



LITHO DENSITY NEUTRON LOG

Company Palomino Petroleum
Well J & B Wilkinson #1
Field Wildcat
County Scott State Kansas

Location: API #: 15 171 21166

1081' FNL & 2465' FWL

SEC 21 TWP 17S RGE 34W

Permanent Datum Ground Level Elevation 3061'
Log Measured From KB 5' AGL
Drilling Measured From KB

Other Services
DIL
ML
Elevation
K.B. 3066'
D.F. 3065'
G.L. 3061'

Date 3-14-16

Run Number One

Depth Driller 4900'

Depth Logger 4900'

Bottom Logged Interval 4874'

Top Log Interval 2300'

Casing Driller 345'

Casing Logger 345'

Bit Size 7 7/8"

Type Fluid in Hole Chemical

Density / Viscosity 9.4/55

pH / Fluid Loss 10.5/8.8

Source of Sample Pit

Rm @ Meas. Temp 1.9@65degf

Rmf @ Meas. Temp 1.52@62degf

Rmc @ Meas. Temp 2.43@62degf

Source of Rmf / Rmc Calculated

Rm @ BHT .92@128degf

Time Circulation Stopped 10:00 a.m.

Time Logger on Bottom 12:00 p.m.

Maximum Recorded Temperature 128degf

Equipment Number T127

Location Hays, KS

Recorded By L. Smith

Witnessed By Mr. Ryan Seib

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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

West of Scott City To Dakota rd., 1 N,1W,5.5 N, W into



Main Pass

Database File j&bwilkinson#1oh.db
 Dataset Pathname pass22.1
 Presentation Format kcdnl
 Dataset Creation Mon Mar 14 15:16:58 2016
 Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16

30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30

TBHV (ft3)

0 PE (barn)

10 -0.25

RHOC (g/cc)

