



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1295056  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

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

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

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

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

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

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

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

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

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

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

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

1295056

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

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

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Becker Oil Corporation
Well Name	Ottley 1
Doc ID	1295056

Tops

Name	Top	Datum
Dakota	254	(+2661)
Cheyenne SS	813	(+2102)
Stone Corral Anhy.	2471	(+444)
Heebner Shale	3929	(-1014)
Lansing Group	3971	(-1056)
BKC	4247	(-1332)
Pawnee	4370	(-1455)
Ft. Scott	4436	(-1521)
Cherokee Shale	4464	(1549)
Base Penn Ls.	4523	(-1608)
Miss	4581	(-1666)
TD	4625	(-1710)





**DUAL INDUCTION LOG**

Company **BECKER OIL CORPORATION**  
 Well **OTTLEY NO. 1**  
 Field **CAMPUS SIDING NORTH**  
 County **THOMAS**  
 State **KANSAS**

Company **BECKER OIL CORPORATION**  
 Well **OTTLEY NO. 1**  
 Field **CAMPUS SIDING NORTH**  
 County **THOMAS** State **KANSAS**

Location: **API #: 15-193-20,959-00-00**  
**1,200' FNL & 335' FWL**  
**SEC 36 TWP 10S RGE 31W**  
 Permanent Datum **GROUND LEVEL Elevation 2910'**  
 Log Measured From **KELLY BUSHING**  
 Drilling Measured From **KELLY BUSHING**  
 Other Services **CNL/CDL MEL**  
 Elevation **K.B. 2915'**  
**D.F. N/A**  
**G.L. 2910'**

Date	10/25/2015
Run Number	ONE
Depth Driller	4625'
Depth Logger	4625'
Bottom Logged Interval	4624'
Top Log Interval	200'
Casing Driller	8.625" @ 220'
Casing Logger	217'
Bit Size	7.875"
Type Fluid in Hole	CHEMICAL
Salinity, ppm CL	2000
Density / Viscosity	9.4 59
pH / Fluid Loss	10.0 8.8
Source of Sample	Flowline
Rm @ Meas. Temp	.96 @ 74
Rmt @ Meas. Temp	.72 @ 74
Rmc @ Meas. Temp	1.30 @ 74
Source of Rmf / Rmc	Charts
Rm @ BHT	.58 @ 122
Operating Rig Time	2 1/2 HOURS
Max Rec. Temp. F	122
Equipment Number	108
Location	Hays
Recorded By	J. LONG
Witnessed By	CLYDE BECKER

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

**Comments**

**N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.**  
**CAMPUS ROAD AND I-70 INTERSECTION, 2 1/4 NORTH, EAST INTO**

**Log Measured From: KELLY BUSHING      5    Ft. Above Permanent Datum**

**THANK YOU FOR USING PIONEER ENERGY SERVICES**  
**www.pioneerenergy.com      785-625-3858**

<b>Your Pioneer Energy Services Crew</b>	<b>This Log Record Was Witnessed By</b>
Engineer: <b>J. LONG</b>	Primary Witness: <b>CLYDE BECKER</b>
Operator:	Secondary Witness:
Operator:	Secondary Witness:
Operator:	Secondary Witness:

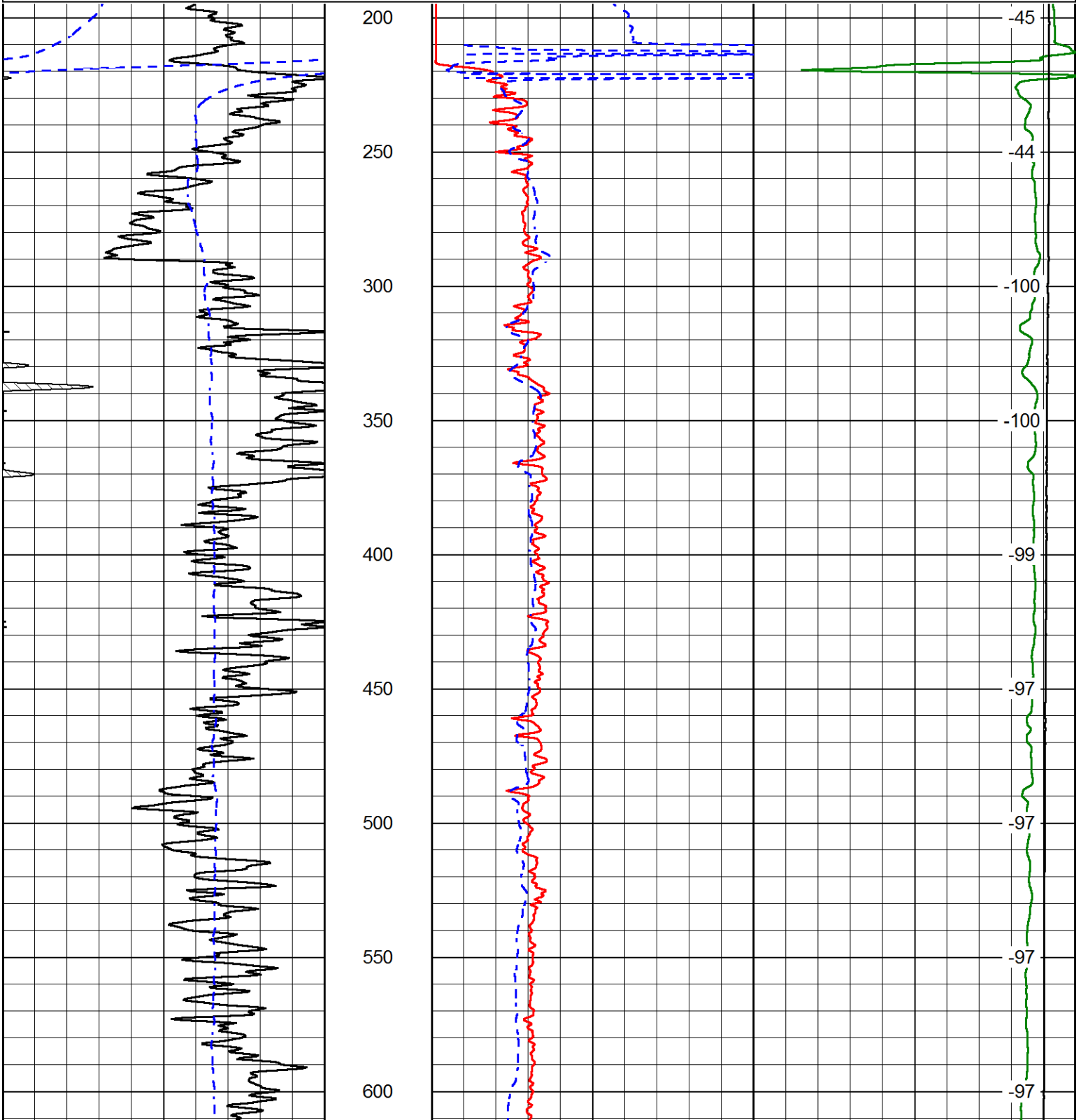
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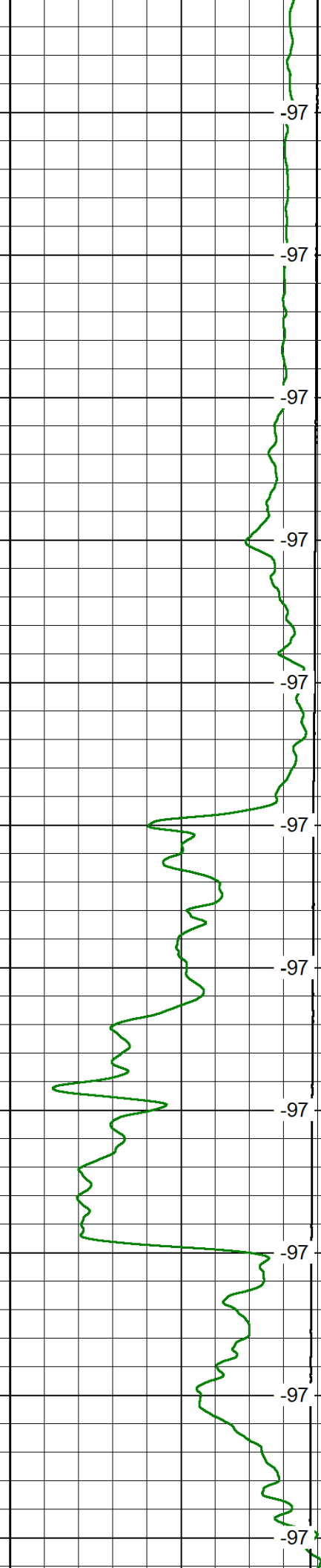
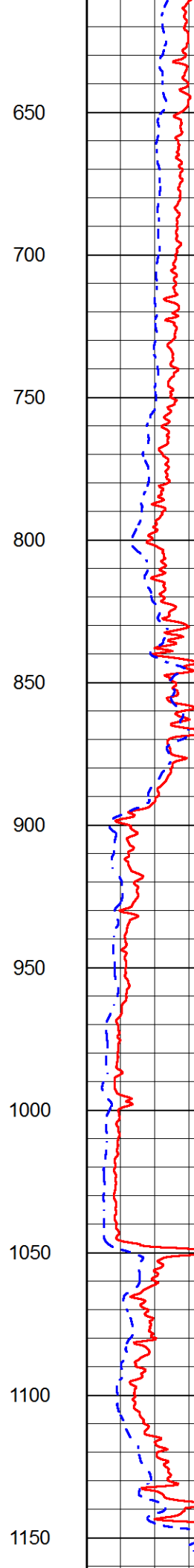
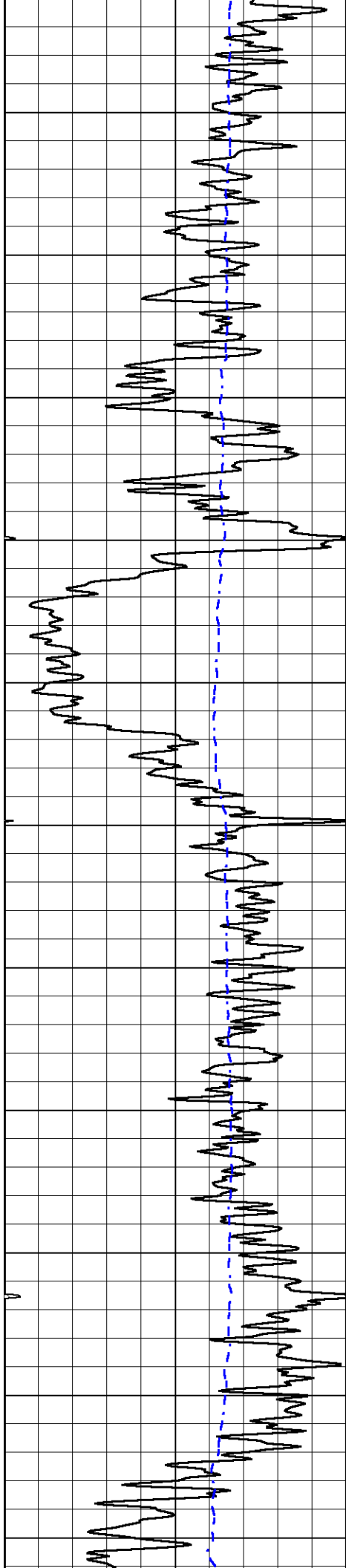
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 -200 SP (mV) 0

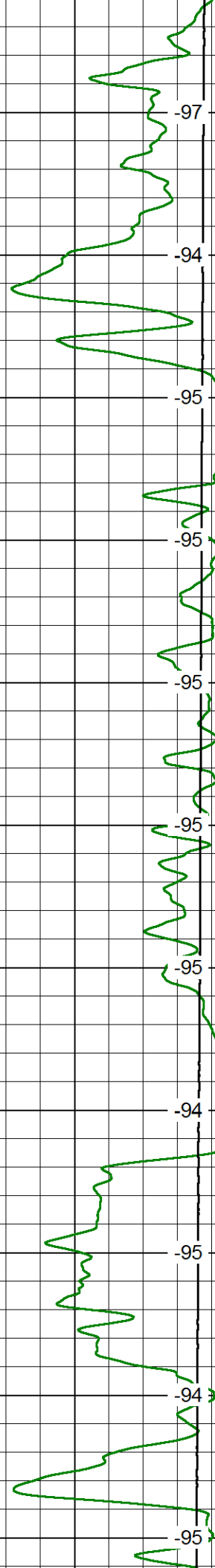
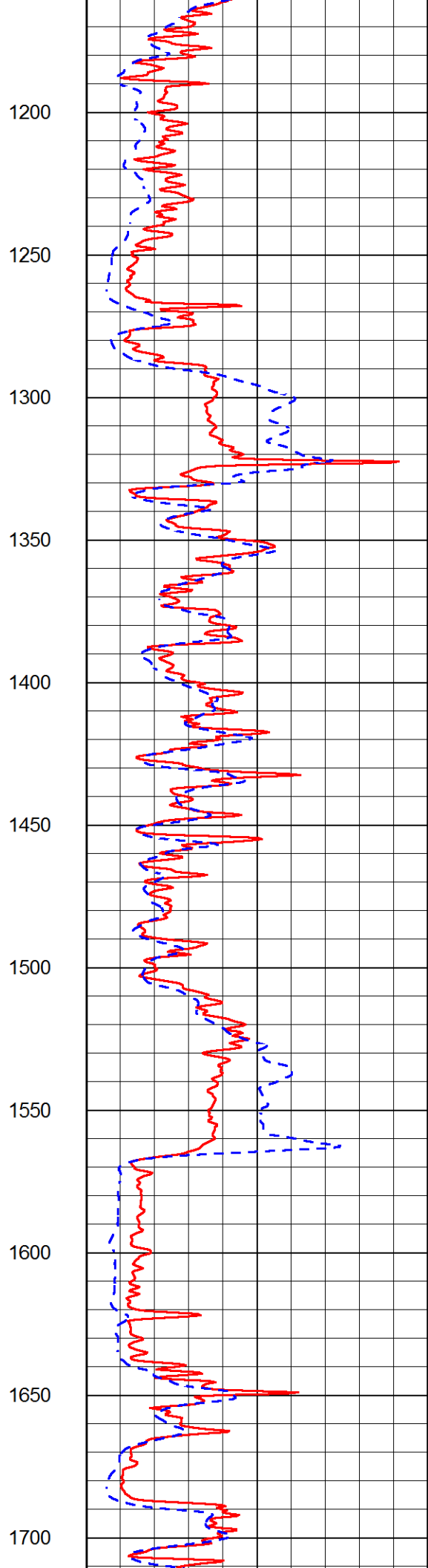
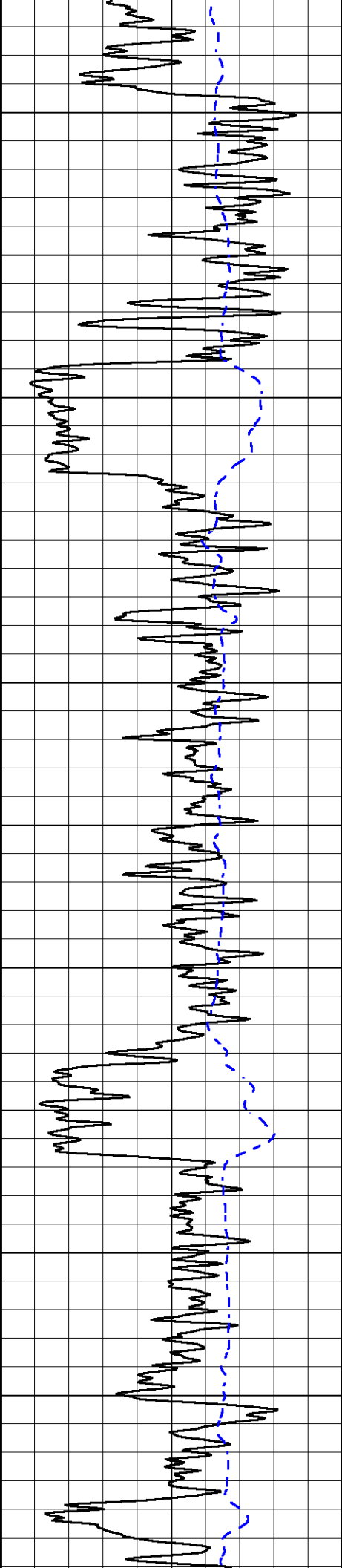
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 15000 Line Tension (lb) 0

0 Shallow Resistivity (Ohm-m) 50  
 0 Deep Resistivity (Ohm-m) 50  
 Shallow Resistivity  
 50 (Ohm-m) 500  
 50 Deep Resistivity (Ohm-m) 500

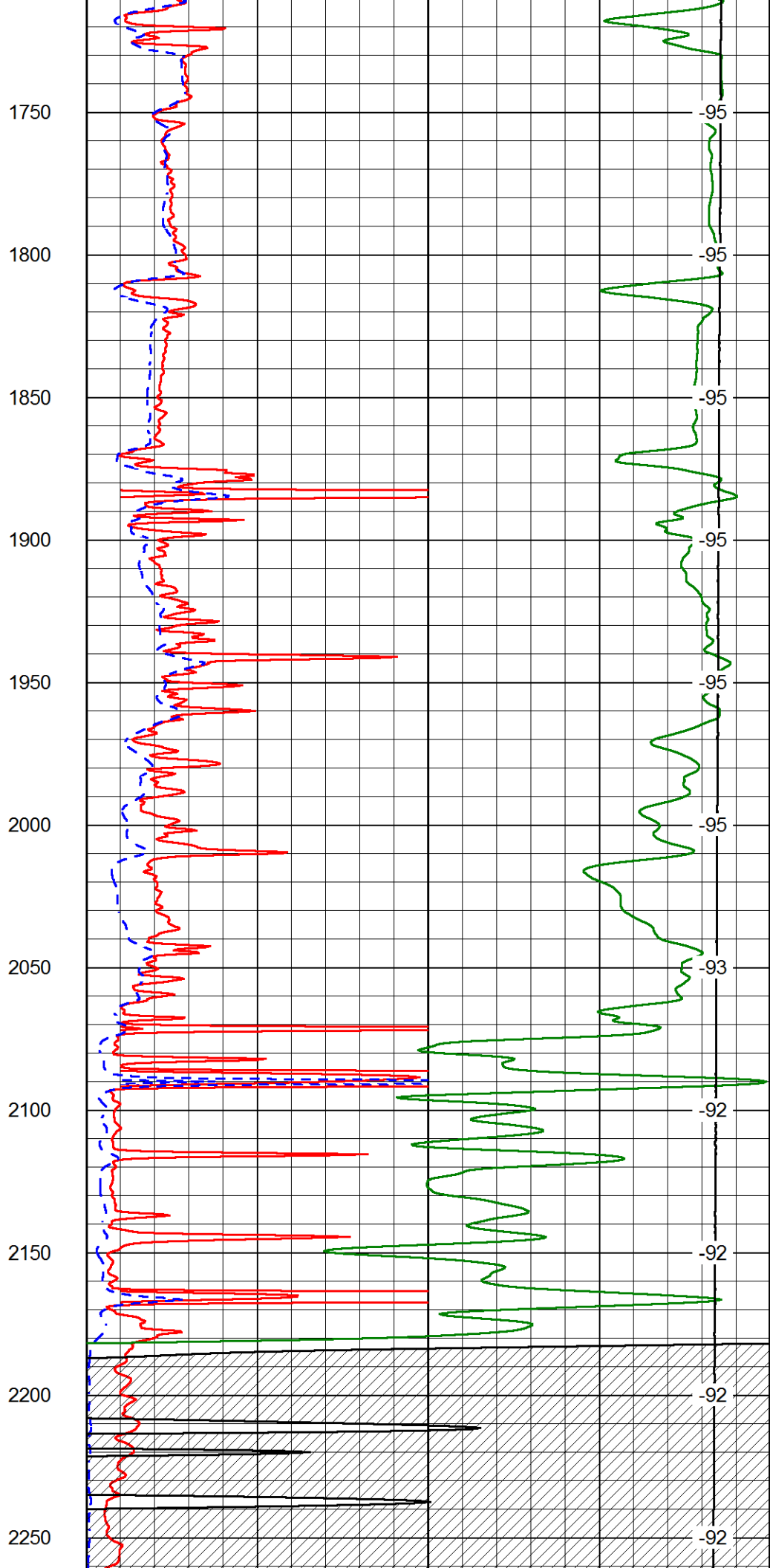
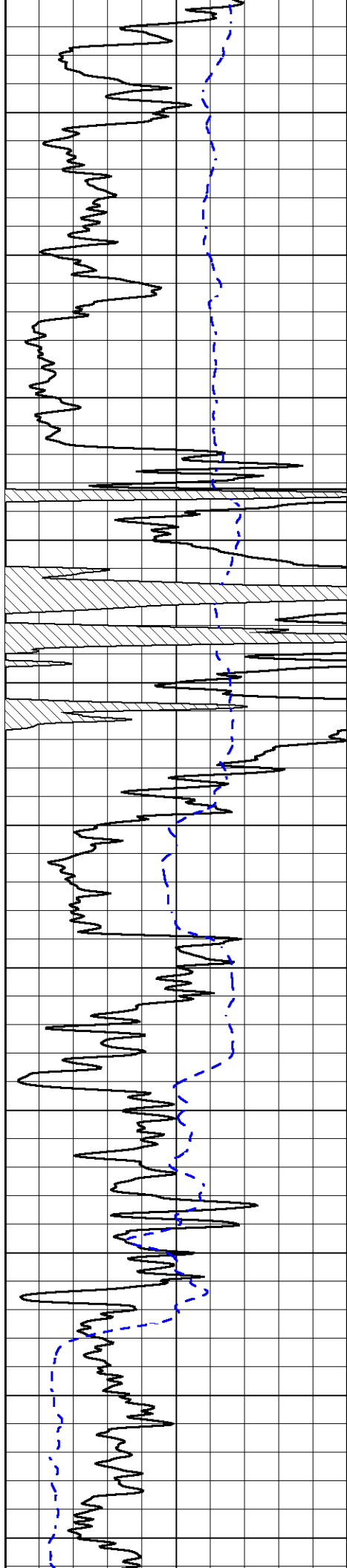
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 (ft/min)

