

Company		Castle Resources Inc.	
Well		Hawkinson #1	
Field		Wildcat	
County		Ness	
State		Kansas	
Location:		API # : 15 135 25478	
SEC 33 TWP 18S RGE 23W		2035' FSL & 2200' FWL	
Permanent Datum Log Measured From		Ground Level KB 5' AGL	
Drilling Measured From		KB	
Other Services		CDNL	
Elevation		K.B. 2256' D.F. 2255' G.L. 2251'	
Date	9-22-12		
Run Number	One		
Depth Driller	4350'		
Depth Logger	4352'		
Bottom Logged Interval	4350'		
Top Log Interval	3400'		
Casing Driller	8 5/8" @ 205'		
Casing Logger	205'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.5/50		
pH / Fluid Loss	8.0/1.2		
Source of Sample	Pit		
Rm @ Meas. Temp	.36 @ 76degf		
Rmf @ Meas. Temp	.27 @ 76degf		
Rmc @ Meas. Temp	.43 @ 76degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	.23 @ 120degf		
Time Circulation Stopped	1:00 p.m.		
Time Logger on Bottom	3:00 p.m.		
Maximum Recorded Temperature	120degf		
Equipment Number	T045		
Location	Hays, KS.		
Recorded By	L. Smith		
Witnessed By	Mr. Jerry Green		

<<< 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.

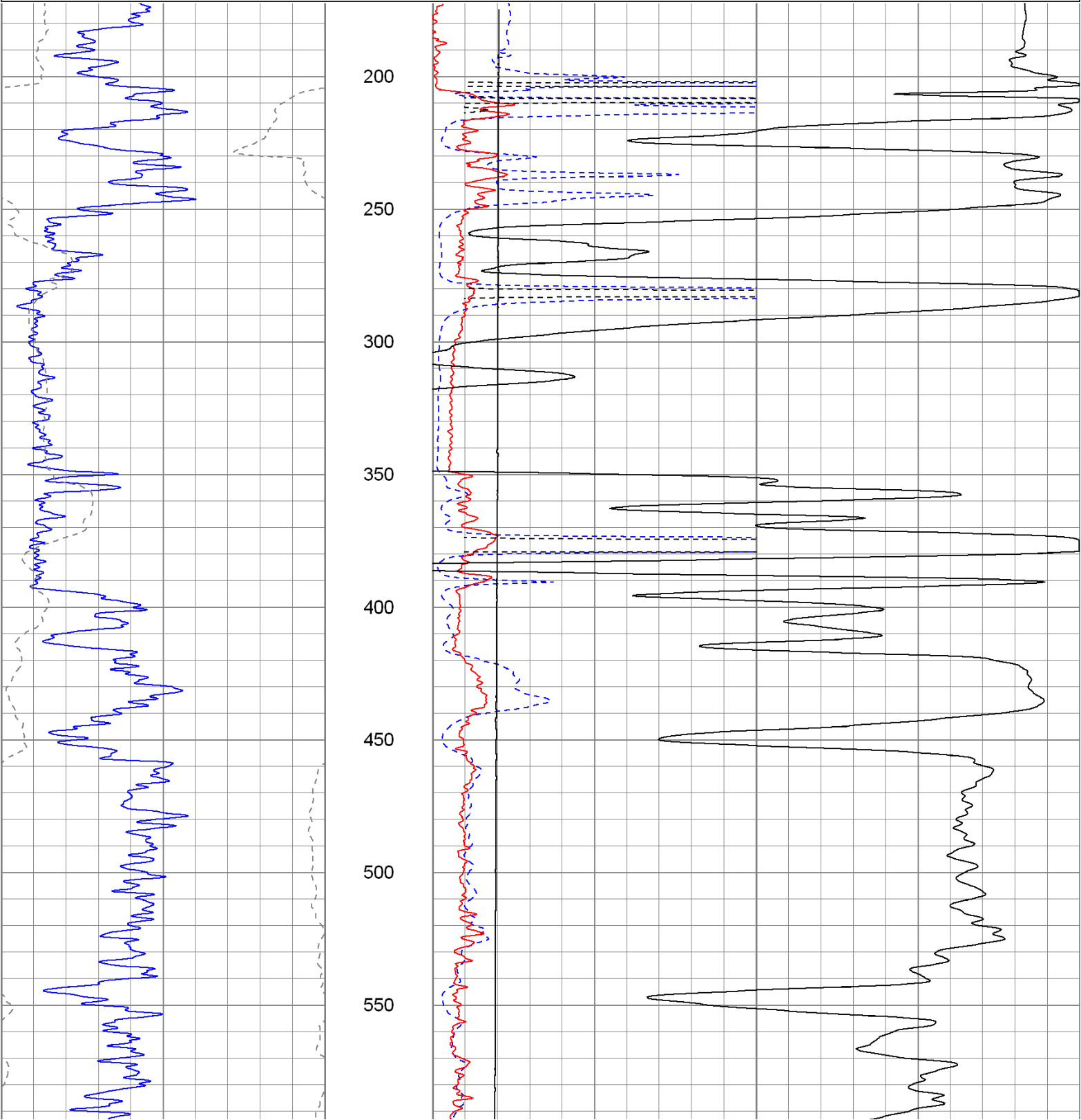
Comments

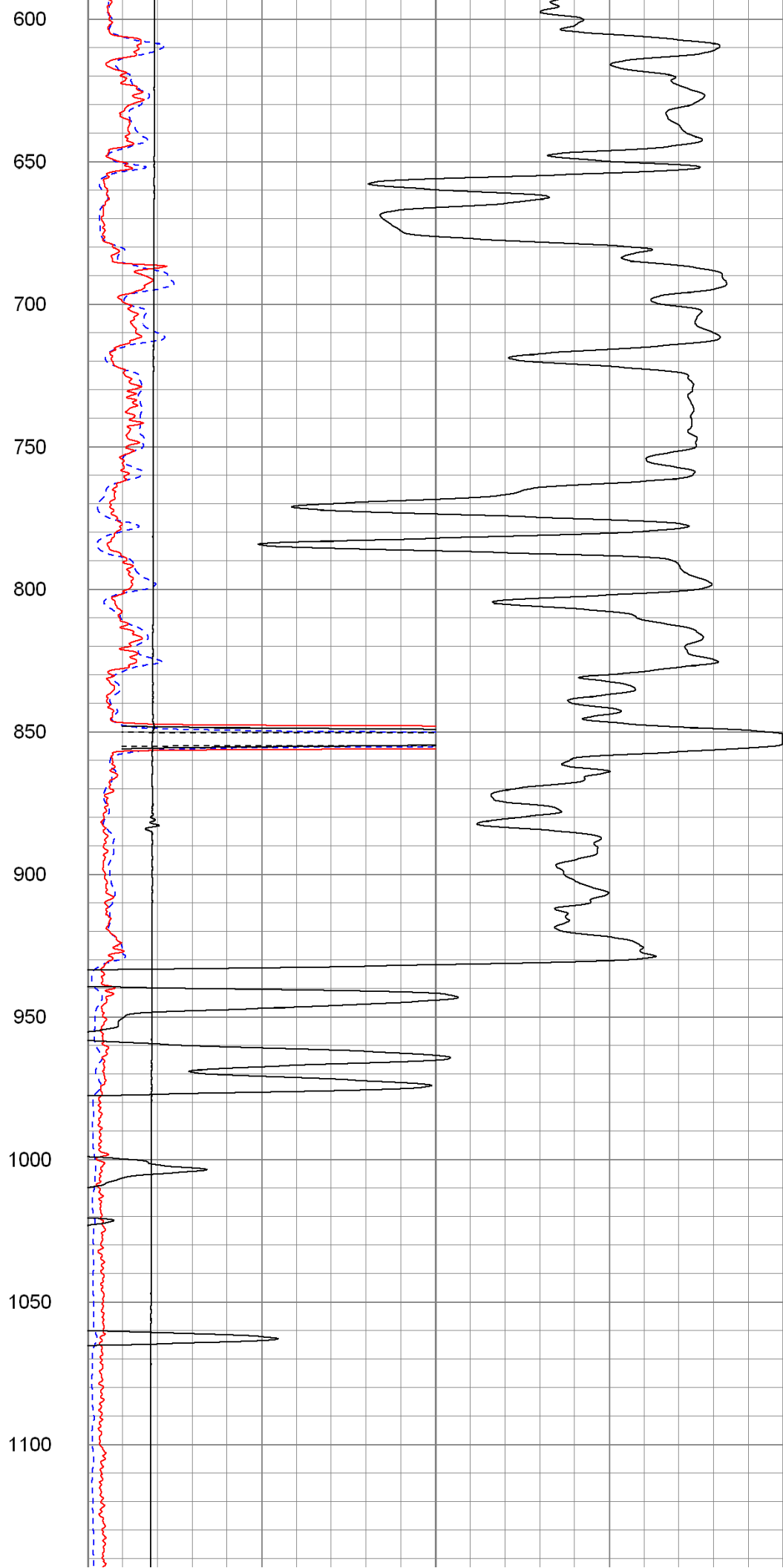
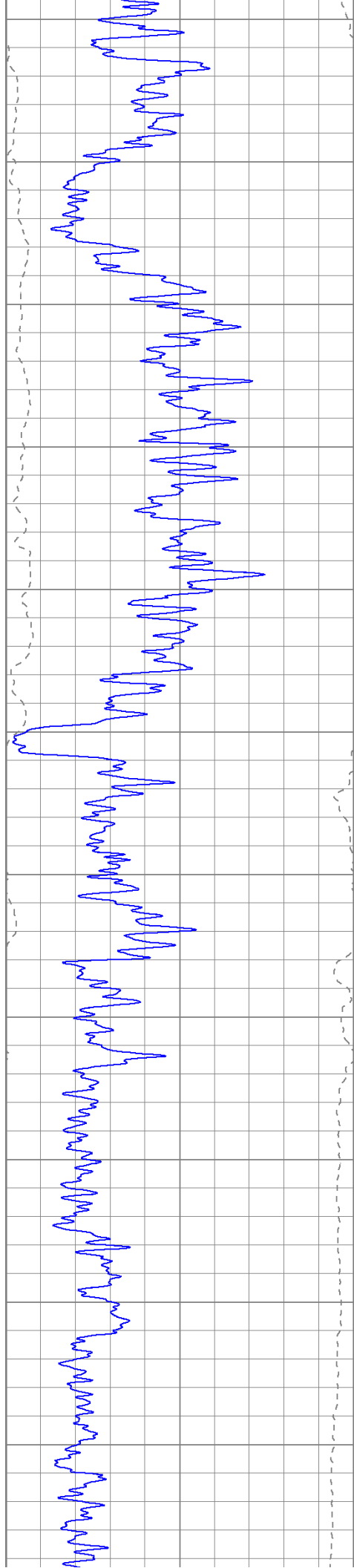
Thanks for using The Perforators LLC Hays, KS. (785-621-4604)

