



**Notice:** Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

KANSAS CORPORATION COMMISSION 1039928  
OIL & GAS CONSERVATION DIVISION

Form CP-4  
March 2009

Type or Print on this Form  
Form must be Signed  
All blanks must be Filled

**WELL PLUGGING RECORD**  
K.A.R. 82-3-117

OPERATOR: License #: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Address 1: \_\_\_\_\_  
 Address 2: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
 Contact Person: \_\_\_\_\_  
 Phone: ( \_\_\_\_\_ ) \_\_\_\_\_  
 Type of Well: (Check one)  Oil Well  Gas Well  OG  D&A  Cathodic  
 Water Supply Well  Other: \_\_\_\_\_  SWD Permit #: \_\_\_\_\_  
 ENHR Permit #: \_\_\_\_\_  Gas Storage Permit #: \_\_\_\_\_  
 Is ACO-1 filed?  Yes  No If not, is well log attached?  Yes  No  
 Producing Formation(s): List All (If needed attach another sheet)  
 \_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_  
 \_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_  
 \_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_

API No. 15 - \_\_\_\_\_  
 Spot Description: \_\_\_\_\_  
 \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 \_\_\_\_\_ Feet from  North /  South Line of Section  
 \_\_\_\_\_ Feet from  East /  West Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
 County: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_  
 Date Well Completed: \_\_\_\_\_  
 The plugging proposal was approved on: \_\_\_\_\_ (Date)  
 by: \_\_\_\_\_ (KCC District Agent's Name)  
 Plugging Commenced: \_\_\_\_\_  
 Plugging Completed: \_\_\_\_\_

Show depth and thickness of all water, oil and gas formations.

Oil, Gas or Water Records		Casing Record (Surface, Conductor & Production)			
Formation	Content	Casing	Size	Setting Depth	Pulled Out

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

Plugging Contractor License #: \_\_\_\_\_ Name: \_\_\_\_\_  
 Address 1: \_\_\_\_\_ Address 2: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
 Phone: ( \_\_\_\_\_ ) \_\_\_\_\_  
 Name of Party Responsible for Plugging Fees: \_\_\_\_\_  
 State of \_\_\_\_\_ County, \_\_\_\_\_, ss.  
 \_\_\_\_\_  Employee of Operator or  Operator on above-described well,  
 (Print Name)

being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.

Submitted Electronically

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202



**Borehole Compensated  
Sonic Log**

**DIGITAL LOG (785) 625-3858**

API No. 15-101-22,309-00-00	Company <b>Flatirons Resources, LLC</b>	Location <b>NW, SE, NE 1650' FNL &amp; 990' FEL</b>	Other Services CNL/CDL MEL/DIL
Well <b>SRC No. 42-22</b>	County <b>Lane</b>		
Field <b>Wildcat</b>	Lane <b>Lane</b>	State <b>Kansas</b>	Elevation K.B. 2663 D.F. 2656 G.L. 2656
Sec: <b>22</b>	Twp: <b>16S</b>		
Rge: <b>28W</b>			

Permanent Datum	Ground Level	Elevation 2656
Log Measured From	Kelly Bushing	7 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	

Date	10/13/2011
Run Number	Two
Type Log	BHC Sonic
Depth Driller	4580
Depth Logger	4583
Bottom Logged Interval	4572
Top Logged Interval	200
Type Fluid In Hole	Chemical
Salinity, PPM CL	2500
Density	9.8
Level	Full
Max. Rec. Temp. F	122
Operating Rig Time	4 1/2 Hours
Equipment -- Location	17 Hays
Recorded By	D. Martin
Witnessed By	Clayton Erickson

Borehole Record				Casing Record			
Run No	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	220	8.625	23#	00	220
Two	7.875	220	TD				

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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.

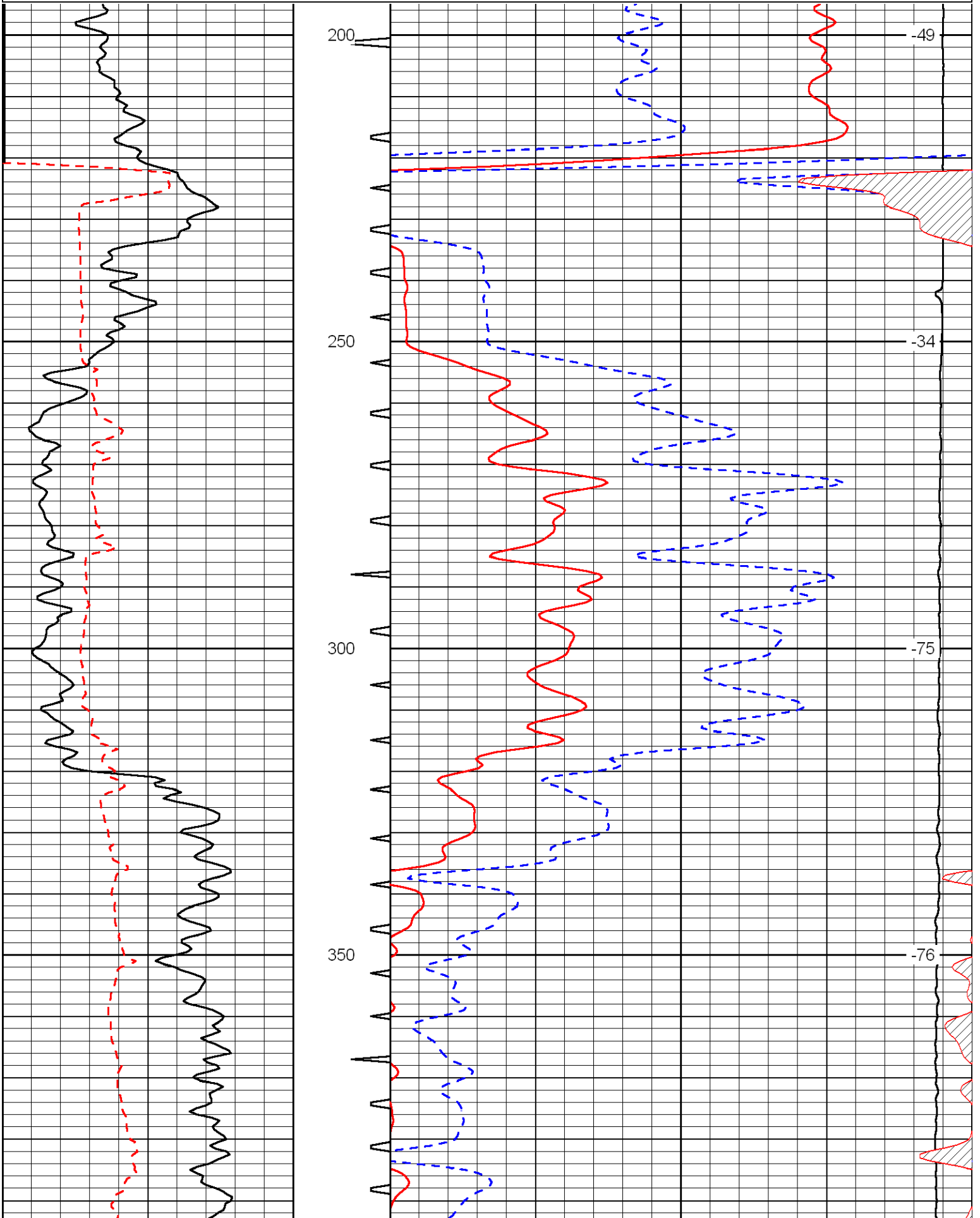
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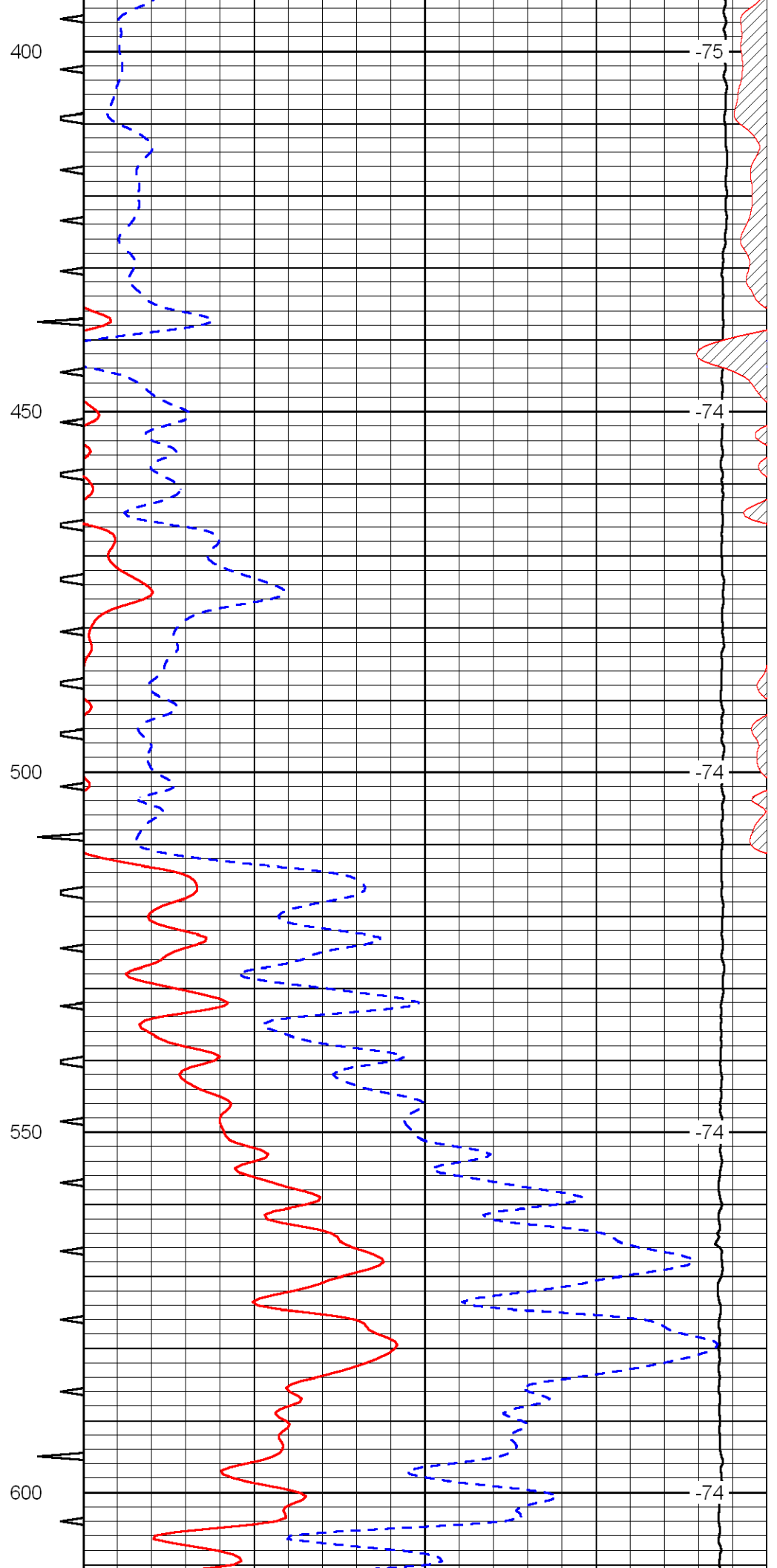
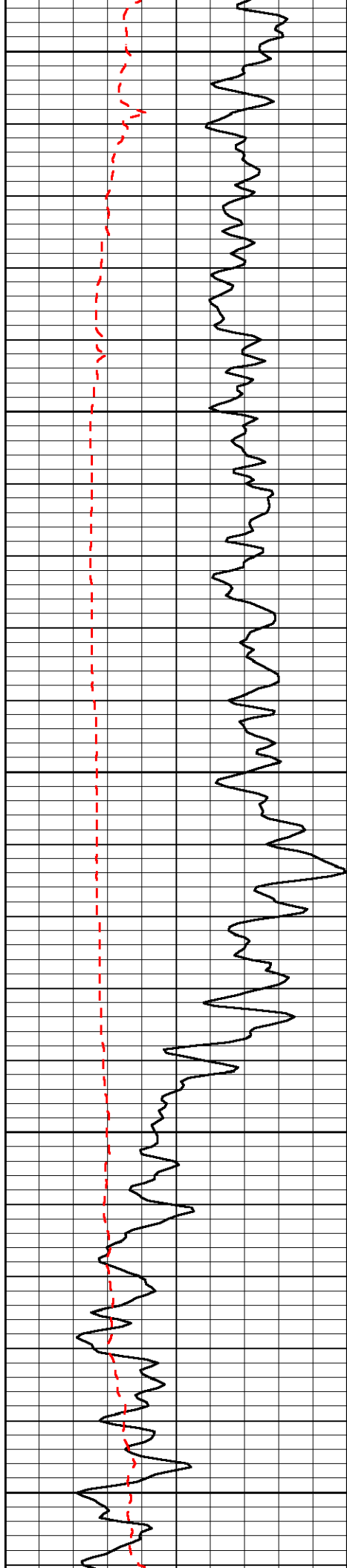
Thank you for using Log-Tech, Inc.  
(785) 625-3858  
  
Shields, KS  
1 1/2 W, 1 N Into

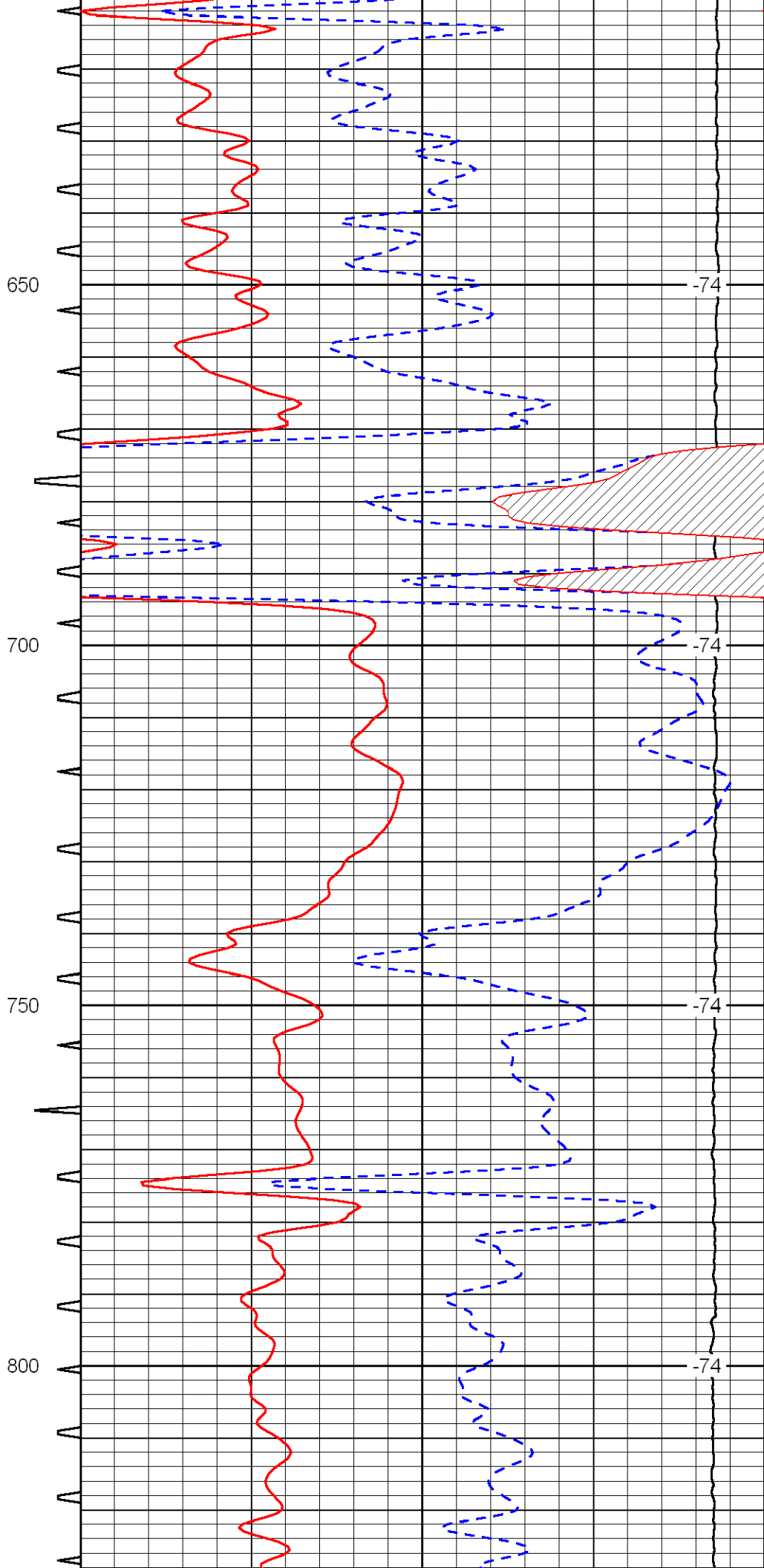
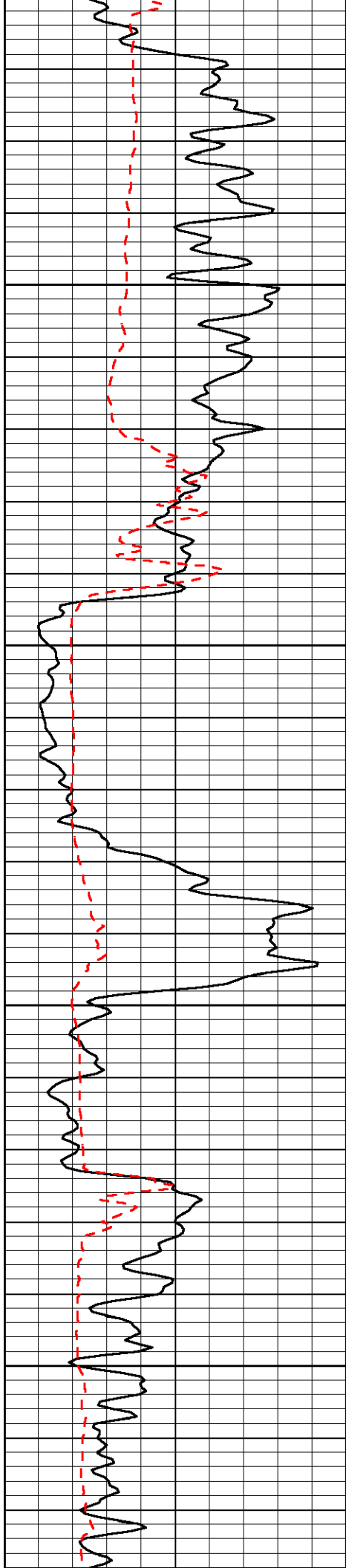
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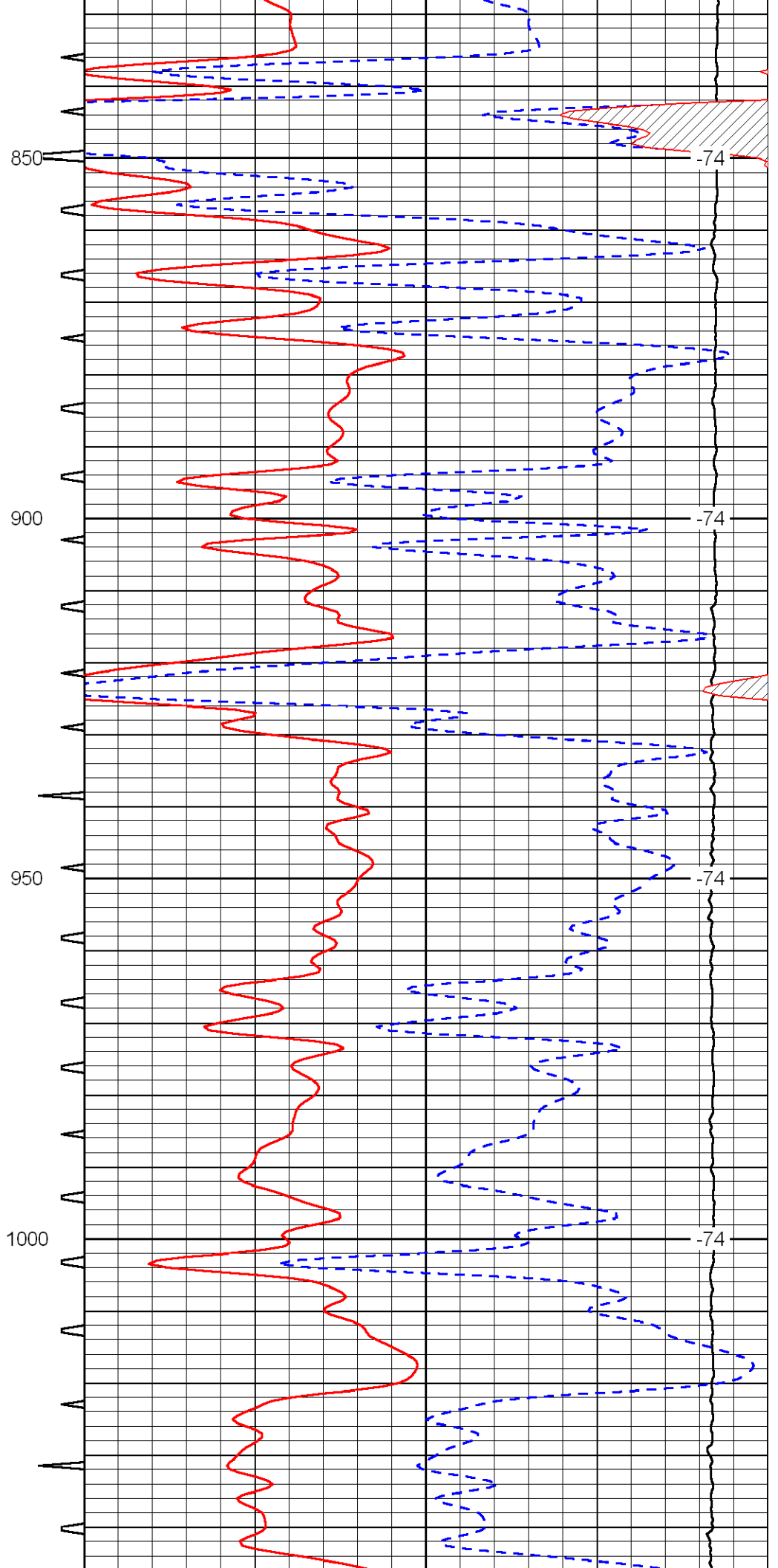
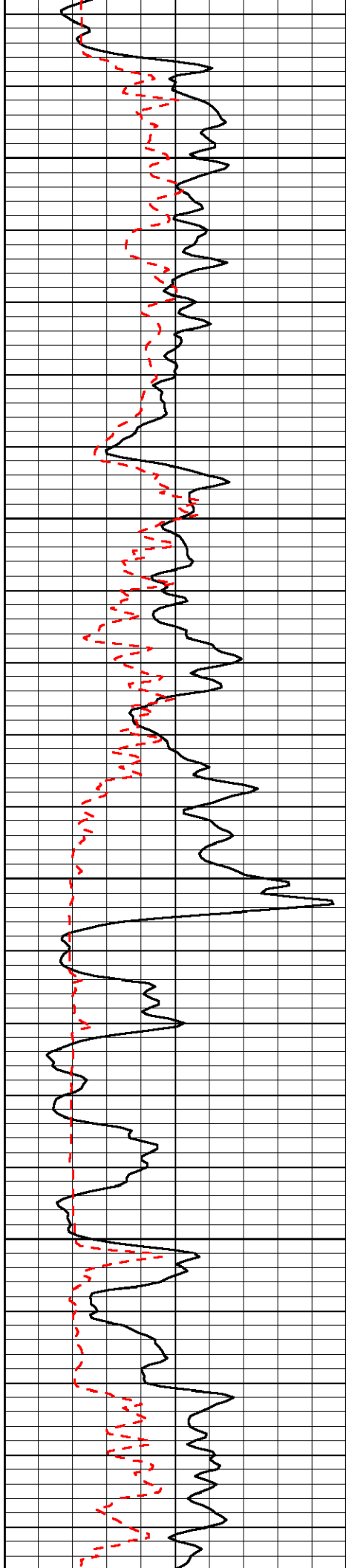
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150	Gamma Ray	300	5	0	Sonic Porosity	-10
6	dCAL (GAPI)	16		15000	LTEN (lb)	0

