PRECISION ENERGY SERVICES

DLL - MLL - GR -SONIC
DENSITY - NEUTRON
1:500

COMPANY	KAROON GAS PTY. LTD.
WELL	MEGASCOLIDES-2
FIELD	WILDCAT
PROVINCE/COUNTY	VICTORIA
COUNTRY/STATE	AUSTRALIA
LOCATION	145°, 53', 39" E, -38°, 14', 5.2" S

FIELD PRINT

LSD	SEC	TWP	RGE	Other Services
				DIPMETER

API Number
Permit Number PEP162

Permanent Datum S.L , Elevation 0 metres
Log Measured From R.T. @156.5 above Permanent Datum
Drilling Measured From R.T.

Elevations:
KB 156.50 metres
DF 156.20 metres
GL 151.00 metres

Date	01-FEB-2007			
Run Number	ONE			
Depth Driller	2130.00	metres		
Depth Logger	2132.85	metres		
First Reading	2132.00	metres		
Last Reading	496.70	metres		
Casing Driller	506.00	metres		
Casing Logger	506.70	metres		
Bit Size	8.50	inches		
Hole Fluid Type	KCL/PHPA			
Density / Viscosity	1.13 g/c3		19.00 CP	
PH / Fluid Loss	9.80		5.60 ml/30Min	
Sample Source	FLOWLINE			
Rm @ Measured Temp	0.249 @ 25.0	ohm-m		
Rmf @ Measured Temp	0.211 @ 25.0	ohm-m		
Rmc @ Measured Temp	0.286 @ 25.0	ohm-m		
Source Rmf / Rmc	FILTER		PRESS	
Rm @ BHT	0.107 @ 87.0	ohm-m		
Time Since Circulation	11:50 HRS			
Max Recorded Temp	87.00	deg C		
Equipment Name	COMPACT			
Equipment / Base	2		SALE	
Recorded By	E.MANN			
Witnessed By	D.HORNER			
Circ. Stop	1540 31/01			

BOREHOLE RECORD

Last Edited: 1-FEB-2007 10:14

Bit Size inches	Depth From metres	Depth To metres
8.500	506.00	2130.00

CASING RECORD

Type	Size inches	Depth From metres	Shoe Depth metres	Weight pounds/ft
SURFACE	9.625	0.00	506.00	36.00

REMARKS

THIS IS THE PRIMARY DEPTH REFFERENCE FOR THIS WELL

1) SOFTWARE ISSUE: MAY 11, 2006.
2) CUSTOMER SCALES AND INTERVALS LOGGED
3) HFS, MMR, MLE, MUG, MSS, MPD, MDN, ISC, MTC, MCG, MB, MBE RAN IN COMBINATION.
4) HARWARE:
MMR - 2 x 2" STANDOFFS
MUG -1 x 2" STANDOFF
MSS - 2 x1" STANDOFFS, 1 x 2" STANDOFF
MDN - DUAL BOWSPRING
MBE - 1 x 1' STANDOFF
MBE - 1 x 1" STANDOFF

5) MPD CORRECTED FOR BOREHOLE SIZE AND MUD DENSITY.
6) MDN CORECTED FOR BOREHOLE SIZE, MUD DENSITY AND SALINITY.

7) SERVICE ORDER: 3056
8) RIG: CENTURY RESOURCES #11.
9) HOLE VOLUME FROM TD TO SURFACE CASING SHOE = 60.9 M3
10) ANNULAR VOLUME FROM TD CASING SHOE USING 7" CASING = 20.8 M3

11) UNIT J FACTOR = 0.8441

MAIN PASS 1:500

Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 01-FEB-2007 10:27
Filename: C:\DOCUME~1\HELILI~1\LOCALS~1\Temp\Precision PreView\CS3_001.dta
Recorded on 01-FEB-2007 03:26
System Versions: Logged with 7.02.0251 Plotted with 7.01.0194

Timing Marks
every 60.0 sec

DST Uphole Tension
pounds
0 2000 4000
4000 6000 8000

Density Caliper
inches
6 11 16

Y Two Arm Caliper
inches
6 11 16

Spontaneous Potential
millivolts
− → | 10 | ← +

Borehole Corrected Gamma
API
0 100 200
200 300 400

Bit Size
inches
6 11 16

Depth in Metres

Borehole Temp in deg C

HVI every 0.1 cu m

Annular Integral every 0.1 cu m

Replay Scale 1:500

Shallow Laterolog
ohm metres
0.20 2000
1 10 100 1000

Limestone Neutron Por.
percent
45 15 -15

Deep Laterolog
ohm metres
0.20 2000
1 10 100 1000

Density Correction
grams/cc
-0.50 0 0.50

MicroRes Resistance (S)
ohm metres
0.20 2000
1 10 100 1000

Compensated Density
grams/cc
1.85 2.35 2.85

PE
barns/electron
0 10 20

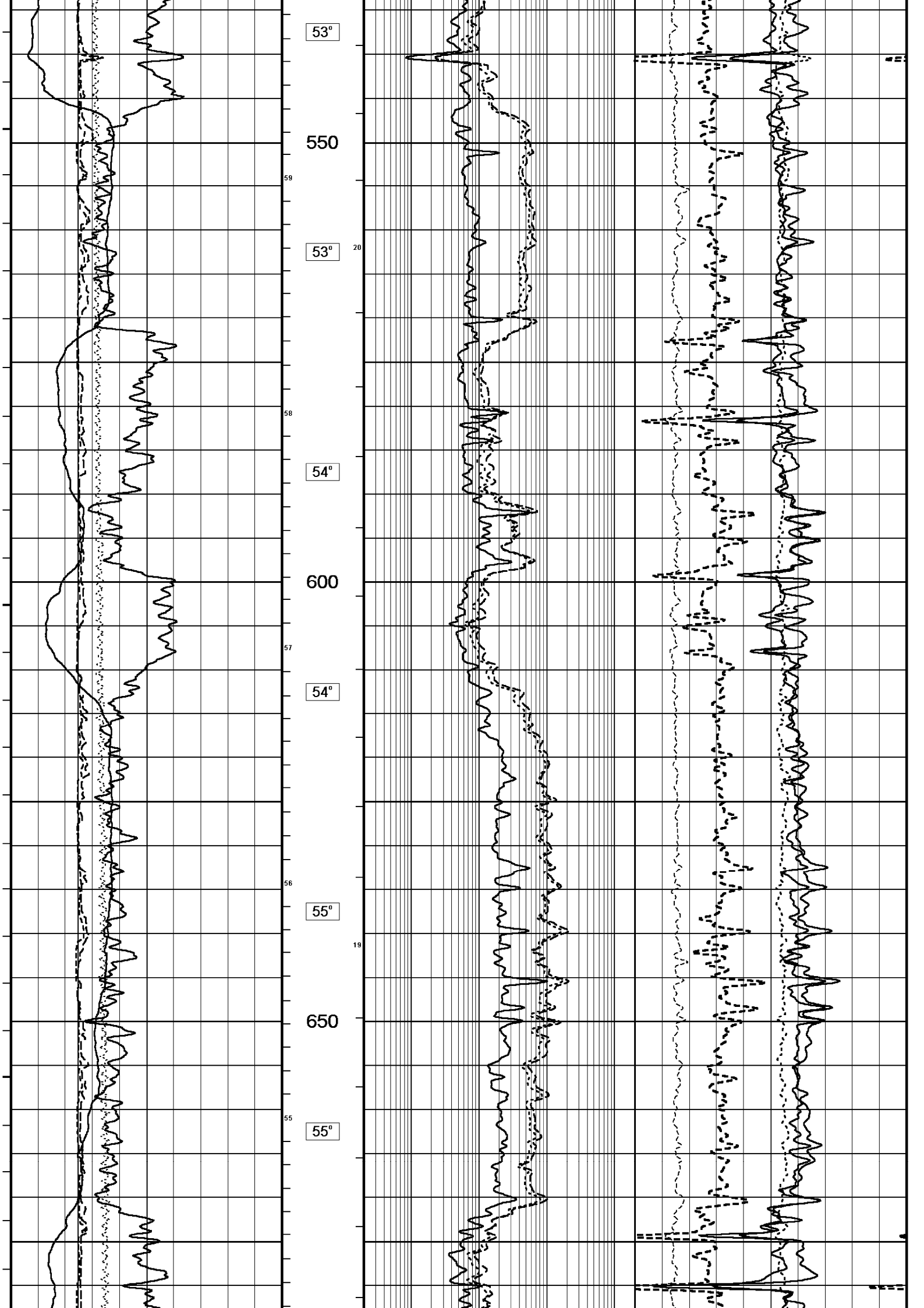
3-5' Compensated Sonic
microsec/foot
140 90 40

