



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

WELL PLUGGING APPLICATION

Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act,
MUST be submitted with this form.

OPERATOR: License #: _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: (_____) _____

API No. 15 - _____
If pre 1967, supply original completion date: _____
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 #: _____

Check One: Oil Well Gas Well OG D&A Cathodic Water Supply Well Other: _____
 SWD Permit #: _____ ENHR Permit #: _____ Gas Storage Permit #: _____

Conductor Casing Size: _____ Set at: _____ Cemented with: _____ Sacks
Surface Casing Size: _____ Set at: _____ Cemented with: _____ Sacks
Production Casing Size: _____ Set at: _____ Cemented with: _____ Sacks

List (ALL) Perforations and Bridge Plug Sets:

Elevation: _____ (G.L. / K.B.) T.D.: _____ PBTD: _____ Anhydrite Depth: _____
(Stone Corral Formation)

Condition of Well: Good Poor Junk in Hole Casing Leak at: _____
(Interval)

Proposed Method of Plugging (attach a separate page if additional space is needed):

Is Well Log attached to this application? Yes No Is ACO-1 filed? Yes No

If ACO-1 not filed, explain why:

Plugging of this Well will be done in accordance with K.S.A. 55-101 et. seq. and the Rules and Regulations of the State Corporation Commission

Company Representative authorized to supervise plugging operations: _____
Address: _____ City: _____ State: _____ Zip: _____ + _____
Phone: (_____) _____
Plugging Contractor License #: _____ Name: _____
Address 1: _____ Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Phone: (_____) _____

Proposed Date of Plugging (if known): _____

Payment of the Plugging Fee (K.A.R. 82-3-118) will be guaranteed by Operator or Agent

Submitted Electronically



CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent) CB-1 (Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)

OPERATOR: License # _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: (_____) _____ Fax: (_____) _____
Email Address: _____

Well Location:
____ - ____ - ____ - ____ Sec. ____ Twp. ____ S. R. ____ East West
County: _____
Lease Name: _____ Well #: _____

If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:

Surface Owner Information:

Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____

When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.

If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.

Select one of the following:

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I must provide the name and address of the surface owner by filling out the top section of this form and that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

I Submitted Electronically

I

Form	CP1 - Well Plugging Application
Operator	Gulf Exploration, LLC
Well Name	LYMAN 1-10
Doc ID	1321437

Perforations And Bridge Plug Sets

Perforation Top	Perforation Base	Formation	Bridge Plug Depth
4474	4476	Lansing	4458
4420	4424	Lansing	4410
4346	4351	Lansing	



**RADIAL BOND LOG
WITH GAMMA RAY**

Company **GULF EXPLORATION LLC**
 Well **LYMAN #1-10**
 Field **WILD CAT**
 County **THOMAS** State **KANSAS**

Comp. **GULF EXPLORATION LLC**
 Well **LYMAN #1-10**
 Field **WILD CAT**
 Co. **THOMAS**
 State **KANSAS**

Location: **API # : 15-193-20968-00-00** Other Services
943' FNL & 1176' FEL
SEC 10 TWP 7S RGE 36W
PERF
 Permanent Datum **GROUND LEVEL** Elevation **3372'**
 Log Measured From **KELLY BUSHING 5** Above GL
 Drilling Measured From **KELLY BUSHING**
 K.B. **3377'**
 D.F. **N/A**
 G.L. **3372'**

Date of Service	8/29/2016			
Run Number	ONE			
Depth Driller or PBTID	4586'			
Depth Logger	4595'			
Bottom Log Interval	4593'			
Top Log Interval	3350'			
Open Hole Size	7.875"			
Type Fluid	WATER			
Fluid Level	475'			
Fluid Density	N/A			
Max. Recorded Temperature	131			
Max. Wellhead Pressure	00 PSI			
Wellhead Connection	N/A			
Estimated Cement Top	3510'			
Unit Number	18			
Wireline Size	5/16"			
Location	COLBY			
Recorded By	T. MARTIN			
Witnessed By	JIMMY MORRIS			
Tubing Record	Size	WV/Ft	Top	Bottom
Surface Casing	8.625"	23#	00'	345'
Production Casing	5.5"	15.5#	00'	TD
Liner Record				

<<< 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.

**LEVANT, 5 N TO V RD,
6 W TO 5 RD, 1.5 N, NW INTO**

THANK YOU FOR USING PIONEER ENERGY SERVICES!

Your Pioneer Energy Services Crew	Tool Data - Services	Serial Number
Engineer: T. MARTIN Operator: Operator: Operator:		

Top - Bottom

PPT usec 0	CASEWGHT lb/ft 15.5	MAXAMPL mV 0	MINAMPL mV 1	MINATTN db/ft 0.8	SRFTEMP degF 80	CASETHCK in 0.275
CASEOD in 5.5	PERFS 0	TDEPTH ft 4595	BOTTEMP degF 131	BOREID in 7.875		

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CENT-Probe Probe Centralizer	2.83	2.75	20.00
WVFS8	11.63		RBT-Probe (4.5040904) Probe Radii Bond Tool with Digital Telemetry	8.75	2.75	107.00
WVFS7	11.63					
WVFS6	11.63					
WVFS5	11.63					
WVFS4	11.63					
WVFS3	11.63					
WVFS2	11.63					
WVFS1	11.63					
WVFCAL	11.63					
WVF3FT	11.63					
WVF5FT	10.63					
			CENT-Probe Probe Centralizer	2.83	2.75	20.00
CCL	3.63					

GR 2.30

GR_CCL-Tiger (TigerProbe)

4.54

2.75

50.00



Dataset: gulf_lyman_#1-10.db: field/well/SCBL/pass4.1
 Total length: 18.96 ft
 Total weight: 197.00 lb
 O.D.: 2.75 in

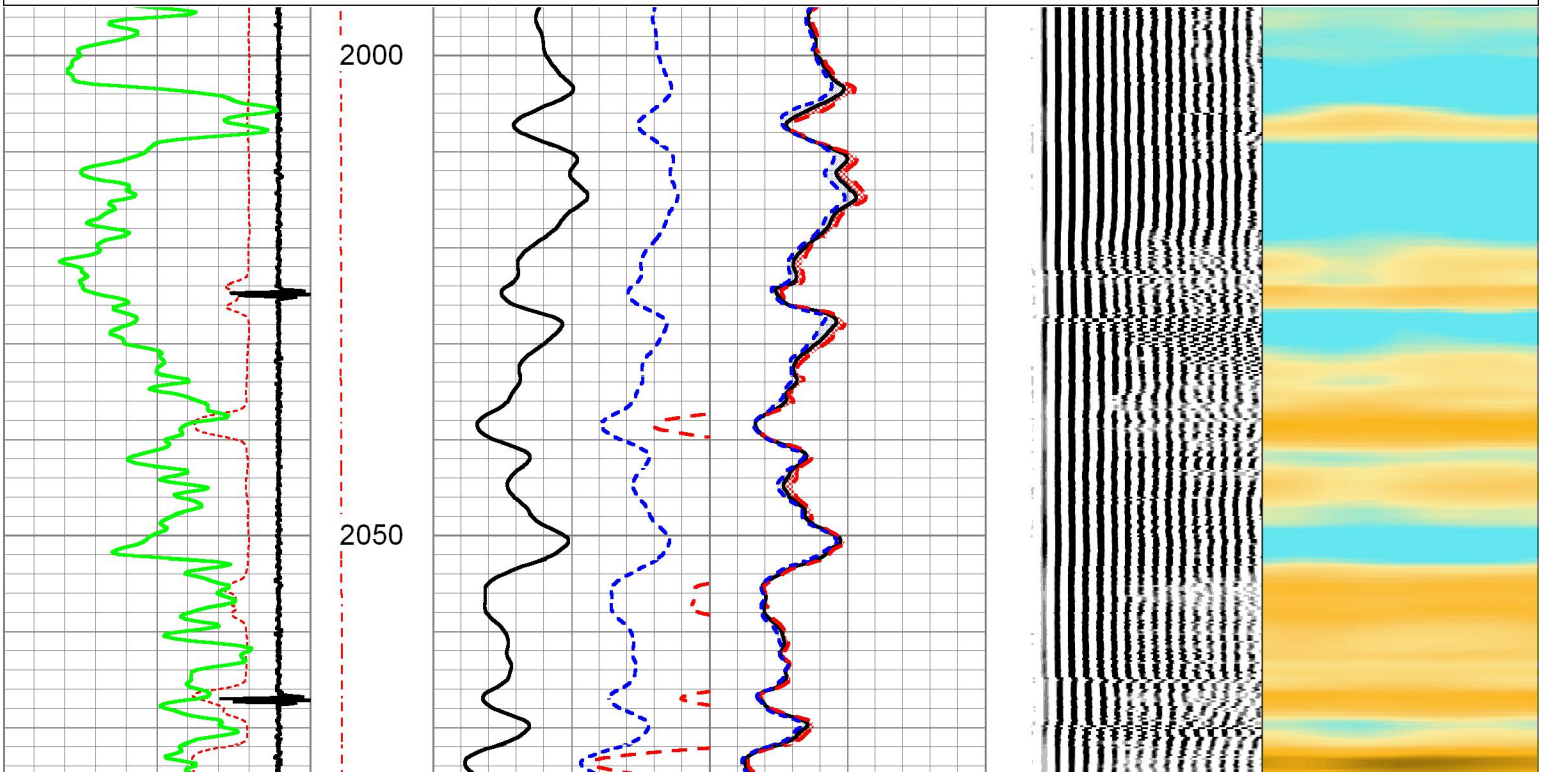


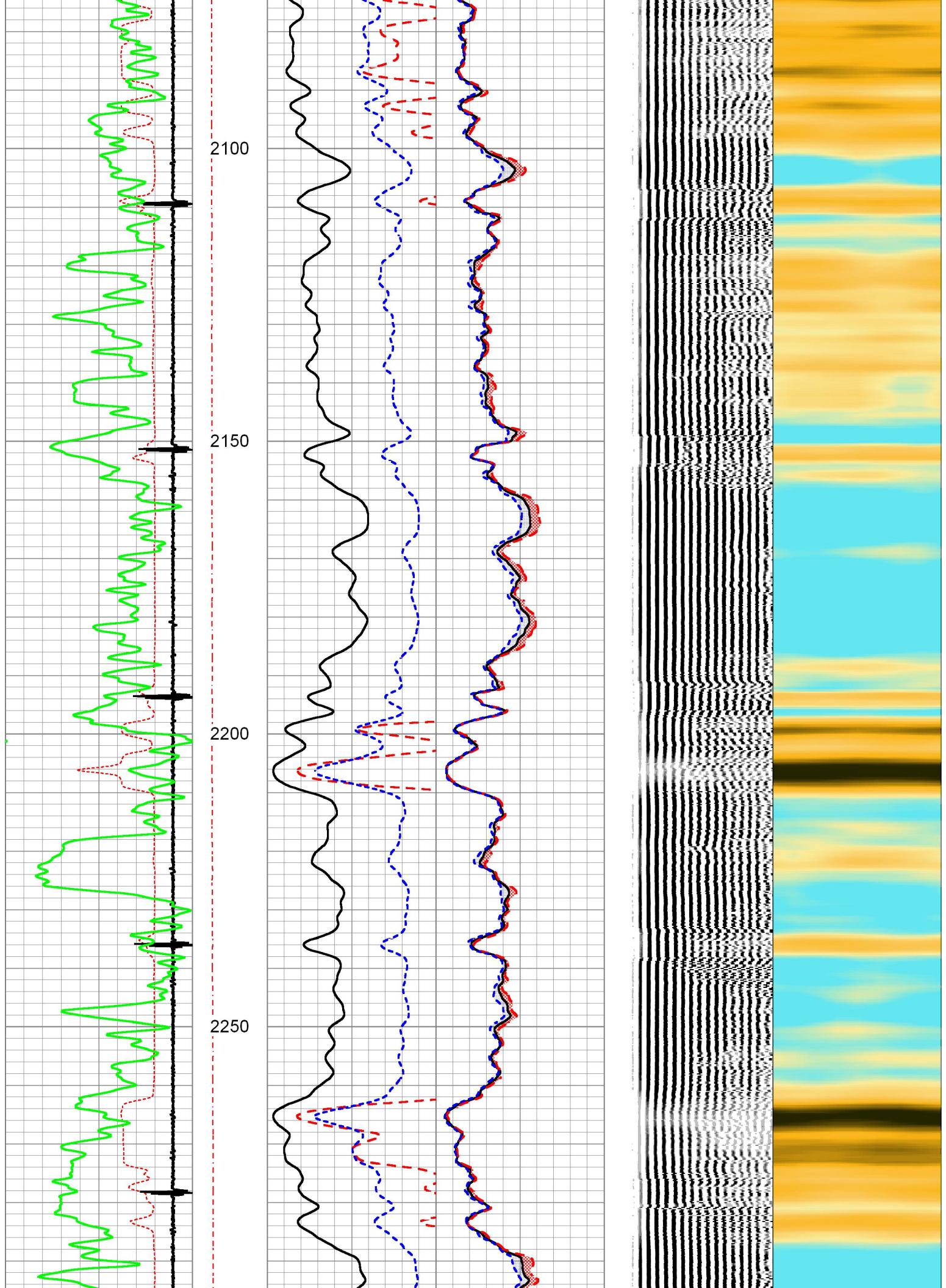
DV @ 3122'

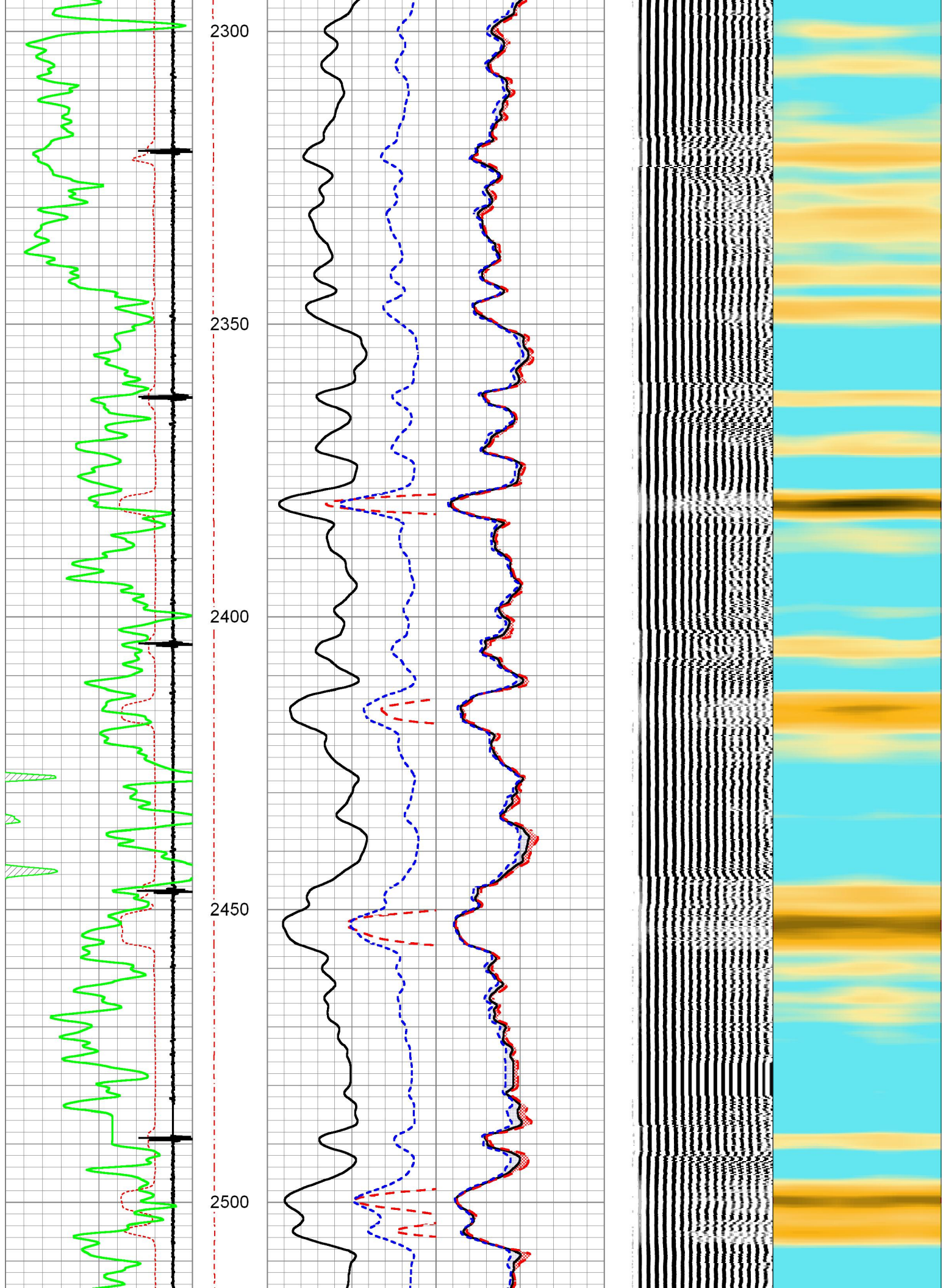
00 PSI SURFACE PRESSURE

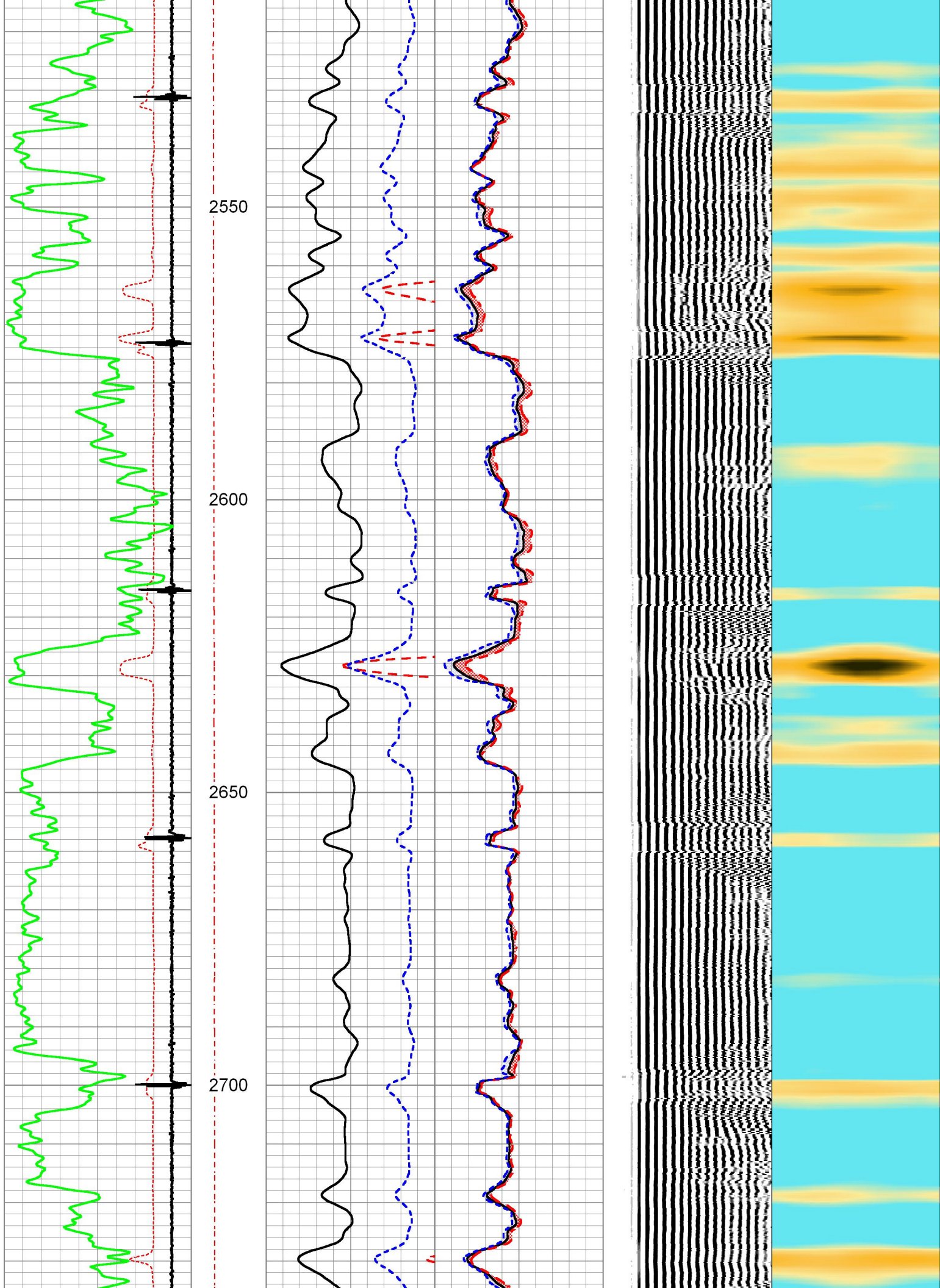
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 Presentation Format PINR_S~1
 Dataset Creation Mon Aug 29 09:31:18 2016
 Charted by Depth in Feet scaled 1:240

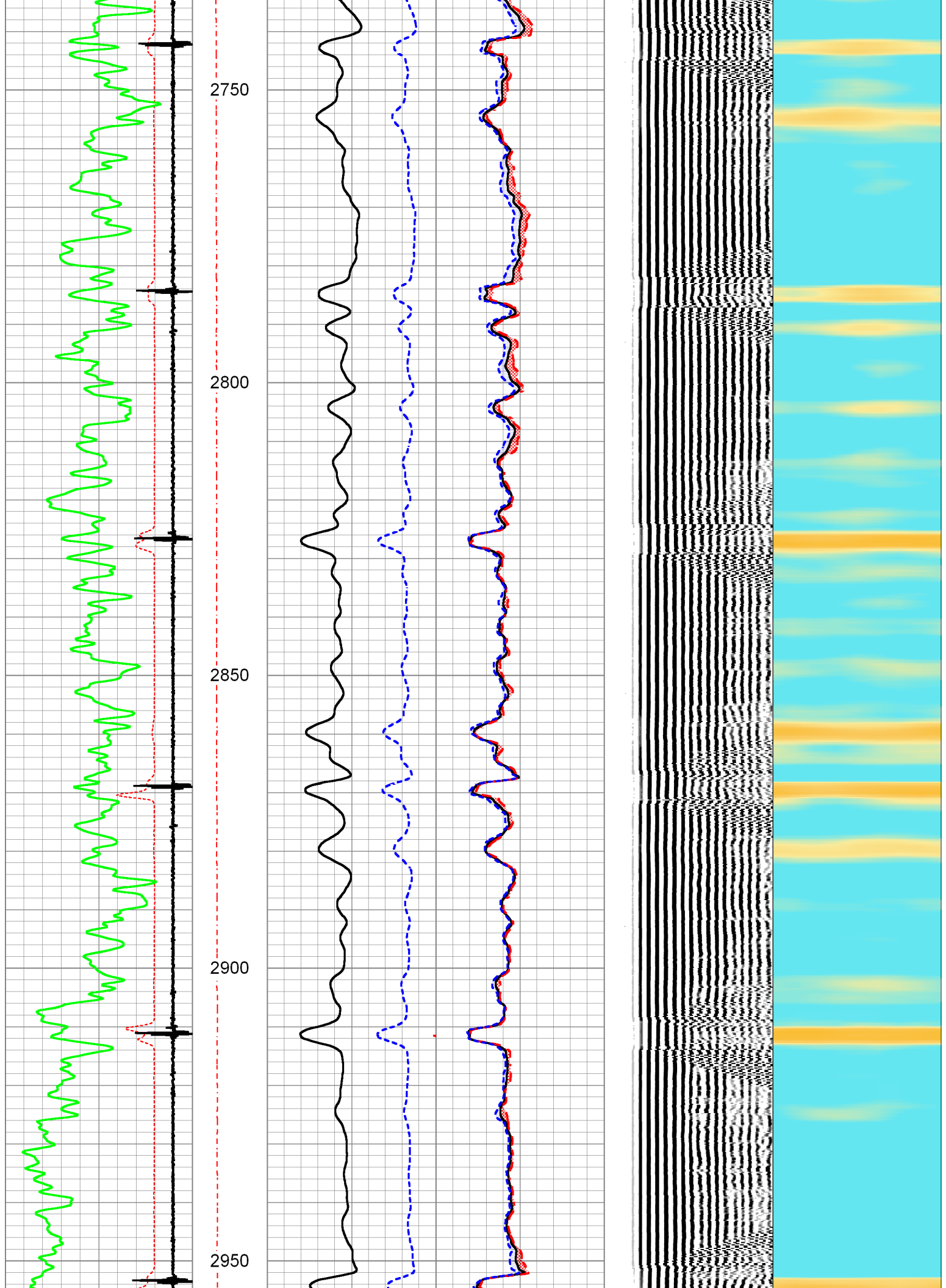
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500 (usec) 235	0 (2000)	0 100	0 150				10		60
-9 Collar Locator 1		3' Amplified Amplitude X 5	Sector Amplitude Maximum						
0 Gamma Ray 150		0 (mV) 20	0 150						
		1 Bond Index 0	Sector Amplitude Minimum						
			0 150						

