Notice: *Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.*

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1311756

WELL PLUGGING RECORD

K.A.R. 82-3-117

Form CP-4
March 2009
Type or Print on this Form
Form must be Signed
All blanks must be Filled

OPERATOR: License #: 33605
Name: Joe Gerstner Oil, LLC
Address 1: PO BOX 509
Address 2:
City: NESS CITY State: KS Zip: 67560 + ____
Contact Person: Debra Stenzel
Phone: (785) 798-2346
Type of Well: *(Check one)* ☐ Oil Well ☐ Gas Well ☐ OG ☑ D&A ☐ Cathodic
☐ Water Supply Well ☐ Other: ☐ SWD Permit #:
☐ ENHR Permit #: ☐ Gas Storage Permit #:
Is ACO-1 filed? ☑ Yes ☐ No If not, is well log attached? ☐ Yes ☐ No
Producing Formation(s): List All *(If needed attach another sheet)*
Depth to Top: Bottom: T.D.
Depth to Top: Bottom: T.D.
Depth to Top: Bottom: T.D.

API No. 15 - 15-135-25912-00-00
Spot Description:
SE - NE - SE - SW Sec. 17 Twp. 18 S. R. 24 ☐ East ☑ West
741 Feet from ☐ North / ☑ South Line of Section
2357 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
County: Ness
Lease Name: Vernon Well #: 1
Date Well Completed:
The plugging proposal was approved on: 06/10/2016 *(Date)*
by: *(KCC **District** Agent's Name)*
Plugging Commenced: 06/10/2016
Plugging Completed: 06/10/2016

Show depth and thickness of all water, oil and gas formations.

Oil, Gas or Water Records		*Casing Record (Surface, Conductor & Production)*			
Formation	Content	Casing	Size	Setting Depth	Pulled Out
		Surface	8.625	211	0

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

250 sx 60/40 pozmix (4% gel) through 4.5" drill pipe. Plugs- 50 sk @1660', 80 sk @ 870', 50 sk @ 250', 20 sk @ 60', 30 sk in rat hole/ 20 sk mouse hole

Plugging Contractor License #: 32382 Name: Swift Services, Inc.
Address 1: PO BOX 466 Address 2: N HWY 283
City: NESS CITY State: KS Zip: 67560 + 0466
Phone: (785) 798-2300
Name of Party Responsible for Plugging Fees: Joe Gerstner Oil, LLC
State of Kansas County, Ness , ss.
Debra Stenzel *(Print Name)* ☐ Employee of Operator or ☑ Operator on above-described well,

being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.

Submitted Electronically

COMPENSATED DENSITY NEUTRON LOG

Company Joe Gerstner Oil, LLC.
Well Vernon #1
Field Unnamed
County Ness State Kansas

Location: API # : 15 135 25912

741' FSL & 2357' FWL

SEC 17 TWP 18S RGE 24W

Other Services
DIL
ML
BCS

Elevation
K.B. 2321'
D.F. 2320'
G.L. 2316'

Permanent Datum Ground Level Elevation 2316'
Log Measured From KB 5' AGL
Drilling Measured From KB

Company Joe Gerstner Oil, LLC.
Well Vernon #1
Field Unnamed
County Ness
State Kansas

Date	6-10-16		
Run Number	One		
Depth Driller	4430'		
Depth Logger	4433'		
Bottom Logged Interval	4410'		
Top Log Interval	3400'		
Casing Driller	8 5/8" @ 219'		
Casing Logger	219'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.4/54		
pH / Fluid Loss	8.0/11.6		
Source of Sample	Pit		
Rm @ Meas. Temp	2.6@74degf		
Rmf @ Meas. Temp	1.95@74degf		
Rmc @ Meas. Temp	3.12@74degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	1.6@120degf		
Time Circulation Stopped	10:00 p.m.		
Time Logger on Bottom	12:15 a.m.		
Maximum Recorded Temperature	120degf		
Equipment Number	T127		
Location	Hays, KS		
Recorded By	Gus Pfanenstiel		
Witnessed By	Mr. Andrew Stenzel		

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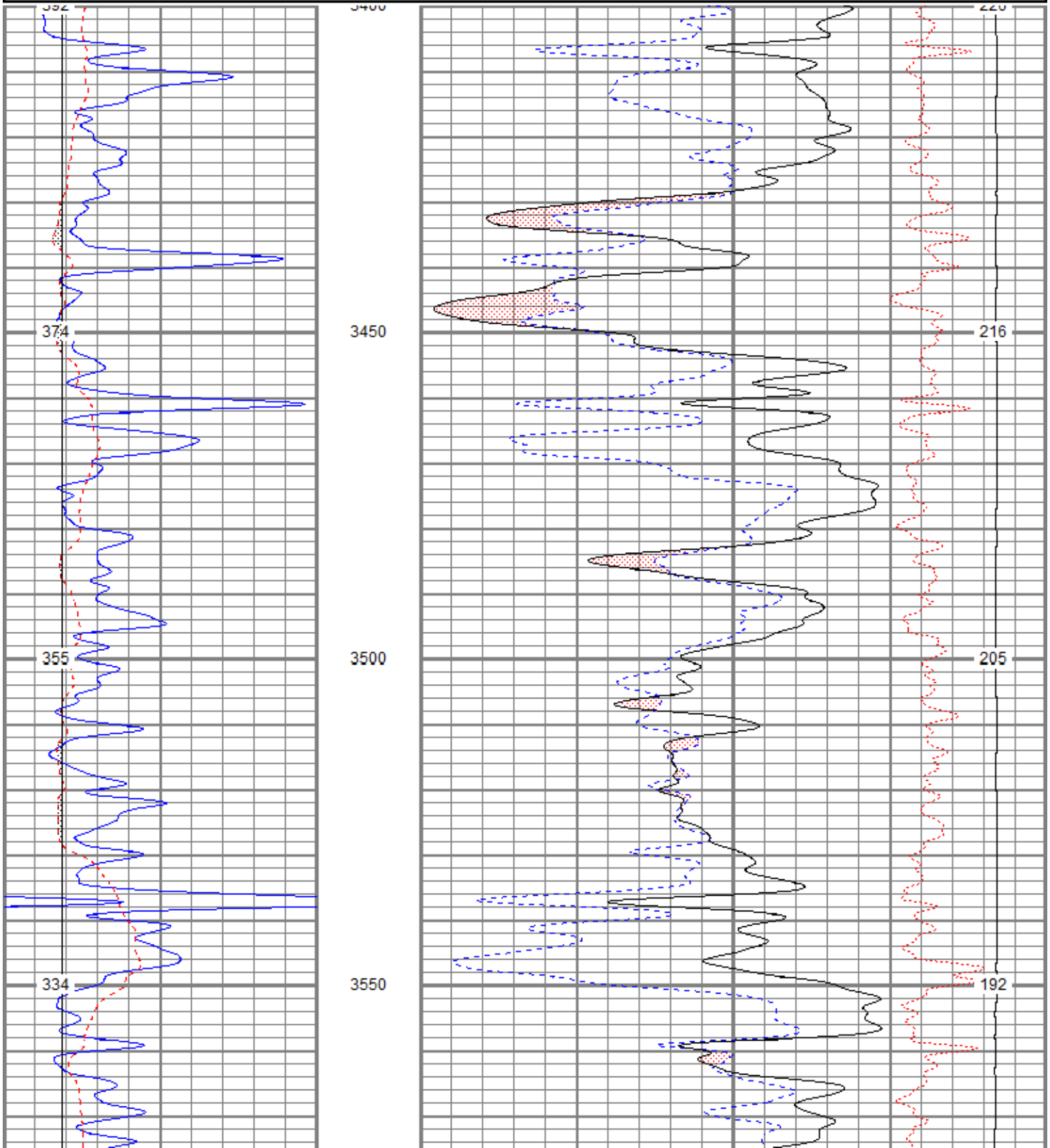
Comments

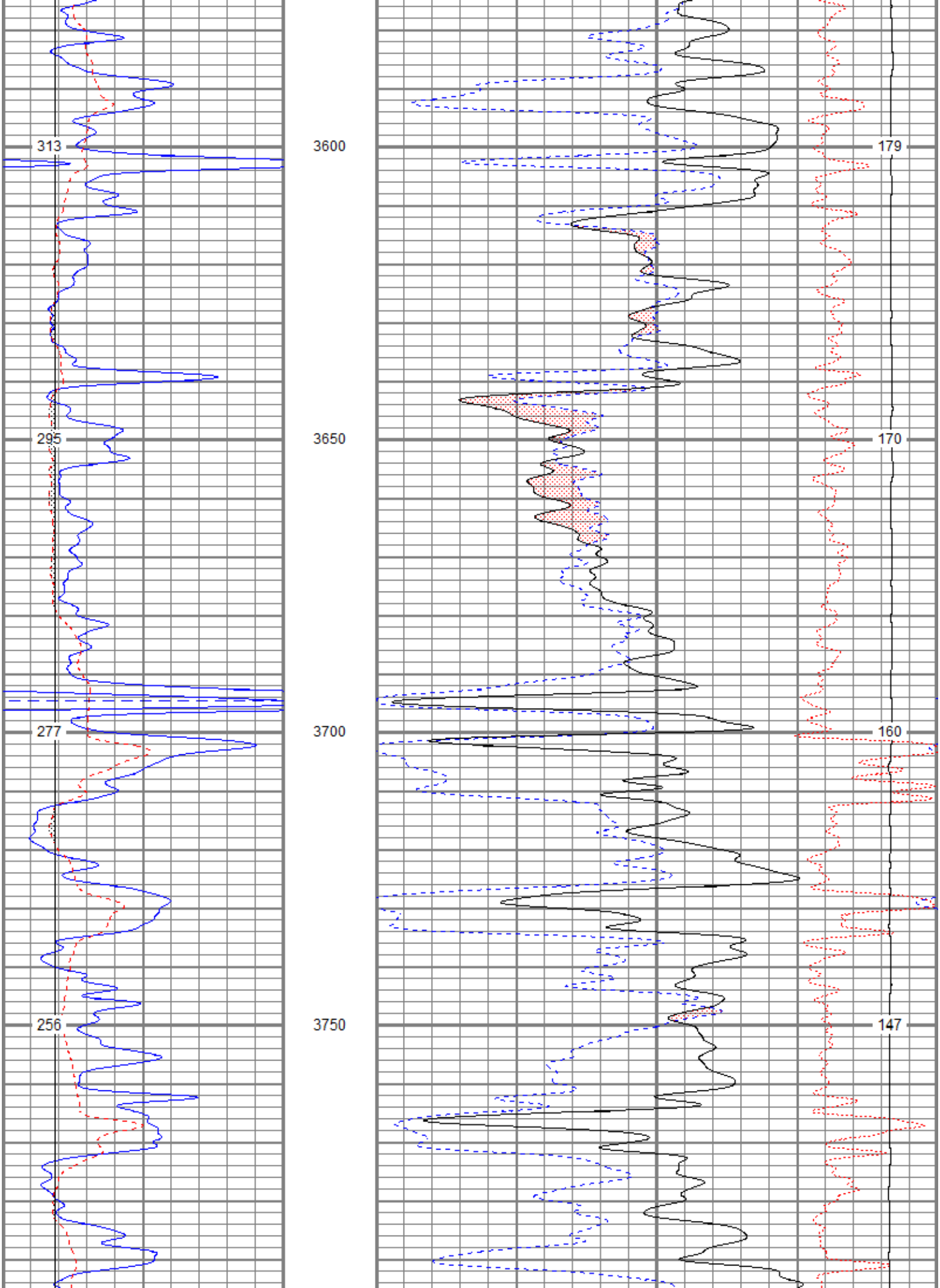
Main Pass

Database File	jgvernon#1oh.db
Dataset Pathname	pass2cdnl
Presentation Format	kcdnl
Dataset Creation	Fri Jun 10 01:13:34 2016
Charted by	Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16
TBHV (ft3)		

30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30
-0.25	RHOC (g/cc)	0.25
8000	LTEN (lb)	0
	ABHV (ft3)	

