



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1081534
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1081534

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Credo Petroleum Corporation
Well Name	Ruby 1-35
Doc ID	1081534

All Electric Logs Run

Dual Induction Log
Dual Compensated Porosity Log
Borehole Compensated Sonic Log
Microresistivity Log

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

May 16, 2012

Jack Renfro
Credo Petroleum Corporation
1801 BROADWAY # 900
DENVER, CO 80202-3858

Re: ACO1
API 15-101-22363-00-00
Ruby 1-35
NW/4 Sec.35-16S-29W
Lane County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Jack Renfro

ALLIED CEMENTING CO., LLC. 040952

Federal Tax I.D.# 20-5976804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Oakley

DATE <u>4-14-12</u>	SEC <u>35</u>	TWP <u>16</u>	RANGE <u>29</u>	CALLED OUT	ON LOCATION <u>6:00 PM</u>	JOB START <u>8:00</u>	JOB FINISH <u>9:00 PM</u>
LEASE <u>Ruby</u>	WELL # <u>1-35</u>	LOCATION <u>Jat 4-23 Hwy -1N-E+5</u>	COUNTY <u>Lane</u>	STATE <u>Ks.</u>			
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)			into				

CONTRACTOR WV-2

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4644

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH 2220

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 24.45

OWNER Same

CEMENT

AMOUNT ORDERED 300 SKS @ 40 4% Gal

1/4" Flo Seal

COMMON 180 SKS <u>120 SKS</u>	@ <u>16.25</u>	<u>1925.00</u>
POZMIX <u>120 SKS</u>	@ <u>8.50</u>	<u>1020.00</u>
GEL <u>11 SKS</u>	@ <u>21.25</u>	<u>233.75</u>
CHLORIDE _____	@ _____	_____
ASC _____	@ _____	_____
<u>Flo Seal 75 #</u>	@ <u>2.70</u>	<u>202.50</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>314 SKS</u>	@ <u>2.25</u>	<u>706.50</u>
MILEAGE <u>11.6 Pat mile.</u>	@ _____	<u>1189.70</u>
TOTAL		<u>6787.45</u>

EQUIPMENT

PUMP TRUCK CEMENTER Darren R.

423-281 HELPER Tyler

BULK TRUCK _____

376-306 DRIVER Ethan

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

mix 50 SKS Cement 2220 Ft

mix 80 SKS Cement 1410 Ft

mix 50 SKS Cement 720 Ft

mix 50 SKS Cement 280 Ft

mix 20 SKS Cement 60 Ft

mix 20 SKS Cement mouse Hole

mix 30 SKS Cement Rat Hole

Thank You

CHARGE TO: Credo Petroleum

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____		
PUMP TRUCK CHARGE _____		<u>1250.00</u>
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>5.5</u>	@ <u>7.00</u>	<u>385.00</u>
MANIFOLD _____	@ _____	_____
<u>LV mileage</u>	@ <u>4.00</u>	<u>220.00</u>
_____	@ _____	_____
TOTAL		<u>1855.00</u>

PLUG & FLOAT EQUIPMENT

1 Top wooden Plug	@ _____	_____
<u>1 Top wooden Plug</u>	@ _____	<u>92.00</u>
_____	@ _____	_____
_____	@ _____	_____
TOTAL		<u>92.00</u>

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Lonnie Lang

SIGNATURE Lonnie Lang

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 040951

Federal Tax I.D.# 20-5975804

SHIP TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Colley

DATE <u>4-7-12</u>	SEC. <u>35</u>	TWP. <u>16</u>	RANGE <u>29</u>	CALLED OUT	ON LOCATION <u>6:30 pm</u>	JOB START <u>7:00 pm</u>	JOB FINISH <u>7:30 pm</u>
BASE <u>Ruby</u>	WELL #	LOCATION <u>Jct 4+23-1N-E+S into</u>			COUNTY <u>Lane</u>	STATE <u>Ks.</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR WV-2

TYPE OF JOB Surface

BOLE SIZE 12 1/4 T.D.

CASING SIZE 8 5/8 DEPTH

UBING SIZE DEPTH

DRILL PIPE DEPTH

COLL DEPTH

RES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15 ft

PERFS.

DISPLACEMENT

OWNER Same

CEMENT

AMOUNT ORDERED 165 SKs Com 3% CC
2% Gel

COMMON	<u>165 SKs</u>	@ <u>16.25</u>	<u>\$ 2681.25</u>
POZMIX		@	
GBL	<u>3 SKs</u>	@ <u>31.25</u>	<u>\$ 63.75</u>
CHLORIDE	<u>6 SKs</u>	@ <u>58.32</u>	<u>\$ 349.20</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>174 SKs</u>	@ <u>2.25</u>	<u>\$ 391.50</u>
MILEAGE	<u>11.6 Per mile</u>		<u>\$1052.70</u>
			TOTAL <u>\$ 4839.40</u>

REMARKS:

Mix 165 SKs Cement
Displace with water
Cement Did Circulate

SERVICE

DEPTH OF JOB	<u>255.71</u>		
PUMP TRUCK CHARGE		@	<u>\$ 1125.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>55</u>	@ <u>7.00</u>	<u>\$ 385.00</u>
MANIFOLD	<u>Head</u>	@	<u>\$ 220.00</u>
<u>Lumileage</u>		@ <u>4.00</u>	<u>\$ 220.00</u>
		@	
			TOTAL <u>\$ 1930.00</u>

CHARGE TO: Credo Petroleum

TRBET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL _____

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Justin Hamilton

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



DIGITAL LOG (785) 625-3858

Borehole Compensated
Sonic Log

API No. 15-101-22,363-00-00

Company **Credo Petroleum Corporation**
 Well **Ruby #1-35**
 Field **Lohoff East**
 County **Lane** State **Kansas**

Location **735' FNL / 535' FWL**

Sec: **35** Twp: **16S** Rge: **29W**

Other Services
CNL/CDL
MEL/DIL

Permanent Datum **Ground Level** Elevation **2801**
 Log Measured From **Kelly Bushing** 5 Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

K.B. 2806
 D.F. G.L. 2801

Date **4/14/2012**

Run Number **Two**

Type Log **BHC Sonic**

Depth Driller **4644**

Depth Logger **4646**

Bottom Logged Interval **4635**

Top Logged Interval **250**

Type Fluid In Hole **Chemical**

Salinity, PPM CL **2000**

Density **9.3**

Level **Full**

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

Operating Rig Time **5 Hours**

Equipment -- Location **15 Hays**

Recorded By **R. Barnhart**

Witnessed By **Bruce Ard**

Borehole Record		Casing Record				
Run No	Bit From	To	Size	Wgt. 23#	From	To
One	12.25	00	255	8.625	00	255
Two	7.875	255	TD			

<<< 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

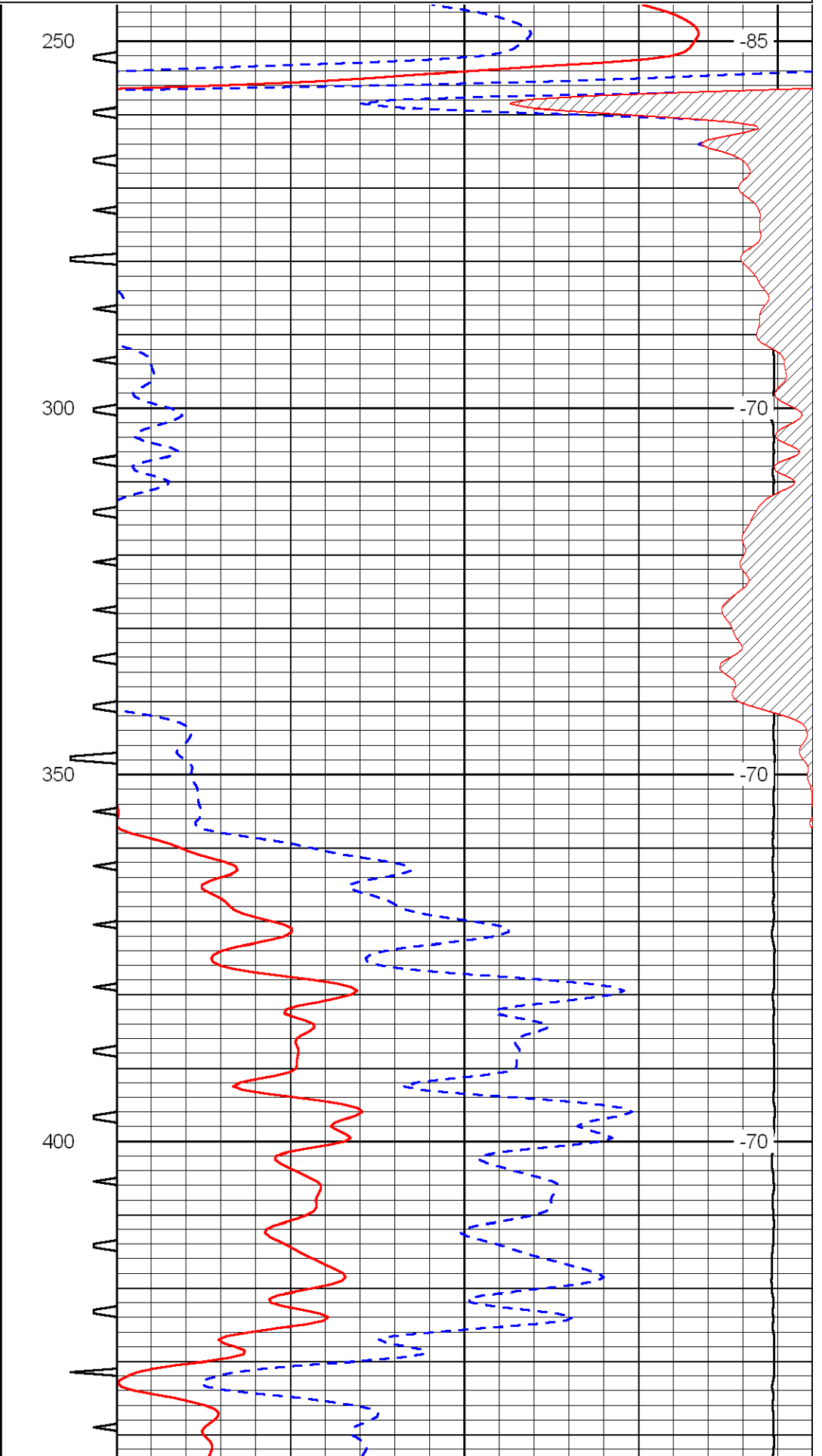
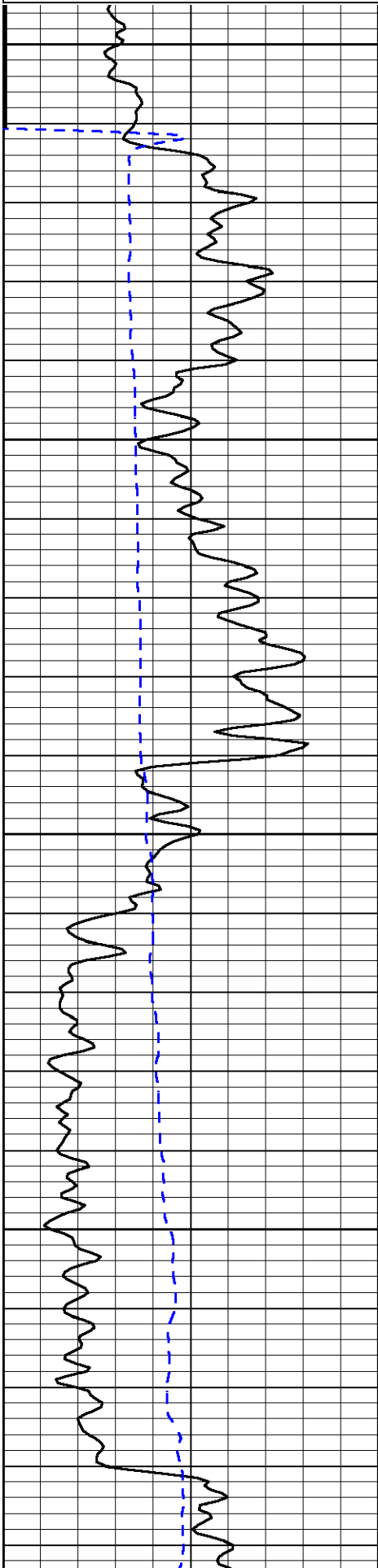
Thank you for using Log-Tech, Inc.
 (785) 625-3858

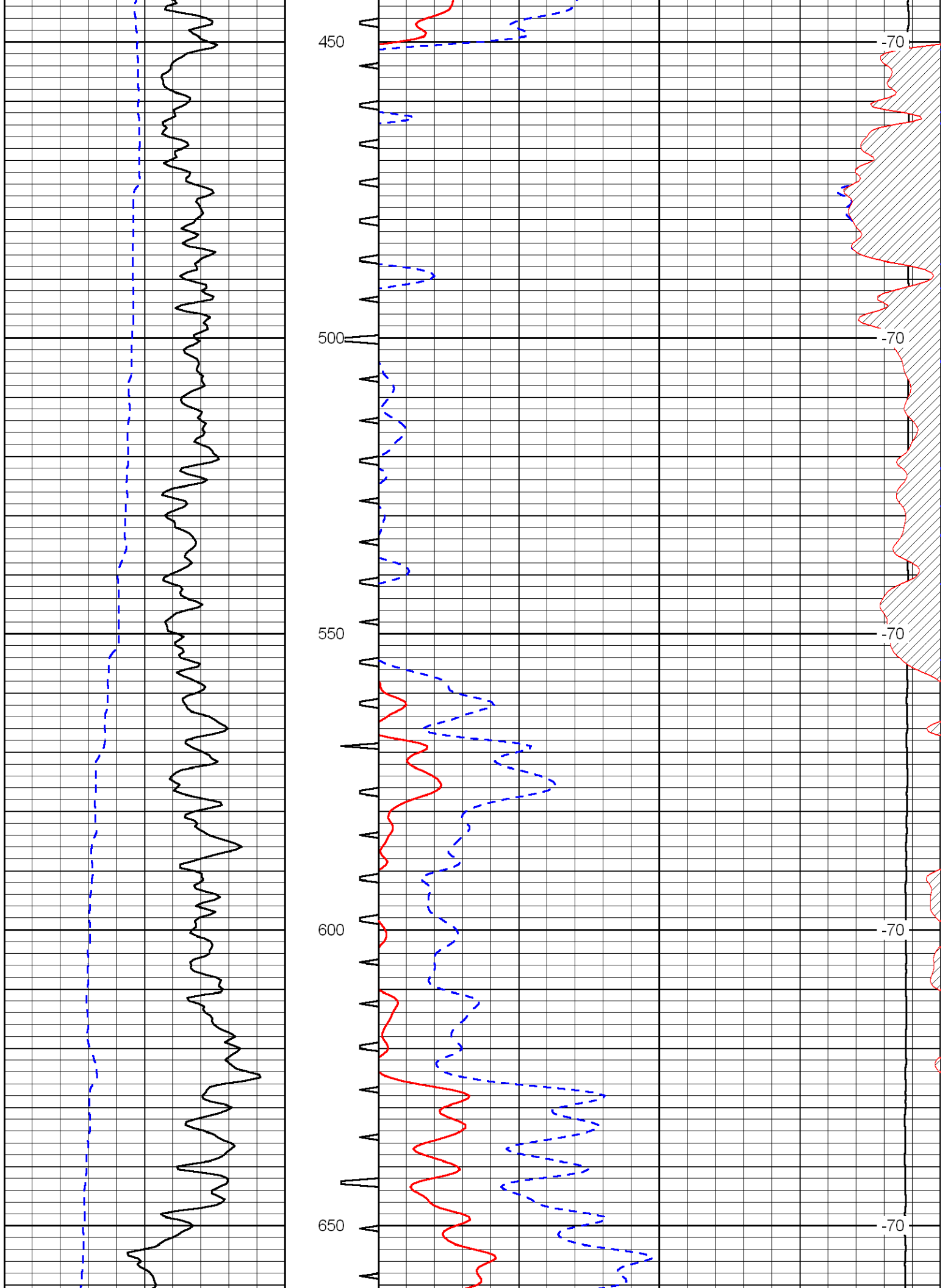
Healy, KS:
 E to Hwy 23, 1N,
 1/16E, S into

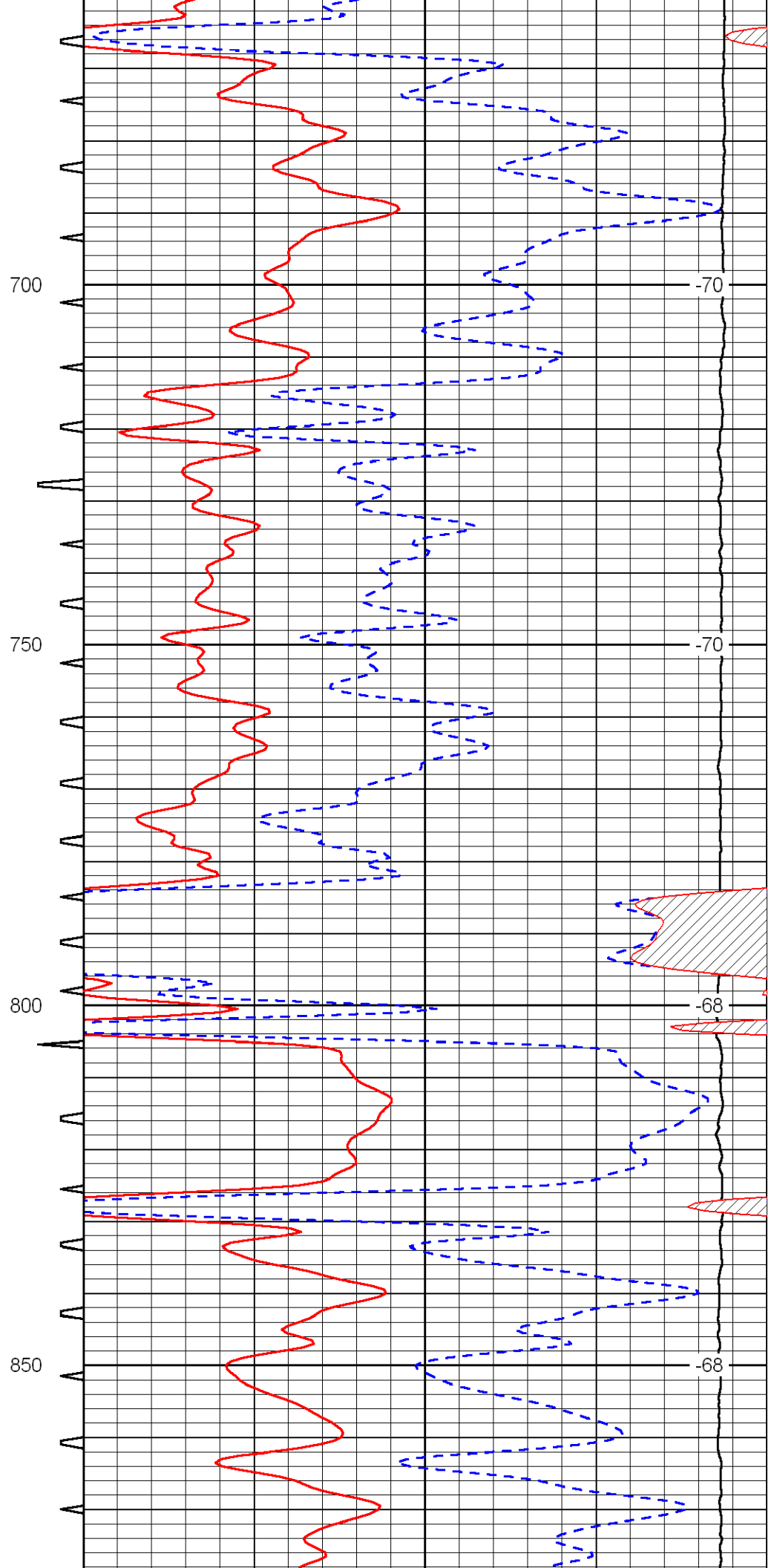
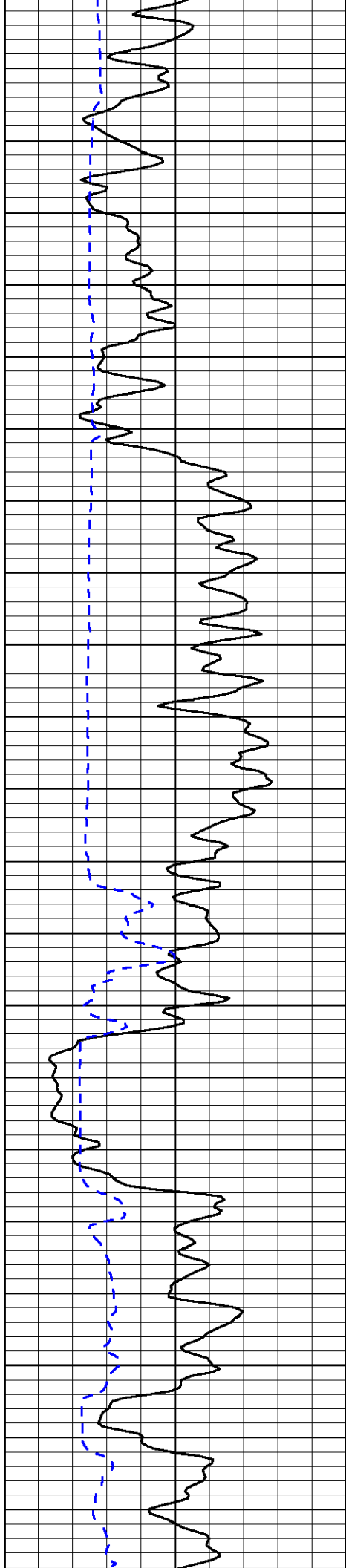
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 Charted by: Depth in Feet scaled 1:240

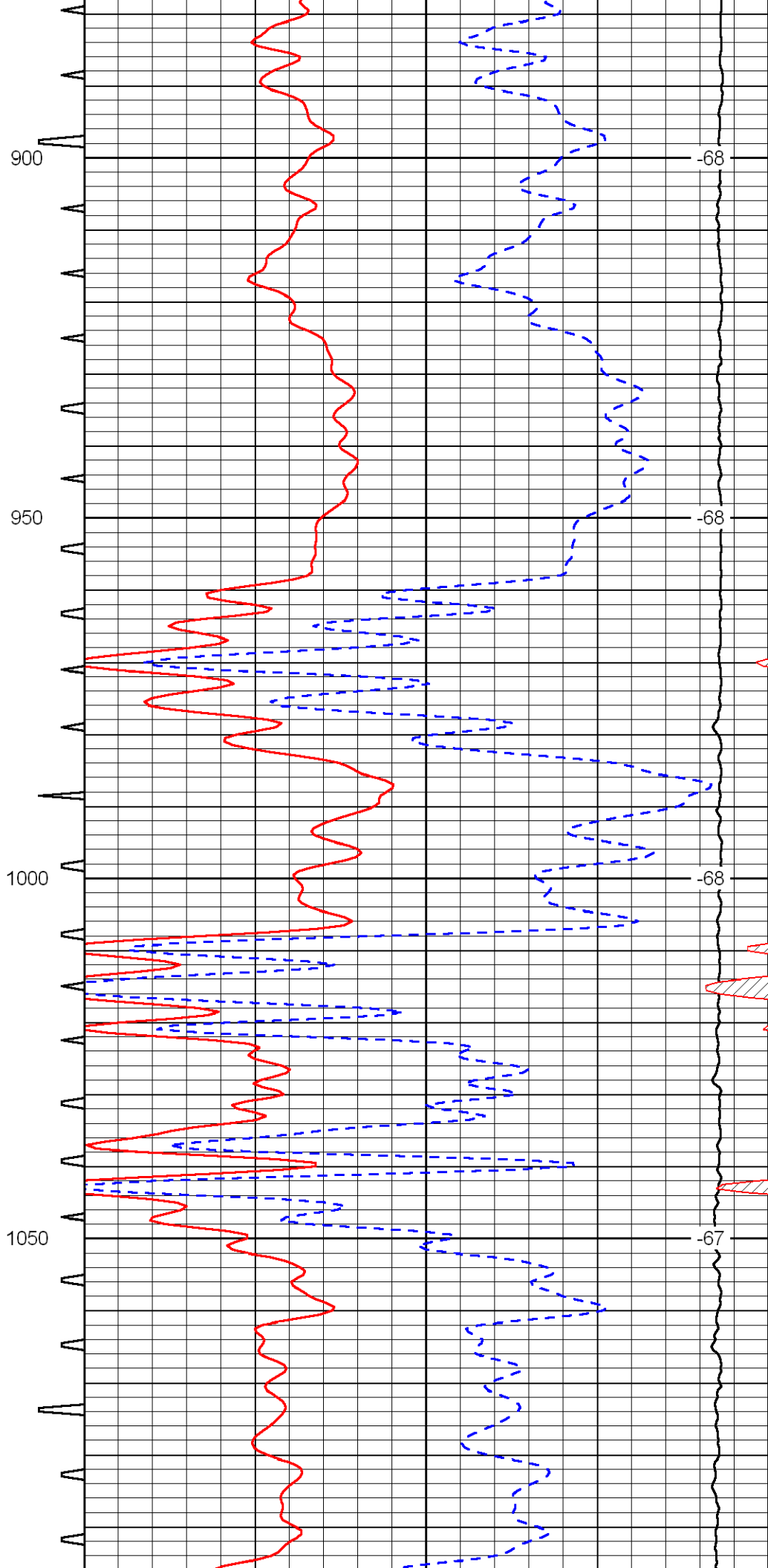
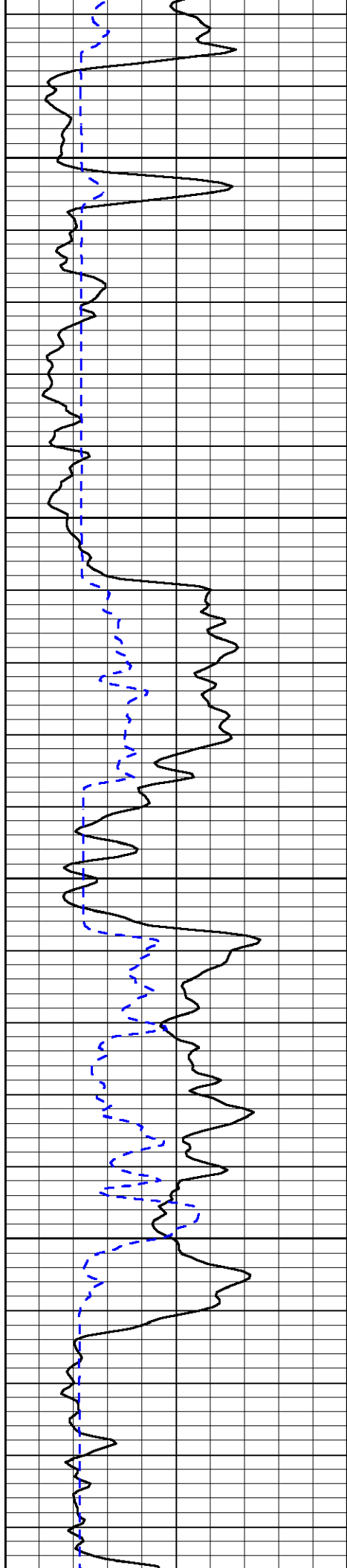
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150	Gamma Ray	300	5	0	Sonic Porosity	-10
6	dCAL (GAPI)	16		15000	LTEN (lb)	0

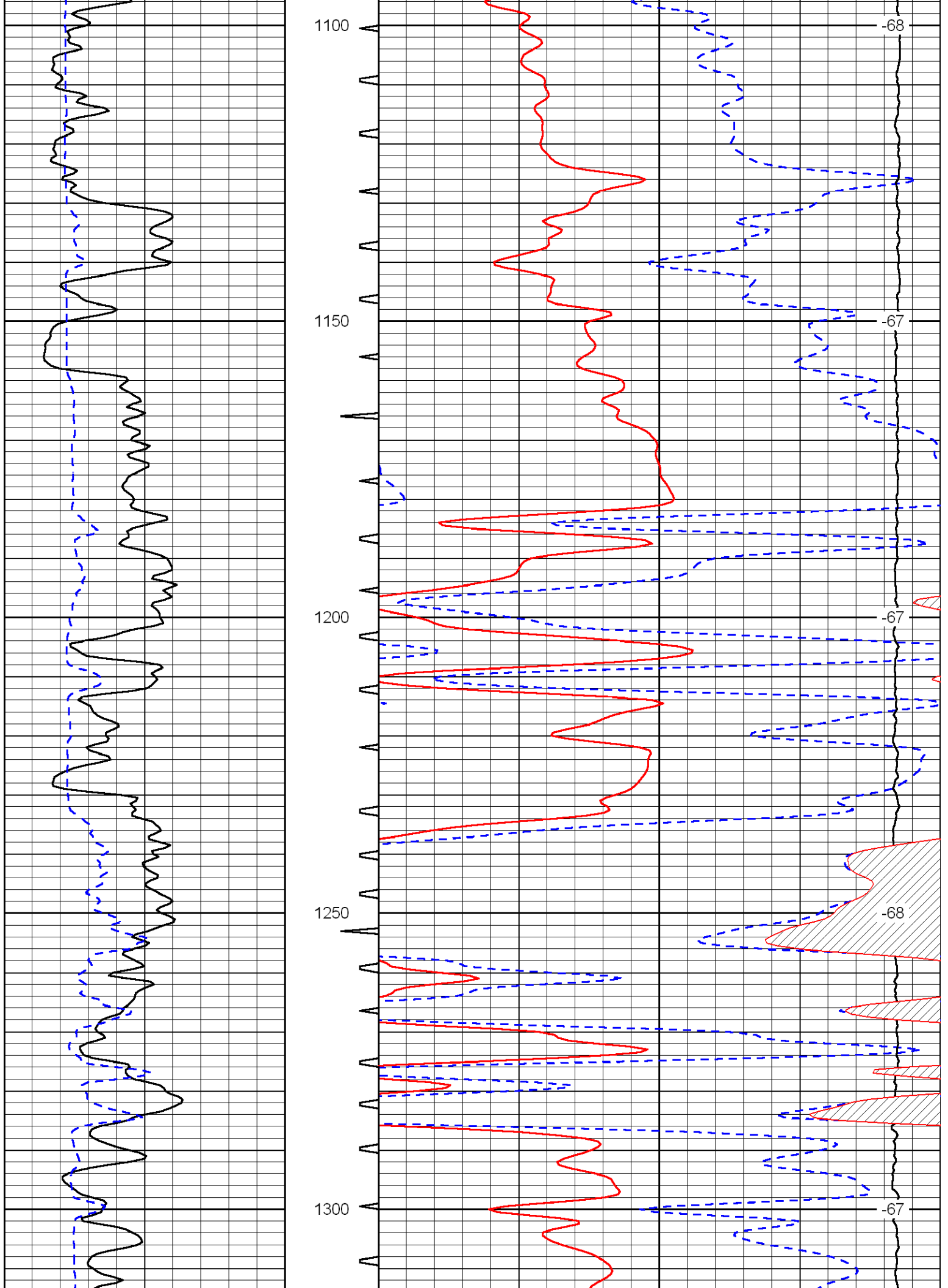
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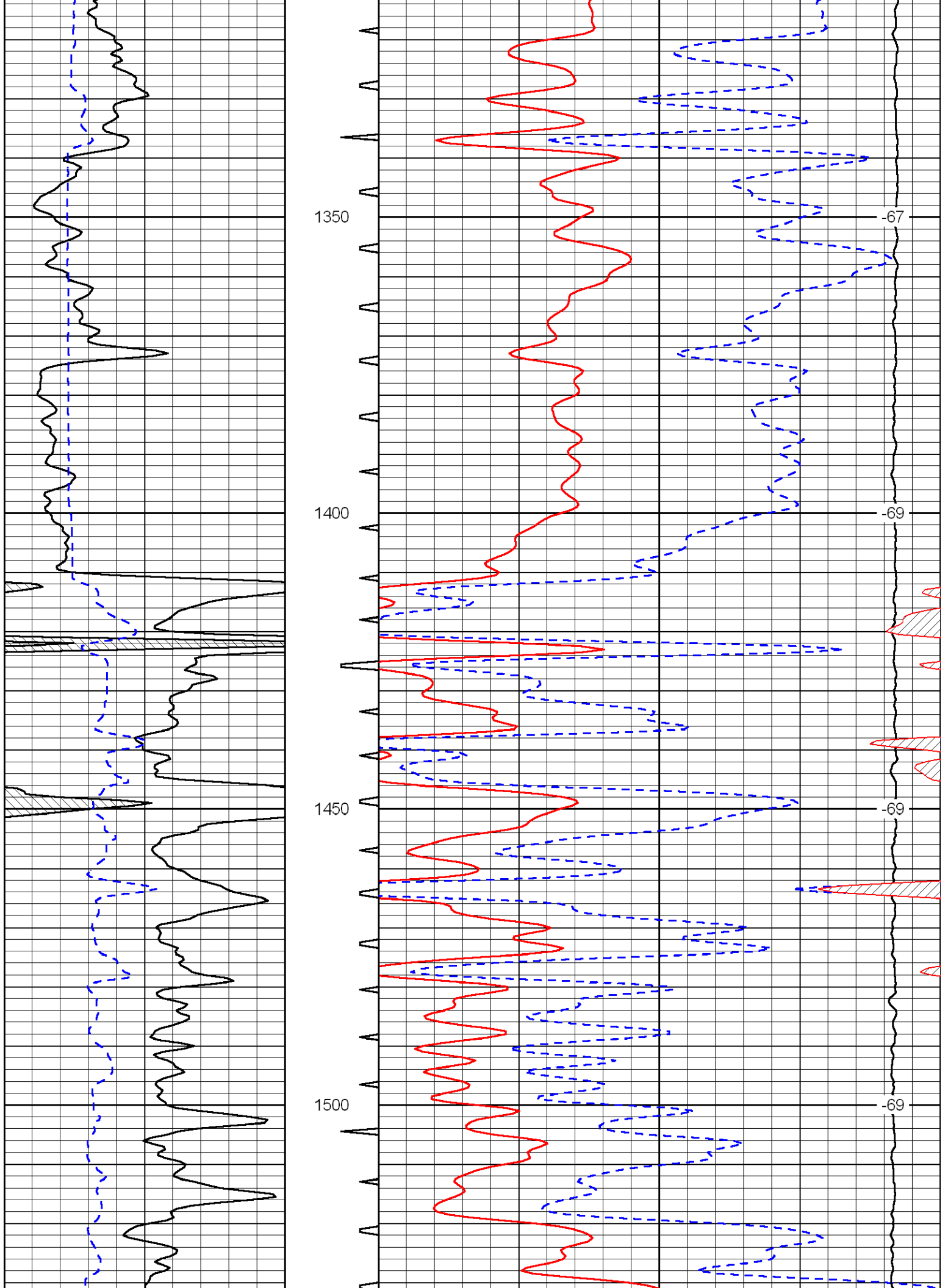


