



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1077676
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
-----------------------------------	-----------------	---

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: _____

1077676

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
--	---

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
----------------	-------	---------	------------	---

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> _____
---	--

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: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	Credo Petroleum Corporation
Well Name	FOOTE 1-10
Doc ID	1077676

All Electric Logs Run

Sonic Cement Bond
Borehole Compensated Sonic
Microresistivity
Dual Compensated Porosity
Dual Induction

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

April 03, 2012

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

Re: ACO1
API 15-101-22349-00-00
FOOTE 1-10
NW/4 Sec.10-17S-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



DRILL STEM TEST REPORT

Prepared For: **Credo Petroleum Corp**

1801 Broadway #900
Denver CO 80202

ATTN: Bruce Ard

Foote #1-10

10-17s-29w Lane,KS

Start Date: 2012.02.03 @ 18:16:29

End Date: 2012.02.04 @ 01:40:29

Job Ticket #: 44948 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.02.15 @ 09:21:56



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Credo Petroleum Corp
1801 Broadway #900
Denver CO 80202
ATTN: Bruce Ard

10-17s-29w Lane, KS
Foote #1-10
Job Ticket: 44948 **DST#: 1**
Test Start: 2012.02.03 @ 18:16:29

GENERAL INFORMATION:

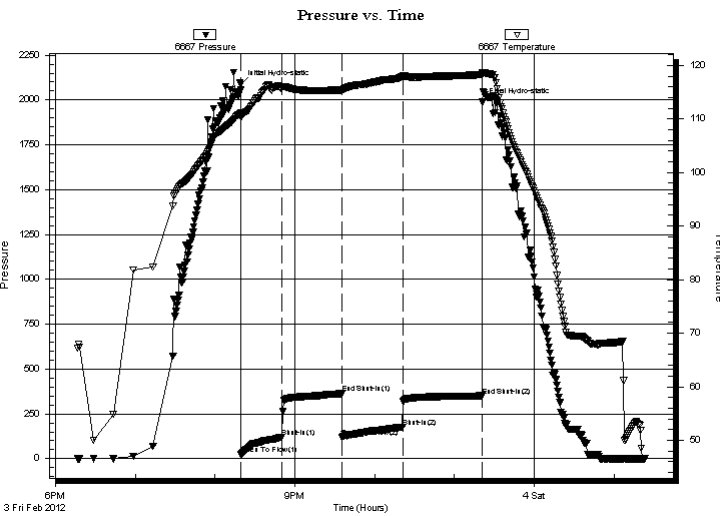
Formation: **KC**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 20:19:29
Time Test Ended: 01:40:29
Interval: **4110.00 ft (KB) To 4210.00 ft (KB) (TVD)**
Total Depth: 4210.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Shane McBride
Unit No: 55
Reference Elevations: 2814.00 ft (KB)
2809.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6667

Inside

Press @ Run Depth: 177.12 psig @ 4111.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.02.03 End Date: 2012.02.04 Last Calib.: 2012.02.04
Start Time: 18:16:29 End Time: 01:23:29 Time On Btm: 2012.02.03 @ 20:18:59
Time Off Btm: 2012.02.03 @ 23:20:59

TEST COMMENT: 6 3/4" blow
No return
4" in blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2087.71	111.10	Initial Hydro-static
1	25.92	110.34	Open To Flow (1)
32	118.51	115.81	Shut-In(1)
76	362.84	115.41	End Shut-In(1)
77	120.45	115.30	Open To Flow (2)
122	177.12	117.89	Shut-In(2)
182	350.44	118.25	End Shut-In(2)
182	1987.72	118.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	h o c m 45%o 55% m	0.59
120.00	o c m 35%o 65% m	1.66
90.00	s o c m 7%o 93% m	1.26

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Credo Petroleum Corp
1801 Broadway #900
Denver CO 80202
ATTN: Bruce Ard

10-17s-29w Lane, KS
Foote #1-10
Job Ticket: 44948 **DST#: 1**
Test Start: 2012.02.03 @ 18:16:29

GENERAL INFORMATION:

Formation: **KC**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 20:19:29
Time Test Ended: 01:40:29

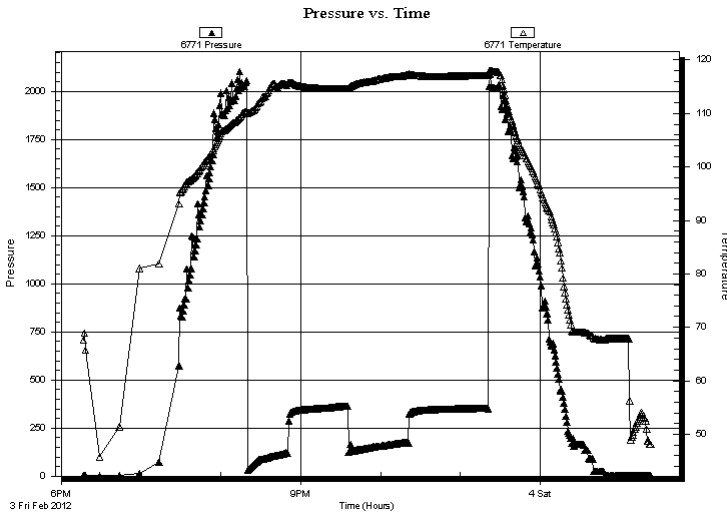
Test Type: Conventional Bottom Hole (Initial)
Tester: Shane McBride
Unit No: 55

Interval: **4110.00 ft (KB) To 4210.00 ft (KB) (TVD)**
Reference Elevations: 2814.00 ft (KB)
Total Depth: 4210.00 ft (KB) (TVD) 2809.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 6771 Outside

Press@RunDepth: psig @ 4111.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.02.03 End Date: 2012.02.04 Last Calib.: 2012.02.04
Start Time: 18:16:29 End Time: 01:23:29 Time On Btm:
Time Off Btm:

TEST COMMENT: 6 3/4" blow
No return
4" in blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
120.00	h o c m 45%o 55% <i>m</i>	0.59
120.00	o c m 35%o 65% <i>m</i>	1.66
90.00	s o c m 7%o 93% <i>m</i>	1.26

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Credo Petroleum Corp

10-17s-29w Lane,KS

1801 Broadway #900
Denver CO 80202

Foot #1-10

Job Ticket: 44948

DST#: 1

ATTN: Bruce Ard

Test Start: 2012.02.03 @ 18:16:29

Tool Information

Drill Pipe:	Length: 3976.00 ft	Diameter: 3.80 inches	Volume: 55.77 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 56.37 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4110.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	100.00 ft			
Tool Length:	127.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4084.00	
Shut In Tool	5.00			4089.00	
Hydraulic tool	5.00			4094.00	
Jars	5.00			4099.00	
Safety Joint	2.00			4101.00	
Packer	5.00			4106.00	27.00 Bottom Of Top Packer
Packer	4.00			4110.00	
Stubb	1.00			4111.00	
Recorder	0.00	6771	Outside	4111.00	
Recorder	0.00	6667	Inside	4111.00	
Perforations	29.00			4140.00	
Change Over Sub	1.00			4141.00	
Drill Pipe	63.00			4204.00	
Change Over Sub	1.00			4205.00	
Bullnose	5.00			4210.00	100.00 Bottom Packers & Anchor

Total Tool Length: 127.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Credo Petroleum Corp
1801 Broadway #900
Denver CO 80202
ATTN: Bruce Ard

10-17s-29w Lane,KS
Foote #1-10
Job Ticket: 44948 **DST#: 1**
Test Start: 2012.02.03 @ 18:16:29

Mud and Cushion Information

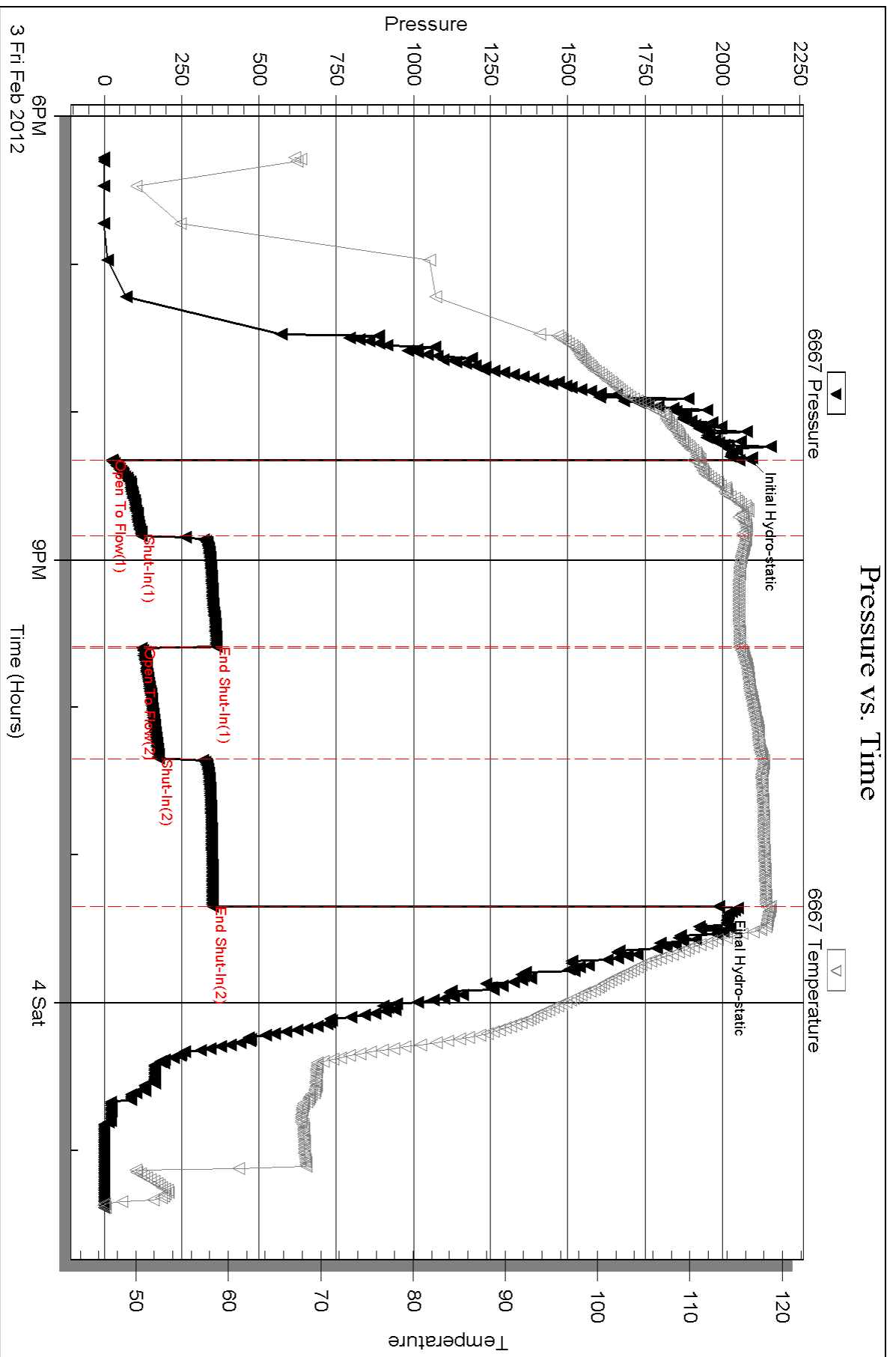
Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.37 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	h o c m 45%o 55%m	0.590
120.00	o c m 35%o 65%m	1.656
90.00	s o c m 7%o 93%m	1.262

Total Length: 330.00 ft Total Volume: 3.508 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

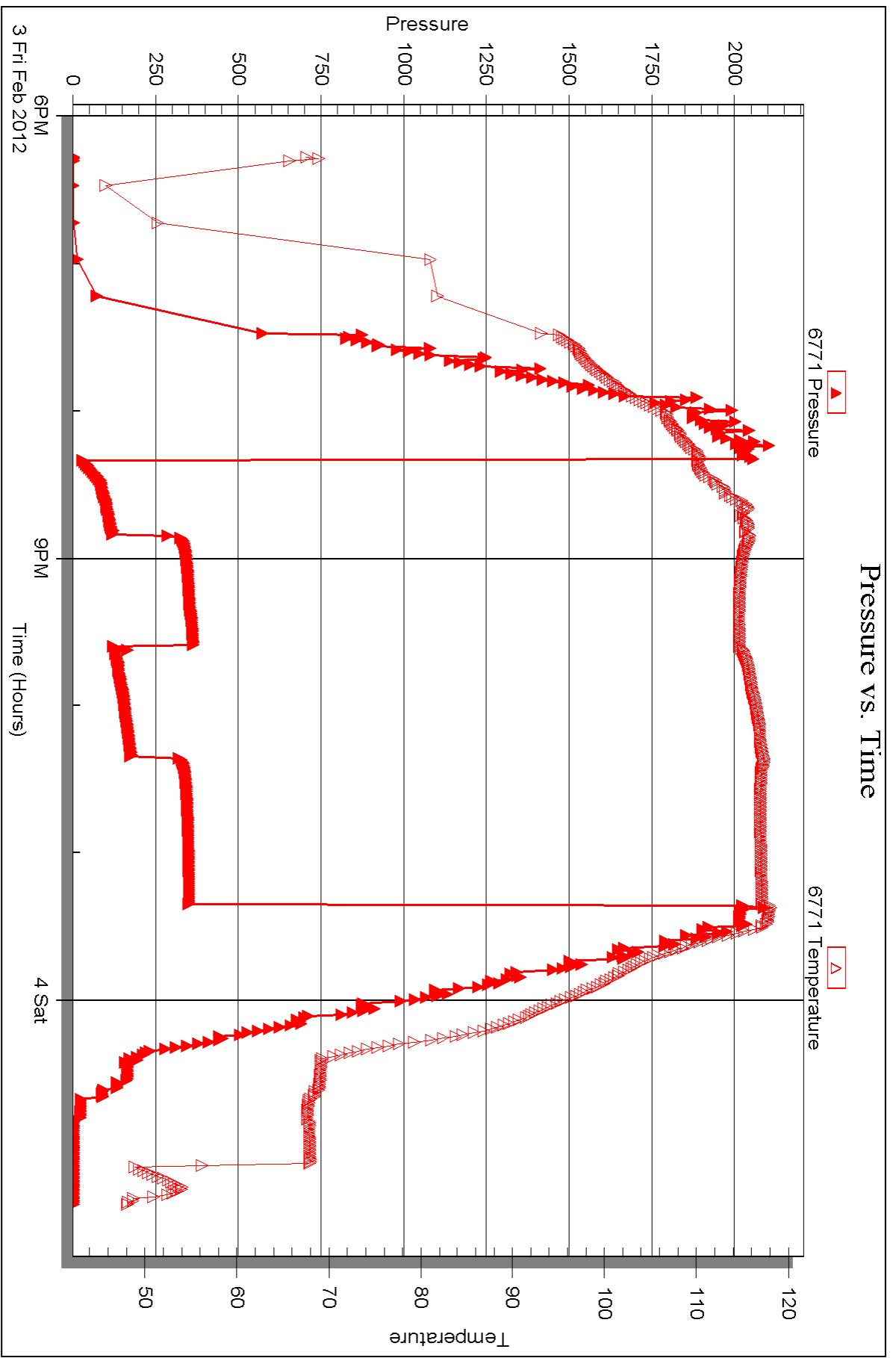


Serial #: 6771

Outside Credo Petroleum Corp

Foot# 1-10

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 44948

Printed: 2012.02.15 @ 09:21:58



DRILL STEM TEST REPORT

Prepared For: **Credo Petroleum Corp**

1801 Broadway #900
Denver CO 80202

ATTN: Bruce Ard

Foote #1-10

10-17s-29w Lane,KS

Start Date: 2012.02.04 @ 17:50:38

End Date: 2012.02.05 @ 01:10:08

Job Ticket #: 44949 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.02.15 @ 09:21:25



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Crede Petroleum Corp
 1801 Broadway #900
 Denver CO 80202
 ATTN: Bruce Ard

10-17s-29w Lane, KS
Foote #1-10
 Job Ticket: 44949 **DST#: 2**
 Test Start: 2012.02.04 @ 17:50:38

GENERAL INFORMATION:

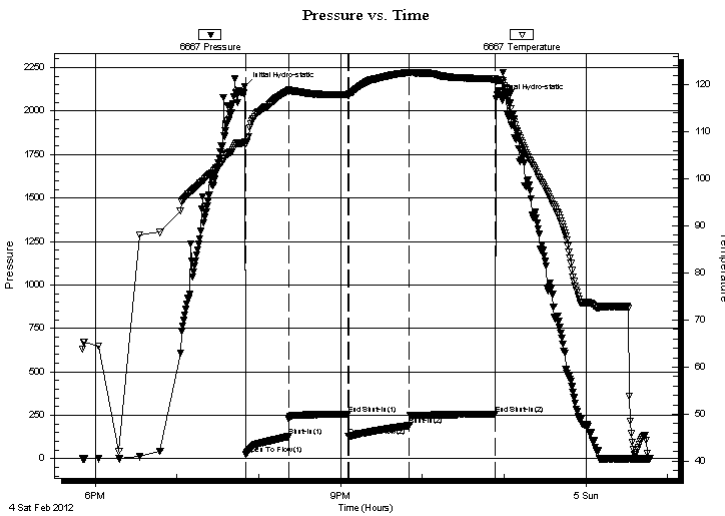
Formation: **L-Marmaton**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 19:50:08
 Time Test Ended: 01:10:08
Interval: 4256.00 ft (KB) To 4375.00 ft (KB) (TVD)
 Total Depth: 4375.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 2814.00 ft (KB)
 2809.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6667 Inside
 Press @ Run Depth: 190.61 psig @ 4257.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.02.04 End Date: 2012.02.05 Last Calib.: 2012.02.05
 Start Time: 17:50:38 End Time: 00:47:08 Time On Btm: 2012.02.04 @ 19:49:53
 Time Off Btm: 2012.02.04 @ 22:54:08

TEST COMMENT: B.O.B. in 24 min
 No return
 10 1/2" blow
 No return

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2138.60	107.88	Initial Hydro-static
1	23.84	107.49	Open To Flow (1)
32	127.23	118.75	Shut-In(1)
76	256.01	117.81	End Shut-In(1)
76	128.25	117.77	Open To Flow (2)
121	190.61	122.60	Shut-In(2)
184	255.36	121.21	End Shut-In(2)
185	2070.35	120.78	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
300.00	water 100%w	3.09
60.00	m c w 25%m 75%w	0.84
70.00	m c w 50%m 50%w	0.98

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Credo Petroleum Corp
1801 Broadway #900
Denver CO 80202
ATTN: Bruce Ard

10-17s-29w Lane,KS
Foote #1-10
Job Ticket: 44949 **DST#: 2**
Test Start: 2012.02.04 @ 17:50:38

Tool Information

Drill Pipe:	Length: 4131.00 ft	Diameter: 3.80 inches	Volume: 57.95 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 58.55 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4256.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	119.00 ft			
Tool Length:	146.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4230.00	
Shut In Tool	5.00			4235.00	
Hydraulic tool	5.00			4240.00	
Jars	5.00			4245.00	
Safety Joint	2.00			4247.00	
Packer	5.00			4252.00	27.00 Bottom Of Top Packer
Packer	4.00			4256.00	
Stubb	1.00			4257.00	
Recorder	0.00	6771	Outside	4257.00	
Recorder	0.00	6667	Inside	4257.00	
Perforations	17.00			4274.00	
Change Over Sub	1.00			4275.00	
Drill Pipe	94.00			4369.00	
Change Over Sub	1.00			4370.00	
Bullnose	5.00			4375.00	119.00 Bottom Packers & Anchor

Total Tool Length: 146.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Credo Petroleum Corp
1801 Broadway #900
Denver CO 80202
ATTN: Bruce Ard

10-17s-29w Lane,KS
Foote #1-10
Job Ticket: 44949 **DST#: 2**
Test Start: 2012.02.04 @ 17:50:38

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 26500 ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.37 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 1400.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	water 100%w	3.088
60.00	mc w 25% m 75% w	0.842
70.00	mc w 50% m 50% w	0.982

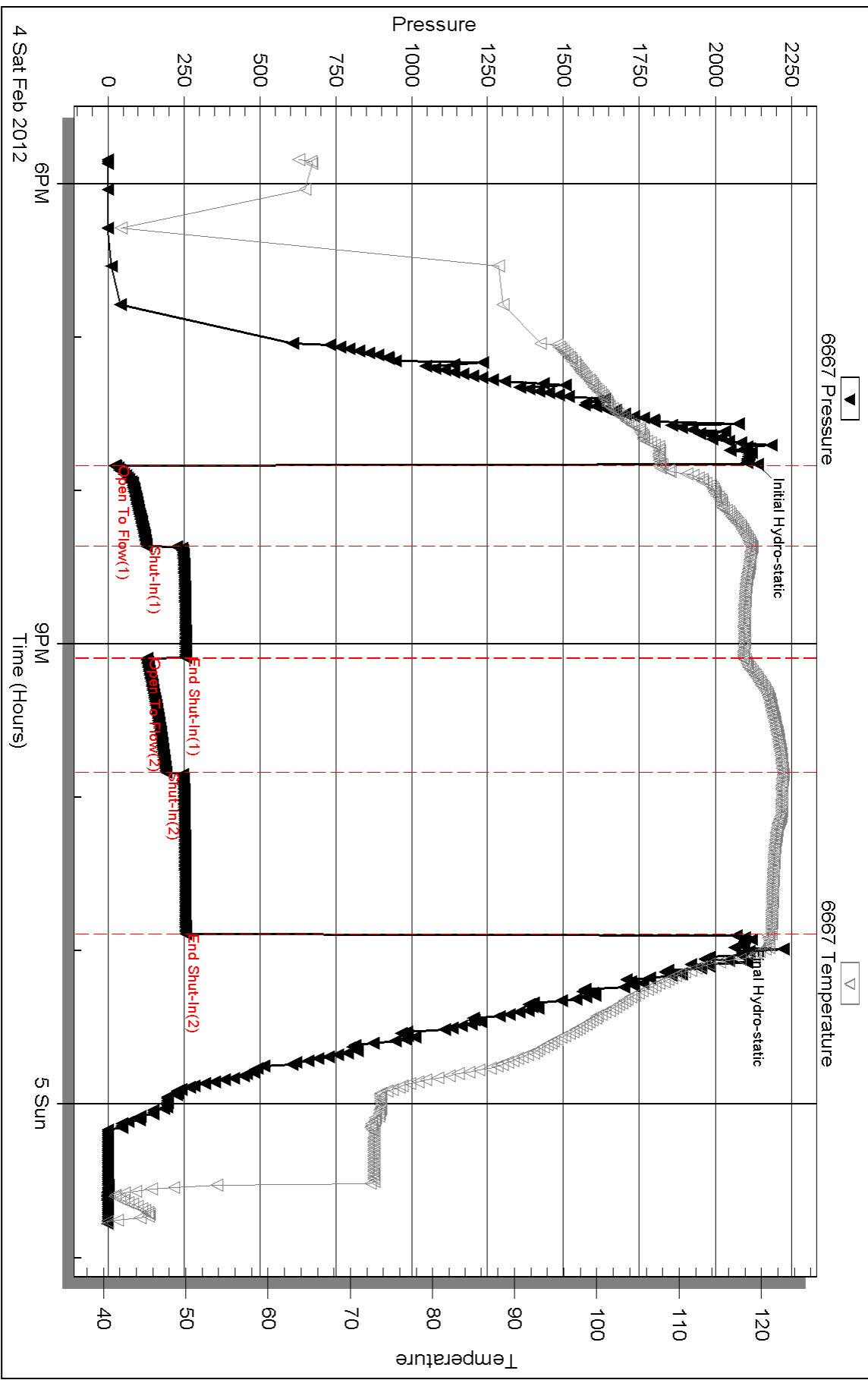
Total Length: 430.00 ft Total Volume: 4.912 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: rw .252 @ 72*f =26,500 chlor

Pressure vs. Time



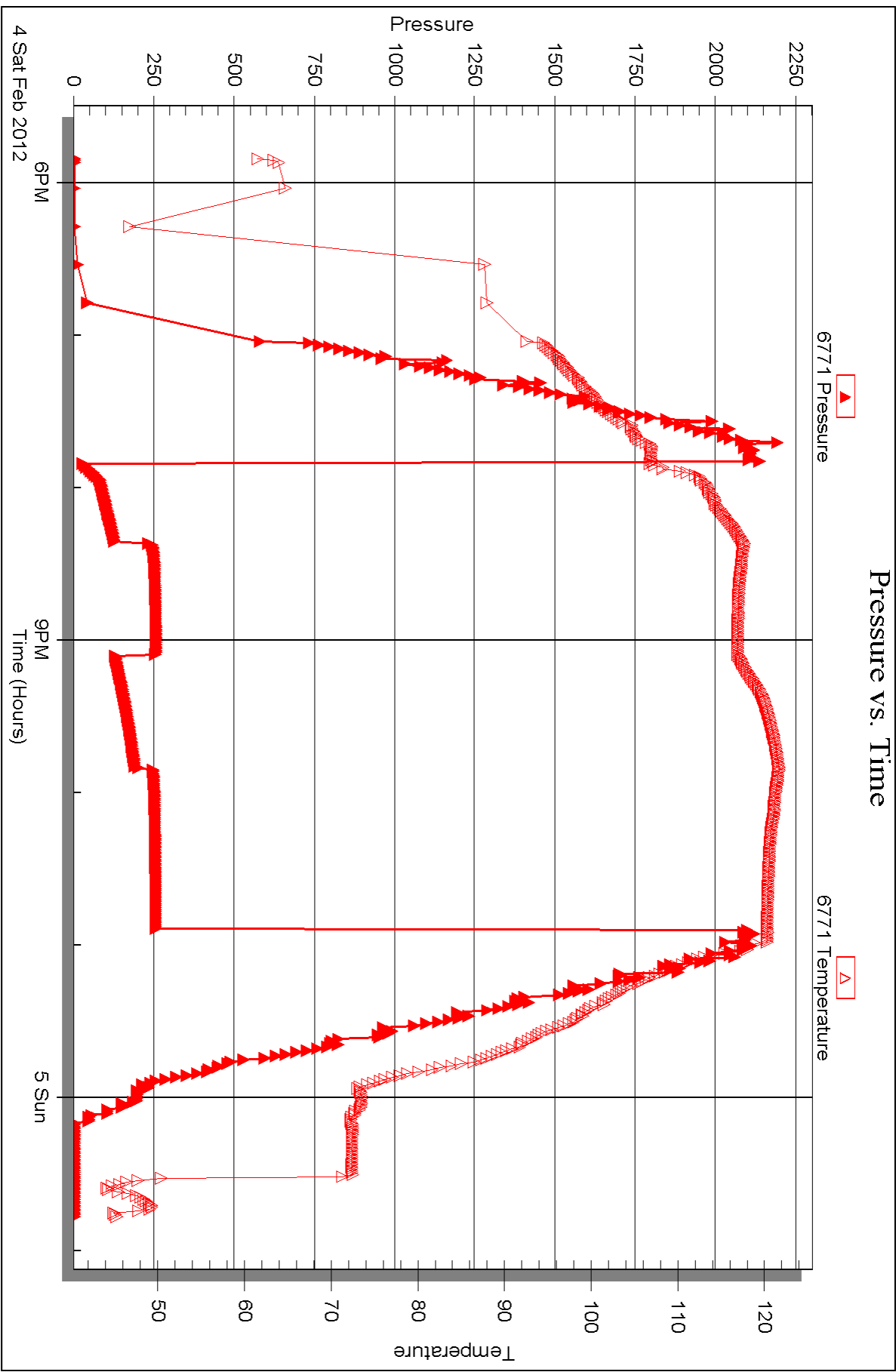
Serial #: 6771

Outside

Credo Petroleum Corp

Foote #1-10

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Credo Petroleum Corp**

1801 Broadway #900
Denver CO 80202

ATTN: Bruce Ard

Foote #1-10

10-17s-29w Lane,KS

Start Date: 2012.02.05 @ 12:52:40

End Date: 2012.02.05 @ 19:00:40

Job Ticket #: 44950 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.02.15 @ 09:20:50



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Credo Petroleum Corp
 1801 Broadway #900
 Denver CO 80202
 ATTN: Bruce Ard

10-17s-29w Lane, KS

Foote #1-10

Job Ticket: 44950

DST#: 3

Test Start: 2012.02.05 @ 12:52:40

GENERAL INFORMATION:

Formation: **Pawnee-Ft Scott**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 14:31:10

Time Test Ended: 19:00:40

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Interval: 4367.00 ft (KB) To 4467.00 ft (KB) (TVD)

Reference Elevations: 2814.00 ft (KB)

Total Depth: 4467.00 ft (KB) (TVD)

2809.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6771 Outside

Press @ Run Depth: 54.77 psig @ 4368.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.05

End Date:

2012.02.05

Last Calib.:

2012.02.05

Start Time: 12:52:40

End Time:

18:45:40

Time On Btm:

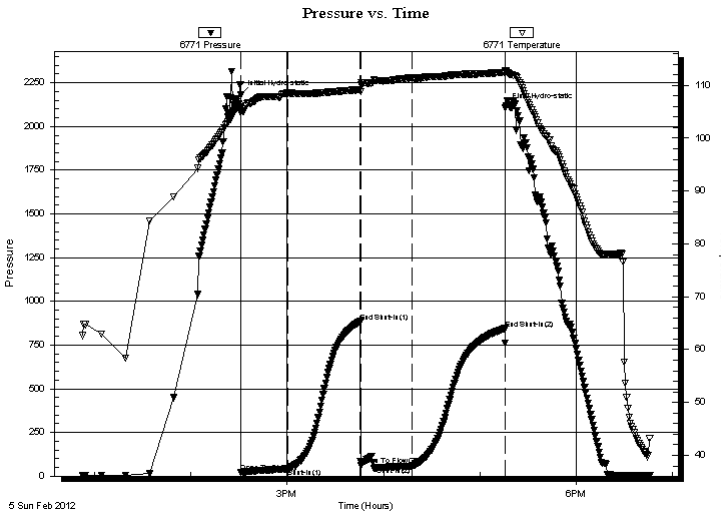
2012.02.05 @ 14:30:55

Time Off Btm:

2012.02.05 @ 17:15:55

TEST COMMENT: 1/4" blow died in 17 min
 No return
 1/8" blow died in 9 min.
 No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2180.02	105.78	Initial Hydro-static
1	20.68	104.78	Open To Flow (1)
30	42.29	108.54	Shut-In(1)
75	884.02	109.20	End Shut-In(1)
75	62.50	110.15	Open To Flow (2)
107	54.77	111.42	Shut-In(2)
165	843.83	112.44	End Shut-In(2)
165	2107.19	112.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud 100% show of oil in tool	0.30

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Credo Petroleum Corp
 1801 Broadway #900
 Denver CO 80202
 ATTN: Bruce Ard

10-17s-29w Lane,KS
Foote #1-10
 Job Ticket: 44950 **DST#: 3**
 Test Start: 2012.02.05 @ 12:52:40

GENERAL INFORMATION:

Formation: **Pawnee-Ft Scott**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 14:31:10
 Time Test Ended: 19:00:40
 Interval: **4367.00 ft (KB) To 4467.00 ft (KB) (TVD)**
 Total Depth: 4467.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 2814.00 ft (KB)
 2809.00 ft (CF)
 KB to GR/CF: 5.00 ft

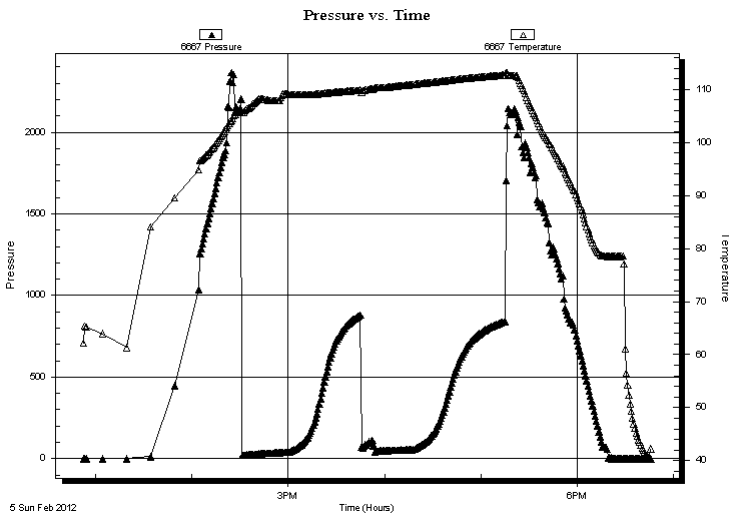
Serial #: 6667

Inside

Press @ Run Depth: psig @ 4368.00 ft (KB)
 Start Date: 2012.02.05 End Date: 2012.02.05
 Start Time: 12:52:40 End Time: 18:45:40
 Capacity: 8000.00 psig
 Last Calib.: 2012.02.05
 Time On Btm:
 Time Off Btm:

TEST COMMENT: 1/4" blow died in 17 min
 No return
 1/8" blow died in 9 min.
 No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud 100% show of oil in tool	0.30

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Credo Petroleum Corp

10-17s-29w Lane,KS

1801 Broadway #900
Denver CO 80202

Foote #1-10

Job Ticket: 44950

DST#: 3

ATTN: Bruce Ard

Test Start: 2012.02.05 @ 12:52:40

Tool Information

Drill Pipe:	Length: 4224.00 ft	Diameter: 3.80 inches	Volume: 59.25 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 59.85 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4367.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	100.00 ft			
Tool Length:	127.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4341.00	
Shut In Tool	5.00			4346.00	
Hydraulic tool	5.00			4351.00	
Jars	5.00			4356.00	
Safety Joint	2.00			4358.00	
Packer	5.00			4363.00	27.00 Bottom Of Top Packer
Packer	4.00			4367.00	
Stubb	1.00			4368.00	
Recorder	0.00	6771	Outside	4368.00	
Recorder	0.00	6667	Inside	4368.00	
Perforations	29.00			4397.00	
Change Over Sub	1.00			4398.00	
Drill Pipe	63.00			4461.00	
Change Over Sub	1.00			4462.00	
Bullnose	5.00			4467.00	100.00 Bottom Packers & Anchor

Total Tool Length: 127.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Credo Petroleum Corp
1801 Broadway #900
Denver CO 80202
ATTN: Bruce Ard

10-17s-29w Lane,KS
Foote #1-10
Job Ticket: 44950 **DST#: 3**
Test Start: 2012.02.05 @ 12:52:40

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 93.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1900.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

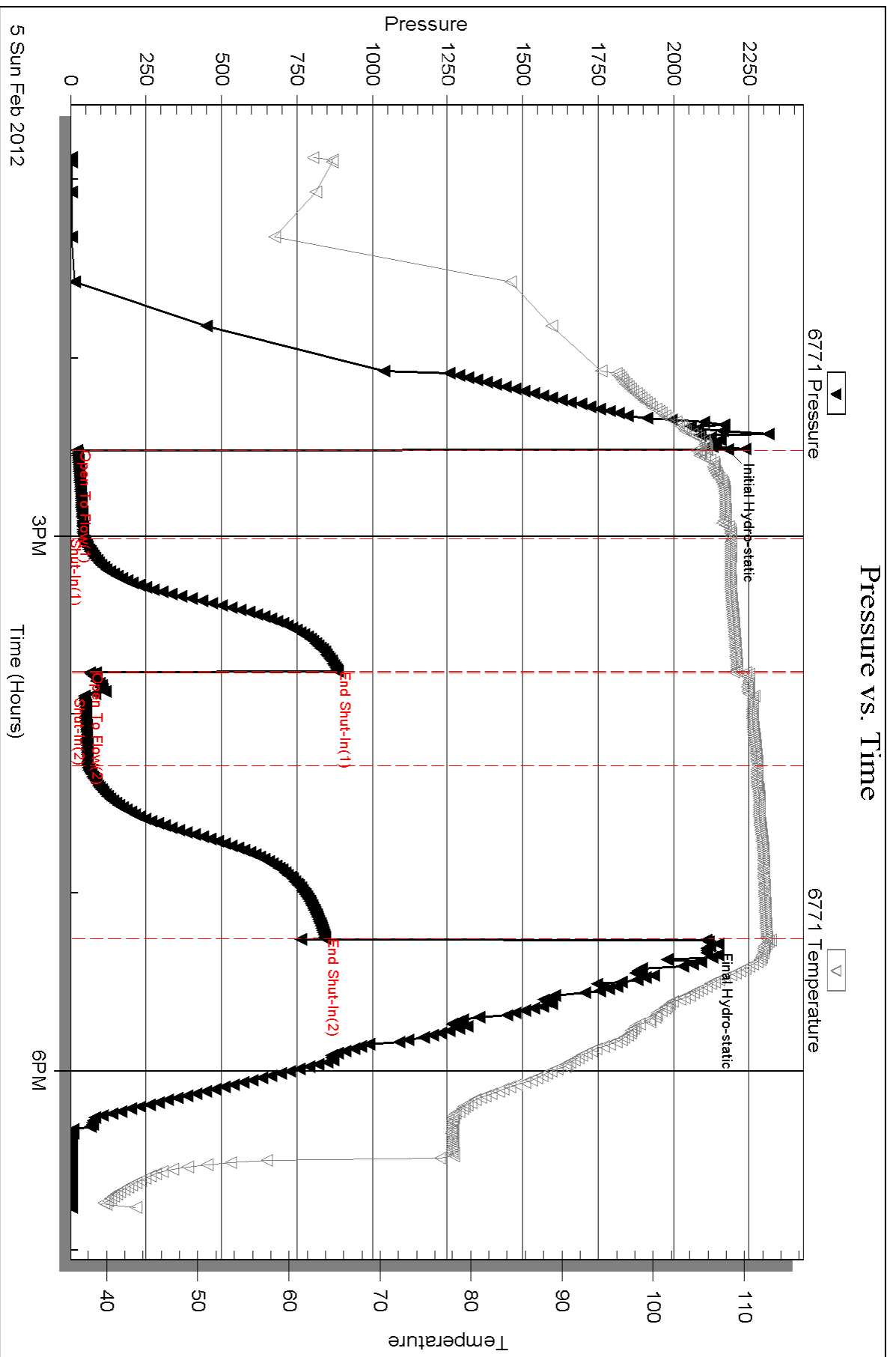
Length ft	Description	Volume bbl
60.00	mud 100% show of oil in tool	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



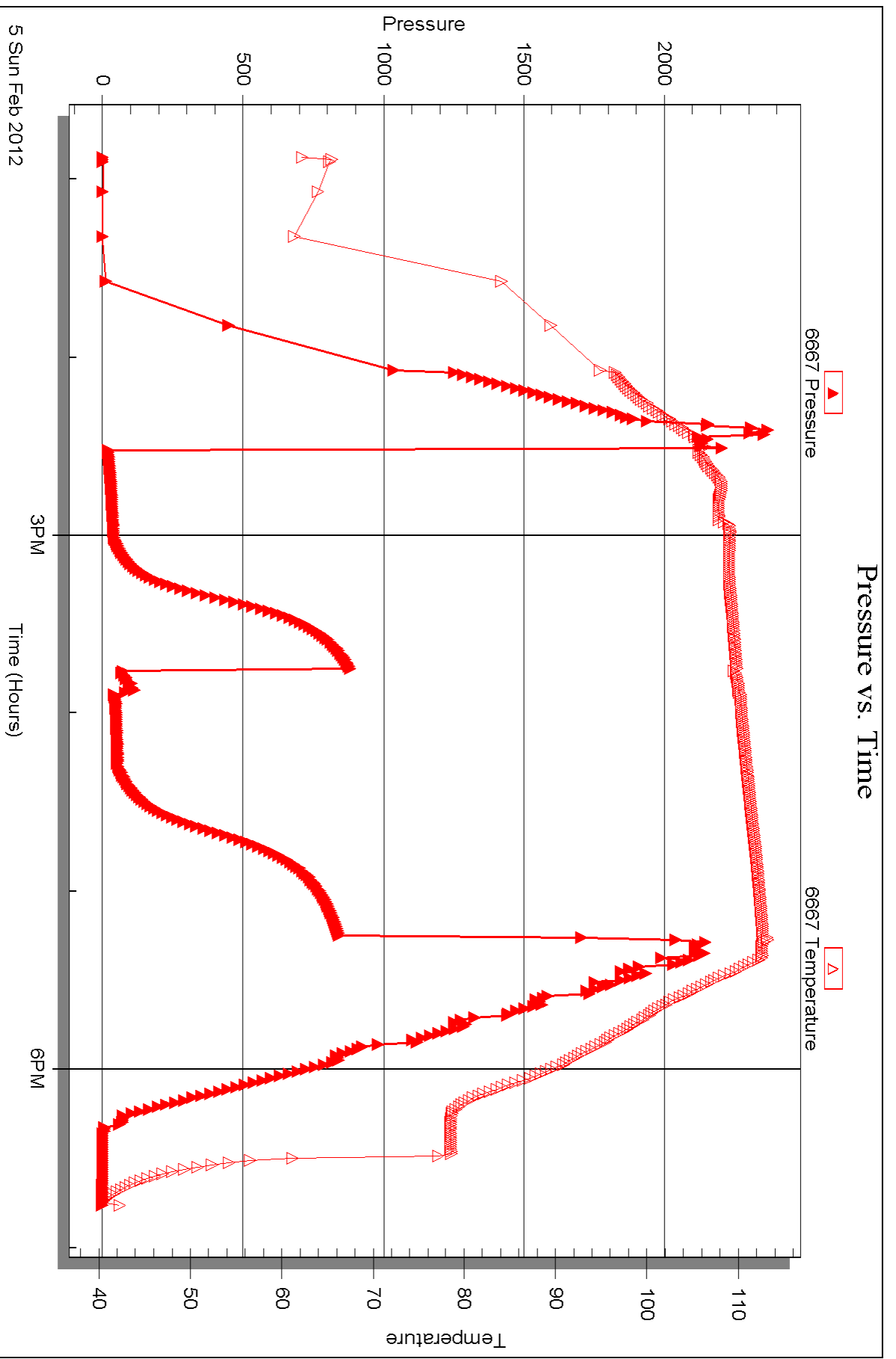
Serial #: 6667

Inside

Credo Petroleum Corp

Foot# 1-10

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 44950

Printed: 2012.02.15 @ 09:20:53



DRILL STEM TEST REPORT

Prepared For: **Credo Petroleum Corp**

1801 Broadway #900
Denver CO 80202

ATTN: Bruce Ard

Foote #1-10

10-17s-29w Lane,KS

Start Date: 2012.02.06 @ 05:12:47

End Date: 2012.02.06 @ 12:05:32

Job Ticket #: 44951 DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.02.15 @ 09:20:18



