

MEASURED DEPTH ARRAY INDUCTION

COMPANY				PARAMOUNT RESOURCES LTD.			
WELL				PARA ET AL CAMERON L40			
FIELD				CAMERON HILLS			
PROVINCE				NORTHWEST TERRITORIES			
COUNTRY				CANADA			
LOCATION				300L406010117300			
				COMPACT		FINAL PRINT	
LSD	SEC	TWP	RGE	Other Services		PHOTO DENSITY	
API Number		2045		COMPENSATED SONIC		DUAL SPACED NEUTRON	
Permit Number		2045		MICROLOG			
Permanent Datum OUND LEVEL, Elevation 684.70 metres						Elevations:	
Log Measured From 5.4 Mabove Permanent Datum						KB 690.10 metres	
Drilling Measured From KELLY BUSHING						DF 684.70 metres	
Date		24-JAN-2007				GL	
Run Number		1					
Depth Driller		1453.00		metres			
Depth Logger		1453.30		metres			
First Reading		1452.00		metre			
Last Reading		425.10		metre			
Casing Driller		425.00		metres			
Casing Logger		425.10		metres			
Bit Size		200.00		mm			
Hole Fluid Type		GELCHEM					
Density / Viscosity		1110.0 kg/M3		85.00 sec/L			
PH / Fluid Loss		10.00		13.00 ml/30Min			
Sample Source		FLOWLINE					
Rm @ Measured Temp		0.60 @ 25.0		ohm-m			
Rmf @ Measured Temp		0.41 @ 25.0		ohm-m			
Rmc @ Measured Temp		0.83 @ 25.0		ohm-m			
Source Rmf / Rmc		PRESS		FILTER			
Rm @ BHT		0.40 @ 48.0		ohm-m			
Time Since Circulation		6 HRS					
Max Recorded Temp		48.00		deg C			
Equipment Name		3424					
Equipment / Base		QUINT		GPR			
Recorded By		M. SURKA / M. BONNELL					
Witnessed By		B. POWELL					
CIRC. STOP		12.45 JAN 24				Last Line	

BOREHOLE RECORD

Last Edited: 24-JAN-2007 18:55

Bit Size millimetres	Depth From metres	Depth To metres
311.000	0.00	425.00
200.000	425.00	1453.00

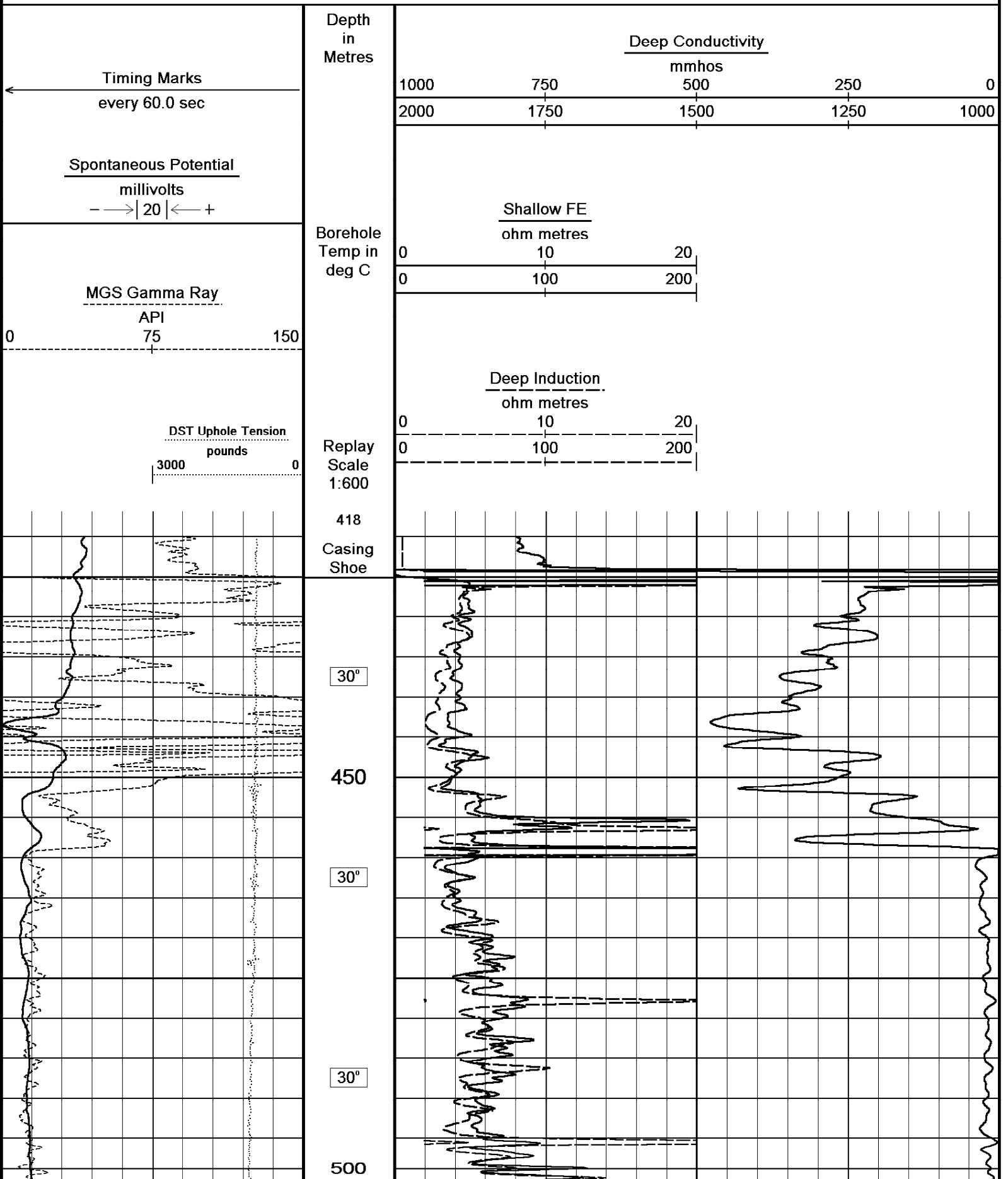
CASING RECORD

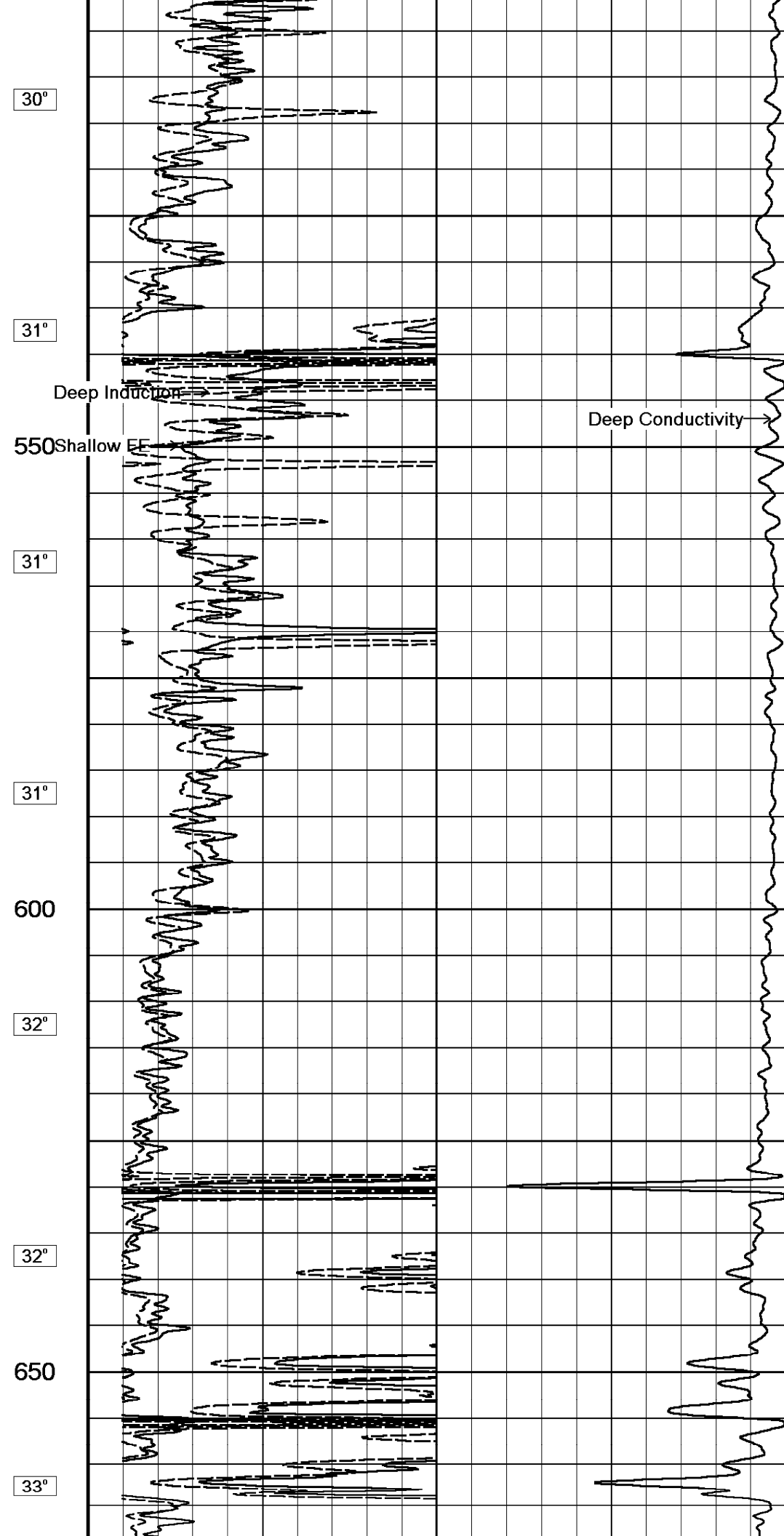
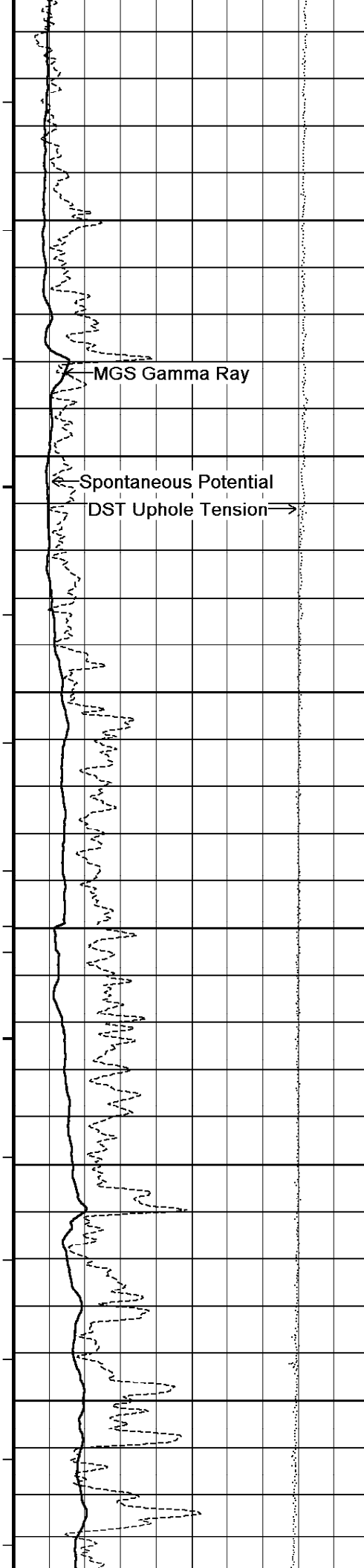
Type	Size millimetres	Depth From metres	Shoe Depth metres	Weight pounds/ft
SURFACE	219.100	0.00	425.00	24.00

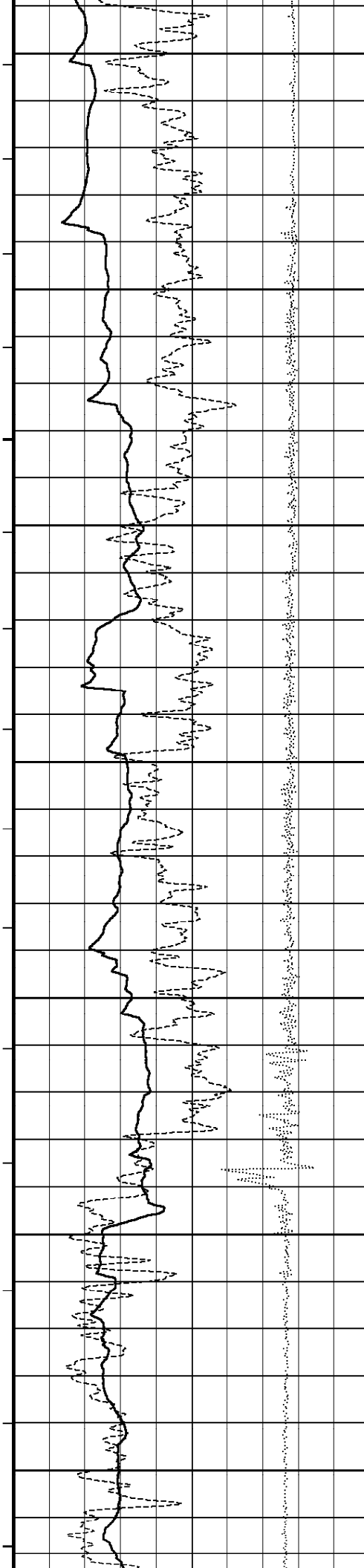
REMARKS

- 1) SOFTWARE ISSUE: WLS 7.01.0195
- 2) CUSTOMER SCALES AND INTERVALS LOGGED.
- 3) MAI, MSS, MPD, MDN, MMR, ISC, MGS, MTC, MCG RAN IN COMBINATION.
- 4) HARDWARE: MAI: TWO 25.4 MM STANDOFFS
MDN: DUAL NEUTRON BOWSPRING
MTC: ONE SIX-LEAF CENTRALIZER
MSS: THREE 25.4 MM STANDOFFS
- 5) SAP# 4145923 # FIELD PRINTS = 2
- 6) RIG: PD 220
- 7) HOLE_CEMENT VOLUMES CALCULATED USING DENSITY CALIPER AND TWO ARM CALIPER IN COMBINATION :
HOLE VOLUME = 39.4 CU.M.
ANNULAR VOLUME USING 139.7 MM PRODUCTION CASING = 23.8 CU.M
- 8) SONIC FREE PIPE SIGNAL FOUND FROM 305-318M.
- 9) MAXIMUM DEVAITION OF 12.3 DEGREES AT 1230.7 M

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







34°

700

34°

35°

750

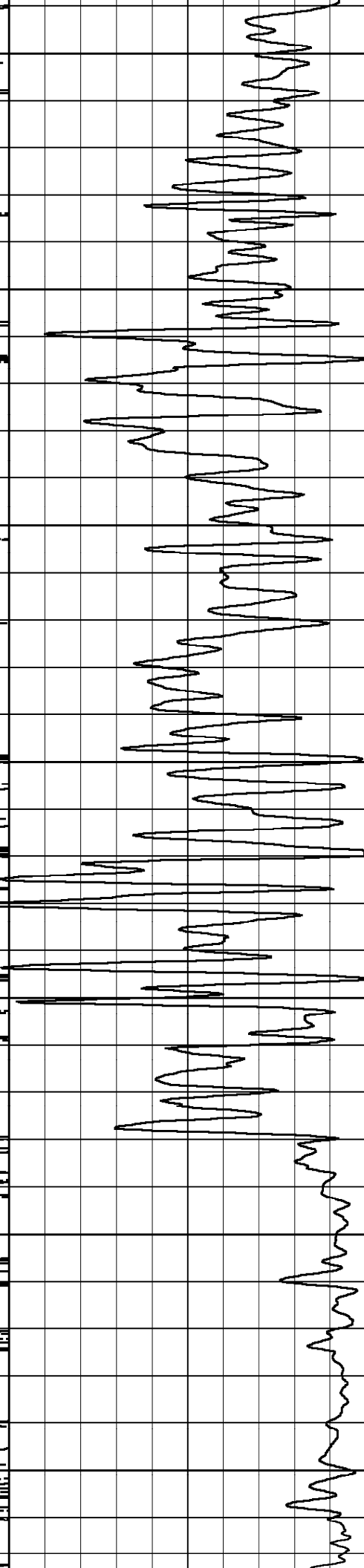
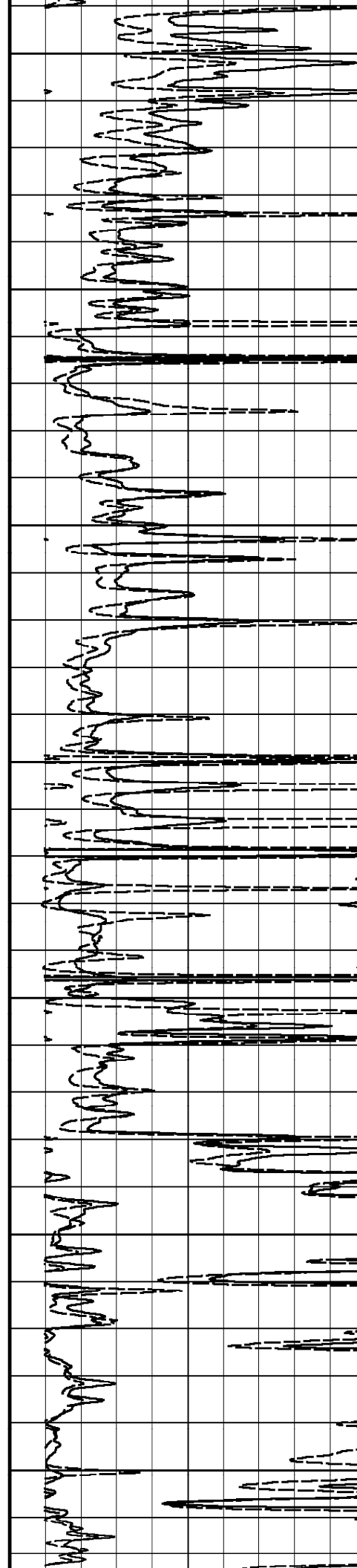
36°

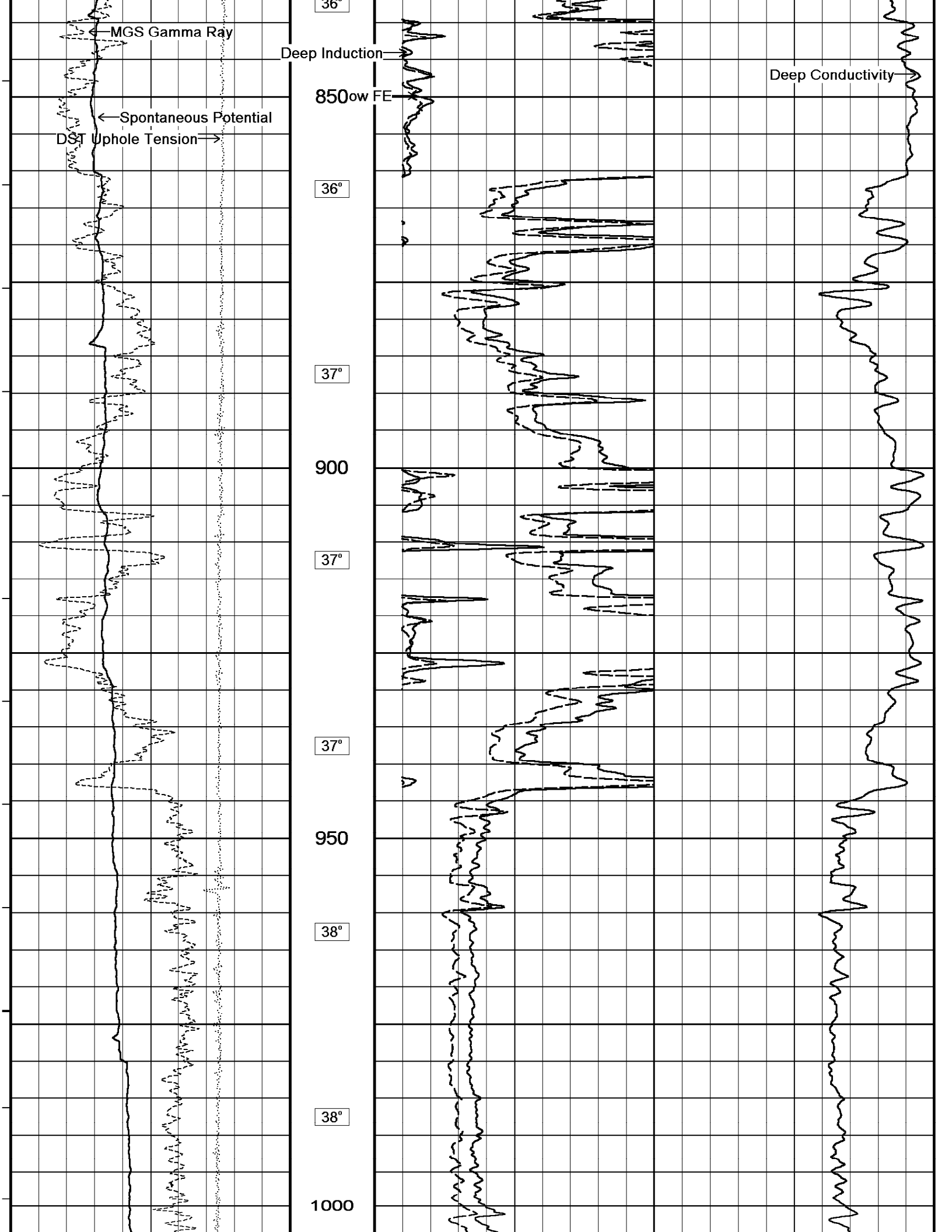
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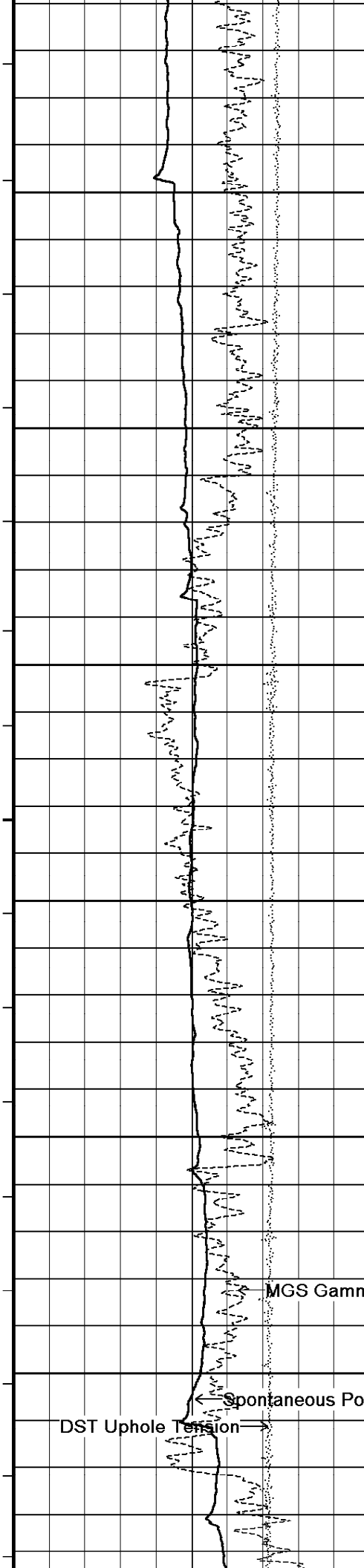
800

36°

33°







39°

40°

1050

40°

41°

1100

41°

42°

MGS Gamma Ray

Deep Induction →

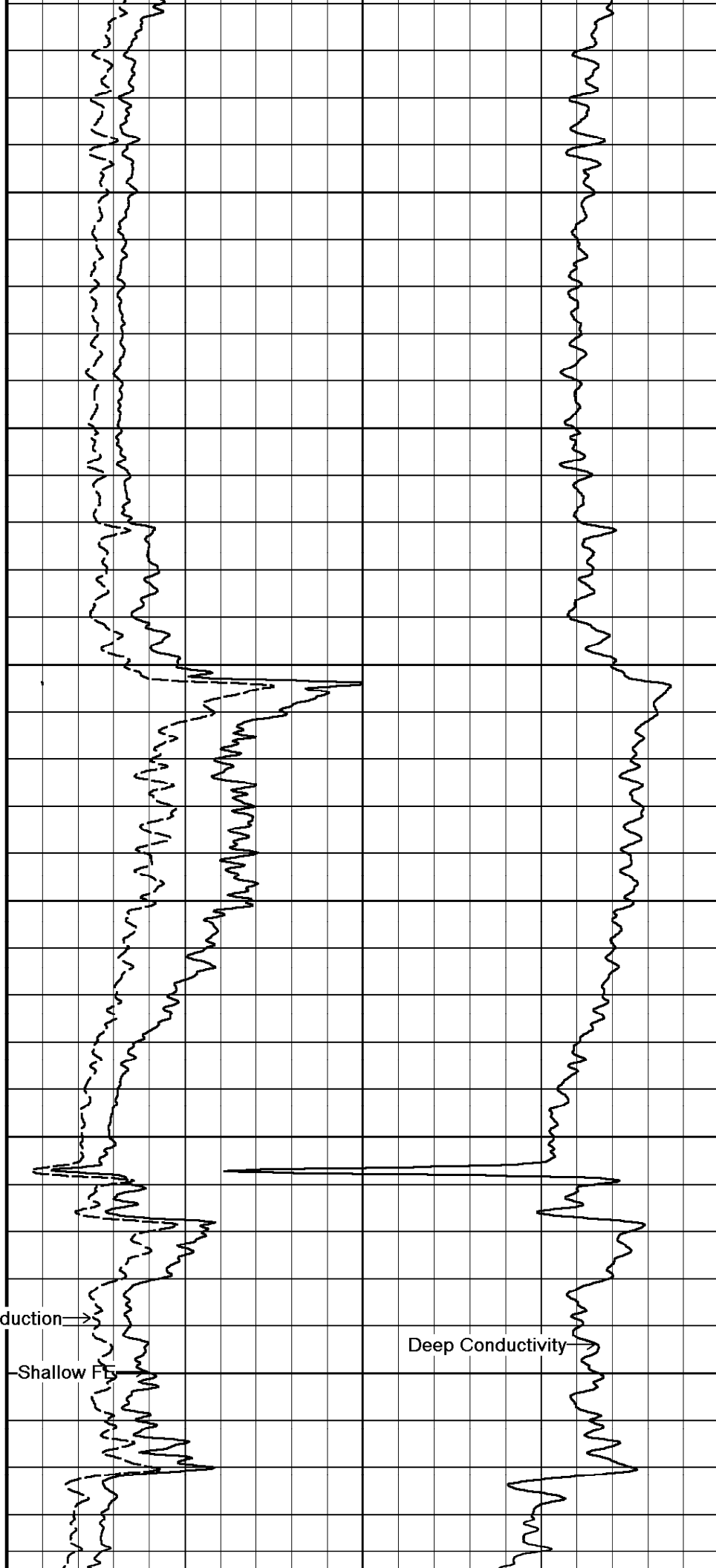
1150

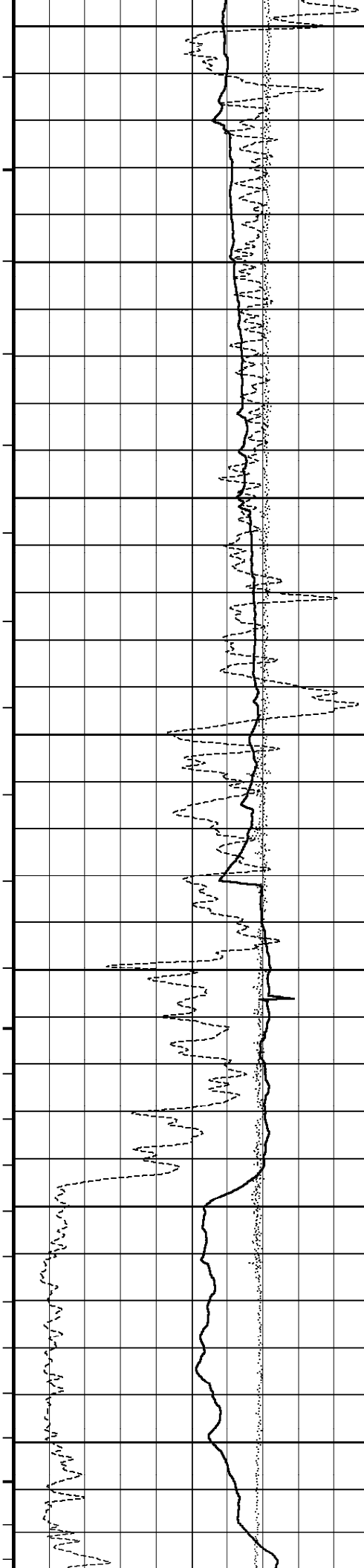
Shallow F →

← Spontaneous Potential

DST Uphole Tension →

43°





43°

1200

44°

45°

1250

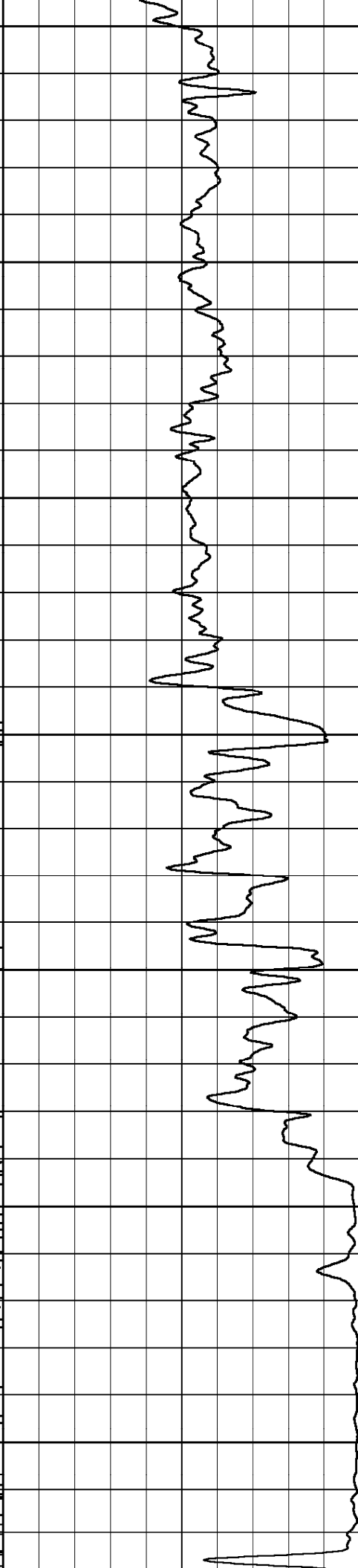
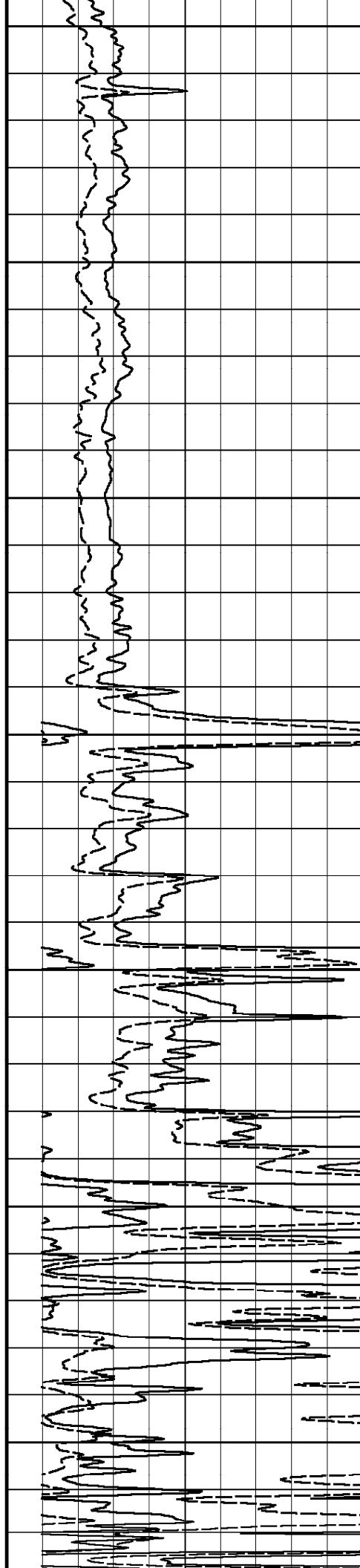
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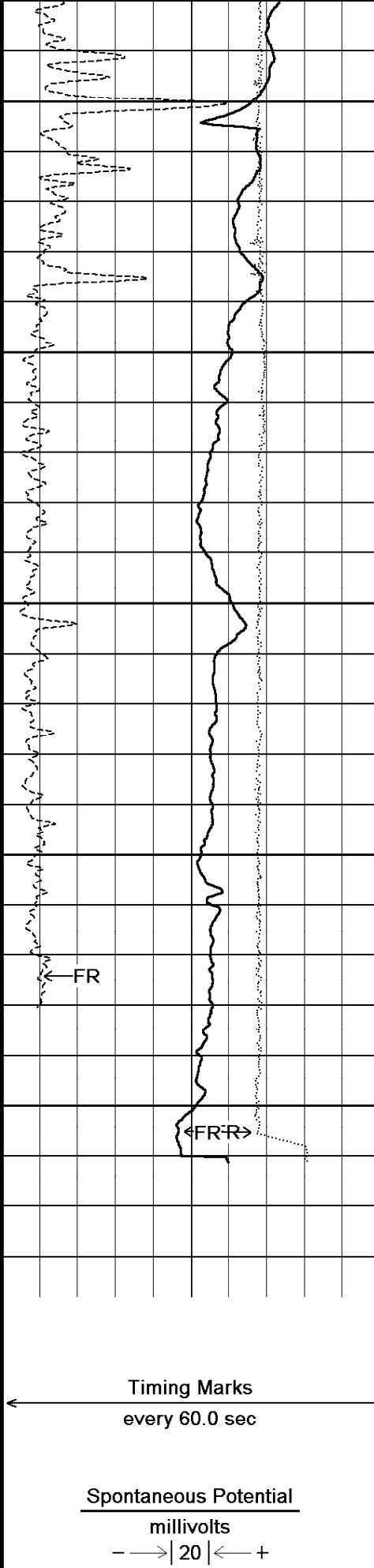
46°