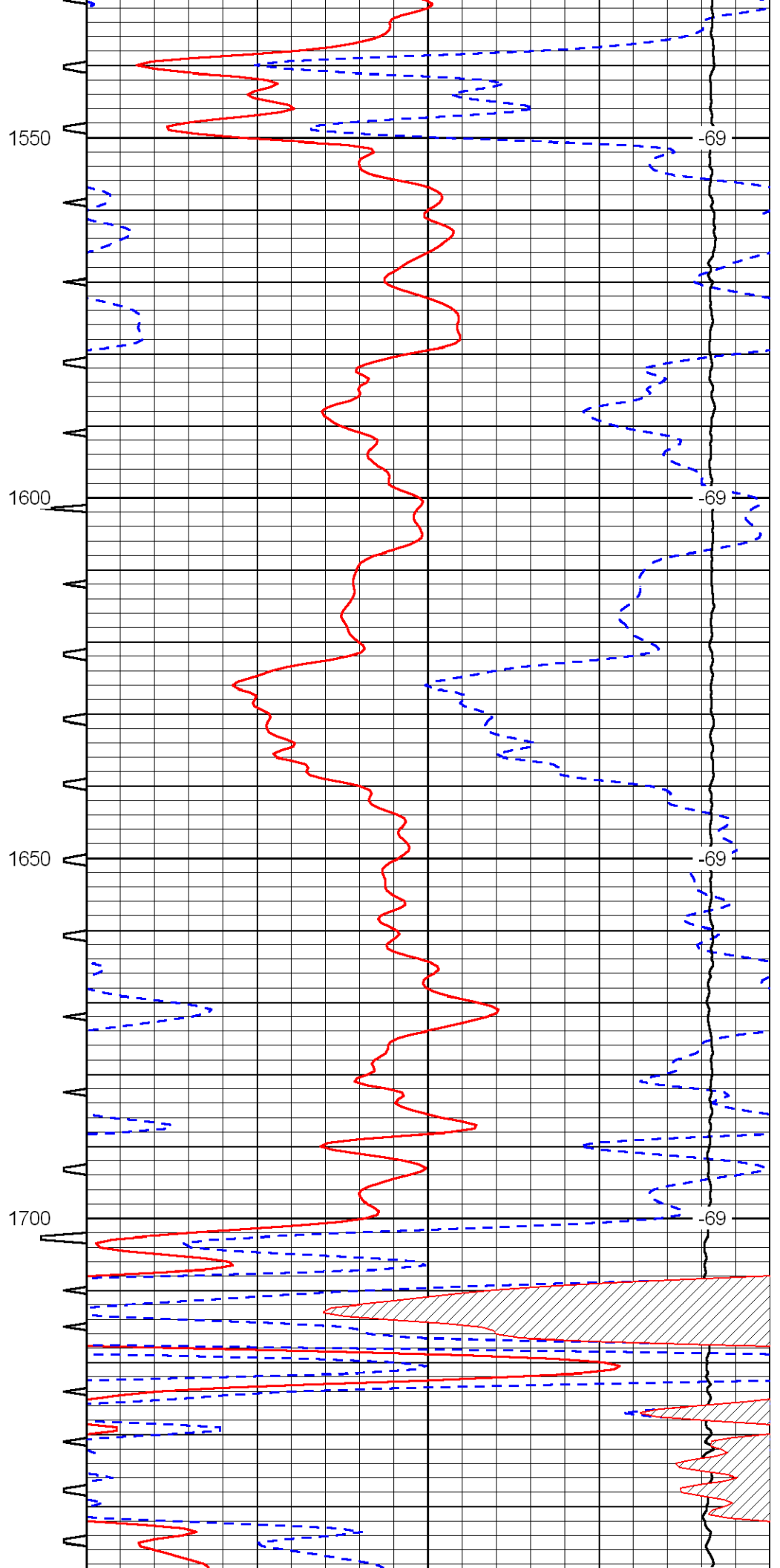
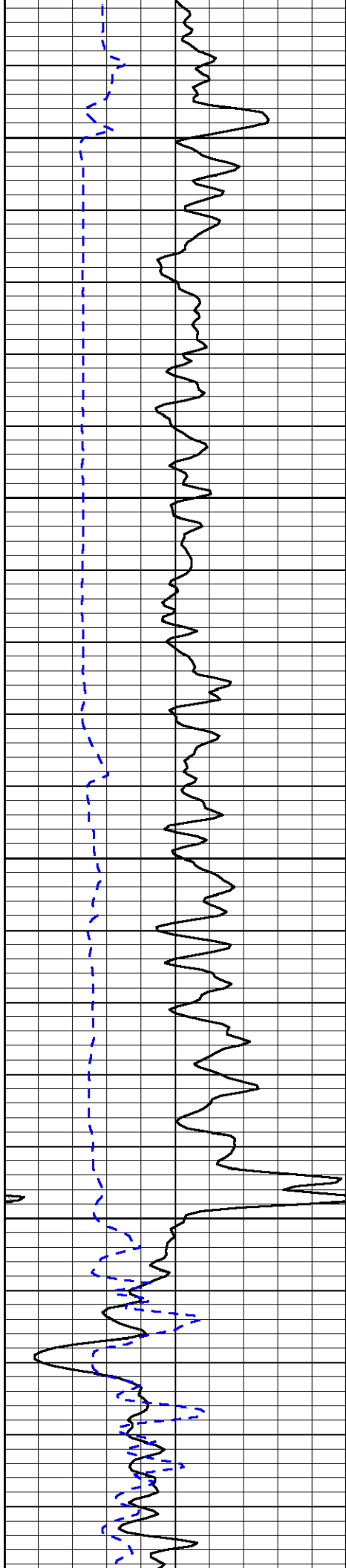


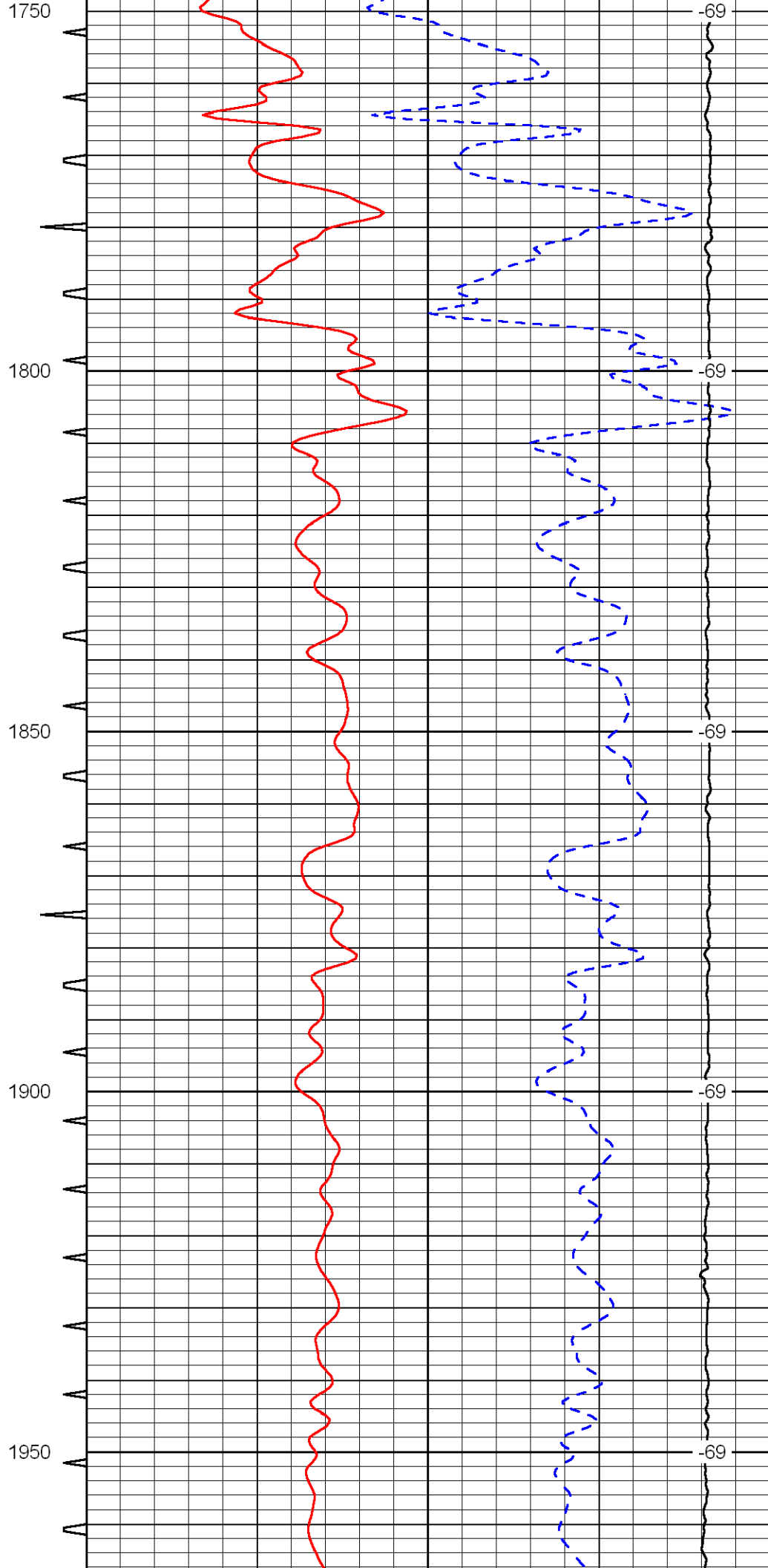
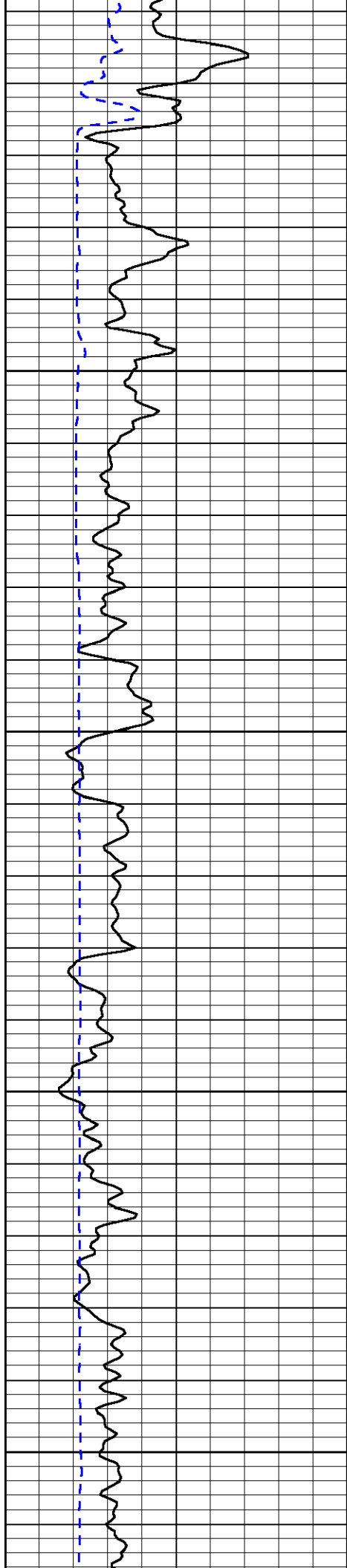


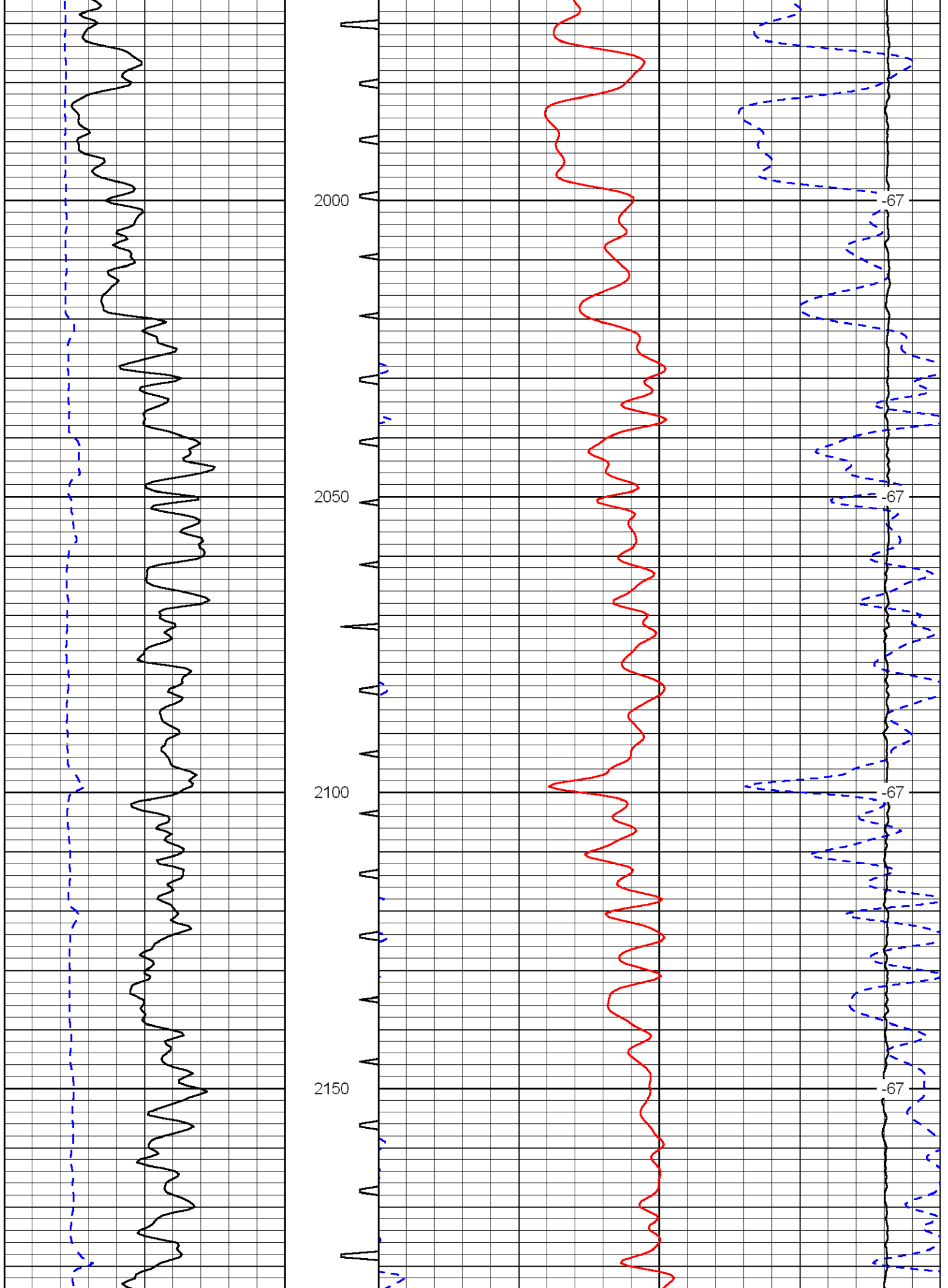


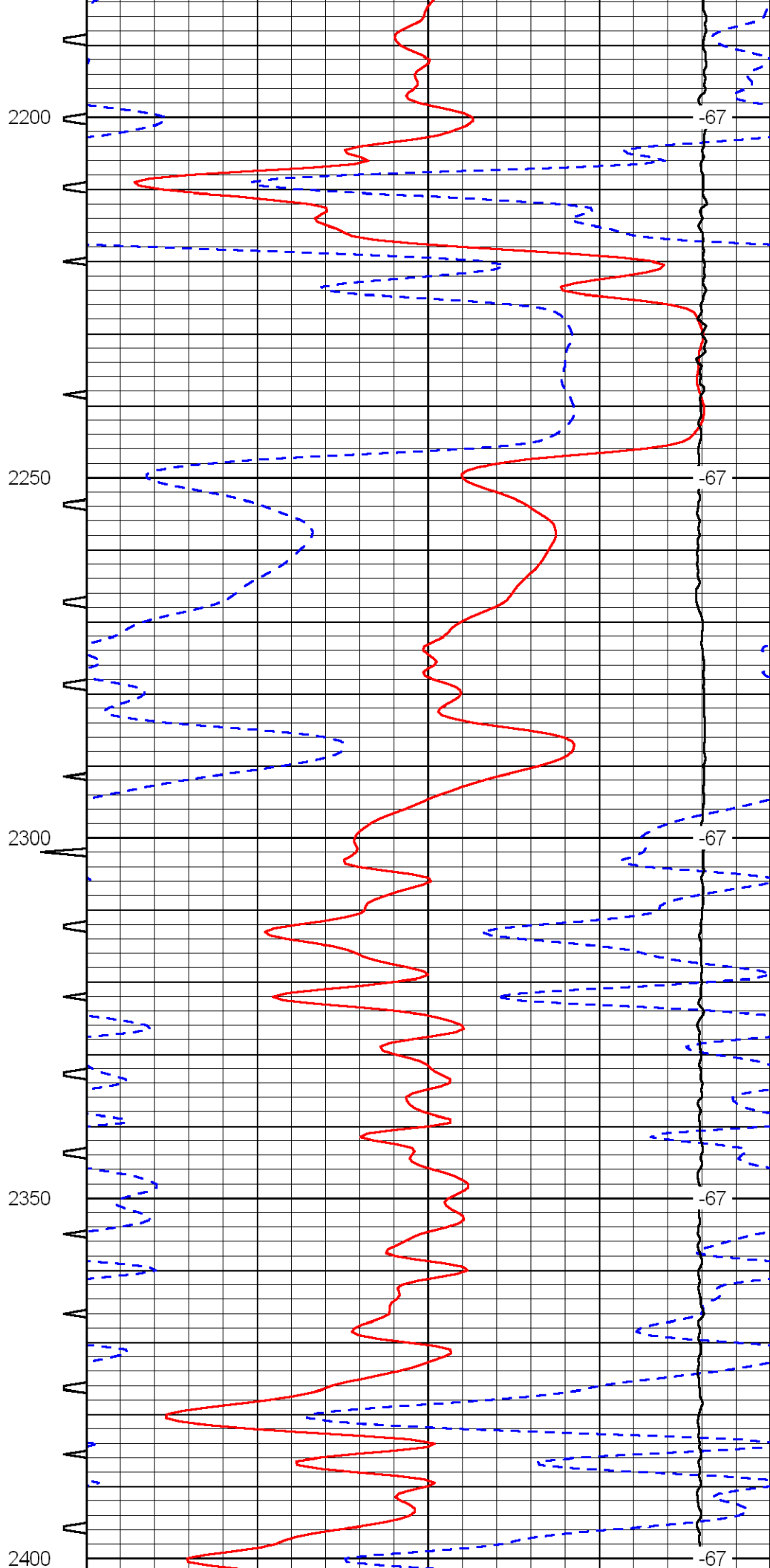
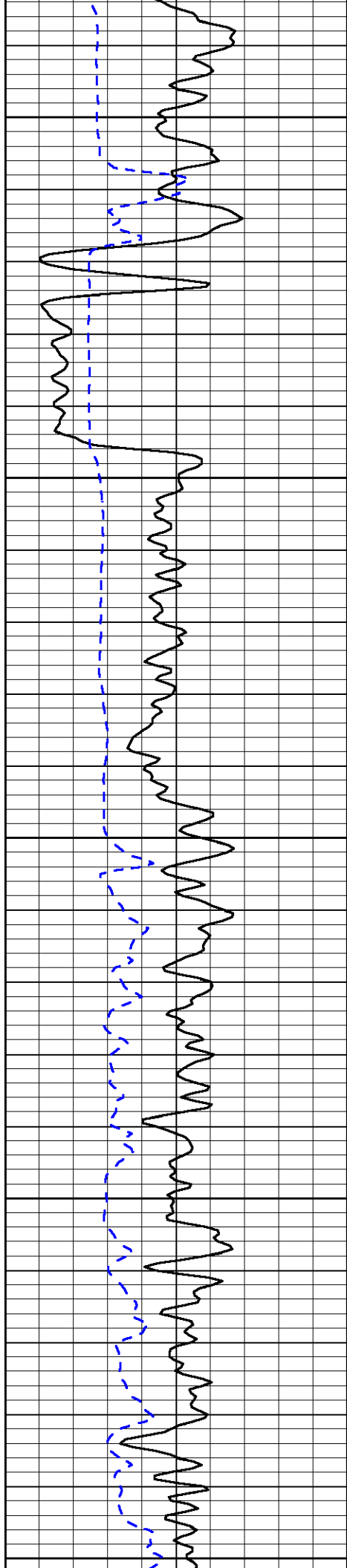


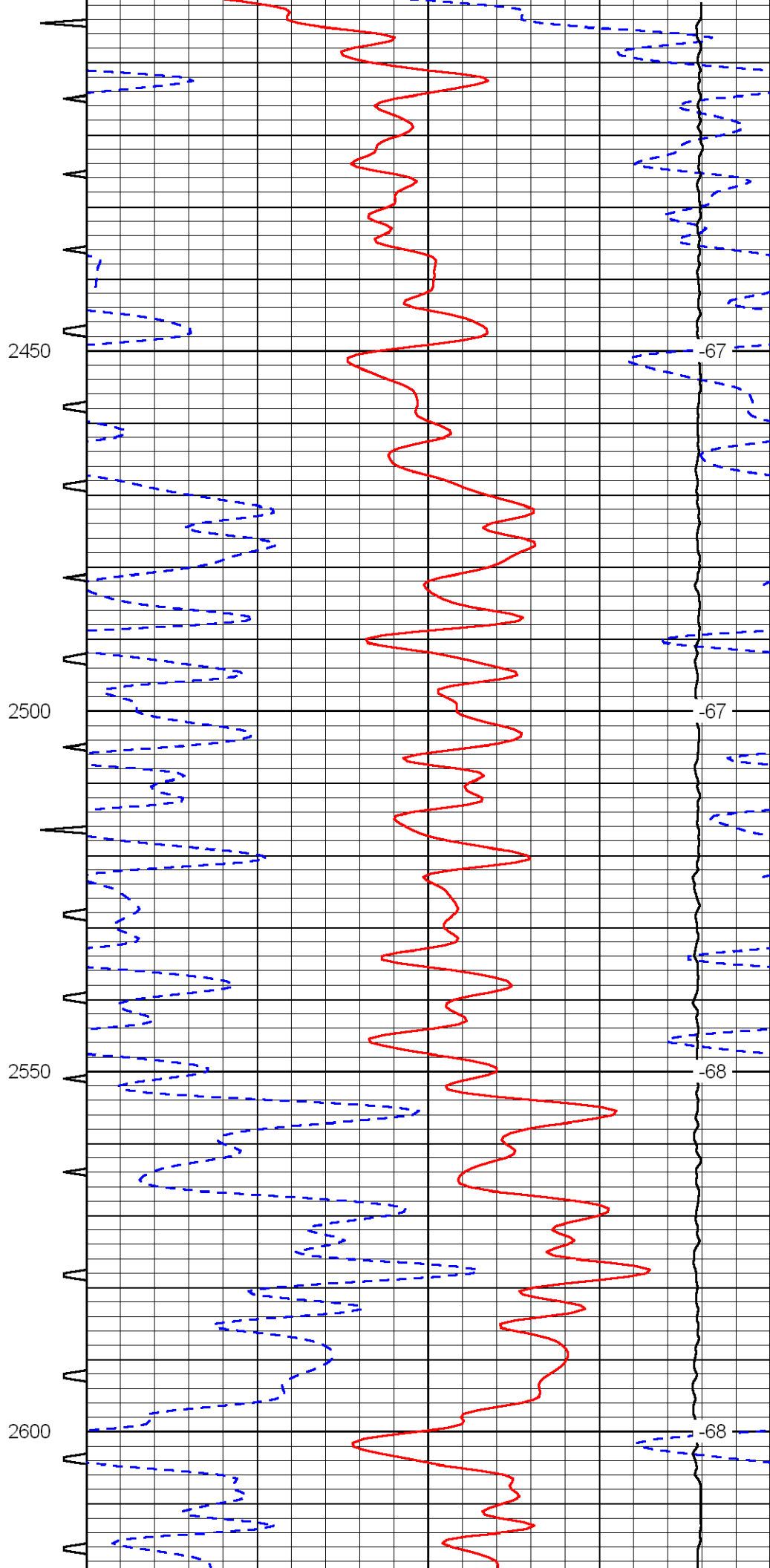
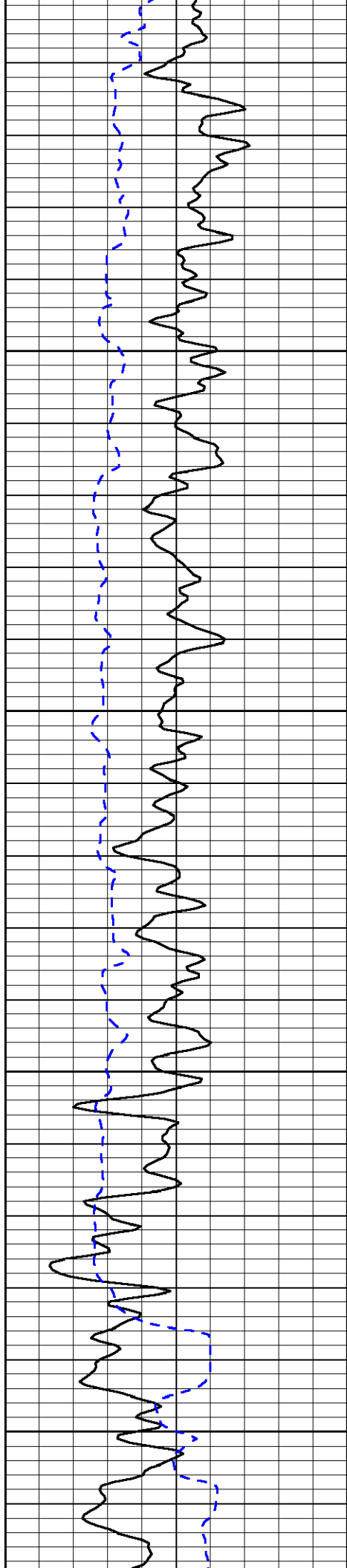


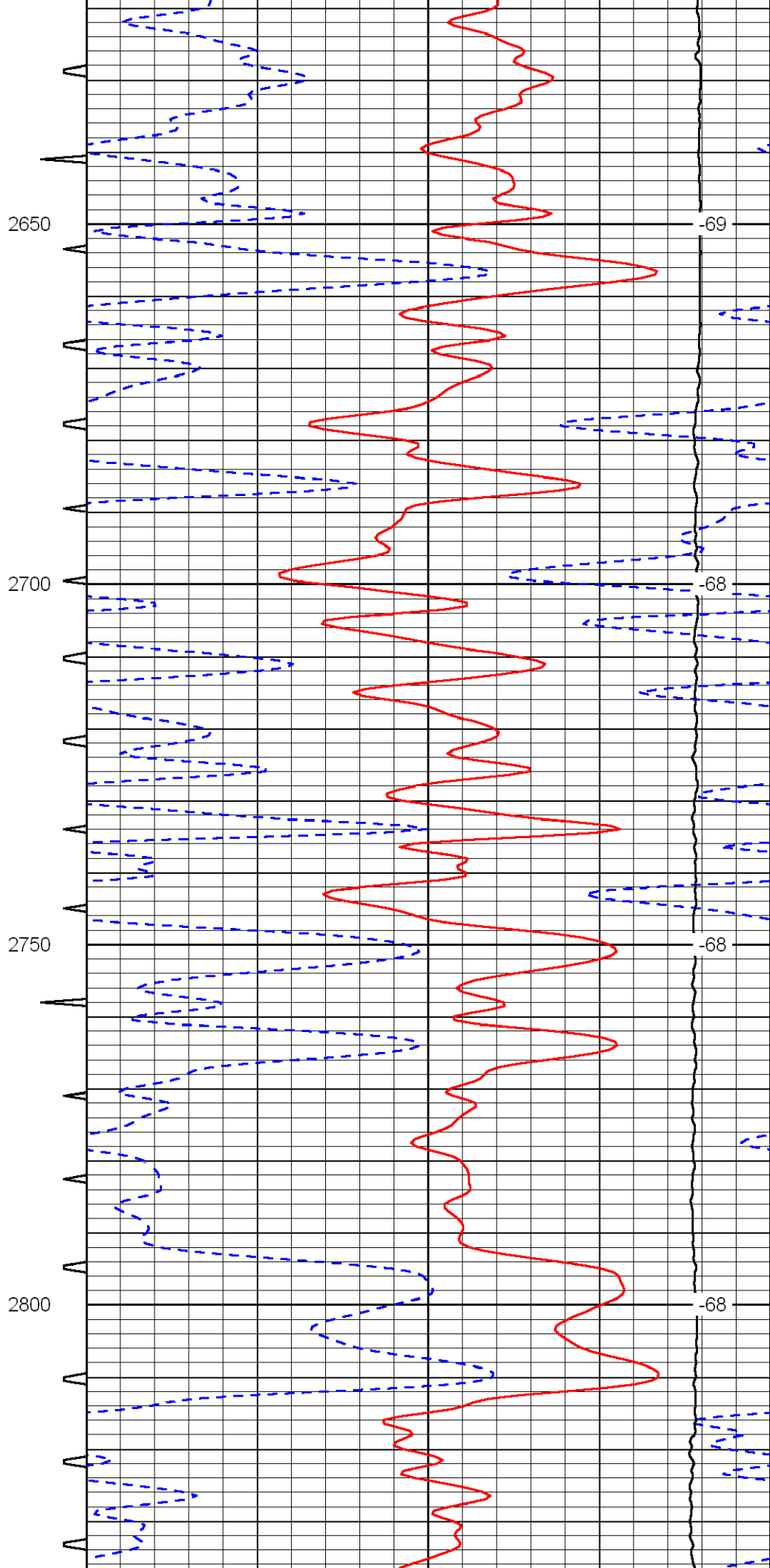
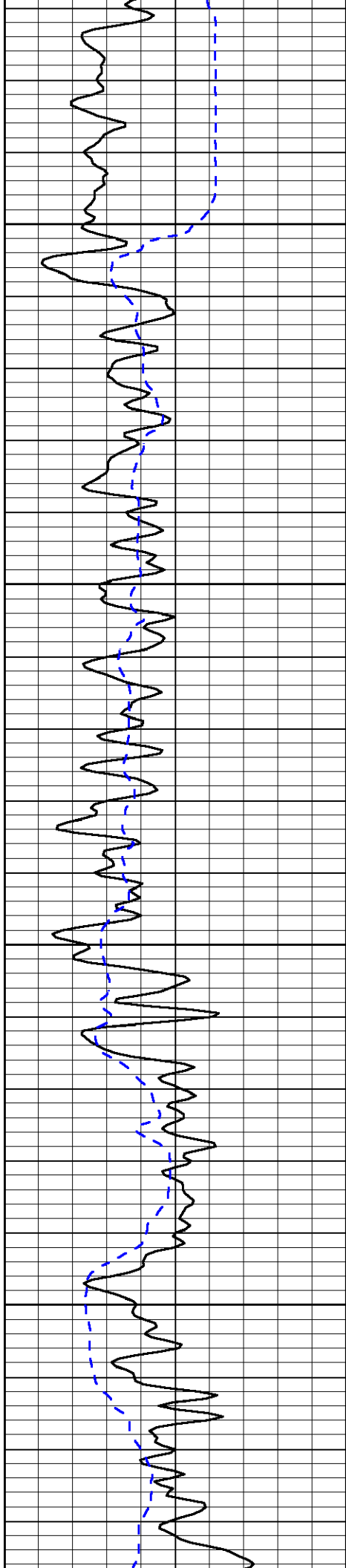