500

61

52°

60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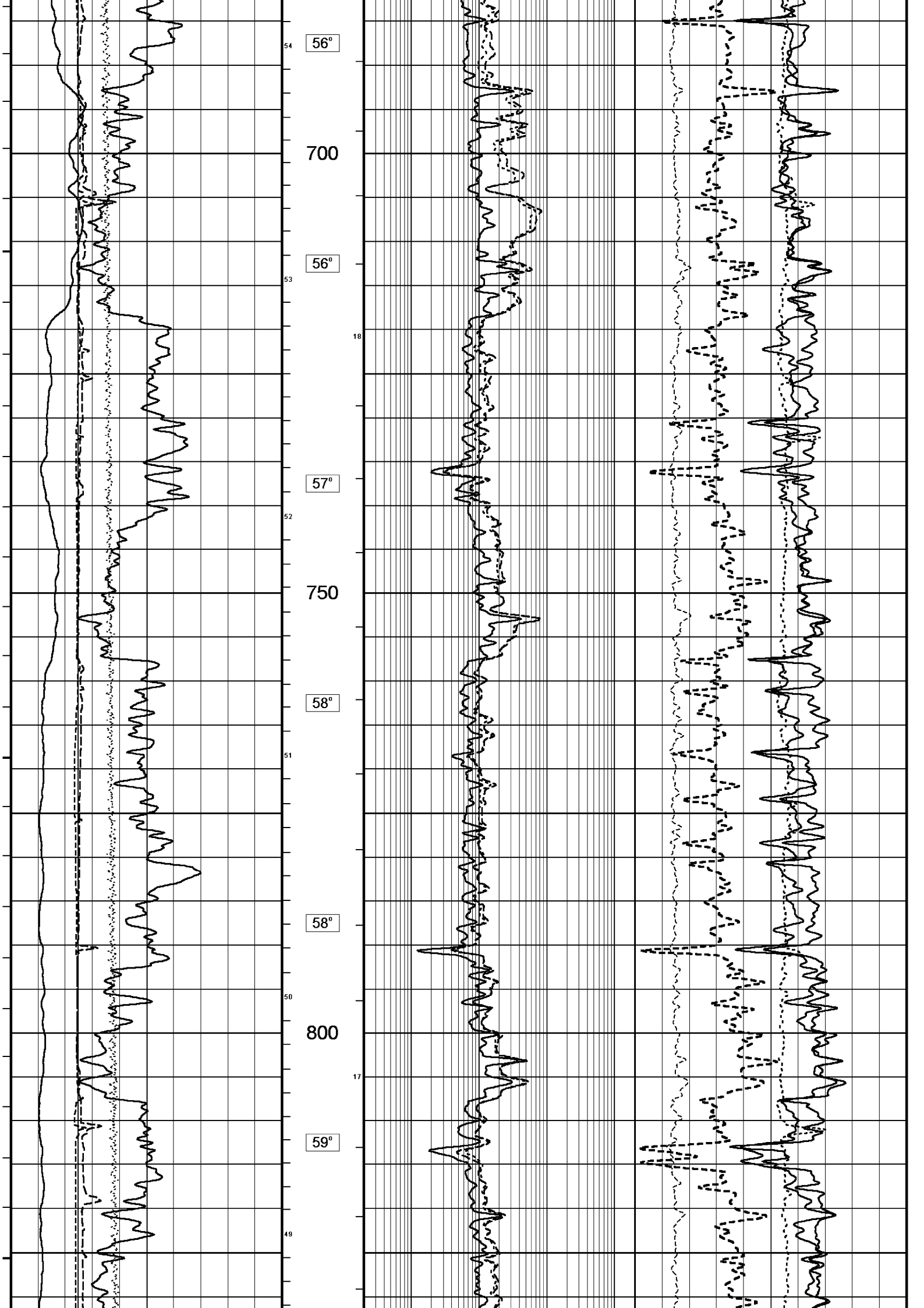
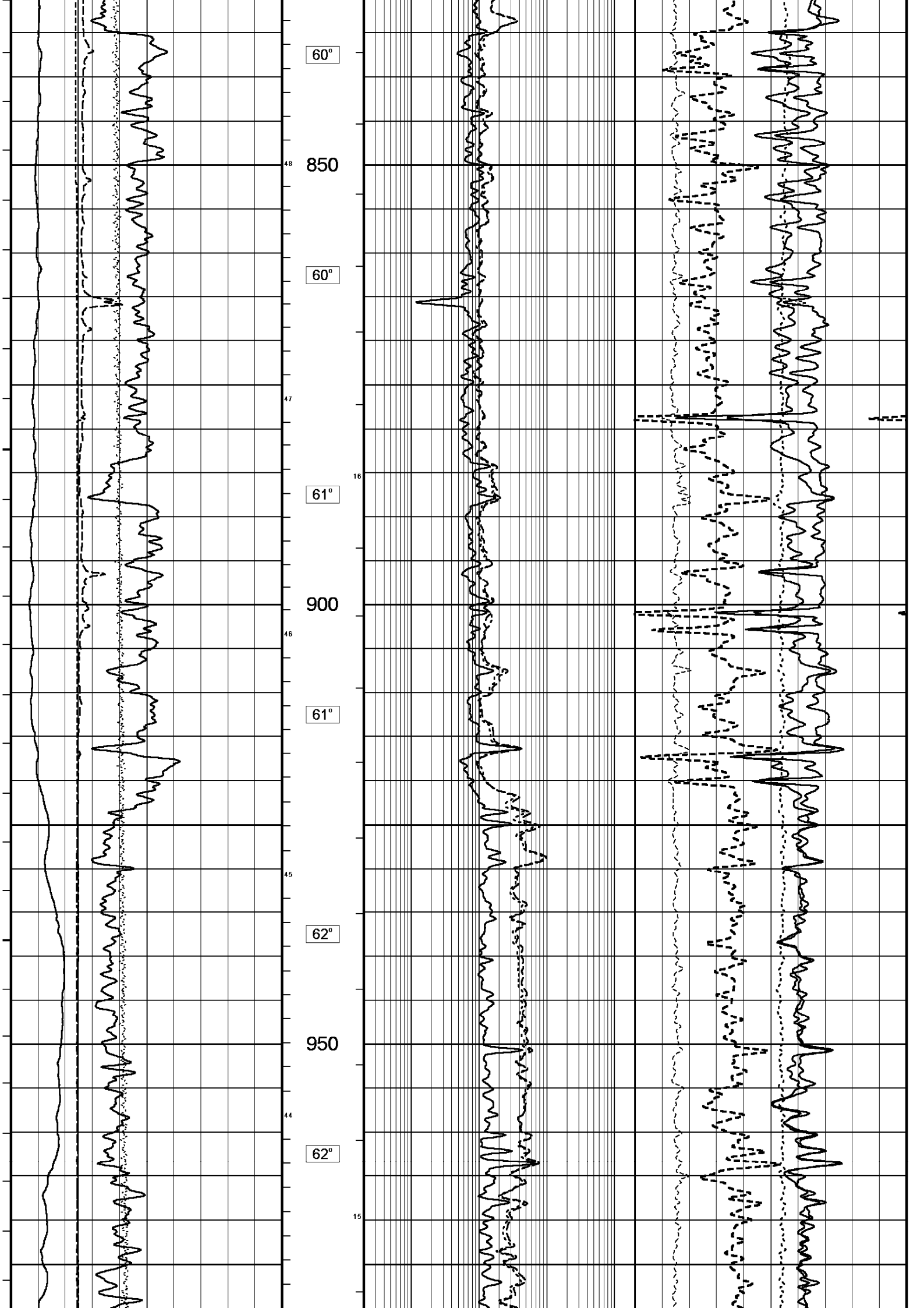
