



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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- 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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Flatirons Resources LLC
Well Name	Hansen 24-28
Doc ID	1053359

All Electric Logs Run

Borehole Compensated sonic
Microresistivity
Dual Induction
Dual Compensated Porosity Log

Form	ACO1 - Well Completion
Operator	Flatirons Resources LLC
Well Name	Hansen 24-28
Doc ID	1053359

Tops

Name	Top	Datum
Anhydrite-top	2166	722
Anhydrite-base	2224	664
Heebner	3890	-1002
Toronto	3901	-1013
Lansing	3932	-1044
Base/ Kansas City	4296	-1408
Marmaton	4339	-1451
Pawnee	4424	-1536
Ft. Scott	4469	-1581
Mississippian	4556	-1668
TD	4619	-1731

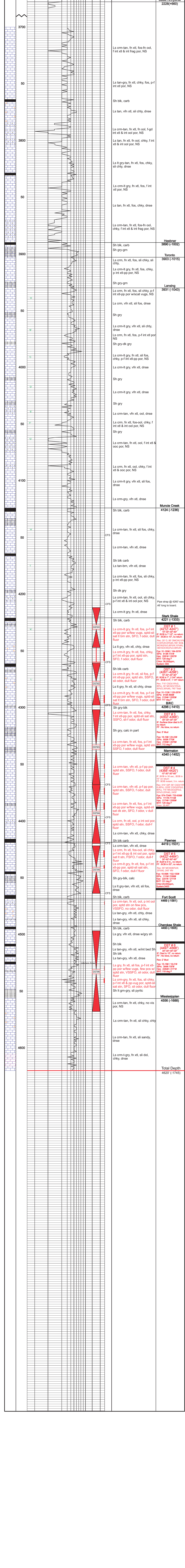
**GEOLOGIST'S REPORT**  
**DRILLING TIME AND SAMPLE LOG**

COMPANY **FLATIRON RESOURCES LLC** ELEVATIONS  
 LEASE **HANSEN #24-28** KB 2888'  
 FIELD \_\_\_\_\_ DF \_\_\_\_\_  
 LOCATION **330°T81, 2150°FWL** GL 2881'  
 SEC **28** TWP **18S** RGE **30W**  
 COUNTY **Lane** STATE **Kansas**  
 CONTRACTOR **HD Rig #3** From **KB**  
 SPUD **4-11-11** COMP **4-23-11** CASING \_\_\_\_\_  
 RTD **4620'** LTD **4619'** CONDUCTION **N/A**  
 MUD UP **3500'** TYPE MUD **Chemical** SURFACE **8-5/8" @ 222'**  
 SAMPLES SAVED FROM **3700'** TO **RTD**  
 DRILLING TIME KEPT FROM **3700'** TO **RTD**  
 SAMPLES EXAMINED FROM **3700'** TO **RTD**  
 GEOLOGICAL SUPERVISION FROM **3700'** TO **RTD**  
 GEOLOGIST ON WELL **Tim Priest**  
 By: **Log Tech**

FORMATION TOPS

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Anhydrite	2138 (+750)	
Base Anhydrite	2224 (+664)	2228 (+660)
Heebner Shale	3890 (+1002)	3890 (+1002)
Lansing	3927 (+1044)	3930 (+1042)
Stark	4219 (+1331)	4221 (+1333)
B/KC	4295 (+1407)	4298 (+1410)
Fort Scott	4469 (+1581)	4493 (+1581)
Cherokee Shale	4491 (+1603)	4535 (+1667)
Mississippium	4555 (+1667)	4556 (+1668)

REMARKS Due to the positive drillstem tests, it was decided to set production casing to further test the well.  
 Respectfully Submitted,  
**API #15-101-22288** Tim Priest  
 Petroleum Geologist



**Fort Scott**  
 4469 (+1581)  
**Cherokee Shale**  
 4493 (+1605)  
**Mississippium**  
 4555 (+1667)  
**Total Depth**  
 4620' (-1745)



Computer Processed Interpretation

DIGITAL LOG (785) 625-3858

API No. 15-101-22288-00-00

Company Flatirons Resources, LLC
Well Hansen #24-28
Field Wildcat
County Lane State Kansas

Location W2 SE SE SW
330' FSL / 2150' FWL

Other Services
DIL/CNL/CDL
BHC/S/MEL

Permanent Datum Ground Level Elevation 2881
Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 2888
D.F.
G.L. 2881

Table with columns: Date Recorded, Depth Logger, SW, SXO, VCL, PHIE, BMW, BMWSXO, DCAL, SPC, DGA, Payflag, Recorded By, Witnessed By, Analysis By. Rows include data for 4/22/2011, 4619, Water Saturation, etc.

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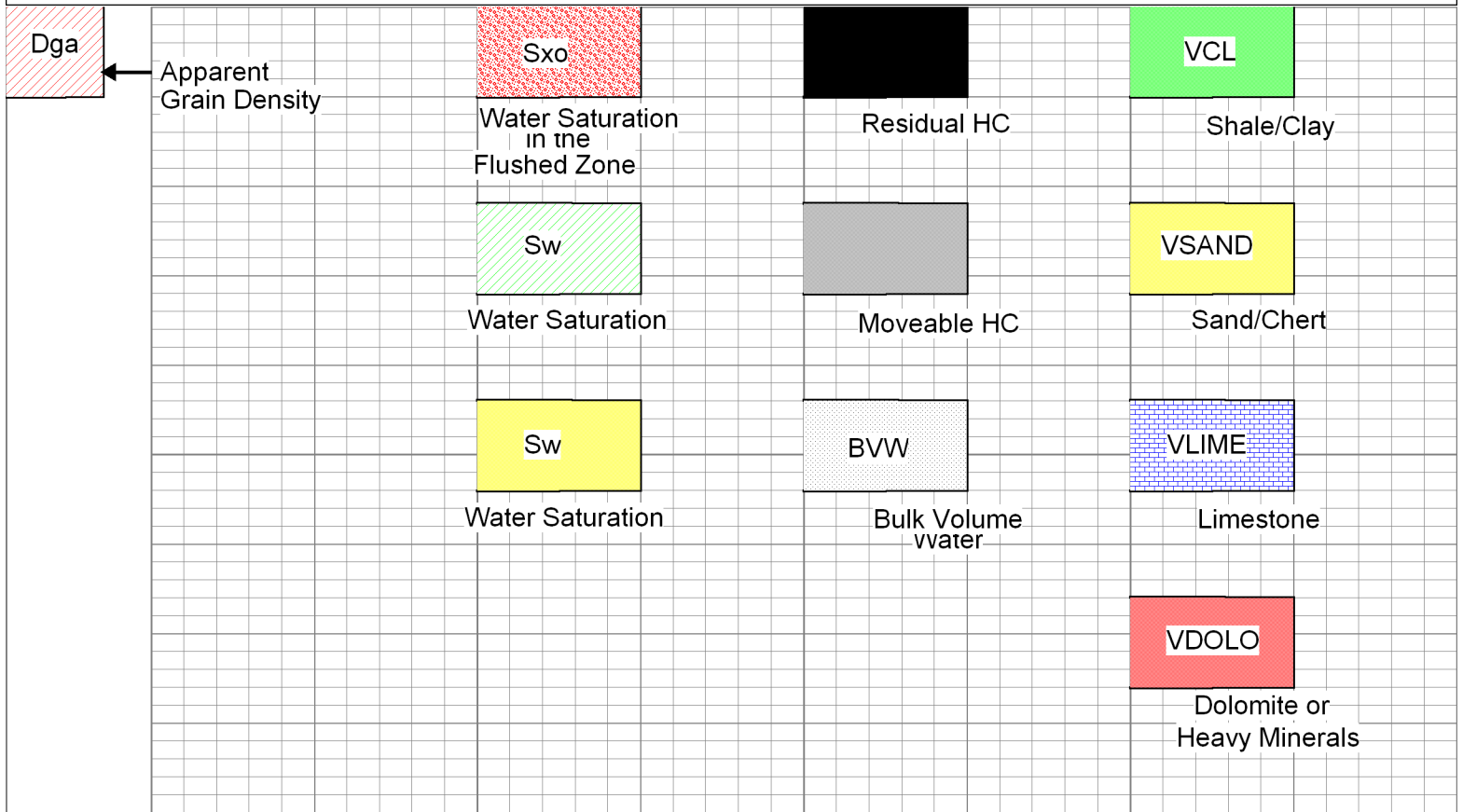
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

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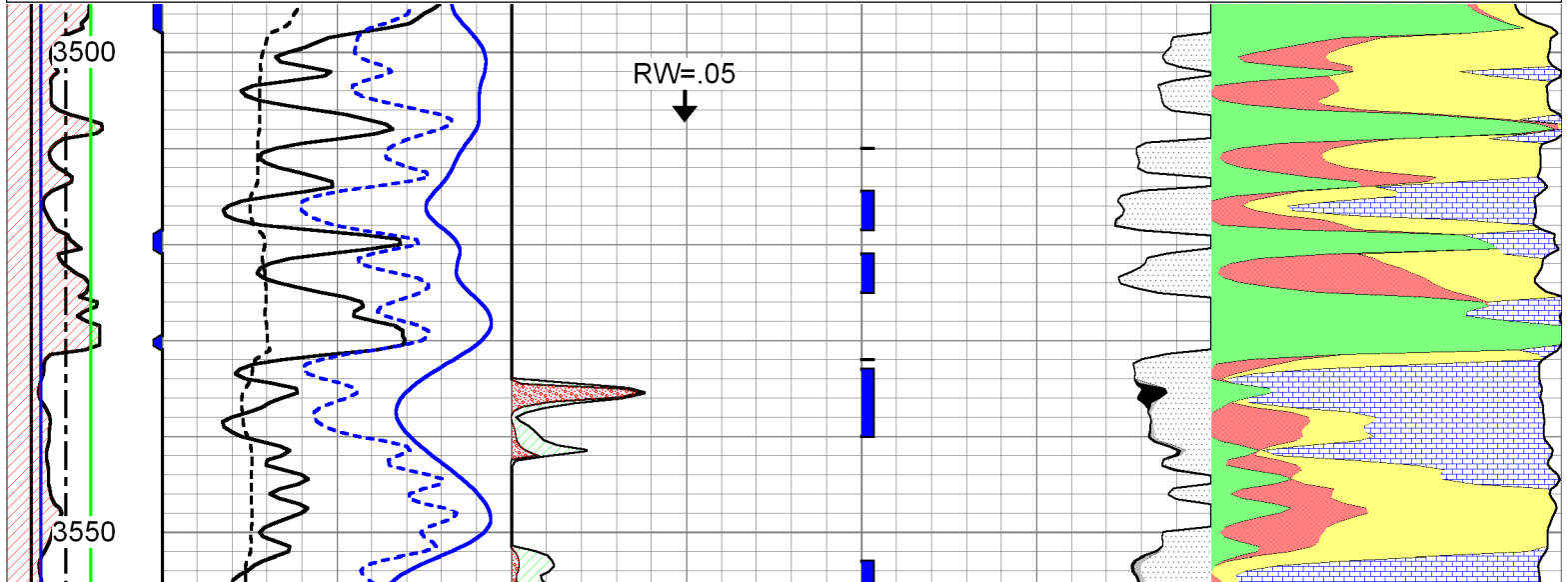
Dighton, KS:
7W, 2S, 1 1/2W, N into

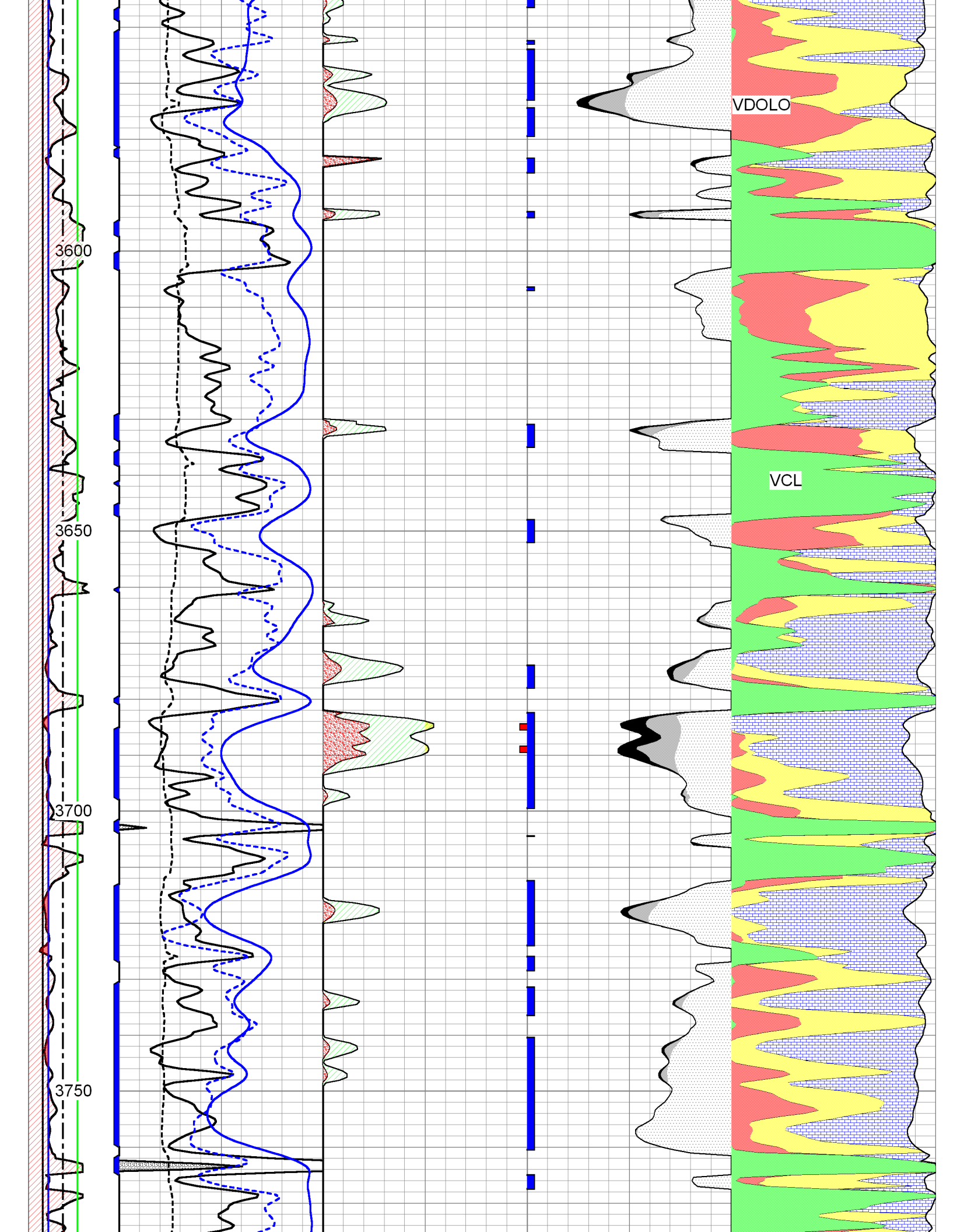
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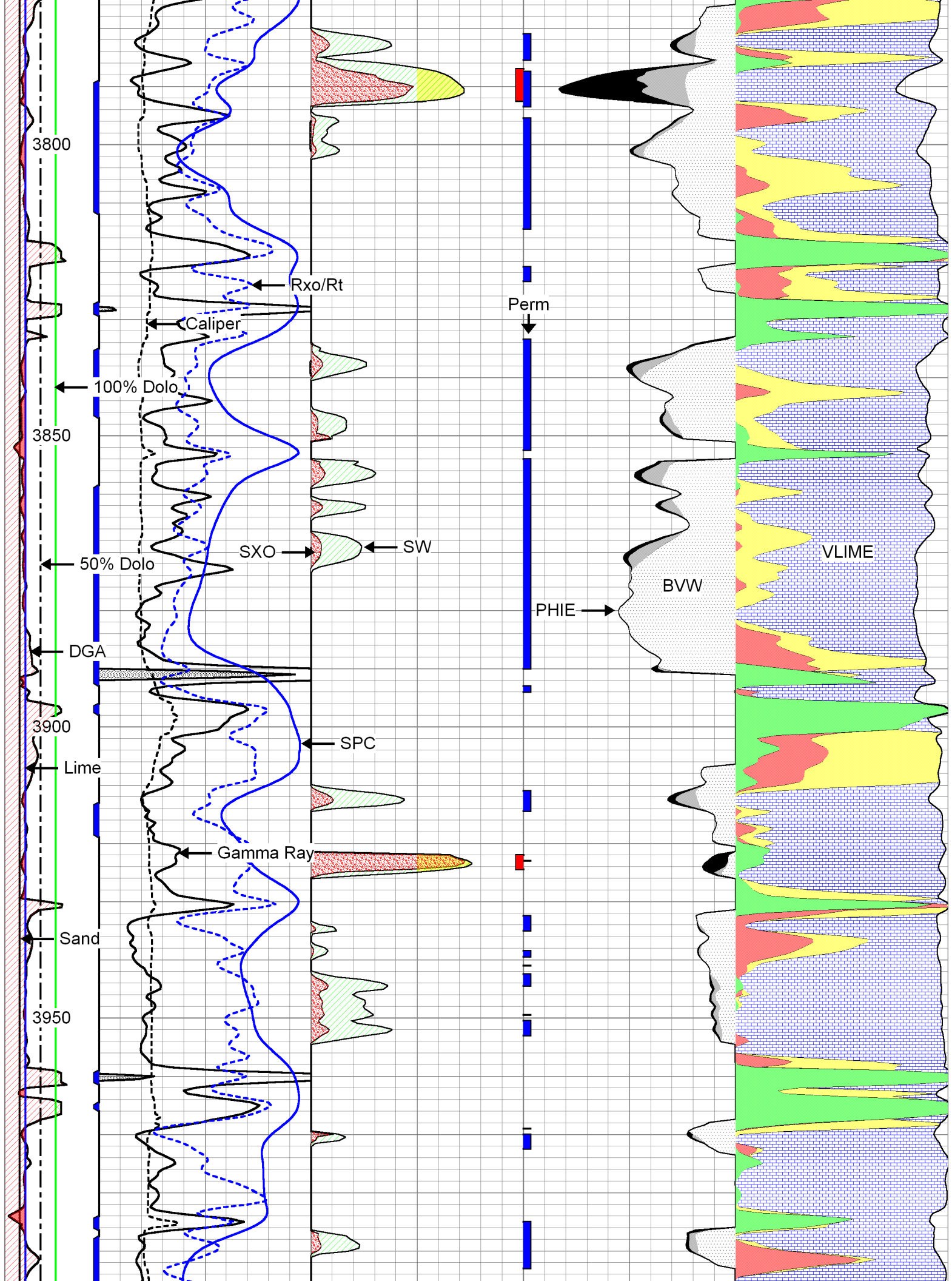
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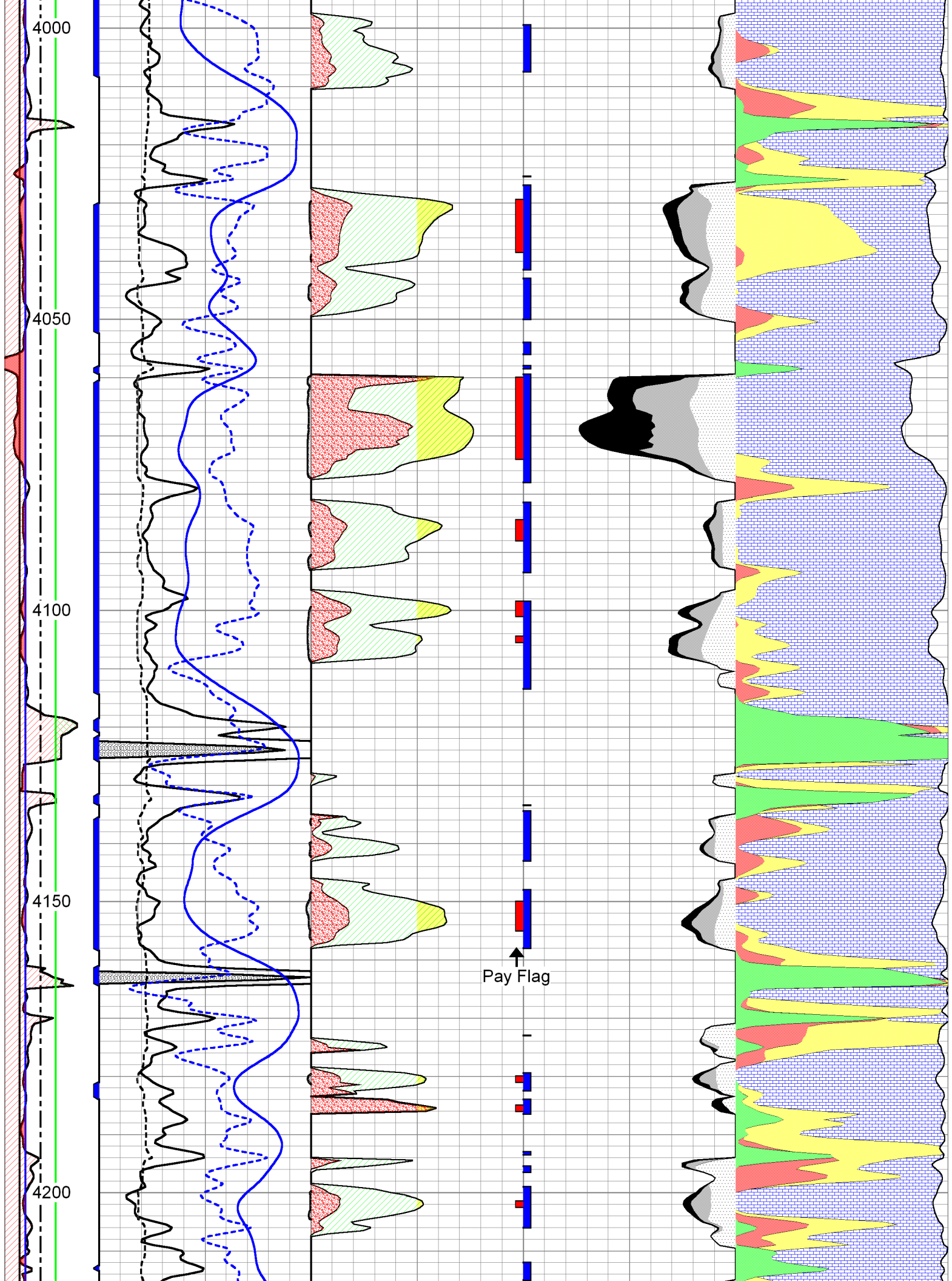
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	DGA	6		DCAL (GAPI)	16	30	PAYFLAG	0	0.3	BVW	0	0	VSAND	1
2.6	3.1	-150		SPC (mV)	0	1	SXO	0	0	PERM	30	0	VLIME	1
								0.3		BVWSXO	0	0	VDOLO	1

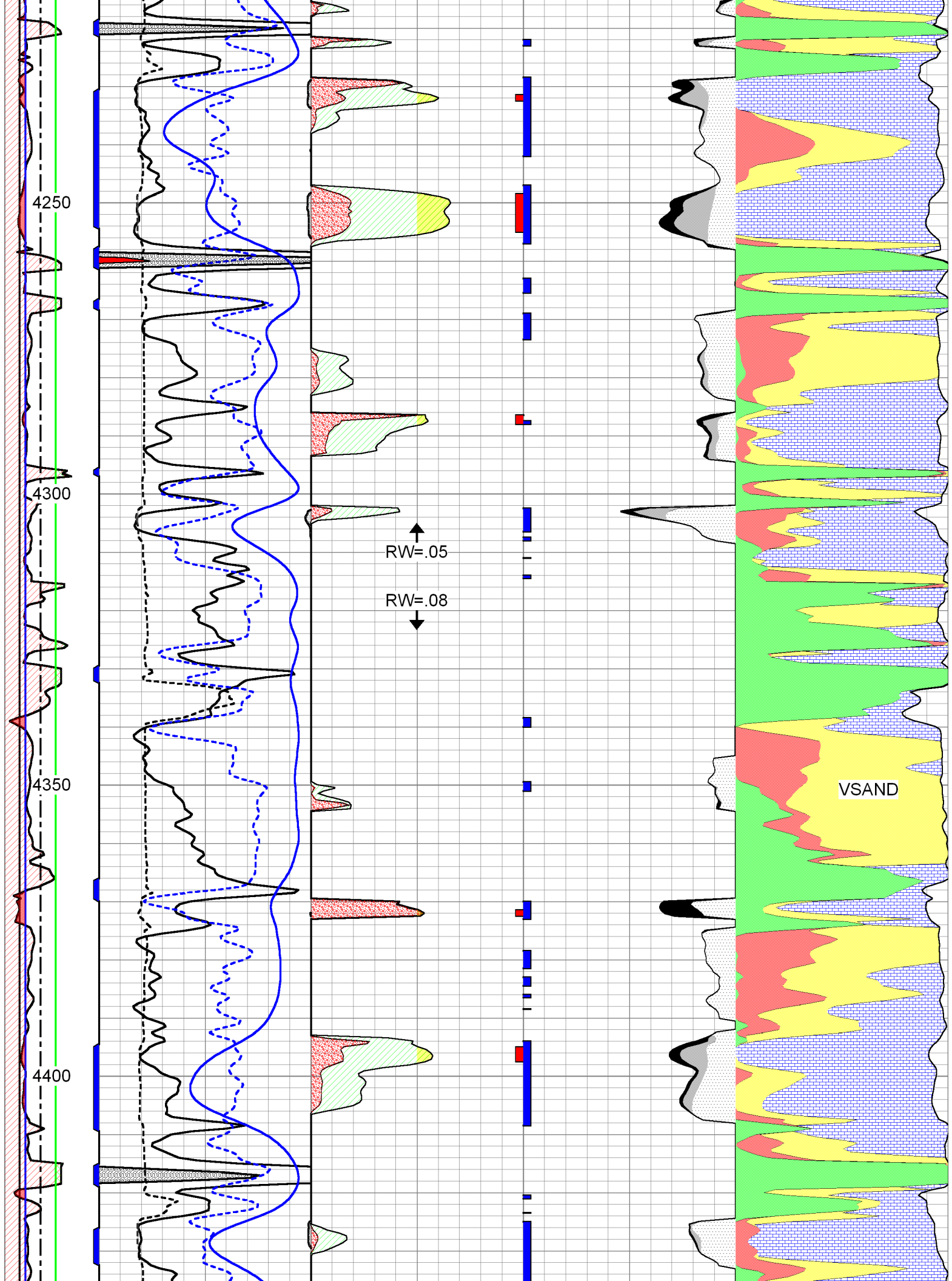


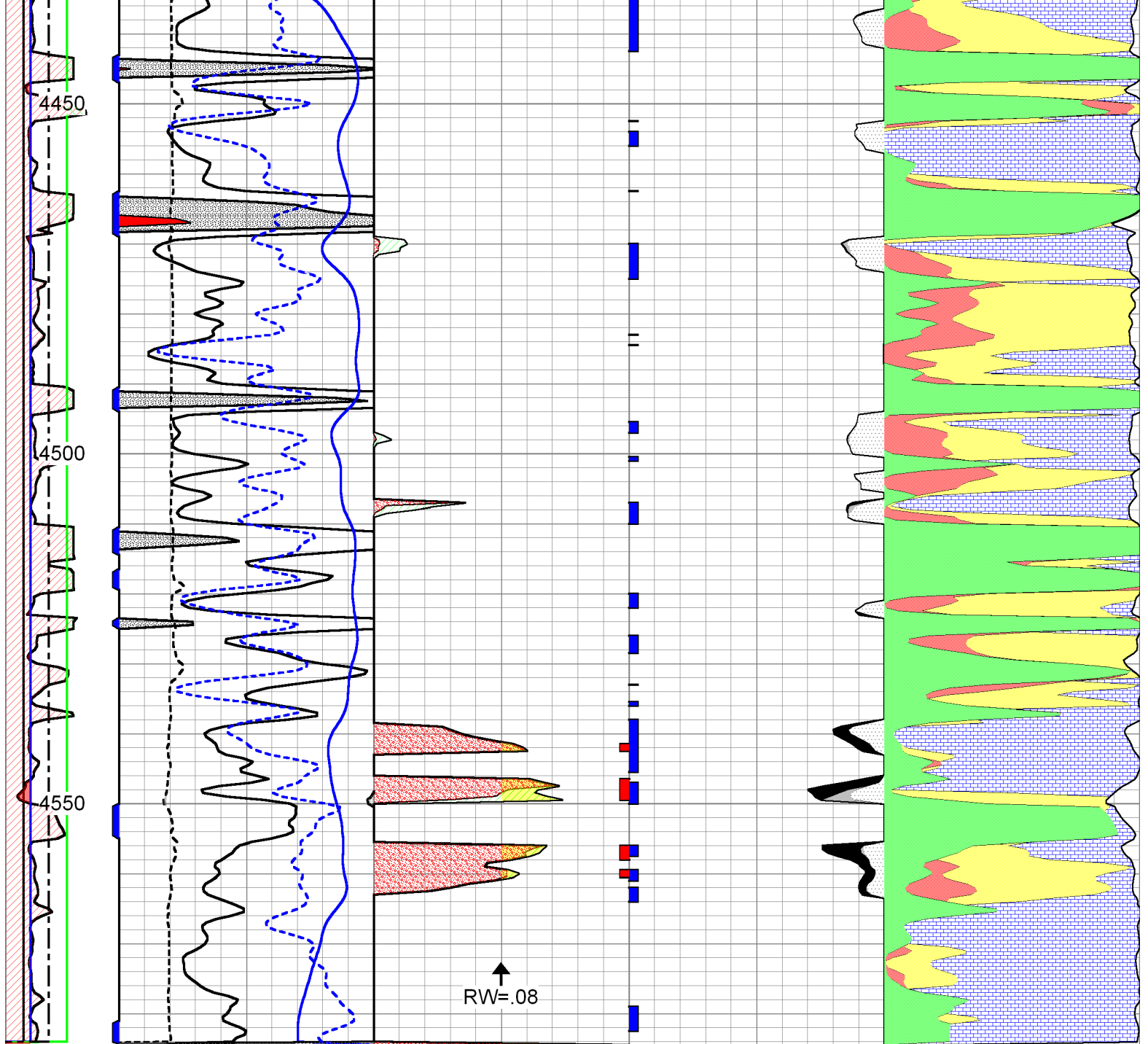












20	CLF	1	0	Gamma Ray	150	1	SW	0	0.3	PHIE	0	0	VCL	1
	DGA	6		DCAL (GAPI)	16	30	PAYFLAG	0	0.3	BVW	0	0	VSAND	1
2.6	3.1	-150		SPC (mV)	0	1	SXO	0	0	PERM	30	0	VLIME	1
								0.3		BVWSXO	0	0	VDOLO	1



# Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.	15-101-22288-00-00	
Company	Flatirons Resources, LLC	
Well	Hansen #24-28	
Field	Wildcat	
County	Lane	State
Location	W2 SE SE SW 330' FSL / 2150' FWL	
Sec: 28	Twp: 18S	Rge: 30W
Other Services		Elevation
CNL / CDL		K.B. 2888
MEL / BHCS		D.F. 2881
		G.L. 2881

Permanent Datum	Ground Level	Elevation
Log Measured From	Kelly Bushing	2881
Drilling Measured From	Kelly Bushing	7 Ft. Above Perm. Datum
Date	4/22/2011	
Run Number	One	
Depth Driller	4620	
Depth Logger	4619	
Bottom Logged Interval	4618	
Top Log Interval	200	
Casing Driller	8.625 @ 222	
Casing Logger	216	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	4200	
Density / Viscosity	9.4	58
pH / Fluid Loss	9.0	8.0
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	0.58 @	124
Operating Rig Time	5 Hours	
Max Rec. Temp. F	124	
Equipment Number	17	
Location	Hays	
Recorded By	R. Barnhart	
Witnessed By	Tim Priest	

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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, KS:  
 7W, 2S, 1 1/2W, N into

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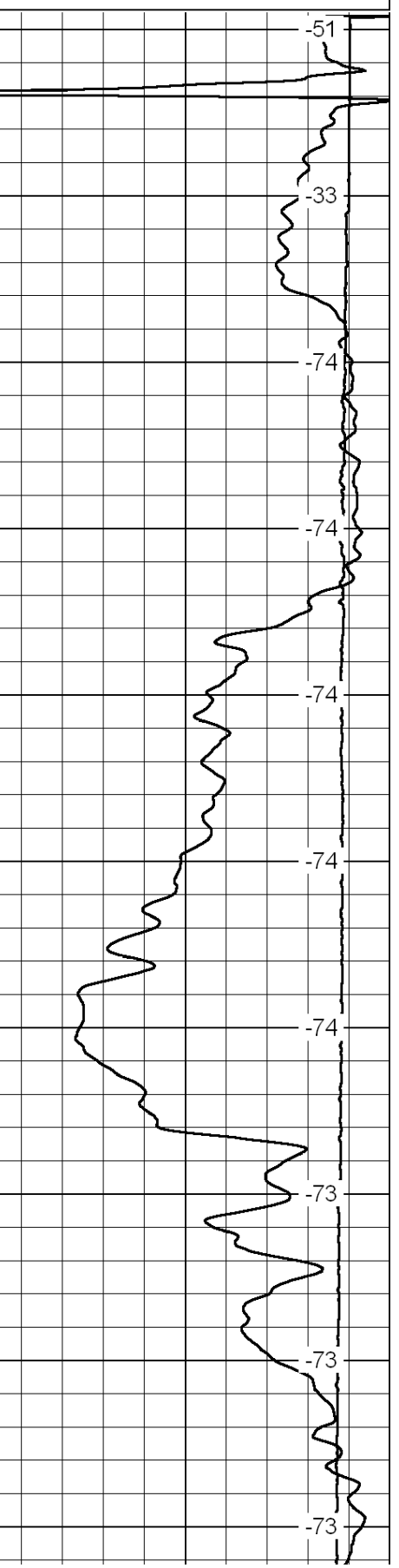
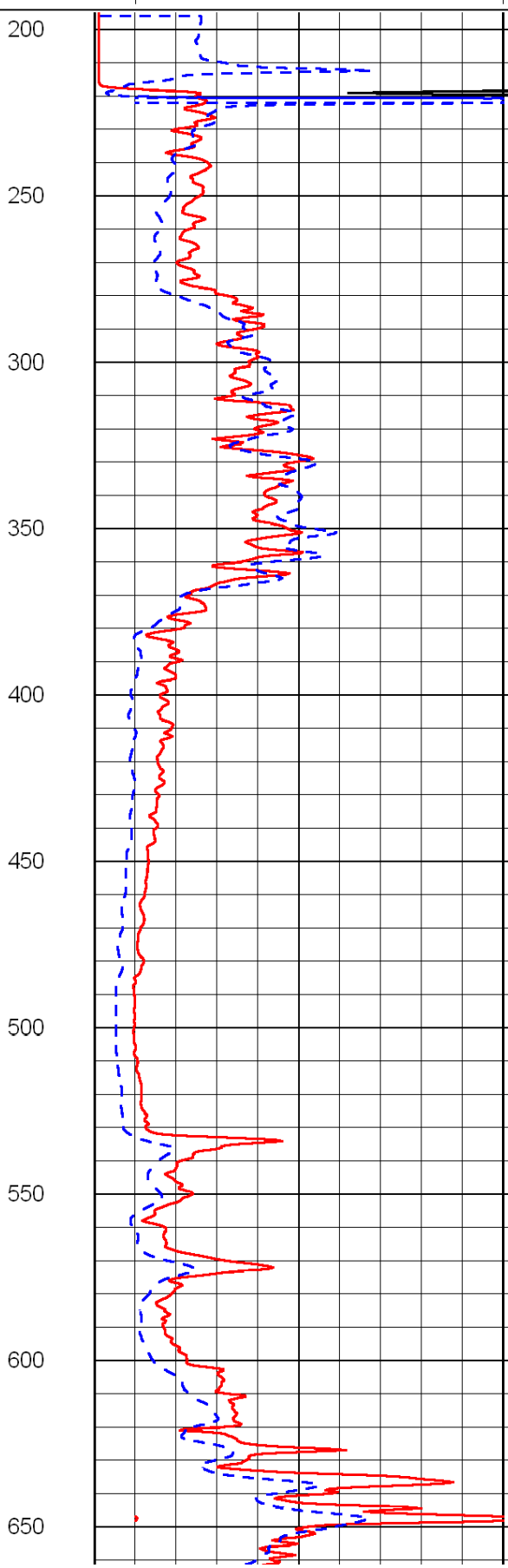
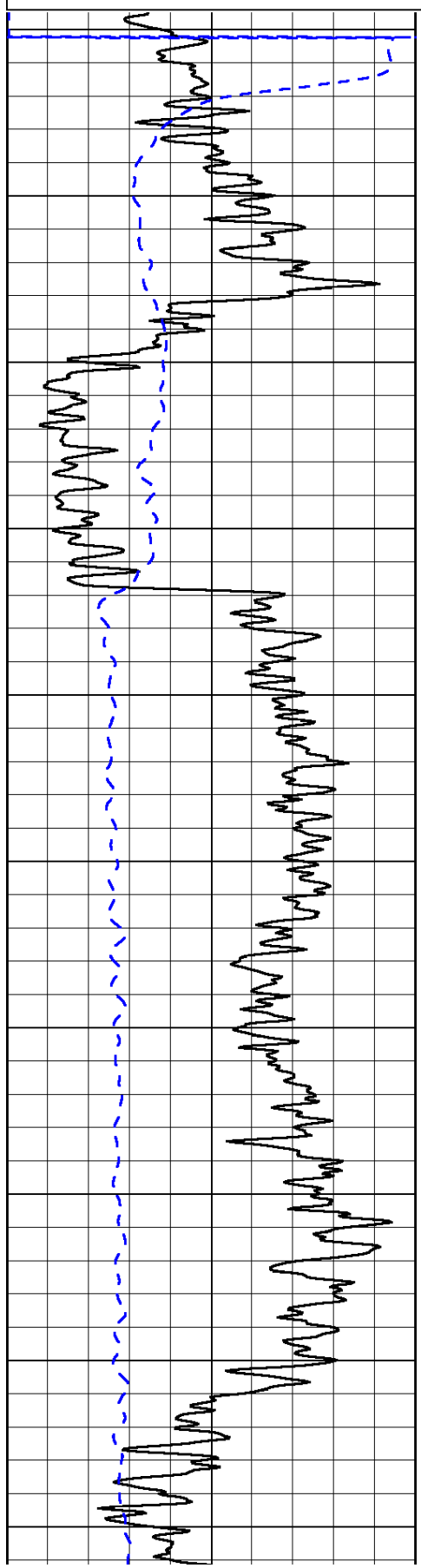
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-200	SP (mV)	0