1300

46°

47°





1350

48°

48°

1400

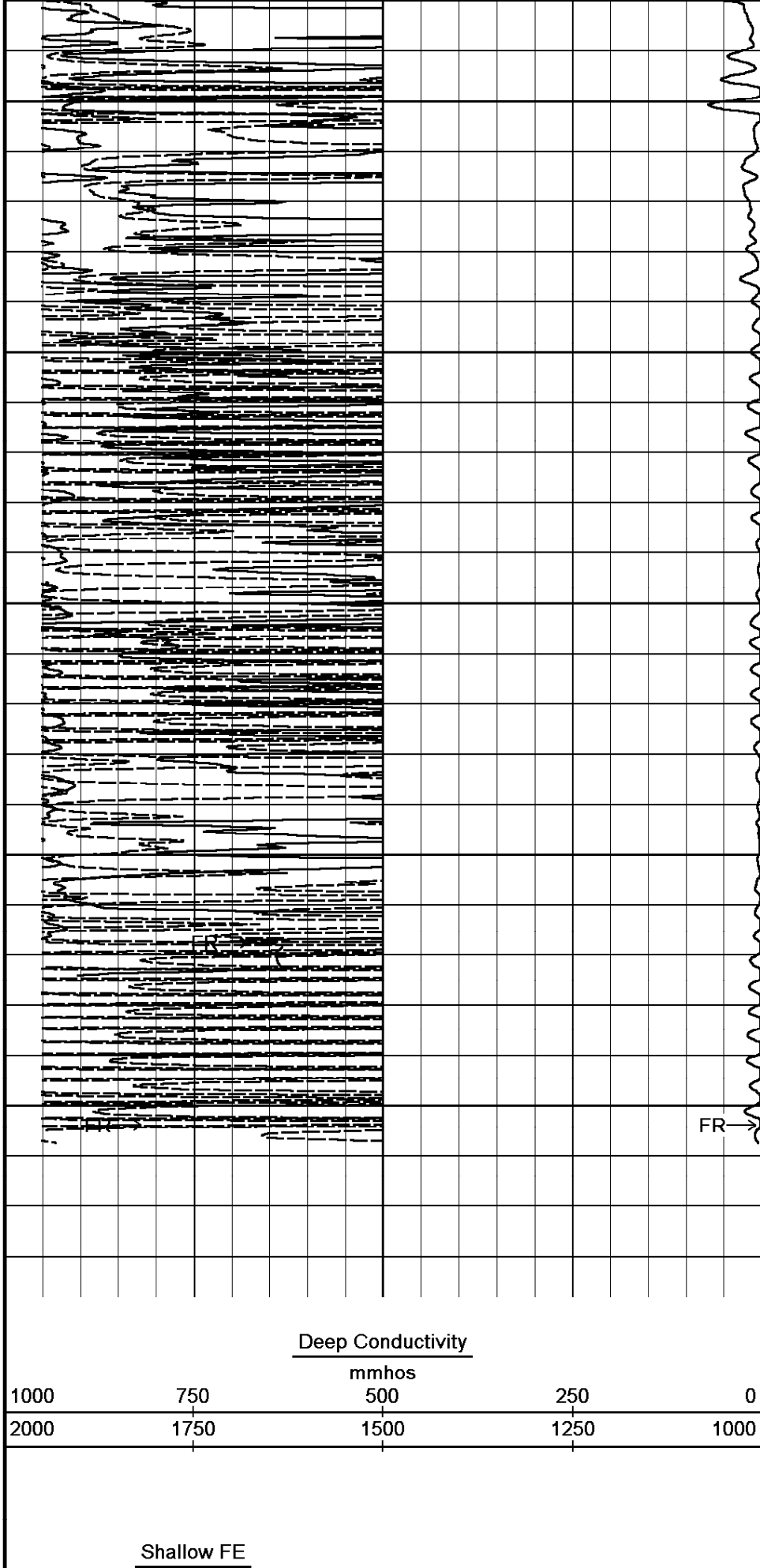
48°

1450

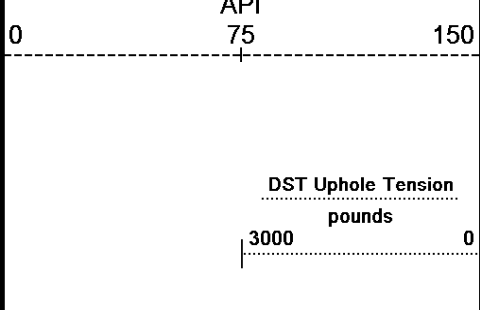
1468

Depth
in
Metres

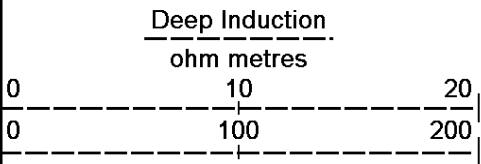
Borehole
Temp in
deg C



MGS Gamma Ray



Replay
Scale
1:600

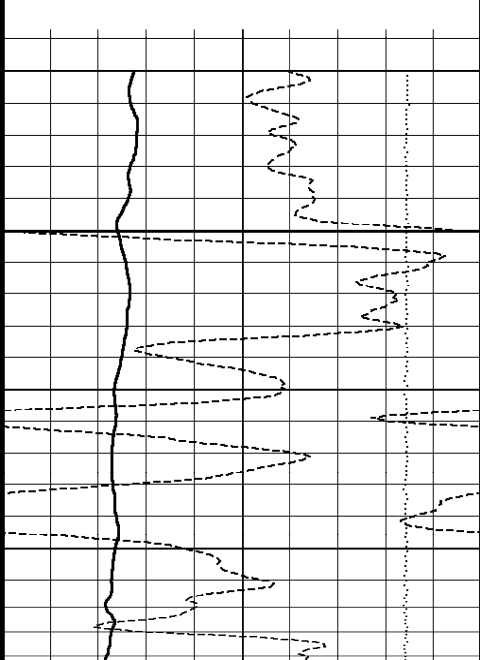
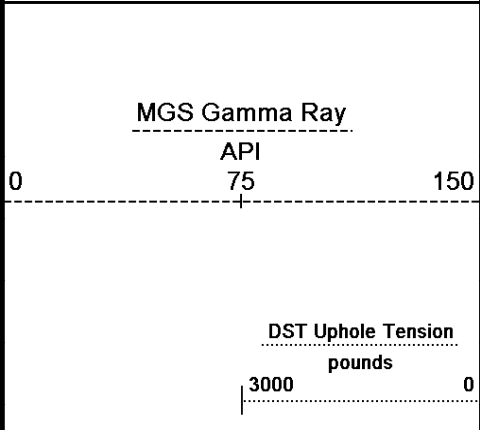
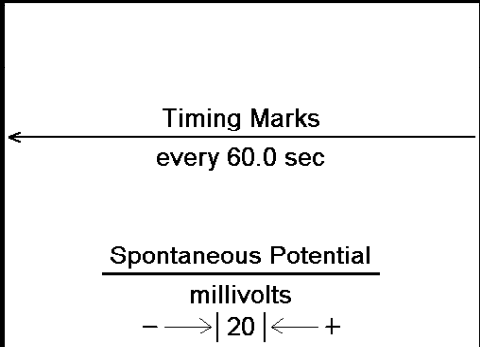


Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 25-JAN-2007 03:16
Filename: C:\DOCUME~1\murraytm\LOCALS~1\Temp\Precision PreView\L40 SPLICE_MAIN.dta
Recorded on 24-JAN-2007 18:58
System Versions: Processed with 7.01.0195 Plotted with 7.02.0256

↑ MAIN LOG 1:600 ↑

↓ MAIN LOG 1:240 ↓

Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 25-JAN-2007 03:16
Filename: C:\DOCUME~1\murraytm\LOCALS~1\Temp\Precision PreView\L40 SPLICE_MAIN.dta
Recorded on 24-JAN-2007 18:58
System Versions: Processed with 7.01.0195 Plotted with 7.02.0256



Depth
in
Metres

Borehole
Temp in
deg C

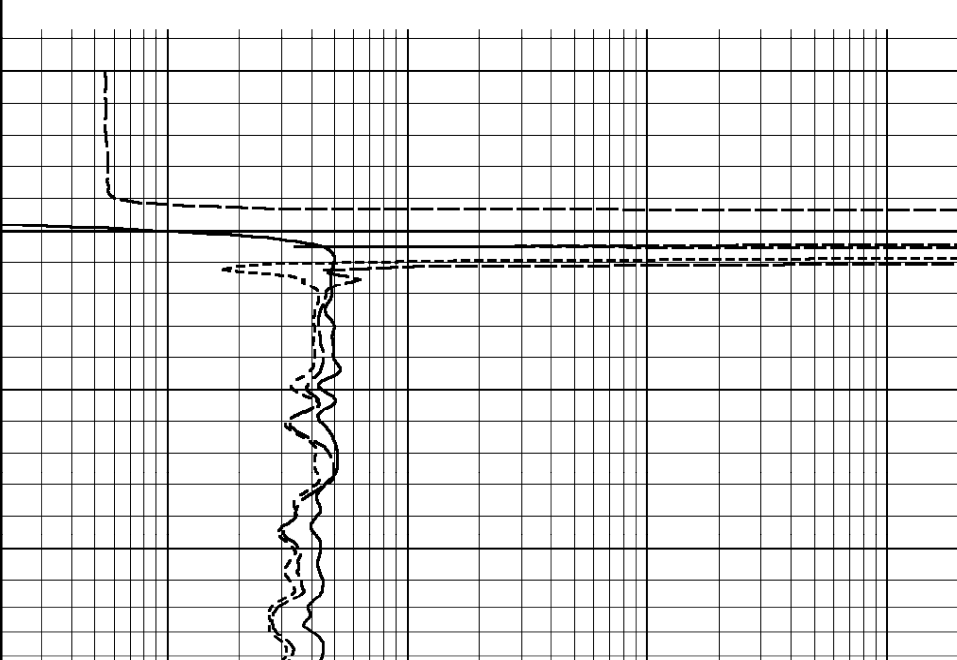
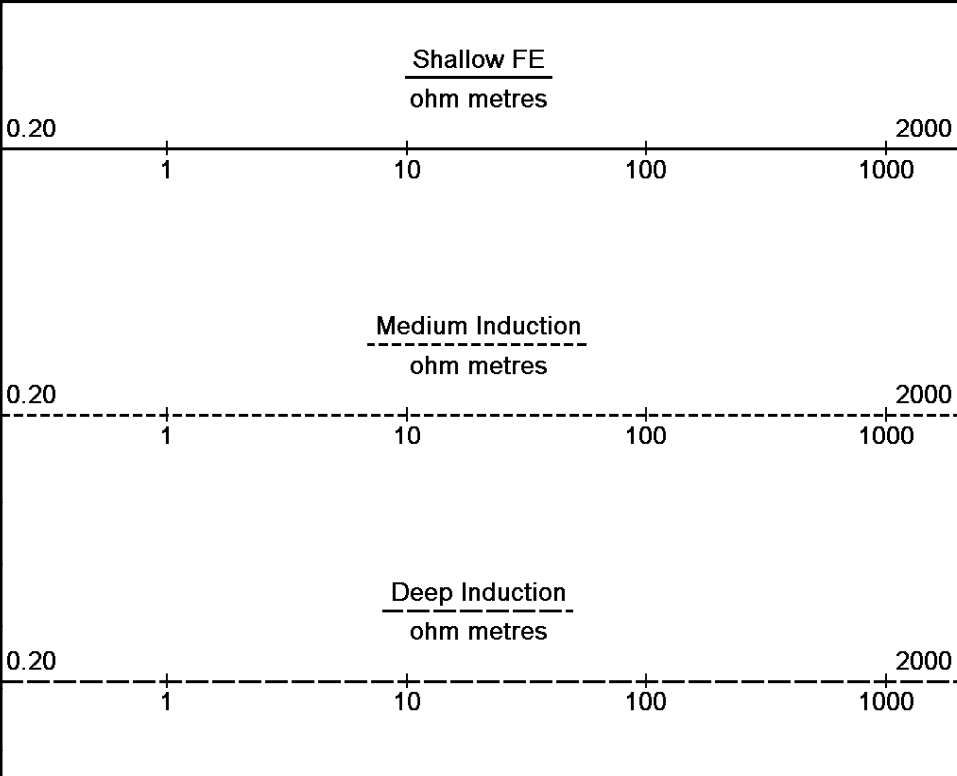
Replay
Scale
1:240

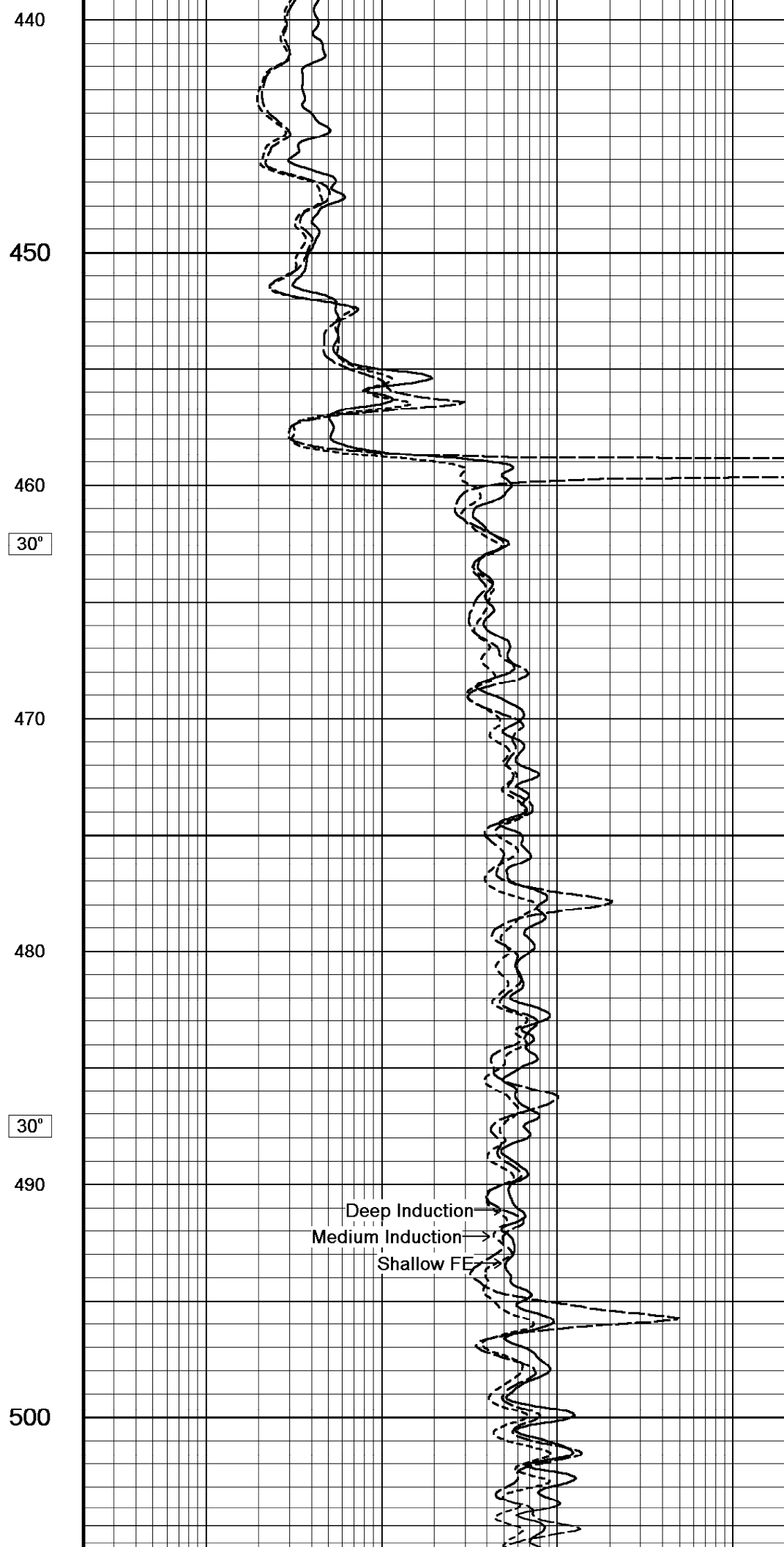
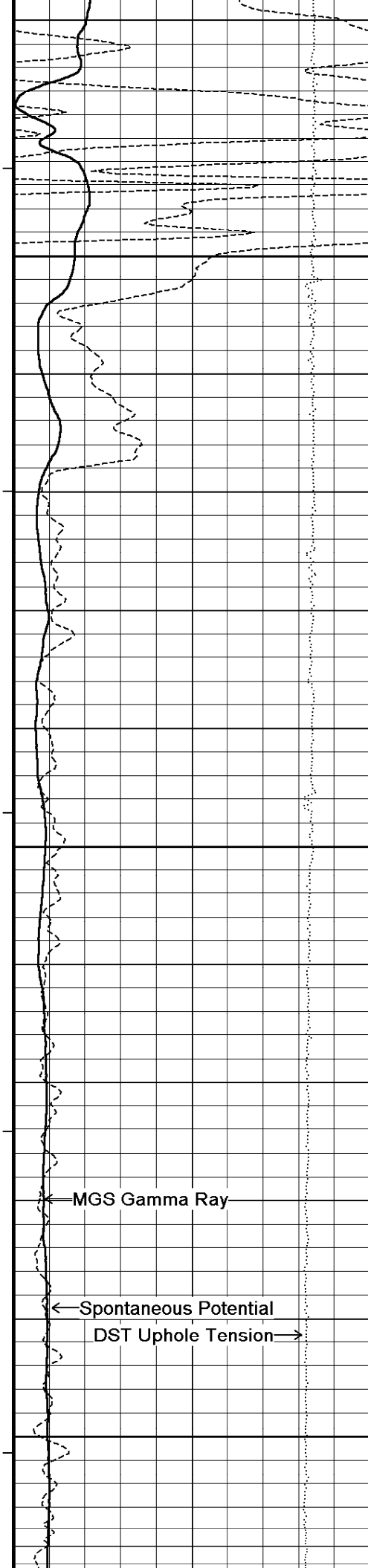
420