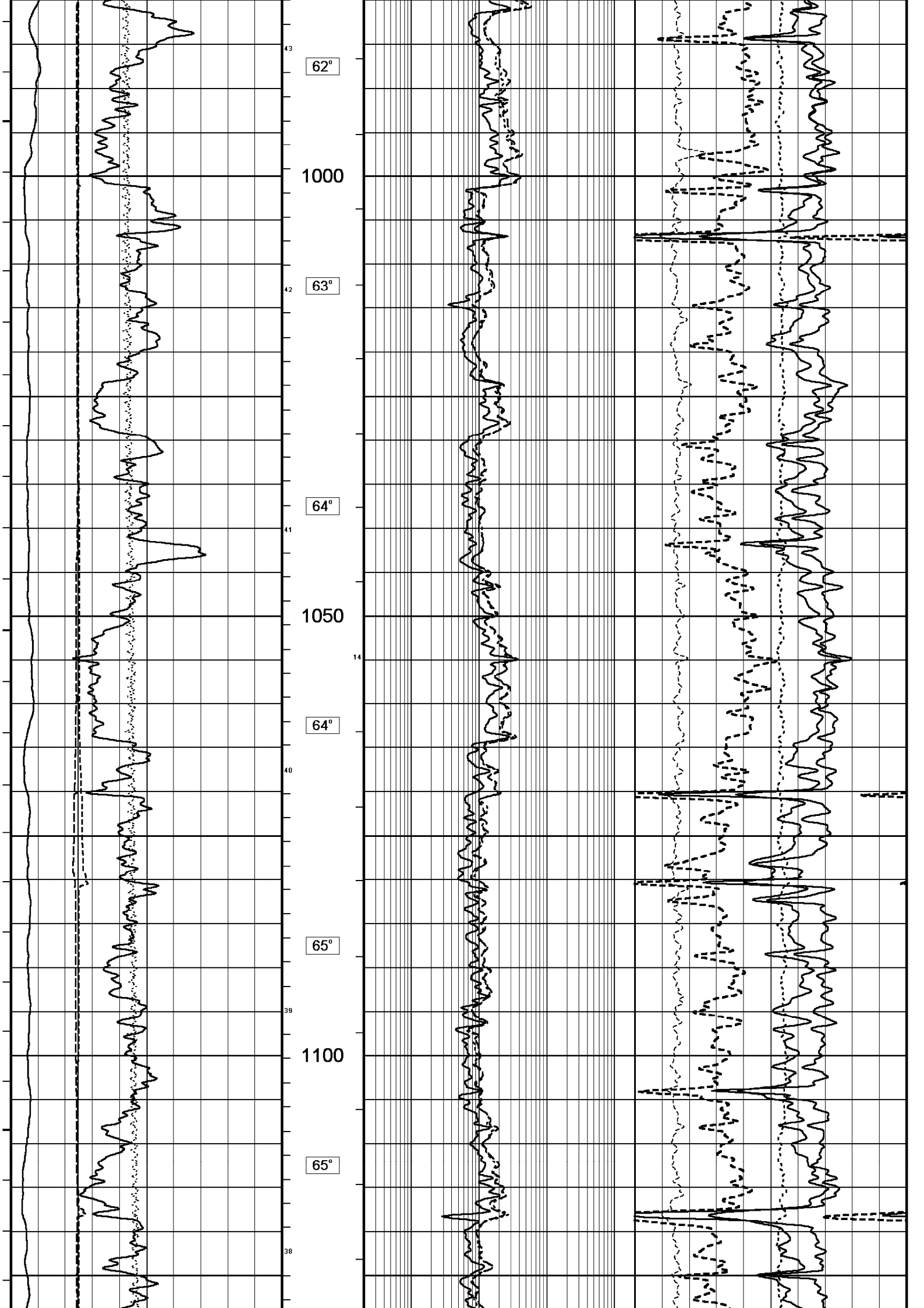
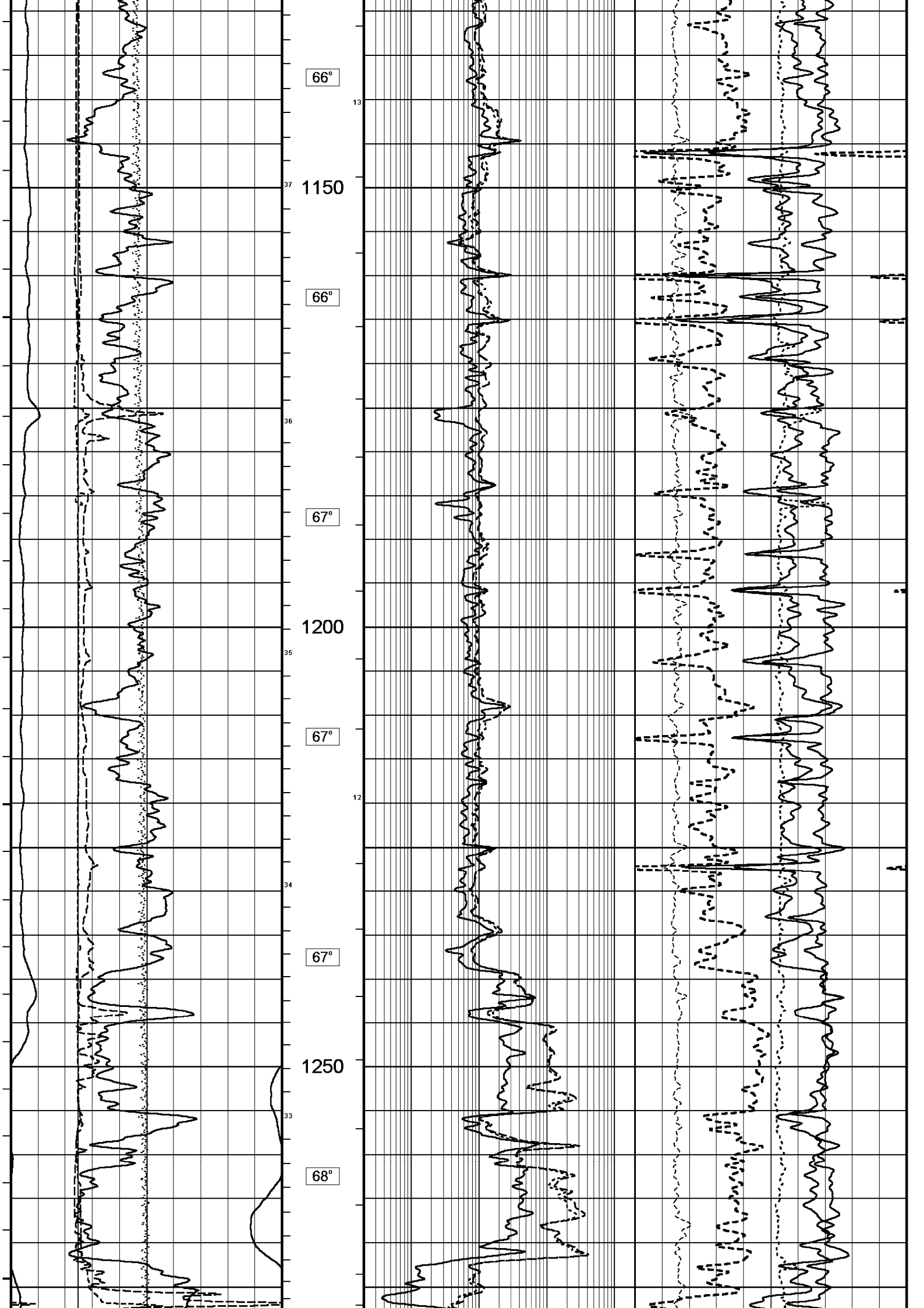
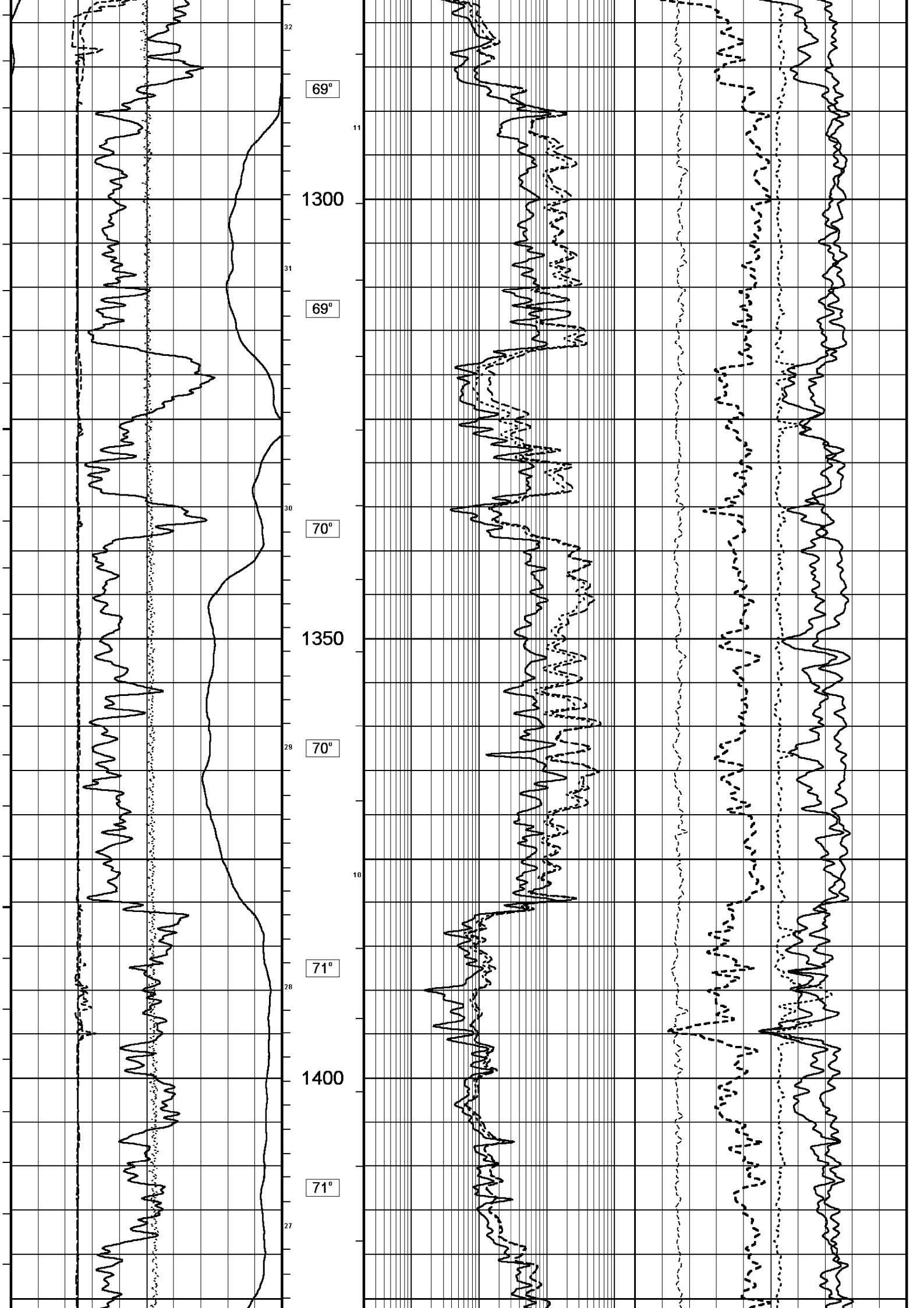
550
59
53°
20
58
54°
600
57
54°
56
55°
19
650
55
55°