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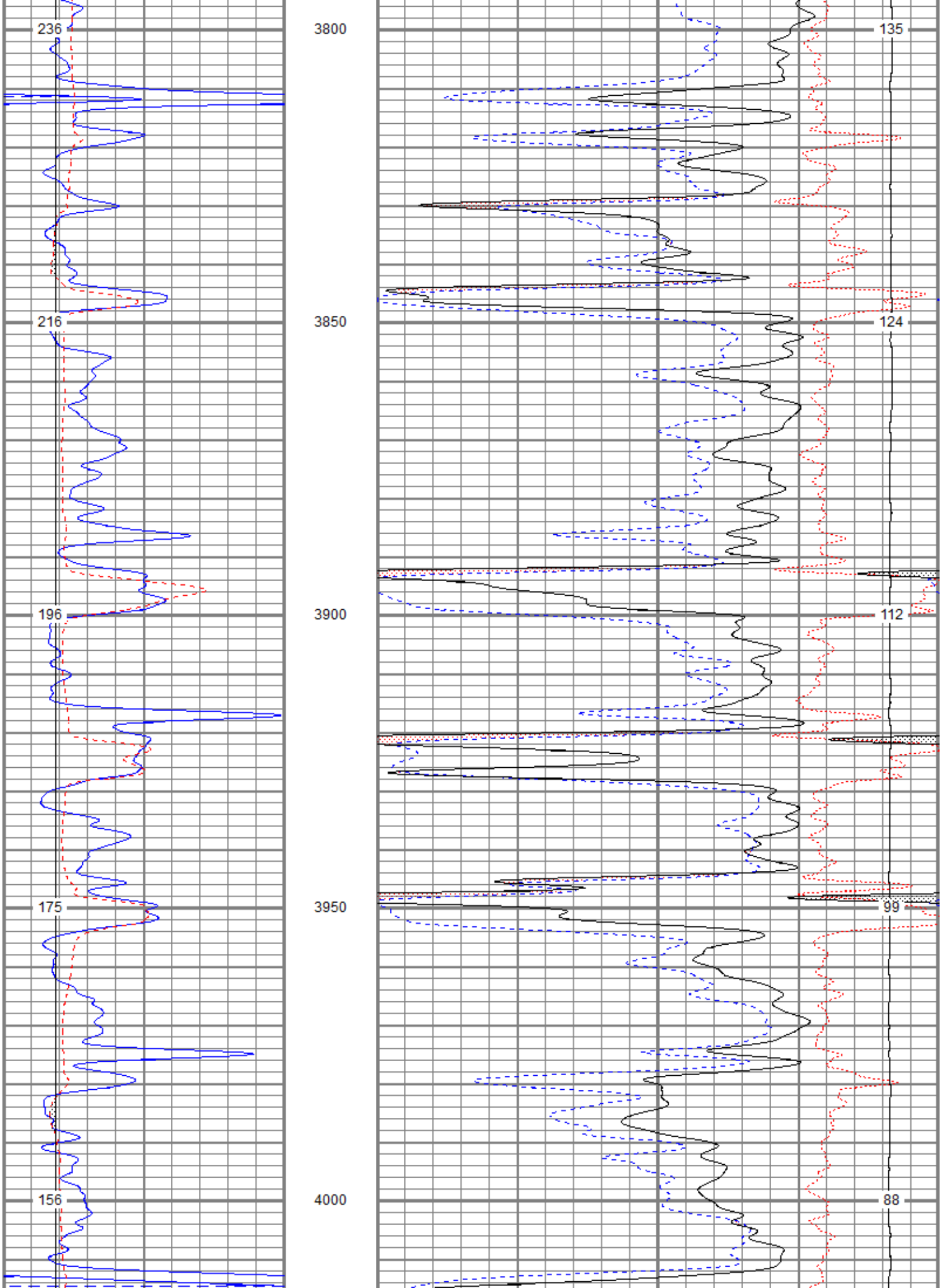
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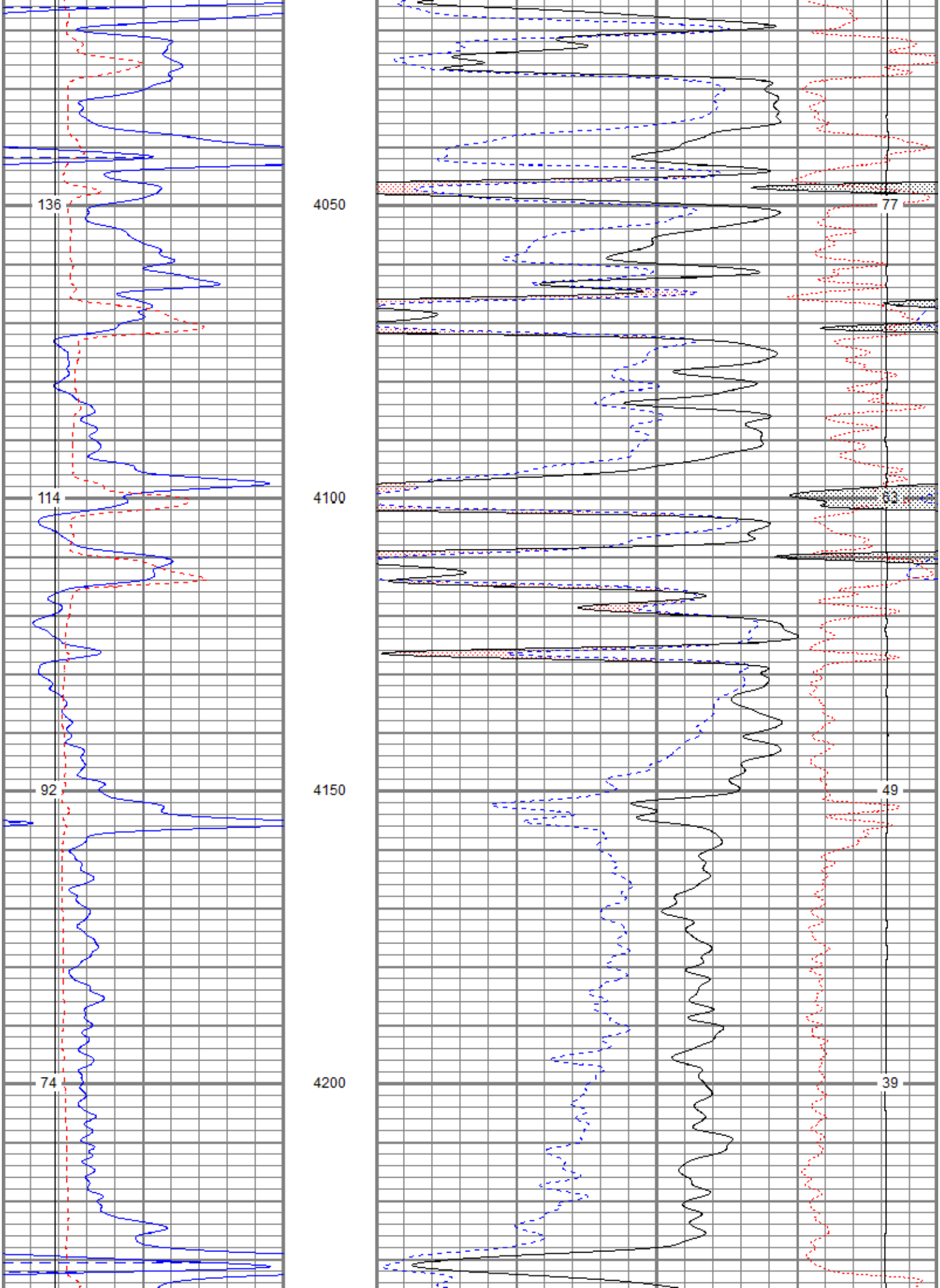
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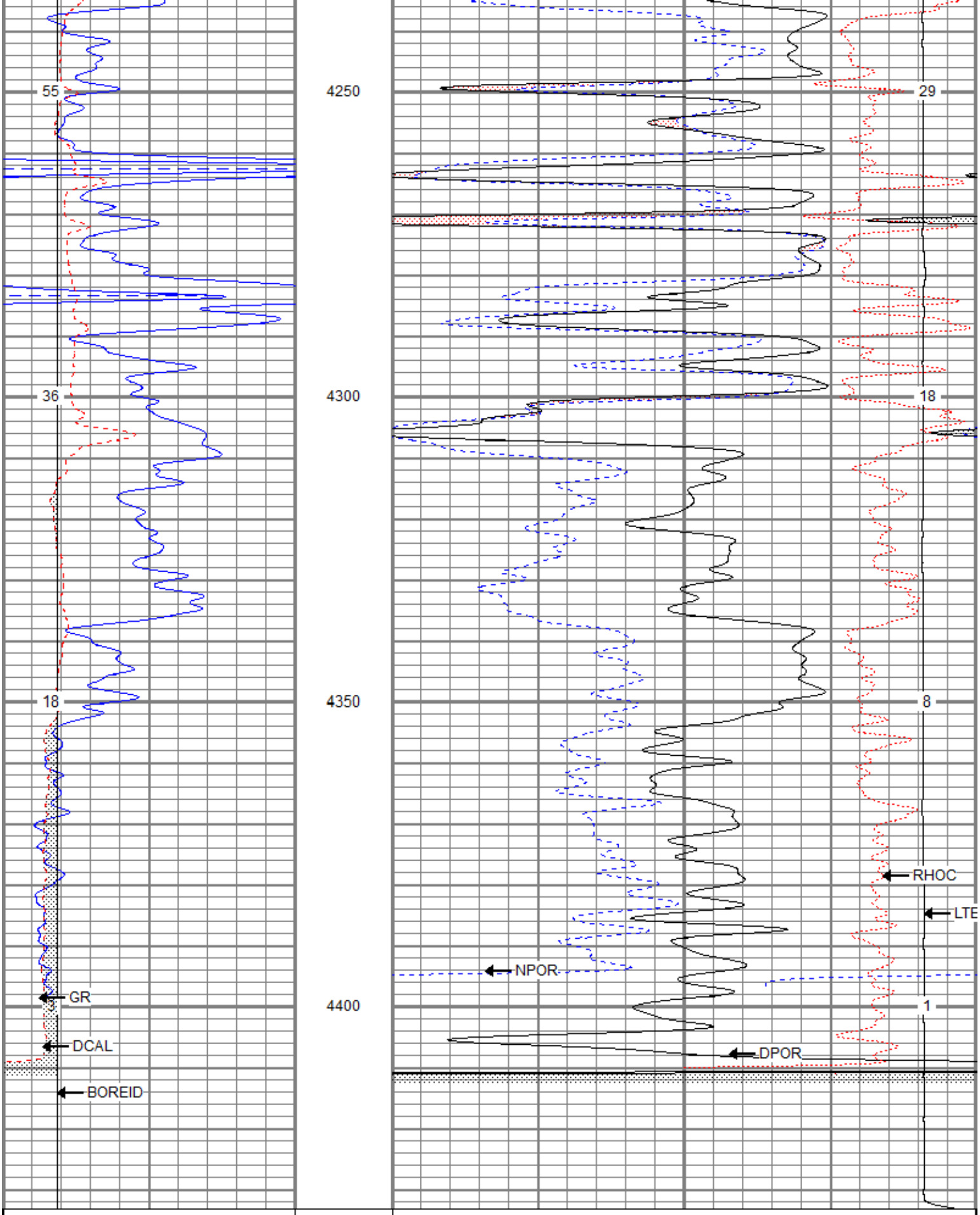


0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16
TBHV (ft3)		

30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30
-0.25	RHOC (g/cc)	0.25
8000	LTEN (lb)	0

ABHV (ft3)

Repeat Pass

Database File	jgvernon#1oh.db
Dataset Pathname	pass3
Presentation Format	kcdnl
Dataset Creation	Fri Jun 10 01:19:03 2016
Charted by	Depth in Feet scaled 1:240

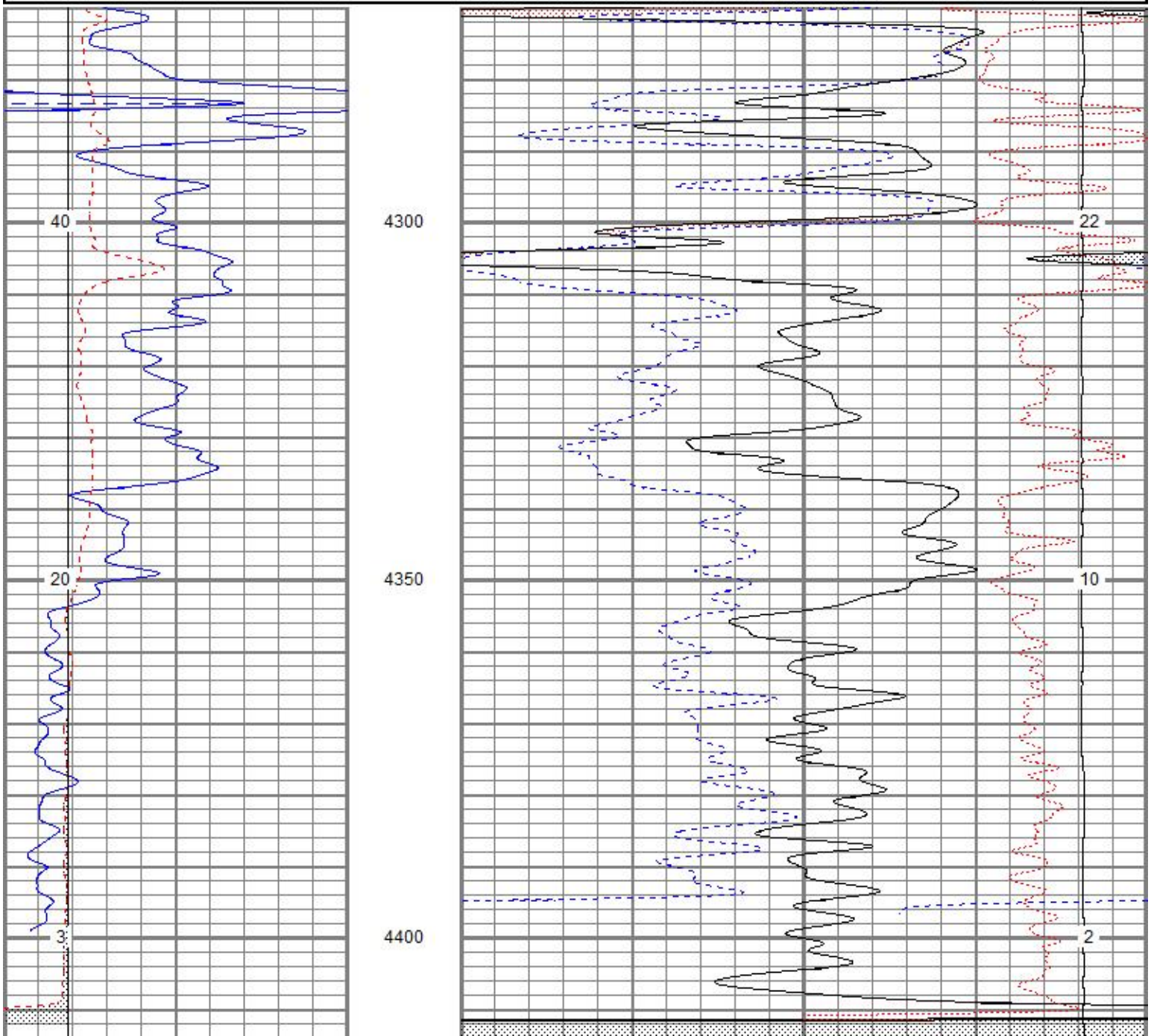
0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16

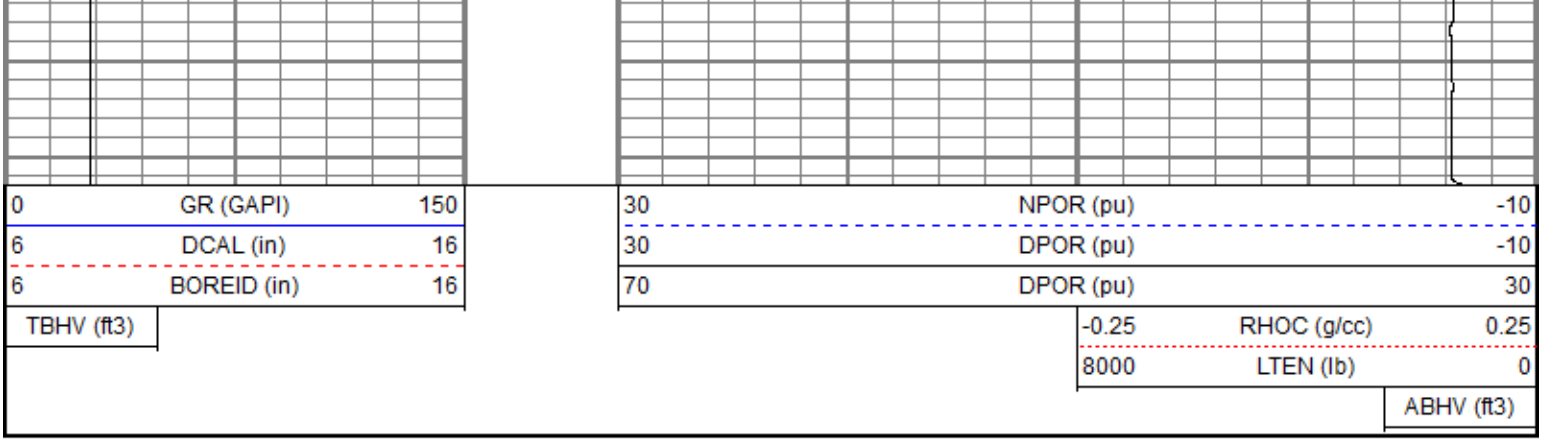
TBHV (ft3)

30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30

-0.25	RHOC (g/cc)	0.25
8000	LTEN (lb)	0

ABHV (ft3)





Calibration Report

Database File	jgvernon#1oh.db
Dataset Pathname	pass3
Dataset Creation	Fri Jun 10 01:19:03 2016

Dual Induction Calibration Report

Serial-Model:	080522-Probe
Surface Cal Performed:	Mon Mar 14 11:26:37 2016
Downhole Cal Performed:	Mon Mar 14 11:26:40 2016
After Survey Verification Performed:	Mon Mar 14 11:26:42 2016

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.040	0.651	V	0.000	400.000	mmho/m	578.981	22.871
Medium	-0.028	0.742	V	0.000	464.000	mmho/m	602.582	16.690
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-0.016	0.653	V	0.000	400.000	mmho/m	598.311	9.396
Medium	-0.025	0.747	V	0.000	464.000	mmho/m	601.262	14.808

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	6.834	401.088	mmho/m	13.778	400.855	mmho/m	0.982	7.068
Medium	-2.964	468.230	mmho/m	1.850	466.869	mmho/m	0.987	4.775
LL3		7.145	V		750.000	Ohm-m		
		0.016	V		12.000	Ohm-m		
		-7.248	V		3745.000	mmho-m		

