

DUAL INDUCTION LOG

Company BLUERIDGE PETROLEUM CORPORATION
Well SAPPACREEK #2-1
Field POLLNOW SOUTHEAST
County DECATUR State KANSAS

Location: API #: 15-039-21290-0000
430' FSL & 249' FWL
NE - SE - SE - SW
Permanent Datum GROUND LEVEL Elevation 2547
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL/PE
MEL/SONIC
Elevation
K.B. 2555
D.F. 2553
G.L. 2547

SEC 1 TWP 3S RGE 29W

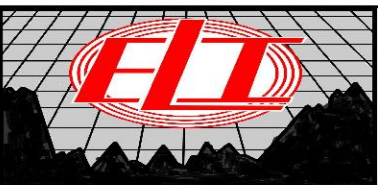
Date	11/22/22		
Run Number	ONE		
Depth Driller	3765		
Depth Logger	3768		
Bottom Logged Interval	3766		
Top Log Interval	00		
Casing Driller	8 5/8" @ 221'		
Casing Logger	222		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES: 2,000 PPM	
Density / Viscosity	9.1/62		
pH / Fluid Loss	10.5/8.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.50 @ 70F		
Rmf @ Meas. Temp	1.13 @ 70F		
Rmc @ Meas. Temp	1.80 @ 70F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.929 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	11:30 P.M.		
Maximum Recorded Temperature	113F		
Equipment Number	8916		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	JIM MUSGROVE		

<<< 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.

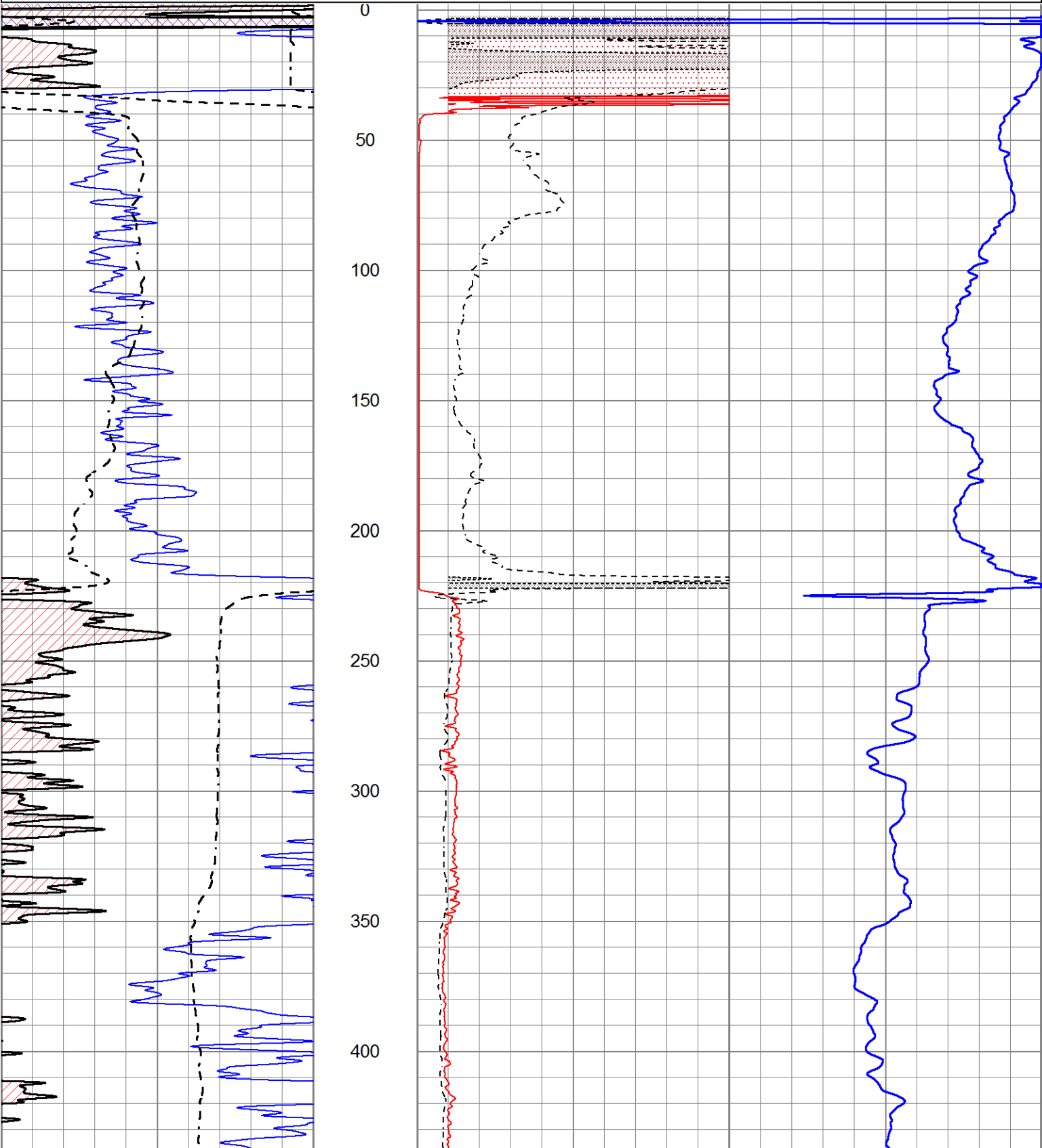
Comments

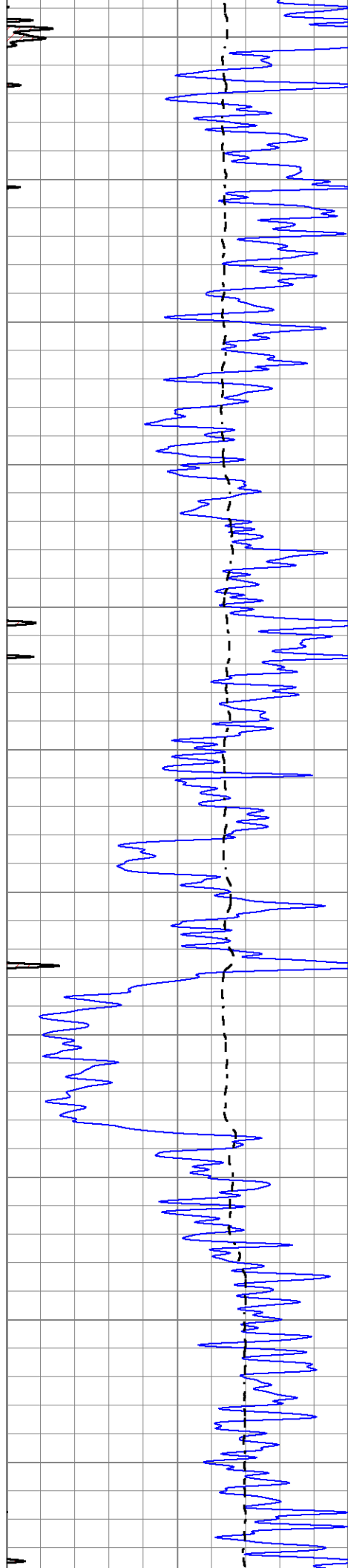
THANK YOU FOR USING ELI WIRELINE, HAYS, KS. (785) 628-6395
DIRECTIONS:
OBERLIN, KS., (HWY 83 AND SE HALL ST.) 4 BLOCKS EAST TO STOP LIGHT, 1 BLOCK SOUTH,
EAST ON NORTH SIDE OF ELEVATOR 1/4 MILE, S. INTO