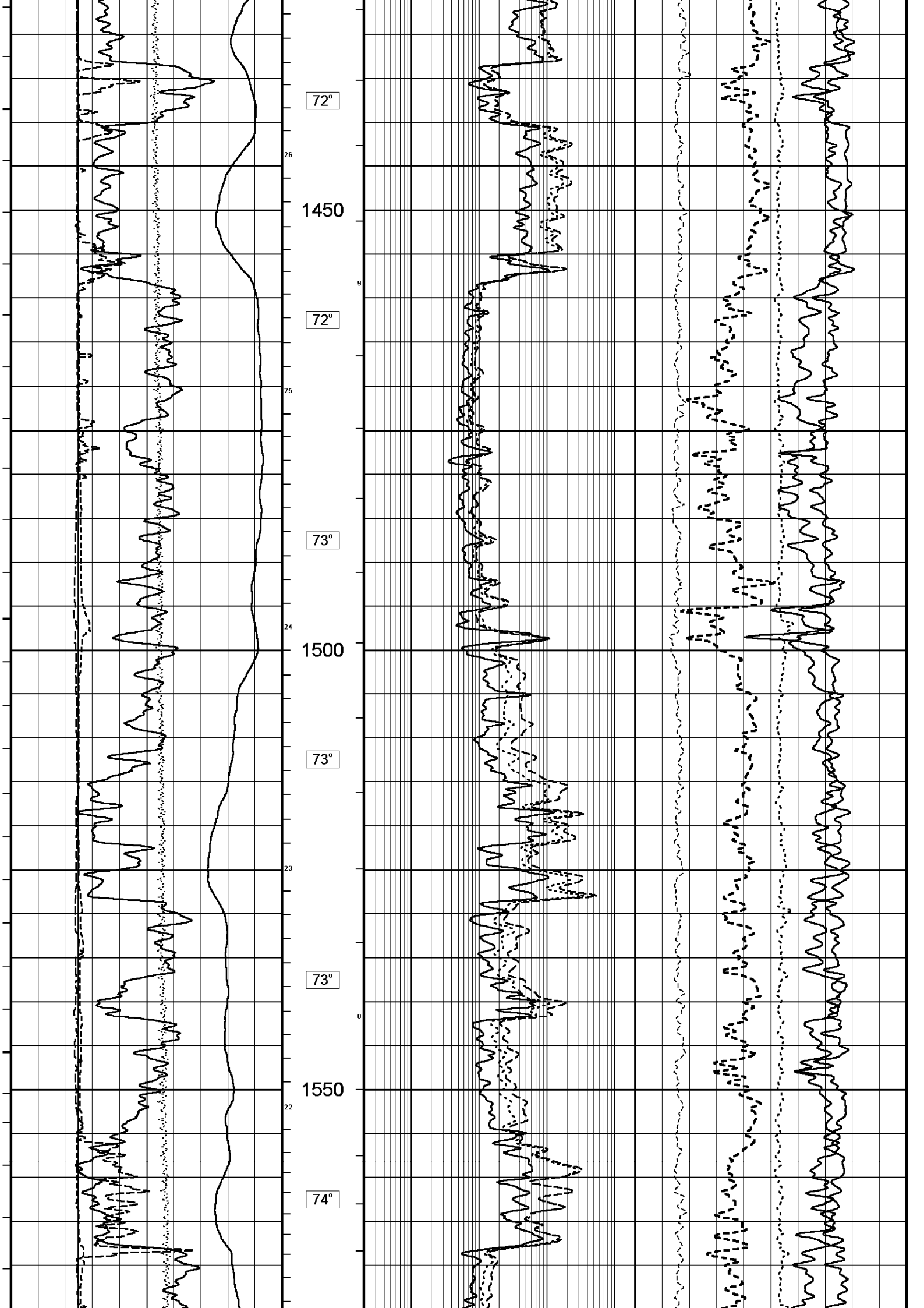

56°
700
56°
57°
750
58°
58°
800
59°

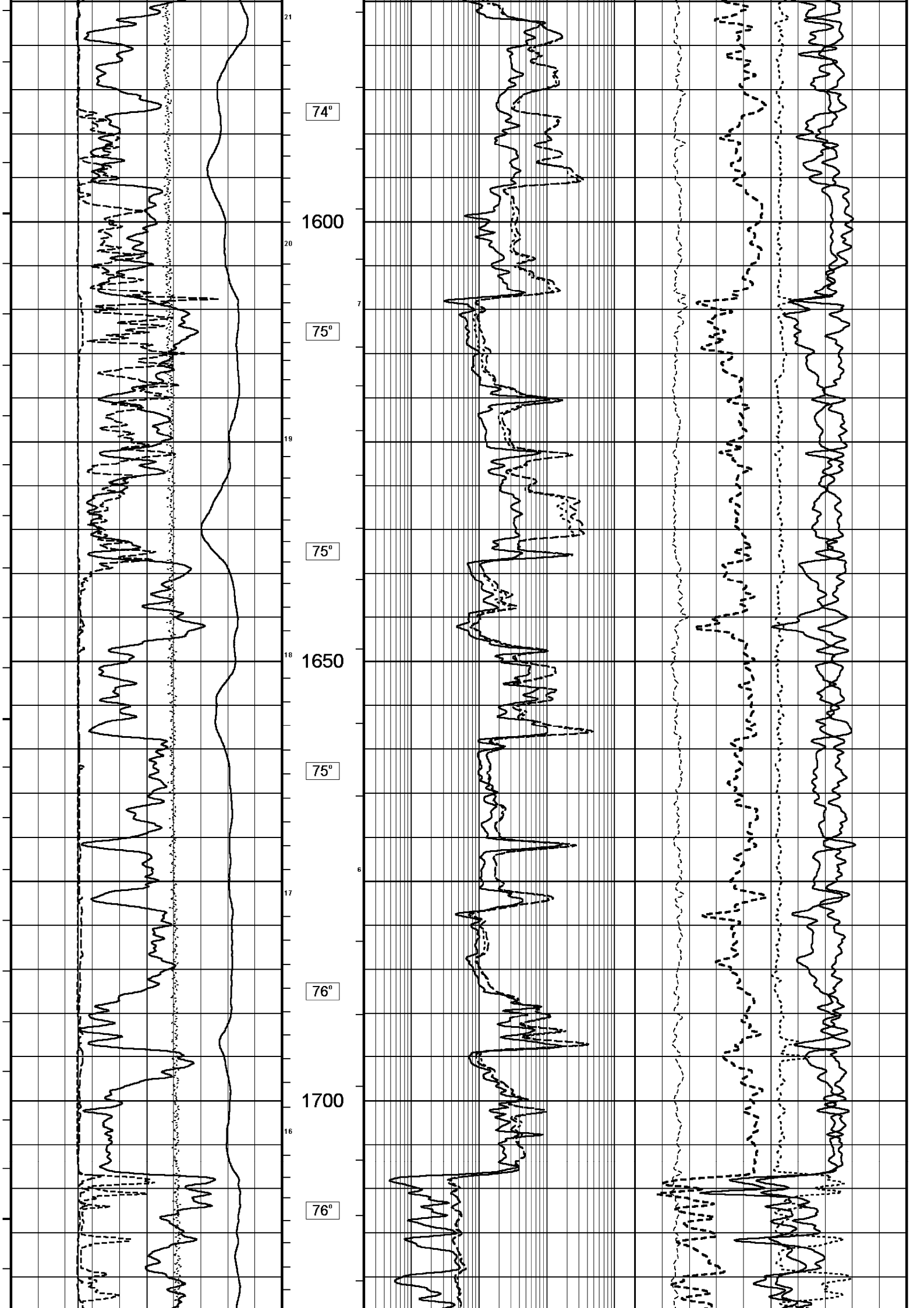

60°
850
60°
61°
900
61°
62°
950
62°

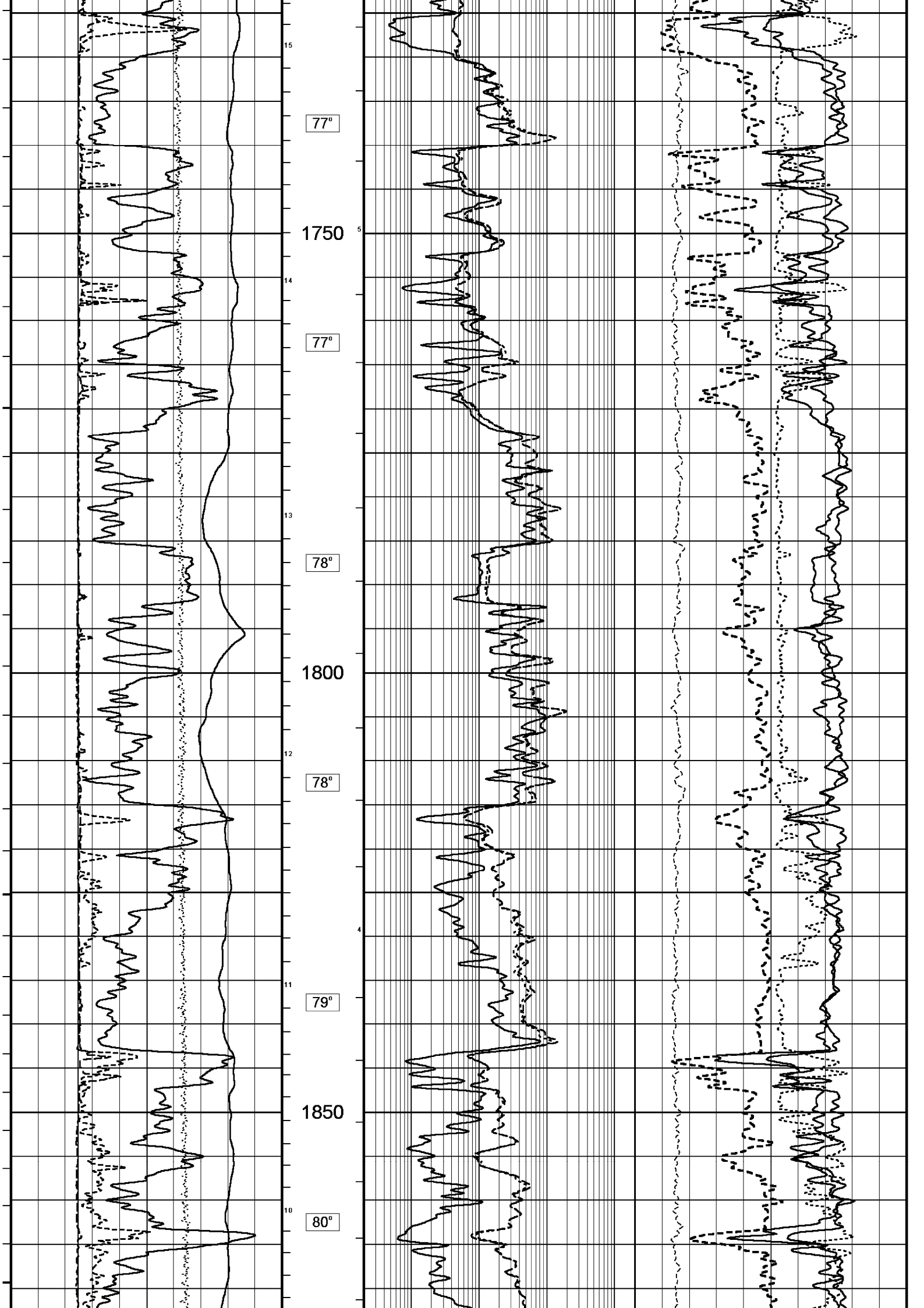

62°
1000
63°
64°
1050
64°
65°
1100
65°

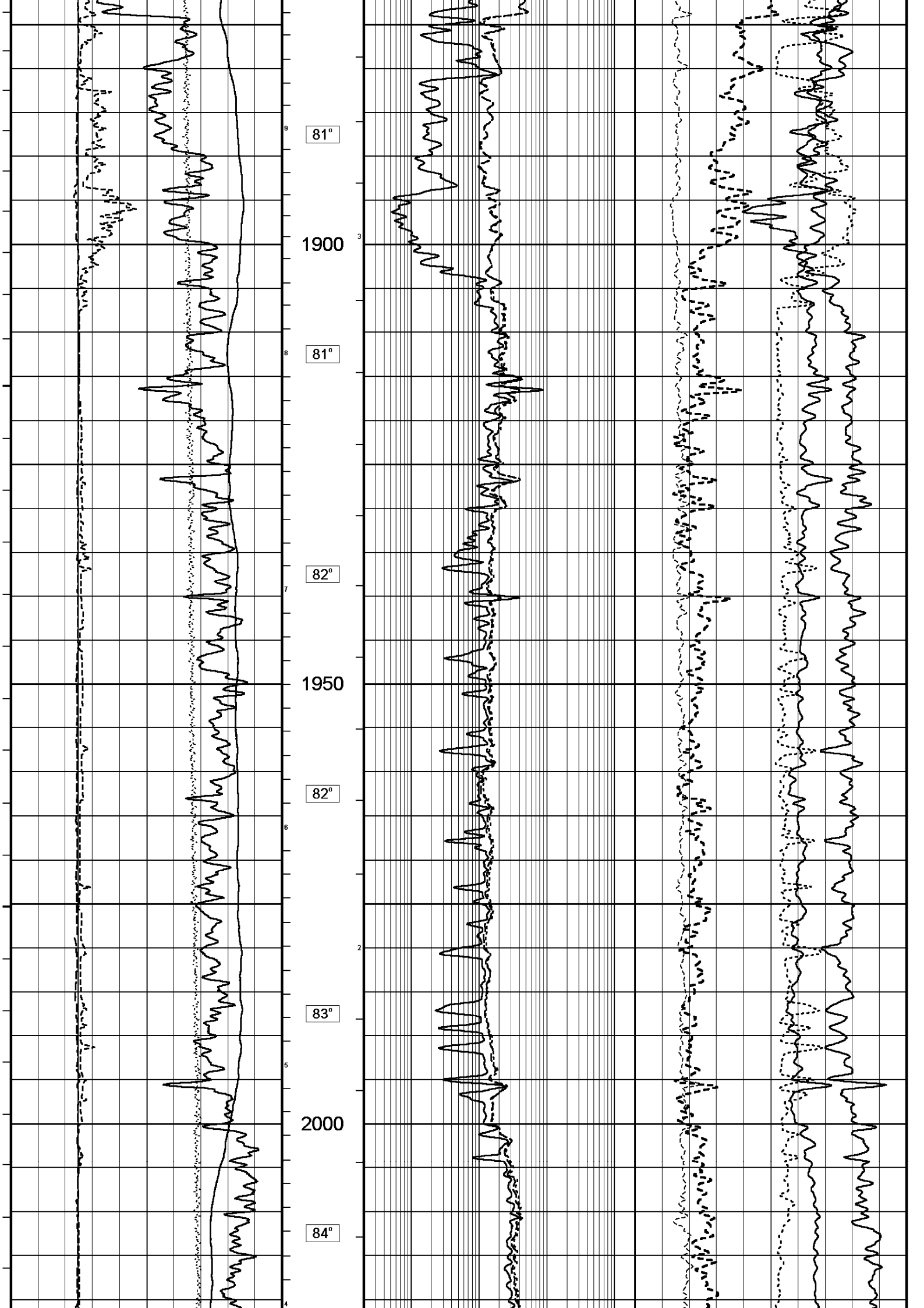

66°
1150
66°
67°
1200
67°
67°
1250
68°

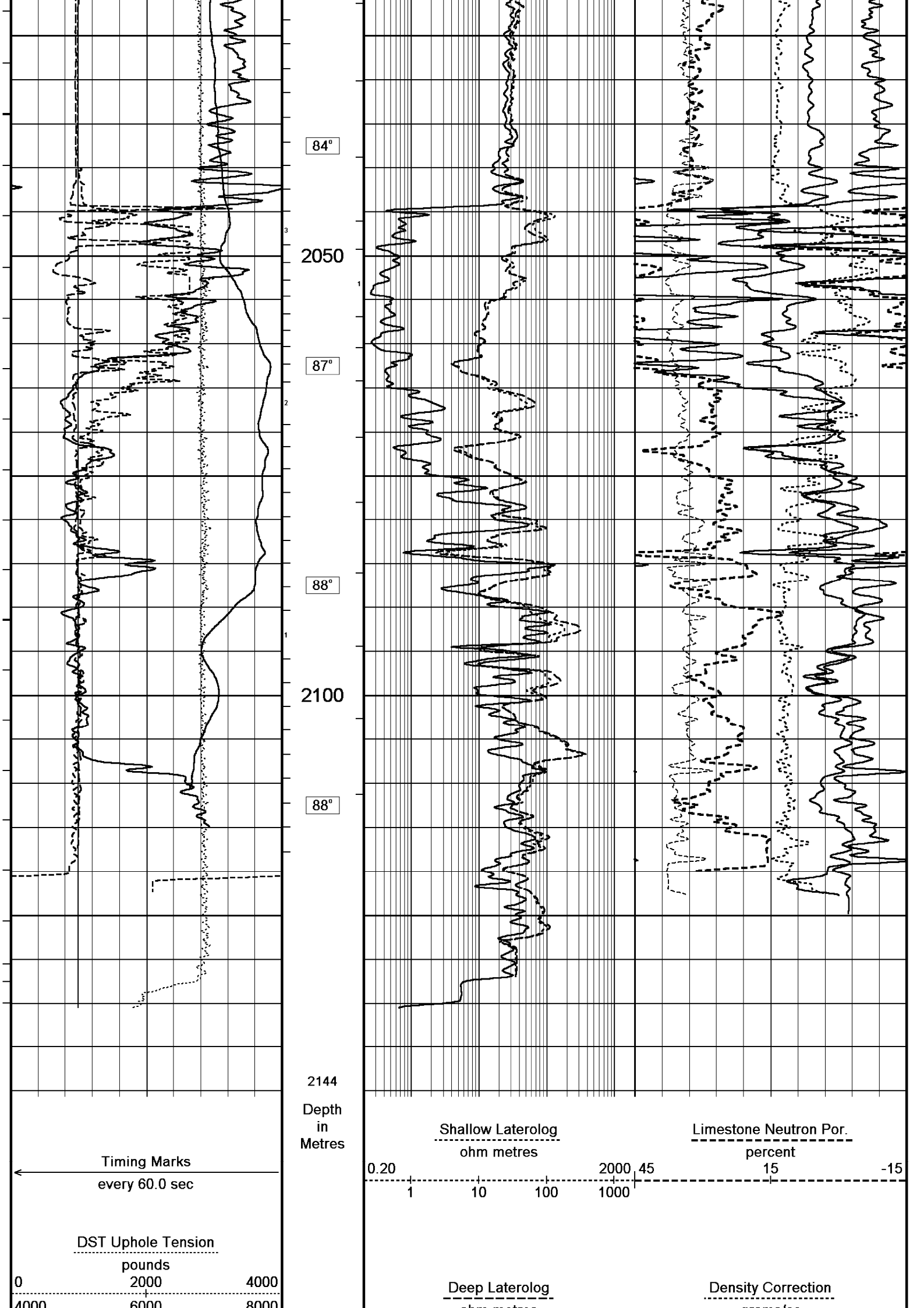

32
69°
1300
31
69°
30
70°
1350
29
70°
71°
28
1400
71°
27

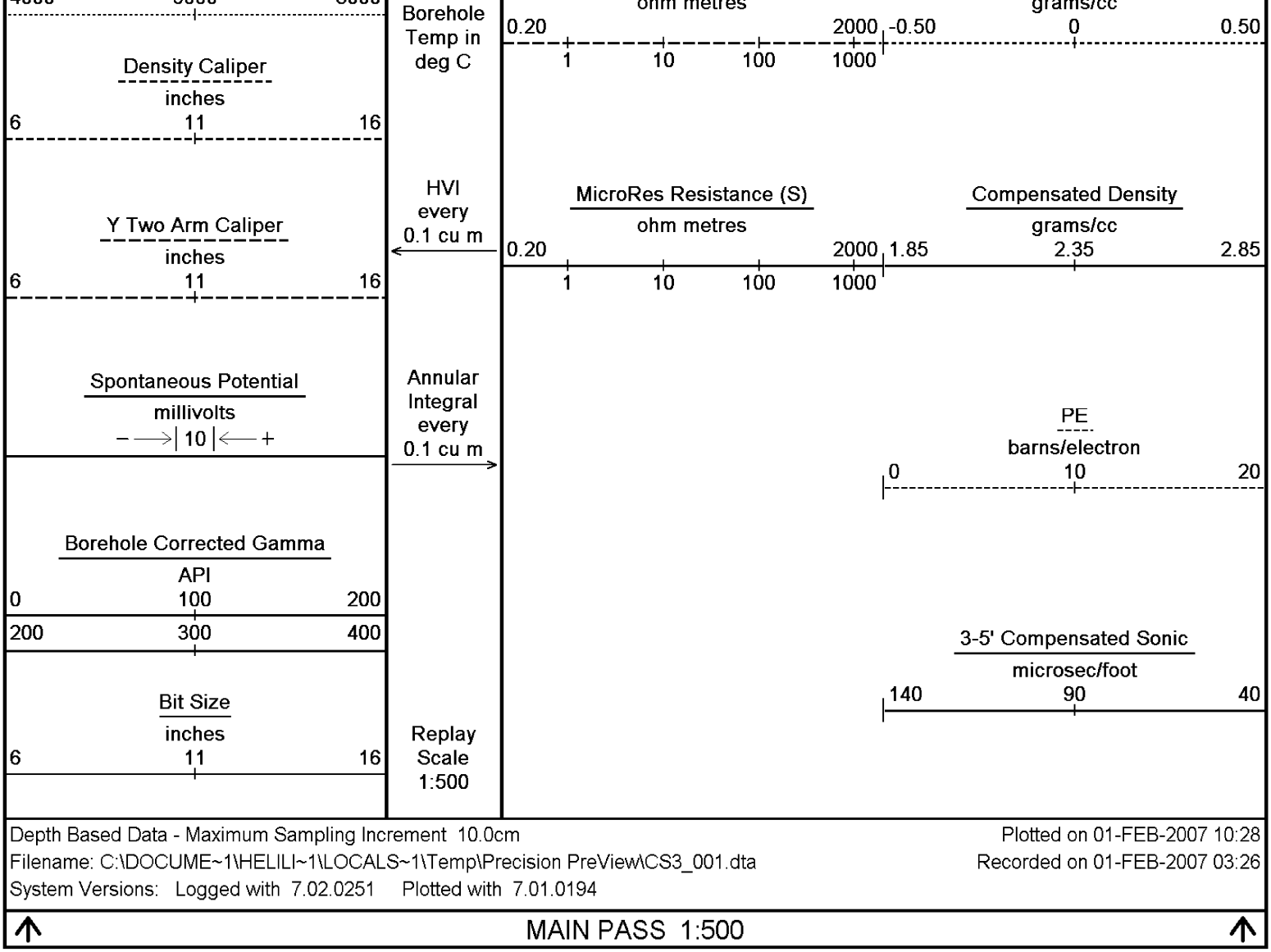

72°
1450
72°
73°
1500
73°
73°
1550
74°

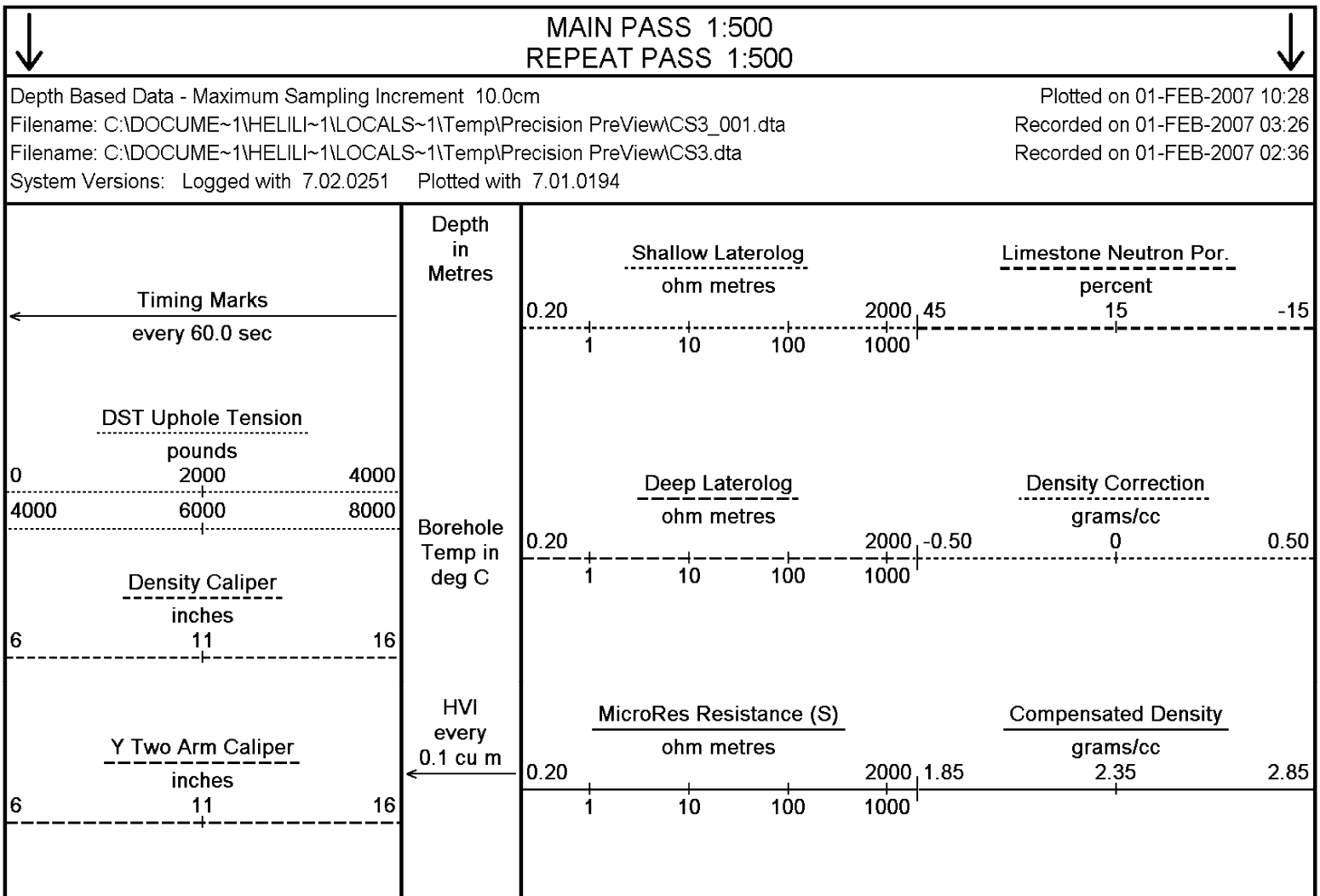

74°
1600
75°
75°
1650
75°
76°
1700
76°

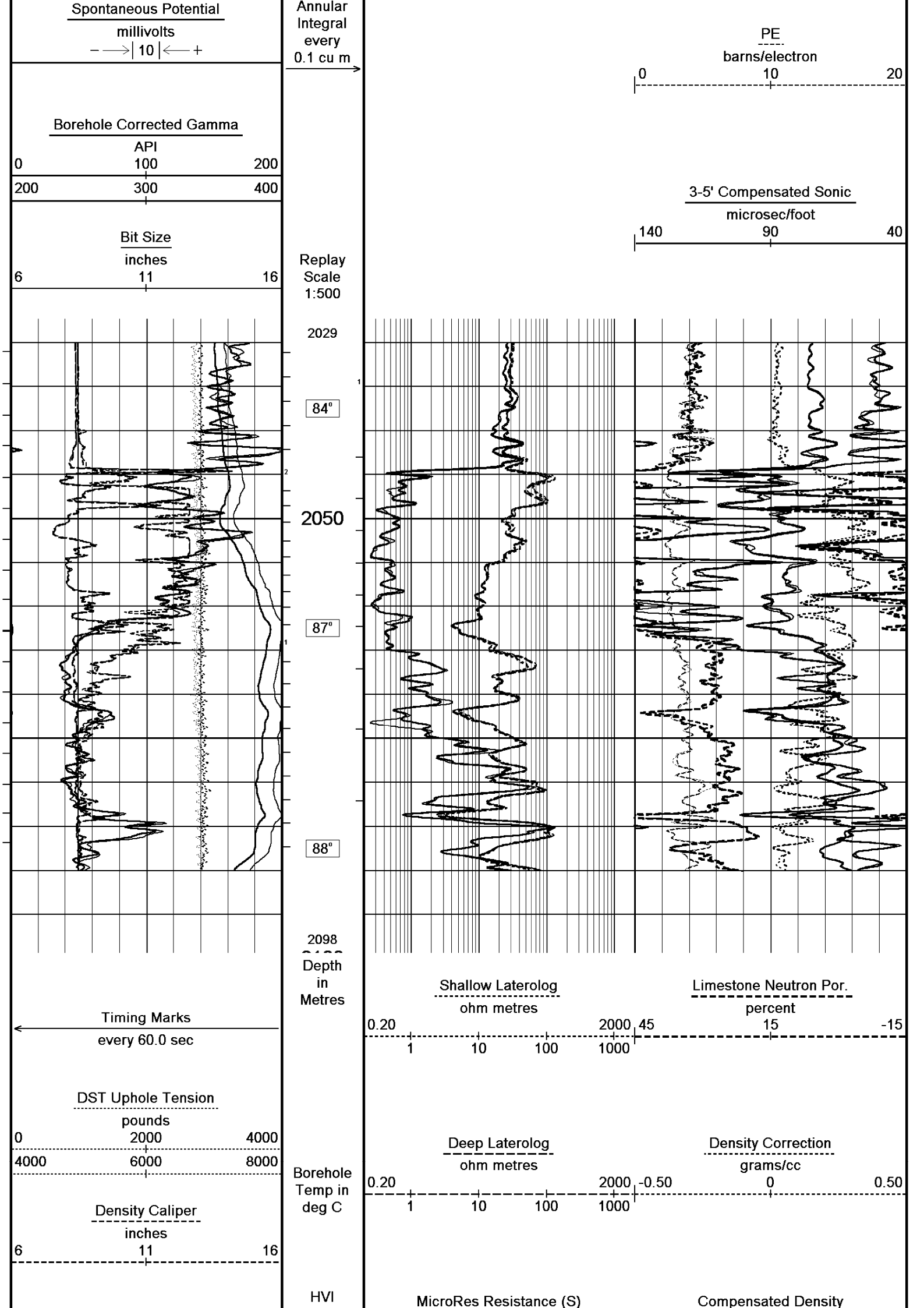

77°
1750
77°
78°
1800
78°
79°
1850
80°

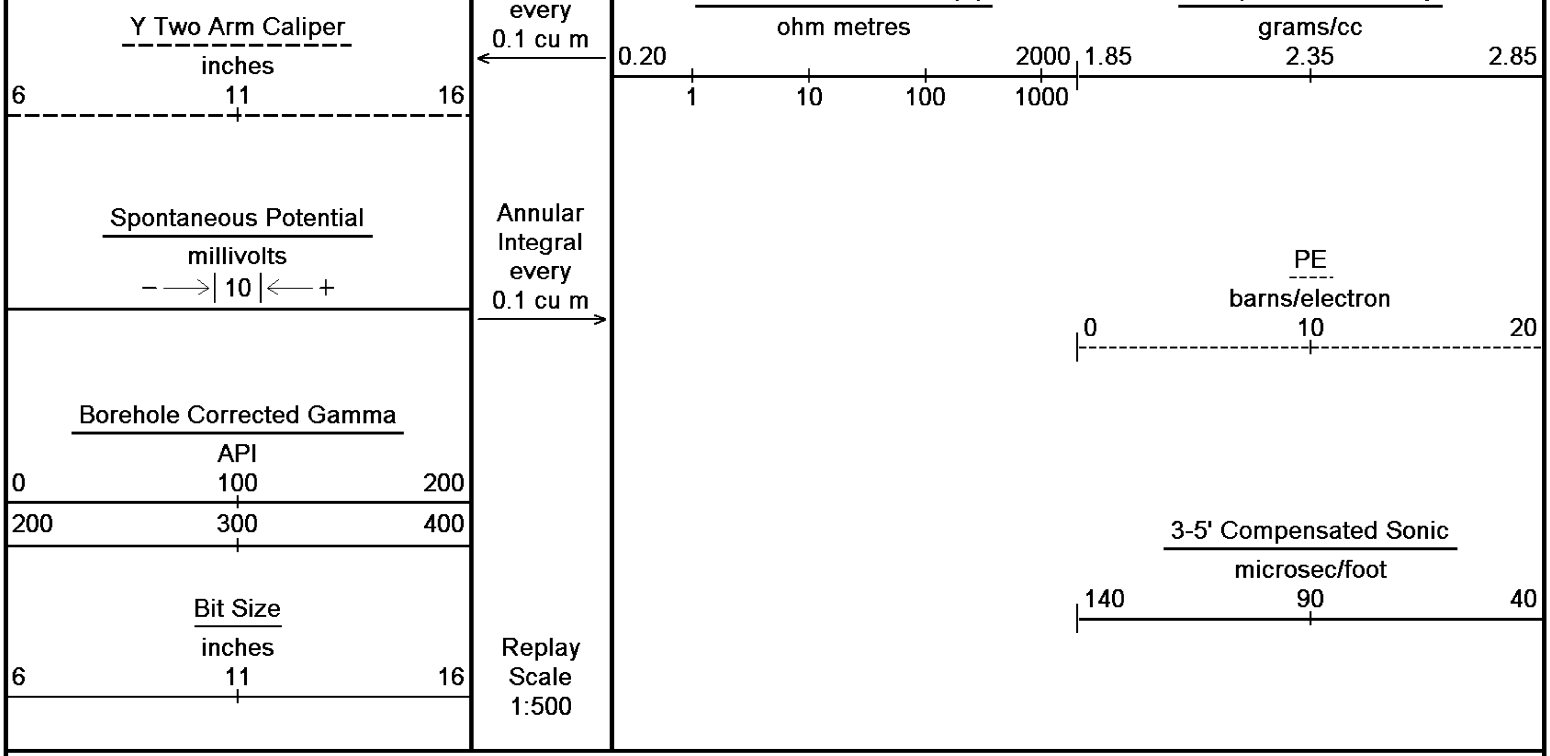

81°
1900
81°
82°
1950
82°
83°
2000
84°


84°
2050
87°
88°
2100
88°
2144
Depth
in
Metres
Timing Marks
every 60.0 sec
DST Uphole Tension
pounds
0
2000
4000
4000
6000
8000
Shallow Laterolog
ohm metres
0.20
2000
1
10
100
1000
Deep Laterolog
Limestone Neutron Por.
percent
45
15
-15
Density Correction


Density Caliper
inches
6 11 16
Y Two Arm Caliper
inches
6 11 16
Spontaneous Potential