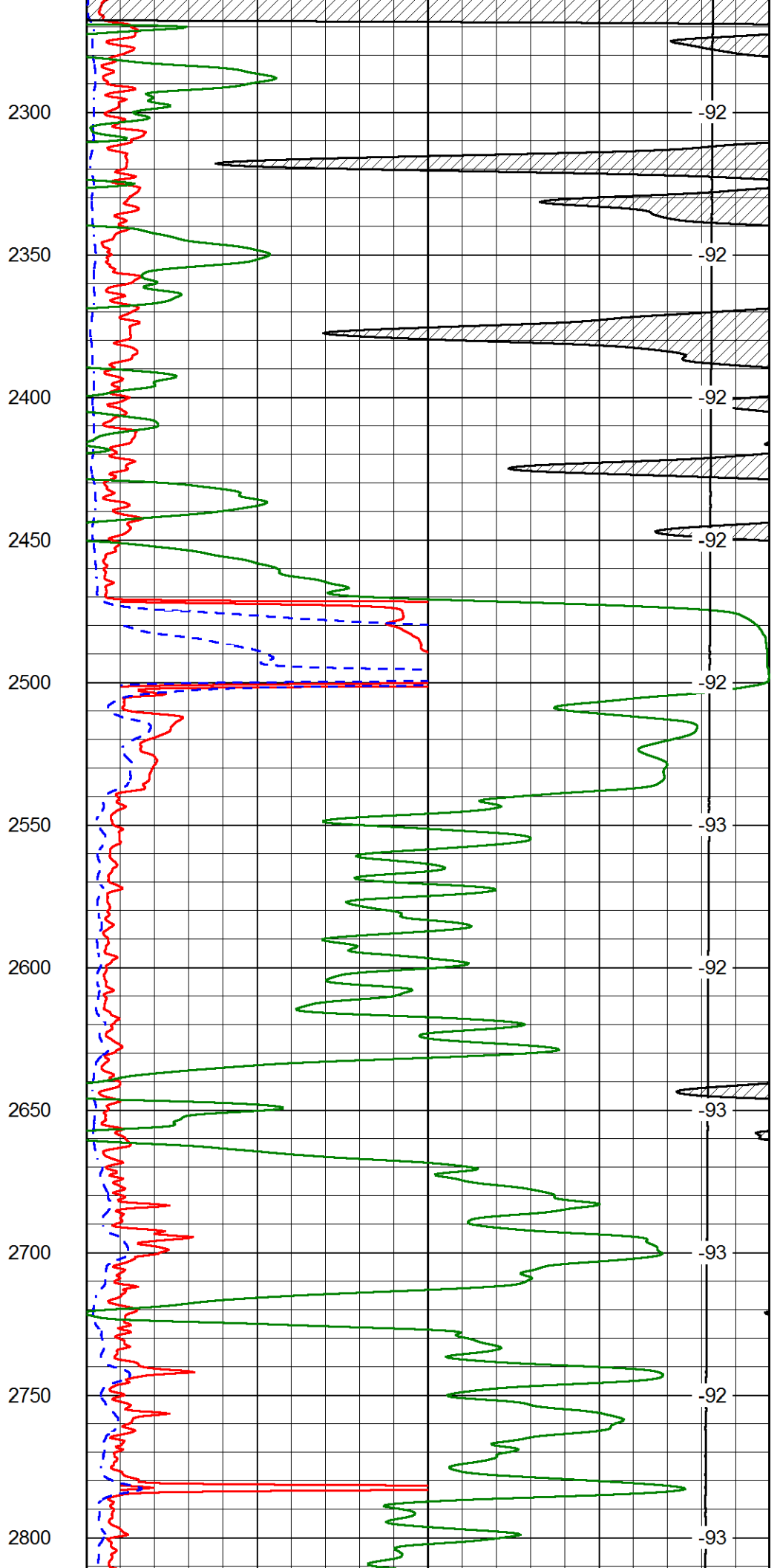
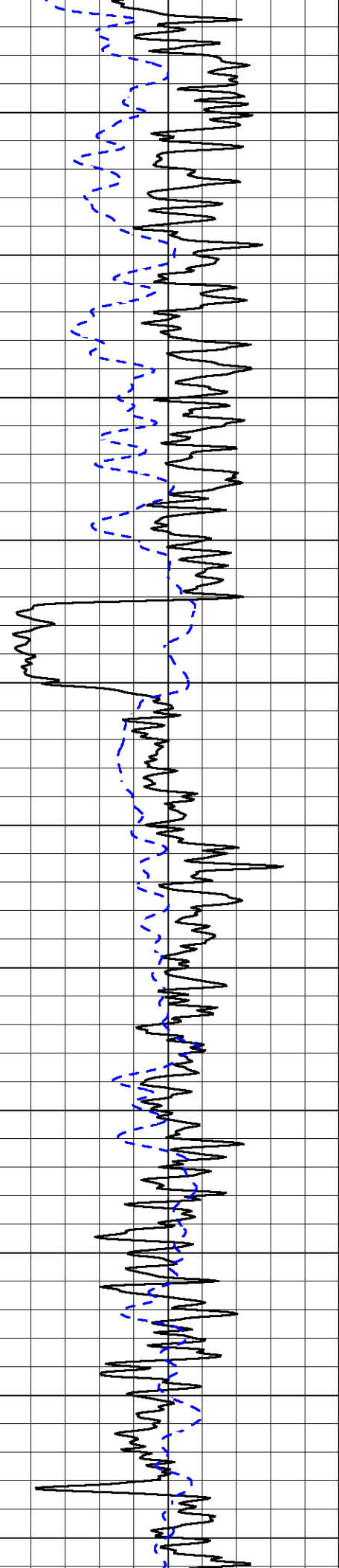


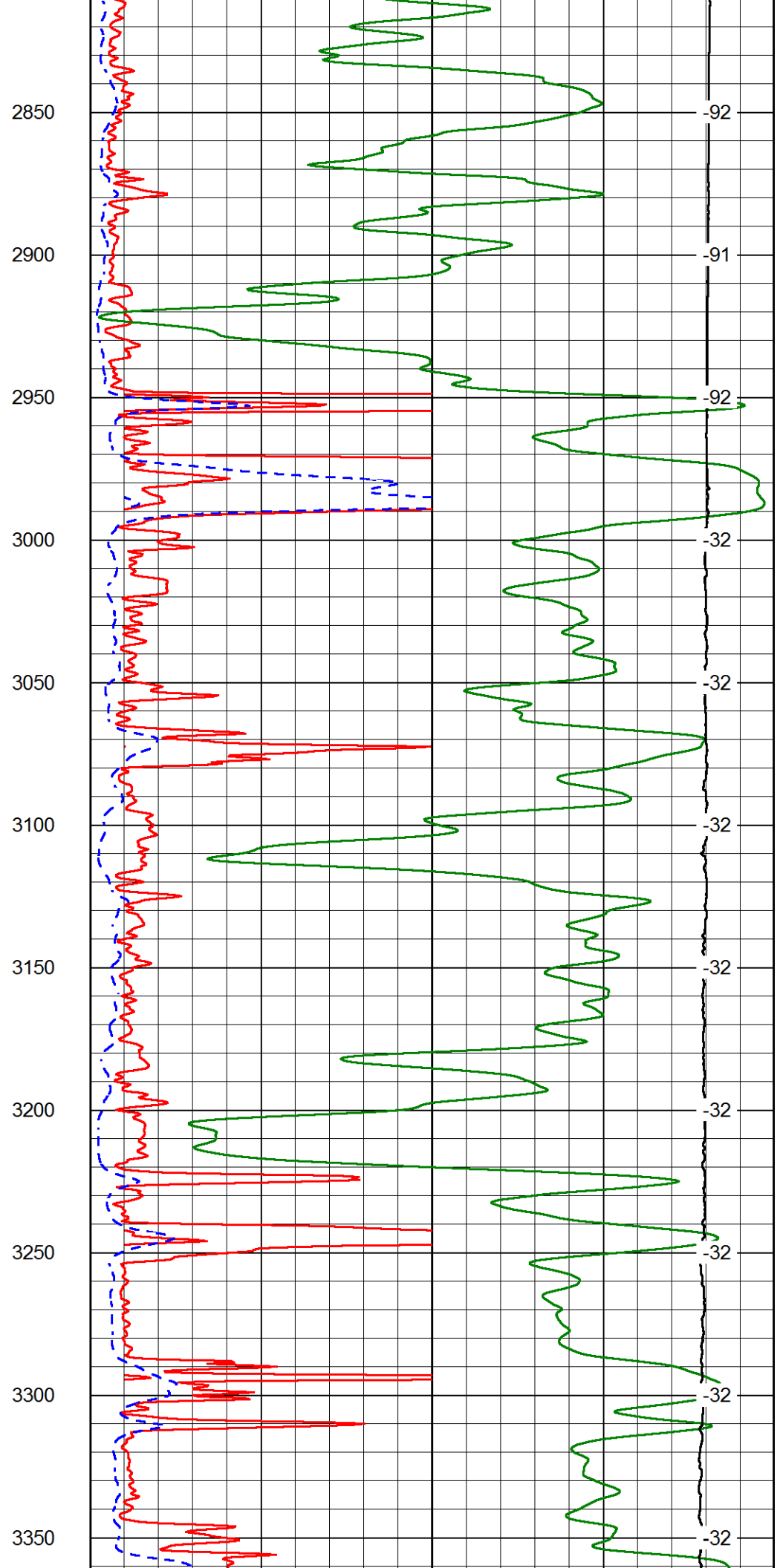
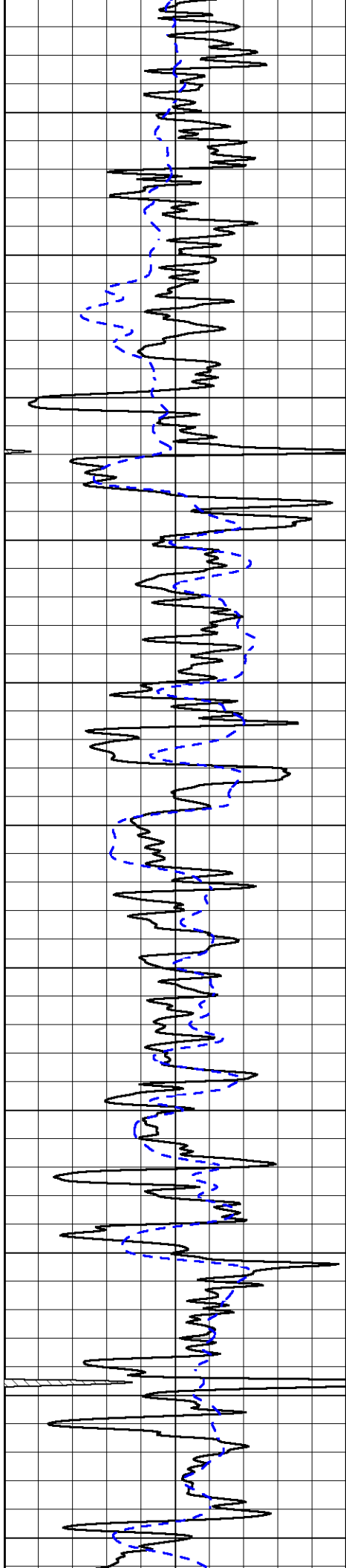


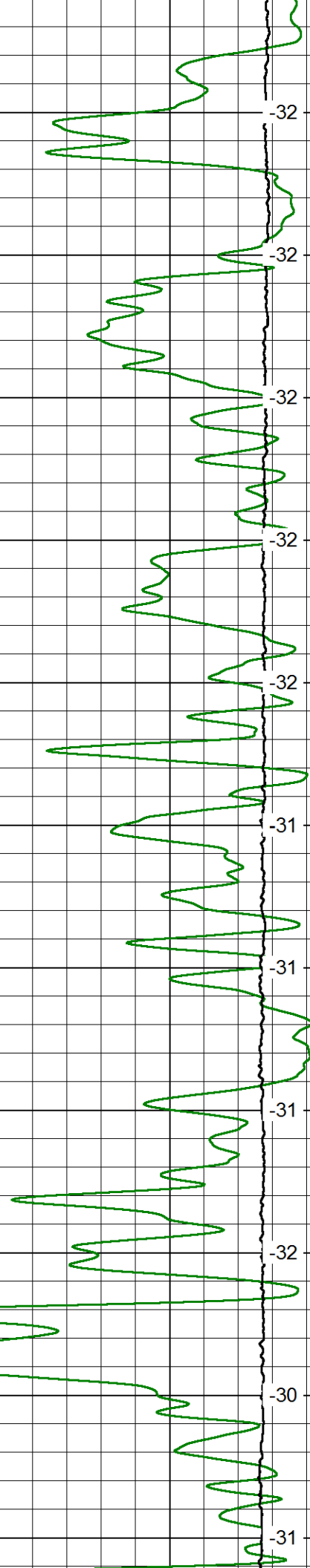
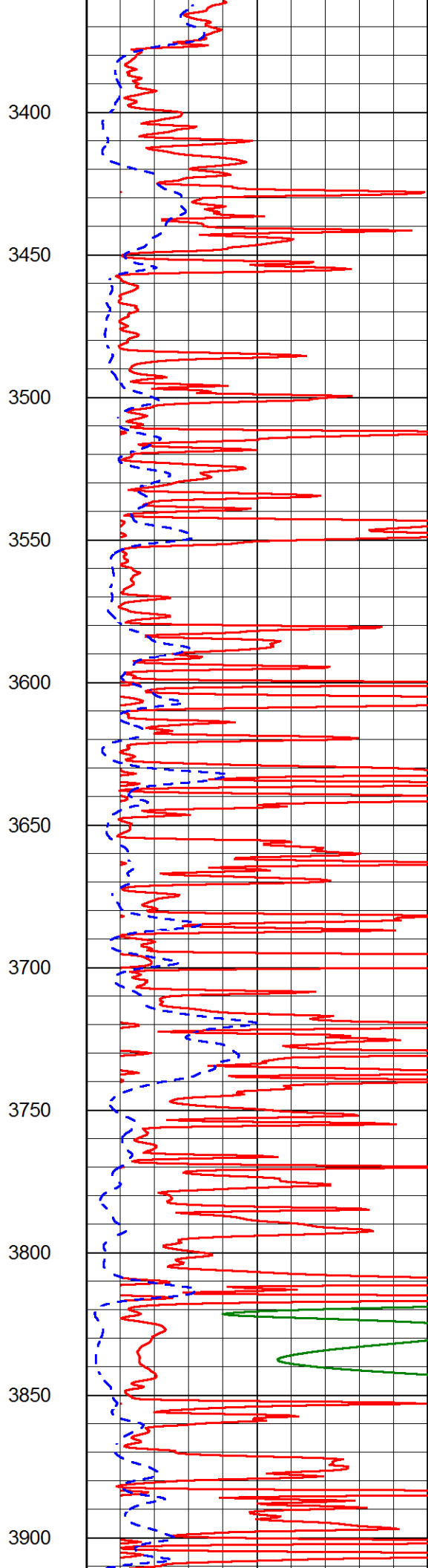
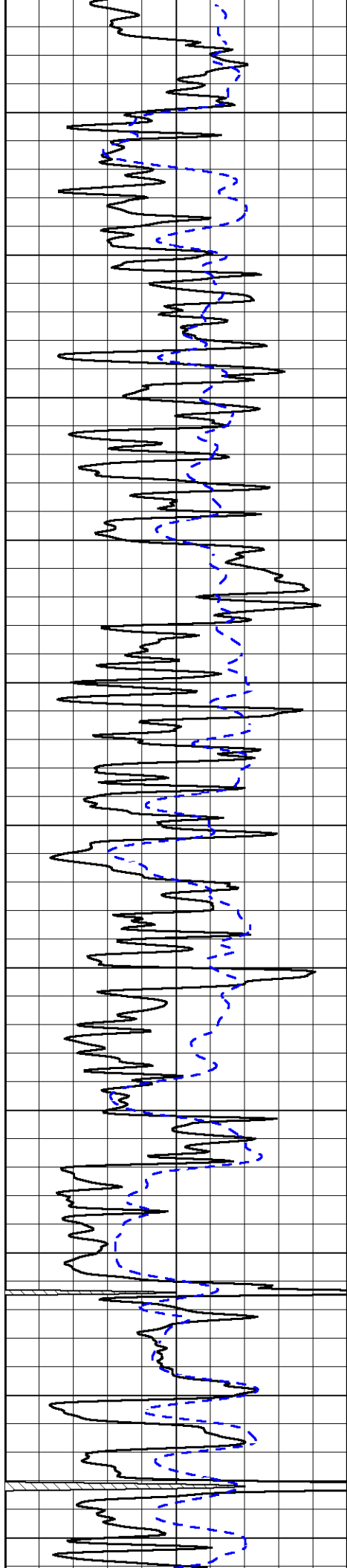