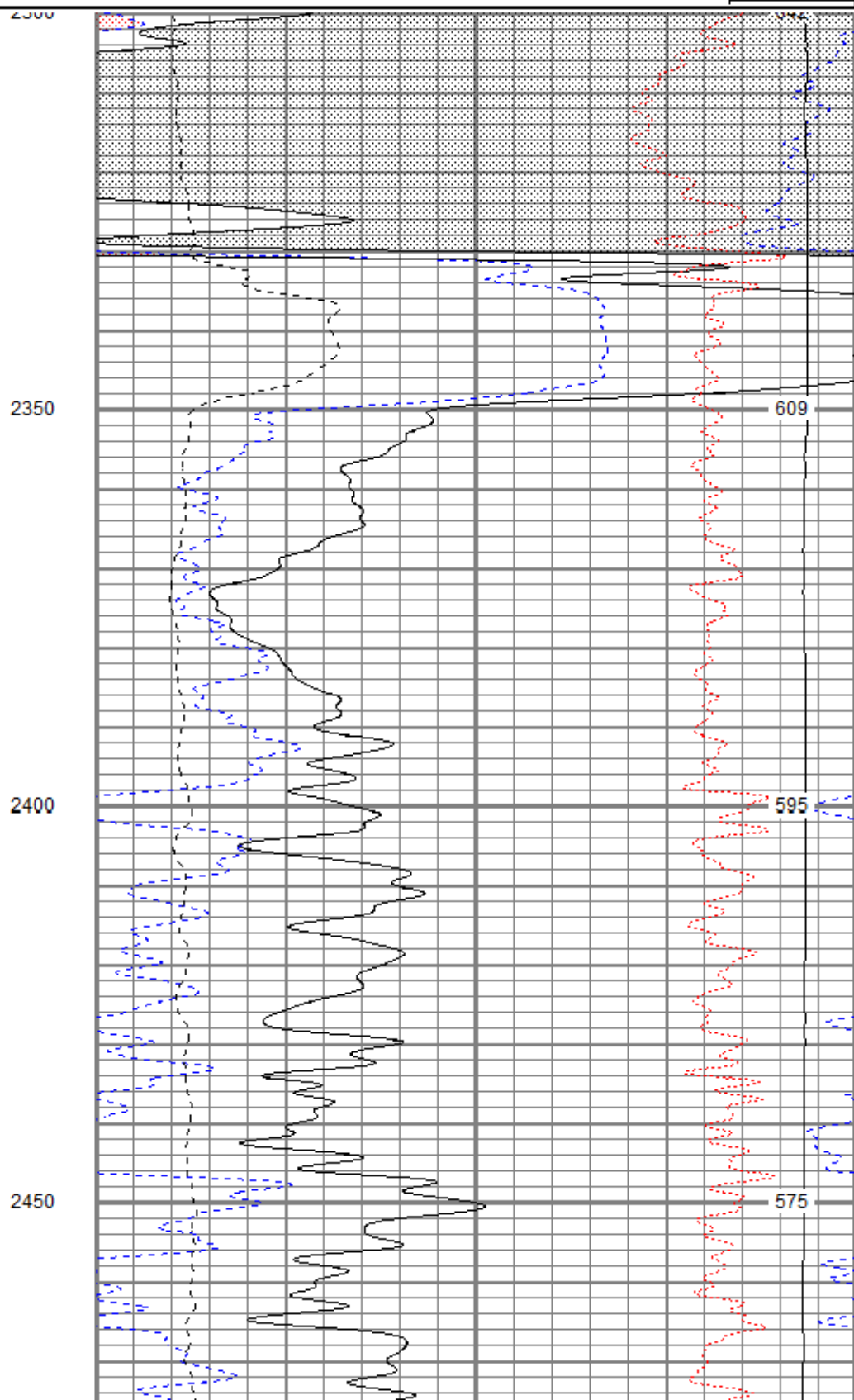
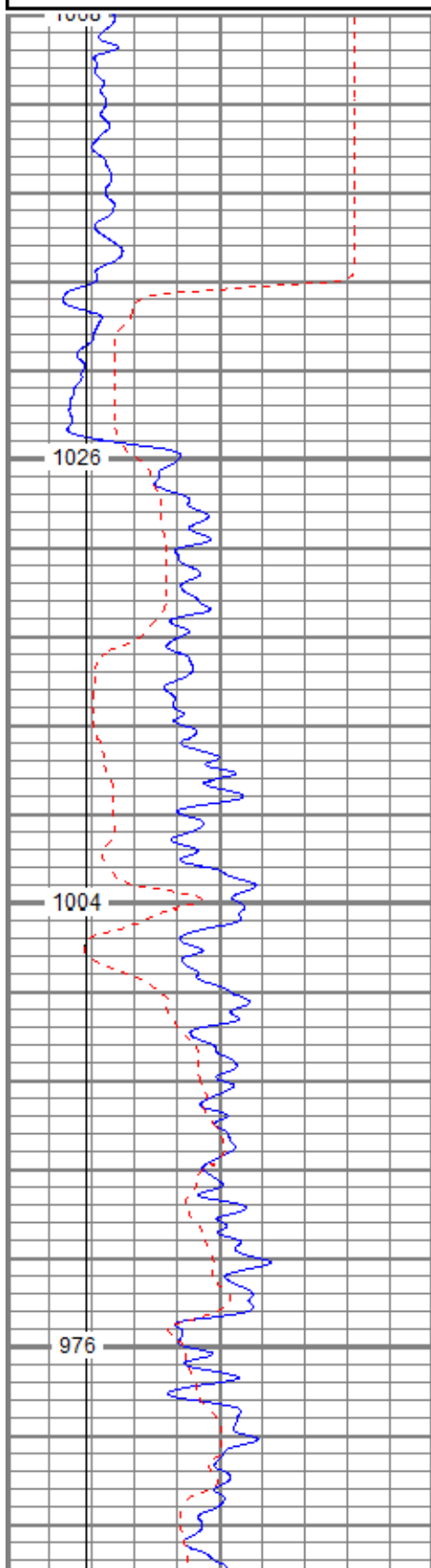
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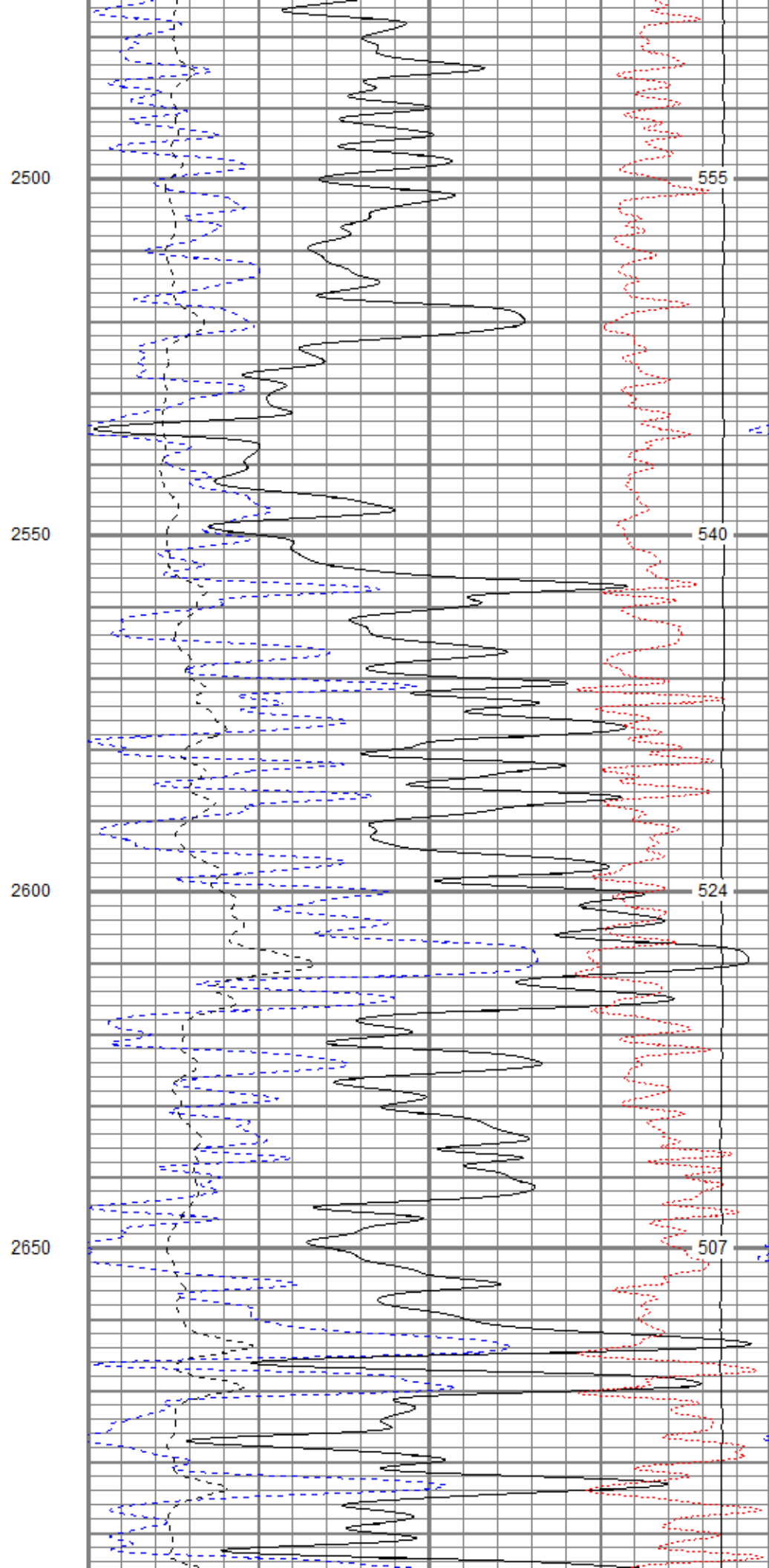