0	Shallow Resistivity	50
0	Deep Resistivity	50

LSPD

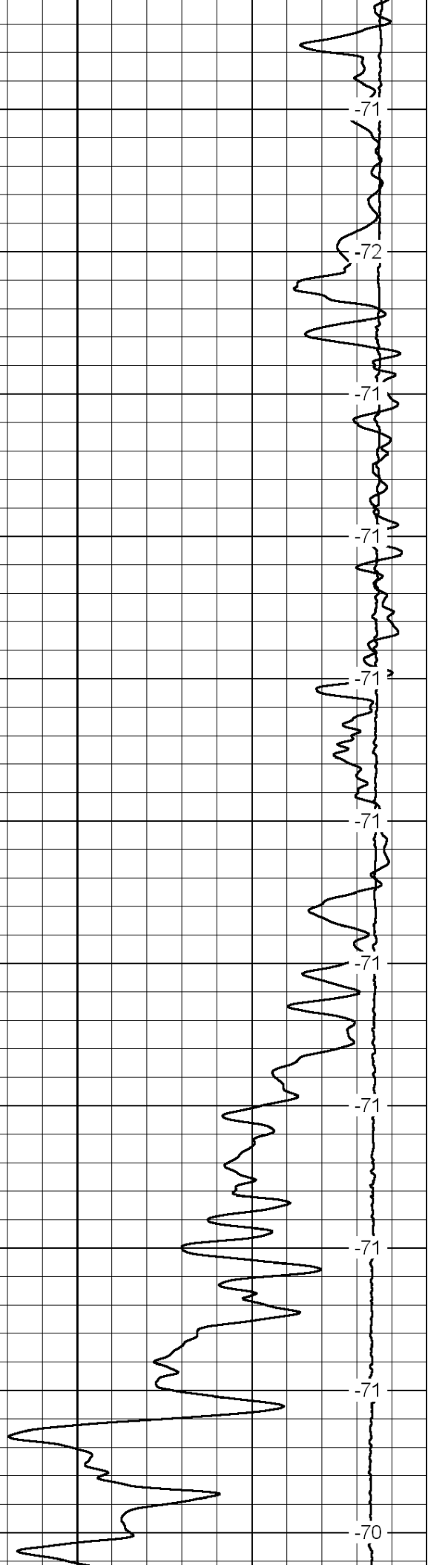
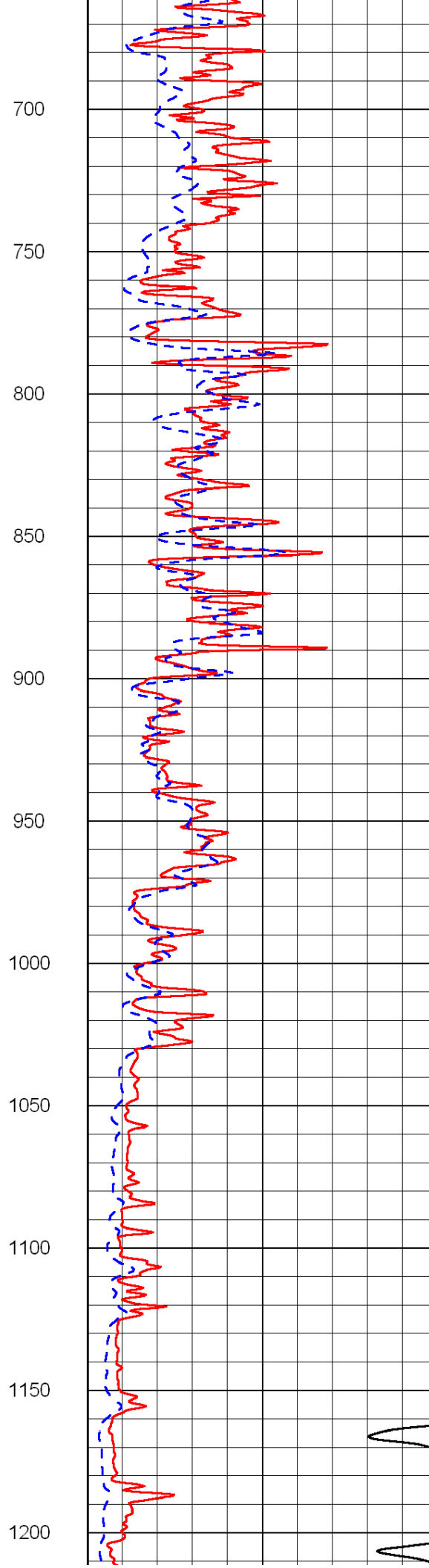
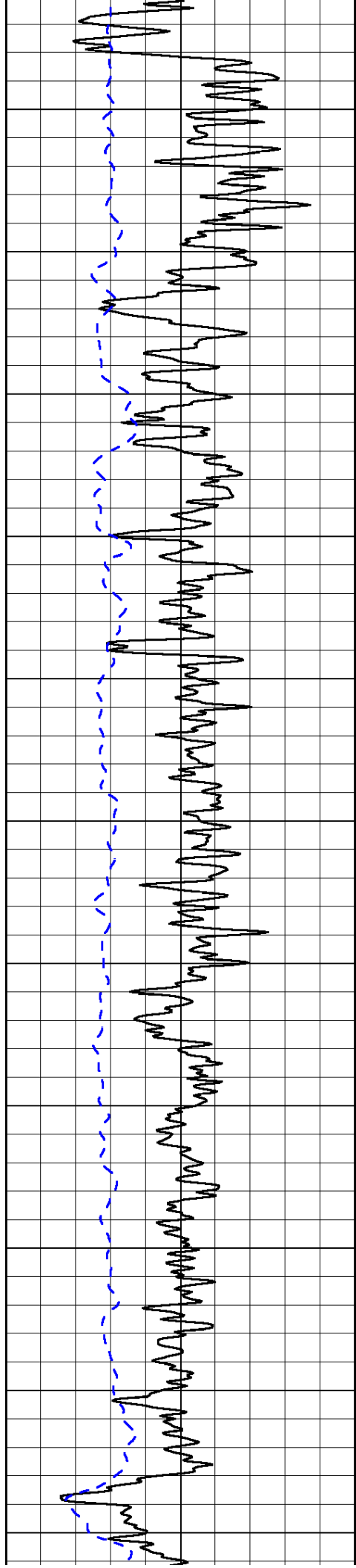
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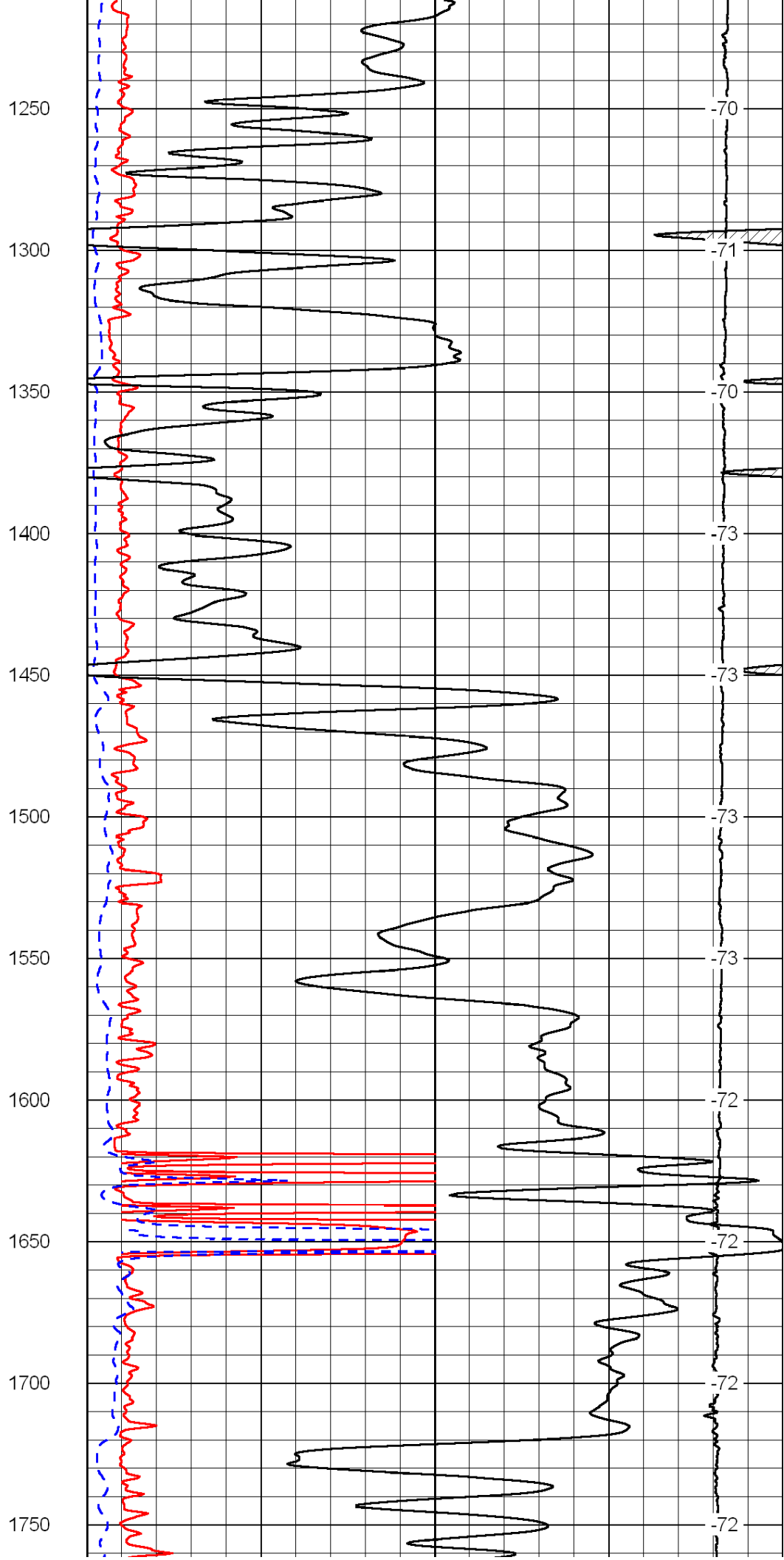
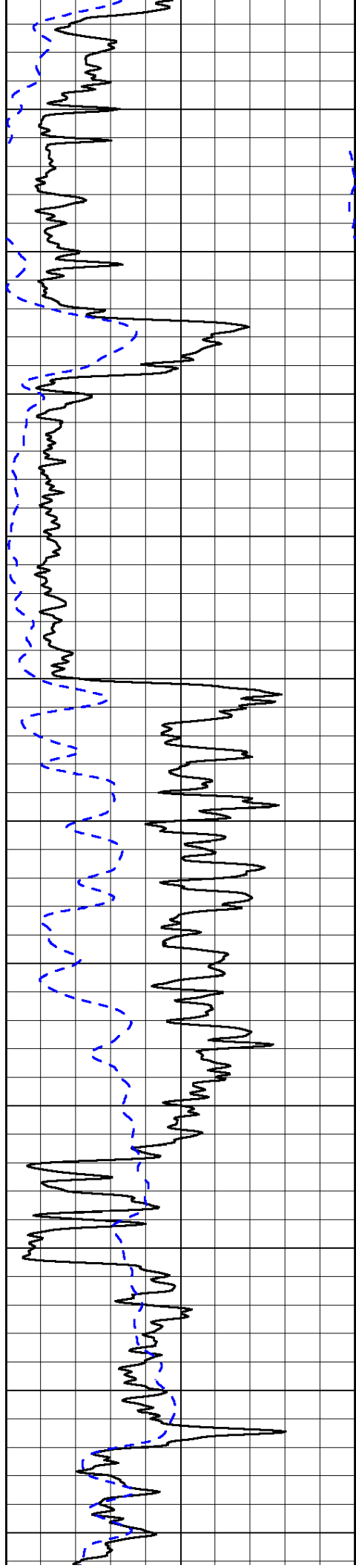
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50	Deep Resistivity	500



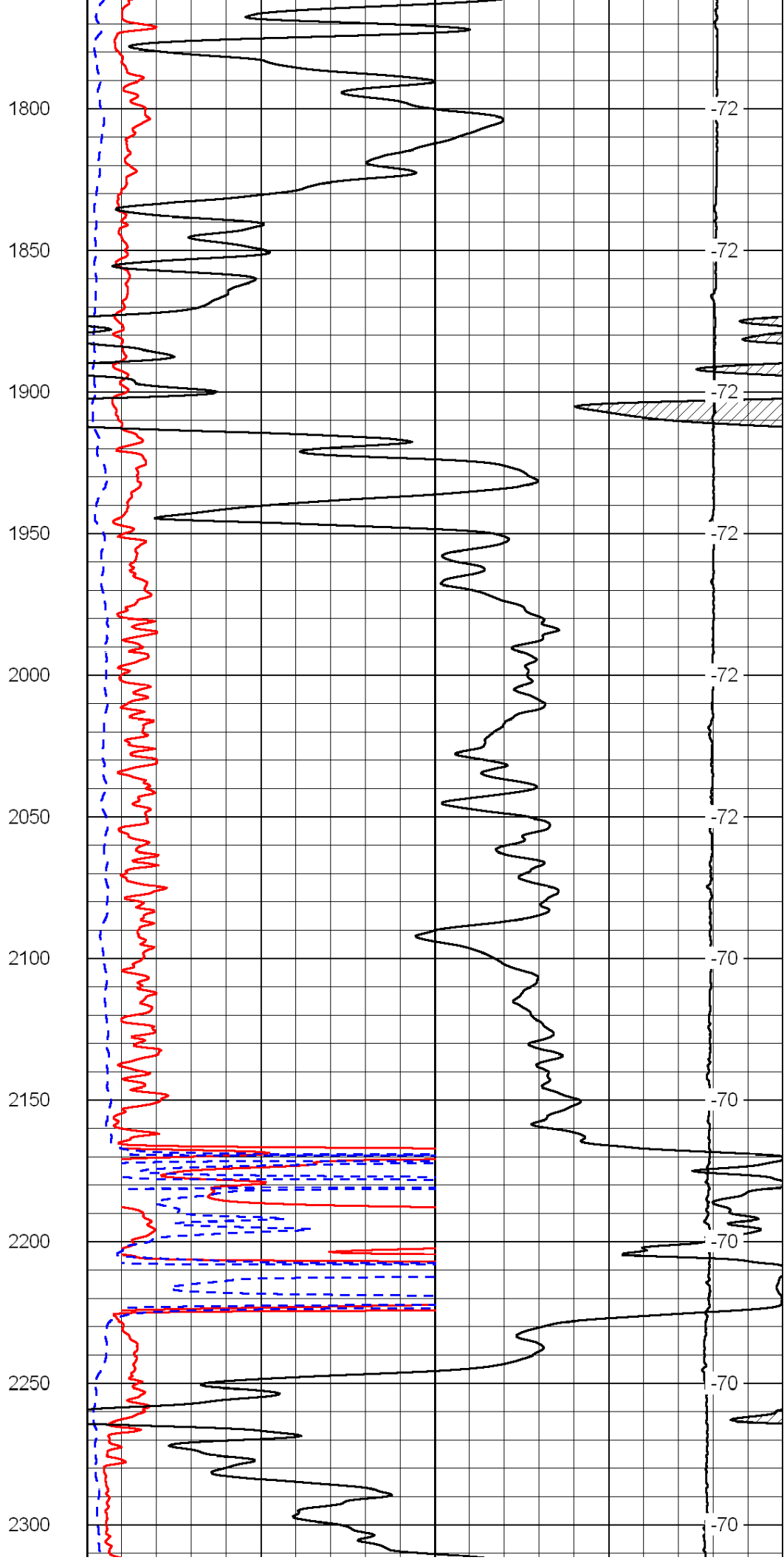
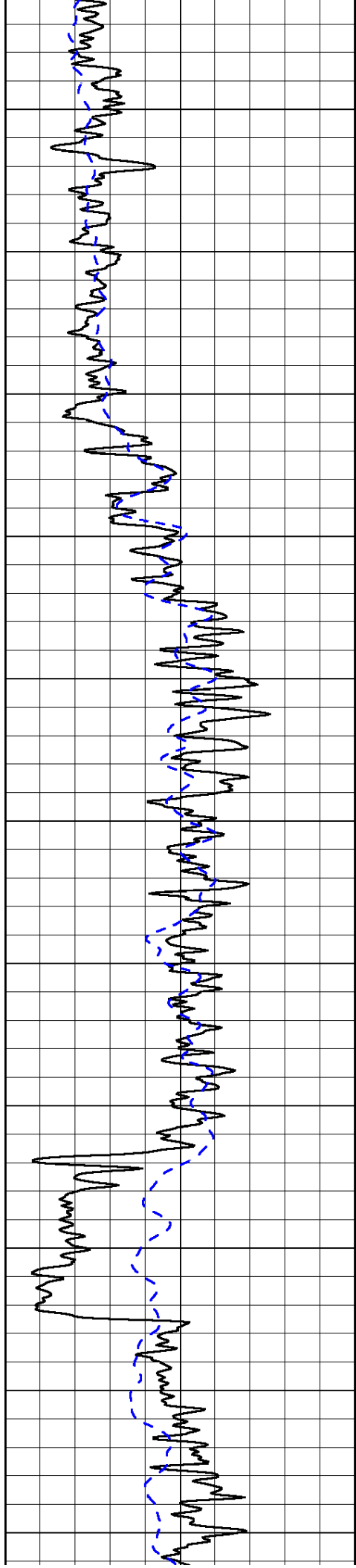
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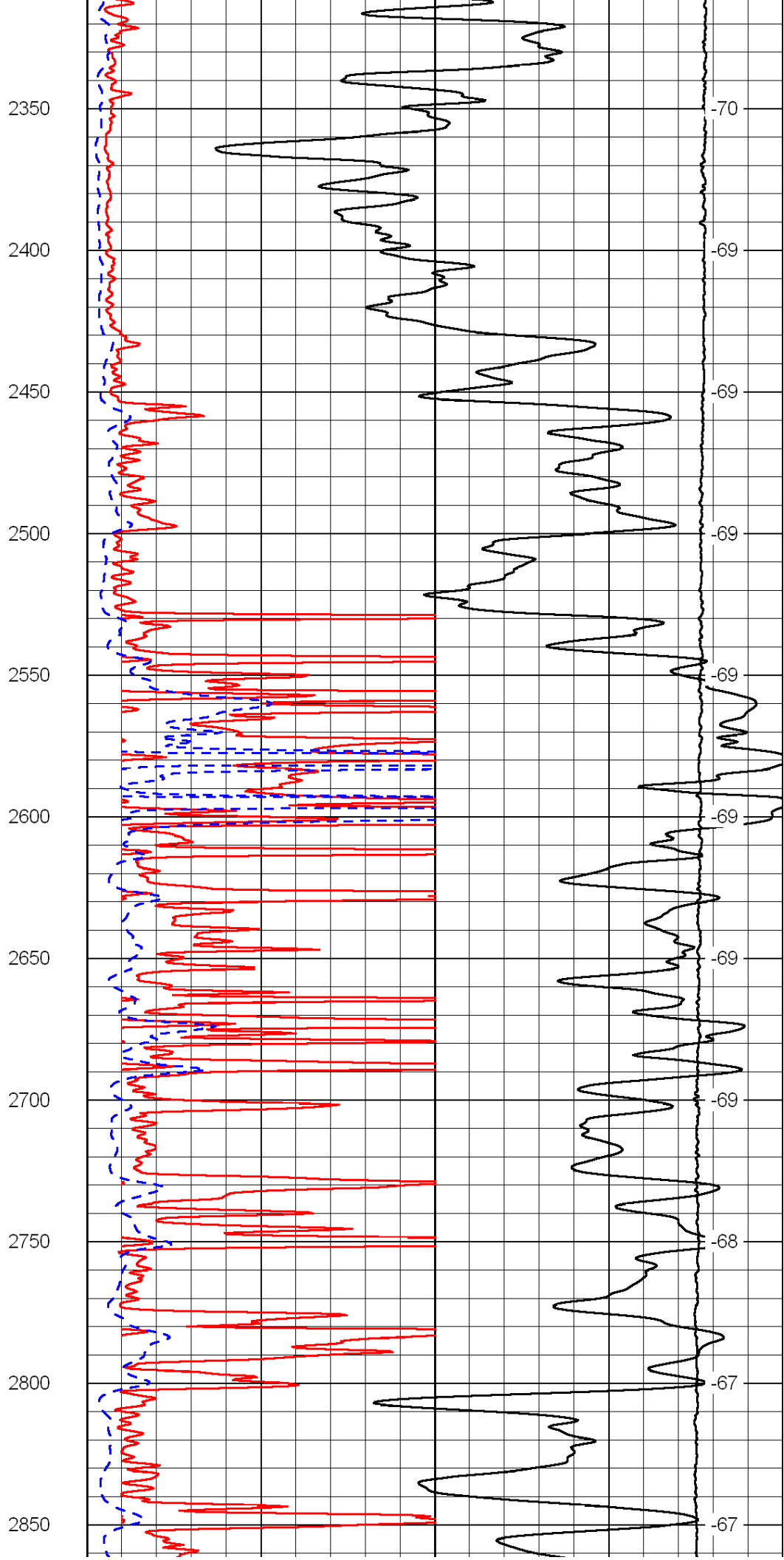
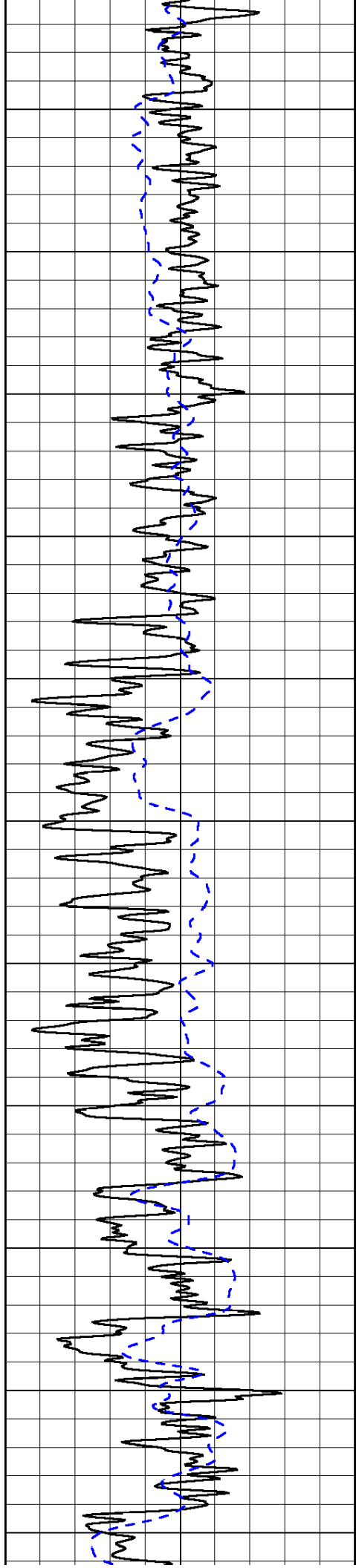
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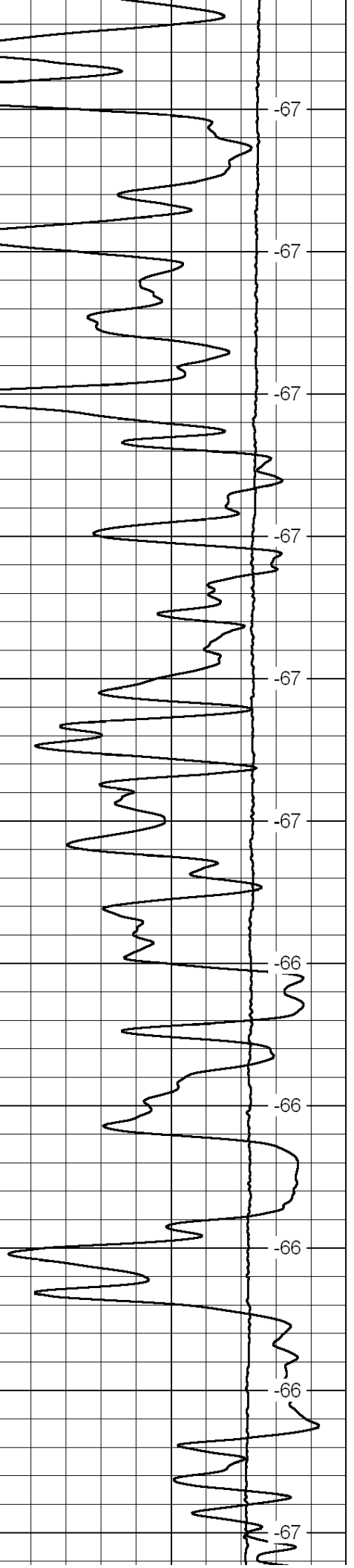
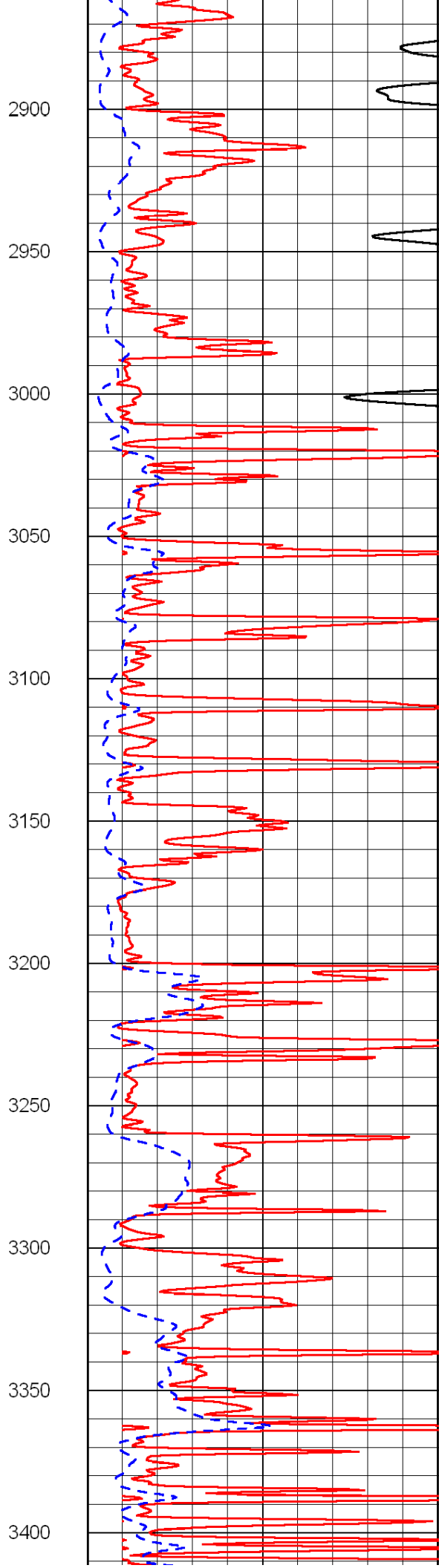
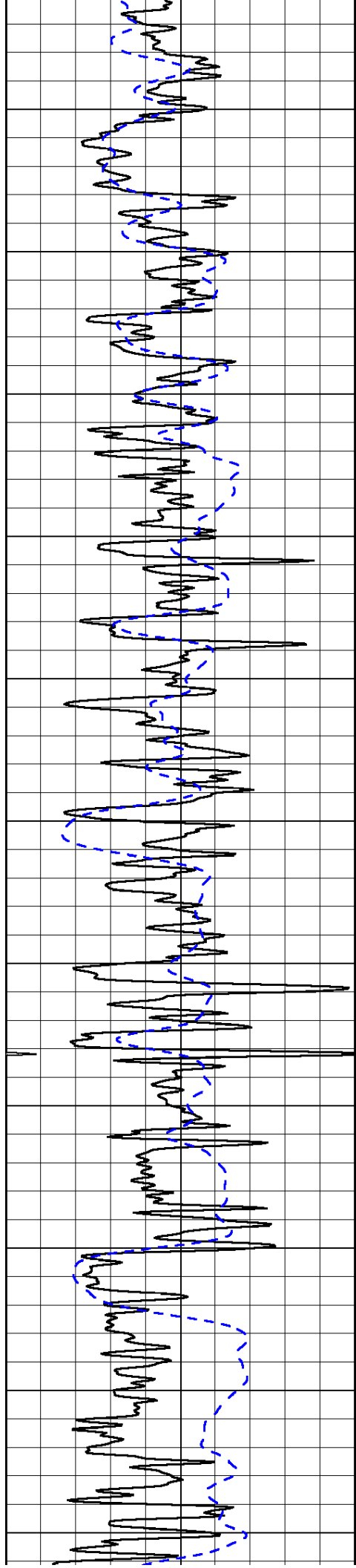


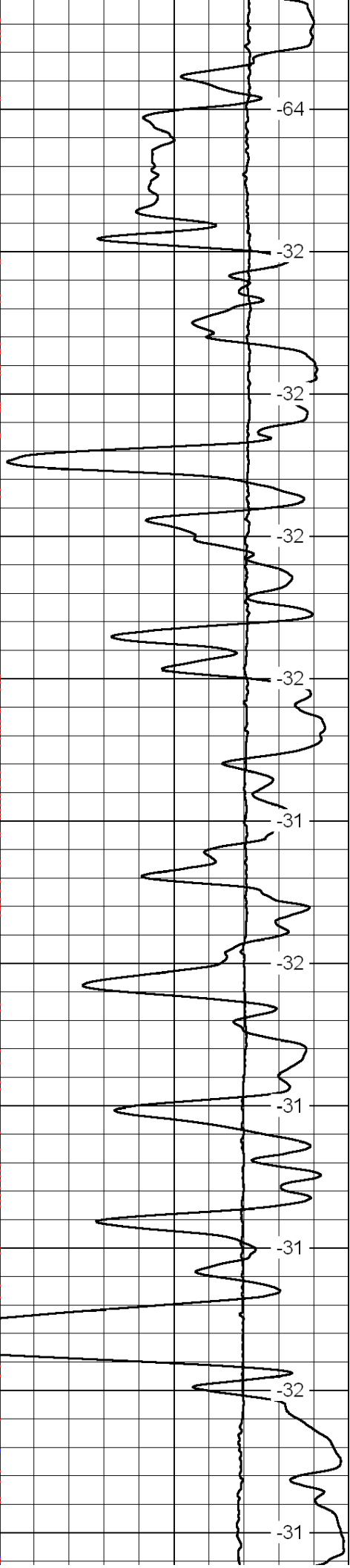
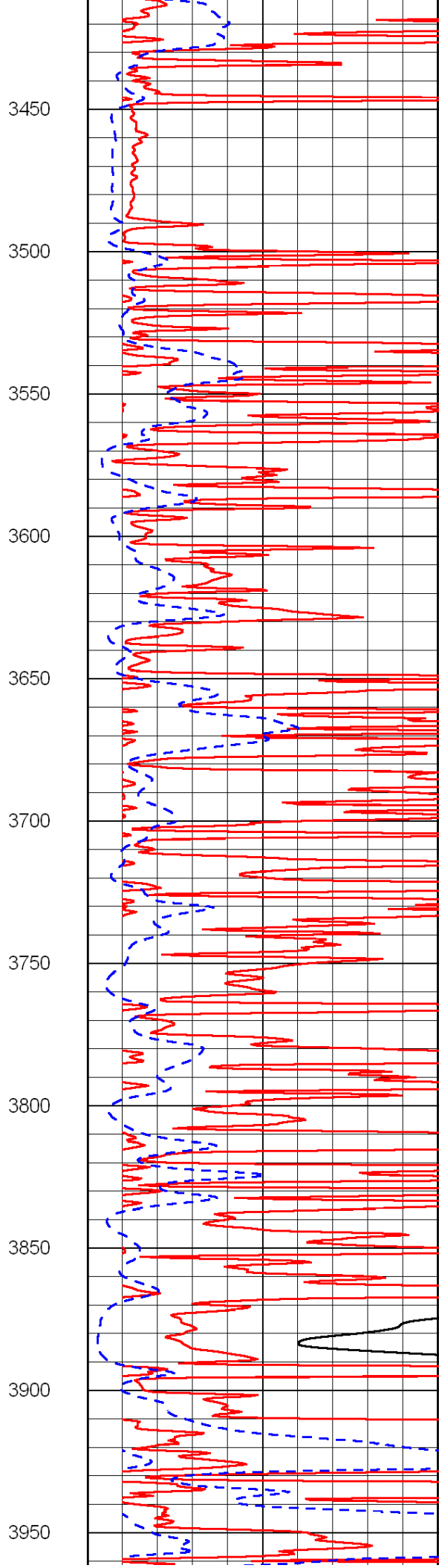
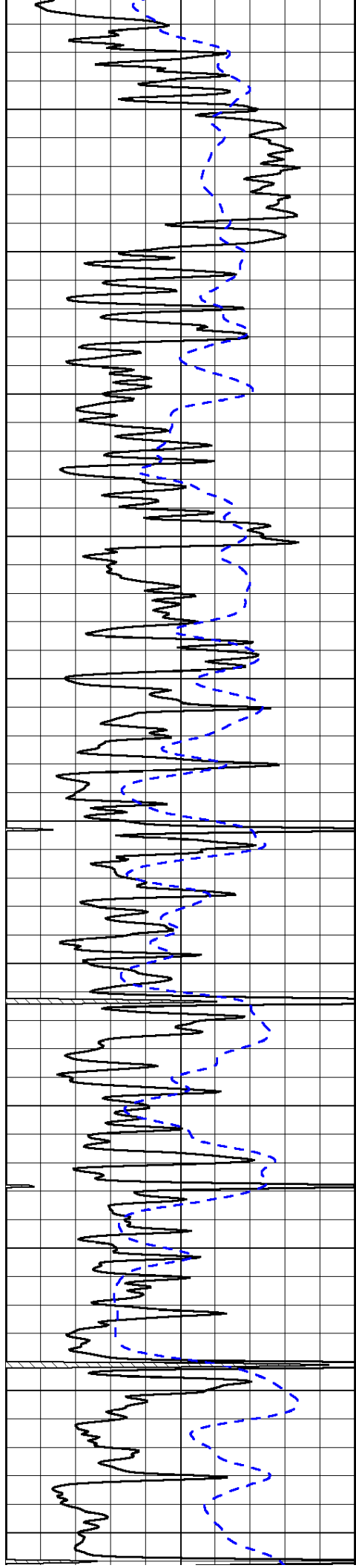


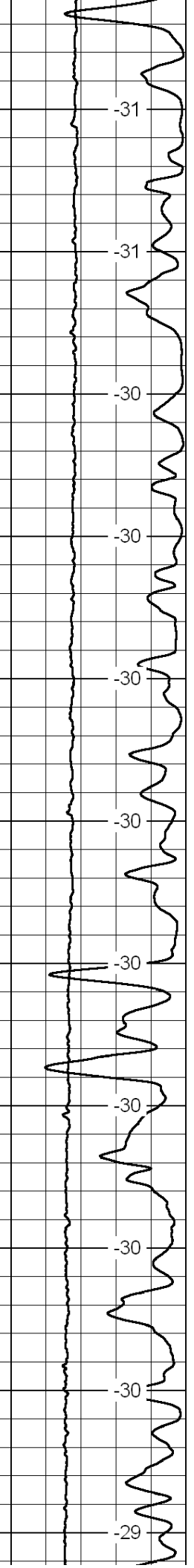
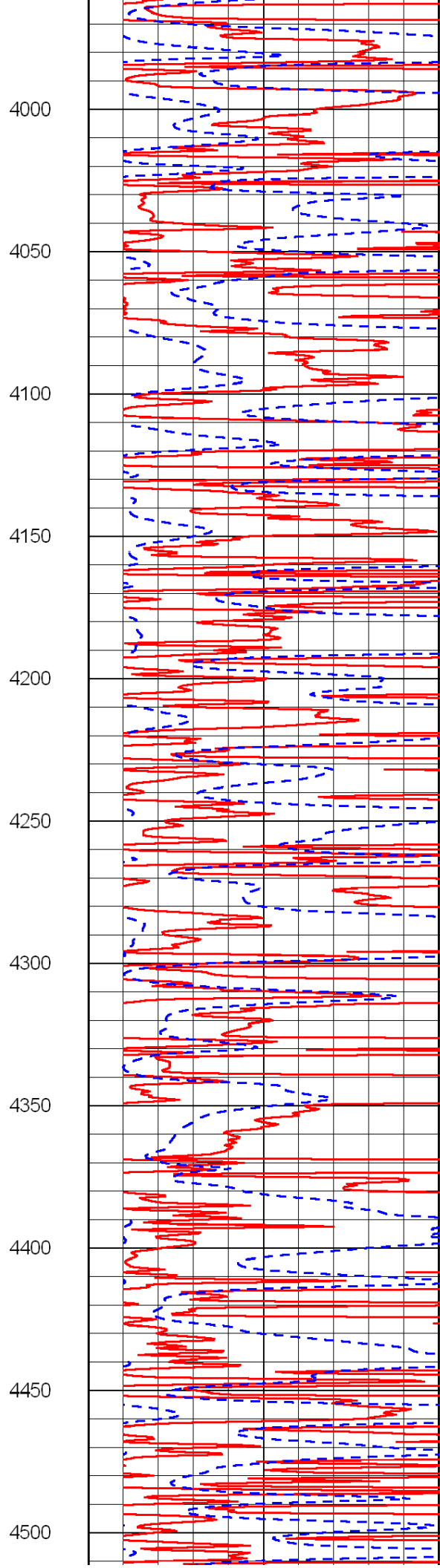
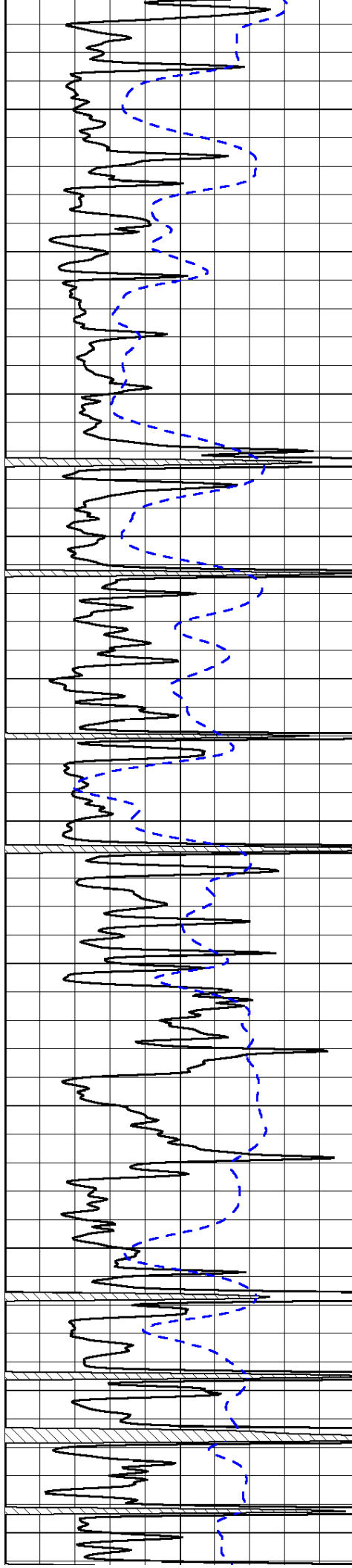


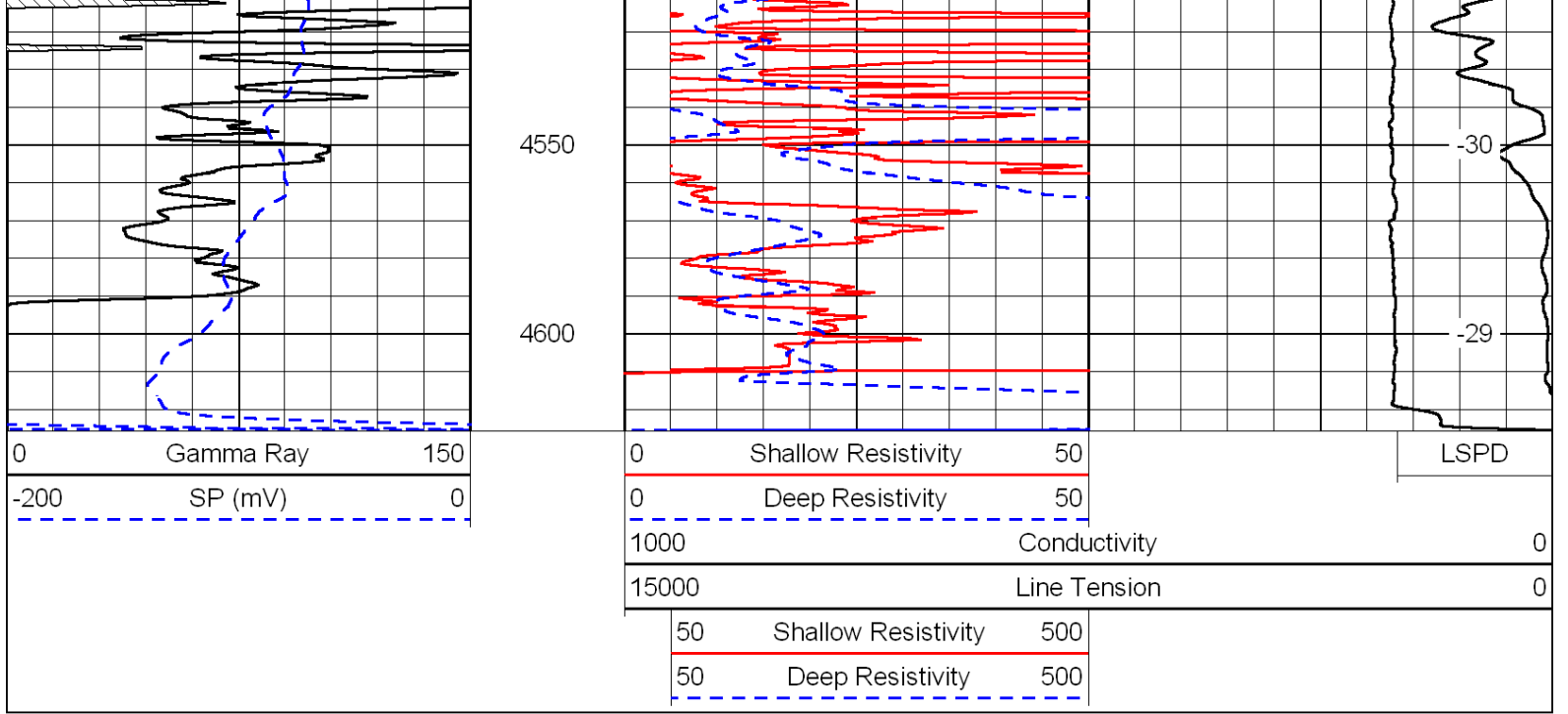




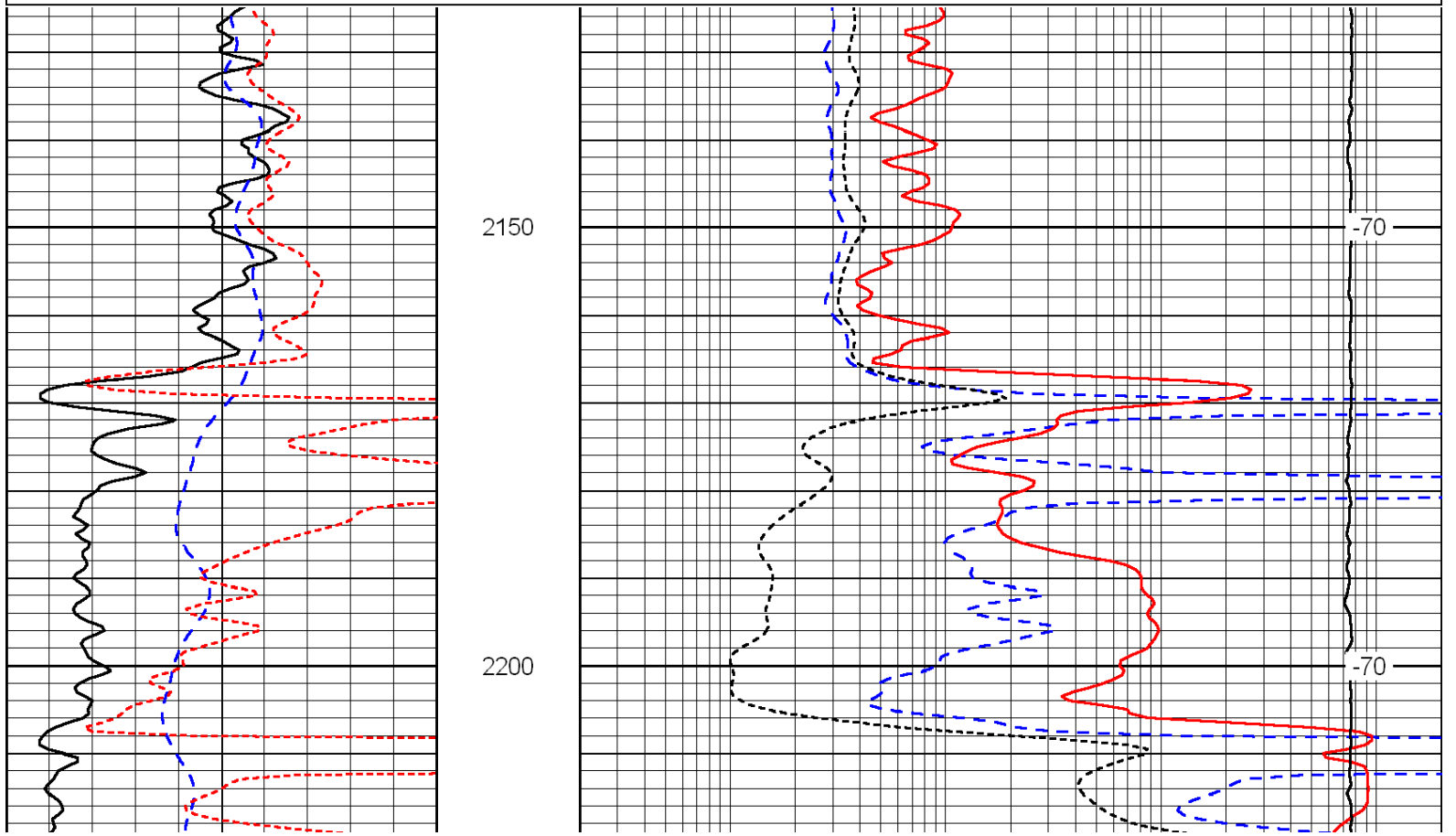
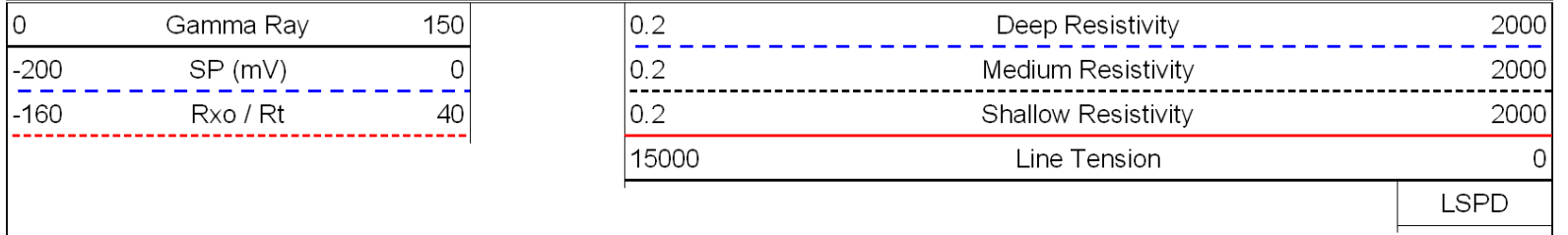


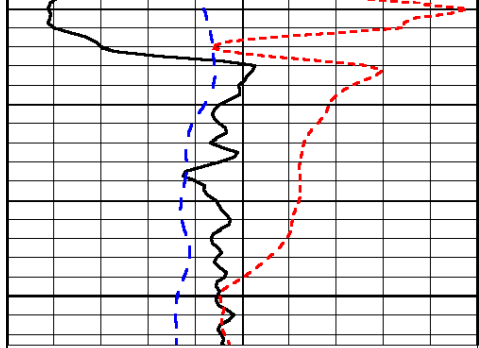






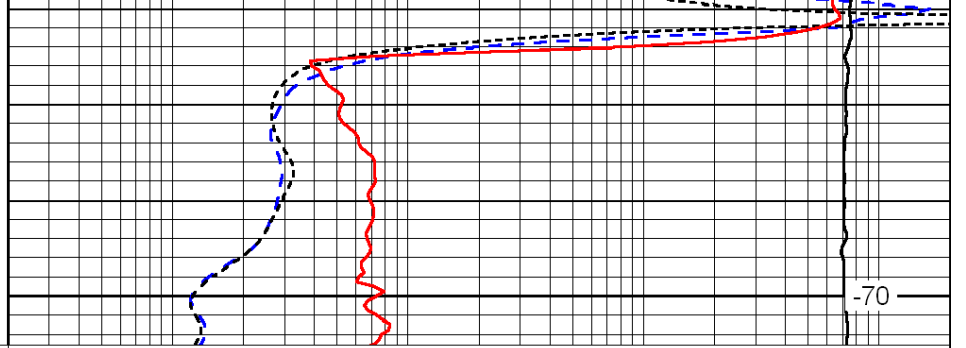
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 Dataset Creation: Fri Apr 22 22:01:46 2011  
 Charted by: Depth in Feet scaled 1:240





