

DUAL INDUCTION LOG

Company	BLUERIDGE PETROLEUM CORPORATION	Company	BLUERIDGE PETROLEUM CORPORATION
Well	VAVROCH FARMS #1-18	Well	VAVROCH FARMS #1-18
Field	WILDCAT	Field	WILDCAT
County	DECATUR	County	DECATUR
State	KANSAS	State	KANSAS
Location:	API # : 15-039-21252-0001 671' FNL & 2086' FWL NW - SE - NE - NW	Other Services CDL/CNL/PE MEL	
Permanent Datum	GROUND LEVEL	Elevation	2659
Log Measured From	KELLY BUSHING	Elevation	K.B. 2664 D.F. 2662 G.L. 2659
Drilling Measured From	KELLY BUSHING		
Date	5/27/21		
Run Number	ONE		
Depth Driller	4030		
Depth Logger	4028		
Bottom Logged Interval	4026		
Top Log Interval	00		
Casing Driller	8 5/8" @ 241'		
Casing Logger	240		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2.000 PPM	
Density / Viscosity	9.1/57		
pH / Fluid Loss	10.0/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.10 @ 90F		
Rmf @ Meas. Temp	.825 @ 90F		
Rmc @ Meas. Temp	1.32 @ 90F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.853 @ 116F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	1:00 P.M.		
Maximum Recorded Temperature	116F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	WYATT URBAN		

<<< 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.

15-039-21252-0001

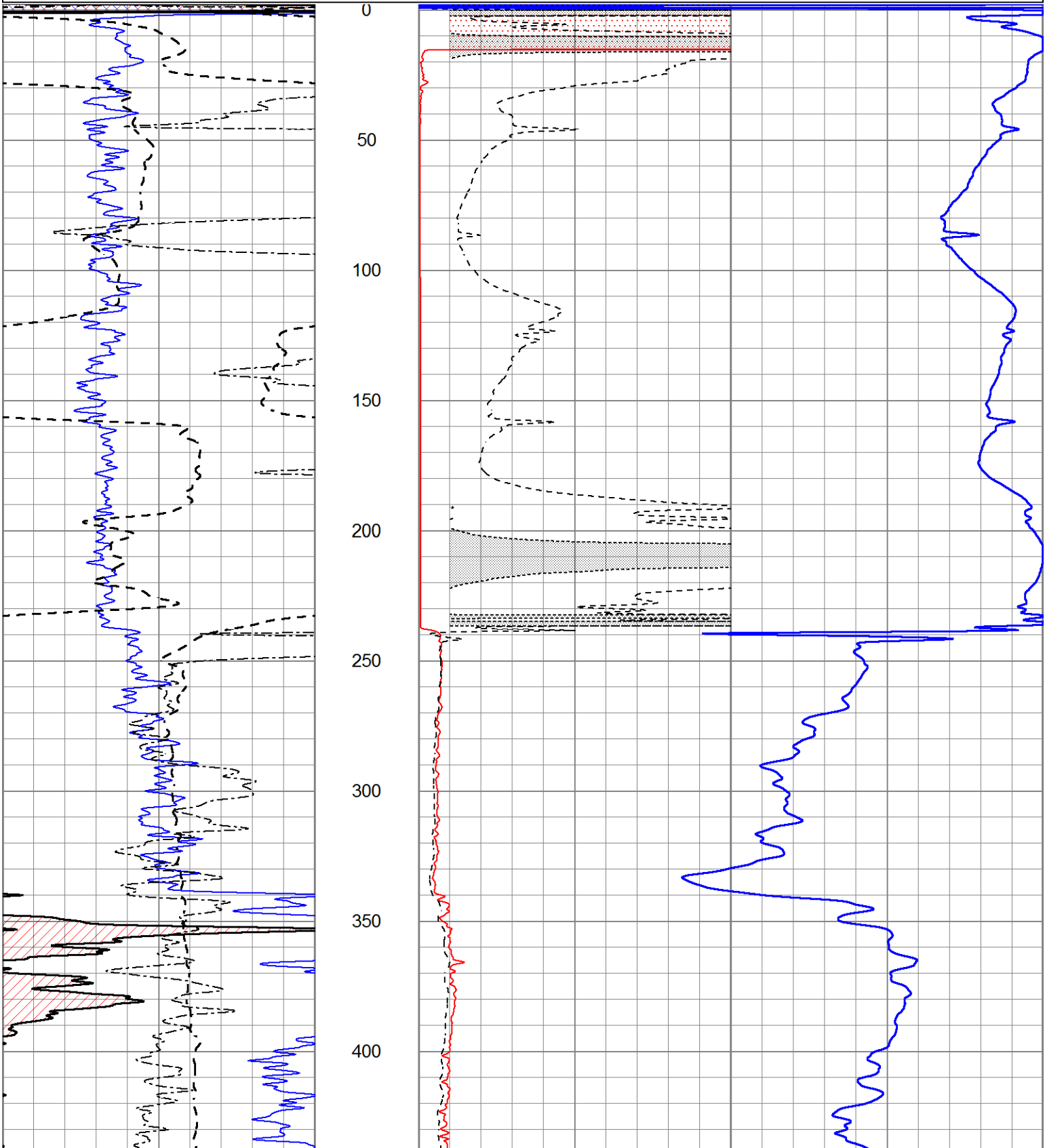
Comments

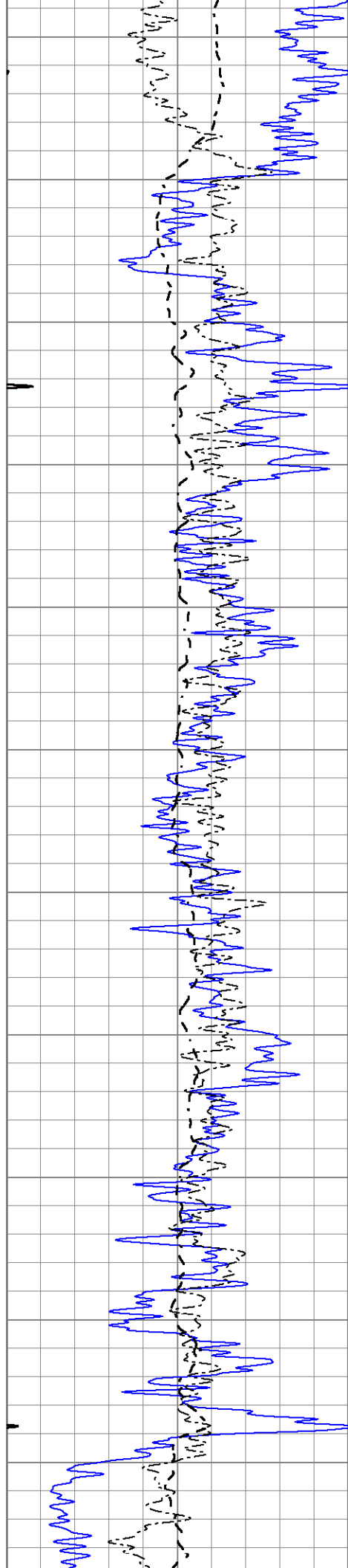
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
OBERLIN, KS. 7S. ON HWY 83 TO (CR 340 OR K AVE.) 6 1/2E., S. INTO



MAIN SECTION

0	Gamma Ray (GAPI)	150	1000	CILD (mmho/m)	0
-100	SP (mV)	100	0	RLL3 (Ohm-m)	50
0	RWA (Ohm-m)	1	0	RILD (Ohm-m)	50
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500





450

500

550

600

650

700

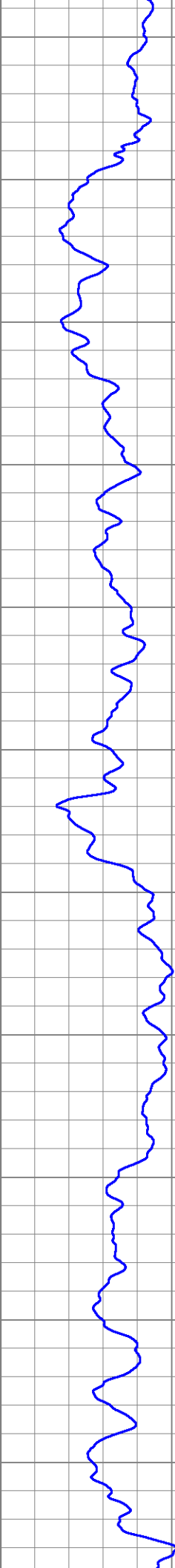
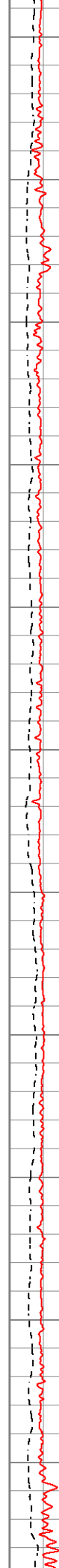
750

