Upper	11.00	51.80

High Resolution Temperature Constants MAI-A.A 167

Last Edited on 16-DEC-2012,13:35

Pre-filter Length	11
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Induction Calibration MAI-A.A 167

Base Calibration on 14-NOV-2012,09:21
Field Check on 06-JAN-2013 22:58

Base Calibration

Test Loop Calibration

Channel	Measured		Calibrated (mmho/m)	
	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	0.0	0.0	12.7	3840.8
2	0.0	0.0	29.5	3478.8
3	0.0	0.0	29.1	3054.6
4	0.0	0.0	19.8	2082.6

Deep	18.6	2049.7
Medium	42.2	3993.6
Shallow	42.8	5057.2

Array Temperature	0.0	67.4	Deg F
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Induction Constants MAI-A.A 167

Last Edited on 07-JAN-2013,02:58

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	

Temp. for Run Cor.		0.0020	mhos/metre
Squasher Start		N/A	mhos/metre
Squasher Offset			
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 13-DEC-2012 14:47
Field Calibration on 06-JAN-2013 23:01

Base Calibration		
Reading No	Measured	Calibrator Size (in)
1	12994	3.99
2	21855	5.98
3	30456	7.97
4	38925	9.86
5	48176	11.92
6	N/A	N/A
Field Calibration		
	Measured Caliper (in)	Actual Caliper (in)
	5.95	5.98

Photo Density Calibration MPD-B 64

Base Calibration on 13-DEC-2012 15:03
Field Check on 06-JAN-2013 23:11

Density Calibration				
Base Calibration		Measured	Calibrated (sdu)	
	Near	Far	Near	Far
Reference 1	59295	32863	59556	30836
Reference 2	24770	2893	24941	2541
Field Check at Base				
	1180.9	1372.2		
Field Check				
	1178.7	1360.4		
PE Calibration				
Base Calibration		Measured	Calibrated	
	WS	WH	Ratio	Ratio
Background	215	1052		
Reference 1	22270	59095	0.380	0.371
Reference 2	6705	24633	0.275	0.272
Field Check at Base				
	215.4	1052.3		
Field Check				
	215.0	1050.9		

Density Constants MPD-B 64

Last Edited on 07-JAN-2013,02:58

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	1.08	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	

DOWNHOLE EQUIPMENT

C:\Minimus 13.04.8492\Data\Stelbar LPR #1-17\Stelbar LPR #1-17_001.dta

Compact Comms Gamma
MCG-B 34 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 Neutron
MDN-A.B 66 LG: 5.04 ft WT: 50.7 lb OD: 2.24 in