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Credo Petroleum Corp
1801 Broadway #900
Denver CO 80202
ATTN: Bruce Ard

10-17s-29w Lane, KS

Foote #1-10

Job Ticket: 44951

DST#: 4

Test Start: 2012.02.06 @ 05:12:47

GENERAL INFORMATION:

Formation: **Cherokee-Johnson**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 07:19:32

Time Test Ended: 12:05:32

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Interval: 4466.00 ft (KB) To 4554.00 ft (KB) (TVD)

Reference Elevations: 2814.00 ft (KB)

Total Depth: 4554.00 ft (KB) (TVD)

2809.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8368 Outside

Press @ Run Depth: 46.23 psig @ 4467.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.06

End Date:

2012.02.06

Last Calib.:

2012.02.06

Start Time: 05:12:47

End Time:

11:55:32

Time On Btm:

2012.02.06 @ 07:19:17

Time Off Btm:

2012.02.06 @ 10:05:17

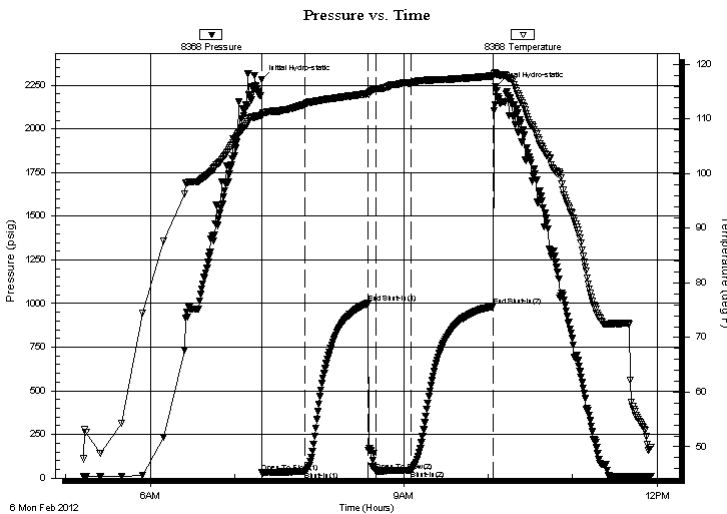
TEST COMMENT: 1/4" blow died back to 1/8"

No return

No blow

No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2284.13	110.81	Initial Hydro-static
1	31.01	110.56	Open To Flow (1)
31	38.54	112.63	Shut-In(1)
76	1001.51	114.64	End Shut-In(1)
81	40.77	115.51	Open To Flow (2)
106	46.23	116.57	Shut-In(2)
165	985.45	117.90	End Shut-In(2)
166	2243.62	118.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100% m w/oil spots	0.05

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Credo Petroleum Corp
1801 Broadway #900
Denver CO 80202
ATTN: Bruce Ard

10-17s-29w Lane,KS
Foote #1-10
Job Ticket: 44951 **DST#: 4**
Test Start: 2012.02.06 @ 05:12:47

Tool Information

Drill Pipe:	Length: 4347.00 ft	Diameter: 3.80 inches	Volume: 60.98 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 61.58 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4466.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	88.00 ft			
Tool Length:	115.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4440.00	
Shut In Tool	5.00			4445.00	
Hydraulic tool	5.00			4450.00	
Jars	5.00			4455.00	
Safety Joint	2.00			4457.00	
Packer	5.00			4462.00	27.00 Bottom Of Top Packer
Packer	4.00			4466.00	
Stubb	1.00			4467.00	
Recorder	0.00	8368	Outside	4467.00	
Recorder	0.00	6667	Inside	4467.00	
Perforations	16.00			4483.00	
Change Over Sub	1.00			4484.00	
Drill Pipe	64.00			4548.00	
Change Over Sub	1.00			4549.00	
Bullnose	5.00			4554.00	88.00 Bottom Packers & Anchor

Total Tool Length: 115.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Credo Petroleum Corp
1801 Broadway #900
Denver CO 80202
ATTN: Bruce Ard

10-17s-29w Lane,KS
Foote #1-10
Job Ticket: 44951 **DST#: 4**
Test Start: 2012.02.06 @ 05:12:47

Mud and Cushion Information

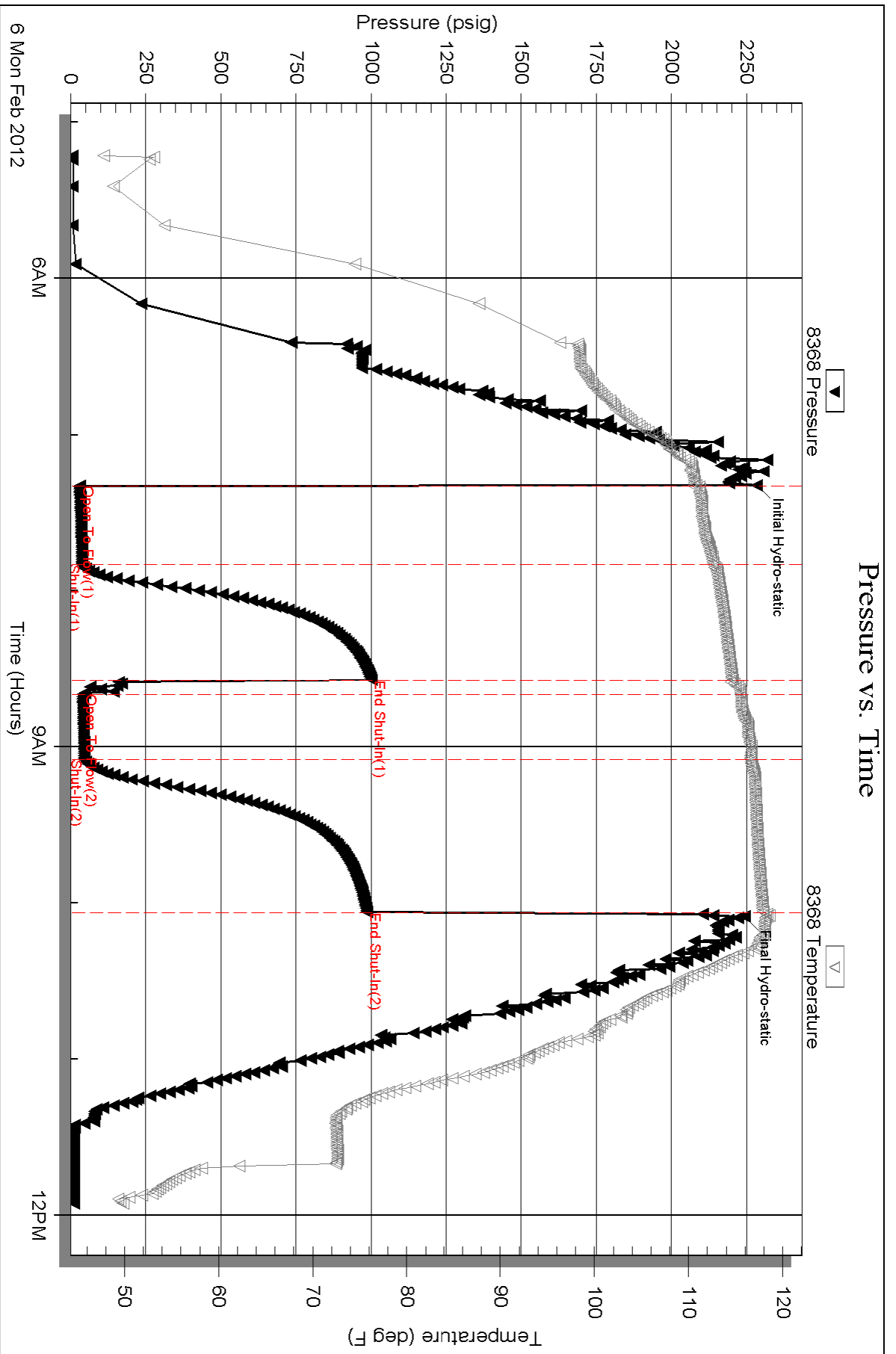
Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.37 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1900.00 ppm			
Filter Cake: 1.00 inches			

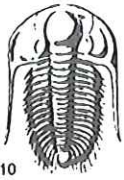
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%mw/oil spots	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 13 2012

Test Ticket

NO. 44948

4/10

BY: _____

Well Name & No. Forte # 1-10 Test No. #1 Date 2/4/12

Company Credo Petroleum Corp Elevation 2874 KB 2909 GL _____

Address _____

Co. Rep / Geo Justin Martin / Bruce And Rig WW #2

Location: Sec. 10 Twp. 17S Rge. 29W Co. lane State Ks

Interval Tested 4110 4210 Zone Tested RC

Anchor Length 100 Drill Pipe Run 3976' Mud Wt. 9.2

Top Packer Depth 4105 Drill Collars Run 123' XH Vis 52

Bottom Packer Depth 4110 Wt. Pipe Run _____ WL 6'4"

Total Depth 4210 Chlorides 1400 ppm System LCM #2

Blow Description 6 3/4" blow
No return
4" blow
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>SOCM</u>	<u>7</u>	<u>7</u>	<u>93</u>	
<u>120</u>	<u>OCM</u>	<u>35</u>	<u>35</u>	<u>65</u>	
<u>120</u>	<u>HOCM</u>	<u>45</u>	<u>45</u>	<u>55</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 330' BHT 119° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2087 Test 1225' T-On Location 17:40

(B) First Initial Flow 25 Jars 250' T-Started 18:16

(C) First Final Flow 118 Safety Joint 75' T-Open 20:20

(D) Initial Shut-In 362 Circ Sub N/C T-Pulled 23:20

(E) Second Initial Flow 120 Hourly Standby _____ T-Out 01:40

(F) Second Final Flow 177 Mileage 62 RT 86.80 Comments _____

(G) Final Shut-In 350 Sampler _____

(H) Final Hydrostatic 1987 Straddle _____ Ruined Shale Packer _____

Shale Packer _____ Ruined Packer _____

Initial Open 30 Extra Packer _____ Extra Copies _____

Initial Shut-In 45 Extra Recorder _____ Sub Total 0

Final Flow 45 Day Standby _____ Total 11636.80

Final Shut-In 60 Accessibility _____ MP/DST Disc't _____

Approved By Justin Martin Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 13 2012
BY: _____

Test Ticket

NO. 44949

Well Name & No. Foot #1-10 Test No. #2 Date 2/5/12
 Company Credo Petroleum Corp Elevation 2814 KB 2809 GL
 Address _____
 Co. Rep / Geo. Justin Handley Bruce Arel Rig WW #2
 Location: Sec. 10 Twp. 17S Rge. 29W Co. Law State KS

Interval Tested 4256 4375 Zone Tested L - Manhattan
 Anchor Length _____ Drill Pipe Run _____ Mud Wt. 9.3
 Top Packer Depth _____ Drill Collars Run 123' xH Vis 6.2
 Bottom Packer Depth 4256 Wt. Pipe Run _____ WL 6.4
 Total Depth 4375 Chlorides 1900 ppm System LCM #2
 Blow Description B.O.B. in 24 min
No return
10 1/2" id blow
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>70</u>	<u>MCW</u>		<u>50</u>	<u>50</u>	
<u>60</u>	<u>MCW</u>		<u>75</u>	<u>25</u>	
<u>300</u>	<u>water</u>		<u>100</u>	<u>0</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 430 BHT 123° Gravity _____ API RW 252 @ 72 °F Chlorides 20,500 ppm
 (A) Initial Hydrostatic 2138 Test 1225 T-On Location 17:25
 (B) First Initial Flow 23 Jars 250 T-Started 17:50
 (C) First Final Flow 127 Safety Joint 75 T-Open 19:50
 (D) Initial Shut-In 256 Circ Sub NP T-Pulled 22:50
 (E) Second Initial Flow 128 Hourly Standby _____ T-Out 01:10
 (F) Second Final Flow 190 Mileage 62RT 86.80 Comments _____
 (G) Final Shut-In 255 Sampler _____
 (H) Final Hydrostatic 2076 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60
 Sub Total 11036.80
 Total 11036.80
 MP/DST Disc't _____

Approved By Justin Handley Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 13 2012

Test Ticket

NO. 44950

Well Name & No. Foot # 1-10 BY: _____ Test No. #3 Date 2/5/12
 Company Credo Petroleum Corp Elevation 2814 KB 2809 GL
 Address 1801 Broadway #901 Denver Colo, 80202 - 3858
 Co. Rep / Geo. John Hamlin / Bruce Hod Rig WW #2
 Location: Sec. 10 Twp. 17S Rge. 29W Co. Lane State KS

Interval Tested 4367 4467 Zone Tested Dawson Ft Scott
 Anchor Length 100 Drill Pipe Run 4224 Mud Wt. 9.3
 Top Packer Depth 4362 Drill Collars Run 123' XH Vis 55
 Bottom Packer Depth 4367 Wt. Pipe Run _____ WL 6.4
 Total Depth 4467 Chlorides 1900 ppm System LCM #3
 Blow Description 1/4" blow died on 17 min
No return
1/8" blow died on 9 min
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 60 BHT 113° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 2180 Test 1225' T-On Location 12:35
 (B) First Initial Flow 20 Jars 250' T-Started 12:52
 (C) First Final Flow 42 Safety Joint 75' T-Open 14:30
 (D) Initial Shut-In 884 Circ Sub N/C T-Pulled 17:15
 (E) Second Initial Flow 62 Hourly Standby T-Out 19:00
 (F) Second Final Flow 34 Mileage 62 mi 80° Comments _____
 (G) Final Shut-In 893 Sampler _____
 (H) Final Hydrostatic 2107 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 30
 Final Shut-In 60
 Sub Total 11030.80
 Total 11030.80
 MP/DST Disc't _____

Approved By [Signature] Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 13 2012

Test Ticket

NO. 44951

4/10

BY: _____

Well Name & No. Footen #1-10 Test No. #4 Date 2/6/12

Company Credo Petroleum Corp Elevation 2814 KB 2809 GL

Address 1801 Broadway #900 Denver Colo 80202-3858

Co. Rep / Geo. John Hamilton Bruce Ard Rig WW#2

Location: Sec. 10 Twp. 17S Rge. 29W Co. Lane State KS

Interval Tested 4460 - 4554 Zone Tested Cherokee - Johnson

Anchor Length 88 Drill Pipe Run 4347' Mud Wt. 9.3

Top Packer Depth 4460 Drill Collars Run 123' XH Vis 6.0

Bottom Packer Depth 4460 Wt. Pipe Run _____ WL 6.4

Total Depth 4554 Chlorides 1900 ppm System LCM #2

Blow Description 1/4" blow died back to 1/8"

No return
No blow
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>10'</u>	<u>Mud with spots</u>	<u>spots</u>		<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10' BHT 119° Gravity _____ API RW _____ @ _____ F Chlorides _____ ppm

(A) Initial Hydrostatic 2284 Test 1225 T-On Location 05105

(B) First Initial Flow 31 Jars 250 T-Started 05:12

(C) First Final Flow 38 Safety Joint 75 T-Open 07:15

(D) Initial Shut-In 1001 Circ Sub N/C T-Pulled 10:00

(E) Second Initial Flow 40 Hourly Standby _____ T-Out 12:05

(F) Second Final Flow 46 Mileage 62 RT 80.80 Comments _____

(G) Final Shut-In 985 Sampler _____

(H) Final Hydrostatic 2243 Straddle _____ Ruined Shale Packer _____

Shale Packer _____ Ruined Packer X2 640

Extra Packer _____ Extra Copies _____

Initial Open 30 Extra Recorder _____ Sub Total 1240

Initial Shut-In 45 Day Standby _____ Total 2276.80

Final Flow 30 Accessibility _____ MP/DST Disc't _____

Final Shut-In 60 Sub Total 11236.80

Approved By Bruce Ard Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



Dual Induction Log

DIGITAL LOG (785) 625-3858

15-101-22349-00-00

API No. _____
 Company **Credo Petroleum Corporation**
 Well **Foote #1-10**
 Field **Terwilliger West**
 County **Lane** State **Kansas**
 Location **1315' FNL / 520' FWL**
 Sec: **10** Twp: **17S** Rge: **29W**

Other Services
 CNL / CDL
 MEL / BHCS

Permanent Datum **Ground Level** Elevation **2809**
 Log Measured From **Kelly Bushing** **5** Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

Elevation
 K.B. 2814
 D.F. _____
 G.L. 2809

Date	2/6/2012	
Run Number	One	
Depth Driller	4620	
Depth Logger	4622	
Bottom Logged Interval	4621	
Top Log Interval	250	
Casing Driller	8.625 @ 266	
Casing Logger	258	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	2200	
Density / Viscosity	9.4 52	
pH / Fluid Loss	10.0 7.2	
Source of Sample	Flowline	
Rm @ Meas. Temp	1.30 @ 55	
Rmf @ Meas. Temp	0.98 @ 55	
Rmc @ Meas. Temp	1.76 @ 55	
Source of Rmf / Rmc	Charts	
Rm @ BHT	0.59 @ 122	
Operating Rig Time	5 Hours	
Max Rec. Temp. F	122	
Equipment Number	15	
Location	Hays	
Recorded By	R. Barnhart	
Witnessed By	Bruce Ard	

<<< 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:
 5E to Ike Rd., 1 1/4S, E into

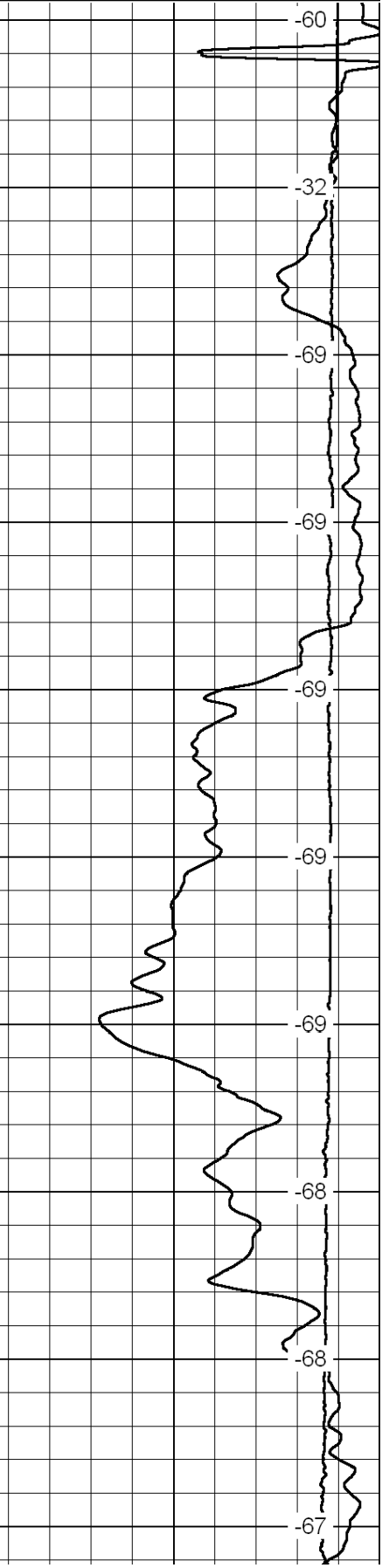
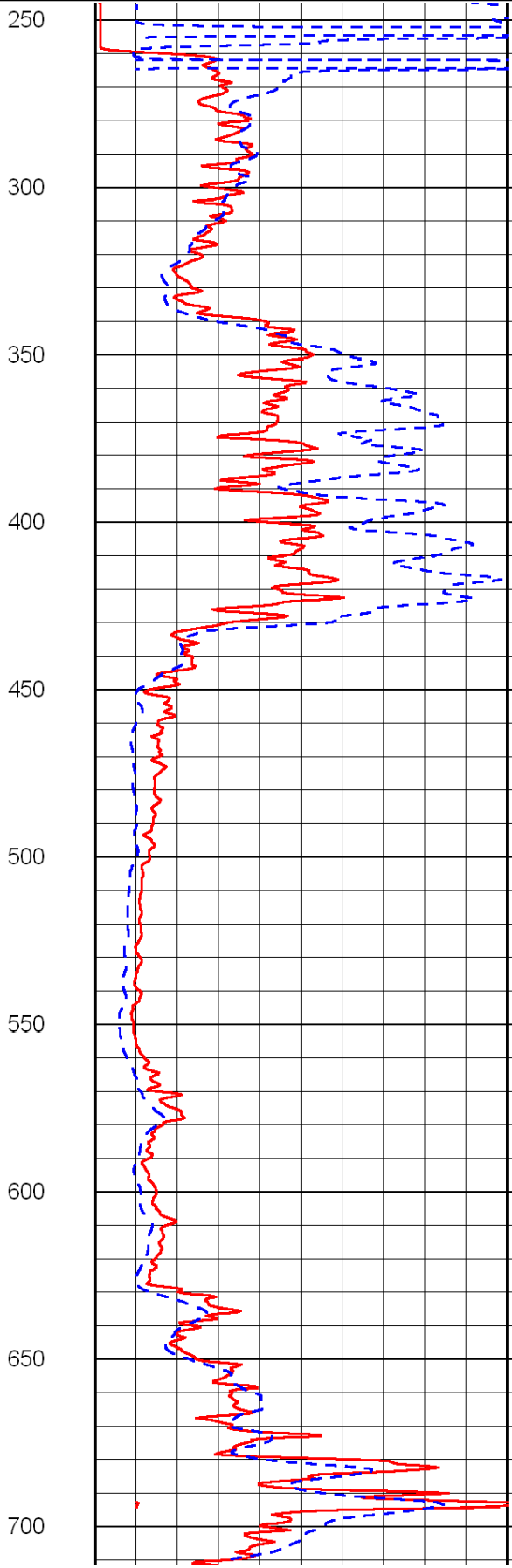
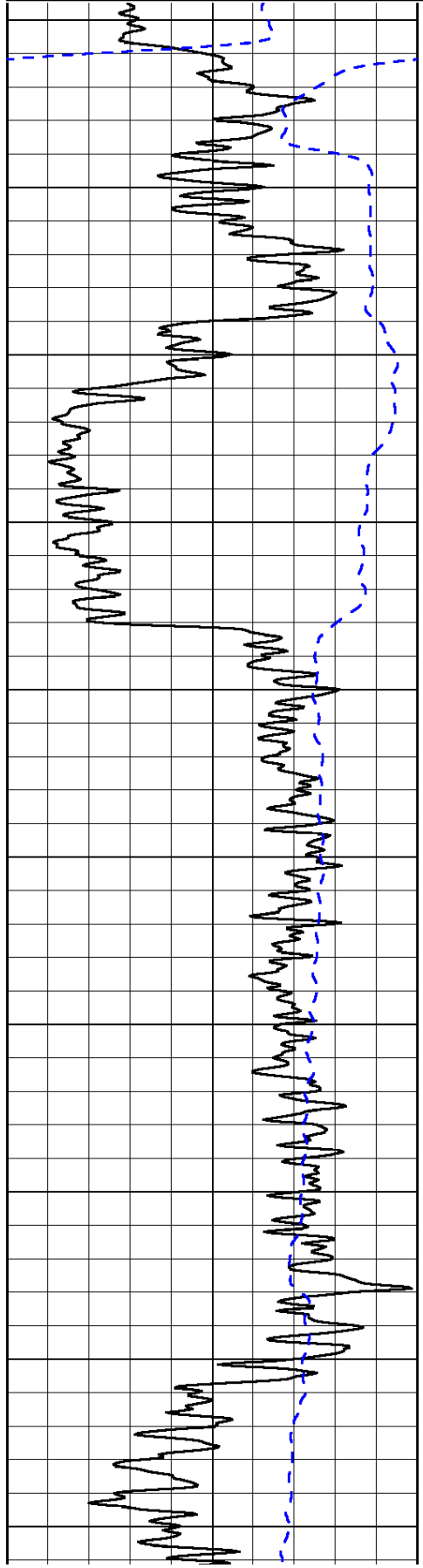
0	Gamma Ray	150
-200	SP (mV)	0

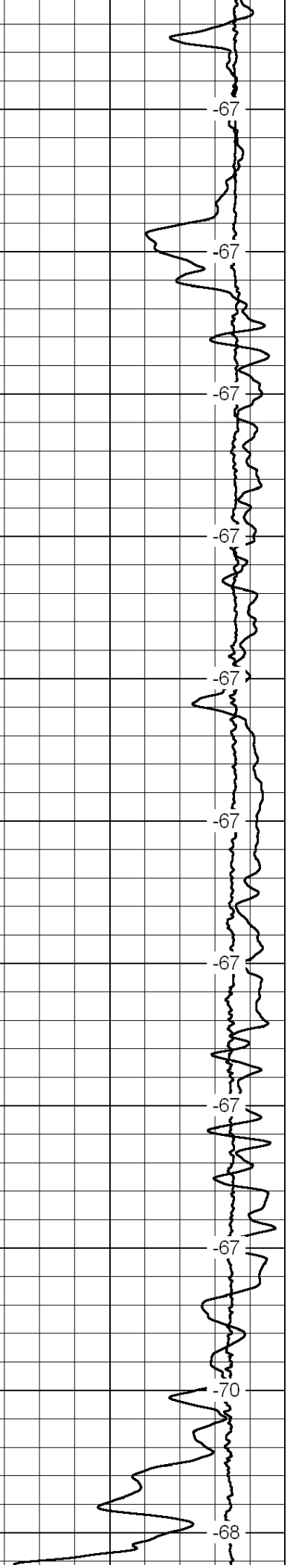
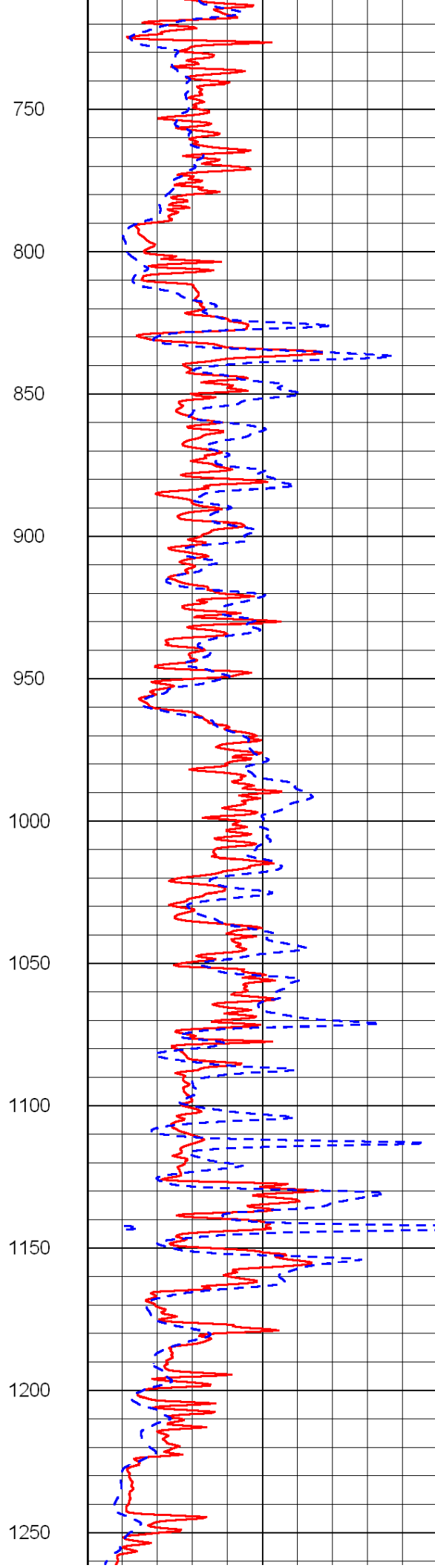
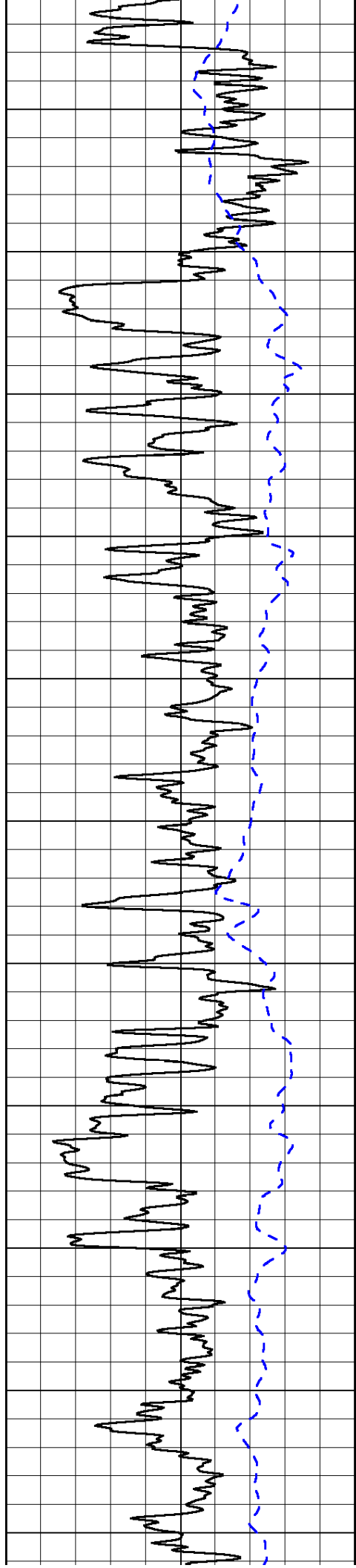
0	Shallow Resistivity	50
0	Deep Resistivity	50

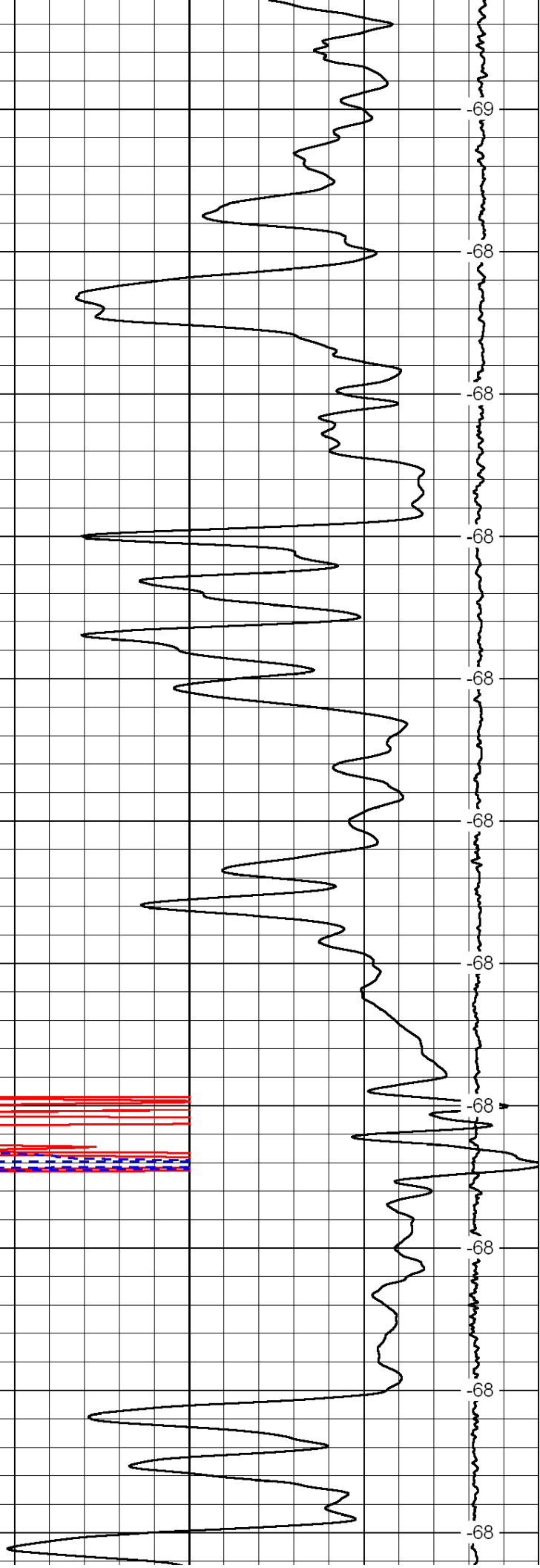
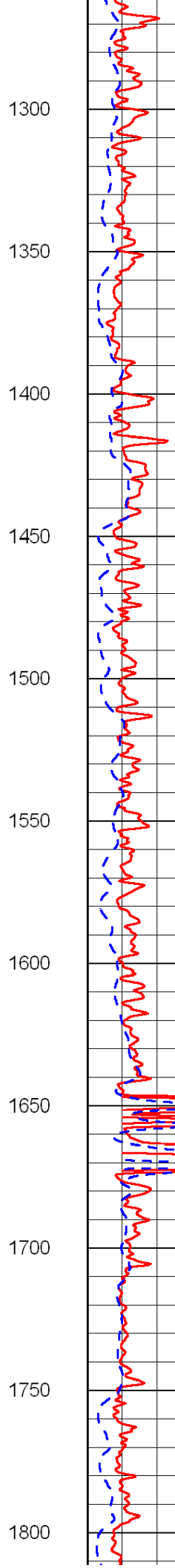
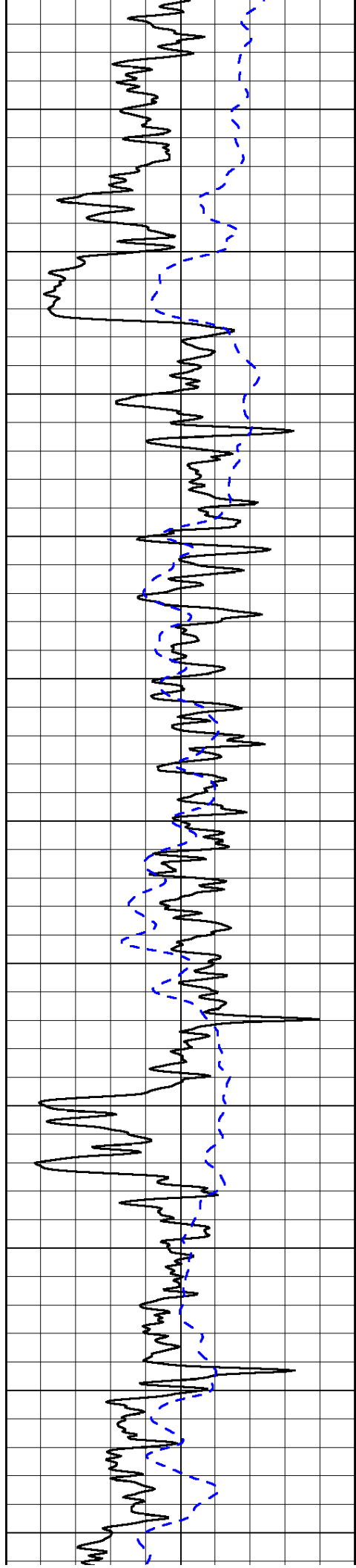
LSPD

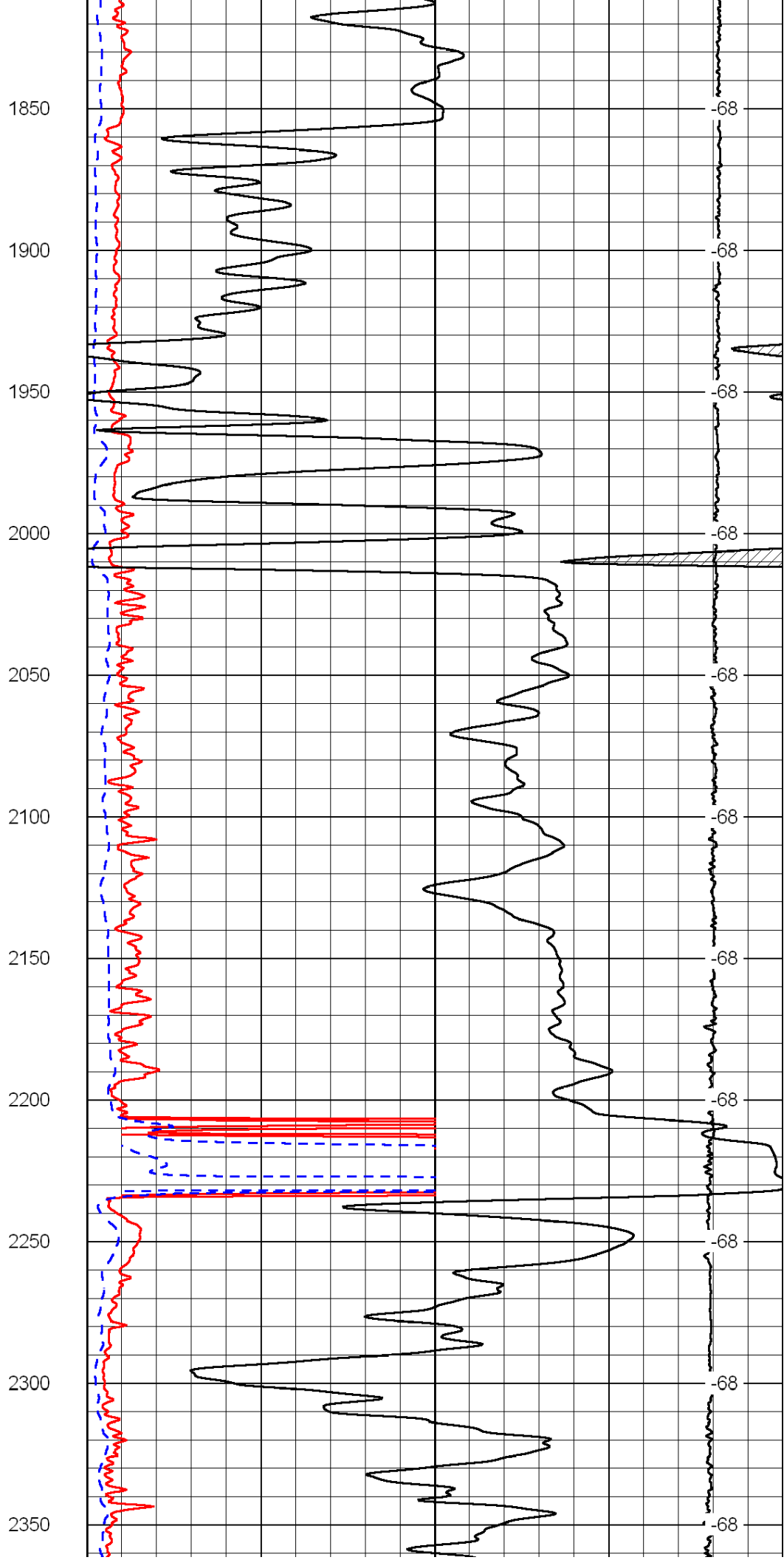
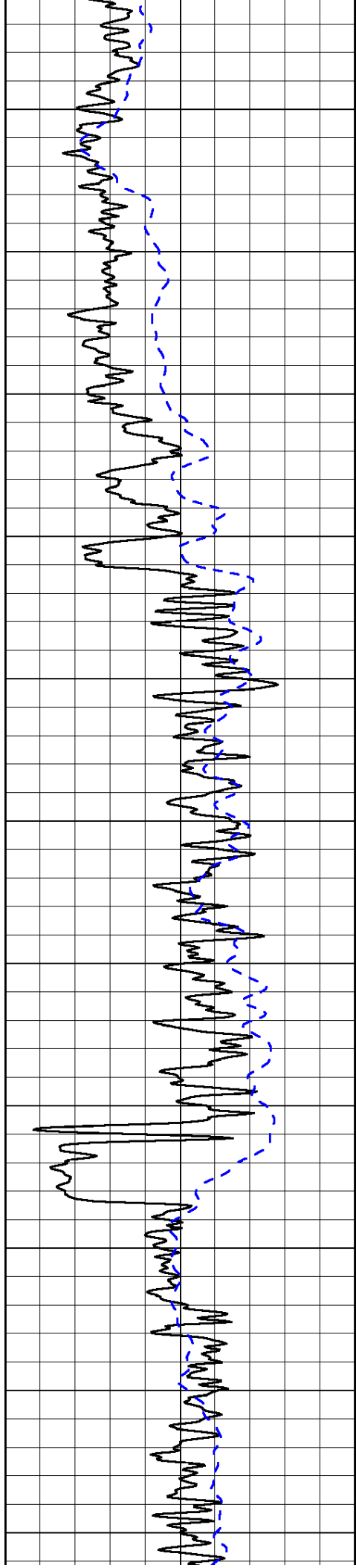
1000	Conductivity	0
15000	Line Tension	0