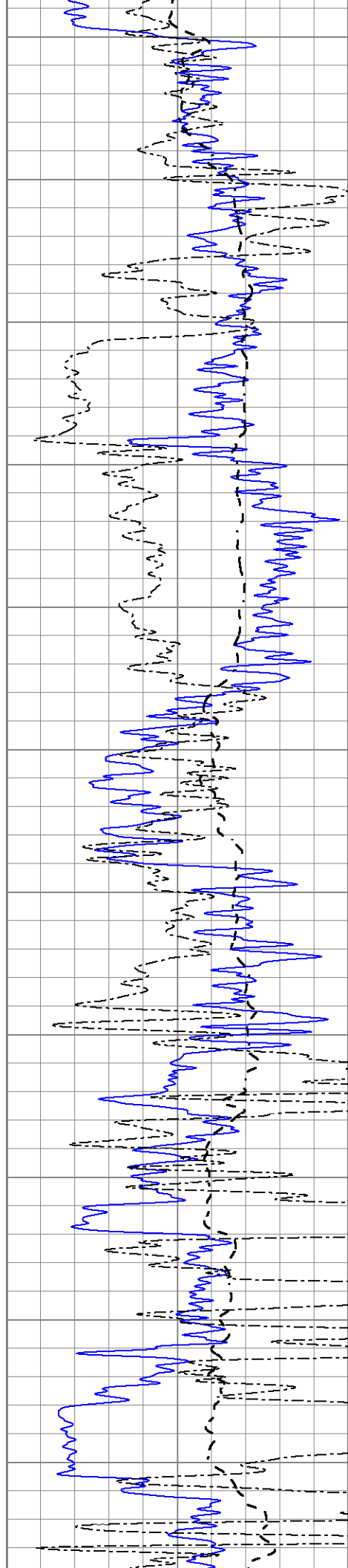
800

850

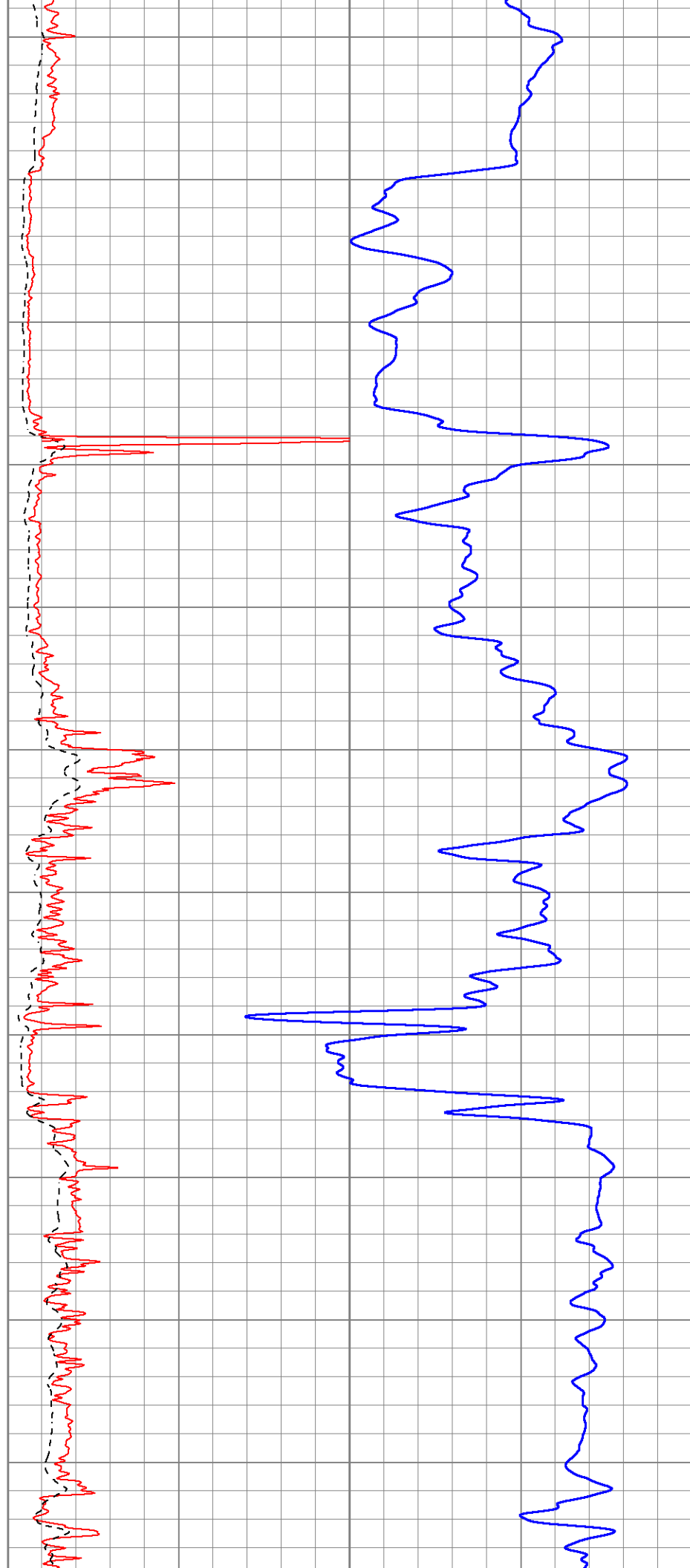
900

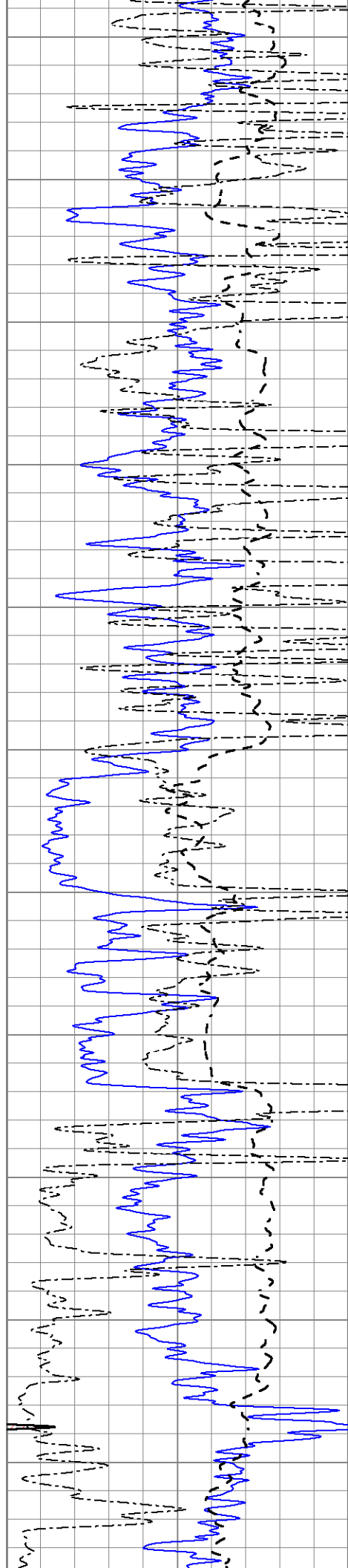
950





1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500





1550

1600

1650

1700

1750

1800

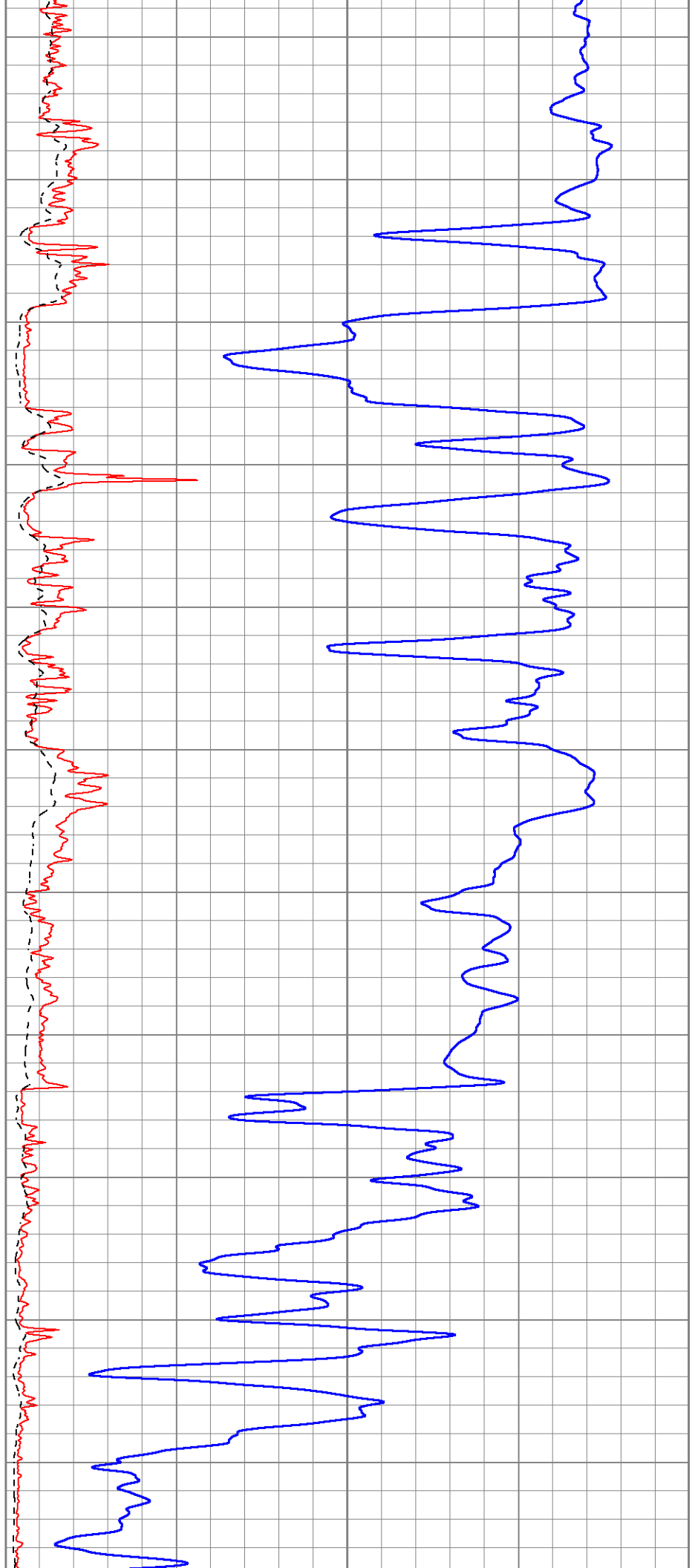
1850