millivolts
– 10 +
Borehole Corrected Gamma
API
0 100 200
200 300 400
Bit Size
inches
6 11 16
Borehole Temp in deg C
HVI every 0.1 cu m
Annular Integral every 0.1 cu m
Replay Scale 1:500
ohm metres
0.20 2000
1 10 100 1000
grams/cc
-0.50 0 0.50
MicroRes Resistance (S)
ohm metres
0.20 2000
1 10 100 1000
Compensated Density
grams/cc
1.85 2.35 2.85
PE
barns/electron
0 10 20
3-5' Compensated Sonic
microsec/foot
140 90 40
Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 01-FEB-2007 10:28
Filename: C:\DOCUME~1\HELILI~1\LOCALS~1\Temp\Precision PreView\CS3_001.dta
Recorded on 01-FEB-2007 03:26
System Versions: Logged with 7.02.0251 Plotted with 7.01.0194
MAIN PASS 1:500


MAIN PASS 1:500
REPEAT PASS 1:500
Depth Based Data - Maximum Sampling Increment 10.0cm
Plotted on 01-FEB-2007 10:28
Filename: C:\DOCUME~1\HELILI~1\LOCALS~1\Temp\Precision PreView\CS3_001.dta
Recorded on 01-FEB-2007 03:26
Filename: C:\DOCUME~1\HELILI~1\LOCALS~1\Temp\Precision PreView\CS3.dta
Recorded on 01-FEB-2007 02:36
System Versions: Logged with 7.02.0251 Plotted with 7.01.0194
Timing Marks
every 60.0 sec
DST Uphole Tension