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

2250



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

-70

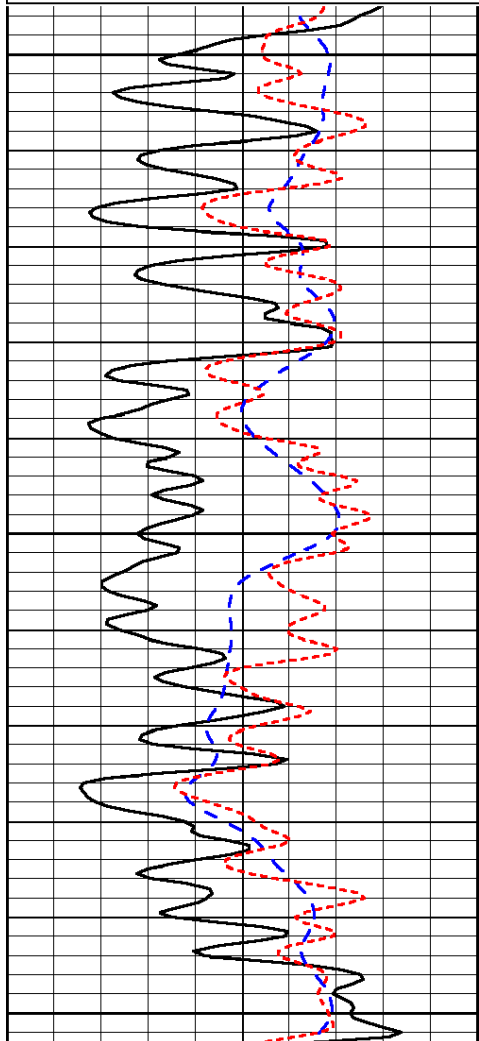
LSPD

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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

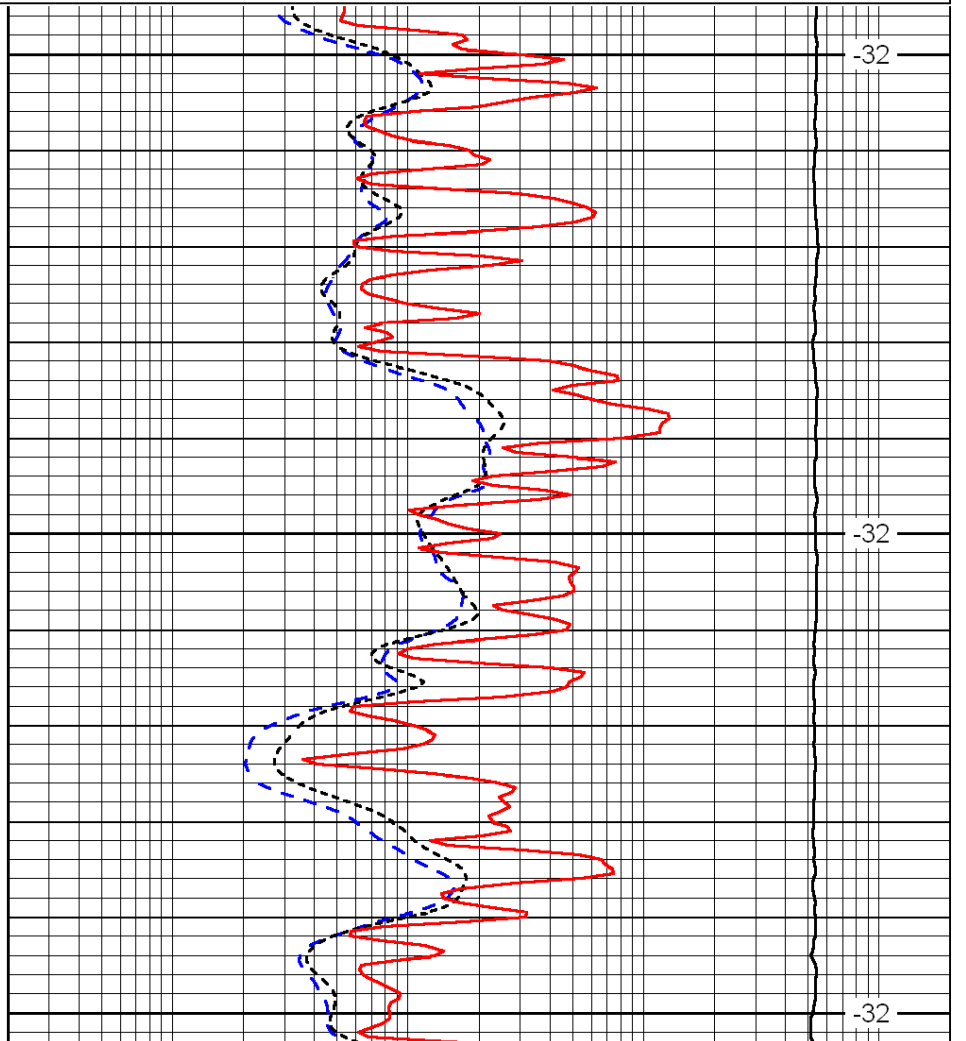
LSPD



3500

3550

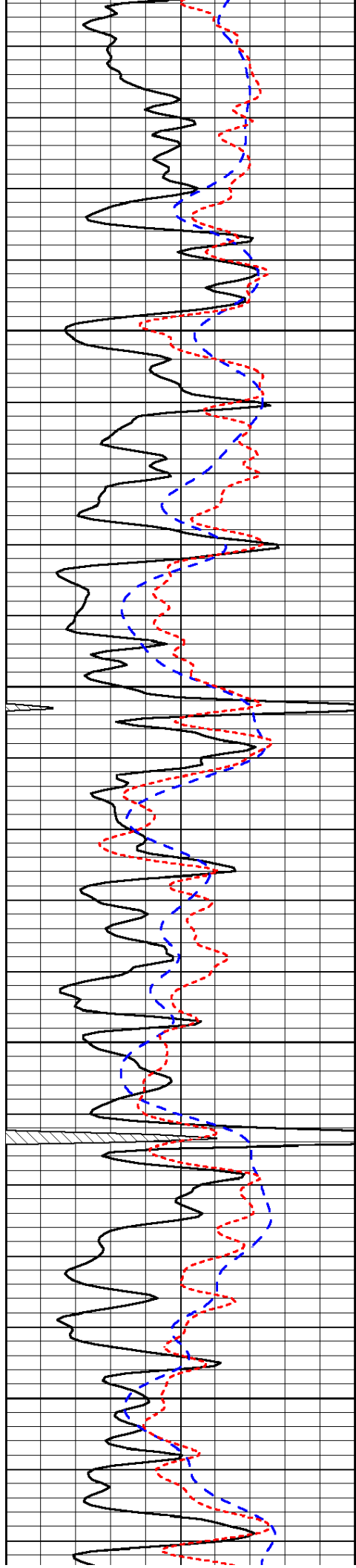
3600



-32

-32

-32

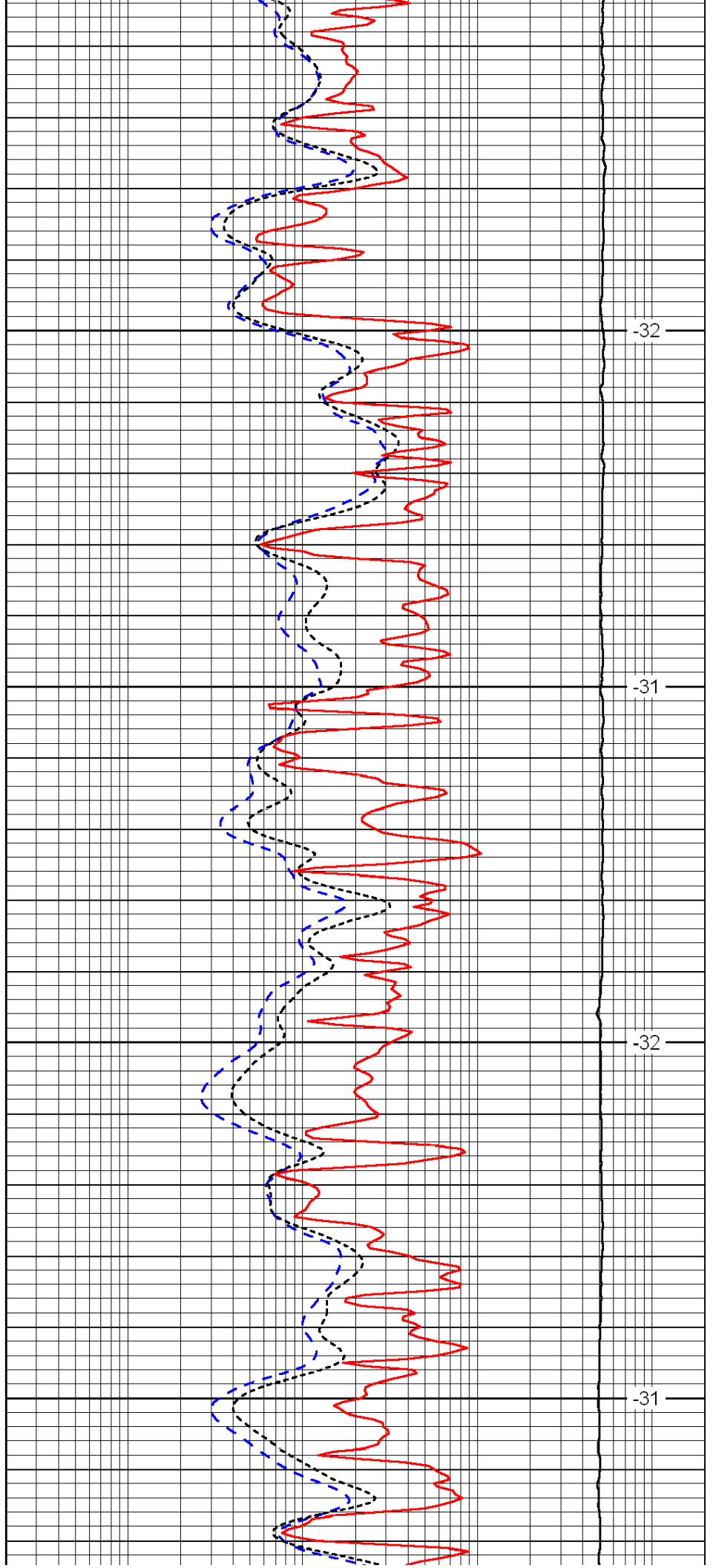


3650

3700

3750

3800



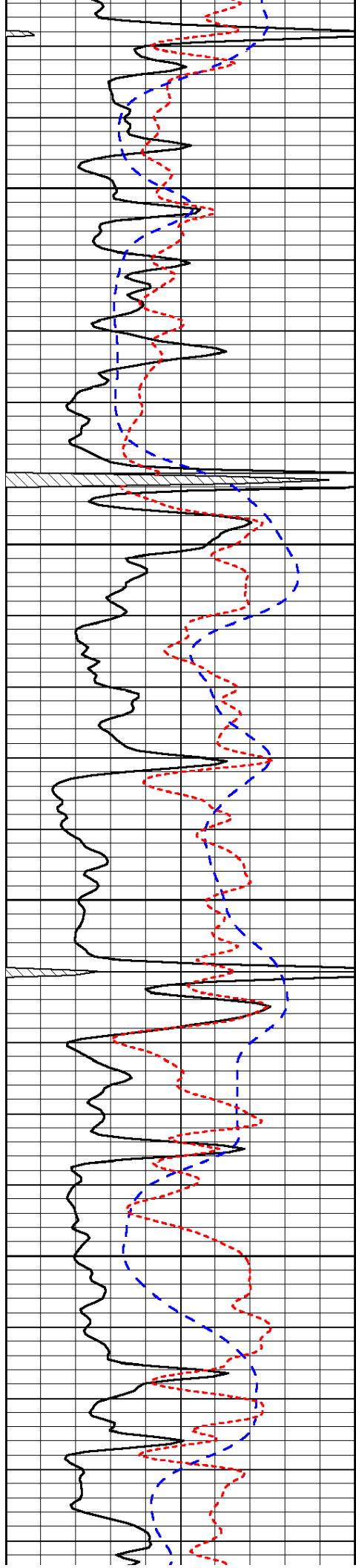
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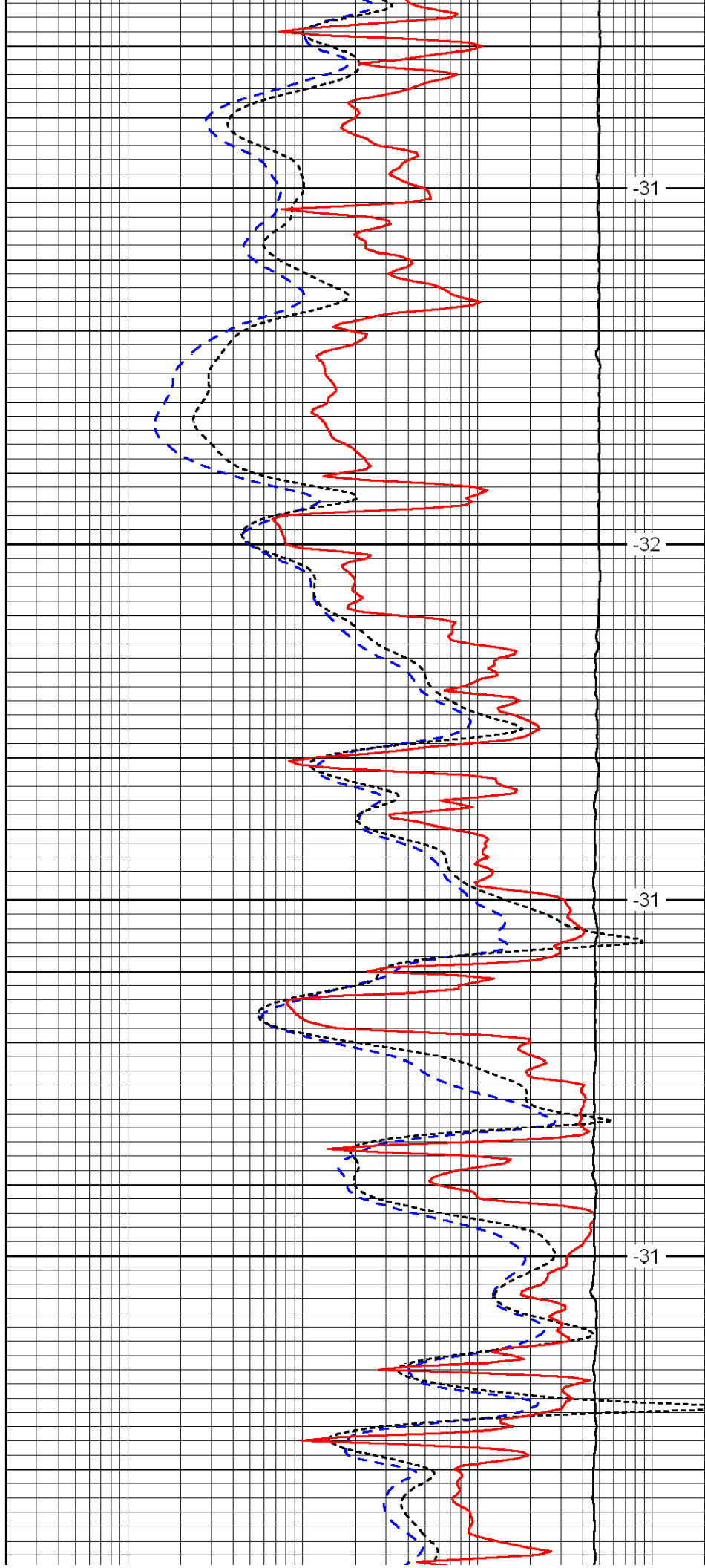


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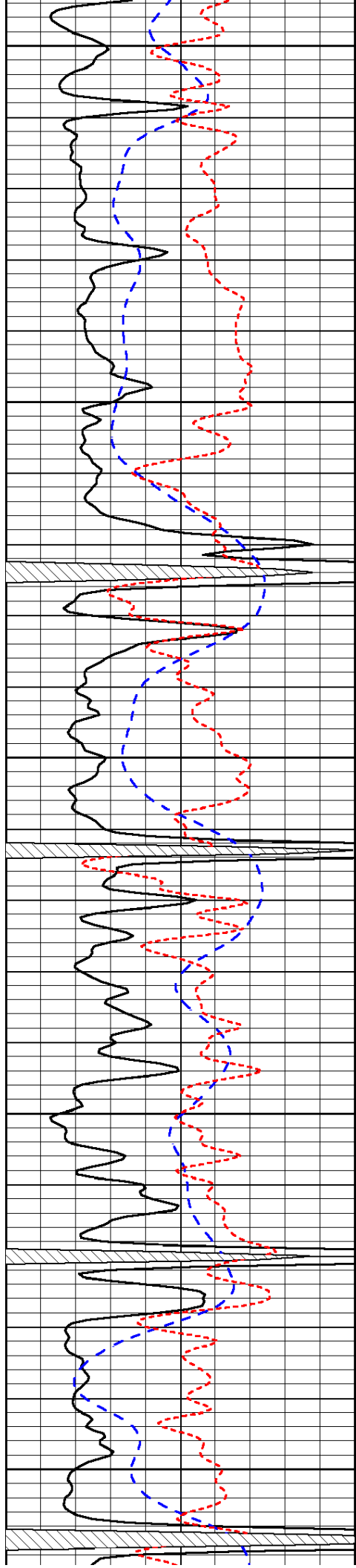


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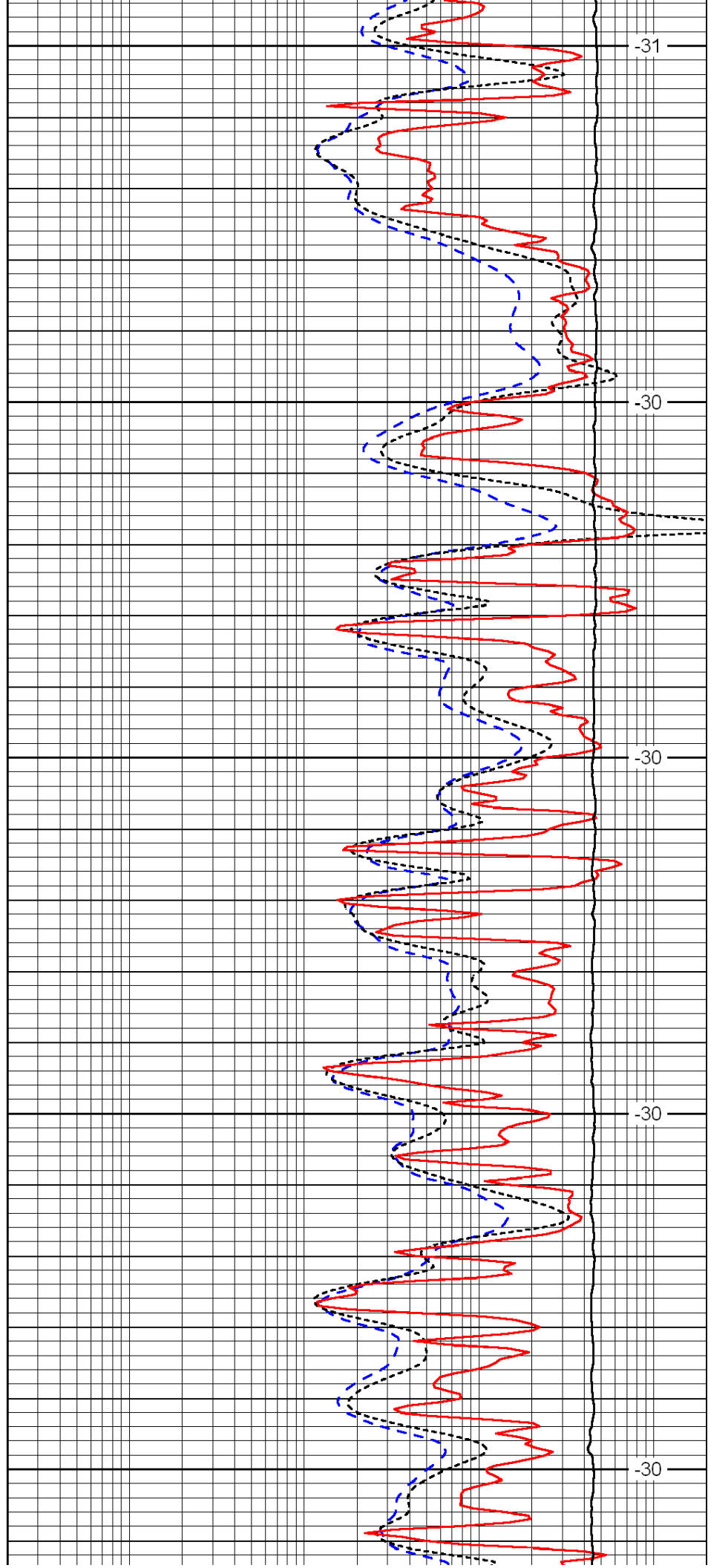
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4100

4150

4200

4250



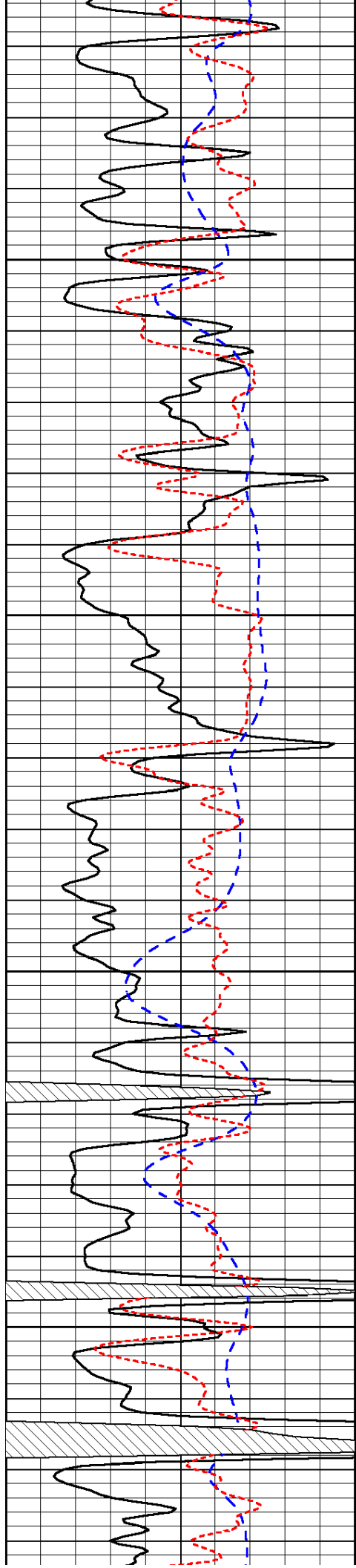
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-30

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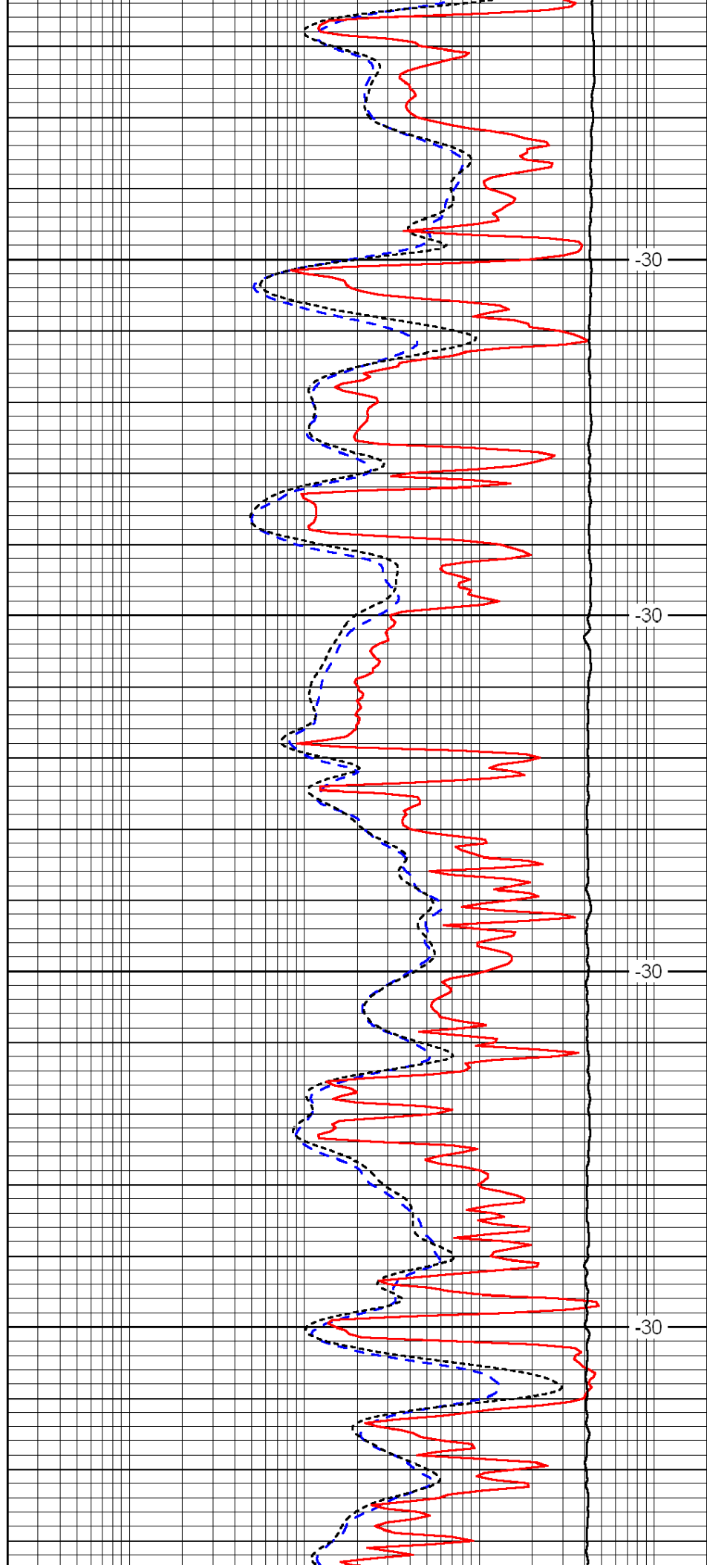


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4400

4450

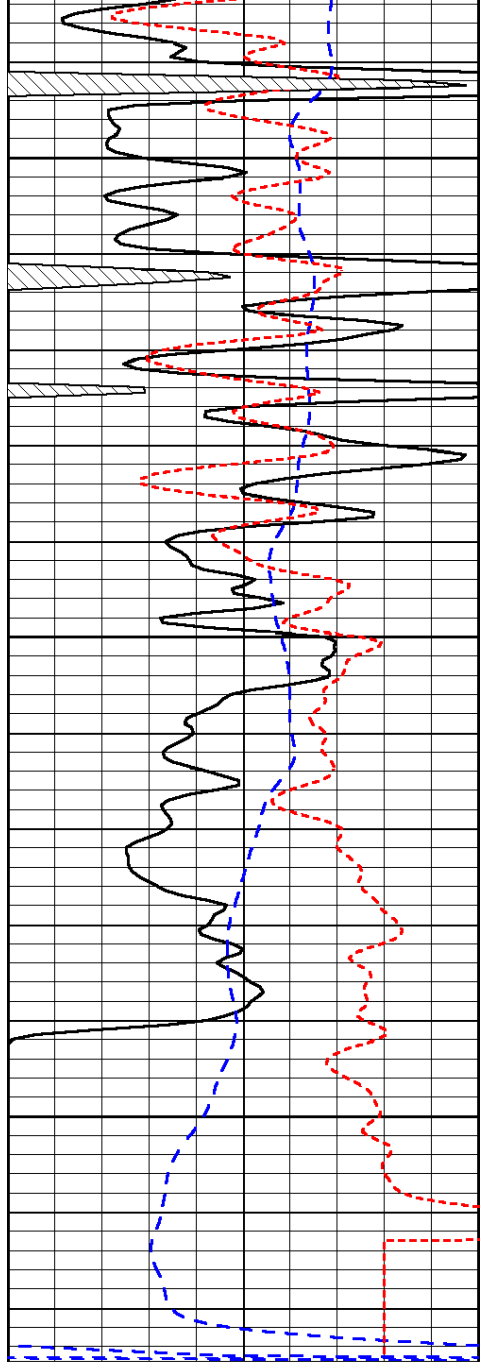


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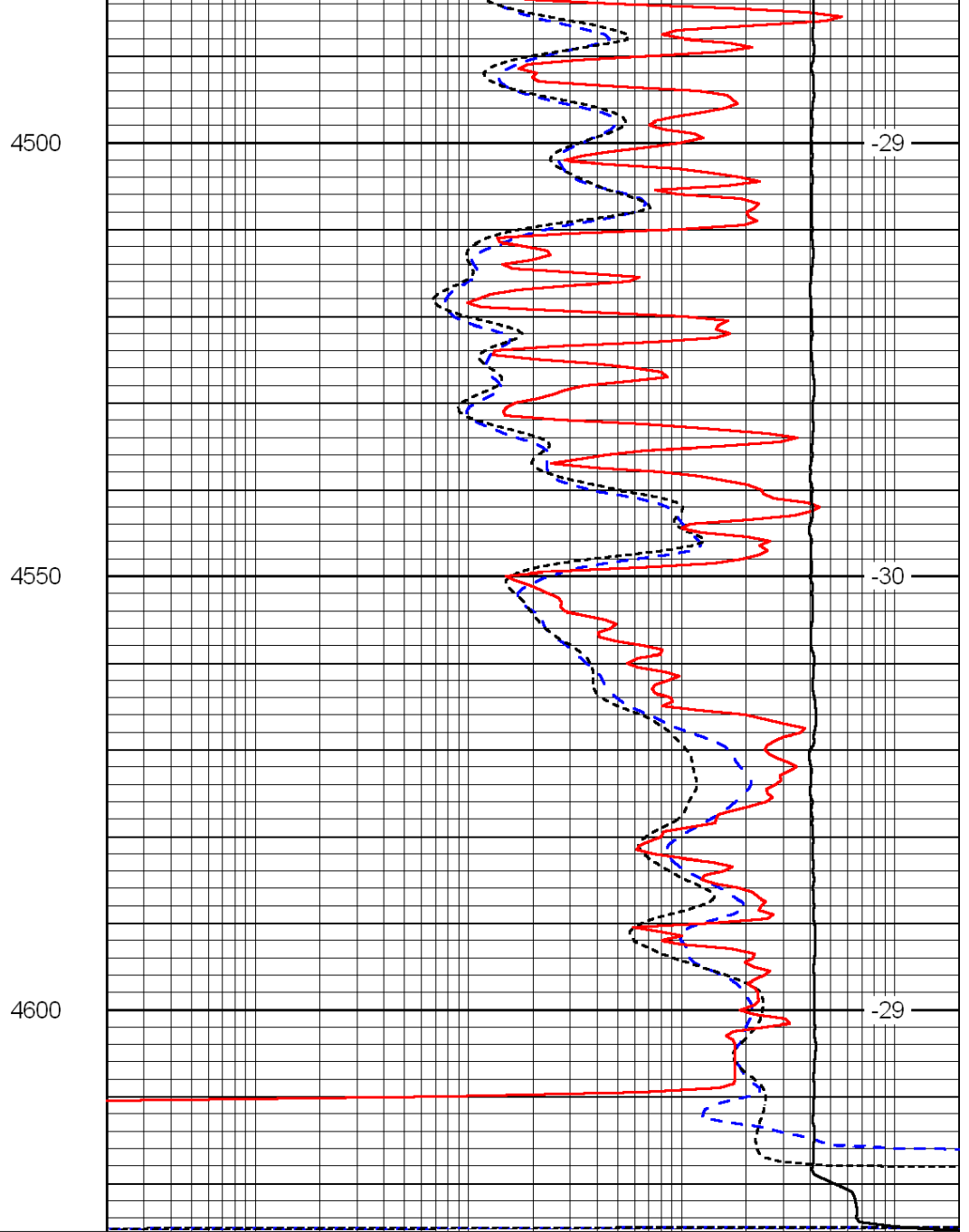
-30

-30

-30



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

LSPD



Dual Compensated  
Porosity Log

DIGITAL LOG (785) 625-3858

API No. 15-101-22288-00-00

Company Flatirons Resources, LLC  
Well Hansen #24-28  
Field Wildcat  
County Lane State Kansas

Location W2 SE SE SW  
330' FSL / 2150' FWL  
Sec: 28 Twp: 18S Rge: 30W

Other Services  
DIL  
MEL / BHCS

Permanent Datum Ground Level Elevation 2881  
Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum  
Drilling Measured From Kelly Bushing

K.B. 2888  
D.F.  
G.L. 2881

Date 4/22/2011  
Run Number One  
Type Log CNL / CDL  
Depth Driller 4620  
Depth Logger 4619  
Bottom Logged Interval 4598  
Top Logged Interval 3500  
Type Fluid In Hole Chemical  
Salinity, PPM CL 4200  
Density 9.4  
Level Full  
Max. Rec. Temp. F 124  
Operating Rig Time 5 Hours  
Equipment -- Location 17 Hays  
Recorded By R. Barnhart  
Witnessed By Tim Priest

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	4620				

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

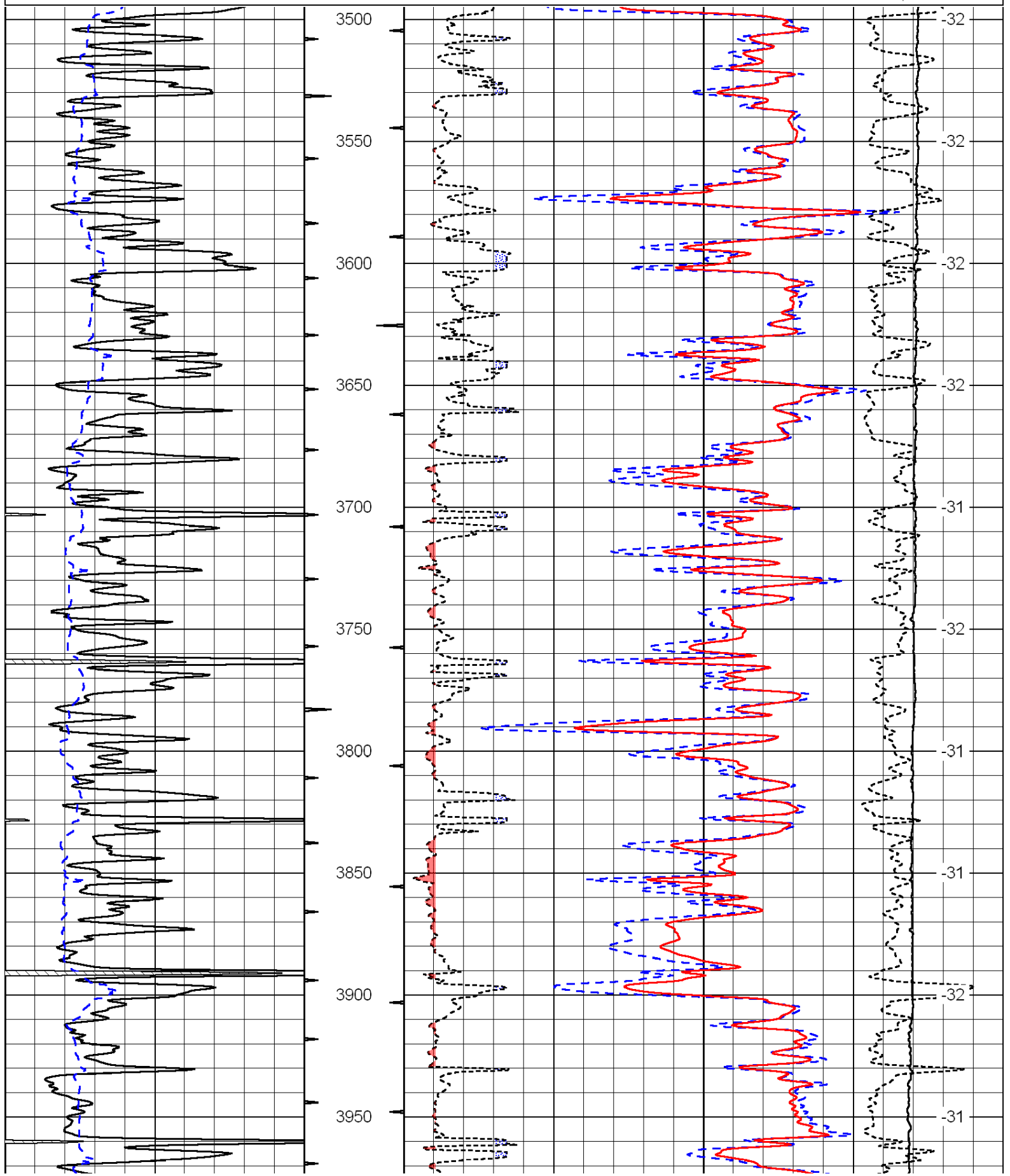
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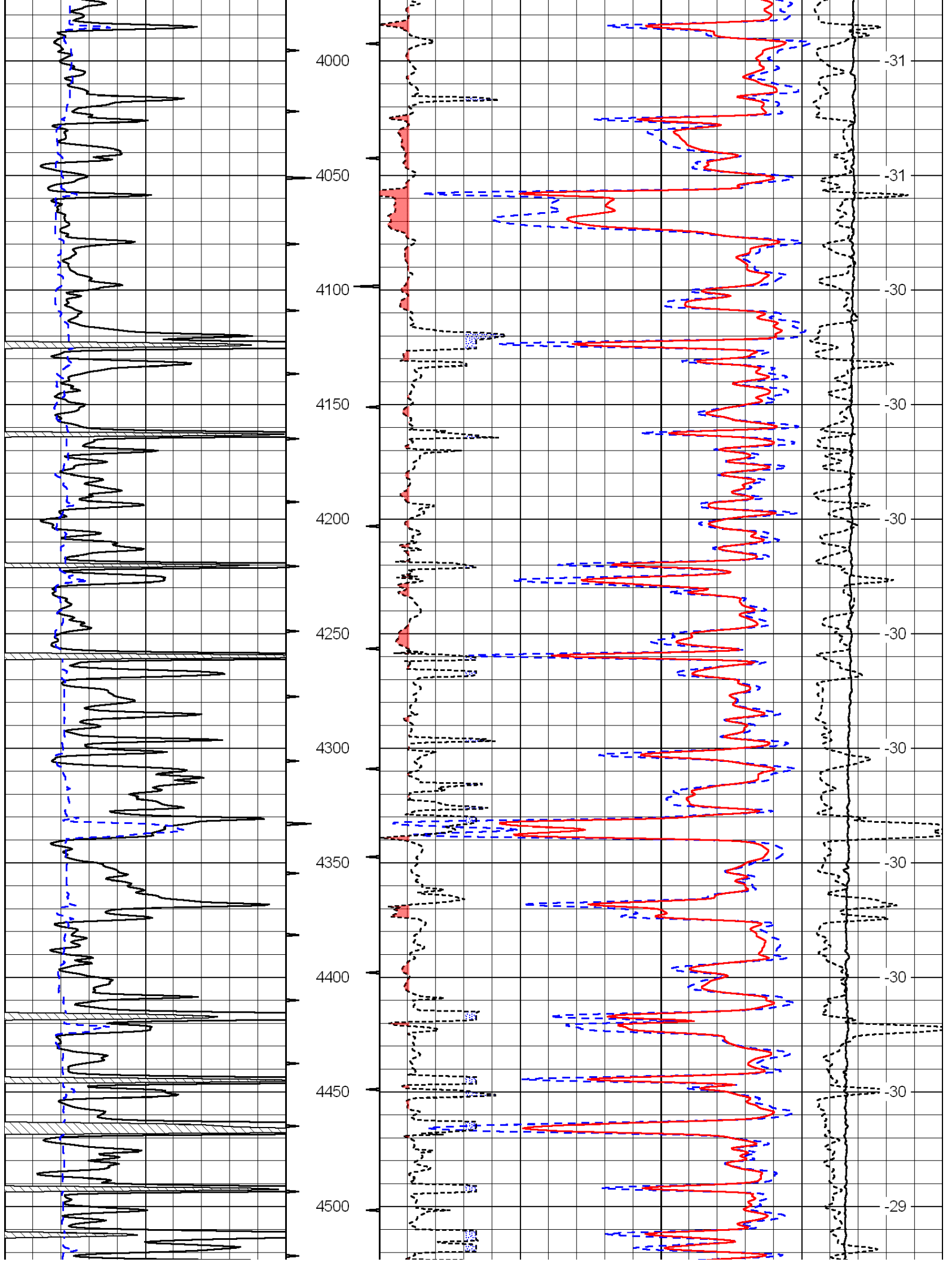
Thank you for using Log-Tech, Inc.  
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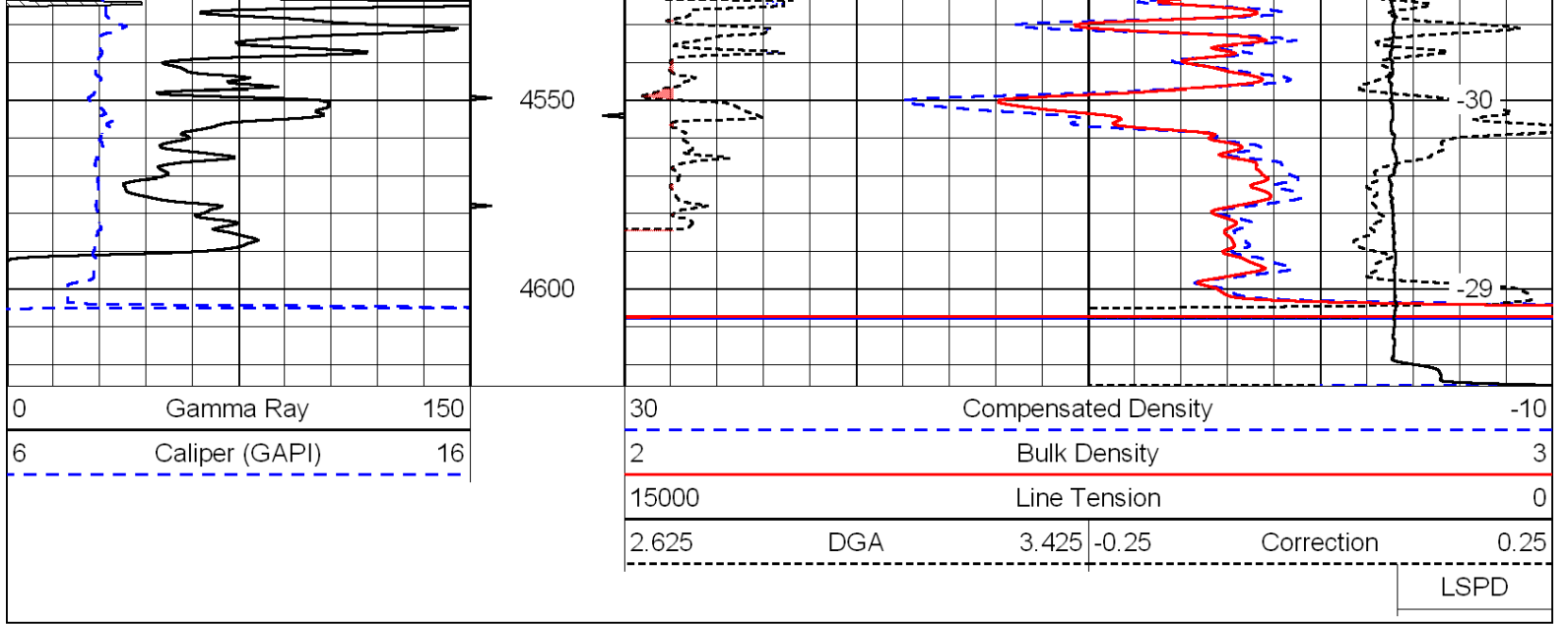
Dighton, KS:  
7W, 2S, 1 1/2W, N into