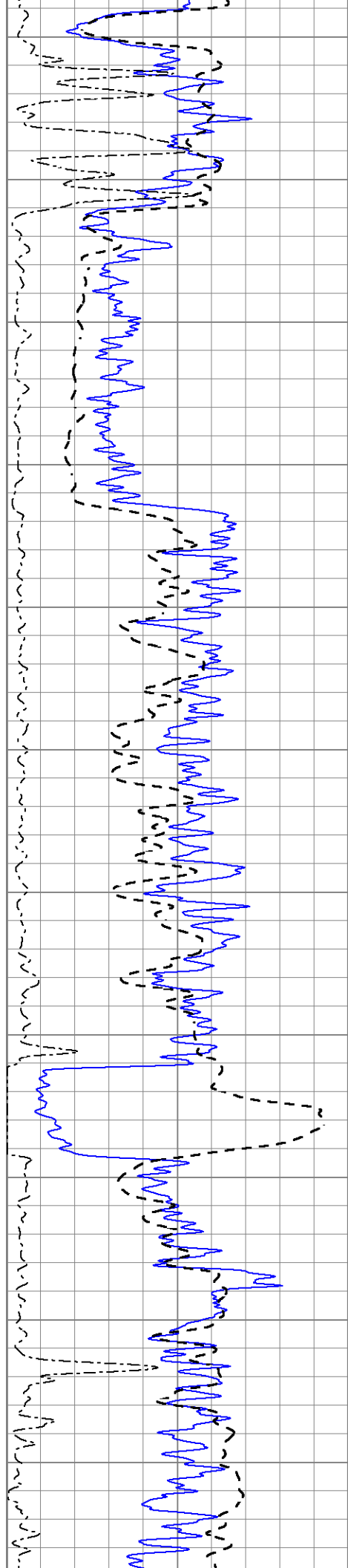
1900

1950

2000

2050





2100

2150

2200

2250

2300

2350

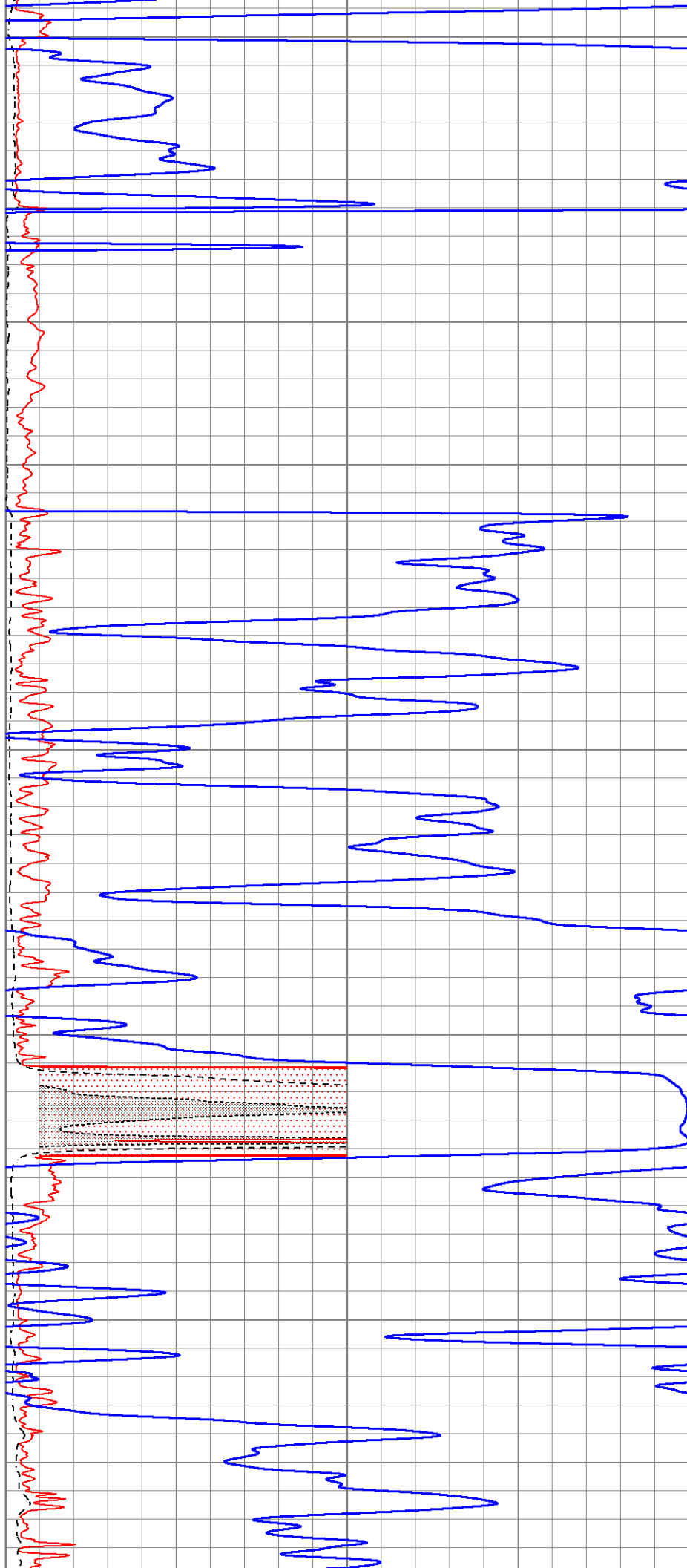
2400

2450

2500

2550

2600



2650

2700

2750

2800

2850

2900

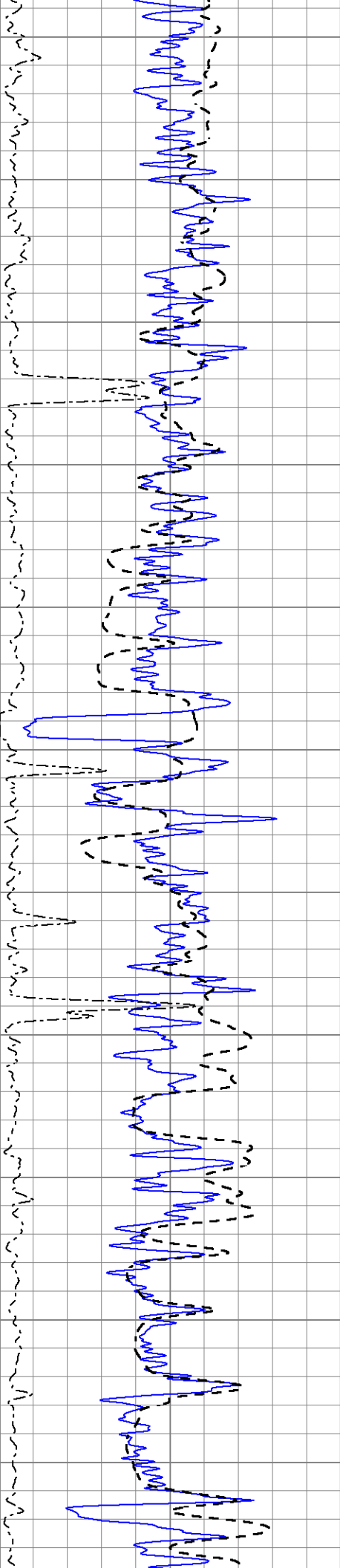
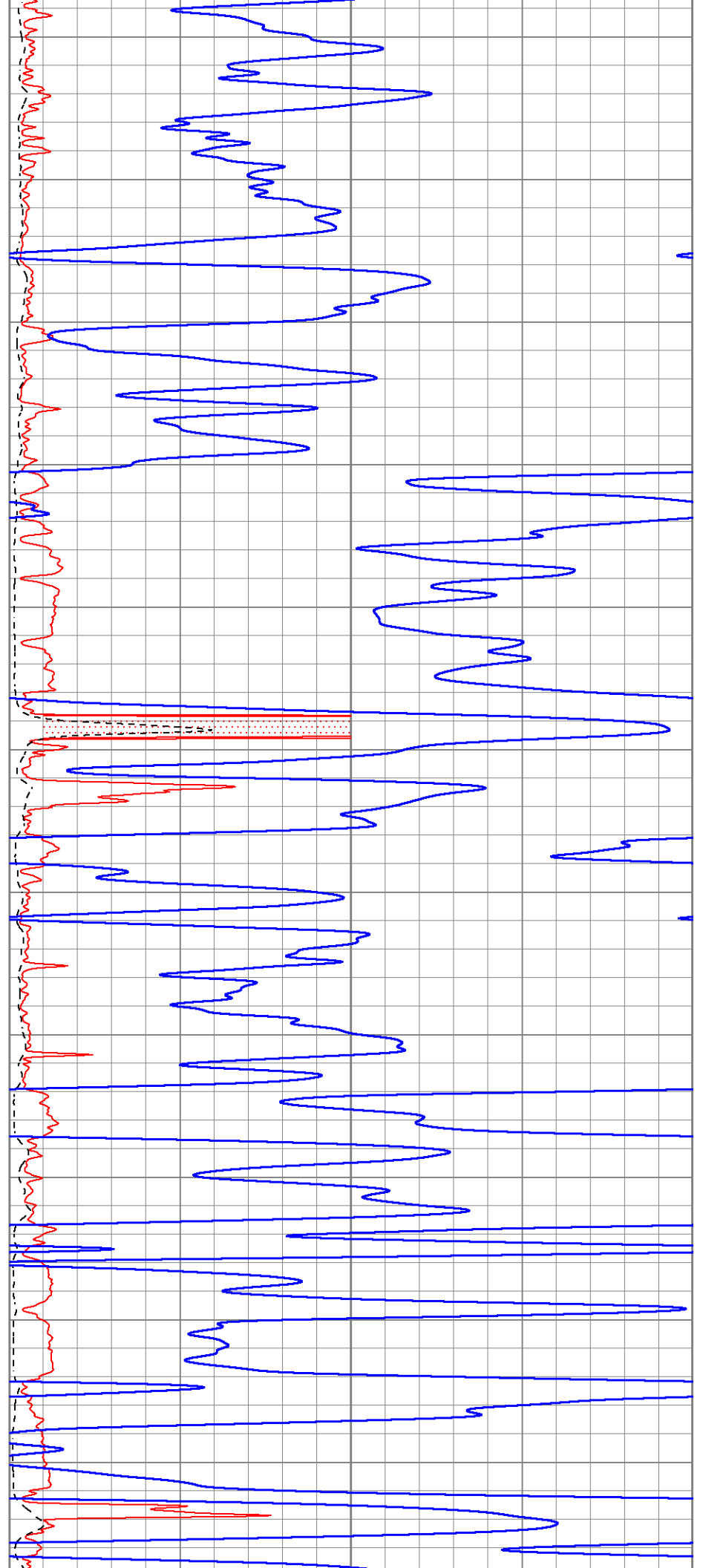
2950

