



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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	ARES Energy, LTD
Well Name	Boese 9-16
Doc ID	1058012

Tops

Name	Top	Datum
Anhydrite	1,434'	746'
Heebner	3,634'	-1,454'
Lansing	3,680'	-1,500'
Pawnee	4,060'	-1,880'
Ft. Scott	4,136'	-1,956'
Cherokee	4,158'	-1,978'
Mississippi	4,225'	-2,045'
Viola	4,408'	-2,228'



DRILL STEM TEST REPORT

Prepared For: **ARES Energy LTD**

405 N. Marienfeld Ste. 250
Midland, TX 79701

ATTN: Justin Carter

18-21-9 Ness, Ks

Boese 9-16

Start Date: 2011.05.30 @ 20:09:43

End Date: 2011.05.31 @ 04:35:43

Job Ticket #: 42575 DST #: 3

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

ARES Energy LTD
 405 N. Marienfeld Ste. 250
 Midland, TX 79701
 ATTN: Justin Carter

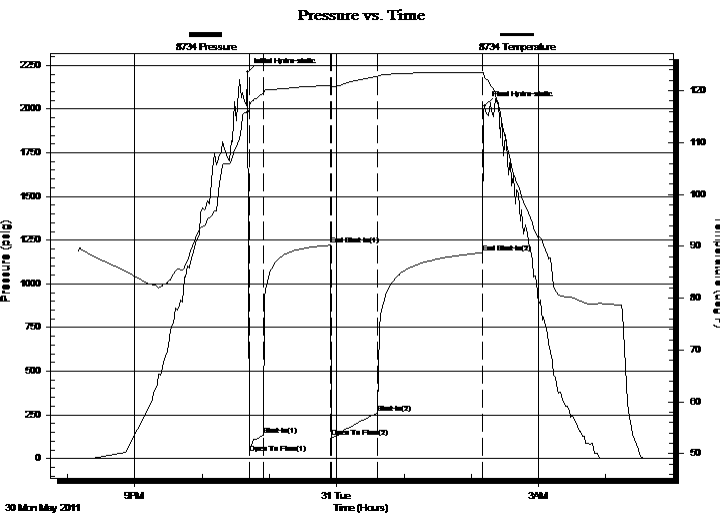
Boese 9-16
18-21-9 Ness, Ks
 Job Ticket: 42575 **DST#: 3**
 Test Start: 2011.05.30 @ 20:09:43

GENERAL INFORMATION:

Formation: **Miss (2)**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:41:43
 Time Test Ended: 04:35:43
 Interval: **4224.00 ft (KB) To 4240.00 ft (KB) (TVD)**
 Total Depth: 4277.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle
 Tester: Brian Fairbank
 Unit No: 41
 Reference Elevations: 2180.00 ft (KB)
 2167.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8734 Outside
 Press @ Run Depth: 259.86 psig @ 4225.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.05.30 End Date: 2011.05.31 Last Calib.: 2011.05.31
 Start Time: 20:09:44 End Time: 04:35:43 Time On Btm: 2011.05.30 @ 22:40:43
 Time Off Btm: 2011.05.31 @ 02:12:13

TEST COMMENT: IFP - BOB 4 1/2 min
 ISI - 4" blow back
 FFP - BOB 4 min
 FSI - BOB 14 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2209.46	116.43	Initial Hydro-static
1	29.25	115.66	Open To Flow (1)
14	130.91	119.45	Shut-In(1)
74	1221.31	121.04	End Shut-In(1)
75	121.34	120.69	Open To Flow (2)
116	259.86	122.71	Shut-In(2)
210	1178.09	123.42	End Shut-In(2)
212	2017.05	122.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM 5%G, 10%O, 85%M	0.30
630.00	FREE OIL 95%O, 5%M	7.68
0.00	710' GIP	0.00

Gas Rates

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



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TESTING, INC.**

DRILL STEM TEST REPORT

ARES Energy LTD
405 N. Marienfeld Ste. 250
Midland, TX 79701
ATTN: Justin Carter

Boese 9-16
18-21-9 Ness, Ks
Job Ticket: 42575 **DST#: 3**
Test Start: 2011.05.30 @ 20:09:43

GENERAL INFORMATION:

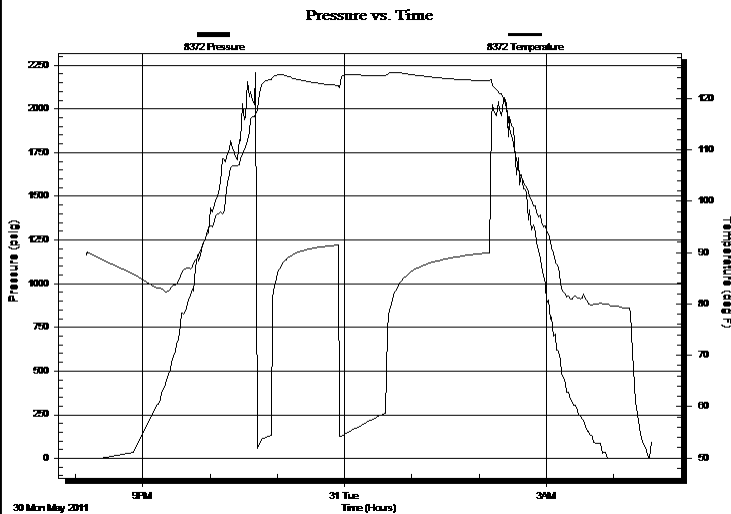
Formation: **Miss (2)**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Straddle
Time Tool Opened: 22:41:43 Tester: Brian Fairbank
Time Test Ended: 04:35:43 Unit No: 41

Interval: **4224.00 ft (KB) To 4240.00 ft (KB) (TVD)** Reference Elevations: 2180.00 ft (KB)
Total Depth: 4277.00 ft (KB) (TVD) 2167.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 13.00 ft

Serial #: 8372 Inside
Press @ Run Depth: psig @ 4225.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.05.30 End Date: 2011.05.31 Last Calib.: 2011.05.31
Start Time: 20:09:50 End Time: 04:35:49 Time On Btm:
Time Off Btm:

TEST COMMENT: IFP - BOB 4 1/2 min
ISI - 4" blow back
FFP - BOB 4 min
FSI - BOB 14 min

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM 5%G, 10%O, 85%M	0.30
630.00	FREE OIL 95%O, 5%M	7.68
0.00	710' GIP	0.00

Gas Rates

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



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TESTING, INC.**

DRILL STEM TEST REPORT

ARES Energy LTD
405 N. Marienfeld Ste. 250
Midland, TX 79701
ATTN: Justin Carter

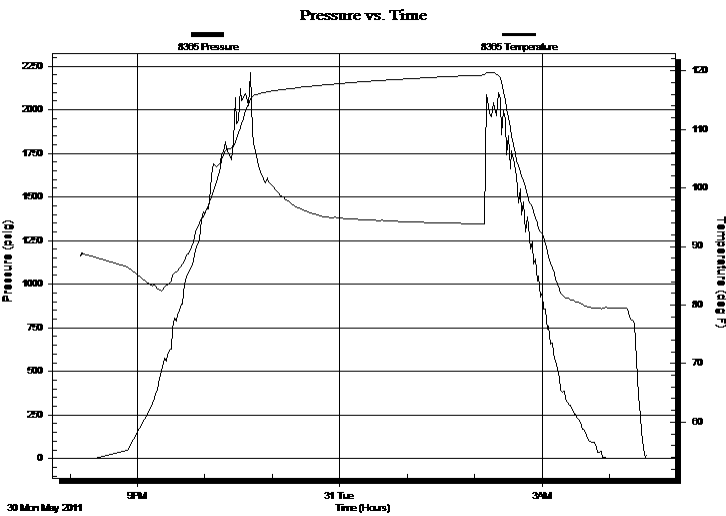
Boese 9-16
18-21-9 Ness, Ks
Job Ticket: 42575 **DST#: 3**
Test Start: 2011.05.30 @ 20:09:43

GENERAL INFORMATION:

Formation: **Miss (2)**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:41:43
 Time Test Ended: 04:35:43
 Interval: **4224.00 ft (KB) To 4240.00 ft (KB) (TVD)**
 Total Depth: 4277.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle
 Tester: Brian Fairbank
 Unit No: 41
 Reference Elevations: 2180.00 ft (KB)
 2167.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8365 Below (Straddle)
 Press @ Run Depth: psig @ 4246.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.05.30 End Date: 2011.05.31 Last Calib.: 2011.05.31
 Start Time: 20:09:26 End Time: 04:33:25 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP - BOB 4 1/2 min
 ISI - 4" blow back
 FFP - BOB 4 min
 FSI - BOB 14 min



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM 5%G, 10%O, 85%M	0.30
630.00	FREE OIL 95%O, 5%M	7.68
0.00	710' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

ARES Energy LTD
405 N. Marienfeld Ste. 250
Midland, TX 79701
ATTN: Justin Carter

Boese 9-16
18-21-9 Ness, Ks
Job Ticket: 42575 **DST#: 3**
Test Start: 2011.05.30 @ 20:09:43

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 38 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl	
Water Loss: 12.79 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 8500.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GOCM 5%G, 10%O, 85%M	0.295
630.00	FREE OIL 95%O, 5%M	7.680
0.00	710' GIP	0.000

Total Length: 690.00 ft Total Volume: 7.975 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:



DRILL STEM TEST REPORT

Prepared For: **ARES Energy LTD**

405 N. Marienfeld Ste. 250
Midland, TX 79701

ATTN: Justin Carter

18-21-9 Ness, Ks

Boese 9-16

Start Date: 2011.05.30 @ 09:11:44

End Date: 2011.05.30 @ 18:25:14

Job Ticket #: 42574 DST #: 2

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



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TESTING, INC.**

DRILL STEM TEST REPORT

ARES Energy LTD
405 N. Marienfeld Ste. 250
Midland, TX 79701
ATTN: Justin Carter

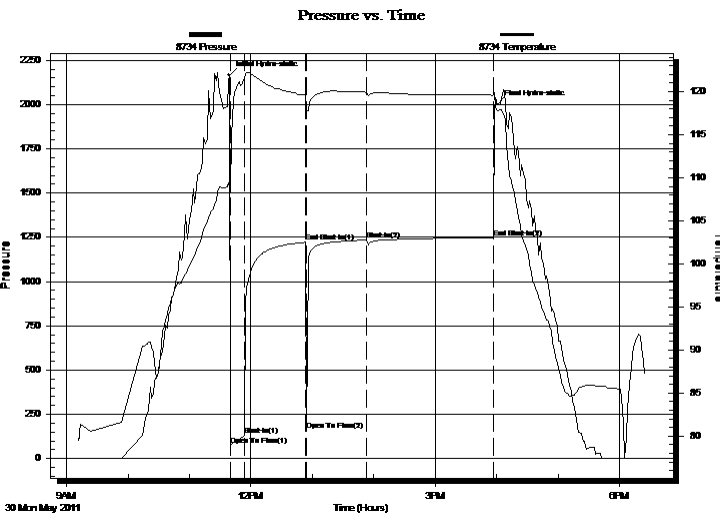
Boese 9-16
18-21-9 Ness, Ks
Job Ticket: 42574 **DST#: 2**
Test Start: 2011.05.30 @ 09:11:44

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:39:44
Time Test Ended: 18:25:14
Interval: **4224.00 ft (KB) To 4245.00 ft (KB) (TVD)**
Total Depth: 4277.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 2180.00 ft (KB)
2167.00 ft (CF)
KB to GR/CF: 13.00 ft
Test Type: Conventional Straddle
Tester: Brian Fairbank
Unit No: 41

Serial #: 8734 Outside
Press @ RunDepth: 1234.56 psig @ 4225.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.05.30 End Date: 2011.05.30 Last Calib.: 2011.05.30
Start Time: 09:11:45 End Time: 18:25:14 Time On Btm: 2011.05.30 @ 11:38:44
Time Off Btm: 2011.05.30 @ 16:00:44

TEST COMMENT: IFP - BOB 4 min
ISI - 7" blow back
FFP - 1/2" - 3" blow - died 37 min
FSI - no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2165.20	109.37	Initial Hydro-static
1	77.76	108.33	Open To Flow (1)
15	129.36	121.51	Shut-In(1)
75	1221.57	119.58	End Shut-In(1)
76	161.94	117.78	Open To Flow (2)
135	1234.56	119.93	Shut-In(2)
259	1249.18	119.60	End Shut-In(2)
262	2002.35	117.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	SGOCM 10%G, 5%O, 85%M	0.59
95.00	GW & MCO 15%G, 78%O, 2%W, 5%M	0.72
95.00	FREE OIL 95%O, 5%M	1.33
0.00	310' GIP	0.00

Gas Rates

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



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TESTING, INC.**

DRILL STEM TEST REPORT

ARES Energy LTD
 405 N. Marienfeld Ste. 250
 Midland, TX 79701
 ATTN: Justin Carter

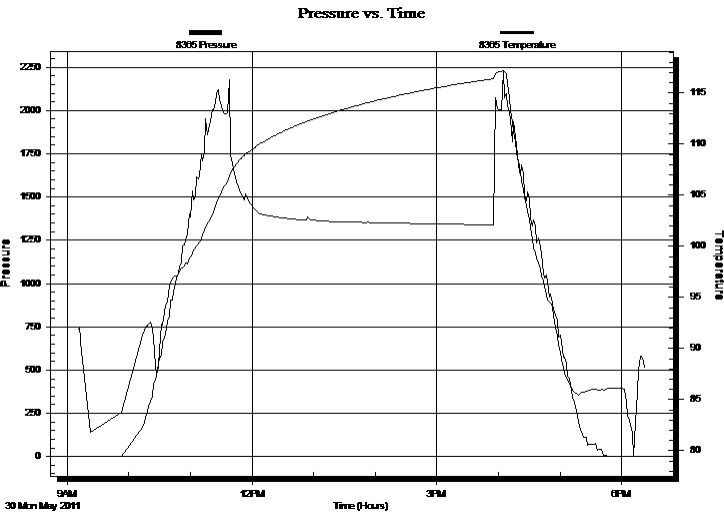
Boese 9-16
18-21-9 Ness, Ks
 Job Ticket: 42574 **DST#: 2**
 Test Start: 2011.05.30 @ 09:11:44

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:39:44
 Time Test Ended: 18:25:14
Interval: 4224.00 ft (KB) To 4245.00 ft (KB) (TVD)
 Total Depth: 4277.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle
 Tester: Brian Fairbank
 Unit No: 41
 Reference Elevations: 2180.00 ft (KB)
 2167.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8365 Below (Straddle)
 Press@RunDepth: psig @ 4251.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.05.30 End Date: 2011.05.30 Last Calib.: 2011.05.30
 Start Time: 09:11:01 End Time: 18:23:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP - BOB 4 min
 ISI - 7" blow back
 FFP - 1/2" - 3" blow - died 37 min
 FSI - no blow back



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

Recovery		
Length (ft)	Description	Volume (bbl)
120.00	SGOCM 10%G, 5%O, 85%M	0.59
95.00	GW & MCO 15%G, 78%O, 2%W, 5%M	0.72
95.00	FREE OIL 95%O, 5%M	1.33
0.00	310' GIP	0.00

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

ARES Energy LTD
405 N. Marienfeld Ste. 250
Midland, TX 79701
ATTN: Justin Carter

Boese 9-16
18-21-9 Ness, Ks
Job Ticket: 42574 **DST#: 2**
Test Start: 2011.05.30 @ 09:11:44

Mud and Cushion Information

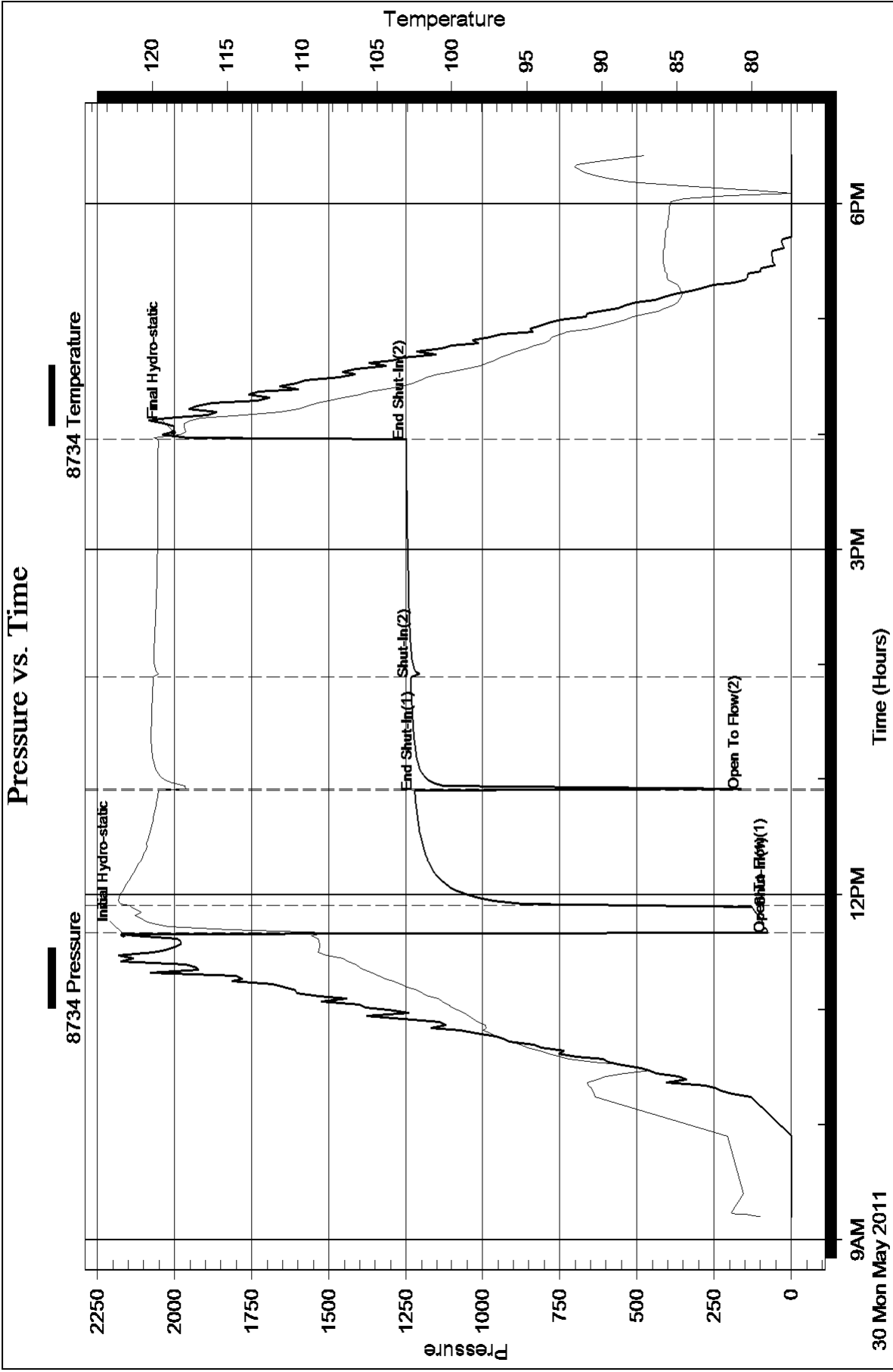
Mud Type: Gel Chem	Cushion Type:	Oil API: 38 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.37 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 6800.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	SGOCM 10%G, 5%O, 85%M	0.590
95.00	GW & MCO 15%G, 78%O, 2%W, 5%M	0.722
95.00	FREE OIL 95%O, 5%M	1.333
0.00	310' GIP	0.000

Total Length: 310.00 ft Total Volume: 2.645 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **ARES Energy LTD**

405 N. Marienfeld Ste. 250
Midland, TX 79701

ATTN: Justin Carter

18-21-9 Ness, Ks

Boese 9-16

Start Date: 2011.05.29 @ 12:31:54

End Date: 2011.05.29 @ 20:00:24

Job Ticket #: 42573 DST #: 1

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

ARES Energy LTD
 405 N. Marienfeld Ste. 250
 Midland, TX 79701
 ATTN: Justin Carter

Boese 9-16
18-21-9 Ness, Ks
 Job Ticket: 42573 **DST#: 1**
 Test Start: 2011.05.29 @ 12:31:54

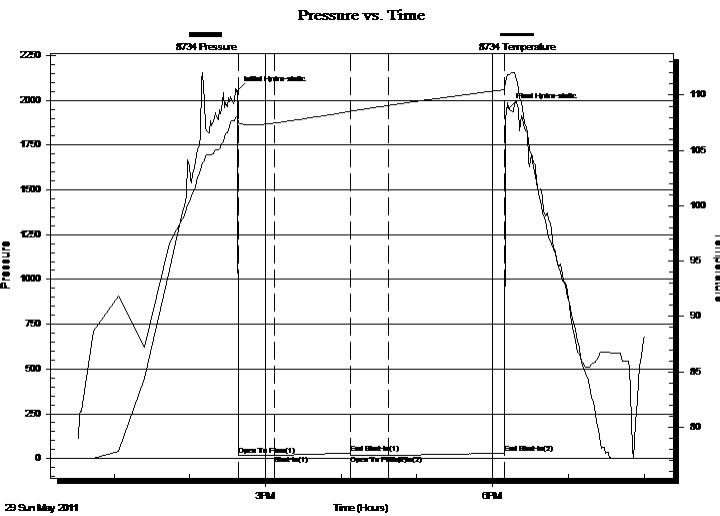
GENERAL INFORMATION:

Formation: **Ft. Scott**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:38:24
 Time Test Ended: 20:00:24
 Interval: **4128.00 ft (KB) To 4154.00 ft (KB) (TVD)**
 Total Depth: 4154.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brian Fairbank
 Unit No: 41
 Reference Elevations: 2180.00 ft (KB)
 2167.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8734 Outside

Press @ Run Depth: 17.68 psig @ 4131.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.05.29 End Date: 2011.05.29 Last Calib.: 2011.05.29
 Start Time: 12:31:55 End Time: 20:00:24 Time On Btm: 2011.05.29 @ 14:37:24
 Time Off Btm: 2011.05.29 @ 18:12:54

TEST COMMENT: IFP - sur blow - died 12 min
 ISI - no blow back
 FFP - no blow
 FSI - no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2052.99	108.01	Initial Hydro-static
1	16.09	107.47	Open To Flow (1)
30	17.36	107.47	Shut-In(1)
90	31.00	108.52	End Shut-In(1)
90	16.69	108.52	Open To Flow (2)
120	17.68	109.07	Shut-In(2)
212	30.25	110.49	End Shut-In(2)
216	1957.08	111.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud 100%	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

ARES Energy LTD
405 N. Marienfeld Ste. 250
Midland, TX 79701
ATTN: Justin Carter

Boese 9-16
18-21-9 Ness, Ks
Job Ticket: 42573 **DST#: 1**
Test Start: 2011.05.29 @ 12:31:54

GENERAL INFORMATION:

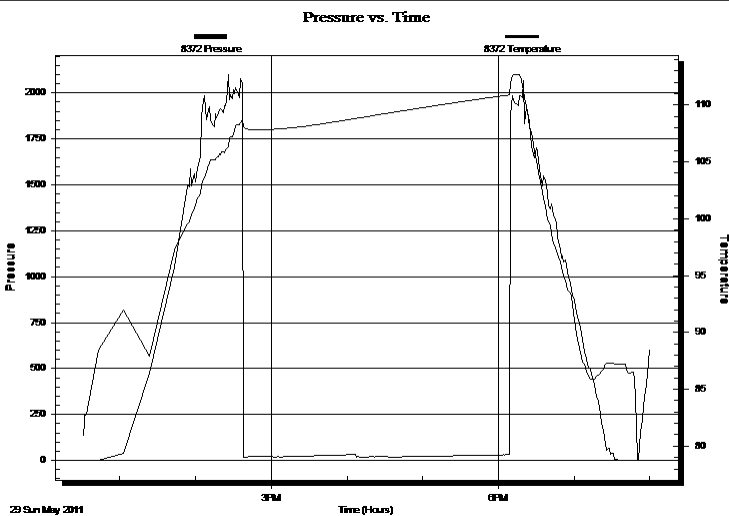
Formation: **Ft. Scott**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:38:24
Time Test Ended: 20:00:24

Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41

Interval: 4128.00 ft (KB) To 4154.00 ft (KB) (TVD)
Reference Elevations: 2180.00 ft (KB)
Total Depth: 4154.00 ft (KB) (TVD) 2167.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 13.00 ft

Serial #: 8372 Inside
Press @ RunDepth: psig @ 4131.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.05.29 End Date: 2011.05.29 Last Calib.: 2011.05.29
Start Time: 12:31:19 End Time: 19:59:48 Time On Btm:
Time Off Btm:

TEST COMMENT: IFP - sur blow - died 12 min
ISI - no blow back
FFP - no blow
FSI - no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud 100%	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

ARES Energy LTD

Boese 9-16

405 N. Marienfeld Ste. 250
Midland, TX 79701

18-21-9 Ness, Ks

Job Ticket: 42573

DST#: 1

ATTN: Justin Carter

Test Start: 2011.05.29 @ 12:31:54

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	mud 100%	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

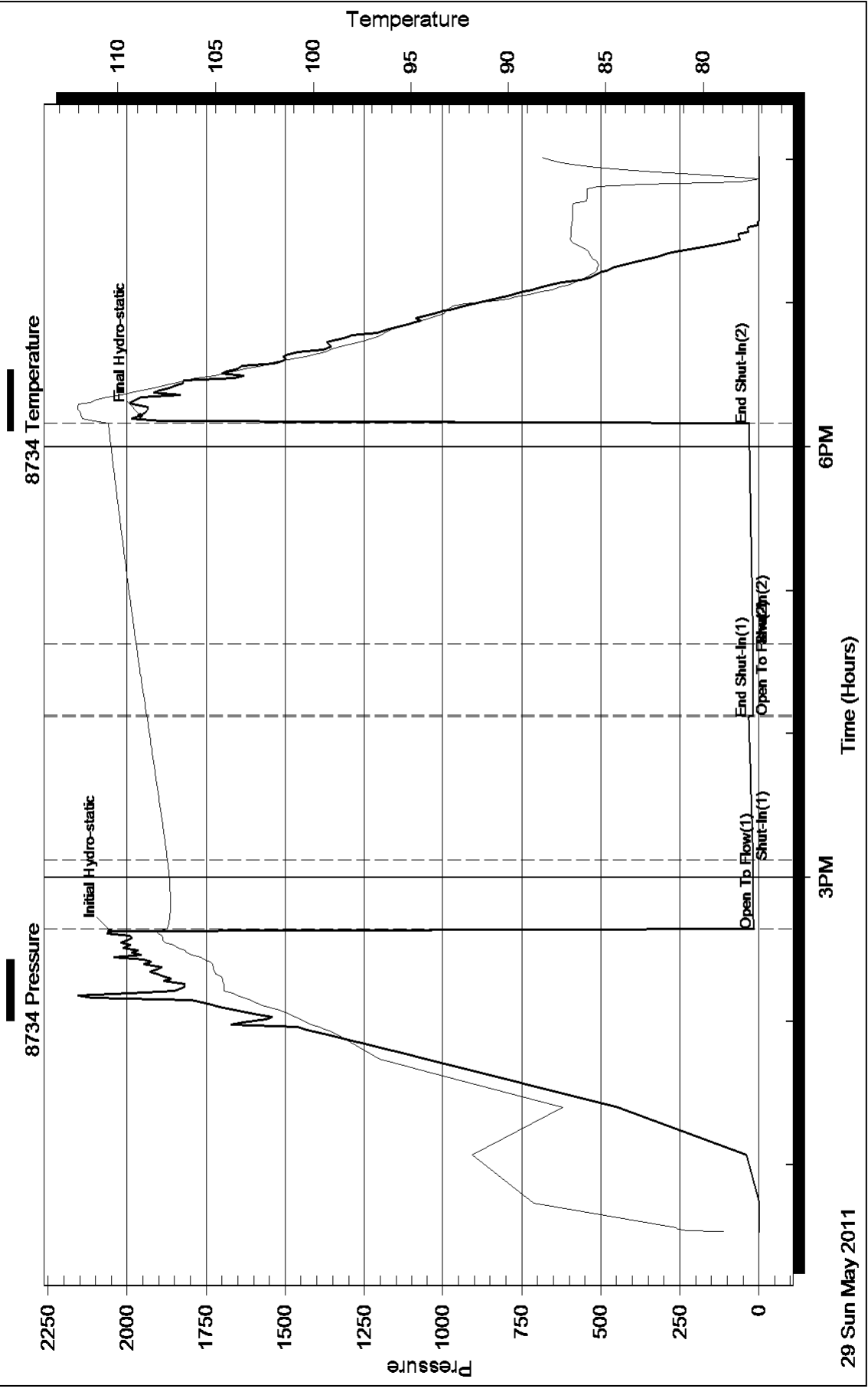
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





Services, Inc.

CHARGE TO: ARCS Energy
 ADDRESS _____
 CITY, STATE, ZIP CODE _____

TICKET
20745

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>1000 City KS</u>	WELL/PROJECT NO. <u>9-16</u>	LEASE <u>Boese</u>	COUNTY/PARISH <u>NEAS</u>	STATE <u>KS</u>	CITY <u>Bazine</u>	DATE <u>1 Jun 11</u>	OWNER
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	DELIVERED TO <u>location</u>	ORDER NO.	WELL LOCATION <u>9-18-216</u>	
3. WELL TYPE <u>oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>cement long string</u>	WELL PERMIT NO.				
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
573					Tax 114							
578					Pump Charge	20	mi				5.00	100.00
403					Centralizer	1	ea				1400.00	1400.00
403					Centralizer	53	in				6.50ea	65.00
404					Cement Basket	5 1/2	in				230.00	230.00
406					Port Collar	5 1/2	in				2100.00	2100.00
407					With down plug & baggie	5 1/2	in				225.00	225.00
409					Insert float shoe	5 1/2	in				300.00	300.00
419					TURBIDIZER	5 1/2	in				80.00	80.00
					Rotating head Rental	5 1/2	in				150.00	150.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 DATE SIGNED: 12.05.11 TIME SIGNED: 12:05
 X [Signature] AM PM

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	WE UNDERSTOOD AND MET YOUR NEEDS?	OUR SERVICE WAS PERFORMED WITHOUT DELAY?	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	ARE YOU SATISFIED WITH OUR SERVICE?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 1 **5210.00**
 SUBTOTAL **9522.50**
 TAX **473.13**
 TOTAL **9995.63**

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



Switzer, Inc

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

TICKET CONTINUATION

TICKET No. 20745

CUSTOMER ARCS Energy WELL Besse DATE 9-16 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		DATE		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M		
325						STANDARD Cement (for shaft)	125	SK			12.00	1562.50
284						ca/seal	8	SK			30.00	240.00
283						seal	900	lb			0.15	135.00
286						hole-d-1	100	lb			7.00	700.00
276						- flooble	50	lb			1.50	75.00
281						mudflush	500	gal			1.00	500.00
221						KCL Liquid	2	gal			25.00	50.00
325						STD cement for shaft	175	SK			12.00	2100.00
											2187.50	
582						Drywell (min)	1	cu			250.00	250.00
581						Service Charge					1.50	1.50
						MILEAGE CHARGE						
						TOTAL WEIGHT	18300					
						LOADED MILES	20					
						TON MILES	183					

CONTINUATION TOTAL 4312.50

JOB LOG

SWIFT Services, Inc.

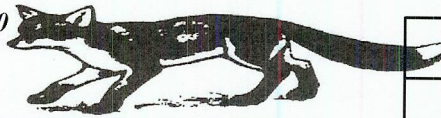
DATE: JUN 11 PAGE NO. 1

CUSTOMER: AKES Energy WELL NO. 9-16 LEASE Boesa JOB TYPE conmit log string TICKET NO. 20745

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sks EA-2 w/ floccs 5 1/2 - 15.5 [#] Controlizers 1, 3, 5, 7, 9, 11, 13, 15, 74 Basket 74 P.C. 75 1448' (LAWSON #214) RTD - 4450' 108 joints - 4433' 4436'
	0545							on loc TRK 114
	0745							start 5 1/2 15.5 [#] casing in well
	1015							Drop ball circulate - ROTATE PIPE
	1115	4 3/4	12			200		Pump 500 gal mud flush
		4 3/4	20			200		Pump 20 bbl KCL flush
	1120		7					Plug RH - MH 30sks - 20sks
	1125	4 3/4 4 3/4	42			200 200		Mix 125sks EA-2 @ 15.4 ppg Drop plug
	1138	6 3/4				200		Displace plug
		6 3/4	85			250		
	1200	6 3/4	105			1500		LAND plug
								wash truck
								Rack up
	1230							job complete
								Thank Blain Dave & Rob



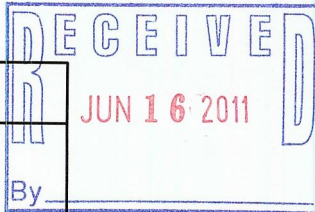
P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
6/9/2011	20757

BILL TO
ARES Energy, Ltd. 405 North Marienfeld Suite 250 Midland, TX 79701



- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#9-16	Boese	Ness	Alliance Well Ser...	Oil	Development	Cement Port Collar	Wayne
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				20	Miles	5.00	100.00
576D-D	Pump Charge - Port Collar				1	Job	1,100.00	1,100.00
288	Sand (20/40 Brady)				1	Sack(s)	22.00	22.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	15.00	1,875.00T
276	Flocele				50	Lb(s)	1.50	75.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
581D	Service Charge Cement				175	Sacks	1.50	262.50
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							3,754.50
	Sales Tax Ness County						6.30%	128.65

Company				Ares	
Account #'s		Property #'s		AFE #	Amount
GEN	SUB	GEN	SUB		
Approvals				Total	

We Appreciate Your Business! **Total** \$3,883.15



Services, Inc.

TICKET
20757

CHARGE TO: ARRES SODER
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

PAGE 1 OF 1

SERVICE LOCATIONS
 1. Ness City, KS WELL/PROJECT NO. 9-16 LEASE BOESSE COUNTY/PARISH Ness STATE KS CITY _____ DATE 6-9-11 OWNER same
 2. _____ TICKET TYPE CONTRACTOR CONTRACTOR Alutance RIG NAME/NO. _____ SHIPPED via DELIVERED TO LOCATION ORDER NO. _____
 3. _____ WELL TYPE ORZ WELL CATEGORY Development JOB PURPOSE COMPT PDR CAUSE WELL PERMIT NO. _____ WELL LOCATION Boesse, KS-4E, 2 1/2 mi, 1/2 mi
 4. REFERRAL LOCATION _____ INVOICE INSTRUCTIONS _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QUANTITY				UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.	UM		
575					MILEAGE # 104	20	mi			5.00	100.00
576D					PUMP CHARGE	1	JOB			1100.00	1100.00
288					SAER SANDS 20/40	1	SK			22.00	22.00
330					SHUTTER MOUNT - DISNEY STAMMERS	125	SSS			15.00	1875.00
276					FLOCELE	50	lbs			1.50	75.00
290					D-ADD	2	GW			35.00	70.00
581					SERUIZE CHARGE COMPT	175	SSS			1.50	262.50
582					MEDIUM DRABAGE CHARGE	17390	lbs			250.00	250.00

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

DATE SIGNED 6-9-11 TIME SIGNED 0830 A.M. P.M.

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	

CUSTOMER DID NOT WISH TO RESPOND

TOTAL 3883 15

NESS TAX 128 65
60.37%

SWIFT OPERATOR Dave Wilson CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket. APPROVAL _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 6-9-11 PAGE NO. 7

CUSTOMER ARIES ENERGY WELL NO. 9-16 LEASE BOESE JOB TYPE TOOLS - CMT PORT COLLAR TICKET NO. 20756-20757

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0715							ON LOCATION TOC = 3248 PRFS = 4228-32 2 3/8 X 5 1/2 RBP = 3311 29 OUT PORT COLLAR = 1446'
	0730							START 5 1/2" TSU-RBP - PORT COLLAR OPN Tool
	0830		85	✓				SET RBP = 3311 - CALCULATE WELL CLEAN
	1000		9	✓		1000		TEST RBP - HEUD - SPOT 1 SK SAW
	1105	3	2	✓		300		OPEN PORT COLLAR - INT RATE
	1115	3 1/2	70	✓		300		MIX CEMENT 125 SKS SMD
	1140	3 1/2	5	✓		500		DISPLACE CEMENT
	1145			✓		1000		CLOSE PORT COLLAR - PSI TEST - HEUD CALCULATED 10 SKS CEMENT TO PSI
	1200	4	20	✓		500		RUN 5 JTS - CALCULATE CLEAN WASH TRUCK
	1300		13 75	✓				RUN TUBING - CALCULATE SAWD OFF RBP FILL HOLE FULL OZZ LEAVE RBP SET - PULL 2 JTS TUBING RELEASE - PULL RBP 6-10-11
	1400							JOB COMPLETE THANK YOU WAYNE, JEFF, ROB

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4920

Date	5-23-11	Sec.	9	Twp.	18	Range	21	County	Ness	State	Ks	On Location		Finish	12:45 AM
Lease	Boese	Well No.	#9-16			Location Barine, Ks - 2E, 3N, 2E, 4N, W/S									
Contractor	Duke #9							Owner							
Type Job	Surface							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size	12 1/4"		T.D.	316'			Charge To								
Csg.	8 5/8"		Depth	315'			Ares Energy LTD								
Tbg. Size			Depth												
Tool			Depth												
Cement Left in Csg.	15'		Shoe Joint	15'			Street								
Meas Line			Displace	19 BLS			City								
							State								
The above was done to satisfaction and supervision of owner agent or contractor.															
							Cement Amount Ordered								
							200 sx Common 3% 6, 2% Gel								

EQUIPMENT

Pumptrk	1	No.	Cementer	Neale	Common	200
			Helper			
Bulktrk	12	No.	Driver	Cory	Poz. Mix	
			Driver			
Bulktrk	pu.	No.	Driver	Rick	Gel.	4
			Driver			

JOB SERVICES & REMARKS

Remarks:	Cement did Circulate	Hulls	
Rat Hole		Salt	
Mouse Hole		Flowseal	
Centralizers		Kol-Seal	
Baskets		Mud CLR 48	
D/V or Port Collar		CFL-117 or CD110 CAF 38	
		Sand	
		Handling	211
		Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	1- wooden plug
Pumptrk Charge	Surface
Mileage	19

X Signature *Emilia Rojas*

Tax
Discount
Total Charge



DIGITAL LOG (785) 625-3858

Dual Induction Log

API No. 15-135-25,245-00-00

Company Ares Energy, LTD
 Well Boese No. 9-16
 Field Southeast Mantz Prospect
 County Ness State Kansas

Location NE NW SE SE
 994' FSL & 911' FEL

Other Services
 CNL/CDL
 MEL/BHCS

Permanent Datum Ground Level Elevation 2167
 Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum
 Drilling Measured From Kelly Bushing

Sec: 9 Twp: 18S Rge: 21W

Elevation
 K.B. 2180
 D.F. 2167
 G.L. 2167

Date	5/31/2011		
Run Number	One		
Depth Driller	4450		
Depth Logger	4449		
Bottom Logged Interval	4448		
Top Log Interval	300		
Casing Driller	8.625 @ 317		
Casing Logger	311		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	8800		
Density / Viscosity	9.2 58		
pH / Fluid Loss	8.0 9.6		
Source of Sample	Flowline		
Rm @ Meas. Temp	.30 @ 83		
Rmf @ Meas. Temp	.23 @ 83		
Rmc @ Meas. Temp	.41 @ 83		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.21 @ 121		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	121		
Equipment Number	10		
Location	Hays		
Recorded By	J. Long		
Witnessed By	Justin Carter		

<<< 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

Bazine, 3 North to 160 Road, 3 East to GG Road, 200 Yards North, West Into

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 Charted by: Depth in Feet scaled 1:600

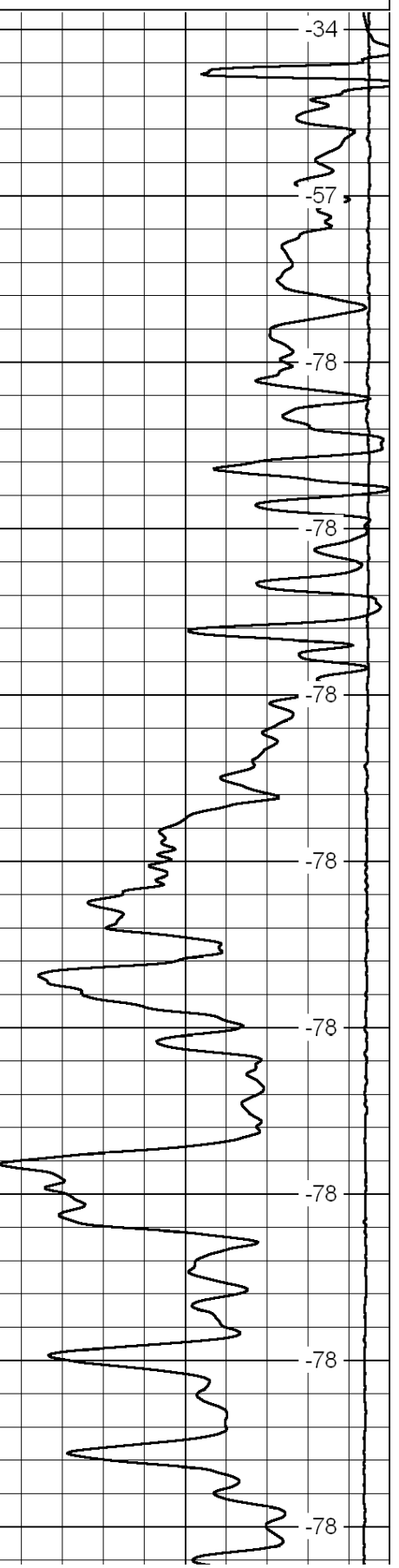
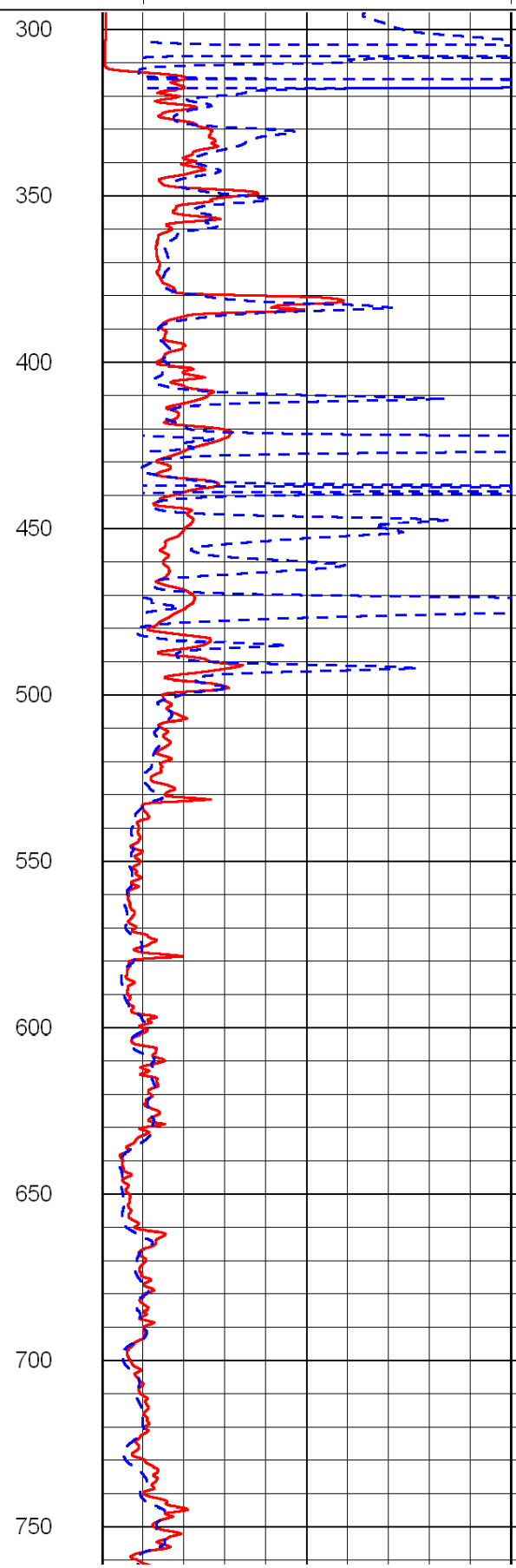
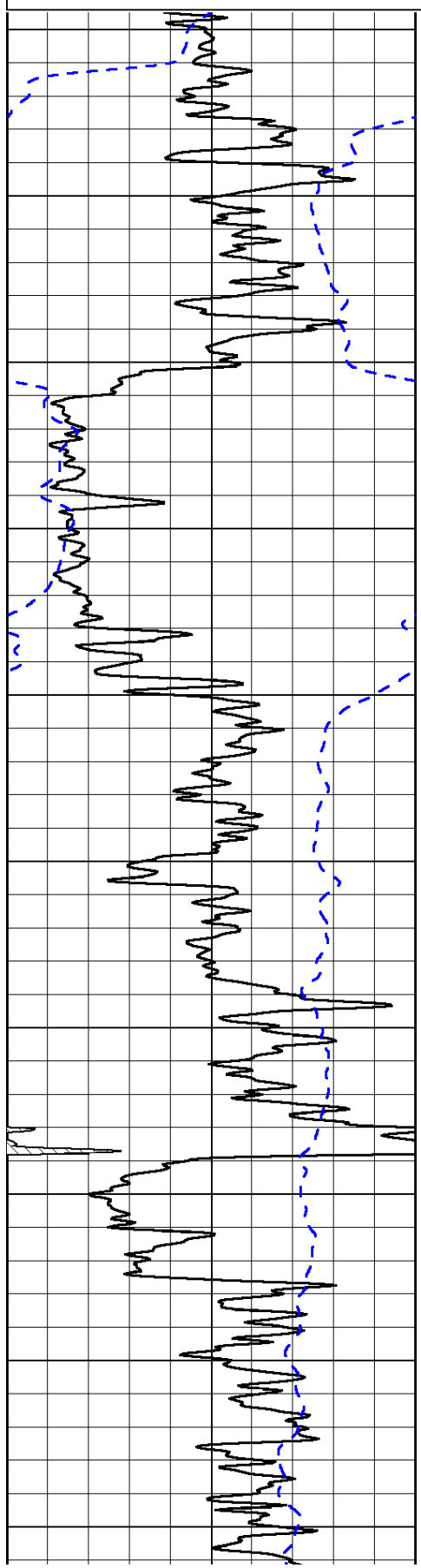
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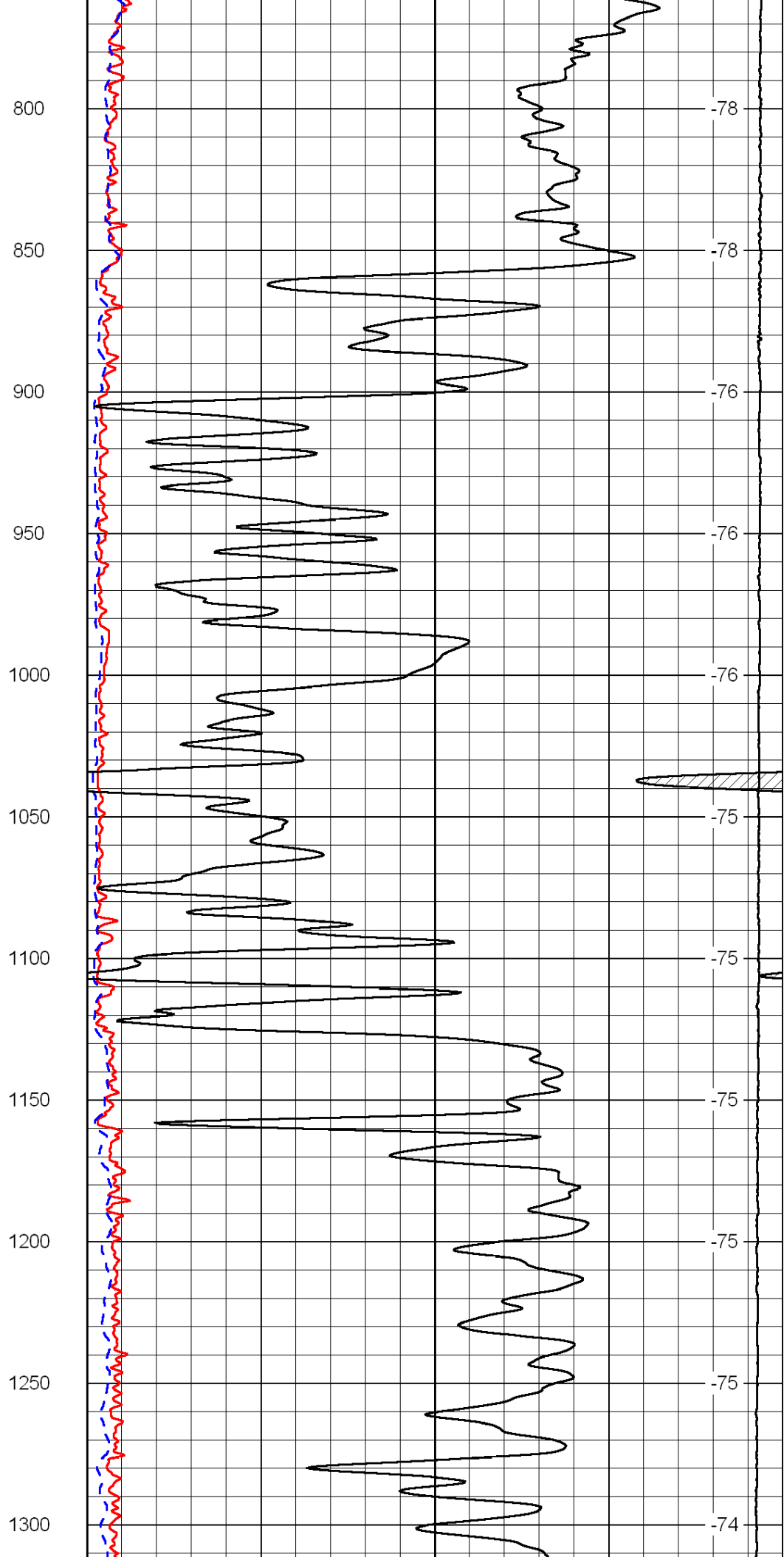
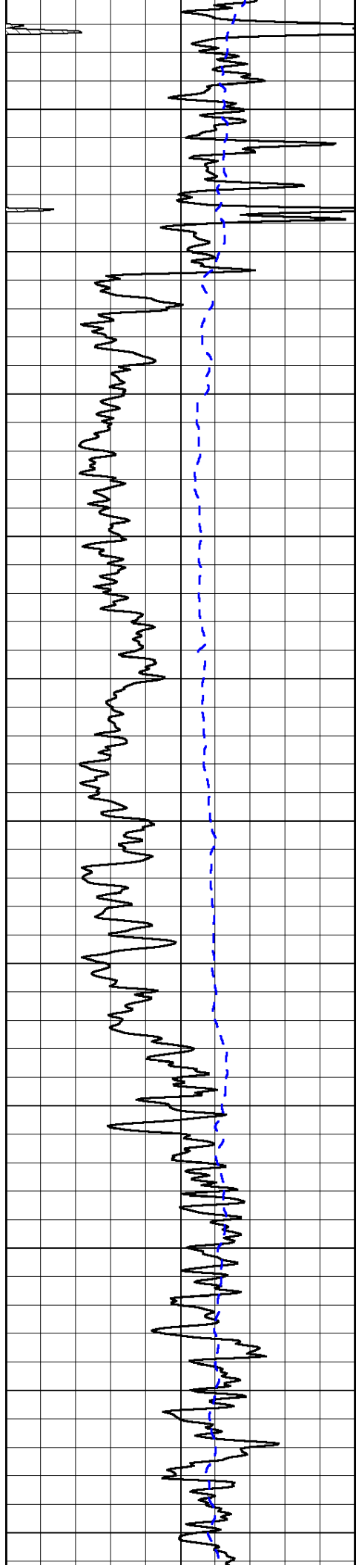
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0	Deep Resistivity	50