After Survey Verification

	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	6.834	401.088	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	-2.964	468.230	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		750.000	Ohm-m		
		0.000	Ohm-m		12.000	Ohm-m		
		0.000	mmho-m		3745.000	mmho-m		

Compensated Density Calibration Report

Serial-Model:	2388DHT-DHT
Source / Verifier:	csv j12 / csv j12
Master Calibration Performed:	Fri Aug 01 09:45:19 2014
Before Survey Verification Performed:	
After Survey Verification Performed:	

Master Calibration

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.750	g/cc	668.56	327.82	cps
Aluminum	2.650	g/cc	125.78	203.67	cps

Spine Angle = 74.10 Density/Spine Ratio = 0.518

	Size		Reading
Small Ring	7.60	in	5695.86
Large Ring	14.00	in	9900.52

Before Survey Verification

Target		Measured	
	g/cc		g/cc
	g/cc		g/cc
	g/cc		g/cc

After Survey Verification

Target		Measured	
	g/cc		g/cc
	g/cc		g/cc
	g/cc		g/cc

Gamma Ray Calibration Report

Serial Number:	2001	
Tool Model:	OH	
Performed:	Thu Jan 21 09:36:03 2016	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2400	GAPI/cps

Neutron Calibration Report

Serial Number:	5108	
Tool Model:	PROBE	
Performed:	Thu Jan 21 09:36:17 2016	
Calibrator Value:	1	NAPI
Calibrator Reading:	1	cps
Sensitivity:	1	NAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-None	0.75	1.50	5.00
NEU	38.26		NEU-PROBE (5108) Probe	4.92	3.63	85.00
GR	32.32		GR-OH (2001) 2001	3.56	3.25	40.00
			CDL-DHT (2388DHT) Digital High Temp CDL Tool	9.69	4.00	201.00
LSD	23.78					
DCAL	23.49					
SSD	23.24					
HEADVOLT	21.47					

SP	10.60		DIL-Probe (080522) Probe Dual Induction	21.47	4.00	345.00
CILD	10.60					
CILM	6.89					
RLL3	1.70					

Dataset:	jgvernon#1oh.db: field/well/run1/pass3
Total length:	40.39 ft
Total weight:	676.00 lb
O.D.:	4.00 in

MICRO RESISTIVITY LOG

Company Joe Gerstner Oil, LLC.
Well Vernon #1
Field Unnamed
County Ness State Kansas

Location: API # : 15 135 25912

741' FSL & 2357' FWL

SEC 17 TWP 18S RGE 24W

Other Services
CDNL
DIL
BCS

Elevation
K.B. 2321'
D.F. 2320'
G.L. 2316'

Permanent Datum	Ground Level
Elevation	2316'
Log Measured From	KB 5' AGL
Drilling Measured From	KB

Date	6-10-16		
Run Number	Two		
Depth Driller	4430'		
Depth Logger	4433'		
Bottom Logged Interval	4415'		
Top Log Interval	3400'		
Casing Driller	8 5/8" @ 219'		
Casing Logger	219'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.4/54		
pH / Fluid Loss	8.0/11.6		
Source of Sample	Pit		
Rm @ Meas. Temp	2.6@74degf		
Rmf @ Meas. Temp	1.95@74degf		
Rmc @ Meas. Temp	3.12@74degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	1.6@120degf		
Time Circulation Stopped	10:00 p.m.		
Time Logger on Bottom	2:15 a.m.		
Maximum Recorded Temperature	120degf		
Equipment Number	T127		
Location	Hays, KS		
Recorded By	Gus Pfanenstiel		
Witnessed By	Mr. Andrew Stenzel		

Company Joe Gerstner Oil, LLC.
Well Vernon #1
Field Unnamed
County Ness
State Kansas

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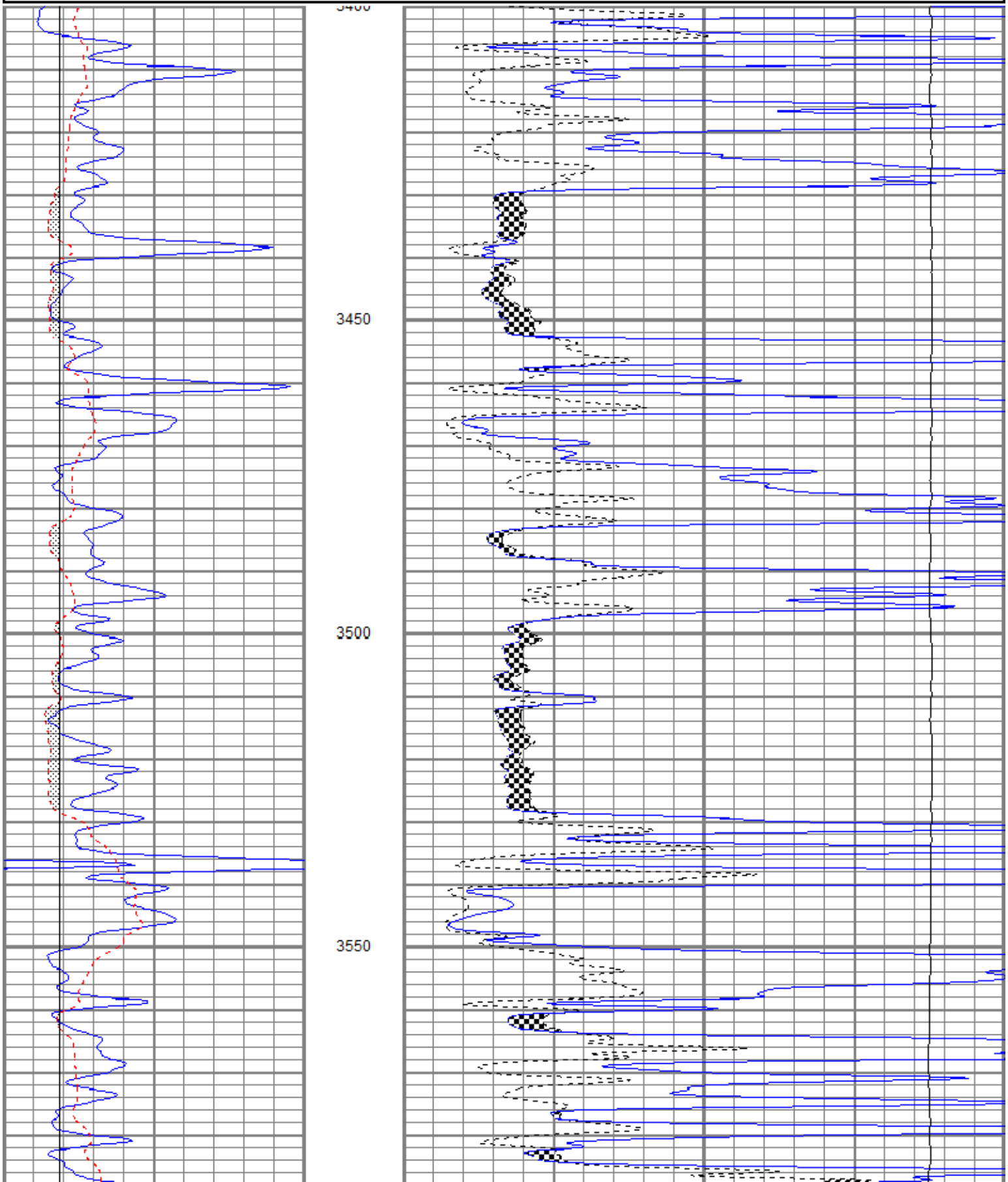
Comments

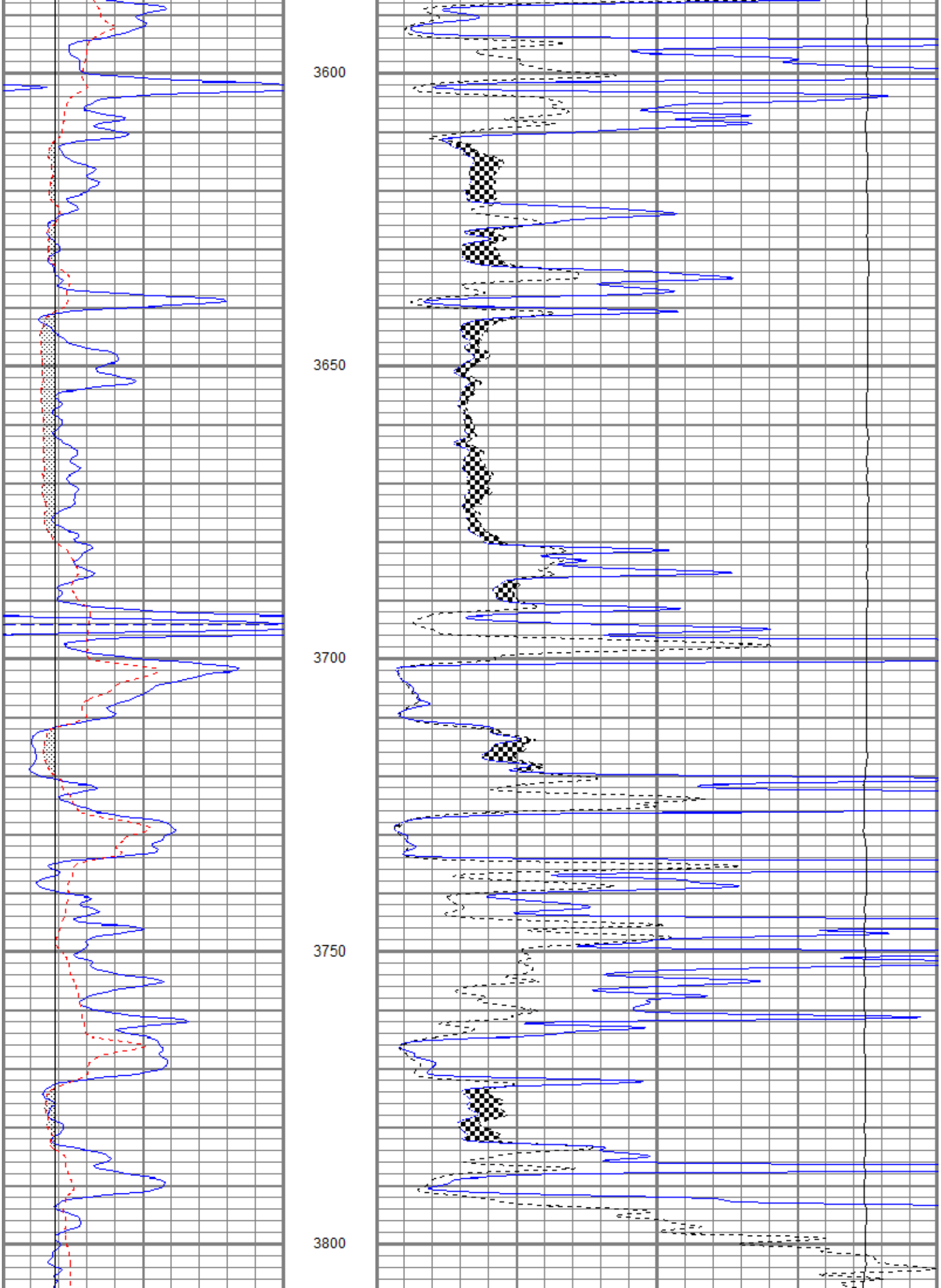
Main Pass

Database File	jgvernon#1oh.db
Dataset Pathname	pass5.1
Presentation Format	kml
Dataset Creation	Fri Jun 10 03:18:05 2016
Charted by	Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16