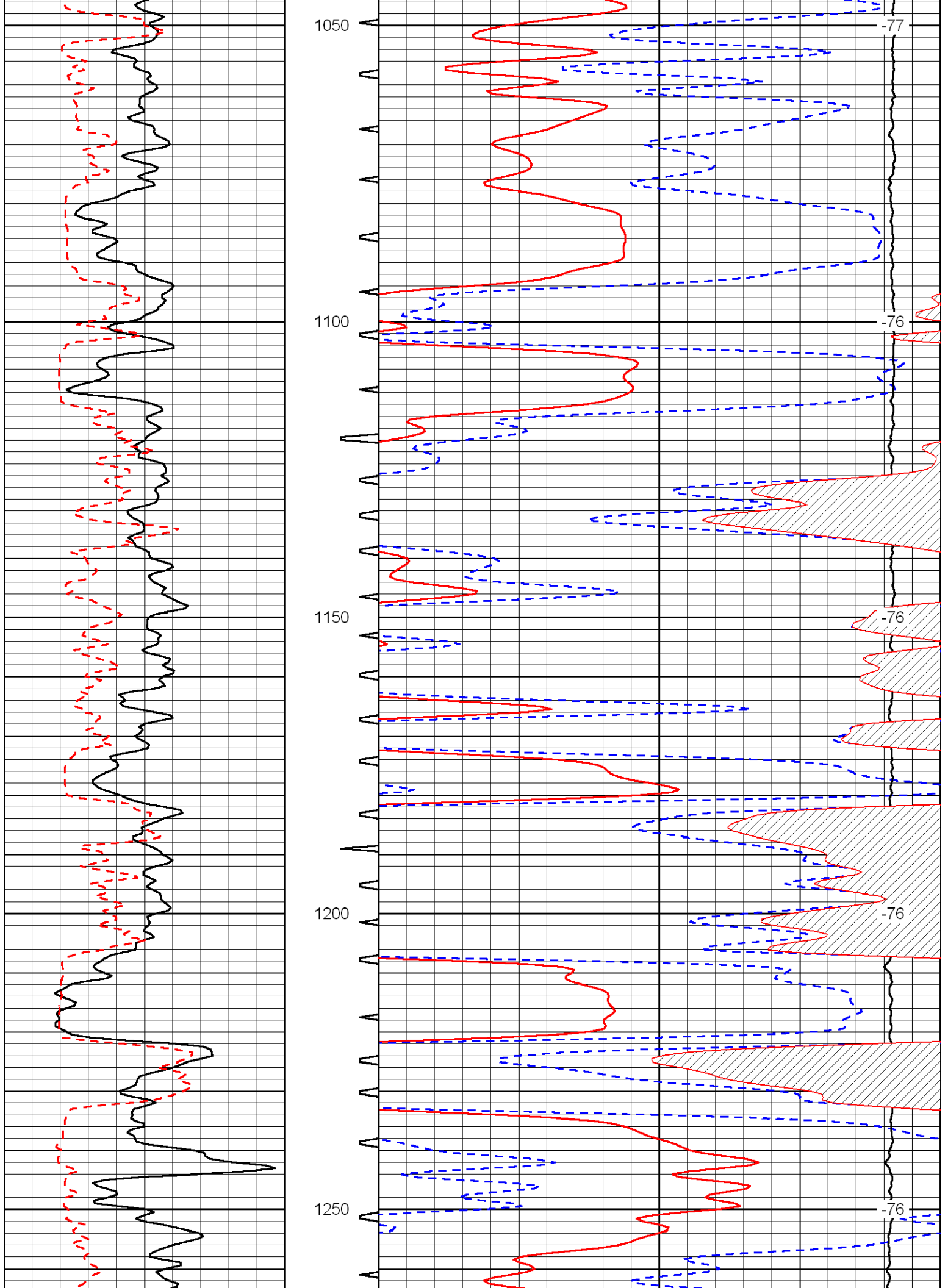
LSPD

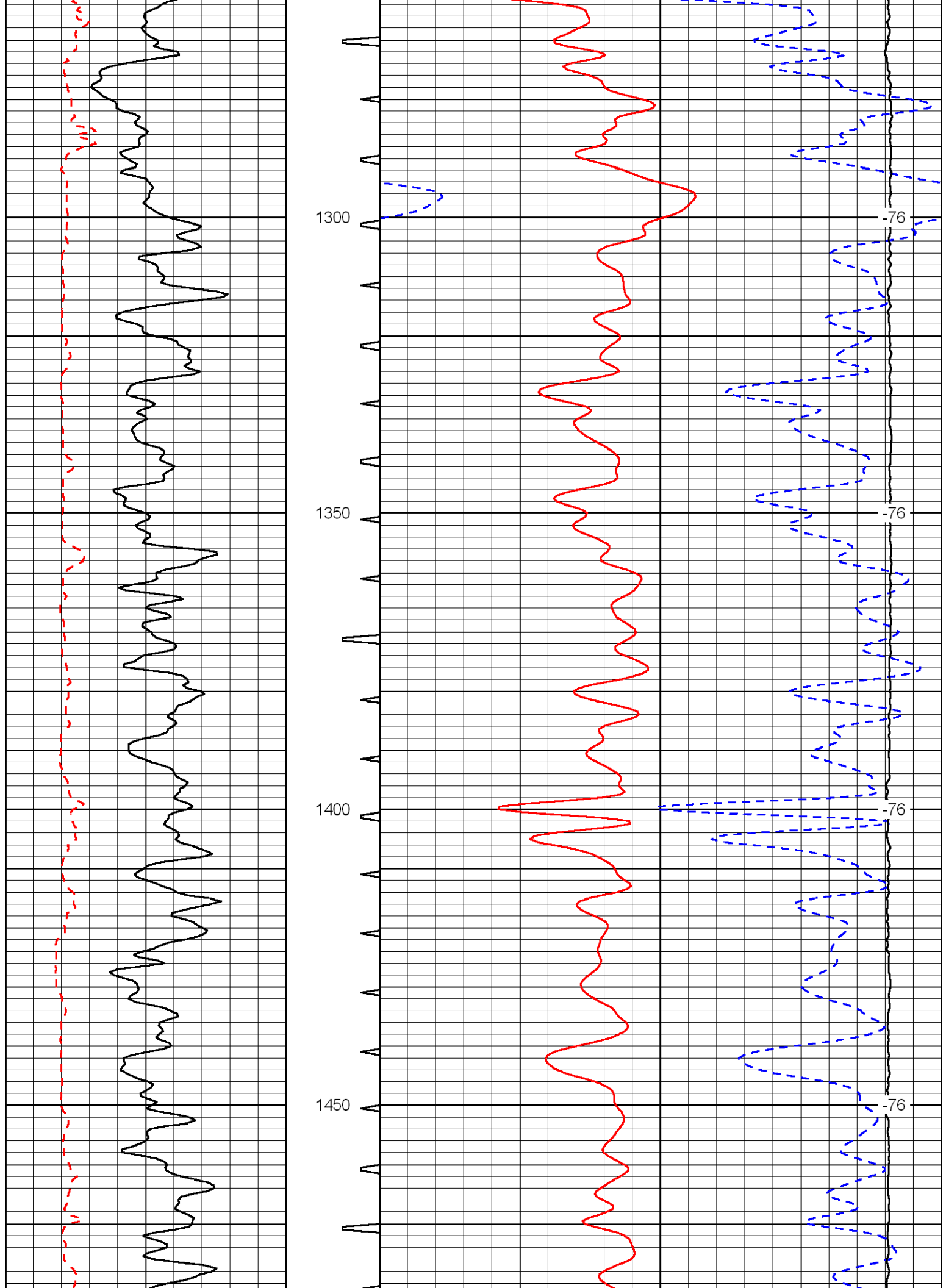




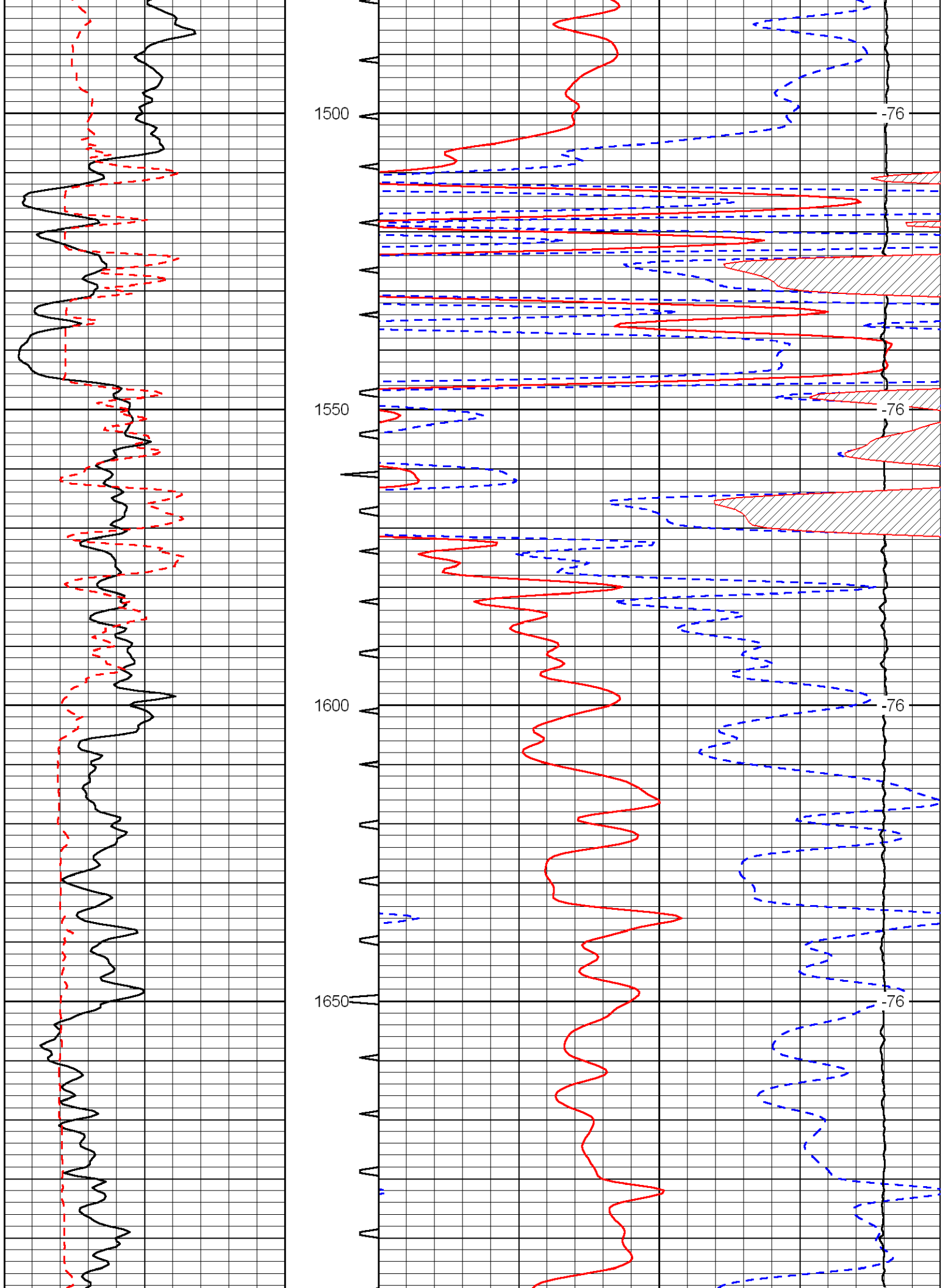


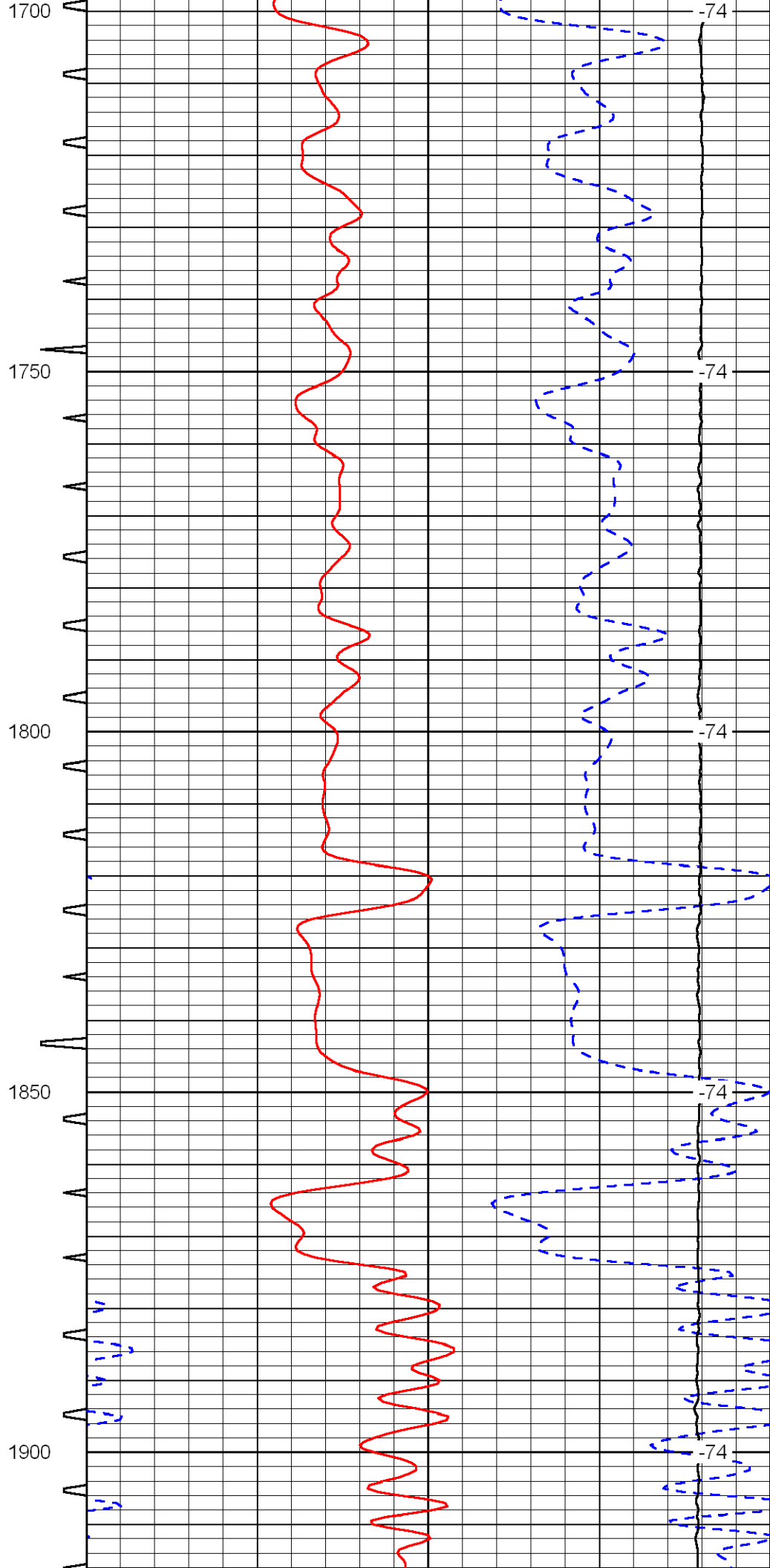
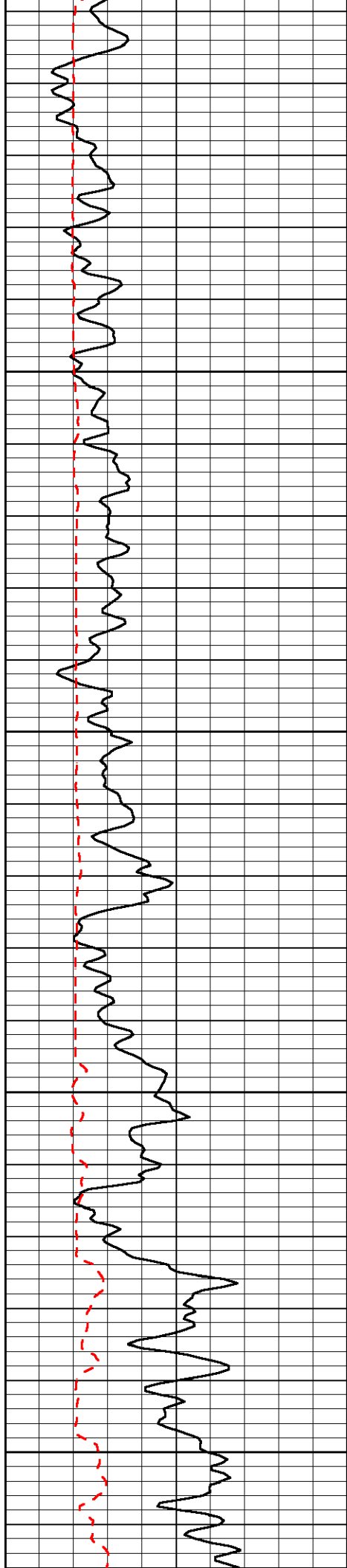


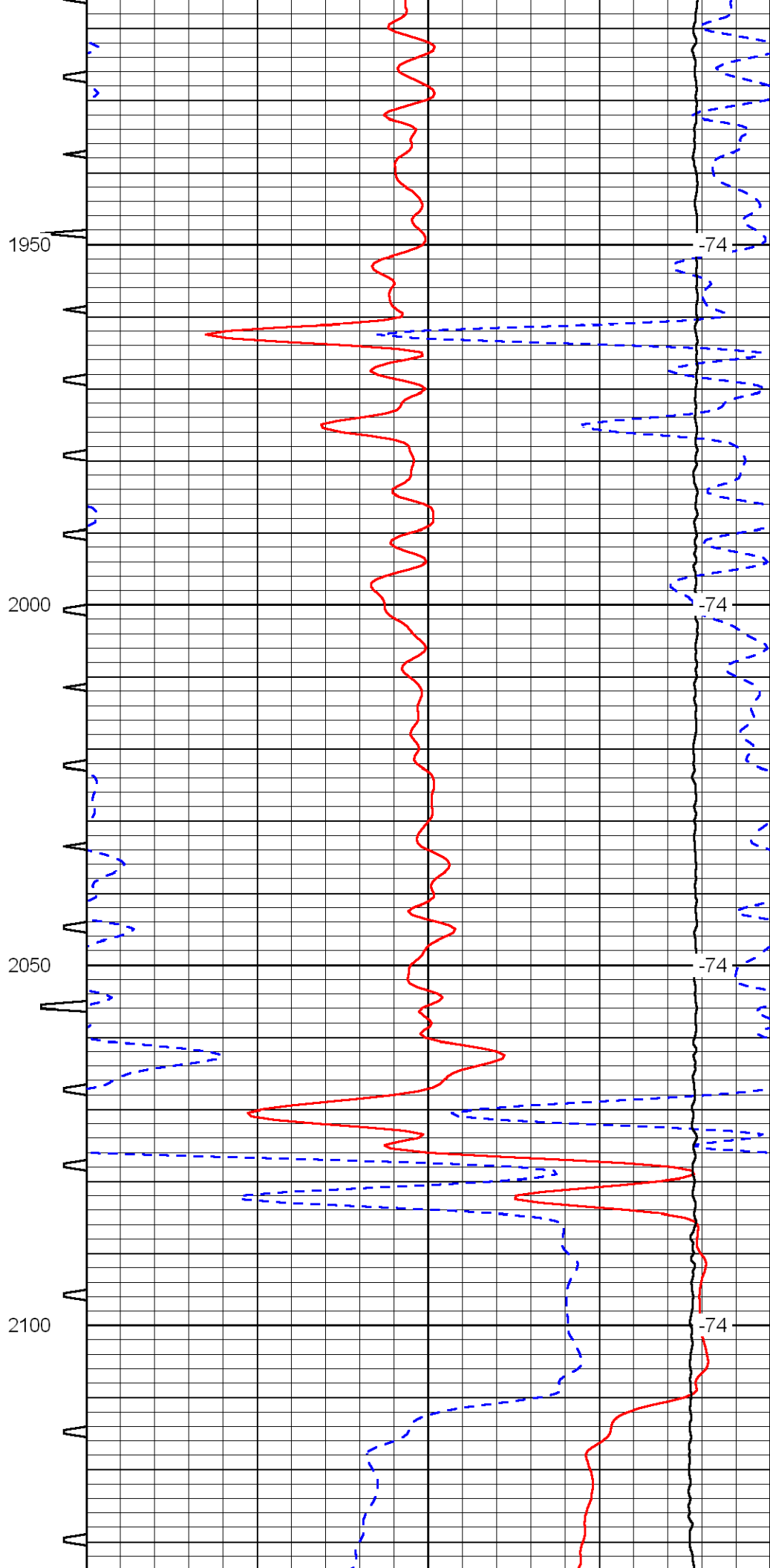
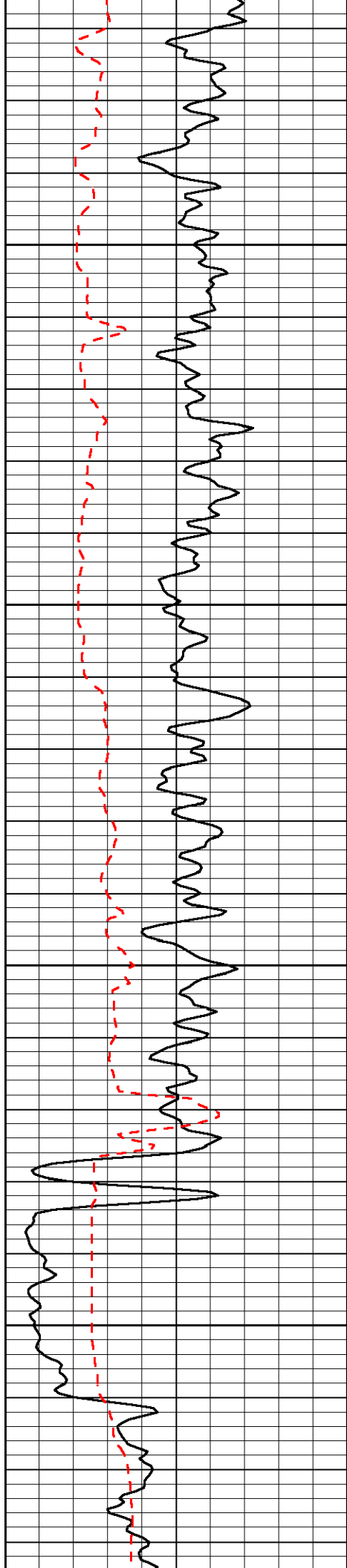


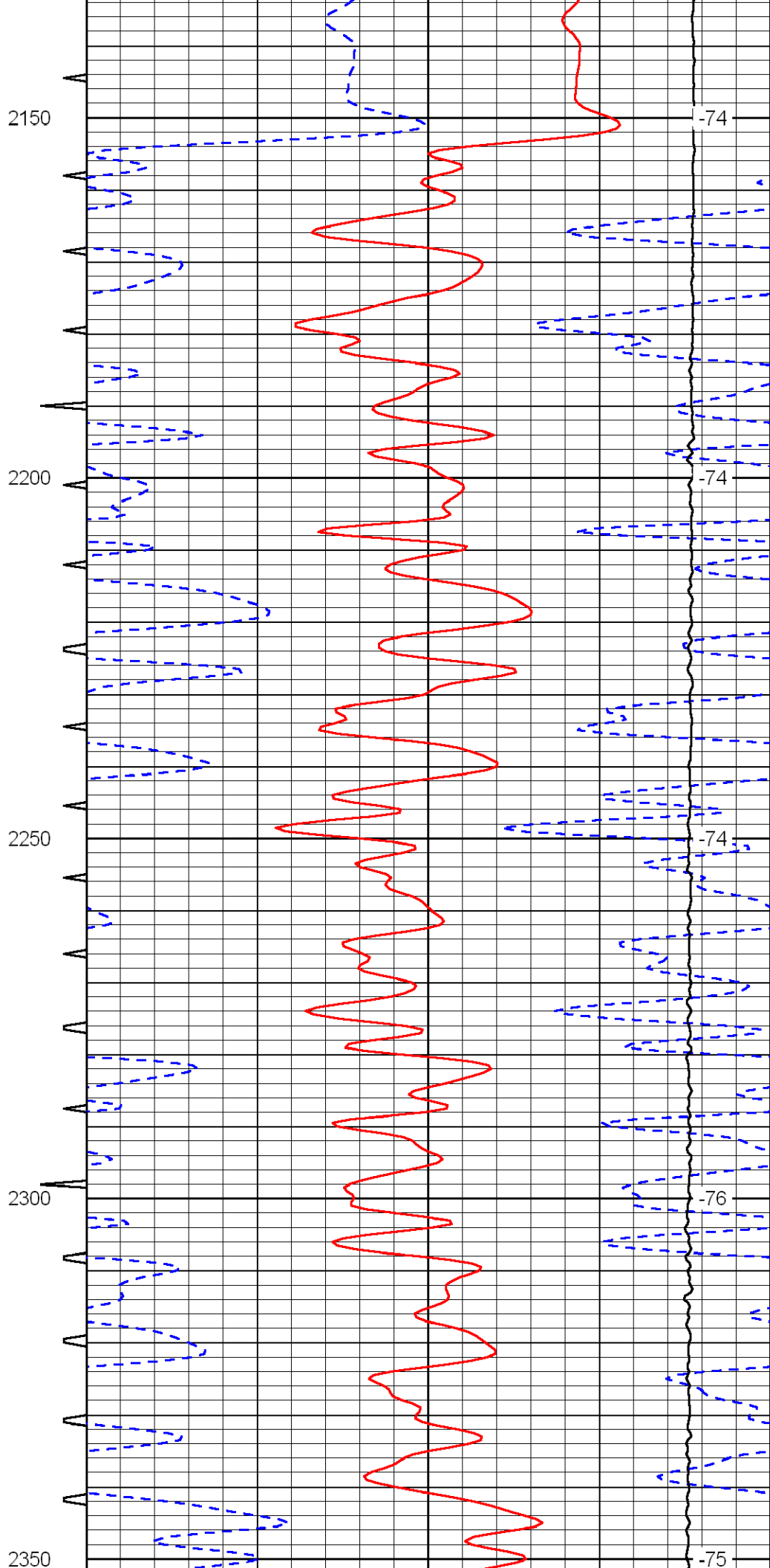
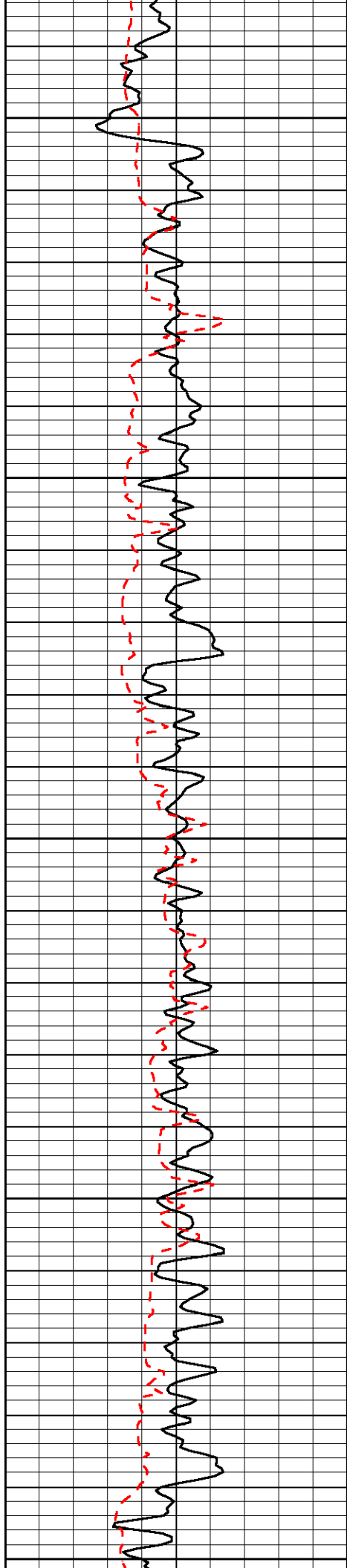


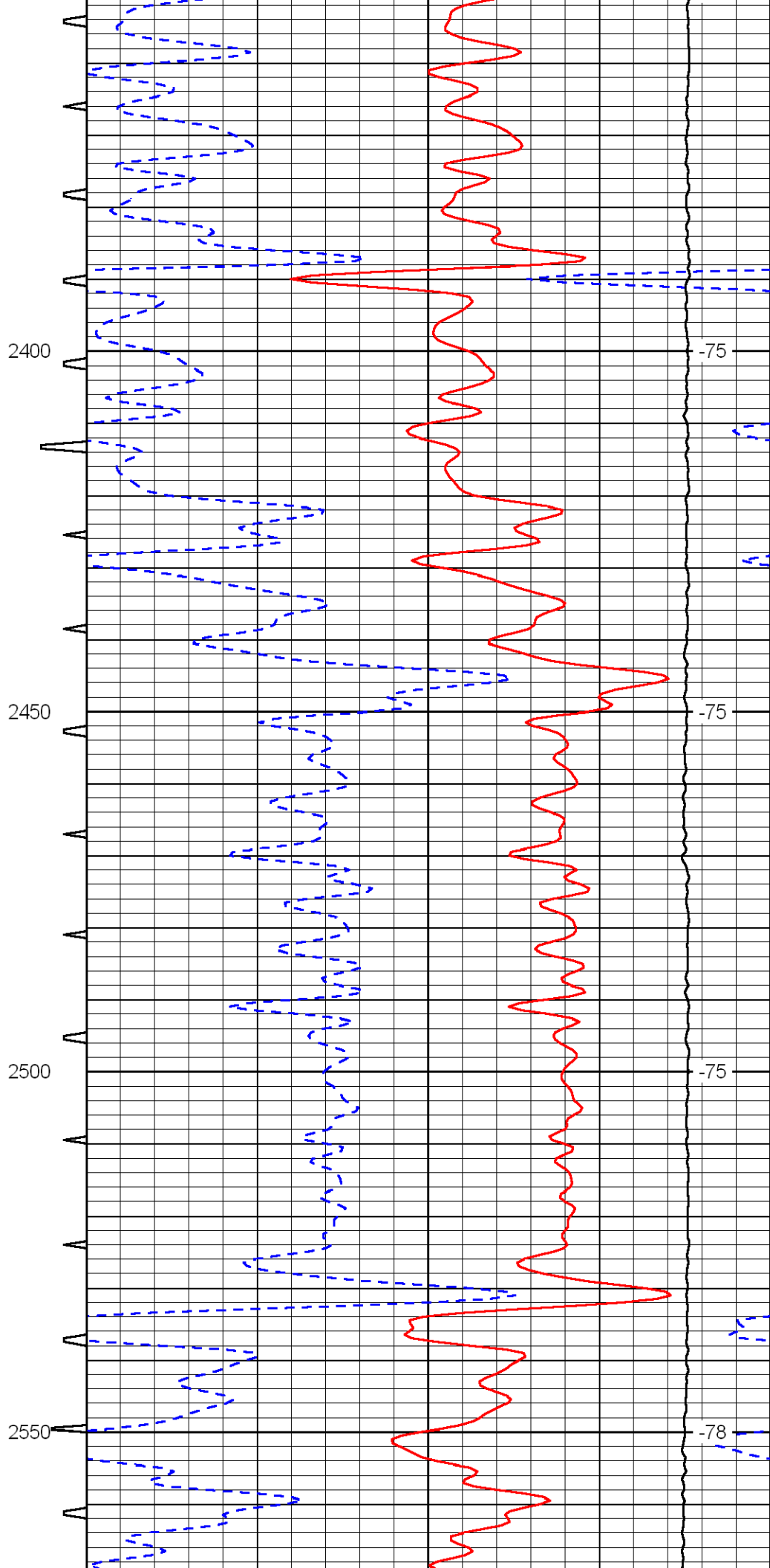
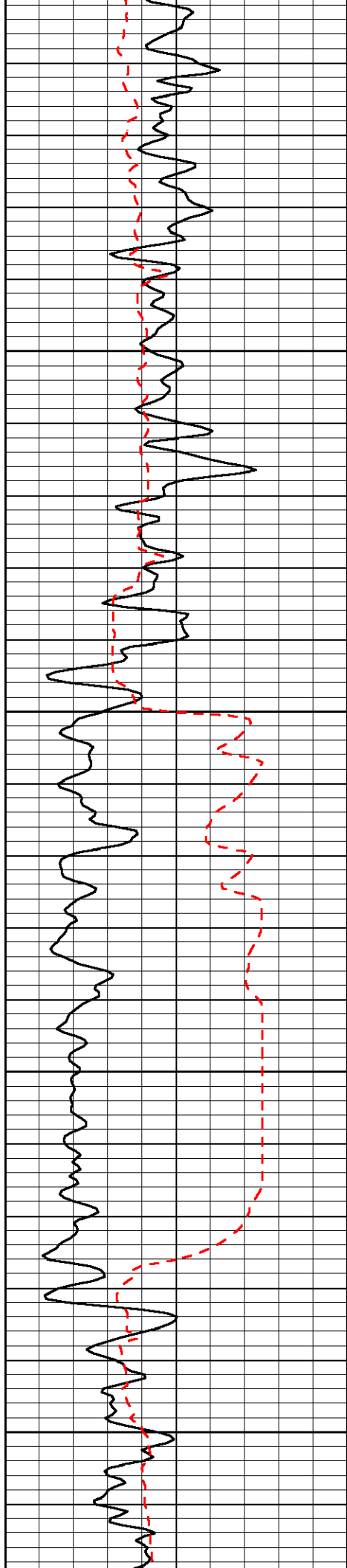


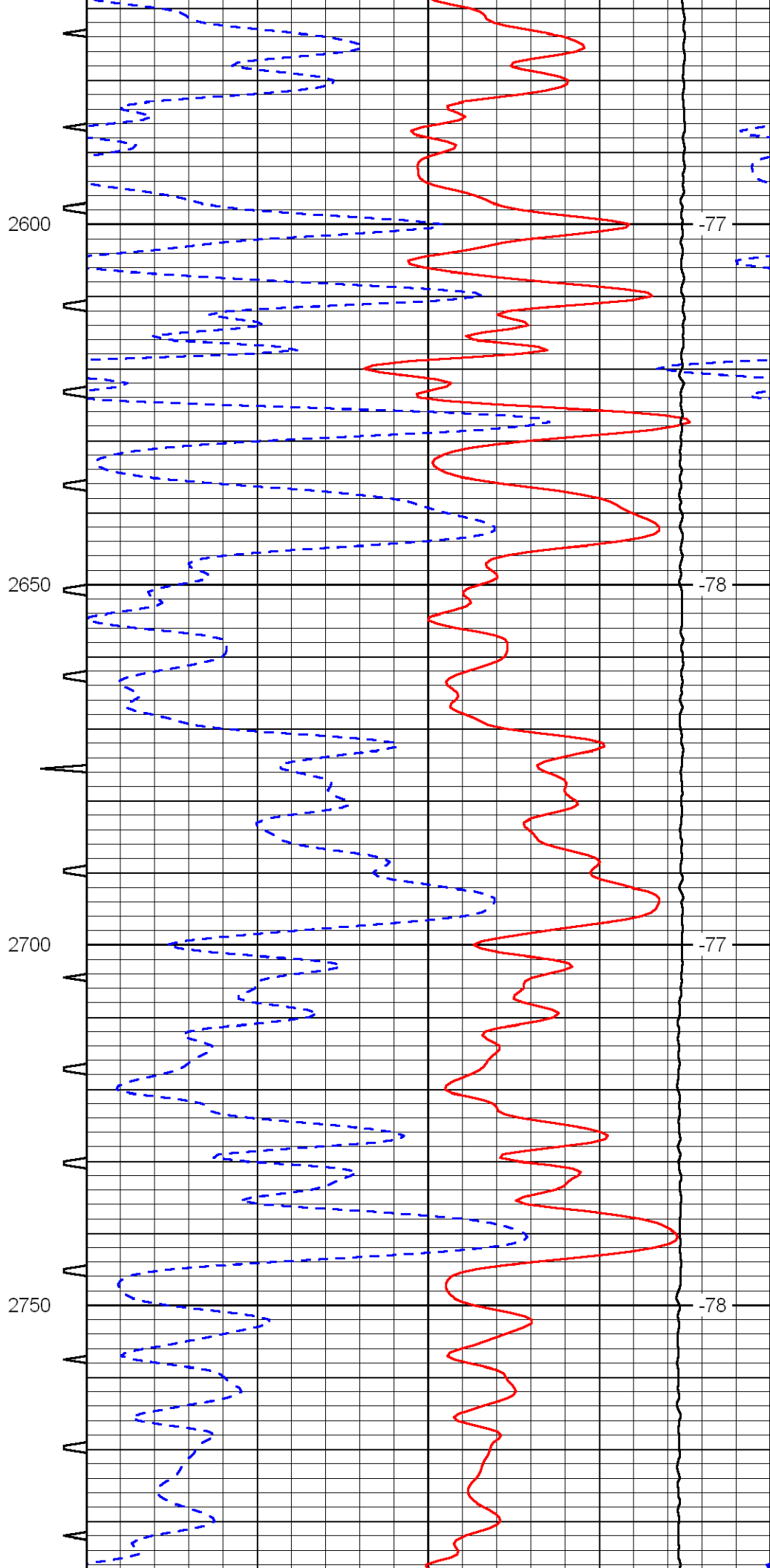
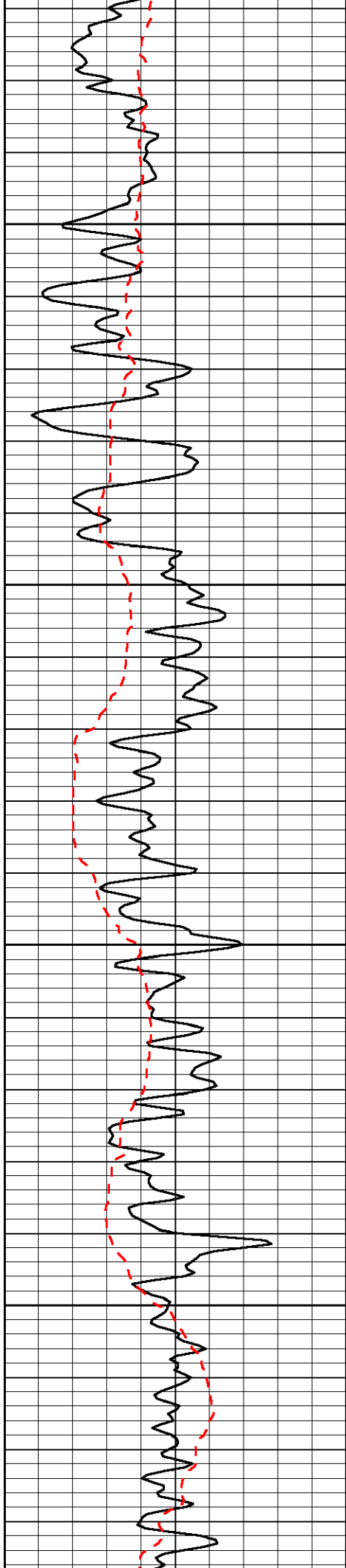


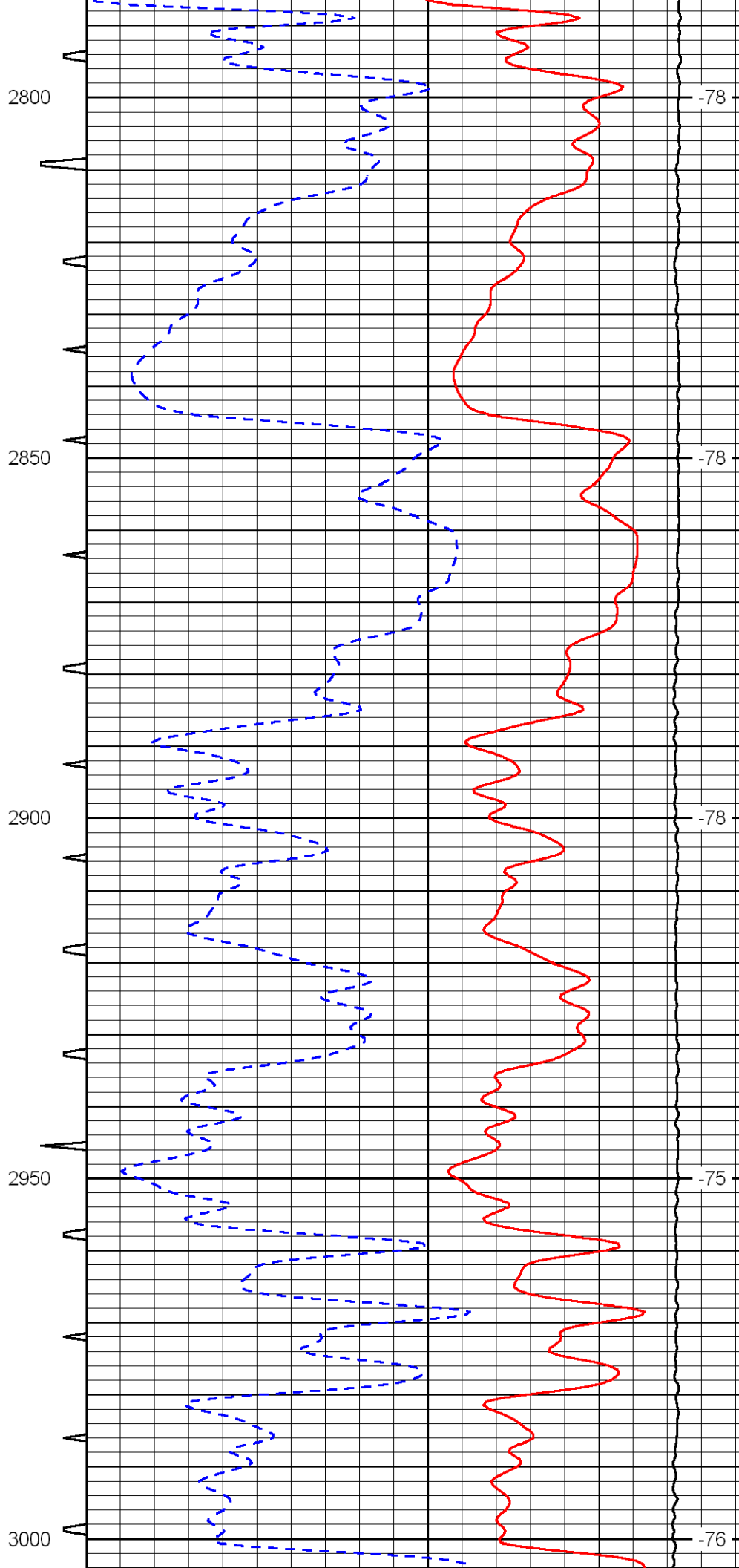
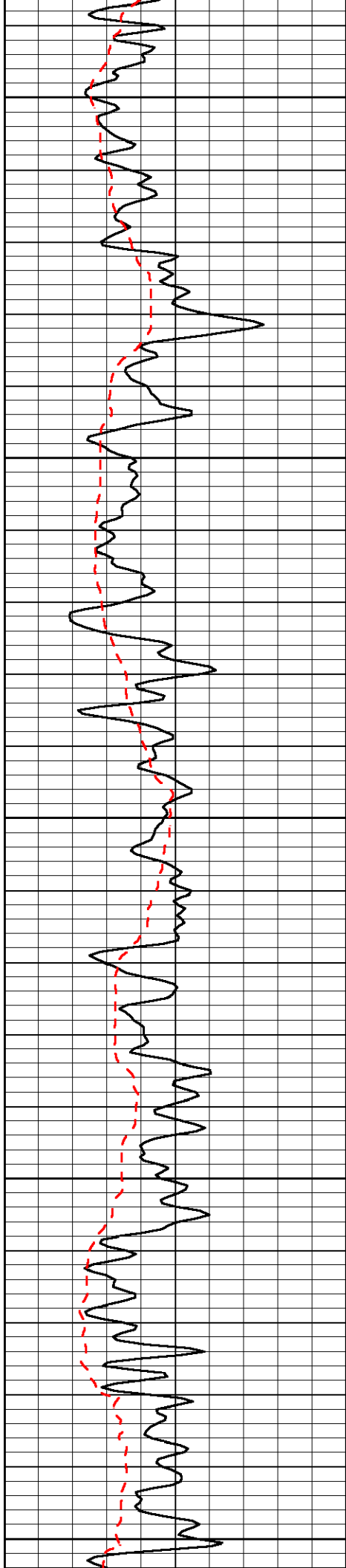