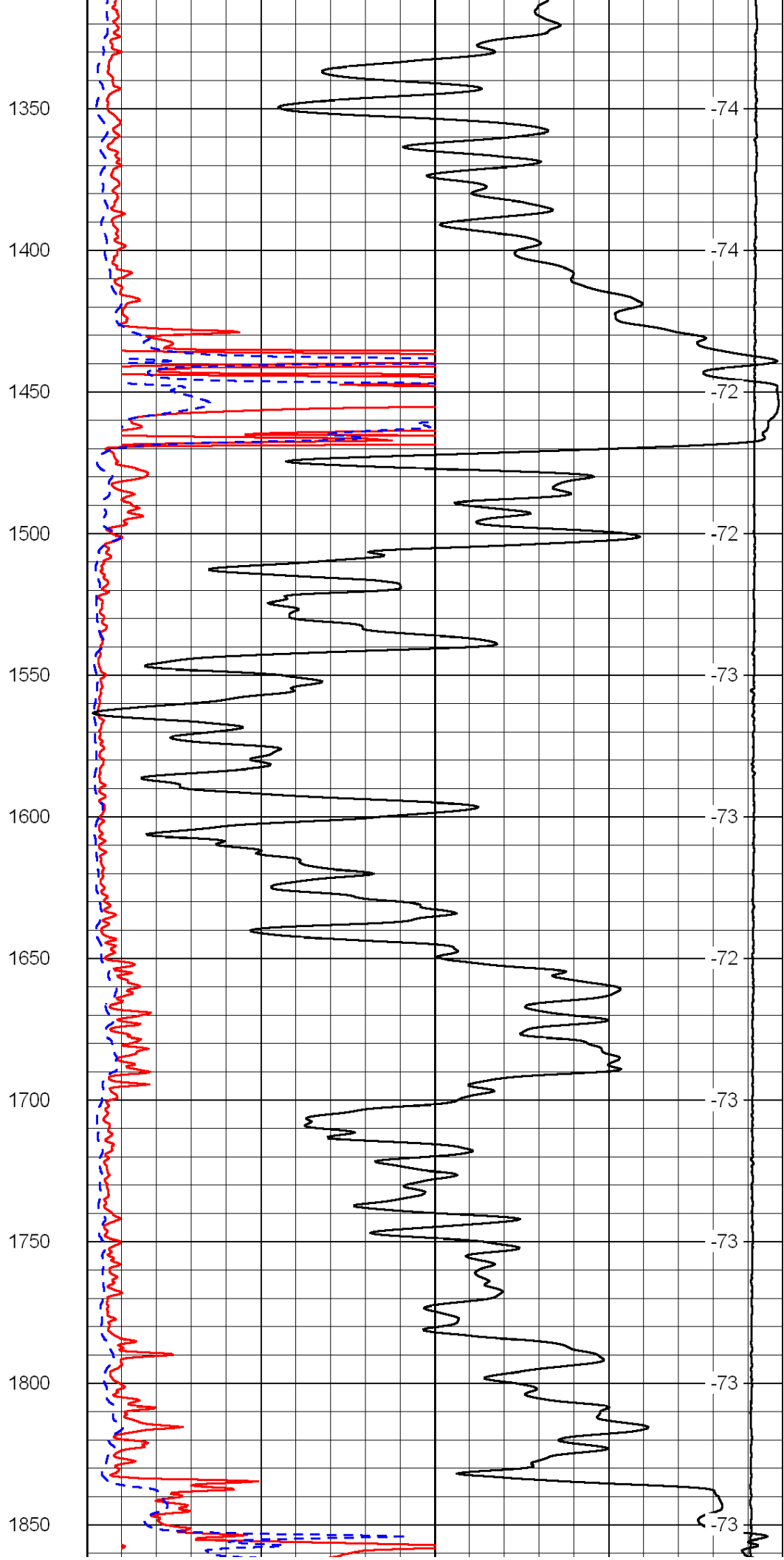
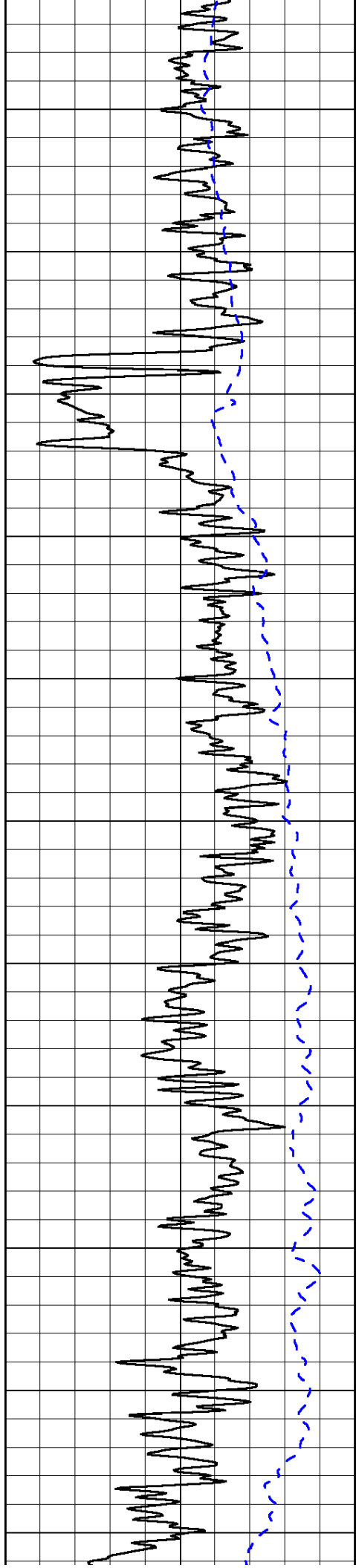
LSPD

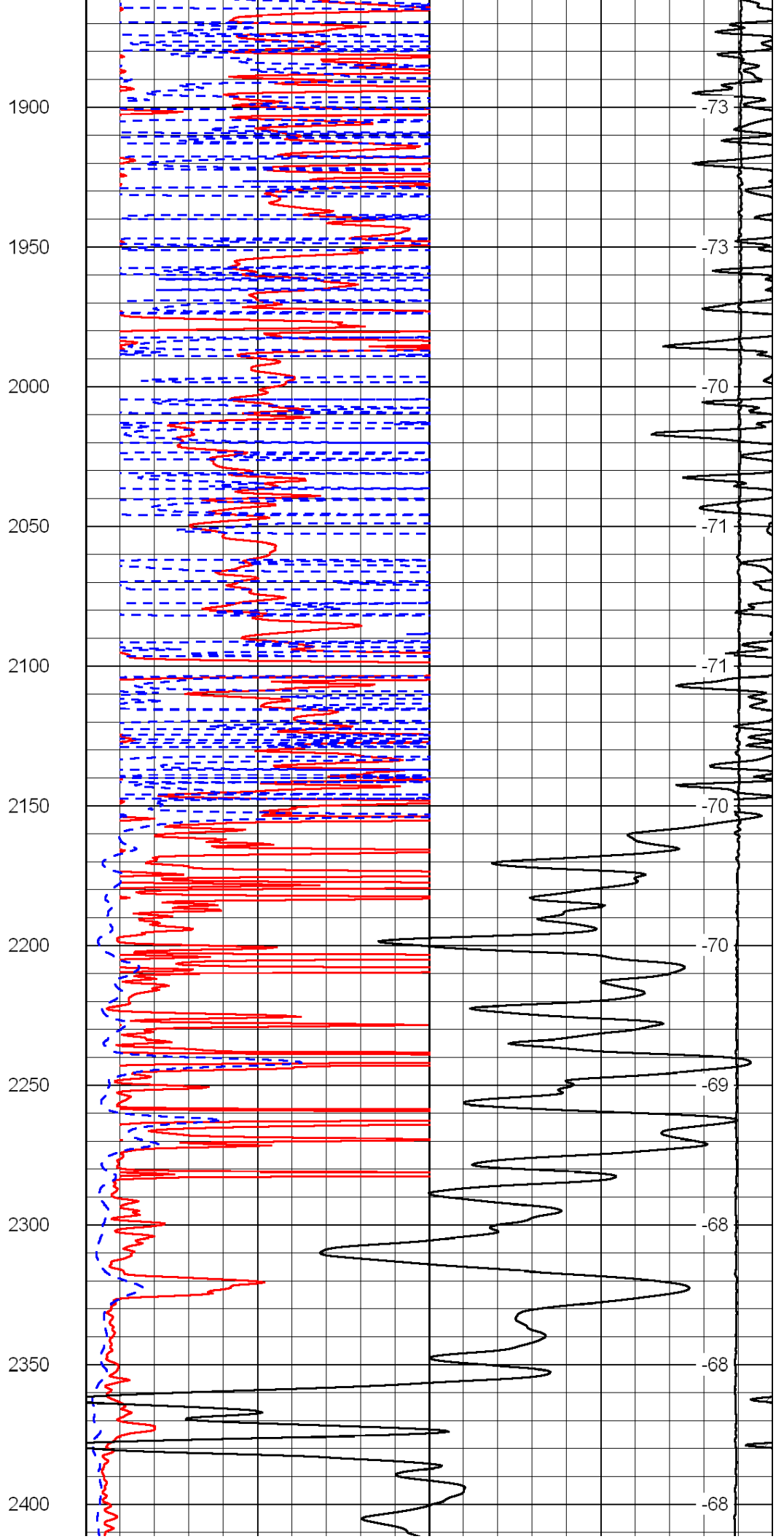
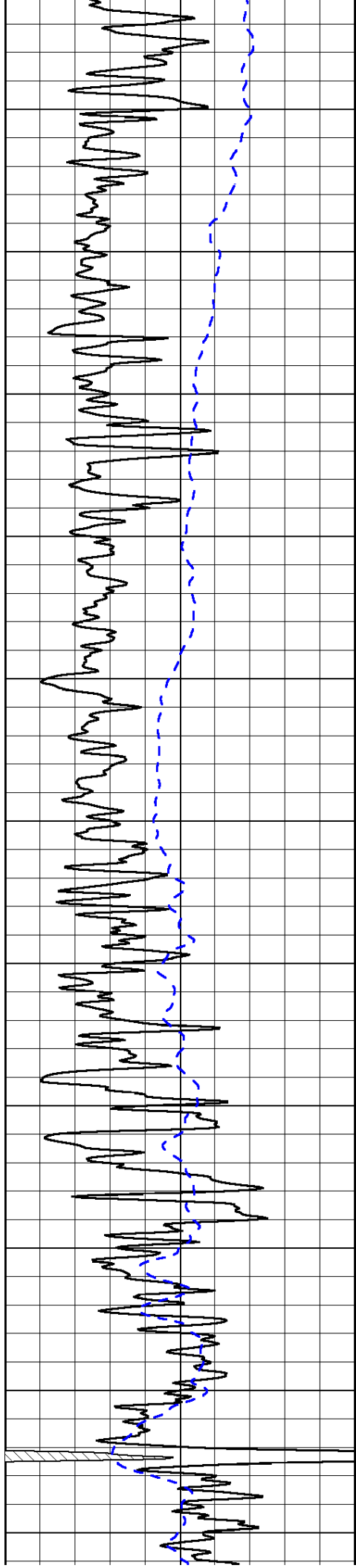
1000	Conductivity	0
15000	Line Tension	0

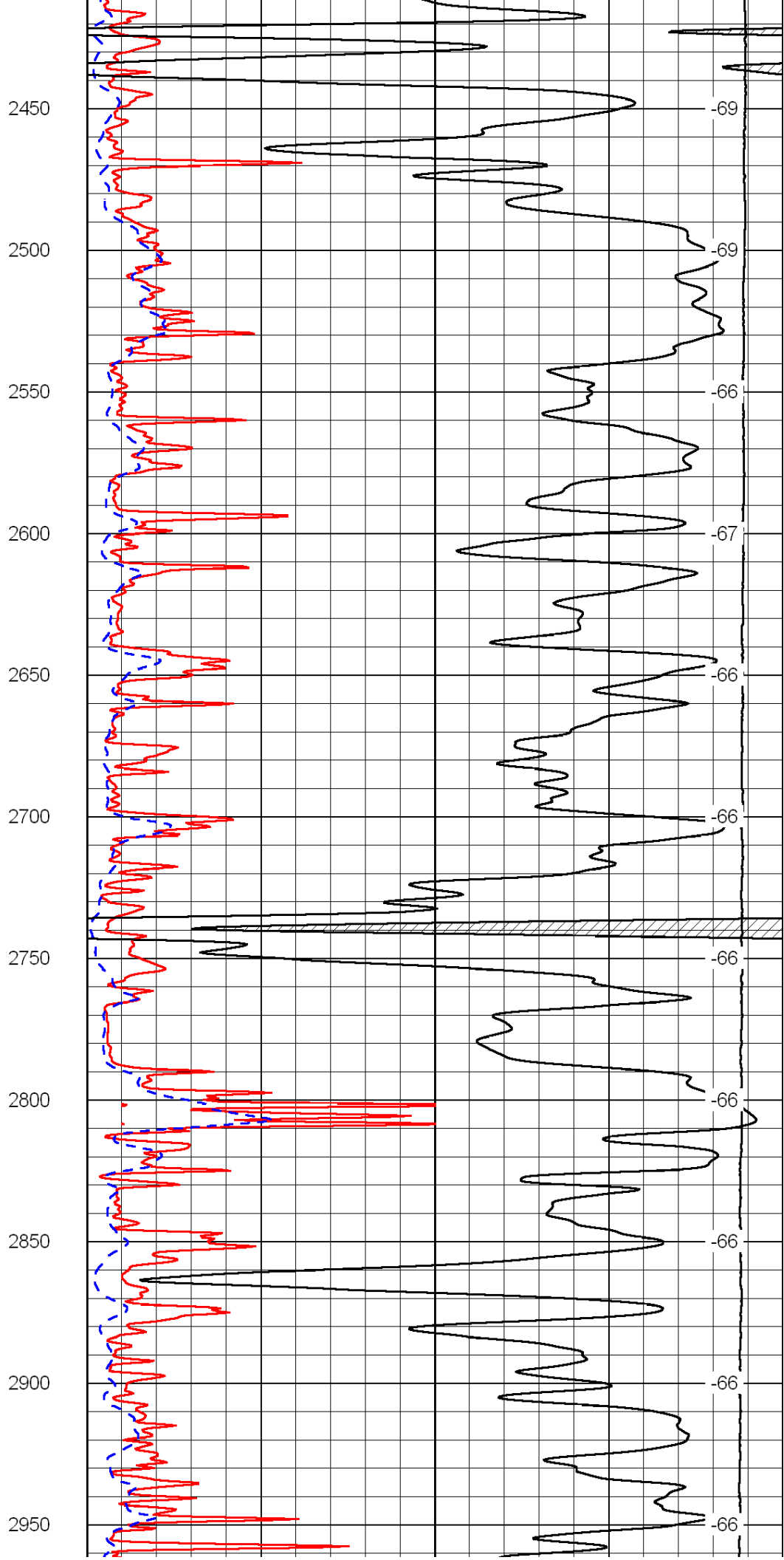
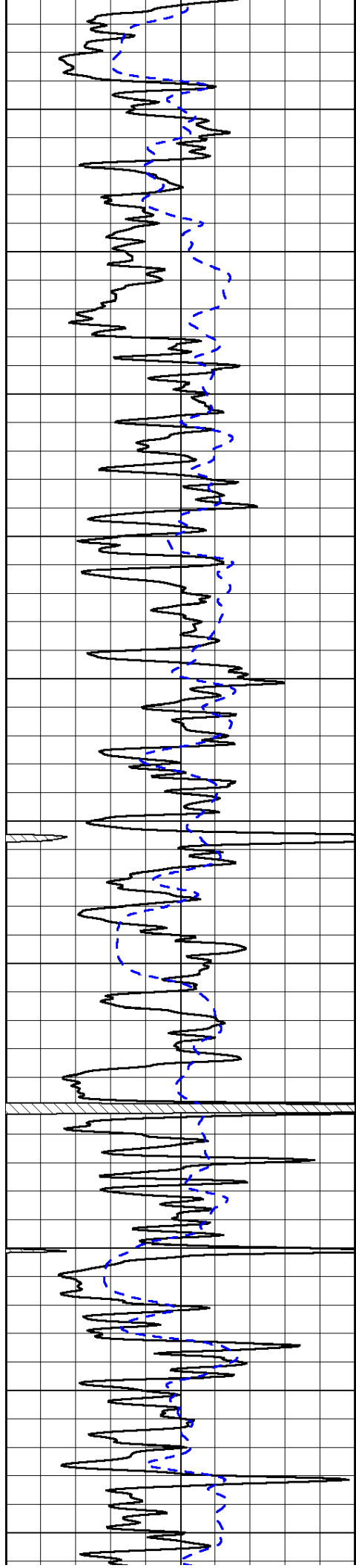
50	Shallow Resistivity	500
50	Deep Resistivity	500

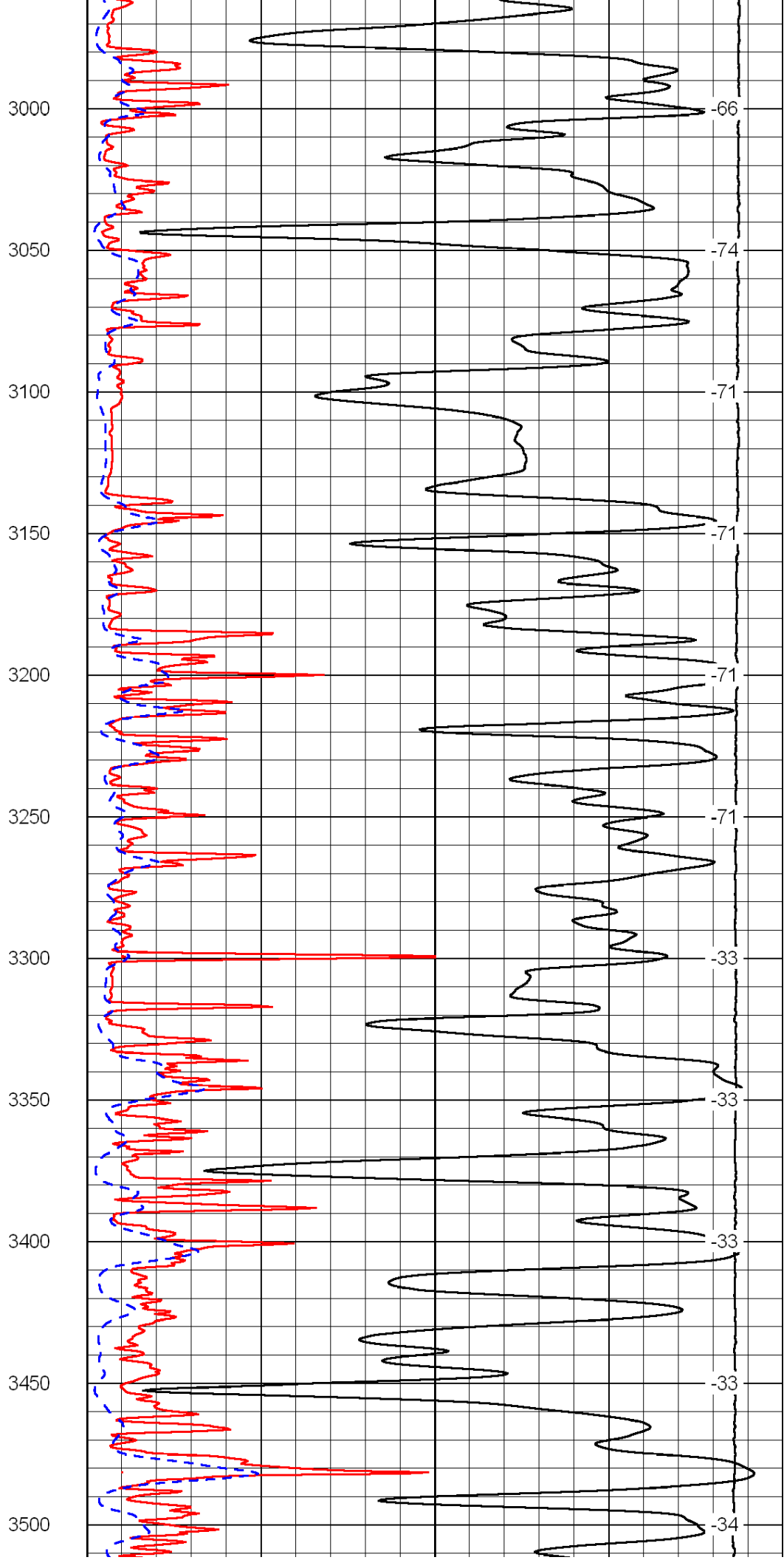
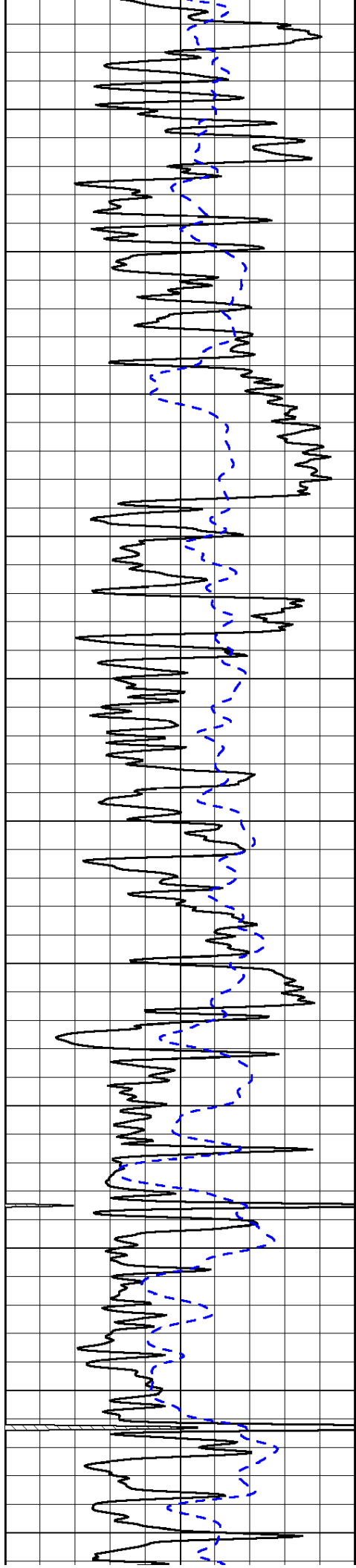


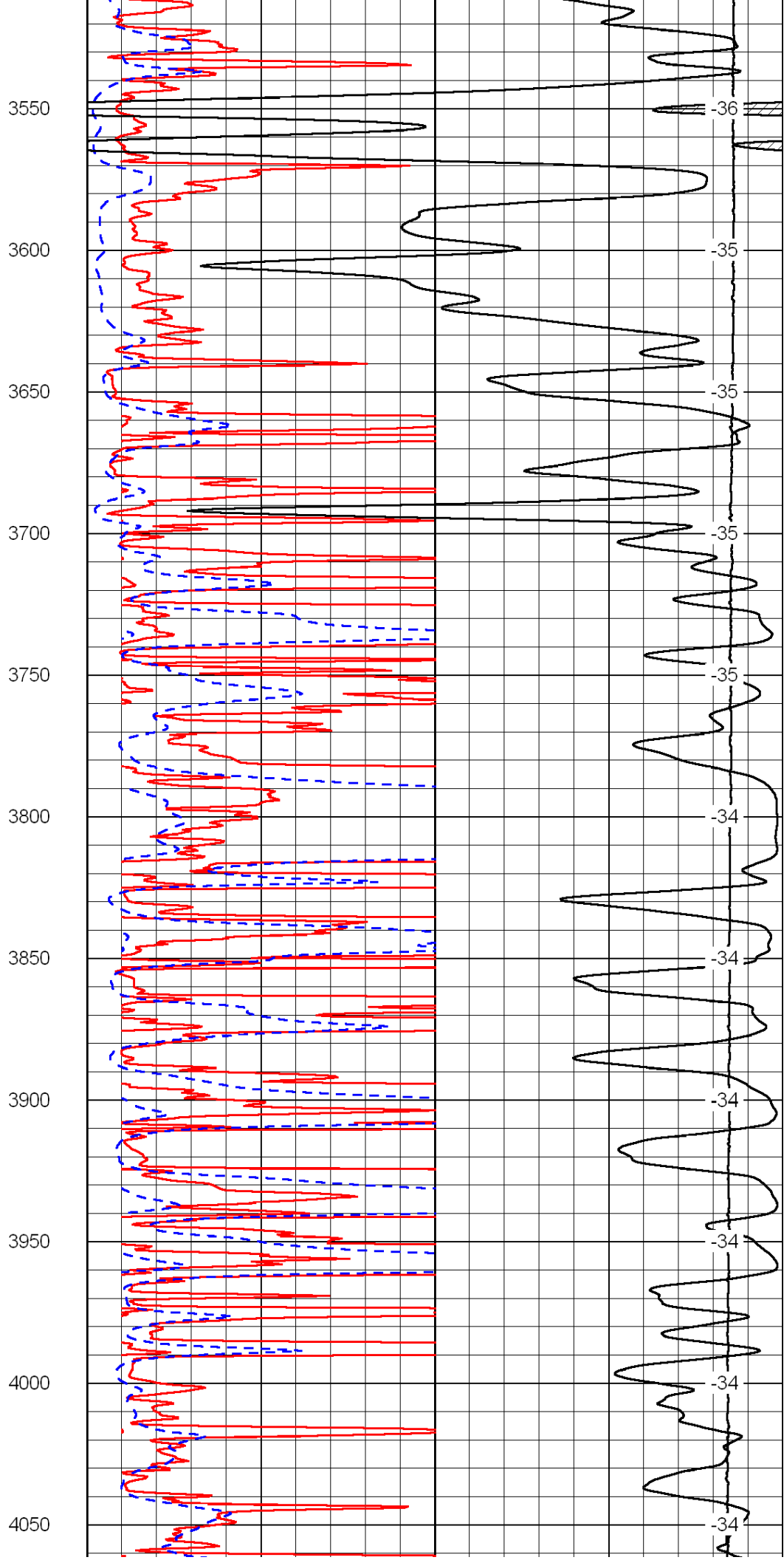
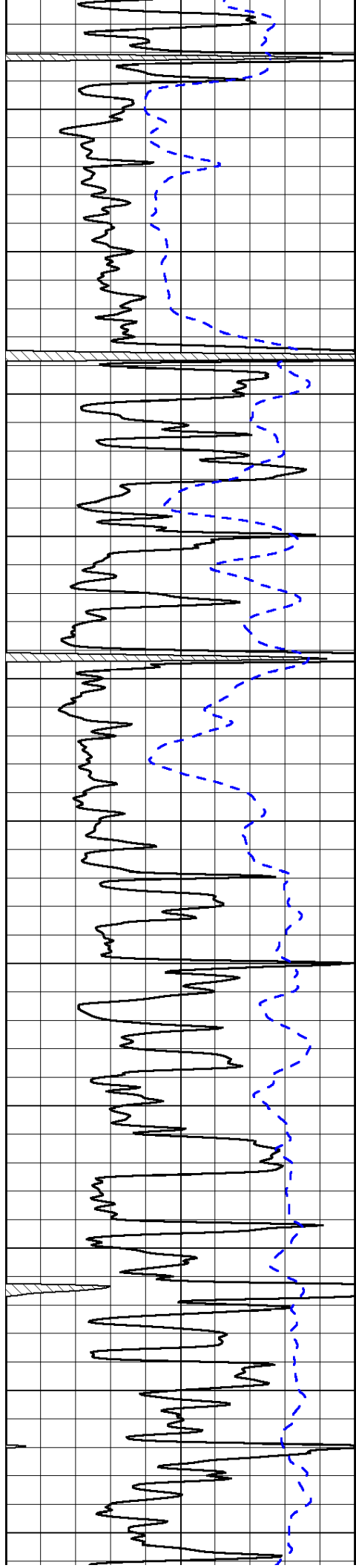


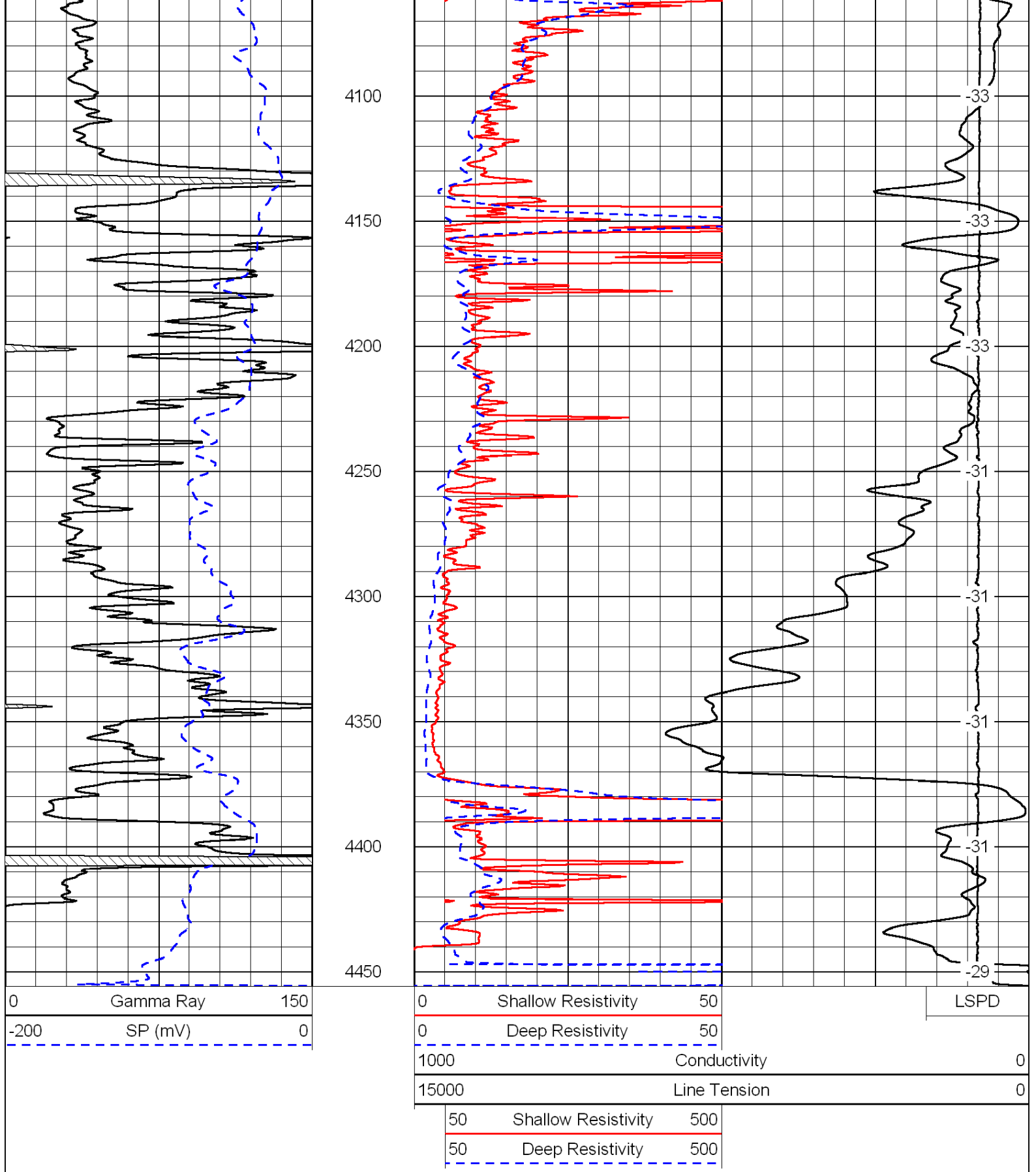




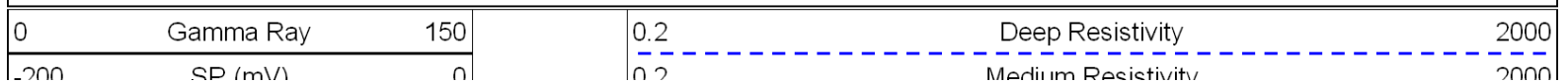








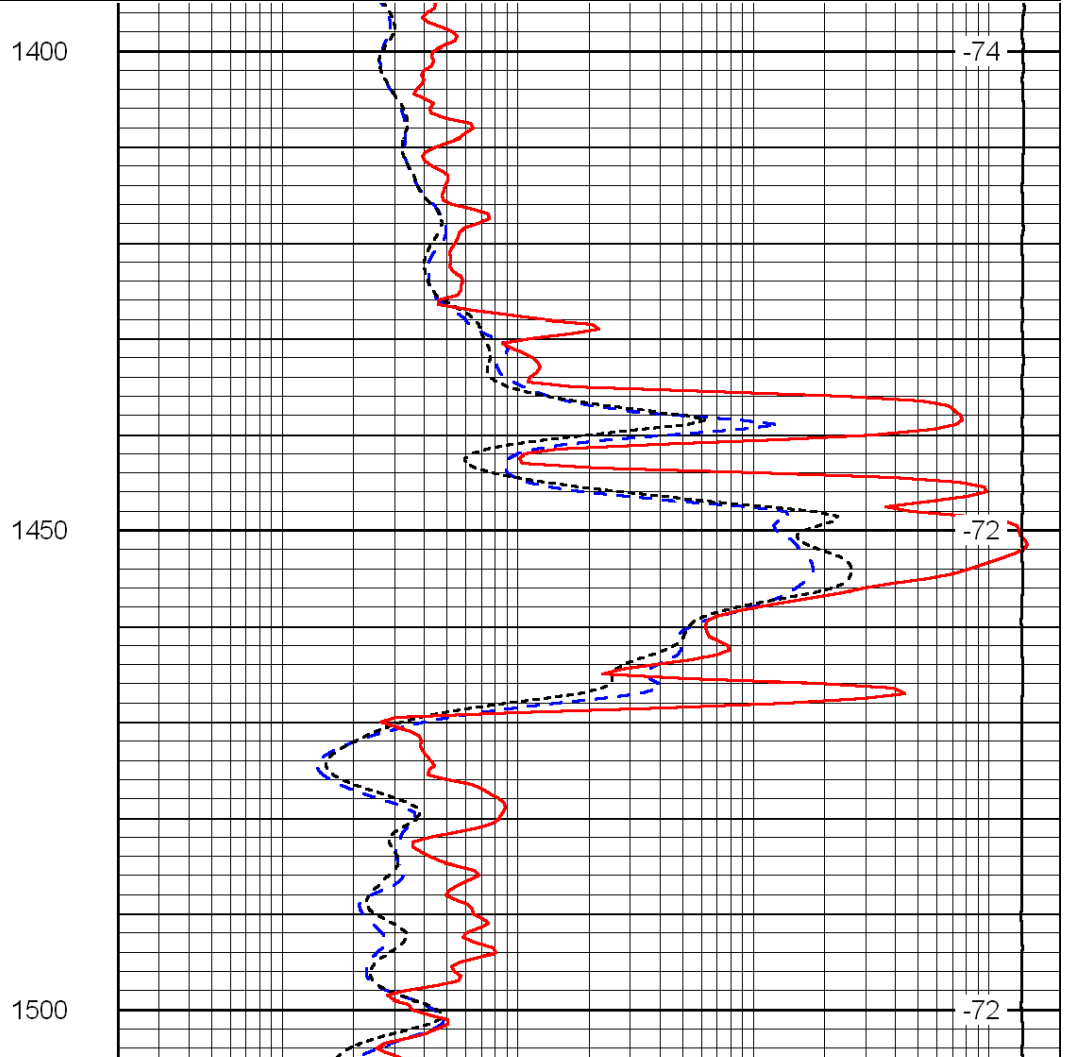
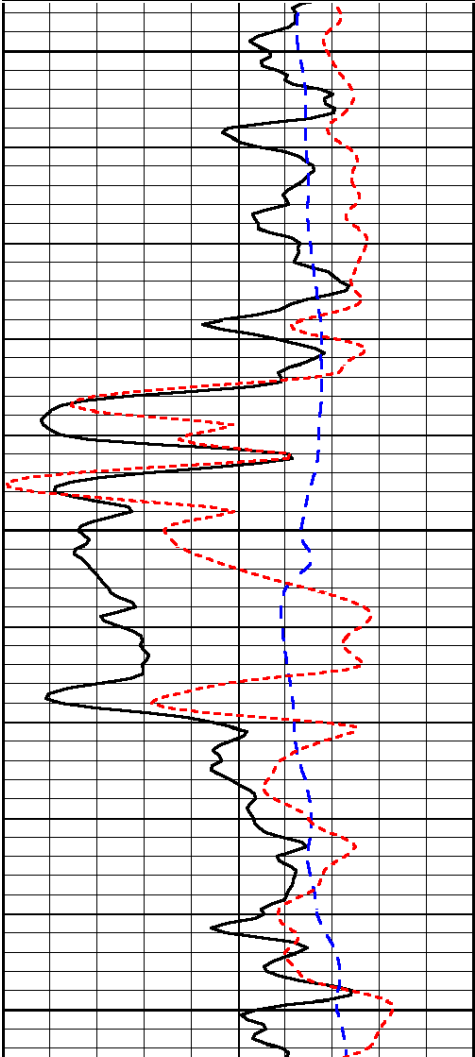
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200	SP (mV)	0
-160	Rxo / Rt	40

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

LSPD



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

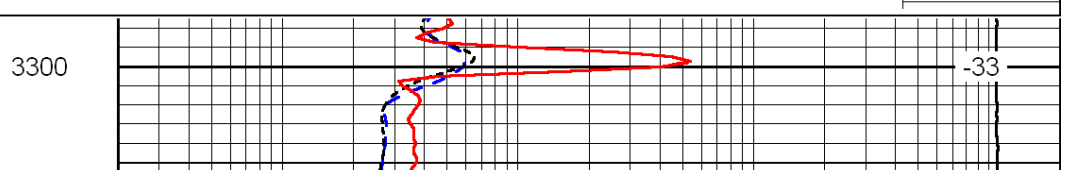
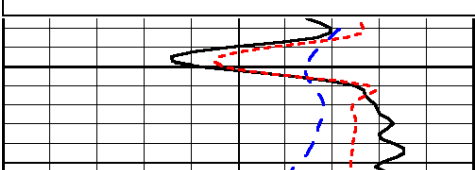
LSPD

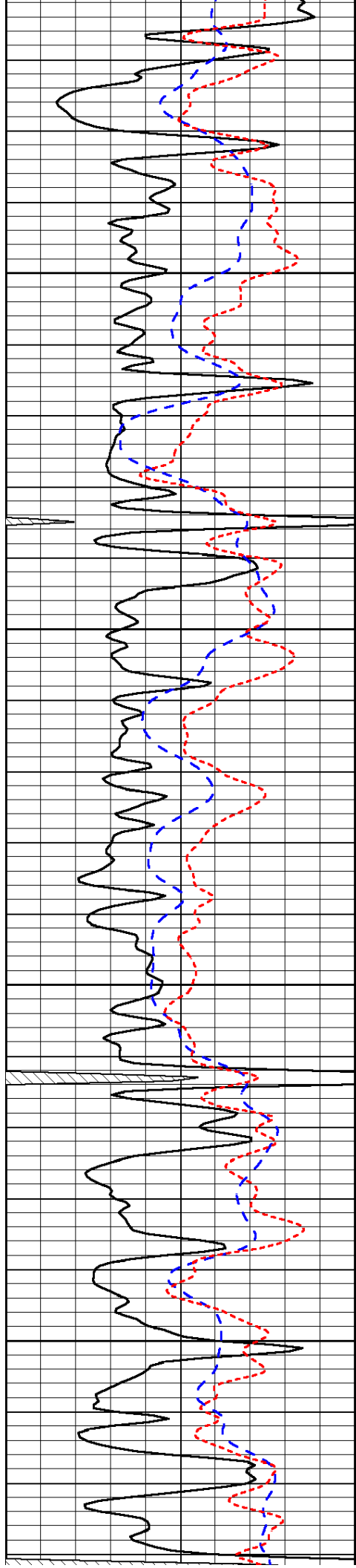
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0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