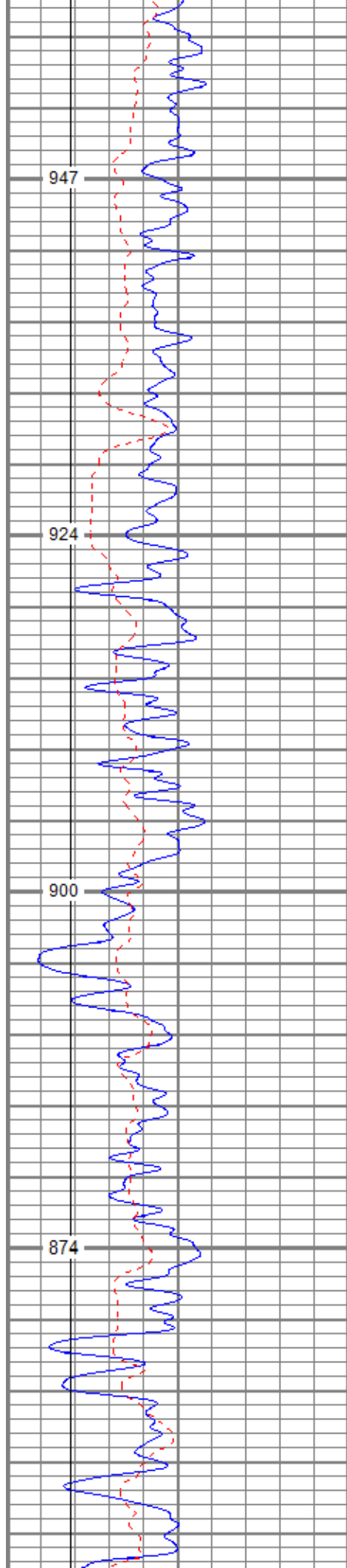
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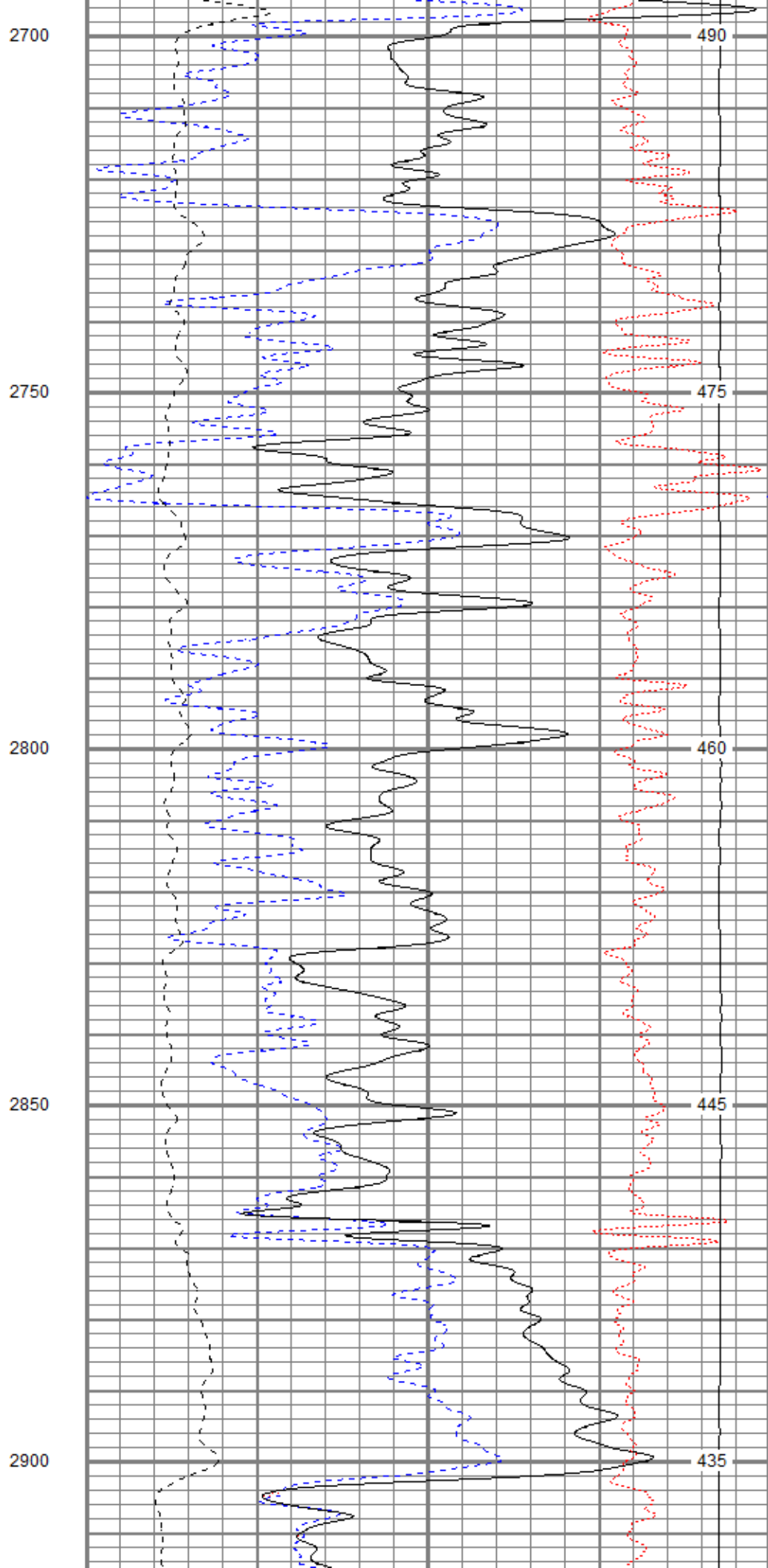
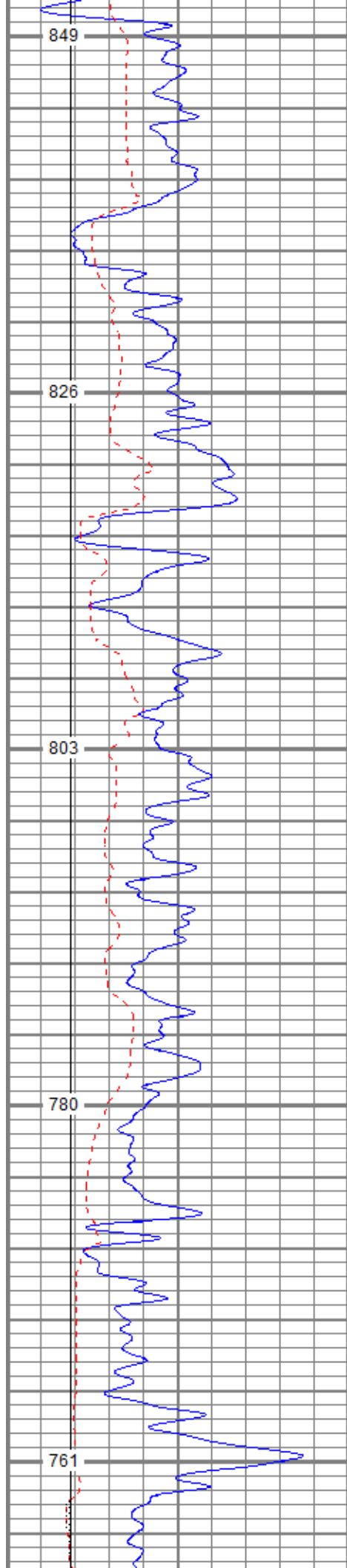
LTEN (lb)