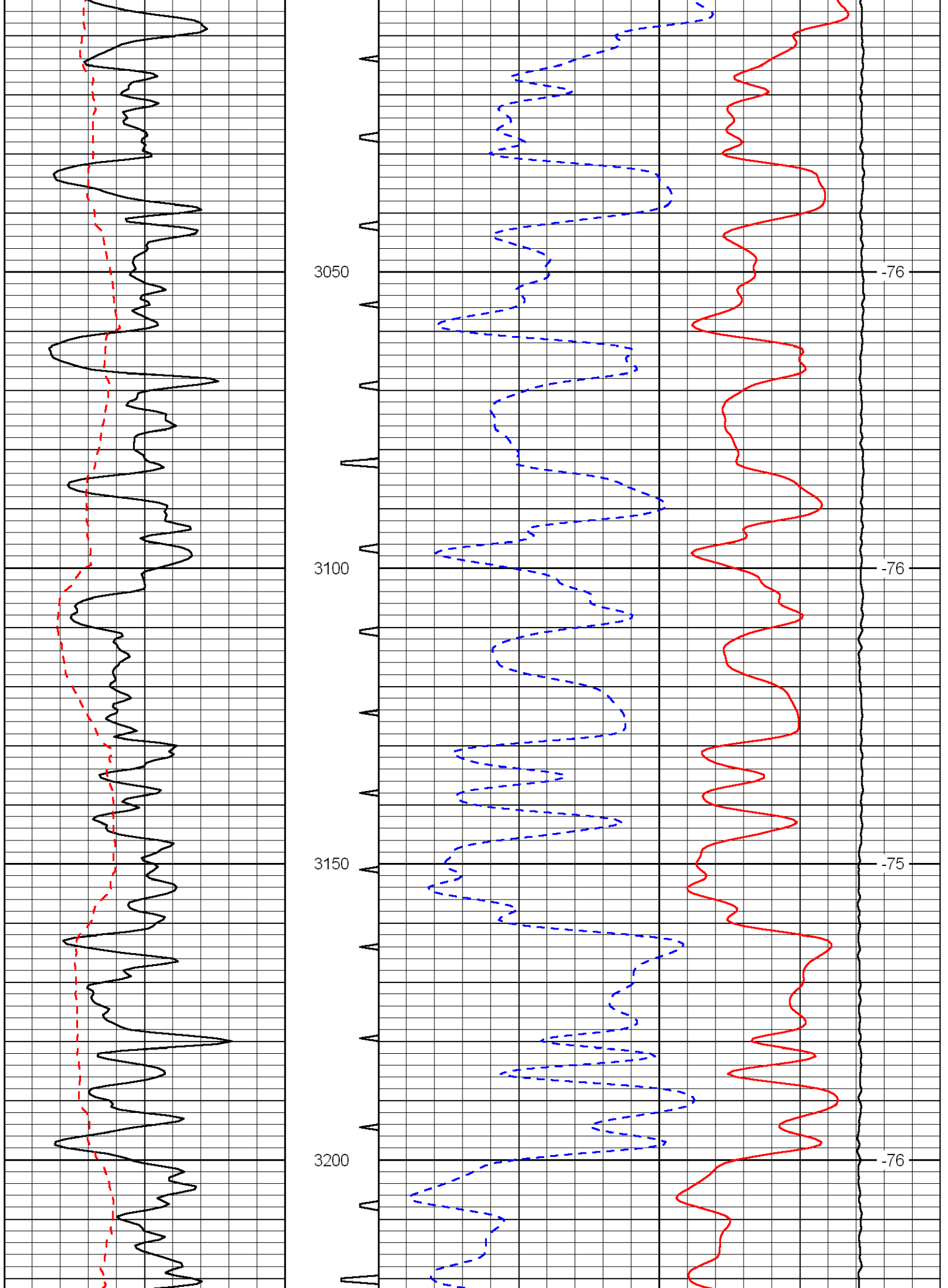




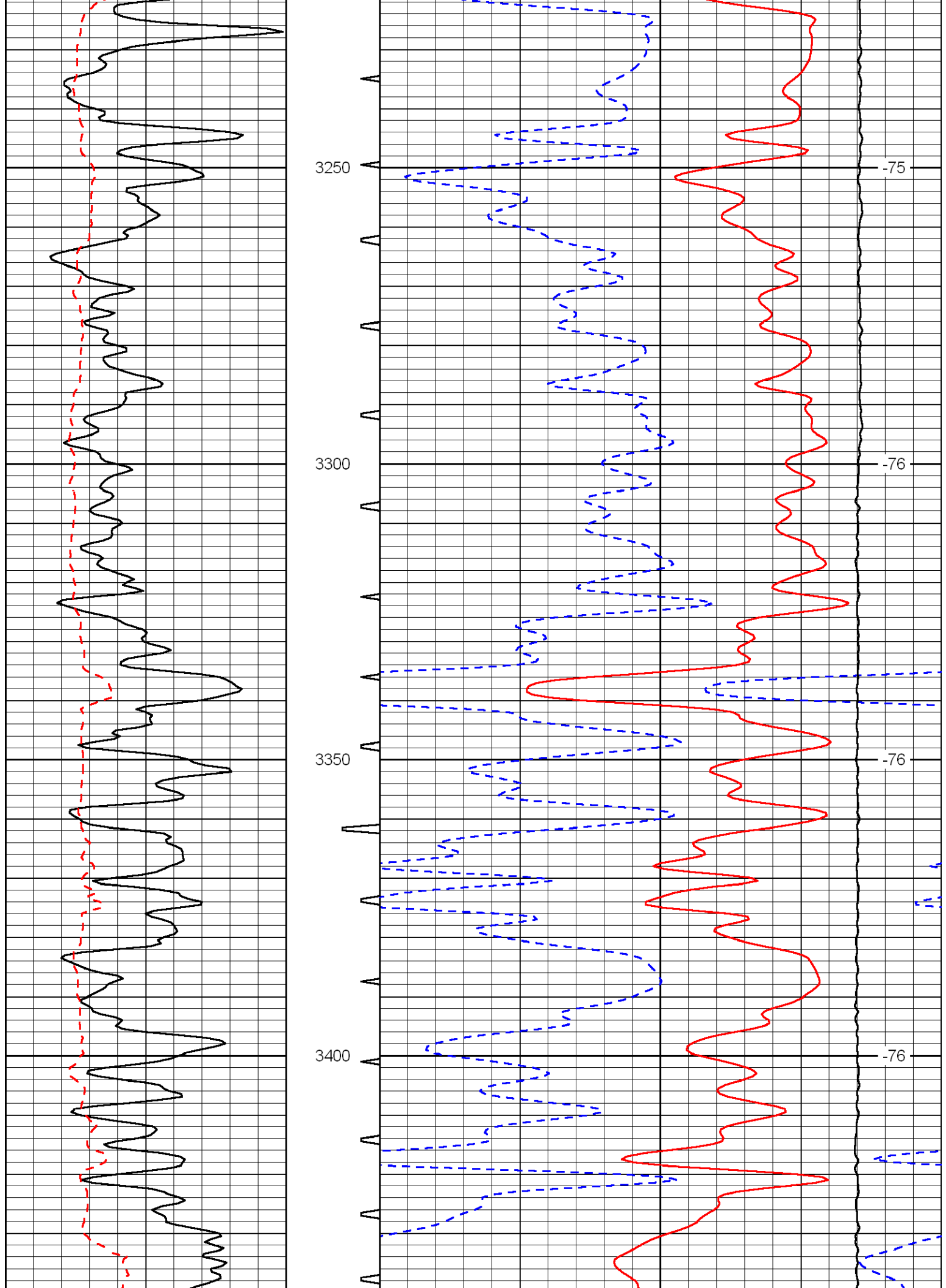


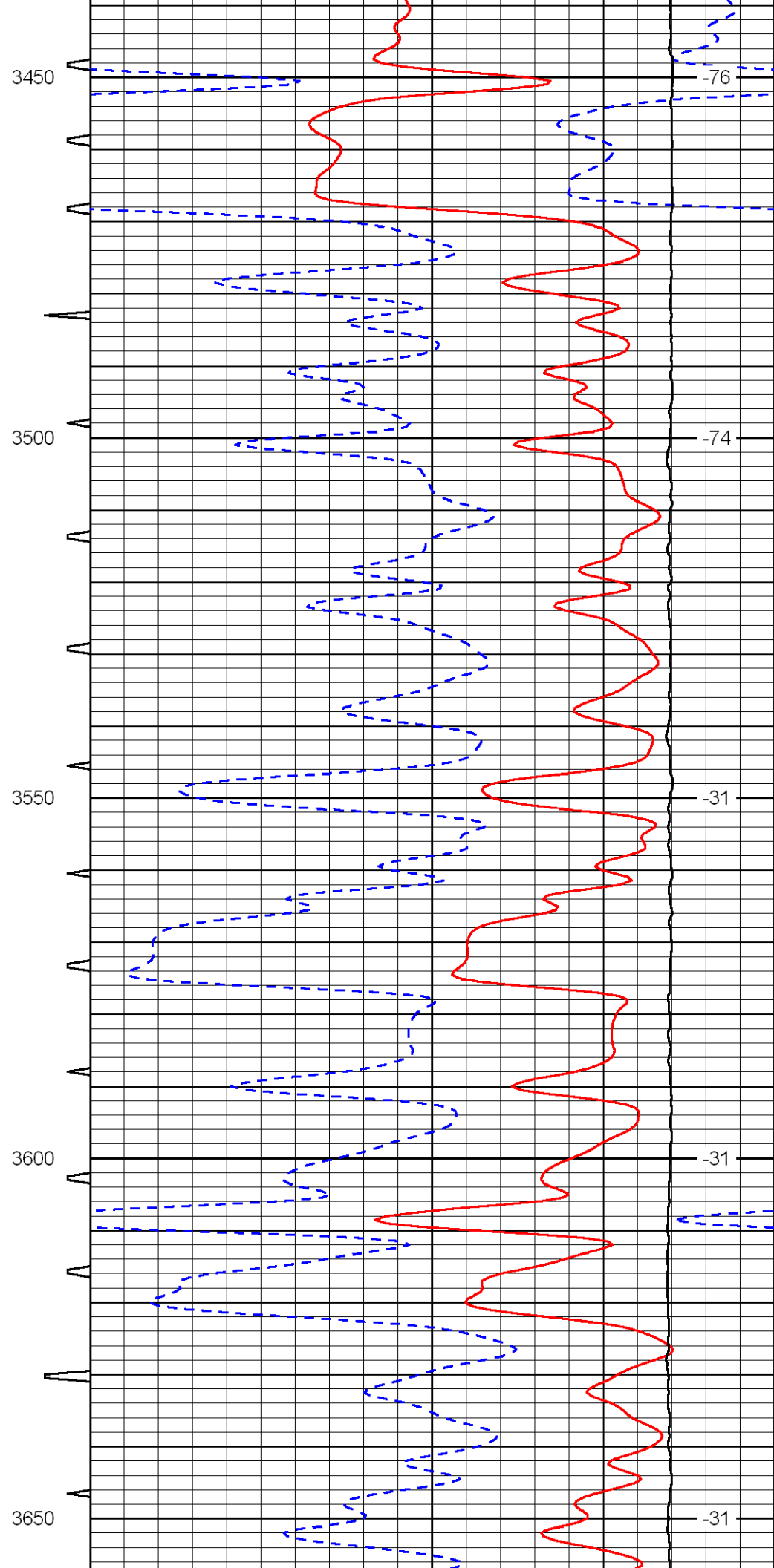
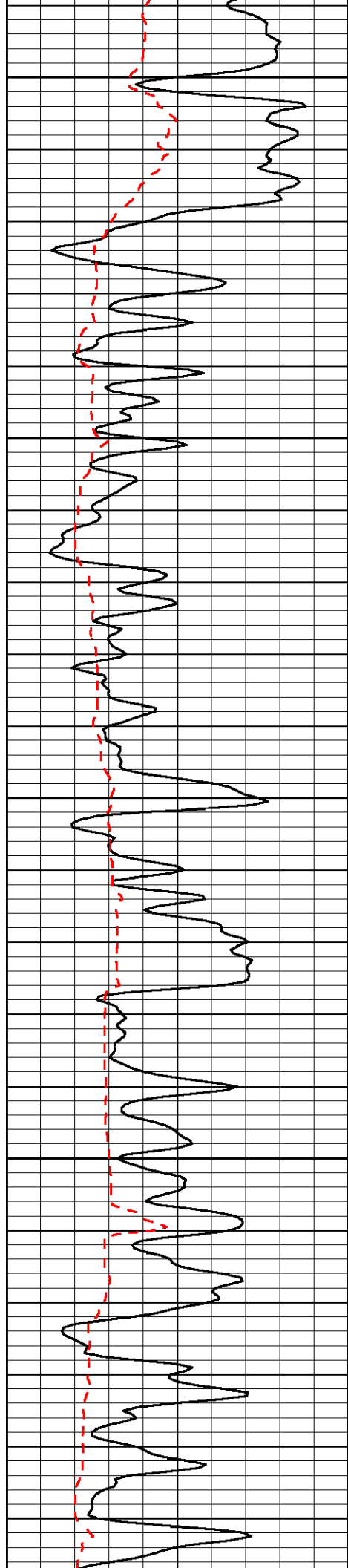


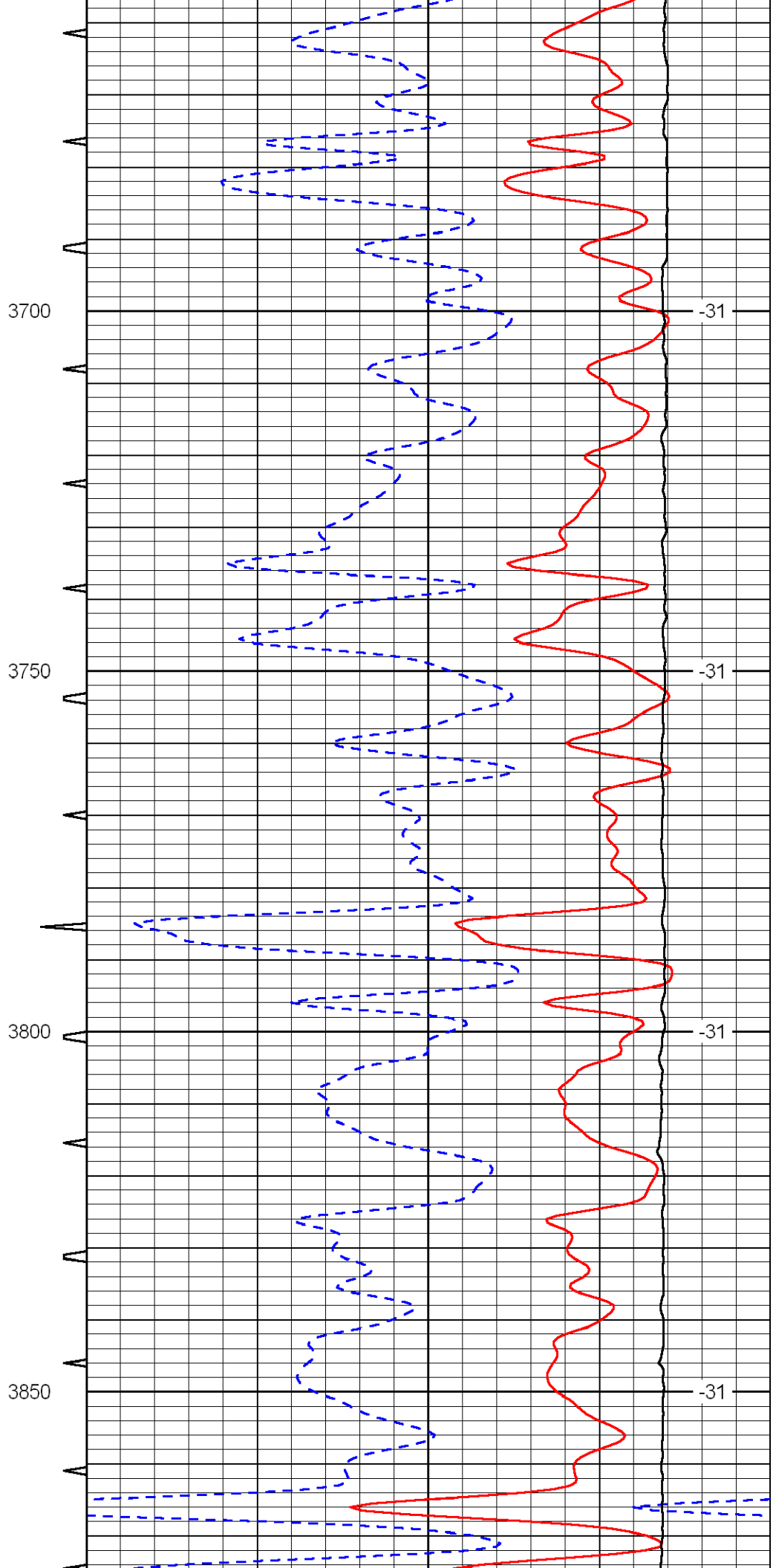
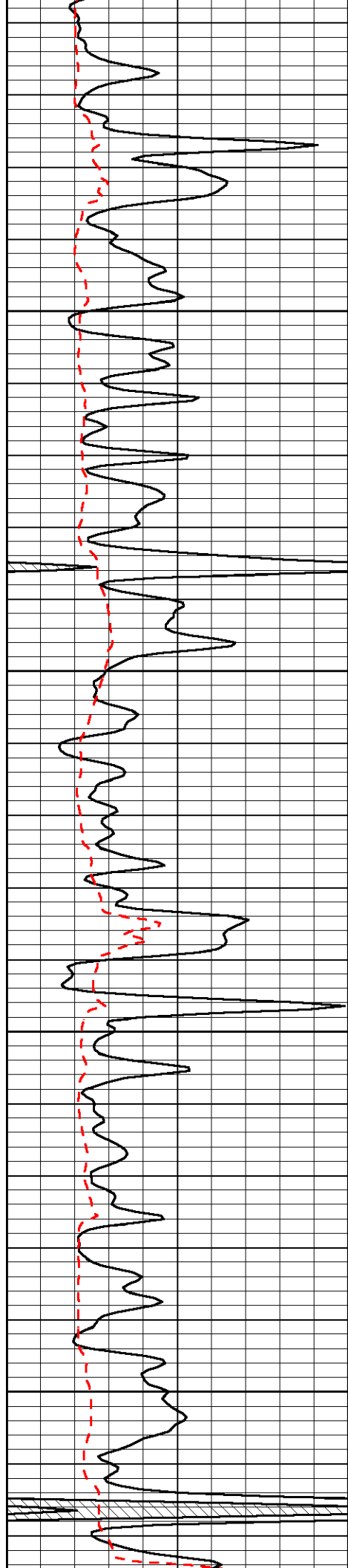


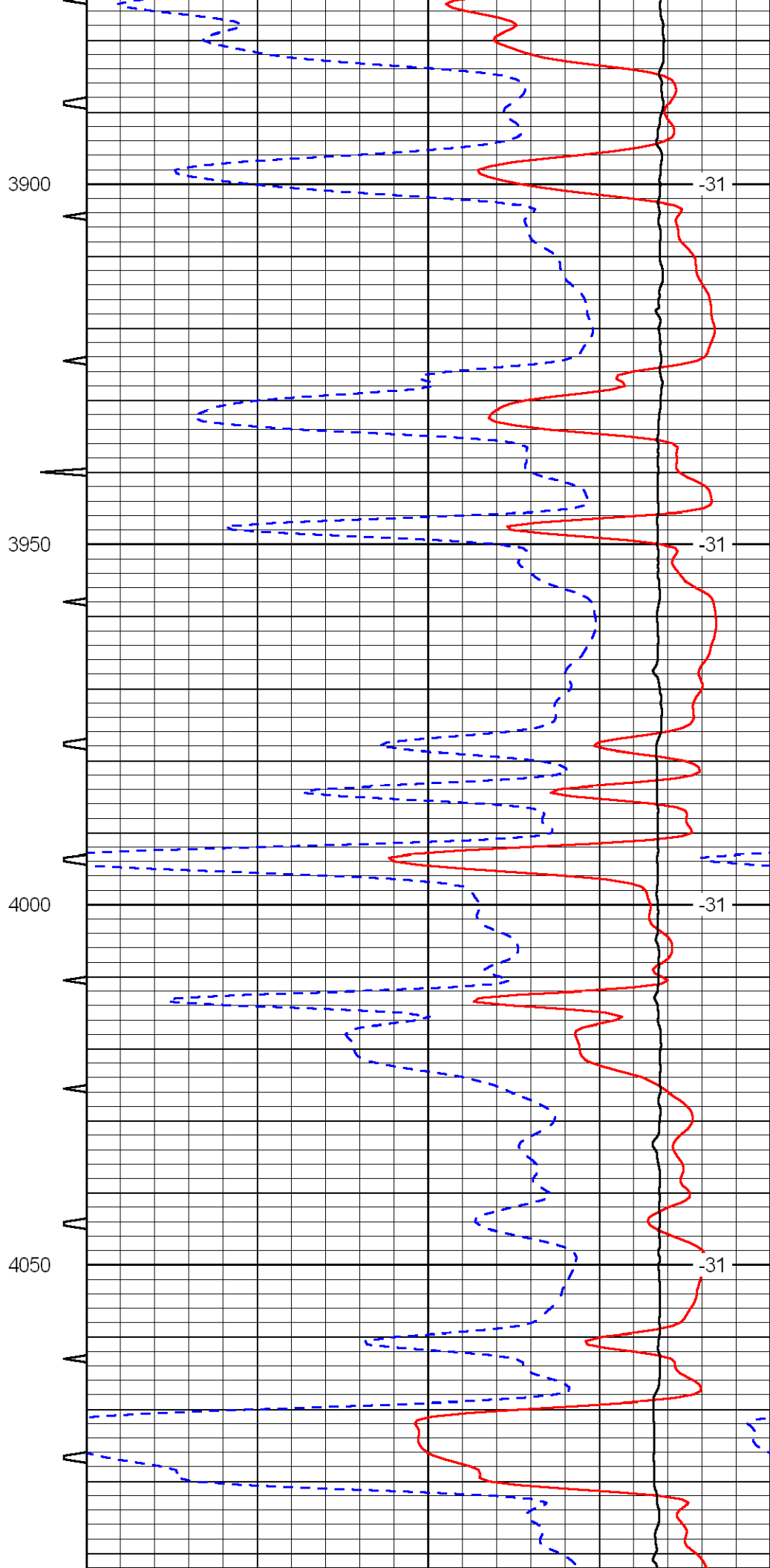
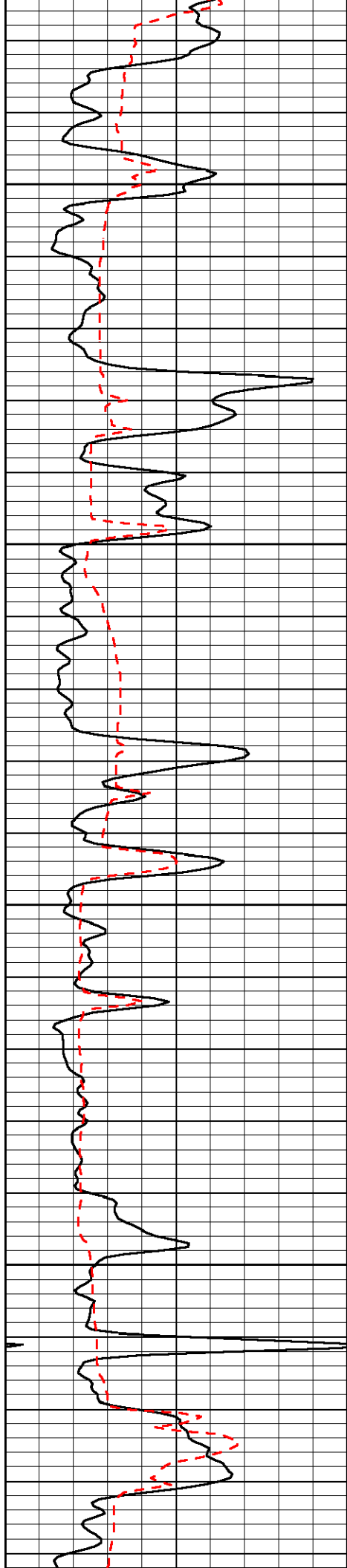


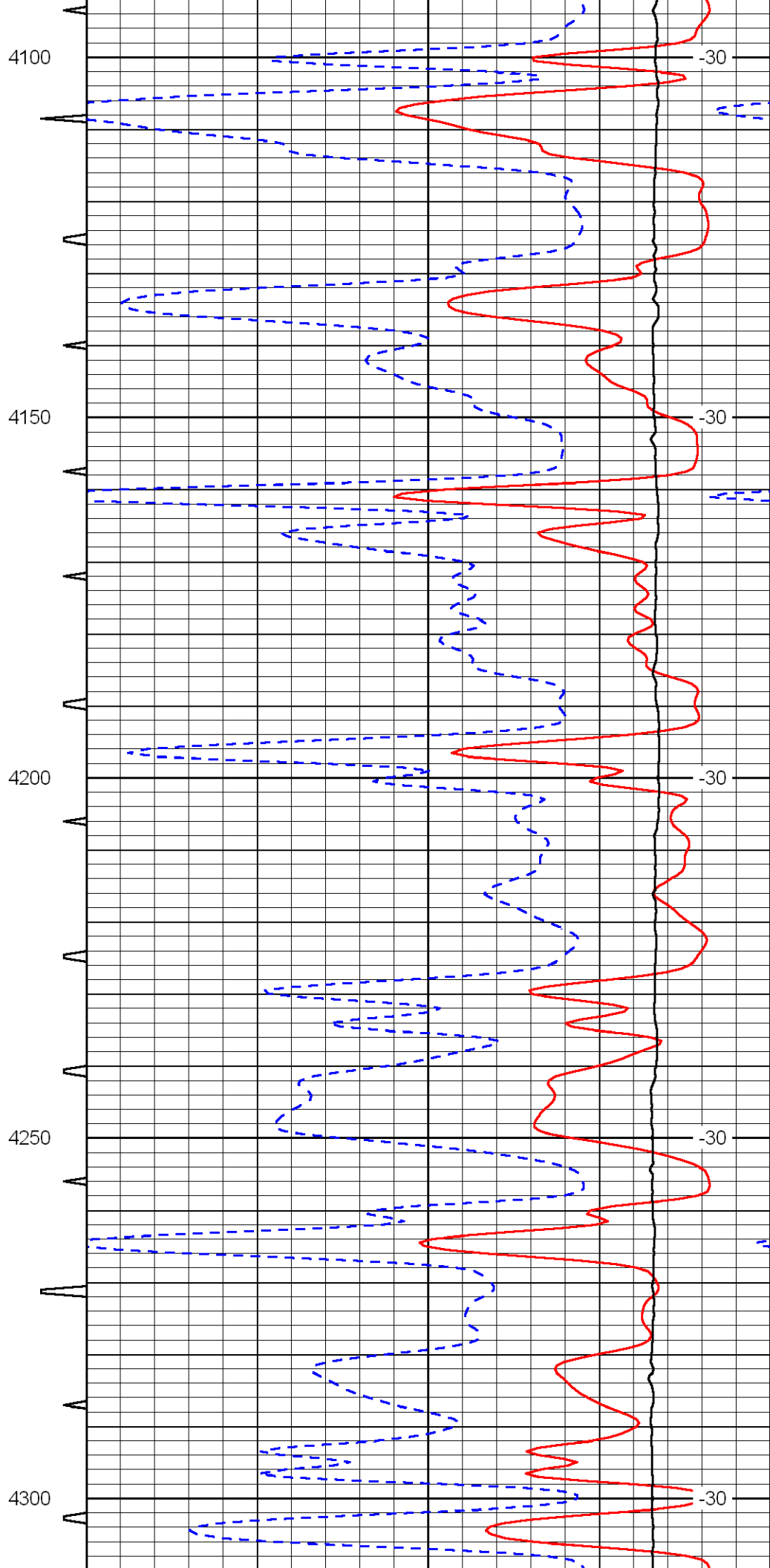
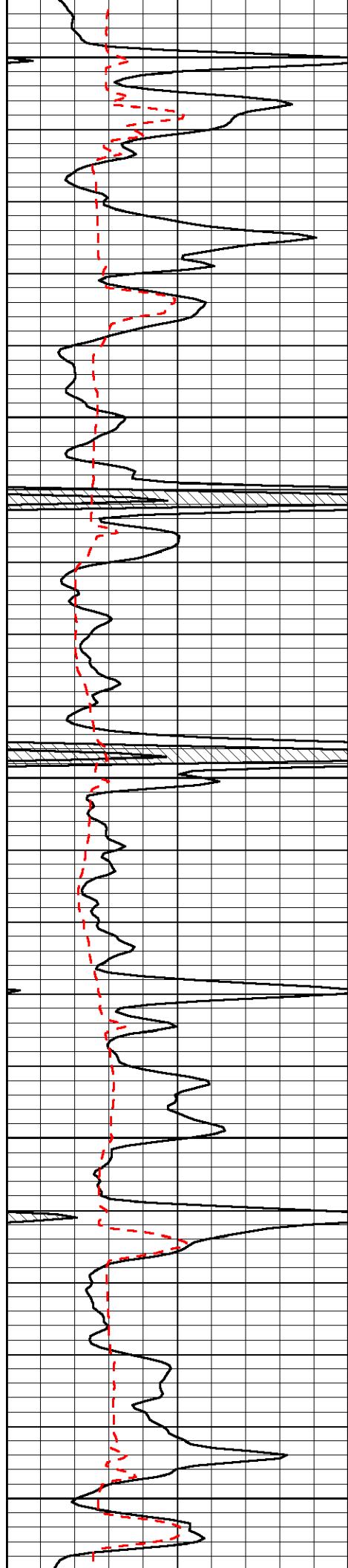


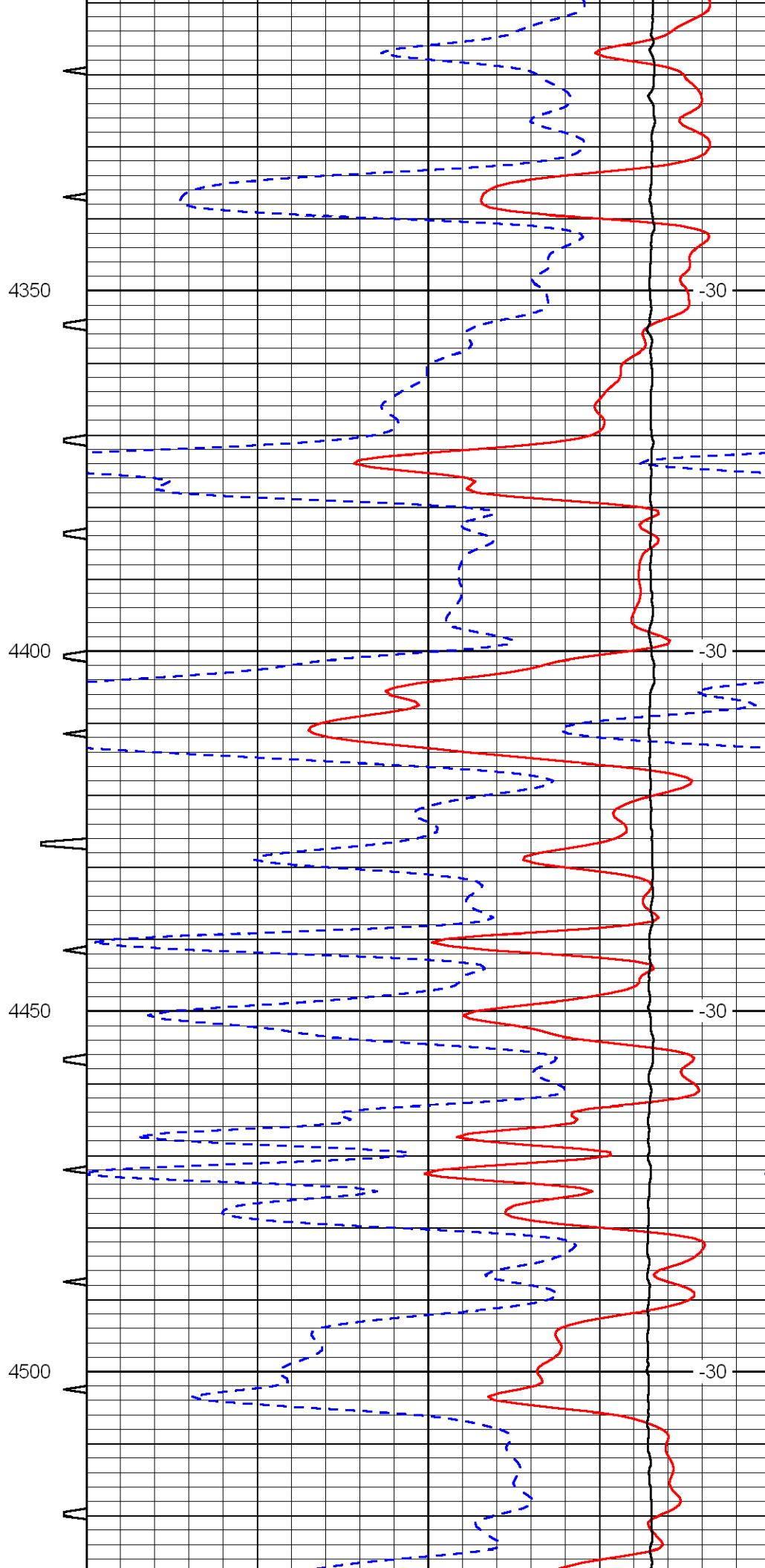
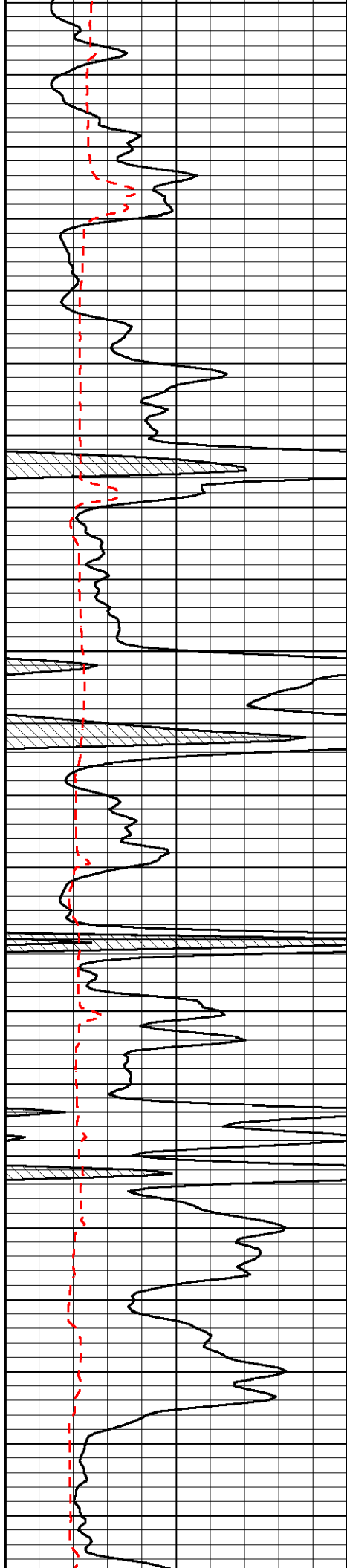


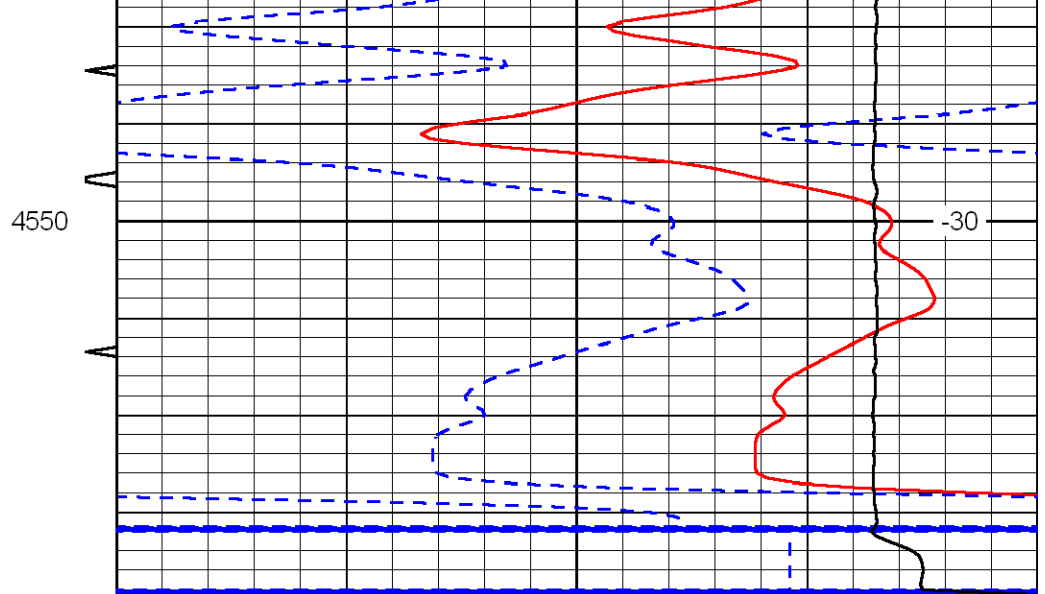
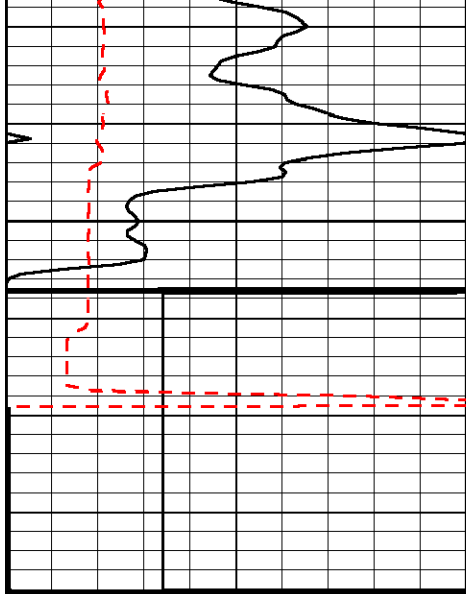












0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft)	40
150	Gamma Ray	300	5	0	Sonic Porosity	-10
6	dCAL (GAPI)	16		15000	LTEN (lb)	0

LSPD



**Computer Processed  
Interpretation**

**DIGITAL LOG (785) 625-3858**

15-101-22,309-00-00

API No.

**Company Flatirons Resources, LLC**

**Well SRC No. 42-22**

**Field Wildcat**

**County Lane State Kansas**

**Location NW, SE, NE  
1650' FNL & 990' FEL**

**Sec: 22 Twp: 16S Rge: 28W**

**Other Services  
DIL/CNL/CDL  
BHCS/MEL**

**Elevation**

**Permanent Datum Ground Level Elevation 2656  
Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum  
Drilling Measured From Kelly Bushing**

**K.B. 2663  
D.F. 2656  
G.L. 2656**

**Date Recorded 10/13/2011**

**Depth Logger 4583**

**Curve Definitions**

**SW Water Saturation**

**SXO Water Saturation In The Flushed Zone**

**VCL Volume Of Clay**

**PHIE Density - Neutron Crossplot Shale Corrected**

**BVV Bulk Volume Water**

**BVWSXO Bulk Volume Water In Flushed Zone**

**DCAL Caliper**

**SPC SP Corrected For Baseline**

**DGA Apparent Grain Density**

**Payflag If: PHIE > 2 %, VCL < 40 %, SPC > -10 , SW < 50 % & DCAL < 11**

**Recorded By D. Martin**

**C. Desaire**

**Witnessed By Clayton Erickson**

**Analysis By T. Martin**

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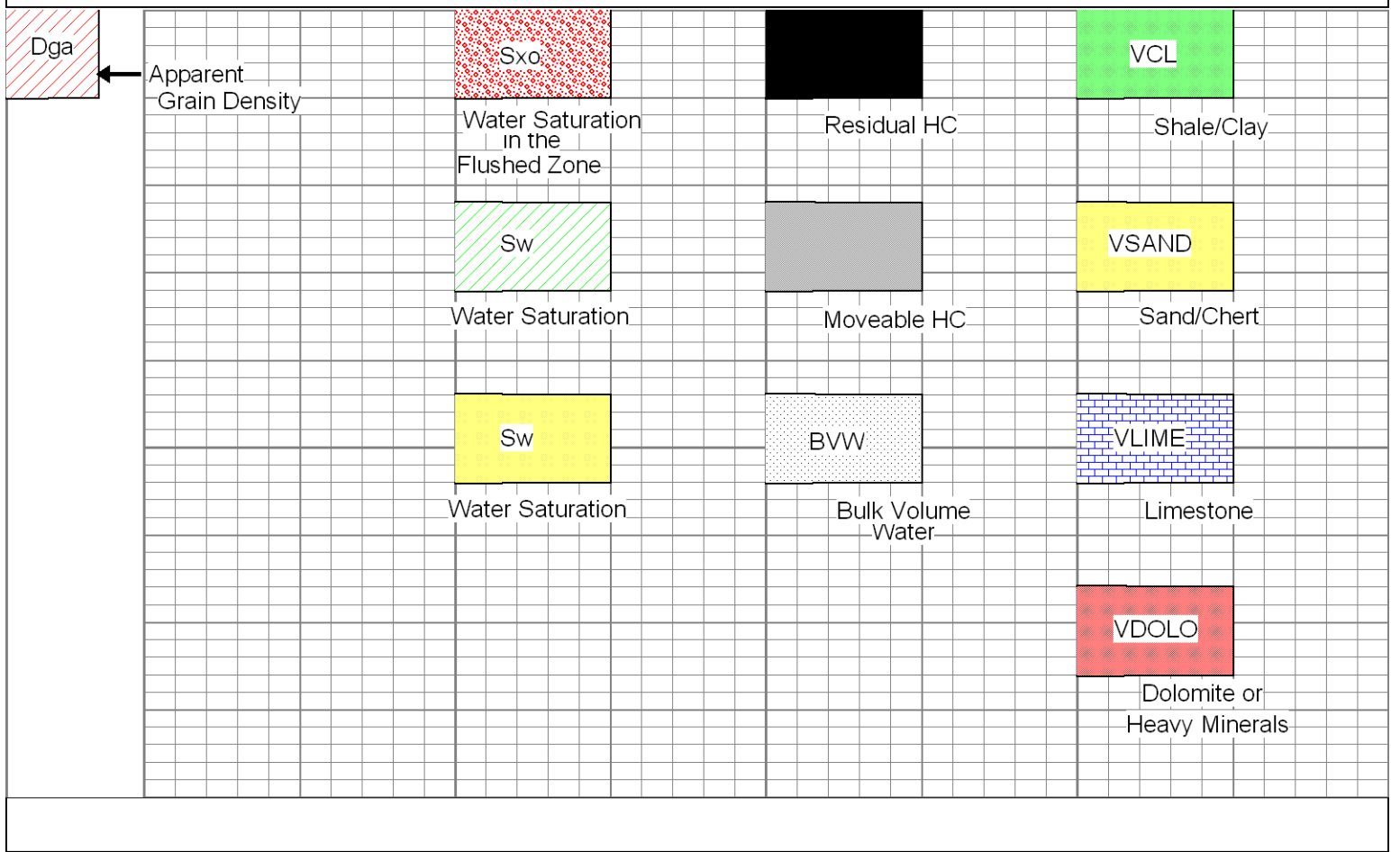
**Comments**

Thank you for using Log-Tech, Inc.  
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Shields, KS  
1 1/2 W, 1 N Into

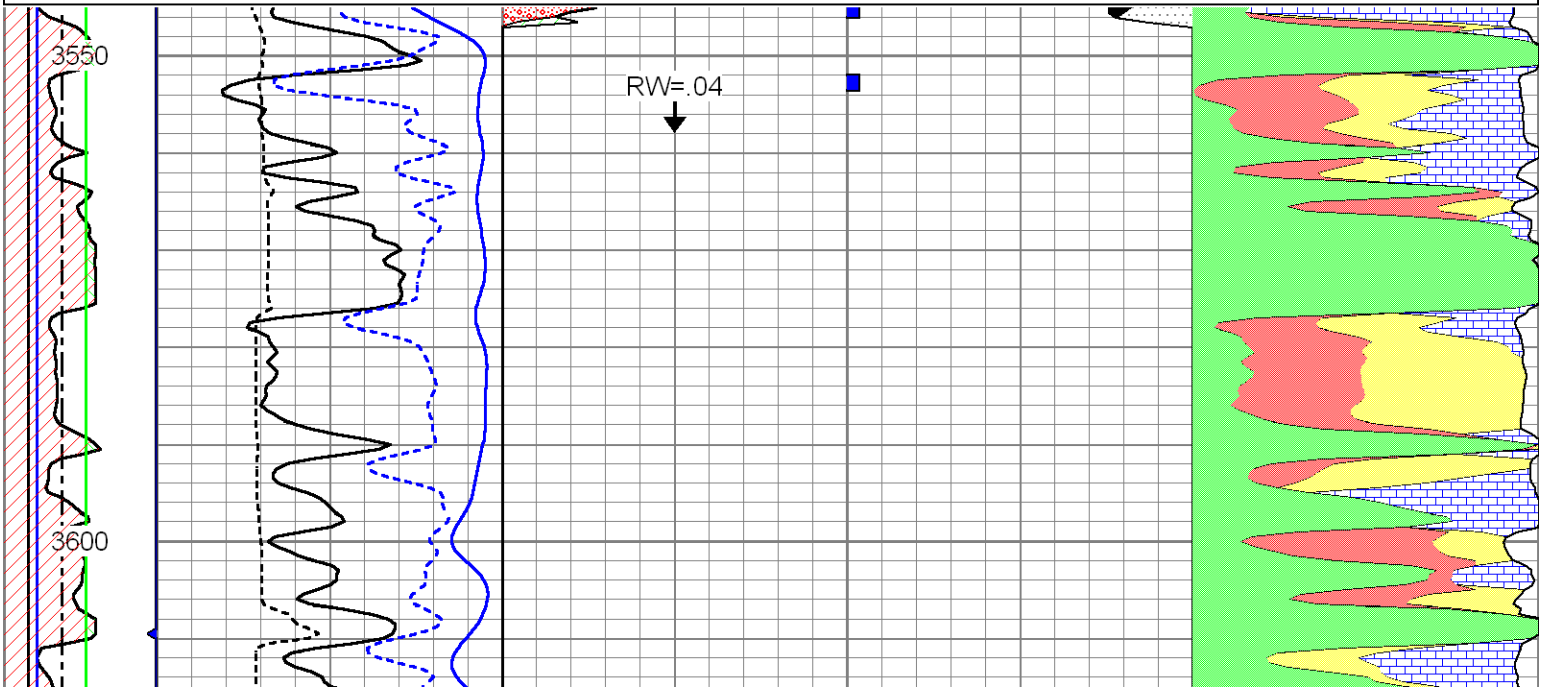
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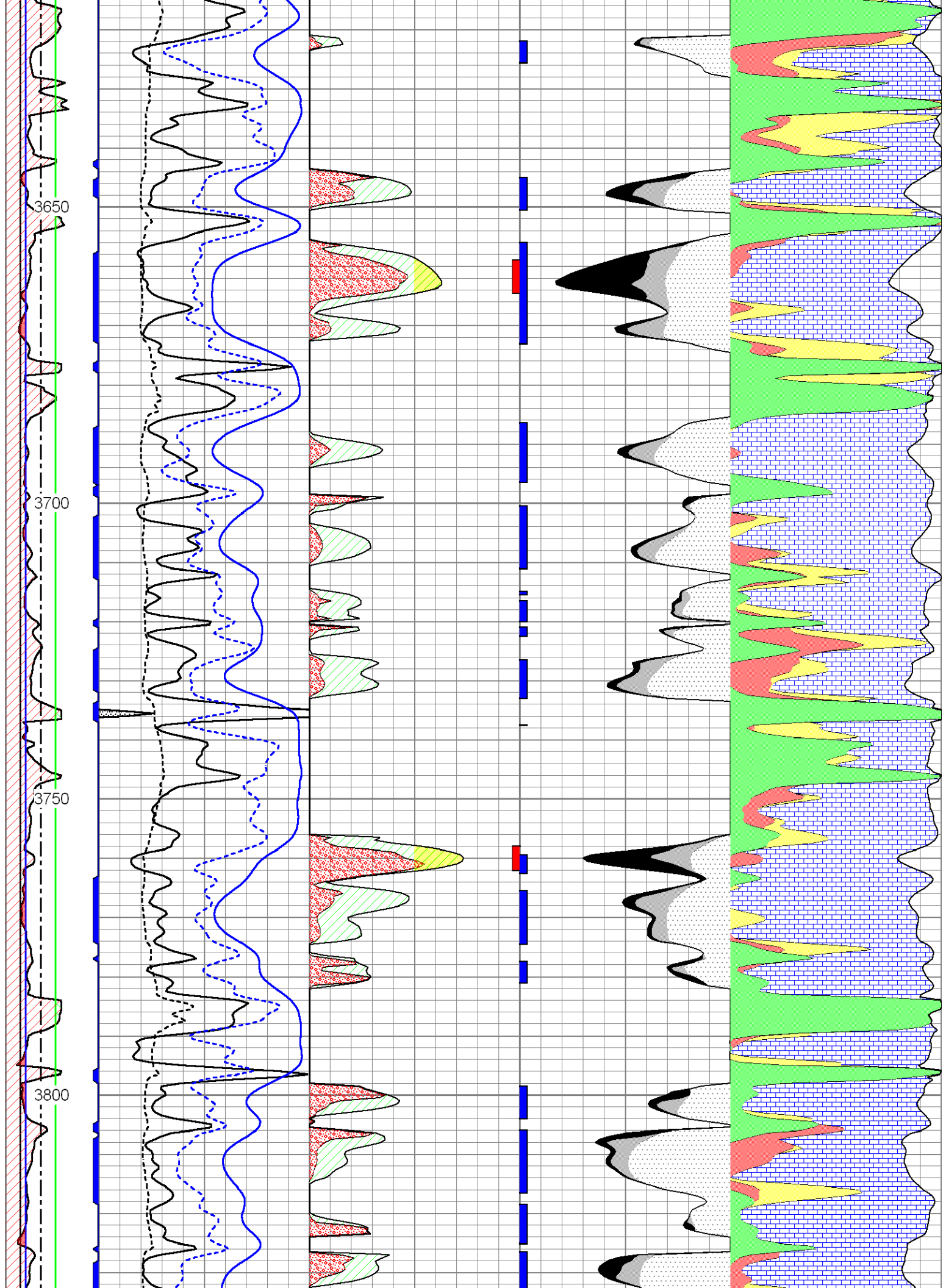


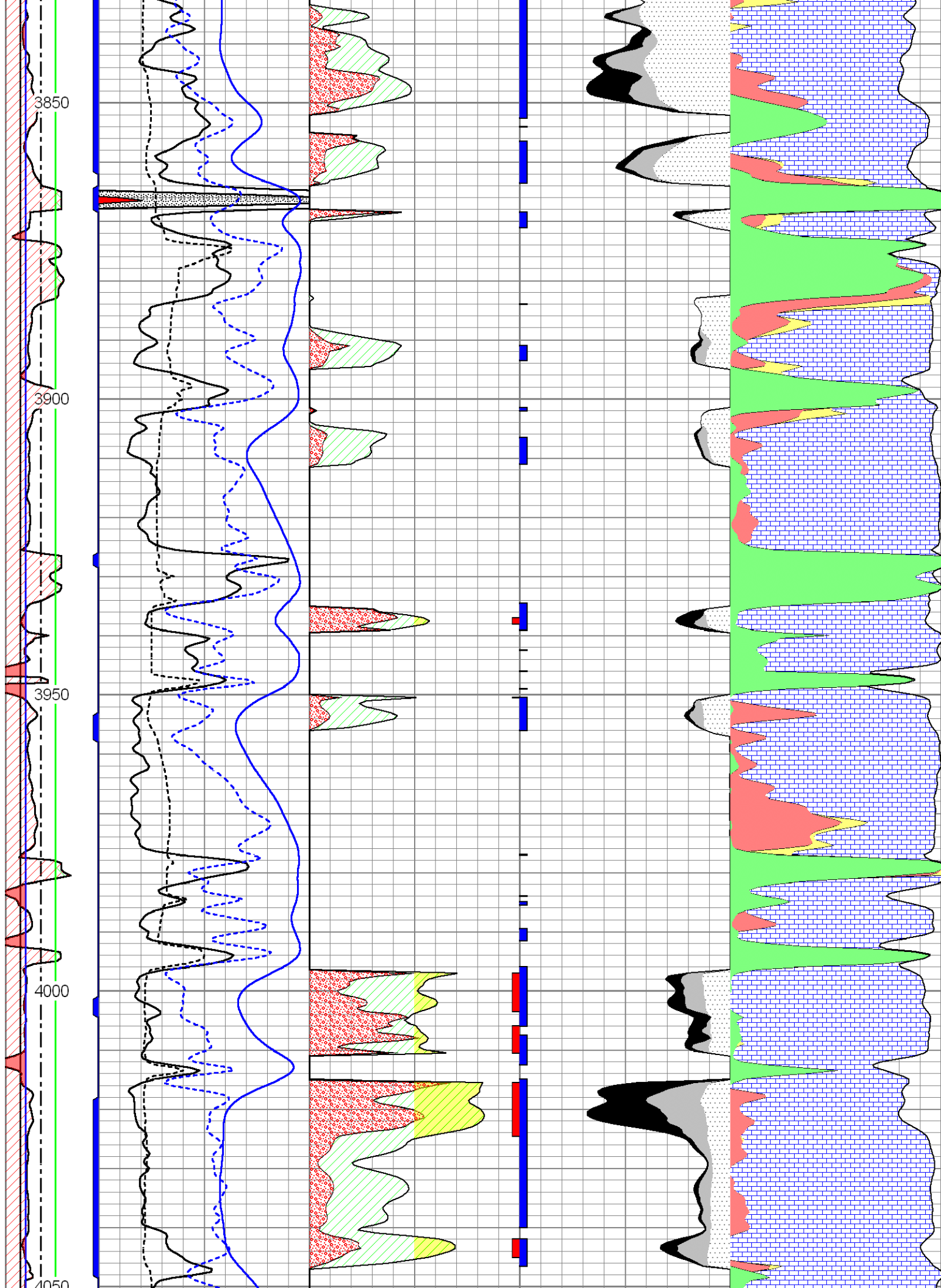


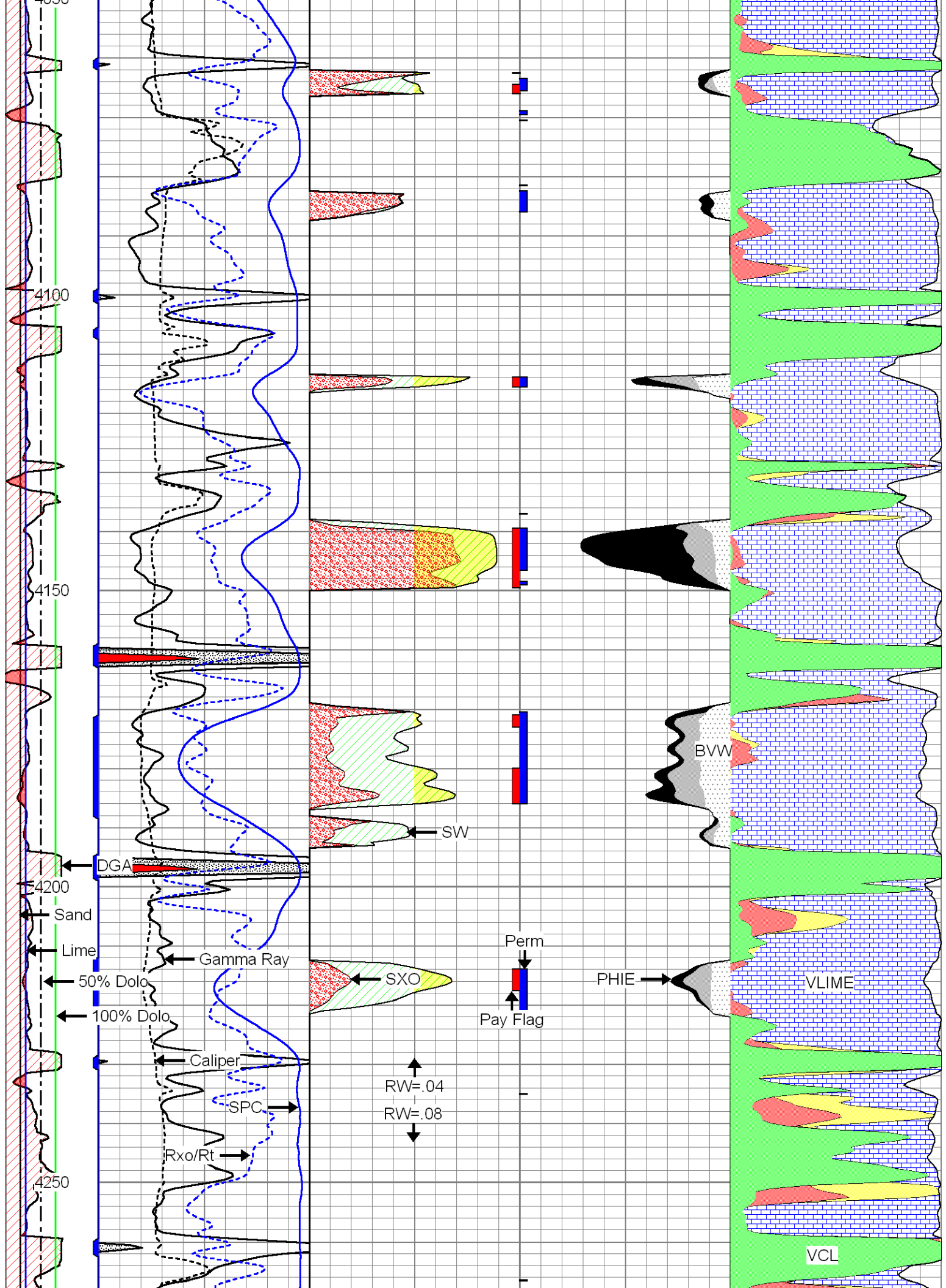
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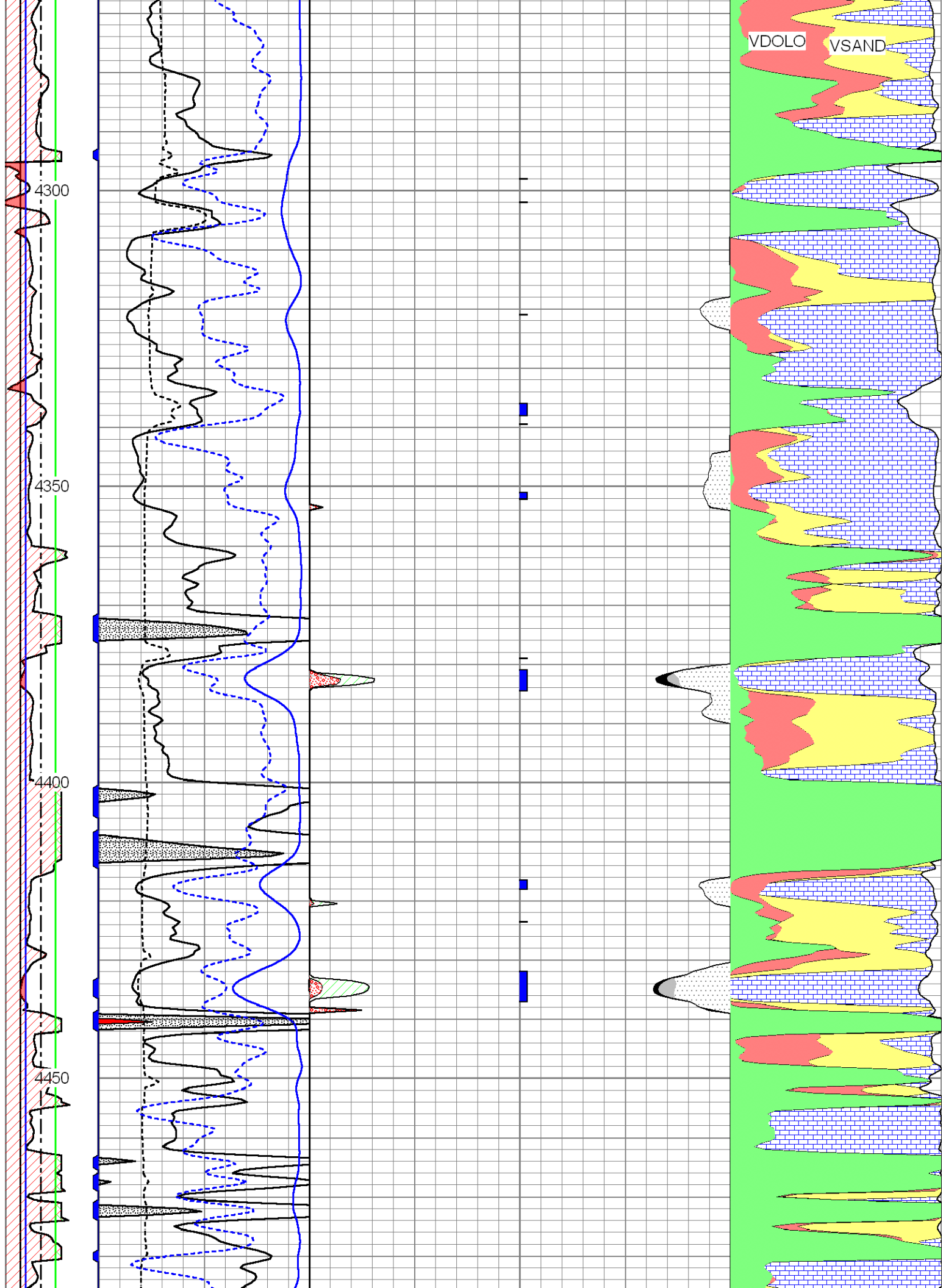
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2.6	3.1	-150		SPC	0	1	SXO	0	0	PERM	30	0	VLIME	1
								0.3		BVWSXO	0	0	VDOLO	1

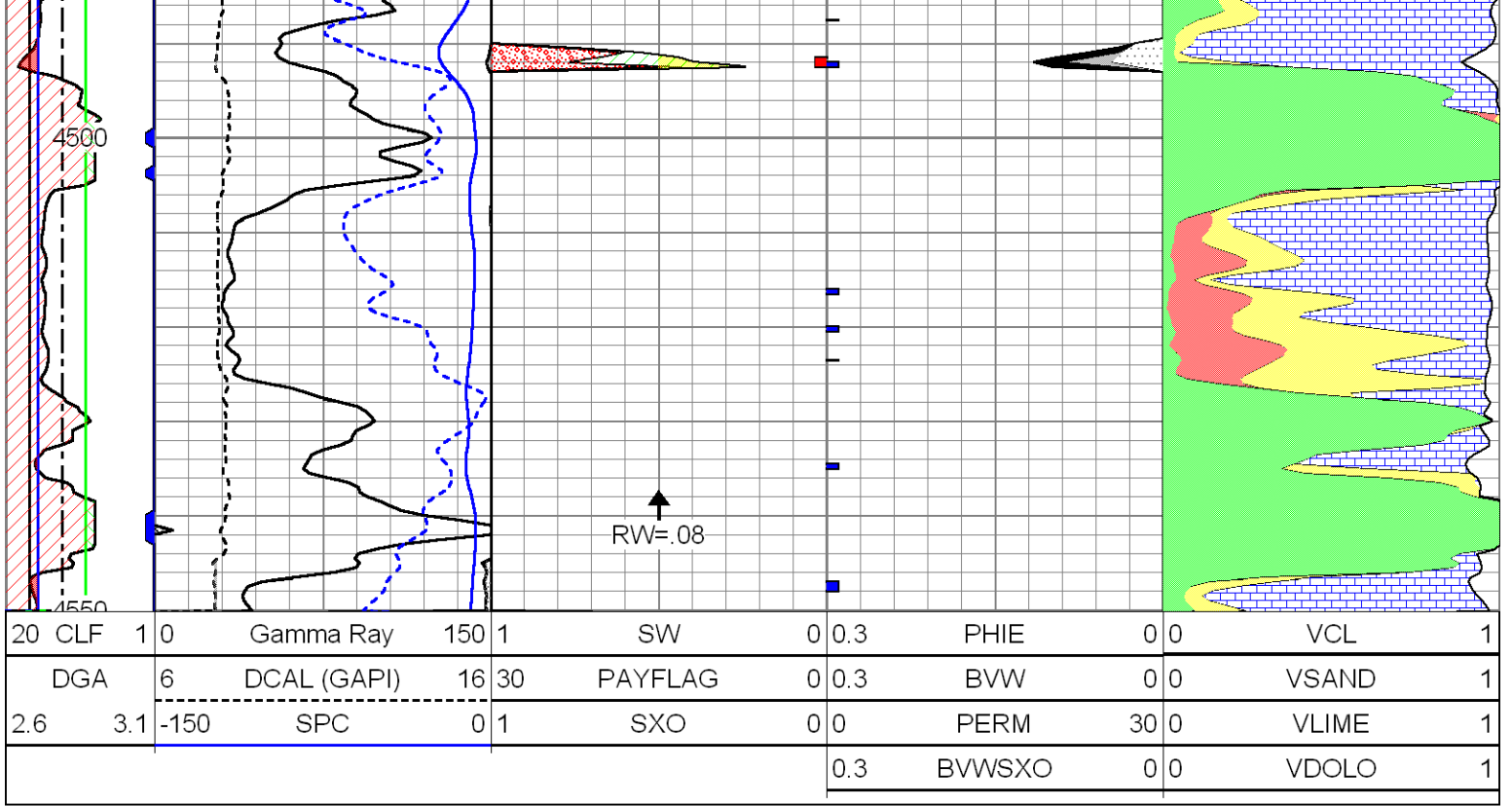












20	CLF	1	0	Gamma Ray	150	1	SW	0	0.3	PHIE	0	0	VCL	1
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2.6	3.1	-150		SPC	0	1	SXO	0	0	PERM	30	0	VLIME	1
									0.3	BVWSXO	0	0	VDOLO	1



# Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-101-22,309-00-00

Company **Flatirons Resources, LLC**

Well **SRC No. 42-22**

Field **Wildcat**

County **Lane** State **Kansas**

Location **NW, SE, NE  
1650' FNL & 990' FEL**

Sec: **22** Twp: **16S** Rge: **28W**

Permanent Datum **Ground Level** Elevation **2656**

Log Measured From **Kelly Bushing** 7 Ft. Above Perm. Datum

Drilling Measured From **Kelly Bushing**

Other Services  
CNL/CDL  
MEL/BHCS

Elevation  
K.B. 2663  
D.F. 2656  
G.L. 2656

Date **10/13/2011**

Run Number **One**

Depth Driller **4580**

Depth Logger **4583**

Bottom Logged Interval **4582**

Top Log Interval **200**

Casing Driller **8.625 @ 220**

Casing Logger **220**

Bit Size **7.875**

Type Fluid in Hole **Chemical**

Salinity, ppm CL **2500**

Density / Viscosity **9.8 51**

pH / Fluid Loss **9.0 7.6**

Source of Sample **Flowline**

Rm @ Meas. Temp **.72 @ 76**

Rmf @ Meas. Temp **.54 @ 76**

Rmc @ Meas. Temp **.97 @ 76**

Source of Rmf / Rmc **Charts**

Rm @ BHT **.45 @ 122**

Operating Rig Time **4 1/2 Hours**

Max Rec. Temp. F **122**

Equipment Number **17**

Location **Hays**

Recorded By **D. Martin**

Witnessed By **Clayton Erickson**

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Comments

Thank you for using Log-Tech, Inc.  
(785) 625-3858  
  
Shields, KS  
1 1/2 W, 1 N Into

Database File: flatironshd.db  
Dataset Pathname: DIL/flatstk  
Presentation Format: dil2in  
Dataset Creation: Thu Oct 13 16:35:14 2011  
Charted by: Depth in Feet scaled 1:600

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-200 SP 0

0 Shallow Resistivity 50  
0 Deep Resistivity 50

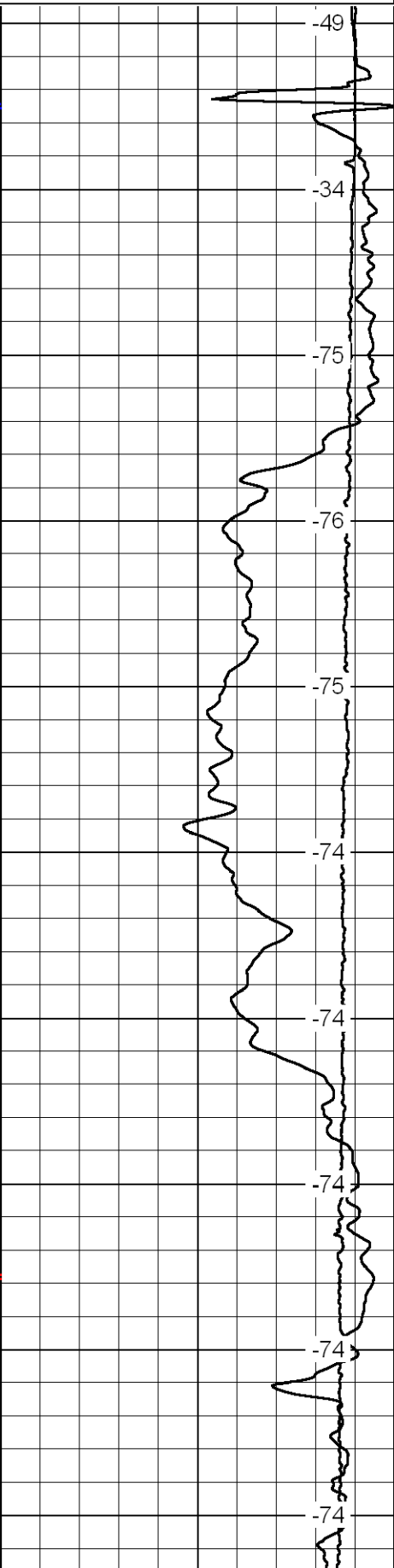
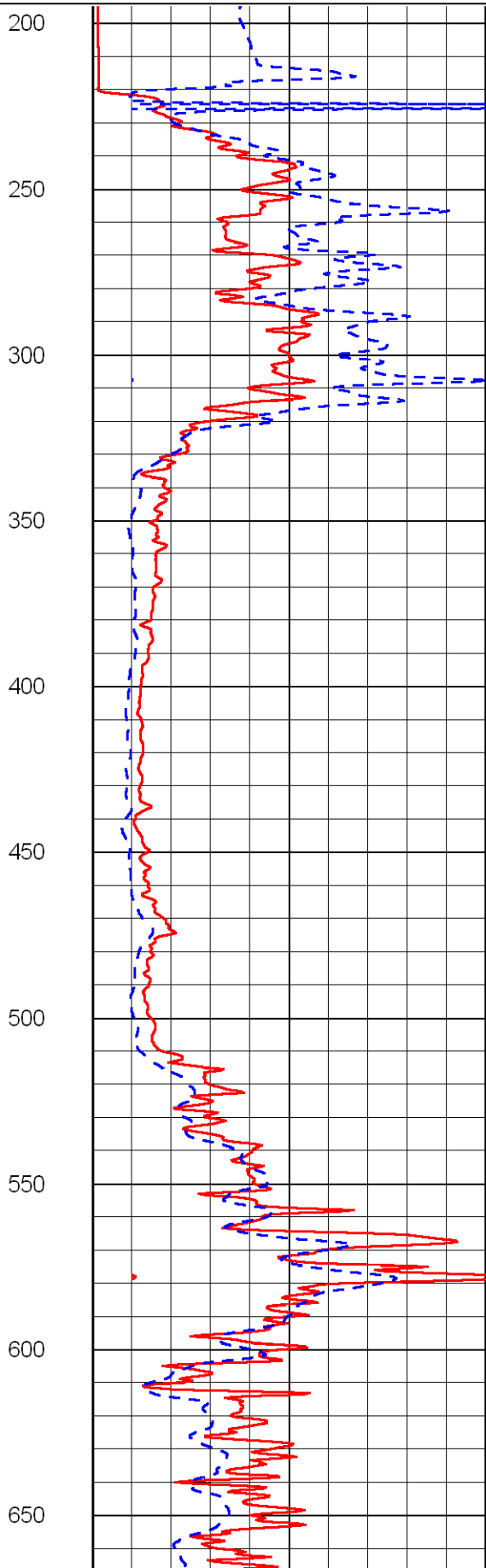
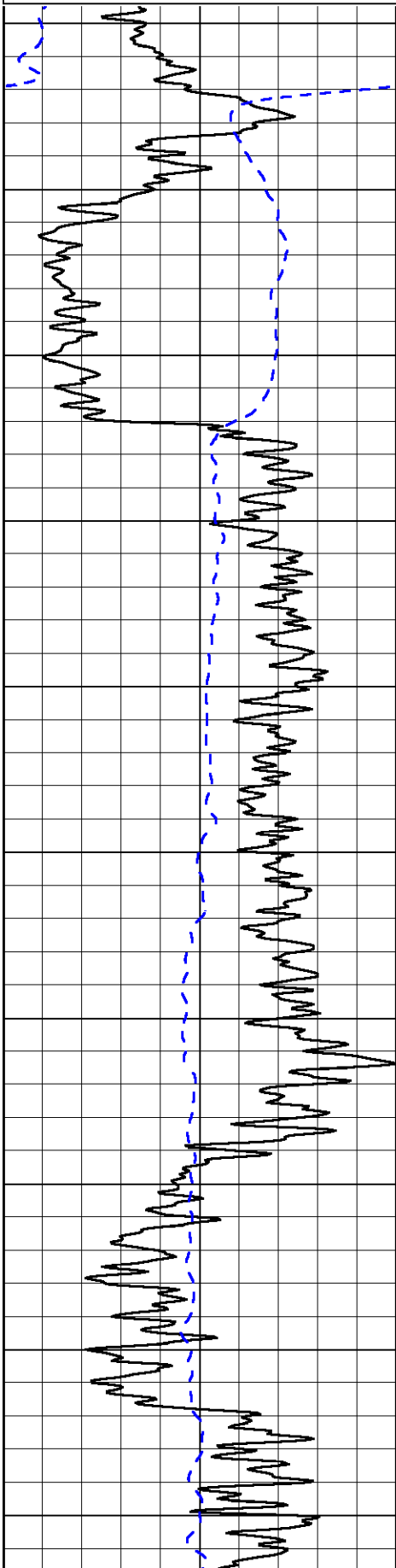
LSPD

1000 Conductivity 0

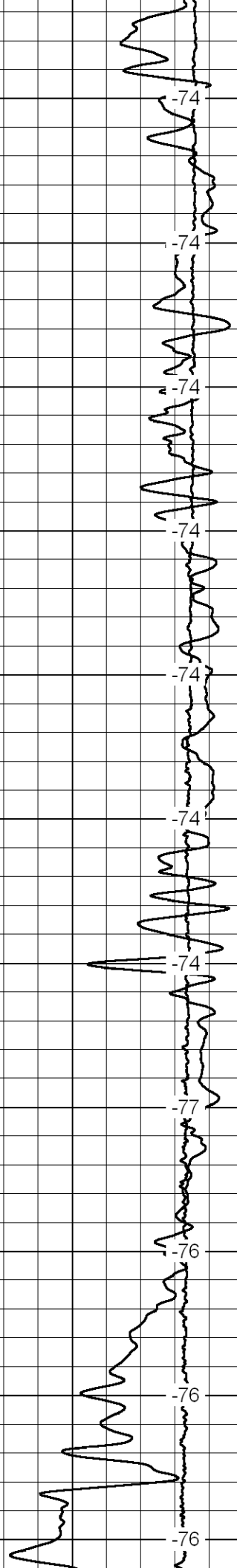
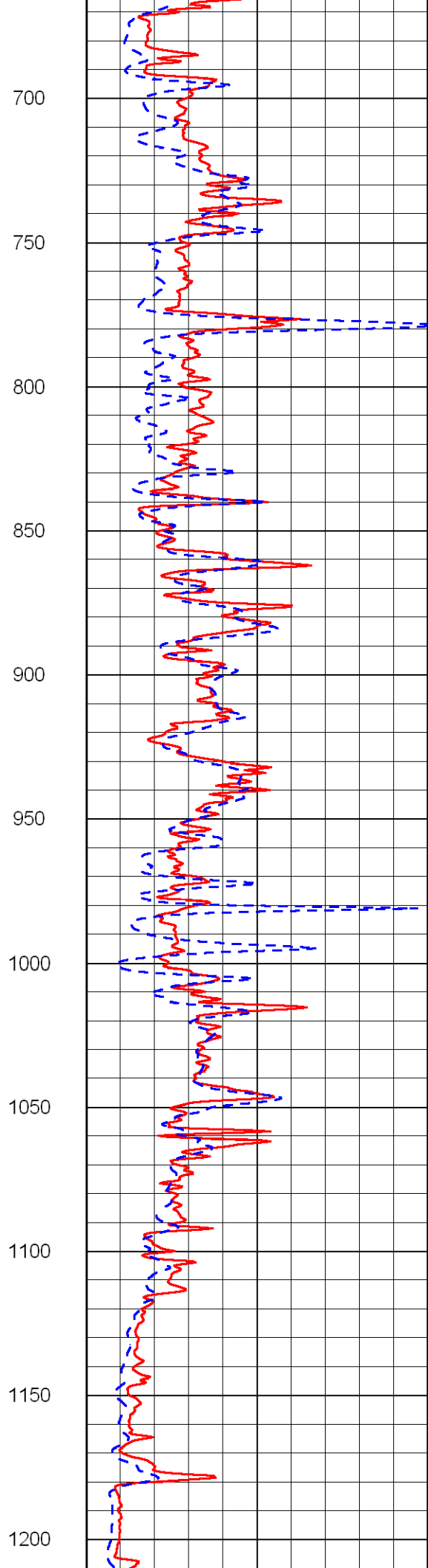
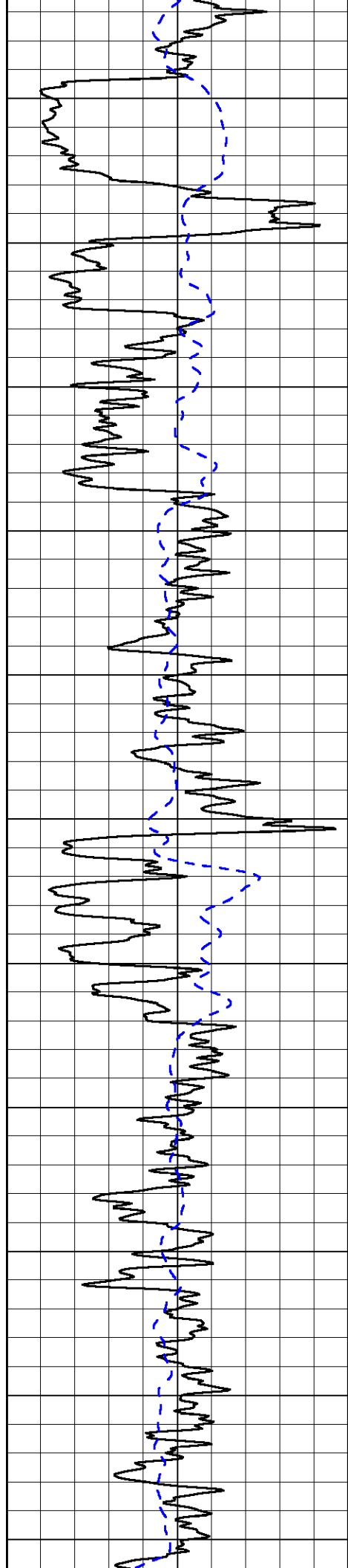
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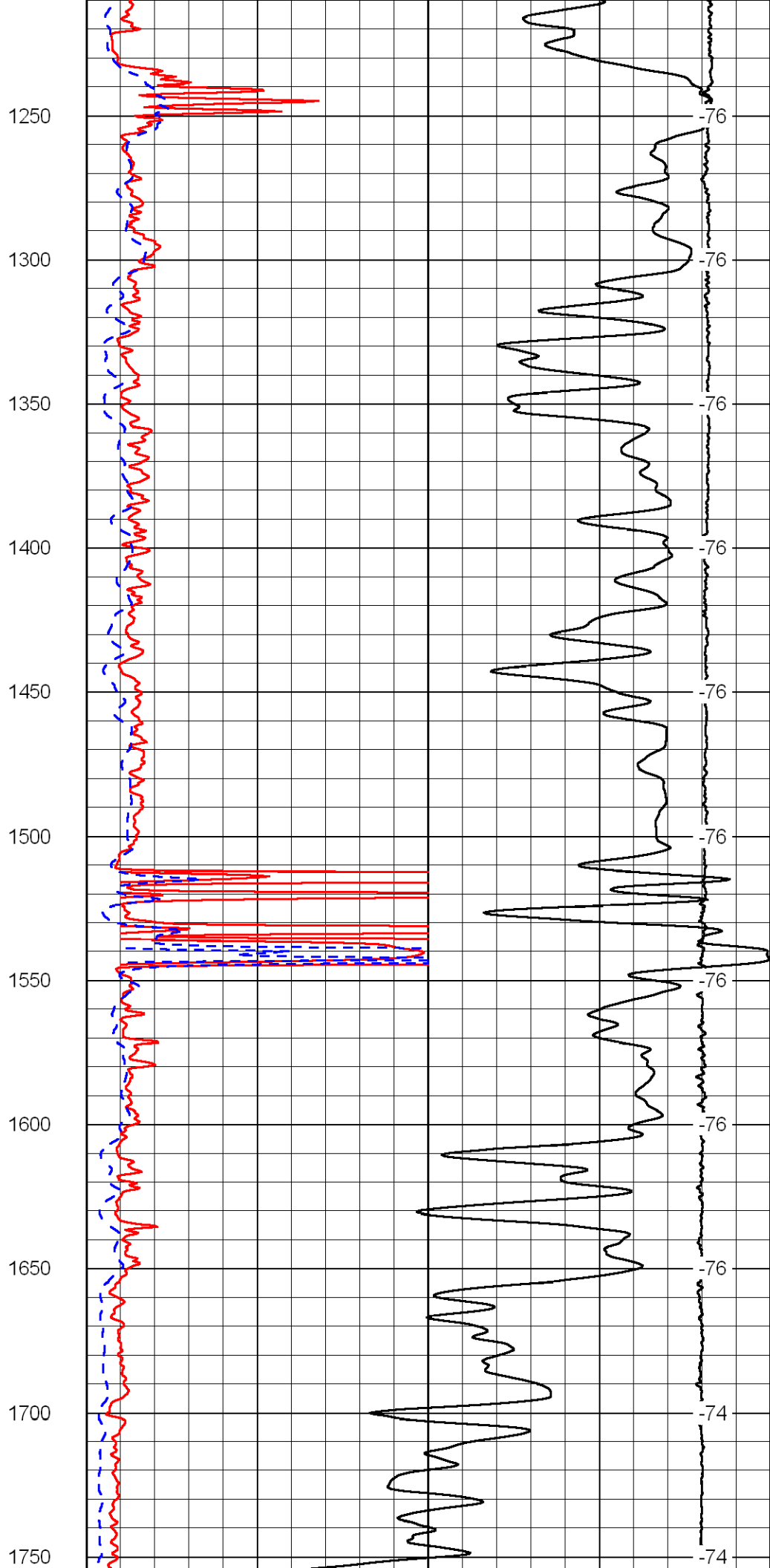
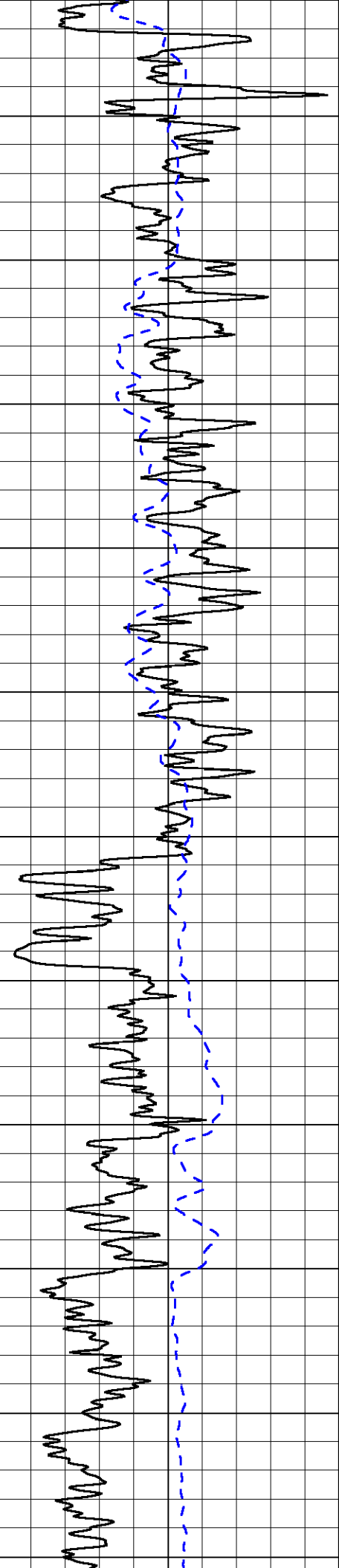
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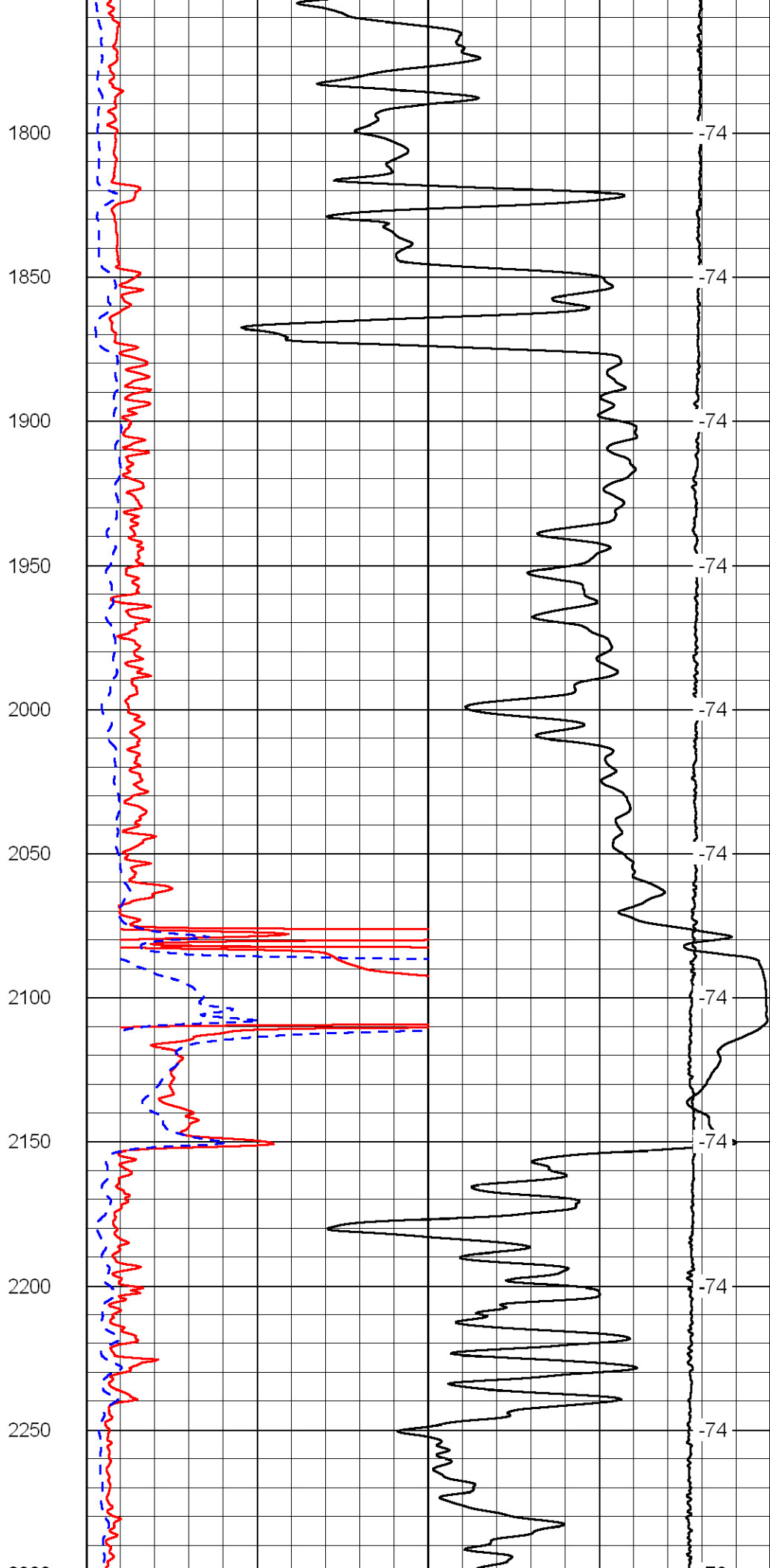
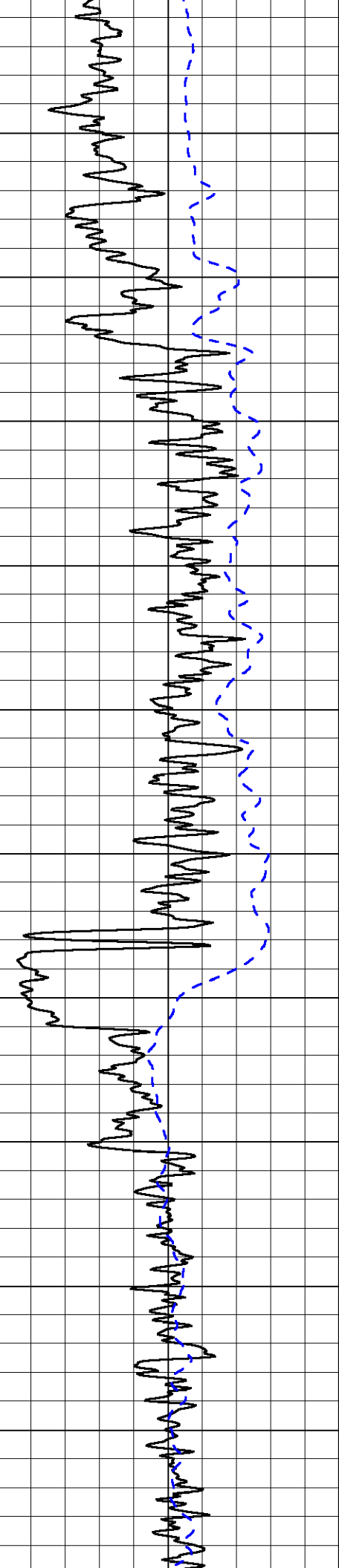
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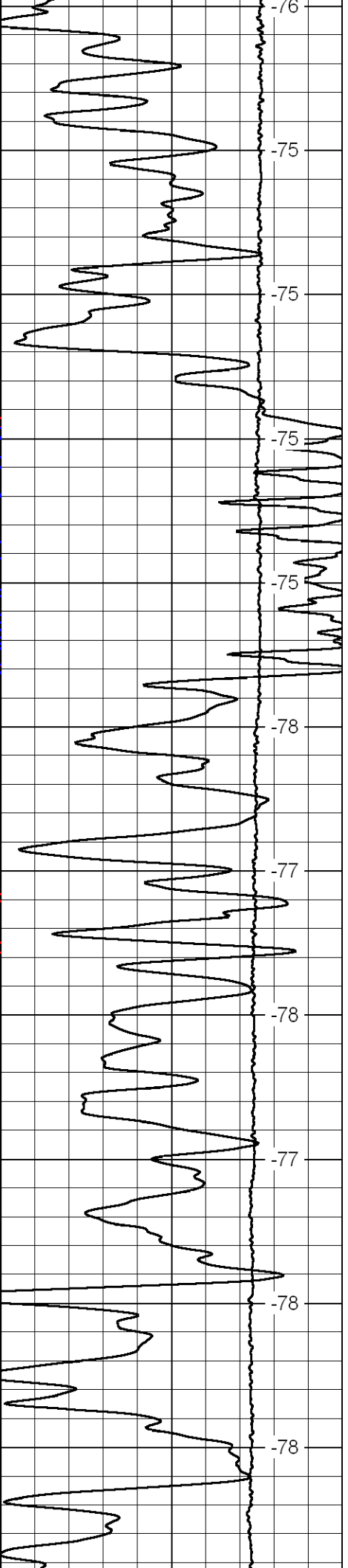
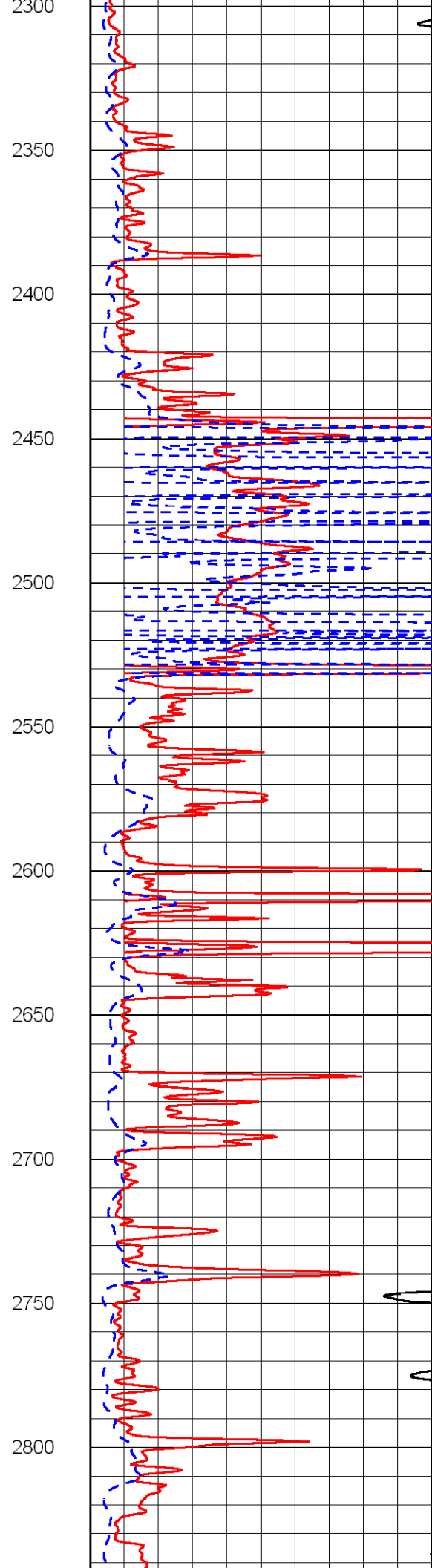
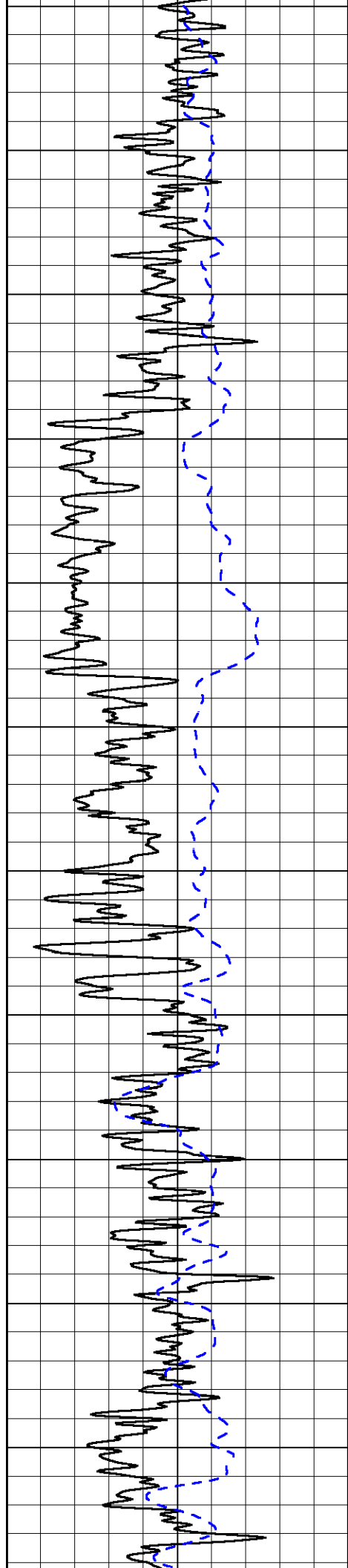


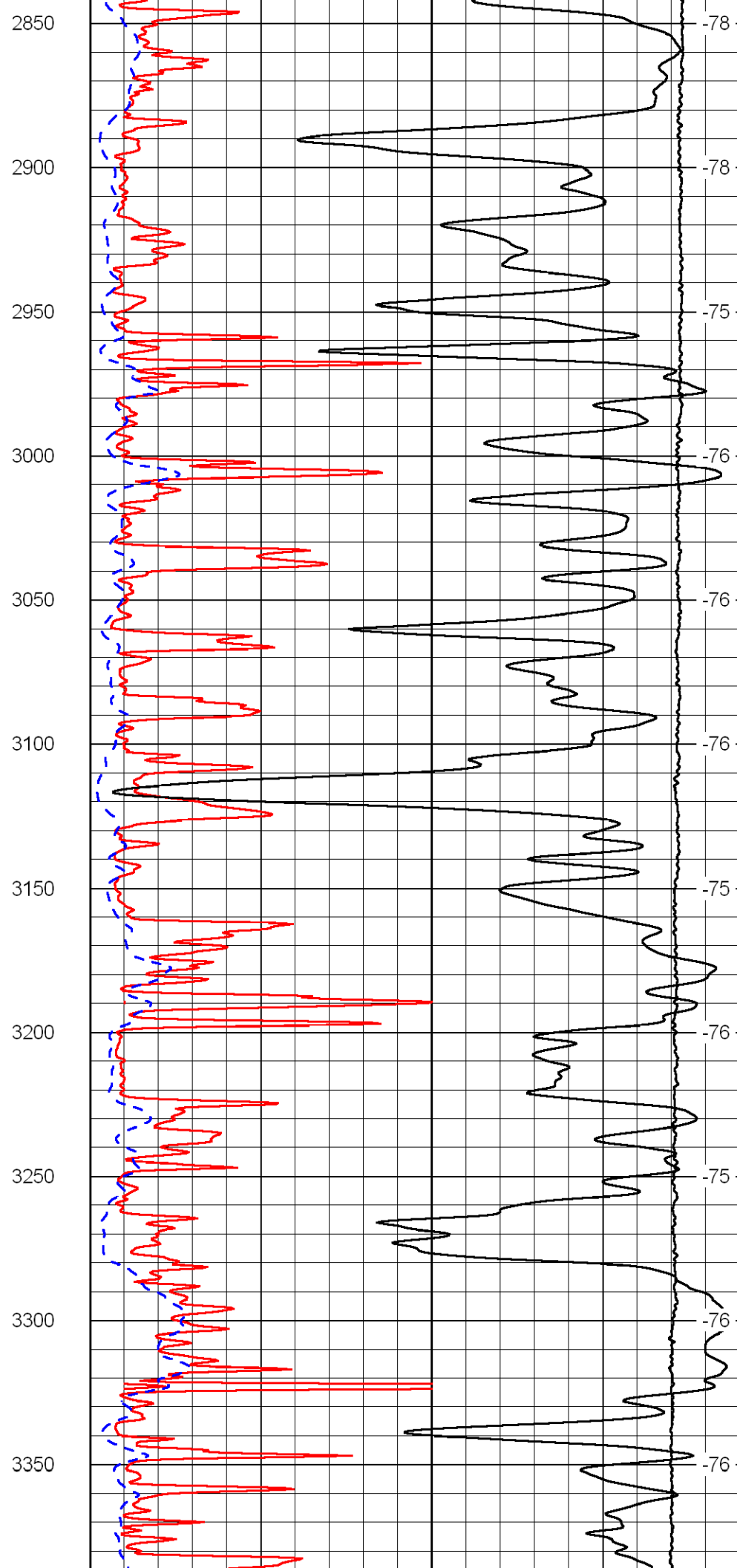
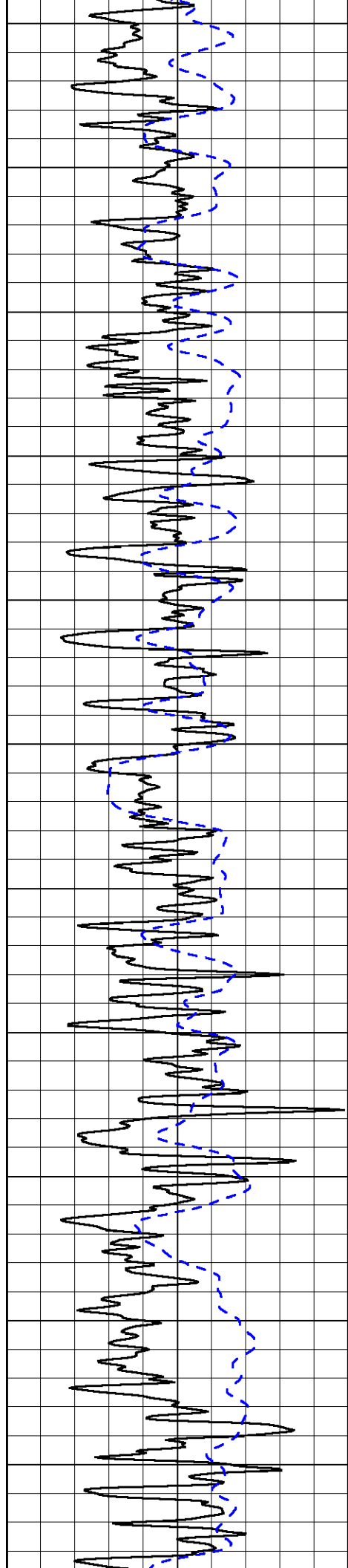


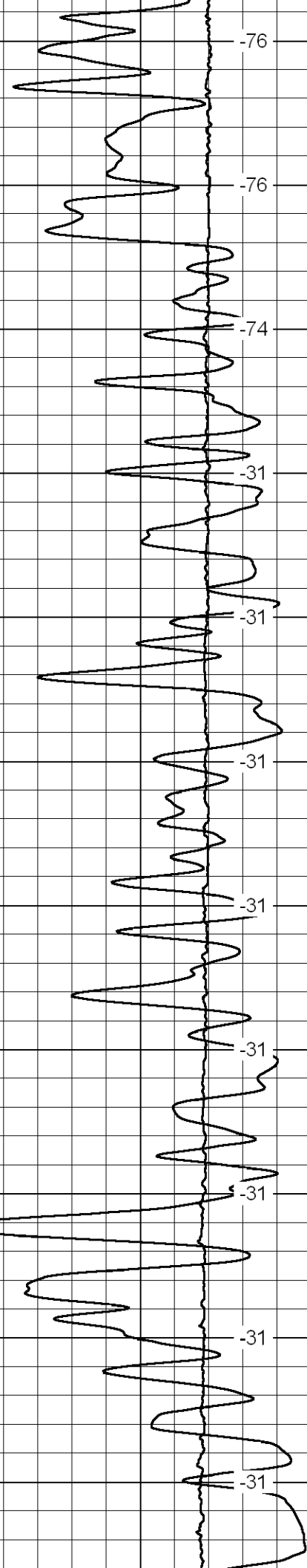
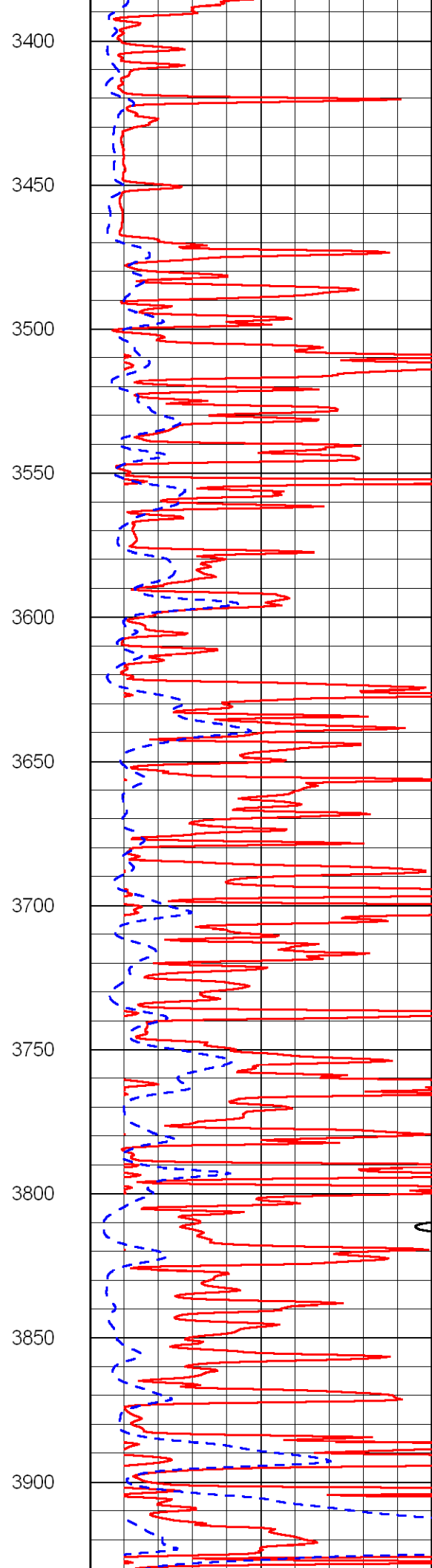
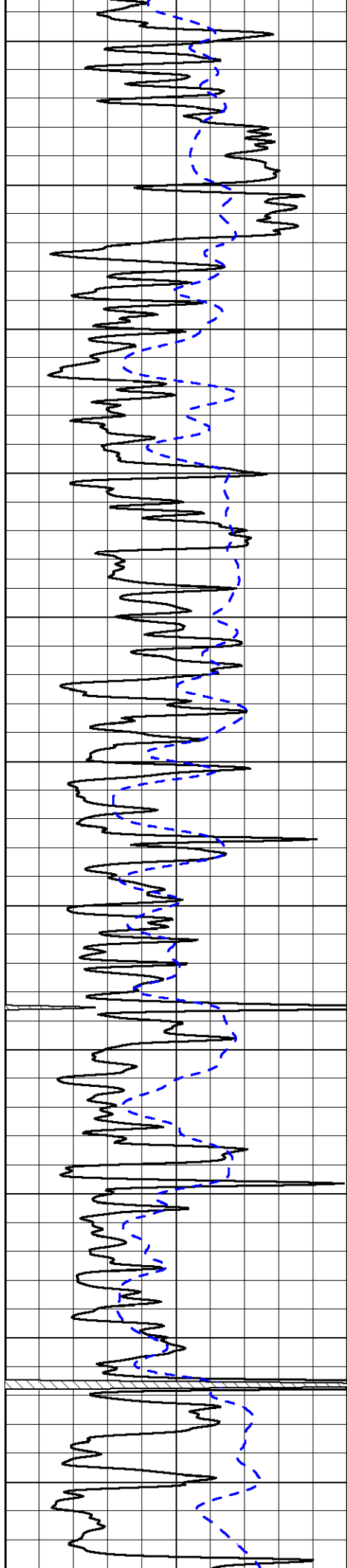












3400

3450

3500

3550

3600

3650

3700

3750

3800

3850

3900

-76

-76

-74

-31

-31

-31

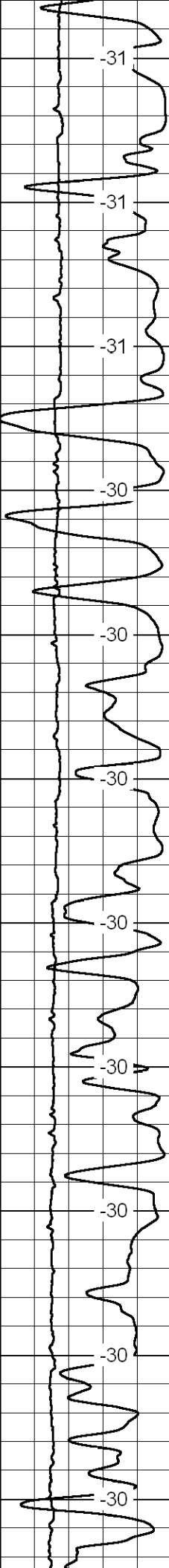
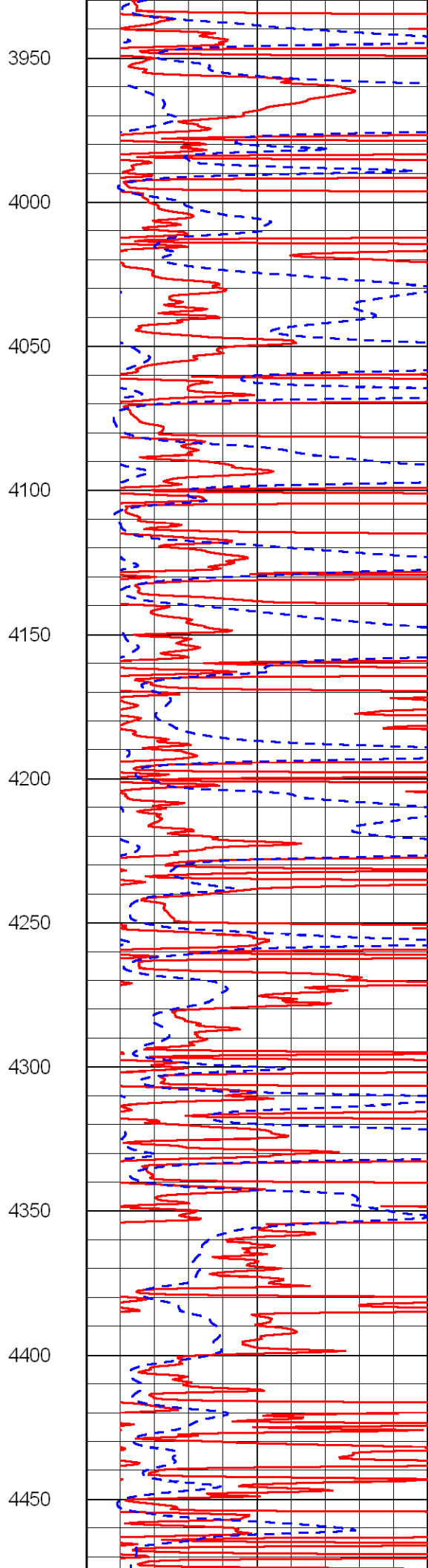
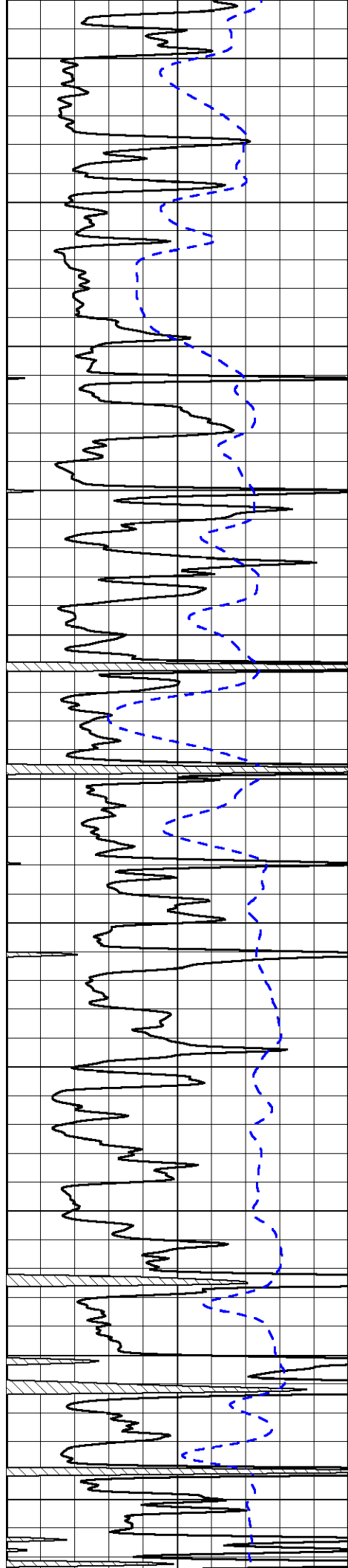
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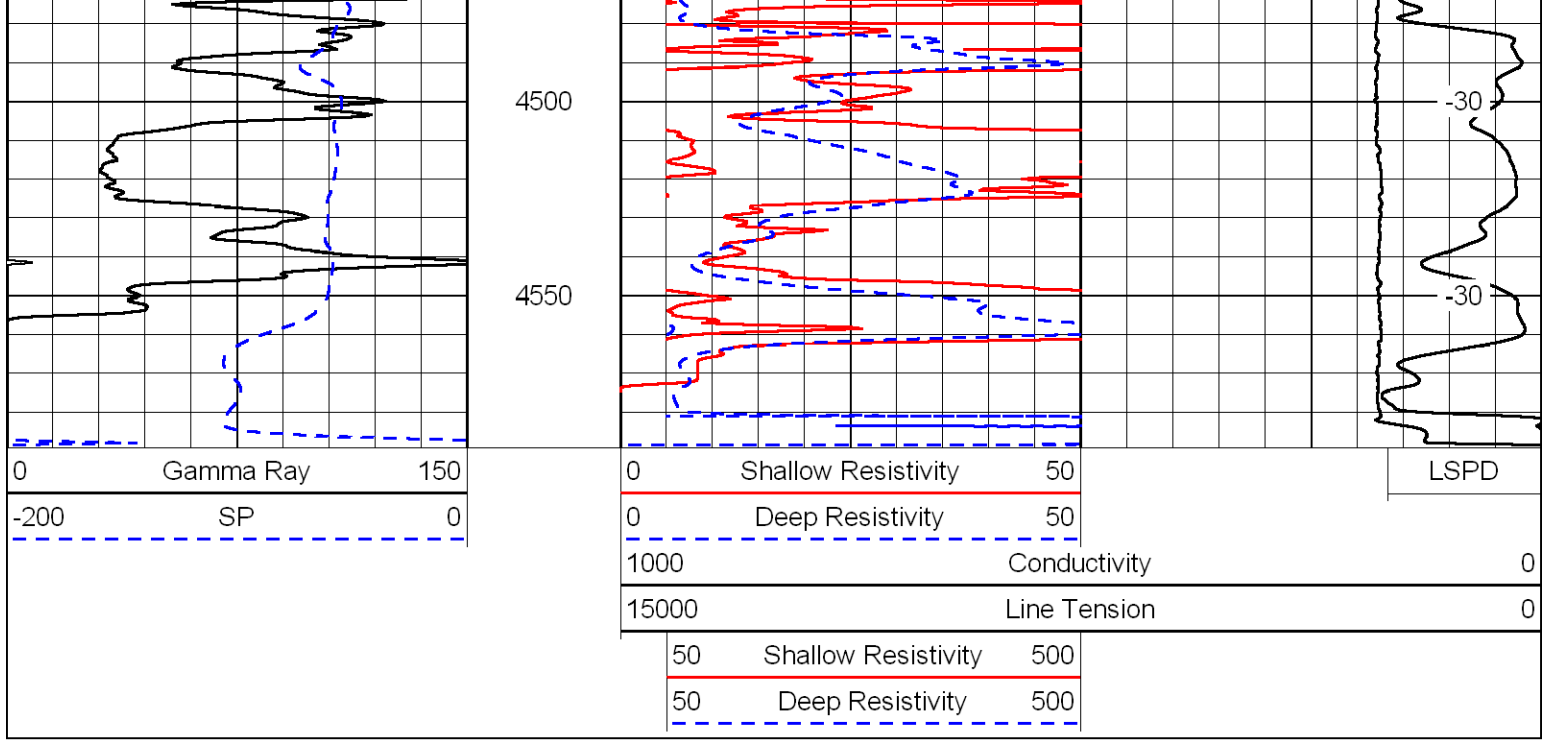
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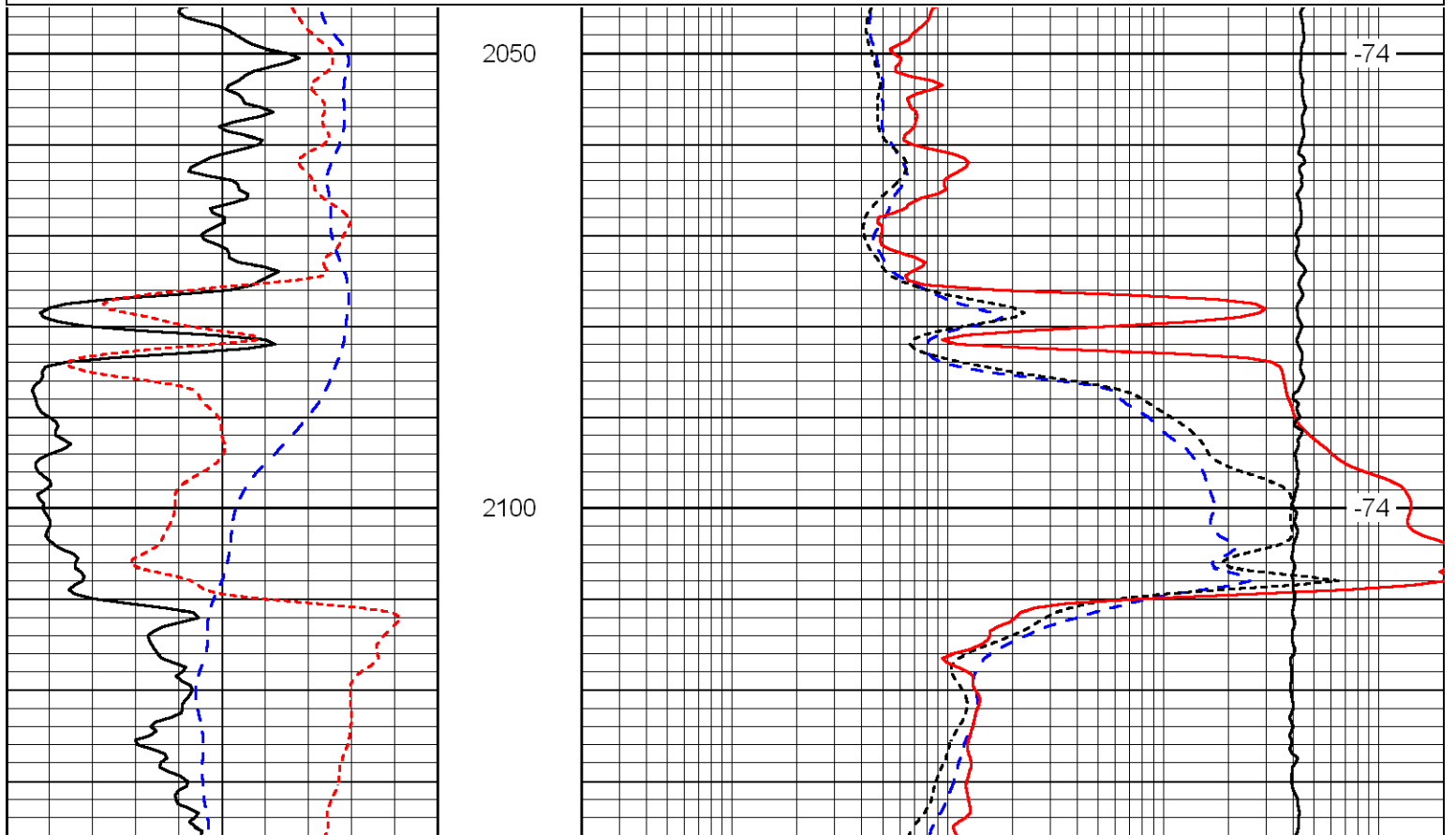
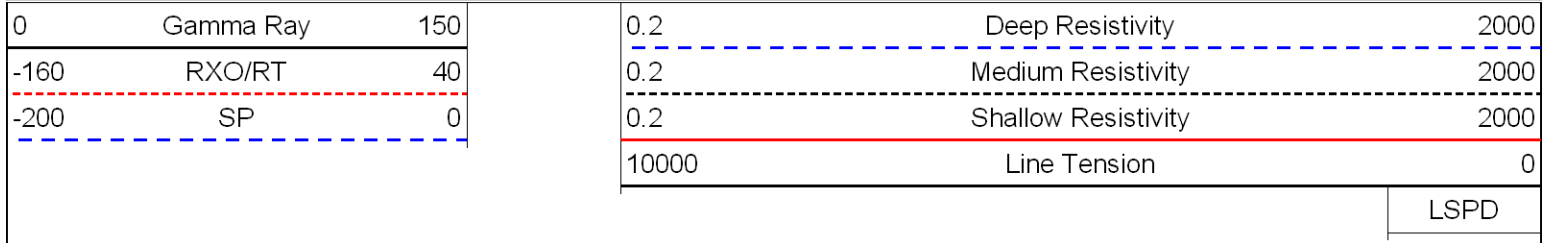
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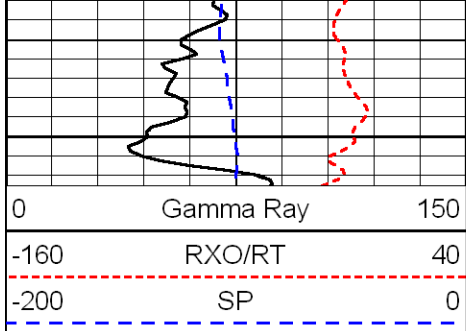




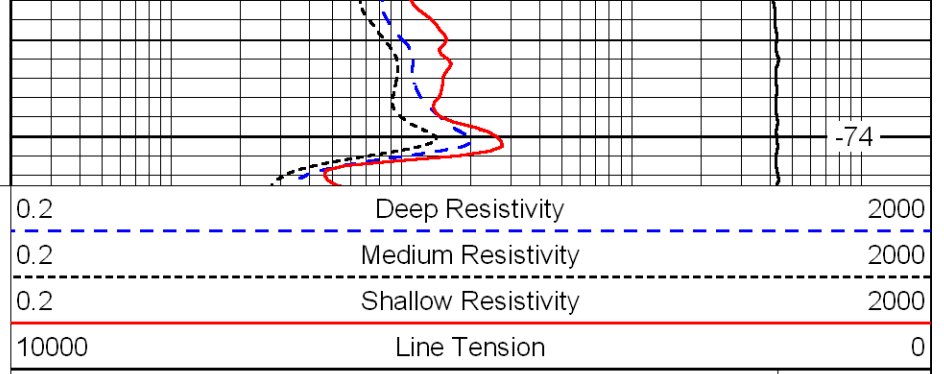
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 Charted by: Depth in Feet scaled 1:240







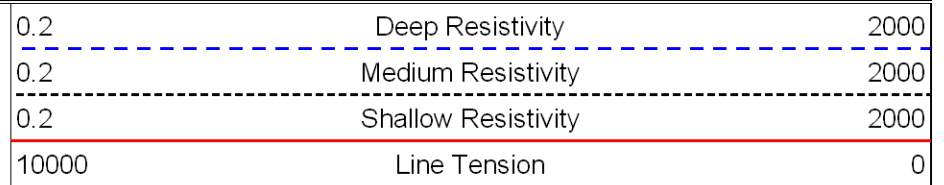
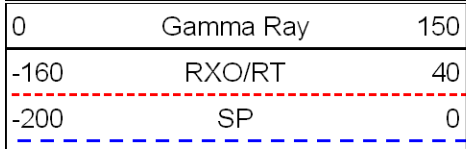
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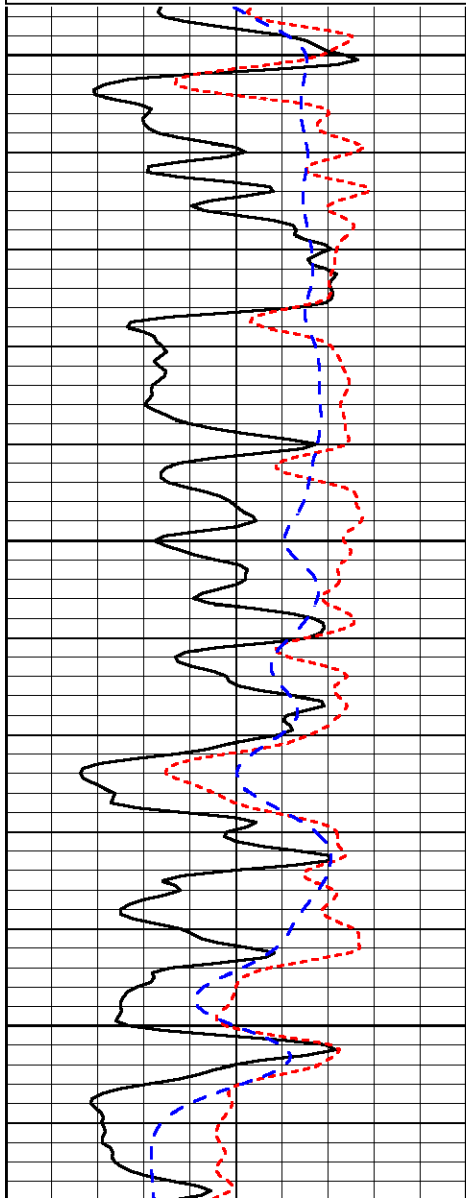
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LSPD

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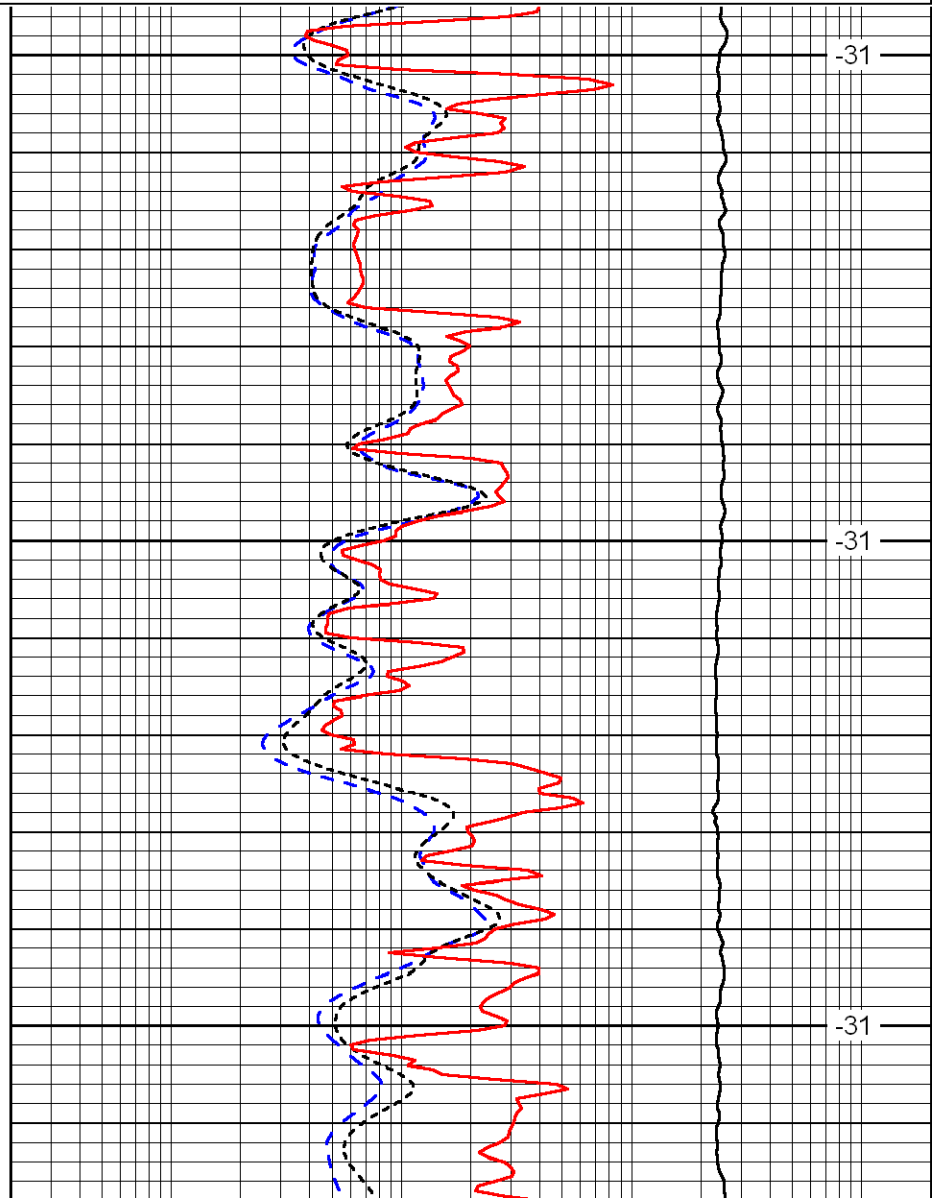
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3550

3600

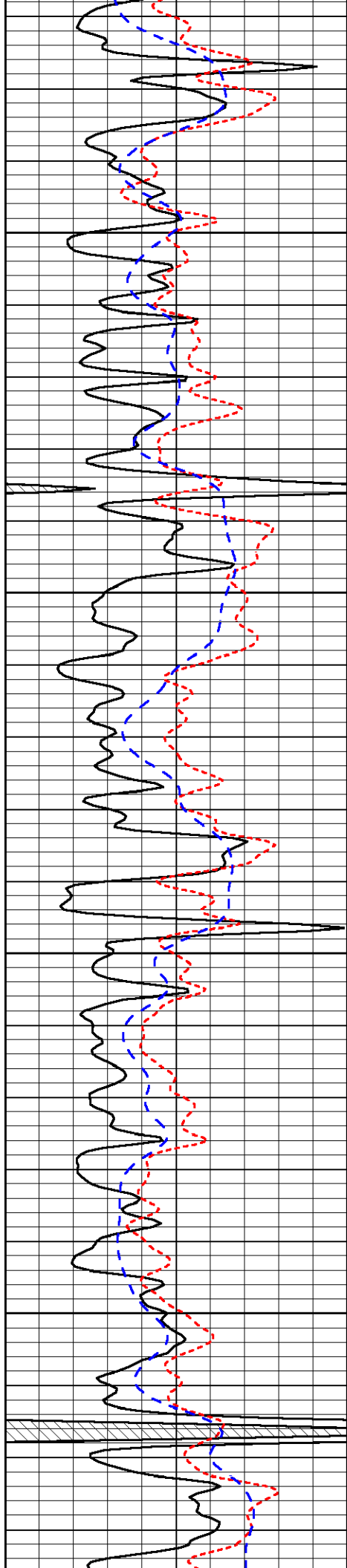
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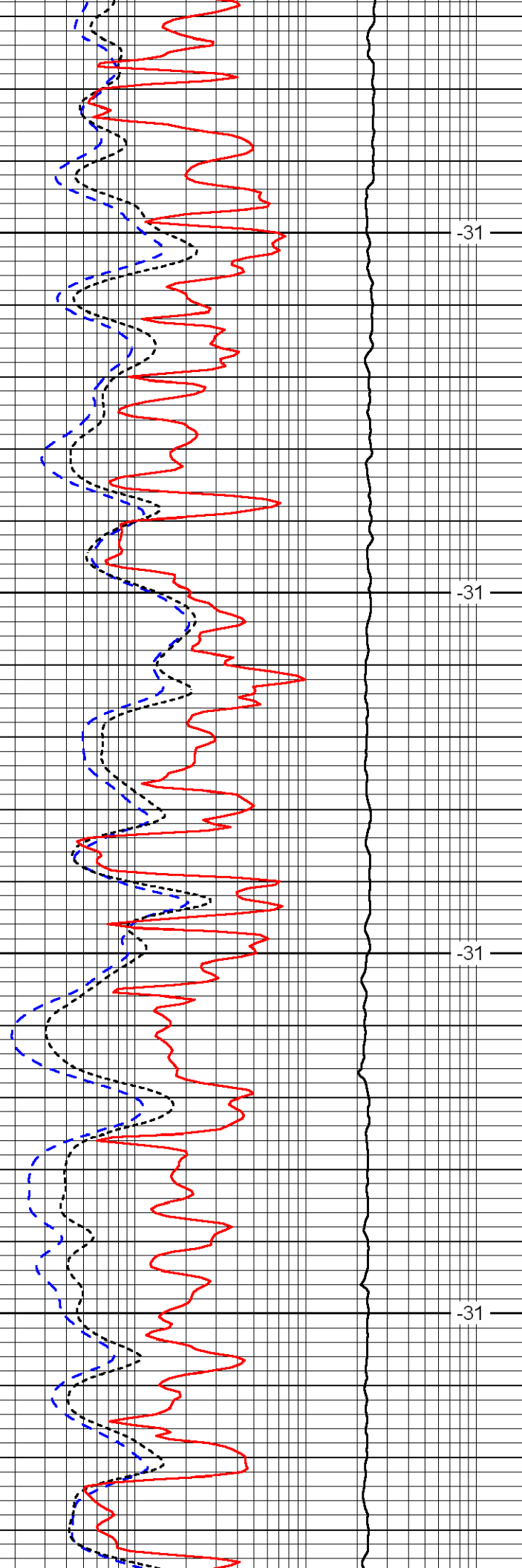


3700

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3800

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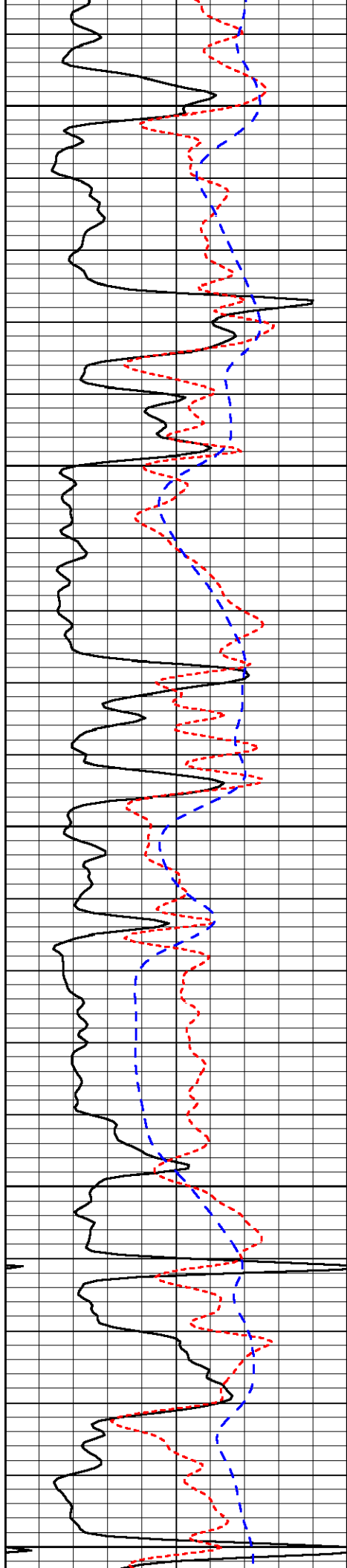


-31

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-31



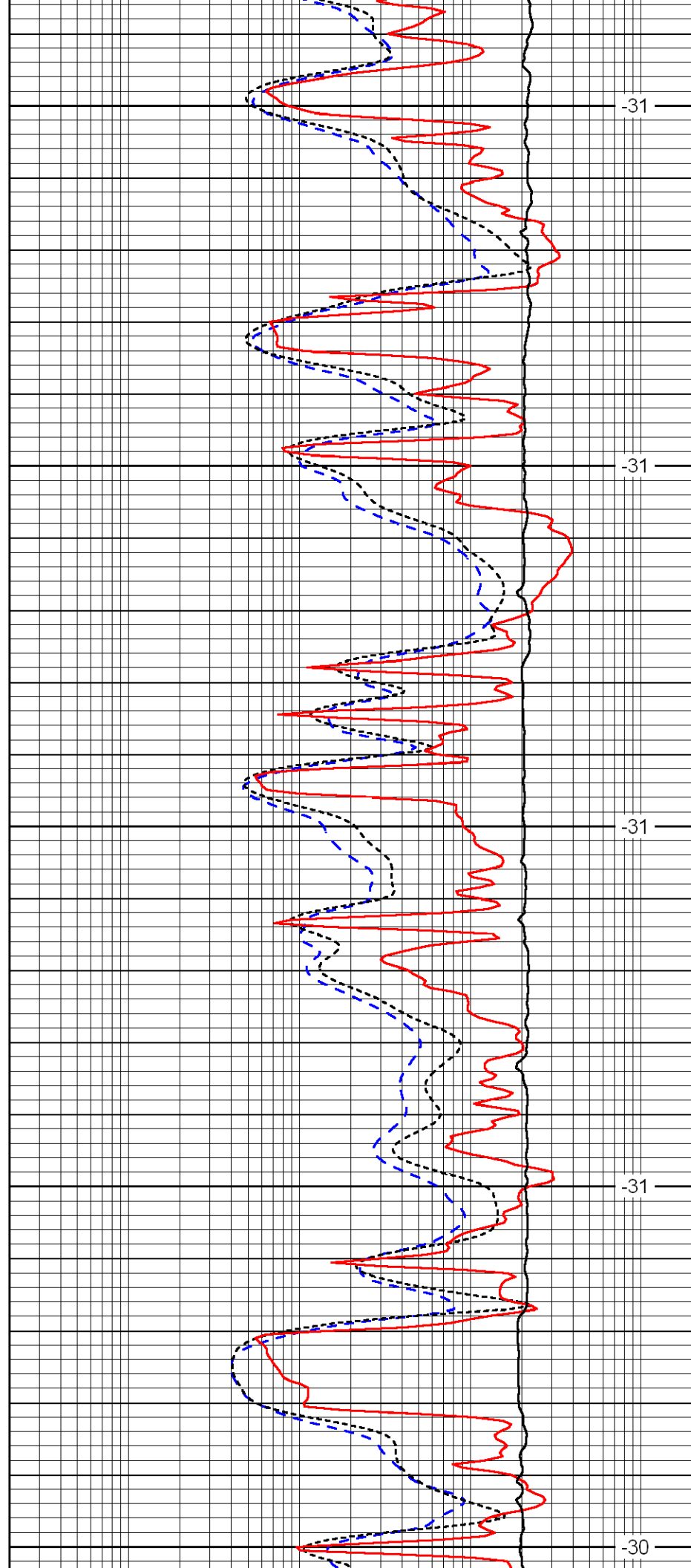
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3950

4000

4050

4100



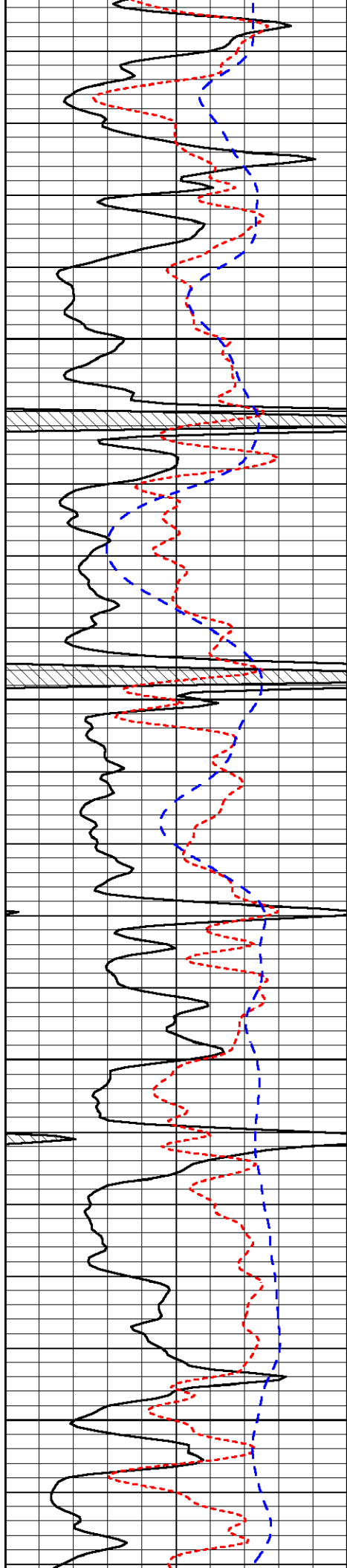
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-30

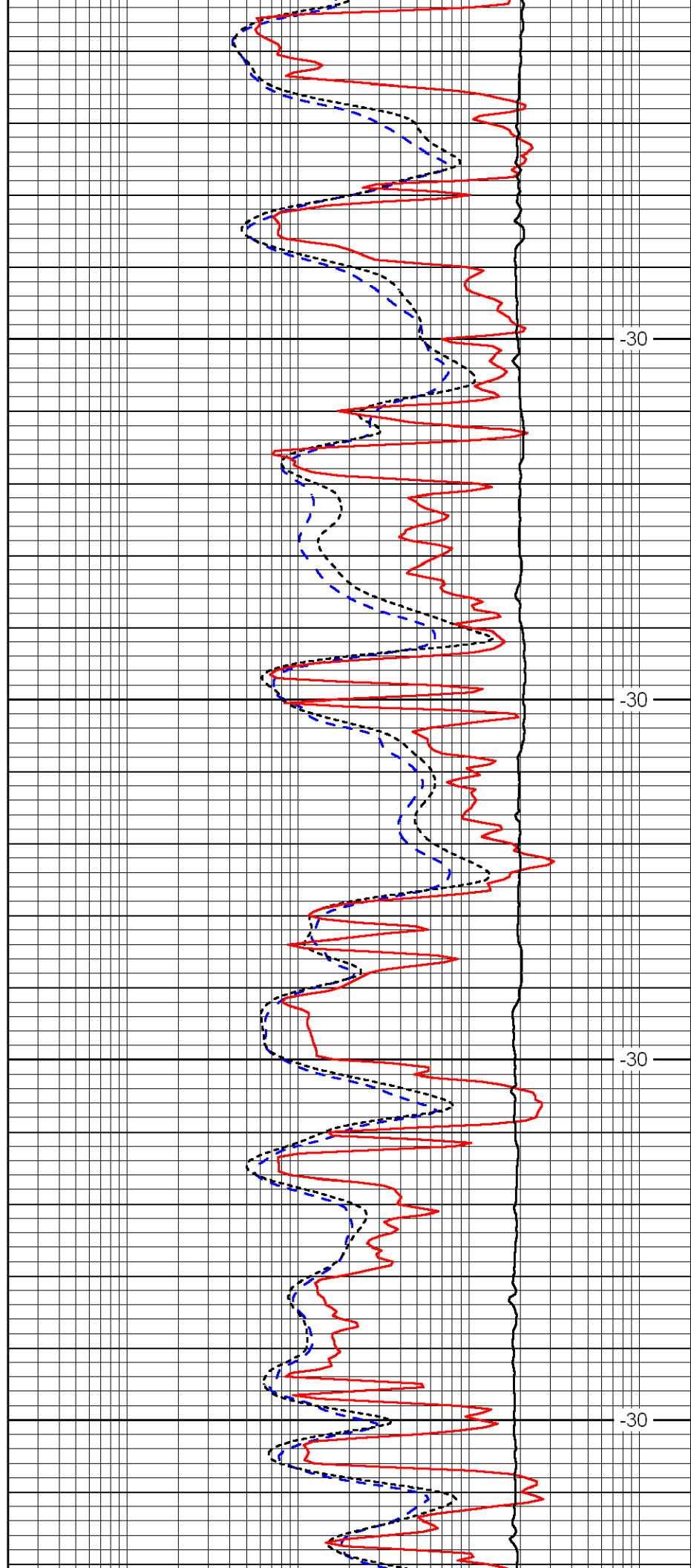


4150

4200

4250

4300

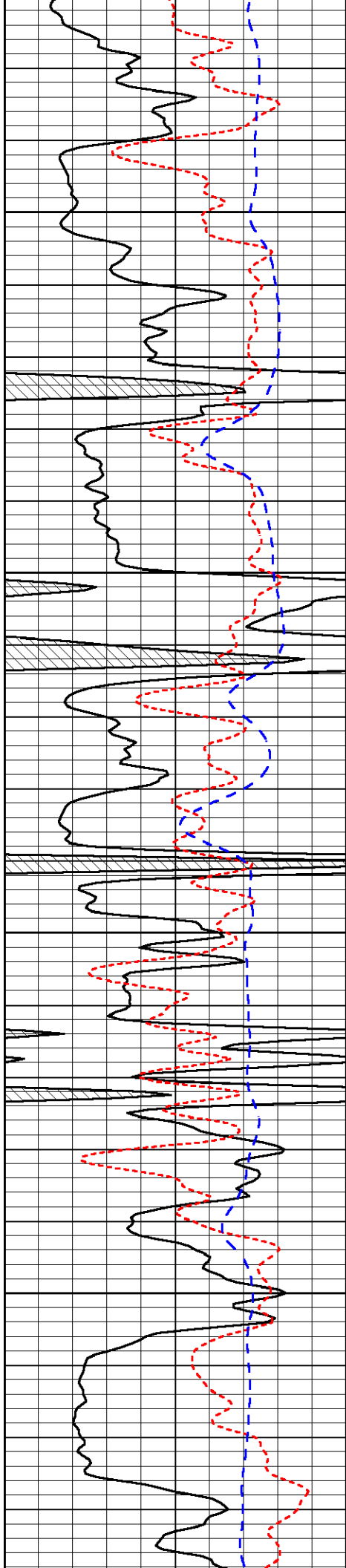


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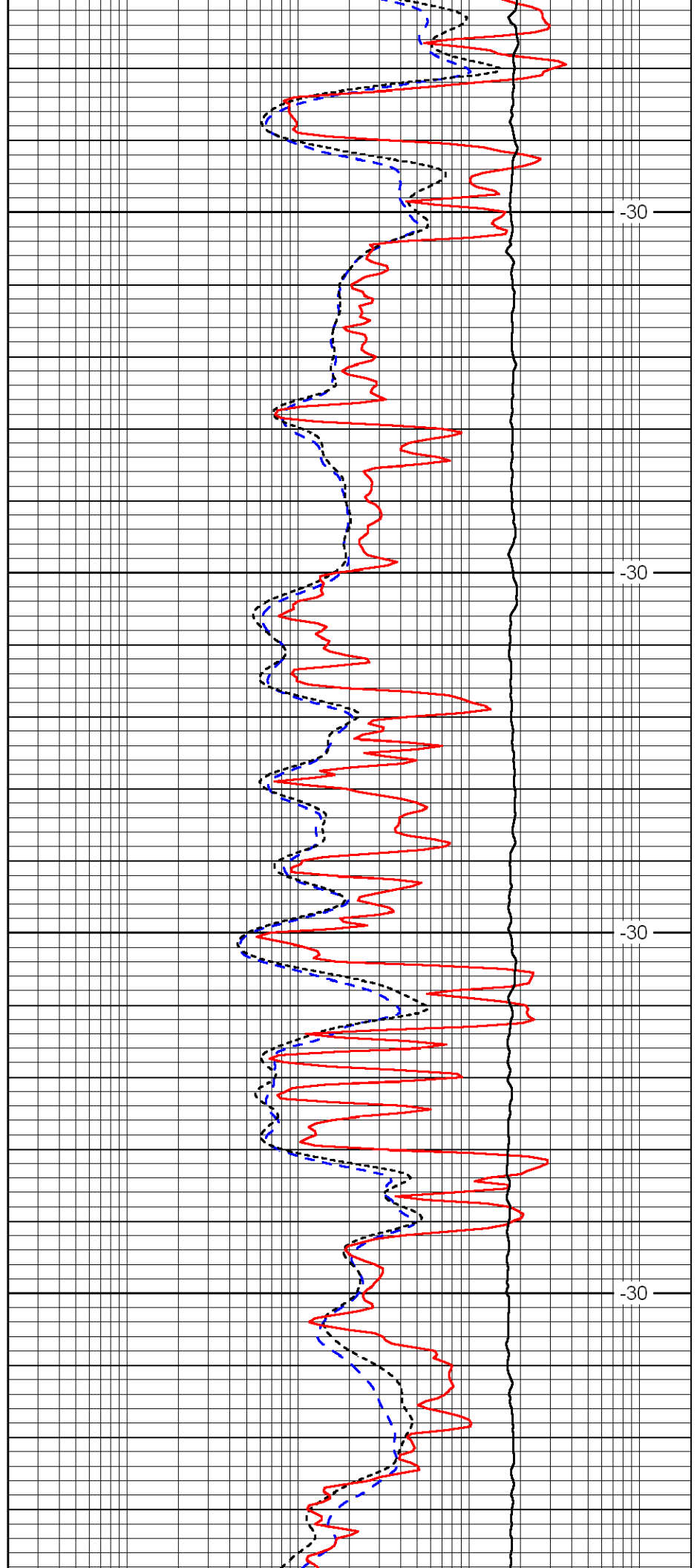


4350

4400

4450

4500

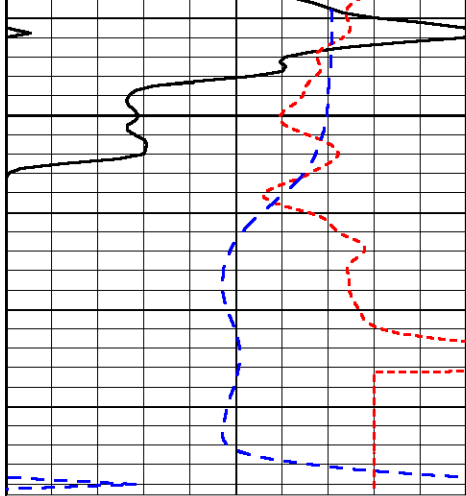


-30

-30

-30

-30



4550

0	Gamma Ray	150
-160	RXO/RT	40
-200	SP	0



-30

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

LSPD



# Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No. 15-101-22,309-00-00

Company **Flatirons Resources, LLC**  
 Well **SRC No. 42-22**  
 Field **Wildcat**  
 County **Lane** State **Kansas**

Location **NW, SE, NE**  
**1650' FNL & 990' FEL**

Sec: **22** Twp: **16S** Rge: **28W**

Other Services  
DIL  
MEL/BHCS

Permanent Datum **Ground Level** Elevation **2656**  
 Log Measured From **Kelly Bushing** **7** Ft. Above Perm. Datum  
 Drilling Measured From **Kelly Bushing**

K.B. 2663  
D.F. G.L. 2656

Date **10/13/2011**

Run Number **One**

Type Log **CNL / CDL**

Depth Driller **4580**

Depth Logger **4583**

Bottom Logged Interval **4562**

Top Logged Interval **3550**

Type Fluid In Hole **Chemical**

Salinity, PPM CL **2500**

Density **9.8**

Level **Full**

Max. Rec. Temp. F **122**

Operating Rig Time **4 1/2** Hours

Equipment -- Location **17** Hays

Recorded By **D. Martin**

Witnessed By **Clayton Erickson**

Borehole Record				Casing Record			
Run No	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	220	8.625	23#	00	220
Two	7.875	220	TD				

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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

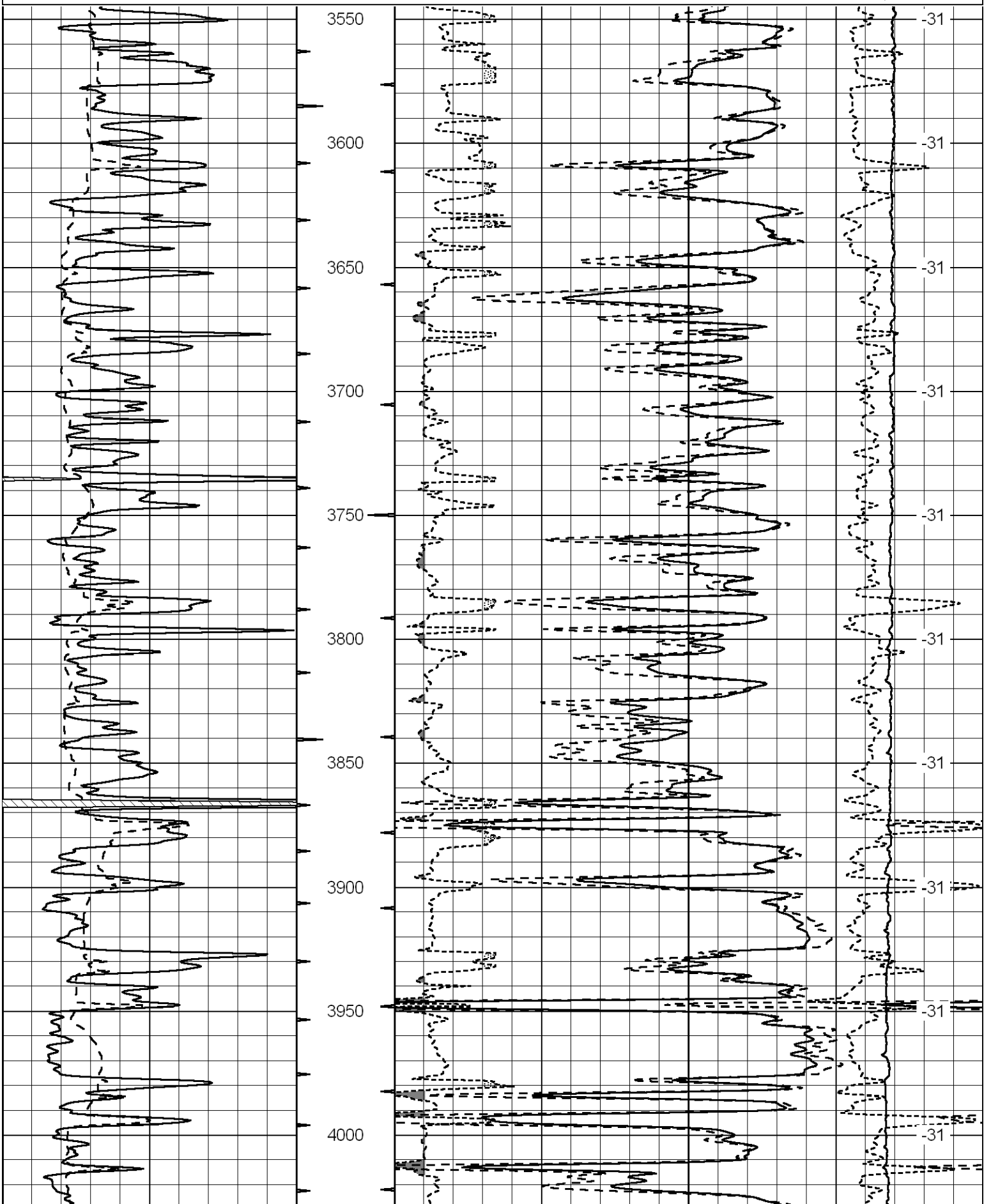
Thank you for using Log-Tech, Inc.  
 (785) 625-3858

Shields, KS  
 1 1/2 W, 1 N Into

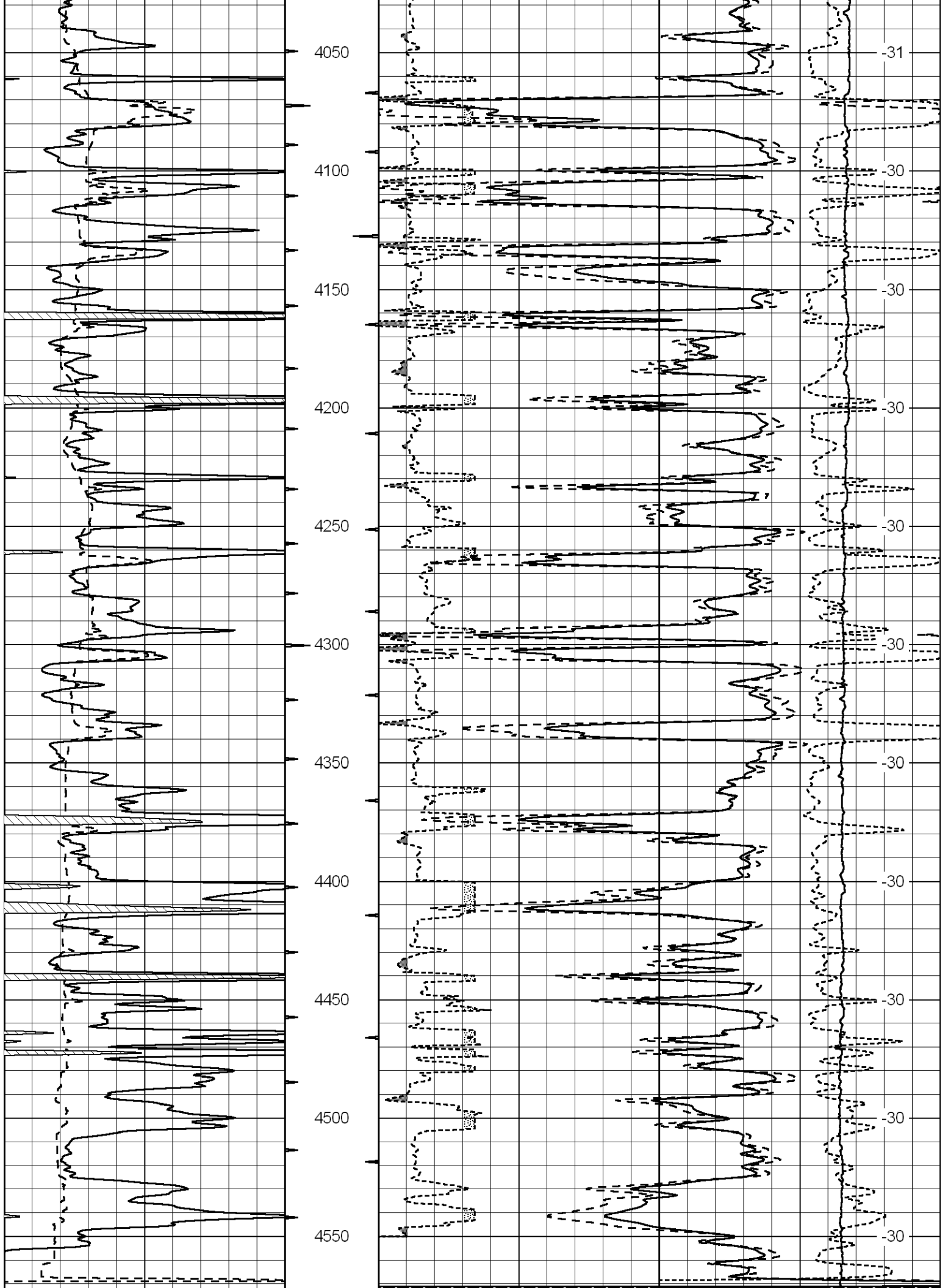
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0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
Correction			0.25
LSPD			



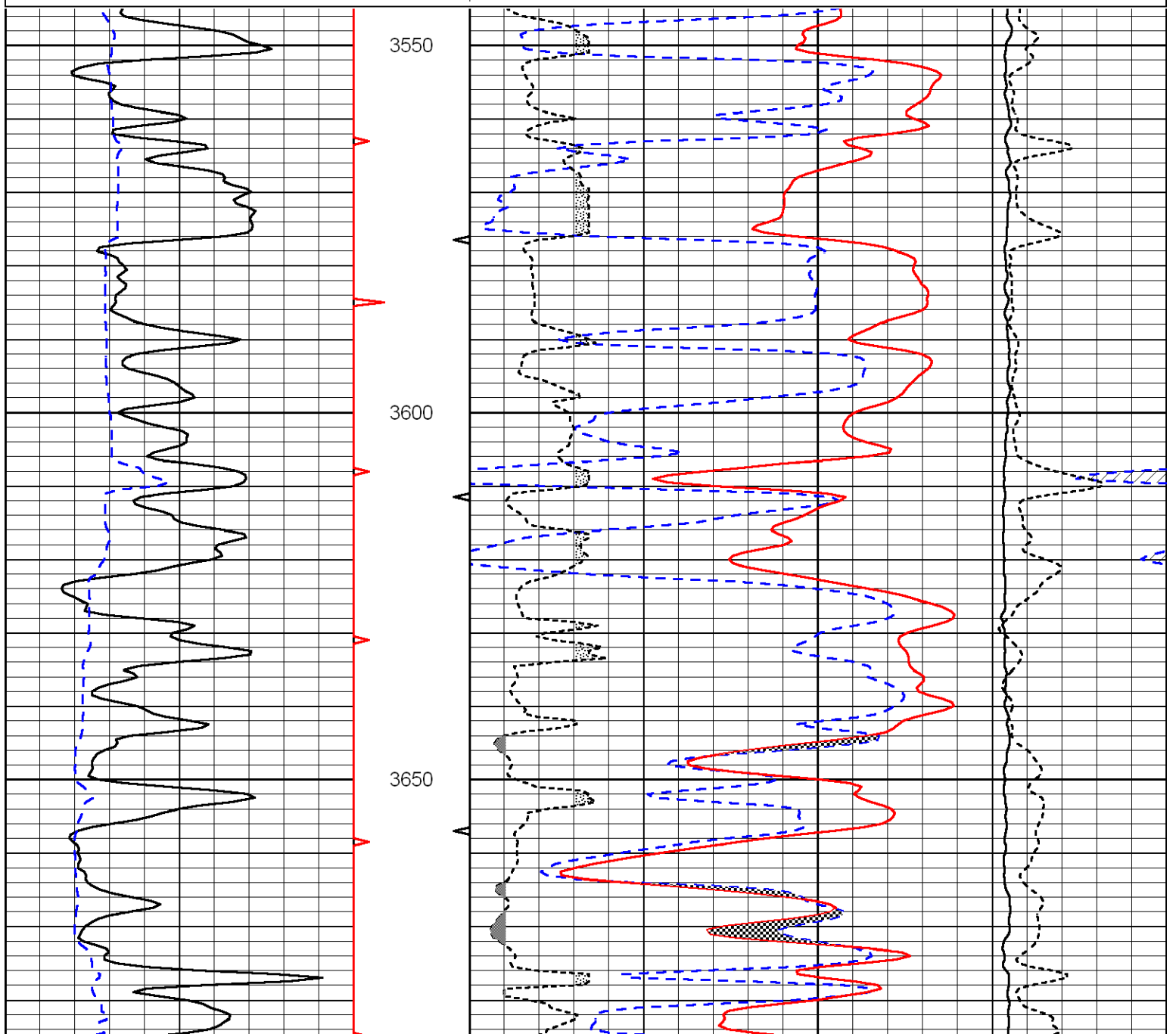


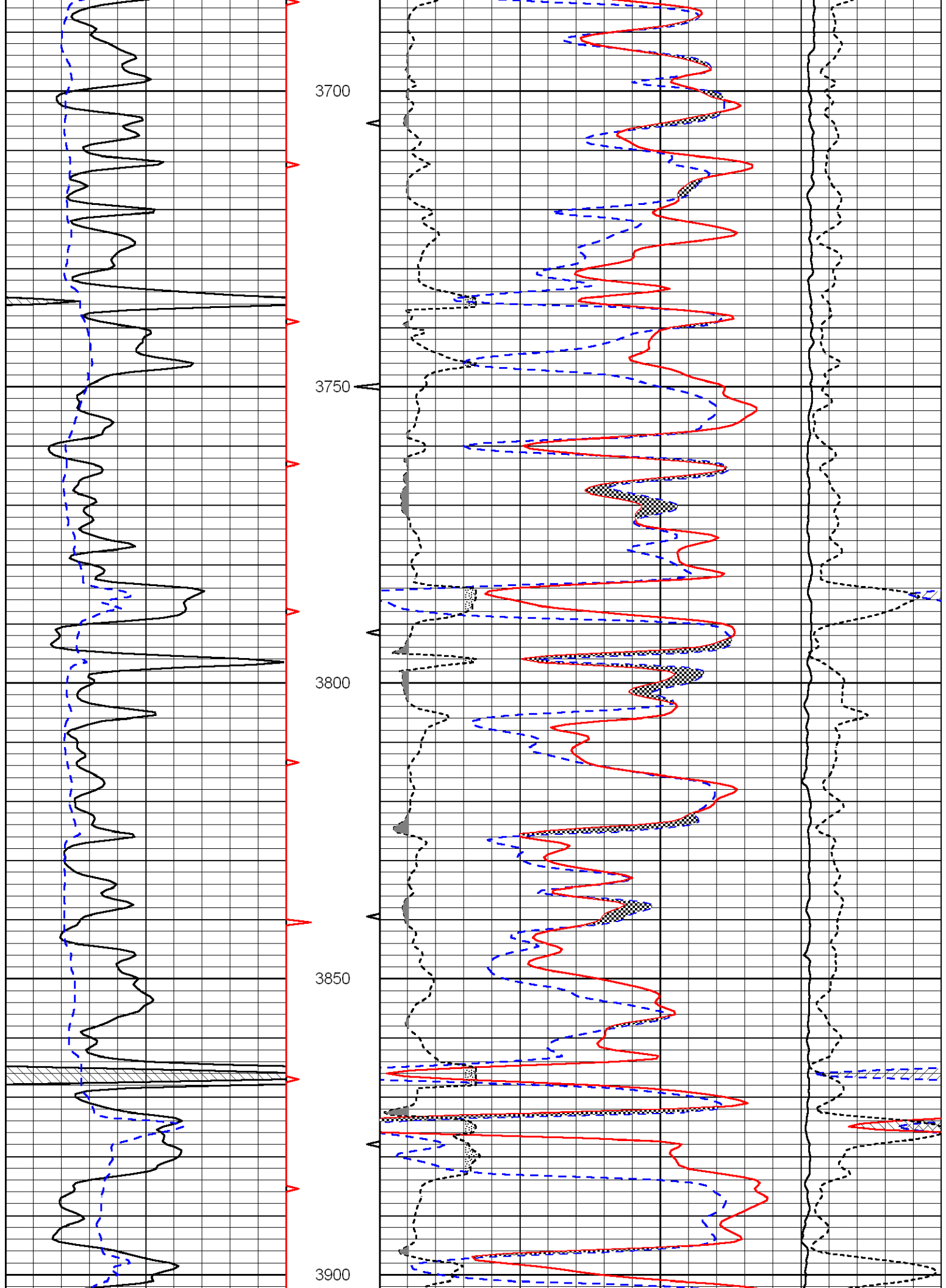


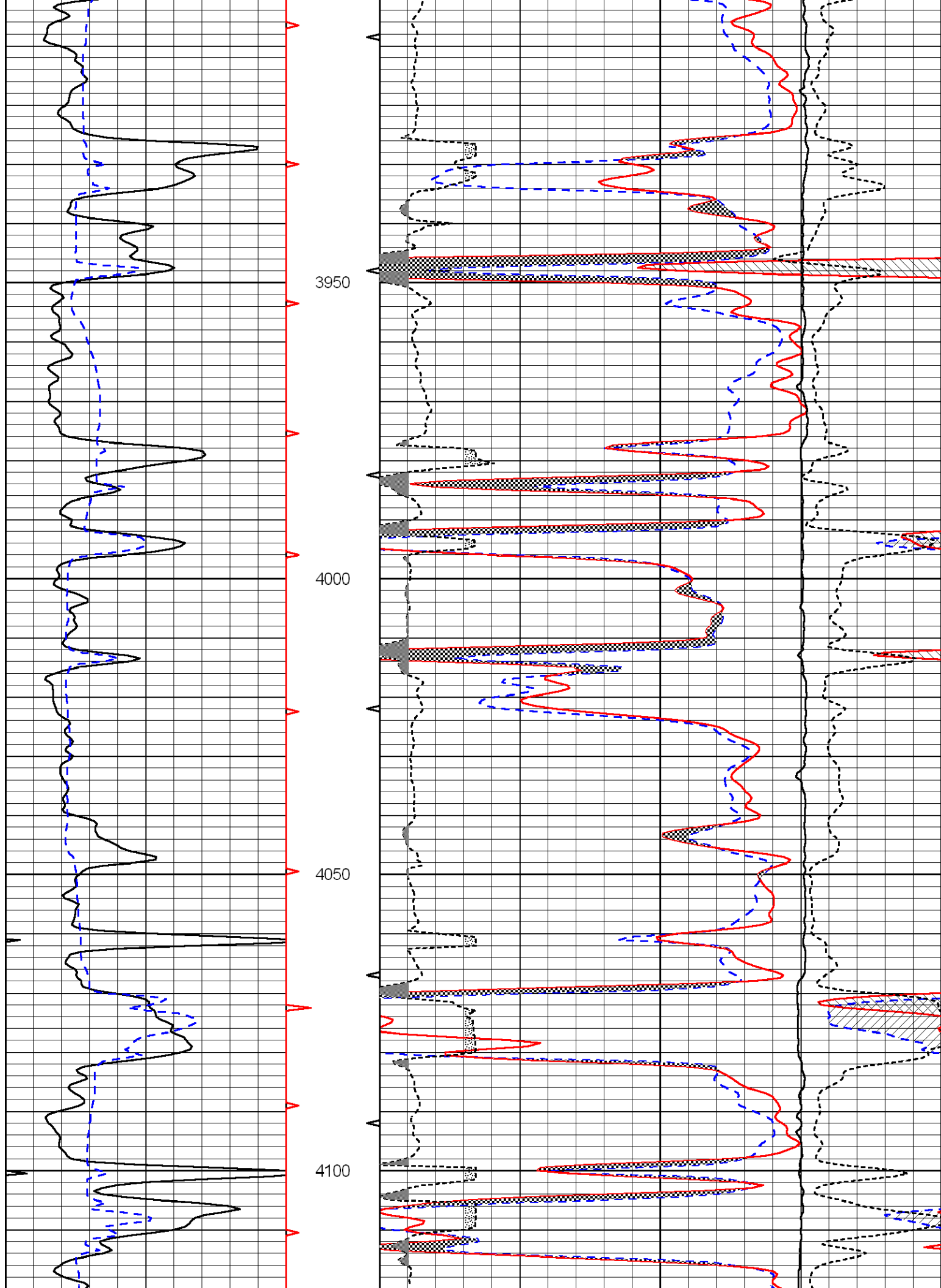
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6	Caliper (GAPI)	16	2	Bulk Density		3
			15000	Line Tension		0
			2.625	DGA	3.425   -0.25	Correction 0.25
						LSPD

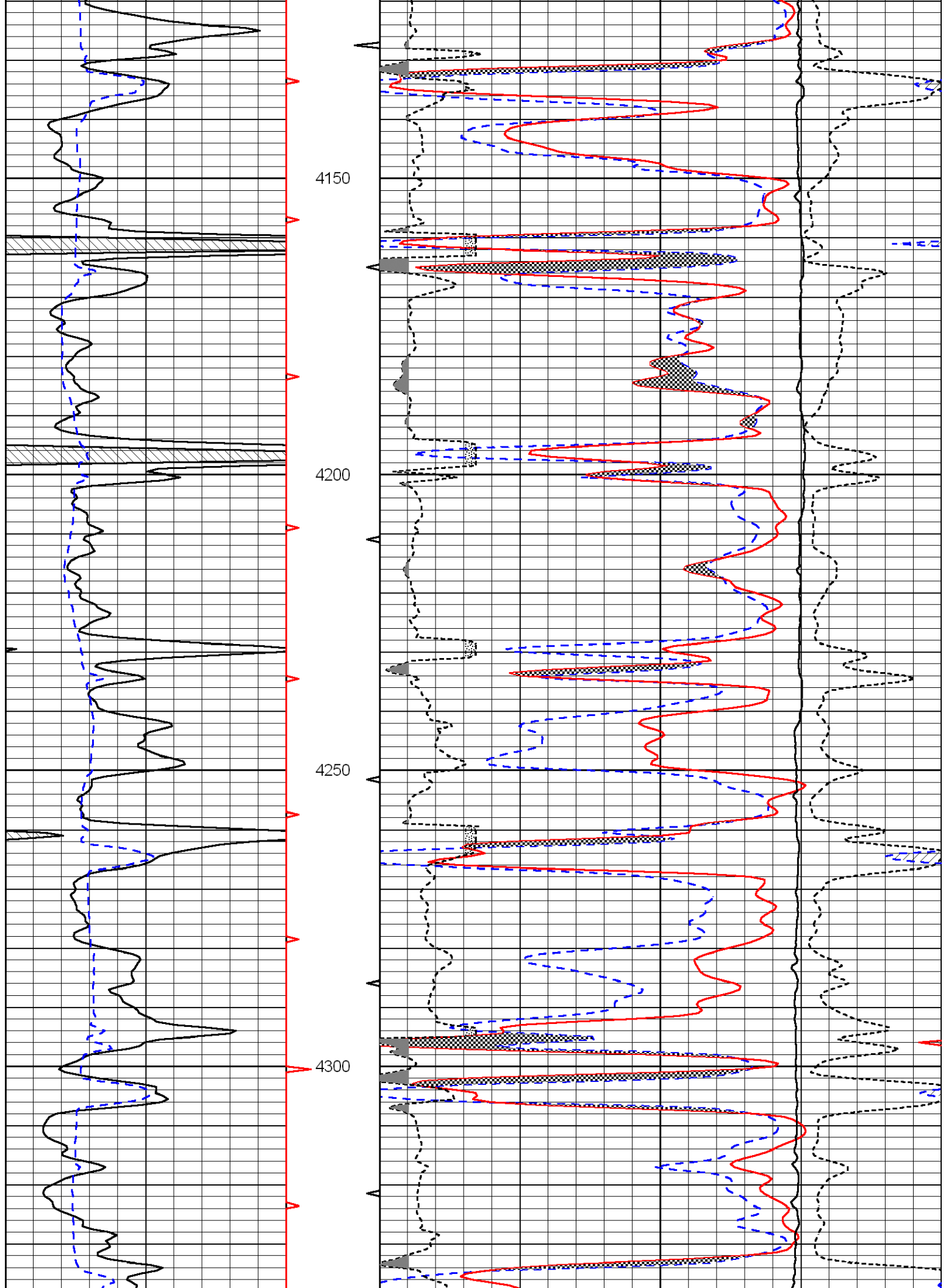
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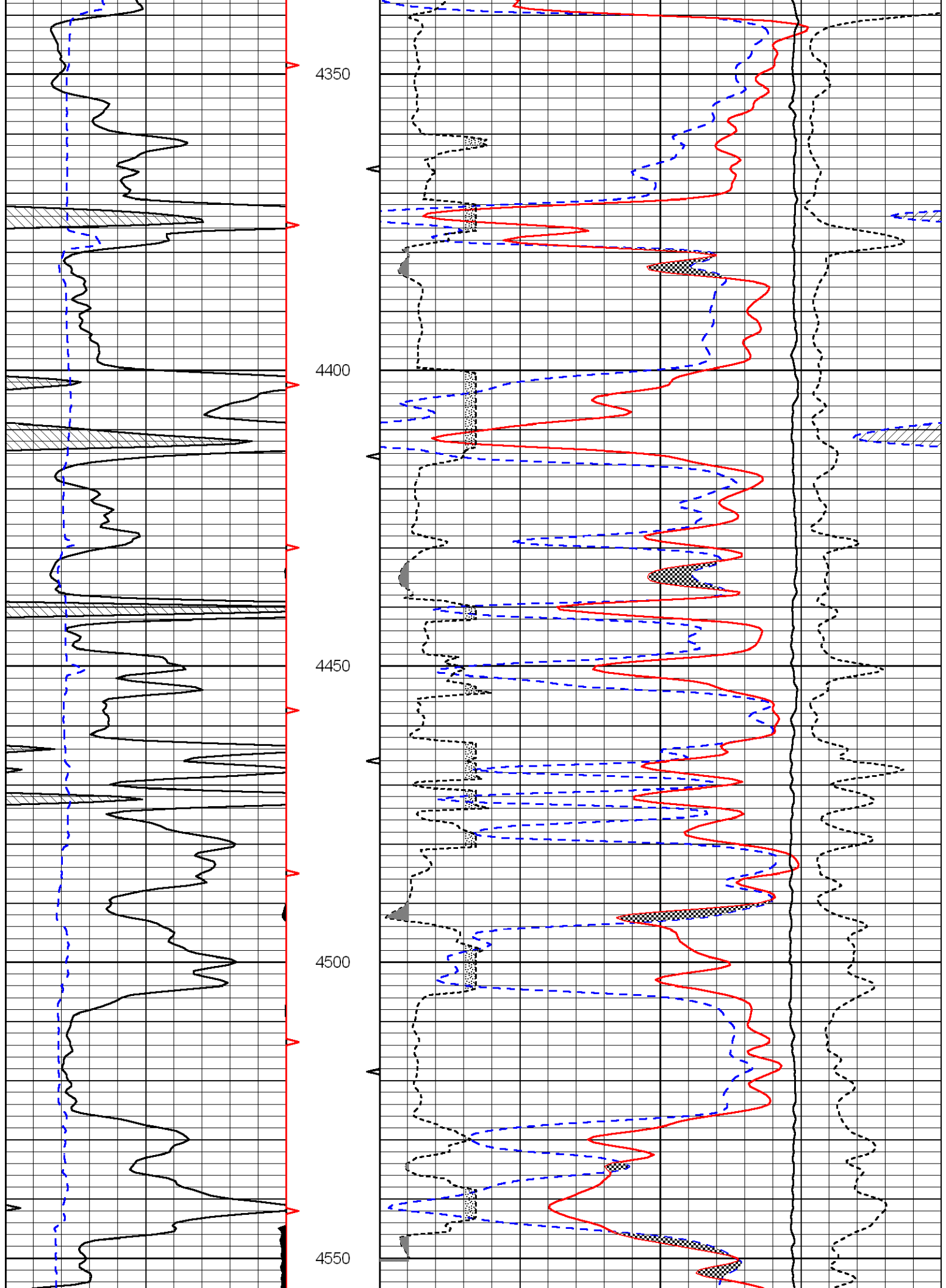
0	Gamma Ray	150	30	CNLS		-10
6	Caliper (GAPI)	16	30	Compensated Density (2.71 ma)		-10
			2.625	DGA	3.425   -0.25	Correction 0.25
			10000	Line Tension		0