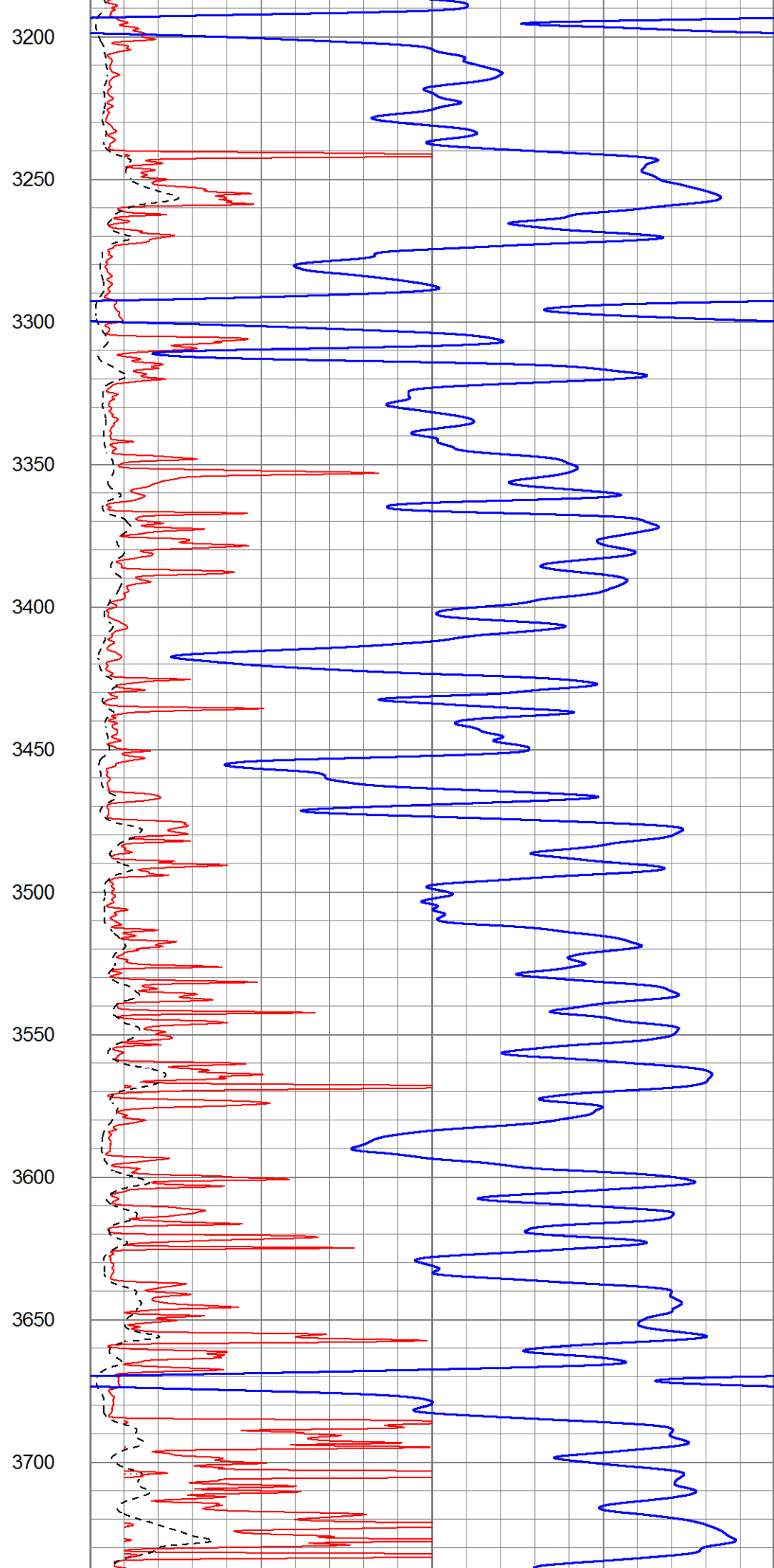
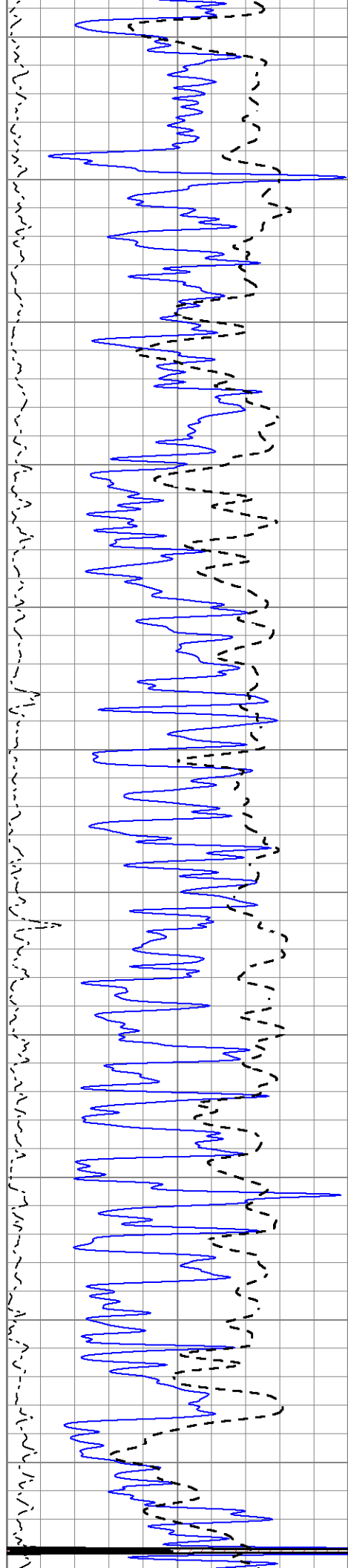
3000

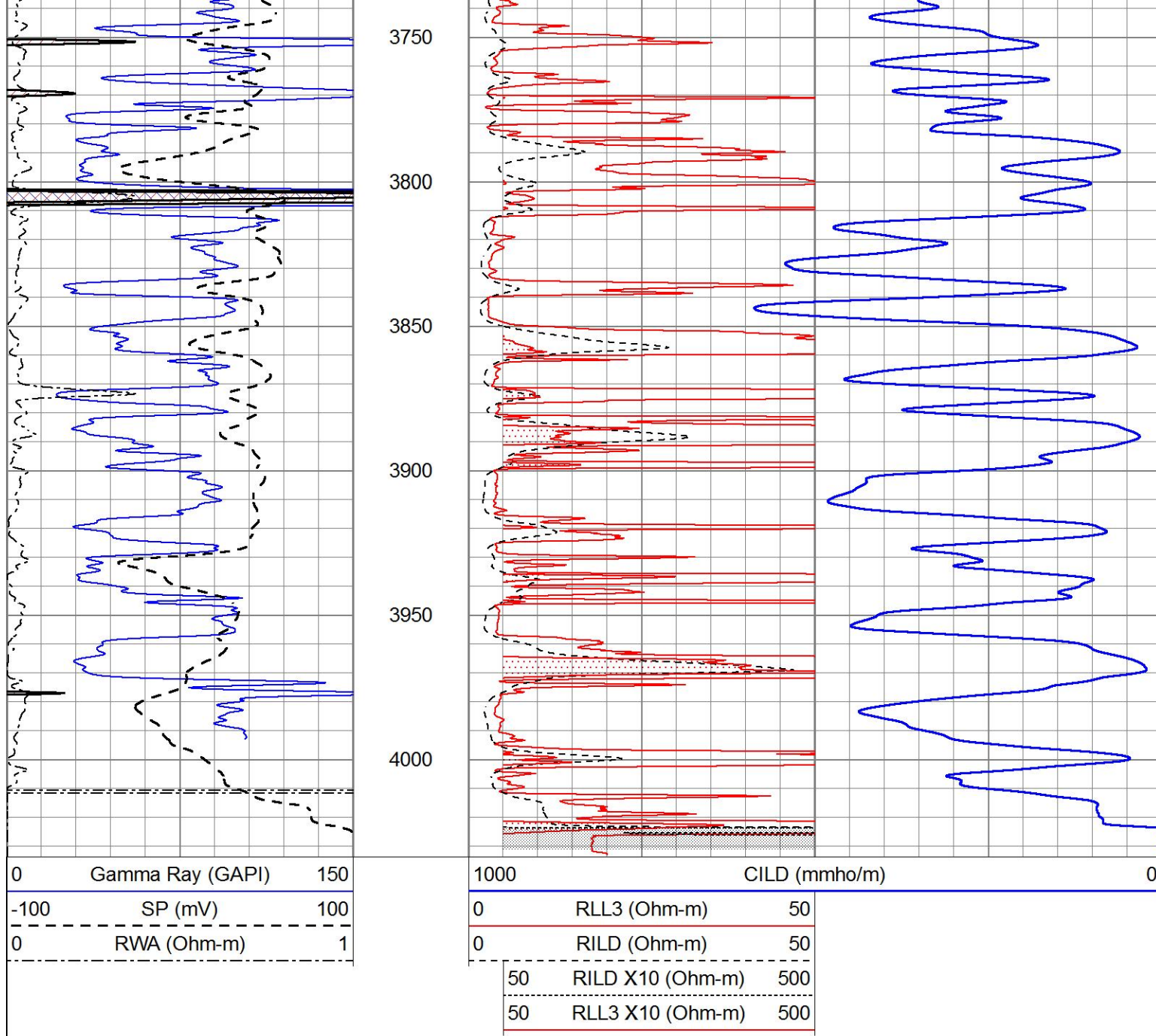
3050

3100

3150



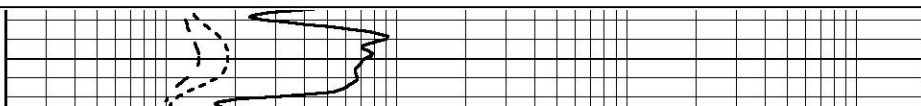


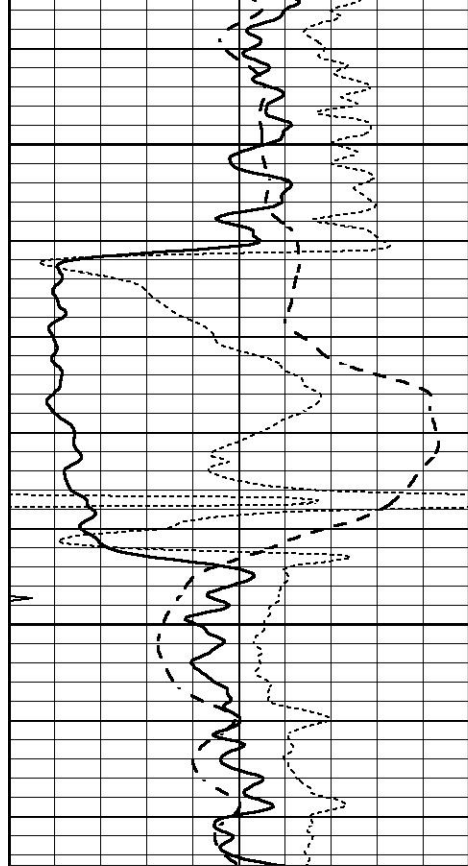


ANHYDRITE

Database File 5273pe.db
 Dataset Pathname pass4.1A
 Presentation Format _dil
 Dataset Creation Thu May 27 14:20:52 2021
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	0.2	SHALLOW GUARD (Ohm-m)	2000
-100	SP (mV)	100	0.2	DEEP INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50	0.2	MEDIUM INDUCTION (Ohm-m)	2000
0	MINMK	20			

