



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1096768
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: _____



1096768

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No 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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. _____	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Carmen Schmitt, Inc.
Well Name	Frontier Unit 1
Doc ID	1096768

All Electric Logs Run

Dual Compensated Porosity
Dual Induction
Microresistivity
Sonic

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
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 09, 2012

Carmen Schmitt
Carmen Schmitt, Inc.
PO BOX 47
GREAT BEND, KS 67530-0047

Re: ACO1
API 15-101-22382-00-00
Frontier Unit 1
NE/4 Sec.01-20S-30W
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,
Carmen Schmitt



DIGITAL LOG (785) 625-3858

Microresistivity Log

15-101-22,382-00-00

API No.

Company Carmen Schmitt, Inc.

Well Frontier Unit No. 1

Field Wildcat

County Lane State

Kansas

Location

NE NE NE NE
100' FNL & 100' FEL

Other Services
CNL/CDL
DIL/BHCS

Sec: 1 Twp: 20S Rge: 30W

Permanent Datum

Ground Level

Elevation

Log Measured From

Kelly Bushing 12 Ft. Above Perm. Datum

K.B. 2898

Drilling Measured From

Kelly Bushing

D.F. 2886

Date

7/10/2012

Run Number

Two

Depth Driller

4750

Depth Logger

4747

Bottom Logged Interval

4746

Top Log Interval

3500

Casing Driller

8.625 @ 222

Casing Logger

222

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

2700

Density / Viscosity

9.1 32

pH / Fluid Loss

9.0 11.2

Source of Sample

Flowline

Rm @ Meas. Temp

.87 @ 78

Rmf @ Meas. Temp

.65 @ 78

Rmc @ Meas. Temp

1.17 @ 78

Source of Rmf / Rmc

Charts

Rm @ BHT

.55 @ 124

Operating Rig Time

5 Hours

Max Rec. Temp. F

124

Equipment Number

108

Location

Hays

Recorded By

J. Long

Witnessed By

Vern Schrag

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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

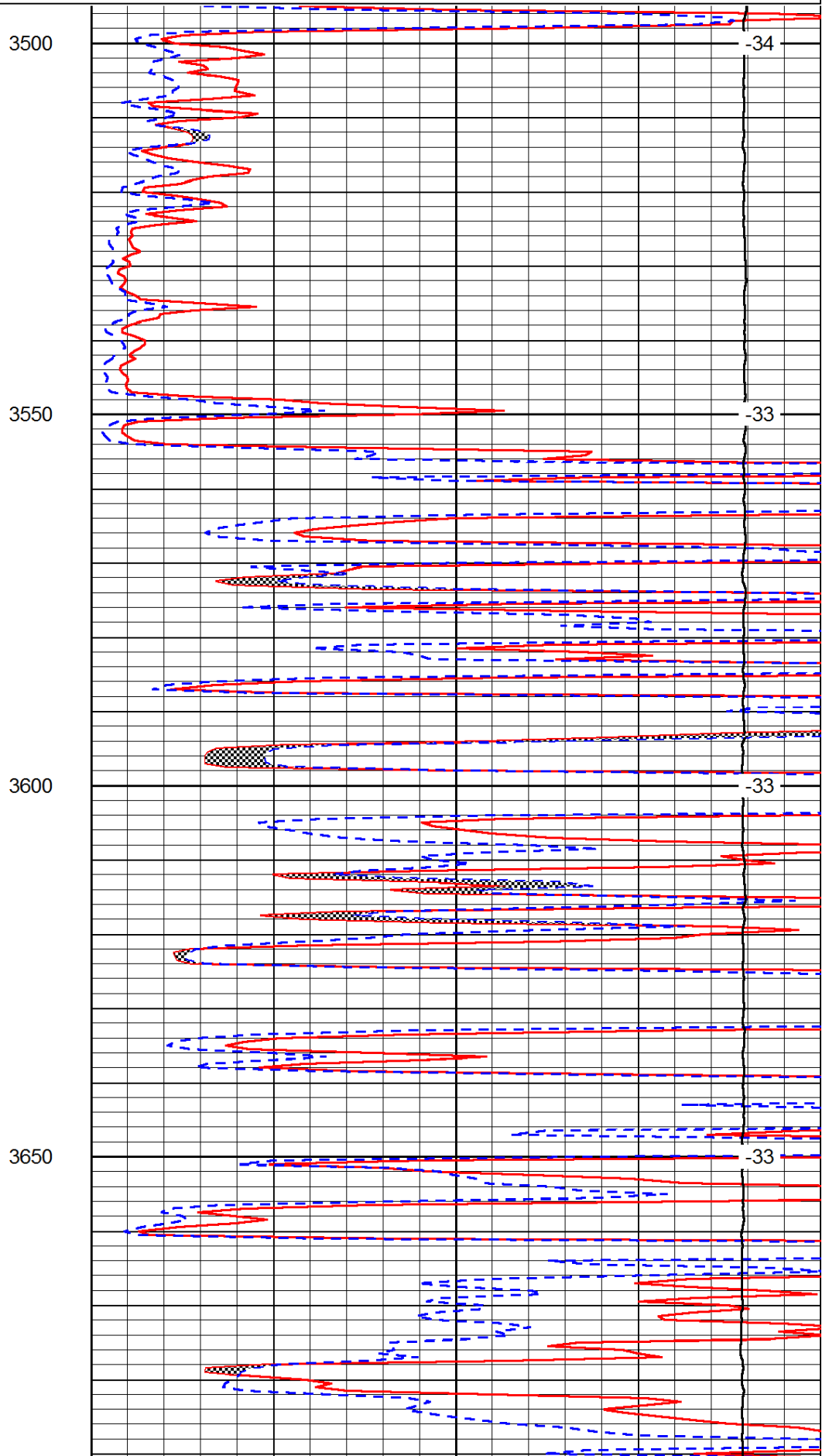
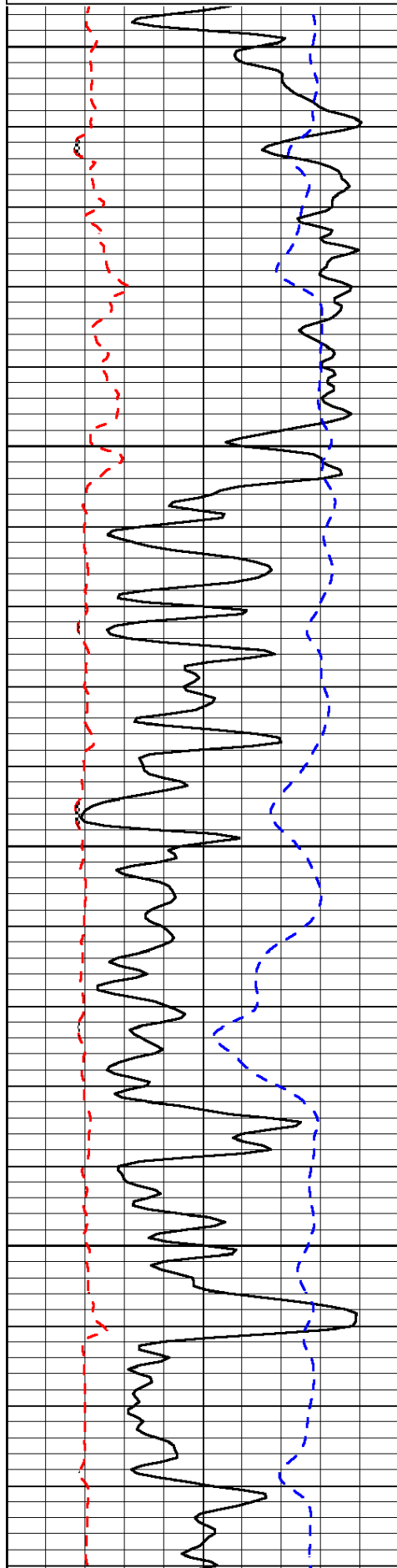
Dighton, 9 South to 60 Road, 6 West, Southwest Into

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 Presentation Format: micro
 Dataset Creation: Tue Jul 10 11:01:53 2012
 Charted by: Depth in Feet scaled 1:240

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6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0

LSPD



3500

3550

3600

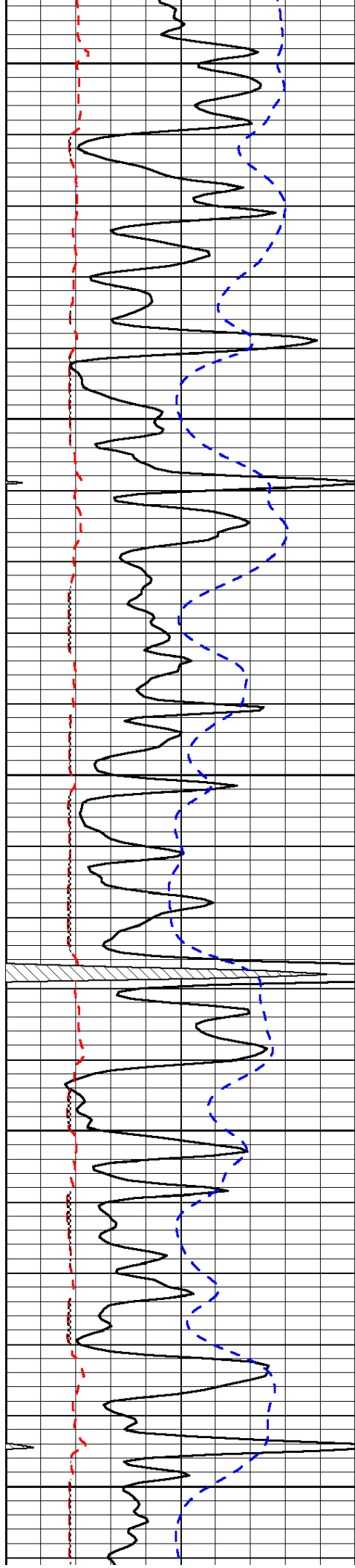
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-34

-33

-33

-33



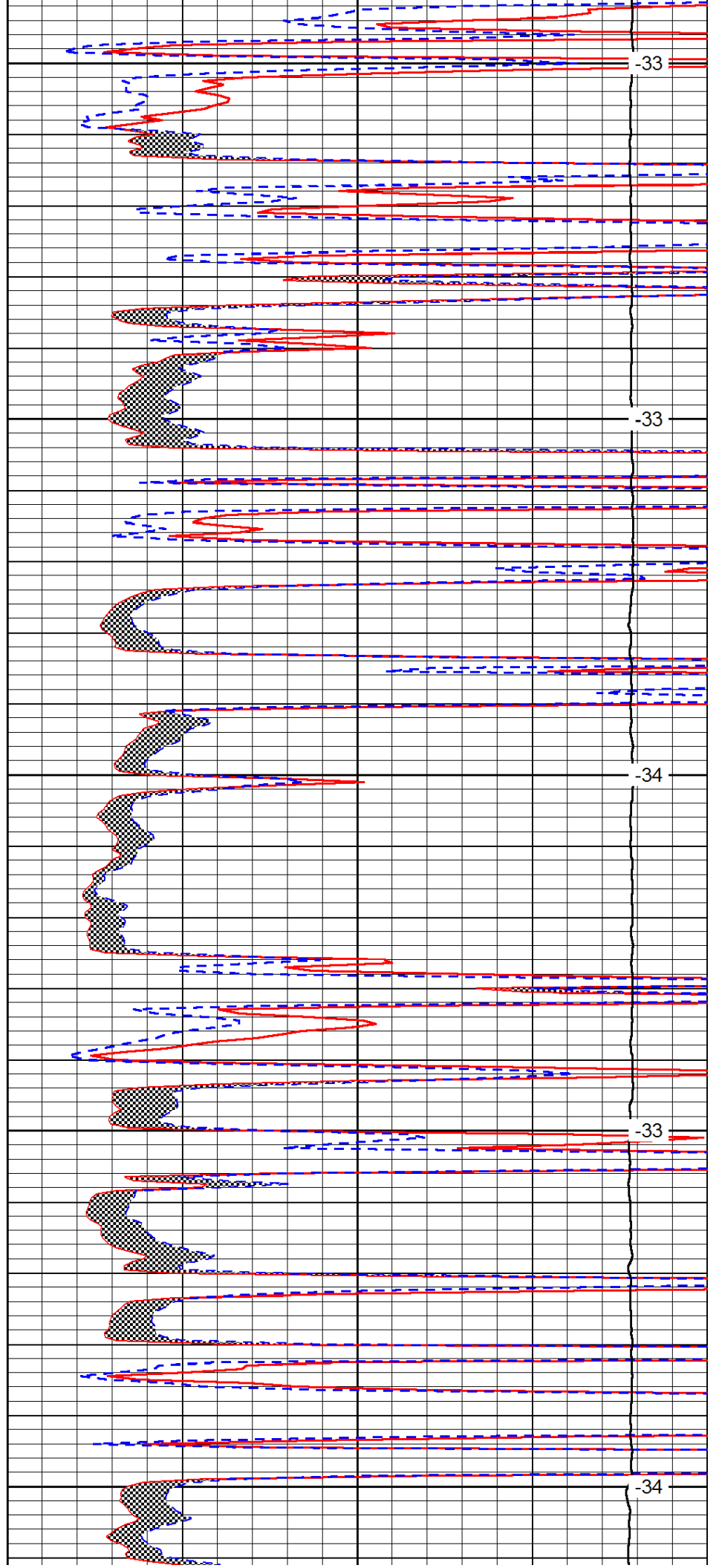
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3750

3800

3850

3900



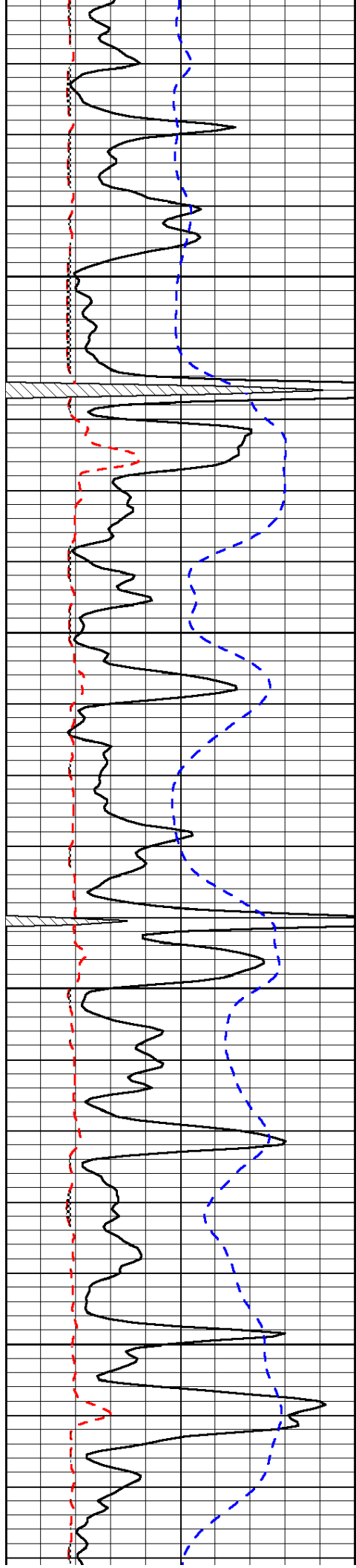
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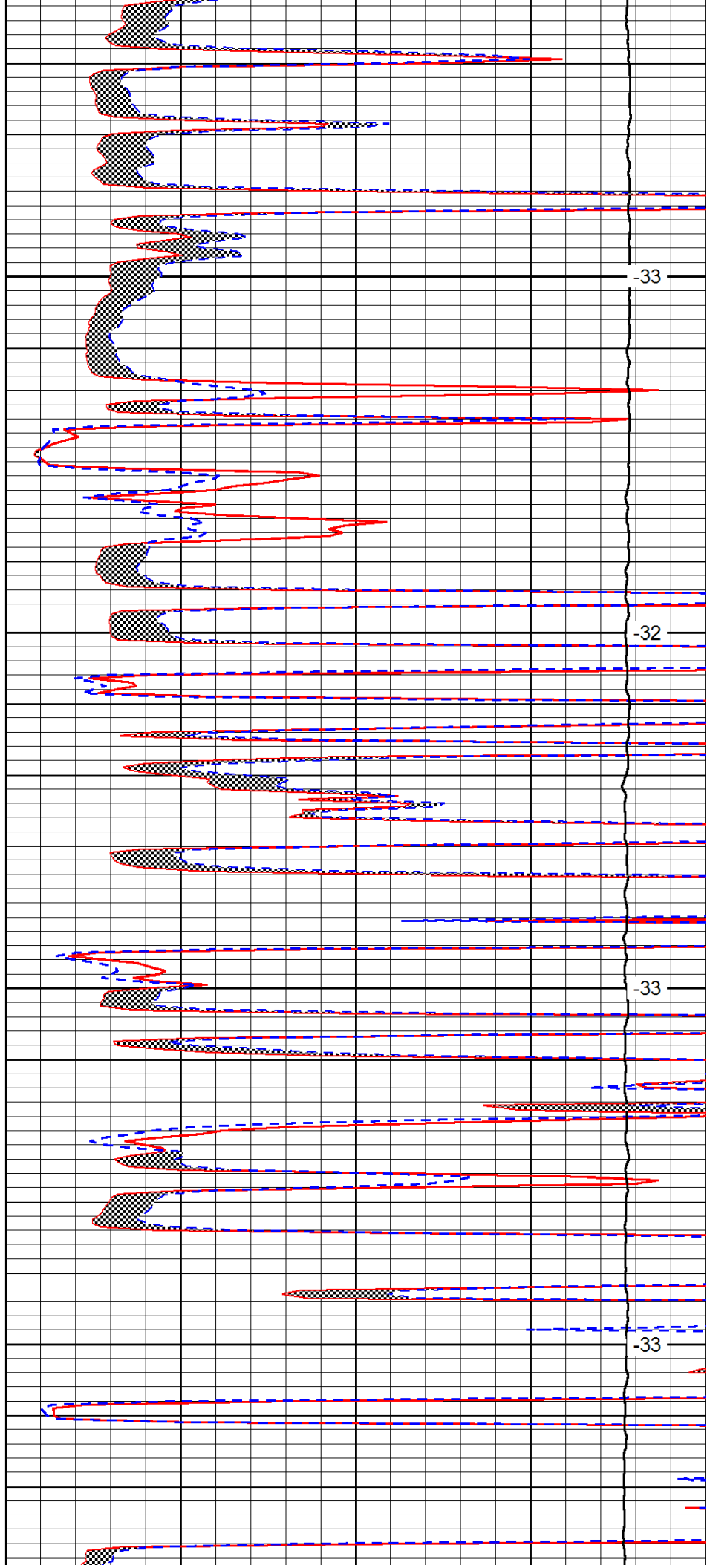


3950

4000

4050

4100

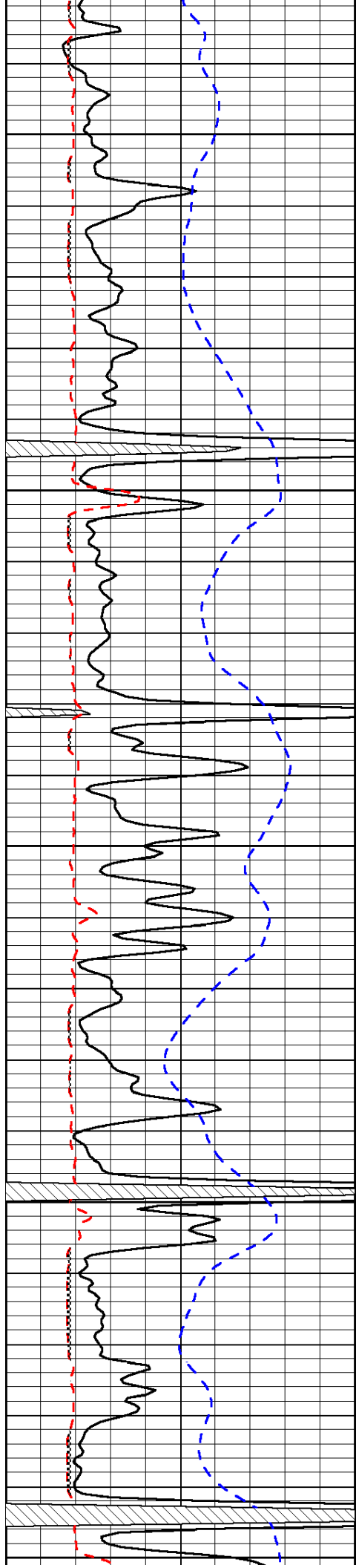


-33

-32

-33

-33



4150

-33

4200

-34

4250

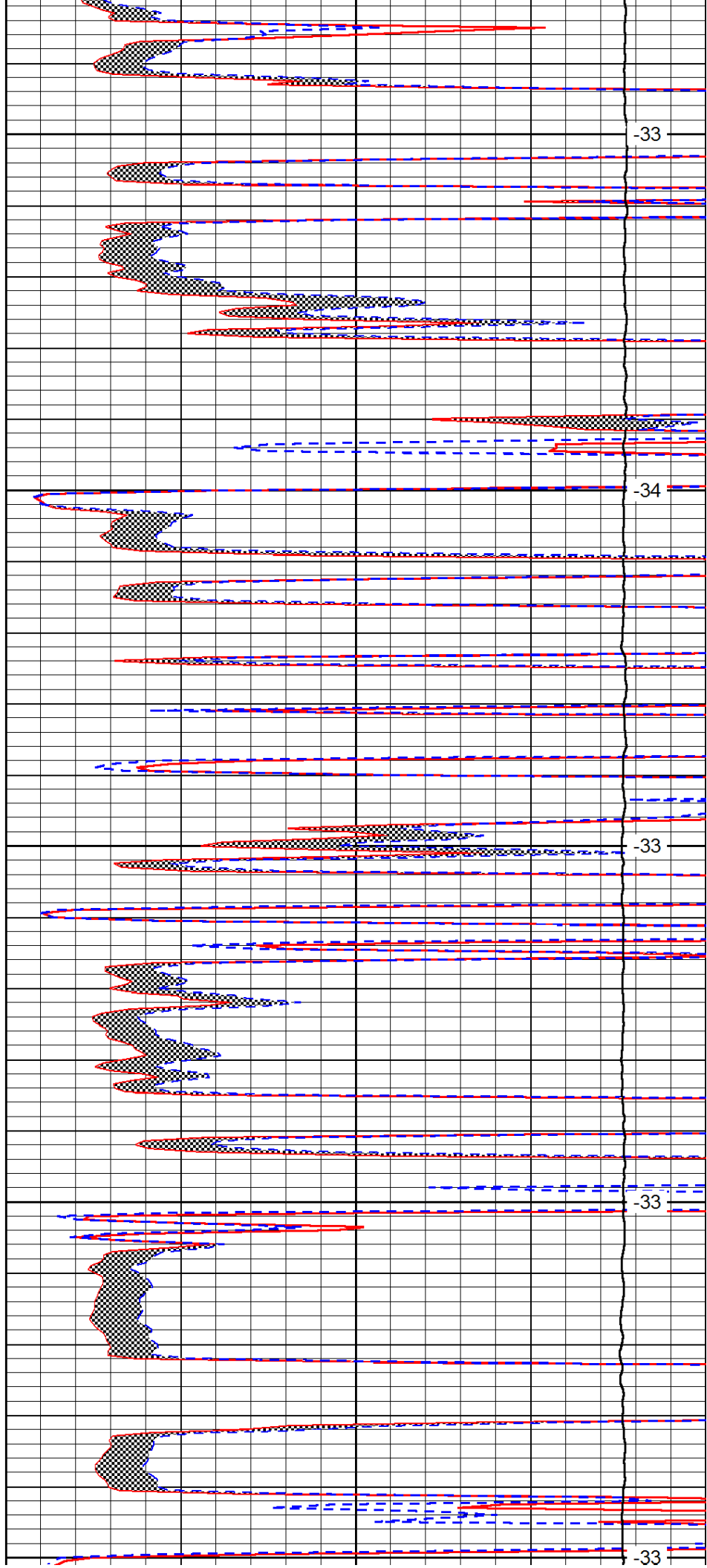
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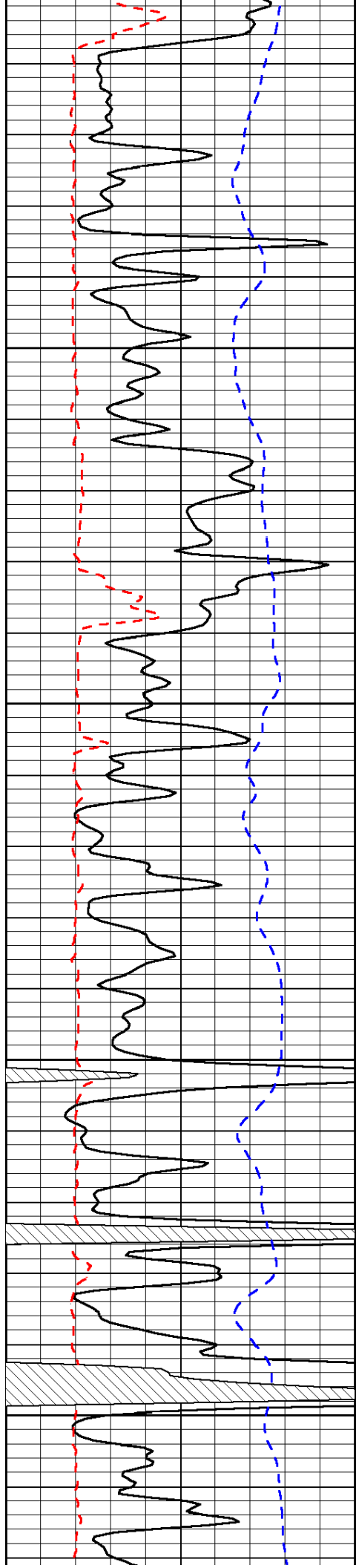
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-33

4350

-33



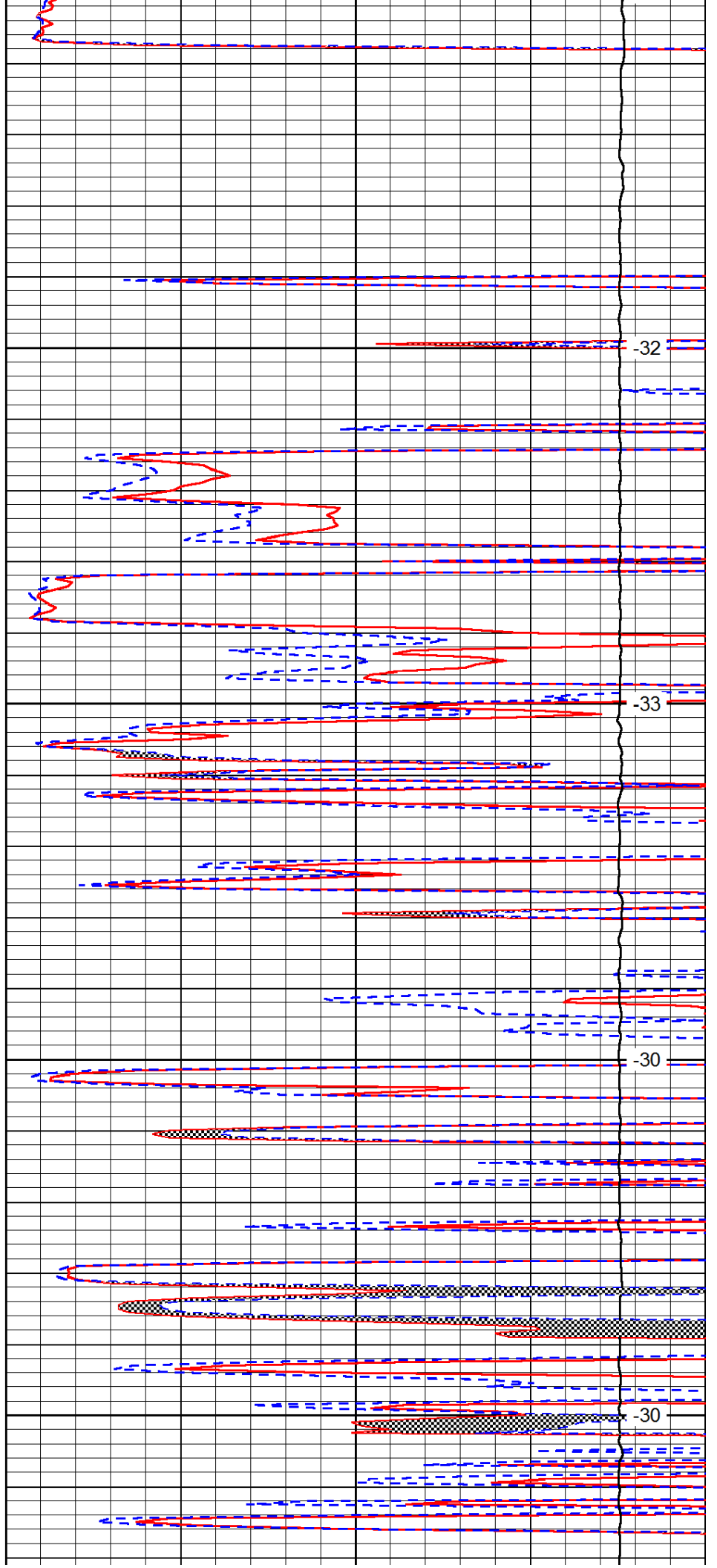


4400

4450

4500

4550

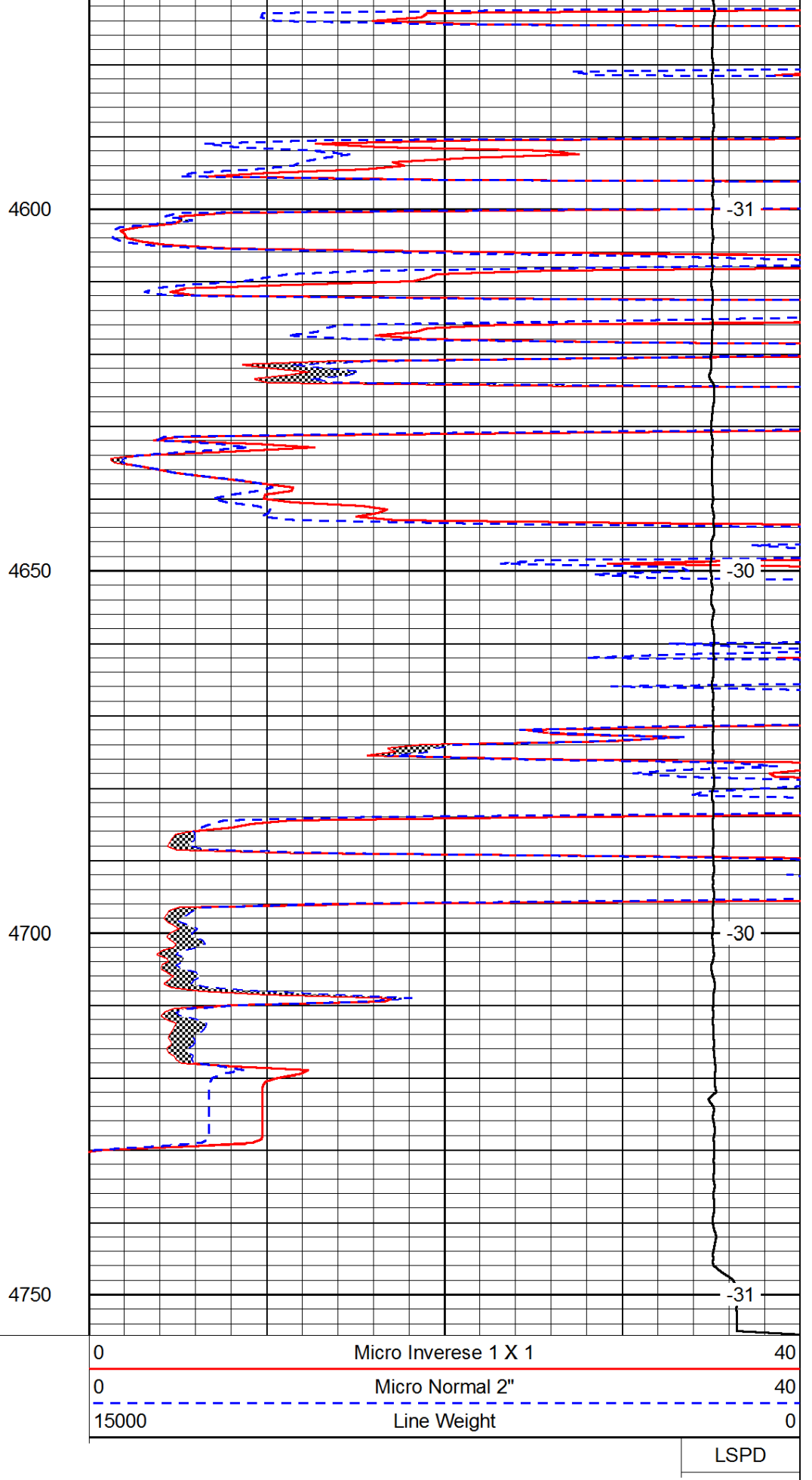
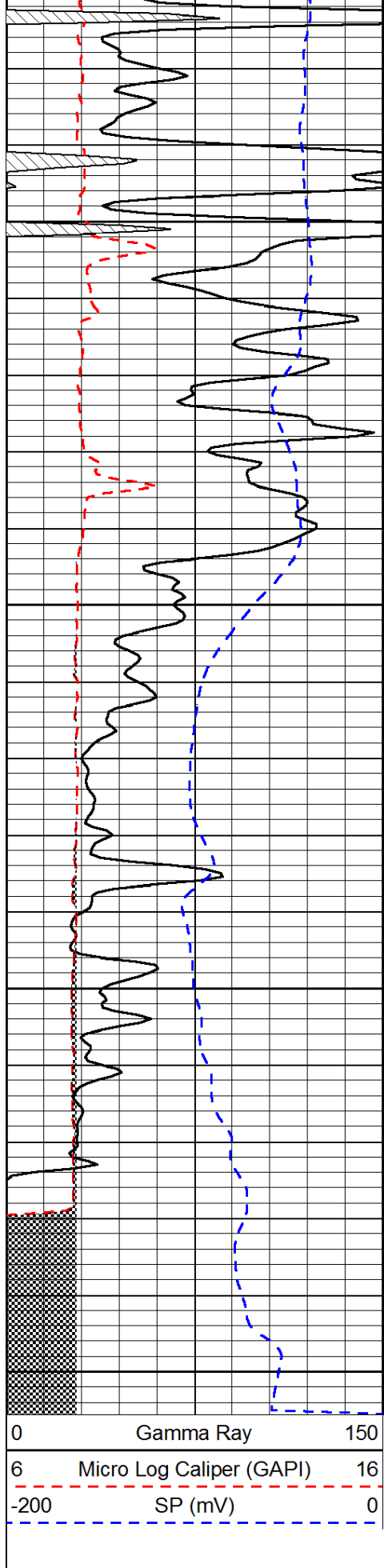


-32

-33

-30

-30



LSPD



DIGITAL LOG (785) 625-3858

Dual Induction Log

15-101-22,382-00-00

API No.