MAIN SECTION

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





450

500

550

600

650

700

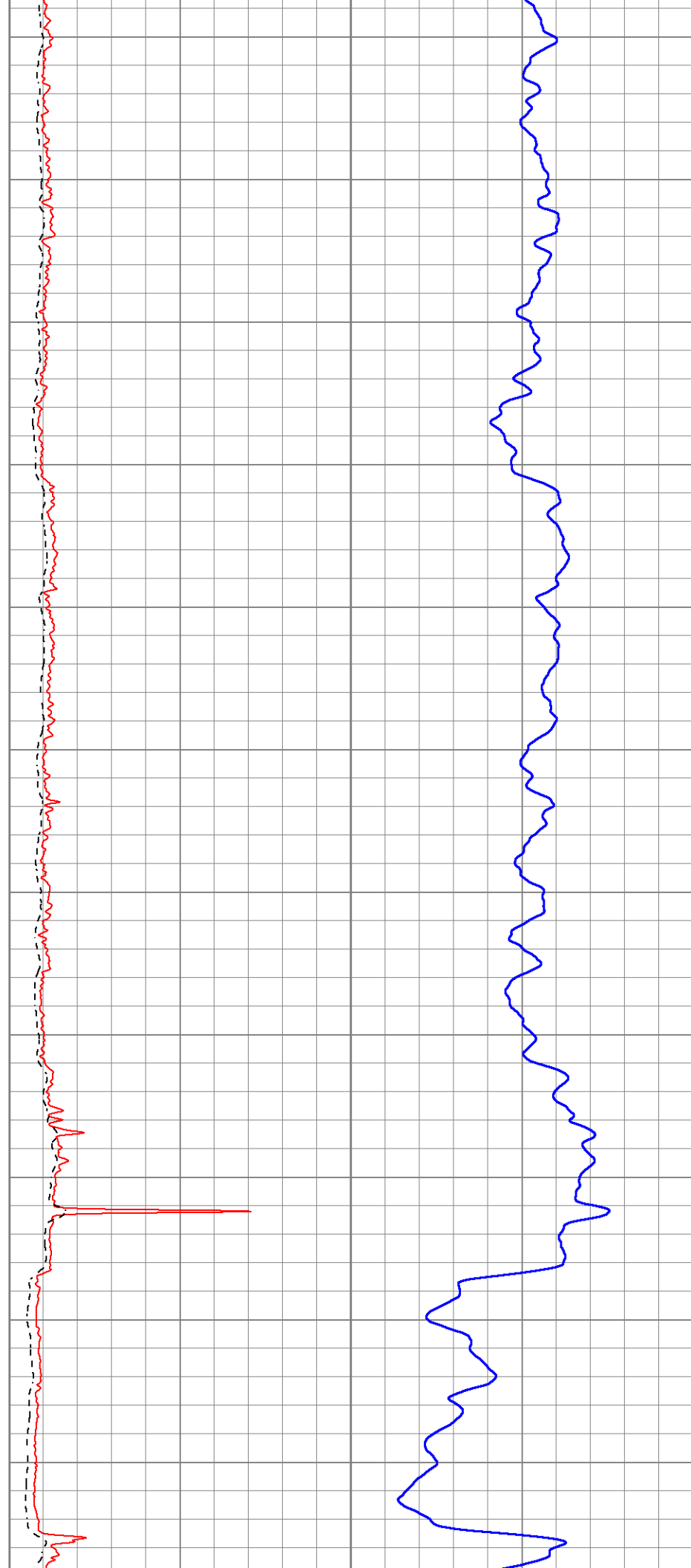
750

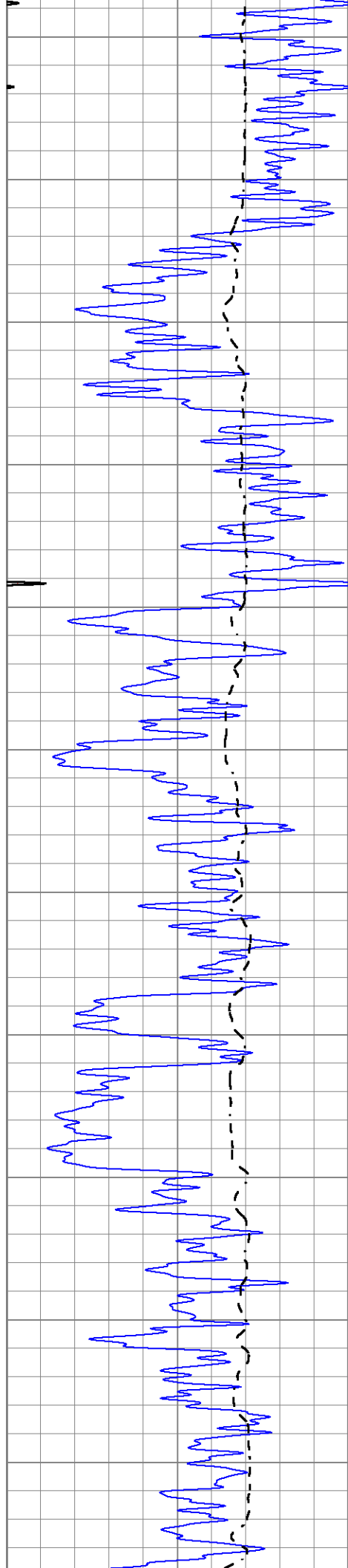
800

850

900

950





1000

1050

1100

1150

1200

1250

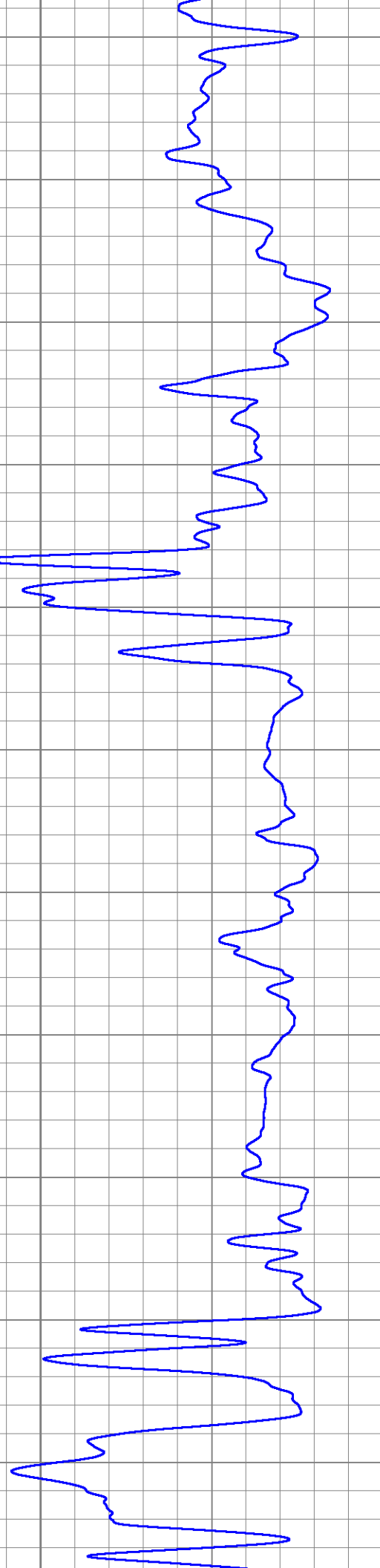
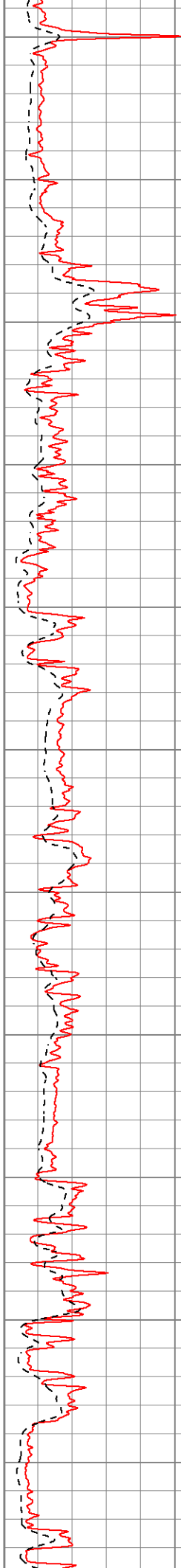
1300

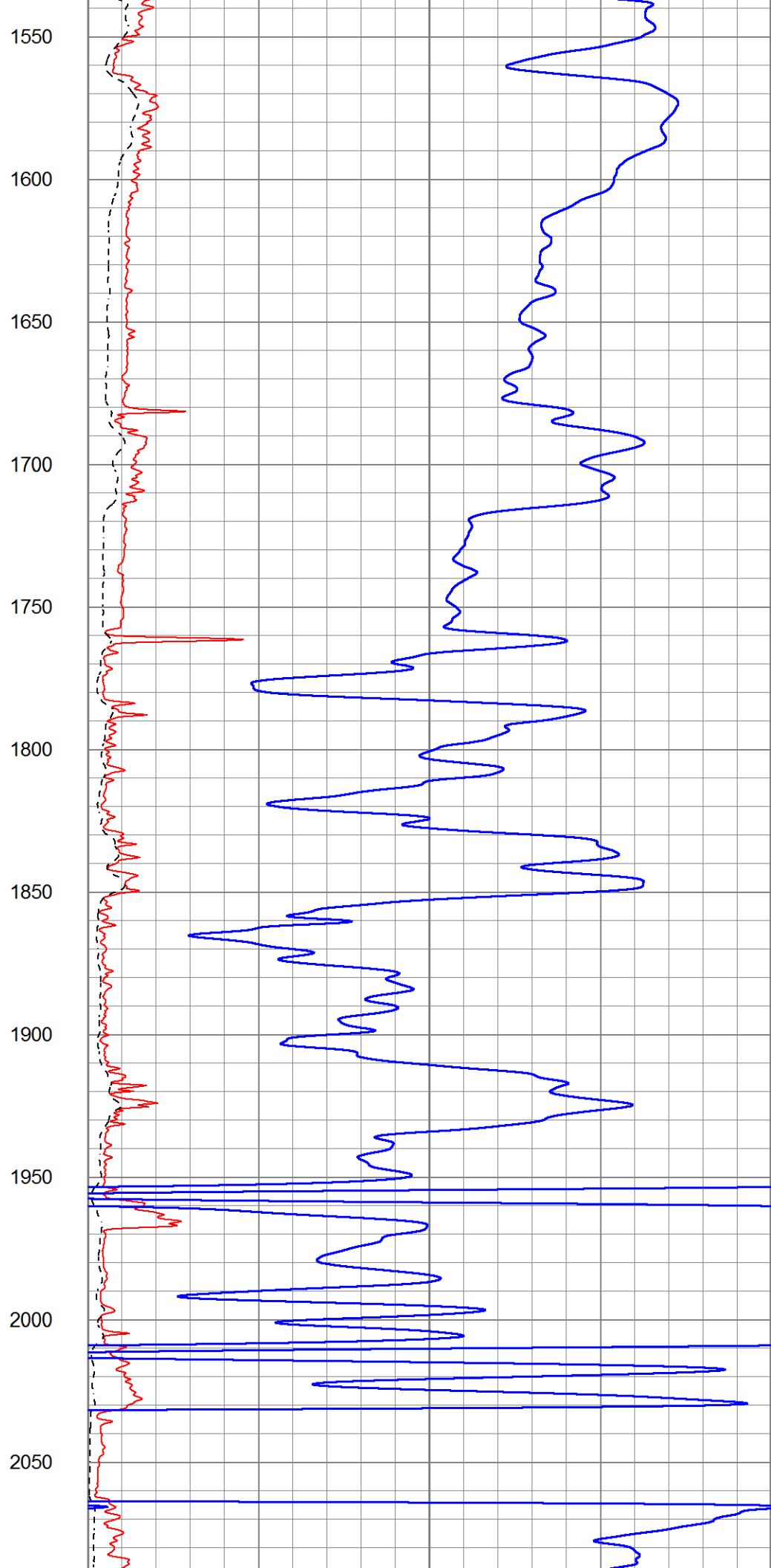
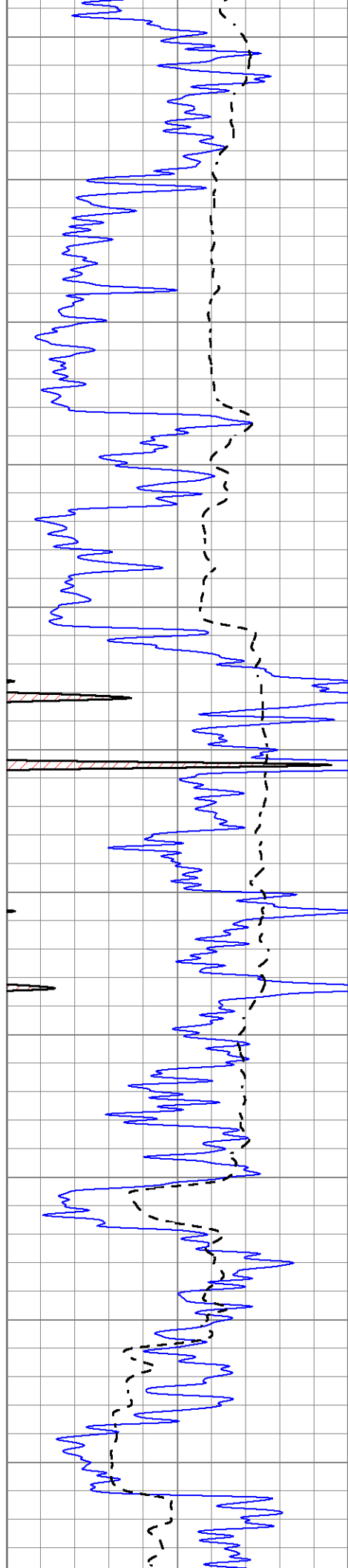
1350