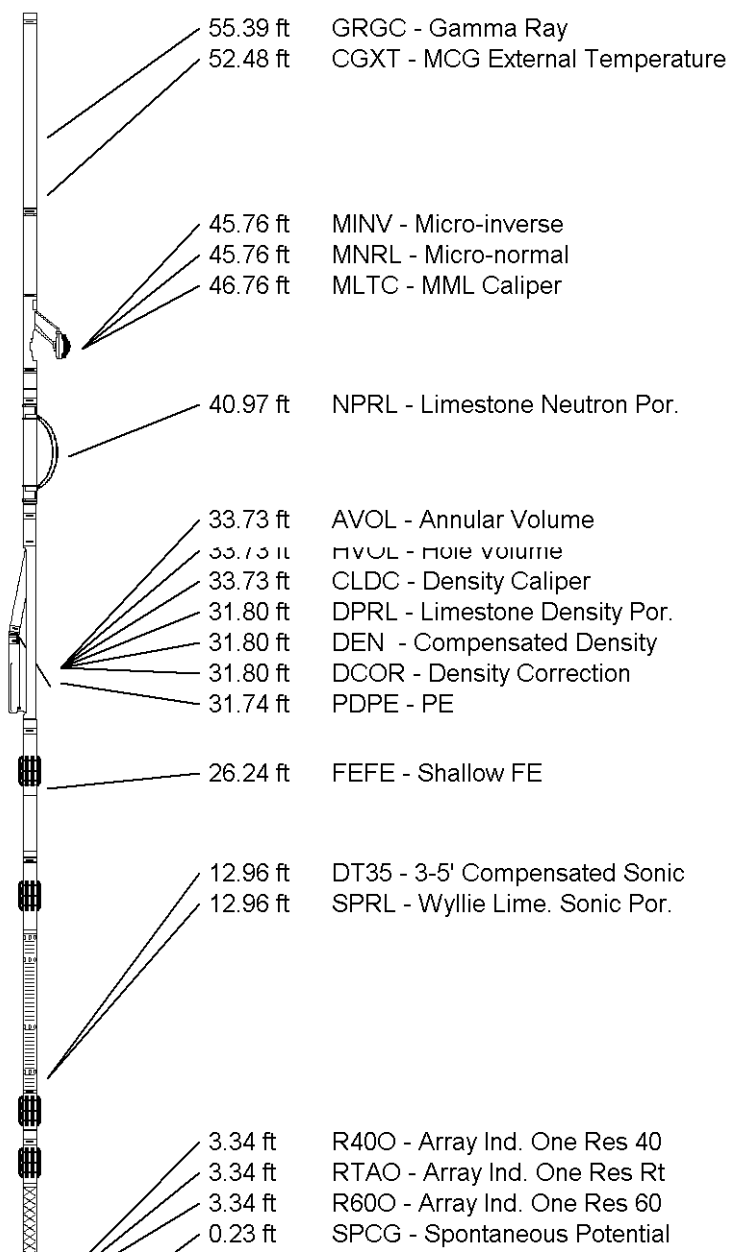
Compact Density/Caliper
MPD-B 64 LG: 9.59 ft WT: 90.4 lb OD: 2.45 in

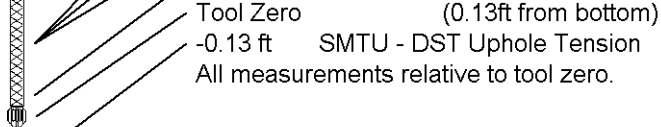
Compact Focussed Electric
MFE-B.J 353 LG: 6.05 ft WT: 48.5 lb OD: 2.24 in

Compact Sonic
MSS-C.K 330 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: 60.68 ft Weight: 456.4 lb





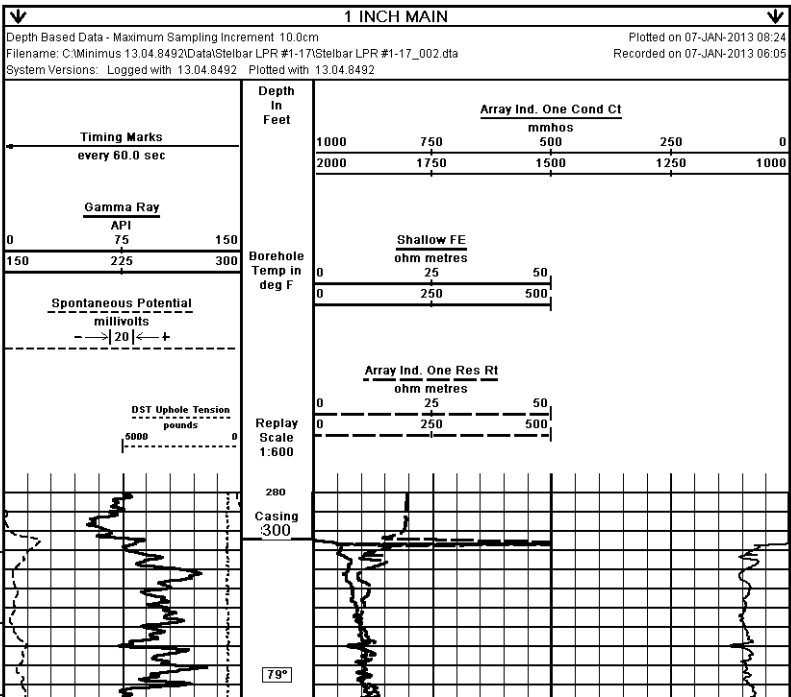
COMPANY	STELBAR OIL CORPORATION, INC.			
WELL	LPR #1-17			
FIELD	WILDCAT			
PROVINCE/COUNTY	LOGAN			
COUNTRY/STATE	U.S.A. / KANSAS			
Elevation Kelly Bushing	2951.00	feet	First Reading	4683.00 feet
Elevation Drill Floor	2950.00	feet	Depth Driller	4685.00 feet
Elevation Ground Level	2944.00	feet	Depth Logger	4686.00 feet