Company Carmen Schmitt, Inc.
 Well Frontier Unit No. 1
 Field Wildcat
 County Lane State Kansas

Location NENE NE
 100' FNL & 100' FEL

Sec: 1 Twp: 20S Rge: 30W

Other Services
 CNL/CDL
 MEL/BHCS

Permanent Datum Ground Level Elevation 2886
 Log Measured From Kelly Bushing 12 Ft. Above Perm. Datum
 Drilling Measured From Kelly Bushing

Elevation
 K.B. 2898
 D.F.
 G.L. 2886

Date	7/10/2012	
Run Number	One	
Depth Driller	4750	
Depth Logger	4747	
Bottom Logged Interval	4746	
Top Log Interval	200	
Casing Driller	8.625 @ 222	
Casing Logger	222	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	2700	
Density / Viscosity	9.1 32	
pH / Fluid Loss	9.0 11.2	
Source of Sample	Flowline	
Rm @ Meas. Temp	.87 @ 78	
Rmf @ Meas. Temp	.65 @ 78	
Rmc @ Meas. Temp	1.17 @ 78	
Source of Rmf / Rmc	Charts	
Rm @ BHT	.55 @ 124	
Operating Rig Time	5 Hours	
Max Rec. Temp. F	124	
Equipment Number	108	
Location	Hays	
Recorded By	J. Long	
Witnessed By	Vern Schrag	

<<< Fold Here >>>

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Comments

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 (785) 625-3858

Dighton, 9 South to 60 Road, 6 West, Southwest Into

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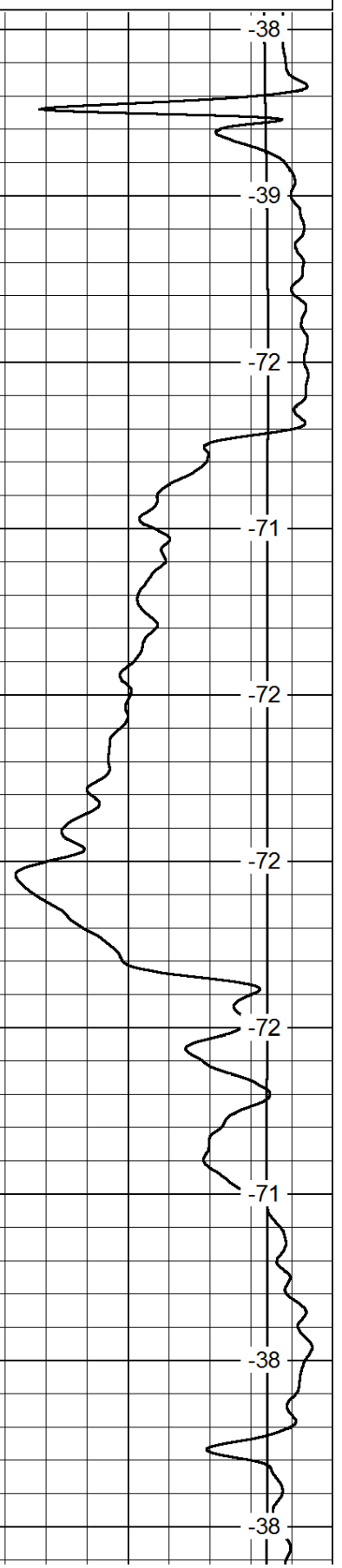
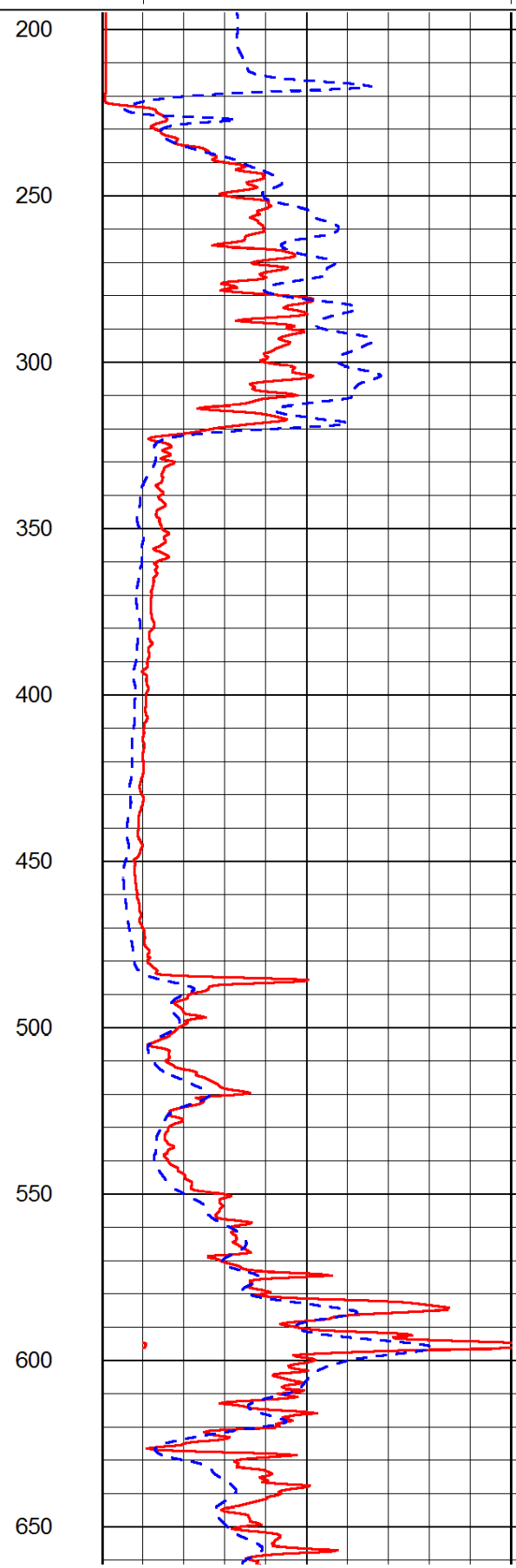
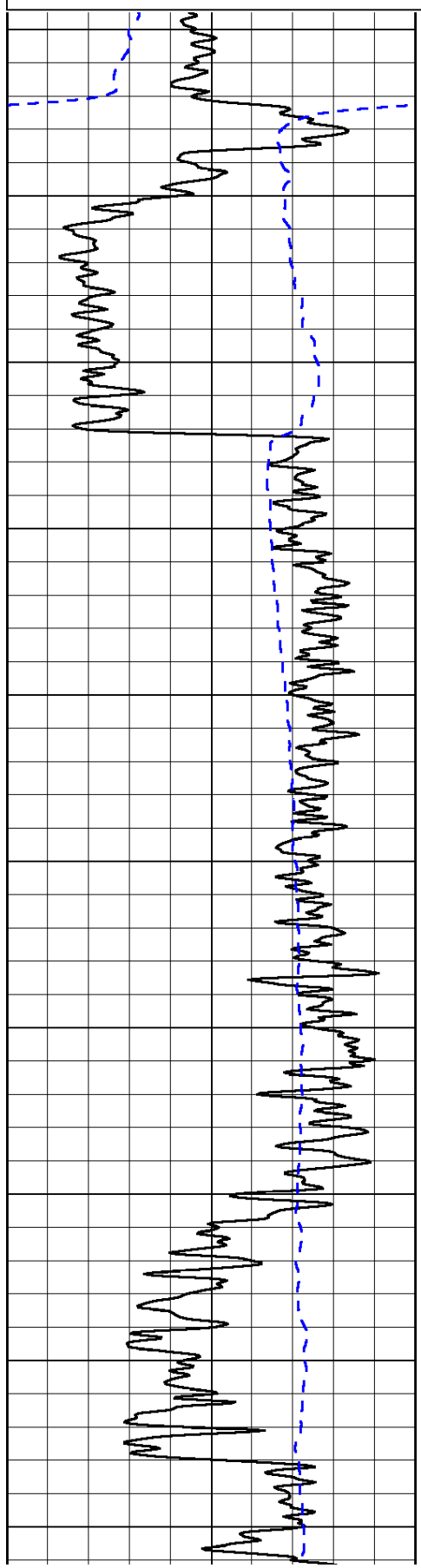
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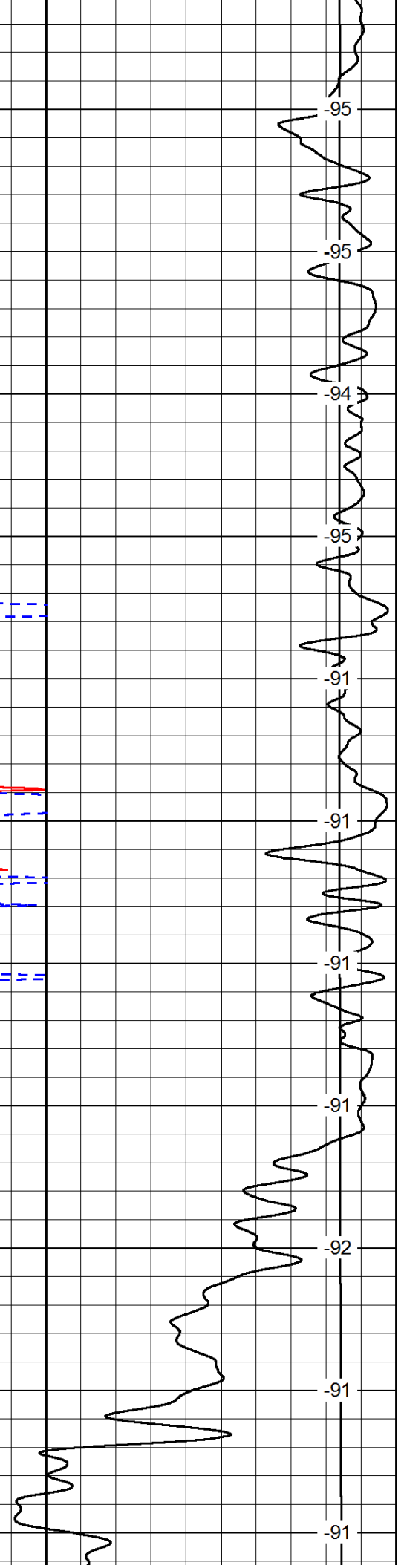
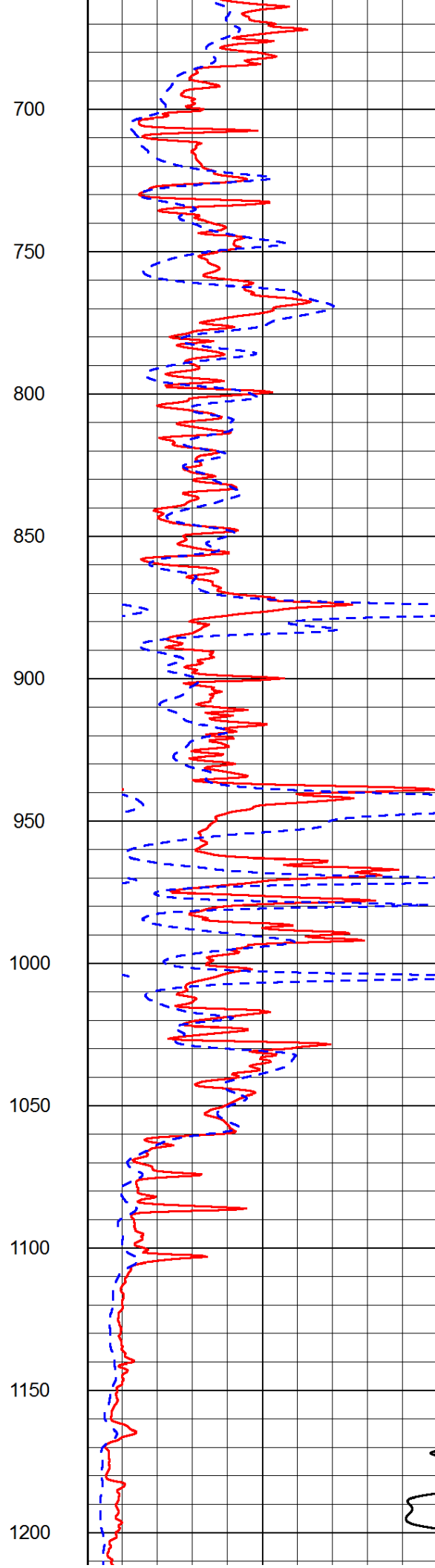
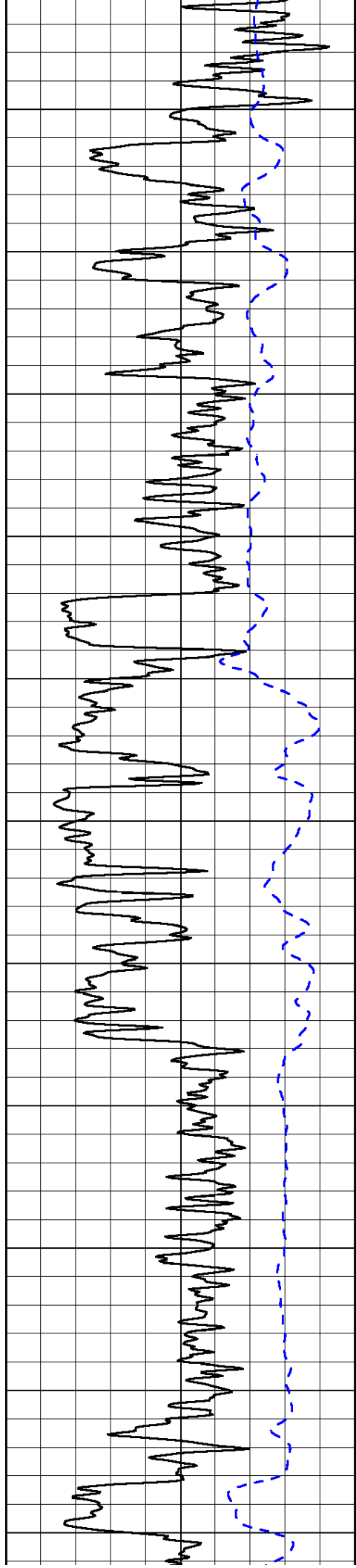
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0	Deep Resistivity	50

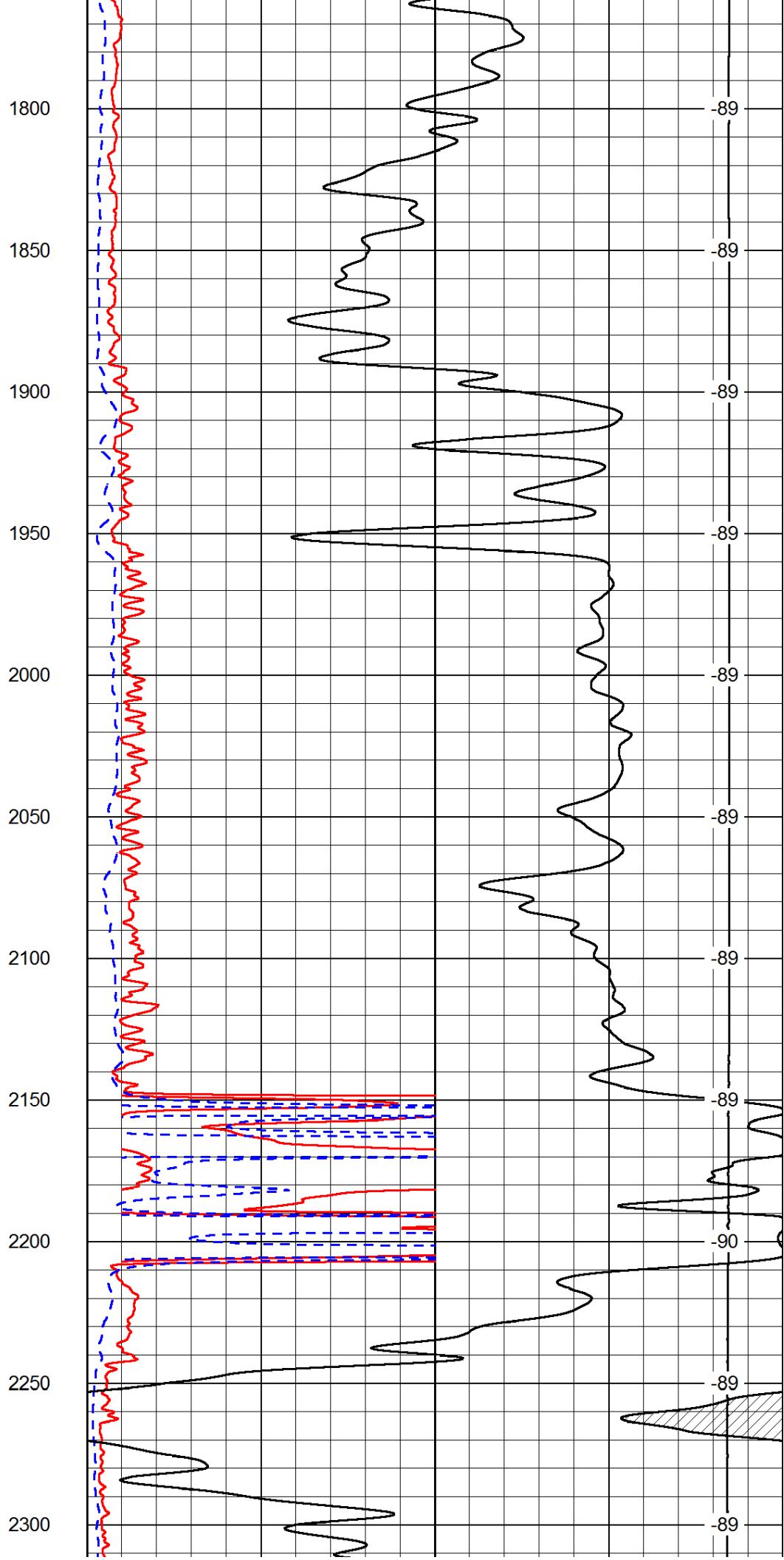
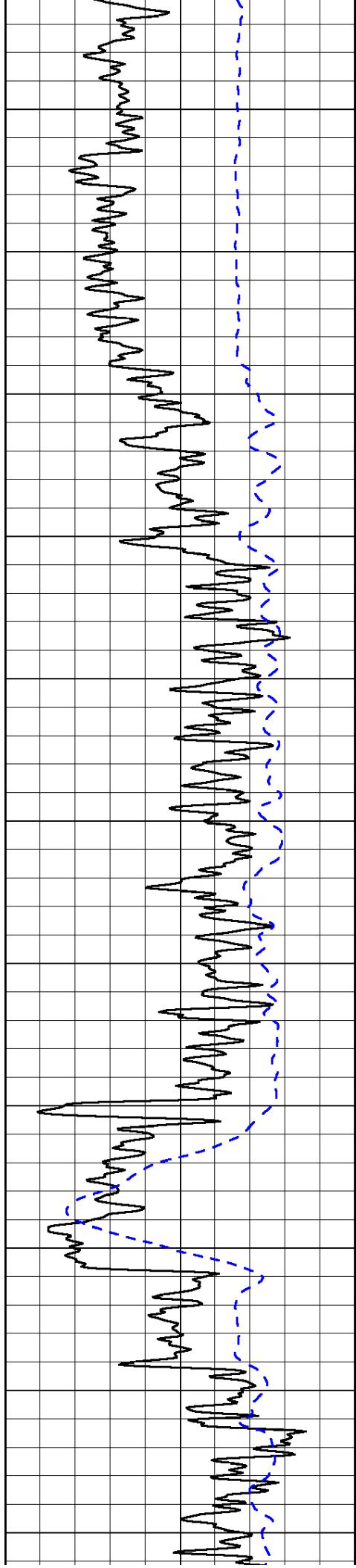
LSPD

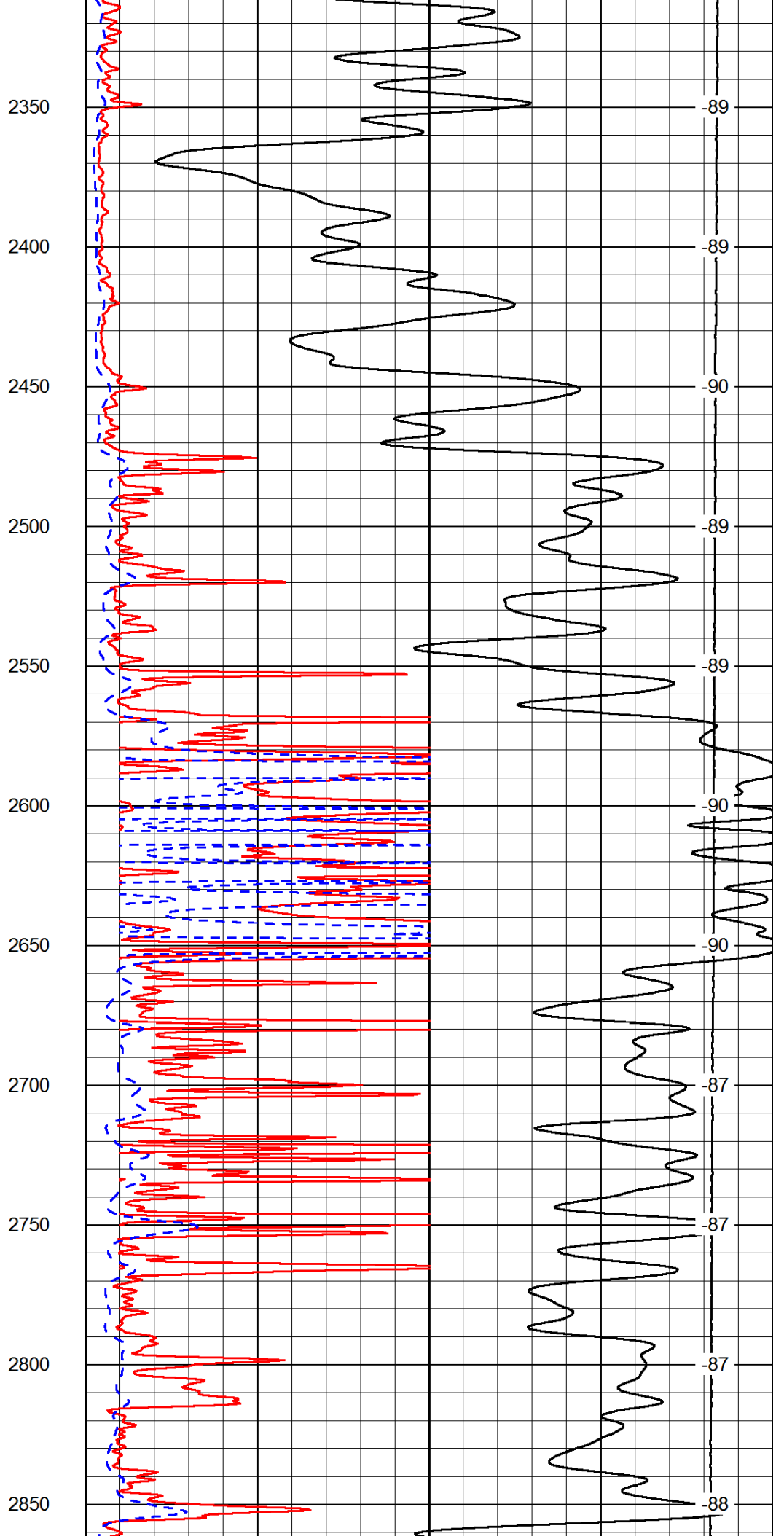
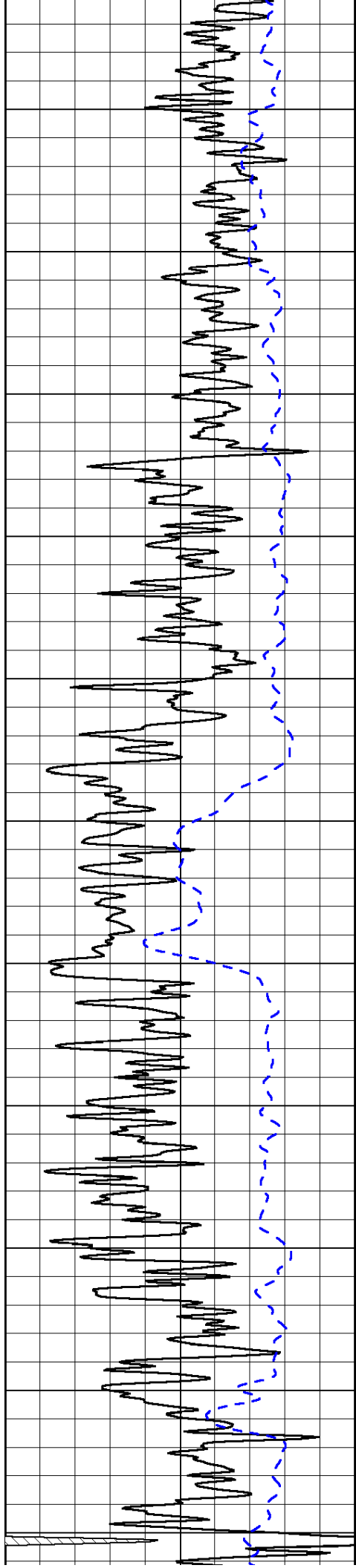
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15000	Line Tension	0

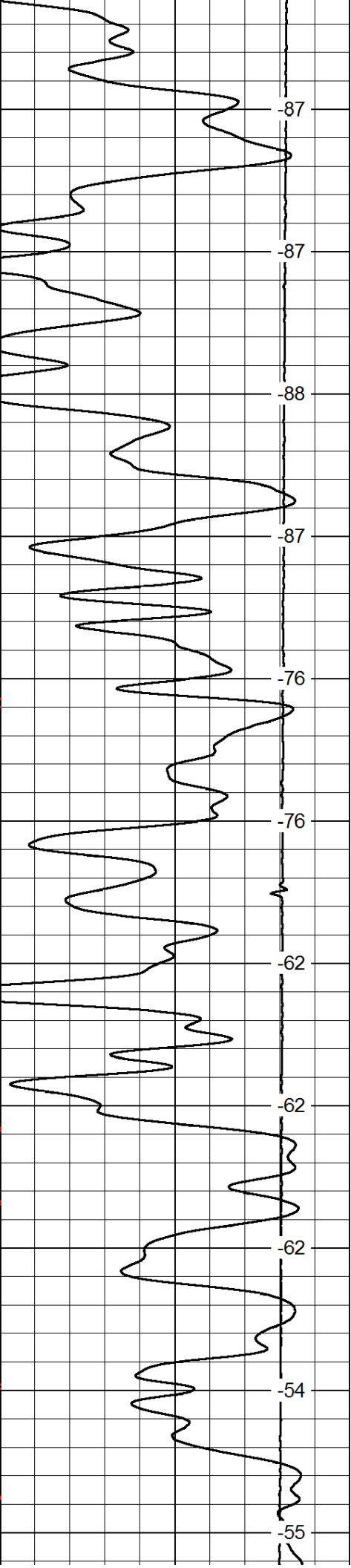
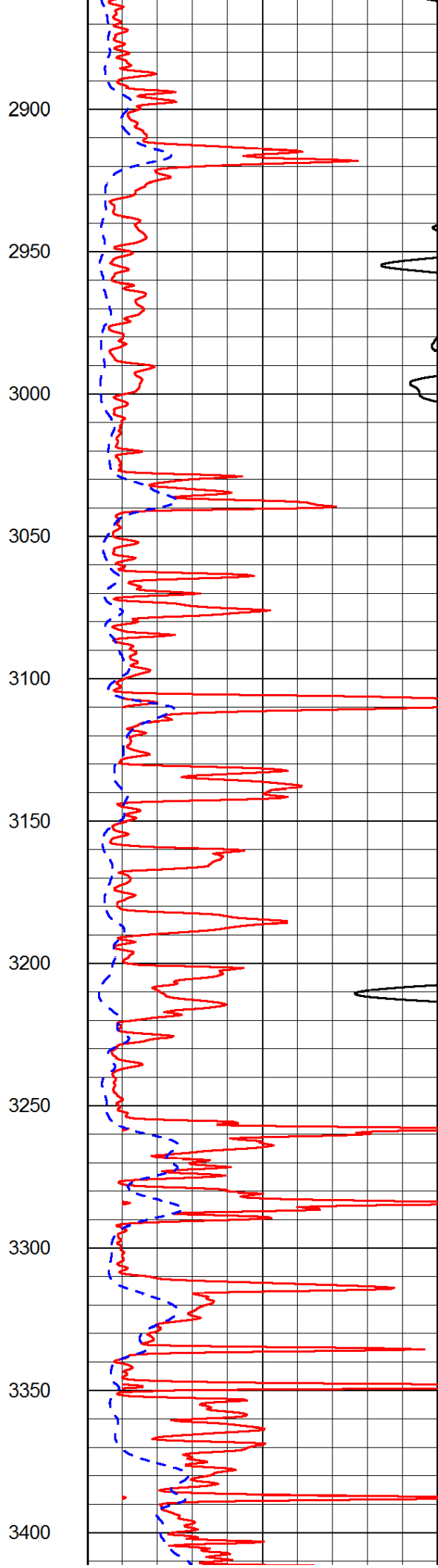
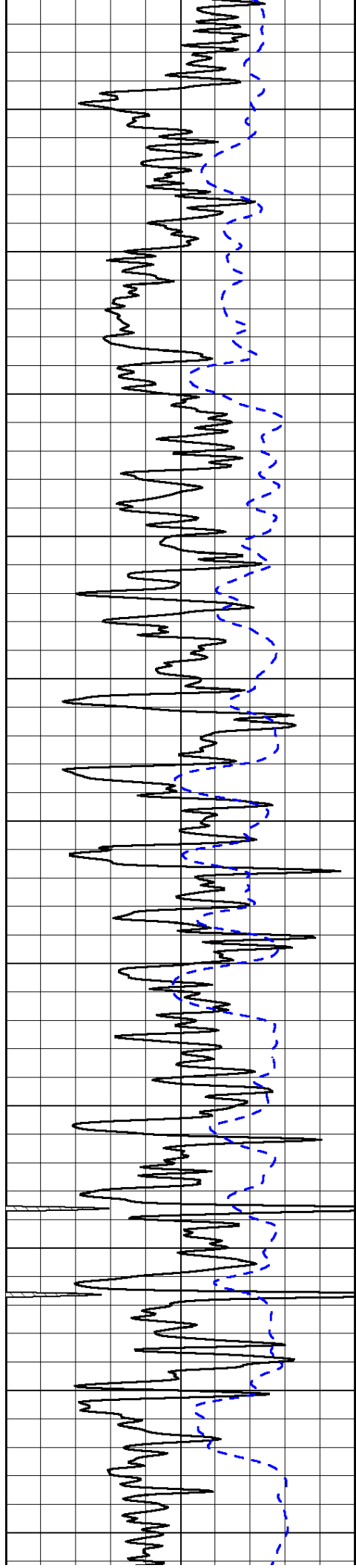
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50	Deep Resistivity	500

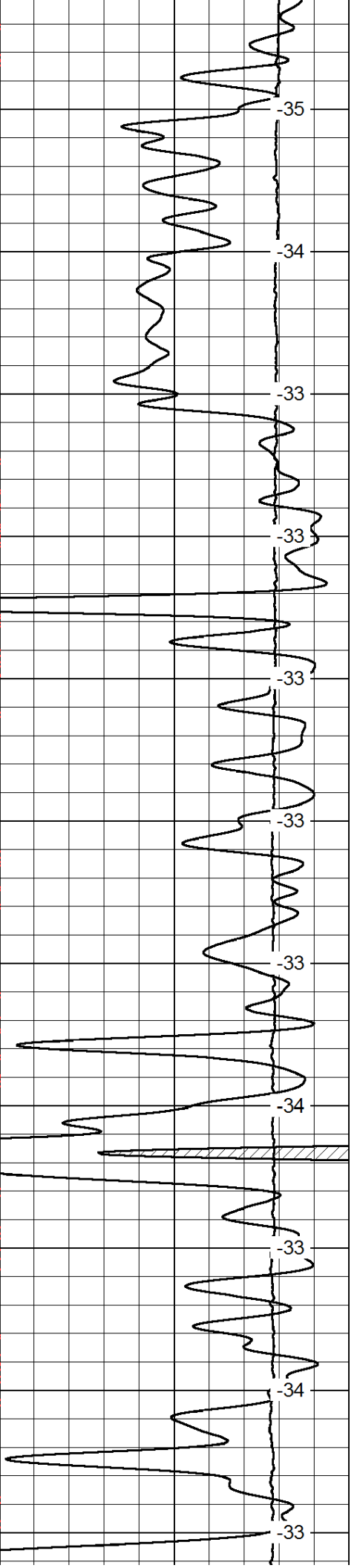
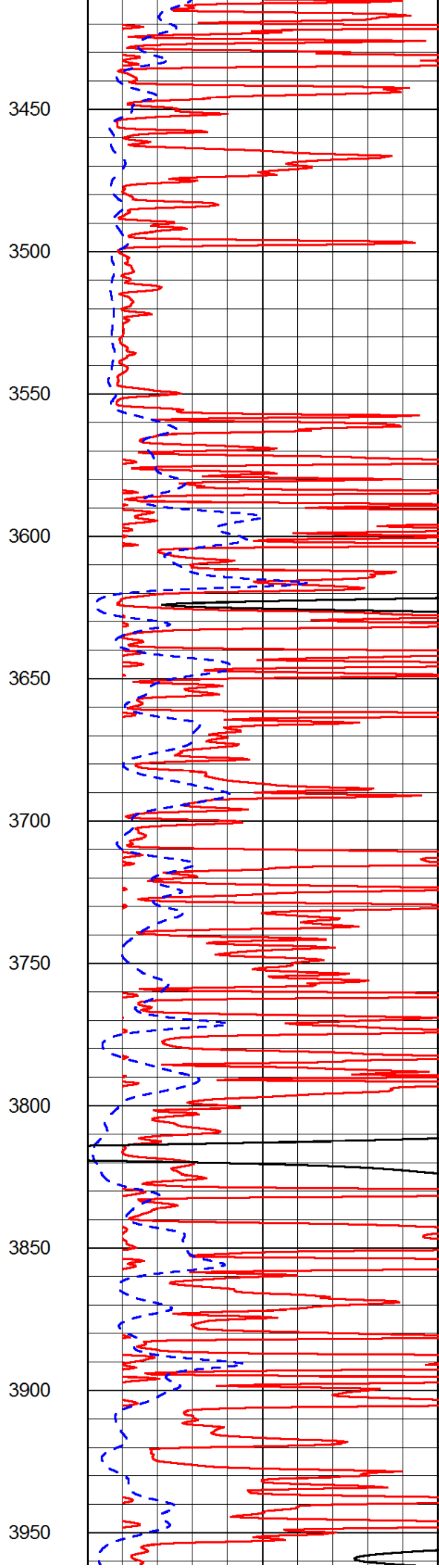
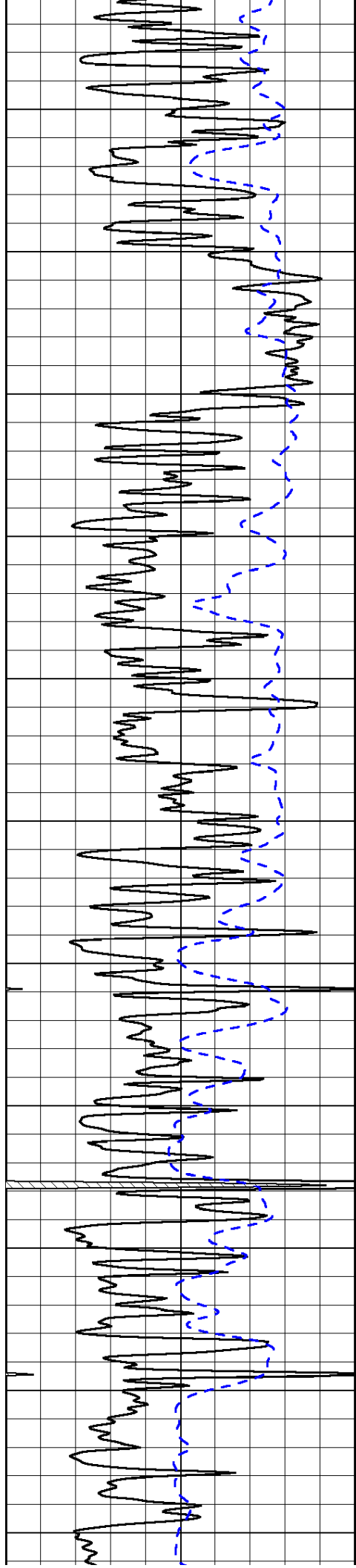