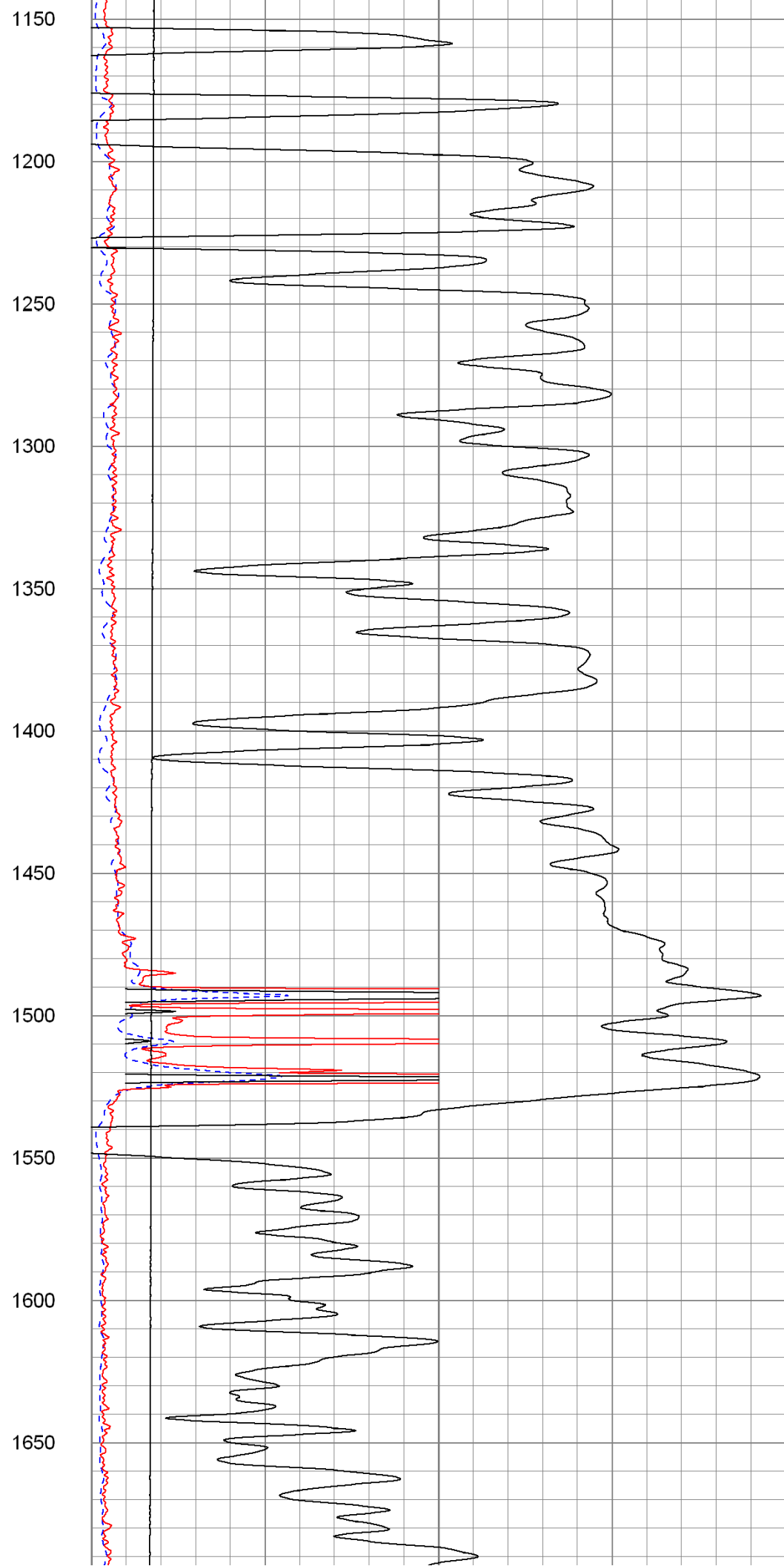
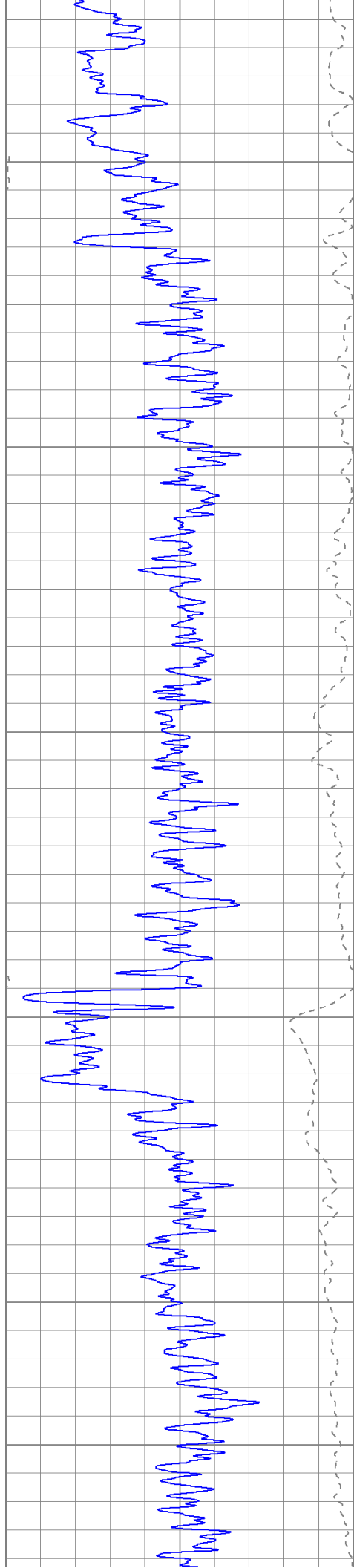
Database File: crhawkinson#1oh.db
Dataset Pathname: pass2
Presentation Format: kdrilln2
Dataset Creation: Sat Sep 22 15:09:15 2012 by Log Open-Cased 100827
Charted by: Depth in Feet scaled 1:600

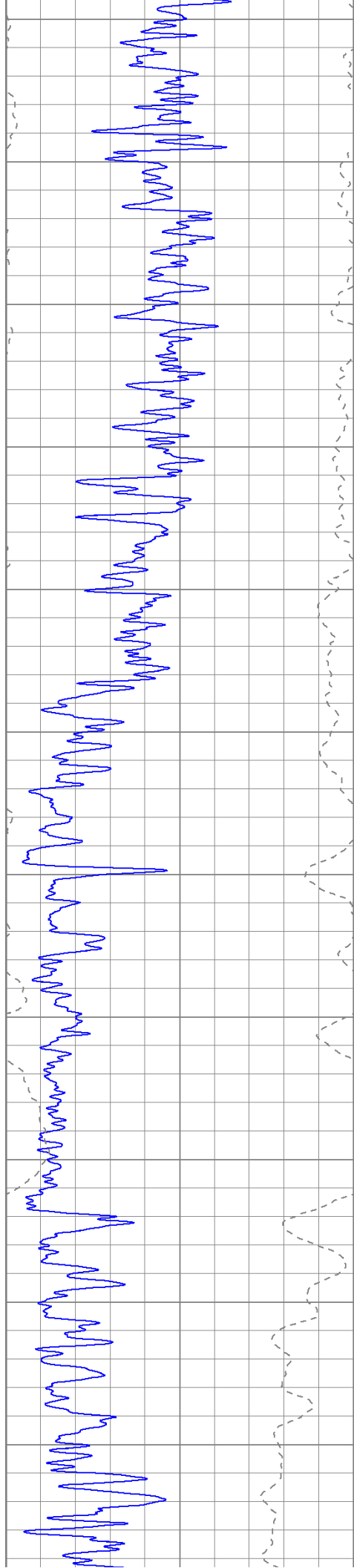
0	GR (GAPI)	150
-200	SP (mV)	0

0	RILD (Ohm-m)	50
0	RLL3 (Ohm-m)	50
1000	CILD (mmho/m)	0
10000	LTEN (lb)	0
50	RILD x 10 (Ohm-m)	500
50	RLL3 x 10 (Ohm-m)	500