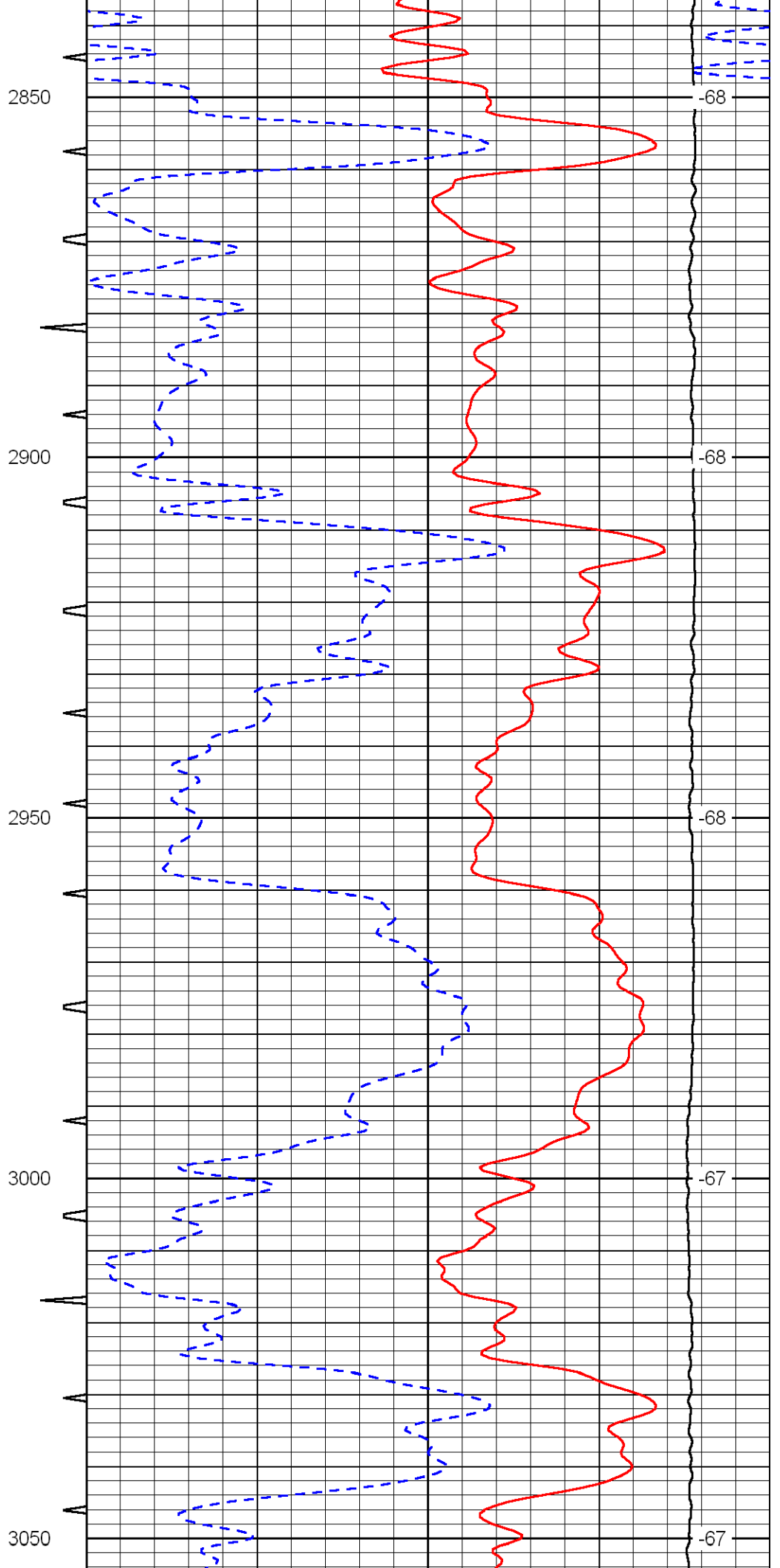
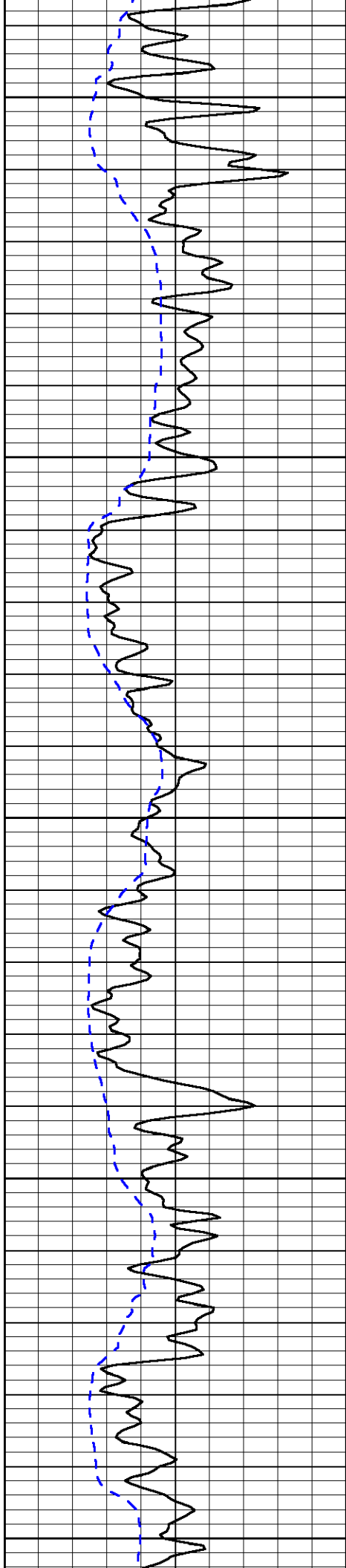


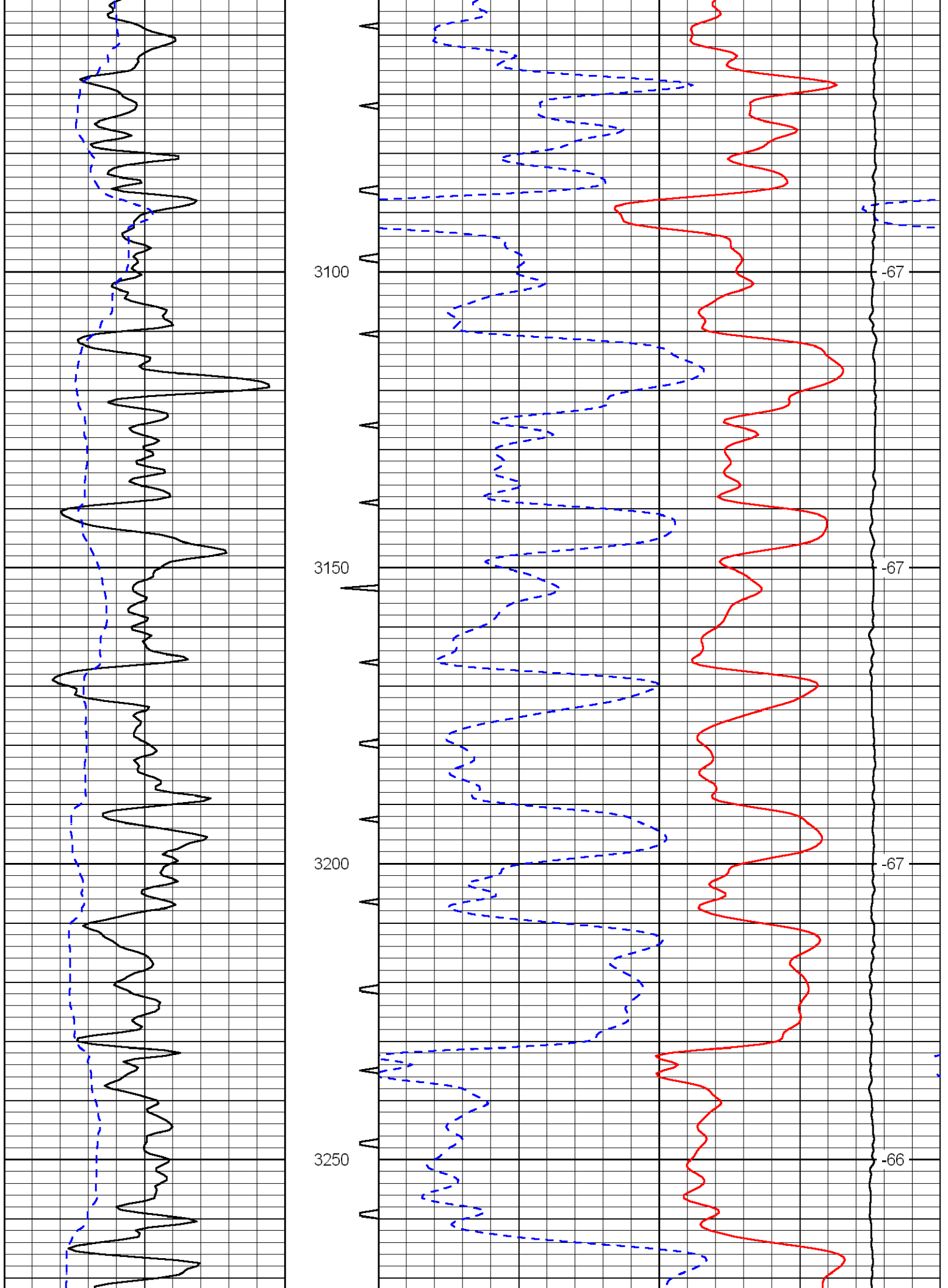


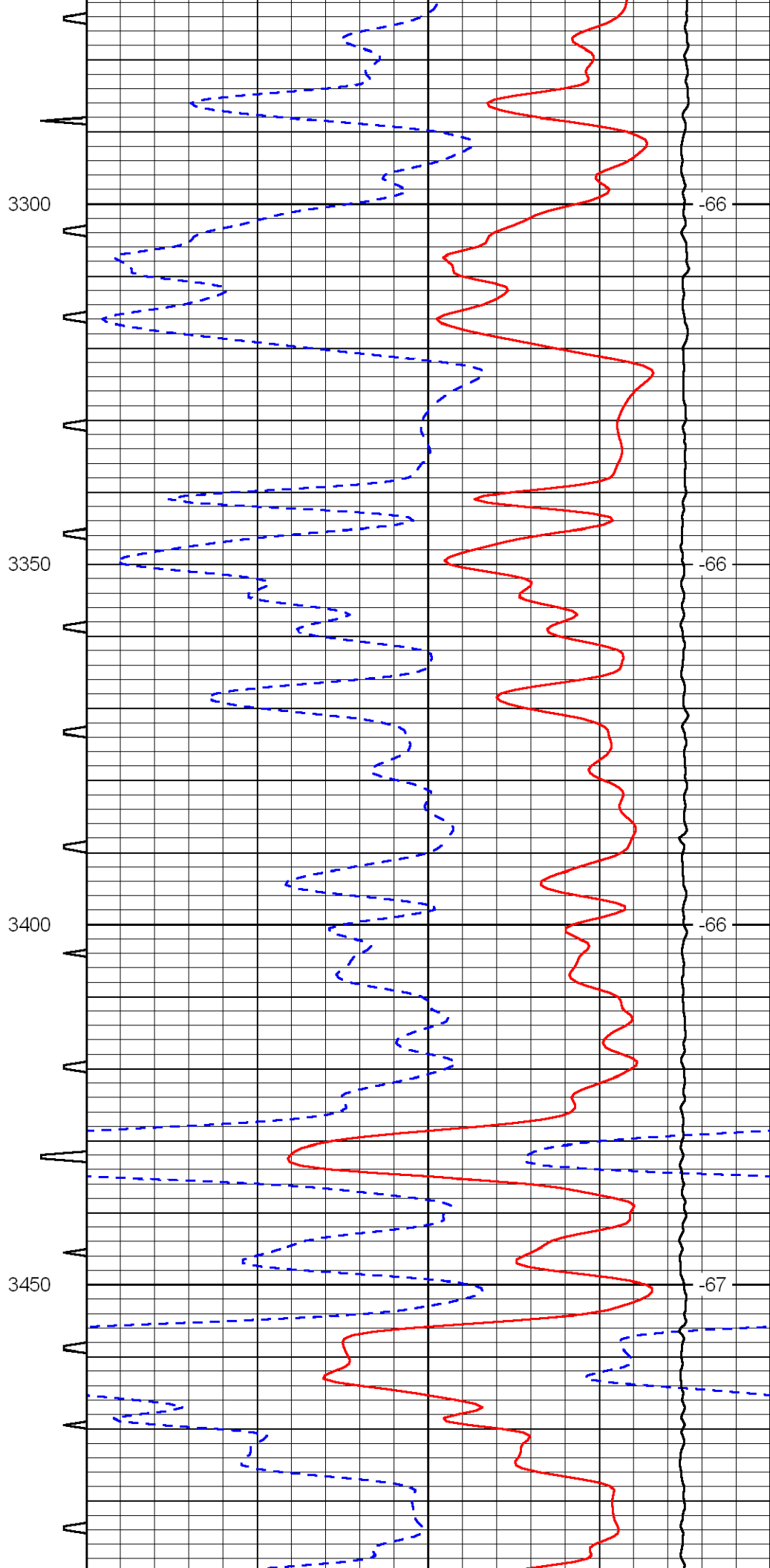
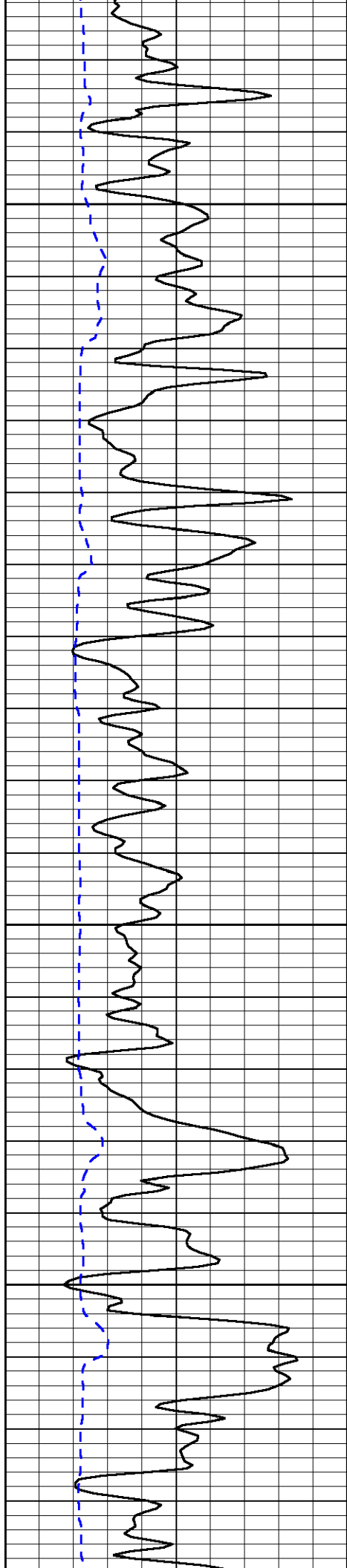


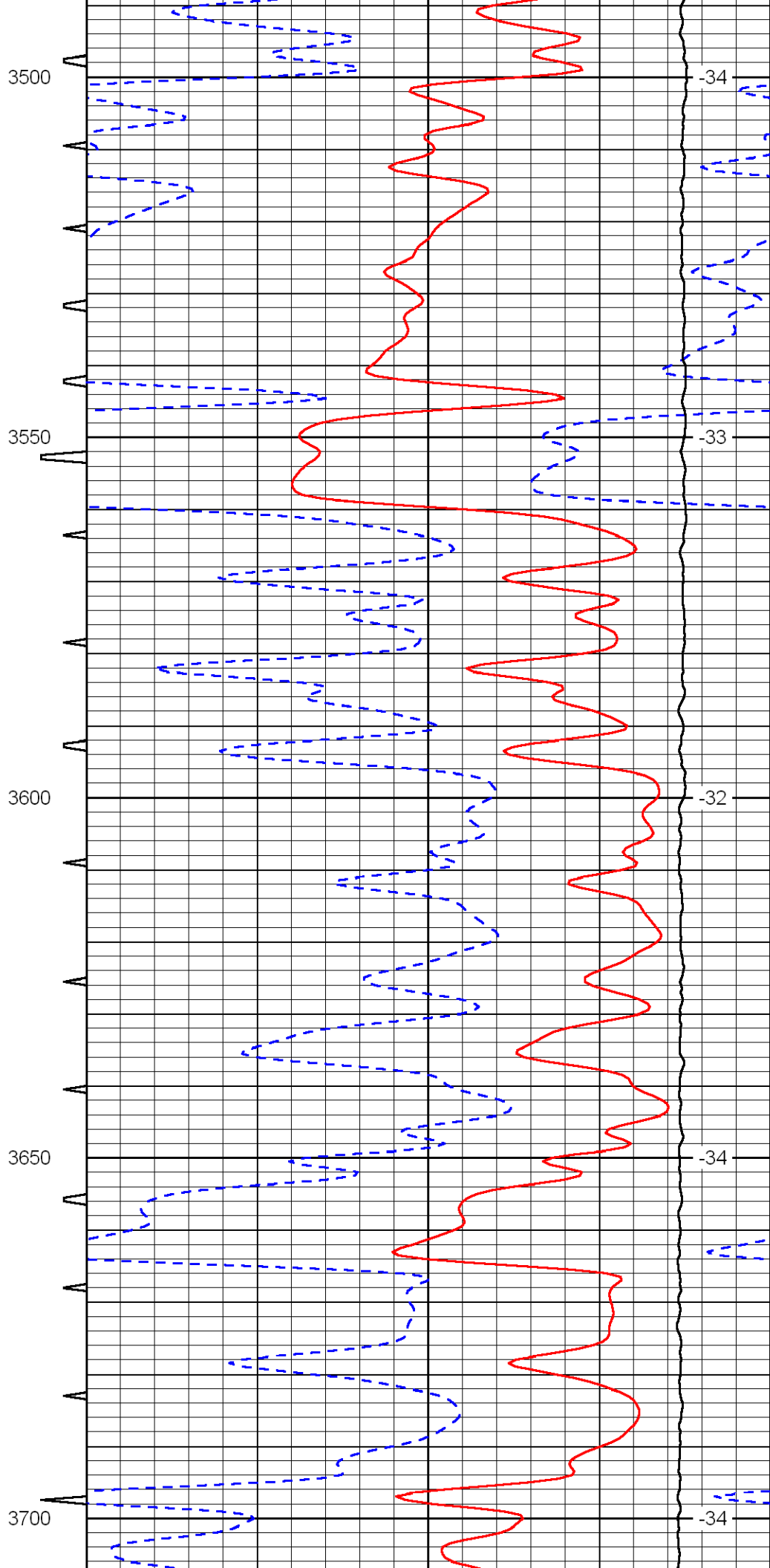
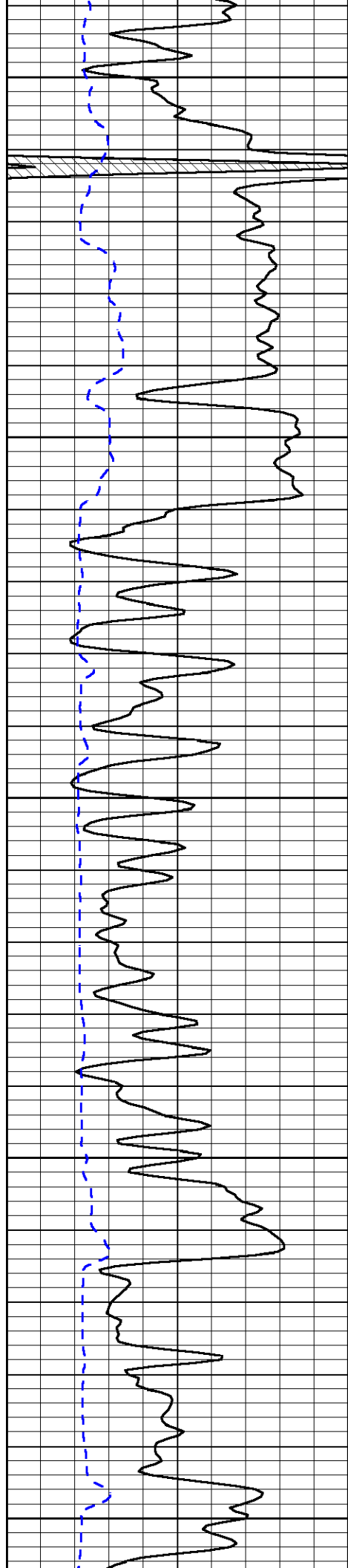


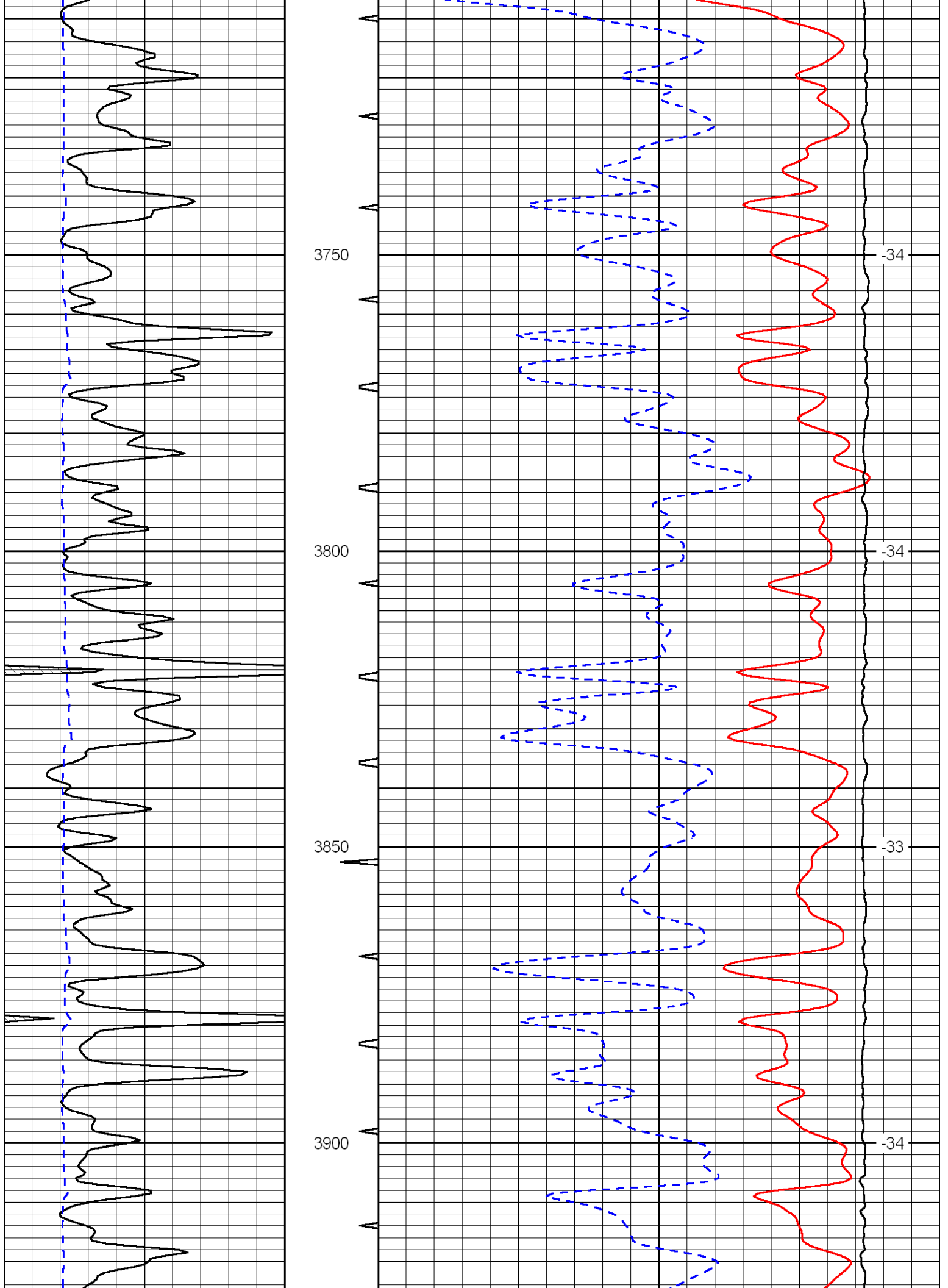


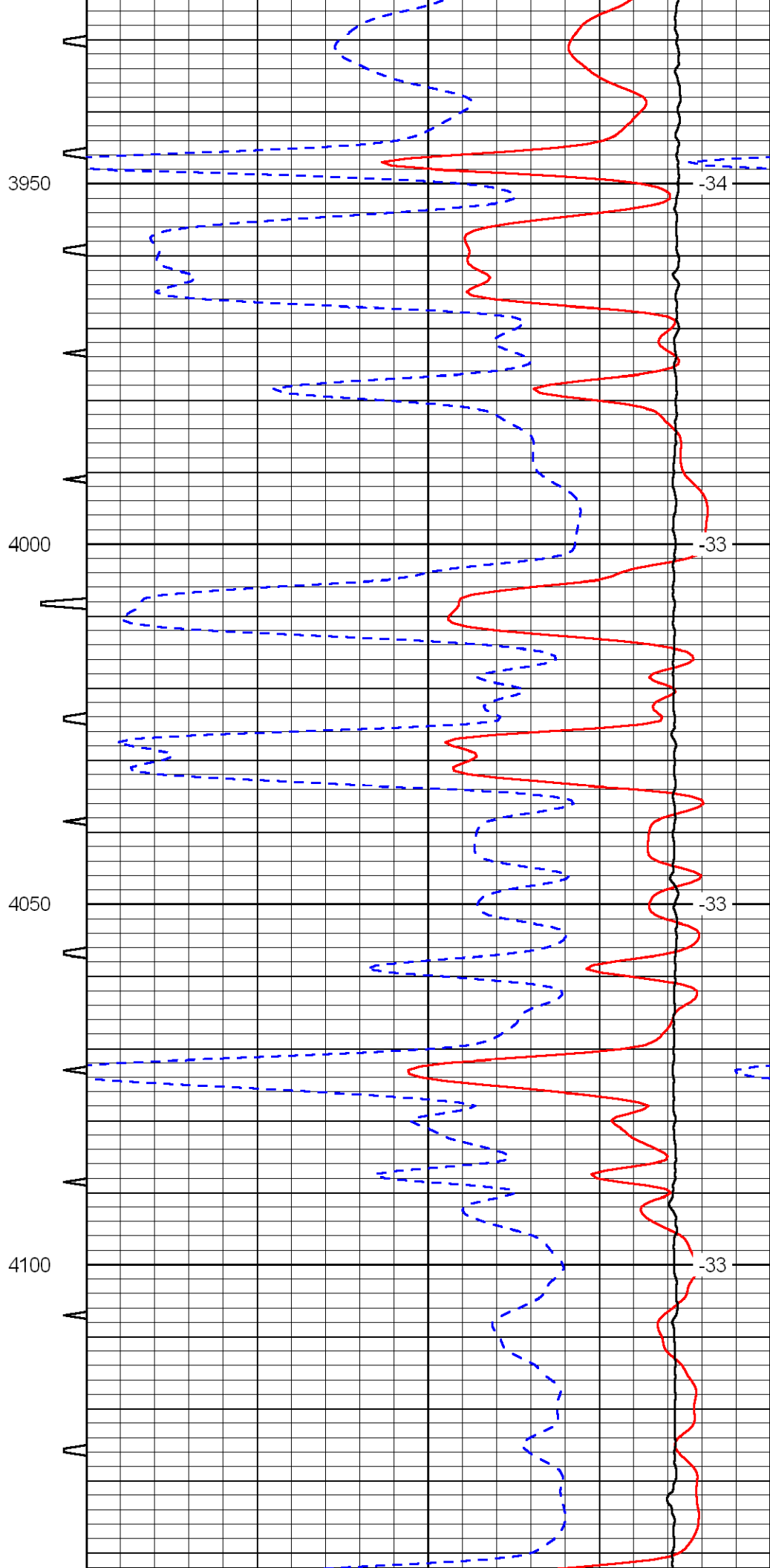
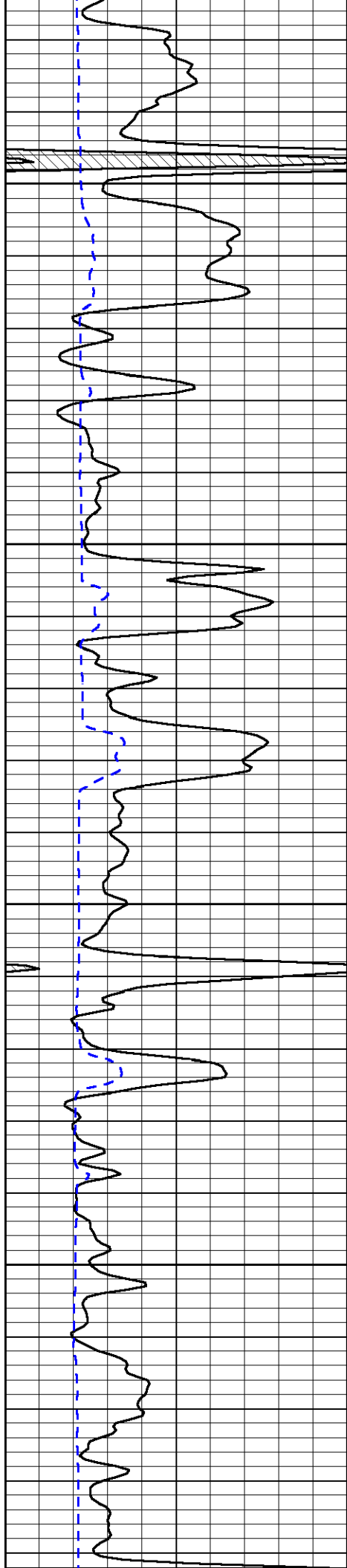


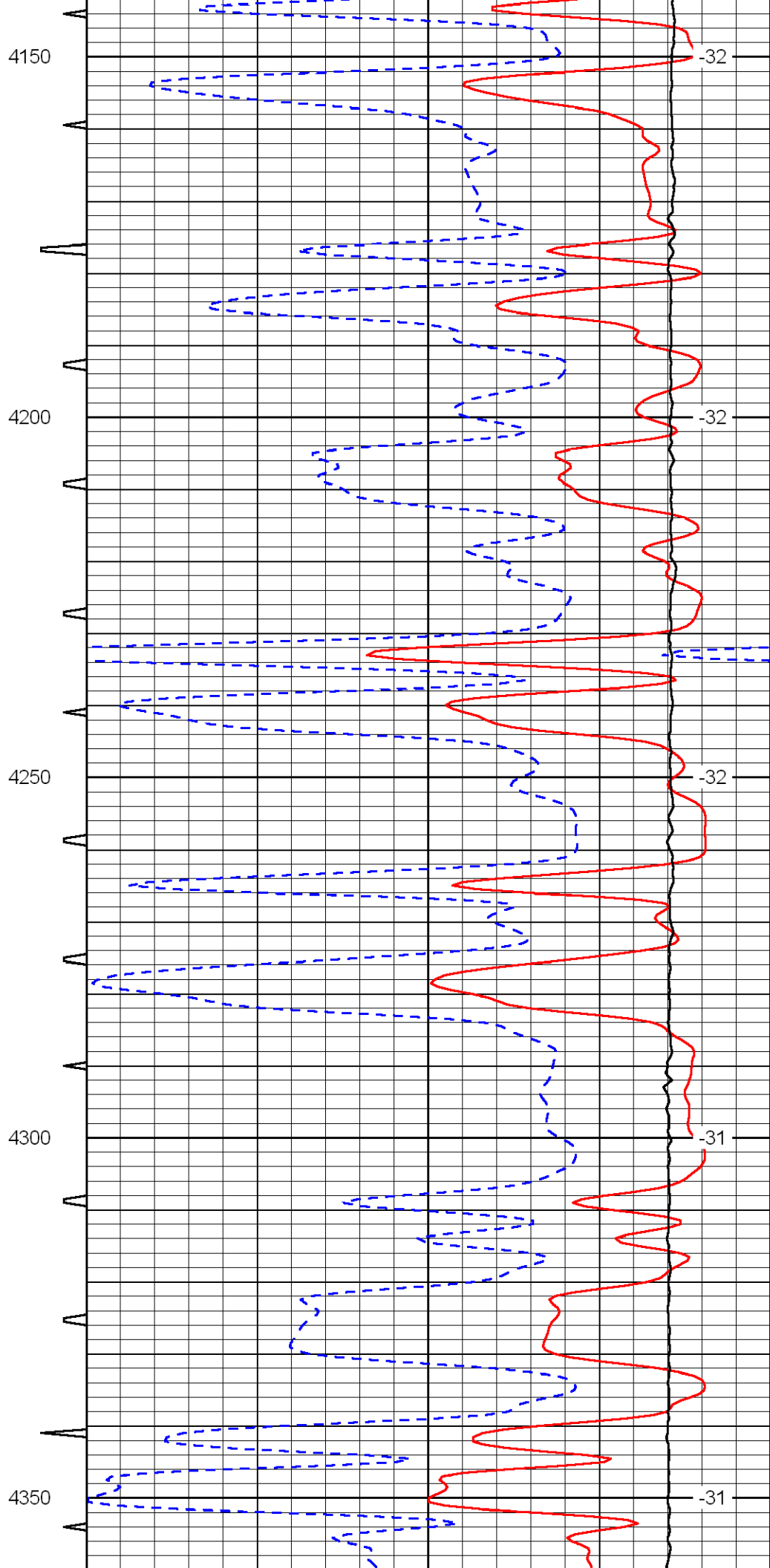
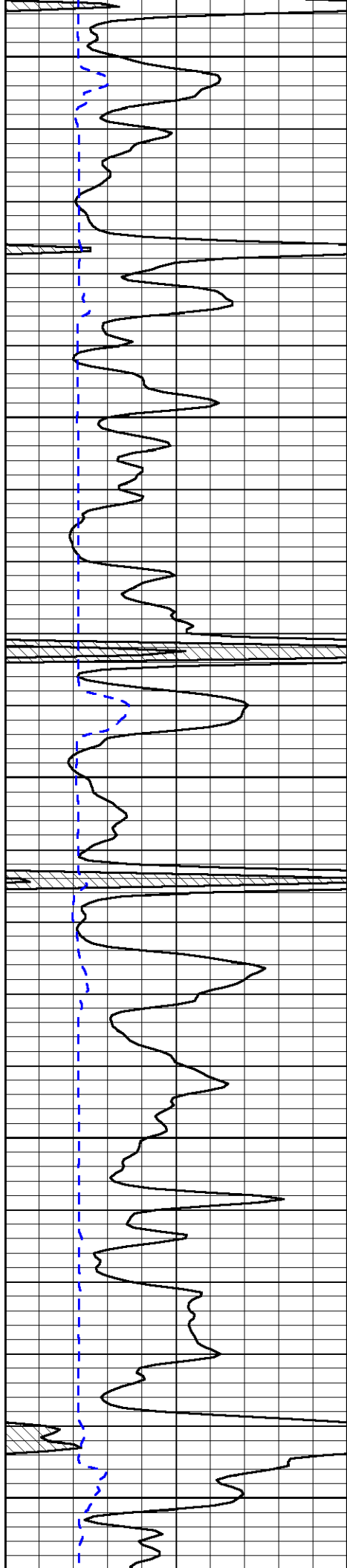