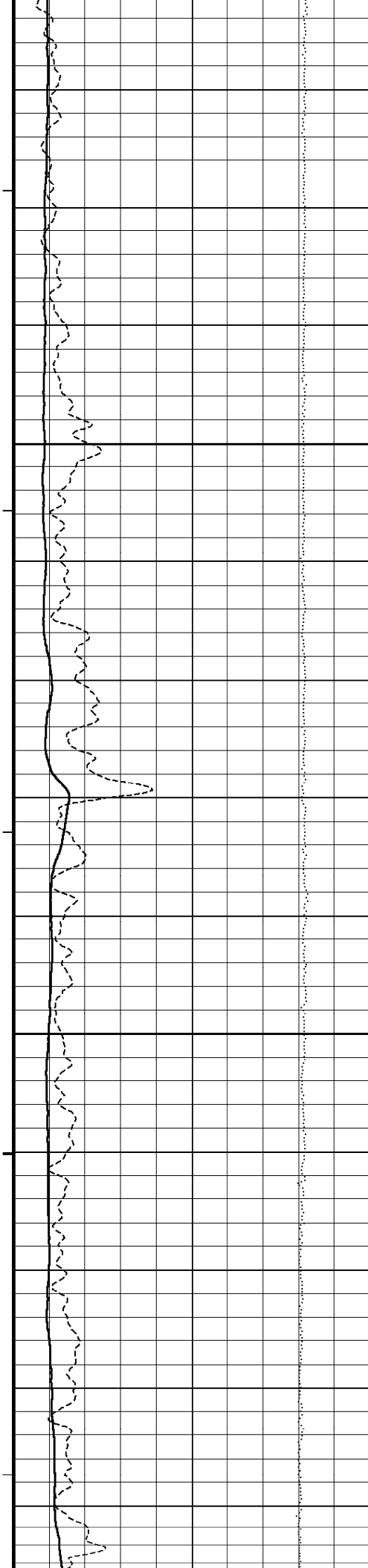
Casing
Shoe

430

30°







510

30°

520

530

31°

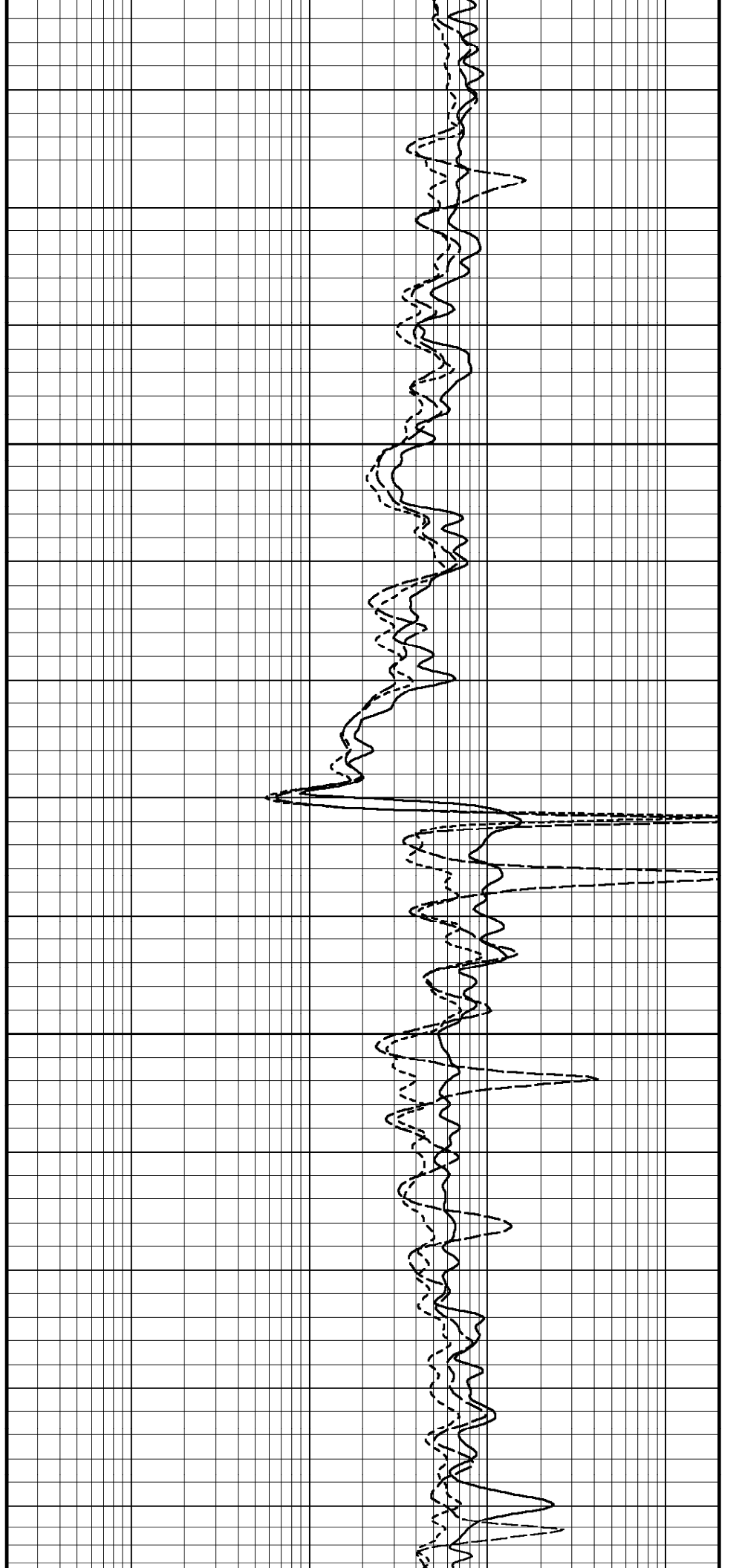
540

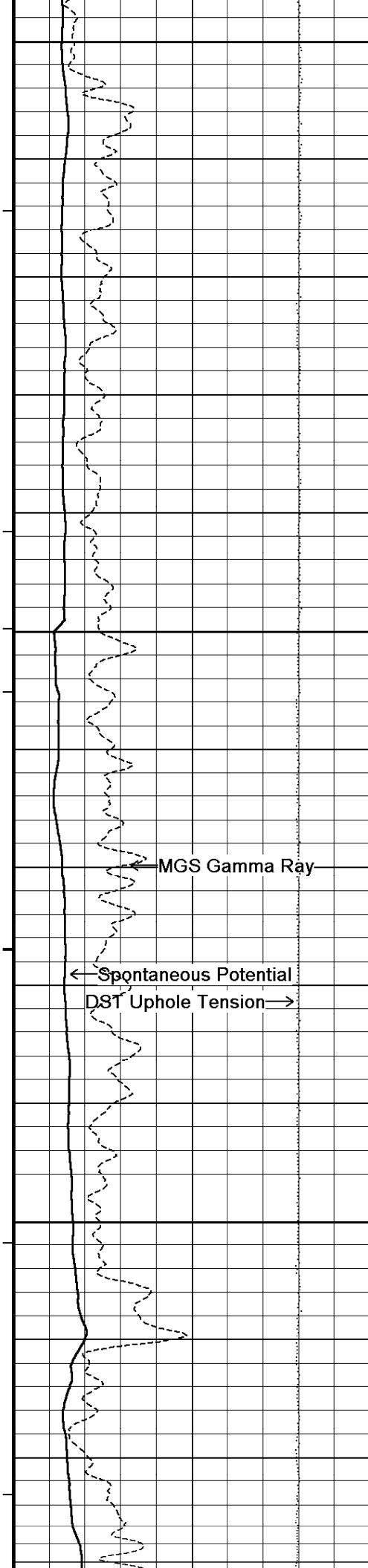
550

560

31°

570





580

31°

590

600

610

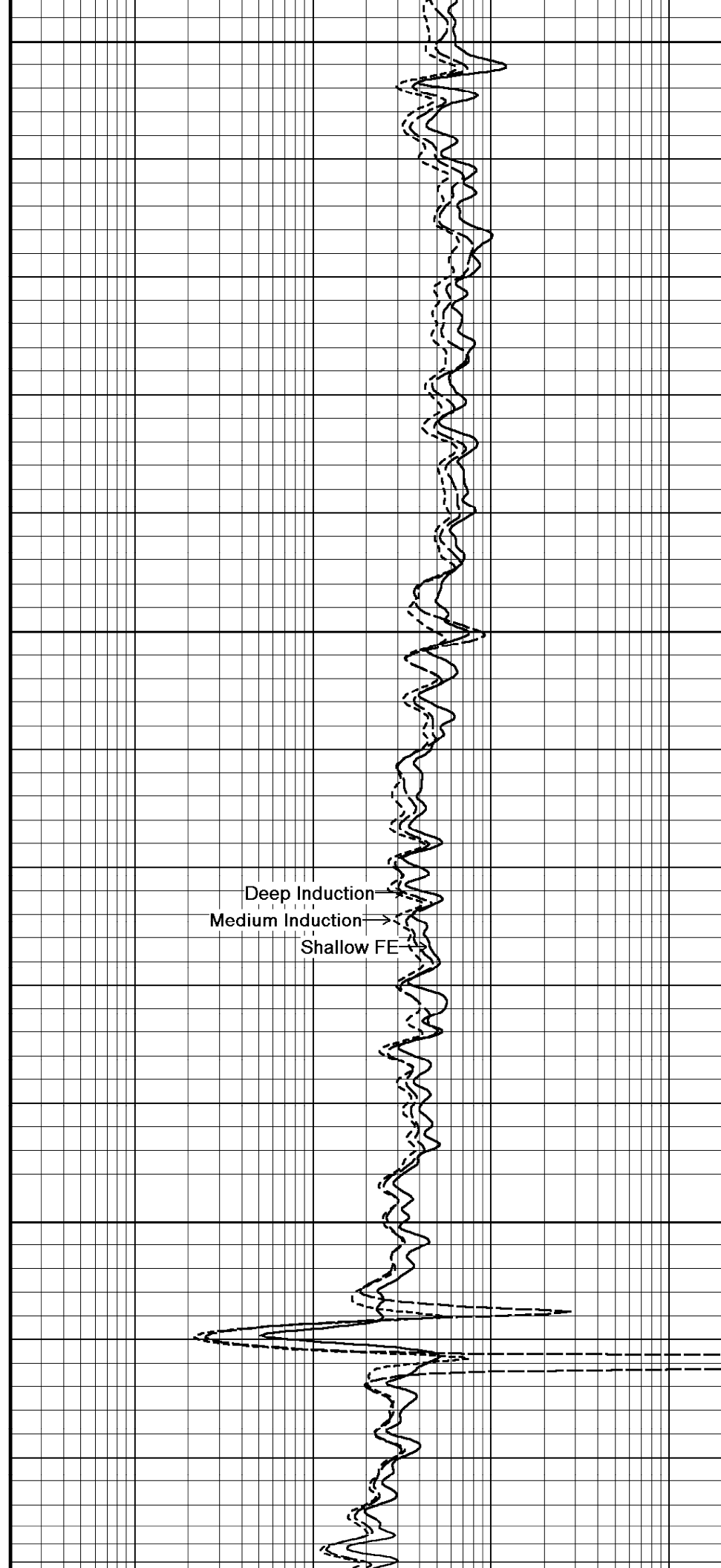
32°

620

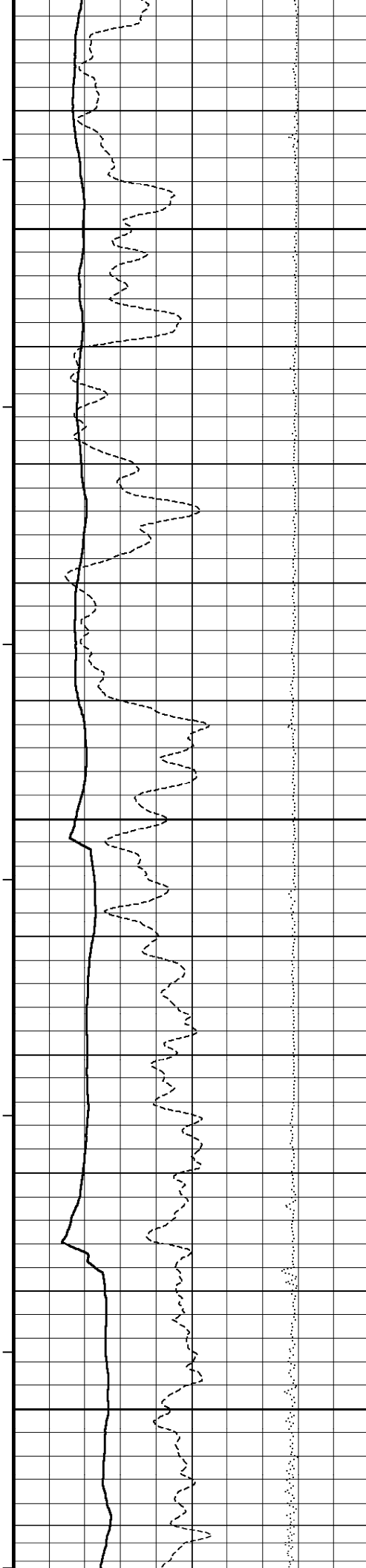
630

32°

640



Deep Induction
Medium Induction
Shallow FE



650

660

33°

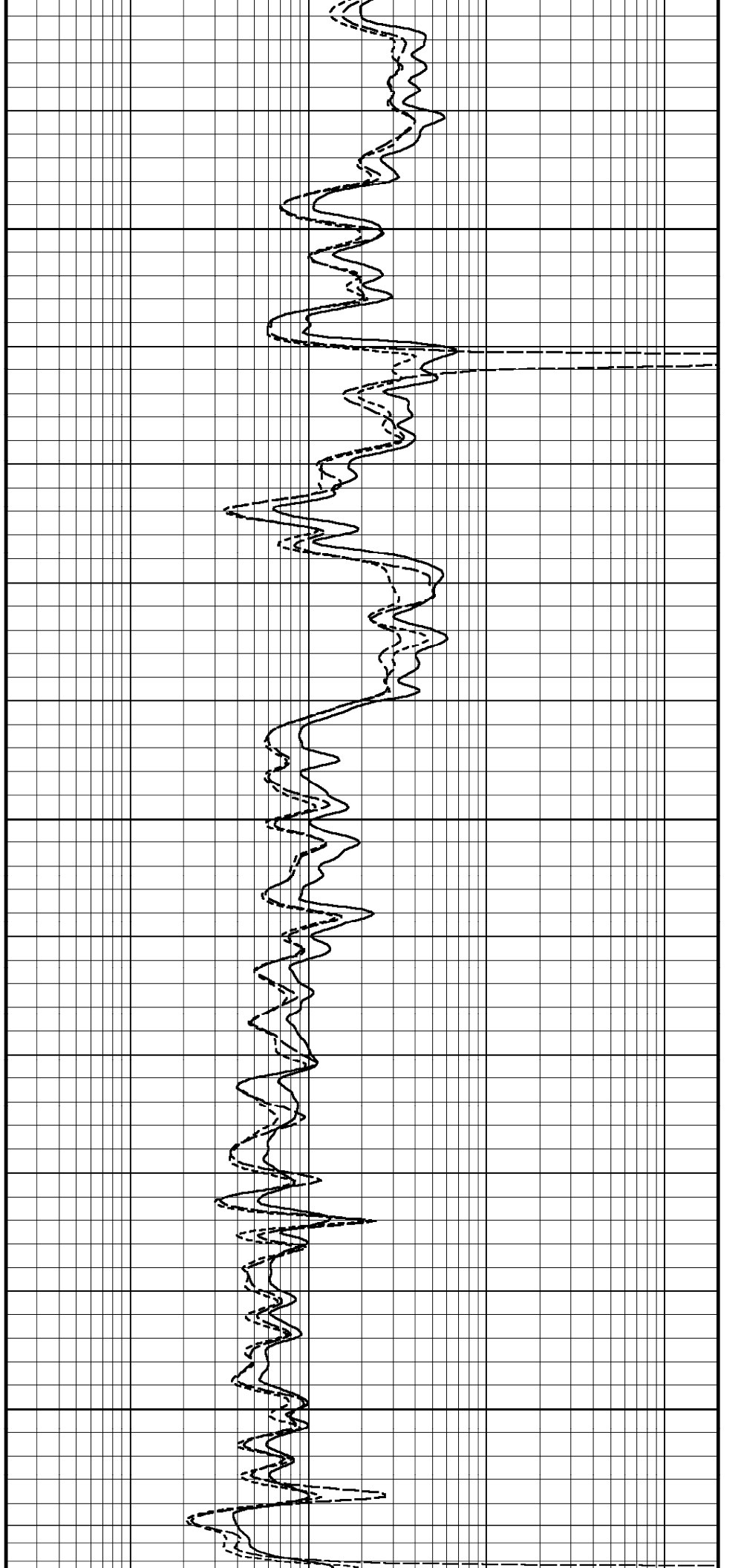
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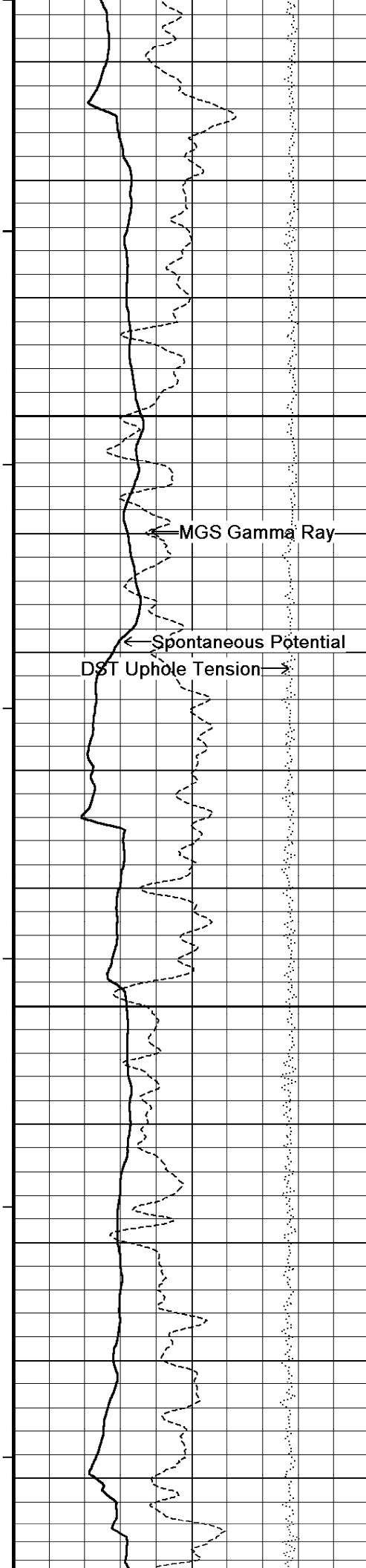
680

34°

690

700





710

34°

720

730

35°

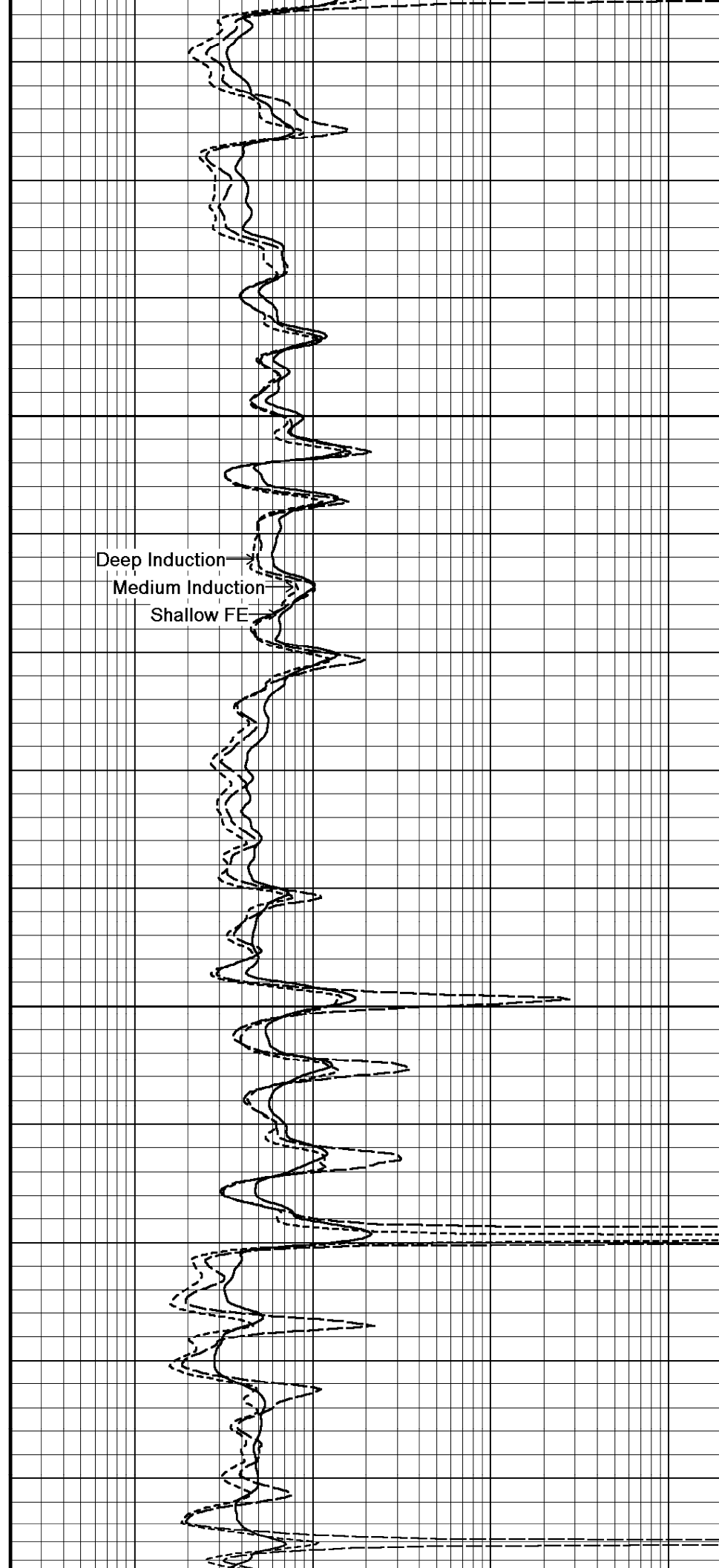
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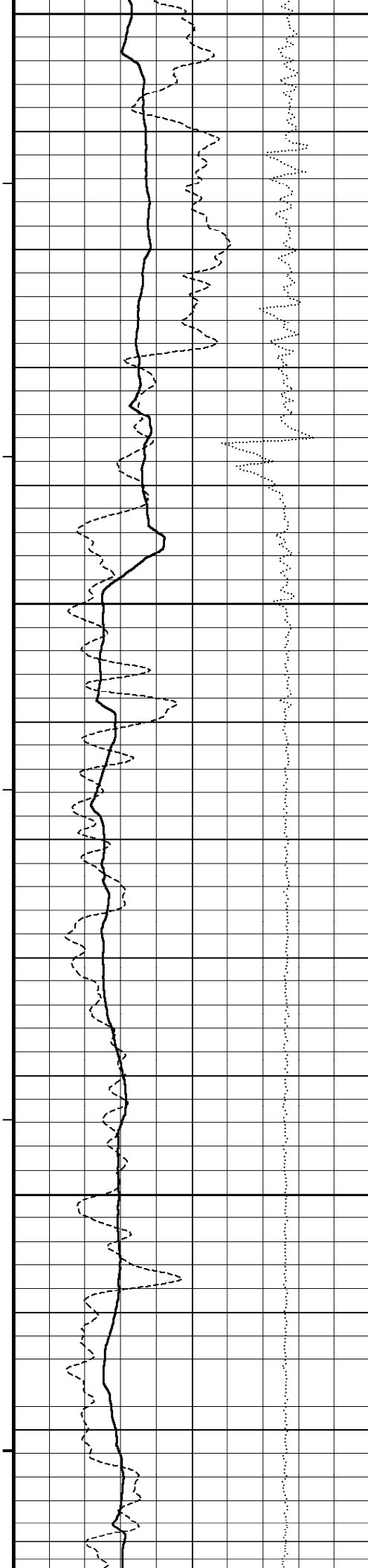
750

760

36°

770





780

35°

790

800

810

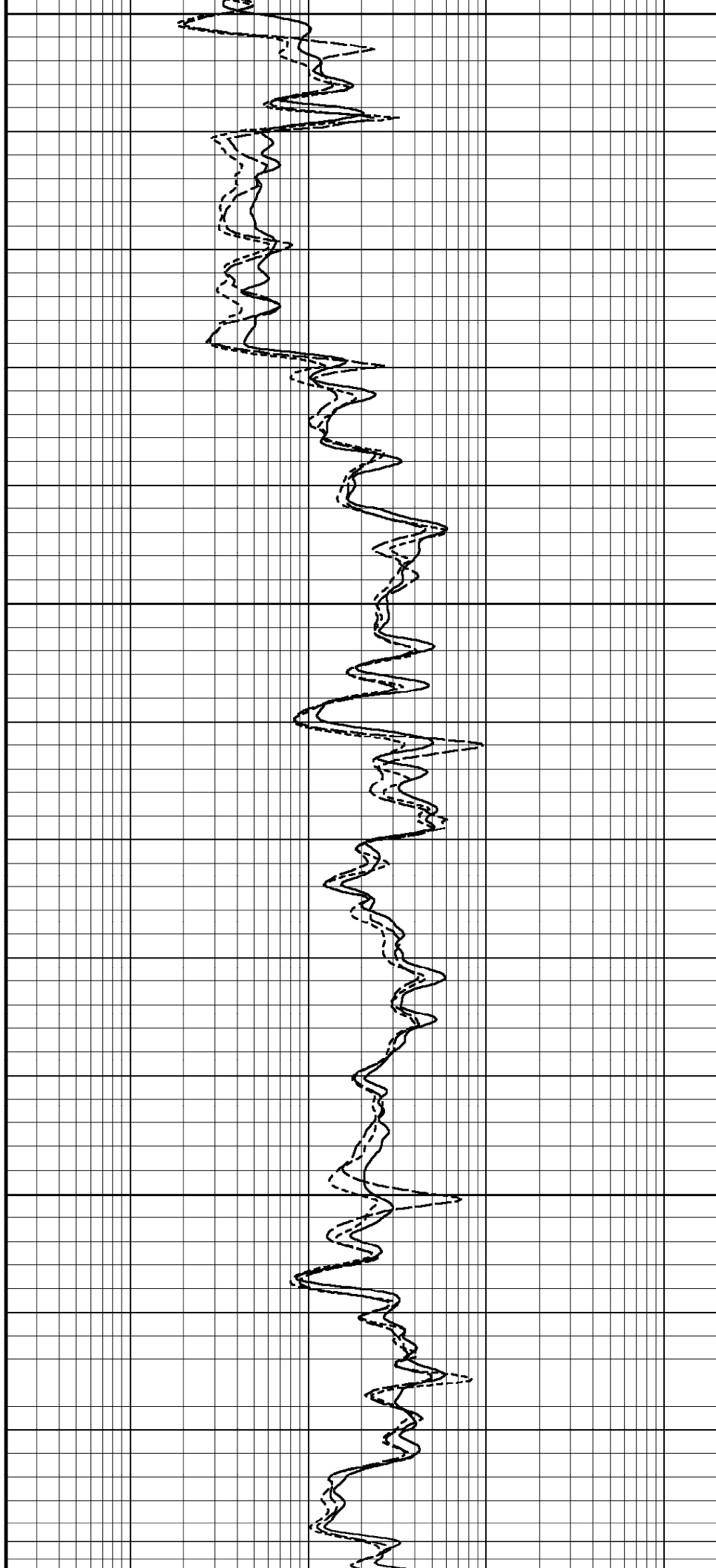
36°

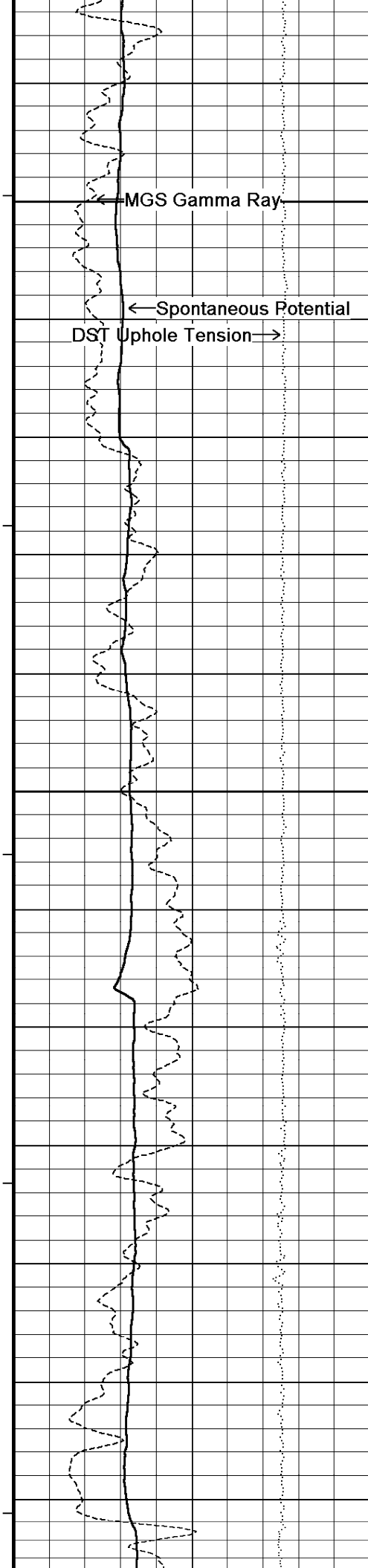
820

830

36°

840





850

860

36°

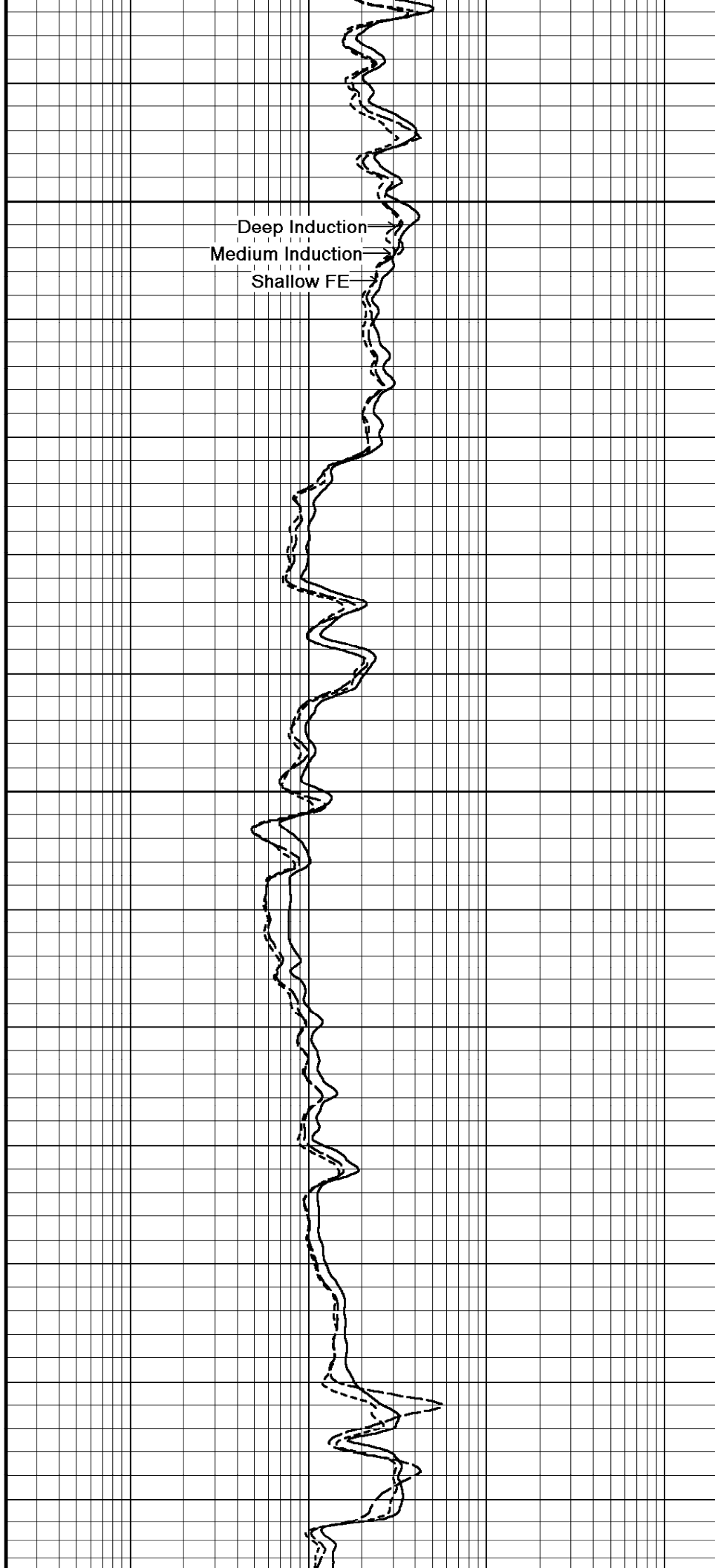
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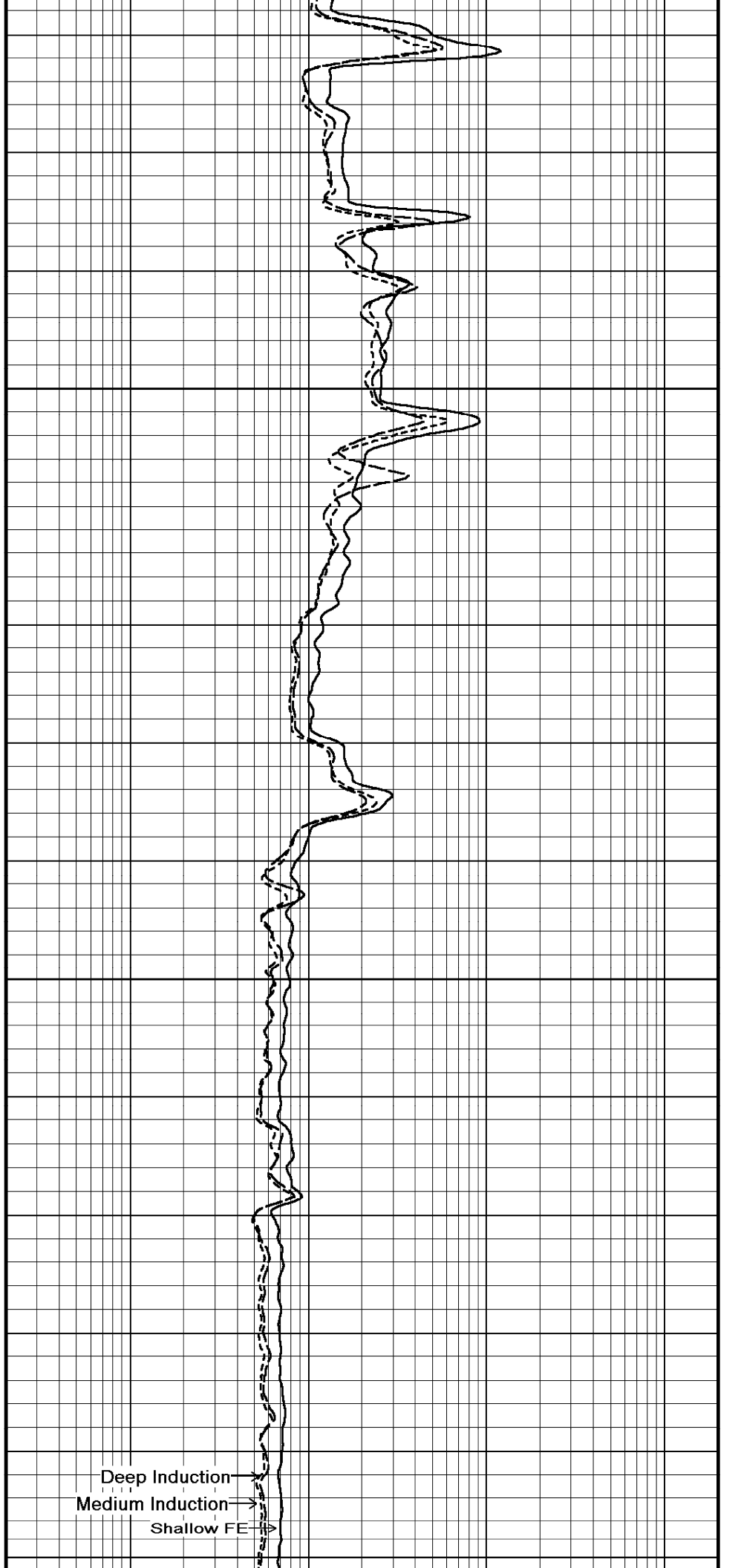
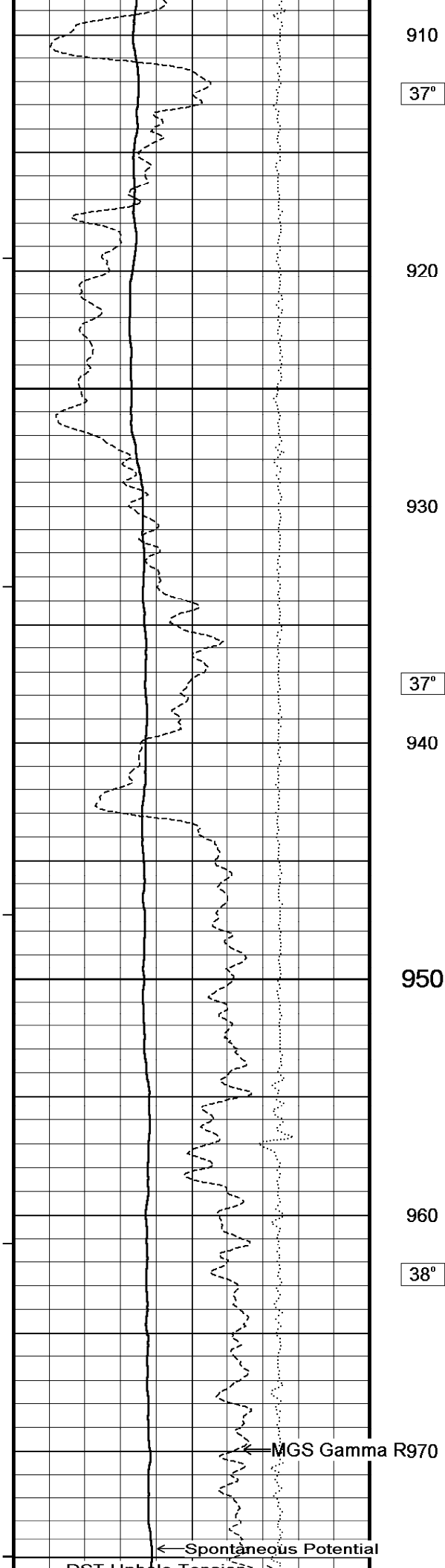
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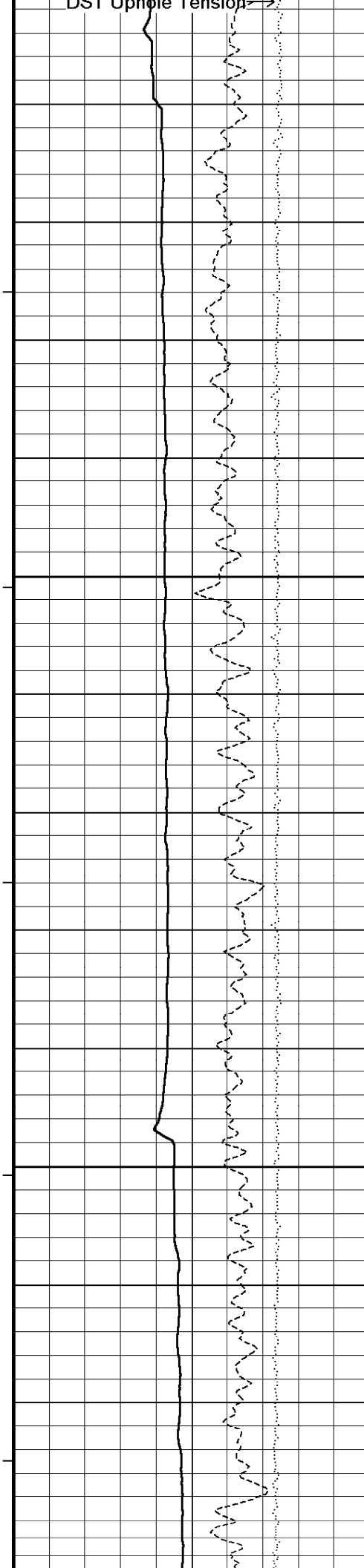
37°