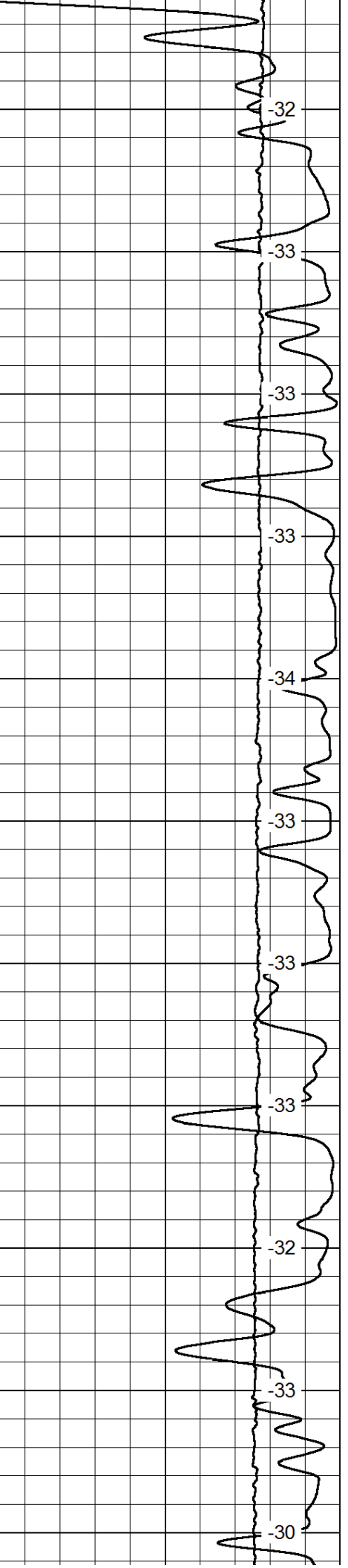
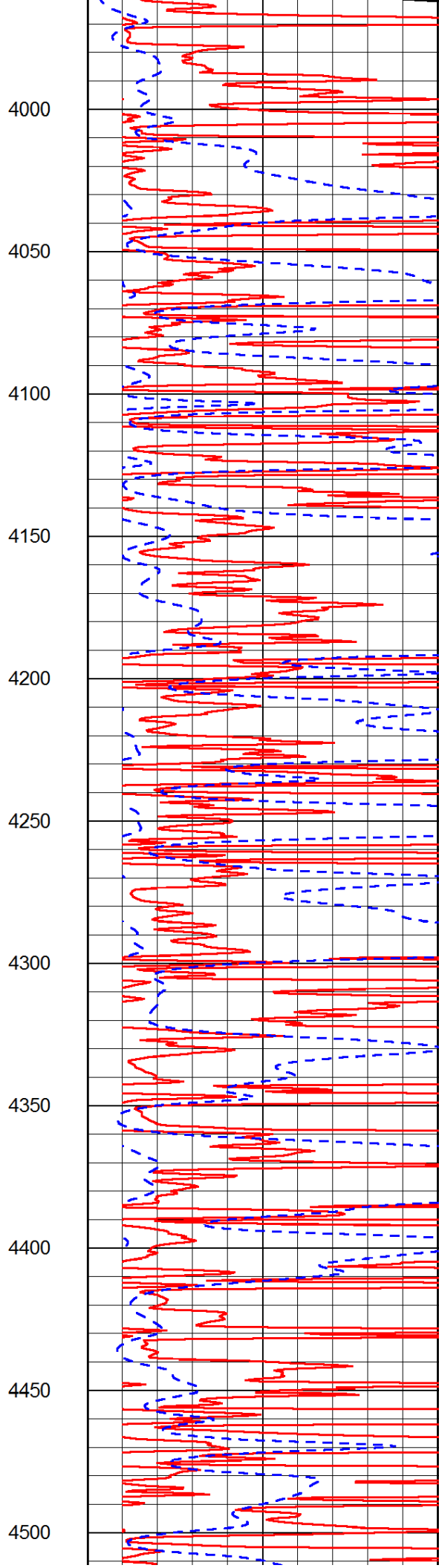
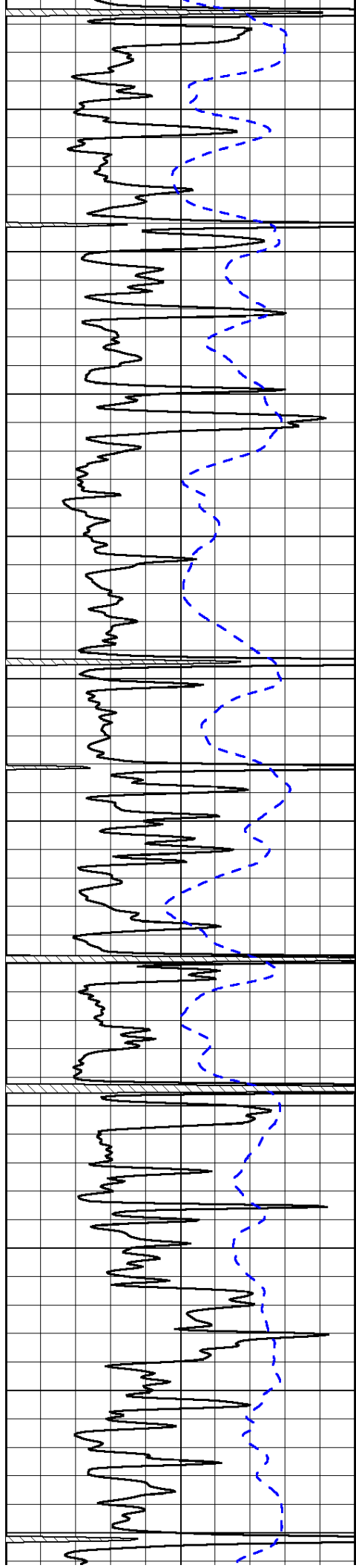


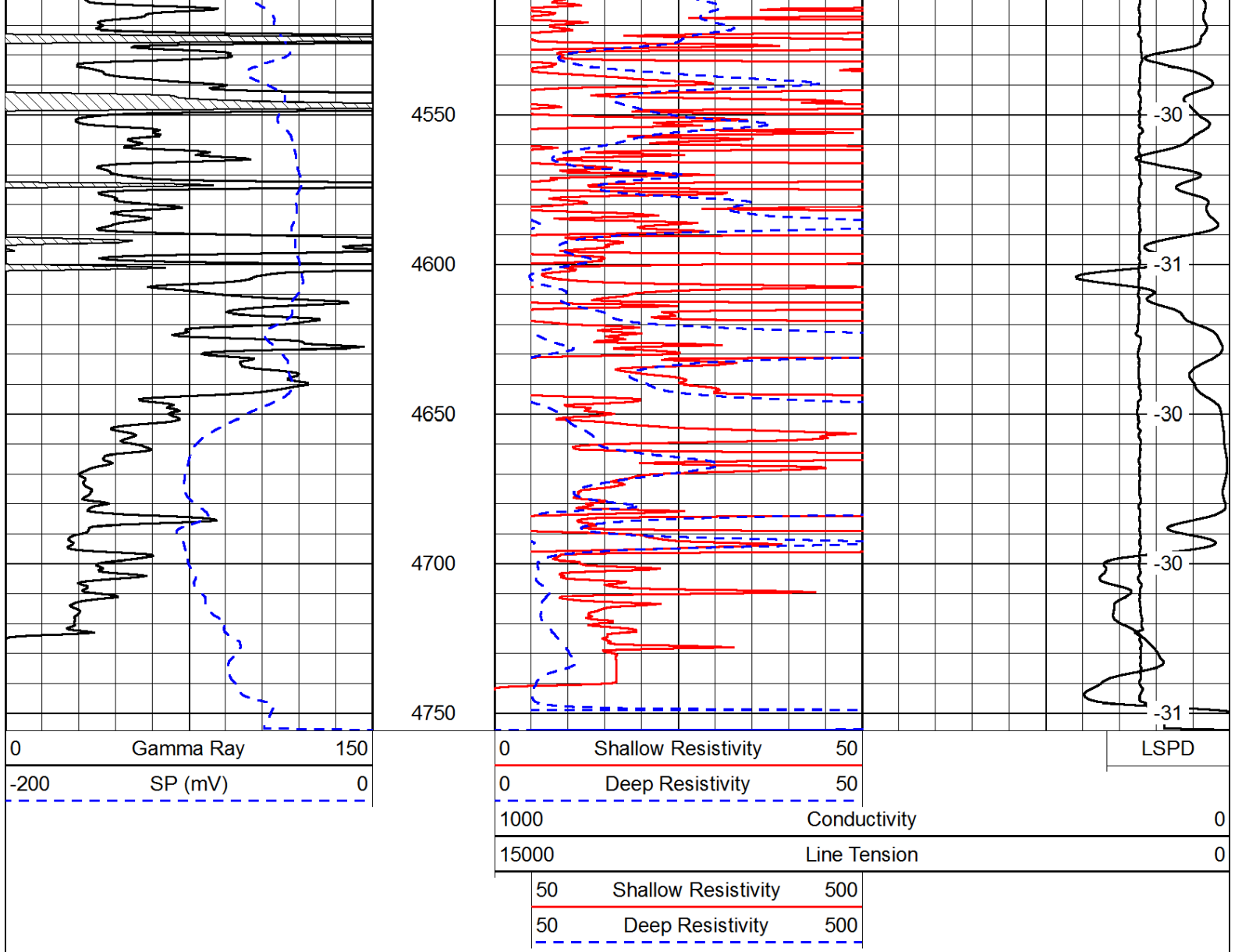




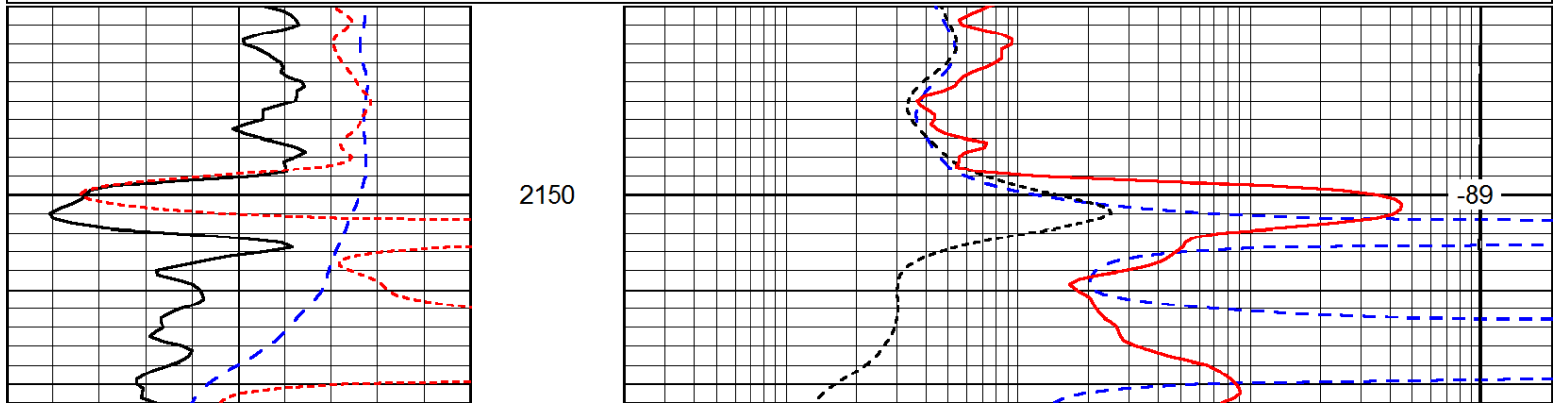
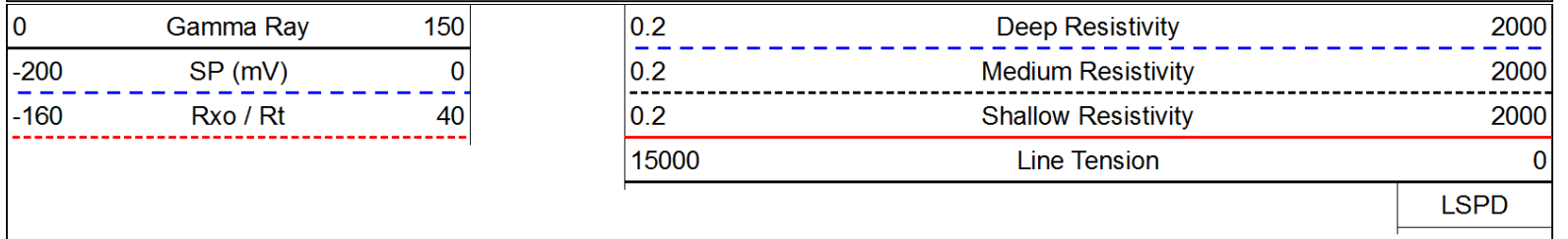


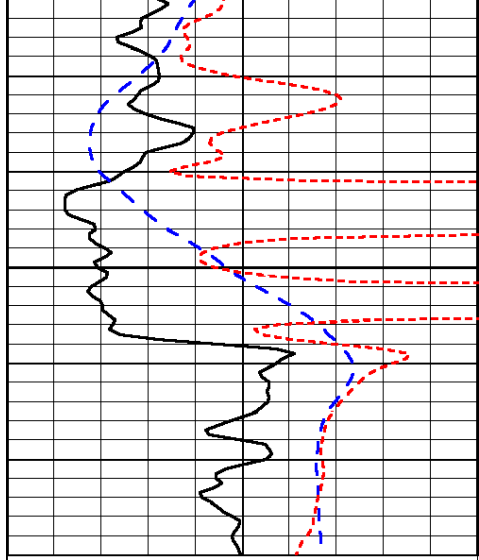






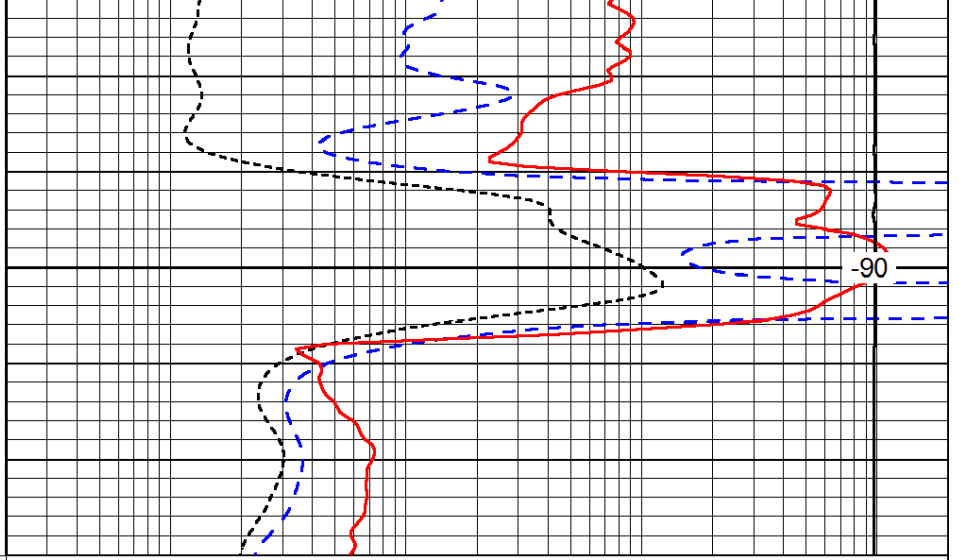
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 Presentation Format: dil
 Dataset Creation: Tue Jul 10 11:01:53 2012
 Charted by: Depth in Feet scaled 1:240





0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

2200



0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

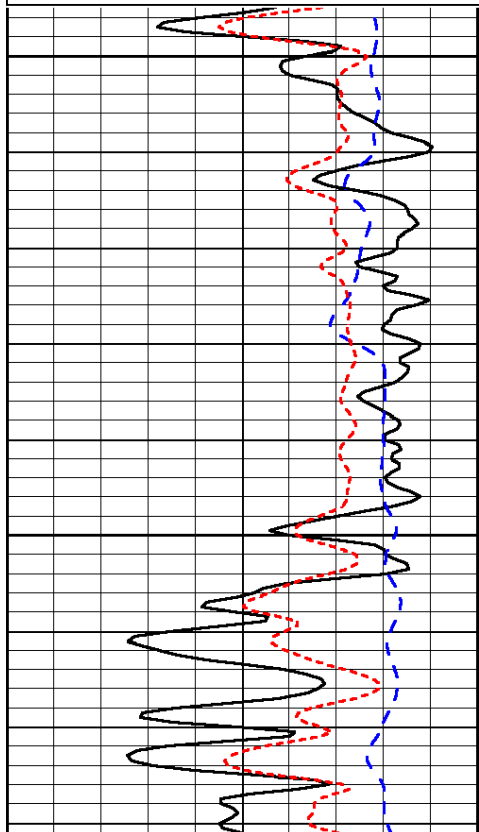
LSPD

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-200	SP (mV)	0
-160	Rxo / Rt	40

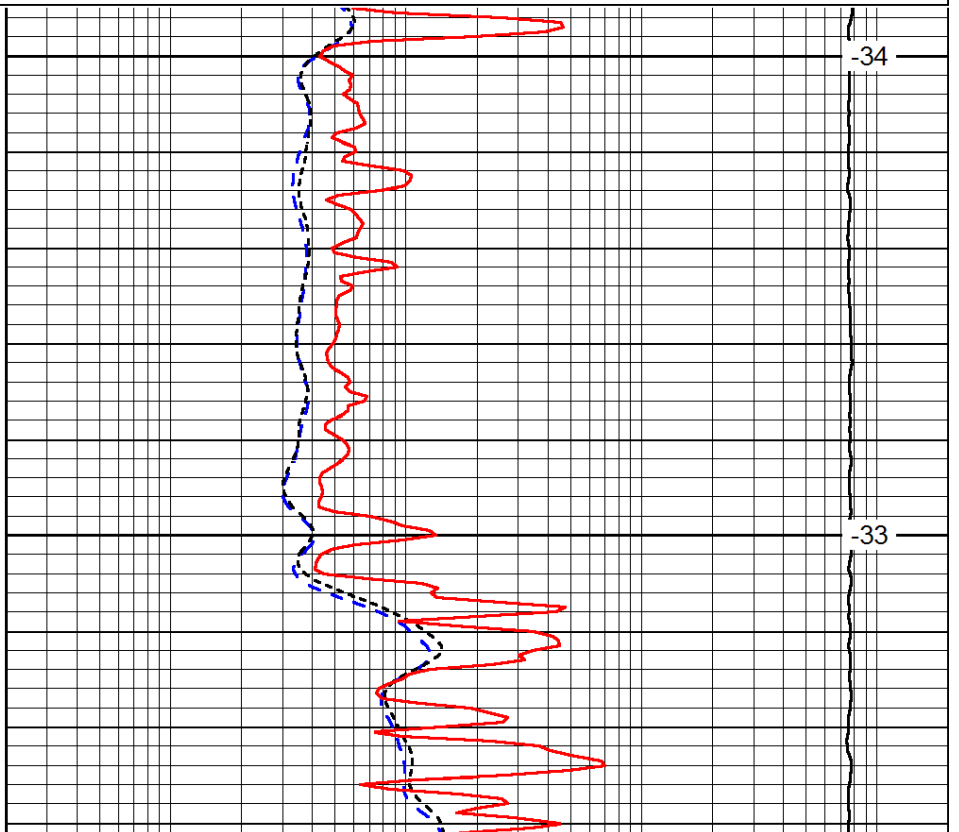
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0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD



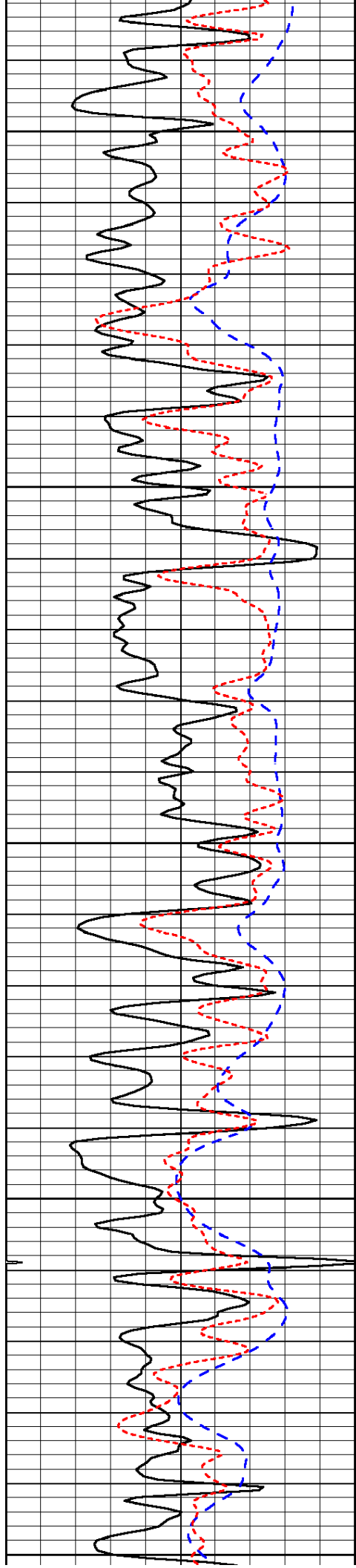
3500

3550



-34

-33



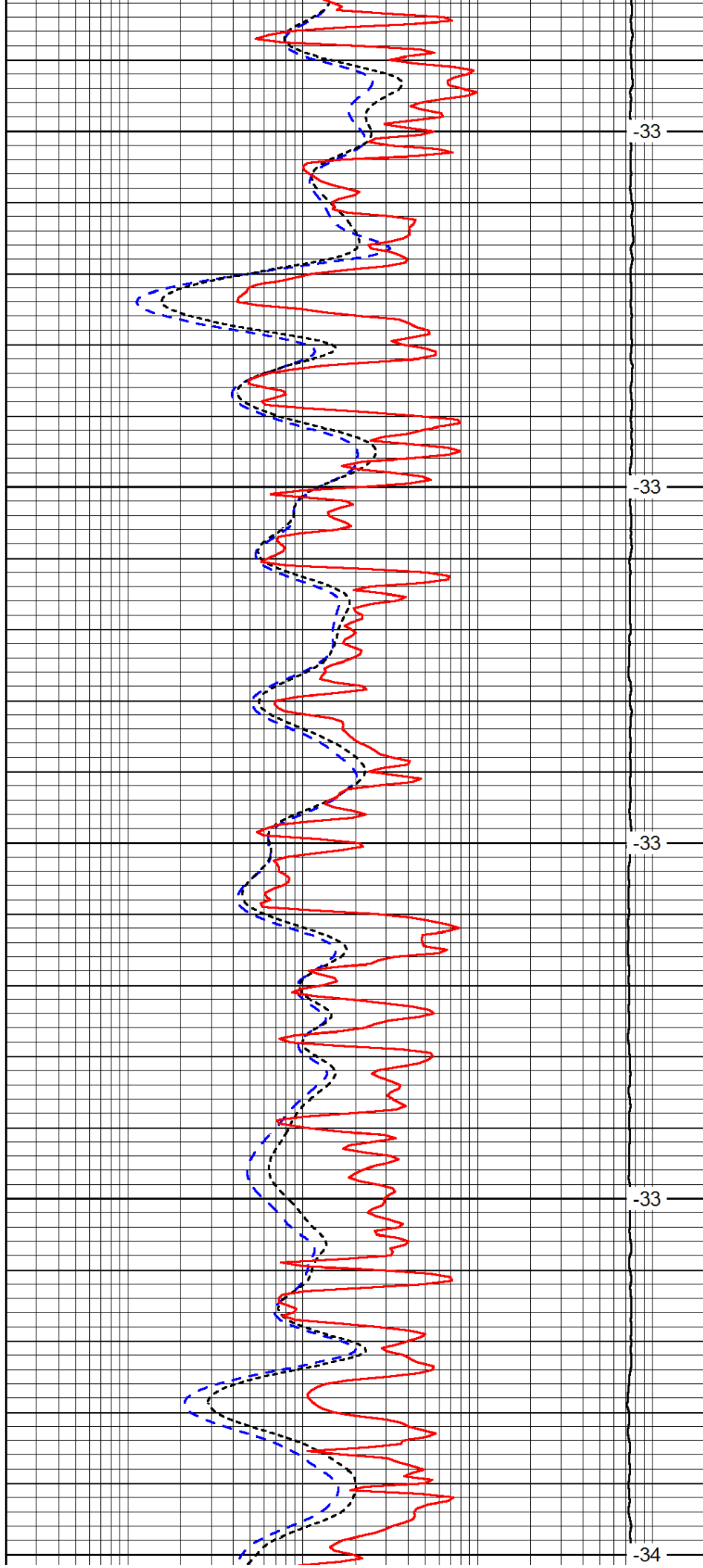
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3650

3700

3750

3800



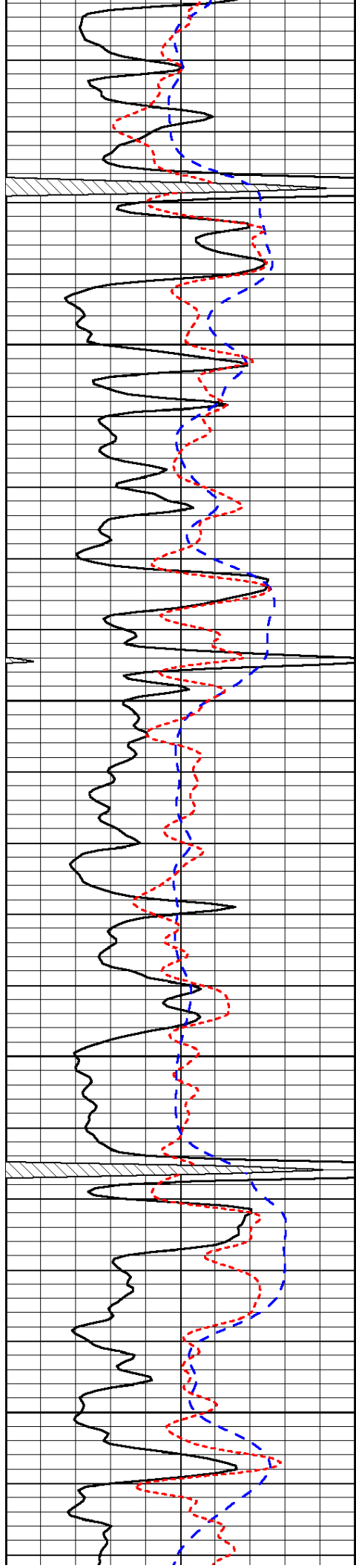
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-33

-33

-33

-34

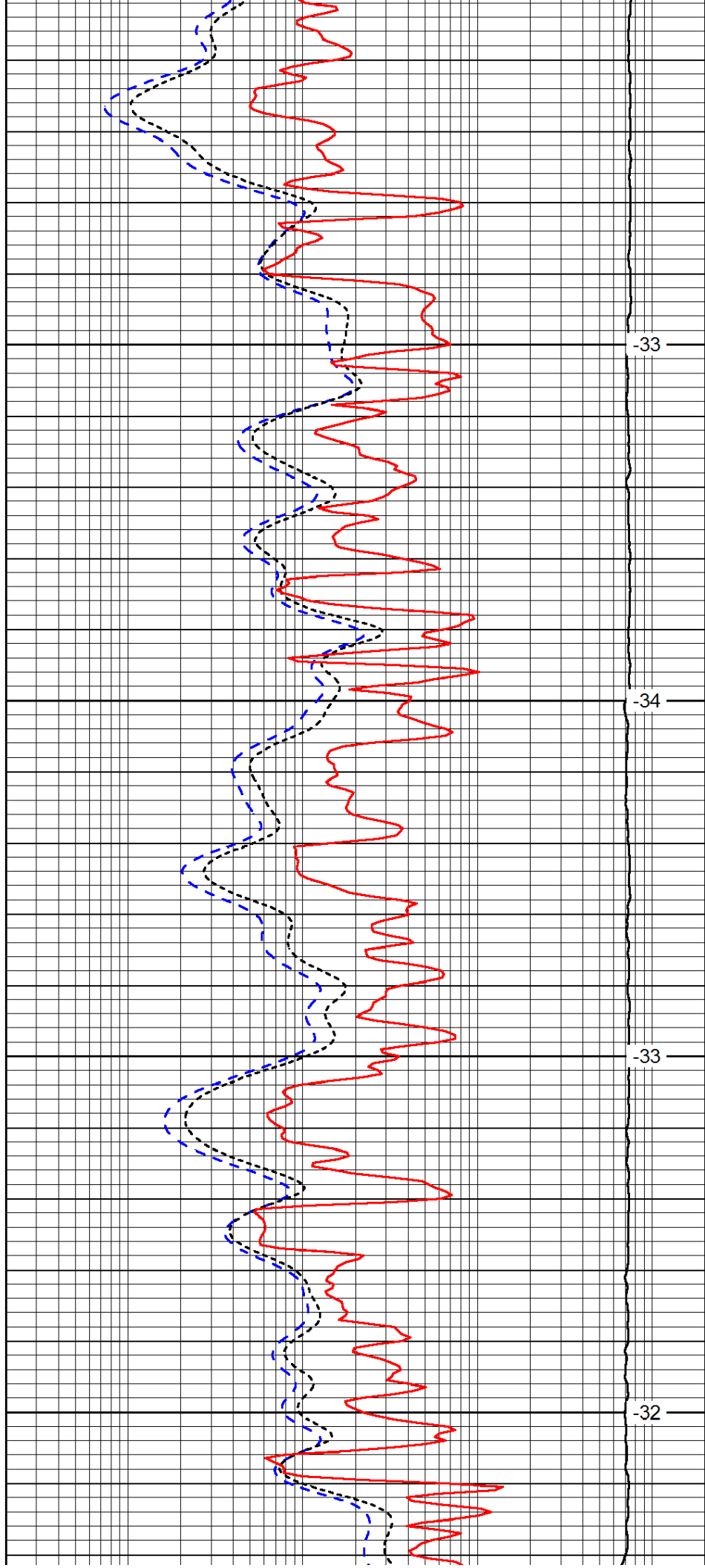


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3900

3950

4000

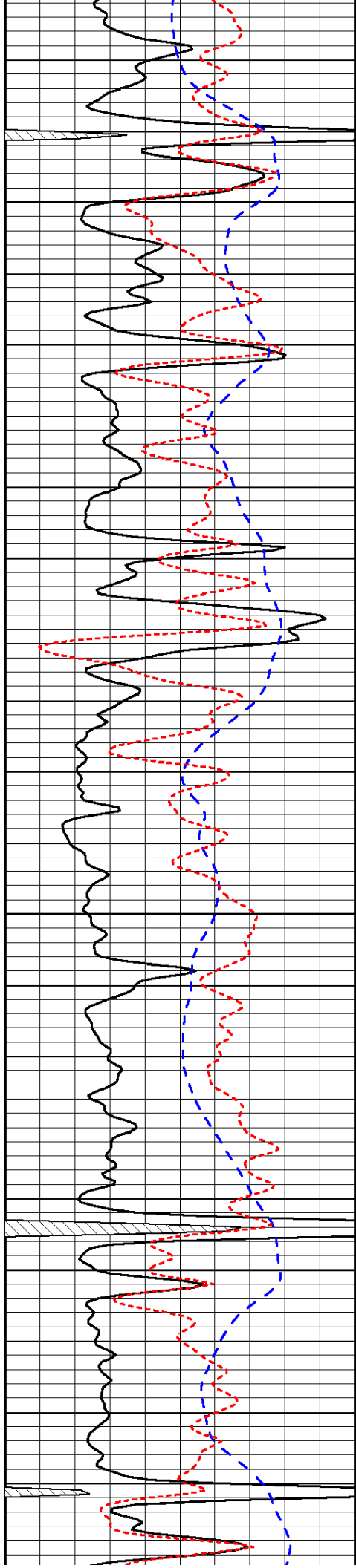


-33

-34

-33

-32

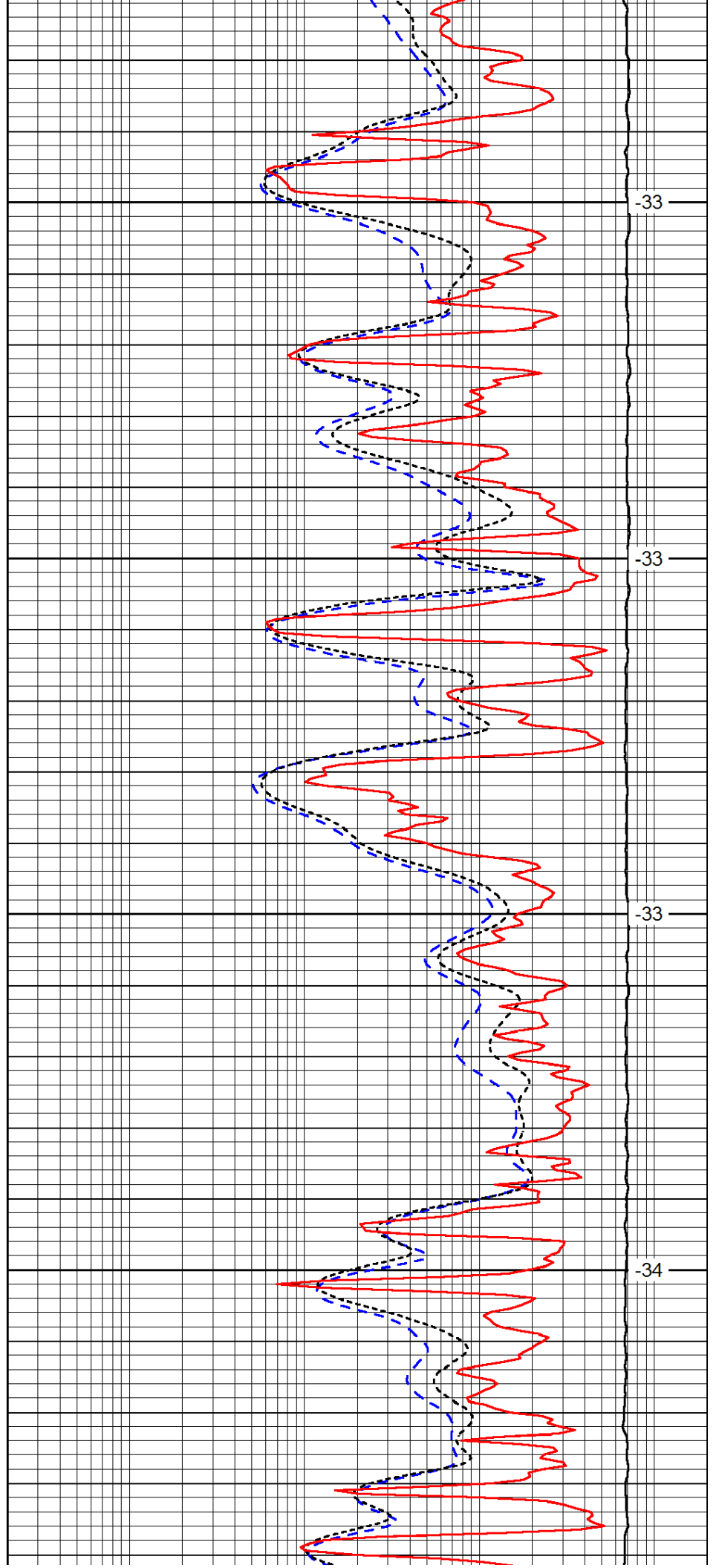


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4100

4150

4200

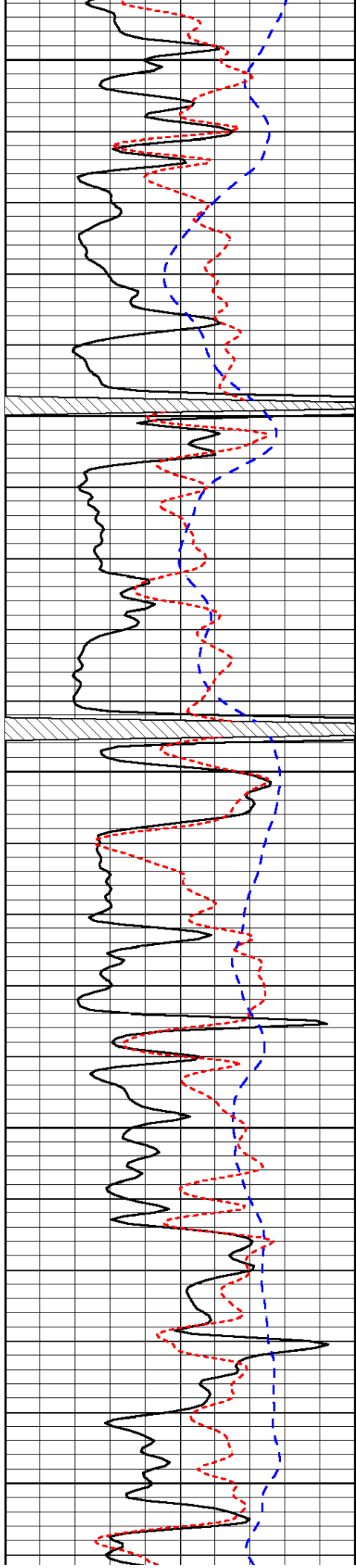


-33

-33

-33

-34



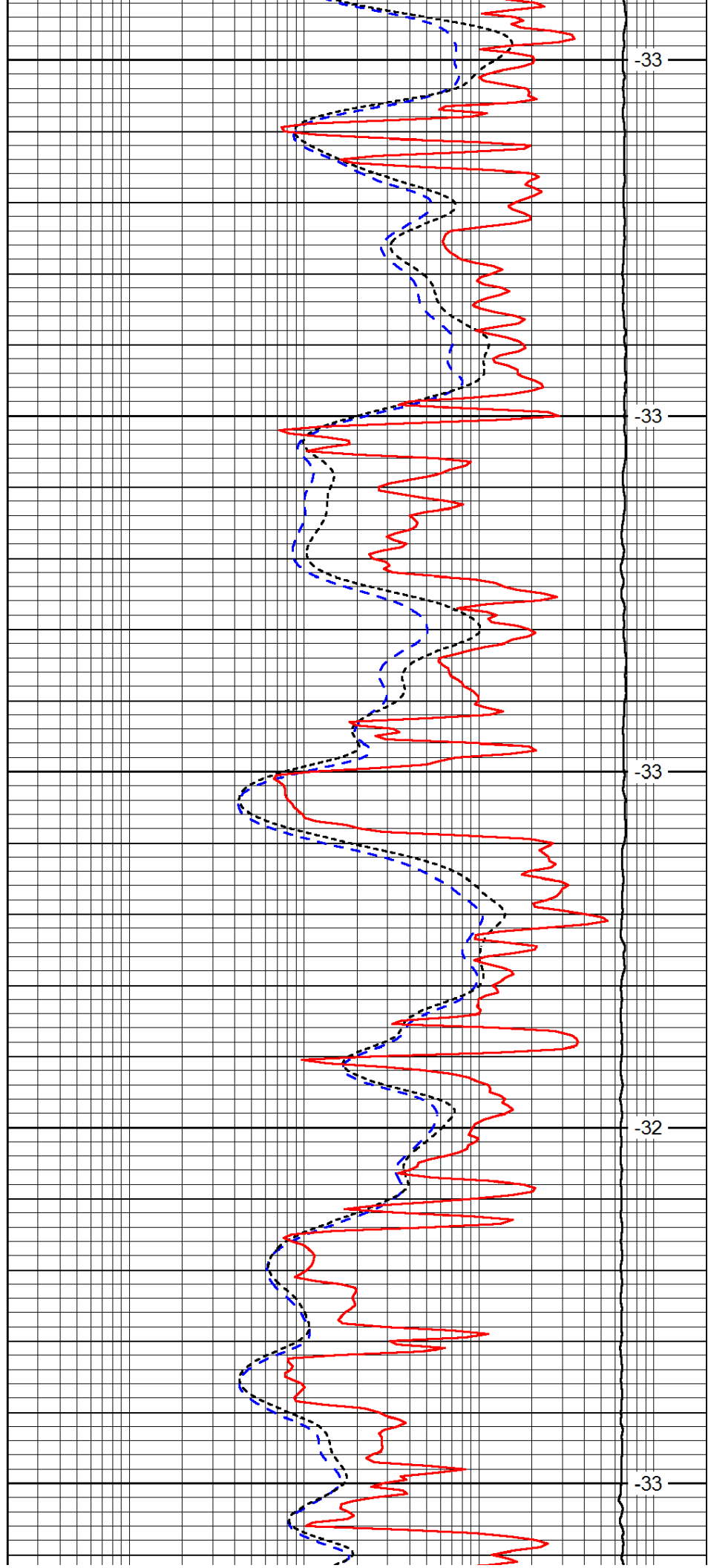
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4300