0	MN 2" (Ohm-m)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0

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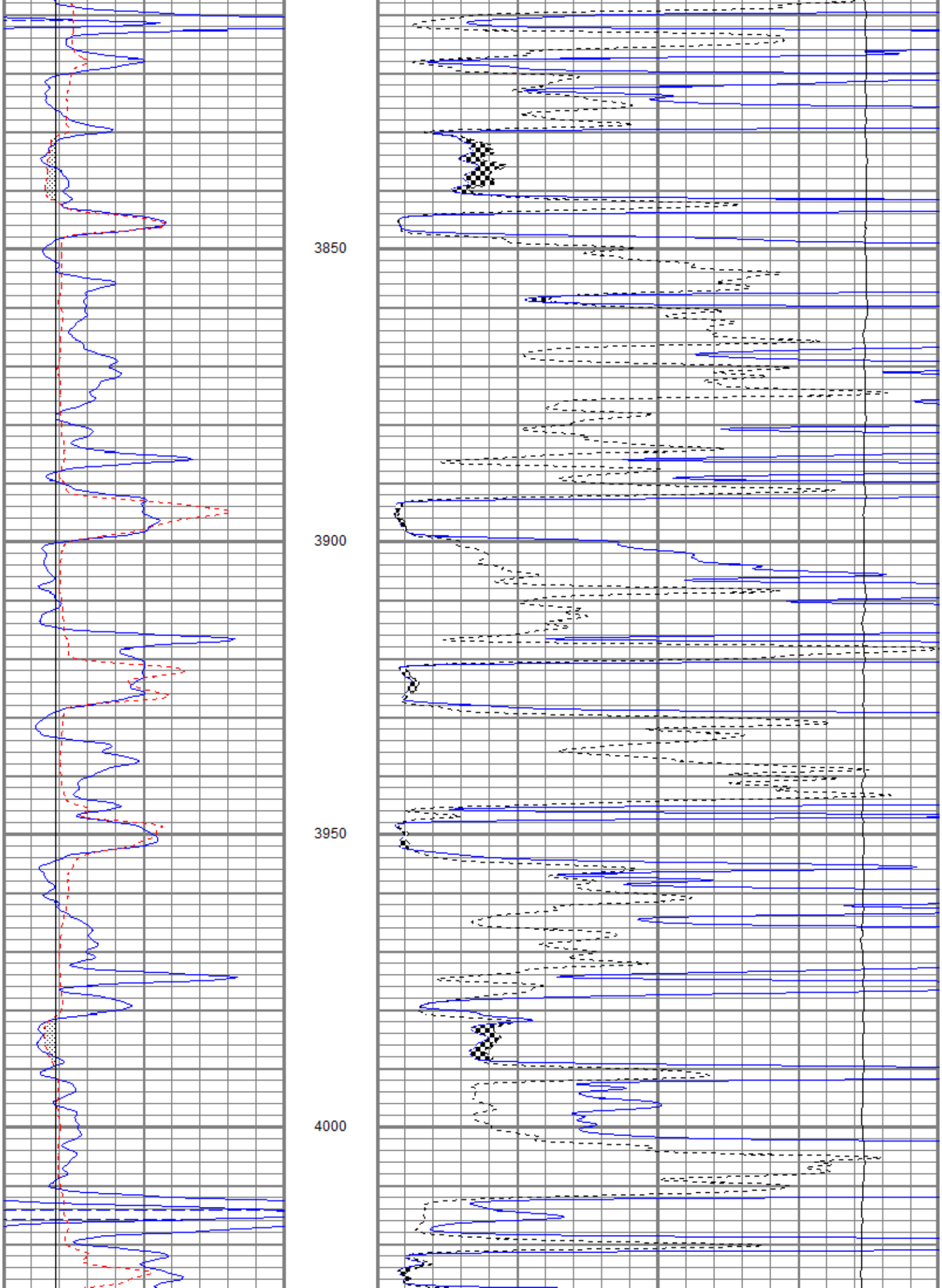
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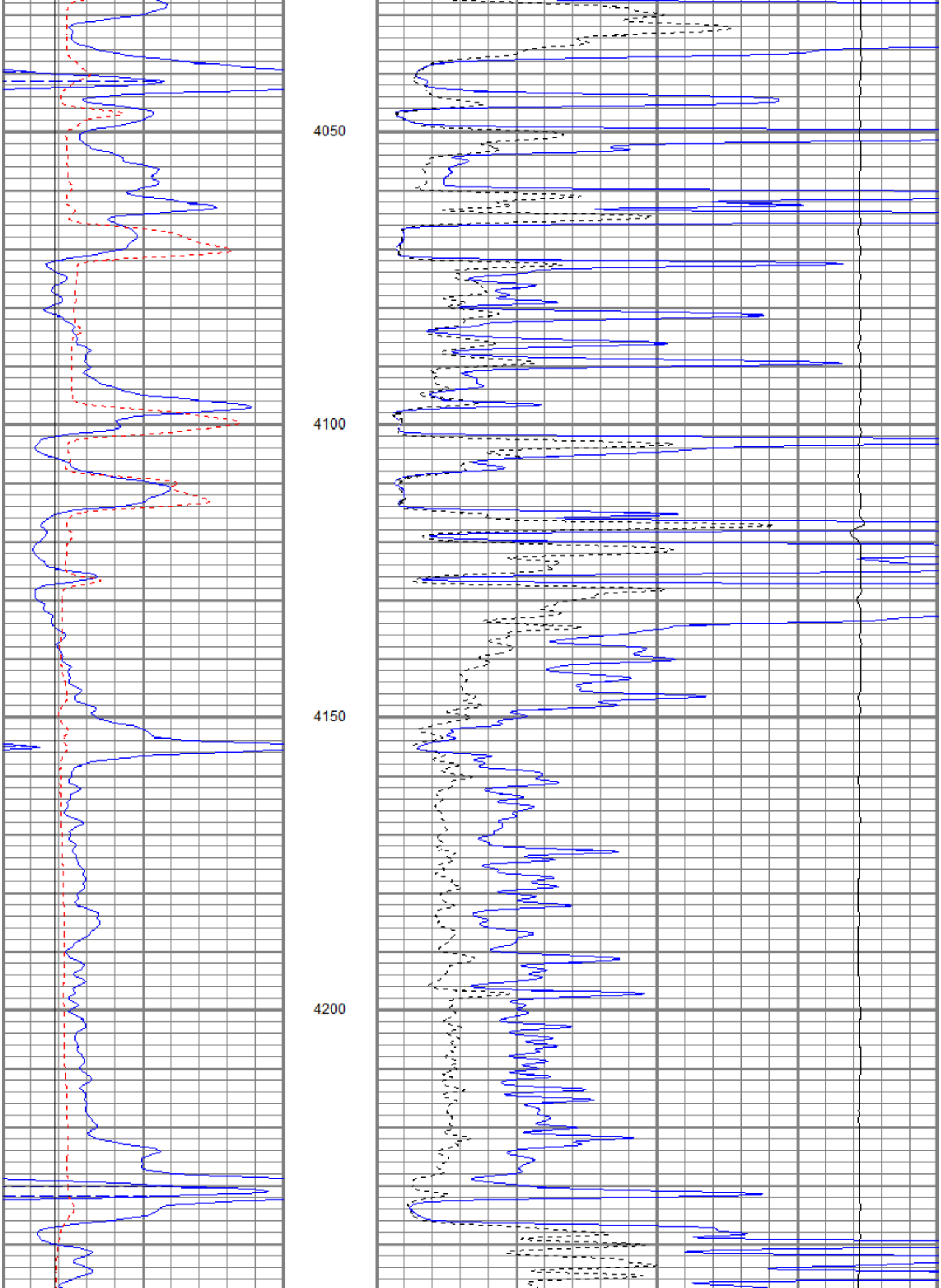
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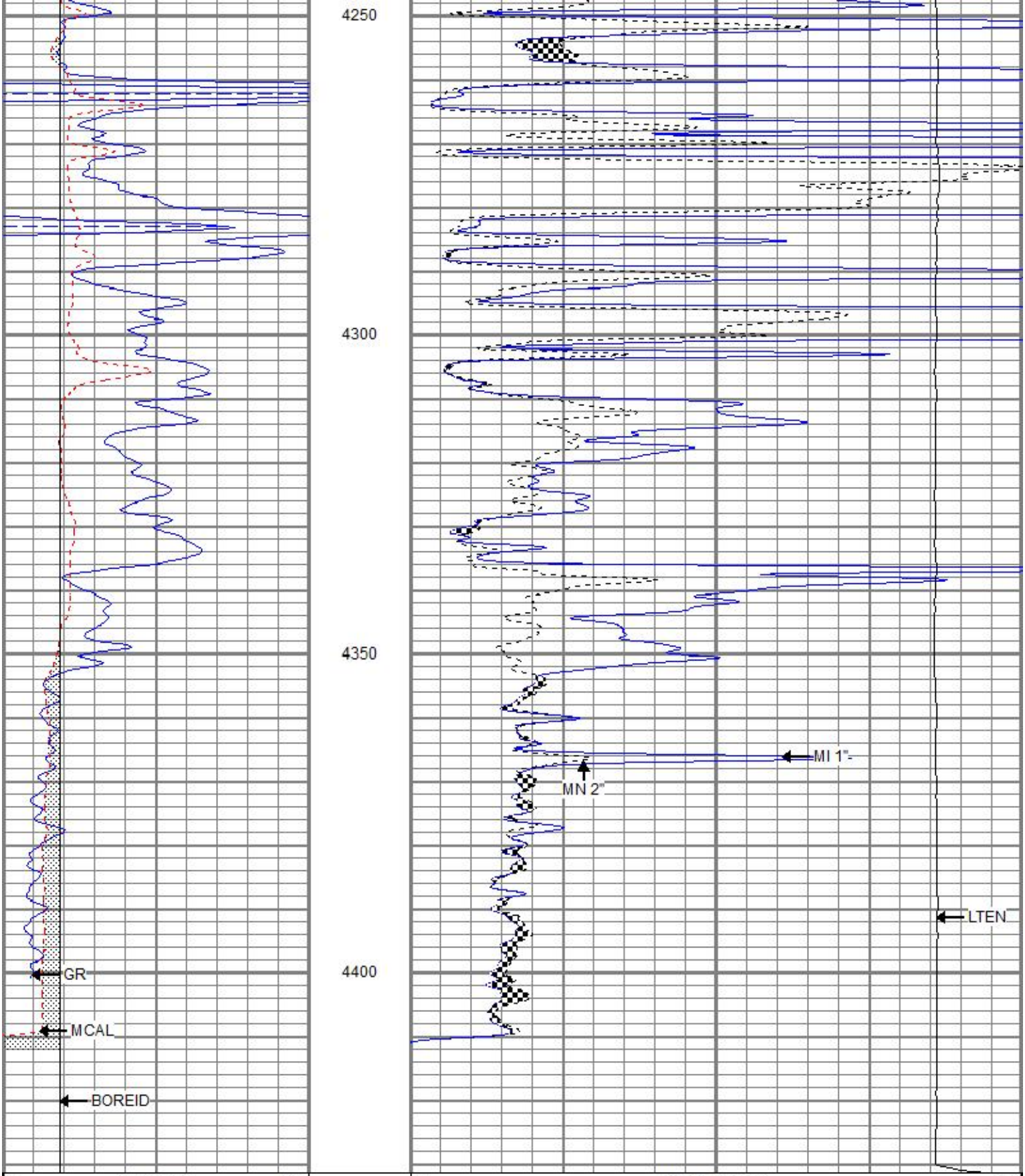


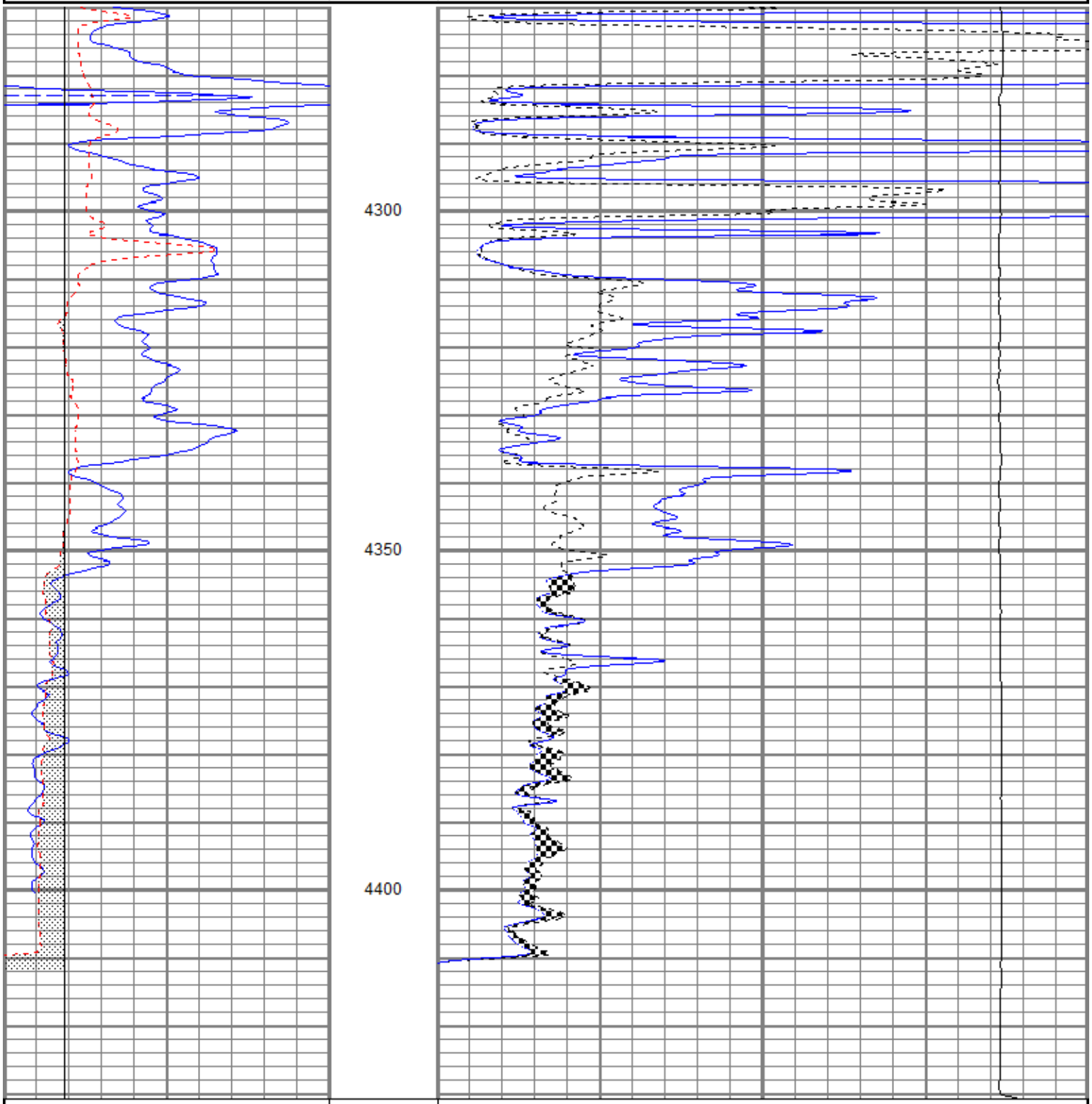
GEMINI WIRELINE

Repeat Pass

Database File	jgvernon#1oh.db
Dataset Pathname	pass4
Presentation Format	kml
Dataset Creation	Fri Jun 10 02:15:30 2016
Charted by	Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16

0	MN 2" (Ohm-m)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0



0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16

0	MN 2" (Ohm-m)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0

Calibration Report

Calibration Report

Database File	jgvernon#1oh.db
Dataset Pathname	pass4
Dataset Creation	Fri Jun 10 02:15:30 2016

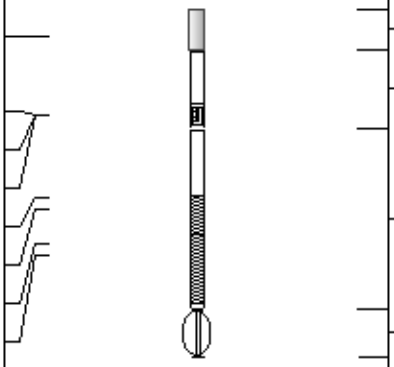
Microlog Calibration Report

Serial-Model:	012-Pengo
Performed:	Wed Apr 20 21:39:52 2016

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0073	0.4397	V	0.0000	11.0000	Ohm-m	25.4408	-0.1852
Inverse	0.0081	0.5639	V	0.0000	7.7000	Ohm-m	13.8555	-0.1129
Caliper	2.0536	4.5712	V	7.5000	16.0000	in	3.3761	0.5669

Gamma Ray Calibration Report

Serial Number:	2001	
Tool Model:	OH	
Performed:	Thu Jan 21 09:36:03 2016	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2400	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	27.88		GR-OH (2001) 2001	3.56	3.25	40.00
MCAL	21.05		ML-Pengo (012)	6.97	3.50	100.00
MI	21.05					
MN	21.05					
WVF4	13.79		SLT-G (101127) Sonic	15.71	3.50	250.00
WVF3	12.79					
WVF2	9.79					
WVF1	8.79		CENT-OHshort Open Hole short centralizer	4.04	3.50	50.00

Dataset:	jgvernon#1oh.db: field/well/run1/pass4
Total length:	30.28 ft
Total weight:	440.00 lb
O.D.:	3.50 in

DUAL INDUCTION LOG

Company Joe Gerstner Oil, LLC.
Well Vernon #1
Field Unnamed
County Ness State Kansas

Location: API # : 15 135 25912

741' FSL & 2357' FWL

SEC 17 TWP 18S RGE 24W

Other Services
CDNL
ML
BCS

Elevation
K.B. 2321'
D.F. 2320'
G.L. 2316'

Permanent Datum Ground Level Elevation 2316'
Log Measured From KB 5' AGL
Drilling Measured From KB

Company Joe Gerstner Oil, LLC.
Well Vernon #1
Field Unnamed
County Ness
State Kansas

Date	6-10-16		
Run Number	One		
Depth Driller	4430'		
Depth Logger	4433'		
Bottom Logged Interval	4431'		
Top Log Interval	200'		
Casing Driller	8 5/8" @ 219'		
Casing Logger	219'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.4/54		
pH / Fluid Loss	8.0/11.6		
Source of Sample	Pit		
Rm @ Meas. Temp	2.6@74degf		
Rmf @ Meas. Temp	1.95@74degf		
Rmc @ Meas. Temp	3.12@74degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	1.6@120degf		
Time Circulation Stopped	10:00 p.m.		
Time Logger on Bottom	12:15 a.m.		
Maximum Recorded Temperature	120degf		
Equipment Number	T127		
Location	Hays, KS		
Recorded By	Gus Pfanenstiel		
Witnessed By	Mr. Andrew Stenzel		