890

900







980

38°

990

1000

1010

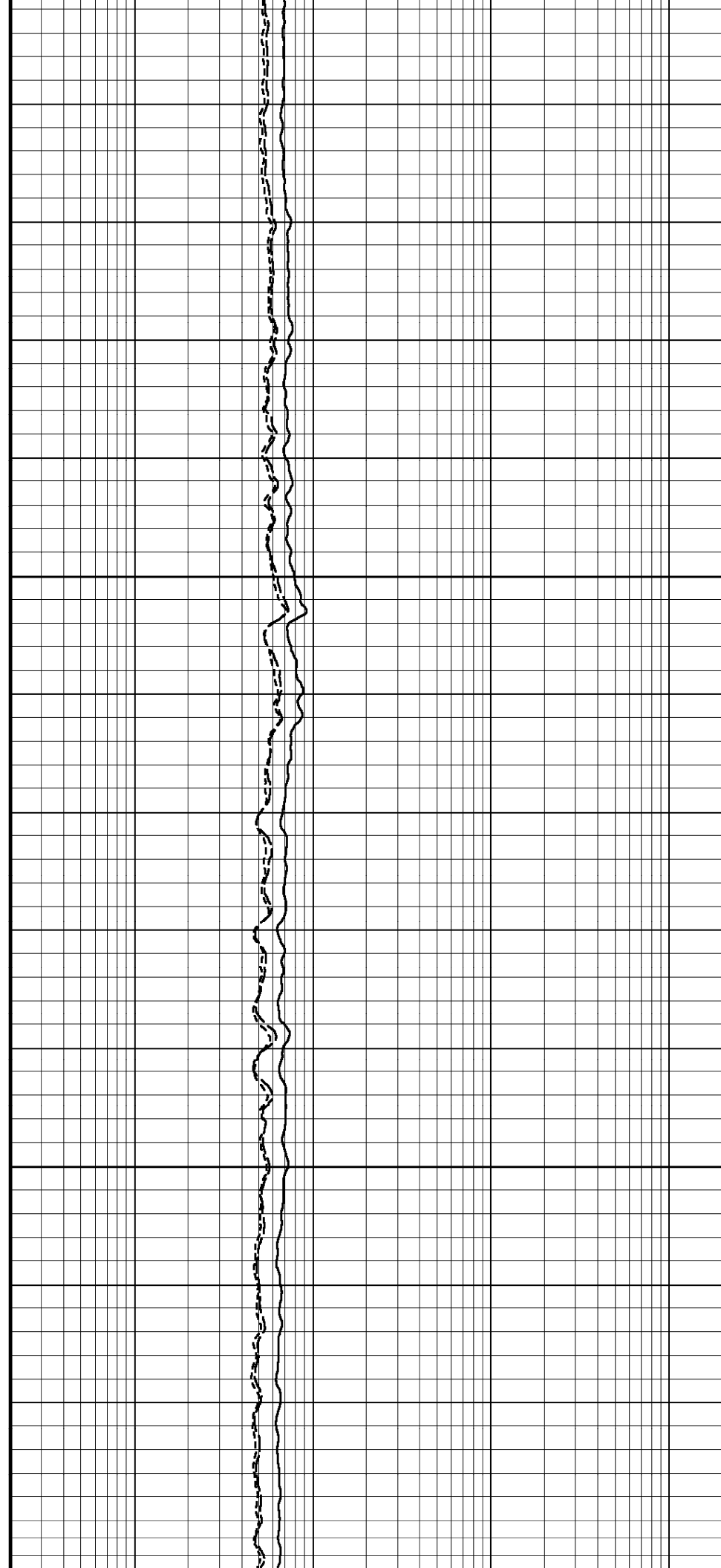
39°

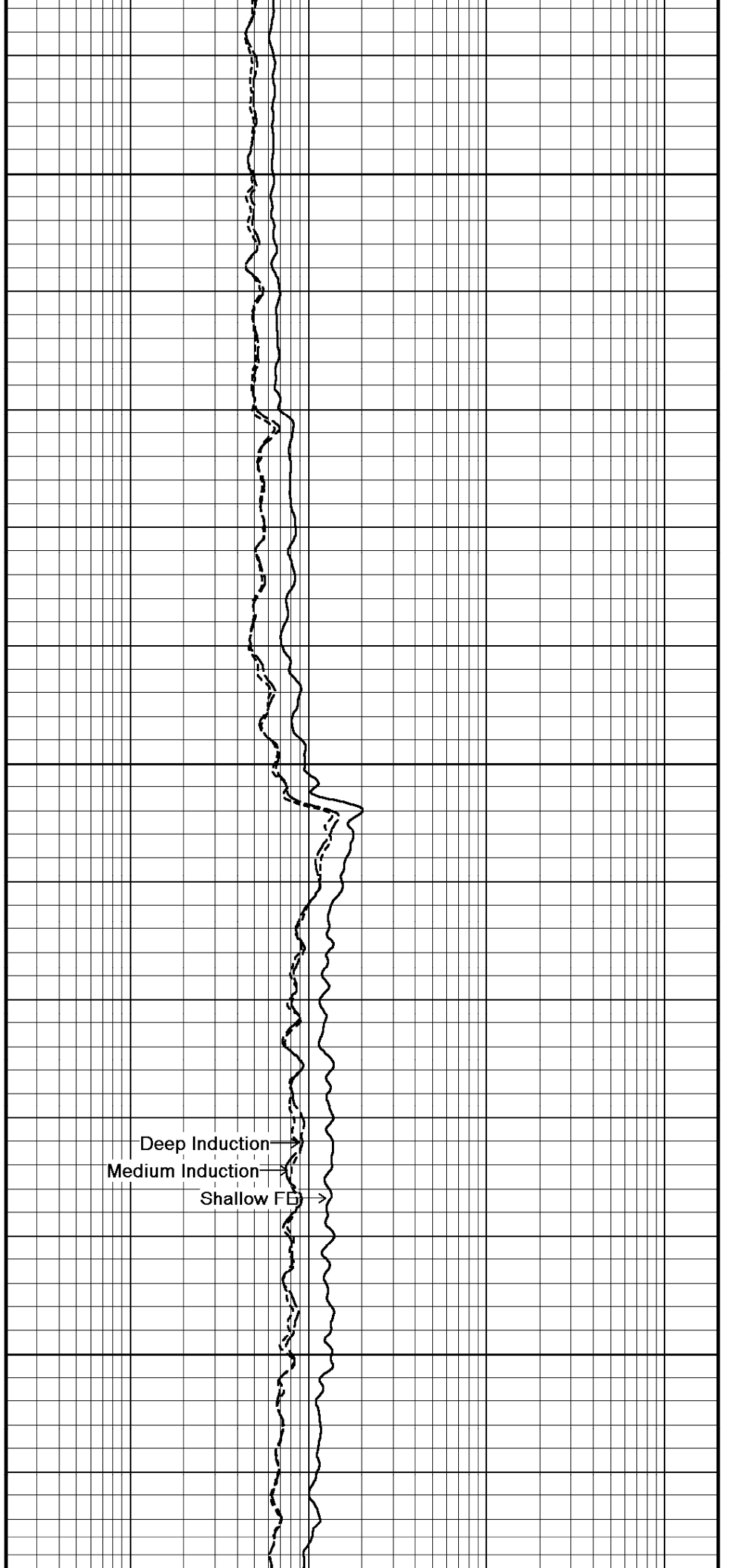
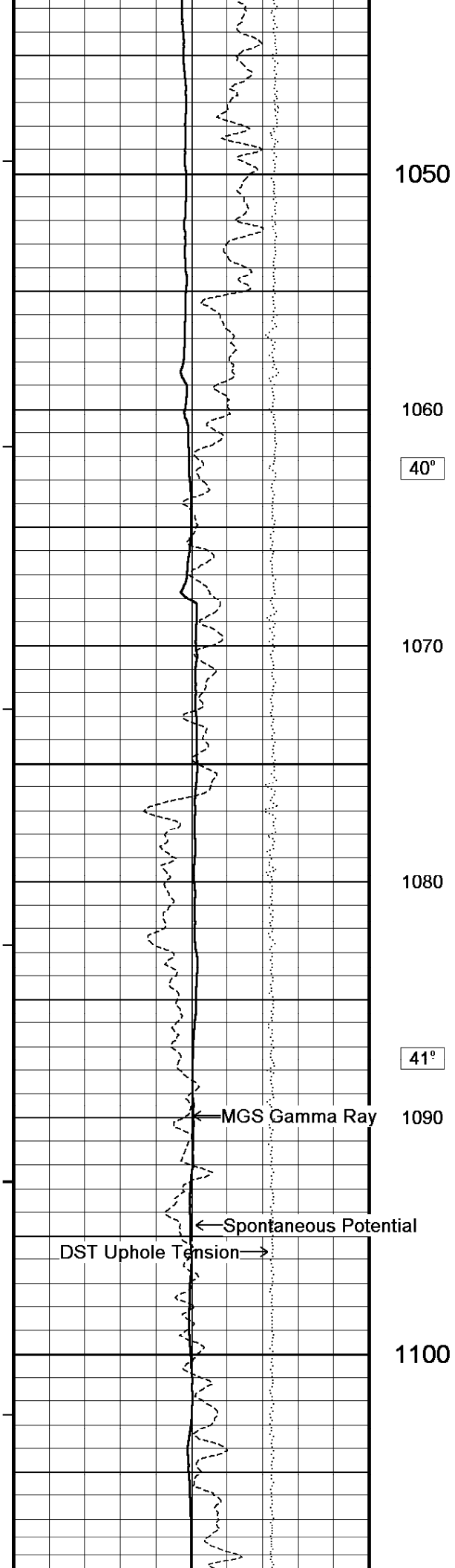
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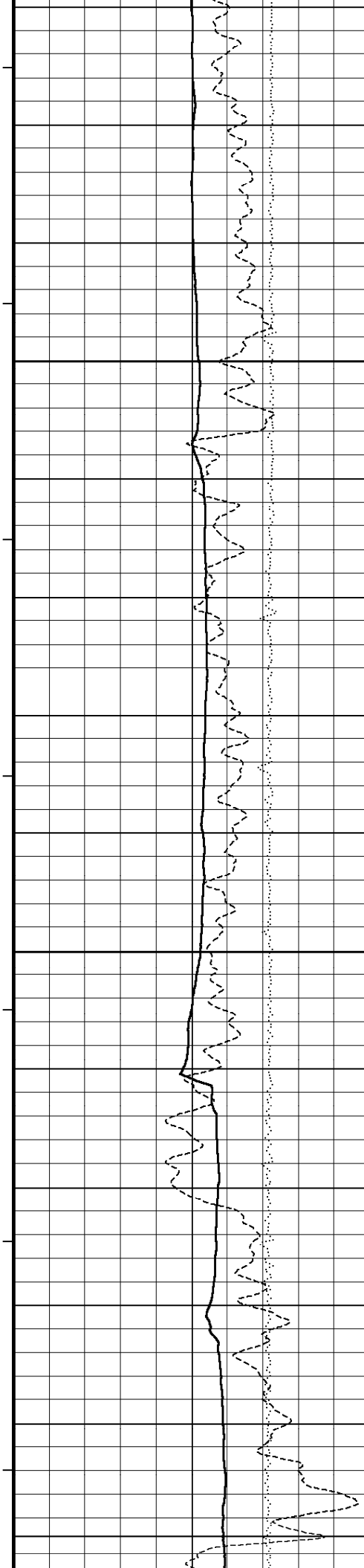
1030

40°

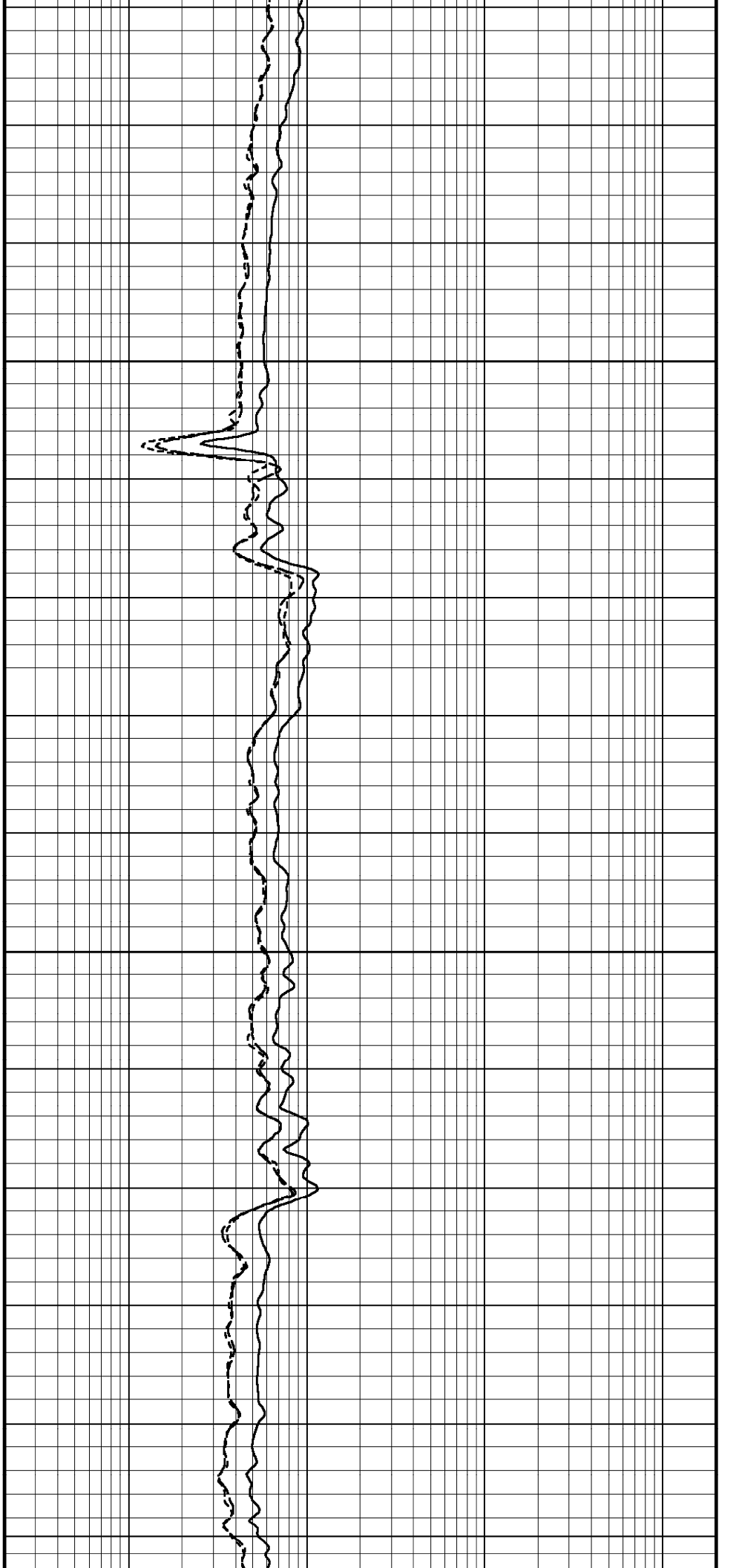
1040

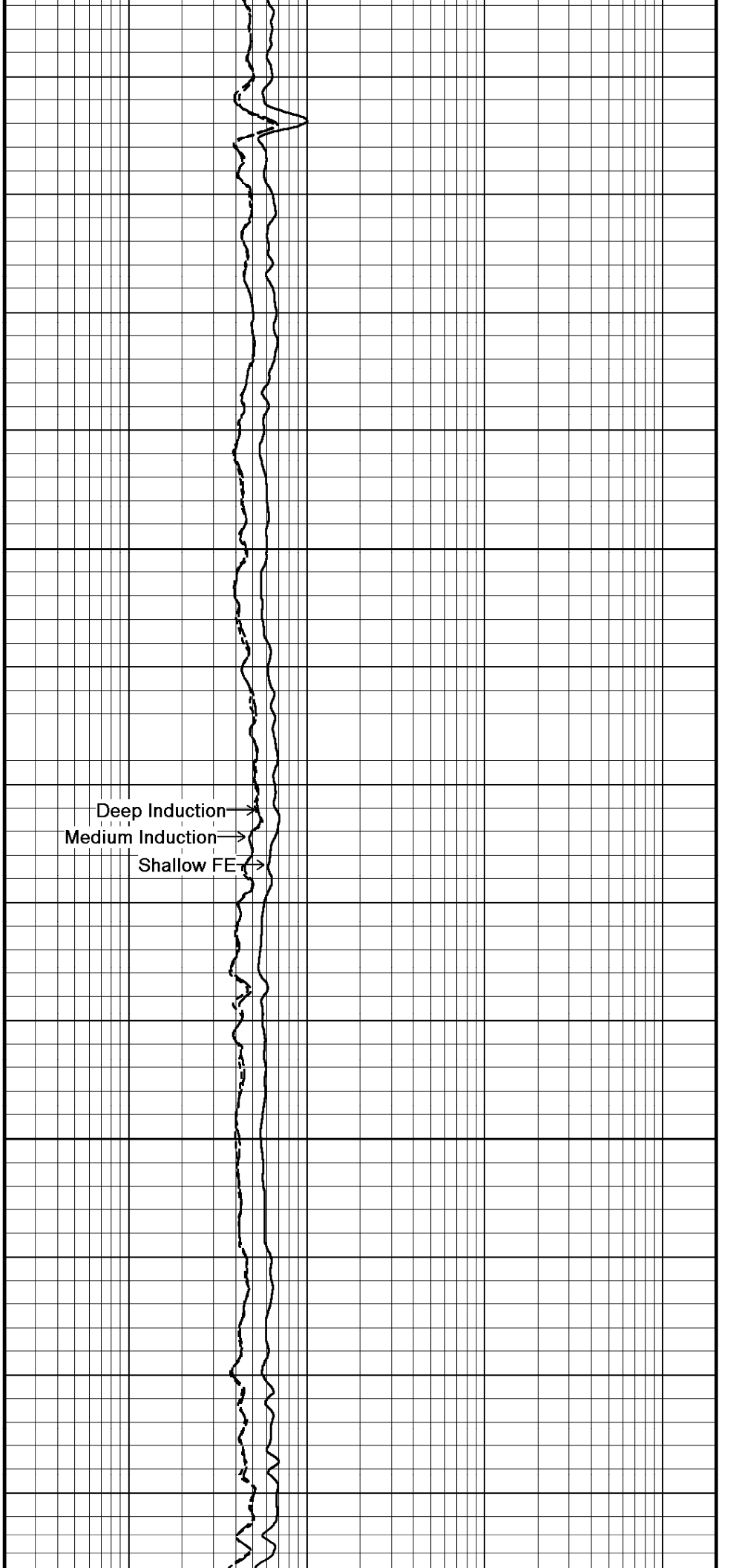
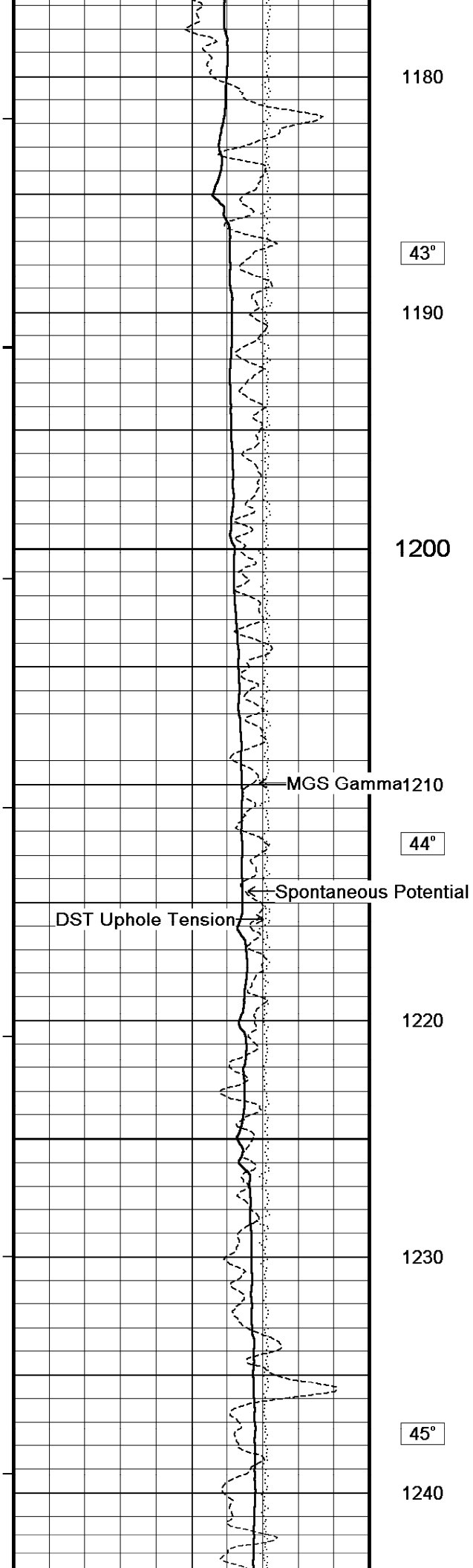