0	Gamma Ray	150
6	Caliper (GAPI)	16

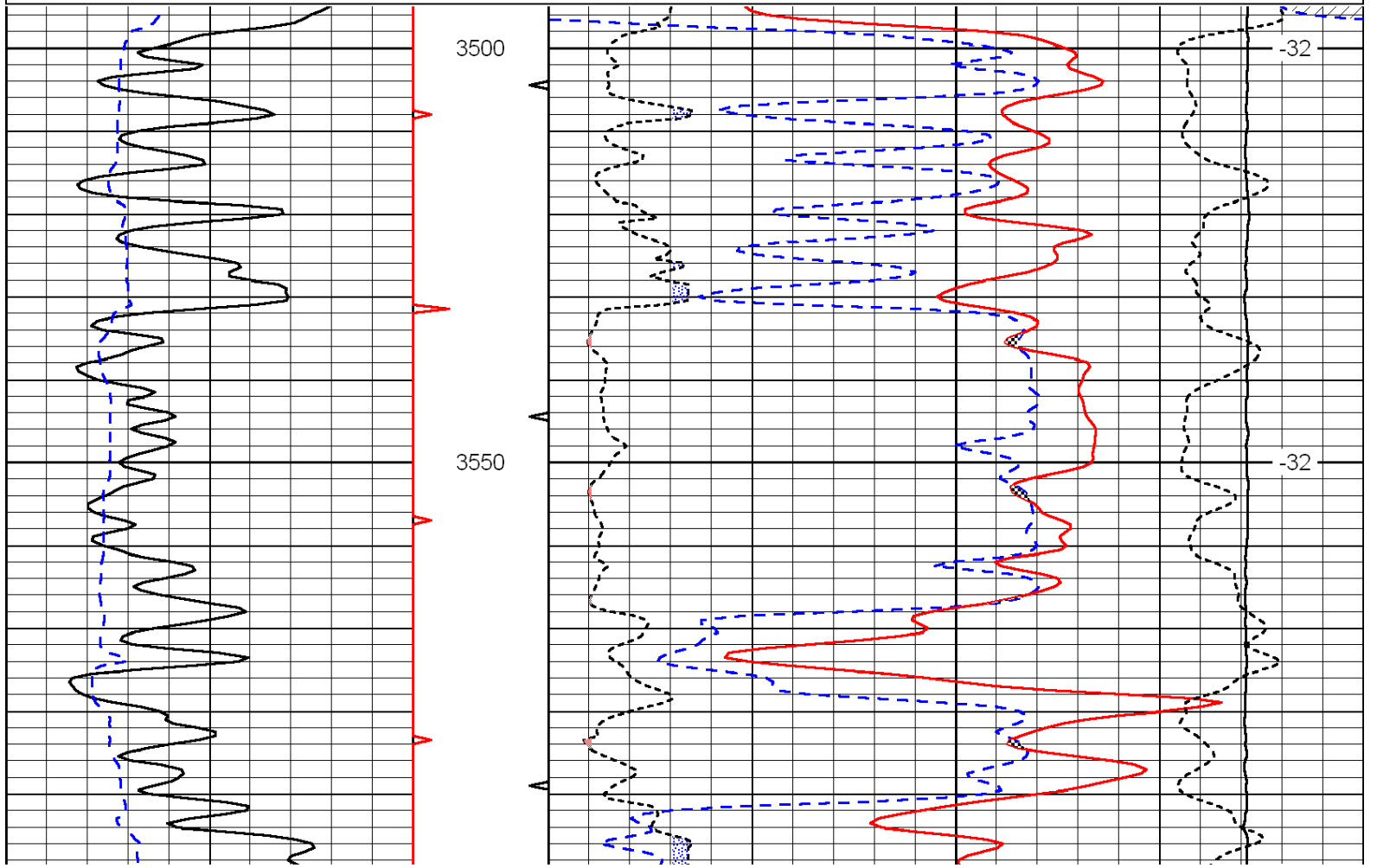
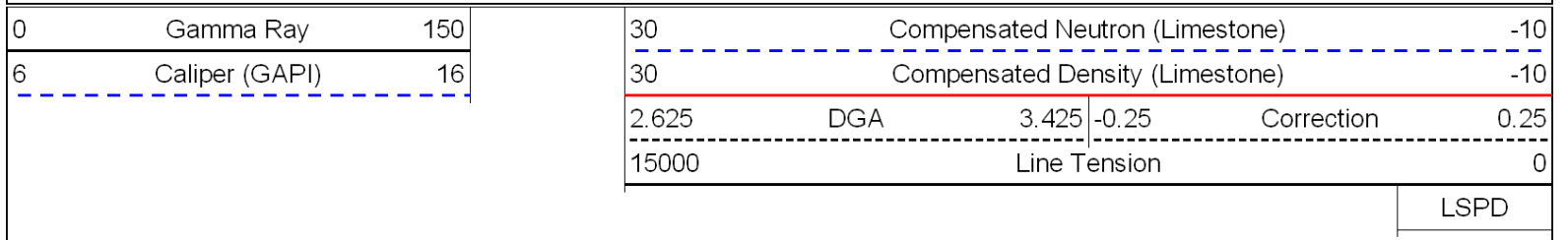
30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
Correction			0.25
LSPD			



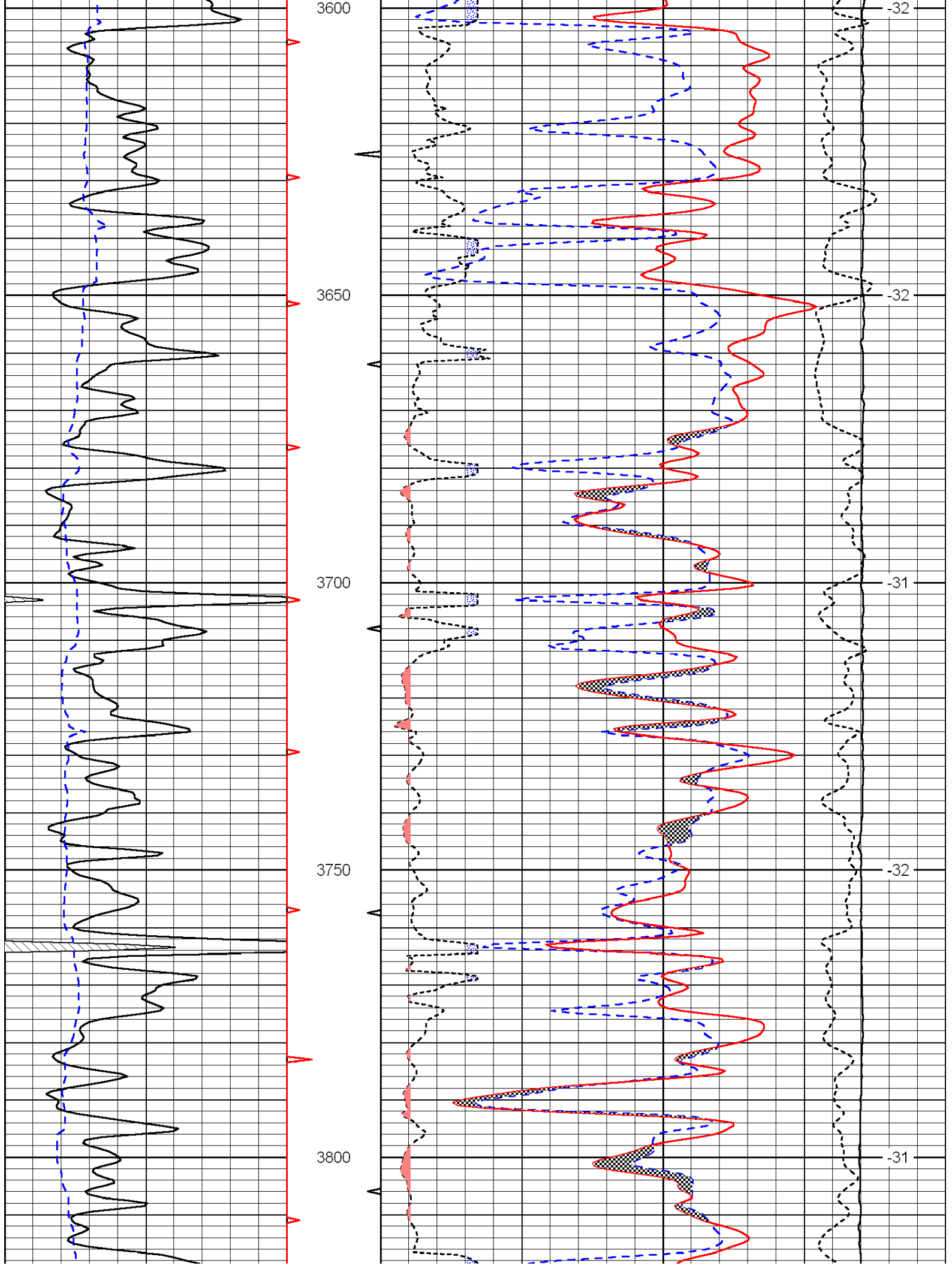


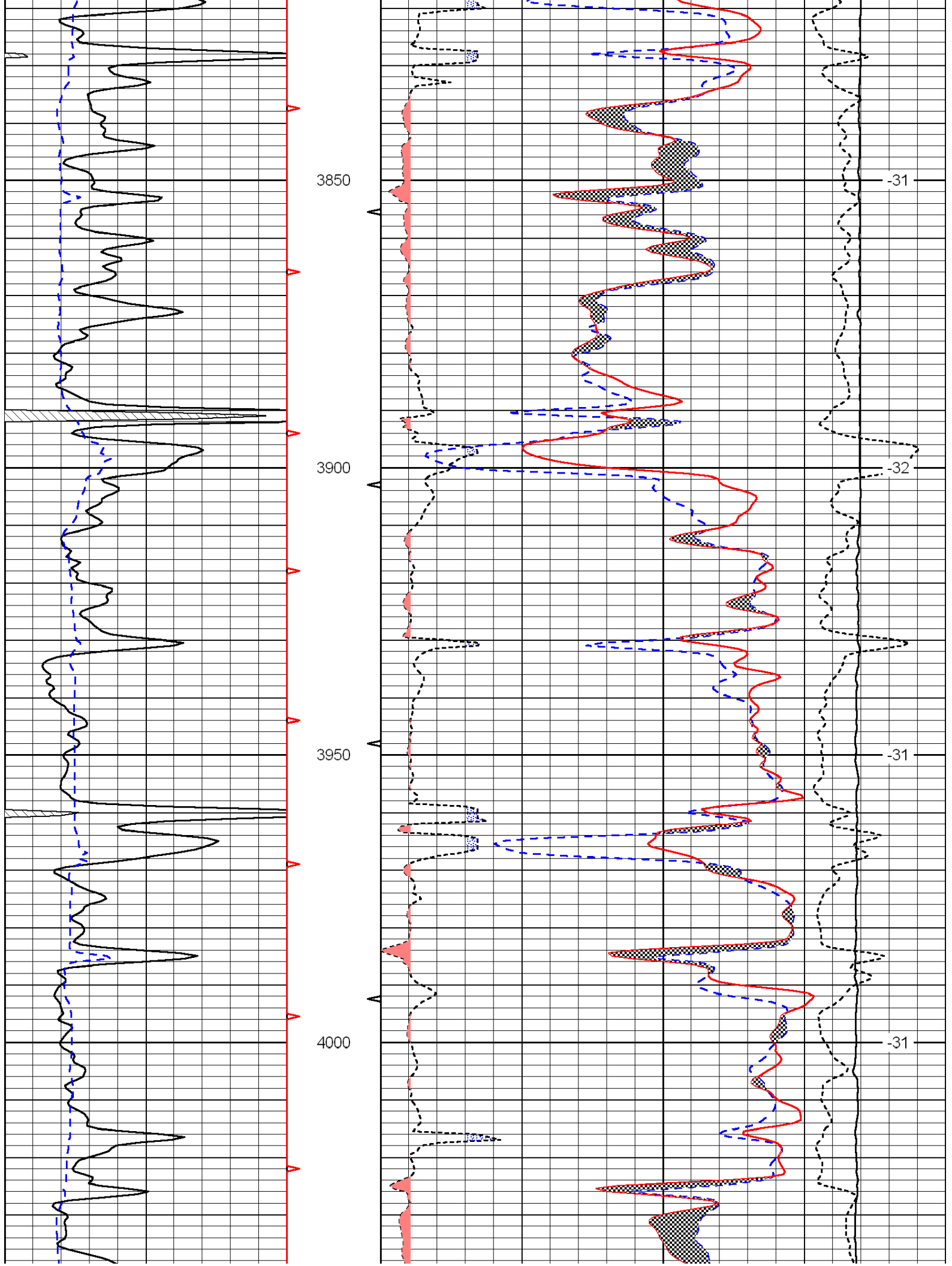


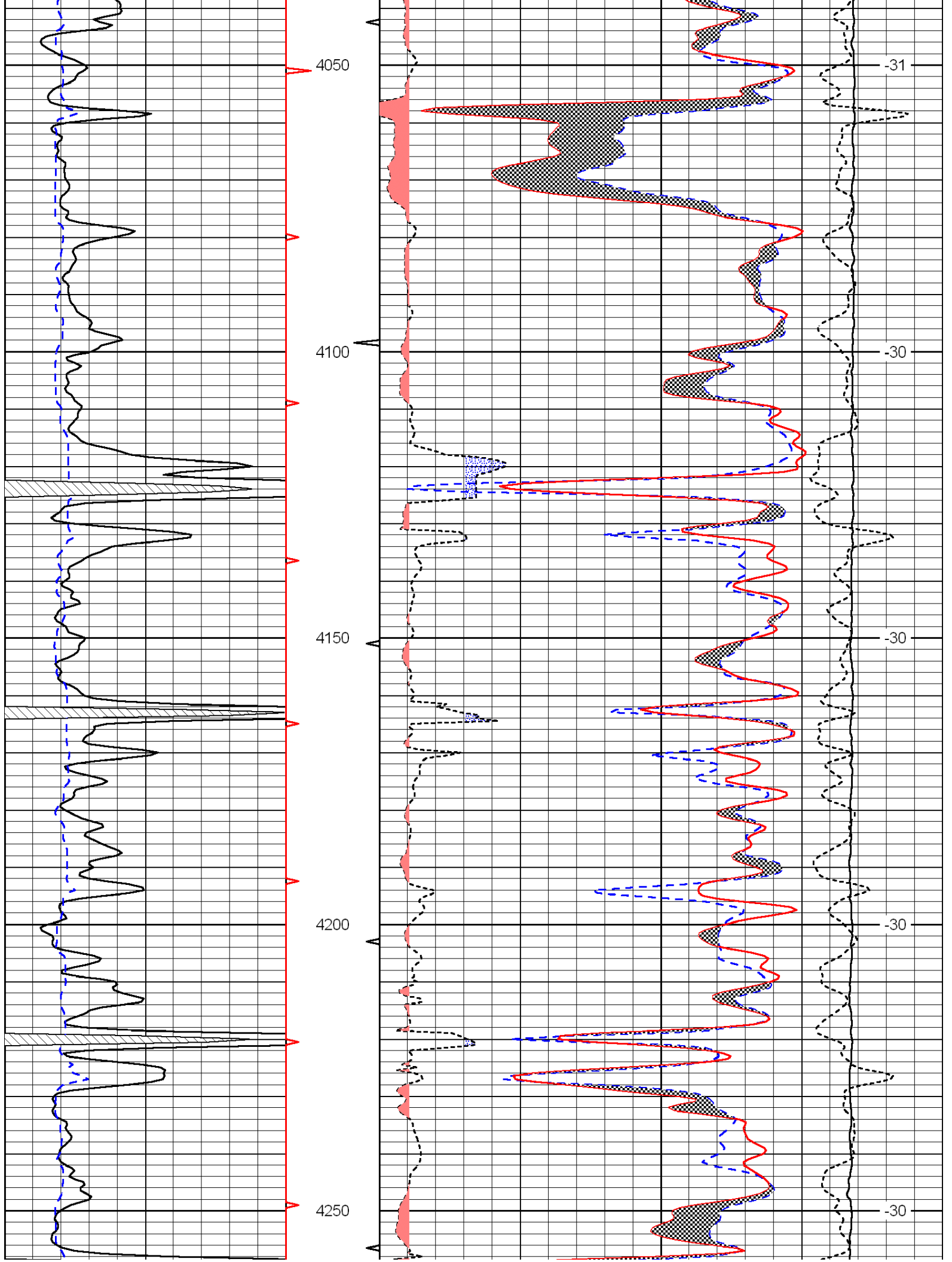
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 Dataset Creation: Fri Apr 22 22:01:46 2011  
 Charted by: Depth in Feet scaled 1:240

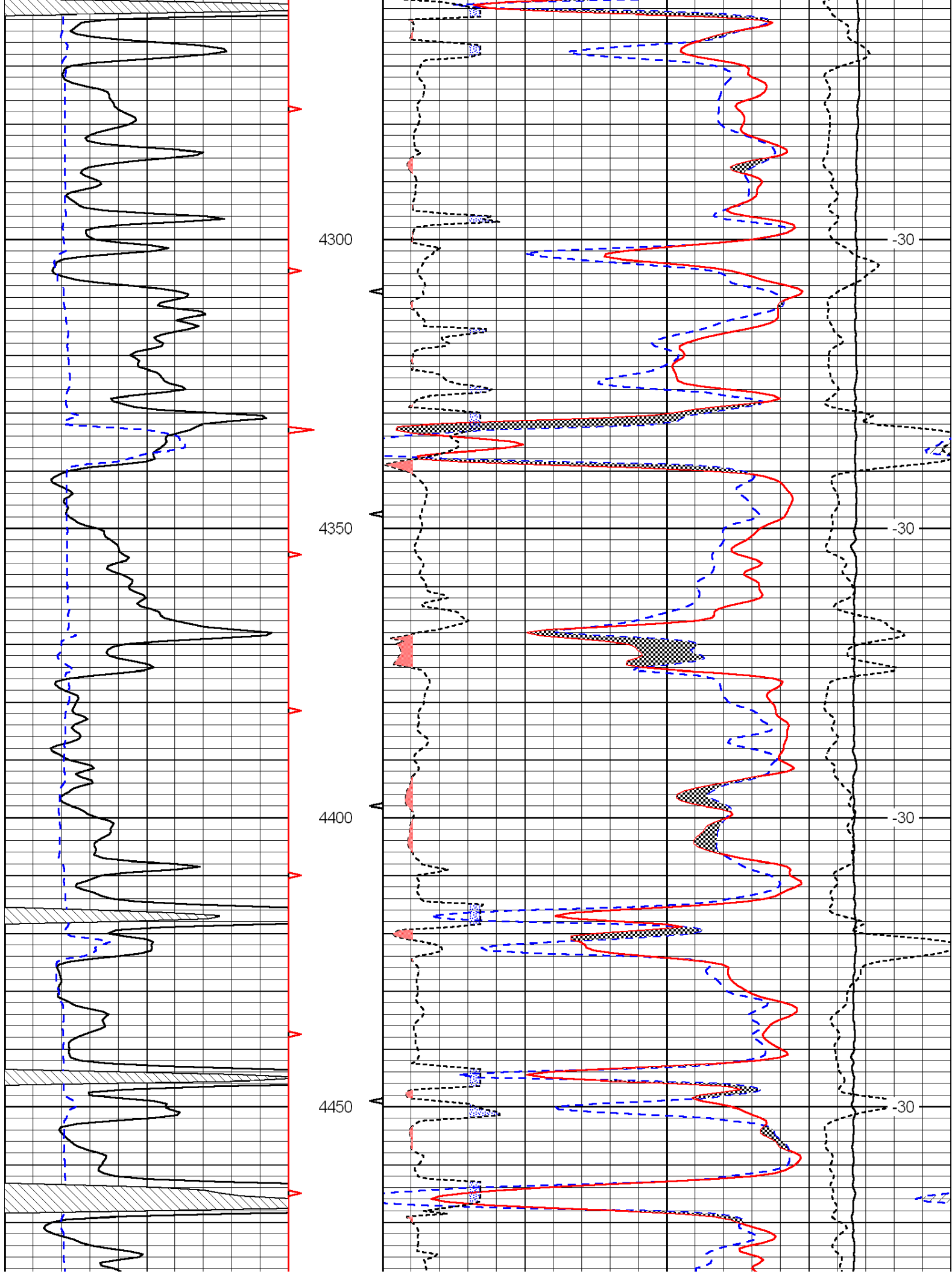


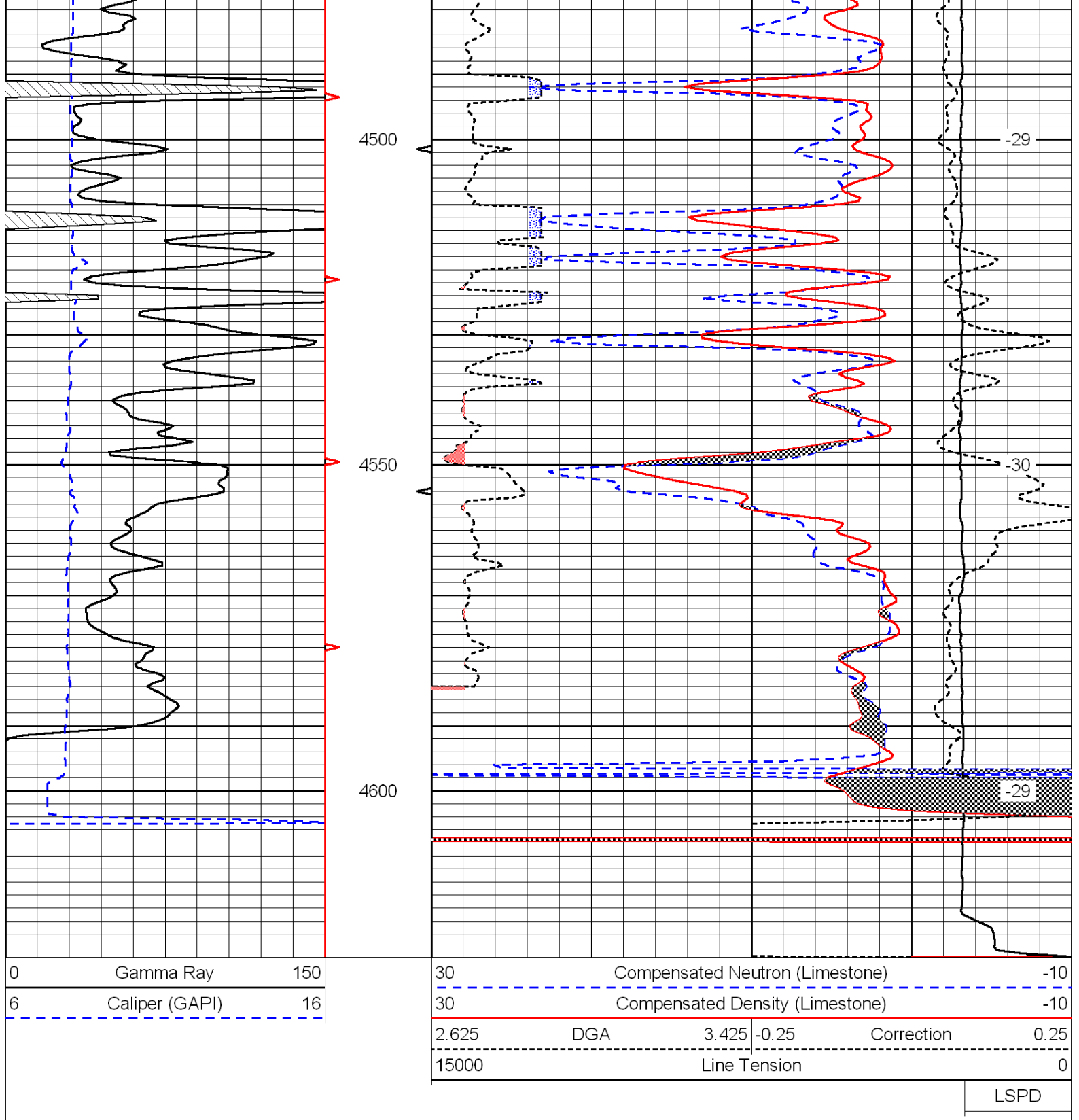












LSPD



# Microresistivity Log

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

API No. 15-101-22288-00-00	Company <b>Flatirons Resources, LLC</b>	Well <b>Hansen #24-28</b>	Location <b>W2 SE SE SW 330' FSL / 2150' FWL</b>
	Field <b>Wildcat</b>	County <b>Lane</b>	State <b>Kansas</b>
	Sec: <b>28</b>	Twp: <b>18S</b>	Rge: <b>30W</b>
Permanent Datum Log Measured From Drilling Measured From	Ground Level Kelly Bushing Kelly Bushing	Elevation 2881 7 Ft. Above Perm. Datum	Other Services CNL / CDL DIL / BHCS
Date	4/22/2011	Elevation	K.B. 2888 D.F. 2881 G.L. 2881

Run Number	Two
Depth Driller	4620
Depth Logger	4619
Bottom Logged Interval	4618
Top Log Interval	3500
Casing Driller	8.625 @ 222
Casing Logger	216
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	4200
Density / Viscosity	9.4   58
pH / Fluid Loss	9.0   8.0
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	0.58 @ 124
Operating Rig Time	5 Hours
Max Rec. Temp. F	124
Equipment Number	17
Location	Hays
Recorded By	R. Barnhart
Witnessed By	Tim Priest

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**Comments**

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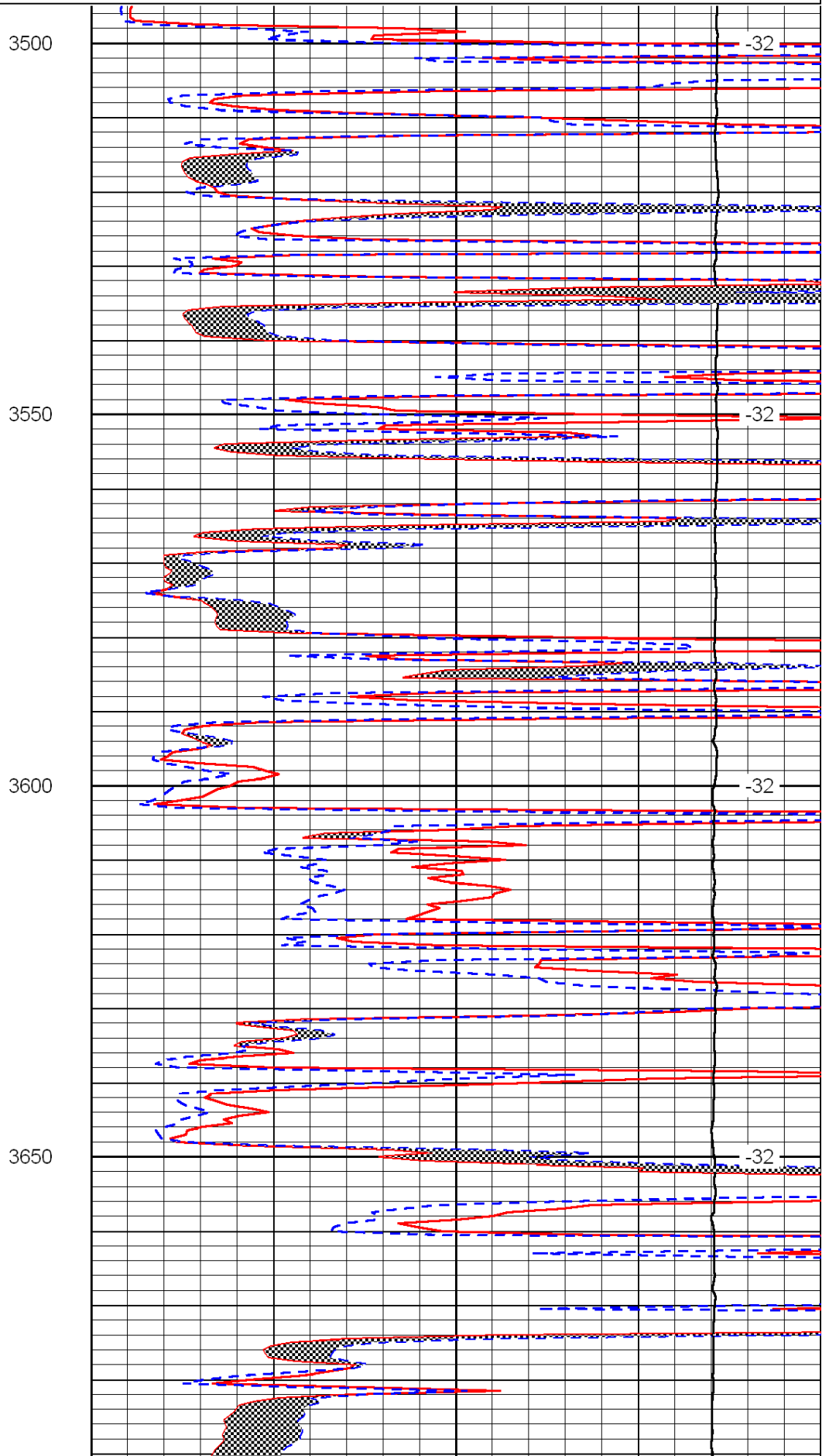
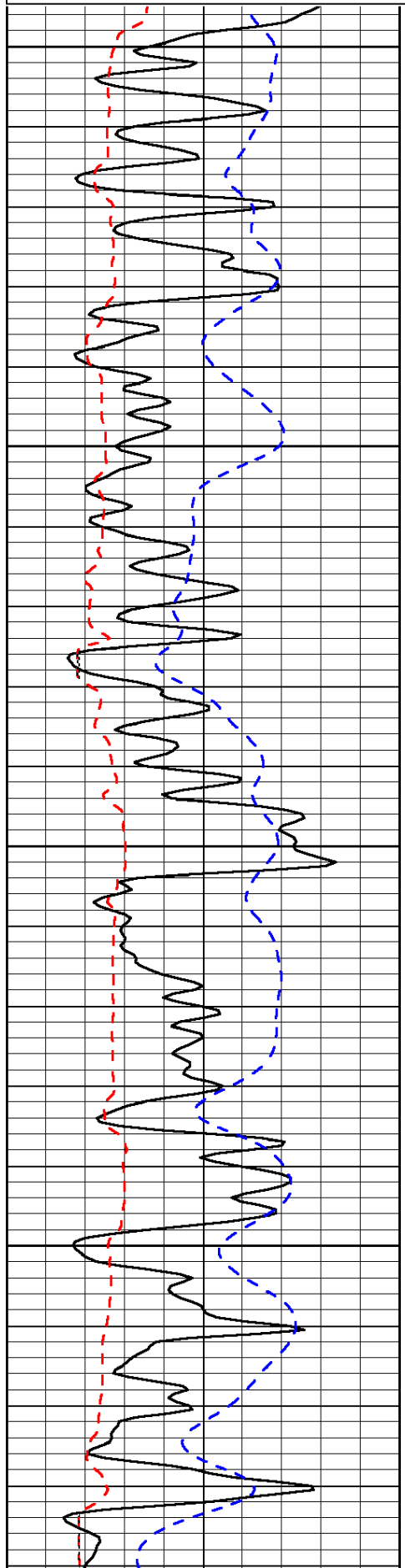
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7W, 2S, 1 1/2W, N into

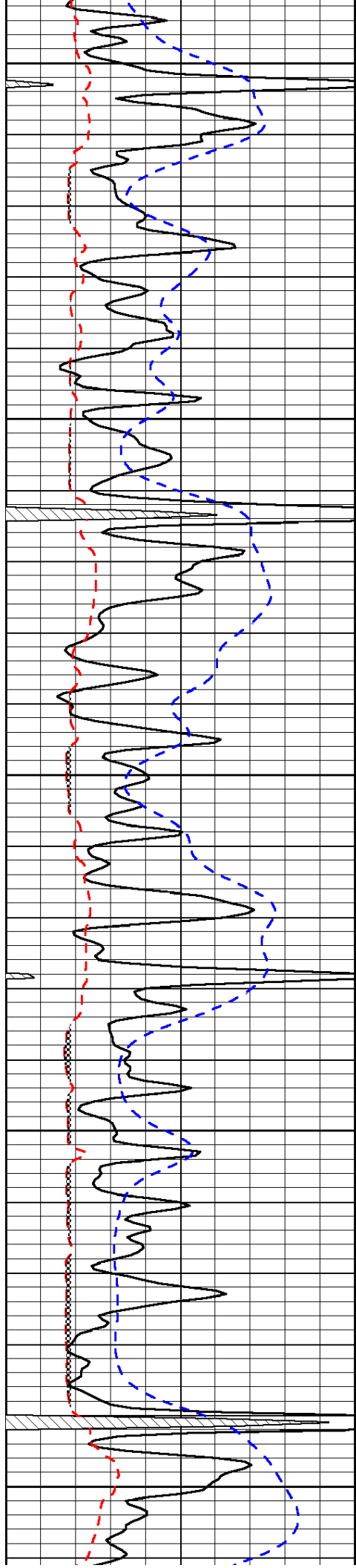
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 Charted by: Depth in Feet scaled 1:240

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





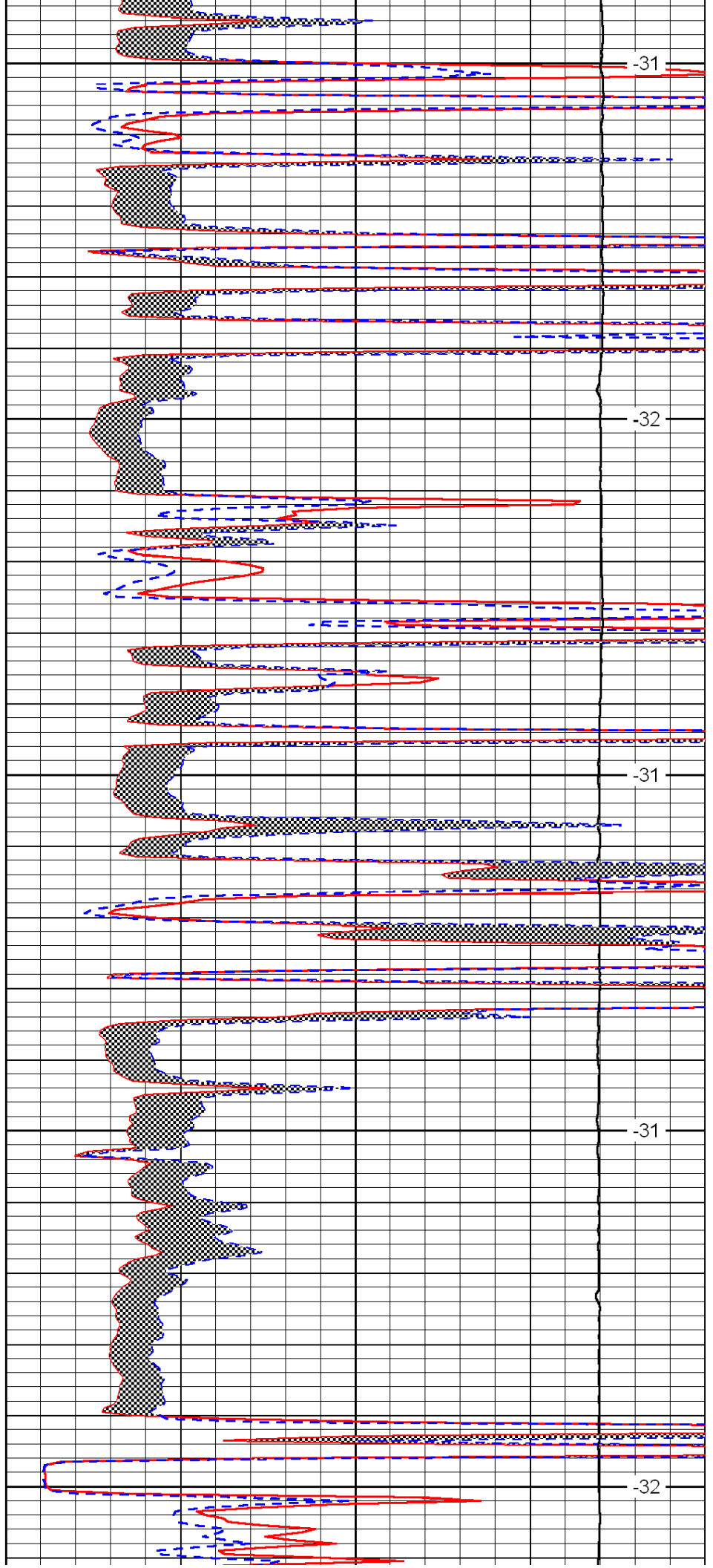
3700

3750

3800

3850

3900



-31

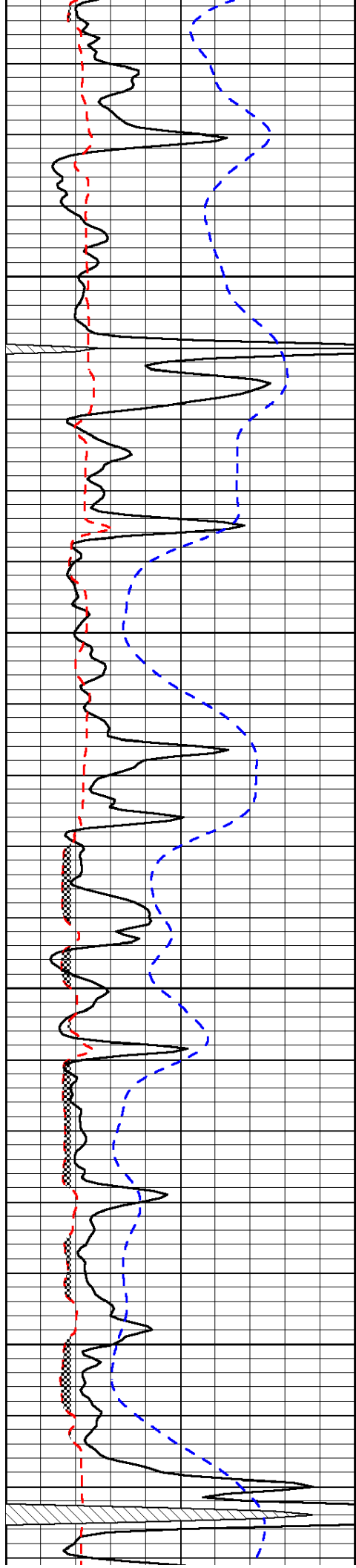
-32

-31

-31

-32



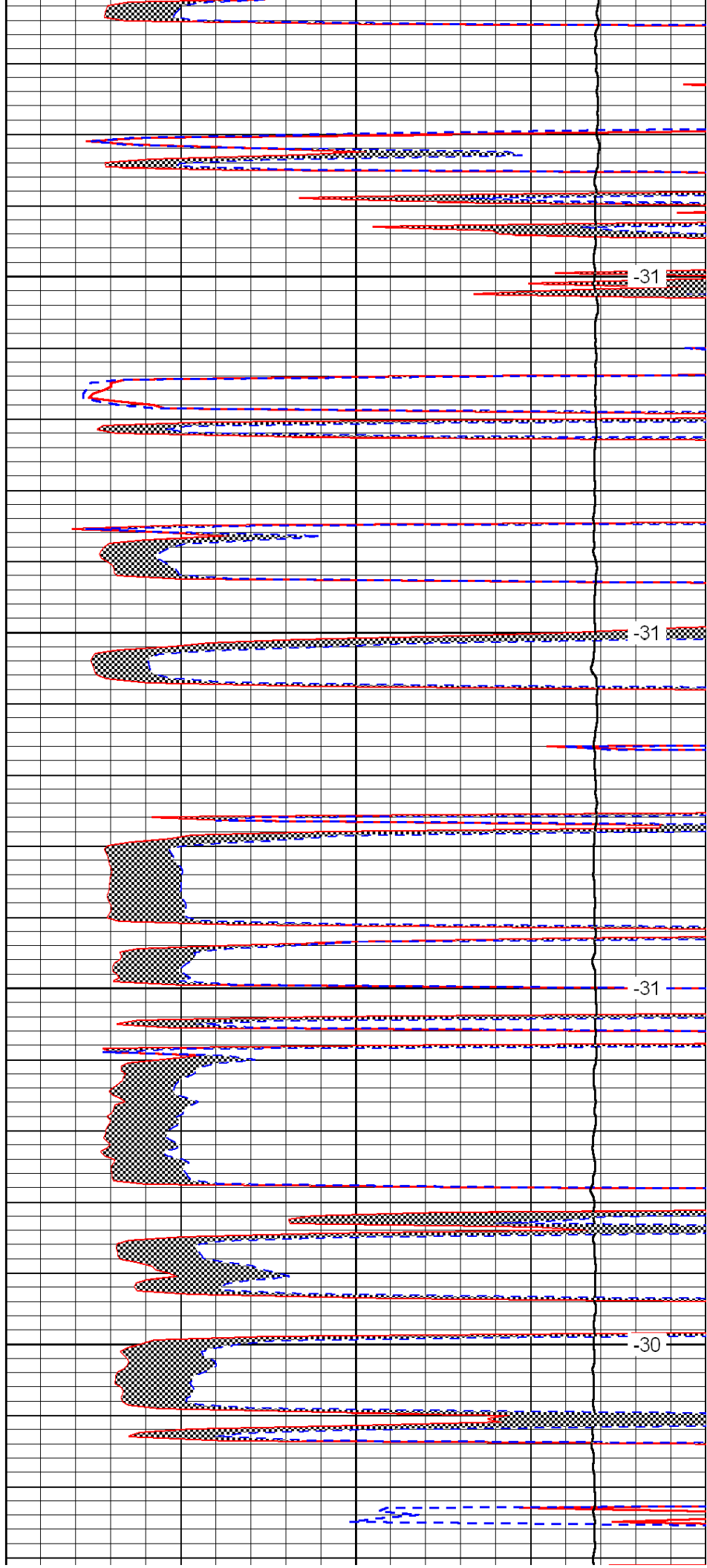


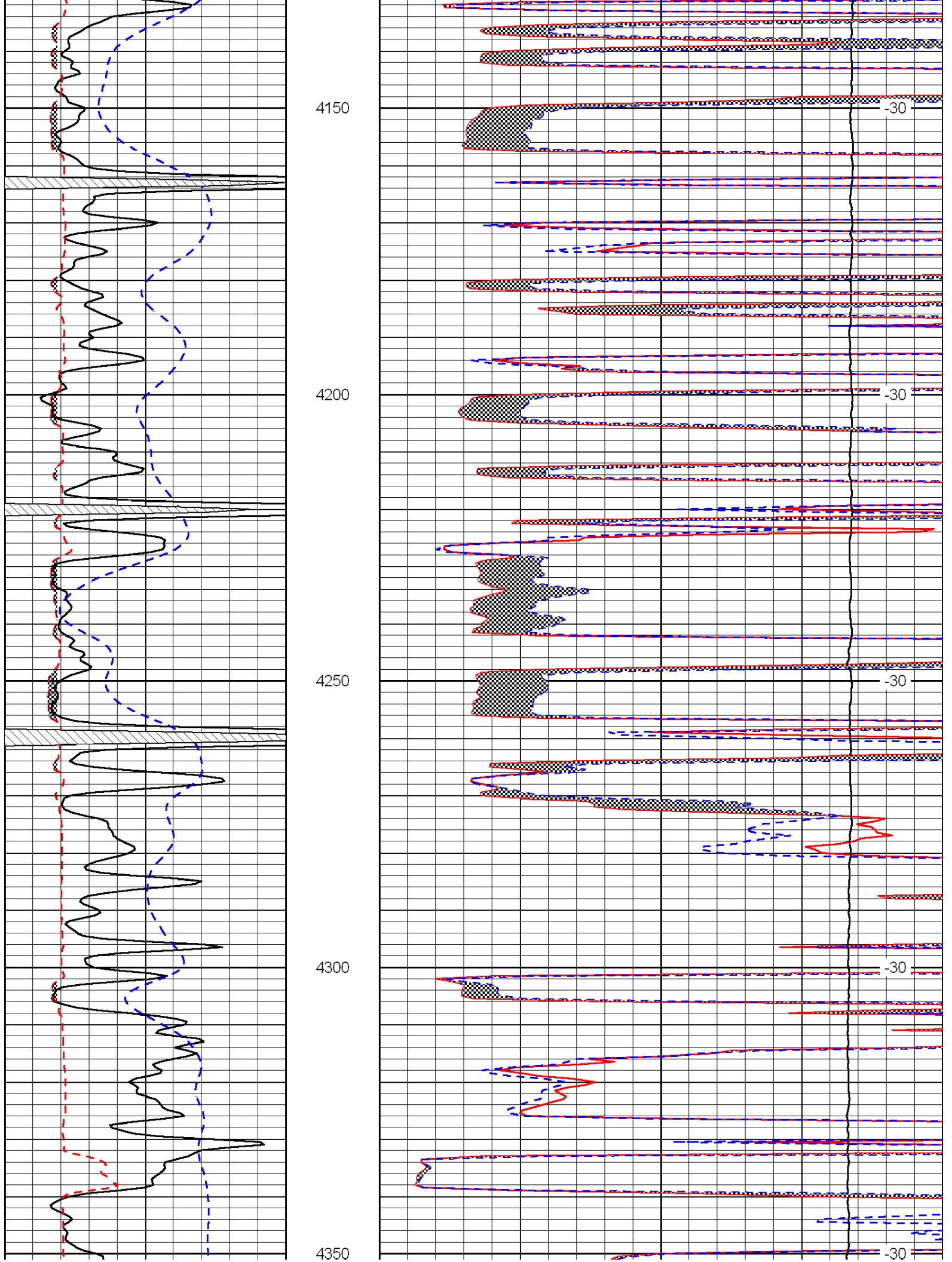
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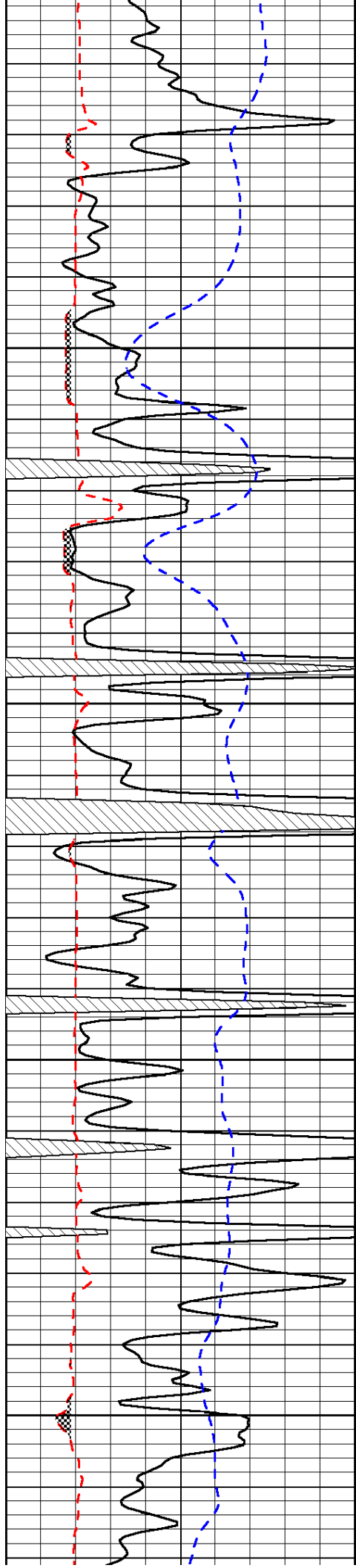
4000