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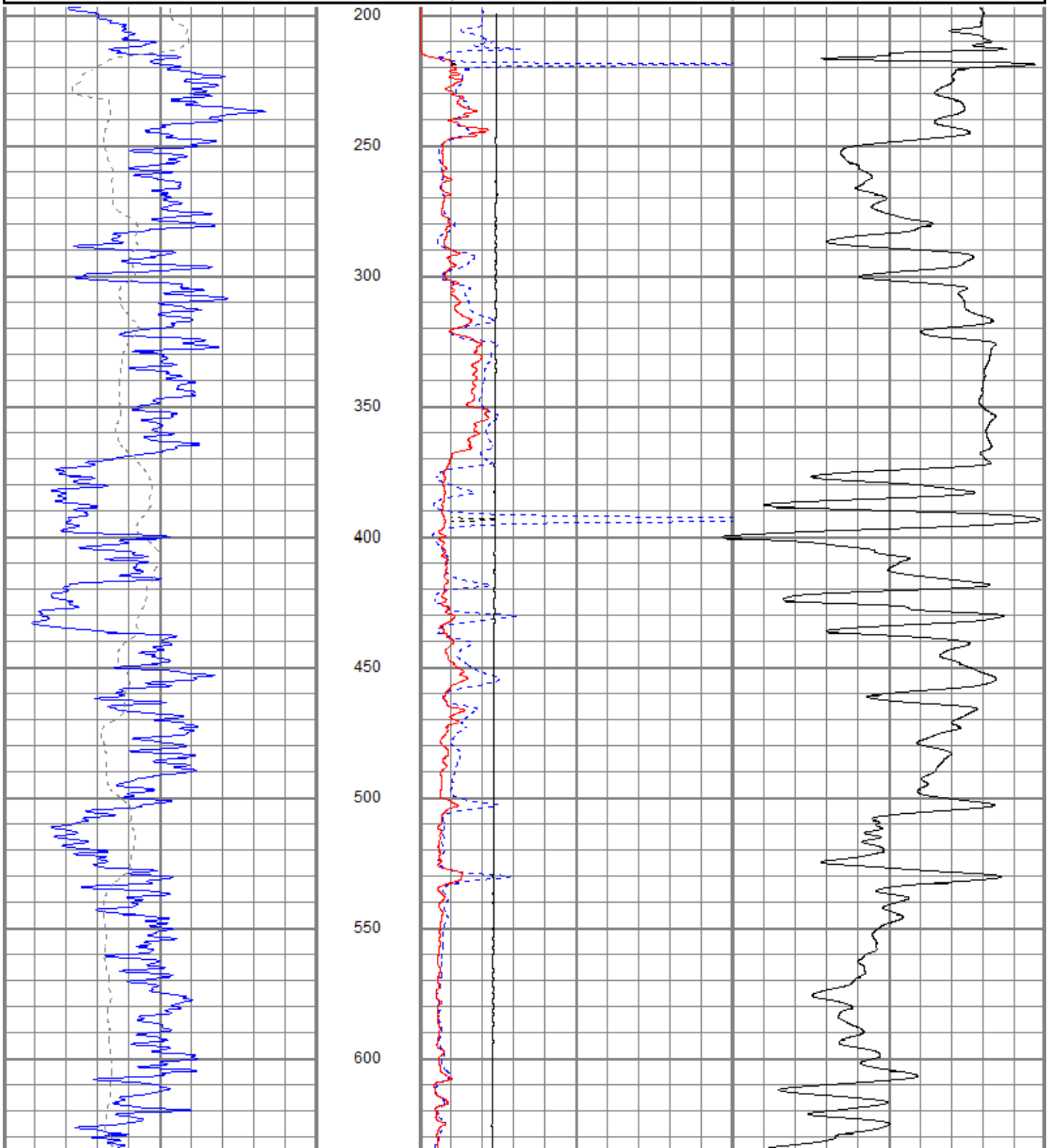
Comments

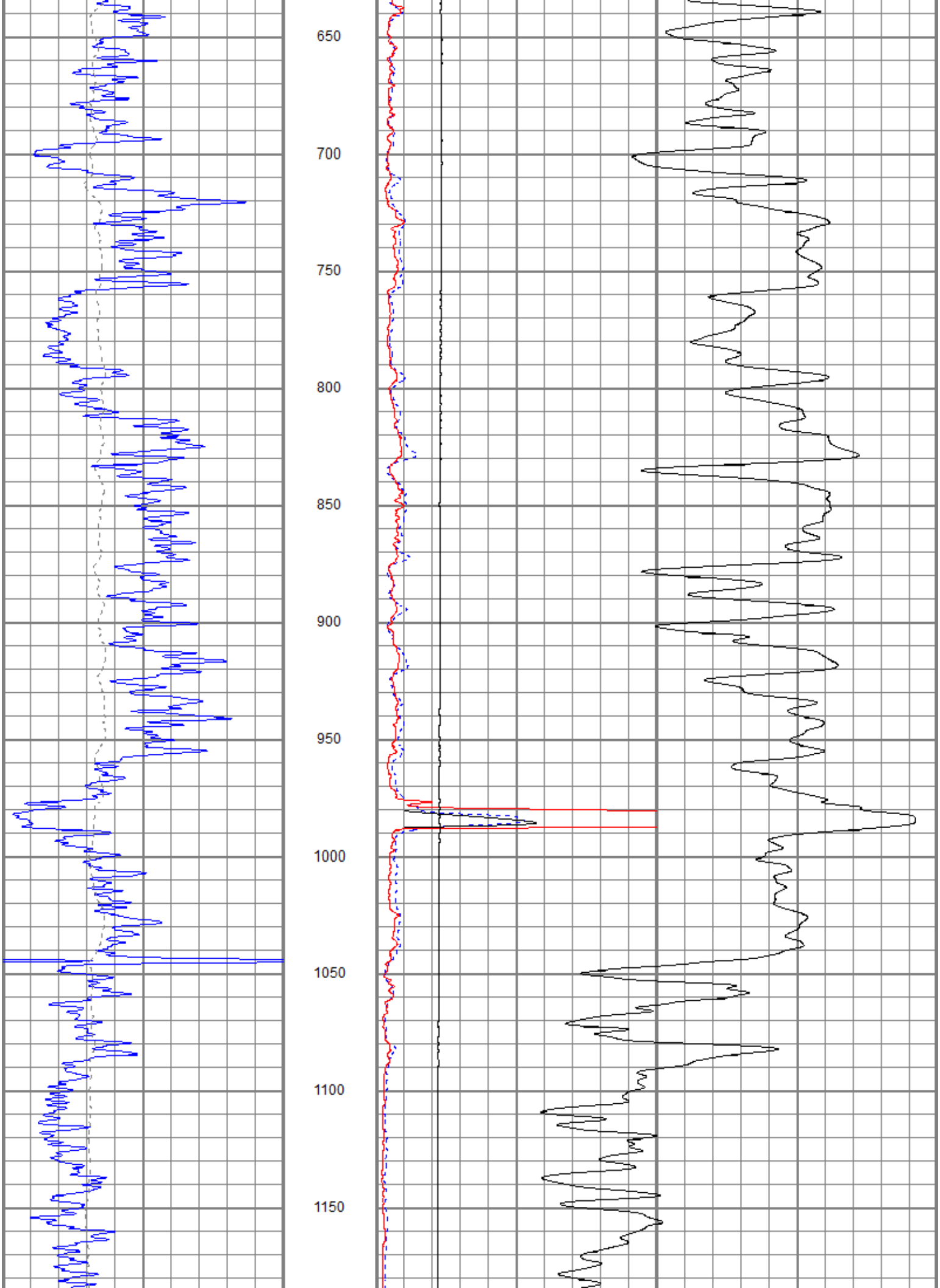
Main Pass

Database File	jgvernon#1oh.db
Dataset Pathname	pass2cdnl
Presentation Format	kdillin2
Dataset Creation	Fri Jun 10 01:13:34 2016
Charted by	Depth in Feet scaled 1:600

0	GR (GAPI)	150
-200	SP (mV)	0

1000	CILD (mmho/m)	0
10000	LTEN (lb)	0
0	RILD (Ohm-m)	50
0	RLL3 (Ohm-m)	50
50	RILD x 10 (Ohm-m)	500
50	RLL3 x 10 (Ohm-m)	500