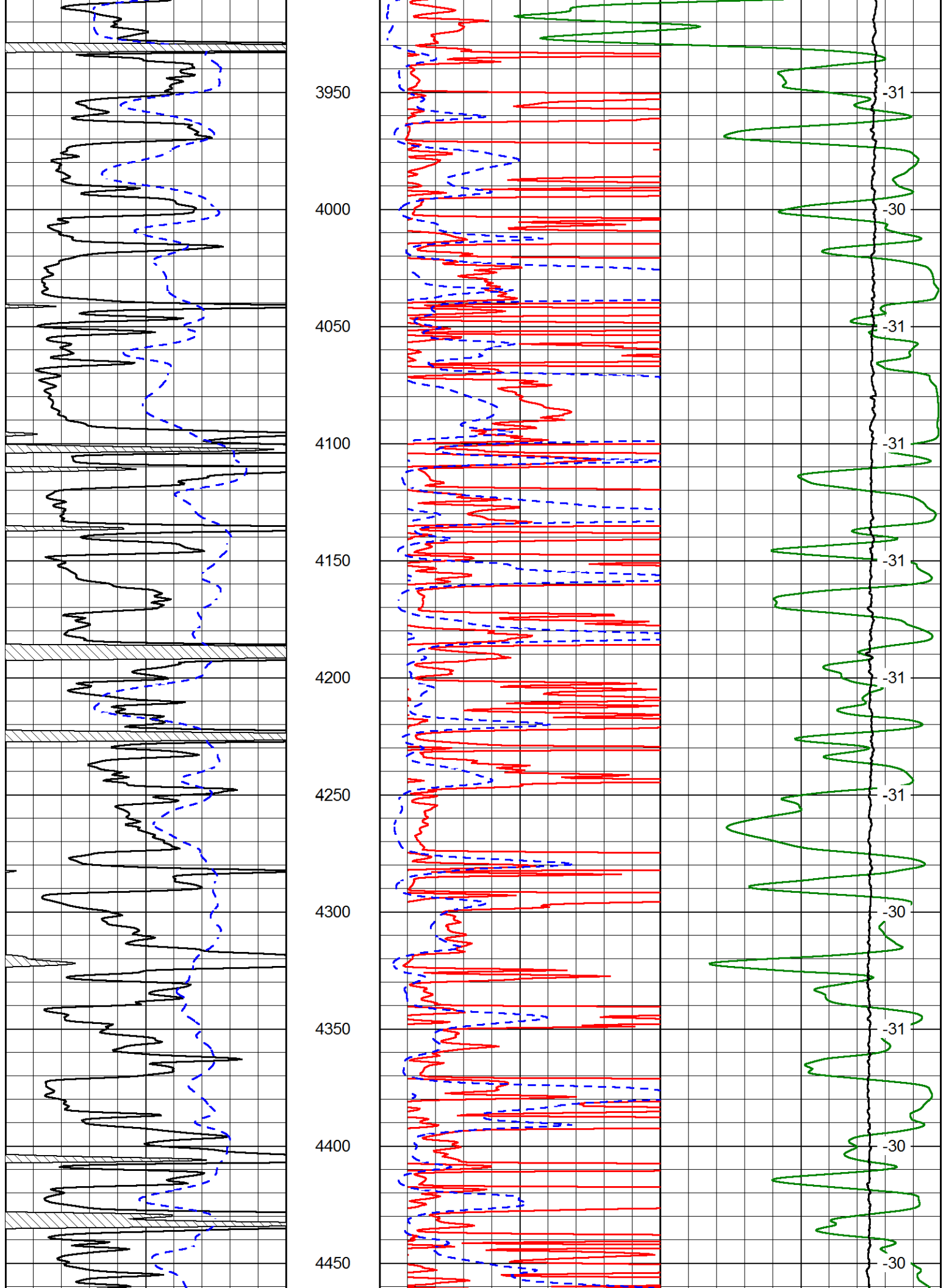


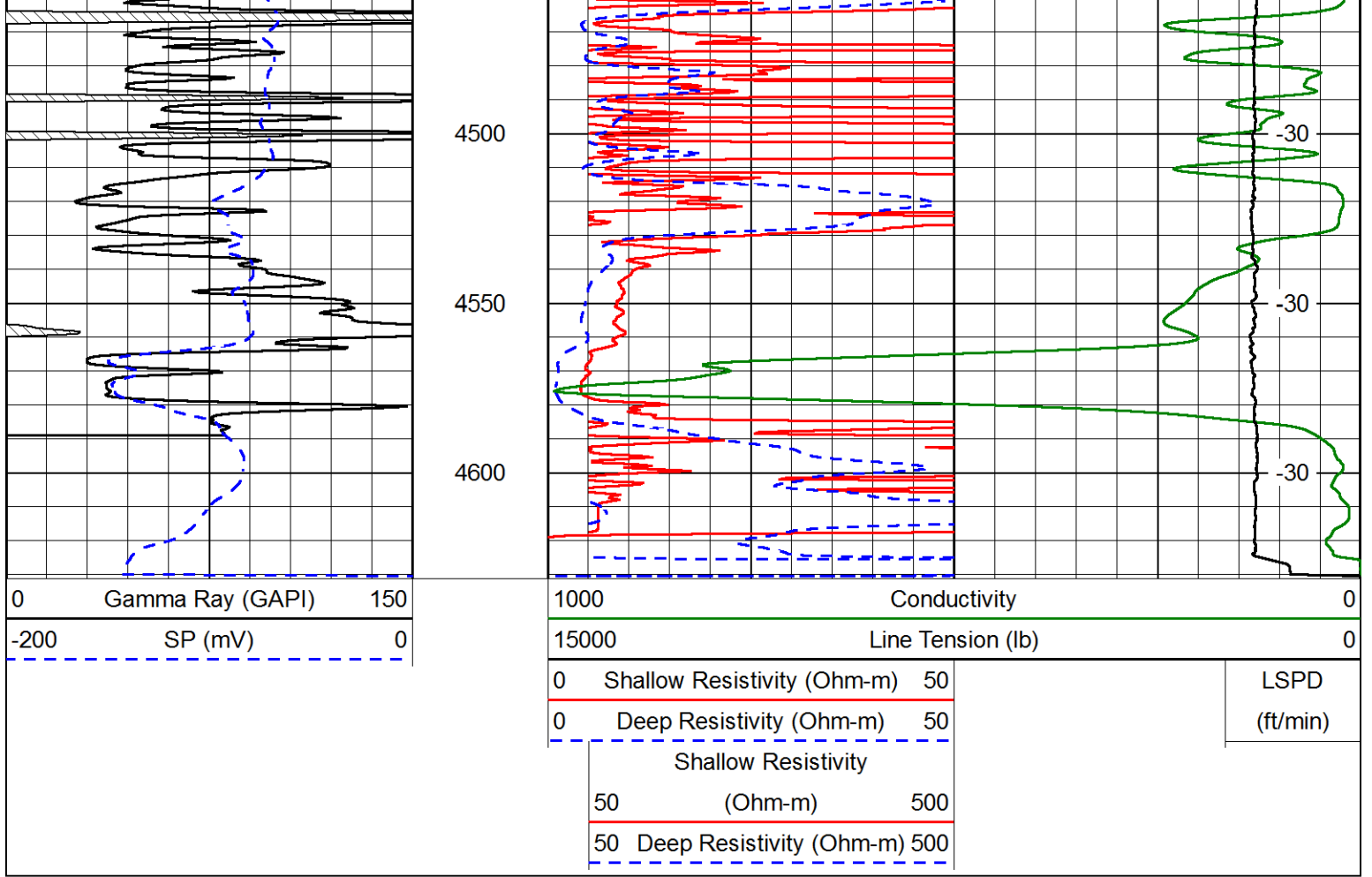




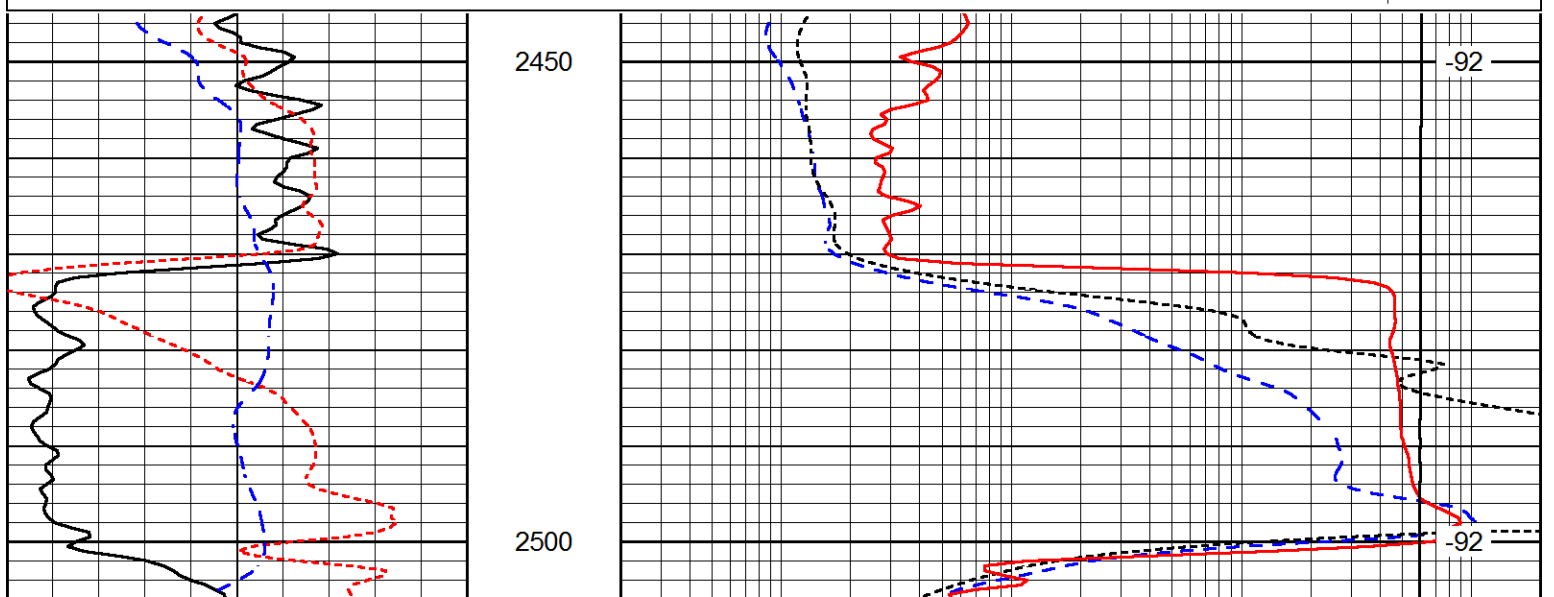
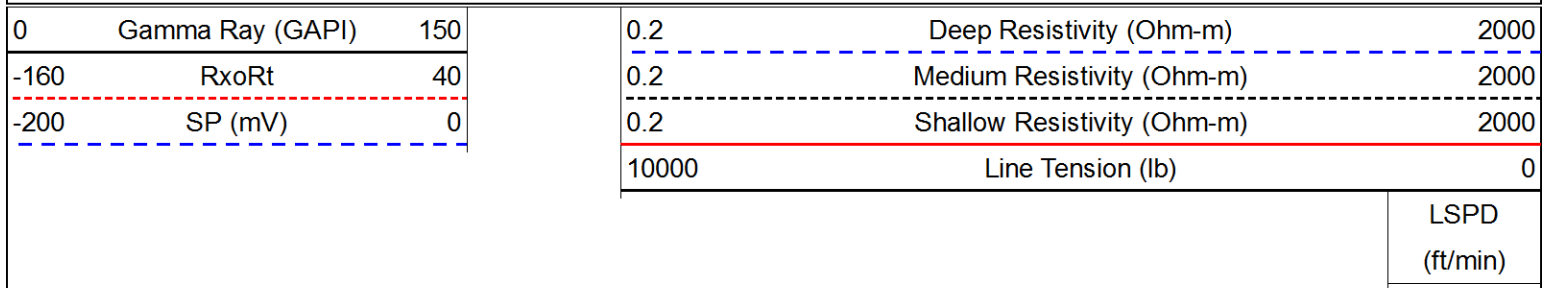


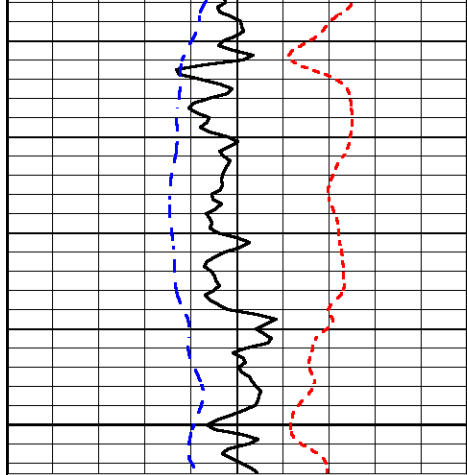






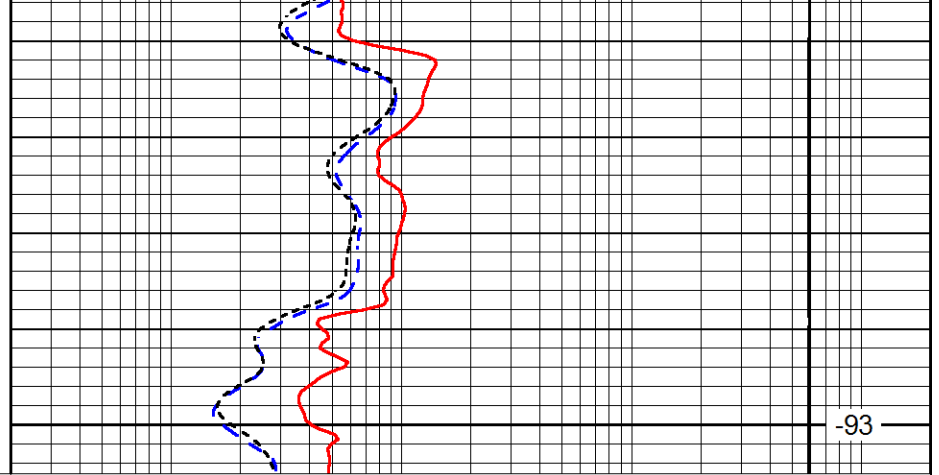
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 Charted by: Depth in Feet scaled 1:240





2550

0	Gamma Ray (GAPI)	150
-160	RxoRt	40
-200	SP (mV)	0



-93

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

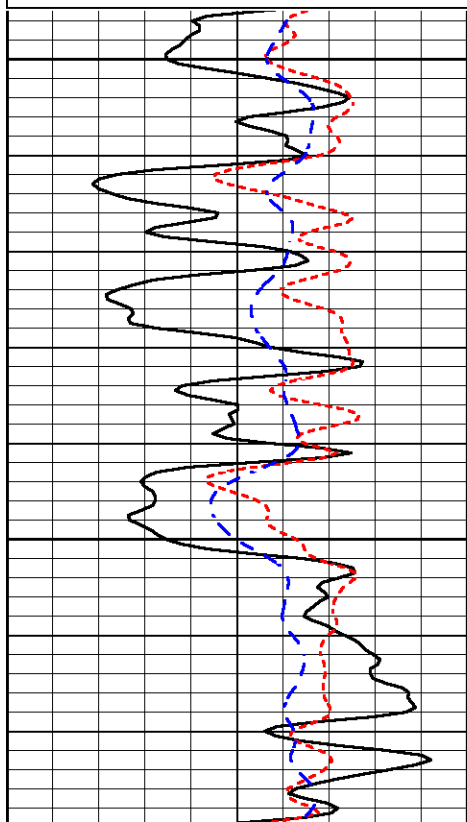
LSPD  
(ft/min)

Database File beckeroil\_ottley\_1hd.db  
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 Charted by Depth in Feet scaled 1:240

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-160	RxoRt	40
-200	SP (mV)	0

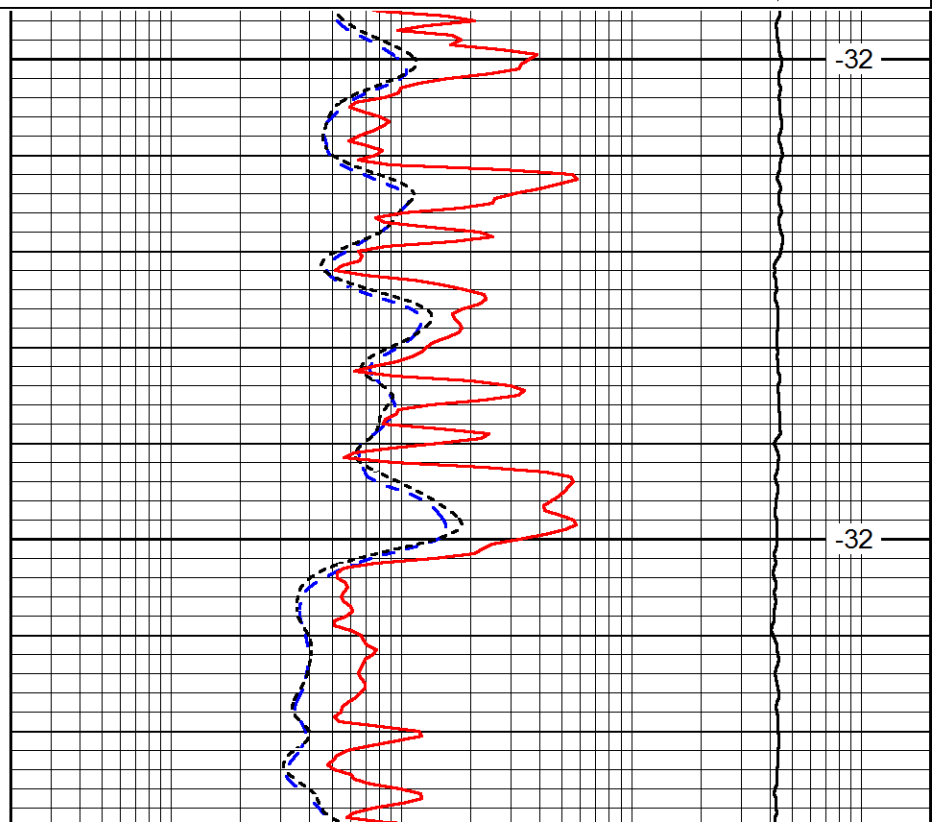
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0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

LSPD  
(ft/min)



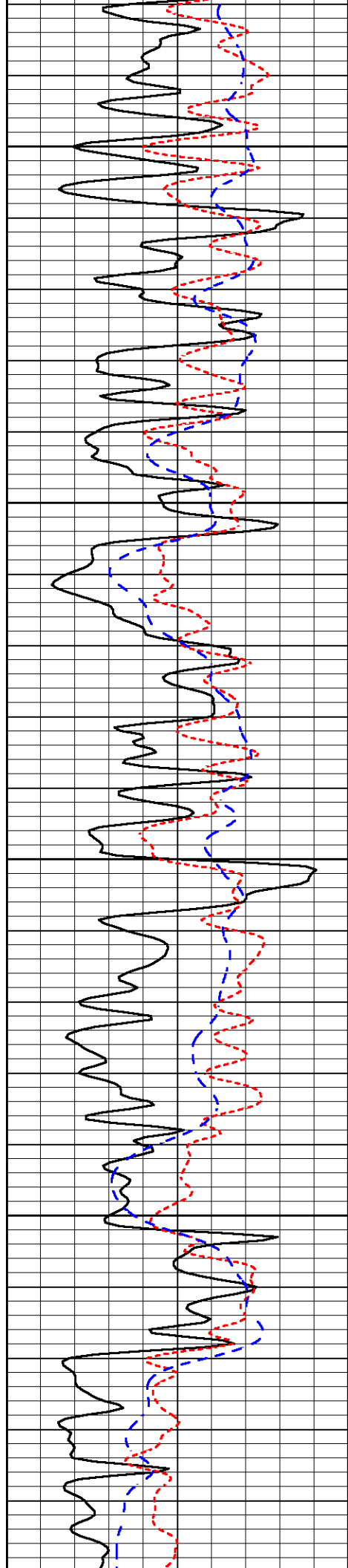
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3550



-32

-32



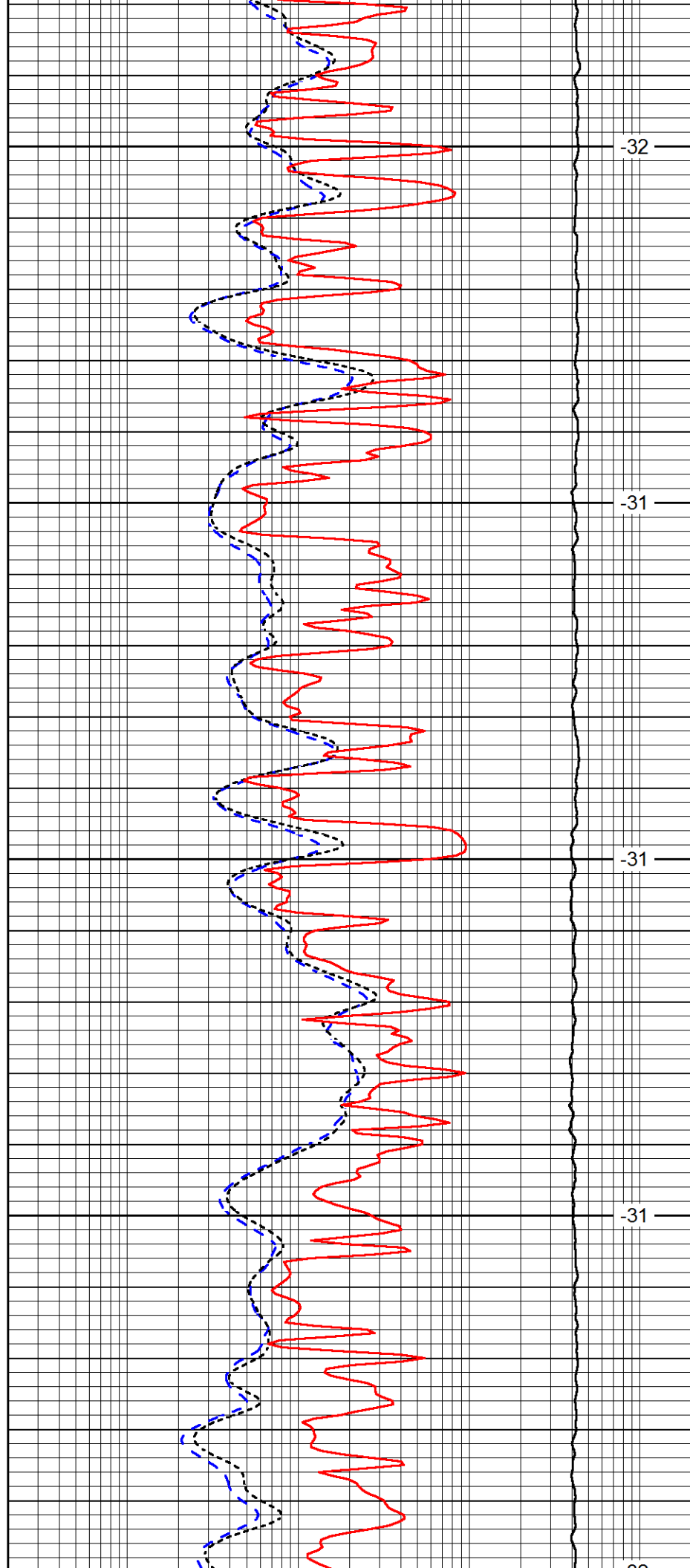
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3650

3700

3750

3800



-32

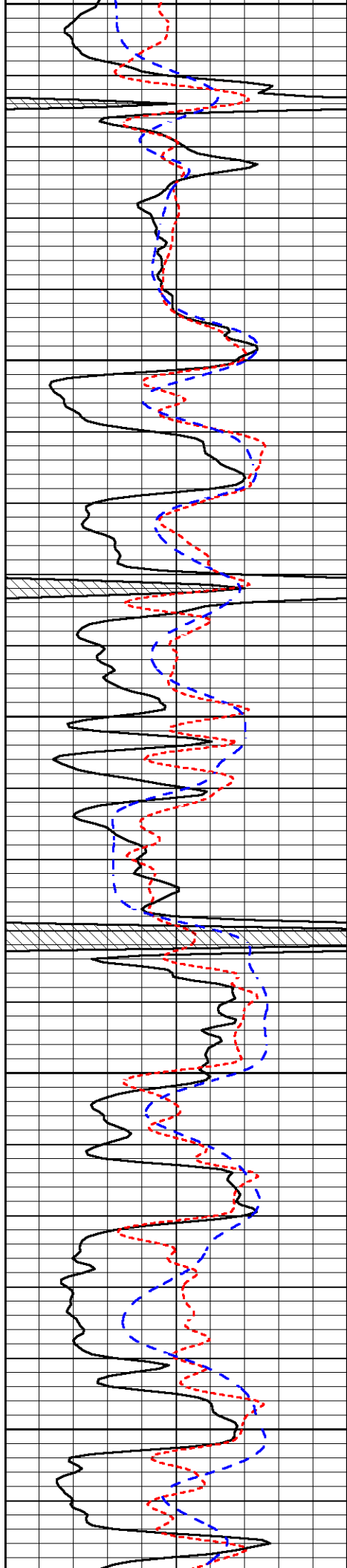
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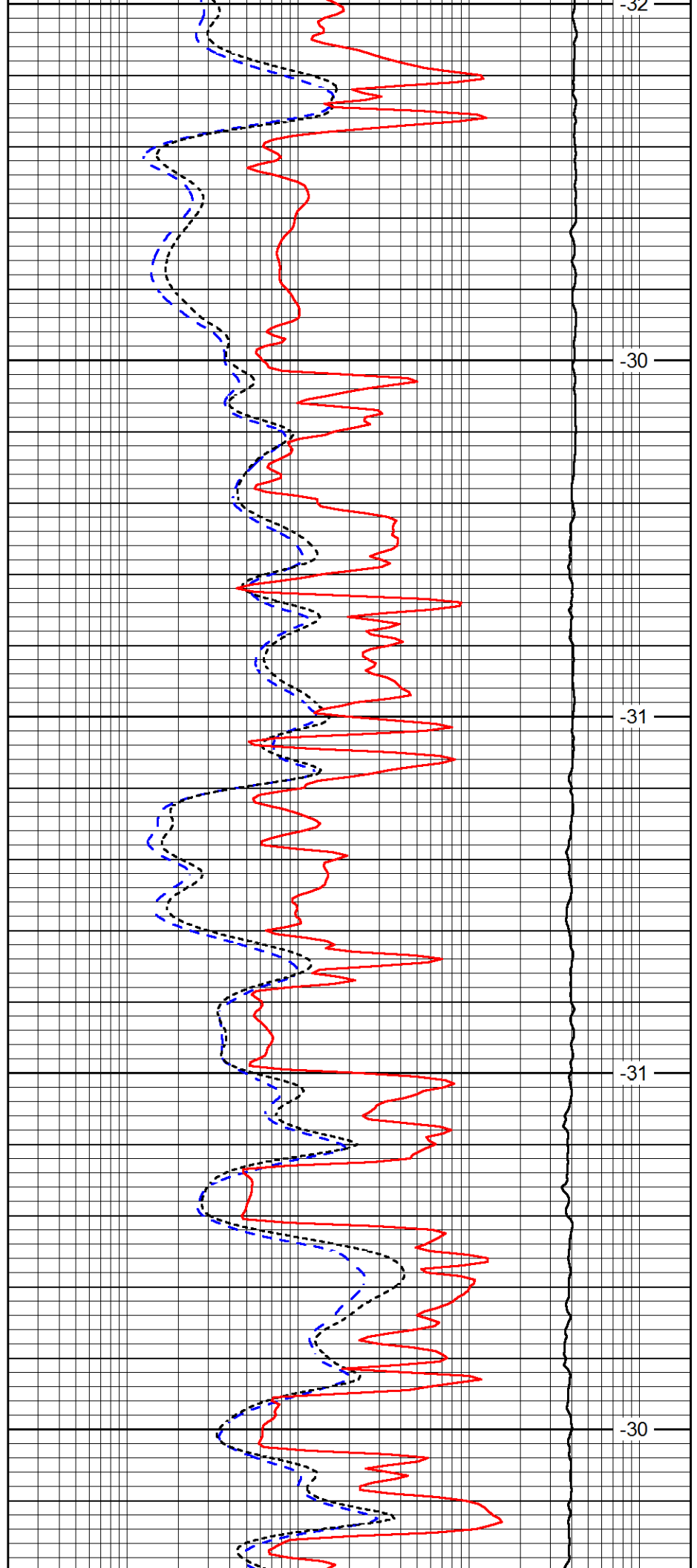
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3850