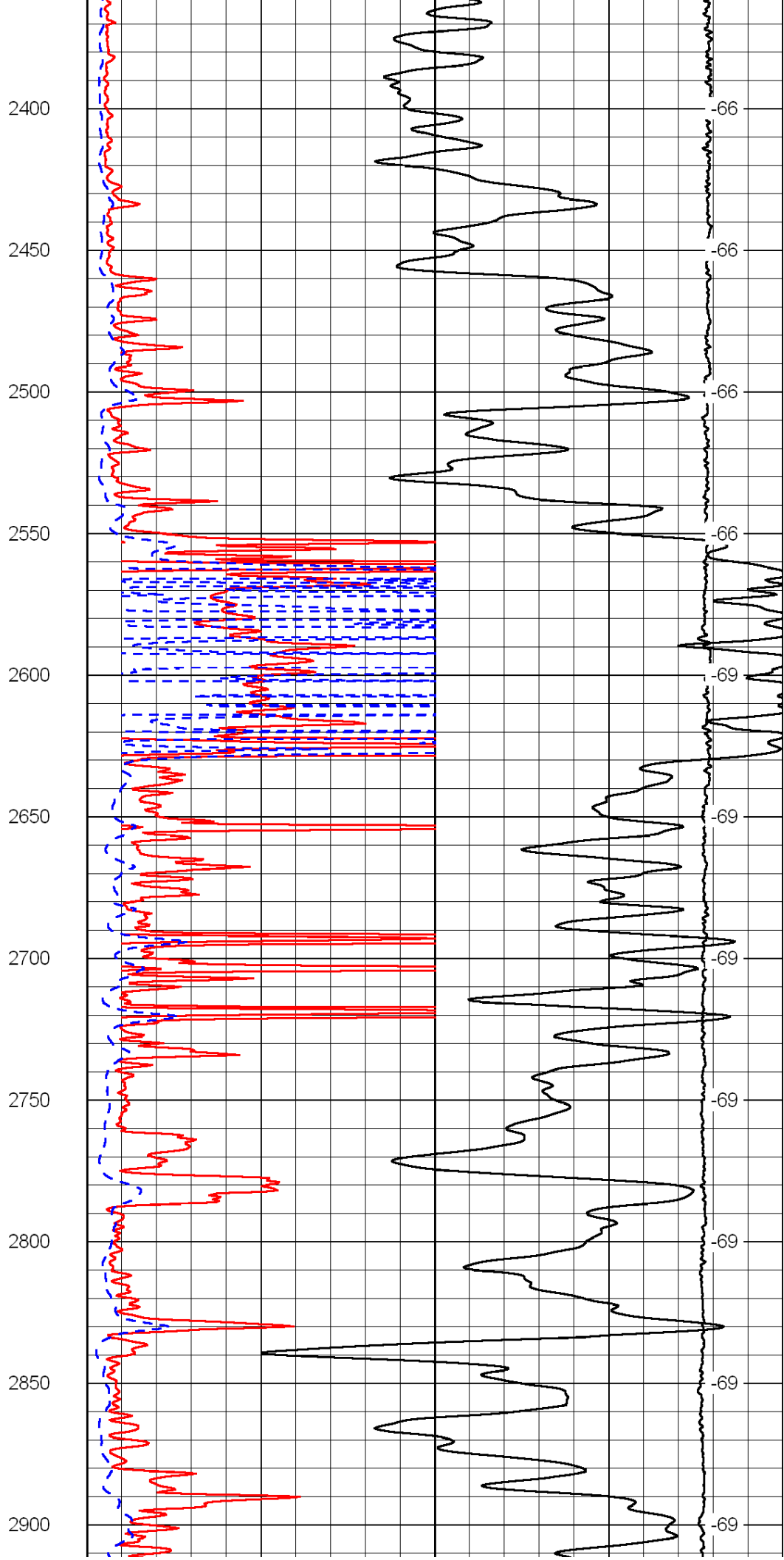
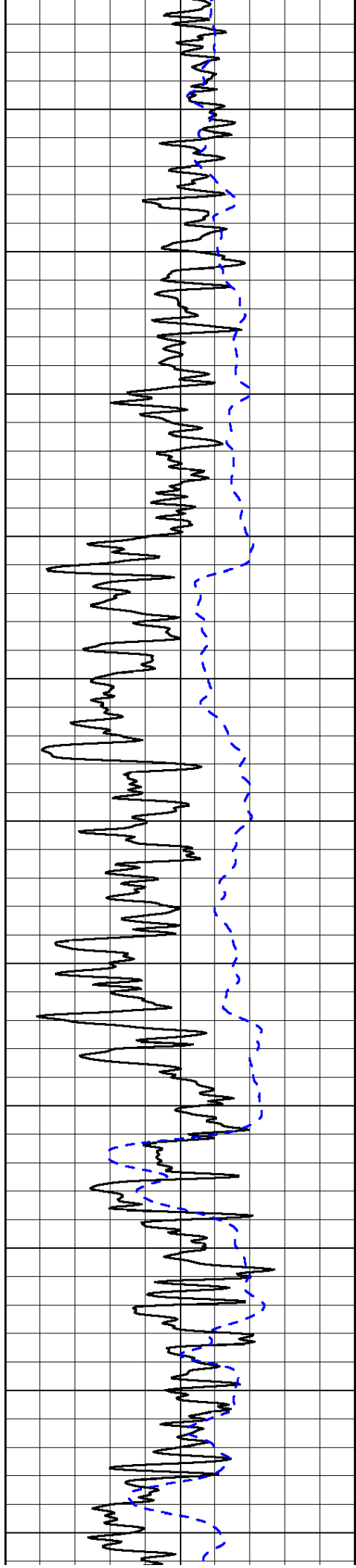
50	Shallow Resistivity	500
50	Deep Resistivity	500

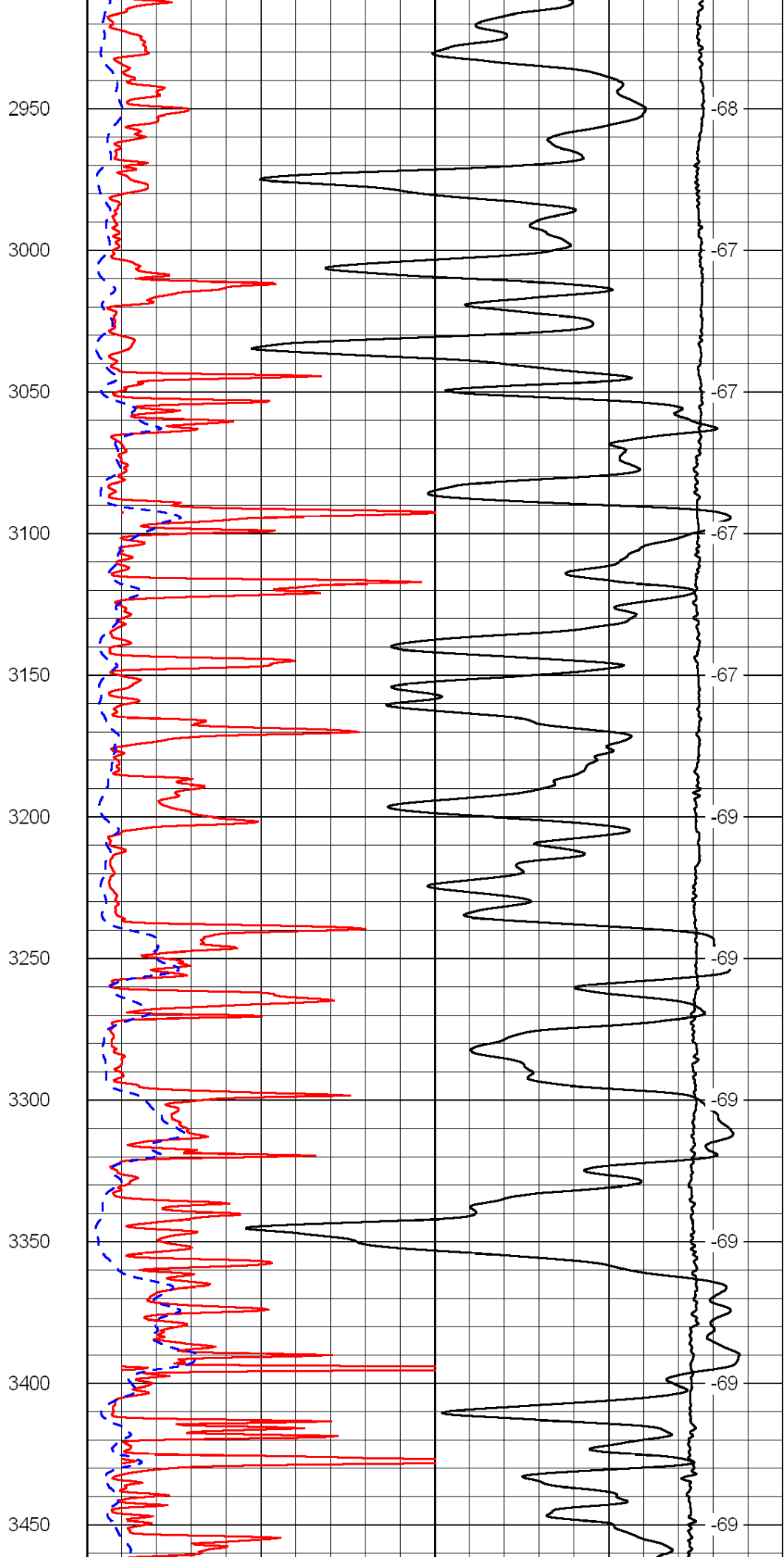
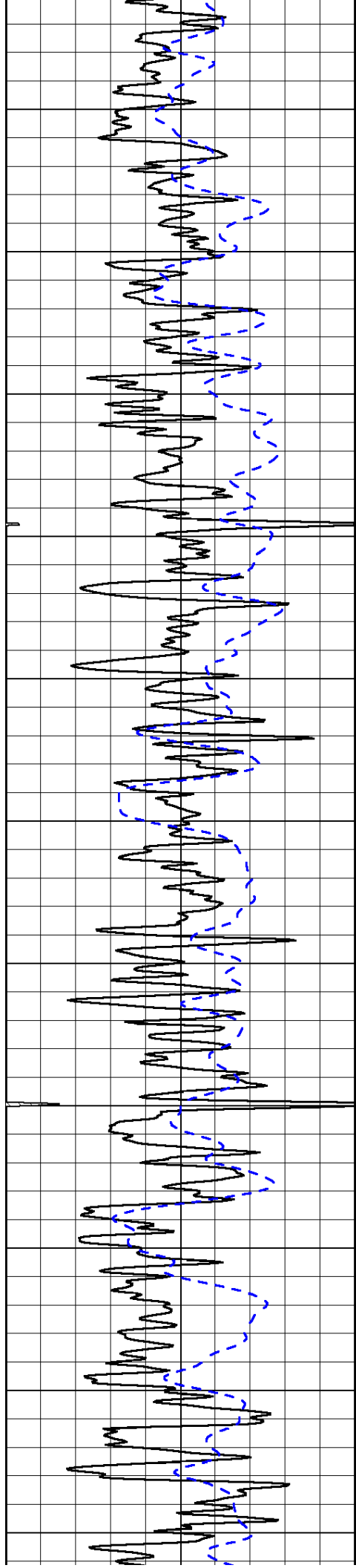


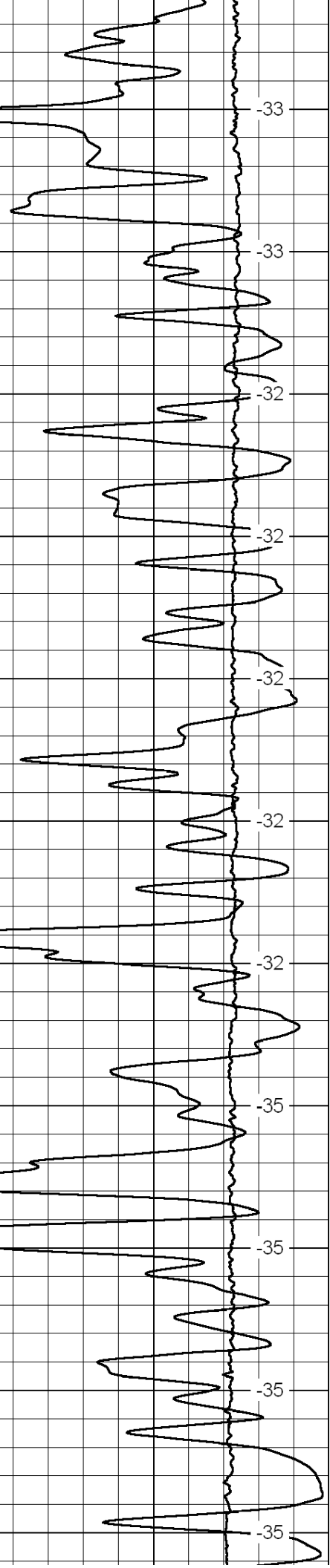
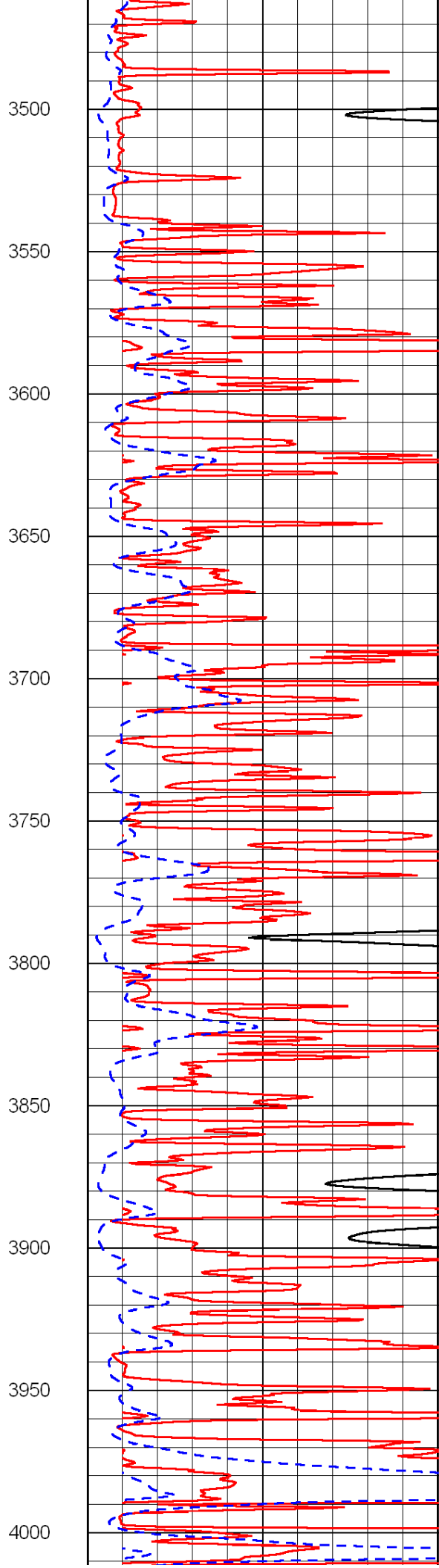
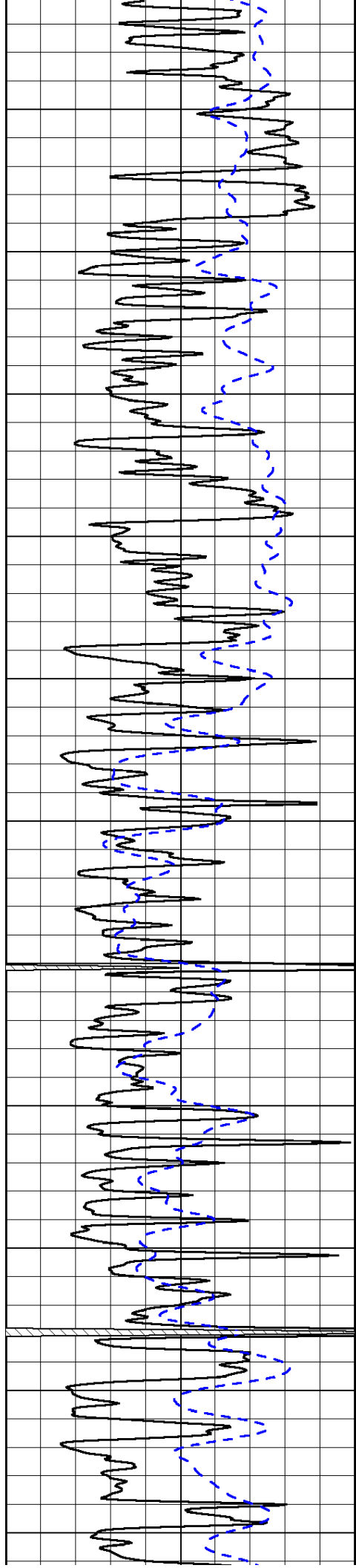


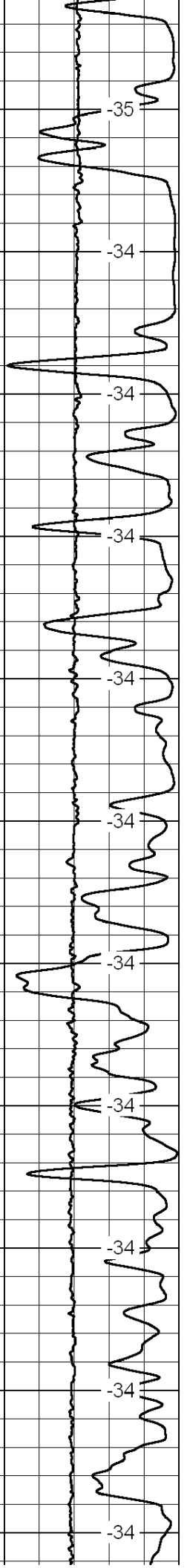
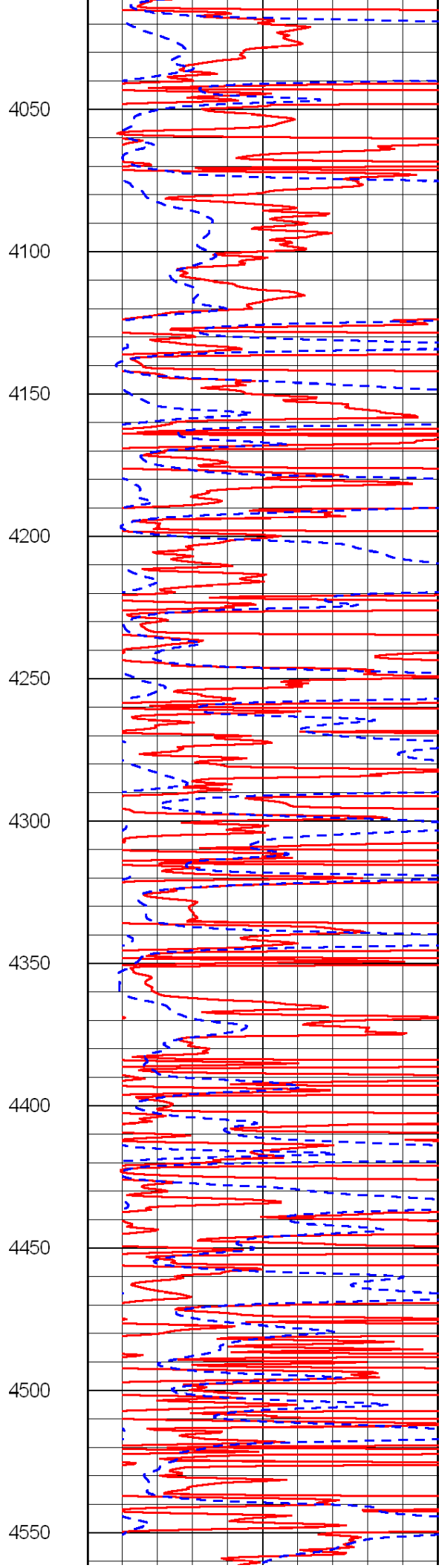
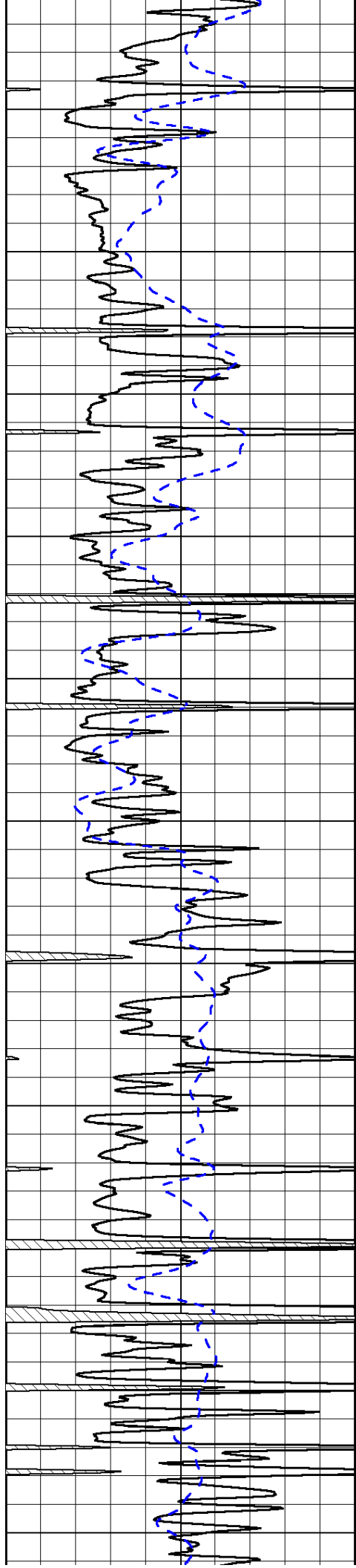


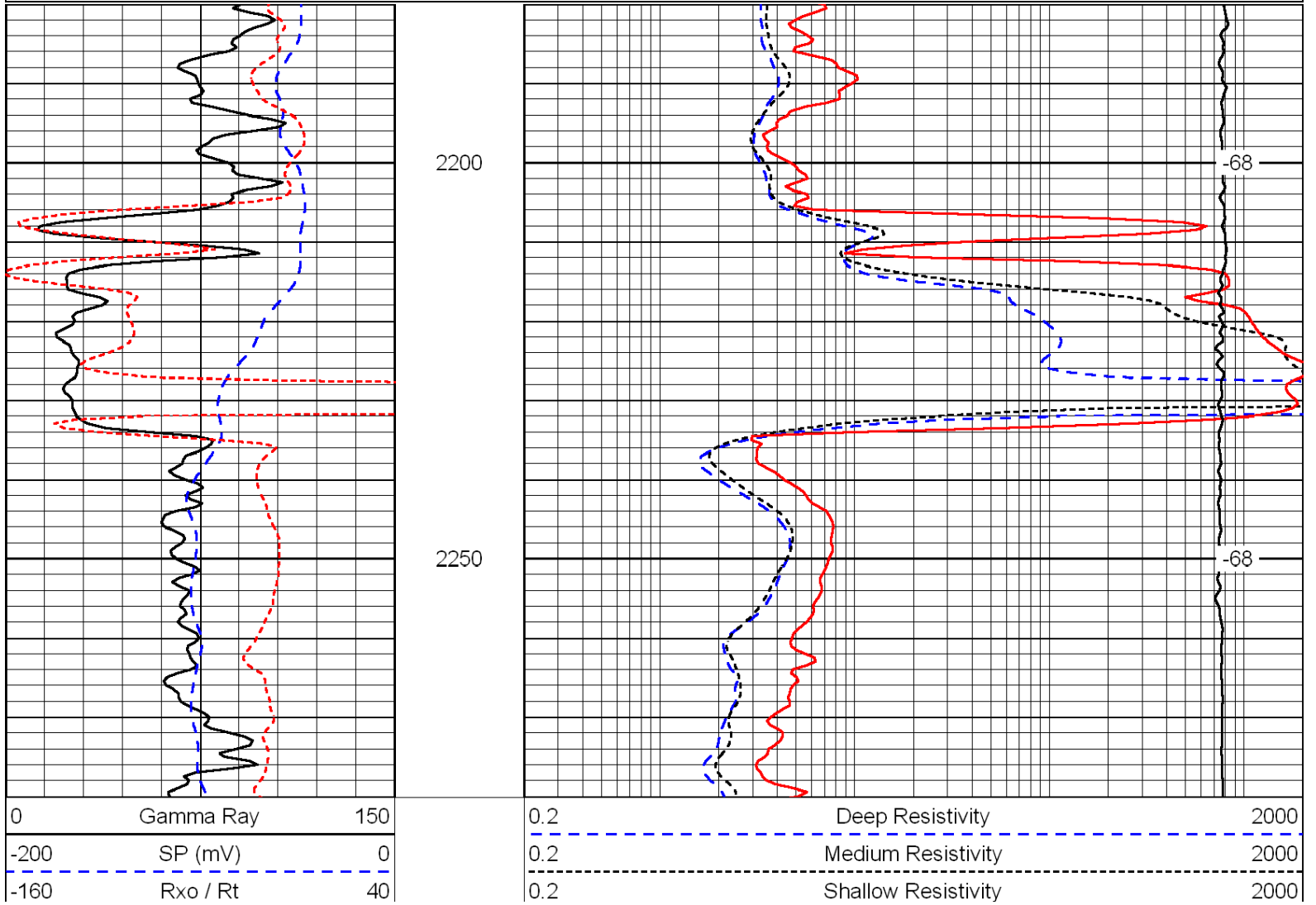
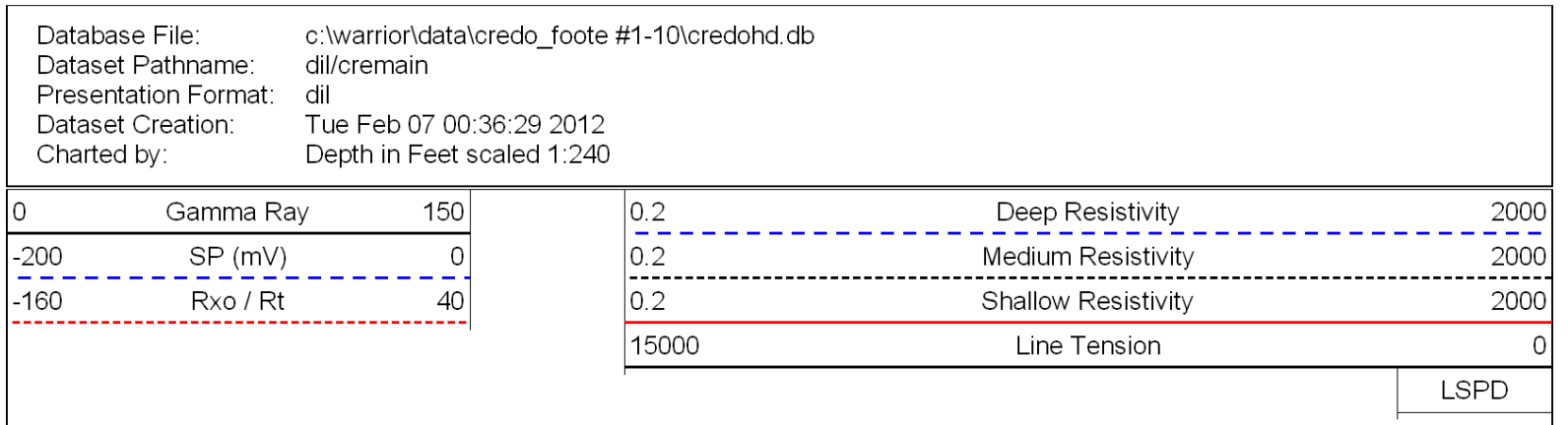
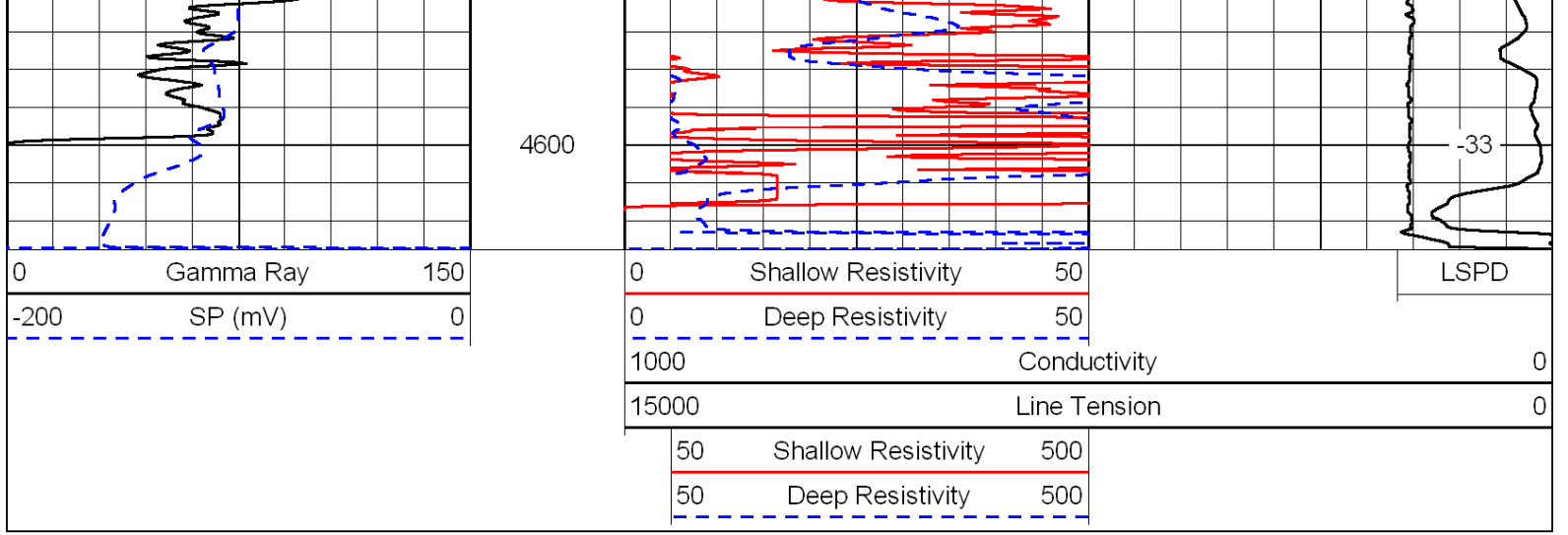








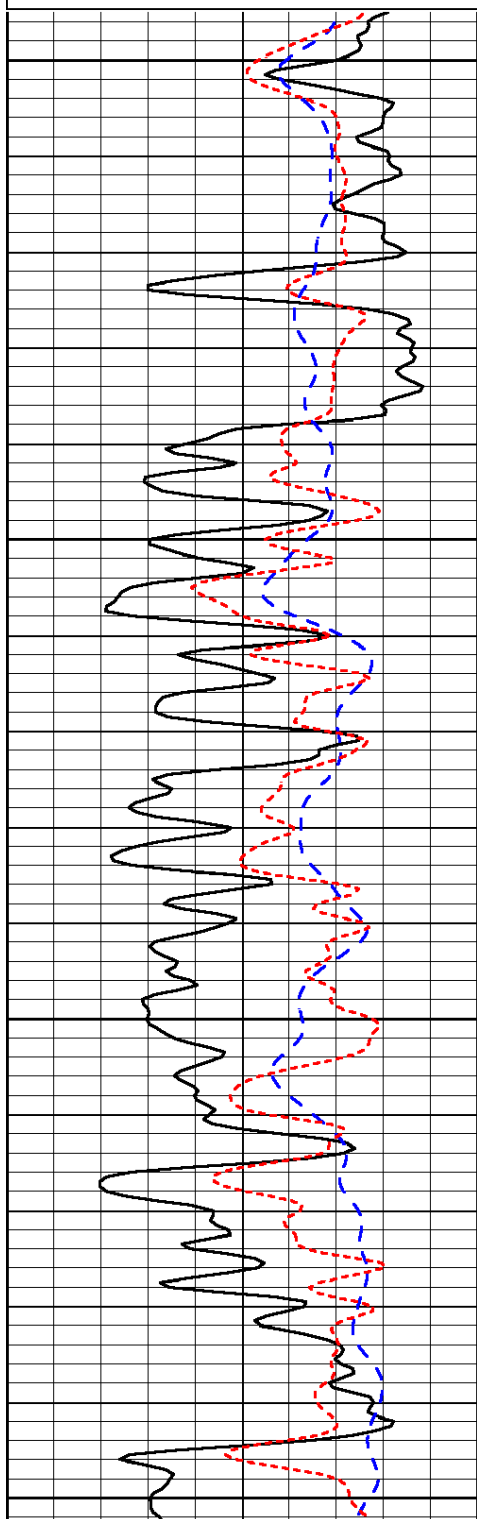




Database File: c:\warrior\data\credo_foote #1-10\credohd.db
 Dataset Pathname: dil/cremain
 Presentation Format: dil
 Dataset Creation: Tue Feb 07 00:36:29 2012
 Charted by: Depth in Feet scaled 1:240