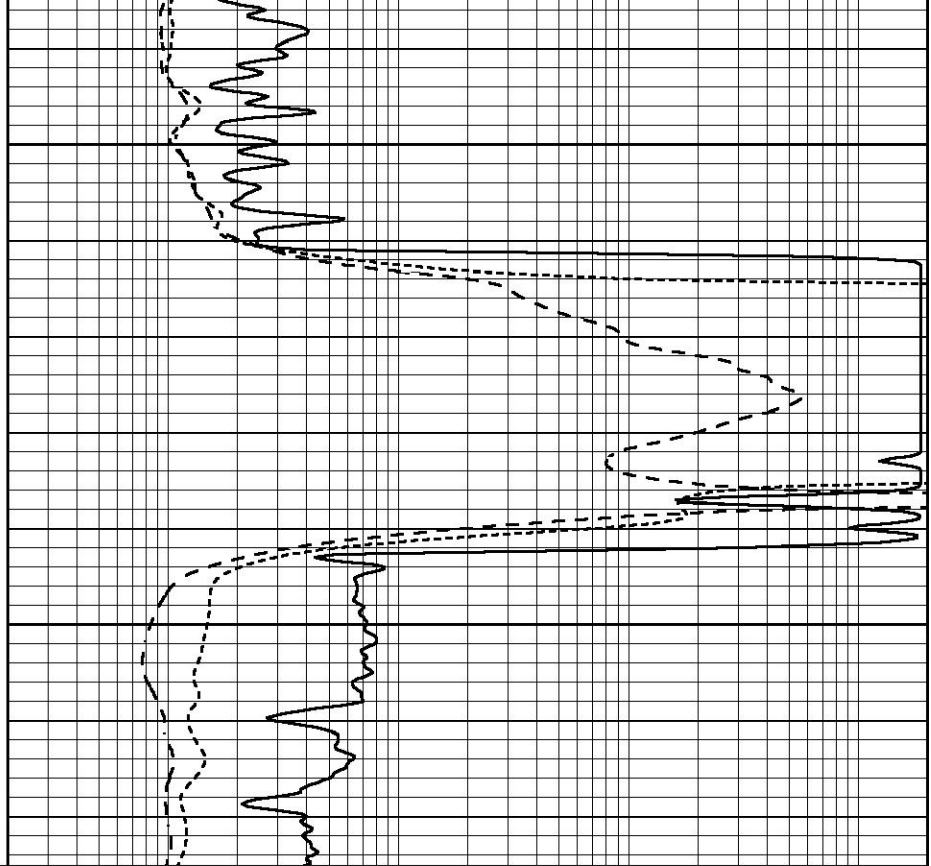




2450

2500

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20



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

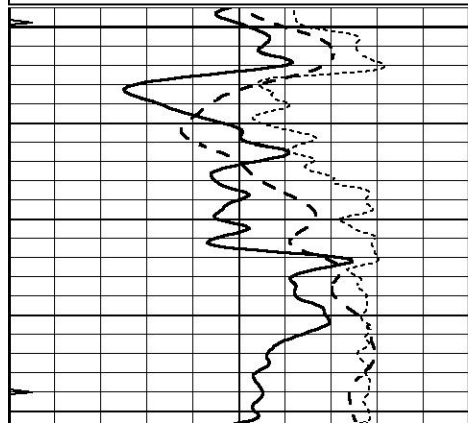


MAIN SECTION

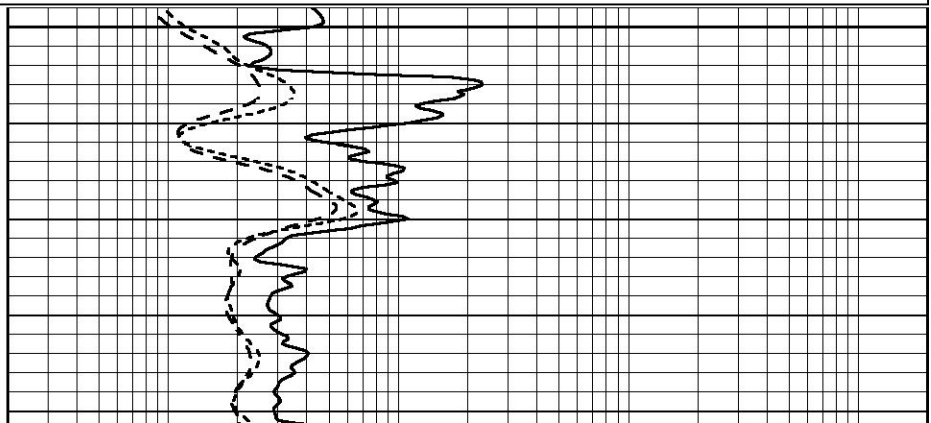
Database File 5273pe.db
 Dataset Pathname pass4.1M
 Presentation Format _dil
 Dataset Creation Thu May 27 14:16:15 2021
 Charted by Depth in Feet scaled 1:240

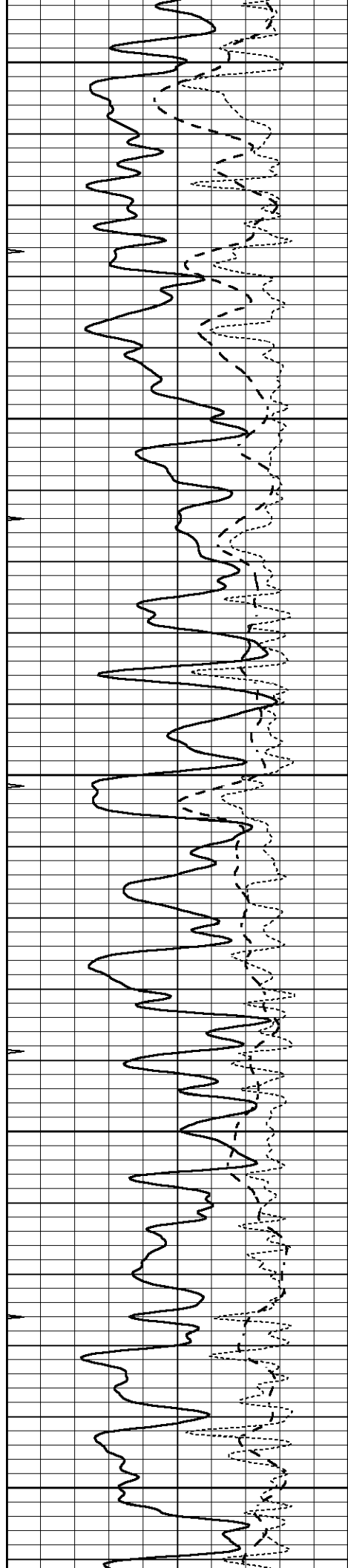
0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