3900

3950

4000



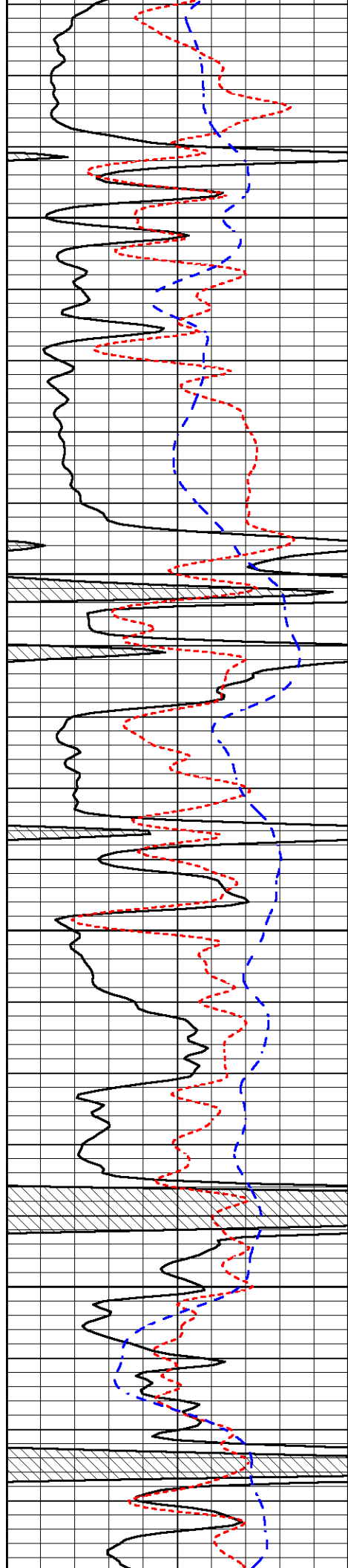
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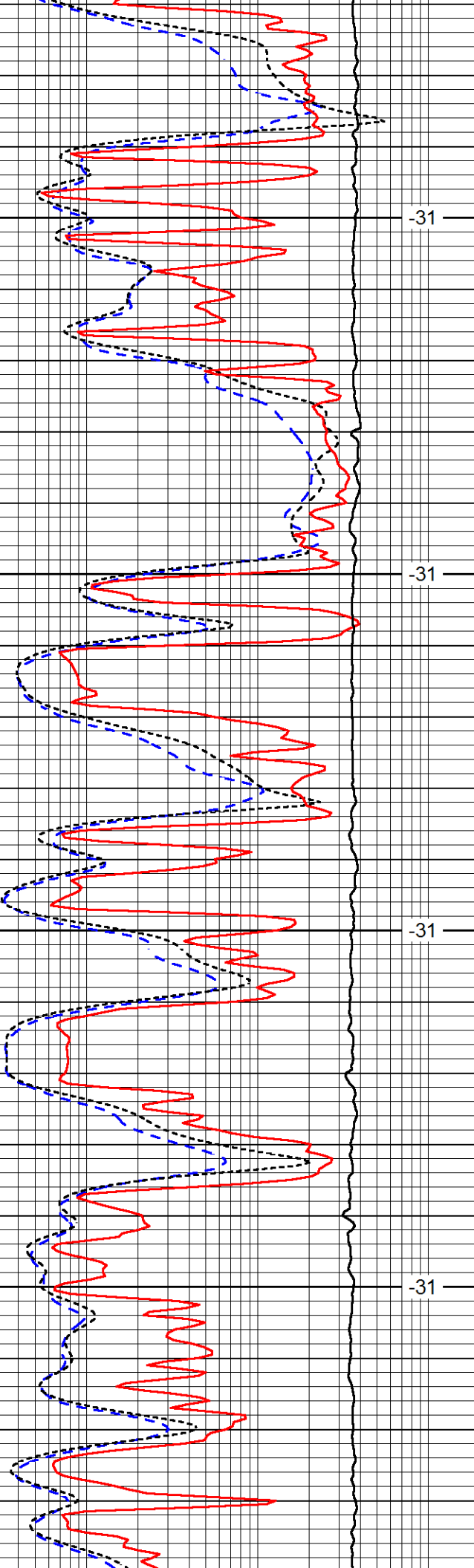


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4100

4150

4200

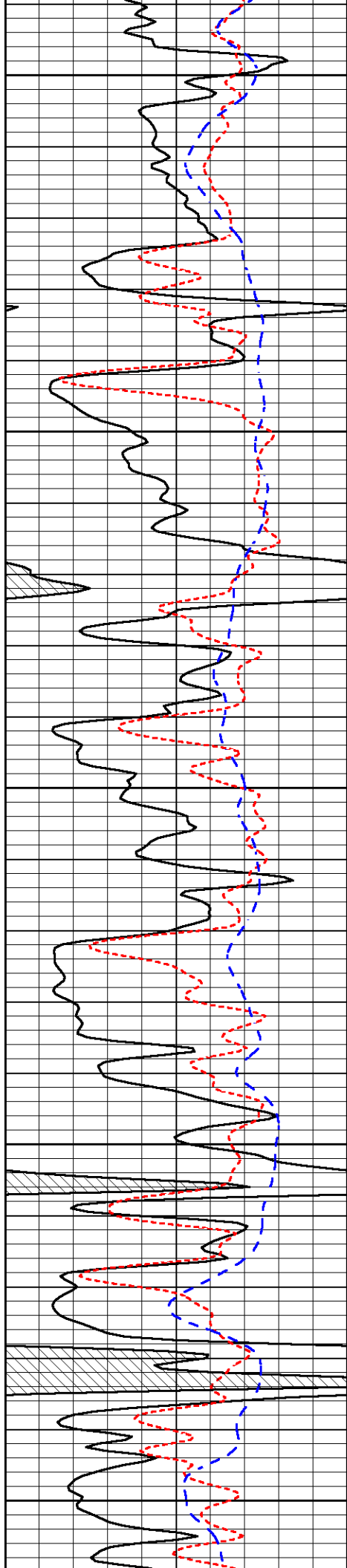


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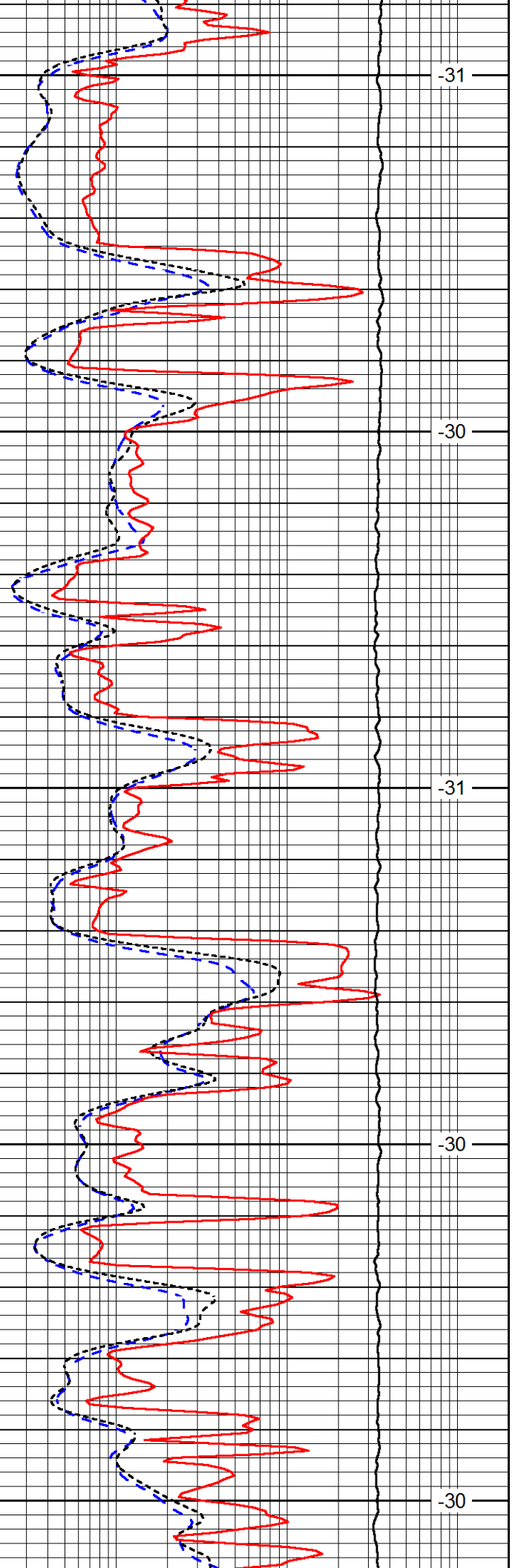
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4400

4450



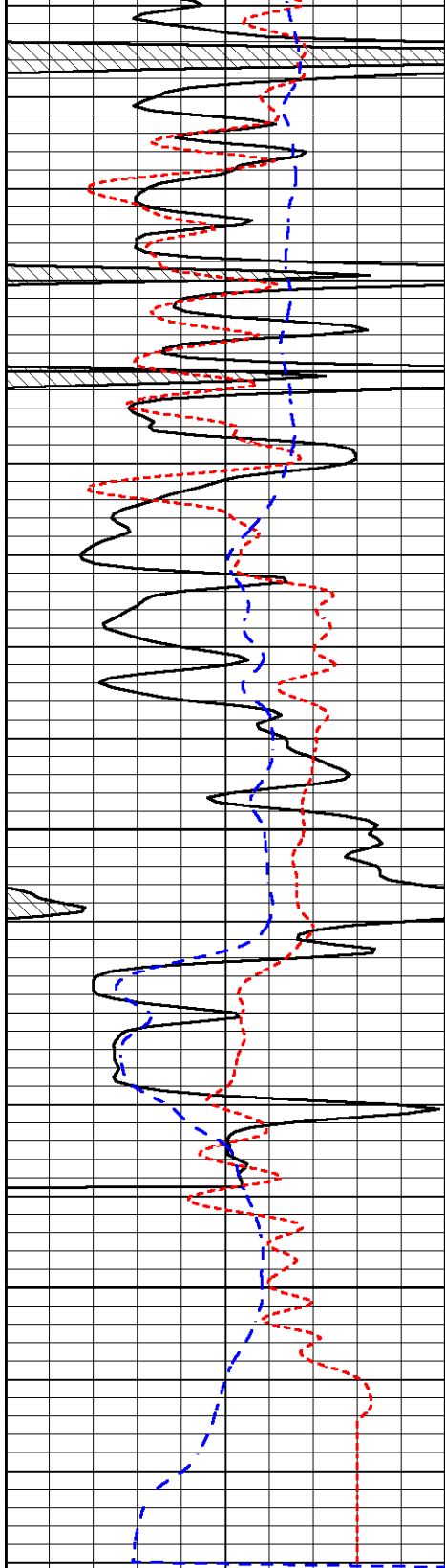
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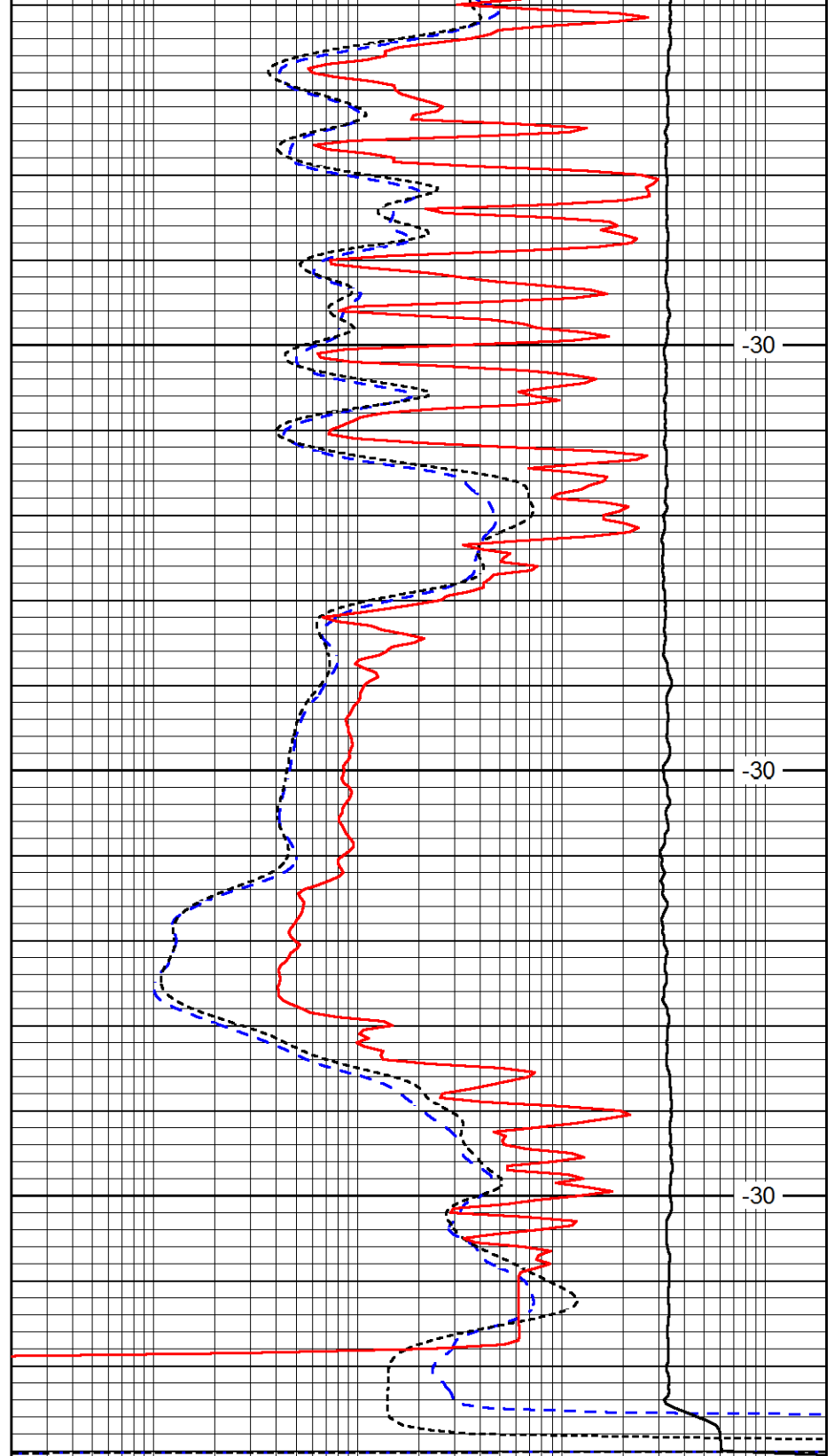


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4550

4600

0	Gamma Ray (GAPI)	150
-160	RxoRt	40
-200	SP (mV)	0



-30

-30

-30

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

LSPD  
(ft/min)



# DUAL COMP POROSITY LOG

Company: BECKER OIL CORPORATION  
 Well: OTTLEY NO. 1  
 Field: CAMPUS SIDING NORTH  
 County: THOMAS  
 State: KANSAS

Company: BECKER OIL CORPORATION  
 Well: OTTLEY NO. 1  
 Field: CAMPUS SIDING NORTH  
 County: THOMAS  
 State: KANSAS

Location: API #: 15-193-20,959-00-00  
 1,200' FNL & 335' FWL  
 SEC 36 TWP 10S RGE 31W  
 Permanent Datum: GROUND LEVEL Elevation 2910'  
 Log Measured From: KELLY BUSHING  
 Drilling Measured From: KELLY BUSHING  
 Other Services: DIL/MEL  
 Elevation: K.B. 2915', D.F. N/A, G.L. 2910'

Date	10/25/2015
Run Number	ONE
Type Log	CNL/CDL
Depth Driller	4625'
Depth Logger	4625'
Bottom Logged Interval	4595'
Top Logged Interval	3500'
Type Fluid In Hole	CHEMICAL
Salinity, PPM CL	2000
Density	9.4
Level	FULL
Max. Rec. Temp. F	122
Operating Rig Time	2 1/2 HOURS
Equipment -- Location	108 Hays
Recorded By	J. LONG
Witnessed By	CLYDE BECKER

Borehole Record		Casing Record					
Run No.	Bit	From	To	Size	Wgt.	From	To
ONE	12.25	00	220	8.625	23#	00	220
TWO	7.875	220	TD				

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.  
 CAMPUS ROAD AND I-70 INTERSECTION, 2 1/4 NORTH, EAST INTO

Log Measured From: KELLY BUSHING      5 Ft. Above Permanent Datum

THANK YOU FOR USING PIONEER ENERGY SERVICES  
[www.pioneerenergy.com](http://www.pioneerenergy.com)      785-625-3858

Your Pioneer Energy Services Crew

Engineer: J. LONG  
 Operator:  
 Operator:  
 Operator:

This Log Record Was Witnessed By

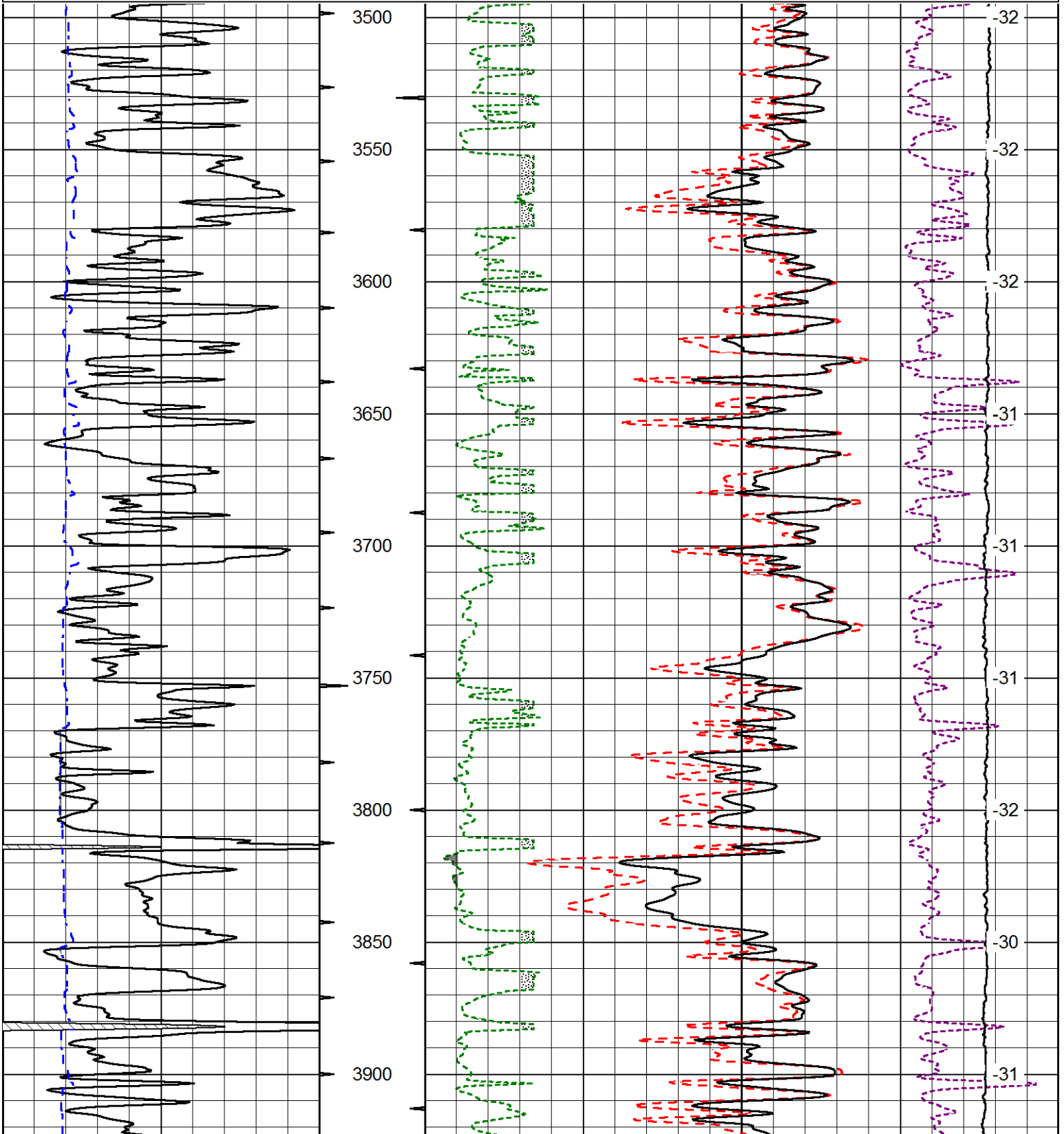
Primary Witness: CLYDE BECKER  
 Secondary Witness:  
 Secondary Witness:  
 Secondary Witness:

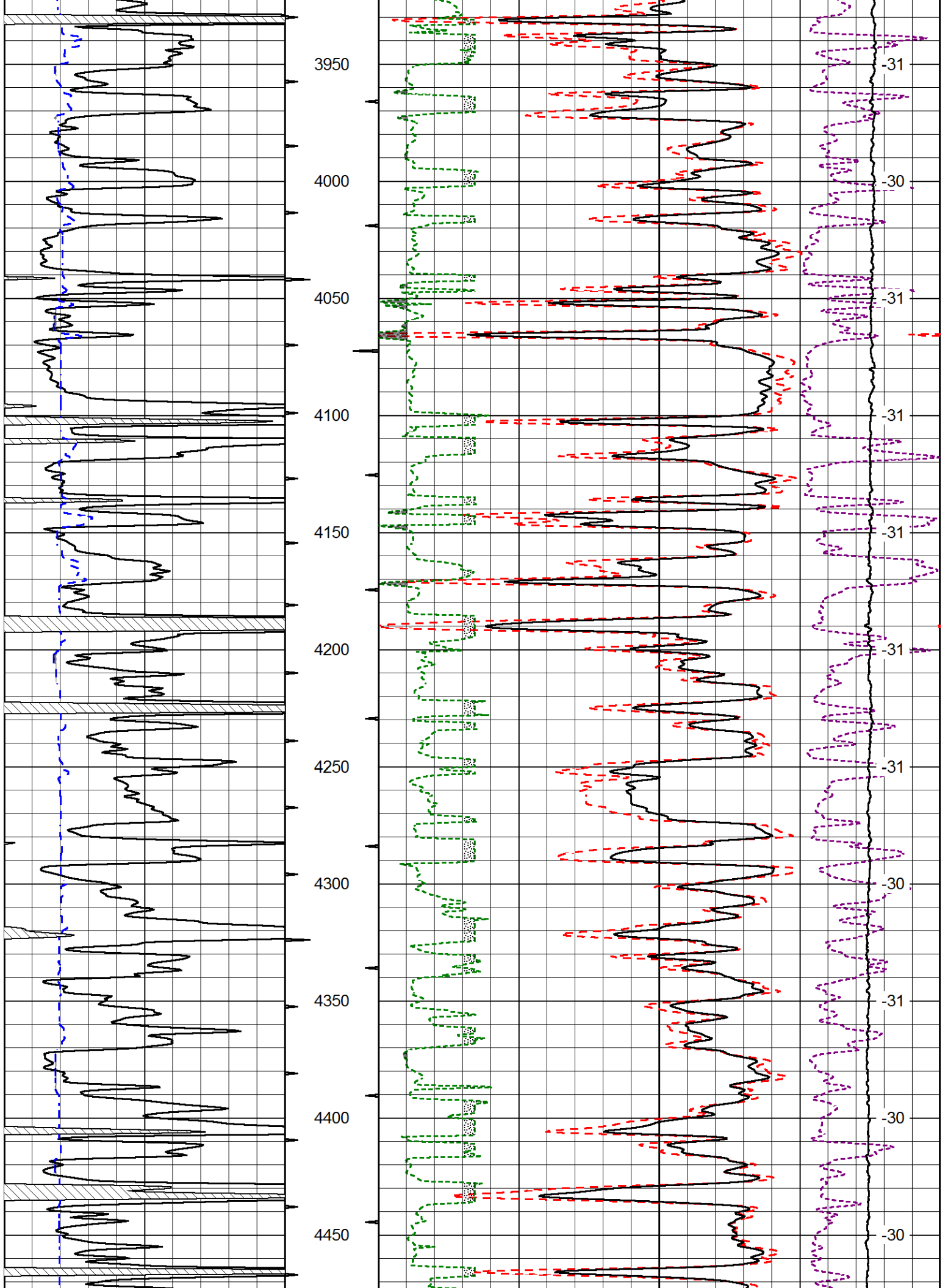
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 Dataset Creation Sun Oct 25 08:22:04 2015  
 Charted by Depth in Feet scaled 1:600