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

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

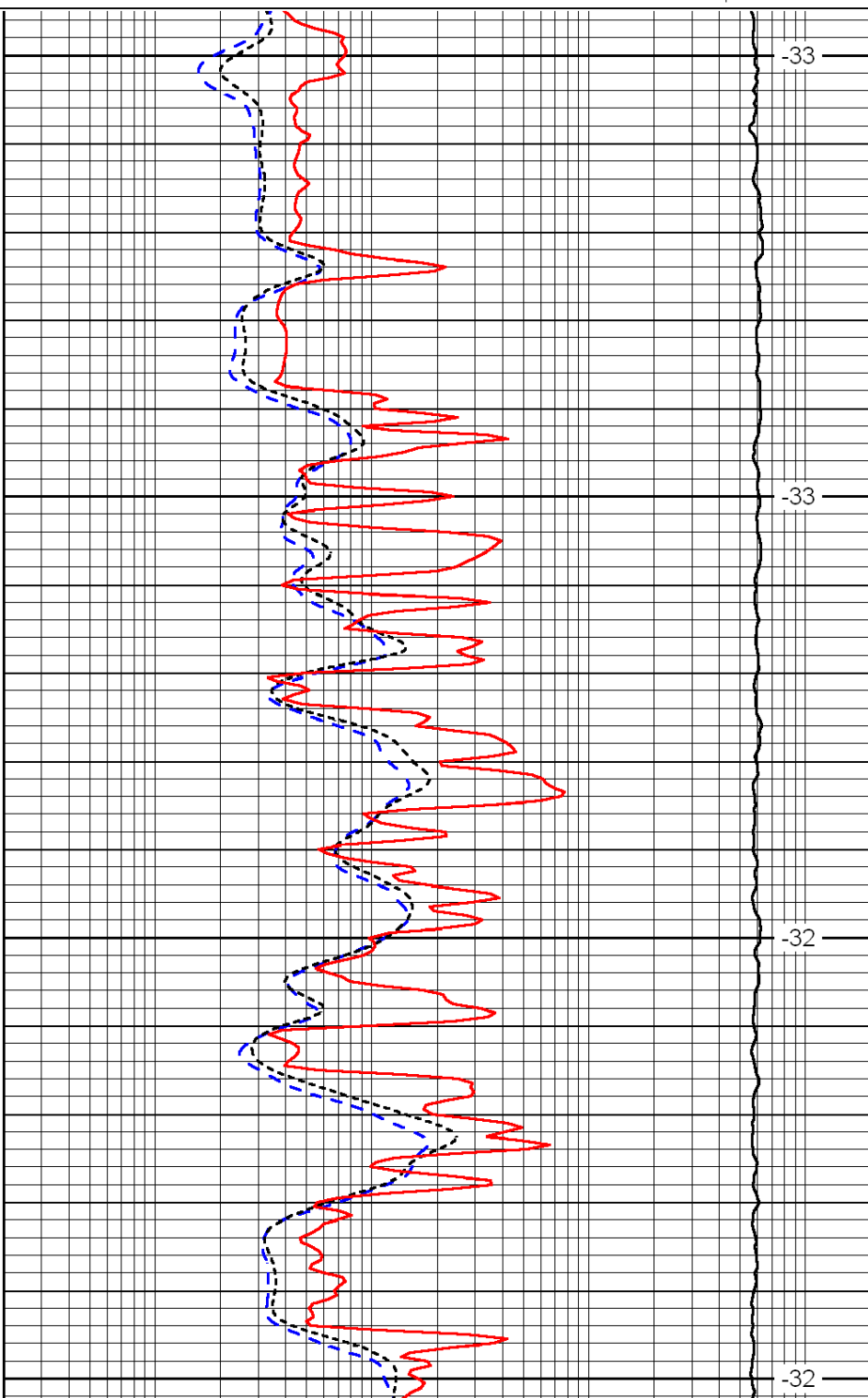


3500

3550

3600

3650

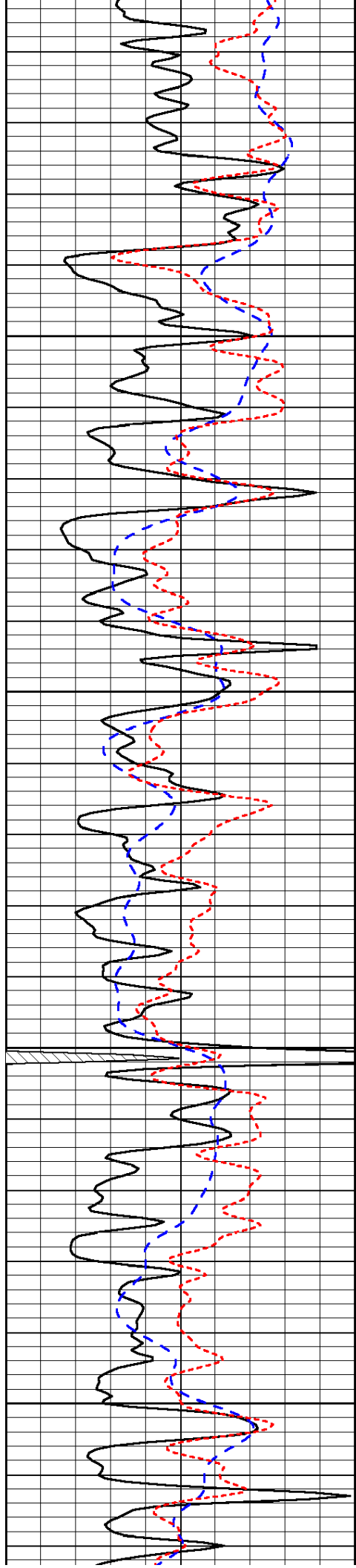


-33

-33

-32

-32

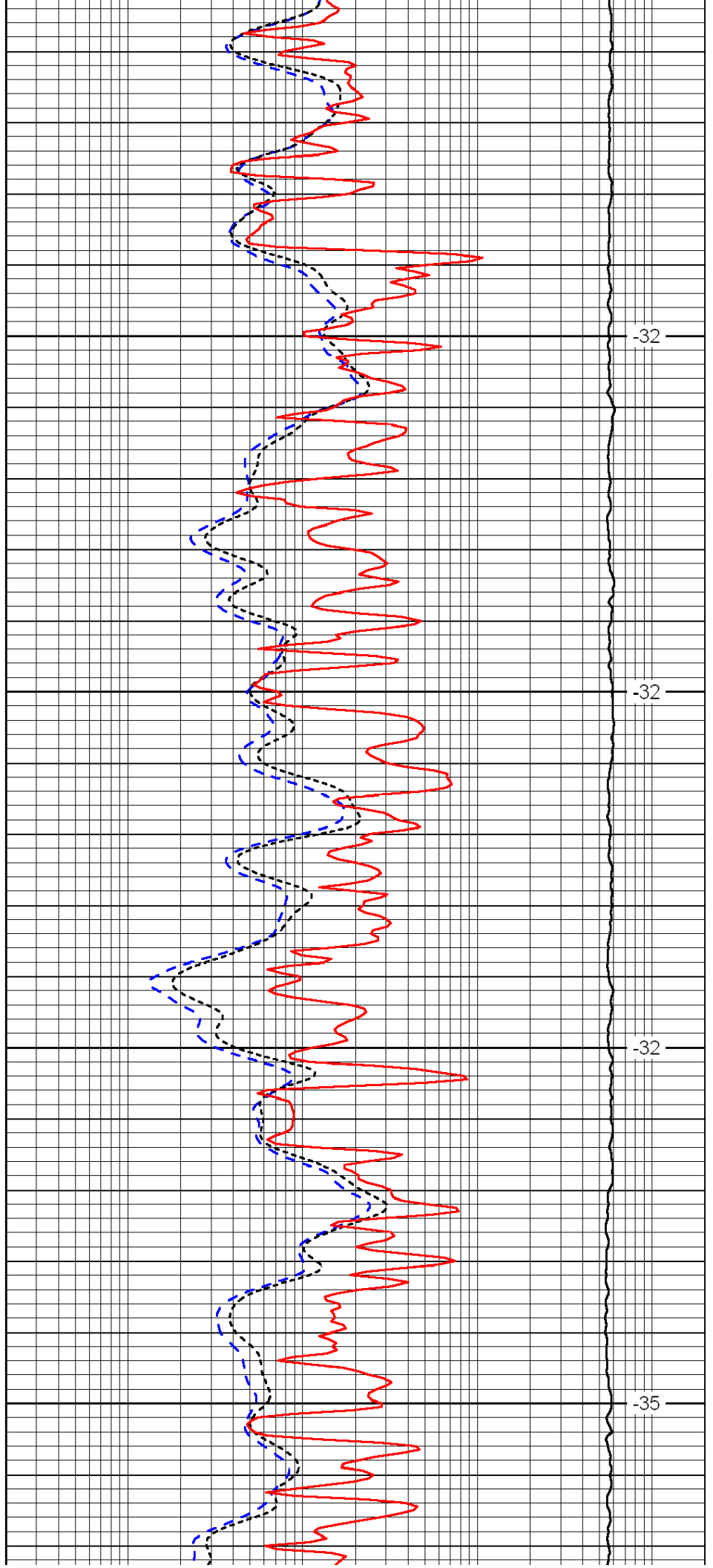


3700

3750

3800

3850

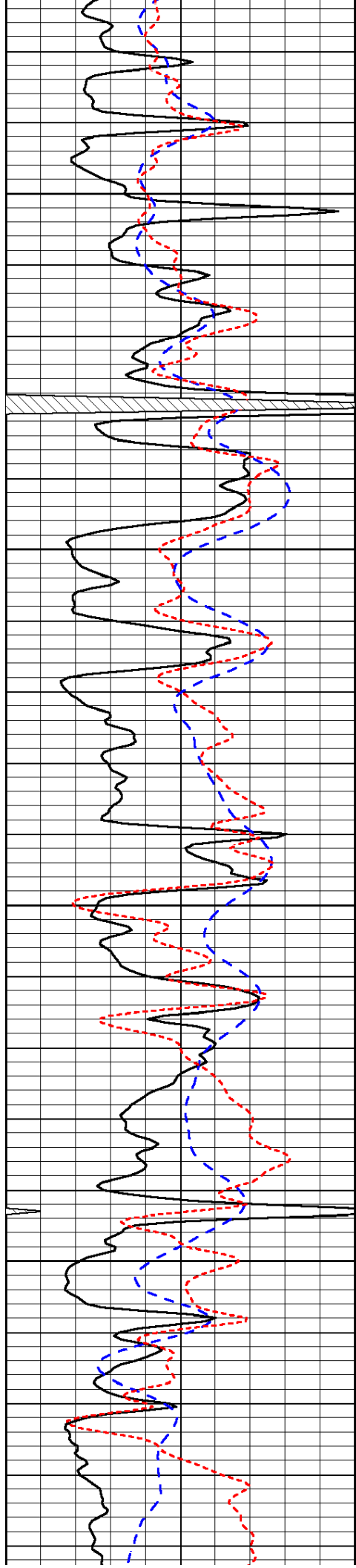


-32

-32

-32

-35

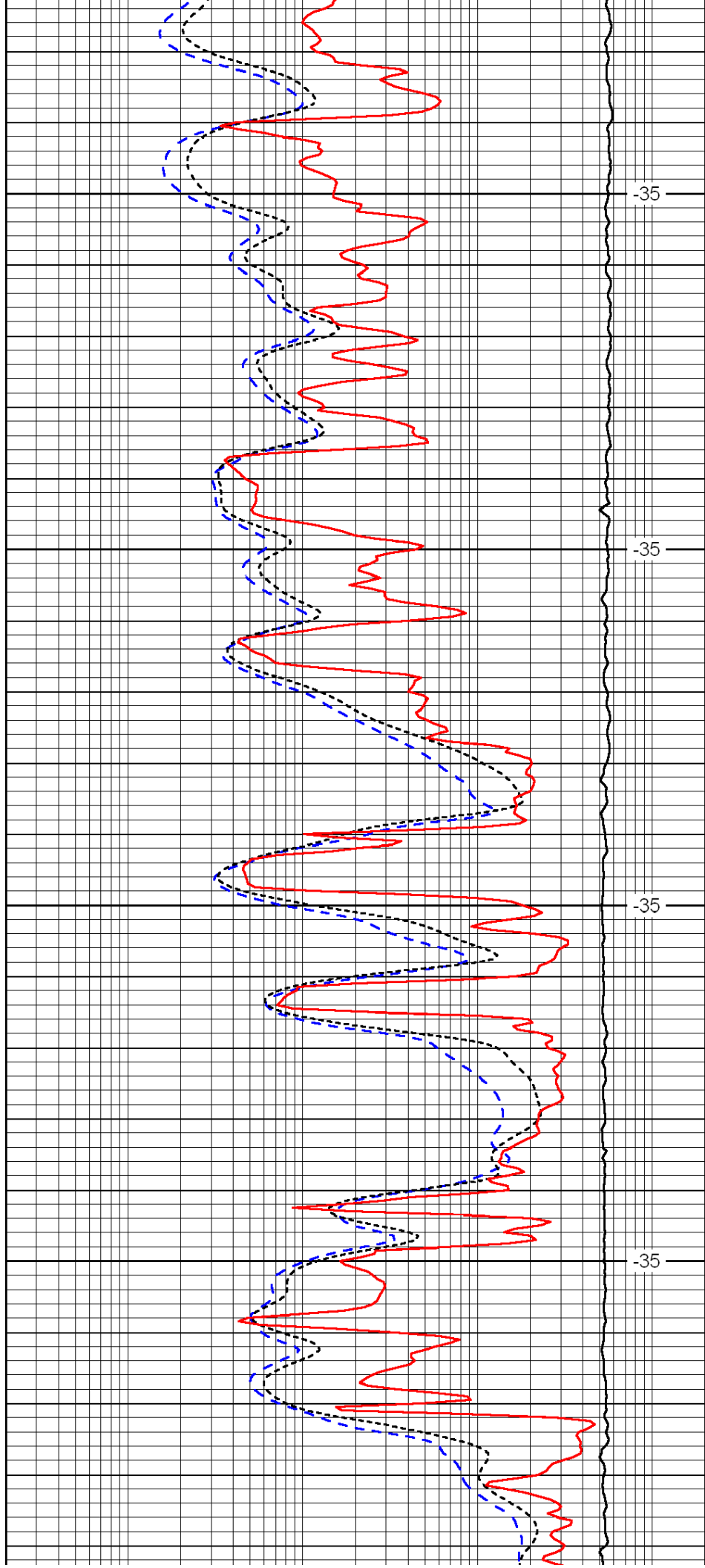


3900

3950

4000

4050

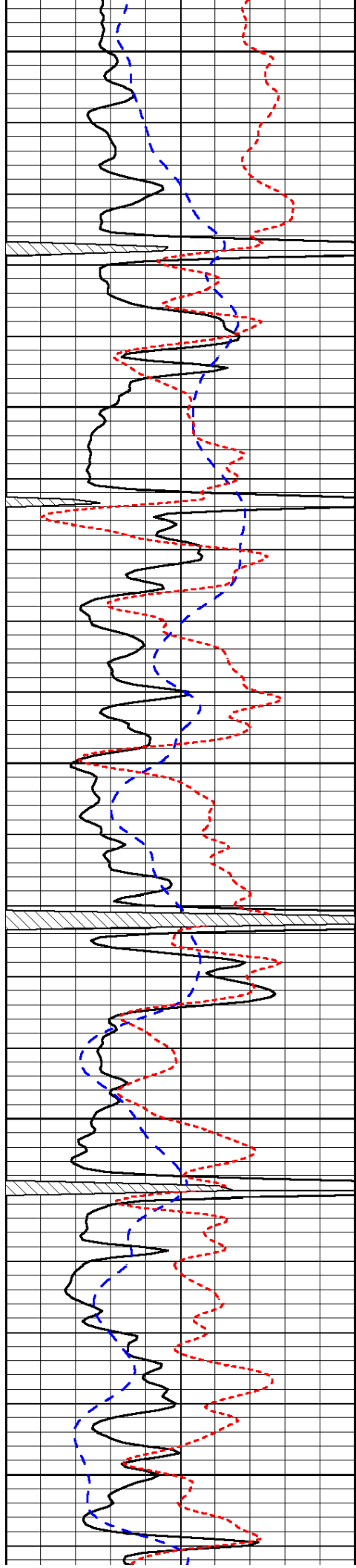


-35

-35

-35

-35



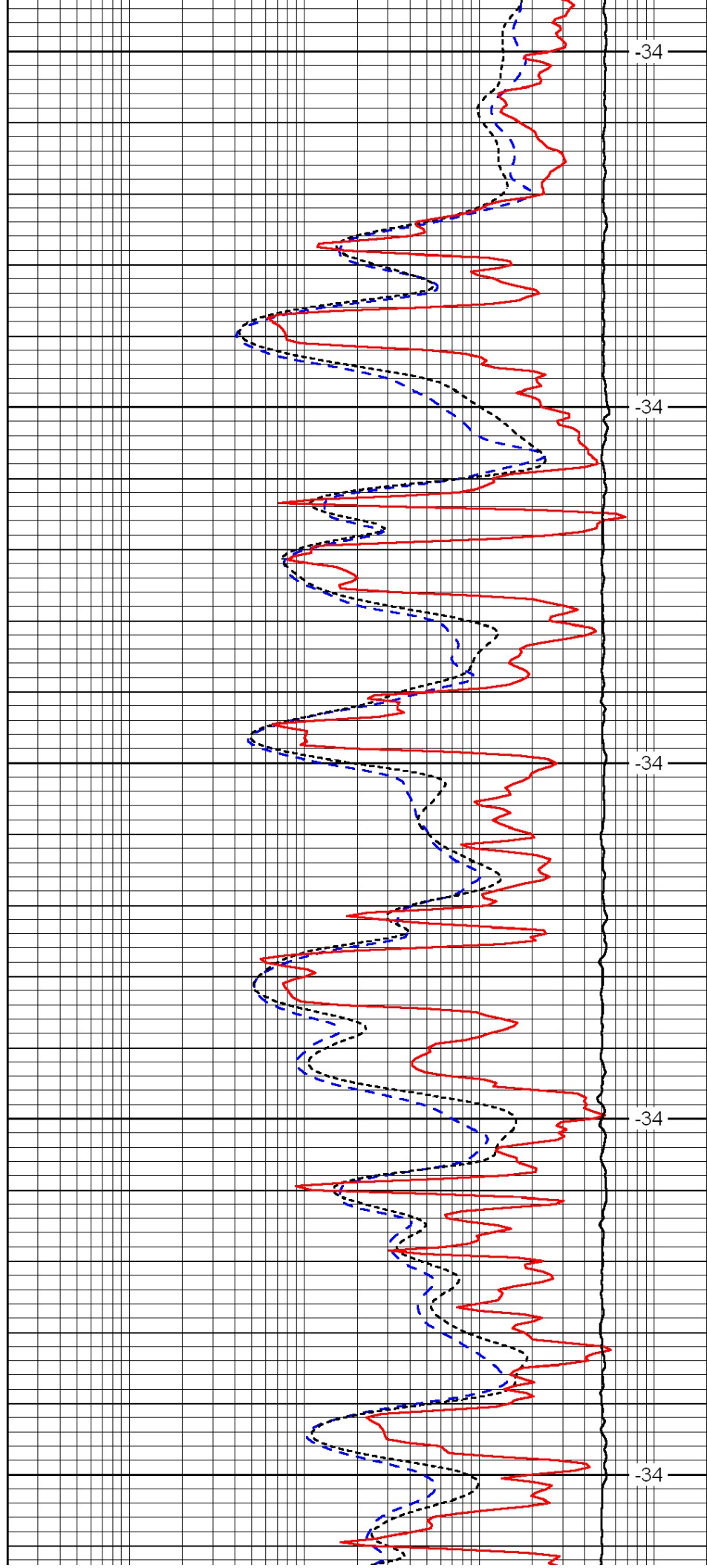
4100

4150

4200

4250

4300



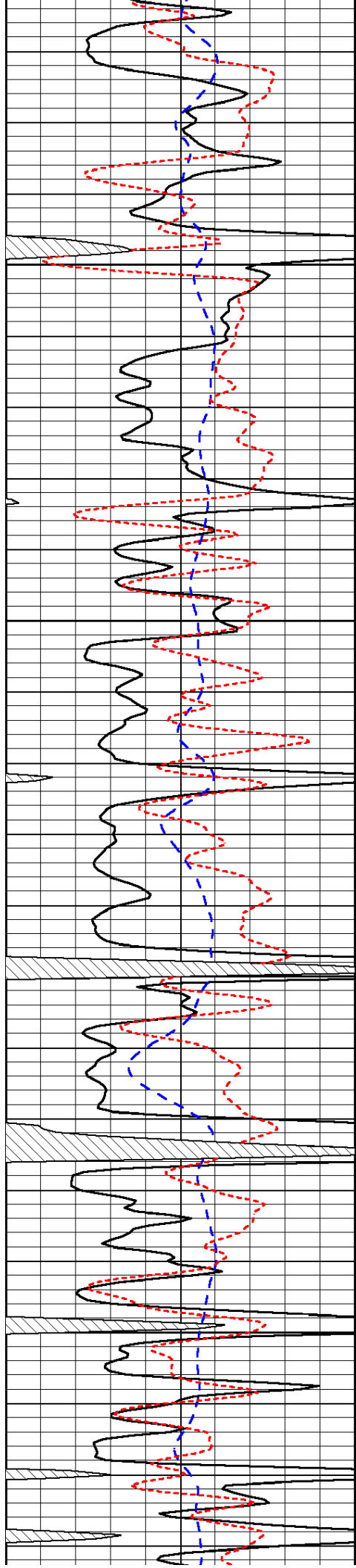
-34

-34

-34

-34

-34

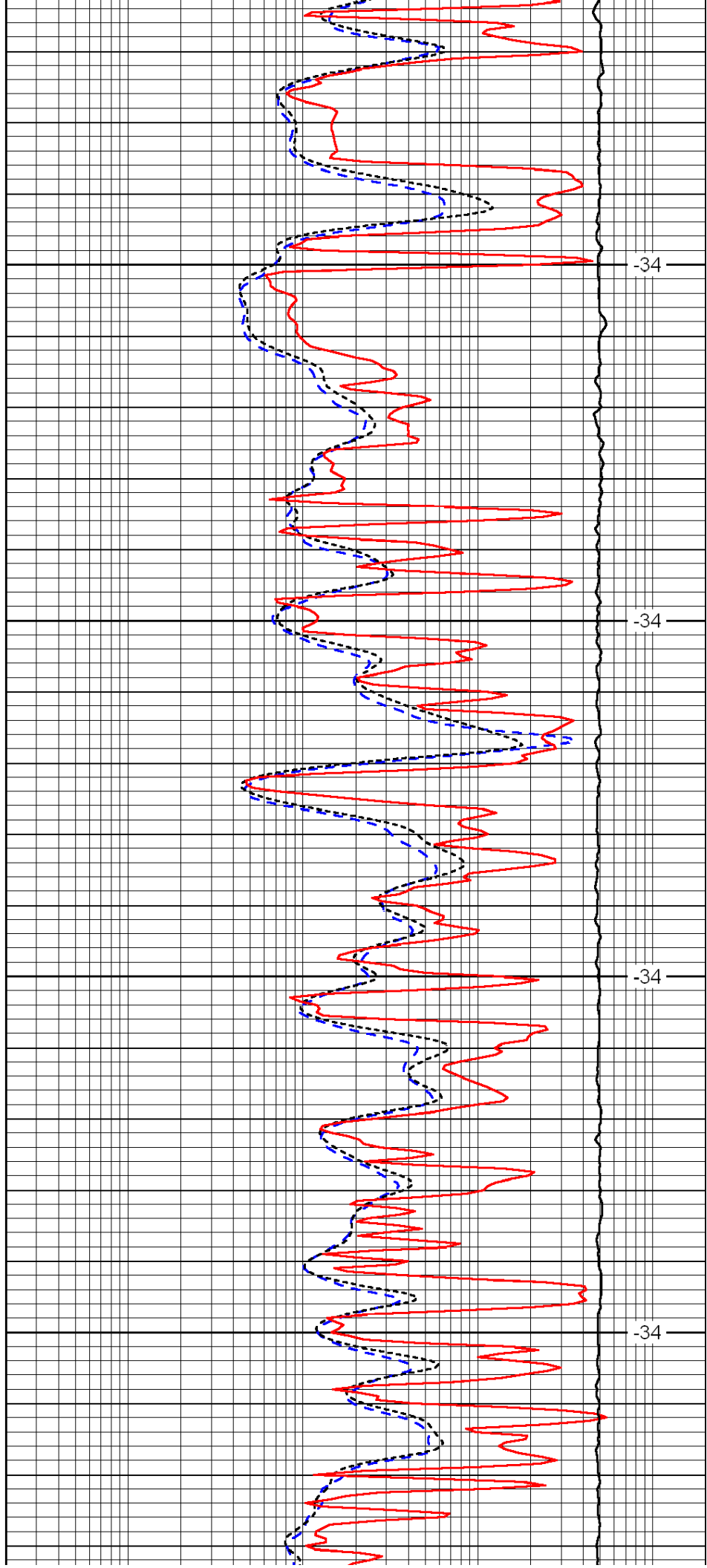


4350

4400

4450

4500

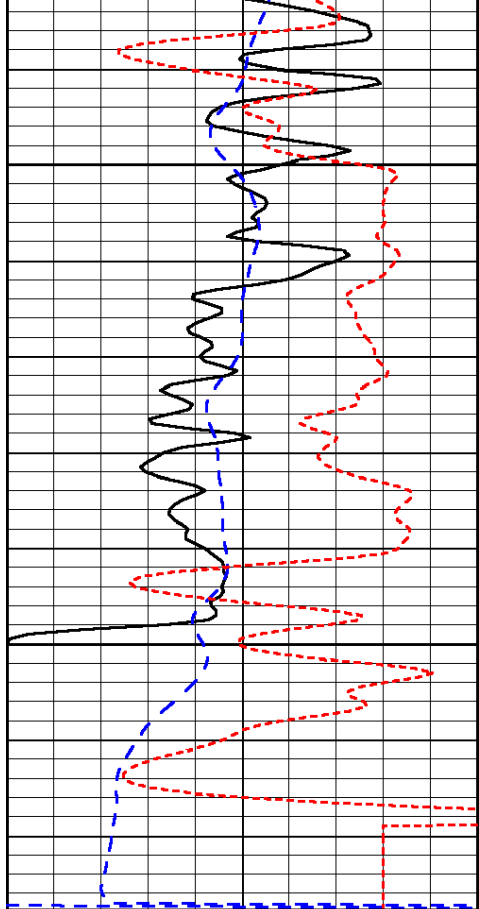


-34

-34

-34

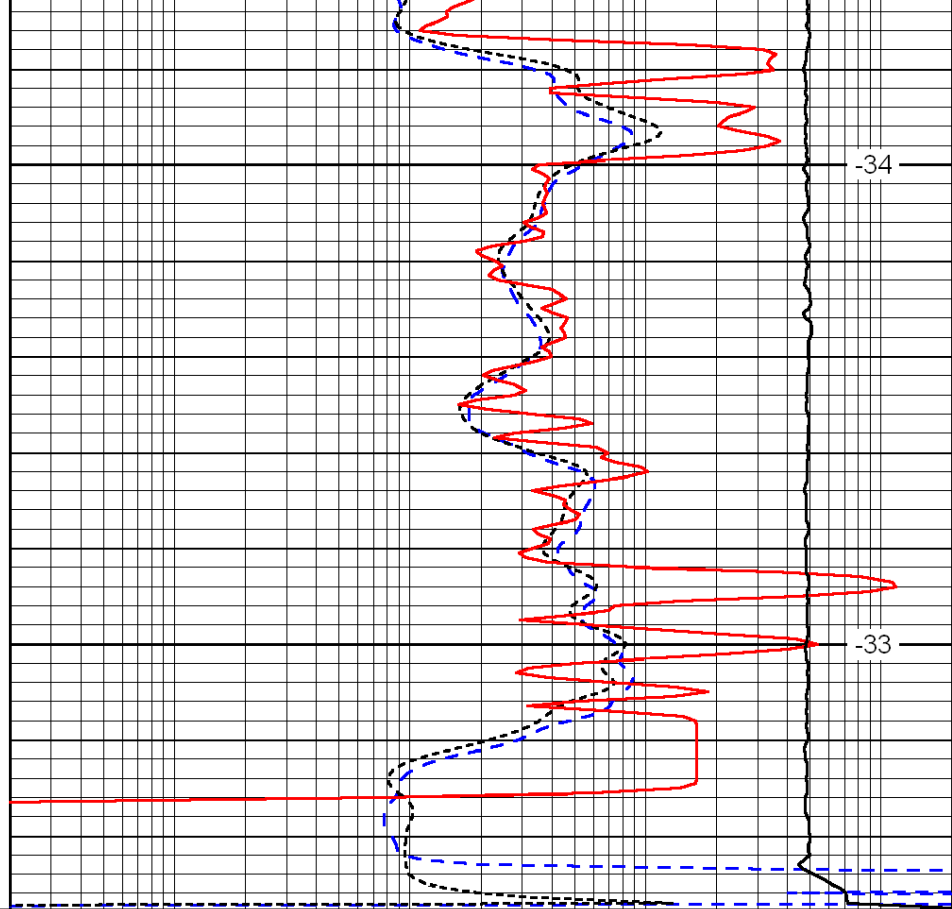
-34



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

4550

4600



-34

-33

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

15-101-22349-00-00

Company **Credo Petroleum Corporation**
 Well **Footo #1-10**
 Field **Terwilliger West**
 County **Lane** State **Kansas**

Location **1315' FNL / 520' FWL**
 Sec: **10** Twp: **17S** Rge: **29W**

Other Services
 DIL
 MEL / BHCS

Permanent Datum **Ground Level** Elevation **2809**
 Log Measured From **Kelly Bushing** 5 Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

Elevation
 K.B. 2814
 D.F. G.L. 2809

Date	2/6/2012
Run Number	One
Type Log	CNL / CDL
Depth Driller	4620
Depth Logger	4622
Bottom Logged Interval	4601
Top Logged Interval	3500
Type Fluid In Hole	Chemical
Salinity, PPM CL	2200
Density Level	9.4
F-ull	Full
Max. Rec. Temp. F	122
Operating Rig Time	5 Hours
Equipment -- Location	15 Days
Recorded By	R. Barnhart
Witnessed By	Bruce Ard

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	266	8.625	24#	00	266
2	7.875	266	4620				

<<< 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.

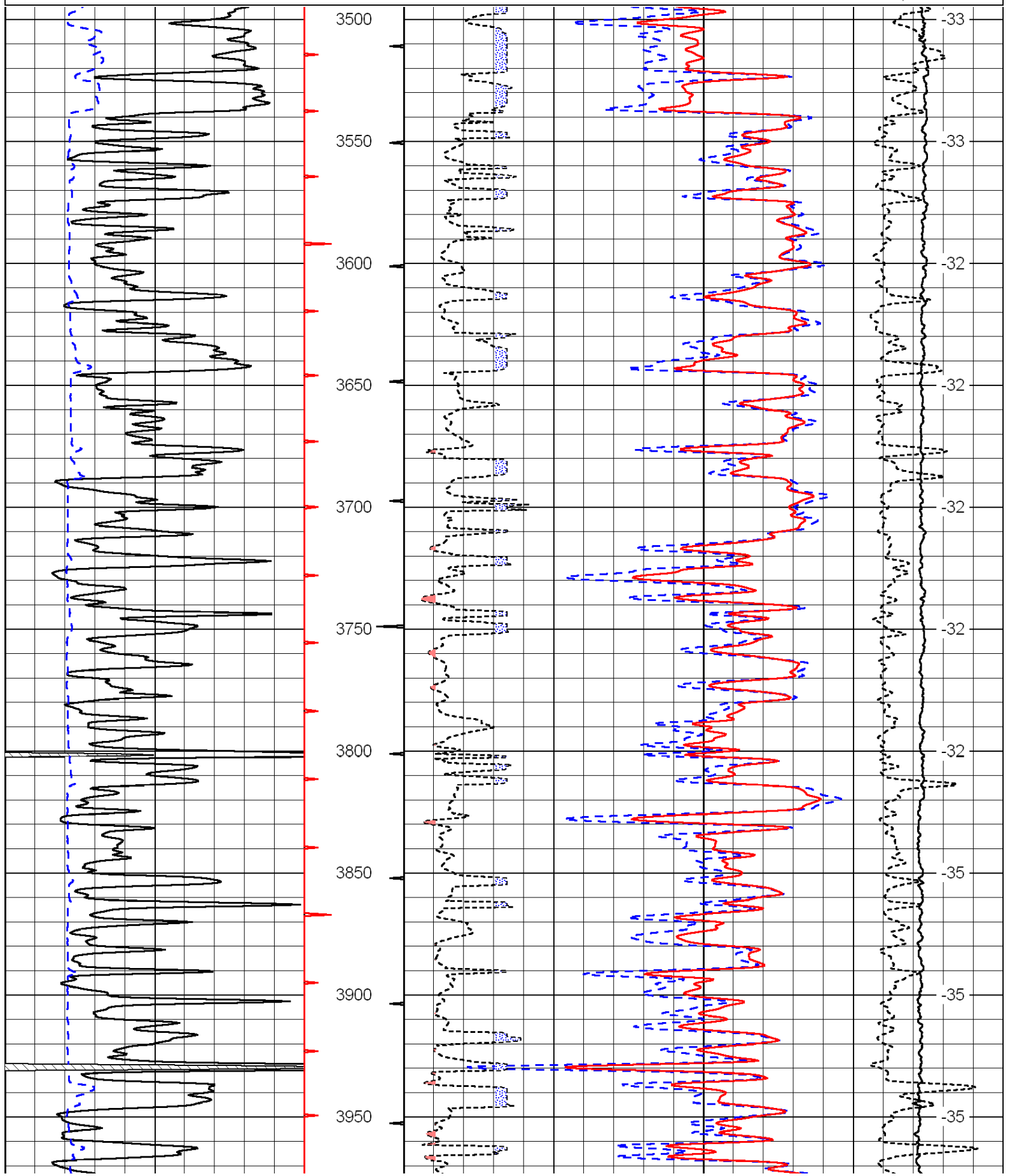
Comments

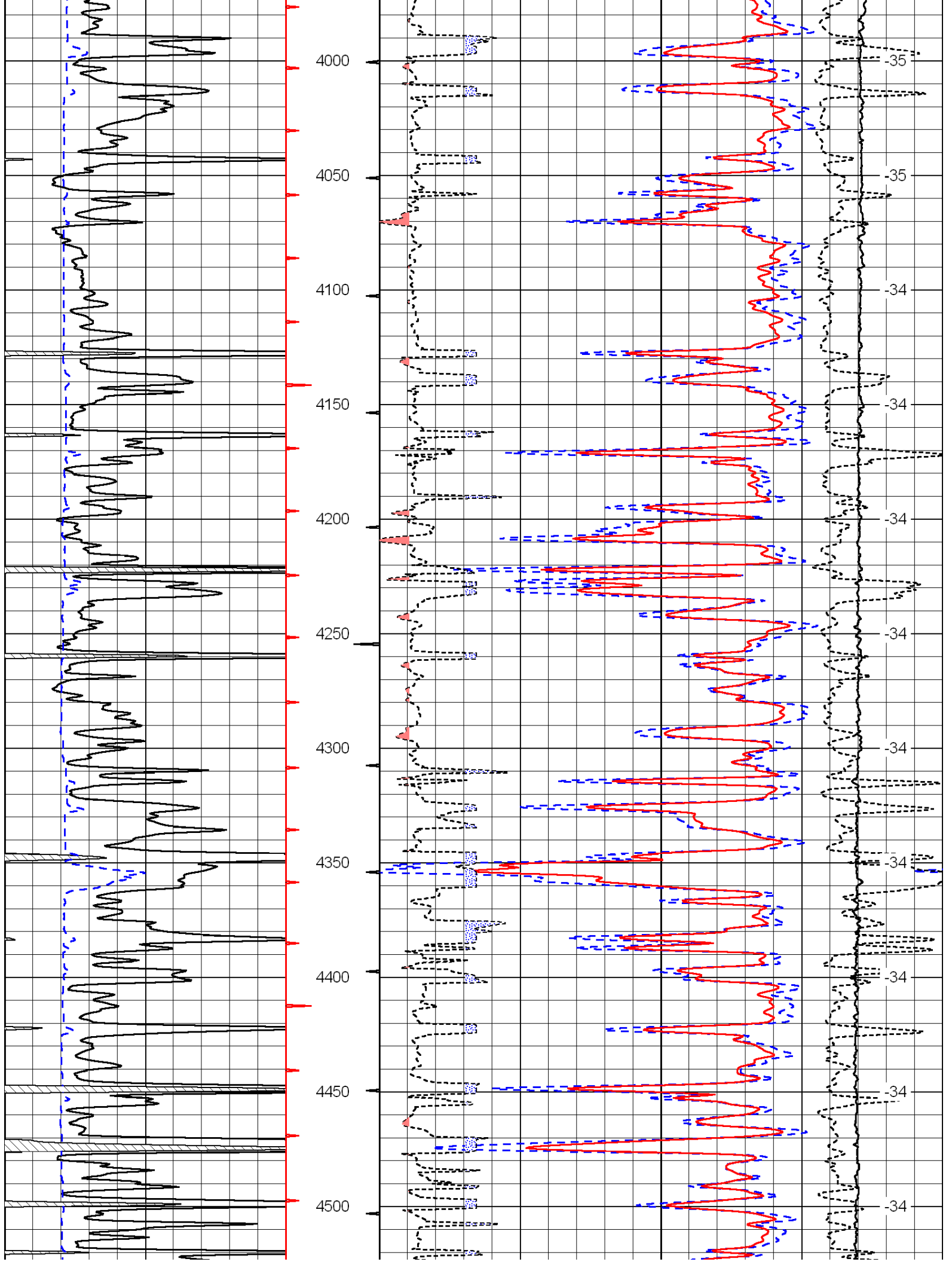
Thank you for using Log-Tech, Inc.
 (785) 625-3858

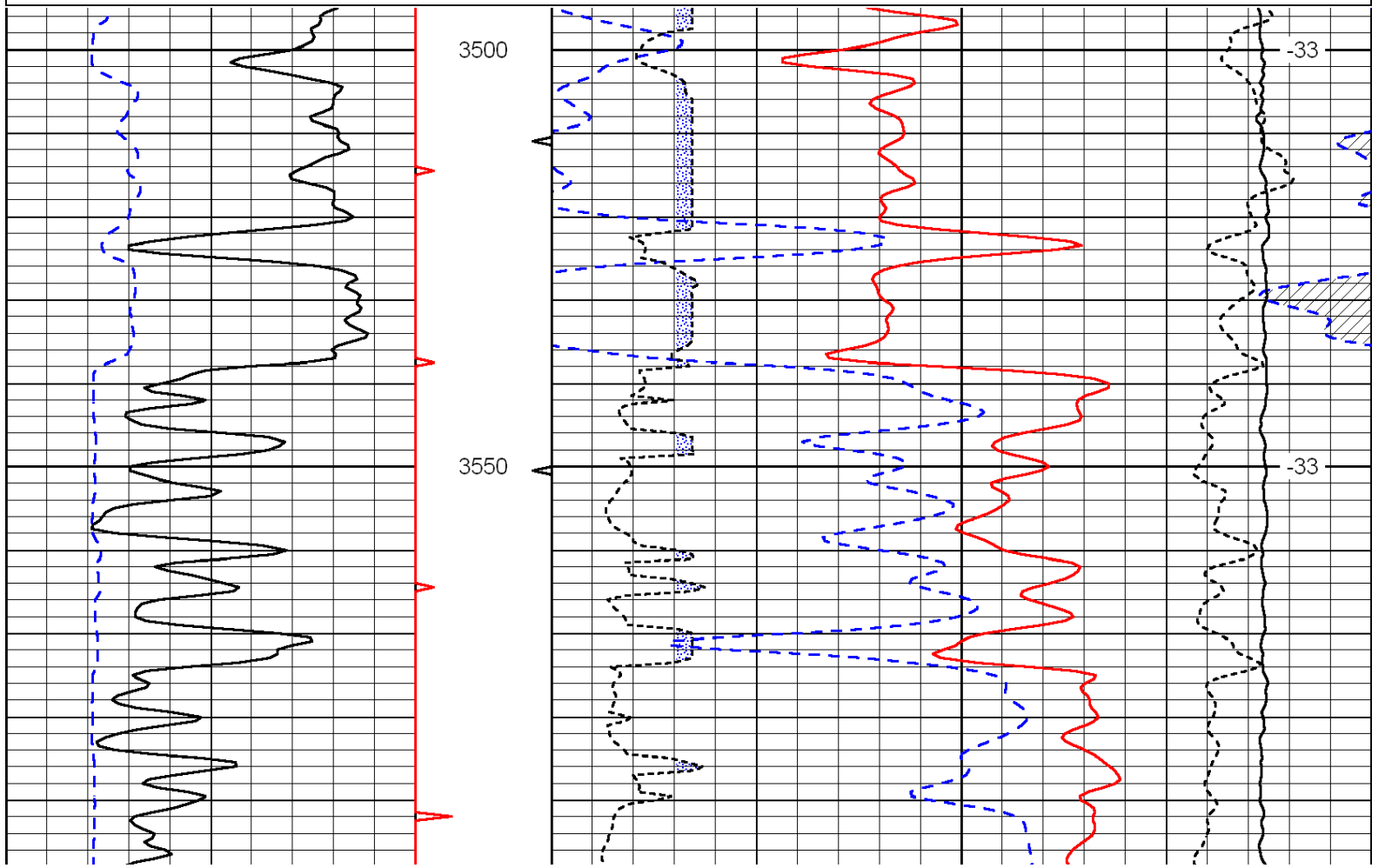
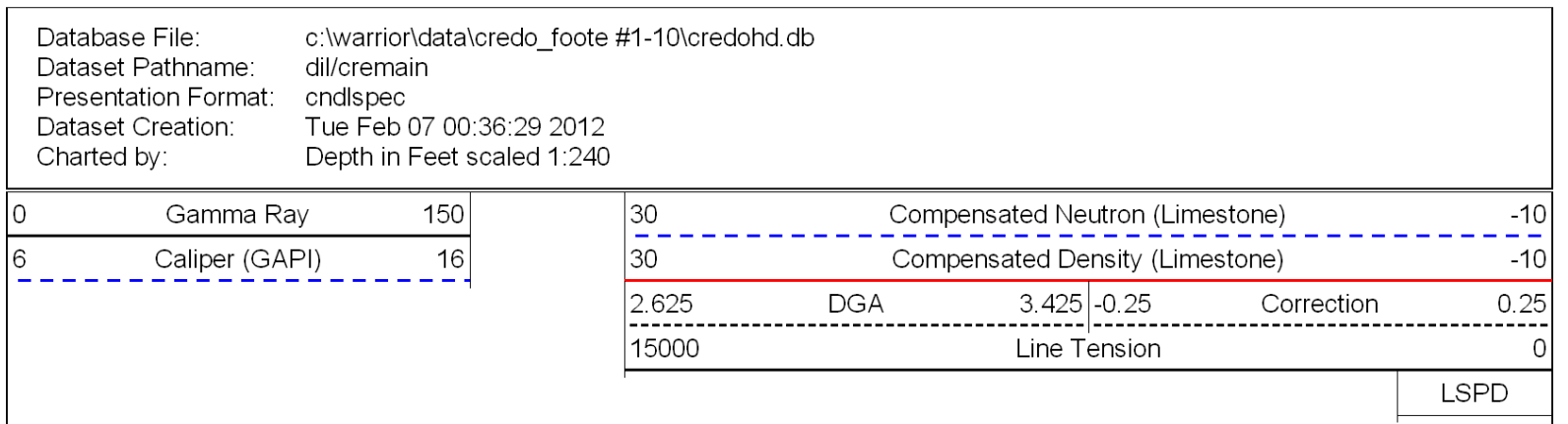
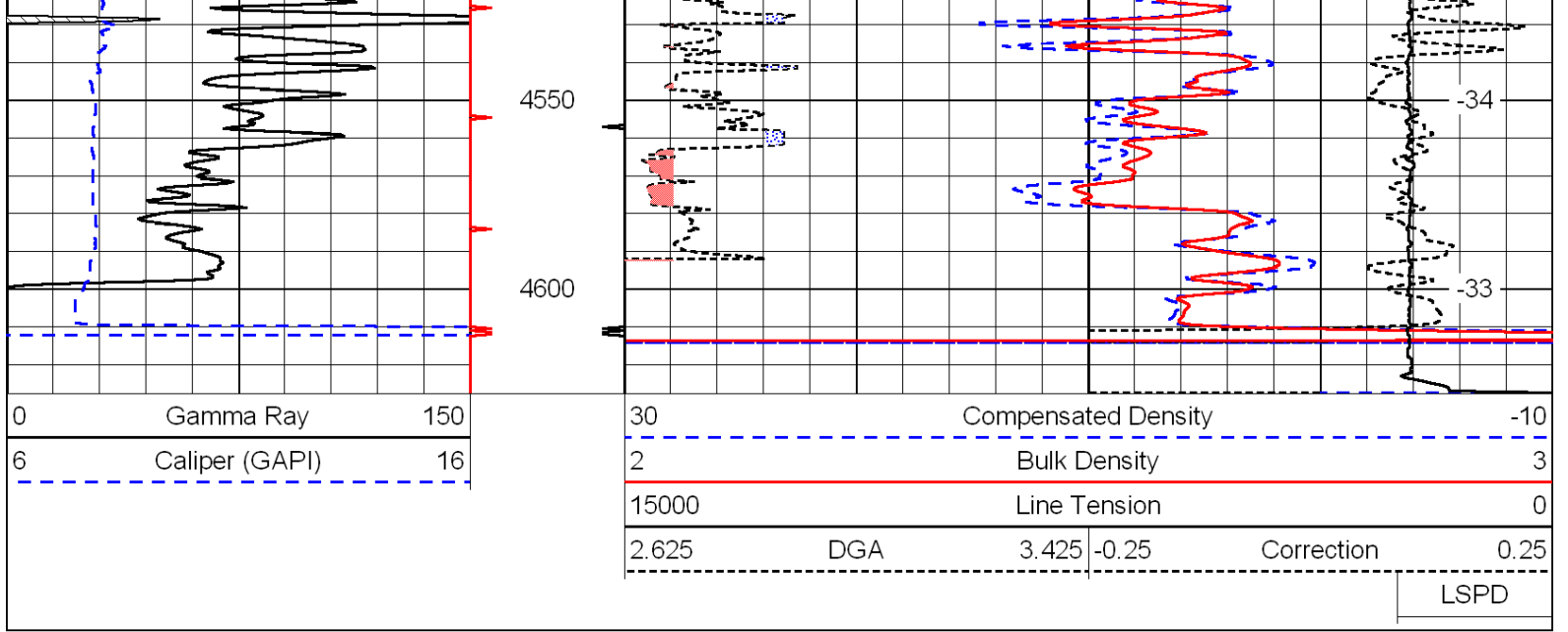
Healy, KS:
 5E to Ike Rd., 1 1/4S, E into