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



3300





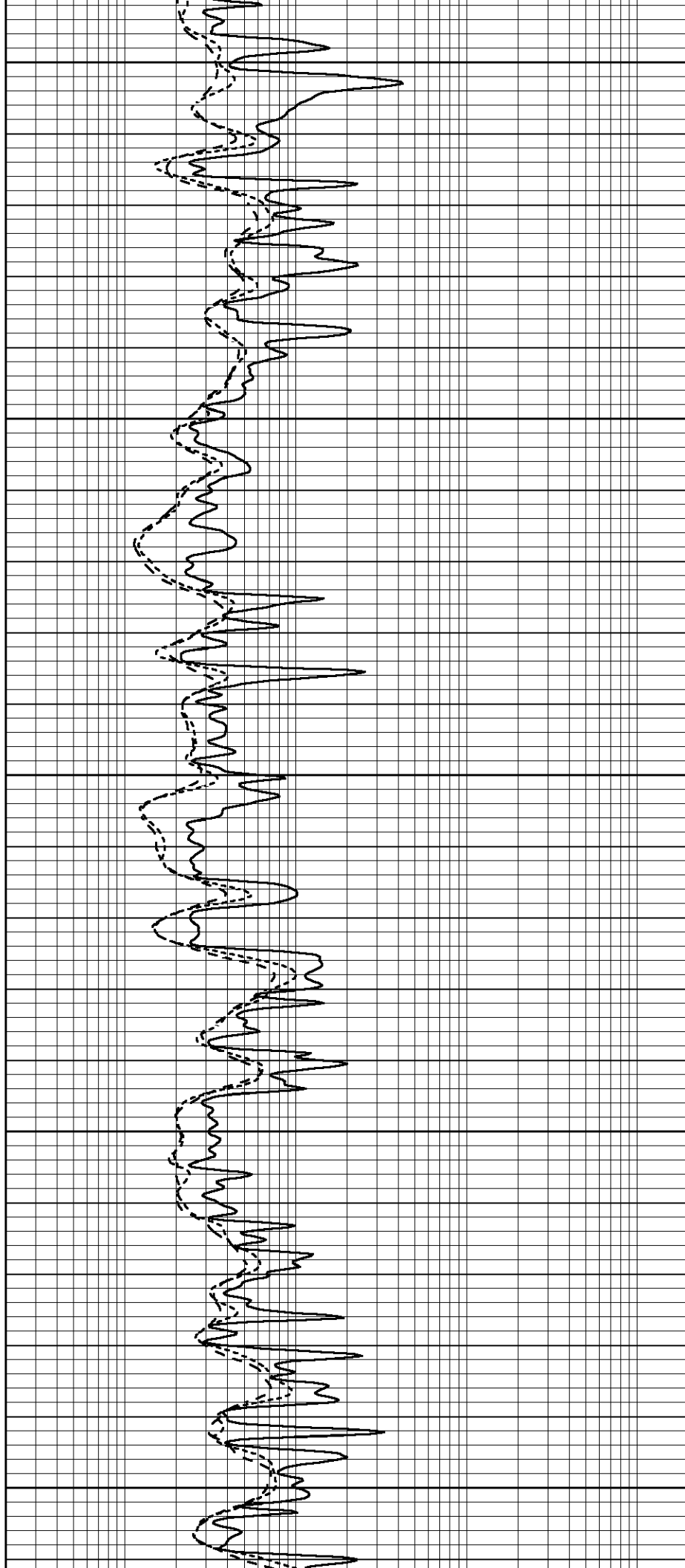
3350

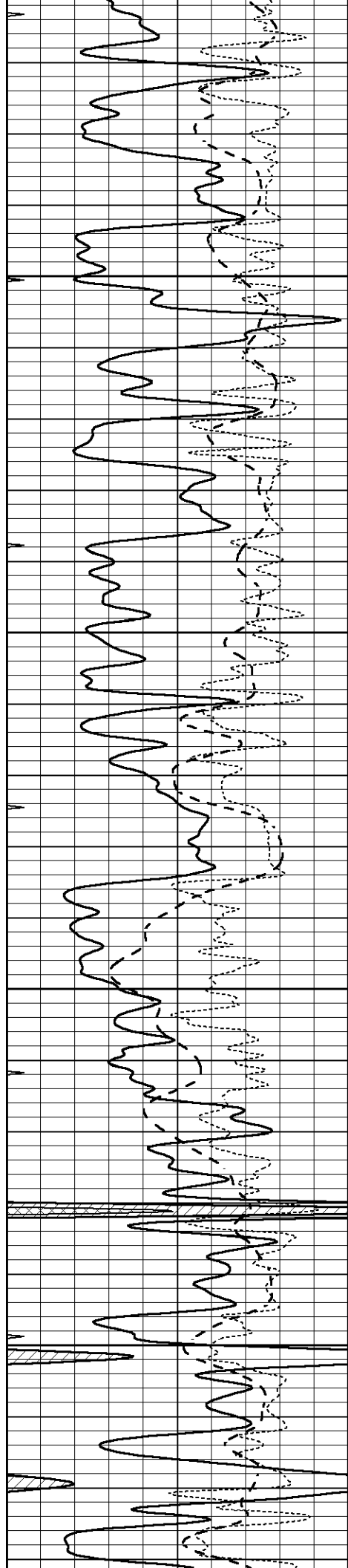
3400

3450

3500

3550



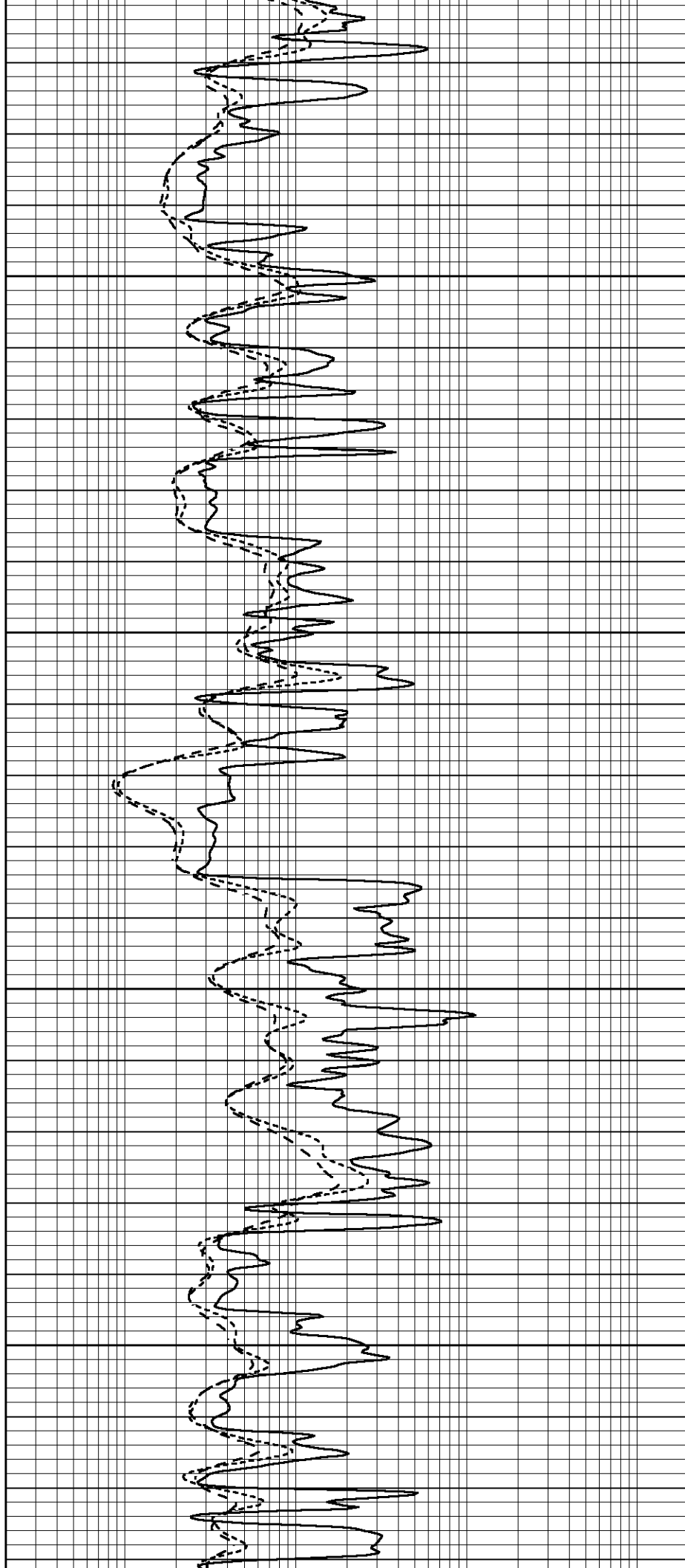


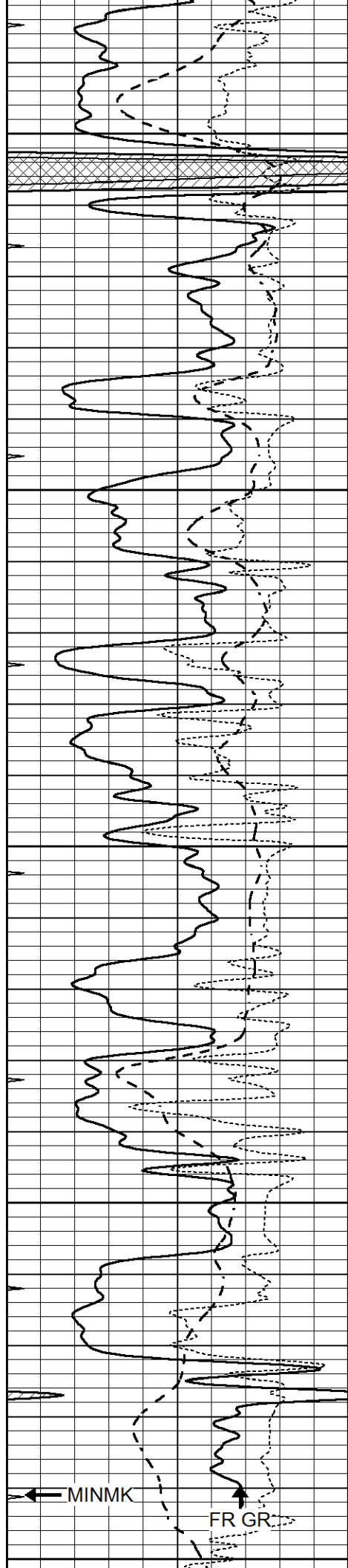
3600

3650

3700

3750