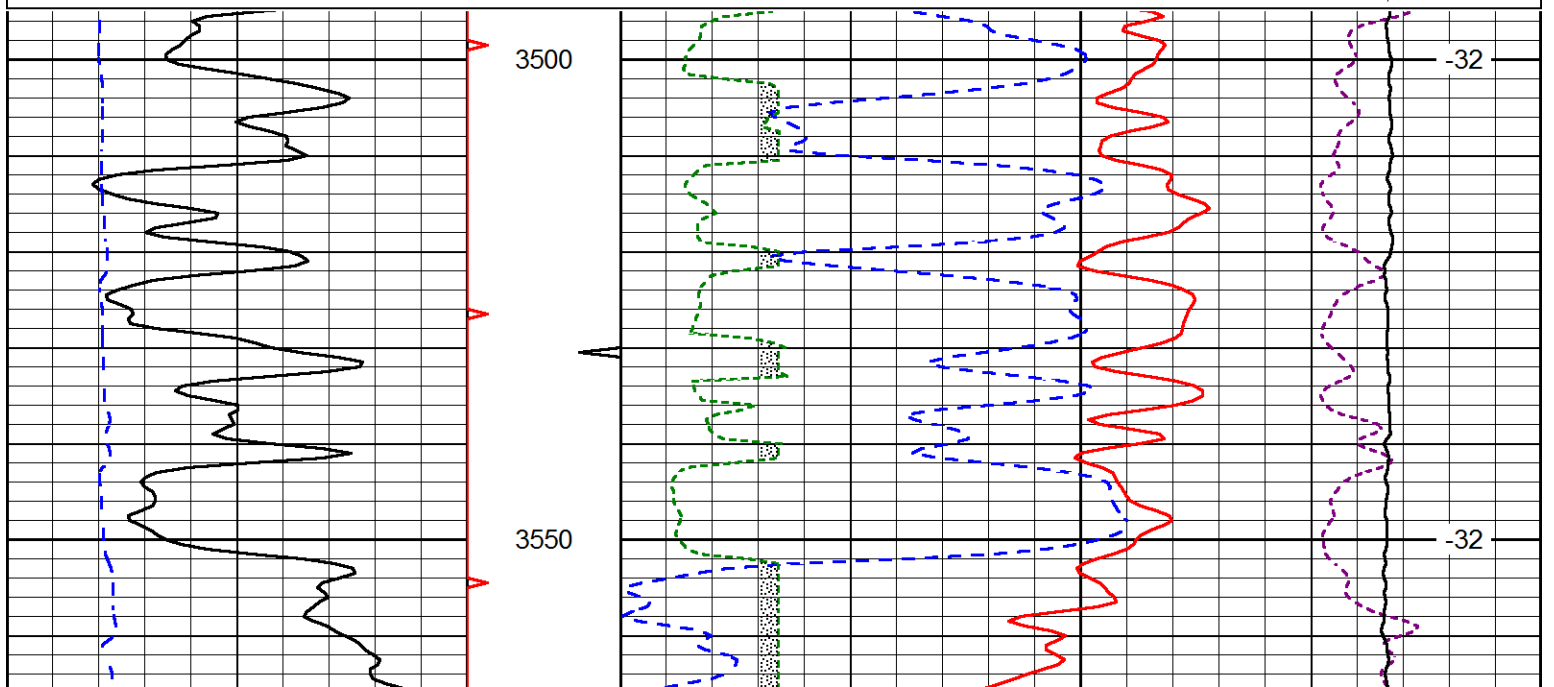
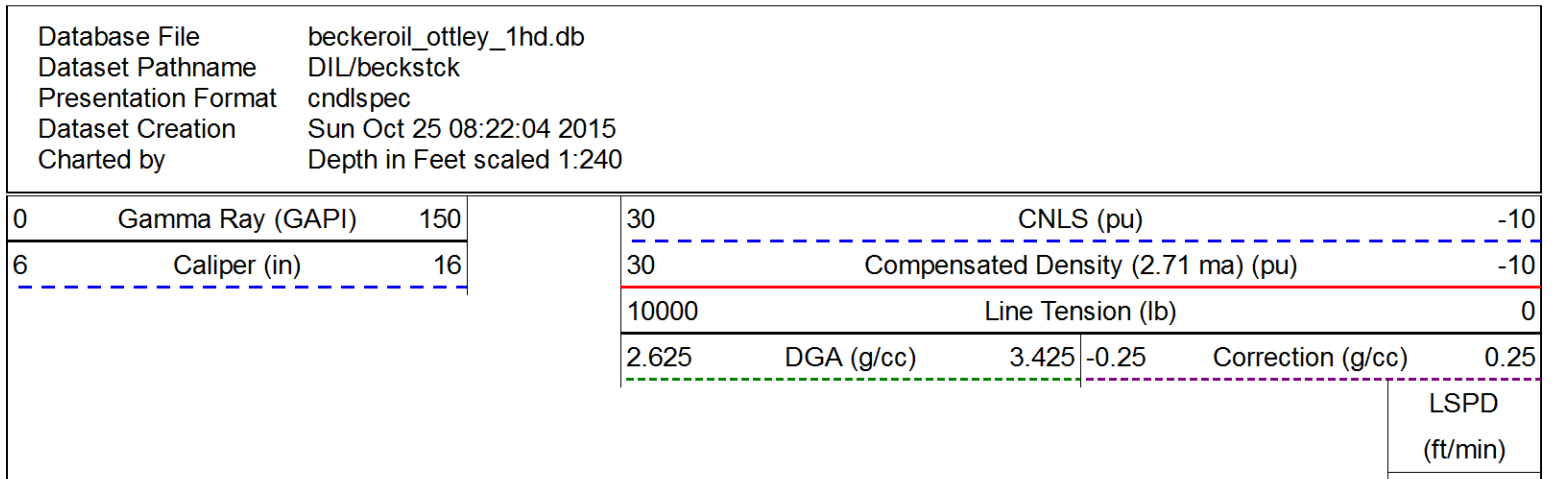
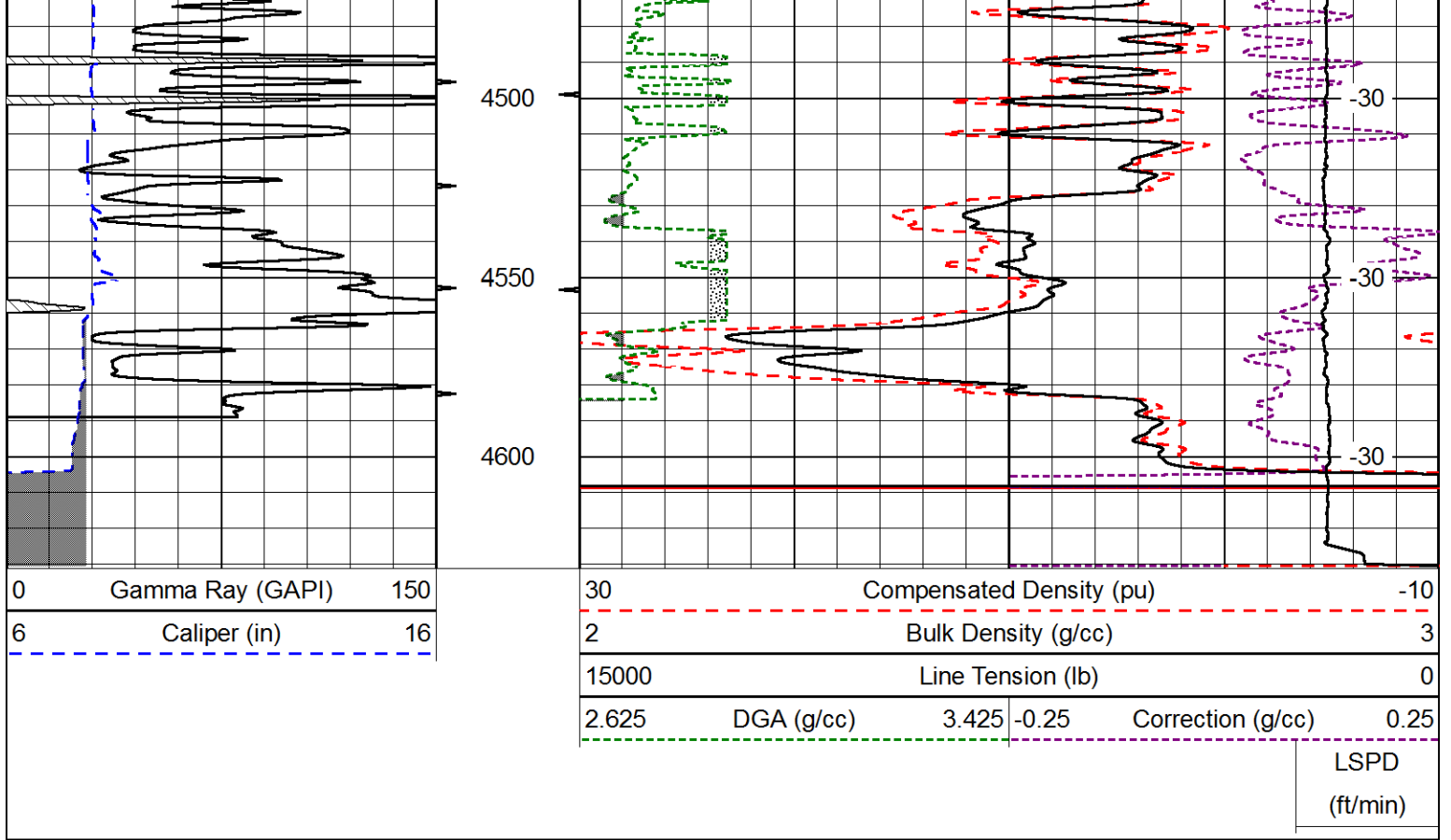
0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

30	Compensated Density (pu)		-10
2	Bulk Density (g/cc)		3
15000	Line Tension (lb)		0
2.625	DGA (g/cc)	3.425	-0.25
	Correction (g/cc)		0.25

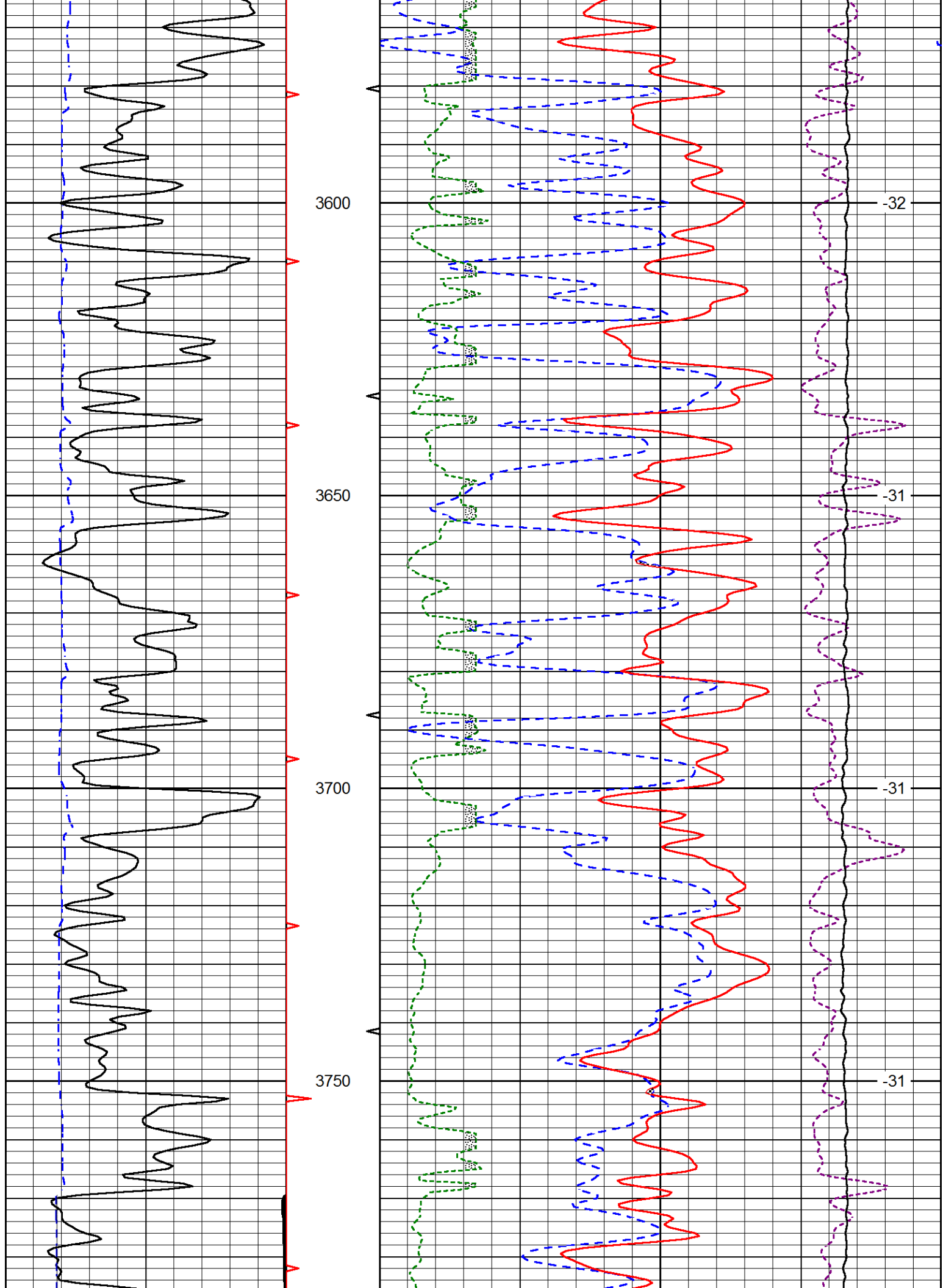
LSPD  
(ft/min)