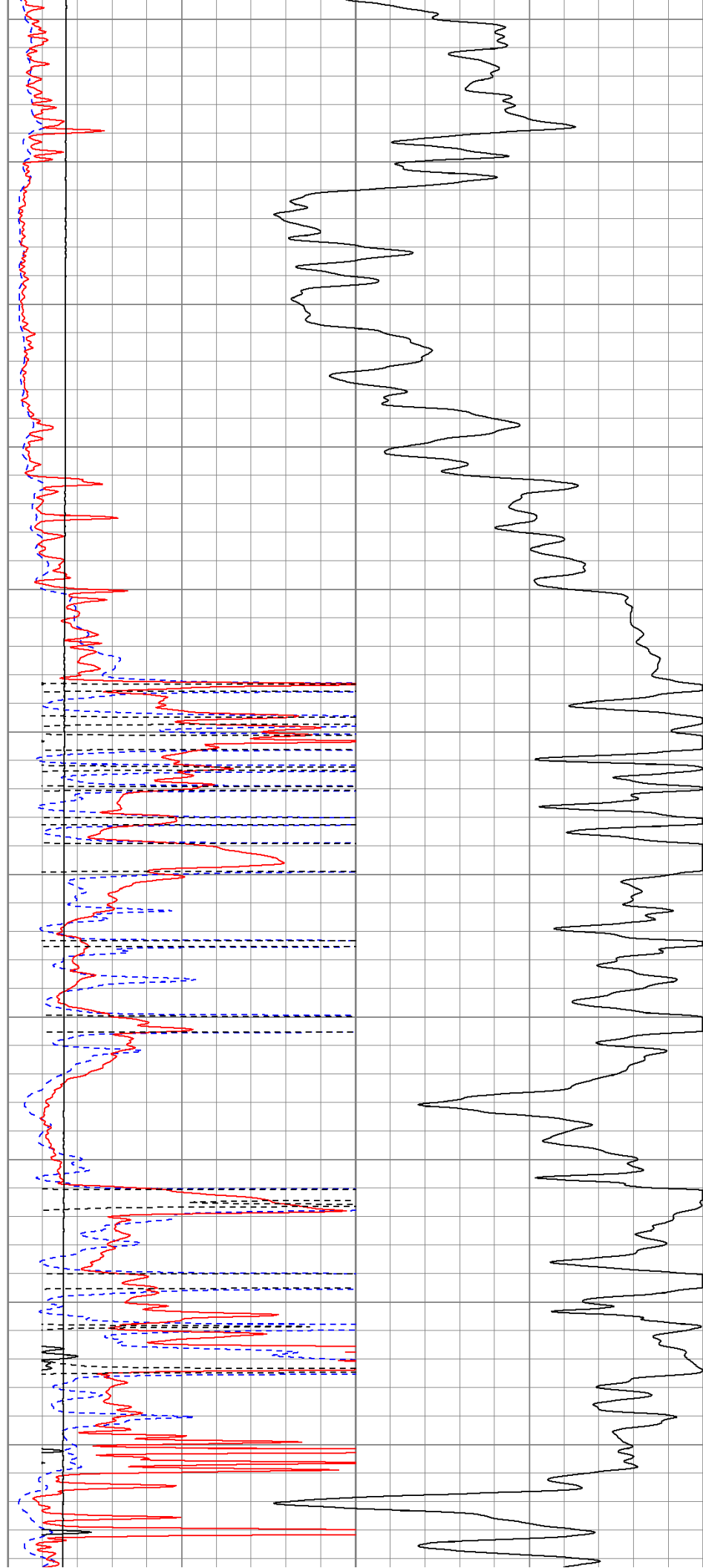


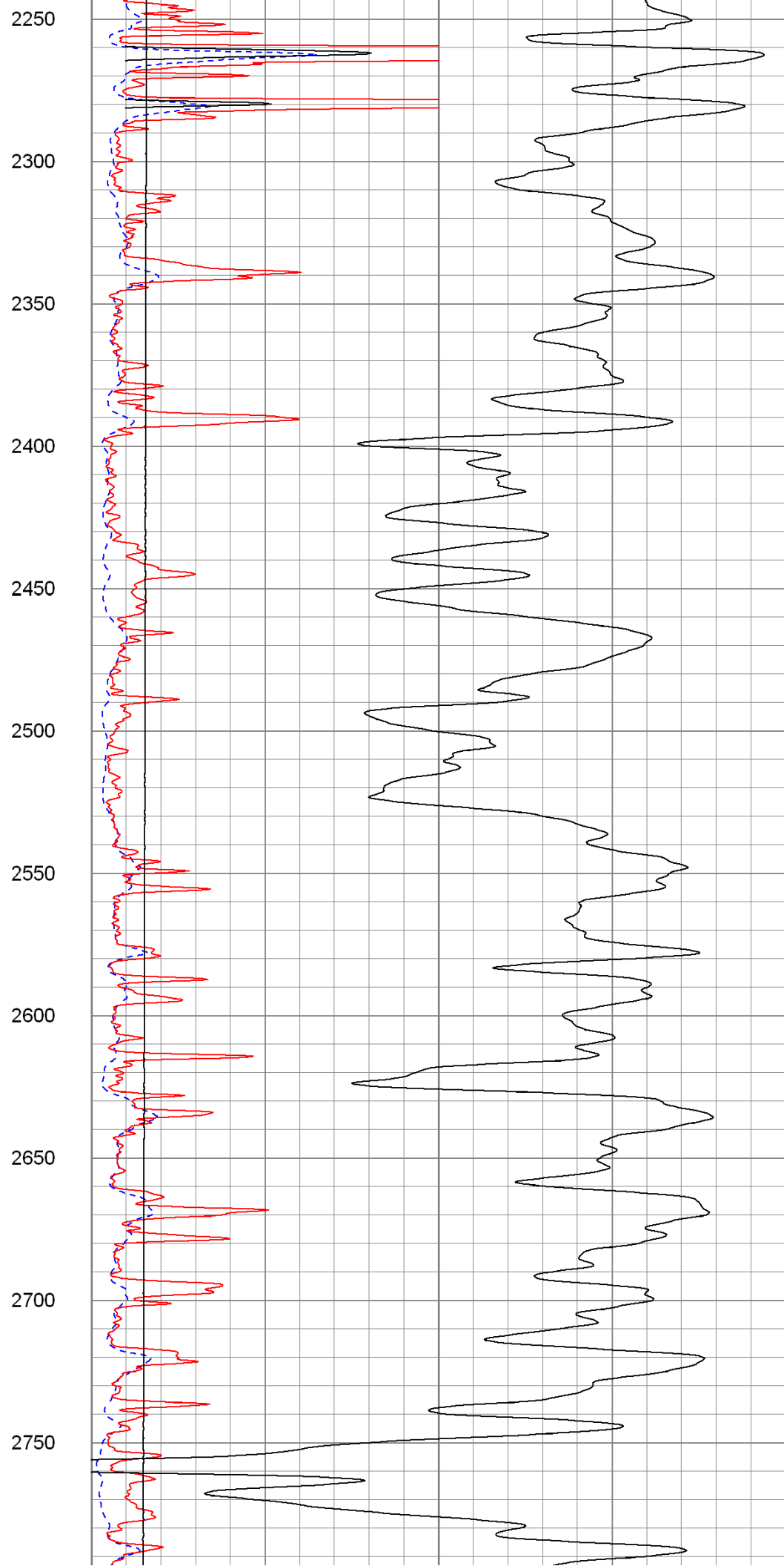
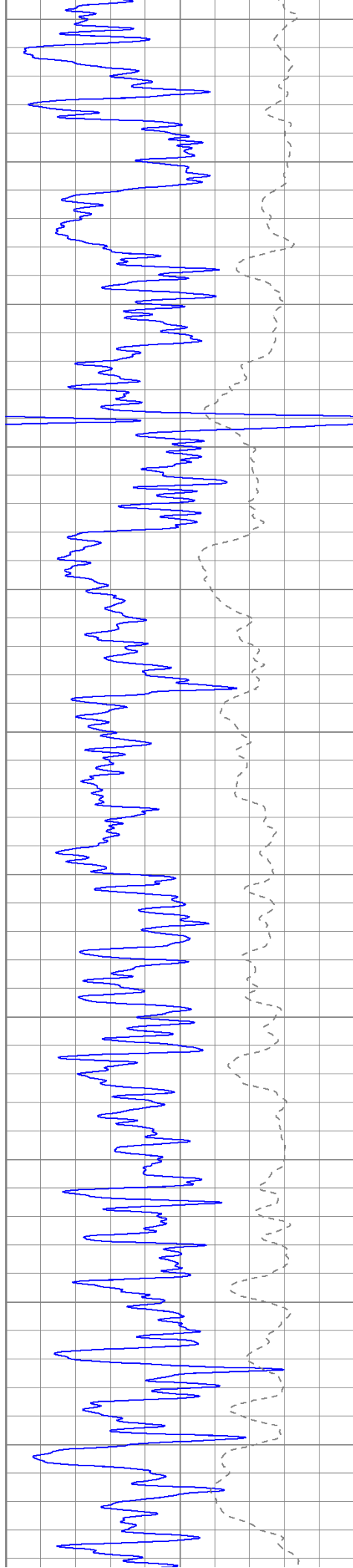


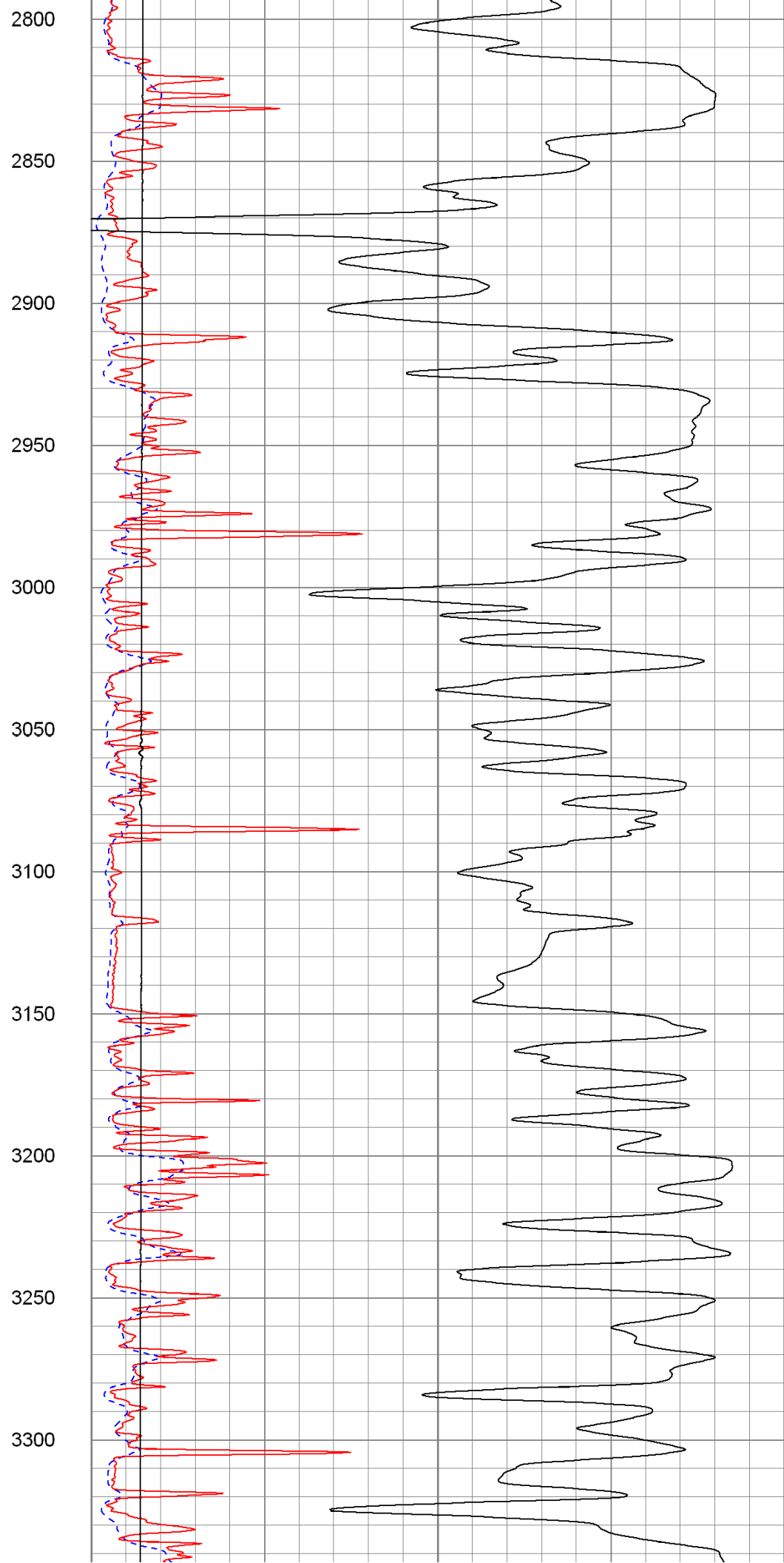
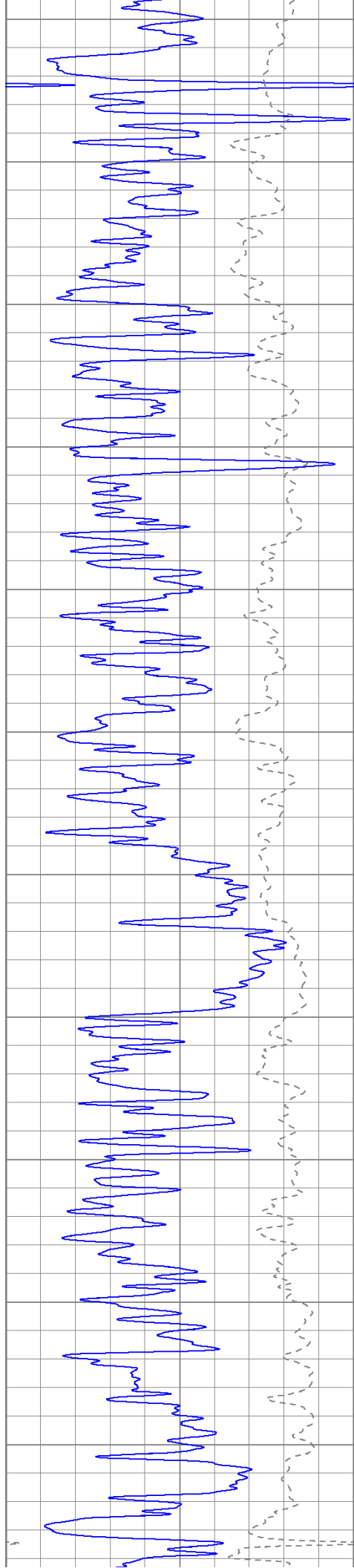