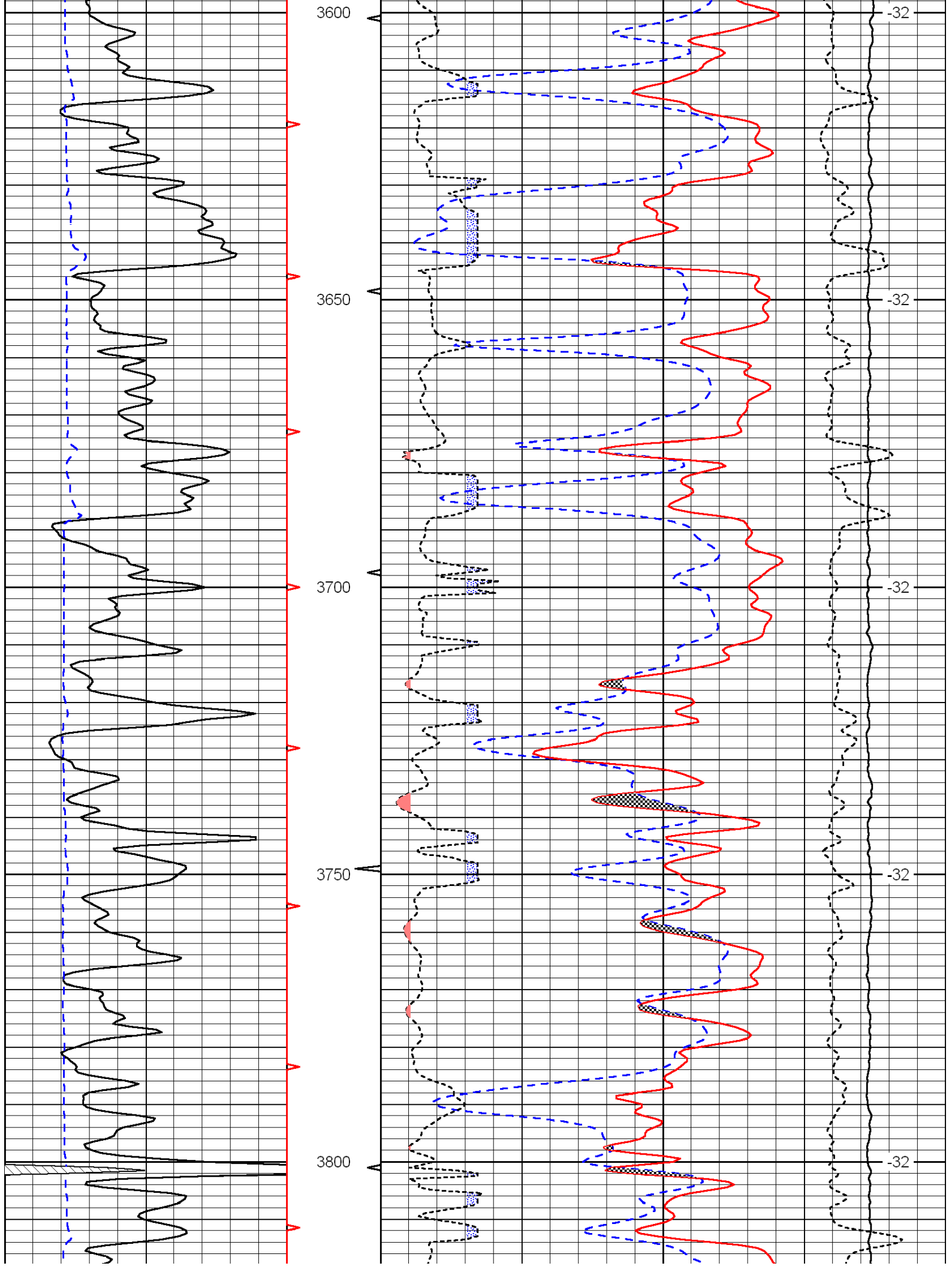
0	Gamma Ray	150
6	Caliper (GAPI)	16

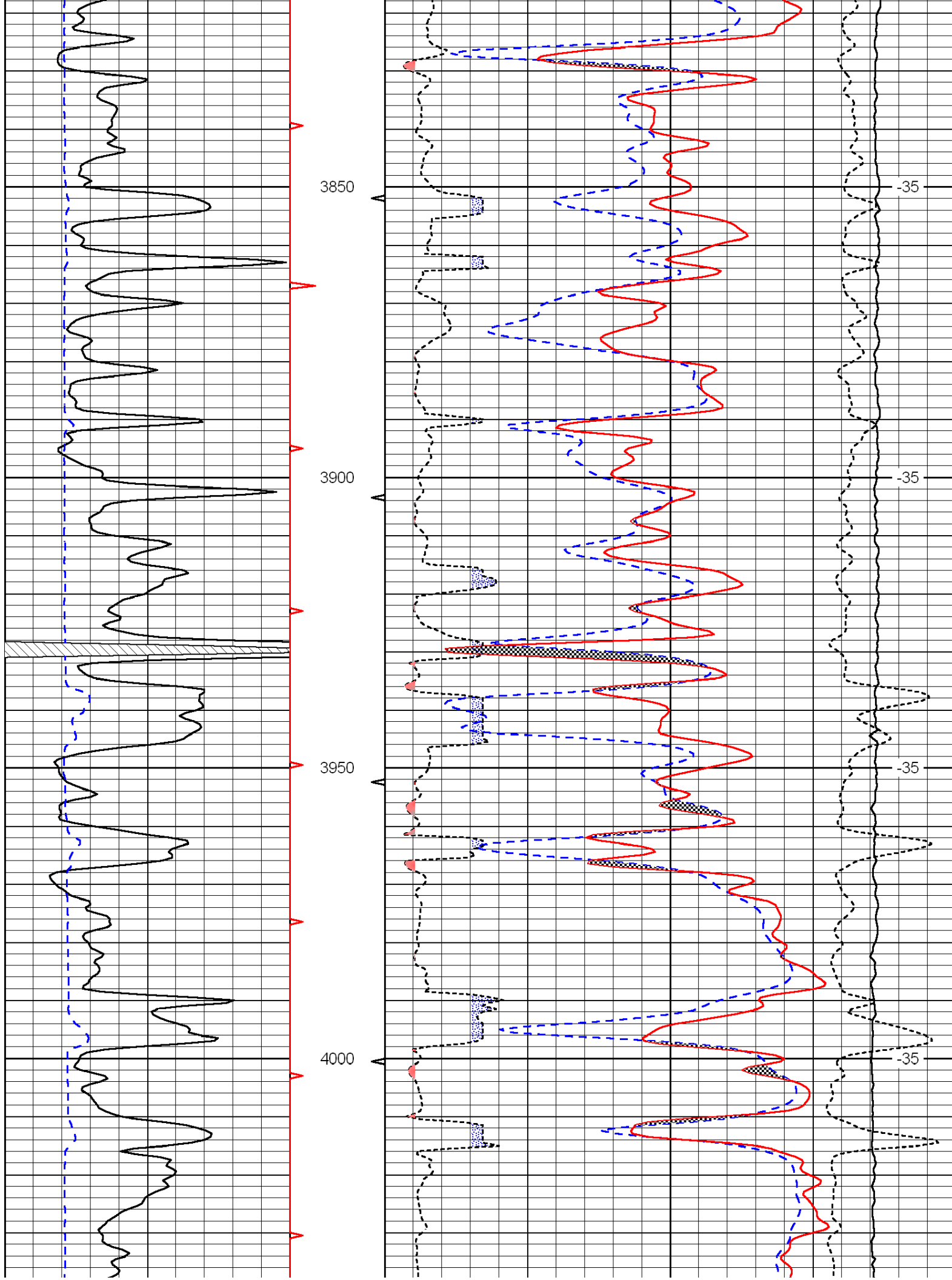
30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
Correction			0.25
LSPD			

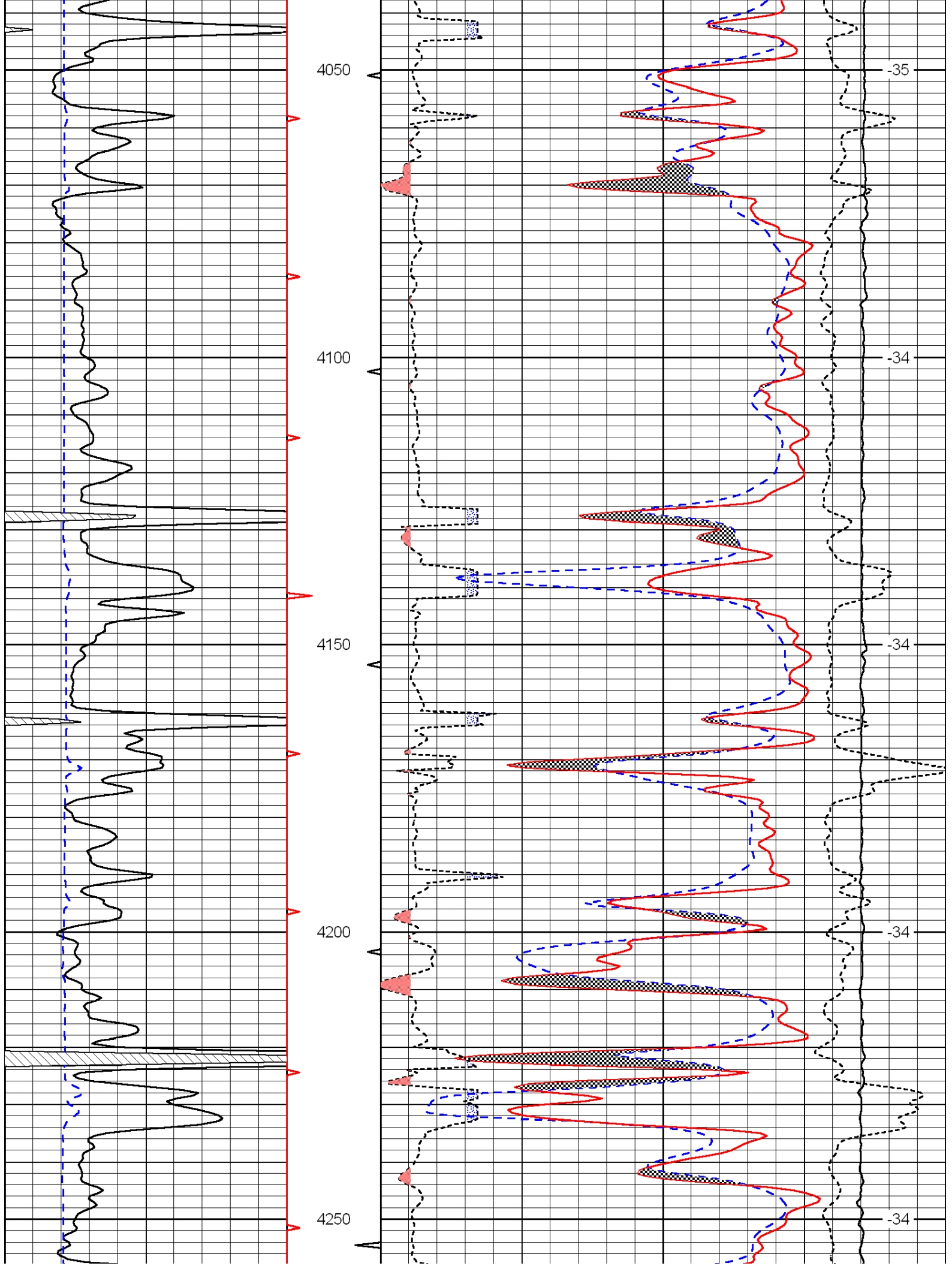


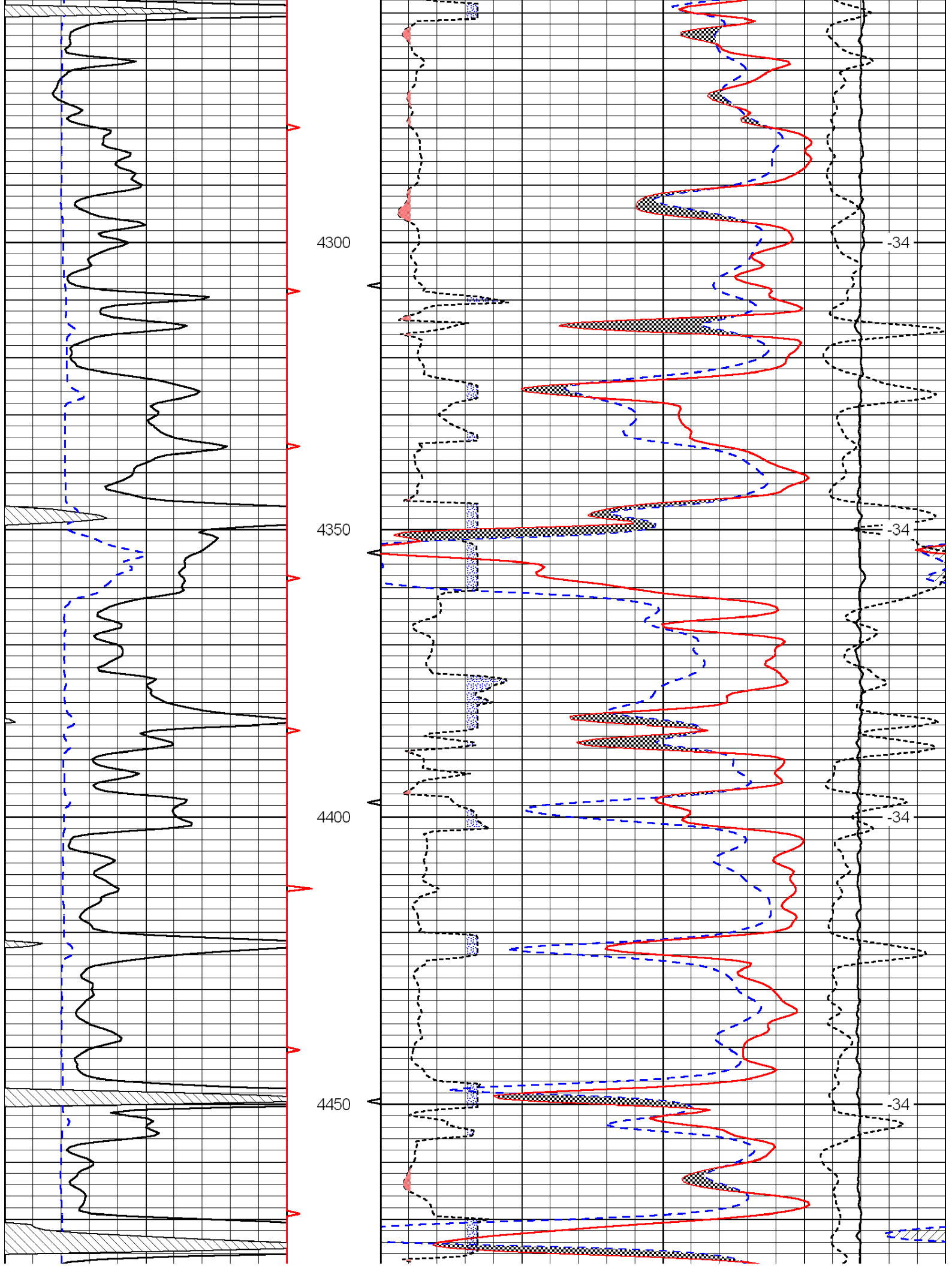


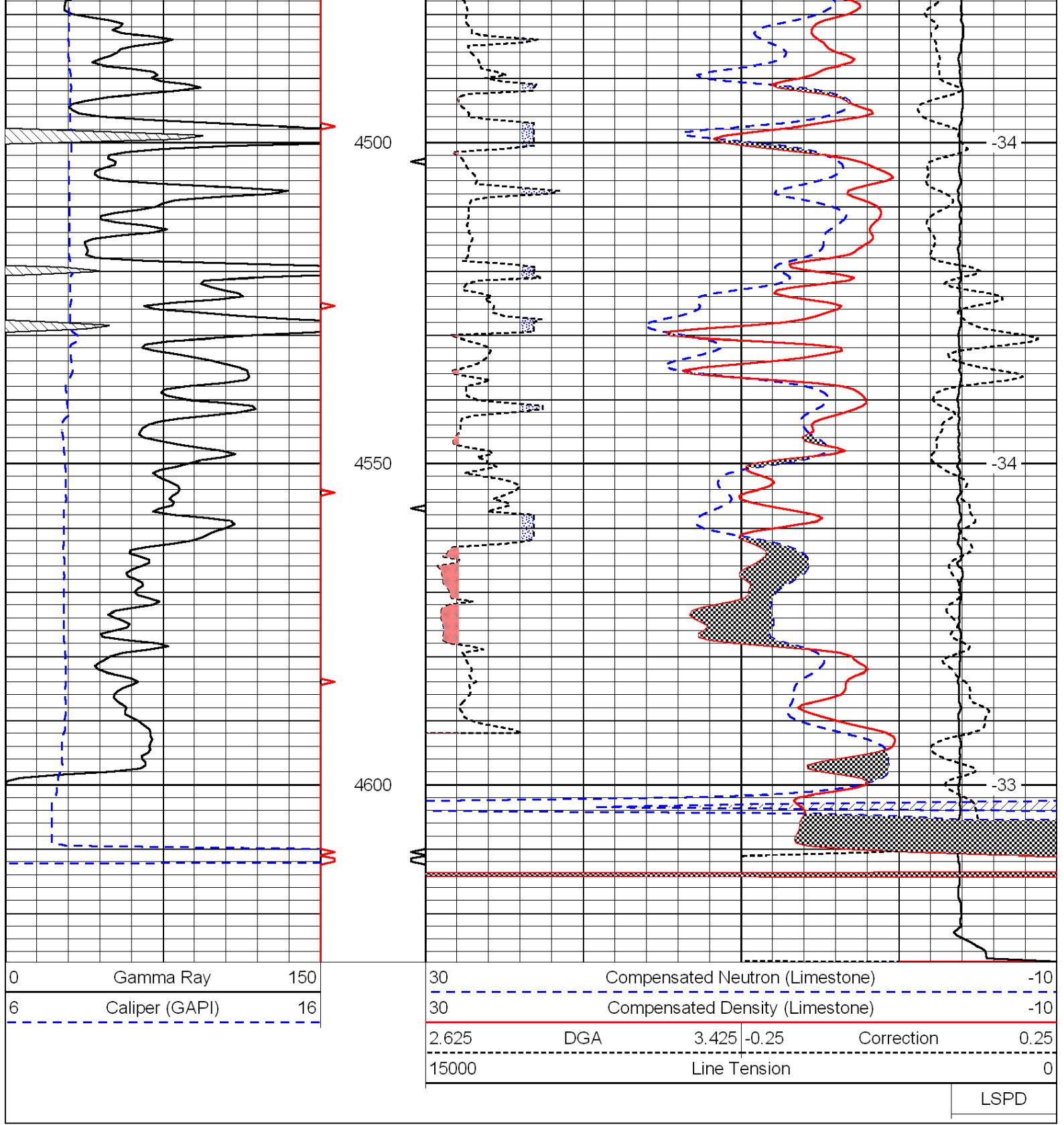












LSPD



DIGITAL LOG (785) 625-3858

Microresistivity Log

15-101-22349-00-00

API No. Company Credo Petroleum Corporation
 Well Foote #1-10
 Field Terwilliger West
 County Lane State Kansas

Location 1315' FNL / 520' FWL
 Other Services
 CNL / CDL
 DIL / BHCS

Sec: 10 Twp: 17S Rge: 29W
 Permanent Datum Ground Level Elevation 2809
 Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
 Drilling Measured From Kelly Bushing

Elevation
 K.B. 2814
 D.F.
 G.L. 2809

Date	2/6/2012
Run Number	Two
Depth Driller	4620
Depth Logger	4622
Bottom Logged Interval	4621
Top Log Interval	3500
Casing Driller	8.625 @ 266
Casing Logger	258
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	2200
Density / Viscosity	9.4 52
pH / Fluid Loss	10.0 7.2
Source of Sample	Flowline
Rm @ Meas. Temp	1.30 @ 55
Rmf @ Meas. Temp	0.98 @ 55
Rmc @ Meas. Temp	1.76 @ 55
Source of Rmf / Rmc	Charts
Rm @ BHT	0.59 @ 122
Operating Rig Time	5 Hours
Max Rec. Temp. F	122
Equipment Number	15
Location	Hays
Recorded By	R. Barnhart
Witnessed By	Bruce Ard

<<< 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

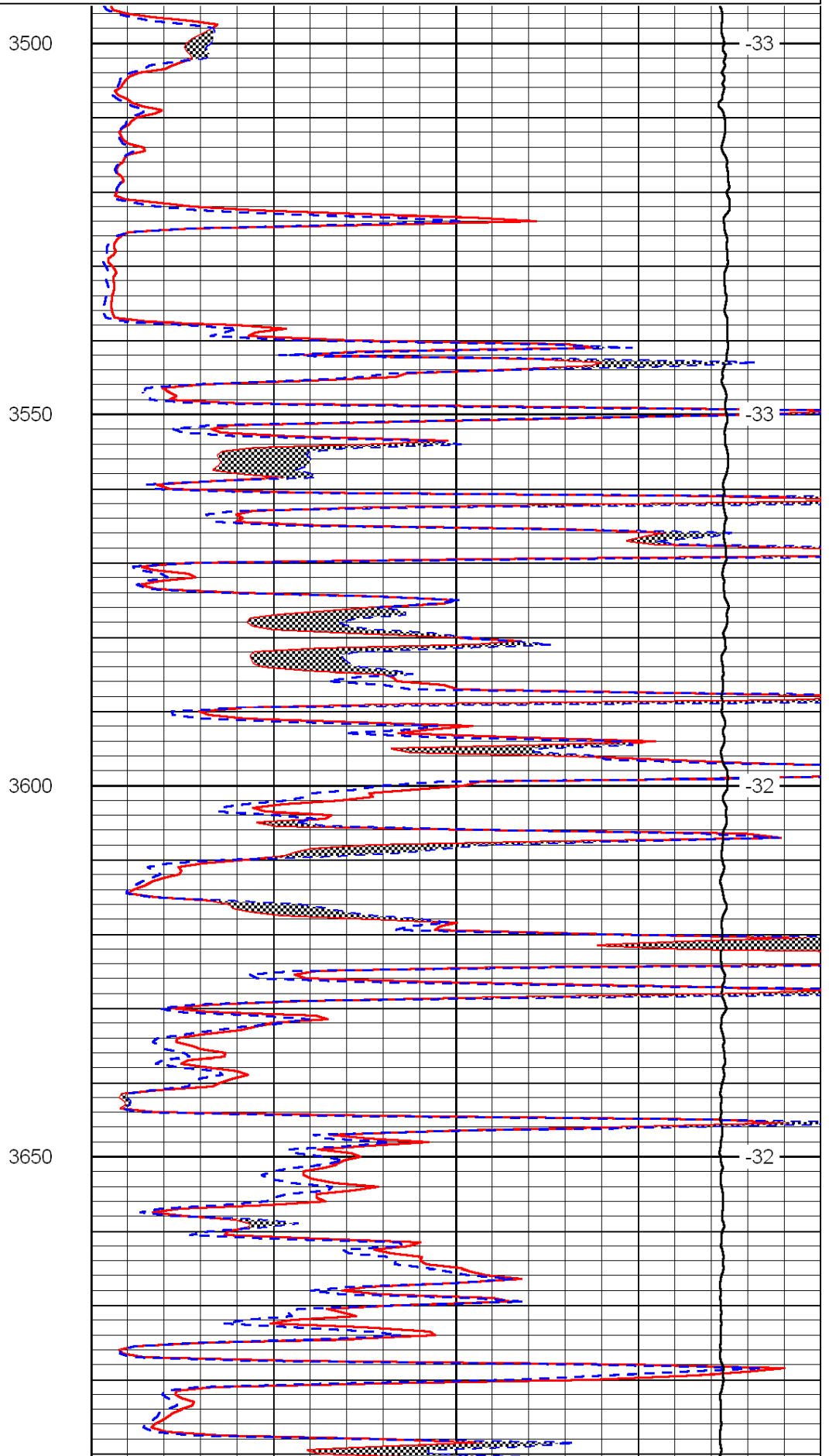
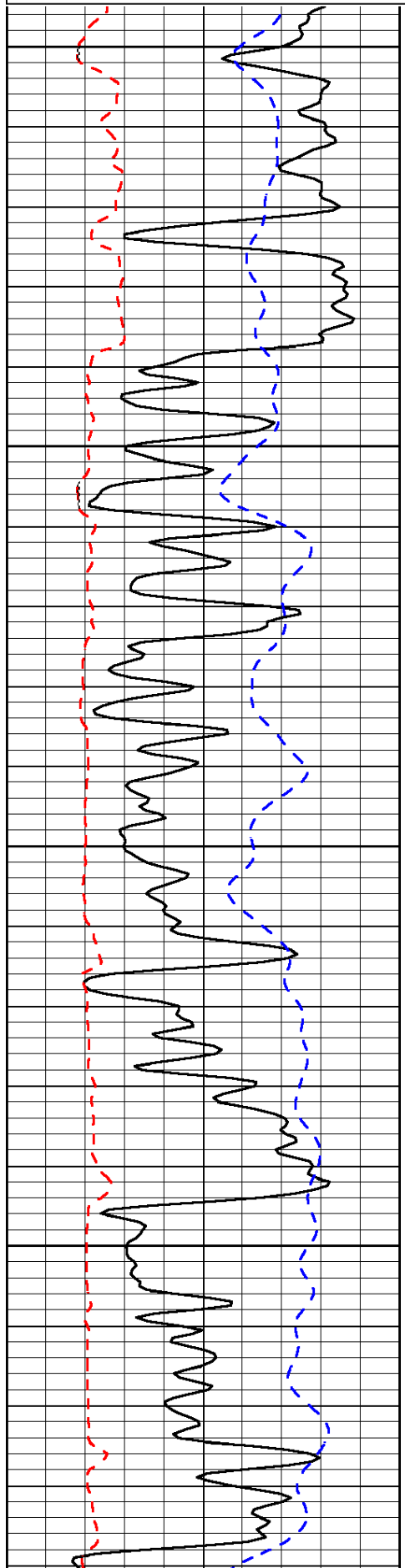
Healy, KS:
 5E to Ike Rd., 1 1/4S, E into

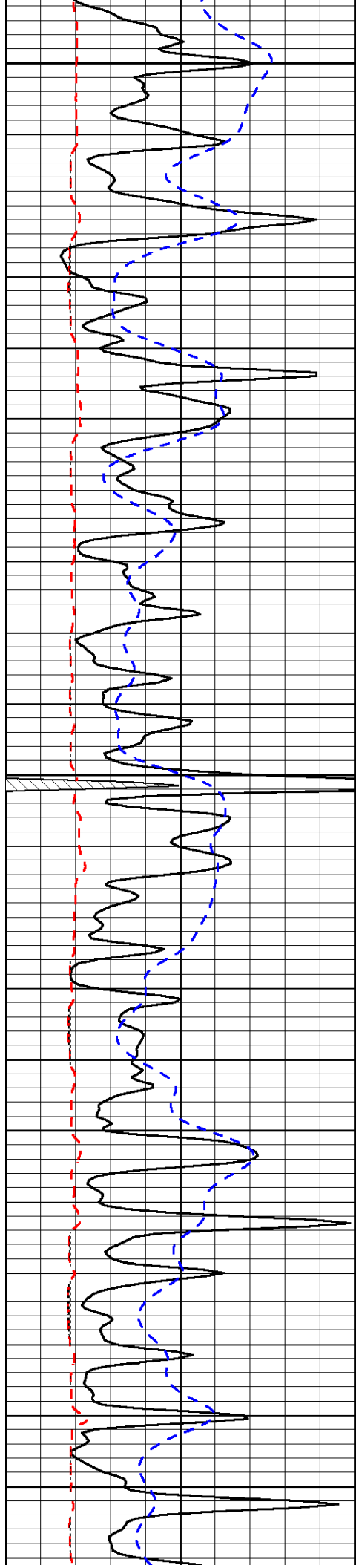
Database File: c:\warrior\data\credo_foote #1-10\credohd.db
 Dataset Pathname: dil/cremain
 Presentation Format: micro
 Dataset Creation: Tue Feb 07 00:36:29 2012
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
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