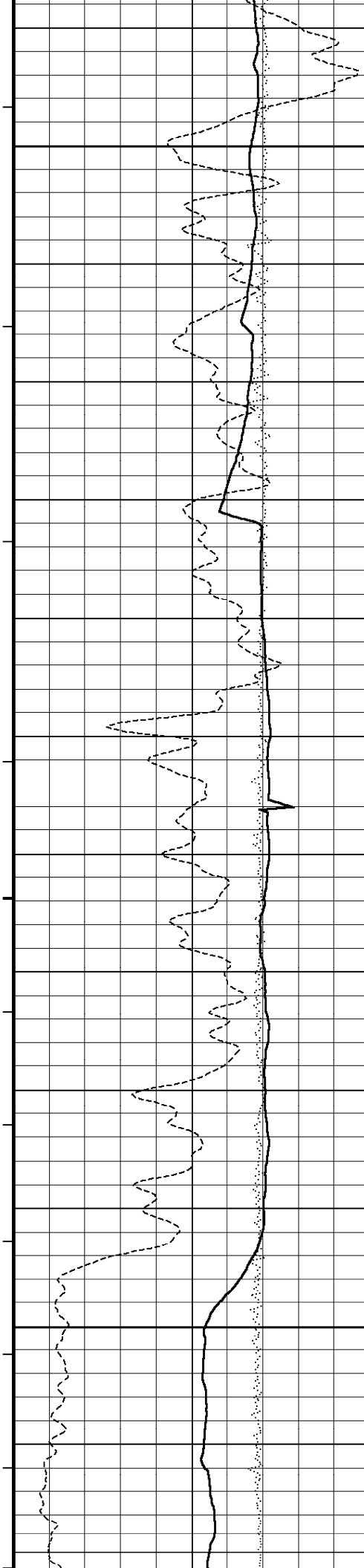




1110
41°
1120
1130
42°
1140
1150
1160
43°
1170







1250

1260

45°

1270

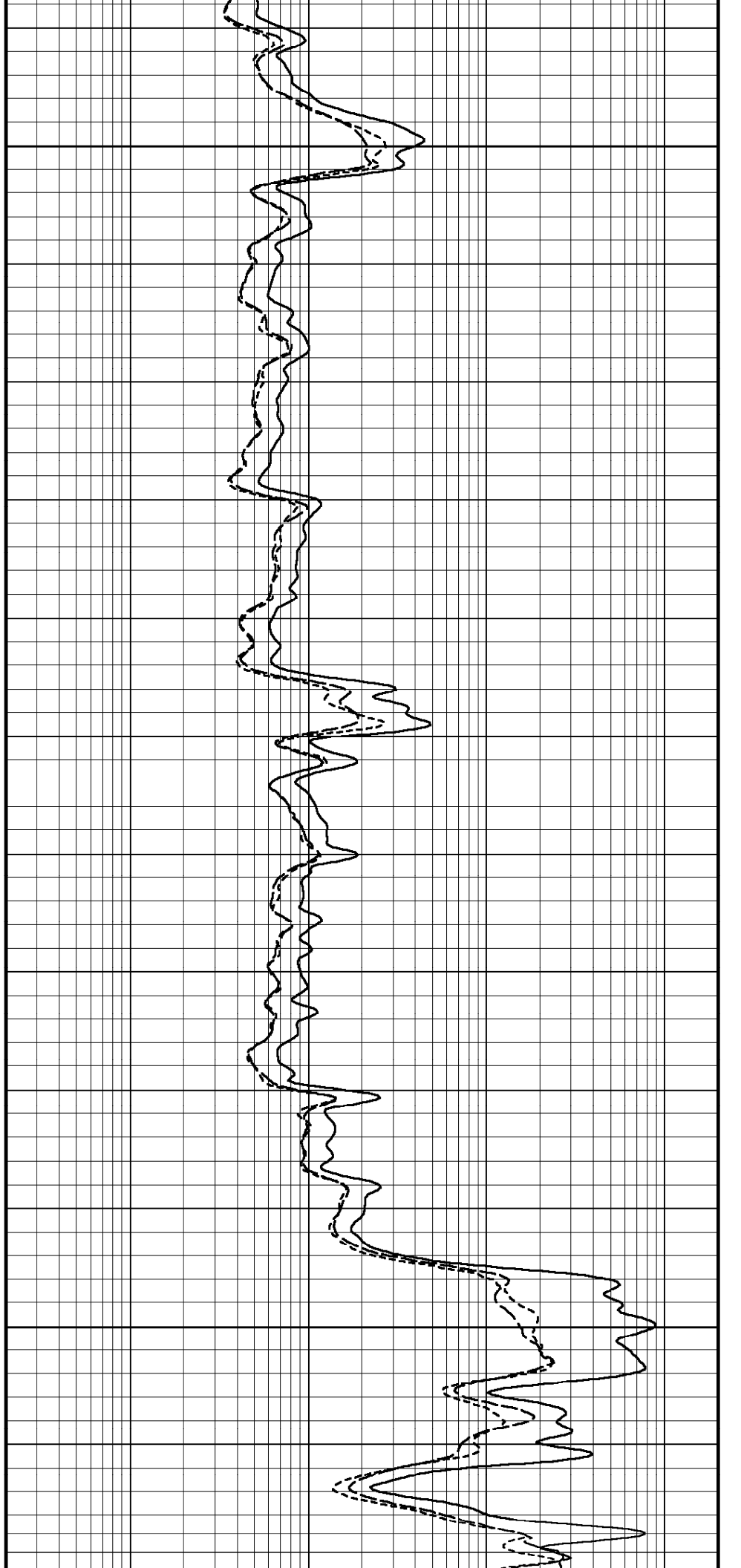
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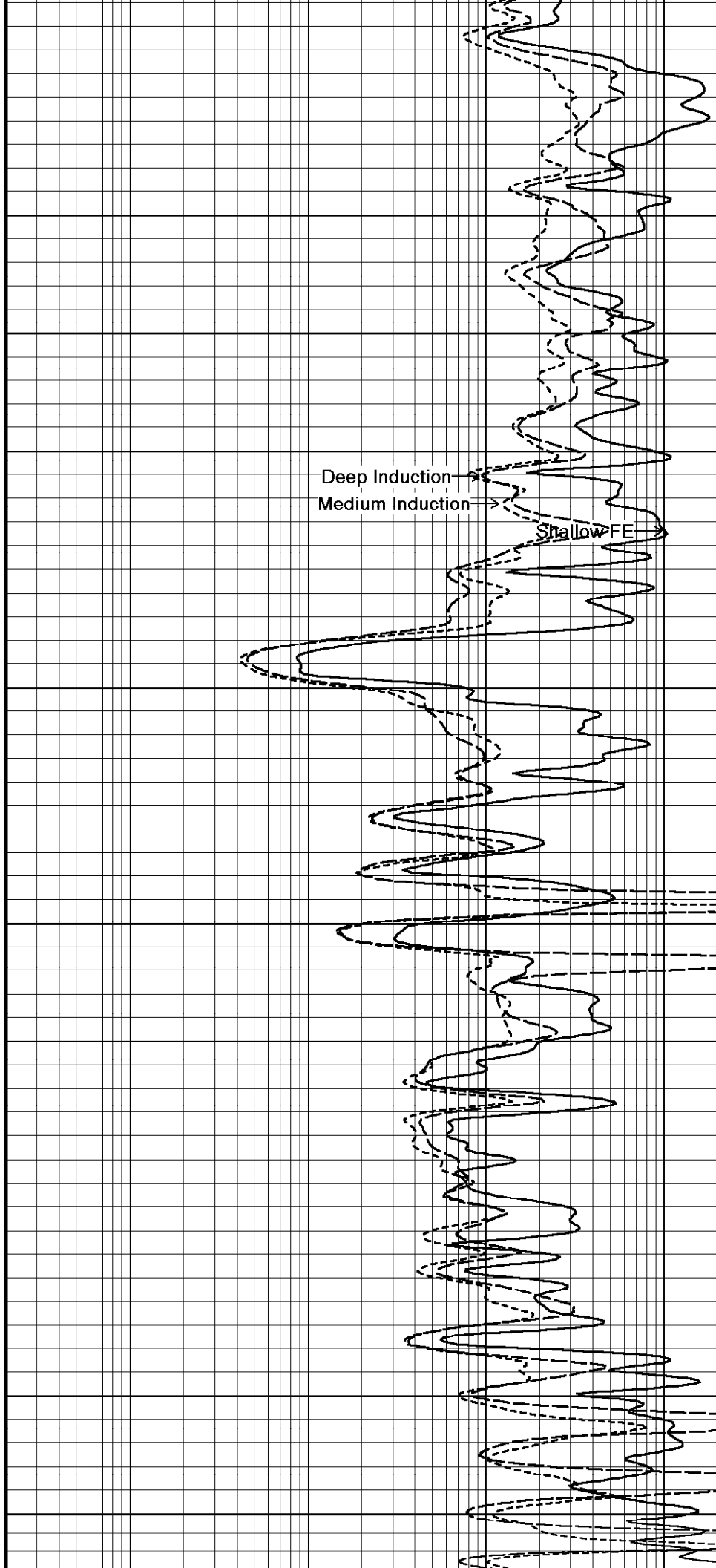
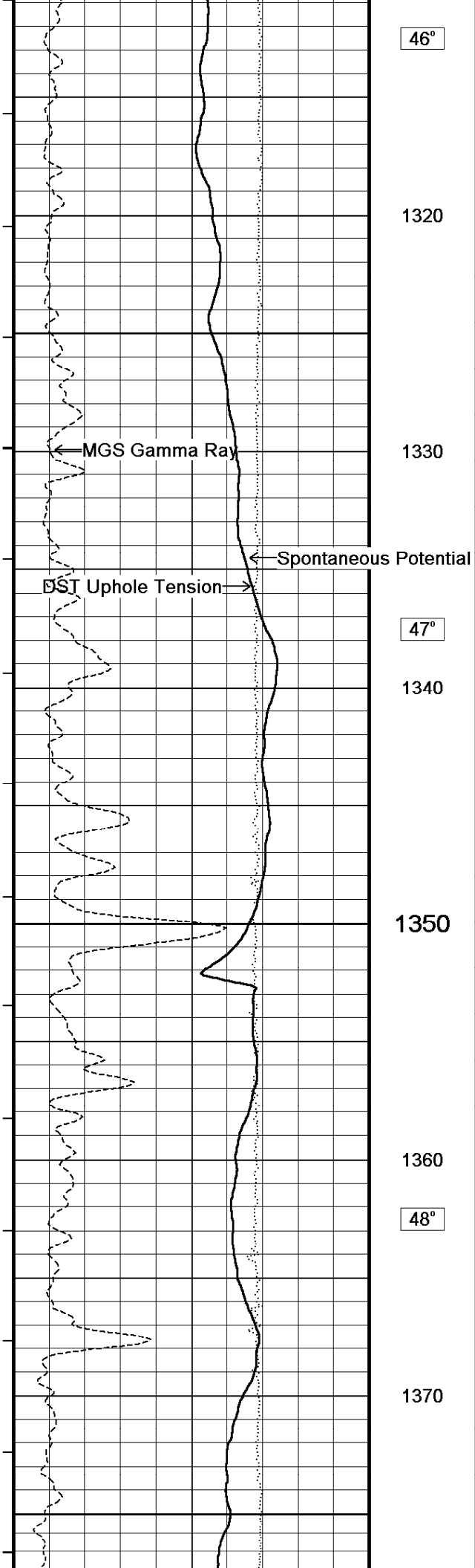
46°

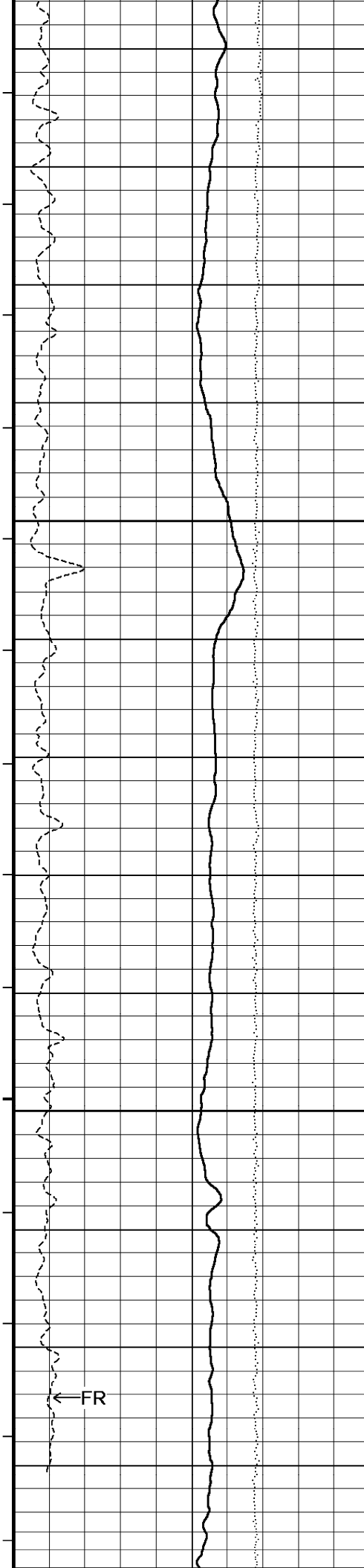
1290

1300

1310







1380

48°

1390

1400

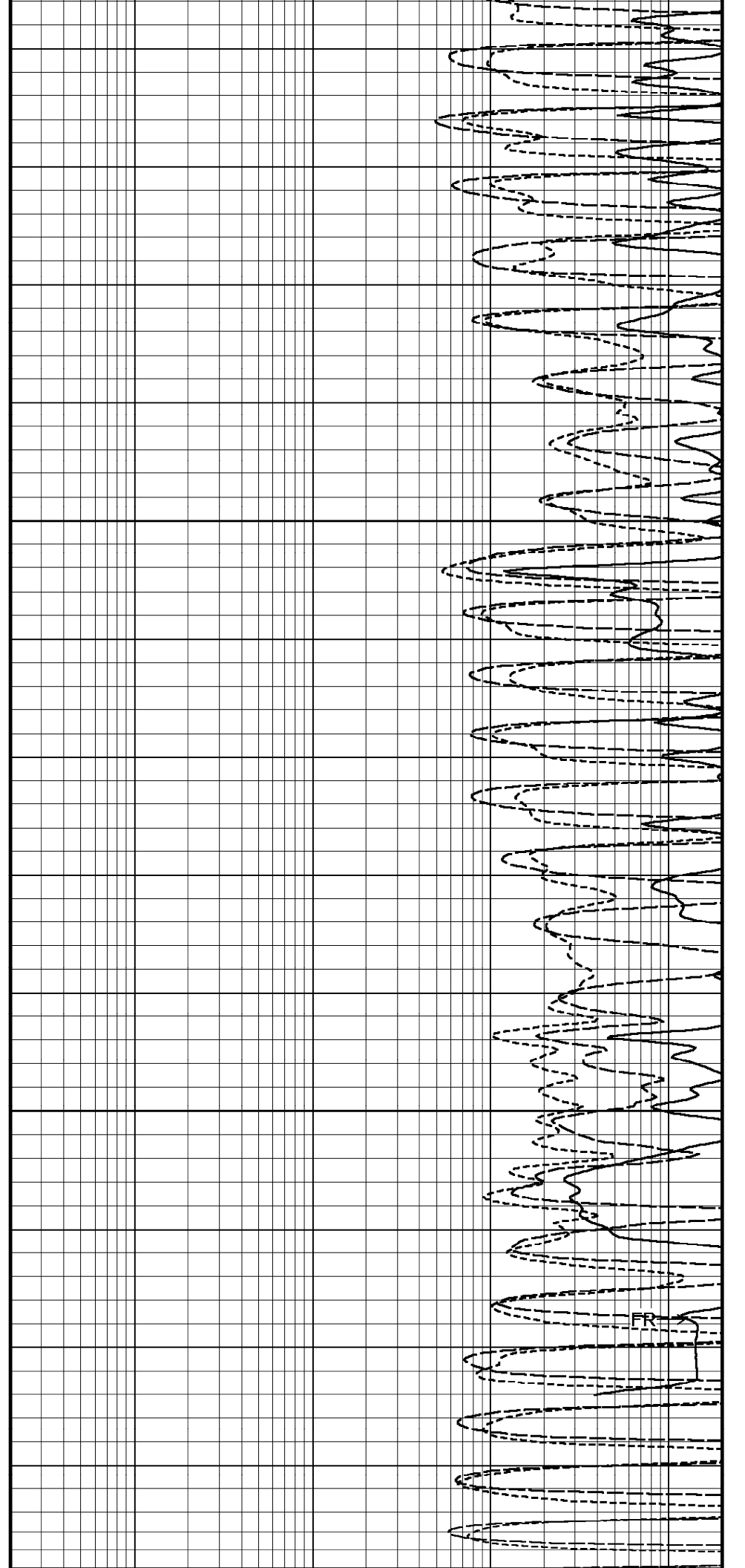
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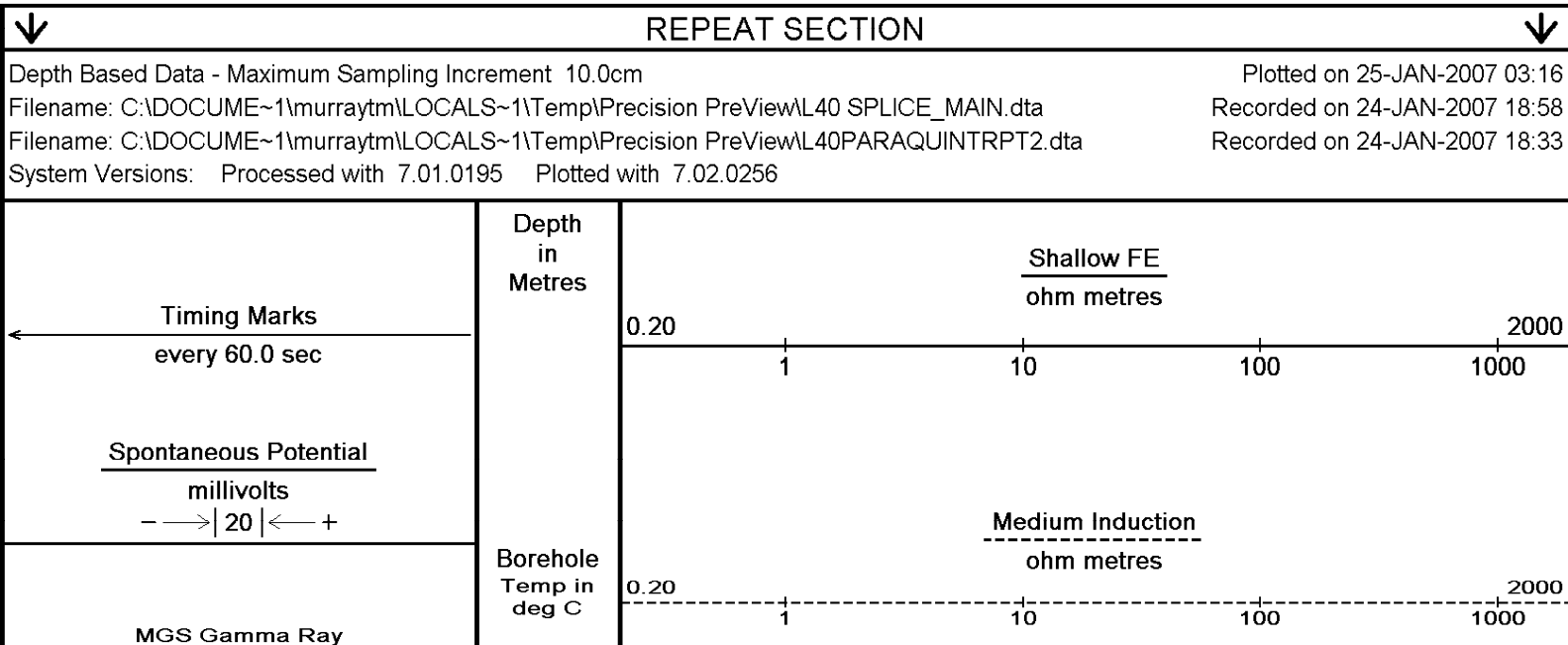
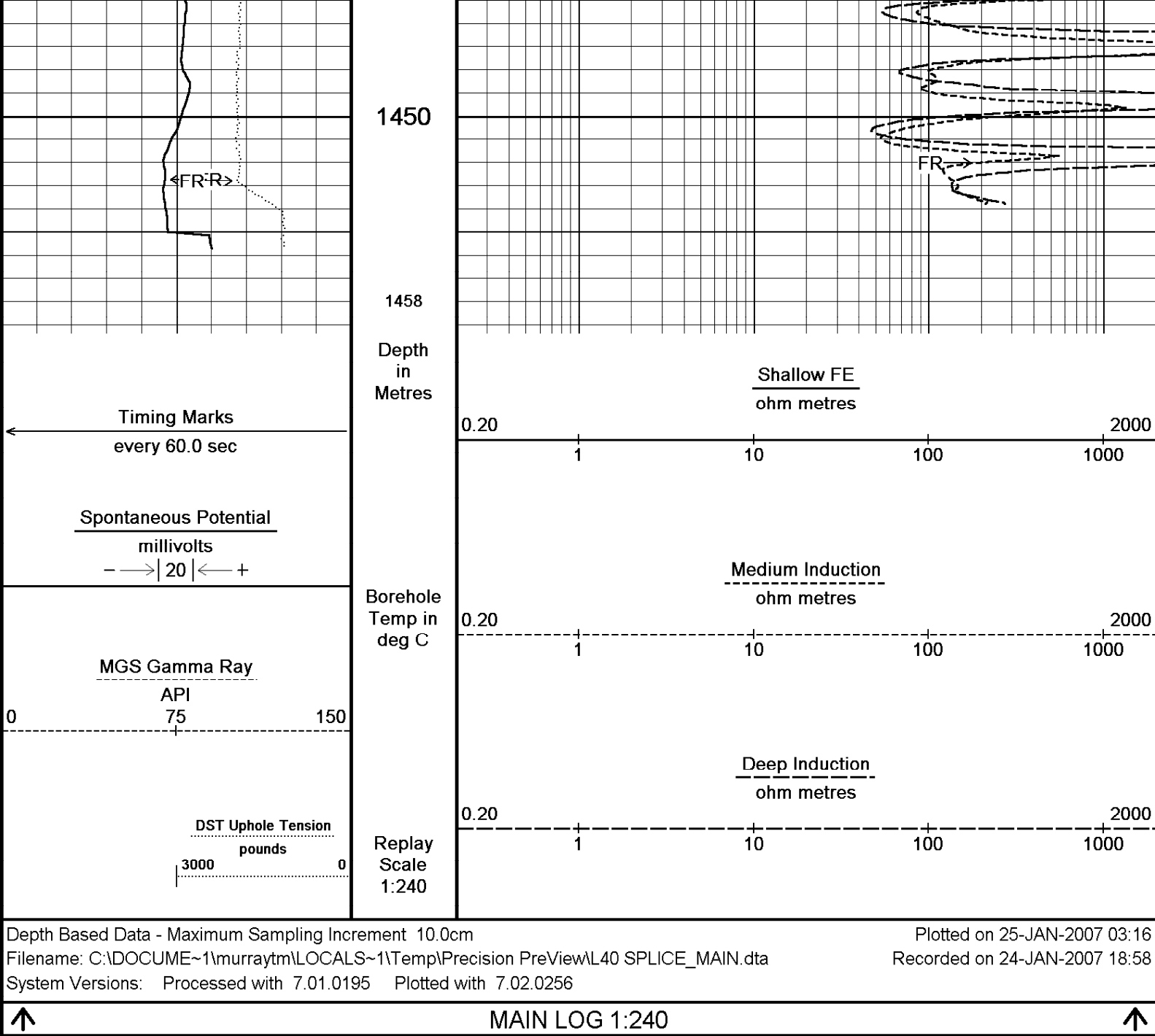
48°

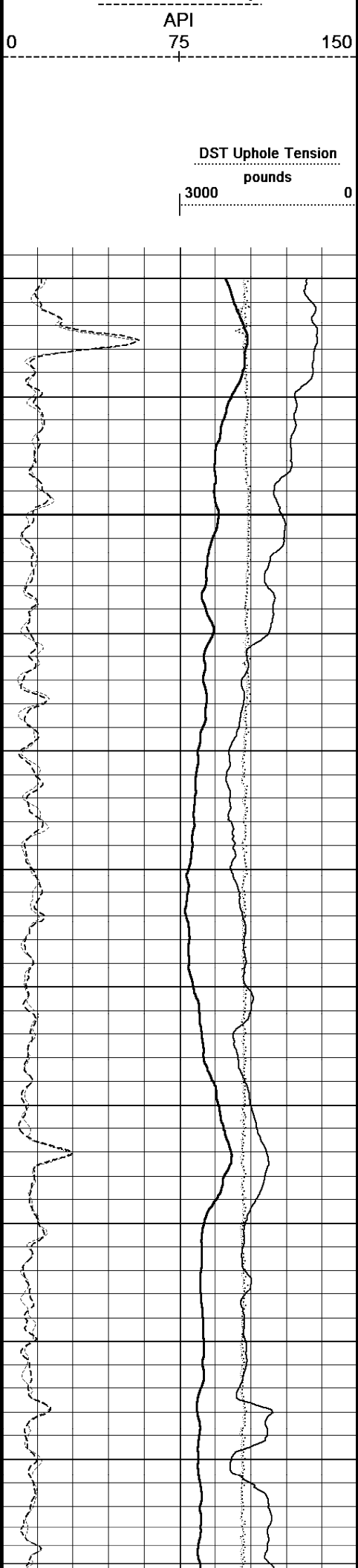
1420

1430

1440







Replay
Scale
1:240

1365

1370

1380

48°

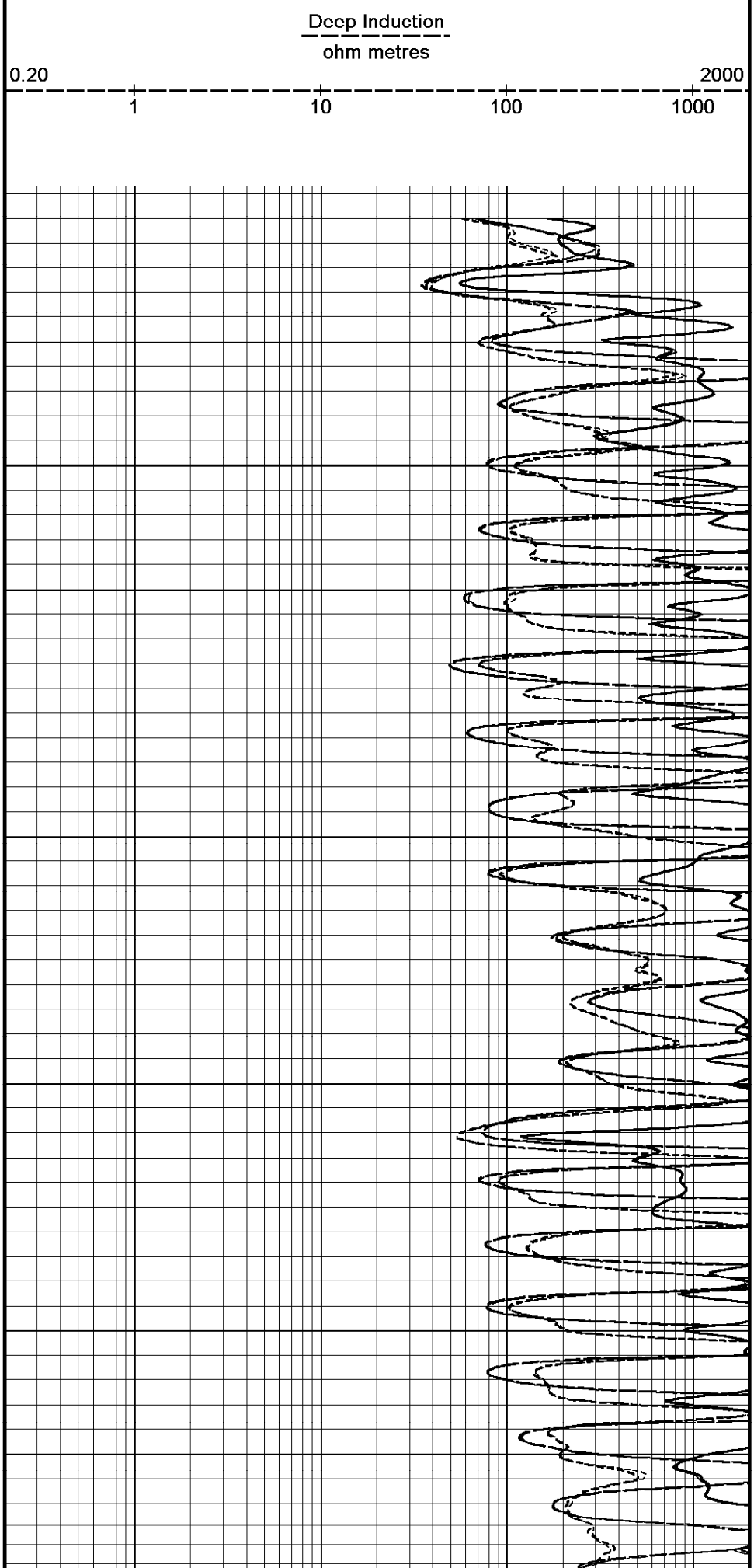
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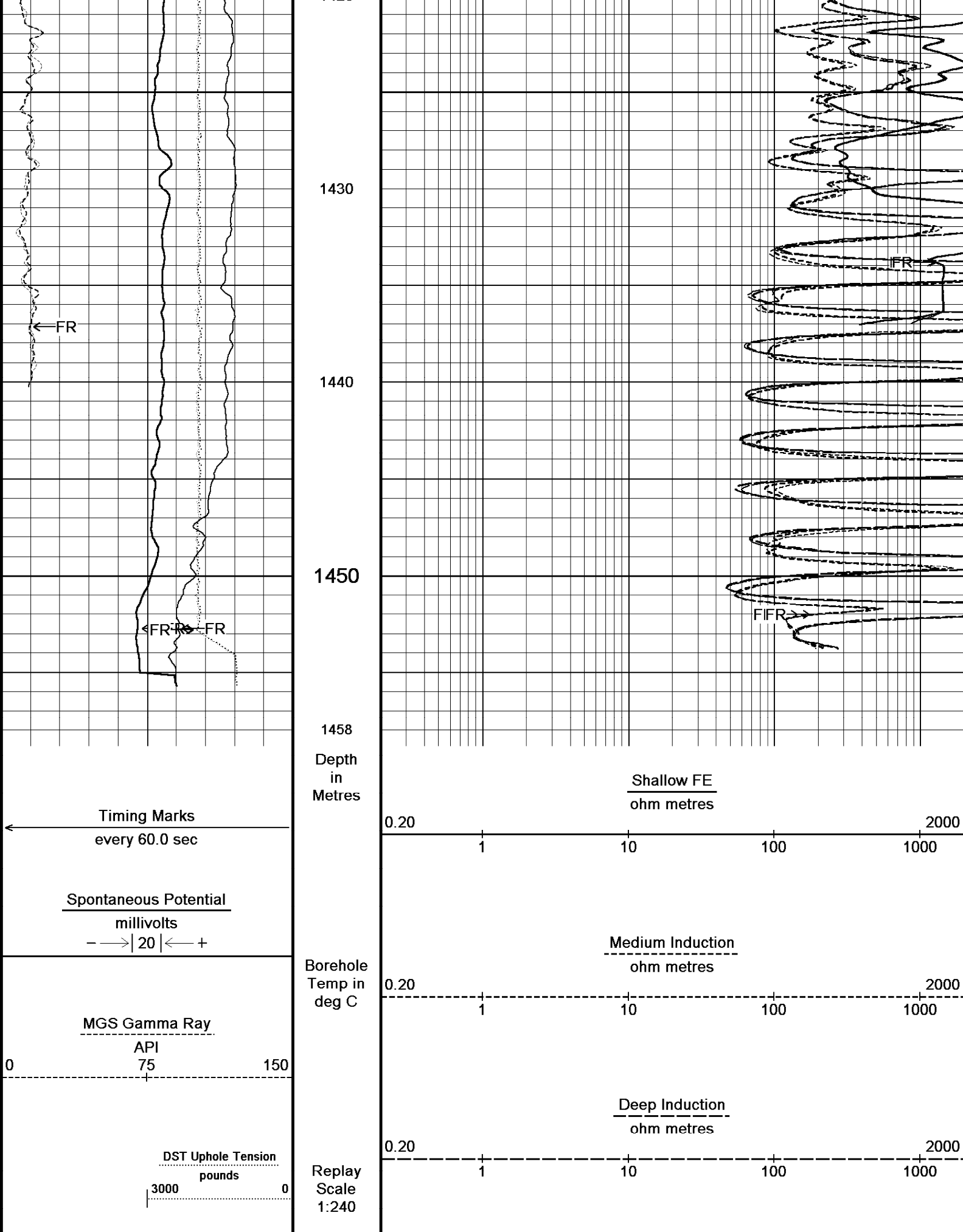
1400

1410

48°

1420







REPEAT SECTION



MAIN LOG 1:120



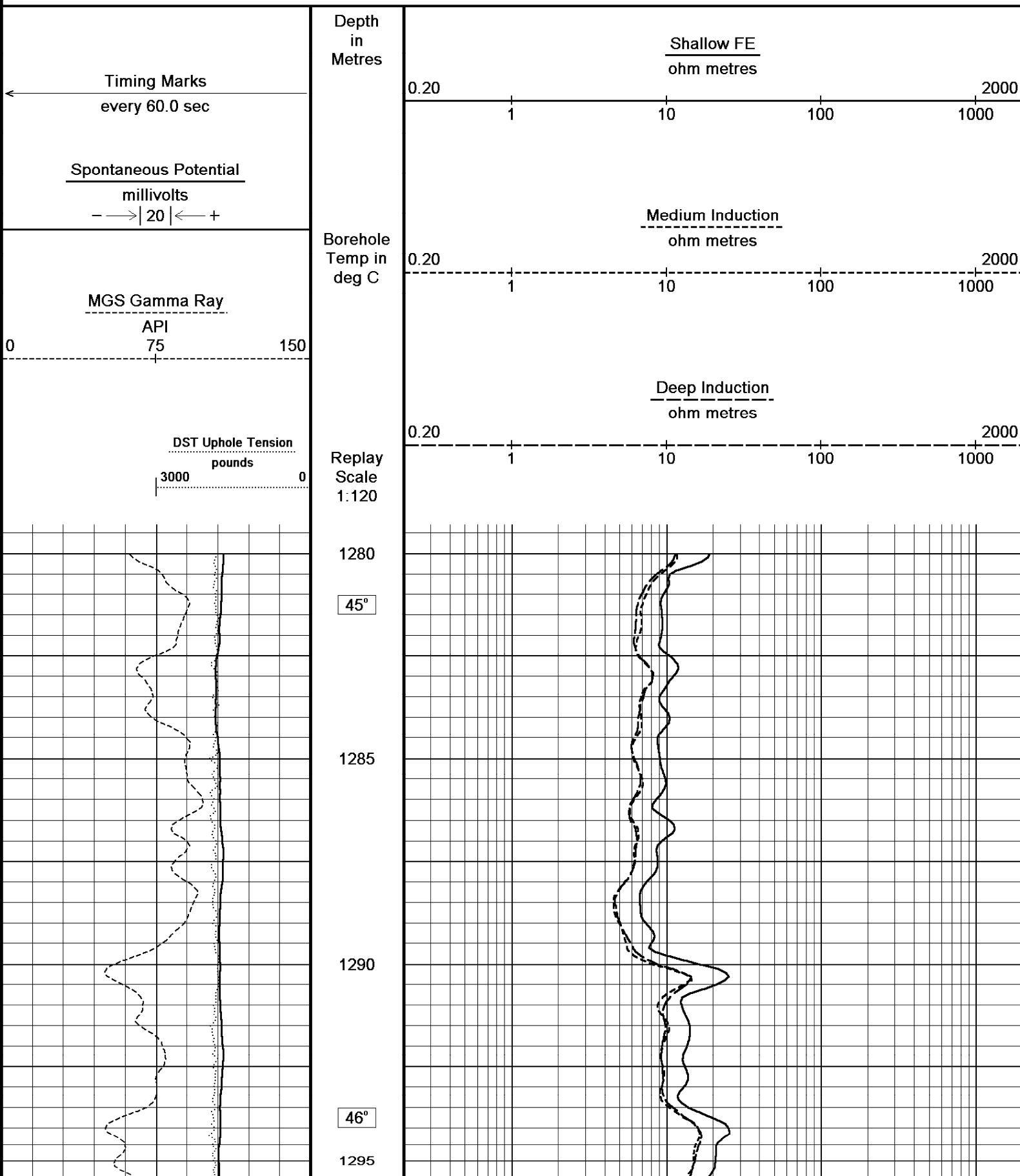
Depth Based Data - Maximum Sampling Increment 10.0cm