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

LSPD



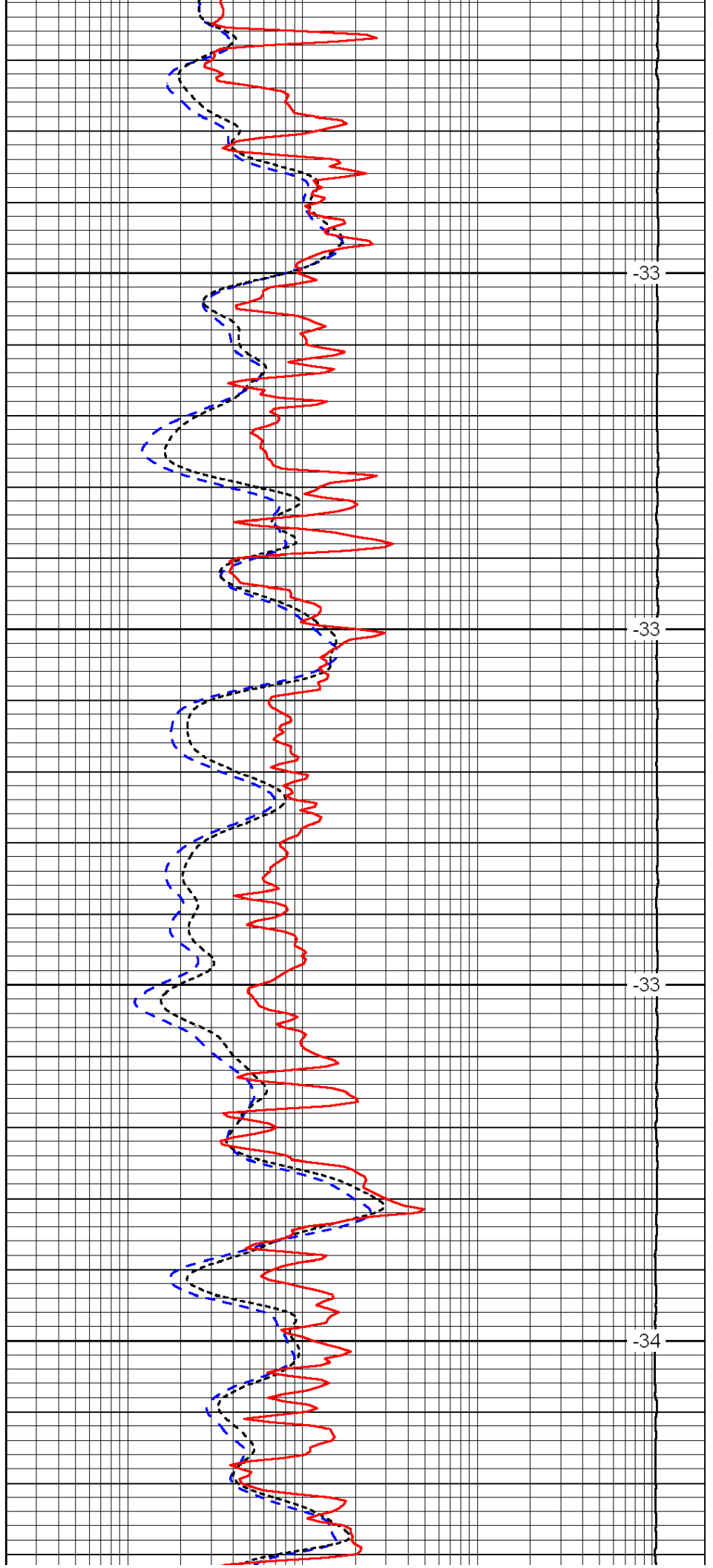


3350

3400

3450

3500

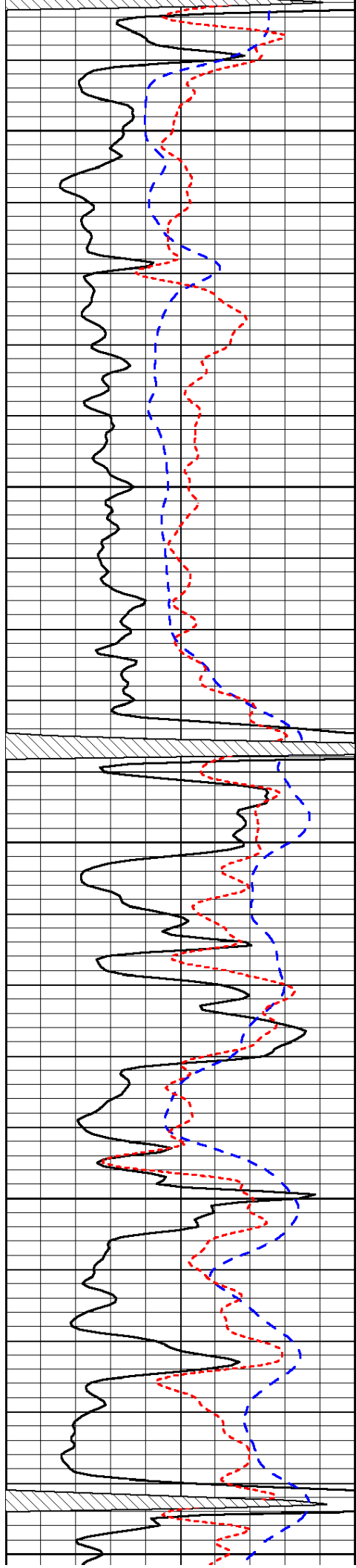


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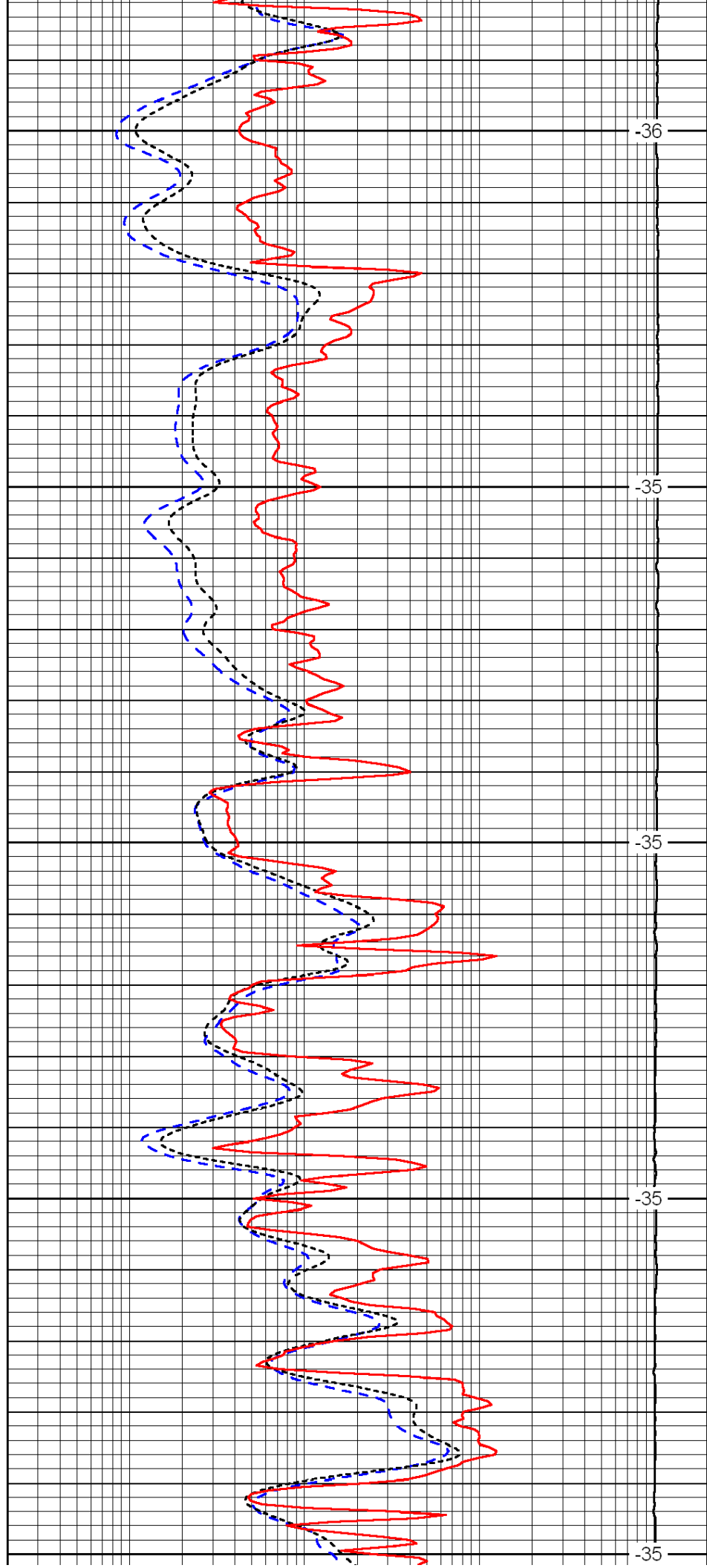
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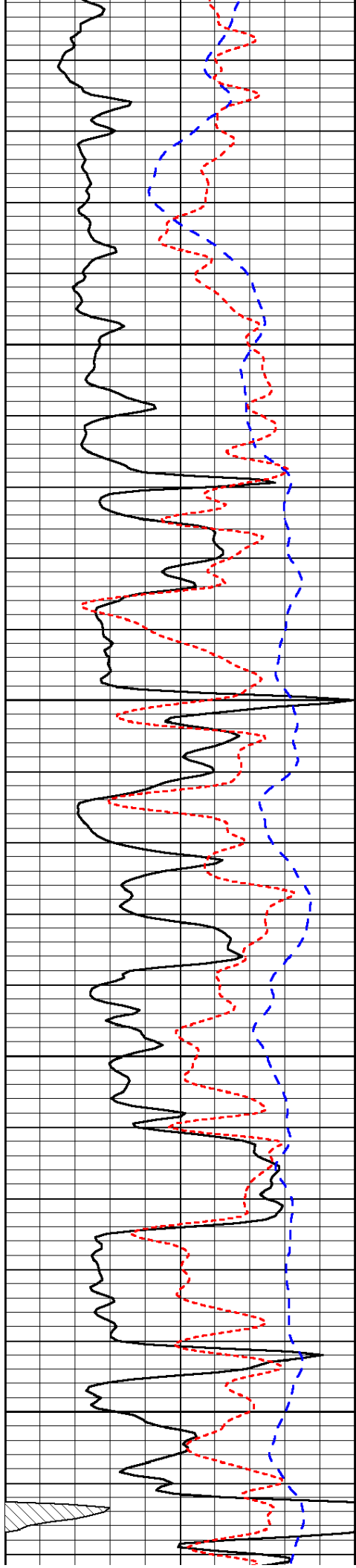
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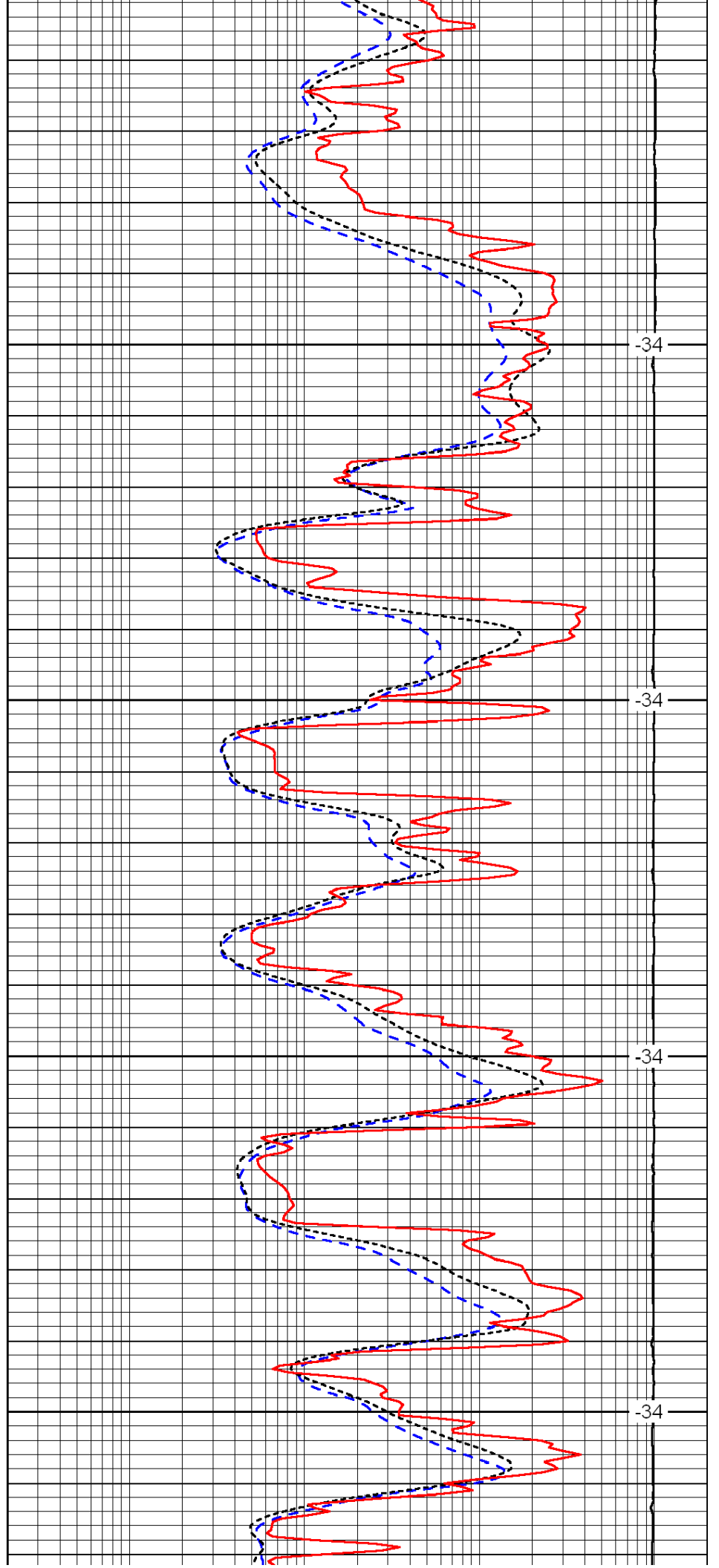


3800

3850

3900

3950

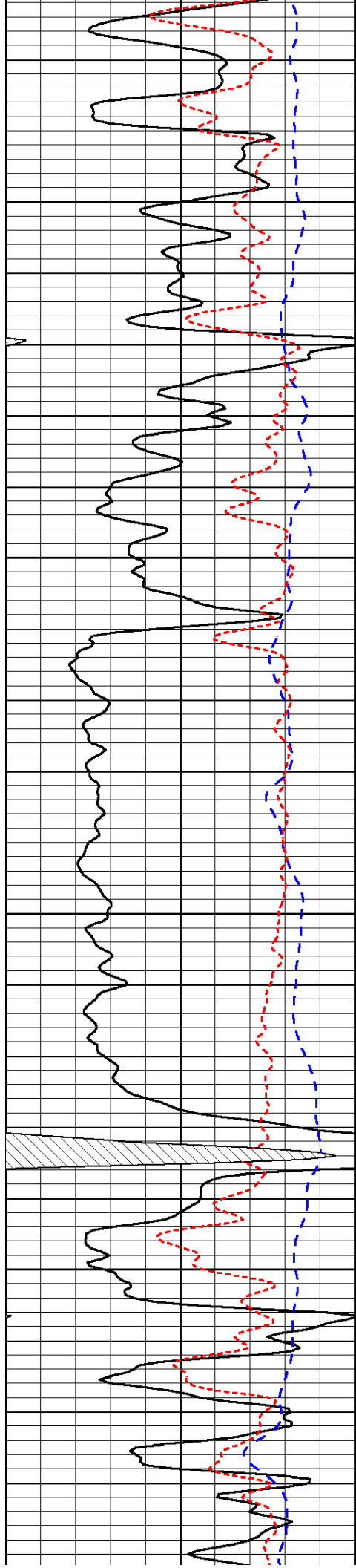


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-34

-34

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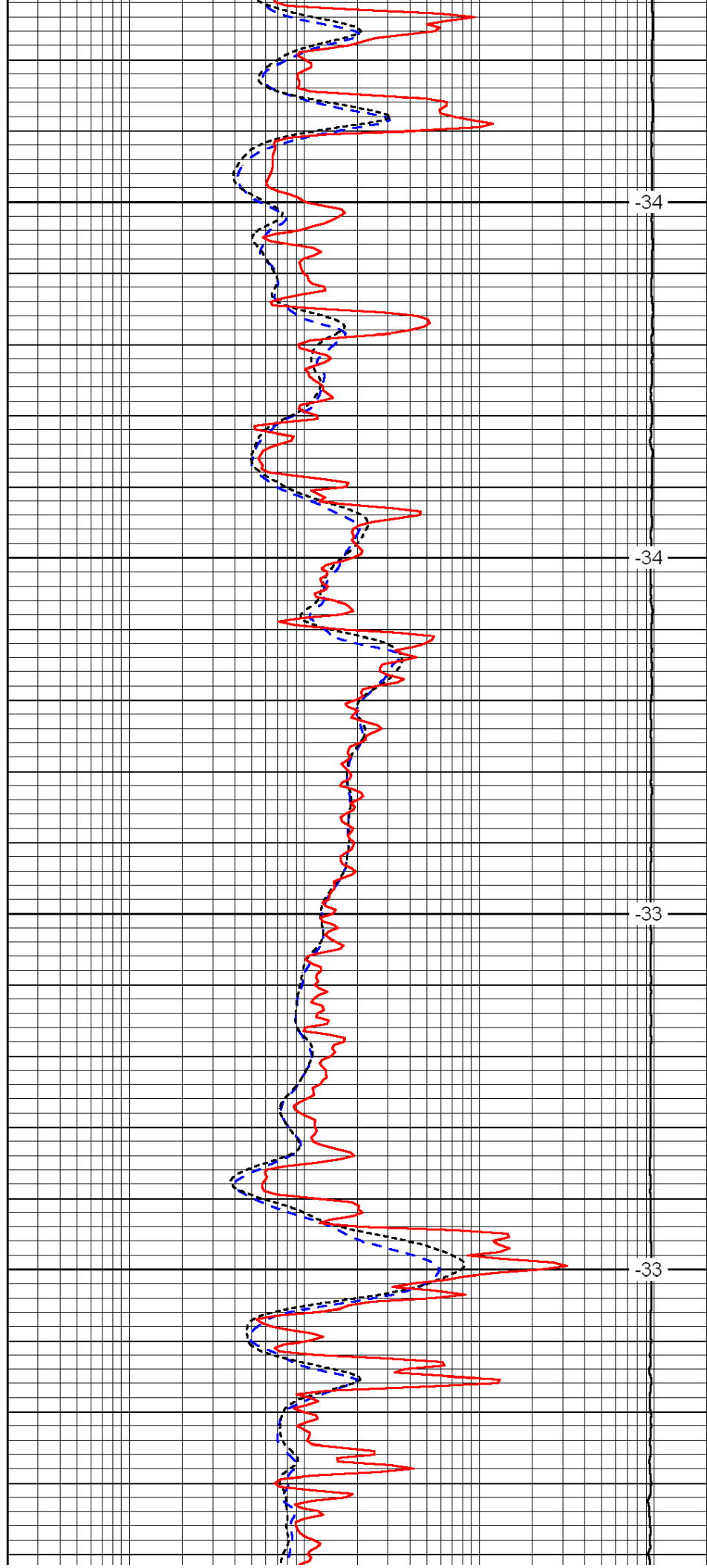


4000

4050

4100

4150

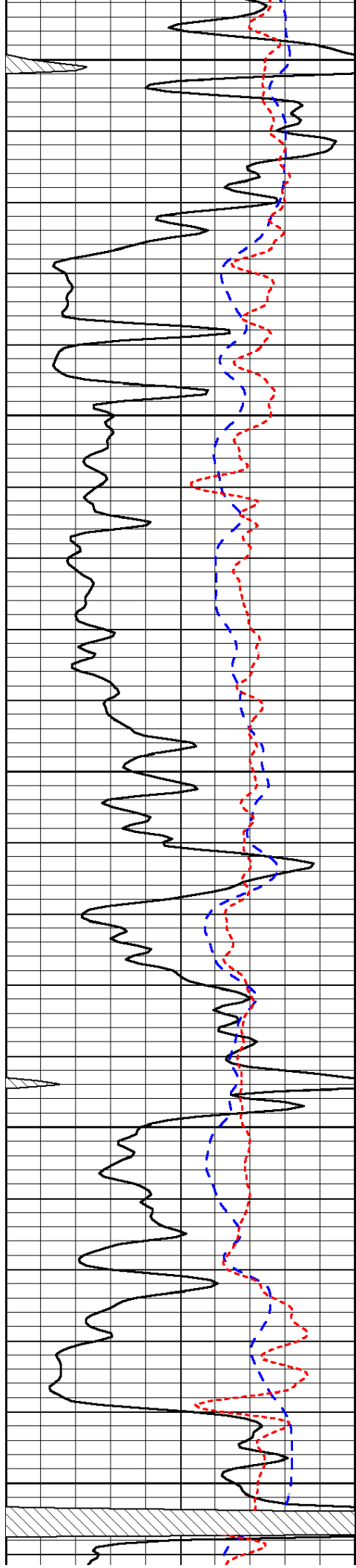


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-34

-33

-33



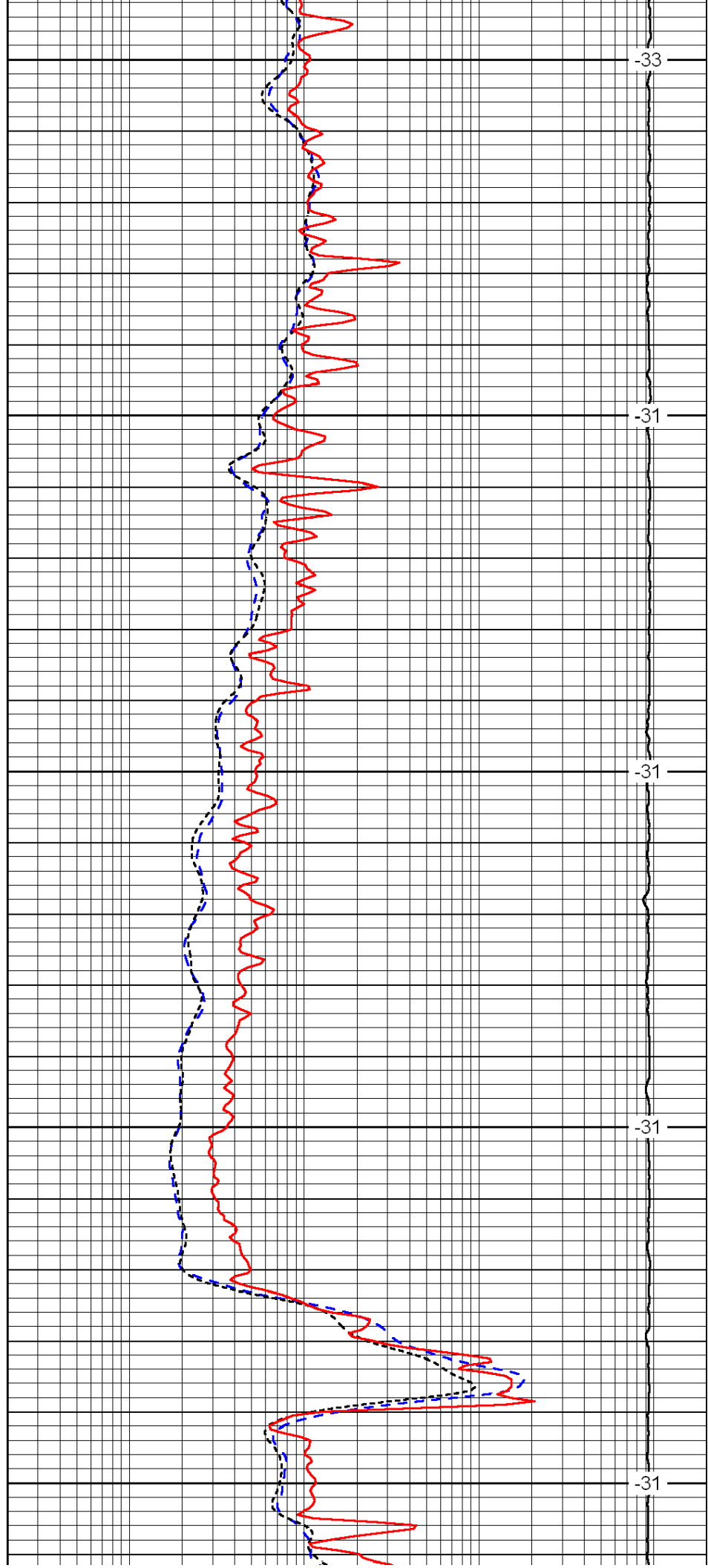
4200

4250

4300

4350

4400



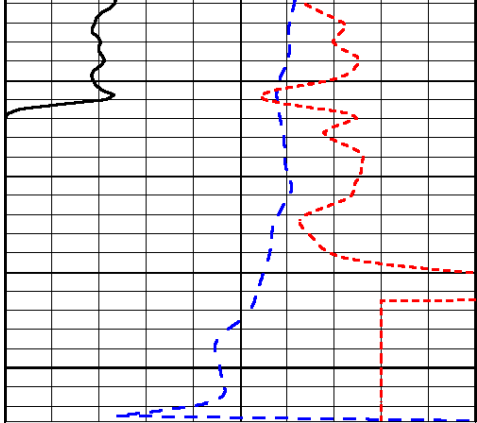
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-31

-31

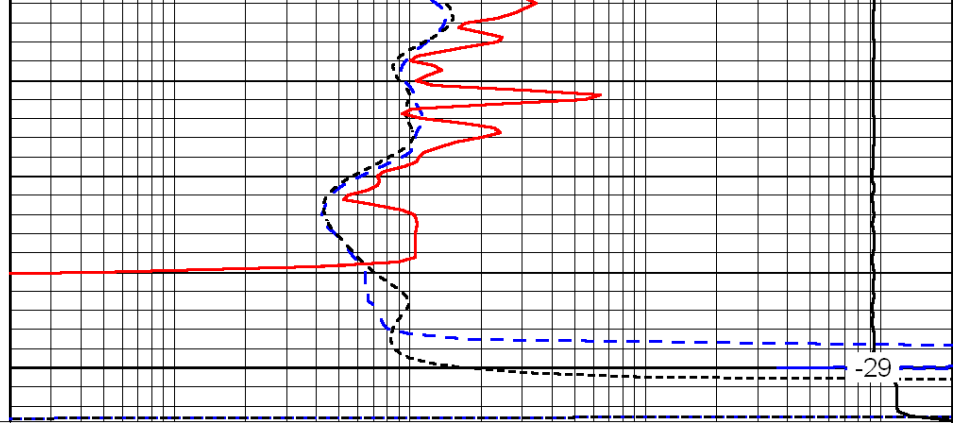
-31

-31



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

4450



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

-29

LSPD



Dual Compensated
Porosity Log

DIGITAL LOG (785) 625-3858

API No. 15-135-25,245-00-00

Company Ares Energy, LTD
Well Boese No. 9-16
Field Southeast Mantz Prospect
County Ness
State Kansas

Location NE NW SE SE
994' FSL & 911' FEL

Sec: 9 Twp: 18S Rge: 21W

Other Services
DIL
MEI/BHCS

Permanent Datum Ground Level Elevation 2167
Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 2180
D.F.
G.L. 2167

Date 5/31/2011

Run Number One

Type Log CNL / CDL

Depth Driller 4450

Depth Logger 4449

Bottom Logged Interval 4428

Top Logged Interval 3300

Type Fluid In Hole Chemical

Salinity, PPM CL 8800

Density 9.2

Level Full

Max. Rec. Temp. F 121

Operating Rig Time 4 Hours

Equipment -- Location 10 Hays

Recorded By J. Long

Witnessed By Justin Carter

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	317	8.625	24#	00	317
2	7.875	317	4450				

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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.

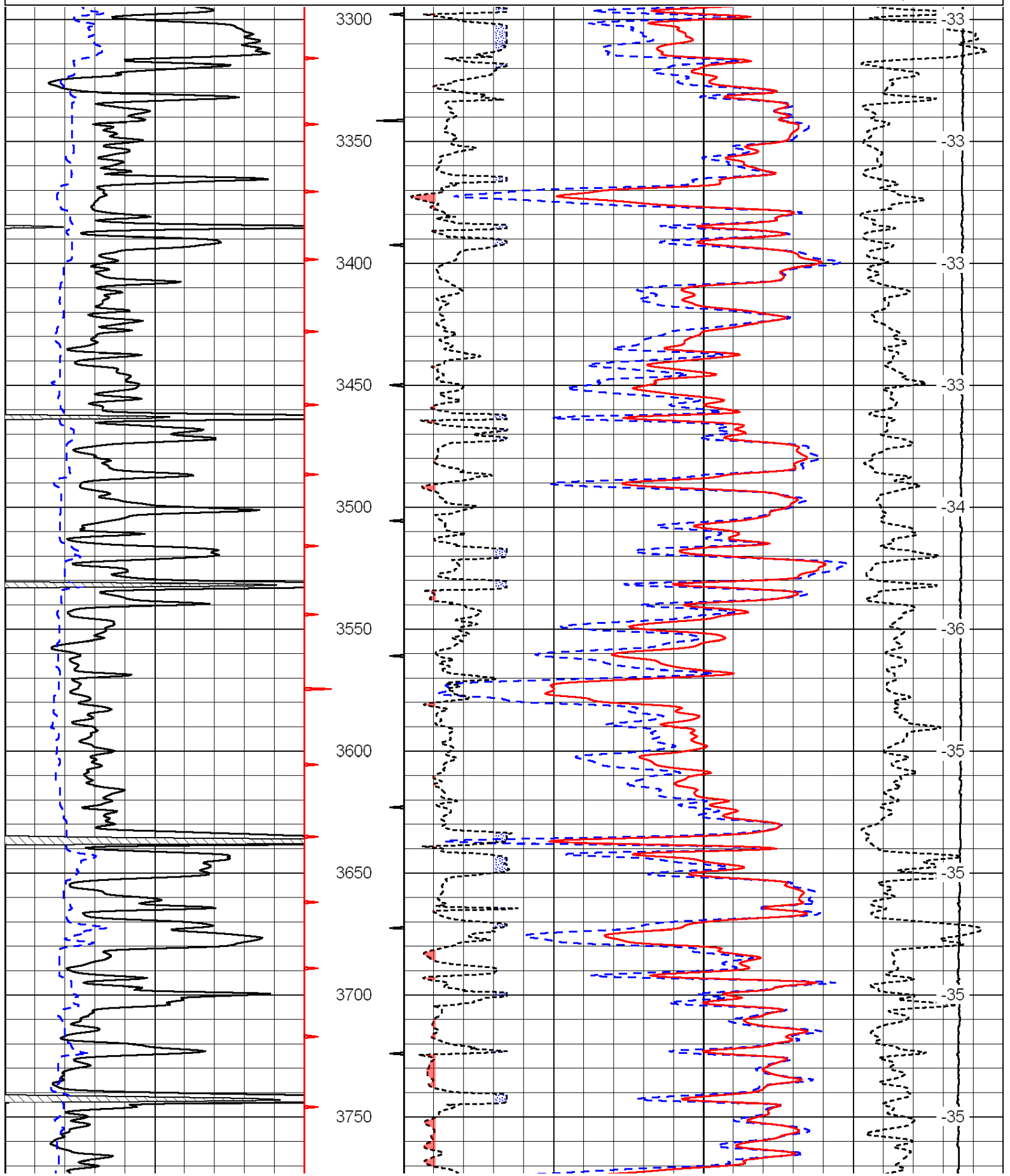
Comments

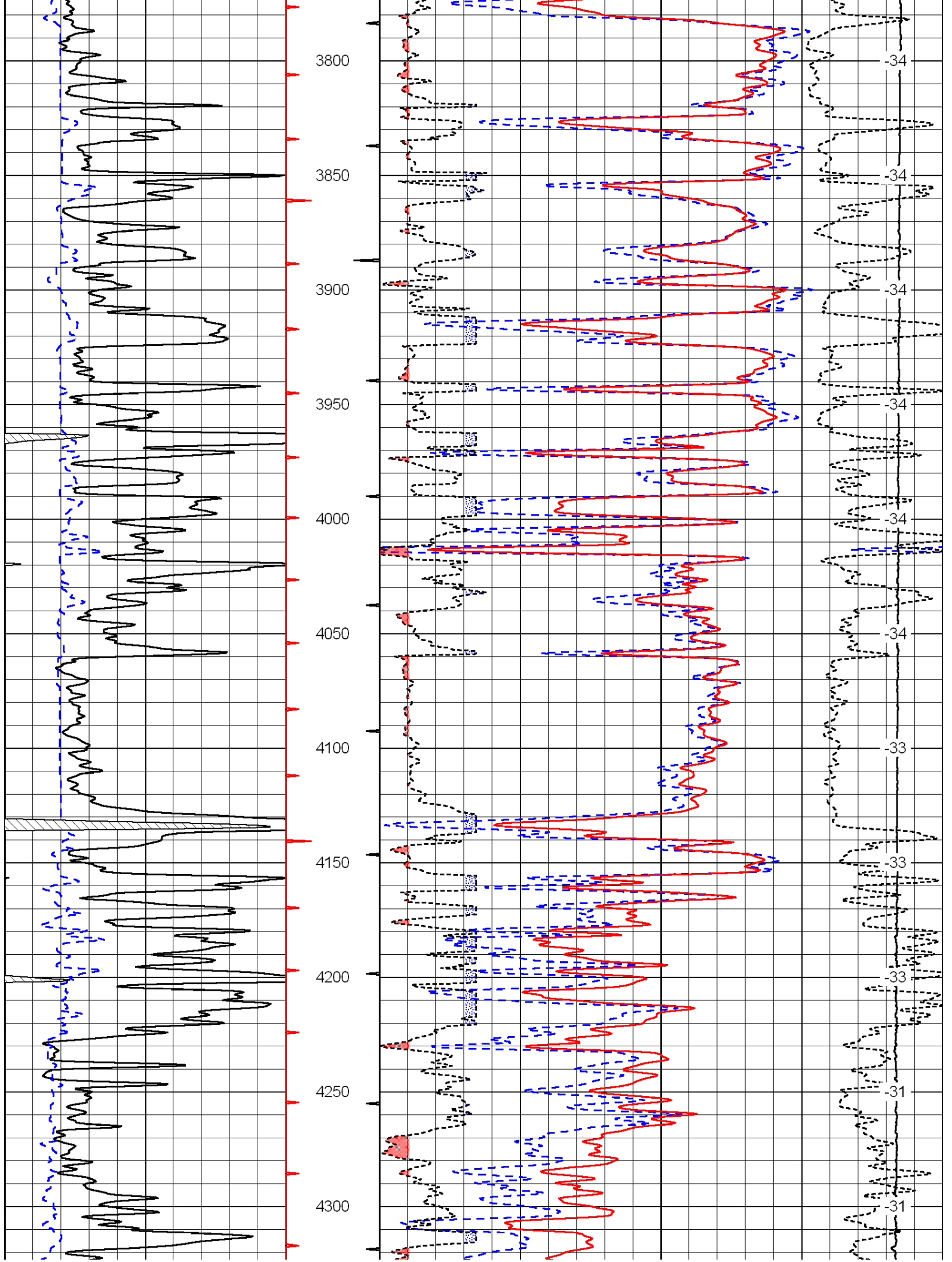
Thank you for using Log-Tech, Inc.
(785) 625-3858

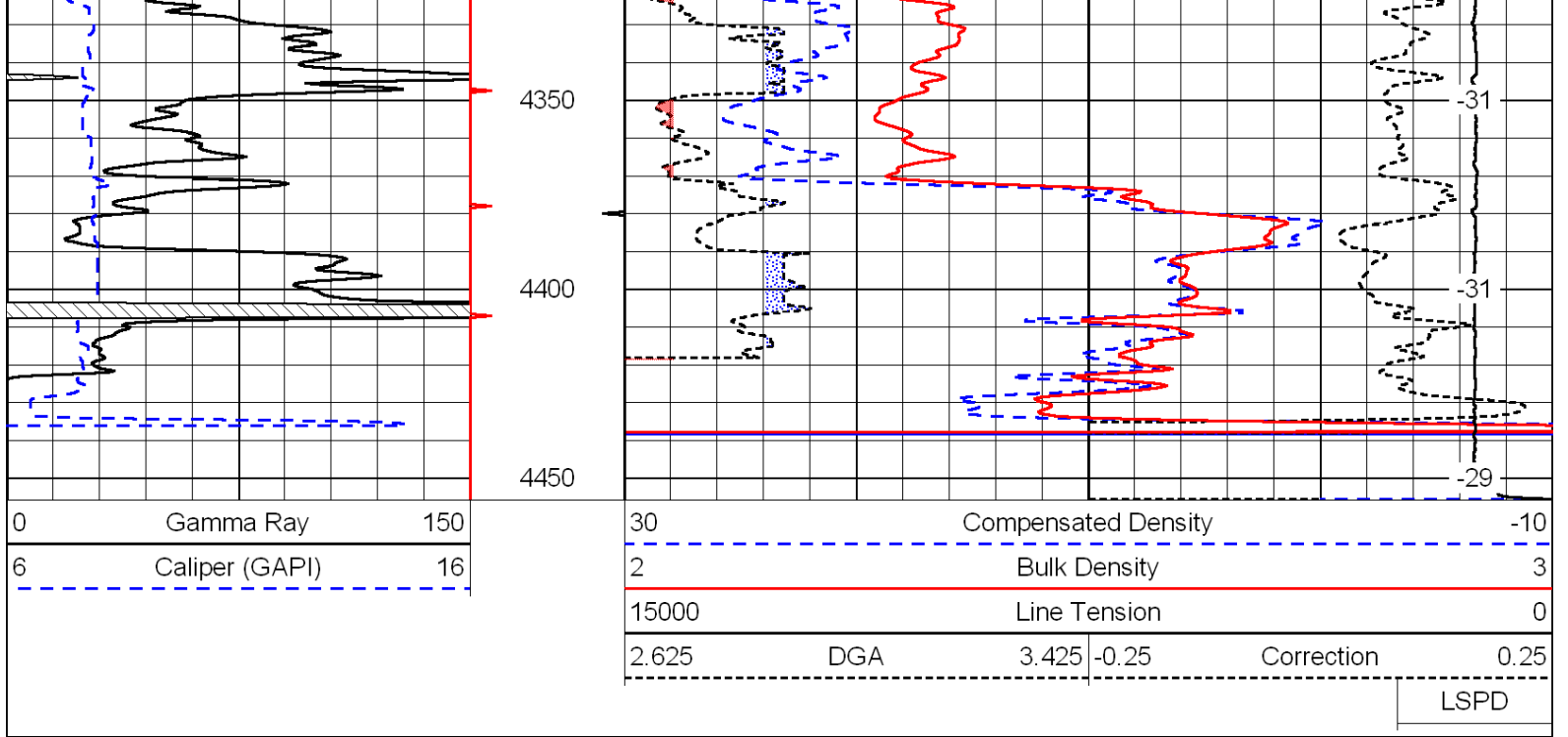
Bazine, 3 North to 160 Road, 3 East to GG Road, 200 Yards North, West Into

0	Gamma Ray	150
6	Caliper (GAPI)	16

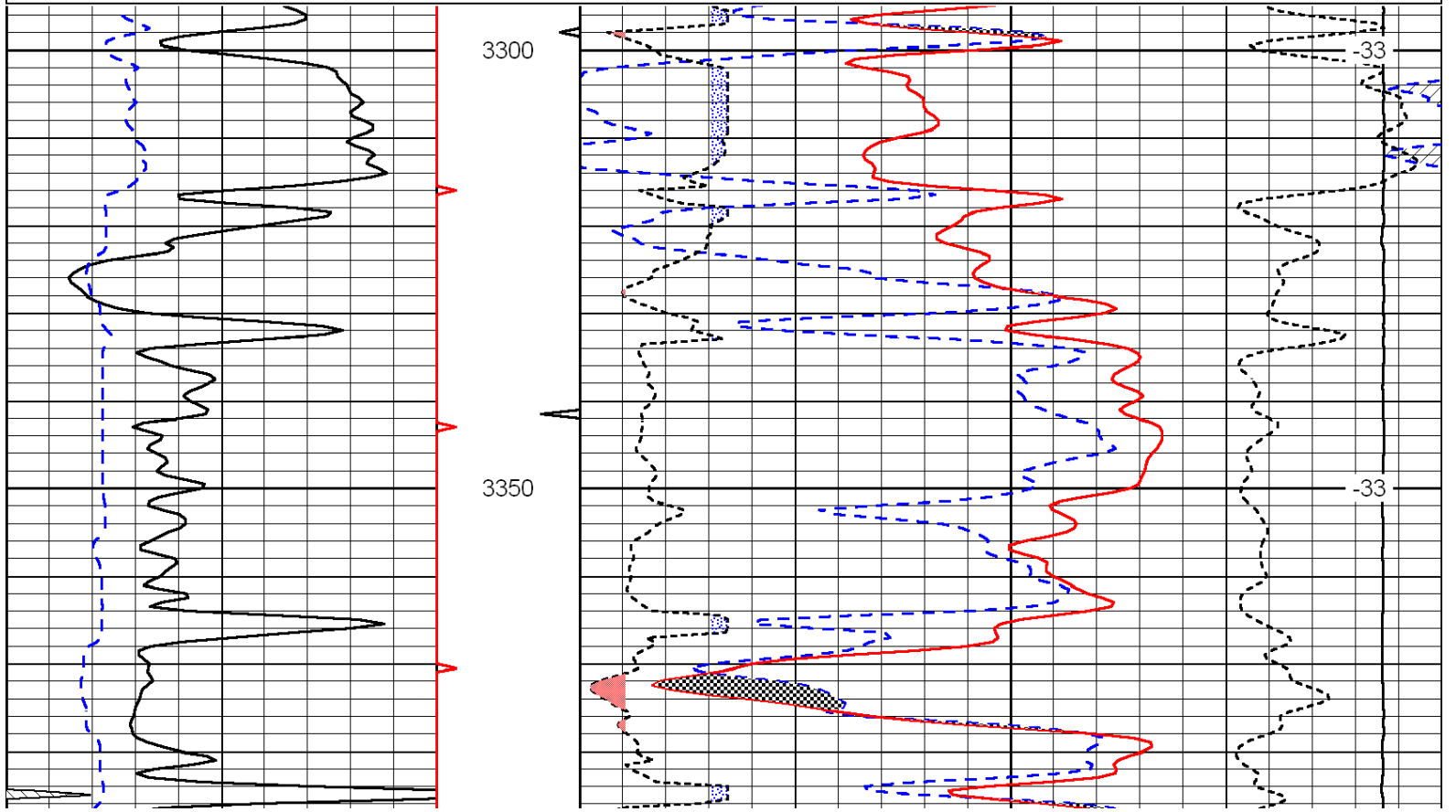
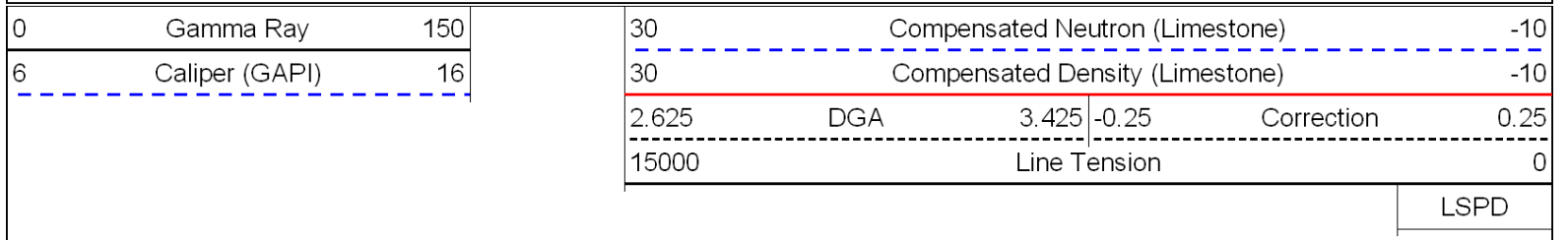
30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
Correction			0.25
LSPD			