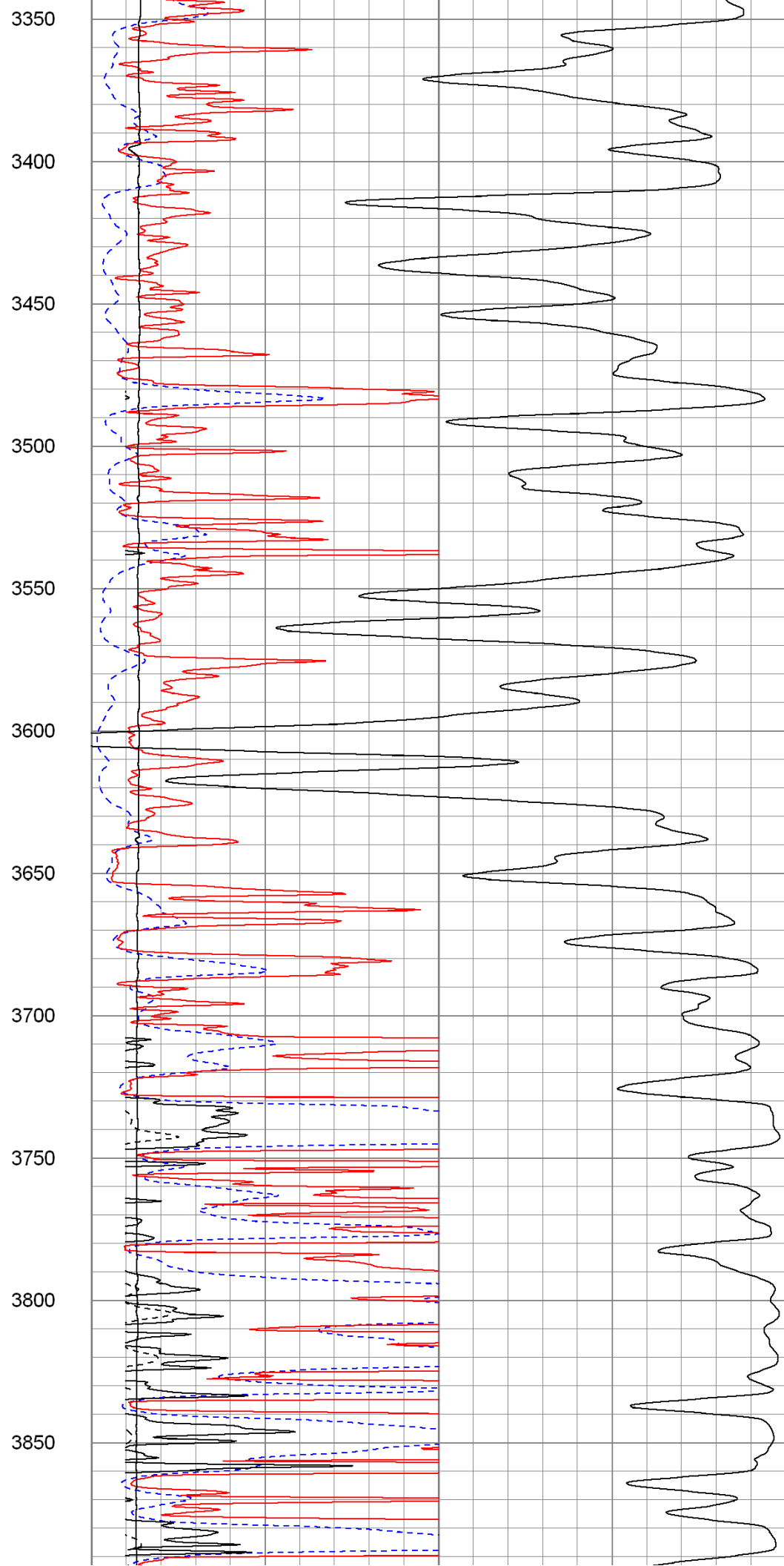
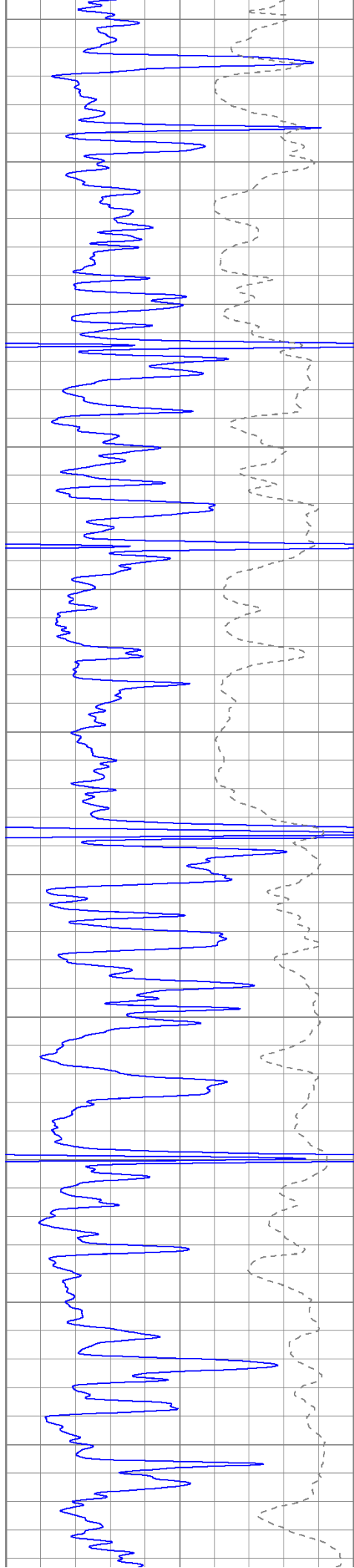


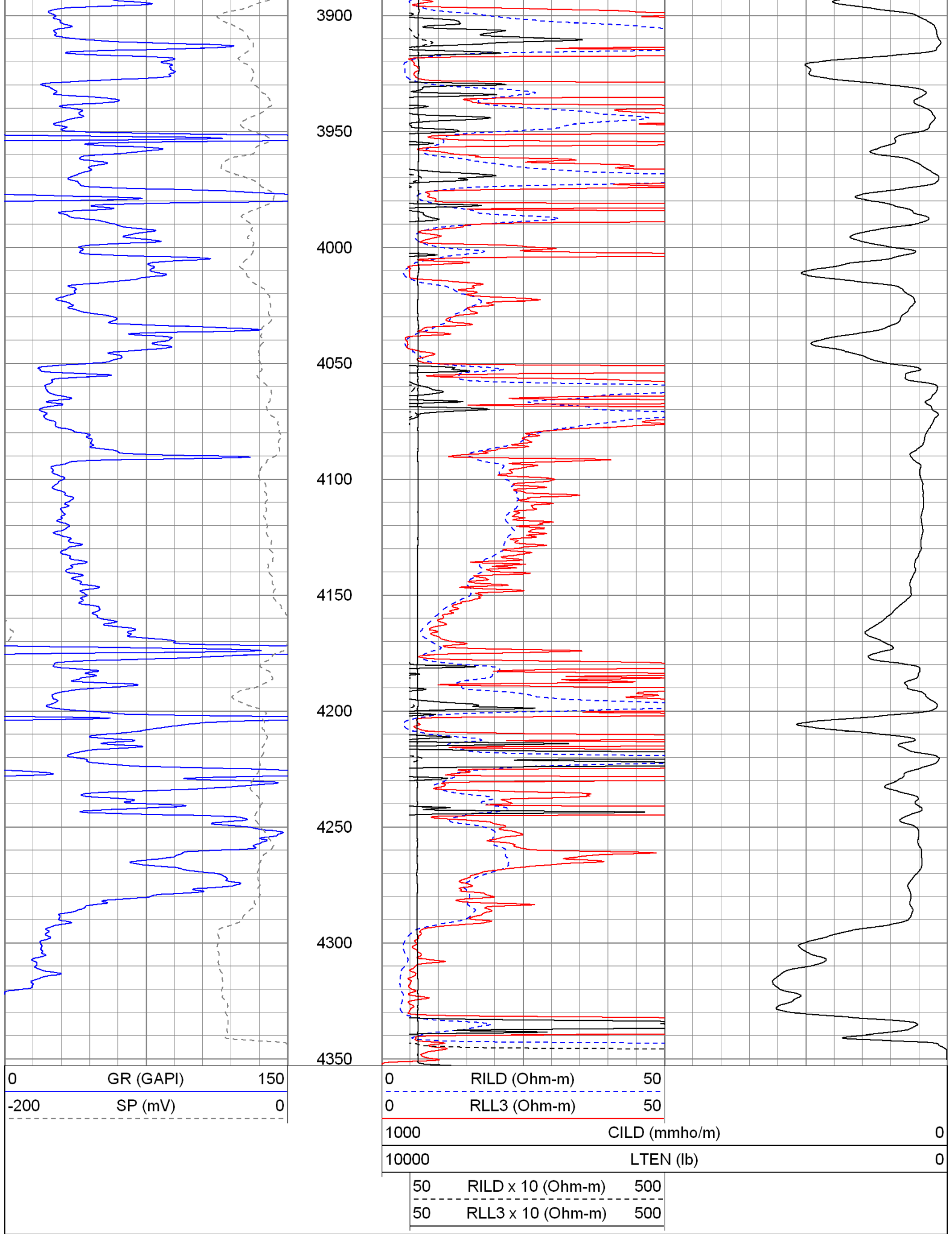
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200