4350

4400

4450



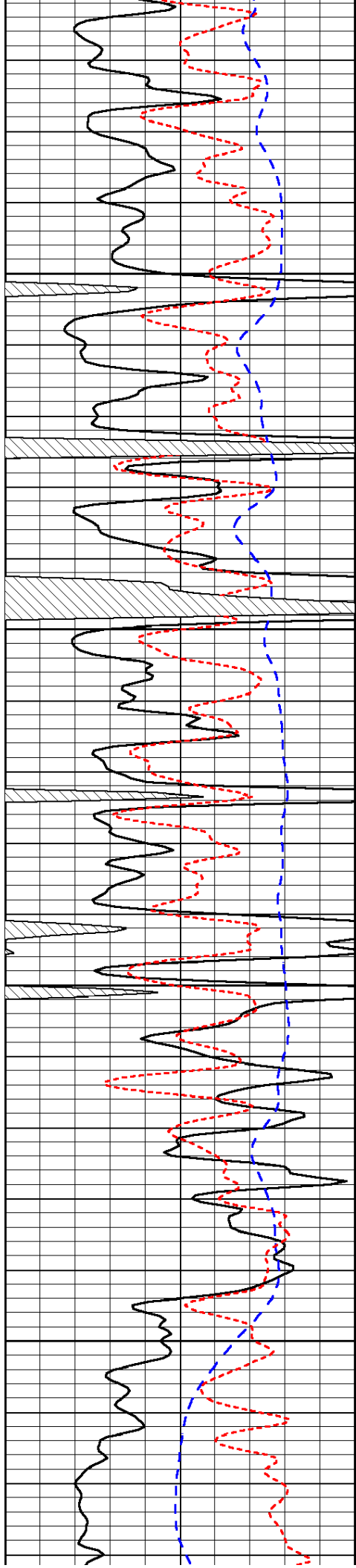
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-33

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-32

-33

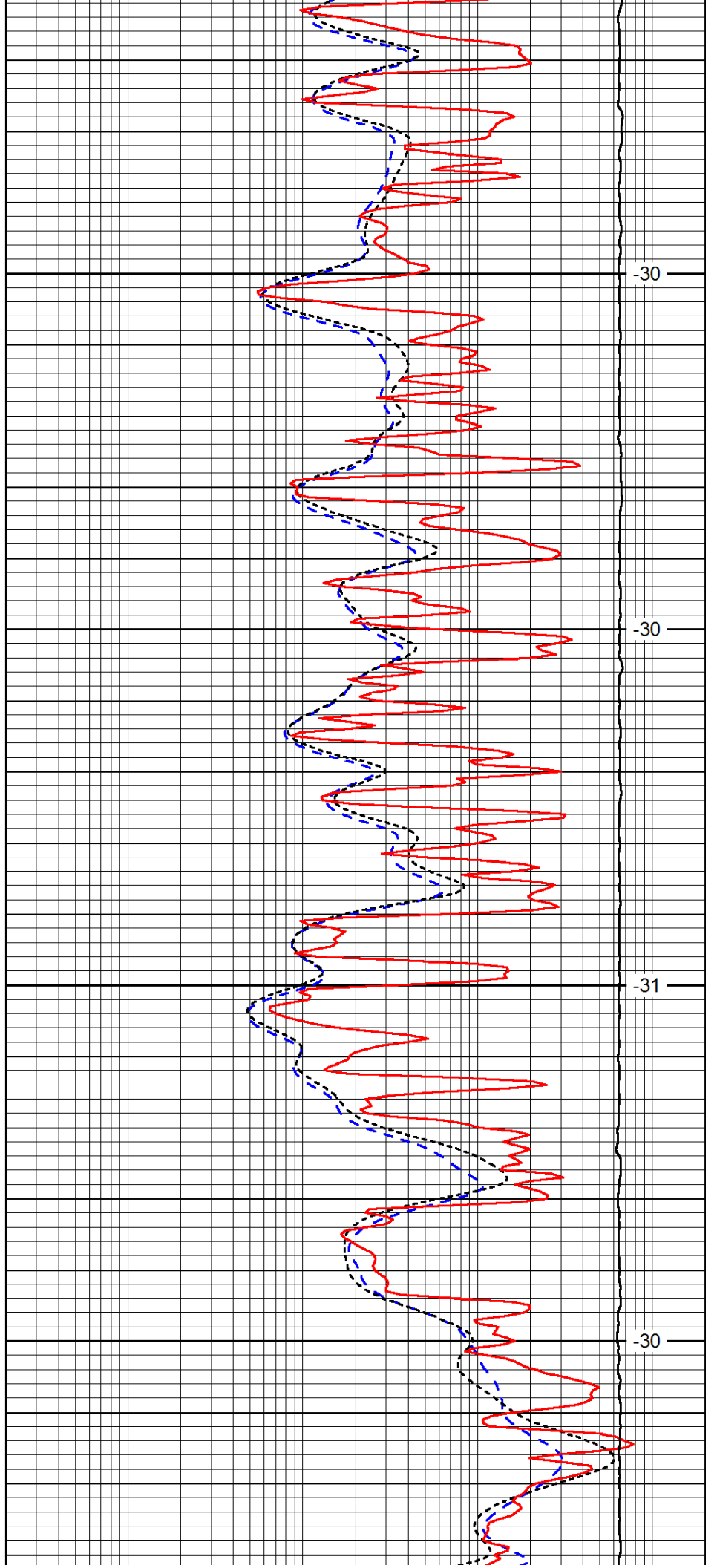


4500

4550

4600

4650

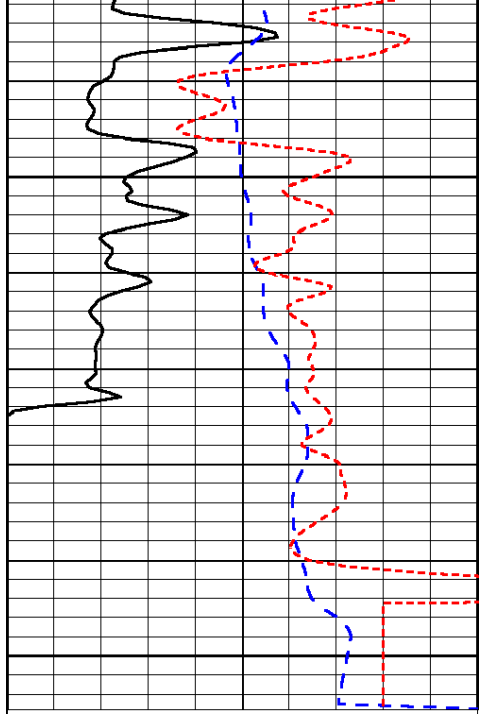


-30

-30

-31

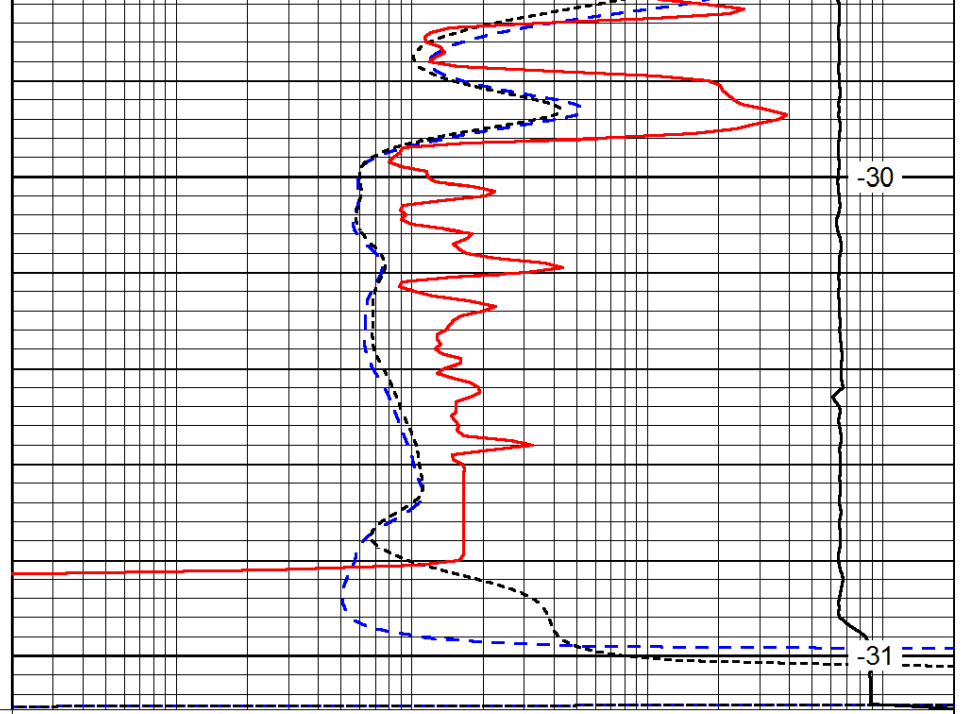
-30



0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

4700

4750



-30

-31

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD



DIGITAL LOG (785) 625-3858

Dual Compensated Porosity Log

15-101-22,382-00-00

API No. 15-101-22,382-00-00

Company Carmen Schmitt, Inc.
 Well Frontier Unit No. 1
 Field Wildcat
 County Lane State Kansas

Location NE NE NE NE
 100' FNL & 100' FEL

Sec: 1 Twp: 20S Rge: 30W

Ground Level Elevation 2886
 Log Measured From Kelly Bushing 12 Ft. Above Perm. Datum
 Drilling Measured From Kelly Bushing

Other Services
 DIL
 MEL/BHCS

Elevation
 K.B. 2898
 D.F.
 G.L. 2886

Date	7/10/2012					
Run Number	One					
Type Log	CNL / CDL					
Depth Driller	4750					
Depth Logger	4747					
Bottom Logged Interval	4726					
Top Logged Interval	3500					
Type Fluid In Hole	Chemical					
Salinity, PPM CL	2700					
Density Level	9.1					
Max. Rec. Temp. F	Full					
Operating Rig Time	124					
Equipment -- Location	5 Hours					
Recorded By	108 Hays					
Recorded By	J. Long					
Witnessed By	Vern Schrag					
Borehole Record			Casing Record			
Run No.	Bit	From	To	Size	Wgt.	To
1	12.25	00	222	8.625	24#	222
2	7.875	222	4750			

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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

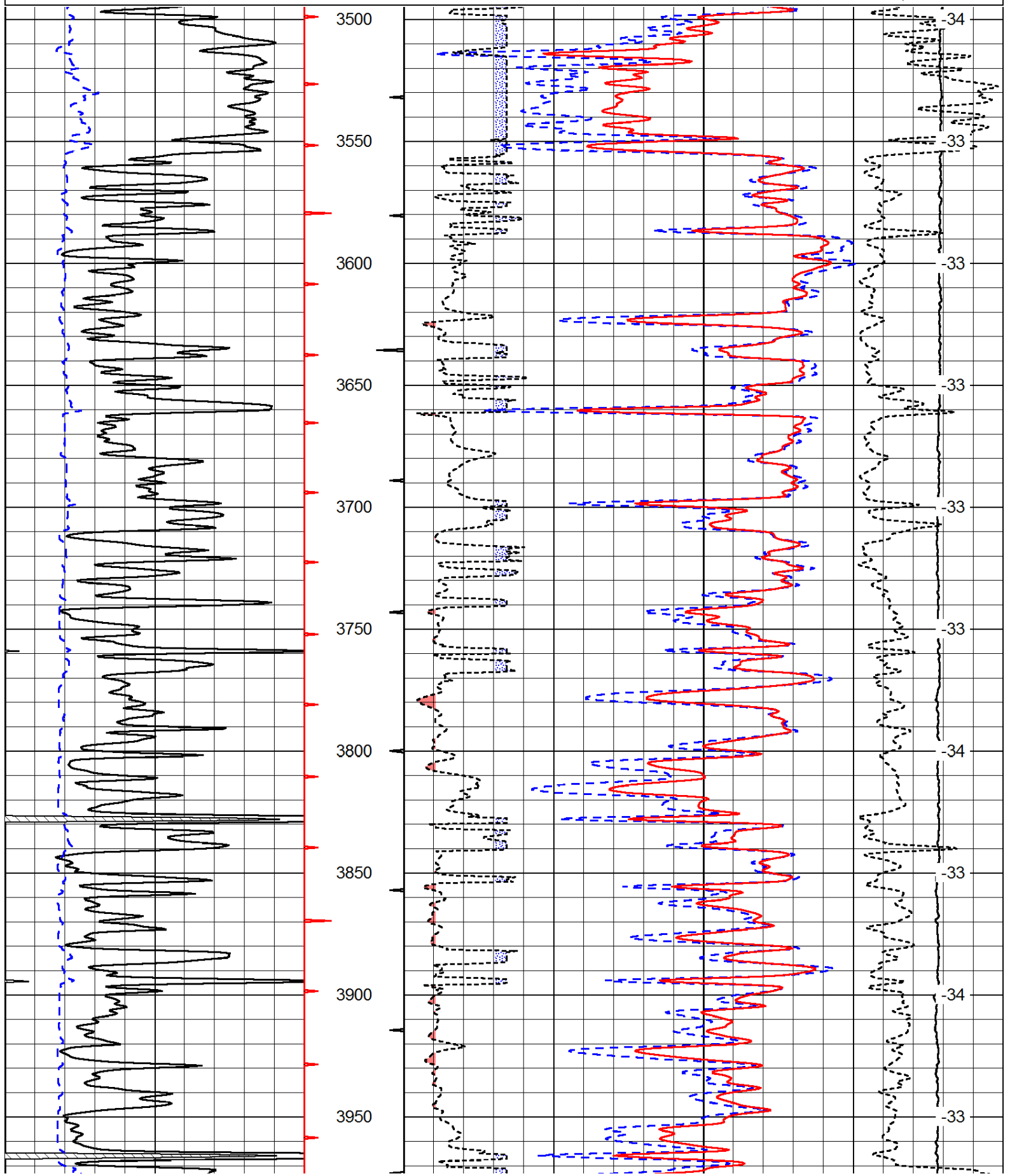
Thank you for using Log-Tech, Inc.
 (785) 625-3858

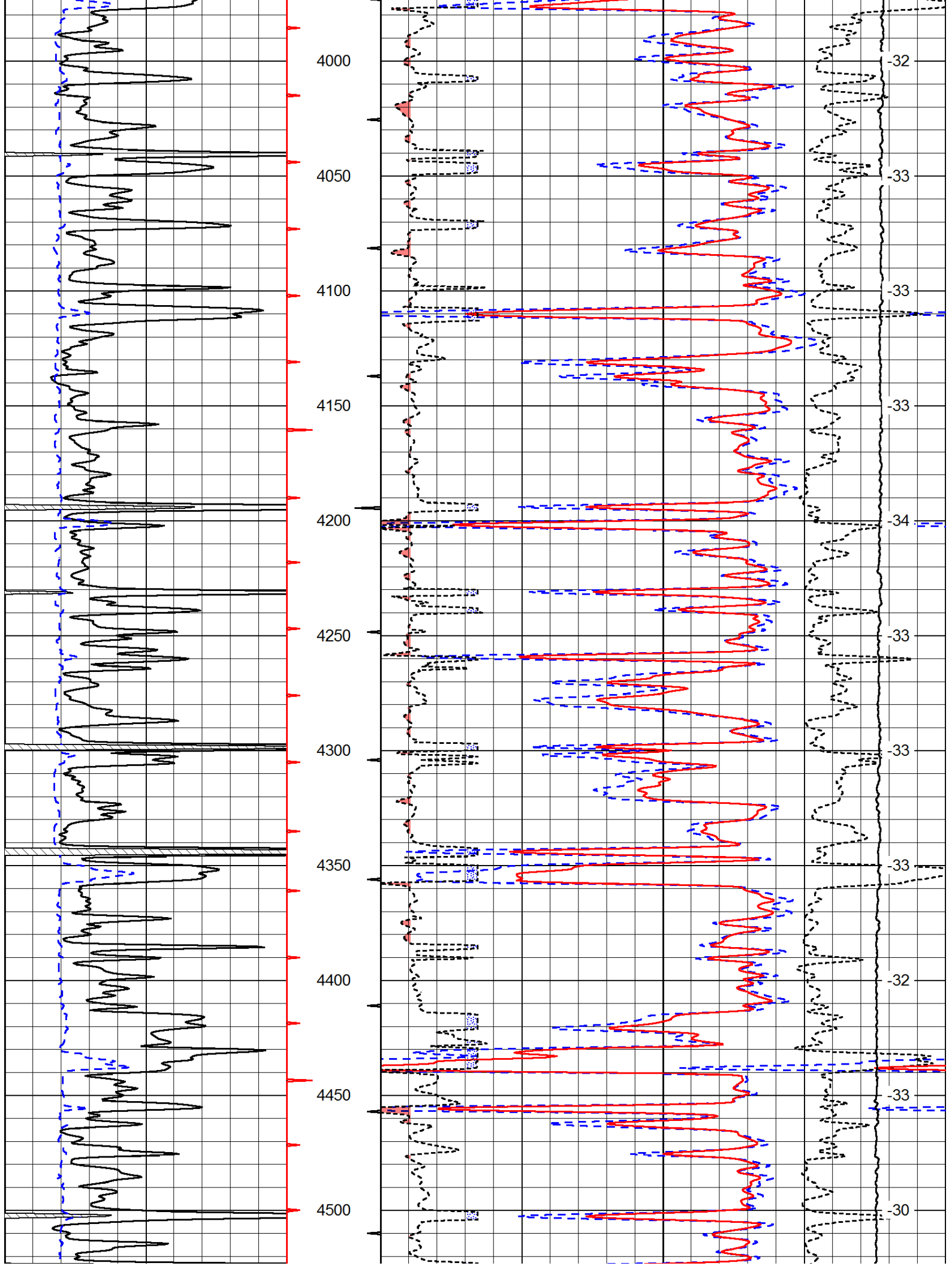
Dighton, 9 South to 60 Road, 6 West, Southwest Into

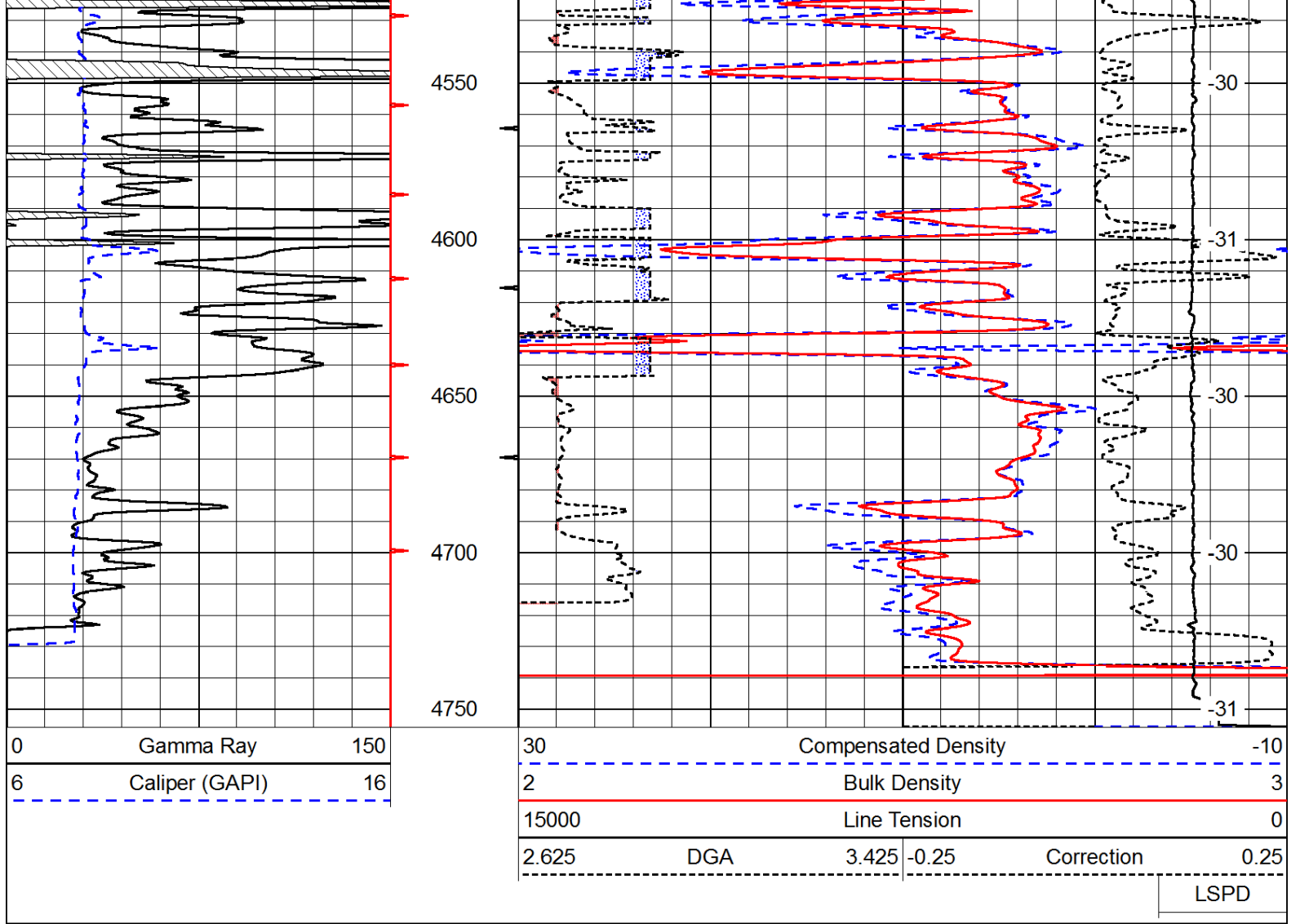
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 Dataset Pathname: dil/carmstck
 Presentation Format: cdl
 Dataset Creation: Tue Jul 10 11:01:53 2012
 Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16

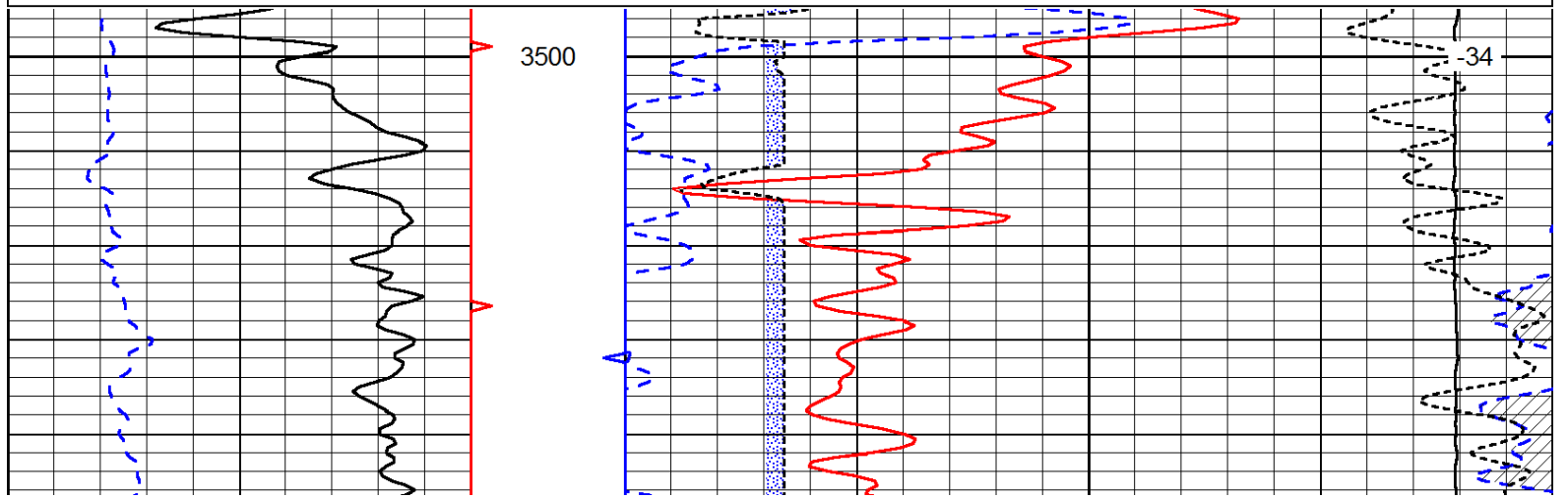
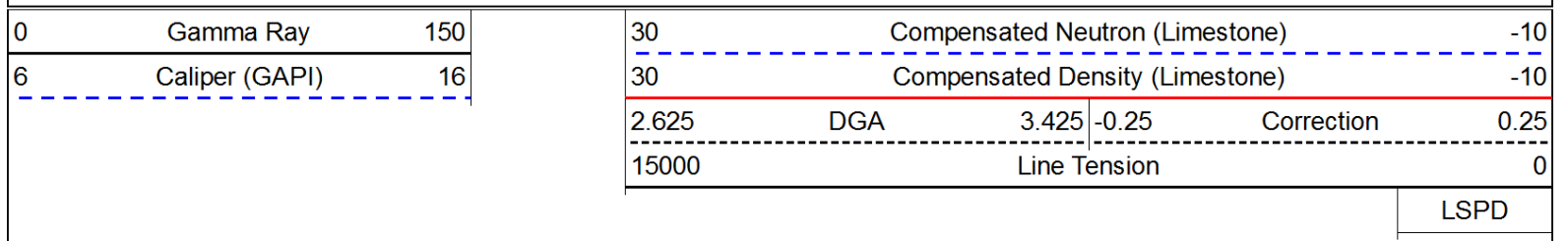
30	Compensated Density			-10	
2	Bulk Density			3	
15000	Line Tension			0	
2.625	DGA	3.425	-0.25	Correction	0.25
LSPD					

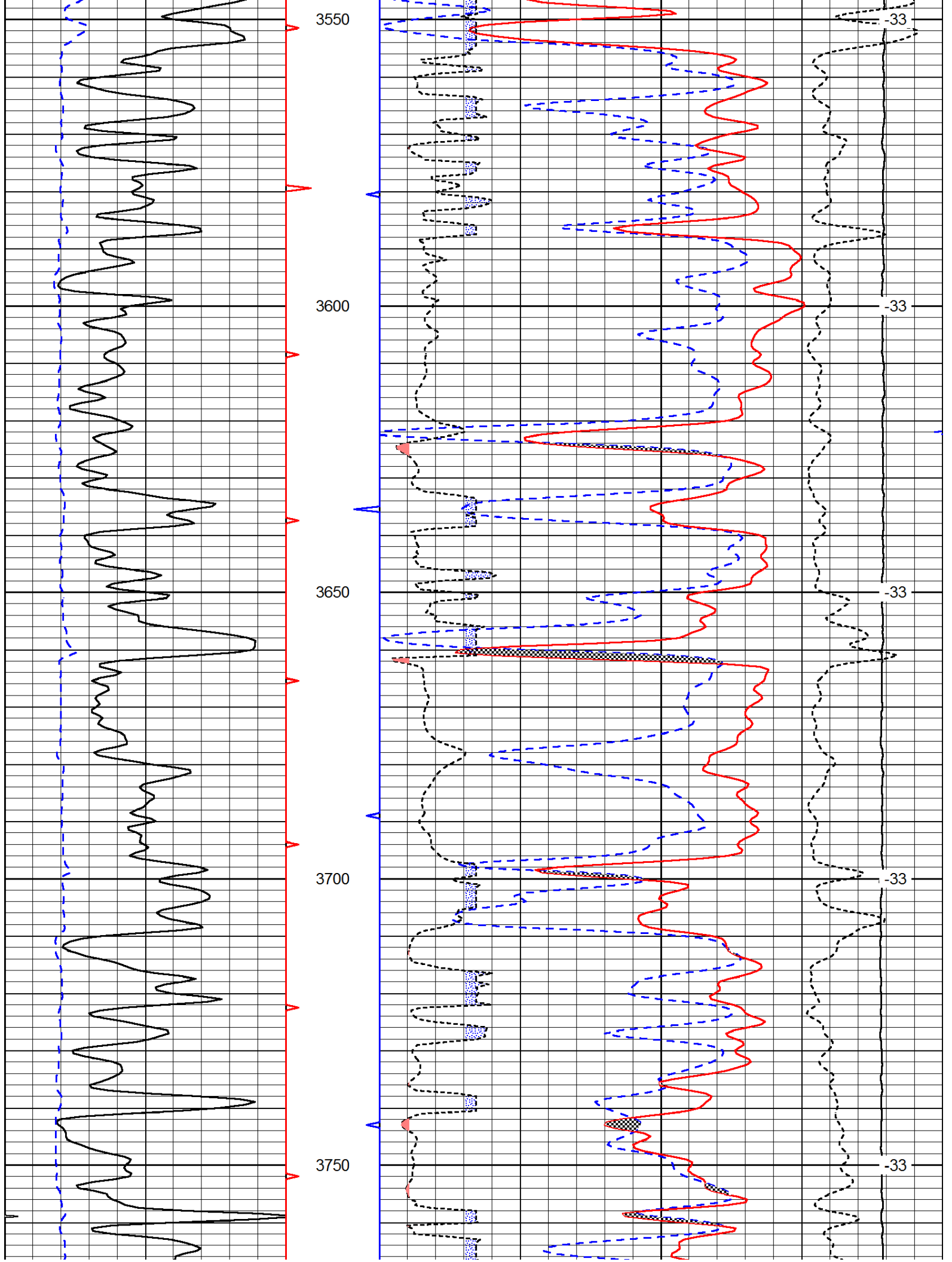


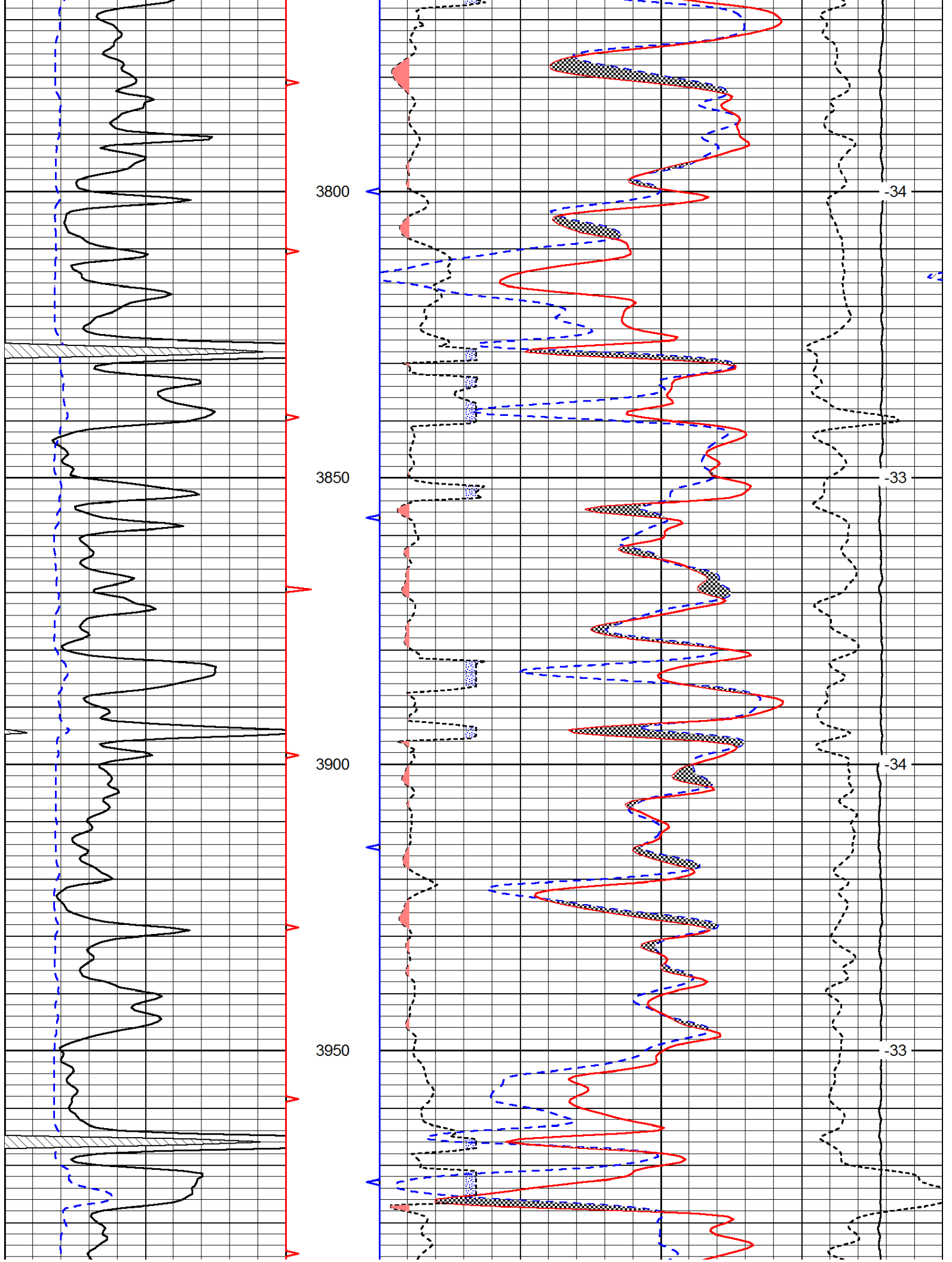


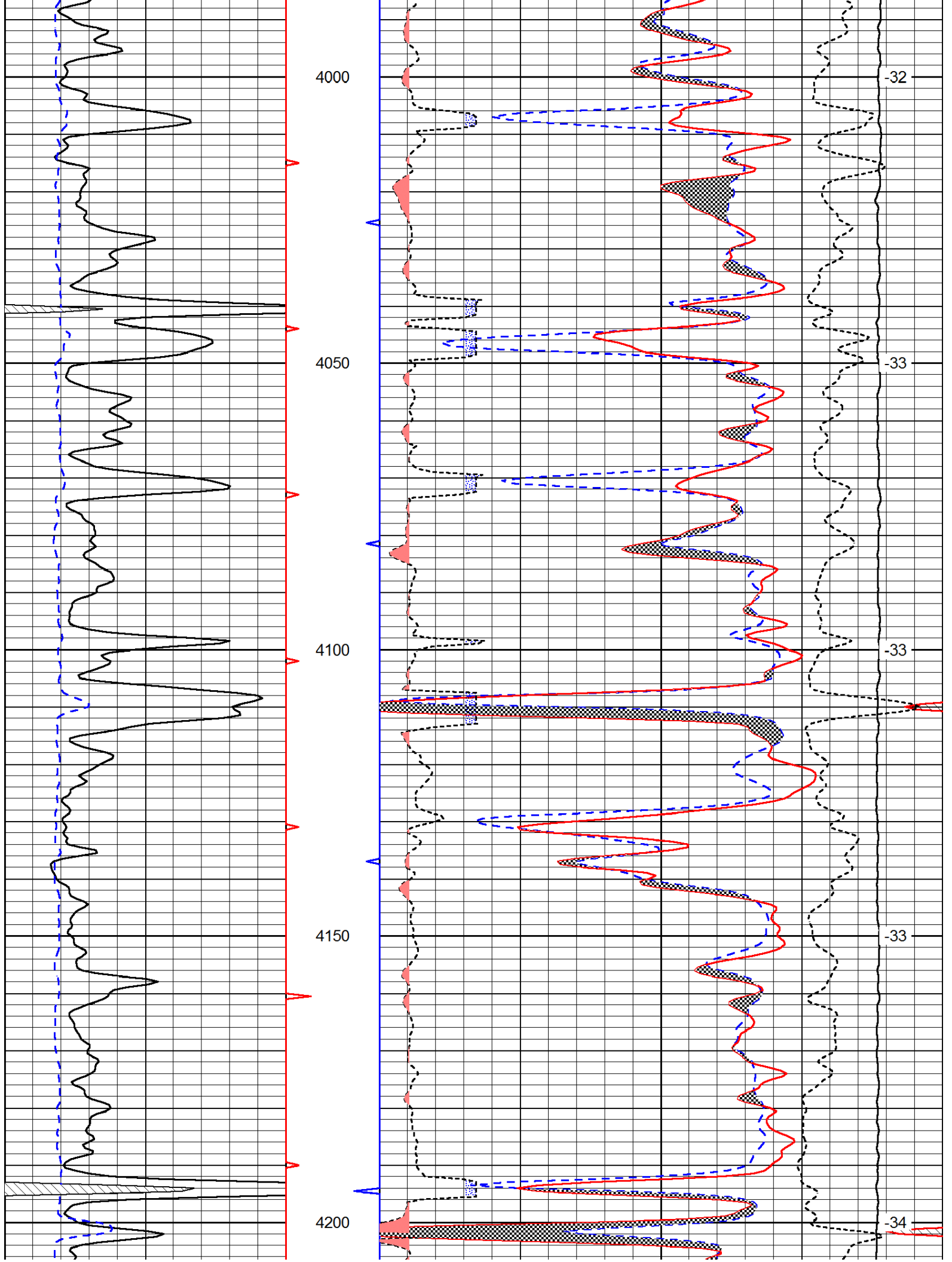


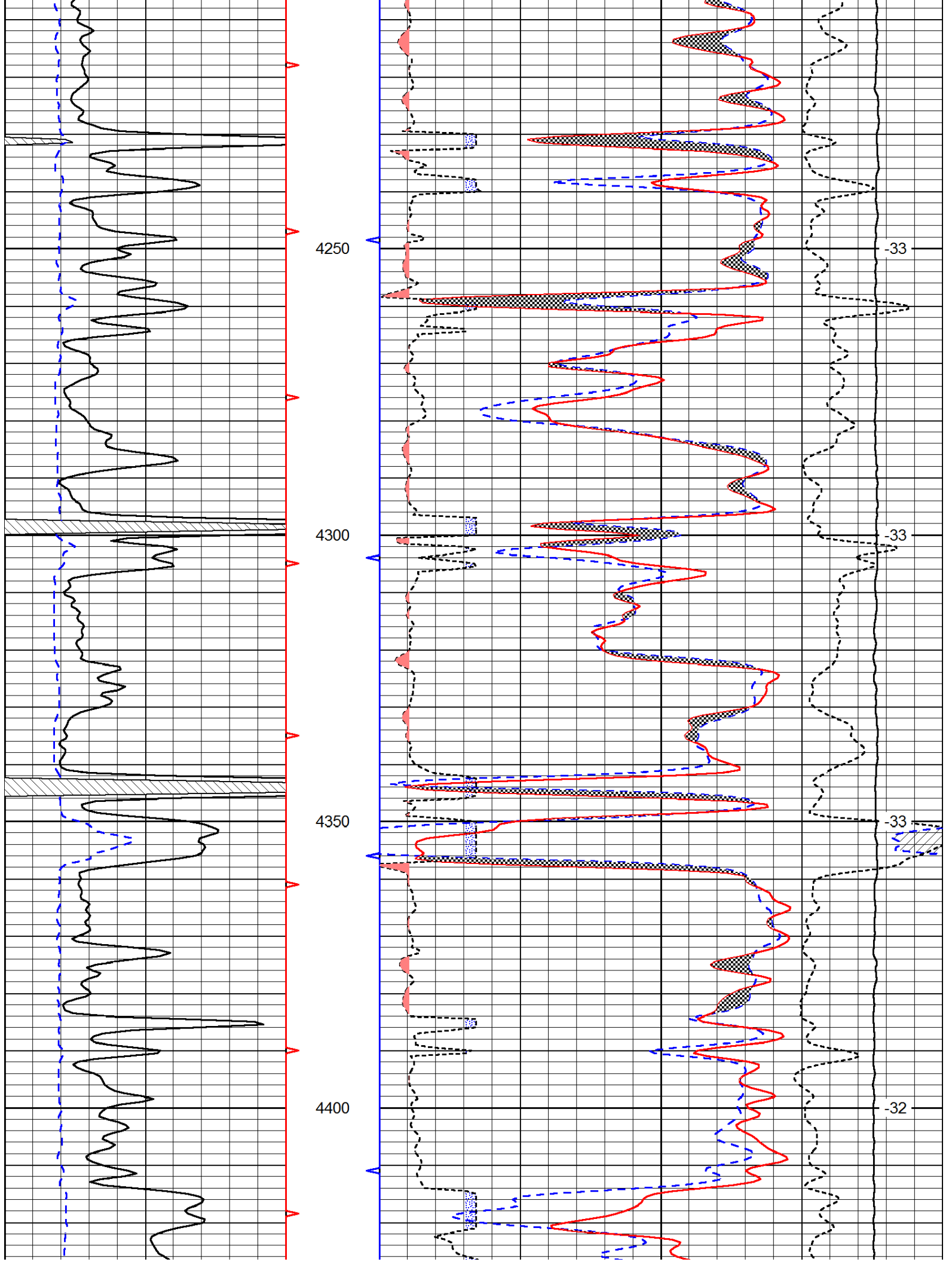
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 Charted by: Depth in Feet scaled 1:240