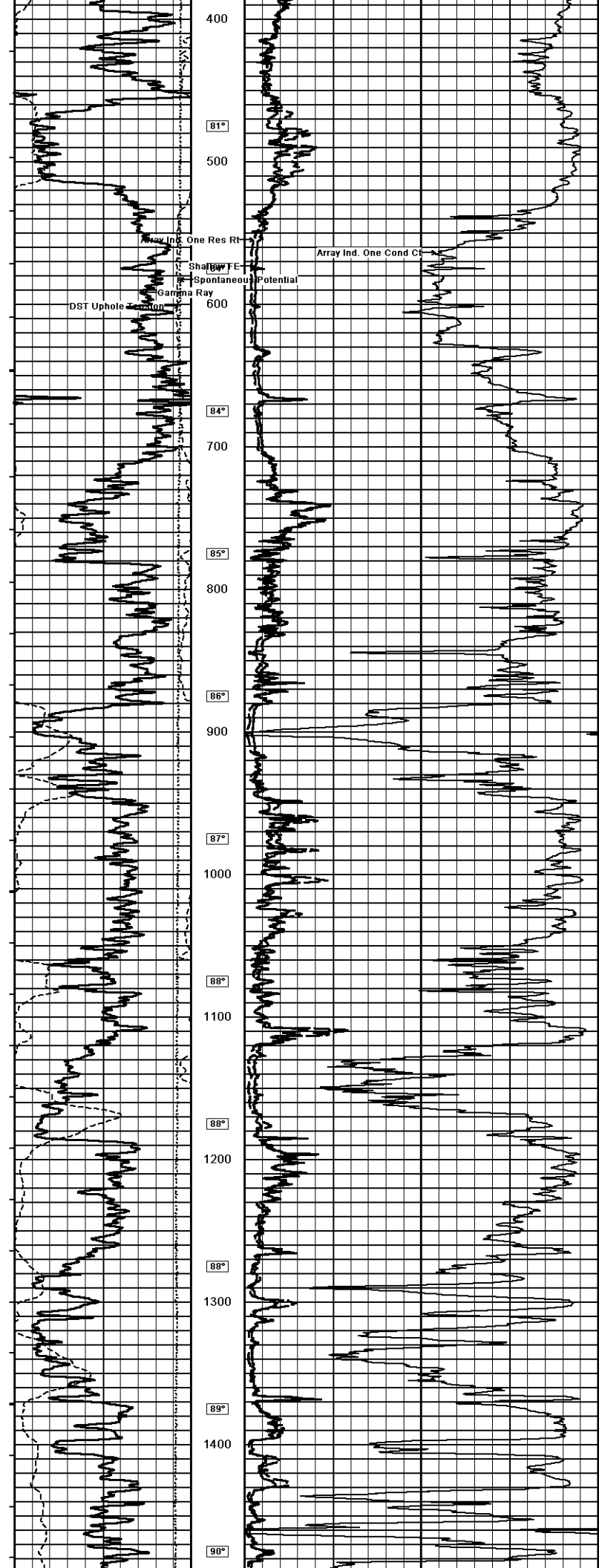


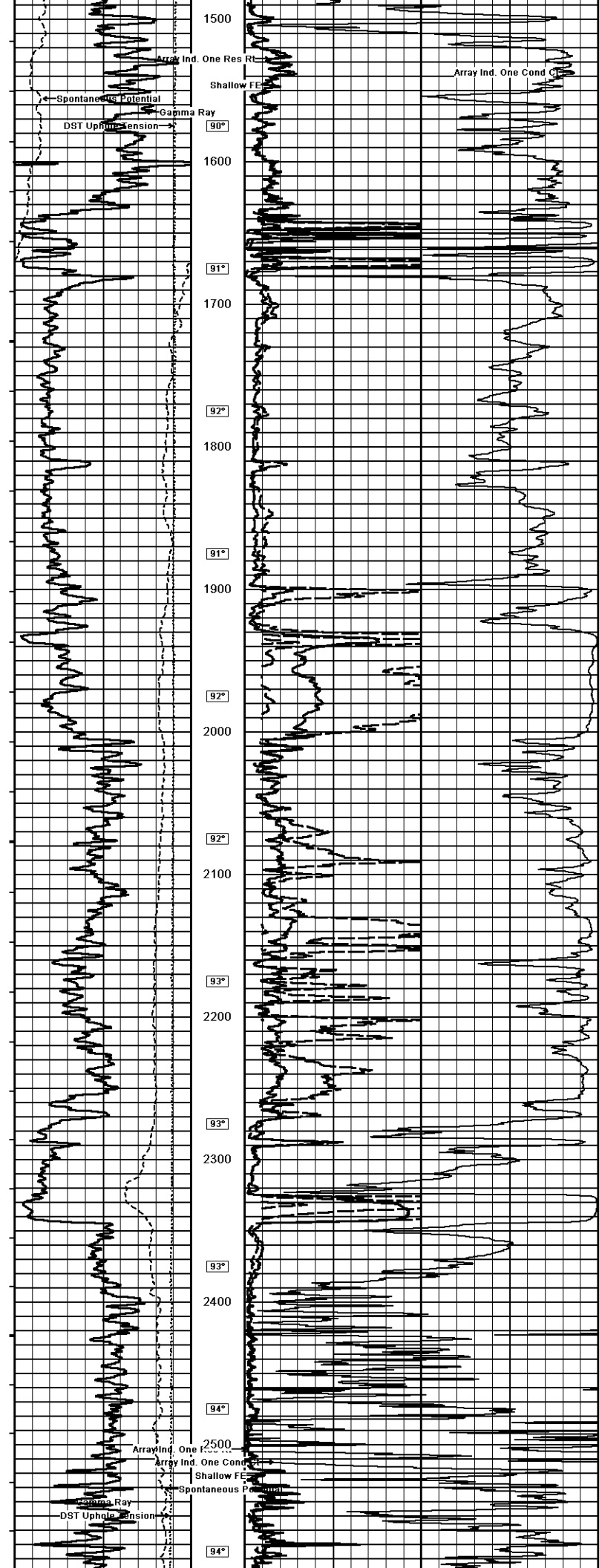
Weatherford®