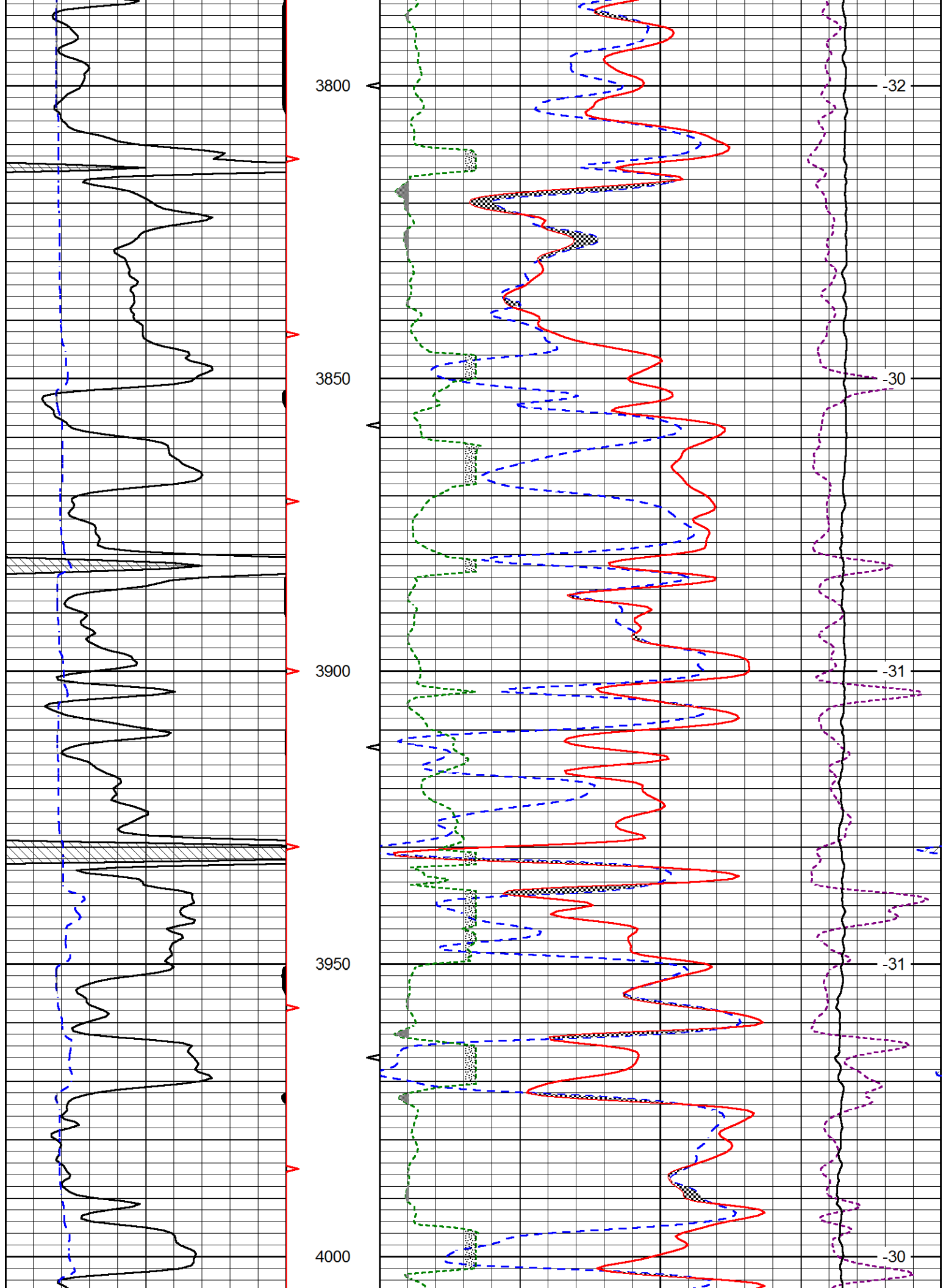


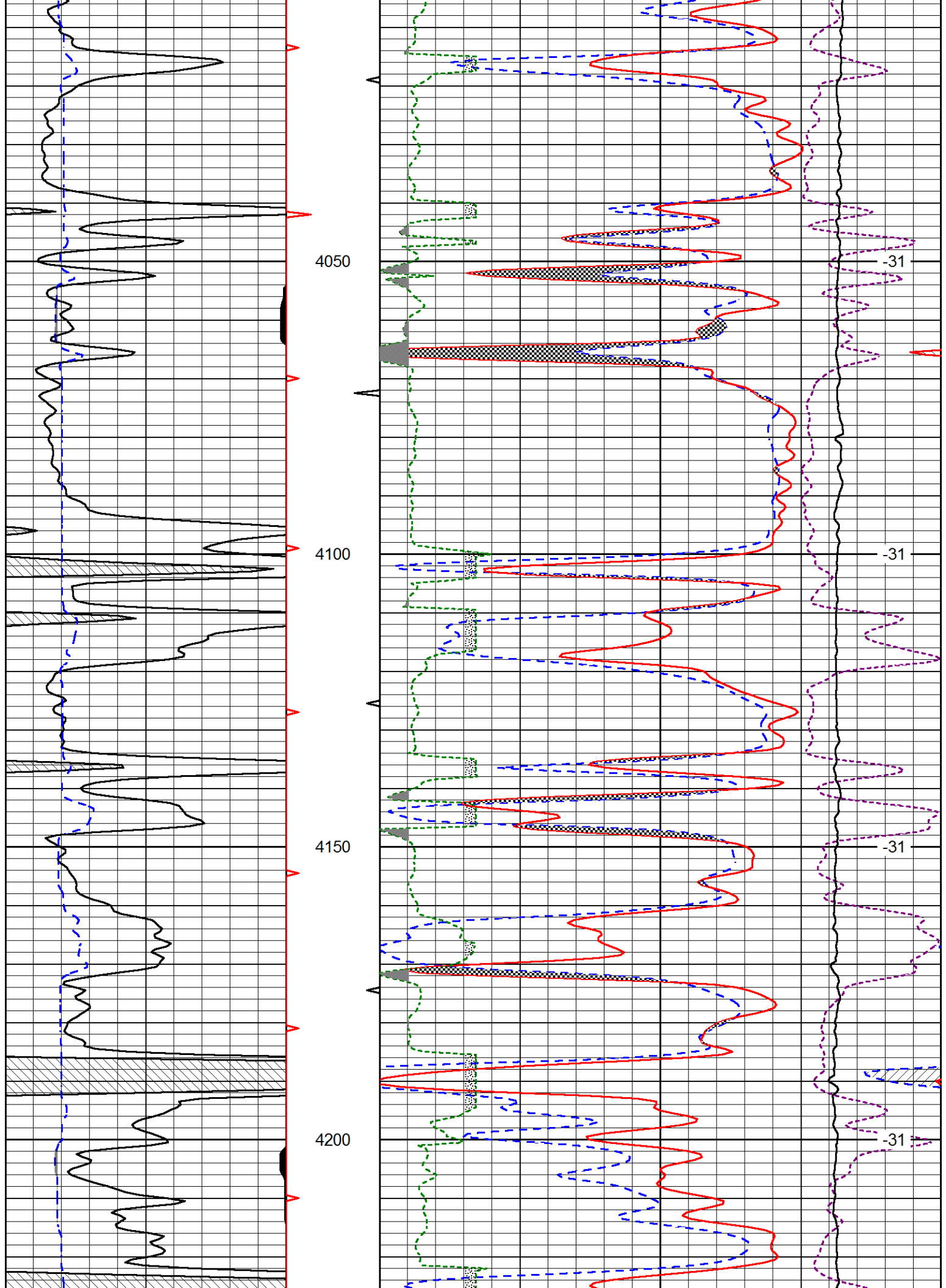


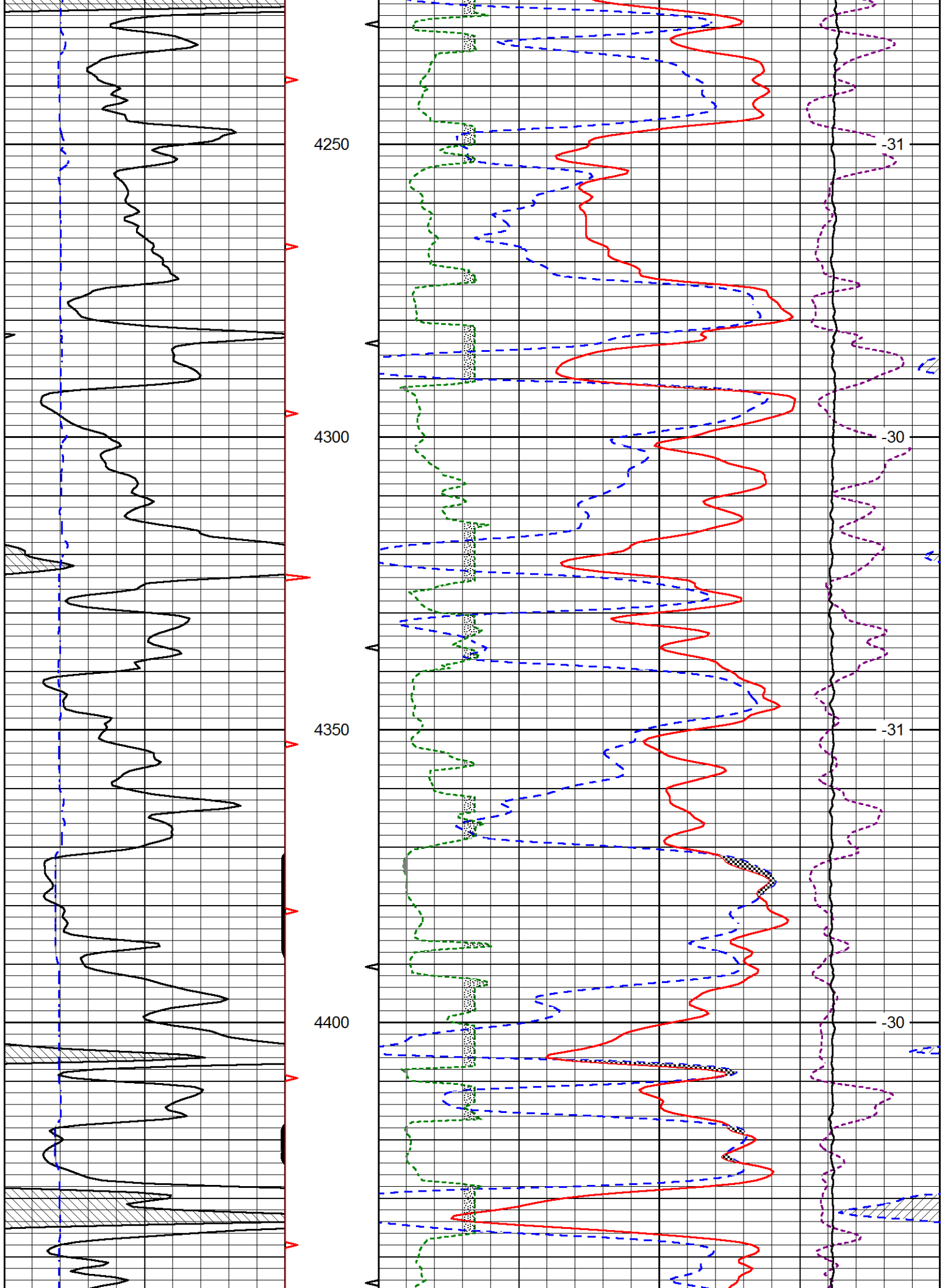


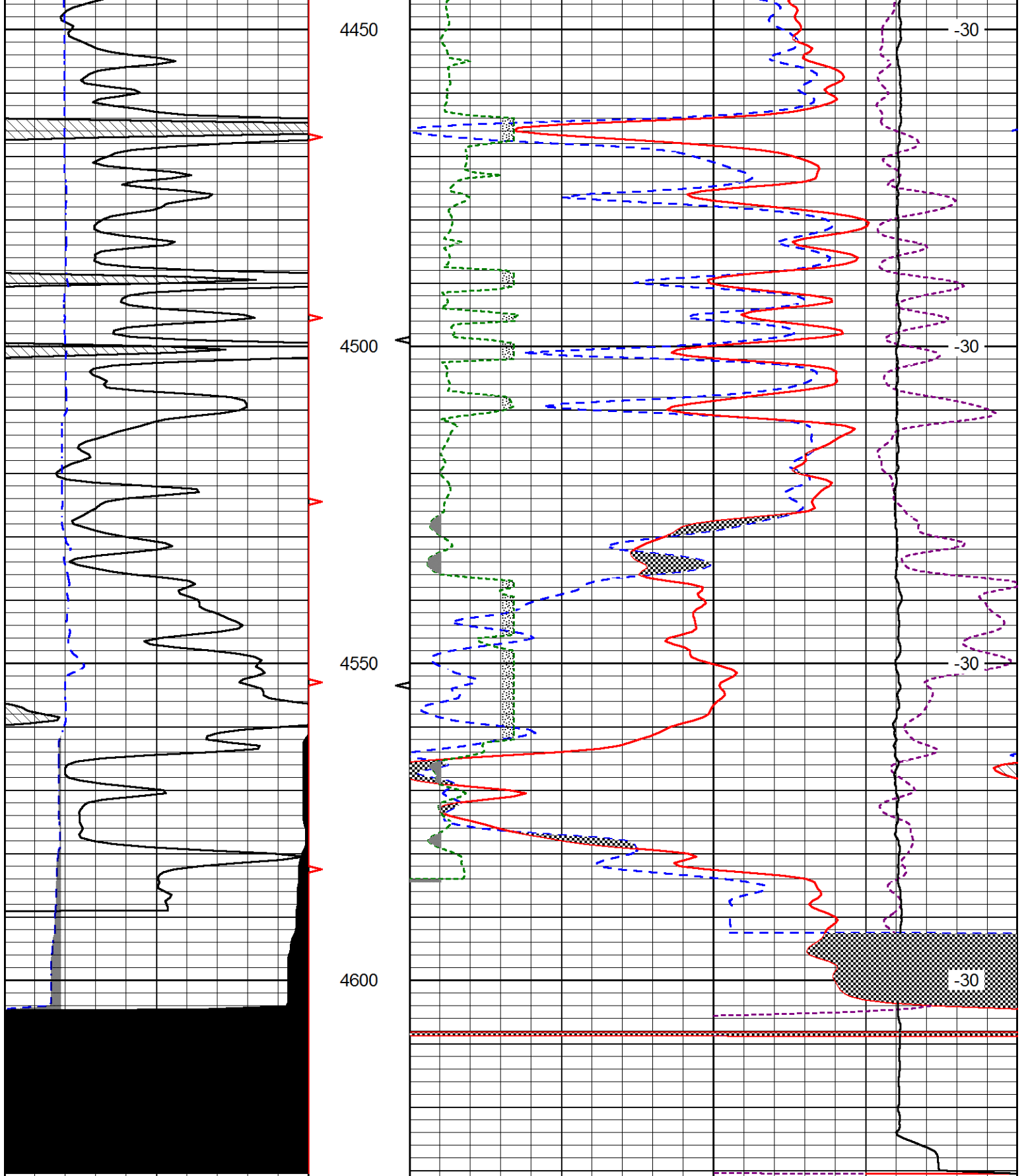












0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

30	CNLS (pu)	-10
30	Compensated Density (2.71 ma) (pu)	-10
10000	Line Tension (lb)	0
2.625	DGA (g/cc)	3.425
-0.25	Correction (g/cc)	0.25

LSPD  
(ft/min)



**MICRORESISTIVITY LOG**

Company: BECKER OIL CORPORATION  
 Well: OTTLEY NO. 1  
 Field: CAMPUS SIDING NORTH  
 County: THOMAS  
 State: KANSAS

Company: BECKER OIL CORPORATION  
 Well: OTTLEY NO. 1  
 Field: CAMPUS SIDING NORTH  
 County: THOMAS  
 State: KANSAS

Location: API #: 15-193-20,959-00-00  
 1,200' FNL & 335' FWL  
 SEC 36 TWP 10S RGE 31W  
 Permanent Datum: GROUND LEVEL Elevation 2910'  
 Log Measured From: KELLY BUSHING  
 Drilling Measured From: KELLY BUSHING  
 Other Services: CNL/CDL DIL  
 Elevation: 2915'  
 K.B.: N/A  
 D.F.: 2910'  
 G.L.: 2910'

Date	10/25/2015
Run Number	ONE
Depth Driller	4625'
Depth Logger	4625'
Bottom Logged Interval	4624'
Top Log Interval	3500'
Casing Driller	8.625" @ 220'
Casing Logger	217'
Bit Size	7.875"
Type Fluid in Hole	CHEMICAL
Salinity, ppm CL	2000
Density / Viscosity	9.4 59
pH / Fluid Loss	10.0 8.8
Source of Sample	Flowline
Rm @ Meas. Temp	.96 @ 74
Rmt @ Meas. Temp	.72 @ 74
Rmc @ Meas. Temp	1.30 @ 74
Source of Rmf / Rmc	Charts
Rm @ BHT	.58 @ 122
Operating Rig Time	2 1/2 HOURS
Max Rec. Temp. F	122
Equipment Number	108
Location	Hays
Recorded By	J. LONG
Witnessed By	CLYDE BECKER

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.  
 CAMPUS ROAD AND I-70 INTERSECTION, 2 1/4 NORTH, EAST INTO

Log Measured From: KELLY BUSHING 5 Ft. Above Permanent Datum

THANK YOU FOR USING PIONEER ENERGY SERVICES  
[www.pioneerenergy.com](http://www.pioneerenergy.com) 785-625-3858

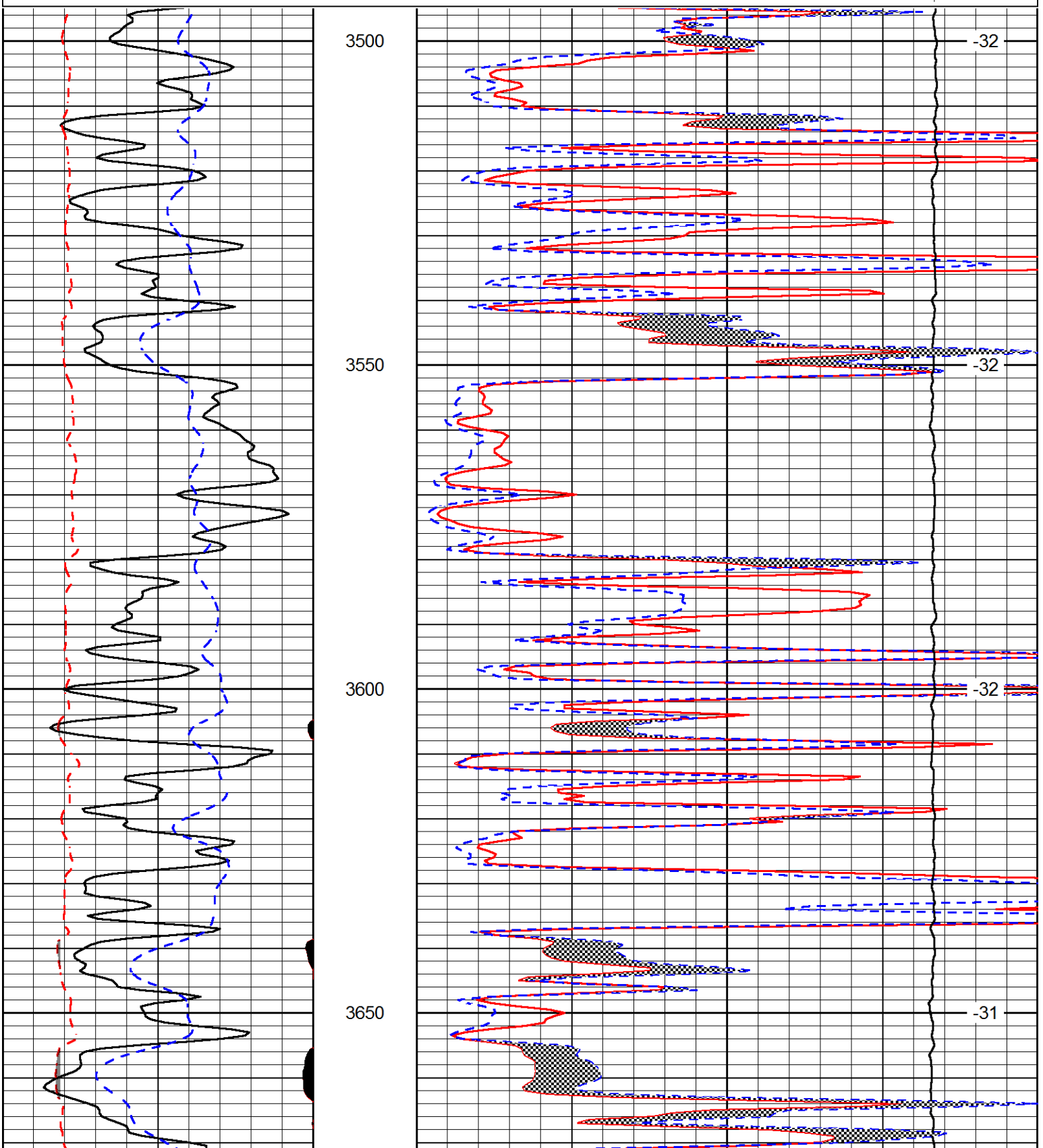
Your Pioneer Energy Services Crew Engineer: J. LONG Operator: Operator: Operator:	This Log Record Was Witnessed By Primary Witness: CLYDE BECKER Secondary Witness: Secondary Witness: Secondary Witness:
---	---

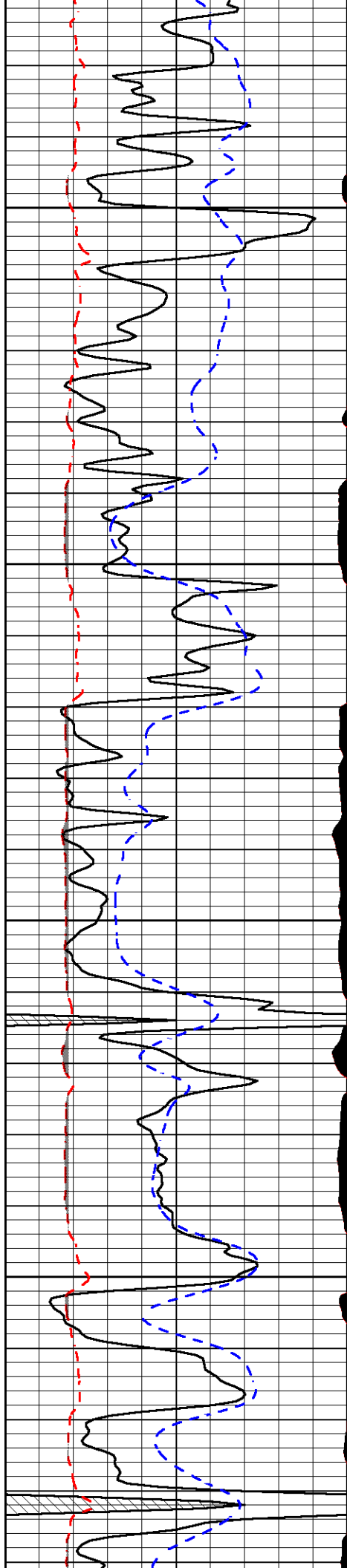
Database File beckeroil\_ottley\_1hd.db  
 Dataset Pathname DIL/beckstck  
 Presentation Format micro  
 Dataset Creation Sun Oct 25 08:22:04 2015  
 Charted by Depth in Feet scaled 1:240

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

0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

LSPD  
(ft/min)