4050

4100





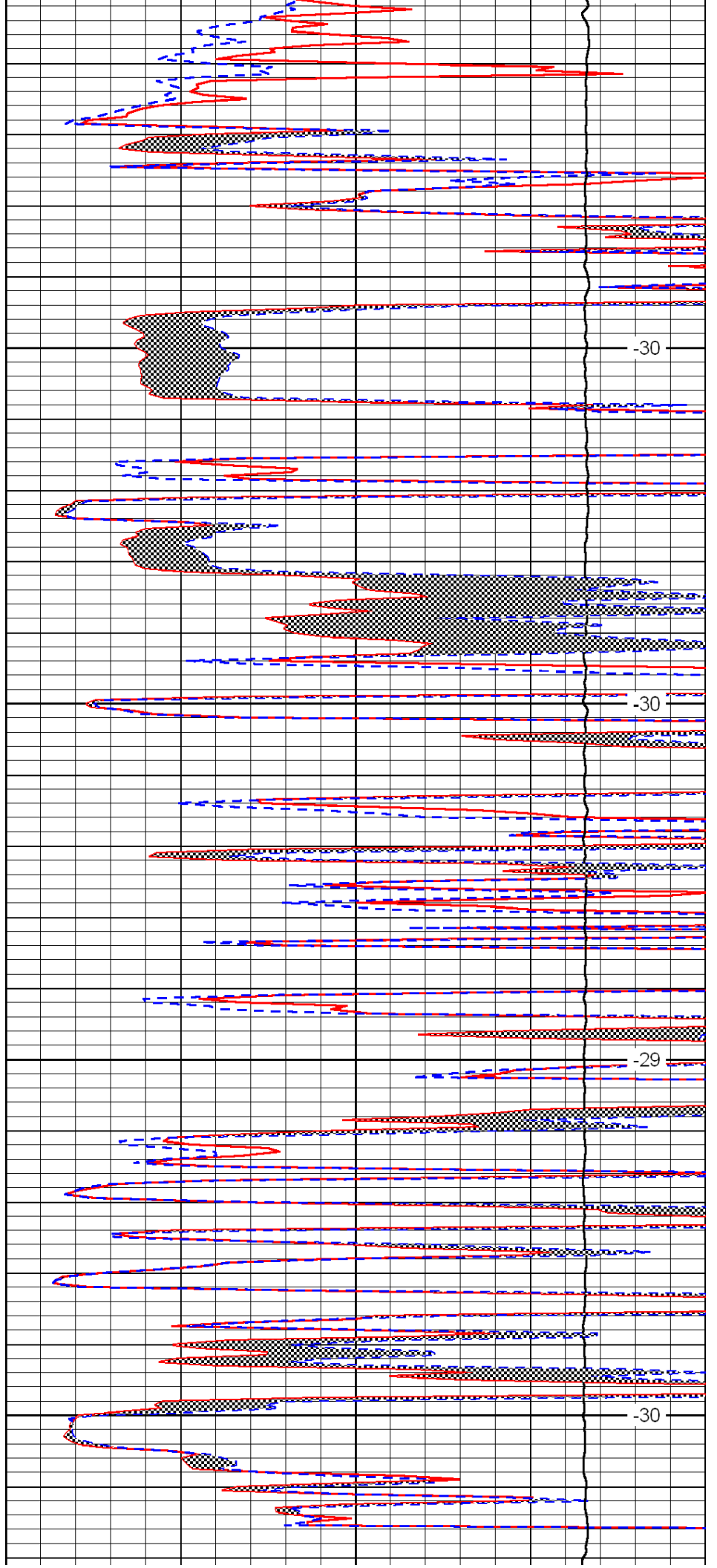


4400

4450

4500

4550

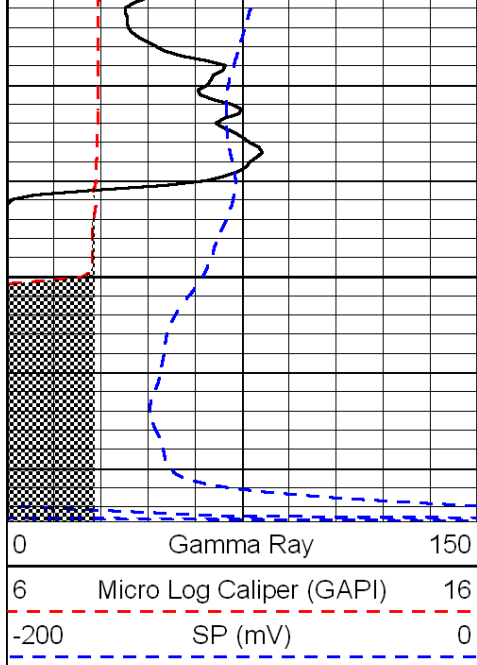


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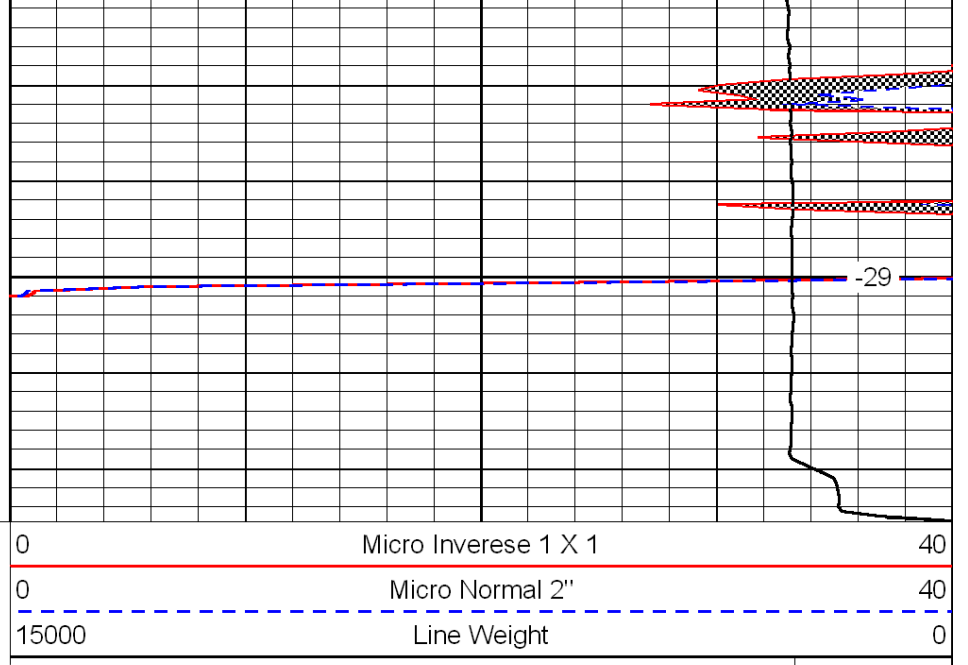
-30

-29

-30



4600



-29

LSPD



**Borehole Compensated  
Sonic Log**

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

API No.	15-101-22288-00-00		
Company	Flatirons Resources, LLC		
Well	Hansen #24-28		
Field	Wildcat		
County	Lane	State	Kansas
Location	W2 SE SE SW 330' FSL / 2150' FWL		
Sec: 28	Twp: 18S	Rge: 30W	
Permanent Datum	Ground Level	Elevation	2881
Log Measured From	Kelly Bushing	7 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Date	4/22/2011	Elevation	2888
Run Number	Two		
Type Log	BHC Sonic		
Depth Driller	4620		
Depth Logger	4619		
Bottom Logged Interval	4608		
Top Logged Interval	200		
Type Fluid In Hole	Chemical		
Salinity, PPM CL	4200		
Density	9.4		
Level	Full		
Max. Rec. Temp. F	124		
Operating Rig Time	5 Hours		
Equipment -- Location	17 Days		
Recorded By	R. Barnhart		
Witnessed By	Tim Priest		

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	4620				

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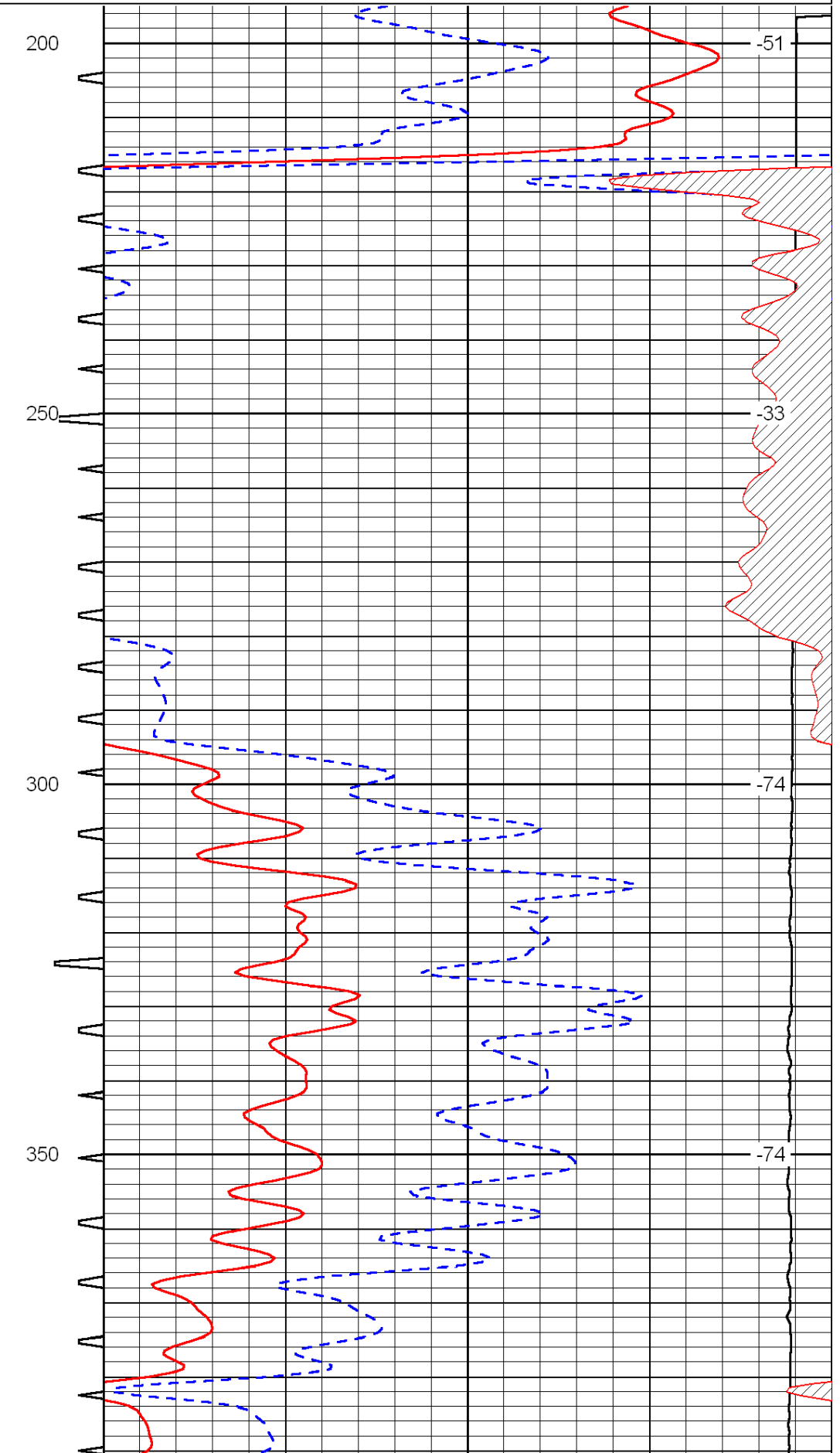
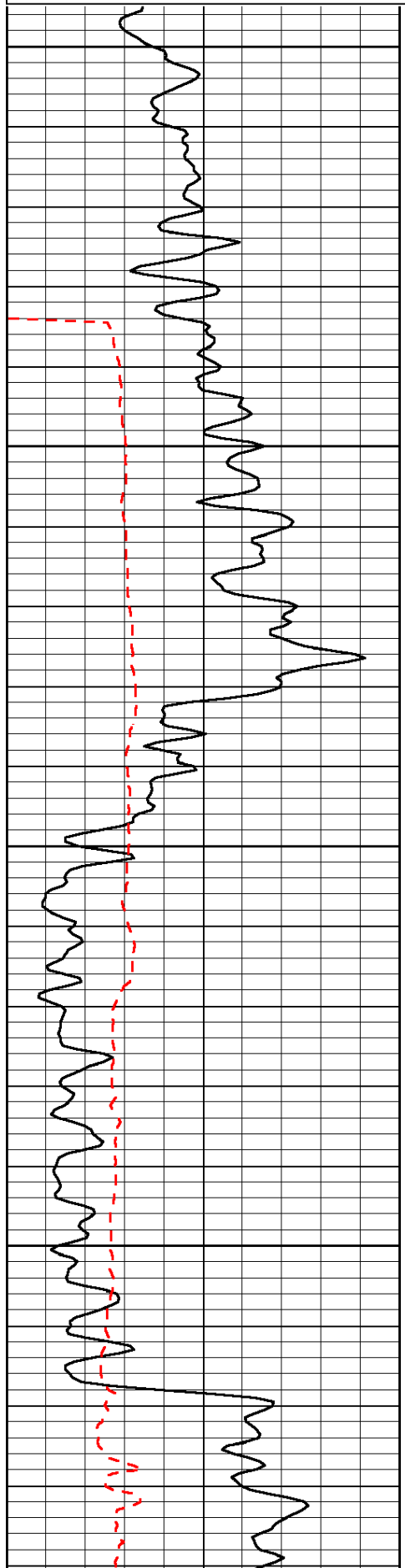
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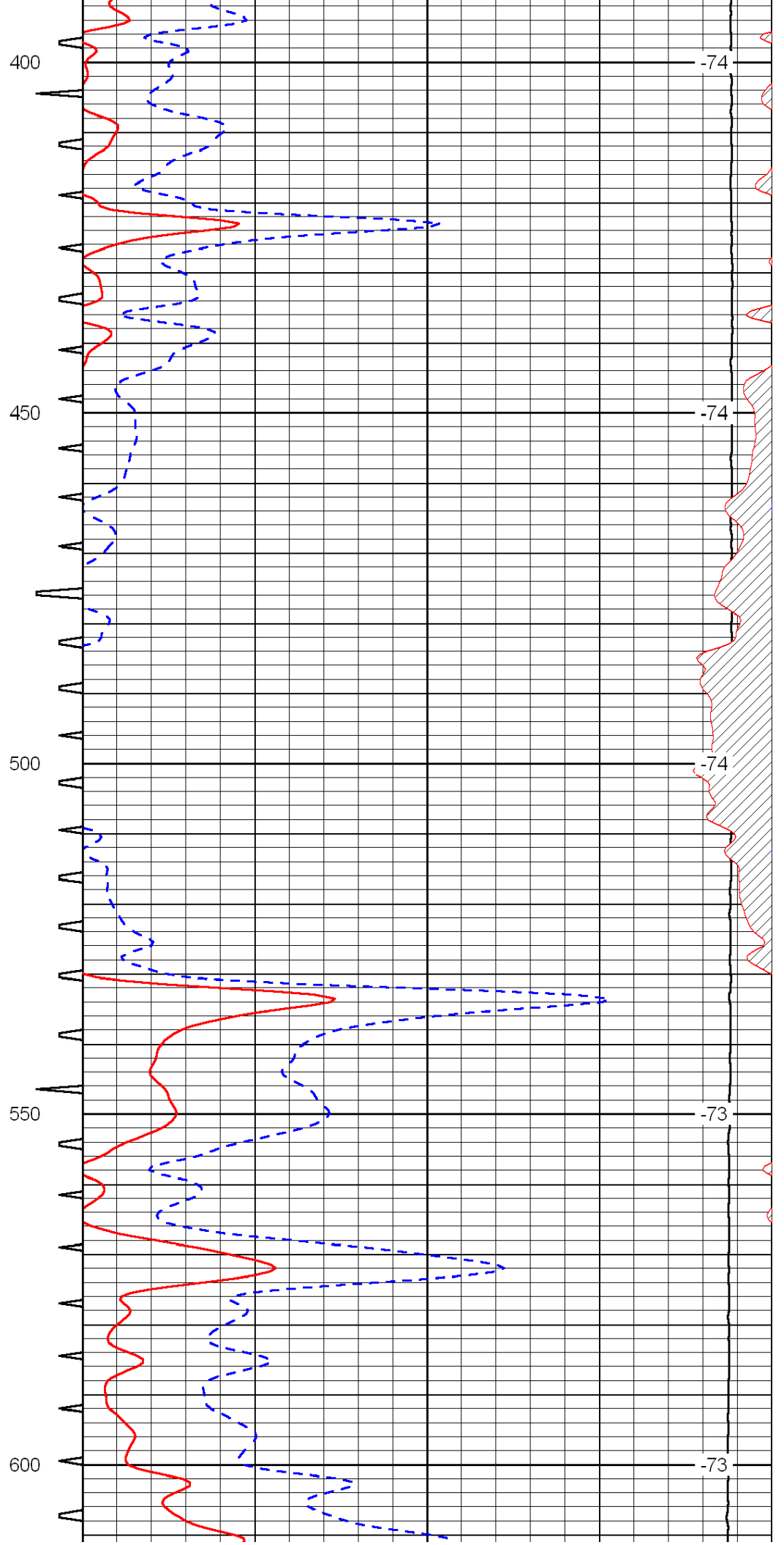
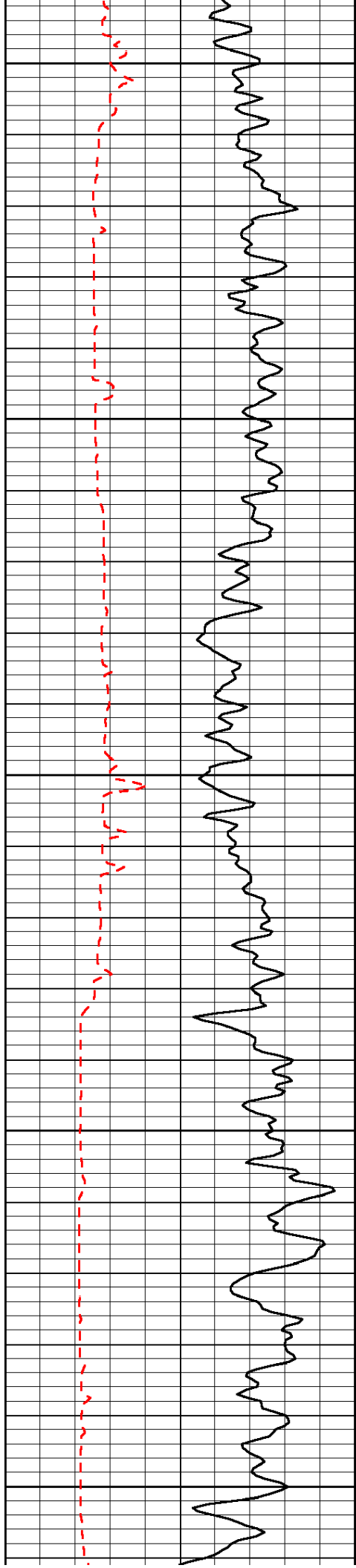
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Dighton, KS:  
7W, 2S, 1 1/2W, N into

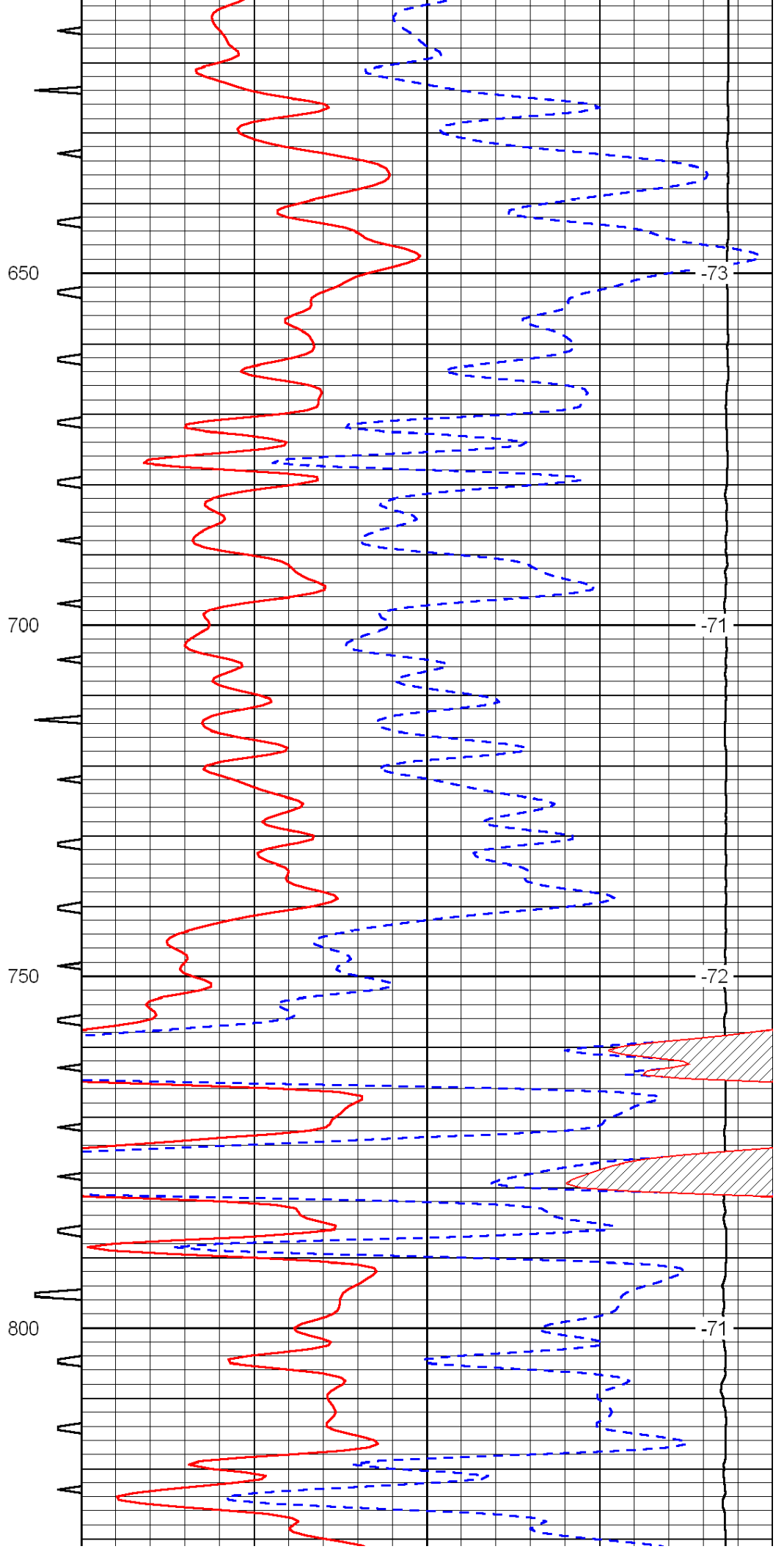
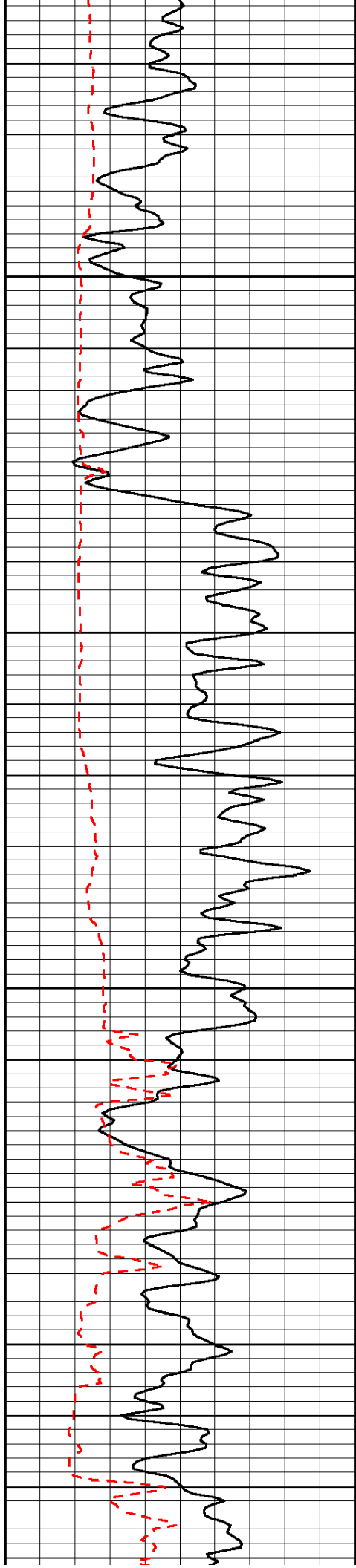
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 Presentation Format: sonic  
 Dataset Creation: Fri Apr 22 22:01:46 2011  
 Charted by: Depth in Feet scaled 1:240

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

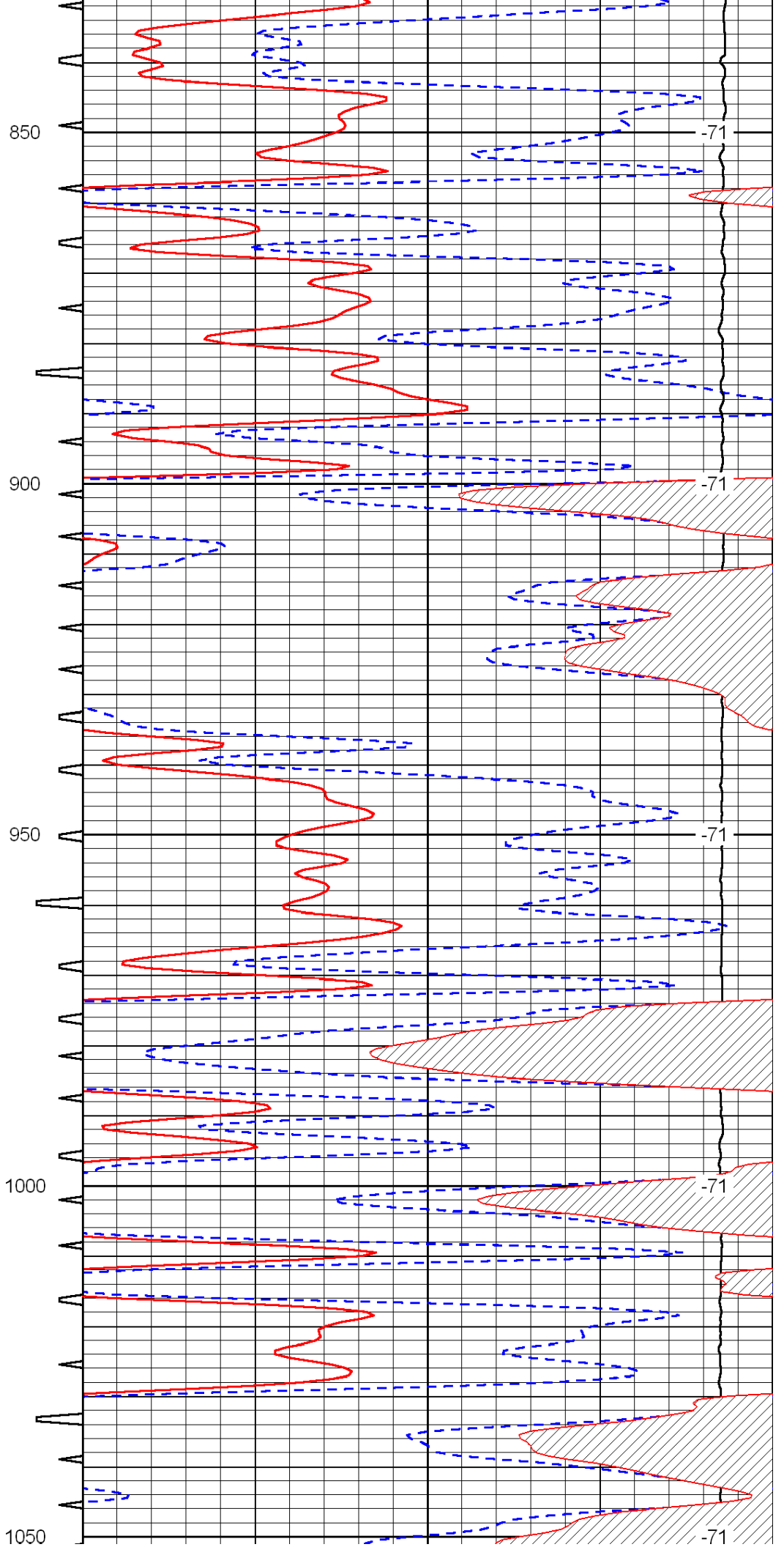
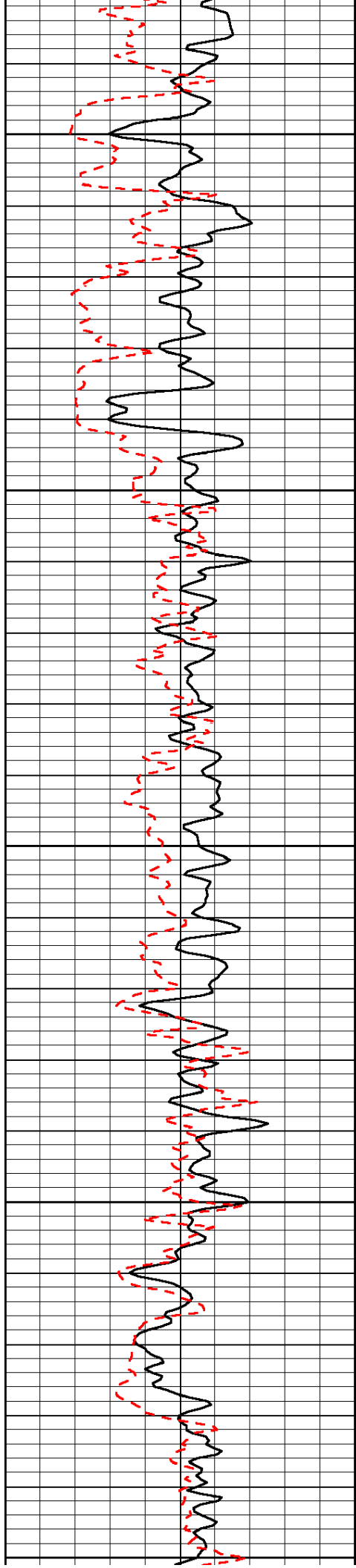
LSPD

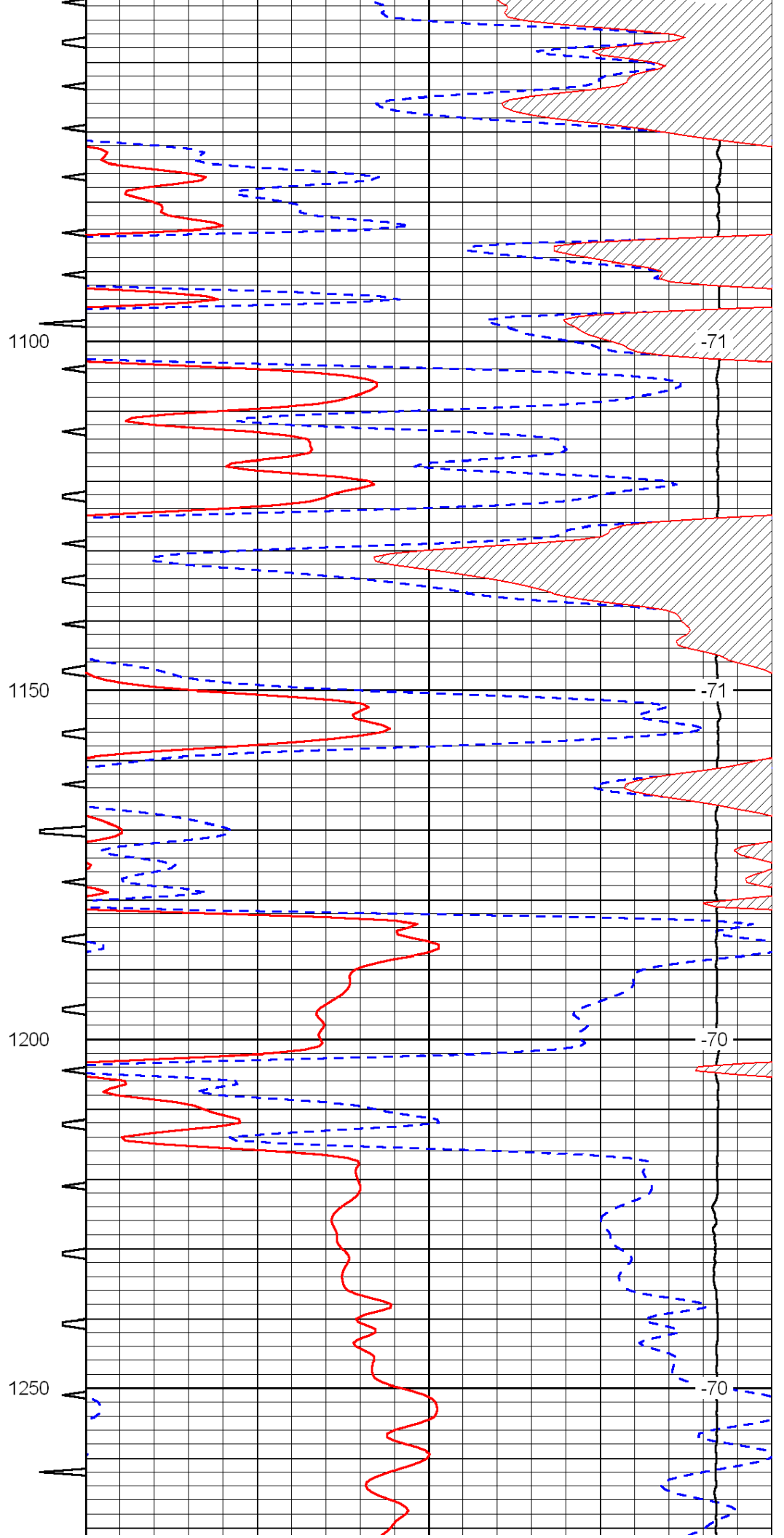
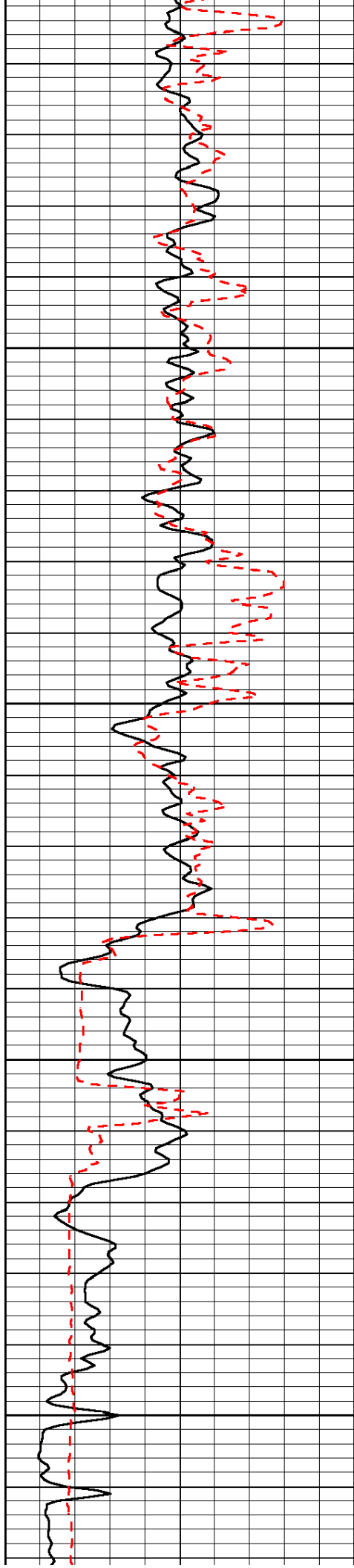


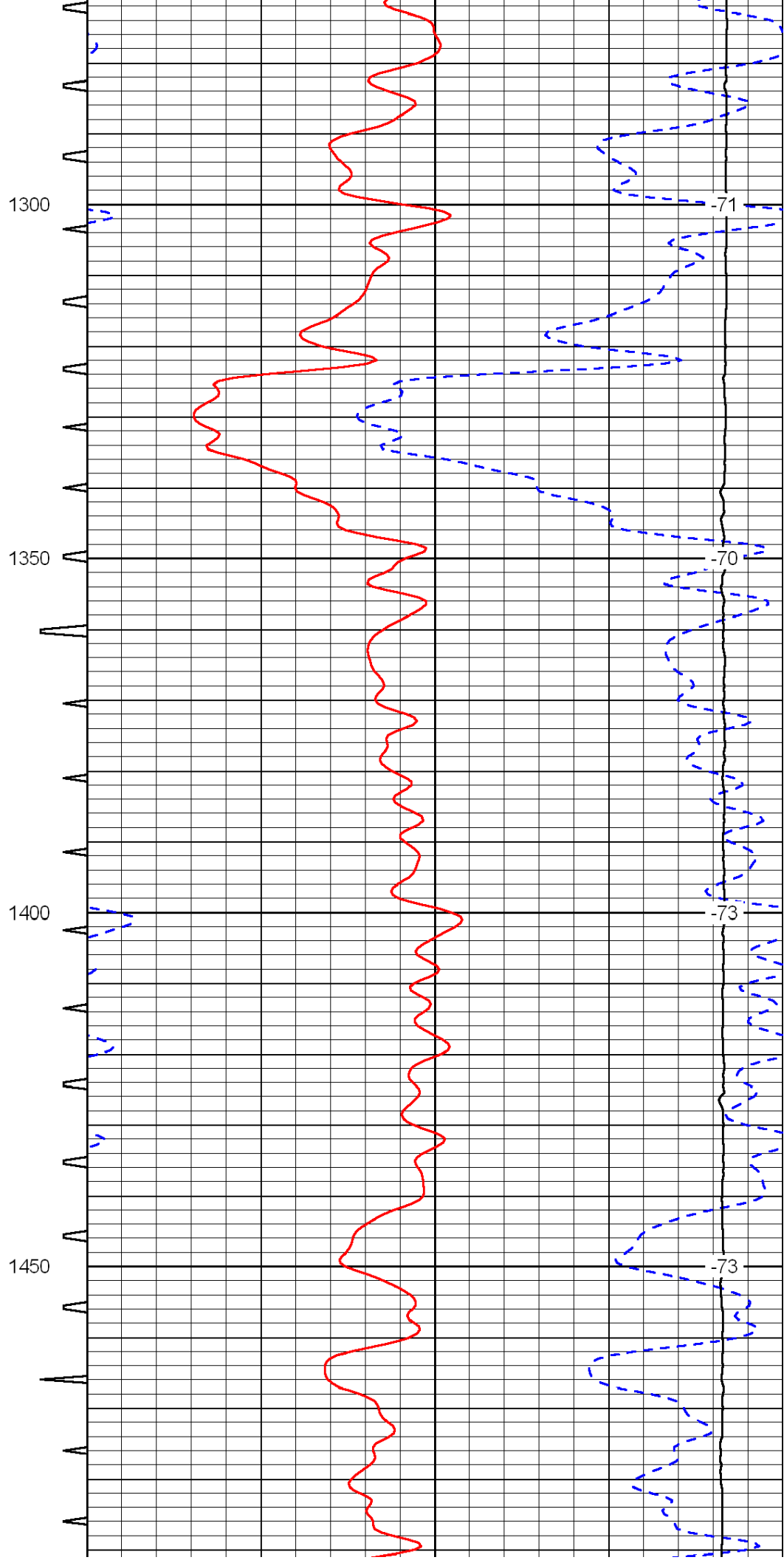
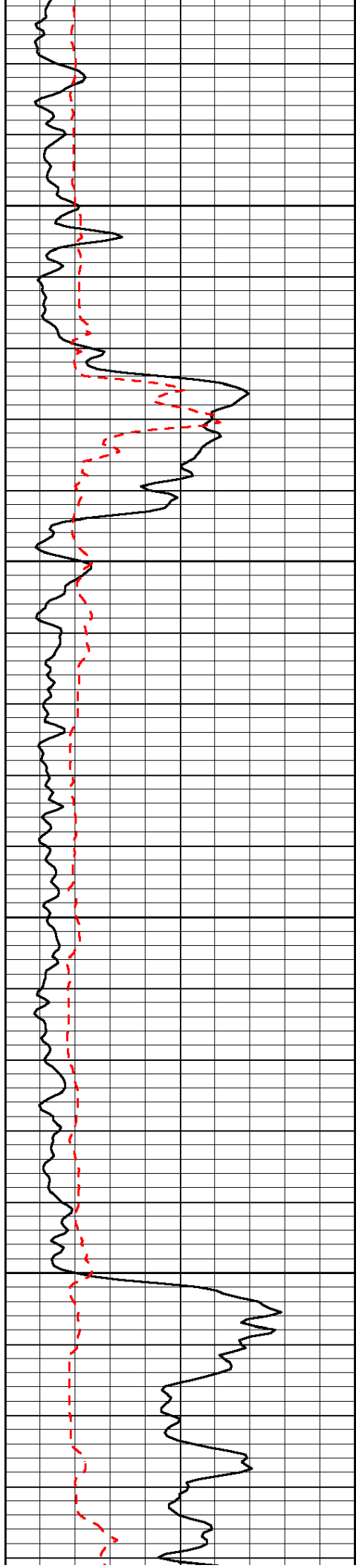


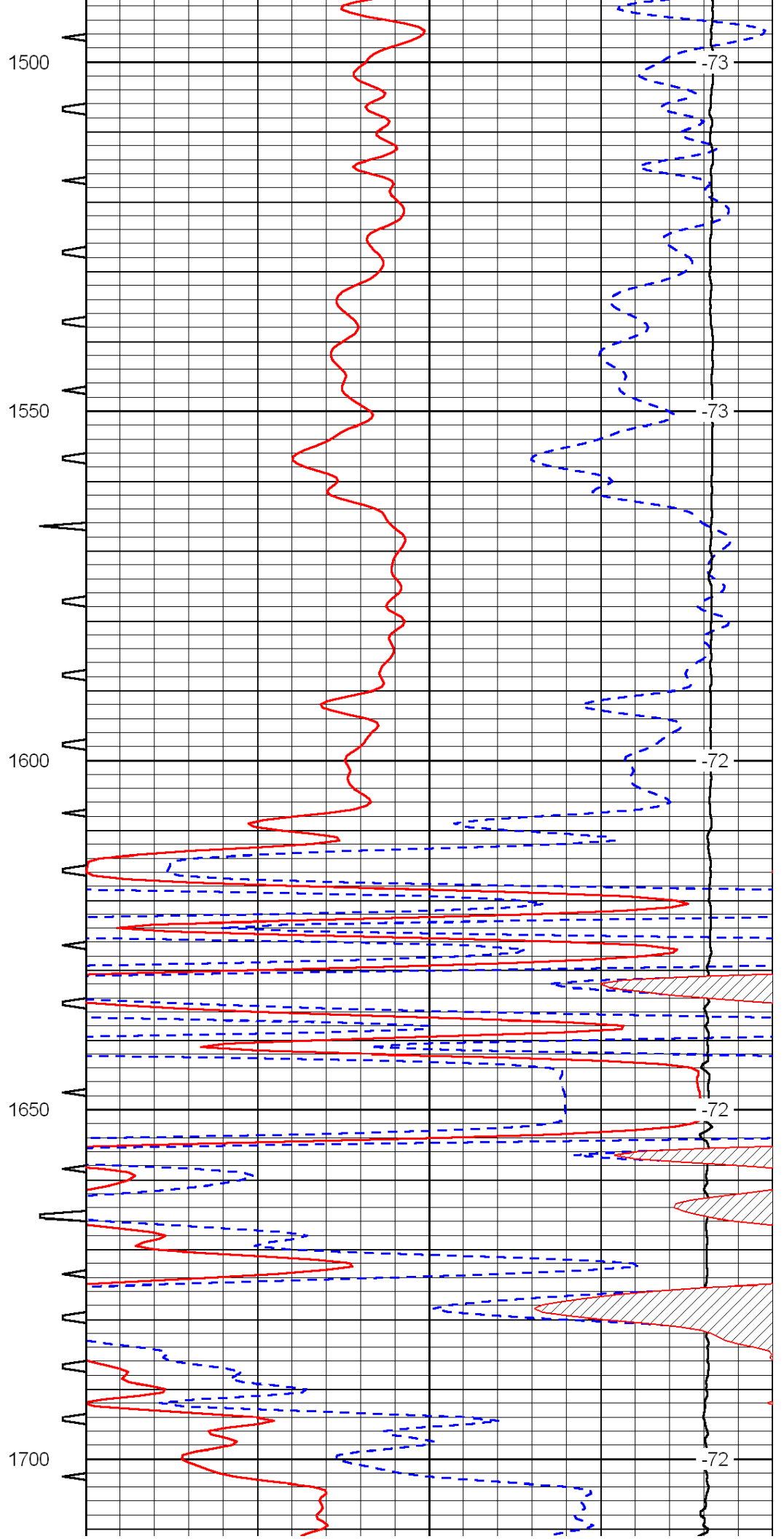
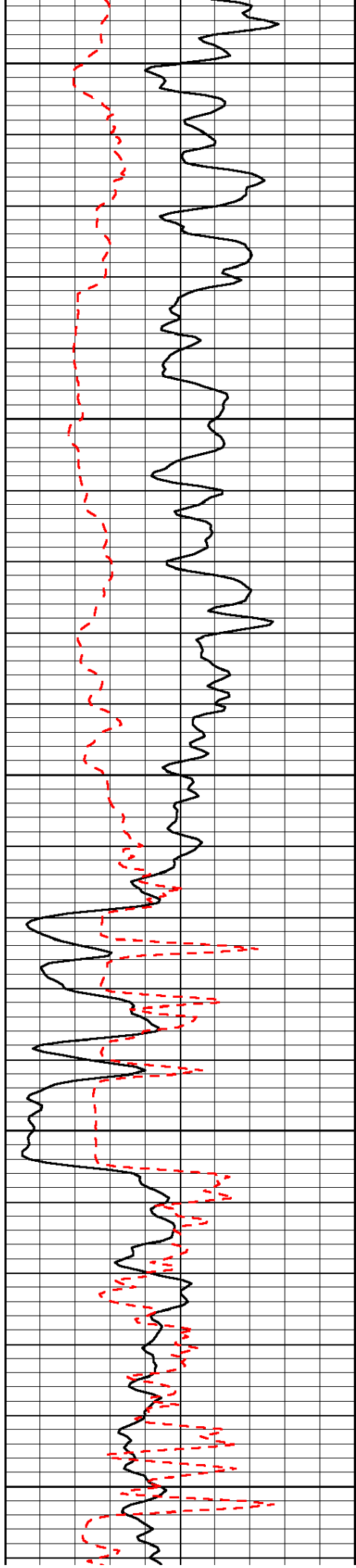


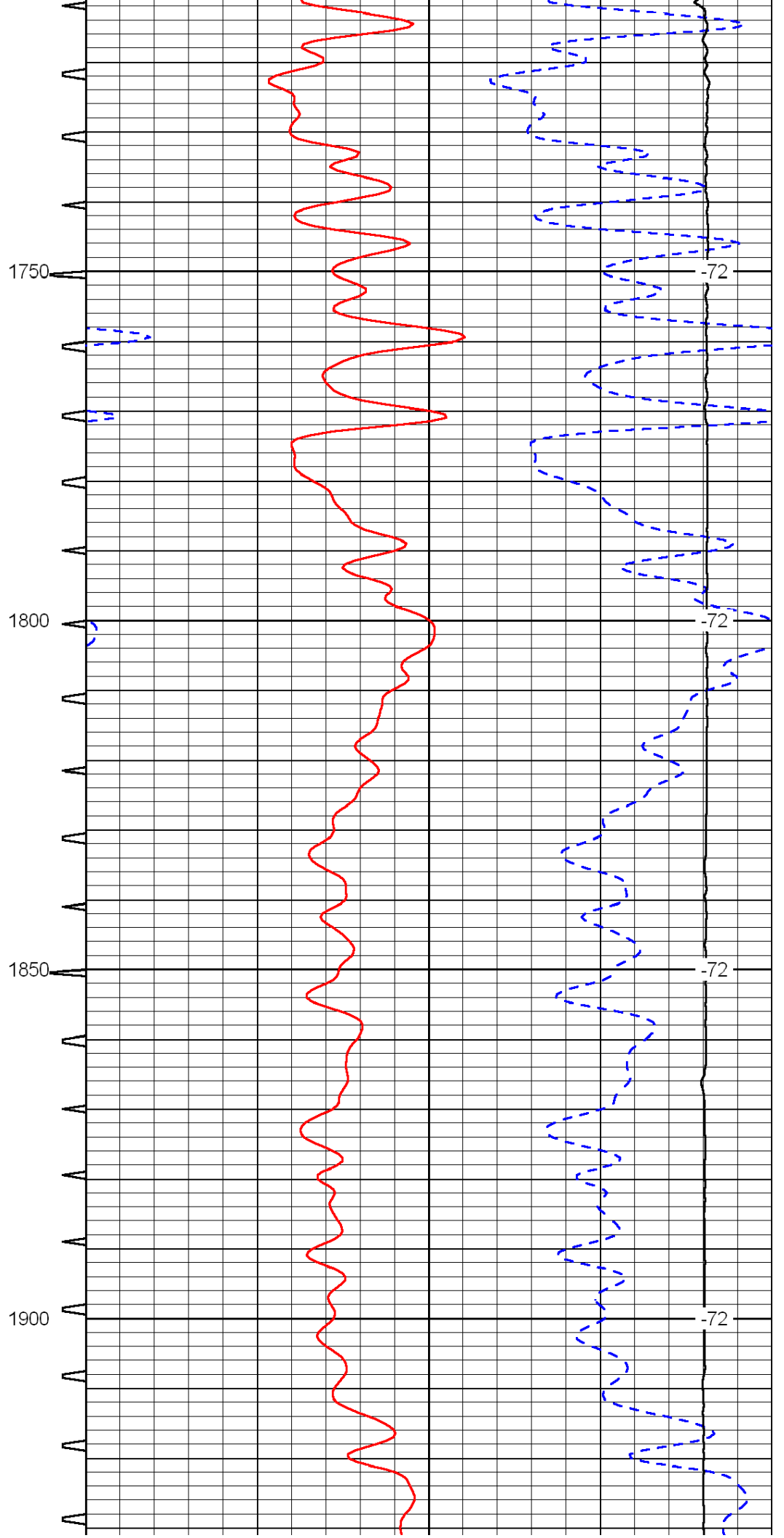
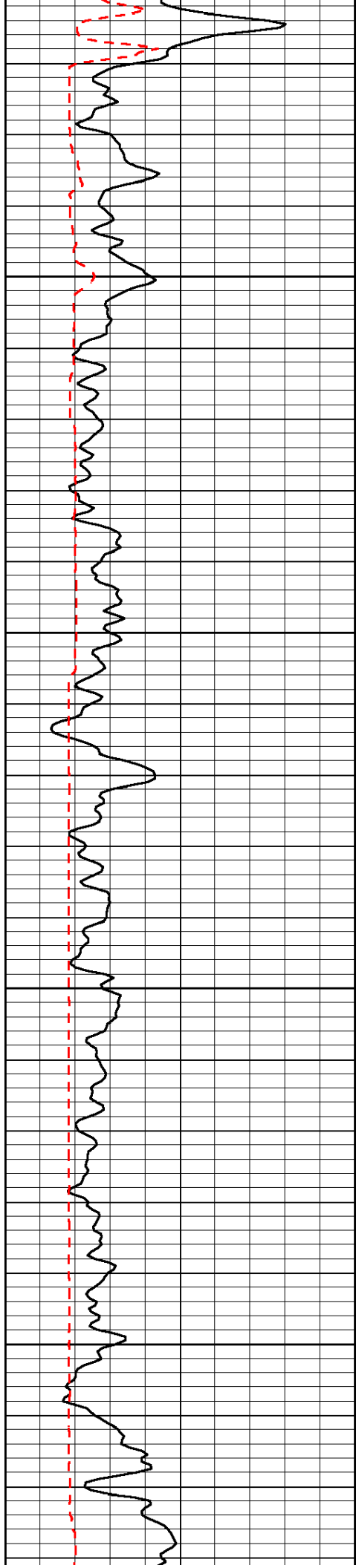


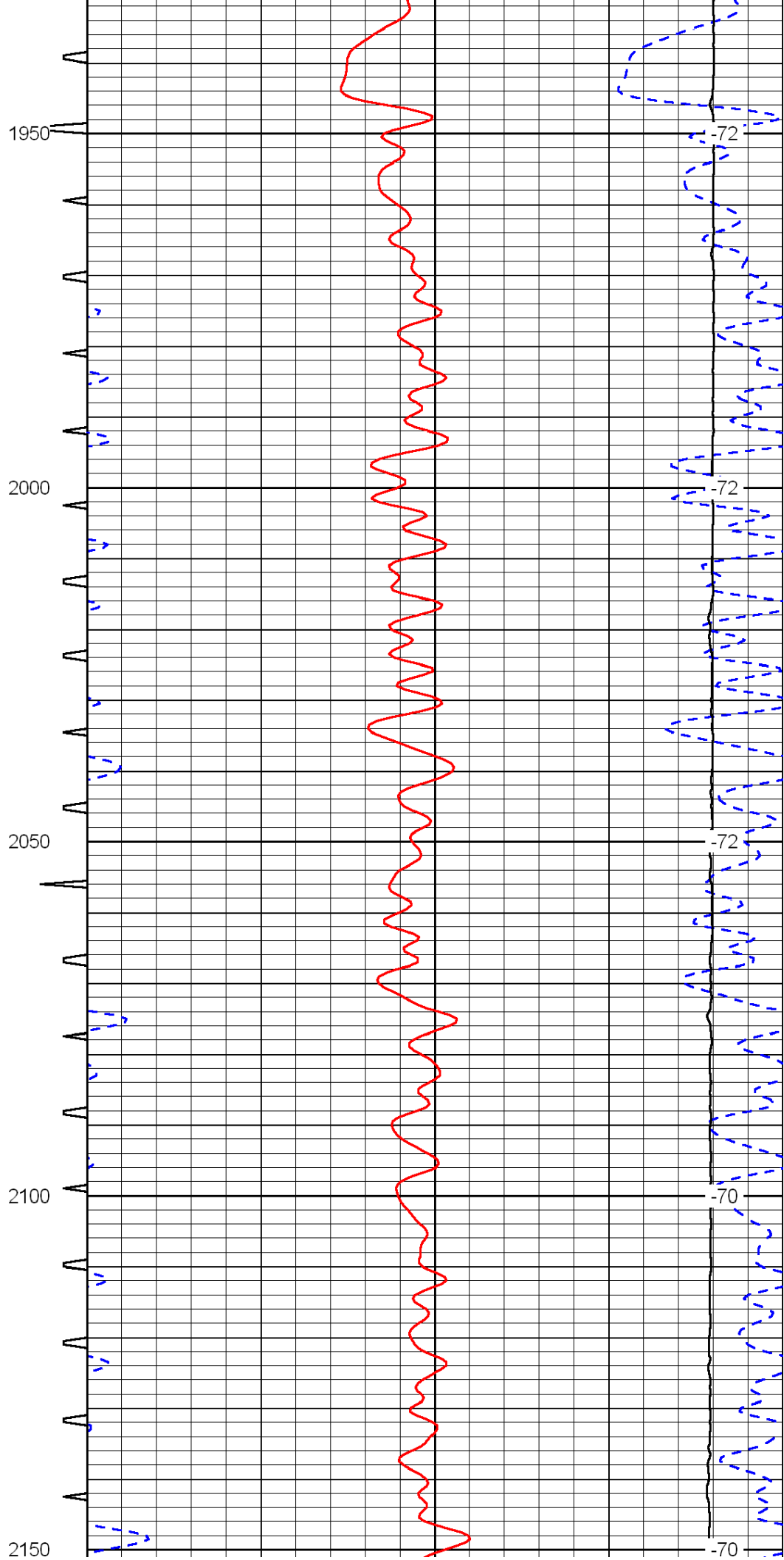
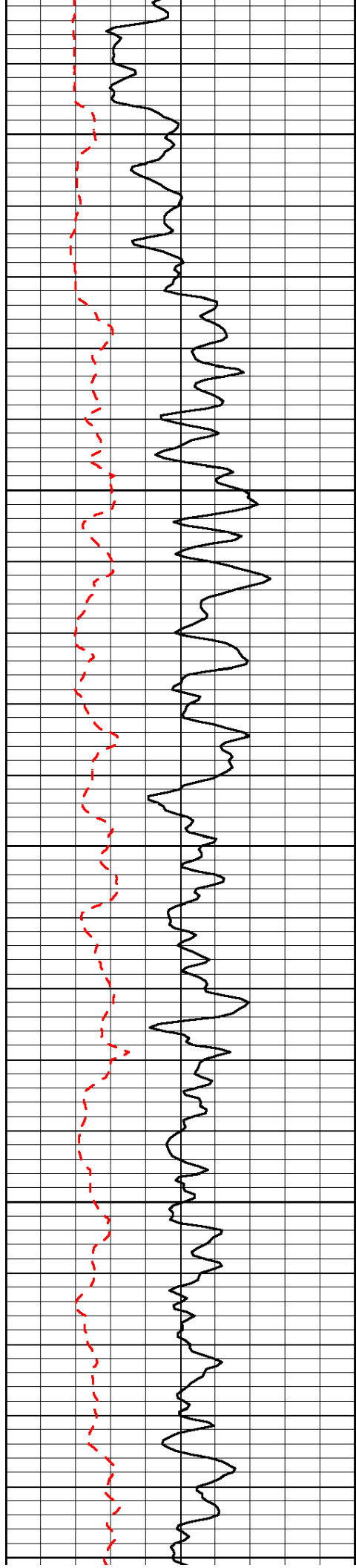


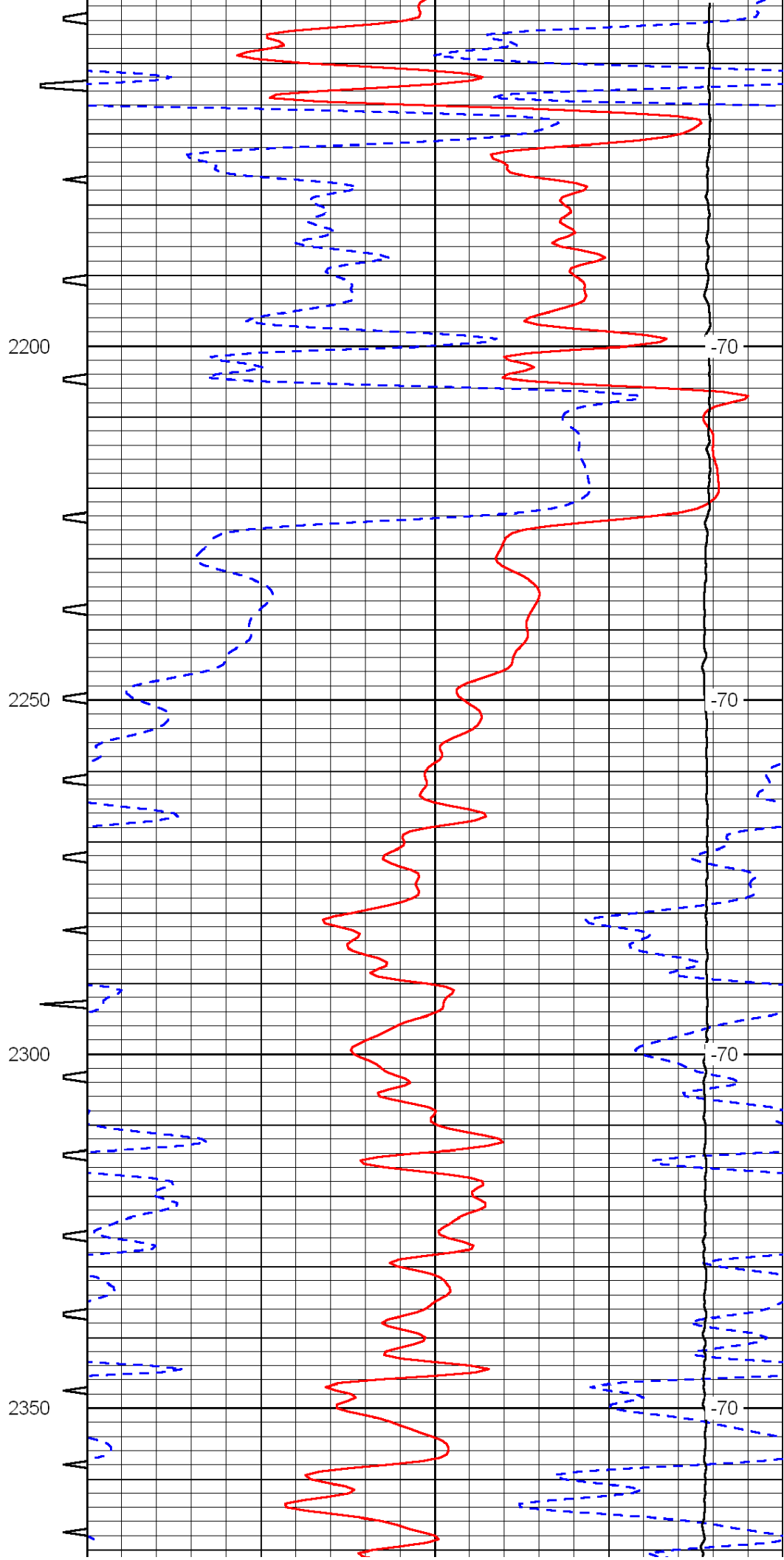
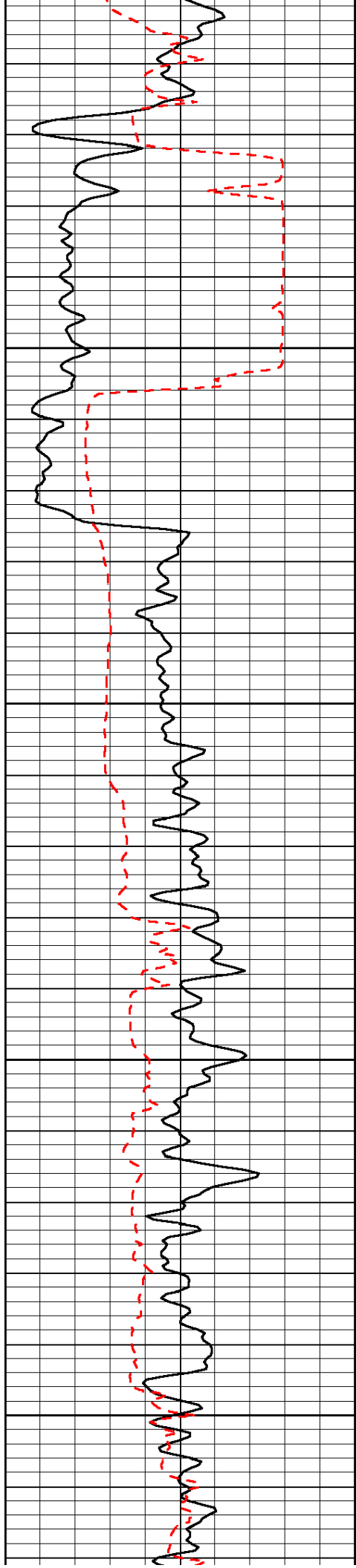


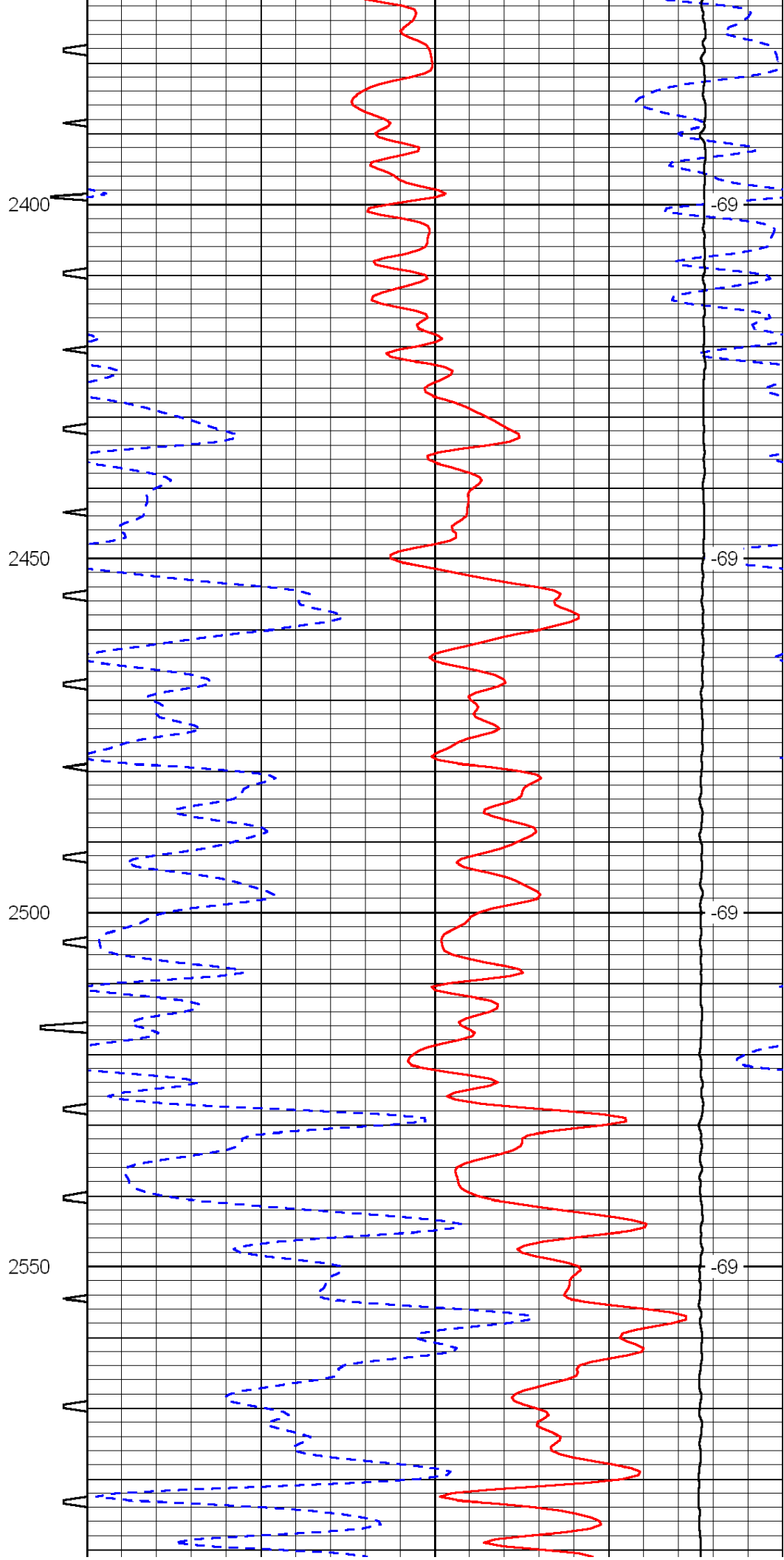
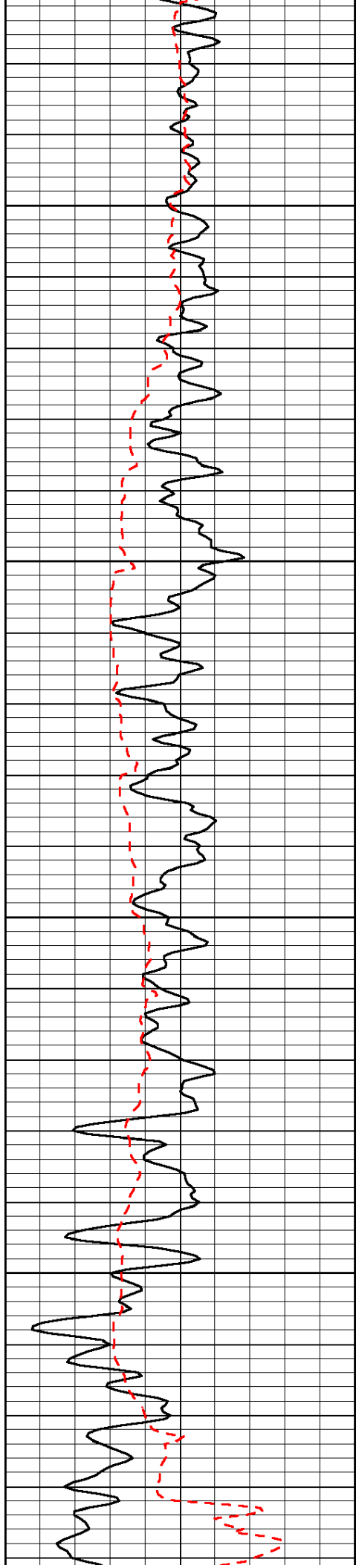




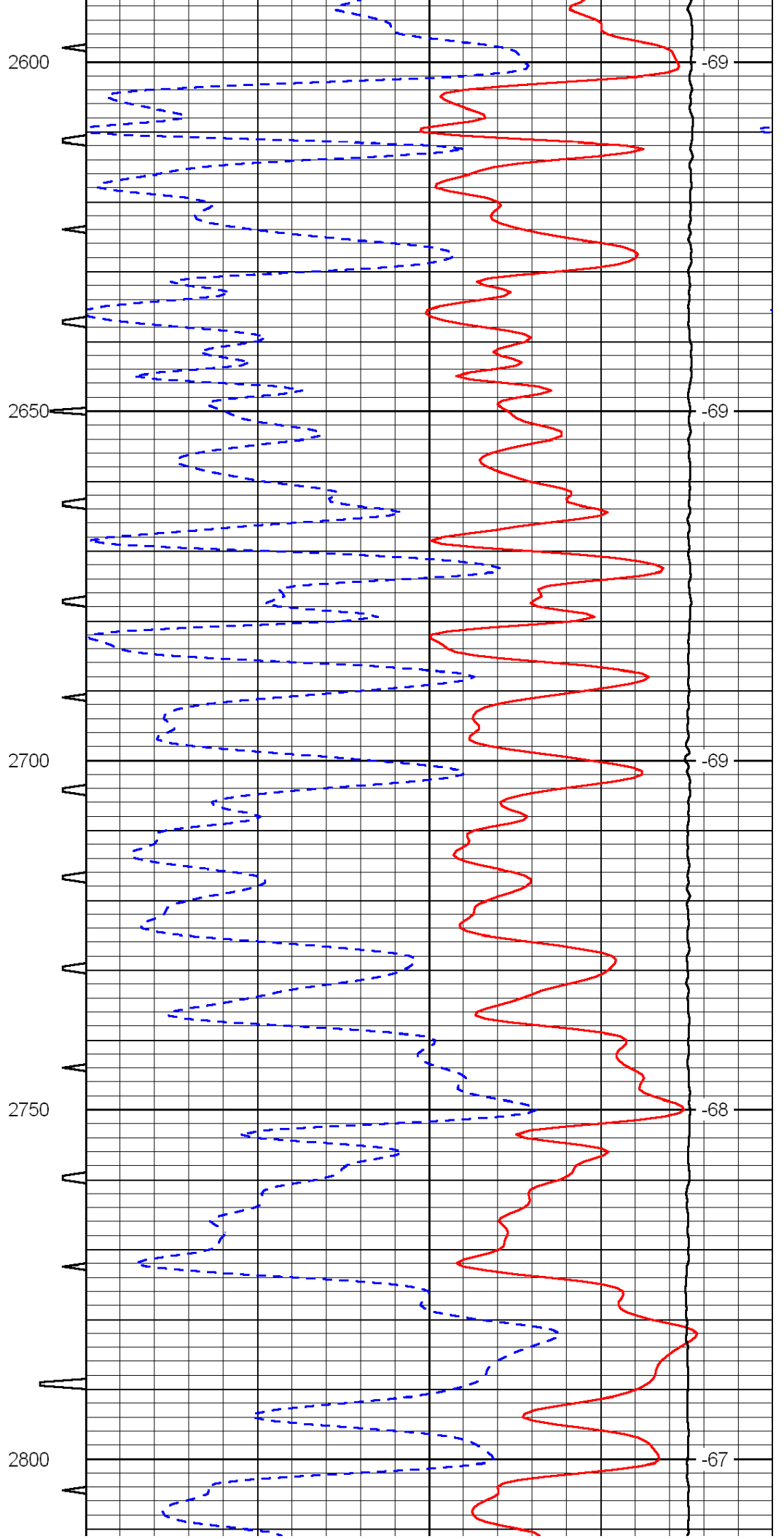
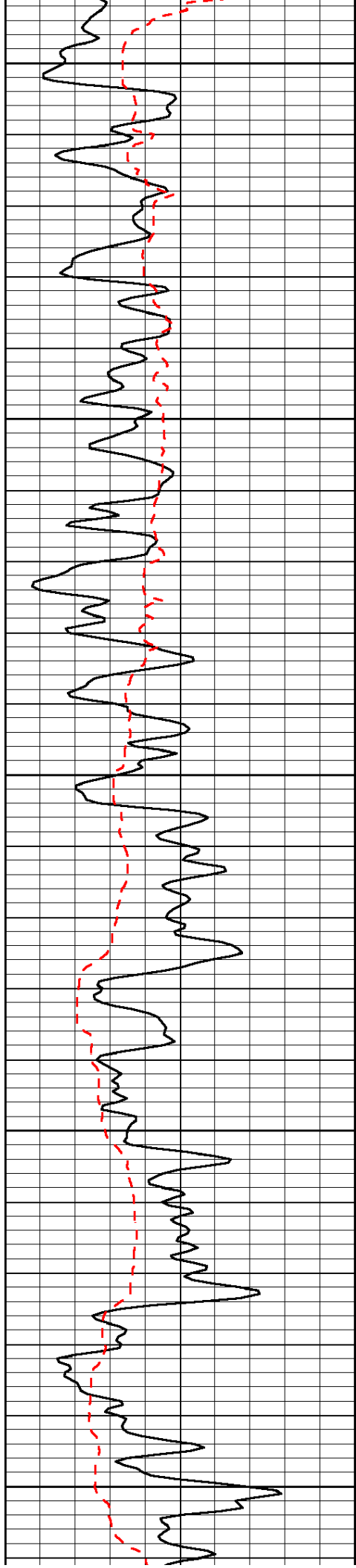


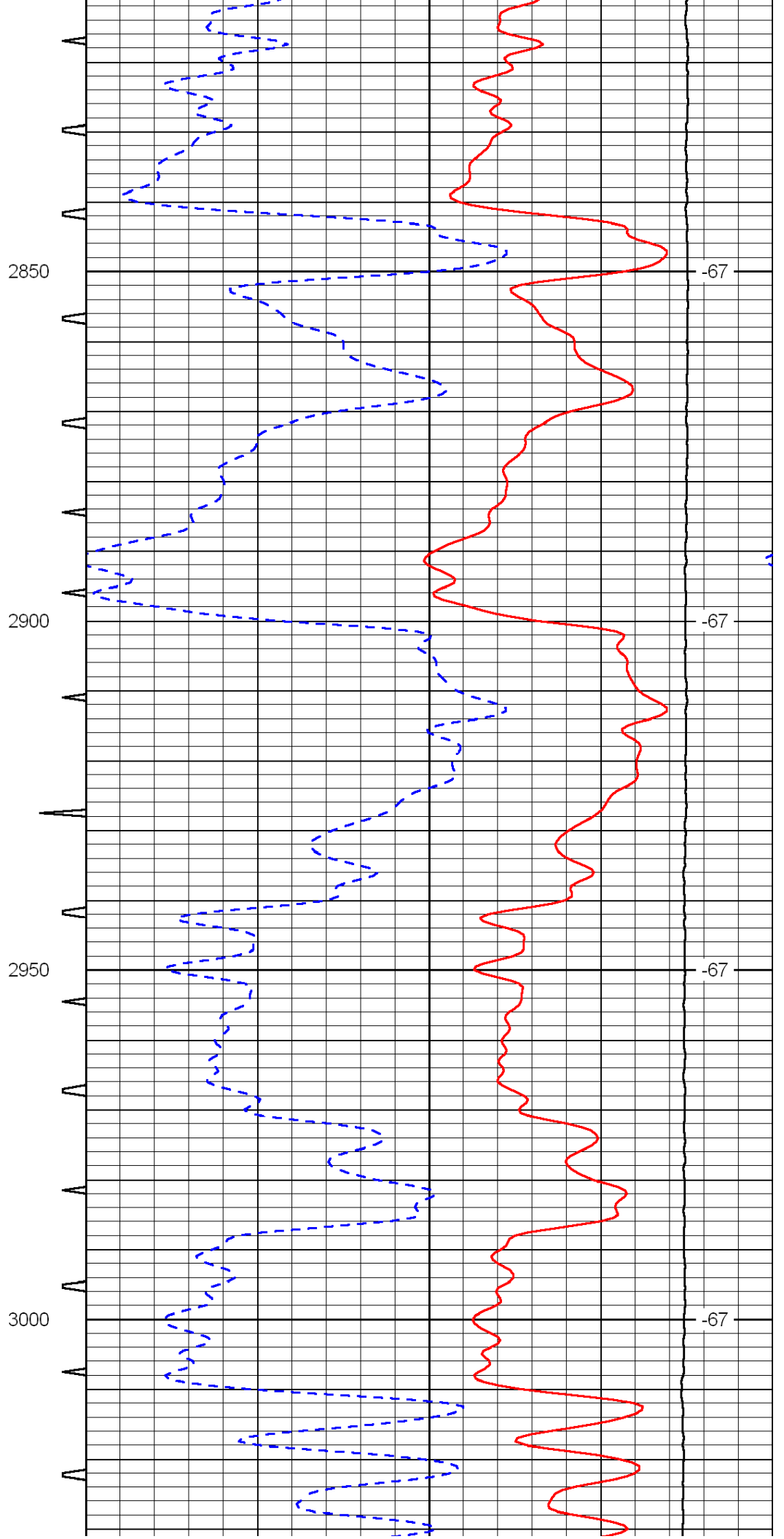
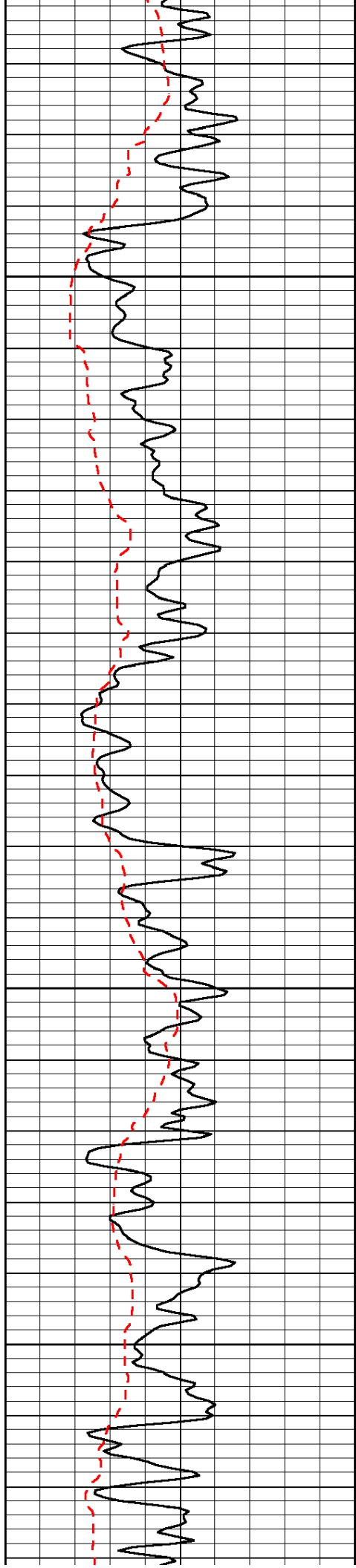


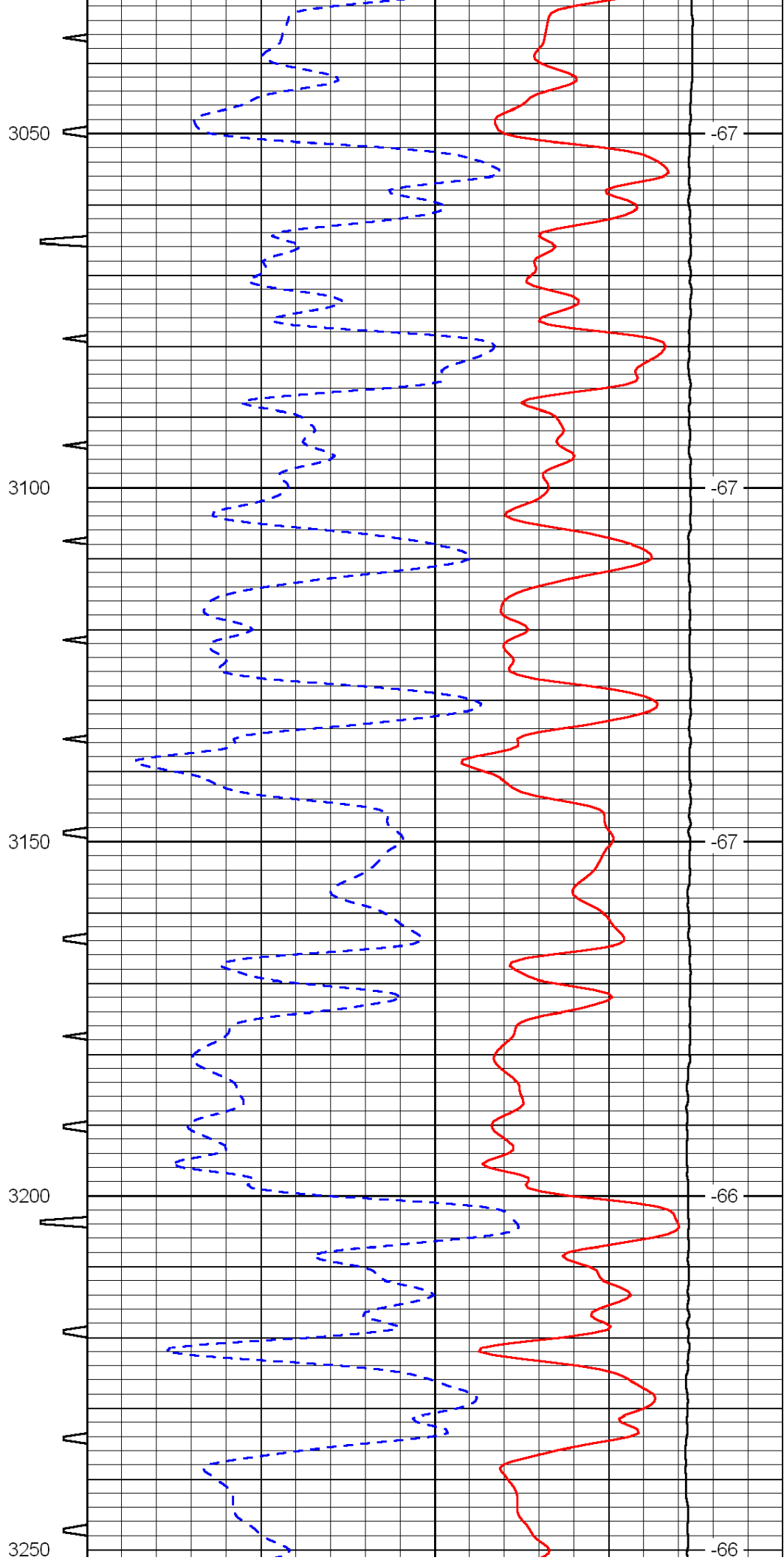
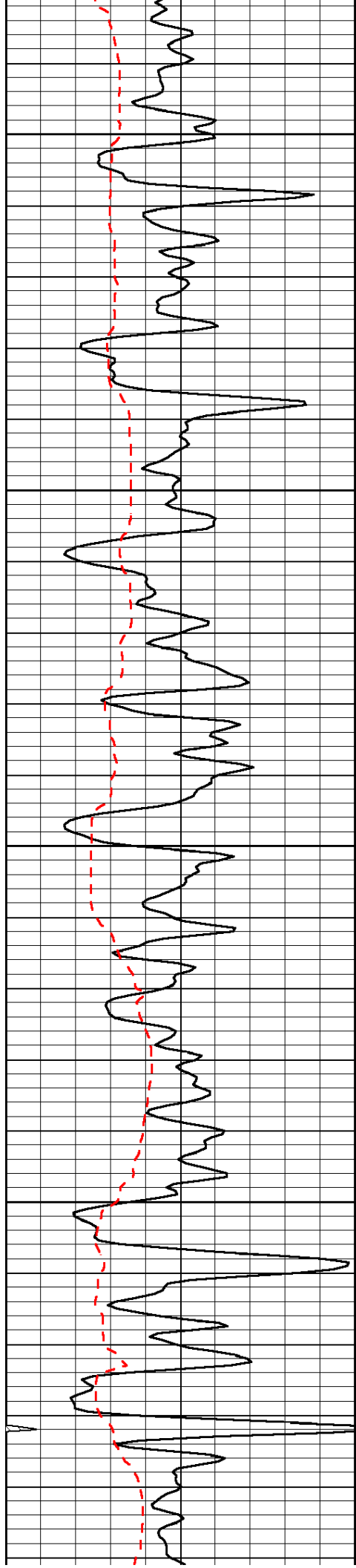