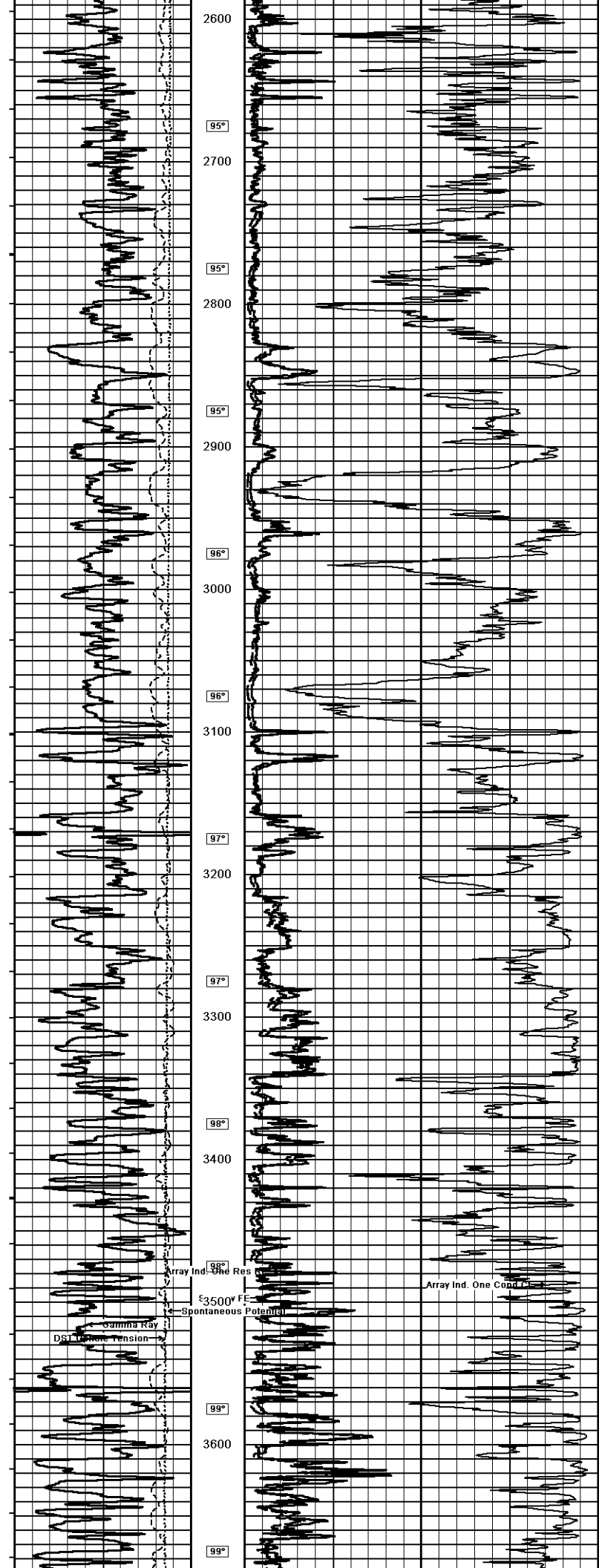
ARRAY INDUCTION SHALLOW FOCUSED ELECTRIC LOG

