



**COMPLETION
& PRODUCTION
SERVICES CO.**

**DUAL
INDUCTION
LOG**

Company	JASON OIL COMPANY, LLC	Company	JASON OIL COMPANY, LLC
Well	STEINLE NO. 1	Well	STEINLE NO. 1
Field	TRAPP	Field	TRAPP
County	BARTON	County	BARTON
State	KANSAS	State	KANSAS
Location:	API # : 15-009-25780-00 E2 - NW - SW - SE 990' FSL & 2040' FEL		Other Services CNL/CDL MEL
Permanent Datum	SEC 3	TWP 16S	RGE 14W
Log Measured From	GROUND LEVEL	Elevation	1905
Drilling Measured From	KELLY BUSHING 7' A.G.L.	K.B. 1912 D.F. 1910 G.L. 1905	
Date	11/24/2012		
Run Number	ONE		
Depth Driller	3450		
Depth Logger	3451		
Bottom Logged Interval	3449		
Top Log Interval	0		
Casing Driller	8 5/8" @ 431'		
Casing Logger	430		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3/55	CHLORIDES 3500 PPM	
pH / Fluid Loss	9.0/9.2		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.7 @ 70F		
Rmf @ Meas. Temp	.56 @ 70F		
Rmc @ Meas. Temp	.84 @ 70F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.44 @ 111F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	8:30 A.M.		
Maximum Recorded Temperature	111 F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	MIKE GARRISON		
Witnessed By	JEFF LAWLER		

<<< Fold Here >>>

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 interpretation, and we shall not, except in the case of gross or willful 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 set out in our current Price Schedule.

Comments

THANK YOU FOR USING NABORS COMPLETION & PRODUCTION SVCS. (785) 628-6395

DIRECTIONS:

RUSSELL, SOUTH TO BARTON COUNTY LINE, 1 SOUTH, 1/2 WEST, NORTH INTO

Database File:

40010137.db

Dataset Pathname:

pass3.1

Presentation Format:

_dil2

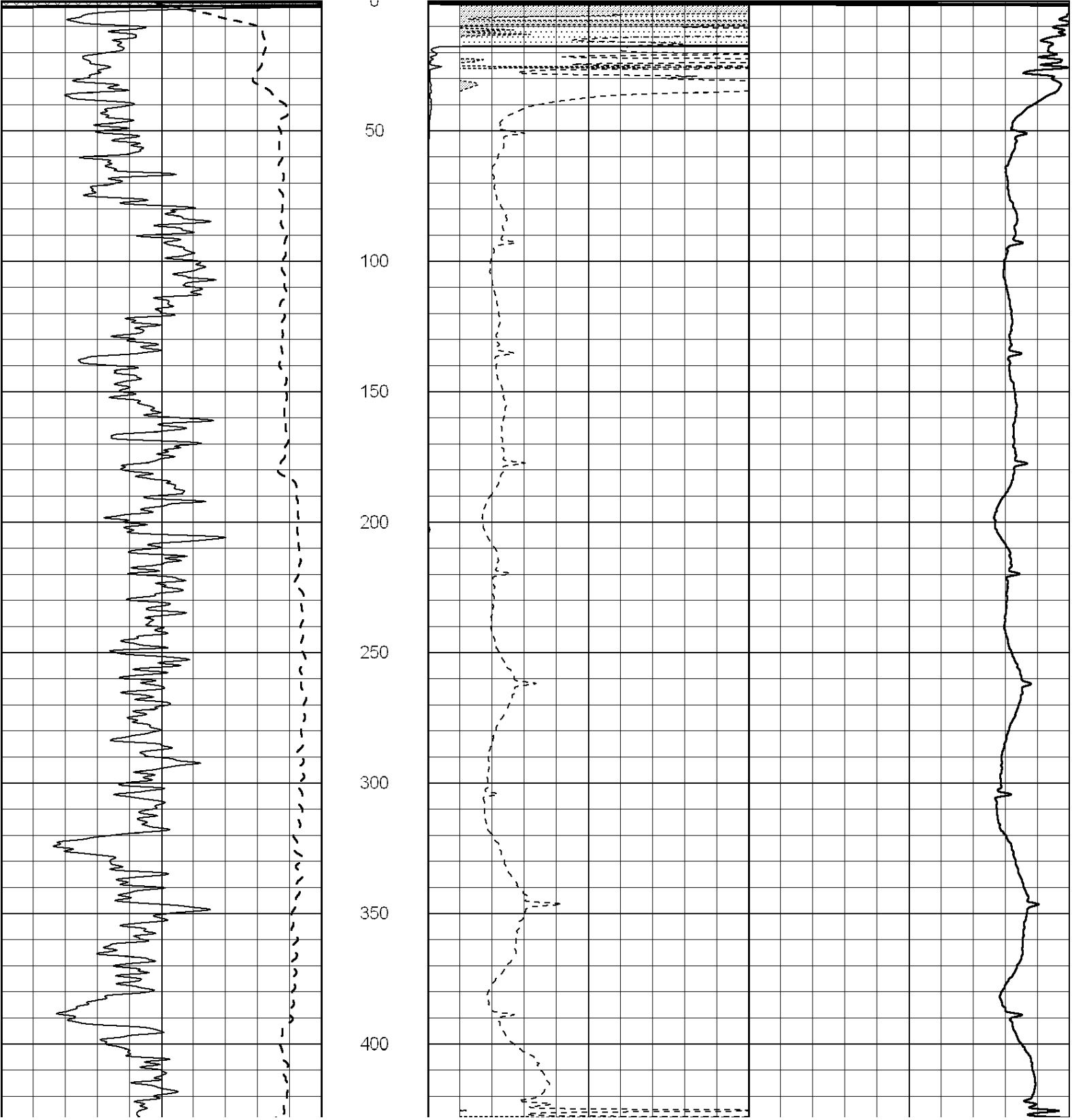
Dataset Creation:

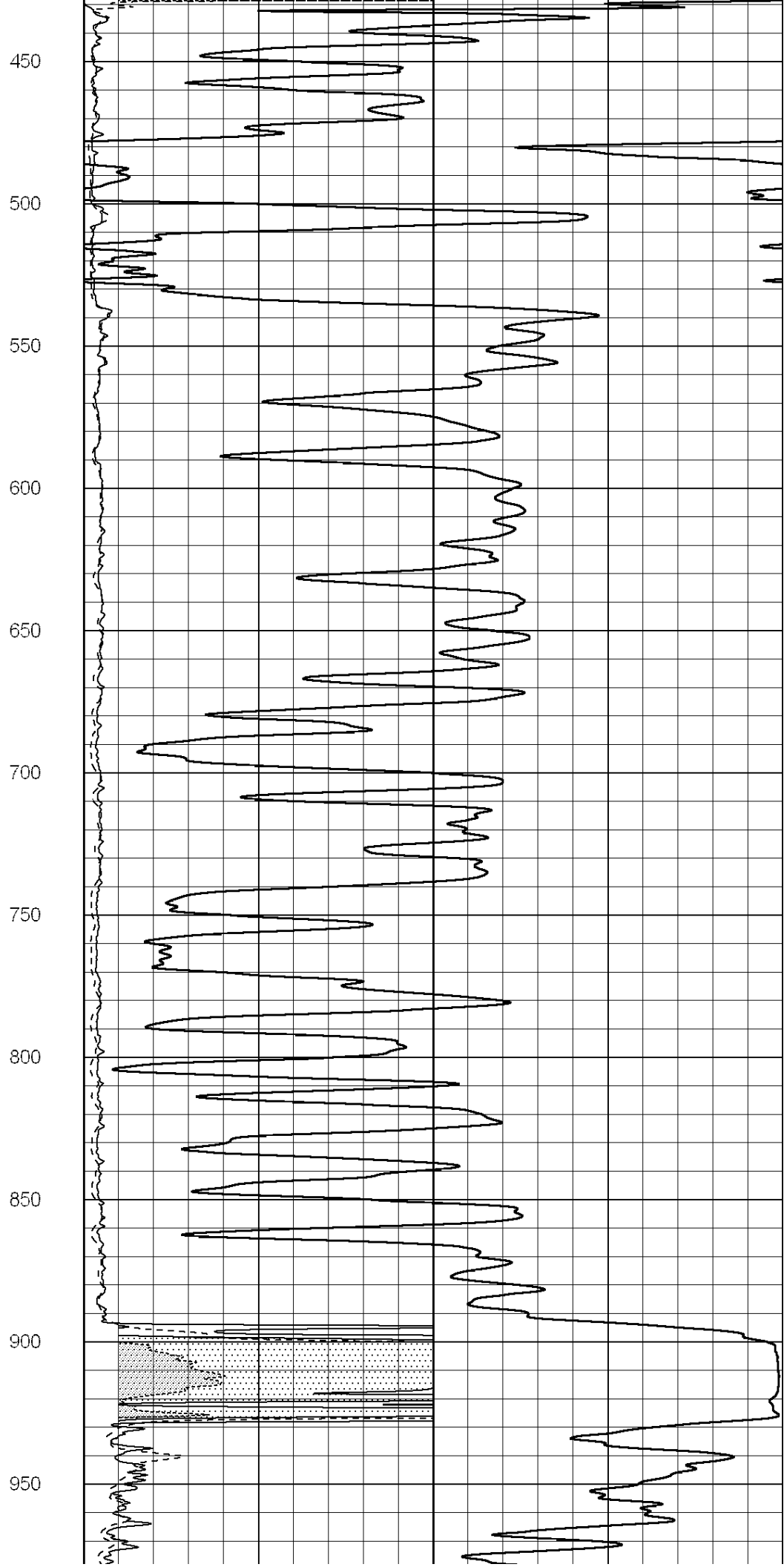
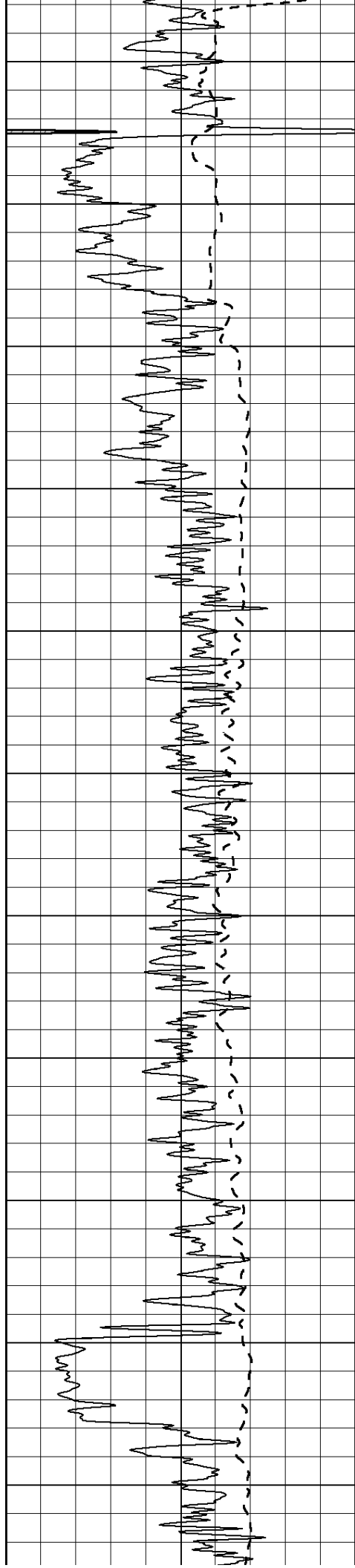
Sat Nov 24 10:07:15 2012 by Calc Open-Cased 090629