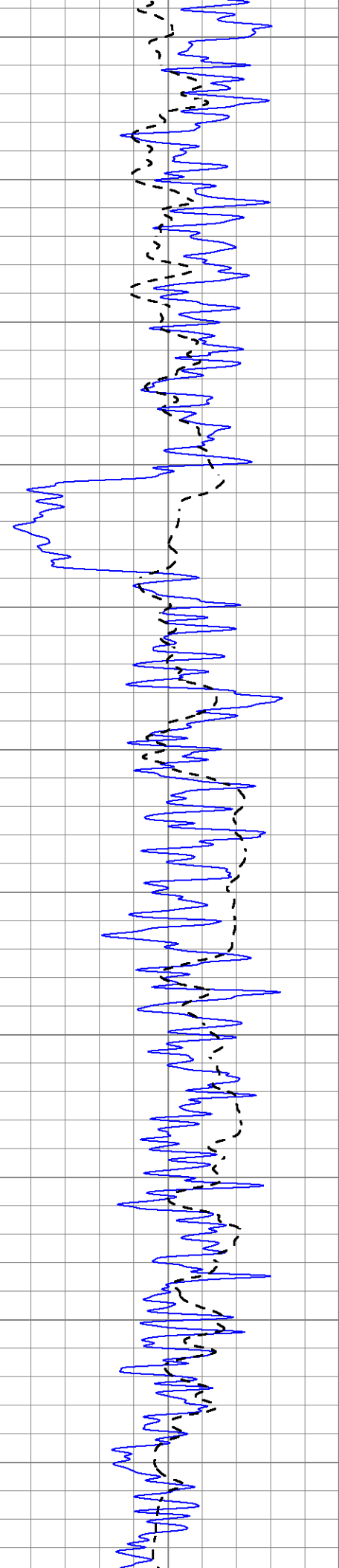
1400

1450

1500







2100

2150

2200

2250

2300

2350

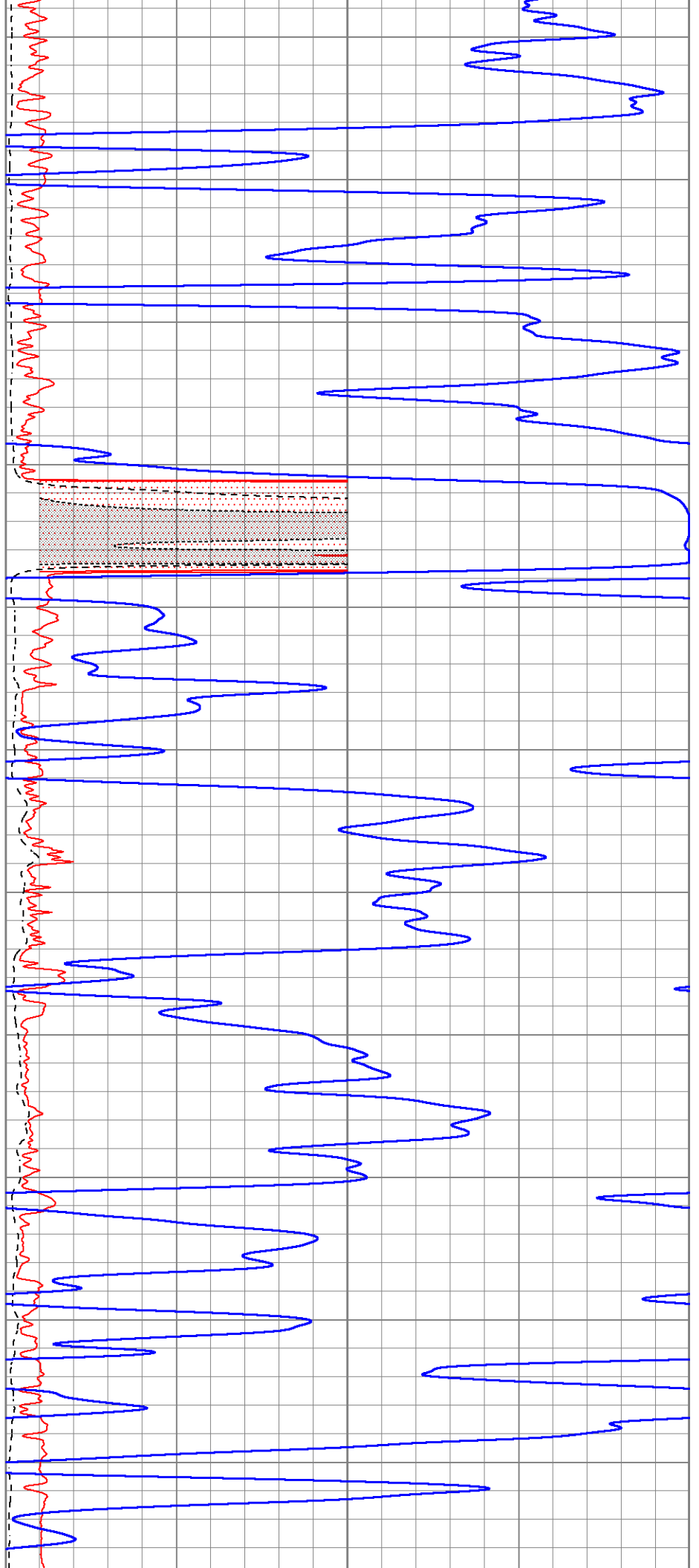
2400

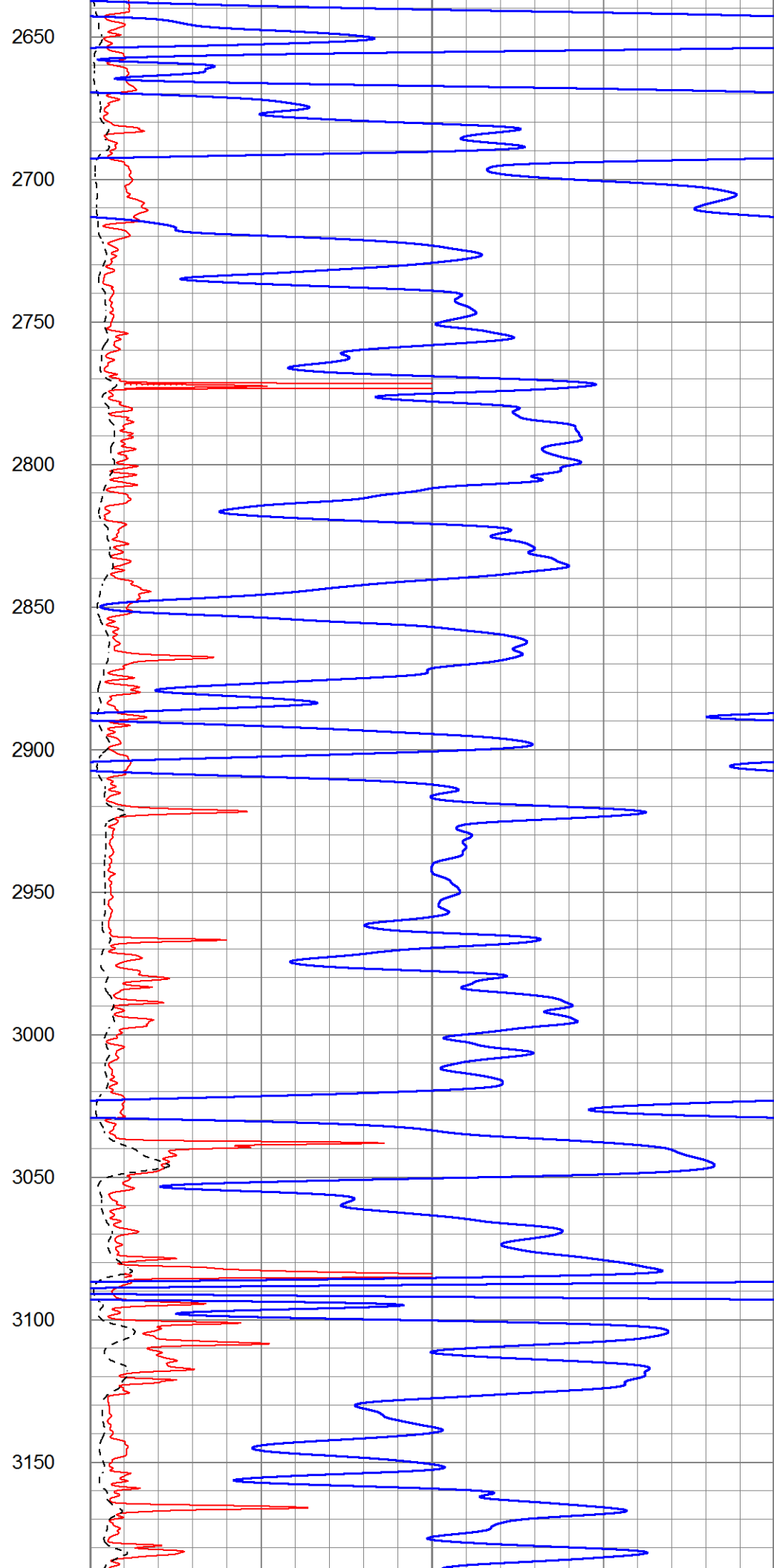
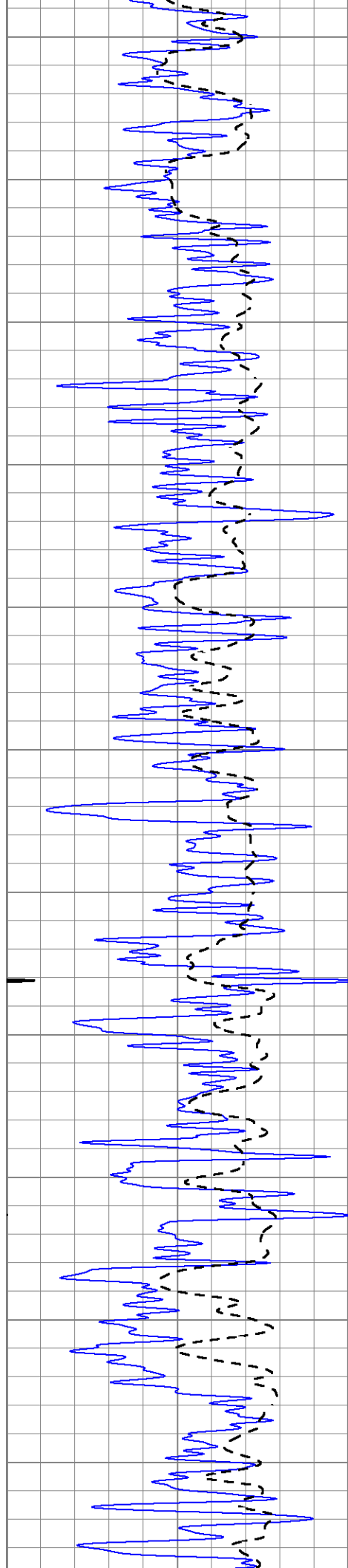