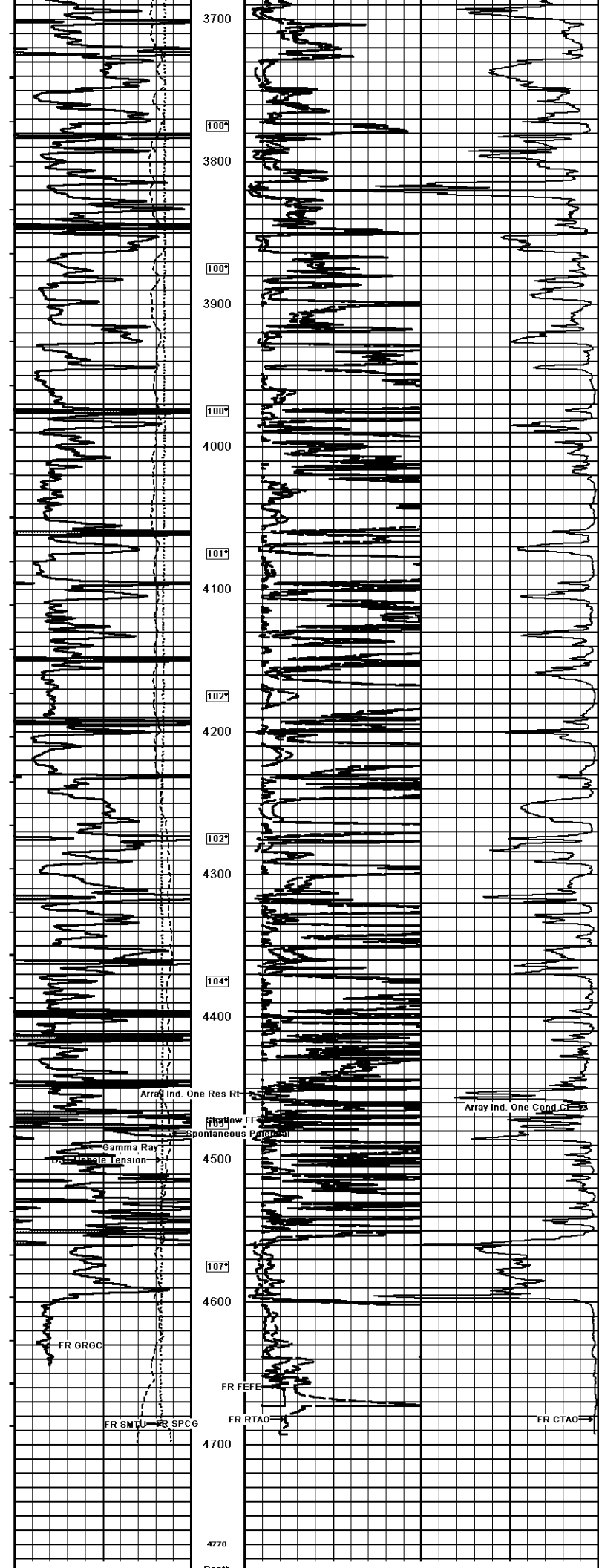
		ARRAY INDUCTION SHALLOW FOCUSED ELECTRIC LOG	
COMPANY	STELBAR OIL CORPORATION, INC.		
WELL	LPR #1-17		
FIELD	WILDCAT		
PROVINCE/COUNTY	LOGAN		
COUNTRY/STATE	U.S.A. / KANSAS		
LOCATION	1230' FSL & 1748' FEL NW NE SW SE		
SEC 17	TMP 15S	RSE 33W	Other Services MMS
APR Number	15-1082-1146		
Permanent Datum G.L. Elevation	2944 feet		
Log Measured From KB			
Drilling Measured From KB			
Date	07-JAN-2013		
Run Number	ONE		
Service Order	3537802		
Depth Driller	4685.00	feet	
Depth Logger	4686.00	feet	
First Reading	4683.00	feet	
Last Reading	304.00	feet	
Casing Driller	303.00	feet	
Casing Logger	304.00	inches	
Bit Size	7.875		
Flow Fluid Type	CHEMICAL	IBUSg	
Density/Viscosity	9.00	IBUSg	64.00 CP
PH / Fluid Loss	10.50		
Sample Source	FLOWLINE		
Rm @ Measured Temp	0.44 @ 79.0	ohm-m	
Rm @ Measured Temp	0.35 @ 79.0	ohm-m	
Rm @ Measured Temp	0.53 @ 79.0	ohm-m	
Source Rm / Rnc	CALC		
Rm @ BHT	0.33 @ 107.0	ohm-m	
Time Since Circulation	5 HOURS		
Max Recorded Temp	107.00	deg F	
Equipment / Base	13006	LB	
Recorded By	LINN SCOTT		
Witnessed By	DAVE SODAK		
DOB#	LB13406		