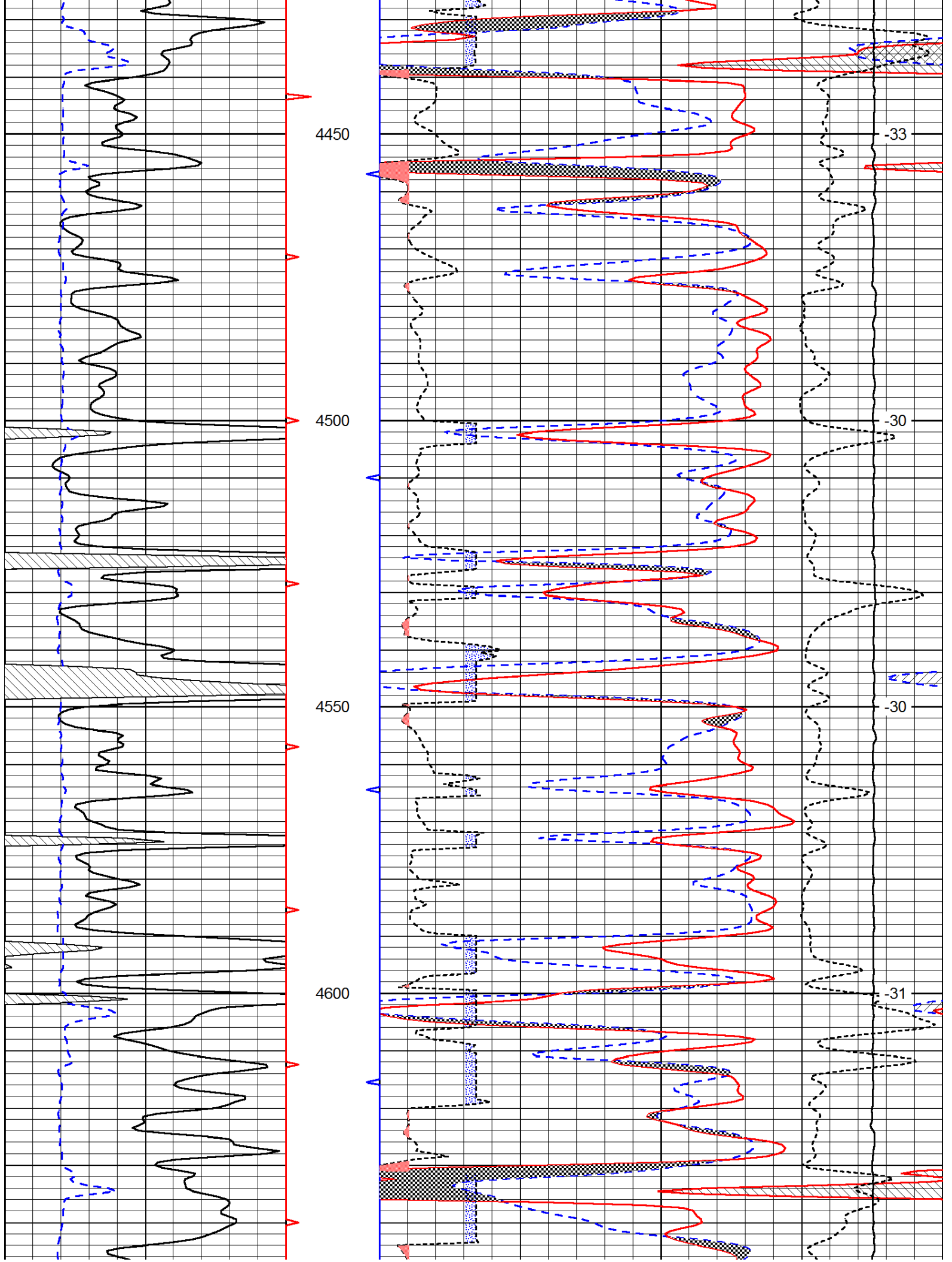


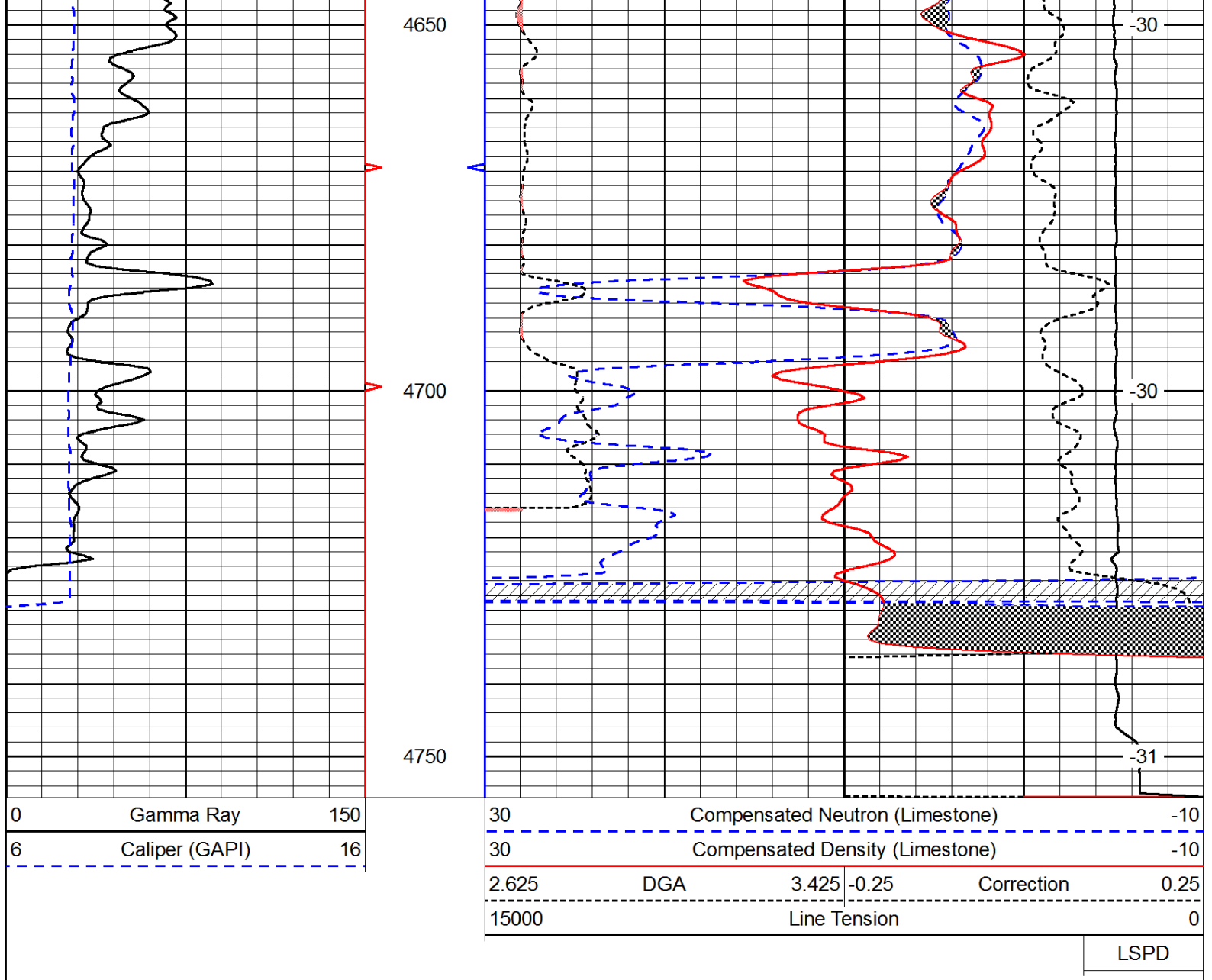














DIGITAL LOG (785) 625-3858

Borehole Compensated
Sonic Log

15-101-22,382-00-00

API No.

Company **Carmen Schmitt, Inc.**
Well **Frontier Unit No. 1**
Field **Wildcat**
County **Lane** State **Kansas**

Location
NE NE NE NE
100' FNL & 100' FEL

Sec: 1 Twp: 20S Rge: 30W

Other Services
CNL/CDL
MEL/DIL

Permanent Datum Ground Level Elevation 2886
Log Measured From Kelly Bushing 12 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 2898
D.F.
G.L. 2886

Date	7/10/2012	
Run Number	Two	
Type Log	BHC Sonic	
Depth Driller	4750	
Depth Logger	4747	
Bottom Logged Interval	4736	
Top Logged Interval	200	
Type Fluid In Hole	Chemical	
Salinity, PPM CL	2700	
Density Level	9.1	
Max. Rec. Temp. F	Full	
Operating Rig Time	124	
Equipment -- Location	5 Hours	
Recorded By	108 Hays	
Witnessed By	J. Long	
	Vern Schrag	

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	222	8.625	24#	00	222
2	7.875	222	4750				

<<< Fold Here >>>

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Comments

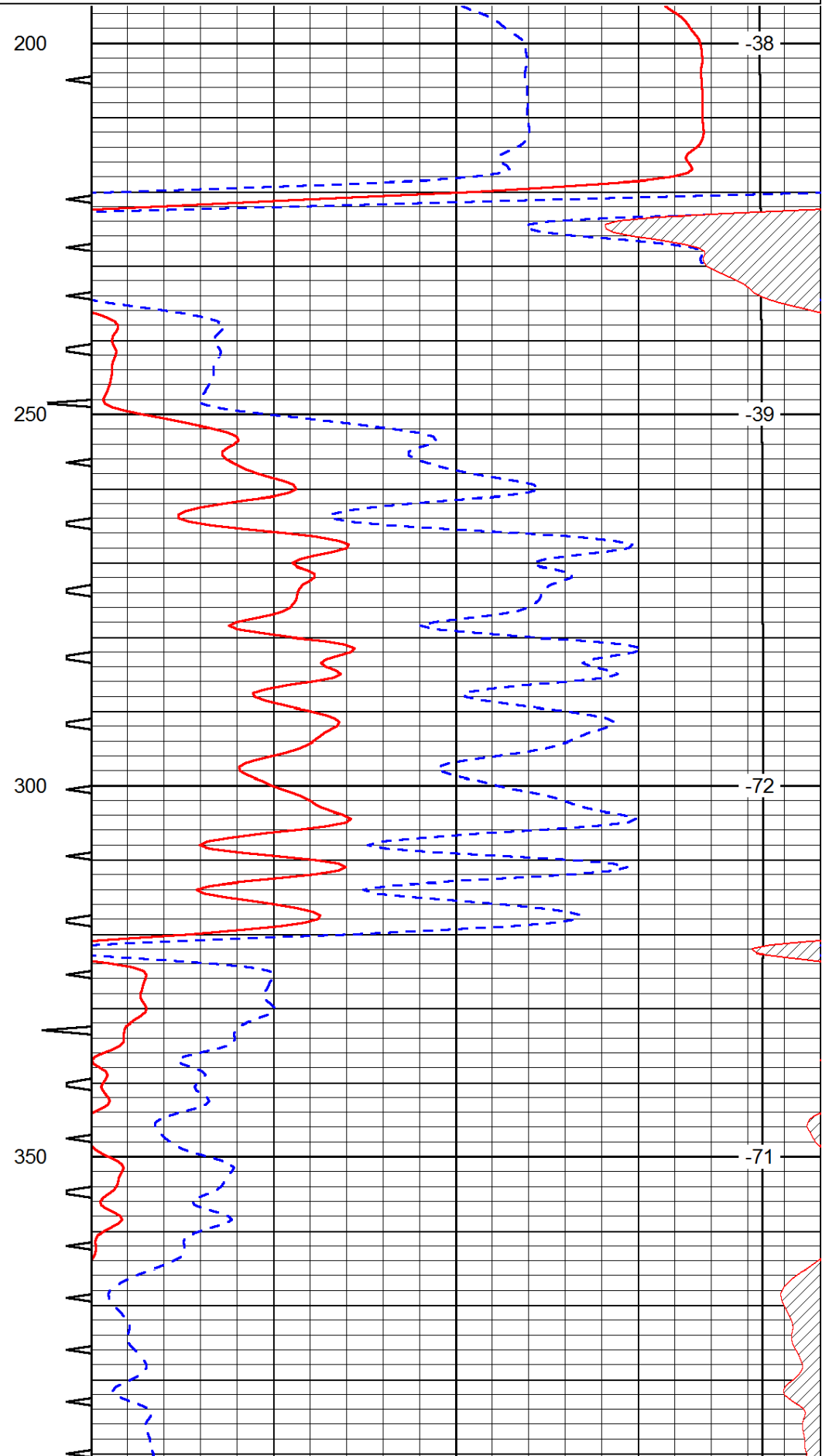
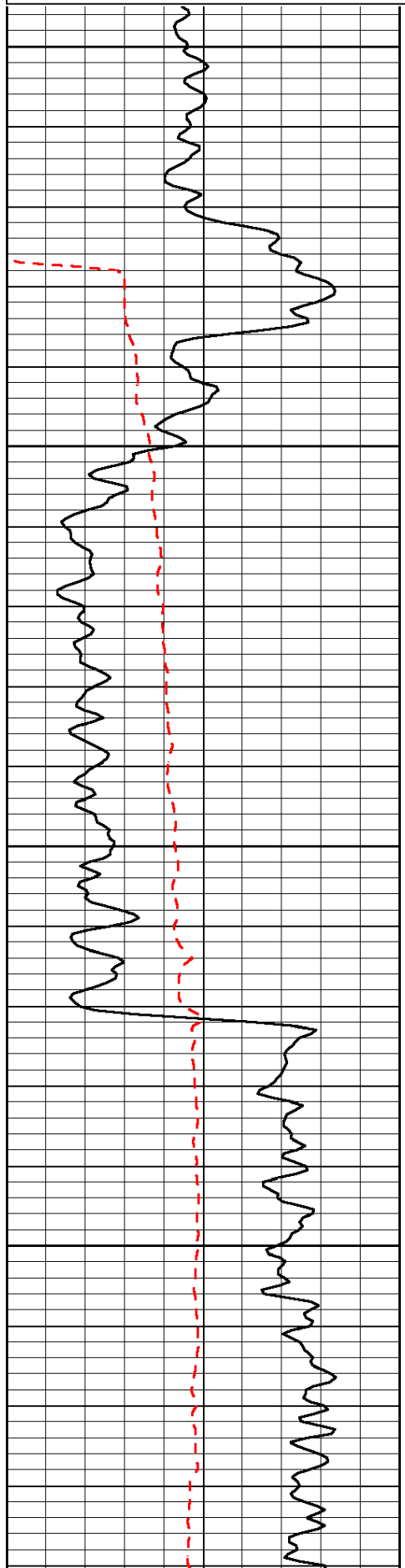
Thank you for using Log-Tech, Inc.
(785) 625-3858

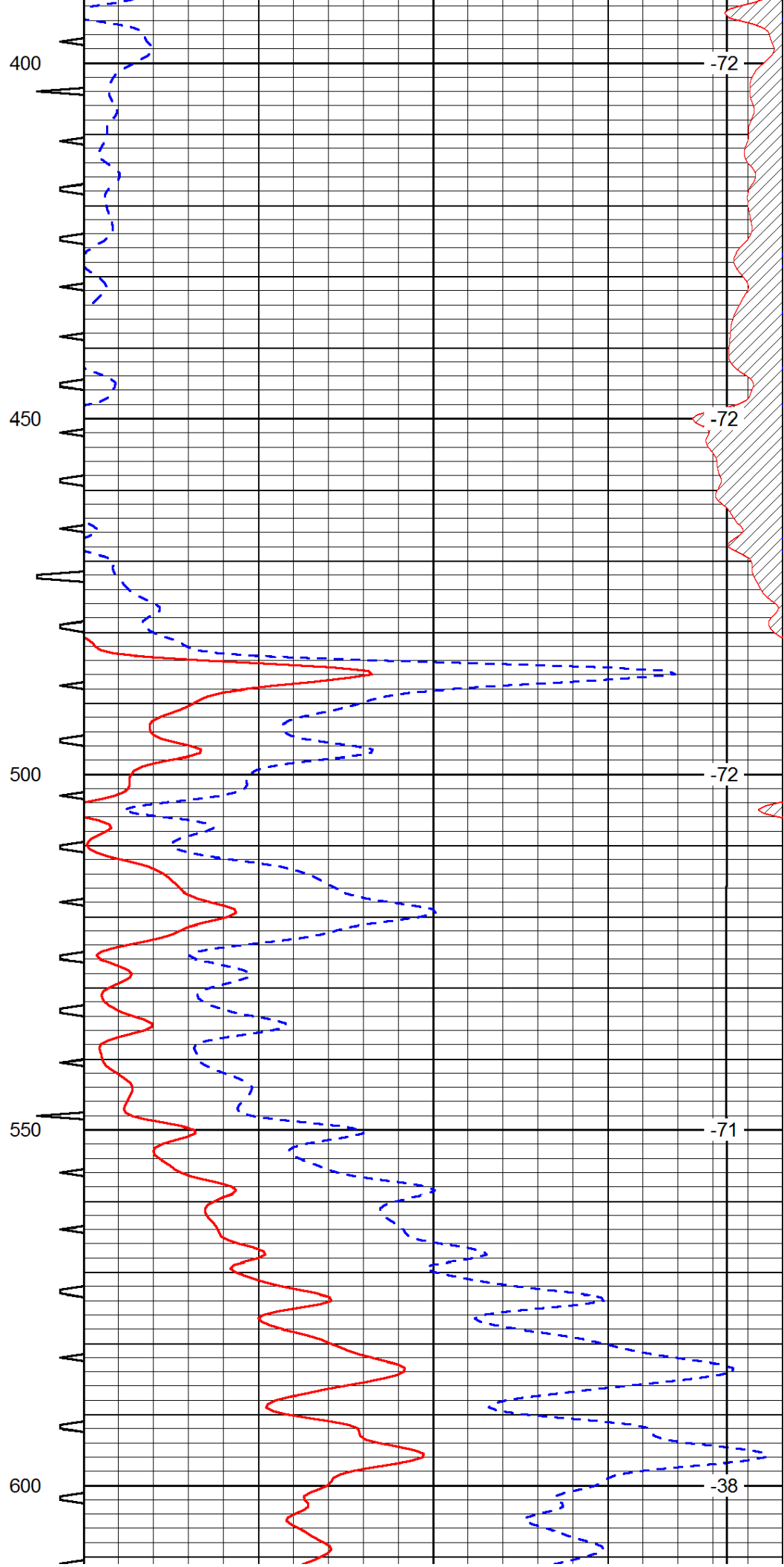
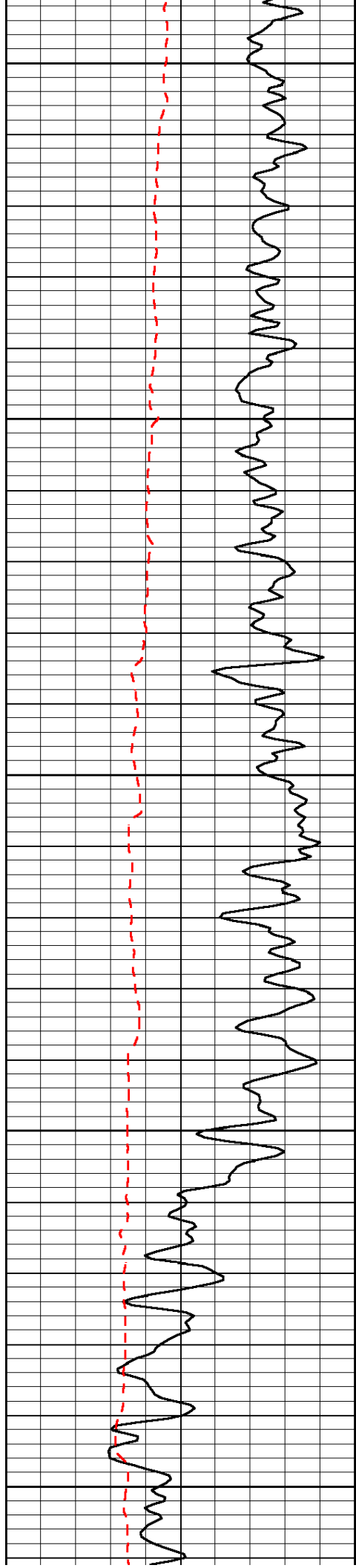
Dighton, 9 South to 60 Road, 6 West, Southwest Into

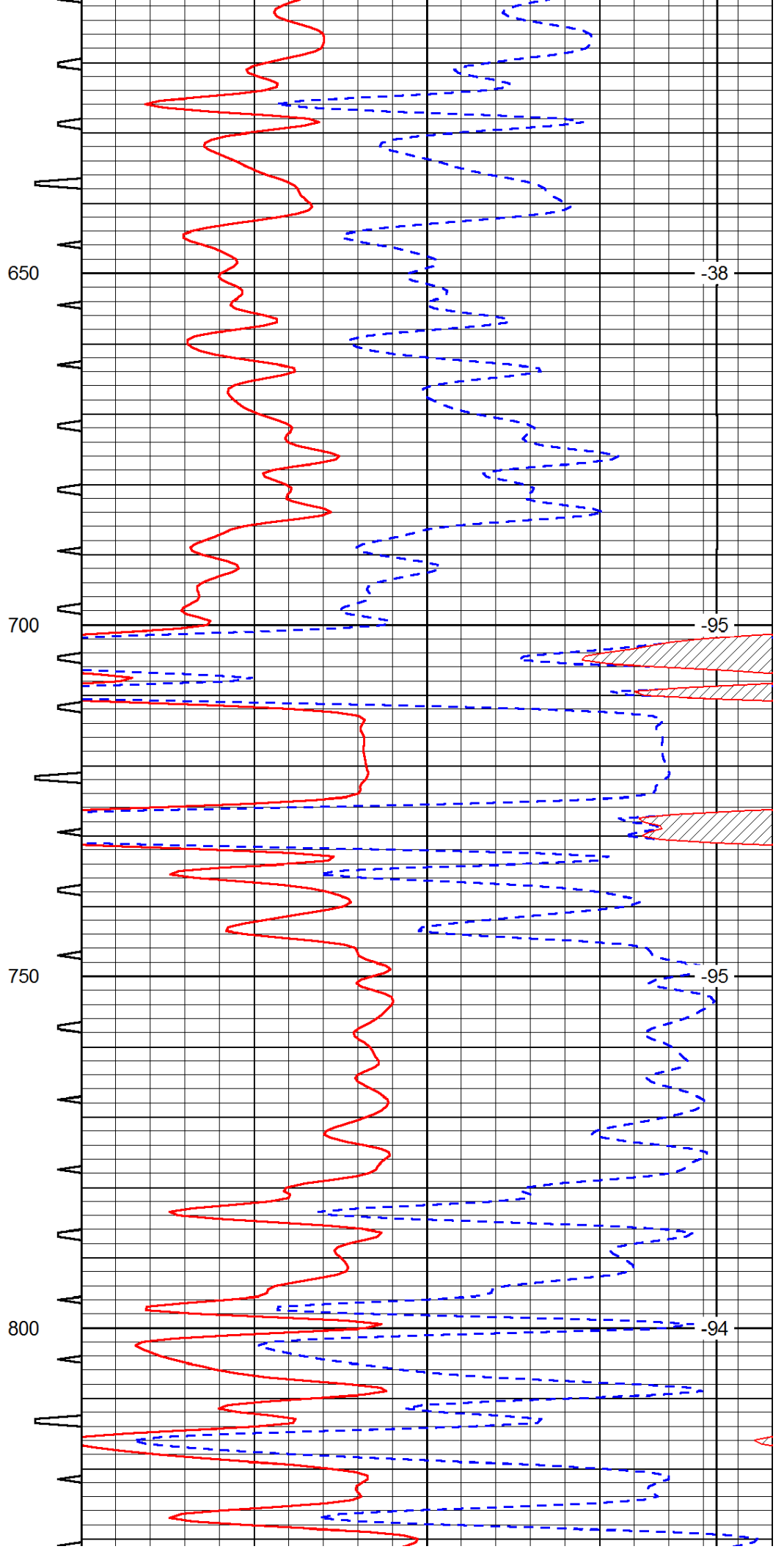
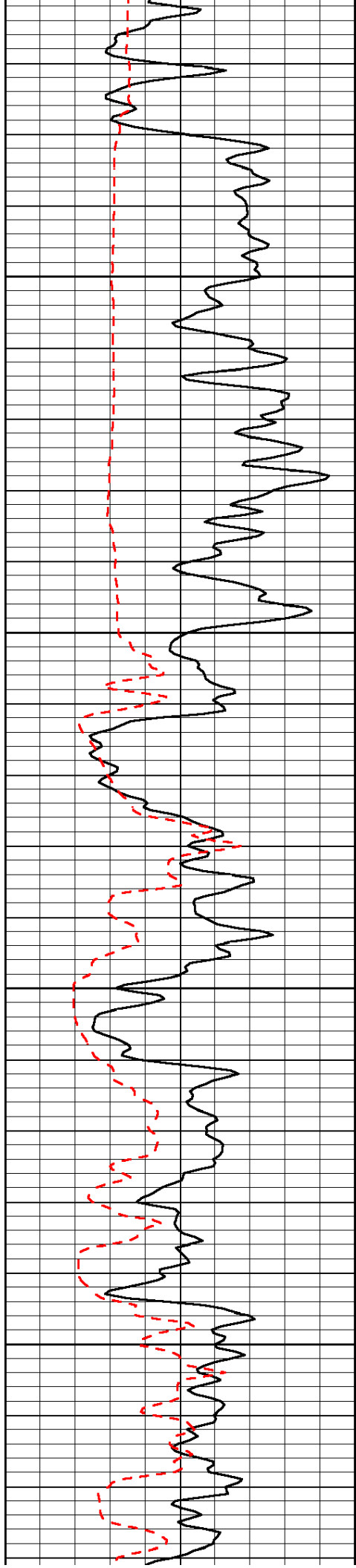
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Presentation Format: sonic
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Charted by: Depth in Feet scaled 1:240

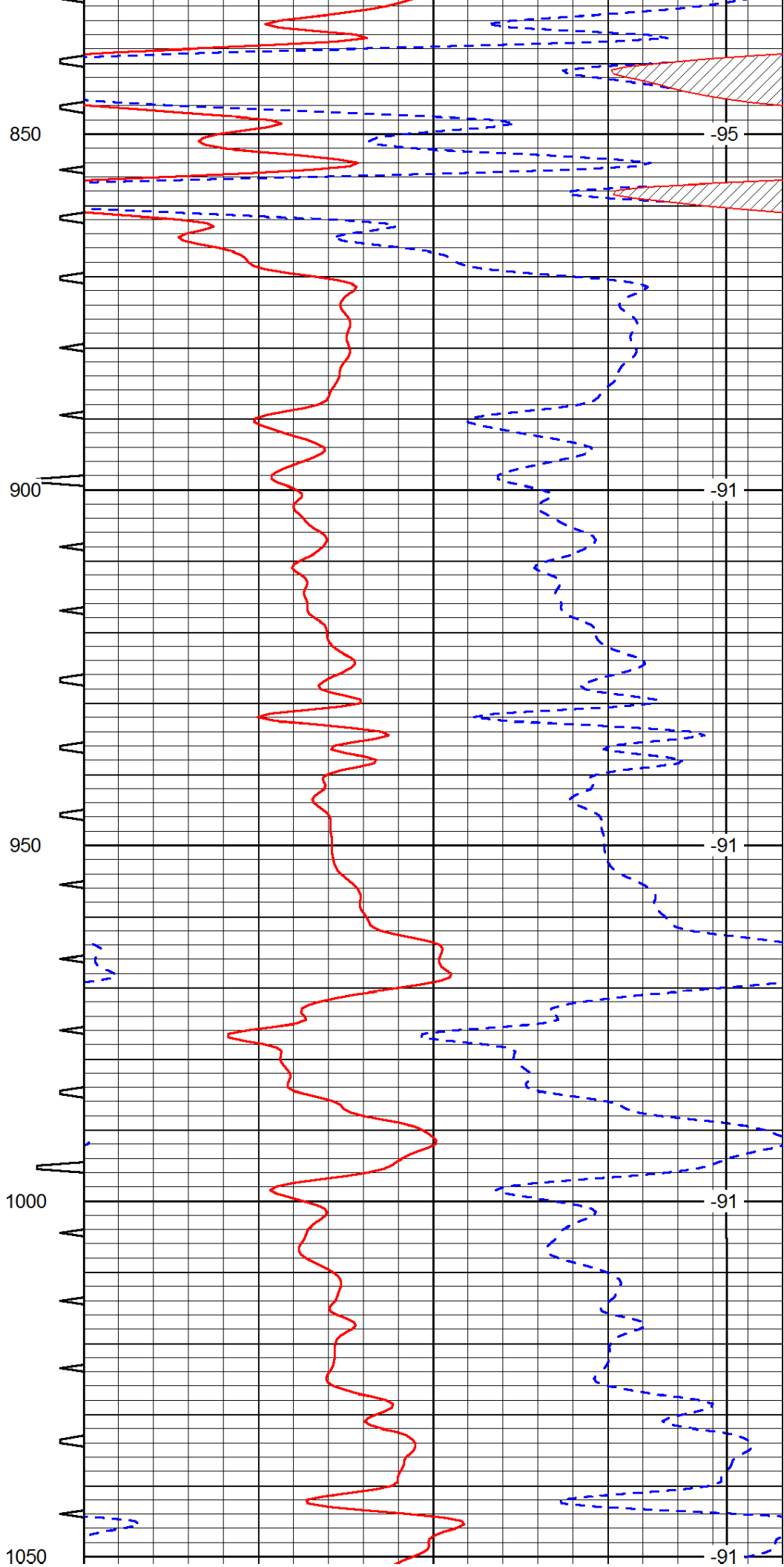
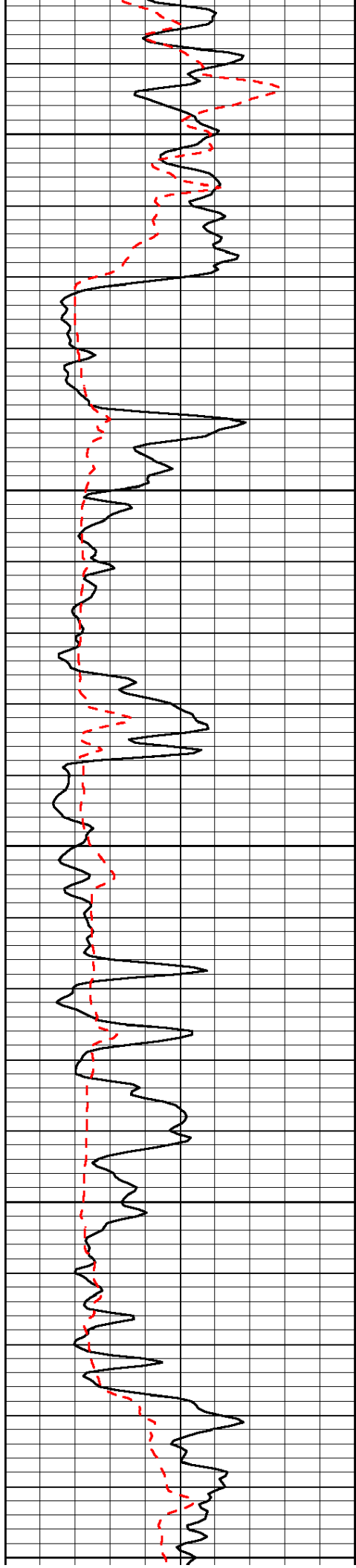
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150	Gamma Ray	300	5	0	SPOR	-10
6	Caliper (GAPI)	16		15000	LTEN (lb)	0