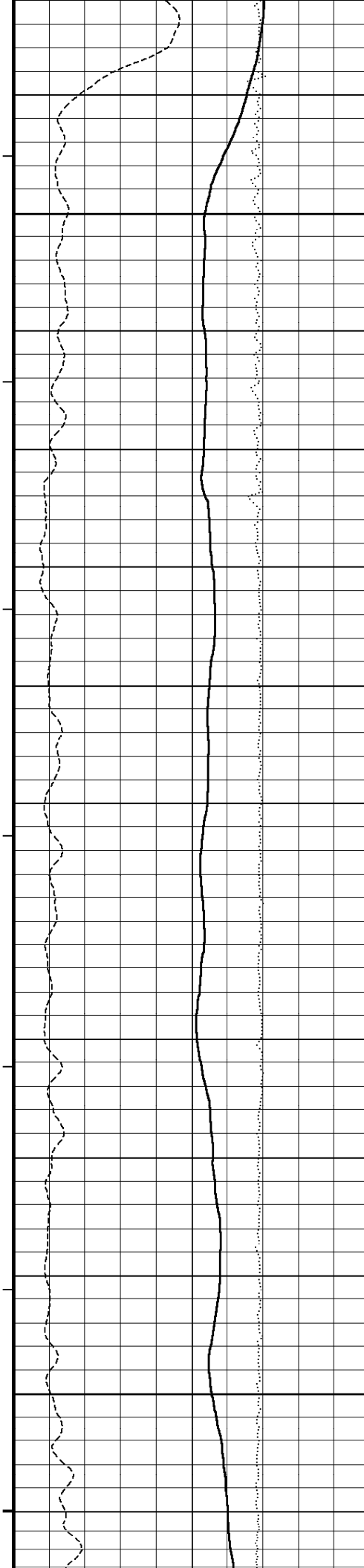
Plotted on 25-JAN-2007 03:16

Filename: C:\DOCUME~1\murraytm\LOCALS~1\Temp\Precision PreView\40 SPLICE_MAIN.dta

Recorded on 24-JAN-2007 18:58

System Versions: Processed with 7.01.0195 Plotted with 7.02.0256





1300

1305

46°

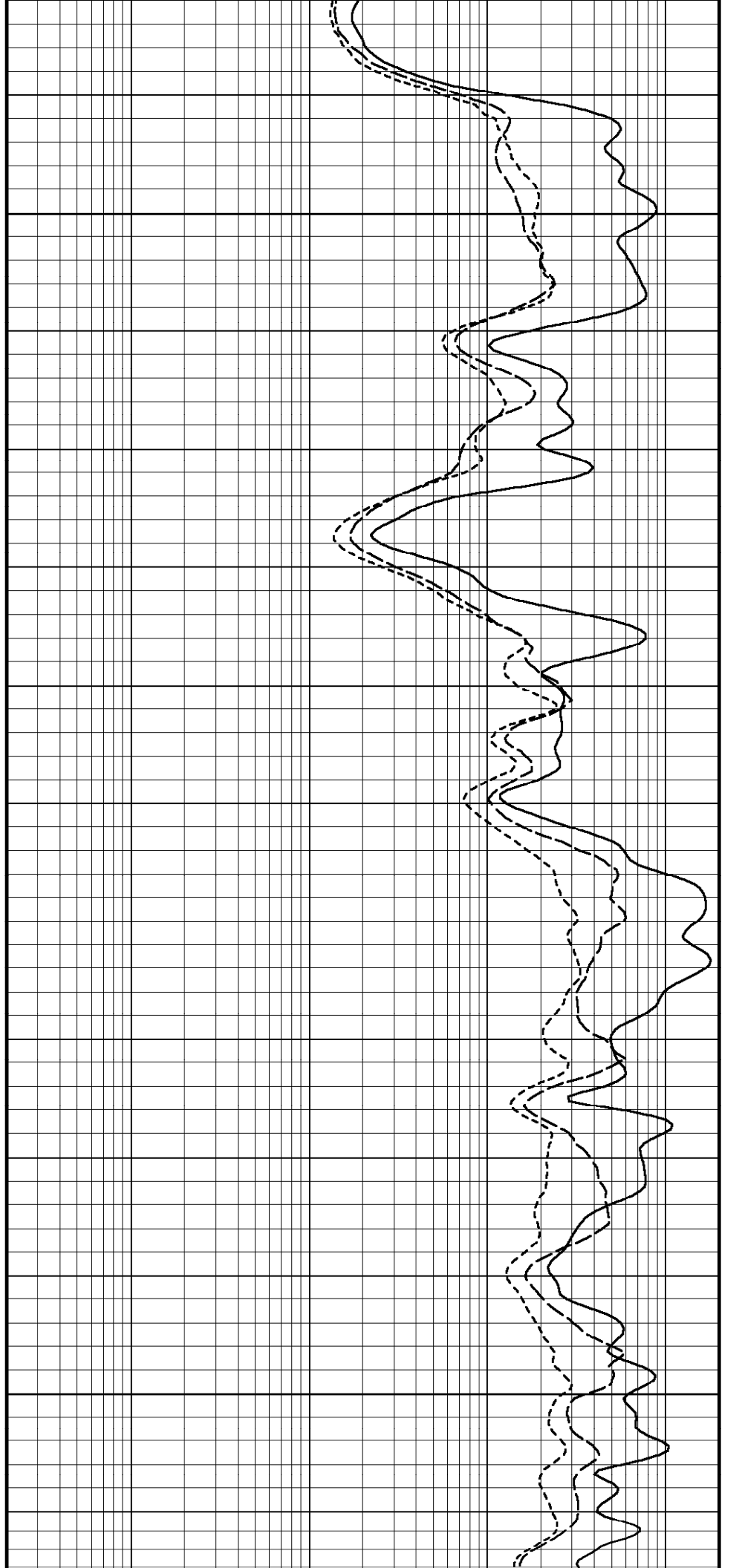
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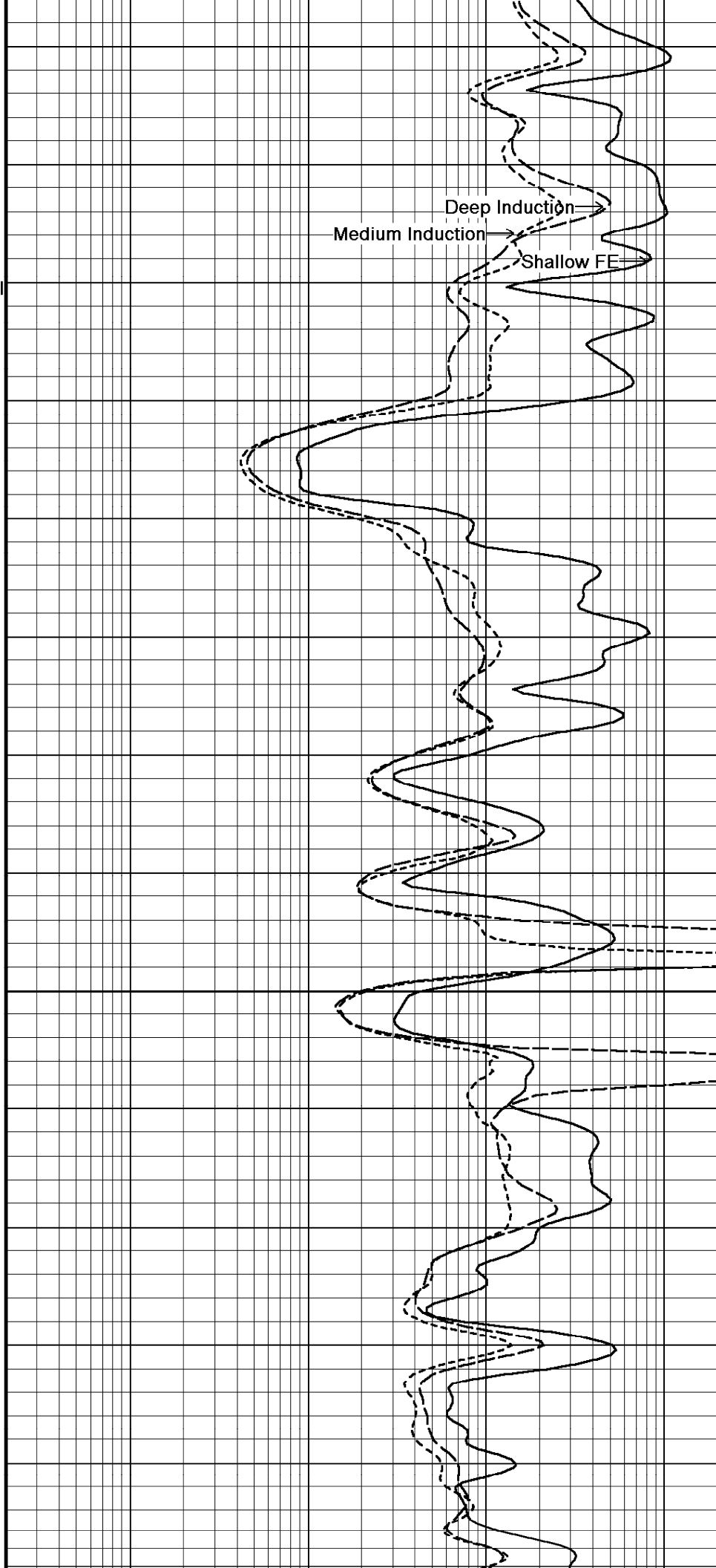
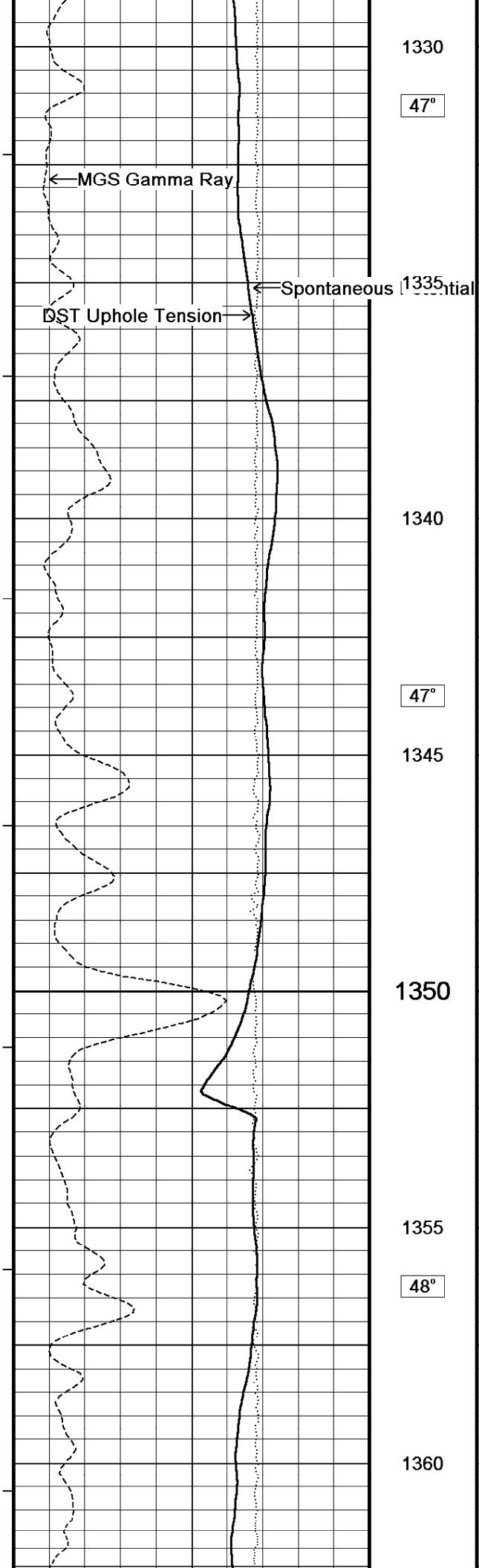
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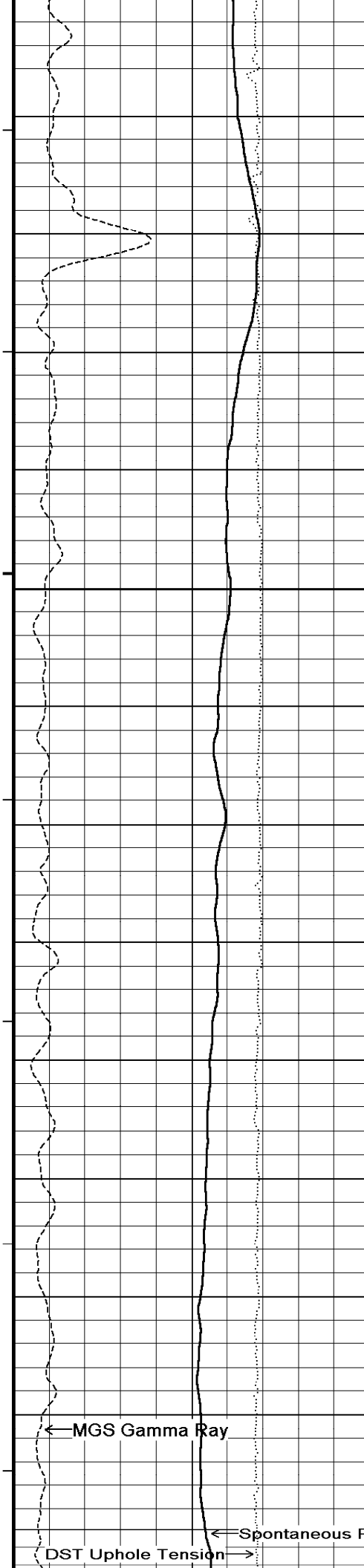
46°

1320

1325







1365

48°

1370

1375

1380

48°

1385

1390

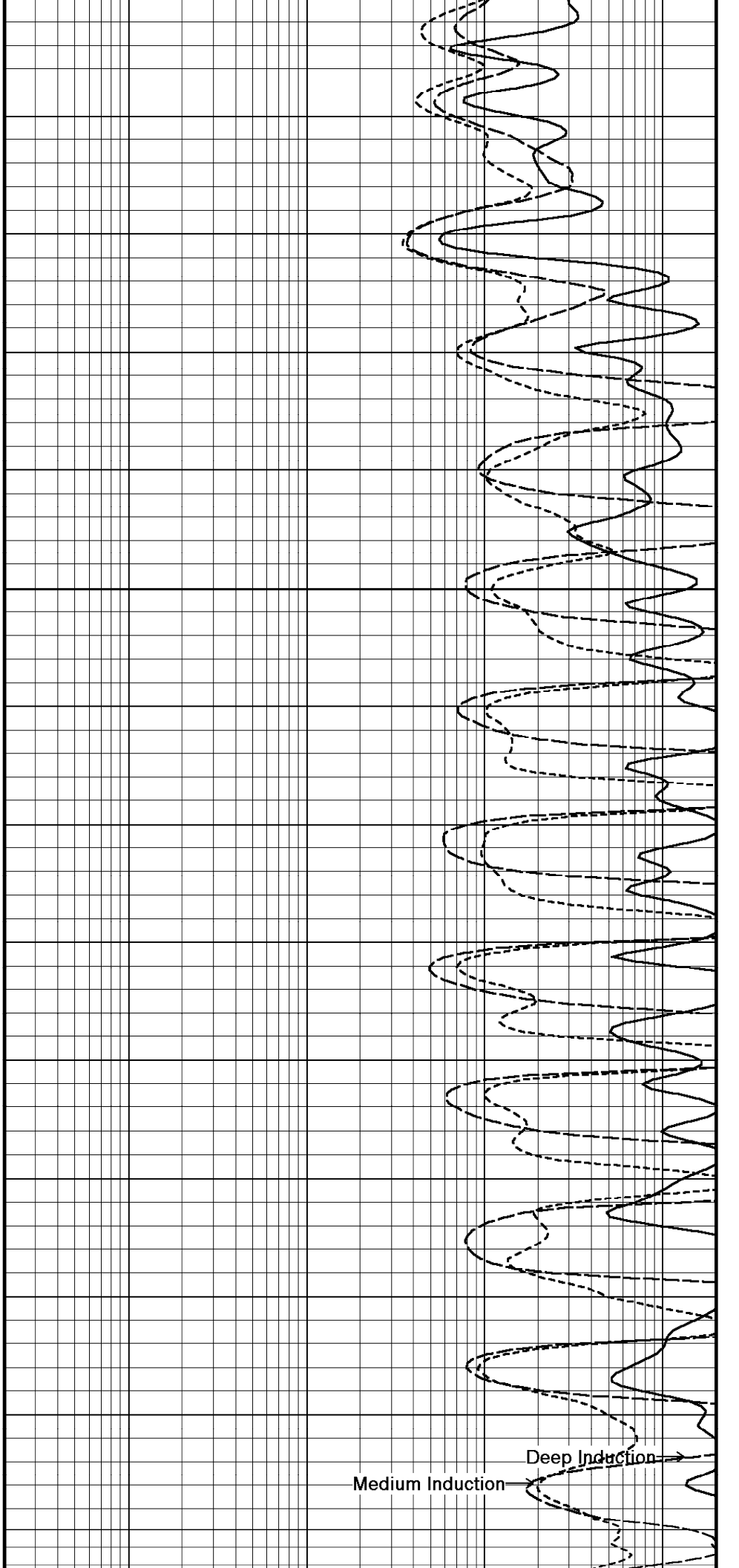
48°

1395

← MGS Gamma Ray

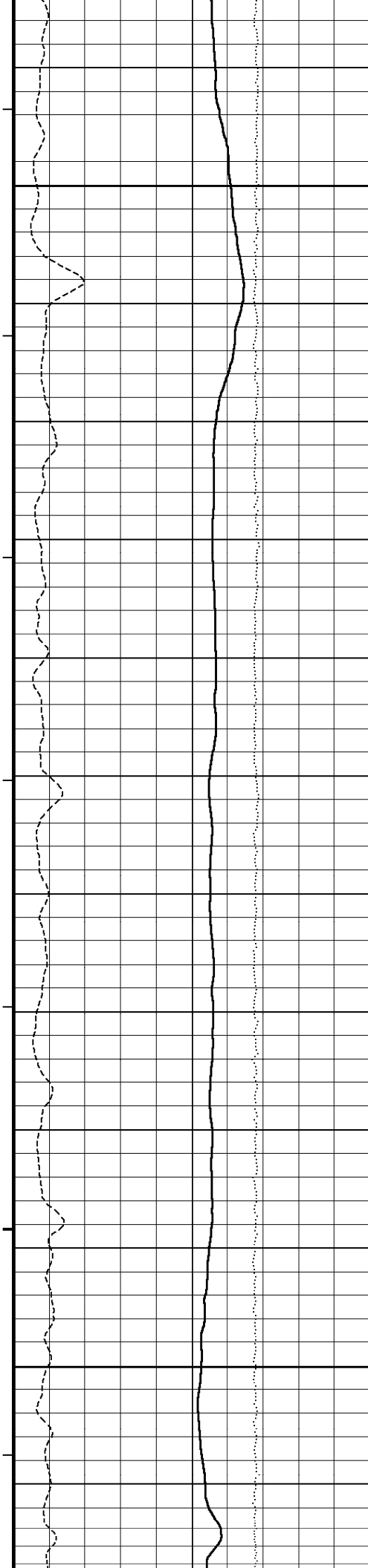
← Spontaneous Poter

DST Uphole Tension →



Medium Induction →

Deep Induction →



1400

1405

48°

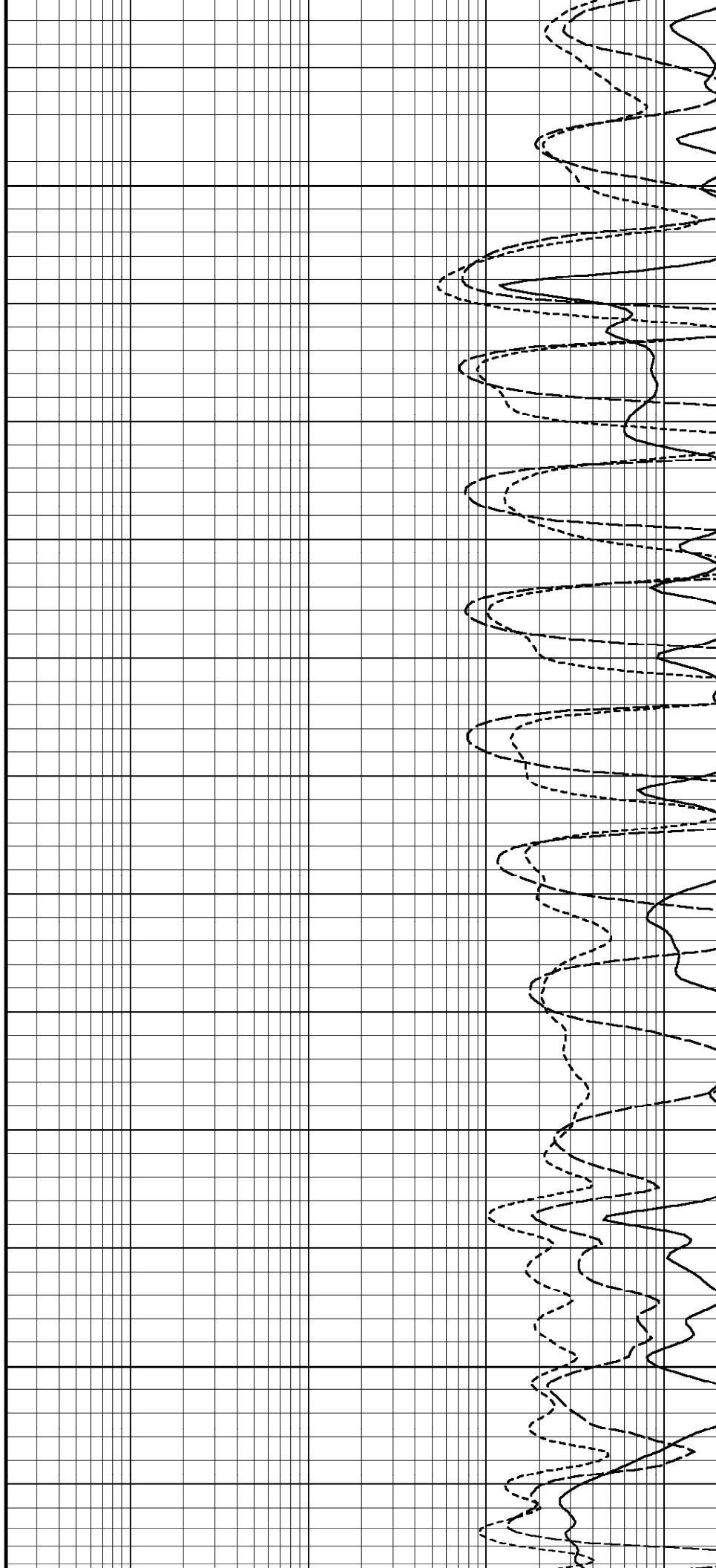
1410

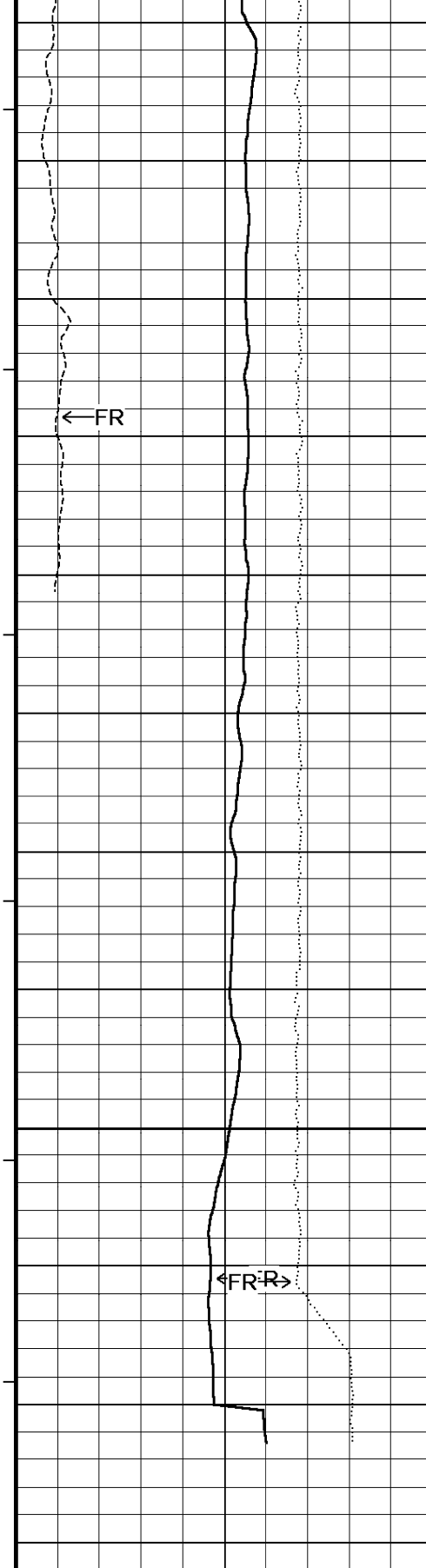
1415

48°

1420

1425





1430
48°

1435

1440

1445

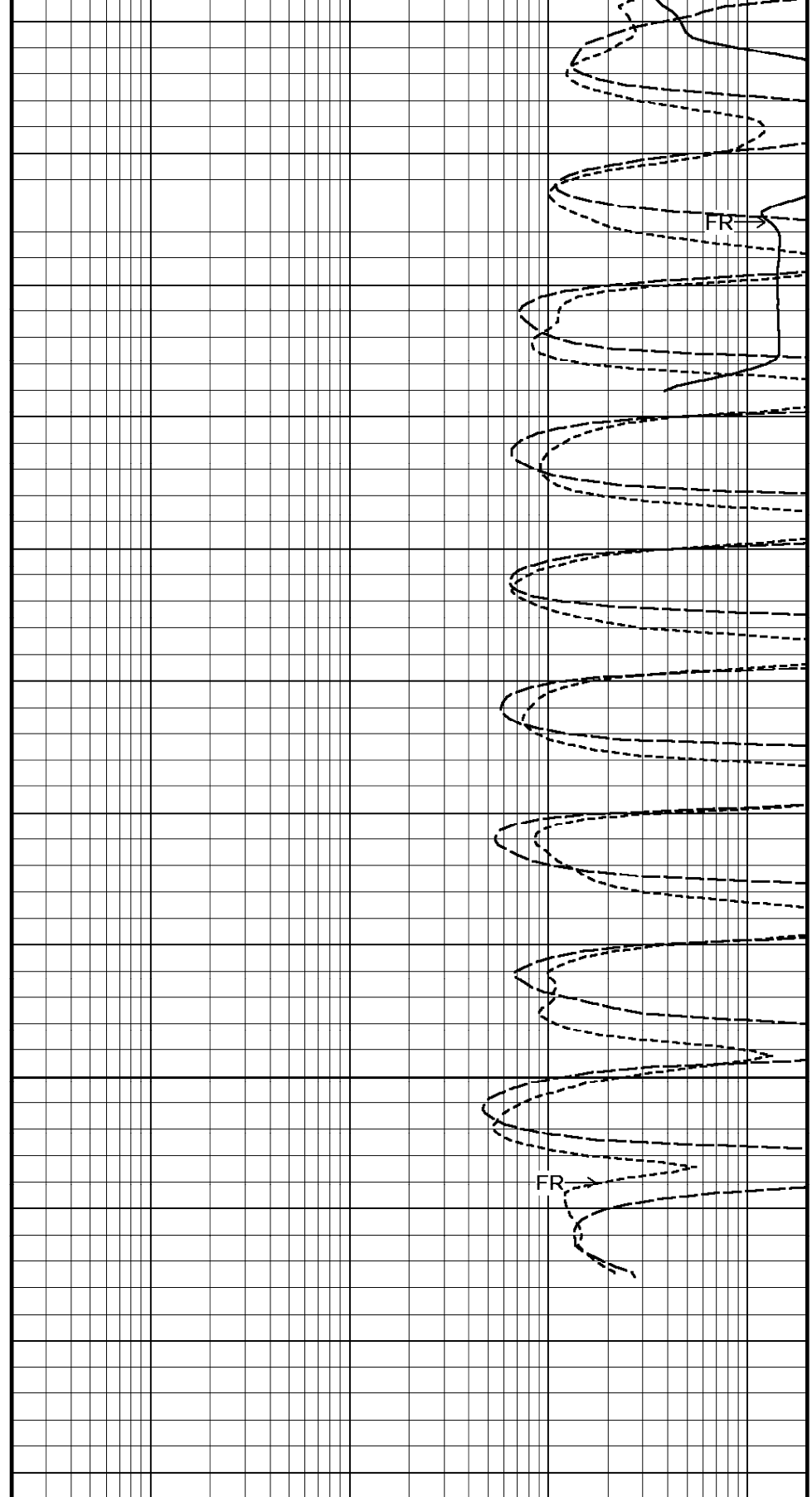
1450

1455

Depth
in
Metres

Timing Marks
every 60.0 sec

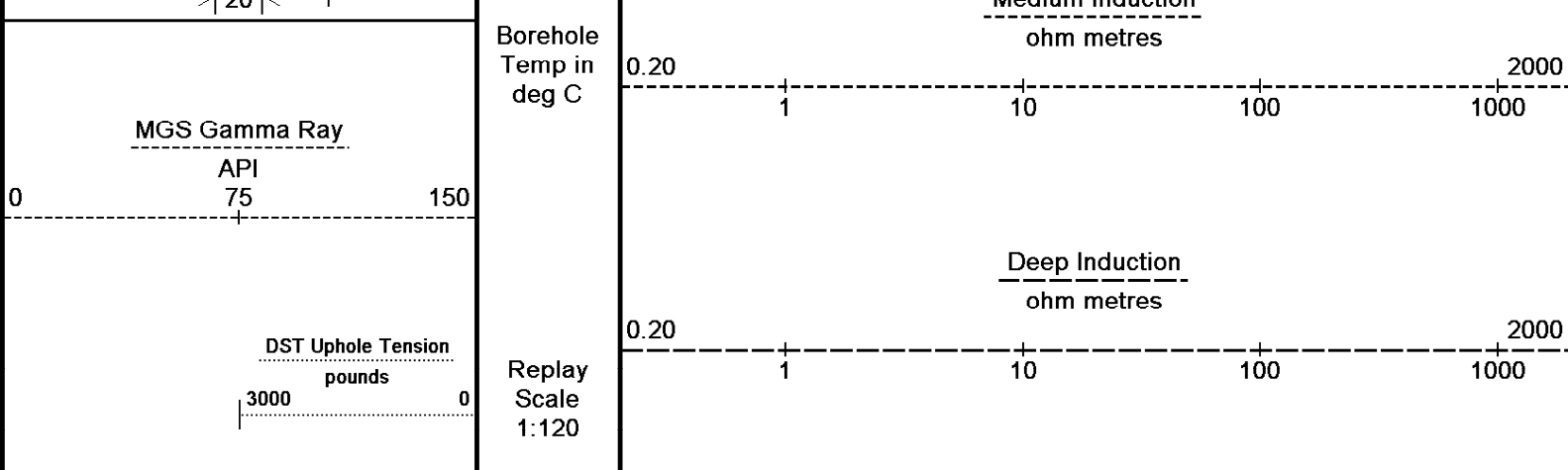
Spontaneous Potential
millivolts



Shallow FE
ohm metres

0.20 1 10 100 1000 2000

Medium Induction



Depth Based Data - Maximum Sampling Increment 10.0cm

Plotted on 25-JAN-2007 03:16

Filename: C:\DOCUME~1\murraytm\LOCALS~1\Temp\Precision PreView\L40 SPLICE_MAIN.dta