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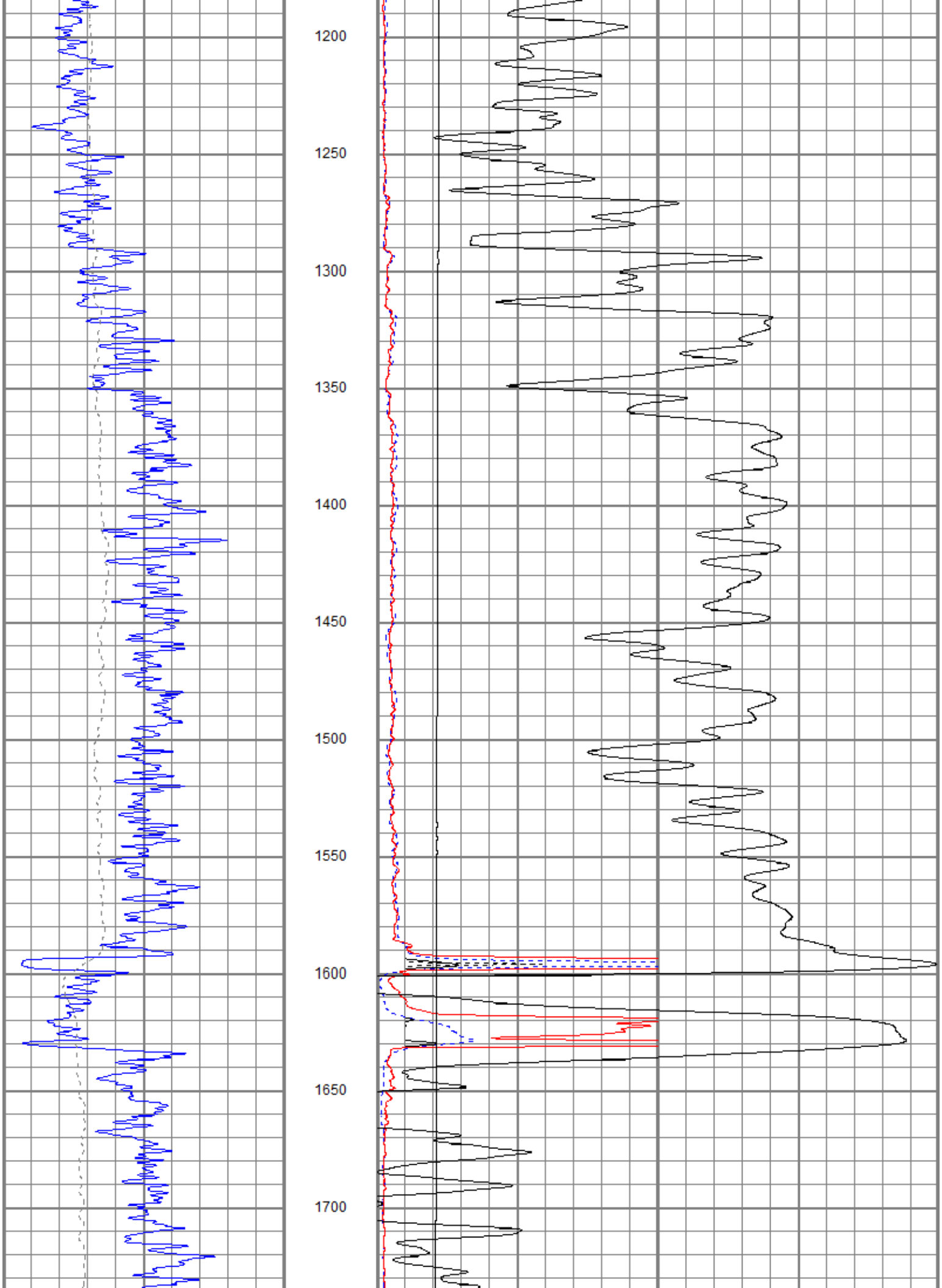
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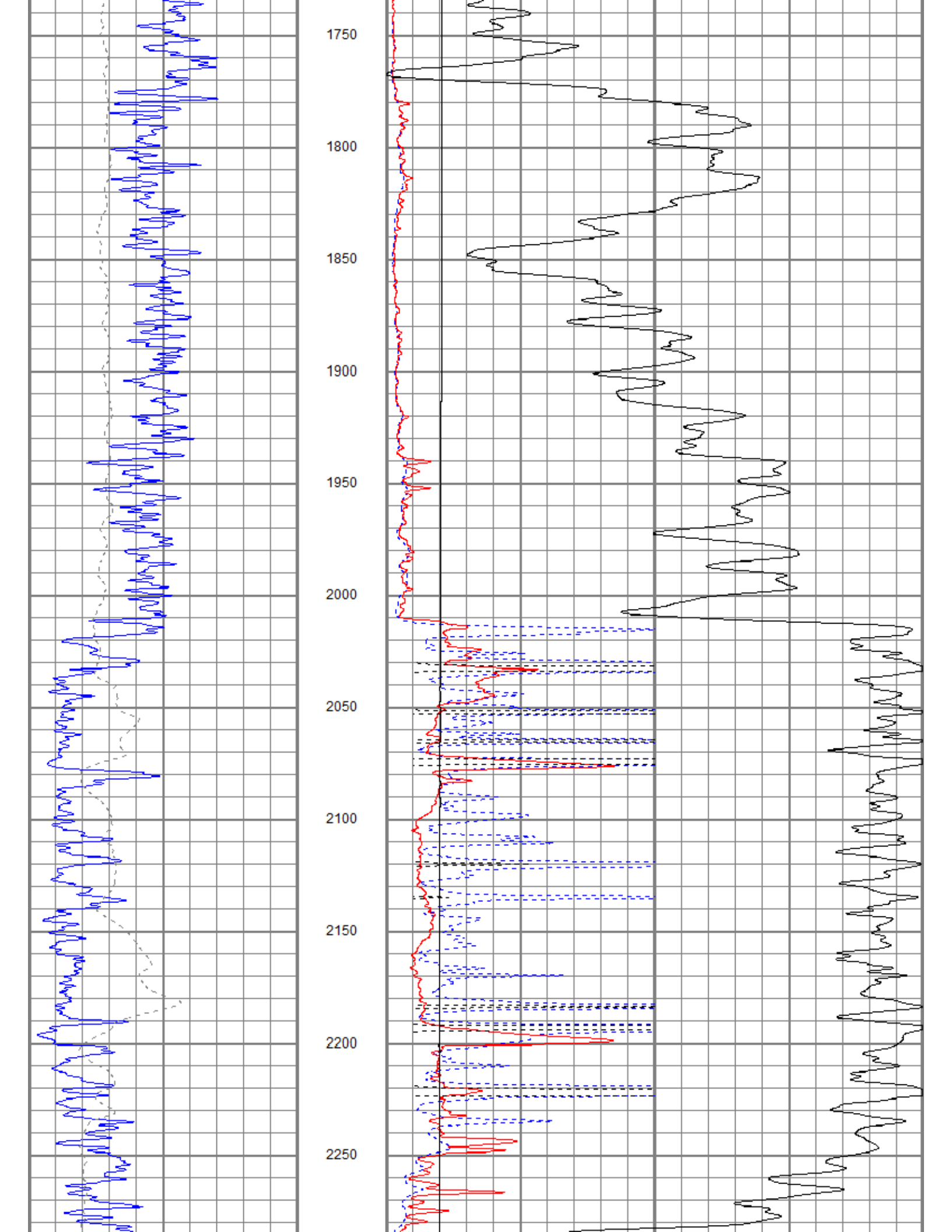
1650
1700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1850
1900
1950
2000
2050
2100
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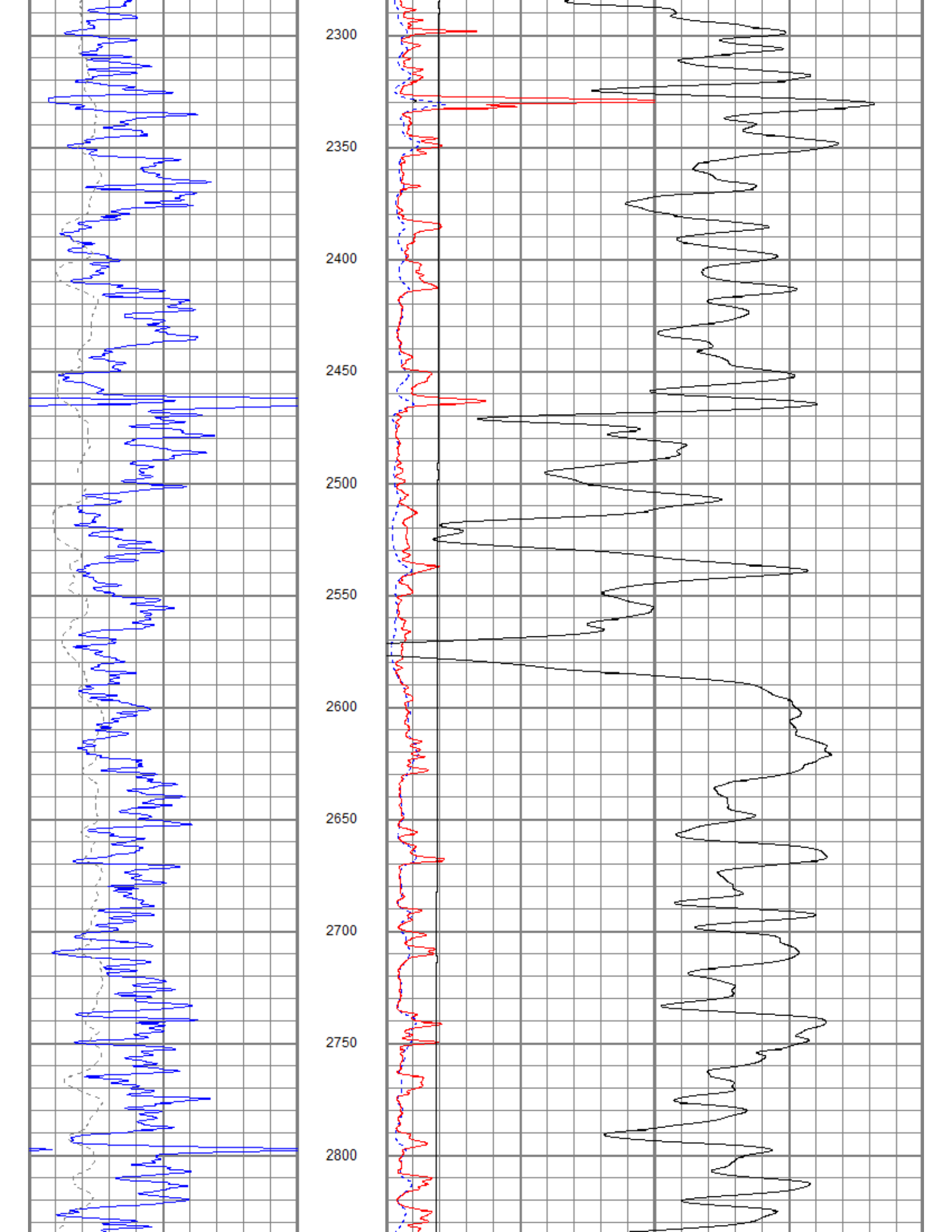
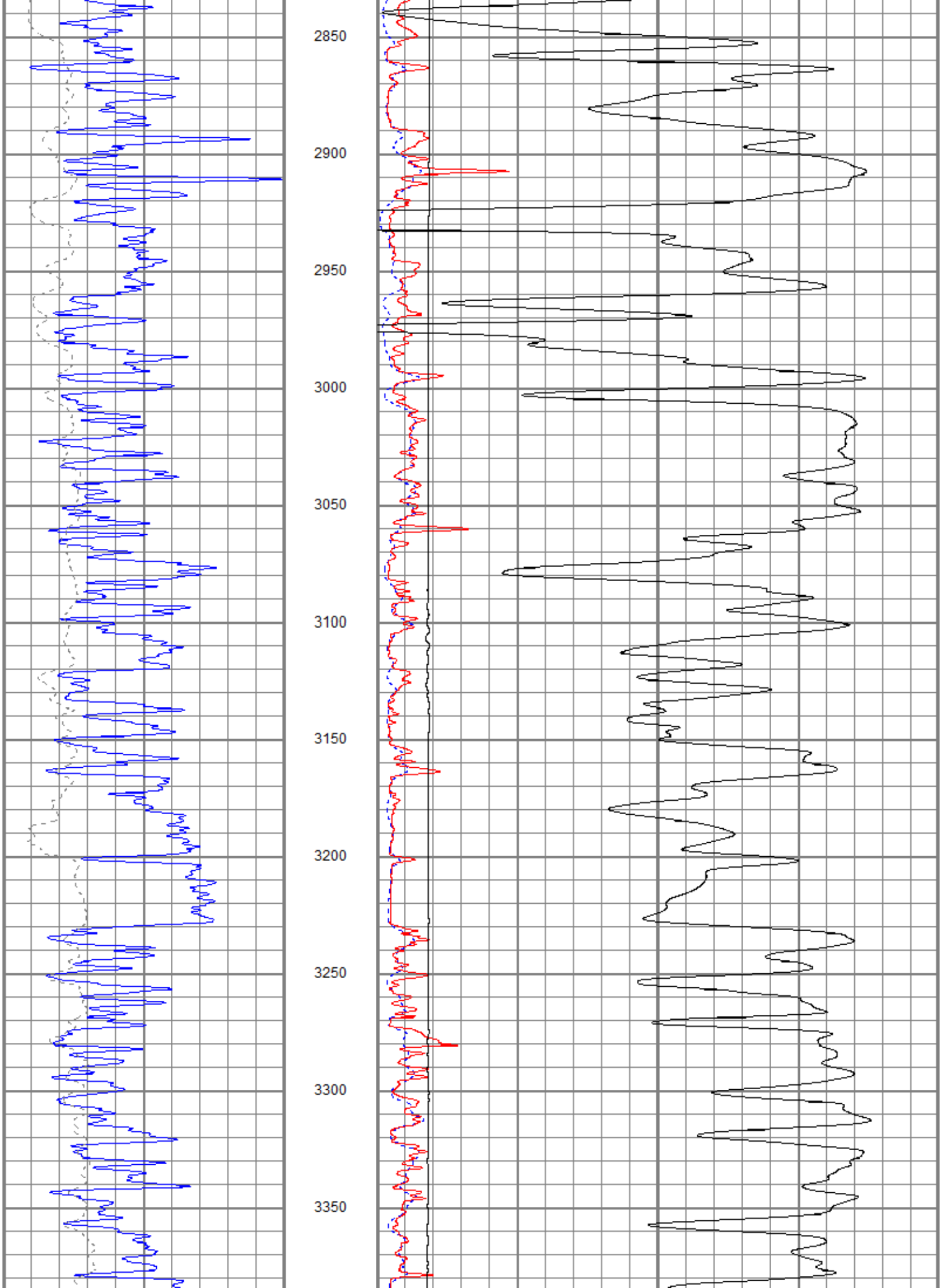
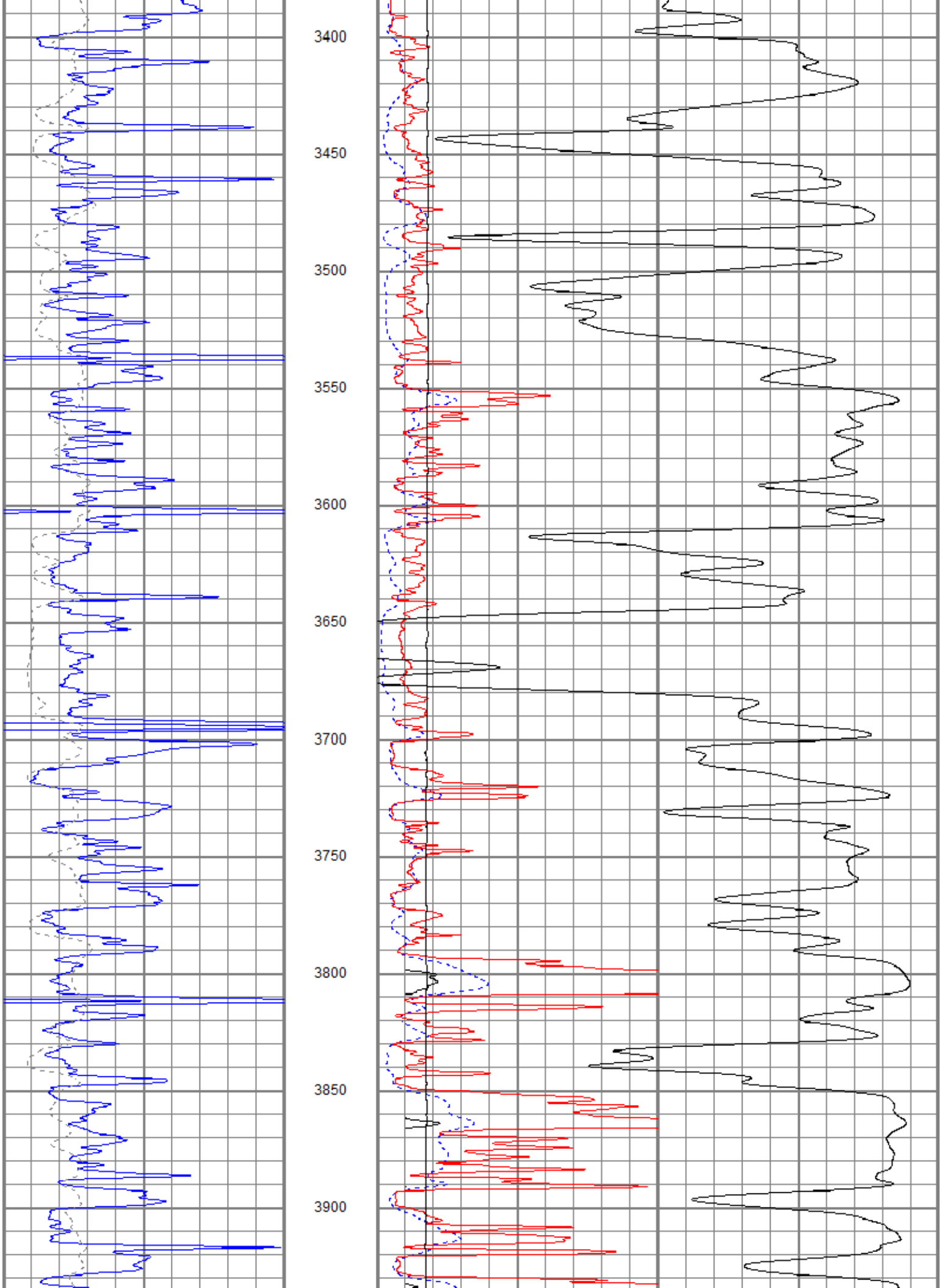
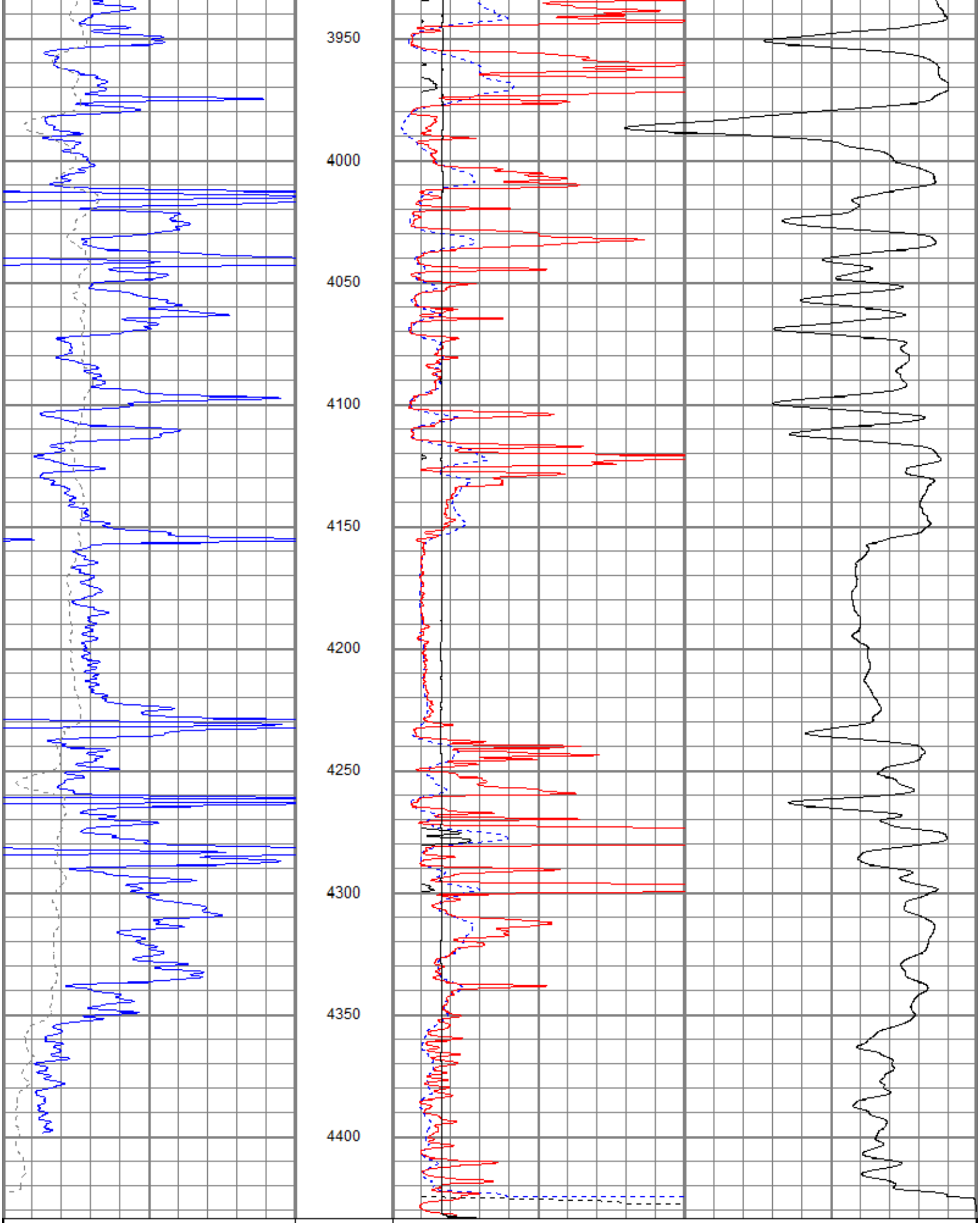
2200
2250


2300
2350
2400
2450
2500
2550
2600
2650
2700
2750
2800


2850
2900
2950
3000
3050
3100
3150
3200
3250
3300
3350


3400
3450
3500
3550
3600
3650
3700
3750
3800
3850
3900


3950
4000
4050
4100
4150
4200
4250
4300
4350
4400
0
GR (GAPI)
150
-200
SP (mV)
0
1000
CILD (mmho/m)
0
10000
LTEN (lb)
0
0
RILD (Ohm-m)
50
0
RLL3 (Ohm-m)
50
50
RILD x 10 (Ohm-m)
500