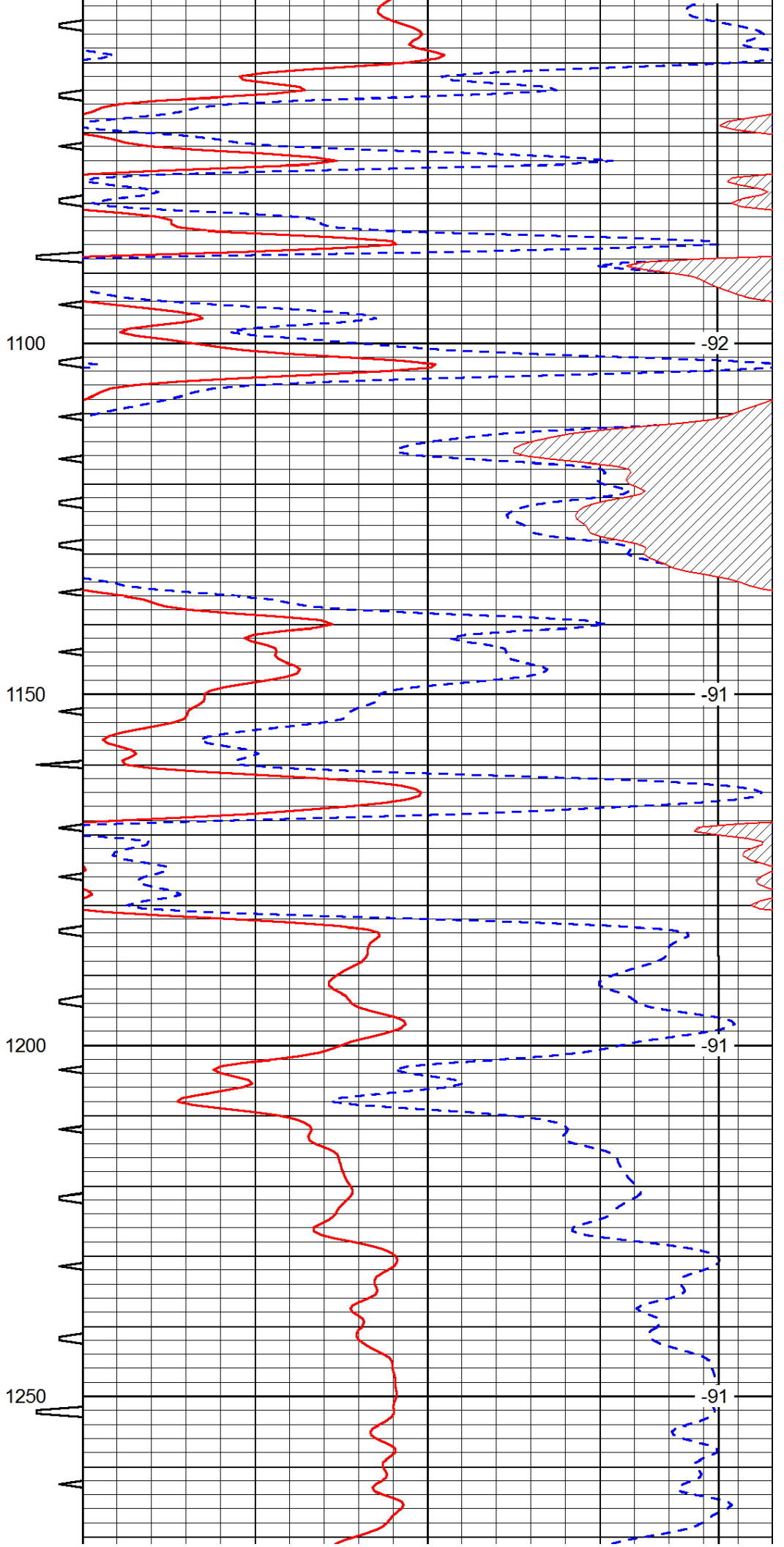
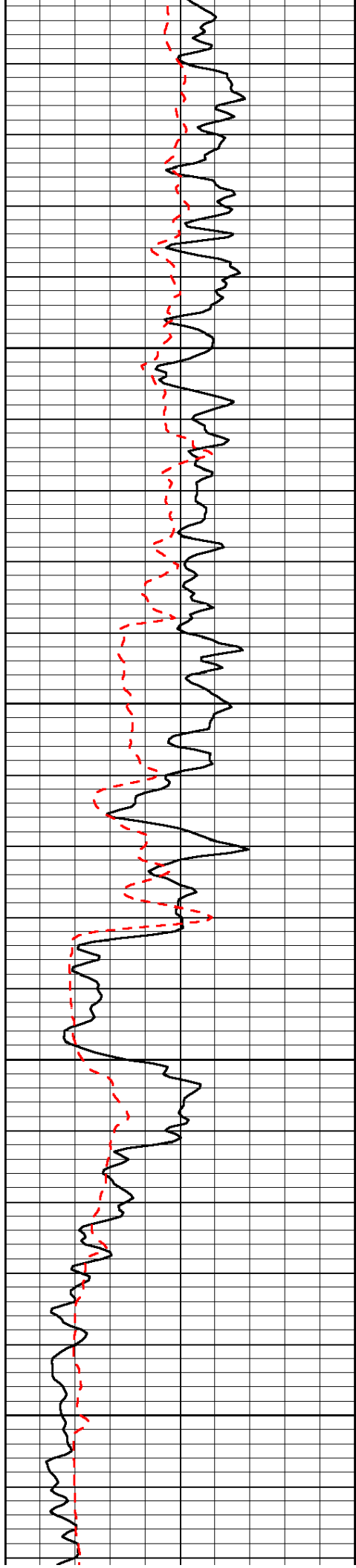
LSPD

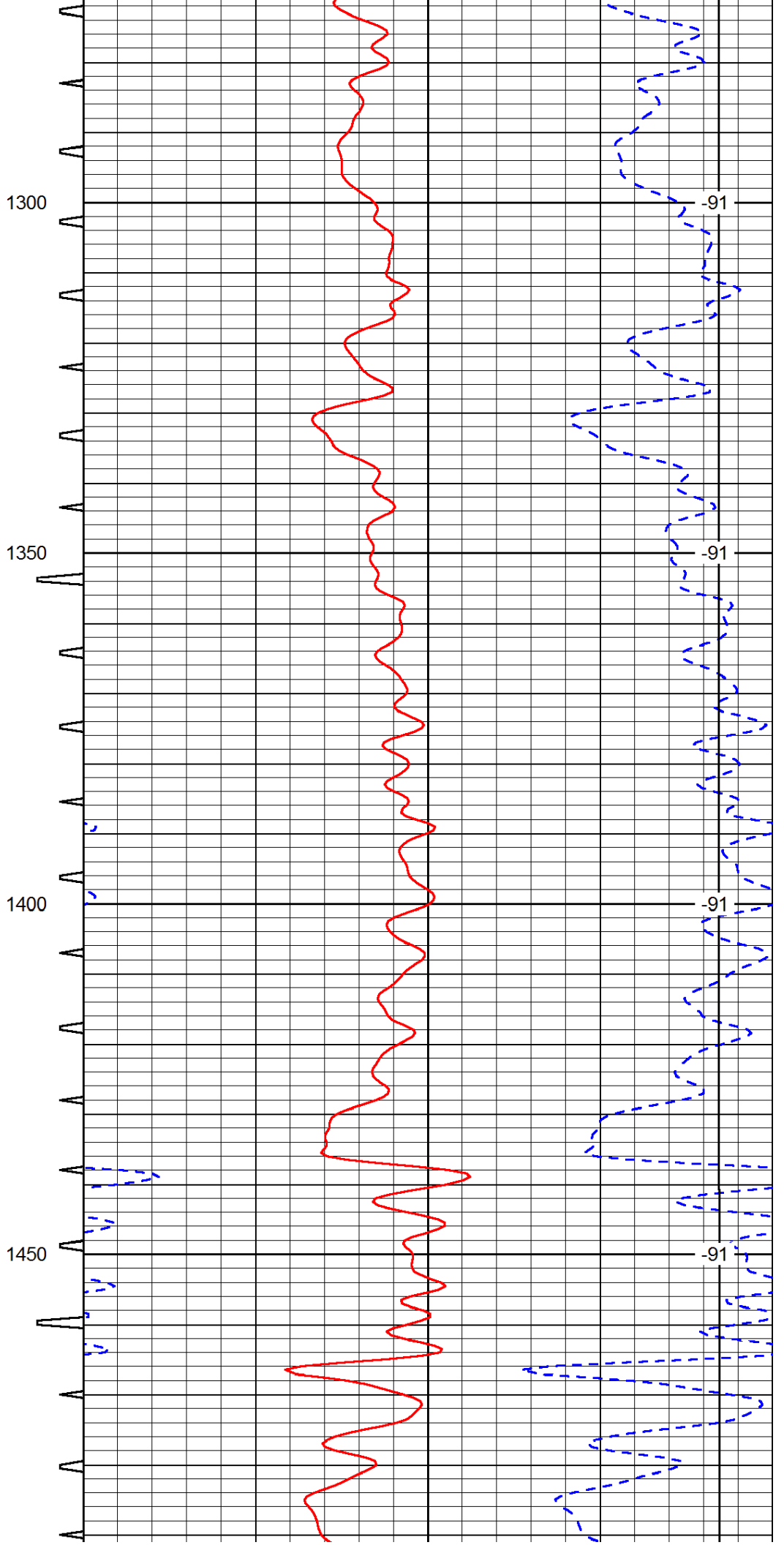
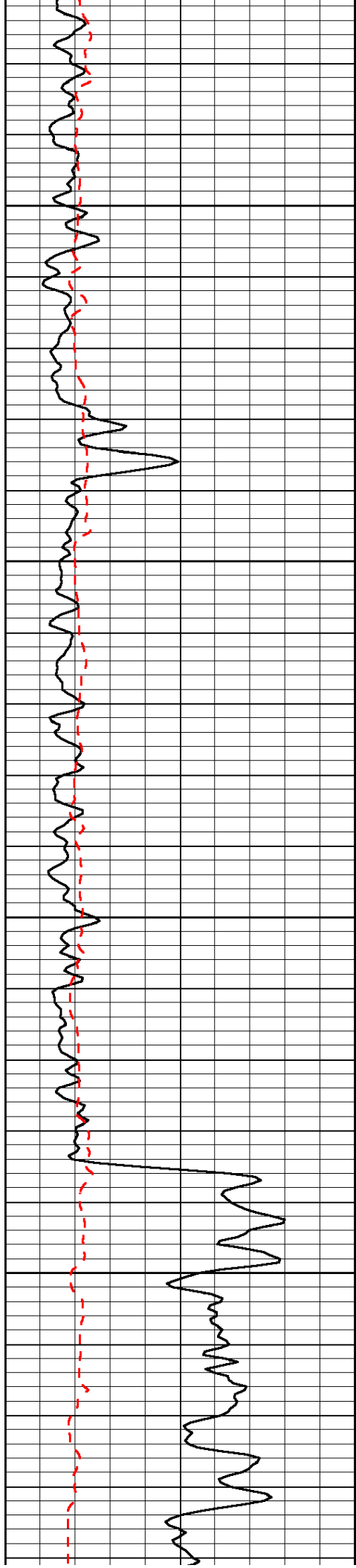


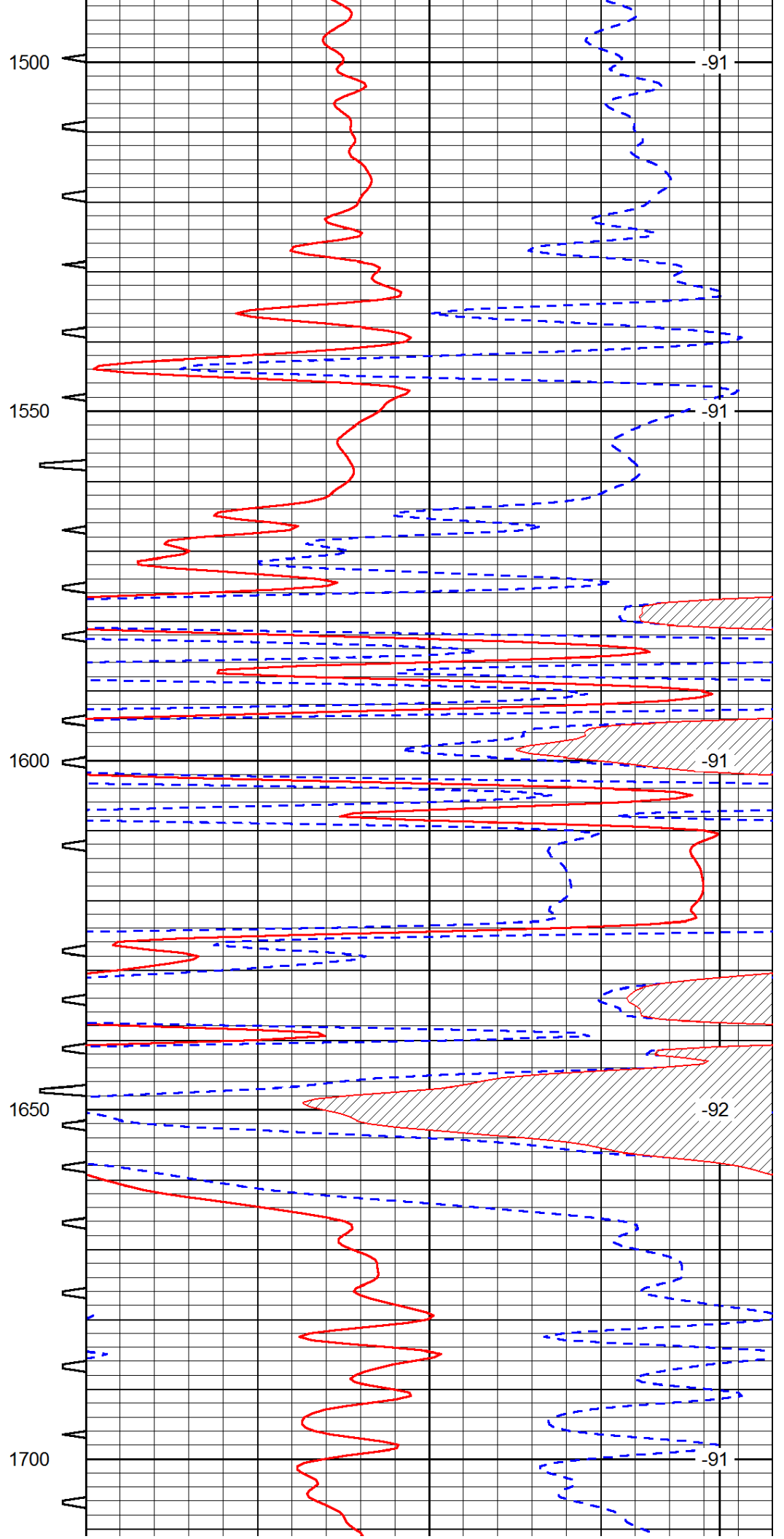
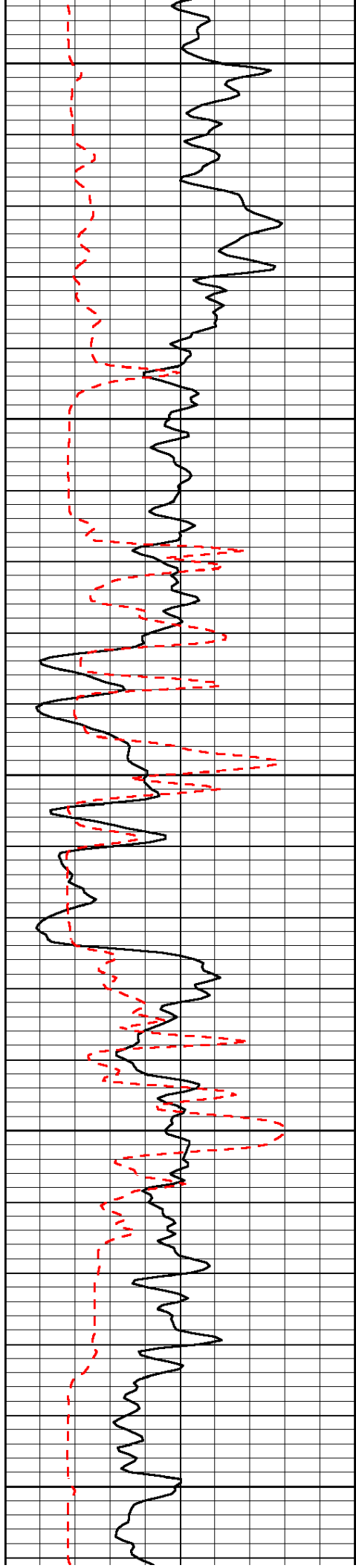


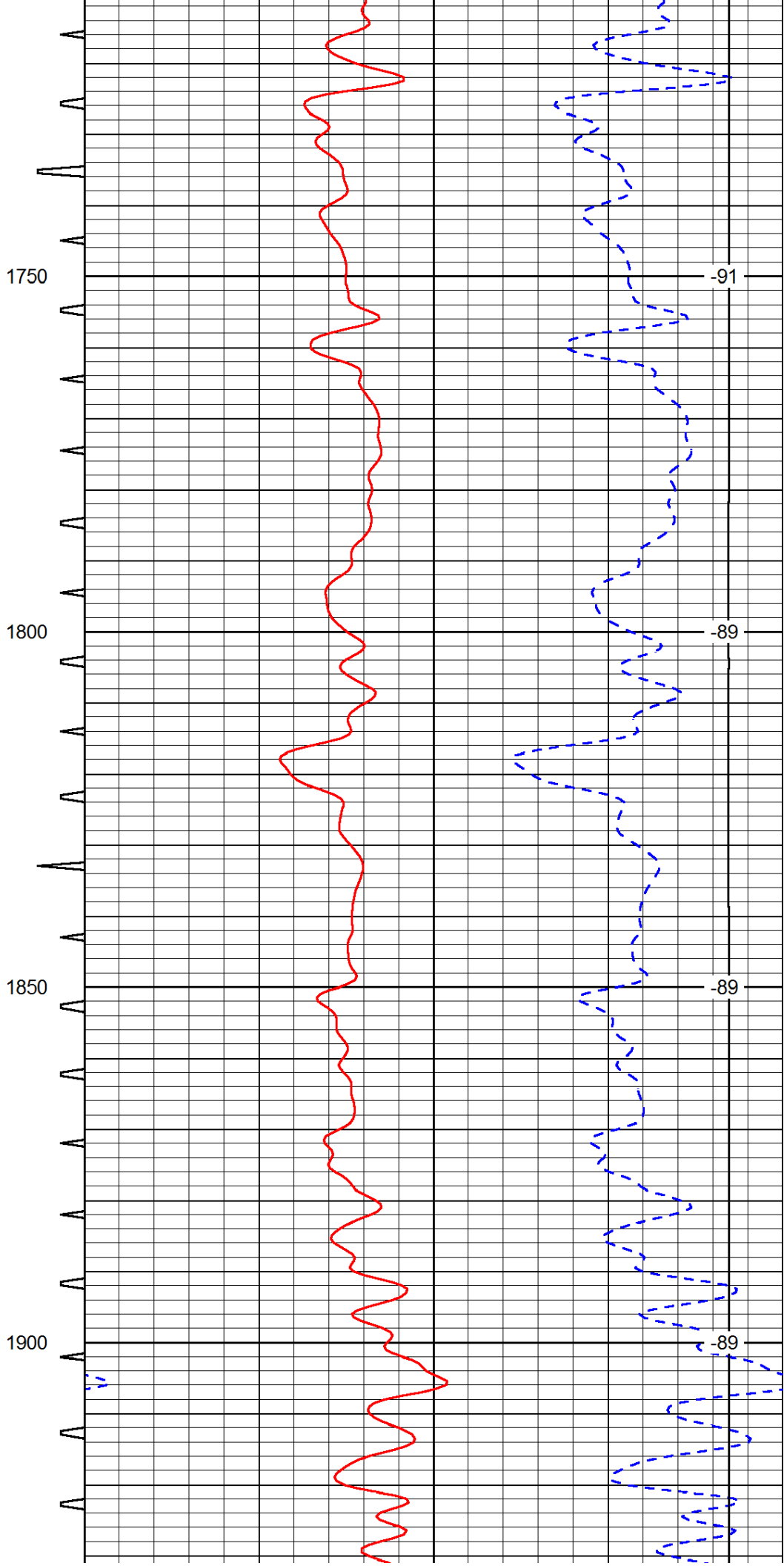
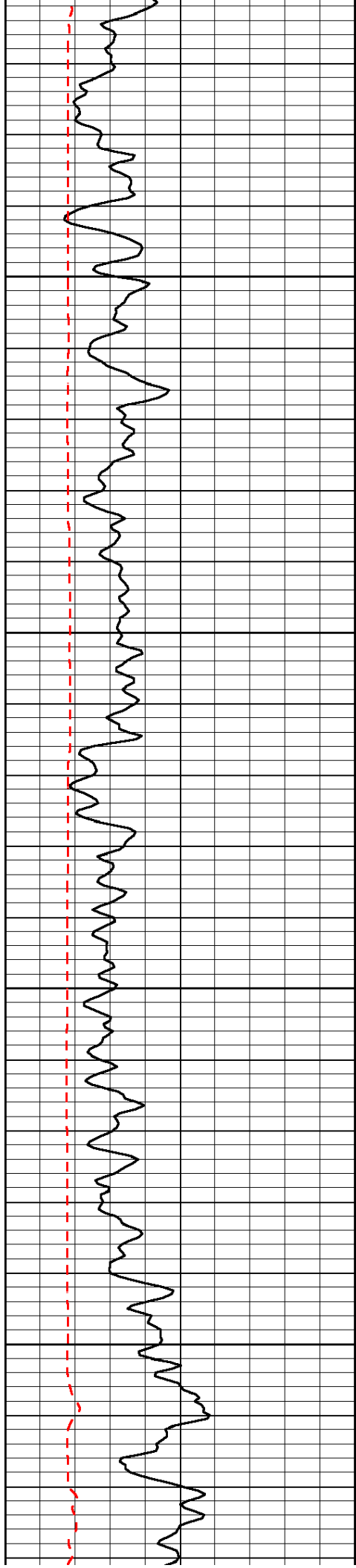


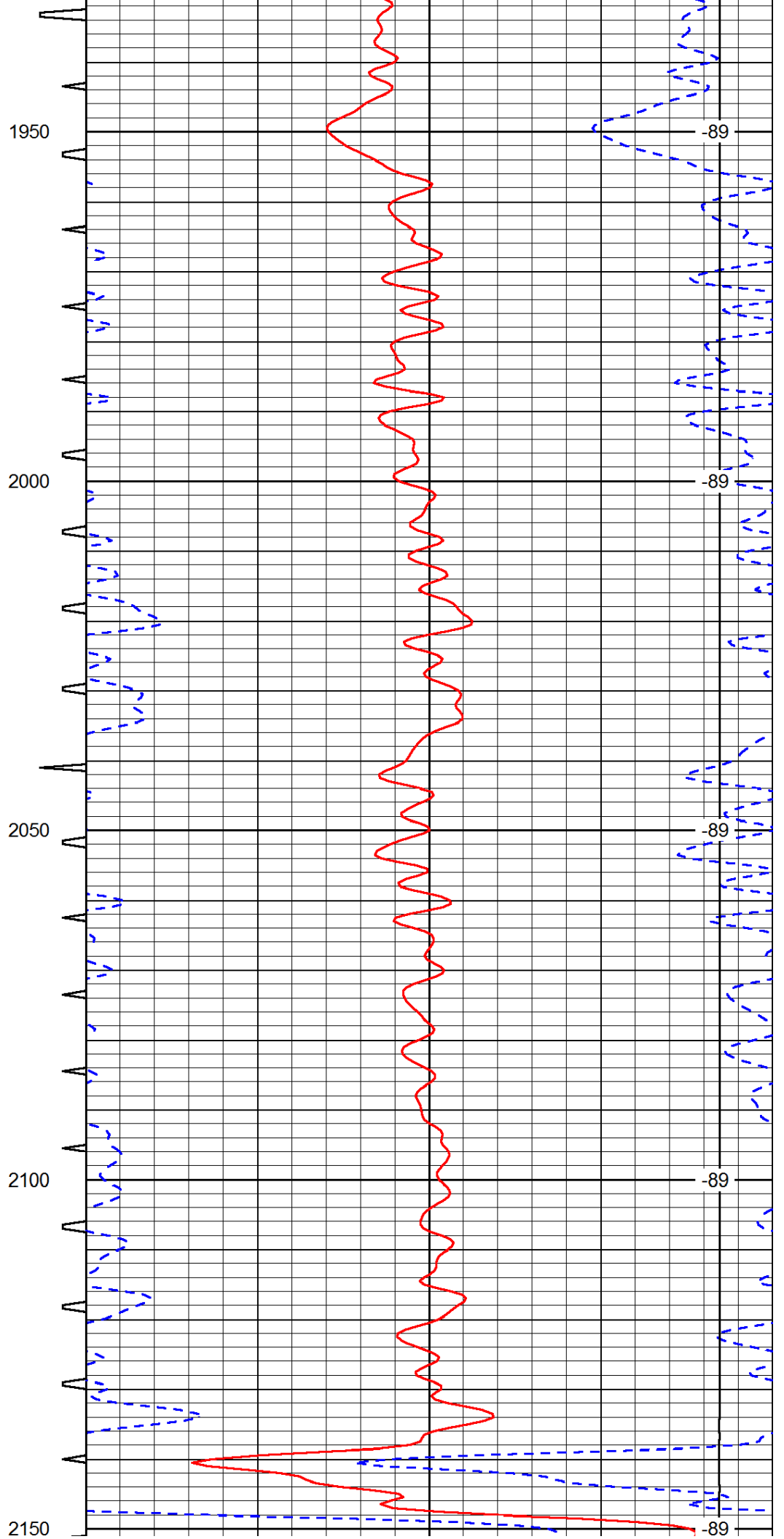
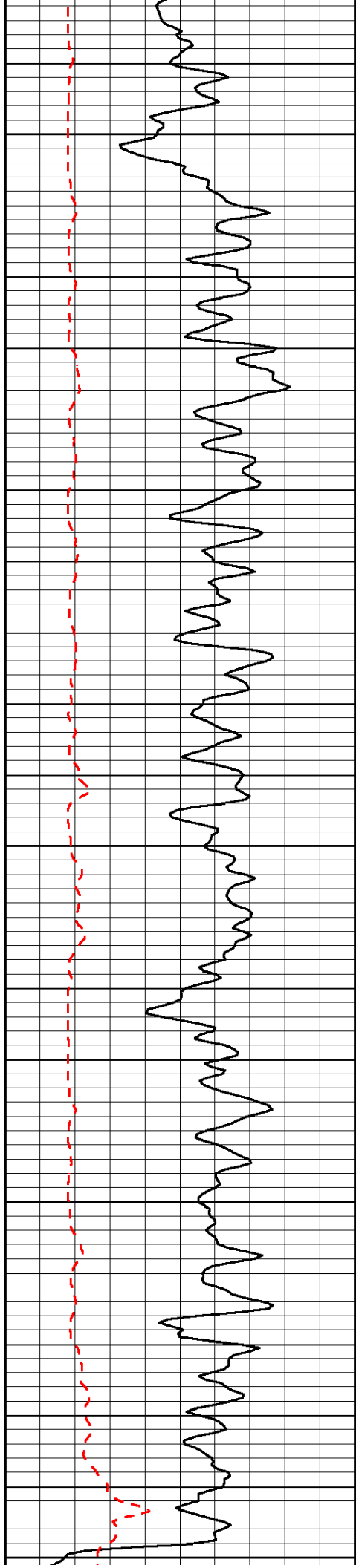


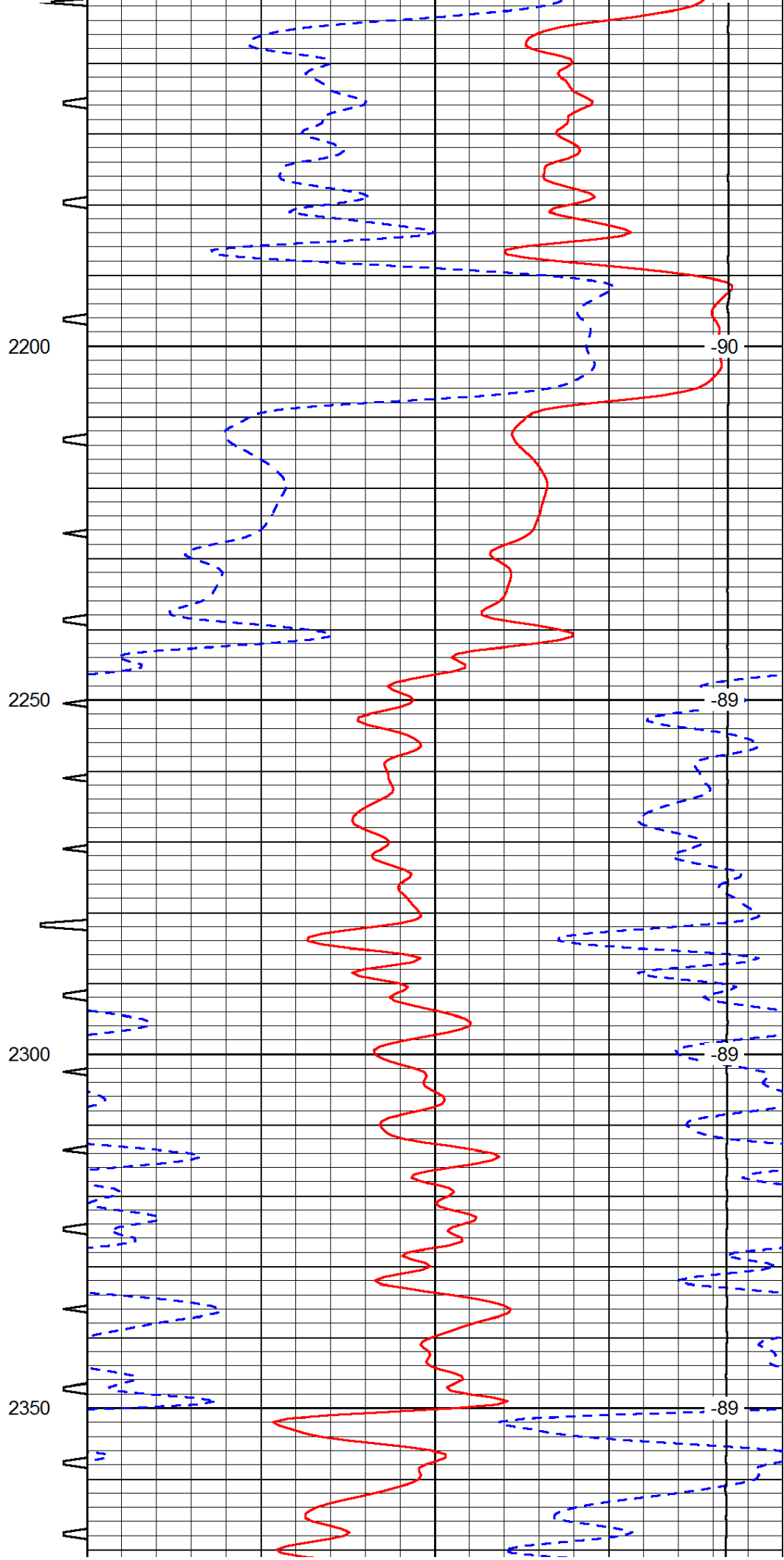
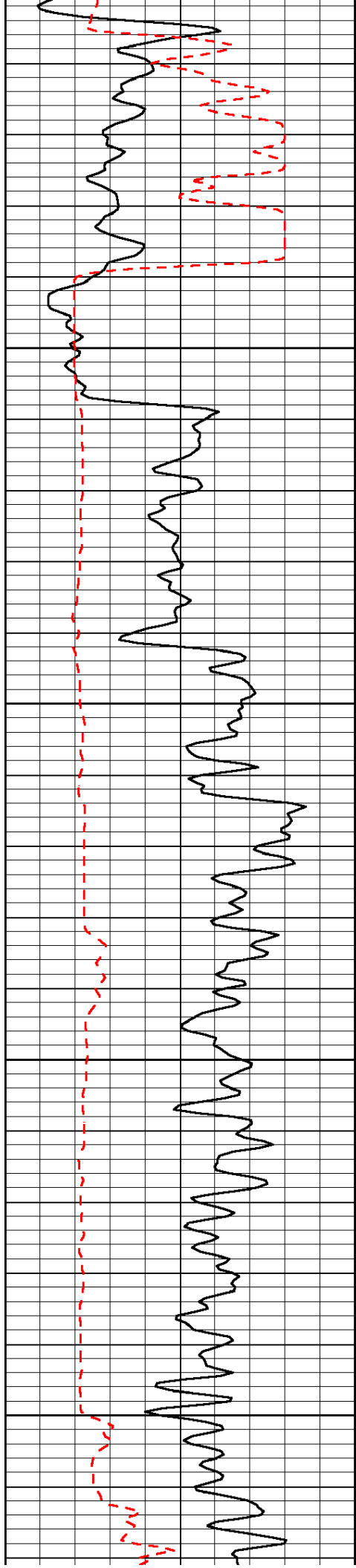


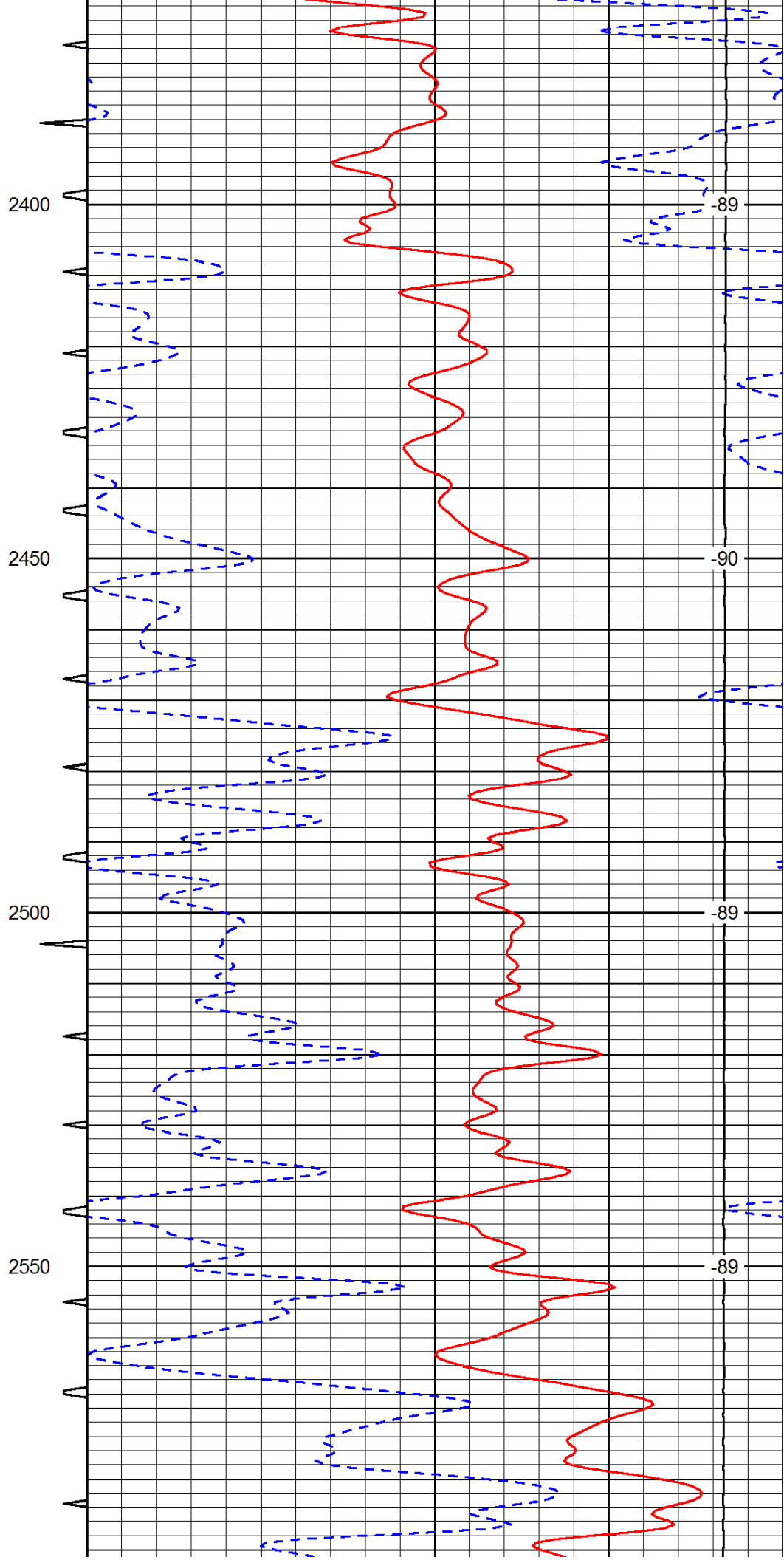
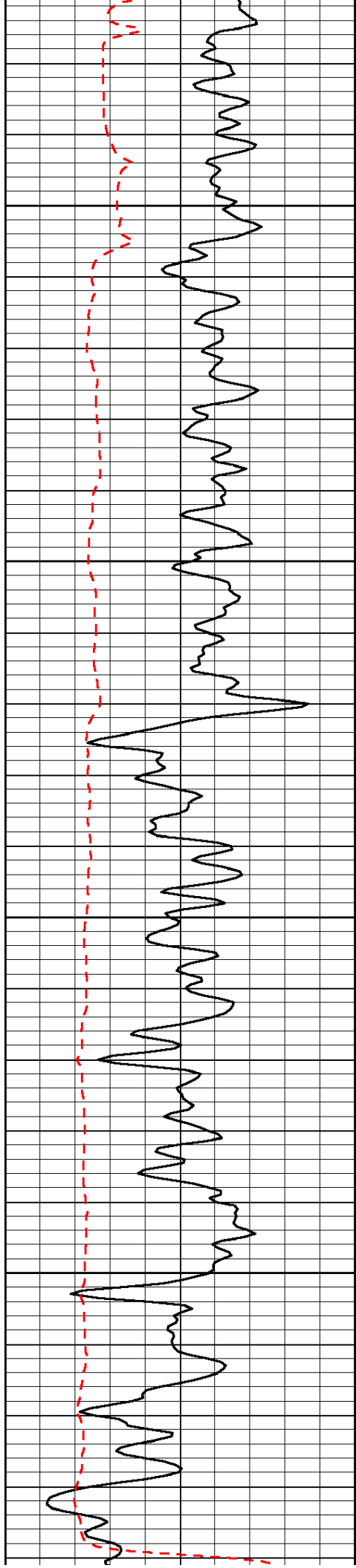