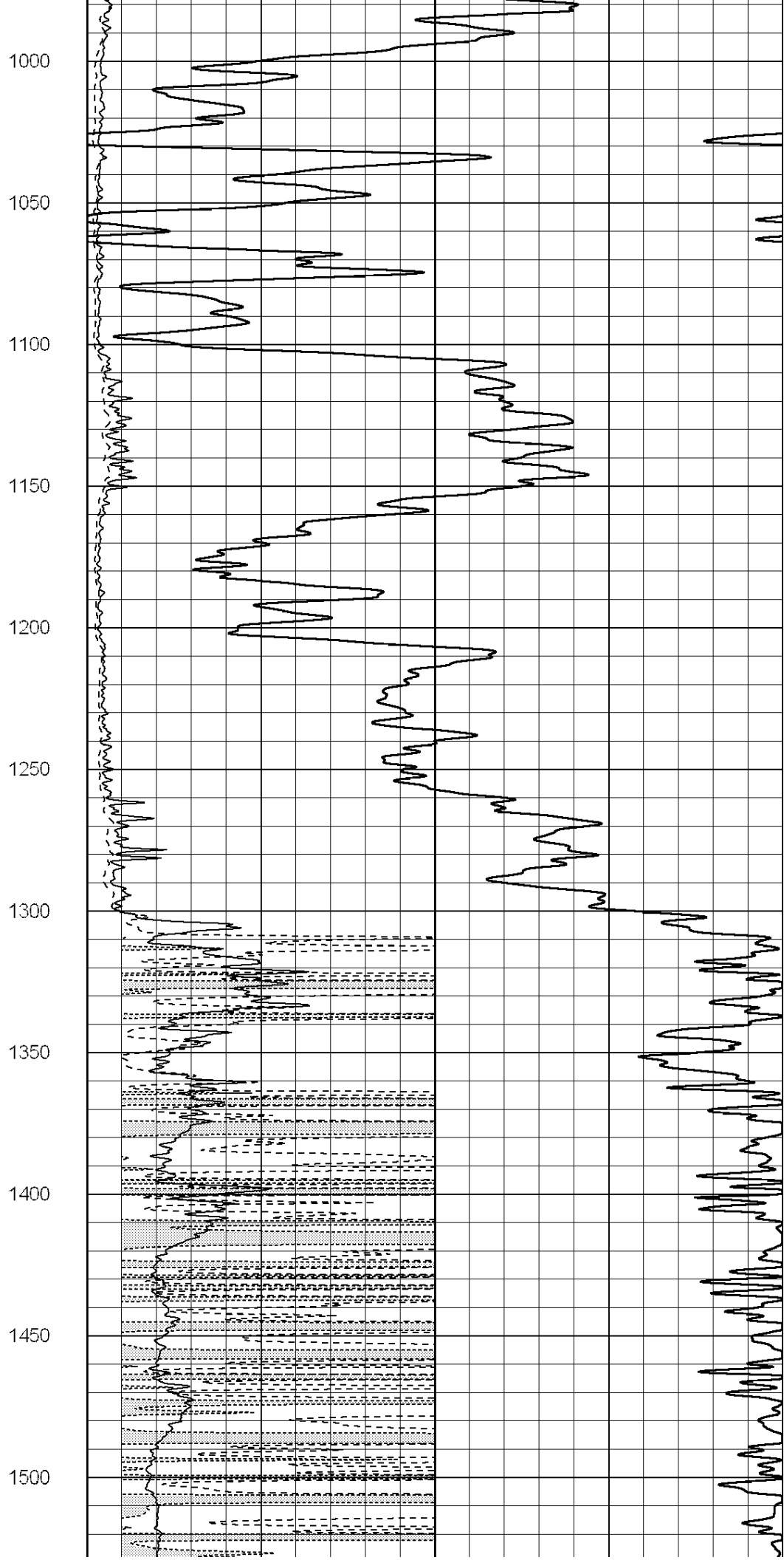
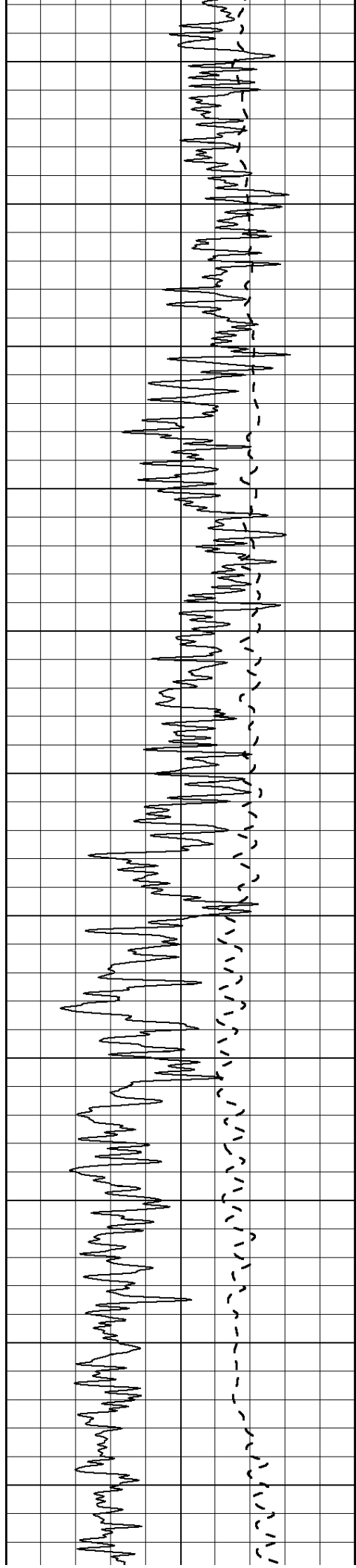
Charted by:

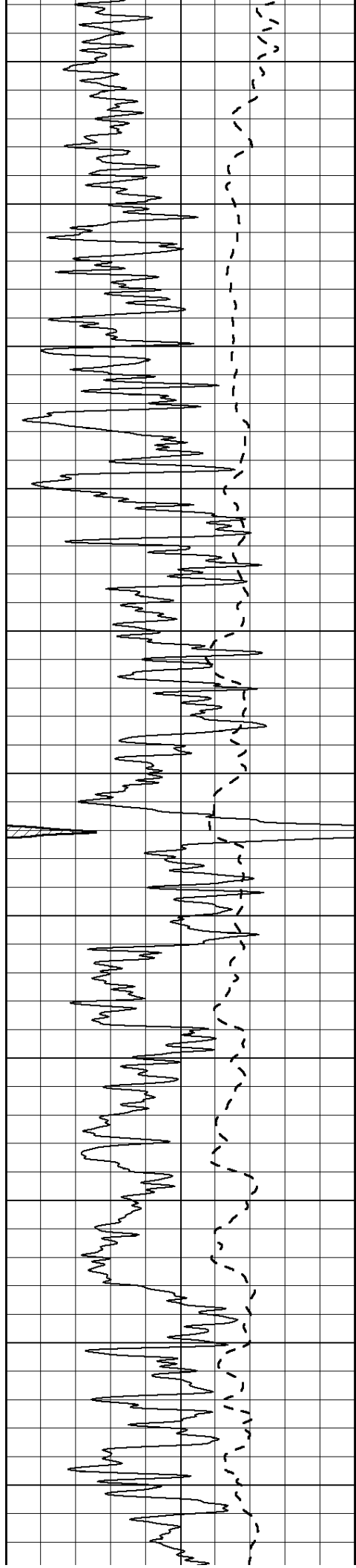
Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	150	0	RLL3 (Ohm-m)	50
-100	SP (mV)	100	0	Deep Induction (Ohm-m)	50
-----			1000	CILD (mmho/m) 0	
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500
-----			-----		