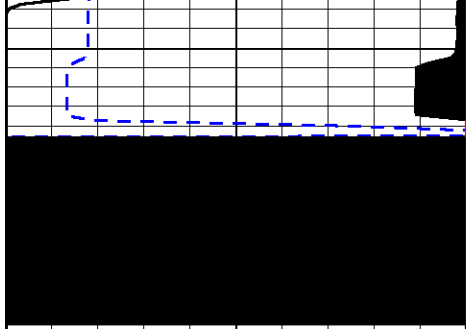




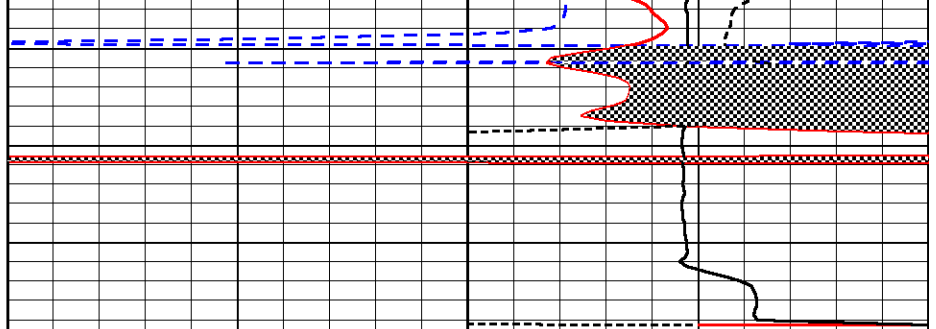








0	Gamma Ray	150
6	Caliper (GAPI)	16



30	CNLS		-10
30	Compensated Density (2.71 ma)		-10
2.625	DGA	3.425	-0.25
			Correction
			0.25
10000	Line Tension		0



# Microresistivity Log

DIGITAL LOG

(785) 625-3858

API No.

15-101-22,309-00-00

Company **Flatirons Resources, LLC**

Well **SRC No. 42-22**

Field **Wildcat**

County **Lane** State **Kansas**

Location **NW, SE, NE  
1650' FNL & 990' FEL**

Sec: **22** Twp: **16S** Rge: **28W**

Permanent Datum **Ground Level** Elevation **2656**

Log Measured From **Kelly Bushing** 7 Ft. Above Perm. Datum

Drilling Measured From **Kelly Bushing**

Other Services  
CNL/CDL  
DIL/BHCS  
Elevation  
K.B. 2663  
D.F.  
G.L. 2656

Date **10/13/2011**

Run Number **Two**

Depth Driller **4580**

Depth Logger **4583**

Bottom Logged Interval **4582**

Top Log Interval **3550**

Casing Driller **8.625 @ 220**

Casing Logger **220**

Bit Size **7.875**

Type Fluid in Hole **Chemical**

Salinity, ppm CL **2500**

Density / Viscosity **9.8 51**

pH / Fluid Loss **9.0 7.6**

Source of Sample **Flowline**

Rm @ Meas. Temp **.72 @ 76**

Rmf @ Meas. Temp **.54 @ 76**

Rmc @ Meas. Temp **.97 @ 76**

Source of Rmf / Rmc **Charts**

Rm @ BHT **.45 @ 122**

Operating Rig Time **4 1/2 Hours**

Max Rec. Temp. F **122**

Equipment Number **17**

Location **Hays**

Recorded By **D. Martin**

Witnessed By **Clayton Erickson**

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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

Thank you for using Log-Tech, Inc.  
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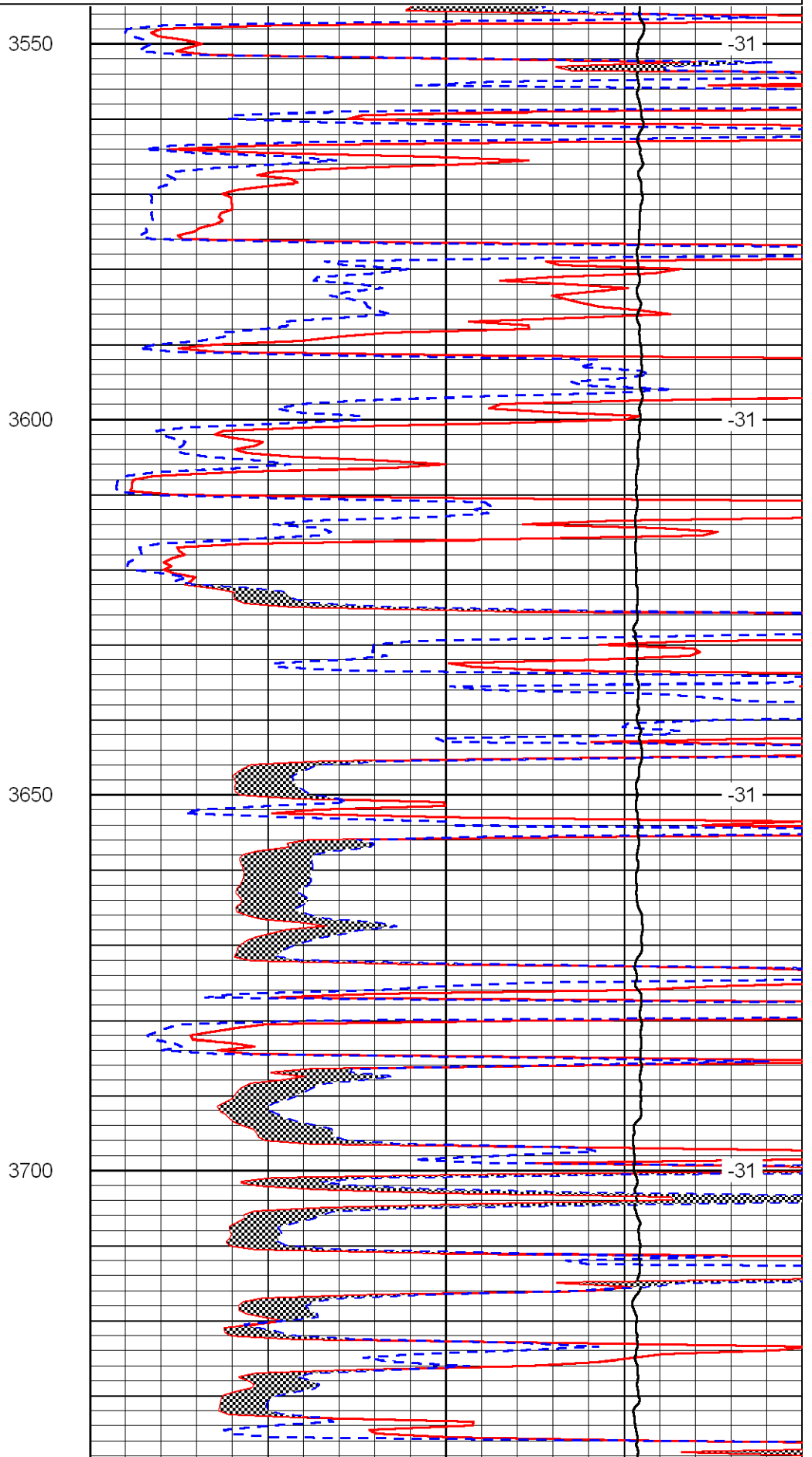
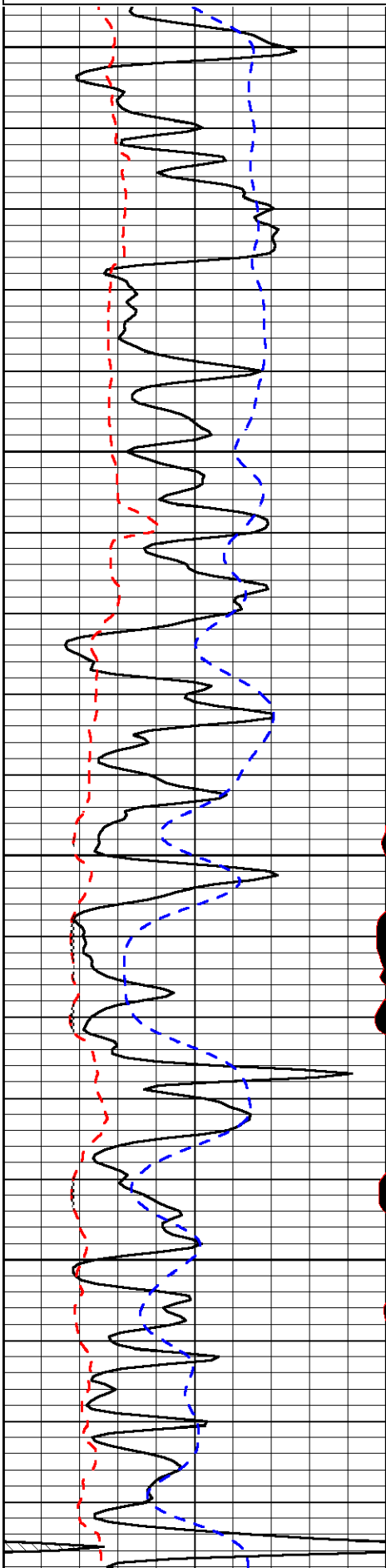
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1 1/2 W, 1 N Into

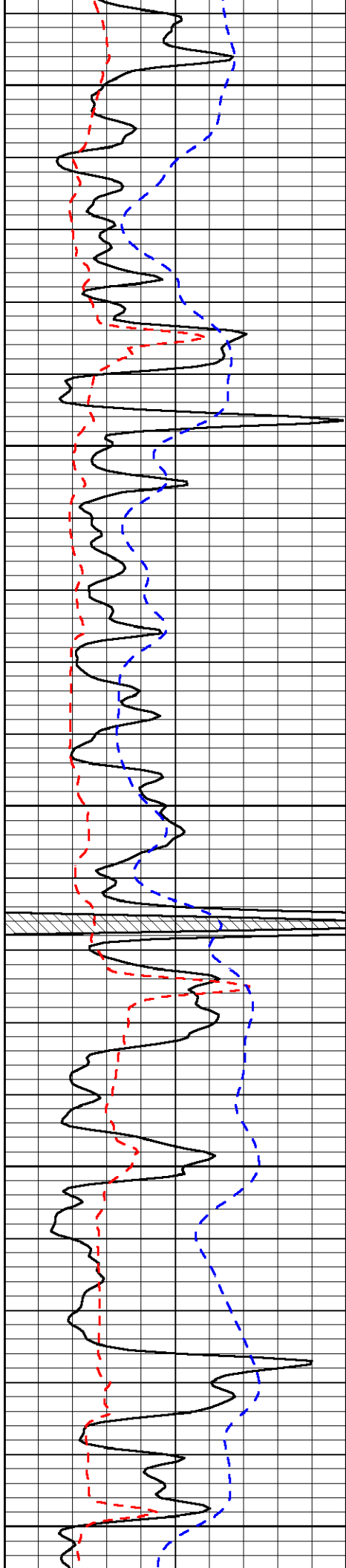
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Presentation Format: micro  
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Charted by: Depth in Feet scaled 1:240



0	Gamma Ray	150
6	MCAL (GAPI)	16
2.875	Mud Cake (GAPI)	7.875
-200	SP	0

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
10000	Line Weight	0
		LSPD





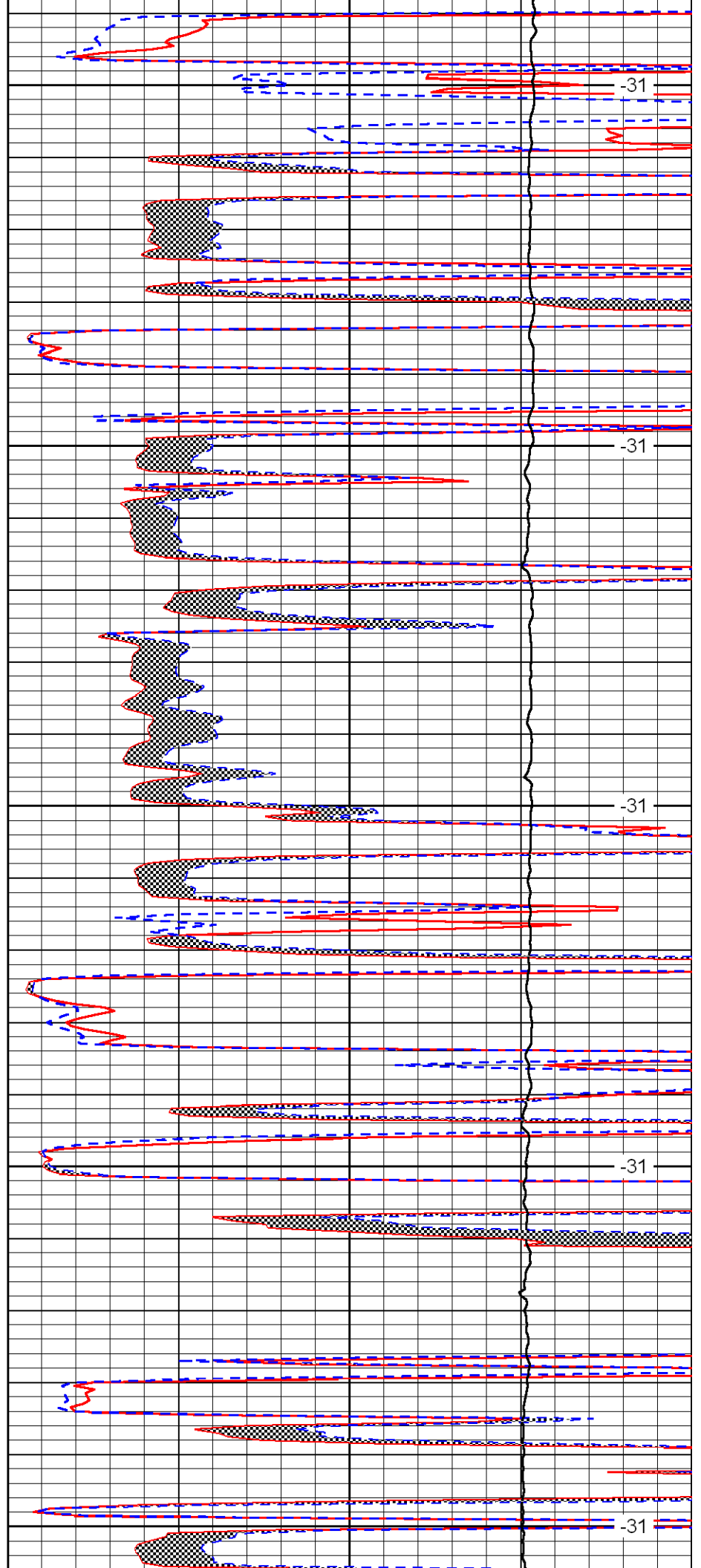
3750

3800

3850

3900

3950



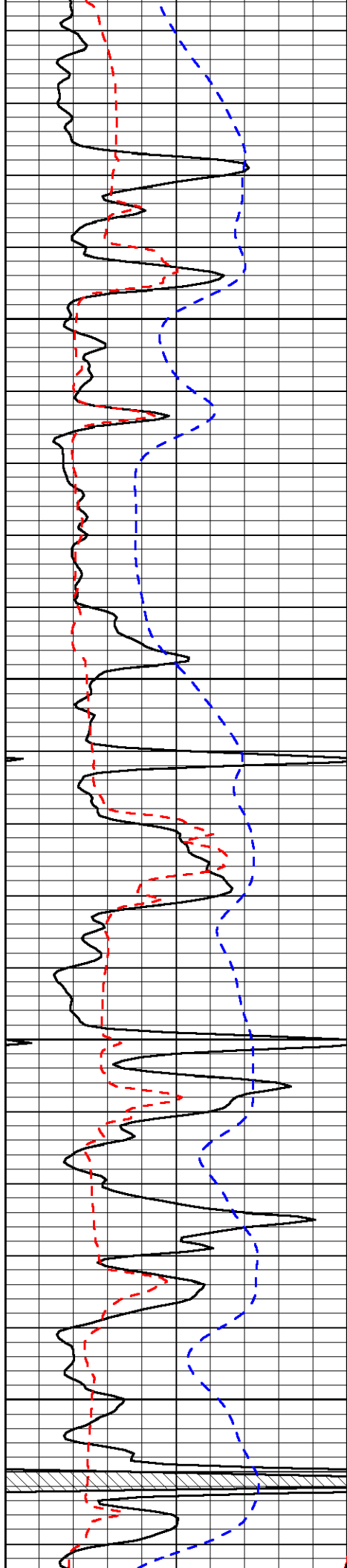
-31

-31

-31

-31

-31

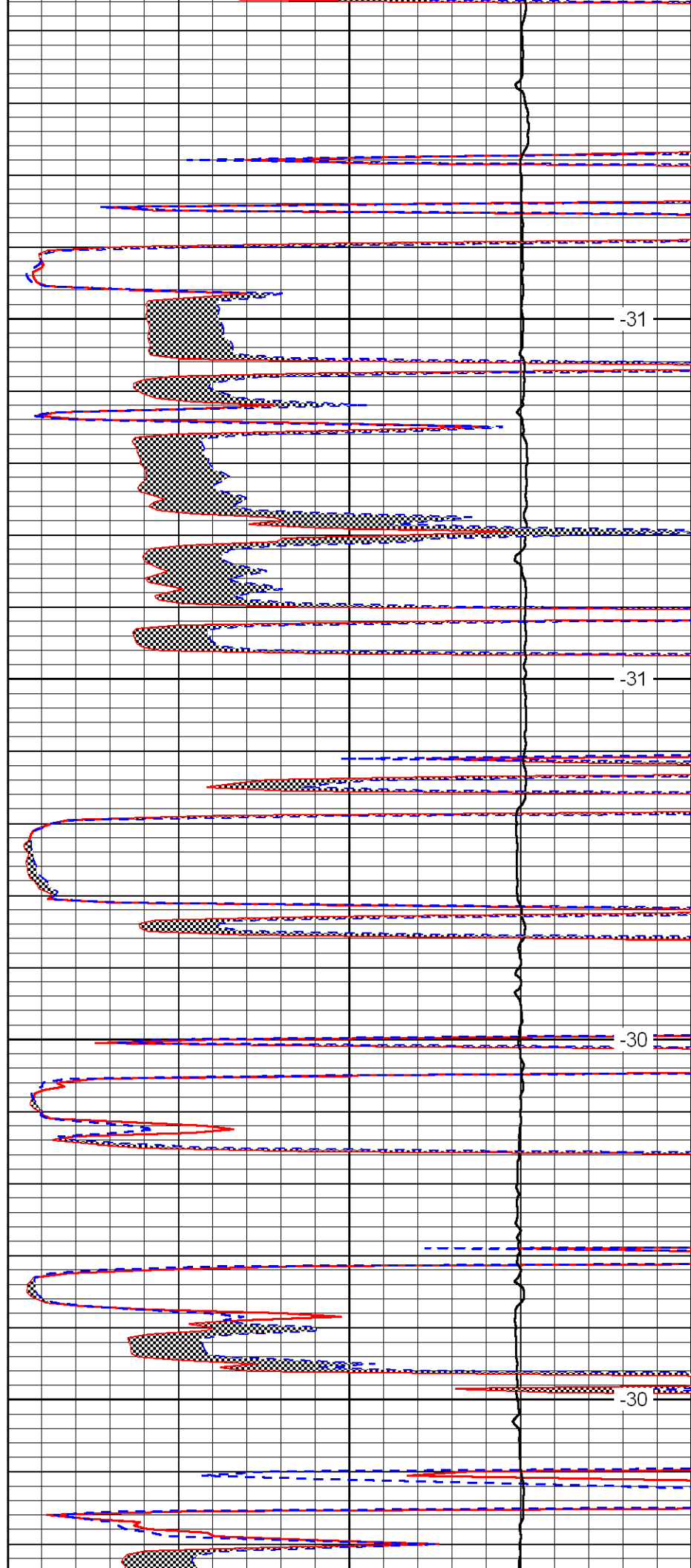


4000

4050

4100

4150

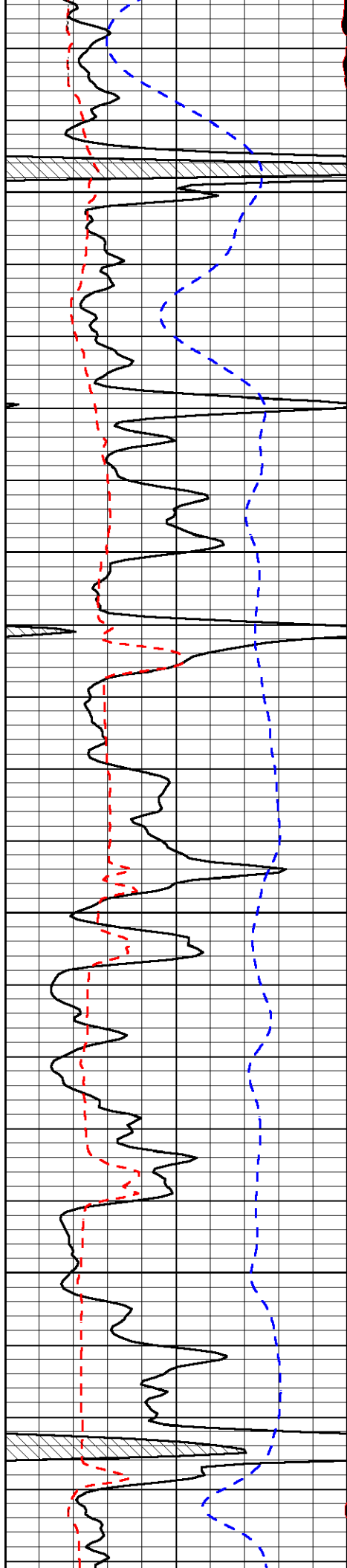


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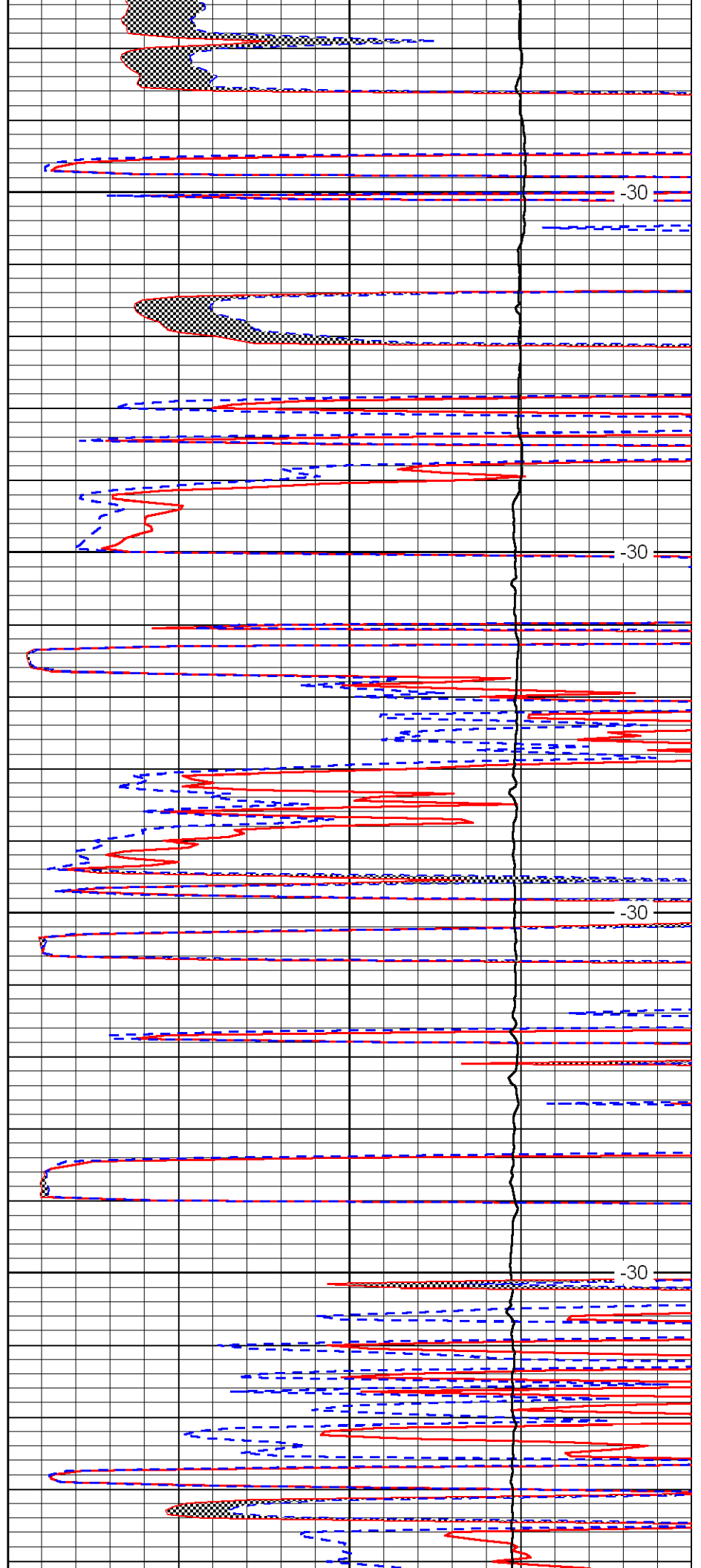


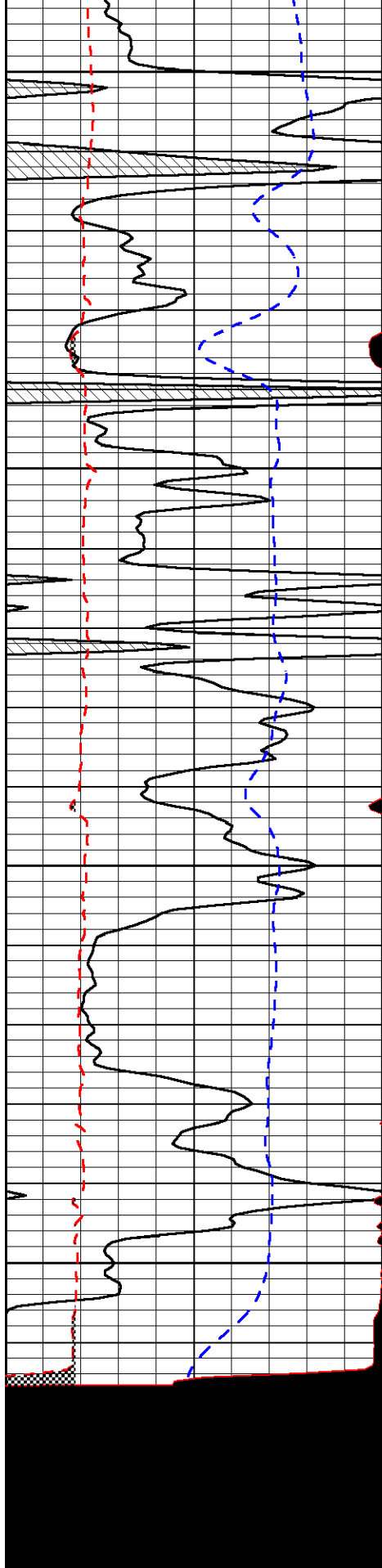
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4250

4300

4350





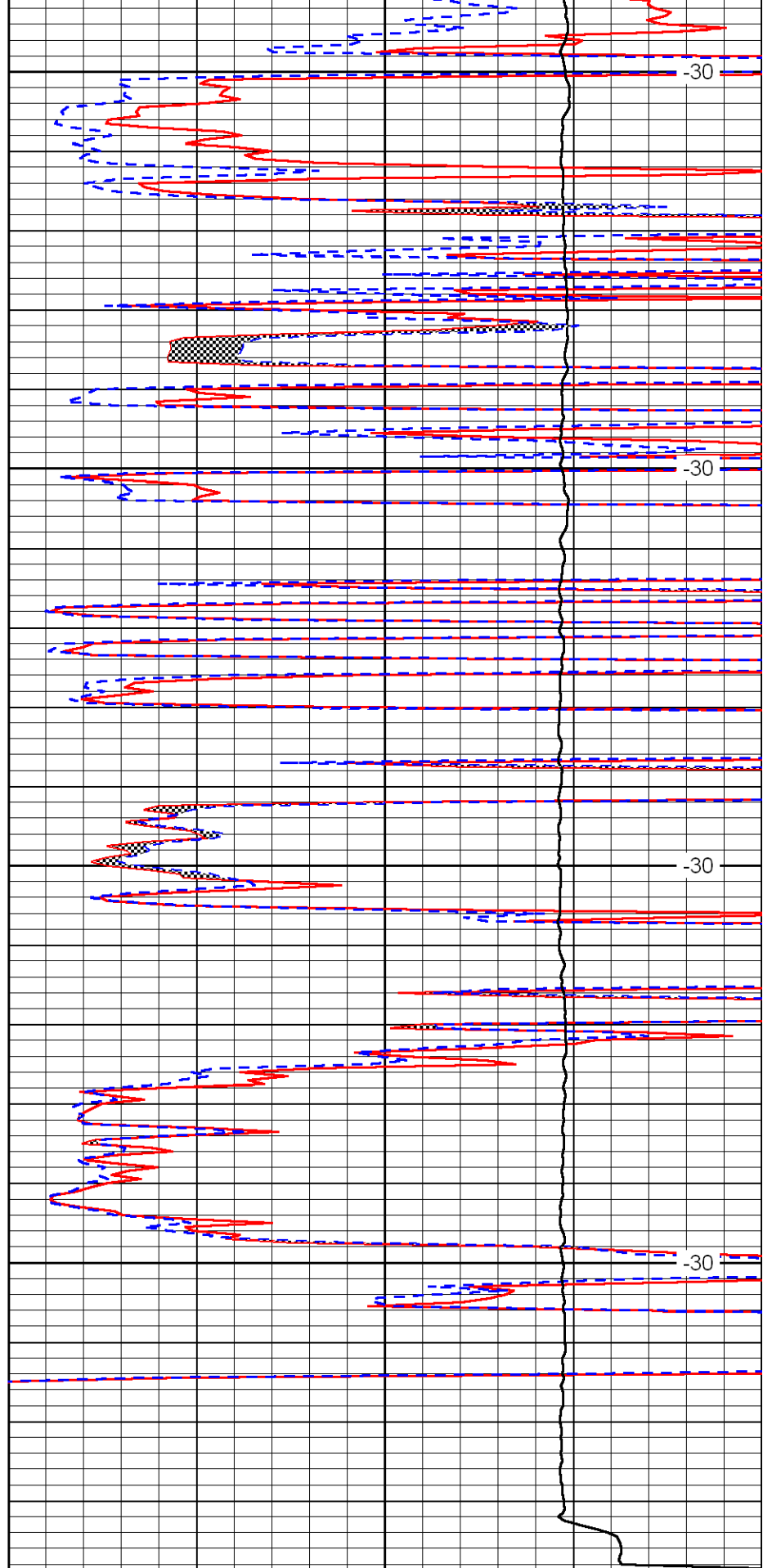
0	Gamma Ray	150
6	MCAL (GAPI)	16
2.875	Mud Cake (GAPI)	7.875
-200	SP	0

4400

4450

4500

4550



0	Micro Inverse 1 X 1	40
0	Micro Normal 2''	40
10000	Line Weight	0

LSPD