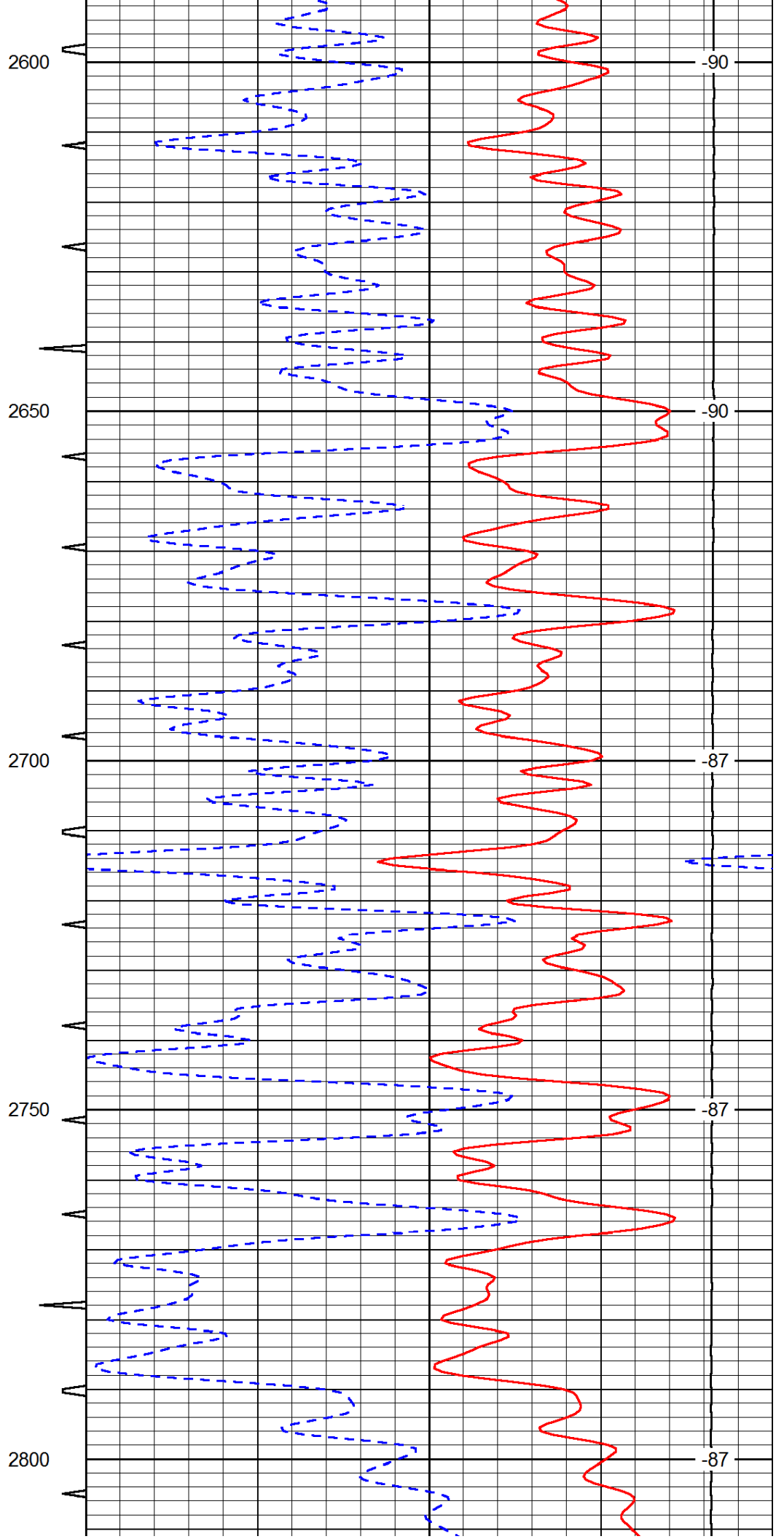
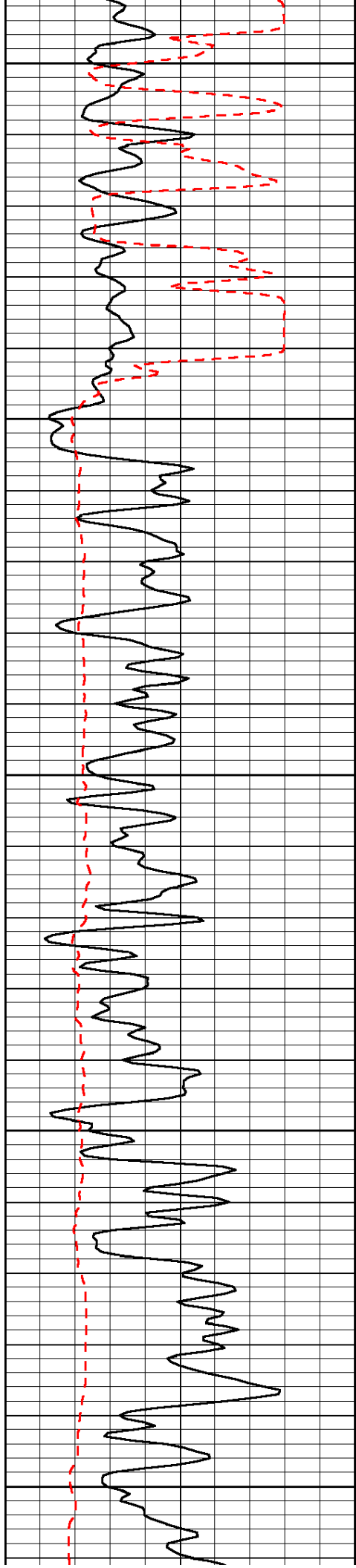


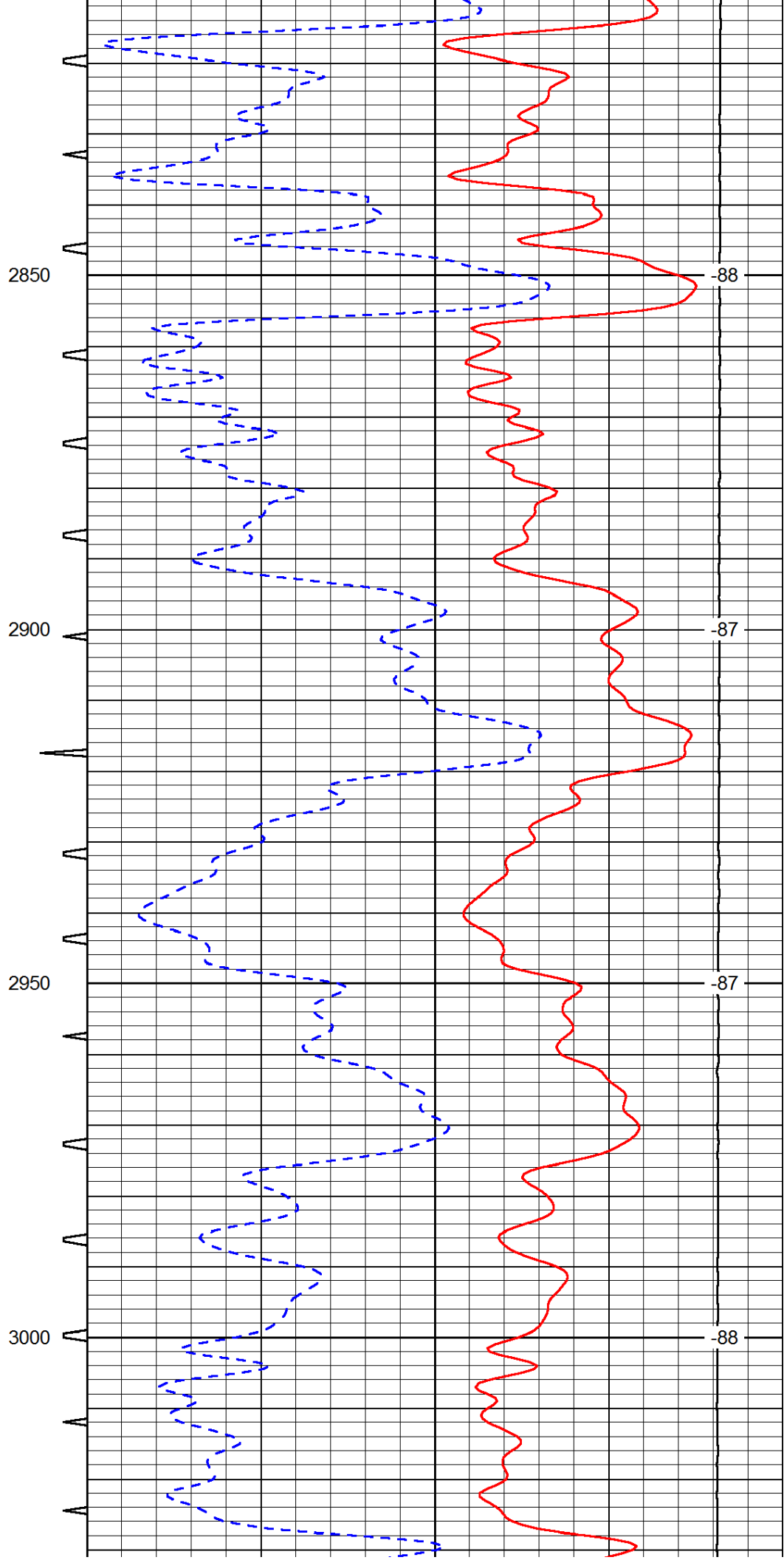
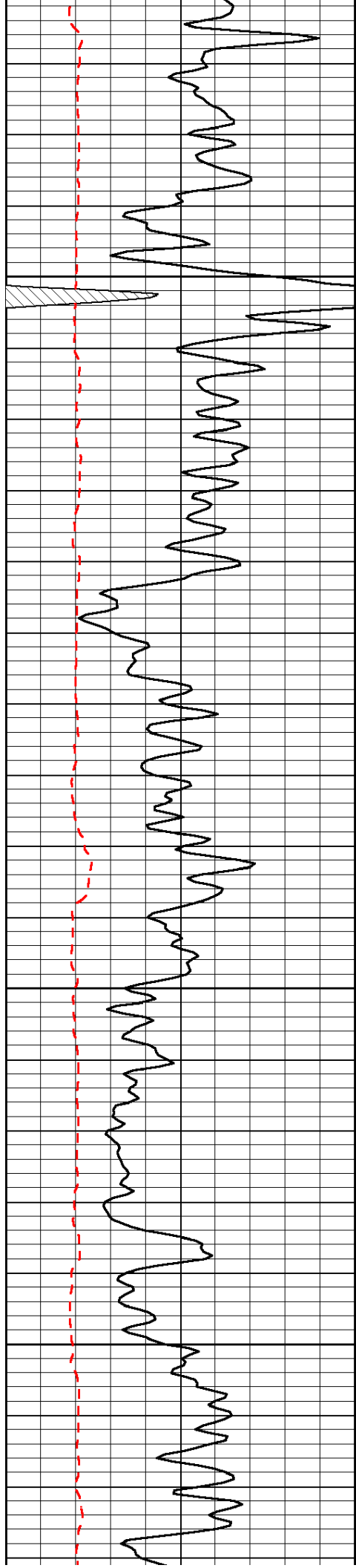


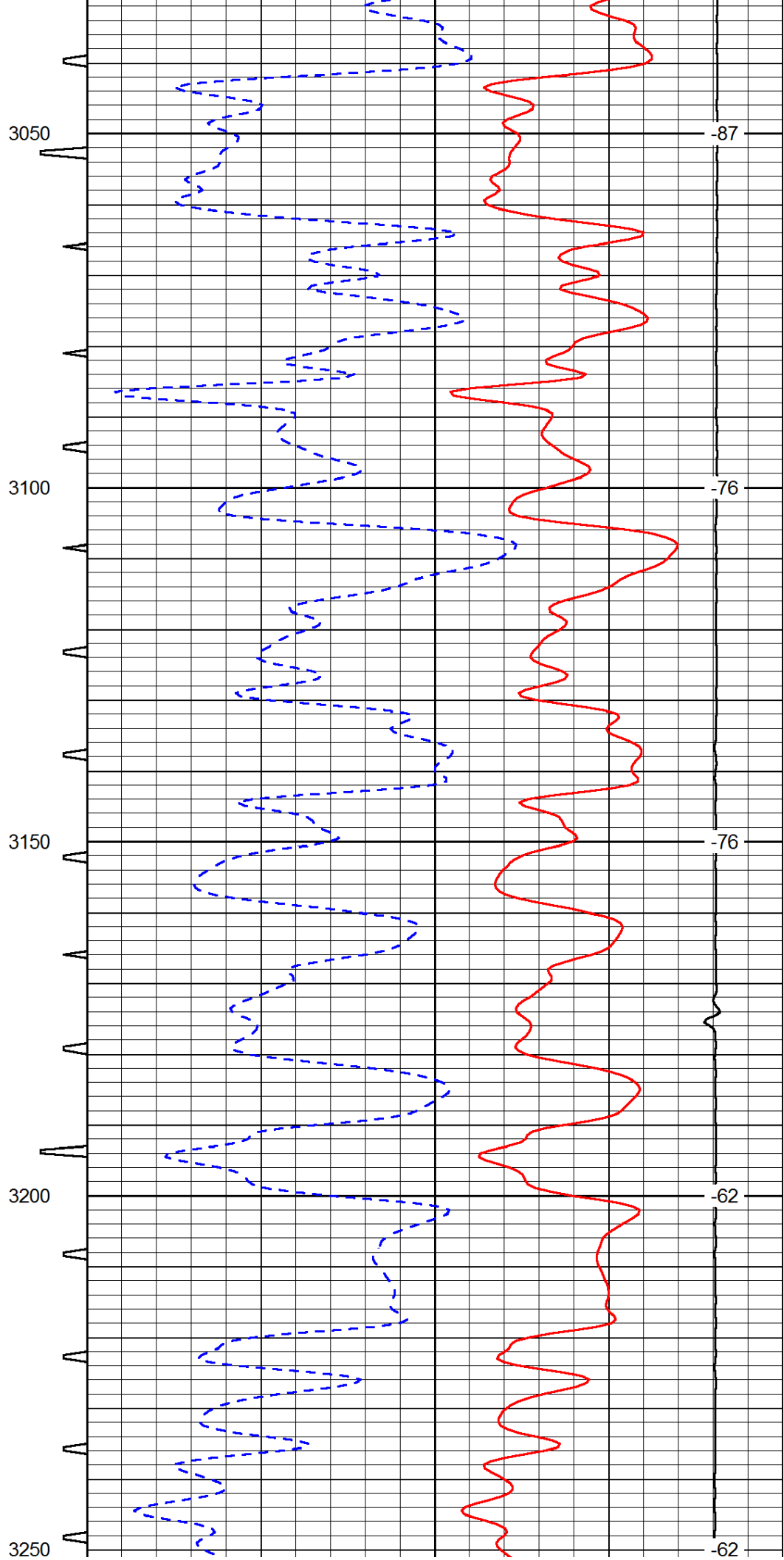
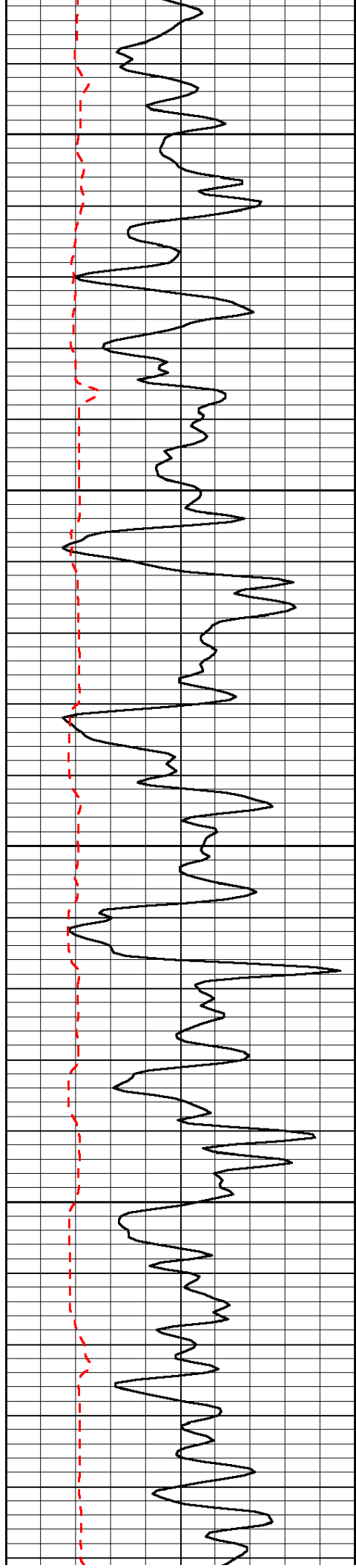


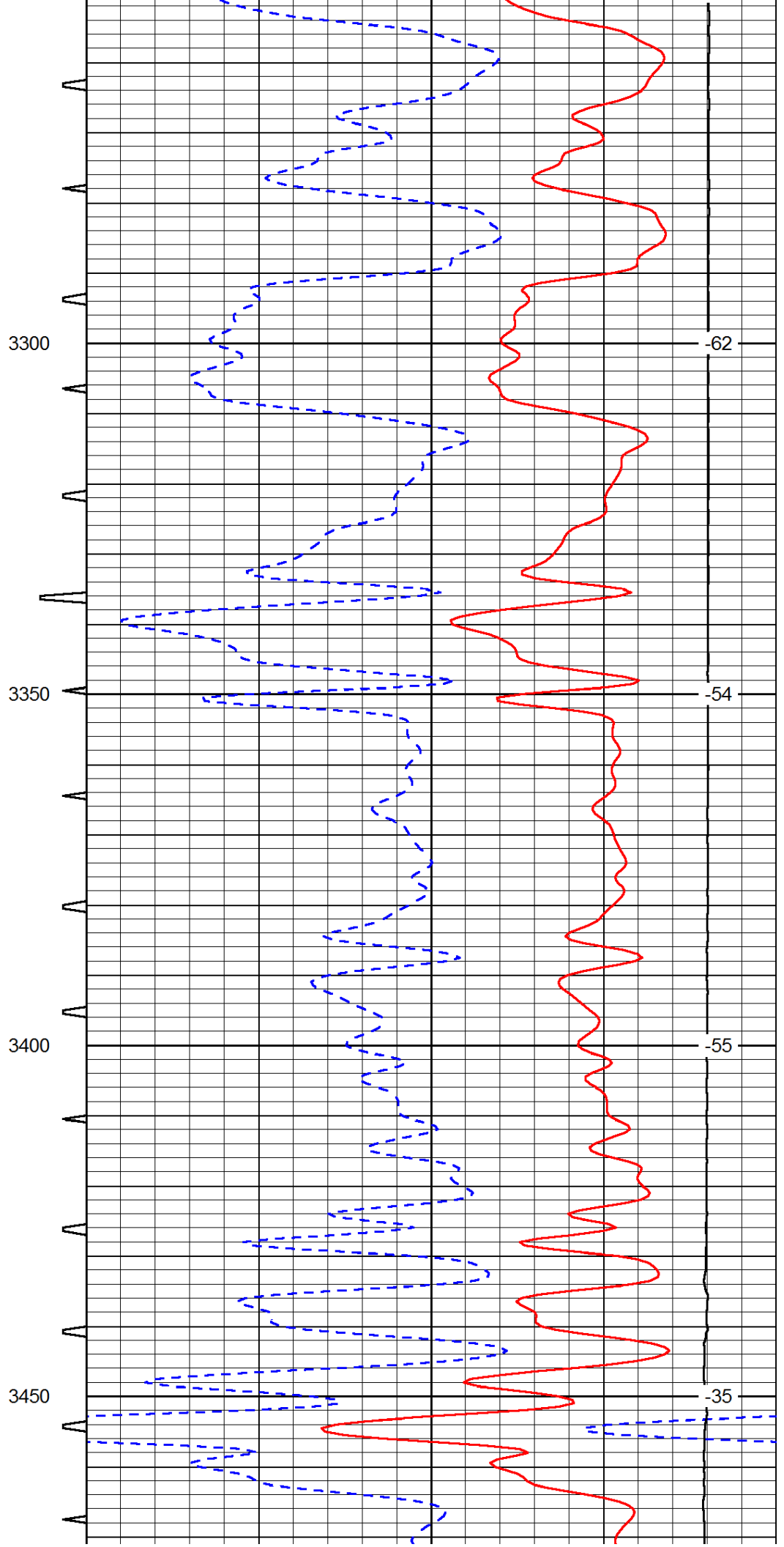
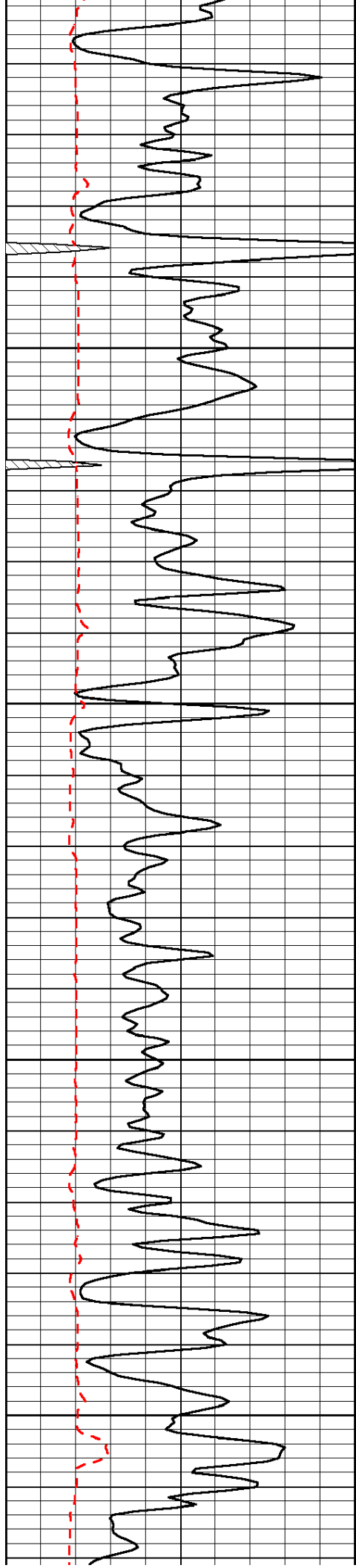


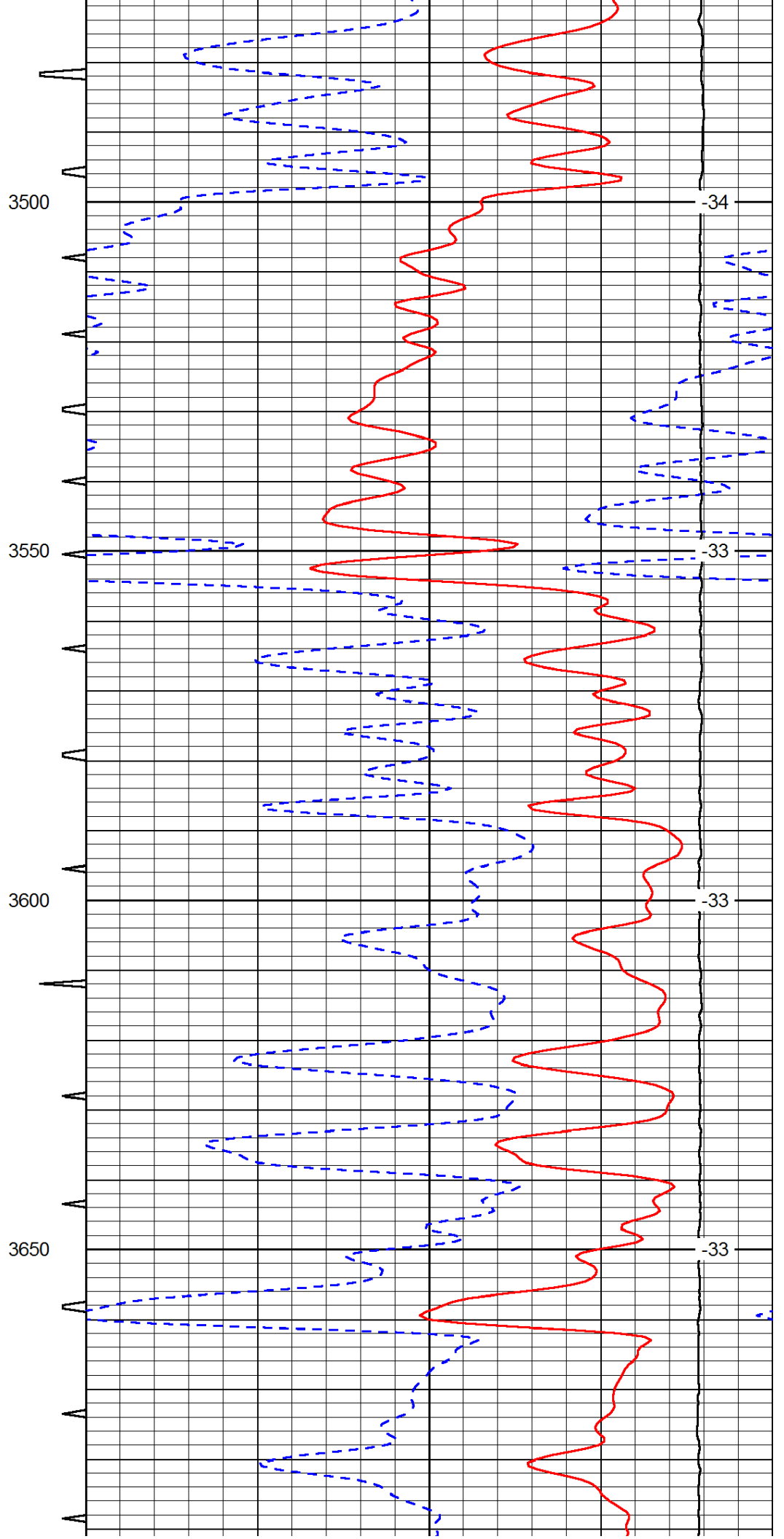
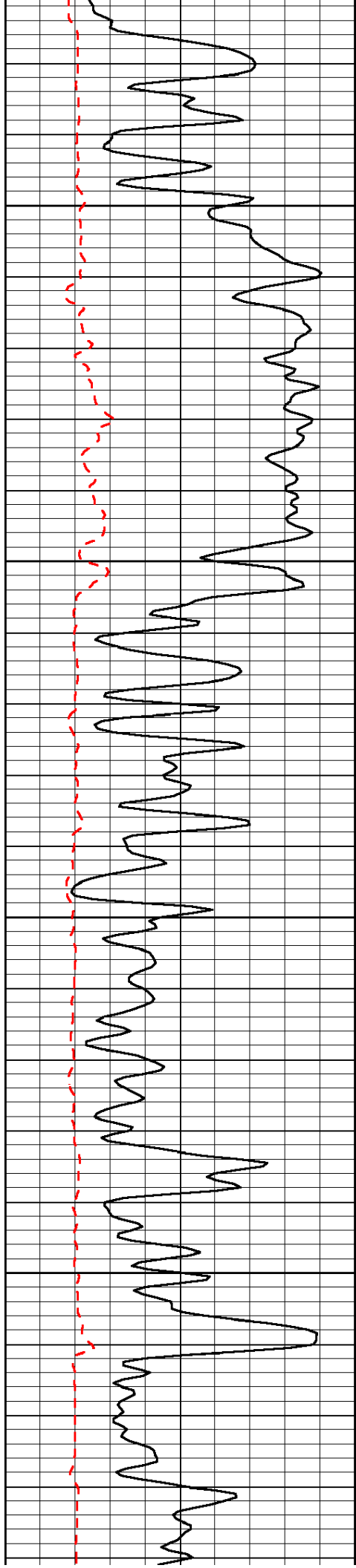


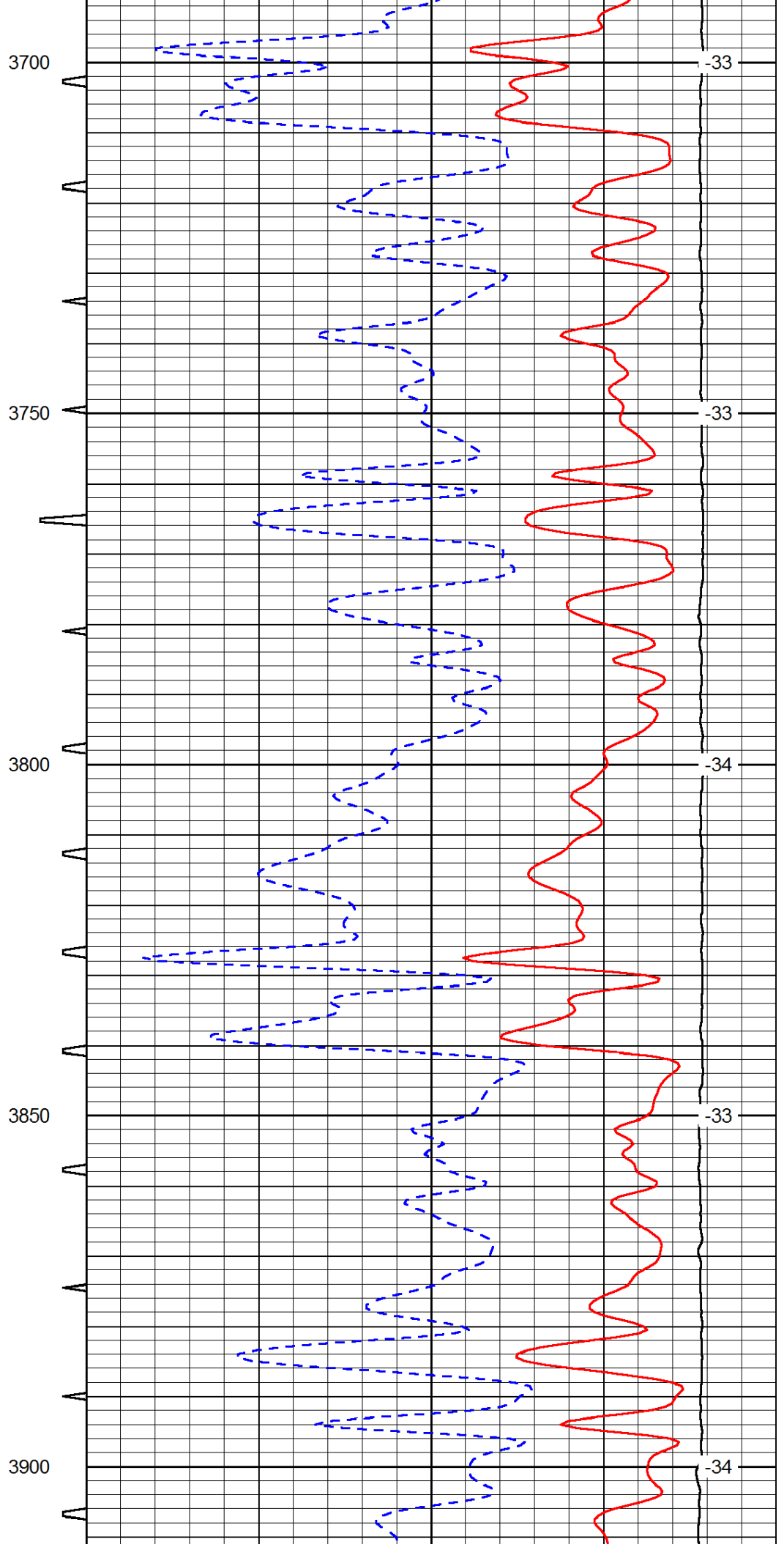
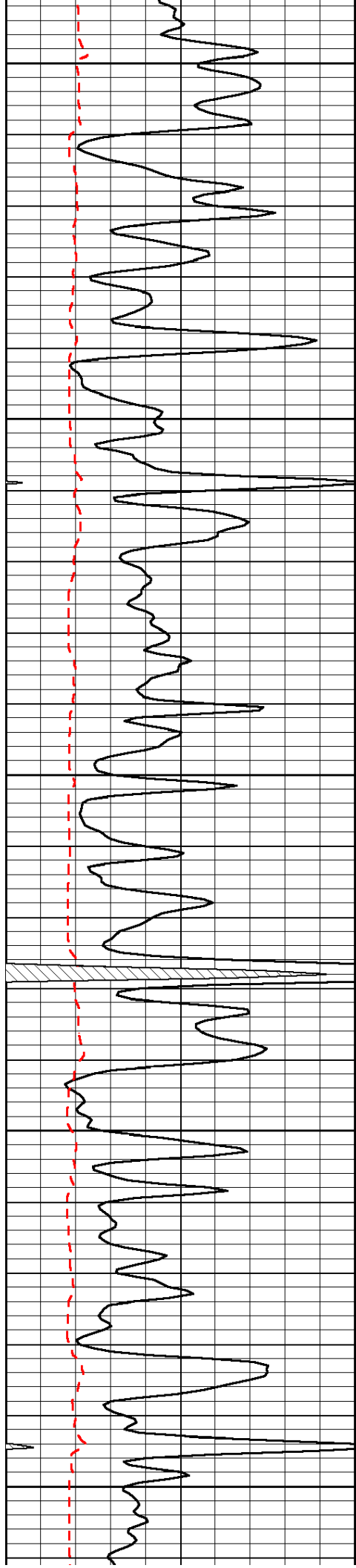


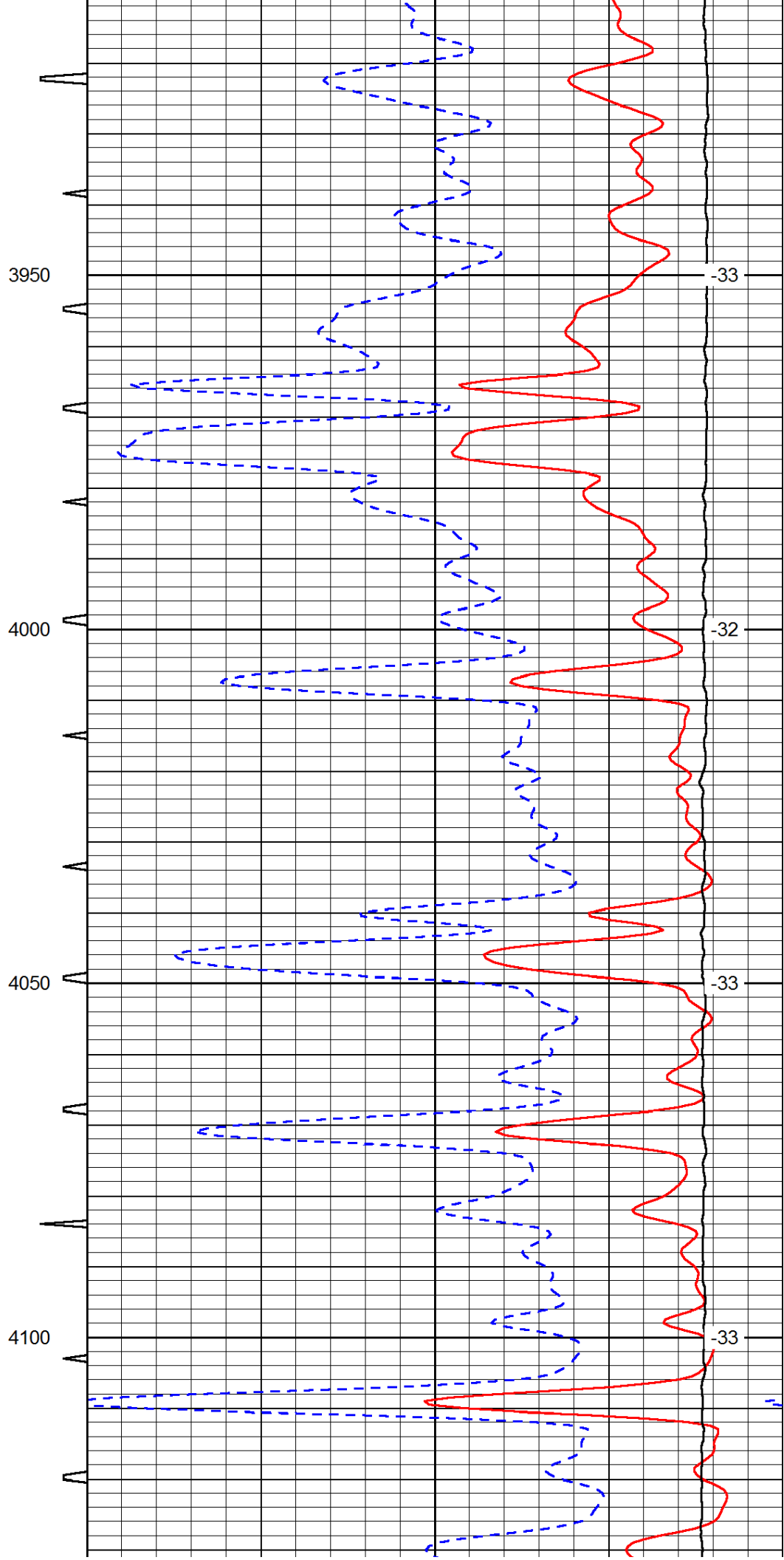
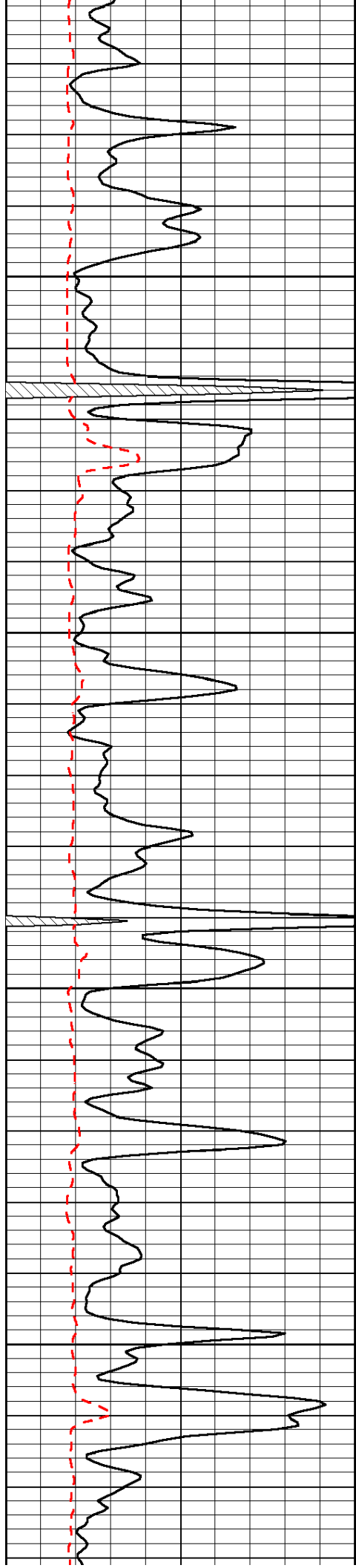