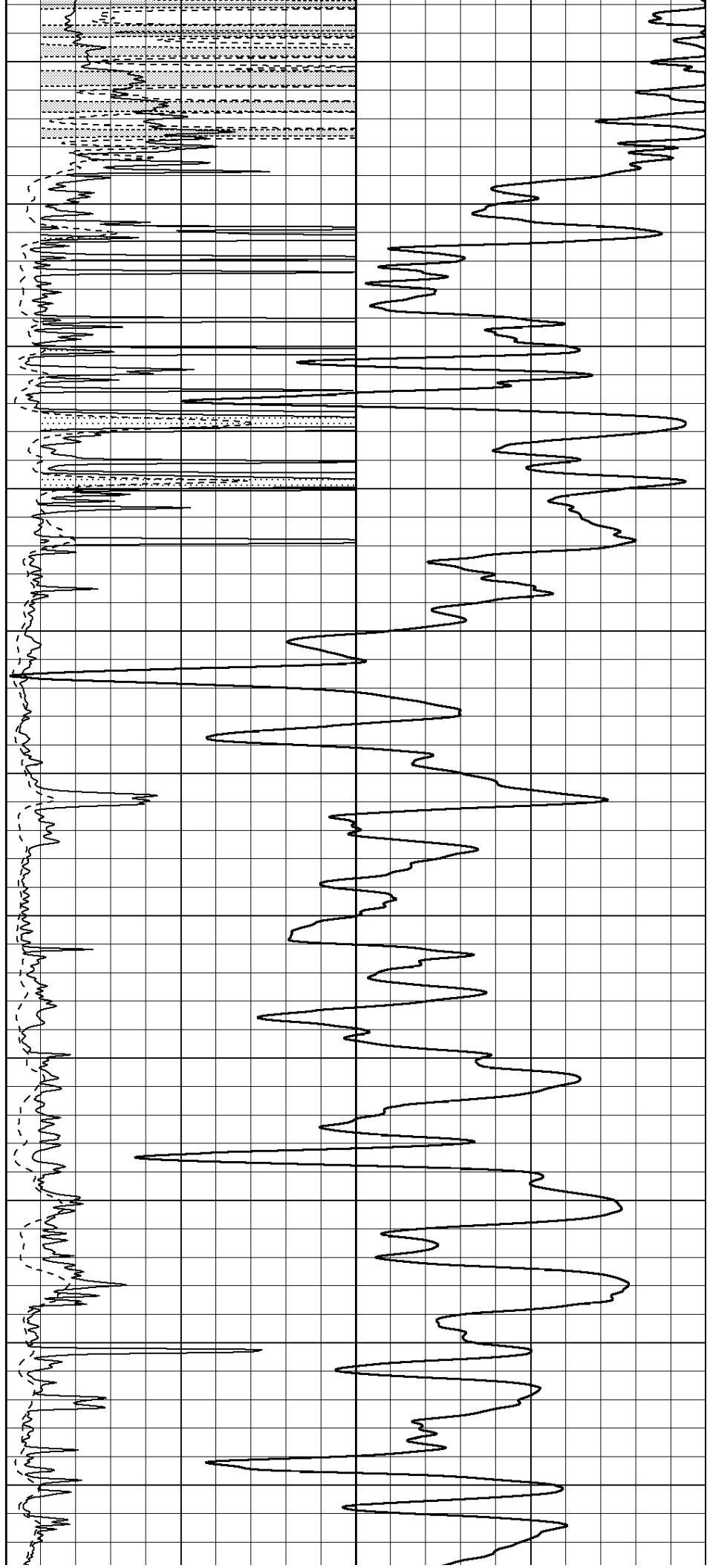


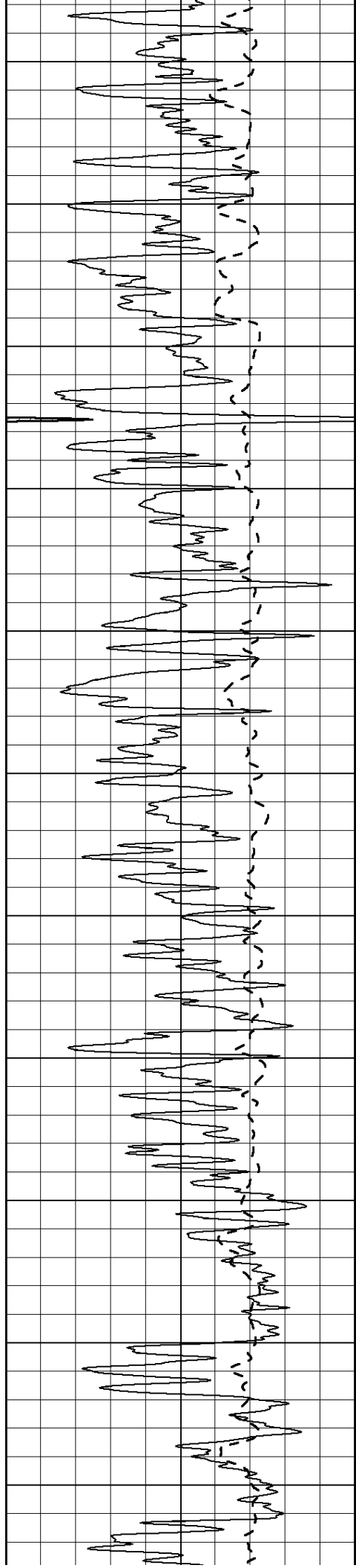






1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050





2100

2150

2200

2250

2300

2350

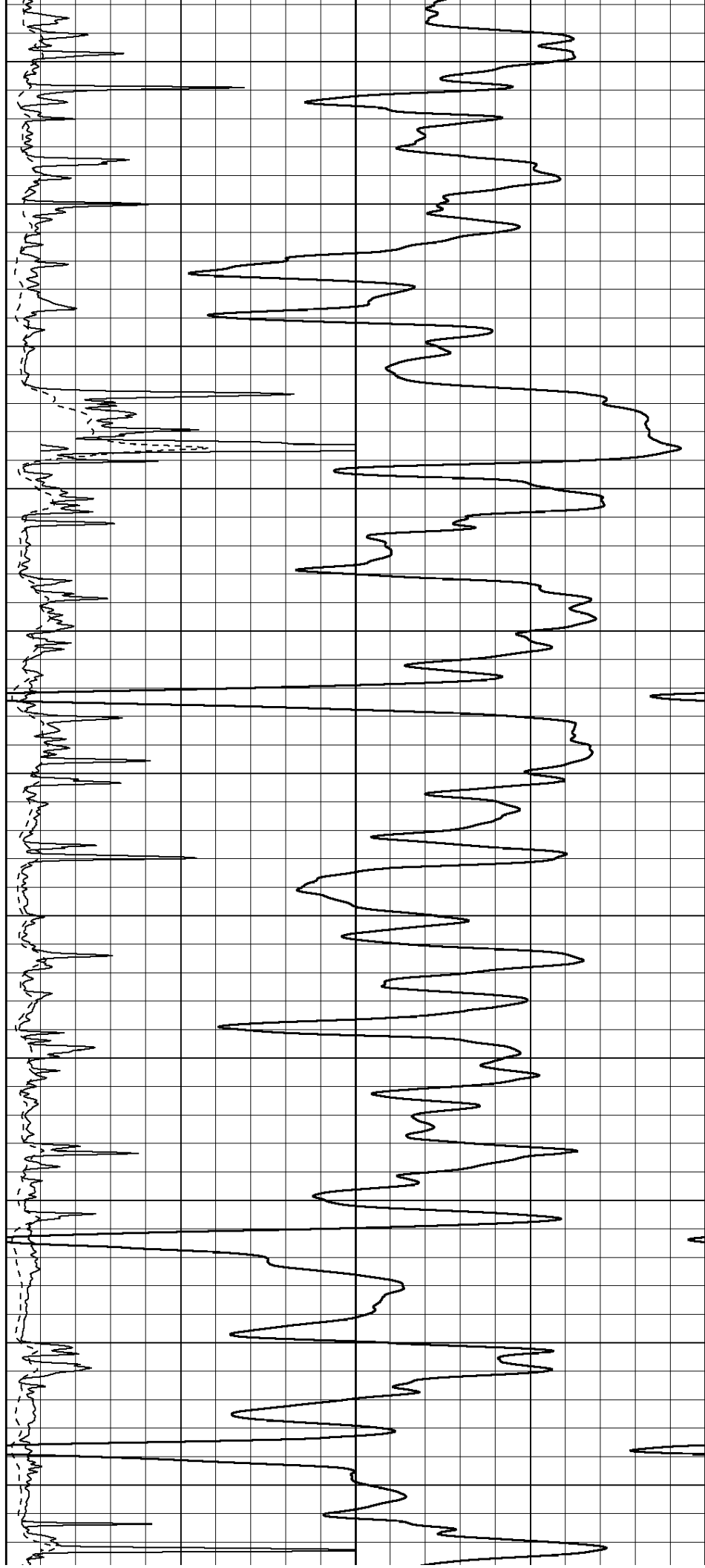
2400

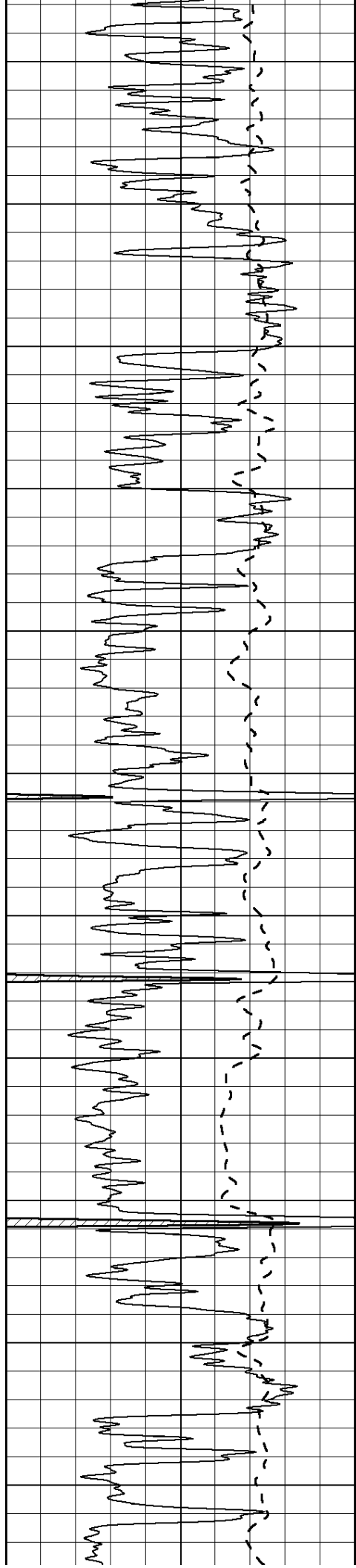
2450

2500

2550

2600





2650

2700

2750

2800

2850

2900

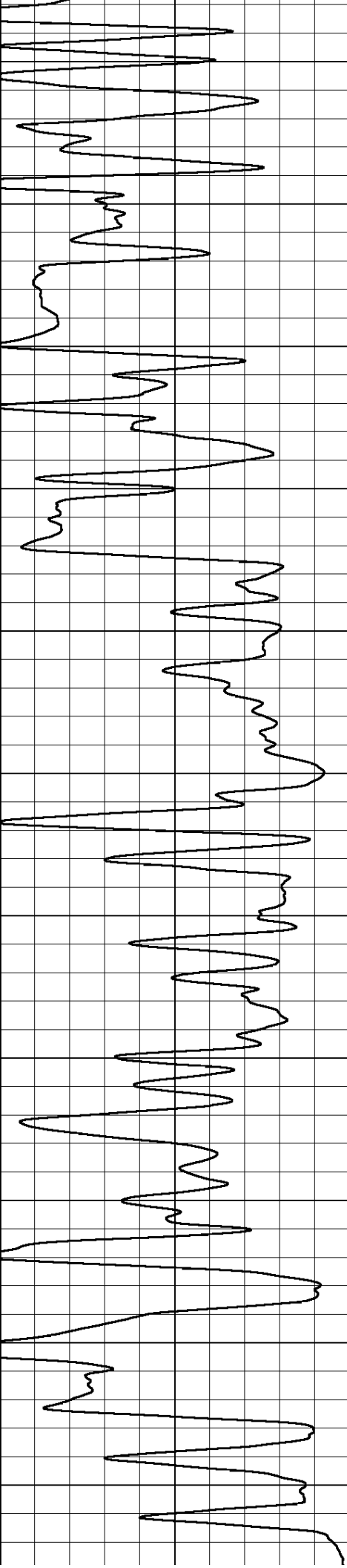
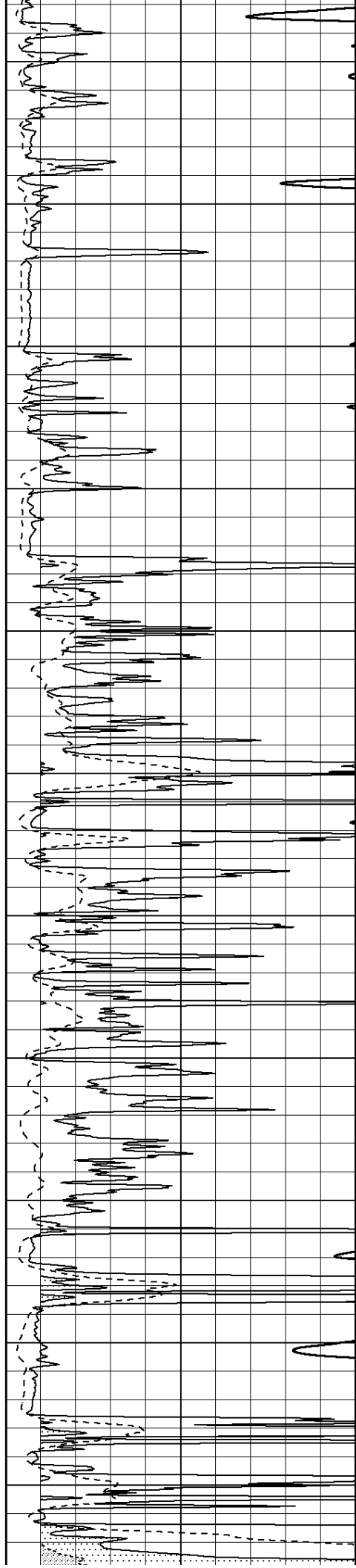
2950