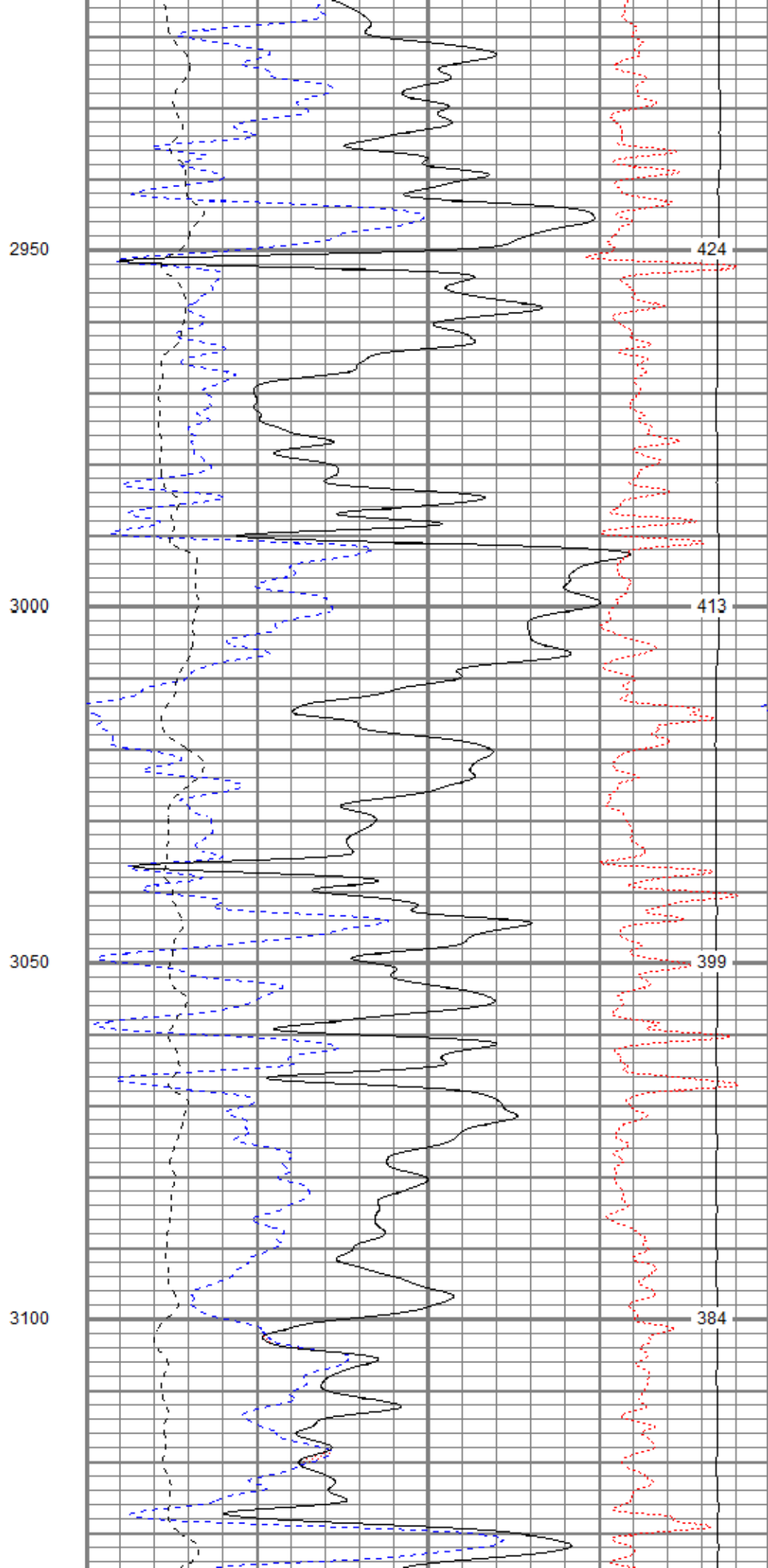
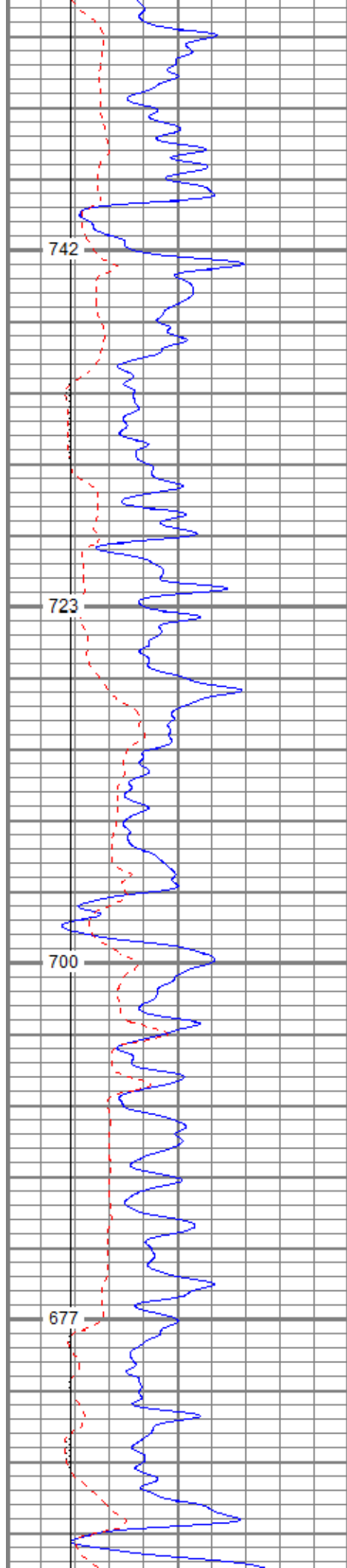
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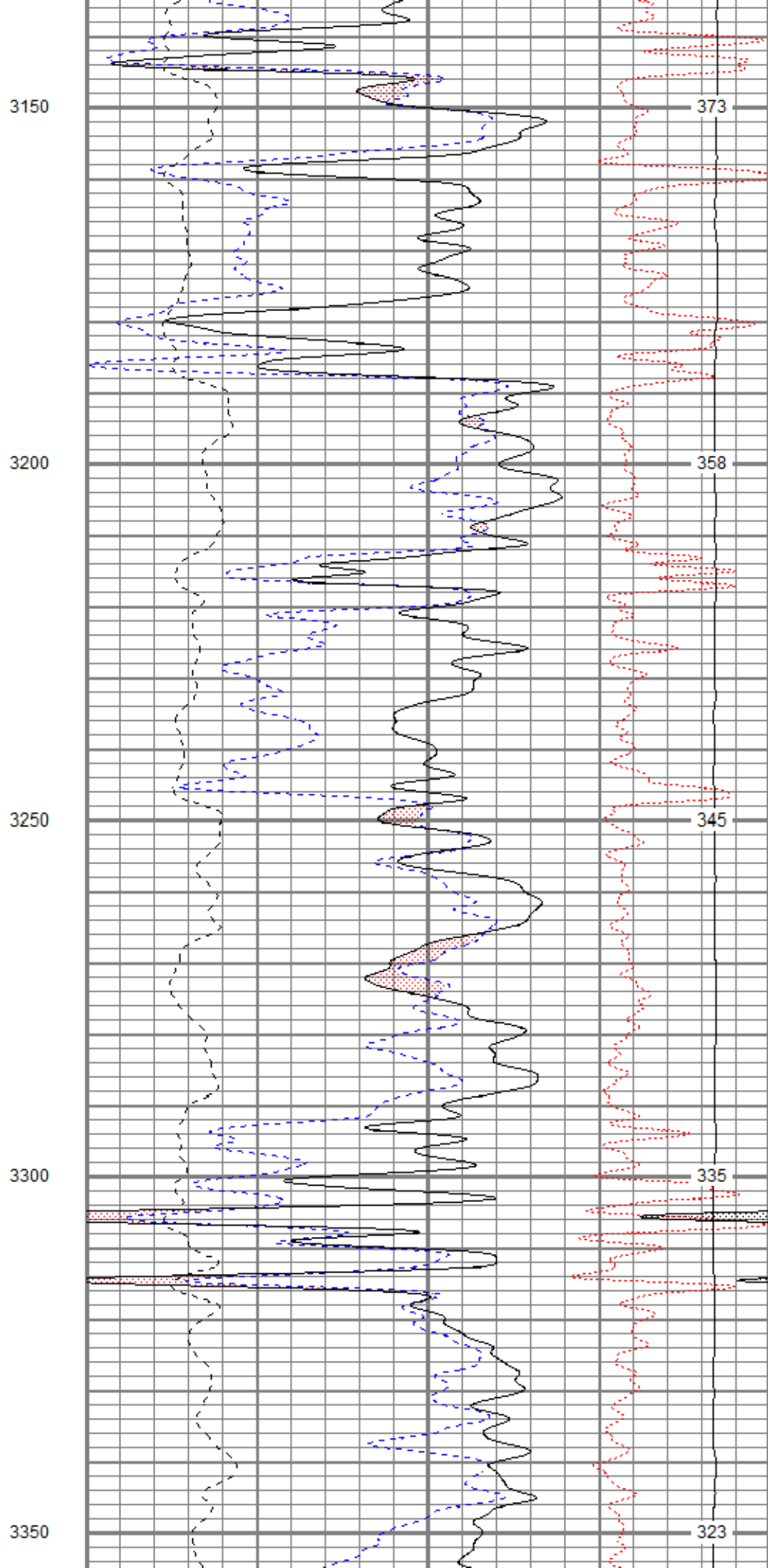
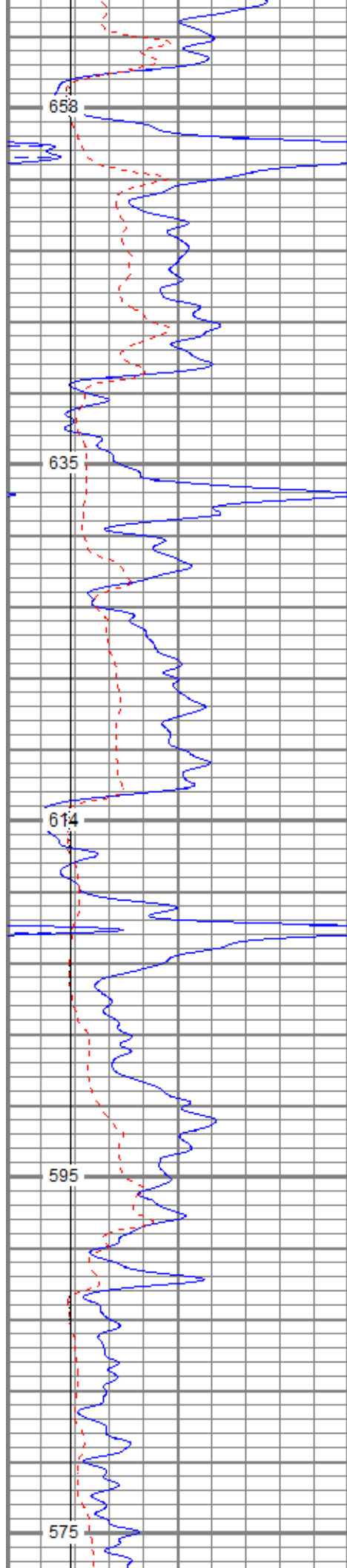
ABHV (ft3)