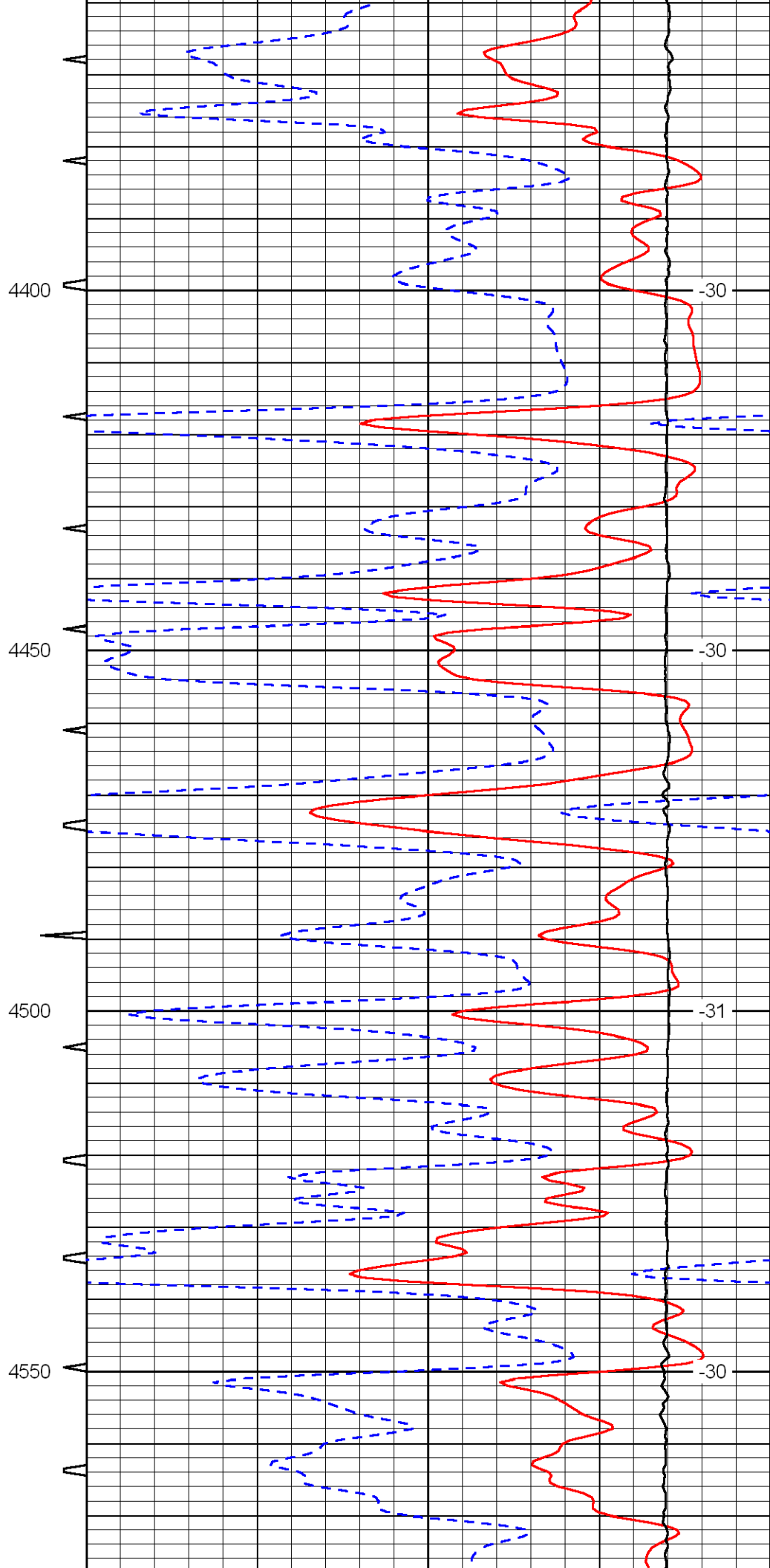
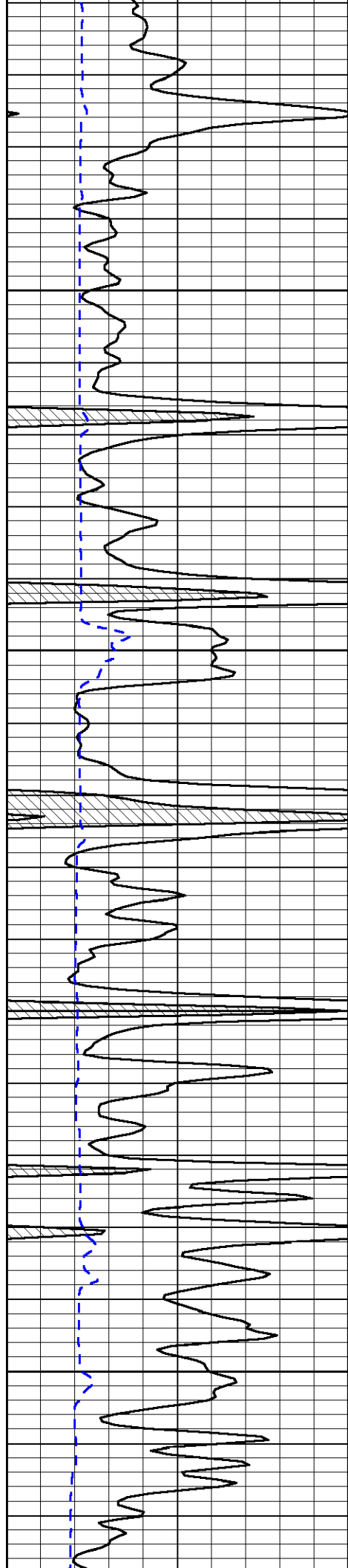


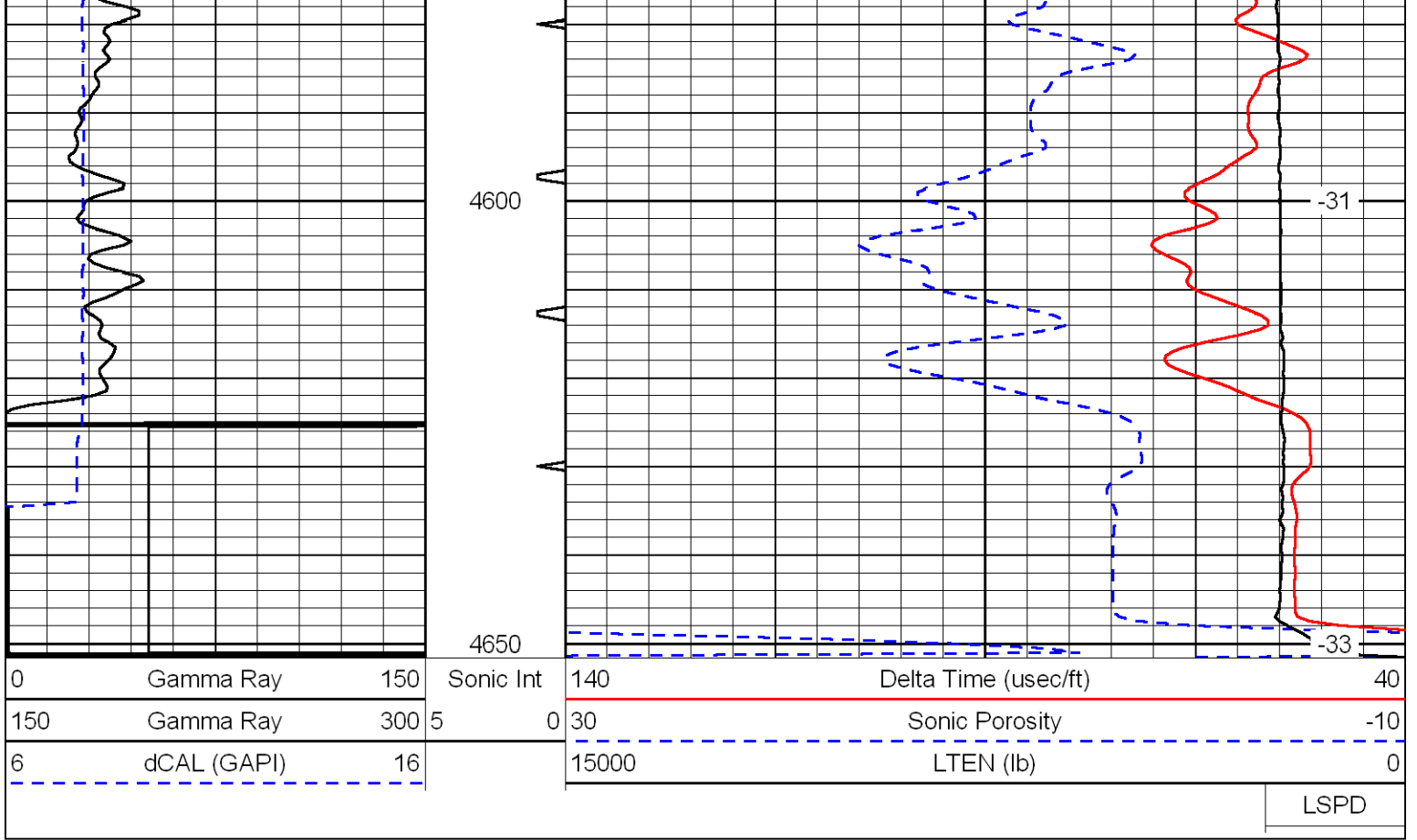














DIGITAL LOG (785) 625-3858

Dual Induction Log

API No. 15-101-22,363-00-00

Company **Credo Petroleum Corporation**
 Well **Ruby #1-35**
 Field **Lohoff East**
 County **Lane** State **Kansas**

Location **735' FNL / 535' FWL**

Sec: **35** Twp: **16S** Rge: **29W**

Permanent Datum **Ground Level** Elevation **2801**
 Log Measured From **Kelly Bushing** 5 Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

Other Services
 CNL/CDL
 MEL/BHCS

Elevation
 K.B. 2806
 D.F. G.L. 2801

Date	4/14/2012
Run Number	One
Depth Driller	4644
Depth Logger	4646
Bottom Logged Interval	4645
Top Log Interval	250
Casing Driller	8.625 @ 255
Casing Logger	255
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	2000
Density / Viscosity	9.3 55
pH / Fluid Loss	10.0 6.8
Source of Sample	Flowline
Rm @ Meas. Temp	1.00 @ 67
Rmf @ Meas. Temp	0.75 @ 67
Rmc @ Meas. Temp	1.35 @ 67
Source of Rmf / Rmc	Charts
Rm @ BHT	0.55 @ 122
Operating Rig Time	5 Hours
Max Rec. Temp. F	122
Equipment Number	15
Location	Hays
Recorded By	R. Barnhart
Witnessed By	Bruce Ard

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Comments

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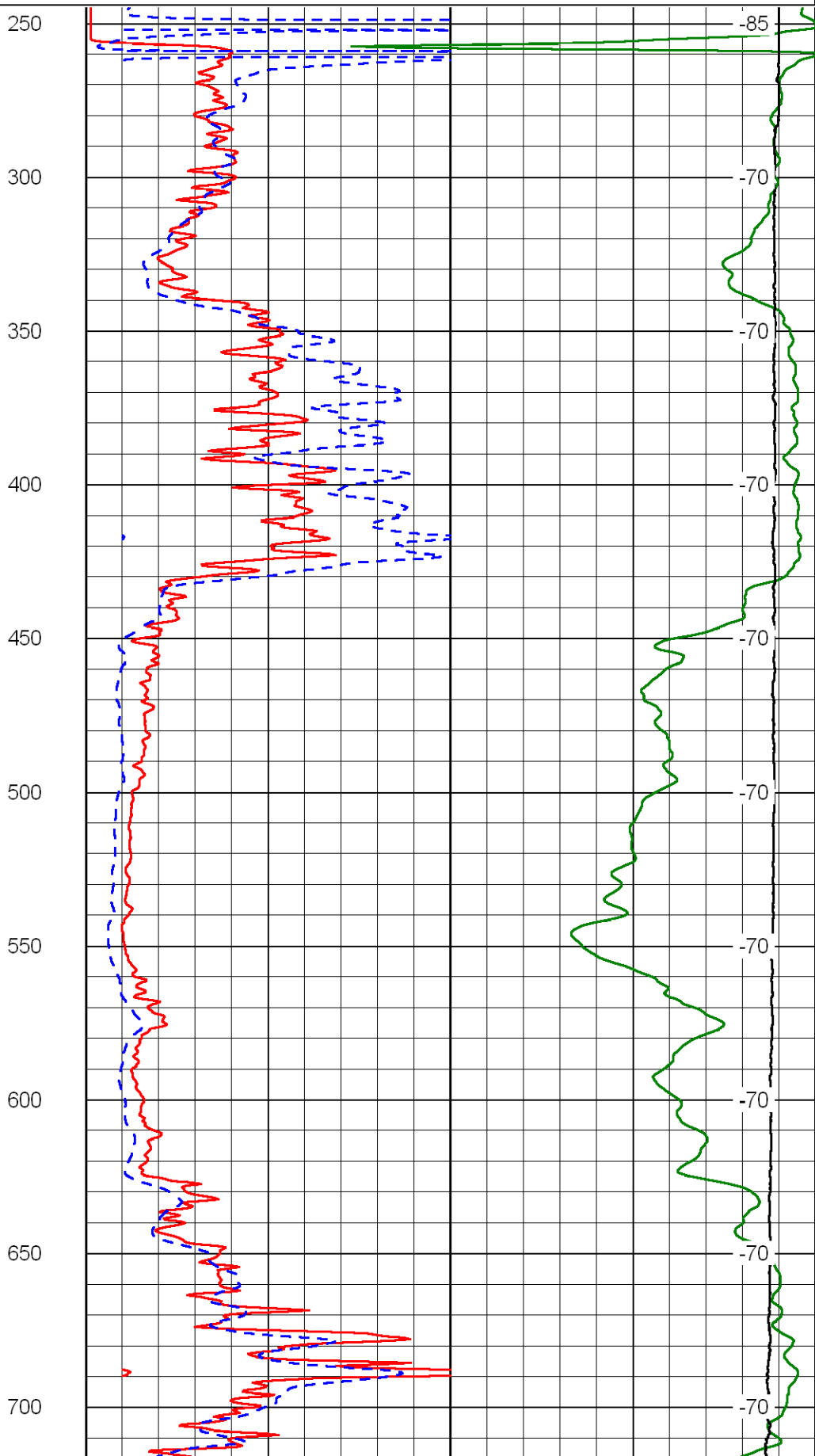
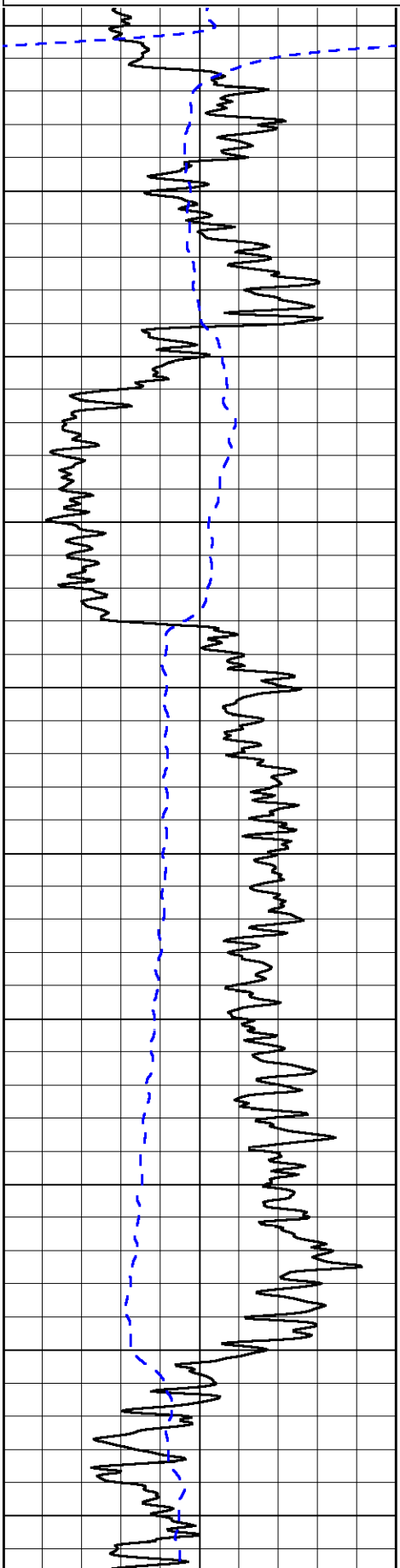
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 E to Hwy 23, 1N,
 1/16E, S into

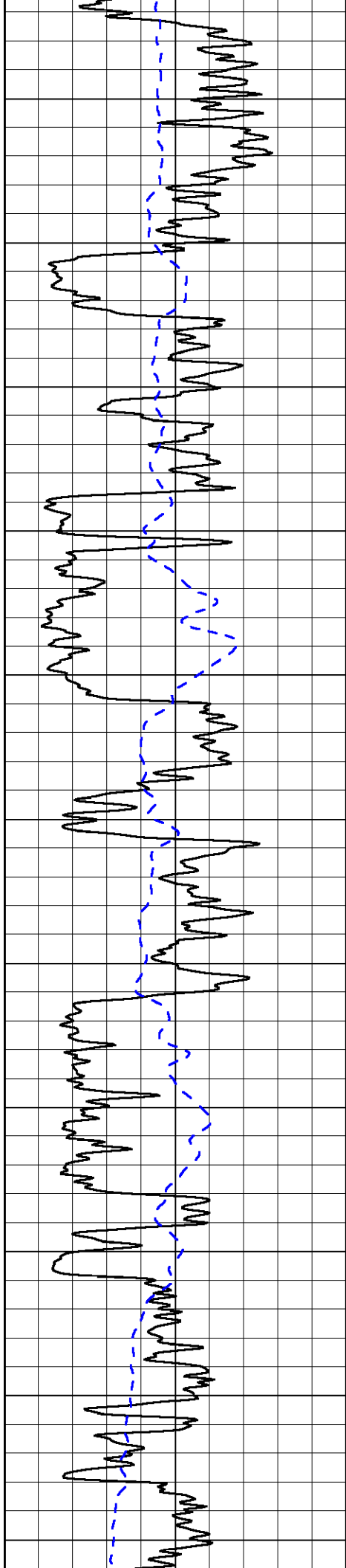
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 Charted by: Depth in Feet scaled 1:600

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-200	SP	0

0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0

50	Shallow Resistivity	500
50	Deep Resistivity	500





750

800

850

900

950

1000

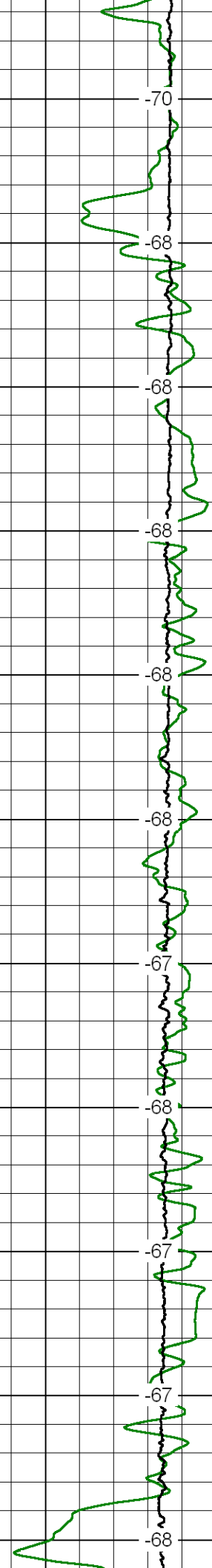
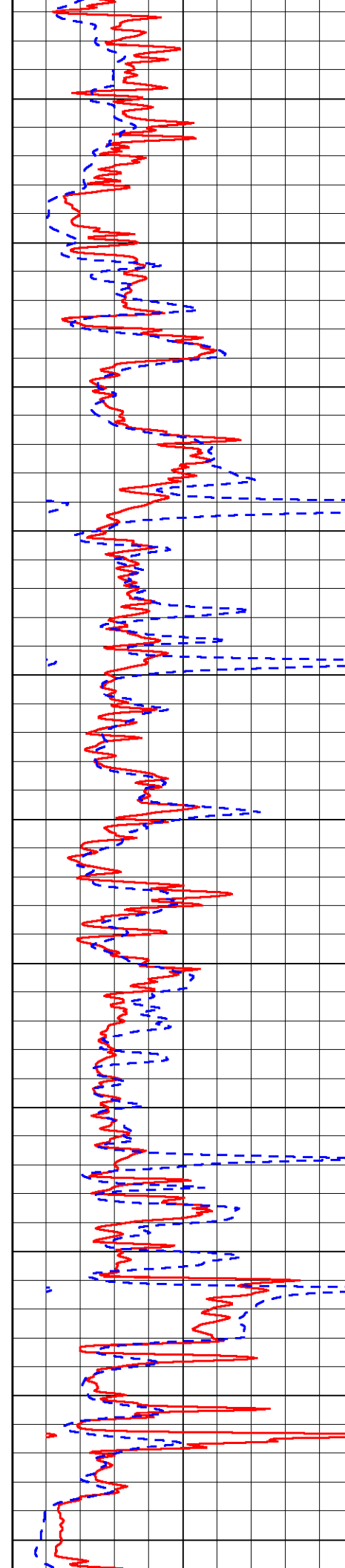
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1100