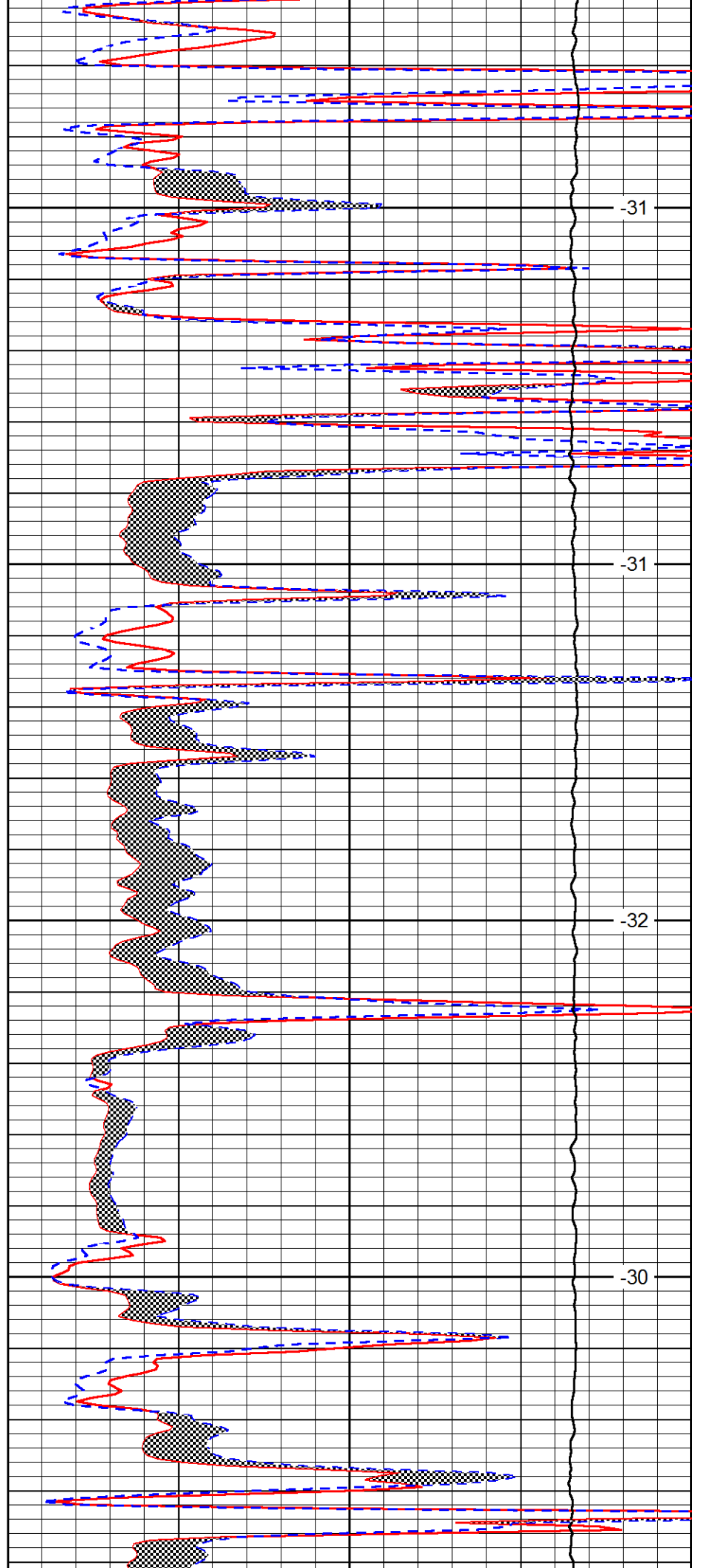


3700

3750

3800

3850



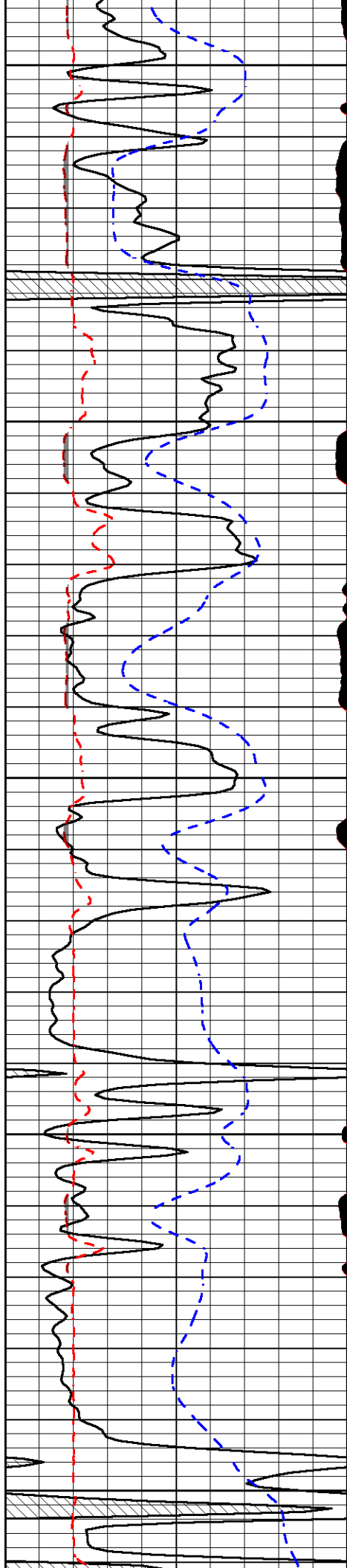
-31

-31

-32

-30





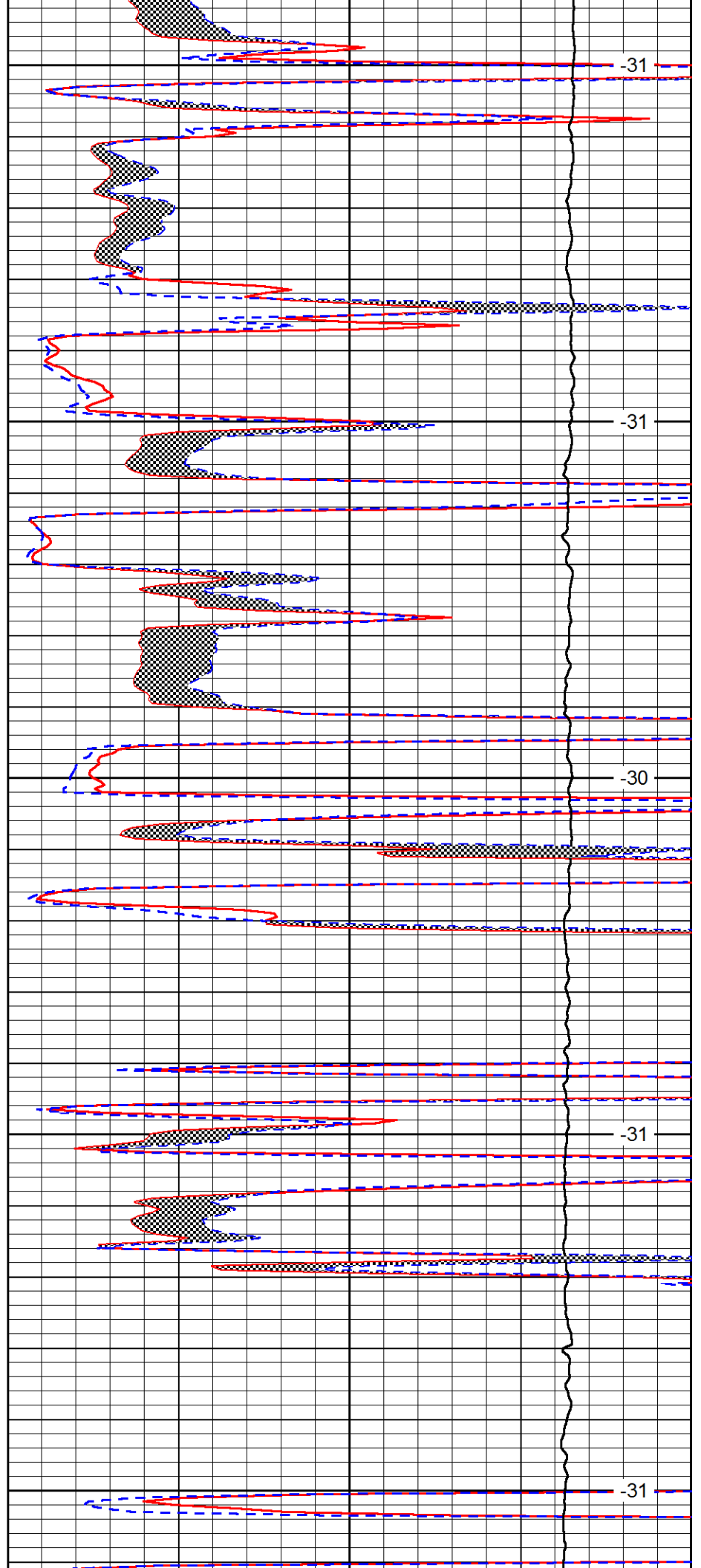
3900

3950

4000

4050

4100



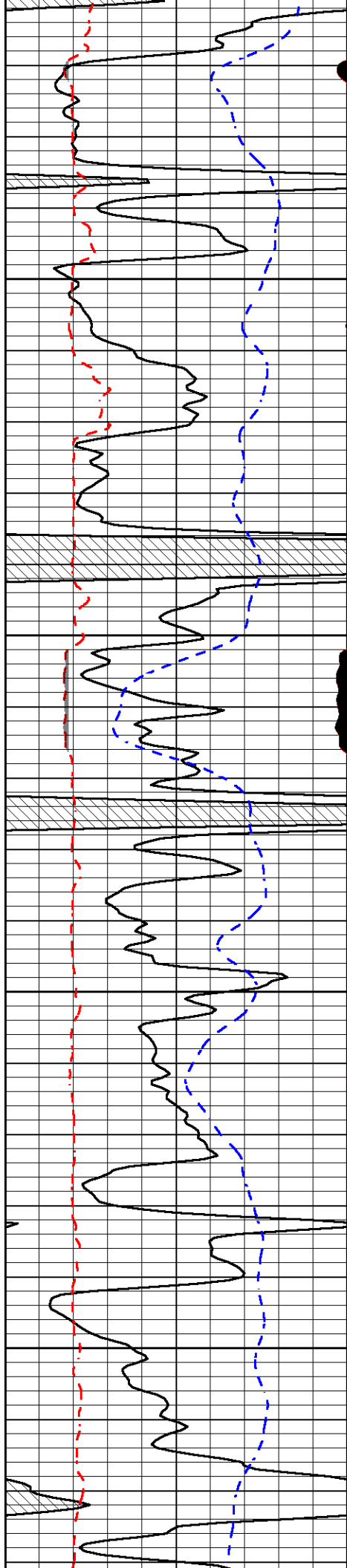
-31

-31

-30

-31

-31

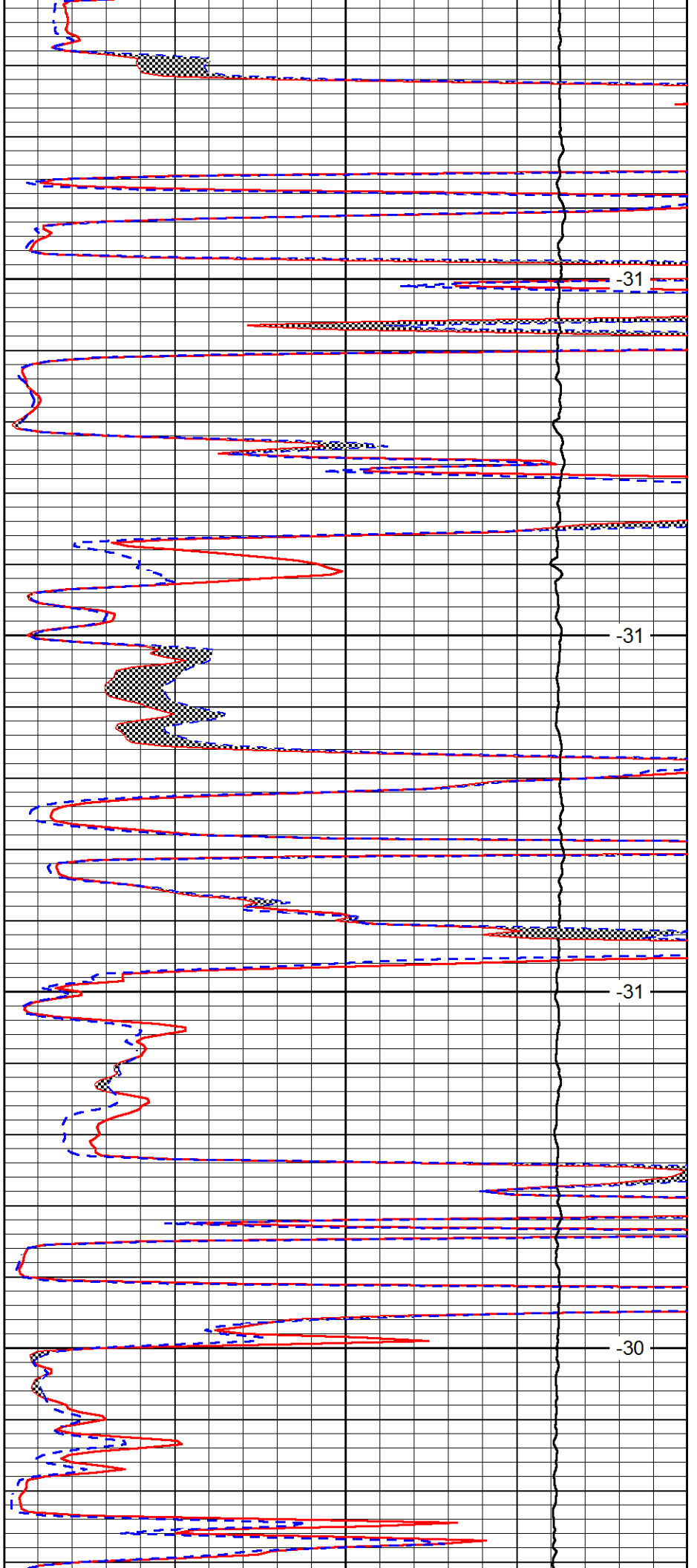


4150

4200

4250

4300

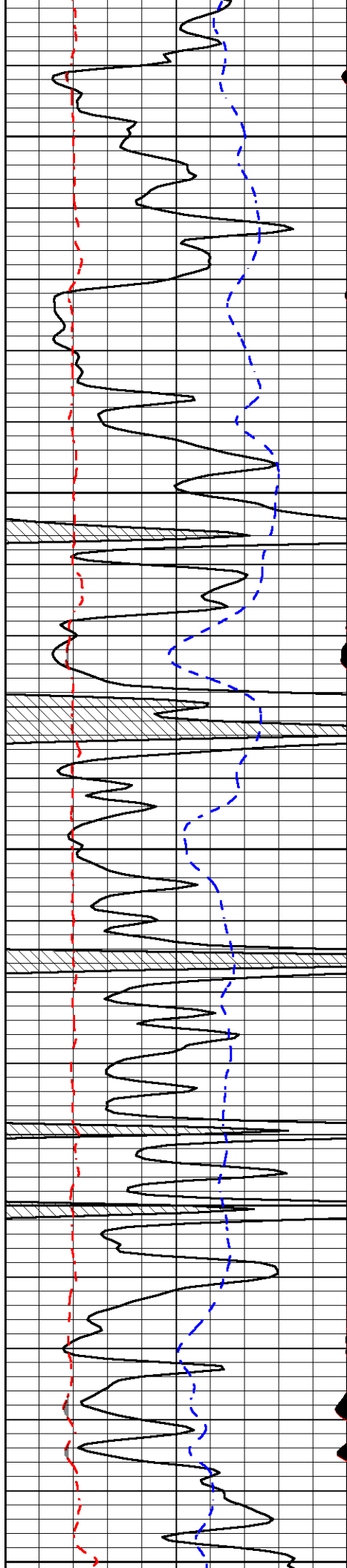


-31

-31

-31

-30



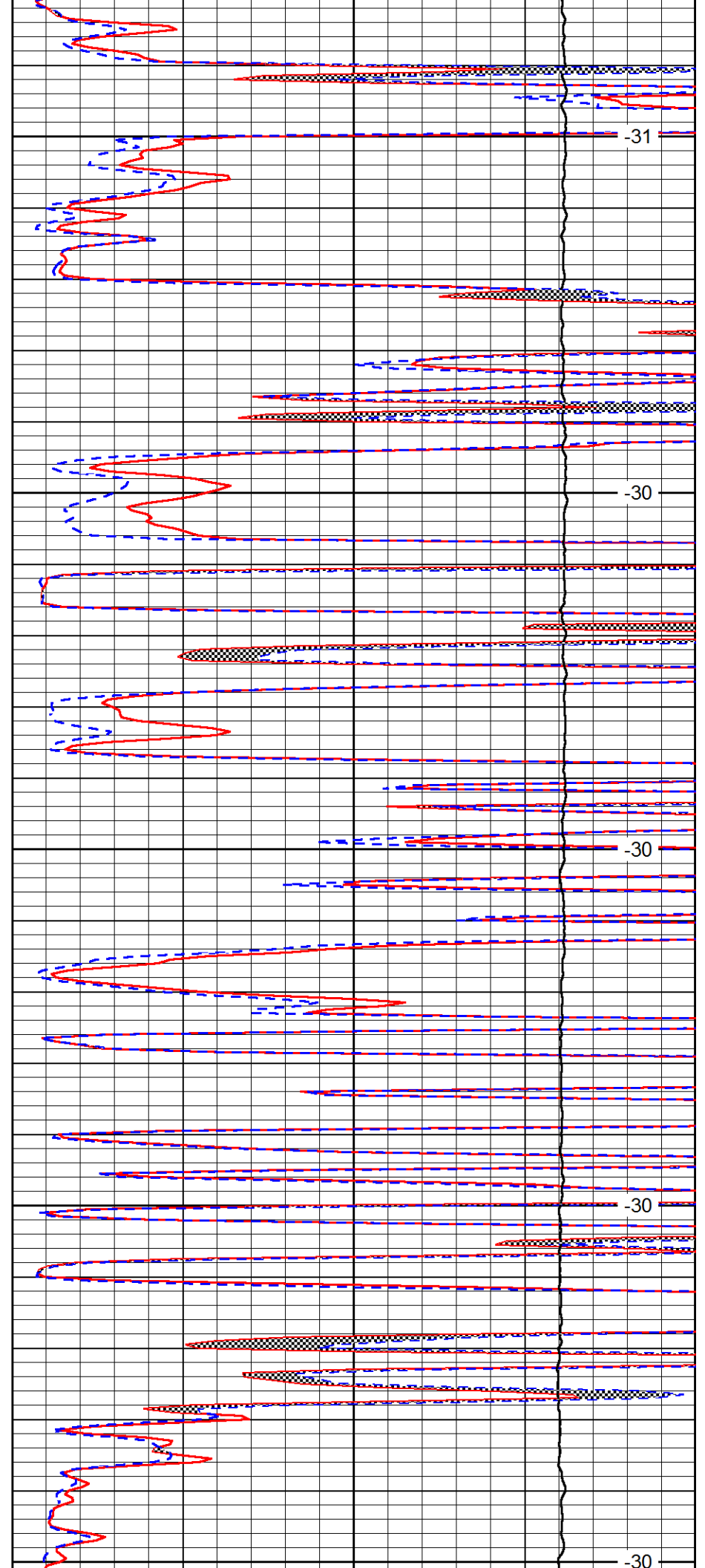
4350

4400

4450

4500

4550



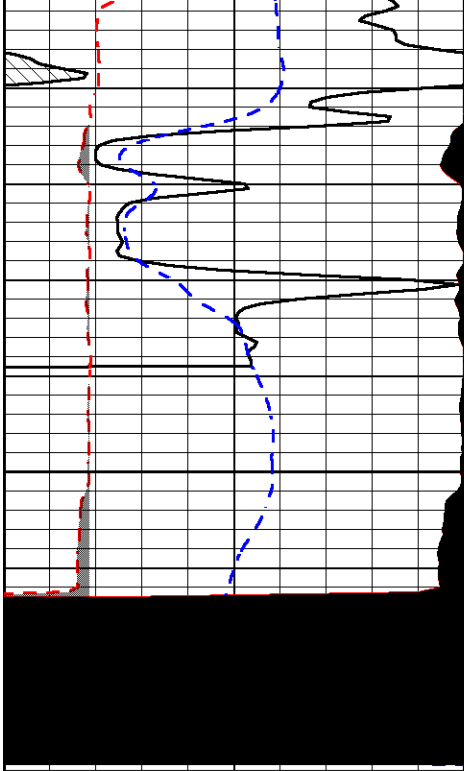
-31

-30

-30

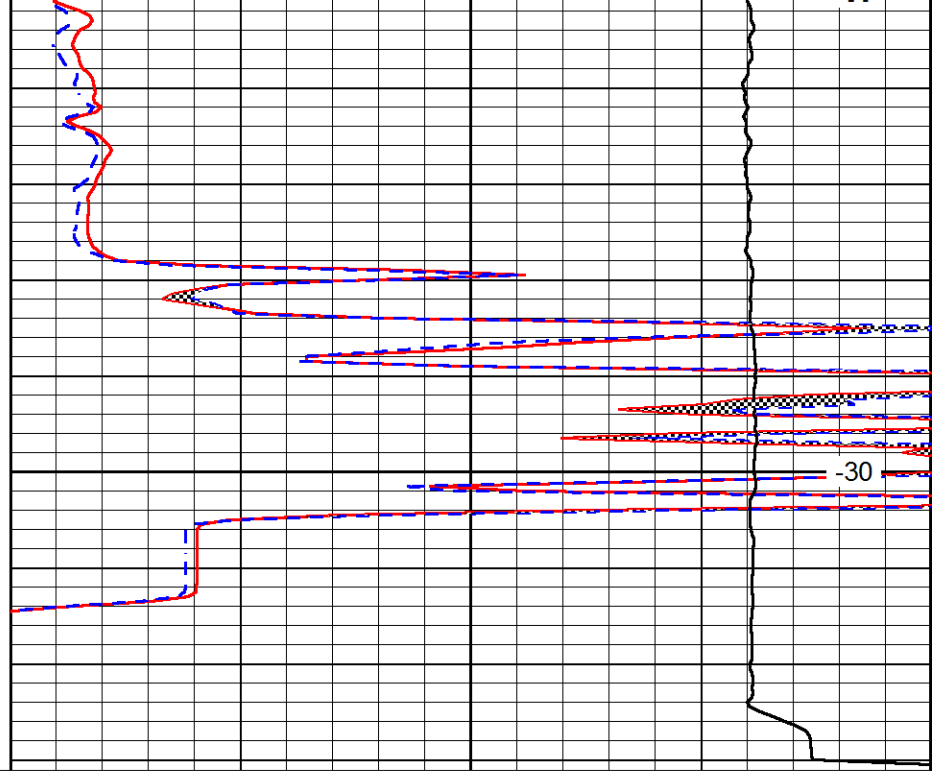
-30

-30



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

4600



0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

LSPD  
(ft/min)



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Becker Oil Corporation

**36-10-31 Thomas, Ks**

P.O. Box 1150  
Ponca City, Ok 74602

**Ottley #1**

Job Ticket: 61781

**DST#: 1**

ATTN: Clyde Becker

Test Start: 2015.10.23 @ 05:56:35

## GENERAL INFORMATION:

Formation: **LKC G-I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:48:05

Time Test Ended: 11:12:35

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

**Interval: 4095.00 ft (KB) To 4190.00 ft (KB) (TVD)**

Reference Elevations: 2915.00 ft (KB)

Total Depth: 4190.00 ft (KB) (TVD)

2910.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8166 Outside**

Press@RunDepth: 37.12 psig @ 4096.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.10.23

End Date:

2015.10.23

Last Calib.: 2015.10.23

Start Time: 05:56:40

End Time:

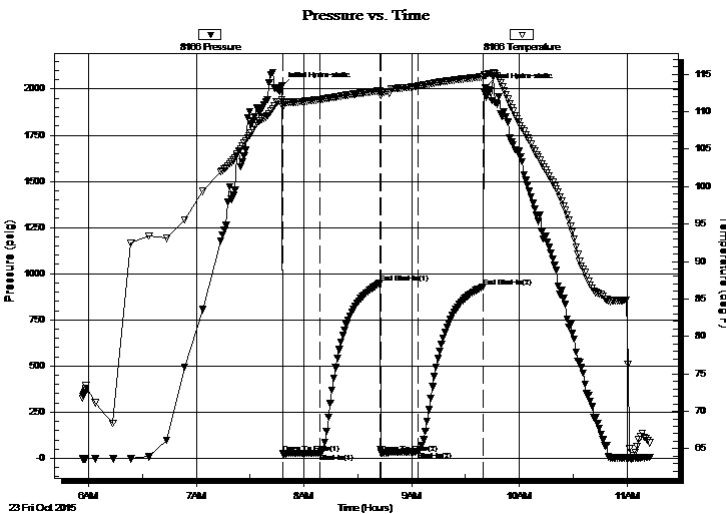
11:12:34

Time On Btm: 2015.10.23 @ 07:47:35

Time Off Btm: 2015.10.23 @ 09:41:05

**TEST COMMENT:** IF: 1/4 blow died in 15 min.  
IS: No return.  
FF: No blow. Flushed tool no blow.  
FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2015.16	111.58	Initial Hydro-static
1	25.59	110.61	Open To Flow (1)
22	27.74	111.63	Shut-In(1)
55	948.26	112.80	End Shut-In(1)
56	29.06	112.55	Open To Flow (2)
76	37.12	113.39	Shut-In(2)
112	927.74	114.66	End Shut-In(2)
114	2006.37	114.89	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100%m	0.10

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Becker Oil Corporation

**36-10-31 Thomas, Ks**

P.O. Box 1150  
Ponca City, Ok 74602

**Ottley #1**

Job Ticket: 61781

**DST#: 1**

ATTN: Clyde Becker

Test Start: 2015.10.23 @ 05:56:35

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
20.00	mud 100%m	0.098

Total Length: 20.00 ft      Total Volume: 0.098 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

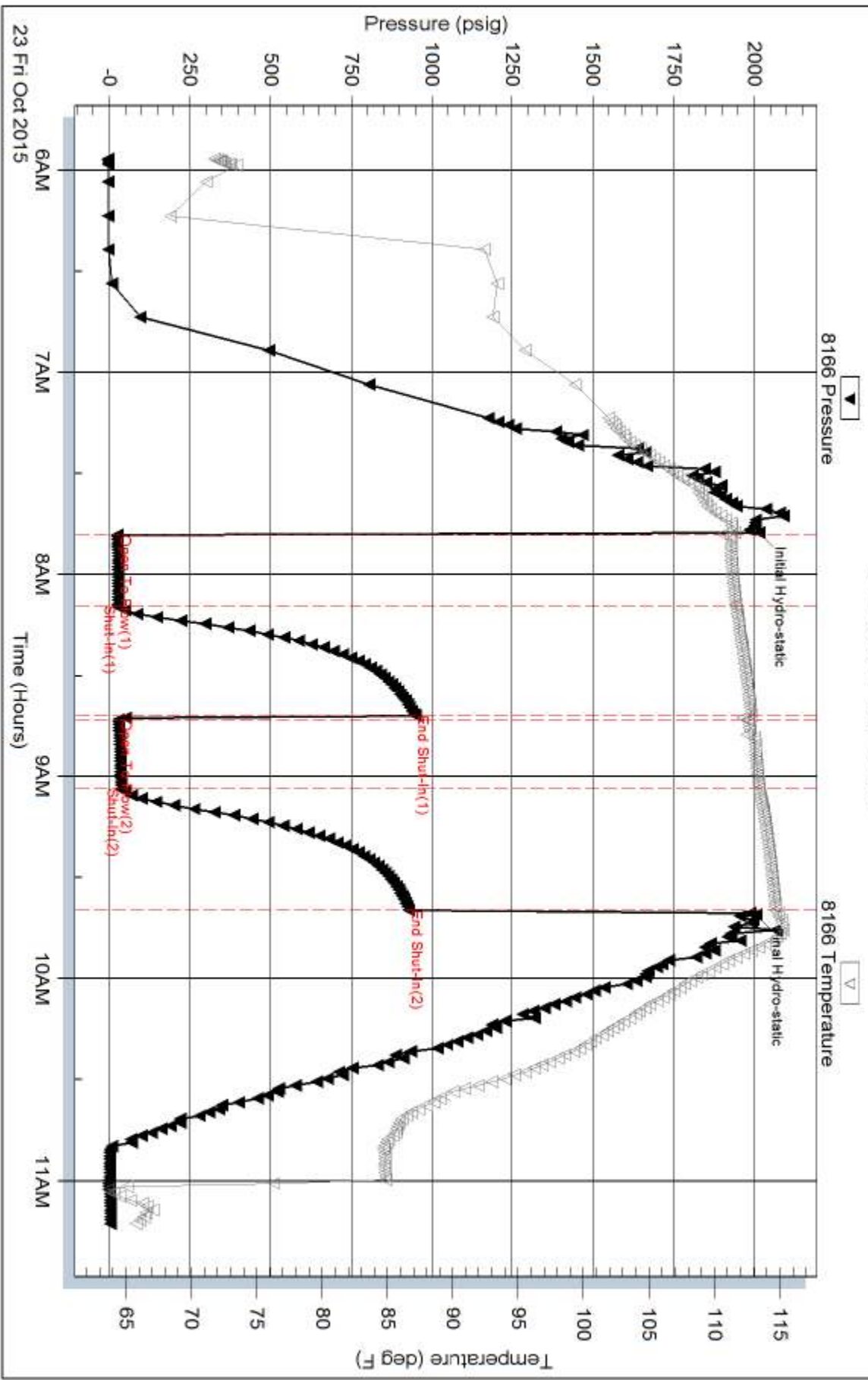
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time









**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Becker Oil Corporation

**36-10-31 Thomas, Ks**

P.O. Box 1150  
Ponca City, Ok 74602

**Ottley #1**

Job Ticket: 61782

**DST#: 2**

ATTN: Clyde Becker

Test Start: 2015.10.24 @ 13:33:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	gocm 10%g 15%o 75%m	0.295
30.00	oil 100%o	0.148
0.00	278 GIP	0.000

Total Length: 90.00 ft      Total Volume: 0.443 bbl

Num Fluid Samples: 0

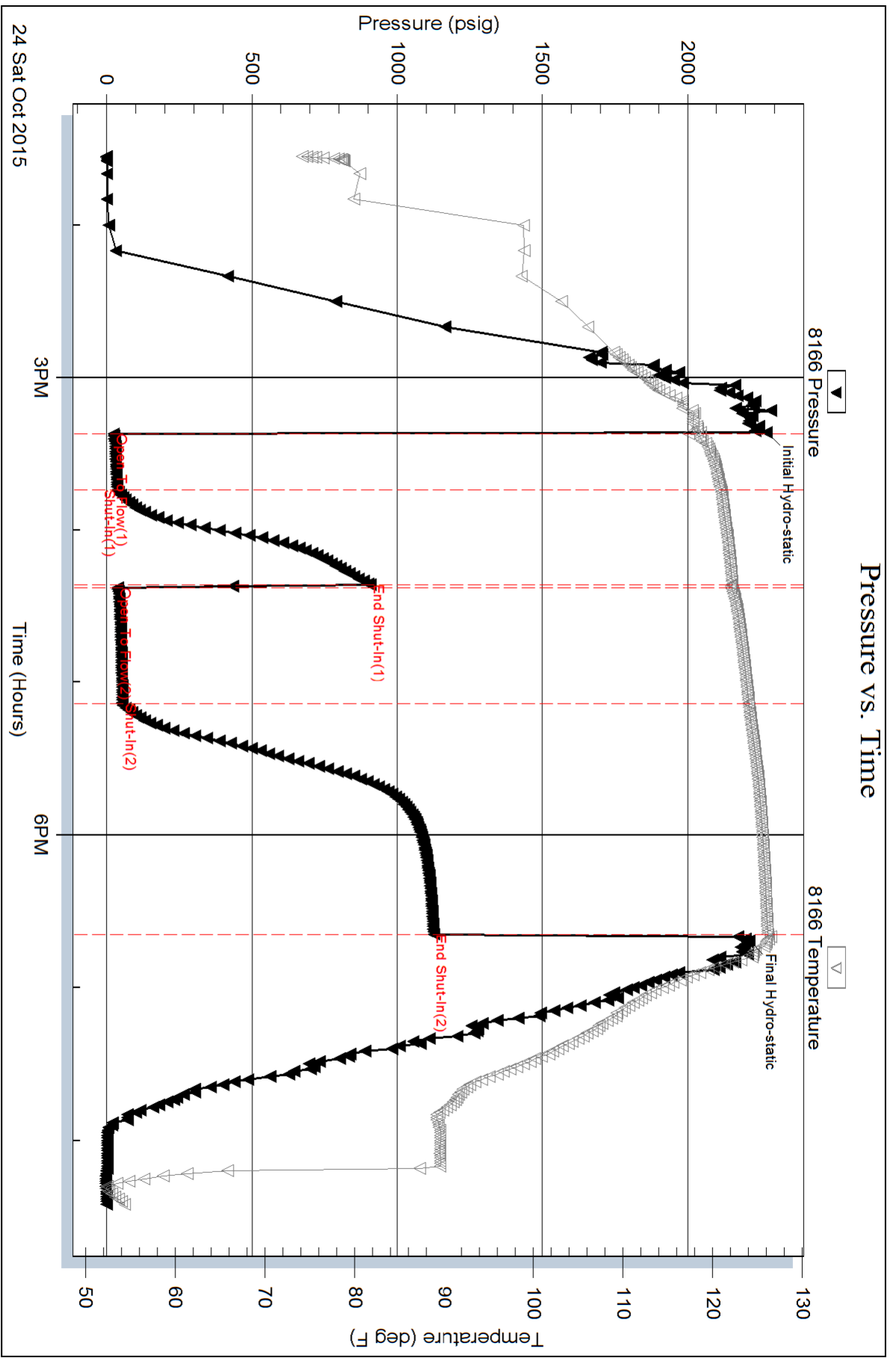
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 39@60=39



# ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. #20-6975804

067738

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Oakley KS

DATE <u>10-19-15</u>	SEC <u>36</u>	TWP. <u>10</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>5:30 pm</u>	JOB START <u>5:30 pm</u>	JOB FINISH <u>6:00 pm</u>
LEASE <u>Oakley</u>	WELL # <u>1</u>	LOCATION <u>Campus 1.5N, Einto</u>		COUNTY <u>Thomas</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR W+W 8

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 220'

CASING SIZE 8 5/8 DEPTH 220'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT 13 bbl H2O

OWNER Same

CEMENT AMOUNT ORDERED 150 stks Com 3/1 CC

EQUIPMENT

PUMP TRUCK CEMENTER Paul Beaver

# 422 HELPER Wayne Medsichy

BULK TRUCK DRIVER Darren Koffette

# 373-308

BULK TRUCK DRIVER Monty Phillips

COMMON 150 stks @ 17.90 2685.00

POZMIX @

GEL @

CHLORIDE 423 # @ 1.10 465.30

ASC @

TOTAL 3,150.30

DISCOUNT 48% 2,505.17

REMARKS:

Mix 150 stks

Displace w/ water

Cement did circ

5 bbl to pit

SERVICE

HANDLING 159 ft' @ 2.48 394.32

MILEAGE 37 ton/mi x 2.75 101.75

DEPTH OF JOB

PUMP TRUCK CHARGE 15/2.25

EXTRA FOOTAGE @

HV MILEAGE 5 @ 7.70 38.50

LV MILEAGE 5 @ 4.90 22.00

TOTAL 2,068.82

DISCOUNT 48% 993.03

CHARGE TO: Becker Oil **(BID)**

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

DISCOUNT %

To: Allied Oil & Gas Services, LLC.