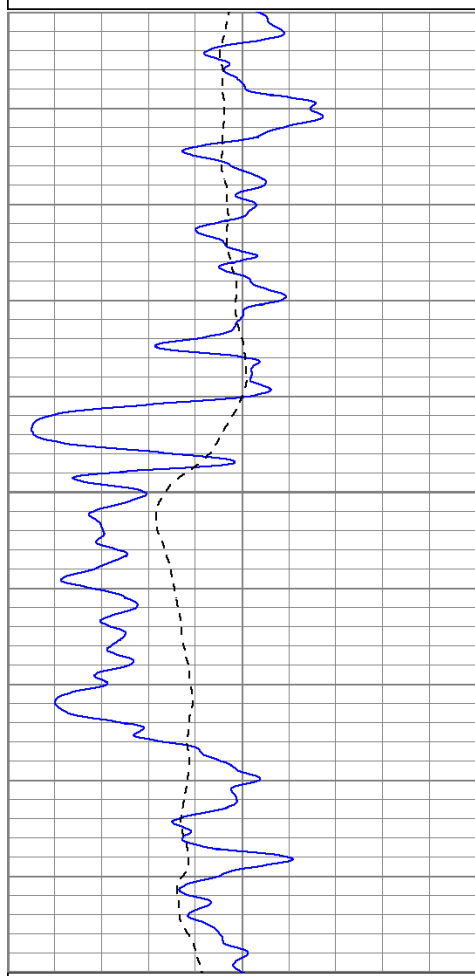


Main Pass

Database File: crhawkinson#1oh.db
 Dataset Pathname: pass2
 Presentation Format: kdil
 Dataset Creation: Sat Sep 22 15:09:15 2012 by Log Open-Cased 100827
 Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150
-100	SP (mV)	100

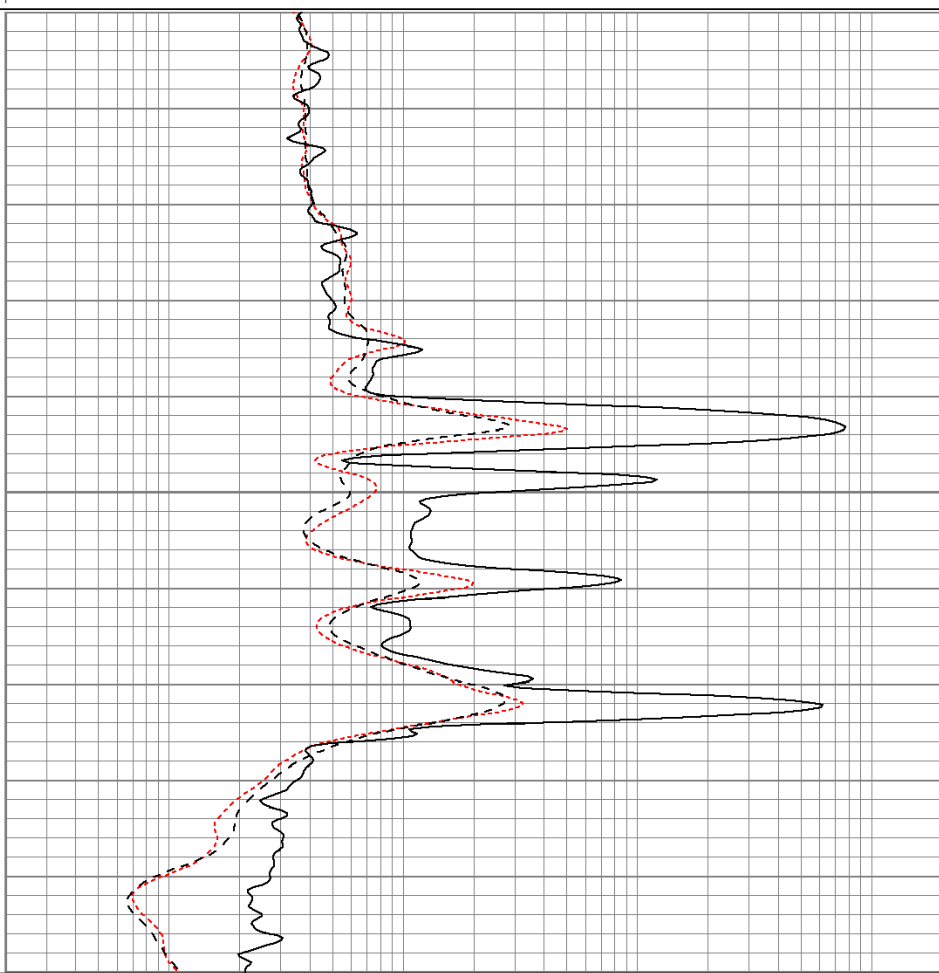
0.2	RILM (Ohm-m)	2000
0.2	RILD (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000



1450

1500

1550



0	GR (GAPI)	150
-100	SP (mV)	100

0.2	RILM (Ohm-m)	2000
0.2	RILD (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000

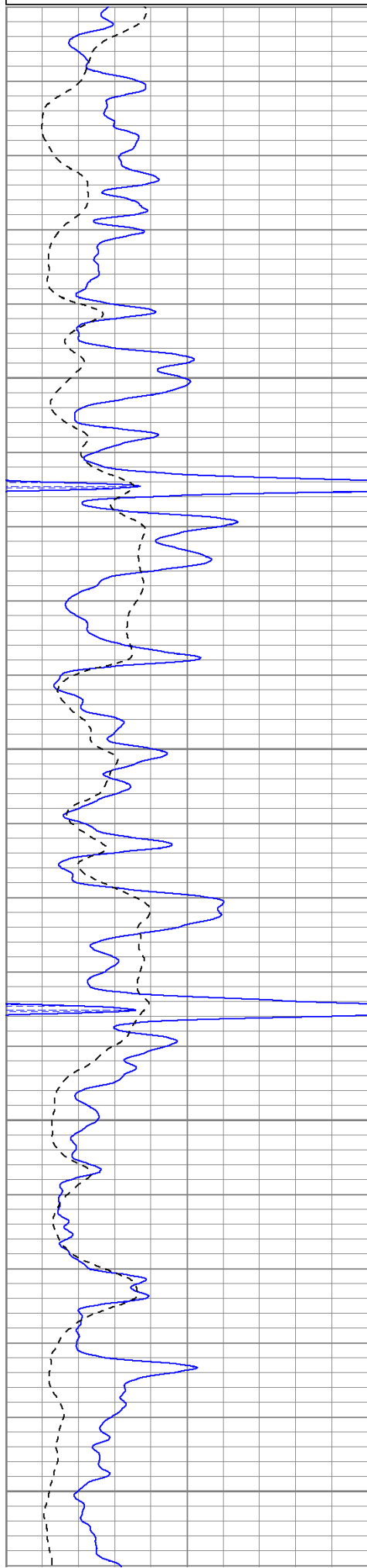
Main Pass

Database File: crhawkinson#1oh.db
 Dataset Pathname: pass2
 Presentation Format: kdil
 Dataset Creation: Sat Sep 22 15:09:15 2012 by Log Open-Cased 100827
 Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150
---	-----------	-----