1150

1200

1250



-70

-68

-68

-68

-68

-68

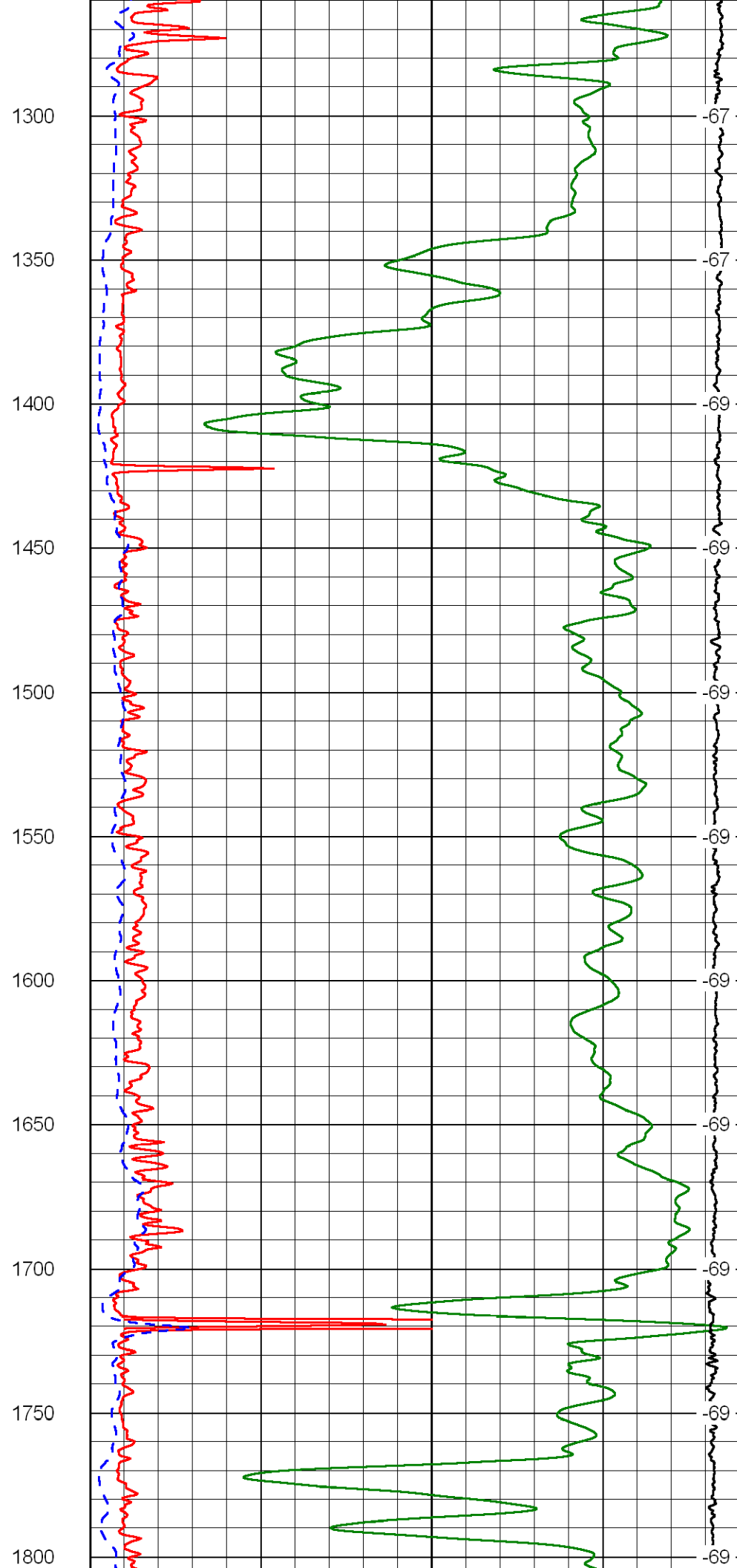
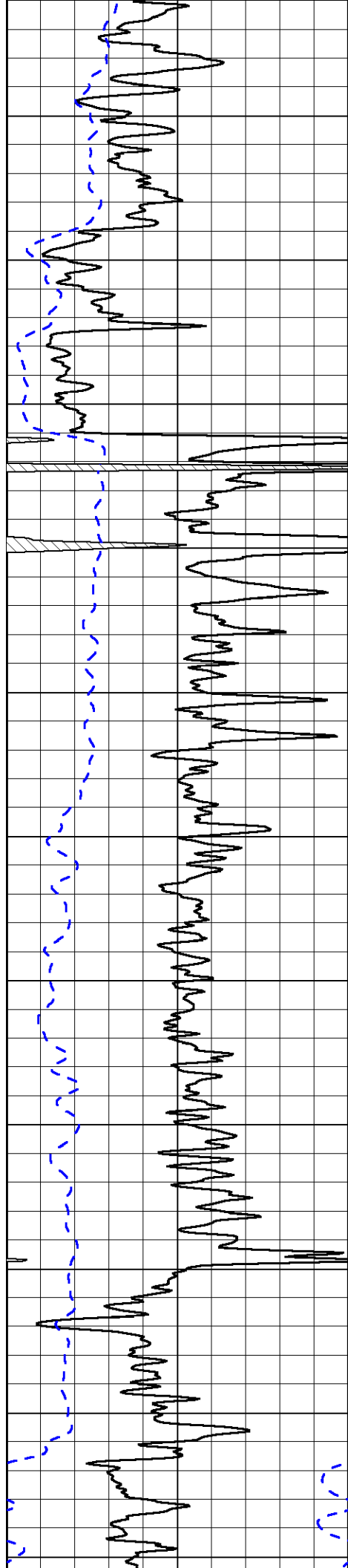
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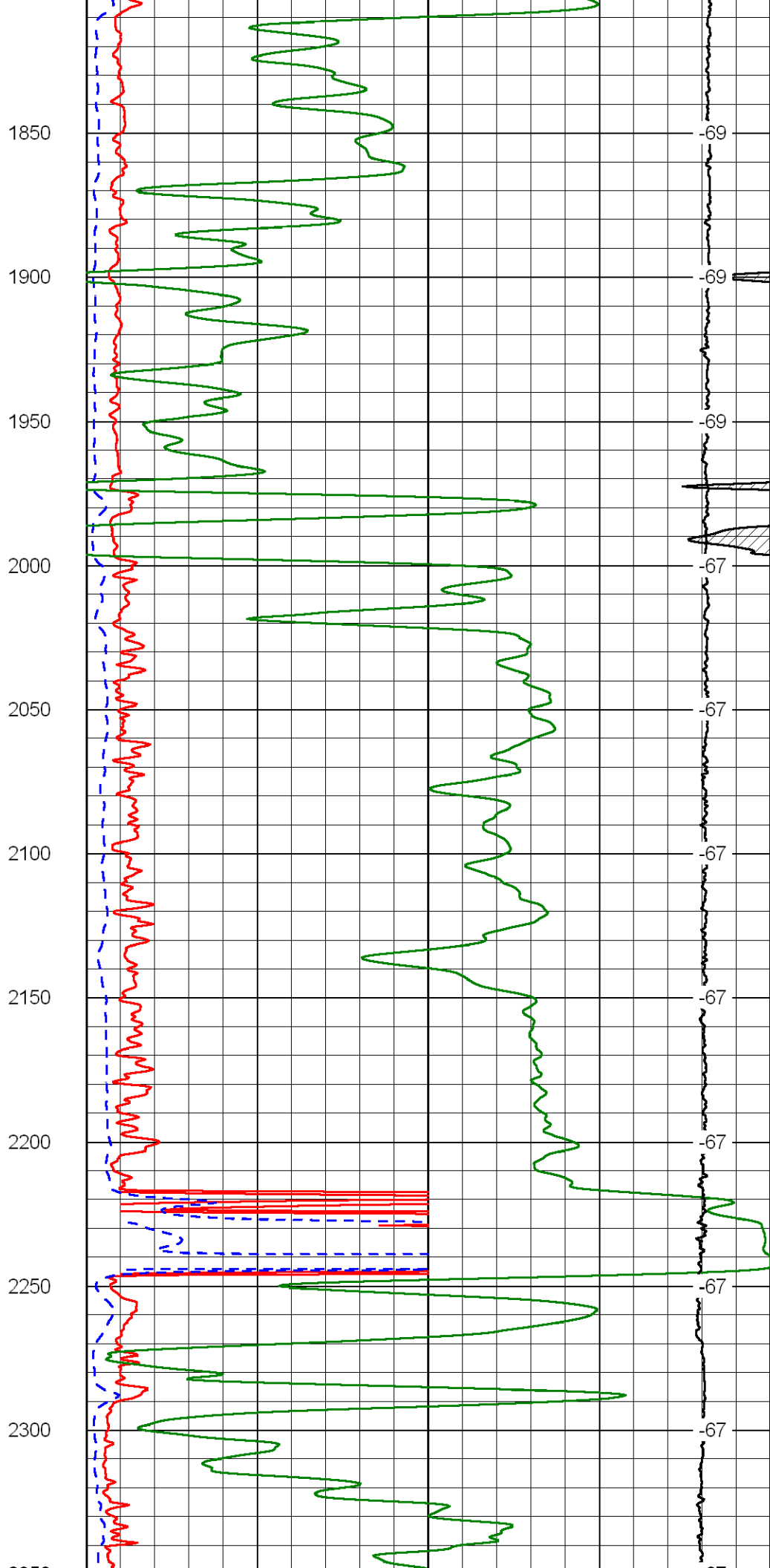
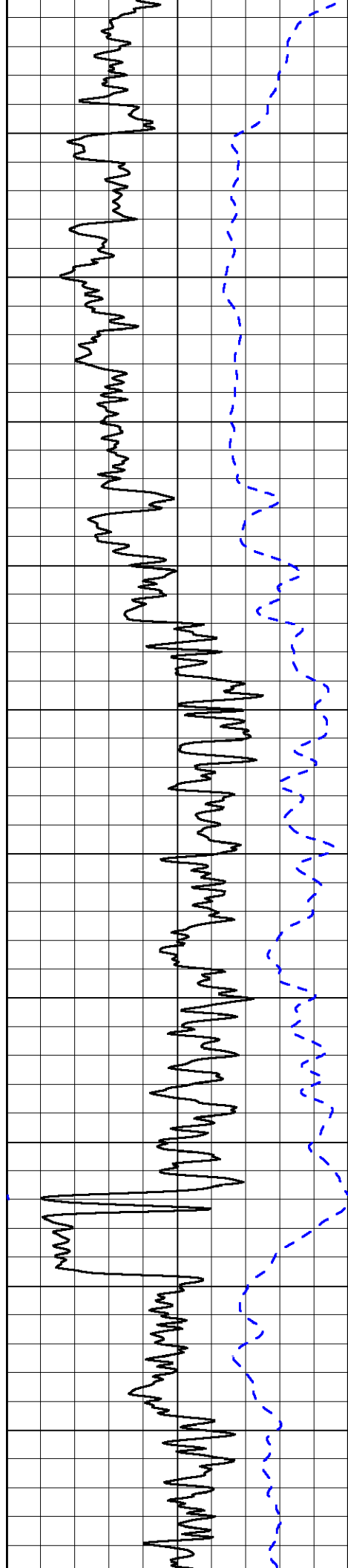
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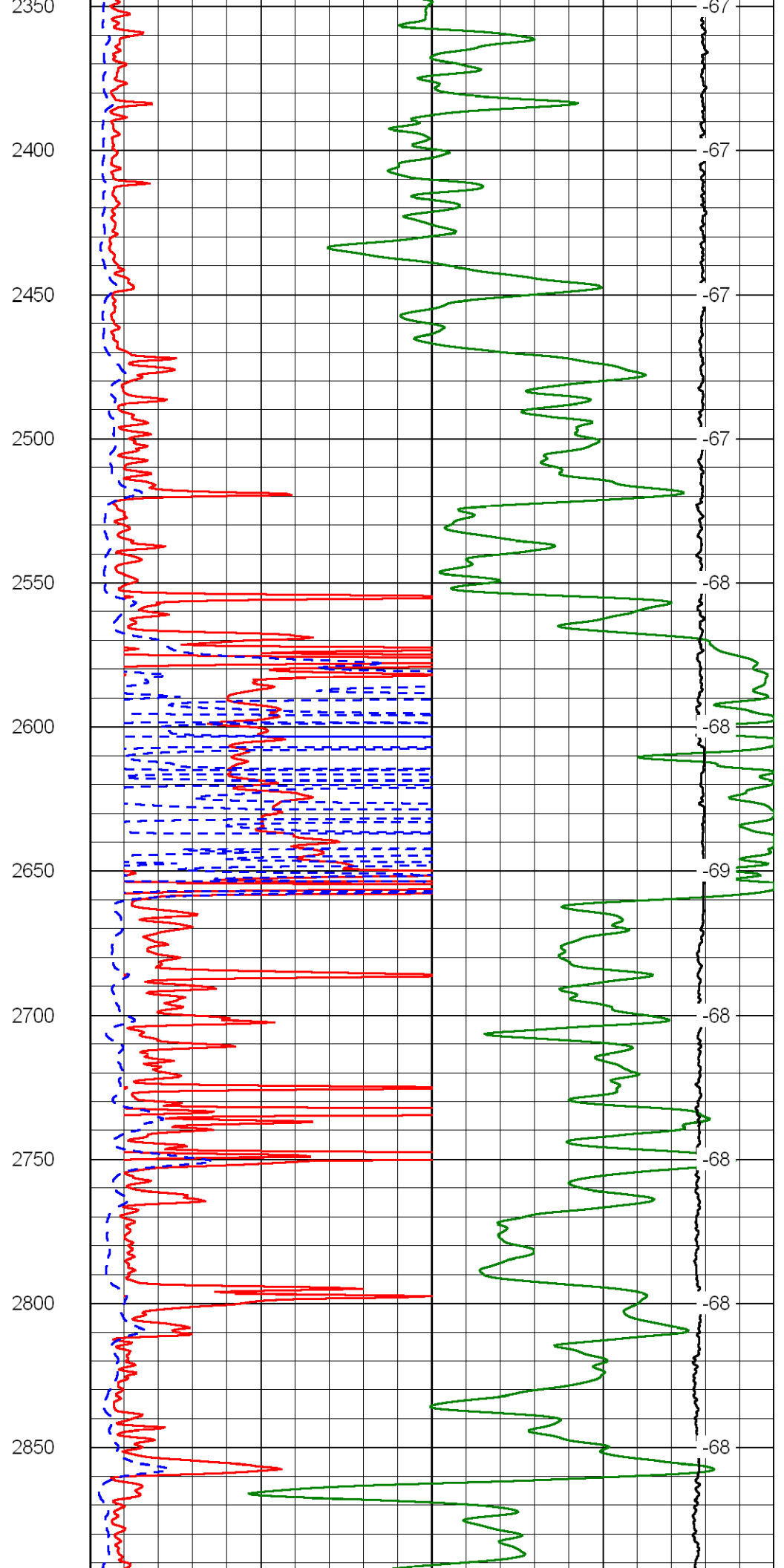
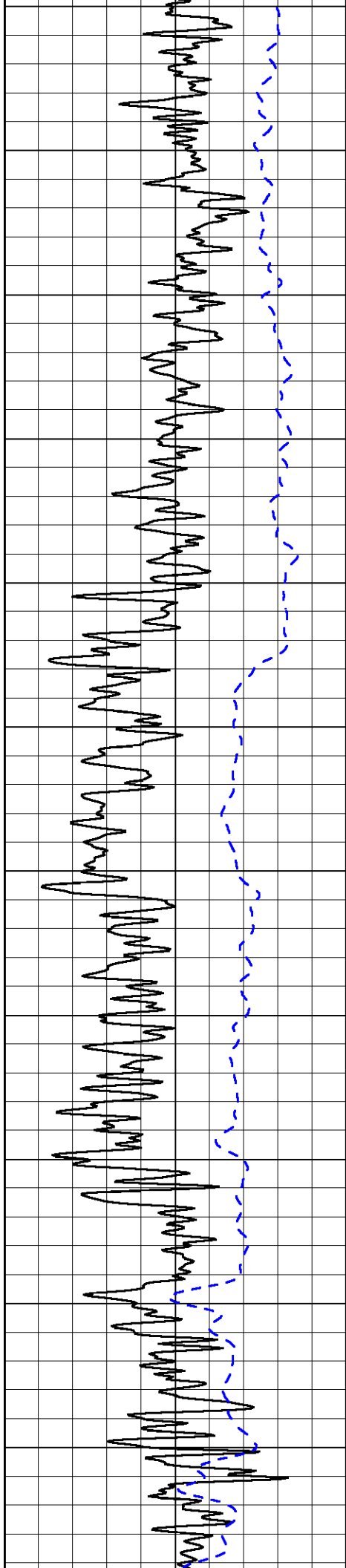
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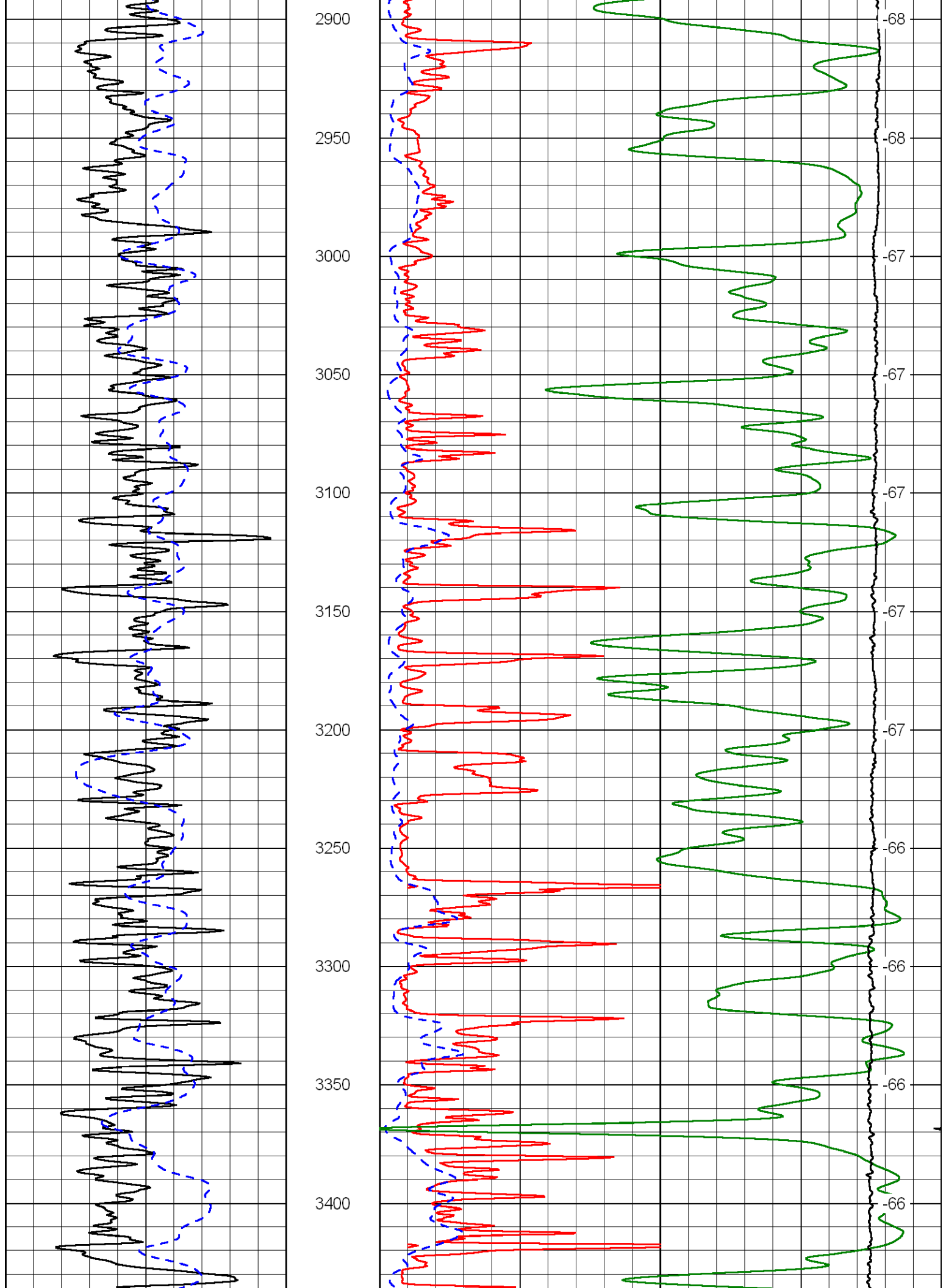
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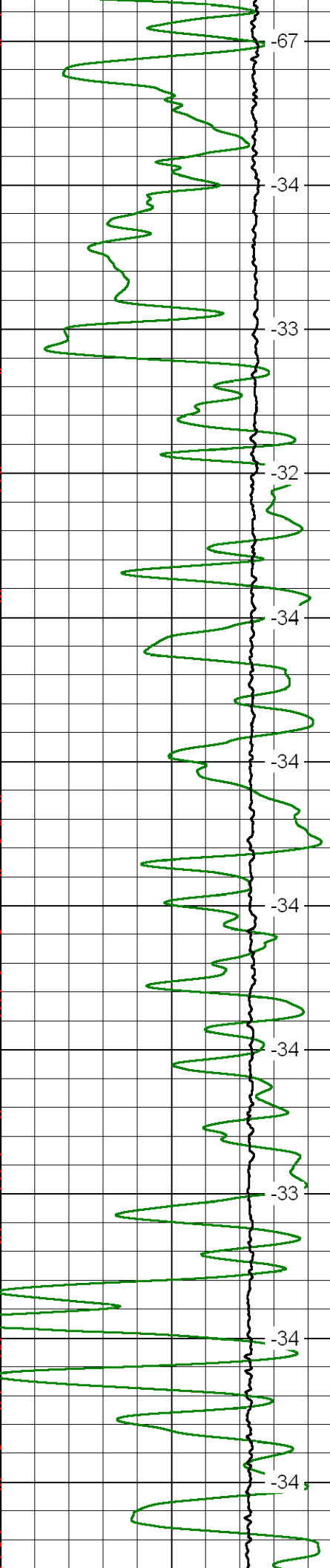
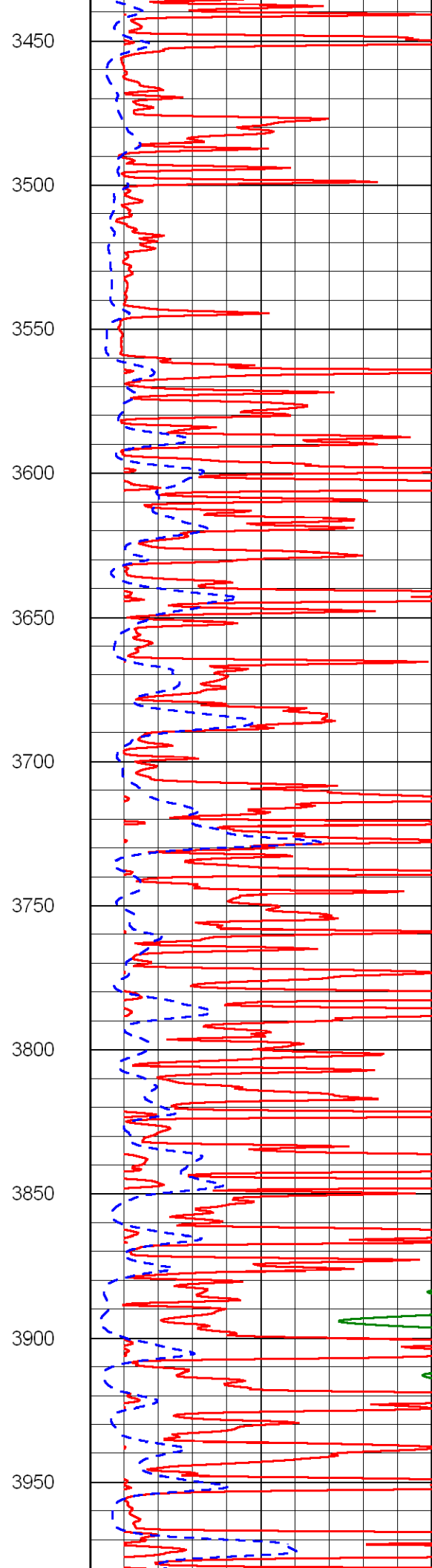
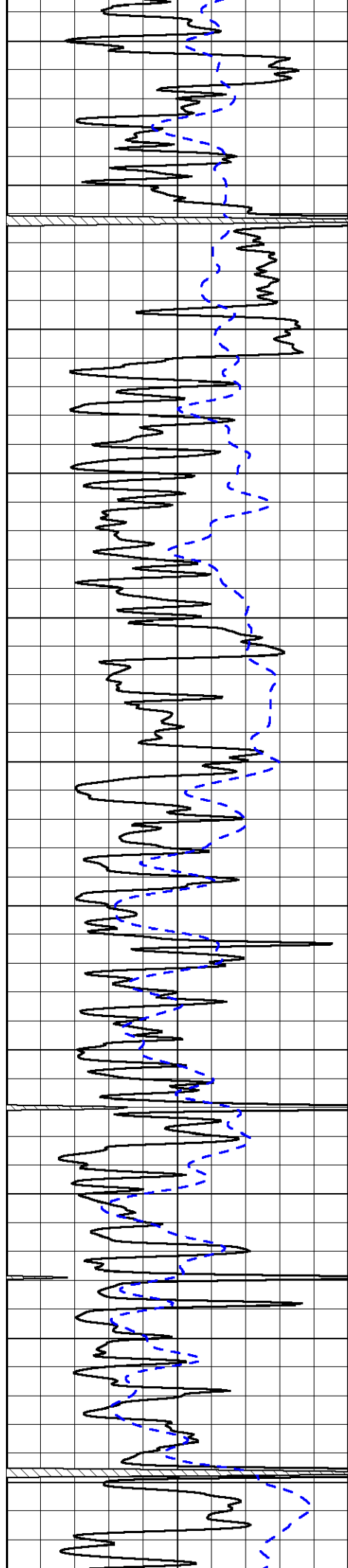
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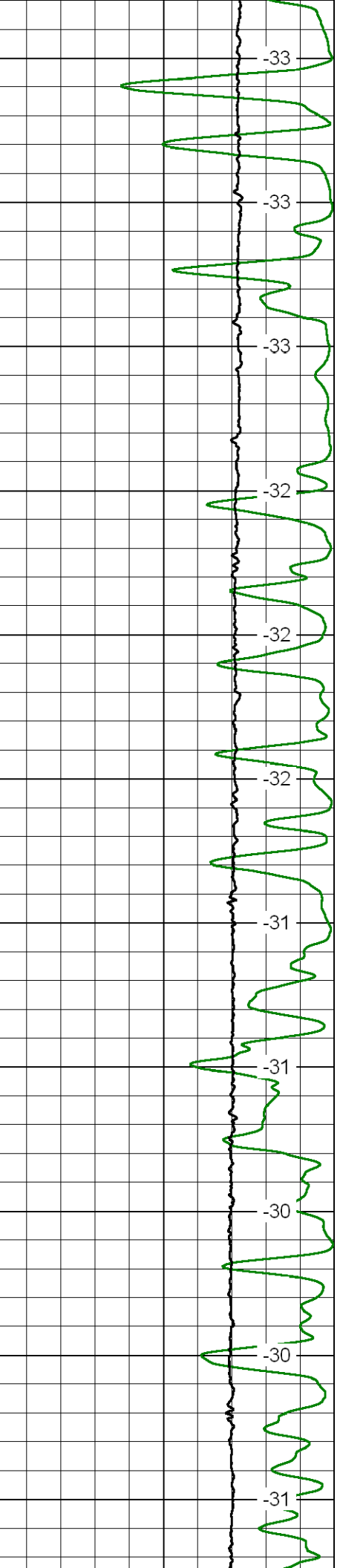
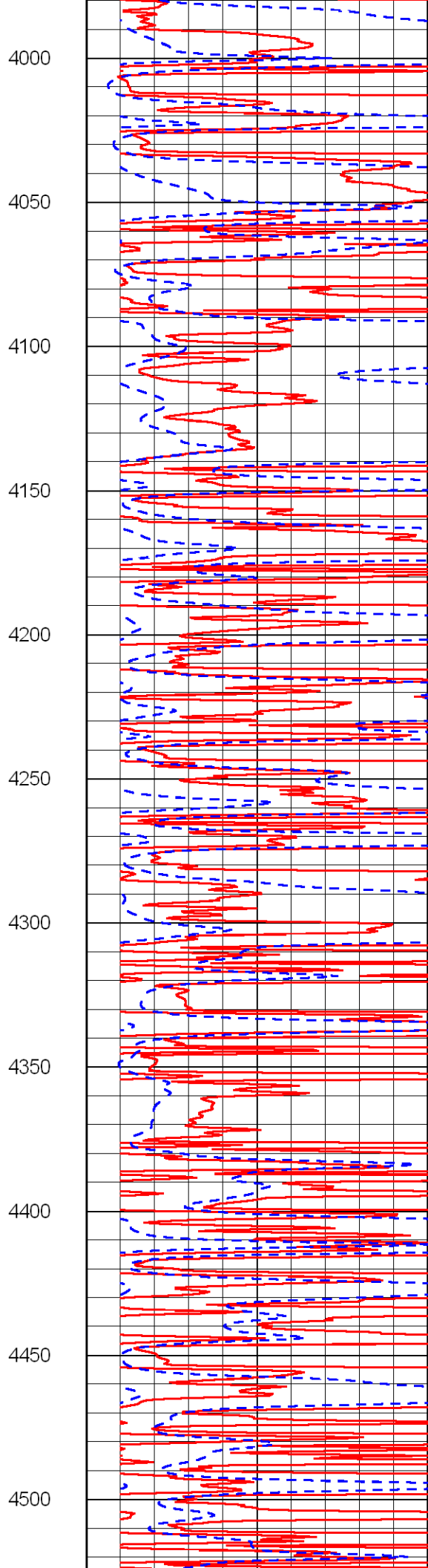
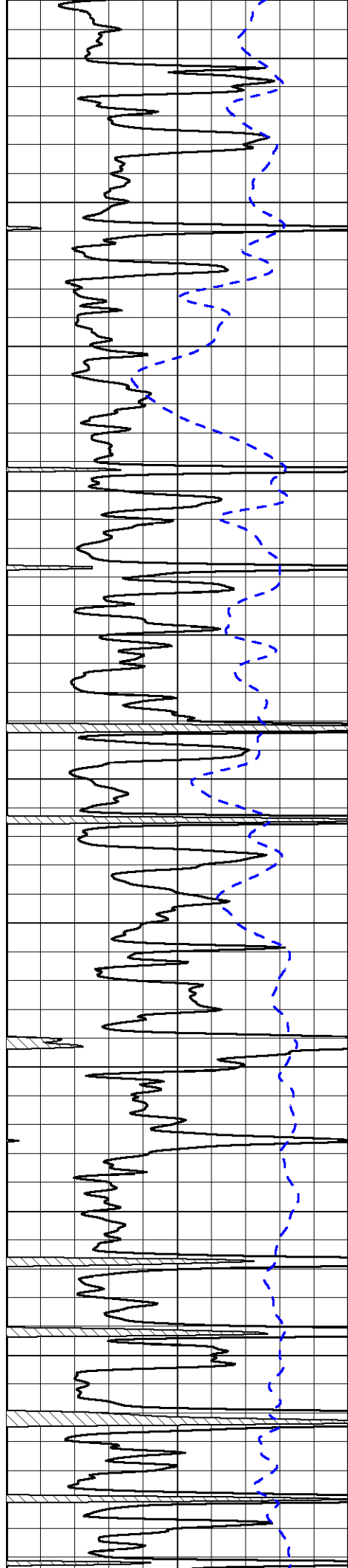


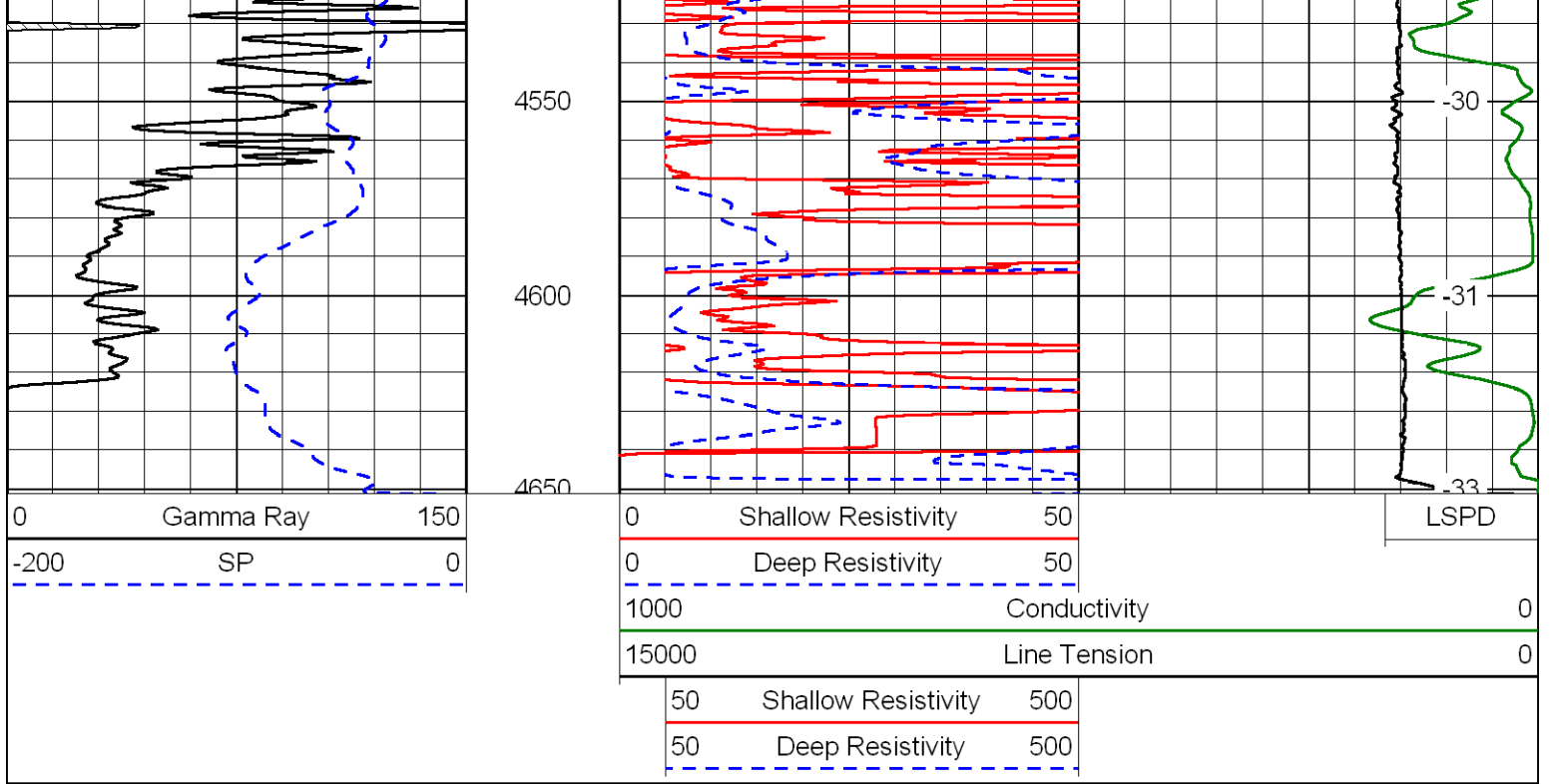




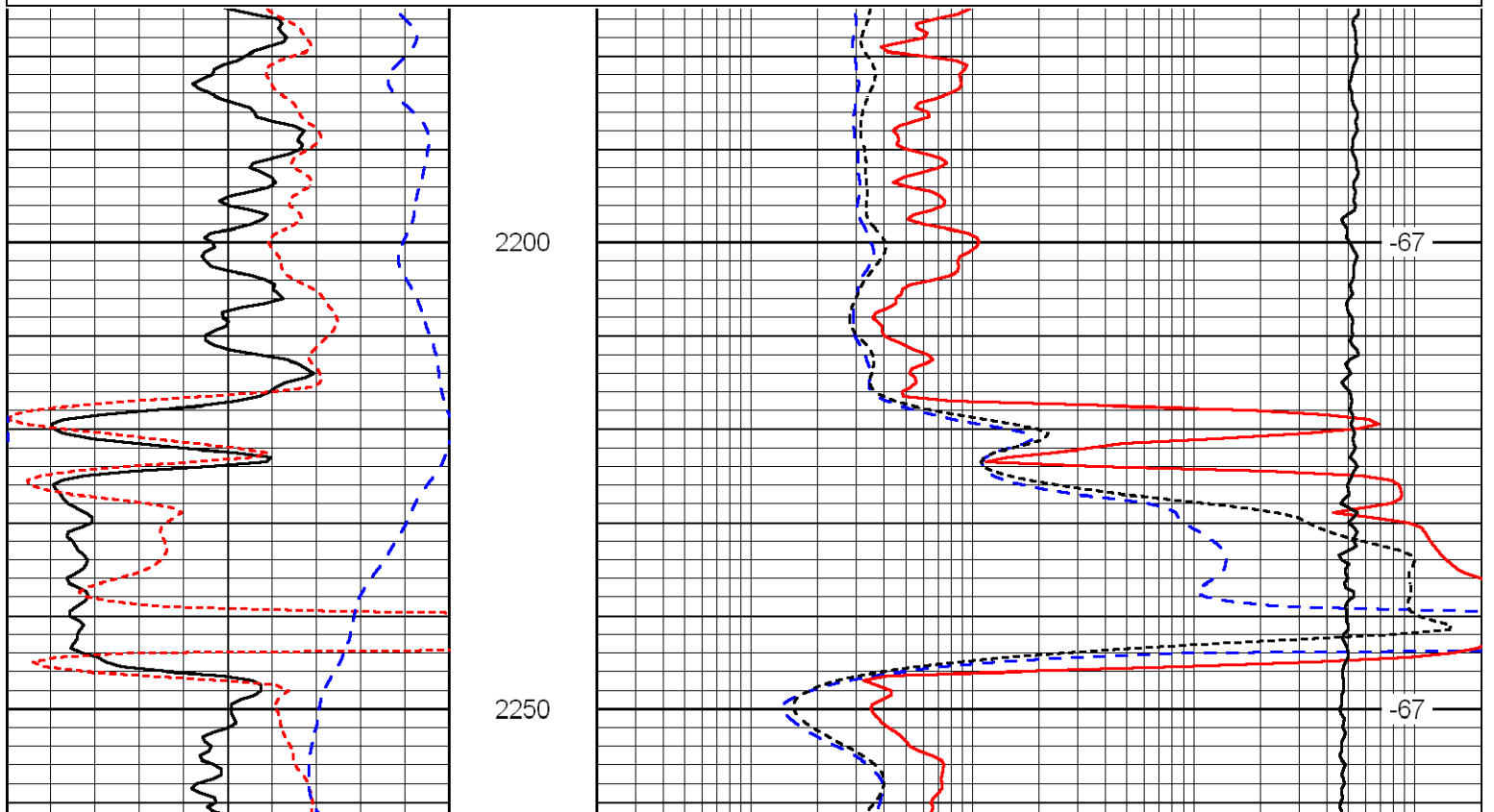
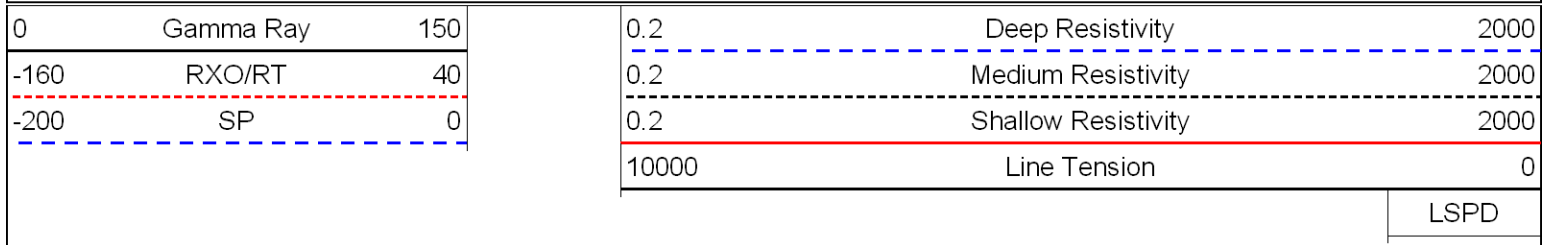


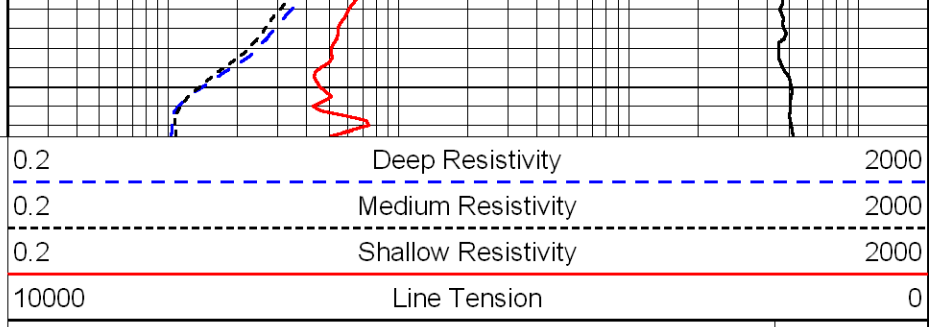
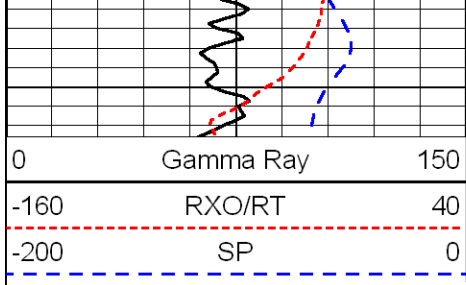