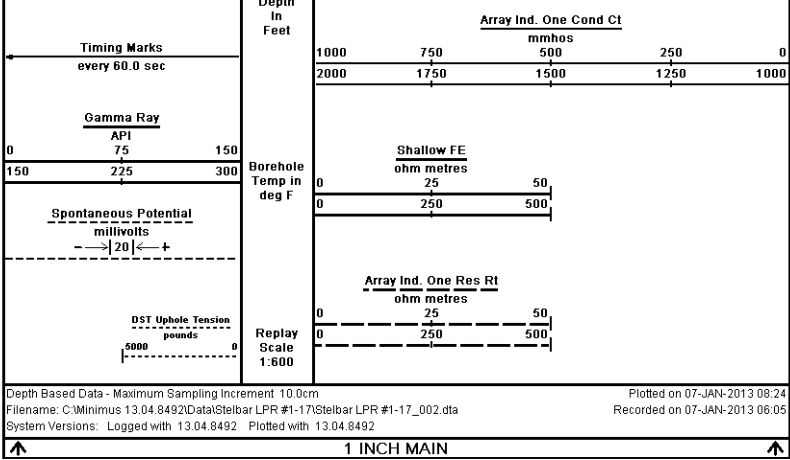












COMPANY		STELBAR OIL CORPORATION, INC.			
WELL		LPR #1-17			
FIELD		WILDCAT			
PROVINCE/COUNTY		LOGAN			
COUNTRY/STATE		U.S.A. / KANSAS			
Elevation Kelly Bushing	2951.00	feet	First Reading	4683.00	feet
Elevation Drill Floor	2950.00	feet	Depth Driller	4685.00	feet
Elevation Ground Level	2944.00	feet	Depth Logger	4686.00	feet
			ARRAY INDUCTION		
Weatherford			SHALLOW FOCUSED		
			ELECTRIC LOG		