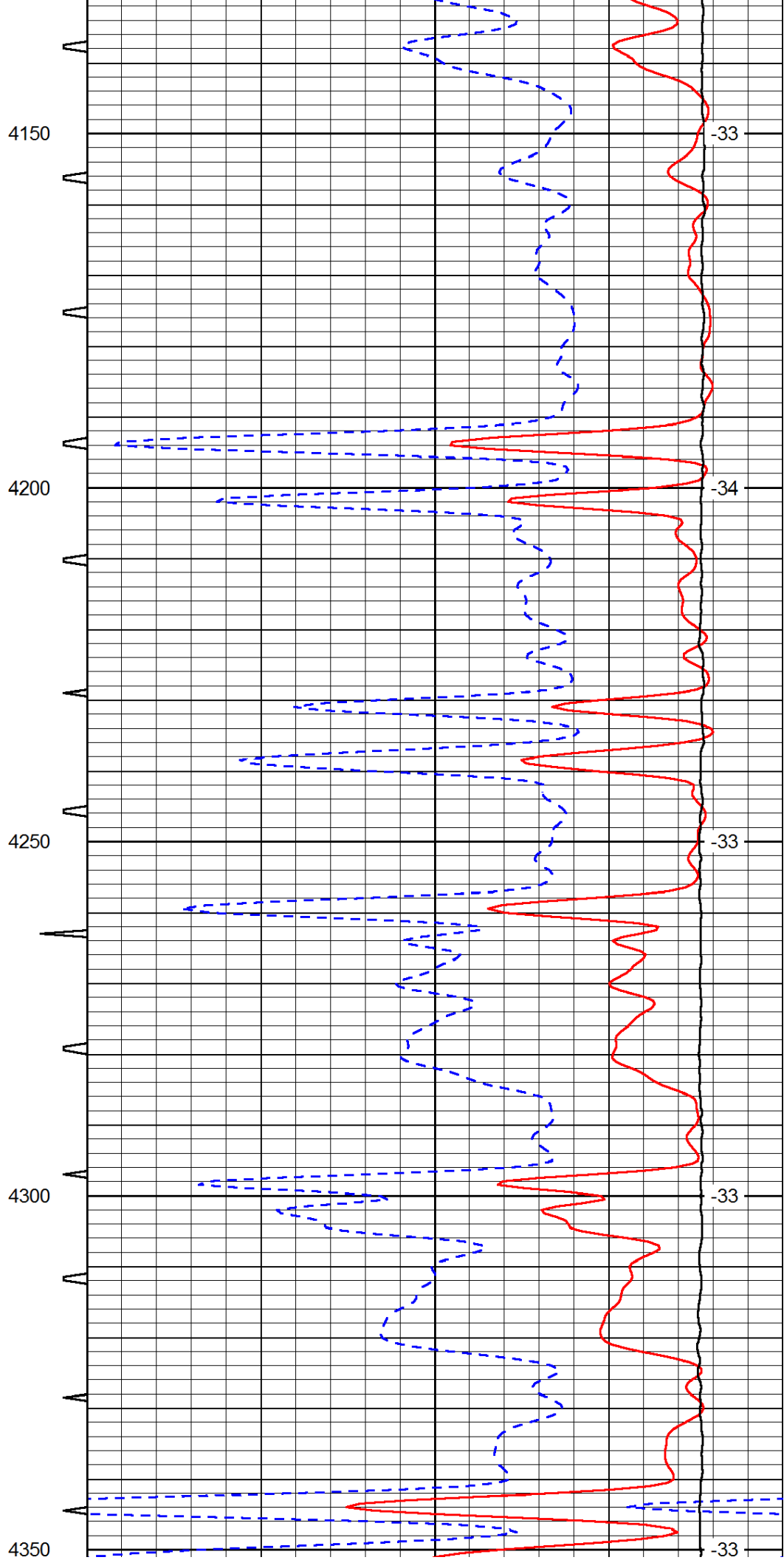
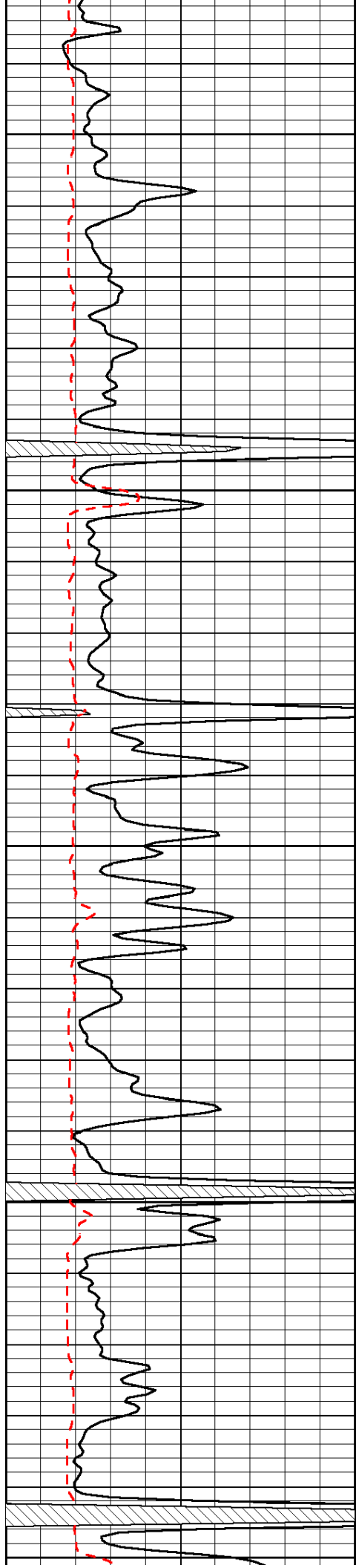


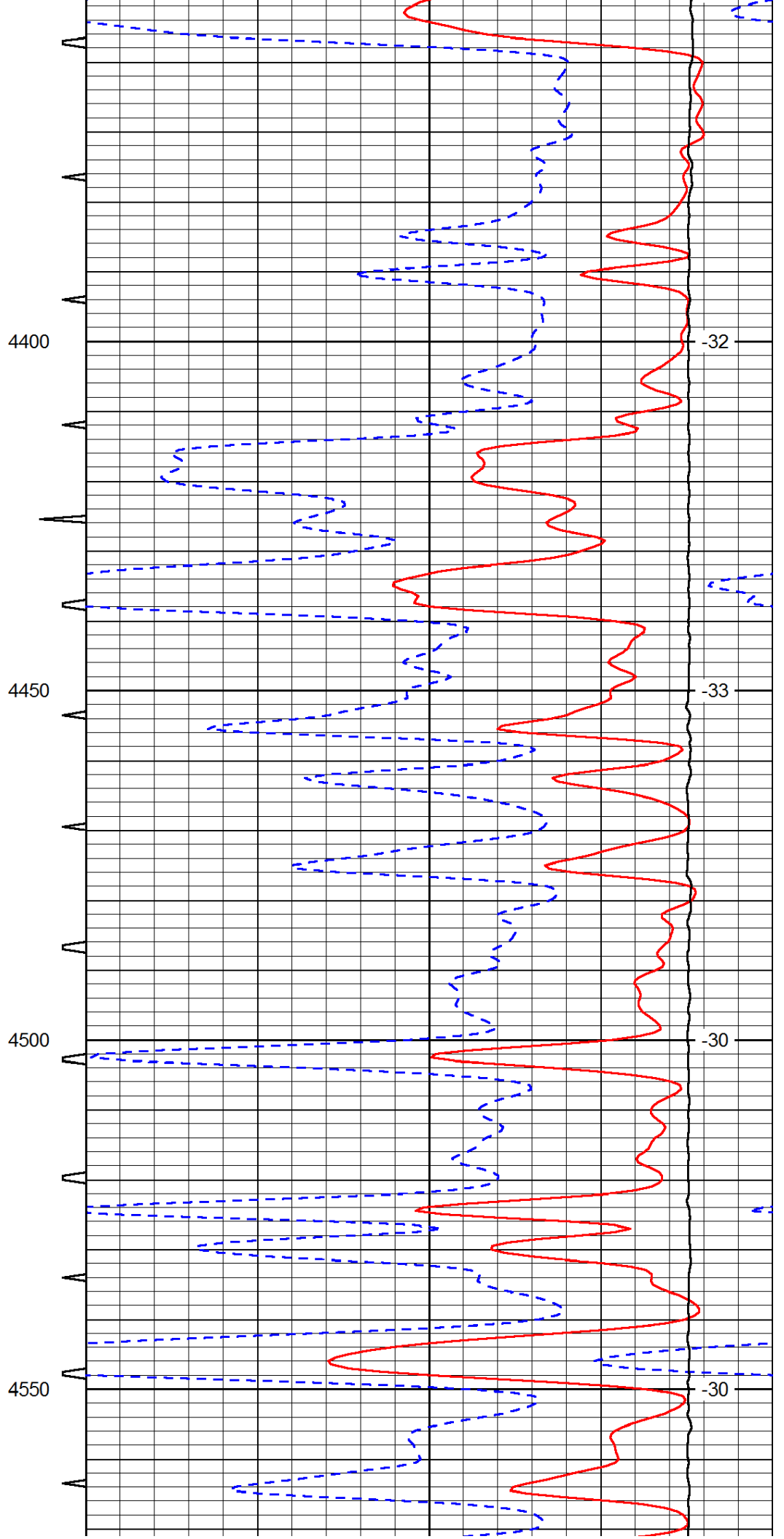
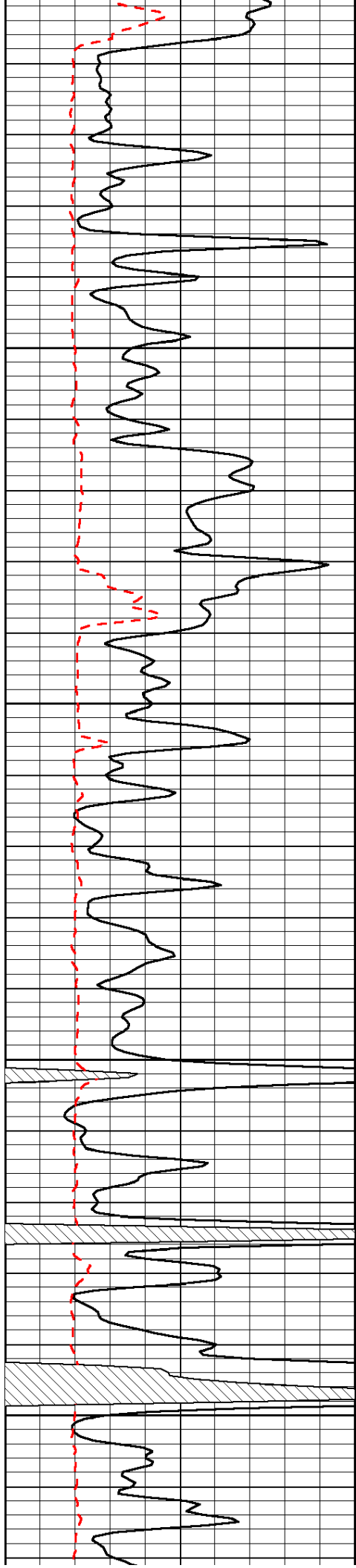


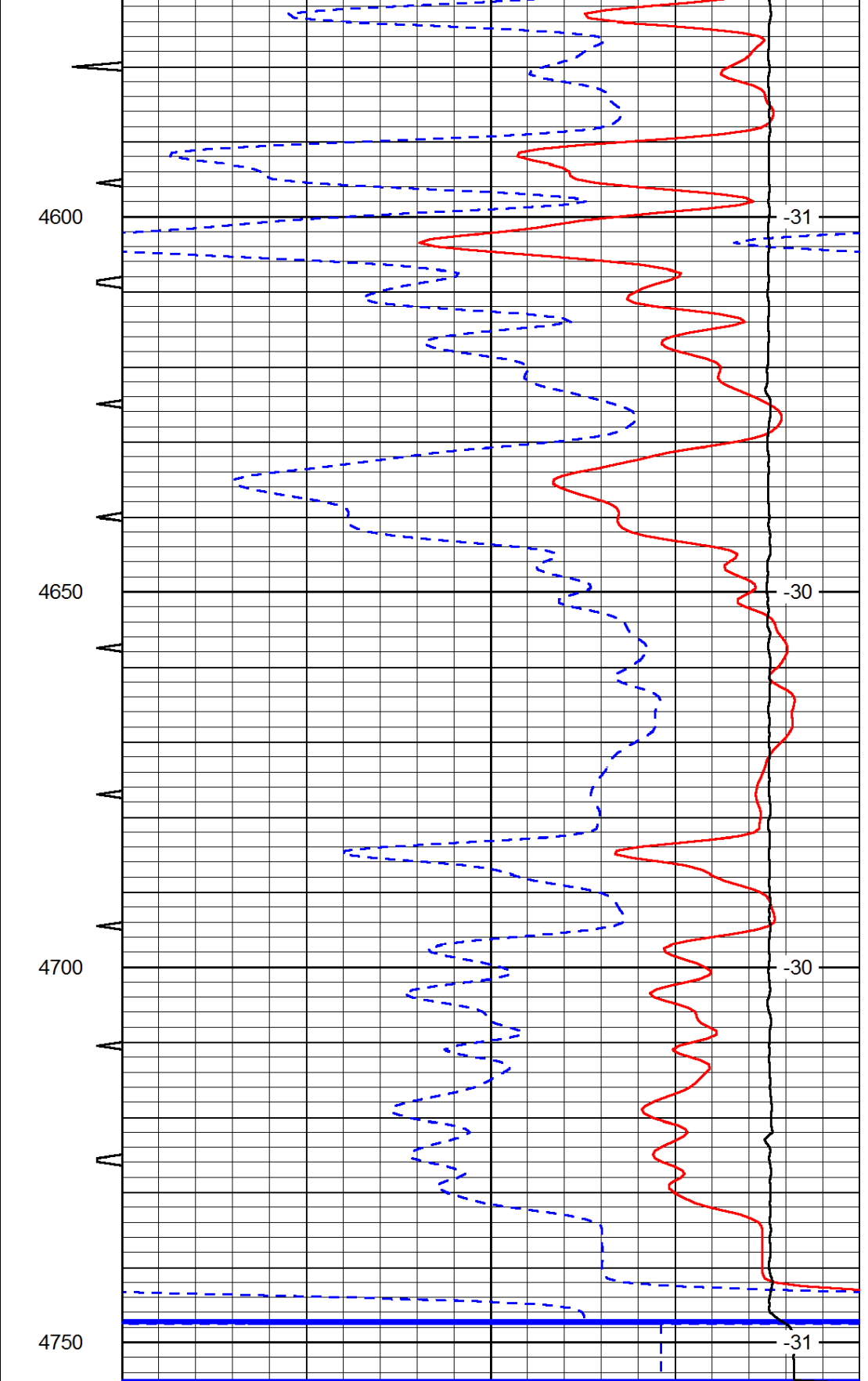
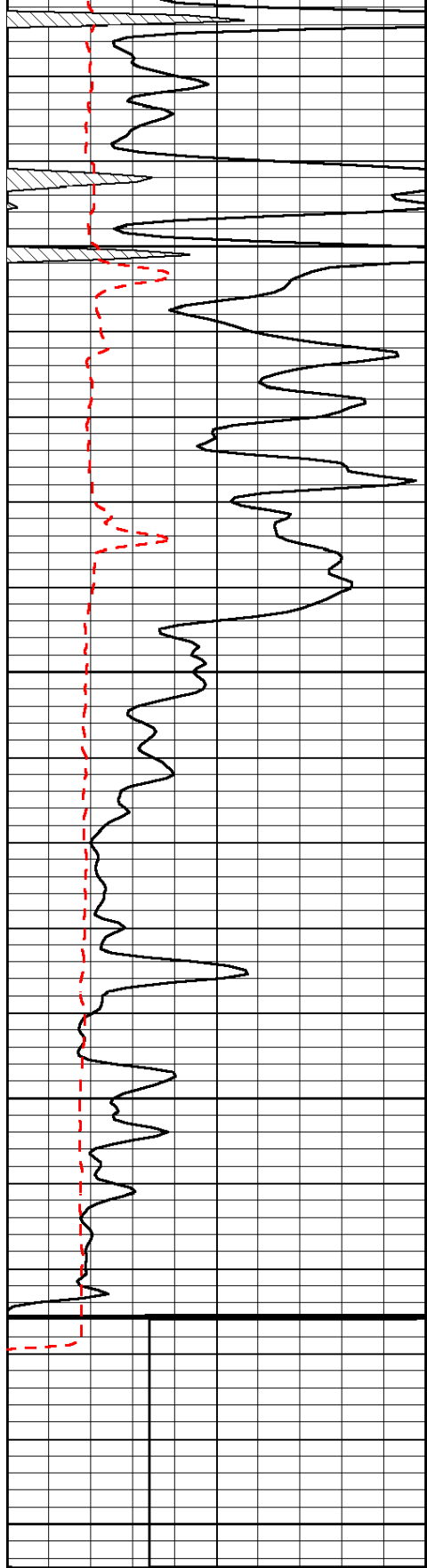












0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft)	40
150	Gamma Ray	300	5	0	SPOR	-10
6	Caliper (GAPI)	16		15000	LTEN (lb)	0
LSPD						



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 251045

Invoice Date: 07/11/2012 Terms: 10/10/30,n/30

Page 1

CARMEN SCHMITT, INC.
P.O. BOX 47 (915 HARRISON)
GREAT BEND KS 57530
(620)793-5100

CHURCH & SHAFFER #1
36999
25-20-29
07-01-2012
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	150.00	17.6500	2647.50
1102	CALCIUM CHLORIDE (50#)	423.00	.8900	376.47
1118B	PREMIUM GEL / BENTONITE	282.00	.2500	70.50

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-309.45
9995-130	CEMENT EQUIPMENT DISCOUNT	-175.59

Description	Hours	Unit Price	Total
463 CEMENT PUMP (SURFACE)	1.00	1085.00	1085.00
463 EQUIPMENT MILEAGE (ONE WAY)	40.00	5.00	200.00
566 MIN. BULK DELIVERY	1.00	470.94	470.94

Amount Due 5045.36 if paid after 08/10/2012

Parts:	3094.47	Freight:	.00	Tax:	175.45	AR	4540.82
Labor:	.00	Misc:	.00	Total:	4540.82		
Sublt:	-485.04	Supplies:	.00	Change:	.00		

Signed _____

Date _____

BARTLESVILLE, OK
918/338-0808

EL DORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

PONCA CITY, OK
580/762-2303

OAKLEY, KS
785/672-2227

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

GILLETTE, WY
307/686-4914



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 36999

LOCATION Oakley KS

FOREMAN Miles Shaw

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-1-12	1860	Church & Shaffer #1	25	20S	29W	Lane
CUSTOMER <u>Carmen Schmitt Inc</u>			Dighton 10S 6W			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			<u>403</u>	<u>Jerry Y</u>		
STATE			<u>506</u>	<u>Wes F</u>		
ZIP CODE						

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH ~~219~~ 219 CASING SIZE & WEIGHT 8 5/8 24#
 CASING DEPTH 210 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.7 SLURRY VOL 1.34 WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 12 1/4 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting And rig up on South wing #70 to 8 5/8 casing Circulate
clean mix 150 sks common class A cement with 38 calcium chloride and
28 bentonite gel displaced 66ls water and shut in Cement did circulate
popover 56lbs to pit

Thanks Miles & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405	1	PUMP CHARGE	1085. ⁰⁰	1085. ⁰⁰
5406	40	MILEAGE	5. ⁰⁰	200. ⁰⁰
5407	7.05	Ton Mileage Delivery	1.67	470.94
1104S	150 sks	Common Class A Cement	17.05	2647.50
1102	423	Calcium Chloride	.89	376.47
1118B	282	Bentonite Gel	.25	70.50
			Subtotal	4850.41
			less 10% discount	485.04
			Subtotal	4365.37
			SALES TAX	175.45
			ESTIMATED TOTAL	4540.82

AUTHORIZATION [Signature] TITLE Pusher 251045 DATE 7-1-12

acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form



P. O. Box 466
 Ness City, KS 67560
 Off: 785-798-2300



Invoice

DATE	INVOICE #
7/20/2012	22779

BILL TO
Carmen Schmitt, Inc. P. O. Box 47 915 Harrison Great Bend, KS 67530-0047

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Frontier Unit	Lane	DS&W Well Servi...	Oil	Development	Cement Port Collar	Blaine

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	45	Miles	6.00	270.00
576D-D	Pump Charge - Port Collar	1	Job	1,250.00	1,250.00
330	Swift Multi-Density Standard (MIDCON II)	200	Sacks	16.50	3,300.00T
276	Flocele	50	Lb(s)	2.00	100.00T
290	D-Air	2	Gallon(s)	35.00	70.00T
288	Sand (20/40 Brady)	1	Sack(s)	22.00	22.00T
104	Port Collar Tool Rental	1	Each	250.00	250.00T
581D	Service Charge Cement	300	Sacks	2.00	600.00
583D	Drayage	671.25	Ton Miles	1.00	671.25
	Subtotal				6,533.25
	Sales Tax Lane County			6.30%	235.75

We Appreciate Your Business!	Total	\$6,769.00
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CHARGE TO: Carmen Schmitt
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
 No 22779

PAGE 1 OF 1

SERVICE LOCATIONS: June 14/15
 WELL/PROJECT NO. #1 LEASE Frontier COUNTY/PARISH LANE STATE KS CITY Dighton DATE 209/12 OWNER
 TICKET TYPE SERVICE SALES CONTRACTOR DS#N RIG NAME/NO. SHIPPED VIA CT DELIVERED TO location ORDER NO.
 WELL TYPE oil WELL CATEGORY Development JOB PURPOSE cement port collar WELL PERMIT NO. WELL LOCATION
 REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	45	mi			6.00	270.00
576D		1			Pump Charge	1	year			1250.00	1250.00
330		1			3WD cements	200	sk			16.50	3300.00
276		1			Fluore	50	lb			2.00	100.00
290		1			D-air	2	gal			35.00	70.00
104		1			Port Collar Tail Rental	1	ea			250.00	250.00
581		1			Service Charge	300	sk			2.00	600.00
583		1			Drayage	29853	lb	671.25	TM	6.71	671.25
288		1			sand	1	ea			22.00	22.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 x Perry H. [Signature]
 DATE SIGNED TIME SIGNED A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				6533.25
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				6.3%
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		235.75
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL 6769.00

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR [Signature] APPROVAL [Signature] Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 20 Jul 12 PAGE NO.

CUSTOMER Cermen Schmidt WELL NO. 41 LEASE Frontier JOB TYPE cement port collar TICKET NO. 22779

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								300 sks SMD w/ 1/2" floater 2 3/4" Port Collar @ 2200
	10:10							on loc TRK 114
	11:55		30					fill hole
	12:00					1000	1000	test to 1000 psi - held
	12:10		9					spot 1340k sand open port collar
	12:20	2	2				400	inj rate 2 bpm @ 400 psi
	13:00	4					500	mix SMD cement @ 11.2 ppg
		4	27				500	fluid to surface
	13:30	4	110				500	- cement to surface - } 200 sks mixed } } 15 to pit }
	13:40					1000	1000	close port collar Test to 1000 psi - held Run 5 joints reverse hole clean - 2 cement flags - Run down to plug wash truck
			30					circulate sand off plug latch on plug
								Back up
								job complete Dave, Blair, John & Bob



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
7/11/2012	23154

BILL TO
Carmen Schmitt, Inc. P. O. Box 47 915 Harrison Great Bend, KS 67530-0047

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Frontier Unit	Lane	SouthWind Drillin...	Oil	Development	4-1/2" LongString	Jason
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				50	Miles	6.00	300.00
578D-L	Pump Charge - Long String - 4744 Feet				1	Job	1,500.00	1,500.00
402-4	4 1/2" Centralizer				10	Each	65.00	650.00T
403-4	4 1/2" Cement Basket				2	Each	250.00	500.00T
404-4	4 1/2" Port Collar - 2200 Feet				1	Each	2,400.00	2,400.00T
406-4	4 1/2" Latch Down Plug & Baffle				1	Each	225.00	225.00T
407-4	4 1/2" Insert Float Shoe With Auto Fill				1	Each	300.00	300.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00T
276	Flocele				63	Lb(s)	2.00	126.00T
283	Salt				1,250	Lb(s)	0.20	250.00T
284	Calseal				12	Sack(s)	35.00	420.00T
285	CFR-1				120	Lb(s)	4.00	480.00T
325	Standard Cement				250	Sacks	13.50	3,375.00T
581D	Service Charge Cement				250	Sacks	2.00	500.00
583D	Drayage				653.32	Ton Miles	1.00	653.32
	Subtotal							12,354.32
	Sales Tax Lane County						6.30%	592.26

We Appreciate Your Business!

Total

\$12,946.58



CHARGE TO: **CARMEN SCAMITT**
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET N° 23154

PAGE 1 OF 2

1. SERVICE LOCATIONS: **NESS CITY, KS** WELL/PROJECT NO.: LEASE: **FRONTIER UNIT #1** COUNTY/PARISH: **LANE** STATE: **KS** CITY: **DIGHTON, KS** DATE: **11 July 12** OWNER:
 2. TICKET TYPE: SERVICE SALES CONTRACTOR: **SOUTH WIND DRILLING RIG #70** RIG NAME/NO.: **70** SHIPPED VIA: DELIVERED TO: ORDER NO.:
 3. WELL TYPE: **OIL** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **1/2 LONGSTRING** WELL PERMIT NO.: WELL LOCATION: **9S, 6W, S INTO**
 4. REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			U/M		U/M	
575					MILEAGE #110	50	MIL	60		3000
578					Pump CHARGE	1	KTB	4744	PT.	1500
402					CENTRALIZERS	10	EA	65		650
403					CEMENT BASKETS	2	EA	250		500
404					PORT COLLAR	1	EA	2200	FT	2400
406					LATCH DOWN PLUG & BAFFLE	1	EA	225		225
407					INSERT FLOAT SADE W/AUTO FILL	1	EA	300		300
281					MUD FLUSH	500	QAL	1.25		625
221					LIQUID KCL	2	QAL	25		50

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 x *P. L. H. H. H.*
 DATE SIGNED: **11 July 12** TIME SIGNED: **0900** A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1	6550
WE UNDERSTOOD AND MET YOUR NEEDS?				2	5804
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO				
				subtotal	12,354.33
				Lanc TAX 6.3%	592.26
				TOTAL	12,946.58

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR: *[Signature]* APPROVAL: *[Signature]* Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 23154

CUSTOMER CARMEN SCAMITT WEI FRONTIER UNIT #1 DATE 7 July 12 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M		
276						FLOCELE	603	lbs			2.00	1206.00
283						SALT	1250	lbs			2.00	2500.00
284						CALSEAL	12	sy			35.00	420.00
285						CFR-1	120	lbs			4.00	480.00
325						STANDARD CEMENT EA-2	250	sy			13.50	3375.00
581						SERVICE CHARGE	CUBIC FEET 250 sy				2.00	500.00
583						MILEAGE CHARGE	TOTAL WEIGHT 26133	LOADED MILES 50	TON MILES 653.32		1.00	653.32
											CONTINUATION TOTAL	5804.32

JOB LOG

SWIFT Services, Inc.

DATE 7/24/12 PAGE NO.

CUSTOMER CARMEN SCAMITT

WELL NO.

LEASE FRONTIER UNIT # 1

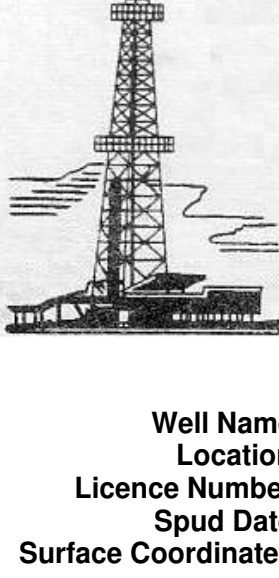
JOB TYPE 4 1/2 LONG STRING

TICKET NO. 23154

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0800							ON LOCATION
	0840							START PIPE 4 1/2 - 11.6" RTD @ 4750 LTD @ 4747 SHOE JT 14.47 SET @ 4744 CENT. 2, 3, 4, 6, 8, 10, 12, 14, 16, 1, 63 BASKETS 2, 59 PORT COLLAR TOP OF JT # 59 @ 2200
	0645							DROP BALL - CIRCULATE
	0738	6	12				400	Pump 500 gal MUD FLUSH
		6	20				400	Pump 20 BBL KCL FLUSH
	0743		7.5					PLUG RA-MH (30sx-20sx)
	0750	4	4 1/2					MIX 200sx EA2
	0807							WASH OUT PUMP & LINES
	0809	6						START DISPLACING PLUG
	0820	8	7 1/2				1500	PLUG DOWN PSI UP LATCH PLUG IN
	0822							RELEASE PSI - DRY
	0825							WASH TRUCK
	0900							JOB COMPLETE
								THANKS #110
								JASON JEFF ISAAC

WELLSITE GEOLOGIST'S REPORT

VERNON C. SCHRAG
CONSULTANT GEOLOGIST



Scale 1:240 (5"=100') Imperial

Well Name: Frontier Unit #1
 Location: NE NE NE Sec. 01-20S-30W
 Licence Number: API: 15-101-22382
 Spud Date: June 30, 2012
 Surface Coordinates: 100' FNL & 100' FEL
 Region: Lane Co., KS
 Drilling Completed: July 10, 2012

Bottom Hole Vertical Coordinates:
 Ground Elevation (ft): 2886' K.B. Elevation (ft): 2898'
 Logged Interval (ft): 3500' To: RTD Total Depth (ft): 4750'
 Formation: Mississippi
 Type of Drilling Fluid: Chemical Premix (Displaced)
 Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR:

Company: CARMEN SCHMITT, INC.
 Address: P.O. Box 47
 Great Bend, KS 67530

DRILLING CONTRACTOR:

Southwind Drilling, LLC, Rig #70
 DP 16.6#, 4.5"; DC: 6.25" x 2.25" x 541.08"; Kelly: 41.35'; Bit: 7-7/8"; Reed PDC to 3490, Reed button bit w/jets 14-14-14; Kelly bushing 12' above ground level. Carl Jessep (tool pusher).

SURFACE CASING:

8-5/8" casing at 222'

CIRCULATION SYSTEM:

BH-800 II, triplex pump, 8.5 x 6, 120 spm, was running SPP 1250 psi until about 4300 when this was cut back to about 950 psi to improve samples; chemical premix, steel pits, shale shaker; displaced about 3300; Mud-Co/Service Mud, Inc., Tyler Lang.

OPEN HOLE LOGS:

DN, DI (SP) (Run-1); ML/Sonic (Run-2); 5" detail LTD-3500; 2" DI to surface casing; LogTech-Pioneer Wireline, Hays, KS, J. Long, Log total depth (4747) was three feet high to rotary total depth (4750).

DRILL STEM TEST #1:

Marmaton: Interval: 4407-4495 (88'); Blow: weak incr 3" IFF, no RB, weak incr 6.5" FFP, no RB; Times: 15-30-60-90; Recovery: 255' MW (10%W, 90%M); Pressures: HP: 2295-2087; SIP: 1176-1179; FP: 65-89, 94-113; BHT: 124 F; dual packers, jars, joints, no DC; Trilobite Testing, Inc., Tate Lang.

DRILL STEM TEST #2:

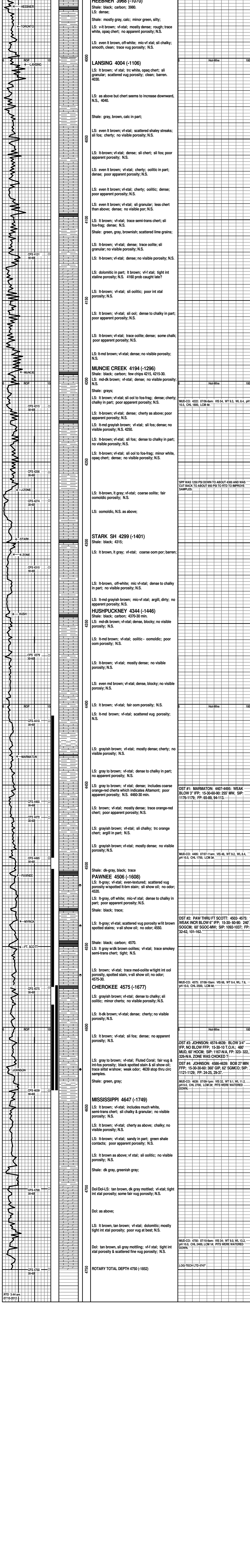
Pawnee thru Ft. Scott: Interval: 4502-4575 (73'); Blow: weak incr to 6.5" IFF, no RB, weak incr to 8.25" FFP, no RB; Times: 15-30-60-90; Recovery: 360' GIP, 300' TF: 120' OCM (20%G, 35%O, 45%M); Pressure: HP: 2279-2065; SIP: 1092-1037; FP: 32-62, 101-162; BHT: 122 F; dual packers, jars, joints, no DC; Trilobite Testing, Inc., Tate Lang.

DRILL STEM TEST #3:

Cherokee / Johnson: Interval: 4574-4639 (65'); Blow: weak 3/4" IFF, no RB, no blow at second open; Time: 15-30-10-T.O.H.; Recovery: 540' TF: 480' (no show), 60' OCM (20%G, 35%O, 45%M); Pressure: HP: 2239-2265; SIP: 1167-N/A; FP: 323-322, 336-N/A; BHT: 121 F: There was abnormal first initial flow pressure; Tester "tagged" bottom prior to test run, allowing mud to flow into drill pipe creating a "choke"; formation not free to flow; test was judged a misrun; dual packers, jars, joints, no DC; Trilobite Testing, Inc., Tate Lang.

DRILL STEM TEST #4:

Cherokee / Johnson Refest: Interval: 4586-4639 (53'); Blow: weak incr 6" IFF, no RB, BOB 27 min FFP, no RB; Times: 15-30-60-90; Recovery: 372' GIP, 62' TF: 5" CO (100%O); 52' GMCO (10%G, 10%M, 80%O), 5' MCO (30%M, 70%O); Pressures: HP: 2402-2170; SIP: 1121-1129; FP: 24-25, 29-37; BHT: 124 F; dual packers, jars, joints, no DC; Trilobite Testing, Inc., Tate Lang.



ROP 3-44 min
 RTD 0710-2012