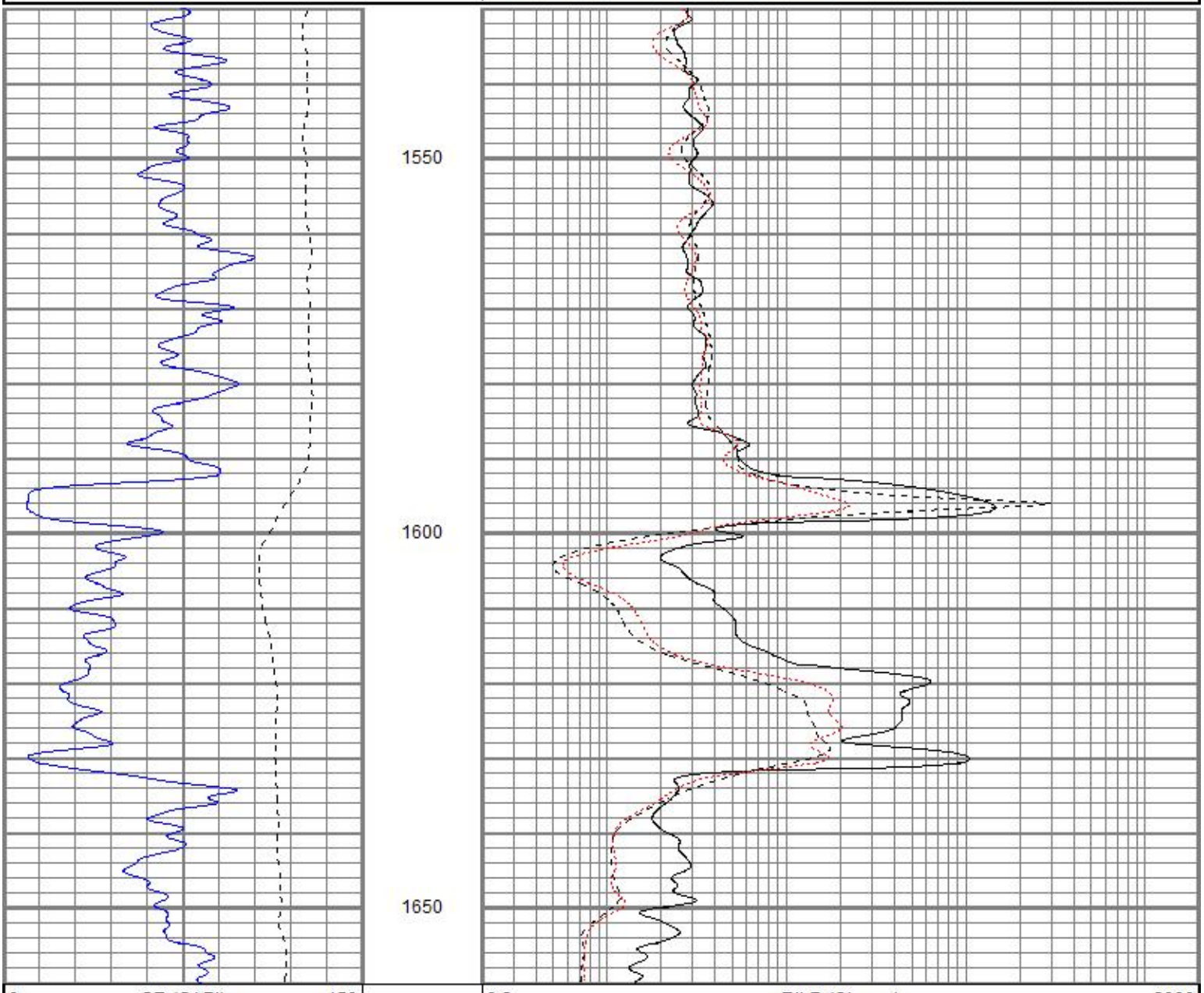
50	RLL3 x 10 (Ohm-m)	500

Main Pass

Database File	jgvernon#1oh.db
Dataset Pathname	pass2cdnl
Presentation Format	kdil
Dataset Creation	Fri Jun 10 01:13:34 2016
Charted by	Depth in Feet scaled 1:240

0	GR (GAPI)	150
-100	SP (mV)	100

0.2	RILD (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000
0.2	RILM (Ohm-m)	2000



0	GR (GAPI)	150
-100	SP (mV)	100

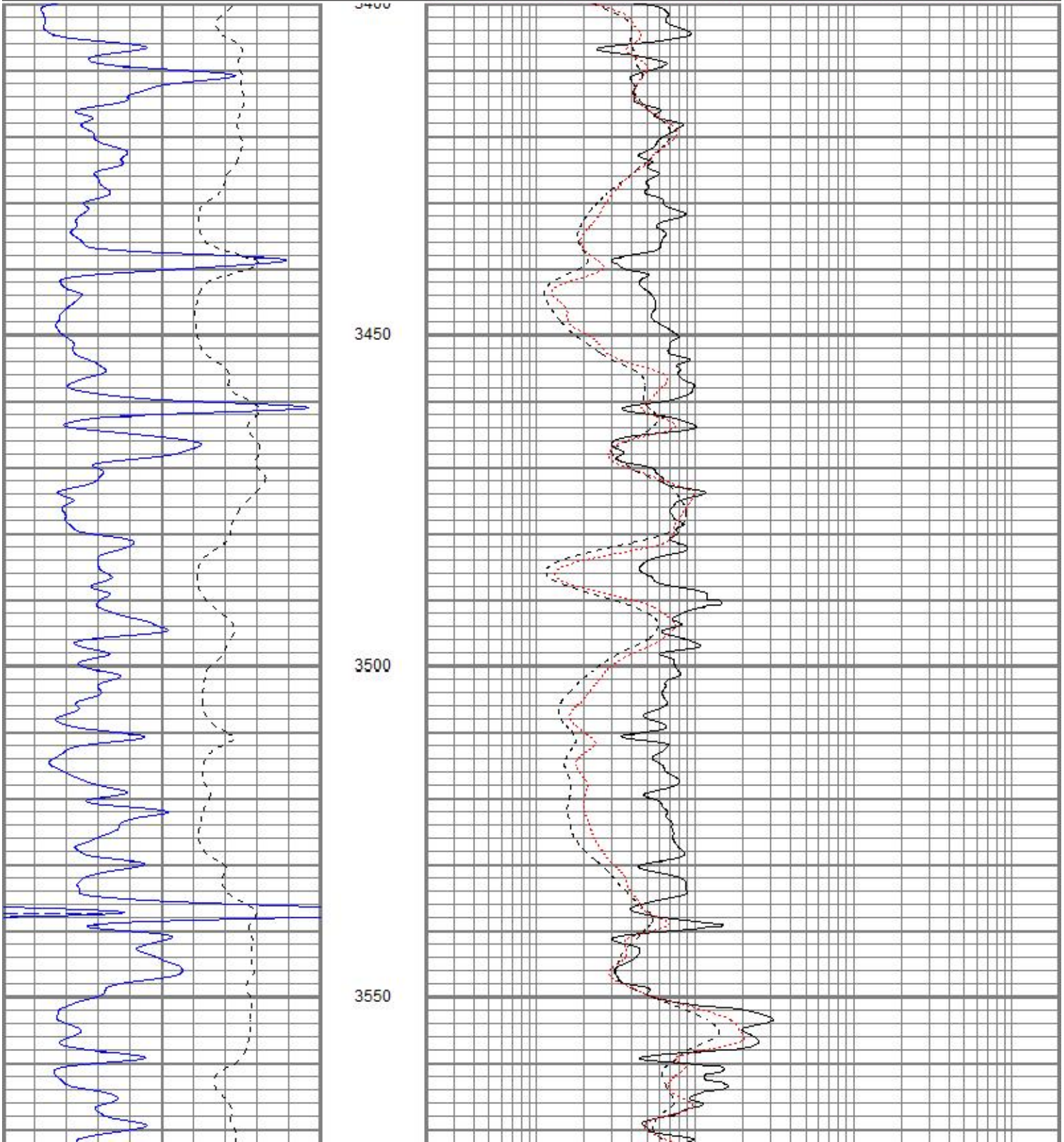
0.2	RILD (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000
0.2	RILM (Ohm-m)	2000

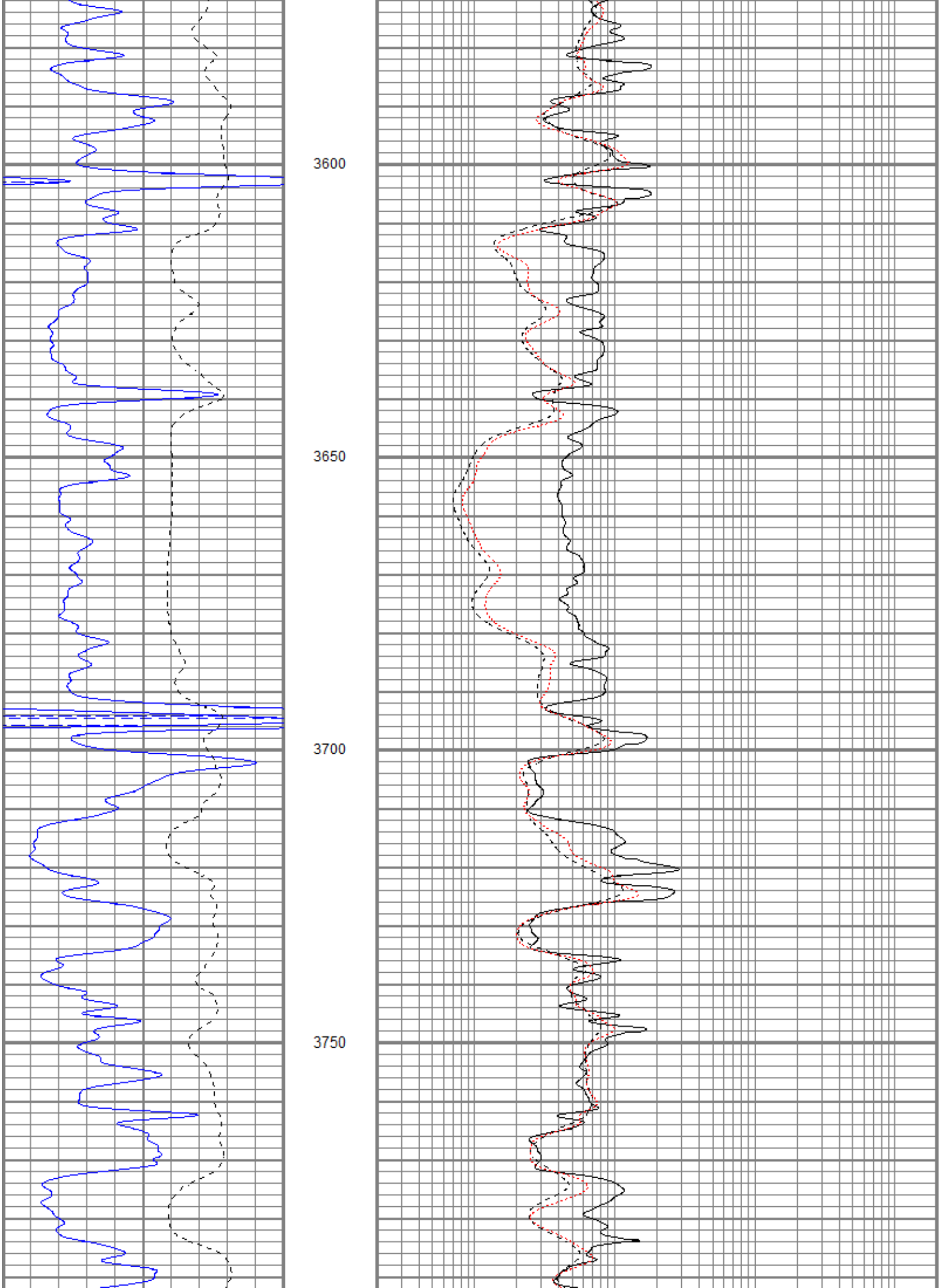
Main Pass

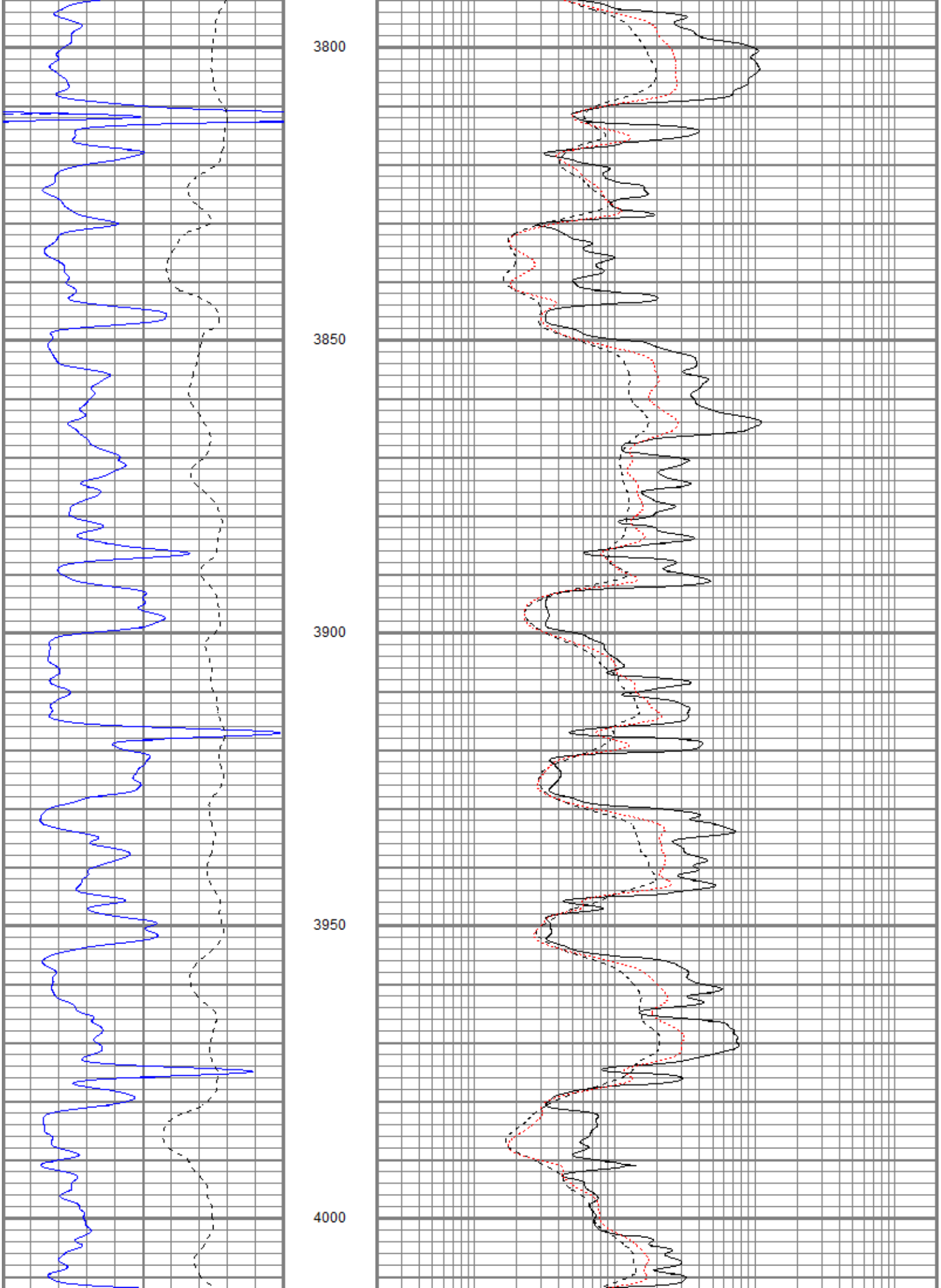
Database File	jgvernon#1oh.db
Dataset Pathname	pass2cdnl
Presentation Format	kdil
Dataset Creation	Fri Jun 10 01:13:34 2016
Charted by	Depth in Feet scaled 1:240