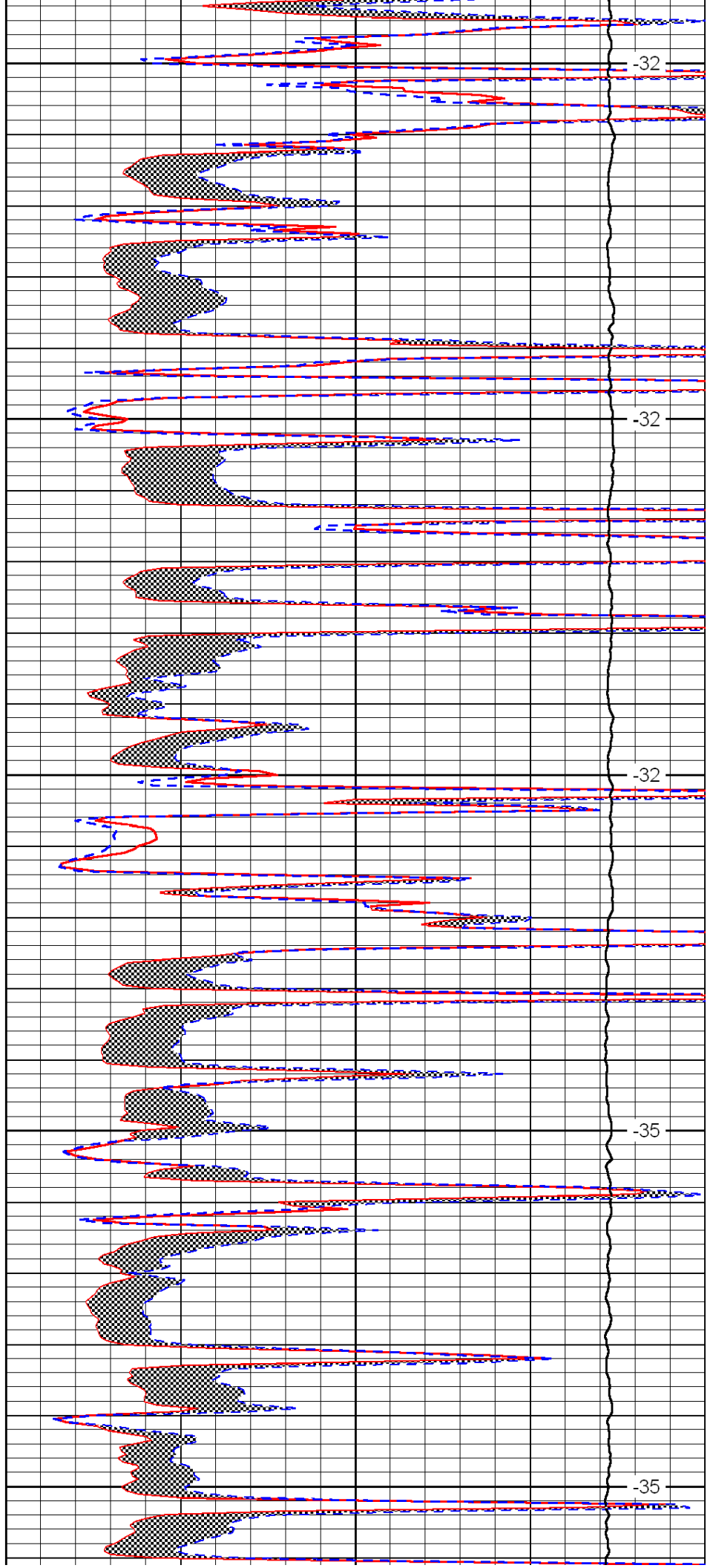
3700

3750

3800

3850

3900



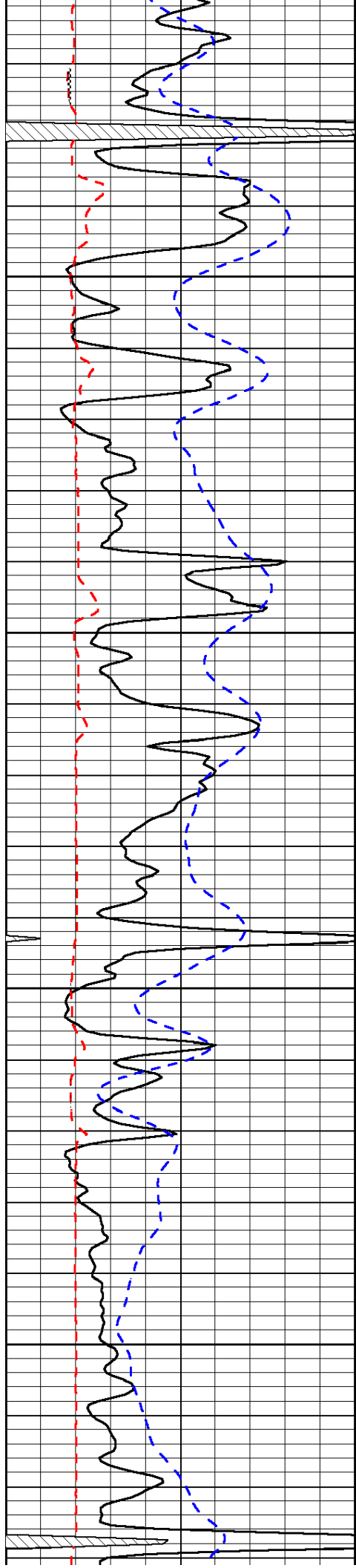
-32

-32

-32

-35

-35

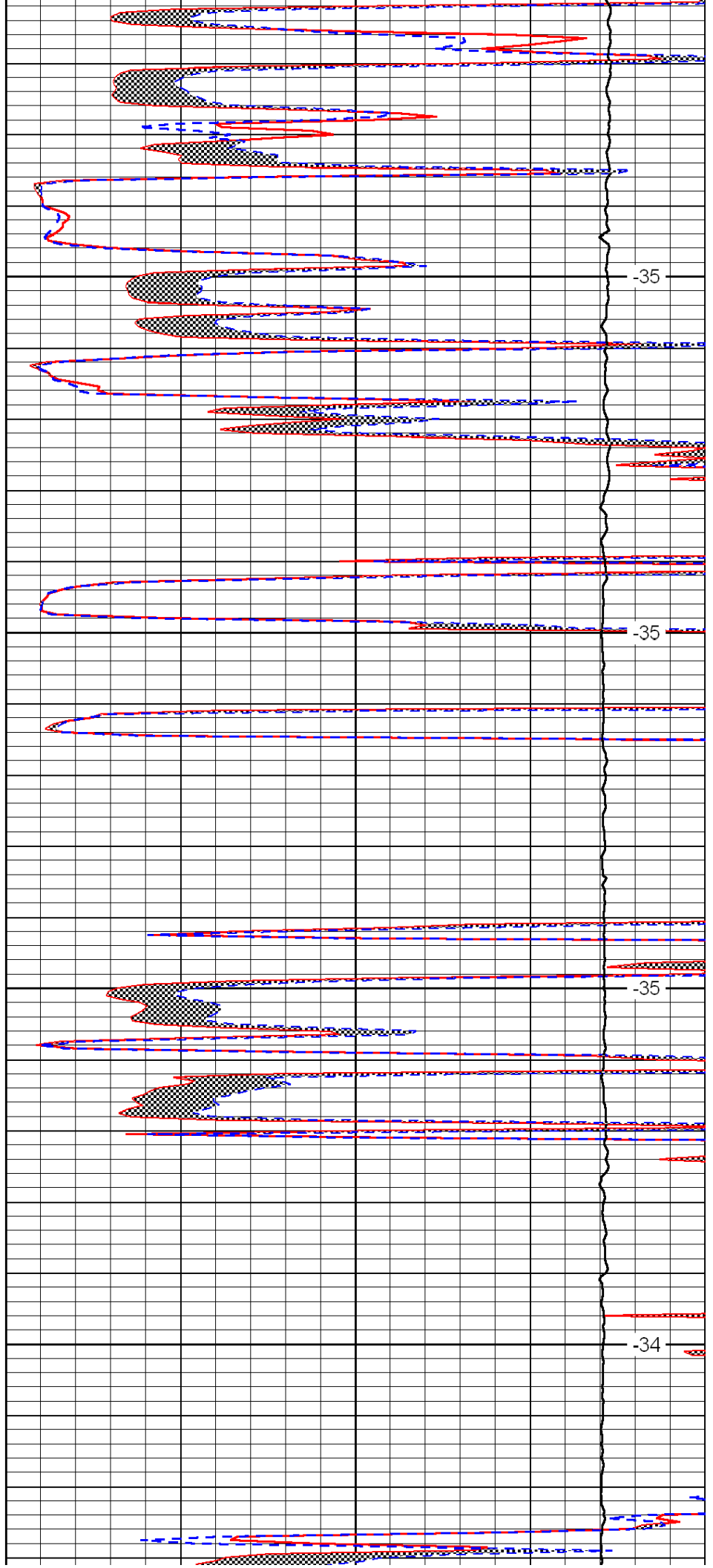


3950

4000

4050

4100

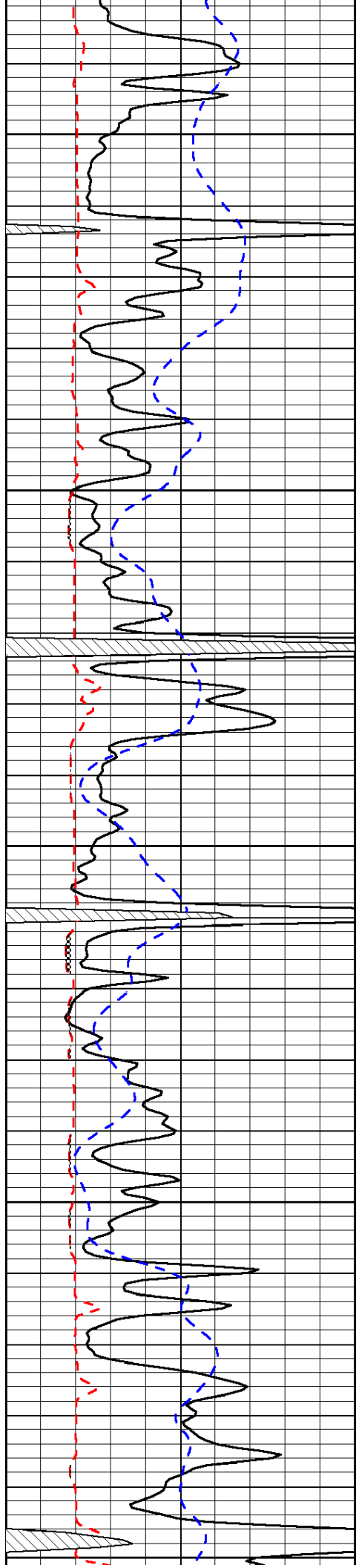


-35

-35

-35

-34



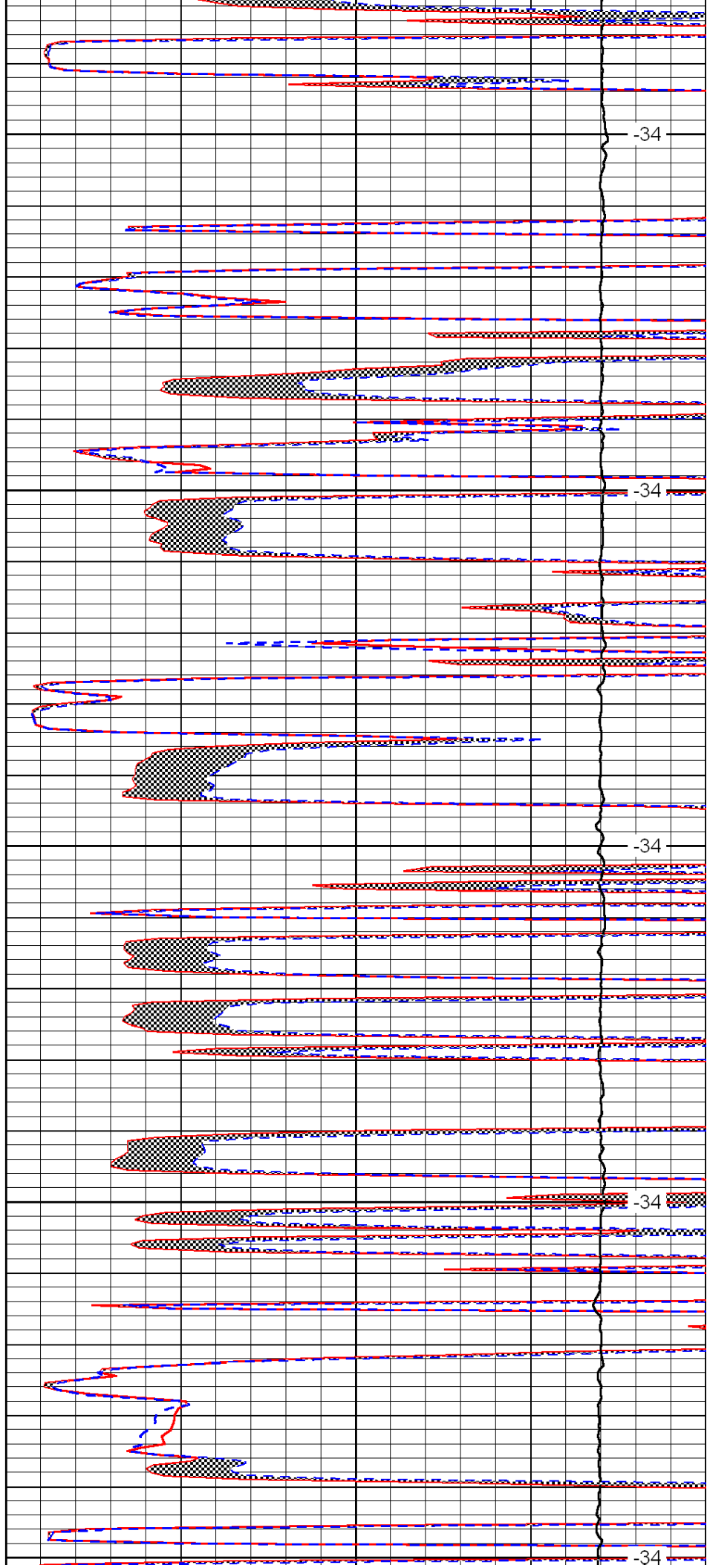
4150

4200

4250

4300

4350



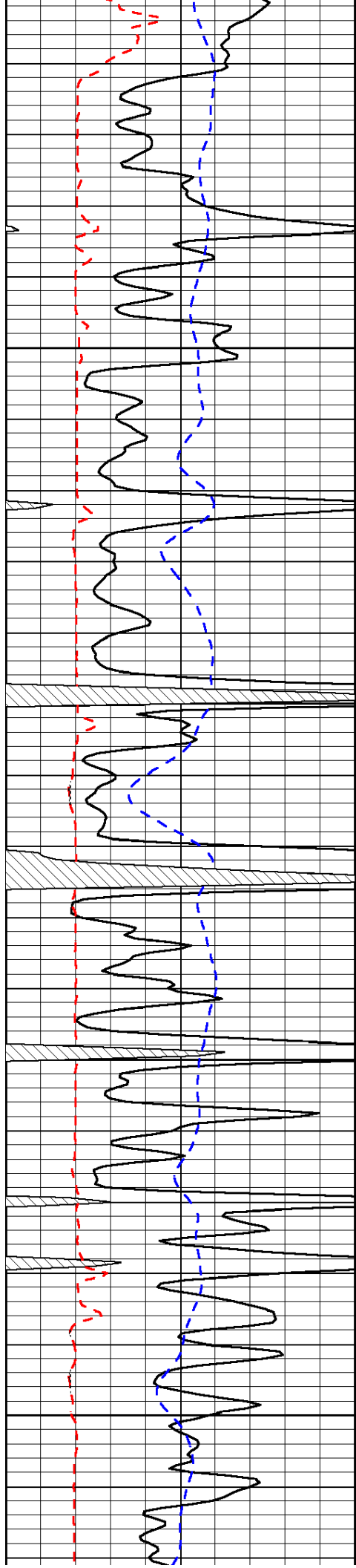
-34

-34

-34

-34

-34

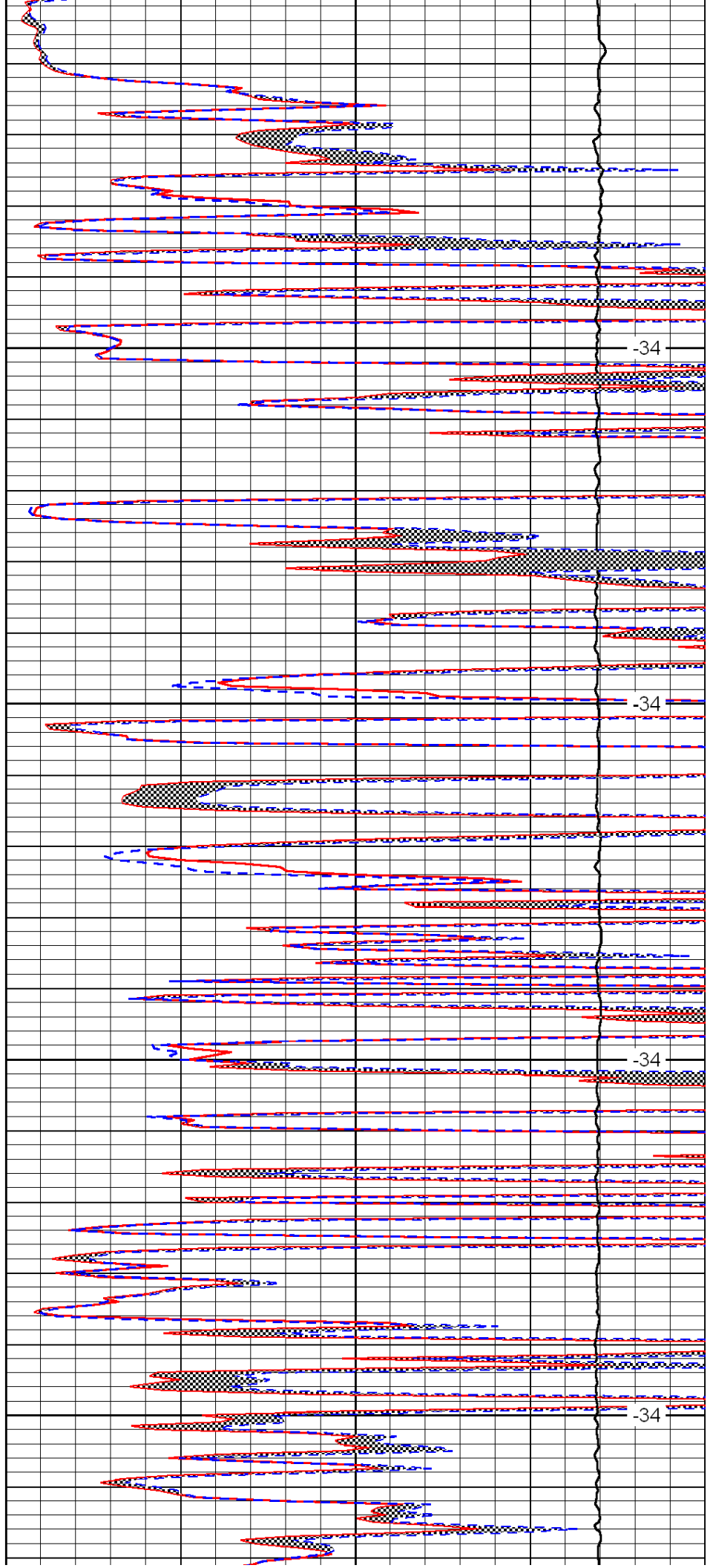


4400

4450

4500

4550

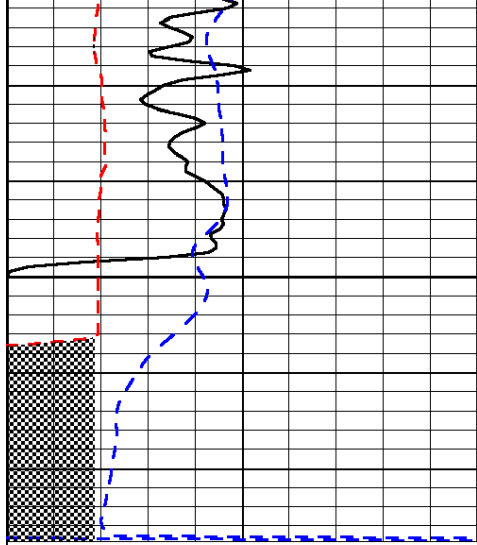


-34

-34

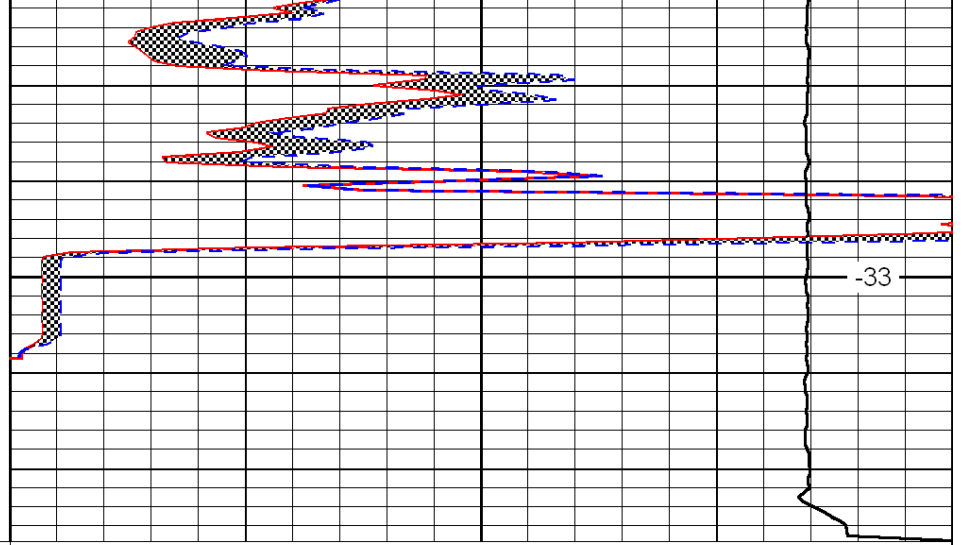
-34

-34



0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

4600



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

-33

LSPD



**Borehole Compensated
Sonic Log**

DIGITAL LOG (785) 625-3858

API No. 15-101-22349-00-00

Company **Credo Petroleum Corporation**
 Well **Footo #1-10**
 Field **Terwilliger West**
 County **Lane** State **Kansas**

Location **1315' FNL / 520' FWL**

Sec: **10** Twp: **17S** Rge: **29W**

Other Services
CNL / CDL
MEL / DIL

Permanent Datum **Ground Level** Elevation **2809**
 Log Measured From **Kelly Bushing** **5** Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

Elevation
K.B. 2814
D.F.
G.L. 2809

Date	2/6/2012	
Run Number	Two	
Type Log	BHC Sonic	
Depth Driller	4620	
Depth Logger	4622	
Bottom Logged Interval	4611	
Top Logged Interval	250	
Type Fluid In Hole	Chemical	
Salinity, PPM CL	2200	
Density	9.4	
Level	Full	
Max. Rec. Temp. F	122	
Operating Rig Time	5 Hours	
Equipment -- Location	15 Days	
Recorded By	R. Barnhart	
Witnessed By	Bruce Ard	

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	266	8.625	24#	00	266
2	7.875	266	4620				

<<< Fold Here >>>

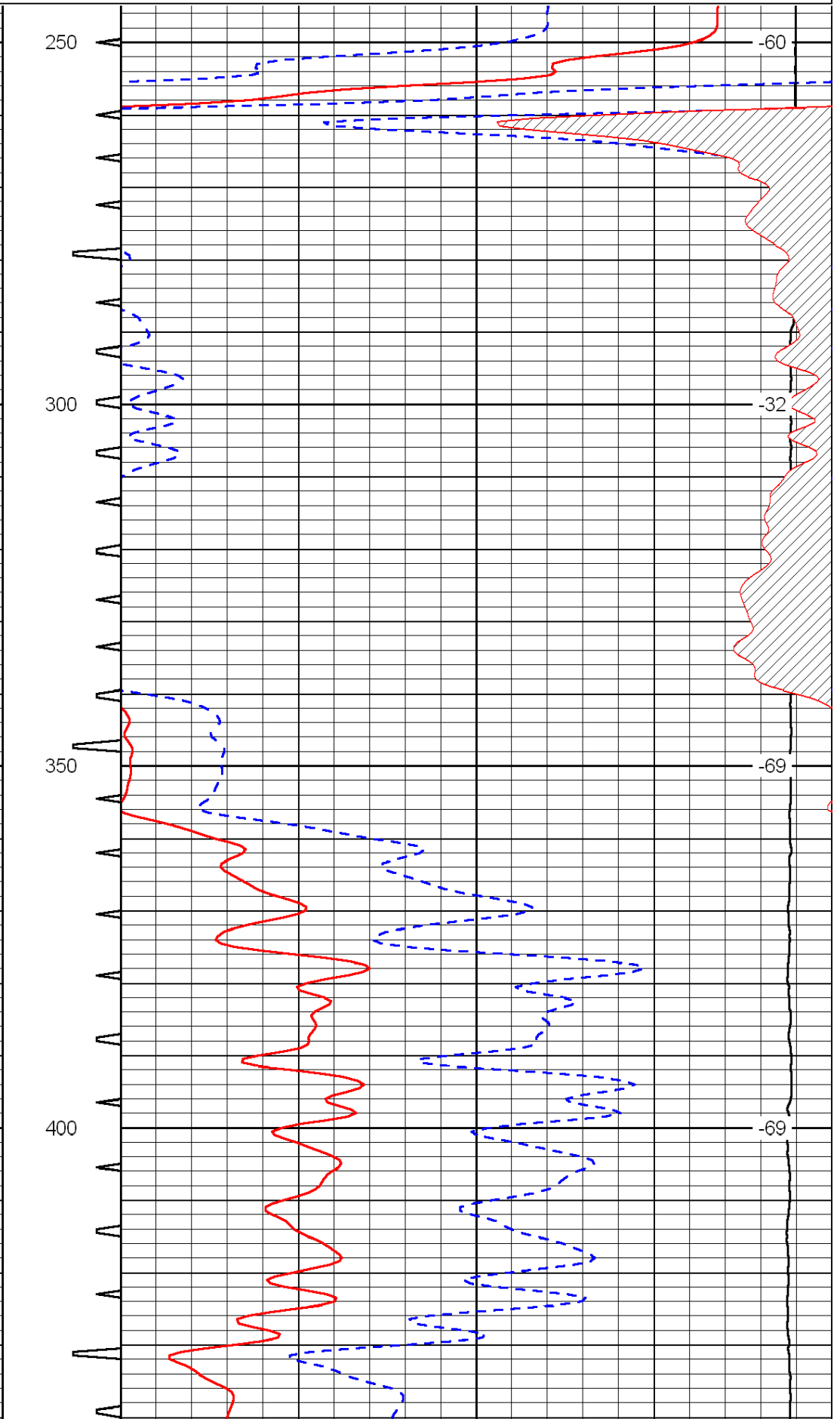
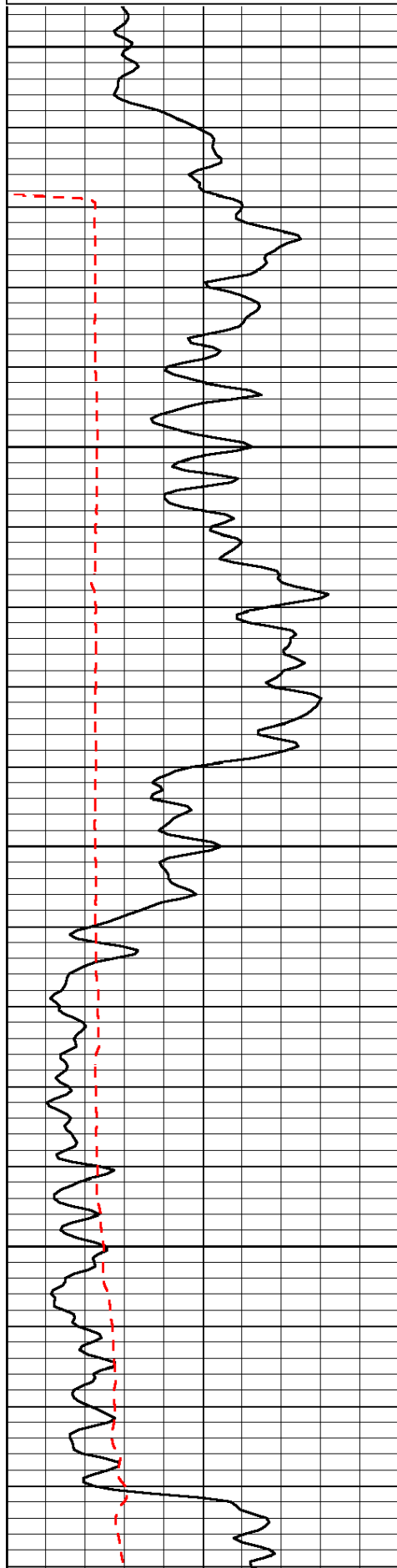
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

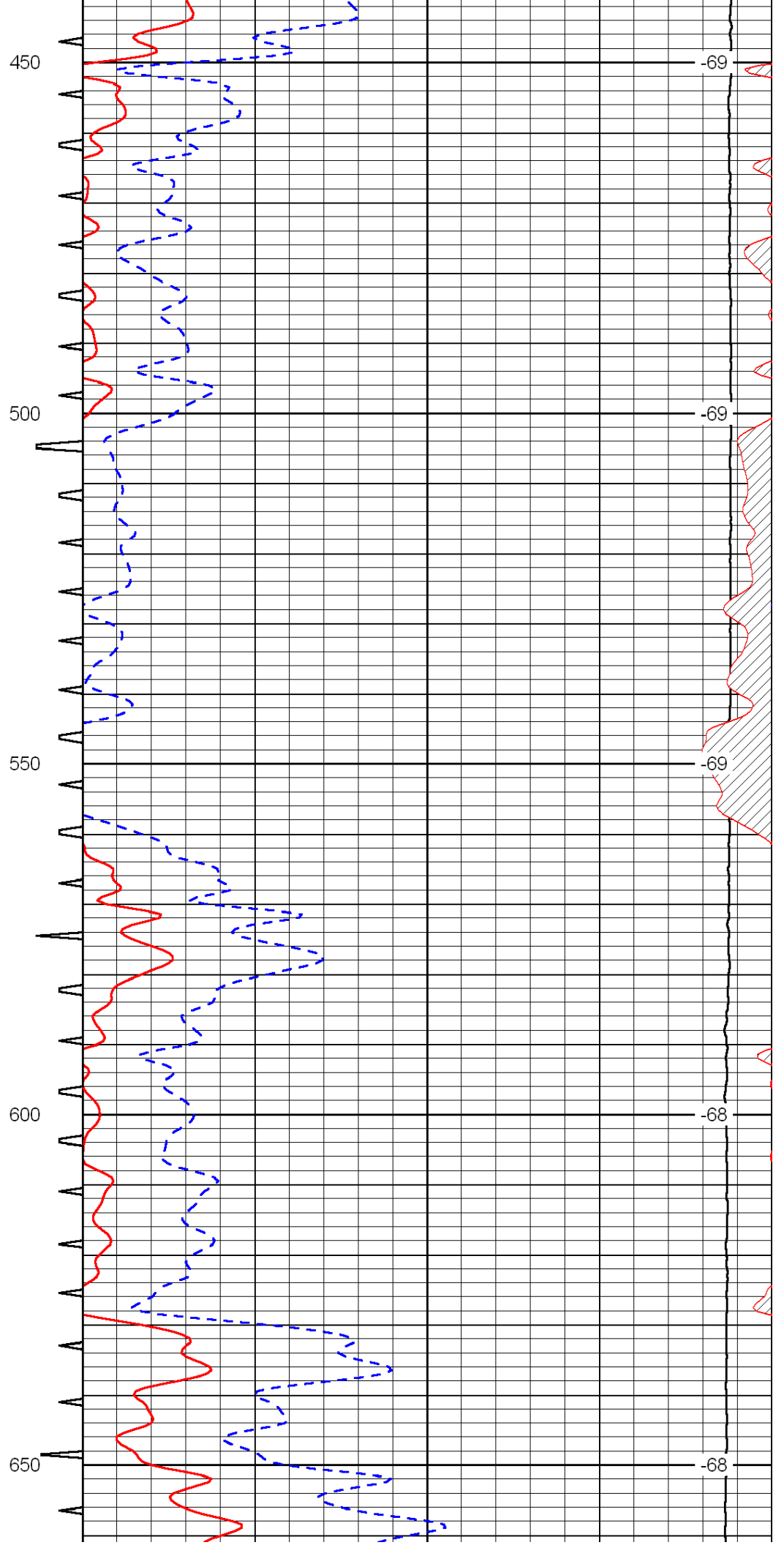
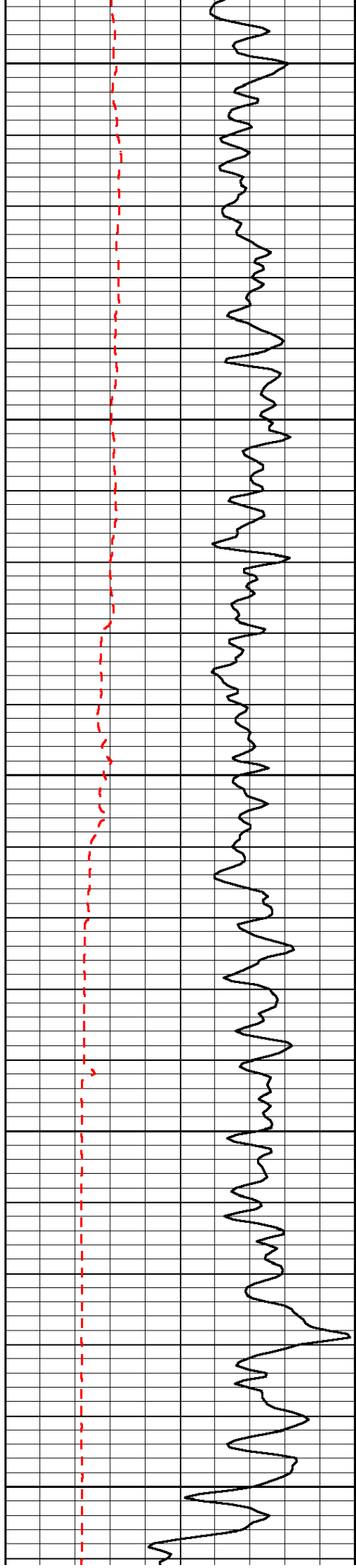
Comments

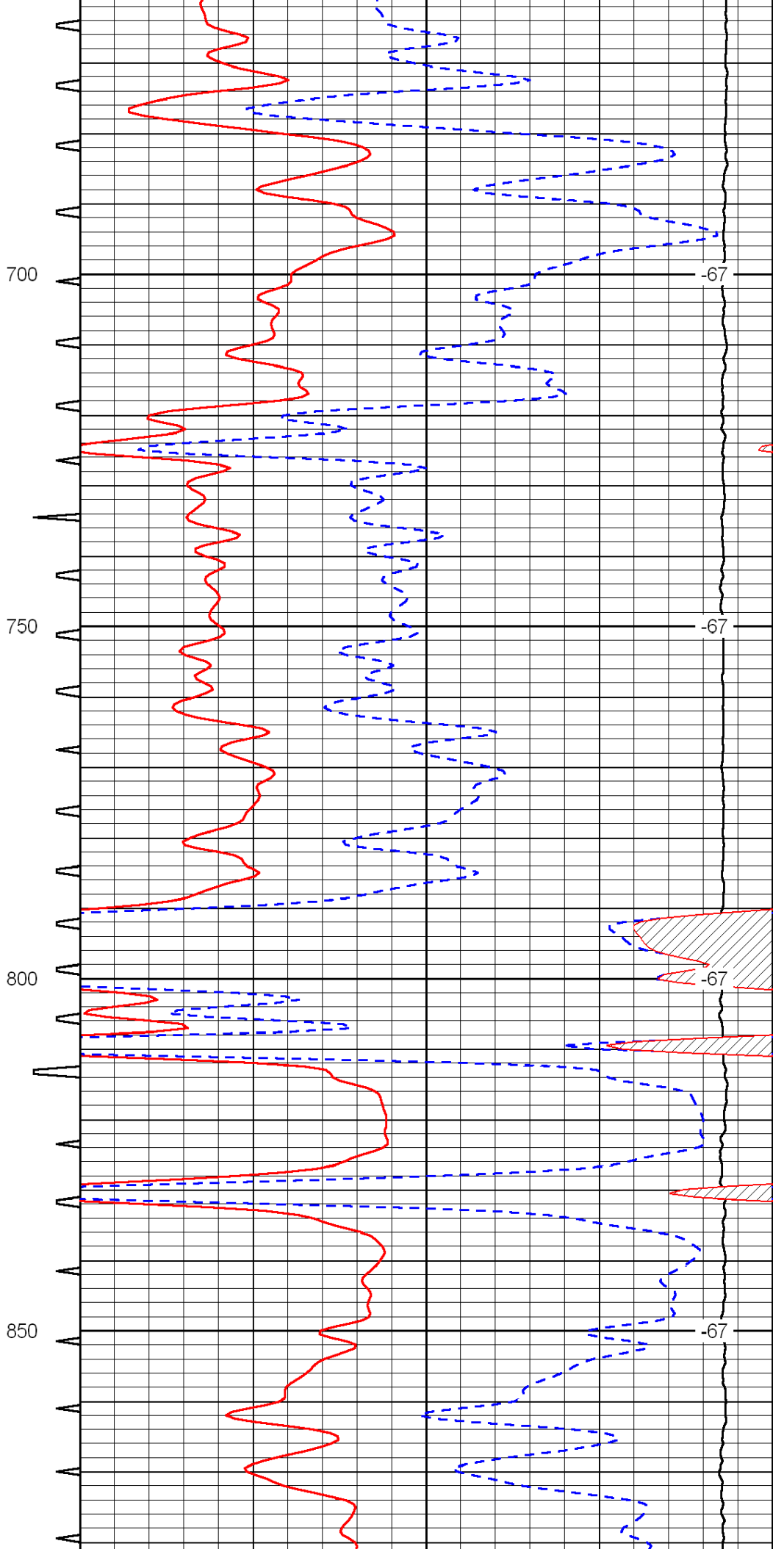
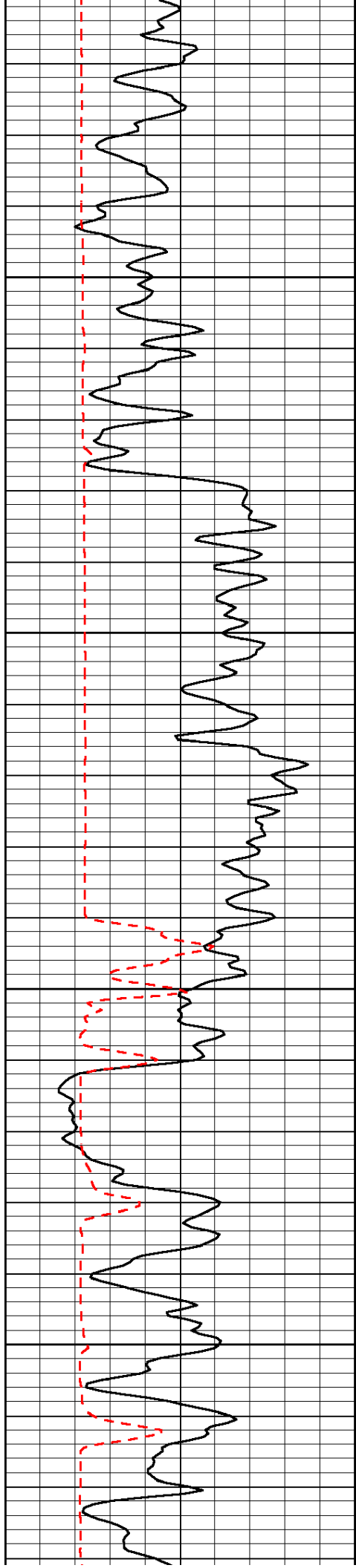
Thank you for using Log-Tech, Inc.
 (785) 625-3858

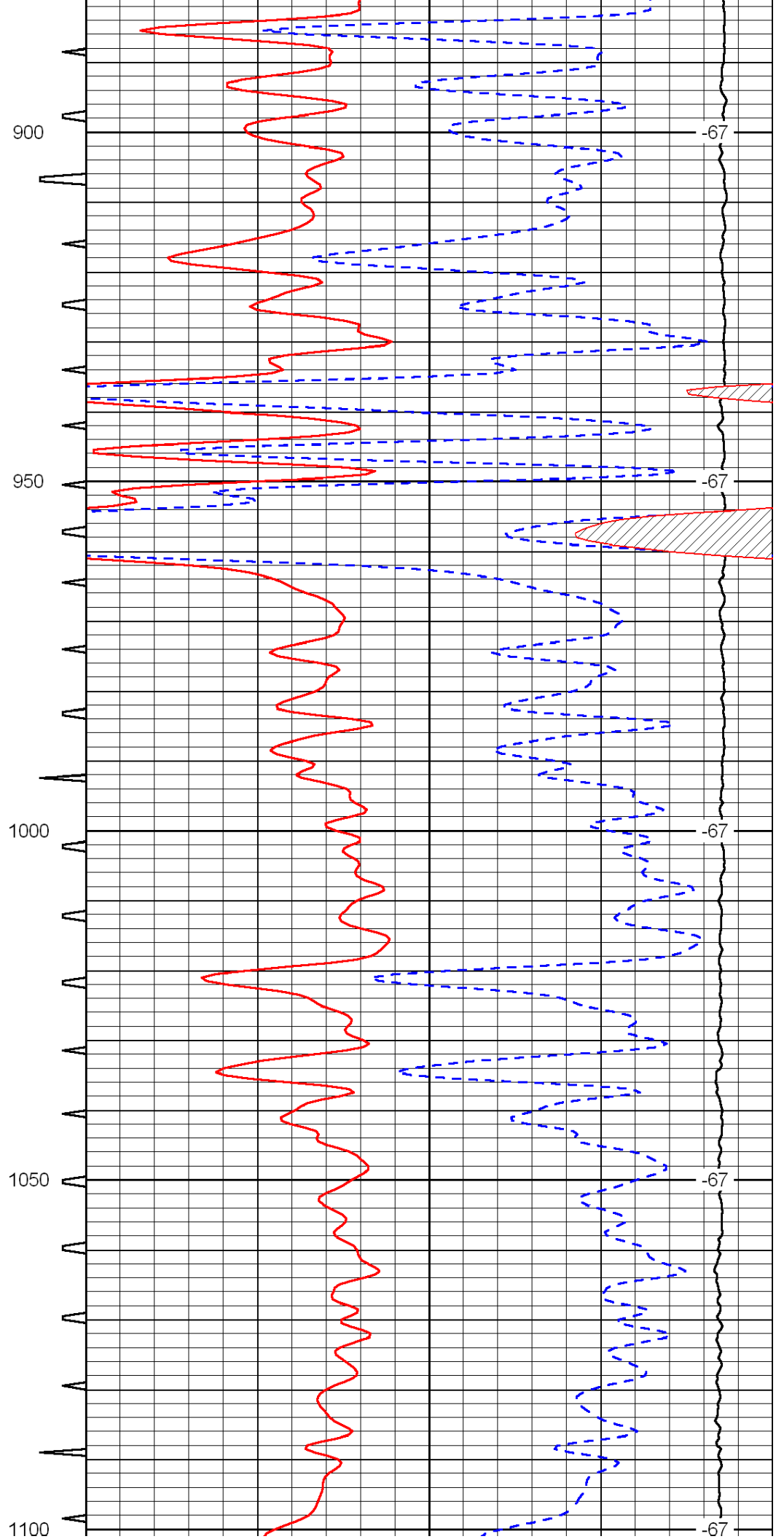
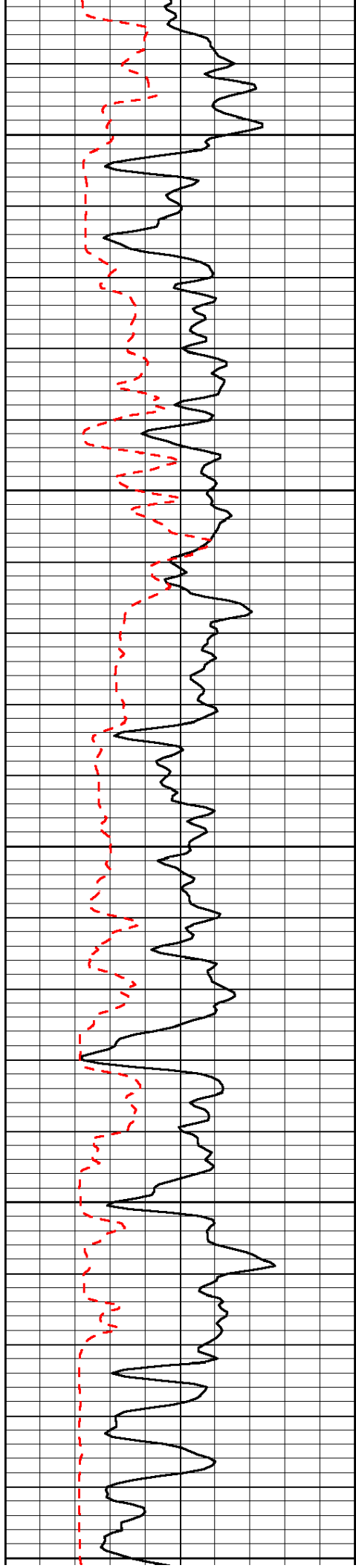
 Healy, KS:
 5E to Ike Rd., 1 1/4S, E into

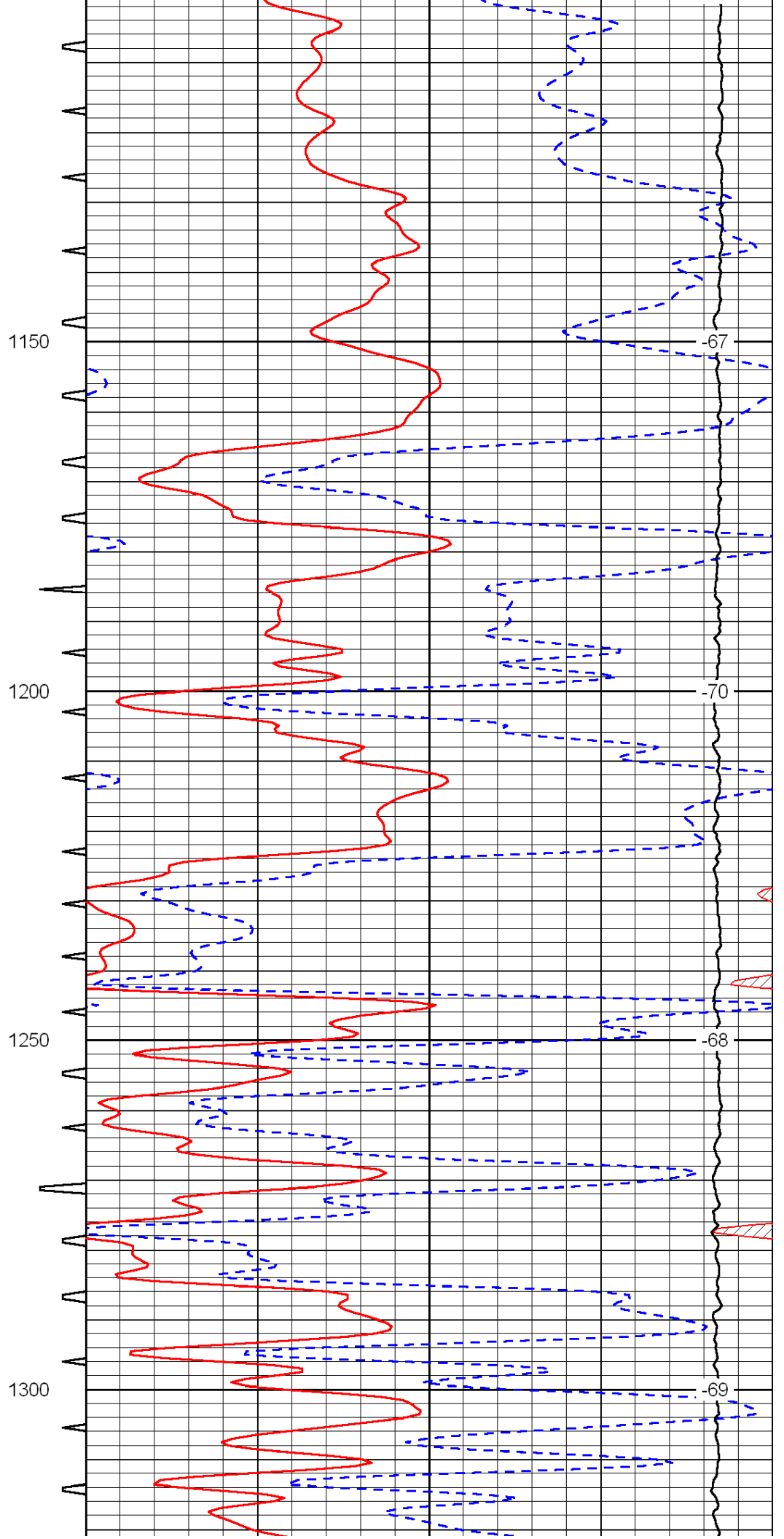
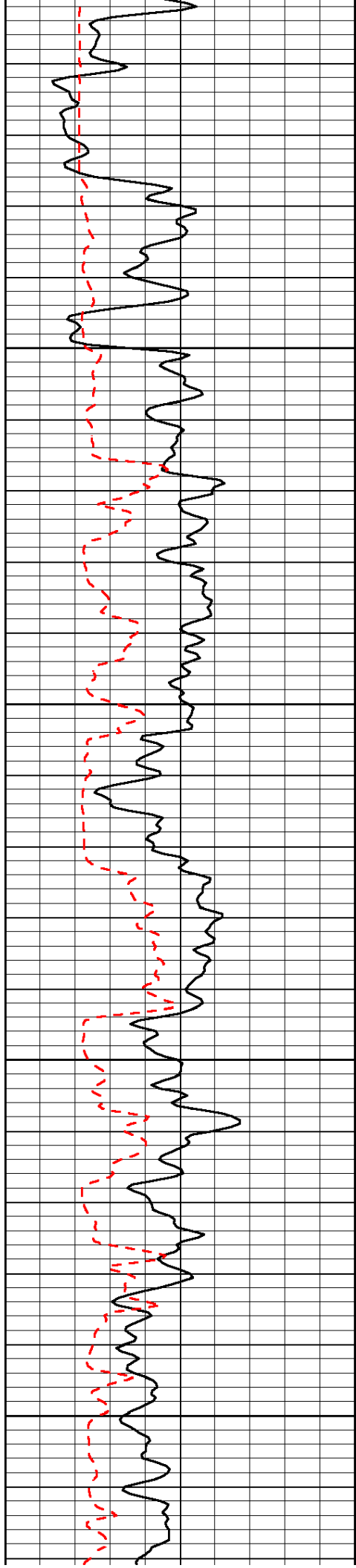
0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft)	40
150	Gamma Ray	300	5	0	SPOR	-10
6	Caliper (GAPI)	16		15000	LTEN (lb)	0

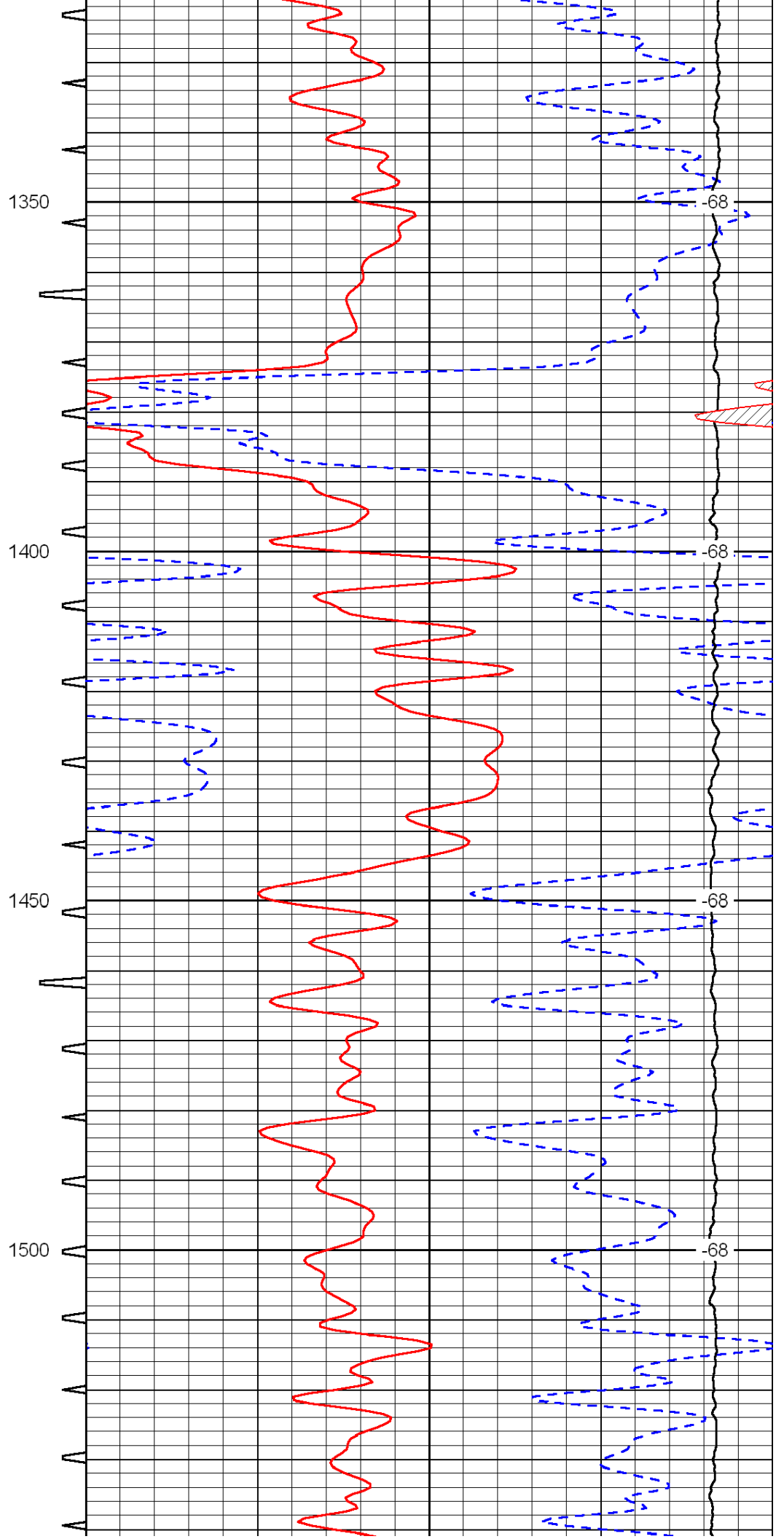
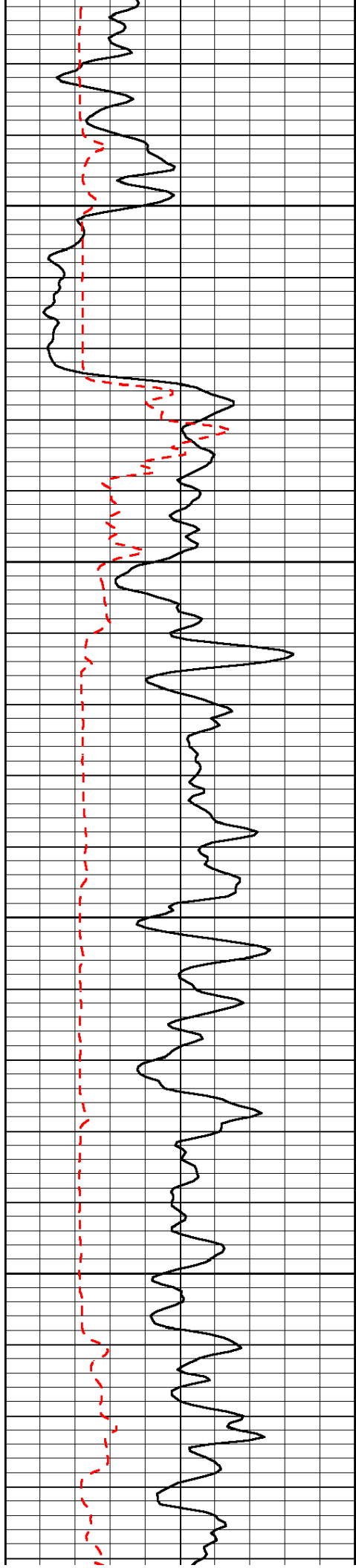