pounds
0 2000 4000
4000 6000 8000
Density Caliper
inches
6 11 16
Y Two Arm Caliper
inches
6 11 16
Depth in Metres
Borehole Temp in deg C
HVI every 0.1 cu m
Shallow Laterolog
ohm metres
0.20 2000
1 10 100 1000
Limestone Neutron Por.
percent
45 15 -15
Deep Laterolog
ohm metres
0.20 2000
1 10 100 1000
Density Correction
grams/cc
-0.50 0 0.50
MicroRes Resistance (S)
ohm metres
0.20 2000
1 10 100 1000
Compensated Density
grams/cc
1.85 2.35 2.85


Spontaneous Potential
millivolts
10
Annular Integral every 0.1 cu m
PE
barns/electron
0
10
20
Borehole Corrected Gamma
API
0
100
200
200
300
400
3-5' Compensated Sonic
microsec/foot
140
90
40
Bit Size
inches
6
11
16
Replay Scale 1:500
2029
84°
2050
87°
88°
2098
Depth in Metres
Shallow Laterolog
ohm metres
0.20
2000
1
10
100
1000
Limestone Neutron Por.
percent
45
15
-15
Timing Marks
every 60.0 sec
DST Uphole Tension
pounds
0
2000
4000
4000
6000
8000
Deep Laterolog
ohm metres
0.20
2000
1
10
100
1000
Density Correction
grams/cc
-0.50
0
0.50
Borehole Temp in deg C
Density Caliper
inches
6
11
16
HVI
MicroRes Resistance (S)
Compensated Density