2450

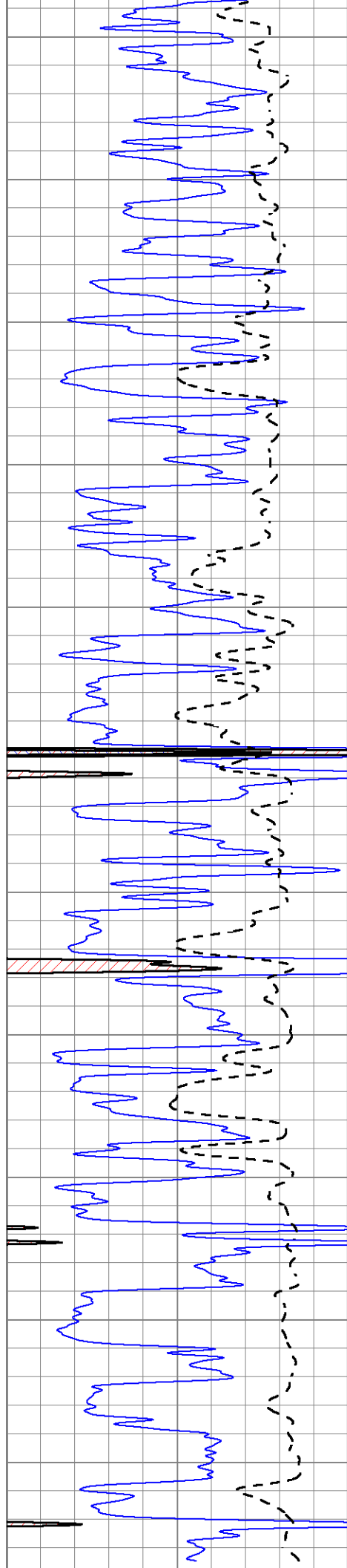
2500

2550

2600







3200

3250

3300

3350

3400

3450

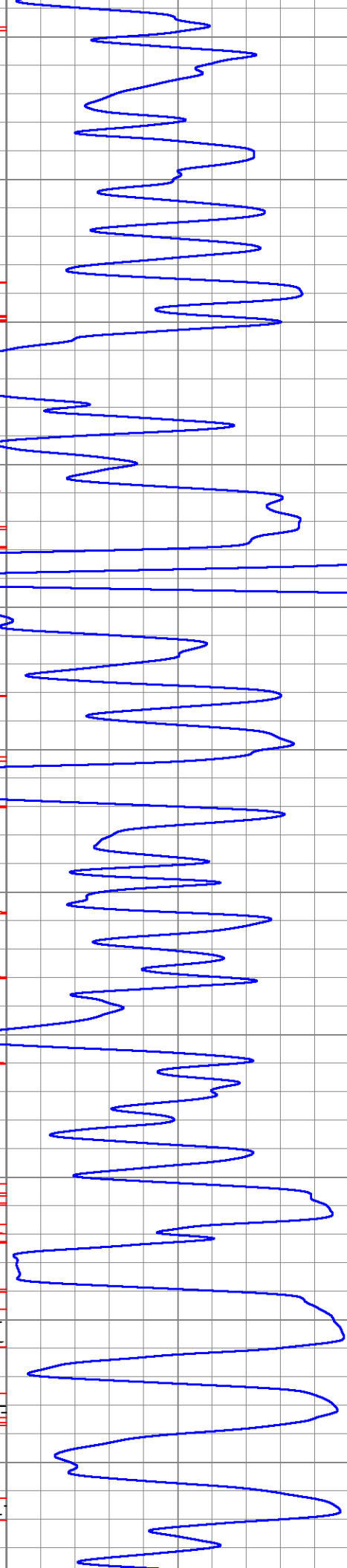
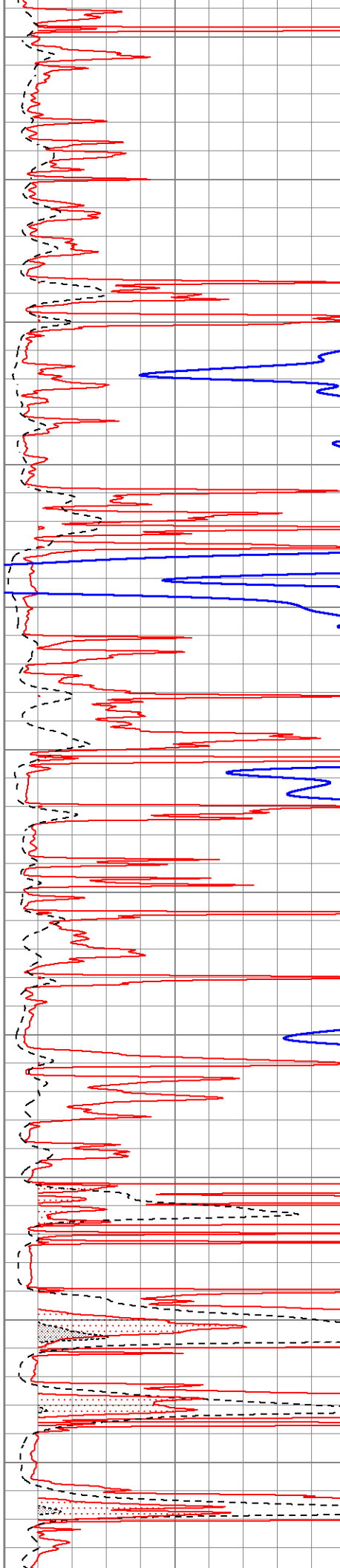
3500

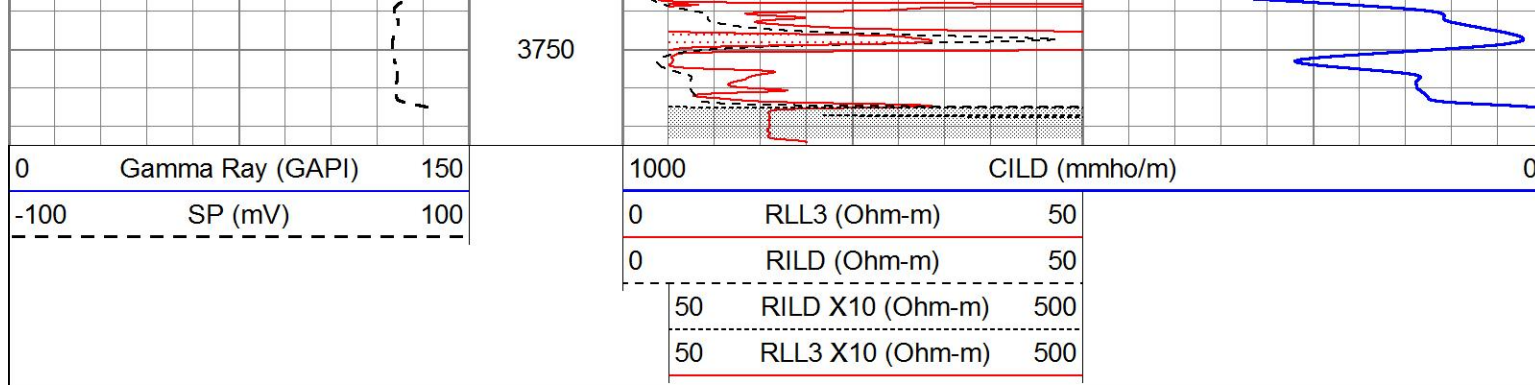
3550

3600

3650

3700

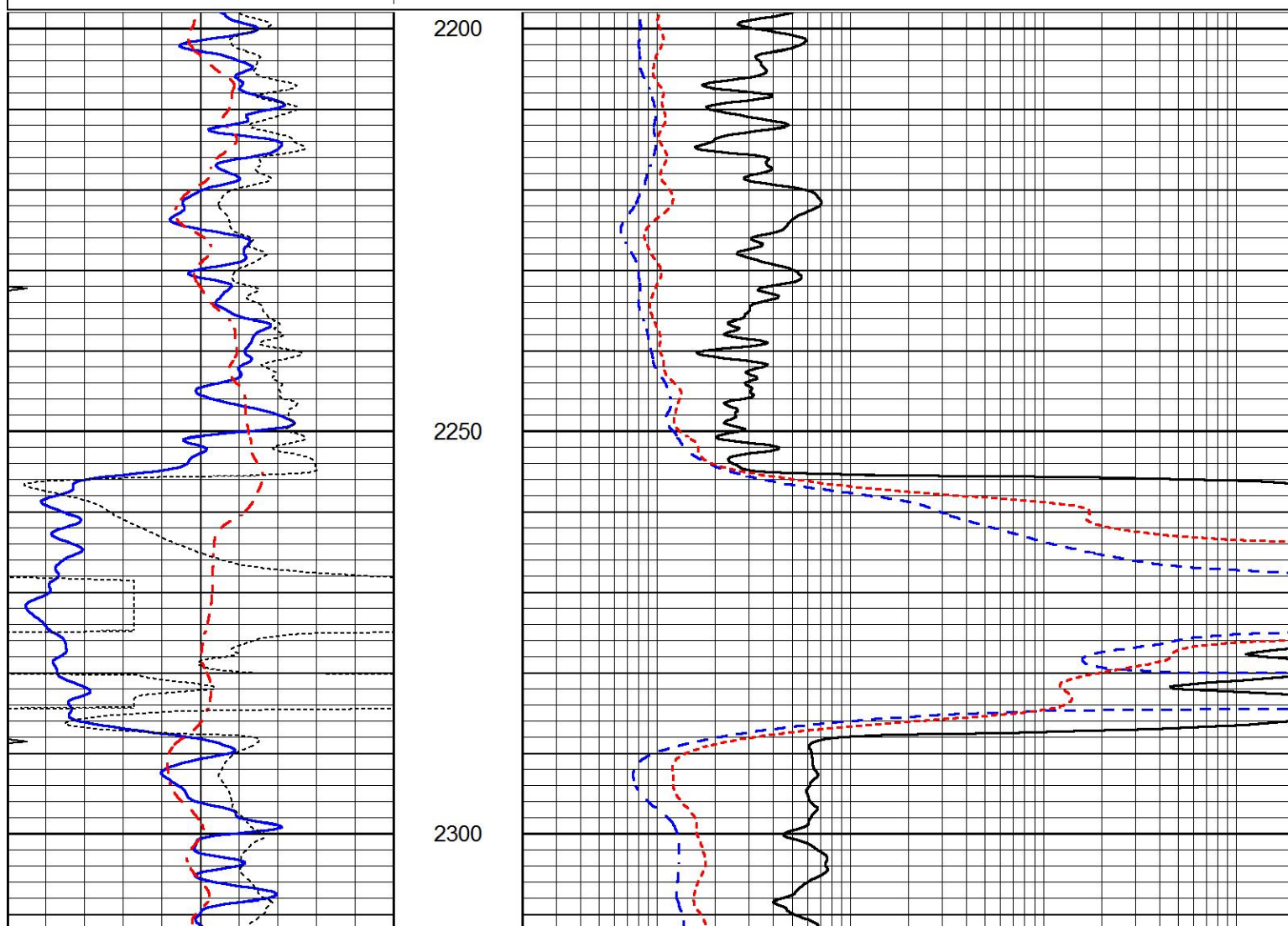


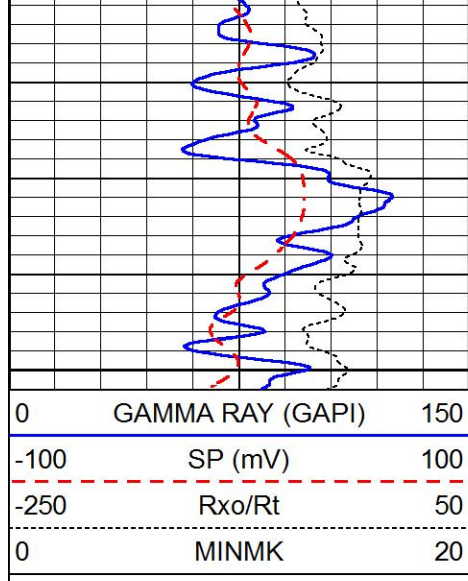


ANHYDRITE

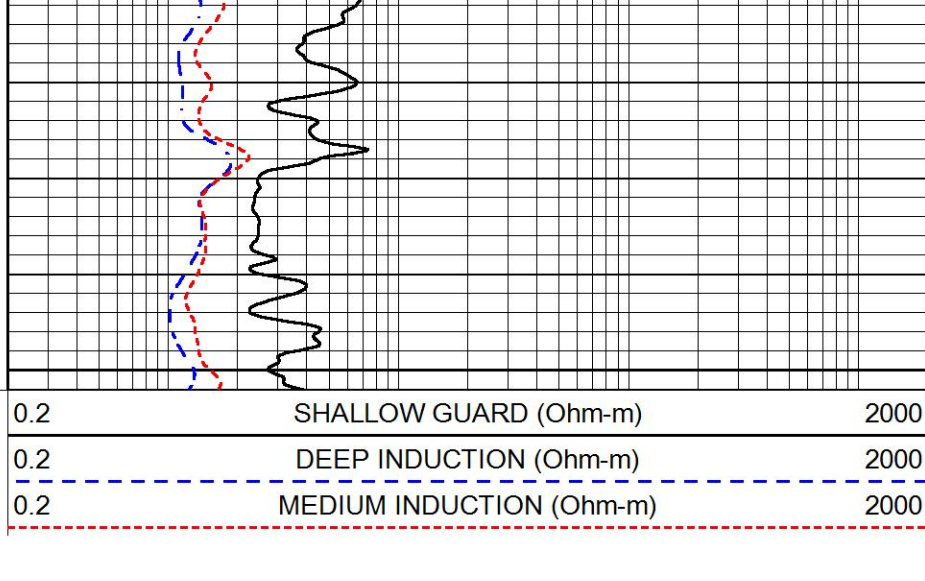
Database File 6803pe.db
 Dataset Pathname pass3.1A
 Presentation Format _dil
 Dataset Creation Wed Nov 23 00:54:04 2022
 Charted by Depth in Feet scaled 1:240

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			



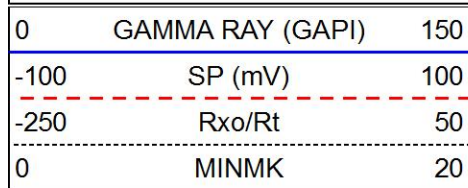


2350



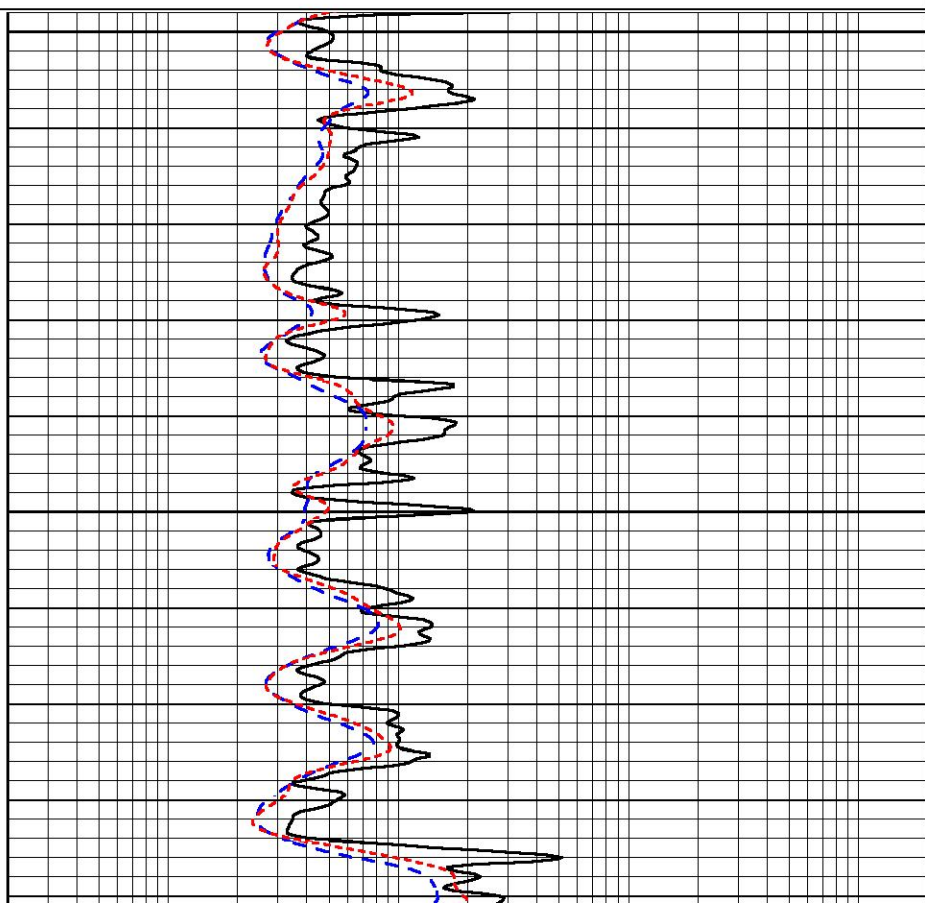
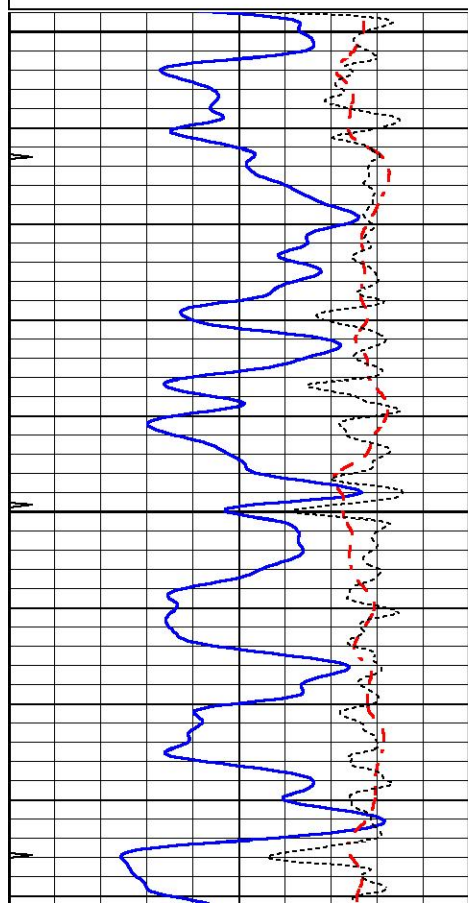
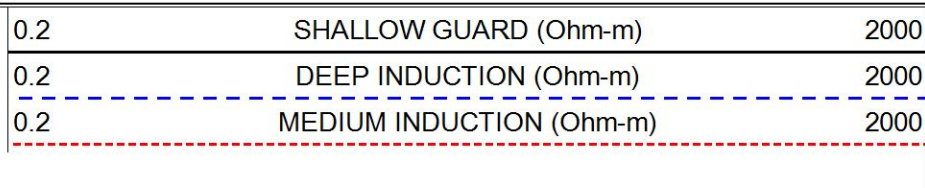
MAIN SECTION

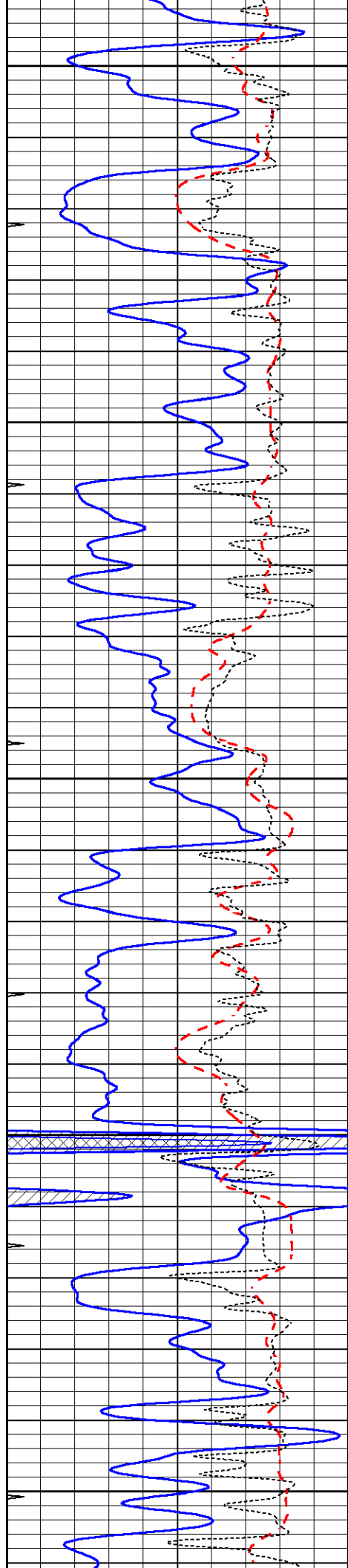
Database File 6803pe.db
 Dataset Pathname pass3.1M
 Presentation Format _dil
 Dataset Creation Wed Nov 23 00:53:29 2022
 Charted by Depth in Feet scaled 1:240



3200

3250





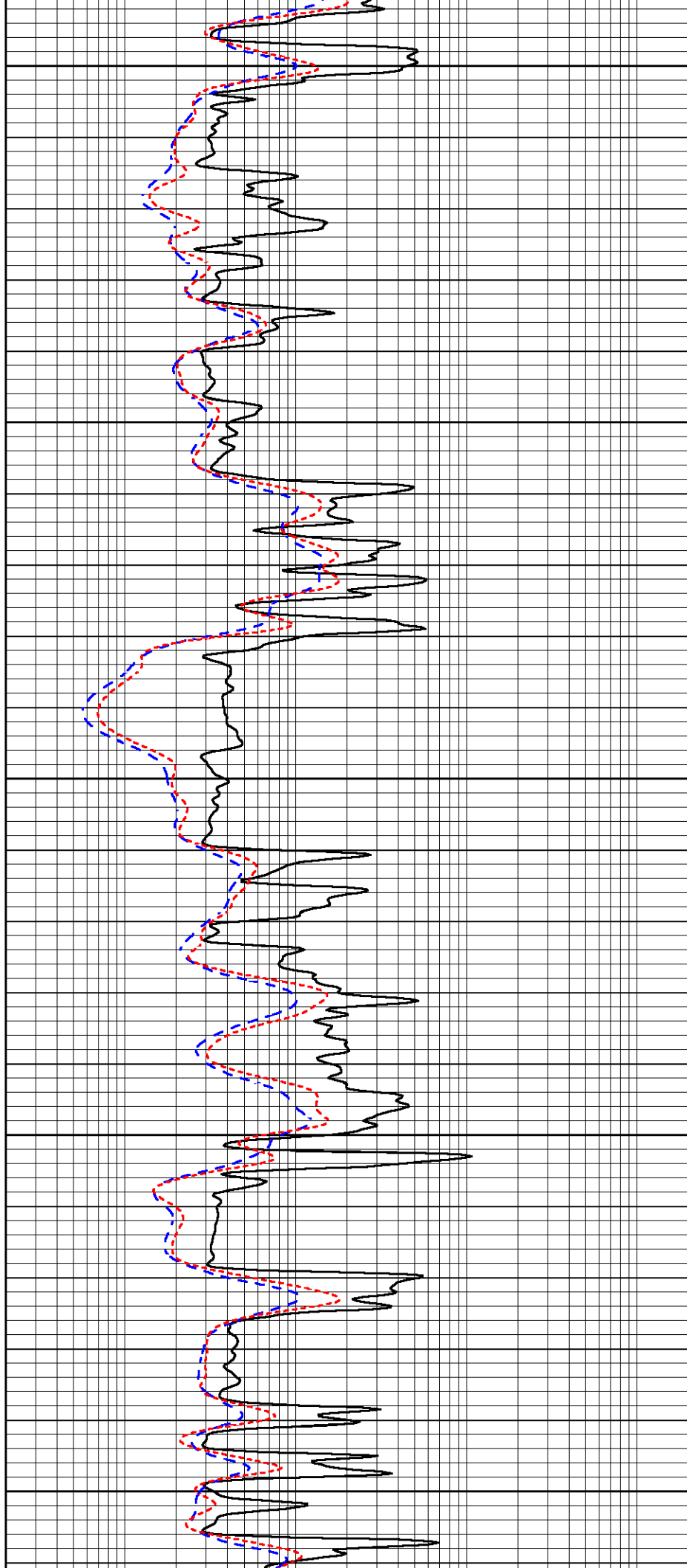
3300

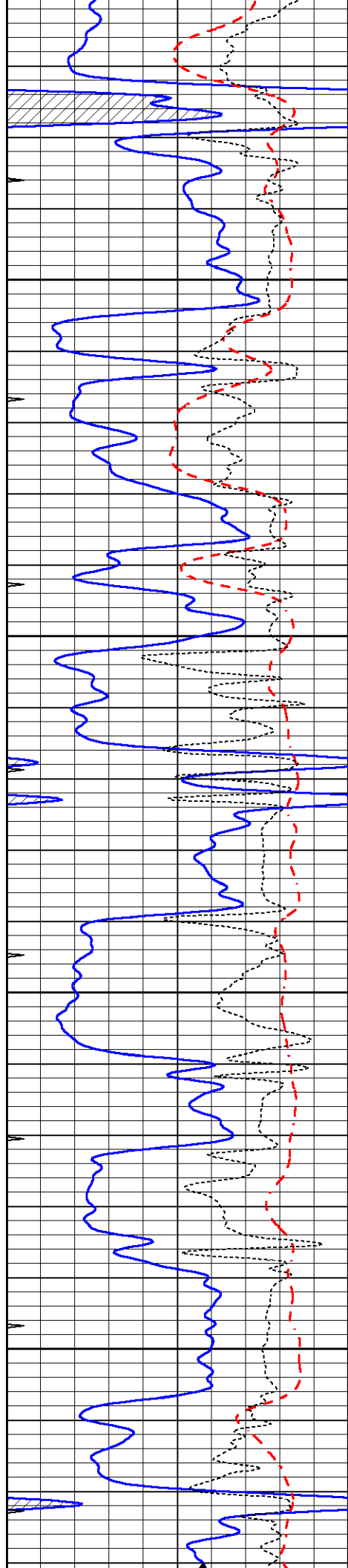
3350

3400

3450

3500



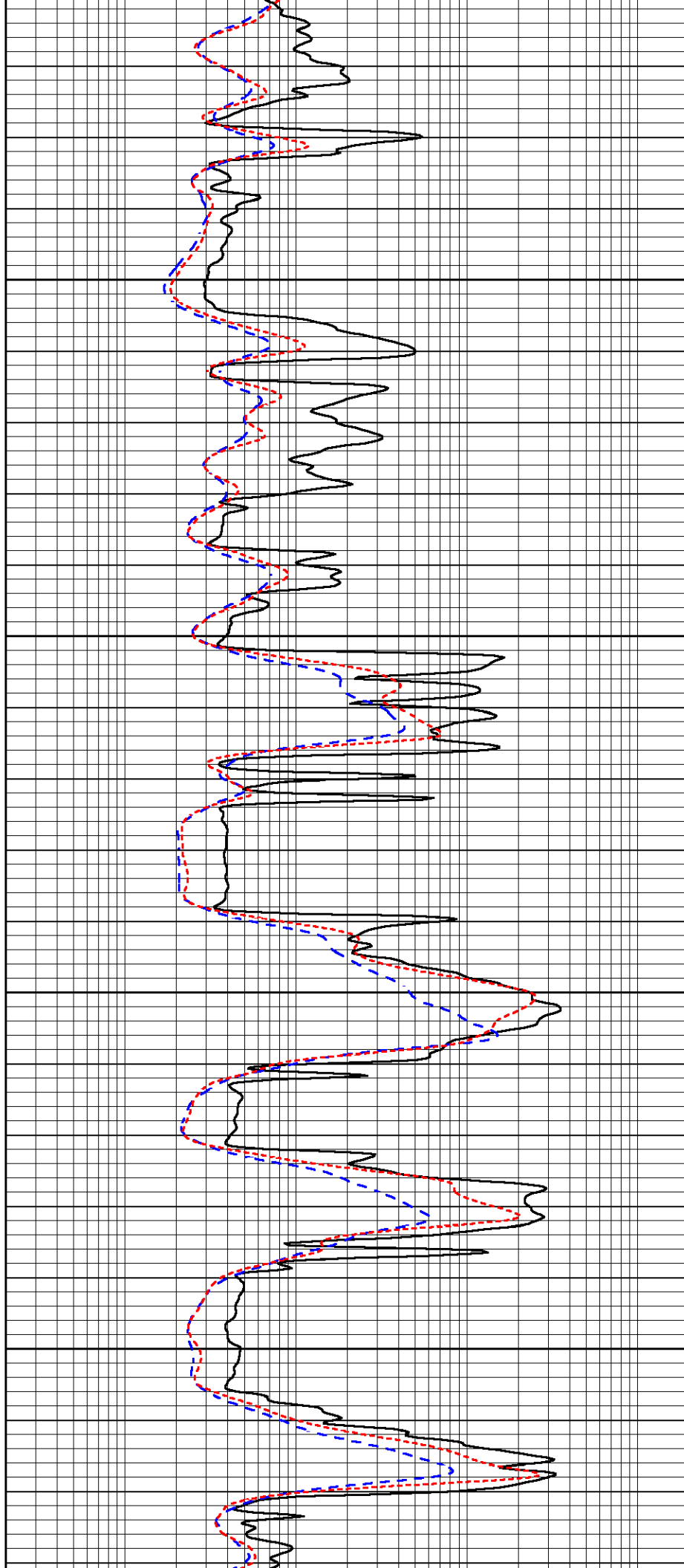


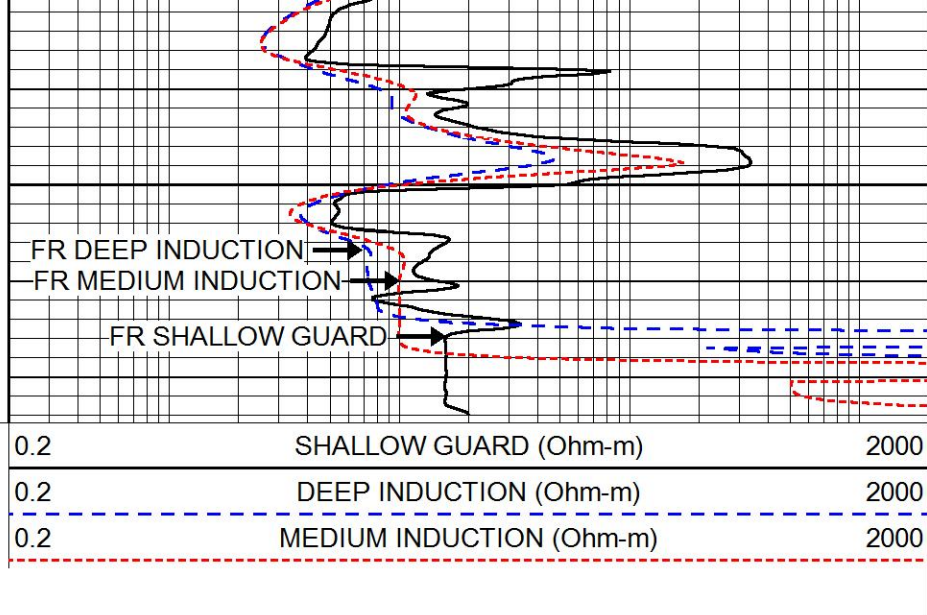
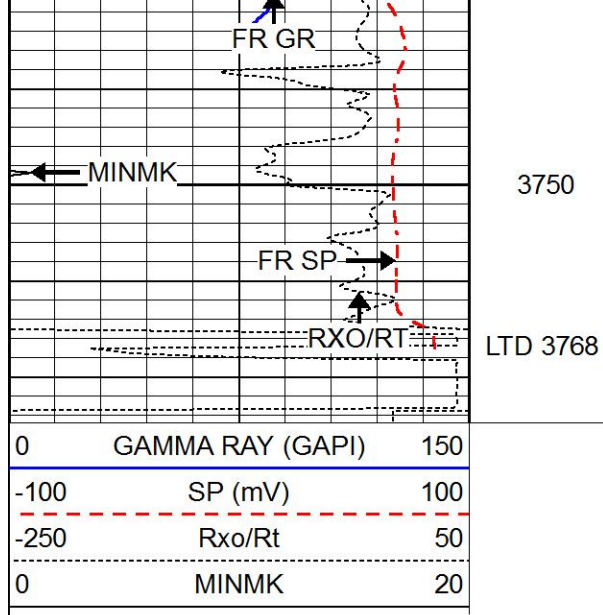
3550