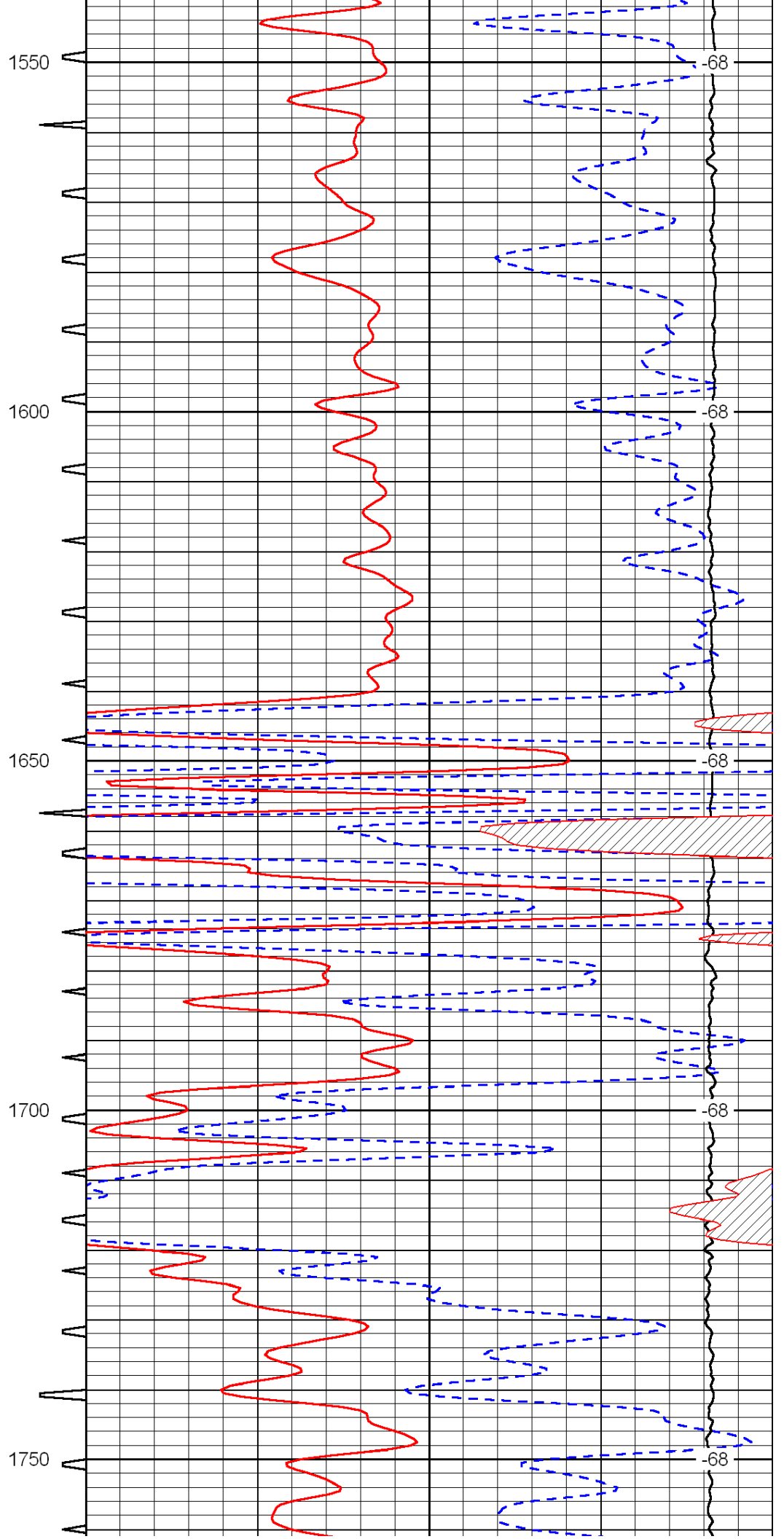
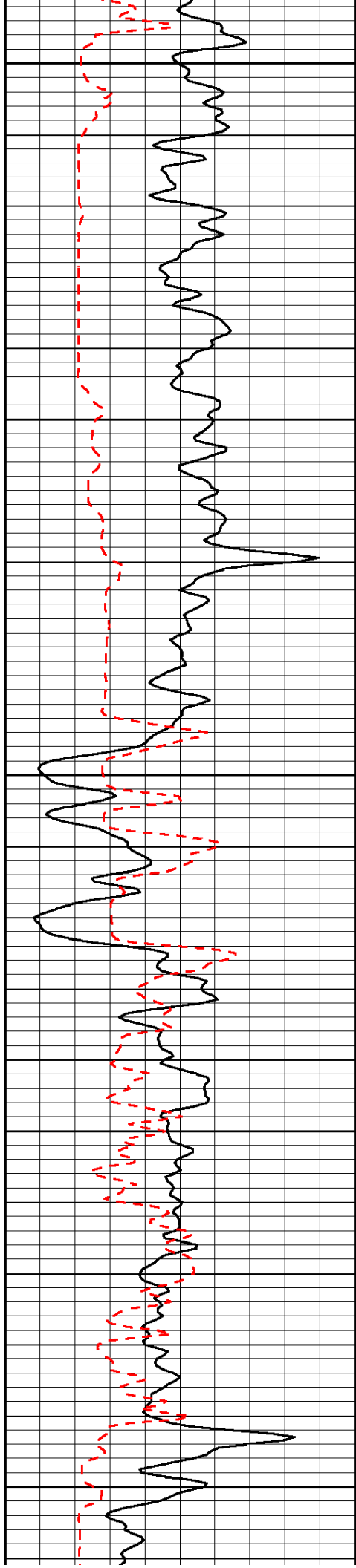


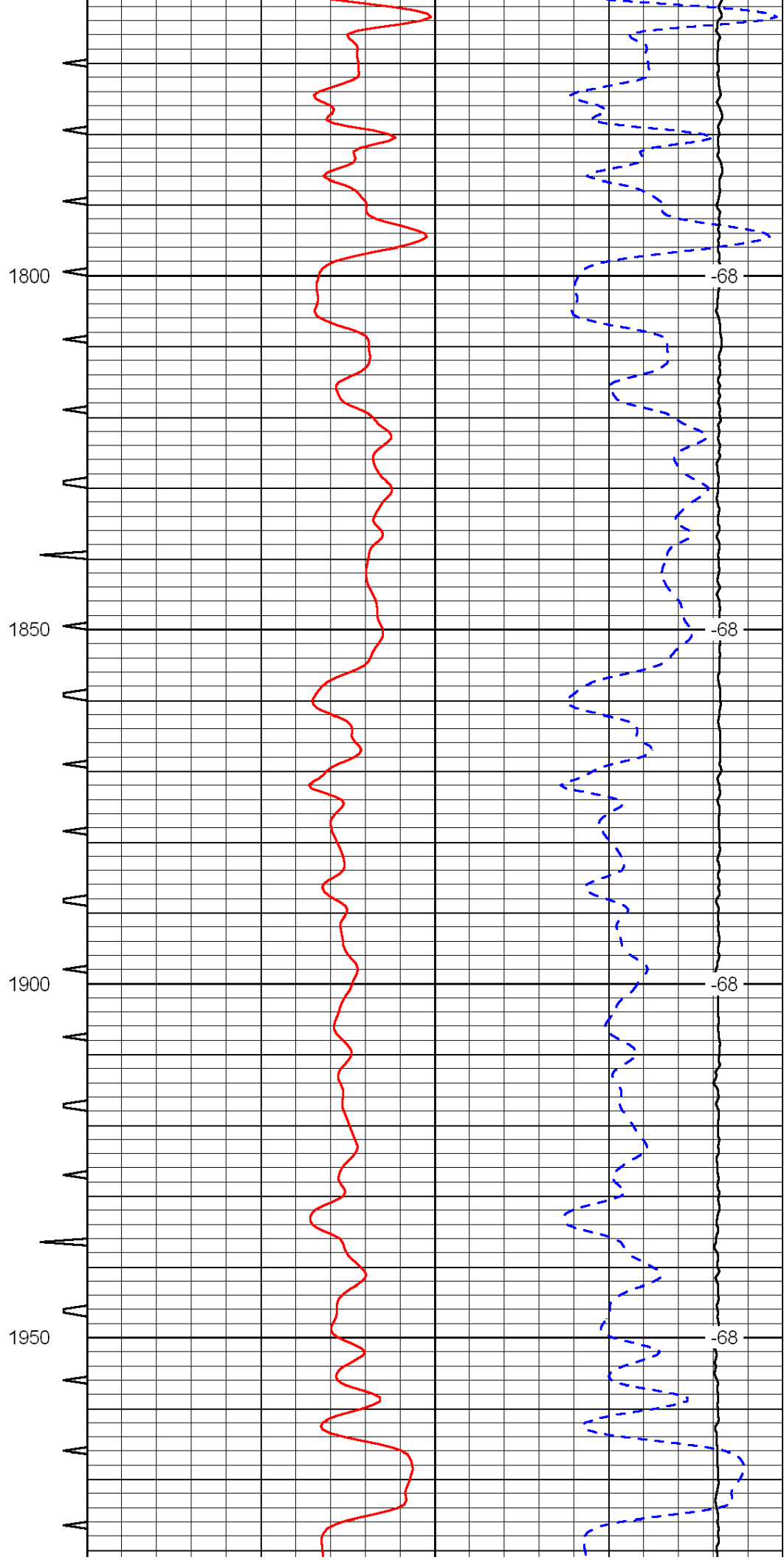
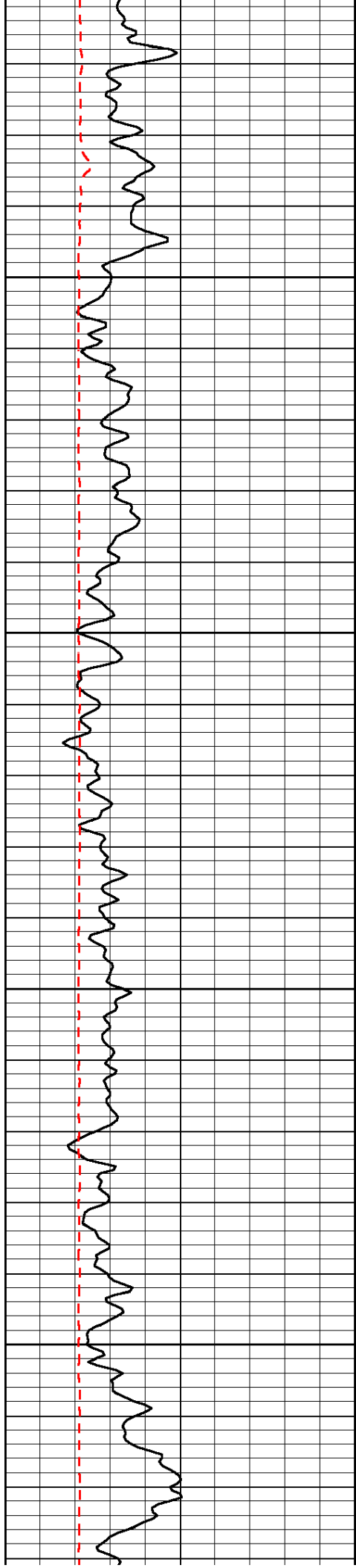


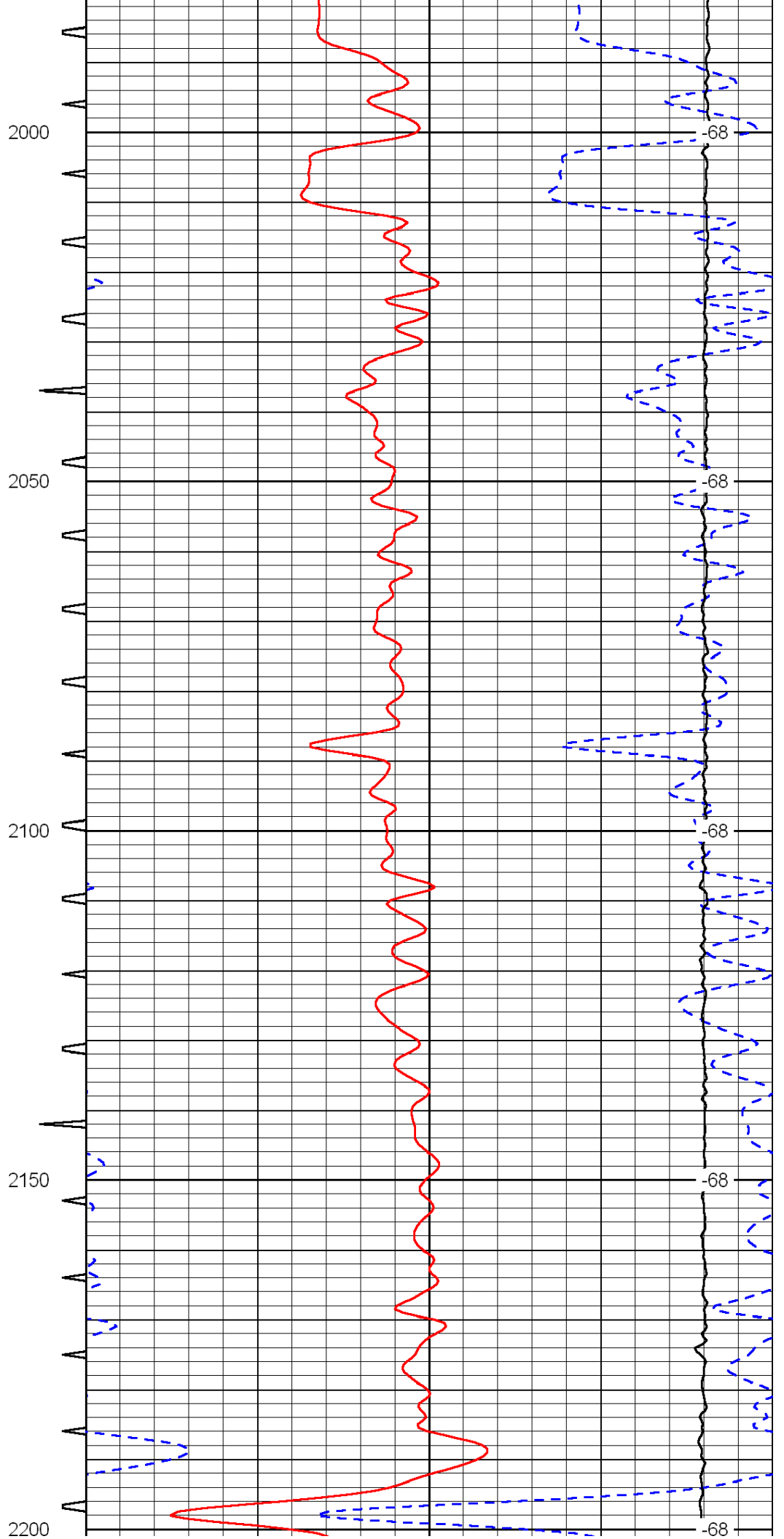
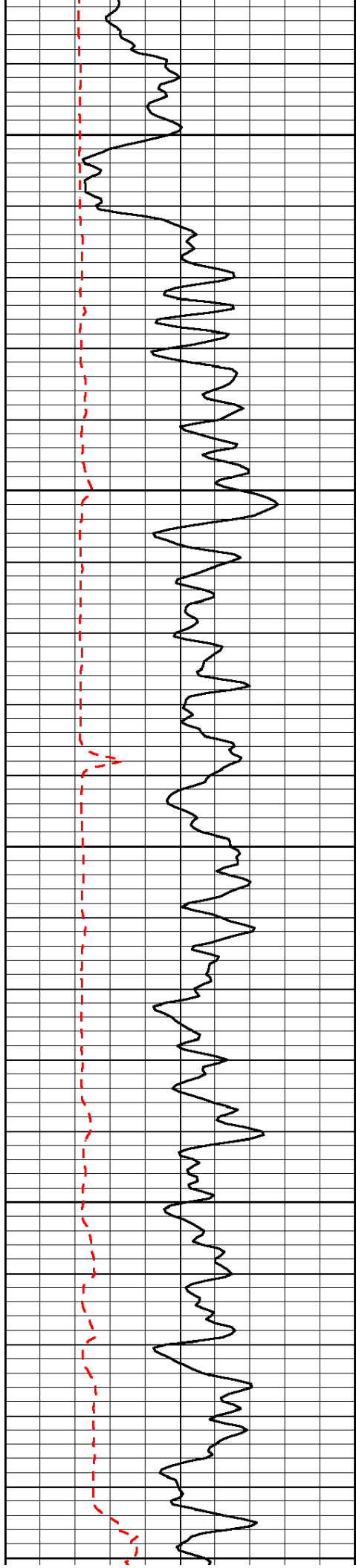


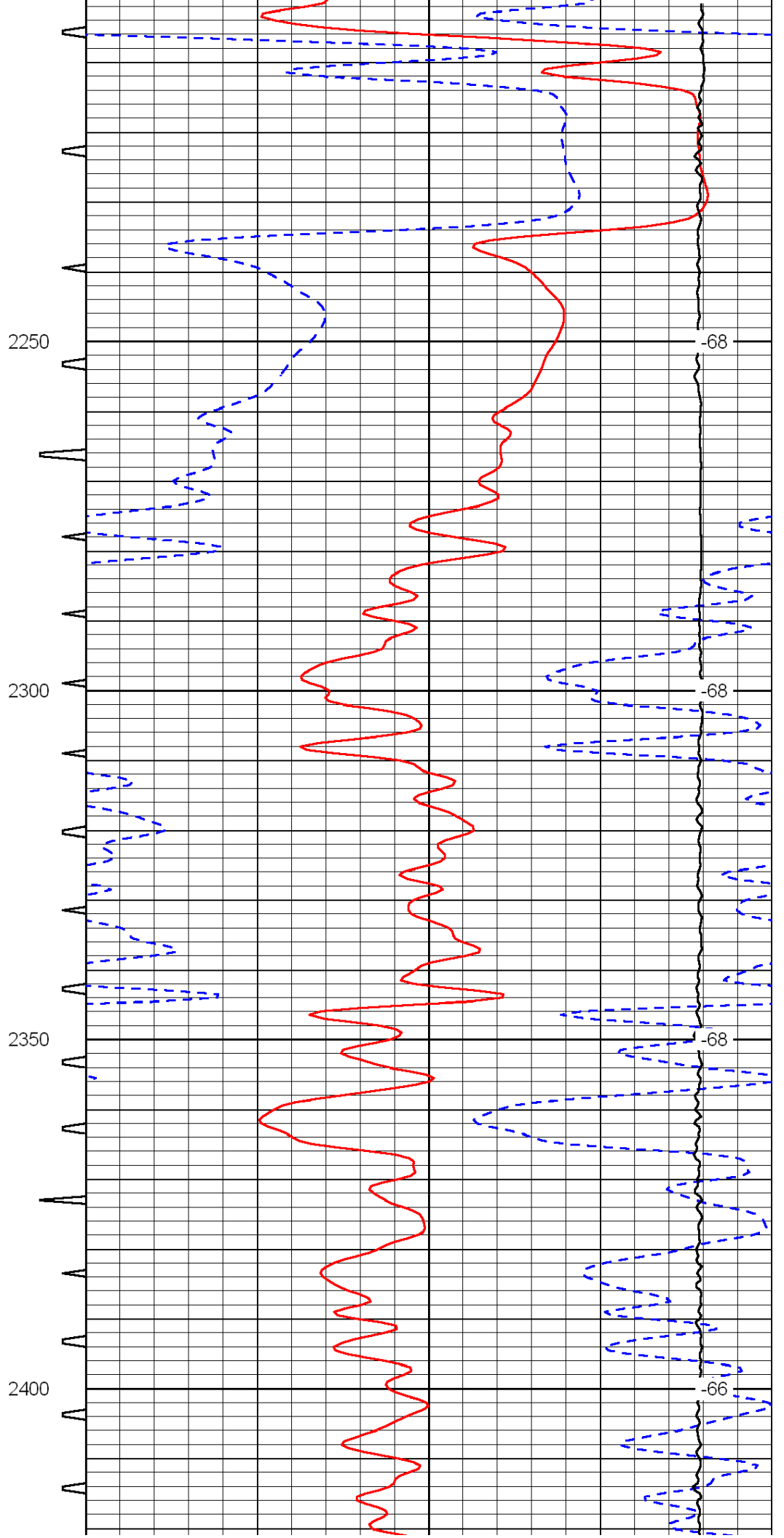
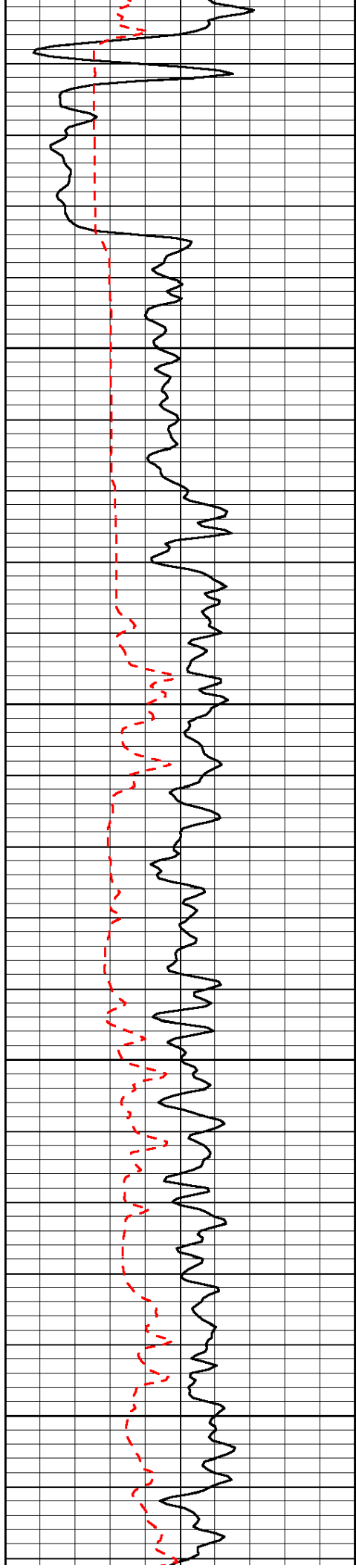


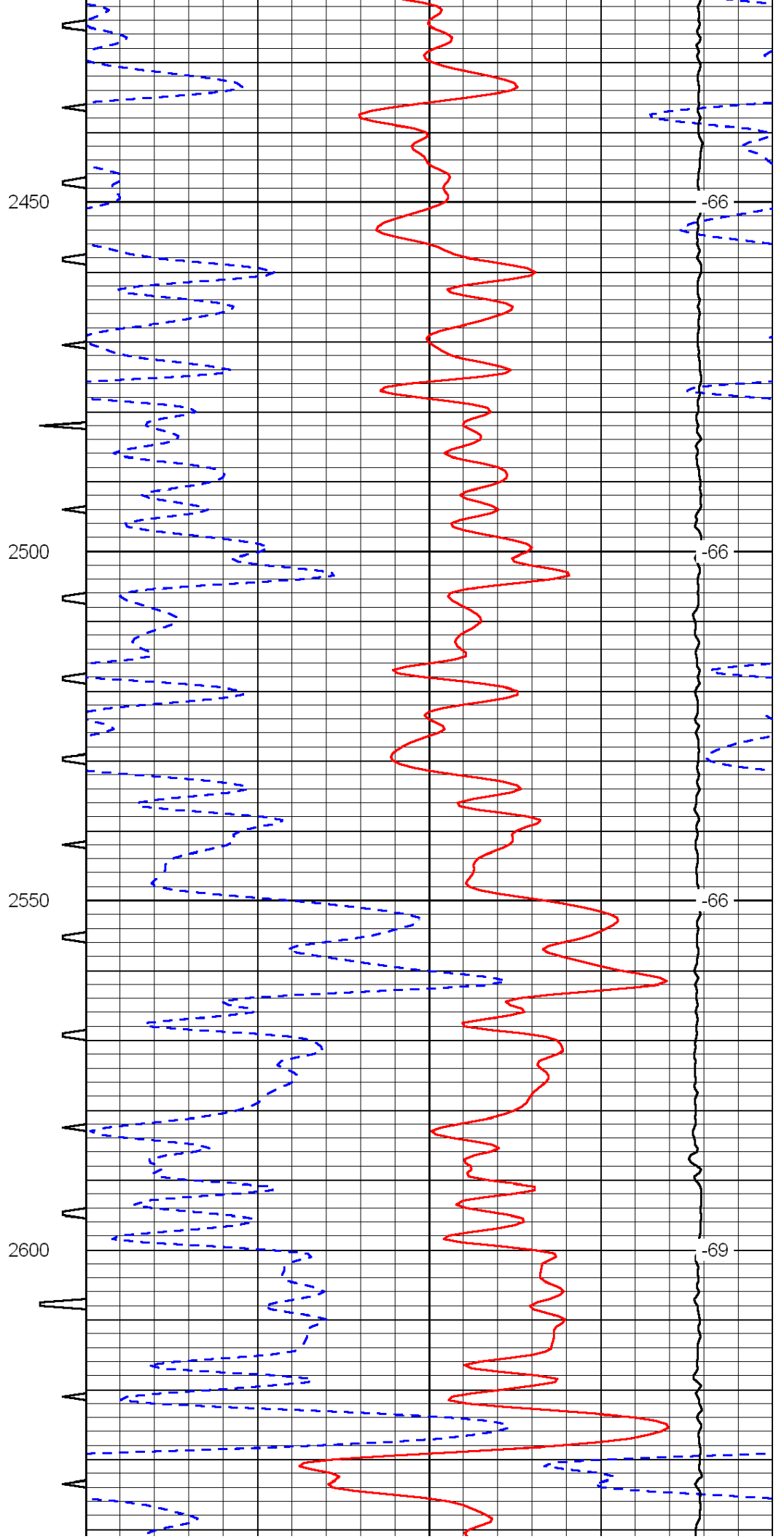
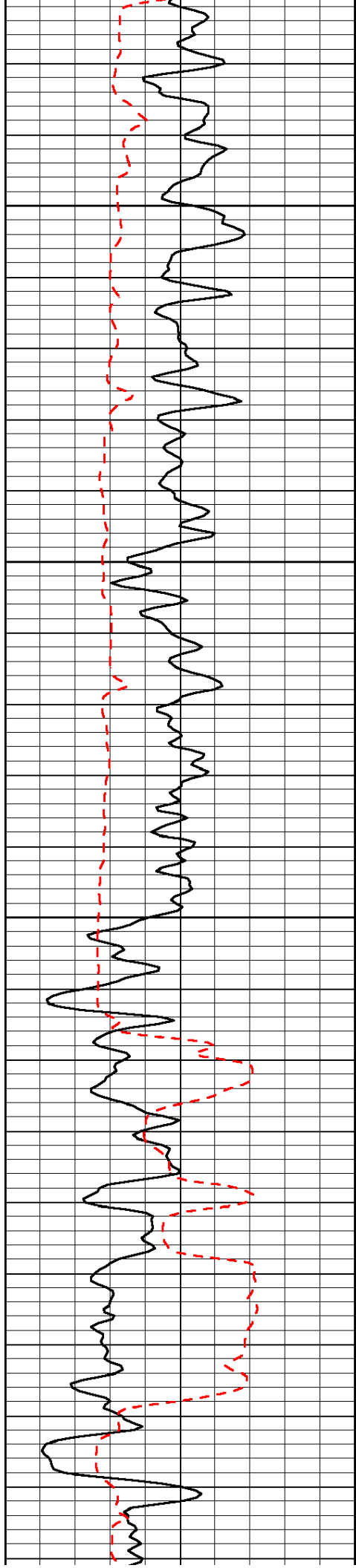


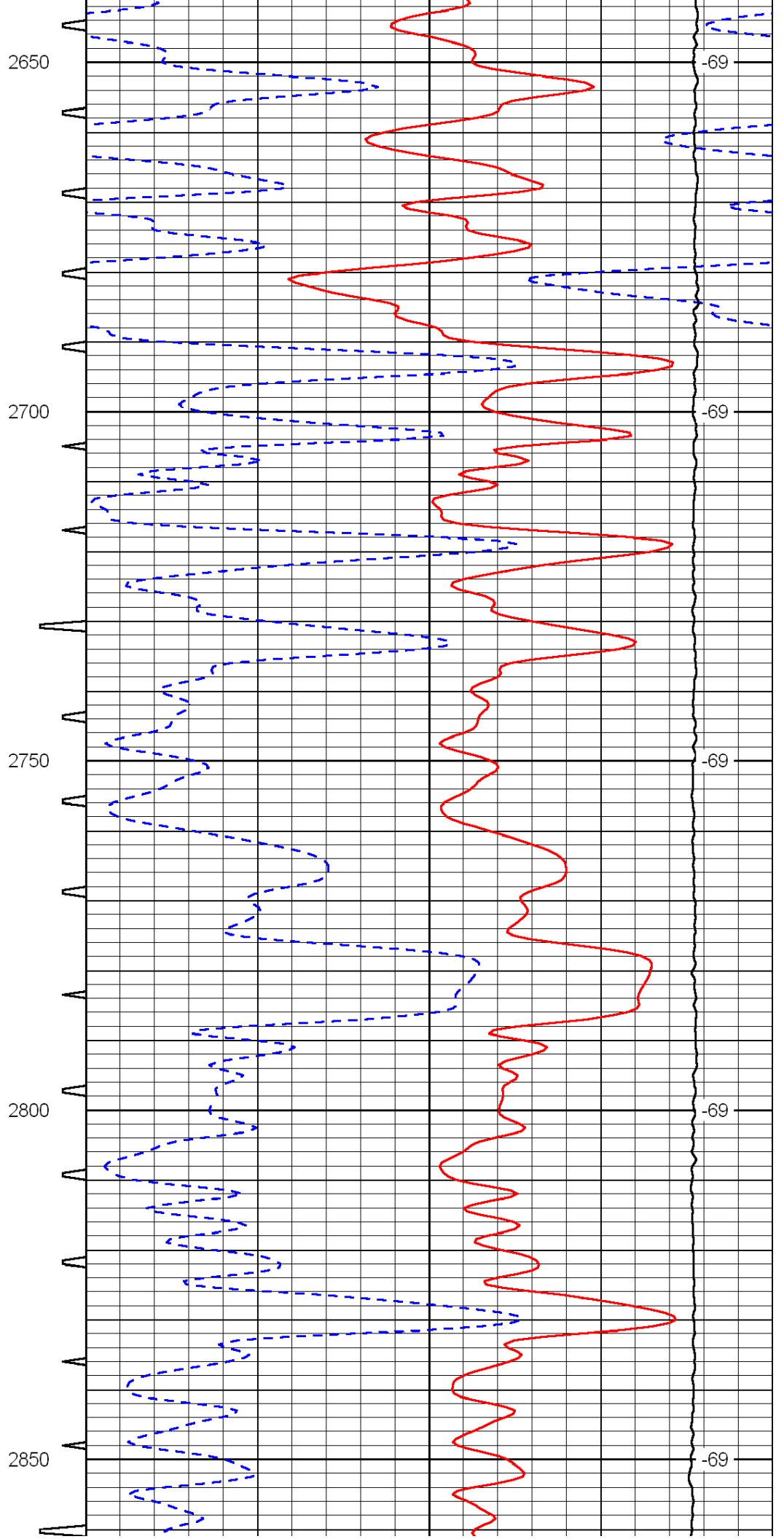
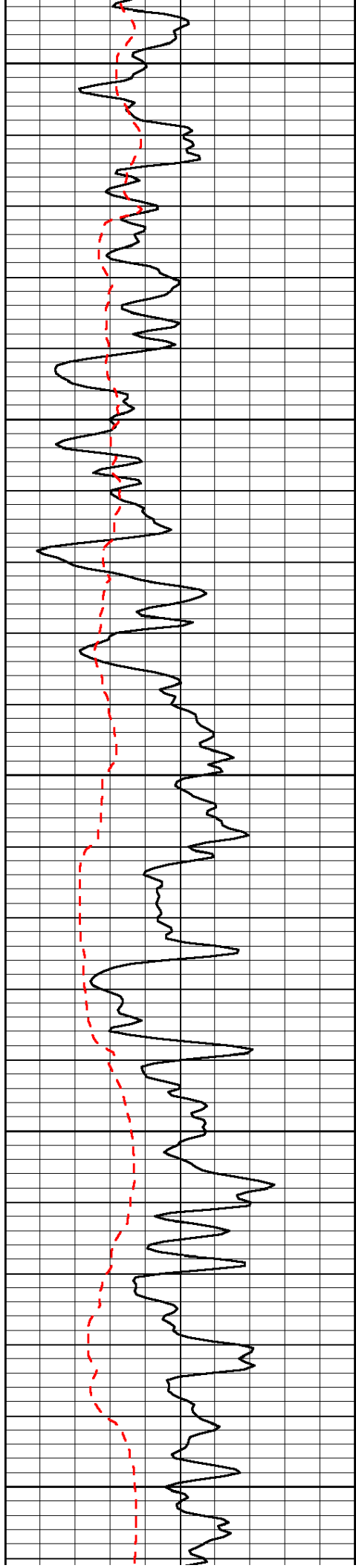


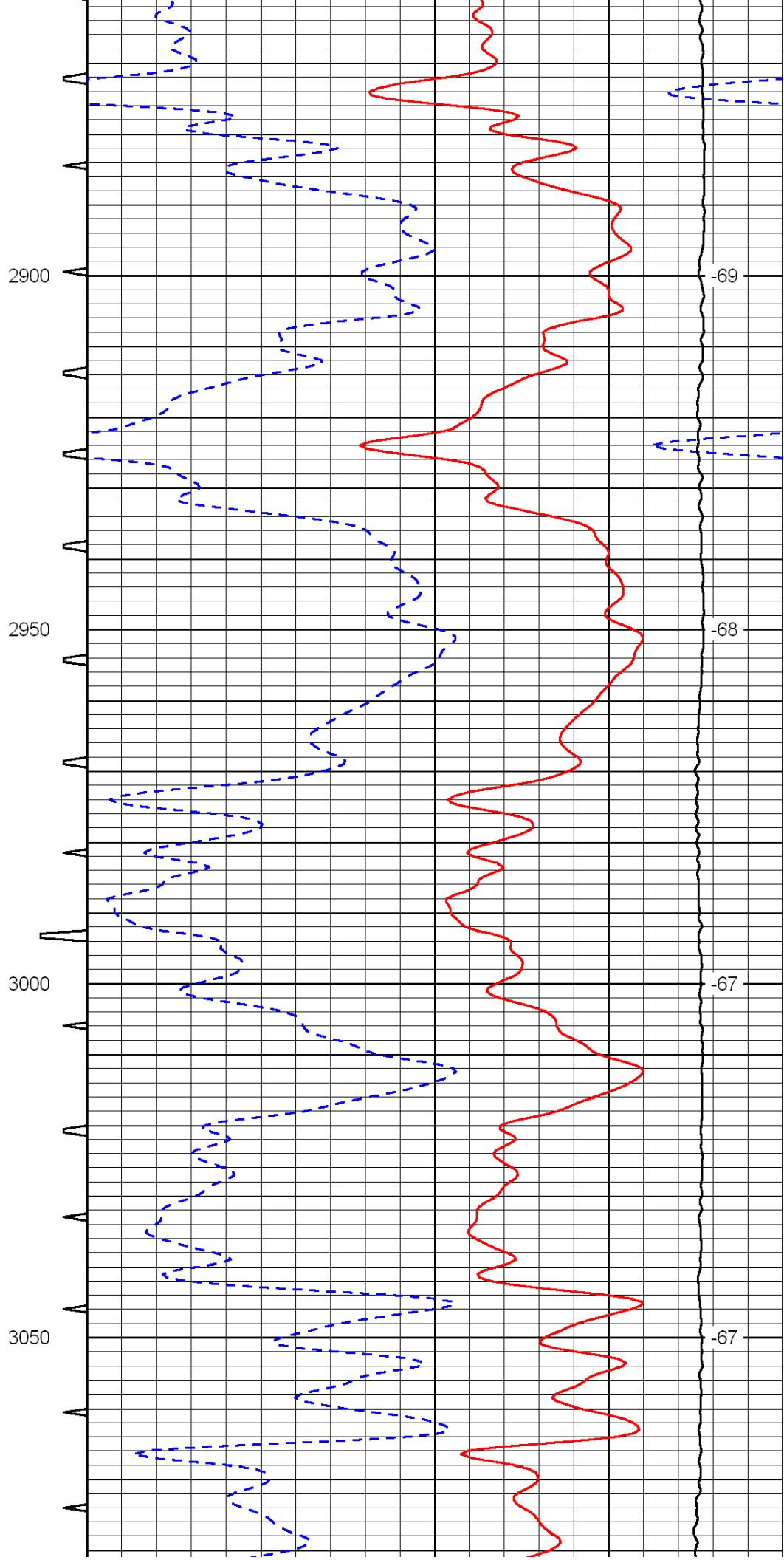
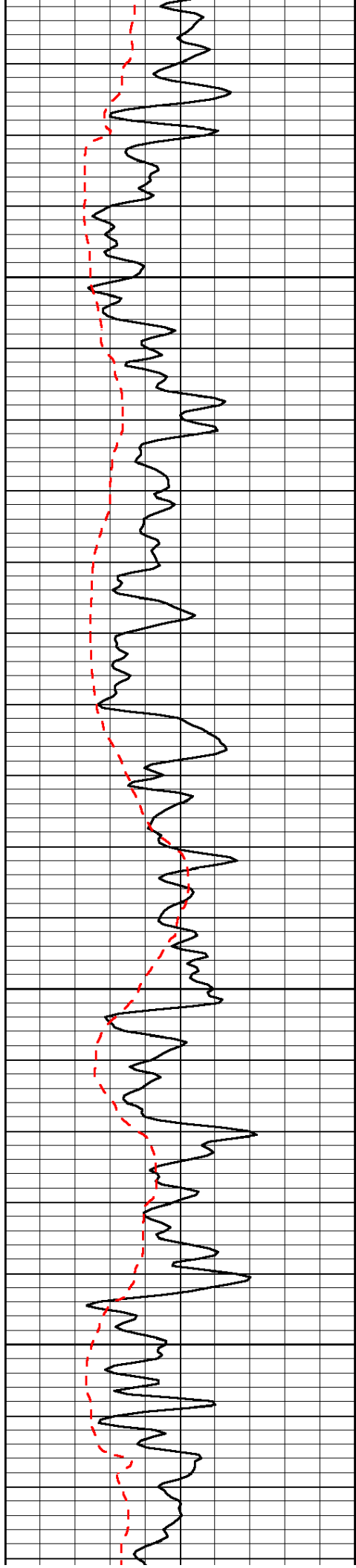