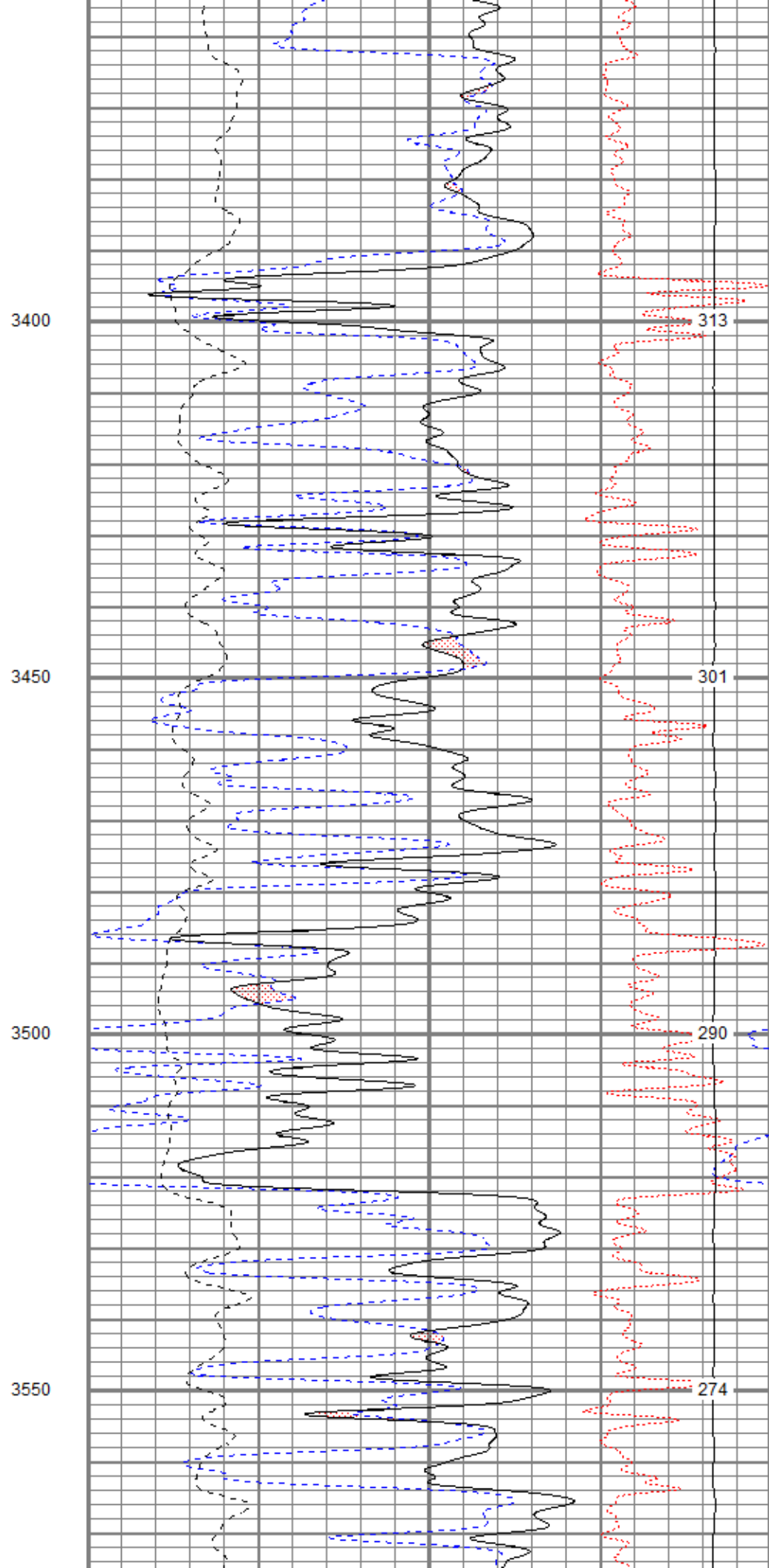
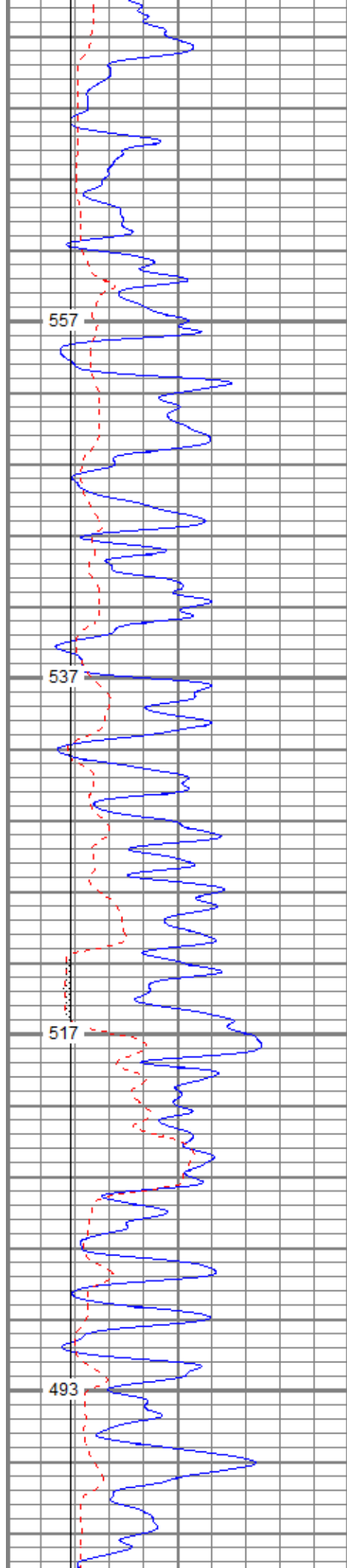


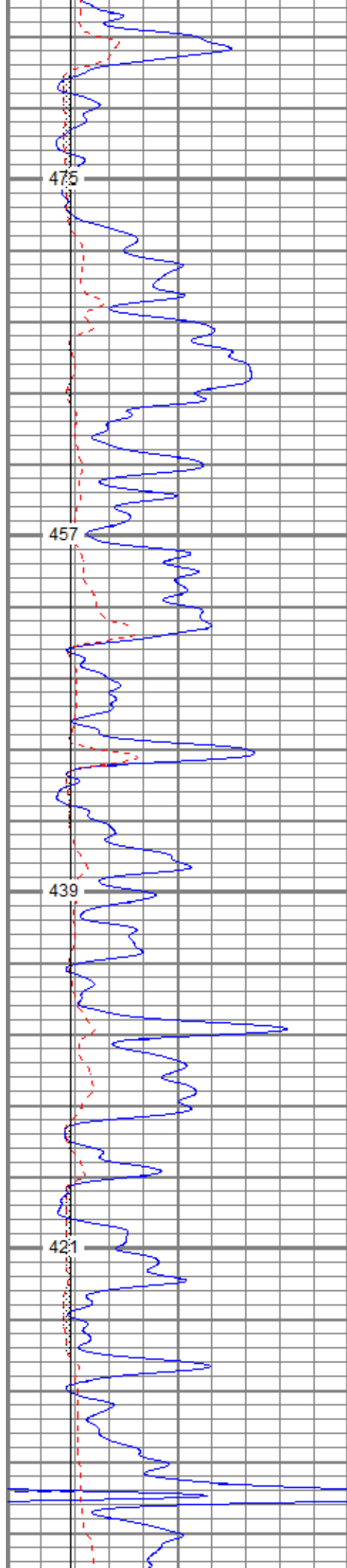










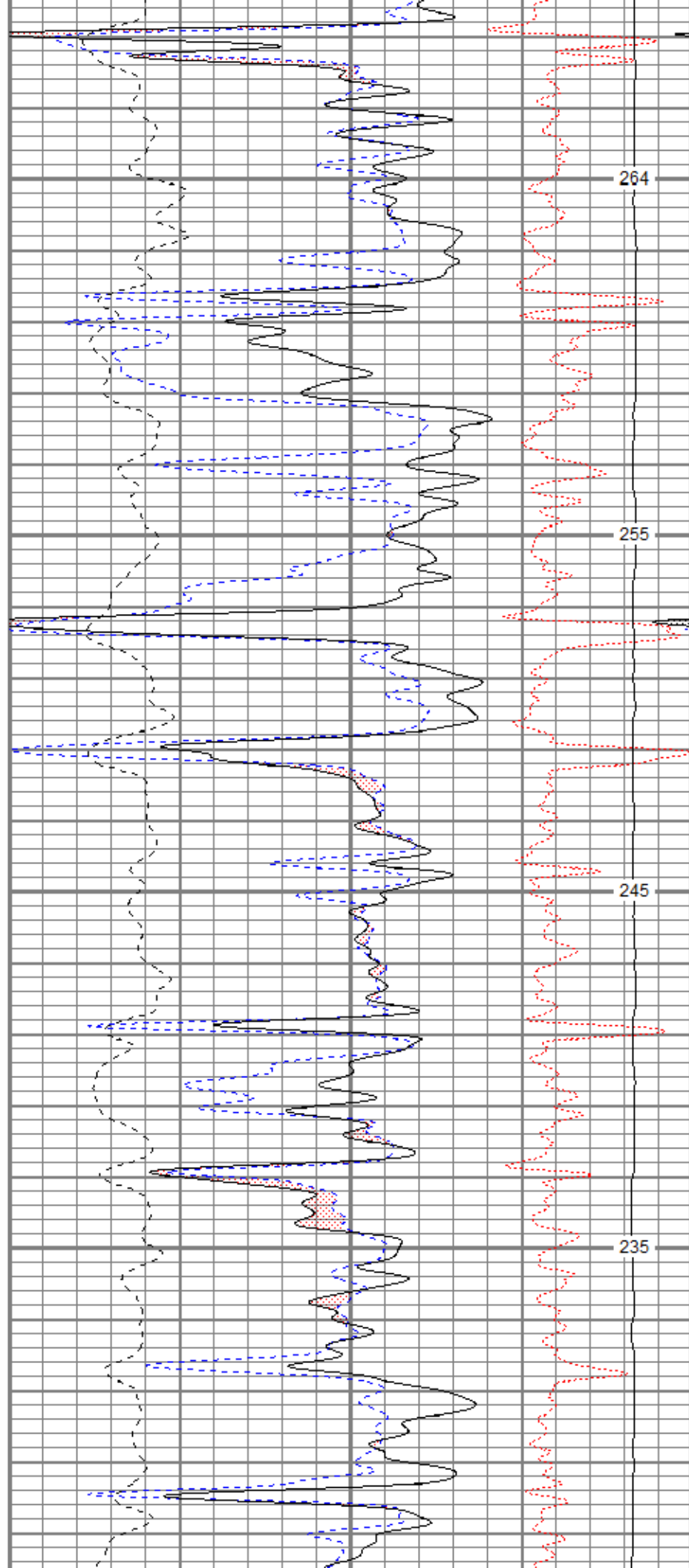


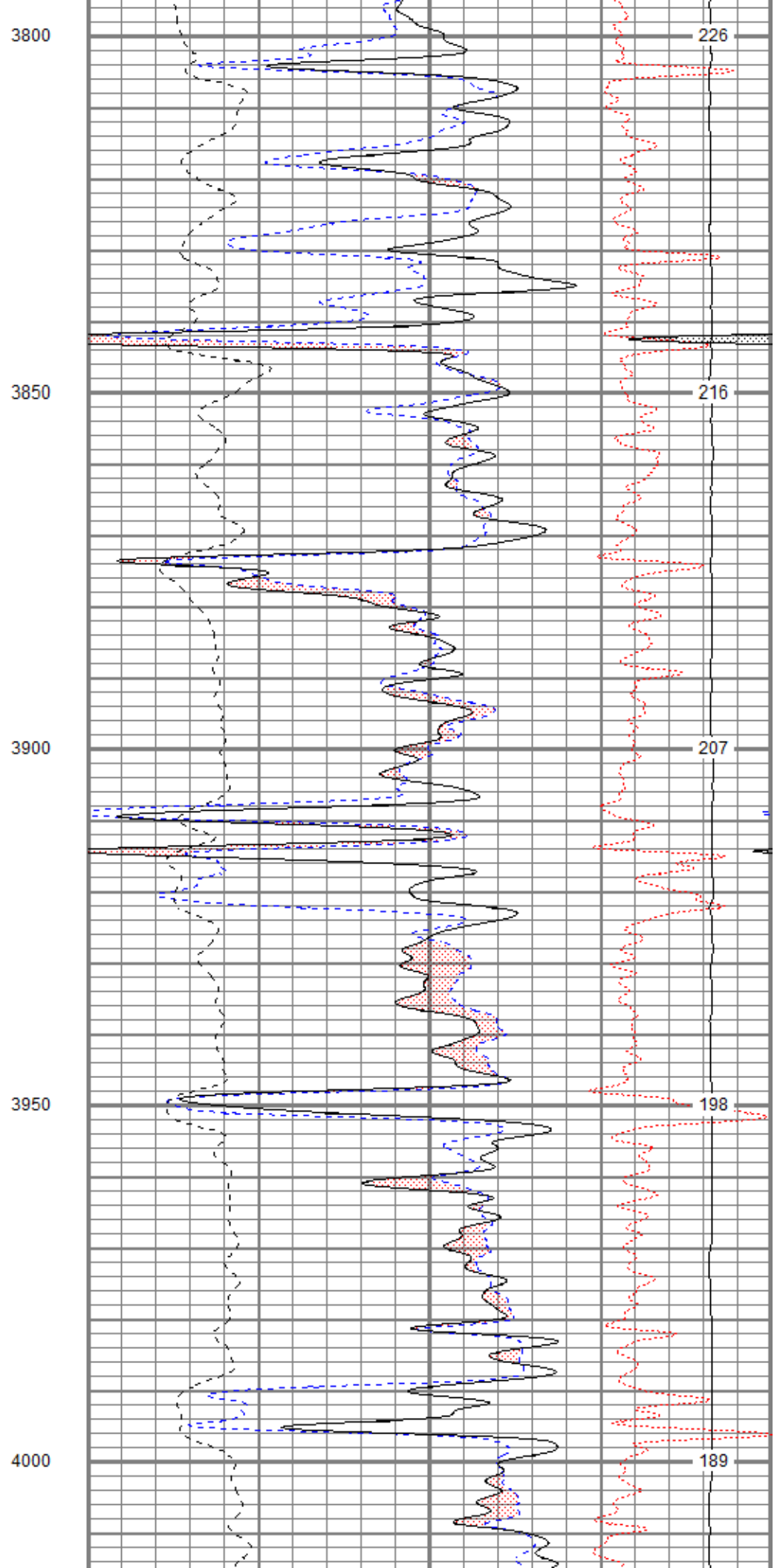
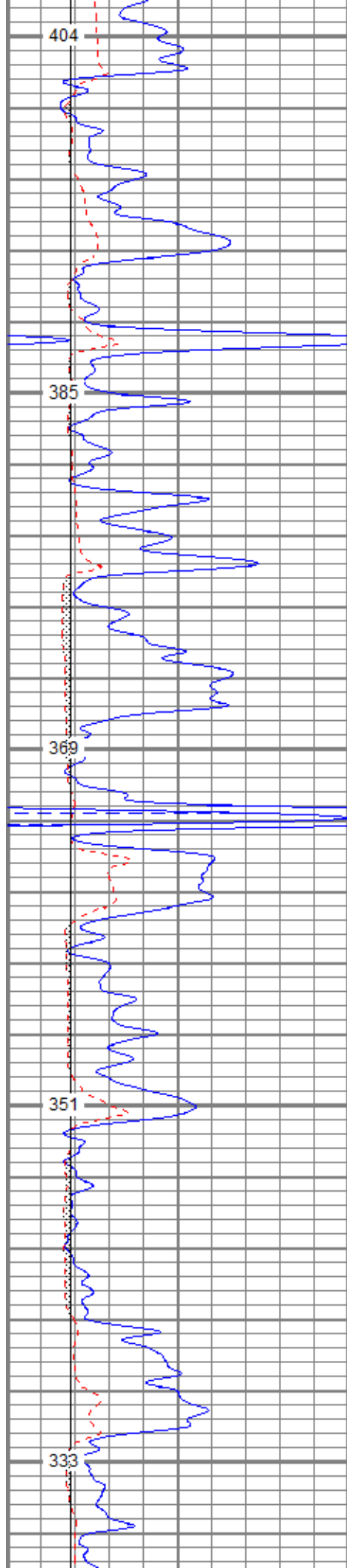
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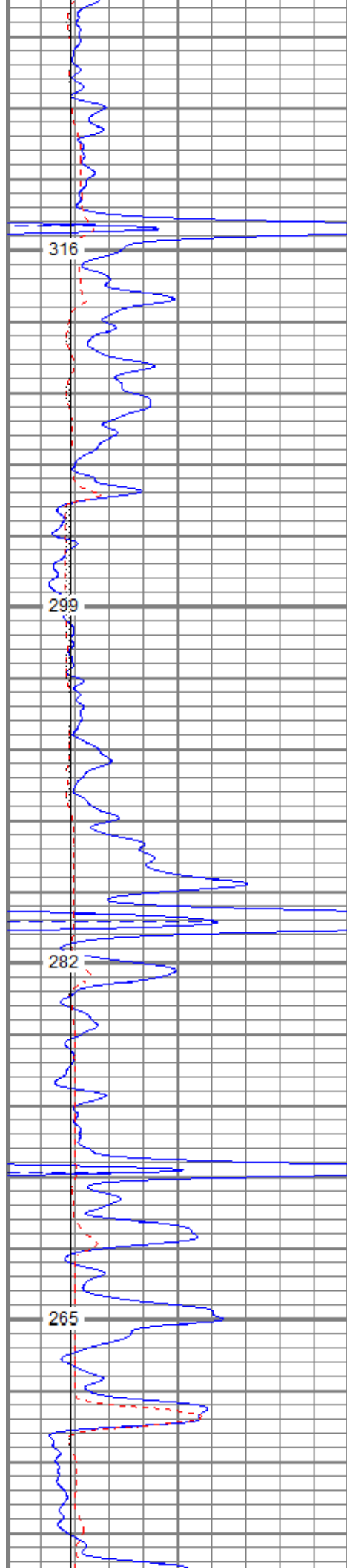
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3700

3750





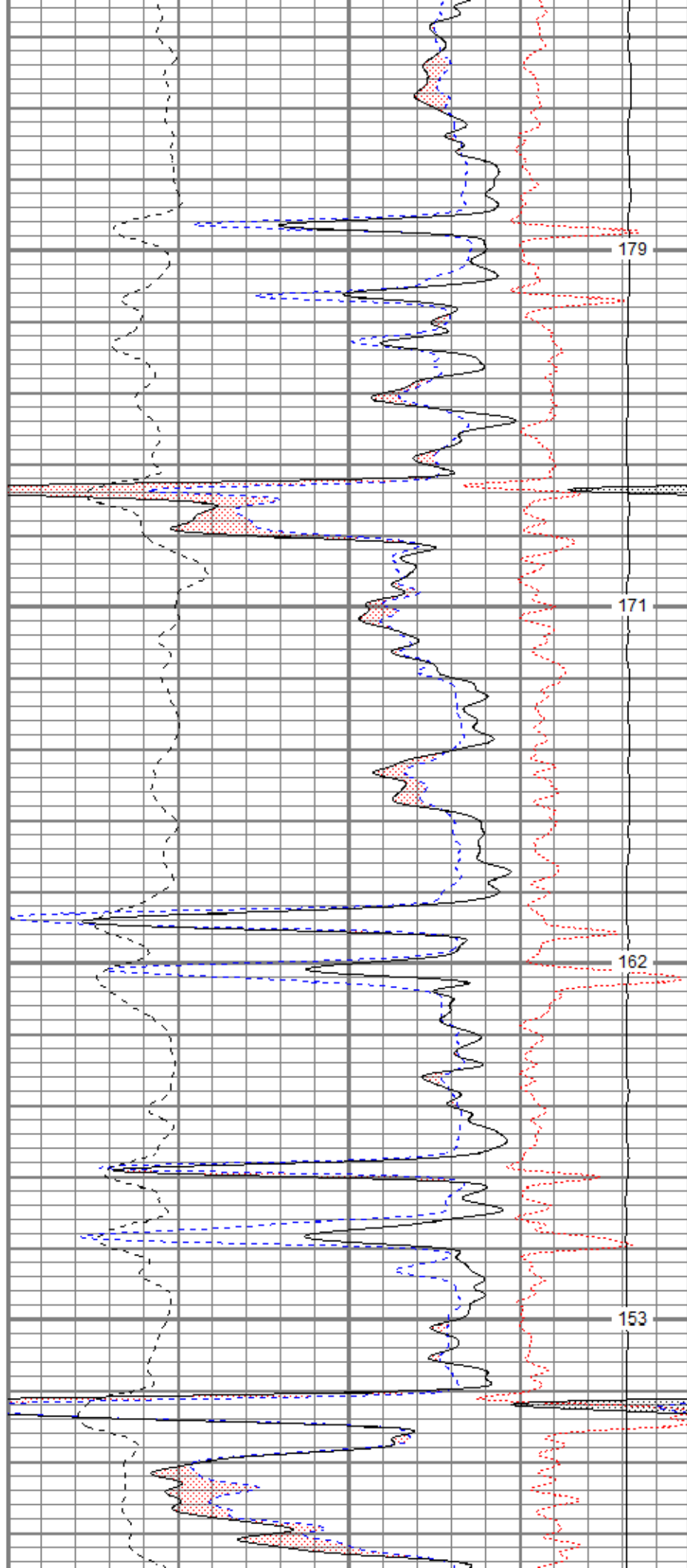


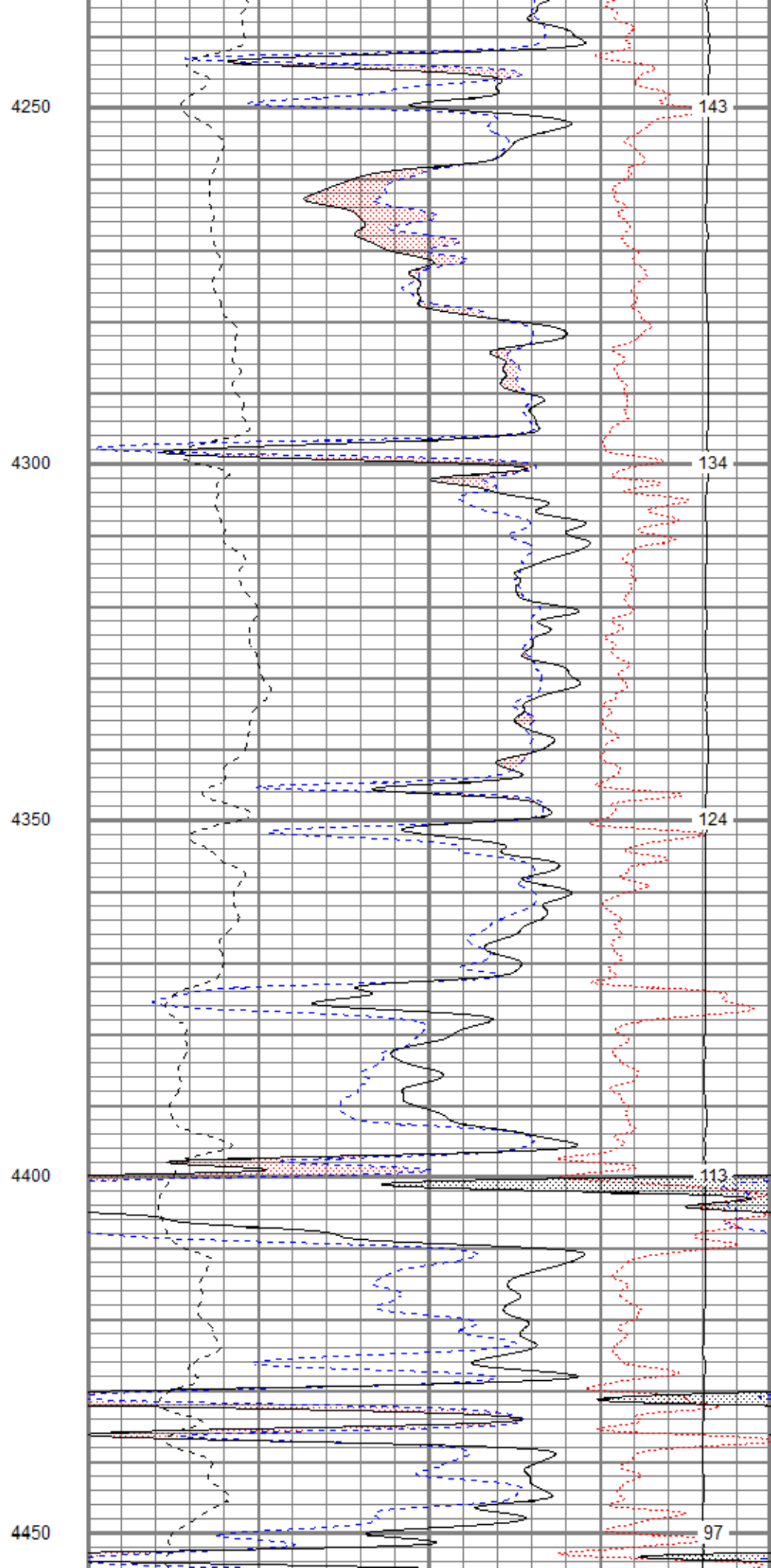
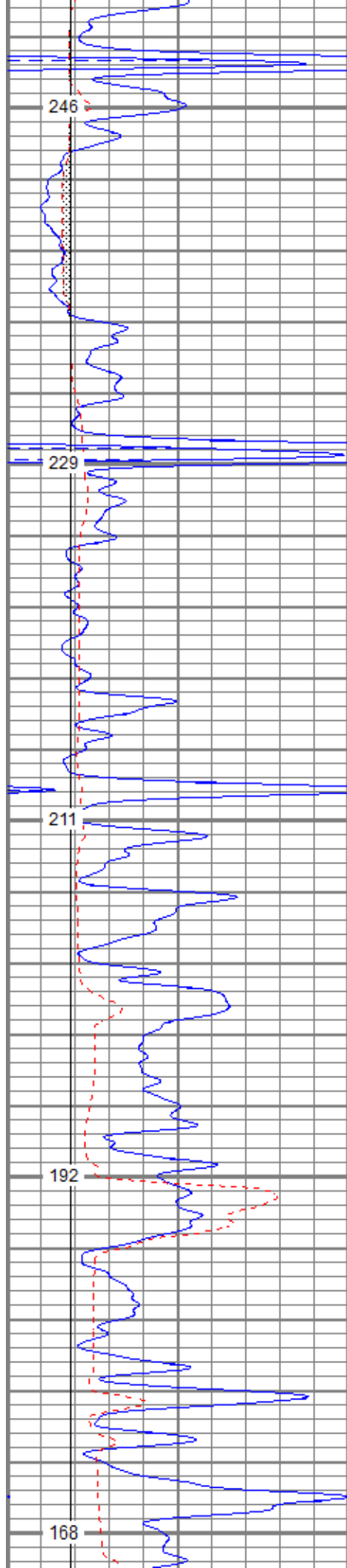
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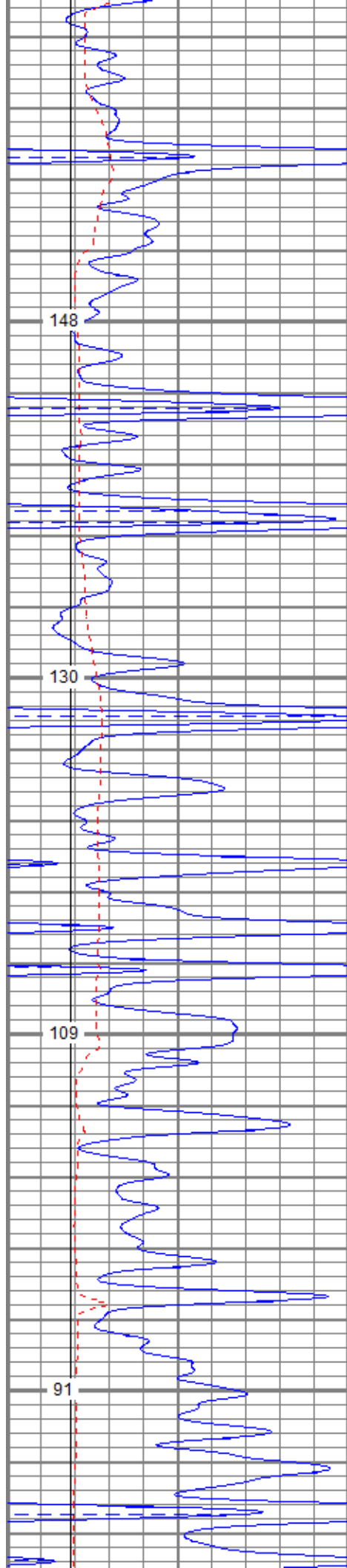
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4150

4200





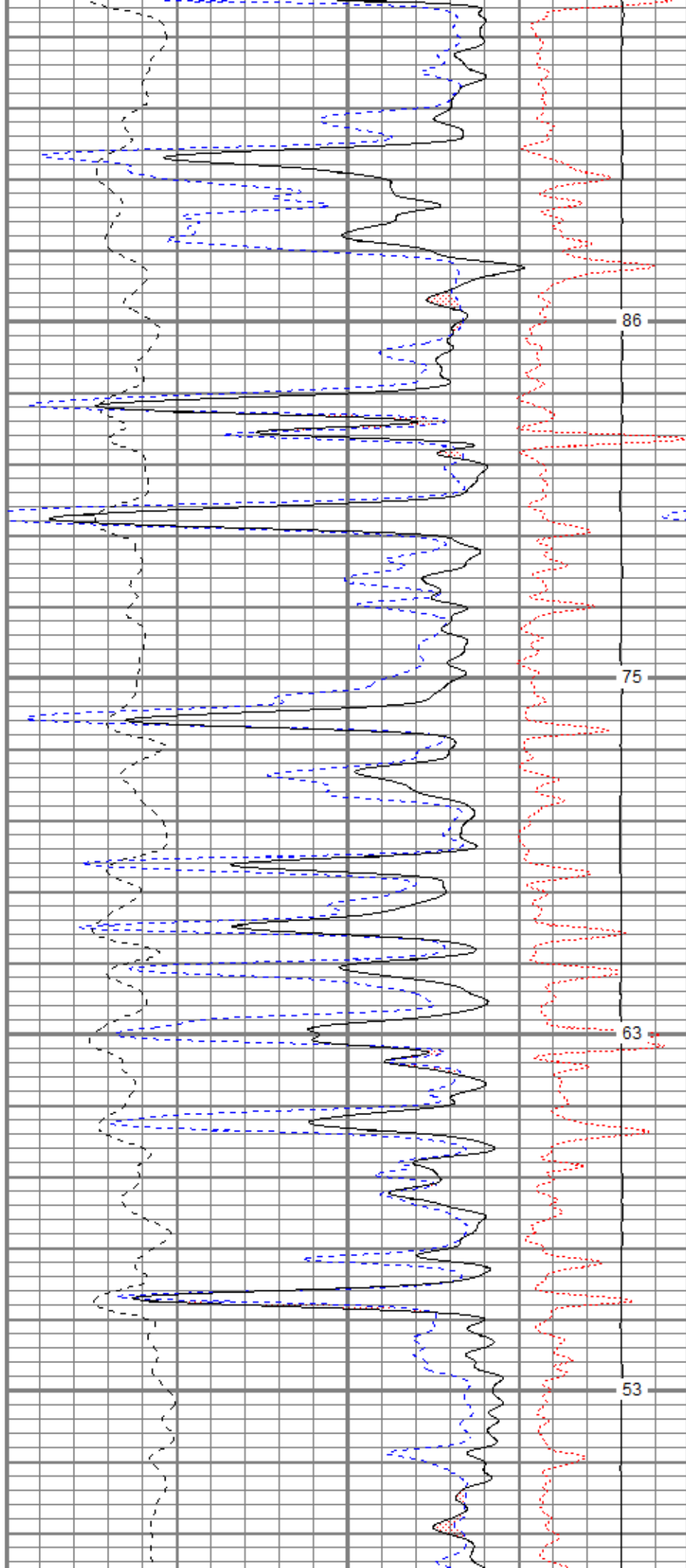


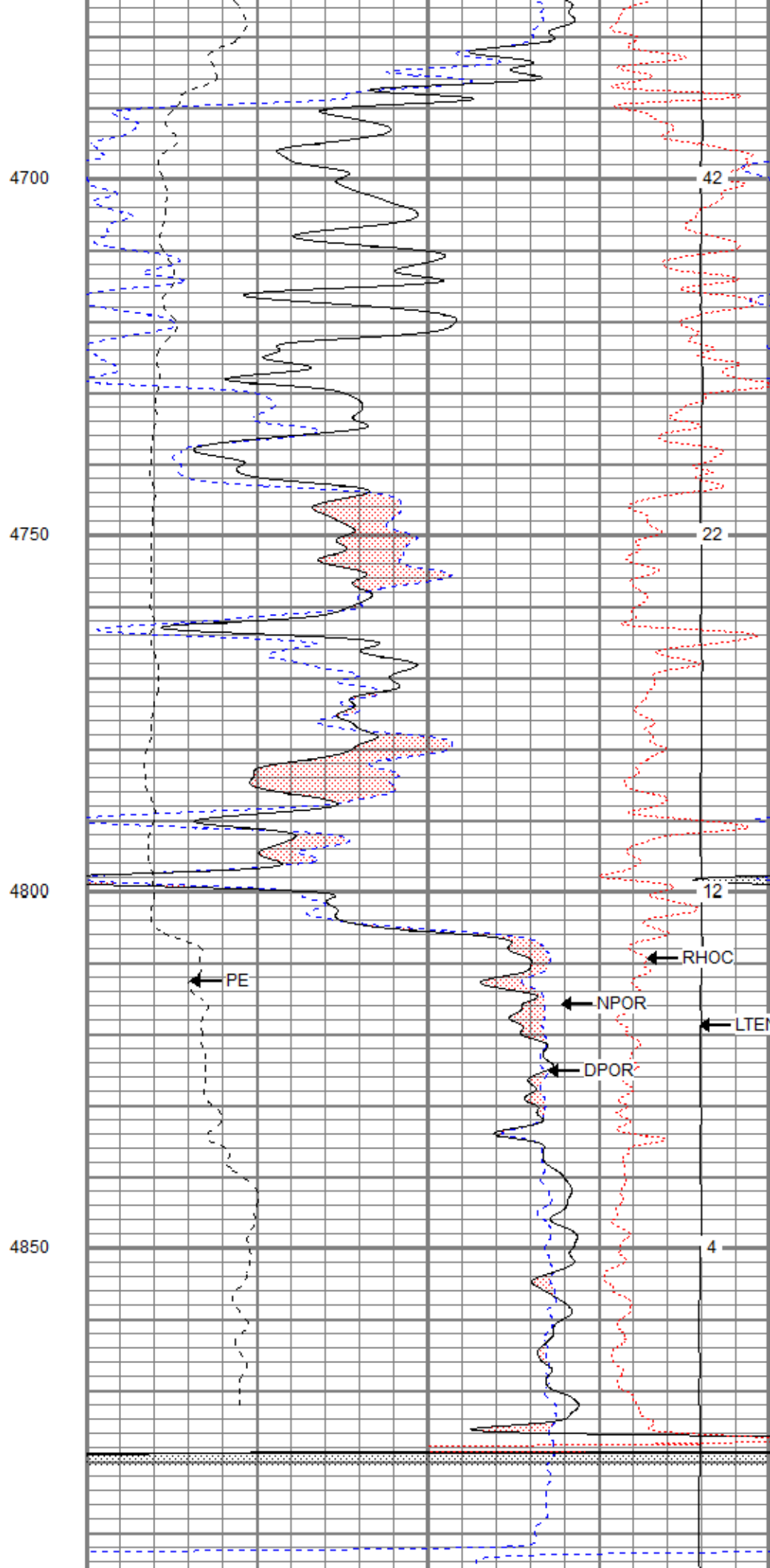
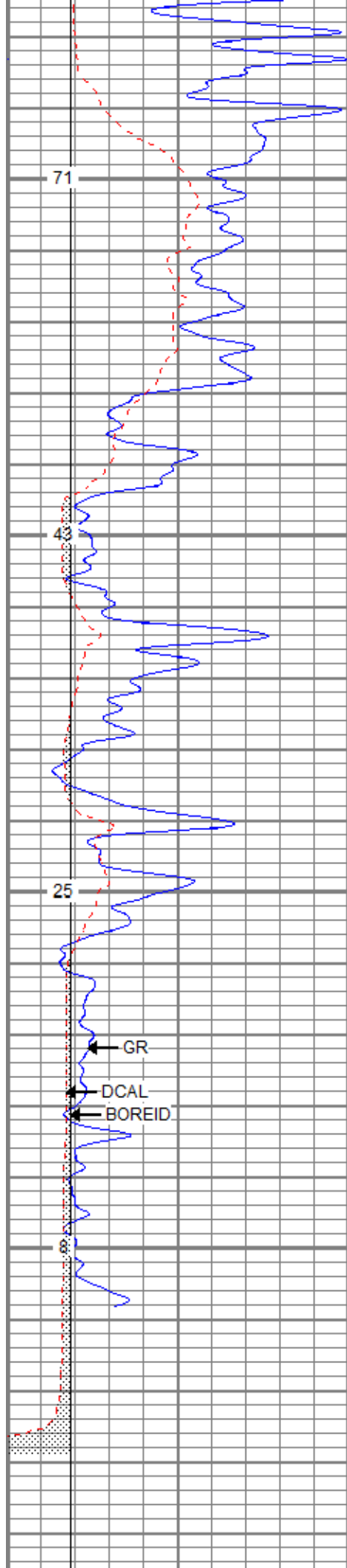
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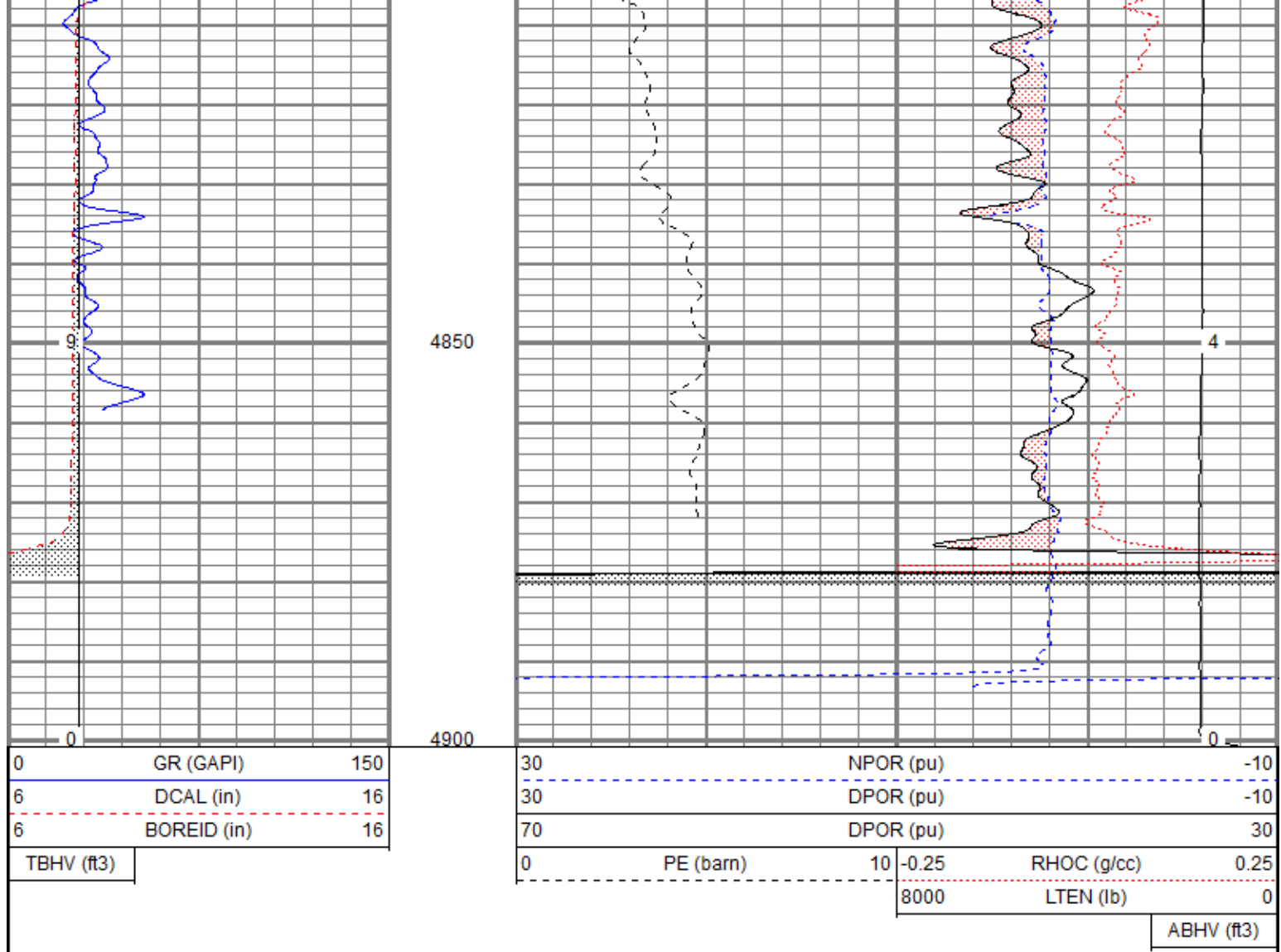
4550

4600

4650







Calibration Report										
Database File	j&bwilkinson#1oh.db									
Dataset Pathname	pass1									
Dataset Creation	Mon Mar 14 12:10:24 2016									
Dual Induction Calibration Report										
Serial-Model:			080522-Probe							
Surface Cal Performed:			Mon Mar 14 11:26:37 2016							
Downhole Cal Performed:			Mon Mar 14 11:26:40 2016							
After Survey Verification Performed:			Mon Mar 14 11:26:42 2016							
Surface Calibration										
		Readings					References		Results	
Loop:	Air	Loop		Air	Loop		m	b		
Deep	-0.040	0.651	V	0.000	400.000	mmho/m	578.981	22.871		
Medium	-0.028	0.742	V	0.000	464.000	mmho/m	602.582	16.690		
Internal:	Zero	Cal		Zero	Cal		m	b		
Deep	-0.016	0.653	V	0.000	400.000	mmho/m	598.311	9.396		
Medium	-0.025	0.747	V	0.000	464.000	mmho/m	601.262	14.808		
Downhole Calibration										
		Readings					References		Results	
	Zero	Cal		Zero	Cal		m'	b'		
Deep	6.834	401.088	mmho/m	13.778	400.855	mmho/m	0.982	7.068		

Medium	-2.964	468.230	mmho/m	1.850	466.869	mmho/m	0.987	4.775
LL3		7.145	V		750.000	Ohm-m		
		0.016	V		12.000	Ohm-m		
		-7.248	V		3745.000	mmho-m		
After Survey Verification								
			Readings		Targets		Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	6.834	401.088	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	-2.964	468.230	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		750.000	Ohm-m		
		0.000	Ohm-m		12.000	Ohm-m		
		0.000	mmho-m		3745.000	mmho-m		

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Neutron Calibration Report								
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Serial Number:	Admyr	
Tool Model:	G	
Performed:	Mon Mar 14 10:45:21 2016	
Calibrator Value:	1	NAPI
Calibrator Reading:	1	cps
Sensitivity:	1	NAPI/cps

Gamma Ray Calibration Report								
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Serial Number:	1	
Tool Model:	A	
Performed:	Mon Mar 14 10:45:15 2016	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.7000	GAPI/cps

Temperature Calibration Report								
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Serial Number:	1	
Tool Model:	A	
Performed:	Mon Feb 10 14:27:19 2014	
	Reference	Reading
Low Reference:	0.00 degF	0.00 degF
High Reference:	32.00 degF	32.00 degF
Gain:	1.00	
Offset:	0.00	
Delta Spacing	1	

Inclinometer Calibration Report								
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Performed:	Fri Nov 13 12:11:33 2015				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	205.00	1843.00	-1.00	1.00	gee
Y Accelerometer	205.00	1843.00	-1.00	1.00	gee
Z Accelerometer					gee

[illegible]