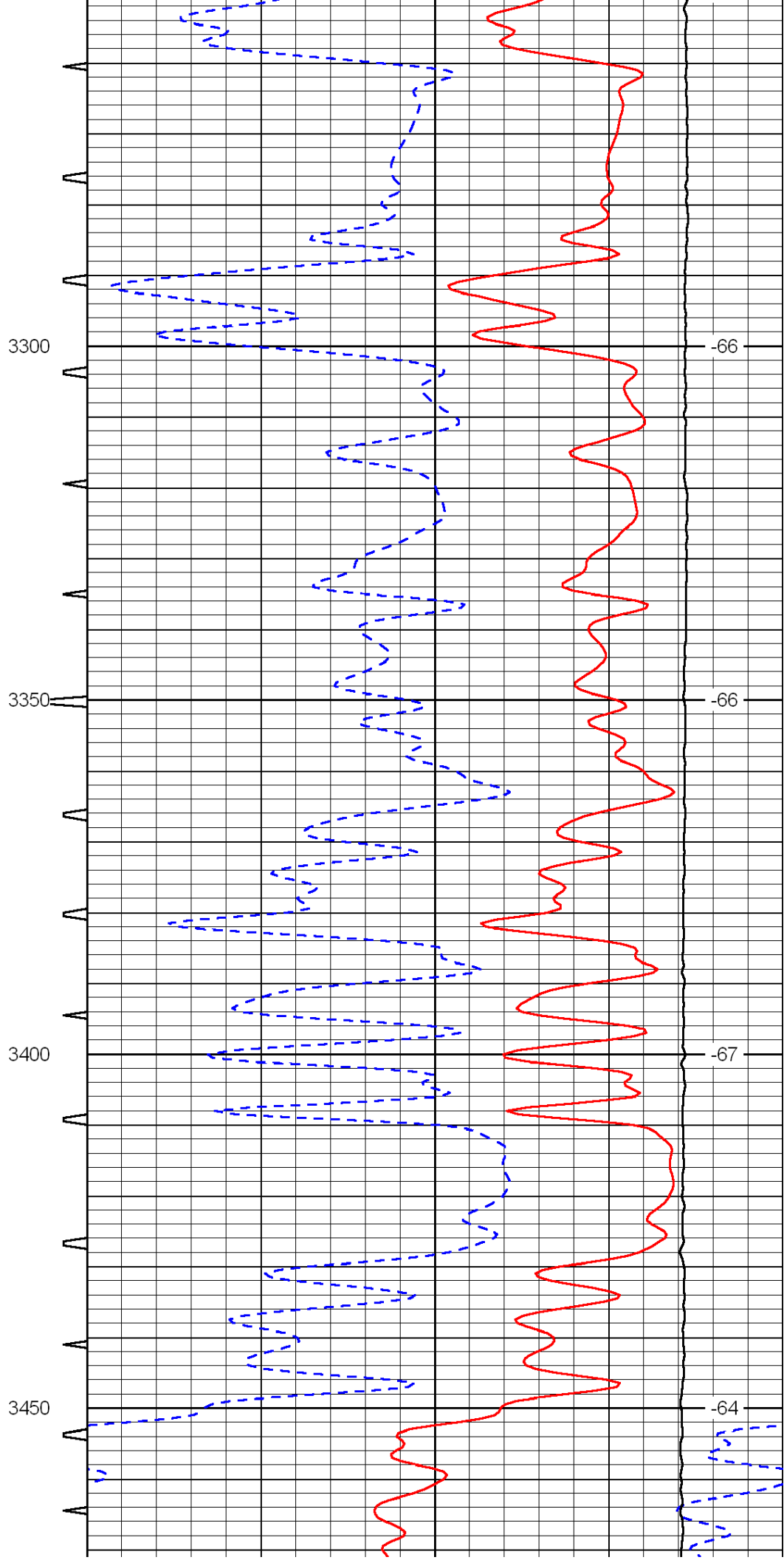
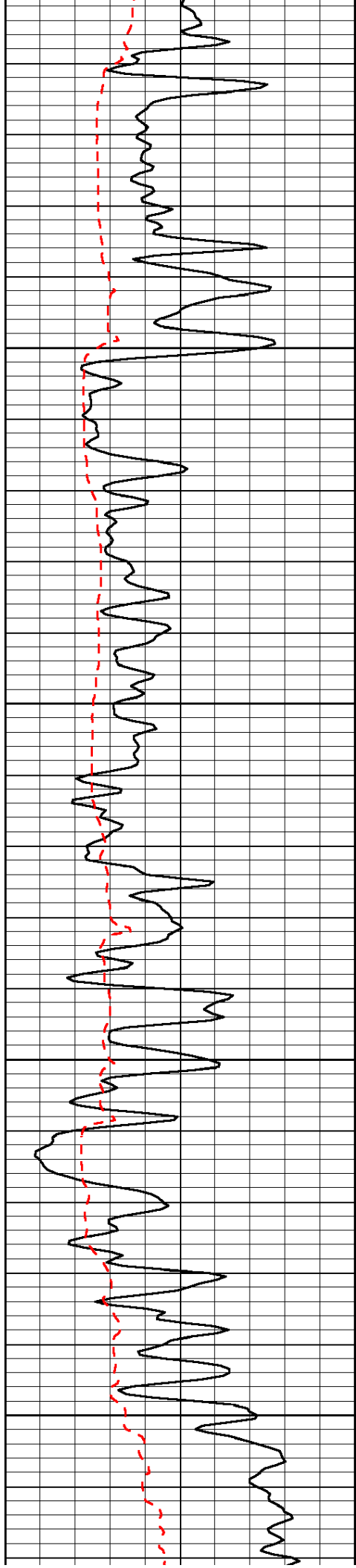


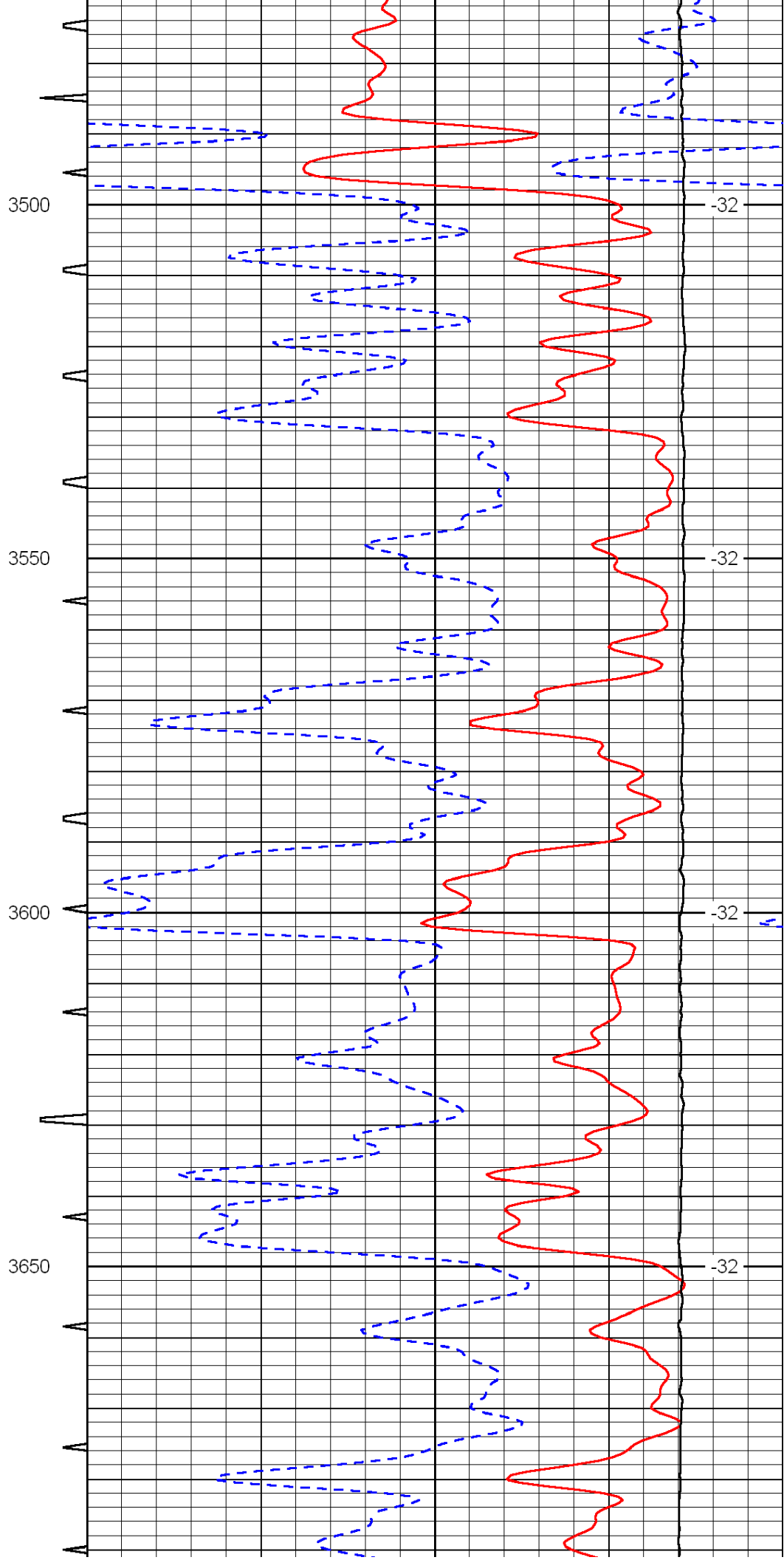
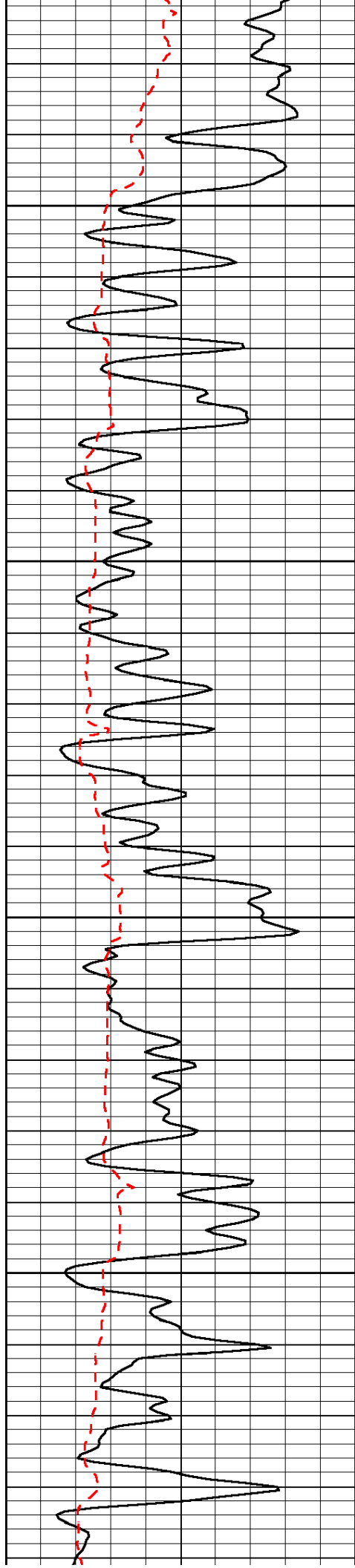


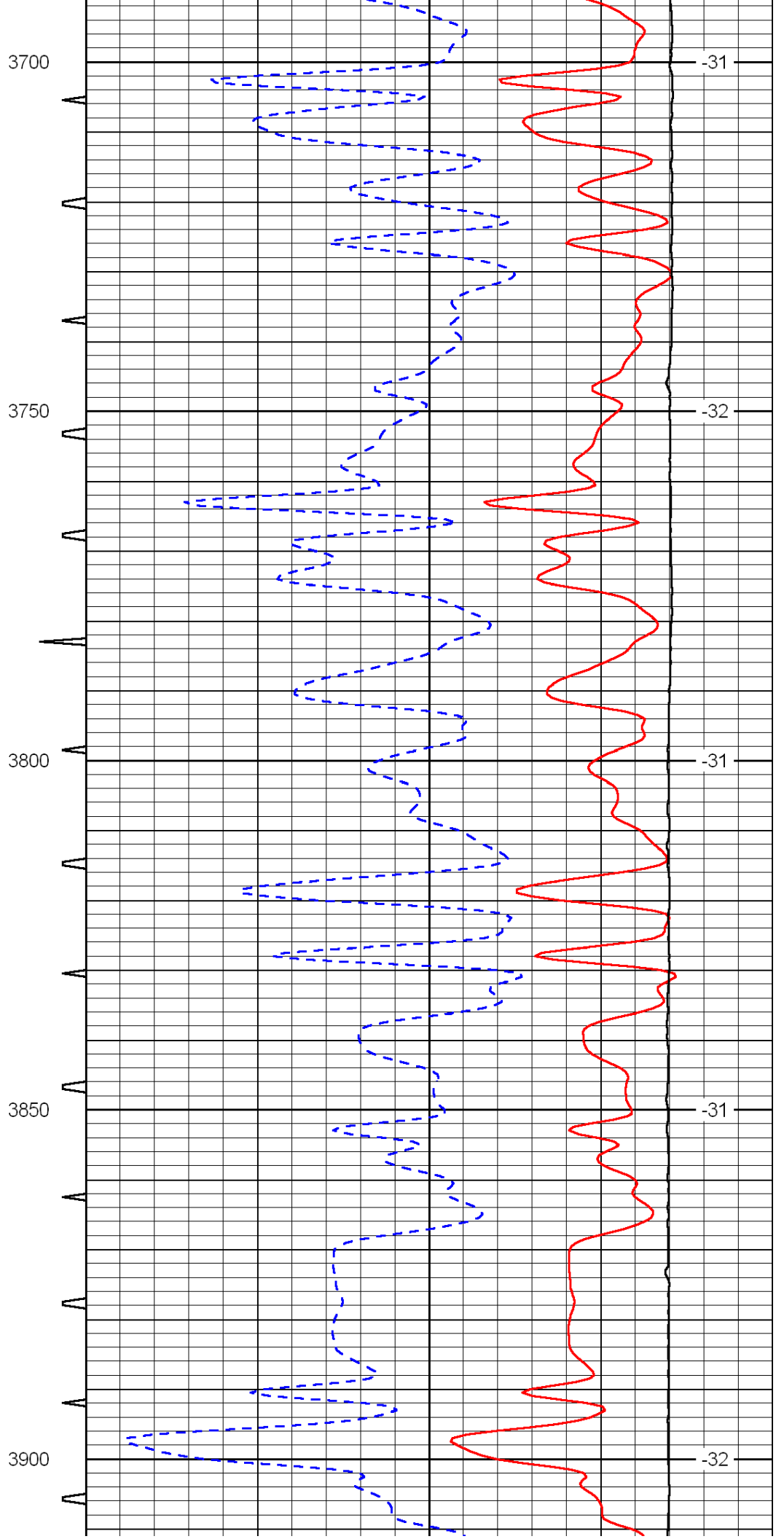
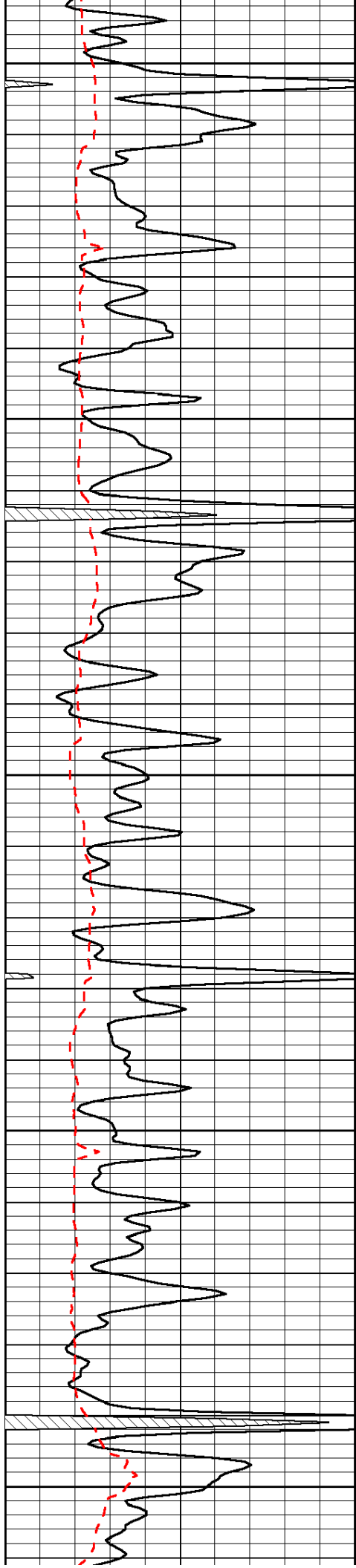


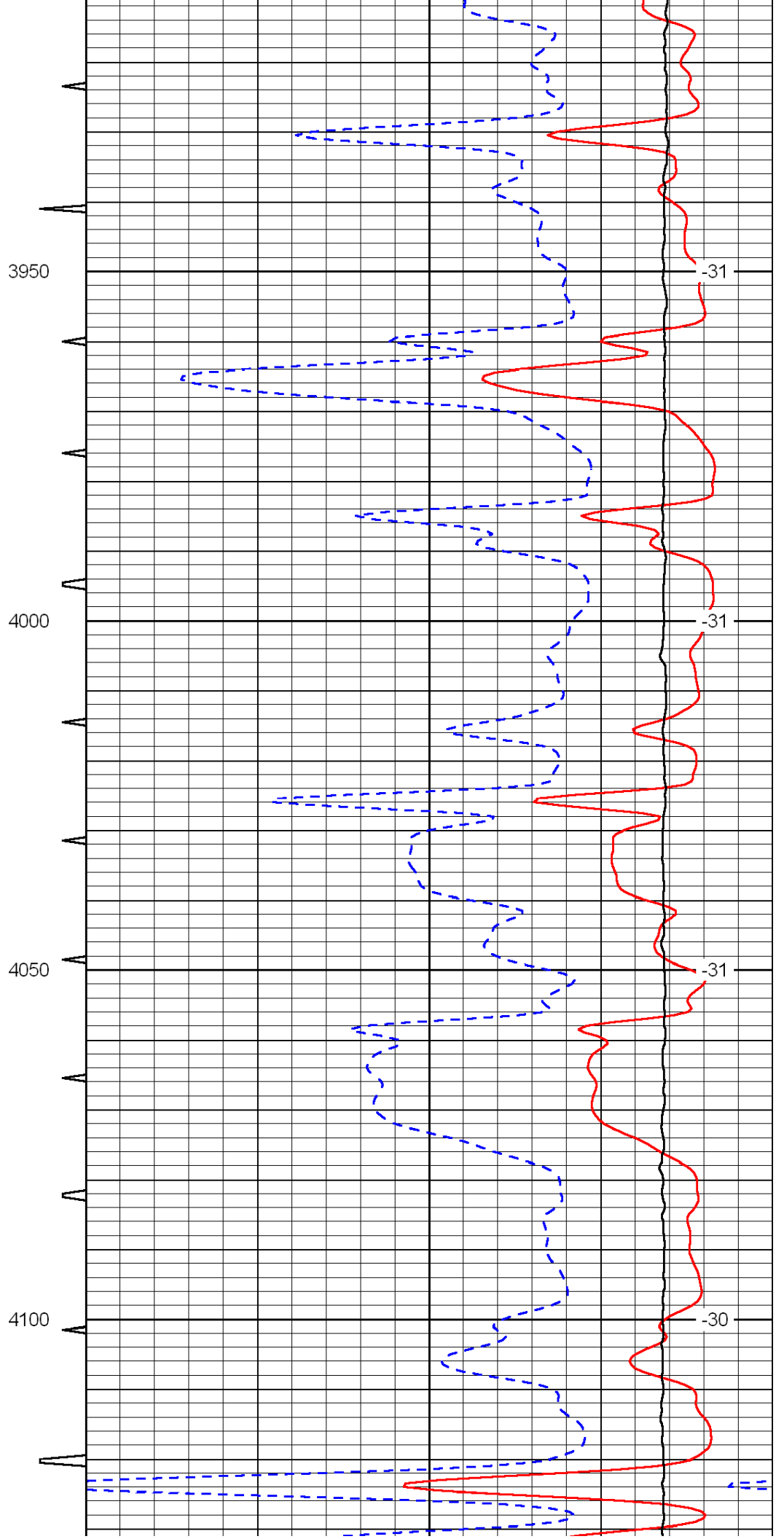
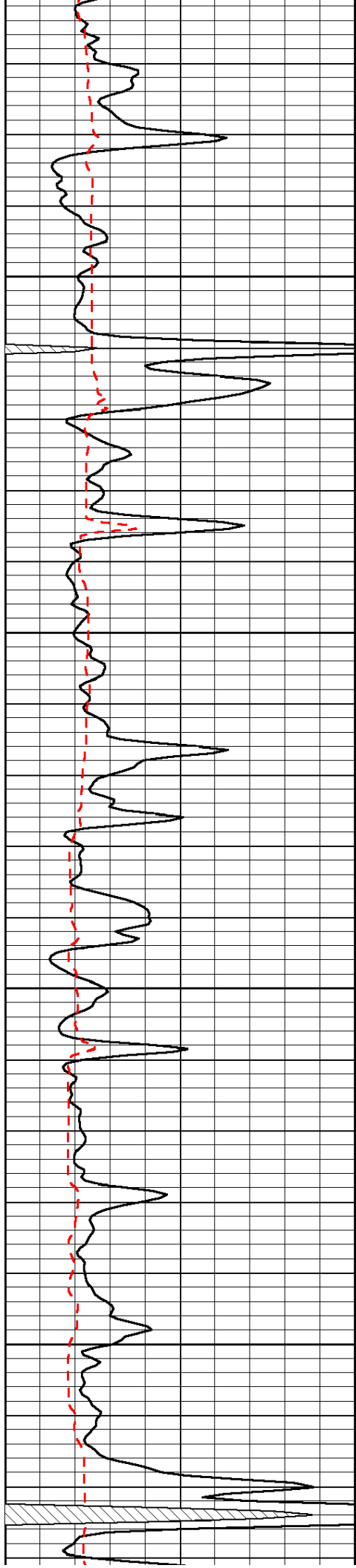


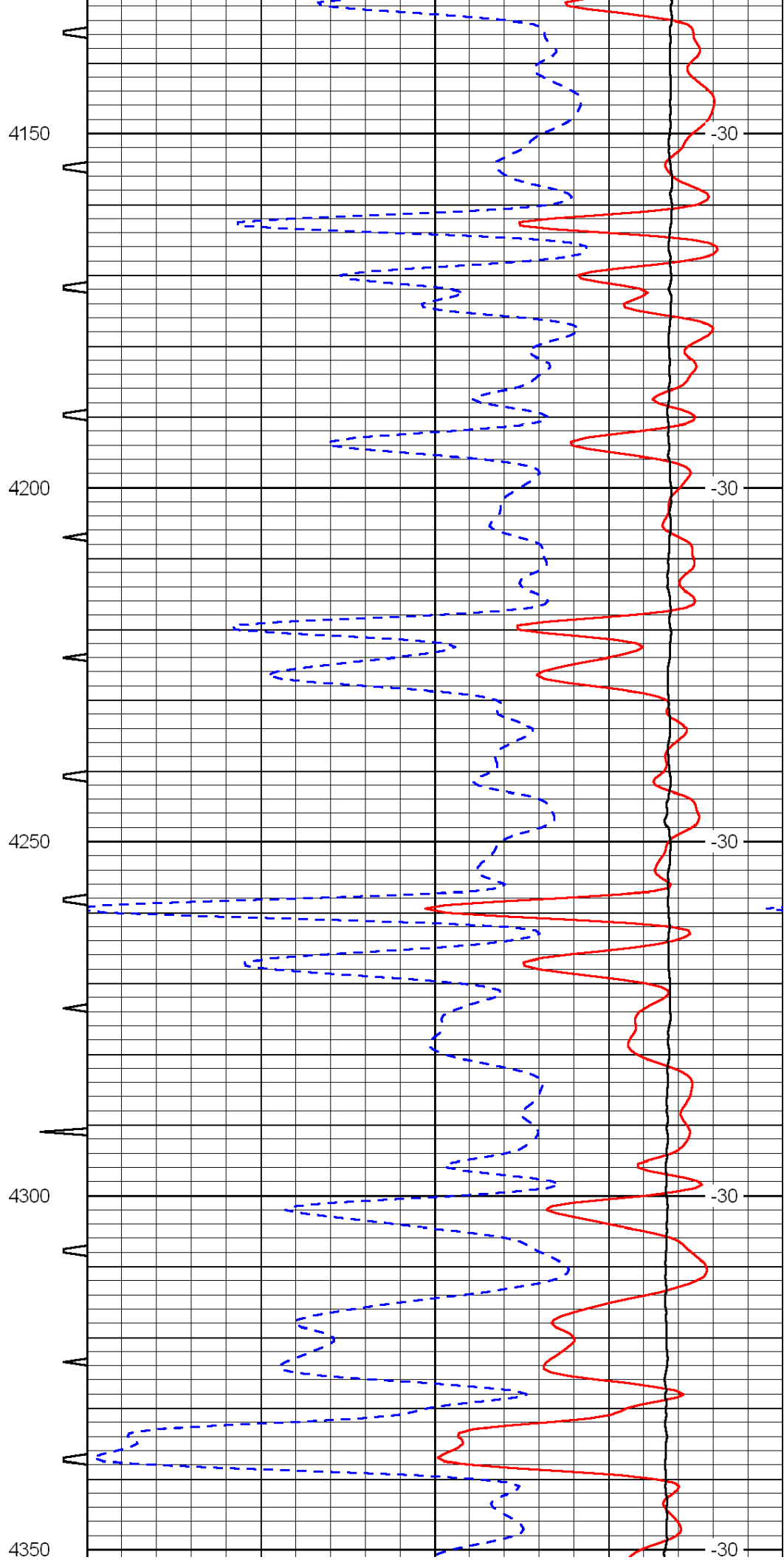
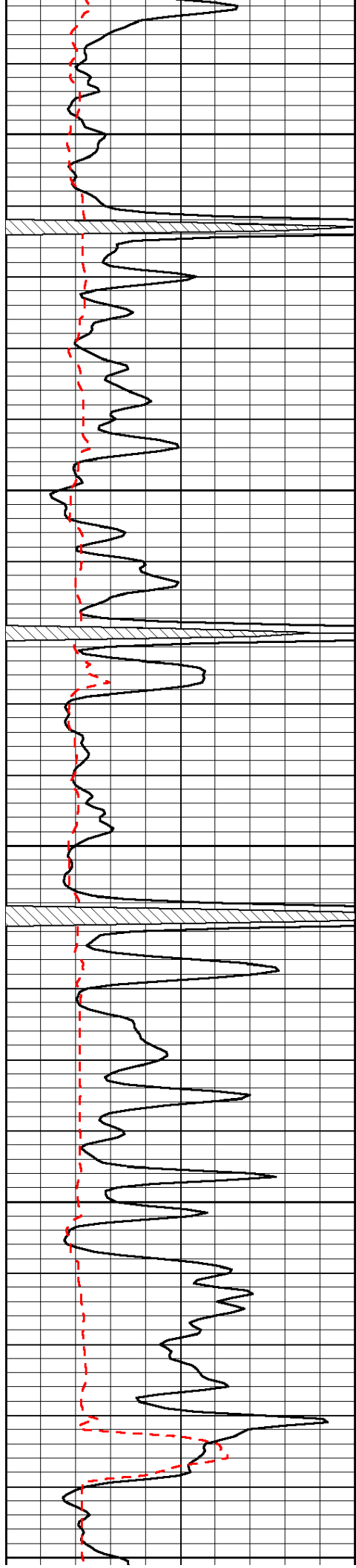




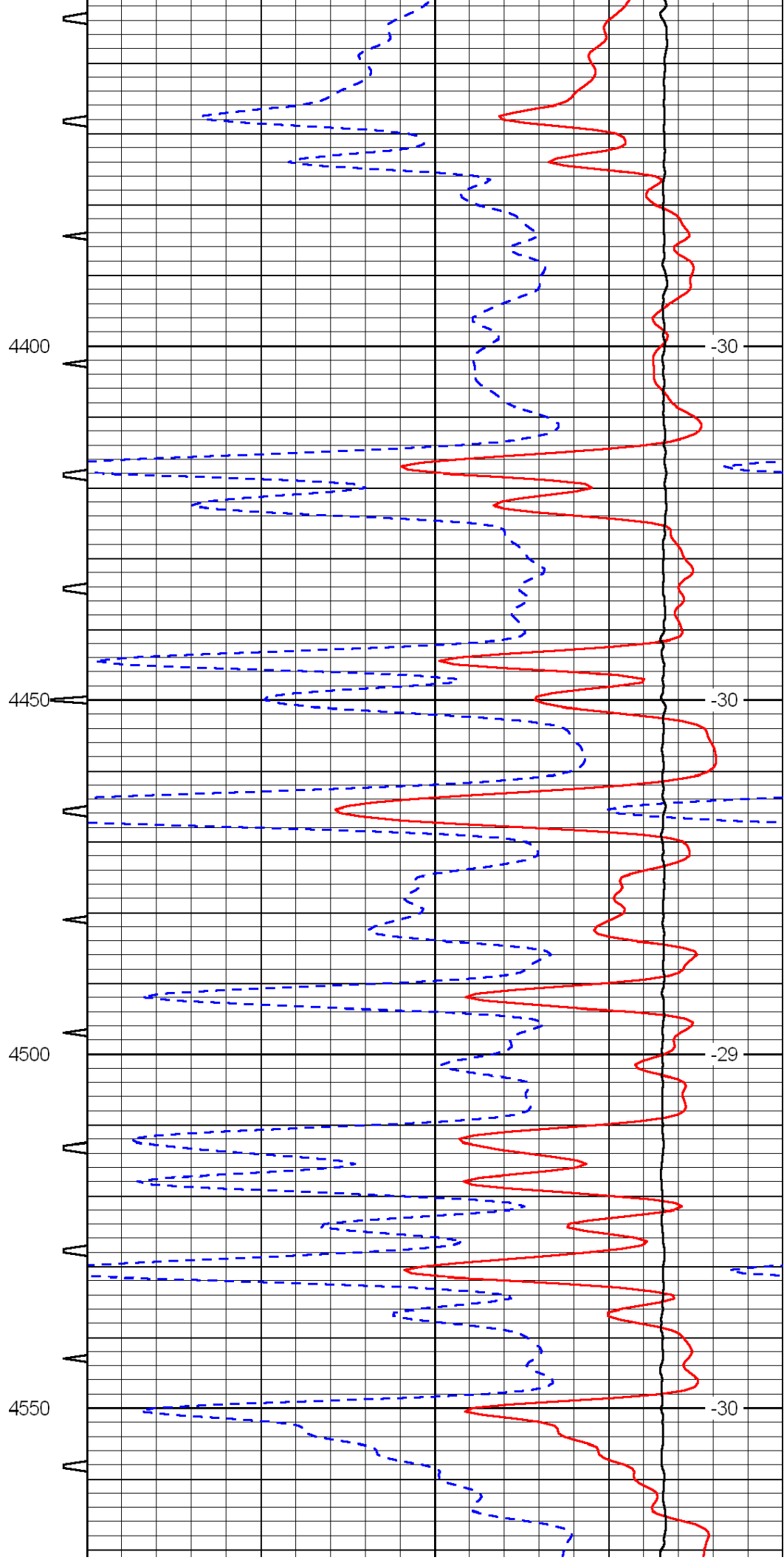
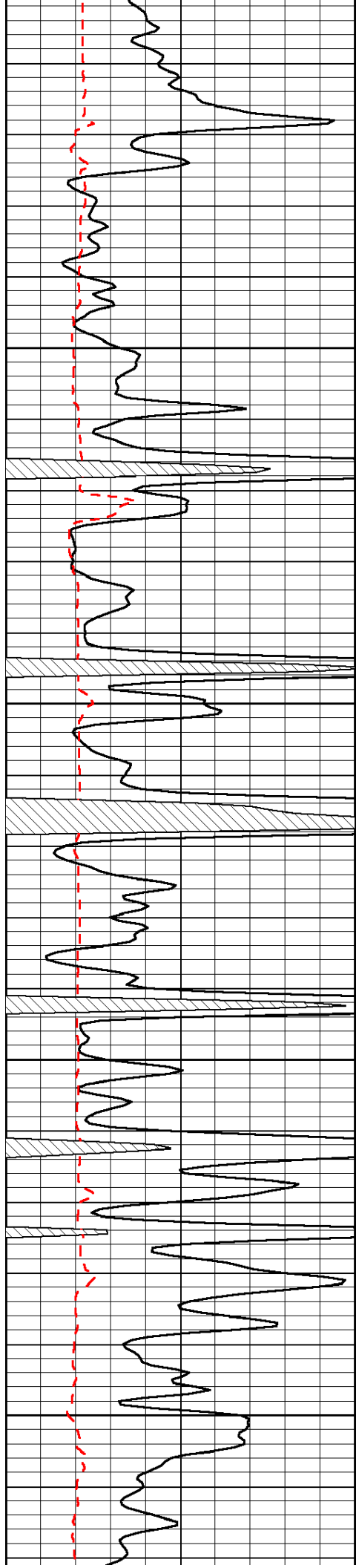


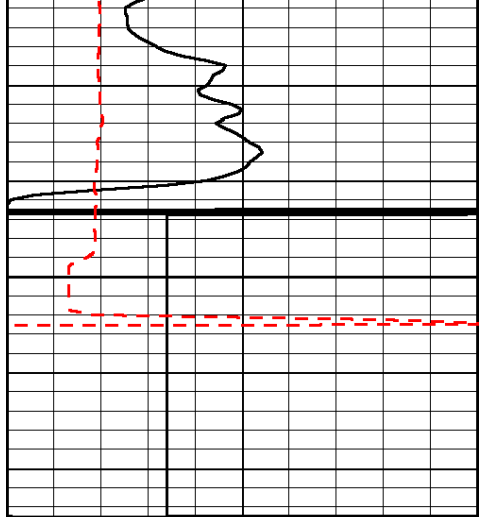




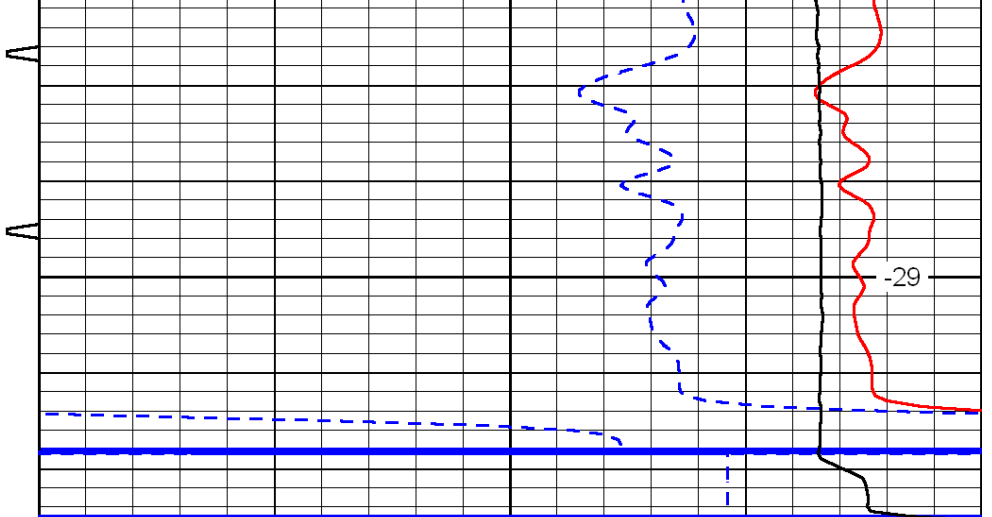








4600



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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Flatirons Resources LLC

**Hanson #24-28**

303 E 17th Ave ,Ste 940  
Dnvr, Colo  
80203  
ATTN: Tim Priest

**28-18-30 Lane, Ks**

Job Ticket: 042195

**DST#: 1**

Test Start: 2011.04.18 @ 01:00:50

## GENERAL INFORMATION:

Formation: **K**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 03:37:35  
 Time Test Ended: 08:35:35  
 Interval: **4212.00 ft (KB) To 4247.00 ft (KB) (TVD)**  
 Total Depth: 4260.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle  
 Tester: Shane McBride  
 Unit No: 55  
 Reference Elevations: 2890.00 ft (KB)  
 2883.00 ft (CF)  
 KB to GR/CF: 7.00 ft

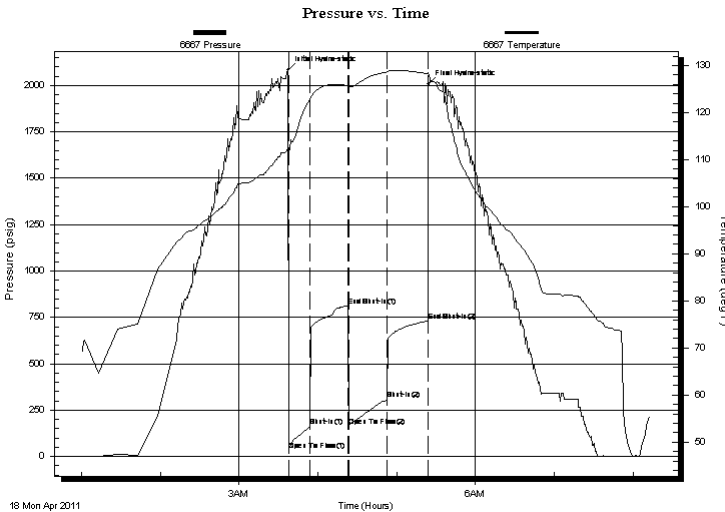
## Serial #: 6667

Inside

Press @ Run Depth: 307.01 psig @ 4213.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.04.18 End Date: 2011.04.18 Last Calib.: 2011.04.18  
 Start Time: 01:00:50 End Time: 08:12:35 Time On Btm: 2011.04.18 @ 03:37:20  
 Time Off Btm: 2011.04.18 @ 05:24:05

TEST COMMENT: B.O.B. in 7 1/2 min  
 No return  
 B.O.B. in 10 min  
 No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2081.78	112.26	Initial Hydro-static
1	31.30	111.88	Open To Flow (1)
17	160.99	122.76	Shut-In(1)
46	813.73	125.77	End Shut-In(1)
46	164.24	125.52	Open To Flow (2)
76	307.01	128.64	Shut-In(2)
107	731.13	128.26	End Shut-In(2)
107	2007.76	128.40	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
360.00	s o c w 2%o 98%w	4.00
180.00	s o & m c w 5%o 10%m 85%w	2.52
85.00	o & m c w 10%o 40%m 50%w	1.19
20.00	c o 100%o	0.28

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Flatirons Resources LLC

**Hanson #24-28**

303 E 17th Ave ,Ste 940  
Dnver, Colo  
80203  
ATTN: Tim Priest

**28-18-30 Lane, Ks**

Job Ticket: 042195

**DST#: 1**

Test Start: 2011.04.18 @ 01:00:50

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 6.40 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 900.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 34 deg API

Water Salinity: 36000 ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
360.00	s o c w 2%o 98%w	4.002
180.00	s o & m c w 5%o 10%m 85%w	2.525
85.00	o & m c w 10%o 40%m 50%w	1.192
20.00	c o 100%o	0.281

Total Length: 645.00 ft      Total Volume: 8.000 bbl

Num Fluid Samples: 0

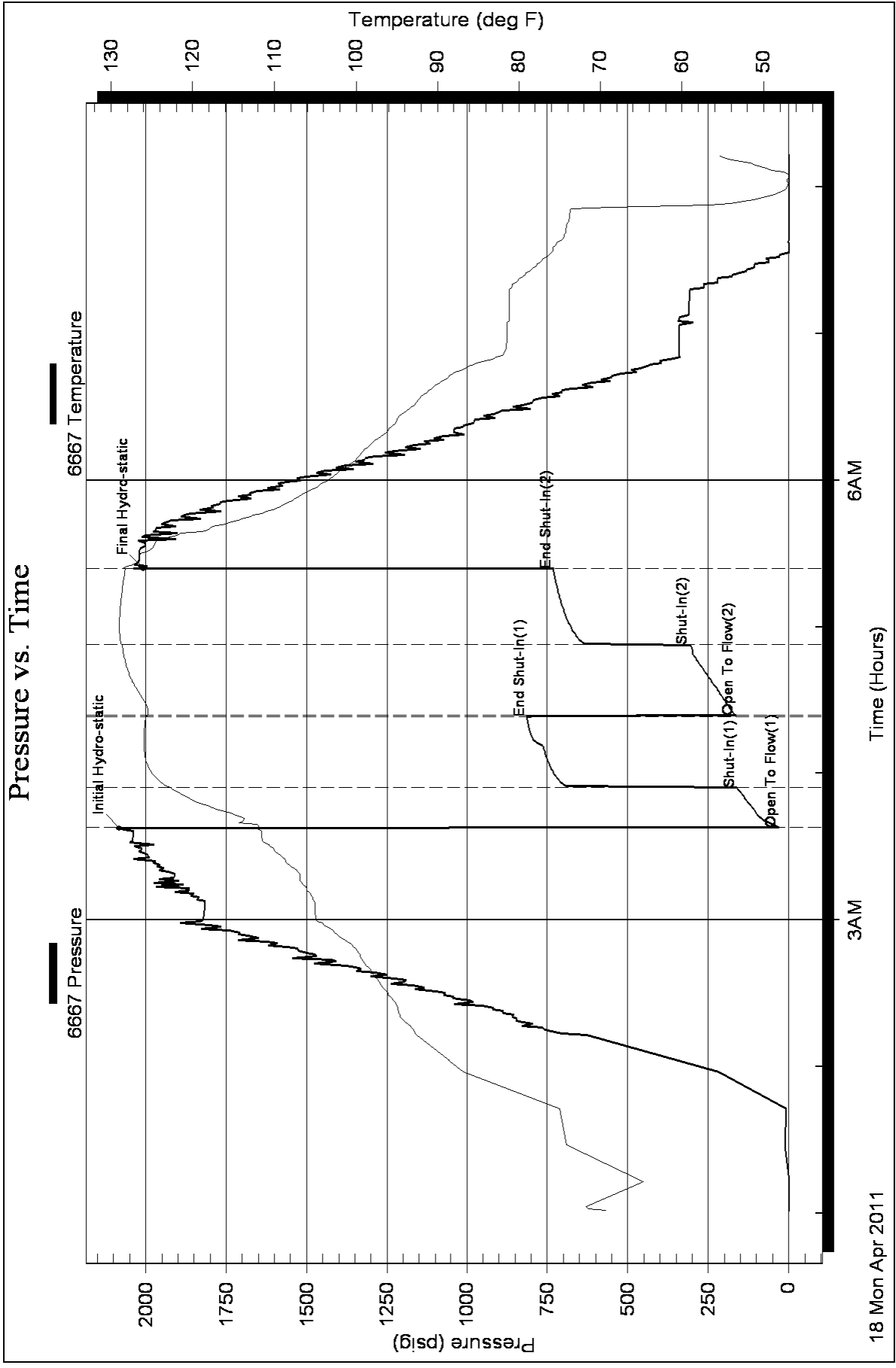
Num Gas Bombs: 0

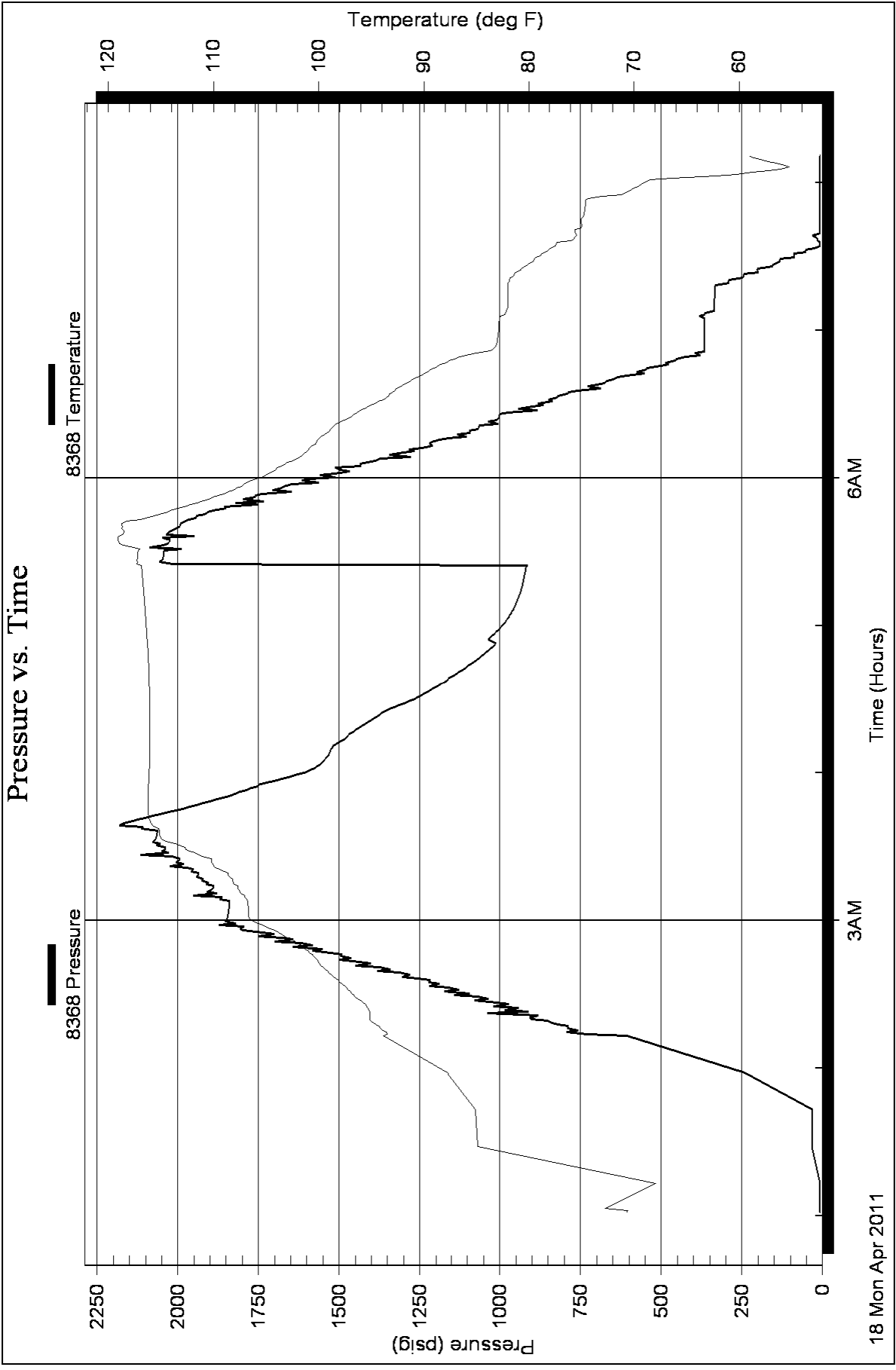
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .282 @ 50\*f = 36,000 chlor