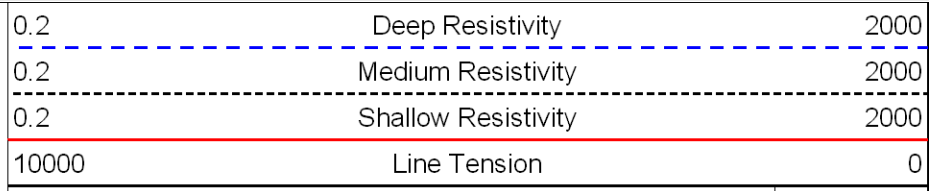
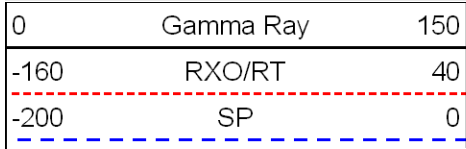
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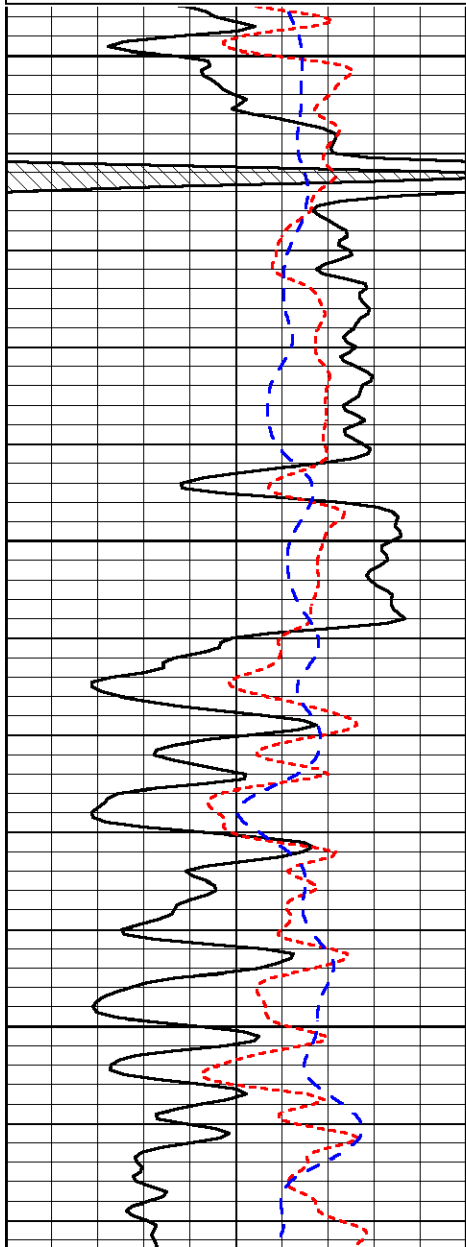


LSPD

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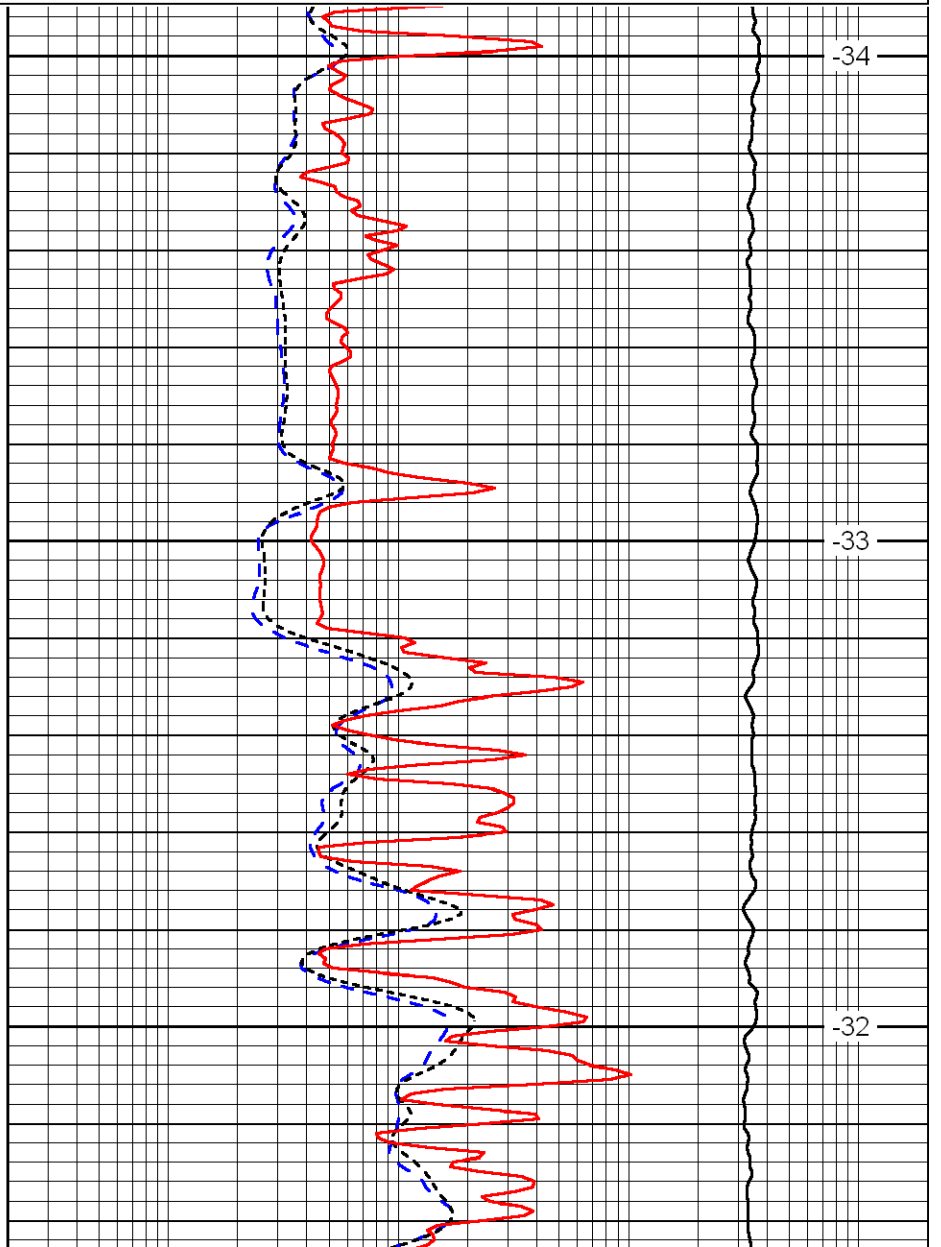
LSPD



3500

3550

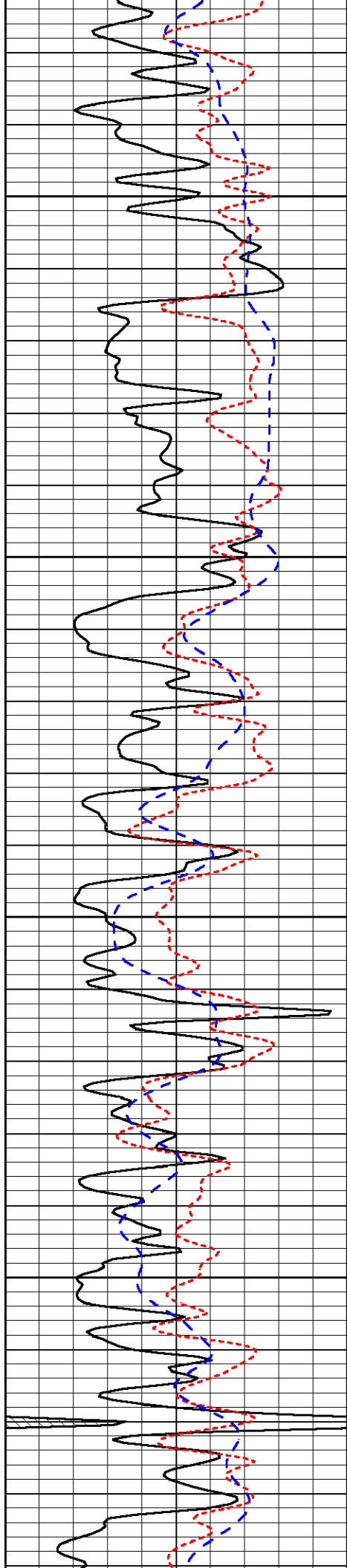
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-34

-33

-32

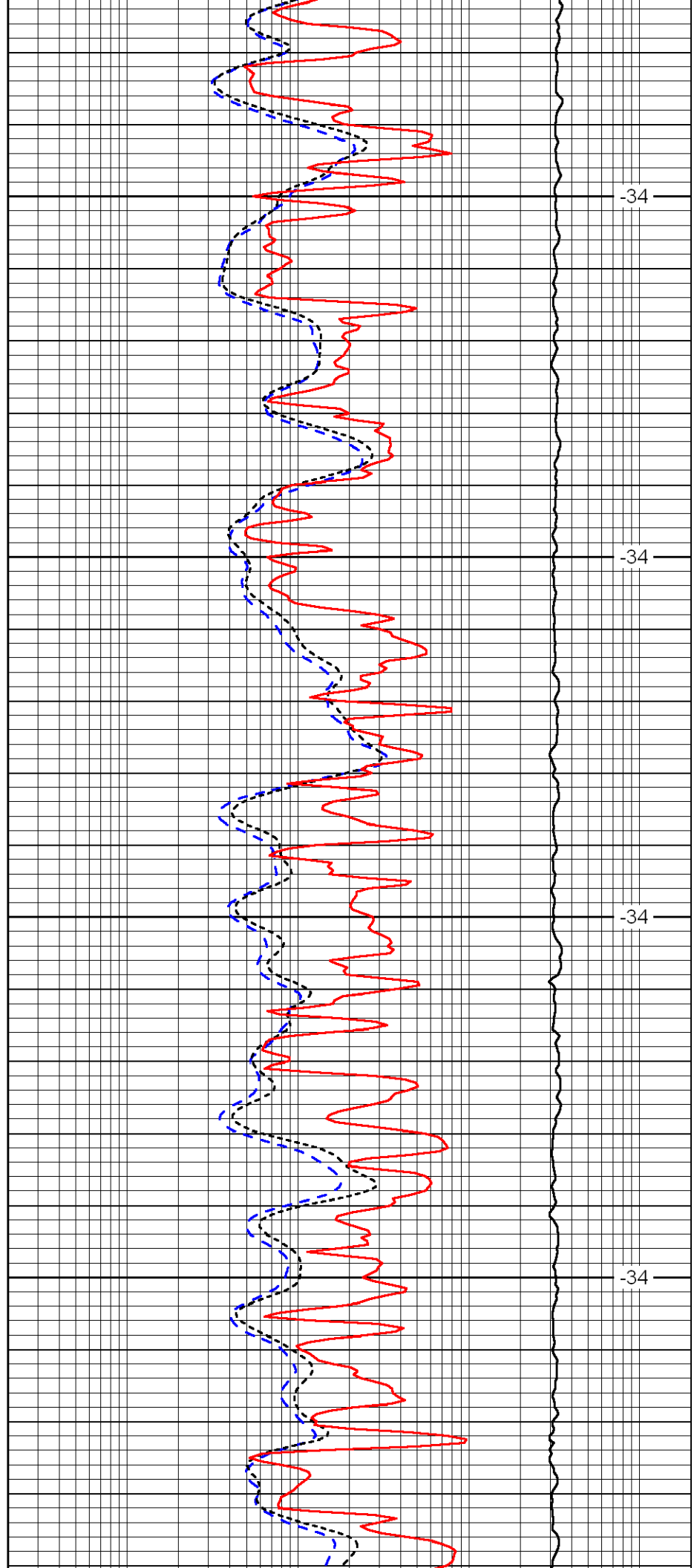


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3700

3750

3800

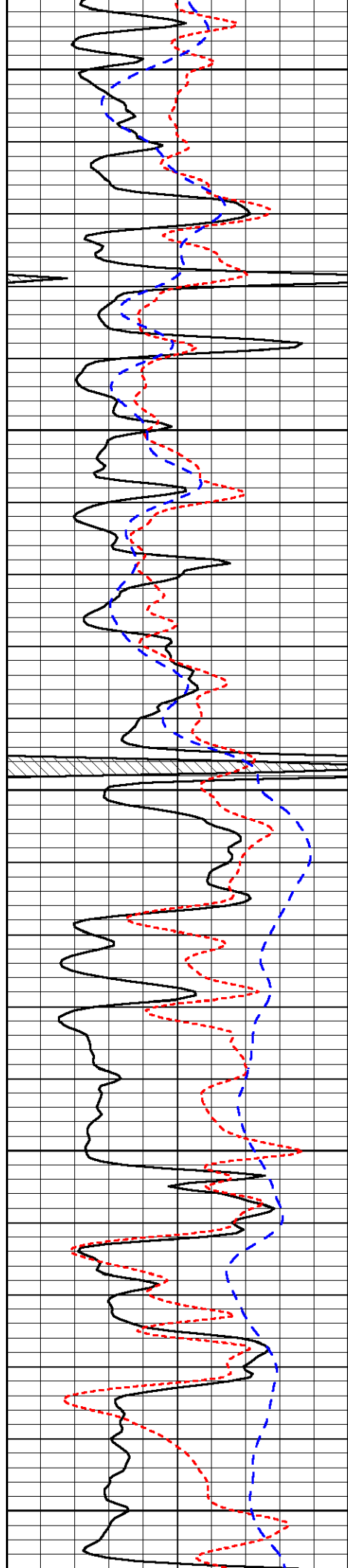


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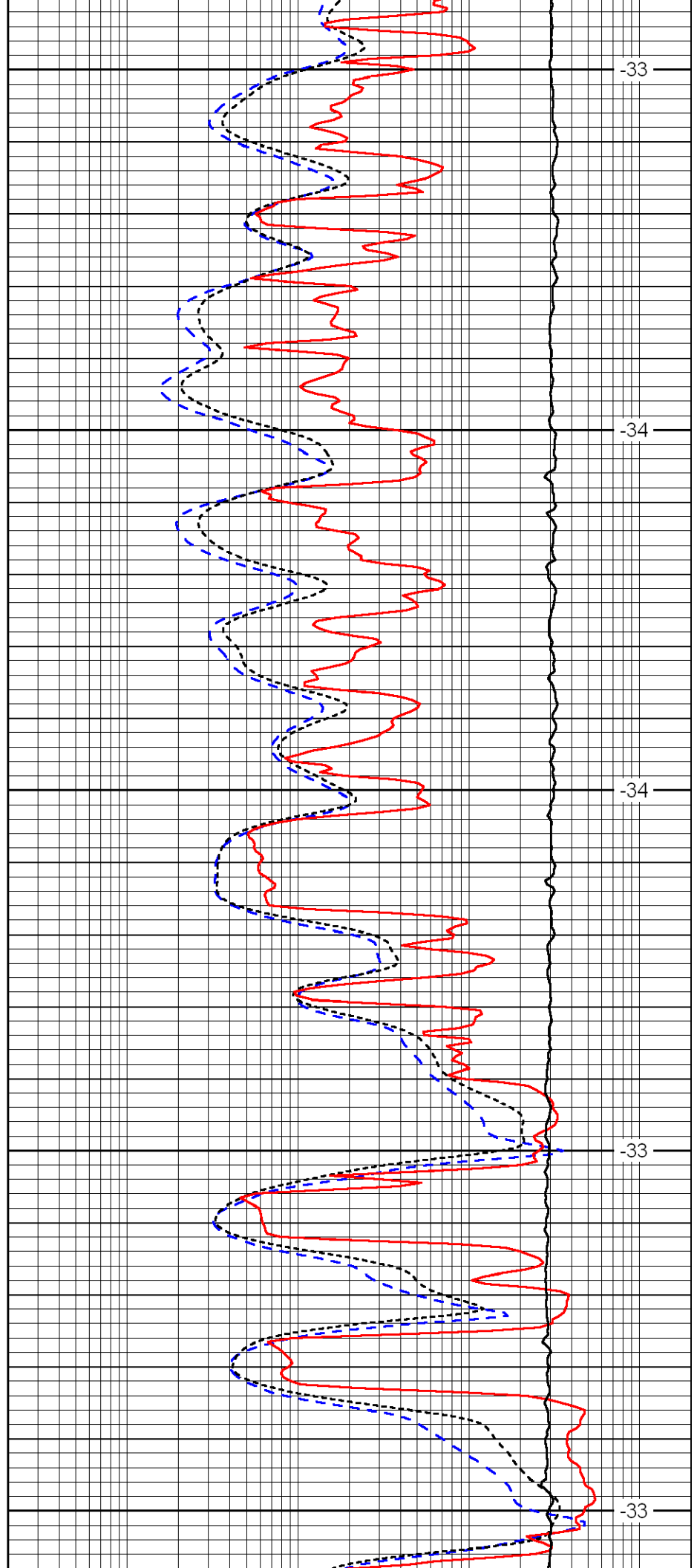
3850

3900

3950

4000

4050



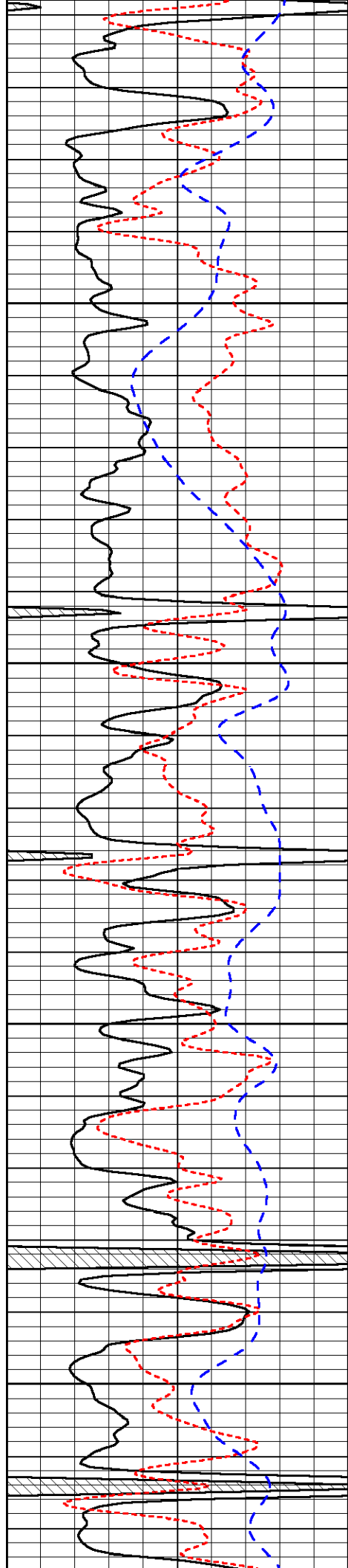
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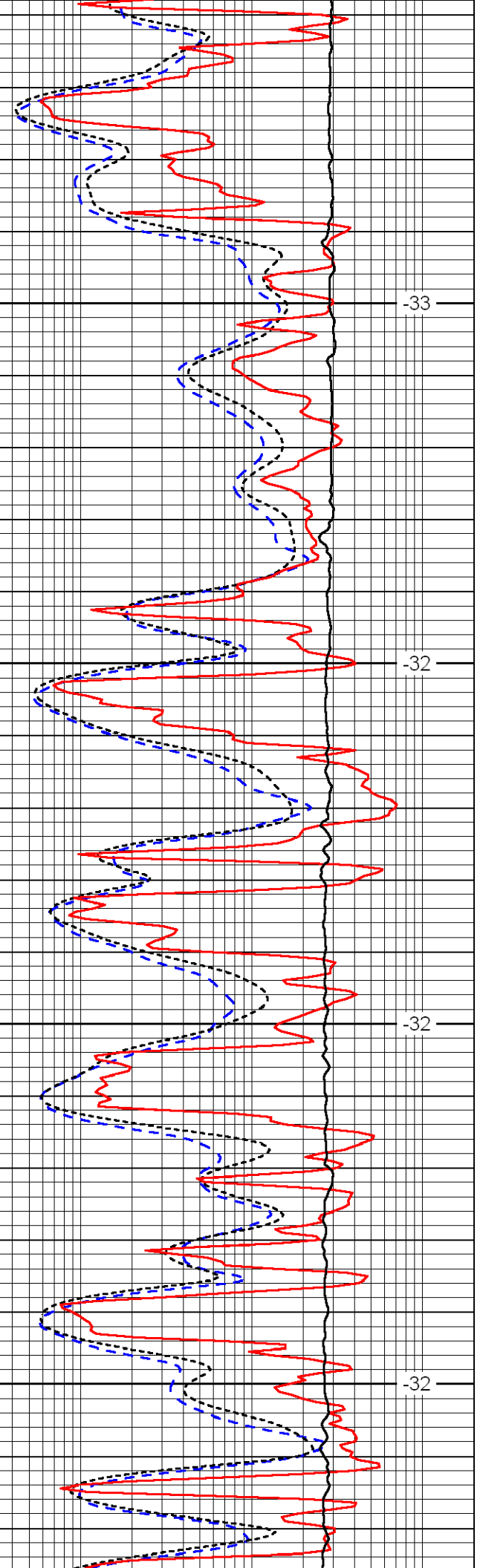


4100

4150

4200

4250

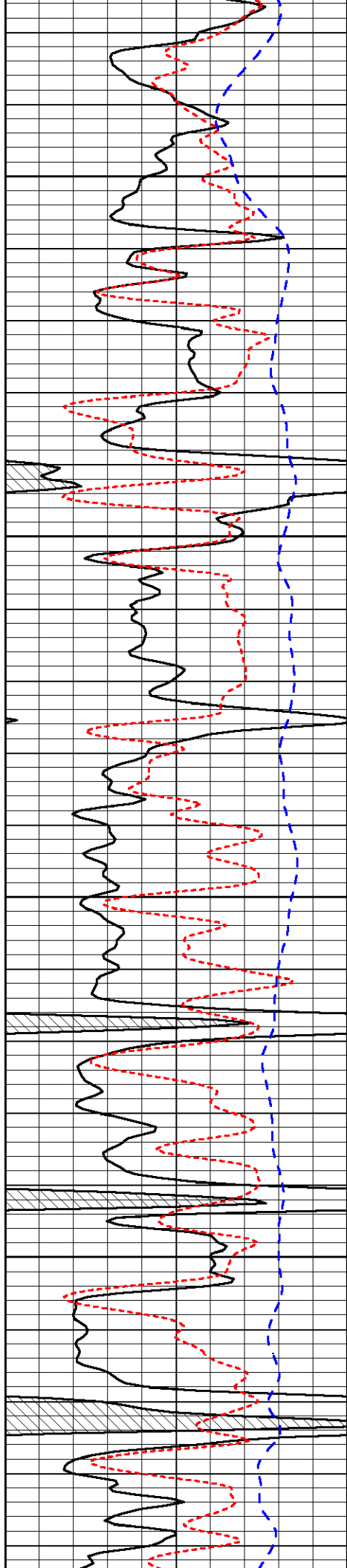


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-32

-32

-32

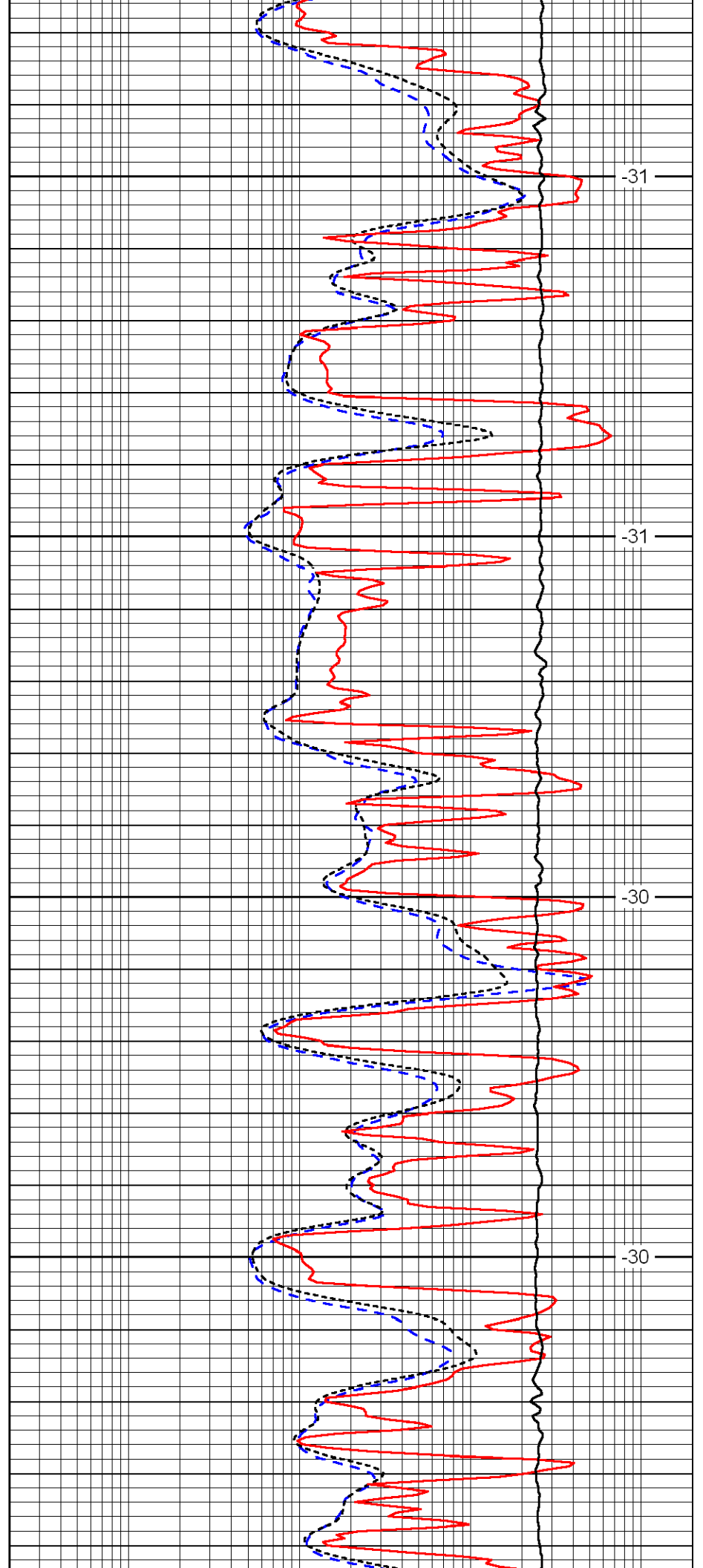


4300

4350

4400

4450

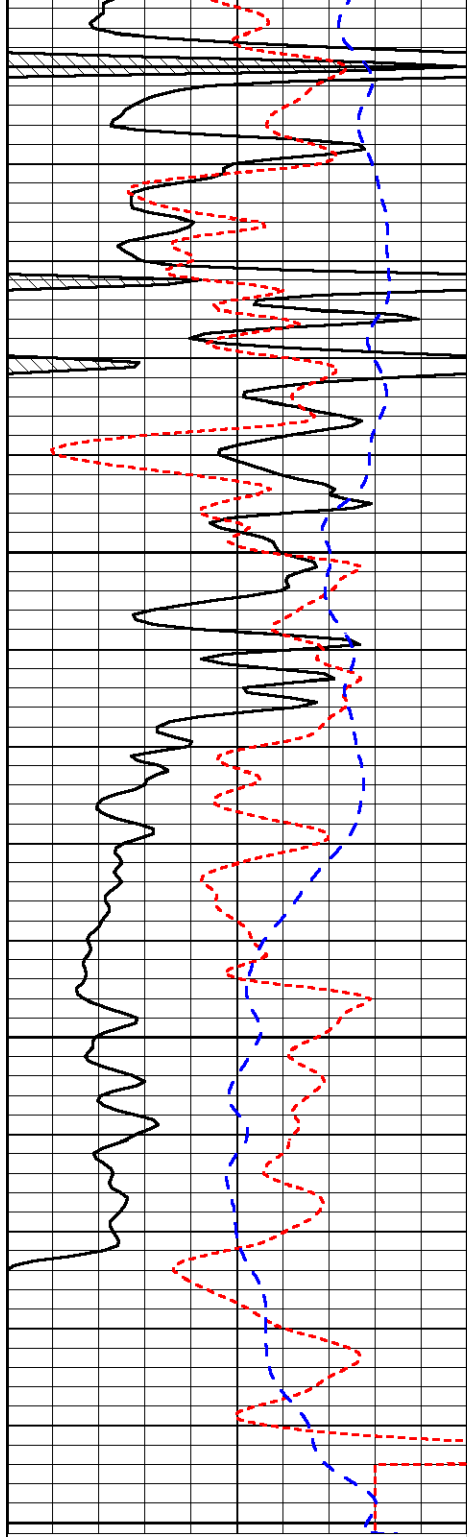


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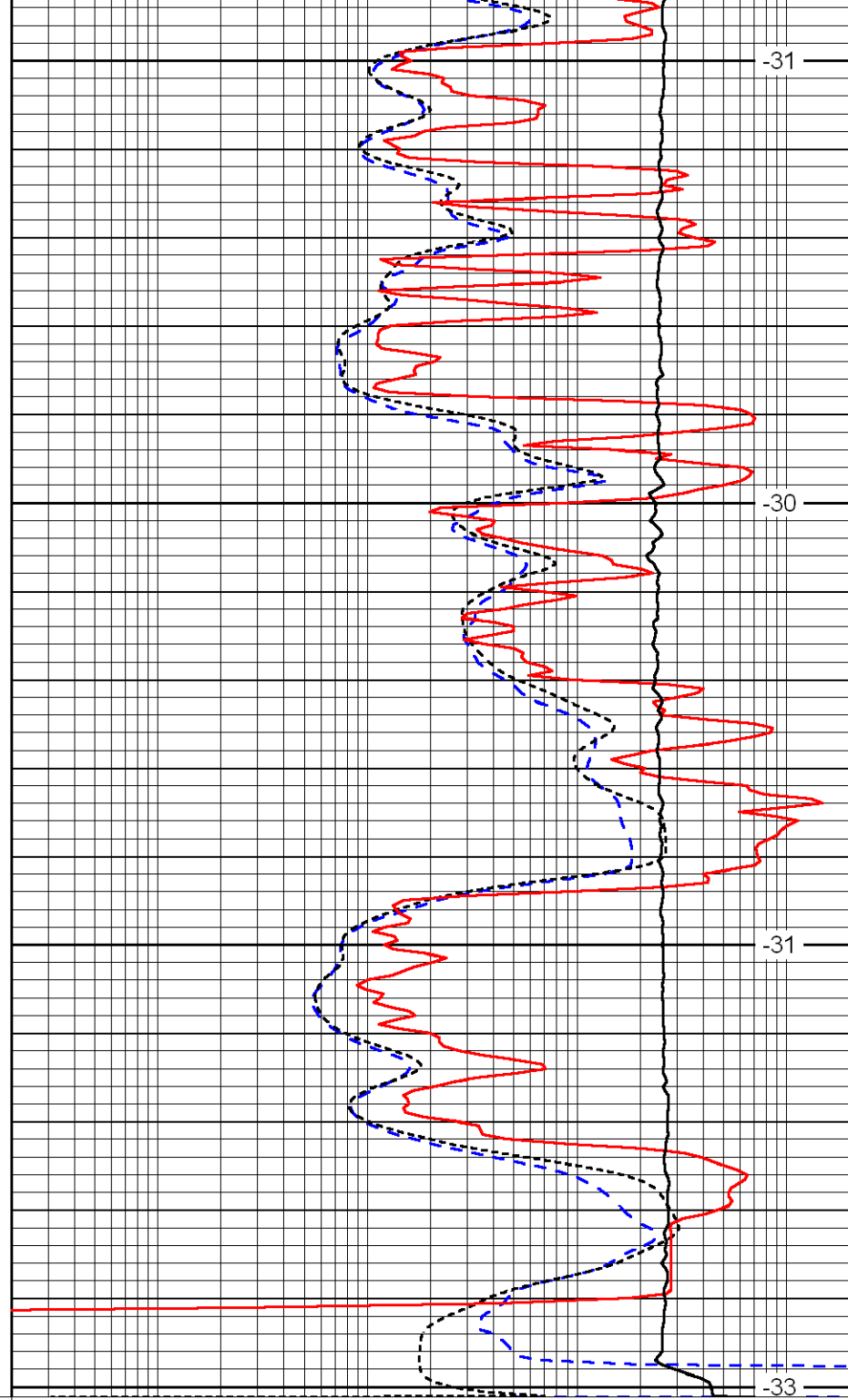
4500

4550

4600

4650

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



-31

-30

-31

-33

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

LSPD



DIGITAL LOG (785) 625-3858

Dual Compensated Porosity Log

API No. 15-101-22,363-00-00

Company **Credo Petroleum Corporation**
 Well **Ruby #1-35**
 Field **Lohoff East**
 County **Lane** State **Kansas**

Location **735' FNL / 535' FWL**

Sec: **35** Twp: **16S** Rge: **29W**

Other Services
 DIL
 MEL/BHCS

Permanent Datum **Ground Level** Elevation **2801**
 Log Measured From **Kelly Bushing** 5 Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

K.B. 2806
 D.F. G.L. 2801

Date **4/14/2012**

Run Number **One**

Type Log **CNL / CDL**

Depth Driller **4644**

Depth Logger **4646**

Bottom Logged Interval **4625**

Top Logged Interval **3500**

Type Fluid In Hole **Chemical**

Salinity, PPM CL **2000**

Density **9.3**

Level **Full**

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

Operating Rig Time **5 Hours**

Equipment -- Location **15 Hays**

Recorded By **R. Barnhart**

Witnessed By **Bruce Ard**

Borehole Record				Casing Record			
Run No	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	255	8.625	23#	00	255
Two	7.875	255	TD				