Depth Based Data - Maximum Sampling Increment 10.0cm — Plotted on 01-FEB-2007 10:28

Filename: C:\DOCUME~1\HELILI~1\LOCALS~1\Temp\Precision PreView\CS3_001.dta — Recorded on 01-FEB-2007 03:26

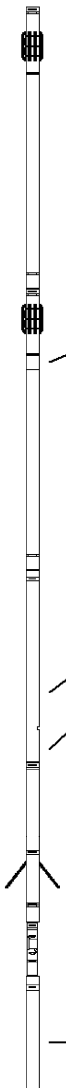
Filename: C:\DOCUME~1\HELILI~1\LOCALS~1\Temp\Precision PreView\CS3.dta — Recorded on 01-FEB-2007 02:36

System Versions: Logged with 7.02.0251 Plotted with 7.01.0194

MAIN PASS 1:500
REPEAT PASS 1:500

DOWNHOLE EQUIPMENT

C:\DOCUME~1\HELILI~1\LOCALS~1\Temp\Precision PreView\CS3_001.dta



Compact Stiff Bridle Electrode Sub.
MBE 6 Length: 3.76 m Weight: 77.2 lb

Compact Stiff Bridle Electrode Sub.
MBE 17 Length: 3.76 m Weight: 77.2 lb

25.11 m SPDL - Spontaneous Potential

Compact Gamma
MCG 162 Length: 2.65 m Weight: 63.9 lb

20.77 m GGCE - Borehole Corrected Gamma
19.89 m CGXT - MCG External Temperature

Compact Two Arm Caliper
MTC 49 Length: 2.17 m Weight: 61.7 lb

18.16 m CLYC - Y Two Arm Caliper

Compact InterSonde Crank
ISC 135 Length: 0.71 m Weight: 24.3 lb

Compact Neutron
MDN 85 Length: 1.53 m Weight: 50.7 lb

15.93 m NPRL - Limestone Neutron Por.