0.2	RILM (Ohm-m)	2000
-----	--------------	------

-100 SP (mV) 100



3400

3450

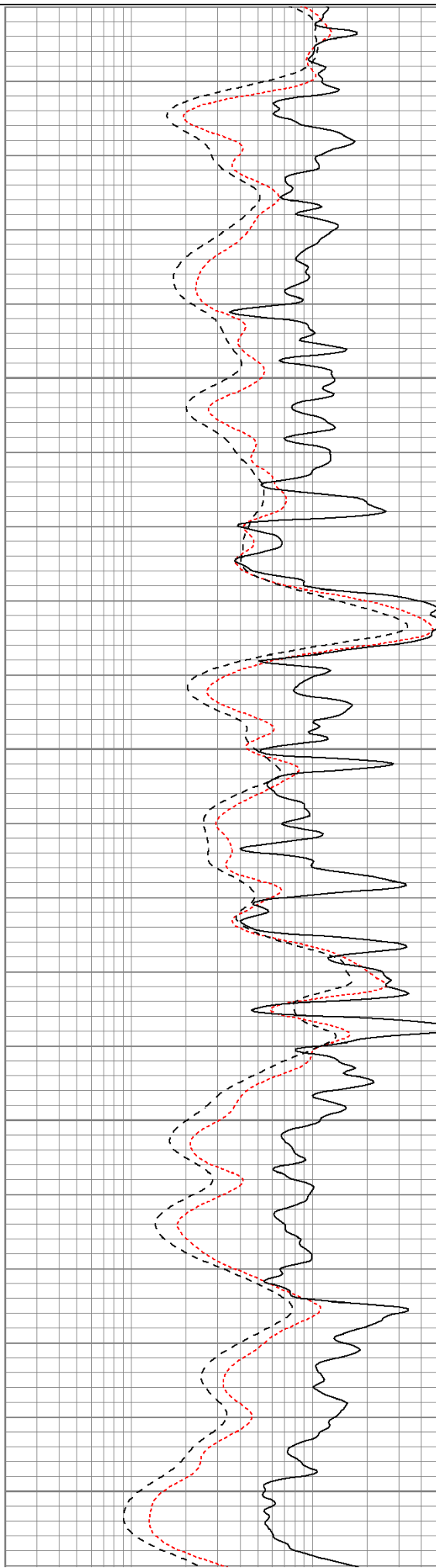
3500

3550

3600

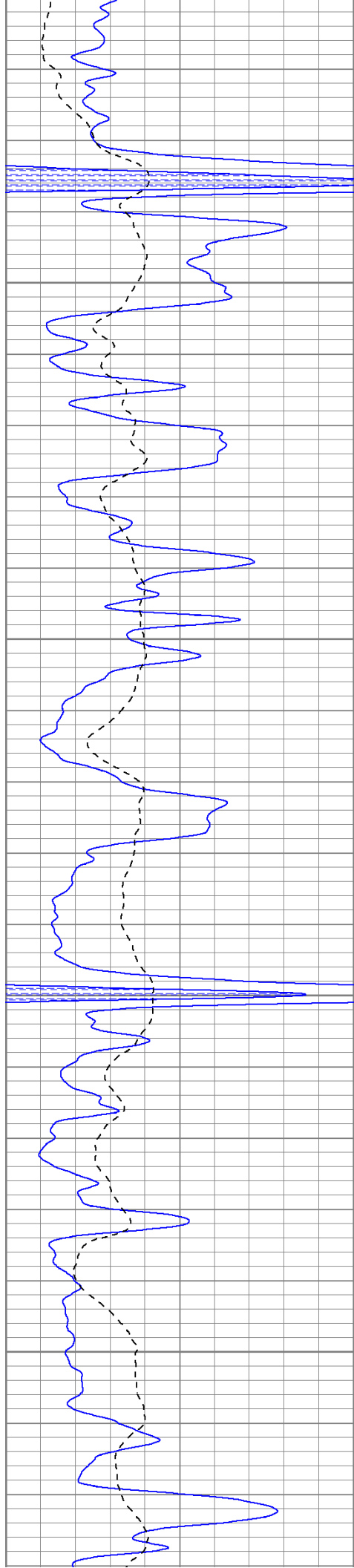
0.2 RILD (Ohm-m)

0.2 RLL3 (Ohm-m)



2000

2000

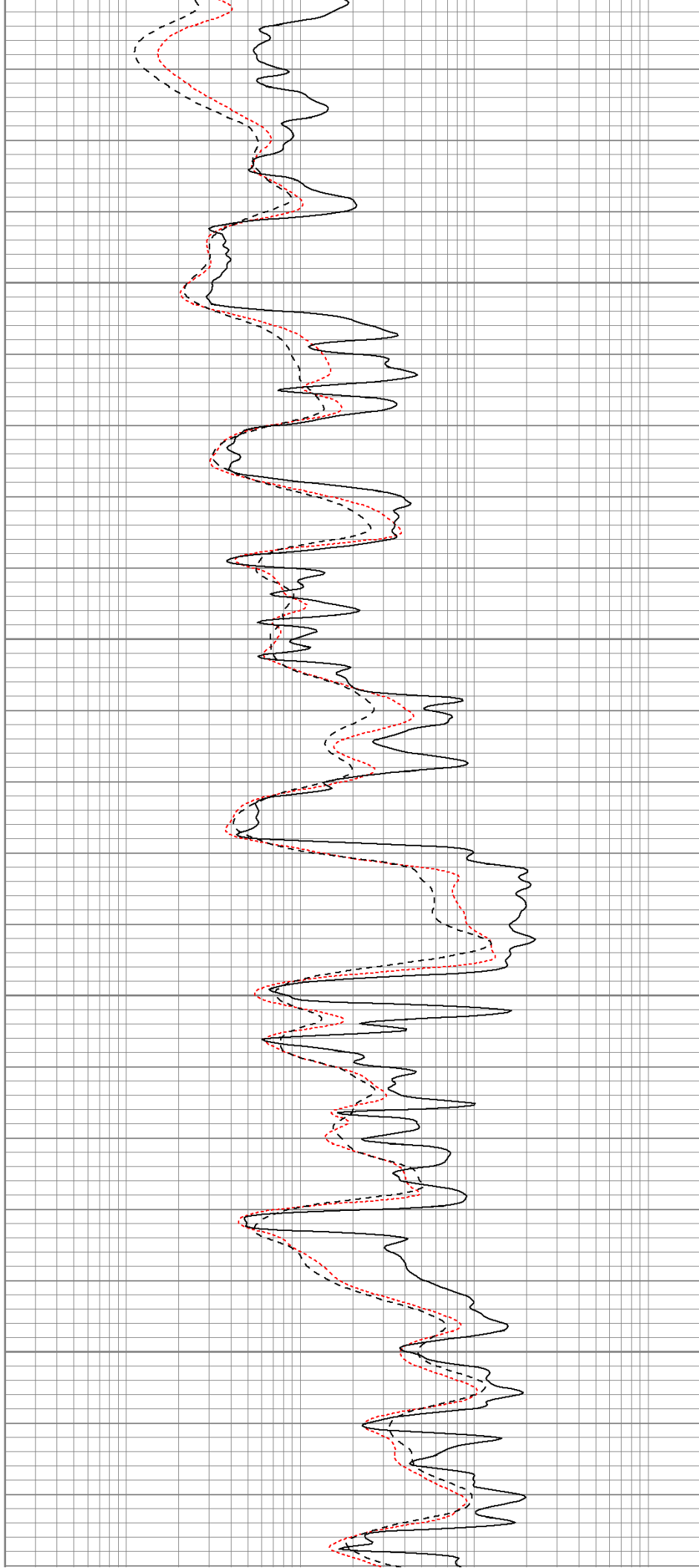


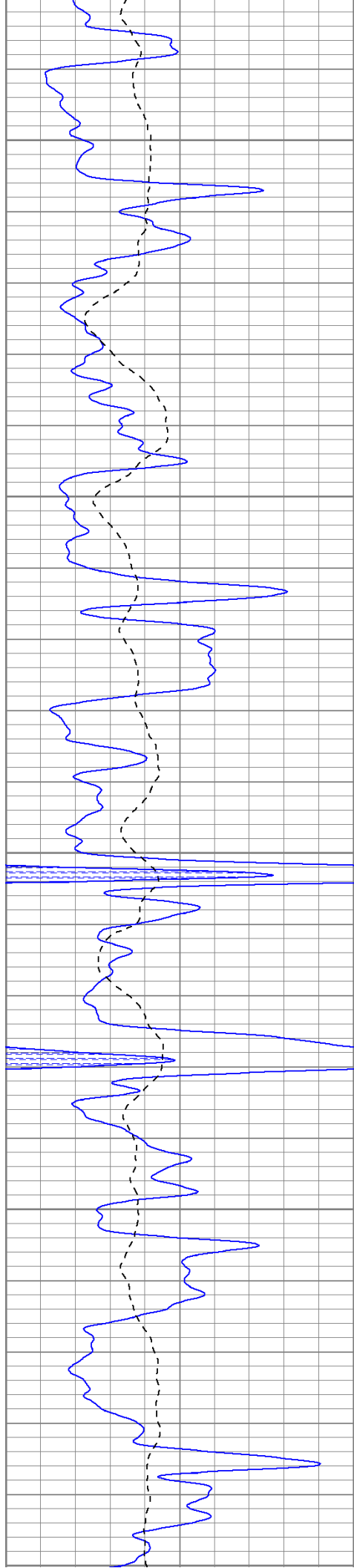
3650

3700

3750

3800





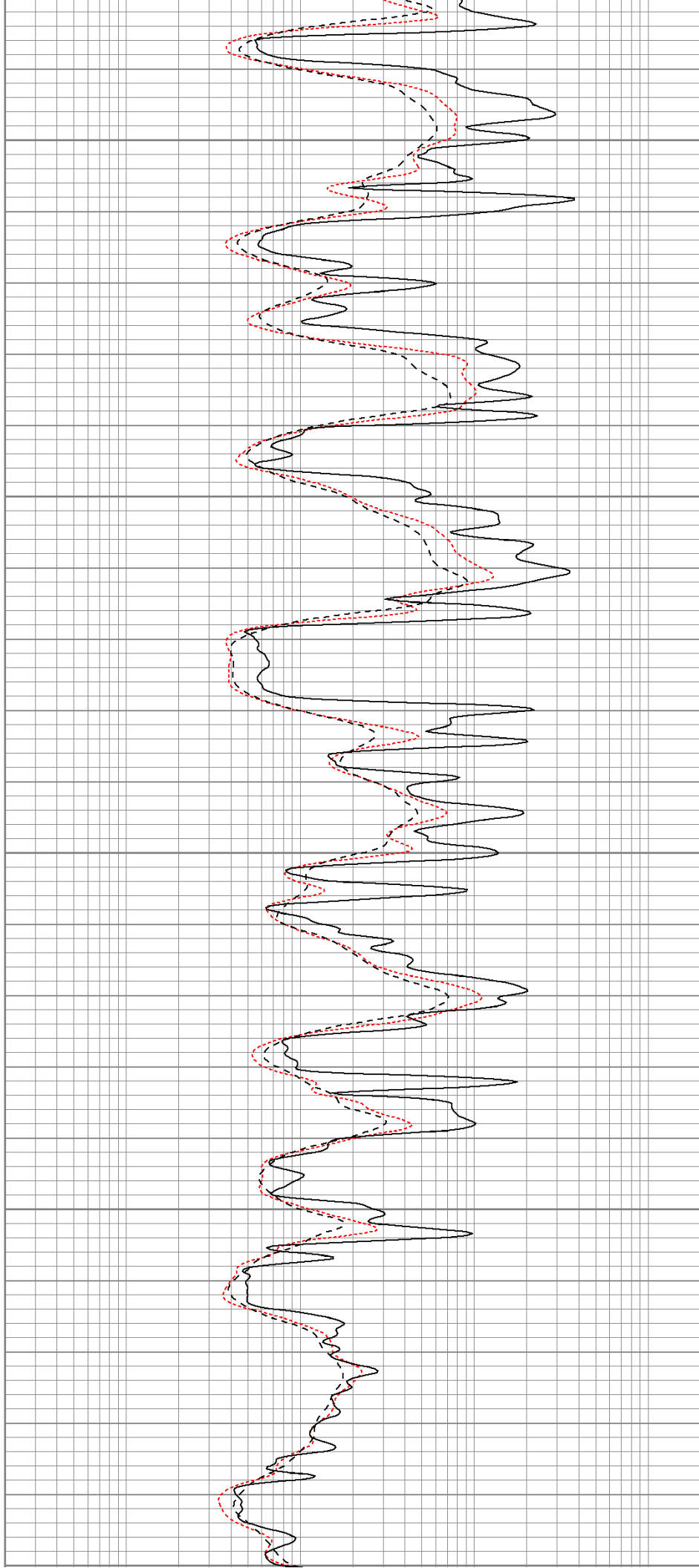
3850

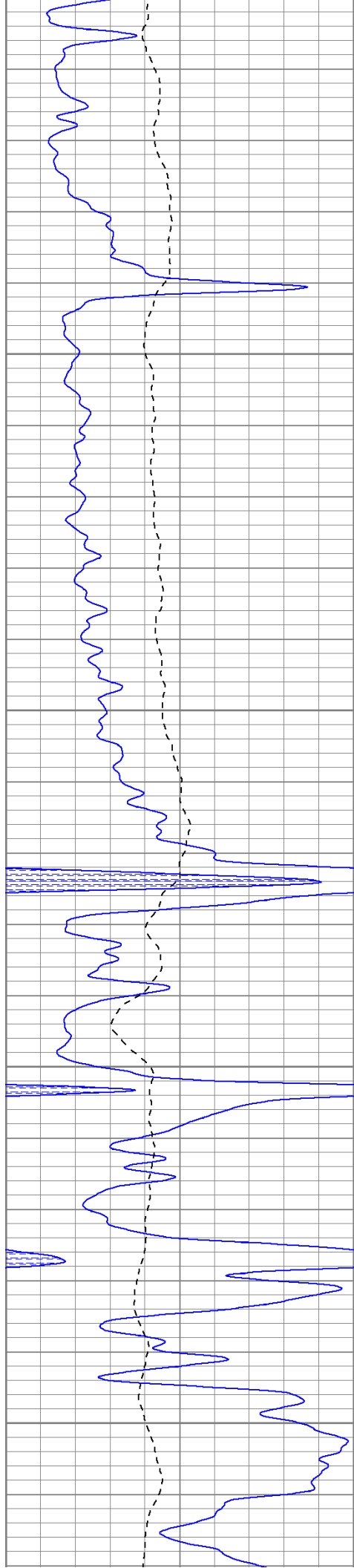
3900

3950

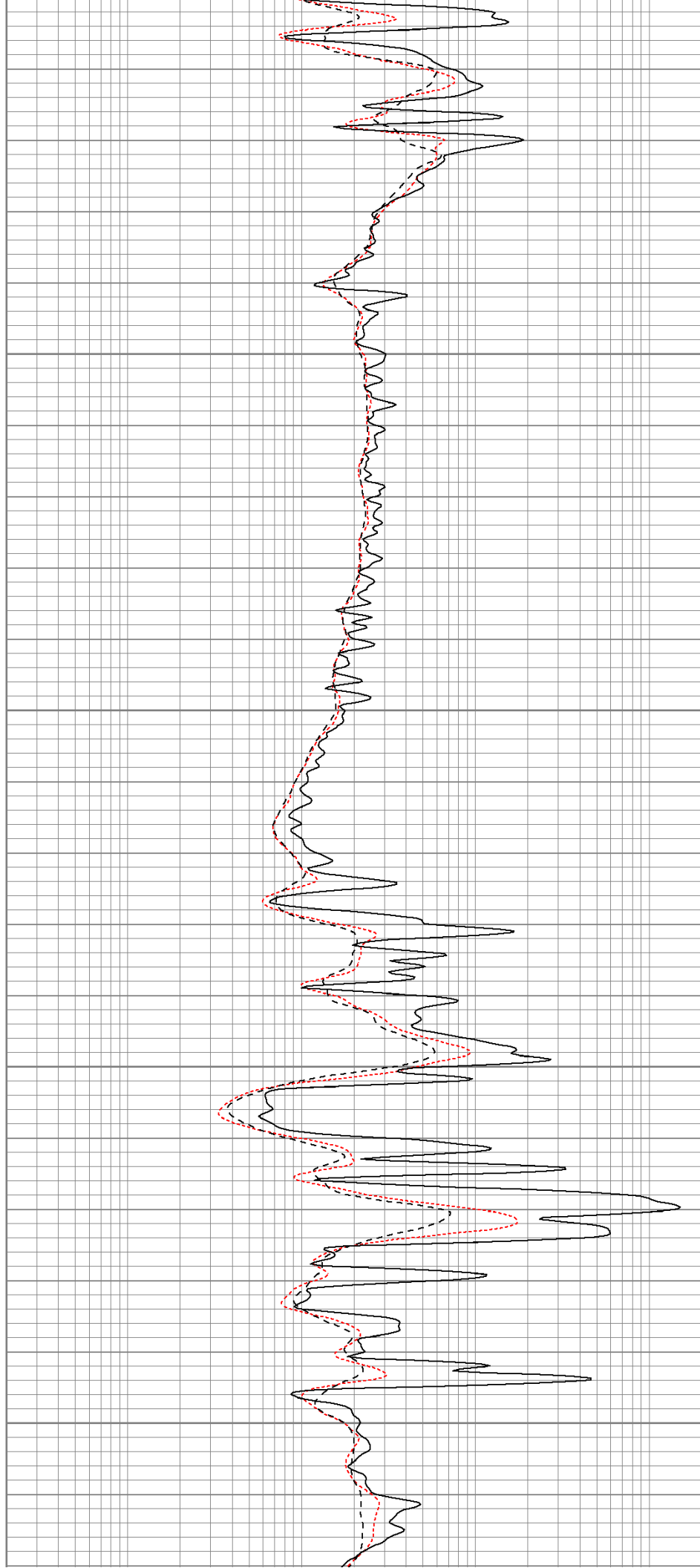
4000

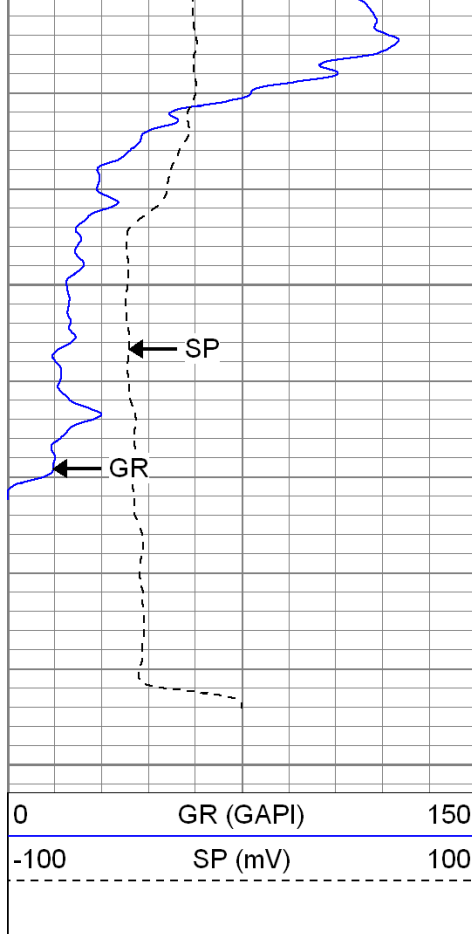
4050





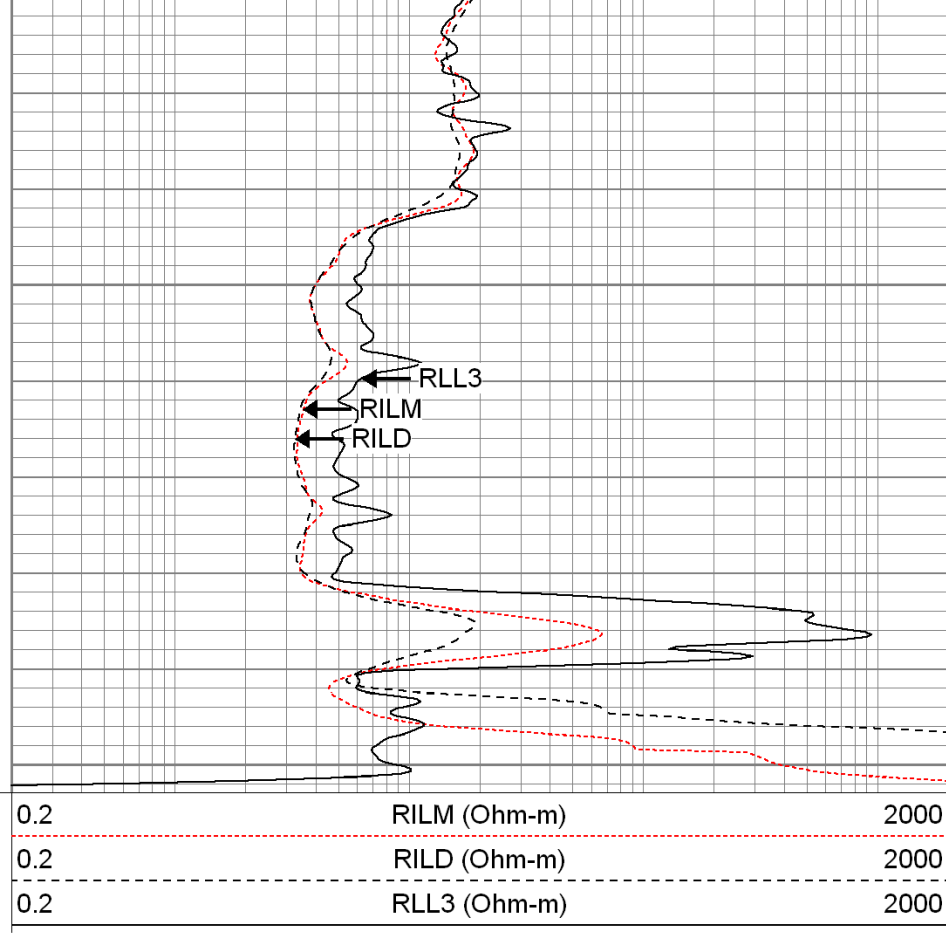
4050
4100
4150
4200
4250





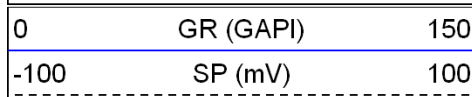
4300

4350

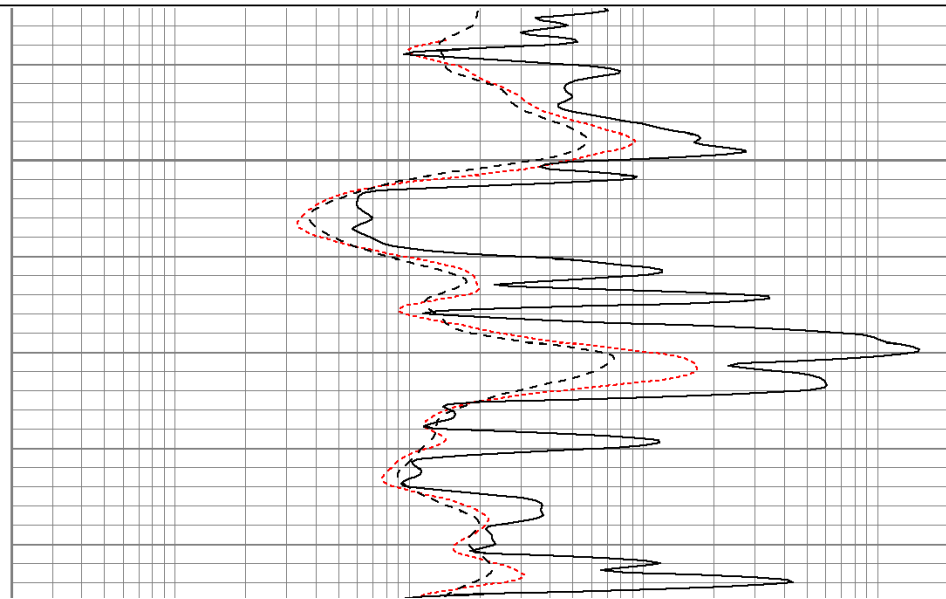
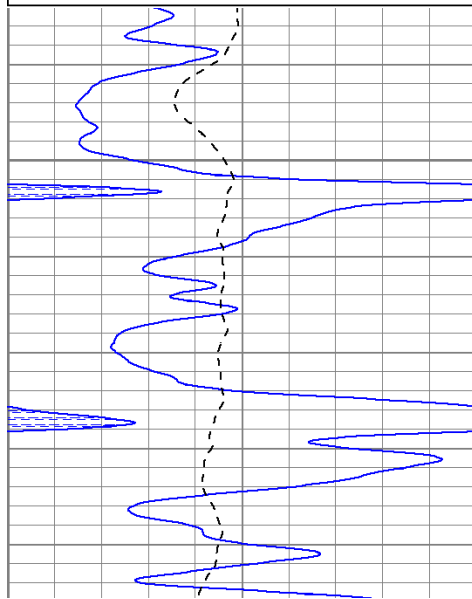
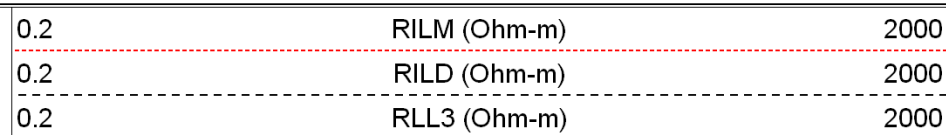


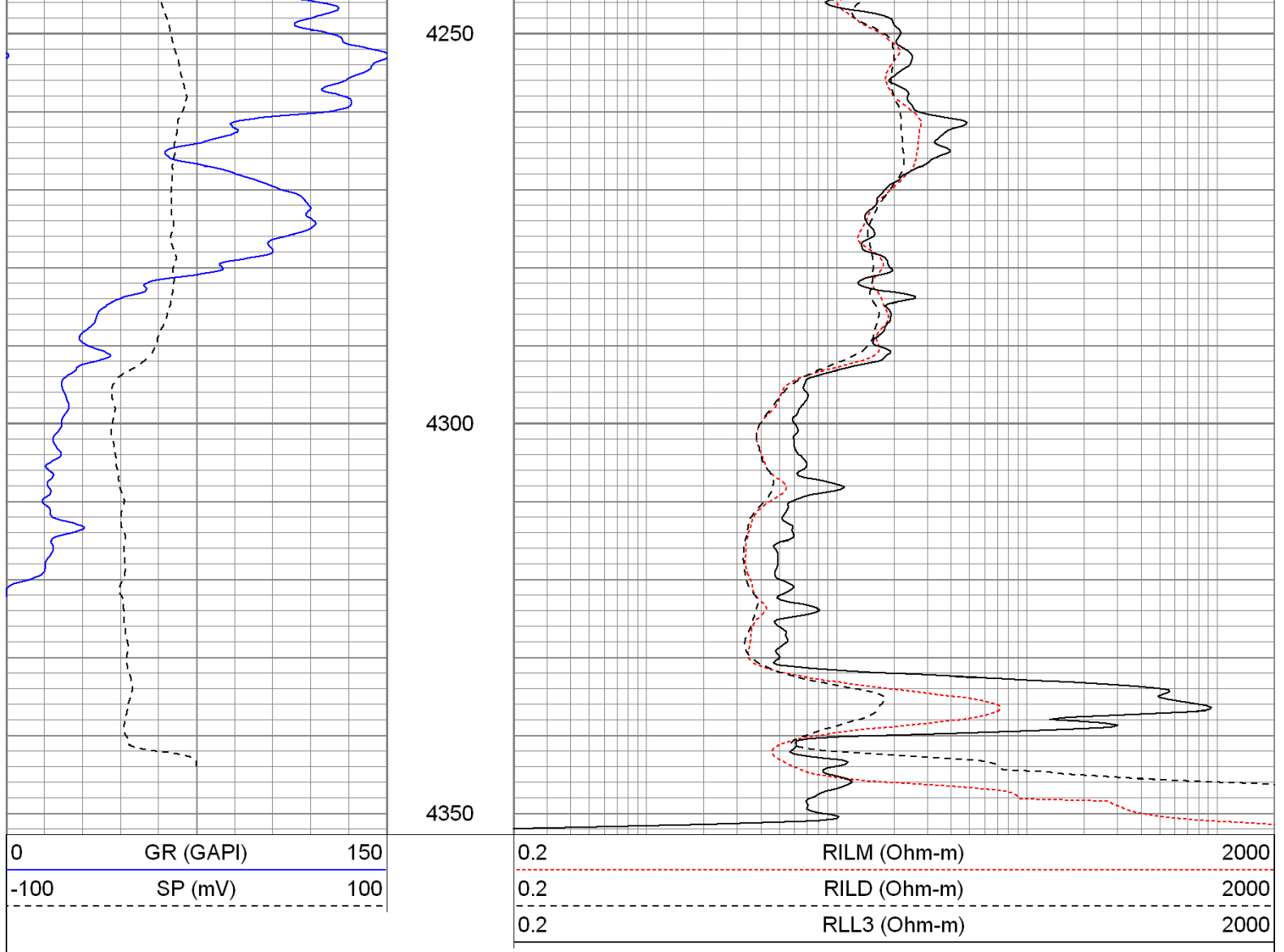
Repeat Pass

Database File: crhawkinson#1oh.db
 Dataset Pathname: pass1
 Presentation Format: kdil
 Dataset Creation: Sat Sep 22 14:59:37 2012 by Log Open-Cased 100827
 Charted by: Depth in Feet scaled 1:240



4200





Calibration Report								
Database File:		crhawkinson#1oh.db						
Dataset Pathname:		pass1						
Dataset Creation:		Sat Sep 22 14:59:37 2012 by Log Open-Cased 100827						
Dual Induction Calibration Report								
Serial-Model:		5375-G						
Surface Cal Performed:		Thu Sep 13 16:02:51 2012						
Downhole Cal Performed:		Thu Sep 13 16:03:26 2012						
Surface Calibration								
		Readings			References		Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.002	0.640	V	0.000	350.000	mmho/m	548.531	-1.045
Medium	0.005	0.742	V	0.000	400.000	mmho/m	542.602	-2.696
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.001	0.640	V	0.000	350.000	mmho/m	547.641	-0.739
Medium	0.005	0.742	V	0.000	550.000	mmho/m	745.701	-3.500
Downhole Calibration								
		Readings			References		Results	

Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.094	350.007	mmho/m	-0.305	350.264	mmho/m	1.002	-0.399
Medium	0.252	399.957	mmho/m	-0.149	400.053	mmho/m	1.001	-0.401
Shallow	2.471	0.009	V	500.000	2.000	Ohm-m	202.280	0.097
Compensated Density Calibration Report								
Serial-Model:				2388DHT-DHT				
Source / Verifier:				/				
Master Calibration Performed:				Thu Sep 13 16:04:57 2012				
Master Calibration								
	Density			Far Detector		Near Detector		
Magnesium	1.750	g/cc		717.11	305.57	cps		
Aluminum	2.620	g/cc		140.63	205.93	cps		
	Spine Angle = 76.38			Density/Spine Ratio = 0.519				
	Size			Reading				
Small Ring	8.25	in		5771.32				
Large Ring	14.00	in		10165.20				
Gamma Ray Calibration Report								
Serial Number:			2001					
Tool Model:			OH					
Performed:			Sat Sep 22 13:47:45 2012					
Calibrator Value:			1.0	GAPI				
Background Reading:			0.0	cps				
Calibrator Reading:			1.0	cps				
Sensitivity:			0.2300	GAPI/cps				
Neutron Calibration Report								
Serial Number:			5108					
Tool Model:			PROBE					
Performed:			Mon Sep 03 08:08:04 2012					
Calibrator Value:			1	NAPI				
Calibrator Reading:			1	cps				
Sensitivity:			1	NAPI/cps				

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
NEU	37.85		None	0.75	1.50	5.00
			NEU-PROBE (5108) Probe	4.92	3.63	85.00
GR	32.32		GR-OH (2001) 2001	3.56	3.25	40.00
ISD	23.78		CDL-DHT (2388DHT) Digital High Temp CDL Tool	9.69	4.00	201.00

DCAL	23.49				
SSD	23.24				
HEADVOLT	21.47				
CILD	10.60				
SP	10.60				
CILM	6.89				
RLL3	1.70				
Dataset:		crhawkinson#1oh.db: field/well/run1/pass1			
Total Length:		40.39 ft			
Total Weight:		676.00 lb			
O.D.		4.00 in			