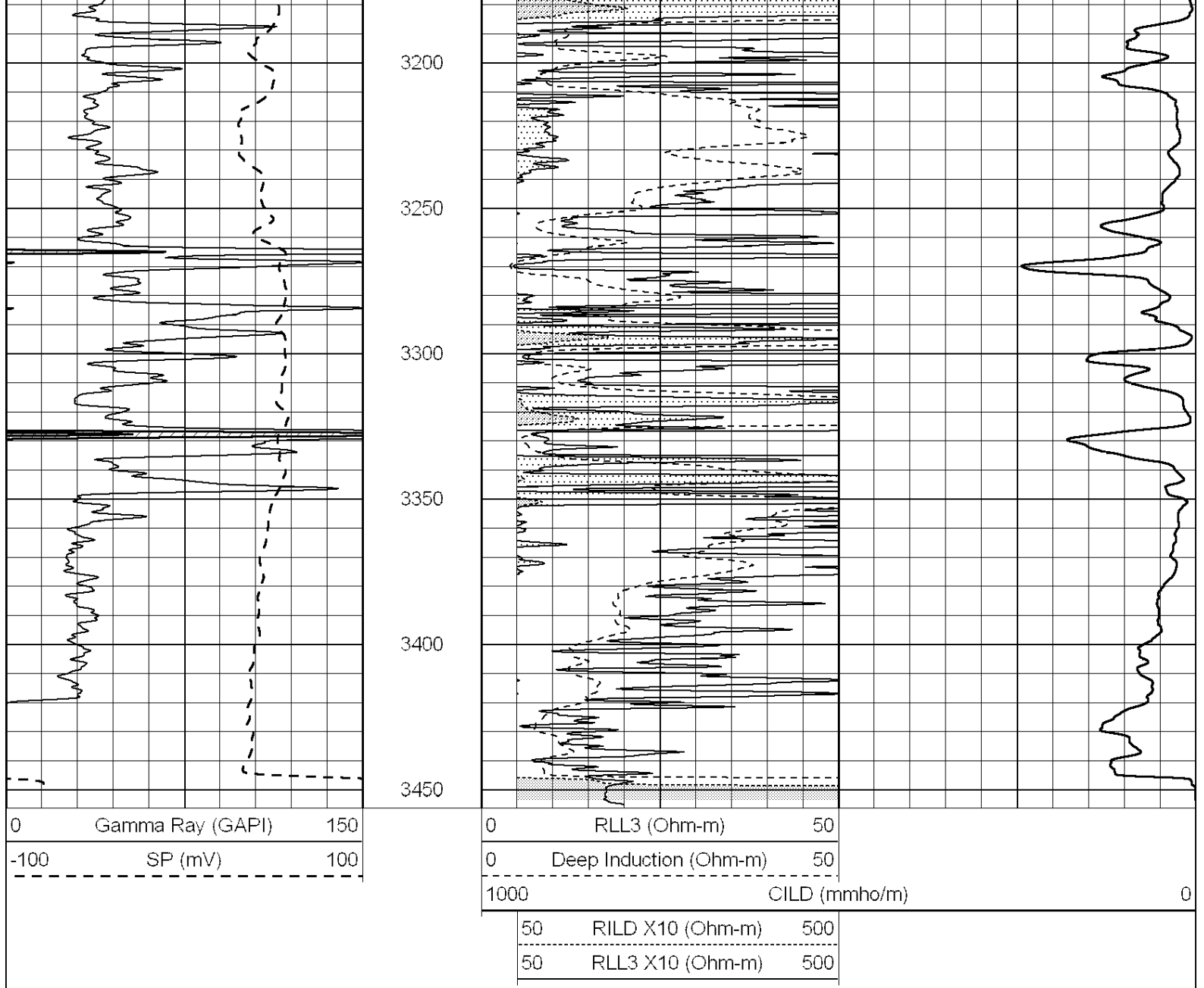
3000

3050

3100

3150





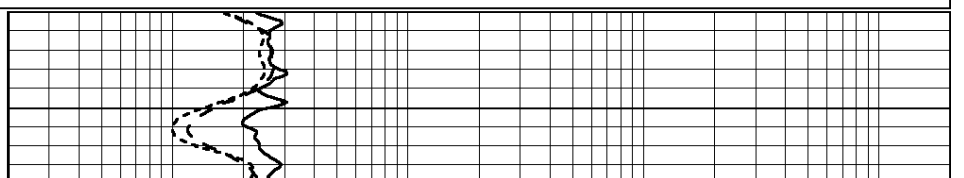
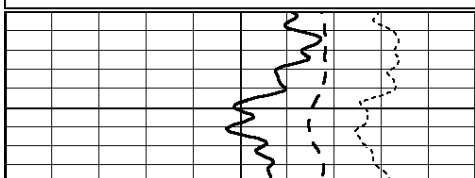
NABORS
COMPLETION
& PRODUCTION
SERVICES CO.

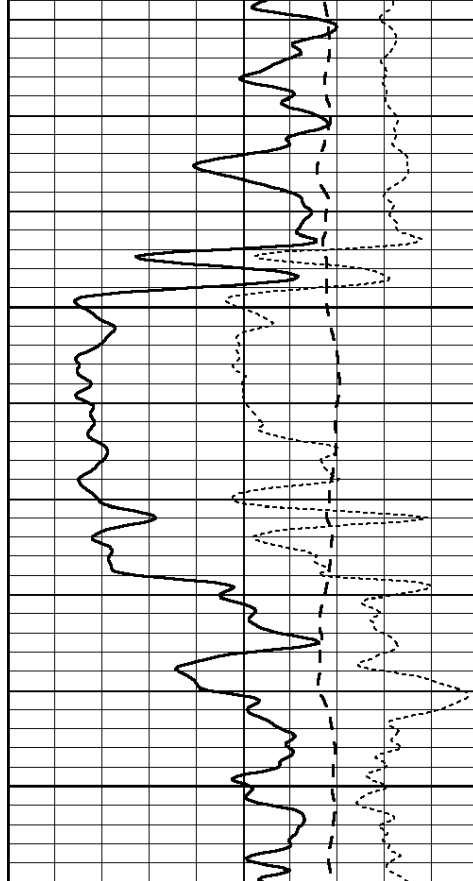
MAIN SECTION

Database File: 40010137.db
Dataset Pathname: pass3.1
Presentation Format: _dil
Dataset Creation: Sat Nov 24 10:07:15 2012 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

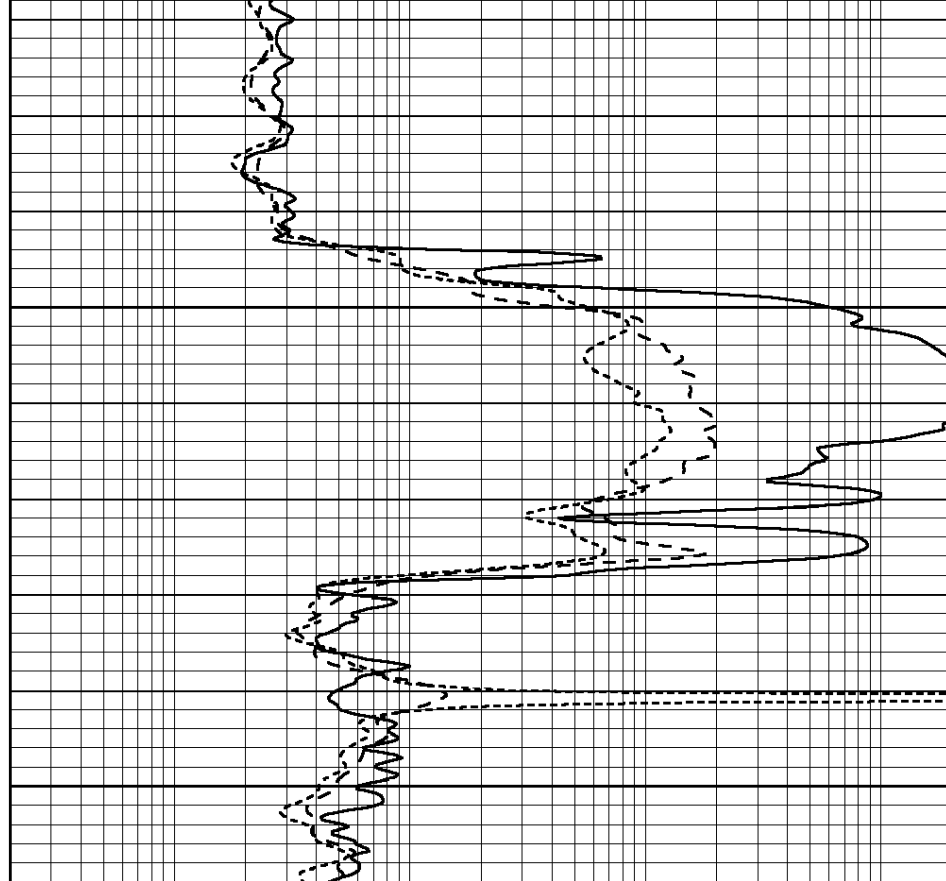




0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

900

950



0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000



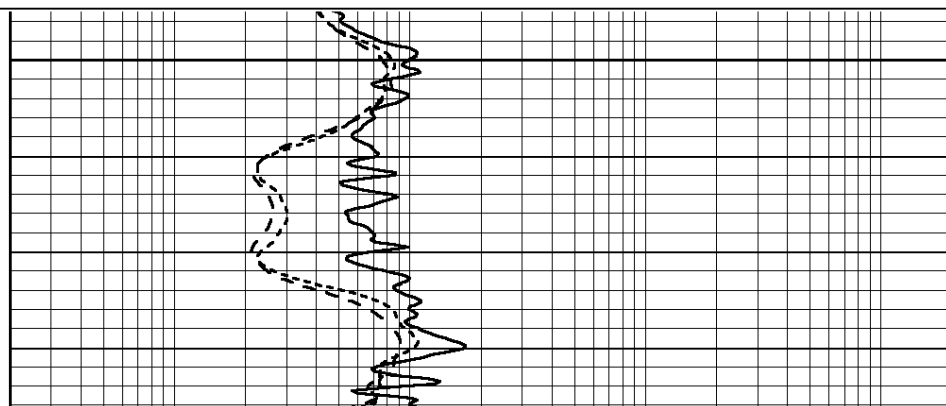
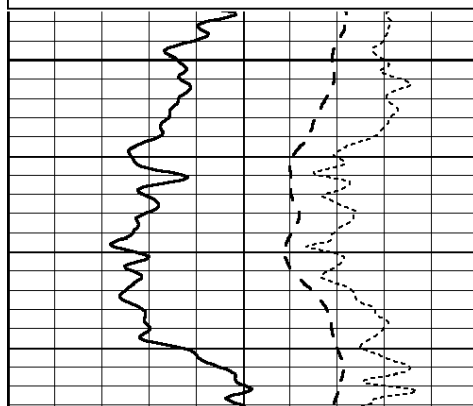
MAIN SECTION

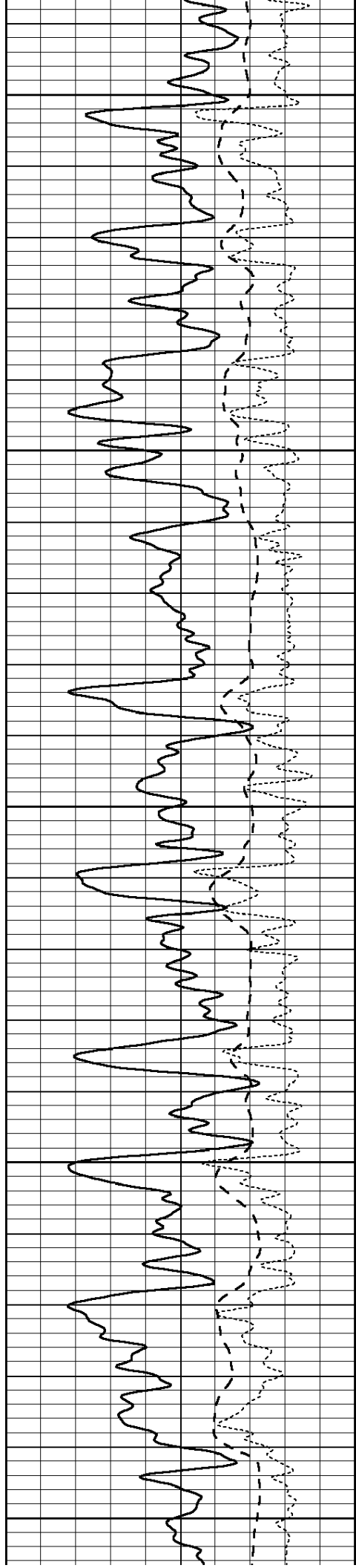
Database File: 40010137.db
 Dataset Pathname: pass3.1
 Presentation Format: _dil
 Dataset Creation: Sat Nov 24 10:07:15 2012 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