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Comments

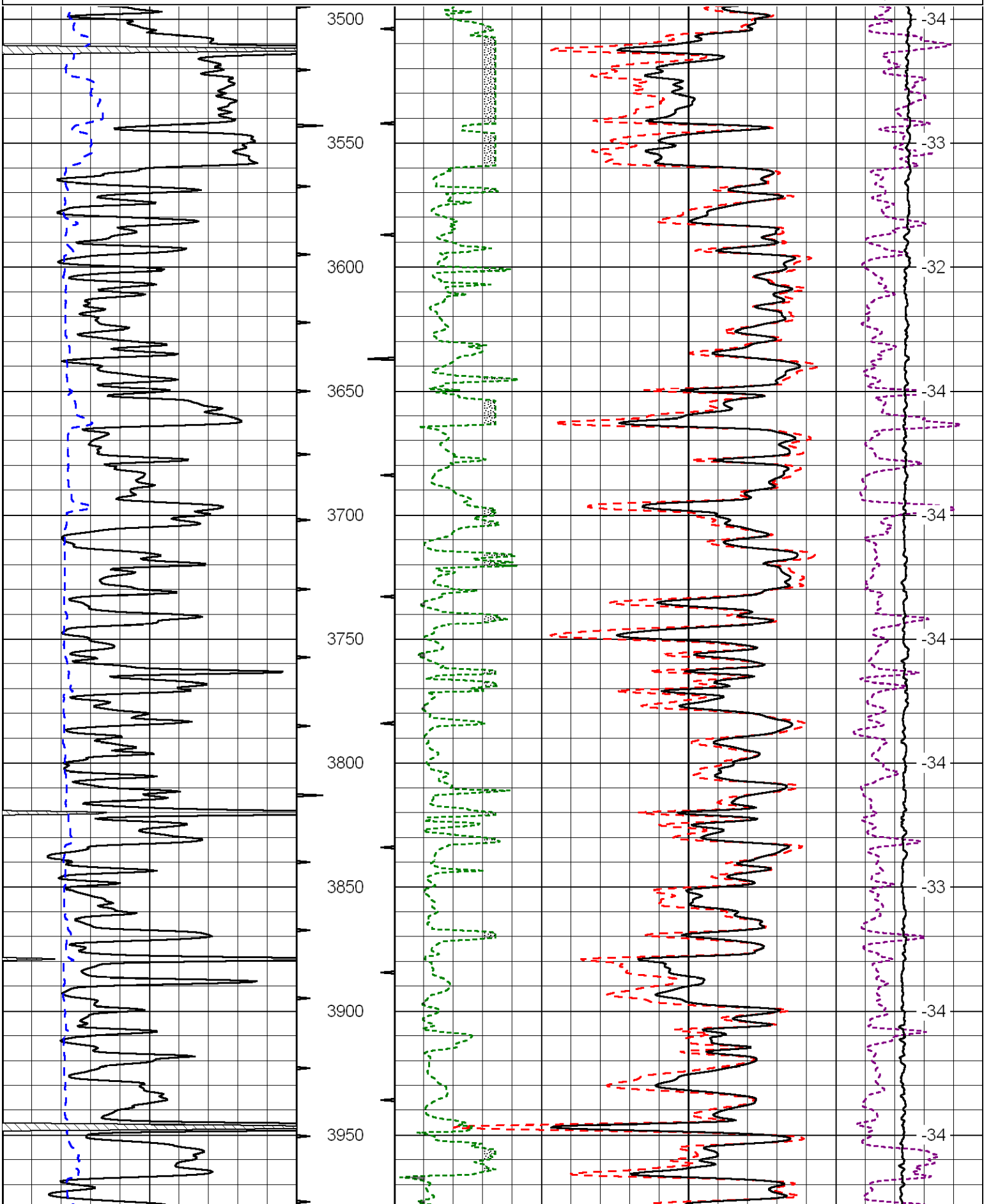
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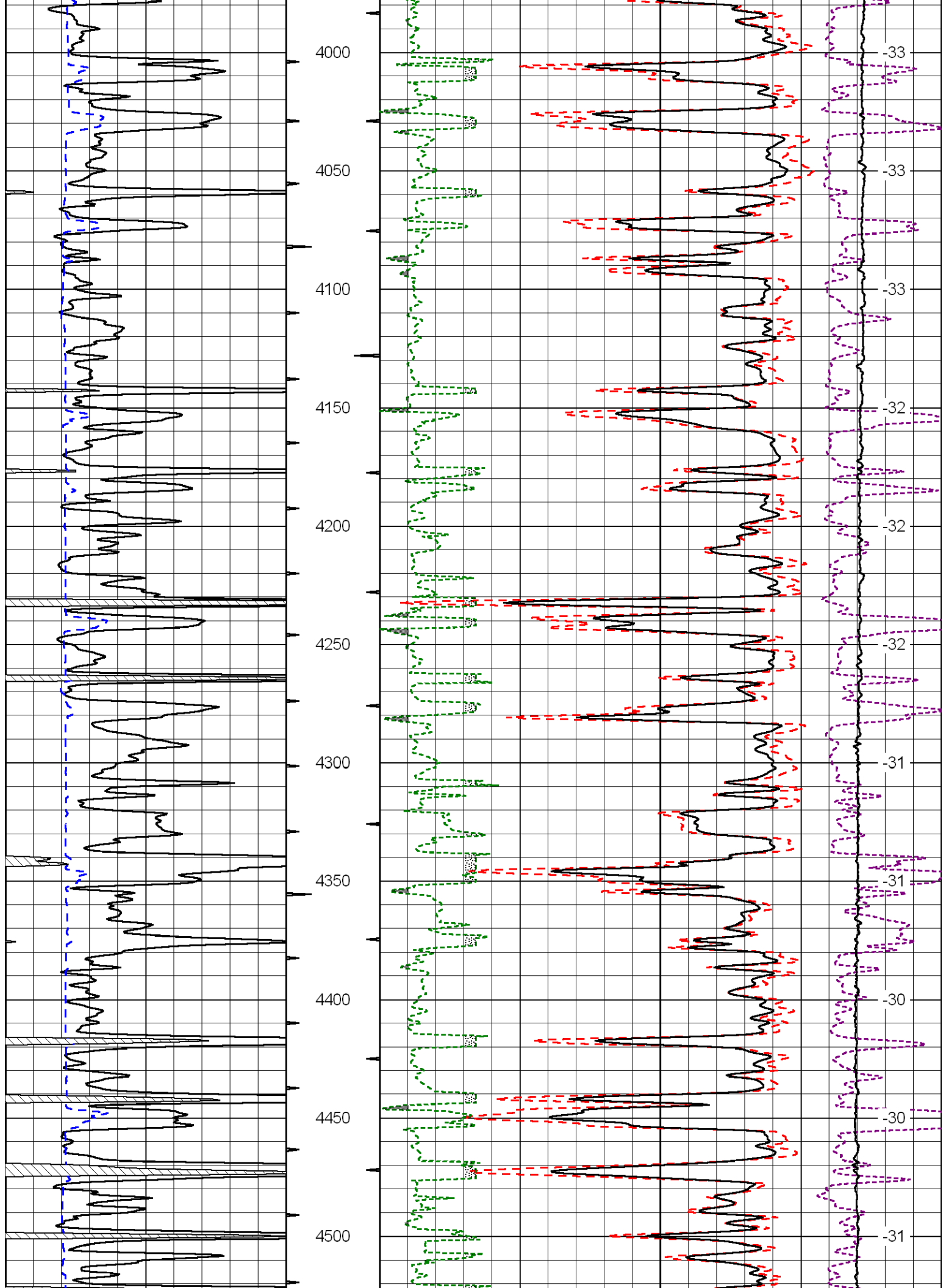
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 E to Hwy 23, 1N,
 1/16E, S into

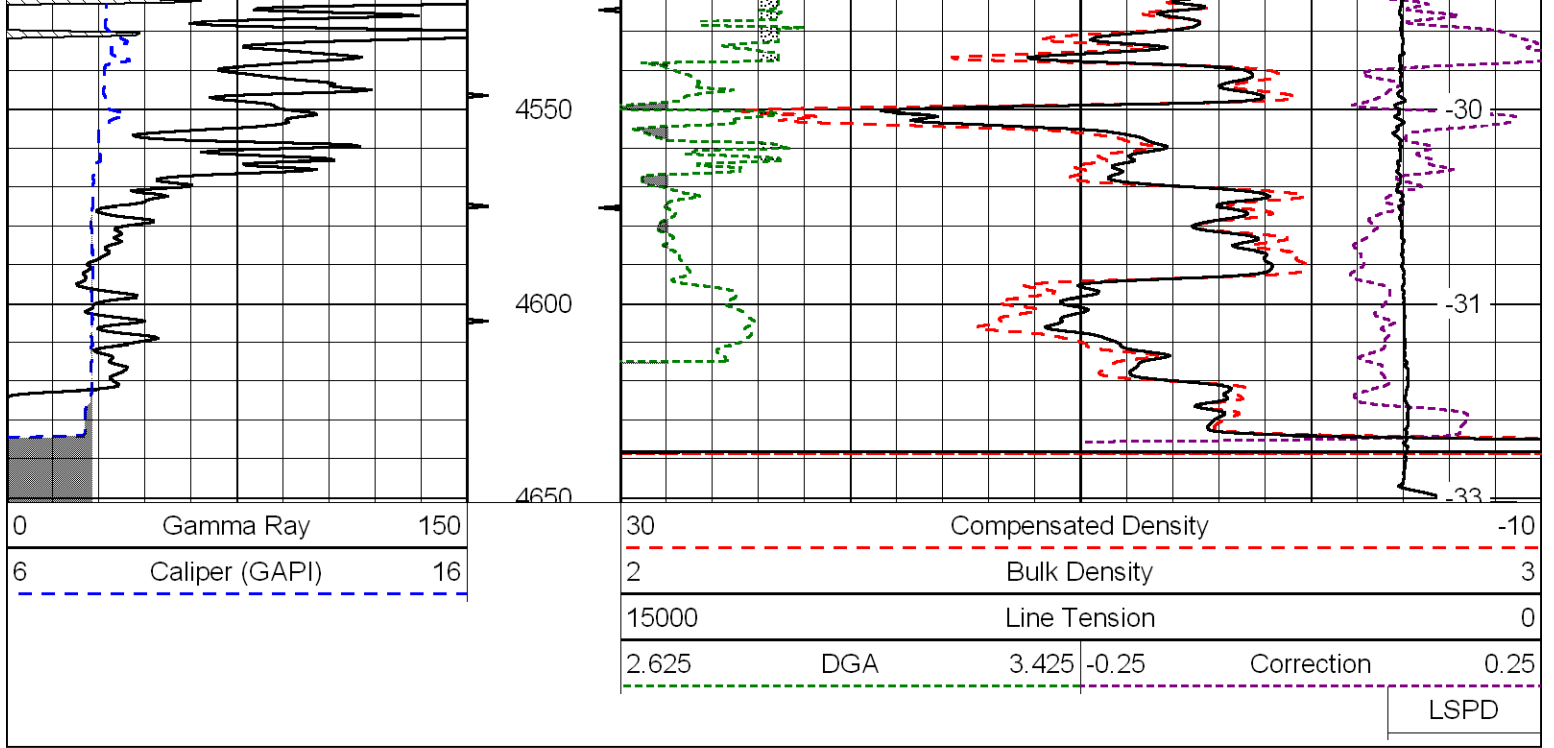
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6	Caliper (GAPI)	16

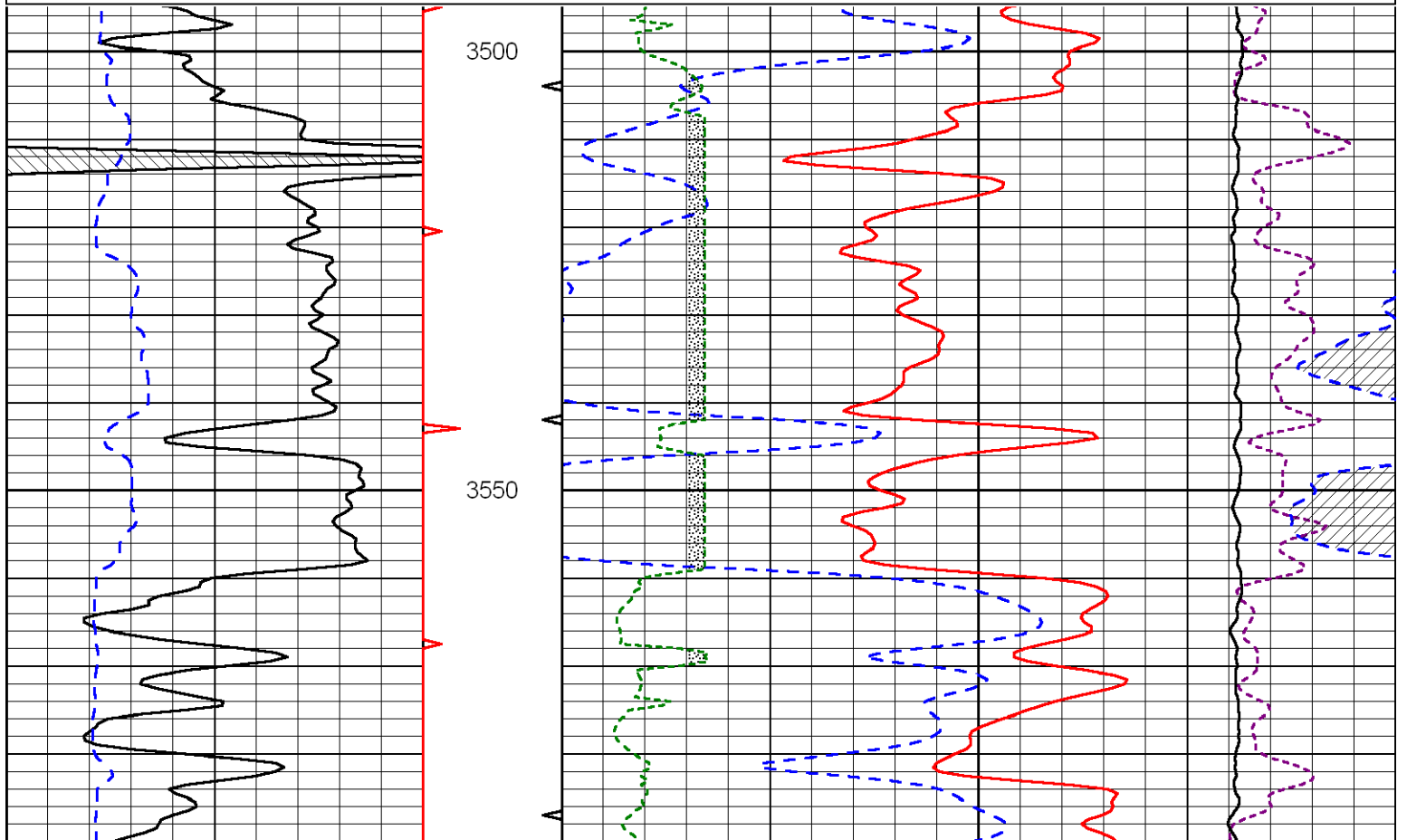
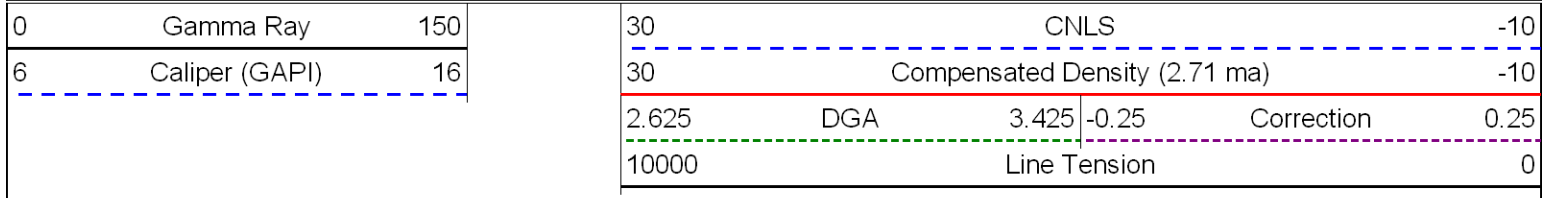
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2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
Correction			0.25
LSPD			

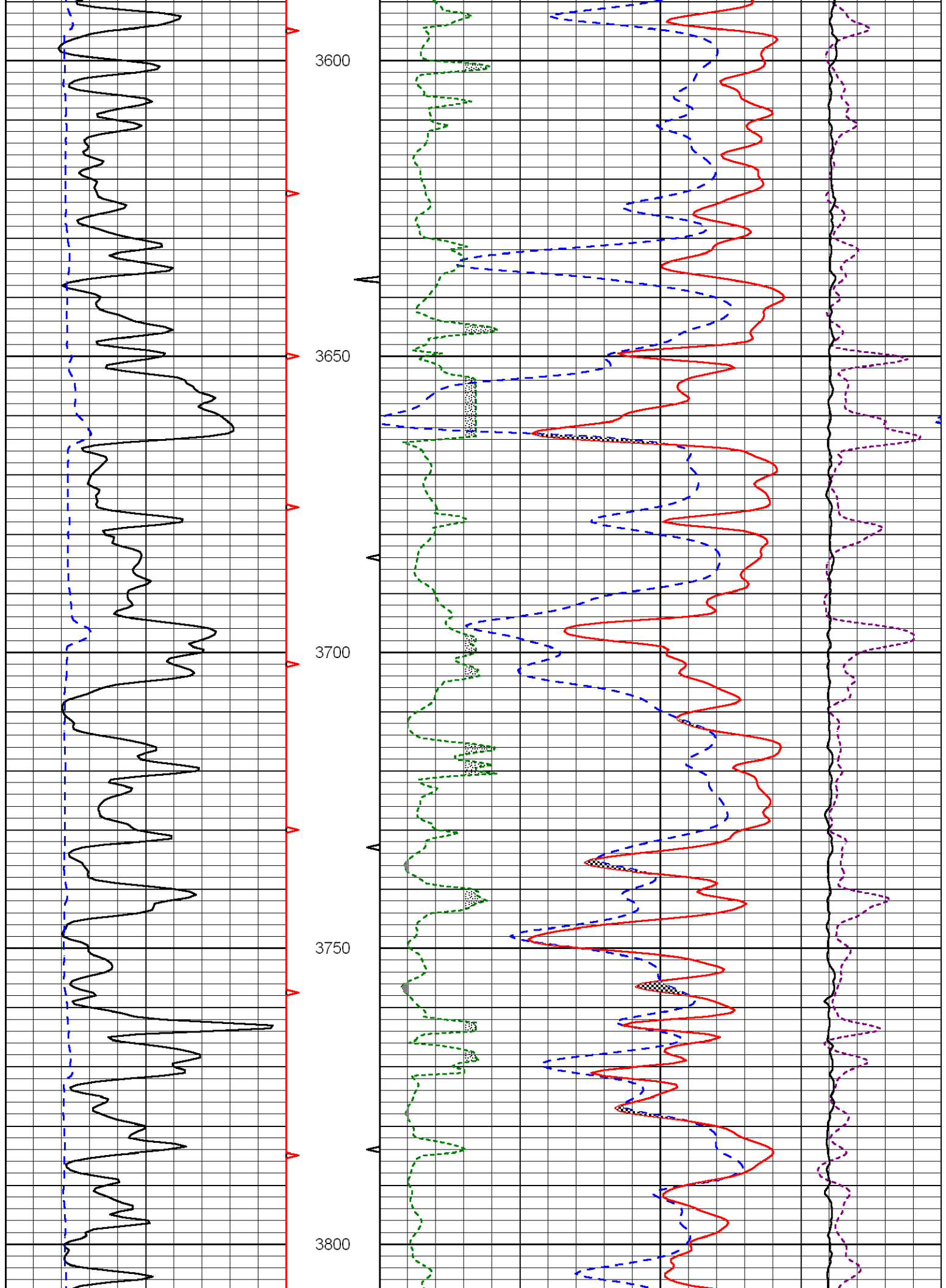


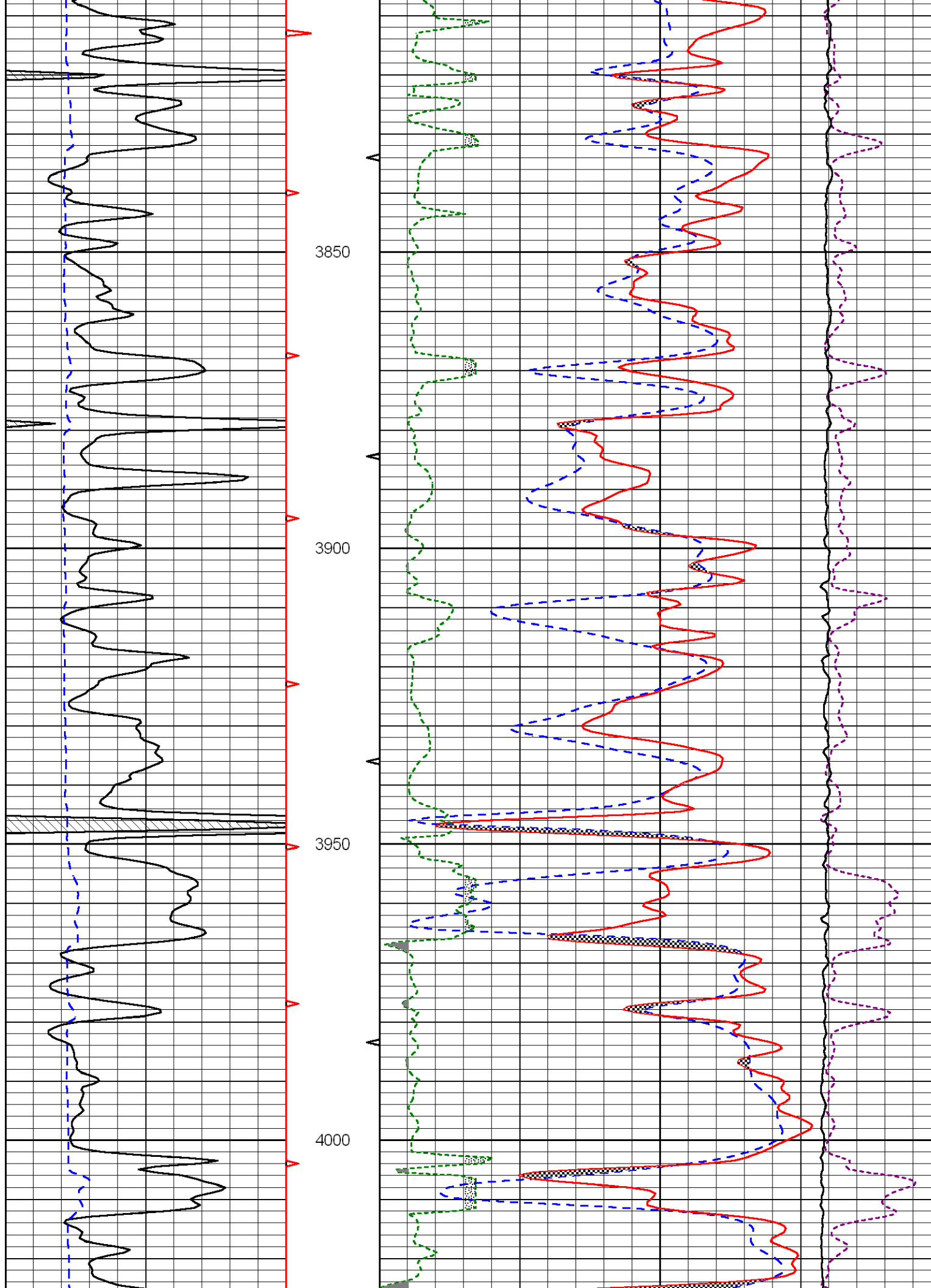


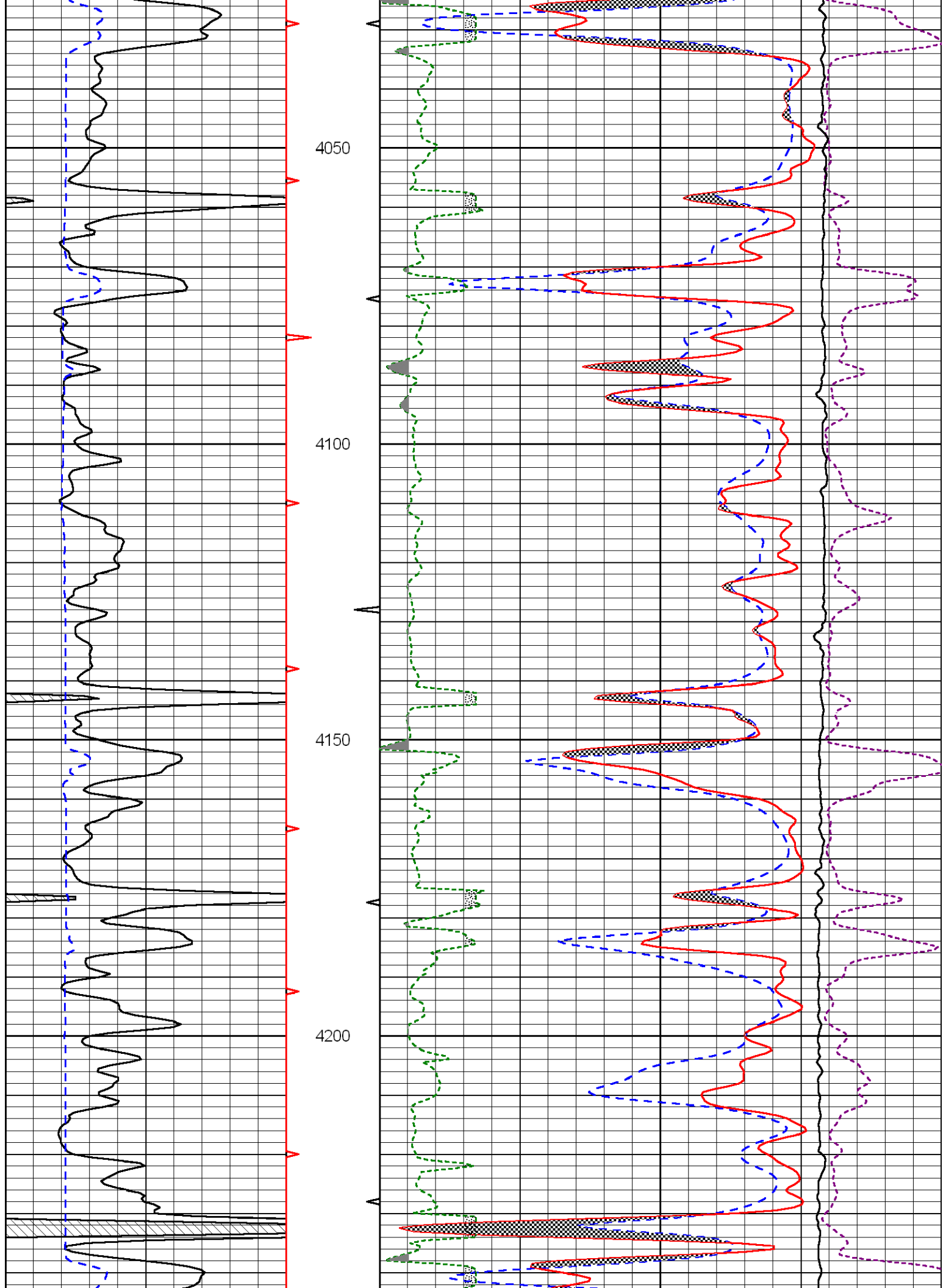


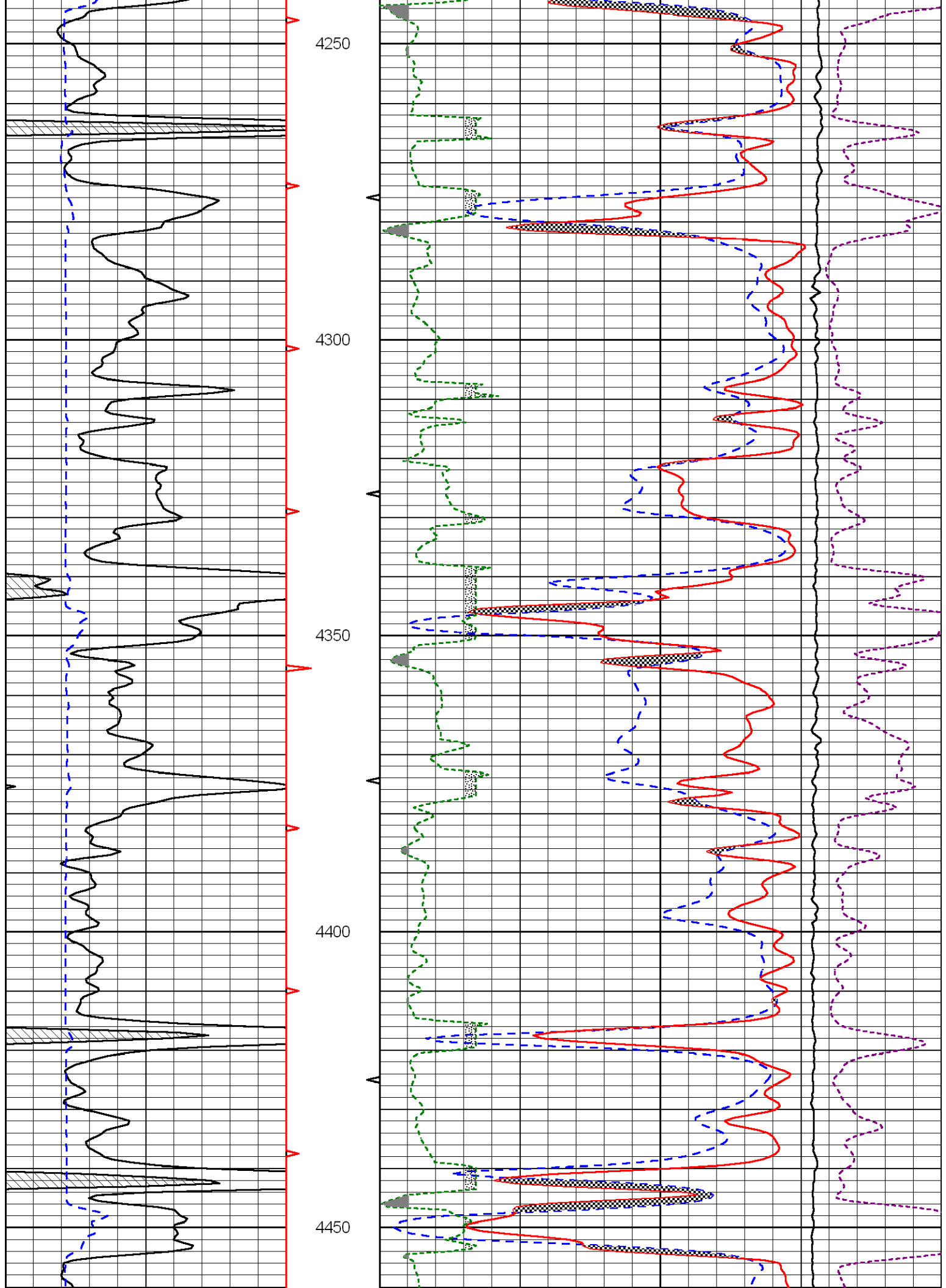
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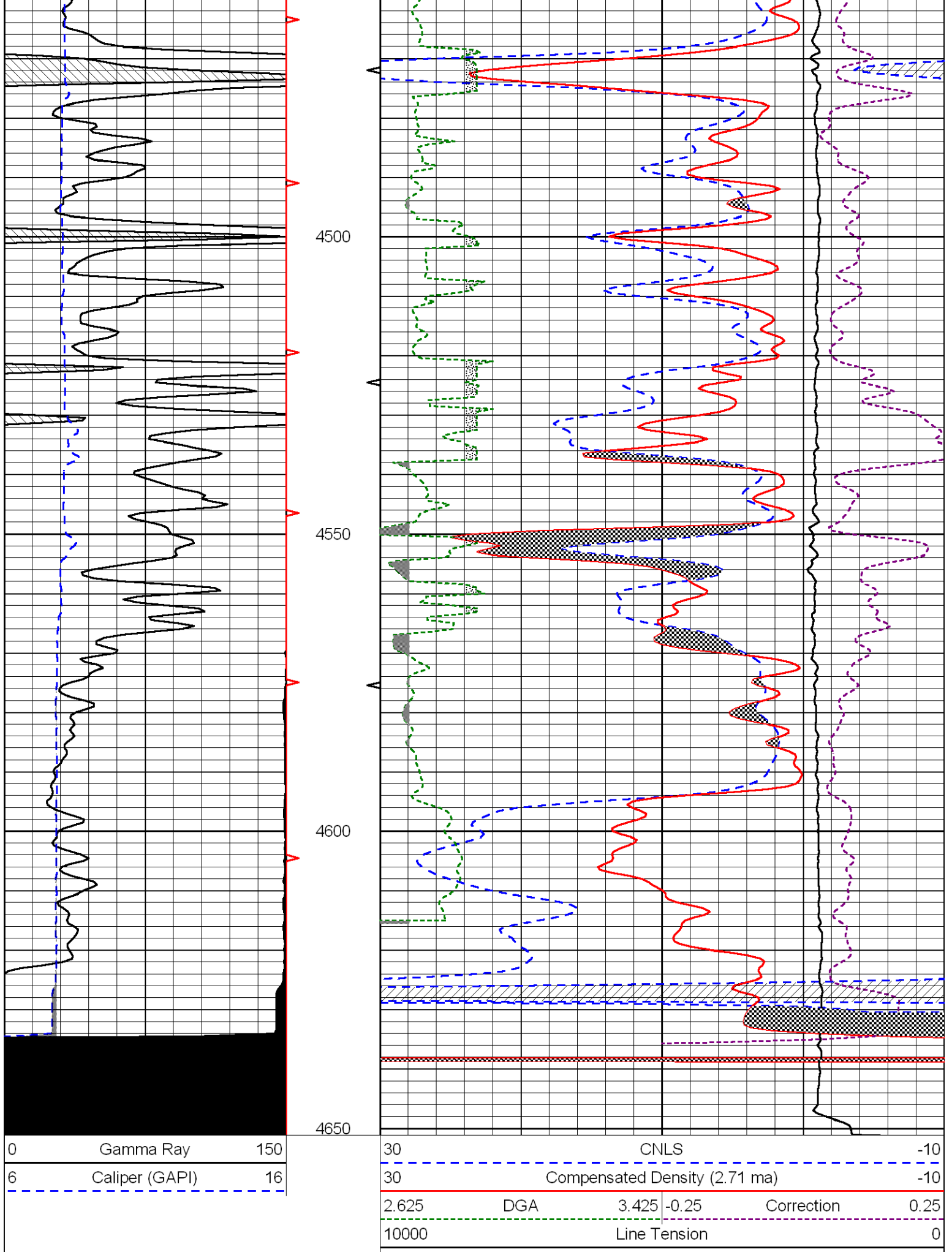