3800

3850

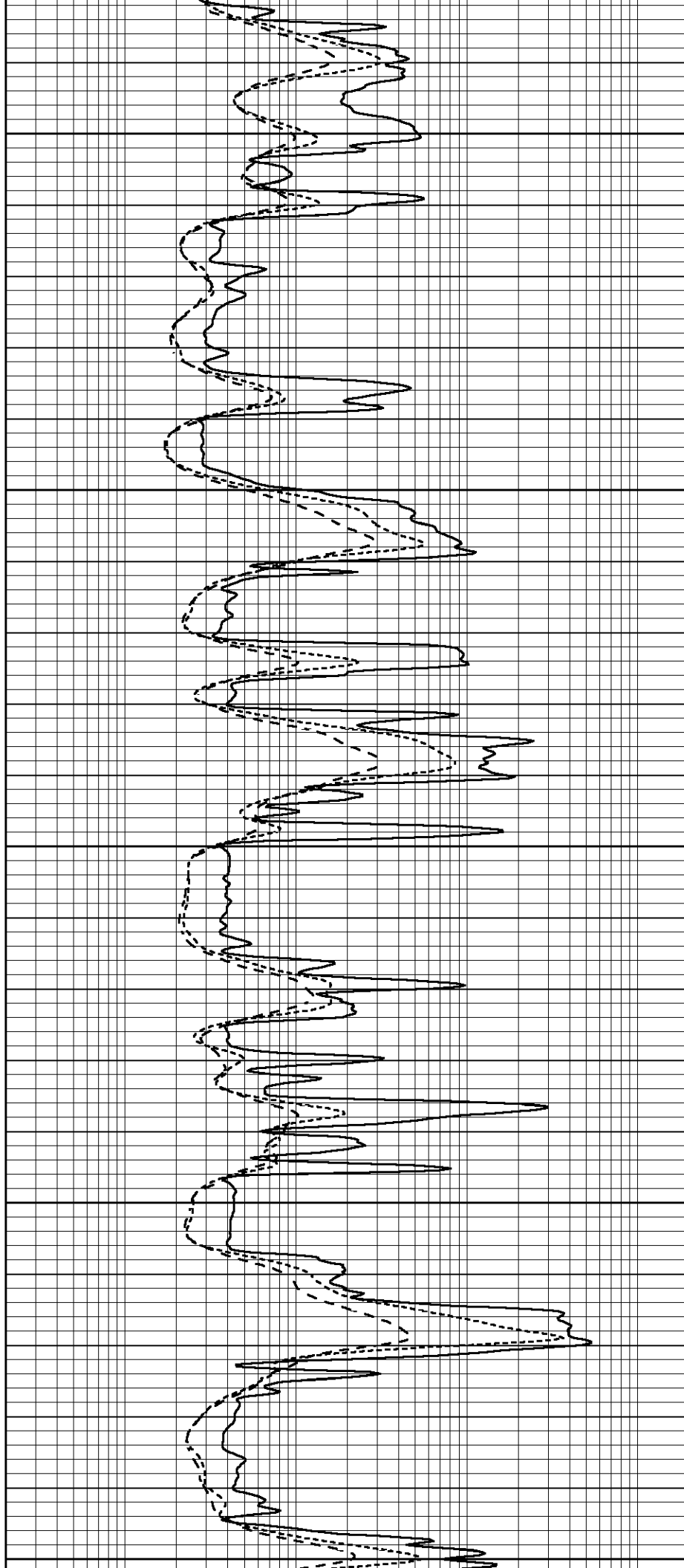
3900

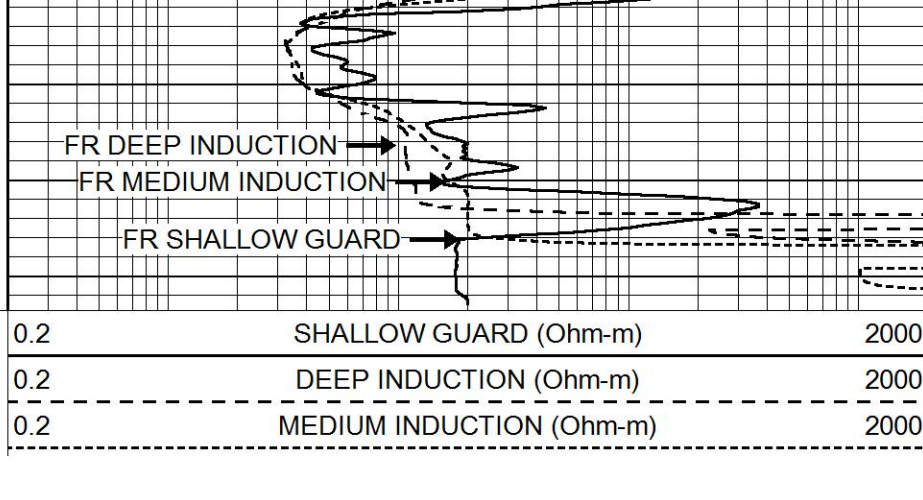
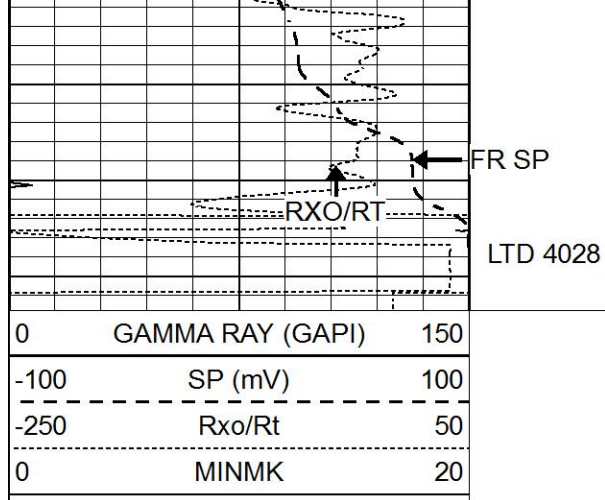
3950

4000

← MINMK

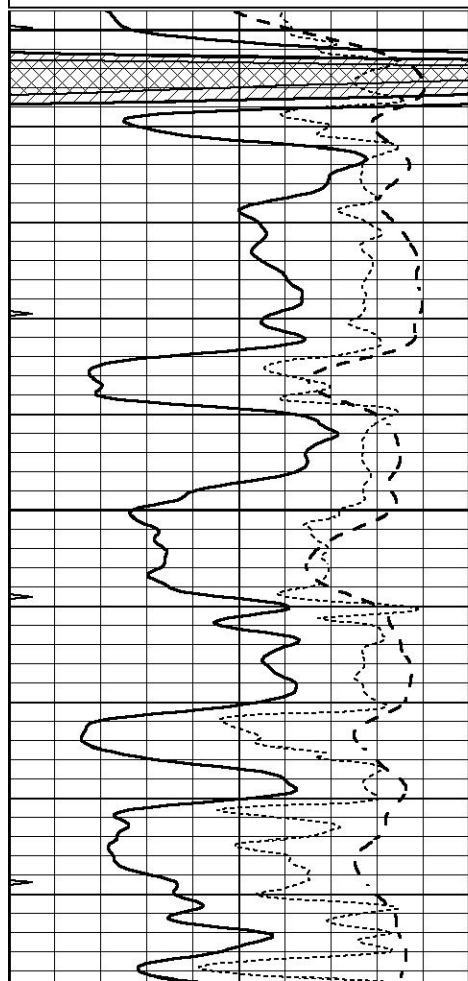
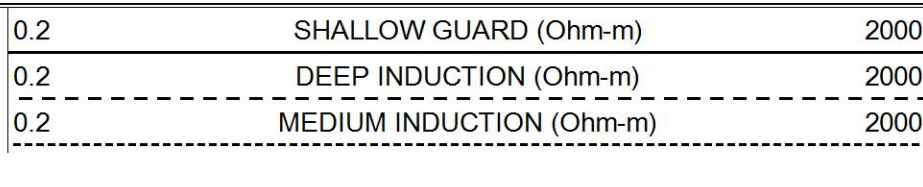
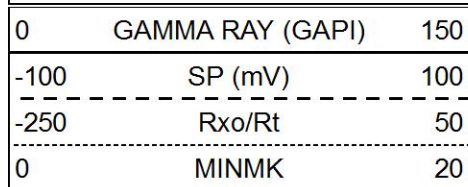
FR GR