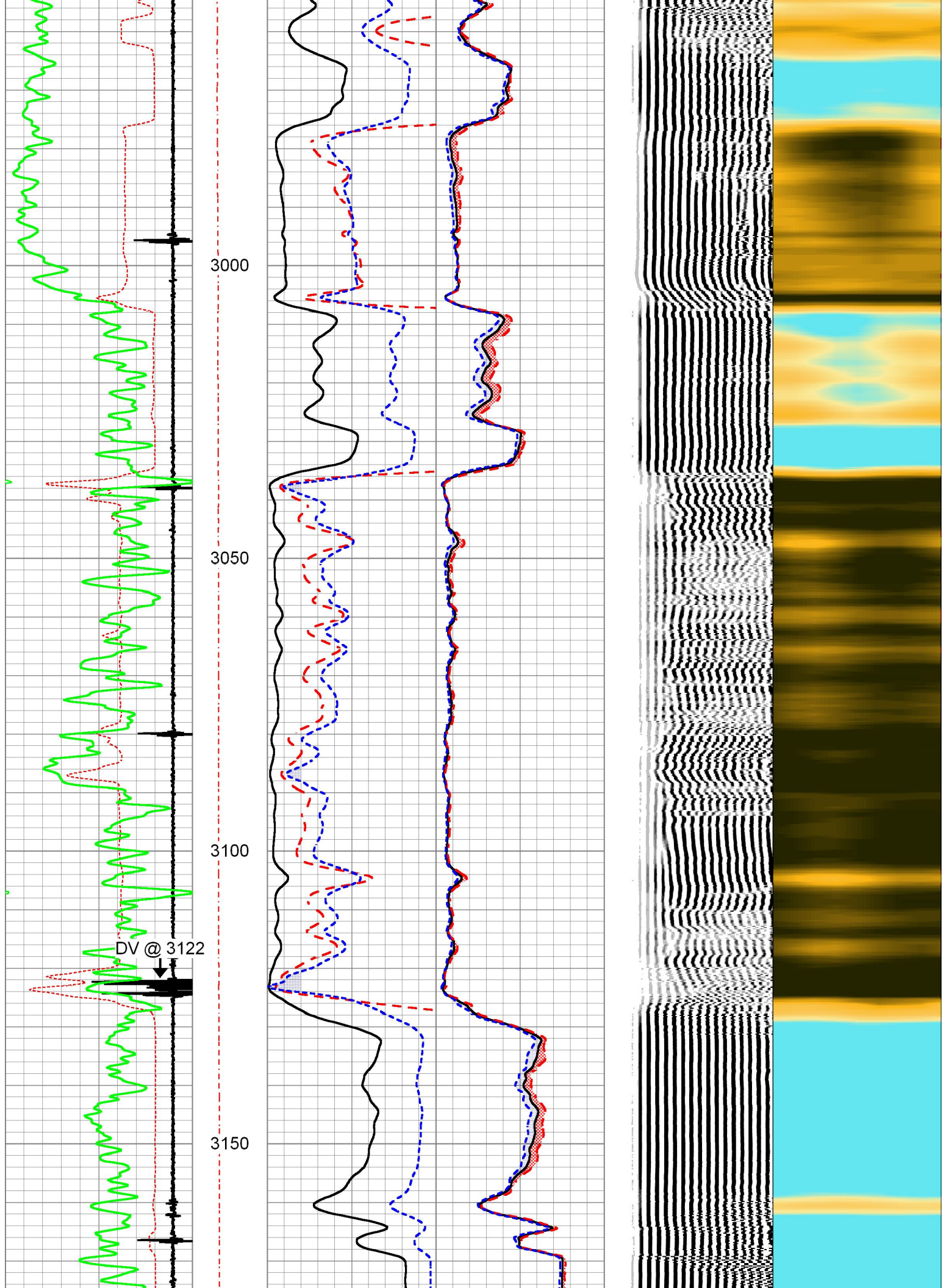


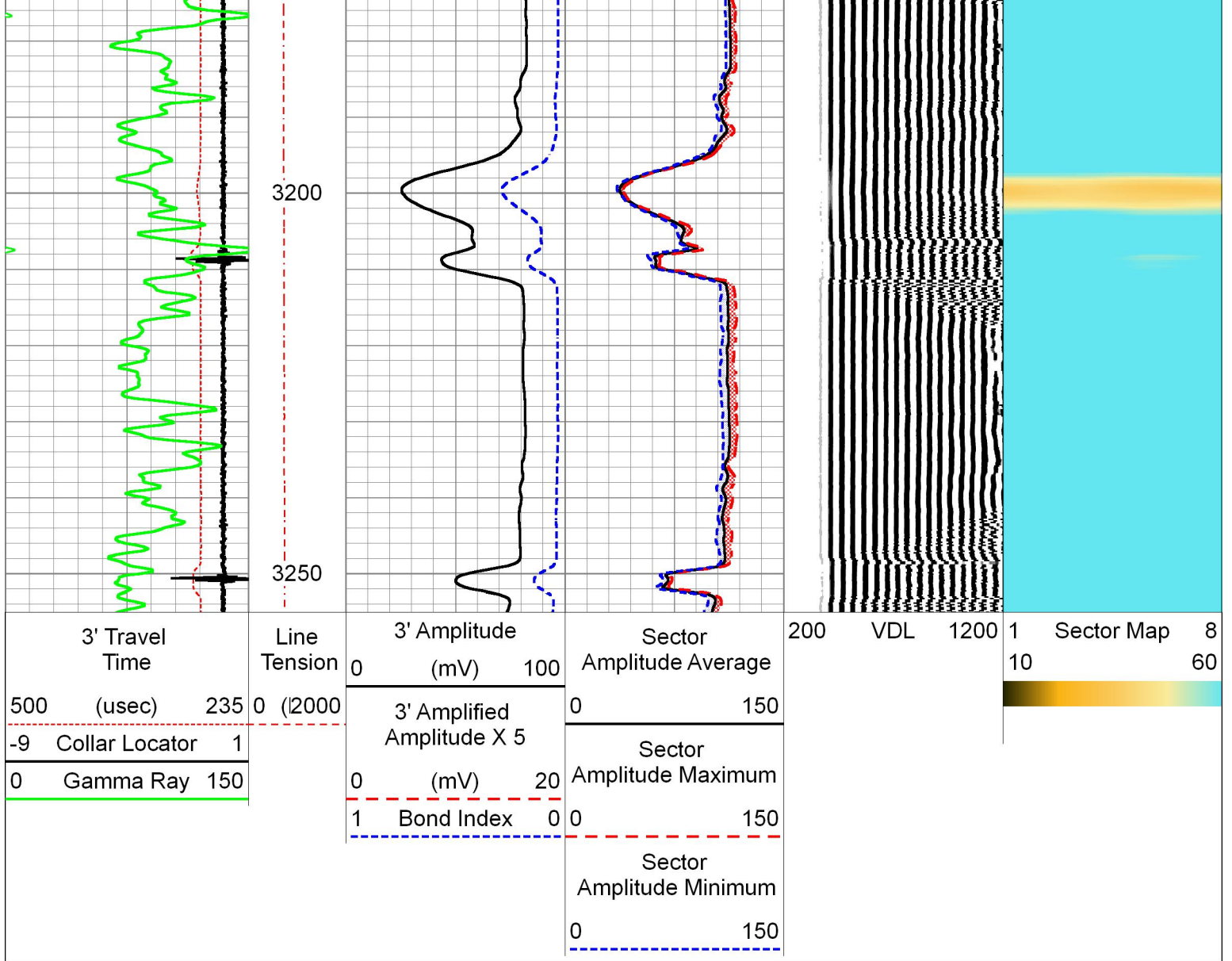








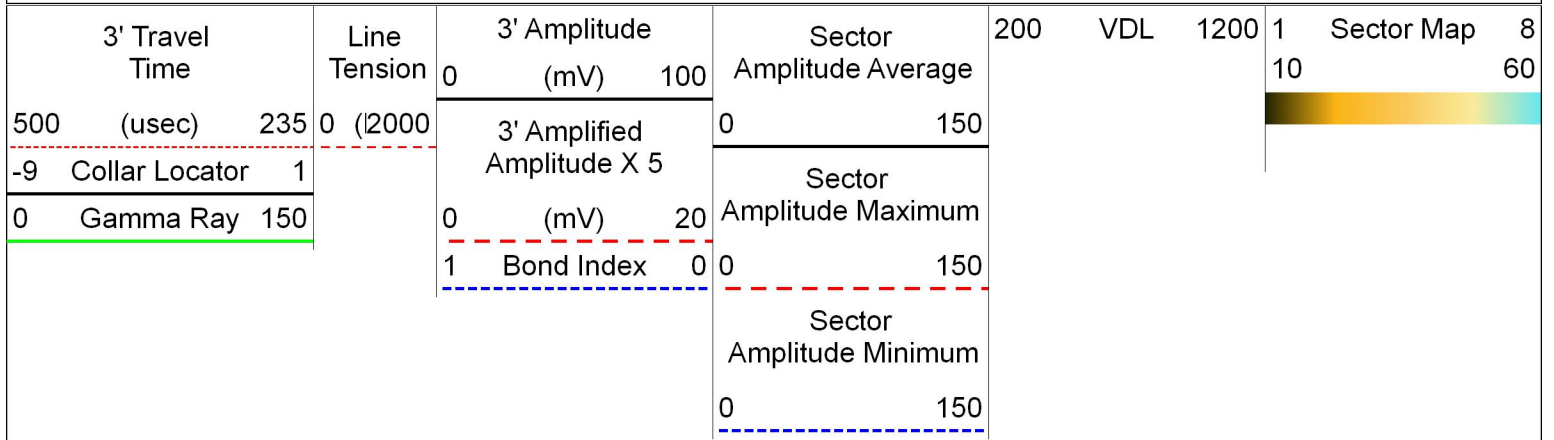


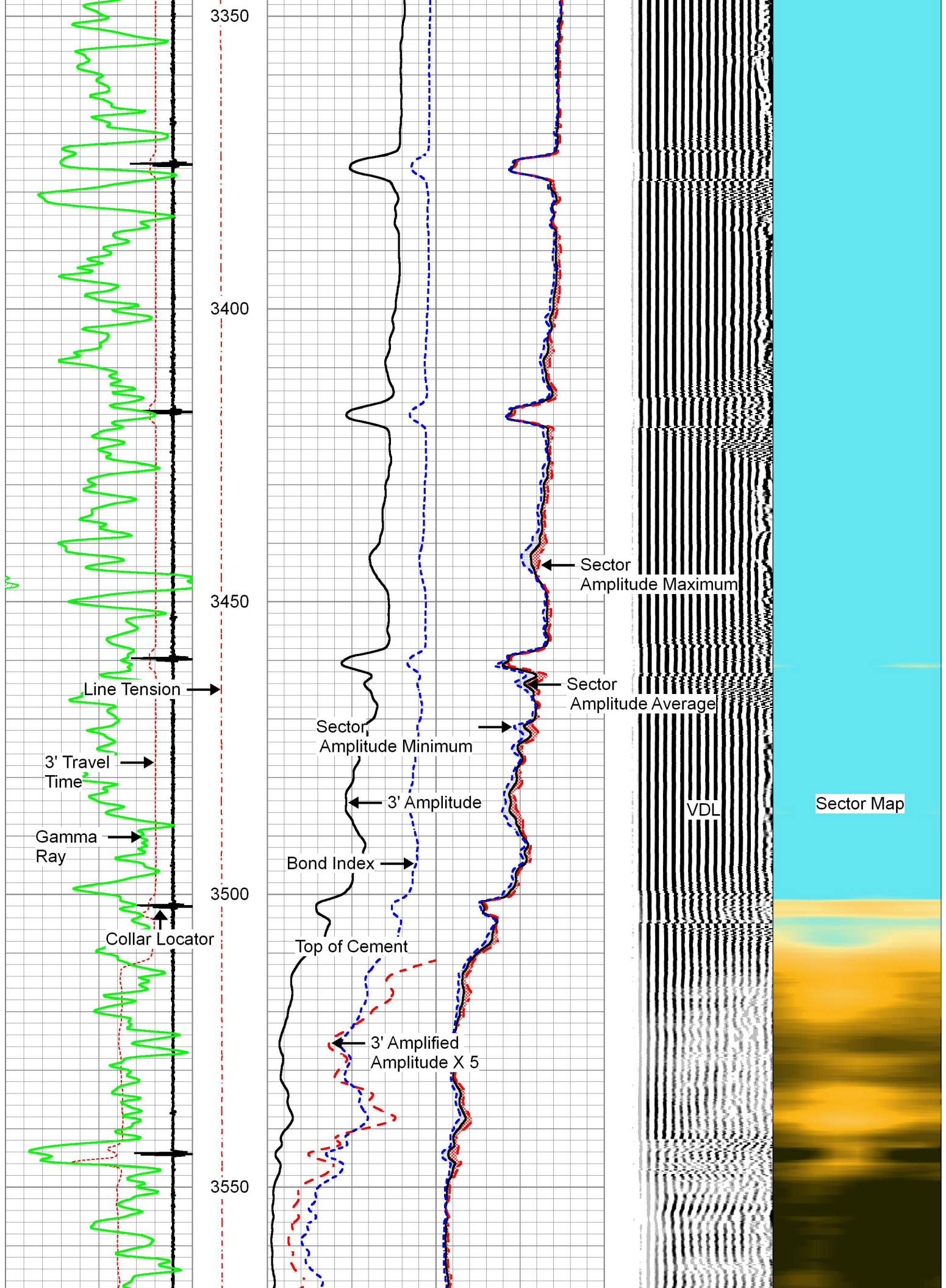


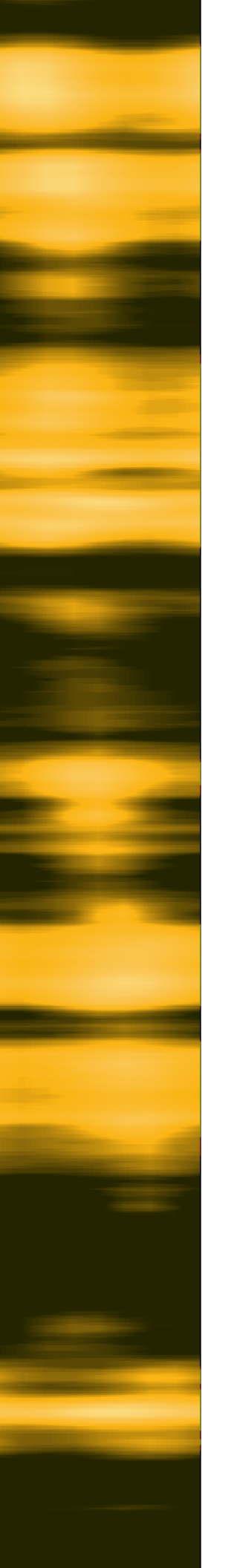
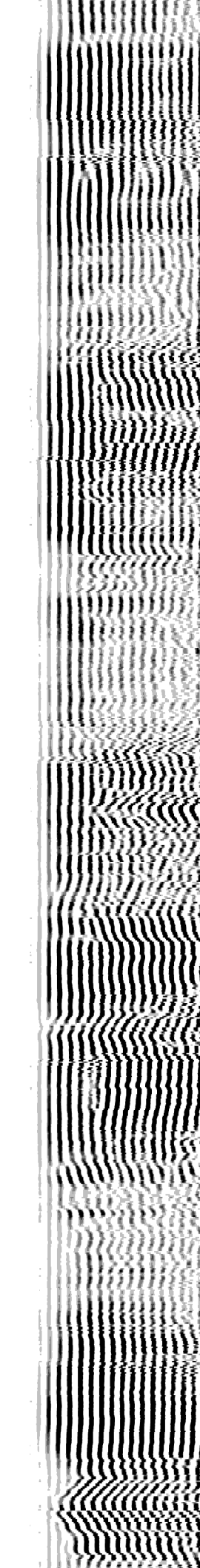
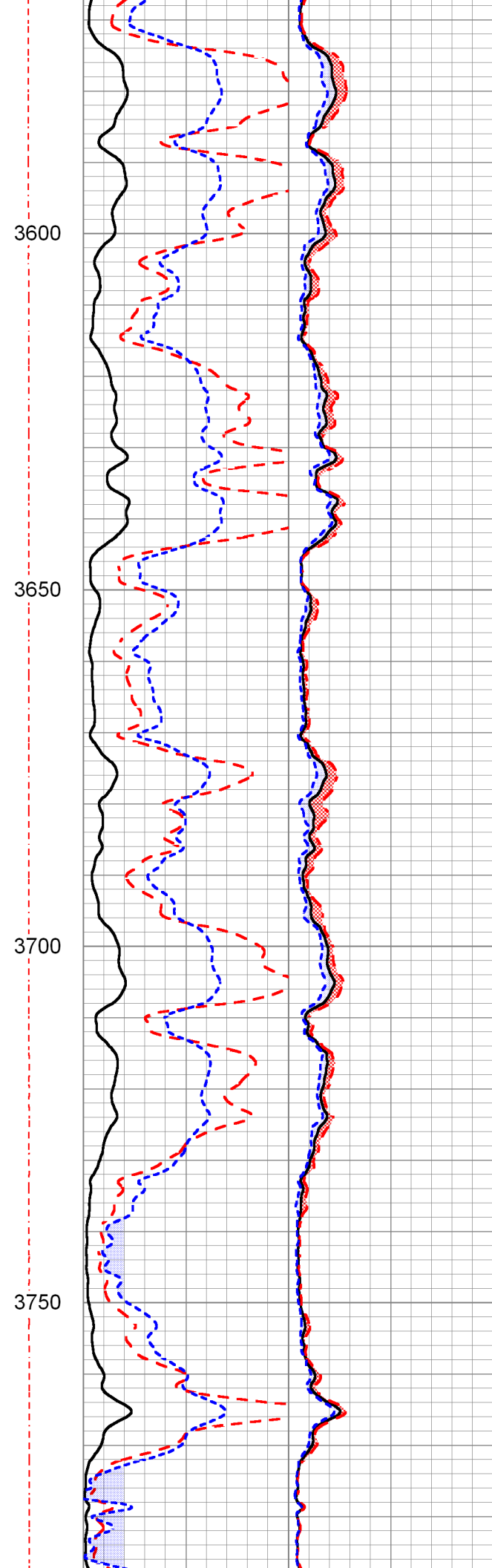
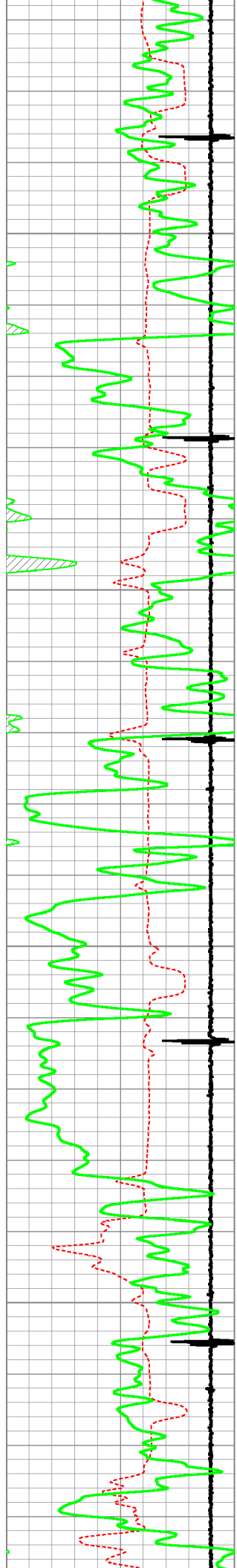
MAIN PASS

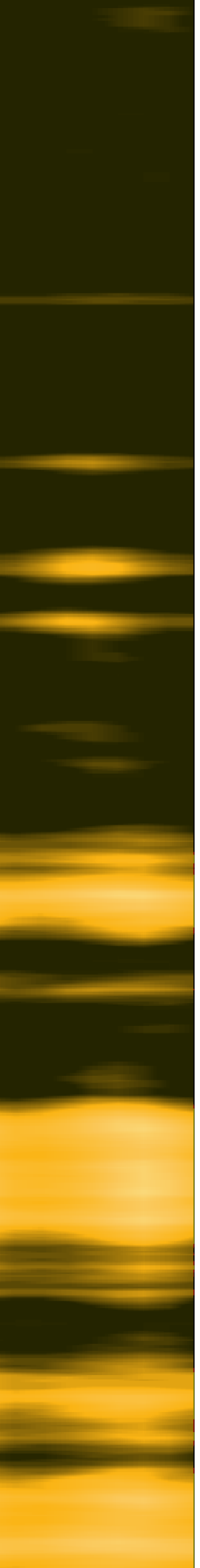
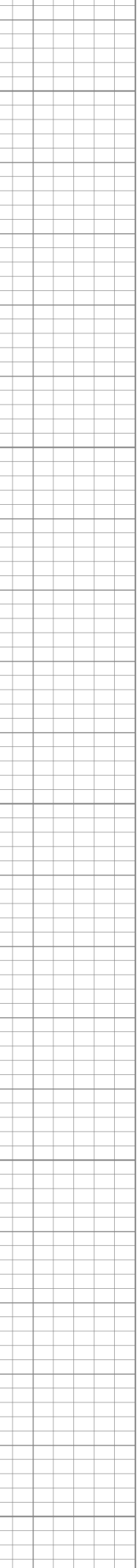
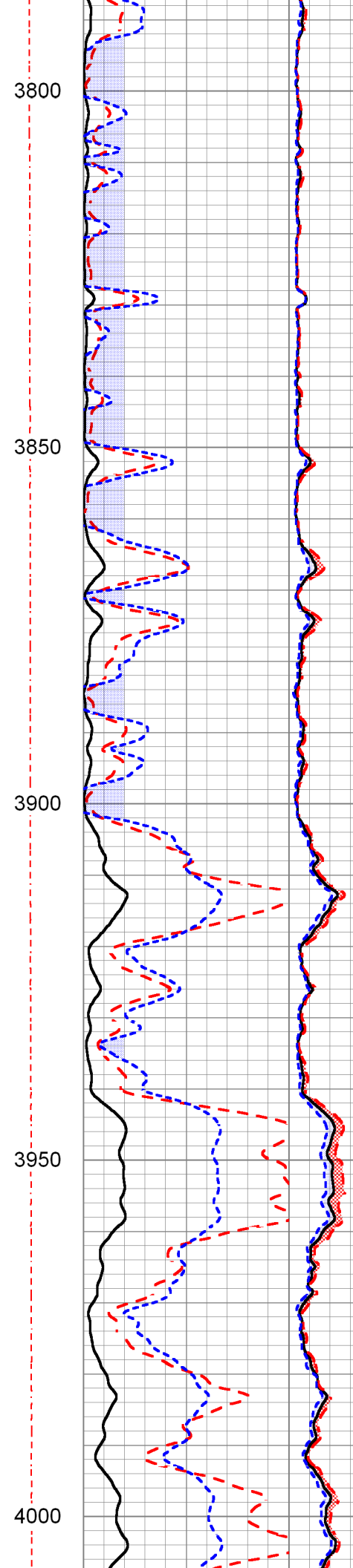
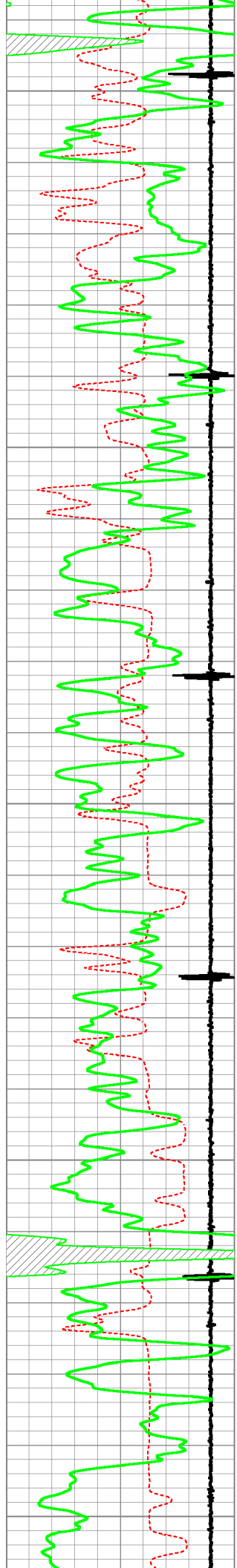
00 PSI SURFACE PRESSURE

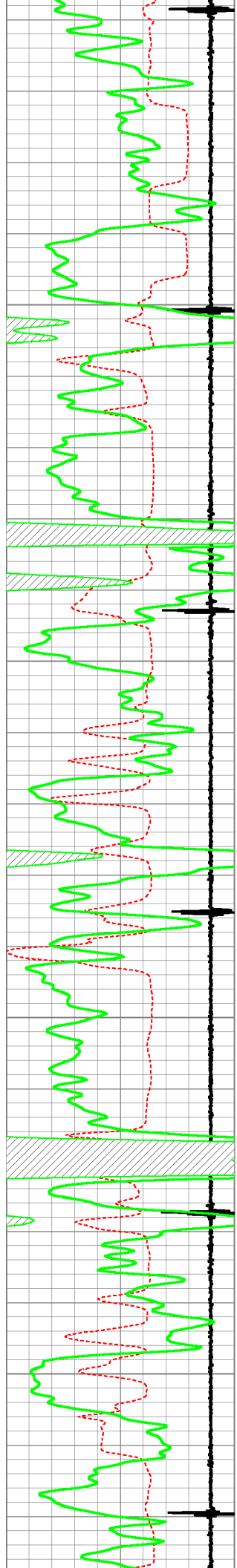
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Dataset Pathname	SCBL/pass4.1
Presentation Format	PINR_S~1
Dataset Creation	Mon Aug 29 09:07:29 2016
Charted by	Depth in Feet scaled 1:240









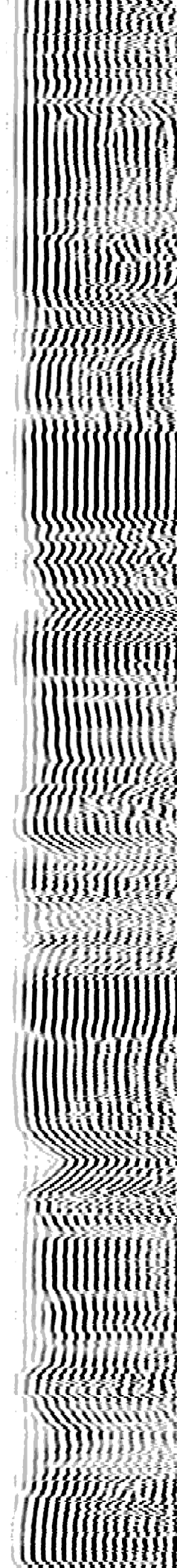
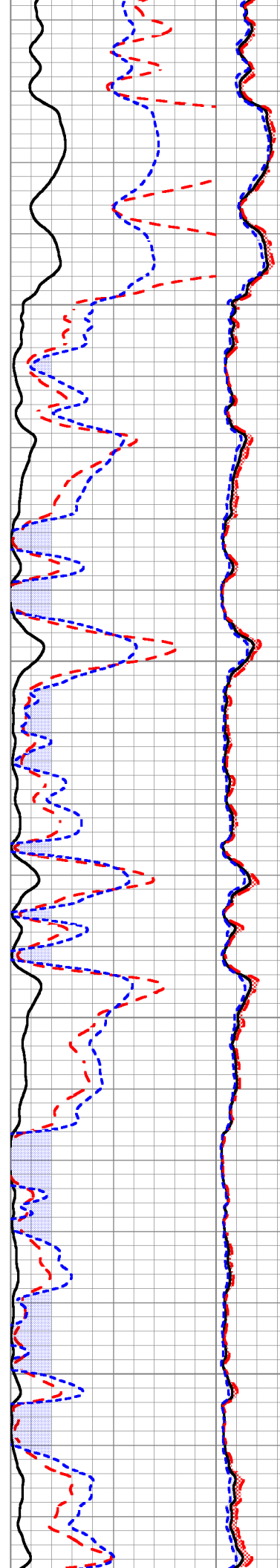


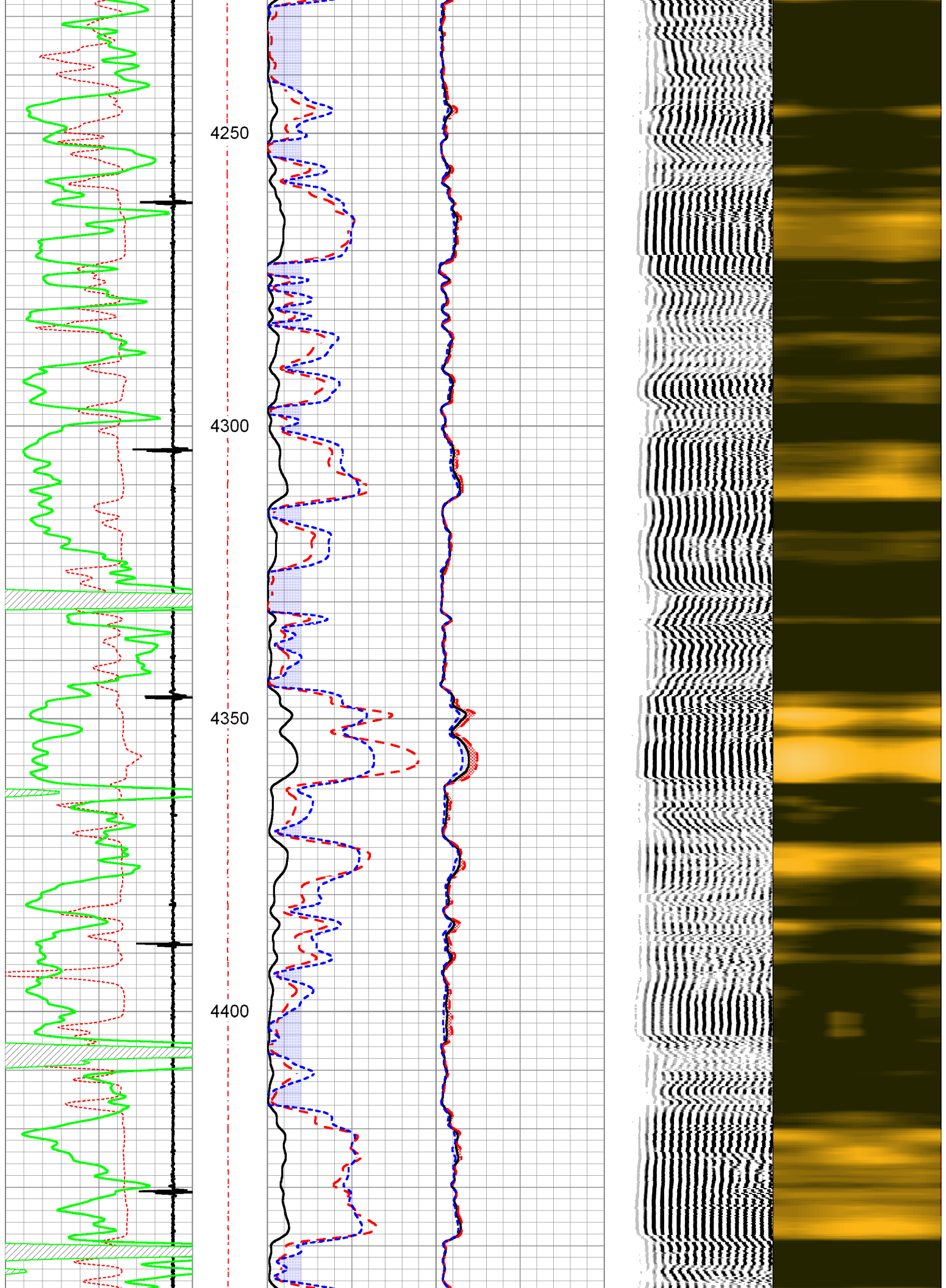
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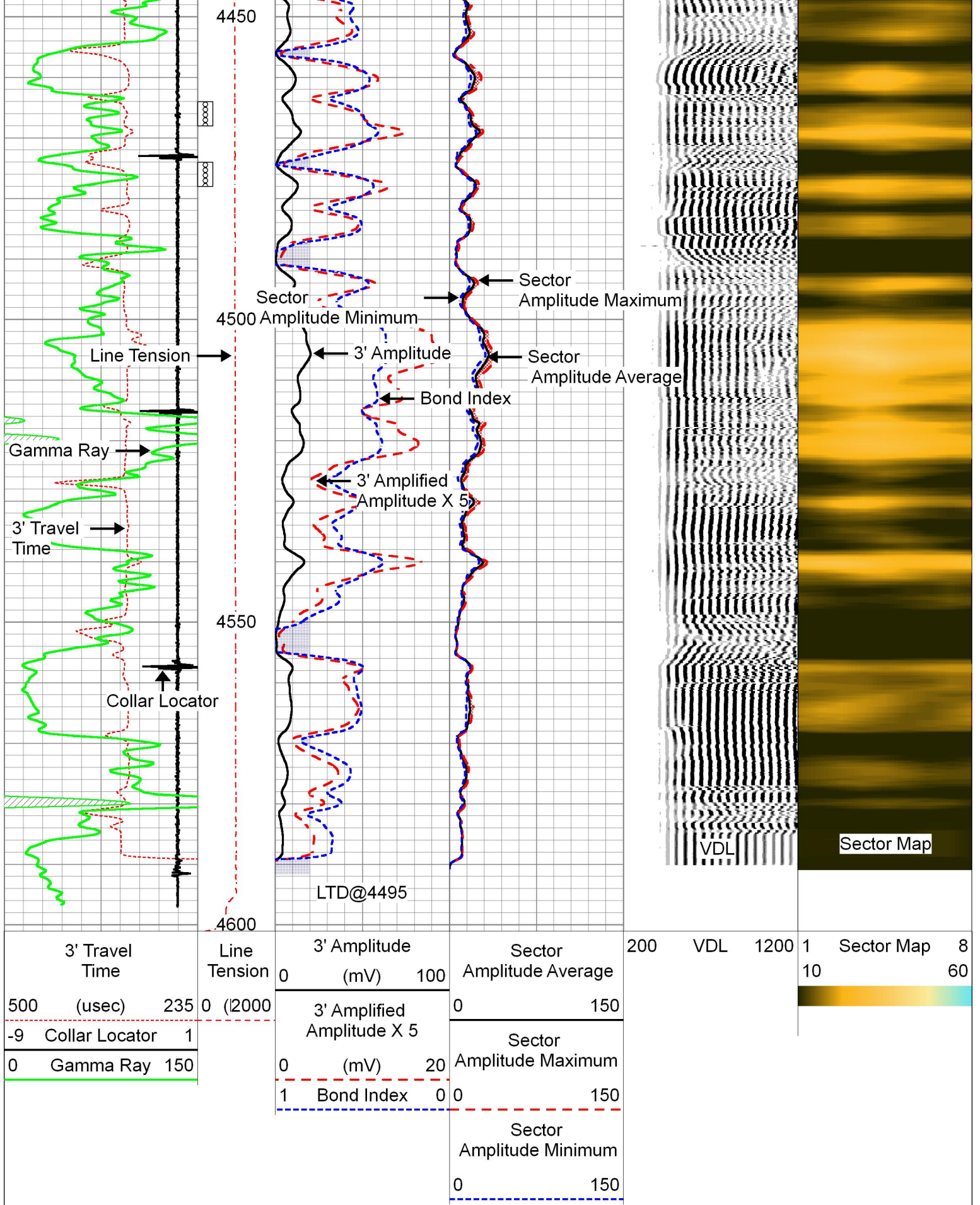
4100

4150

4200

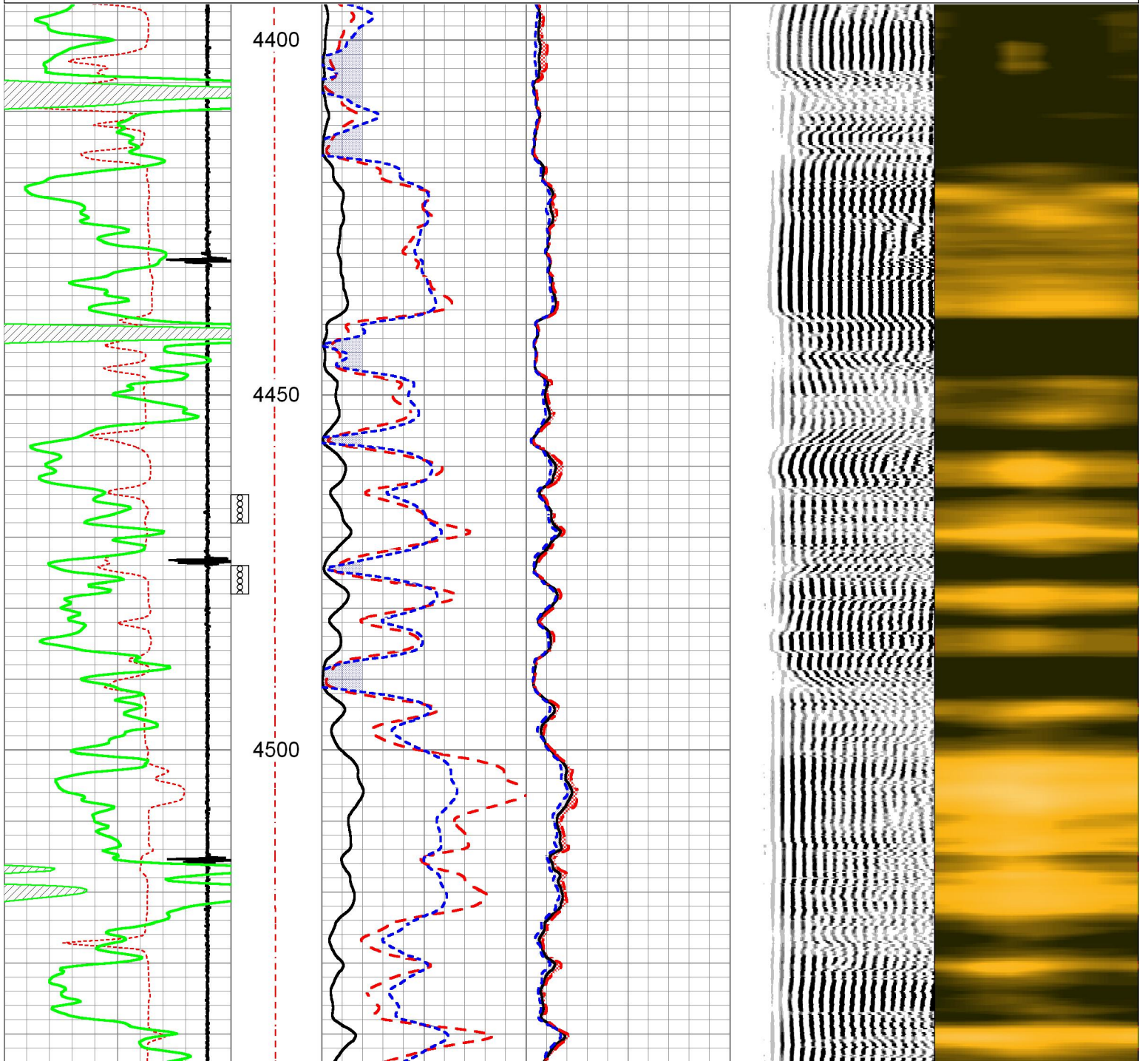


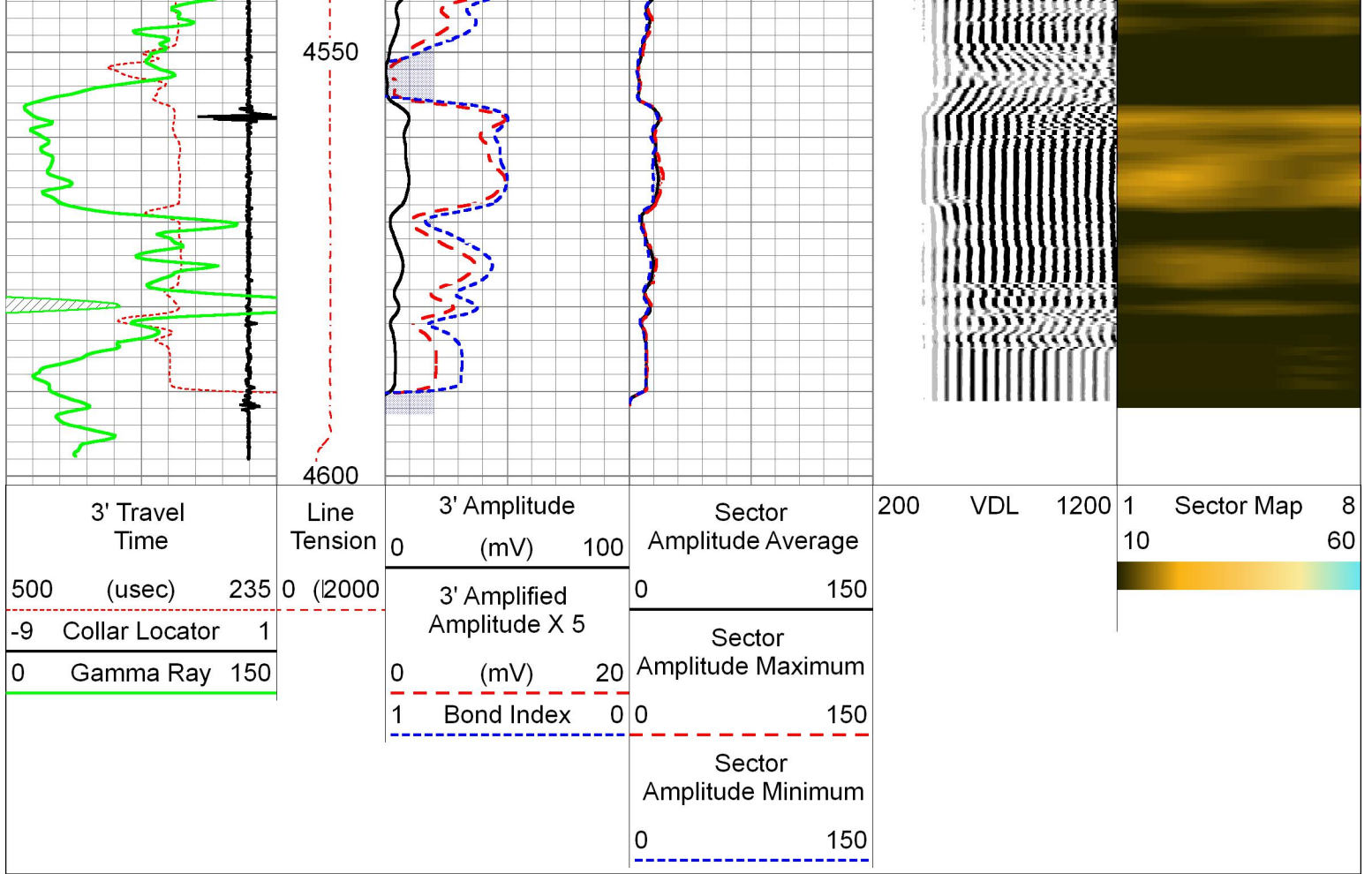




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 Dataset Pathname SCBL/pass3.1
 Presentation Format PINR_S~1
 Dataset Creation Mon Aug 29 08:47:58 2016
 Charted by Depth in Feet scaled 1:240

3' Travel Time		Line Tension 0 (2000)	3' Amplitude (mV) 0 100		Sector Amplitude Average	200	VDL	1200	1	Sector Map	8
500 (usec)	235										
-9 Collar Locator 1			3' Amplified Amplitude X 5		Sector Amplitude Maximum				10	60	
0 Gamma Ray 150			0 (mV) 20		Sector Amplitude Minimum						
		1 Bond Index 0		0							
				0							
				150							





Calibration Report

Database File gulf_lyman_#1-10.db
 Dataset Pathname SCBL/pass4.1
 Dataset Creation Mon Aug 29 09:07:29 2016

Gamma Ray Calibration Report

Serial Number: TigerProbe
 Tool Model: Tiger
 Performed: Thu Sep 17 10:13:13 2015
 Calibrator Value: 1.0
 Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps
 Sensitivity: 0.9200 /cps

Segmented Cement Bond Log Calibration Report

Serial Number: 4.5040904
 Tool Model: Probe
 Calibration Casing Diameter: 5.500 in
 Calibration Depth: 3332.608 ft

Master Calibration, performed Mon Aug 29 08:27:16 2016:

Raw (v)		Calibrated (mv)		Results	
Zero	Cal	Zero	Cal	Gain	Offset

3'	-0.006	1.735	0.000	80.000	45.938	-3.700
CAL	-0.006	2.206				
5'	-0.006	2.034	0.000	80.000	39.219	-3.800
SUM						
S1	-0.006	1.932	0.000	105.000	54.191	0.329
S2	-0.006	1.797	0.000	105.000	58.213	0.372
S3	-0.006	1.564	0.000	105.000	66.890	0.400
S4	-0.007	1.376	0.000	105.000	75.919	0.534
S5	-0.006	1.388	0.000	105.000	75.303	0.463
S6	-0.007	1.600	0.000	105.000	65.349	0.446
S7	-0.006	1.870	0.000	105.000	55.967	0.326
S8	-0.006	1.978	0.000	105.000	52.915	0.327

Air Zero Calibration, performed Tue Aug 25 11:34:16 2015:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	
SUM						
S1	0.000		0.000		0.000	
S2	0.000		0.000		0.000	
S3	0.000		0.000		0.000	
S4	0.000		0.000		0.000	
S5	0.000		0.000		0.000	
S6	0.000		0.000		0.000	
S7	0.000		0.000		0.000	
S8	0.000		0.000		0.000	



Company GULF EXPLORATION LLC
 Well LYMAN #1-10
 Field WILDCAT
 County THOMAS
 State KANSAS

**RADIAL BOND LOG
WITH GAMMA RAY**

Company **GULF EXPLORATION LLC**
 Well **LYMAN #1-10**
 Field **WILD CAT**
 County **THOMAS** State **KANSAS**

Comp. **GULF EXPLORATION LLC**
 Well **LYMAN #1-10**
 Field **WILD CAT**
 Co. **THOMAS**
 State **KANSAS**

Location: **API # : 15-193-20968-00-00** Other Services
943' FNL & 1176' FEL
SEC 10 TWP 7S RGE 36W
PERF
 Permanent Datum **GROUND LEVEL** Elevation **3372'**
 Log Measured From **KELLY BUSHING 5** Above GL
 Drilling Measured From **KELLY BUSHING**
 K.B. **3377'**
 D.F. **N/A**
 G.L. **3372'**

Date of Service	8/29/2016			
Run Number	ONE			
Depth Driller or PBTID	4586'			
Depth Logger	4595'			
Bottom Log Interval	4593'			
Top Log Interval	3350'			
Open Hole Size	7.875"			
Type Fluid	WATER			
Fluid Level	475'			
Fluid Density	N/A			
Max. Recorded Temperature	131			
Max. Wellhead Pressure	00 PSI			
Wellhead Connection	N/A			
Estimated Cement Top	3510'			
Unit Number	18			
Wireline Size	5/16"			
Location	COLBY			
Recorded By	T. MARTIN			
Witnessed By	JIMMY MORRIS			
Tubing Record	Size	WV/Ft	Top	Bottom
Surface Casing	8.625"	23#	00'	345'
Production Casing	5.5"	15.5#	00'	TD
Liner Record				

<<< Fold Here >>>

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Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

**LEVANT, 5 N TO V RD,
6 W TO 5 RD, 1.5 N, NW INTO**

THANK YOU FOR USING PIONEER ENERGY SERVICES!