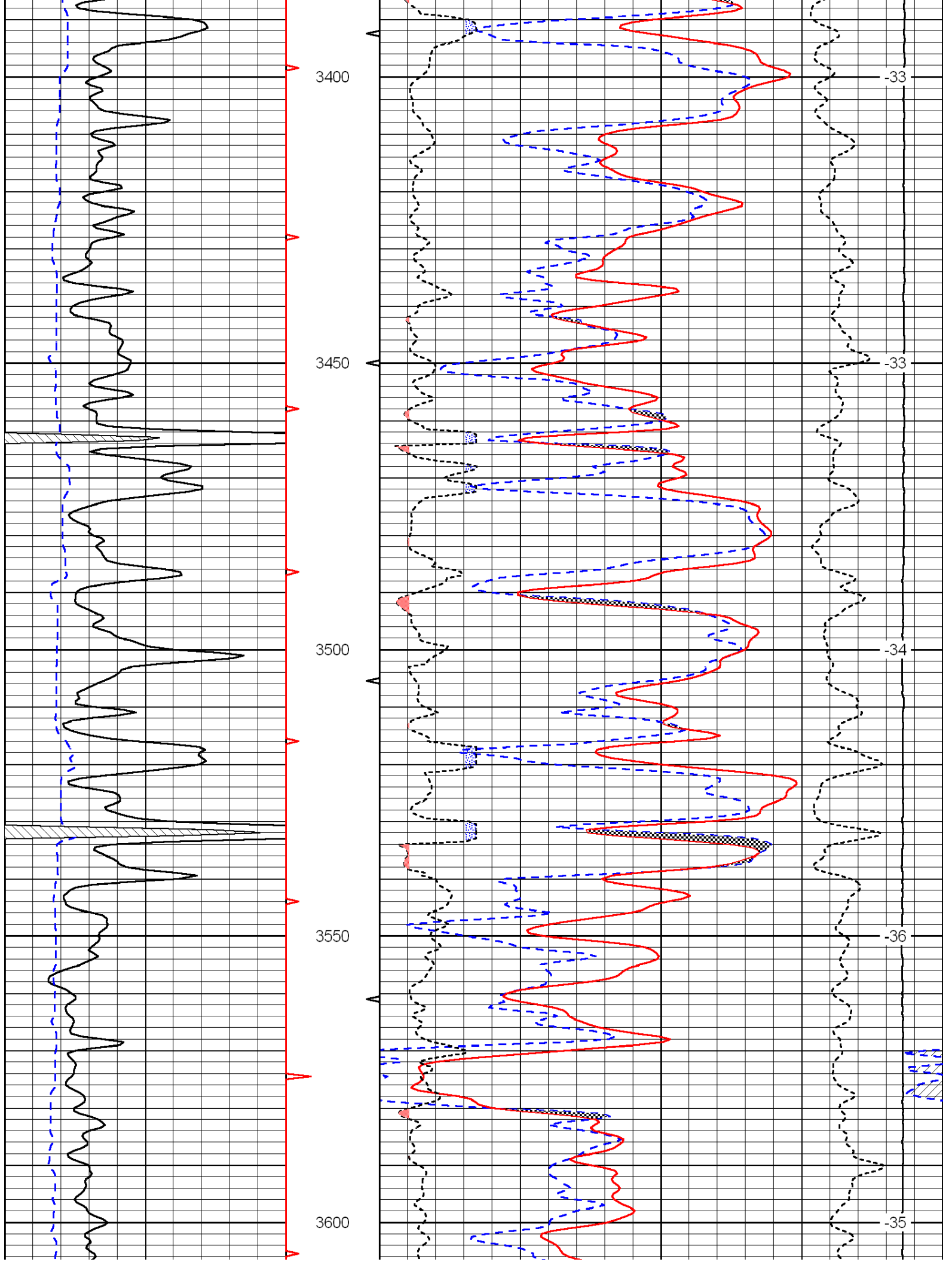


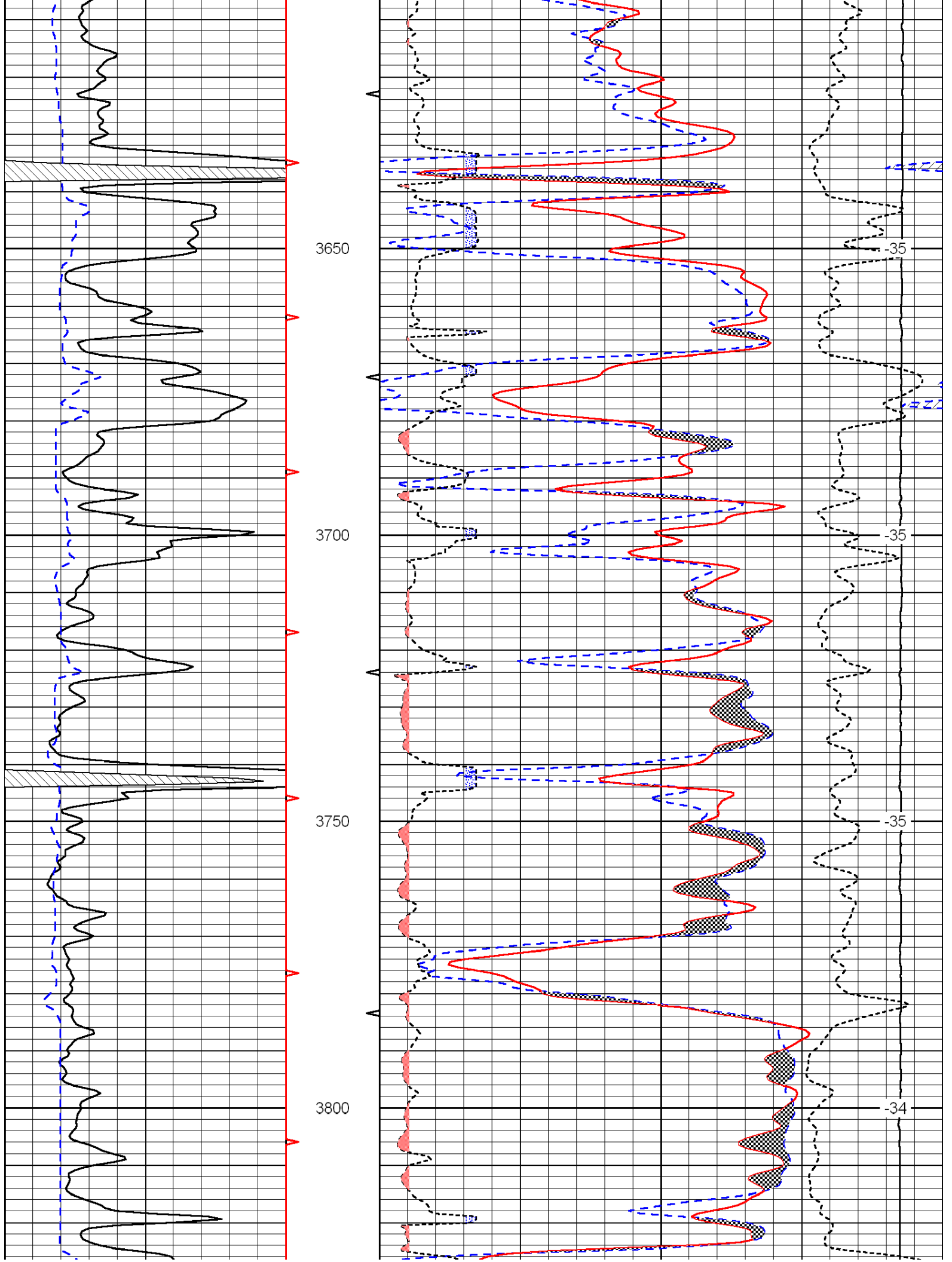


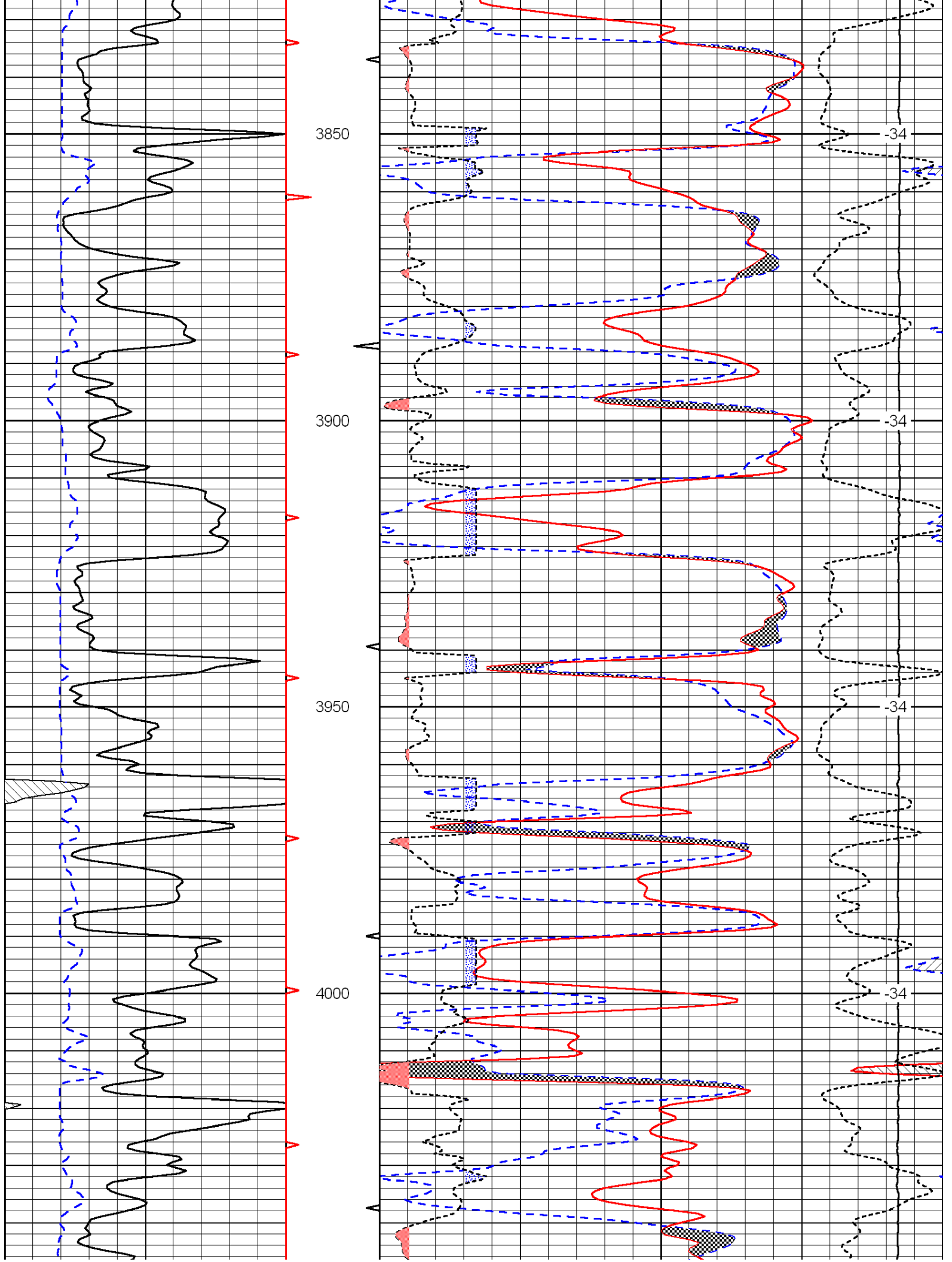


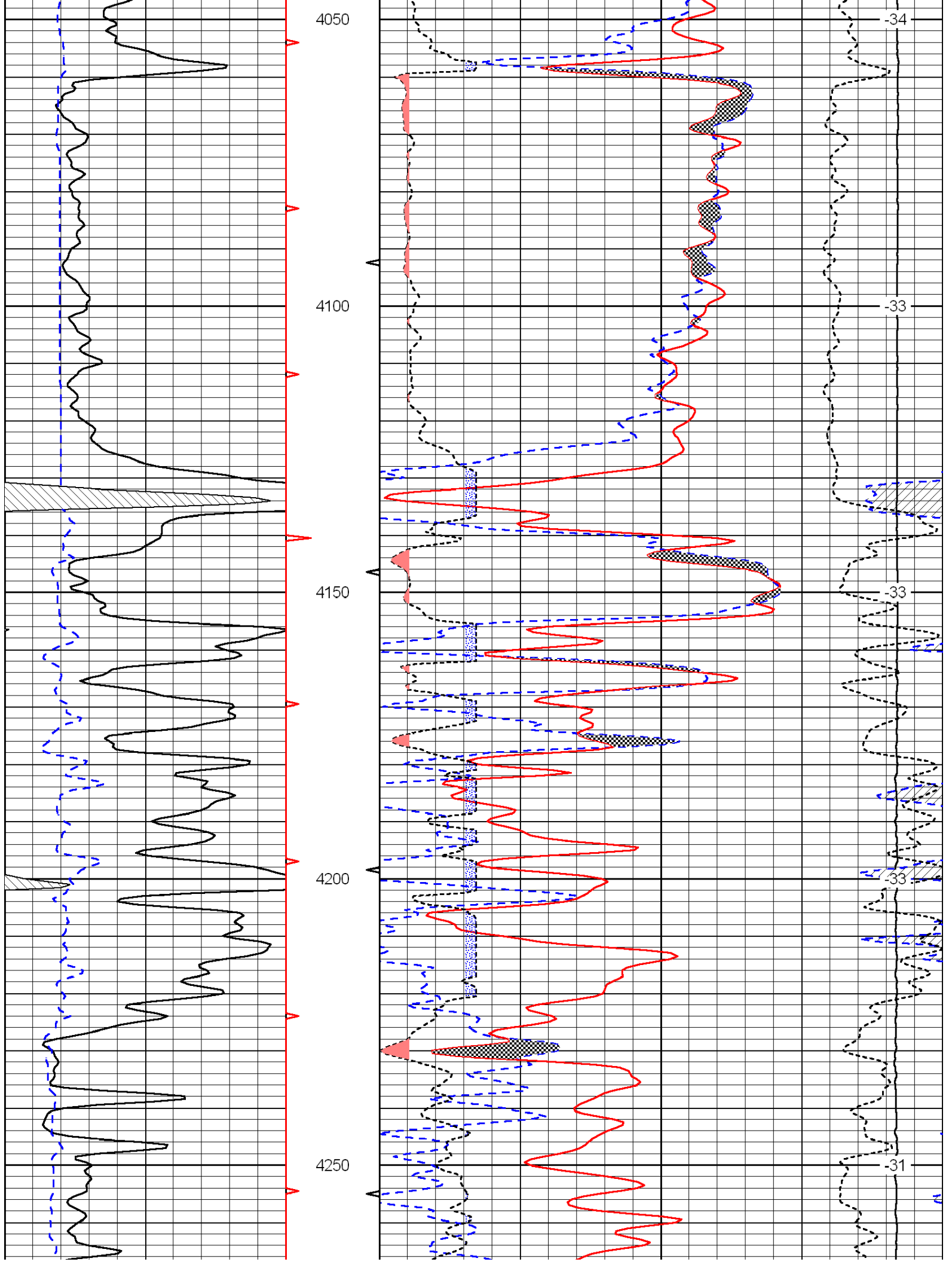
Database File: c:\warrior\data\ares energy_boese no. 9-16\ares_boese_9-16hd.db
 Dataset Pathname: dil/aresstock
 Presentation Format: cndlspec
 Dataset Creation: Tue May 31 20:31:48 2011
 Charted by: Depth in Feet scaled 1:240

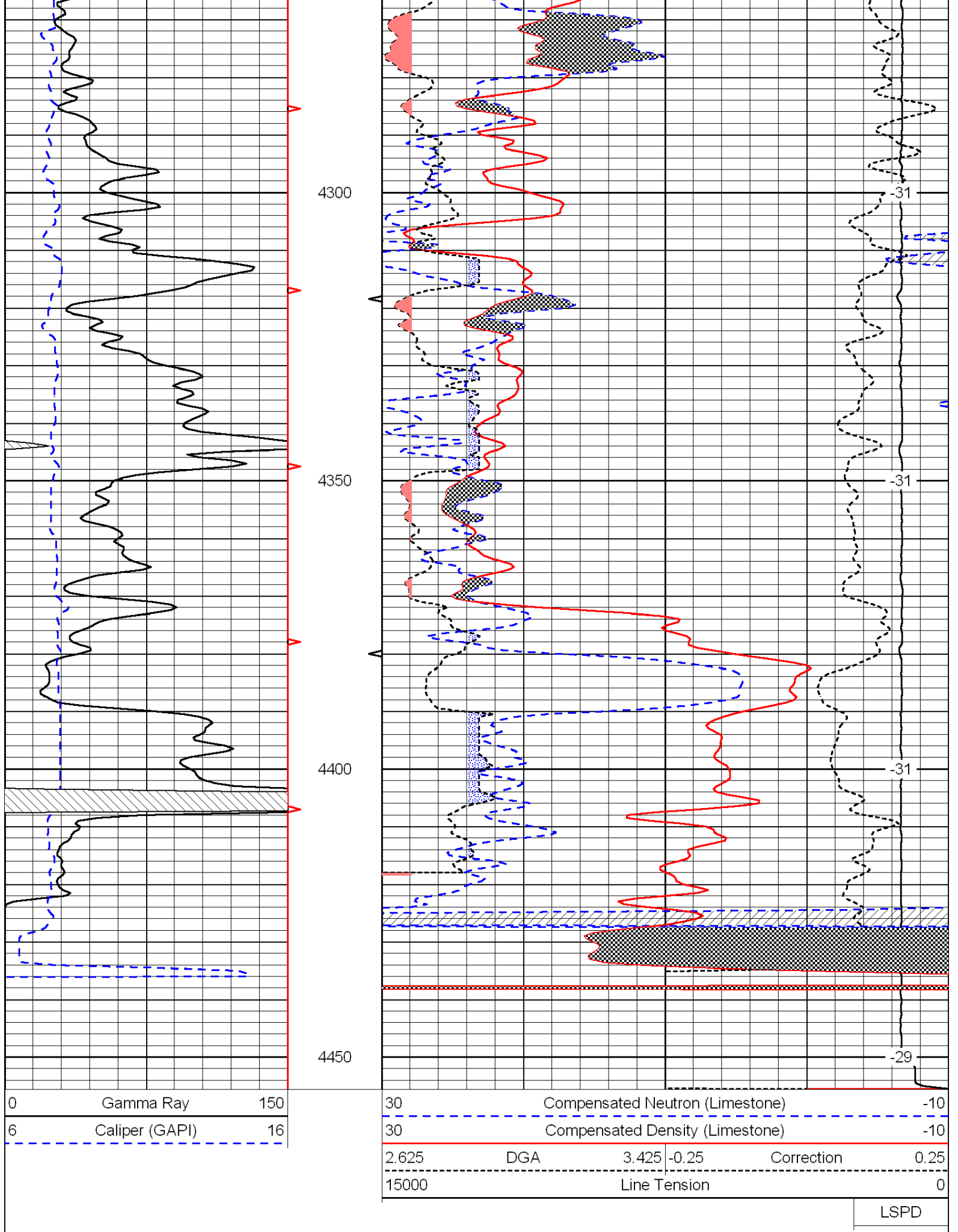














DIGITAL LOG (785) 625-3858

Microresistivity Log

API No. 15-135-25,245-00-00

Company Ares Energy, LTD
 Well Boese No. 9-16
 Field Southeast Mantz Prospect
 County Ness State Kansas

Location NE NW SE SE
 994' FSL & 911' FEL

Other Services
 CNL/CDL
 DIL/BHCS

Permanent Datum Ground Level Elevation 2167
 Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum
 Drilling Measured From Kelly Bushing

Sec: 9 Twp: 18S Rge: 21W

Elevation
 K.B. 2180
 D.F. 2167
 G.L. 2167

Date	5/31/2011
Run Number	Two
Depth Driller	4450
Depth Logger	4449
Bottom Logged Interval	4448
Top Log Interval	3300
Casing Driller	8.625 @ 317
Casing Logger	311
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	8800
Density / Viscosity	9.2 58
pH / Fluid Loss	8.0 9.6
Source of Sample	Flowline
Rm @ Meas. Temp	.30 @ 83
Rmf @ Meas. Temp	.23 @ 83
Rmc @ Meas. Temp	.41 @ 83
Source of Rmf / Rmc	Charts
Rm @ BHT	.21 @ 121
Operating Rig Time	4 Hours
Max Rec. Temp. F	121
Equipment Number	10
Location	Hays
Recorded By	J. Long
Witnessed By	Justin Carter

<<< 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

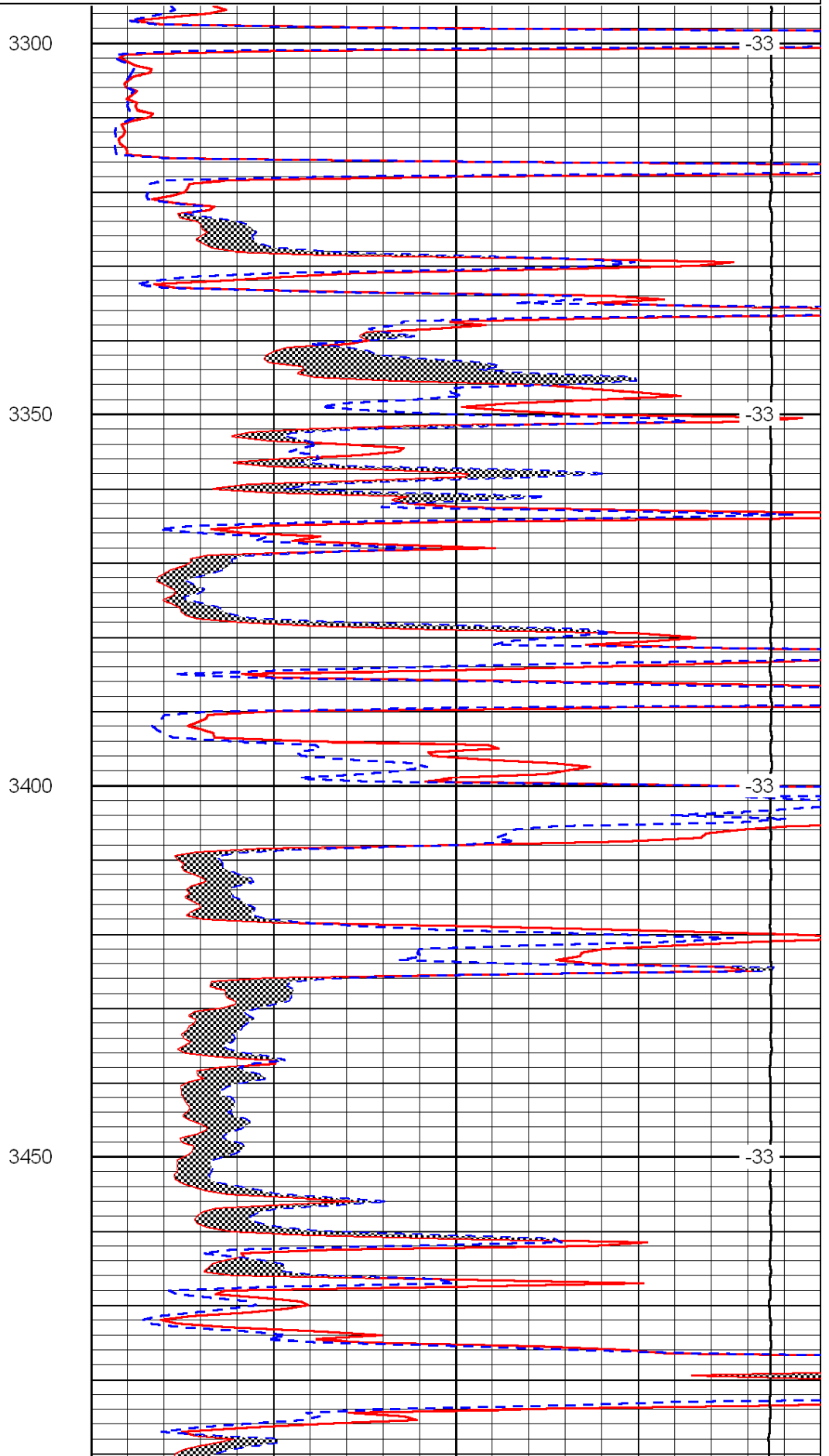
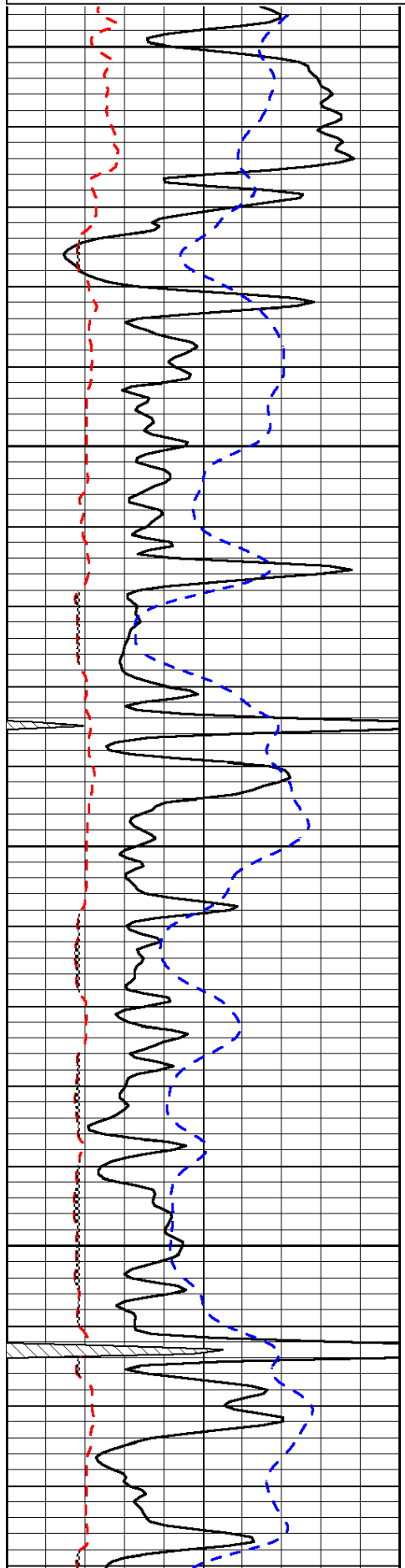
Thank you for using Log-Tech, Inc.
 (785) 625-3858

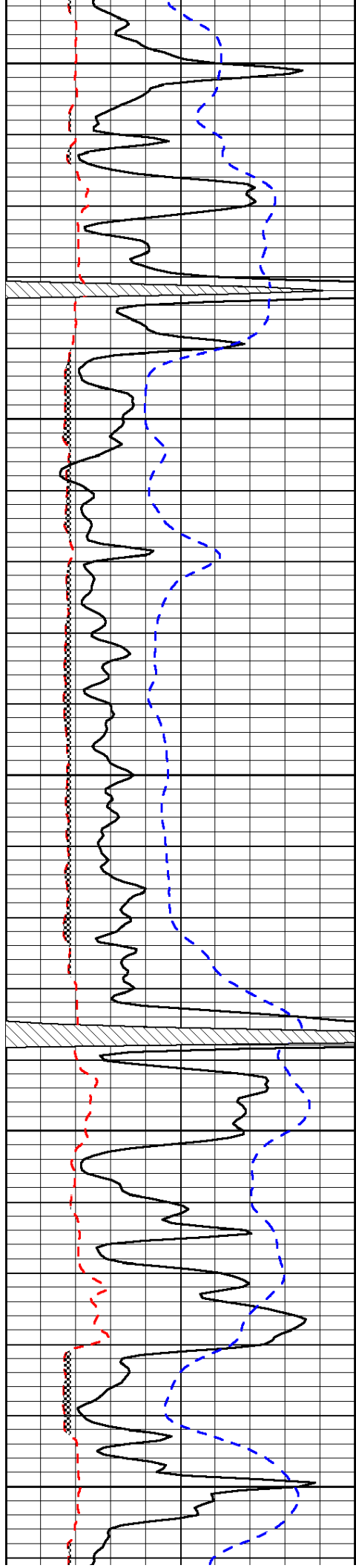
Bazine, 3 North to 160 Road, 3 East to GG Road, 200 Yards North, West Into

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





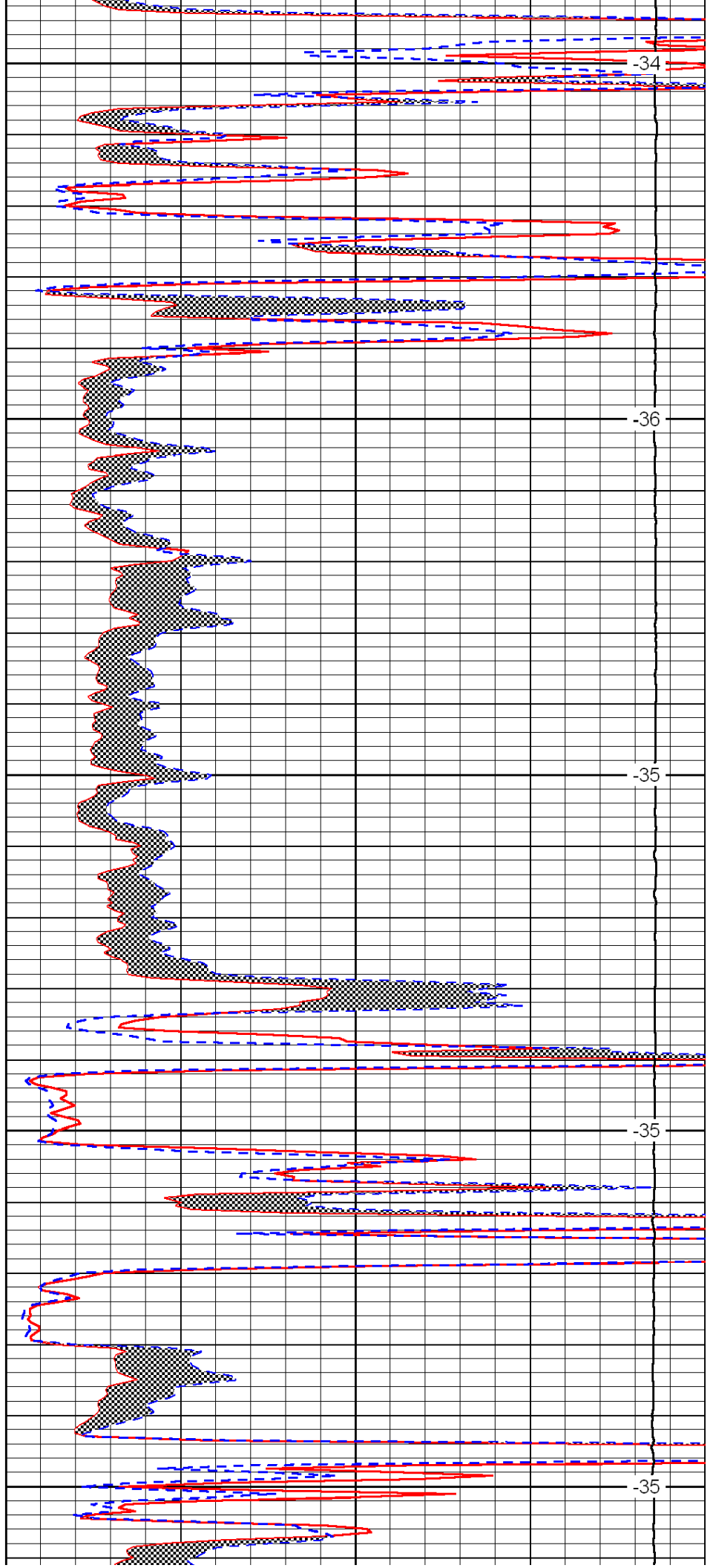
3500

3550

3600

3650

3700



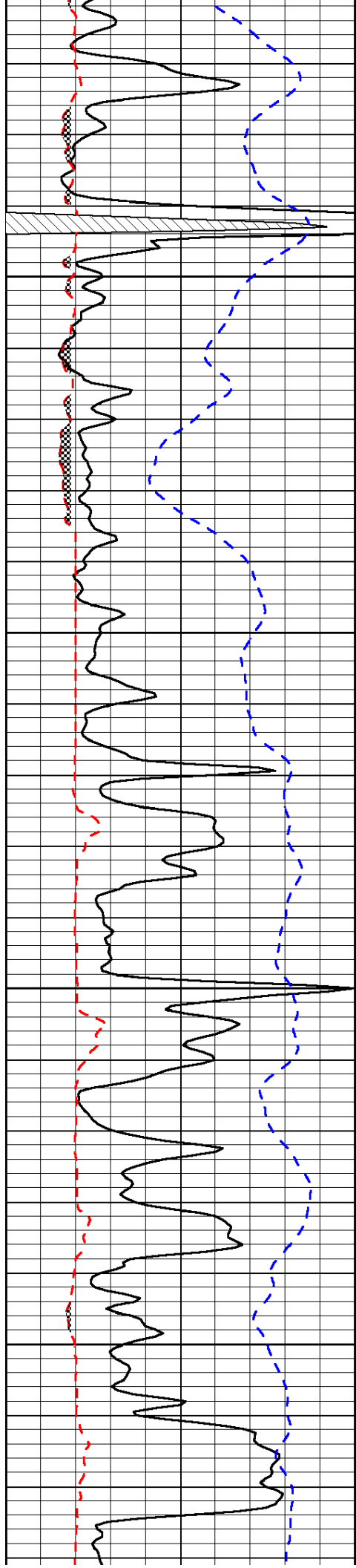
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-35

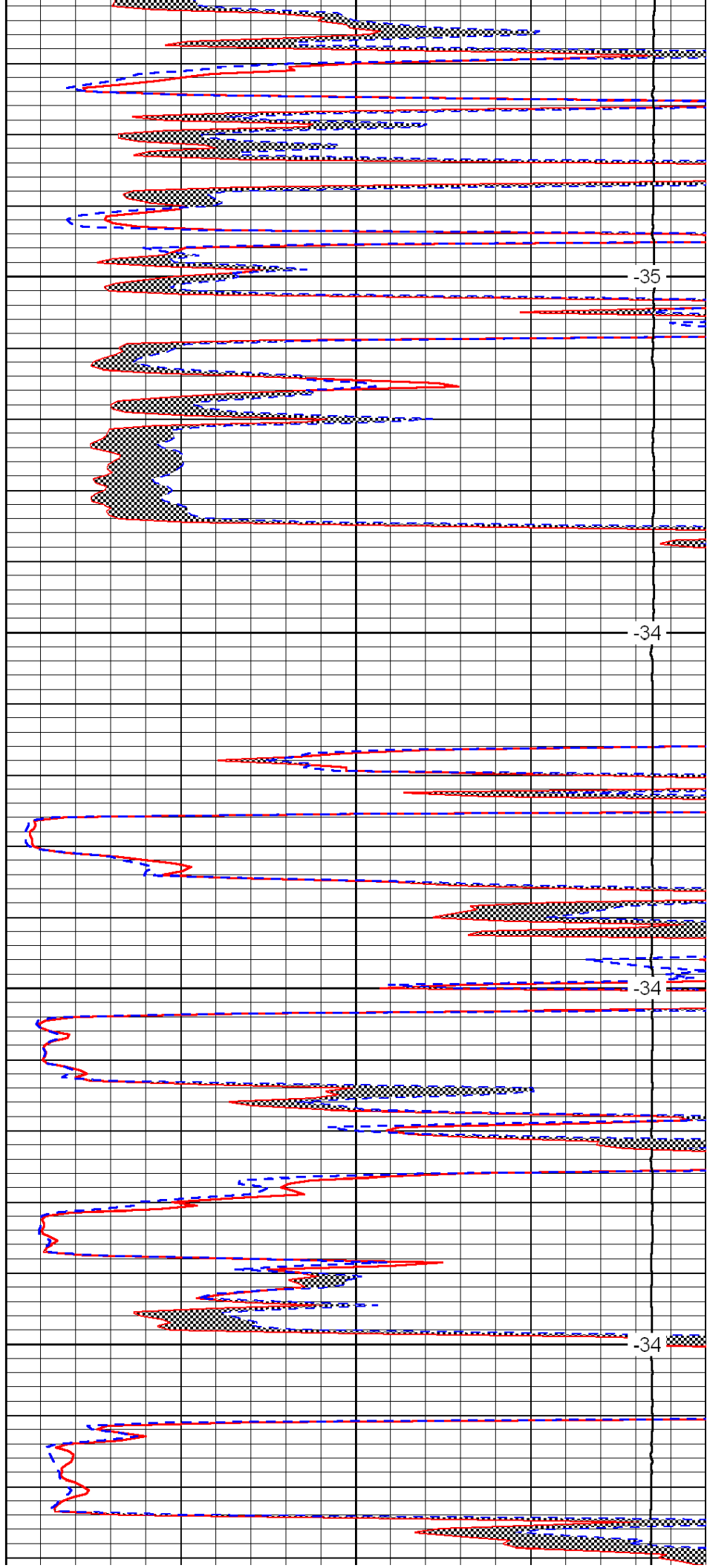


3750

3800

3850

3900

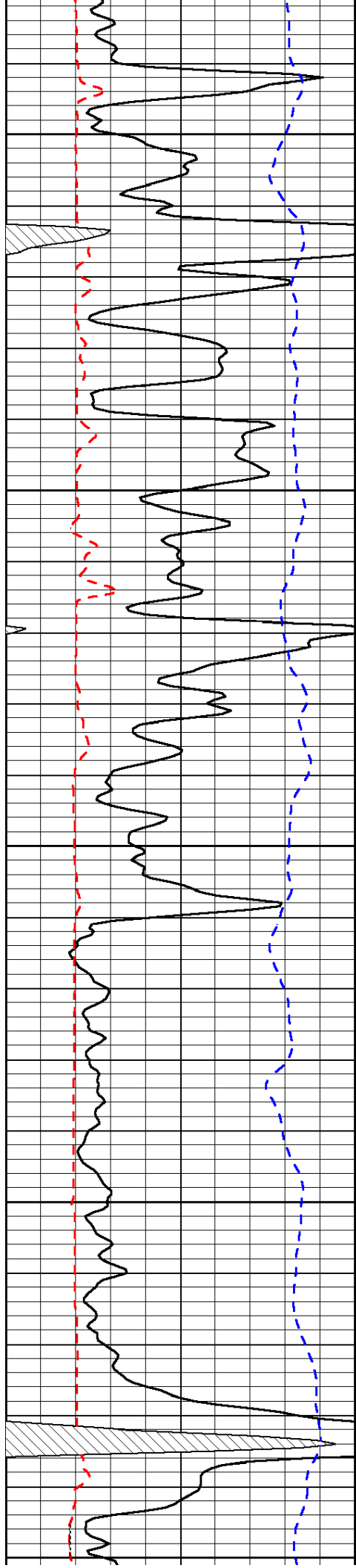


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-34

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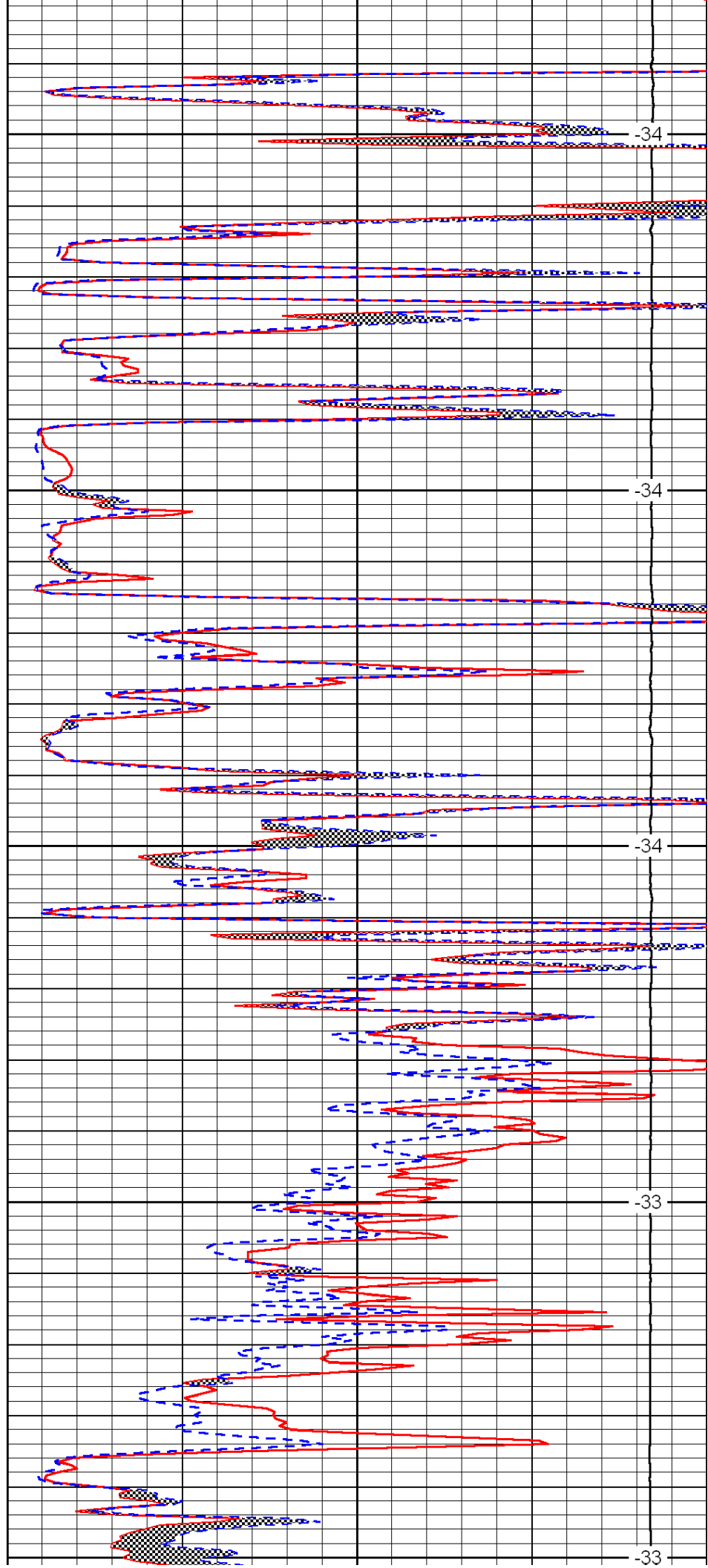
3950

4000

4050

4100

4150



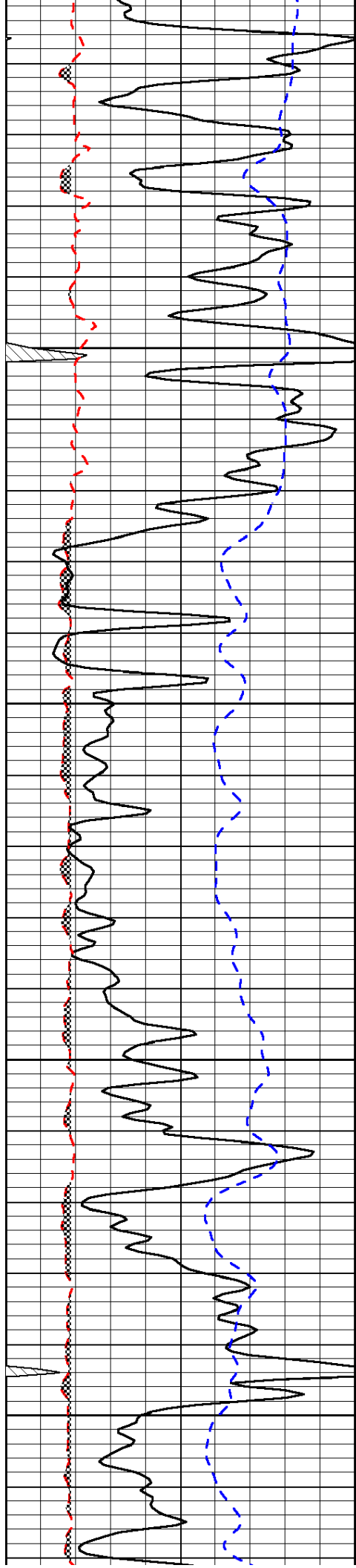
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-33

-33

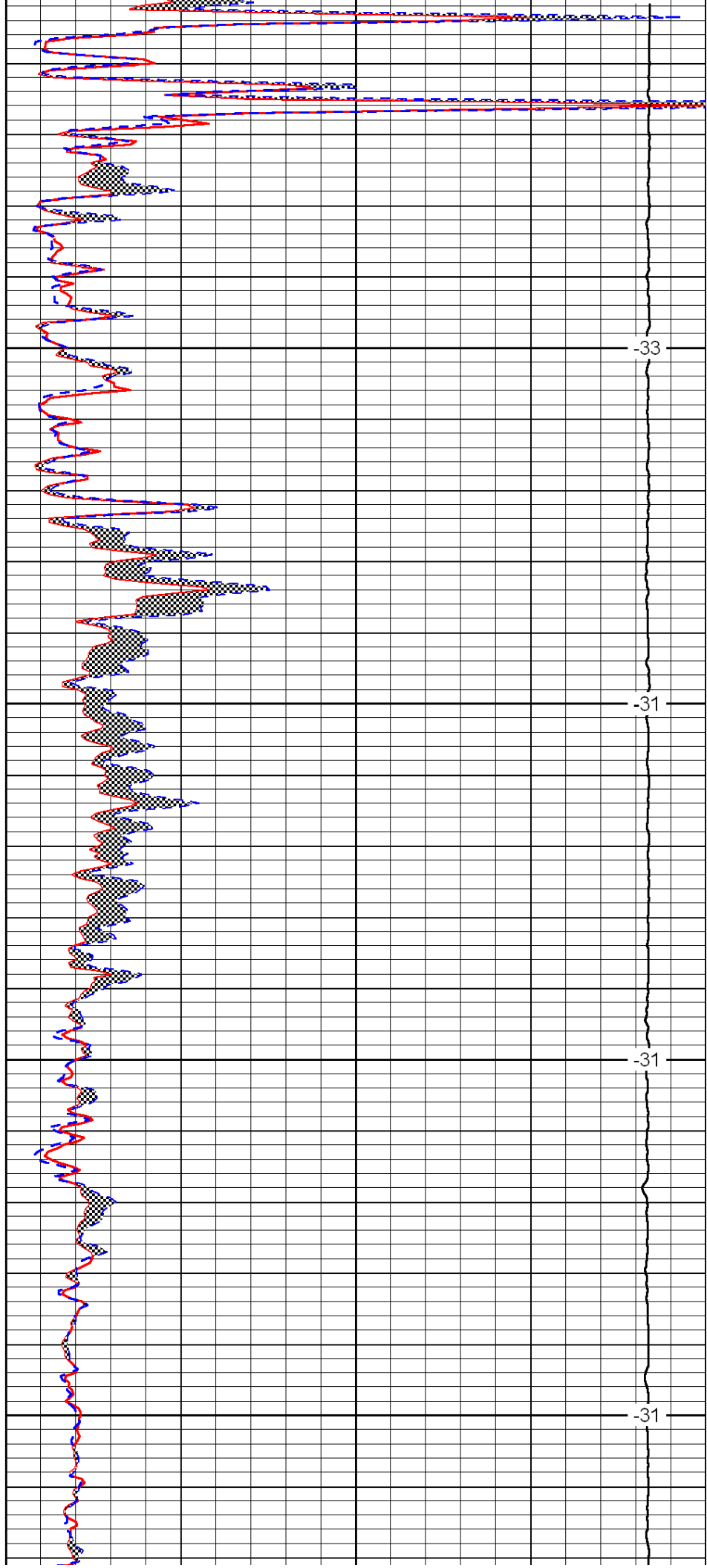


4200

4250

4300

4350

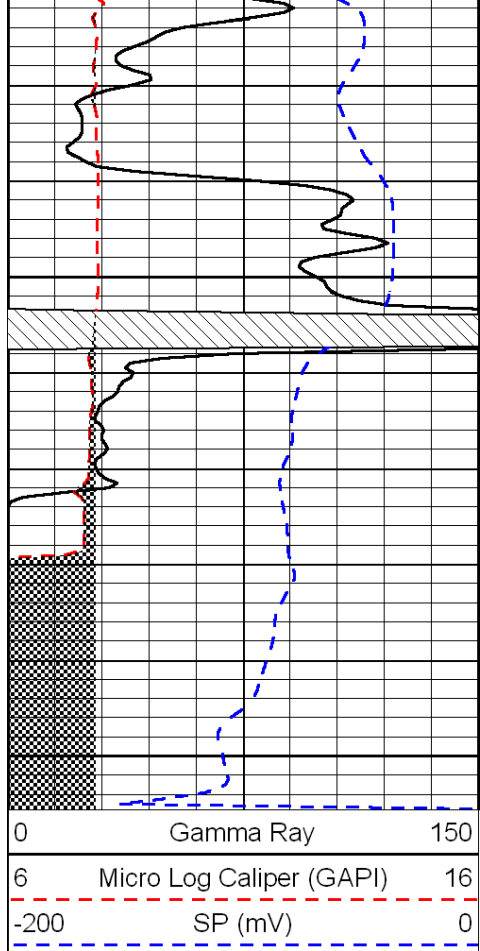


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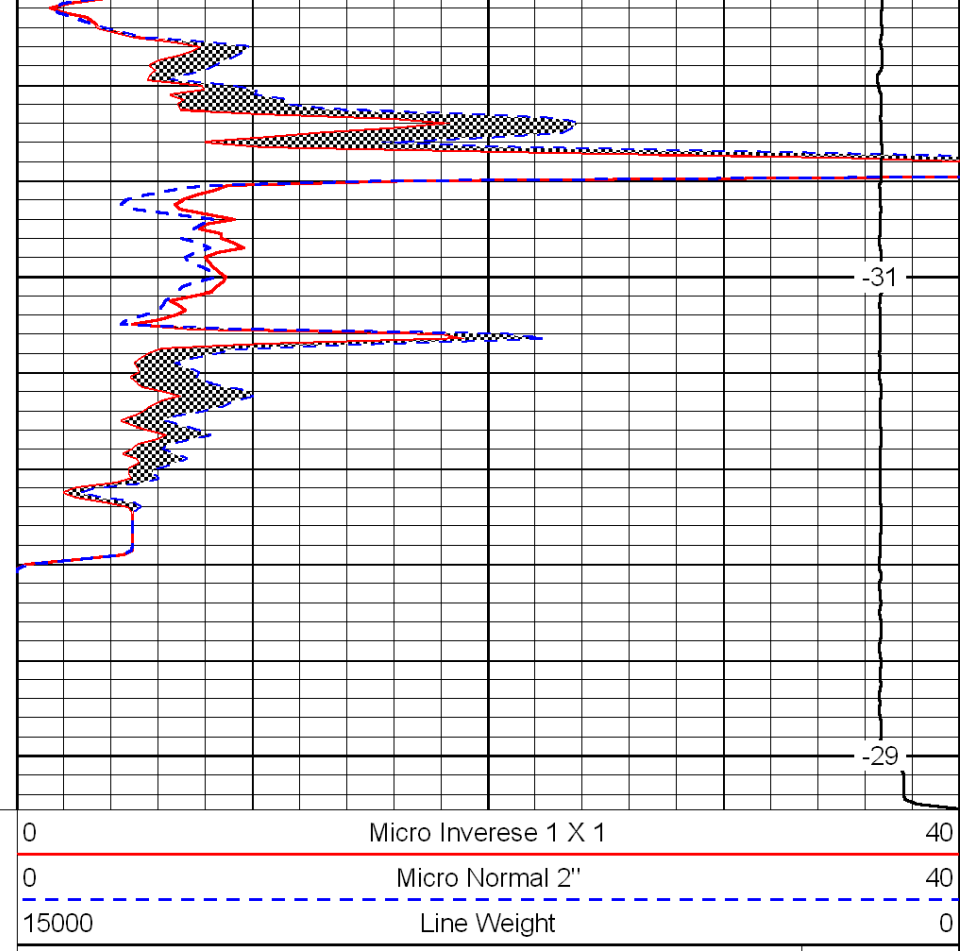
-31



4400

4450

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



-31

-29

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

LSPD

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: BOESE 9-16
Location: NE, NW, SE, SE Sec 9 - 18S - 21W, Ness Co., KS
License Number: 15-135-25245-0000
Spud Date: 05/23/11
Surface Coordinates: 994' FSL & 991' FEL
X: 1672478, Y: 668600
Region: Wildcat
Drilling Completed: 05/31/11
Bottom Hole Coordinates:
Ground Elevation (ft): 2167' K.B. Elevation (ft): 2180'
Logged Interval (ft): 3300' To: 4450' Total Depth (ft): 4450'
Formation: FT. SCOTT, MISS., VIOLA
Type of Drilling Fluid: Chemical Mud

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: ARES ENERGY, LTD
Address: 405 N. Marienfield, Suite 250
Midland, TX 79701
Co. Rep.: Mr. Henry Clanton

GEOLOGIST

Name: Tim Hedrick / Justin Carter
Company:
Address: 1020 N. Jordan Ave.
Liberal, KS 67901
Home: 620-624-2842, Cell: 620-655-1187