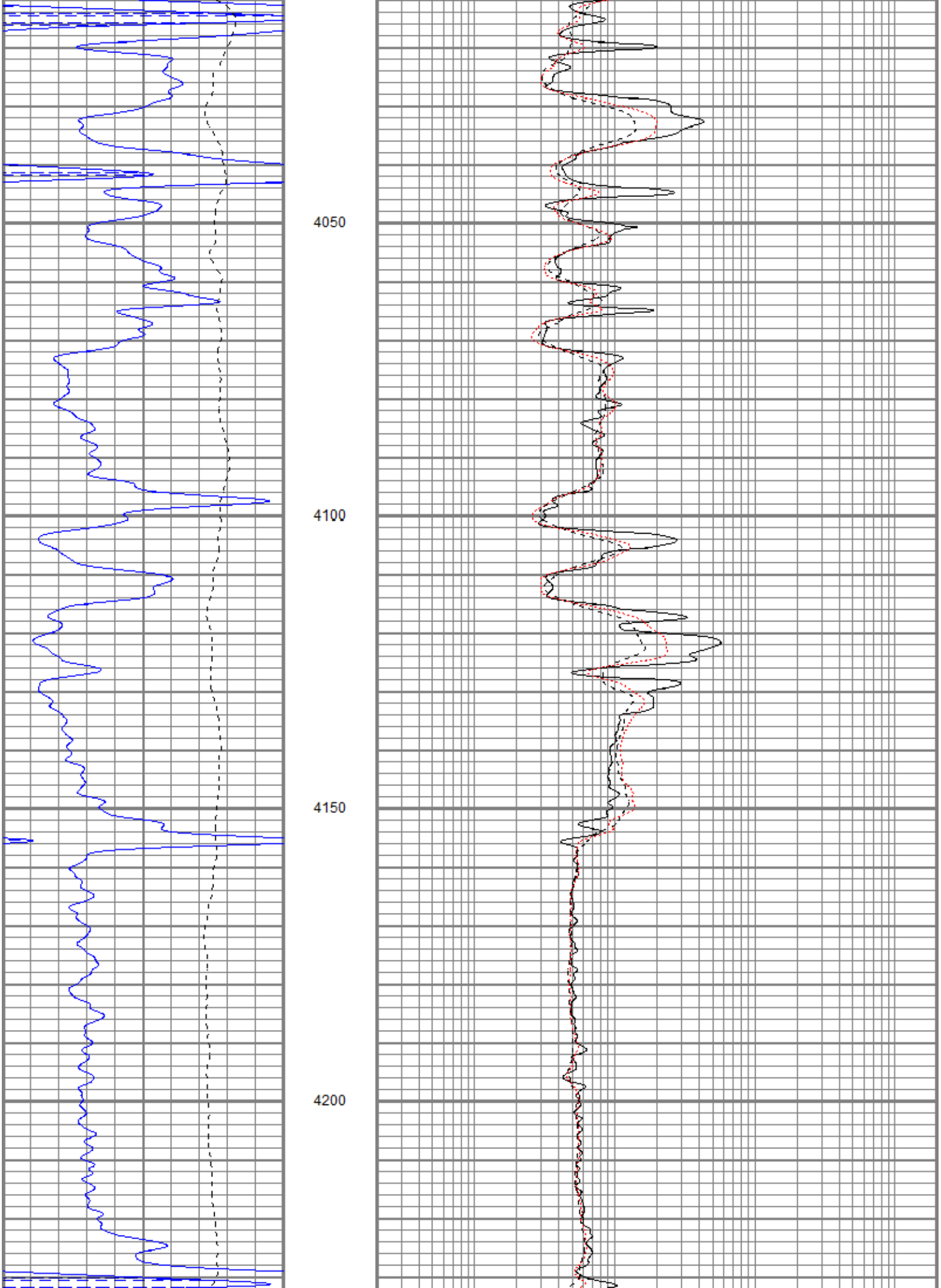
0	GR (GAPI)	150
-100	SP (mV)	100

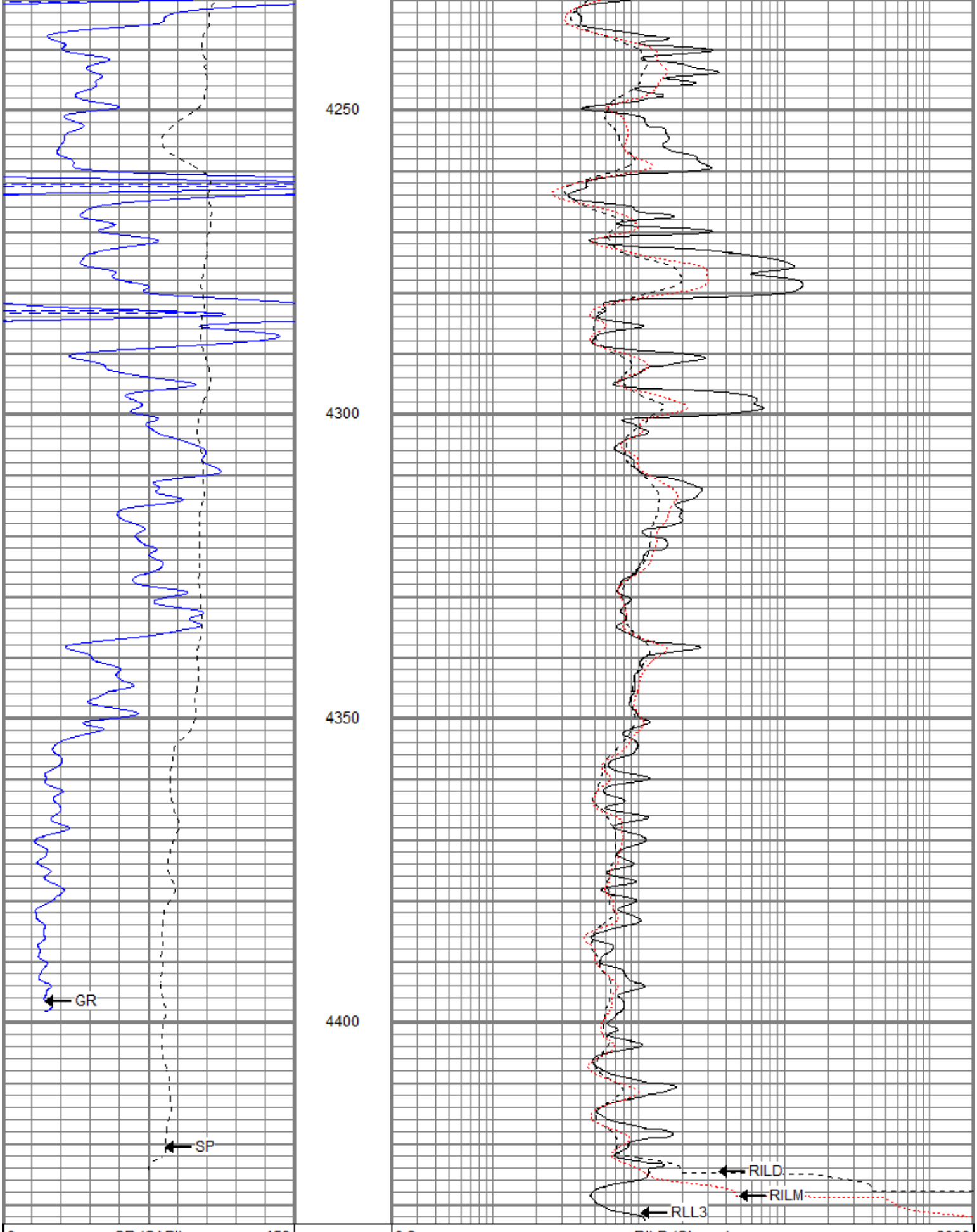
0.2	RILD (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000
0.2	RILM (Ohm-m)	2000




3600
3650
3700
3750


3800
3850
3900
3950
4000

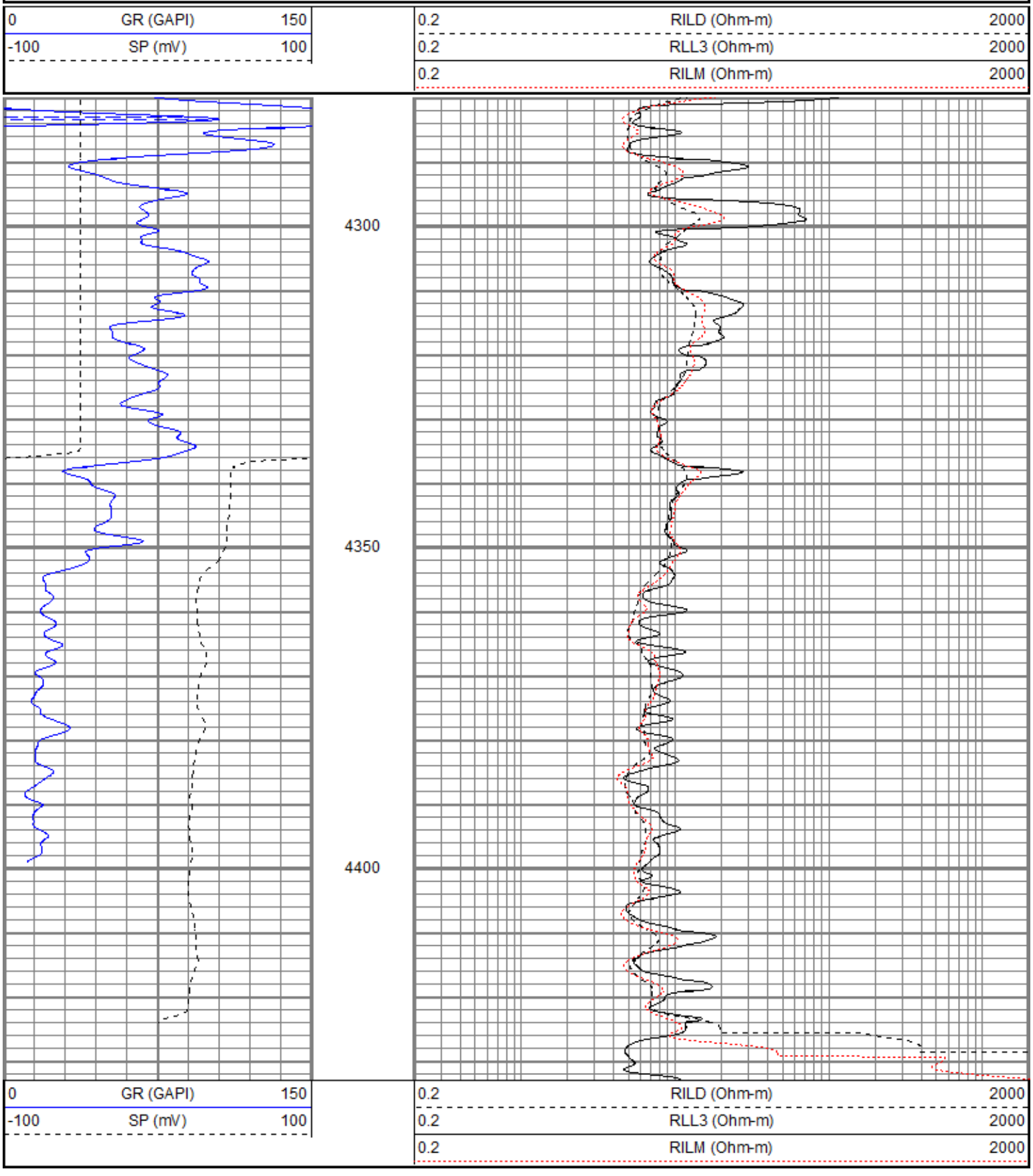

4050
4100
4150
4200



0	GR (GAPI)	150
-100	SP (mV)	100

0.2	RILD (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000
0.2	RILM (Ohm-m)	2000

Database File	jgvernon#1oh.db
Dataset Pathname	pass3
Presentation Format	kdil
Dataset Creation	Fri Jun 10 01:19:03 2016
Charted by	Depth in Feet scaled 1:240



Calibration Report

Database File	jgvernon#1oh.db
Dataset Pathname	pass3
Dataset Creation	Fri Jun 10 01:19:03 2016

Dual Induction Calibration Report

Serial-Model:	080522-Probe
Surface Cal Performed:	Mon Mar 14 11:26:37 2016
Downhole Cal Performed:	Mon Mar 14 11:26:40 2016
After Survey Verification Performed:	Mon Mar 14 11:26:42 2016

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.040	0.651	V	0.000	400.000	mmho/m	578.981	22.871
Medium	-0.028	0.742	V	0.000	464.000	mmho/m	602.582	16.690
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-0.016	0.653	V	0.000	400.000	mmho/m	598.311	9.396
Medium	-0.025	0.747	V	0.000	464.000	mmho/m	601.262	14.808

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	6.834	401.088	mmho/m	13.778	400.855	mmho/m	0.982	7.068
Medium	-2.964	468.230	mmho/m	1.850	466.869	mmho/m	0.987	4.775
LL3		7.145	V		750.000	Ohm-m		
		0.016	V		12.000	Ohm-m		
		-7.248	V		3745.000	mmho-m		

After Survey Verification

	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	6.834	401.088	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	-2.964	468.230	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		750.000	Ohm-m		
		0.000	Ohm-m		12.000	Ohm-m		
		0.000	mmho-m		3745.000	mmho-m		

Compensated Density Calibration Report

Serial-Model:	2388DHT-DHT
Source / Verifier:	csv j12 / csv j12
Master Calibration Performed:	Fri Aug 01 09:45:19 2014
Before Survey Verification Performed:	
After Survey Verification Performed:	

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.750	g/cc	668.56	327.82	cps
Aluminum	2.650	g/cc	125.78	203.67	cps

Spine Angle = 74.10

Density/Spine Ratio = 0.518

	Size		Reading
Small Ring	7.60	in	5695.86
Large Ring	14.00	in	9900.52

Before Survey Verification

	Target		Measured	
		g/cc		g/cc
		g/cc		g/cc
		g/cc		g/cc

After Survey Verification

	Target		Measured
	g/cc		g/cc
	g/cc		g/cc
	g/cc		g/cc

Gamma Ray Calibration Report

Serial Number:	2001	
Tool Model:	OH	
Performed:	Thu Jan 21 09:36:03 2016	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2400	GAPI/cps

Neutron Calibration Report

Serial Number:	5108	
Tool Model:	PROBE	
Performed:	Thu Jan 21 09:36:17 2016	
Calibrator Value:	1	NAPI
Calibrator Reading:	1	cps
Sensitivity:	1	NAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-None	0.75	1.50	5.00
NEU	38.26		NEU-PROBE (5108) Probe	4.92	3.63	85.00
GR	32.32		GR-OH (2001) 2001	3.56	3.25	40.00
			CDL-DHT (2388DHT) Digital High Temp CDL Tool	9.69	4.00	201.00
LSD	23.78					
DCAL	23.49					
SSD	23.24					
HEADVOLT	21.47					
SP	10.60		DIL-Probe (080522) Probe Dual Induction	21.47	4.00	345.00
CILD	10.60					
CILM	6.89					
RLL3	1.70					

Dataset:	jgvernon#1oh.db: field/well/run1/pass3
Total length:	40.39 ft
Total weight:	676.00 lb
O.D.:	4.00 in