Your Pioneer Energy Services Crew	Tool Data - Services	Serial Number
Engineer: T. MARTIN Operator: Operator: Operator:		

Top - Bottom

PPT usec 0	CASEWGHT lb/ft 15.5	MAXAMPL mV 0	MINAMPL mV 1	MINATTN db/ft 0.8	SRFTEMP degF 80	CASETHCK in 0.275
CASEOD in 5.5	PERFS 0	TDEPTH ft 4595	BOTTEMP degF 131	BOREID in 7.875		

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
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WVFS7	11.63					
WVFS6	11.63					
WVFS5	11.63					
WVFS4	11.63					
WVFS3	11.63					
WVFS2	11.63					
WVFS1	11.63					
WVFCAL	11.63					
WVF3FT	11.63					
WVF5FT	10.63					
			CENT-Probe Probe Centralizer	2.83	2.75	20.00
CCL	3.63					

GR 2.30

GR_CCL-Tiger (TigerProbe)

4.54

2.75

50.00



Dataset: gulf_lyman_#1-10.db: field/well/SCBL/pass4.1
 Total length: 18.96 ft
 Total weight: 197.00 lb
 O.D.: 2.75 in

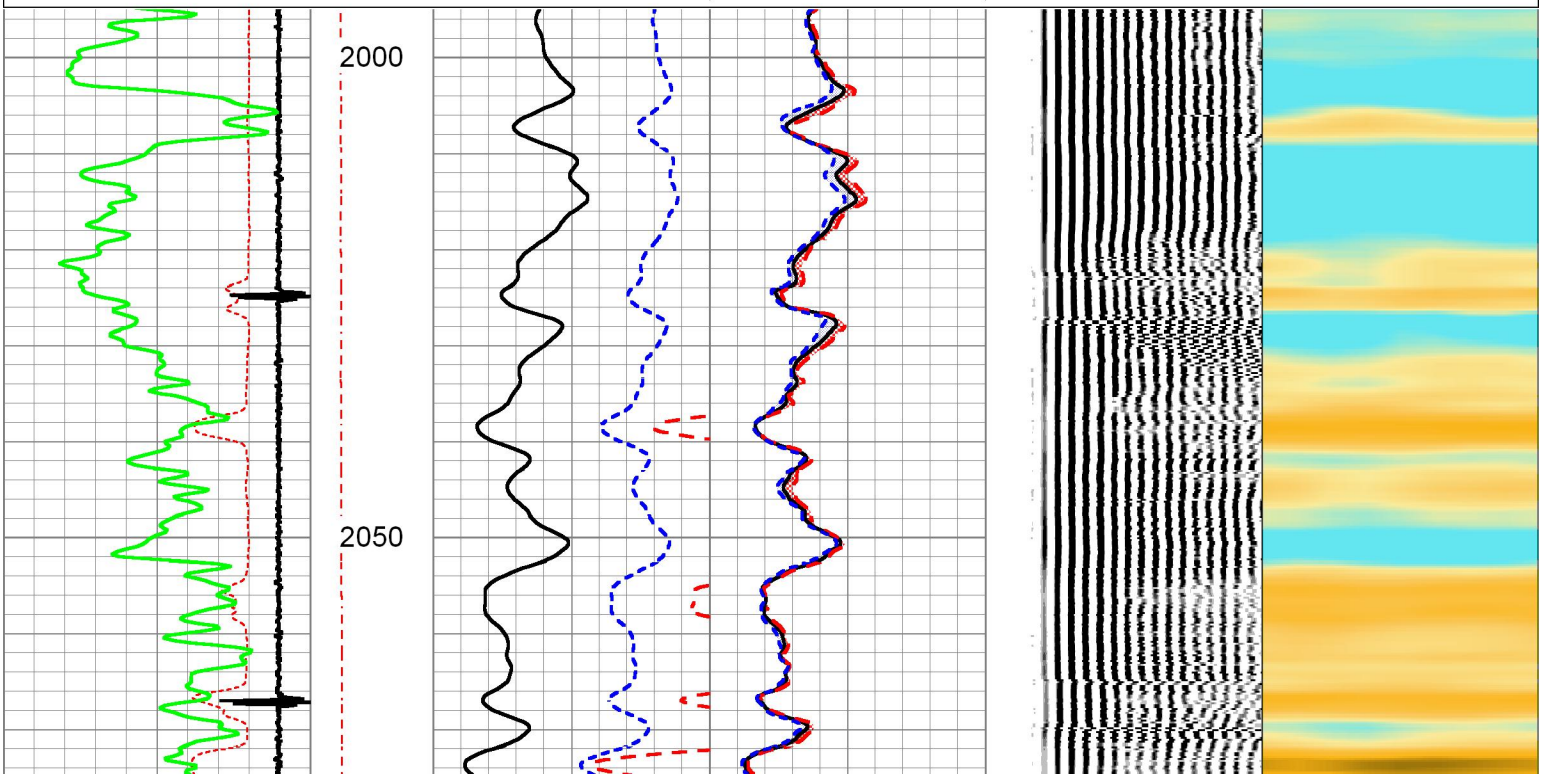


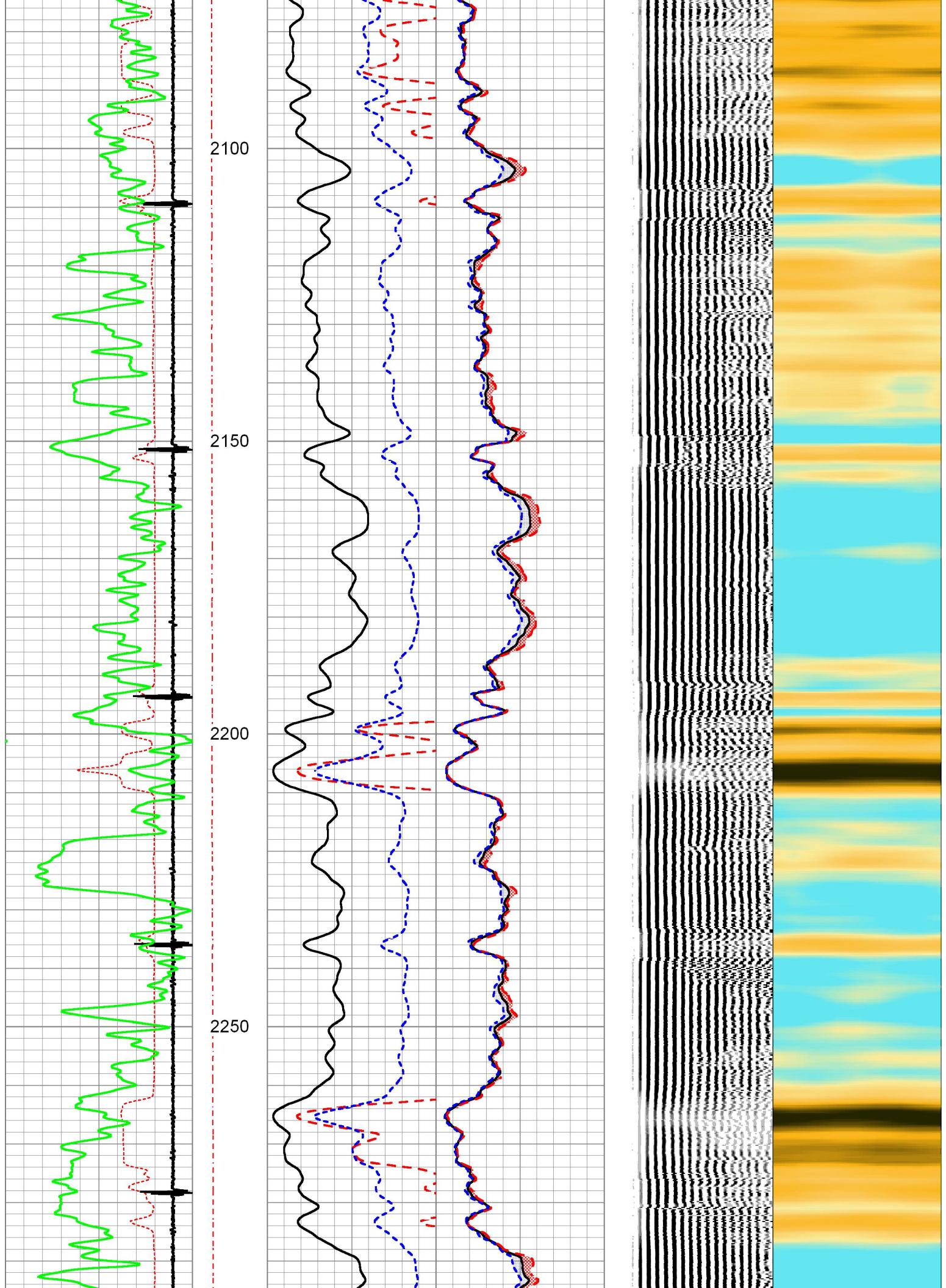
DV @ 3122'

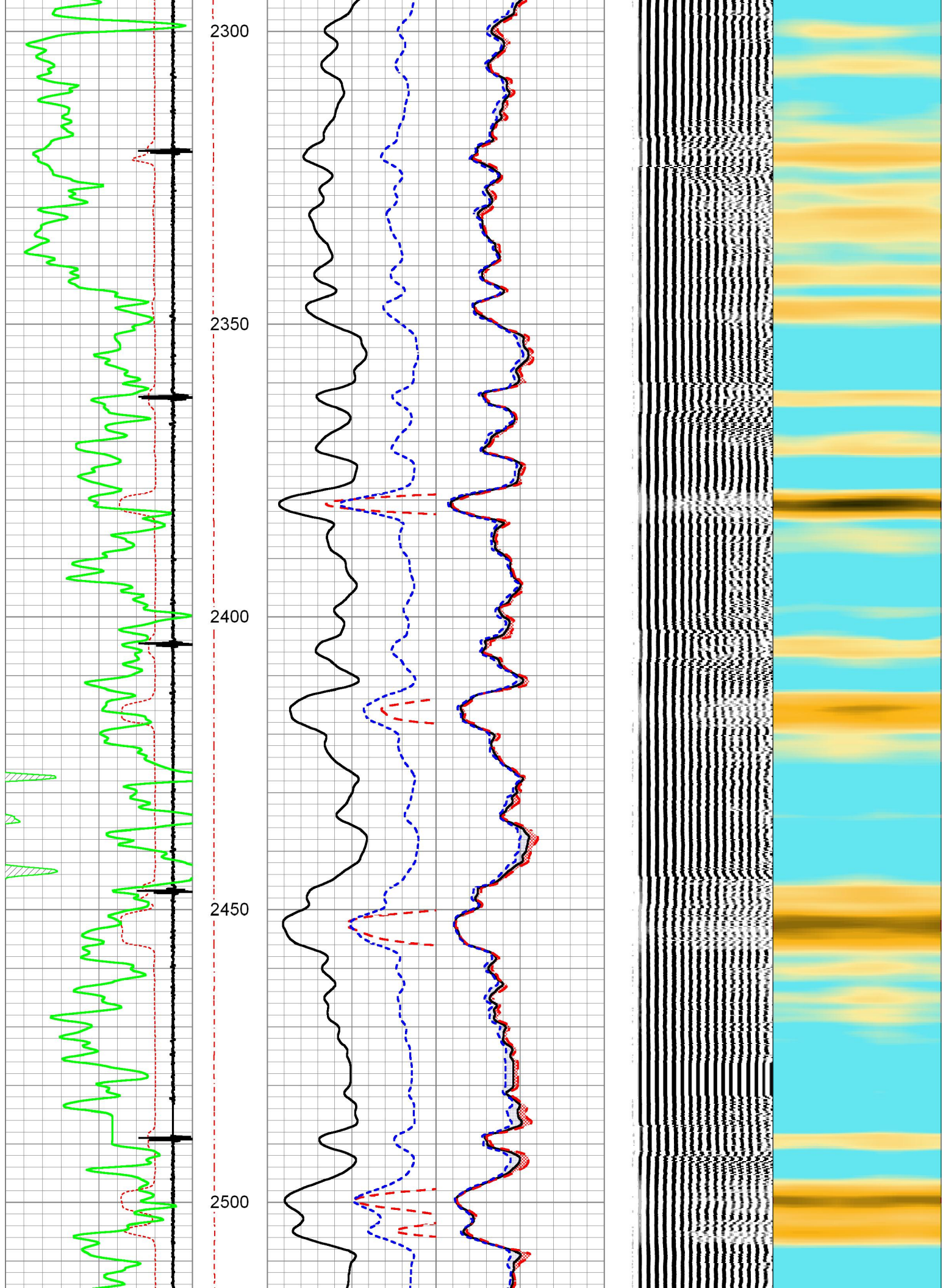
00 PSI SURFACE PRESSURE

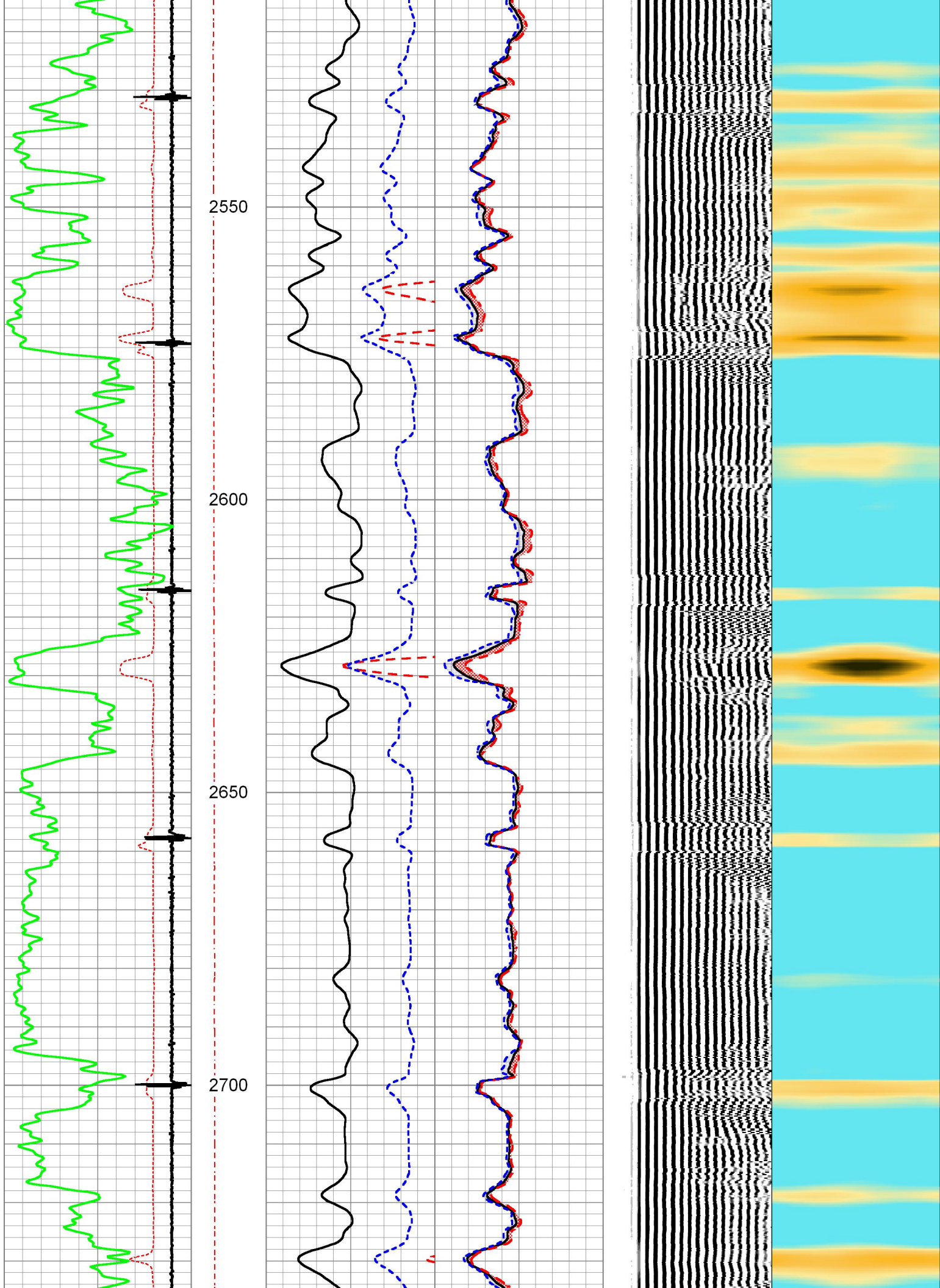
Database File gulf_lyman_#1-10.db
 Dataset Pathname SCBL/pass5.1
 Presentation Format PINR_S~1
 Dataset Creation Mon Aug 29 09:31:18 2016
 Charted by Depth in Feet scaled 1:240

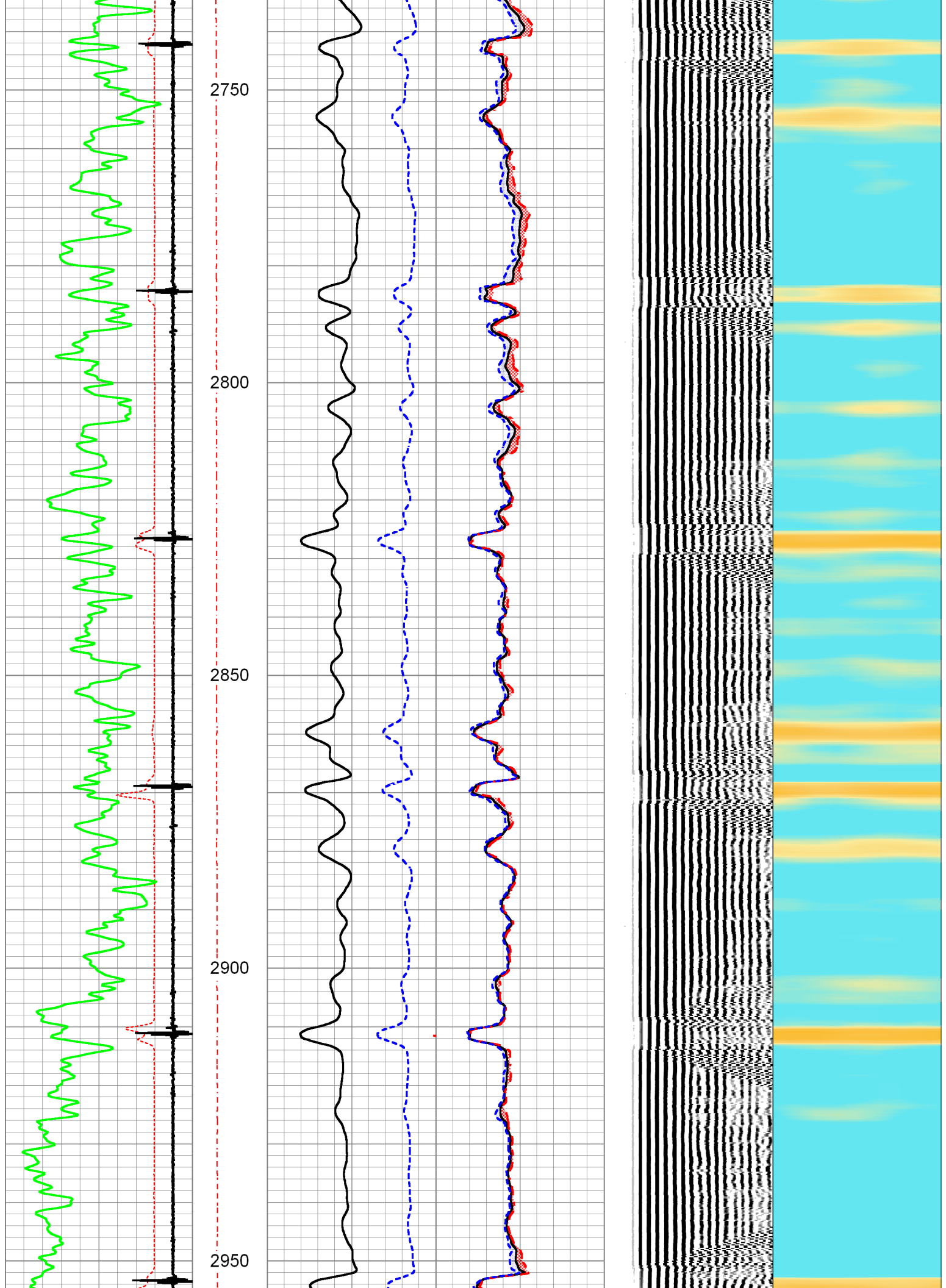
3' Travel Time	Line Tension	3' Amplitude (mV)	Sector Amplitude Average	200	VDL	1200	1	Sector Map	8
500 (usec) 235	0 (2000)	0 100	0 150				10		60
-9 Collar Locator 1		3' Amplified Amplitude X 5	Sector Amplitude Maximum						
0 Gamma Ray 150		0 (mV) 20	0 150						
		1 Bond Index 0	Sector Amplitude Minimum						
			0 150						