DST #1

4128' - 4154' 30-60-30-90
IF: WK SURFACE BLOW, DIED 12 MIN., ISI: NO BB, FF: DEAD, FSI: NO BB
IF: 16-17, FF: 17-18, ISI: 31, FSI: 30, IH: 2053, FH: 1957
RECOV: 1' TOTAL, 1' MUD
BHT: 111 DEG

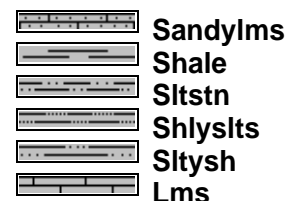
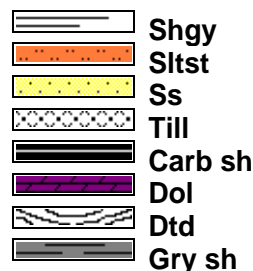
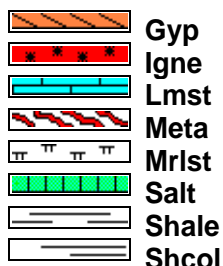
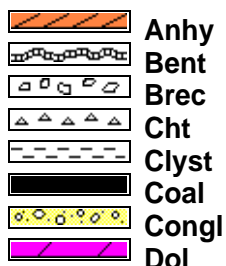
DST #2

4224' - 4245' STRADDLE 15-60-60-120
IF: BOB 4 MIN., ISI: 7" ON BB, FF: PLUGGED, WK BLOW, BUILT TO 3", FSI: NO BB
IF: 78-129, FF: 162-1235 (PLUGGED): ISI: 1222, FSI: 1249, IH: 2165, FH: 2002
RECOV: 310' TOTAL, 95' CO, 95' GW&MCO, 120' SGO CM, 310' GIP
BHT: 120 DEG, GRAV: 37 DEG

DST #3

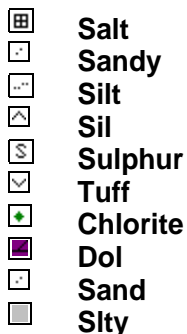
4224' - 4240' STRADDLE 15-60-45-90
IF: BOB 4.5 MIN., ISI: 4" BB, FF: BOB 4 MIN., FSI: BOB 14 MIN.
IF: 29-131, FF: 121-260, ISI: 1221, FSI: 1178, IH: 2209, FH: 2017
RECOV: 690' TOTAL, 630' CO, 60' GOCM, 710' GIP
BHT: 123 DEG, GRAV: 38 DEG

ROCK TYPES

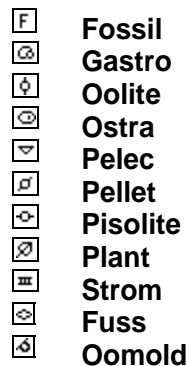
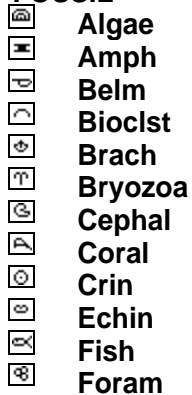


ACCESSORIES

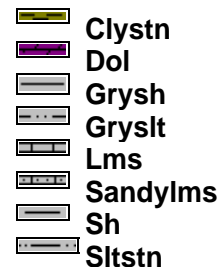
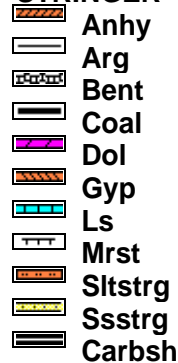
MINERAL



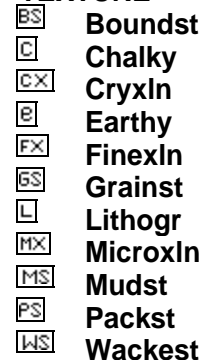
FOSSIL



STRINGER

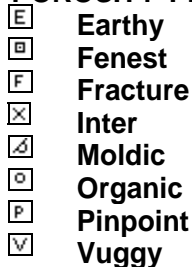


TEXTURE



OTHER SYMBOLS

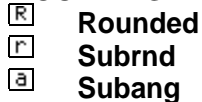
POROSITY TYPE



SORTING



ROUNDING



OIL SHOWS

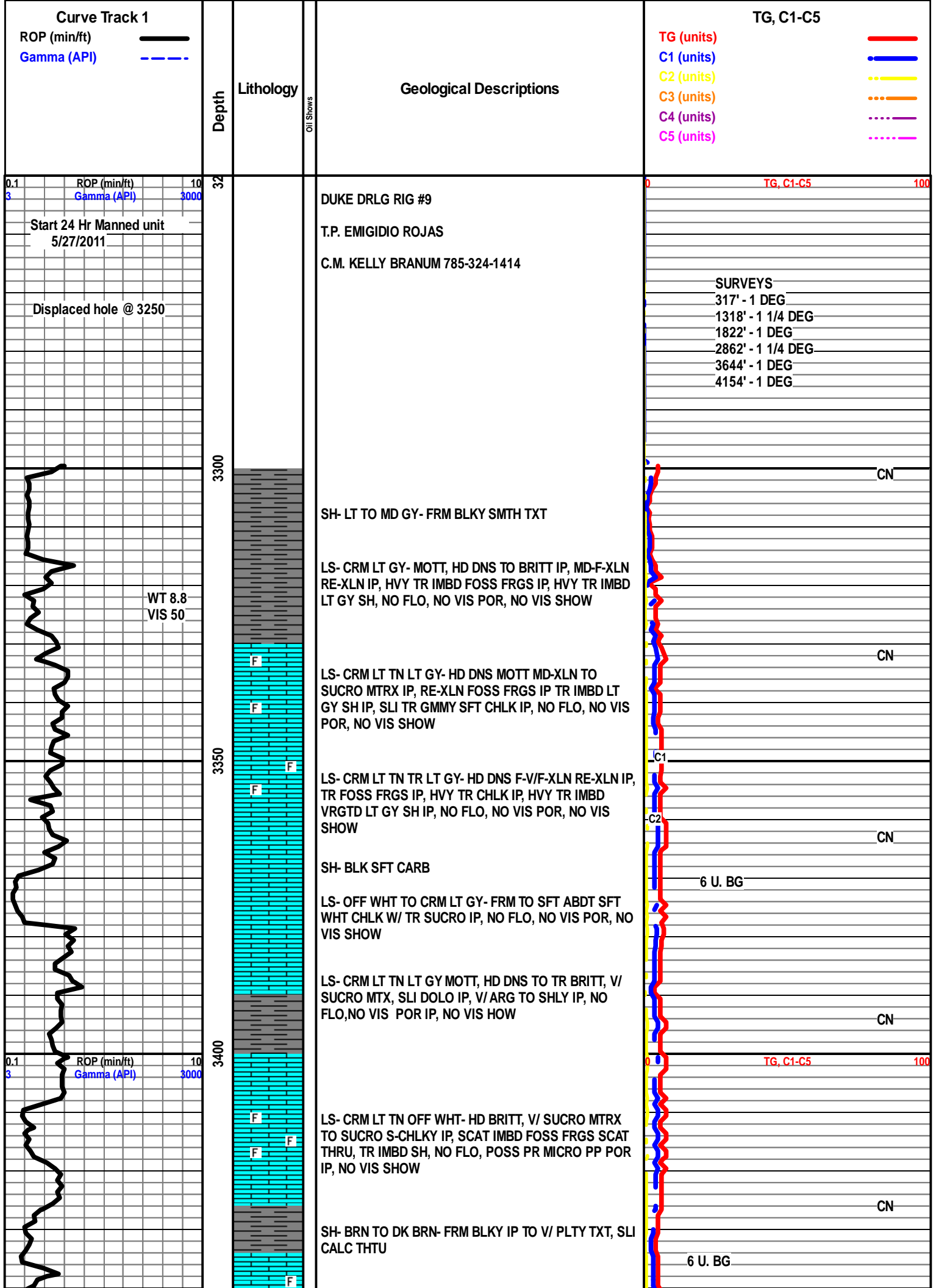


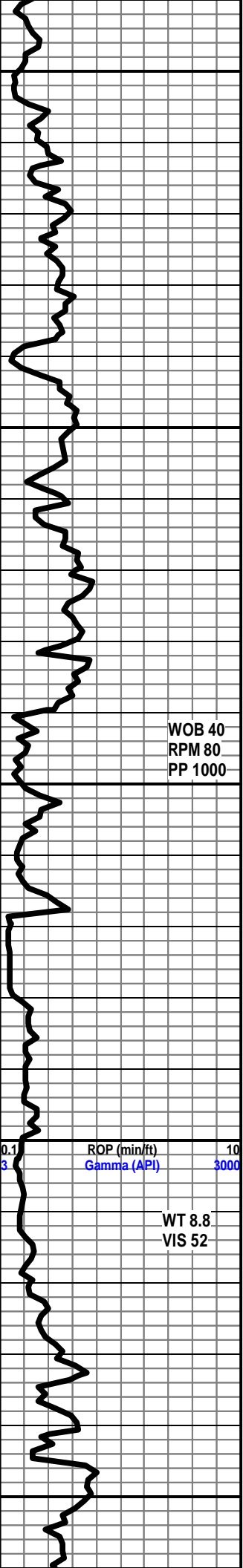
INTERVALS



EVENTS







3450
3500
3550
3600
3650

WOB 40
RPM 80
PP 1000

ROP (min/ft) 10
Gamma (API) 3000

WT 8.8
VIS 52

LS- LT TN TN GY TO DK GY- HD DNS TO BRITT , MOTT,
V/ TT SUCRO MTRX, V/ ARG TO SHLY THRU, SCAT
FOSS FRGS IP, NO FLO, NO VIS POR, NO VIS SHOW

SH- BLK SFT CARB TO V/ DK GY

LS- OFF WHT CRM LT TN - HD DNS IP F-XLN S-SUCRO
TO V/ SFT CHLKY IP , IMBD FOSS FRGS IP, LT YEL MIN
FLO IP, NO VIS POR, NO VIS SHOW

LS- OFF WHT TO WHT- ABDT SFT WHT CHLK TO ABDT
SFT GMMY CHLK, NO FLO , NO VIS POR, NO VIS SHOW

SH- LT TO MD GY- FRM BLKY MICA TO V/ SFT SLTY
LOOKING , V/AREN IP V/V/F- GRN QURTZ, NO FLO, NO
VIS POR, NO VIS SHOW

LS- CRM LT TN TN- HD DNS TO TR BRITT, F-V/F-XLN TO
MD-F-XLN RE-XLN IP, FOSS FRGS IP, SLI TR WHT
CHLK, WHT TN CHRT, NO FLO, NO VIS POR, NO VIS
SHOW

LS- CRM LT TN TN- HD TO V/BRITT, MD-F-XLN RE-XLN
MTRX, ABDT IMBD SMLL CALC XLS THRU, IMBD FOSS
FRGS SCAT THRU, ABDT SFT WHT CHLK IP, DLL YEL
MIN FLO. FR VIS INTER-XLN POR TO FR SCAT VUG
POR, NO VIS SHOW

LS- LT TN TN- HD V/ BRITT, MD-F-XLN RE-XLN MTRX,
FOSS IP, V/ OOLMLD , IMBD SMLL CALC XLS THRU,
BRIT YEL MIN FLO, TR SFT WHT CHLK IP, GD VIS
OOLMLD POR, FR MICRO VUG POR IP, NO VIS SHOW

LS- LT TN DK TN- HD DNS TO V/ BRITT, MD-F-XLN,
RE-XLN MTRX, V/ MICRO OOLMLD TO OOLMLD, SMLL
CALC XLS IP TR FOSS FRGS IP, BRIT YEL MIN FLO, FR
TO GD SCAT OOLMLD POR THRU, NO VIS SHOW

LS- OFF WHT TO CRM- HD TO MD HD, V/SUCRO
S-CHLKY MTRX, TR PHNTM FOSS FRGS IP, LT YEL MIN
FLO, NO VIS POR, NO VIS SHOW

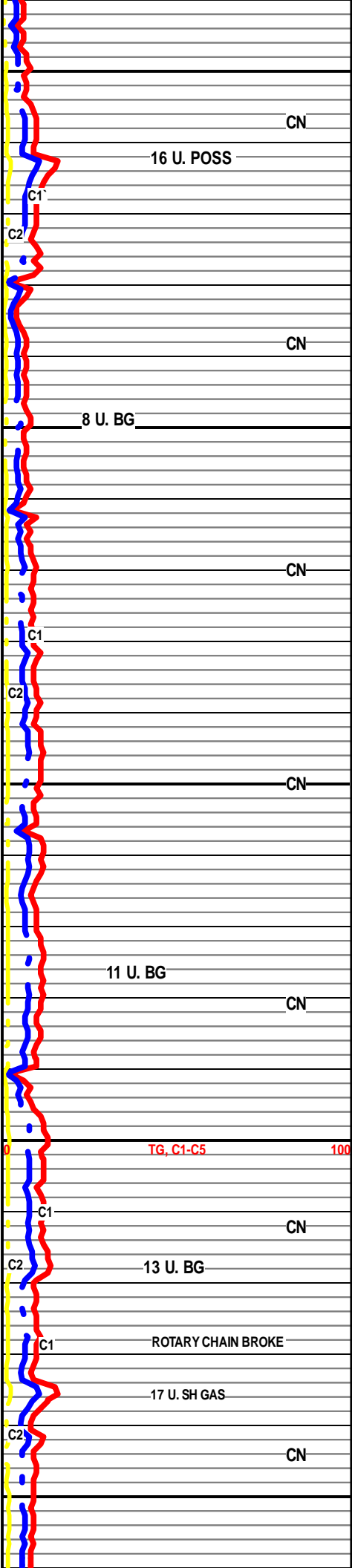
LS- CRM BFF- HD TO MD HD , SUCRO TO SUCRO SLI
S-CHLKY IP, MD-XLN IP, SMLL CALC XLS IP, TR FOSS
FRGS, LT YEL MIN FLO, PR SCAT MICRO VUG POR, NO
VIS SHOW

HEEBNER 3633' - 1453'

SH- BLK SFT CARB

LS- CRM LT TN LT GY- MOTT IP, HD DNS TO SLI BRITT,
MD-F-XLN, TR FOSS FRGS IP, TR IMBD DISS LT GY SH
IP, NO FLO, NO VIS POR, NO VIS SHOW

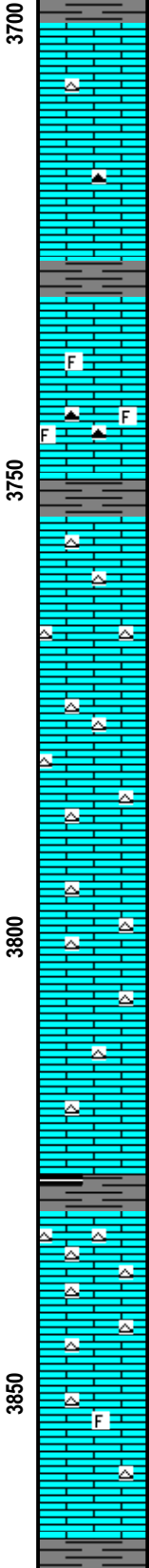
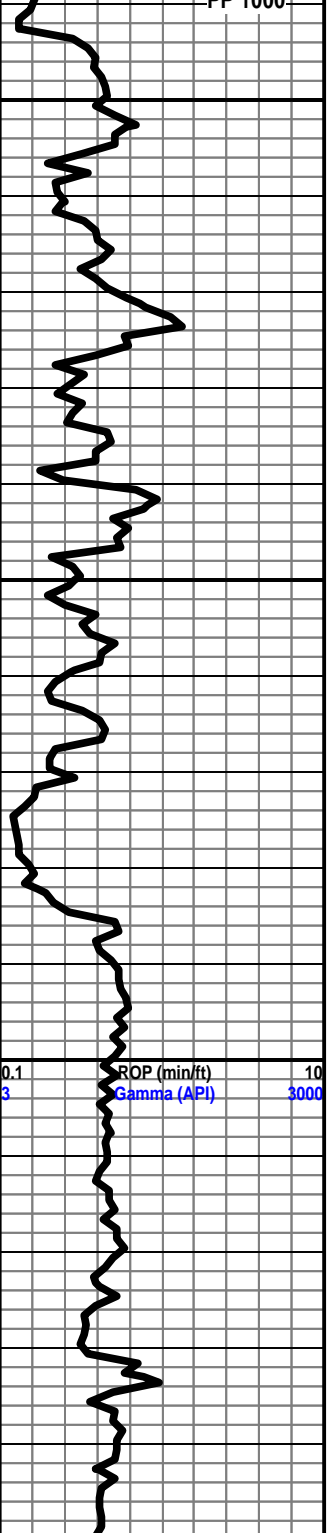
LS- LT TN TN- HD DNS F-V/F-XLN RE-XLN MTRX, ABDT
IMBD WHT CHRT, HVY TR ABDT SFT WHT CHLK, DLL
YEL MIN FLO, NO VIS POR, NO VIS SHOW



CN
16 U. POSS
C1
C2
CN
8 U. BG
CN
C1
C2
CN
11 U. BG
CN
TG, C1-C5 100
C1
CN
13 U. BG
C2
C1
ROTARY CHAIN BROKE
17 U. SH GAS
C2
CN

LANSING 3674' - 1494'

WOB 40
RPM 80
PP 1000



LS- OFF WHT CRM BFF- HD TO BRITT, MD-XLN TO SUCRO IP, SLI RE-XLN TR FOSS FRGS IP, SMLL CALC XLS IMBD IP, HVY TR ABDT SFT WHT CHLK, LT YEL MIN FLO, PR VIS PP POR IP, NO VIS SHOW

LS- CRM OFF WHT- HD DNS TO BRITT IP, F-XLN IP TO S-SUCRO IP, TR WHT ORNGE CHRT IP, SLI TR SFT WHT CHLK, NO FLO, SLI TR PR MICRO PP POR IP, NO VIS SHOW

SH- MD GY- FRM BLKY SMTH TXT

LS- OFF WHT CRM, MD-XLN RE-XLN MTRX, ABDT IMBD FOSS AND FOSS FRGS , IMBD SMLL CALC XLS, HVY TR WHT CHRT, ABDT IMBD SFT WHT CHLK SCAT THRU, V/ DLL YEL MIN FLO, PR SCAT INTER FOSS POR, TR MICRO VUG POR IP, NO VIS SHOW

SH- MD TO DK GY- FRM BLKY SMTH TXT TO TR BLK SFT CARB

LS- OFF WHT CRM- HD DNS SLI TR BRITT, MD-F-XLN , IMBD SMLL CALC XLS , ABDT IMBD WHT TRNLSCNT CHRT, HVY TR ABDT SFT WHT CHLK IP, NO FLO, NO VIS POR, NO VIS SHOW

LS- OFF WHT CRM- MD HD TO SFT , V/ SUCRO S-CHLKY MTRX W/ ABDT WHT TN CHRT, ABDT SFT WHT CHLK, TR OOLMLD IP, LT YEL MIN FLO, SCAT OOLMLD POR IP, NO VIS SHOW OR CUT

LS- OFF WHT WHT- HD DNS MD-F-XLN RE-XLN IP, ABDT IMBD SMLL CALC XLS IP, ABDT TN WHT CHRT, NO FLO, NO VIS POR, NO VIS SHOW

LS- CRM LT TN HD DNS F-V/F-XLN , MD-XLN IP, TR SFT WHT CHLK IP, ABDT WHT TN CHRT, LT YEL MIN FLO IP TO NO FLO, NO VIS POR, NO VIS SHOW

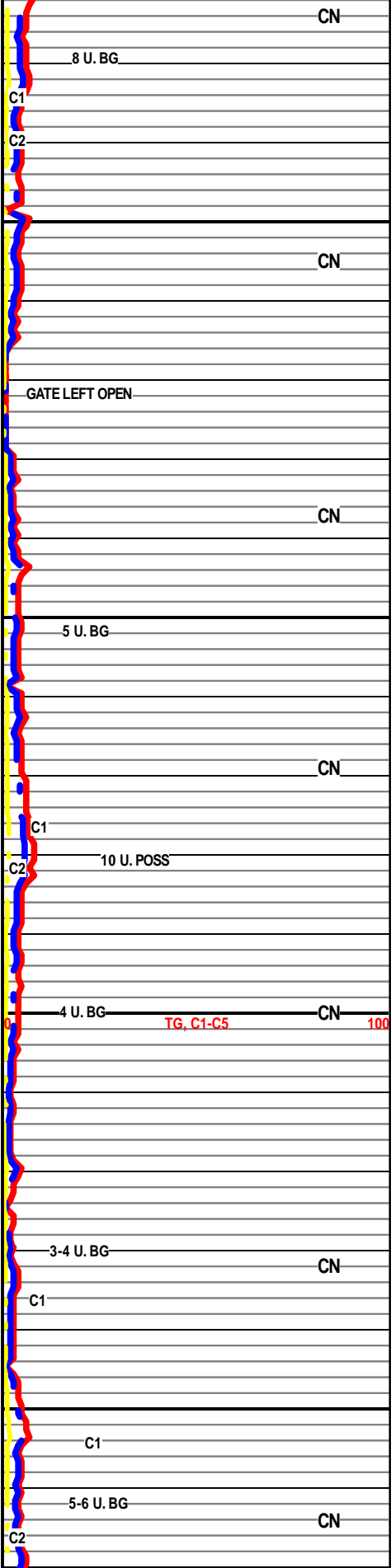
SH- DK GY - FRM BLKY SMTH TXT TO BLK SFT CARB W/ FNLY DISS PYR IP

LS- CRM BFF- HD DNS V/F- CRYPTO-XLN, SLI TR CHLK IP, ABDT TN WHT CHRT, NO FLO, NO VIS POR, NO VIS SHOW

LS- WHT OFF WHT- HD DNS F-V/F-XLN CRYPTO-XLN IP, WHT TN CHRT, TR FREE FOSS IP, NO FLO, NO VIS POR, NO VIS SHOW

SH- DK GRN GMMY TO SLTY TXT IP, TR RD SH IP

LS- OFF WHT LT TN- HD DNS TO BRITT IP, F-V/F-XLN TO SUCRO S-CHLKY IP, TR FOSS FRGS IP, LT YEL MIN FLO



WT 9.2
VIS 50

WOB 40
RPM 80
PP 1000

SUCRO S-CHLKY IP, TR FOSS FRGS IP, LT YEL MIN FLO IP, NO VIS POR, NO VIS SHOW

LS- OFF WHT TO LT TN - HD V/ BRITT, MD-F-XLN RE-XLN MTRX, V/ OOLMLD TO SLI OOL IP, ABDT SFT WHT CHLK IP, BRIT YEL MIN FLO, FR TO GD OOLMLD POR, NO VIS SHOW OR CUT

CN

LS- LT TN LT GY HD DNS MOTT, F-V/F-XLN CRYPTO-XLN IP, ABDT WHT TN CHRT, NO FLO, TO TR BRIT YEL MIN FLO, NO VIS POR, NO VIS SHOW

LS- CRM BFF- HD DNS TO BRITT IP, MD-XLN TO V/ TT SUCRO MTRX, SLI S-CHLKY IP, NO FLO, NO VIS POR, NO VIS SHOW

CN

LS- CRM LT TN TN- HD DNS F-XLN TO TT SUCRO IP, TRNSLCNT TN CHRT, LT BRIT YEL IN FLO, NO VIS POR, NO VIS SHOW

2-4 U. BG

LS- OFF WHT CRM BFF- HD TO MD HD, V/ TTSUCRO MTRX IP TO S-CHLKY IP, ABDT SFT CHLK IP, TN CHRT, NO FLO, NO VIS POR, NO VIS SHOW

CN

GAS TEST

SH- BLK SFT CARB

16 UN SH GAS

LS- LT TN TN- HD DNS V/F-CRYPTO-XLN, S-SUCRO IP, ABDT TN WHT CHRT, NO FLO, NO VIS POR, NO VIS SHOW

BKC 3992' - 1812'

SH- GRN DK GY FRM TO RED SFT GMMY

LS- LT TN LT BRN HD DNS FN XLN, TR FOSS FRAGS, NO FLO, NO VIS POR, NO VIS SHOW

TG, C1-C5

100

LS- CRM BUFF TN HD DNS, FN TO V/FN XLN, TR FOSS IMBD IP, TR CALC XLS, LT YEL MIN FLO, NO VIS POR, NO VIS SHOW

CN

CLEAN #1 & 2 PITS

2 UIN BG

SH- LT GRN TO LT GRY, FRM, BLKY, SMTH TXT, CALC IP

PAWNEE 4052' - 1872'

SH- SFT BLACK CARB SHALE IP V/DK GRY SMTH TXT

LS- OFF WHT TO WHT, HD DNS MD XLN IP, SM CALC XLS IMBD W/ABDT SFT WHT CHLK, LT YEL MIN FLO, NO VIS POR, NO VIS SHOW

CN

LS- CRM LT TN TN, HD DNS FN TO V/FN XLN TR SUCRO ABDT TN ORNG CHRT, DLL YEL FLO, NO VIS POR, NO VIS SHOW

2 UN BG

CN

LS- OFF WHT CRM BUFF HD DNS, FN XLN TO V/TT SUCRO MTRX, TR ORNG CHRT, DLL YEL MIN FLO, NO VIS POR, NO VIS SHOW

WT 9.2
VIS 49
WOB 40
RPM 80
PP 1000

CFS@ 3982' 20 MIN.

CFS @ 3999' 30 MIN.

0.1 RPM (min/ft) 10
3 Gamma (API) 3000

12:01 AM 5/29/2011

WT 9.0
VIS 55
WOB 40

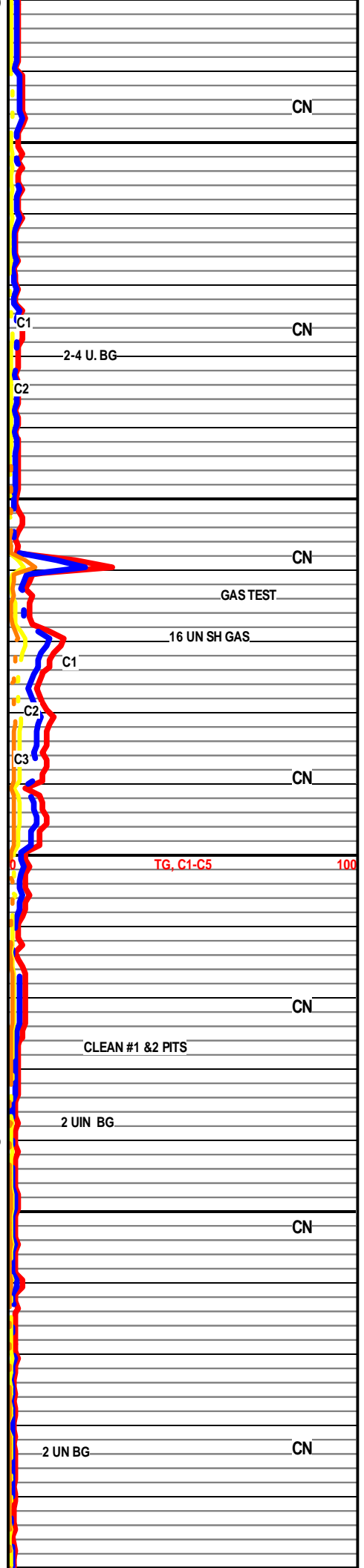
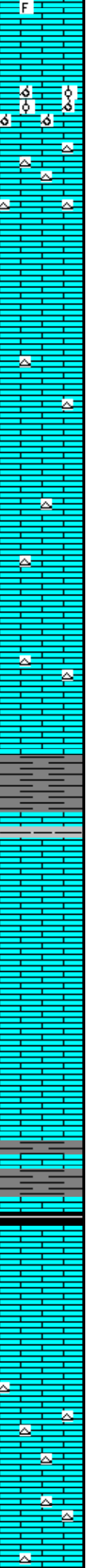
3900

3950

4000

4050

00



RPM 80
PP 1000

DST#1
4128' - 4154'

CFS @ 4154'

12:01 AM 5/30/2011

-CFS-

-CFS-

ROP (min/ft) 10
Gamma (API) 3000

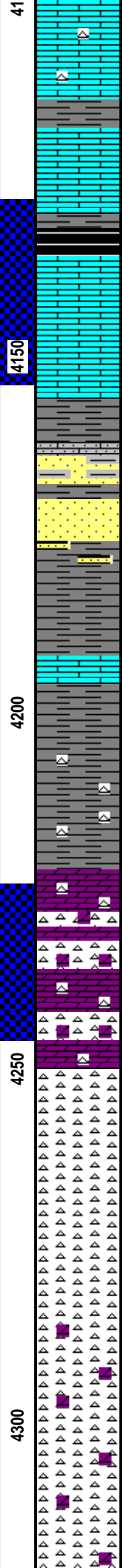
STRADDLE DST
#2
4224' - 4245'

STRADDLE
DST #3
4224' - 4240'

WT 9.6
VIS 53
WL 12.8
CHL 8,500
RPM 65
WOB 40K
PP 950

-CFS-

12:00 A.M. 05/31/11



SH- GY PRPL GRN -MOTT, FRM BLKY CALC IP

CN

LS- LT TN TN- HD DNS F-VF-XLN, FRLY NON DESCRIPT, LT YEL MIN FLO, NO VIS POR, NO VIS SHOW

FT. SCOTT 4136 - 1956'

SH- DK GY FRM BLKY TO BLK SFT CARB

37 U. SH GAS

LS- CRM LT TN TN(DUE TO LT OIL STN SCAT IN 50-60%) HD DNS TO BRITT , MD-F-XLN , RE-XLN MTRX, SMLL TO MD CALC XLS IMBD THRU, BRIT YEL GLD FLO IN 70%, DLL YEL GLD FLO IN 20%, PR TO FR VIS INTER-XLN POR, TR PR SCAT VUG POR IP, FR FLSH CUT TO FR TO GD SLO STRM MLKY BLU CUT, FR TO GD OIL ODOR

38 U. SHOW

CN

CHEROKEE 4157' - 1977'

SHLY SS- GY WHT CLR, TT TO FRI IP, MD/F-GRNS, FR SRT, SUB-ANG TO SUB-RND GRNS, ABTD IMBED GYSHLYMTRX, ABTD CLR QTZ XLS SCAT THRU, GLAUC IP, NO FLO, NO VIS CUT, FR INTER-GRN POR IPTO TR GD INTER-GRN POR, NO ODOR, NS

4172' SS- GRN FRSTY CLR, TT TO TR FRI, MD/F-GRNS, FR SRT, SUB-RND GRNS, CALC CMNT, TR LOOSE CLR QTZ XLS IN TRAY, GLAUC IP, NO FLO, NO VIS CUT, PR INTER-GRM POR SCAT THRU, NO ODOR, NS

CN

SH- GY, FRM, BLKY, LMY THRU

LS- BFF TN, HRD DNS, VF-XLN, SUCRO MTRX IP TO RE-XLN IP, NO FLO, NO VIS POR

TG, C1-C5

100

SH- RD GY PRPLE RD, SFT TO FRM IP, LMY THRU, BLKY, ABTD LS IN SAMPLES

CN

MISS. 4223' - 2043'

DOLO- WHT TN CLR, HRD DNS TO BRITT IP, MD/F-XLN, SUCRO MTRX THRU, BRIT YEL GLD FLO IN 50%, PR FLUSH CUT TO FR SLO MLKY BLU STRM CUT, TR GD INTER-XLN POR IP TO PR INTER-XLN POR THRU, STAIN IP, STRNG OIL ODOR

35 U SHOW

DOLO- WHT TN, HRD DNS, F/VF-XLN, SUCRO MTRX THRU, TR VUGS, TR SFT WHT CHLK, ABTD WHT CHRT, BRIT YEL GLD FLO IN 70%, FR FLUSH CUT TO GD FAST TO SLO BLU STRM CUT, TR INTER-VUG POR TO TR INTER-XLN POR TO NO VIS POR IP, STAIN SCAT THRU, STRNG OIL ODOR

40 U SHOW

CN

DOLO- TN, BRITT TO HRD DNS, F-XLN, SUCRO MTRX THRU, TR VUGS, WHT CHRT THRU, BRIT YEL GLD FLO THRU, GD FLUSH CUT TO GD FAST TO SLO BLU STRM CUT, FR INTER-XLN POR THRU TO TR INTER-VUG POR TO FR MICRO PP POR IP, STAIN THRU, STRNG OIL ODOR

35 U POSS SHOW

4255' CHRT- WHT, VIT, TR SFT WHT CHLK, REWORKED, TR YEL GLD FLO, V/FAINT BLU STRM CUT, NO VIS POR THRU, FAINT OIL ODOR

DUMP BOTTOMS
UP MUD, 130 U
TEST GAS

4265' CHRT- WHT, VIT, NO VIS POR, NS, FAINT OIL ODOR

CHRT- WHT, VIT, REWORKED, NO VIS POR, NS, FAINT OIL ODOR

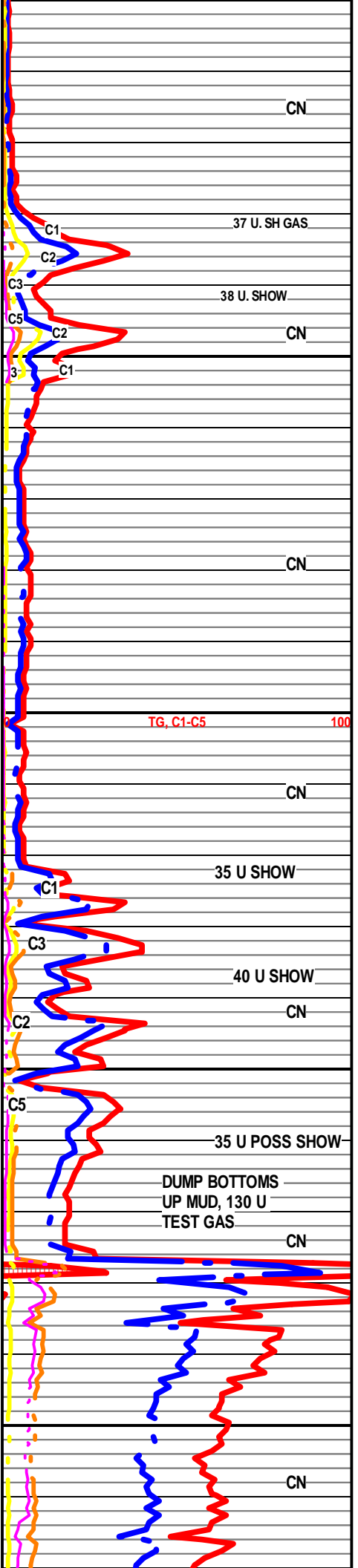
CN

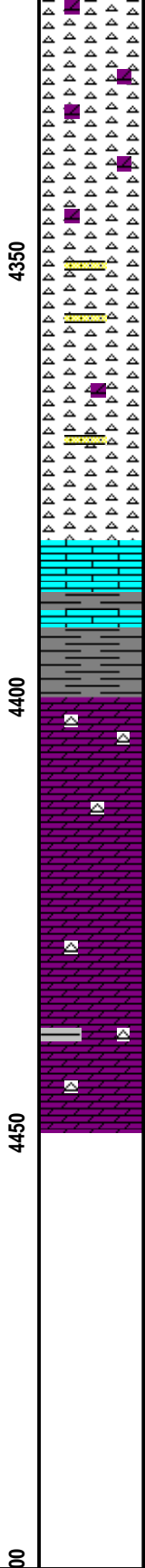
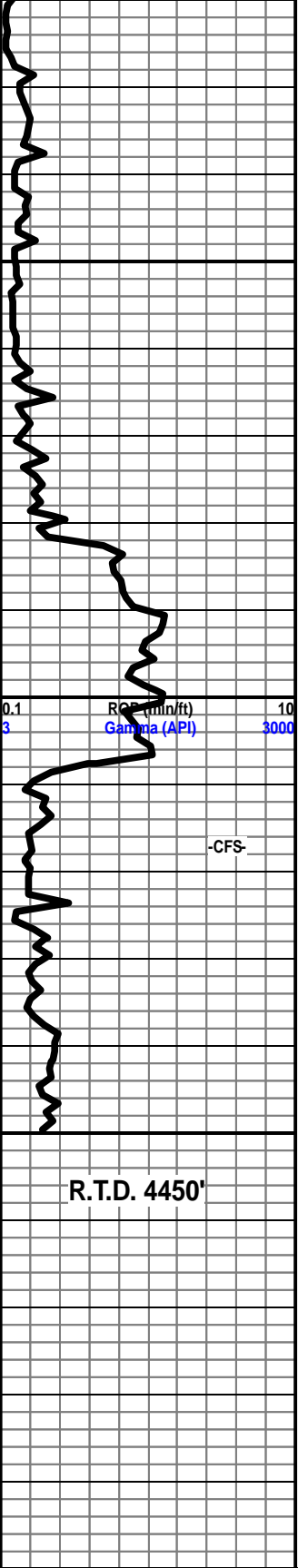
CHRT- WHT, HRD, VIT, ANG, NO VIS POR, DOLO- LT CRM TN, HRD DNS, F-XLN, SUCRO MTRX THRU, DLL YEL FLO, NO VIS CUT, PR INTER-XLN POR, NS

CHRT- WHT CLR, VIT, ANG, TR F-XLN SUCRO MTRX DOLO

CN

CHRT- WHT, VIT, ANG, SFT WHT CHLK IP, DOLO IP





CHRT- WHT, VIT, ANG, DOLO IP

SS- CLR, TT TO FR IP, MD/F-GRNS, FR SRT, SUB-RND TO RND GRNS, SILI CMNT, NO FLO, NO VIS CUT, FR/GD INTER-GRN POR THRU, NS

CHRT- WHT OFF WHT, ANG, TR DOLO, SS IP

LS- CRM TN, HRD DNS, VF/CRYPTO-XLN, RE-XLN MTRX IP, NO FLO, NO VIS POR

VIOLA 4401' - 2221'

1 SAMPLE DOLO- OFF WHT BFF, HRD DNS, MD/VF-XLN, SUCRO MTRX THRU, VUGS IP, TR GLAUC, YEL GLD FLO IN 20%, PR FLUSH CU TO FR SLO BLU STRM CUT, FR/GD INTER-XLN POR IP TO FR INTER-VUG POR IP, NO ODOR, TR STAIN

DOLO- OFF WHT, HRD DNS TO BRITT, MD/F-XLN, SUCRO MTRX THRU, NO FLO, NO VIS CUT, FR/GD INTER-XLN POR THRU, NS

DOLO- LT CRM WHT, BRITT TO HRD DNS, MD/F-XLN, SUCRO MTRX THRU, TR WHT CHRT, NO FLO, FR INTER-XLN POR THRU, NS

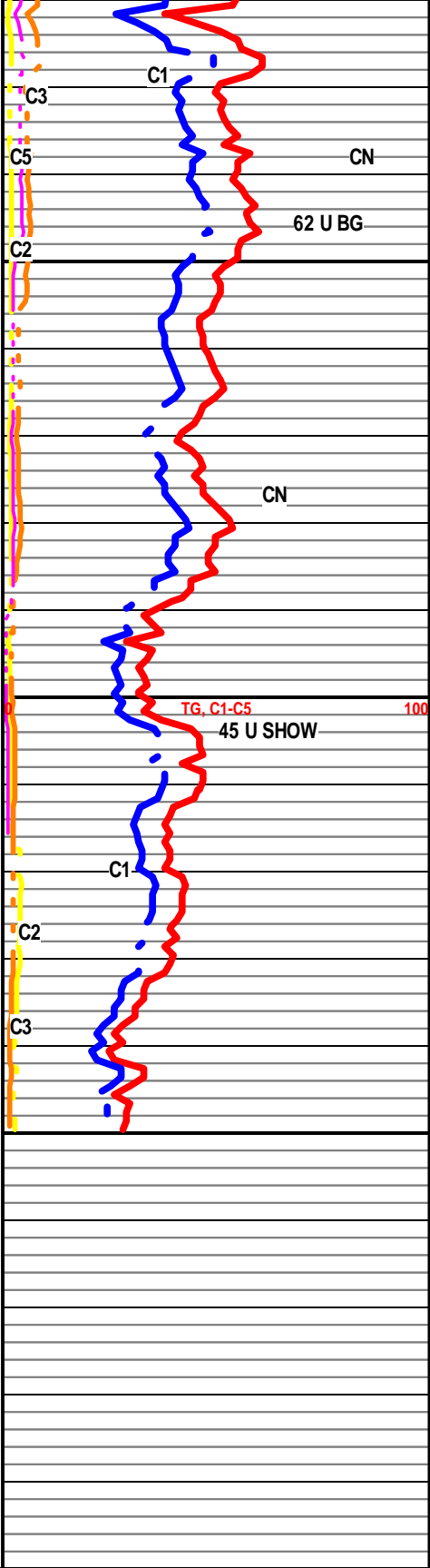
DOLO- LT TN, HRD DNS TO BRITT IP, F-XLN, SUCRO MTRX THRU, WHT CHRT IP, NO FLO, PR INTER-XLN POR SCAT THRU, NS

T.D. @ 2:50 P.M. 05/31/11

CTCH 1 1/2 HR.

T.O.H. FOR LOGS

LOG TECH HAYS



CN

62 U BG

CN

TG, C1-C5

45 U SHOW

100

C1

C2

C3

R.T.D. 4450'



Sector Bond / Gamma Ray
CCL Log

(785) 625-3858

15-135-25,245-00-00

Company Ares Energy, LTD
Well Boese No. 9-16
Field Southeast Mantz Prospect
County Ness
State Kansas

Location

994' FSL & 911' FEL

Sec: 9 Twp: 18S Rge: 21W

Other Services
Portable Mast

Elevation

Permanent Datum Ground Level Elevation 2167
Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 2180
D.F.
G.L. 2167

Run Number	One	
Date Survey	06-06-2011	
Date Cementing	06-01-2011	
Type Cementing Operation	Primary	
Depth Driller	4450	
Depth Logger	4415	
Logged Interval	4414 to 3100	to
Casing Driller	5.5" @ T.D.	@
Float Collar -- D.V. Tool	1446	////
Squeeze Depth	////	
Amount & Type Cement	////	
Amount & Type Admix	////	
Type Fluid In Hole	Water	
Fluid Level	Full	
Salinity PPM CL	////	
Weight lbgal -- Vis.	////	////
Approx. Logged Cement Top	3248	
Calculated Cement Top	////	
Max. Hole Temperature	122	
Tool No.	RBT 5-5	
Spacing Recorded	3-5	
Equipment -- Location	3 Hays	
Recorded By	Stan Linenberger	
Witnessed By	Kevin Wilson	

<<< 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

Bazine, Kansas; DD Rd. 3 Miles North to 160 Rd.,
3 East to GG Rd., 200 Yards North ,
West Into.