**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Flatirons Resources LLC  
 303 E 17th Ave ,Ste 940  
 Drver, Colo  
 80203  
 ATTN: Tim Priest

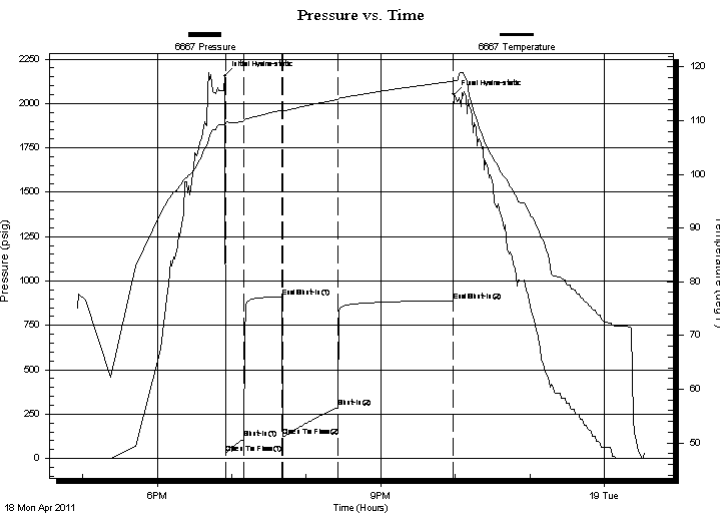
**Hanson #24-28**  
**28-18-30 Lane, Ks**  
 Job Ticket: 042196 **DST#: 2**  
 Test Start: 2011.04.18 @ 16:55:57

## GENERAL INFORMATION:

Formation: **L**  
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Straddle**  
 Time Tool Opened: 18:55:12 Tester: **Shane McBride**  
 Time Test Ended: 00:45:57 Unit No: **55**  
**Interval: 4261.00 ft (KB) To 4298.00 ft (KB) (TVD)** Reference Elevations: **2890.00 ft (KB)**  
 Total Depth: **4298.00 ft (KB) (TVD)** **2883.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair** KB to GR/CF: **7.00 ft**

**Serial #: 6667** **Outside**  
 Press @RunDepth: **287.52 psig @ 4262.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2011.04.18** End Date: **2011.04.19** Last Calib.: **2011.04.19**  
 Start Time: **16:55:57** End Time: **00:32:57** Time On Btm: **2011.04.18 @ 18:54:27**  
 Time Off Btm: **2011.04.18 @ 21:58:57**

**TEST COMMENT:** B.O.B. in 7 min.  
 2 3/4" in return  
 B.O.B. in 6 min.  
 1 1/4" in return , died in 65 min.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2154.44	109.38	Initial Hydro-static
1	31.74	109.45	Open To Flow (1)
16	112.87	109.99	Shut-In(1)
46	910.82	112.00	End Shut-In(1)
47	125.21	111.77	Open To Flow (2)
91	287.52	113.94	Shut-In(2)
184	889.23	117.32	End Shut-In(2)
185	2050.13	117.45	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	mc g o 35% m 15% g 50% o	0.15
710.00	c g o 15% g 85% o	9.19
0.00	320' weak gas in pipe	0.00

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Flatirons Resources LLC

**Hanson #24-28**

303 E 17th Ave ,Ste 940  
Dnver, Colo  
80203  
ATTN: Tim Priest

**28-18-30 Lane, Ks**

Job Ticket: 042196

**DST#: 2**

Test Start: 2011.04.18 @ 16:55:57

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 6.39 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 900.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: 0 ppm

32 deg API

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	m c g o 35% m 15% g 50% o	0.148
710.00	c g o 15% g 85% o	9.185
0.00	320' weak gas in pipe	0.000

Total Length: 740.00 ft      Total Volume: 9.333 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

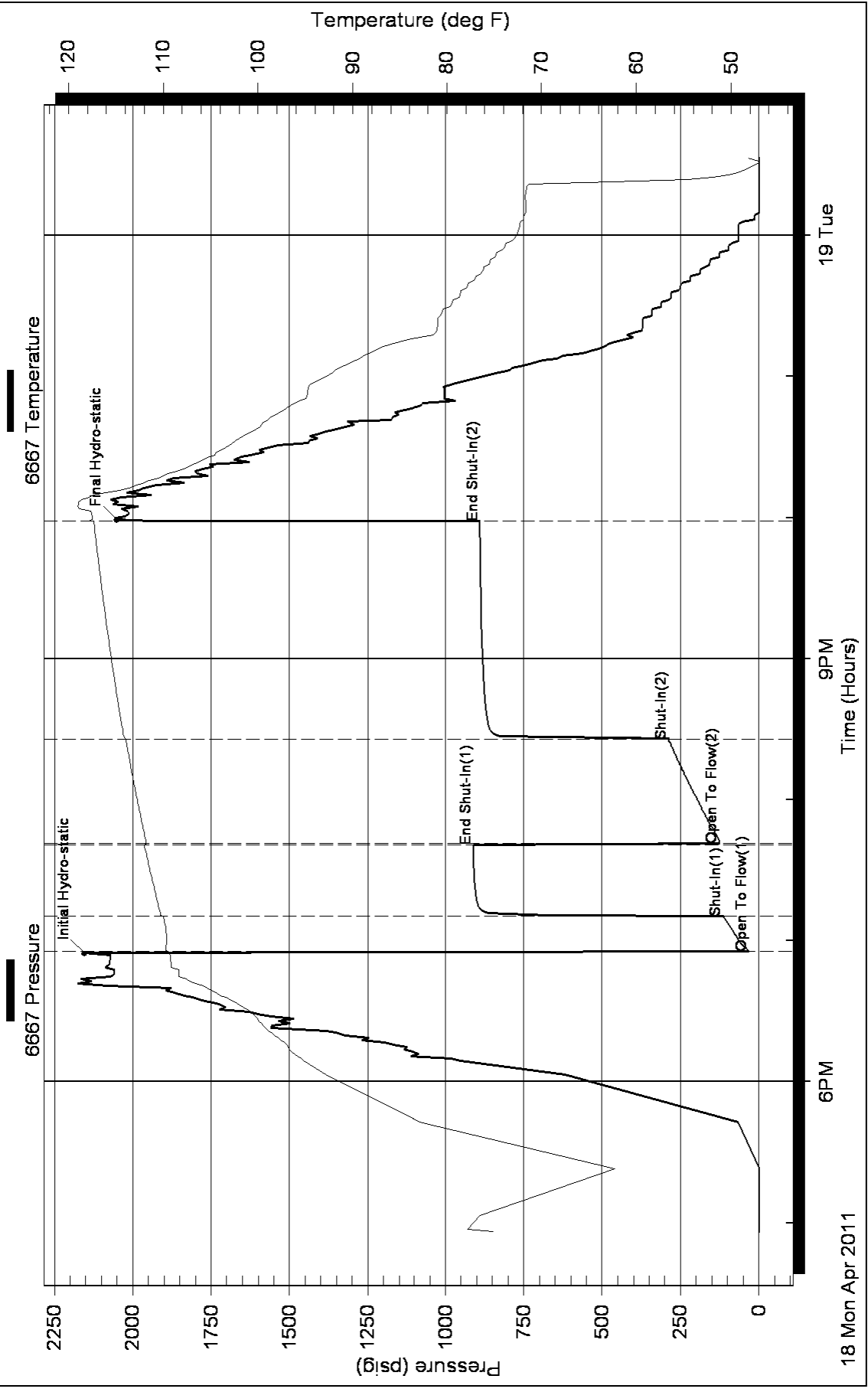
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Flatirons Resources LLC

303 E 17th Ave ,Ste 940  
Dnver, Colo  
80203  
ATTN: Tim Priest

**Hanson #24-28**

**28-18-30 Lane, Ks**

Job Ticket: 042197

**DST#: 3**

Test Start: 2011.04.19 @ 13:00:15

## GENERAL INFORMATION:

Formation: **Pleasanton, Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:36:00

Time Test Ended: 18:45:45

Test Type: Conventional Straddle

Tester: Shane McBride

Unit No: 55

**Interval: 4302.00 ft (KB) To 4368.00 ft (KB) (TVD)**

Total Depth: 4368.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2890.00 ft (KB)

2883.00 ft (CF)

KB to GR/CF: 7.00 ft

**Serial #: 6667 Outside**

Press @ Run Depth: 23.21 psig @ 4303.00 ft (KB)

Start Date: 2011.04.19

End Date: 2011.04.19

Start Time: 13:00:15

End Time: 18:31:45

Capacity: 8000.00 psig

Last Calib.: 2011.04.19

Time On Btm: 2011.04.19 @ 14:35:45

Time Off Btm: 2011.04.19 @ 16:39:45

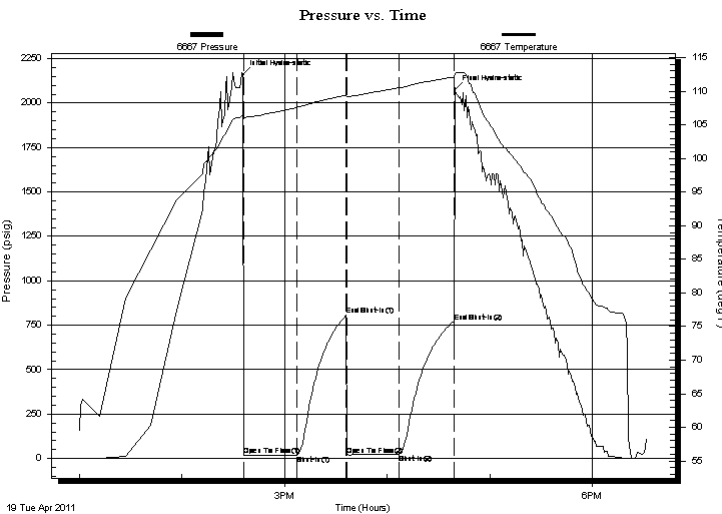
**TEST COMMENT:** Weak blow died in 8 min.

No return

No blow

No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2160.67	106.47	Initial Hydro-static
1	16.35	106.05	Open To Flow (1)
32	19.58	107.58	Shut-In(1)
61	805.29	109.40	End Shut-In(1)
61	20.91	109.14	Open To Flow (2)
91	23.21	110.49	Shut-In(2)
123	770.55	112.09	End Shut-In(2)
124	2076.20	112.58	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100% m	0.02

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Flatirons Resources LLC

**Hanson #24-28**

303 E 17th Ave ,Ste 940  
Drver, Colo  
80203  
ATTN: Tim Priest

**28-18-30 Lane, Ks**

Job Ticket: 042197

**DST#: 3**

Test Start: 2011.04.19 @ 13:00:15

## 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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

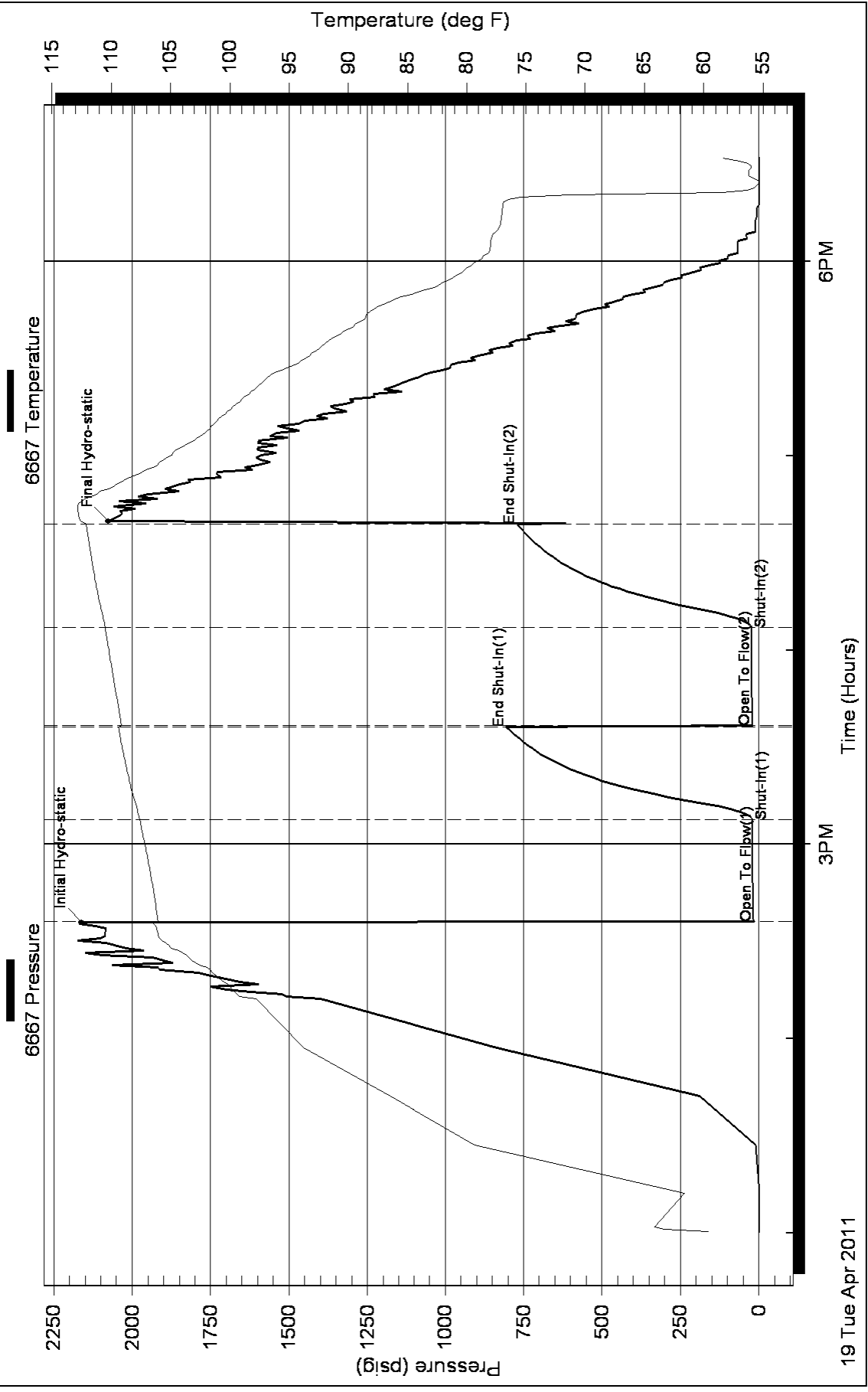
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Flatirons Resources LLC

**Hanson #24-28**

303 E 17th Ave ,Ste 940  
Drver, Colo  
80203  
ATTN: Tim Priest

**28-18-30 Lane, Ks**

Job Ticket: 042198

**DST#: 4**

Test Start: 2011.04.20 @ 06:16:00

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:08:15

Time Test Ended: 14:10:30

Test Type: Conventional Straddle

Tester: Shane McBride

Unit No: 55

**Interval: 4368.00 ft (KB) To 4420.00 ft (KB) (TVD)**

Reference Elevations: 2890.00 ft (KB)

Total Depth: 4420.00 ft (KB) (TVD)

2883.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 6667 Outside**

Press @ Run Depth: 938.59 psig @ 4369.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.20 End Date: 2011.04.20

Last Calib.: 2011.04.20

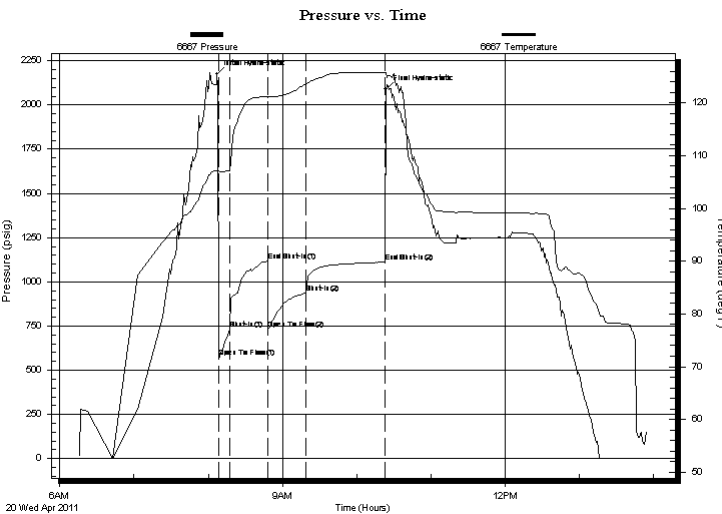
Start Time: 06:16:00 End Time: 13:54:30

Time On Btm: 2011.04.20 @ 08:07:00

Time Off Btm: 2011.04.20 @ 10:23:30

**TEST COMMENT:** B.O.B. in 1/2 min.  
B.O.B. in 10 min.  
B.O.B. @ open  
3" in return, died back to 1/2" in.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2174.59	107.08	Initial Hydro-static
2	574.17	107.10	Open To Flow (1)
11	734.36	107.23	Shut-In(1)
42	1117.78	121.23	End Shut-In(1)
42	733.21	121.09	Open To Flow (2)
72	938.59	123.63	Shut-In(2)
136	1110.22	125.69	End Shut-In(2)
137	2089.56	125.74	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
115.00	mc g o 25% m 20% g 55% o	0.57
2225.00	c g o 20% g 80% o reversed out	31.21
90.00	c g o 15% g 85% o	1.26
0.00	510' gas in pipe	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Flatirons Resources LLC

**Hanson #24-28**

303 E 17th Ave ,Ste 940  
Drver, Colo  
80203  
ATTN: Tim Priest

**28-18-30 Lane, Ks**

Job Ticket: 042198

**DST#: 4**

Test Start: 2011.04.20 @ 06:16:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
115.00	m c g o 25% m 20% g 55% o	0.566
2225.00	c g o 20% g 80% o reversed out	31.211
90.00	c g o 15% g 85% o	1.262
0.00	510' gas in pipe	0.000

Total Length: 2430.00 ft

Total Volume: 33.039 bbl

Num Fluid Samples: 0

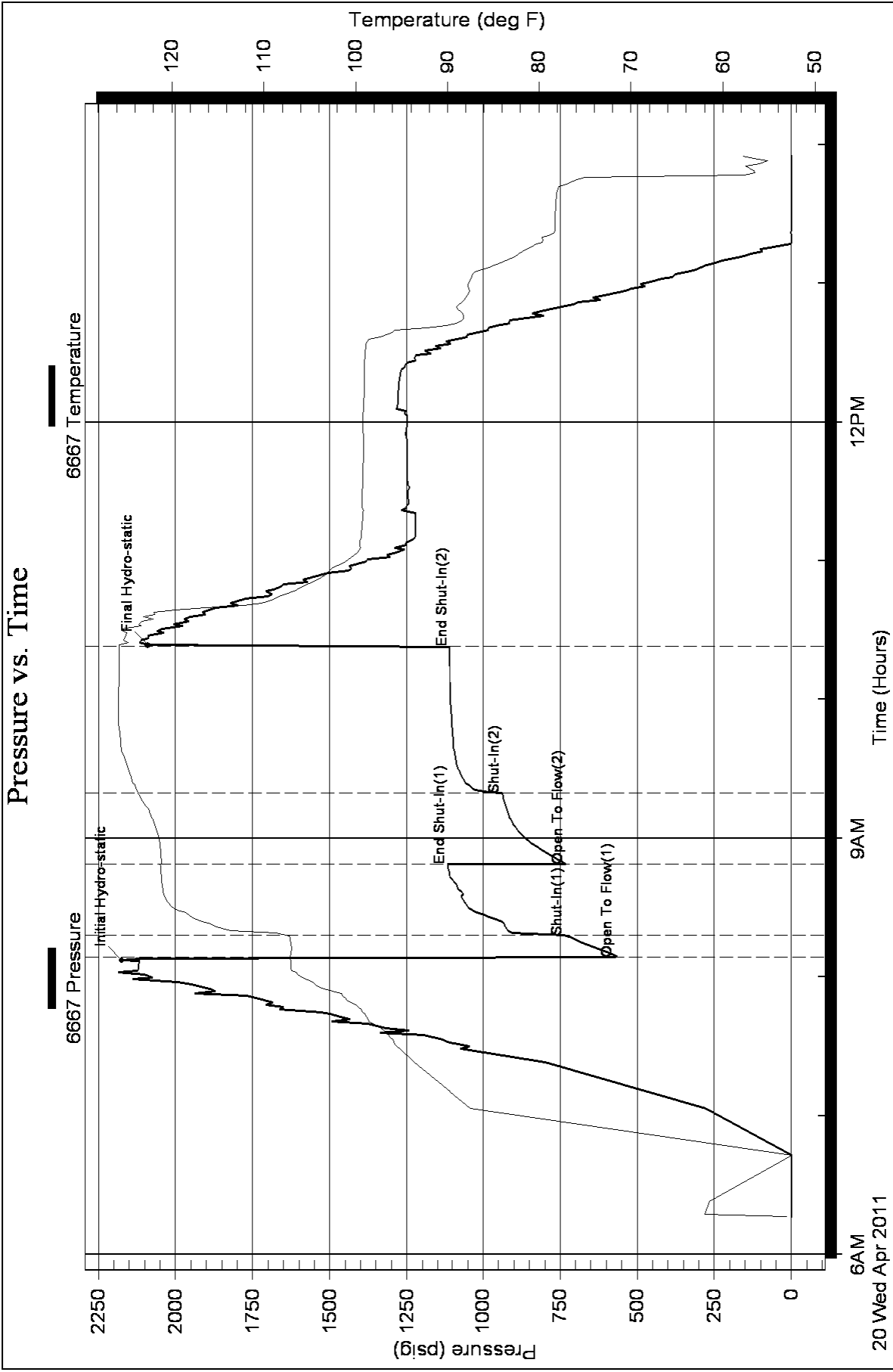
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Flatirons Resources LLC

303 E 17th Ave ,Ste 940  
Dnver, Colo  
80203  
ATTN: Tim Priest

**Hanson #24-28**

**28-18-30 Lane, Ks**

Job Ticket: 042199

**DST#: 5**

Test Start: 2011.04.21 @ 01:05:40

## GENERAL INFORMATION:

Formation: **Pawnee-Myrick Sta**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:57:25

Time Test Ended: 09:50:10

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 55

**Interval: 4422.00 ft (KB) To 4464.00 ft (KB) (TVD)**

Reference Elevations: 2890.00 ft (KB)

Total Depth: 4464.00 ft (KB) (TVD)

2883.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 6667 Outside**

Press @ Run Depth: 193.52 psig @ 4423.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.21

End Date:

2011.04.21

Last Calib.:

2011.04.21

Start Time: 01:05:40

End Time:

09:32:10

Time On Btm:

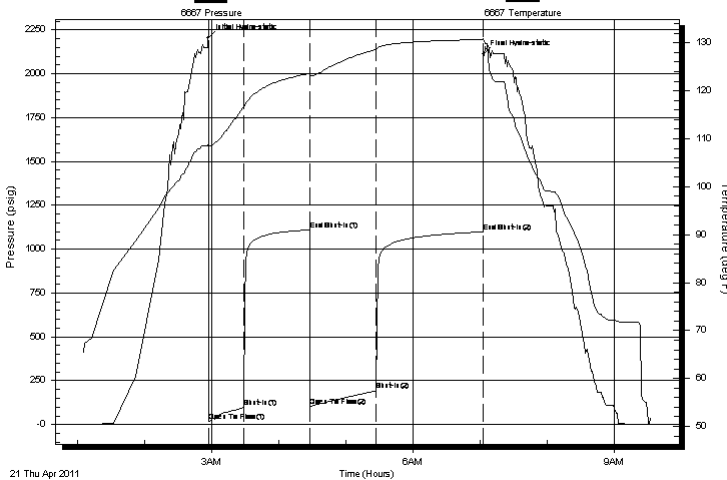
2011.04.21 @ 02:56:55

Time Off Btm:

2011.04.21 @ 07:02:40

**TEST COMMENT:** 9" in blow  
No return  
B.O.B. in 53 min.  
No return

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2201.90	108.73	Initial Hydro-static
1	16.98	108.31	Open To Flow (1)
32	99.16	116.55	Shut-In(1)
91	1110.59	123.61	End Shut-In(1)
91	102.54	123.03	Open To Flow (2)
151	193.52	128.68	Shut-In(2)
246	1098.87	130.69	End Shut-In(2)
246	2111.36	130.93	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
240.00	water 100%w	2.32
90.00	m c w 20%m 80%w	1.26

## Gas Rates

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



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Flatirons Resources LLC

**Hanson #24-28**

303 E 17th Ave ,Ste 940  
Dnver, Colo  
80203  
ATTN: Tim Priest

**28-18-30 Lane, Ks**

Job Ticket: 042199

**DST#: 5**

Test Start: 2011.04.21 @ 01:05:40

## 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:

29000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	water 100%w	2.319
90.00	m c w 20%m 80%w	1.262

Total Length: 330.00 ft      Total Volume: 3.581 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

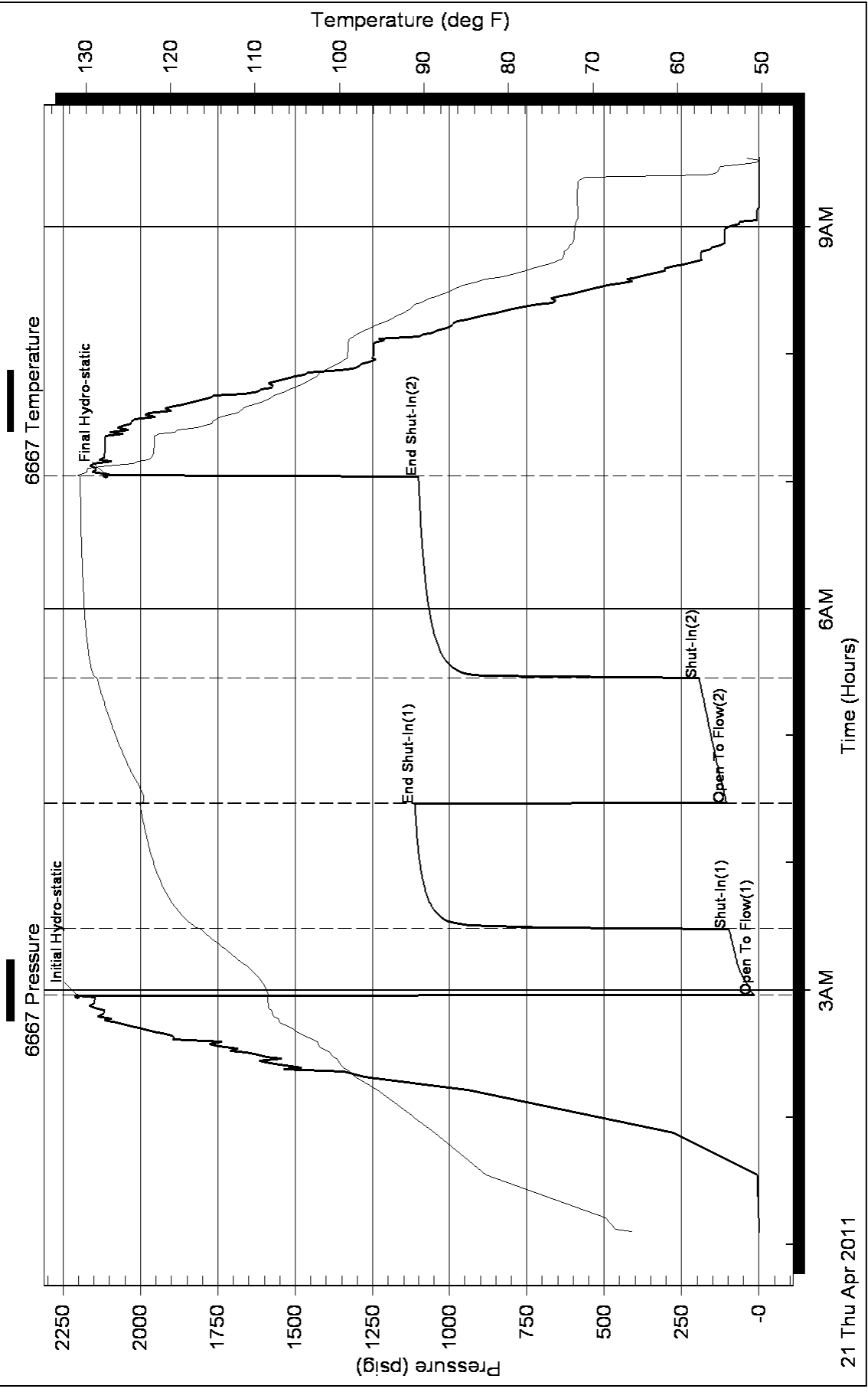
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .360 @ 45\*f = 29,000 chlor

### Pressure vs. Time





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Flatirons Resources LLC  
303 E 17th Ave ,Ste 940  
Dnver, Colo  
80203  
ATTN: Tim Priest

**Hanson #24-28**

**28-18-30 Lane, Ks**

Job Ticket: 042200

**DST#: 6**

Test Start: 2011.04.22 @ 01:15:42

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:18:27

Time Test Ended: 08:30:57

Test Type: Conventional Straddle

Tester: Shane McBride

Unit No: 55

**Interval: 4497.00 ft (KB) To 4568.00 ft (KB) (TVD)**

Reference Elevations: 2890.00 ft (KB)

Total Depth: 4568.00 ft (KB) (TVD)

2883.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 6667 Outside**

Press @ RunDepth: 21.94 psig @ 4502.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.22 End Date: 2011.04.22

Last Calib.: 2011.04.22

Start Time: 01:15:42 End Time: 08:12:57

Time On Btm: 2011.04.22 @ 03:18:12

Time Off Btm: 2011.04.22 @ 05:42:12

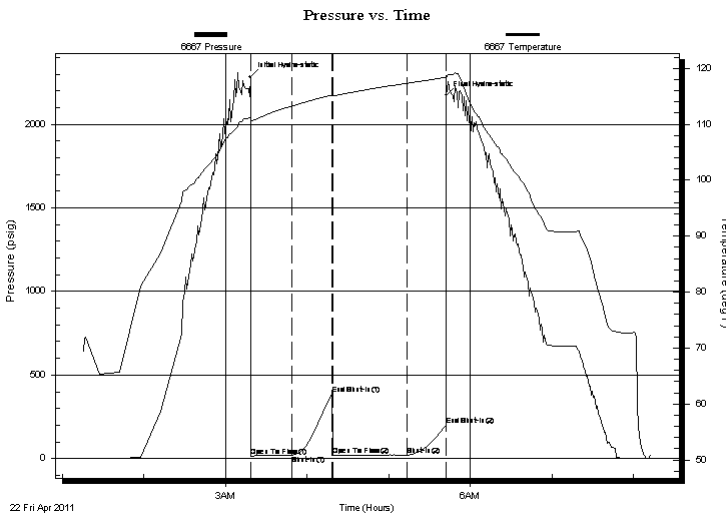
**TEST COMMENT:** 1/4" in blow died in 15 min.

No return

No blow

No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2282.28	111.18	Initial Hydro-static
1	15.68	110.40	Open To Flow (1)
31	18.68	113.26	Shut-In(1)
61	384.32	115.22	End Shut-In(1)
61	18.74	115.07	Open To Flow (2)
116	21.94	117.35	Shut-In(2)
144	197.70	118.38	End Shut-In(2)
144	2171.91	118.73	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% m	0.01

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Flatirons Resources LLC

**Hanson #24-28**

303 E 17th Ave ,Ste 940  
Dnver, Colo  
80203  
ATTN: Tim Priest

**28-18-30 Lane, Ks**

Job Ticket: 042200

**DST#: 6**

Test Start: 2011.04.22 @ 01:15:42

## 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: 67.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100%m	0.010

Total Length: 2.00 ft      Total Volume: 0.010 bbl

Num Fluid Samples: 0

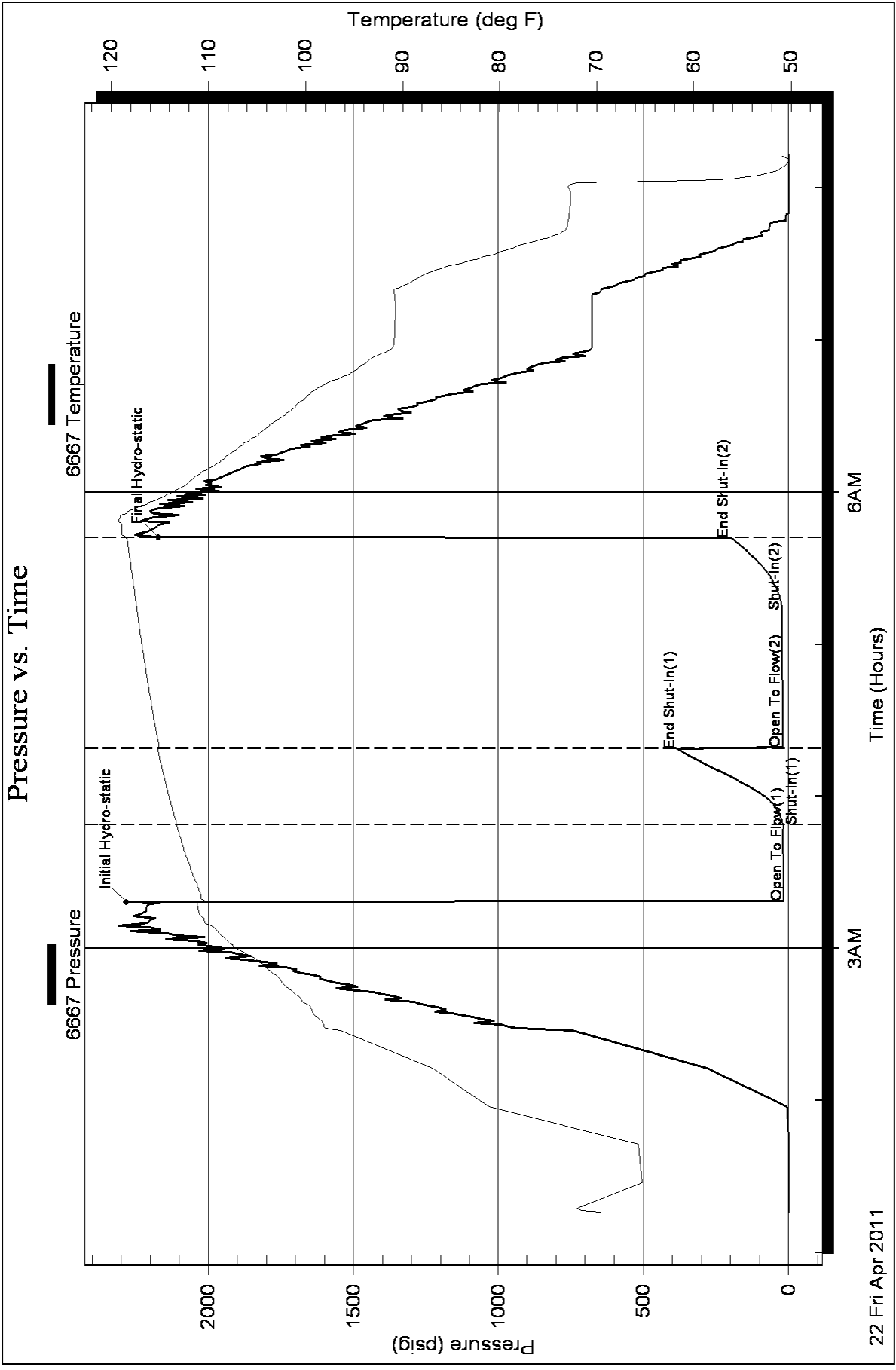
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



# ALLIED CEMENTING CO., LLC. 038735

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Cement Benders

DATE	4-11-2011	SEC.	78	TWP.	18 S	RANGE	30W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH	
LEASEE	Hansen		WELL #	24-28		LOCATION	Deflaker 225 west to Bison Rd		COUNTY	Lane	STATE	KS
OLD OR NEW	(Circle one)		2 South 1 East Northwicks									

CONTRACTOR H-N Reg 3 OWNER Flatiron Resources

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 225

CASING SIZE 8 5/8 DEPTH 225

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15 ft

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

### EQUIPMENT

PUMP TRUCK CEMENTER Bob R.

# 224 HELPER Bob R.

BULK TRUCK

# 396-306 DRIVER Mike Cradley

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

### REMARKS:

Pipe on bottom break circulate with 225.  
Shut down hook up to cement line Run 560  
Spacer in 1755 class A 3%cc 2%gel  
Replace Tribble's Fresh water shut in Cement  
Cement did circulate

CEMENT

AMOUNT ORDERED 1755x class A 3%cc  
2%gel

COMMON 175 5 ft @ 14.25 2,843.75

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL 3 gal @ 21.25 63.75

CHLORIDE 6 gal @ 58.20 349.20

ASC \_\_\_\_\_ @ \_\_\_\_\_

HANDLING 184 @ 2.25 414.00

MILEAGE 184 x 40 x .11 @ \_\_\_\_\_ 809.60

TOTAL 4,480.30

### SERVICE

DEPTH OF JOB 225

PUMP TRUCK CHARGE \_\_\_\_\_ @ \_\_\_\_\_ 1125.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 80 @ 7.00 560.00

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

CHARGE TO: Flatiron Resources

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 1,685.00

### 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.

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES ~~\_\_\_\_\_~~

DISCOUNT ~~\_\_\_\_\_~~

PRINTED NAME LOWANNE TREWNER

SIGNATURE Lowanne Turner

IF PAID IN 30 DAYS

# ALLIED CEMENTING CO., LLC. 039919

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

*Oakley, K2*

DATE <i>4/23/11</i>	SEC. <i>28</i>	TWP. <i>48</i>	RANGE <i>30</i>	CALLED OUT.	ON LOCATION	JOB START <i>2:00</i>	JOB FINISH <i>4:00</i>
LEASE <i>Hanson</i>	WELL # <i>24-28</i>	LOCATION <i>Scott City F-10 Lane Co Rd Brown Lane</i>		COUNTY	STATE		
OLD OR NEW (Circle one)	<i>25 1/2 E Okinda</i>						

CONTRACTOR *H-0 #3* OWNER *Same*

TYPE OF JOB *Production* *2 Stage* T.D.

HOLE SIZE *7 1/8* *15 1/2* DEPTH

TUBING SIZE *5 1/2* DEPTH

DRILL PIPE DEPTH

TOOL *DIV* DEPTH *2134 - 118*

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT *20.98*

CEMENT LEFT IN CSG. *20.98*

PERFS. *1 1/2 - 54 1/2* *Mud - 56 PPL - 110 Total*

DISPLACEMENT *86L 1/2*

EQUIPMENT

PUMP TRUCK CEMENTER *Alan*

# *422* HELPER *Wynn*

BULK TRUCK

# *404* DRIVER *Ally*

BULK TRUCK

# *294* DRIVER *Neo*

REMARKS:

*Can Circulate 1 1/2 hr @ Bottom. No WPA II, May 180 SK! From 1070 Selt 5 1/2" inside 20 gal. Displace w/ 54 BR to 5056 982 Big Mud at 1800 PFT. LIFT and Plug @ 1500 PFT. Noop opening Tool open Tool w/ 800 PFT. Circulate 1 hr. Plug 50 SK! Act hole. May 180 SK! color 20 gal. 1416 PUMP TRUCK CHARGE. Plug w/ 5 1/2" @ 1416 w/ 5 1/2" @ 1416 PFT. LIFT and Plug @ 1500 PFT. Circulate 20 SK's to PFT. Tool Closed. Plug w/ 5 1/2" @ 1416 w/ 5 1/2" @ 1416 PFT. LIFT and Plug @ 1500 PFT. Plug w/ 5 1/2" @ 1416 w/ 5 1/2" @ 1416 PFT. LIFT and Plug @ 1500 PFT.*

CHARGE TO: *Flat Iron Resources*

STREET \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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: *Kevin Hildner*

SIGNATURE *Kevin Hildner*

OWNER *Same*

CEMENT *Ward 45 5 1/2 SK's*

AMOUNT ORDERED *180 SK's Com 1070 Selt 5 1/2" inside 20 gal*

*20 gal 420 SK's 60/40 60 gal 1416*

*500 gal WPA II*

COMMON *432 SK's @ 16 25 7020.00*

POZMIX *1108 SK's @ 8 25 1428.00*

GEL *25 @ 21 25 531.25*

CHLORIDE

ASC

*Sulf 9 SK's @ 23 95 215.00*

*Gilbertite 900 lb 18 SK's @ 1.89 801.00*

*F10 Seal 105 lb @ 2 70 283.50*

*WPA II - Super Plug - 500 gal @ 1 27 635.00*

HANDLING *652 SK's @ 2 25 1467.00*

MILEAGE *110 SK/mile @ 322 32 322.00*

TOTAL ~~15608.70~~

SERVICE

DEPTH OF JOB

*2405.00*

PUMP TRUCK CHARGE

EXTRA FOOTAGE

MILEAGE *45 X 2 @ 7 630.00*

MANIFOLD = Head

*200.00*

Lite Vehicle *45 X 2 @ 4 360.00*

TOTAL *3595.00*

PLUG & FLOAT EQUIPMENT

*Guide Shoe - 1 178.00 178.00*

*AFN Invert - 1 @ 155.00 155.00*

*Control Valve - 1 @ 49.00 49.00*

*Gas Blower - 2 @ 228.00 456.00*

*Altering Switches - 17 @ 82.00 1394.00*

*5 Page Collector - 1 @ 225.00 225.00*

TOTAL ~~2017.00~~ *4752.00*

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

Bid



# ALLIED CEMENTING CO., LLC. 039920

Federal Tax I.D.# 20-5975804

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

SERVICE POINT

*Chalky K*

DATE <u>4/29/11</u>	SEC. <u>2-8</u>	TWP. <u>18</u>	RANGE <u>30</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Hanson</u>	WELL # <u>24-28</u>	LOCATION <u>Scott City E to Lane Co. Al River</u>	COUNTY <u>Lawrence</u>	STATE <u>KS</u>			
OLD OR NEW (Circle one) <u>NEW</u>	(Circle one) <u>2.5 1/2 E Dinto</u>						

CONTRACTOR HO #3 OWNER Same

TYPE OF JOB Production - 2 Stage

HOLE SIZE T.D.

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

CEMENT AMOUNT ORDERED 150 SK's 60/40

more gel 44 lb Flo Seal

used 35 SK's

COMMON 21 00 SK's @ 16.25 341.00

POZMIX 14 00 SK's @ 8.50 119.00

GEL 2 00 SK's @ 21.25 42.50

CHLORIDE @

ASC Flo Seal 81b @ 2.20 21.00

HANDLING 160 SK's @ 2.25 360.00

MILEAGE 14.4 SK/mile @ 2.25 322.00

TOTAL 1676

EQUIPMENT

PUMP TRUCK CEMENTER Alan

# 422 HELPER Wayne

BULK TRUCK DRIVER Kevin GB

# 34

BULK TRUCK DRIVER Mike

# 404 DRIVER Wes

REMARKS: Extra Cement For Ticket # 039919

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE

MILEAGE 45 miles @ n/c

MANIFOLD @

TOTAL

CHARGE TO: Flat Irons Resources

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

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

SIGNATURE Bob Filled

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

July 12, 2011

John Marvin  
Flatirons Resources LLC  
303 E 17TH AVE STE 940  
DENVER, CO 80203

Re: ACO1  
API 15-101-22288-00-00  
Hansen 24-28  
SW/4 Sec.28-18S-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,  
John Marvin