1950





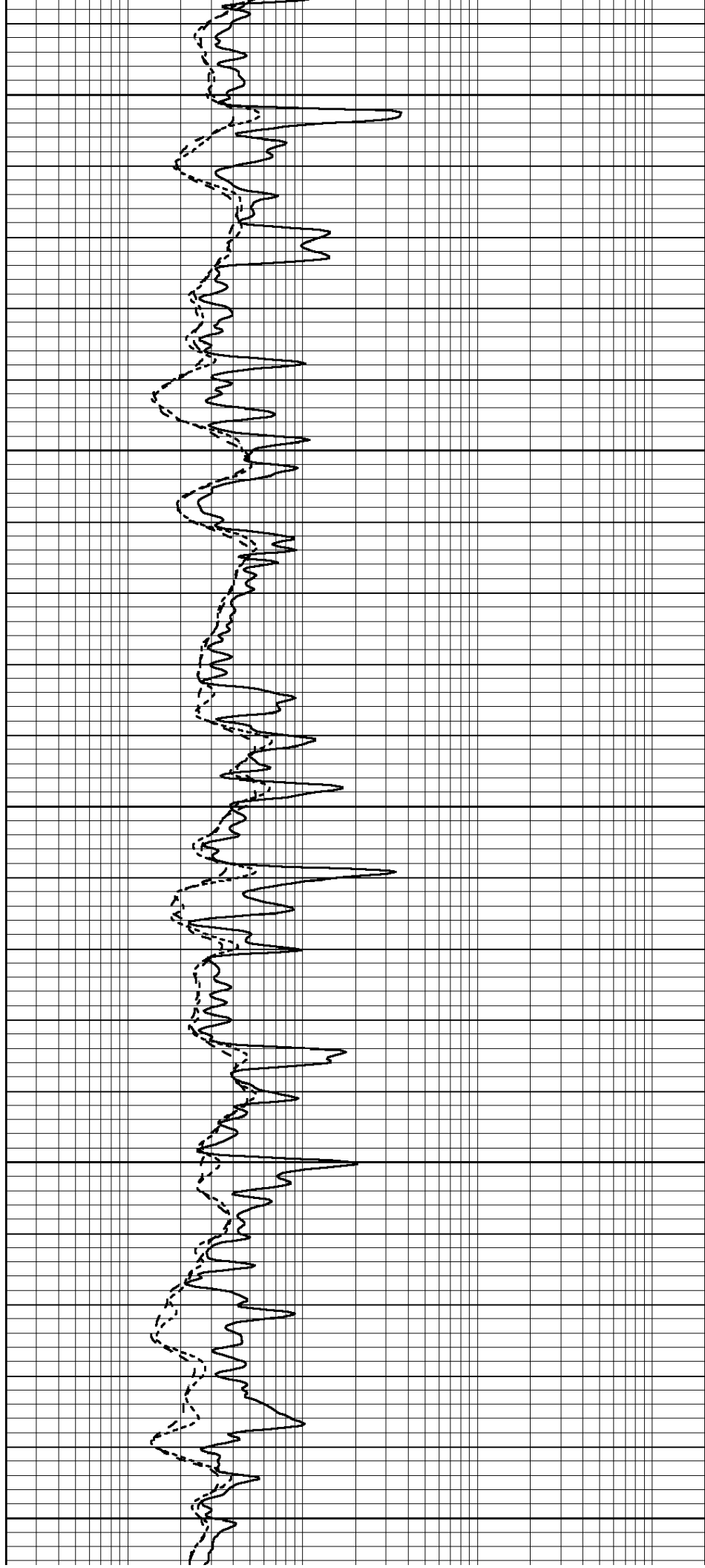
2000

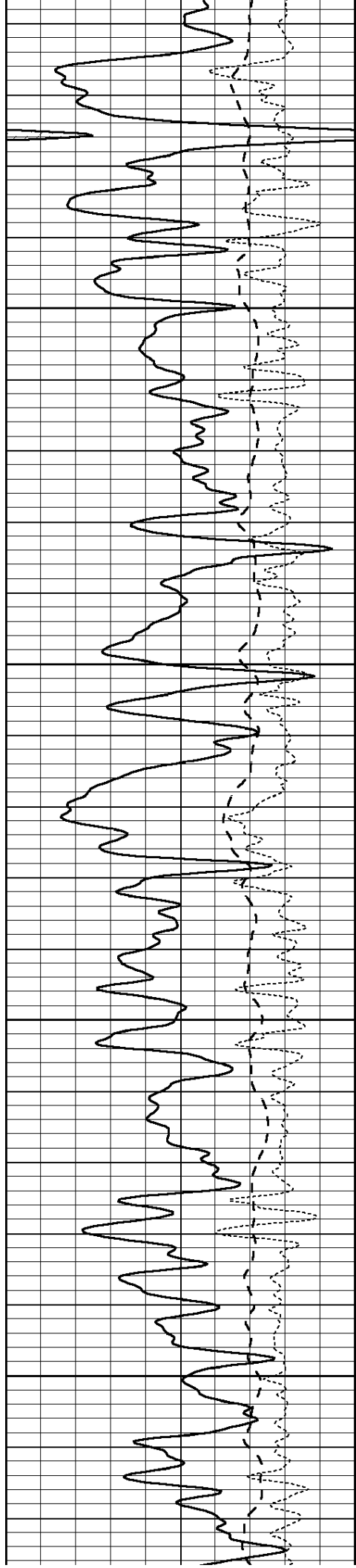
2050

2100

2150

2200



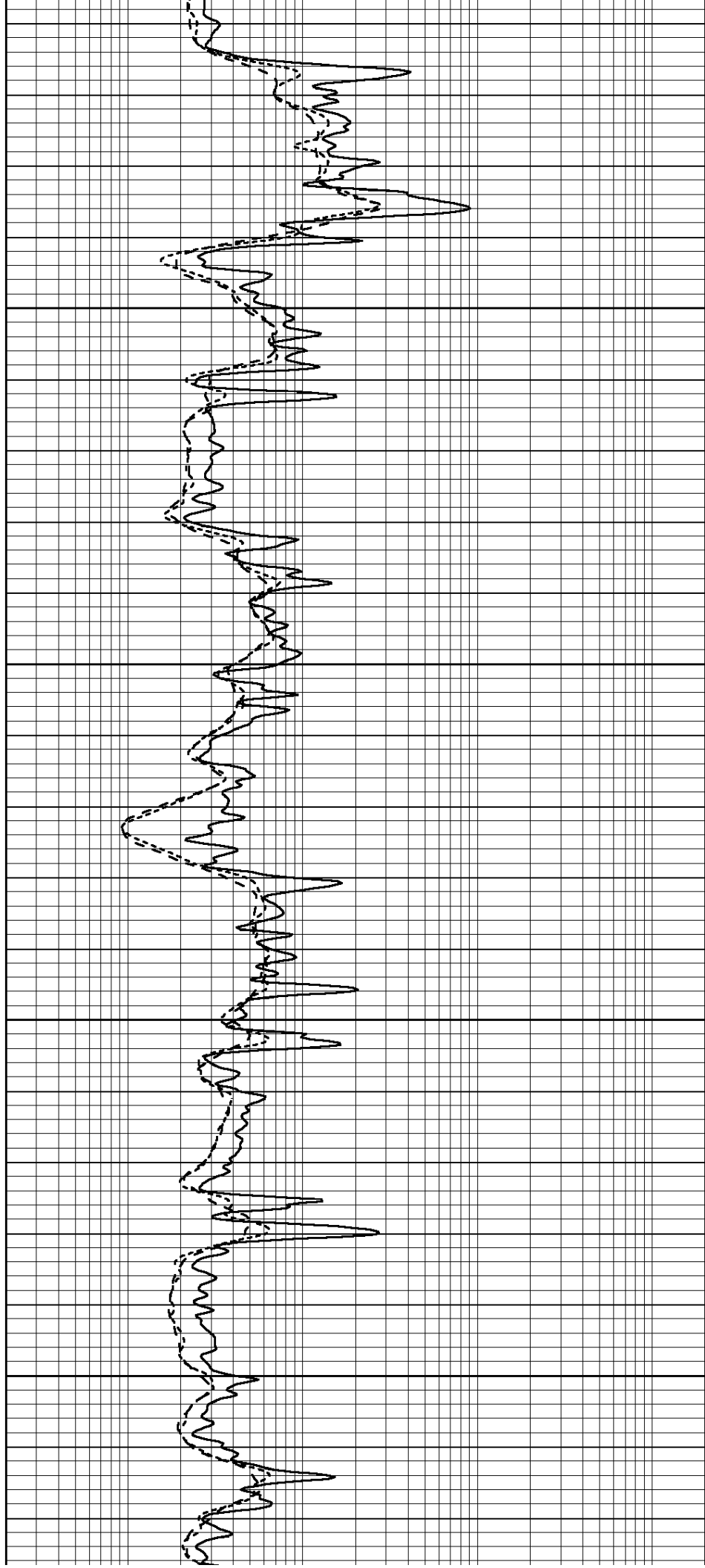


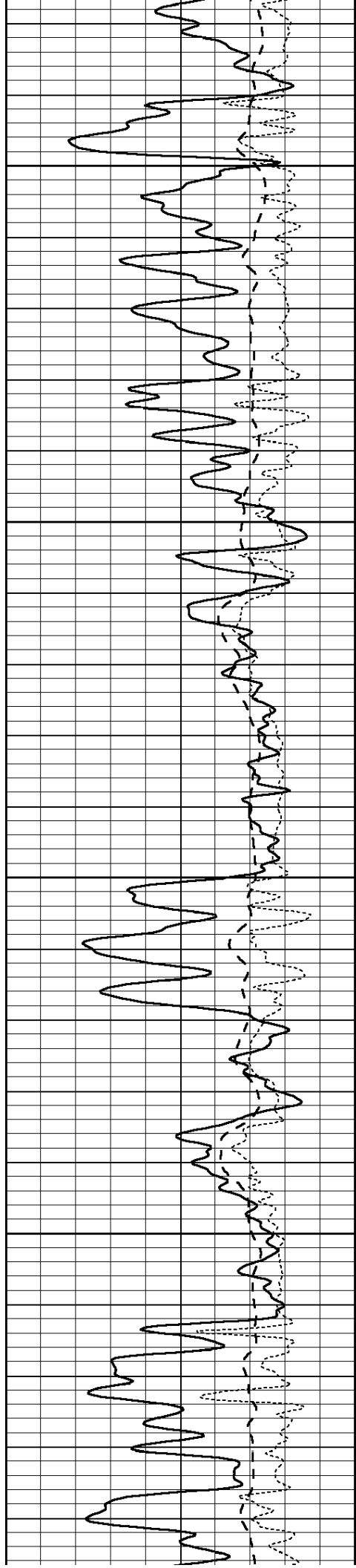
2250

2300

2350

2400



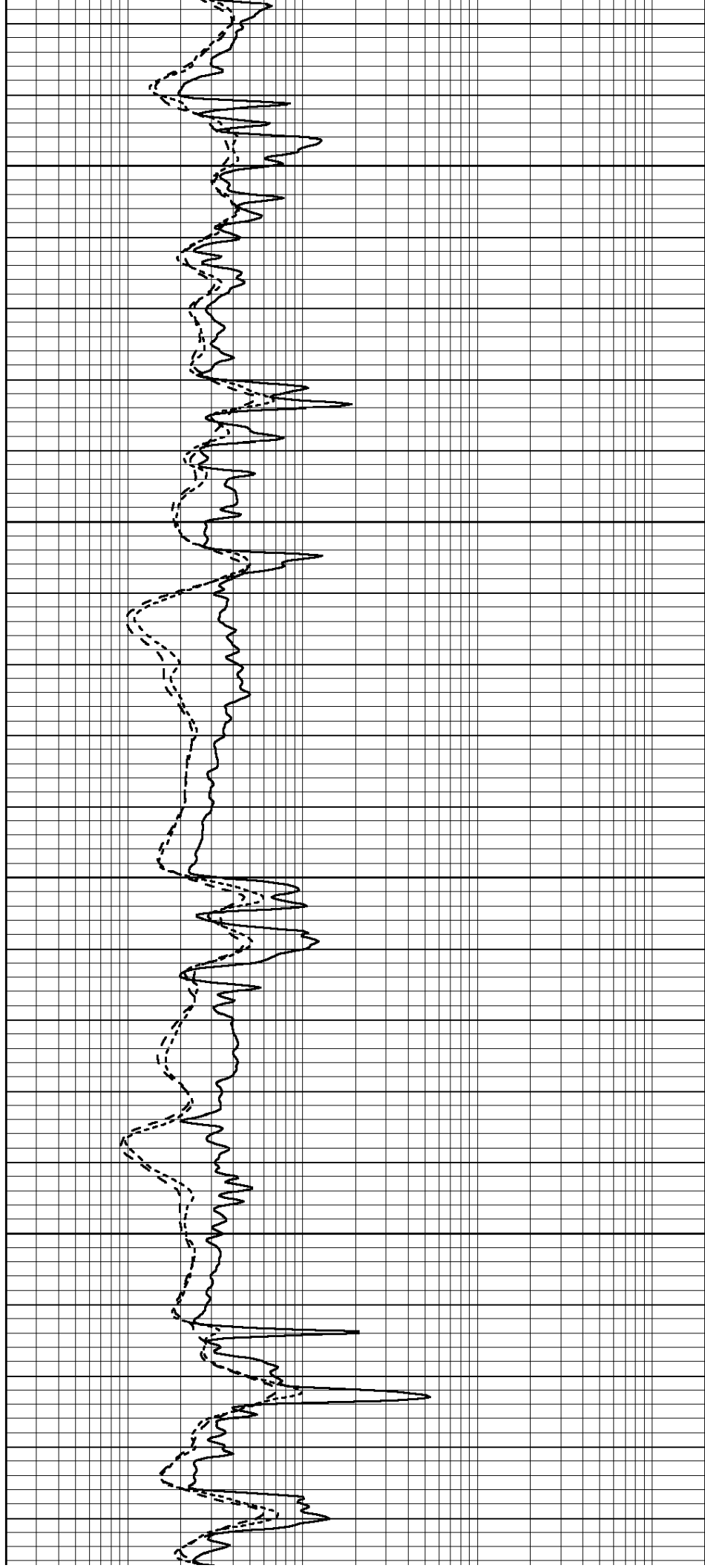


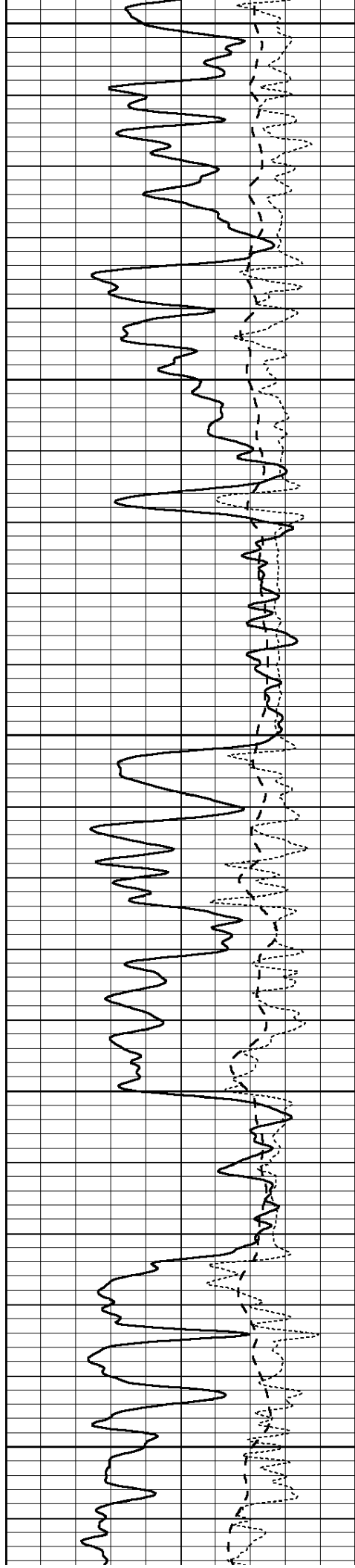
2450

2500

2550

2600





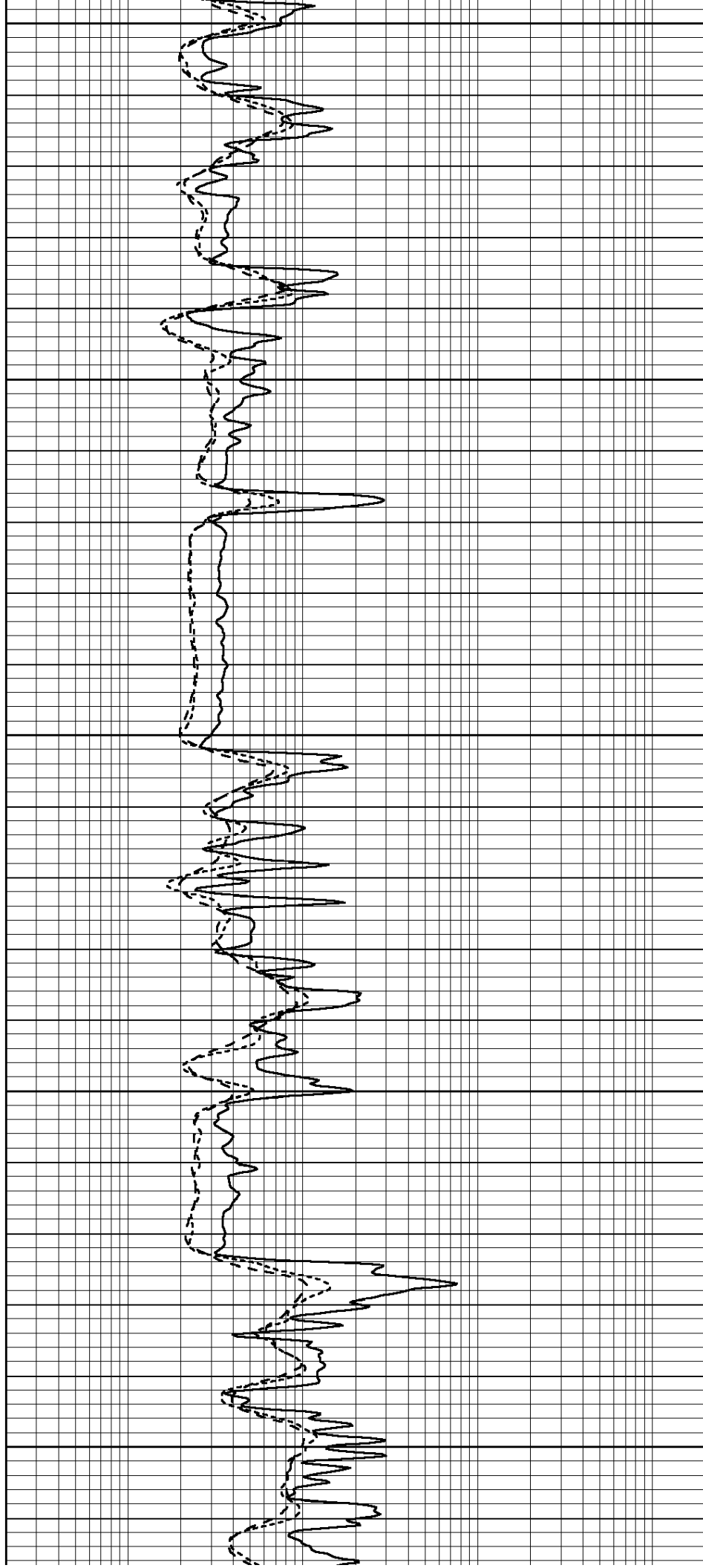
2650

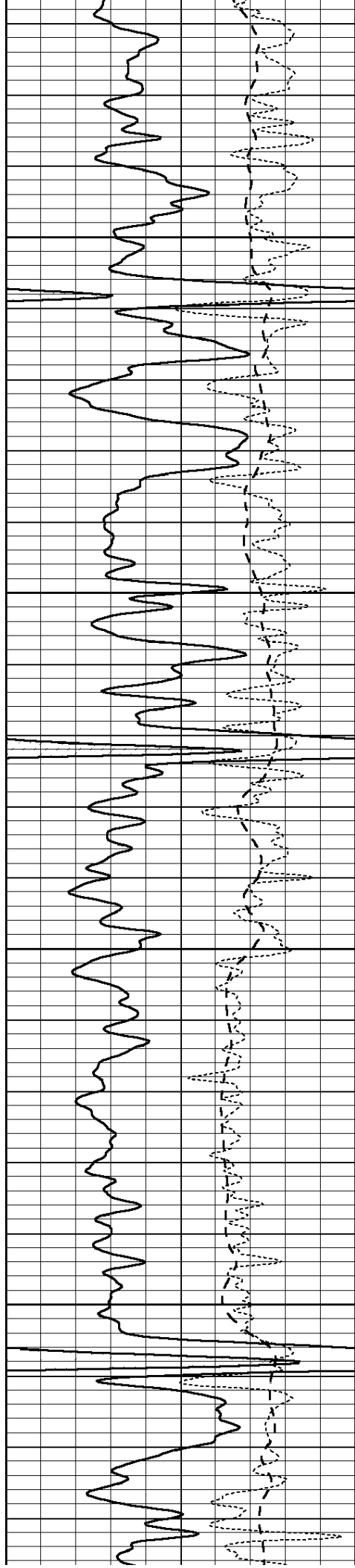
2700

2750

2800

2850



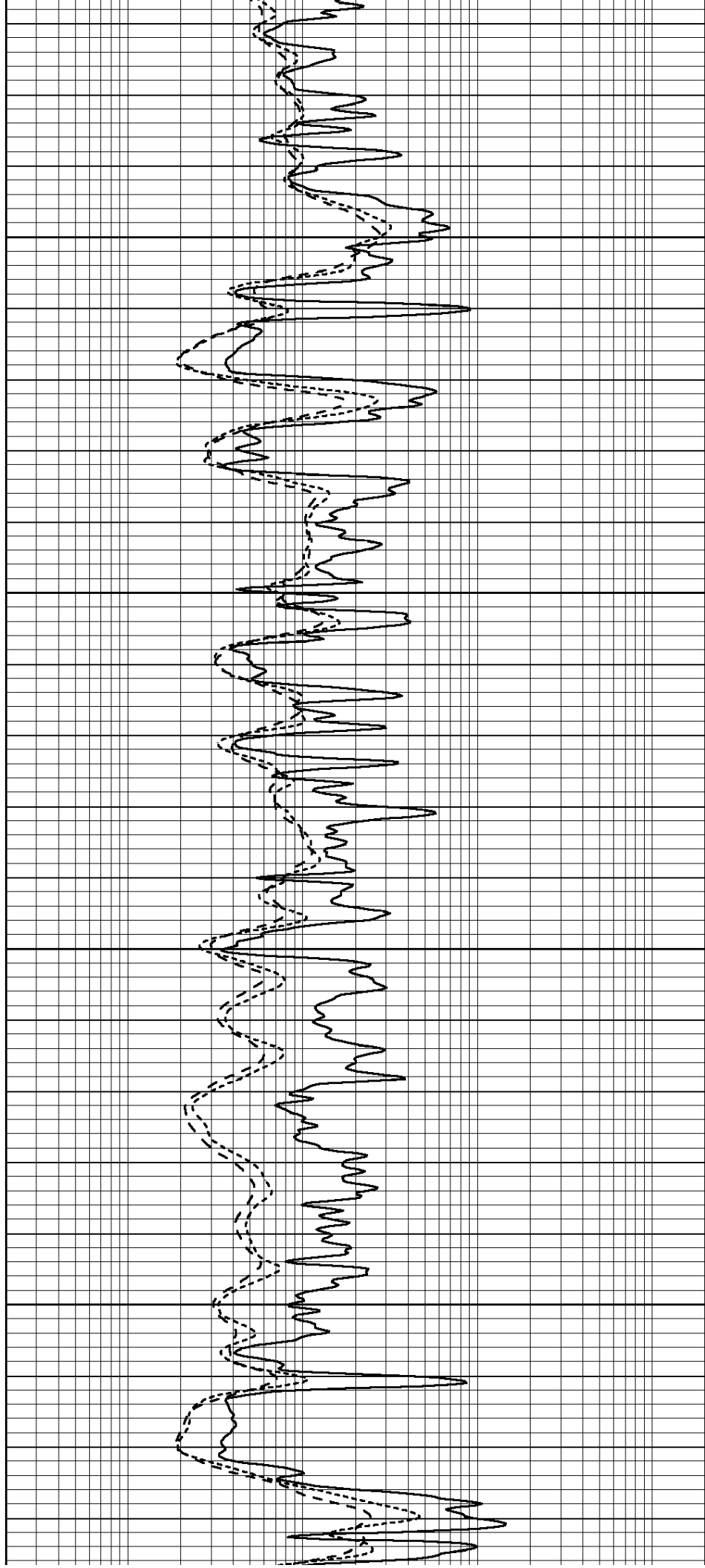


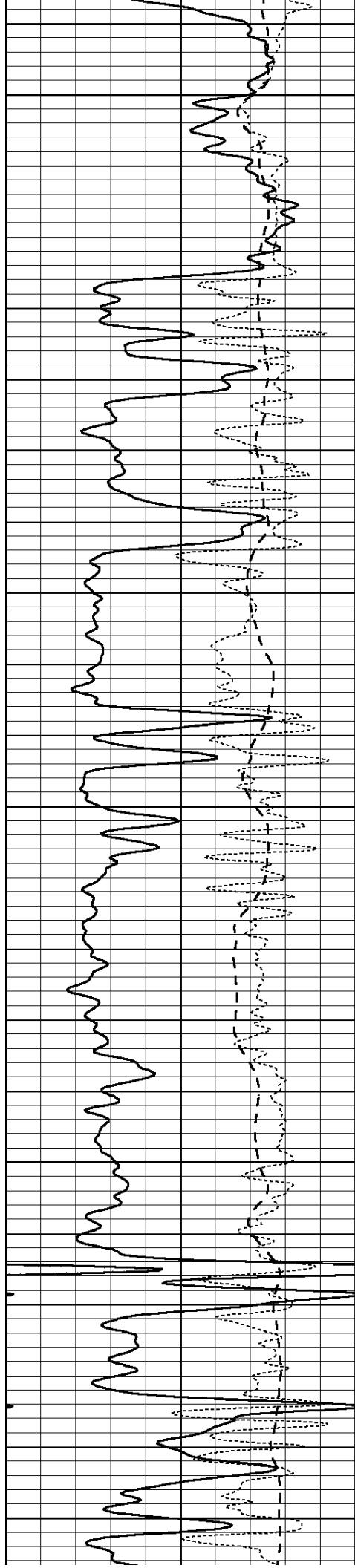
2900

2950

3000

3050





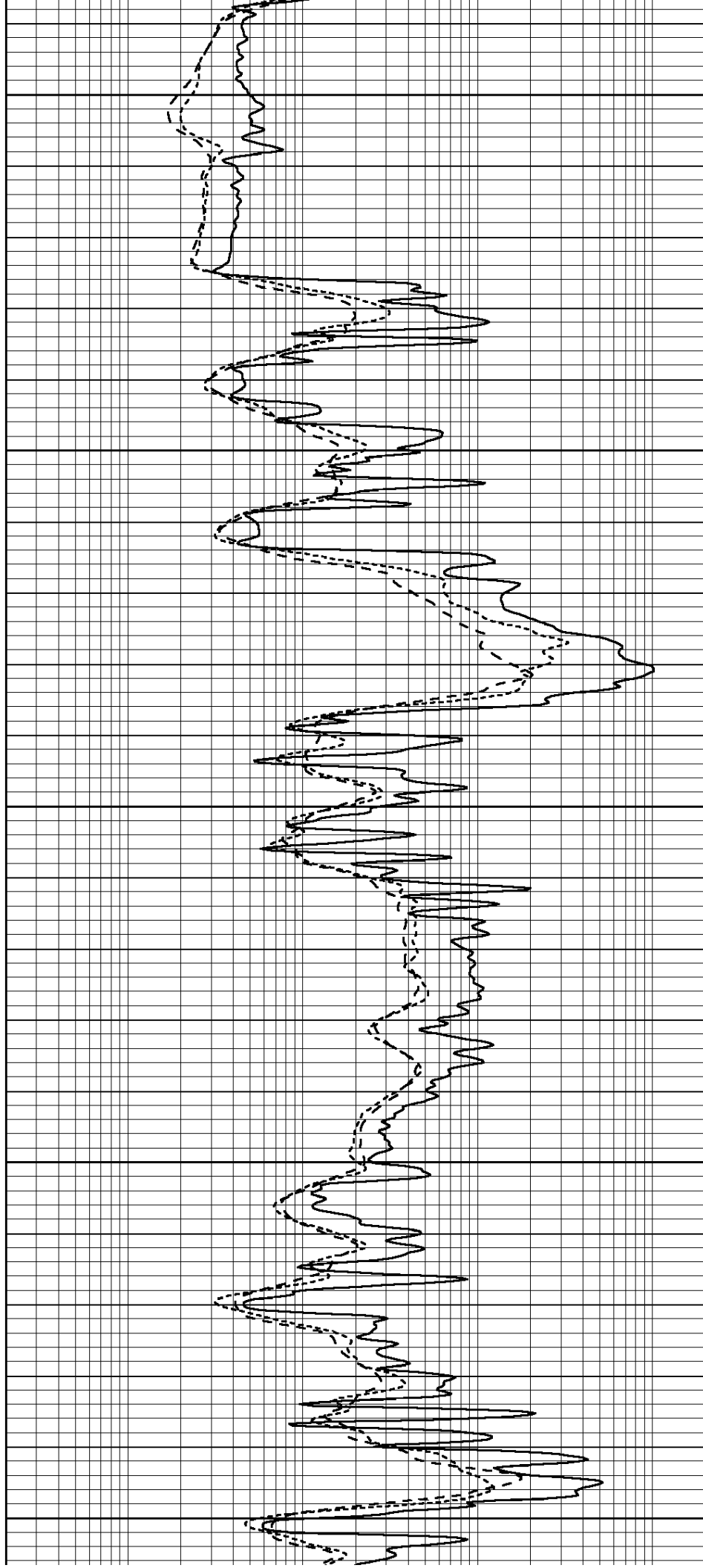
3100

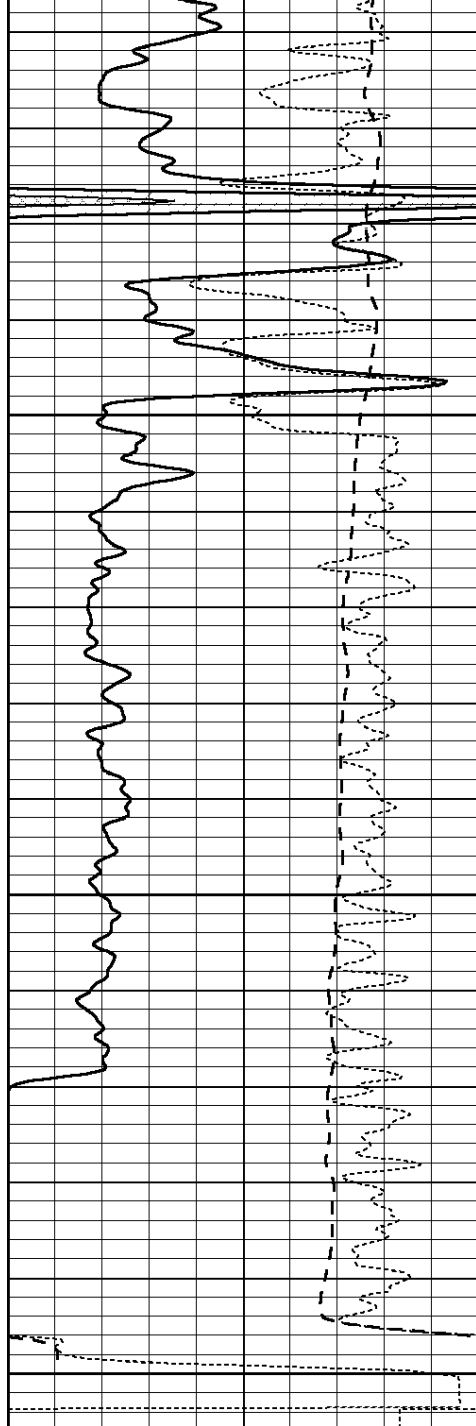
3150

3200

3250

3300



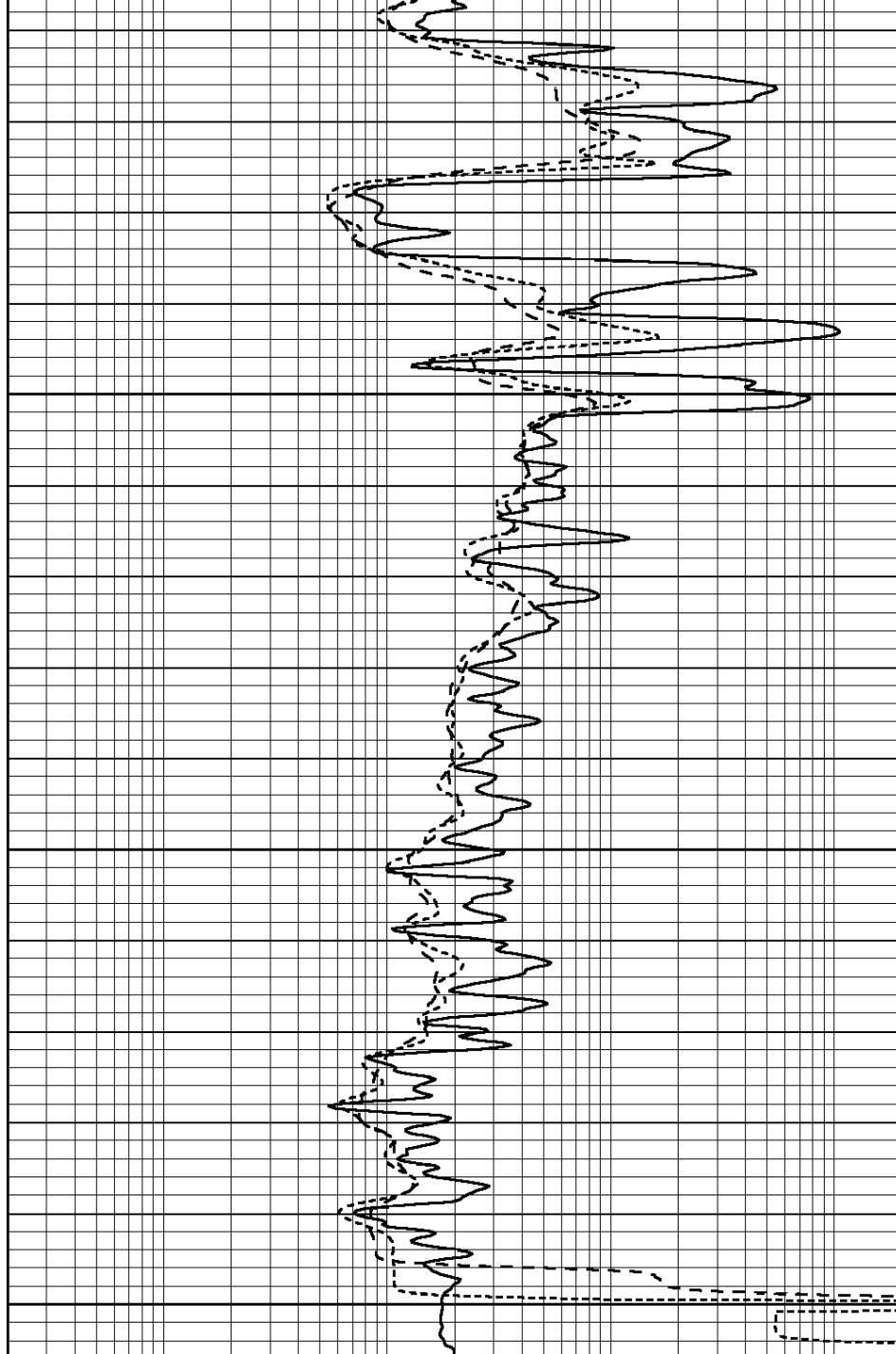


3350

3400

3450

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50



0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000



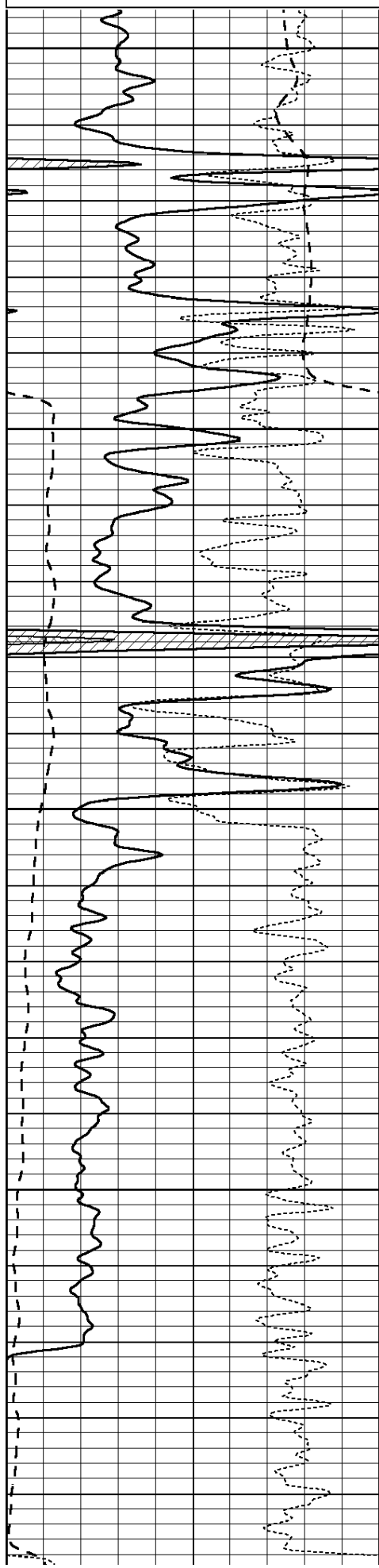
REPEAT SECTION

Database File: 40010137.db
 Dataset Pathname: pass2.1
 Presentation Format: _dil
 Dataset Creation: Sat Nov 24 09:42:24 2012 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
---	------------------	-----

0.2	SHALLOW GUARD (Ohm-m)	2000
-----	-----------------------	------

-100	SP (mV)	100
-250	Rxo/Rt	50



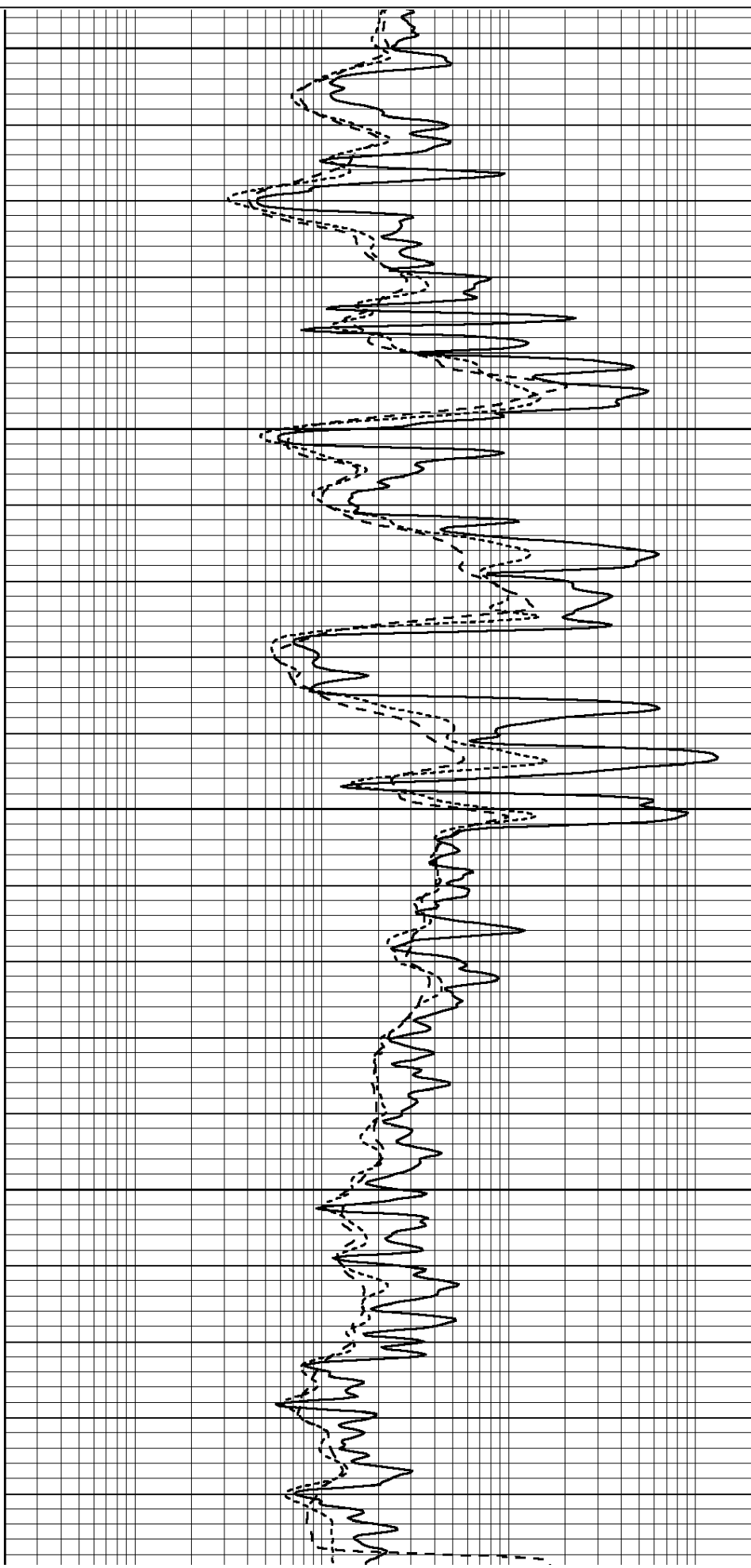
3250

3300

3350

3400

0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000



			3450			
0	GAMMA RAY (GAPI)	150		0.2	SHALLOW GUARD (Ohm-m)	2000
-100	SP (mV)	100		0.2	MEDIUM INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50		0.2	DEEP INDUCTION (Ohm-m)	2000

Calibration Report

Database File: 40010137.db
Dataset Pathname: pass3.1
Dataset Creation: Sat Nov 24 10:07:15 2012 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model:	PROBE8-DILG
Surface Cal Performed:	Fri Aug 01 06:33:19 2008
Downhole Cal Performed:	Mon Jul 28 11:08:27 2008
After Survey Verification Performed:	Mon Jul 28 11:08:27 2008

Surface Calibration

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	632.616	-9.730
Medium	0.029	0.796	V	0.000	464.000	mmho/m	605.049	-17.680
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.017	0.657	V	0.000	400.000	mmho/m	625.153	-10.619
Medium	0.016	0.757	V	0.000	464.000	mmho/m	625.992	-9.739

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	2.011	405.777	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	7.590	503.393	mmho/m	1.000	0.000
LL3		7.500	V		1500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		3800.000	mmho-m		

After Survey Verification

	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
Medium	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
LL3		1.000	Ohm-m		1.000	Ohm-m		
		0.000	Ohm-m		0.000	Ohm-m		
		1.000	mmho-m		1.000	mmho-m		

Compensated Density Calibration Report

Serial-Model: GEAR4-GEARHART
Source / Verifier: 143 / 143
Master Calibration Performed: Mon Mar 19 19:07:19 2012

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	1015.91	497.51	cps

Aluminum	2.600	g/cc	227.67	350.20	cps
		Spine Angle = 76.79		Density/Spine Ratio = 0.579	
	Size		Reading		
Small Ring	8.00	in	3.21	V	
Large Ring	14.00	in	5.46	V	
Compensated Neutron Calibration Report					
		Serial Number:	6I		
		Tool Model:	G		
CALIBRATION					
Detector		Readings		Target	
				Normalization	
Short Space		1.00	cps	1.00	cps
Long Space		1.00	cps	1.00	cps
Gamma Ray Calibration Report					
Serial Number:		#8			
Tool Model:		OPEN			
Performed:		Mon Jun 13 16:56:43 2011			
Calibrator Value:		150.0	GAPI		
Background Reading:		0.0	cps		
Calibrator Reading:		175.0	cps		
Sensitivity:		0.8371	GAPI/cps		