Port Collar @ 1446

Database File: ares energy boese 9-16.db
 Dataset Pathname: scbl/pass3
 Presentation Format: scbl
 Dataset Creation: Mon Jun 06 12:22:38 2011 by Log Std Casedhole 09061
 Charted by: Depth in Feet scaled 1:240

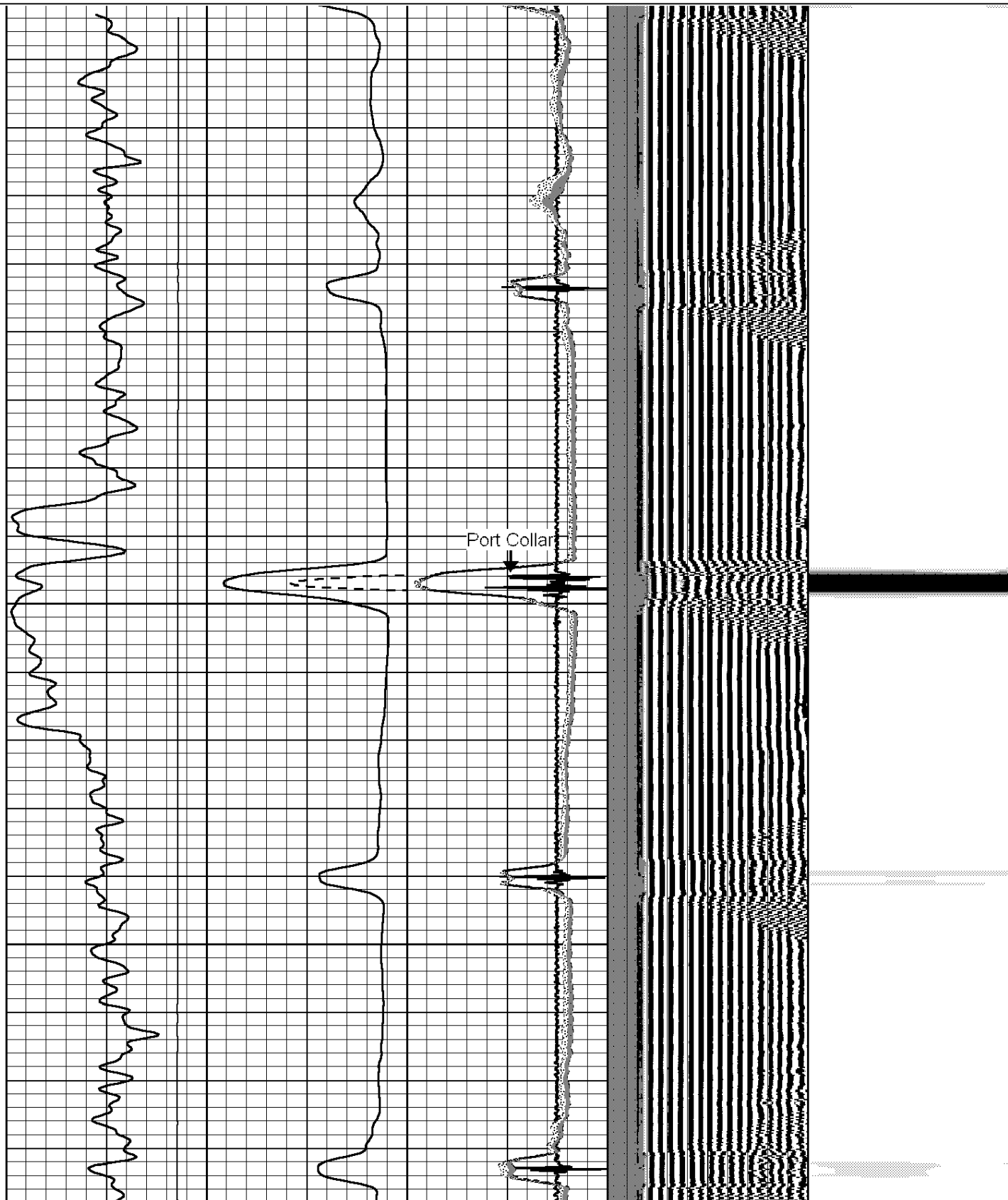
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5000	LTEN (lb)	0		Amplified Amplitude		0	AMPMAX	150				25		75
150	GR	300	0	(mV)	20	0	AMPMIN	150						
						3	CCL	-1						

1400

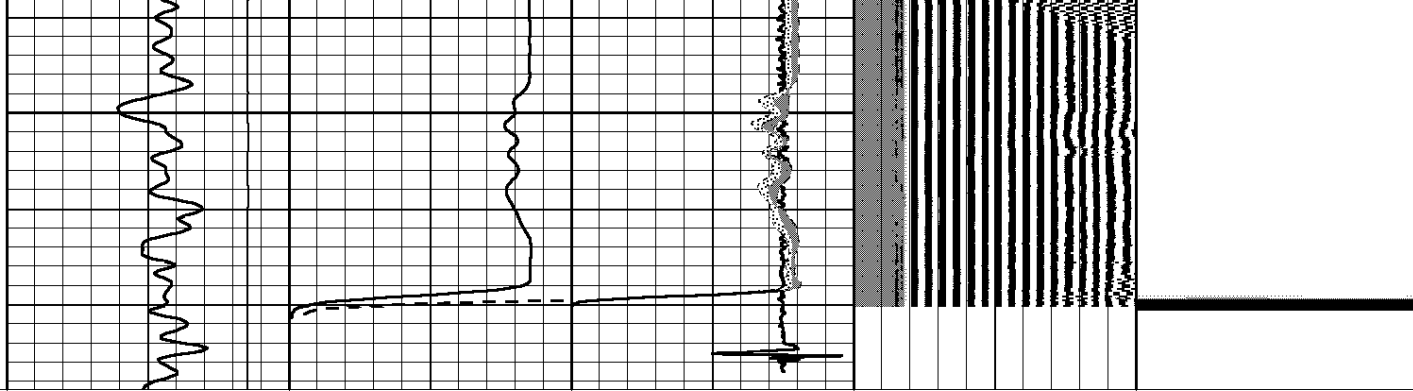
1450

1500

Port Collar



1550



0	Gamma Ray	150	0	Amplitude (mV)	100	0	AMPAVG	150	200	VDL	1200	1	Sector Map	8
5000	LTEN (lb)	0		Amplified Amplitude		0	AMPMAX	150				25		75
150	GR	300	0	(mV)	20	0	AMPMIN	150						
						3	CCL	-1						



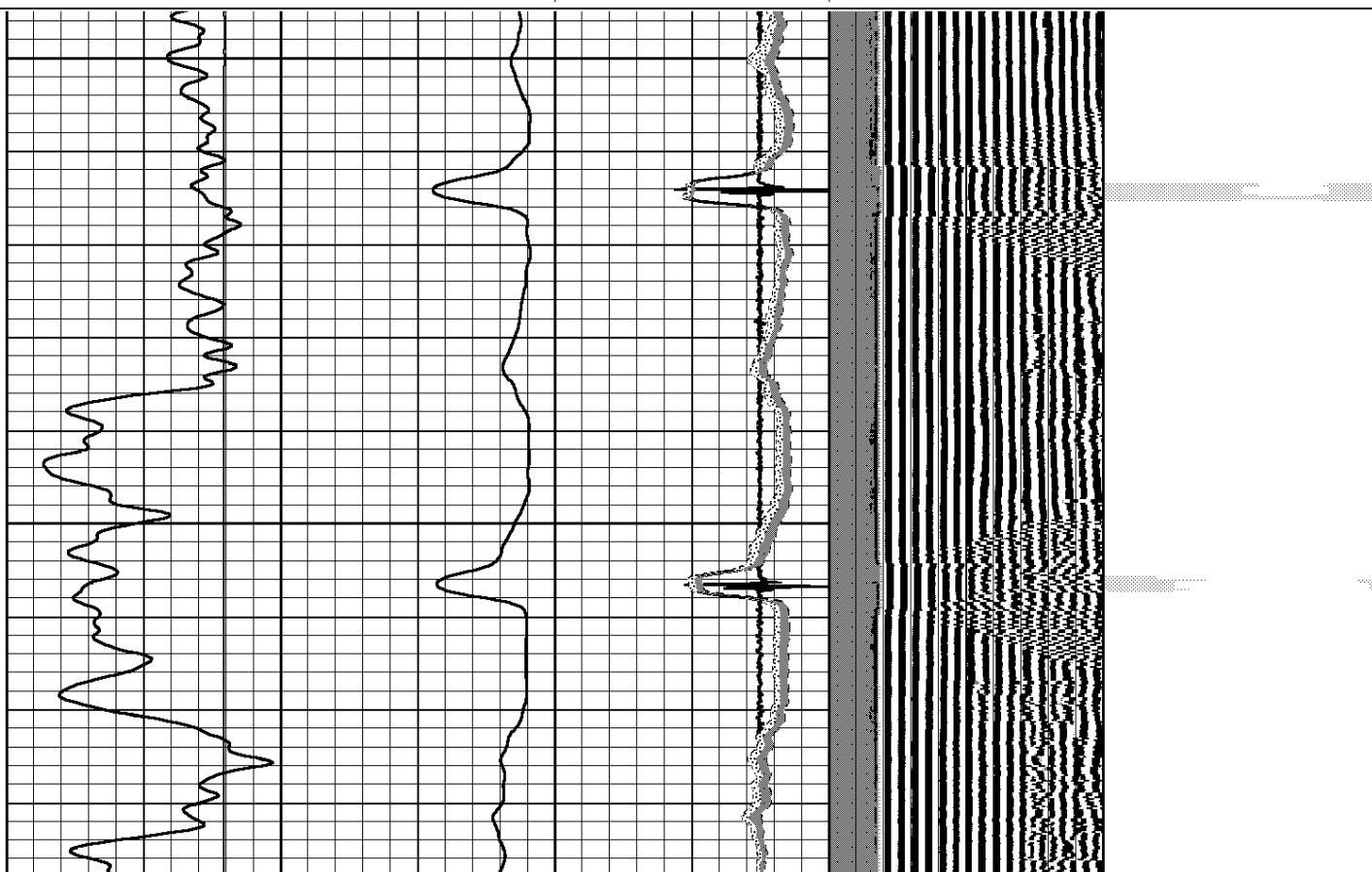
Main Pass

Database File: ares energy boese 9-16.db
 Dataset Pathname: scbl/pass2
 Presentation Format: scbl
 Dataset Creation: Mon Jun 06 11:51:42 2011 by Log Std Casedhole 09061
 Charted by: Depth in Feet scaled 1:240

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5000	LTEN (lb)	0		Amplified Amplitude		0	AMPMAX	150				25		75
150	GR	300	0	(mV)	20	0	AMPMIN	150						
						3	CCL	-1						

3100

3150



3200

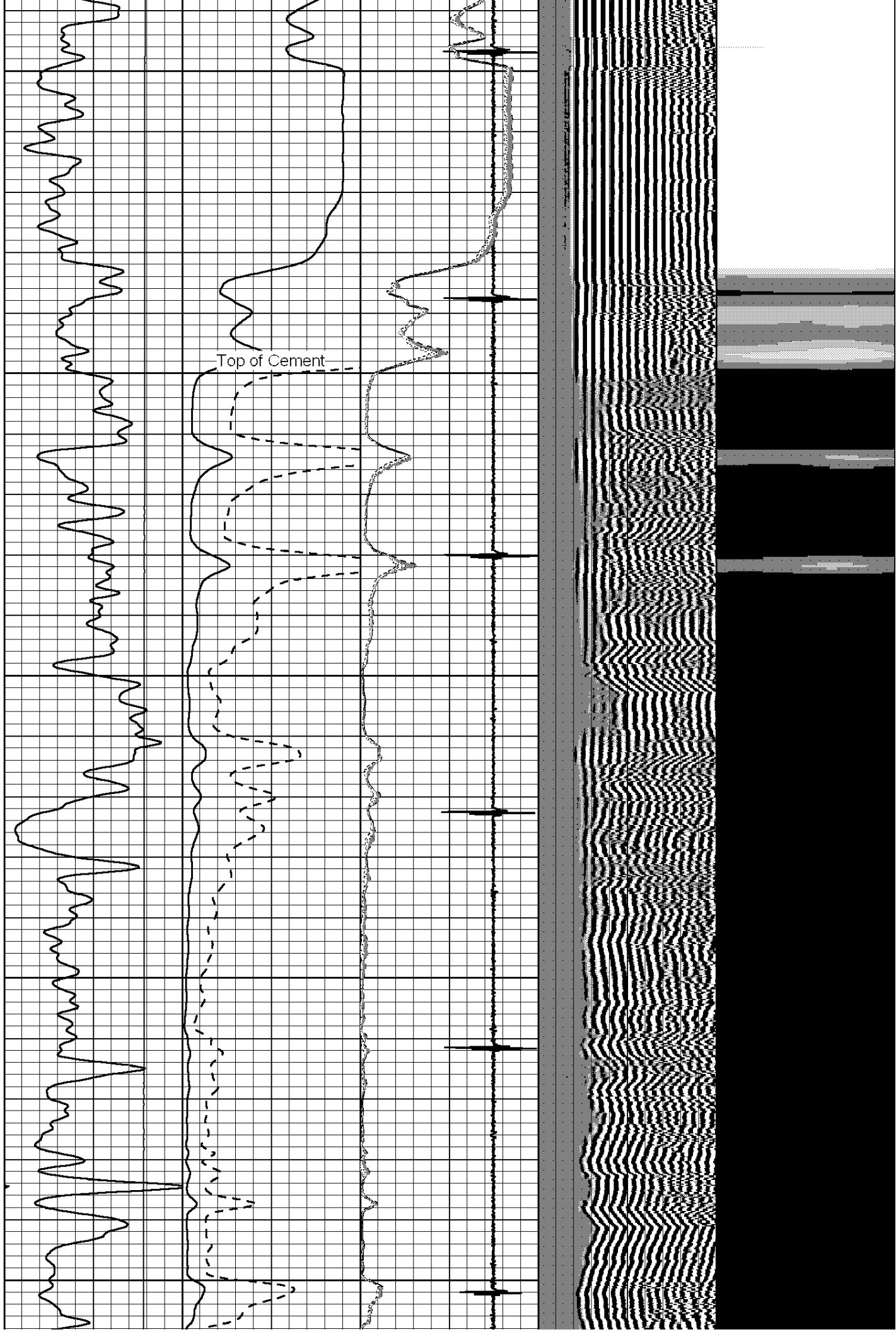
3250

3300

3350

3400

Top of Cement

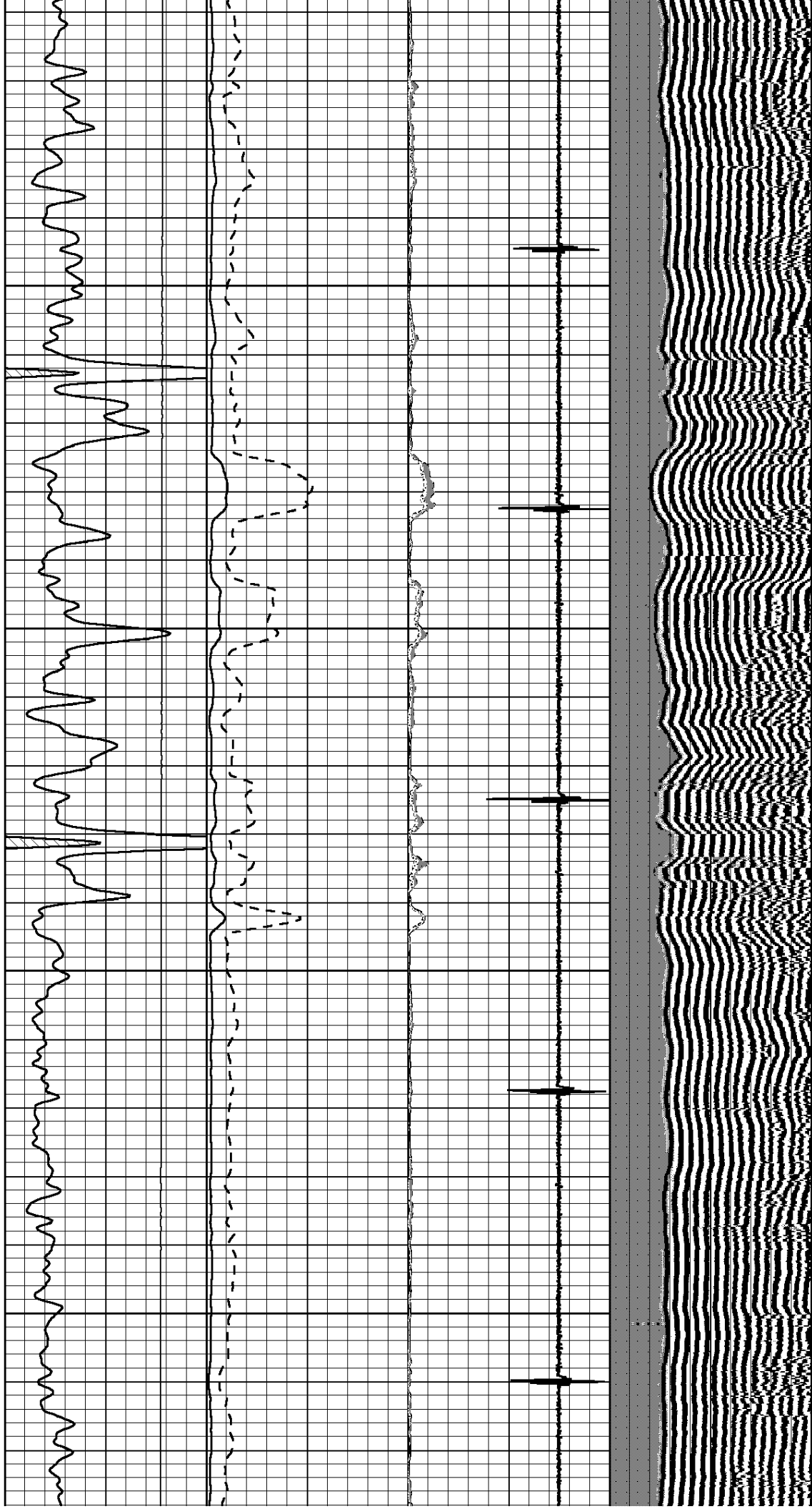


3450

3500

3550

3600

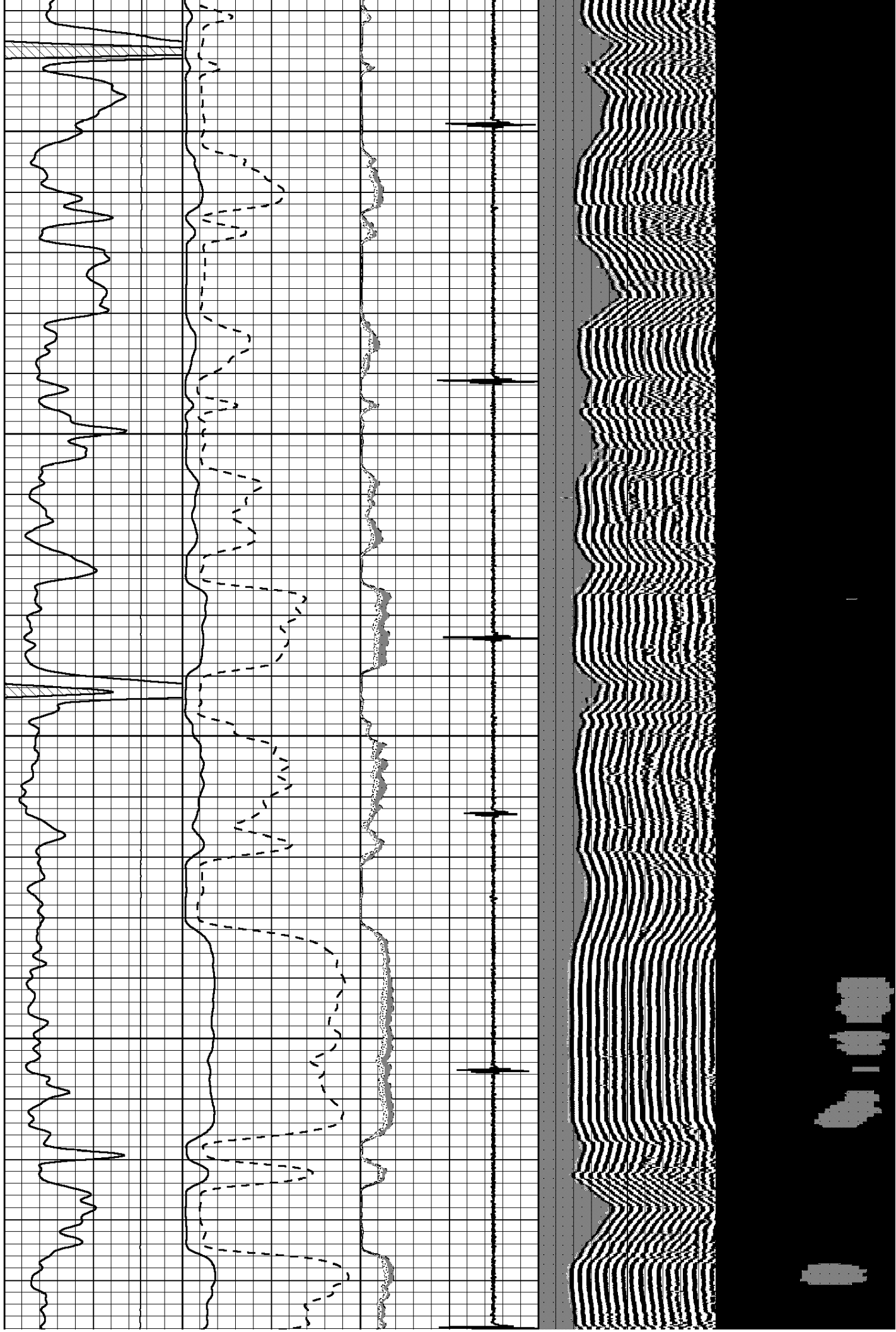


3650

3700

3750

3800



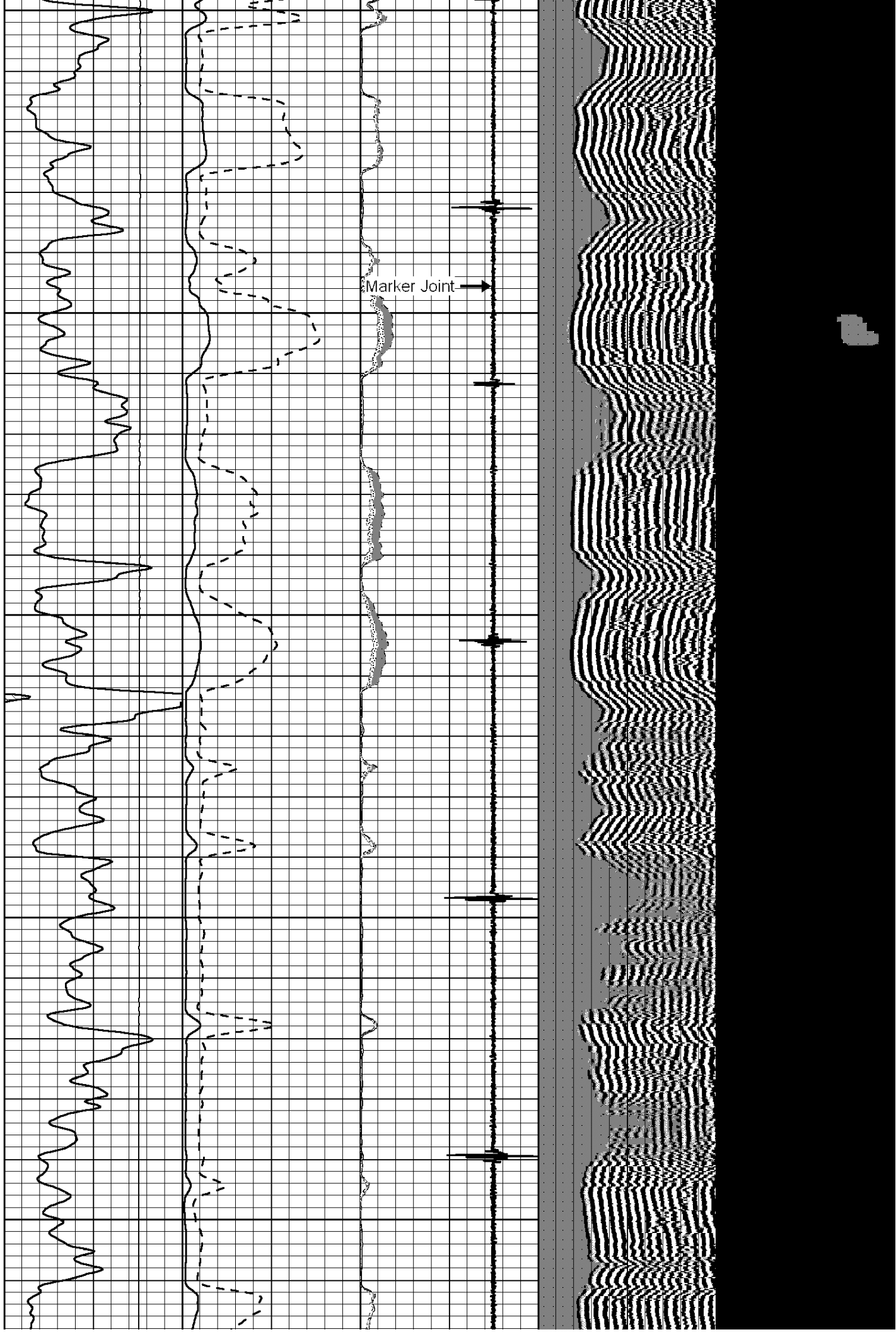
3850

3900

3950

4000

4050

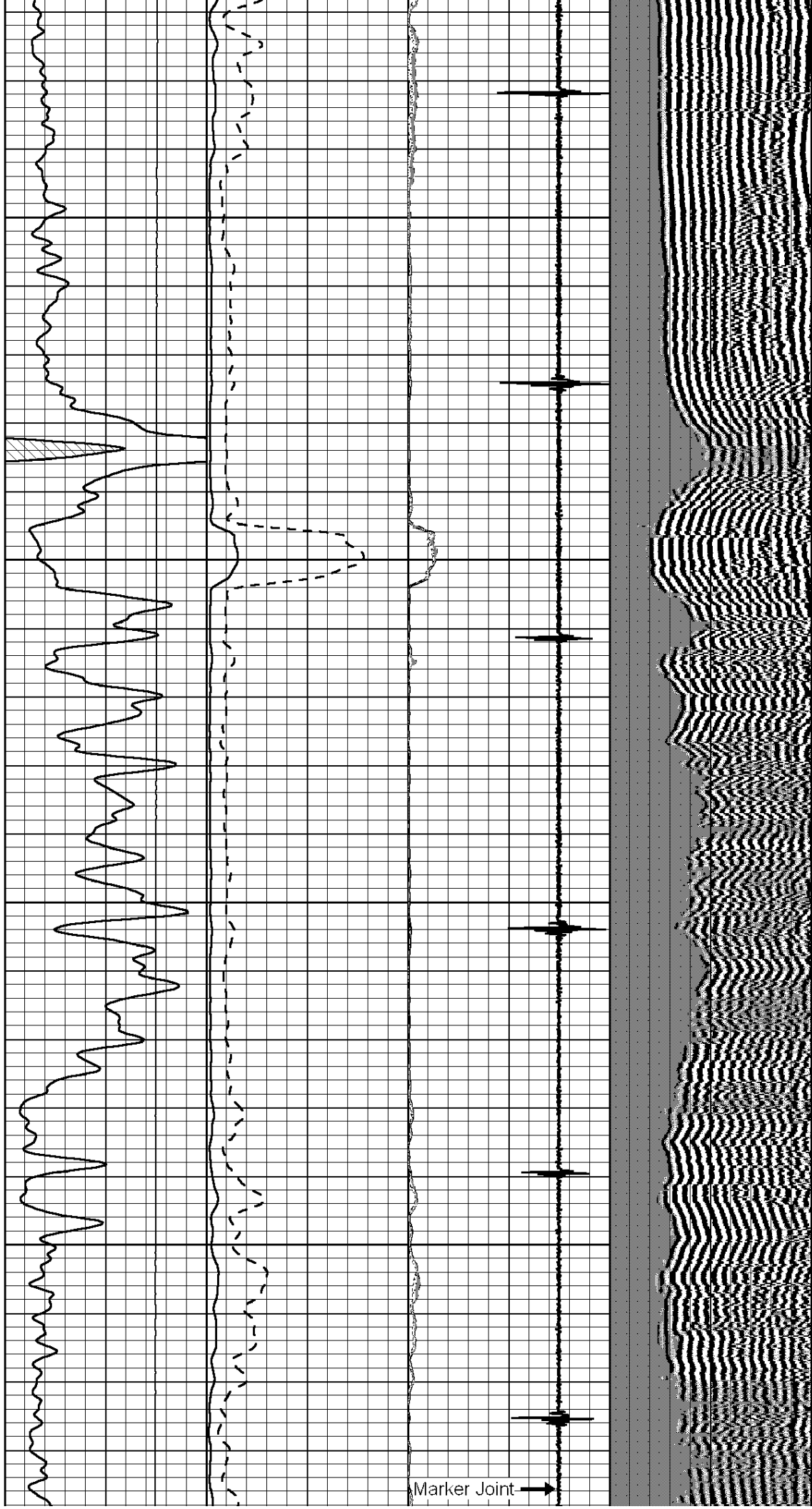


4100

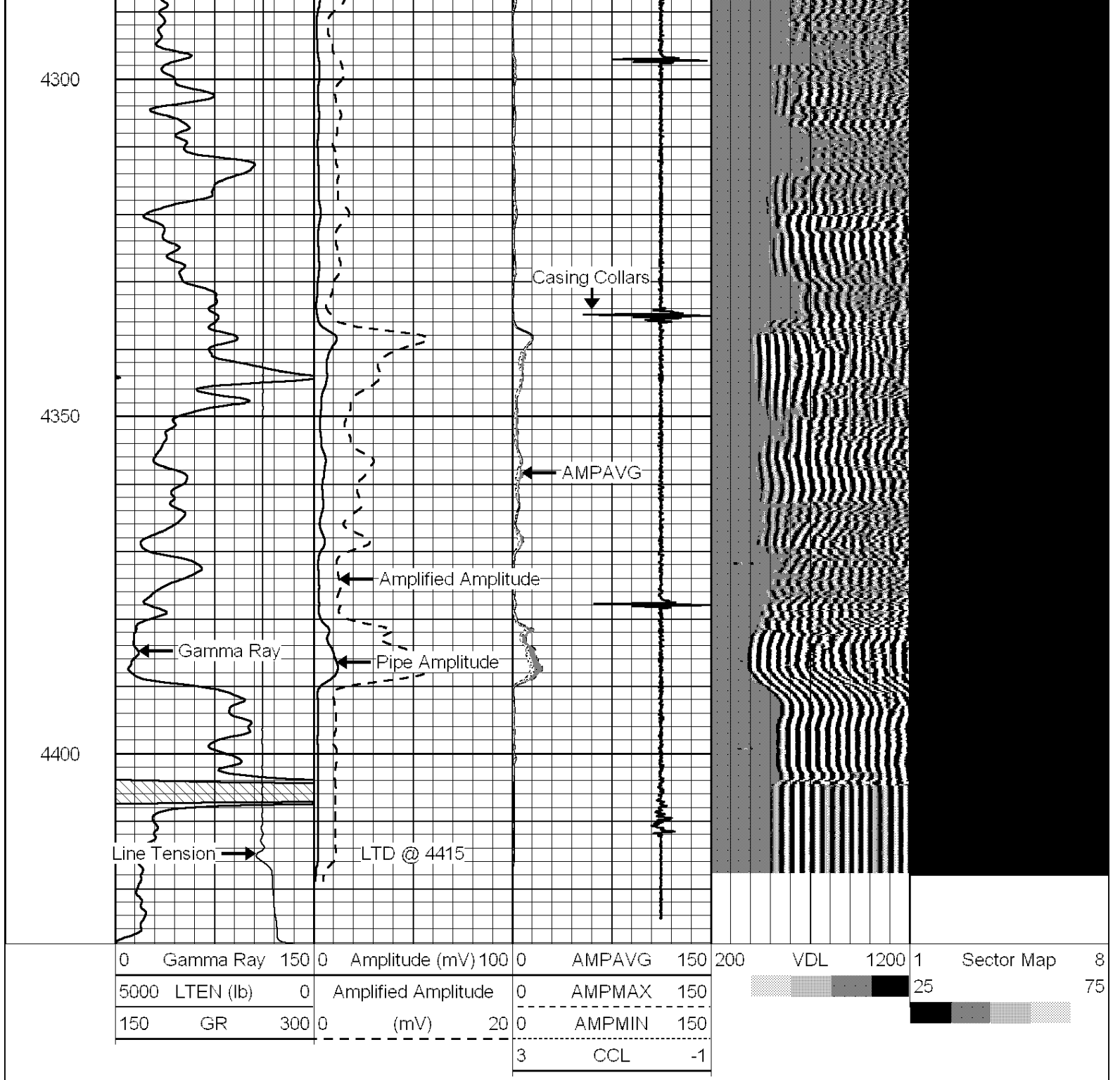
4150

4200

4250



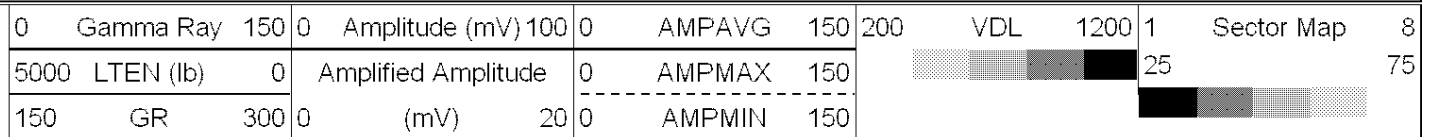
Marker Joint →



LOG-TECH

Repeat Section

Database File: ares energy boese 9-16.db
 Dataset Pathname: scbl/pass1
 Presentation Format: scbl
 Dataset Creation: Mon Jun 06 11:45:44 2011 by Log Std Casedhole 09061
 Charted by: Depth in Feet scaled 1:240

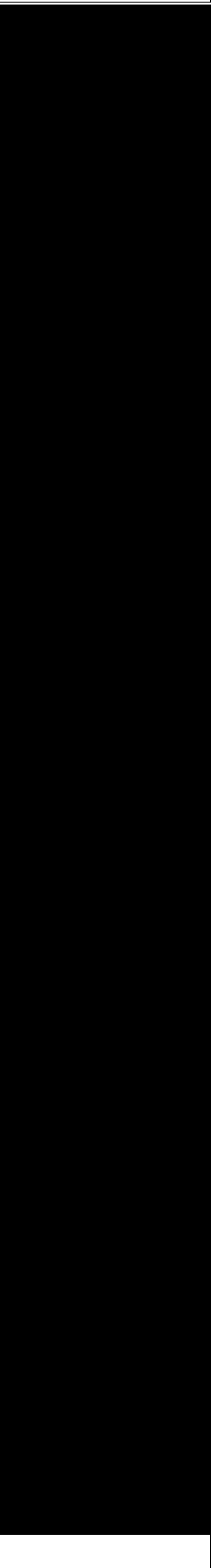
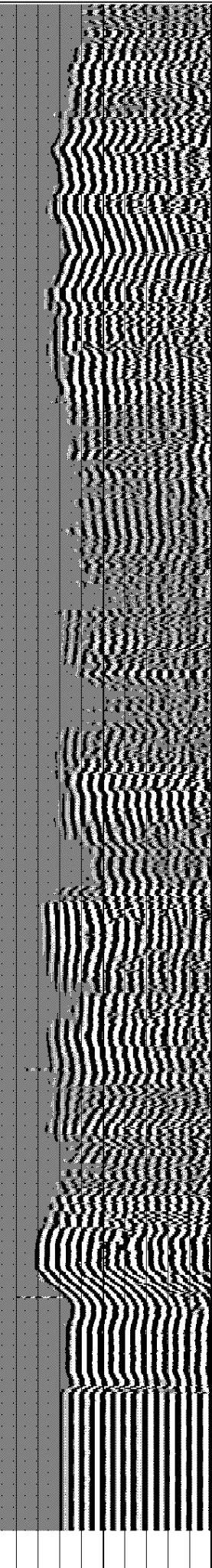
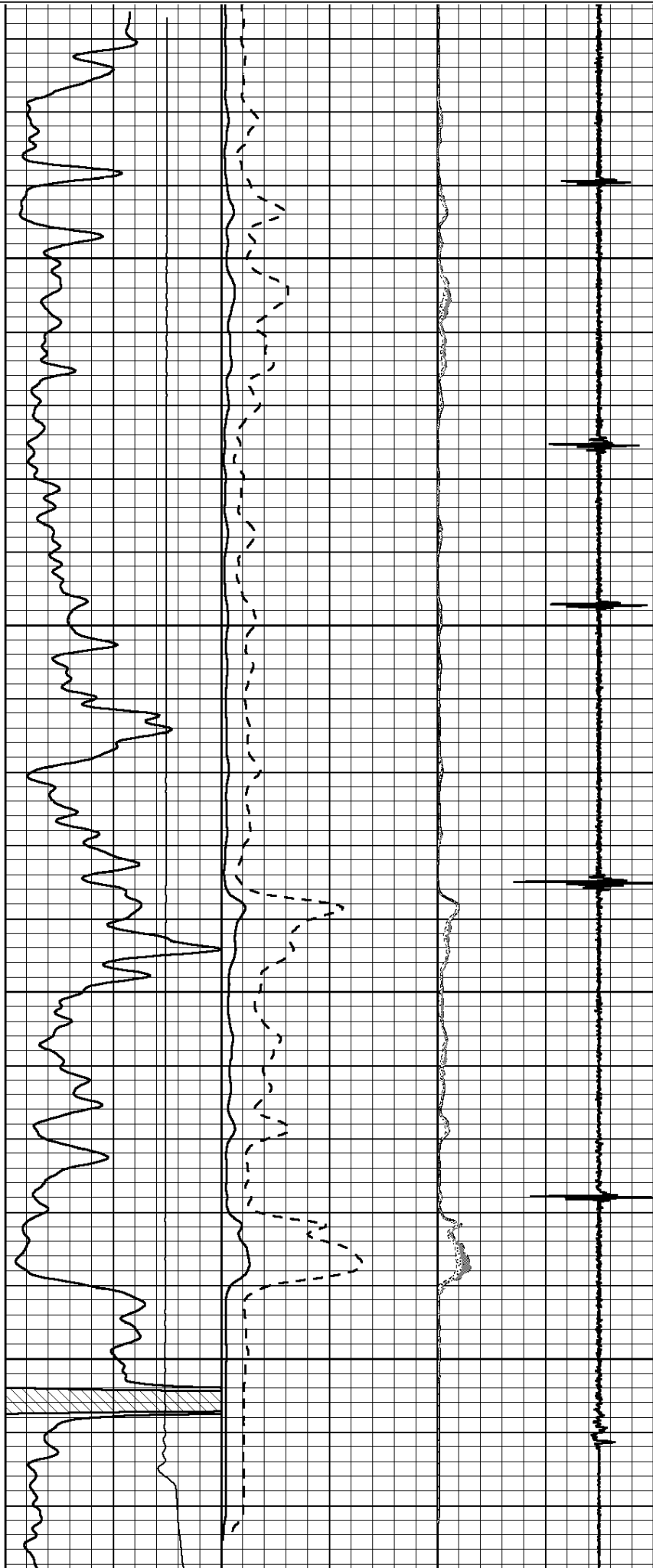


4250

4300

4350

4400



0	Gamma Ray	150	0	Amplitude (mV)	100	0	AMPAVG	150	200	VDL	1200	1	Sector Map	8
5000	LTEN (lb)	0		Amplified Amplitude		0	AMPMAX	150				25		75
150	GR	300	0	(mV)	20	0	AMPMIN	150						
						3	CCL	-1						



DIGITAL LOG (785) 625-3858

Borehole Compensated
Sonic Log

API No. 15-135-25,245-00-00

Company Ares Energy, LTD
Well Boese No. 9-16
Field Southeast Mantz Prospect
County Ness
State Kansas

Location NE NW SE SE
994' FSL & 911' FEL

Sec: 9 Twp: 18S Rge: 21W

Other Services
CNL/CDL
MEL/DIL

Permanent Datum Ground Level Elevation 2167
Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 2180
D.F.
G.L. 2167

Date 5/31/2011

Run Number Two

Type Log BHC Sonic

Depth Driller 4450

Depth Logger 4449

Bottom Logged Interval 4438

Top Logged Interval 300

Type Fluid In Hole Chemical

Salinity, PPM CL 8800

Density 9.2

Level Full

Max. Rec. Temp. F 121

Operating Rig Time 4 Hours

Equipment -- Location 10 Days

Recorded By J. Long

Witnessed By Justin Carter

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	317	8.625	24#	00	317
2	7.875	317	4450				

<<< 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.

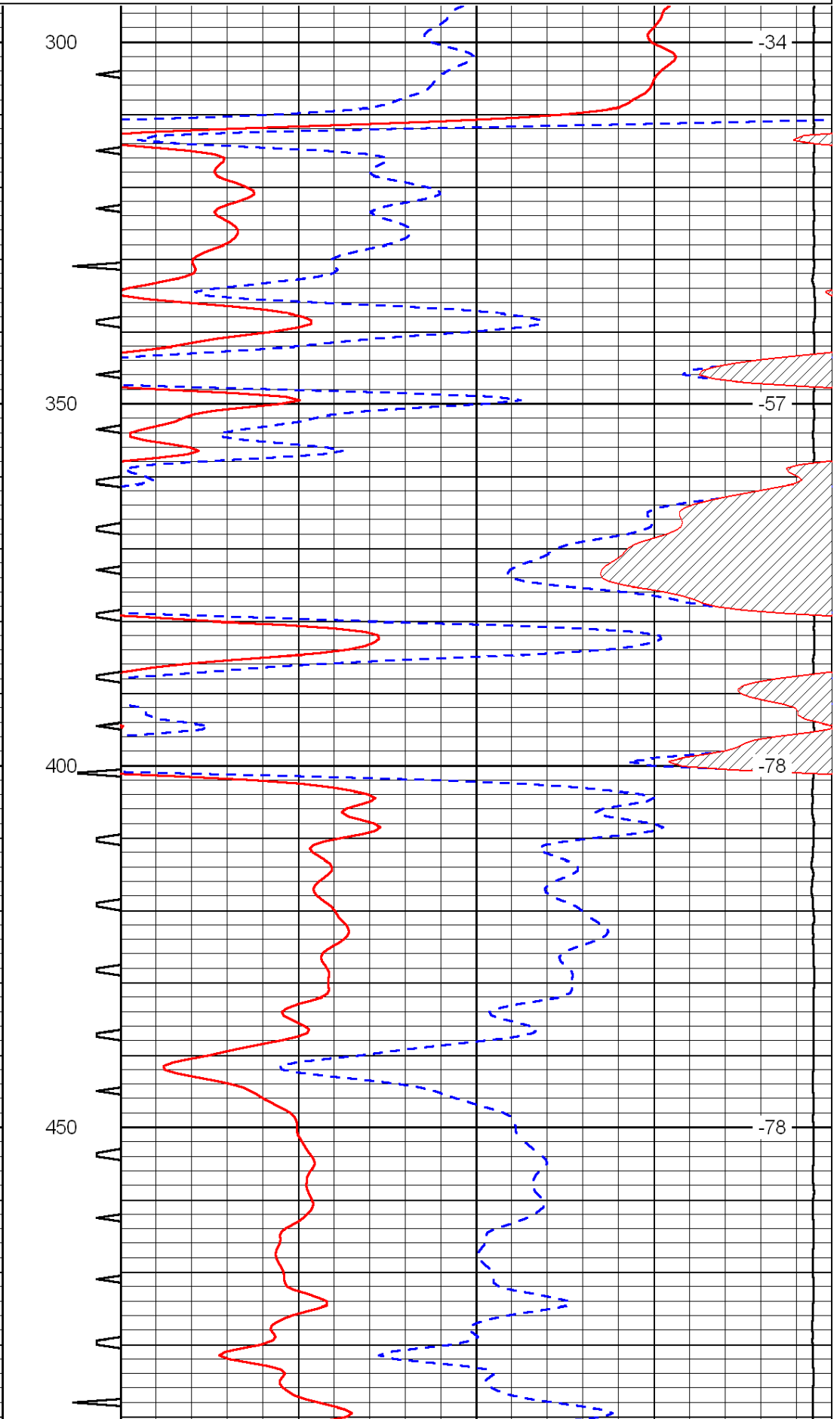
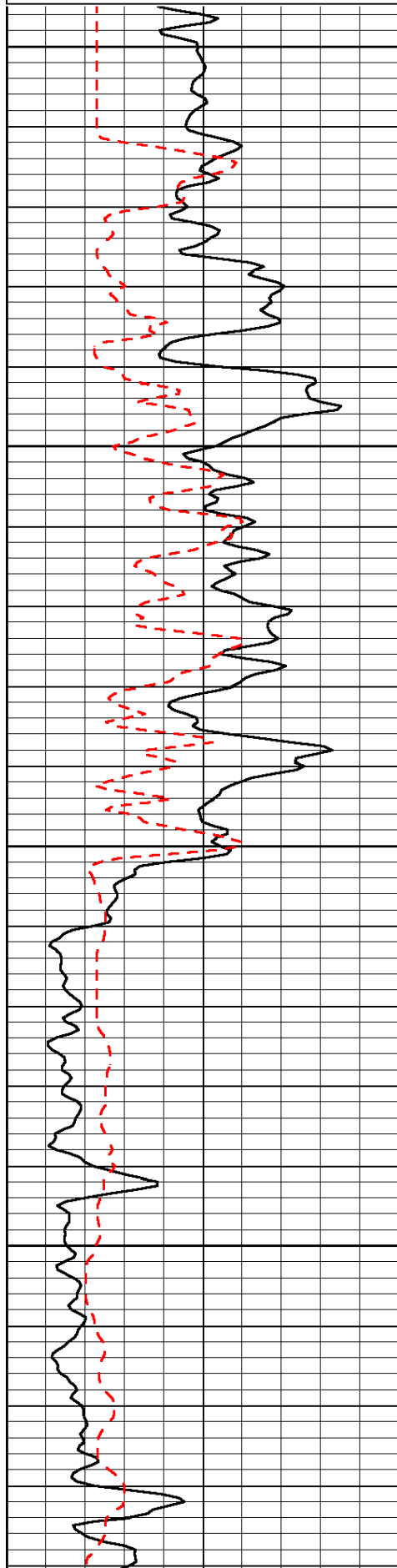
Comments