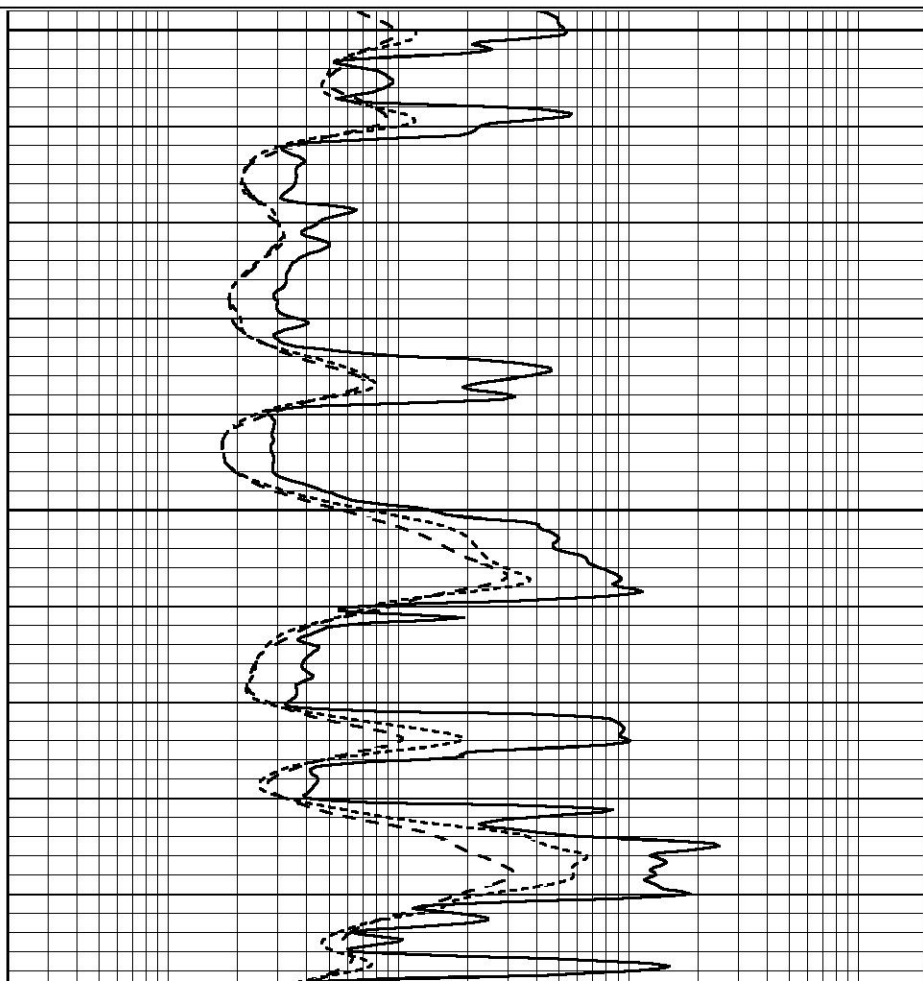
REPEAT SECTION

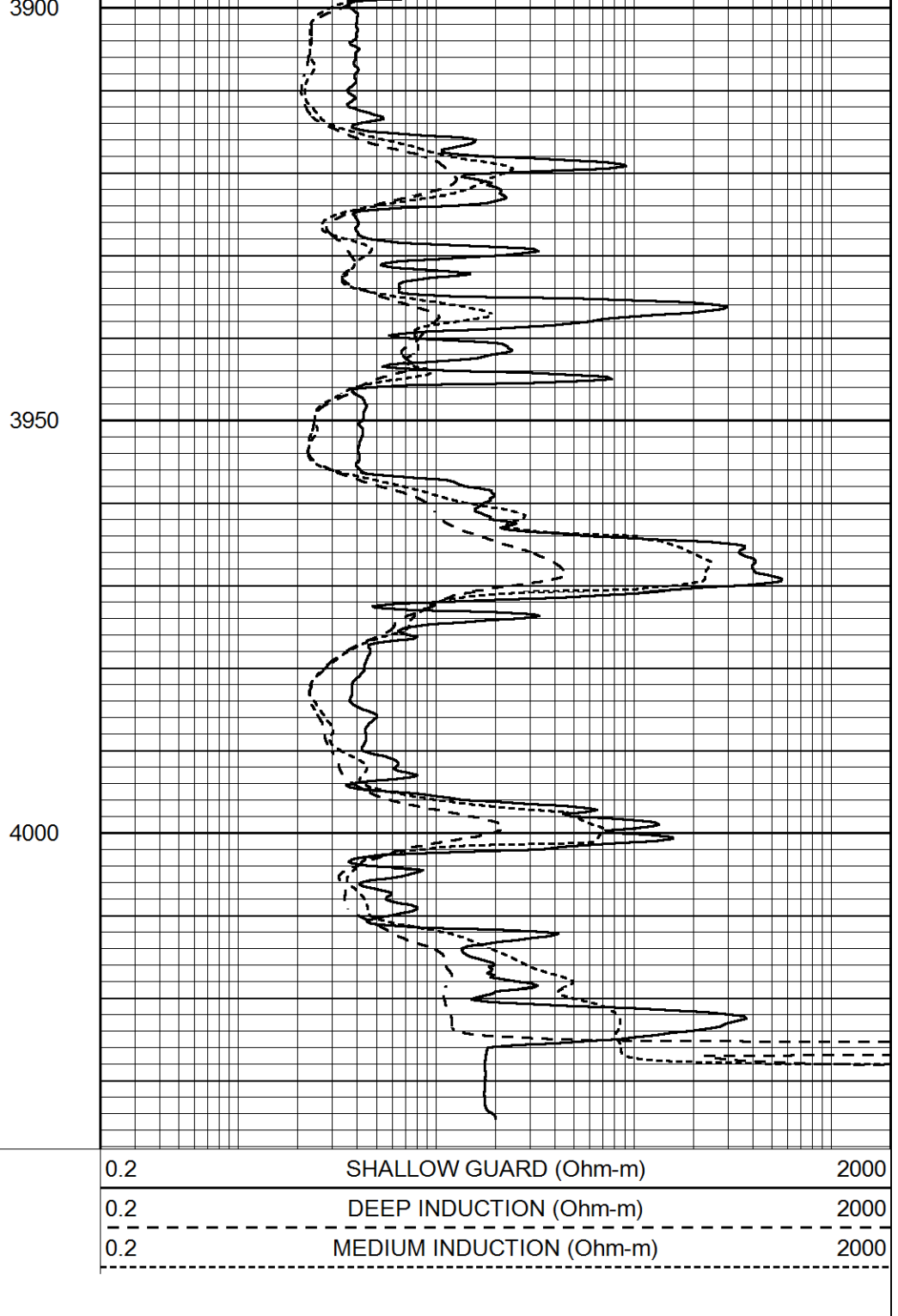
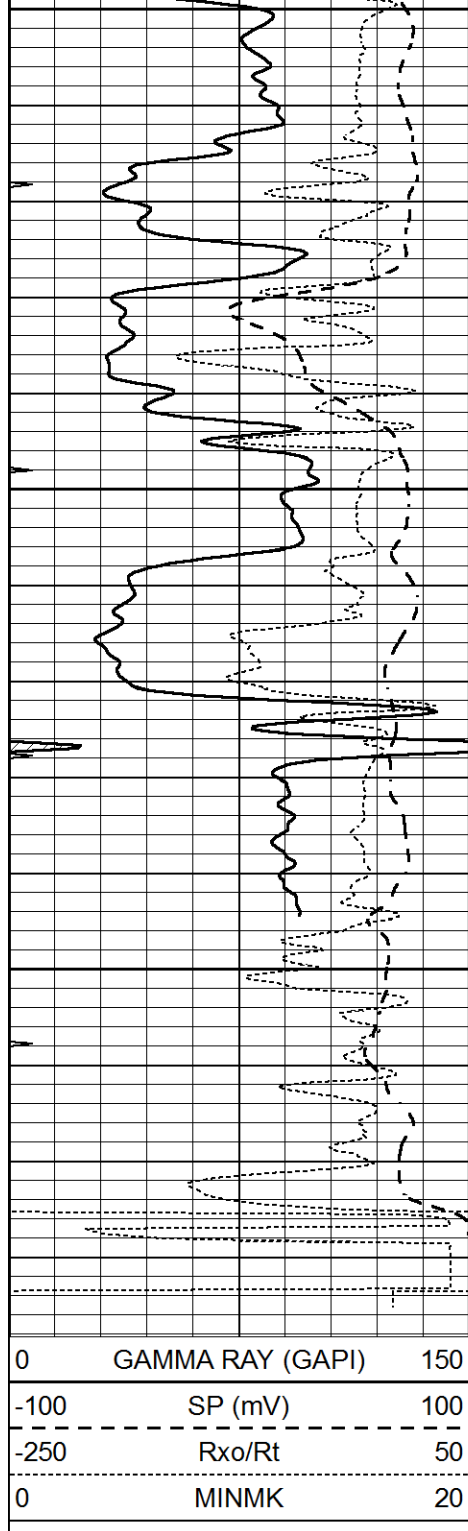
Database File 5273pe.db
 Dataset Pathname pass3.2R
 Presentation Format _dil
 Dataset Creation Thu May 27 13:21:52 2021
 Charted by Depth in Feet scaled 1:240



3800

3850





Calibration Report							
Database File		5273pe.db					
Dataset Pathname		pass4.1M					
Dataset Creation		Thu May 27 14:16:15 2021					
Dual Induction Calibration Report							
		Serial-Model:		PROBE9-DILG			
		Surface Cal Performed:		Thu May 27 13:06:29 2021			
		Downhole Cal Performed:		Wed Mar 11 11:31:19 2020			
		After Survey Verification Performed:		Wed Mar 11 11:31:22 2020			
Surface Calibration							
		Readings		References		Results	
Loop:	Air	Loop	Air	Loop	m	b	

Deep	-0.014	0.629	V	0.000	400.000	mmho/m	720.000	-16.000
Medium	0.039	0.728	V	0.000	464.000	mmho/m	720.000	-35.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.011	0.610	V	0.000	400.000	mmho/m	667.135	-7.256
Medium	0.005	0.712	V	0.000	464.000	mmho/m	655.677	-3.102

Downhole Calibration								
	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	14.508	388.384	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	166.367	504.400	mmho/m	1.000	0.000
LL3		7.500	V		1400.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		4000.000	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		

Litho Density Calibration Report								
Serial: 004 Model: PRB								

Master Calibration				Performed Tue May 18 11:02:48 2021				
	Background	Magnesium	Aluminum	Aluminum+Fe				
Window 1	1187.1	10004.0	3142.5	2810.8				cps
Window 2	1084.9	8556.6	2749.3	2502.4				cps
Window 3	923.1	5129.8	1819.8	1719.3				cps
Window 4	263.5	263.6	259.7	262.8				cps
Long Space	0.0	7471.7	1664.4	1417.5				cps
Short Space	1.5	984.9	645.6	561.2				cps
Rho		1.7100	2.5900	0.0000				g/cc
Pe		2.0000	2.7500	5.7900				
Rib Angle	: 44.3	Rib Slope	: 0.976	Density/Spine Ratio			: 0.564	
Spine Angle	: 74.3	Spine Slope	: 3.555	Spine Intercept			: -15.6	

Before Survey Verification				Performed Wed Dec 31 18:00:00 1969				
Window 1	0.0	0.0	0.0	0.0				cps
Window 2	0.0	0.0	0.0	0.0				cps
Window 3	0.0	0.0	0.0	0.0				cps
Window 4	0.0	0.0	0.0	0.0				cps
Long Space	0.0	0.0	0.0	0.0				cps
Short Space	0.0	0.0	0.0	0.0				cps
Measured Rho		0.0000	0.0000	0.0000				g/cc
Measured Correction		0.0000	0.0000	0.0000				g/cc
Measured Pe			0.0000	0.0000				

After Survey Verification				Performed Wed Dec 31 18:00:00 1969				
---------------------------	--	--	--	------------------------------------	--	--	--	--

Window 1	0.0	0.0	0.0	0.0	cps
Window 2	0.0	0.0	0.0	0.0	cps
Window 3	0.0	0.0	0.0	0.0	cps
Window 4	0.0	0.0	0.0	0.0	cps
Long Space	0.0	0.0	0.0	0.0	cps
Short Space	0.0	0.0	0.0	0.0	cps
Measured Rho		0.0000	0.0000	0.0000	g/cc
Measured Correction		0.0000	0.0000	0.0000	g/cc
Measured Pe			0.0000	0.0000	
Compensated Neutron Calibration Report					
		Serial Number:	070808PMC		
		Tool Model:	NABORS		
PRE-SURVEY VERIFICATION					
Detector	Readings	Measured	Target		
Short Space	cps				
Long Space	cps	pu		pu	
POST-SURVEY VERIFICATION					
Detector	Readings	Measured	Target		
Short Space	cps				
Long Space	cps	pu		pu	
Gamma Ray Calibration Report					
Serial Number:		070558			
Tool Model:		OPEN_GR			
Performed:		Fri Apr 16 13:57:16 2021			
Calibrator Value:		1.0	GAPI		
Background Reading:		0.0	cps		
Calibrator Reading:		1.0	cps		
Sensitivity:		0.3000	GAPI/cps		