Recorded on 24-JAN-2007 18:58

System Versions: Processed with 7.01.0195 Plotted with 7.02.0256

↑

MAIN LOG 1:120

↑

↓

MAIN LOG 1:240 SALTY MODEL

↓

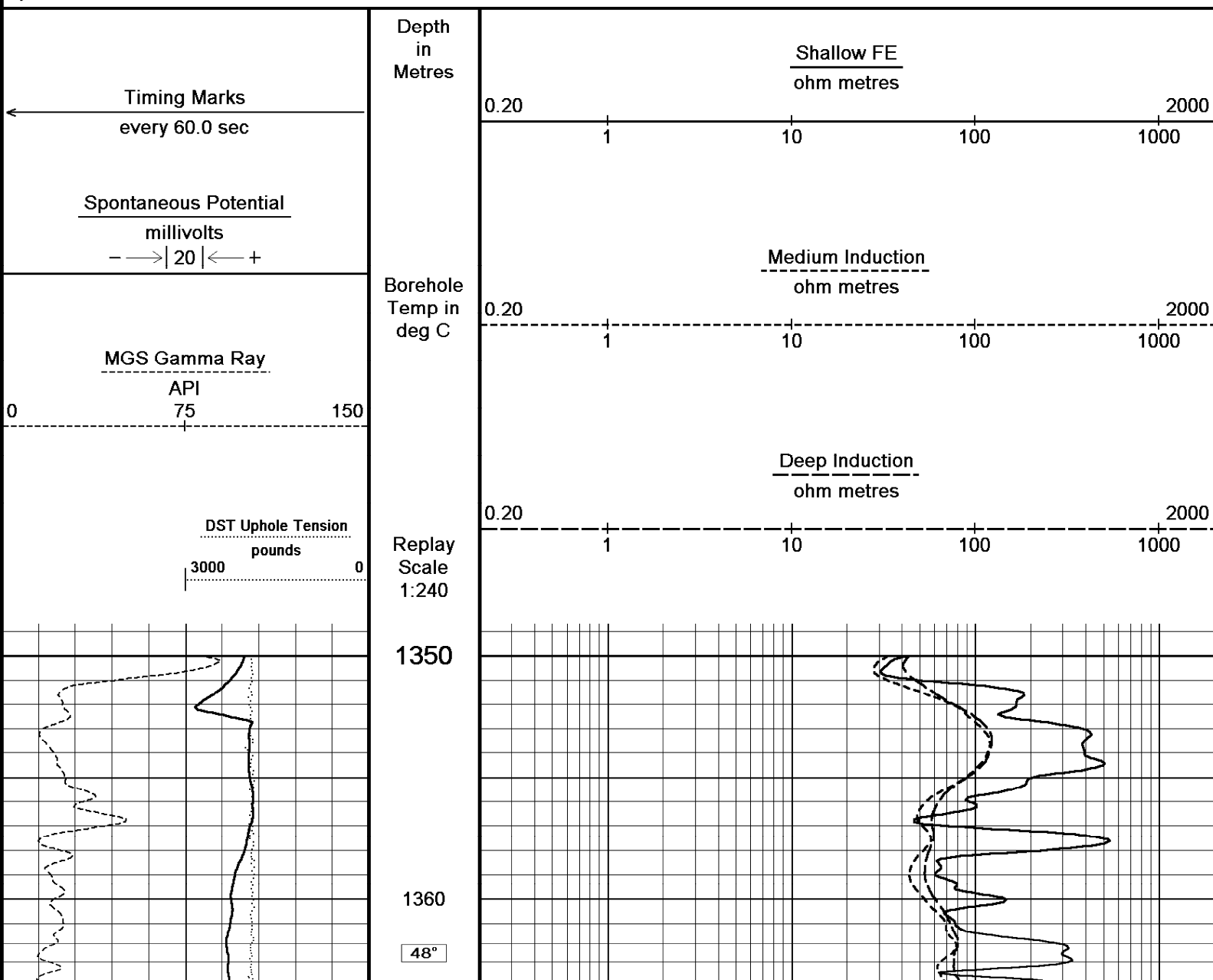
Depth Based Data - Maximum Sampling Increment 10.0cm

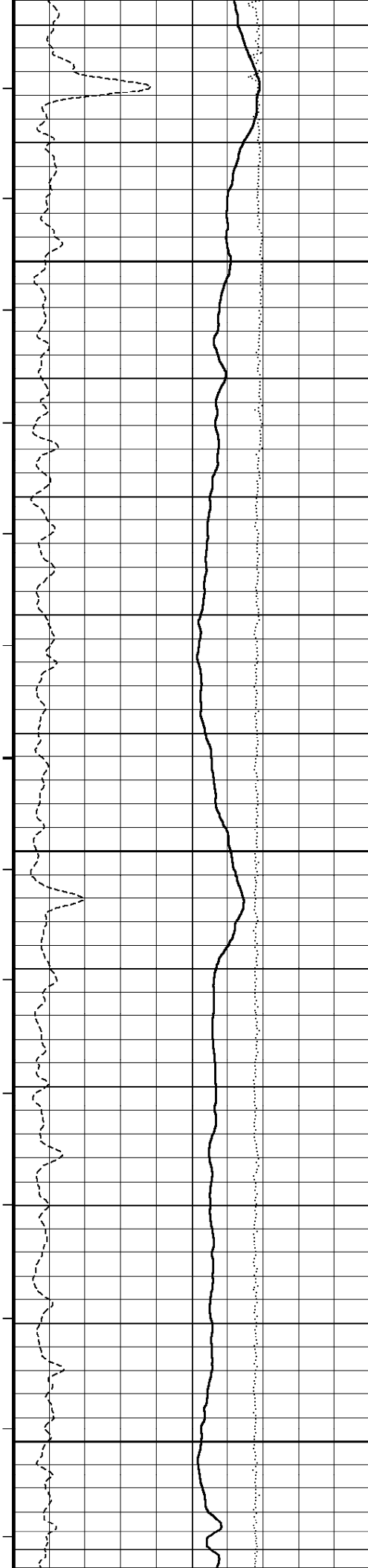
Plotted on 25-JAN-2007 03:16

Filename: C:\DOCUME~1\murraytm\LOCALS~1\Temp\Precision PreV...L40 SPLICE_MAIN_SALTY.dta

Recorded on 24-JAN-2007 18:58

System Versions: Processed with 7.01.0195 Plotted with 7.02.0256





1370

1380

48°

1390

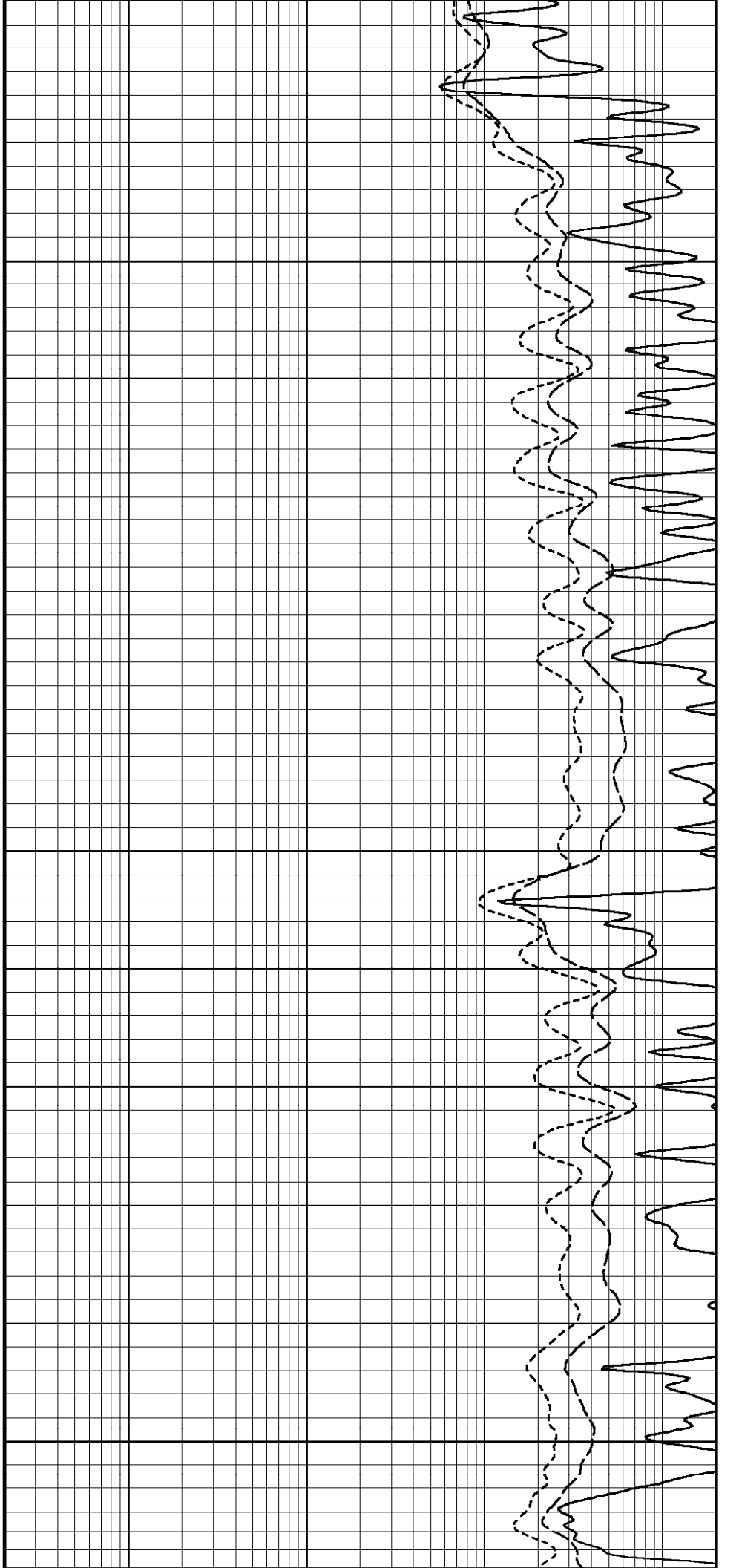
1400

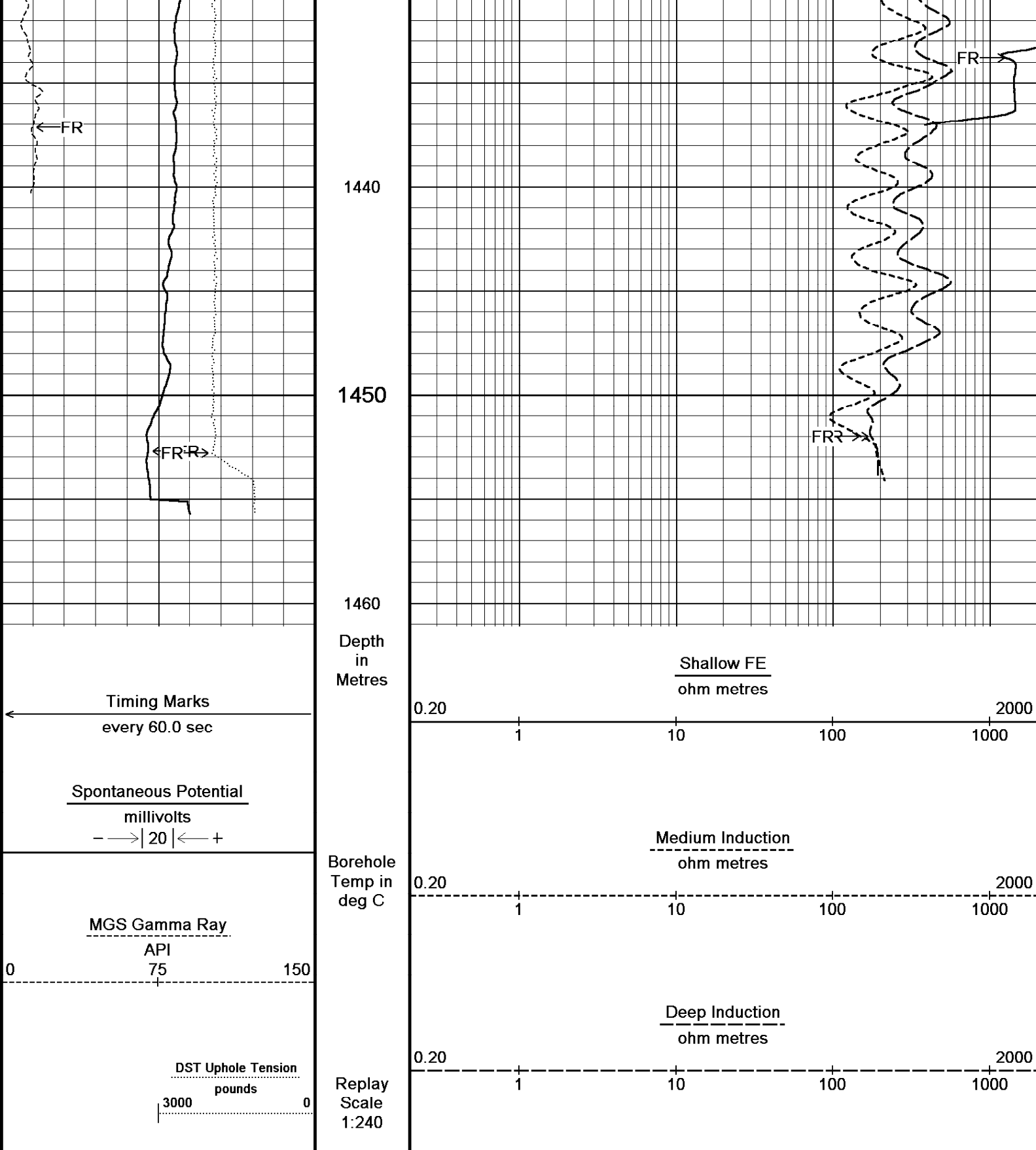
1410

48°

1420

1430



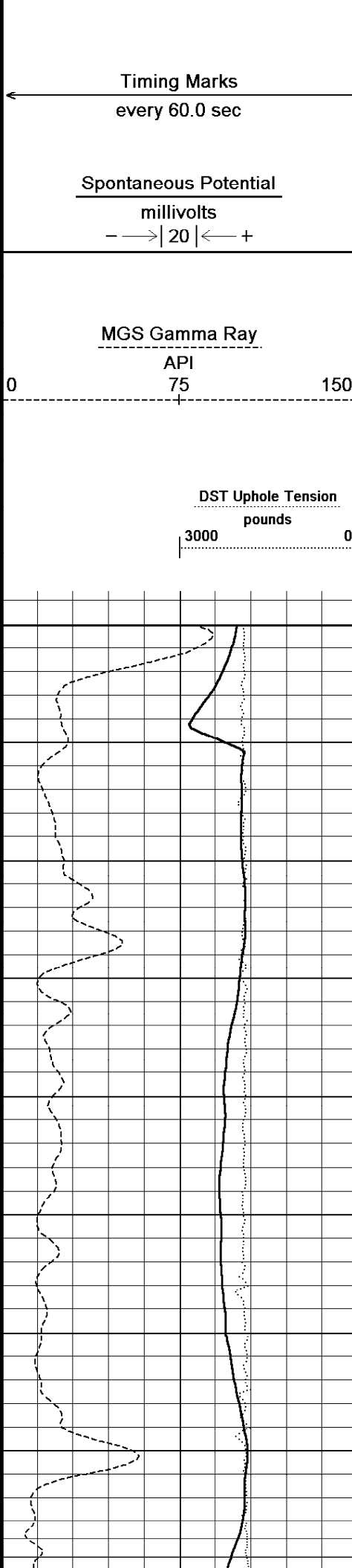


Depth Based Data - Maximum Sampling Increment 10.0cm
Filename: C:\DOCUME~1\murraytm\LOCALS~1\Temp\Precision PreV...L40 SPLICE_MAIN_SALTY.dta
System Versions: Processed with 7.01.0195 Plotted with 7.02.0256

MAIN LOG 1:240 SALTY MODEL

MAIN LOG 1:120 SALTY MODEL

Depth Based Data - Maximum Sampling Increment 10.0cm
Filename: C:\DOCUME~1\murraytm\LOCALS~1\Temp\Precision PreV...L40 SPLICE_MAIN_SALTY.dta
System Versions: Processed with 7.01.0195 Plotted with 7.02.0256