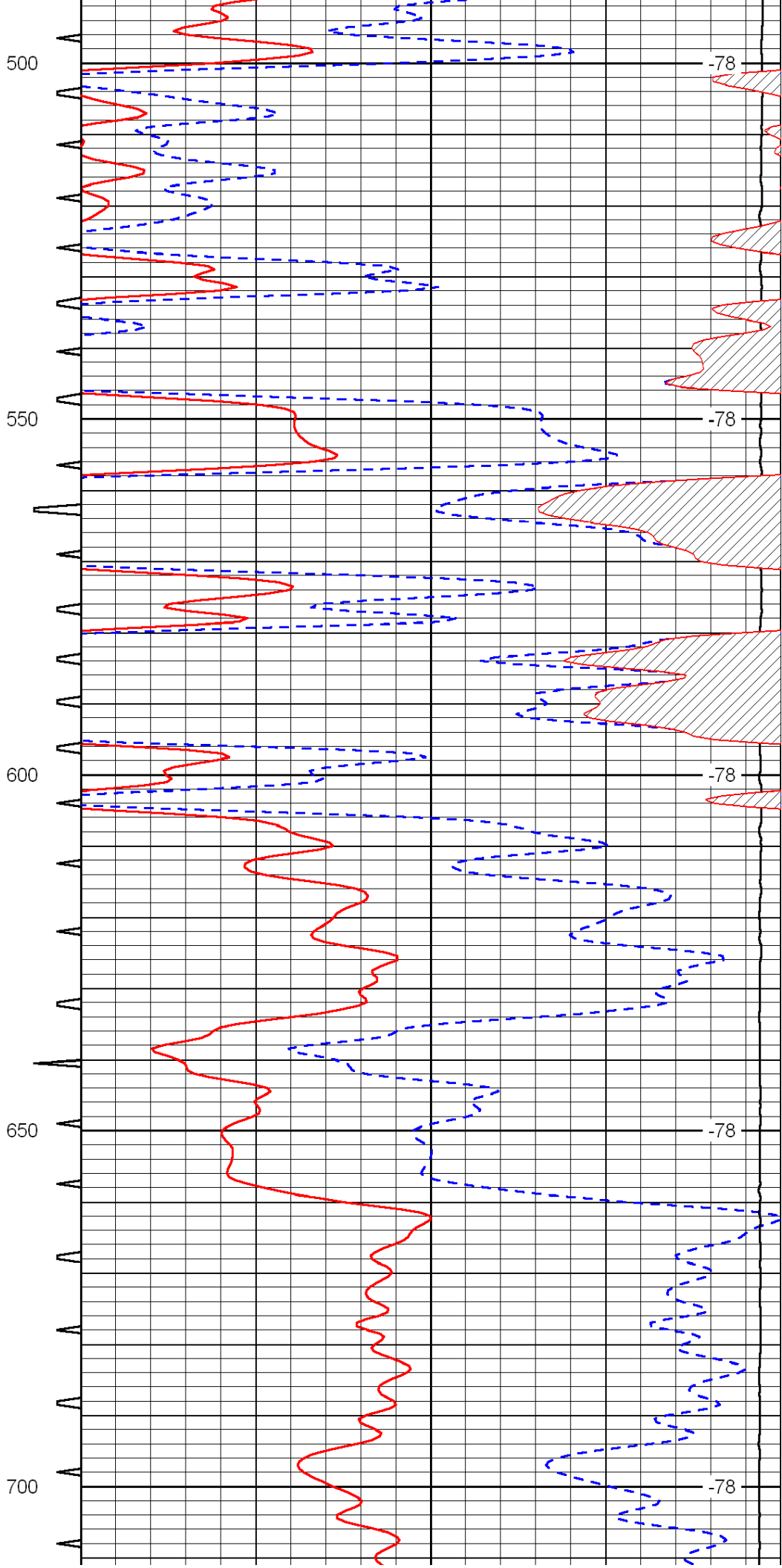
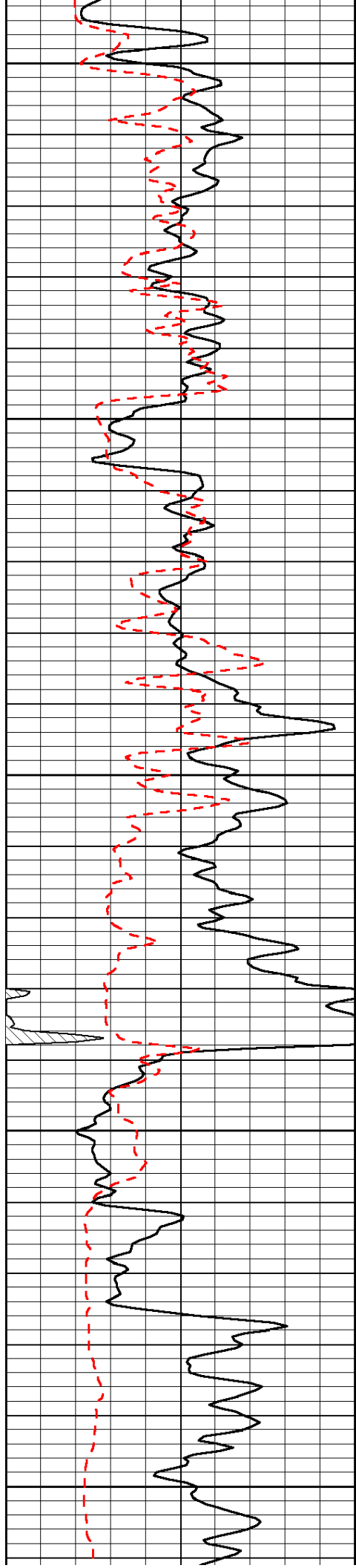
Thank you for using Log-Tech, Inc.
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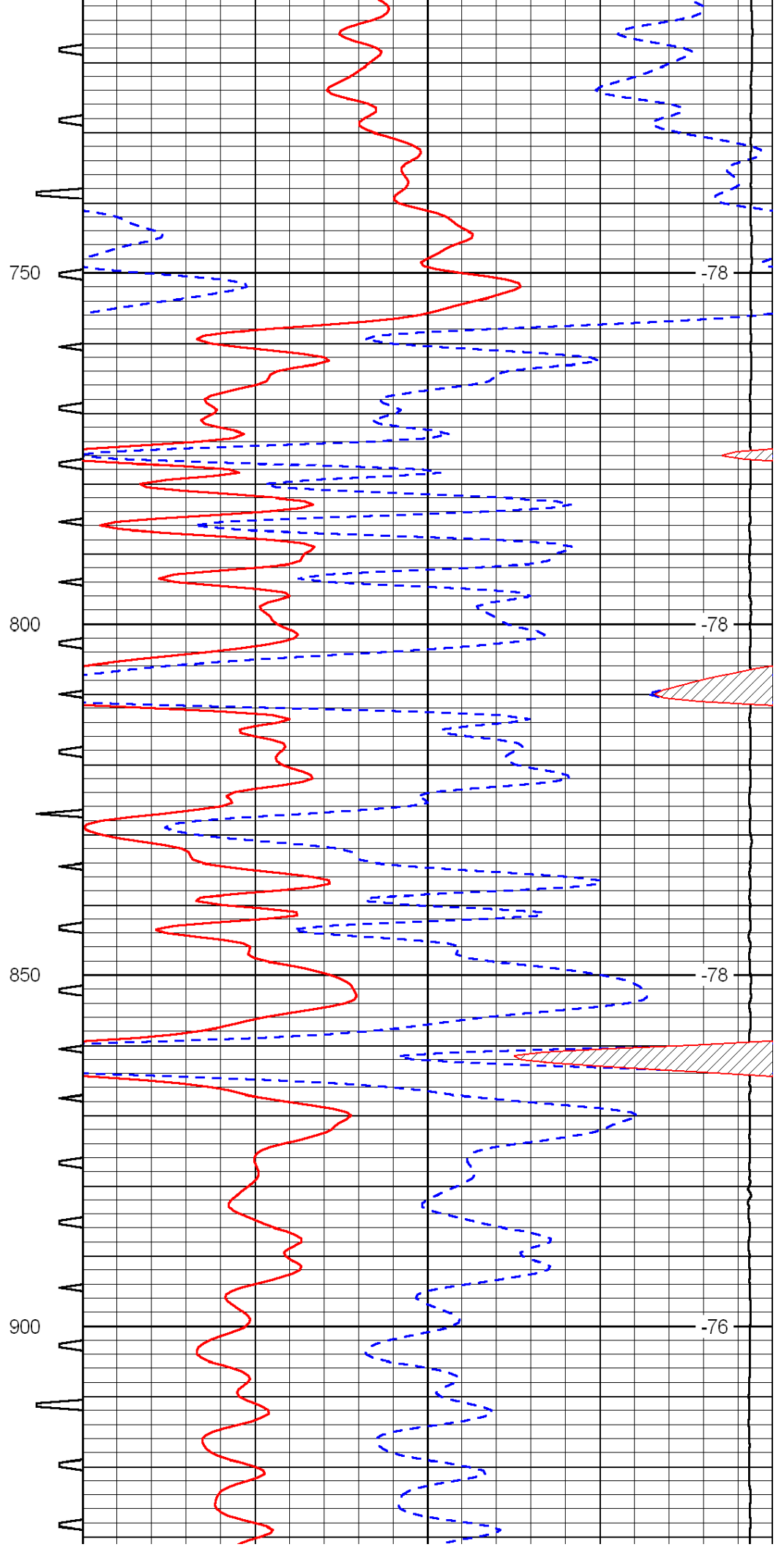
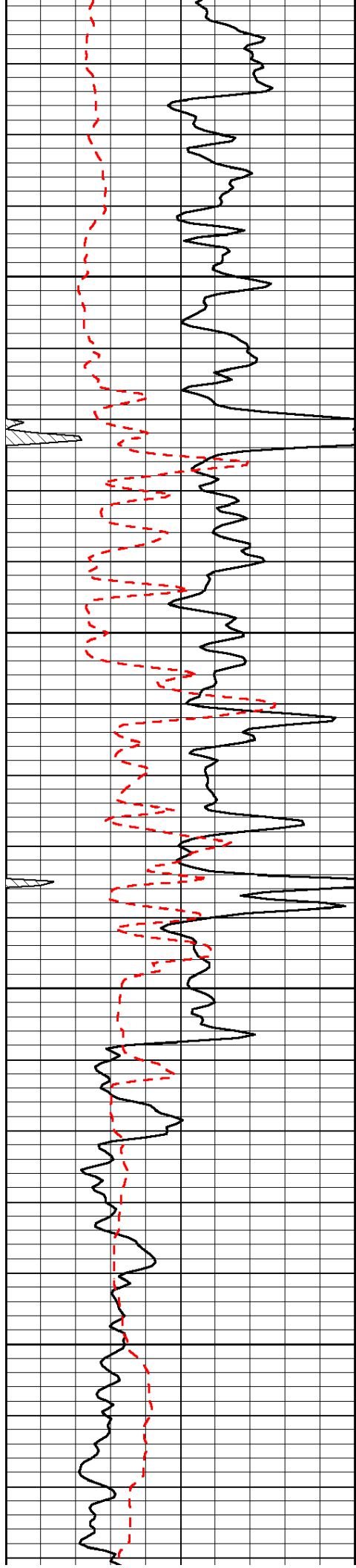
Bazine, 3 North to 160 Road, 3 East to GG Road, 200 Yards North, West Into

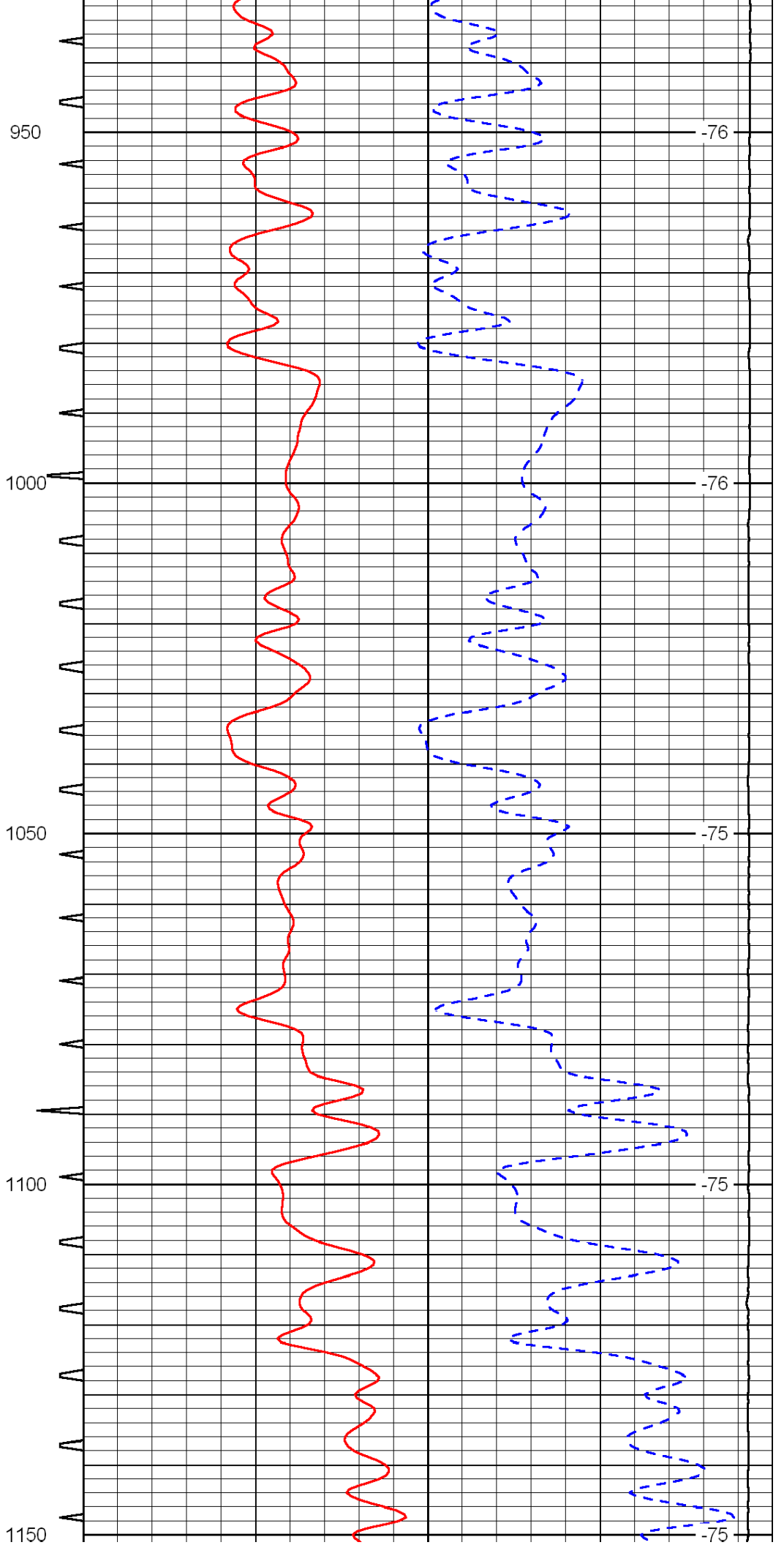
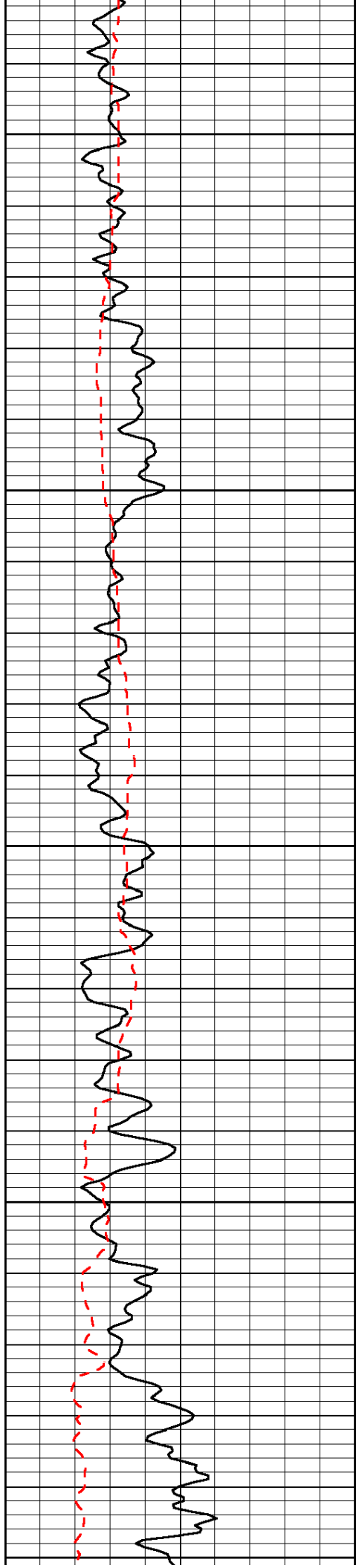
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150	Gamma Ray	300	5	0	SPOR	-10
6	Caliper (GAPI)	16		15000	LTEN (lb)	0

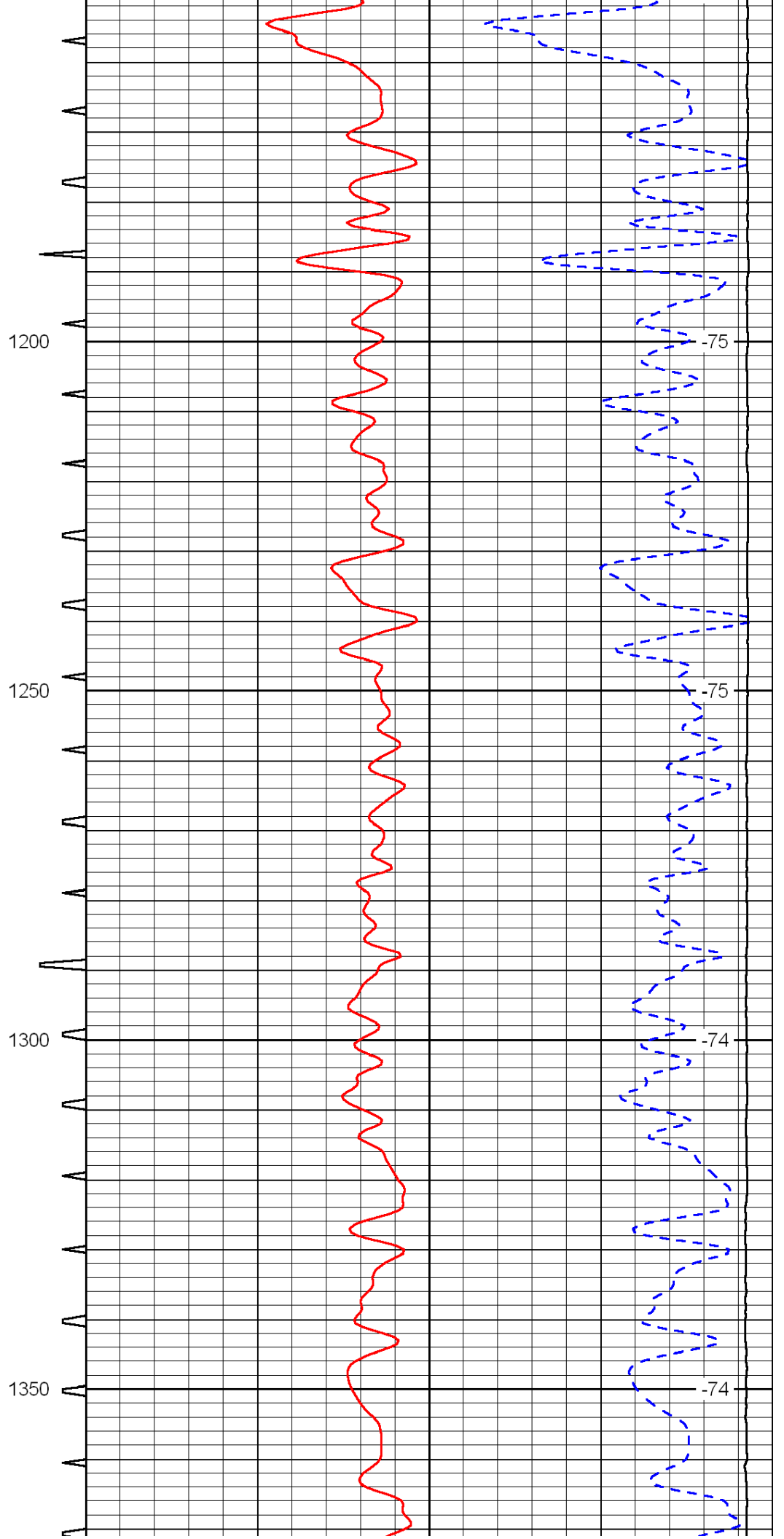
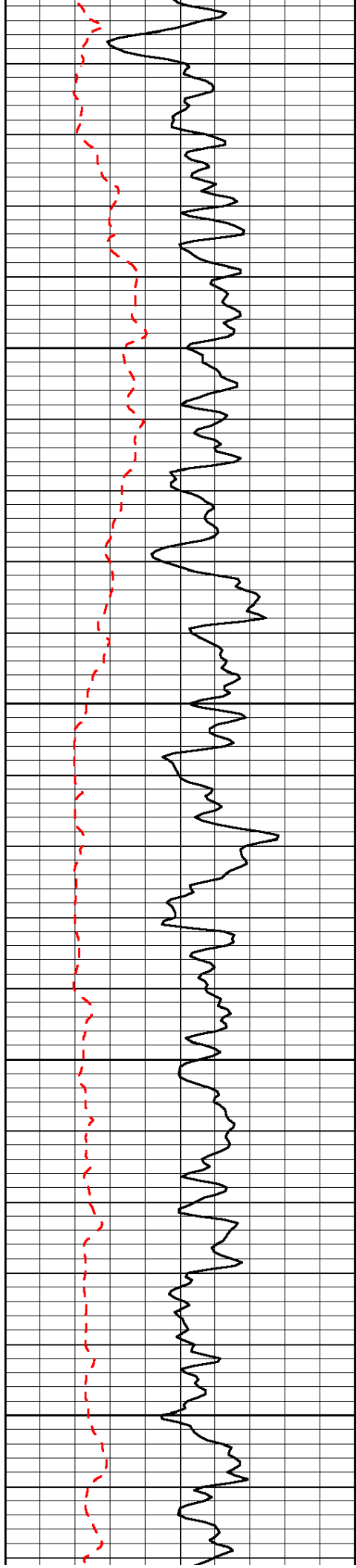
LSPD

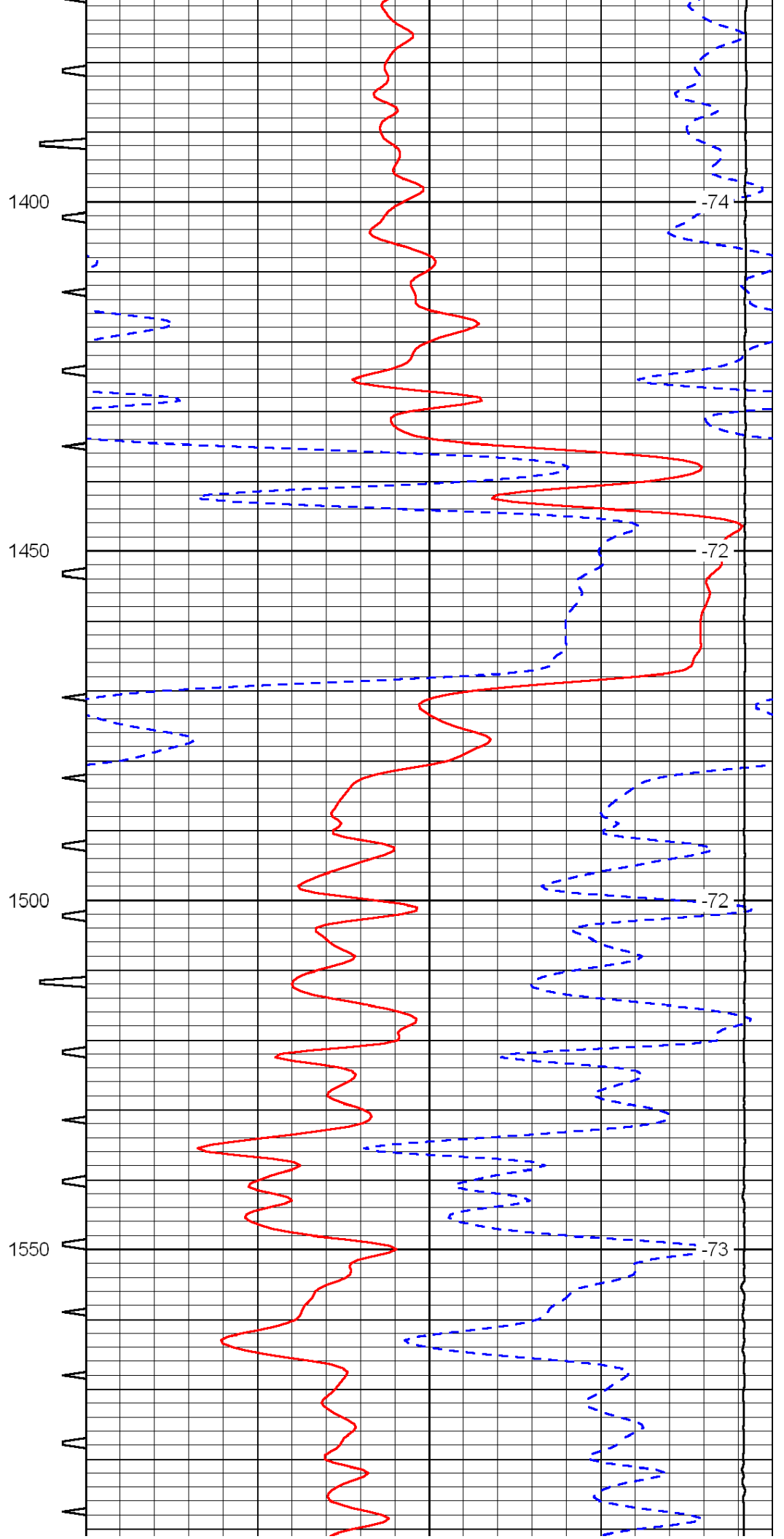
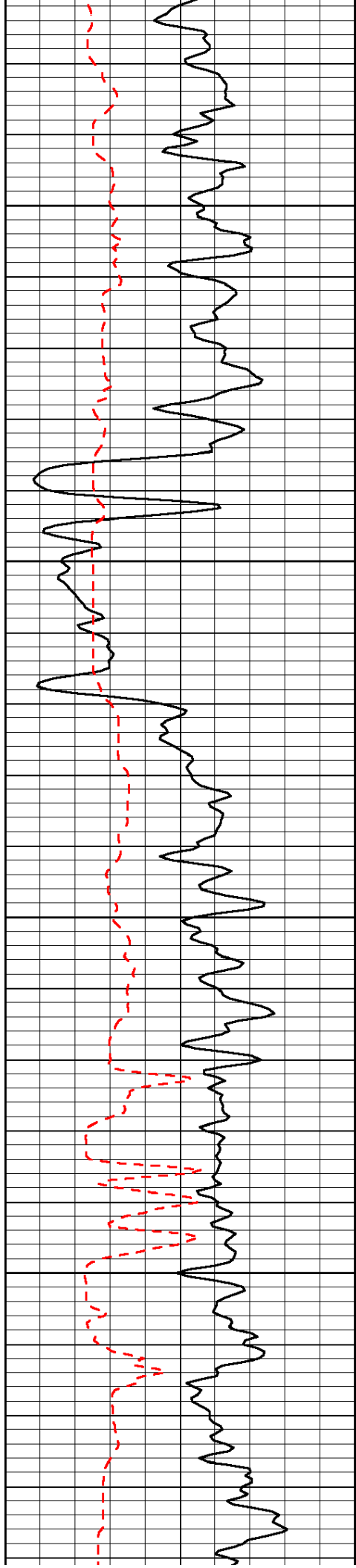


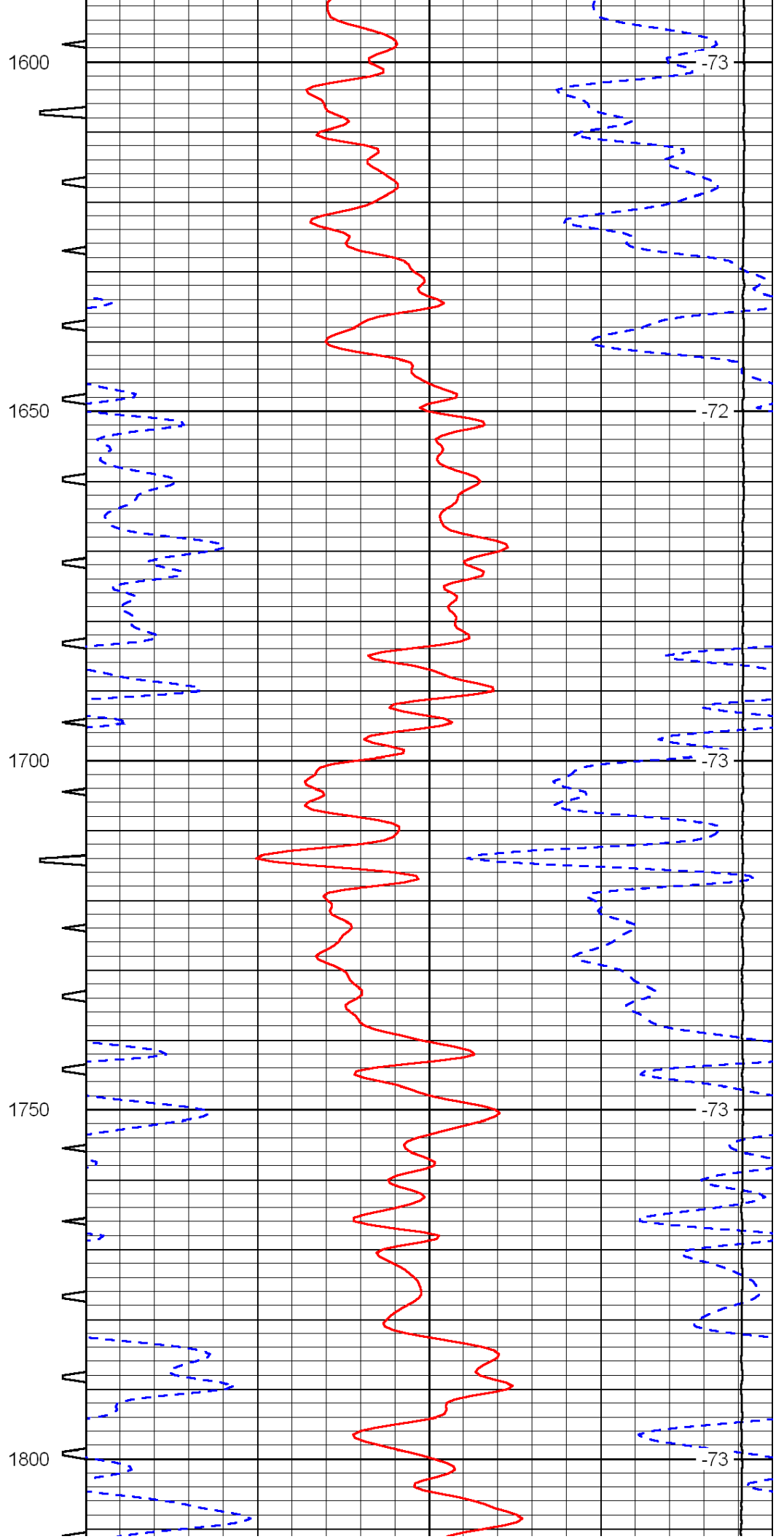
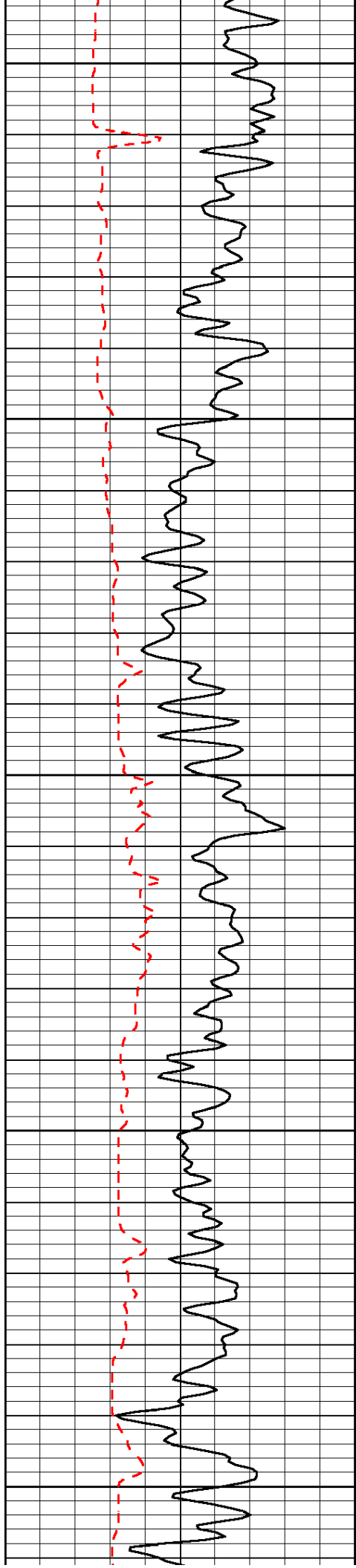


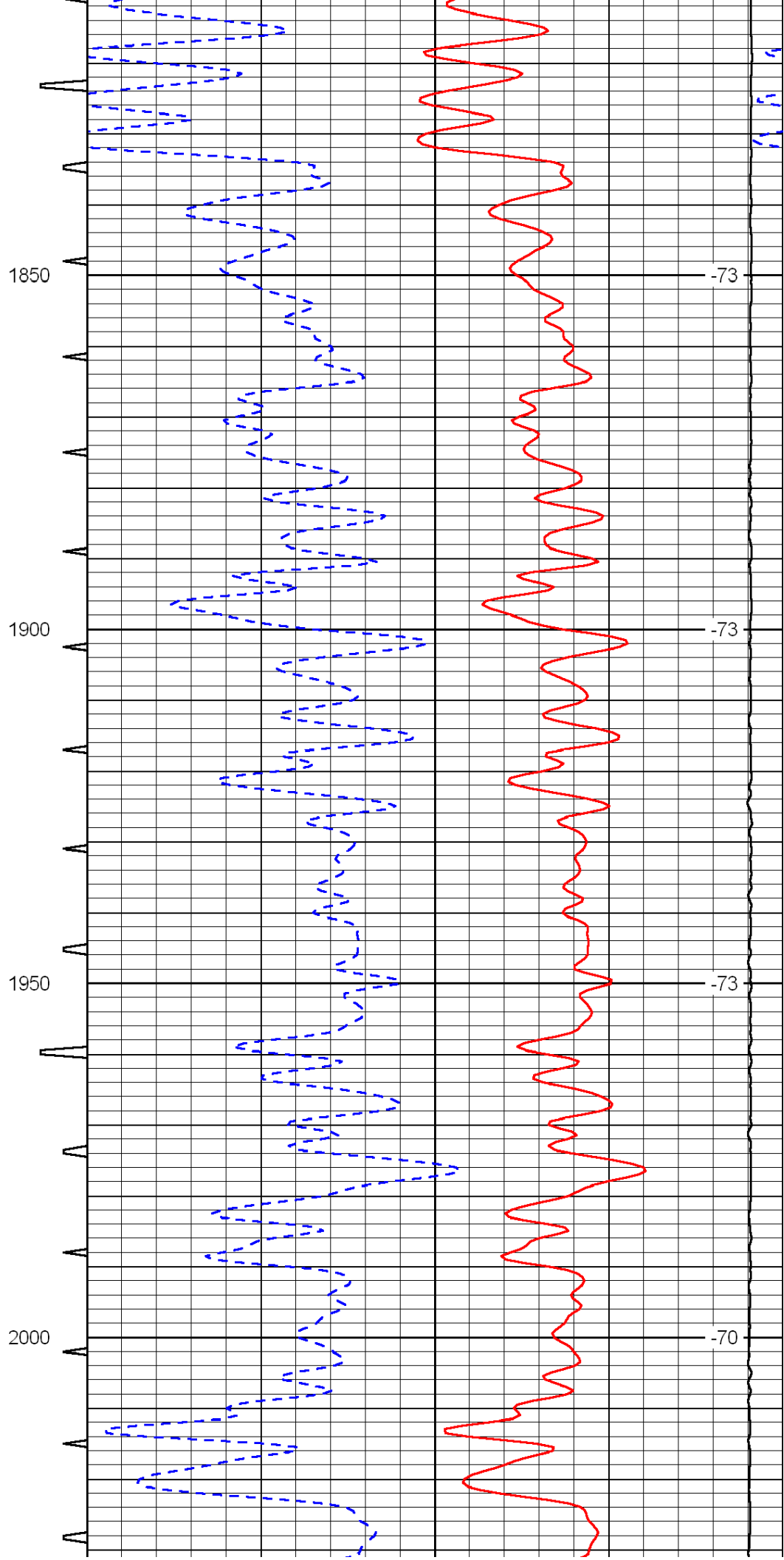
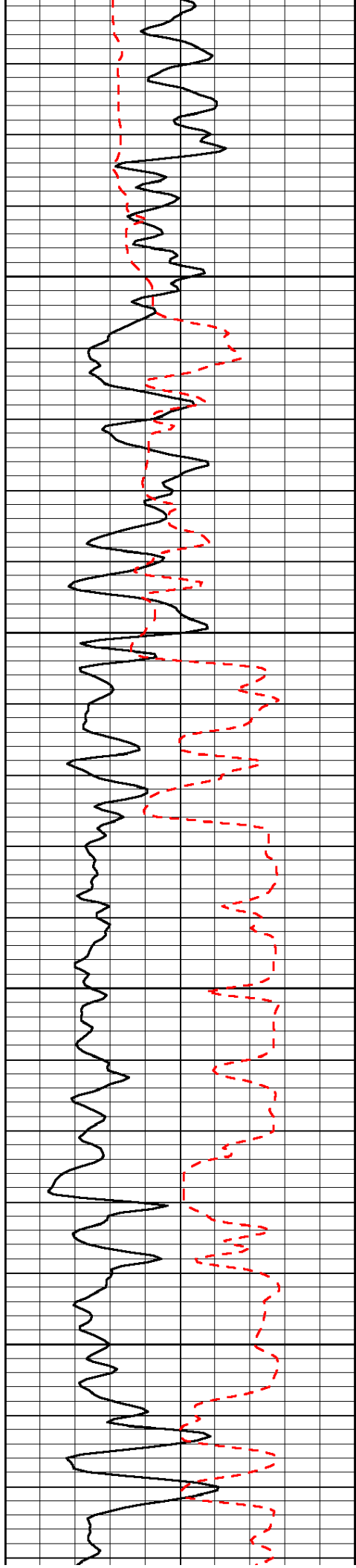


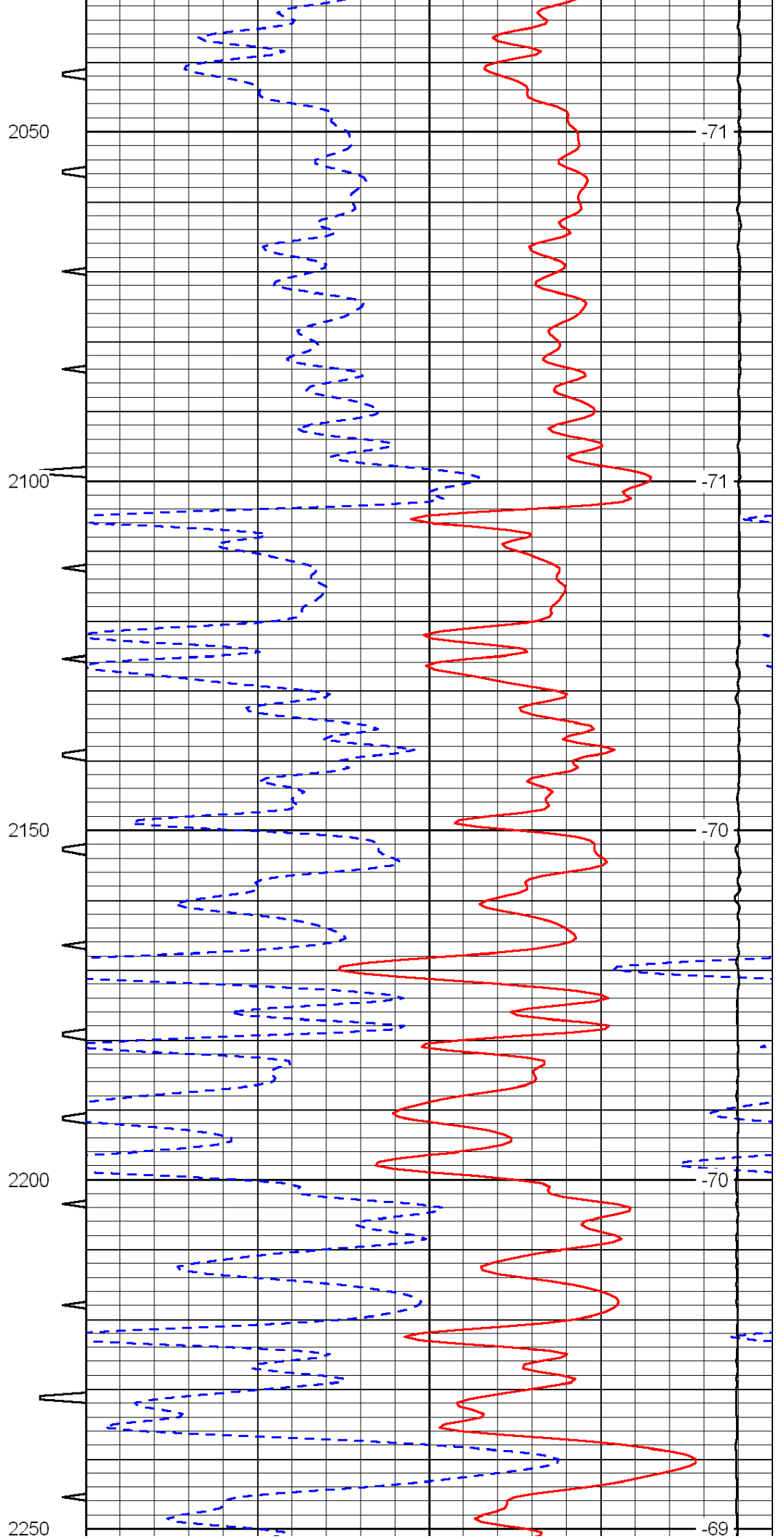
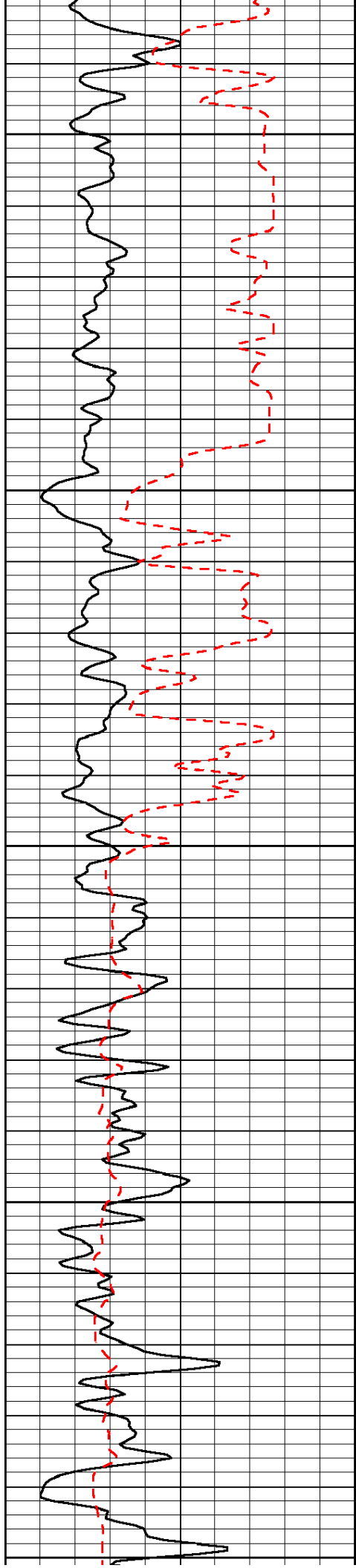


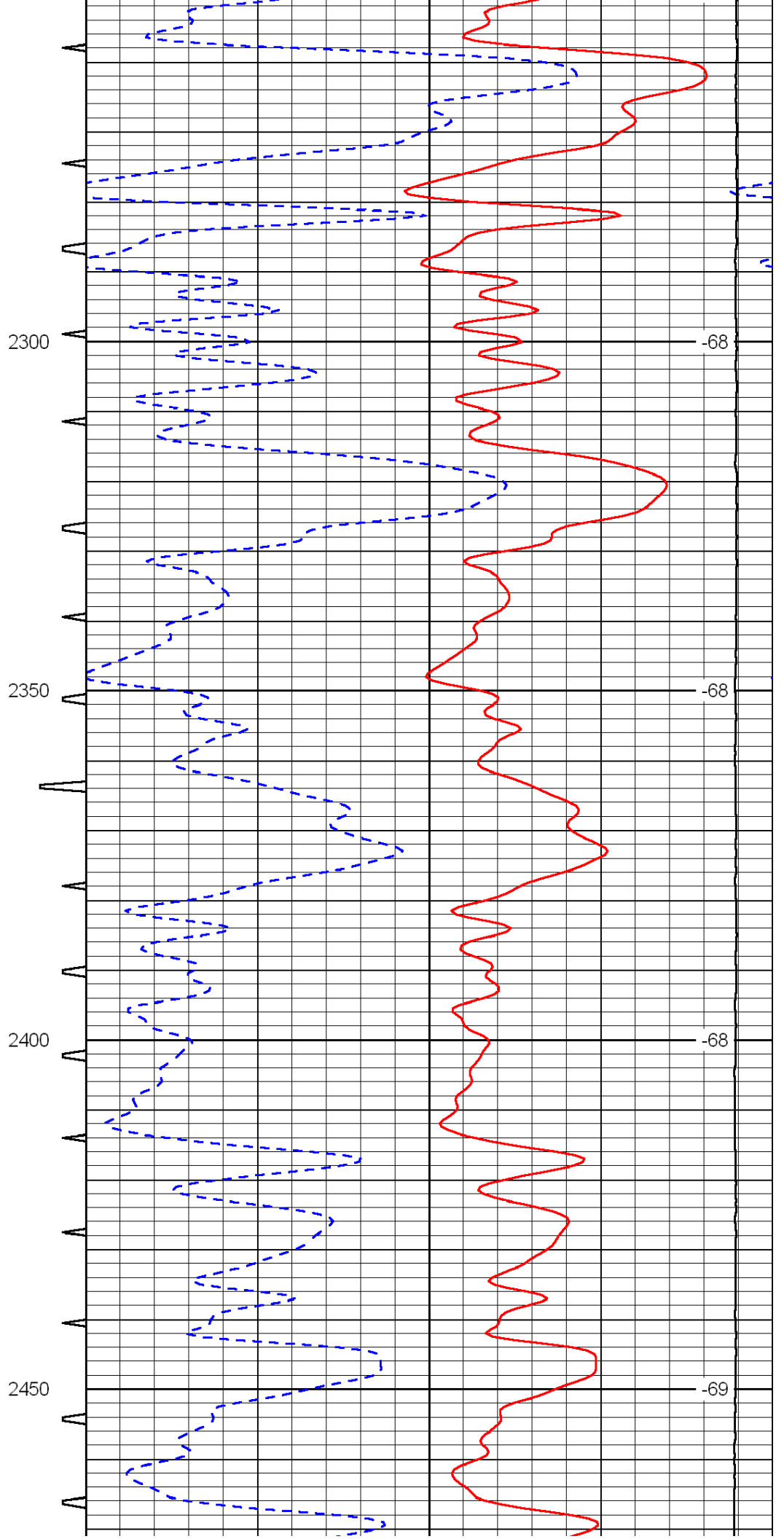
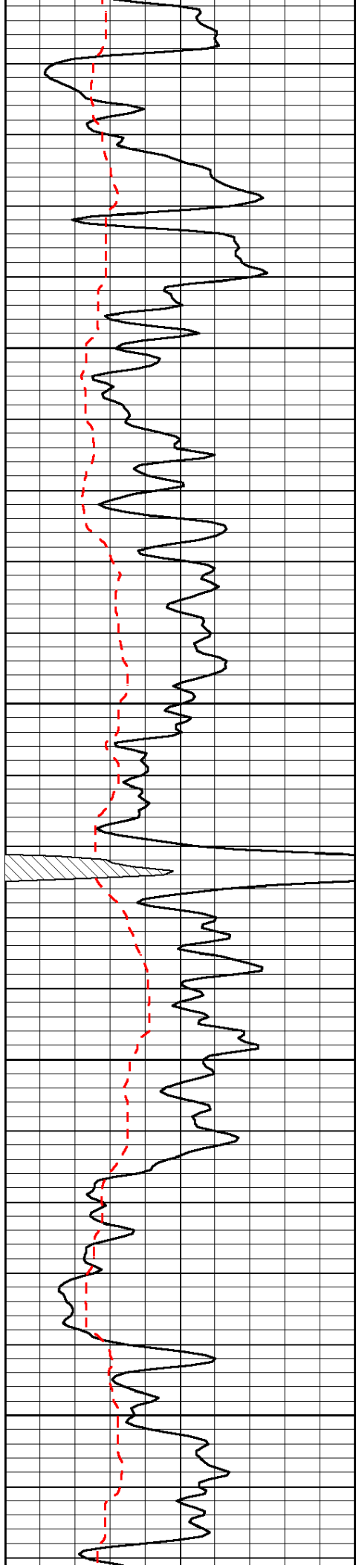