3600

3650

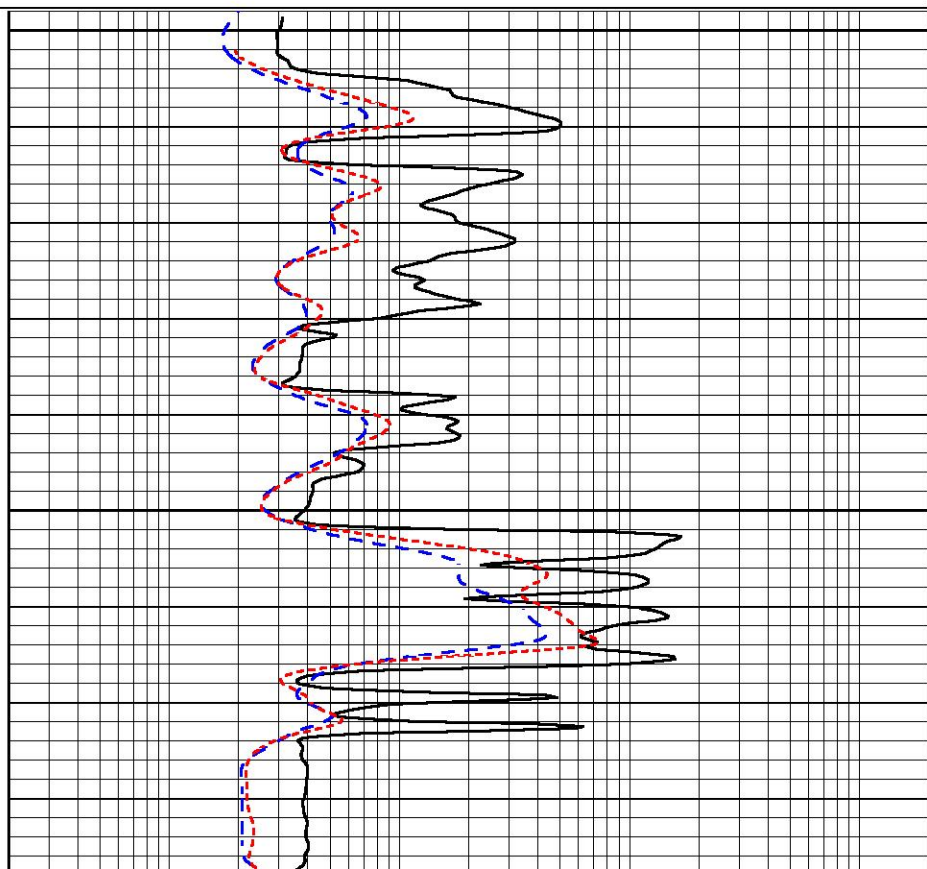
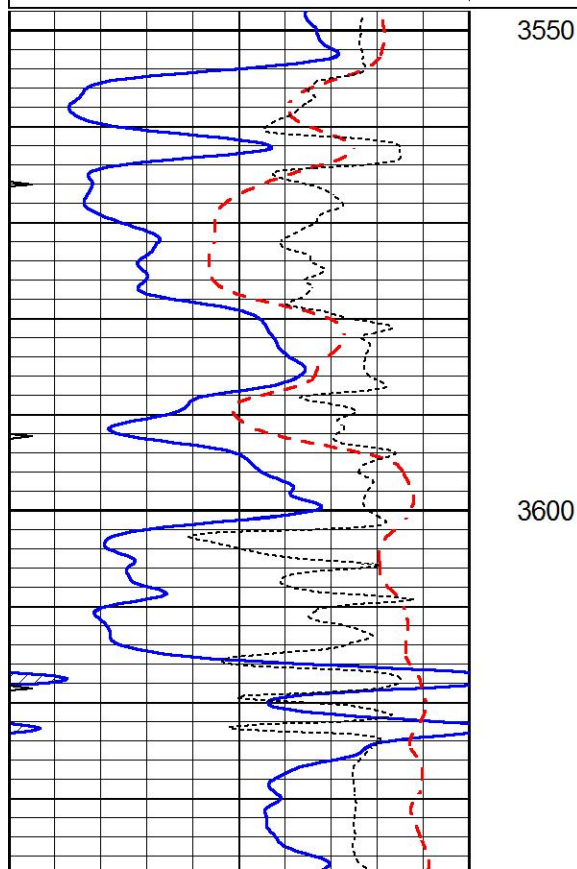
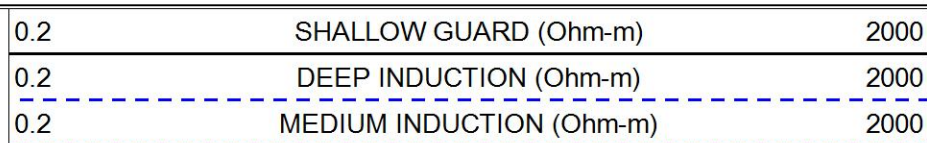
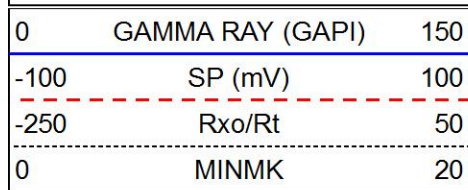
3700

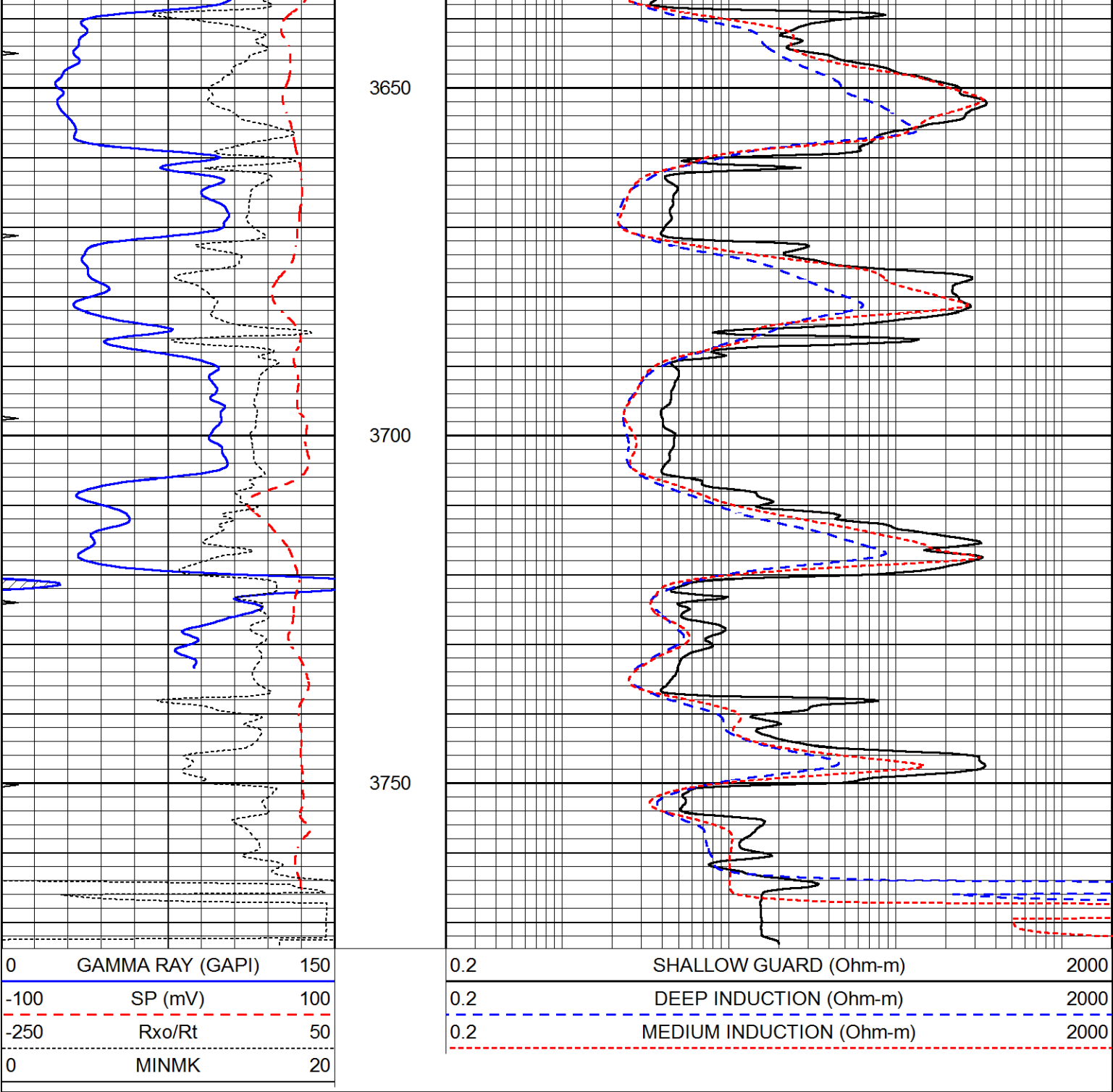




REPEAT SECTION

Database File 6803pe.db
 Dataset Pathname pass2.1R
 Presentation Format _dil
 Dataset Creation Wed Nov 23 00:15:57 2022
 Charted by Depth in Feet scaled 1:240





Calibration Report							
Database File	6803pe.db						
Dataset Pathname	pass3.1M						
Dataset Creation	Wed Nov 23 00:53:29 2022						
Dual Induction Calibration Report							
Serial-Model:				PROBE9-DILG			
Surface Cal Performed:				Tue Nov 22 23:50:51 2022			
Downhole Cal Performed:				Mon Jul 28 12:02:56 2008			
After Survey Verification Performed:				Mon Jul 28 12:02:56 2008			
Surface Calibration							
		Readings		References		Results	
Loop:	Air	Loop		Air	Loop	m	b
Deep	0.014	0.000	V	0.000	100.000	mmho/m	605.000 16.000

Deep	-0.014	0.629	V	0.000	400.000	mmho/m	625.000	-16.000
Medium	0.039	0.728	V	0.000	464.000	mmho/m	600.000	-18.000
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 Fri Nov 04 15:19:59 2022					
	Background	Magnesium		Aluminum		Aluminum+Fe		
Window 1	1153.2	7232.1		2536.8		2279.5		cps
Window 2	1055.6	6225.5		2222.3		2030.5		cps
Window 3	902.5	3849.3		1546.4		1462.0		cps
Window 4	254.4	258.2		253.1		253.9		cps
Long Space	0.0	5169.9		1166.7		974.9		cps
Short Space	4.7	1383.0		950.5		792.1		cps
Rho		1.7100		2.5900		0.0000		g/cc
Pe		2.0000		2.7500		5.7900		
Rib Angle	: 45.9	Rib Slope	: 1.031	Density/Spine Ratio		: 0.573		
Spine Angle	: 75.9	Spine Slope	: 3.970	Spine Intercept		: -20.2		
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: Tool Model:		6I G		
CALIBRATION						
Detector		Readings		Target		Normalization
Short Space		1.00	cps	1.00	cps	1.0000
Long Space		1.00	cps	1.00	cps	1.0000
PRE-SURVEY VERIFICATION						
Detector		Readings		Measured		Target
1)	Short Space		cps			
	Long Space		cps	pu		pu
2)	Short Space		cps			
	Long Space		cps	pu		
3)	Short Space		cps			
	Long Space		cps	pu		
POST-SURVEY VERIFICATION						
Detector		Readings		Measured		Target
1)	Short Space		cps			
	Long Space		cps	pu		pu
2)	Short Space		cps			
	Long Space		cps	pu		pu
3)	Short Space		cps			
	Long Space		cps	pu		pu
Gamma Ray Calibration Report						
Serial Number:		GR6				
Tool Model:		OPEN				
Performed:		Tue Nov 08 13:43:57 2022				
Calibrator Value:		150.0		GAPI		
Background Reading:		0.0		cps		
Calibrator Reading:		276.0		cps		
Sensitivity:		0.8500		GAPI/cps		