Depth
in
Metres

Borehole
Temp in
deg C

Replay
Scale
1:120

1350

48°

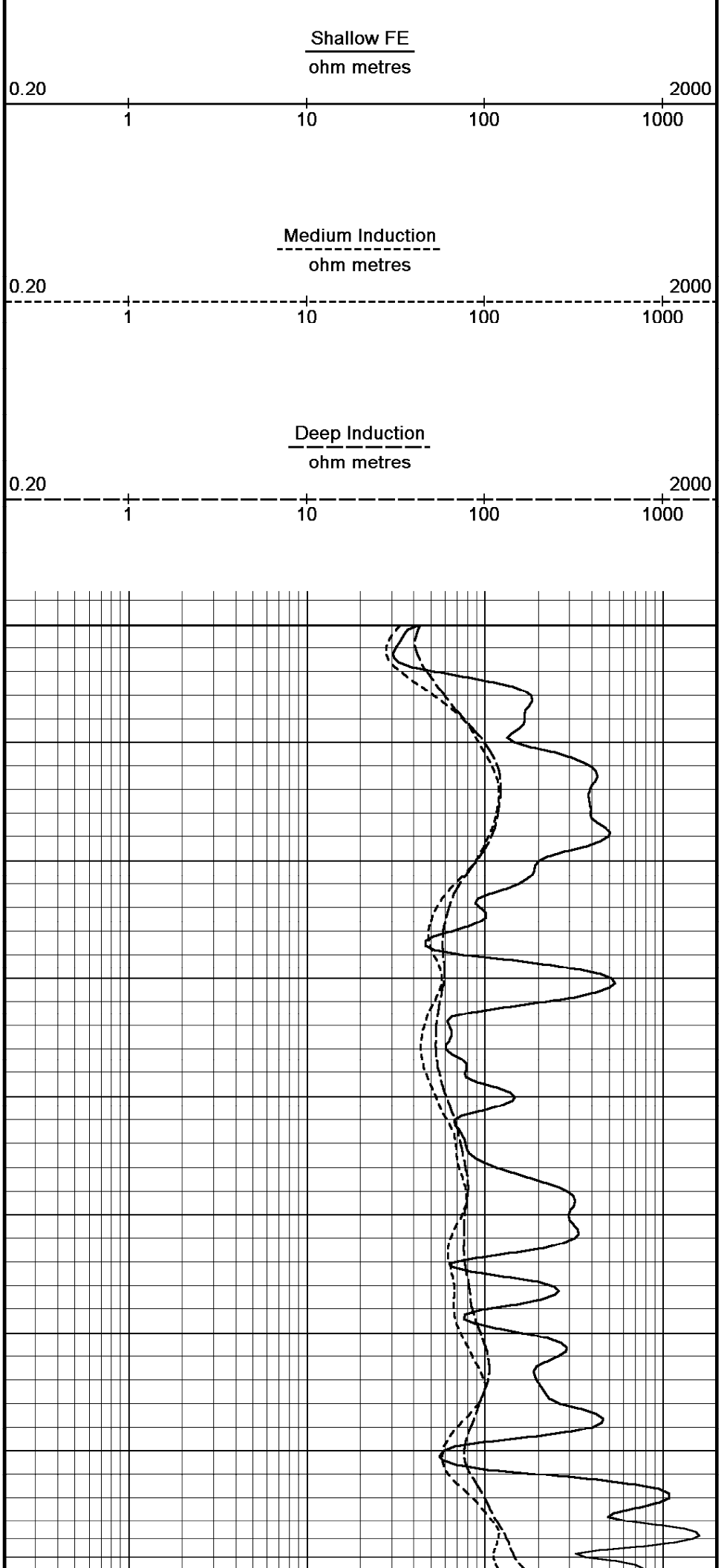
1355

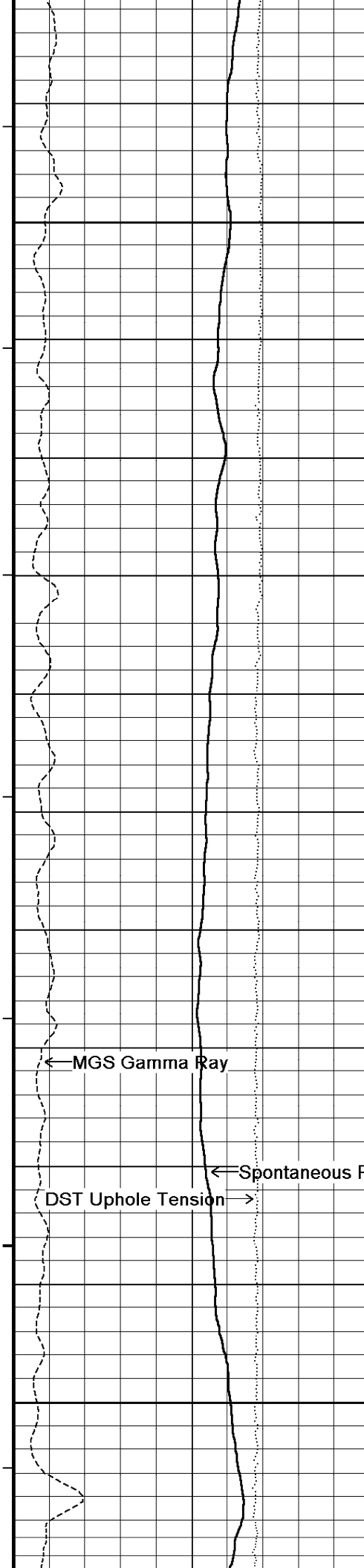
1360

1365

48°

1370





1375

1380

48°

1385

1390

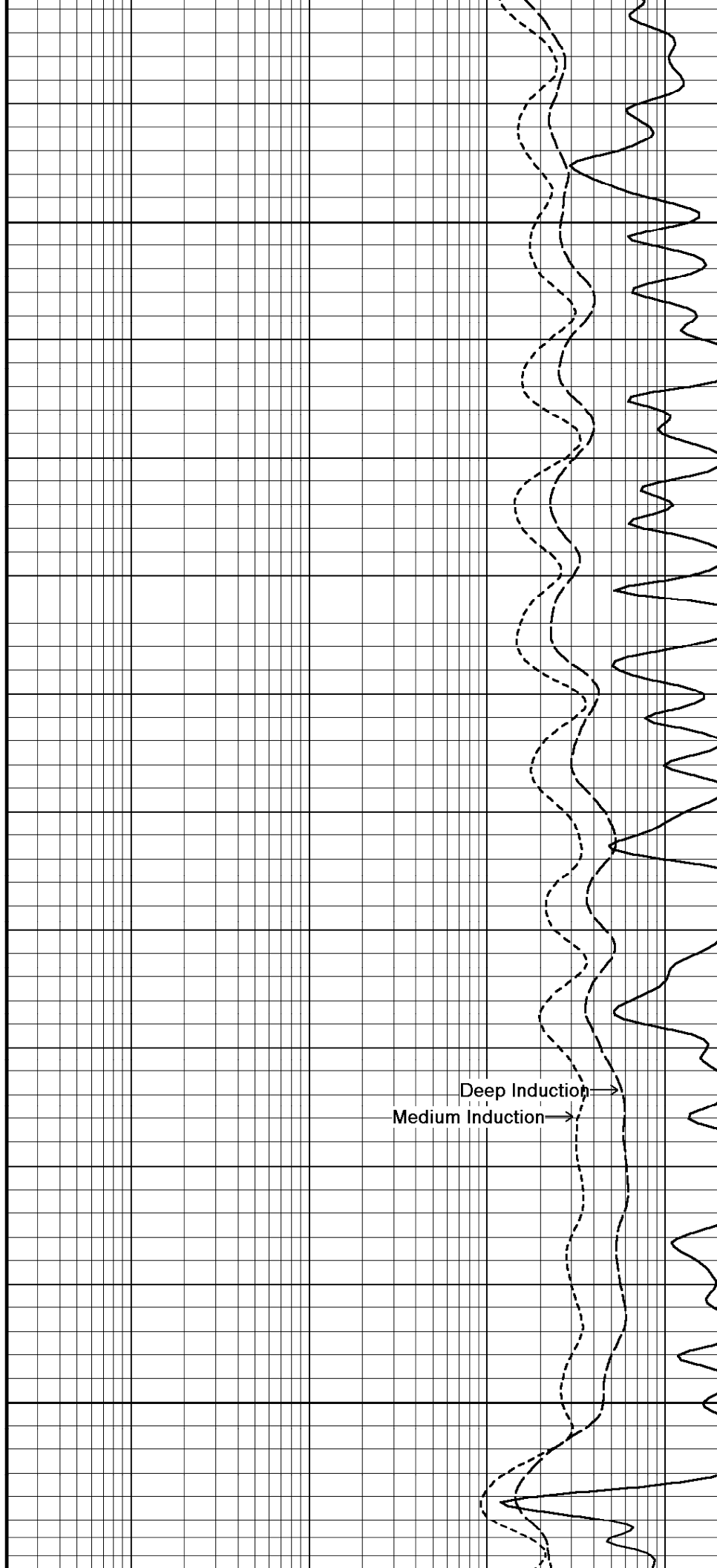
← MGS Gamma Ray

48°

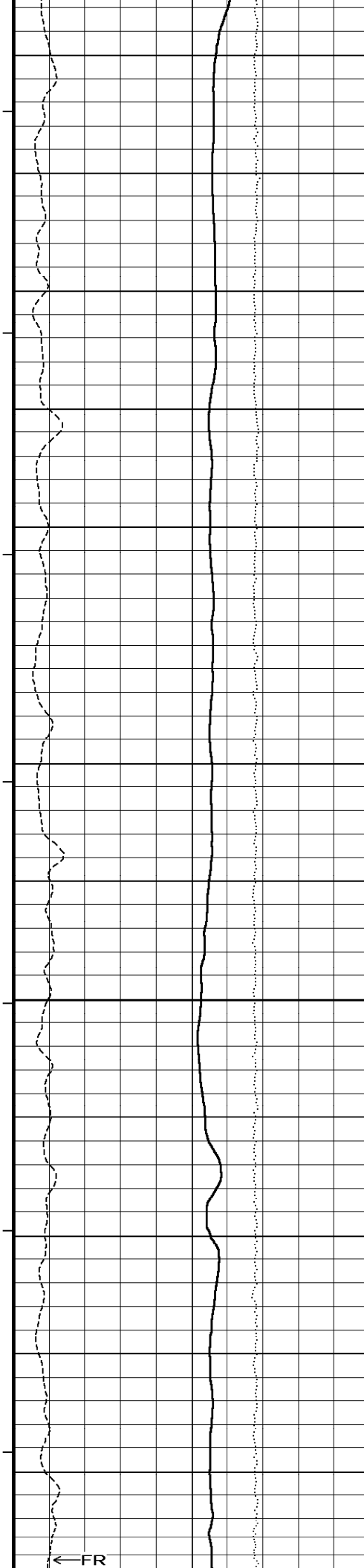
← Spontaneous Poter

DST Uphole Tension →

1400



Deep Induction →
Medium Induction →



1405

48°

1410

1415

48°

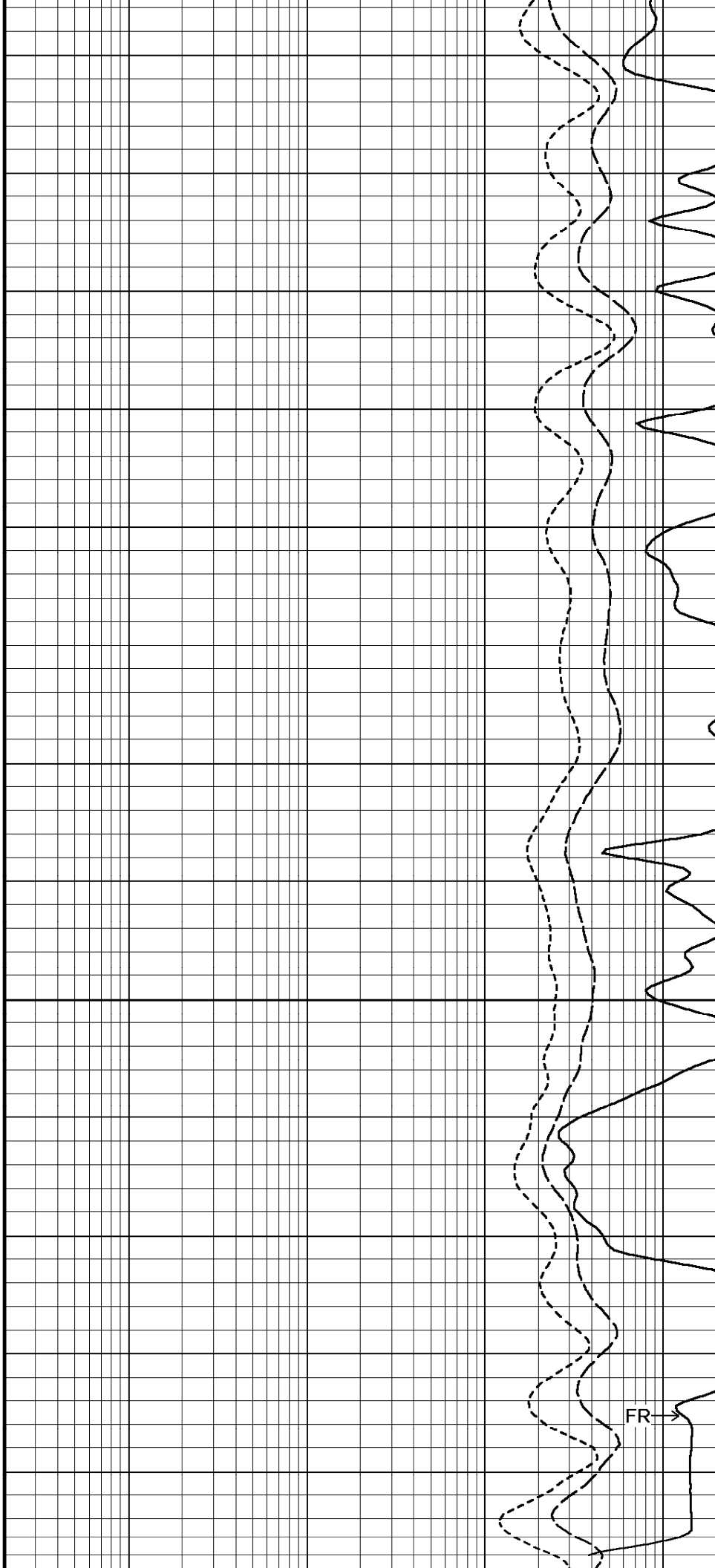
1420

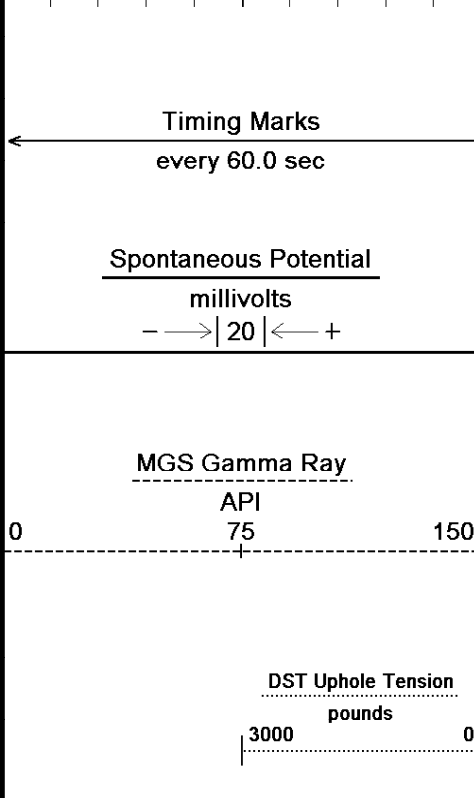
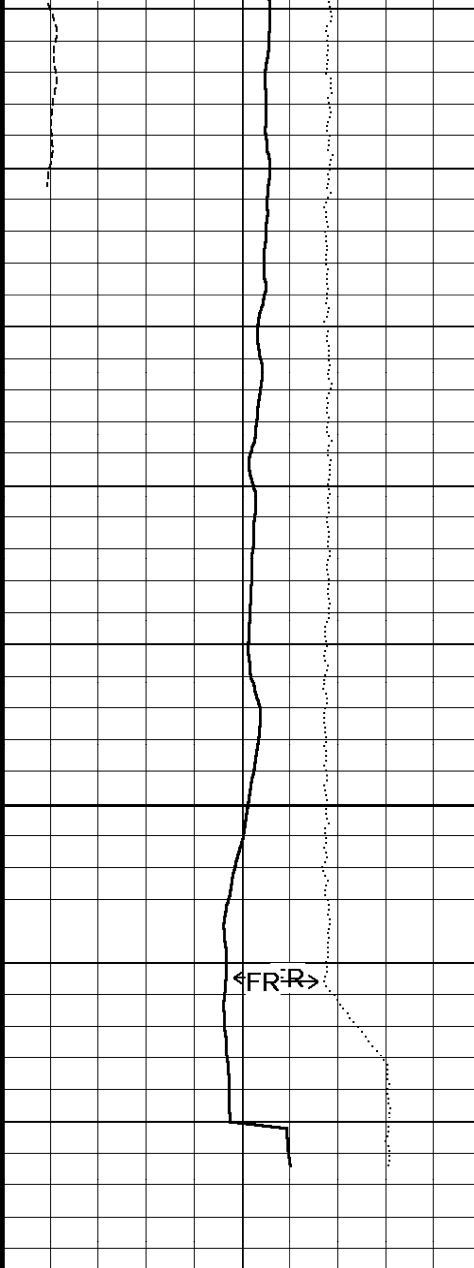
1425

1430

48°

1435





1440

1445

1450

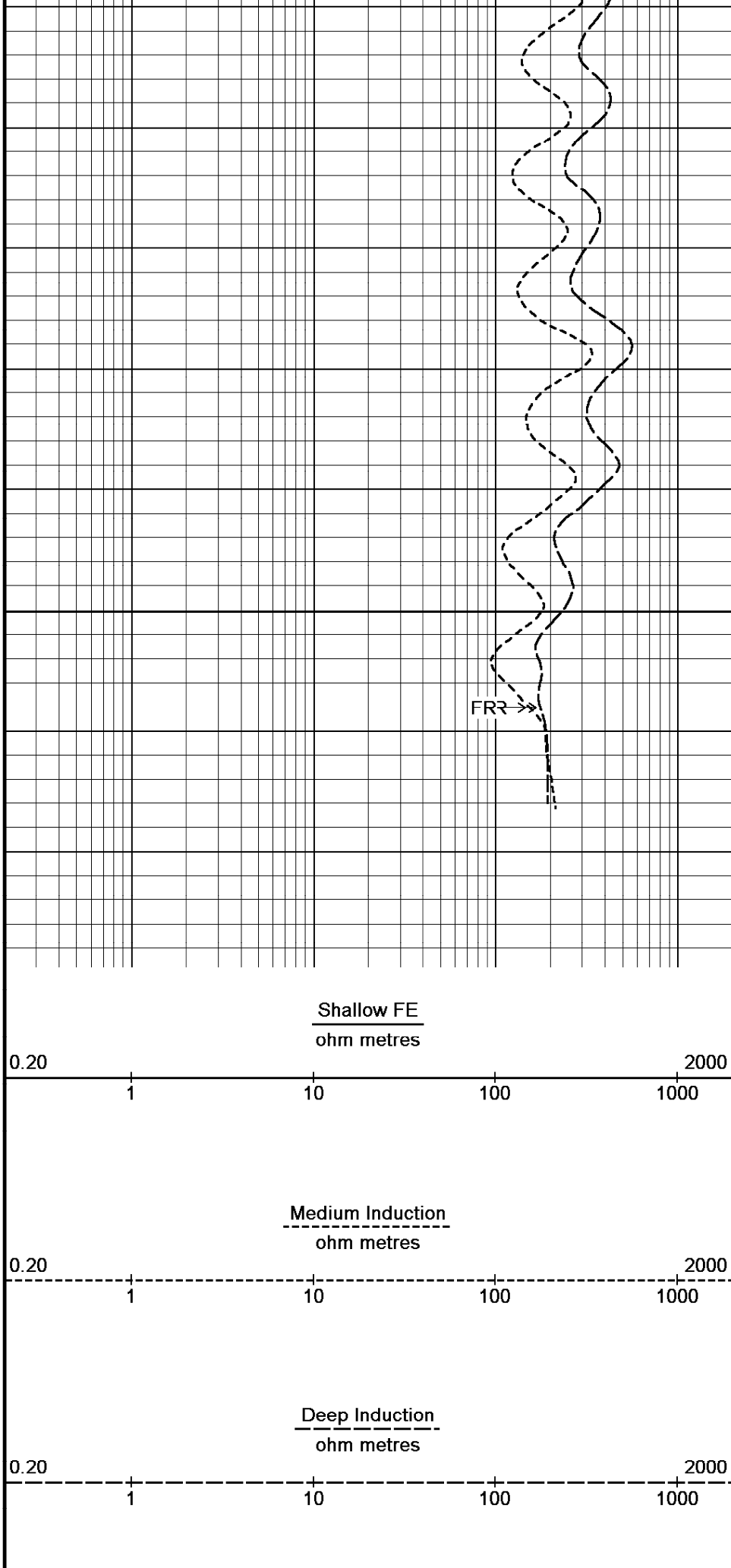
1455

1457

Depth in Metres

Borehole Temp in deg C

Replay Scale 1:120



BEFORE SURVEY CALIBRATION
C:\DOCUME~1\murraytm\LOCALS~1\Temp\Precision PreView\L40PARAQUINTRPT2.dta

General Constants All 000			Last Edited on 23-JAN-2007,22:35
General Parameters			
Mud Resistivity	0.600	ohm-metres	
Mud Resistivity Temperature	25.000	degrees C	
Water Level	0.000	metres	
Density/Neutron Processing	Wet Hole		
Hole/Annular Volume and Differential Caliper Parameters			
HVOL Caliper 1	Density Caliper		
HVOL Caliper 2	Y Two Arm Caliper		
Annular Volume Diameter	139.700	mm	
Caliper for Differential Caliper	Density Caliper		
Rwa Parameters			
Porosity used	Base Density Porosity		
Resistivity used	Deep Induction		
RWA Constant A	0.610		
RWA Constant M	2.150		

Gamma Calibration MCG 131		Field Calibration on 8-JAN-2007,20:07	
	Measured	Calibrated (API)	
Background	46	30	
Calibrator (Gross)	1264	824	
Calibrator (Net)	1219	794	

Gamma Constants MCG 131		Last Edited on 24-JAN-2007,19:31	
Gamma Calibrator Number	GRC 095		
Mud Density	1110.00	kg/m3	
Caliper Source for Processing	Density Caliper		
Tool Position	Centred		
Concentration of KCl	0.00	kppm	

SP Calibration MCG 131		Field Calibration on 18-JAN-2007 08:47	
	Measured	Calibrated (mV)	
Reference 1	100.6	100.0	
Reference 2	-100.0	-100.0	

High Resolution Temperature Calibration MCG 131		Field Calibration on 15-DEC-2006,15:05	
	Measured	Calibrated(Deg C)	
Lower	1.00	1.00	
Upper	10.00	10.00	

High Resolution Temperature Constants MCG 131			
Pre-filter Length	11		

FE Calibration MFE 038		Base Calibration on 4-DEC-2006 15:24 Field Check on 23-JAN-2007,22:36	
Base Calibration			
	Measured	Calibrated (ohm-m)	
Reference 1	0.0	0.0	
Reference 2	974.1	126.8	
Base Check		278.0	
Field Check		278.7	

FE Constants MFE 038		Last Edited on 15-DEC-2006,13:39	
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Caliper Source for FE correction	Density Caliper	
Rm Source for FE correction	Temperature Corr	
Temp. for Rm Corr.	MCG External Temperature	
Stand-off	Centred	millimetres
Caliper Calibration MTC 037		Base Calibration on 11-JAN-2007 22:22 Field Calibration on 22-JAN-2007,06:17
Base Calibration		
Reading No	Measured	Calibrator Size (mm)
1	15375	110.00
2	18236	162.00
3	21038	212.00
4	23830	262.00
5	26651	311.00
6	N/A	N/A
Field Calibration		
	Measured Caliper (mm)	Actual Caliper (mm)
	167.00	166.00
Gamma Calibration MGS 029		Field Calibration on 18-JAN-2007,10:05
	Measured	Calibrated (API)
Background	58	38
Calibrator (Gross)	1286	832
Calibrator (Net)	1228	794
Gamma Constants MGS 029		Last Edited on 24-JAN-2007,03:16
Gamma Calibrator Number	GRCC095	
Mud Density	1110.00	kg/m3
Caliper Source for Processing	Density Caliper	
Tool Position	Centred	
Concentration of KCl	0.00	kppm
SP Calibration MGS 029		Field Calibration on 7-DEC-2006,17:01
	Measured	Calibrated (mV)
Reference 1	100.0	100.0
Reference 2	-100.0	-100.0
High Resolution Temperature Calibration MGS 029		Field Calibration on 7-DEC-2006,17:01
	Measured	Calibrated(Deg C)
Lower	1.00	1.00
Upper	5.00	5.00
High Resolution Temperature Constants MGS 029		
Pre-filter Length	11	
Micro Laterolog Constants MMR 031		
Micro Laterolog K Factor	0.0128	
Standoff Offset	0.0000	inches
Borehole Correction Constants		
Mud Cake Source	Constant Value	
Mud Cake Thickness	0.4000	inches
Mud Cake Thickness Caliper	0	
Mud Cake Resistivity	0.1500	ohm-m
Caliper Calibration MMR 031		Base Calibration on 25-NOV-2006 12:45 Field Calibration on 6-JAN-2007,05:52
Base Calibration		
Reading No	Measured	Calibrator Size (mm)
1	14823	162.00
2	18001	212.00
3	21431	262.00
4	25325	311.00
5	0	0.00
6	N/A	N/A
Field Calibration		

Measured Caliper (mm)
200.60

Actual Caliper (mm)
205.70

Micro Normal and Micro Inverse Calibration MMR 031

Base Calibration on 25-NOV-2006,12:58
Field Check on 23-JAN-2007 22:10

Base Calibration

Channel	Measured		Calibrated (ohm-m)	
	Resistor 1	Resistor 2	Resistor 1	Resistor 2
Micro Normal	9.9	49.1	5.1	25.6
Micro Inverse	9.8	49.8	3.4	16.9

Channel	Base Check (ohm-m)	Field Check (ohm-m)
Micro Normal	94.7	94.7
Micro Inverse	61.5	61.5

Micro Normal and Micro Inverse Constants MMR 031

Last Edited on 25-NOV-2006,14:14

Micro Normal K Factor	0.5110
Micro Inverse K Factor	0.3380
Standoff Offset	0.0000 millimetres

Neutron Calibration MDN 016

Base Calibration on 11-JAN-2007 20:47
Field Check on 23-JAN-2007 22:05

Base Calibration

	Measured		Calibrated (cps)	
	Near	Far	Near	Far
	3219	98	3714	110
Ratio	32.703		33.764	

Field Calibrator at Base

	Calibrated (cps)
	2486 3648
Ratio	0.681

Field Check

	Calibrated (cps)
	2511 3822
Ratio	0.657

Neutron Constants MDN 016

Last Edited on 15-JAN-2007,07:16

Neutron Source Id	277
Neutron Jig Number	N636
Epithermal Neutron	No
Caliper Source for Processing	Density Caliper
Stand-off	0.00 mm
Mud Density	1000.00 kg/m3
Limestone Sigma	7.10 cu
Sandstone Sigma	4.26 cu
Dolomite Sigma	4.70 cu
Formation Pressure Source	Constant Value
Formation Pressure	0.00 kPa
Temperature Source	Constant Value
Temperature	20.00 degrees C
Mud Salinity	0.00 kppm
Formation Fluid Salinity Source	Constant Value
Formation Fluid Salinity	0.00 kppm
Barite Mud Correction	Not Applied

Photo Density Calibration MPD 093

Base Calibration on 19-JAN-2007,19:16
Field Check on 23-JAN-2007 22:00

Density Calibration

Base Calibration	Measured		Calibrated (sdu)	
	Near	Far	Near	Far
Reference 1	71274	37606	60352	31615
Reference 2	29326	2540	25043	2540

Field Check at Base

0.0 0.0

Field Check

741.6 865.3

PE Calibration

Base Calibration	Measured	Calibrated
Background	133	653
Reference 1	29377	71091
Reference 2	7941	29220
Field Check at Base		
	133.0	649.2
Field Check		
	134.6	655.5

Density Constants	MPD 093			Last Edited on 24-JAN-2007,03:16
Density Source Id		16151b		
Nylon Calibrator Number		608		
Aluminium/Fe Calibrator Number		608		
Density Shoe Profile		4 inch		
Caliper Source for Processing		Density Caliper		
PE Correction to Density		Not Applied		
Mud Density		1110.00	kg/m3	
Mud Density Z/A Correction		1.11		
Mud Filtrate Density		1000.00	kg/m3	
Dry Hole Mud Filtrate Density		1000.00	kg/m3	
DNCT		0.00	kg/m3	
CRCT		0.00	kg/m3	
Matrix Density (kg/m3)		Depth (m)		
2710.00		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		

Caliper Calibration	MPD 093			Base Calibration on 11-JAN-2007 21:58
				Field Calibration on 22-JAN-2007,06:17
Base Calibration				
Reading No	Measured	Calibrator Size (mm)		
1	15040	110.00		
2	23085	162.00		
3	31440	212.00		
4	40233	262.00		
5	49152	311.00		
6	N/A	N/A		
Field Calibration				
	Measured Caliper (mm)	Actual Caliper (mm)		
	166.00	165.00		

Sonic Constants	MSS 075			Last Edited on 18-JAN-2007,10:05
Maximum Boundary Contrast		328.08	micro-sec/m	
Fluid Transit Time		620.08	micro-sec/m	
Limestone Transit Time		155.84	micro-sec/m	
Sandstone Transit Time		182.09	micro-sec/m	
Dolomite Transit Time		142.72	micro-sec/m	
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		
Fixed Gate Parameters				
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

Down Hole Fixed Gate Parameters

Gate Start	N/A	micro-sec
Gate Width	N/A	micro-sec
Initial Discriminator Level	0.0000	mVolts

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 092

Base Calibration on 19-JAN-2007 19:26
Field Check on 23-JAN-2007 22:08

Base Calibration

Test Loop Calibration

Channel	Measured		Calibrated (mmho/m)	
	Low	High	Low	High
1	17.5	473.2	9.3	966.2
2	5.9	374.5	7.6	821.4
3	2.8	255.0	5.2	566.0
4	1.3	130.5	2.6	279.2

Array Temperature 23.9 Deg C

Channel	Base Check (mmho/m)		Field Check (mmho/m)	
	Low	High	Low	High
1	10.3	3853.0	6.5	3842.8
2	30.0	3605.8	28.7	3599.3
3	29.7	3109.7	28.9	3103.7
4	20.7	2116.7	20.6	2113.5
Deep	19.0	2017.4	18.7	2013.4
Medium	43.3	4115.3	42.3	4107.3
Shallow	43.5	5343.3	41.2	5333.9

Array Temperature 11.6 -16.7 Deg C

Induction Constants MAI 092

Last Edited on 20-JAN-2007,04:19

Induction Model	VECTAR	
Caliper for Borehole Corr.	Density Caliper	
Hole Size for Borehole Correction	N/A	millimetres
Stand-off	25.40	millimetres
Number of Fins on Stand-off	5.0000	
Stand-off Fin Width	12.7000	millimetres
Borehole Corr. Rm Source	Temperature Corr	
Temp. for Rm Corr.	MCG External Temperature	
Squasher Start	0.0020	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 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

High Resolution Temperature Calibration MAI 092

Field Calibration on 13-SEP-2005,13:50

	Measured	Calibrated(Deg C)
Lower	1.00	1.00
Upper	50.00	50.00

High Resolution Temperature Constants MAI 092

Pre-filter Length	11
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DOWNHOLE EQUIPMENT

C:\DOCUME~1\murraytm\LOCALS~1\Temp\Precision PreView\L40PARAQUINTRPT2.dta

Compact Gamma
MCG 131 Length: 2.65 m Weight: 63.9 lb

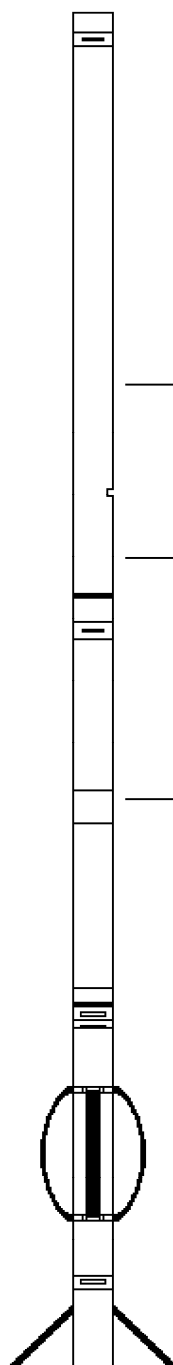
20.98 m GRGC - Gamma Ray

20.10 m CGXT - MCG External Temperature

Compact Focussed Electric
MFE 38 Length: 1.84 m Weight: 48.5 lb

18.98 m FEFE - Shallow FE

Compact Two Arm Caliper
MTC 37 Length: 2.17 m Weight: 61.7 lb



Compact Short Gamma
MGS 29 Length: 1.04 m Weight: 24.3 lb

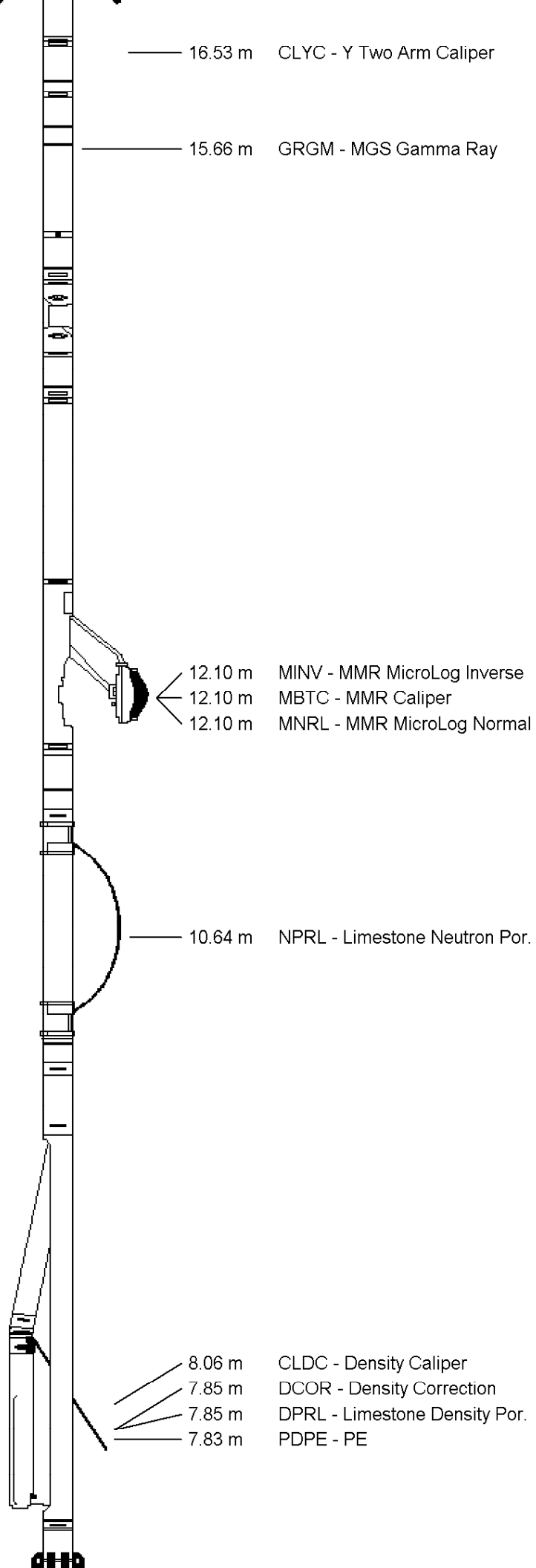
Compact InterSonde Crank
ISC 151 Length: 0.71 m Weight: 24.3 lb

Compact Micro-Resistivity
MMR 31 Length: 2.62 m Weight: 81.6 lb

Compact Neutron
MDN 16 Length: 1.53 m Weight: 50.7 lb

Compact Density/Caliper
MPD 93 Length: 2.92 m Weight: 90.4 lb

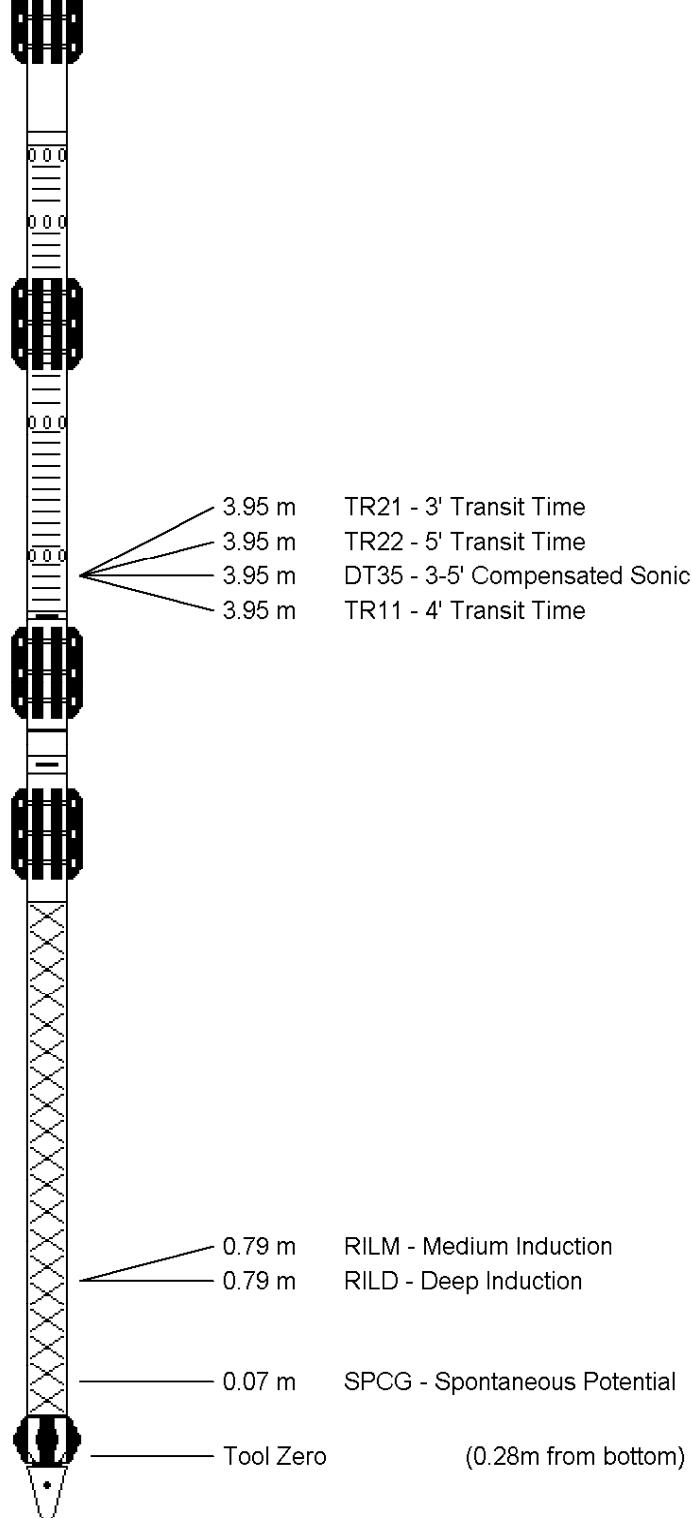
Compact Sonic



MSS 75 Length: 3.82 m Weight: 72.8 lb

Compact Induction
MAI 92 Length: 3.29 m Weight: 48.5 lb

Compact Hole Finder
HFS 1 Length: 0.24 m Weight: 2.2 lb
Total Length: 22.83 m Weight: 568.8 lb



All measurements relative to tool zero.

COMPANY	PARAMOUNT RESOURCES LTD.
WELL	PARA ET AL CAMERON L40
FIELD	CAMERON HILLS
PROVINCE	NORTHWEST TERRITORIES
COUNTRY	CANADA

Elevation Kelly Bushing	690.10	metres	First Reading	1452.00	metre
Elevation Drill Floor		metres	Depth Driller	1453.00	metres
Elevation Ground Level	684.70	metres	Depth Logger	1453.30	metres



MEASURED DEPTH
ARRAY INDUCTION