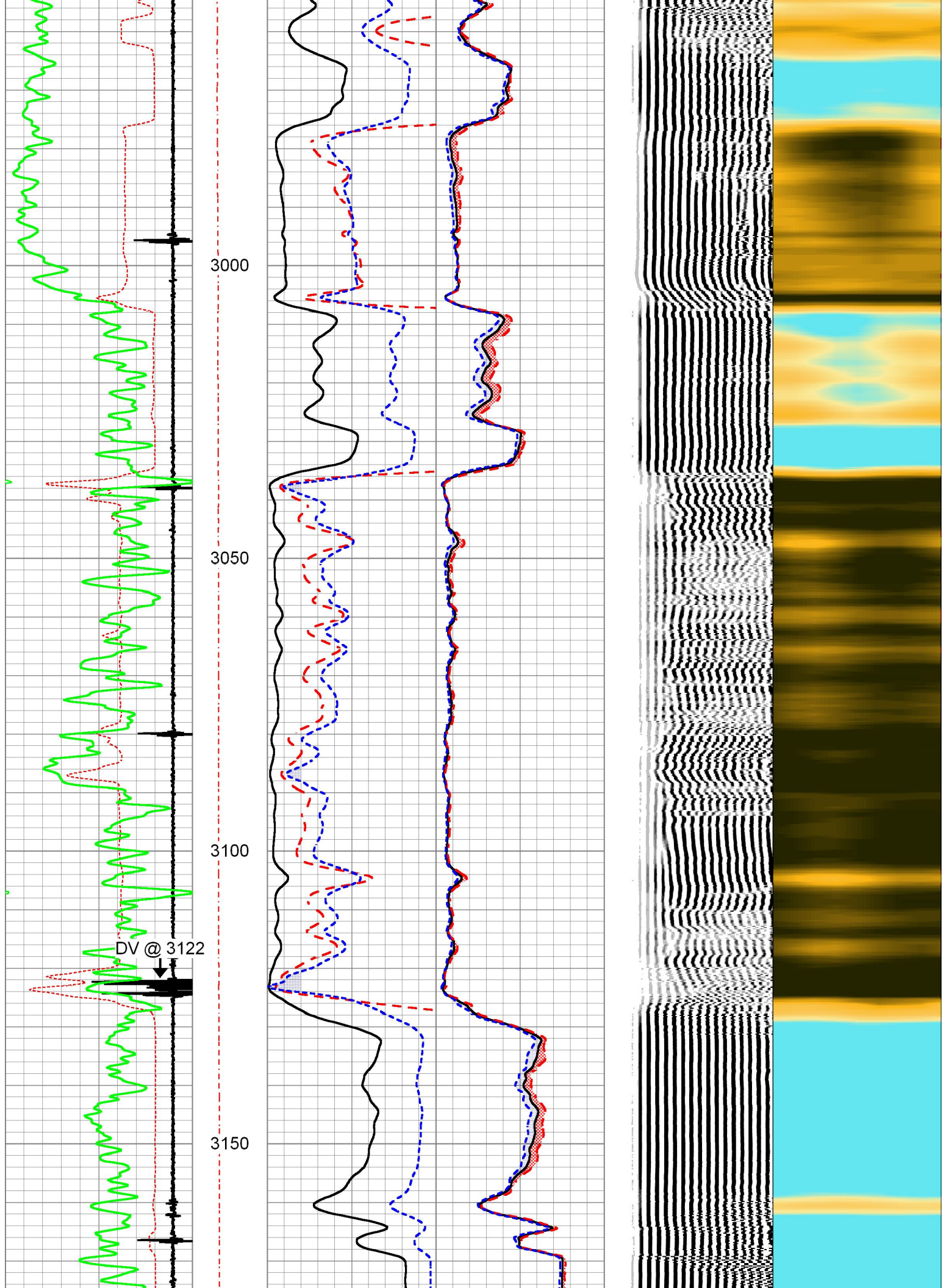


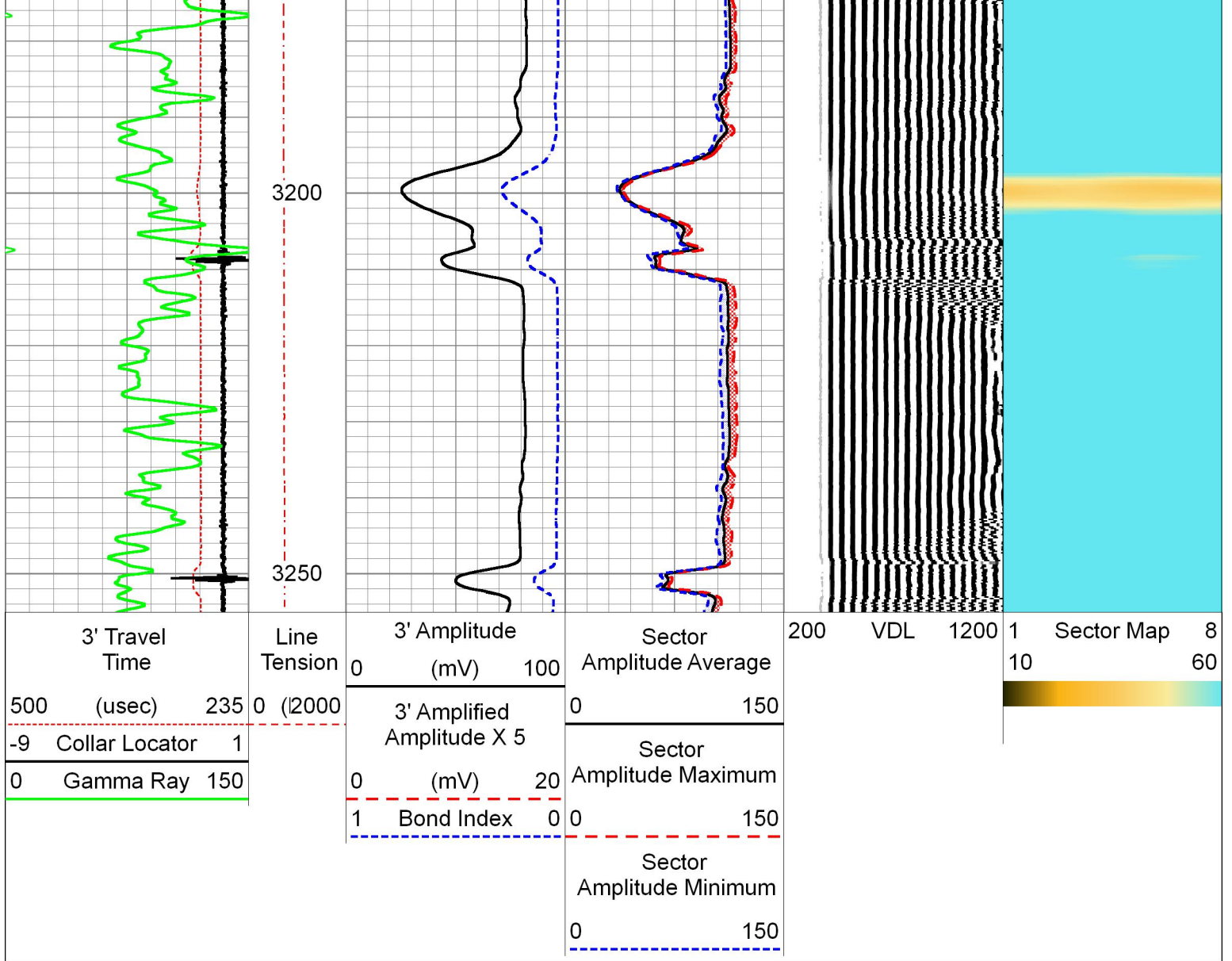






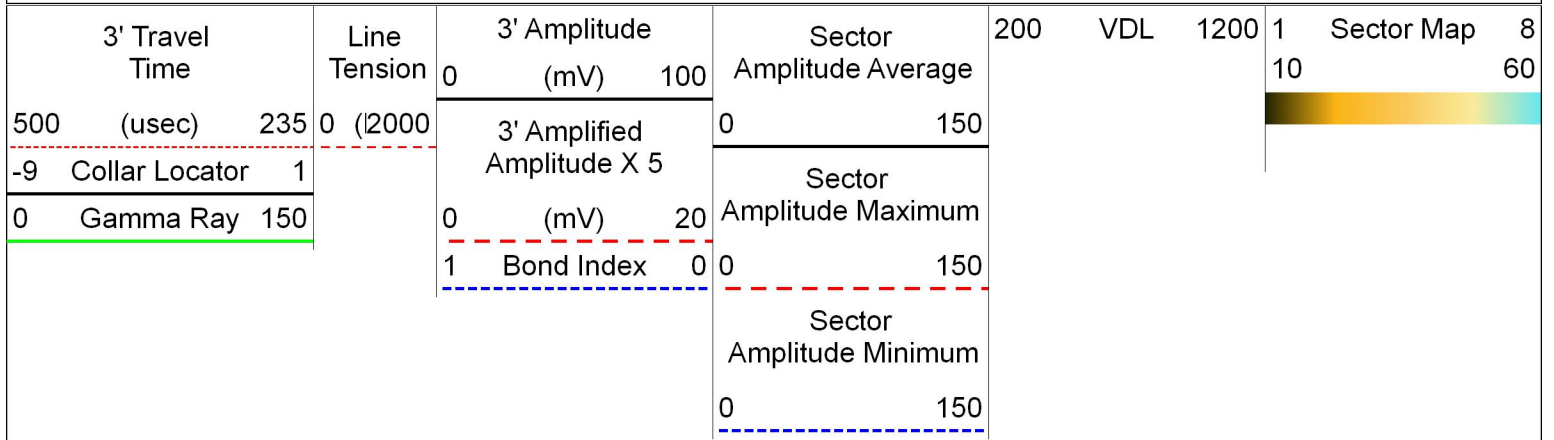


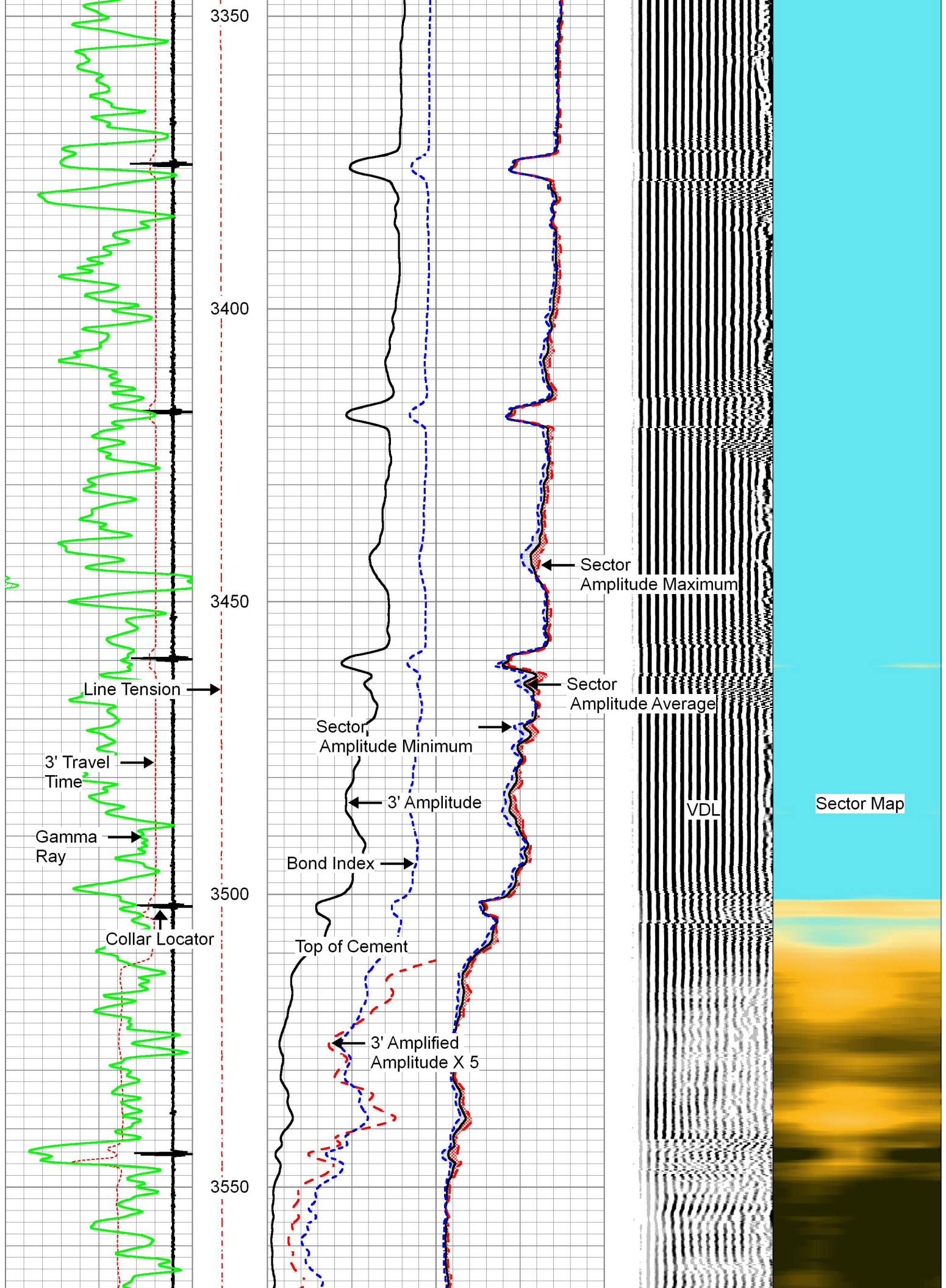


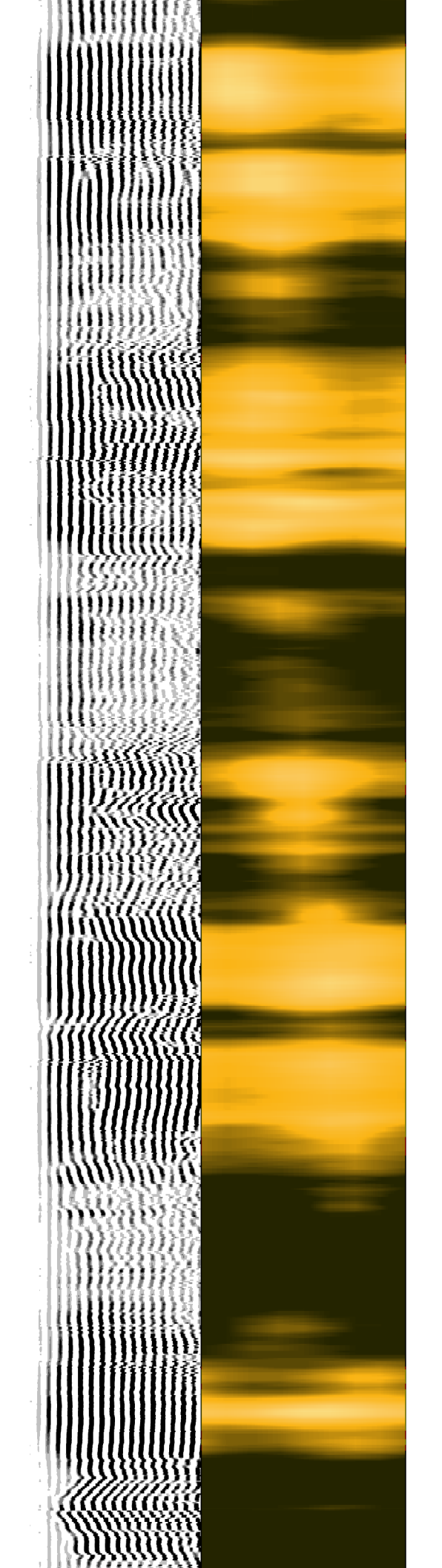
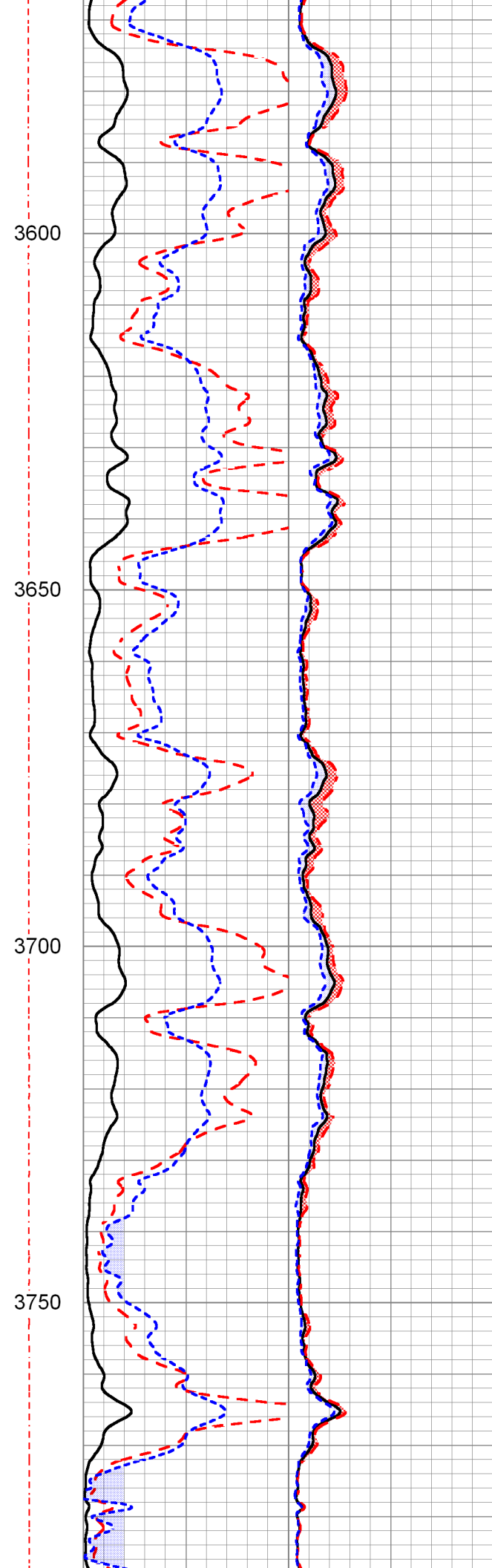
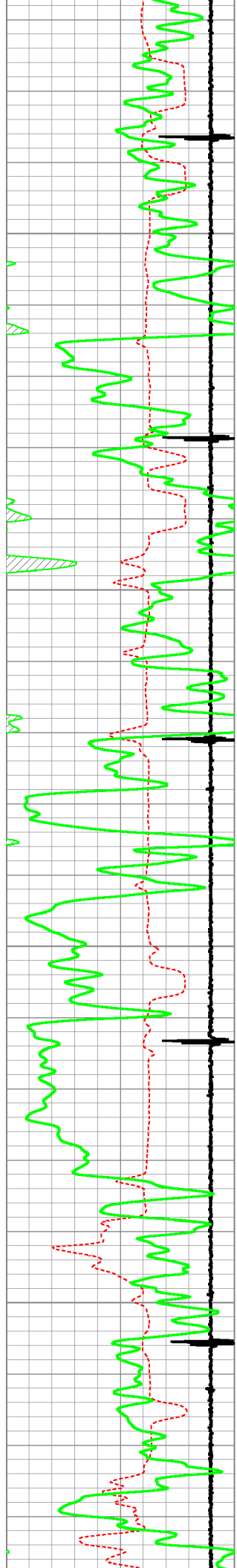


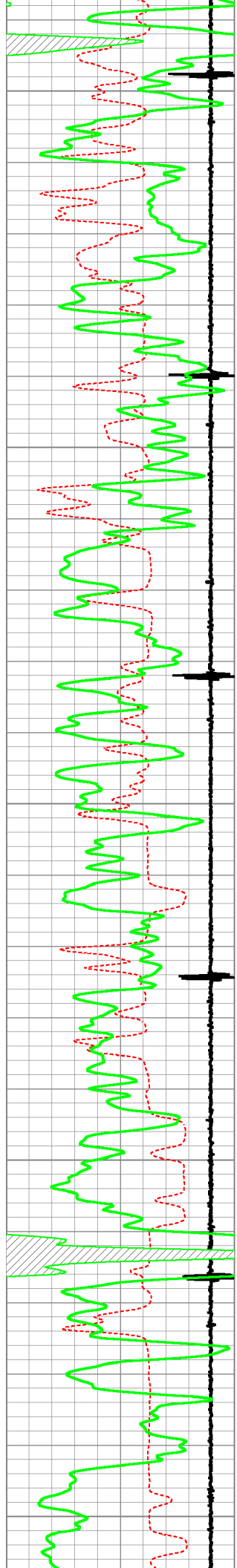
	<h1>MAIN PASS</h1> <h2>00 PSI SURFACE PRESSURE</h2>
--	---

Database File	gulf_lyman_#1-10.db
Dataset Pathname	SCBL/pass4.1
Presentation Format	PINR_S~1
Dataset Creation	Mon Aug 29 09:07:29 2016
Charted by	Depth in Feet scaled 1:240









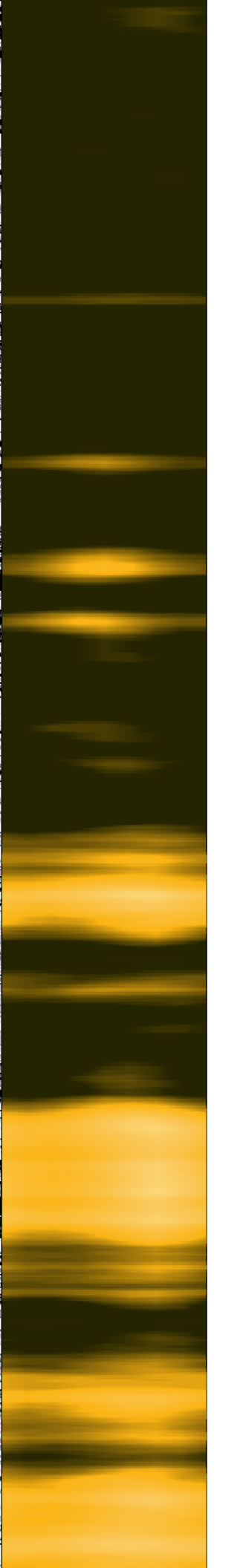
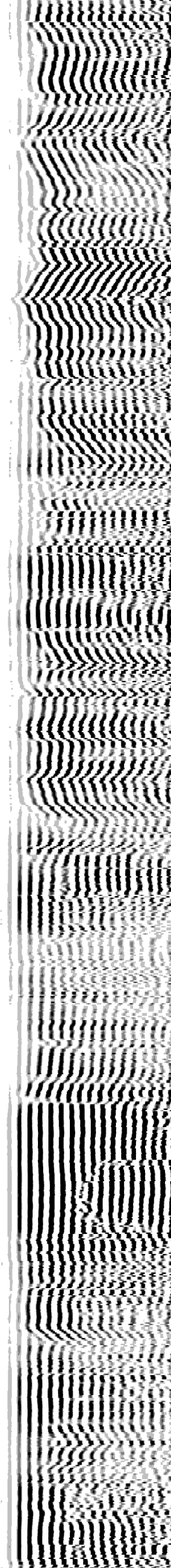
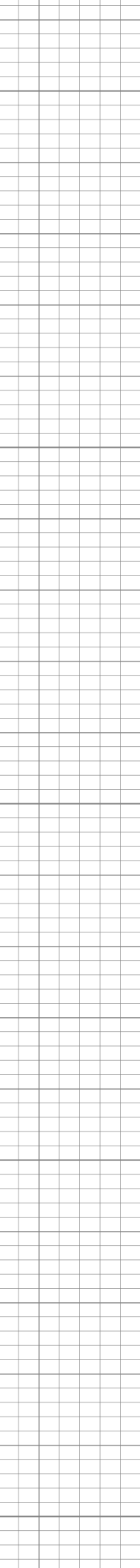
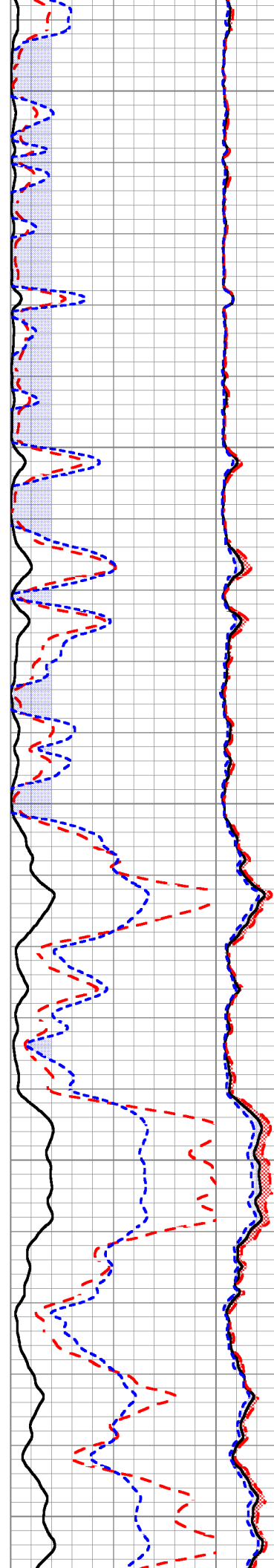
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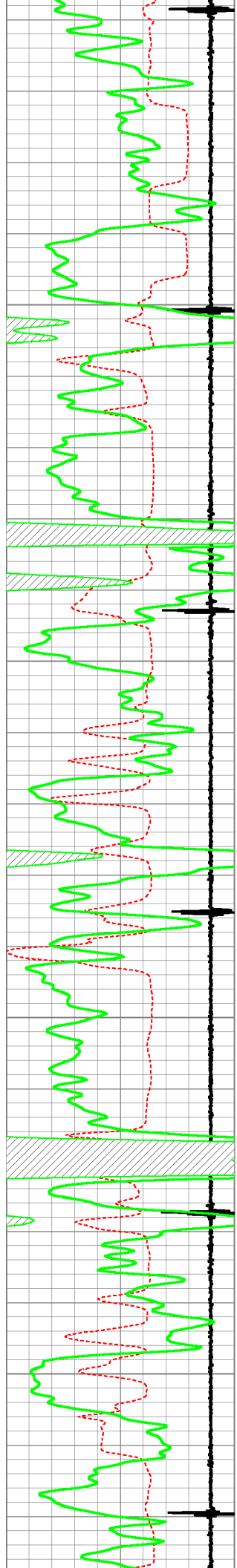
3850

3900

3950

4000



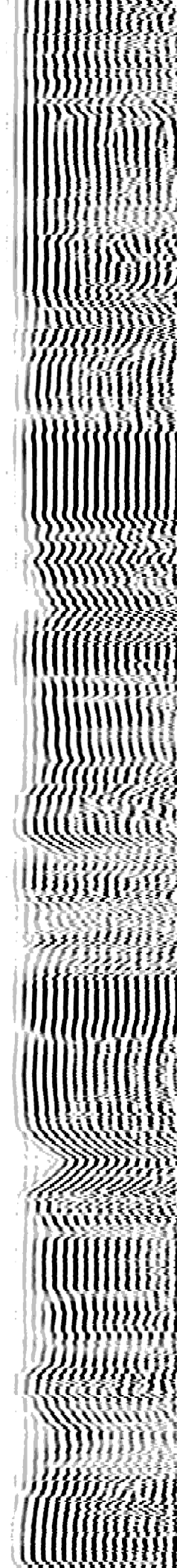
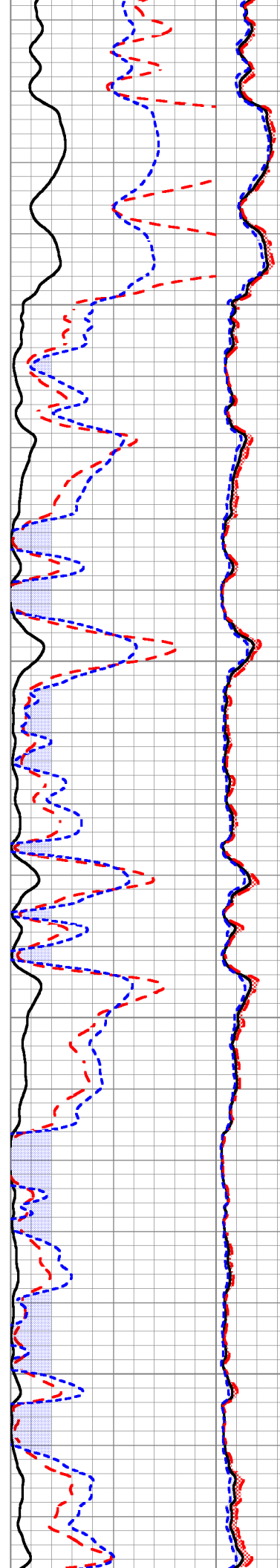


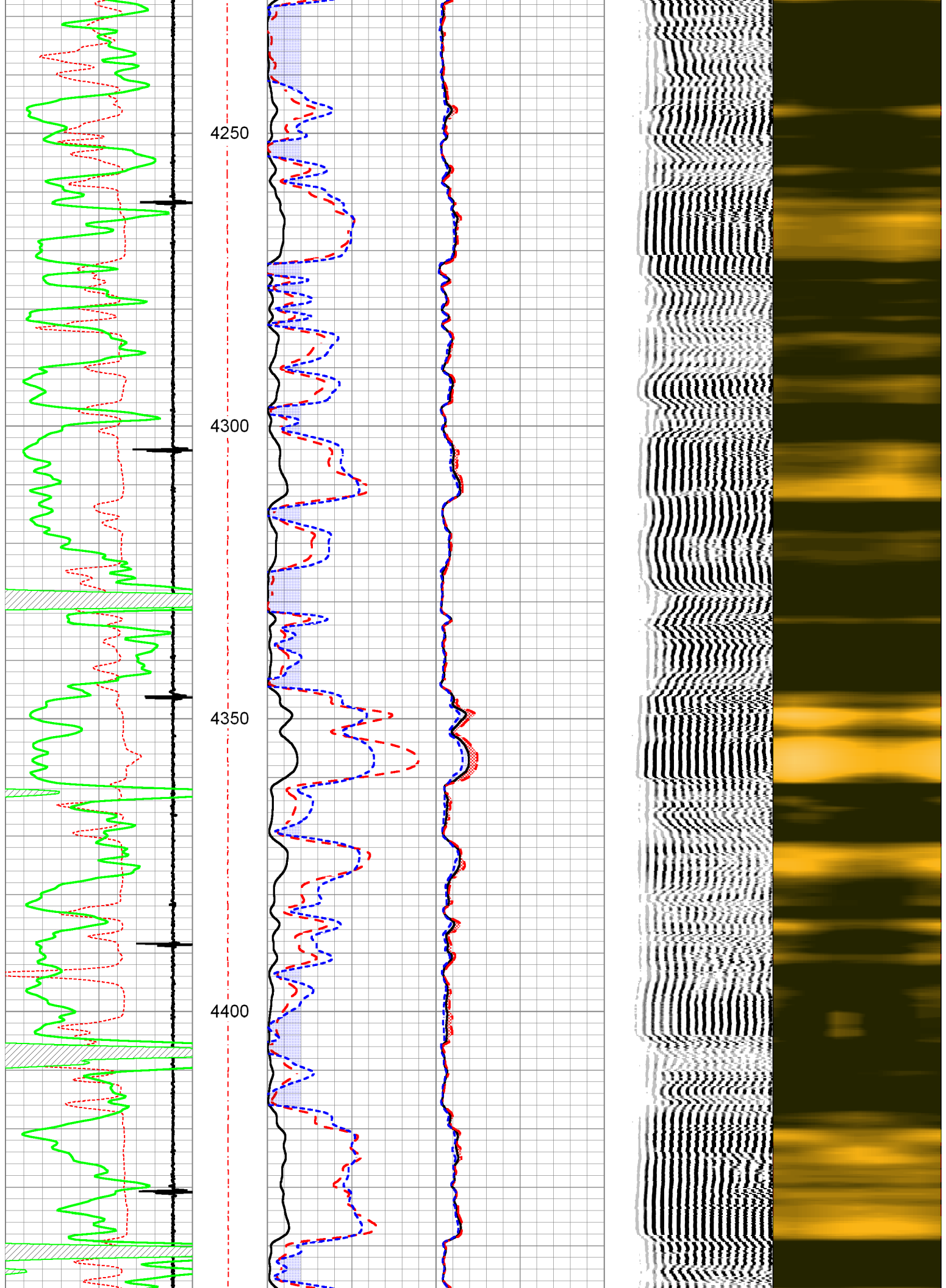
4050

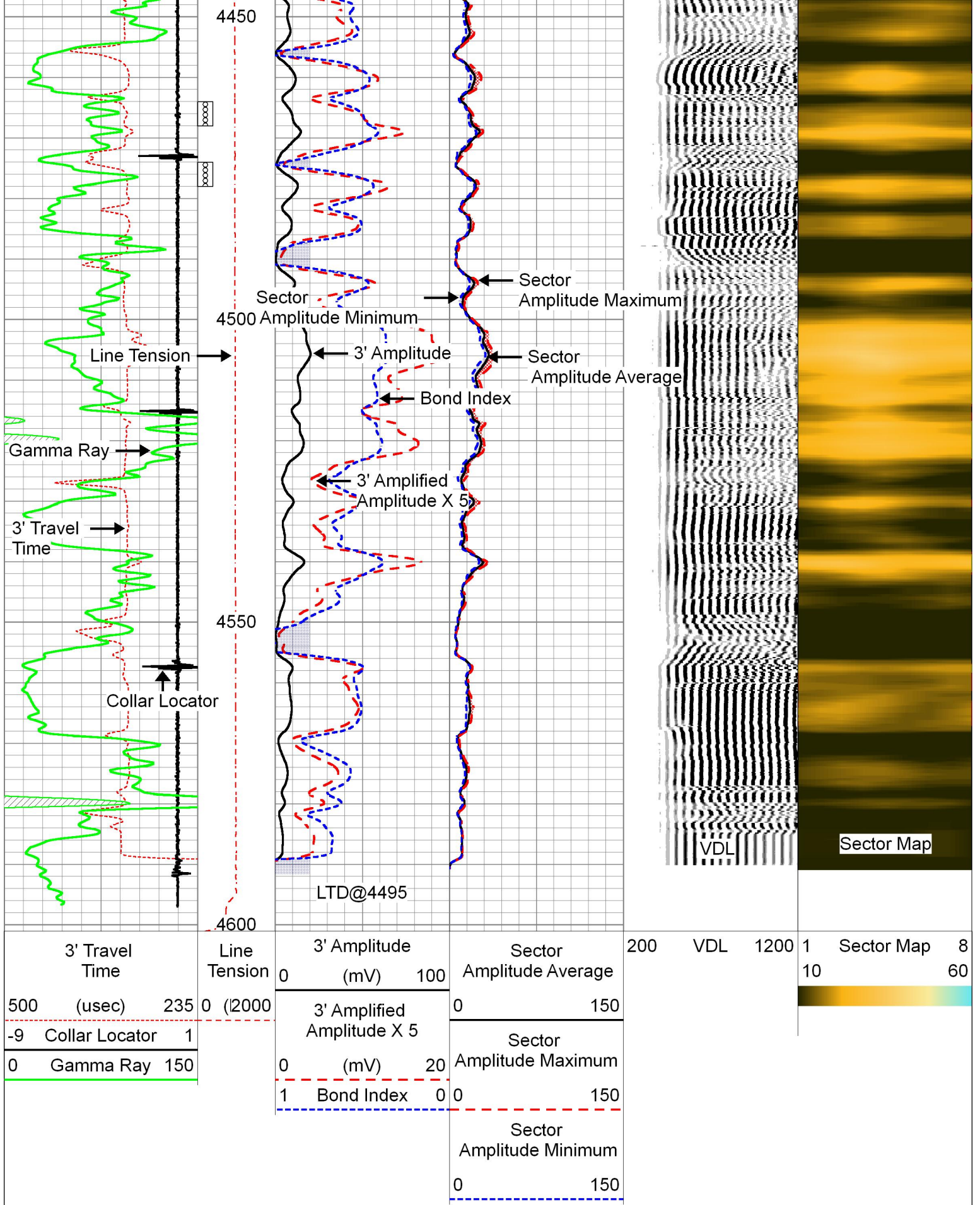
4100

4150

4200

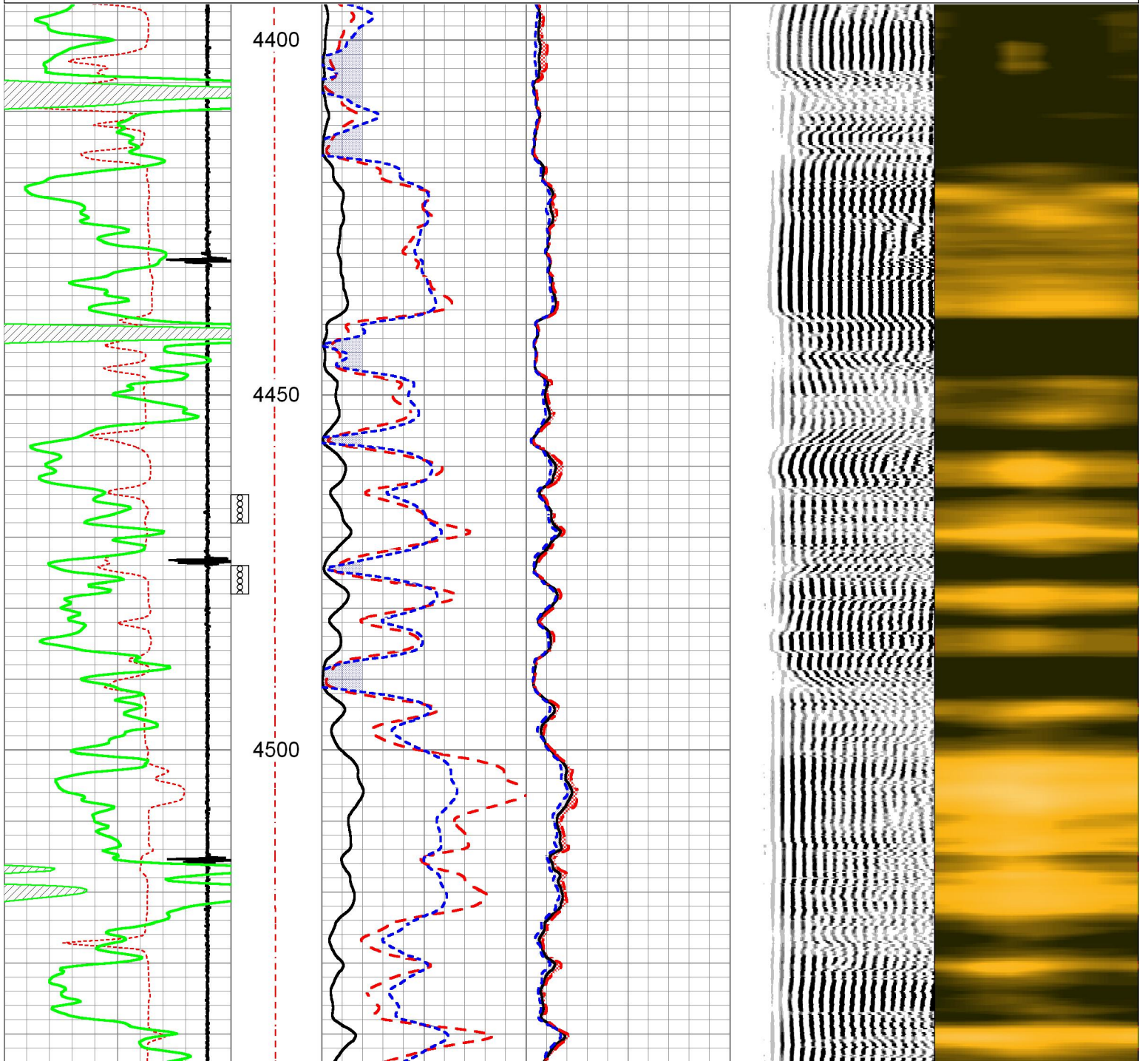


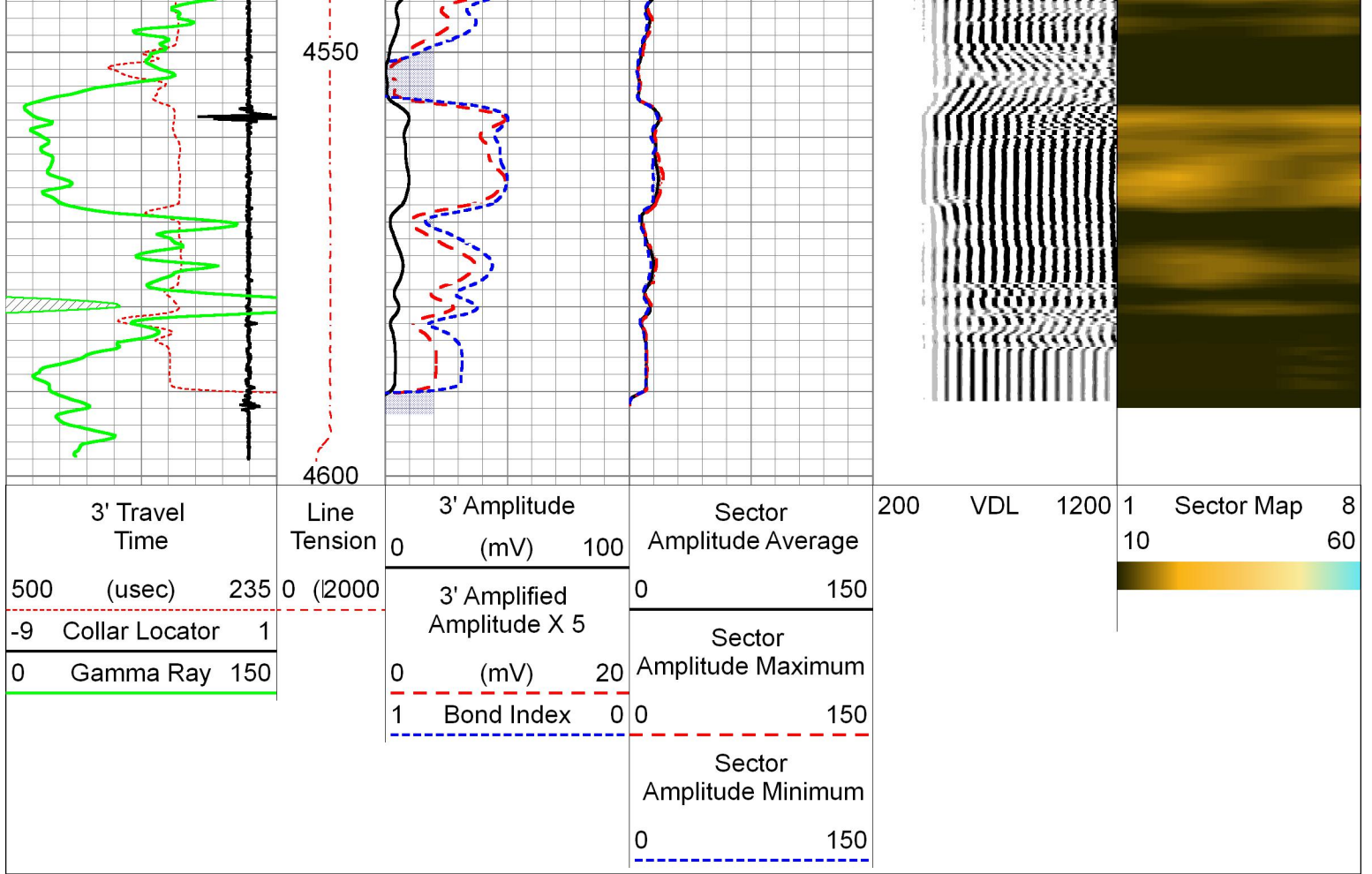




Database File gulf_lyman_#1-10.db
 Dataset Pathname SCBL/pass3.1
 Presentation Format PINR_S~1
 Dataset Creation Mon Aug 29 08:47:58 2016
 Charted by Depth in Feet scaled 1:240

3' Travel Time	Line Tension	3' Amplitude (mV)	Sector Amplitude Average	200	VDL	1200	1	Sector Map	8
500 (usec) 235	0 (2000)	0 100	0 150				10		60
-9 Collar Locator 1		3' Amplified Amplitude X 5	Sector Amplitude Maximum						
0 Gamma Ray 150		0 (mV) 20	0 150						
		1 Bond Index 0	0 150						
			Sector Amplitude Minimum						
			0 150						





Calibration Report

Database File gulf_lyman_#1-10.db
 Dataset Pathname SCBL/pass4.1
 Dataset Creation Mon Aug 29 09:07:29 2016

Gamma Ray Calibration Report

Serial Number: TigerProbe
 Tool Model: Tiger
 Performed: Thu Sep 17 10:13:13 2015
 Calibrator Value: 1.0
 Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps
 Sensitivity: 0.9200 /cps

Segmented Cement Bond Log Calibration Report

Serial Number: 4.5040904
 Tool Model: Probe
 Calibration Casing Diameter: 5.500 in
 Calibration Depth: 3332.608 ft

Master Calibration, performed Mon Aug 29 08:27:16 2016:

Raw (v)		Calibrated (mv)		Results	
Zero	Cal	Zero	Cal	Gain	Offset

3'	-0.006	1.735	0.000	80.000	45.938	-3.700
CAL	-0.006	2.206				
5'	-0.006	2.034	0.000	80.000	39.219	-3.800
SUM						
S1	-0.006	1.932	0.000	105.000	54.191	0.329
S2	-0.006	1.797	0.000	105.000	58.213	0.372
S3	-0.006	1.564	0.000	105.000	66.890	0.400
S4	-0.007	1.376	0.000	105.000	75.919	0.534
S5	-0.006	1.388	0.000	105.000	75.303	0.463
S6	-0.007	1.600	0.000	105.000	65.349	0.446
S7	-0.006	1.870	0.000	105.000	55.967	0.326
S8	-0.006	1.978	0.000	105.000	52.915	0.327

Air Zero Calibration, performed Tue Aug 25 11:34:16 2015:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	
SUM						
S1	0.000		0.000		0.000	
S2	0.000		0.000		0.000	
S3	0.000		0.000		0.000	
S4	0.000		0.000		0.000	
S5	0.000		0.000		0.000	
S6	0.000		0.000		0.000	
S7	0.000		0.000		0.000	
S8	0.000		0.000		0.000	



Company GULF EXPLORATION LLC
Well LYMAN #1-10
Field WILDCAT
County THOMAS
State KANSAS



**RADIAL BOND LOG
WITH GAMMA RAY**

Company **GULF EXPLORATION LLC**
 Well **LYMAN #1-10**
 Field **WILD CAT**
 County **THOMAS** State **KANSAS**

Comp. **GULF EXPLORATION LLC**
 Well **LYMAN #1-10**
 Field **WILD CAT**
 Co. **THOMAS**
 State **KANSAS**

Location: **API # : 15-193-20968-00-00** Other Services
943' FNL & 1176' FEL
SEC 10 TWP 7S RGE 36W
PERF
 Permanent Datum **GROUND LEVEL Elevation 3372'**
 Log Measured From **KELLY BUSHING 5 Above GL**
 Drilling Measured From **KELLY BUSHING**
 Elevation **K.B. 3377'**
D.F. N/A
G.L. 3372'

Date of Service	8/29/2016			
Run Number	ONE			
Depth Driller or PBTID	4586'			
Depth Logger	4595'			
Bottom Log Interval	4593'			
Top Log Interval	3350'			
Open Hole Size	7.875"			
Type Fluid	WATER			
Fluid Level	475'			
Fluid Density	N/A			
Max. Recorded Temperature	131			
Max. Wellhead Pressure	00 PSI			
Wellhead Connection	N/A			
Estimated Cement Top	3510'			
Unit Number	18			
Wireline Size	5/16"			
Location	COLBY			
Recorded By	T. MARTIN			
Witnessed By	JIMMY MORRIS			
Tubing Record	Size	WV/Ft	Top	Bottom
Surface Casing	8.625"	23#	00'	345'
Production Casing	5.5"	15.5#	00'	TD
Liner Record				

<<< 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.

**LEVANT, 5 N TO V RD,
6 W TO 5 RD, 1.5 N, NW INTO**

THANK YOU FOR USING PIONEER ENERGY SERVICES!

Your Pioneer Energy Services Crew	Tool Data - Services	Serial Number
Engineer: T. MARTIN Operator: Operator: Operator:		

Top - Bottom

PPT usec 0	CASEWGHT lb/ft 15.5	MAXAMPL mV 0	MINAMPL mV 1	MINATTN db/ft 0.8	SRFTEMP degF 80	CASETHCK in 0.275
CASEOD in 5.5	PERFS 0	TDEPTH ft 4595	BOTTEMP degF 131	BOREID in 7.875		

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CENT-Probe Probe Centralizer	2.83	2.75	20.00
WVFS8	11.63		RBT-Probe (4.5040904) Probe Radii Bond Tool with Digital Telemetry	8.75	2.75	107.00
WVFS7	11.63					
WVFS6	11.63					
WVFS5	11.63					
WVFS4	11.63					
WVFS3	11.63					
WVFS2	11.63					
WVFS1	11.63					
WVFCAL	11.63					
WVF3FT	11.63					
WVF5FT	10.63					
			CENT-Probe Probe Centralizer	2.83	2.75	20.00
CCL	3.63					

GR 2.30

GR_CCL-Tiger (TigerProbe)

4.54

2.75

50.00



Dataset: gulf_lyman_#1-10.db: field/well/SCBL/pass4.1
 Total length: 18.96 ft
 Total weight: 197.00 lb
 O.D.: 2.75 in

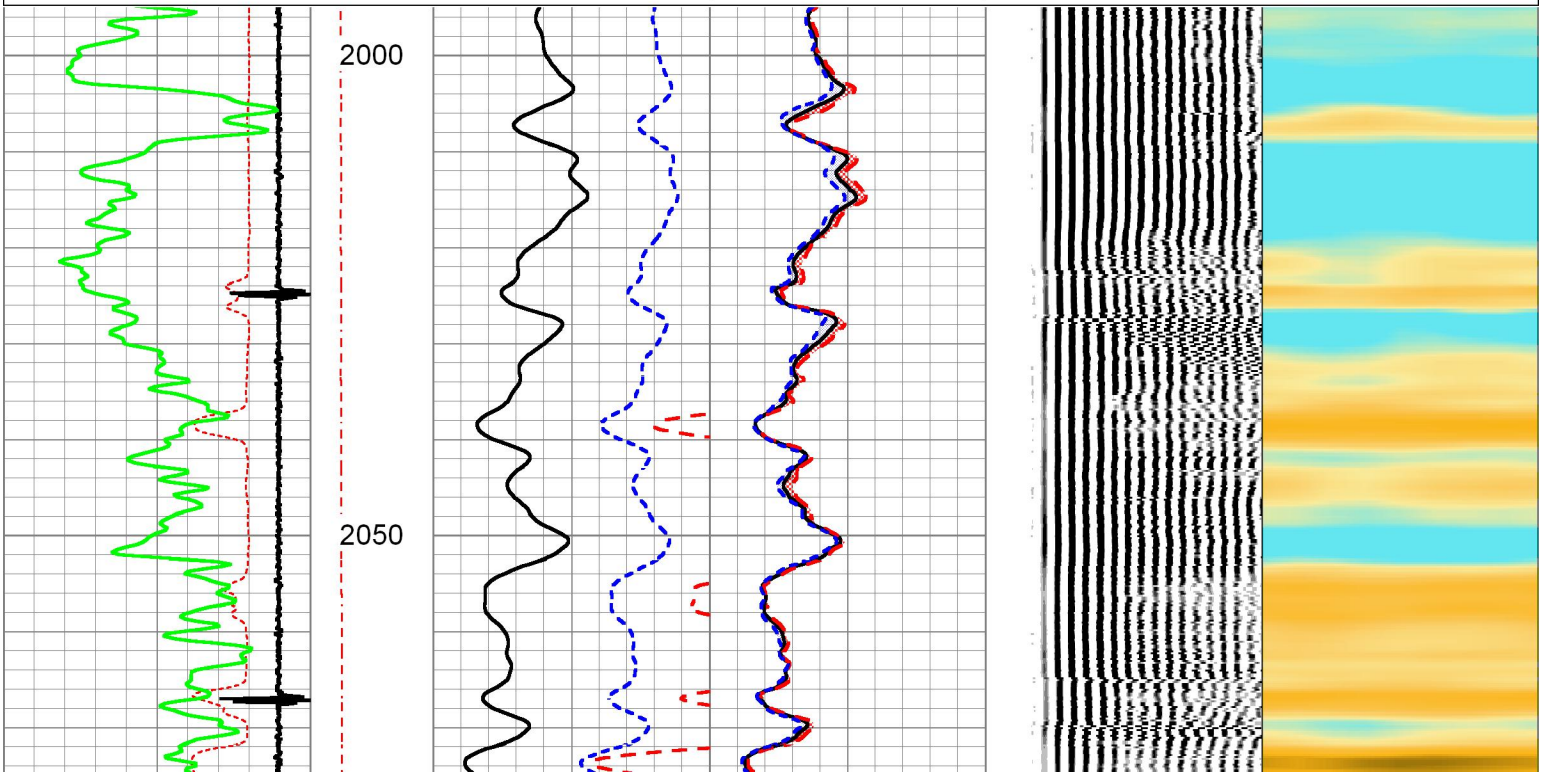


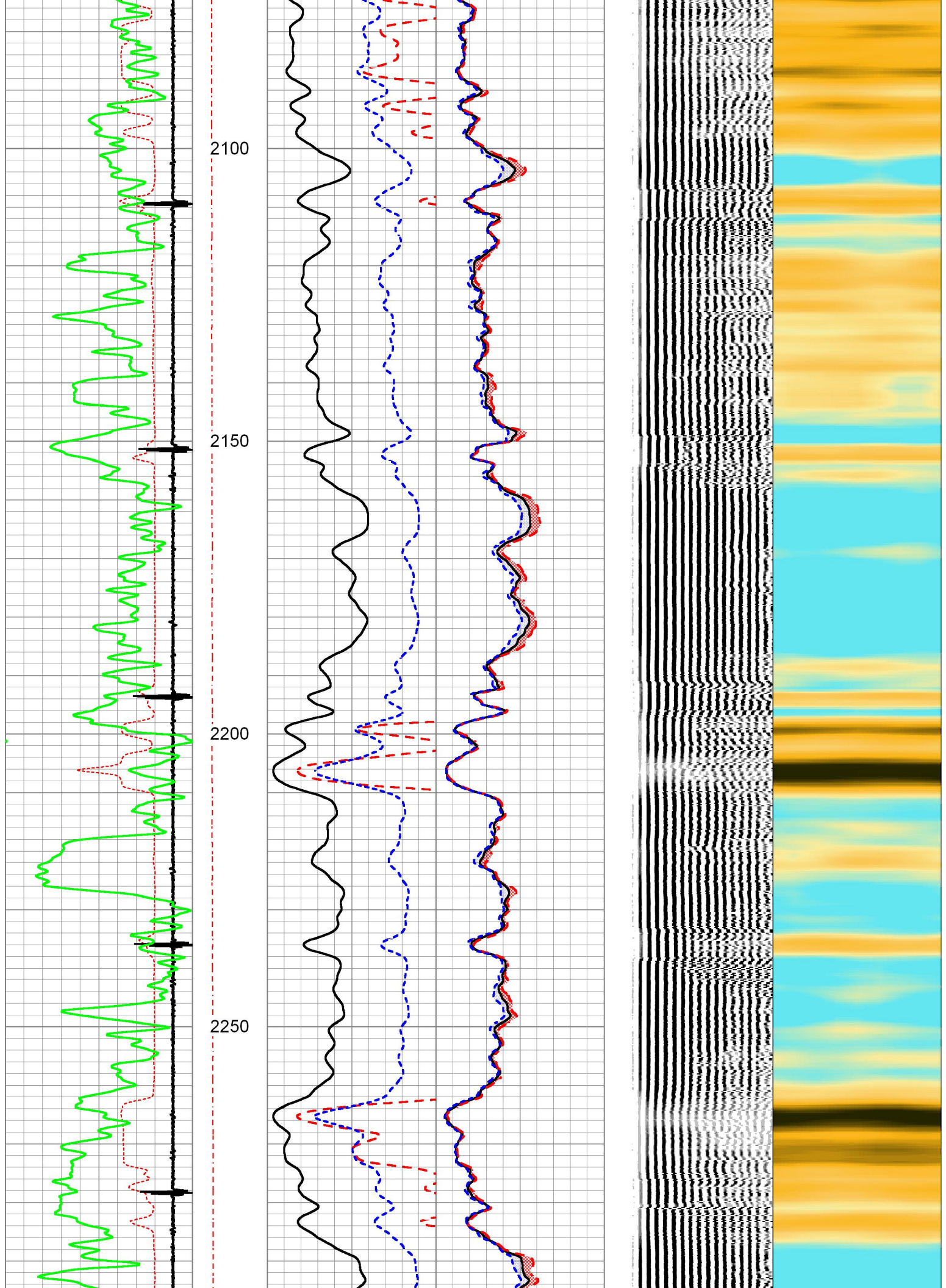
DV @ 3122'

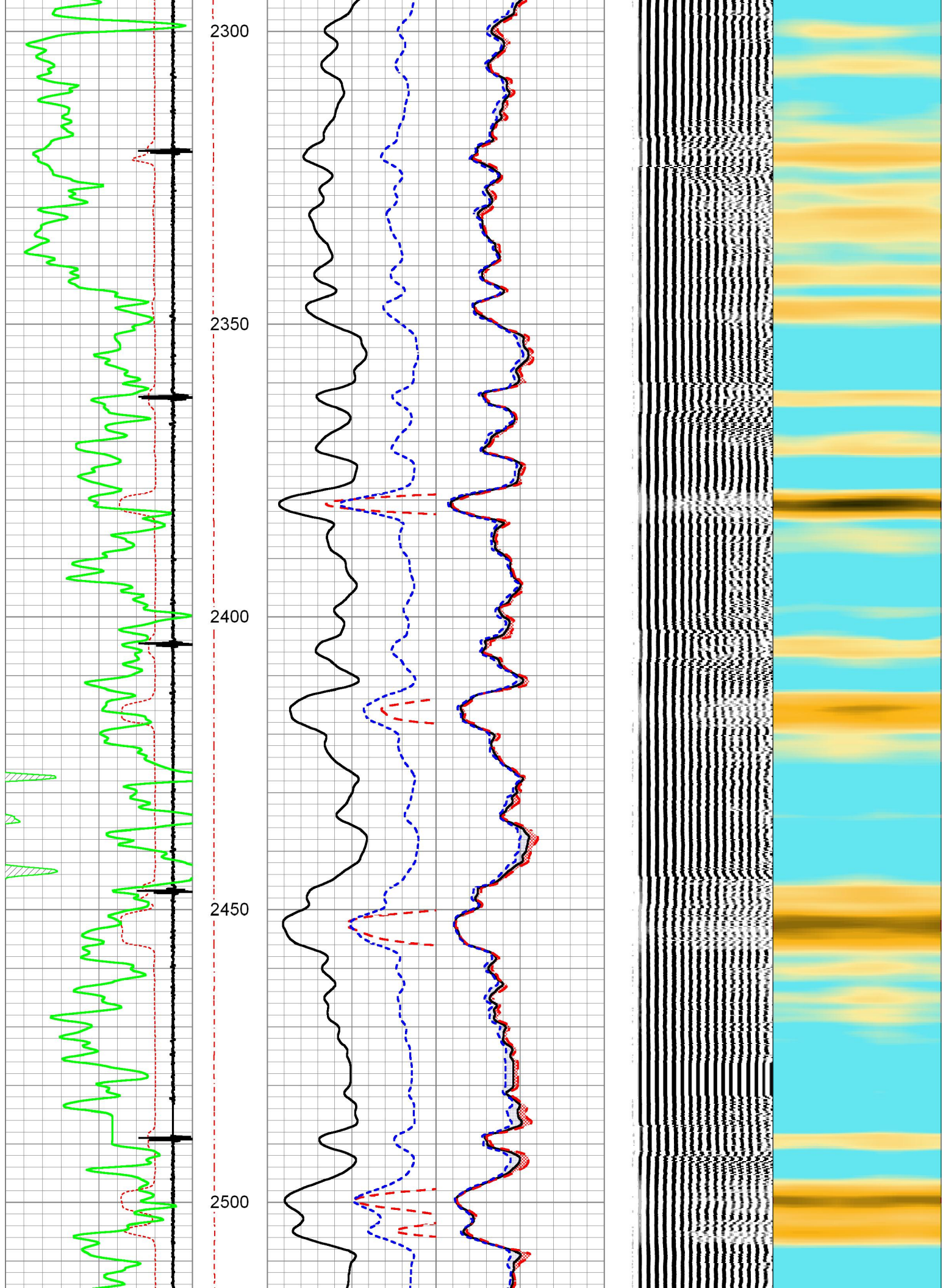
00 PSI SURFACE PRESSURE

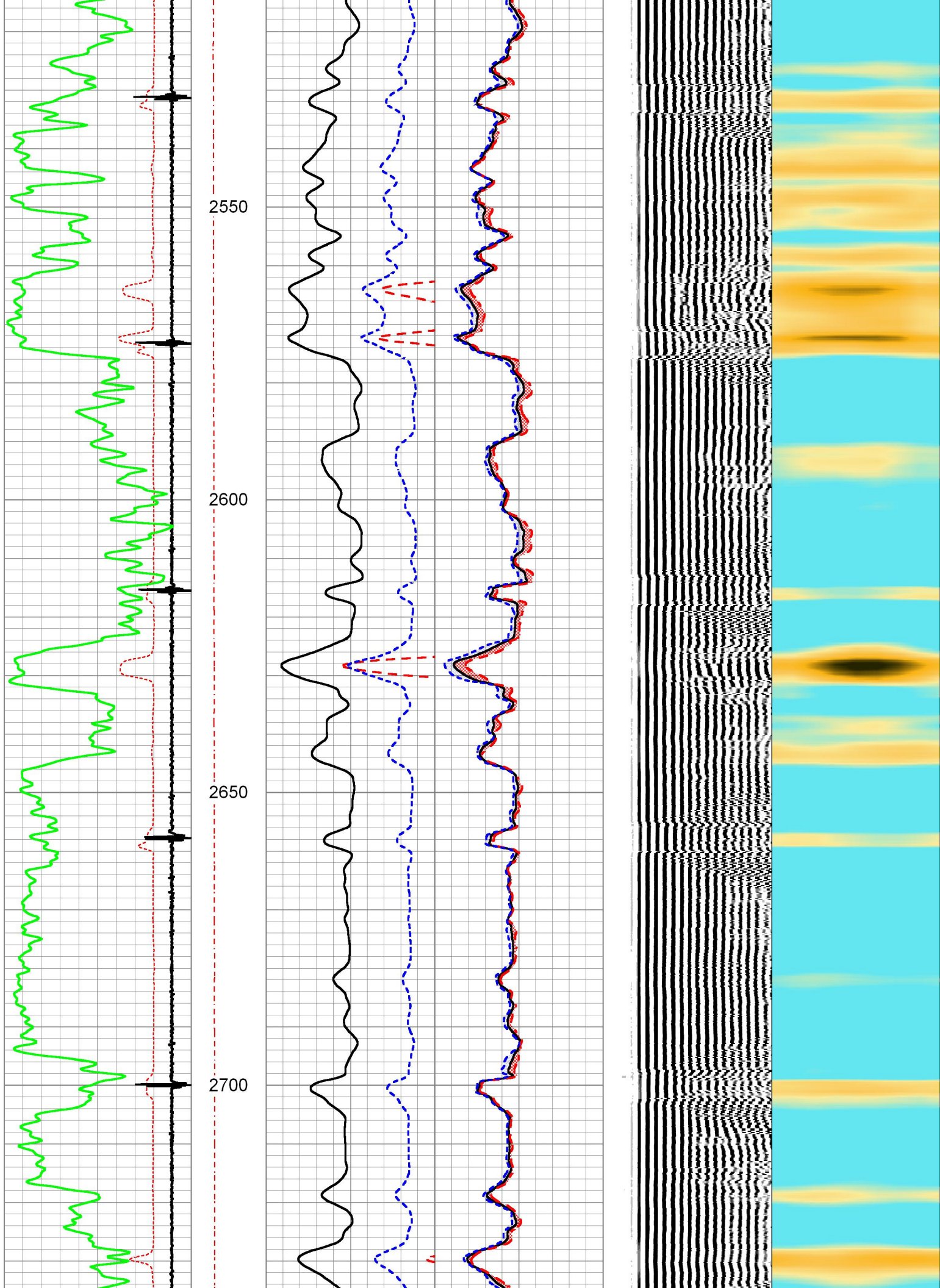
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 Dataset Pathname SCBL/pass5.1
 Presentation Format PINR_S~1
 Dataset Creation Mon Aug 29 09:31:18 2016
 Charted by Depth in Feet scaled 1:240

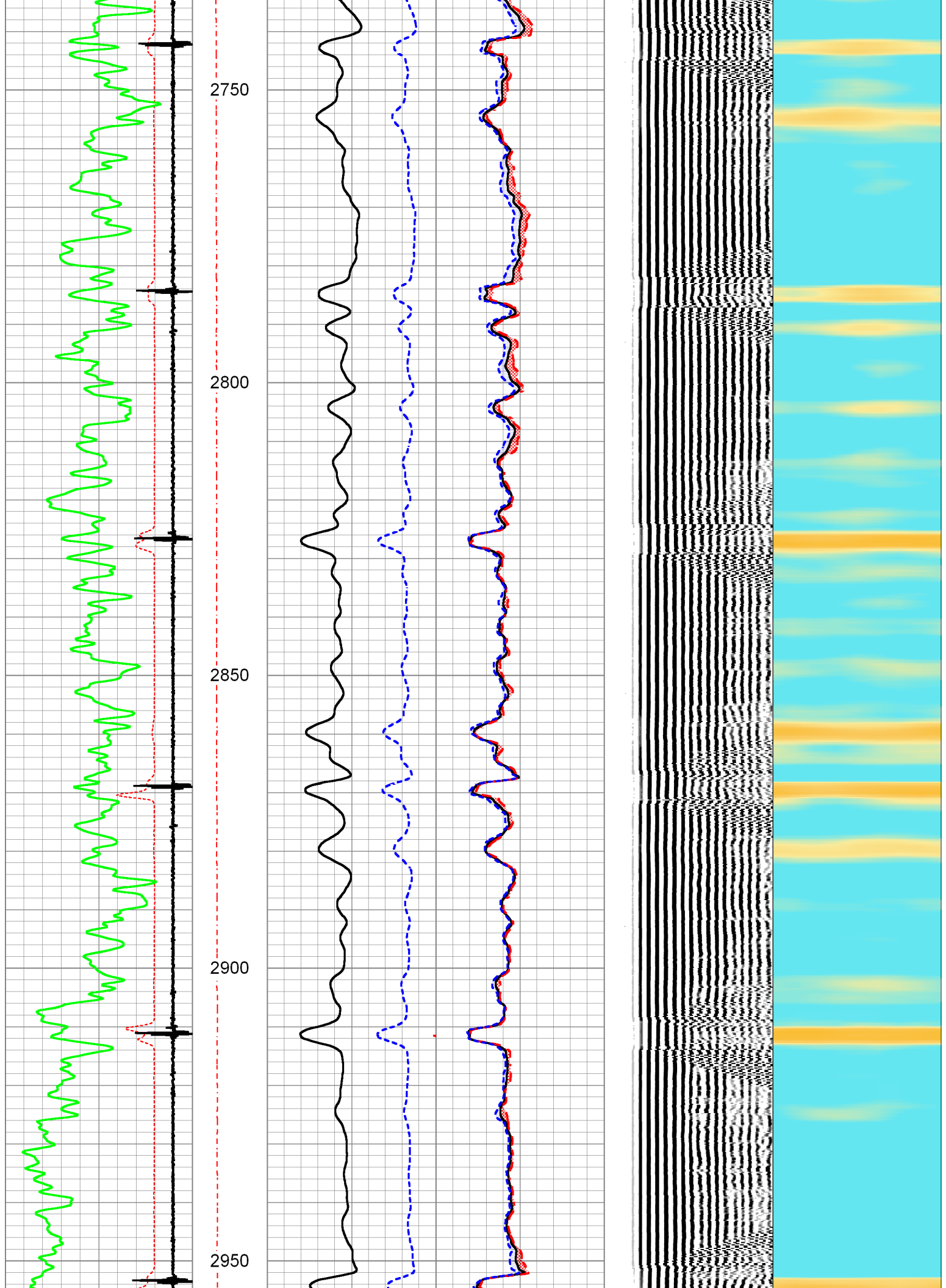
3' Travel Time	Line Tension	3' Amplitude (mV)	Sector Amplitude Average	200	VDL	1200	1	Sector Map	8
500 (usec) 235	0 (2000)	0 100	0 150				10		60
-9 Collar Locator 1		3' Amplified Amplitude X 5	Sector Amplitude Maximum						
0 Gamma Ray 150		0 (mV) 20	0 150						
		1 Bond Index 0	Sector Amplitude Minimum						
			0 150						

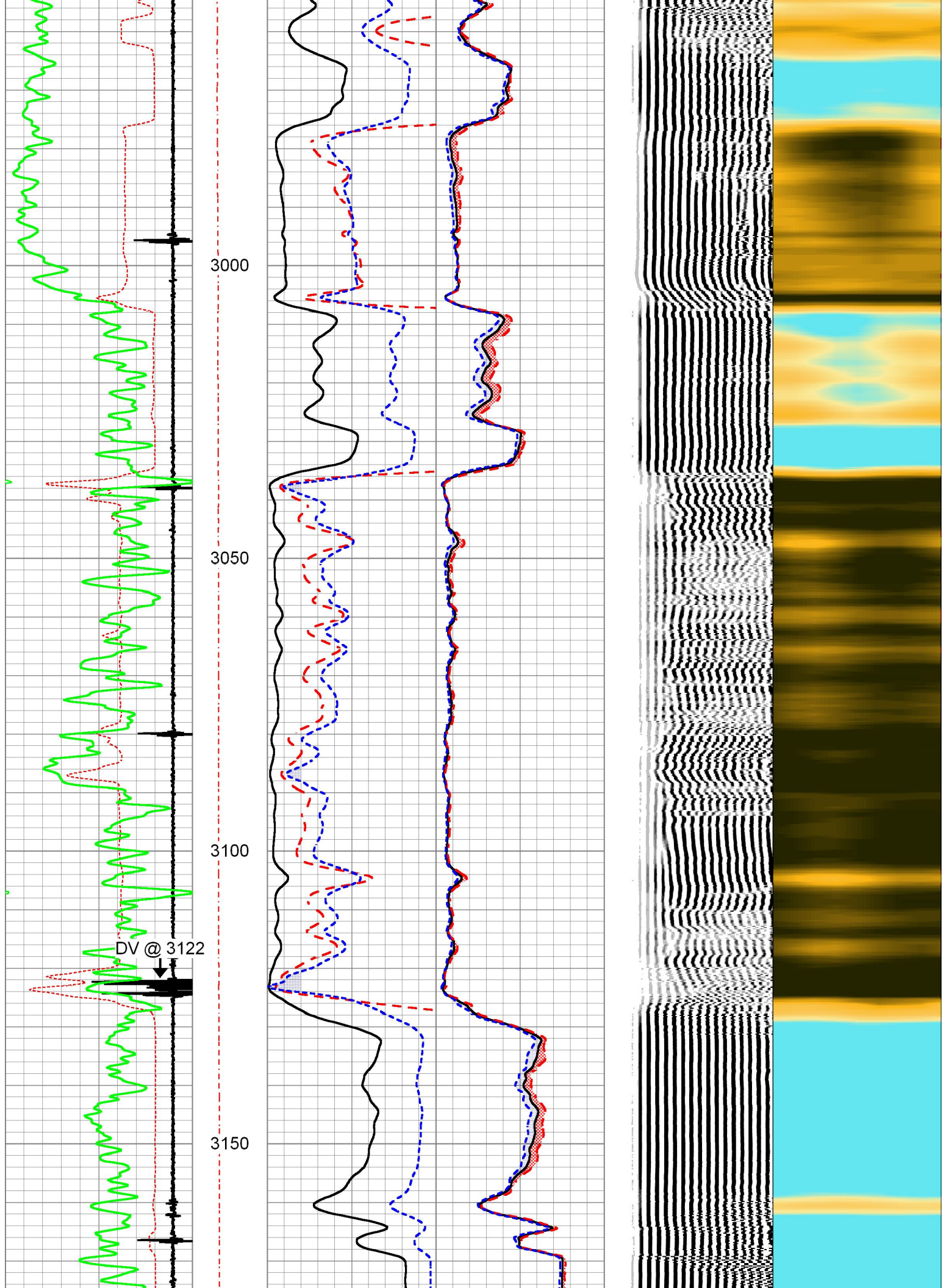


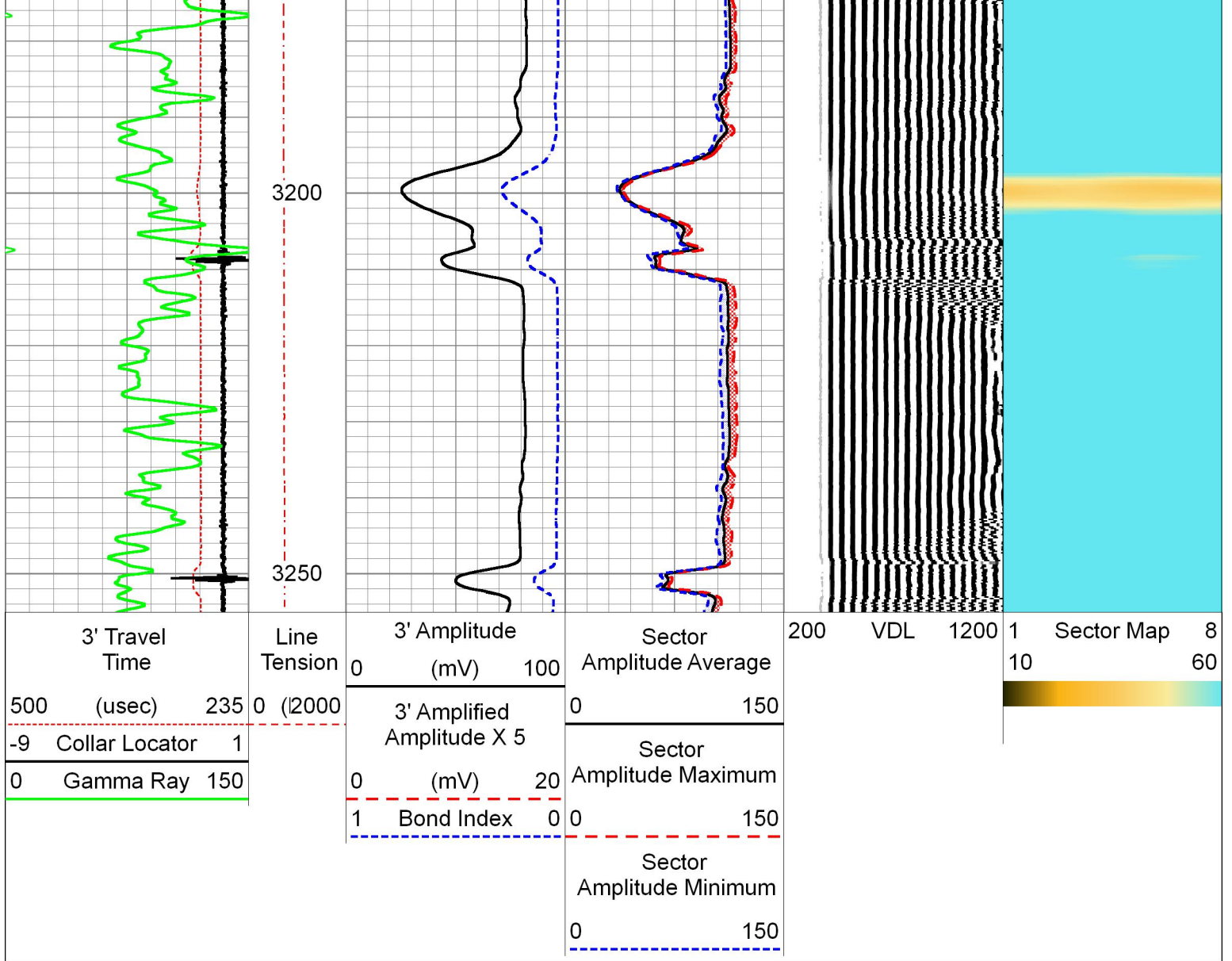











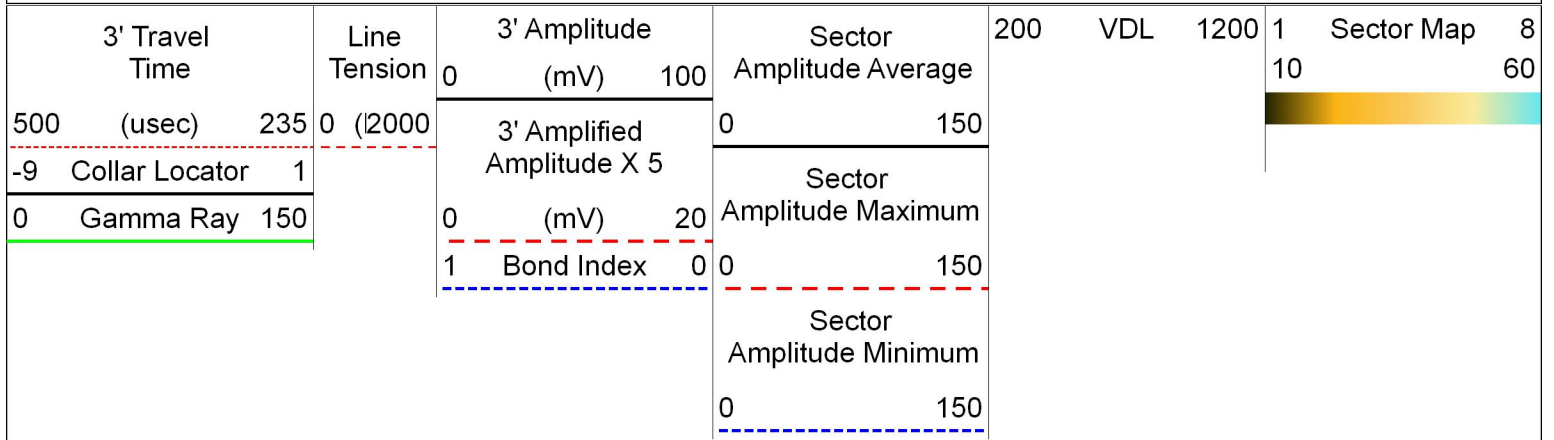


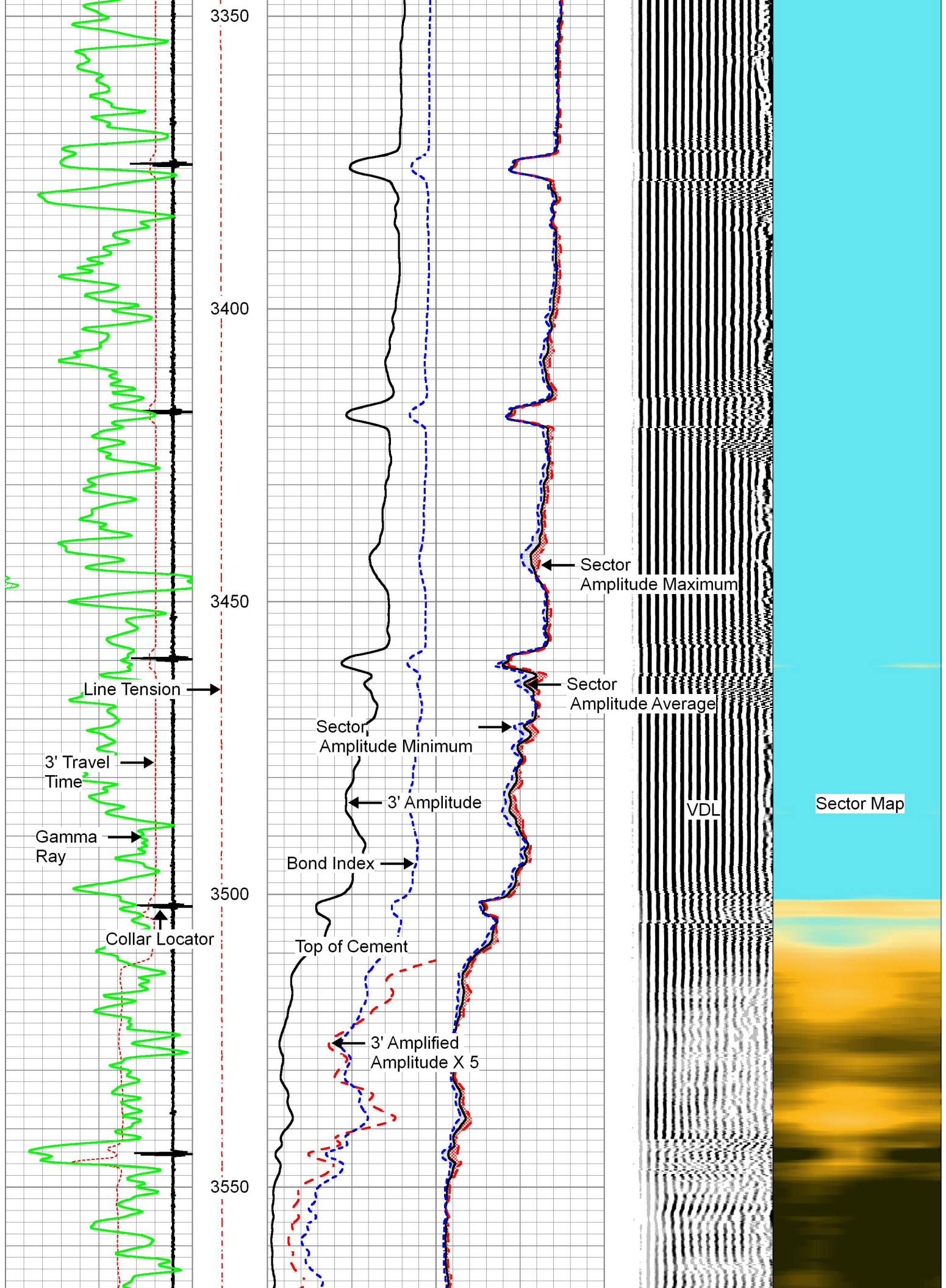


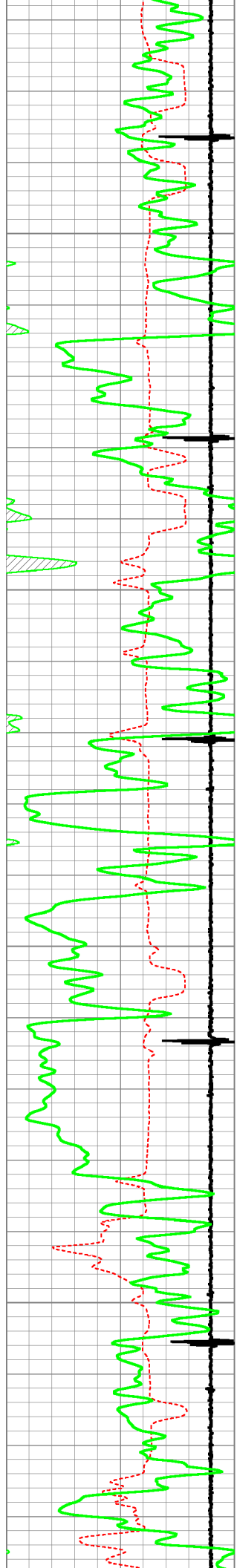
MAIN PASS

00 PSI SURFACE PRESSURE

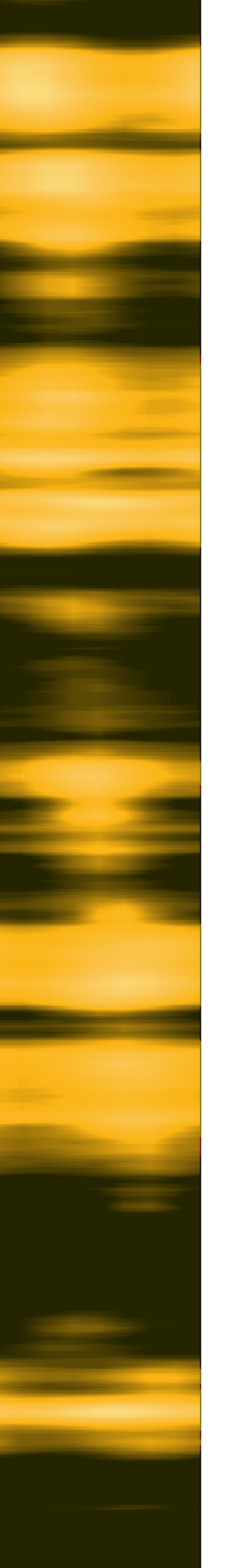
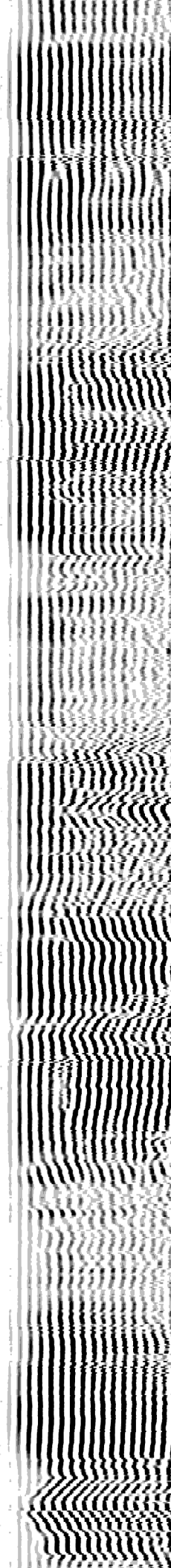
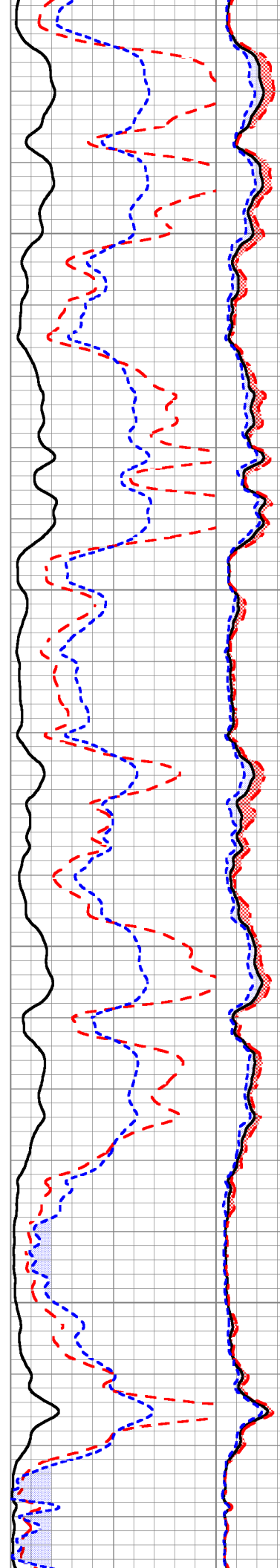
Database File	gulf_lyman_#1-10.db
Dataset Pathname	SCBL/pass4.1
Presentation Format	PINR_S~1
Dataset Creation	Mon Aug 29 09:07:29 2016
Charted by	Depth in Feet scaled 1:240

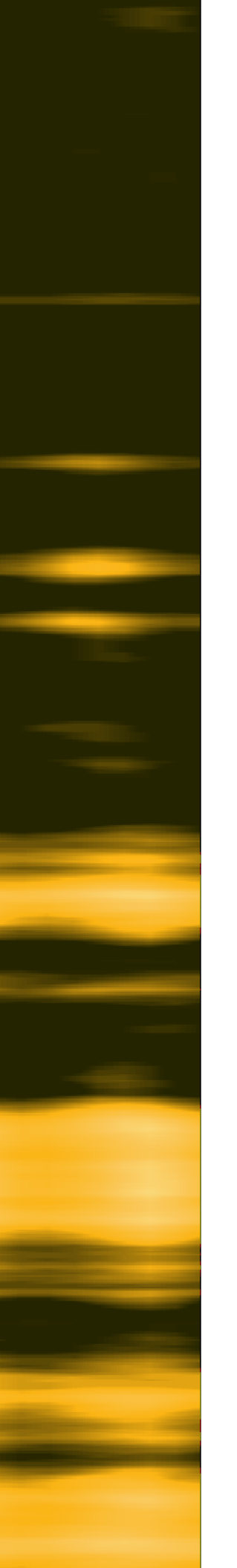
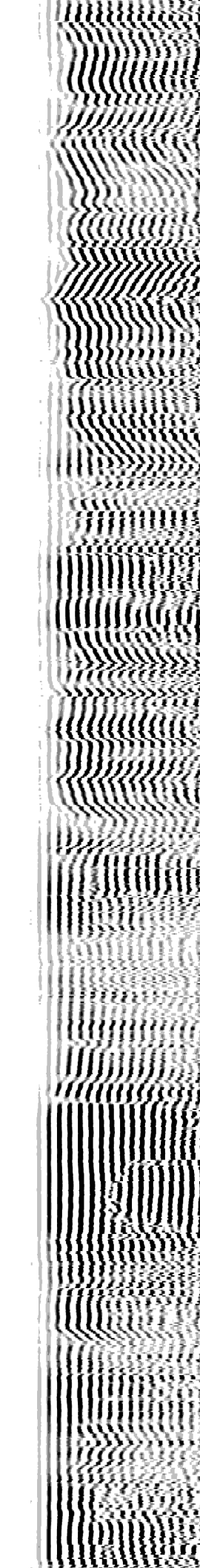
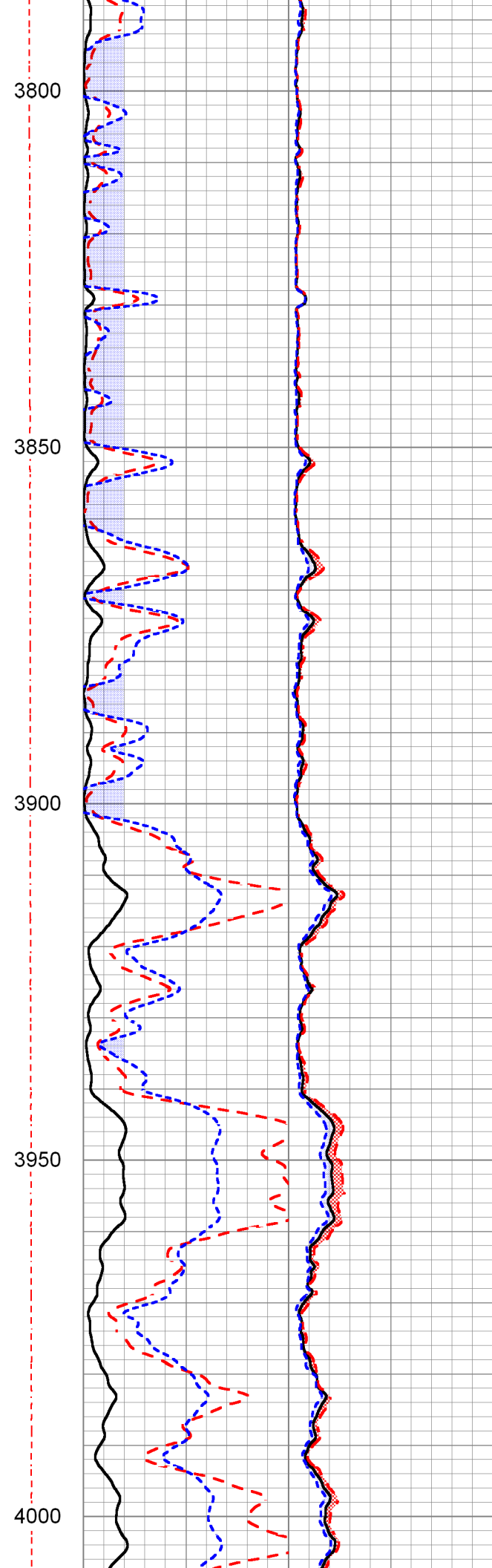
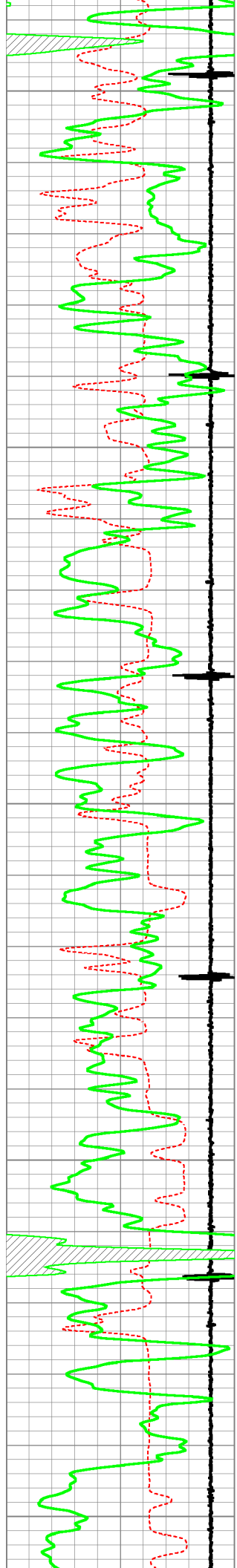


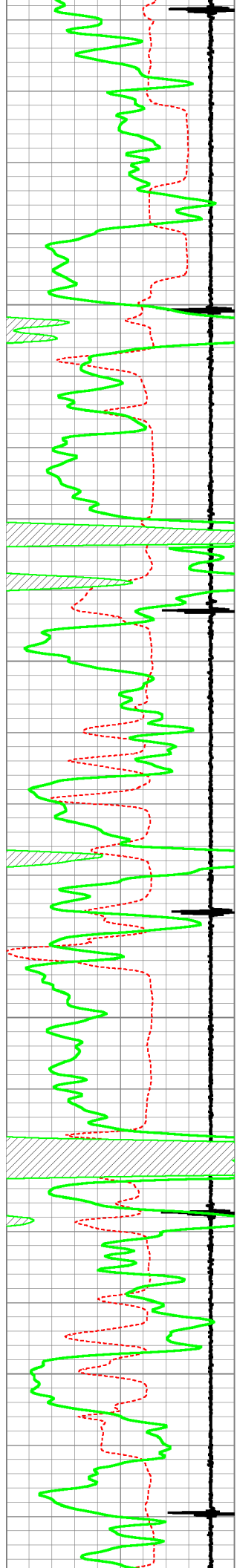




3600
3650
3700
3750





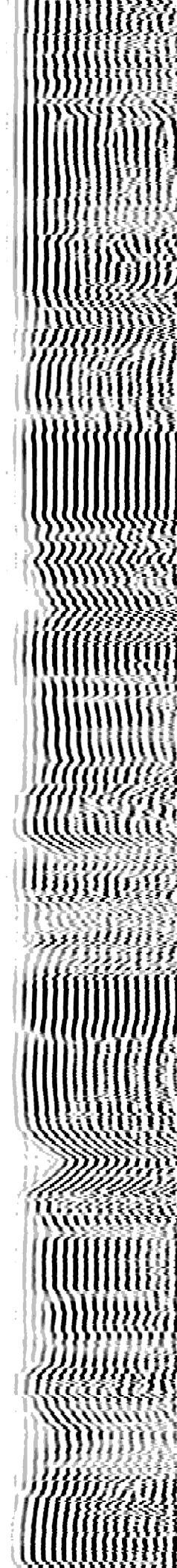
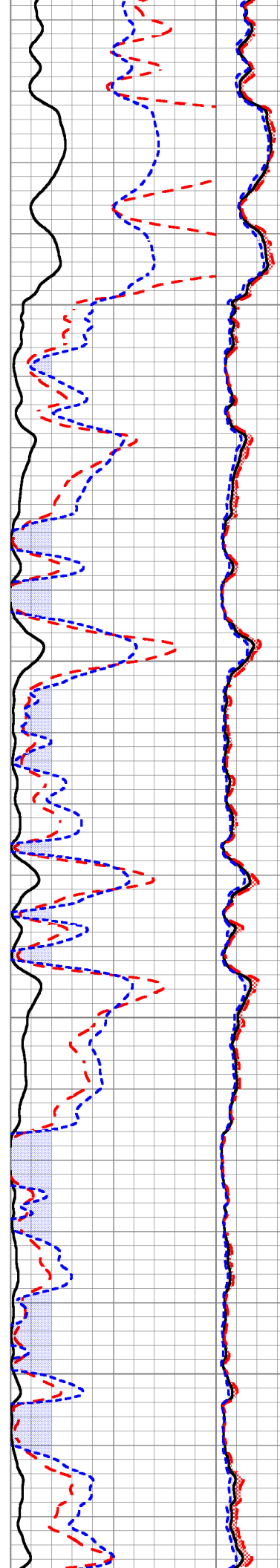


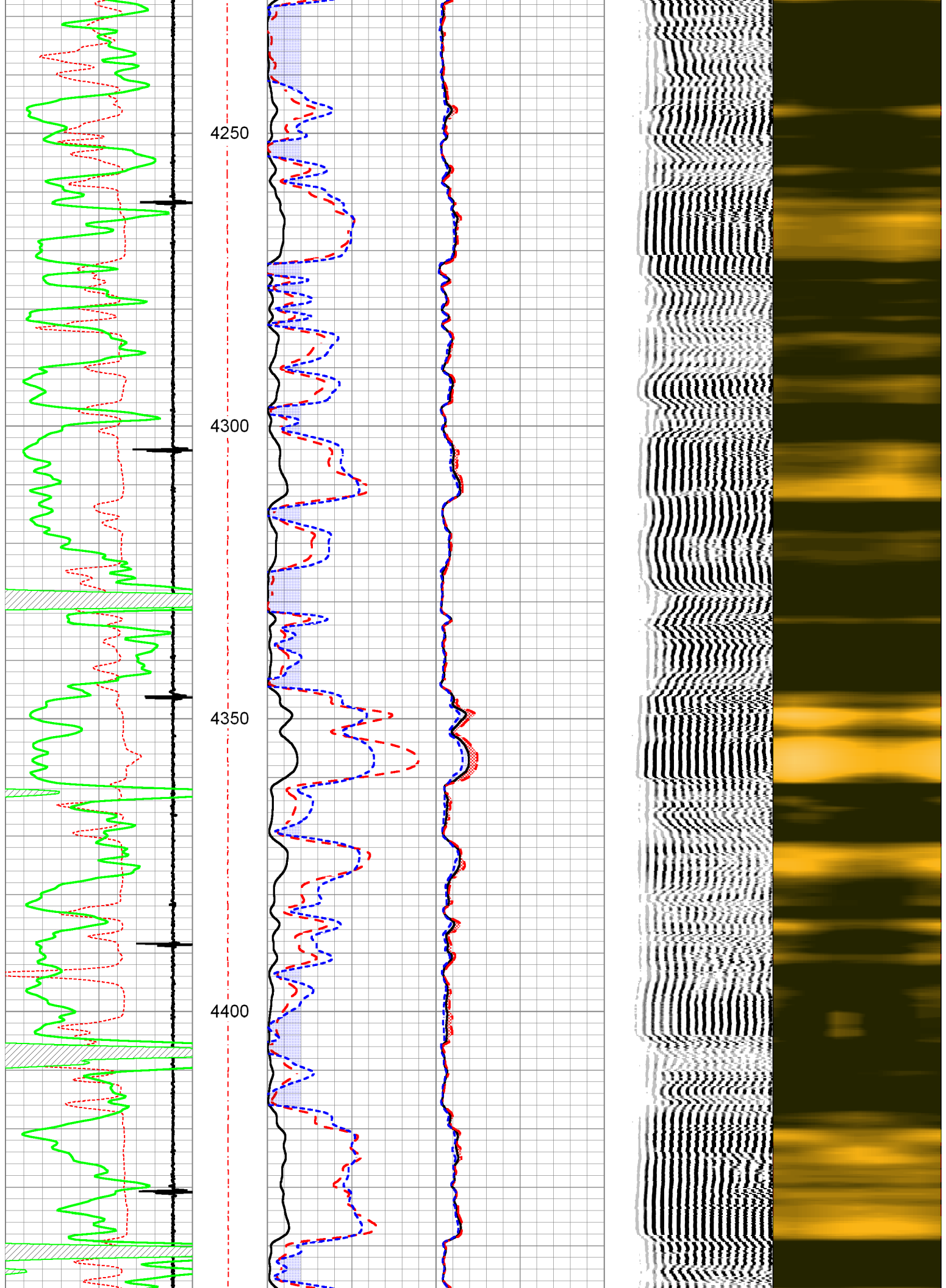
4050

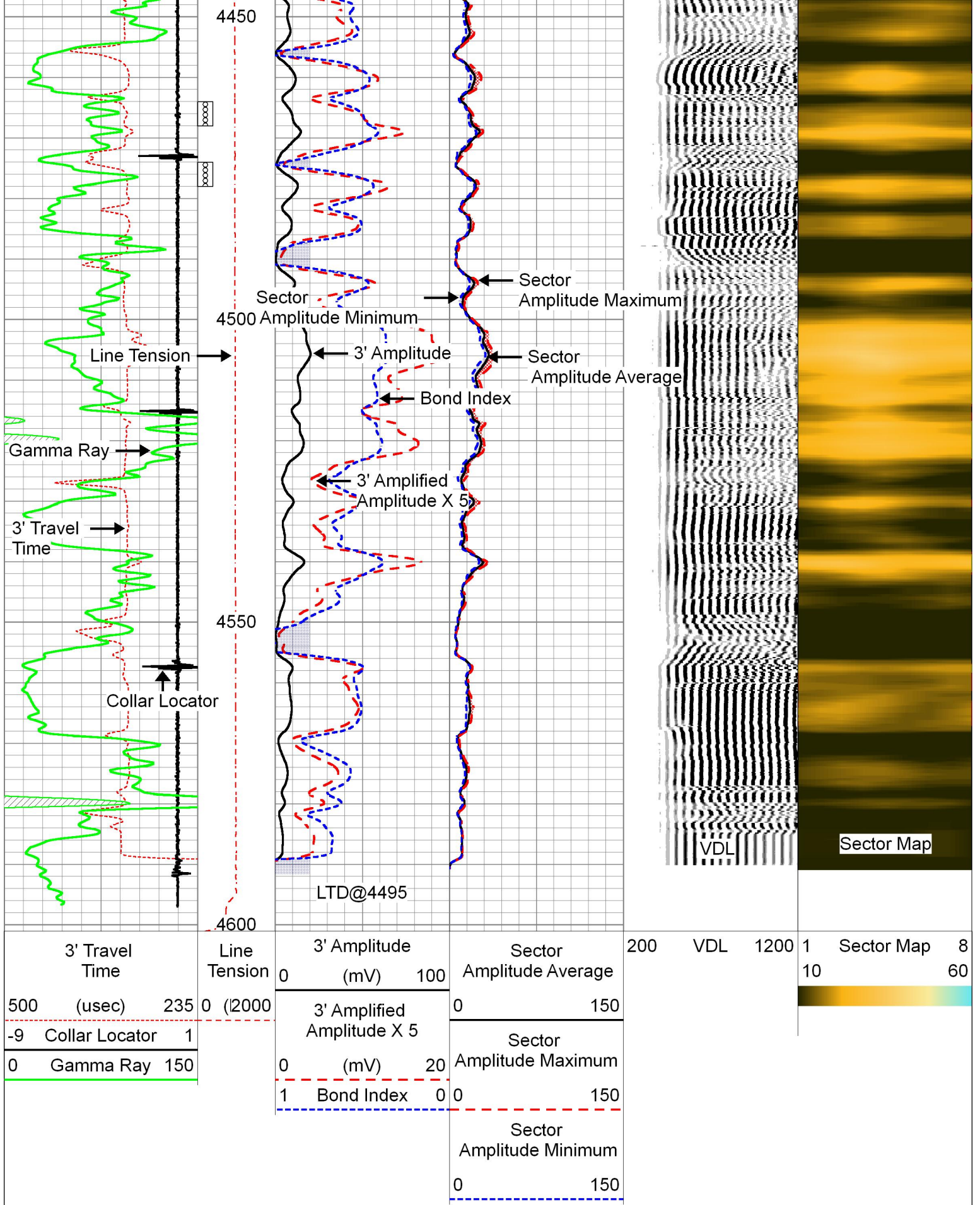
4100

4150

4200







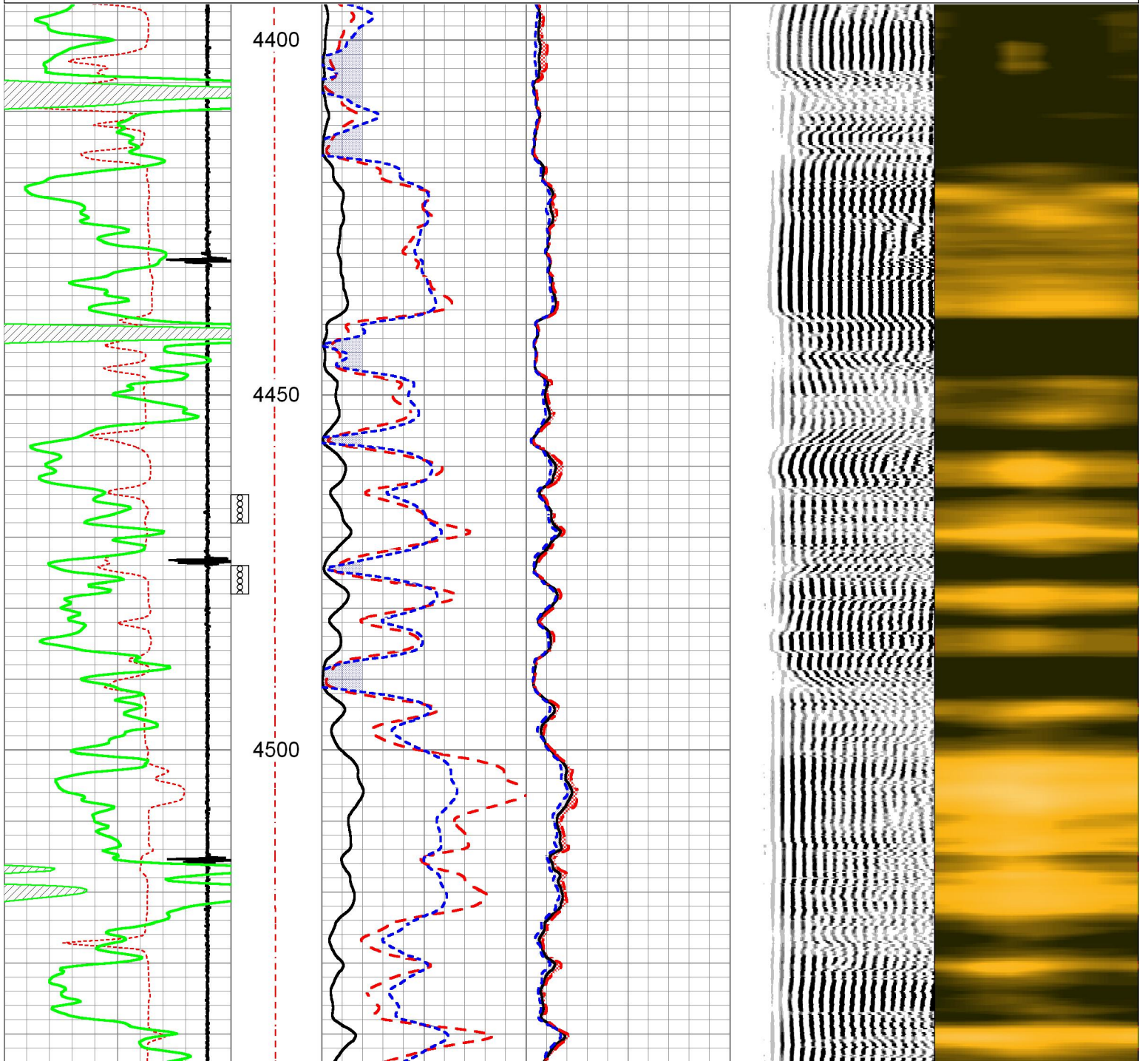
3' Travel Time	Line Tension	3' Amplitude (mV)	Sector Amplitude Average	200	VDL	1200	1	Sector Map	8
500 (usec)	0 (2000)	0 100	0 150				10		60
-9 Collar Locator		3' Amplified Amplitude X 5 (mV)	Sector Amplitude Maximum						
0 Gamma Ray		0 20	0 150						
		1 Bond Index	Sector Amplitude Minimum						
		0 0	0 150						

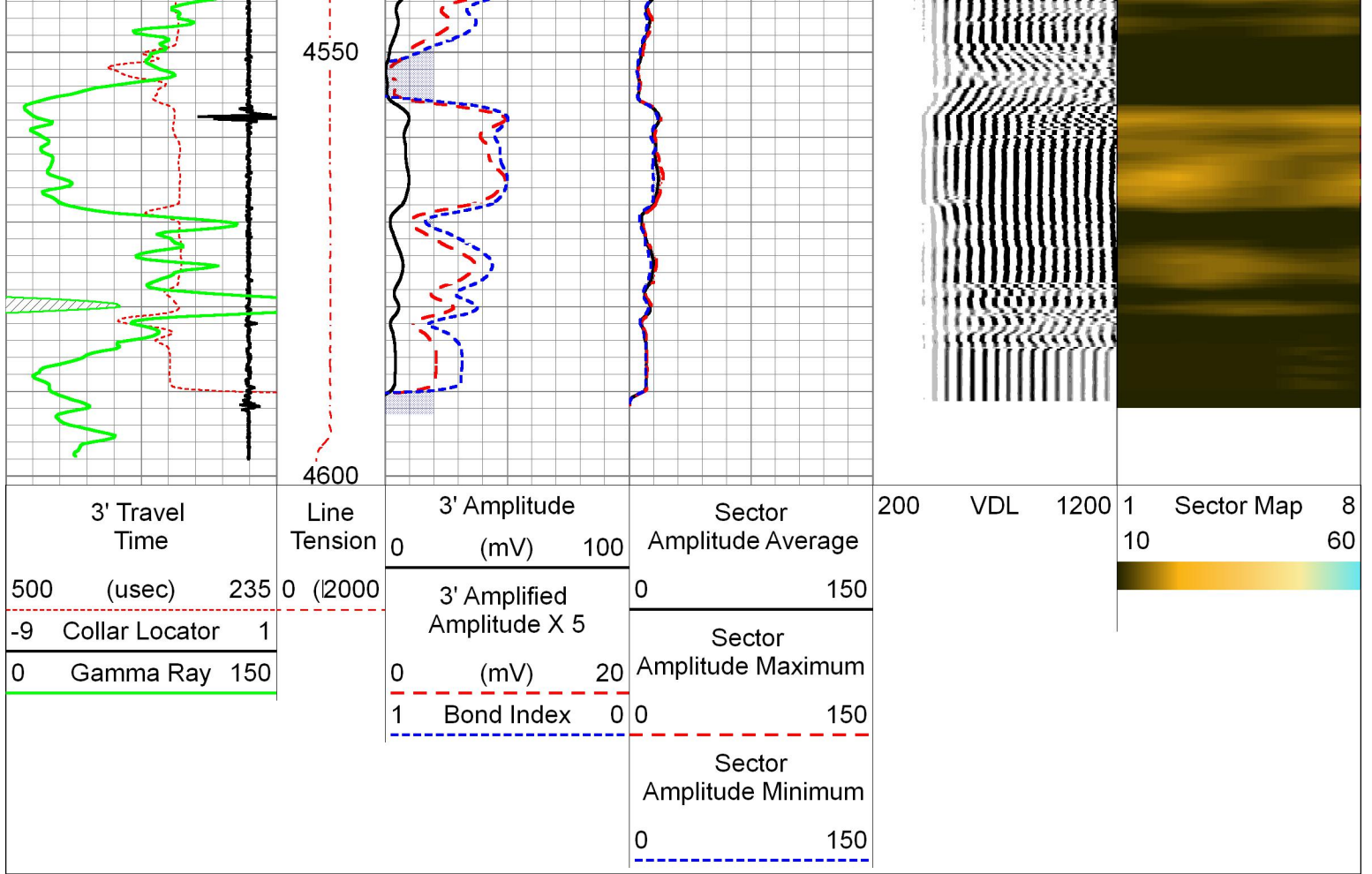


REPEAT SECTION

Database File gulf_lyman_#1-10.db
 Dataset Pathname SCBL/pass3.1
 Presentation Format PINR_S~1
 Dataset Creation Mon Aug 29 08:47:58 2016
 Charted by Depth in Feet scaled 1:240

3' Travel Time	Line Tension	3' Amplitude (mV)	Sector Amplitude Average	200	VDL	1200	1	Sector Map	8
500 (usec) 235	0 (2000)	0 100	0 150				10		60
-9 Collar Locator 1		3' Amplified Amplitude X 5	Sector Amplitude Maximum						
0 Gamma Ray 150		0 (mV) 20	0 150						
		1 Bond Index 0	0 150						
			Sector Amplitude Minimum						
			0 150						





Calibration Report

Database File gulf_lyman_#1-10.db
 Dataset Pathname SCBL/pass4.1
 Dataset Creation Mon Aug 29 09:07:29 2016

Gamma Ray Calibration Report

Serial Number: TigerProbe
 Tool Model: Tiger
 Performed: Thu Sep 17 10:13:13 2015

Calibrator Value: 1.0

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.9200 /cps

Segmented Cement Bond Log Calibration Report

Serial Number: 4.5040904
 Tool Model: Probe

Calibration Casing Diameter: 5.500 in
 Calibration Depth: 3332.608 ft

Master Calibration, performed Mon Aug 29 08:27:16 2016:

Raw (v)		Calibrated (mv)		Results	
Zero	Cal	Zero	Cal	Gain	Offset

3'	-0.006	1.735	0.000	80.000	45.938	-3.700
CAL	-0.006	2.206				
5'	-0.006	2.034	0.000	80.000	39.219	-3.800
SUM						
S1	-0.006	1.932	0.000	105.000	54.191	0.329
S2	-0.006	1.797	0.000	105.000	58.213	0.372
S3	-0.006	1.564	0.000	105.000	66.890	0.400
S4	-0.007	1.376	0.000	105.000	75.919	0.534
S5	-0.006	1.388	0.000	105.000	75.303	0.463
S6	-0.007	1.600	0.000	105.000	65.349	0.446
S7	-0.006	1.870	0.000	105.000	55.967	0.326
S8	-0.006	1.978	0.000	105.000	52.915	0.327

Air Zero Calibration, performed Tue Aug 25 11:34:16 2015:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	
SUM						
S1	0.000		0.000		0.000	
S2	0.000		0.000		0.000	
S3	0.000		0.000		0.000	
S4	0.000		0.000		0.000	
S5	0.000		0.000		0.000	
S6	0.000		0.000		0.000	
S7	0.000		0.000		0.000	
S8	0.000		0.000		0.000	



Company GULF EXPLORATION LLC
Well LYMAN #1-10
Field WILDCAT
County THOMAS
State KANSAS



**RADIAL BOND LOG
WITH GAMMA RAY**

Company **GULF EXPLORATION LLC**
 Well **LYMAN #1-10**
 Field **WILD CAT**
 County **THOMAS** State **KANSAS**

Comp. **GULF EXPLORATION LLC**
 Well **LYMAN #1-10**
 Field **WILD CAT**
 Co. **THOMAS**
 State **KANSAS**

Location: **API # : 15-193-20968-00-00** Other Services
943' FNL & 1176' FEL
SEC 10 TWP 7S RGE 36W
PERF
 Permanent Datum **GROUND LEVEL** Elevation **3372'**
 Log Measured From **KELLY BUSHING 5** Above GL
 Drilling Measured From **KELLY BUSHING**
 K.B. **3377'**
 D.F. **N/A**
 G.L. **3372'**

Date of Service	8/29/2016			
Run Number	ONE			
Depth Driller or PBTID	4586'			
Depth Logger	4595'			
Bottom Log Interval	4593'			
Top Log Interval	3350'			
Open Hole Size	7.875"			
Type Fluid	WATER			
Fluid Level	475'			
Fluid Density	N/A			
Max. Recorded Temperature	131			
Max. Wellhead Pressure	00 PSI			
Wellhead Connection	N/A			
Estimated Cement Top	3510'			
Unit Number	18			
Wireline Size	5/16"			
Location	COLBY			
Recorded By	T. MARTIN			
Witnessed By	JIMMY MORRIS			
Tubing Record	Size	WV/Ft	Top	Bottom
Surface Casing	8.625"		00'	345'
Production Casing	5.5"	15.5#	00'	TD
Liner Record				

<<< 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.

**LEVANT, 5 N TO V RD,
6 W TO 5 RD, 1.5 N, NW INTO**

THANK YOU FOR USING PIONEER ENERGY SERVICES!

Your Pioneer Energy Services Crew	Tool Data - Services	Serial Number
Engineer: T. MARTIN Operator: Operator: Operator:		

Top - Bottom

PPT usec 0	CASEWGHT lb/ft 15.5	MAXAMPL mV 0	MINAMPL mV 1	MINATTN db/ft 0.8	SRFTEMP degF 80	CASETHCK in 0.275
CASEOD in 5.5	PERFS 0	TDEPTH ft 4595	BOTTEMP degF 131	BOREID in 7.875		

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CENT-Probe Probe Centralizer	2.83	2.75	20.00
WVFS8	11.63		RBT-Probe (4.5040904) Probe Radii Bond Tool with Digital Telemetry	8.75	2.75	107.00
WVFS7	11.63					
WVFS6	11.63					
WVFS5	11.63					
WVFS4	11.63					
WVFS3	11.63					
WVFS2	11.63					
WVFS1	11.63					
WVFCAL	11.63					
WVF3FT	11.63					
WVF5FT	10.63					
			CENT-Probe Probe Centralizer	2.83	2.75	20.00
CCL	3.63					

GR 2.30

GR_CCL-Tiger (TigerProbe)

4.54

2.75

50.00



Dataset: gulf_lyman_#1-10.db: field/well/SCBL/pass4.1
 Total length: 18.96 ft
 Total weight: 197.00 lb
 O.D.: 2.75 in

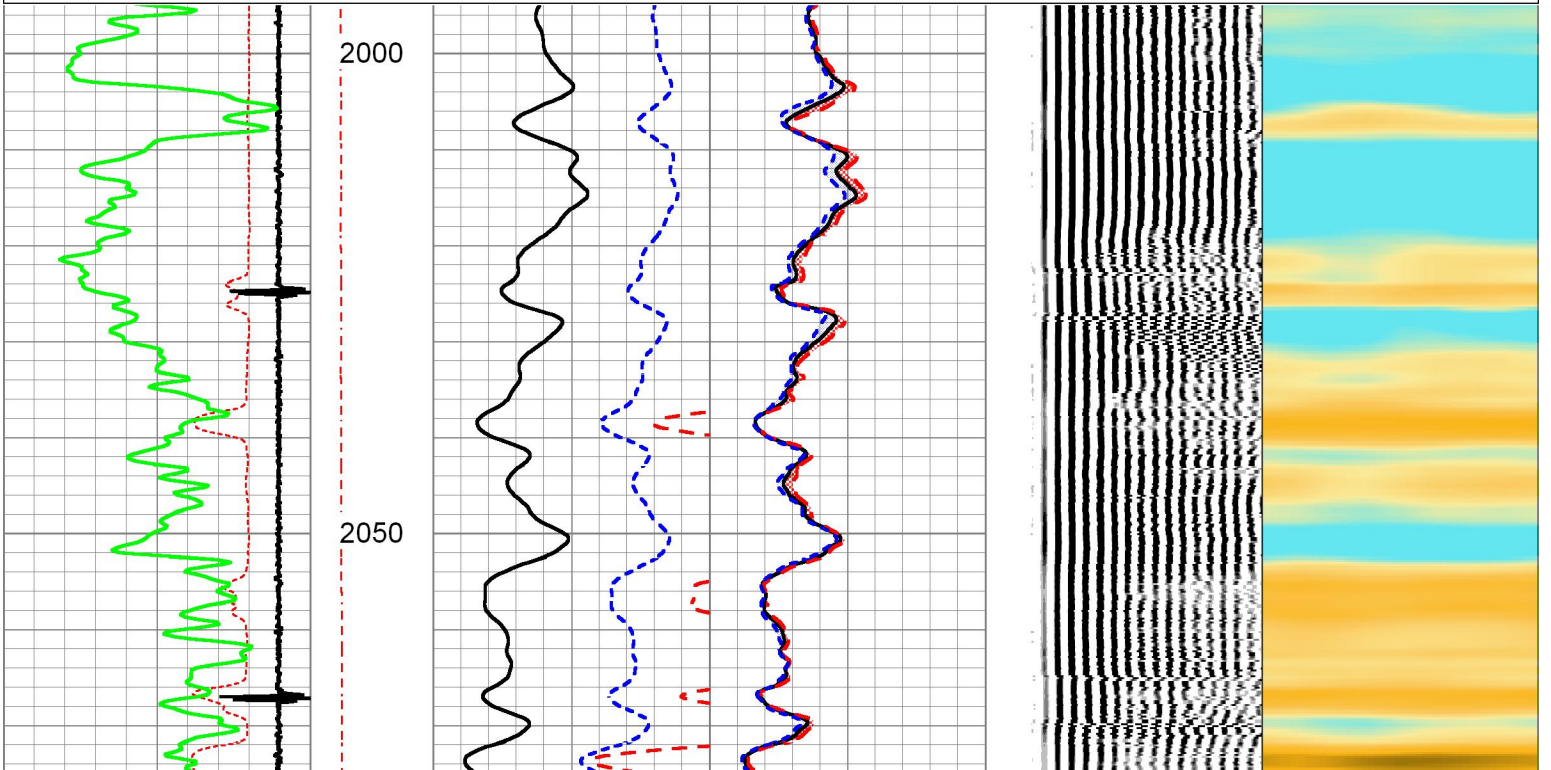


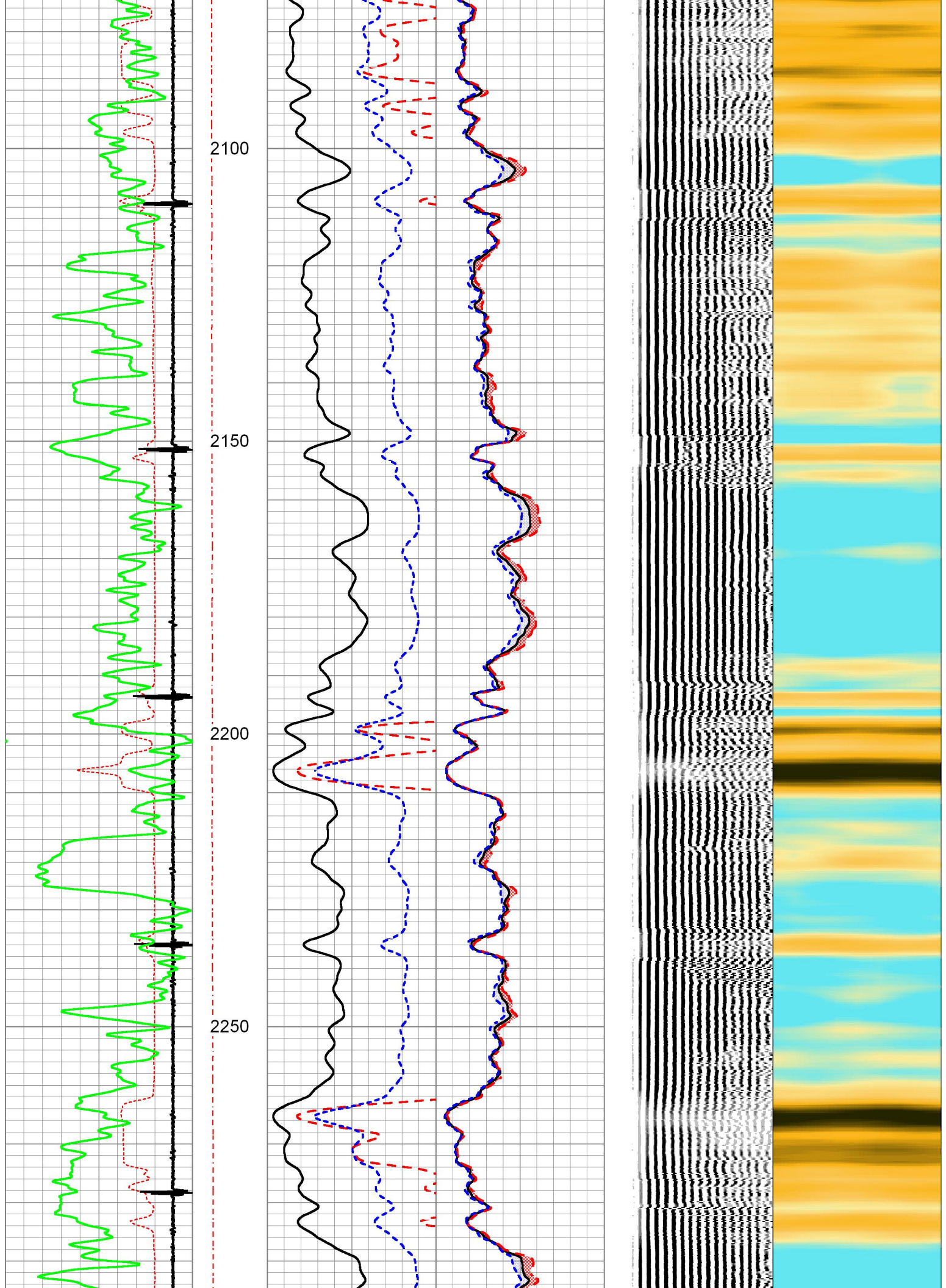
DV @ 3122'

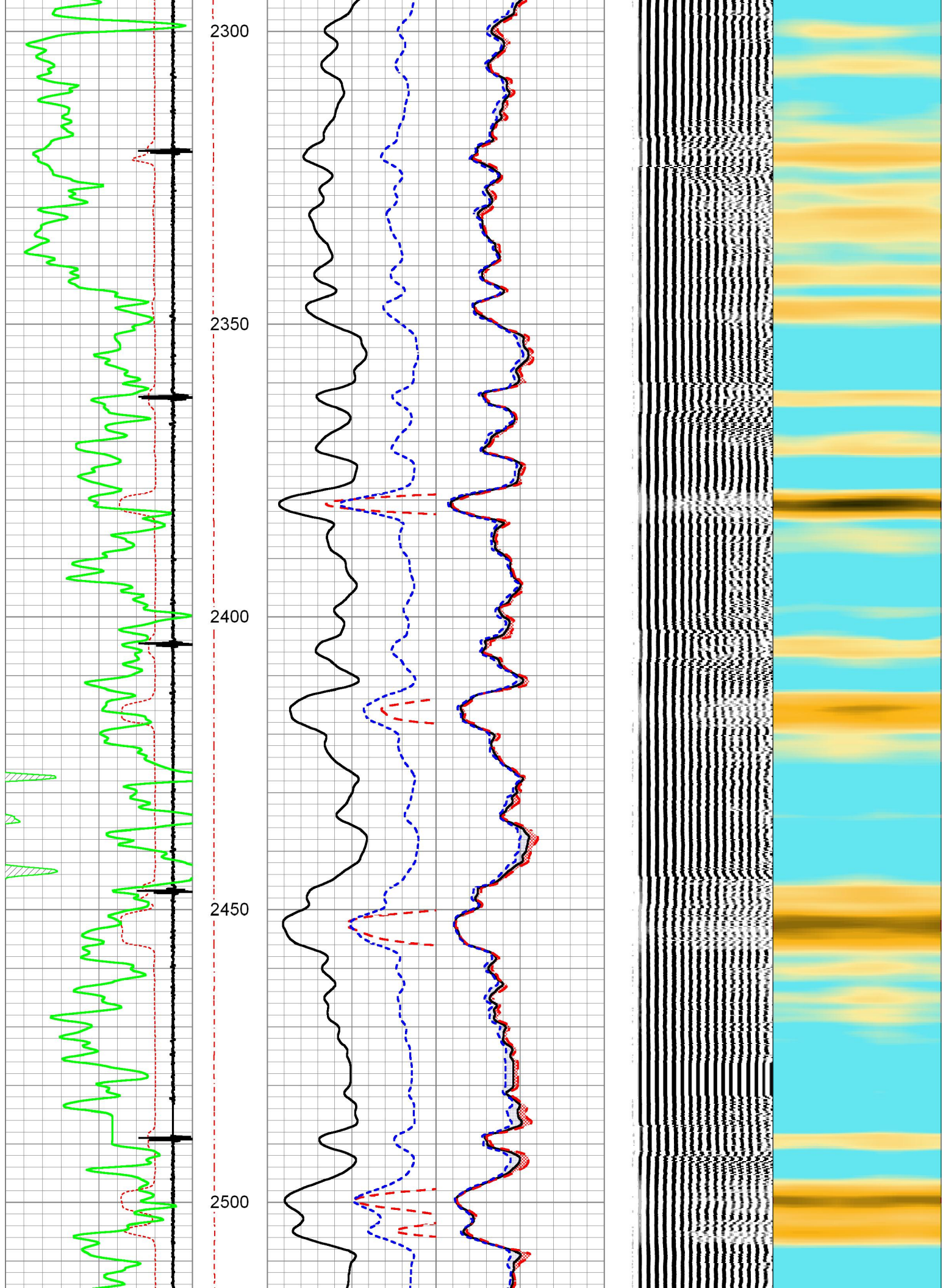
00 PSI SURFACE PRESSURE

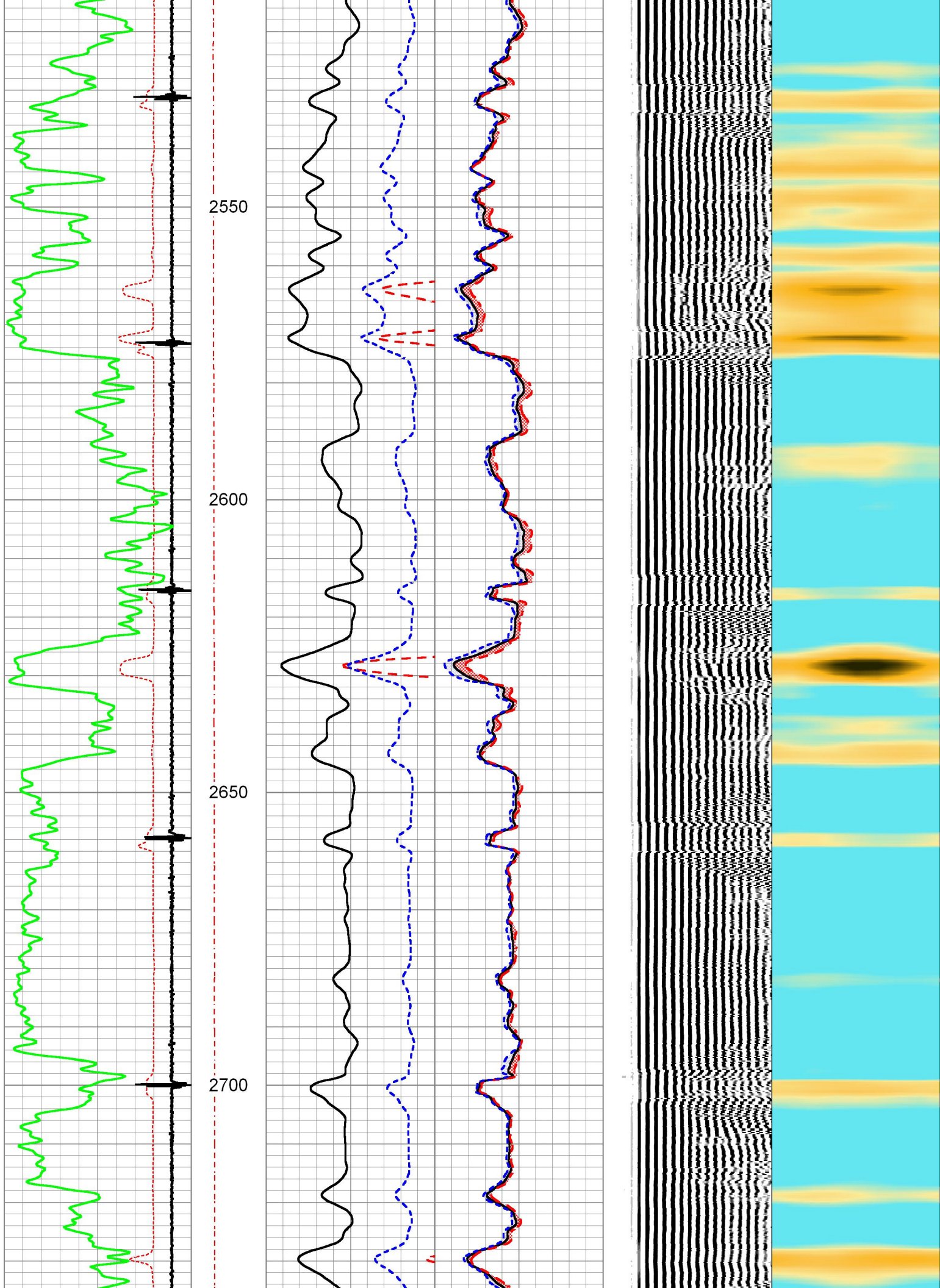
Database File gulf_lyman_#1-10.db
 Dataset Pathname SCBL/pass5.1
 Presentation Format PINR_S~1
 Dataset Creation Mon Aug 29 09:31:18 2016
 Charted by Depth in Feet scaled 1:240

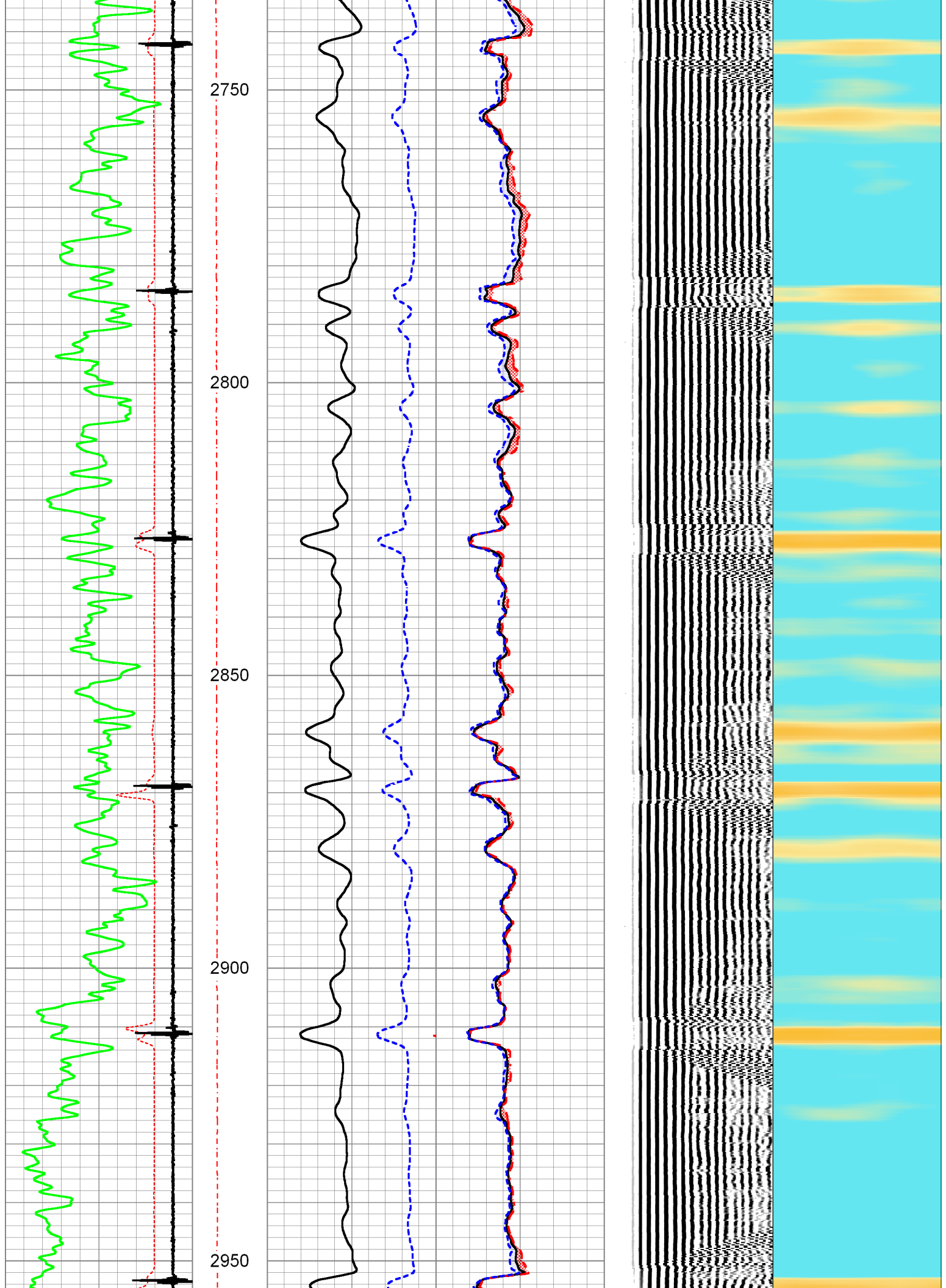
3' Travel Time	Line Tension	3' Amplitude (mV)	Sector Amplitude Average	200	VDL	1200	1	Sector Map	8
500 (usec) 235	0 (2000)	0 100	0 150				10		60
-9 Collar Locator 1		3' Amplified Amplitude X 5	Sector Amplitude Maximum						
0 Gamma Ray 150		0 (mV) 20	0 150						
		1 Bond Index 0	Sector Amplitude Minimum						
			0 150						

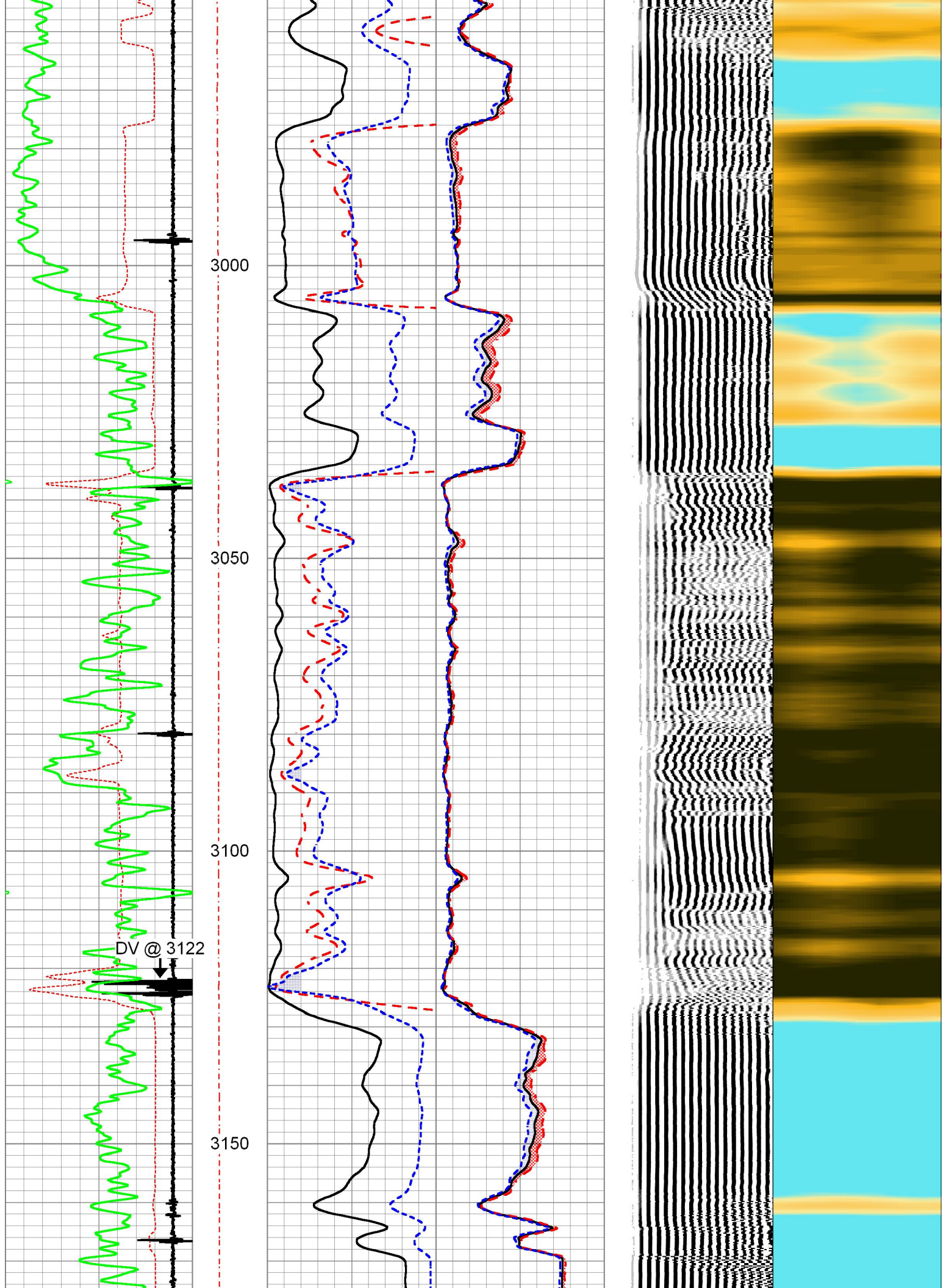


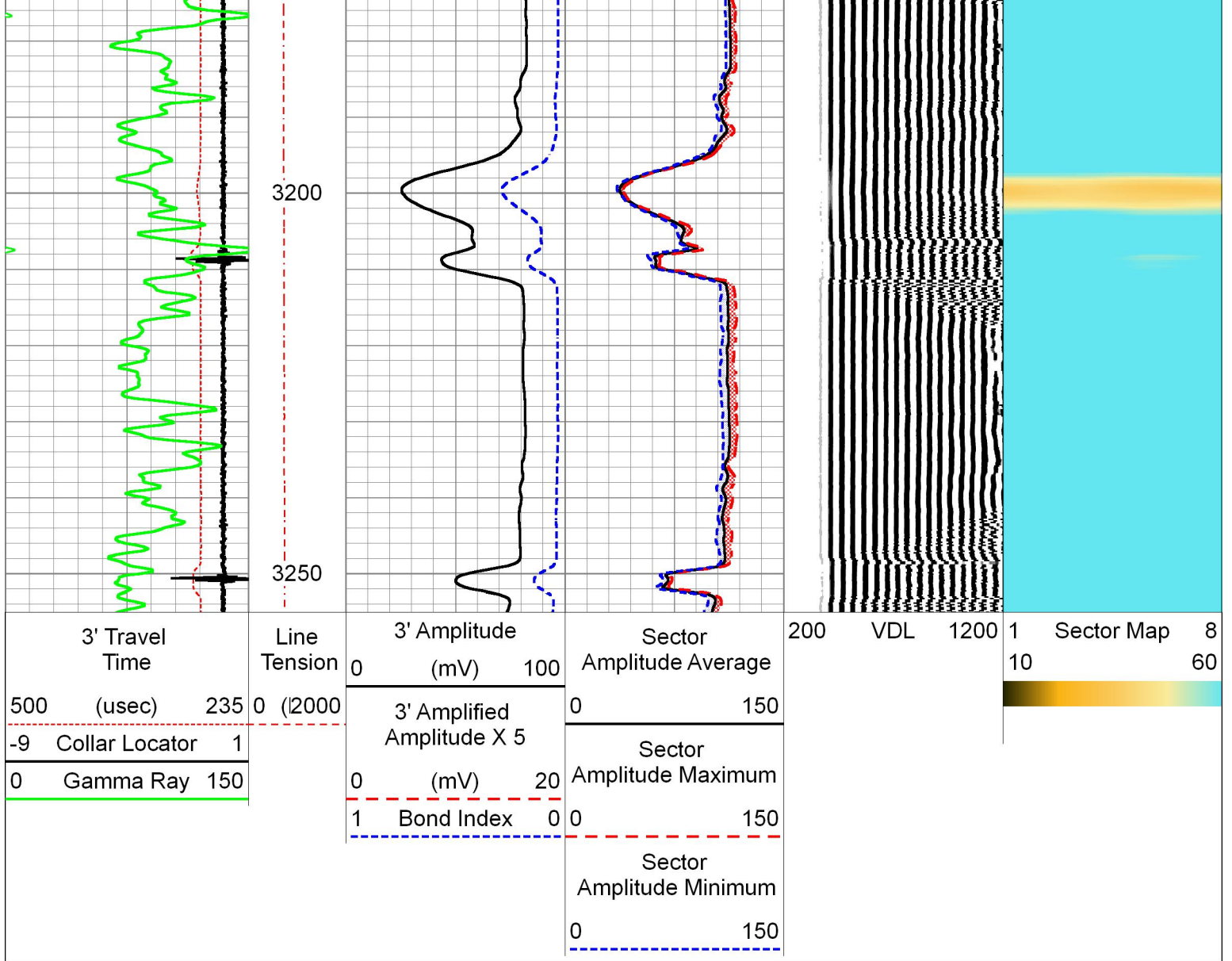






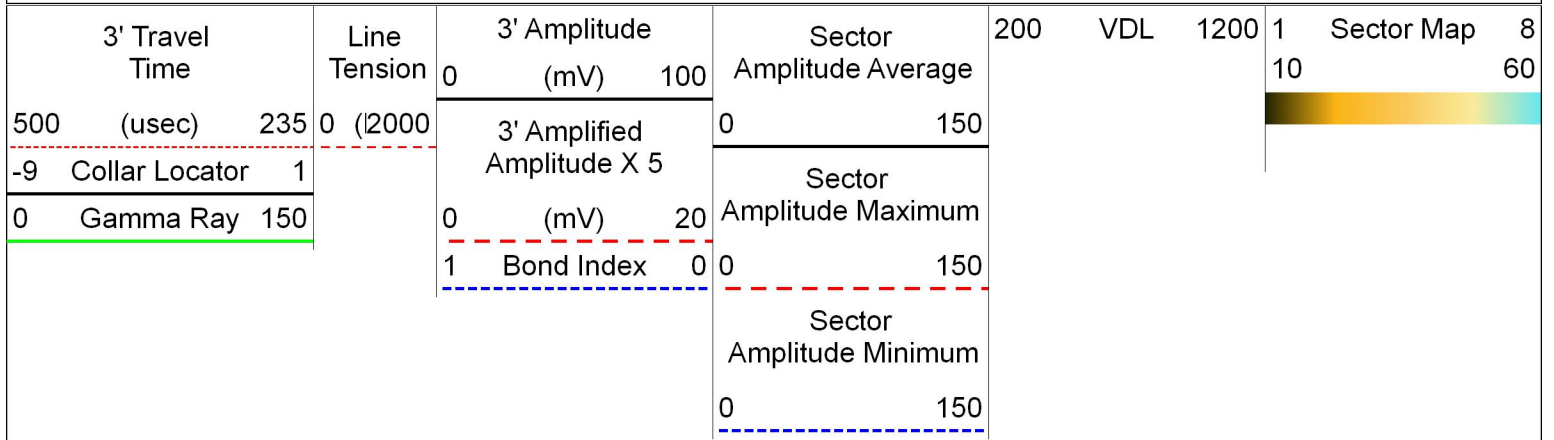


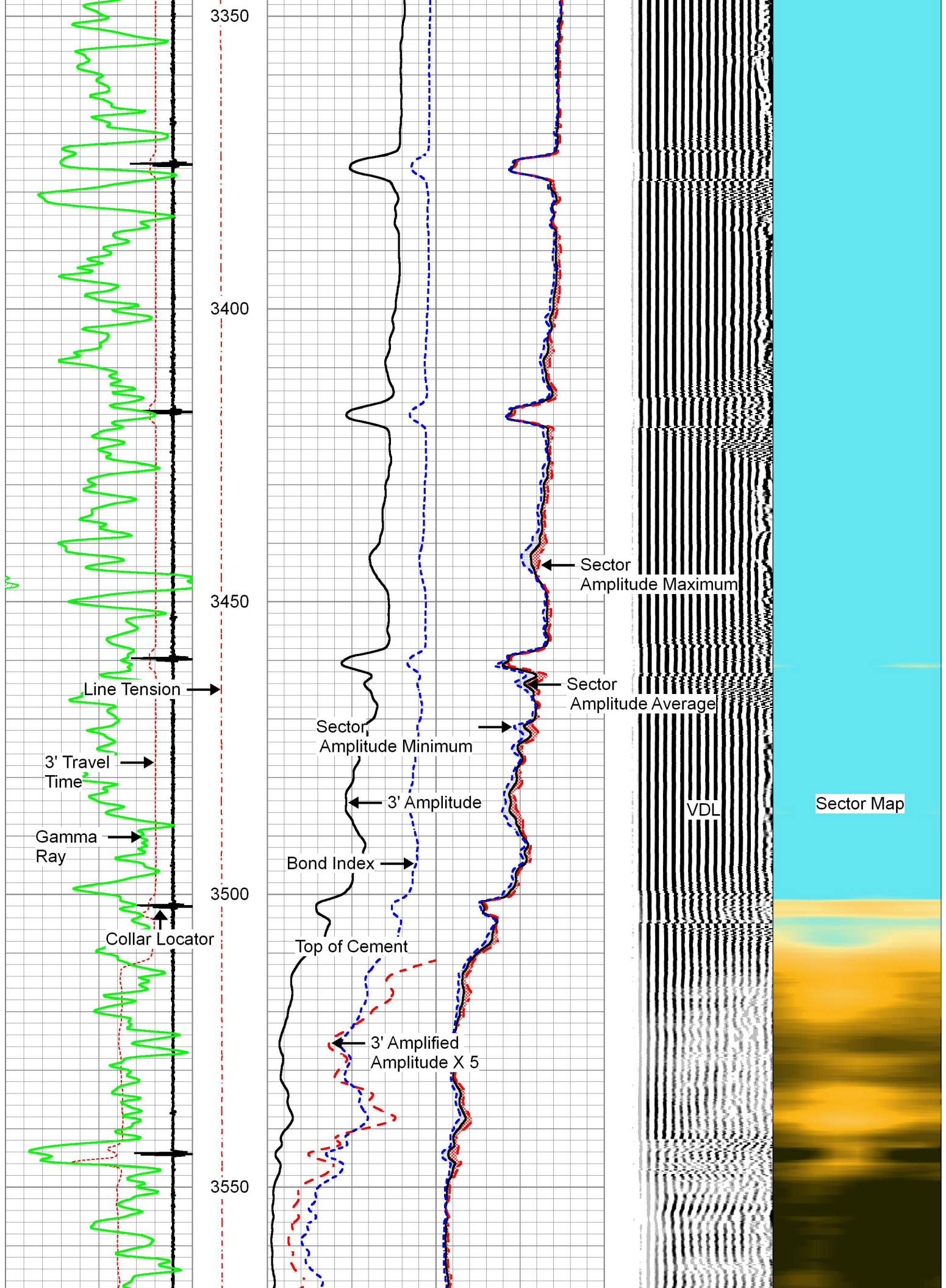


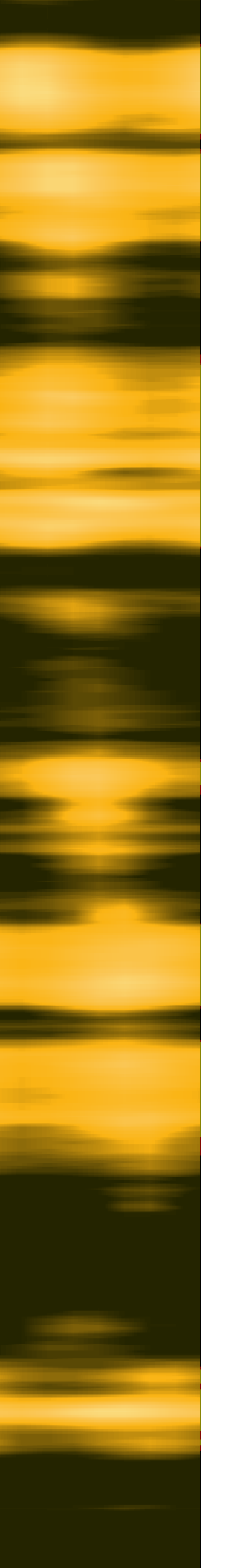
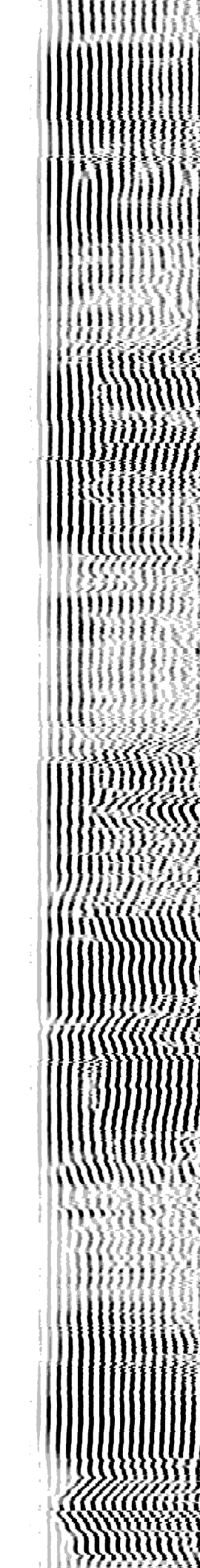
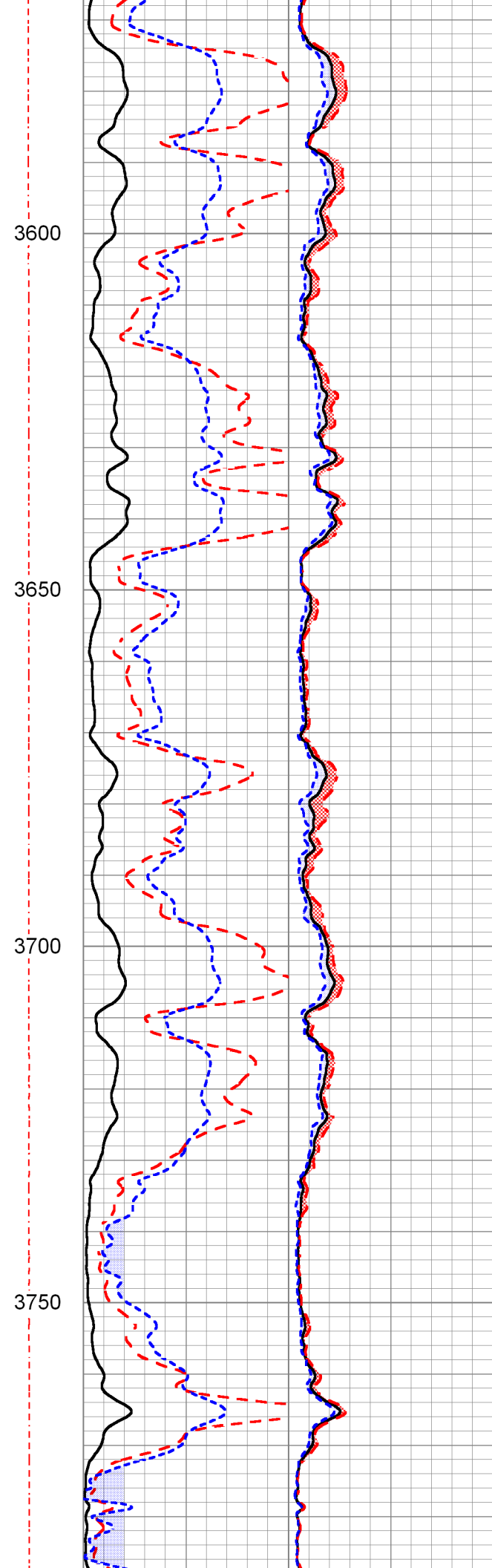
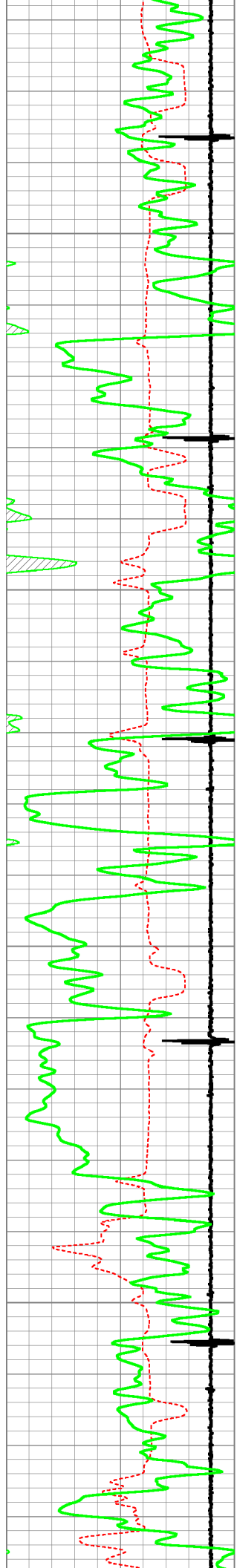


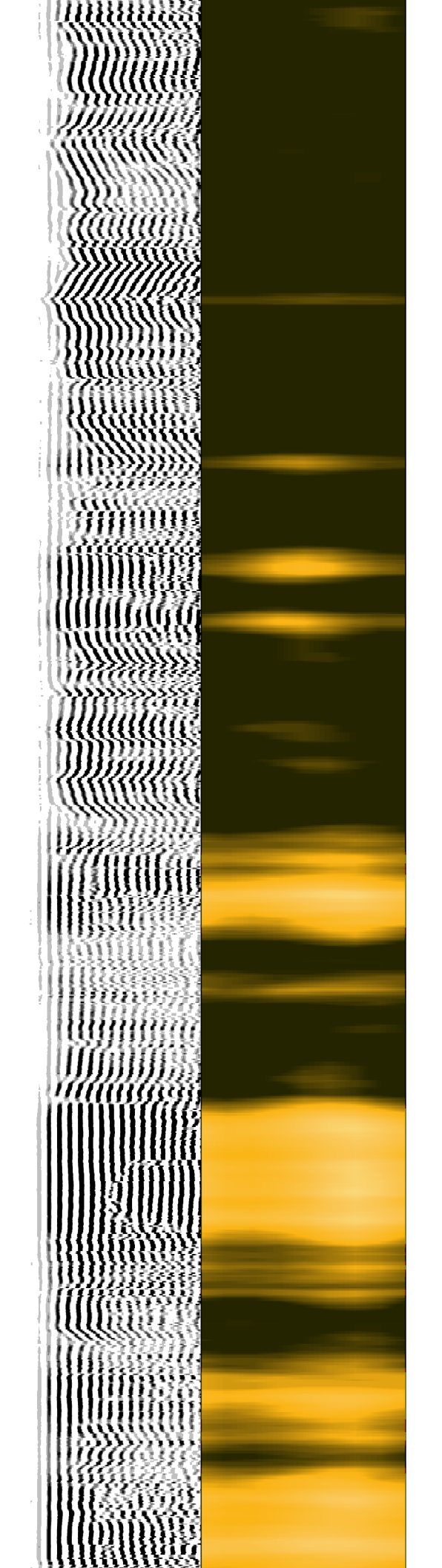
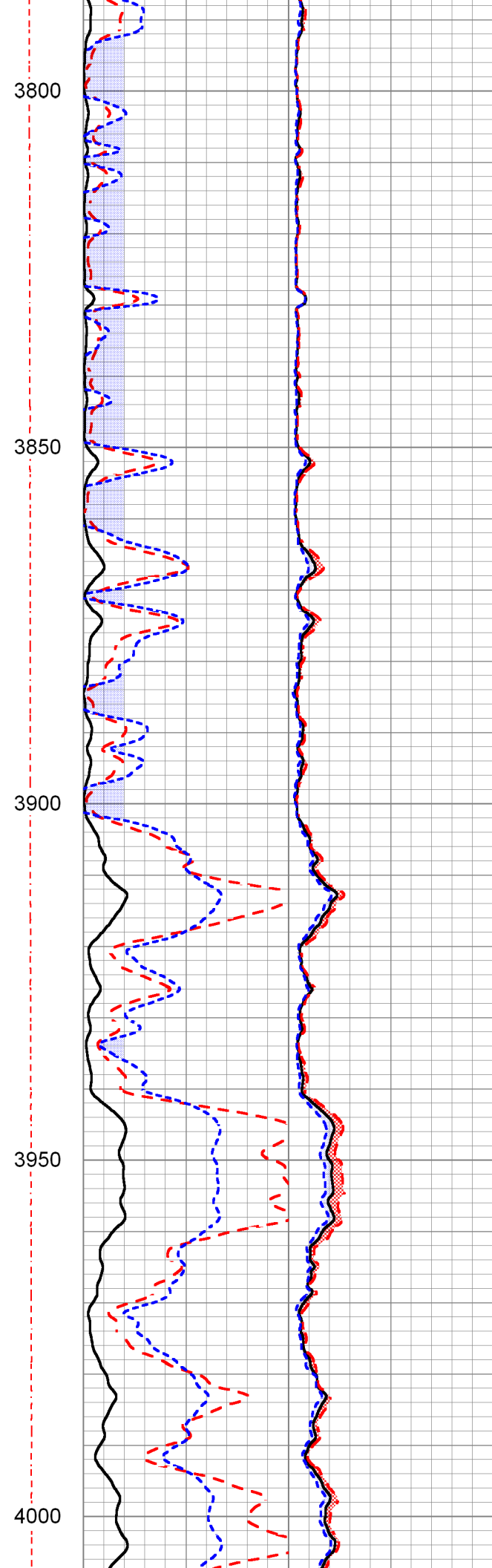
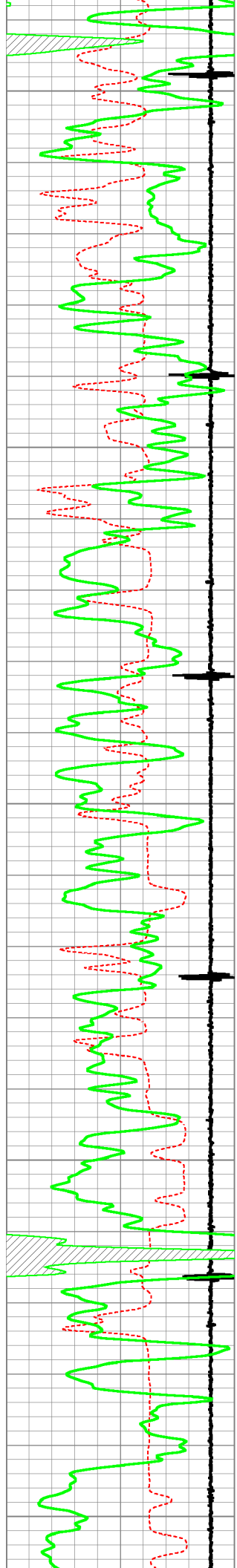
	<h1>MAIN PASS</h1> <h2>00 PSI SURFACE PRESSURE</h2>
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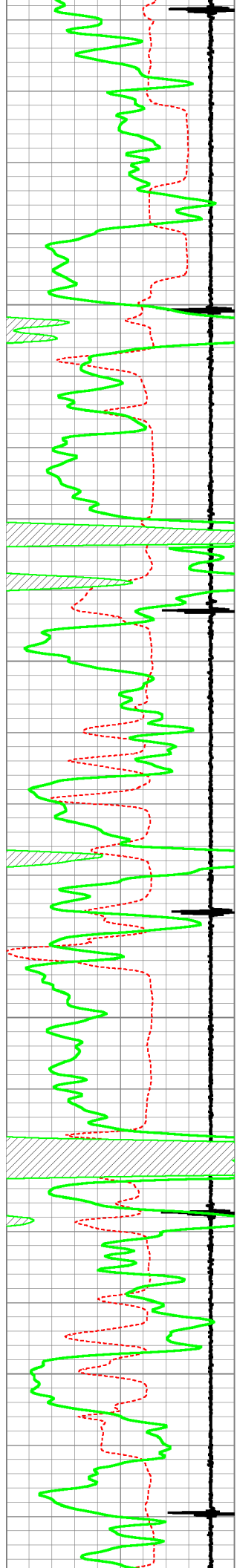
Database File	gulf_lyman_#1-10.db
Dataset Pathname	SCBL/pass4.1
Presentation Format	PINR_S~1
Dataset Creation	Mon Aug 29 09:07:29 2016
Charted by	Depth in Feet scaled 1:240









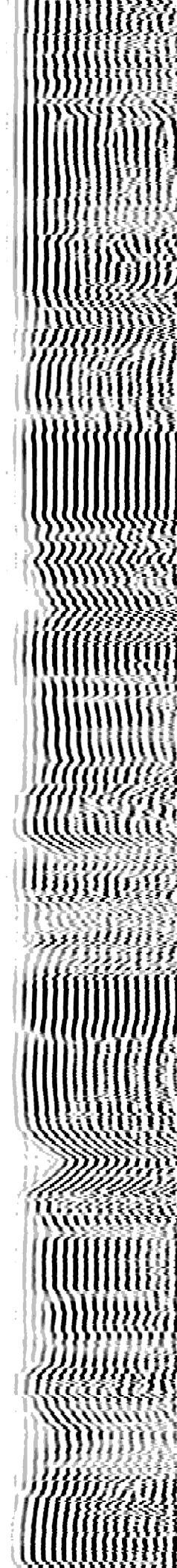
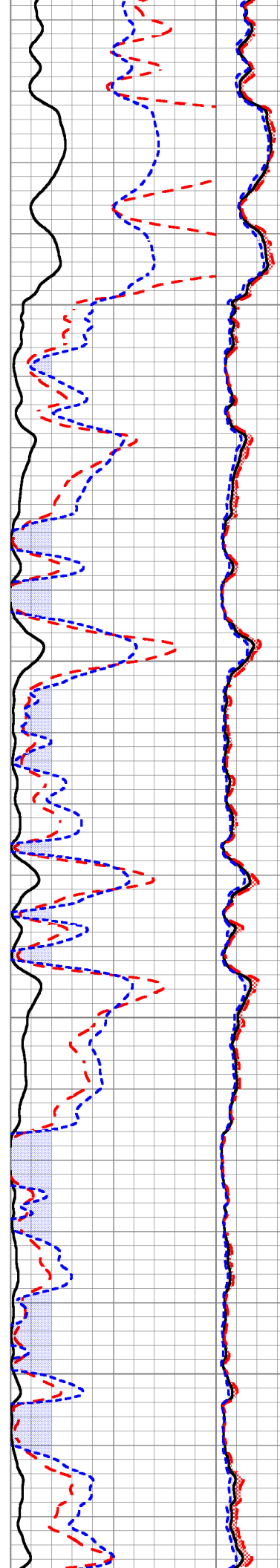


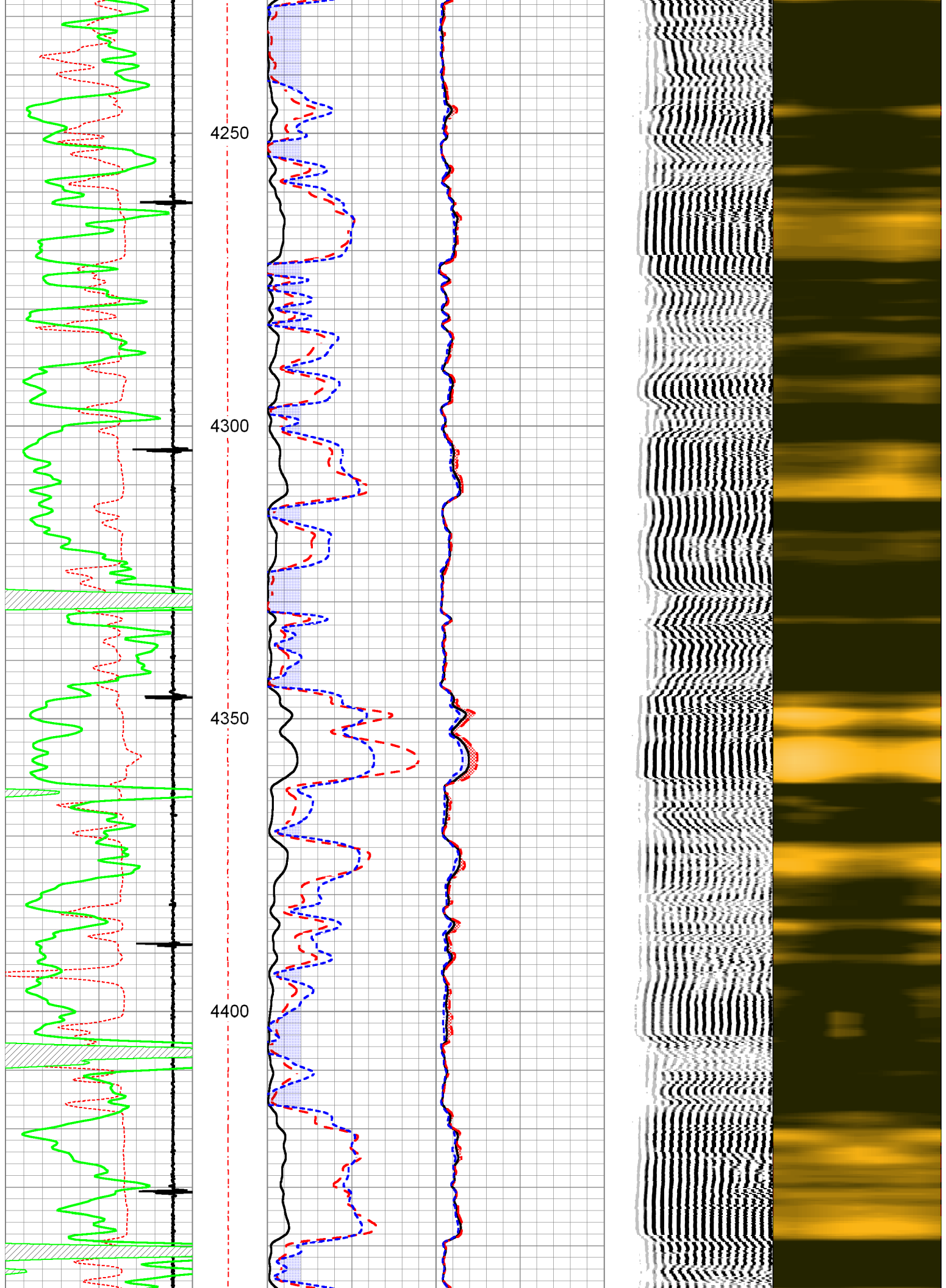
4050

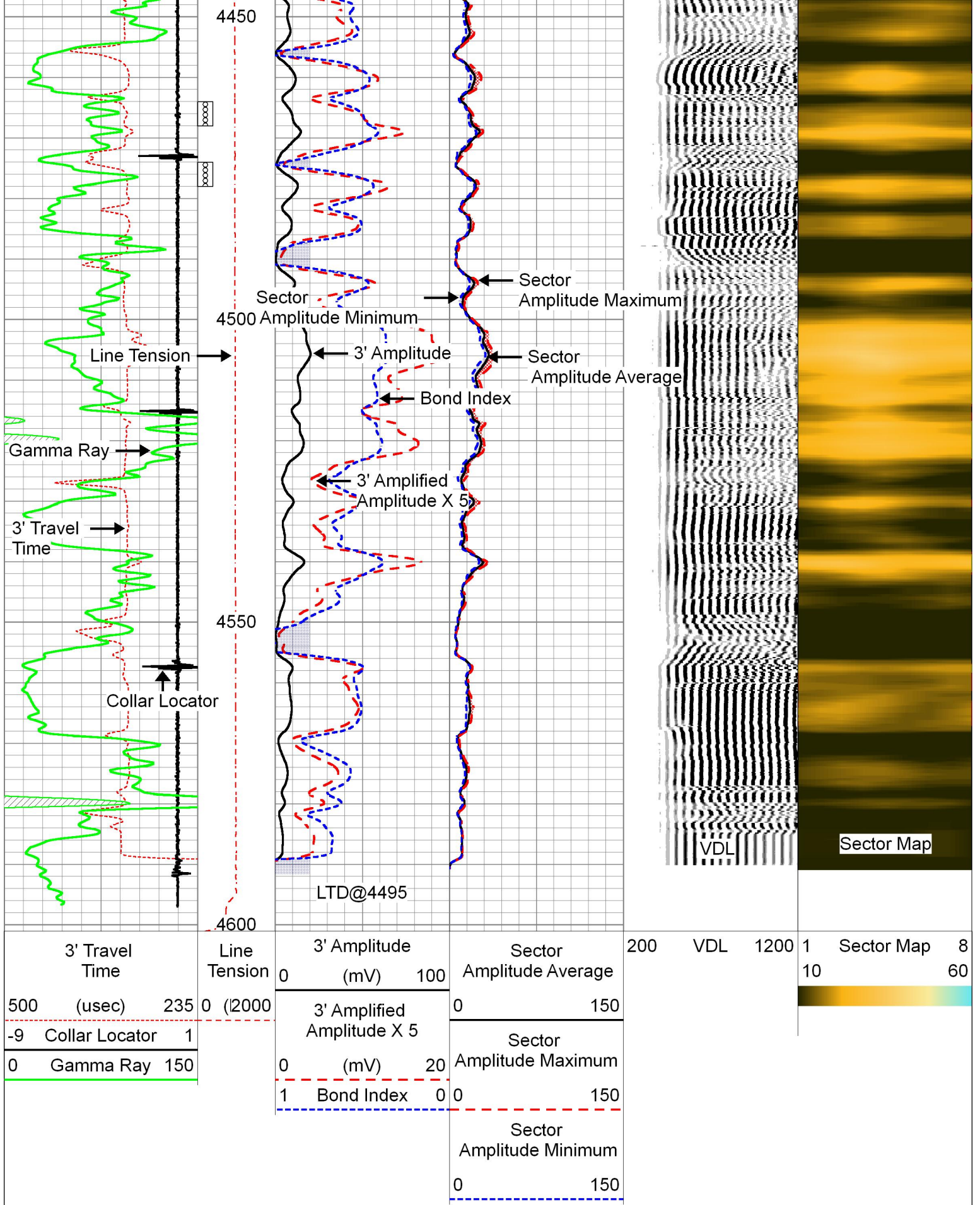
4100

4150

4200







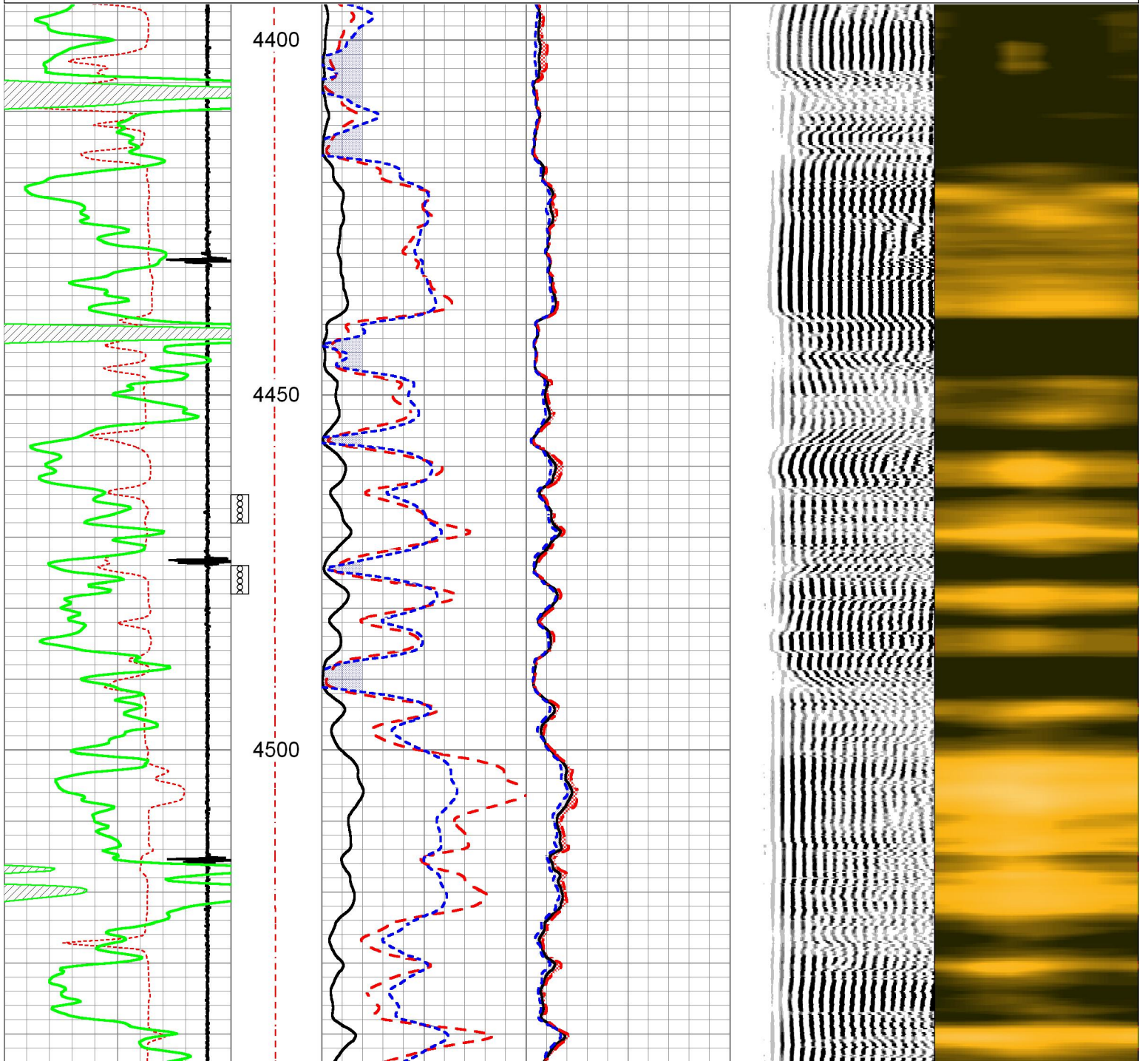
3' Travel Time	Line Tension	3' Amplitude (mV)	Sector Amplitude Average	200	VDL	1200	1	Sector Map	8
500 (usec)	0 (2000)	0 100	0 150				10		60
-9 Collar Locator		3' Amplified Amplitude X 5 (mV)	Sector Amplitude Maximum						
0 Gamma Ray		0 20	0 150						
		1 Bond Index	Sector Amplitude Minimum						
		0 0	0 150						

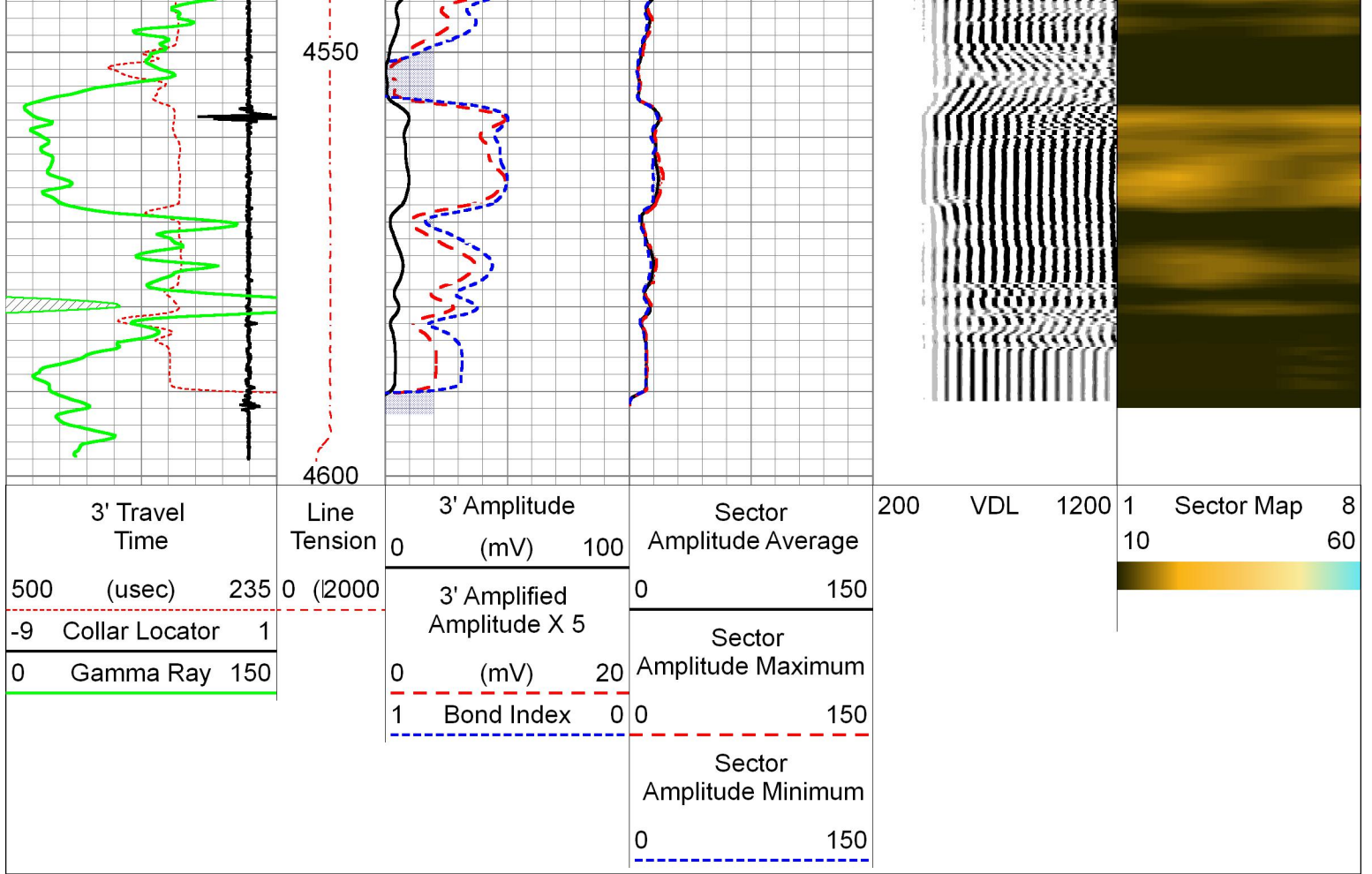


REPEAT SECTION

Database File gulf_lyman_#1-10.db
 Dataset Pathname SCBL/pass3.1
 Presentation Format PINR_S~1
 Dataset Creation Mon Aug 29 08:47:58 2016
 Charted by Depth in Feet scaled 1:240

3' Travel Time	Line Tension	3' Amplitude (mV)	Sector Amplitude Average	200	VDL	1200	1	Sector Map	8
500 (usec) 235	0 (2000)	0 100	0 150				10		60
-9 Collar Locator 1		3' Amplified Amplitude X 5	Sector Amplitude Maximum						
0 Gamma Ray 150		0 (mV) 20	0 150						
		1 Bond Index 0	0 150						
			Sector Amplitude Minimum						
			0 150						





Calibration Report

Database File gulf_lyman_#1-10.db
 Dataset Pathname SCBL/pass4.1
 Dataset Creation Mon Aug 29 09:07:29 2016

Gamma Ray Calibration Report

Serial Number: TigerProbe
 Tool Model: Tiger
 Performed: Thu Sep 17 10:13:13 2015

Calibrator Value: 1.0

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.9200 /cps

Segmented Cement Bond Log Calibration Report

Serial Number: 4.5040904
 Tool Model: Probe

Calibration Casing Diameter: 5.500 in
 Calibration Depth: 3332.608 ft

Master Calibration, performed Mon Aug 29 08:27:16 2016:

Raw (v)		Calibrated (mv)		Results	
Zero	Cal	Zero	Cal	Gain	Offset

3'	-0.006	1.735	0.000	80.000	45.938	-3.700
CAL	-0.006	2.206				
5'	-0.006	2.034	0.000	80.000	39.219	-3.800
SUM						
S1	-0.006	1.932	0.000	105.000	54.191	0.329
S2	-0.006	1.797	0.000	105.000	58.213	0.372
S3	-0.006	1.564	0.000	105.000	66.890	0.400
S4	-0.007	1.376	0.000	105.000	75.919	0.534
S5	-0.006	1.388	0.000	105.000	75.303	0.463
S6	-0.007	1.600	0.000	105.000	65.349	0.446
S7	-0.006	1.870	0.000	105.000	55.967	0.326
S8	-0.006	1.978	0.000	105.000	52.915	0.327

Air Zero Calibration, performed Tue Aug 25 11:34:16 2015:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	
SUM						
S1	0.000		0.000		0.000	
S2	0.000		0.000		0.000	
S3	0.000		0.000		0.000	
S4	0.000		0.000		0.000	
S5	0.000		0.000		0.000	
S6	0.000		0.000		0.000	
S7	0.000		0.000		0.000	
S8	0.000		0.000		0.000	



Company GULF EXPLORATION LLC
Well LYMAN #1-10
Field WILDCAT
County THOMAS
State KANSAS

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Jay Scott Emler, Chairman
Shari Feist Albrecht, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

November 03, 2016

Pat McGraw
Gulf Exploration, LLC
9701 N. BROADWAY EXTENSION
OKLAHOMA CITY, OK 73114

Re: Plugging Application
API 15-193-20968-00-00
LYMAN 1-10
NE/4 Sec.10-07S-36W
Thomas County, Kansas

Dear Pat McGraw:

The Conservation Division has received your Well Plugging Application (CP-1).

Under K.A.R. 82-3-113(b)(2), you must notify DISTRICT 4 of your proposed plugging plan at least 5 days before plugging the well. DISTRICT 4's phone number is (785) 625-0550. Failure to notify DISTRICT 4, or failure to file a Well Plugging Record (CP-4) after the well is plugged will result in a penalty recommendation.

Under K.A.R. 82-3-600, you must file an Application for Surface Pit (CDP-1) if you wish to use a workover pit while plugging the well. Failure to timely file a CDP-1, failure to timely remove fluids, or failure to timely file Closure of Surface Pit (CDP-4) or Waste Transfer (CDP-5) forms will result in a penalty recommendation.

This receipt does NOT constitute authorization to plug this well if you do not otherwise have the legal right to do so.

This receipt is VOID after May 03, 2017. If the well is not plugged by then, you will have to submit a new CP-1 if you wish to plug the well.

The May 03, 2017 deadline does NOT override any compliance deadline given to you by Legal, District, or other Commission Staff. Failure to comply with any given deadline will still result in the Commission assessing penalties, or taking other legal action.

Sincerely,
Production Department Supervisor

cc: DISTRICT 4