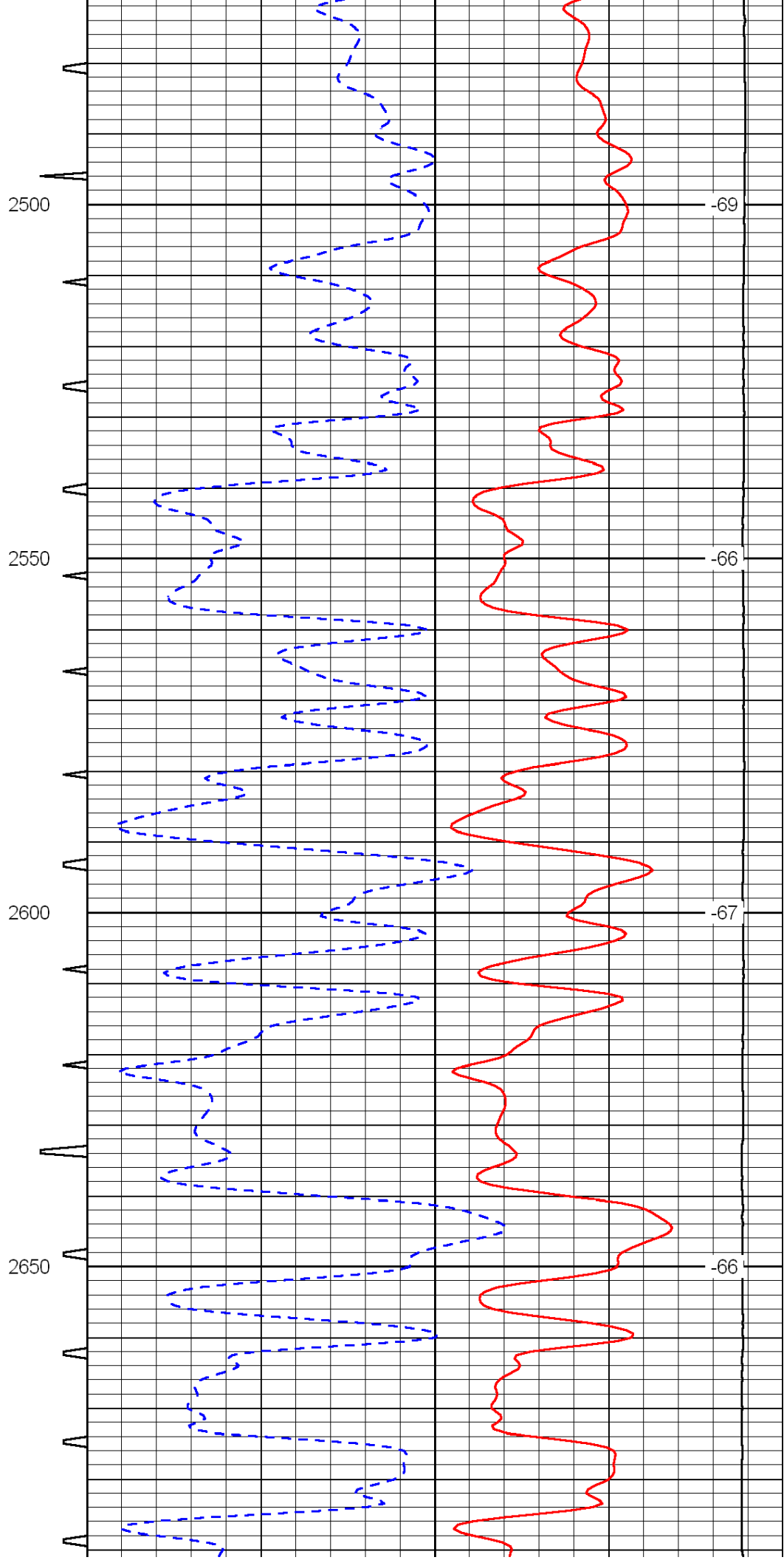
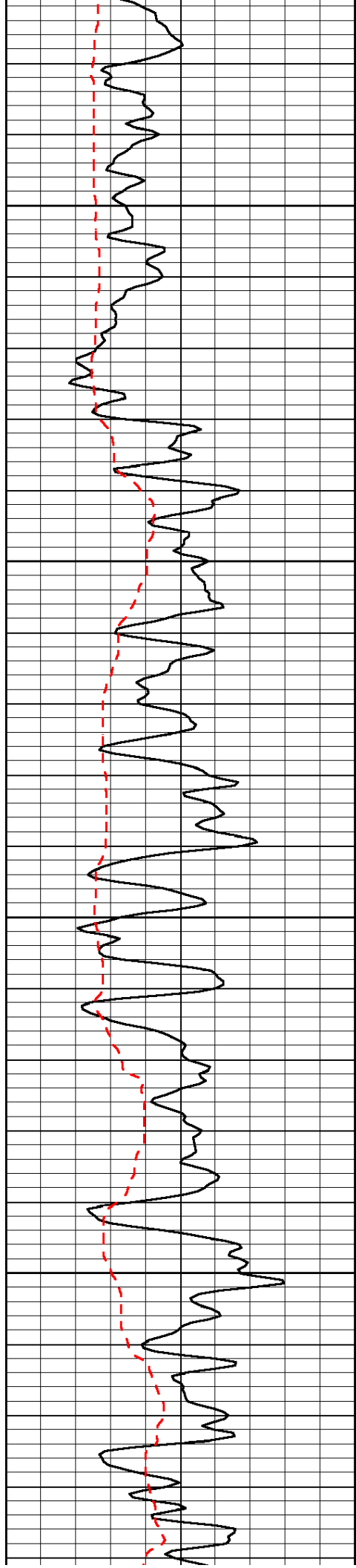


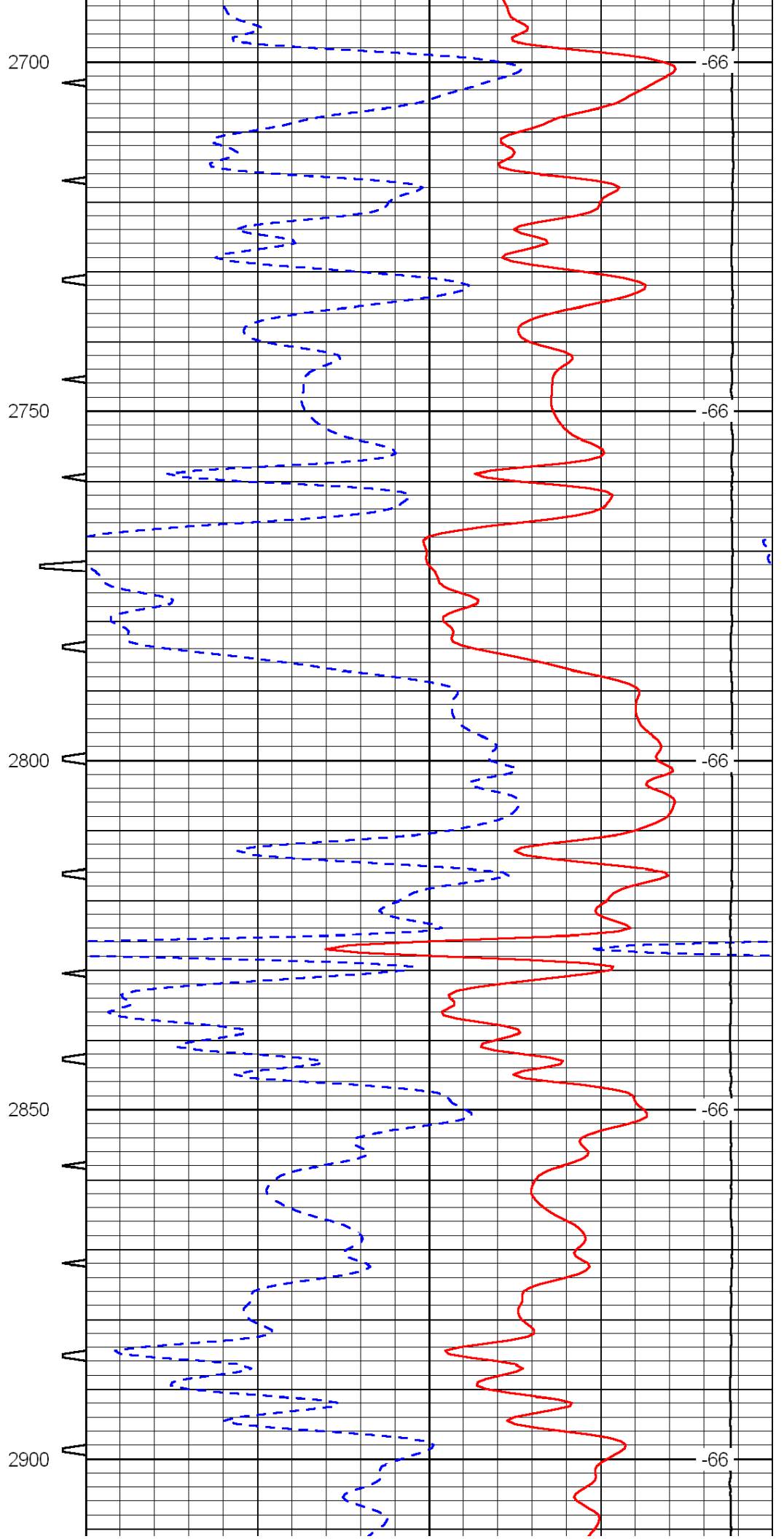
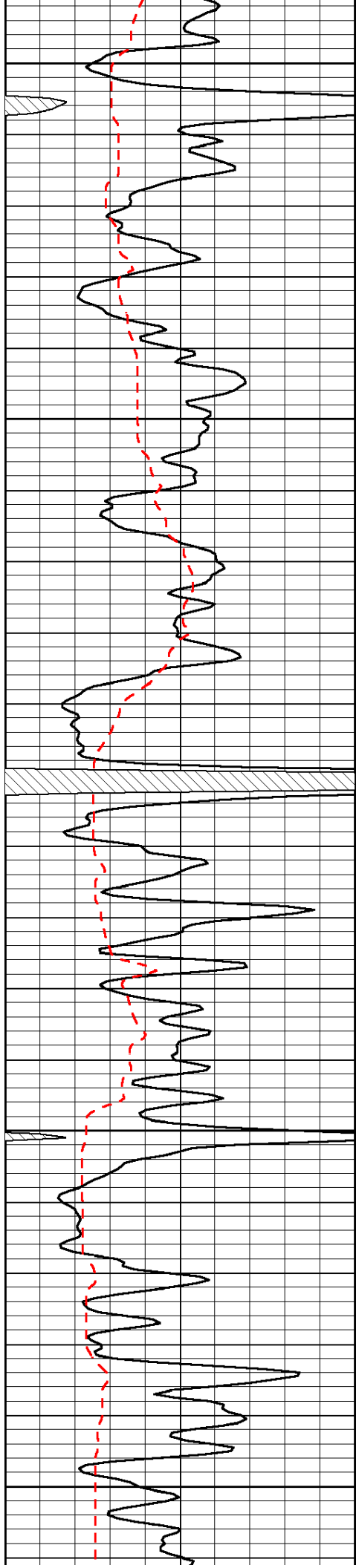


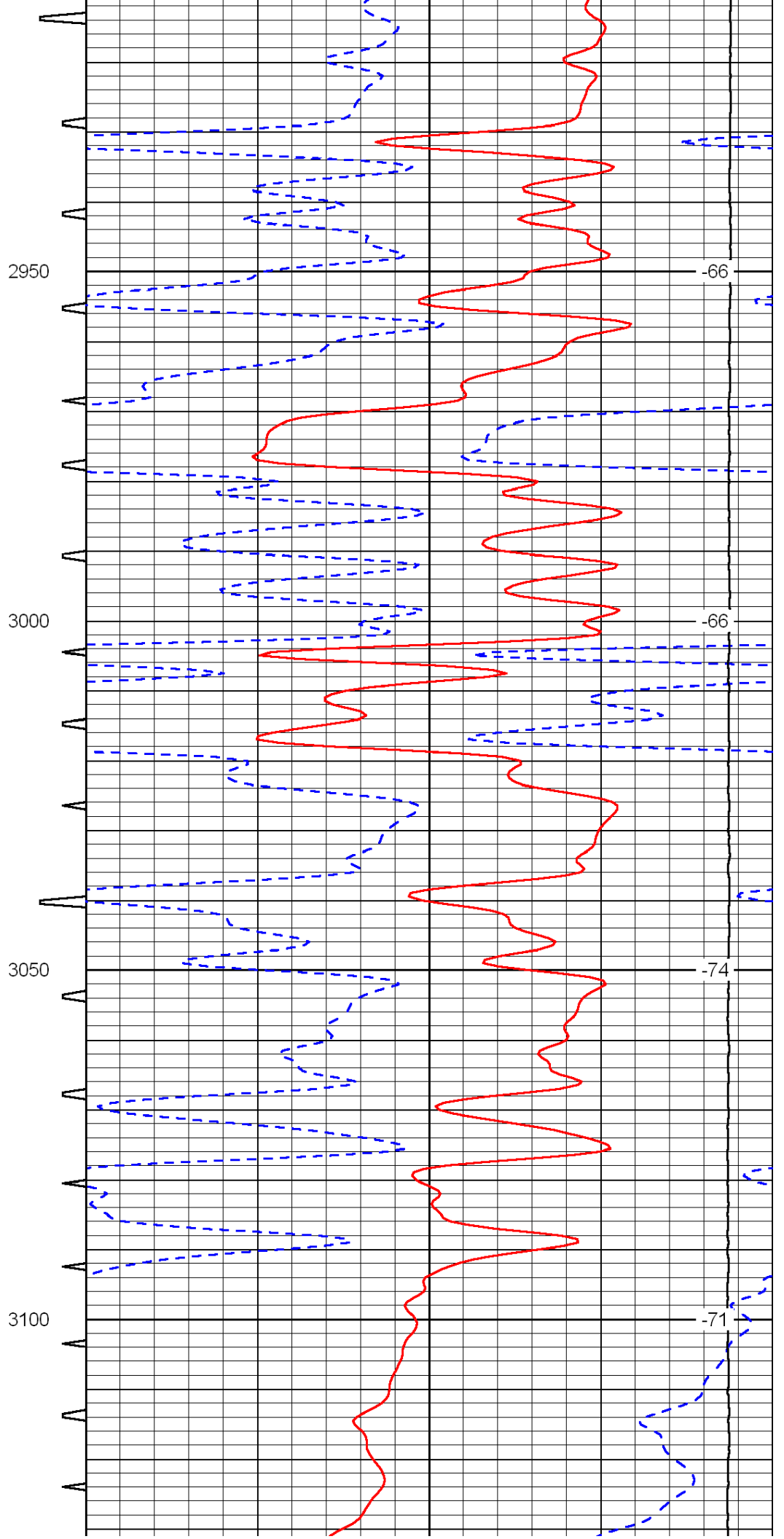
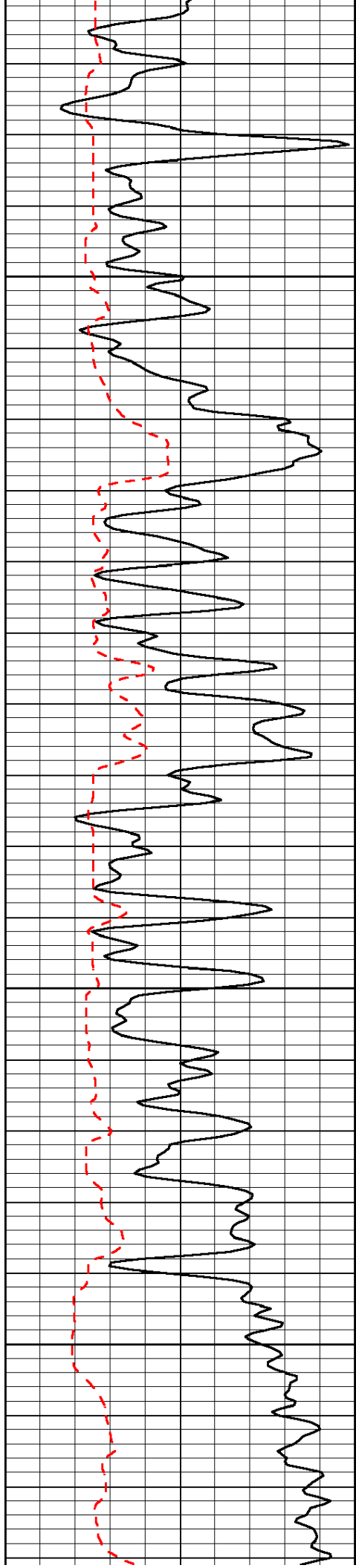


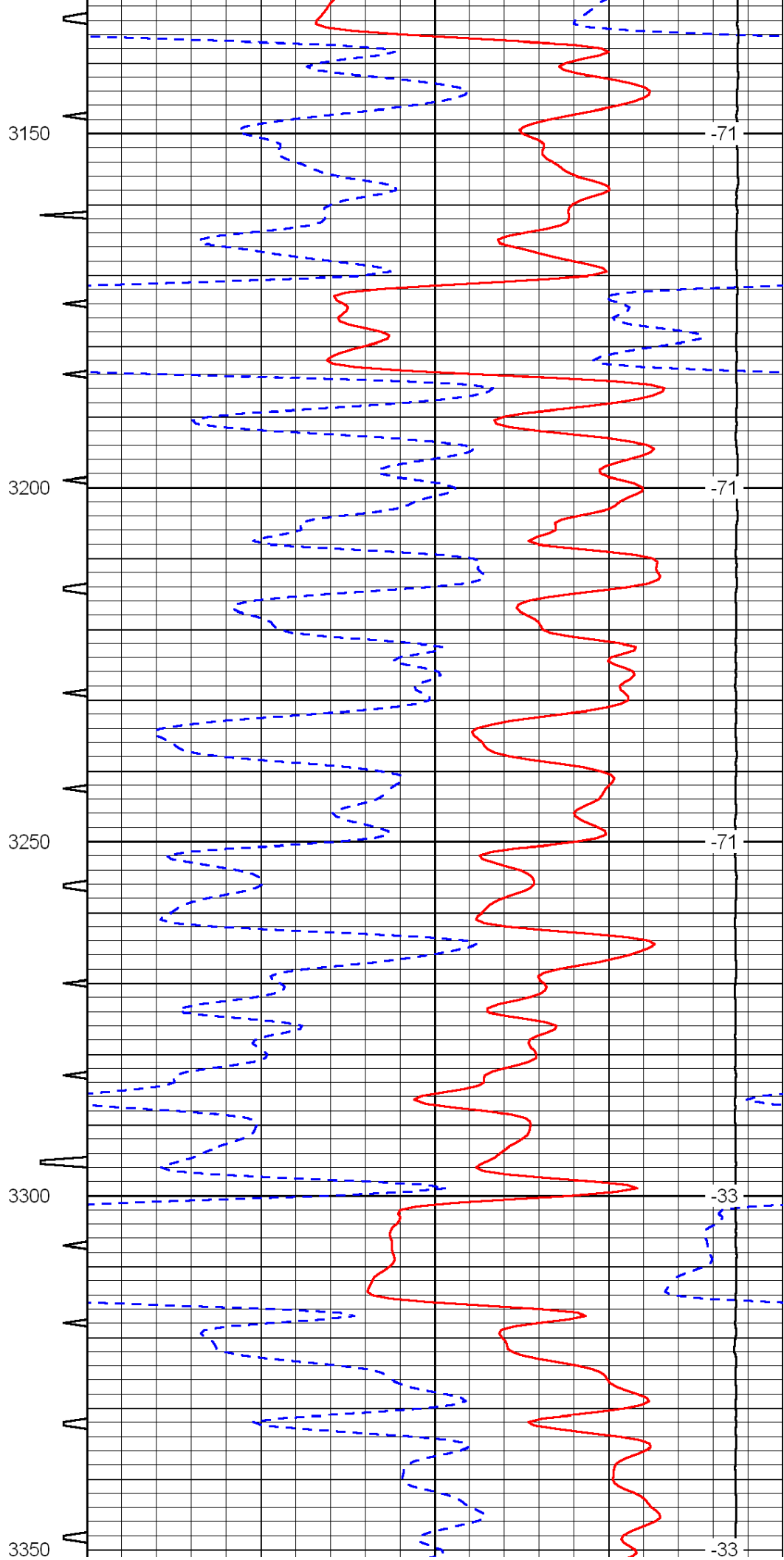
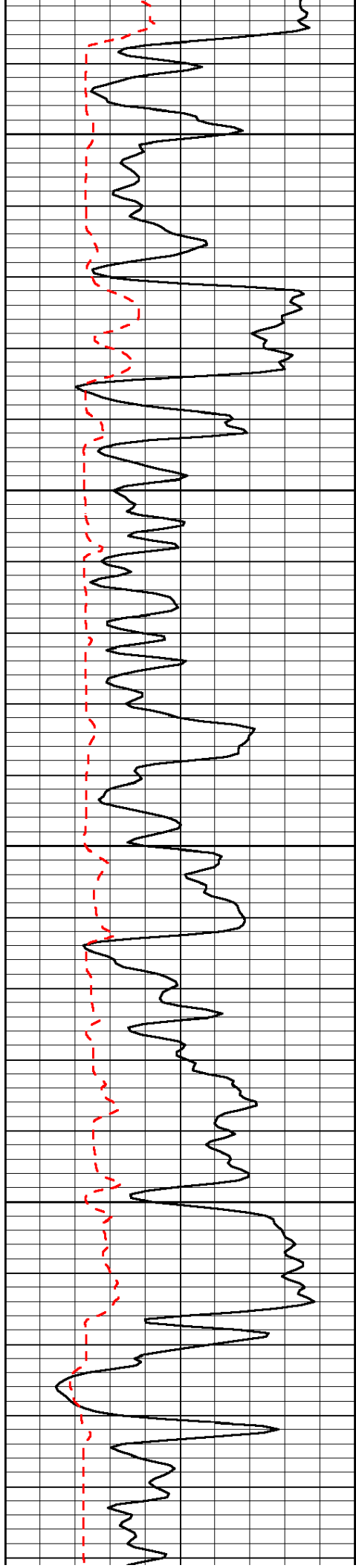


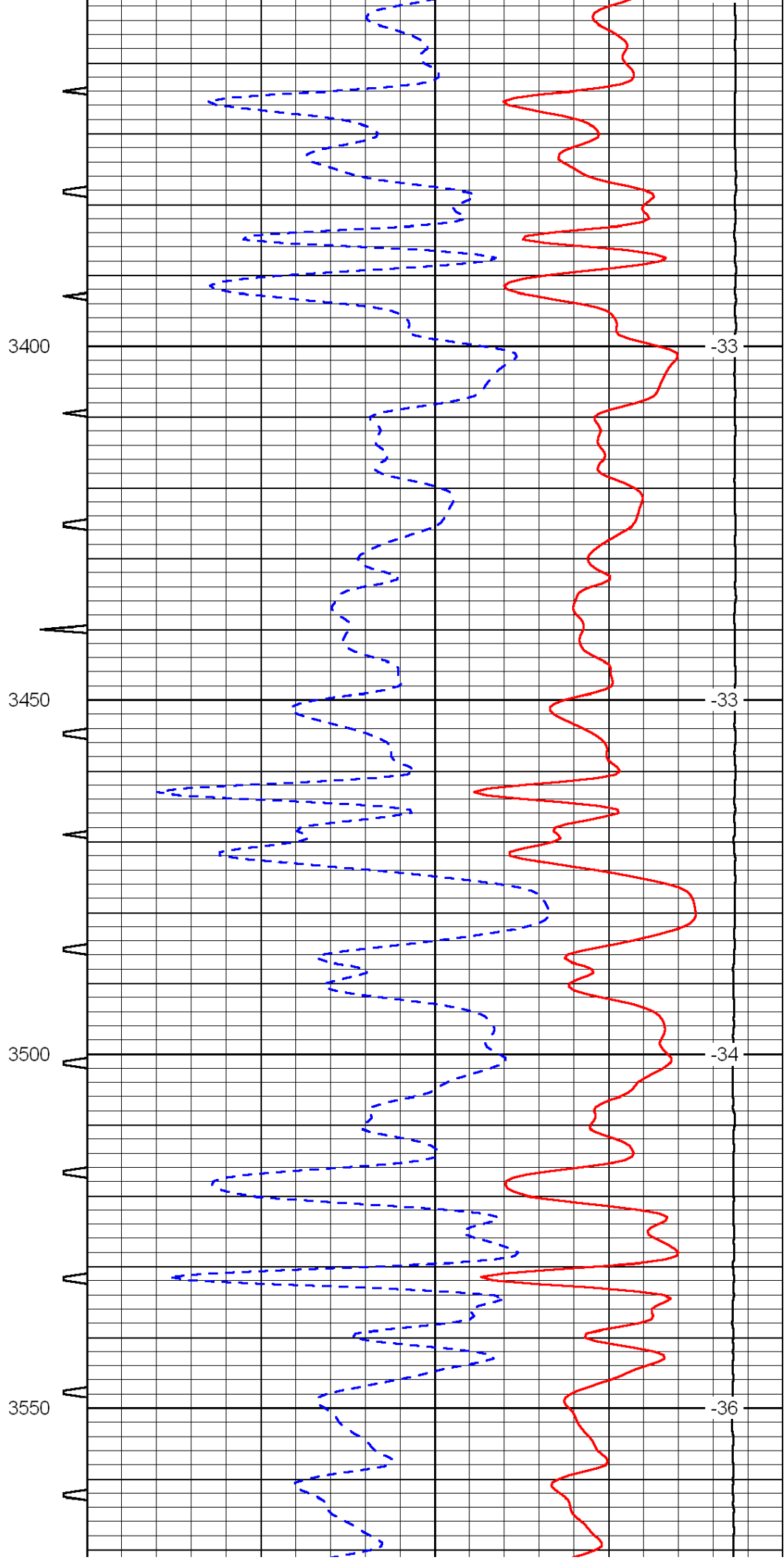
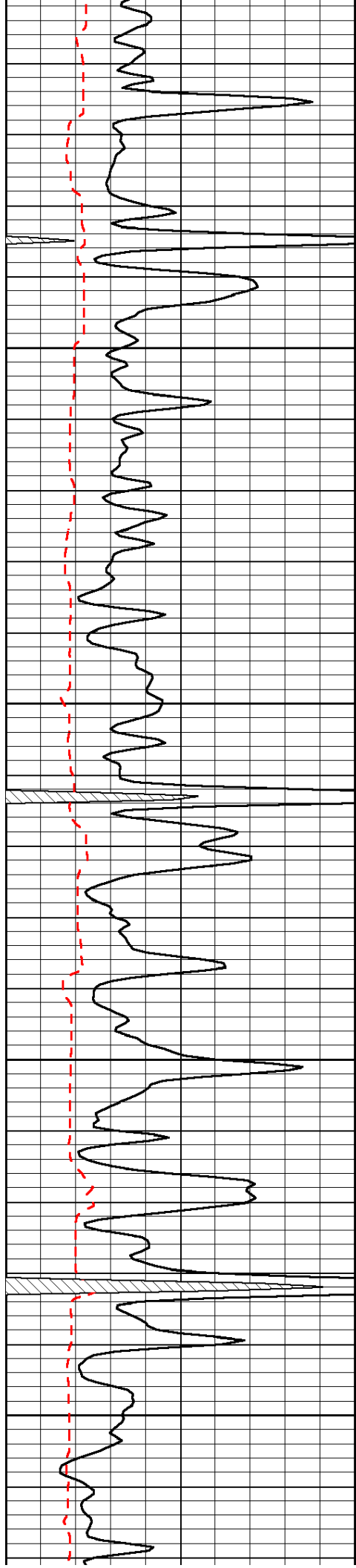


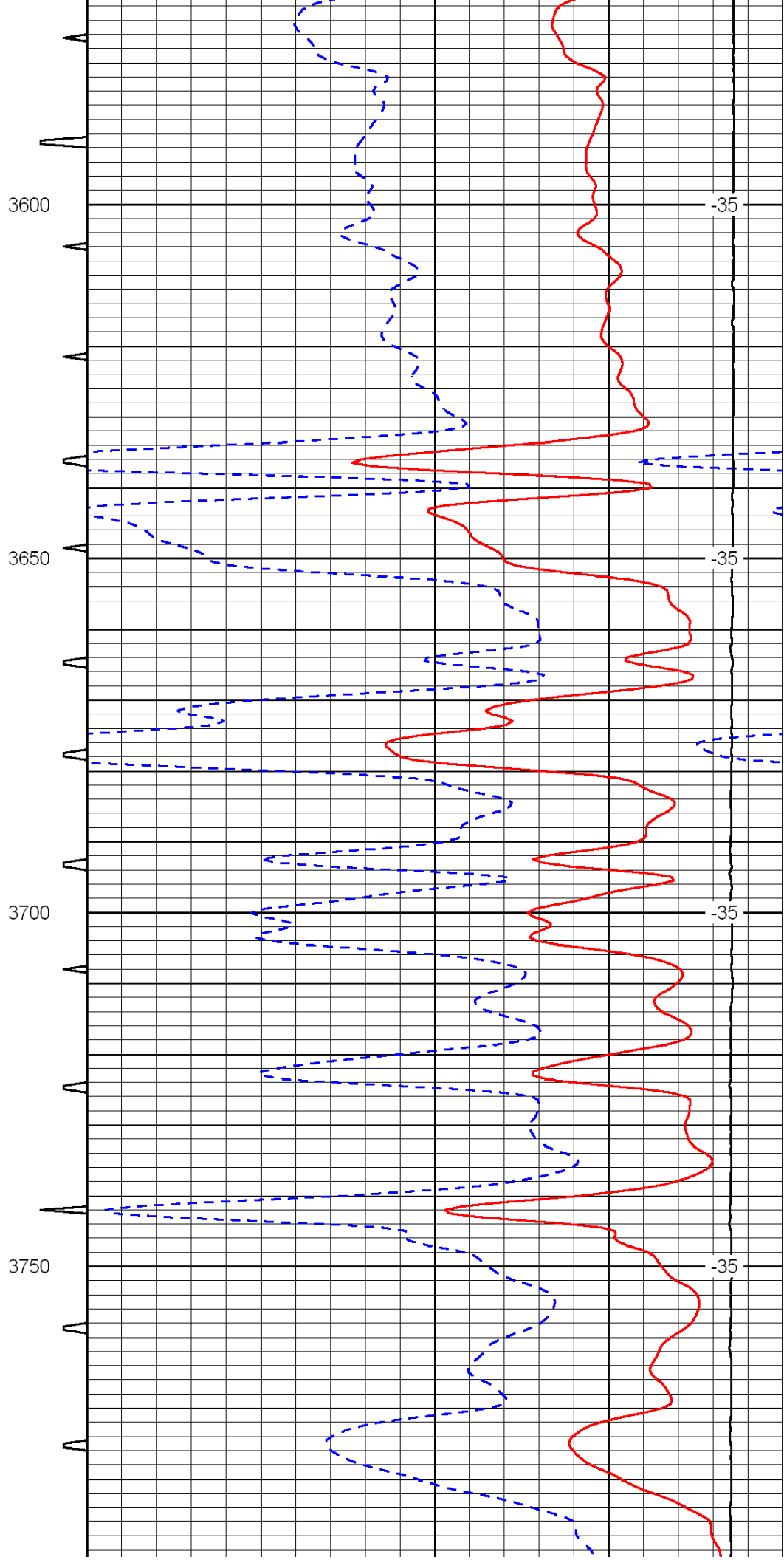
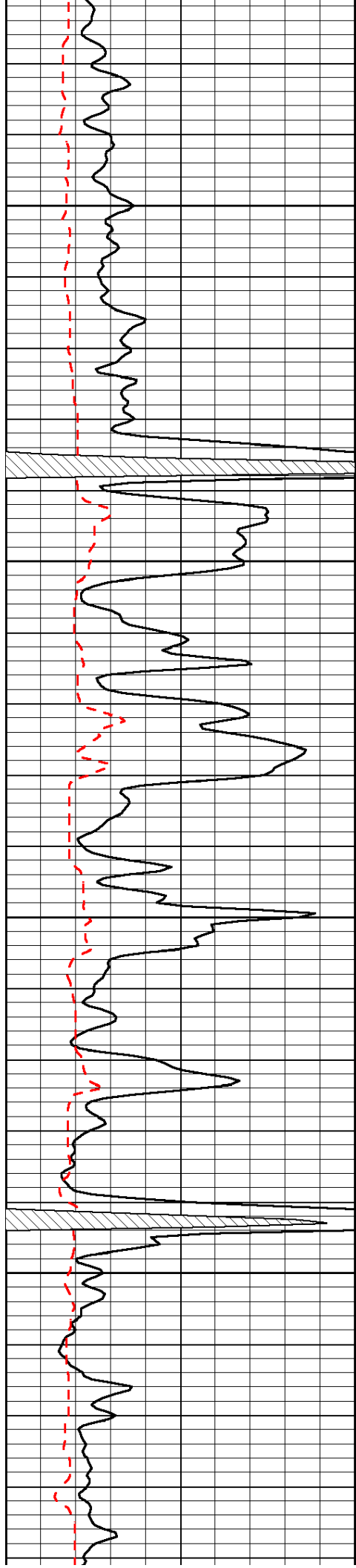


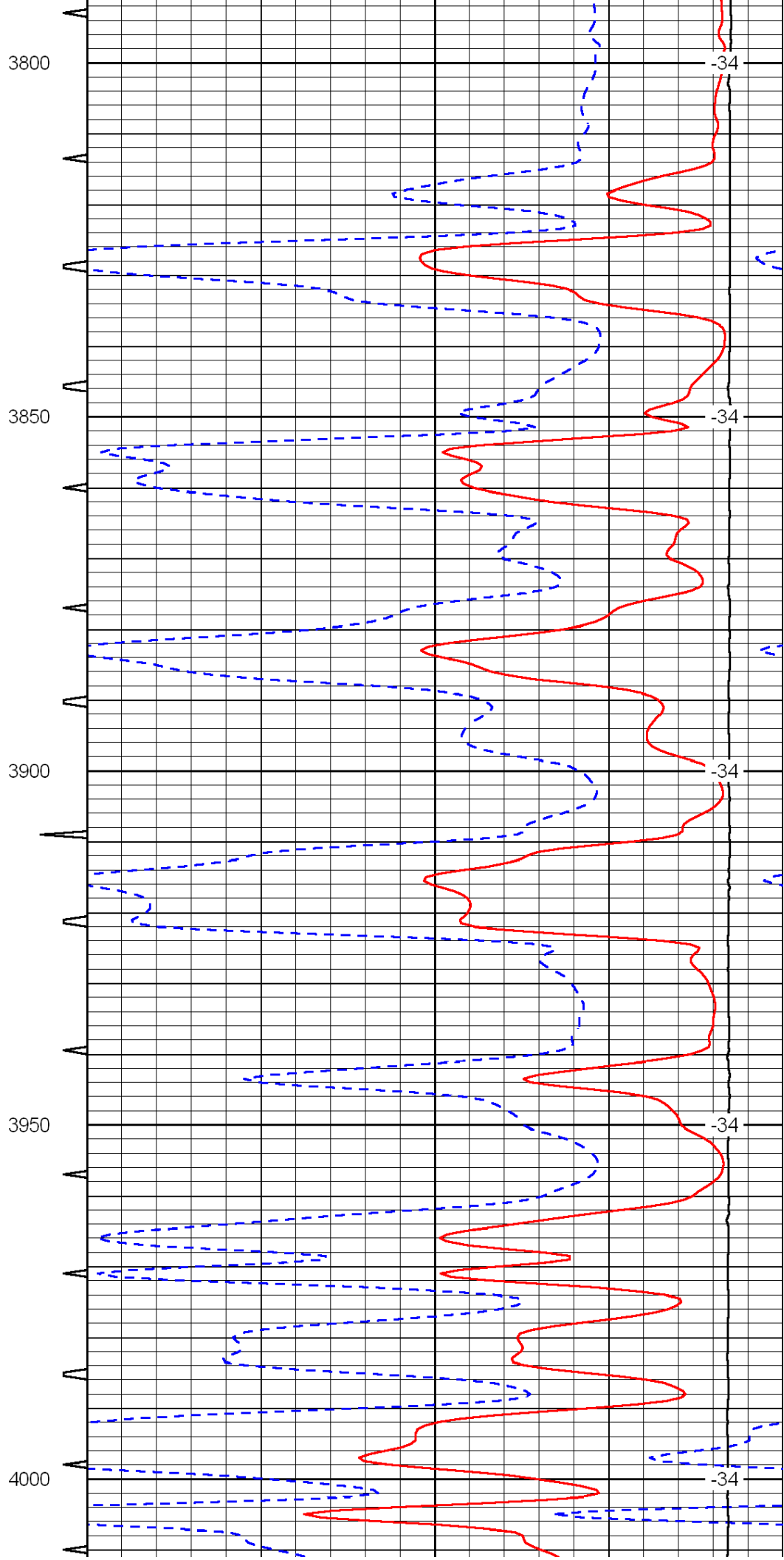
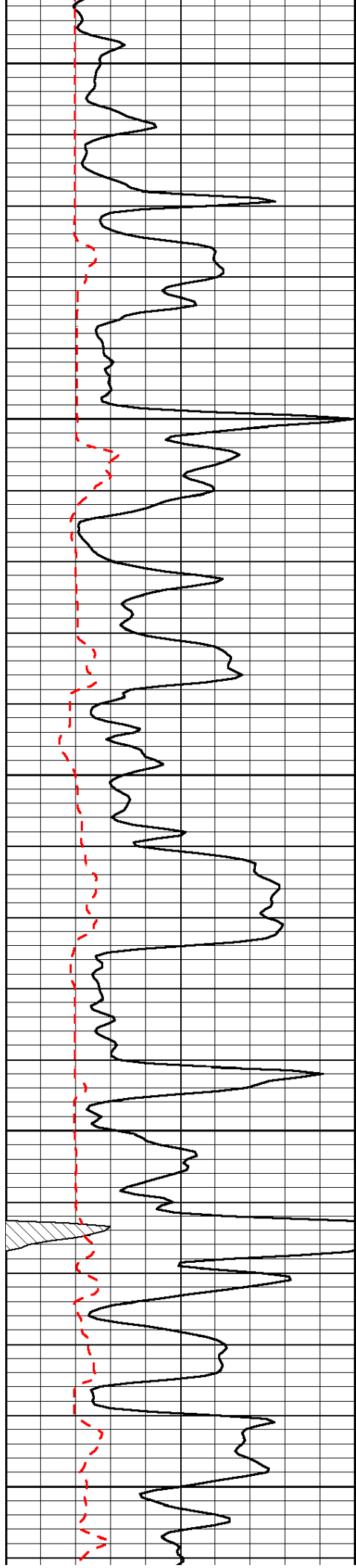


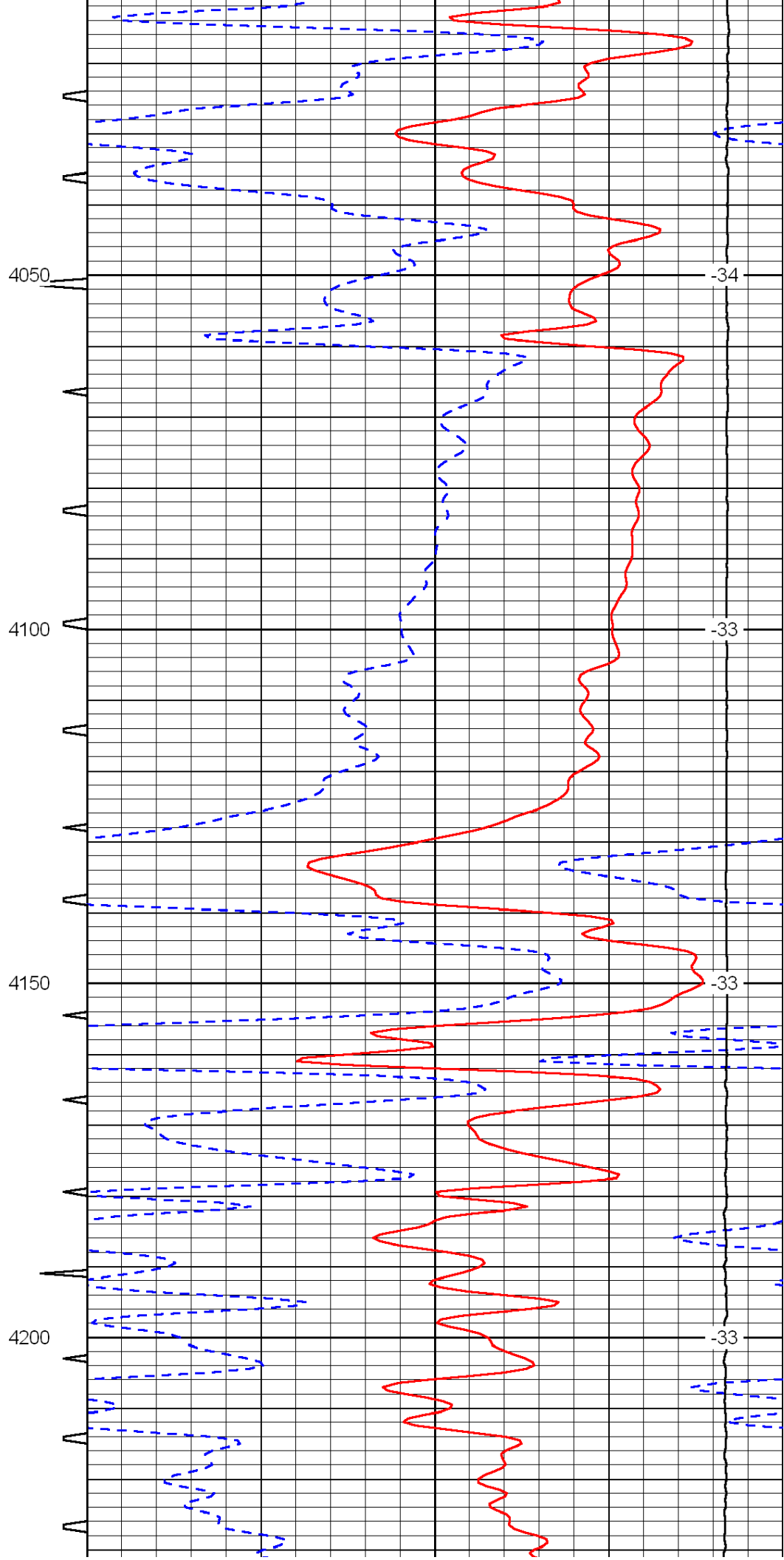
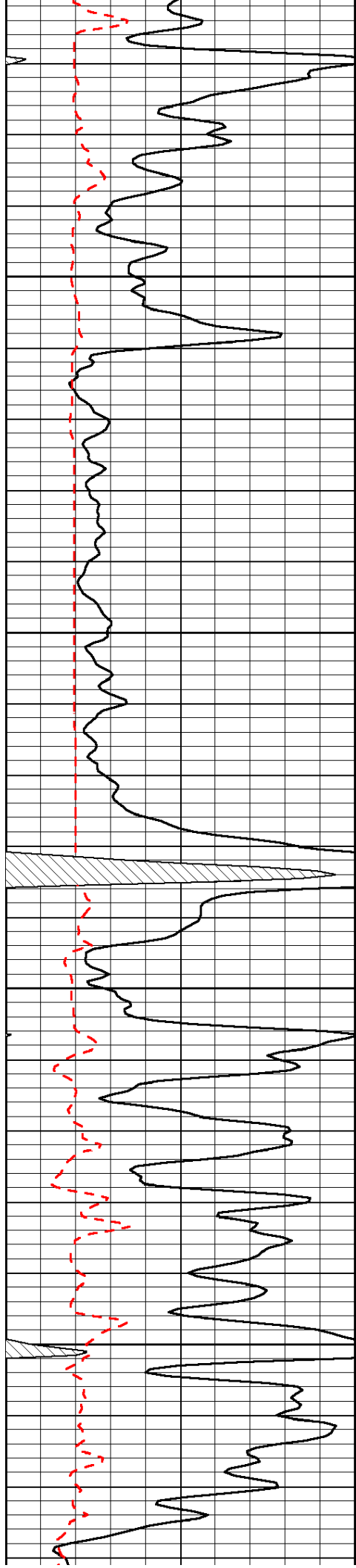


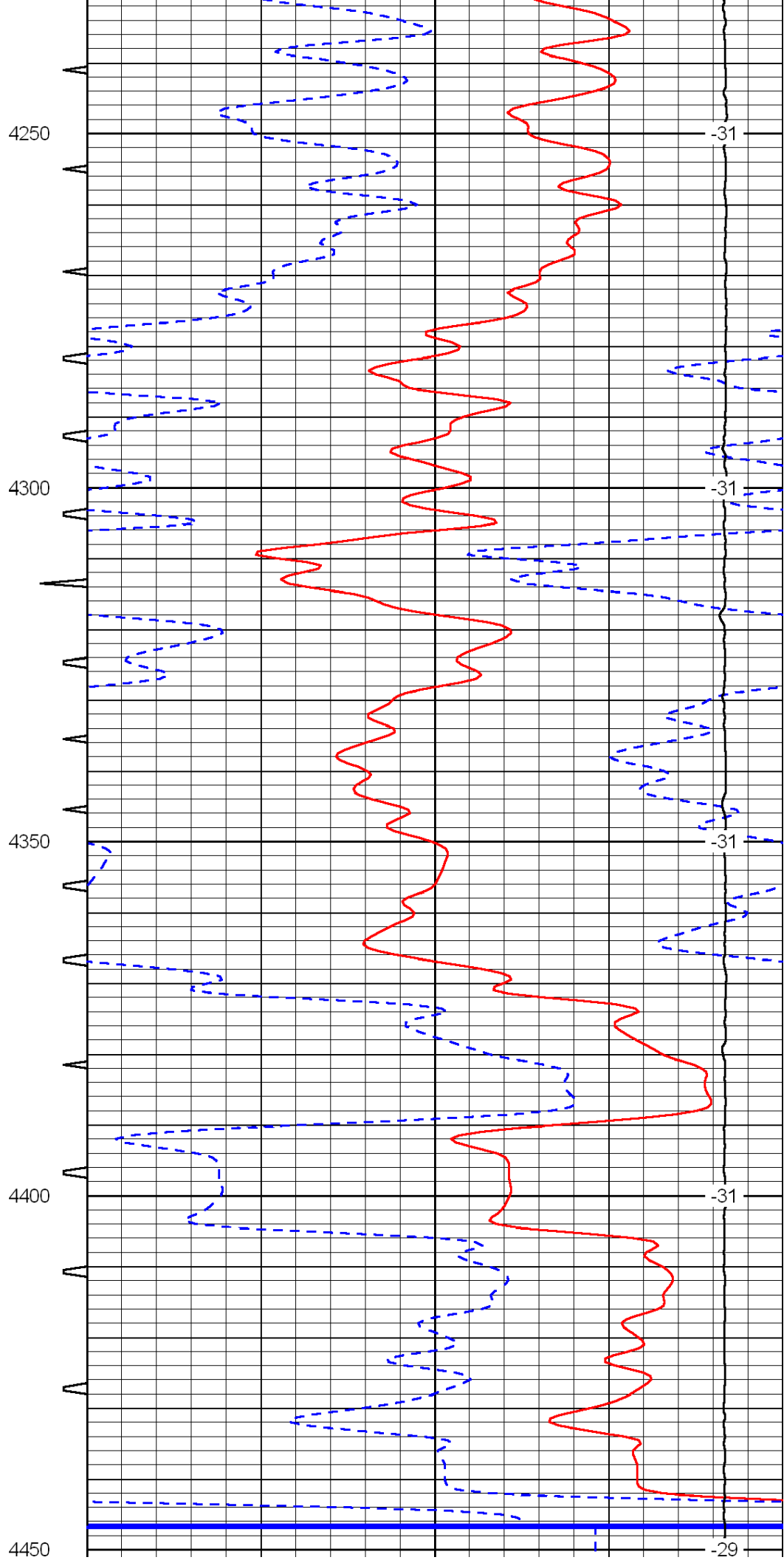
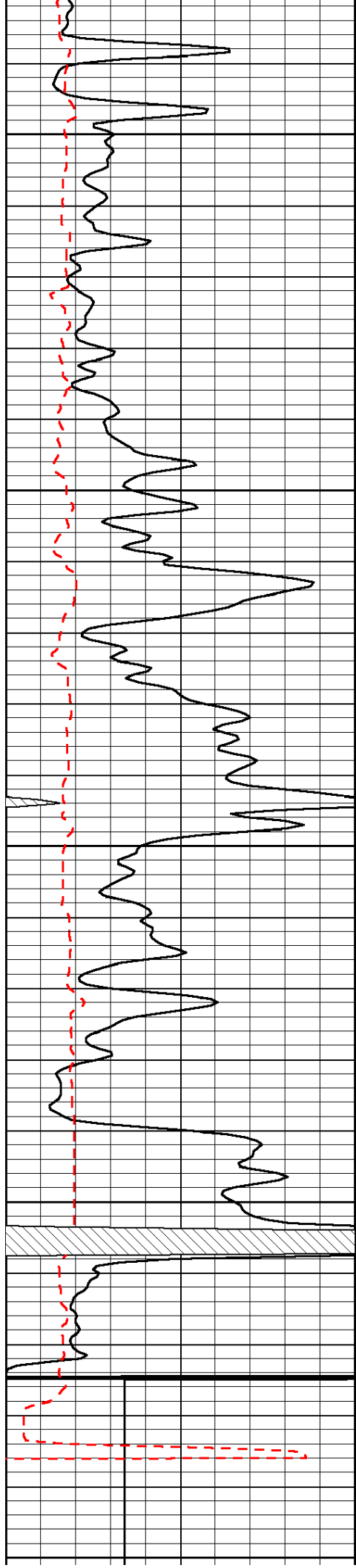












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Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

June 21, 2011

Henry N. Clanton
ARES Energy, LTD
405 N. MARIENFELD, STE 250
MIDLAND, TX 79701

Re: ACO1
API 15-135-25245-00-00
Boese 9-16
SE/4 Sec.09-18S-21W
Ness 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,
Henry N. Clanton