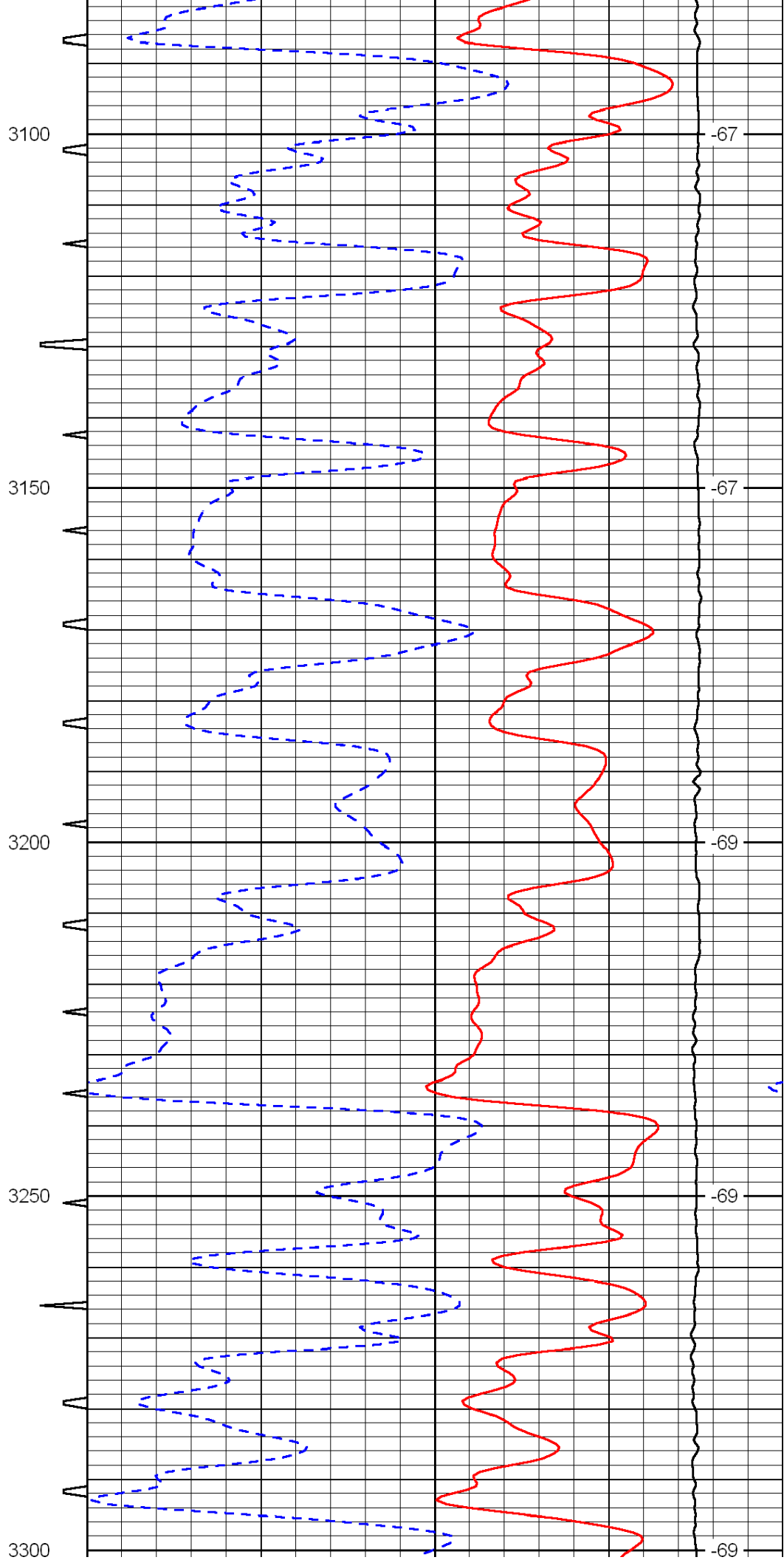
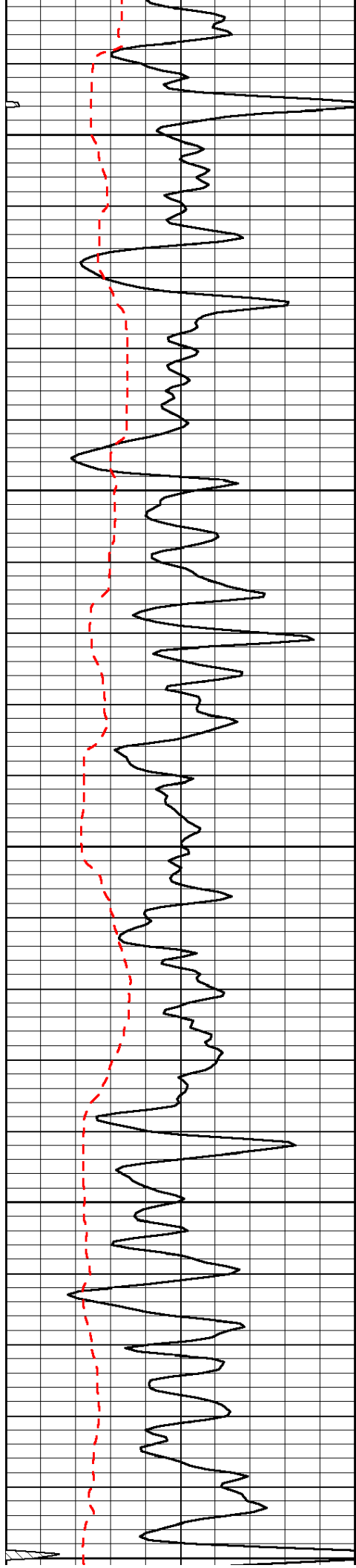


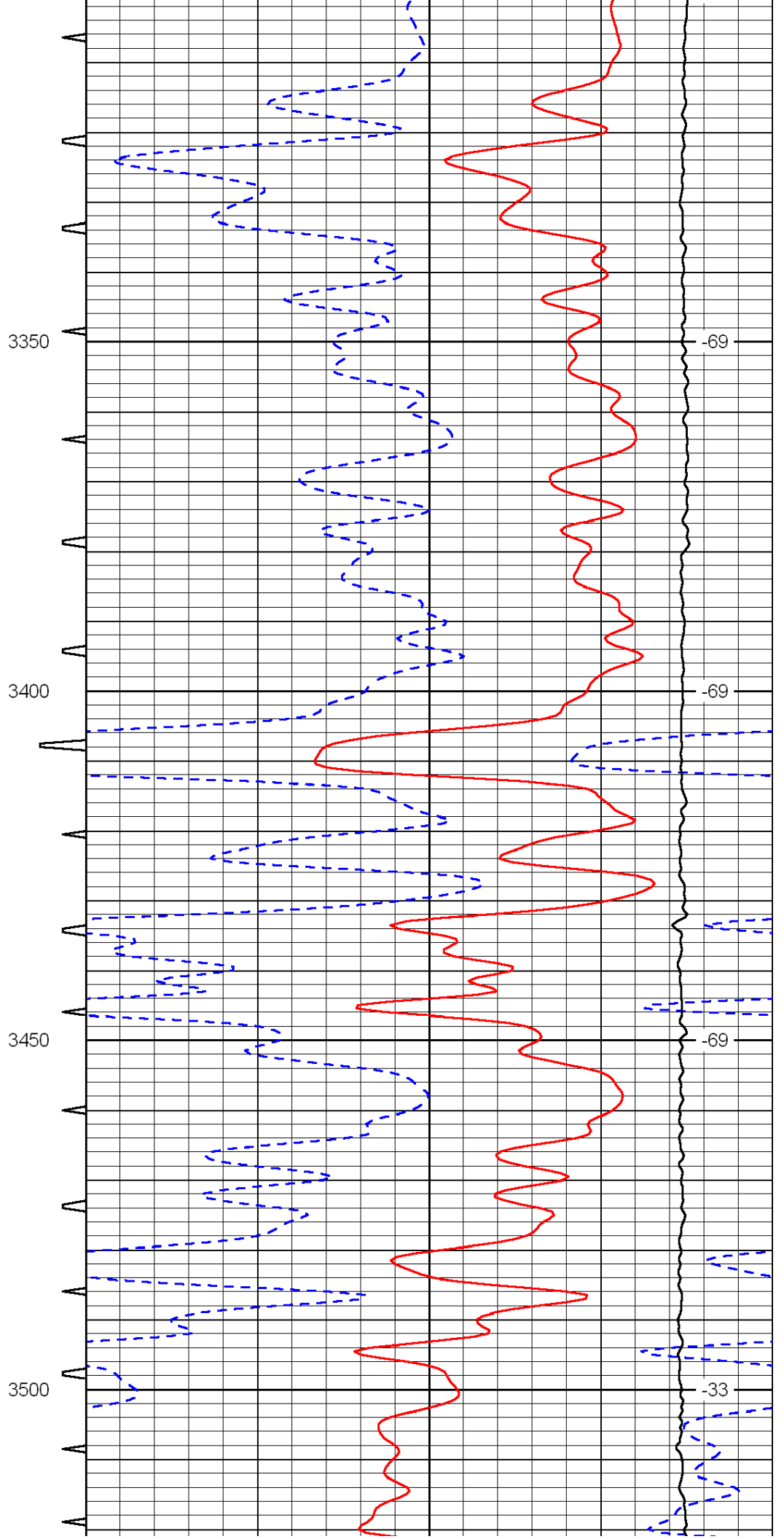
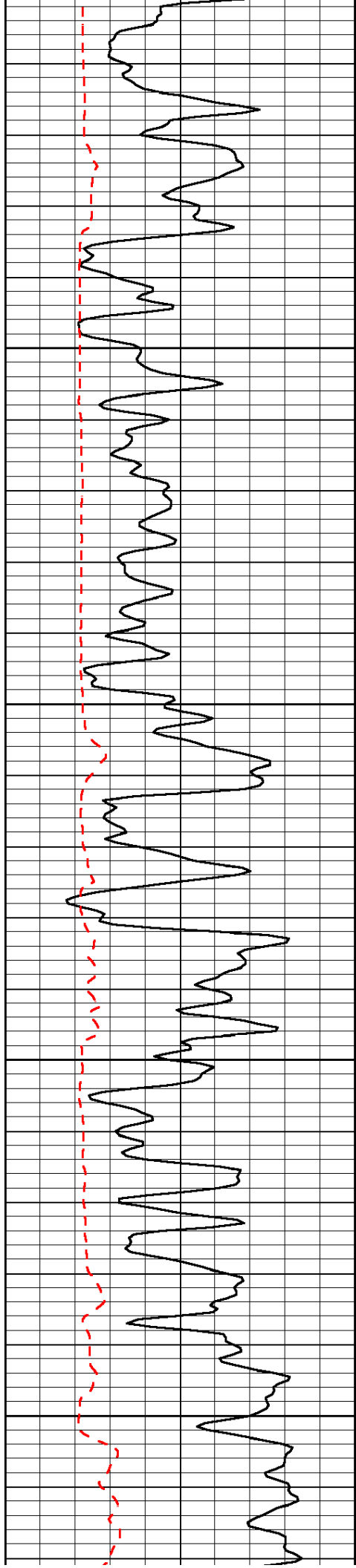


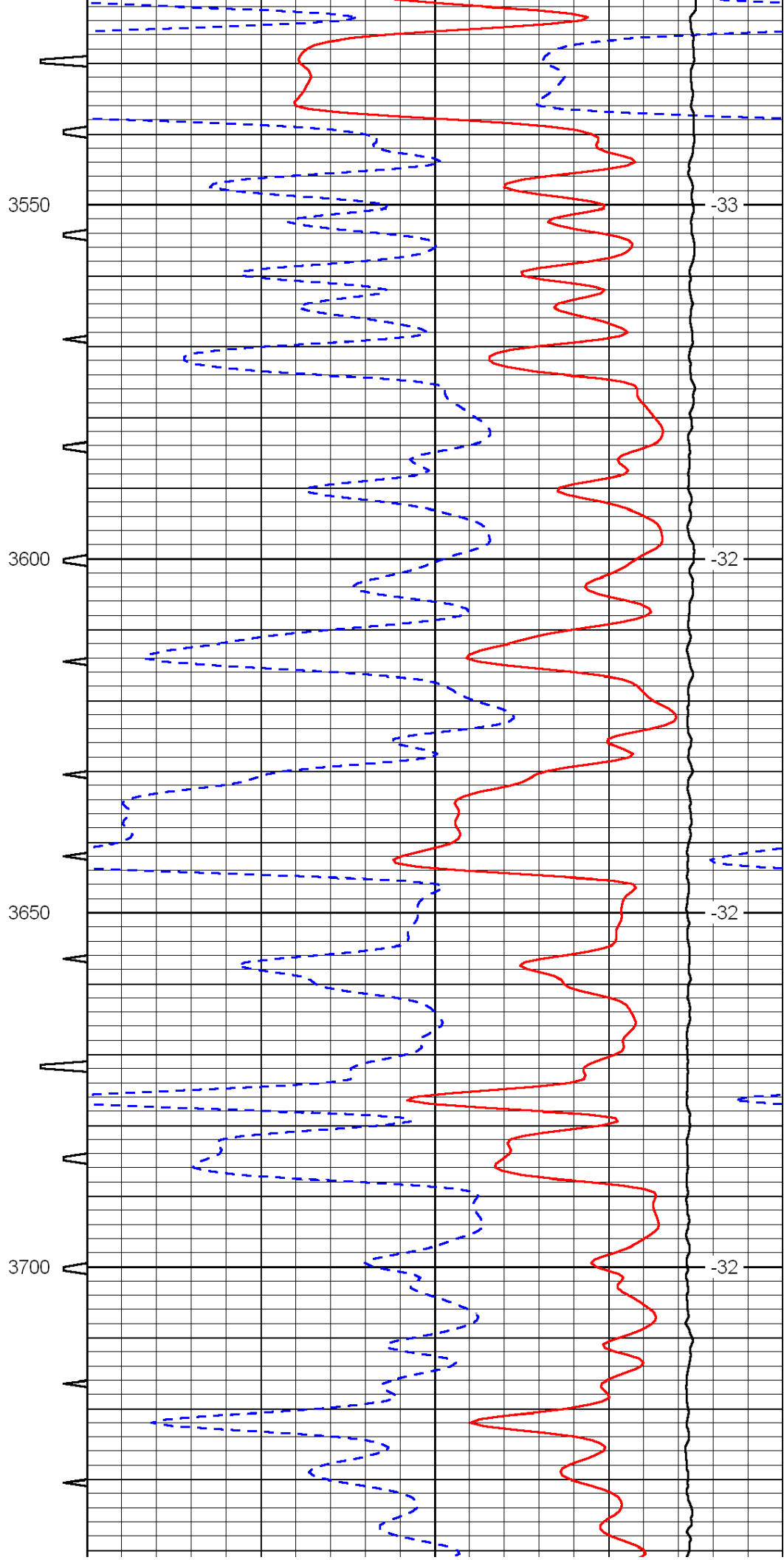
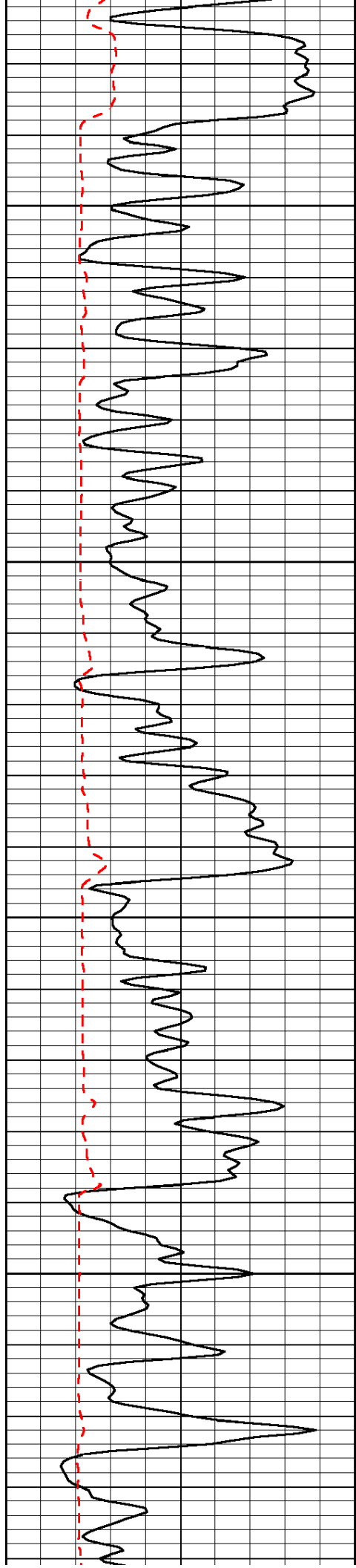


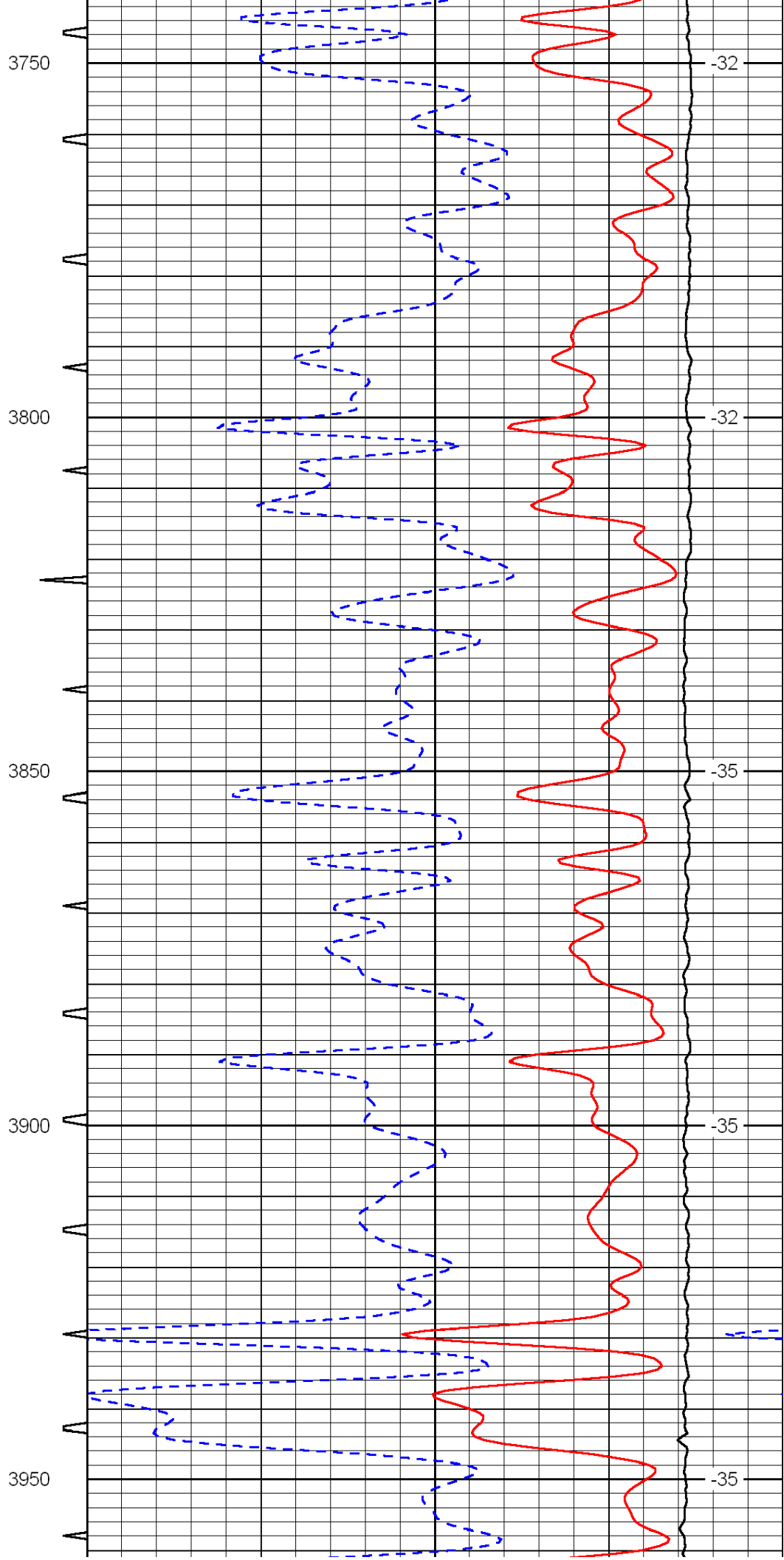
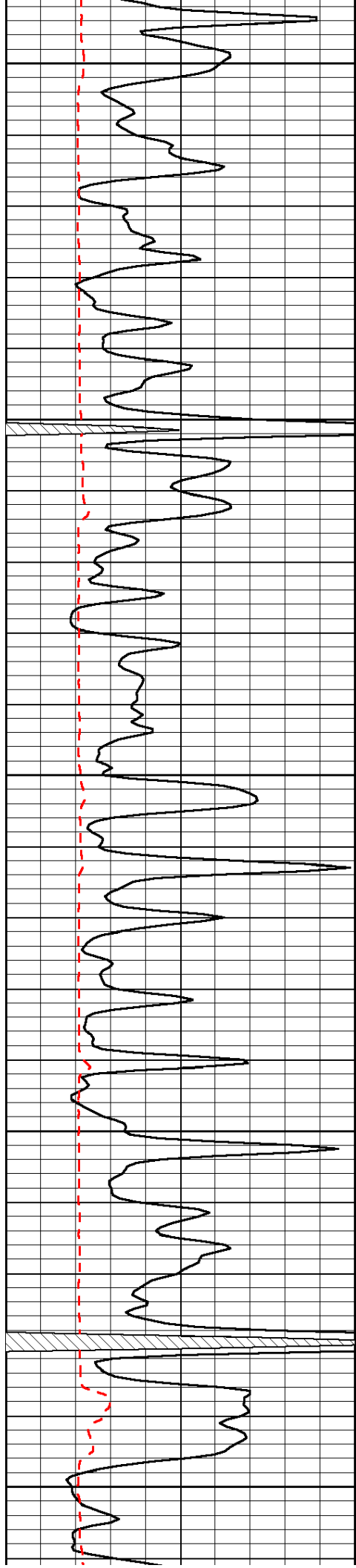


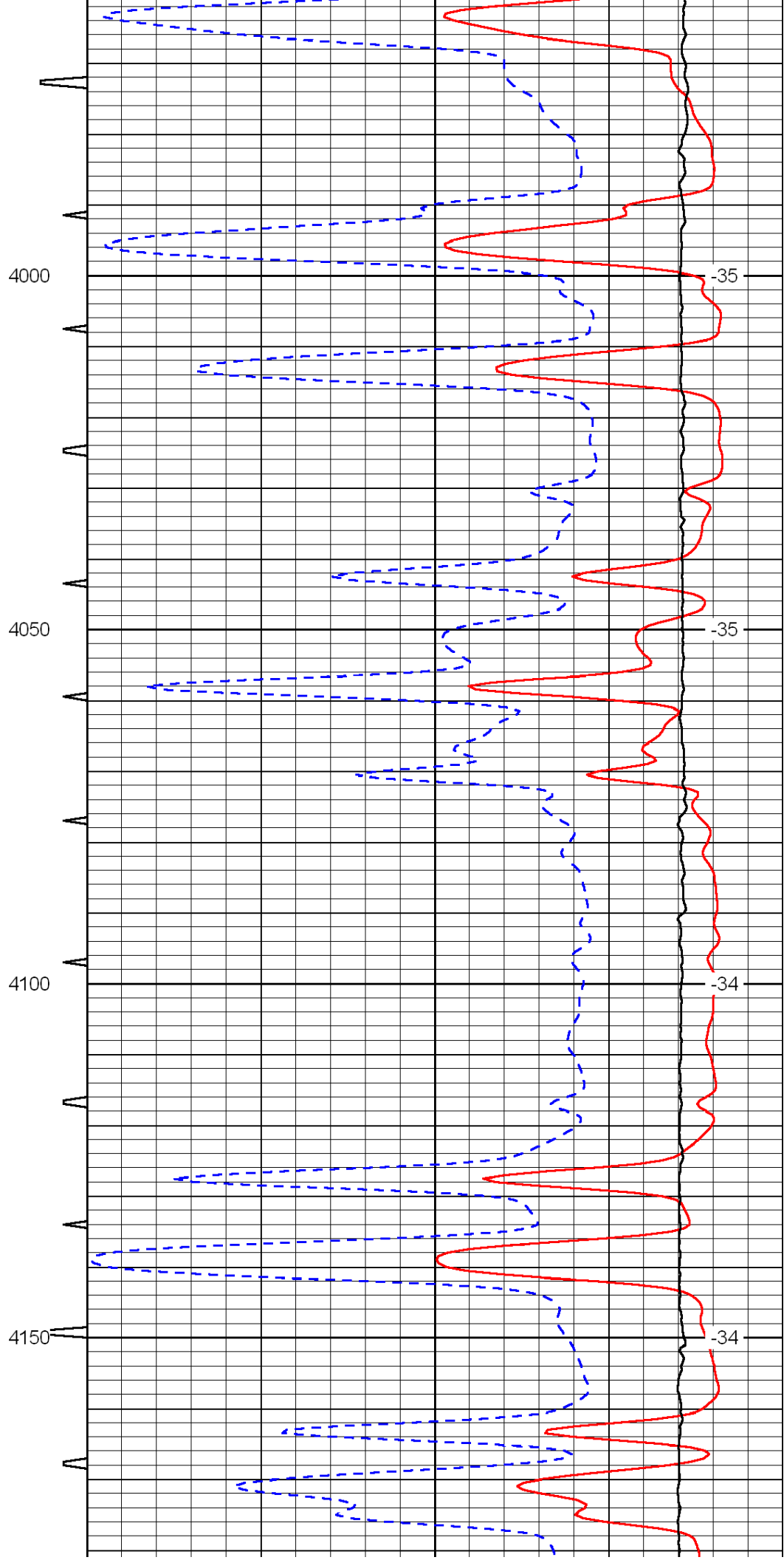
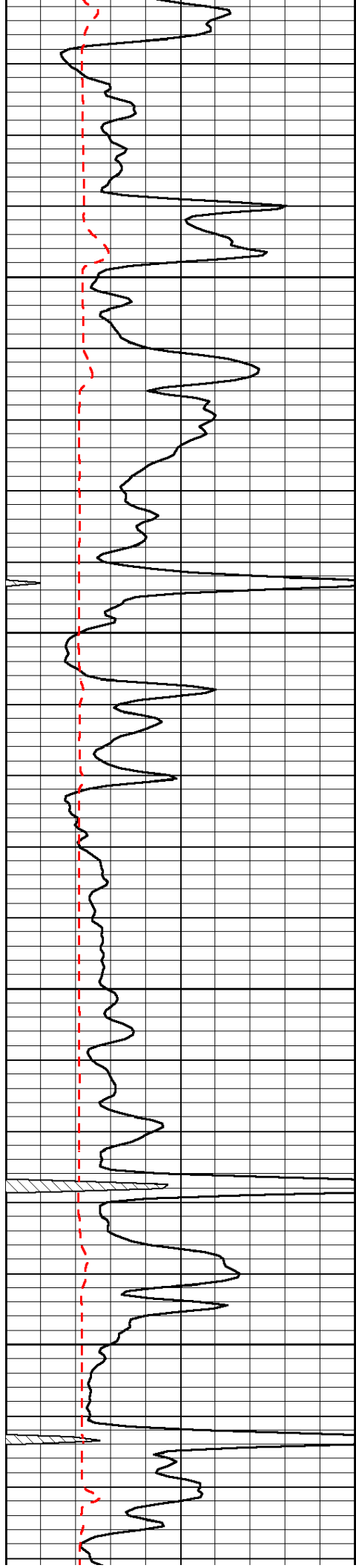


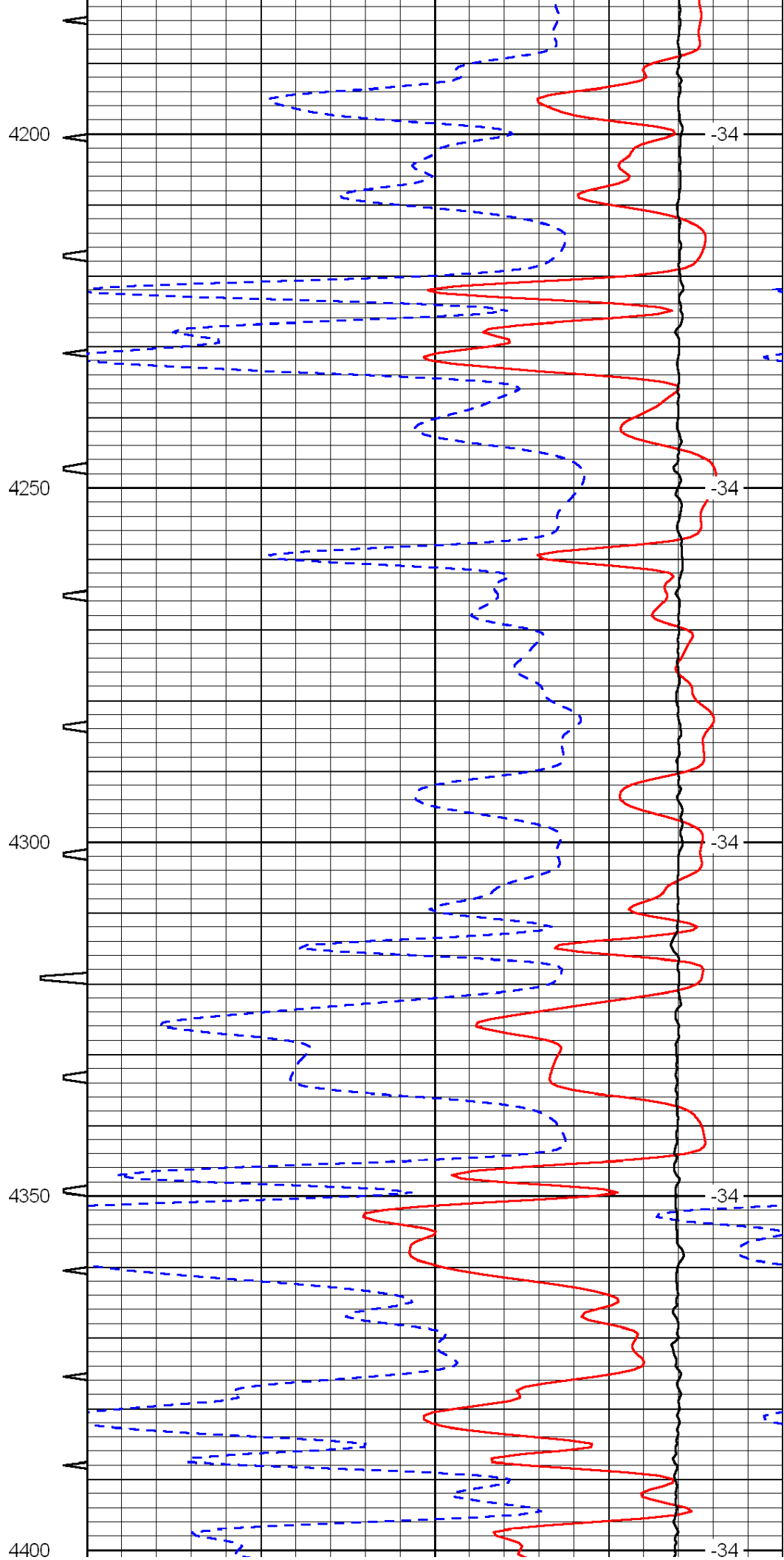
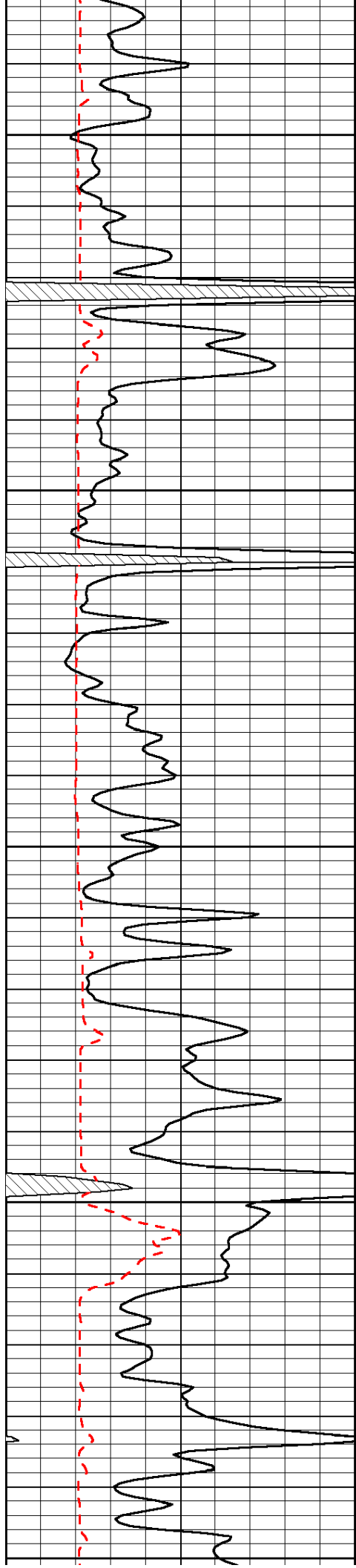


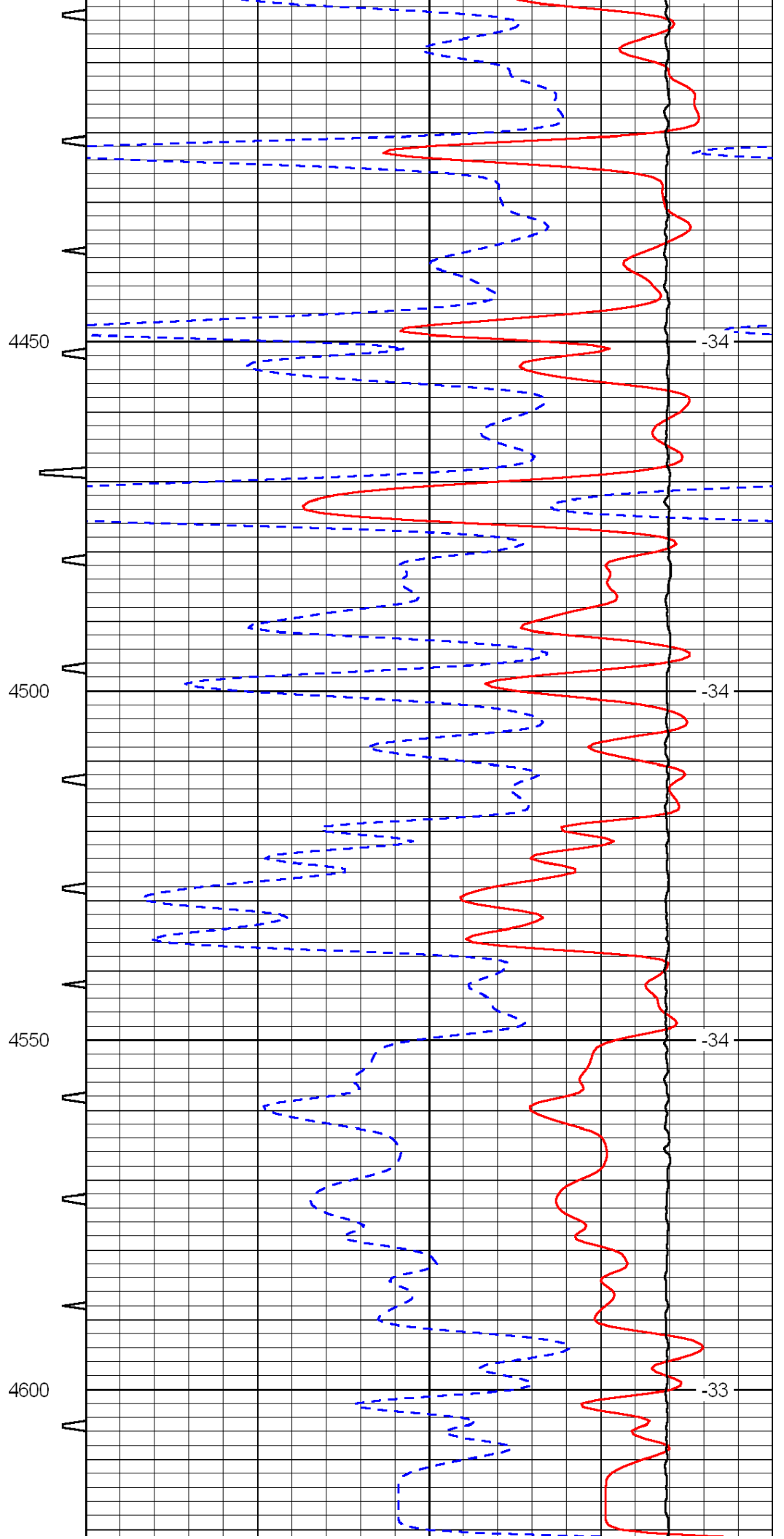
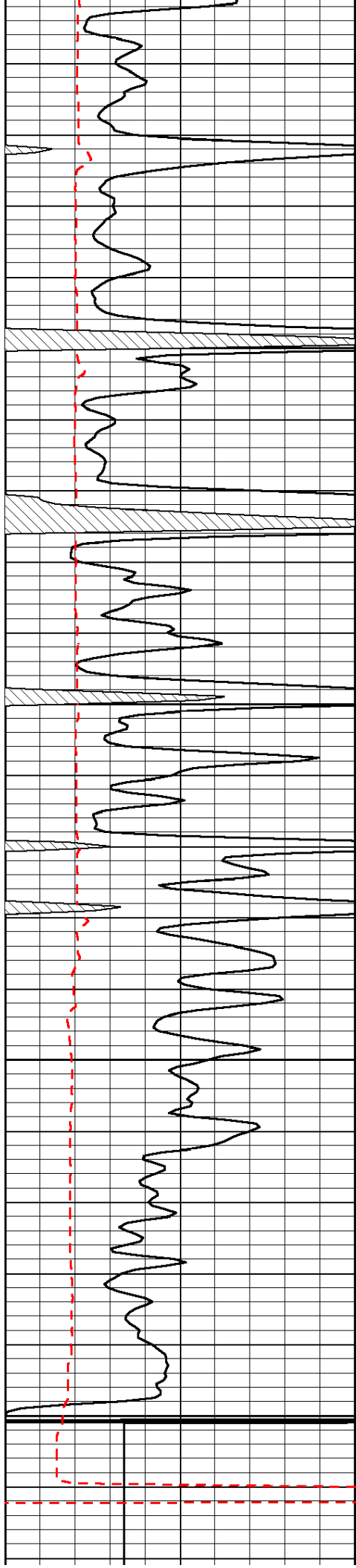












ALLIED CEMENTING CO., LLC. 042398

Federal Tax I.D.# 20-5975804

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

SERVICE POINT
Great Bend, KS

DATE	1-30-12	SEC	10	TWP	29W	RANGE	29W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE	<i>Forte</i>	WELL #	1-10	LOCATION	<i>K-4 & Hwy 23 / west</i>	COUNTY	<i>Agave</i>	STATE	<i>KS</i>		
OLD OR NEW	(Circle one)										

CONTRACTOR *WJH Rig #2* OWNER *Credo Petroleum*

TYPE OF JOB *Surf*

HOLE SIZE *13 1/8* T.D. *265*

CASING SIZE *8 7/8* DEPTH *265*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX DEPTH

MEAS. LINE MINIMUM

CEMENT LEFT IN CSG. SHOE JOINT *15 FT*

PERFS.

DISPLACEMENT

CEMENT AMOUNT ORDERED *225 slks Class A*
30% cc @ 10 gal

COMMON	225	@	16.25	3656.25
POZMIX		@		
GEL	4	@	21.25	85.00
CHLORIDE	8	@	58.20	465.60
ASC		@		
HANDLING	237	@	2.25	533.25
MILEAGE	237 X .13 X .11			1121.91
TOTAL				5861.11

EQUIPMENT

PUMP TRUCK CEMENTER *Greg R / Shoret*

366 HELPER *Dustin C.*

BULK TRUCK DRIVER *Justin H*

344/170

BULK TRUCK DRIVER

#

REMARKS:
Pipe on bottom. Break circulation with 210 yds. Hook up 9ms. M14 225 slks @ 30% cc. 20% gel. Displace with 15.93 bbl Wash water. Cement 215 circulate. Plug down @ 1700 ft. Rig down

CHARGE TO: *Credo Petroleum*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB *265*

PUMP TRUCK CHARGE *1125.00*

EXTRA FOOTAGE *86*

MILEAGE *Hvm 86 @ 7.00 602.00*

MANIFOLD *Hvm 86 @ 4.00 344.00*

TOTAL *2471.00*

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 *X Justin Hamlin*

SIGNATURE *X Justin Hamlin*

SALES TAX (if Any) _____

TOTAL CHARGES *7932.11*

DISCOUNT *208.28* *2619.92* IF PAID IN 30 DAYS

5312.12

Thank You!

ALLIED CEMENTING CO., LLC. 034579

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Oakley

DATE <u>2-7-12</u>	SEC. <u>10</u>	TWP. <u>17</u>	RANGE <u>29</u>	CALLED OUT	ON LOCATION <u>2:30 PM</u>	JOB START <u>10:00 PM</u>	JOB FINISH <u>12:00 PM</u>
LEASE <u>foote</u>	WELL# <u>1-10</u>	LOCATION <u>Gove St to Hwy 4-1w</u>	COUNTY <u>Lane</u>	STATE <u>Ks</u>			
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR WW-2 OWNER Same

TYPE OF JOB Production 2-Stage

HOLE SIZE 7 7/8 T.D. 4628

CASING SIZE 5 1/2 DEPTH 4619

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DV DEPTH 2307.71

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 21.15

CEMENT LEFT IN CSG. 21.15

PERFS.

DISPLACEMENT 112.19

EQUIPMENT

PUMP TRUCK CEMENTER LaRene

431 HELPER Darren

BULK TRUCK

373-308 DRIVER Ethan

BULK TRUCK

306-306 DRIVER Chris

COMMON @

POZMIX @

GEL 3 SKS @ 21.25 \$ 63.75

CHLORIDE @

ASC 130 SKS @ 19.00 \$ 2470.00

Life Type 2 500 SKS @ 14.50 \$ 7250.00

Gilsonite - 3150 lbs. @ .89 \$ 2803.50

Sglt 13 SKS @ 23.95 \$ 311.35

Flo Seal 250 lbs @ 2.70 \$ 675.00

WFR-2 500 gal @ 1.27 \$ 635.00

HANDLING 760 SKS. @ 2.25 \$ 1710.00

MILEAGE 114 Per mile \$ 4598.00

TOTAL 20516.60

REMARKS:

Mix WFR2 Mix 50 SKS Lite Mix 30 SKS
Asc Displace with water + Mud Cond
Plug at 200 lbs Open DV Tool Circulate
1/2 hrs Plug R.H. 30 SKS Lite Mix 420 SKS
Lite Displace with water Land Plug
at 200 lbs Float Held
Cement Did Not Circulate Lost Circulate
with 300 lbs To Displace
Thank you

CHARGE TO: Credo Petroleum

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL \$ 3210.00

DEPTH OF JOB 4619

PUMP TRUCK CHARGE \$ 2405.00

EXTRA FOOTAGE @

MILEAGE 55 @ 7.00 \$ 385.00

MANIFOLD Head @

LU Mileage @ 4.00 \$ 220.00

PLUG & FLOAT EQUIPMENT

1-DV Tool \$ 4921.00

1 Latch Down Plug + Baffle @ \$ 277.00

1-AFLU Float Shoe @ \$ 349.00

7- Center liners @ 47.00 \$ 343.00

3- Bas Kats. @ 337.00 \$ 1011.00

TOTAL \$ 6901.00

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 Hawkins

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS