



**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	Flatirons Resources LLC
Well Name	Rush Trust 33-10A
Doc ID	1058215

All Electric Logs Run

Borehole Compensated Sonic
Microresistivity
Dual Induction
Dual Compensated Porosity Log



**Borehole Compensated  
Sonic Log**

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

API No. 15-065-23735-00-00	Company <b>Flatirons Resources, LLC</b>	Location <b>SE NW SE 1890' FSL / 1700' FEL</b>	Other Services CNL / CDL MEL / DIL
Well <b>Rush Trust #33-10A</b>	County <b>Graham</b>		
Field <b>Springbird East</b>	State <b>Kansas</b>		
Sec: <b>10</b>	Twp: <b>6S</b>	Rge: <b>22W</b>	

Permanent Datum	Ground Level	Elevation	2254
Log Measured From	Kelly Bushing	7	Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing		
Date	5/6/2011	K.B.	2261
		D.F.	
		G.L.	2254

Run Number	Two
Type Log	BHC Sonic
Depth Driller	3731
Depth Logger	3734
Bottom Logged Interval	3723
Top Logged Interval	250
Type Fluid In Hole	Chemical
Salinity, PPM CL	1000
Density	8.9
Level	Full
Max. Rec. Temp. F	113
Operating Rig Time	5 Hours
Equipment -- Location	15 Hays
Recorded By	R. Barnhart
Witnessed By	Roger Moses

Borehole Record				Casing Record			
Run No	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	258	8.625	23#	00	258
Two	7.875	258	TD				

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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**

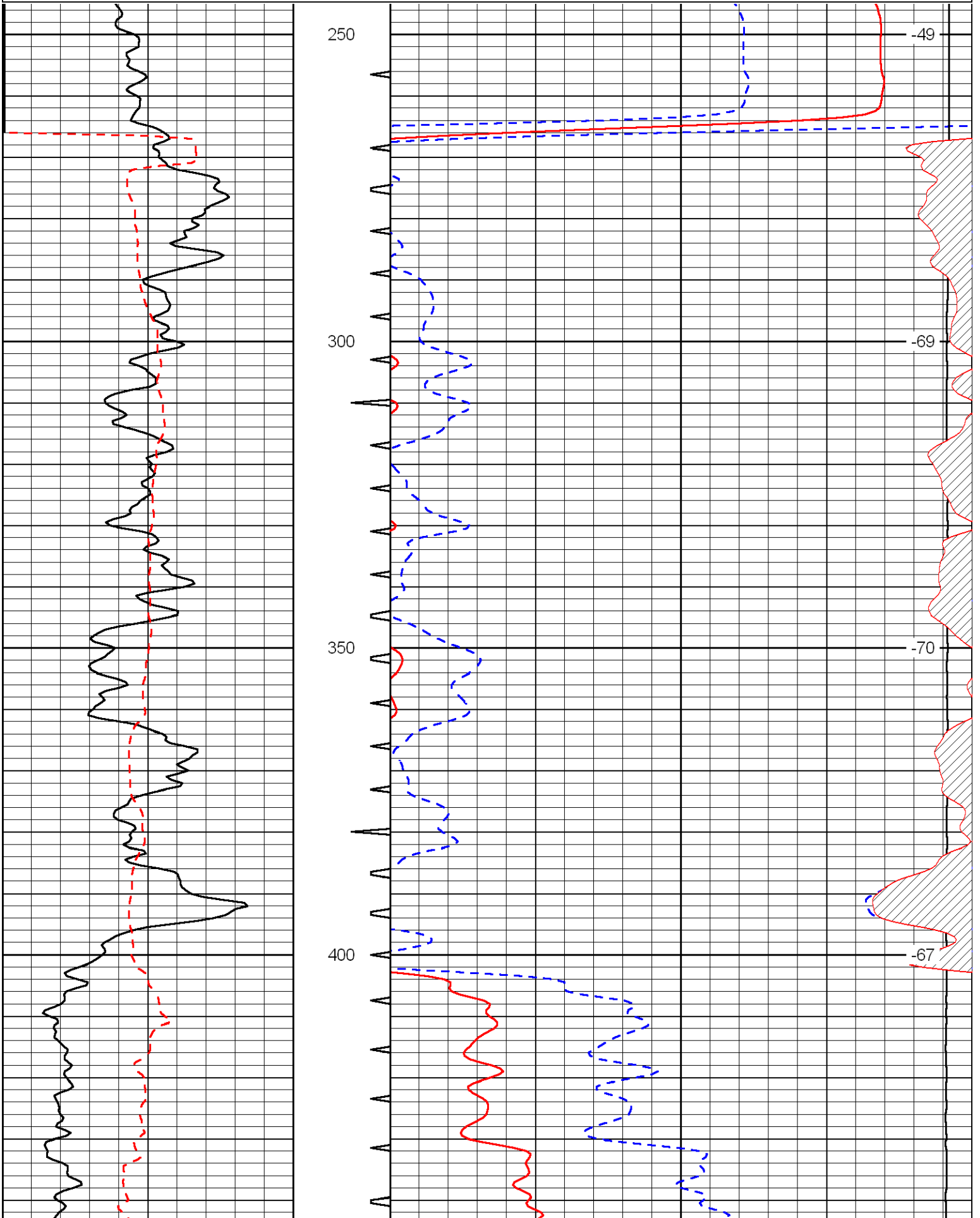
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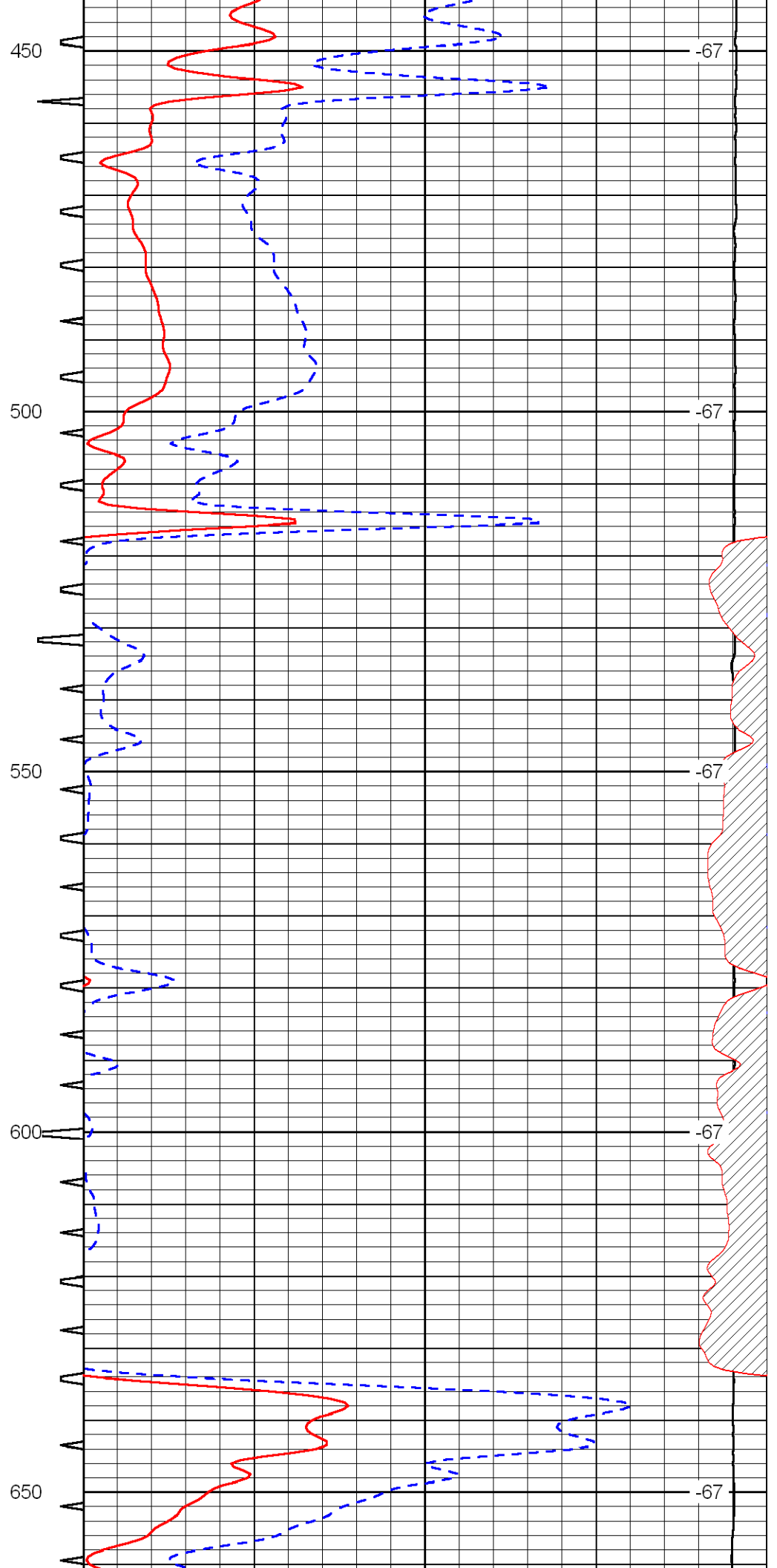
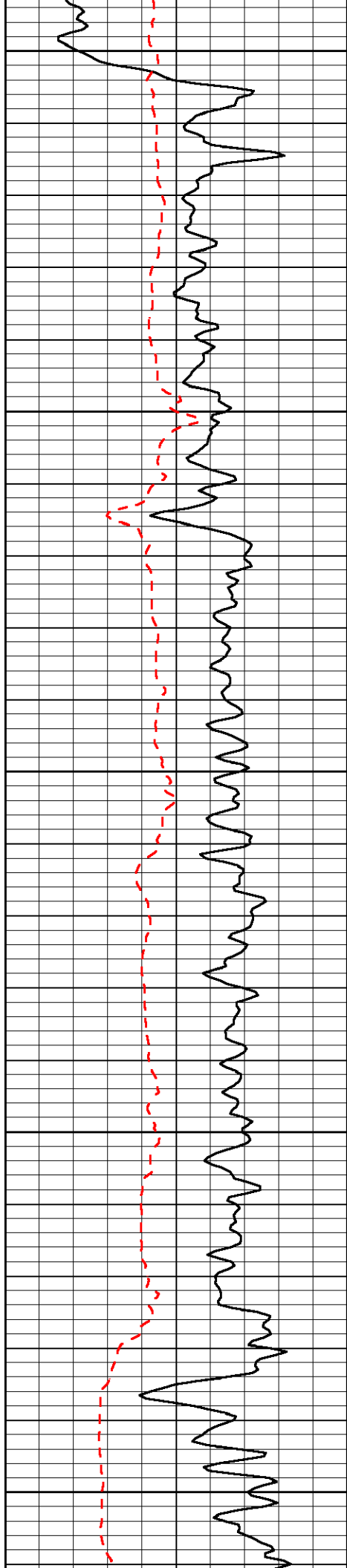
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N to DD Rd, 7E, S into

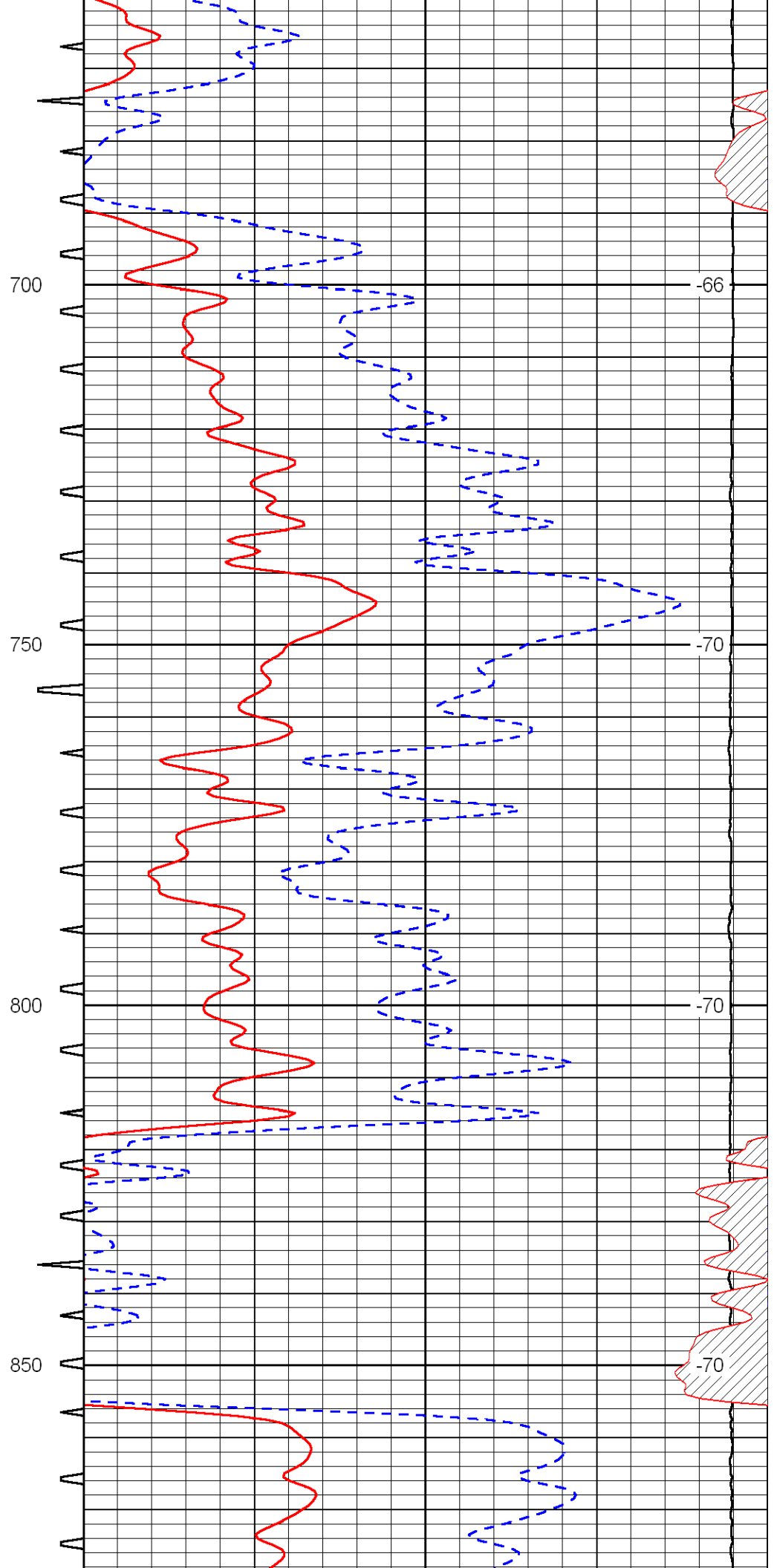
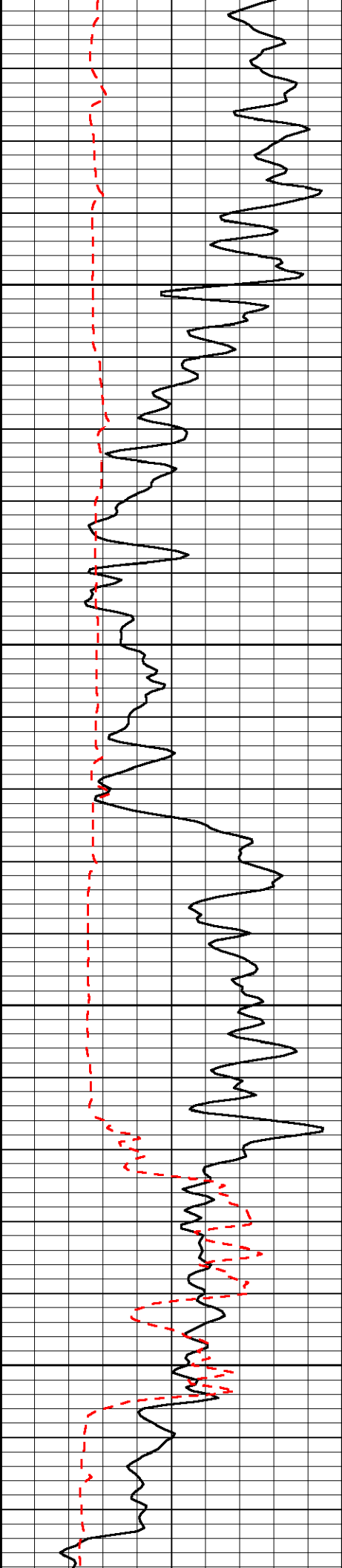
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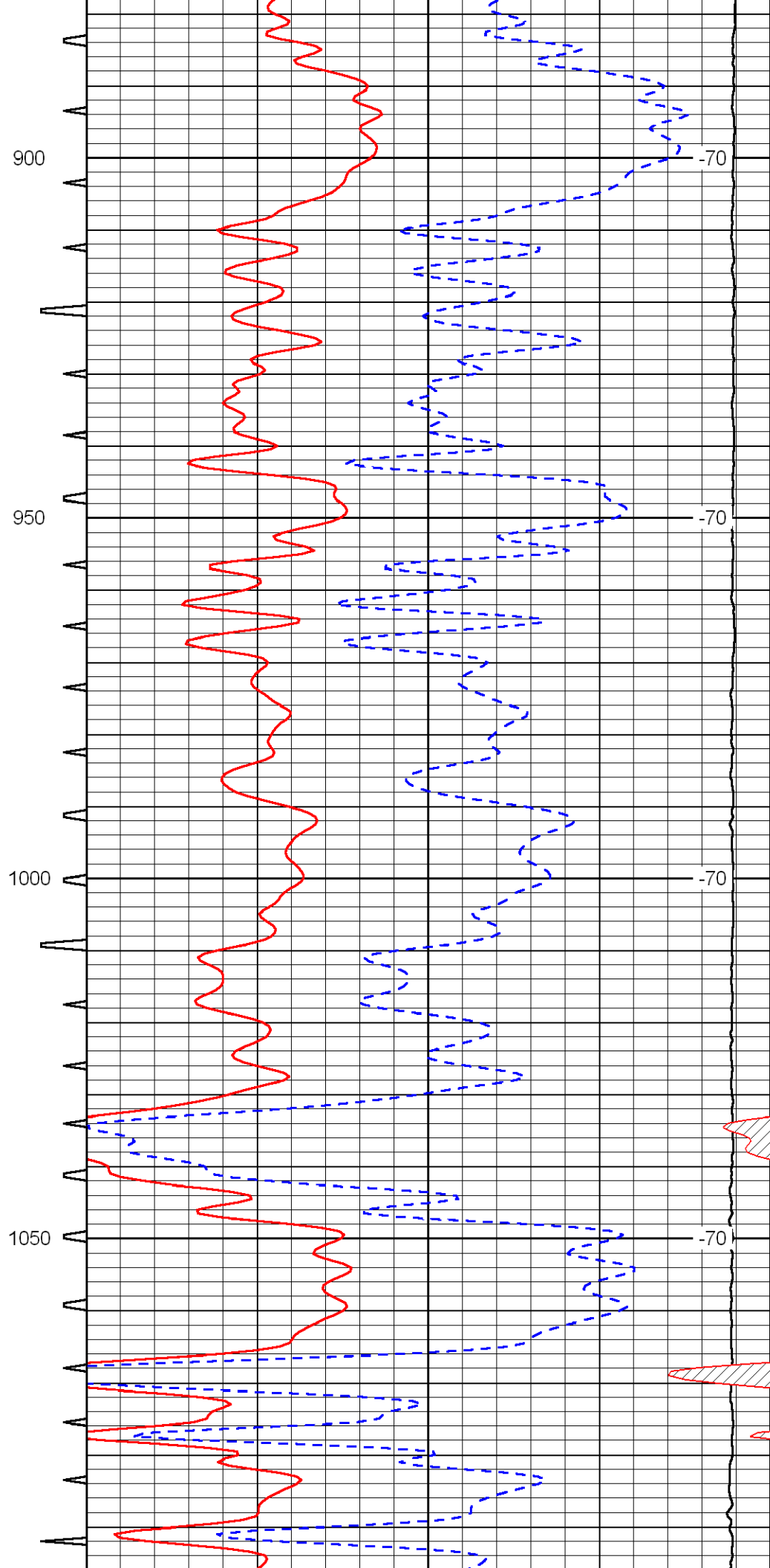
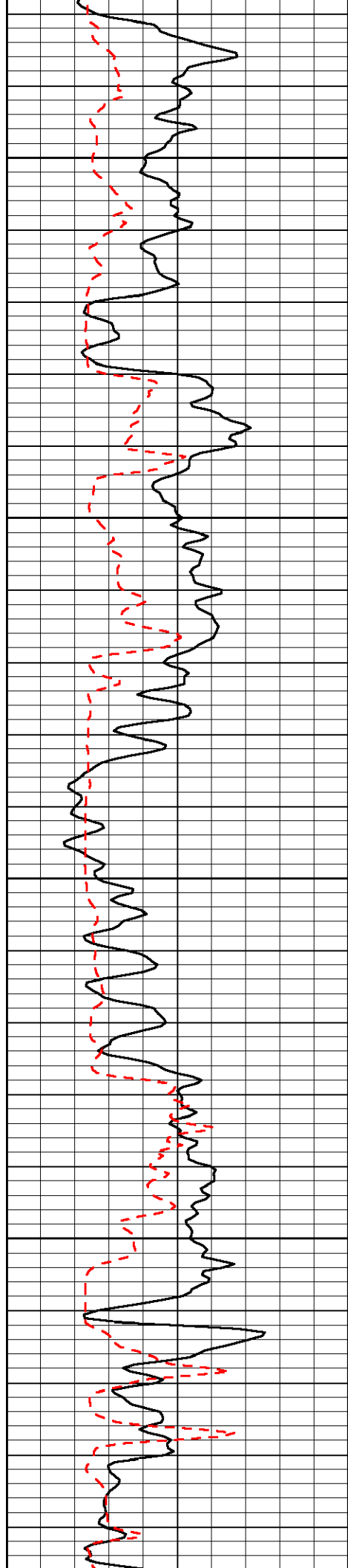
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150	Gamma Ray	300	5	0	Sonic Porosity	-10
6	dCAL (GAPI)	16		15000	LTEN (lb)	0

LSPD

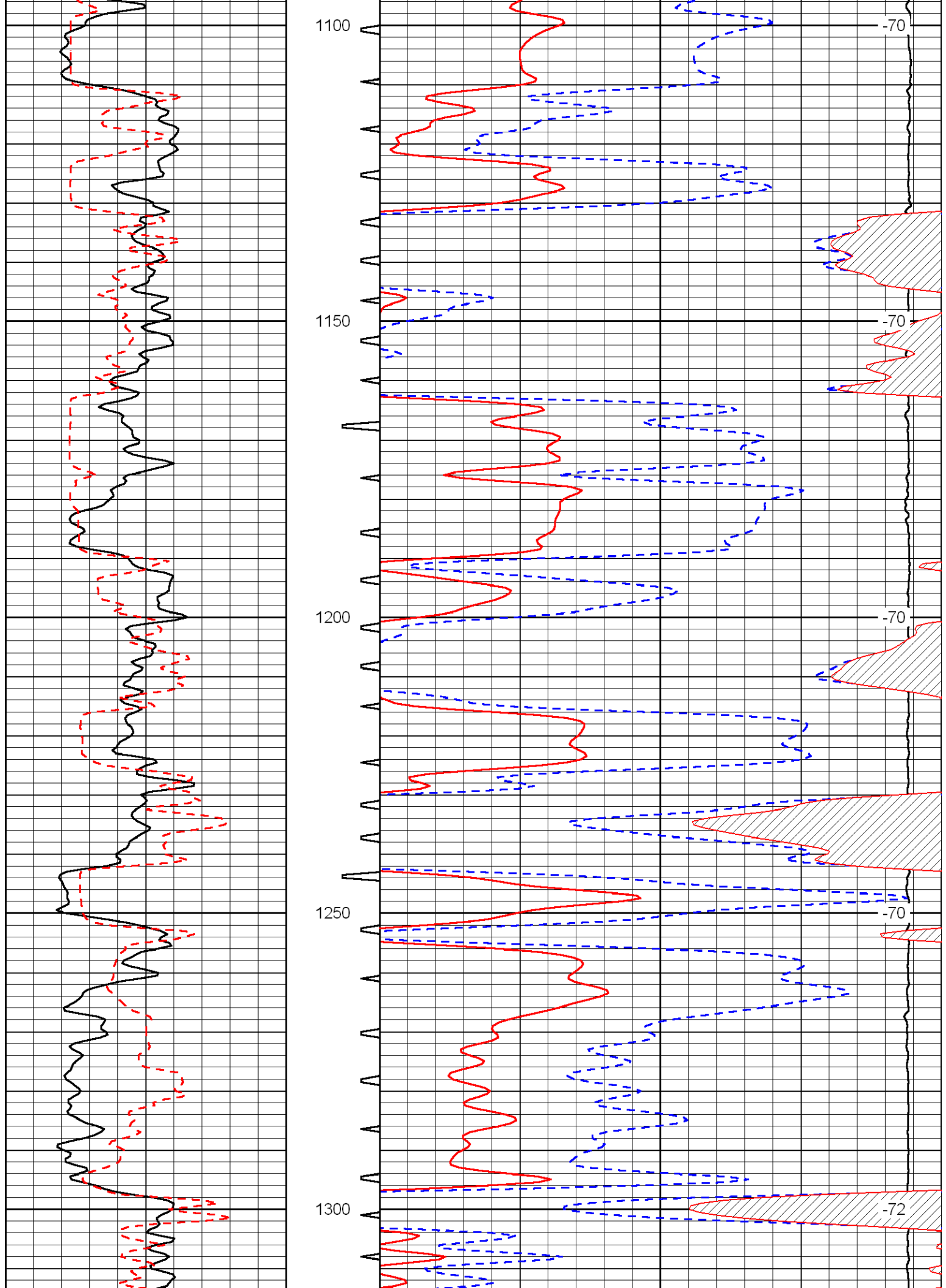


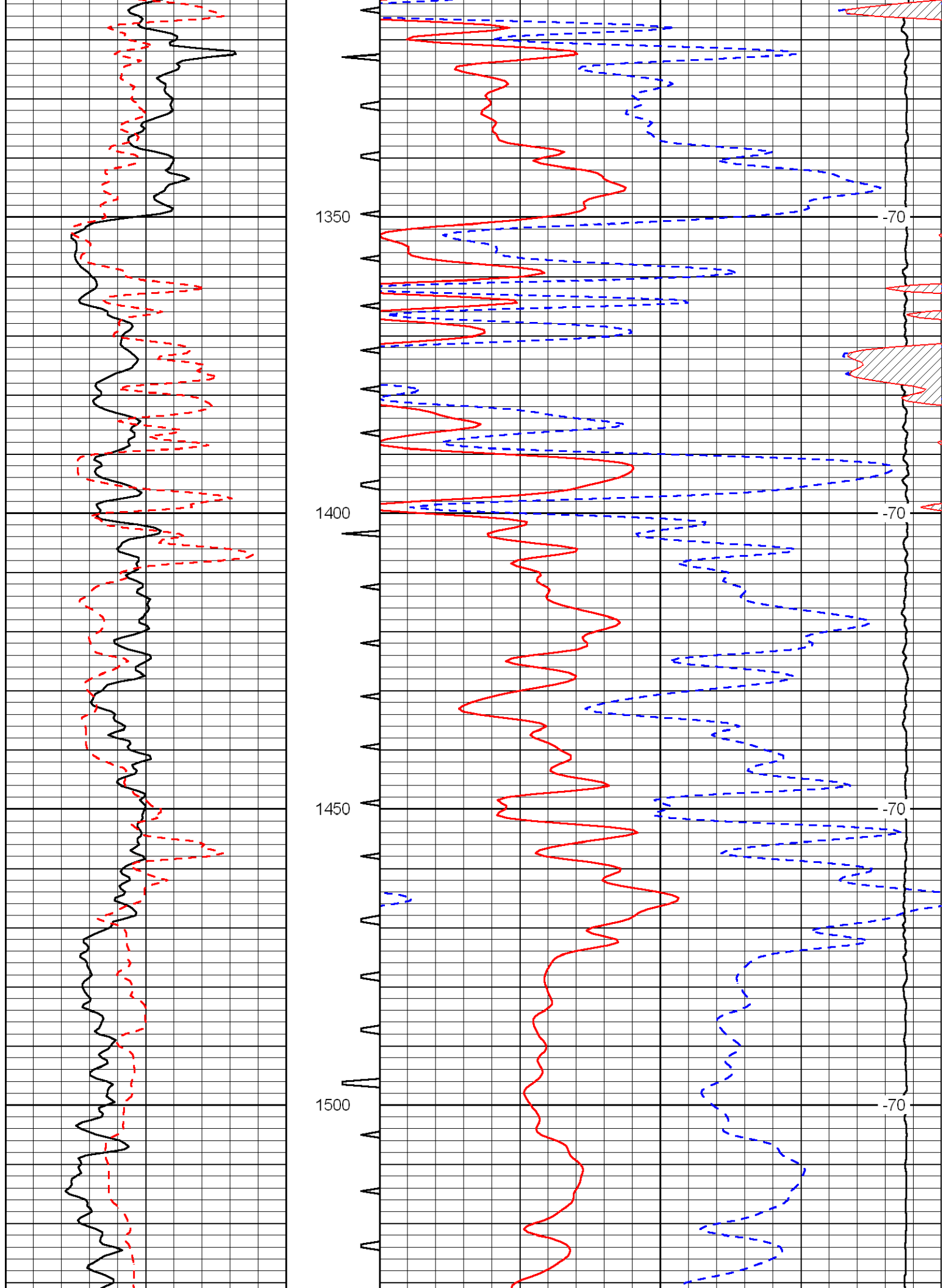


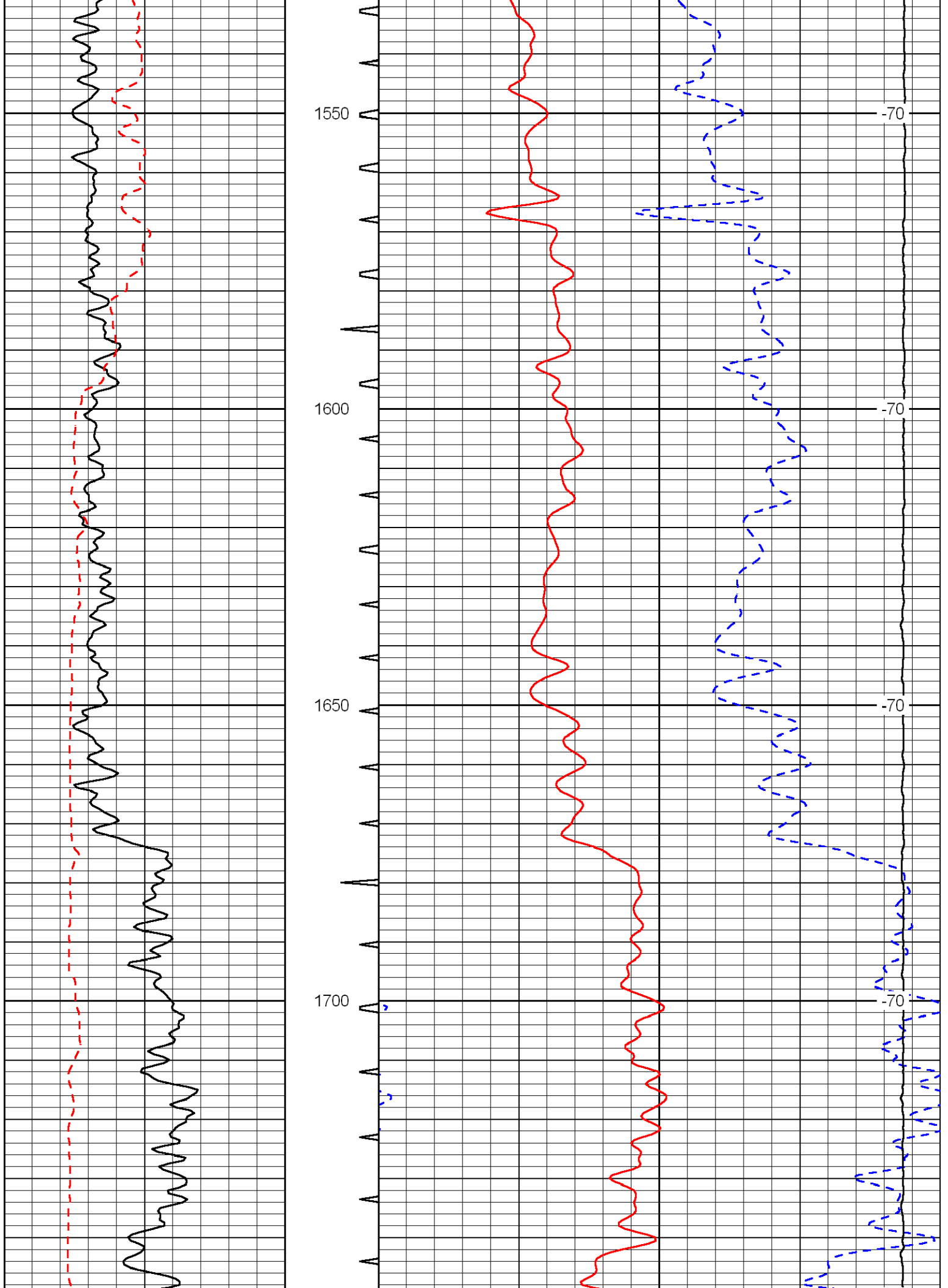


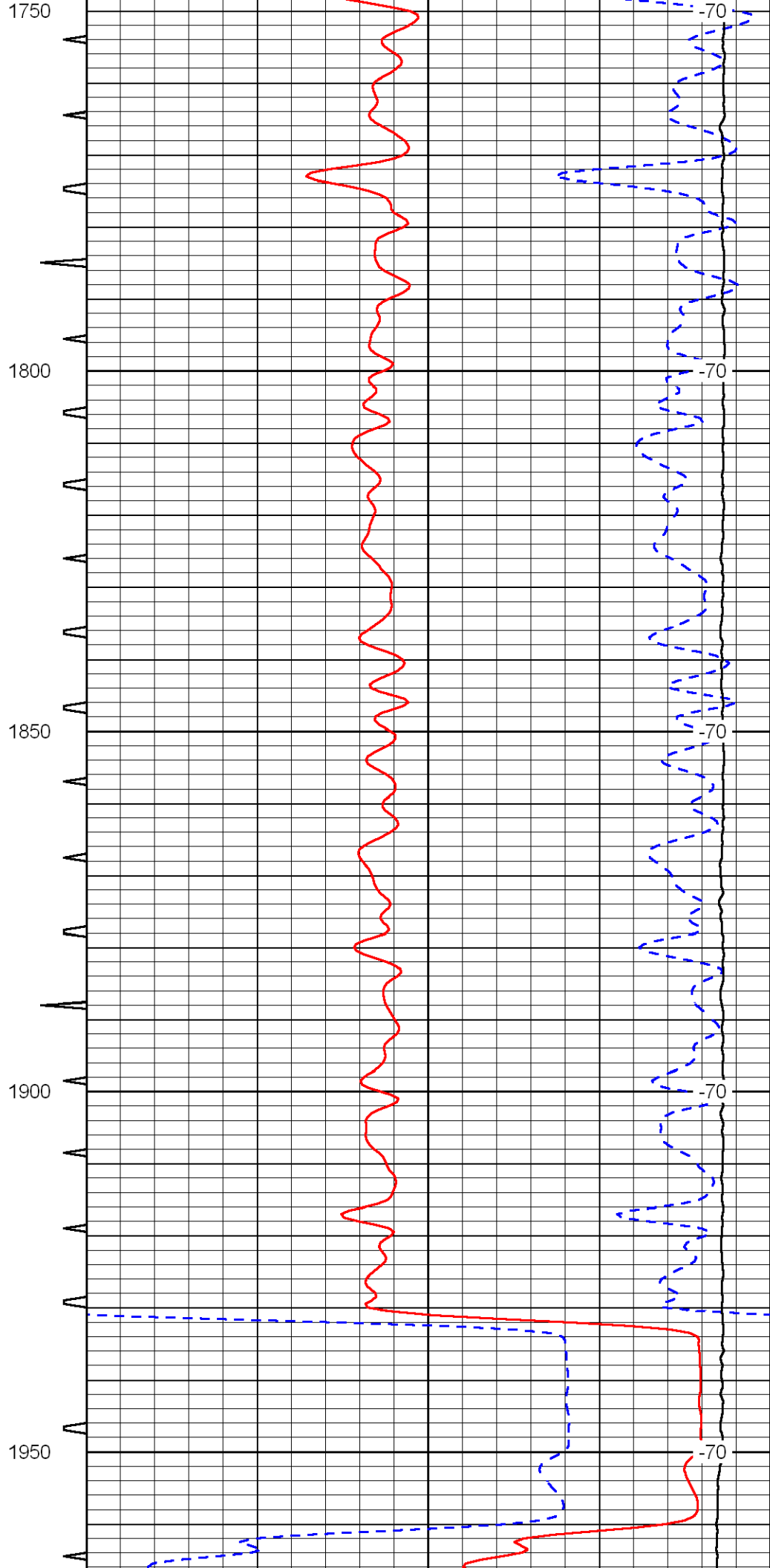
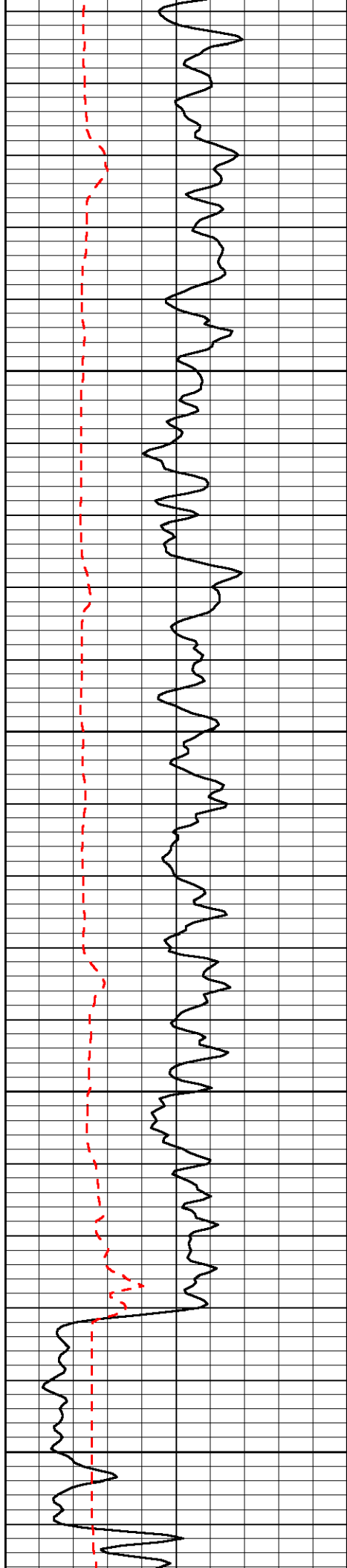


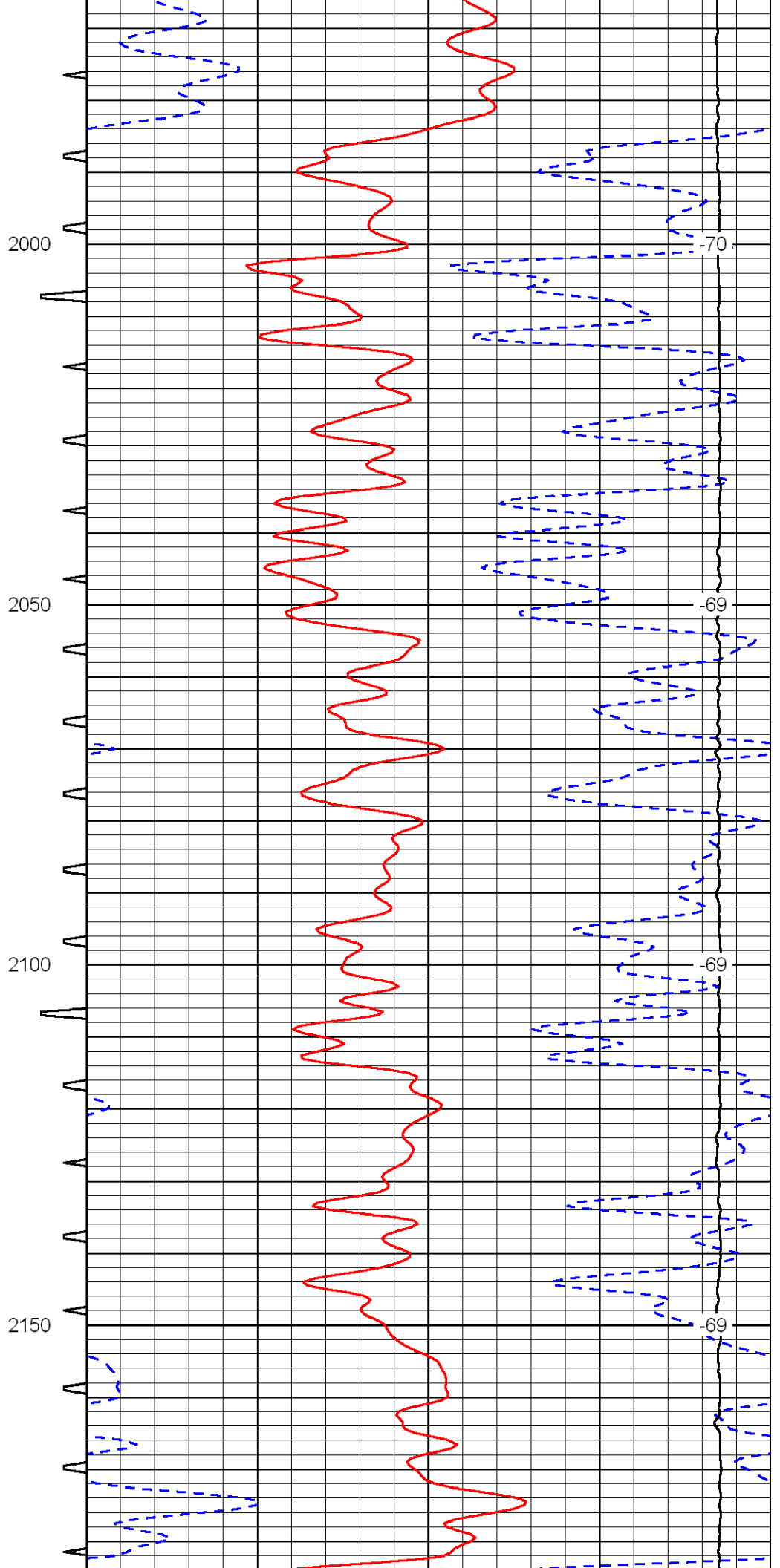
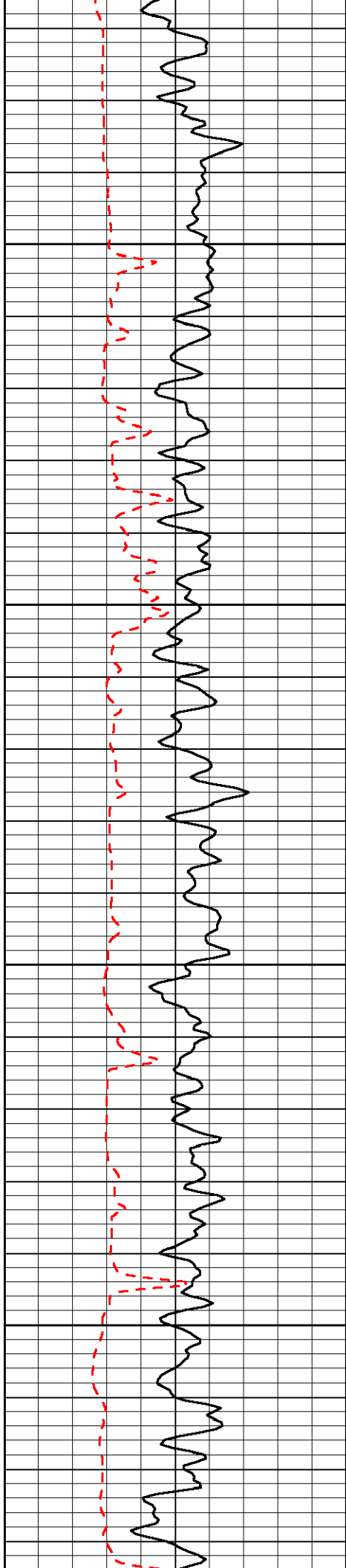


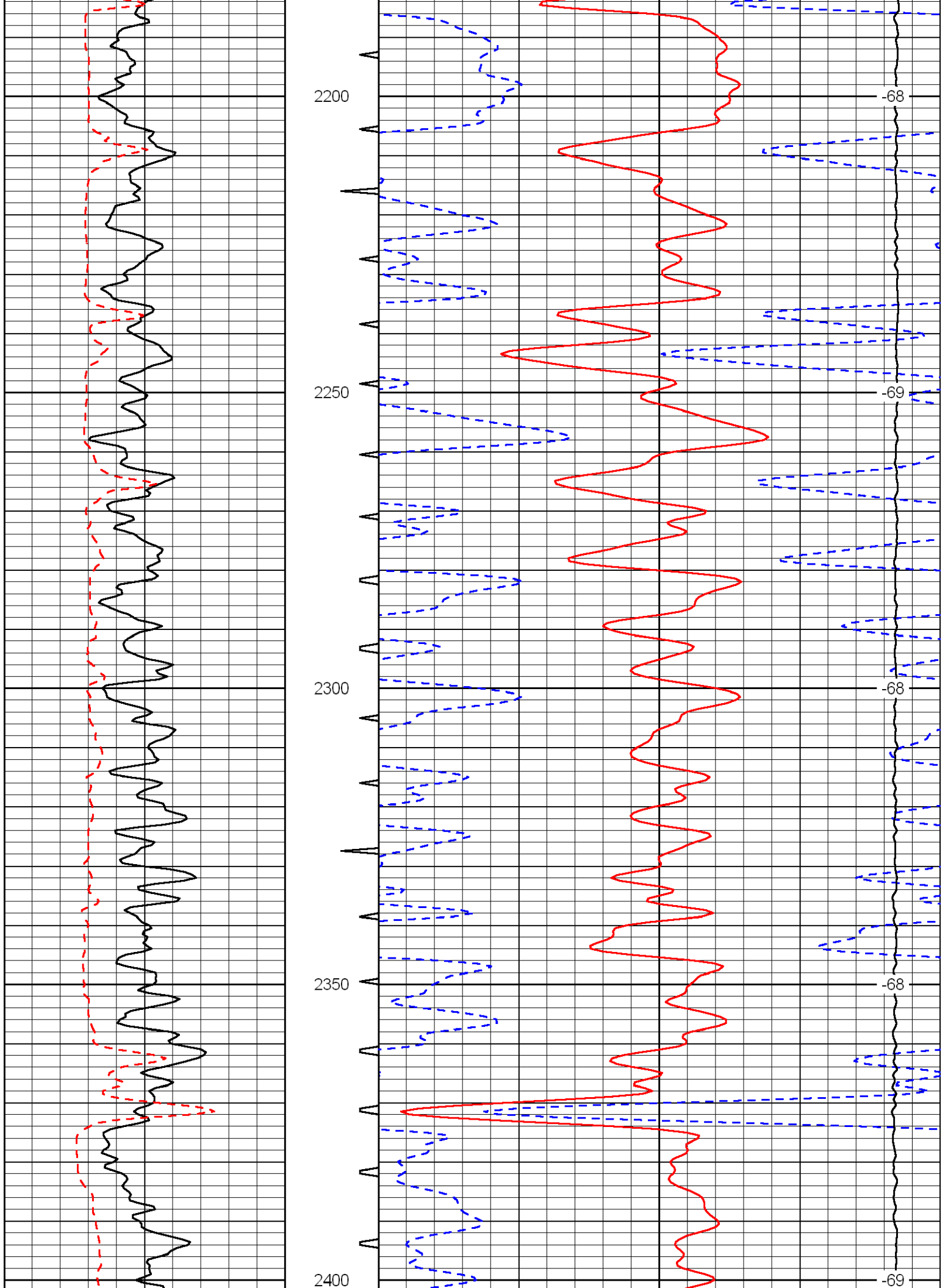


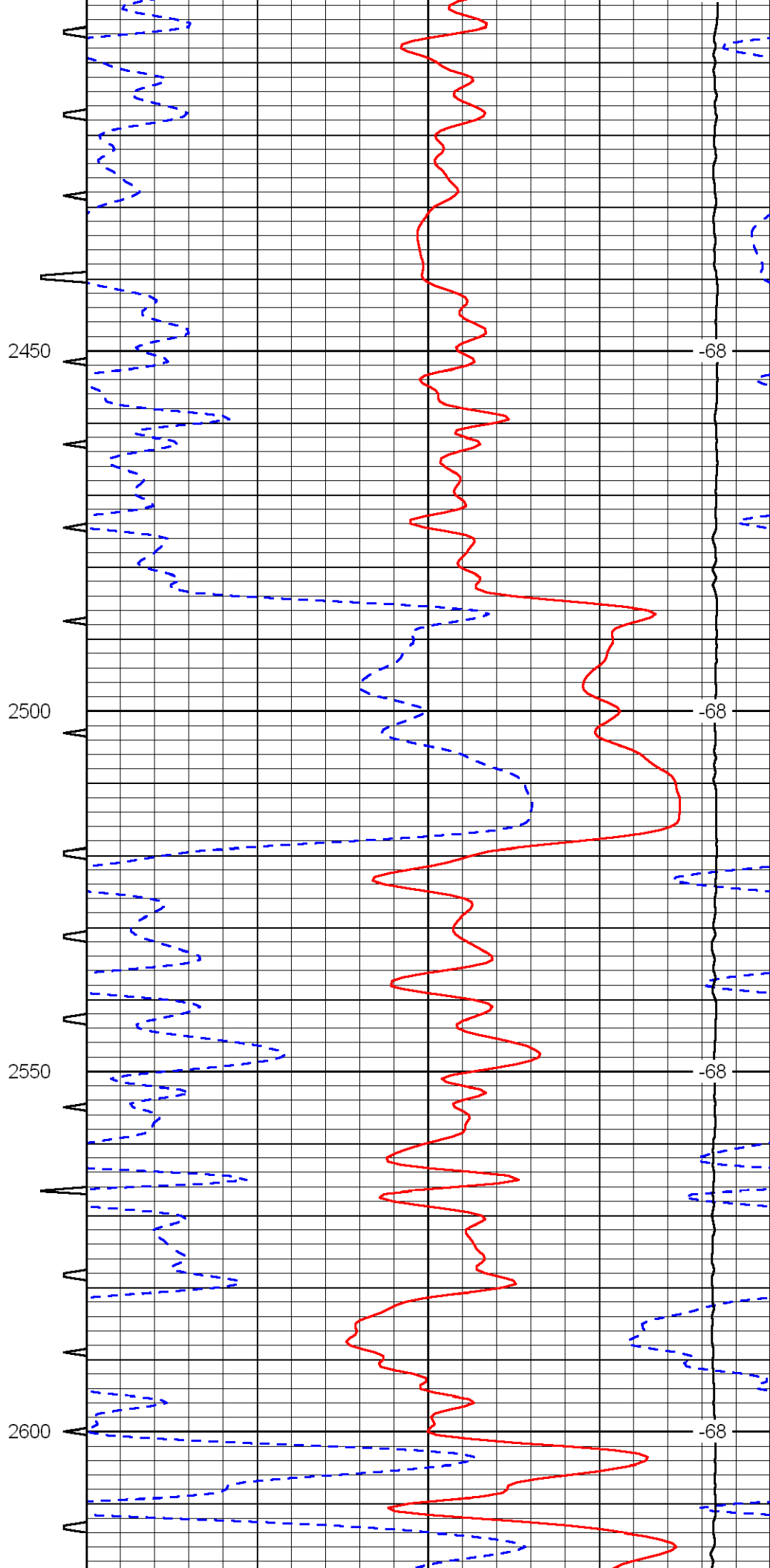
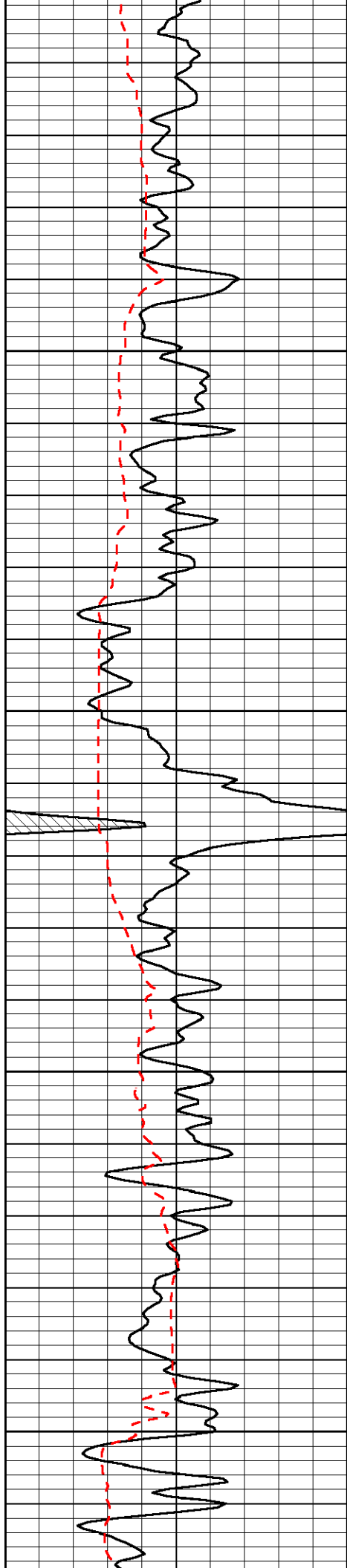


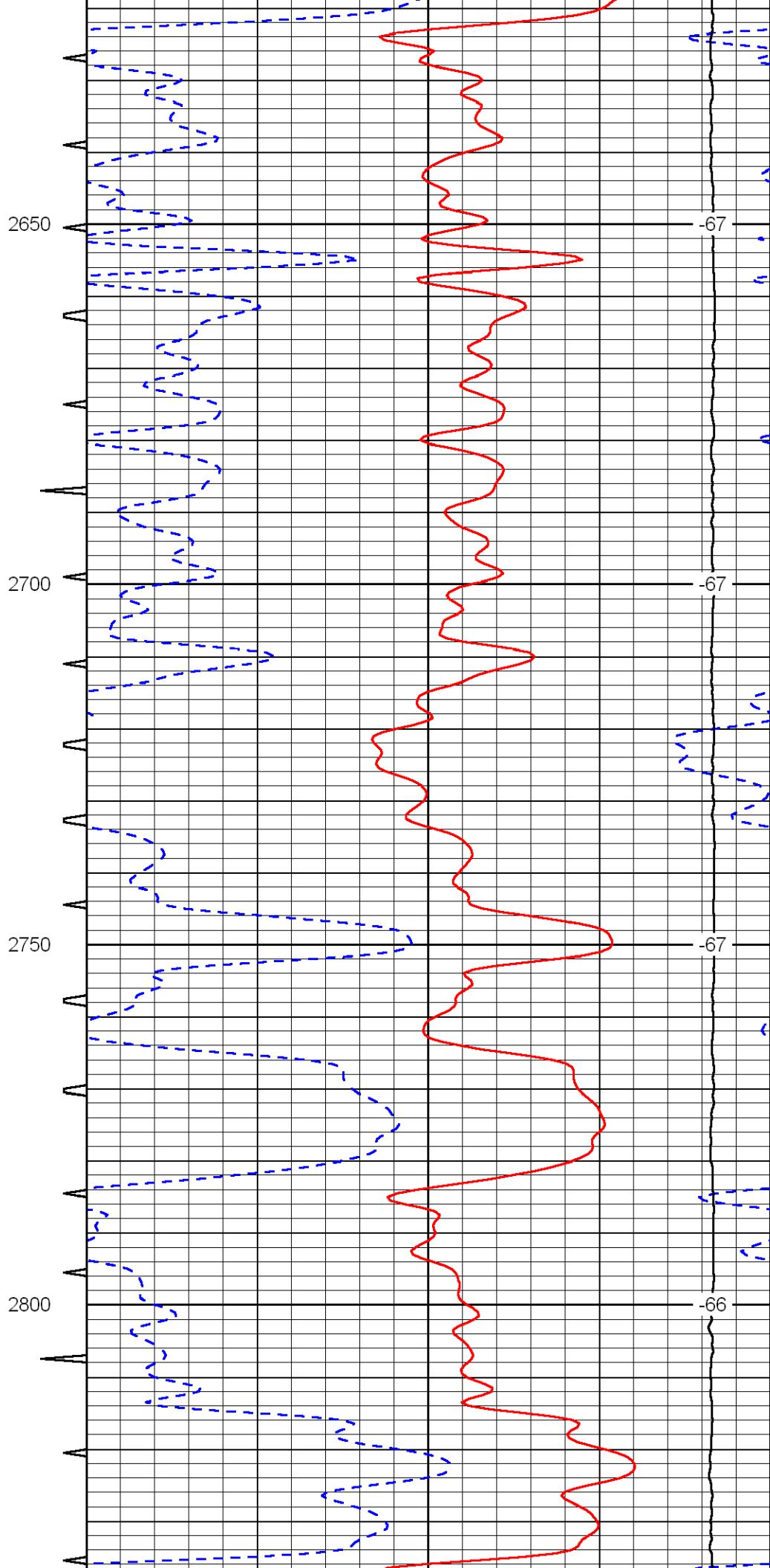
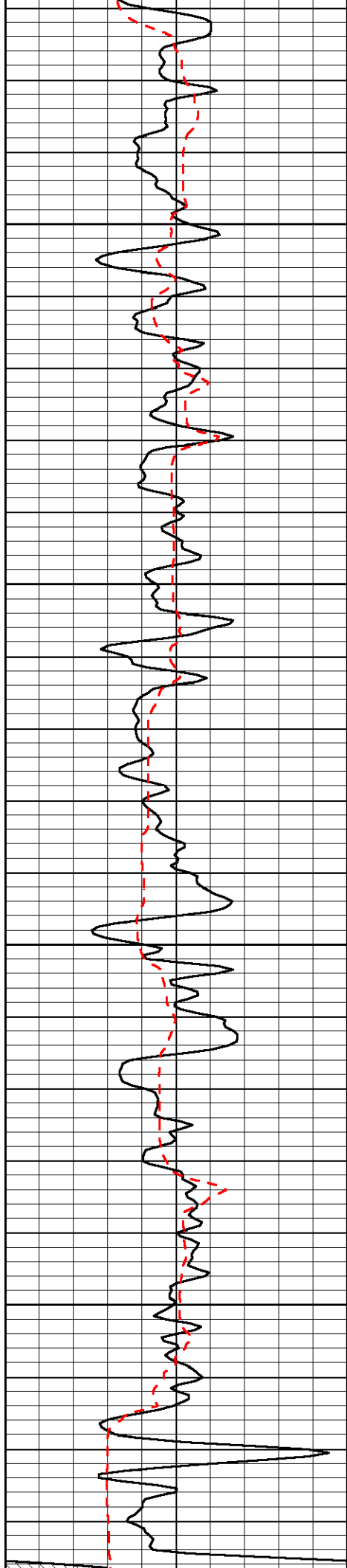




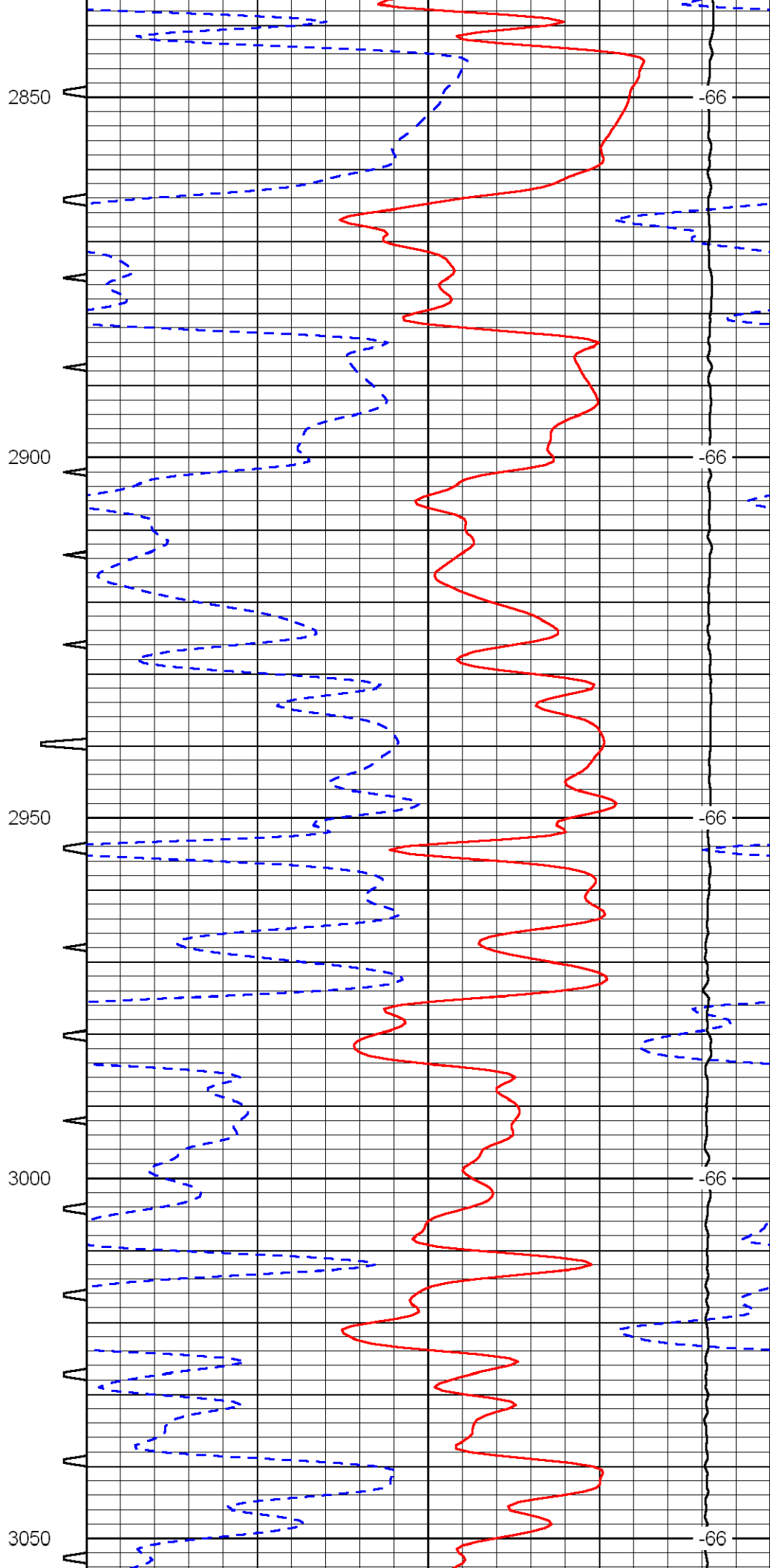
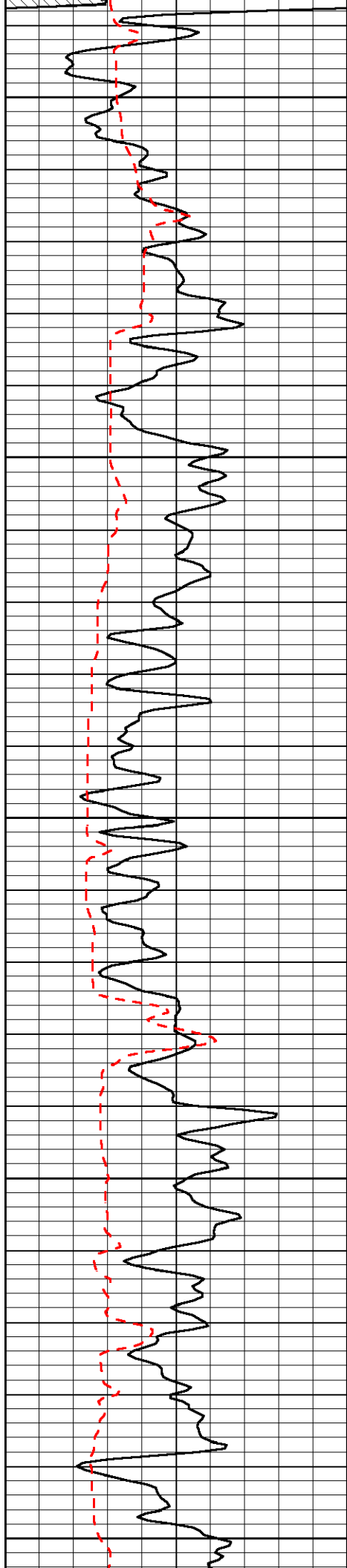


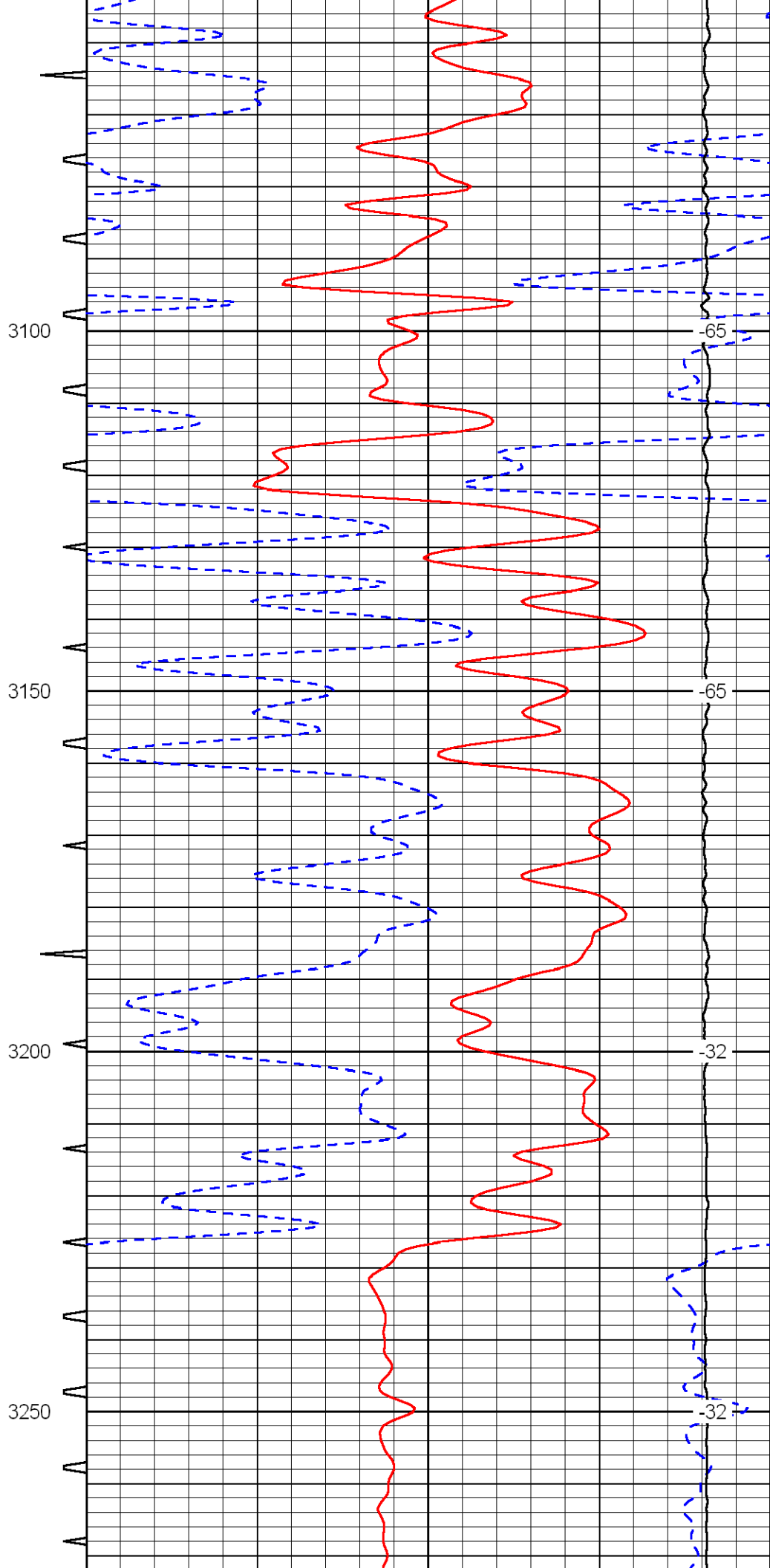
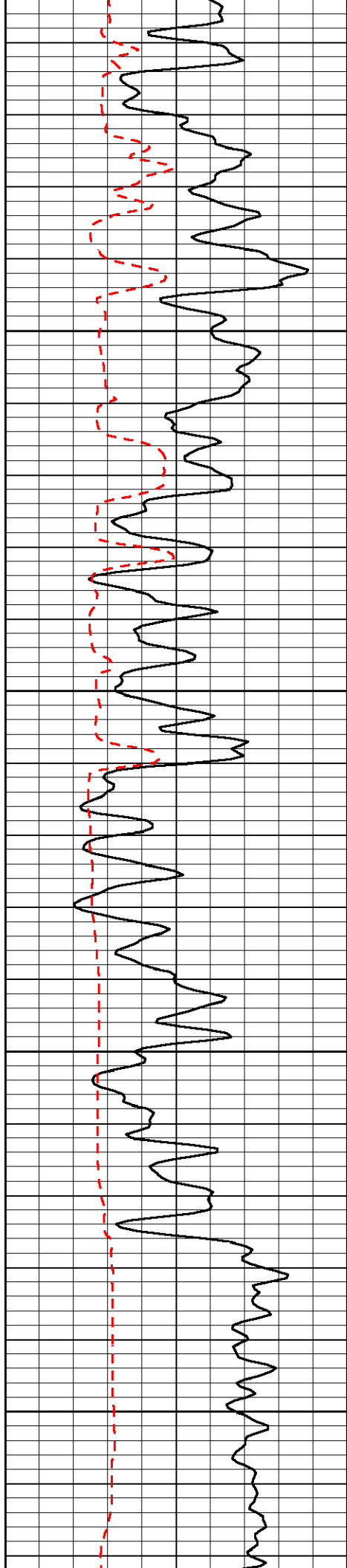


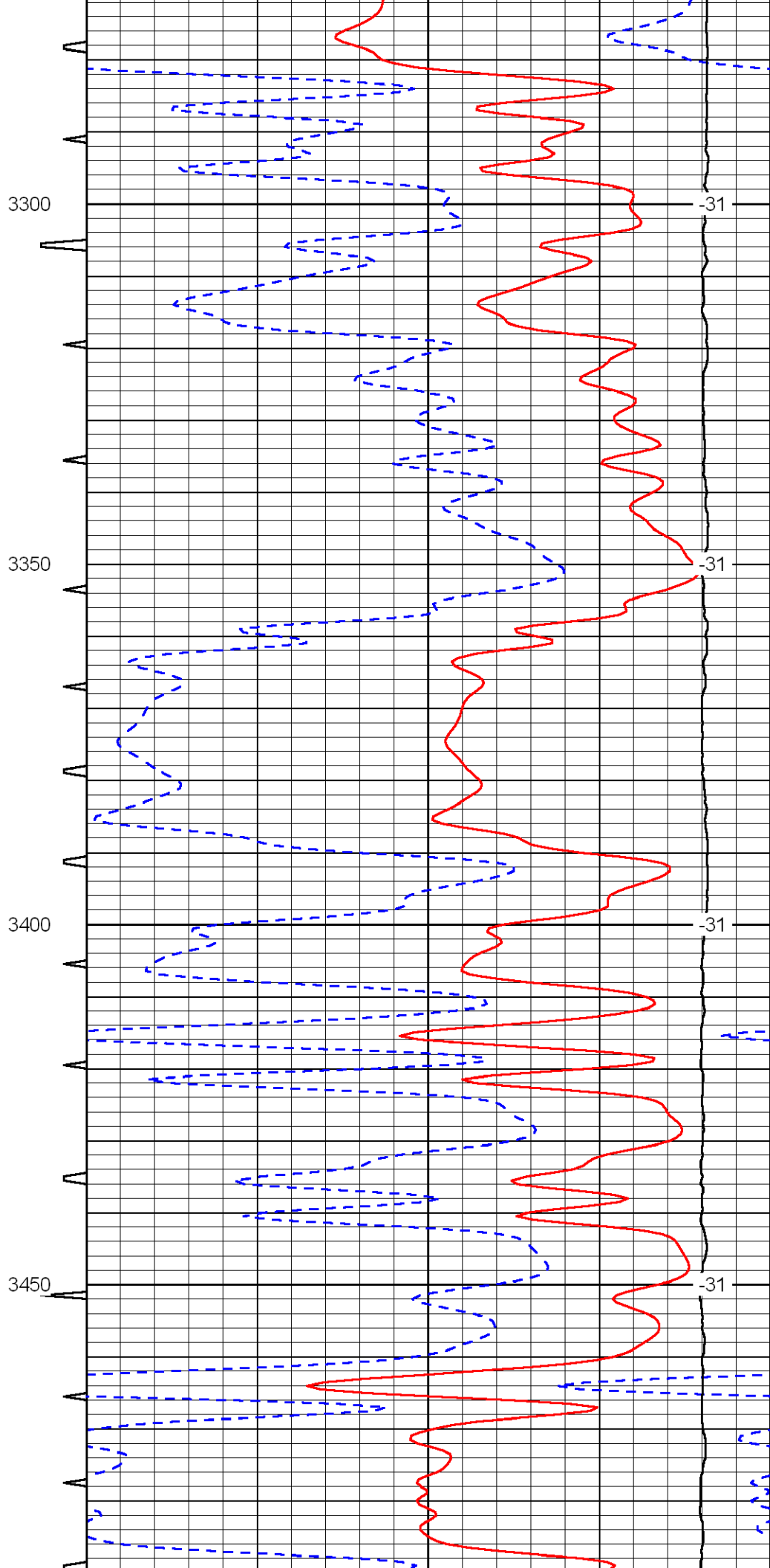
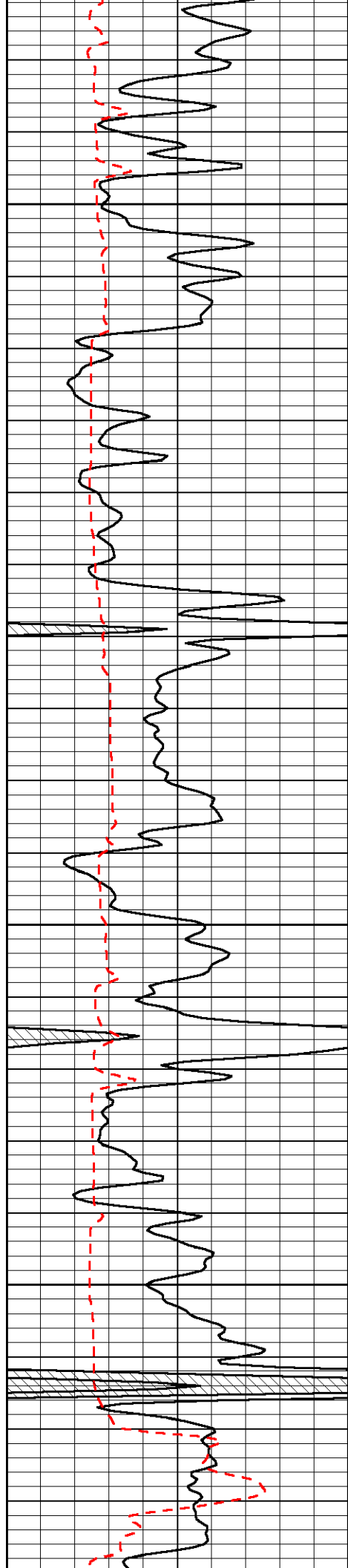


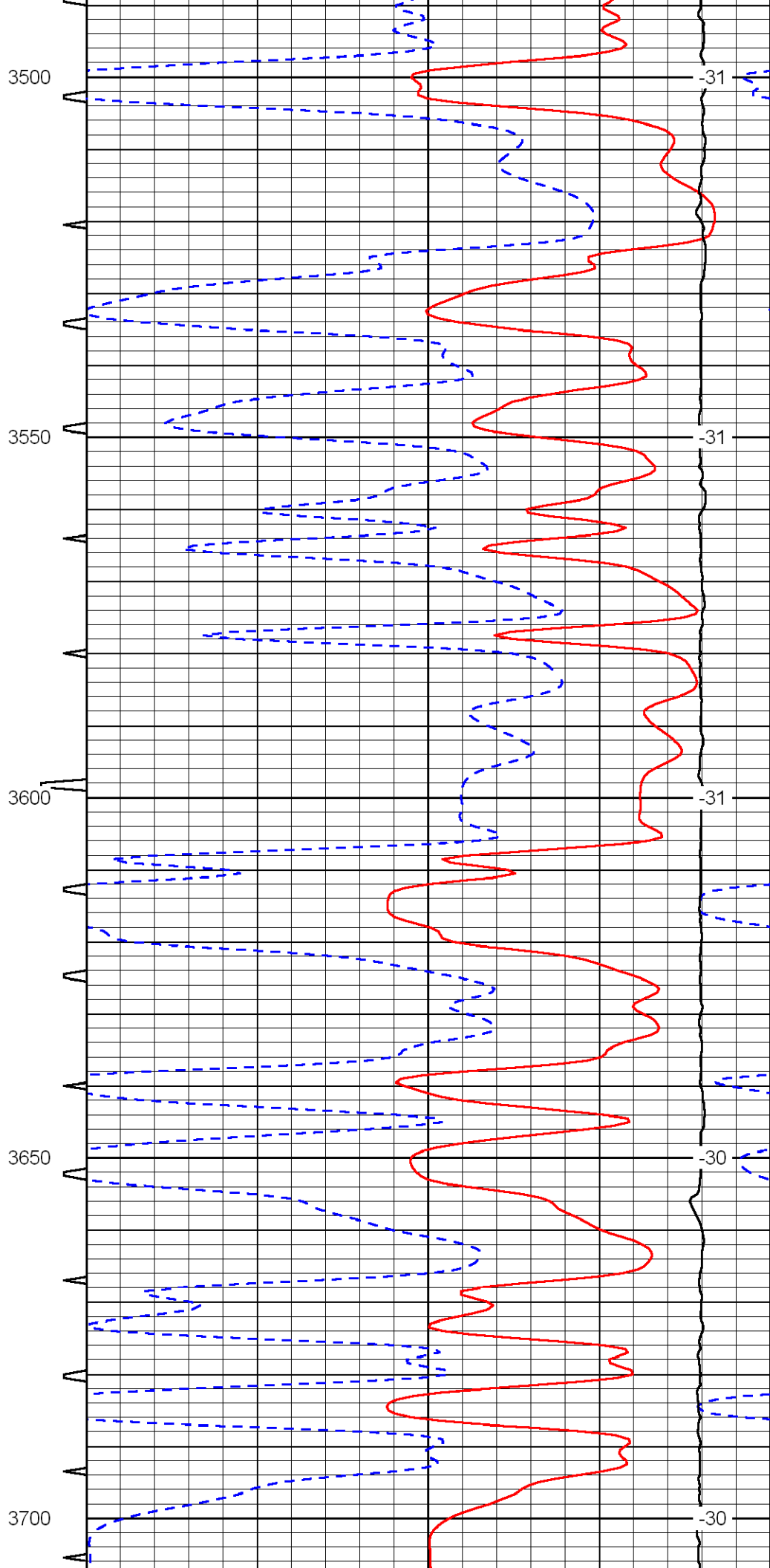
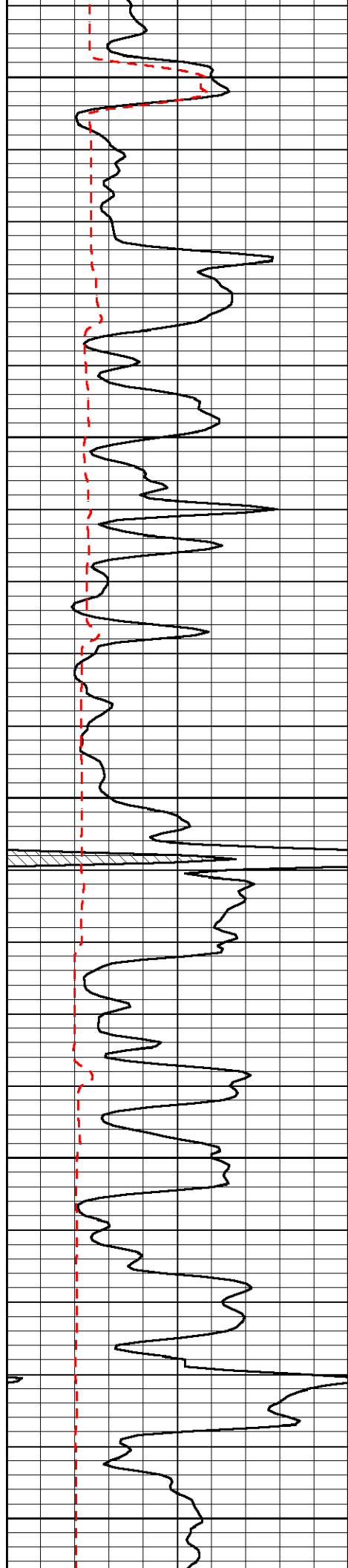


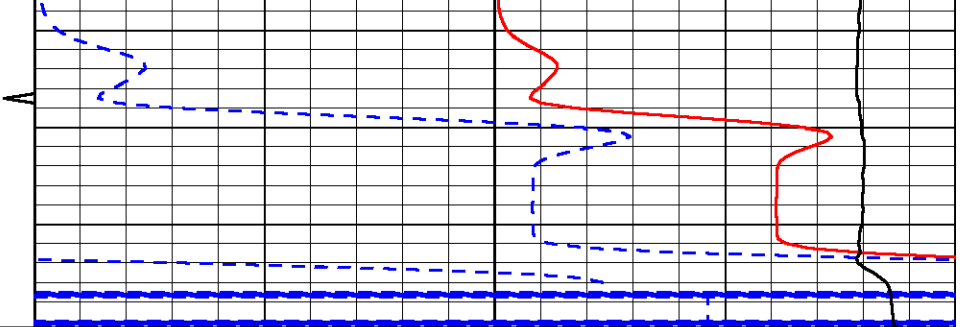
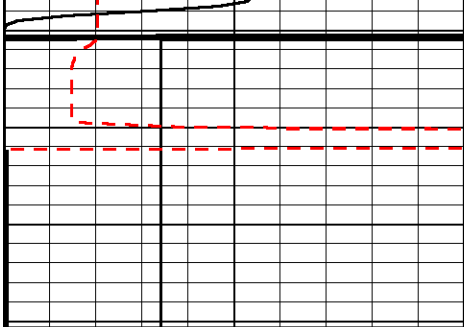












0	Gamma Ray	150
150	Gamma Ray	300
6	dCAL (GAPI)	16

Sonic Int	140	Delta Time (usec/ft)	40
5	0	Sonic Porosity	-10
	30	LTEN (lb)	0
	15000		

LSPD



**Computer Processed  
Interpretation**

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

15-065-23735-00-00

API No.

**Company Flatirons Resources, LLC**

**Well Rush Trust #33-10A**

**Field Springbird East**

**County Graham State Kansas**

**Location SE NW SE DIL/CNL/CDL  
1890' FSL / 1700' FEL MEL**

**Sec: 10 Twp: 6S Rge: 22W**

**Permanent Datum Ground Level Elevation 2254  
Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum  
Drilling Measured From Kelly Bushing**

**Elevation  
K.B. 2261  
D.F. 2254  
G.L. 2254**

**Date Recorded 5/6/2011**

**Depth Logger 3734**

**Curve Definitions**

**SW Water Saturation**

**SXO Water Saturation In The Flushed Zone**

**VCL Volume Of Clay**

**PHIE Density - Neutron Crossplot Shale Corrected**

**BVV Bulk Volume Water**

**BVWSXO Bulk Volume Water In Flushed Zone**

**DCAL Caliper**

**SPC SP Corrected For Baseline**

**DGA Apparent Grain Density**

**Payflag If: PHIE> 2 %, VCL < 40 %, SPC> -10 , SW< 50 % & DCAL < 11**

**Recorded By R. Barnhart**

**Witnessed By Roger Moses**

**Analysis By T. Martin**

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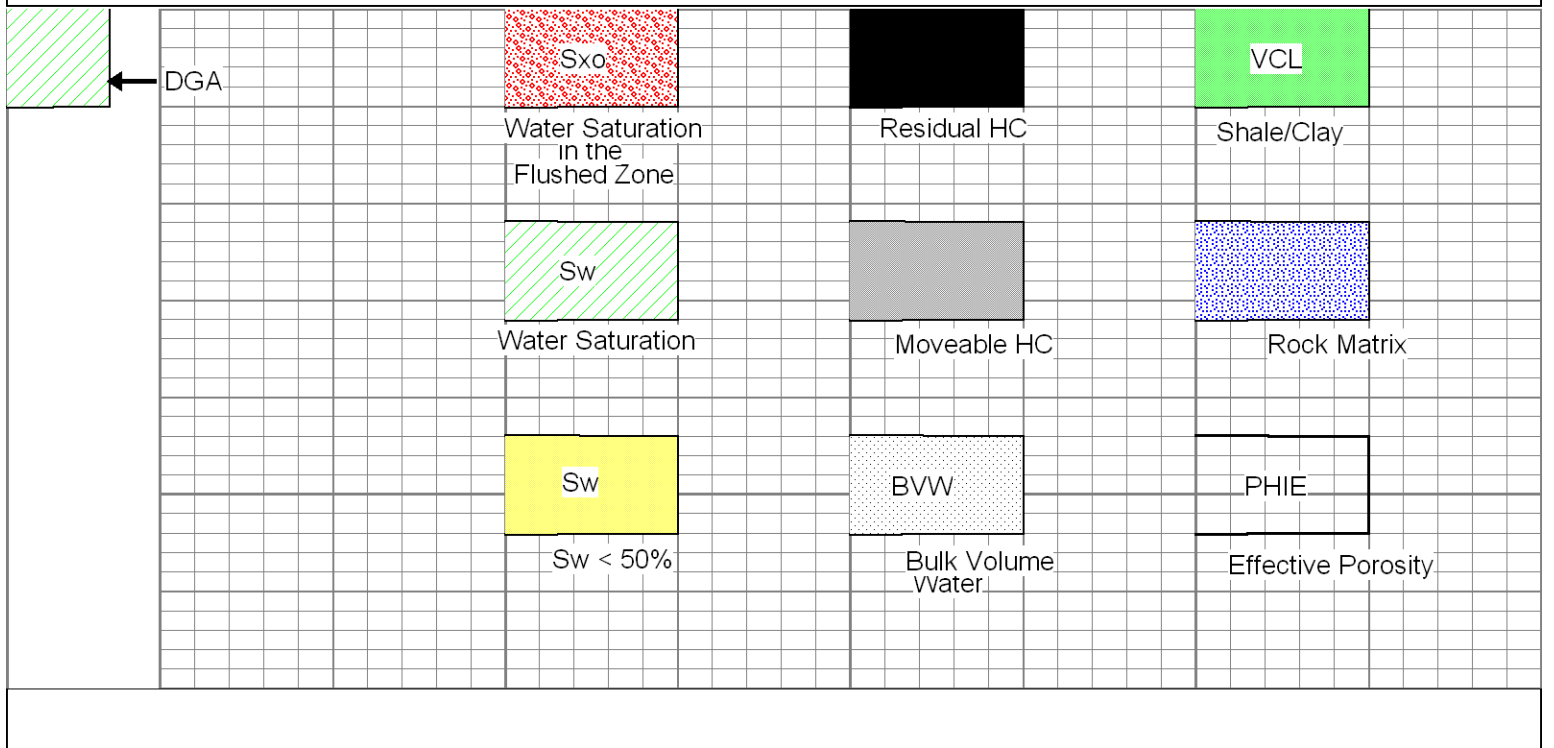
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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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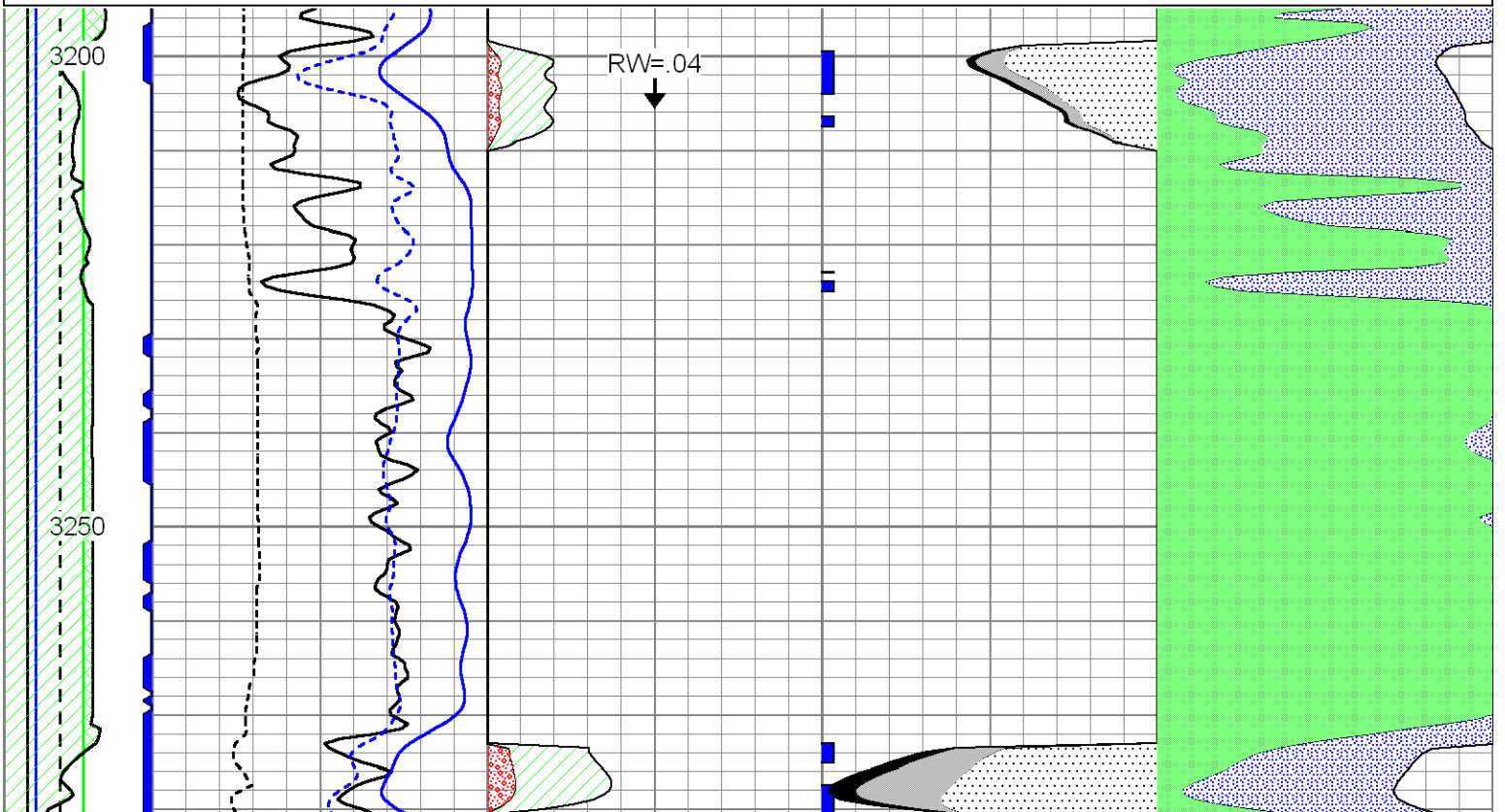
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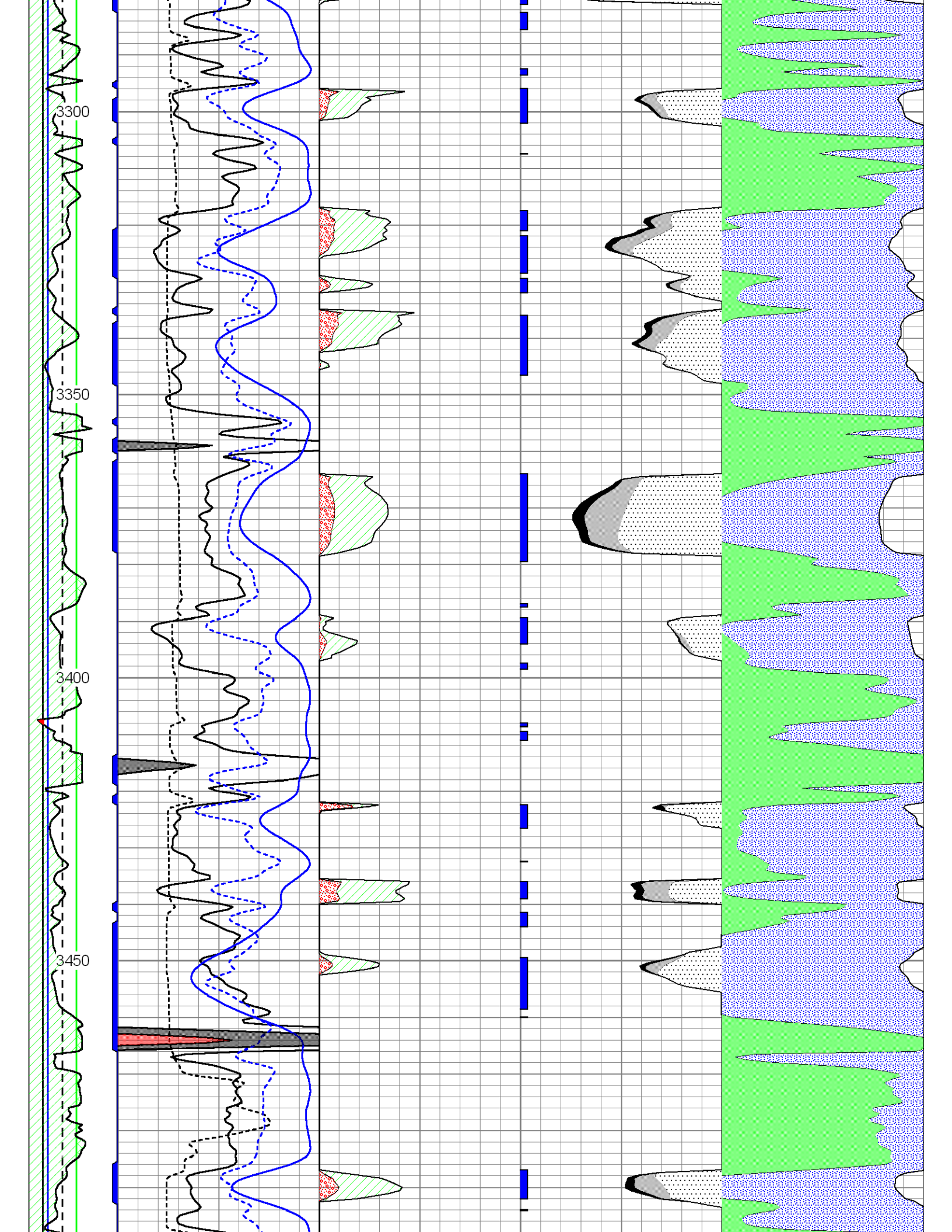
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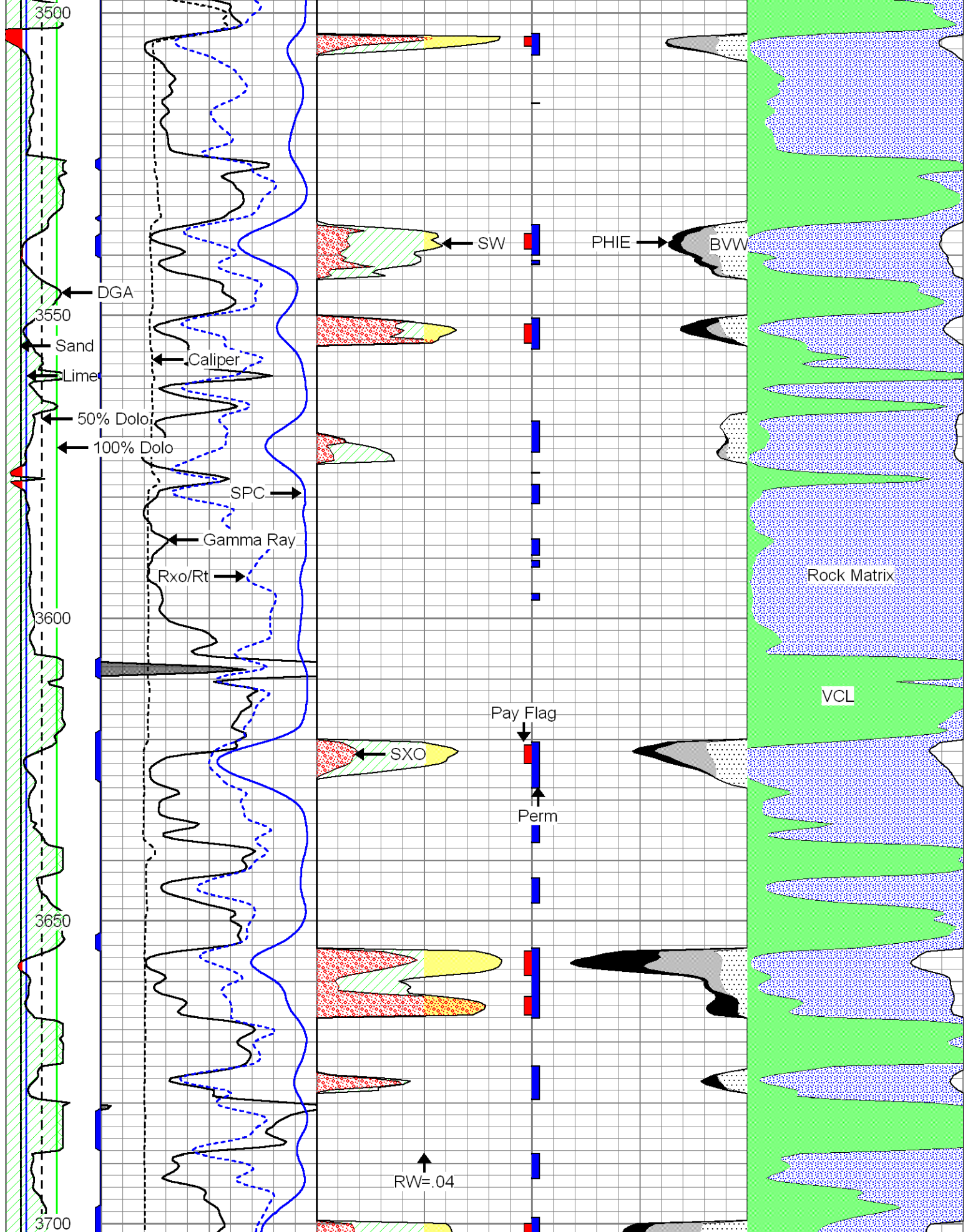
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2.6	LM	3.1	6	DCAL (GAPI)	16	30	PAYFLAG	0	0.3	BVW	0	1	PHIE	0
	DGA		-150	SPC		0	SXO	0	0	PERM		30		
2.6		3.1							0.3	BVWSXO		0		









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

2.6	3.1	0.3	BVWSXO	0
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# Dual Induction Log

DIGITAL LOG (785) 625-3858

15-065-23735-00-00

API No.

Company Flatirons Resources, LLC

Well Rush Trust #33-10A

Field Springbird East  
County Graham State Kansas

Location SE NW SE  
1890' FSL / 1700' FEL

Sec: 10 Twp: 6S Rge: 22W

Other Services  
CNL / CDL  
MEL / BHCS

Permanent Datum Ground Level Elevation 2254

Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Elevation  
K.B. 2261  
D.F. 2254  
G.L. 2254

Date	5/6/2011
Run Number	One
Depth Driller	3731
Depth Logger	3734
Bottom Logged Interval	3733
Top Log Interval	250
Casing Driller	8.625 @ 258
Casing Logger	264
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	1000
Density / Viscosity	8.9 58
pH / Fluid Loss	11.0 6.4
Source of Sample	Flowline
Rm @ Meas. Temp	1.80 @ 60
Rmf @ Meas. Temp	1.35 @ 60
Rmc @ Meas. Temp	2.43 @ 60
Source of Rmf / Rmc	Charts
Rm @ BHT	0.95 @ 113
Operating Rig Time	5 Hours
Max Rec. Temp. F	113
Equipment Number	15
Location	Hays
Recorded By	R. Barnhart
Witnessed By	Roger Moses

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### Comments

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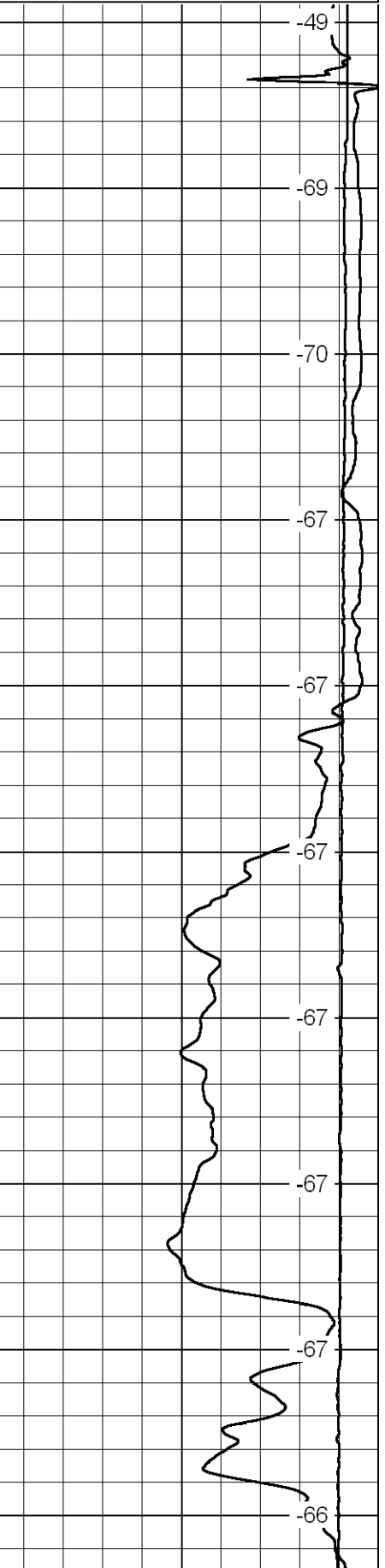
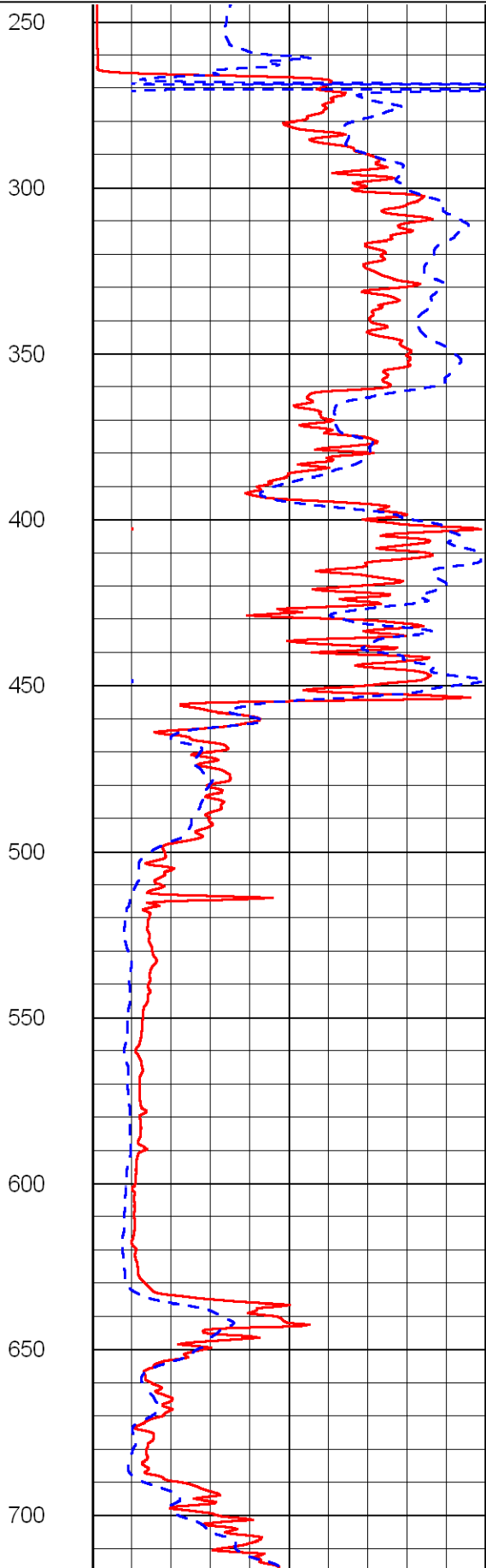
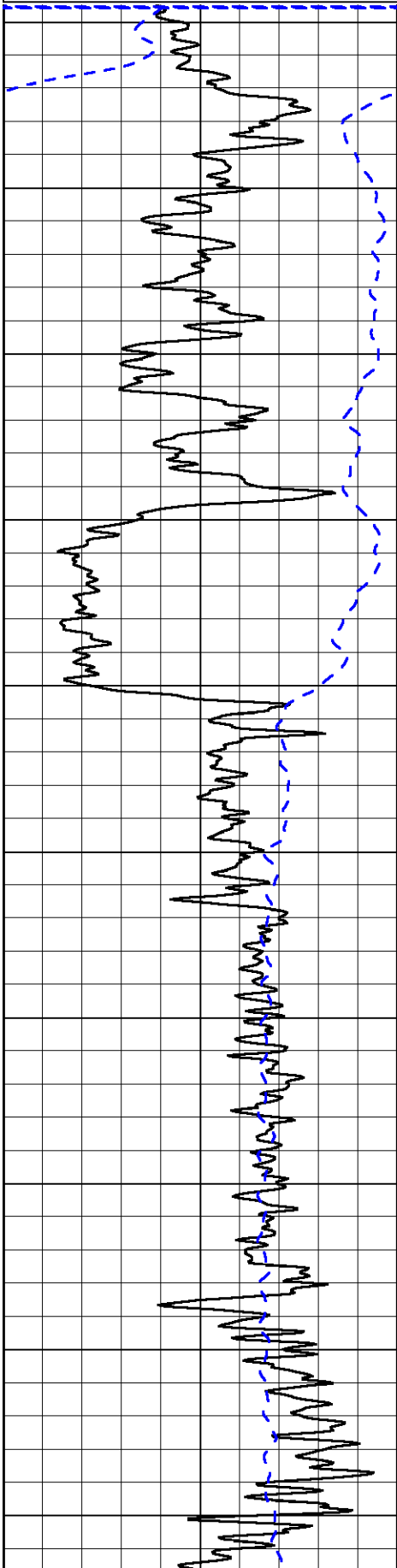
Hill City, KS:  
N to DD Rd, 7E, S into

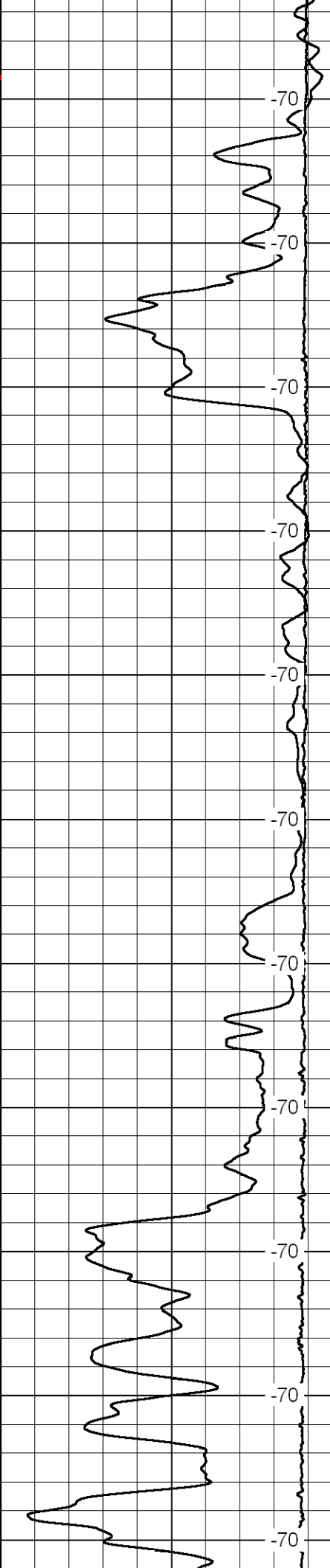
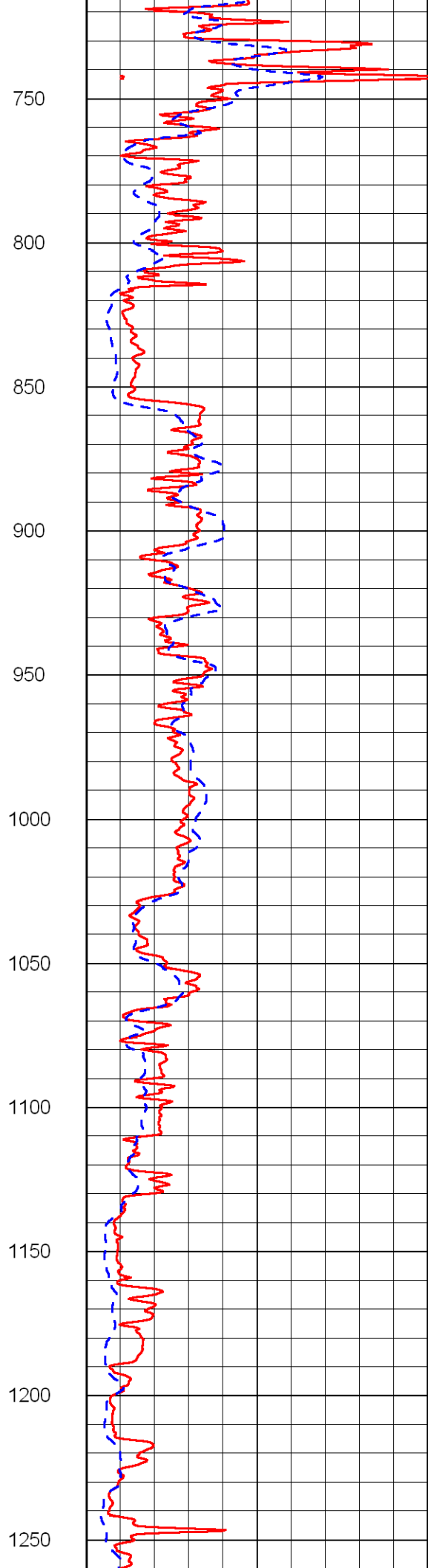
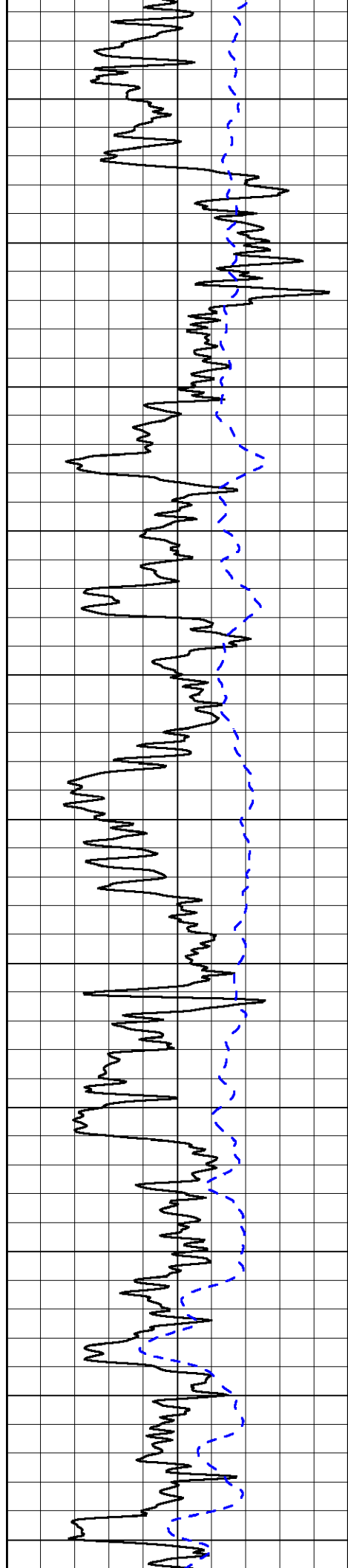
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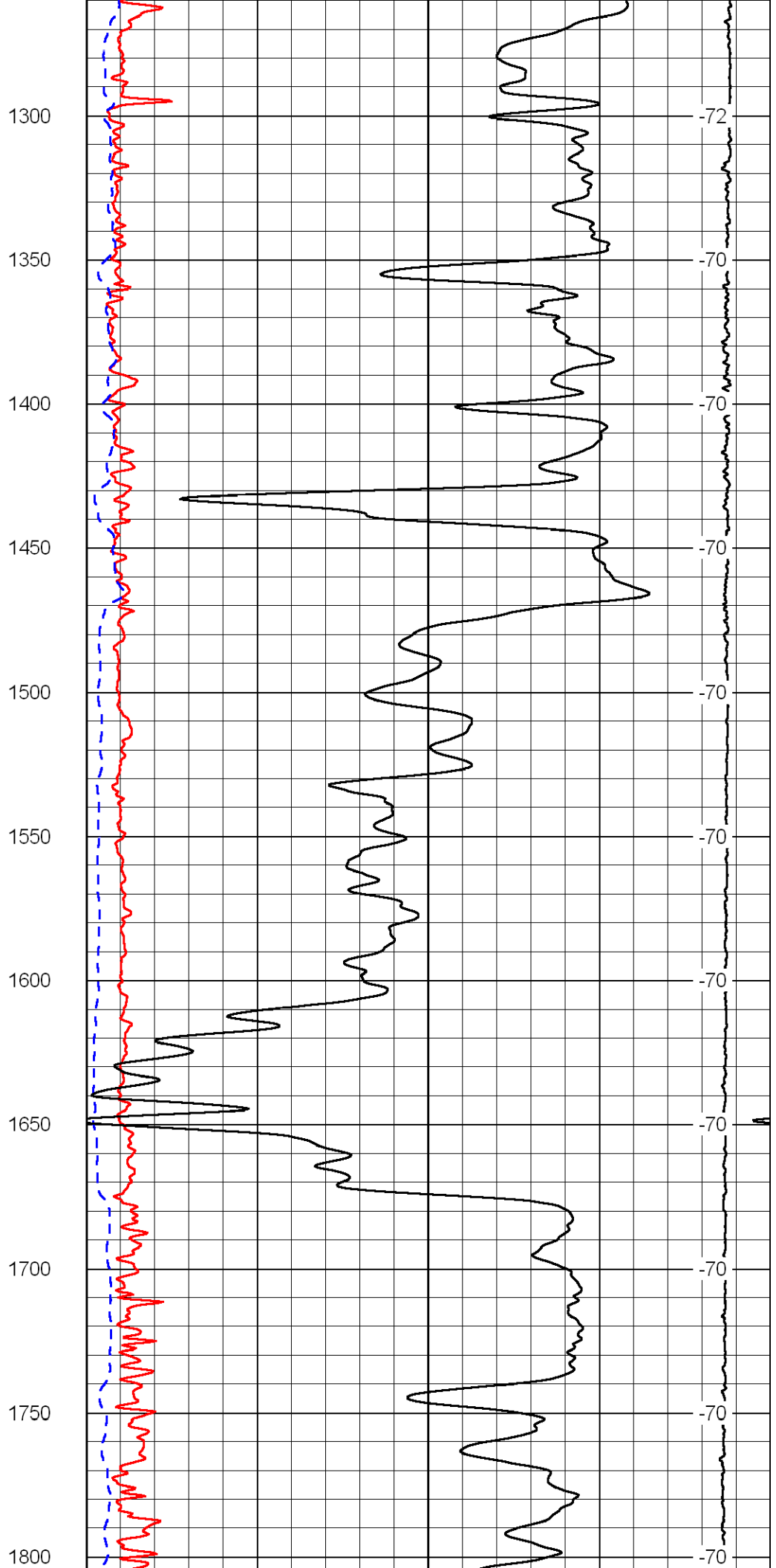
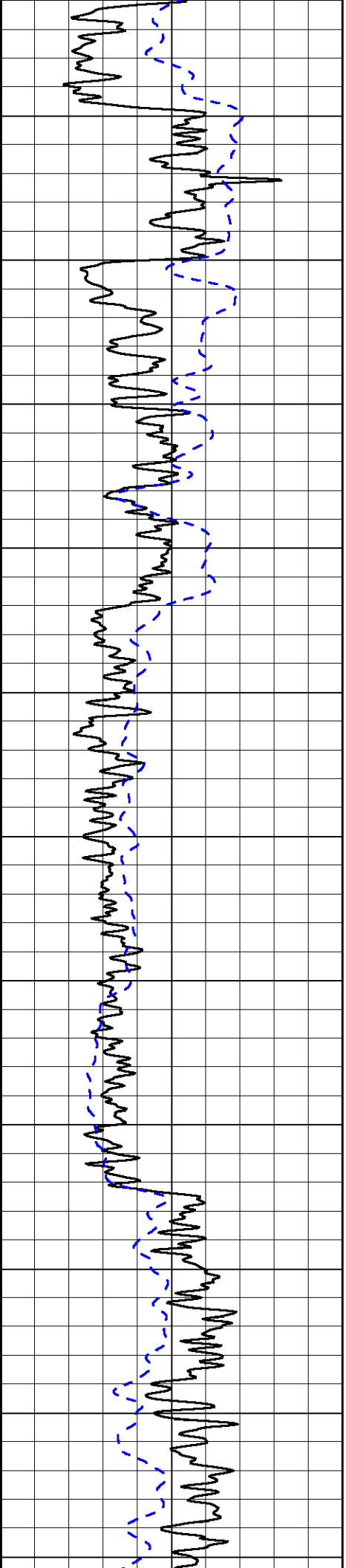
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-200	SP	0

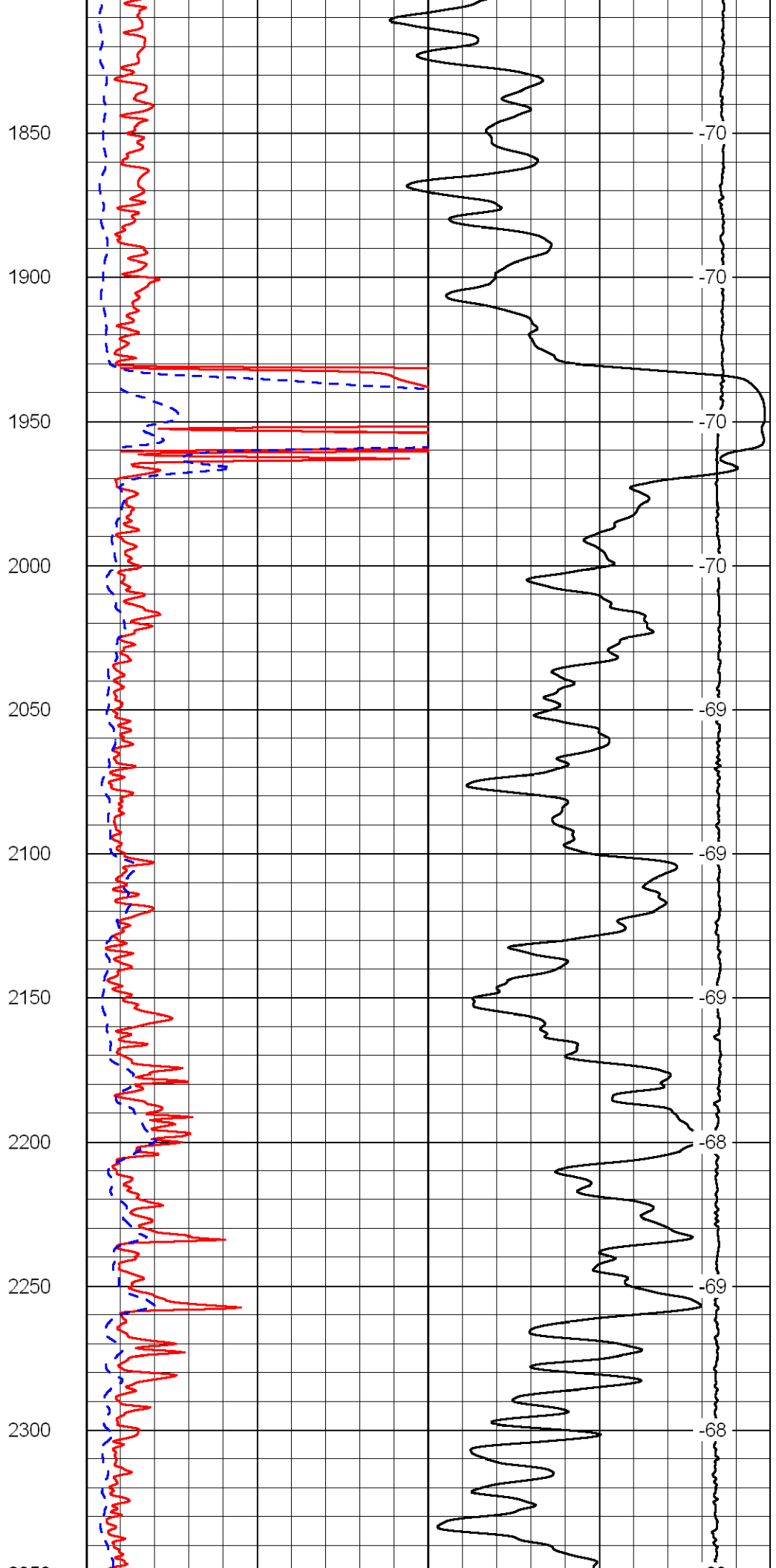
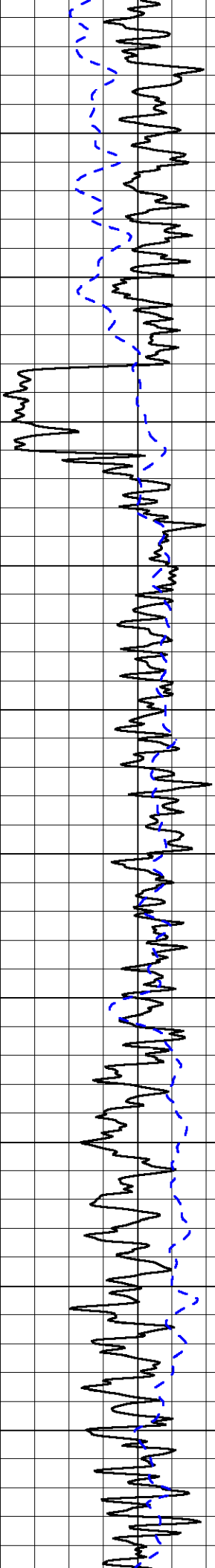
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0	Deep Resistivity	50

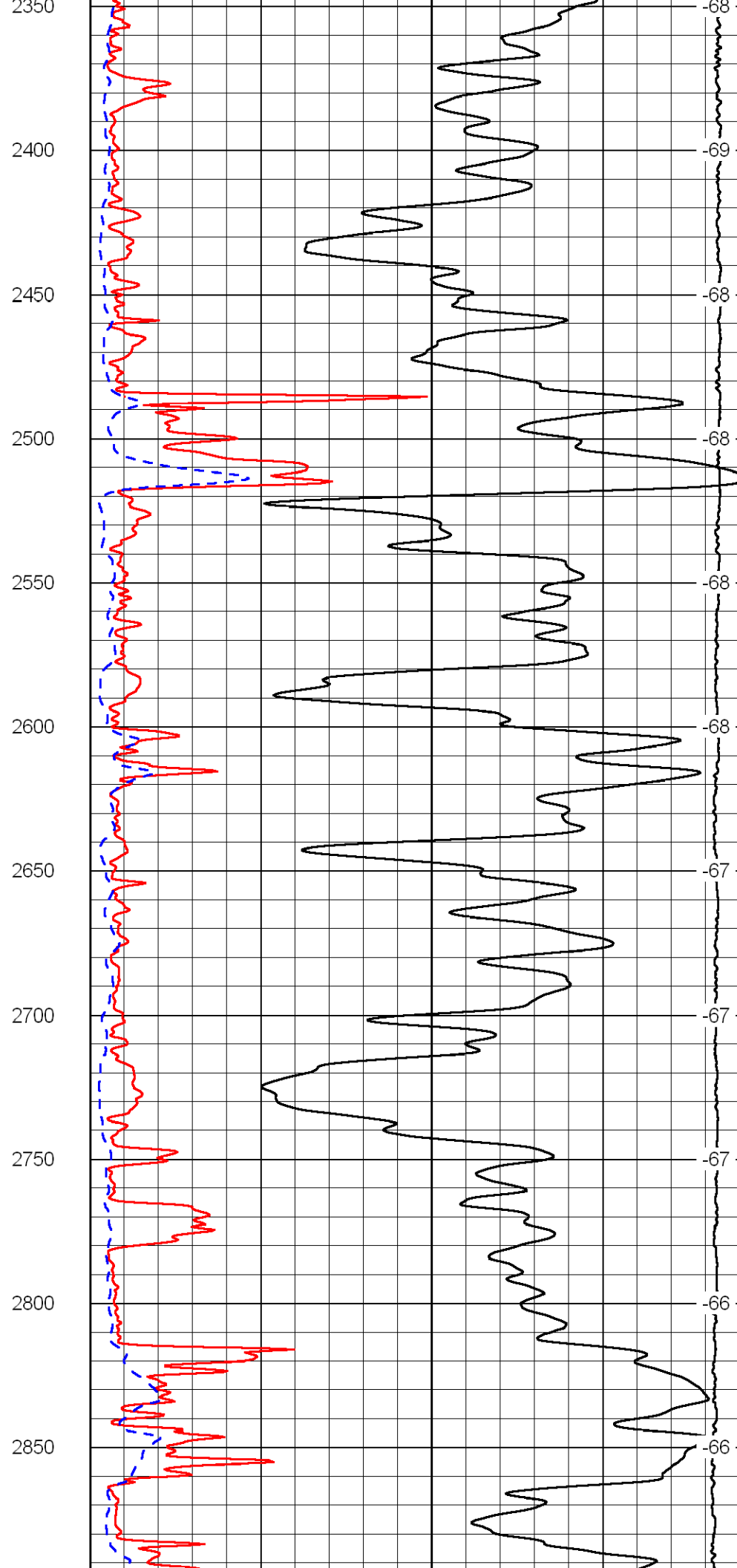
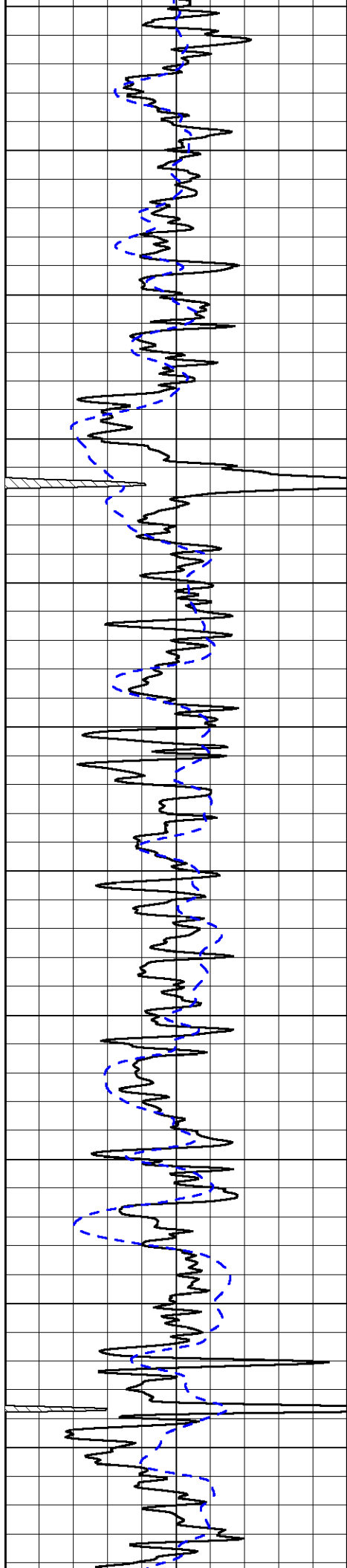
LSPD	0
Conductivity	0
Line Tension	0







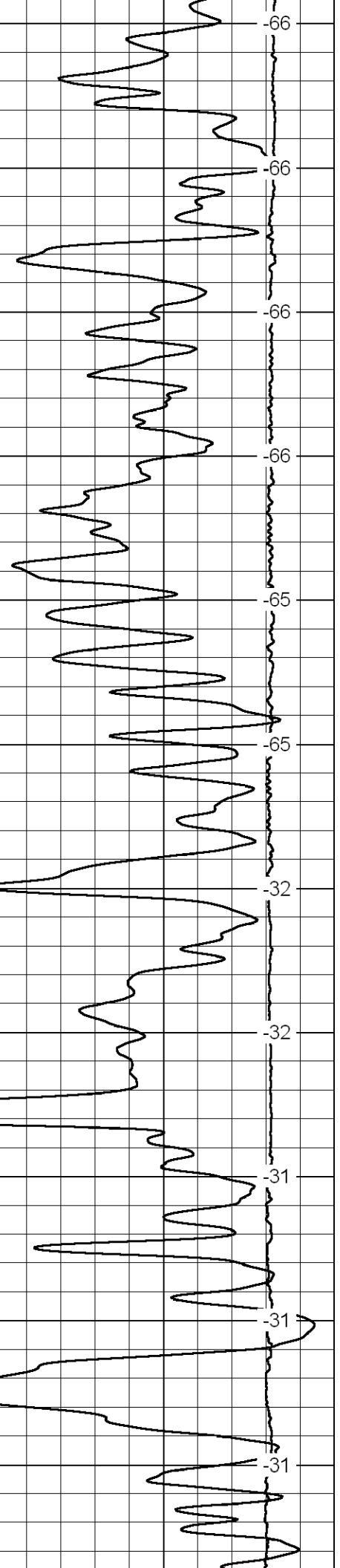
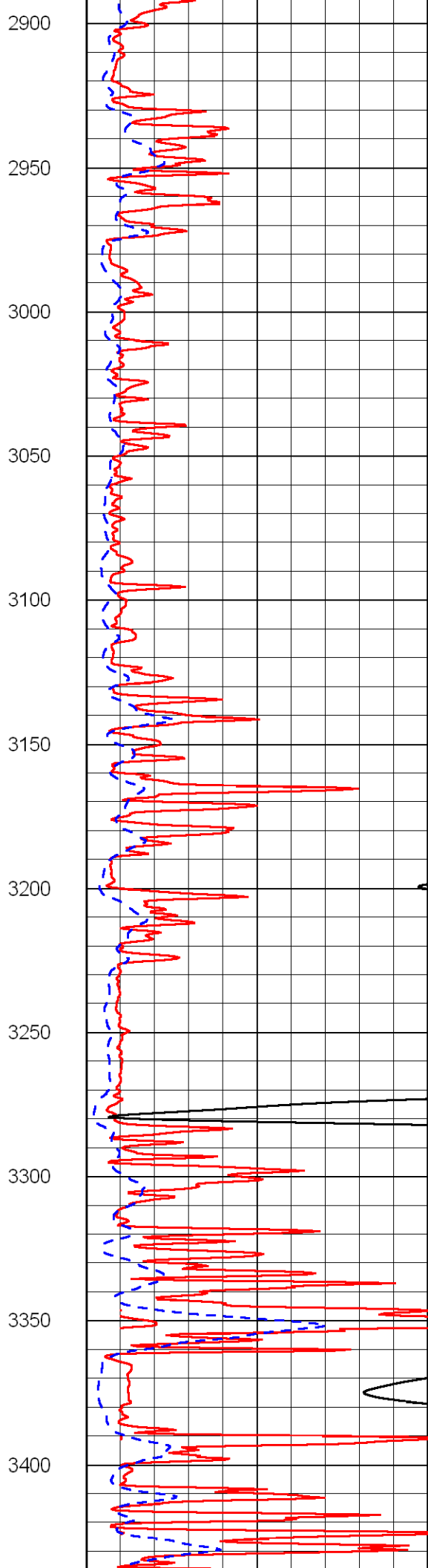
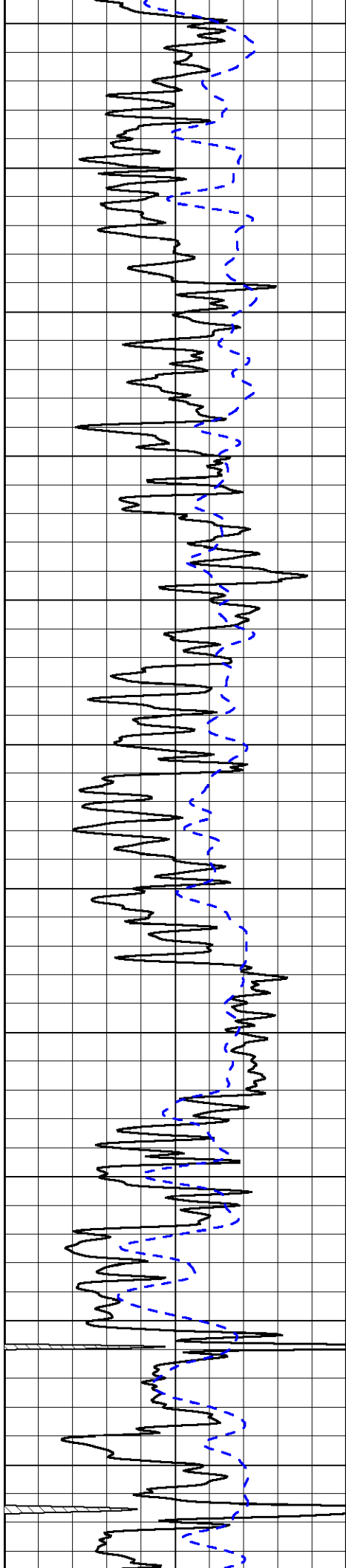


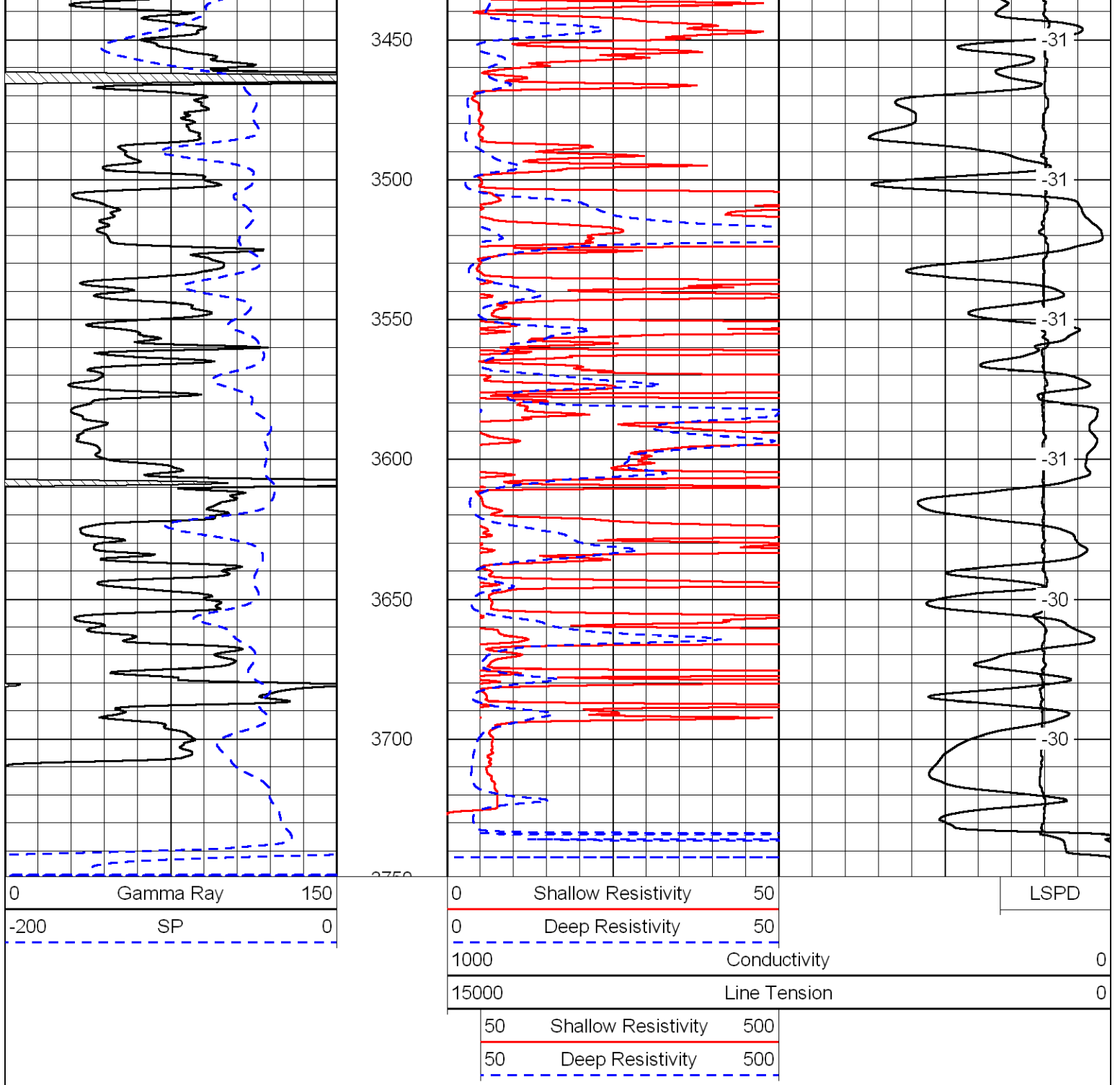


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2850

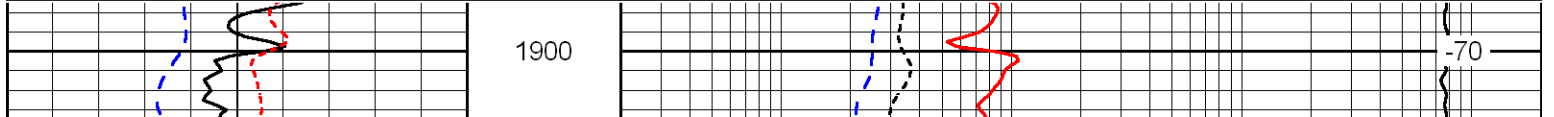
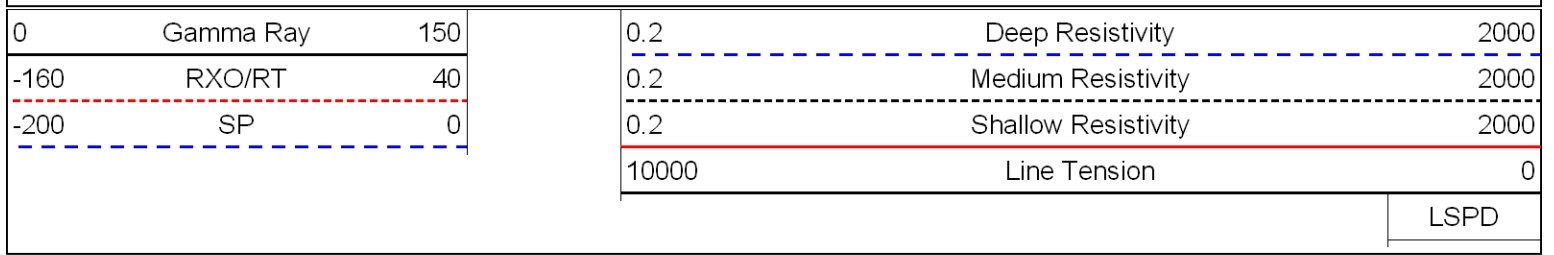
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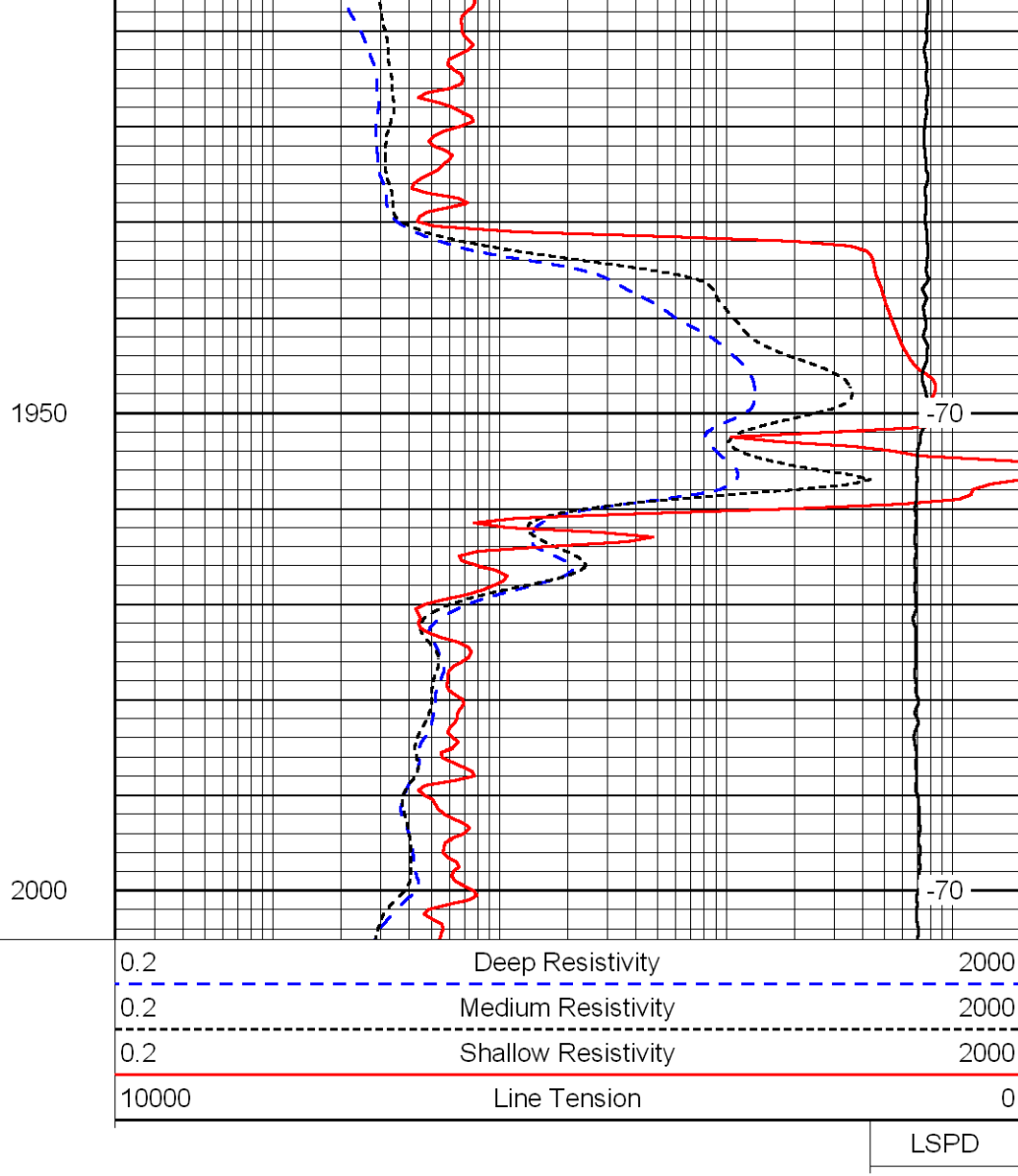
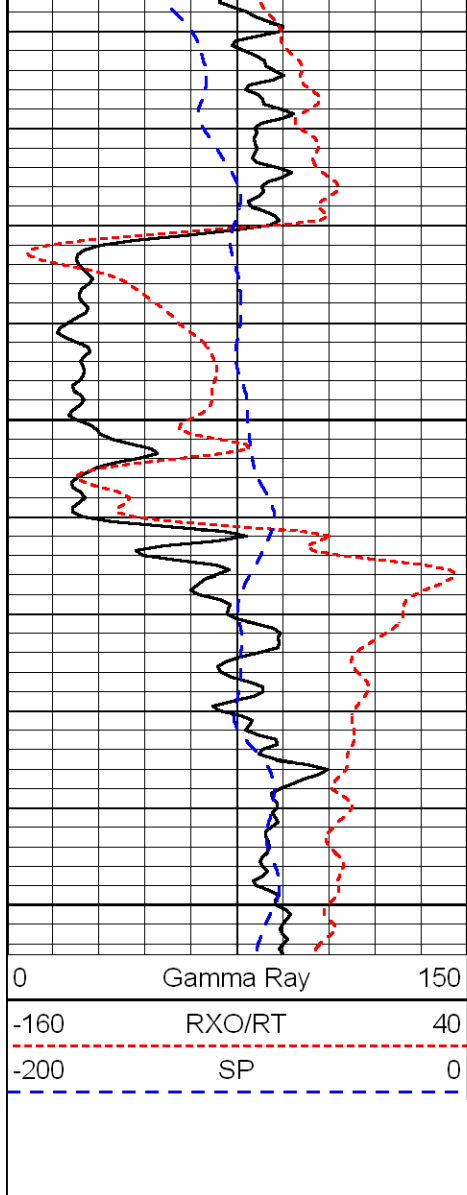




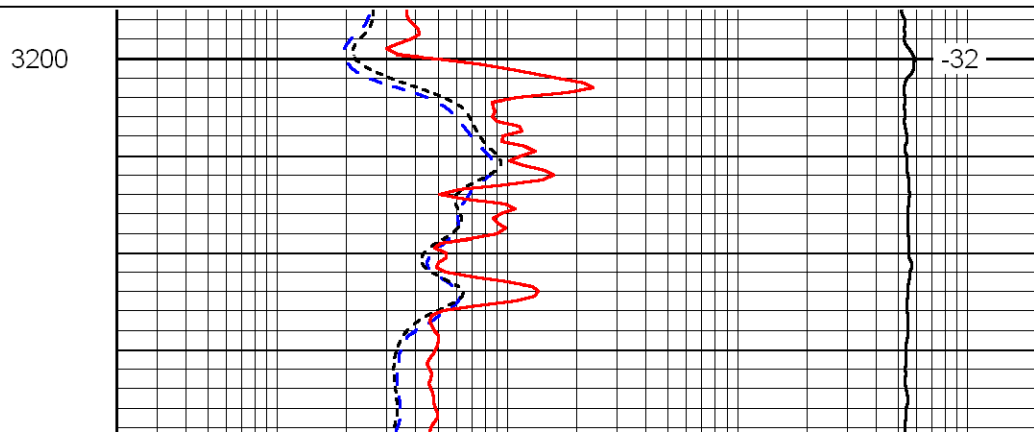
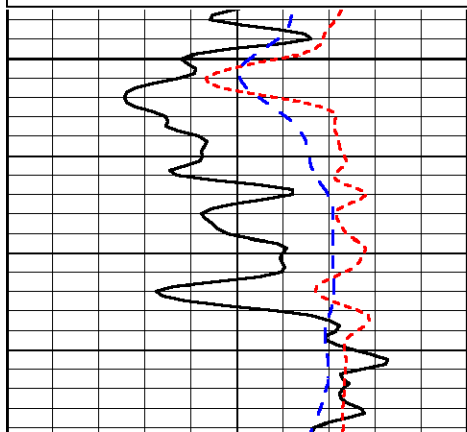
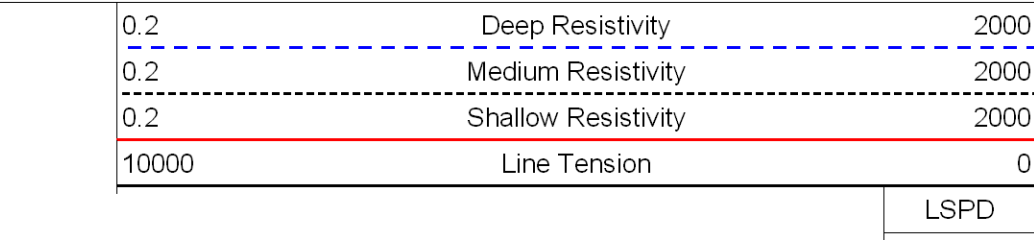
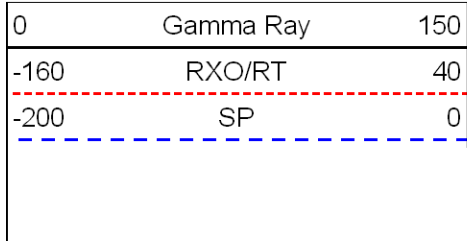


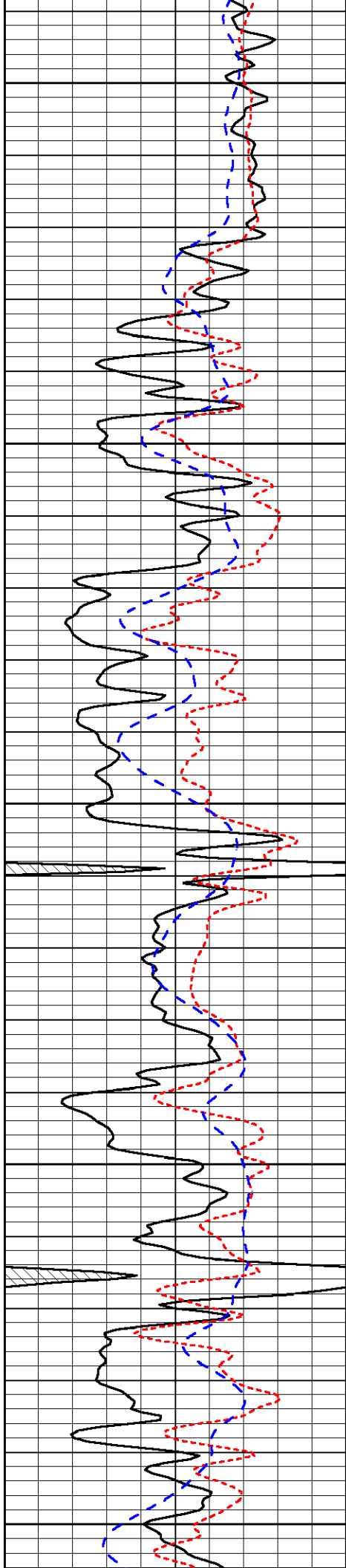
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 Presentation Format:      dil  
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 Charted by:      Depth in Feet scaled 1:240





Database File: flathd.db  
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 Presentation Format: dil  
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 Charted by: Depth in Feet scaled 1:240





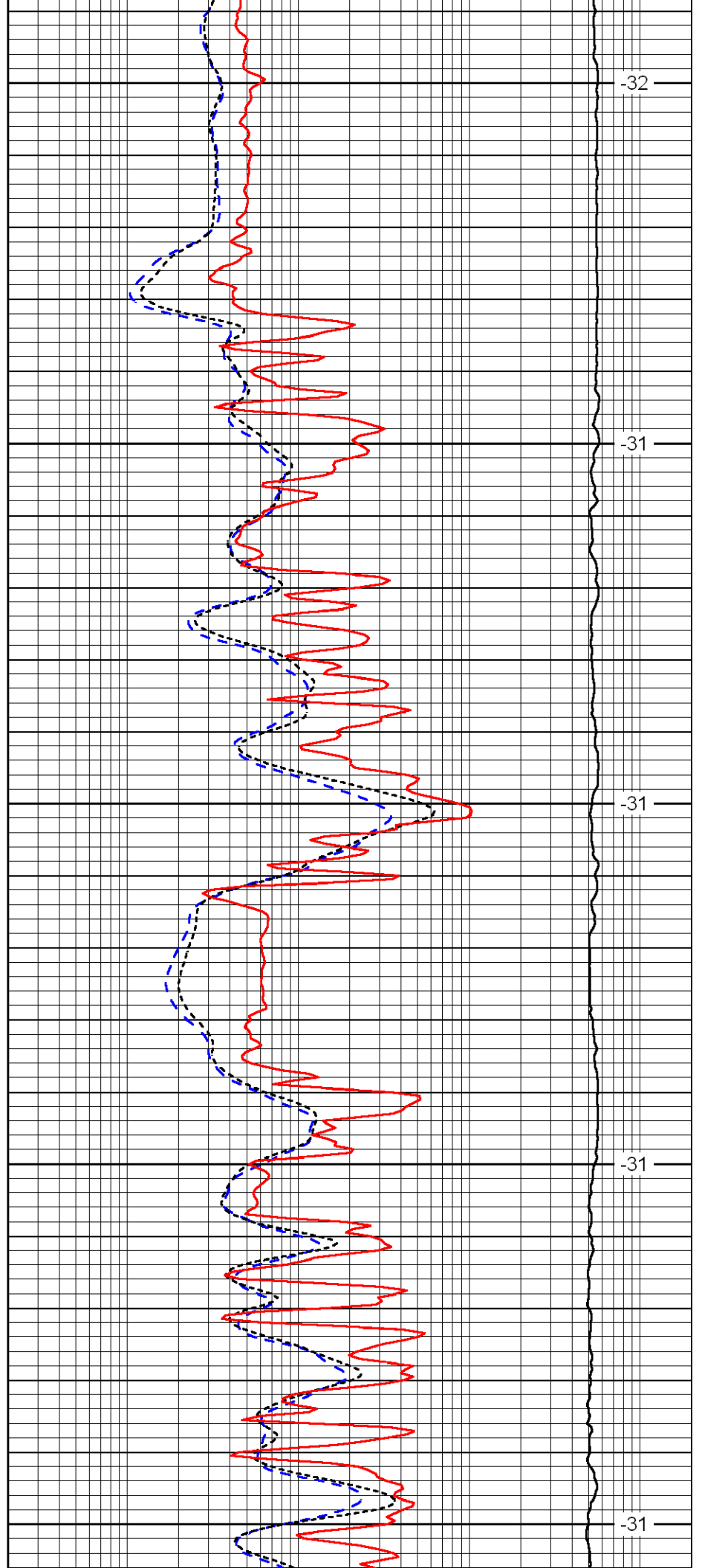
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3350

3400

3450



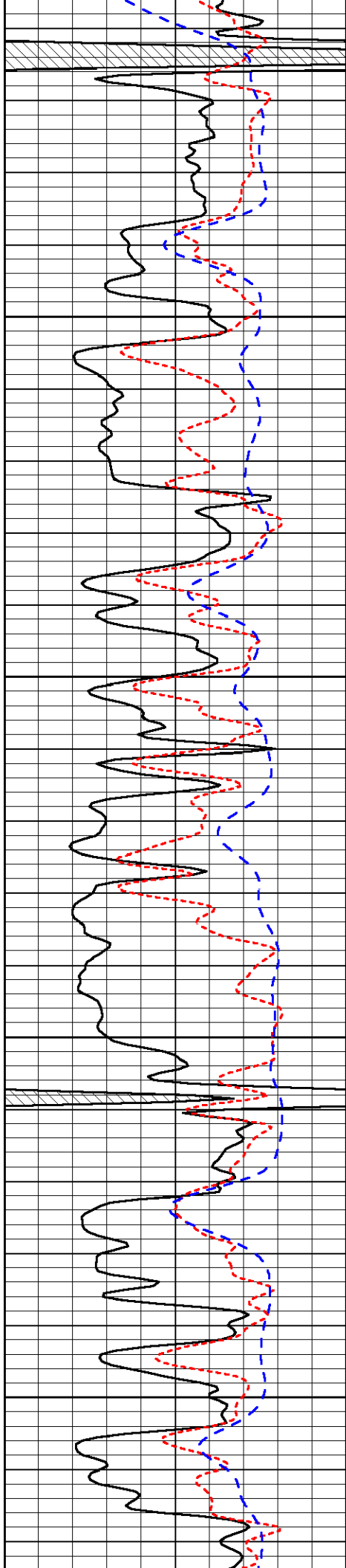
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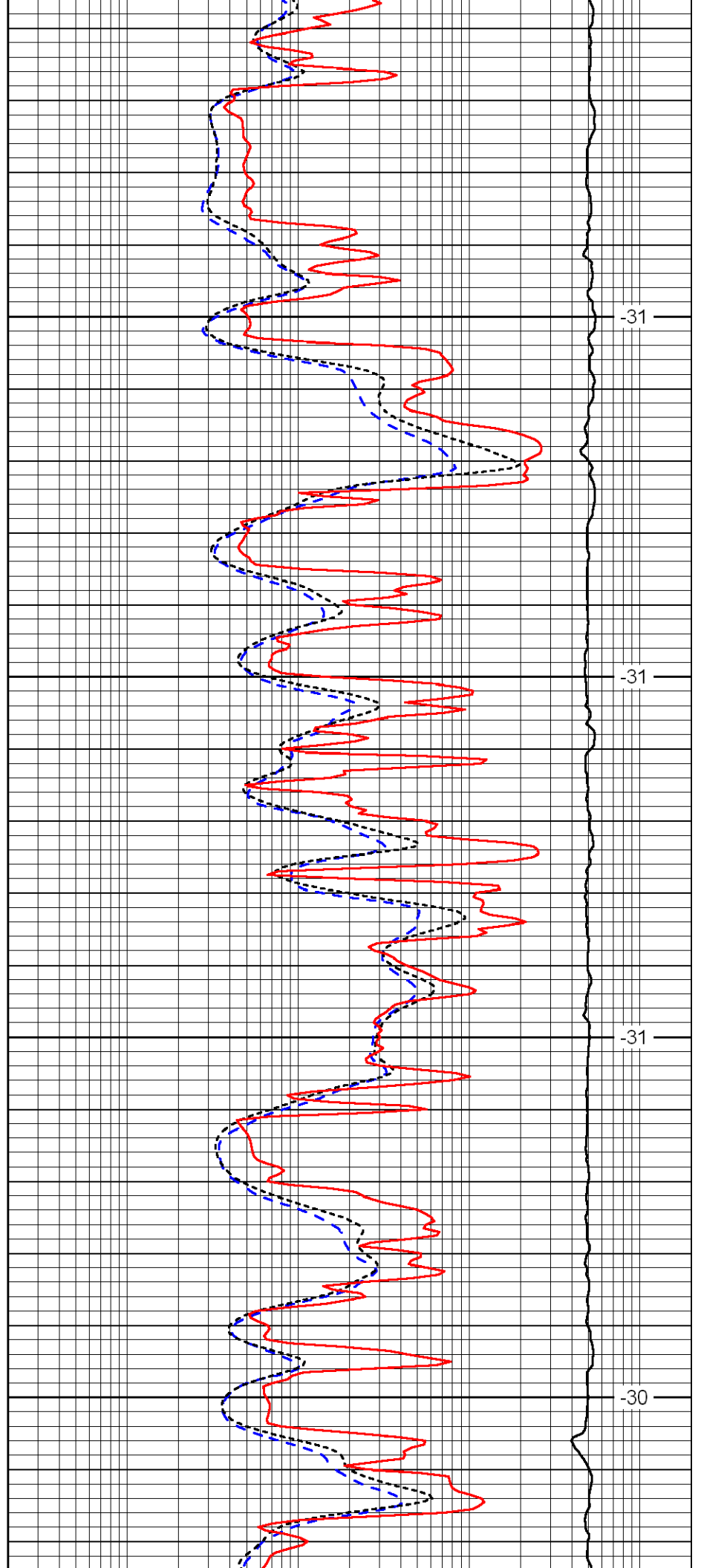


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3550

3600

3650

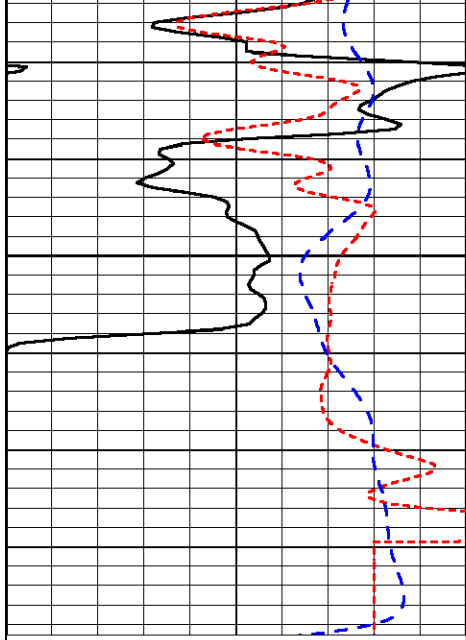


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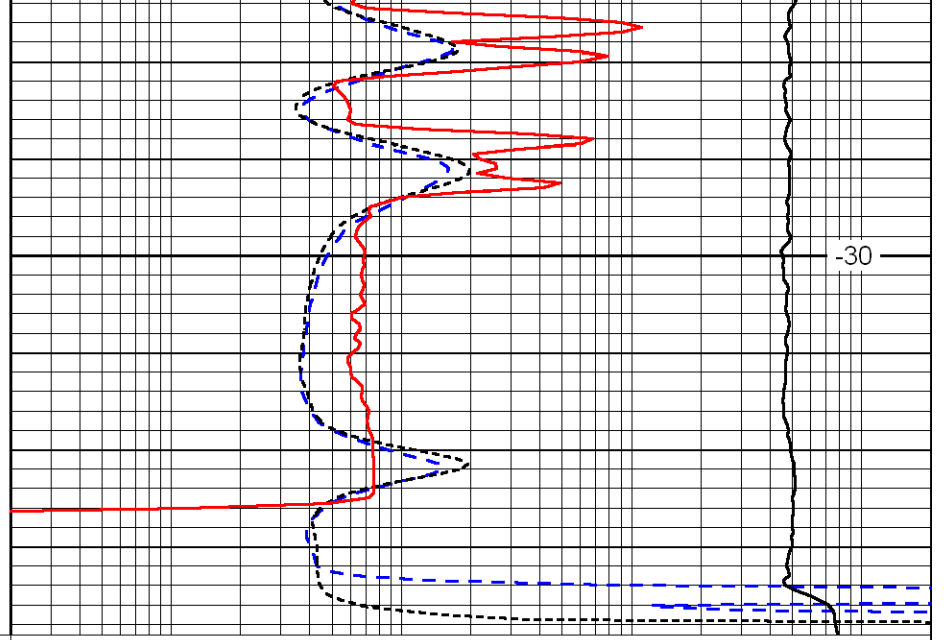
-31

-30



3700

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



-30

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

LSPD



Dual Compensated  
Porosity Log

DIGITAL LOG (785) 625-3858

API No. 15-065-23735-00-00

Company Flatirons Resources, LLC  
Well Rush Trust #33-10A  
Field Springbird East  
County Graham  
State Kansas

Location SE NW SE  
1890' FSL / 1700' FEL  
Sec: 10 Twp: 6S Rge: 22W

Other Services  
DIL  
MEL / BHCS

Permanent Datum Ground Level Elevation 2254  
Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum  
Drilling Measured From Kelly Bushing

K.B. 2261  
D.F.  
G.L. 2254

Date 5/6/2011

Run Number One

Type Log CNL / CDL

Depth Driller 3731

Depth Logger 3734

Bottom Logged Interval 3713

Top Logged Interval 3200

Type Fluid In Hole Chemical

Salinity, PPM CL 1000

Density 8.9

Level Full

Max. Rec. Temp. F 113

Operating Rig Time 5 Hours

Equipment -- Location 15 Hays

Recorded By R. Barnhart

Witnessed By Roger Moses

Borehole Record				Casing Record			
Run No	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	258	8.625	23#	00	258
Two	7.875	258	TD				

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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

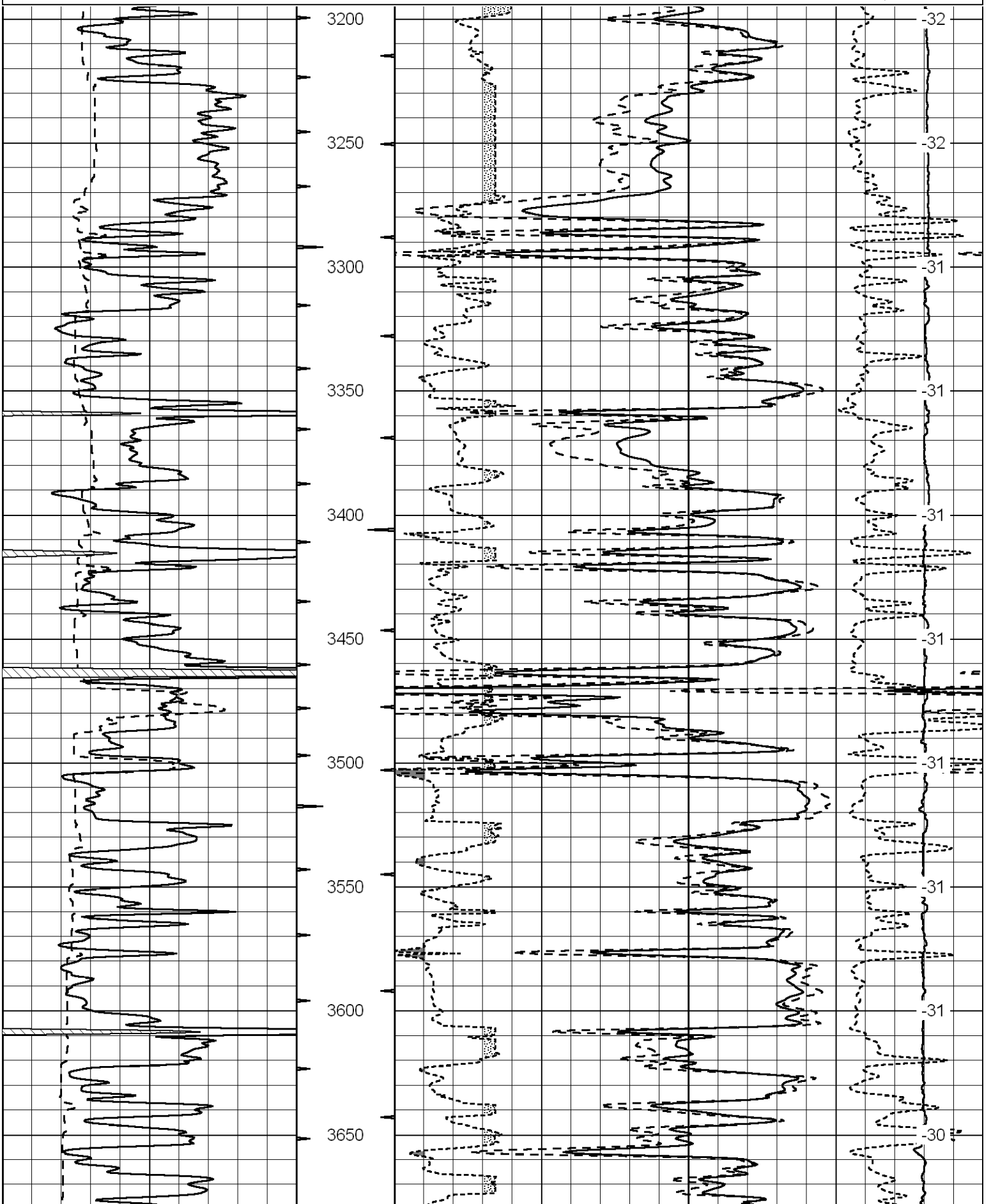
Hill City, KS:  
N to DD Rd, 7E, S into

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Presentation Format: cdl  
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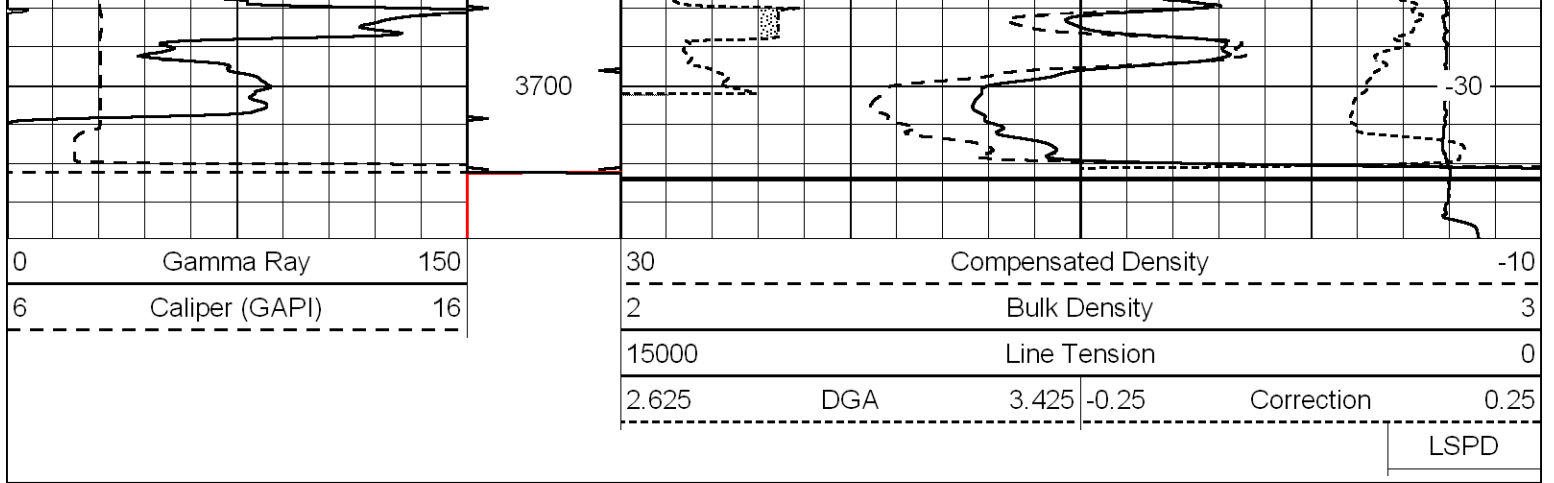
0	Gamma Ray	150
6	Caliper (GAPI)	16

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

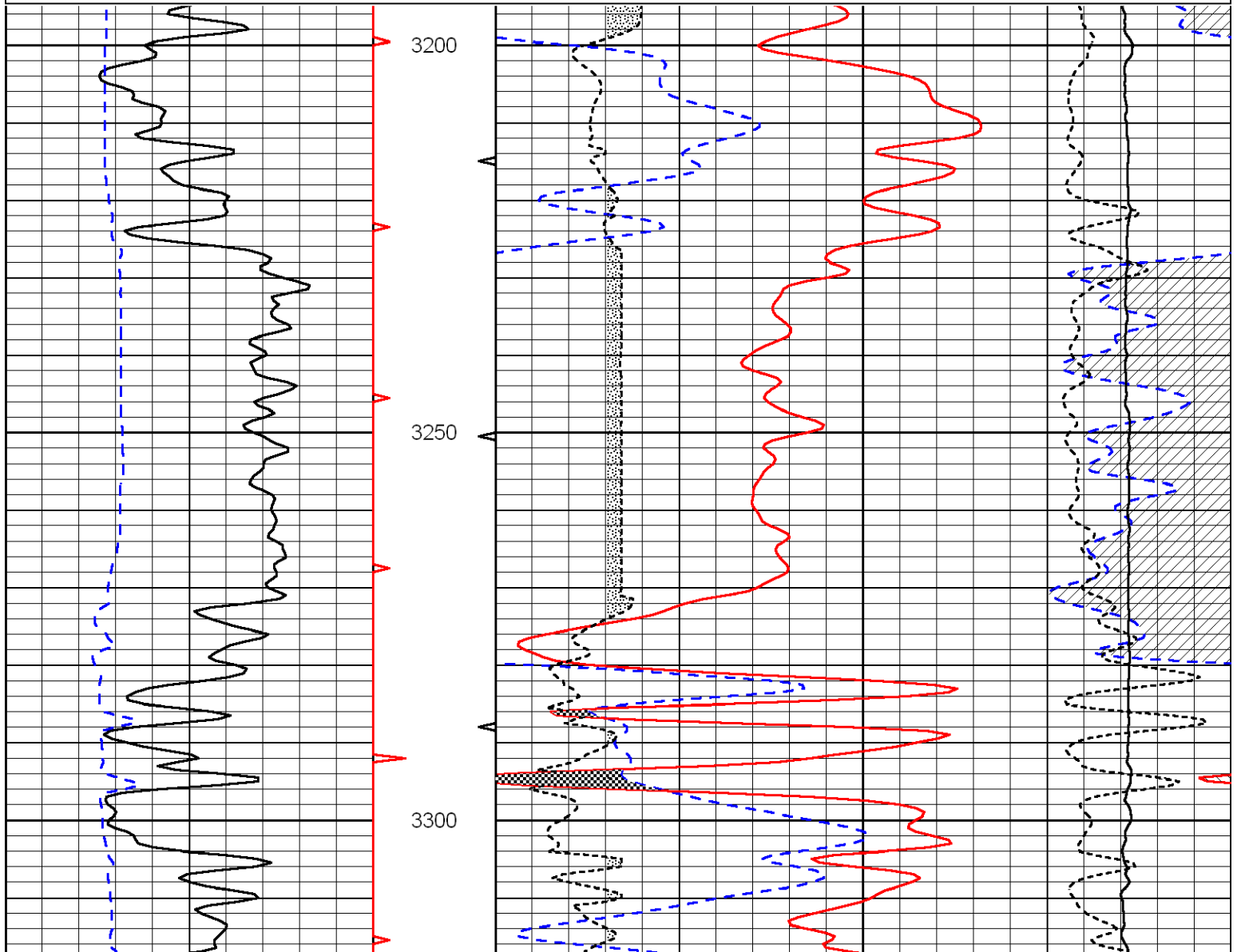
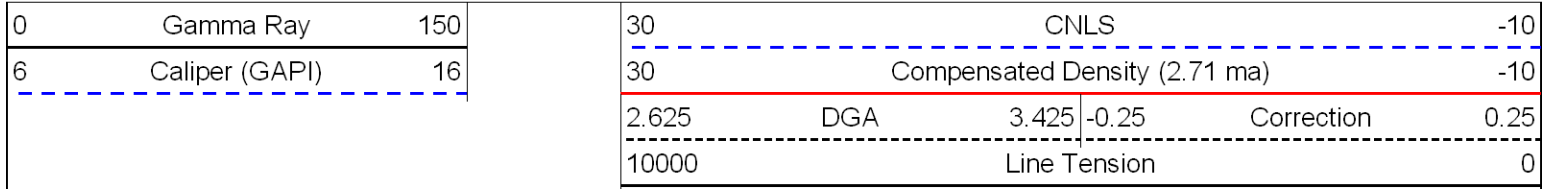
LSPD

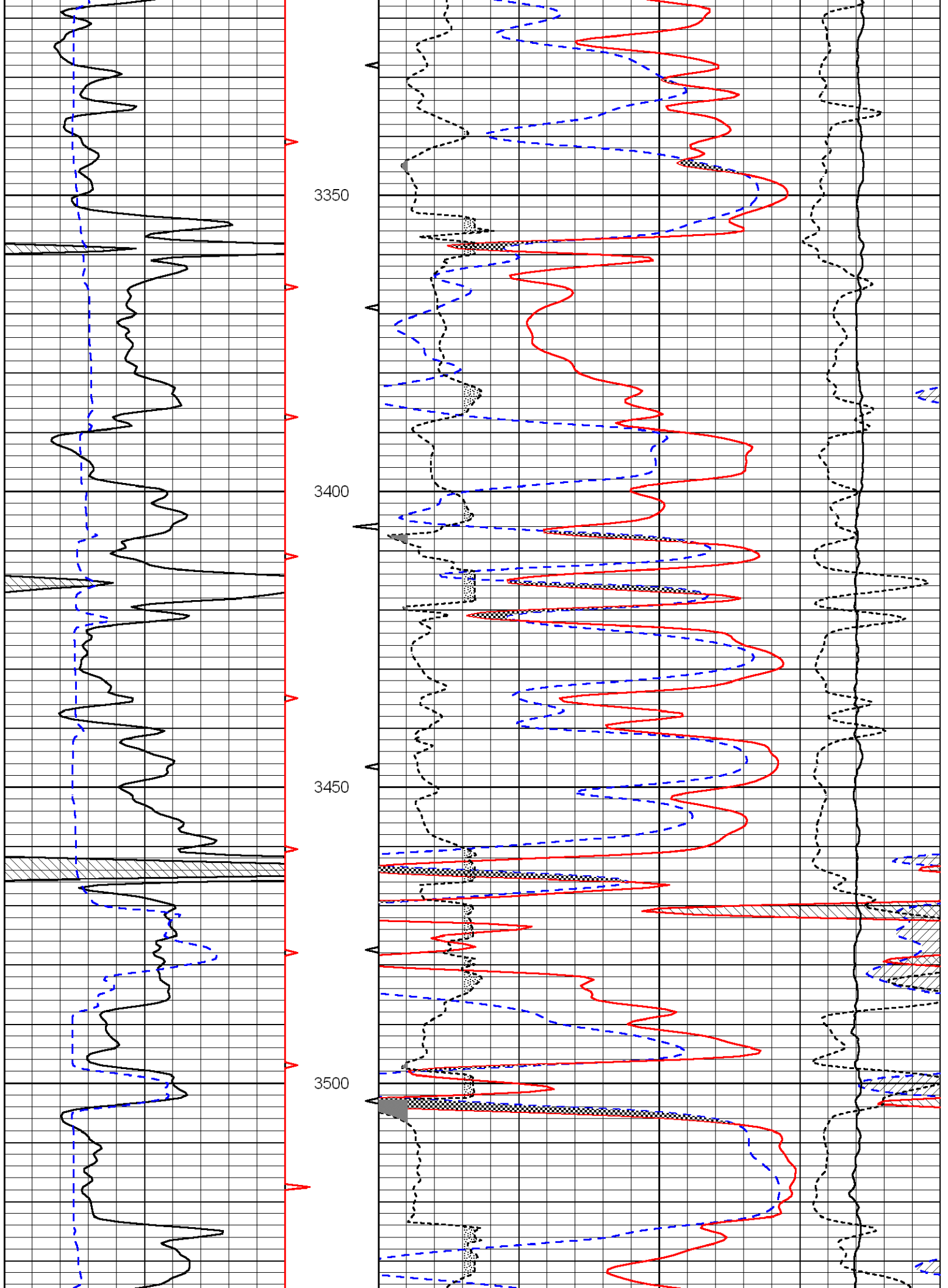


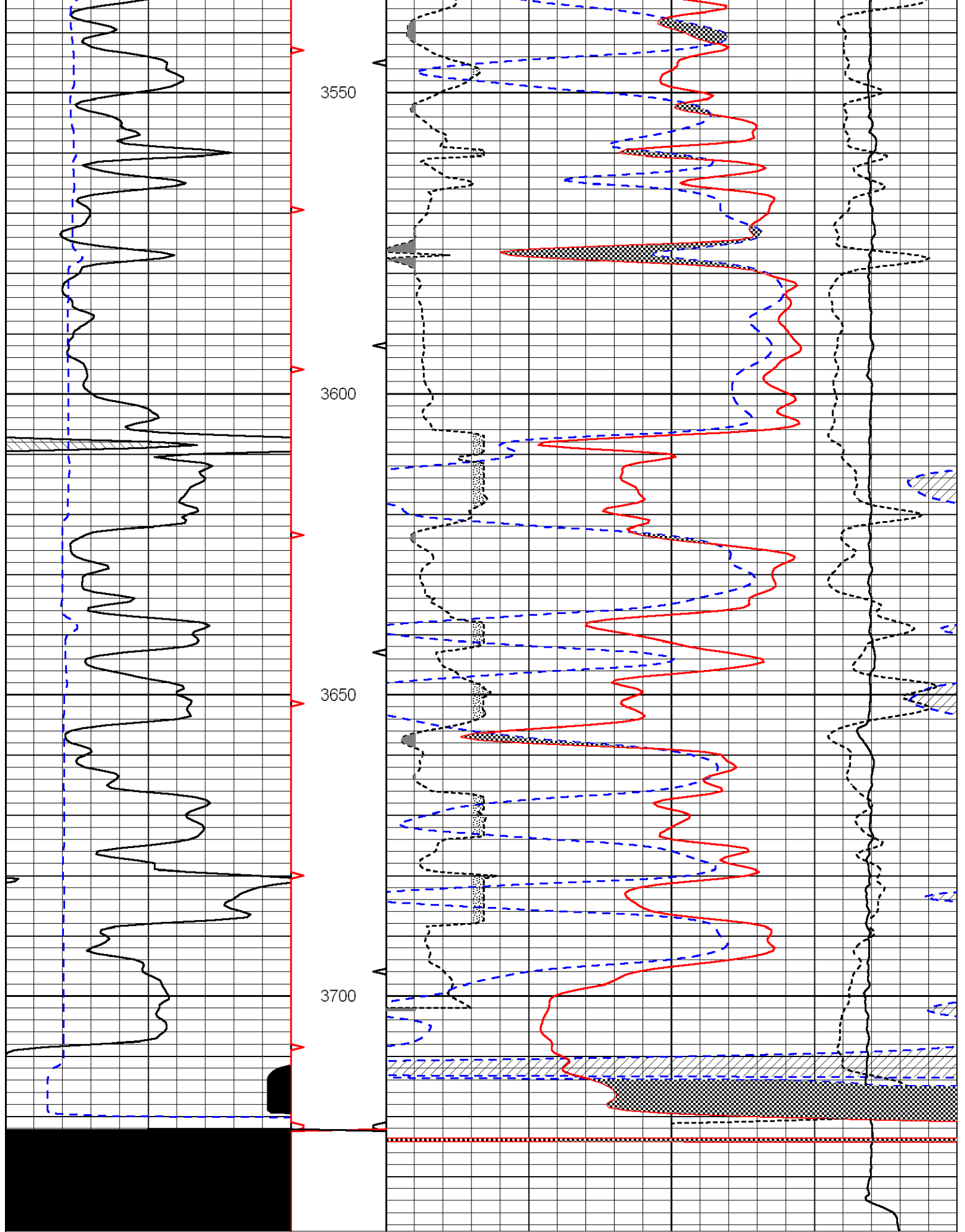




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 Dataset Creation: Fri May 06 09:20:11 2011  
 Charted by: Depth in Feet scaled 1:240







0	Gamma Ray	150
6	Caliper (GAPI)	16

30	CNLS	-10		
30	Compensated Density (2.71 ma)	-10		
2.625	DGA	3.425 -0.25	Correction	0.25

10000

Line Tension

0



# Microresistivity Log

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

API No.	15-065-23735-00-00		
Company	Flatirons Resources, LLC		
Well	Rush Trust #33-10A		
Field	Springbird East		
County	Graham	State	Kansas
Location	SE NW SE 1890' FSL / 1700' FEL		
Sec: 10	Twp: 6S	Rge: 22W	Other Services CNL / CDL DIL / BHCS
Permanent Datum	Ground Level	Elevation 2254	Elevation
Log Measured From	Kelly Bushing	7 Ft. Above Perm. Datum	K.B. 2261
Drilling Measured From	Kelly Bushing		D.F. 2254
			G.L. 2254

Date	5/6/2011
Run Number	Two
Depth Driller	3731
Depth Logger	3734
Bottom Logged Interval	3733
Top Log Interval	3200
Casing Driller	8.625 @ 258
Casing Logger	264
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	1000
Density / Viscosity	8.9 58
pH / Fluid Loss	11.0 6.4
Source of Sample	Flowline
Rm @ Meas. Temp	1.80 @ 60
Rmf @ Meas. Temp	1.35 @ 60
Rmc @ Meas. Temp	2.43 @ 60
Source of Rmf / Rmc	Charts
Rm @ BHT	0.95 @ 113
Operating Rig Time	5 Hours
Max Rec. Temp. F	113
Equipment Number	15
Location	Hays
Recorded By	R. Barnhart
Witnessed By	Roger Moses

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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

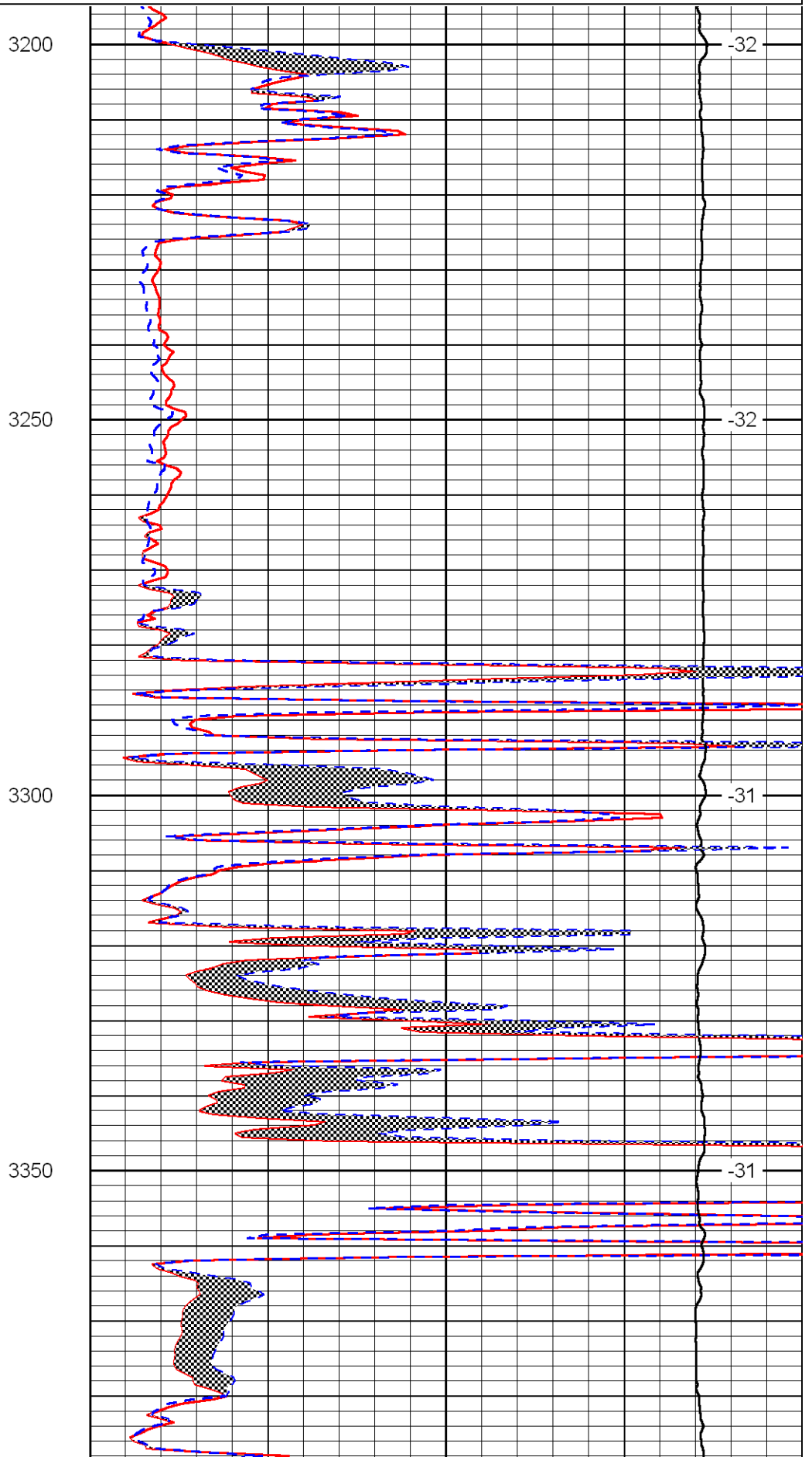
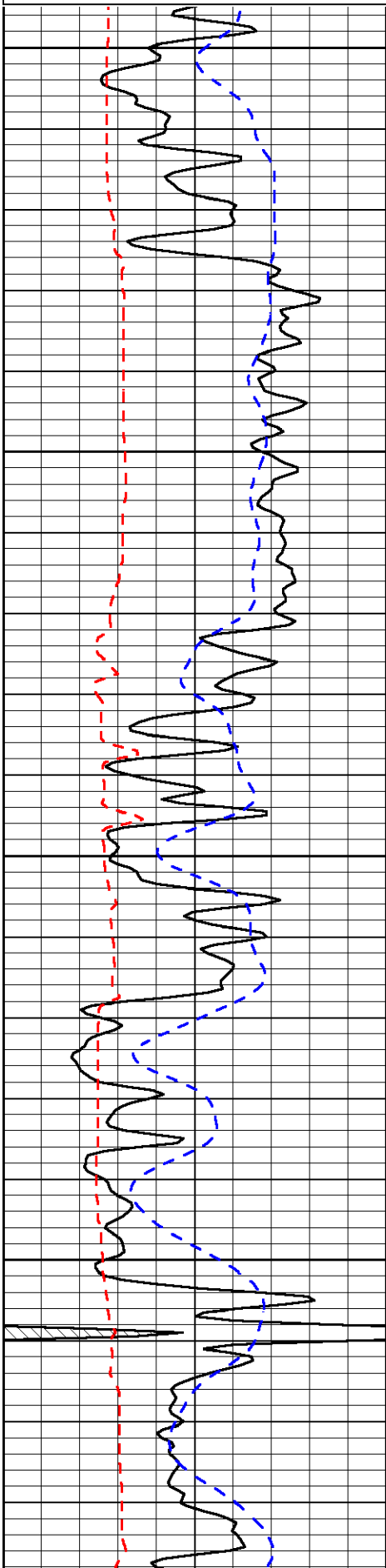
Thank you for using Log-Tech, Inc.  
(785) 625-3858

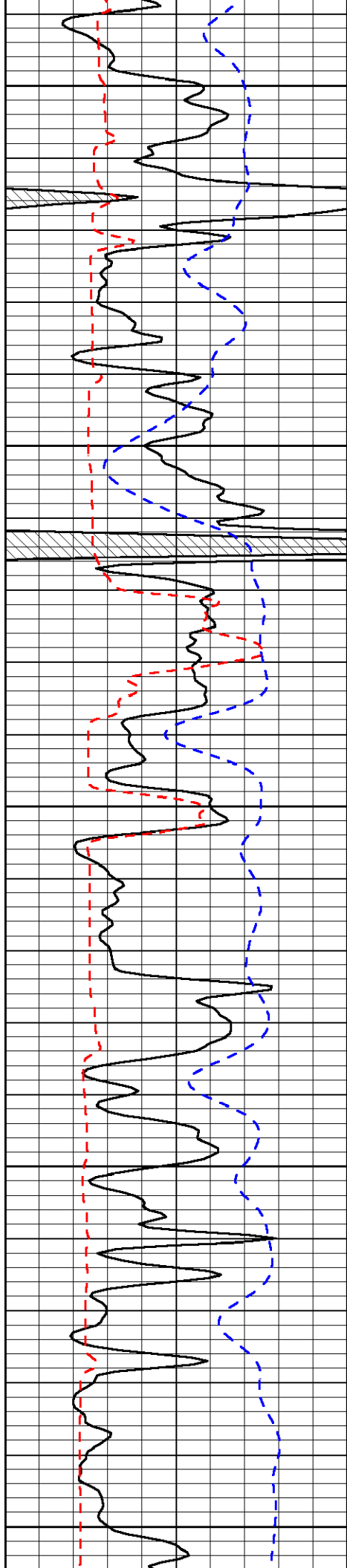
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N to DD Rd, 7E, S into

Database File: flathd.db  
 Dataset Pathname: dil/flamain  
 Presentation Format: micro  
 Dataset Creation: Fri May 06 09:20:11 2011  
 Charted by: Depth in Feet scaled 1:240

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

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
10000	Line Weight	0
		LSPD





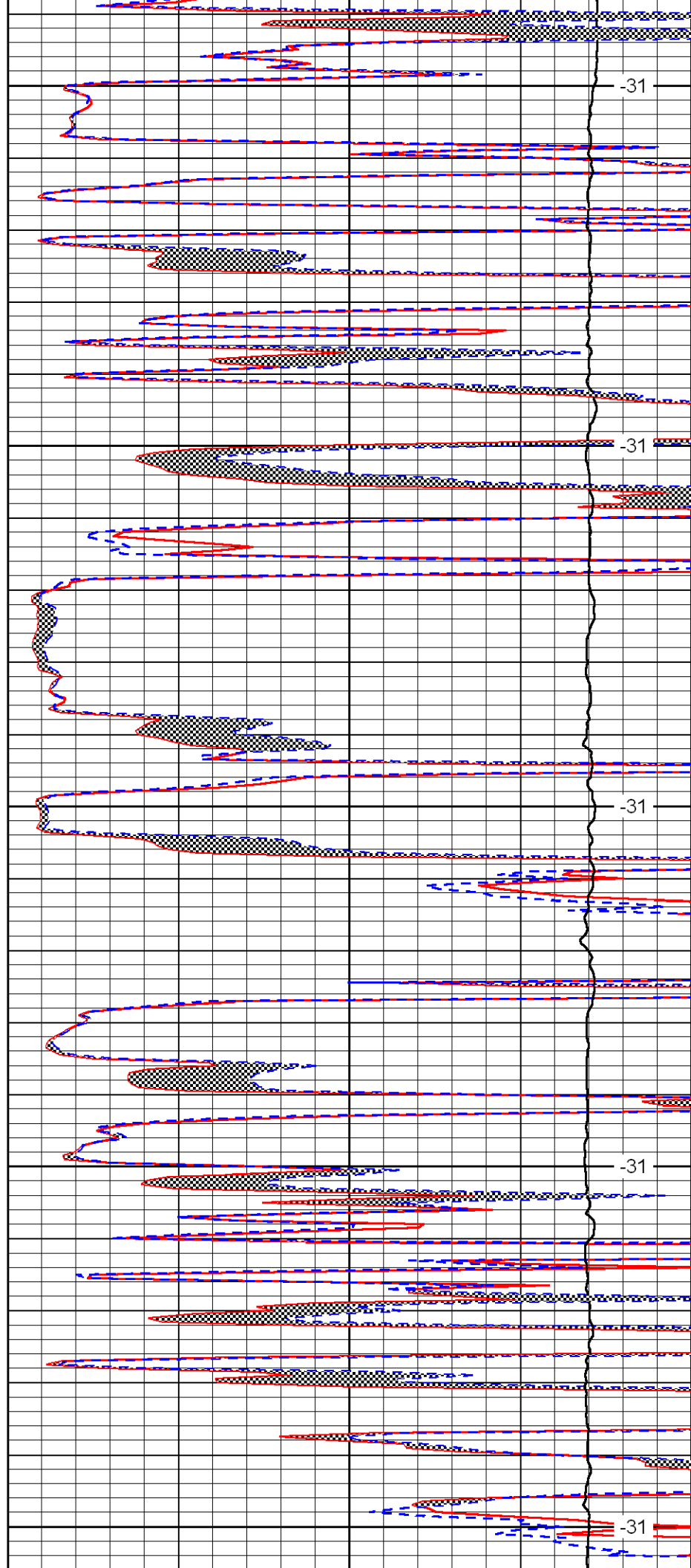
3400

3450

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3600



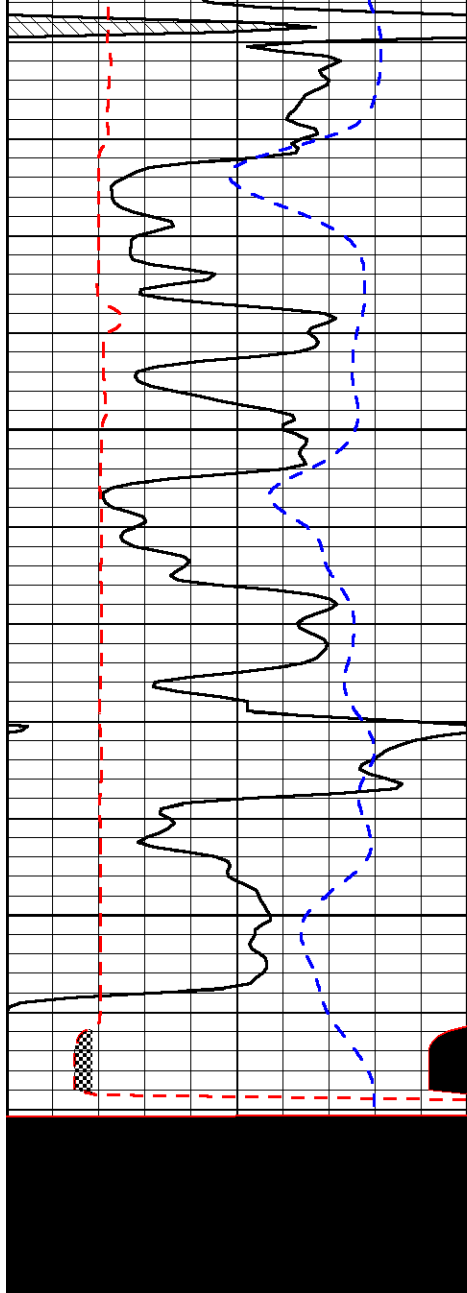
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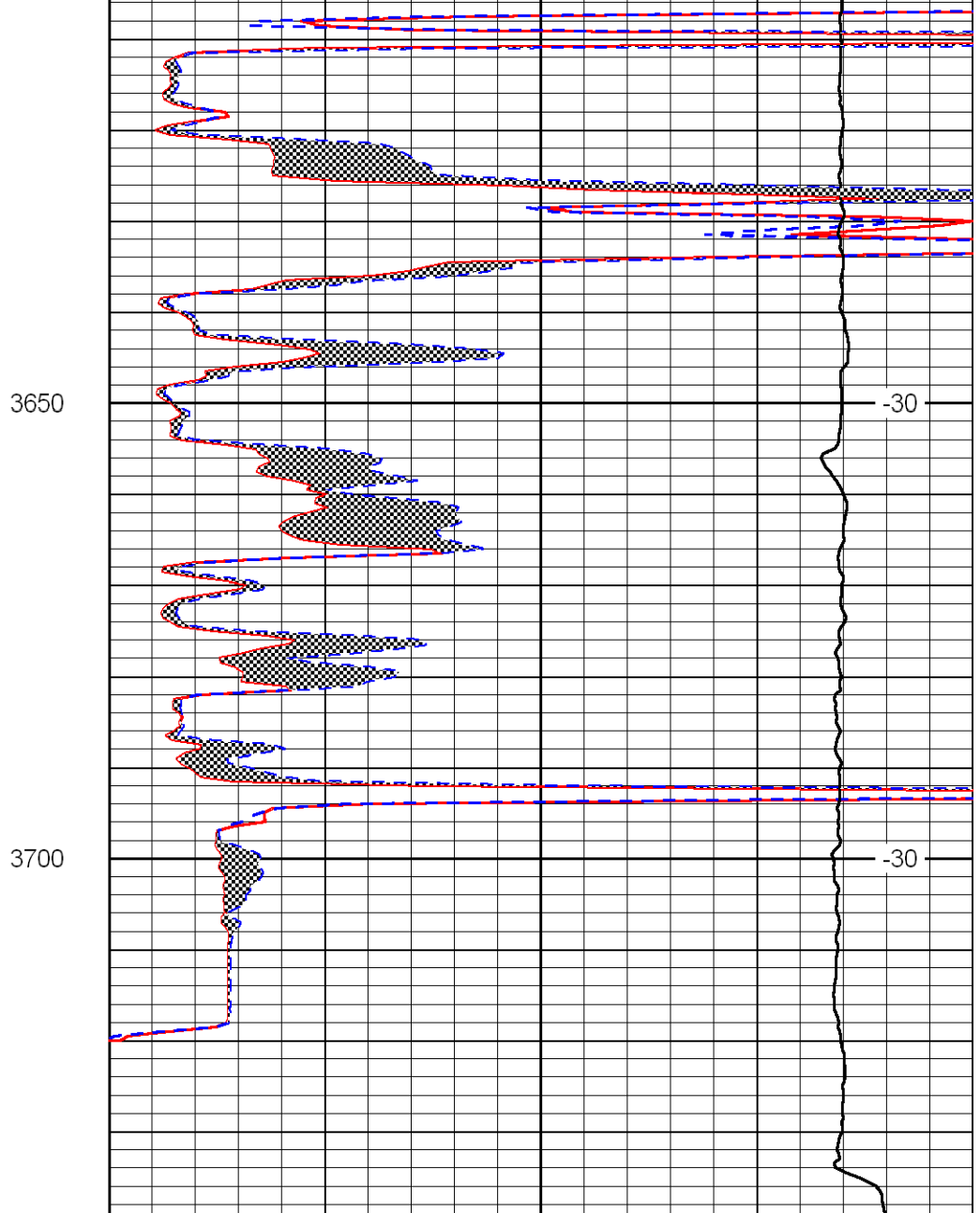
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-31

-31



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



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

LSPD





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Flatiron Resources LLC  
303 E 17th Ave Ste 940  
Denver CO, 80203  
ATTN: Roger Mozes

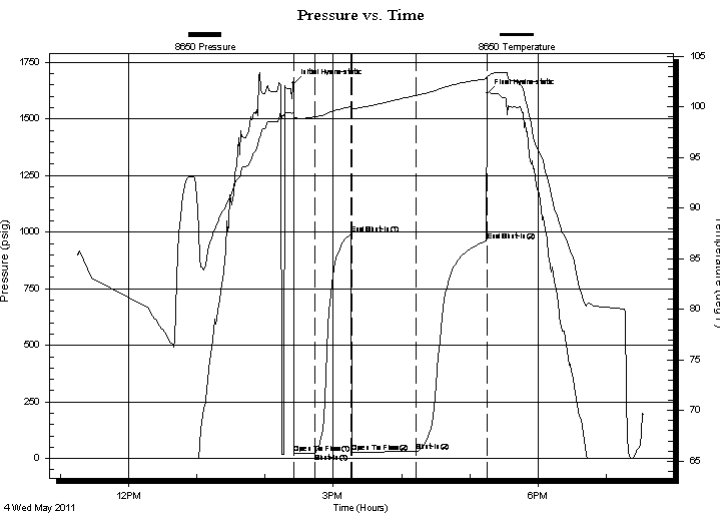
**Rush Trust # 33-10A**  
**10-6-22 Grahm**  
Job Ticket: 42589 **DST#: 1**  
Test Start: 2011.05.04 @ 11:15:18

## GENERAL INFORMATION:

Formation: **Oread LS**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 14:25:08  
Time Test Ended: 19:34:08  
Interval: **3421.00 ft (KB) To 3478.00 ft (KB) (TVD)**  
Total Depth: 3478.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Reference Elevations: 2261.00 ft (KB)  
2254.00 ft (CF)  
KB to GR/CF: 7.00 ft  
Test Type: Conventional Bottom Hole  
Tester: Cody Bloedorn  
Unit No: 39

**Serial #: 8650 Inside**  
Press @ Run Depth: 32.47 psig @ 3422.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2011.05.04 End Date: 2011.05.04 Last Calib.: 2011.05.04  
Start Time: 11:15:23 End Time: 19:34:08 Time On Btm: 2011.05.04 @ 14:24:58  
Time Off Btm: 2011.05.04 @ 17:15:27

**TEST COMMENT:** 19 - IF- Weak surface blow , Died in 12 Min  
30 - No blow back  
60 - 1/4" blow 9 Min.  
60 - No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1658.34	99.40	Initial Hydro-static
1	21.05	98.83	Open To Flow (1)
19	23.63	99.03	Shut-In(1)
51	994.35	100.04	End Shut-In(1)
51	28.12	99.69	Open To Flow (2)
108	32.47	101.15	Shut-In(2)
170	961.98	102.80	End Shut-In(2)
171	1613.61	103.01	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
45.00	30%O, 70%M	0.63

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Flatiron Resources LLC

**Rush Trust # 33-10A**

303 E 17th Ave Ste 940  
Denver CO, 80203

**10-6-22 Graham**

Job Ticket: 42589

**DST#: 1**

ATTN: Roger Mozes

Test Start: 2011.05.04 @ 11:15:18

## 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: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	30%O, 70%M	0.631

Total Length: 45.00 ft      Total Volume: 0.631 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

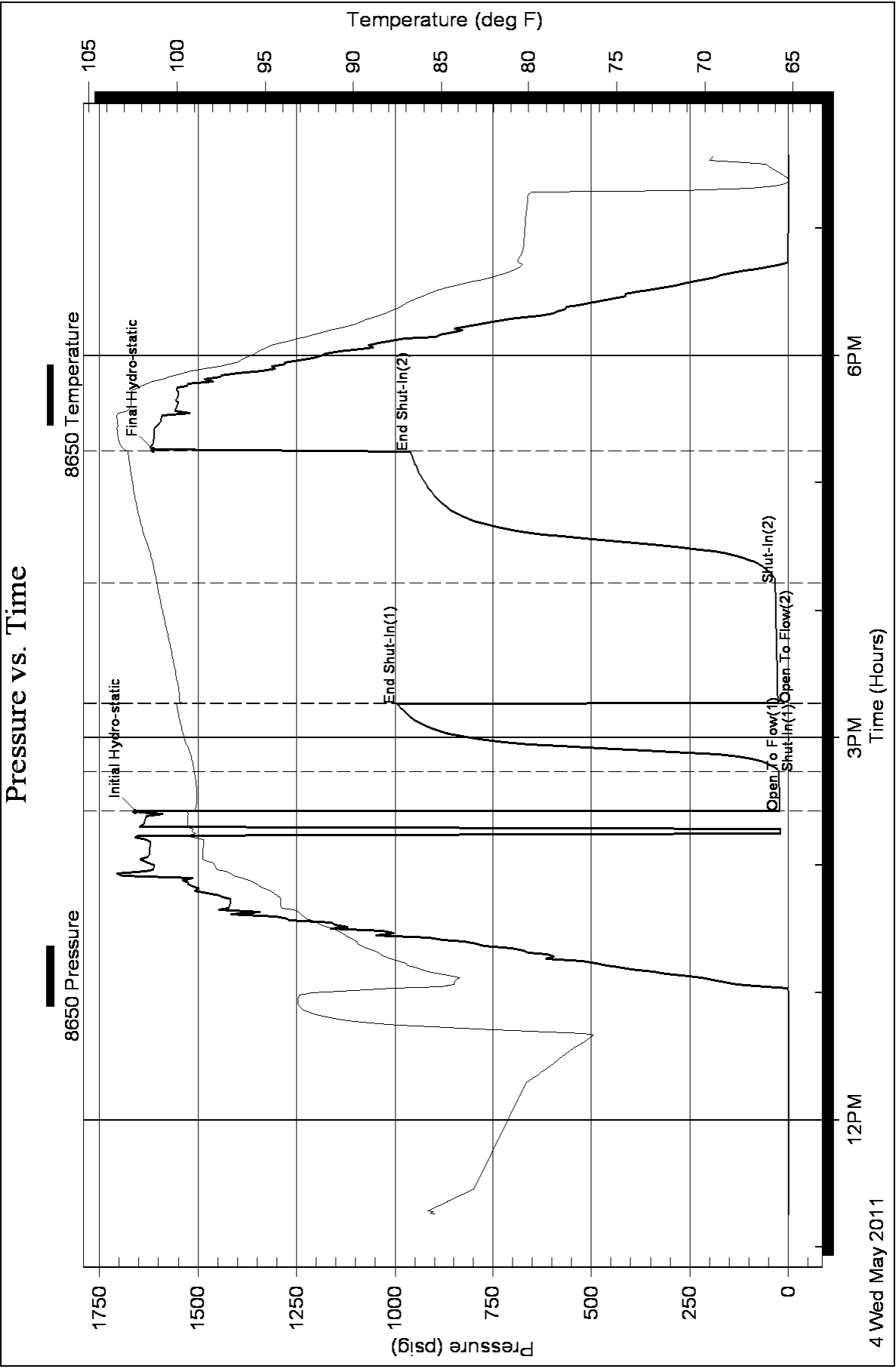
Serial #:

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  
Denver CO, 80203

ATTN: Roger Mozes

**Rush Trust # 33-10A**

**10-6-22 Gramm KS**

Job Ticket: 42590

**DST#: 2**

Test Start: 2011.05.05 @ 03:05:17

## GENERAL INFORMATION:

Formation: **Toranto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:13:27

Time Test Ended: 11:32:47

Test Type: Conventional Bottom Hole

Tester: Cody Bloedorn

Unit No: 39

**Interval: 3464.00 ft (KB) To 3501.00 ft (KB) (TVD)**

Reference Elevations: 2261.00 ft (KB)

Total Depth: 3501.00 ft (KB) (TVD)

2254.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 8650 Inside**

Press @ Run Depth: 640.64 psig @ 3465.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.05

End Date:

2011.05.05

Last Calib.:

2011.05.05

Start Time: 03:05:22

End Time:

11:32:46

Time On Btm:

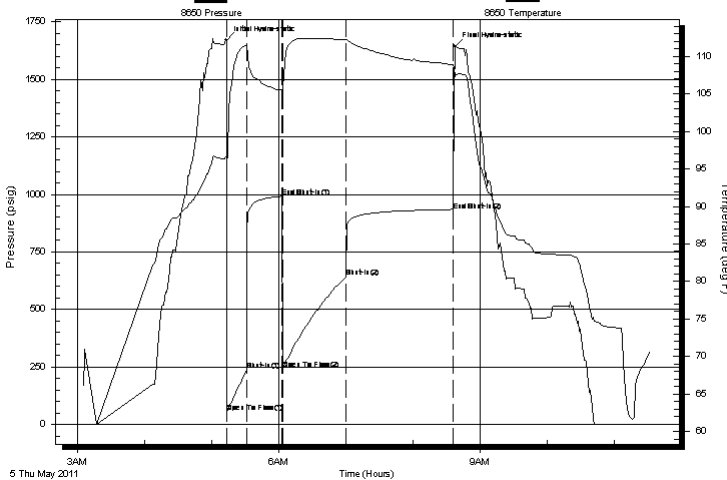
2011.05.05 @ 05:12:57

Time Off Btm:

2011.05.05 @ 08:37:26

**TEST COMMENT:** 15 - IF- 3" blow  
30 - IS- No blow back  
60 - FF- 2" blow , died in 51 min.  
90 - FSI - No blow back

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1670.33	96.57	Initial Hydro-static
1	53.43	95.62	Open To Flow (1)
19	234.79	111.48	Shut-In(1)
50	991.68	105.52	End Shut-In(1)
51	240.01	105.34	Open To Flow (2)
107	640.64	112.24	Shut-In(2)
204	926.85	108.86	End Shut-In(2)
205	1643.45	107.29	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1395.00	40%M, 60%W	19.57

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Flatirons Resources LLC

**Rush Trust # 33-10A**

303 E 17th Ave Ste 940  
Denver CO, 80203

**10-6-22 Gramm KS**

Job Ticket: 42590

**DST#: 2**

ATTN: Roger Mozes

Test Start: 2011.05.05 @ 03:05:17

**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: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
1395.00	40%M, 60%W	19.568

Total Length: 1395.00 ft      Total Volume: 19.568 bbl

Num Fluid Samples: 0

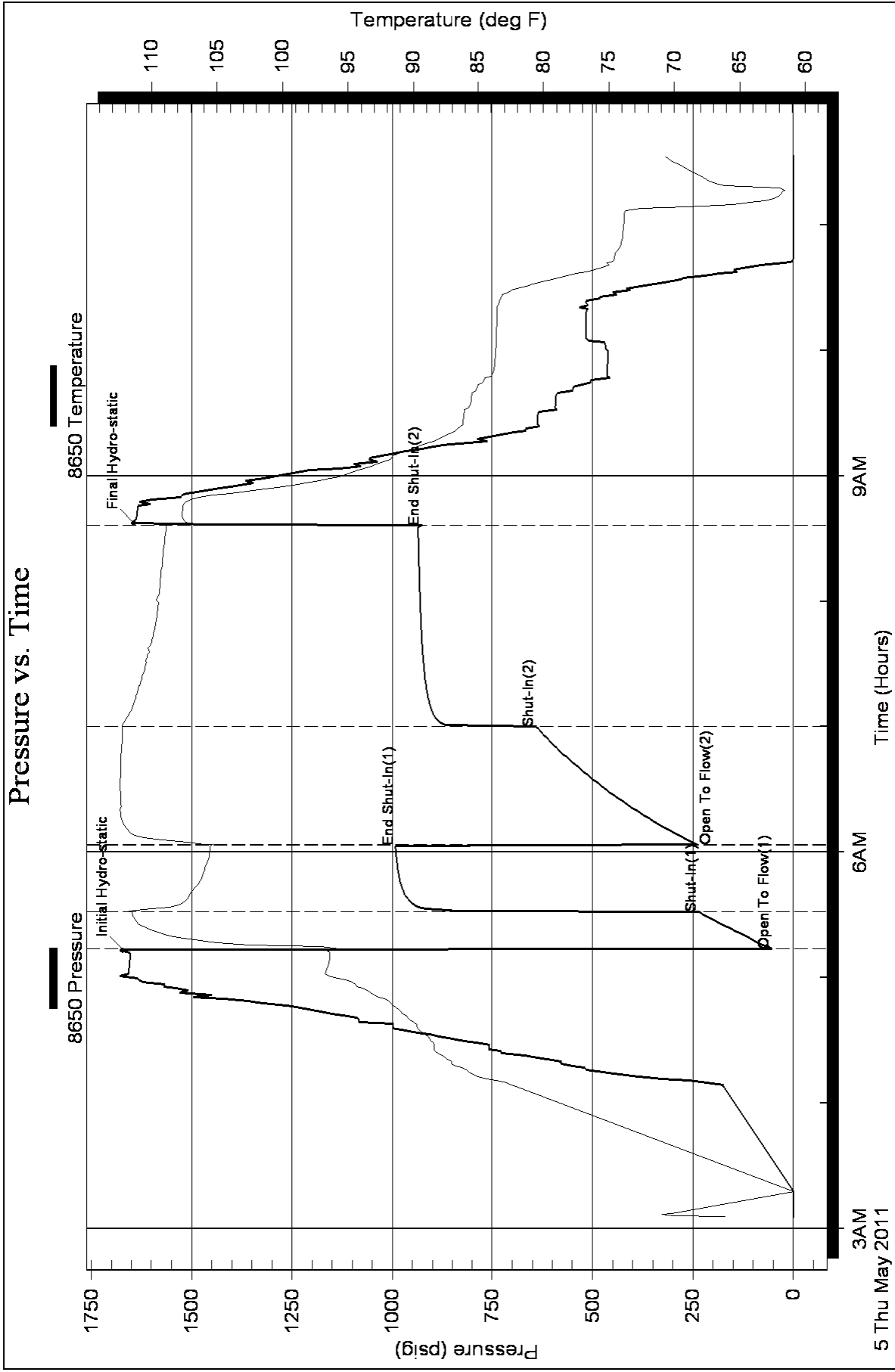
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Flatiron Resources LLC  
 303 E 17th Ave Ste 940  
 Denver CO, 80203  
 ATTN: Roger Mozes

**Rush Trust # 33-10A**  
**10-6-22 Grahm**  
 Job Ticket: 42591 **DST#: 3**  
 Test Start: 2011.05.06 @ 12:20:43

## GENERAL INFORMATION:

Formation: **KC "H,I,J"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 14:20:23  
 Time Test Ended: 19:57:03  
**Interval: 3599.00 ft (KB) To 3731.00 ft (KB) (TVD)**  
 Total Depth: 3731.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle  
 Tester: Cody Bloedorn  
 Unit No: 39  
 Reference Elevations: 2261.00 ft (KB)  
 2254.00 ft (CF)  
 KB to GR/CF: 7.00 ft

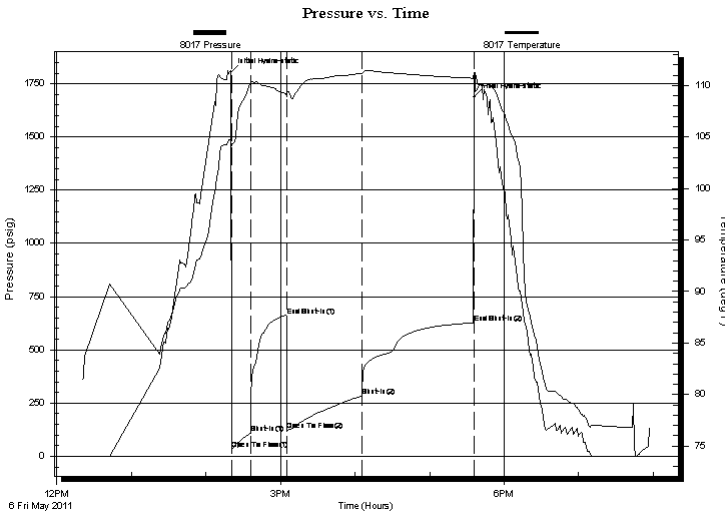
## Serial #: 8017

## Outside

Press @ Run Depth: 282.99 psig @ 3730.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.05.06 End Date: 2011.05.06 Last Calib.: 2011.05.06  
 Start Time: 12:20:48 End Time: 19:57:03 Time On Btm: 2011.05.06 @ 14:20:03  
 Time Off Btm: 2011.05.06 @ 17:35:52

**TEST COMMENT:** 15 - IF - B.O.B. 9 Min.  
 30 - ISI - blow back @ 10 min, Died @ 15 Min.  
 60 - FF - B.O.B. 14 Min.  
 90 - FSI - Weak surface blow @ 8 Min. Died @ 19 Min.

## PRESSURE SUMMARY



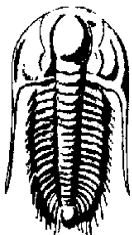
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1803.12	104.76	Initial Hydro-static
1	35.00	104.14	Open To Flow (1)
16	109.61	110.18	Shut-In(1)
45	657.80	109.22	End Shut-In(1)
45	120.71	108.95	Open To Flow (2)
106	282.99	111.20	Shut-In(2)
196	627.82	110.71	End Shut-In(2)
196	1687.29	111.29	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)

## Gas Rates

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



# TRILOBITE TESTING, INC.

## DRILL STEM TEST REPORT

Flatiron Resources LLC

303 E 17th Ave Ste 940  
Denver CO, 80203

ATTN: Roger Mozes

**Rush Trust # 33-10A**

**10-6-22 Grahm**

Job Ticket: 42591

**DST#: 3**

Test Start: 2011.05.06 @ 12:20:43

### GENERAL INFORMATION:

Formation: **KC "H,I,J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:20:23

Time Test Ended: 19:57:03

Test Type: Conventional Straddle

Tester: Cody Bloedorn

Unit No: 39

**Interval: 3599.00 ft (KB) To 3731.00 ft (KB) (TVD)**

Total Depth: 3731.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2261.00 ft (KB)

2254.00 ft (CF)

KB to GR/CF: 7.00 ft

**Serial #: 8352**

**Inside**

Press @ Run Depth: psig @ 3730.00 ft (KB)

Start Date: 2011.05.06

End Date:

2011.05.06

Start Time: 12:20:59

End Time:

19:57:44

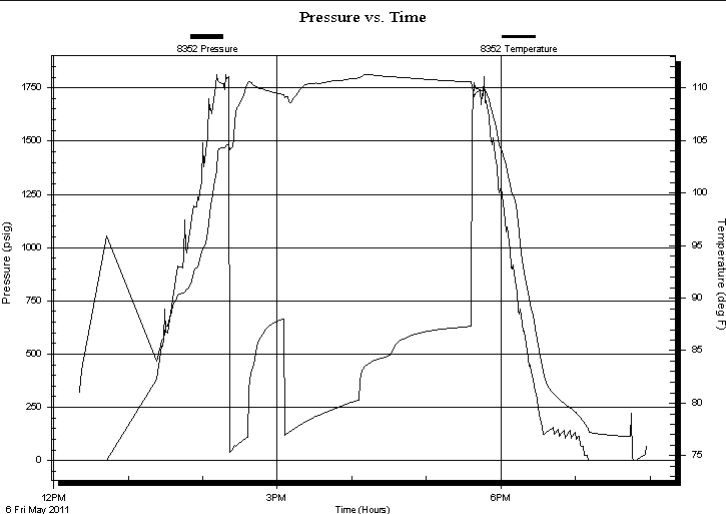
Capacity: 8000.00 psig

Last Calib.: 2011.05.06

Time On Btm:

Time Off Btm:

**TEST COMMENT:** 15 - IF - B.O.B. 9 Min.  
30 - ISI - blow back @ 10 min, Died @ 15 Min.  
60 - FF - B.O.B. 14 Min.  
90 - FSI - Weak surface blow @ 8 Min. Died @ 19 Min.



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)

### Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Flatiron Resources LLC  
303 E 17th Ave Ste 940  
Denver CO, 80203  
ATTN: Roger Mozes

**Rush Trust # 33-10A**  
**10-6-22 Graham**  
Job Ticket: 42591      **DST#: 3**  
Test Start: 2011.05.06 @ 12:20:43

## 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: bbl		
Water Loss: 6.40 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: inches			

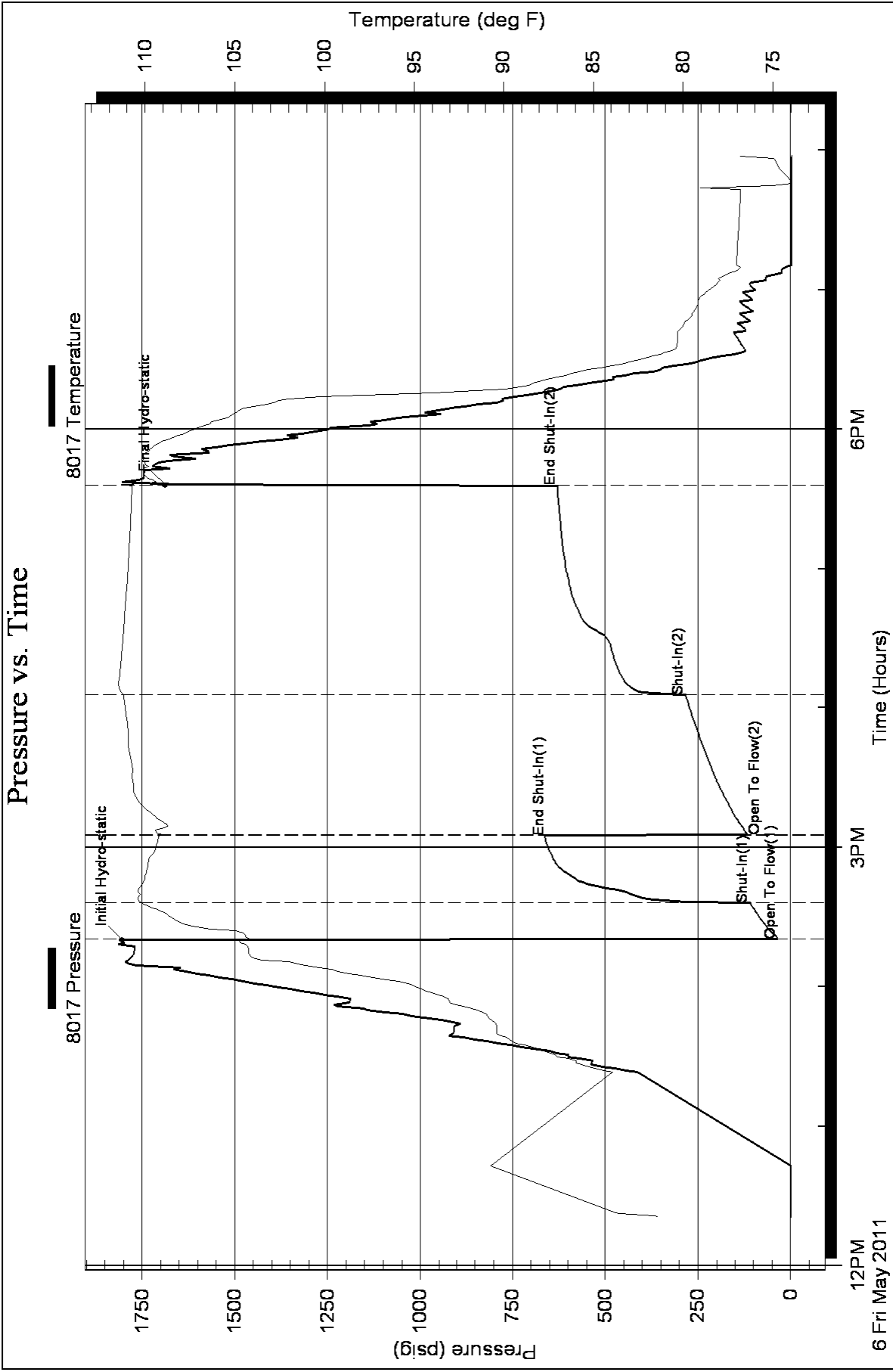
## Recovery Information

Recovery Table

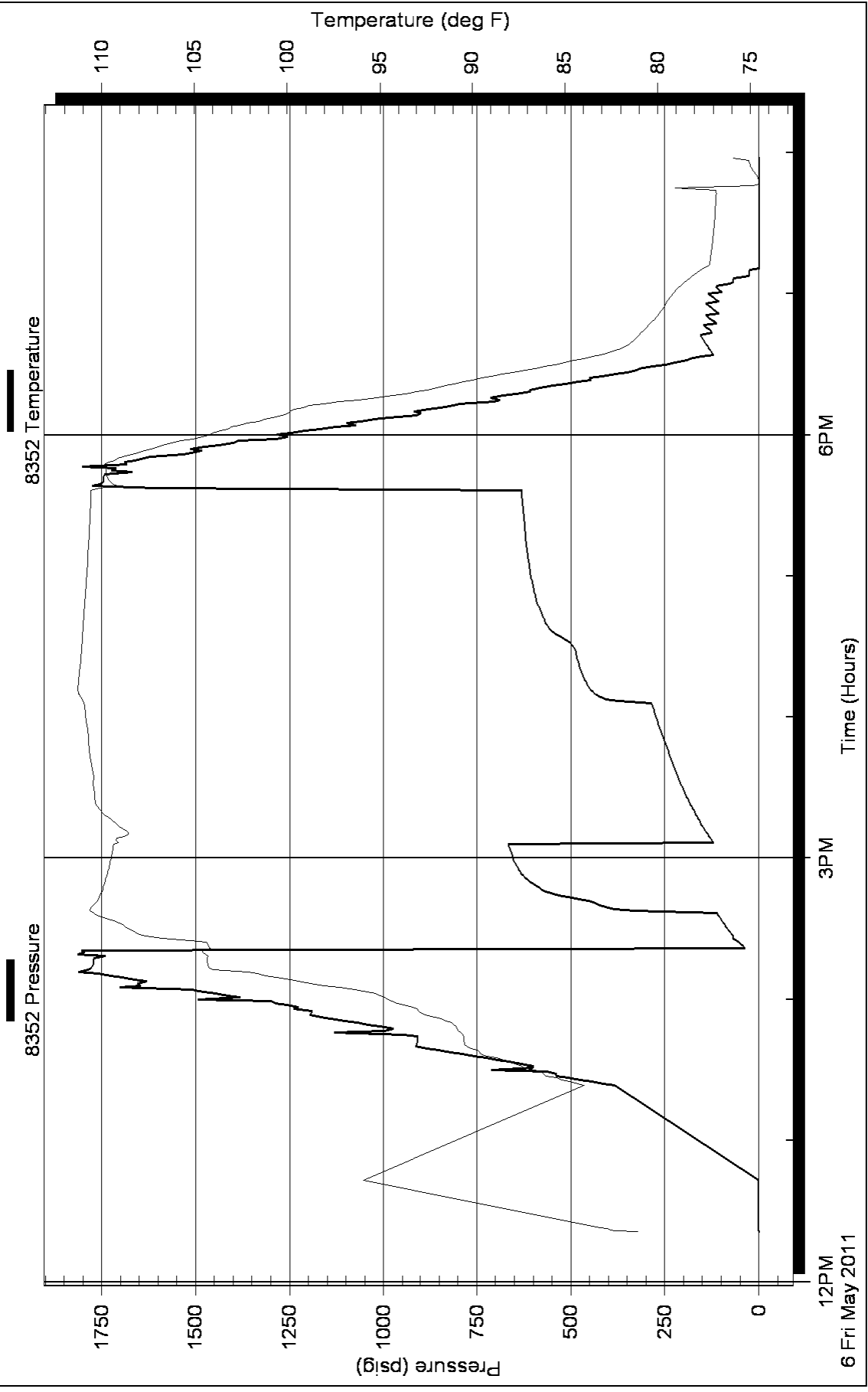
Length ft	Description	Volume bbl

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

### Pressure vs. Time



### Pressure vs. Time



12PM  
6 Fri May 2011

3PM

6PM



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Flatirons Resources LLC

303 E 17th Ave Ste 940  
Denver CO, 80203

ATTN: Roger Mozes

**Rush Trust # 33-10A**

**10-6-22 Graham KS**

Job Ticket: 42592

**DST#: 4**

Test Start: 2011.05.06 @ 20:50:55

## GENERAL INFORMATION:

Formation: **KC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:26:00

Time Test Ended: 00:57:50

Test Type: Conventional Straddle

Tester: Cody Bloedorn

Unit No: 39

**Interval: 3646.00 ft (KB) To 3661.00 ft (KB) (TVD)**

Total Depth: 3731.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2261.00 ft (KB)

2254.00 ft (CF)

KB to GR/CF: 7.00 ft

**Serial #: 8650 Inside**

Press @ Run Depth: psig @ 3647.00 ft (KB)

Start Date: 2011.05.06

End Date: 2011.05.07

Start Time: 20:50:55

End Time: 00:57:50

Capacity: 8000.00 psig

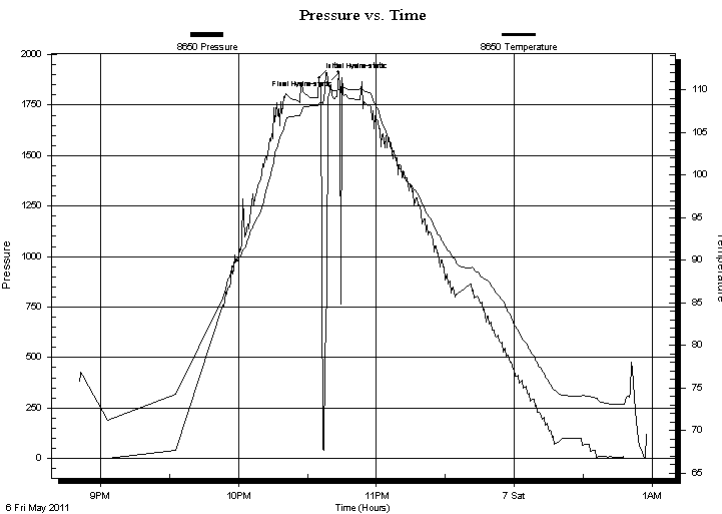
Last Calib.: 2011.05.07

Time On Btm: 2011.05.06 @ 22:35:00

Time Off Btm: 2011.05.06 @ 22:43:30

TEST COMMENT: IF- PACKER FAILURE - PULLED, TRIED TO RE SEAT, PACKER FAILURE STILL. PULLED TOOL

IS-  
FF-  
FS-



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1885.74	108.28	Initial Hydro-static
9	1911.76	110.07	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)

## Gas Rates

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



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Flatirons Resources LLC

**Rush Trust # 33-10A**

303 E 17th Ave Ste 940  
Denver CO, 80203

**10-6-22 Graham KS**

Job Ticket: 42592

**DST#: 4**

ATTN: Roger Mozes

Test Start: 2011.05.06 @ 20:50:55

**GENERAL INFORMATION:**

Formation: **KC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:26:00

Time Test Ended: 00:57:50

Test Type: Conventional Straddle

Tester: Cody Bloedorn

Unit No: 39

**Interval: 3646.00 ft (KB) To 3661.00 ft (KB) (TVD)**

Reference Elevations: 2261.00 ft (KB)

Total Depth: 3731.00 ft (KB) (TVD)

2254.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 8352 Inside**

Press @ Run Depth: psig @ 3667.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.06

End Date: 2011.05.07

Last Calib.: 2011.05.07

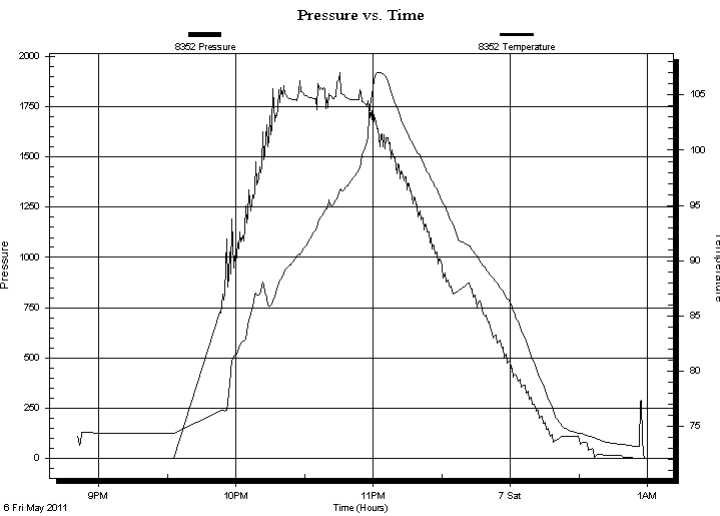
Start Time: 20:50:44

End Time: 00:58:59

Time On Btm:

Time Off Btm:

TEST COMMENT: IF- PACKER FAILURE - PULLED, TRIED TO RE SEAT, PACKER FAILURE STILL. PULLED TOOL  
IS-  
FF-  
FS-



**PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)

**Gas Rates**

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Flatirons Resources LLC

**Rush Trust # 33-10A**

303 E 17th Ave Ste 940  
Denver CO, 80203

**10-6-22 Graham KS**

Job Ticket: 42592

**DST#: 4**

ATTN: Roger Mozes

Test Start: 2011.05.06 @ 20:50:55

**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: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

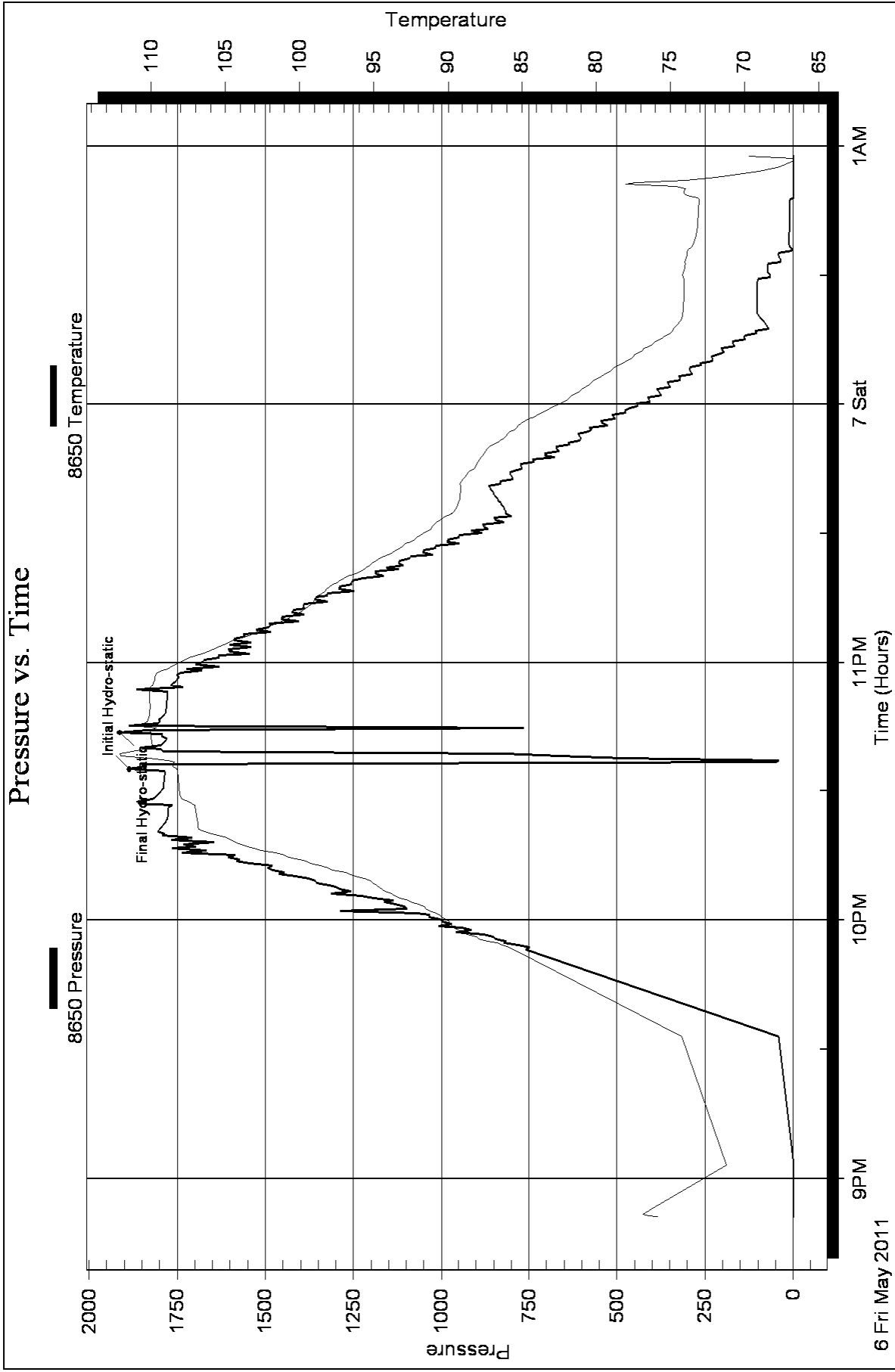
Length ft	Description	Volume bbbl

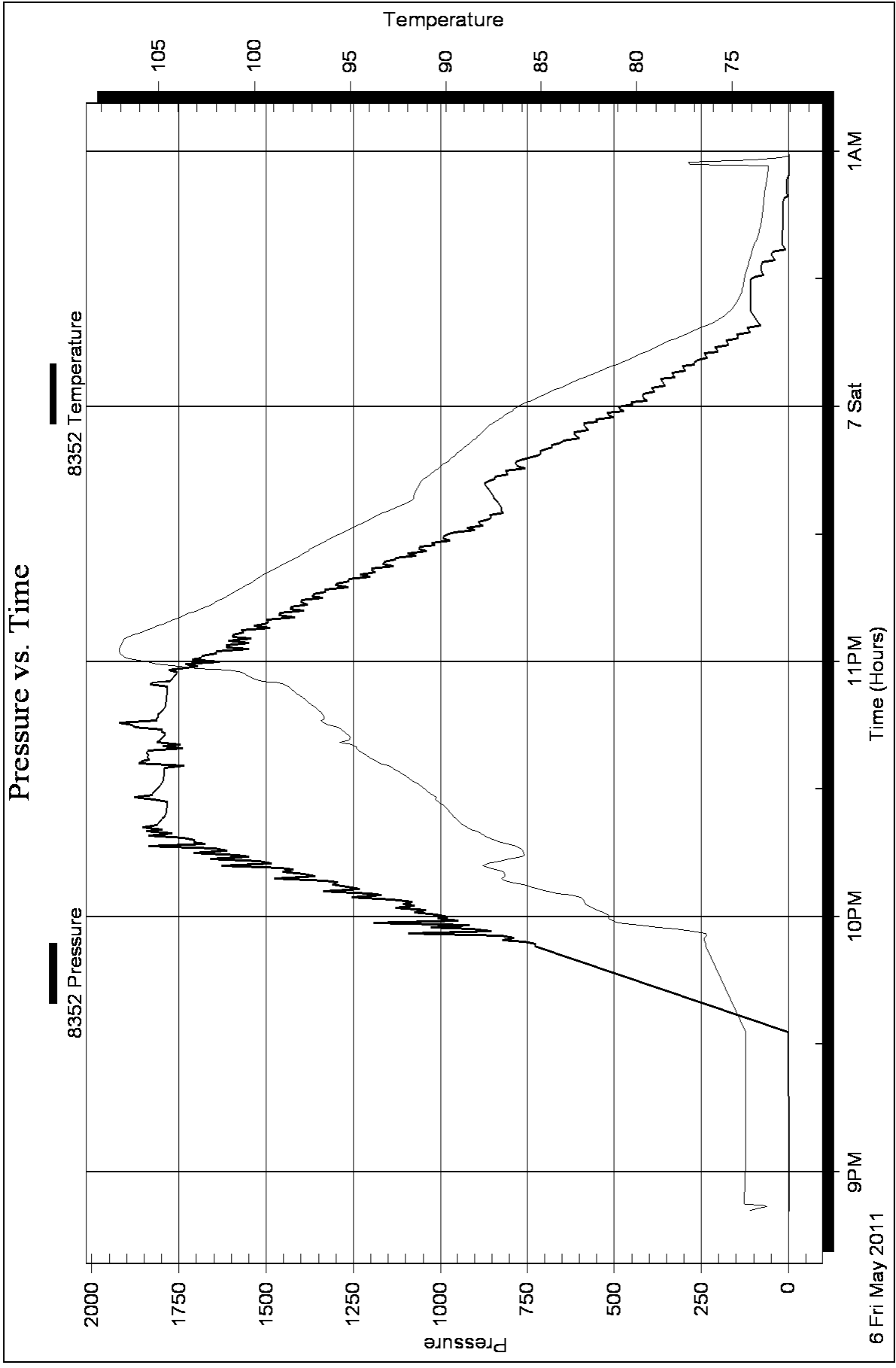
Total Length:                      ft      Total Volume:                      bbl

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  
Denver CO, 80203

ATTN: Roger Mozes

**Rush Trust # 33-10A**

**10-6-22 Graham KS**

Job Ticket: 42593

**DST#: 5**

Test Start: 2011.05.07 @ 01:27:59

## GENERAL INFORMATION:

Formation: **KC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:30:00

Time Test Ended: 06:23:49

Test Type: Conventional Bottom Hole

Tester: Cody Bloedorn

Unit No: 39

**Interval: 3642.00 ft (KB) To 3661.00 ft (KB) (TVD)**

Reference Elevations: 2261.00 ft (KB)

Total Depth: 3731.00 ft (KB) (TVD)

2254.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 8650 Inside**

Press @ Run Depth: psig @ 3643.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.07 End Date: 2011.05.07

Last Calib.: 2011.05.07

Start Time: 01:28:04 End Time: 06:23:49

Time On Btm: 2011.05.07 @ 03:24:09

Time Off Btm: 2011.05.07 @ 03:32:49

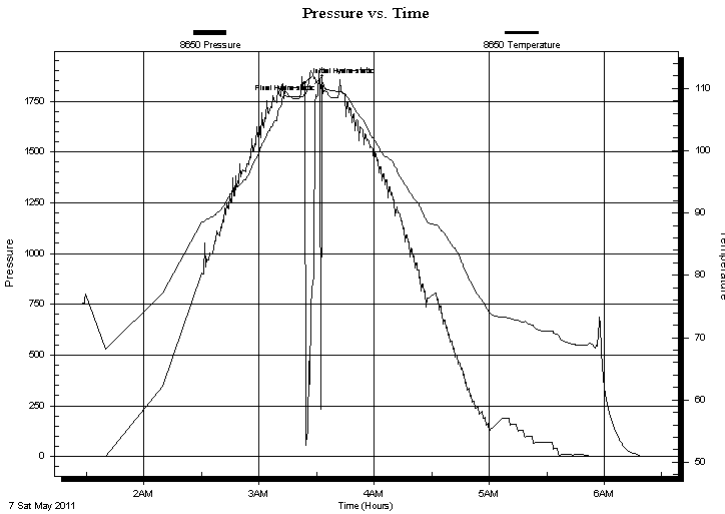
TEST COMMENT: IF- Packer failure. Tried reseating, failed, pulled tool.

IS-

FF-

FS-

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1840.69	109.04	Initial Hydro-static
9	1873.23	111.24	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
341.00	rig mud	4.78

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Flatirons Resources LLC

303 E 17th Ave Ste 940  
Denver CO, 80203

ATTN: Roger Mozes

**Rush Trust # 33-10A**

**10-6-22 Graham KS**

Job Ticket: 42593

**DST#: 5**

Test Start: 2011.05.07 @ 01:27:59

### GENERAL INFORMATION:

Formation: **KC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:30:00

Time Test Ended: 06:23:49

Test Type: Conventional Bottom Hole

Tester: Cody Bloedorn

Unit No: 39

**Interval: 3642.00 ft (KB) To 3661.00 ft (KB) (TVD)**

Total Depth: 3731.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2261.00 ft (KB)

2254.00 ft (CF)

KB to GR/CF: 7.00 ft

**Serial #: 8352**

**Inside**

Press @ Run Depth: psig @ 3667.00 ft (KB)

Start Date: 2011.05.07

End Date: 2011.05.07

Start Time: 01:27:05

End Time: 06:23:59

Capacity: 8000.00 psig

Last Calib.: 2011.05.07

Time On Btm:

Time Off Btm:

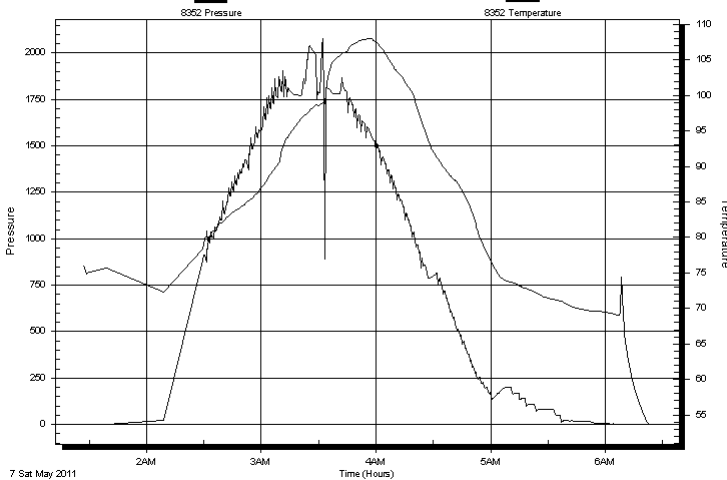
TEST COMMENT: IF- Packer failure. Tried reseating, failed, pulled tool.

IS-

FF-

FS-

Pressure vs. Time



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
341.00	rig mud	4.78

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Flatirons Resources LLC

**Rush Trust # 33-10A**

303 E 17th Ave Ste 940  
Denver CO, 80203

**10-6-22 Graham KS**

Job Ticket: 42593

**DST#: 5**

ATTN: Roger Mozes

Test Start: 2011.05.07 @ 01:27:59

## 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: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
341.00	rig mud	4.783

Total Length: 341.00 ft      Total Volume: 4.783 bbl

Num Fluid Samples: 0

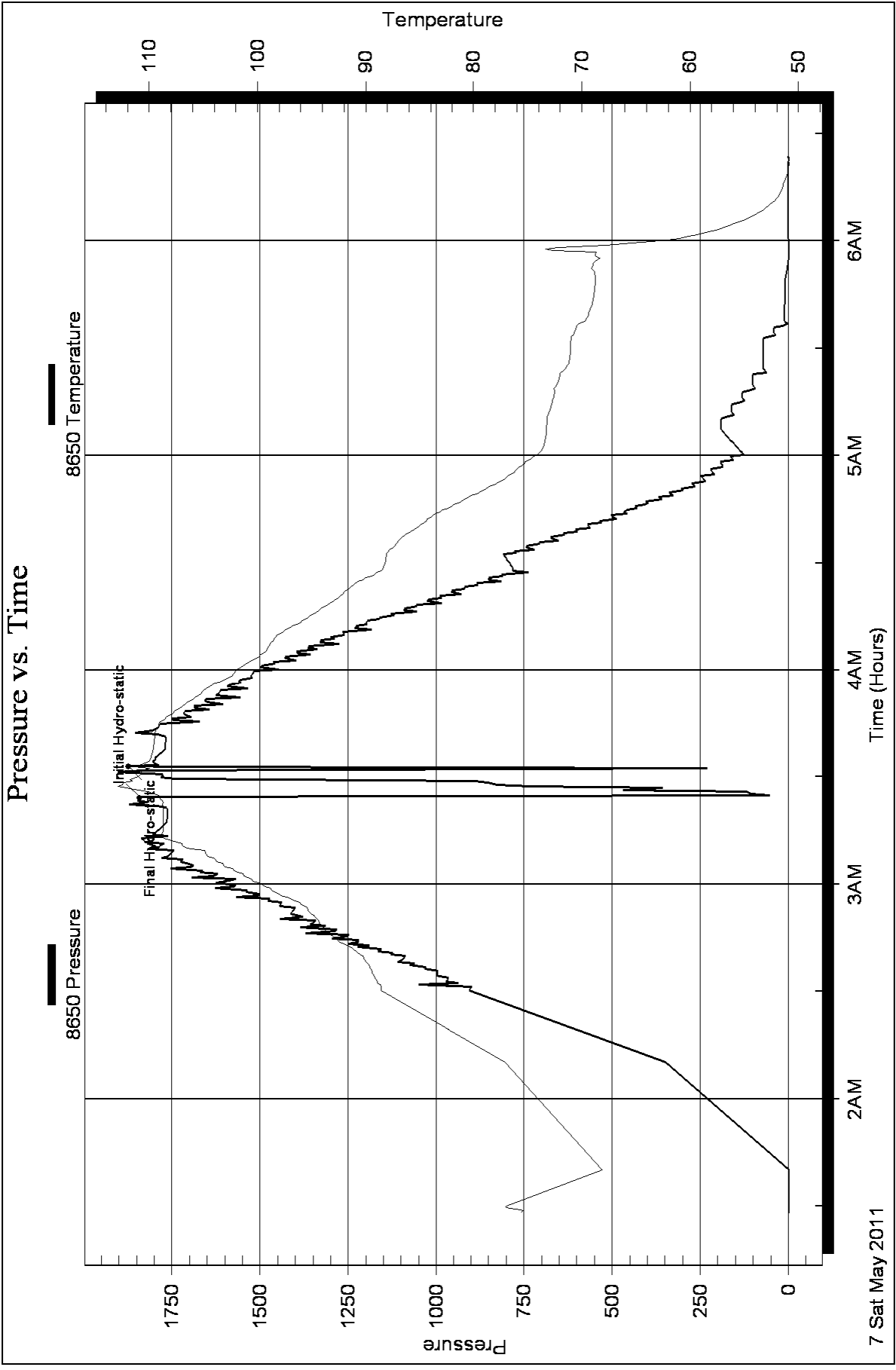
Num Gas Bombs: 0

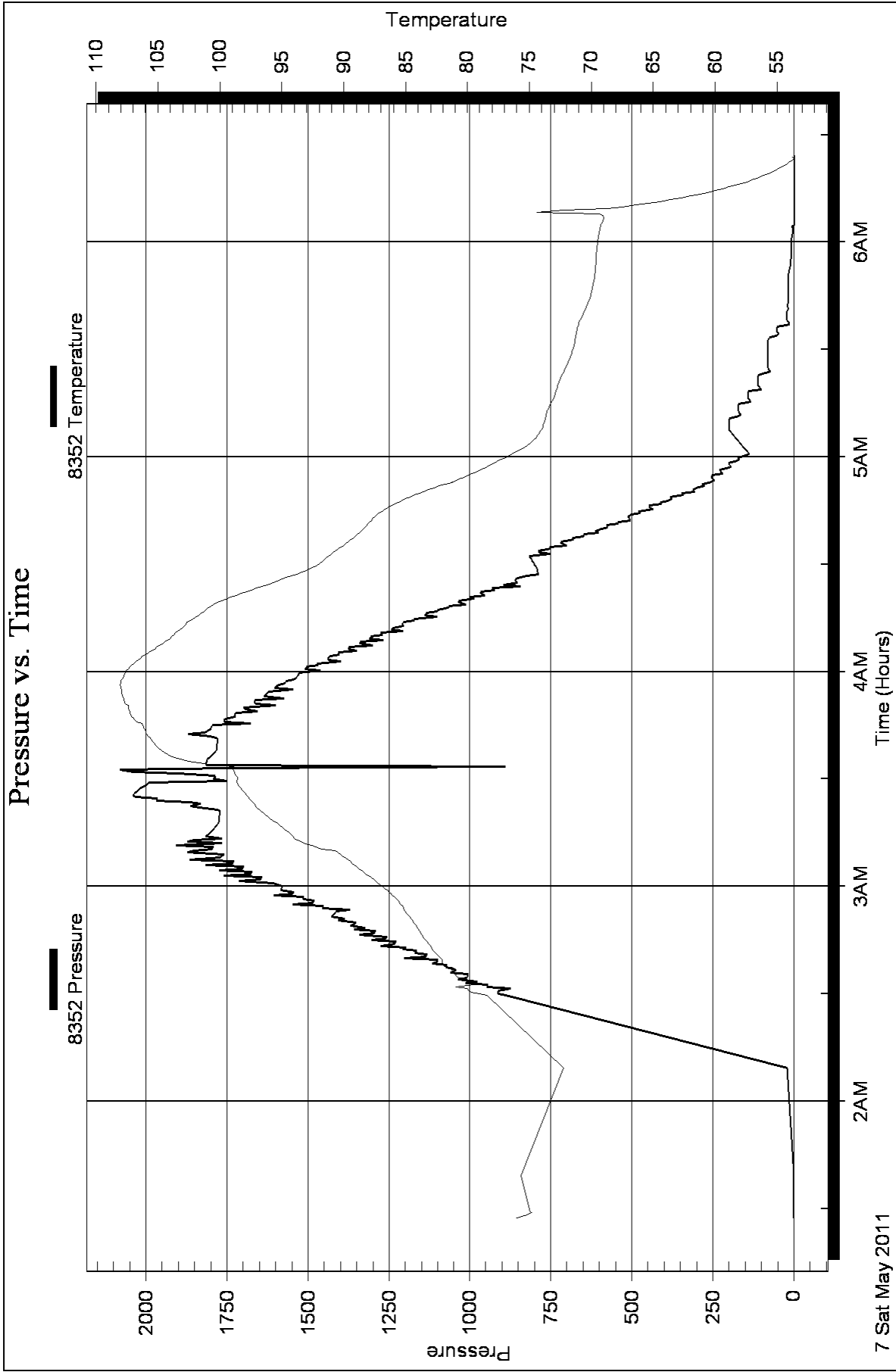
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-288610

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

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

No. 4996

Date	5-1-11	Sec.	10	Twp.	6	Range	22	County	Graham	State	KS	On Location		Finish	7:30 AM
Lease	Rush Trust	Well No.	#33-10A	Location	Highway 29 off Hwy 18 Sct, 1/2 W to 340 Rd, 90 Owner to Rd, 10 to 330 Rd, 5 to 6 DD Rd, 1/2 W, 95										
Contractor	American Eagle #2	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.													
Type Job	Surface	T.D.	267'	Charge To	Flatiron Resources										
Hole Size	12 1/4"	Depth	266'	Street											
Csg.	8 5/8"	Depth		City	State										
Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.											
Tool		Shoe Joint	15'	Cement Amount Ordered 150 SK Common 3% CC 2% Gel											
Cement Left in Csg.		Displace	16 BLS												
Meas Line															

### EQUIPMENT

Pumptrk	1	No.	Cementer	Helper	CISCO
Bulktrk	8	No.	Driver	Driver	Lory
Bulktrk	14	No.	Driver	Driver	Pick

### JOB SERVICES & REMARKS

Remarks: Cement Ltd Circulate  
Rat Hole FN Collar

Mouse Hole		Flowseal	
Centralizers		Kol-Seal	
Baskets		Mud CLR 48	
DV or Port Collar		CFL-117 or CD110 CAF 38	
		Sand	
		Handling	158
		Mileage	
		Guide Shoe	FLOAT EQUIPMENT
		Centralizer	
		Baskets	
		AFU Inserts	
		Float Shoe	
		Latch Down	
		Pumptrk Charge	Surface
		Mileage	54

Quality Oilwell Cementing

X Signature S. Dan Col

Tax  
Discount  
Total Charge

# ALLIED CEMENTING CO., LLC. 043310

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Osage

DATE <u>5-7-11</u>	SEC. <u>10</u>	TWP. <u>6</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Rest Trust</u>	WELL # <u>3370A</u>	LOCATION <u>Hilly city 13 N 5 E</u>	COUNTY <u>Graham</u>	STATE <u>KS</u>			
OLD OR (NEW) <u>(Circle one)</u>							

CONTRACTOR American Eagle #2 OWNER Sqme

TYPE OF JOB Production

HOLE SIZE 5 7/8 T.D. 3231'

CASING SIZE 5 1/2 DEPTH 3230'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL Port collar DEPTH 1903'

PRES. MAX. MINIMUM

MEAS. LINE SHOE JOINT 21.53

CEMENT LEFT IN CSG. 21.53

PERFS.

DISPLACEMENT 90.48 BOL

EQUIPMENT

PUMP TRUCK CEMENTER Andrew

# 423-281 HELPER Jerry

BULK TRUCK DRIVER wes

# DRIVER

CEMENT

AMOUNT ORDERED 130 sks com

5# Gilsonite 290gel

500gal WFR-2

COMMON 130 sks @ 16.25 2112.50

POZMIX @

GEL 3 sks @ 21.25 63.75

CHLORIDE @

ASC @

Gilsonite 650# @ 2.89 578.50

salt 12 sks @ 23.95 287.40

500gal WFR-2 @ 1.27 635.00

HANDLING 158 sks @ 2.25 355.50

MILEAGE 114 sk/mile 1390.40

TOTAL 5423.05

REMARKS:

Pump 500gal WFR-2. Plug Rath hole  
30 sks mix 100 sks down 5 1/2 casing  
Wash pump and lines clean. Displace  
Plug 500 2 LIFT 1000# Land Plug  
Plug landed held

SERVICE

DEPTH OF JOB 3230'

PUMP TRUCK CHARGE @ 2225.00

EXTRA FOOTAGE @

MILEAGE 80 miles x 2 @ 7.00 1120.00

MANIFOLD head @ 200.00

Light vehicle @ 4.00 640.00

TOTAL 4185.00

CHARGE TO: Flat Iron Resources

STREET \_\_\_\_\_

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

PLUG & FLOAT EQUIPMENT

5 1/2

1 Guide shoe @ 178.00

1 Latchdown Plug Assy @ 249.00

1 Basket @ 228.00

1 Port collar @ 1261.00

1 Centralizers @ 49.00 539.00

TOTAL 2955.00

To Allied Cementing Co., LLC.

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

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

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

DISCOUNT \_\_\_\_\_

IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_

SIGNATURE Ray Hildreth

# ALLIED CEMENTING CO., LLC.

039944

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Cahly, Ks

DATE <u>5/23/11</u>	SEC. <u>10</u>	TWP. <u>22</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION <u>1100A</u>	JOB START <u>1:00p</u>	JOB FINISH <u>2:00p</u>
LEASE <u>Rust Trust</u>	WELL # <u>33-10A</u>	LOCATION <u>Hill City N to Rd CC</u>			COUNTY <u>Graham</u>	STATE <u>Ks</u>	
OLD OR NEW <u>NEW</u> (Circle one)							

CONTRACTOR H & Plains

OWNER Same

would 250 SKs

TYPE OF JOB Port Collar

HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

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

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

TOOL Port Collar DEPTH 1908'

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

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

CEMENT LEFT IN CSG. \_\_\_\_\_

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

DISPLACEMENT \_\_\_\_\_

### EQUIPMENT

PUMP TRUCK CEMENTER Alan

# 422 HELPER Wayne

BULK TRUCK DRIVER Mike

# 296

BULK TRUCK DRIVER \_\_\_\_\_

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

B-Plug 2920

### REMARKS:

Test Tool To 1500 Hold. Spot Sand C 2918. Open  
Tool Est. Circulate. Max 250 SK Cement.  
Close-Test Tool To 1500 Hold. Run 5 JTS  
Wash Clean. Run To 2908 - Wash  
Sand From Bridge Plug.

Cement did Circulate.

Thank You  
Mar, Wayne, Mike

CHARGE TO: Flat Iron Resources

STREET \_\_\_\_\_

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

### CEMENT

AMOUNT ORDERED 350 SKs 60/40890

14 lb Flo Seal,

COMMON \_\_\_\_\_ @ \_\_\_\_\_

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

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

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

ALW Type Class A

250 SKs

Sand - 2 SKs

Flo Seal 88 lb

Handling 380 SKs

Mileage 110 SK/mile

2.25

855.00

3344.00

TOTAL 8087.00

### SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 2/25.00

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

MILEAGE 80 x 2 @ 7.00 = 1120.00

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

80 x 2 - Lite Vehicle @ 4.00 = 640.00

TOTAL 3885.00

### PLUG & FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

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

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

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

PRINTED NAME \_\_\_\_\_

SIGNATURE

[Signature]

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.



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 06, 2011

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

Re: ACO1  
API 15-065-23735-00-00  
Rush Trust 33-10A  
SE/4 Sec.10-06S-22W  
Graham 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