Compact Density/Caliper
MPD 83 Length: 2.92 m Weight: 90.4 lb

Compact Sonic
MSS 66 Length: 3.82 m Weight: 72.8 lb

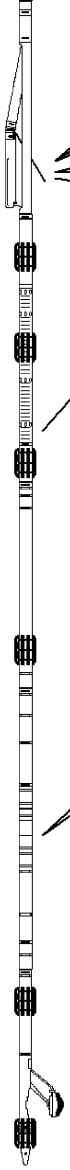
Compact Upper Guard Sub.
MUG 29 Length: 2.74 m Weight: 68.3 lb

Compact Laterolog Electrode Sub.
MLE 29 Length: 3.76 m Weight: 92.6 lb

Compact Micro-Resistivity
MMR 42 Length: 2.62 m Weight: 81.6 lb

Pressure Bung + Hole Finder
HFS 99 Length: 0.28 m Weight: 6.6 lb

Total Length: 30.71 m Weight: 767.2 lb



13.35 m	AVOL - Annular Volume
13.35 m	HVOL - Hole Volume
13.35 m	CLDC - Density Caliper
13.14 m	DEN - Compensated Density
13.14 m	DCOR - Density Correction
13.12 m	PDPE - PE
9.24 m	DT35 - 3-5' Compensated Sonic
3.93 m	DSLL - Shallow Laterolog
3.93 m	DDLL - Deep Laterolog
0.00 m	MRRS - MicroRes Resistance (S)
Tool Zero	(0.85m from bottom)

All measurements relative to tool zero.

BEFORE SURVEY CALIBRATION

C:\DOCUME~1\HELILI~1\LOCALS~1\Temp\Precision PreView\CS3_001.dta

General Constants All 000

Last Edited on 1-FEB-2007,00:00

General Parameters		
Mud Resistivity	0.249	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	7.000	inches
Caliper for Differential Caliper	None	
Rwa Parameters		
Porosity used	Base Density Porosity	
Resistivity used	Deep Laterolog	
RWA Constant A	0.610	
RWA Constant M	2.150	

High Resolution Temperature Calibration MCG 162

Field Calibration on 31-JAN-2007,14:10

	Measured	Calibrated(Deg C)
Lower	0.00	0.00
Upper	100.00	100.00

High Resolution Temperature Constants MCG 162

Pre-filter Length	11

Gamma Calibration MCG 162

Field Calibration on 31-JAN-2007 13:56

	Measured	Calibrated (API)
Background	63	42
Calibrator (Gross)	798	532
Calibrator (Net)	734	490

Gamma Constants MCG 162

Last Edited on 1-FEB-2007,00:01

Gamma Calibrator Number	GRC128	
Mud Density	1.13	gm/cc
Caliper Source for Processing	Density Caliper	
Tool Position	Centred	
Concentration of KCl	0.00	kppm

Caliper Calibration MTC 049

Base Calibration on 27-JAN-2007 21:12
Field Calibration on 1-FEB-2007,01:22

Base Calibration

Reading No	Measured	Calibrator Size (in)
1	12846	4.00
2	14318	5.96
3	15903	7.98
4	17331	9.86
5	18948	11.88
6	N/A	N/A

Field Calibration

Measured Caliper (in)	Actual Caliper (in)
8.94	8.92

Neutron Calibration MDN 085

Base Calibration on 20-JAN-2007 17:51
Field Check on 31-JAN-2007 14:26

Base Calibration

	Measured		Calibrated (cps)	
	Near	Far	Near	Far
	3272	103	3714	110
Ratio	31.913		33.764	

Field Calibrator at Base

	Calibrated (cps)	
	2291	3268
Ratio	0.701	

Field Check

	Calibrated (cps)	
	2244	3228
Ratio	0.695	

Neutron Constants MDN 085

Last Edited on 1-FEB-2007,00:02

Neutron Source Id	802	
Neutron Jig Number	090	
Epithermal Neutron	No	
Caliper Source for Processing	Density Caliper	
Stand-off	0.00	inches
Mud Density	1.13	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	MCG External Temperature	
Temperature	N/A	degrees C
Mud Salinity	24.26	kppm
Formation Fluid Salinity Source	Constant Value	
Formation Fluid Salinity	0.00	kppm
Barite Mud Correction	Not Applied	

Caliper Calibration MPD 083

Base Calibration on 19-JAN-2007 17:31
Field Calibration on 1-FEB-2007,01:34

Base Calibration

Reading No	Measured	Calibrator Size (in)
1	13616	4.00
2	23245	5.96
3	33297	7.98
4	43008	9.86
5	53984	11.88
6	N/A	N/A

Field Calibration

Measured Caliper (in)	Actual Caliper (in)
8.93	8.92

Photo Density Calibration MPD 083

Base Calibration on 19-JAN-2007 17:13
Field Check on 31-JAN-2007 14:10

Density Calibration

Base Calibration	Measured		Calibrated (sdu)	
	Near	Far	Near	Far
Reference 1	56423	19675	53111	19310
Reference 2	26221	2530	24951	2530

Field Check at Base

933.9	1077.9

Field Check

929.6	1075.8

PE Calibration

Base Calibration	Measured			Calibrated
	WS	WH	Ratio	Ratio
Background	173	799		
Reference 1	17880	56227	0.319	0.320
Reference 2	7079	26075	0.273	0.273

Field Check at Base

173.3	798.7

Field Check

173.0	793.5

Density Constants MPD 083

Last Edited on 1-FEB-2007,00:02

Density Source Id	293	
Nylon Calibrator Number	536	
Aluminium/Fe Calibrator Number	536	
Density Shoe Profile	8 inch	
Caliper Source for Processing	Density Caliper	
PE Correction to Density	Not Applied	
Mud Density	1.13	gm/cc
Mud Density Z/A Correction	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

Matrix Density (gm/cc)	Depth (m)
2.71	
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	

Sonic Constants MSS 066

Last Edited on 1-FEB-2007,03:20

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

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	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	0.1980	mVolts
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	0.40	mV
4' Waveform Discriminator Level	0.40	mV
5' Waveform Discriminator Level	0.25	mV
6' Waveform Discriminator Level	0.25	mV
3' Waveform Filter	None	
4' Waveform Filter	None	
5' Waveform Filter	None	
6' Waveform Filter	None	
Semblance Level	0.50	
Semblance Window Width	120.00	micro-sec
Sonic 1 Despiker	30.48	micro-sec/ft
Sonic 2 Despiker	30.48	micro-sec/ft

SP Calibration MLE 029

Field Calibration on 31-JAN-2007 14:29

	Measured	Calibrated (mV)
Reference 1	83.8	82.0
Reference 2	-80.0	-82.0

Laterolog Calibration MLE 029

Base Calibration on 19-JAN-2007 09:50
Field Check on 31-JAN-2007 14:00

Base Calibration

	Measured		Calibrated (ohm-m)	
Channel	Resistor 1	Resistor 2	Resistor 1	Resistor 2
Shallow	9.8	976.8	13.3	1327.3
Deep	10.2	976.8	8.5	852.7
Groningen	9.9	976.6	8.5	852.7

Channel	Base Check (ohm-m)	Field Check (ohm-m)
Shallow	48.9	48.9
Deep	31.0	31.0
Groningen	251.1	251.1

Laterolog Constants MLE 029

Last Edited on 1-FEB-2007,00:06

Squasher Start	40000	ohm-m
Shallow Laterolog K Factor	1.3273	
Deep Laterolog K Factor	0.8527	
Groningen Laterolog K Factor	0.8527	
Interference Rejection	50 Hz	
SP Connection	SP Bridle Electrode	
Groningen Connection	Groningen Electrode	
Borehole Correction Constants		
Stand-off	Centered	
Caliper Source	Bit Size	
Hole Size	N/A	inches
Mud Resistivity Source	Constant Value	
Temp. for Rm Corr.	N/A	

Micro Laterolog Calibration MMR 042

Base Calibration on 19-JAN-2007 12:01
Field Check on 31-JAN-2007 13:58

Base Calibration

Measured		Calibrated (ohm-m)	
Ref 1	Ref 2	Ref 1	Ref 2
9.7	985.9	0.1	12.8

Base Check (ohm-m)	Field Check (ohm-m)
5.2	5.2

Micro Laterolog Constants MMR 042

Last Edited on 1-FEB-2007,03:11

Micro Laterolog K Factor	0.0128	
Standoff Offset	N/A	inches
Borehole Correction Constants		

Mud Cake Source	Constant Value	
Mud Cake Thickness	0.0000	inches
Mud Cake Thickness Caliper	N/A	
Mud Cake Resistivity	0.1500	ohm-m

COMPANY	KAROON GAS PTY. LTD.
WELL	MEGASCOLIDES-2
FIELD	WILDCAT
PROVINCE/COUNTY	VICTORIA
COUNTRY/STATE	AUSTRALIA

Elevation Kelly Bushing	156.50	metres	First Reading	2132.00	metres
Elevation Drill Floor	156.20	metres	Depth Driller	2130.00	metres
Elevation Ground Level	151.00	metres	Depth Logger	2132.85	metres

PRECISION ENERGY SERVICES

DLL - MLL - GR -SONIC

DENSITY - NEUTRON

1:500