DIGITAL LOG (785) 625-3858

Microresistivity Log

API No. 15-101-22,363-00-00

Company Credo Petroleum Corporation
 Well Ruby #1-35
 Field Lohoff East
 County Lane State Kansas

Location 735' FNL / 535' FWL
 Sec: 35 Twp: 16S Rge: 29W

Other Services
 CNL/CDL
 DIL/BHCS

Permanent Datum Ground Level Elevation 2801
 Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
 Drilling Measured From Kelly Bushing

Elevation
 K.B. 2806
 D.F. G.L. 2801

Date	4/14/2012
Run Number	Two
Depth Driller	4644
Depth Logger	4646
Bottom Logged Interval	4645
Top Log Interval	3500
Casing Driller	8.625 @ 255
Casing Logger	255
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	2000
Density / Viscosity	9.3 55
pH / Fluid Loss	10.0 6.8
Source of Sample	Flowline
Rm @ Meas. Temp	1.00 @ 67
Rmf @ Meas. Temp	0.75 @ 67
Rmc @ Meas. Temp	1.35 @ 67
Source of Rmf / Rmc	Charts
Rm @ BHT	0.55 @ 122
Operating Rig Time	5 Hours
Max Rec. Temp. F	122
Equipment Number	15
Location	Hays
Recorded By	R. Barnhart
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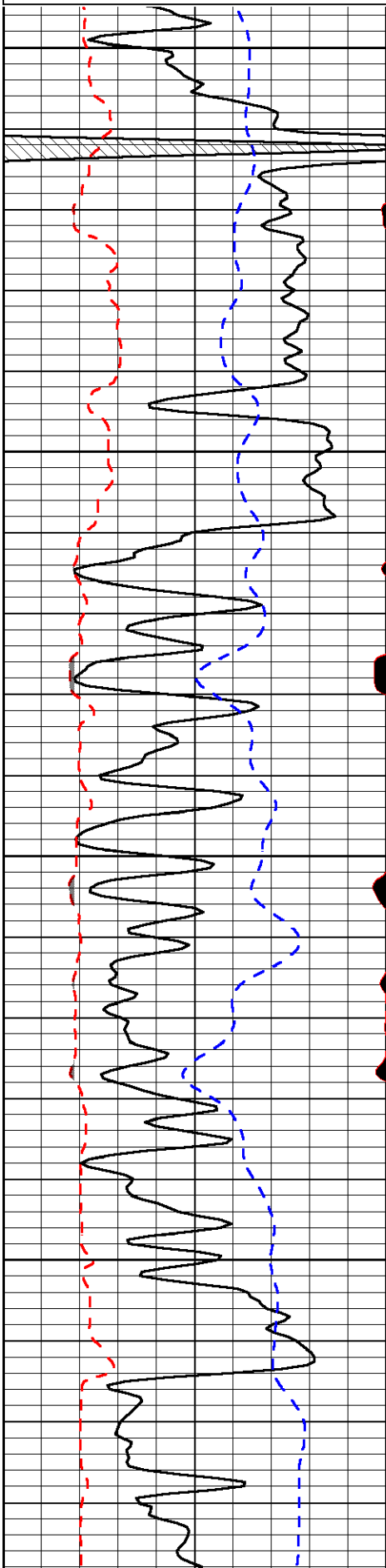
Comments

Thank you for using Log-Tech, Inc.
 (785) 625-3858
 Healy, KS:
 E to Hwy 23, 1N,
 1/16E, S into

Database File: credohd.db
 Dataset Pathname: dil/crdmain
 Presentation Format: micro
 Dataset Creation: Sat Apr 14 12:33:42 2012
 Charted by: Depth in Feet scaled 1:240

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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

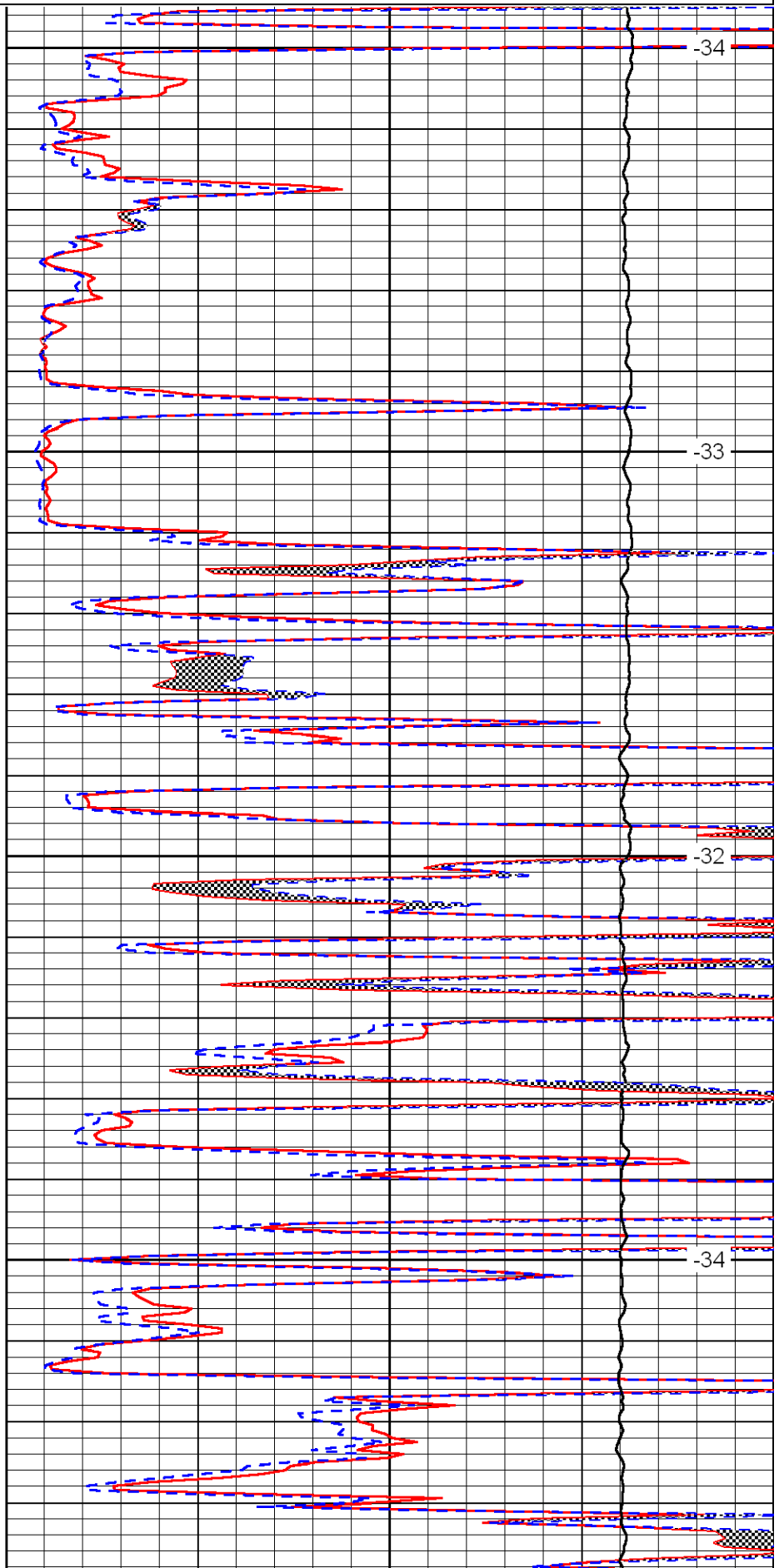


3500

3550

3600

3650

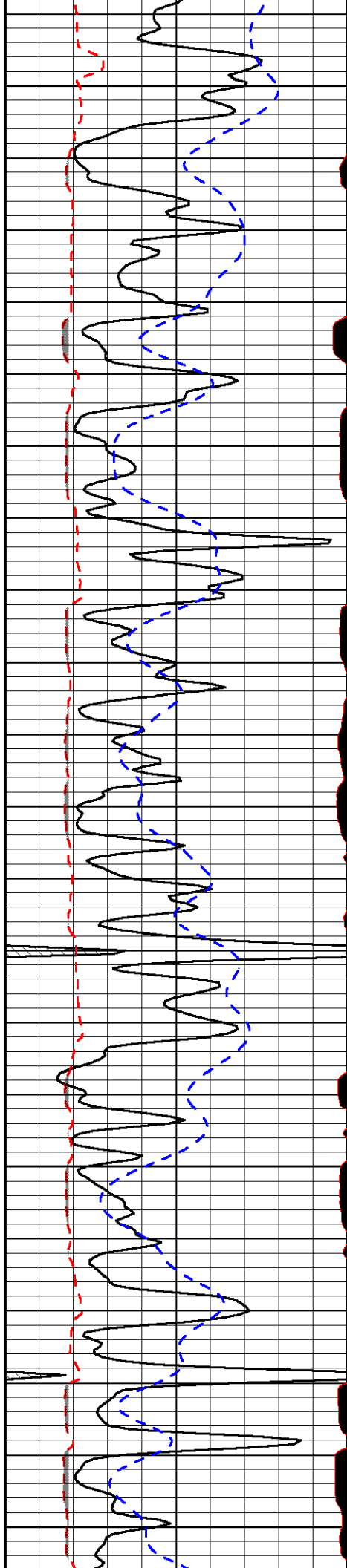


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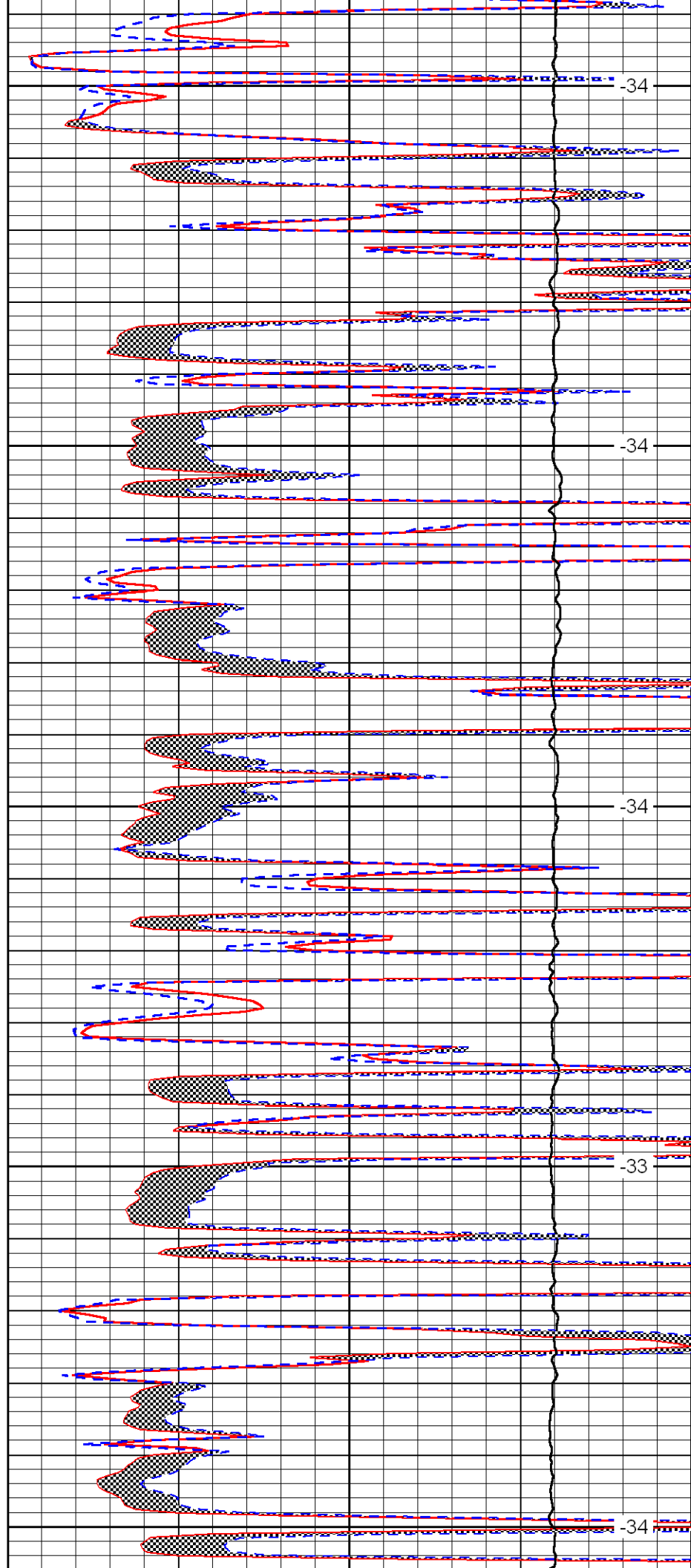
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3800

3850

3900



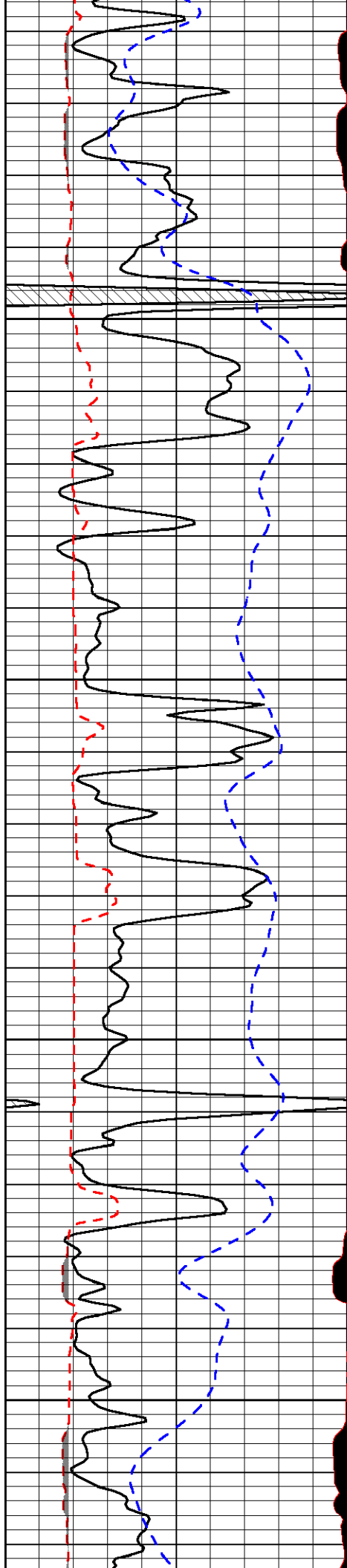
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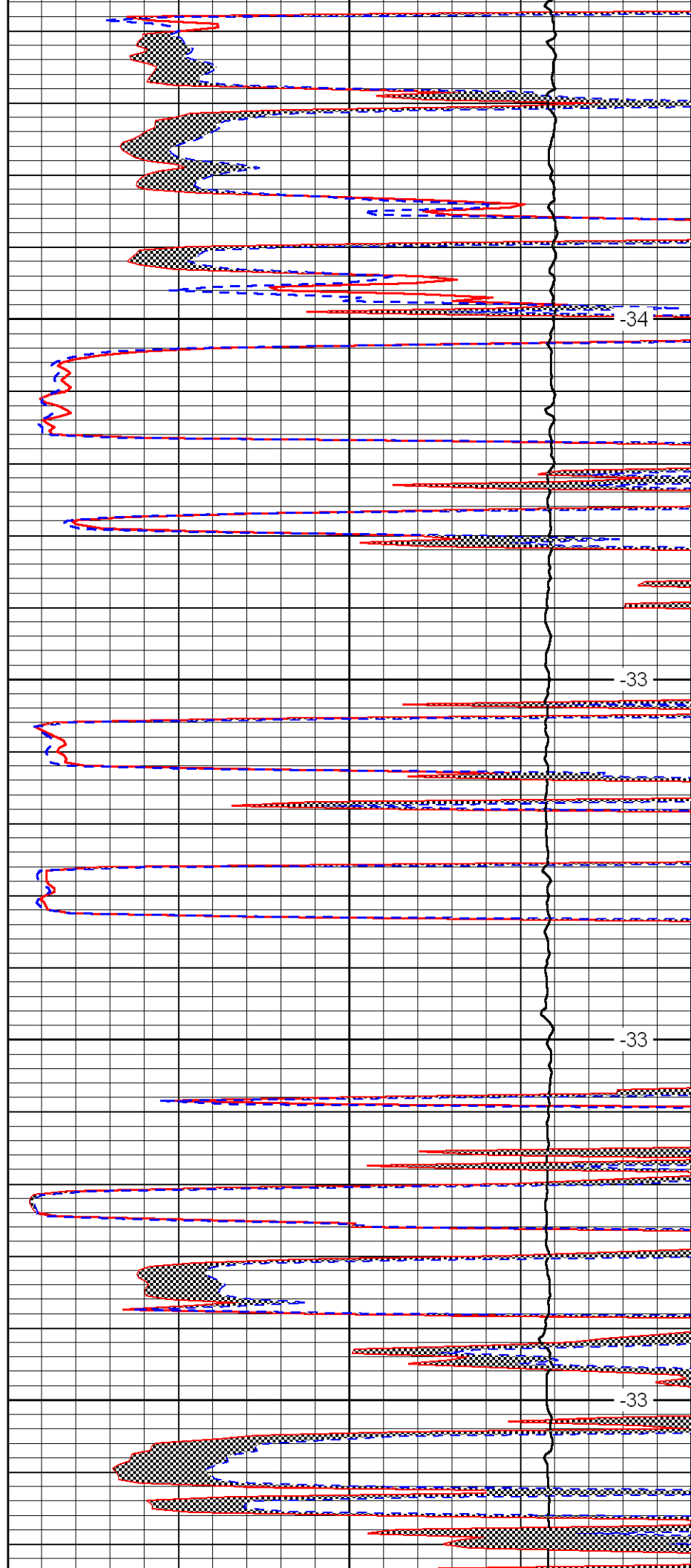


3950

4000

4050

4100

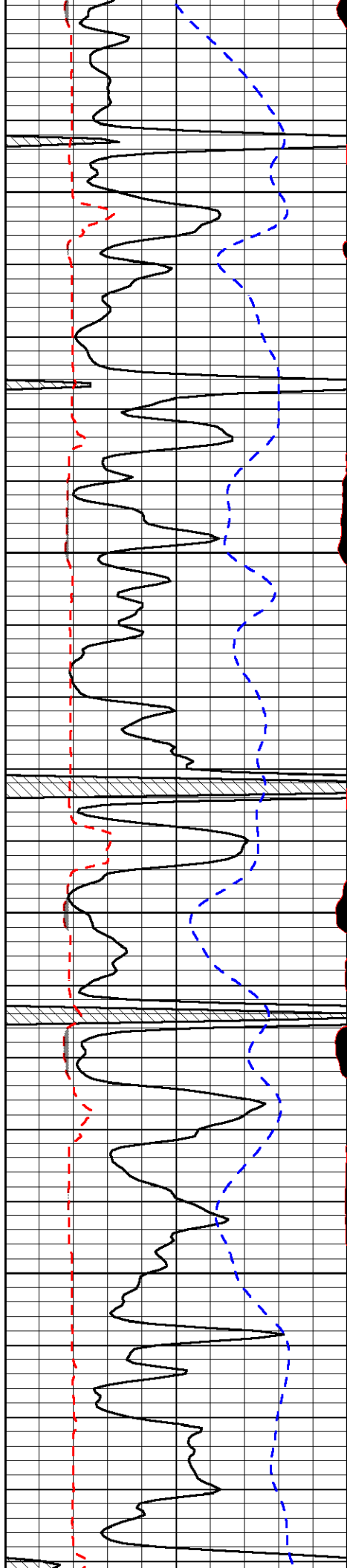


-34

-33

-33

-33

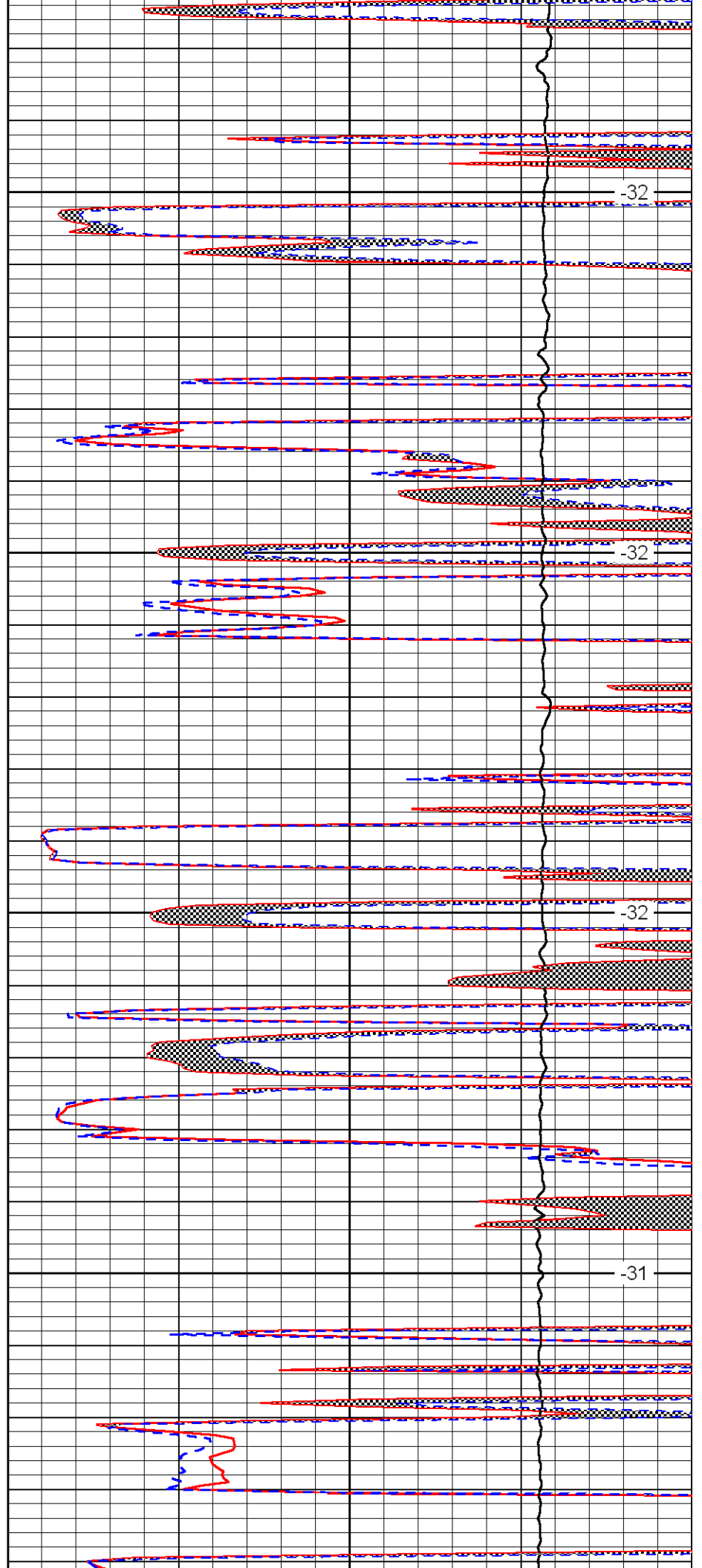


4150

4200

4250

4300

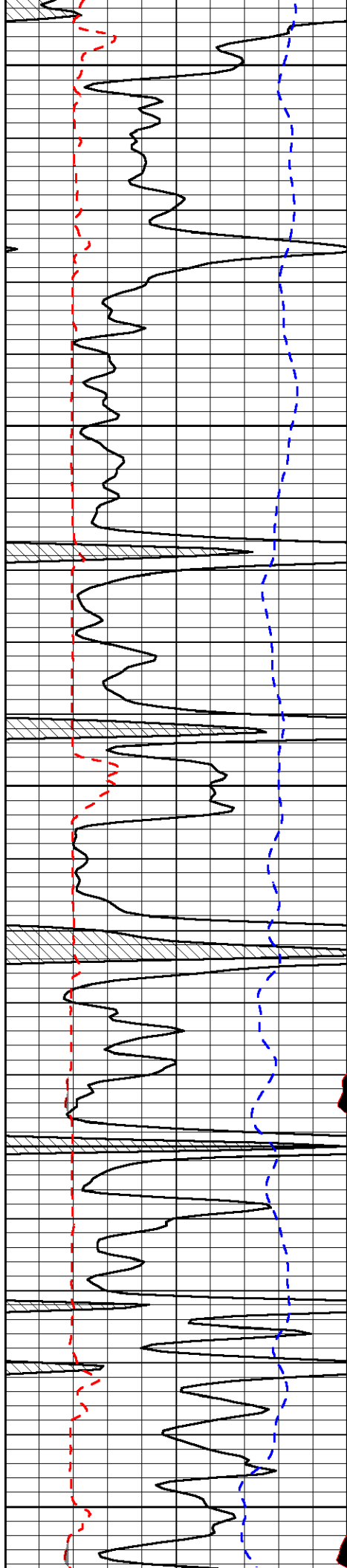


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-32

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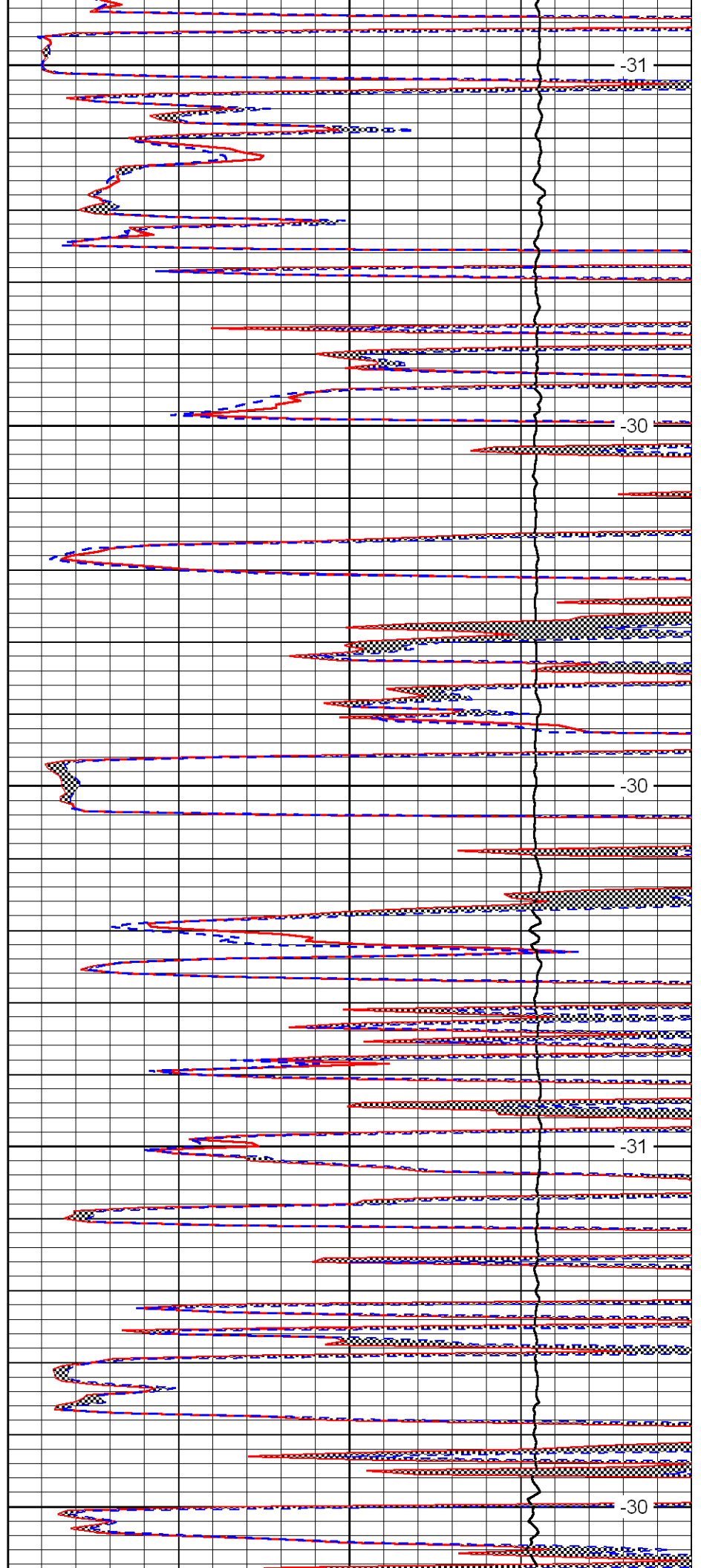
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4400

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4500

4550



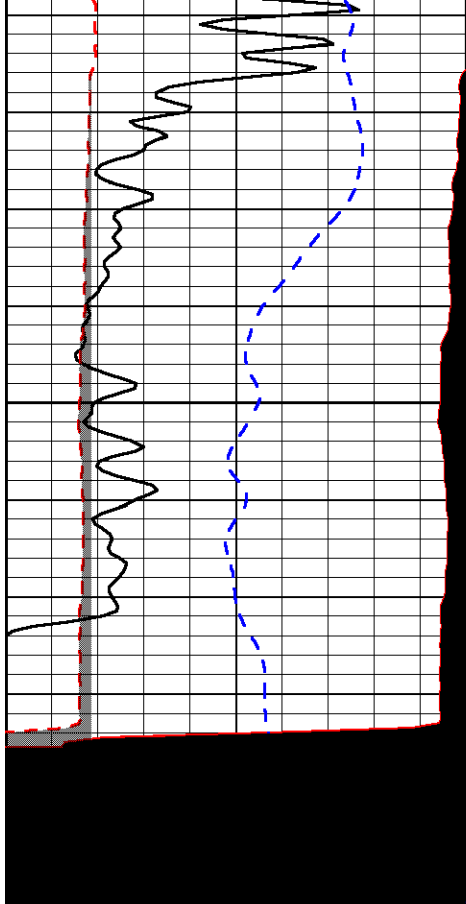
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-30

-31

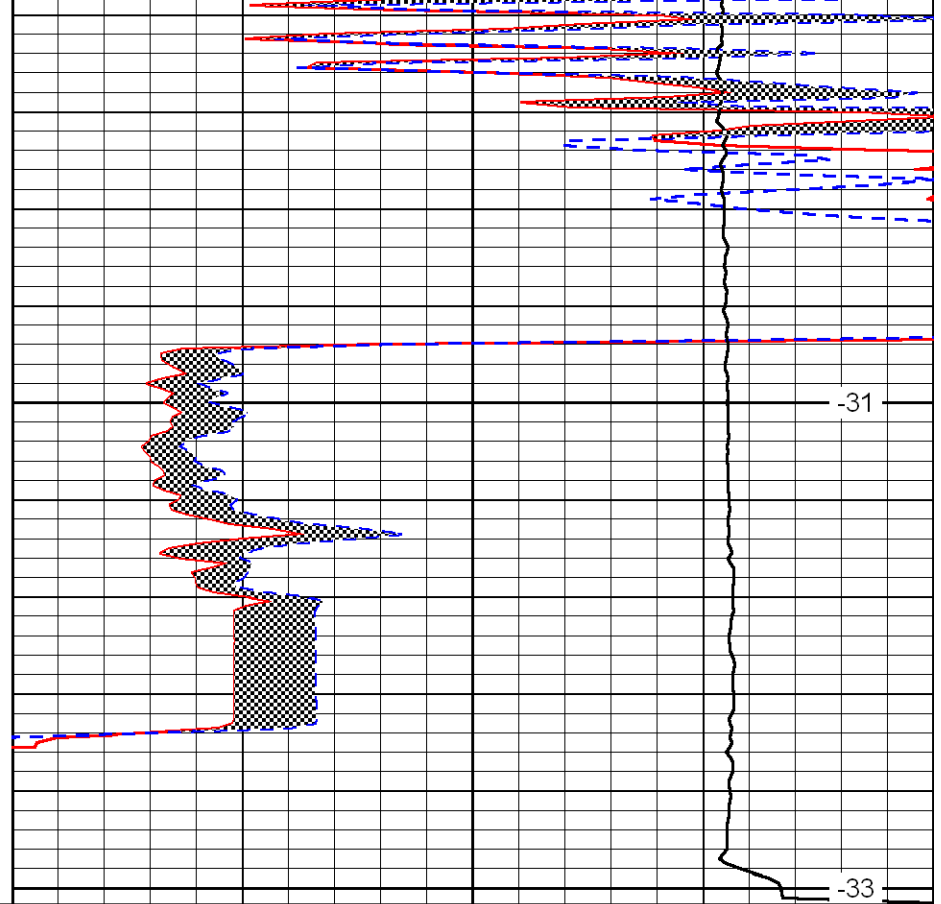
-30



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

4600

4650



-31

-33

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

LSPD