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

PRINTED NAME

SIGNATURE [Signature]

SALES TAX (If Any)

TOTAL CHARGES 5,219.12

DISCOUNT 2,505.17 (48%) IF PAID IN 30 DAYS

NET TOTAL 2,713.94 IF PAID IN 30 DAYS

Bid

BID SHEET



Hide/Unhide Rows

Date	October 19, 2015
Ticket Number	0
Service Point:	Oakley, KS
Address	P.O. Box 27 Oakley, KS 67143
Business Phone	785-672-3452

Manager	Terry Heinrich
E-mail	terry.heinrich@alliedservices.com
Mobile Phone	785-679-9576

Company	Becker Oil Corporation	Prepared For:	Doug Brown	Well Data	
Address	Ponca City, Oklahoma 74602-1118	Business Phone:	335-670-8202	Open Hole	12 1/4
Address	#N/A	Email:	dbrown@poncacity.net	Depth	220
Well Name	Ottley	Mobile Phone:	580-755-8788	String	01 Surface
Well Number	# 1	Prepared By:	Neal Rupp	Casing Size	8 5/8
Field	Sec: 36 - T10S - R31W	Email	neal.rupp@alliedservices.com	ID	8.097
County	Thomas	Mobile Phone:	316.250.7057	Weight	24.0
State	Kansas	Business Phone:	316.260.3368	Grade	J-55
City	0	Rig Contractor		Top (md)	0
API Number	15-193-20959	Rig Name/No.		Btm (md)	720
Specific Job Type	01 Surface			Thread	LTC
		Company Rep	0		

	UNITS	UOM	UNIT PRICE	GROSS	Unit Net	Net			\$ GP	% GP
PUMP,CASING CEMENT 0-500 FT	1.00	min. 4 hr	\$1,512.25	\$ 1,512.25	\$ 786.37	\$786.37				
				\$ 1,512.25		\$786.37				
CLASS A COMMON	150.00	sack	\$17.90	\$ 2,685.00	\$ 9.31	\$1,396.20	\$8.07	\$1,210.50	\$185.70	13.3%
CALCIUM CHLORIDE, PELLETS OR FLAKE	423.00	pound	\$1.10	\$ 465.30	\$ 0.57	\$241.96	\$0.24	\$101.52	\$140.44	58.0%
Subtotal				\$ 3,150.30		\$1,638.16		\$1,312.02	\$326.14	19.91%
<b>ACID PRODUCTS</b>										
Subtotal				\$ -		\$0.00		\$0.00	\$0.00	0.00%
<b>TRANSPORT</b>										
Products handling service charge	159.00	per cu. Ft.	\$2.48	\$ 394.32	\$ 1.29	\$205.05				
Drayage for Products	37.00	ton-mile	\$2.75	\$ 101.75	\$ 3.43	\$52.91				
Light Vehicle Mileage	5.00	per mile	\$4.40	\$ 22.00	\$ 2.29	\$11.44				
Heavy Vehicle Mileage	5.00	per mile	\$7.70	\$ 38.50	\$ 4.00	\$20.02				
Subtotal				\$ 556.57		\$289.42				
Totals:				\$ 5,219.12		\$2,713.94				
DISCOUNT: Operations			48.0%	(725.88)						
DISCOUNT: Equipment Sales			48.0%	0.00						
DISCOUNT: Products			48.0%	(1,512.14)						
DISCOUNT: Transport			48.0%	(267.15)						
DISCOUNT: ADDITIONAL ITEMS			48.0%	0.00						
			Total	(2,505.18)						

	Gross	Discount	Final	Costs:	\$ GP	% GP
Services Total	\$2,068.82	\$983.03	\$1,075.79	Services	\$484.10	\$591.68
Materials Total	\$3,150.30	\$1,512.14	\$1,638.16	Materials	\$1,312.02	\$326.14
Final Total	\$5,219.12	\$2,505.18	\$2,713.94	Total	\$1,796.12	\$917.82

# ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. #20-5975804

067856

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Dealey

DATE <u>11-4-15</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>DTT/19</u>	WELL # <u>1</u>	LOCATION			COUNTY	STATE	
OLD OR NEW (Circle one)							

**CONTRACTOR**

**OWNER**

TYPE OF JOB \_\_\_\_\_

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

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

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

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

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

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

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

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

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

DISPLACEMENT \_\_\_\_\_

CEMENT AMOUNT ORDERED \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER \_\_\_\_\_

# \_\_\_\_\_ HELPER \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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

KCL 10 g/L @ 344.00 399.00

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

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

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

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

**TOTAL** 344.00

**REMARKS:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

DISCOUNT 0% 0

**SERVICE**

HANDLING \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_

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

PUMP TRUCK CHARGE \_\_\_\_\_

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

HV MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

LV MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

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

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

**TOTAL** \_\_\_\_\_

DISCOUNT \_\_\_\_\_ % \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

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

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

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

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

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

**TOTAL** \_\_\_\_\_

DISCOUNT \_\_\_\_\_ % \_\_\_\_\_

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

PRINTED NAME Doug Brown

SIGNATURE Doug Brown

SALES TAX (if Any) \_\_\_\_\_

TOTAL CHARGES 344.00

DISCOUNT 0 IF PAID IN 30 DAYS

NET TOTAL 344.00 IF PAID IN 30 DAYS



**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 12912 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <u>10-25-15</u> DISTRICT _____		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER <u>BECKER OIL CORP.</u>		LEASE <u>CHARTER</u>		WELL NO. <u>1</u>						
ADDRESS _____		COUNTY <u>TOWNSHIP</u>		STATE <u>KS</u>						
CITY _____ STATE _____		SERVICE CREW <u>William J. Handley, Brian A. ...</u>								
AUTHORIZED BY _____		JOB TYPE: <u>CNW TWO STAGE LOWCOSTWORK</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED <u>10/25-15</u>	DATE	AM	PM	TIME
										<u>8:30</u>
						ARRIVED AT JOB				<u>1:00</u>
						START OPERATION				<u>6:15</u>
						FINISH OPERATION				<u>10:20</u>
						RELEASED <u>10-25-15</u>				<u>10:45</u>
						MILES FROM STATION TO WELL				<u>200</u>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 103	Air line	SK	125		9,250.00
CP 104	50' x 2" pipe	SK	130		1,430.00
CP 101	11' pipe	SK	325		2,925.00
CP 101	11' pipe	SK	30		540.00
CC 102	Collar	LB	153		566.10
CC 109	Calum chloride	LB	1357		1,426.85
CC 113	Synthetic	LB	500		472.50
CC 129	Tell 322	LB	55		412.50
CC 201	Synthetic	LB	650		435.00
CC 700	100' x 2" pipe	LB	322		453.00
CF 451	Two Stage Collar 5" x 7"	EA	1		4,500.00
CF 1251	Wide Tail Hex Stud	EA	1		360.00
CF 1421	Tool joint	EA	13		1,430.00
CF 1421	Basket	EA	1		210.00
CC 151	100' Hex	EA	500		750.00
SUB TOTAL					

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		<u>14</u>

SERVICE REPRESENTATIVE [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. \_\_\_\_\_

# Agreement of Terms and Conditions

All sales of services, products, or materials by Basic Energy Services LP, (hereinafter called BES) to any Customer, unless otherwise set out in writing, are subject to the terms and conditions set out herein.

## Terms:

All Service Charges and materials included in service price list are NET. Unless satisfactory credit has been established, cash payment will be required in advance. Credit Customer agrees to pay BES in its office in Cisco, Texas, for all services and materials on or before the 20th of the following month after the date of the invoice. Customer's invoice is considered in default if payment has not been received by the last day of the month following the month in which the invoice is dated and services delivered. Past due accounts will be subject to a charge for interest at the highest rate allowable by law, and if placed in the hands of an attorney for collection, Customer agrees to pay all collection costs, reasonable attorney fees and court costs.

## Taxes:

All prices are exclusive of any Federal, State or Special Taxes imposed on the sale or use of the merchandise and services listed, which taxes will be added to quoted prices where applicable. If payment of any applicable royalty or license fee is required in connection with any service performed by BES for Customer, such royalty or license fee will be billed to the Customer in addition to the price of the services performed.

## Special Pricing Provisions:

All materials listed in the price schedule are F.O.B. our field stock.

All prices are subject to change without notice.

The prices in this price list apply to normal operations. Special jobs under unusual circumstances on jobs requiring unusual mobilization of equipment and/or personnel, such as blowouts, experimental jobs, etc., are to be subject to special price quotations.

Orders for products of special design, size or materials are not subject to cancellation after processing of such order has begun by BES. Equipment altered, made to Customer's specifications, or requiring special handling, is subject to special prices.

If materials or services are ordered and the Customer cancels same after the materials have been prepared, a charge will be made to the Customer for expenses incurred.

Customer states that the well and all support personnel and services not being supplied by BES are ready and in condition to receive the materials and services being supplied by BES. Customer will be subject to a charge for "stand-by" time incurred by BES. For all BES services, stand-by time is all time our equipment is on location prior to commencement of operations or after completion of operations and is not operating for reasons not within the control of BES. Stand-by time is calculated from time of arrival on location or arrival time as scheduled by Customer, whichever is later, and until equipment is released by Customer.

## Towing Charges:

We will make reasonable attempts to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer. In either event, Customer assumes liability for any damages arising from such pulling or arising from inadequate access to the well site.

## Product Return:

Any BES Products that have been in the hands of the Customer, if not special or obsolete, will be accepted for credit, subject to our approval and inspection, if they are new unused and in salable condition. The Customer will pay the return freight, and will receive credit at the original purchase price less the original outbound freight. Any material classified or ordered as special is not subject to return or cancellation privileges.

## Service Warranty:

There are obviously many conditions in and about the well which we can have no knowledge and over which we can have no control. Therefore, we do not guarantee any particular results from services to be performed hereunder. In interpreting information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, BES will give Customer the benefit of its best judgment based on its experience in the field. However, due to the Customer's control of the well the impracticality of providing BES with all the data concerning same, and the necessary reliance of BES upon supporting services, data and facts supplied by others, BES does not guarantee or warrant the accuracy or correctness of any facts, information or data furnished by BES or any interpretation of tests, meter readings, chart information, analysis of research or recommendations made by BES, unless caused by the willful misconduct or gross negligence of BES in the preparation of furnishing of such facts, information or data and NO WARRANTY IS GIVEN CONCERNING THE RECOMMENDATIONS MADE OR SERVICES RENDERED BY THE COMPANY AND NO WARRANTY IS MADE CONCERNING THE RESULTS SOUGHT TO BE OBTAINED THROUGH USE OF MATERIALS RECOMMENDED BY THE COMPANY. The Company's liability for injury to all persons or damage to any property or property rights, including but not limited to reservoir damage sub-surface trespass or drainage, etc., occasioned by reason of materials sold or rented or services performed hereunder shall be limited to those occurring due to the acts of willful misconduct or gross negligence of BES, and Customer agrees to be responsible for and indemnify BES against any loss or damage it may sustain by reason of materials sold or rented or services performed hereunder, unless such loss or damage is caused by the willful misconduct or gross negligence of BES.

## Product Warranty:

BES warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended, and that it can convey good title thereto. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BES's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale of use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on the return to BES or at BES's option, to the allowance to the customer of credit for the cost of such items. In no event shall BES be liable for special, incidental, indirect, punitive or consequential damages.

## Service Conditions:

Because there are so many uncertain and unknown conditions not subject to our control, we can neither be liable for injuries to property or persons nor for loss or damage arising from the performance of our services or resulting therefrom.

BES shall not be liable or responsible for a Customer shall defend, indemnify, and save BES harmless, and its officers, agents or employees, from and against any and all claims or causes of action for damage to Customer's property and of the well owner, or any third person, and for bodily injury, sickness or disease, including death resulting thereof, brought by or on behalf of Customer, the well owner, or any third person, arising out of or in connection with BES's performance of services or the furnishing of materials, products and supplies, unless caused by the willful misconduct or gross negligence of BES.

Customer shall also be responsible for and shall defend, indemnify and save BES harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for damages occur-

ring as a result of sub-surface trespass arising out of any oil well operations or services performed by BES, this provision applying to any claims or legal actions or royalty owners, working interest holders, overriding royalty interest holders, or any other person or concern.

Should any of our equipment, tools or instruments become lost in the well when performing or attempting to perform our services hereunder, it is understood that the Customer shall make reasonable effort to recover the lost equipment. The Customer shall assume the entire responsibility for such fishing operations in the recovery or attempted recovery of any such lost equipment, tools or instruments and if such equipment, tools or instruments are not recovered, Customer shall pay BES its replacement cost unless such loss is due to the sole negligence of BES. If BES's equipment, tools or instruments are damaged in the well, Customer shall pay BES the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of BES.

Work done by BES shall be under the direction, supervision and control of the owner, operator, or his agent and BES will perform the work as an independent contractor and not as an employee or agent of the owner or operator.

The Customer shall at all times have complete care, custody and control of the well, the drilling and production equipment at the well and the premises about the well.

Any delays or failure by BES in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident riot, acts of God, or any contingencies beyond the reasonable control of BES. Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

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Information regarding our services rendered in Customer's well is held in strict confidence and will be released to others only upon written approval by owner, or when required by Federal, State or Local Laws, Regulations, Orders or Ordinances, or for use as evidence in court proceedings involving the subject matter of services rendered.

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ring as a result of sub-surface trespass arising out of any oil well operations or services performed by BES, this provision applying to any claims or legal actions or royalty owners, working interest holders, overriding royalty interest holders, or any other person or concern.

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Failure to enforce any or all of the herein specified terms or conditions in any particular instance shall not constitute a continuing waiver, or preclude subsequent enforcement thereof.

No employee, representative or agent other than an officer of BES is empowered to alter any of the herein specified terms and conditions.

These terms and condition shall be governed by the laws of the State of Texas, and in case of any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, such shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer <b>BECKER OIL</b>	Lease No.	Date <b>10-25-15</b>
Lease <b>OT Hwy</b>	Well #	
Field Order # <b>17912</b>	Station <b>Pa 17H</b>	Casing <b>3 1/2</b>
Type Job <b>CNW 5 1/2 2 STAGE</b>	Formation	Legal Description <b>36-10-7P</b>
	Depth	County <b>THOMAS</b>
		State <b>KS</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<b>5 1/2</b>								
Depth <b>4625</b>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <b>167</b>	Volume	From	To	Pad	Min		10 Min.	
Max Press <b>2500</b>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <b>4617</b>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager <b>DAVE SOFT</b>	Treater <b>Robert Hill</b>
Service Units <b>379000 7-67 86777 1982 19918 1996 19862</b>		
Driver Names <b>Galt Fred</b>	<b>BLAS</b>	<b>MARTINEZ</b>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<b>1:30</b>					<b>on loc</b>
<b>4:00</b>					<b>Truck on loc</b>
					<b>Run 5 1/2 casing w/ DV Tool</b>
<b>5:15</b>					<b>Casing on bottom</b>
<b>5:25</b>					<b>Key circ</b>
<b>6:15</b>	<b>300</b>		<b>7</b>	<b>4</b>	<b>RT CONC</b>
			<b>12</b>		<b>HEAVY FLUID</b>
			<b>2</b>		<b>APPROX</b>
			<b>61</b>	<b>6</b>	<b>TRUCK OUT 1254 H-CAN ON</b>
			<b>31</b>		<b>TRUCK TOLD 1300 50/50 PERCENT</b>
					<b>CAN MIXED SHUT DOWN WASH LINE, PUMP</b>
					<b>Relay Plug</b>
			<b>50</b>	<b>5.5</b>	<b>11. Drop w/ 4"</b>
			<b>68</b>		<b>A GOOD</b>
<b>7:00</b>	<b>1700</b>		<b>107</b>	<b>3.5</b>	<b>Plug shown</b>
<b>7:05</b>					<b>DRIP CROWING TOOL</b>
<b>7:15</b>	<b>700</b>				<b>OPEN DV TOOL</b>
					<b>Plug circ</b>

# BASIC

energy services, L.P.

PAGE 2 of 2

## TREATMENT REPORT

Customer <i>Breckenwell</i>	Lease No.	Date <i>10-25-15</i>
Lease <i>Office</i>	Well #	
Field Order # <i>12912</i>	Station <i>Pratt</i>	Casing <i>3 1/2</i>
Type Job <i>CW 5 1/2 2 9 1/2</i>	Formation	Legal Description <i>36-10-31</i>
	Depth	County <i>Thomas</i>
		State <i>Ks</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>3 1/2</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <i>2522</i>	Depth <i>DV Tool</i>	From	To	Pre Pad		Max		5 Min.
Volume <i>5 3/2</i>	Volume	From	To	Pad		Min		10 Min.
Max Press <i>1500</i>	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth <i>2522</i>	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative: \_\_\_\_\_ Station Manager: *DAVE SOFF* Treater: *1260 full*

Service Units									
Driver Names									

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					<i>DV TOOL <del>2522</del> 2522</i>
<i>9:30</i>	<i>300</i>		<i>2</i>	<i>5.5</i>	<i>START SQUEAL</i>
			<i>160</i>		<i>with cut 325 sk H-CEN - P 11.6</i>
					<i>cut mixed shot down. wash lining, pad</i>
					<i>Water Plug</i>
				<i>6</i>	<i>At Deep</i>
					<i>Wash</i>
<i>10:15</i>	<i>1300</i>		<i>58 1/2</i>	<i>3.5</i>	<i>plug down and cure DV tool</i>
	<i>1500</i>				<i>check fluid back 30 sec cur Pt</i>
			<i>7</i>		<i>plug 12H w/ 20.4 H-CEN</i>
					<i>JOB COMPLETE</i>
					<i>Thank you</i>



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1005109	1718	10/27/2015
<b>INVOICE NUMBER</b>			
<b>91953538</b>			

Pratt (620) 672-1201  
 B BECKER OIL CORPORATION  
 I PO BOX 1150  
 L PONCA CITY  
 L OK US 74602  
 T  
 O ATTN:

J LEASE NAME Ottley 1  
 O LOCATION  
 B COUNTY Thomas  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.		TERMS	DUE DATE
40886712	86779			Net - 30 days	11/26/2015
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<b>For Service Dates: 10/25/2015 to 10/25/2015</b>					
0040886712					
171812912A Cement-New Well Casing/Pi 10/25/2015 Cement Two Stage 5 1/2" Longstring					
A-Con Blend Common		480.00	EA	8.10	3,888.00 T
50/50 POZ		130.00	EA	4.95	643.50 T
Celloflake		153.00	EA	1.66	254.74 T
Calcium Chloride		1,359.00	EA	0.47	642.13 T
Gypsum		550.00	EA	0.34	185.62 T
FLA-322		55.00	EA	3.37	185.62 T
Mud Flush		500.00	EA	0.68	337.50 T
Gilsonite		650.00	EA	0.30	195.97 T
KCL Potassium Chloride		302.00	EA	0.68	203.85 T
"Two Stage Cement Collar, 5 1/2" (Blue)		1.00	EA	2,025.00	2,025.00
"Auto Fill Float Shoe 5 1/2" (Blue)"		1.00	EA	162.00	162.00
"Turbolizer, 5 1/2" (Blue)"		13.00	EA	49.50	643.50
"5 1/2" Basket (Blue)"		1.00	EA	130.50	130.50
"Unit Mileage Chg (PU, cars one way)"		100.00	MI	2.03	202.50
Heavy Equipment Mileage		300.00	MI	3.38	1,012.50
"Proppant & Bulk Del. Chgs., per ton mil		2,815.00	EA	1.12	3,166.87
Depth Charge; 4001'-5000'		1.00	EA	1,134.00	1,134.00
Blending & Mixing Service Charge		610.00	BAG	0.63	384.30
Plug Container Util. Chg.		1.00	EA	112.50	112.50
"Service Supervisor, first 8 hrs on loc.		1.00	EA	78.77	78.77

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	15,589.37
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	490.27
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	16,079.64
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		