C&J ENERGY SERVICES

GAMMA RAY CCL
CEMENT BOND VDL

Company ANADARKO
Well MEGAN STATE H 21-28 D
Field WATTENBERG
County WELD
State COLORADO

Company ANADARKO
Well MEGAN STATE H 21-28 D
Field WATTENBERG
County WELD **State** COLORADO

Location: API # : 05-123-32268

SW/SE

SEC 16 TWP 3N RGE 65W

Permanent Datum GL Elevation 4834
Log Measured From KB
Drilling Measured From KB

Other Services

Elevation
K.B. 4849
D.F.
G.L. 4834

Date	JUNE 18, 2018		
Run Number	ONE		
Depth Driller	7854		
Depth Logger	6950		
Bottom Logged Interval	SURFACE		
Top Log Interval	SURFACE		
Open Hole Size	7-7/8		
Type Fluid	WATER		
Density / Viscosity	N/A		
Max. Recorded Temp.	N/A		
Estimated Cement Top			
Time Well Ready	10:00		
Time Logger on Bottom	10:25		
Equipment Number	922338		
Location	FORT LUPTON		
Recorded By	GREG NOLAN		
Witnessed By	NATE WINDHOLZ		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8-5/8	24#	SURFACE	752
Prot. String				
Production String	4-1/2	11.6#	SURFACE	7844
Liner				

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

THANKY OU FOR CHOOSING CHS!!!!
LOG NOT CORRELATED
WCR 32 & WCR 39, E1, N.8, SE.4 INTO

C&J ENERGY SERVICES

LOGGED UNDER 500 PSI

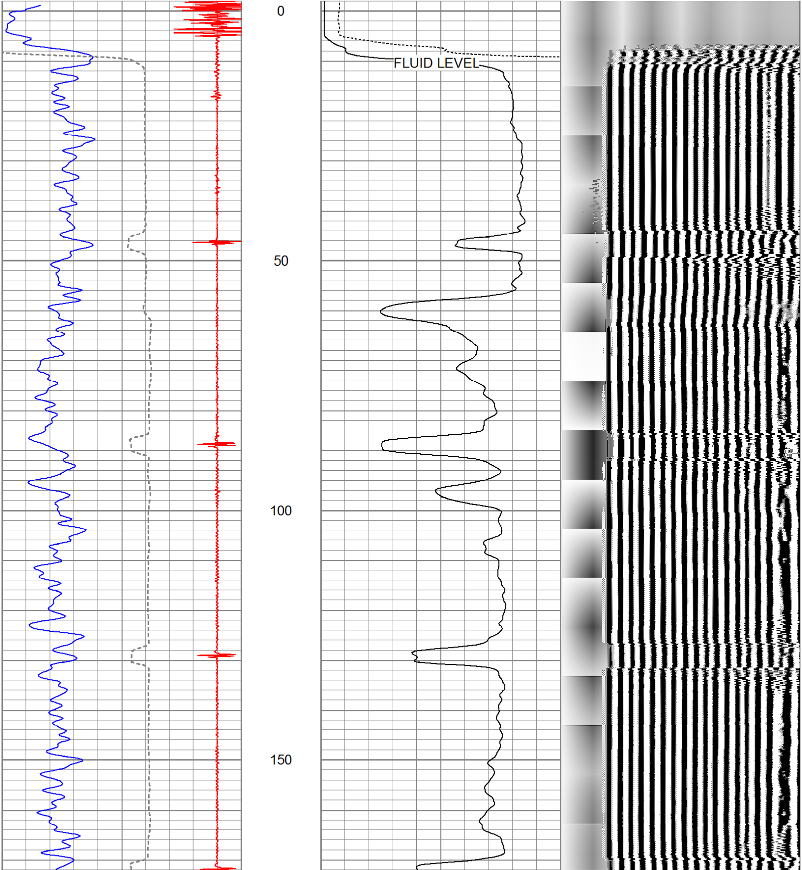
JUNE 18, 2018

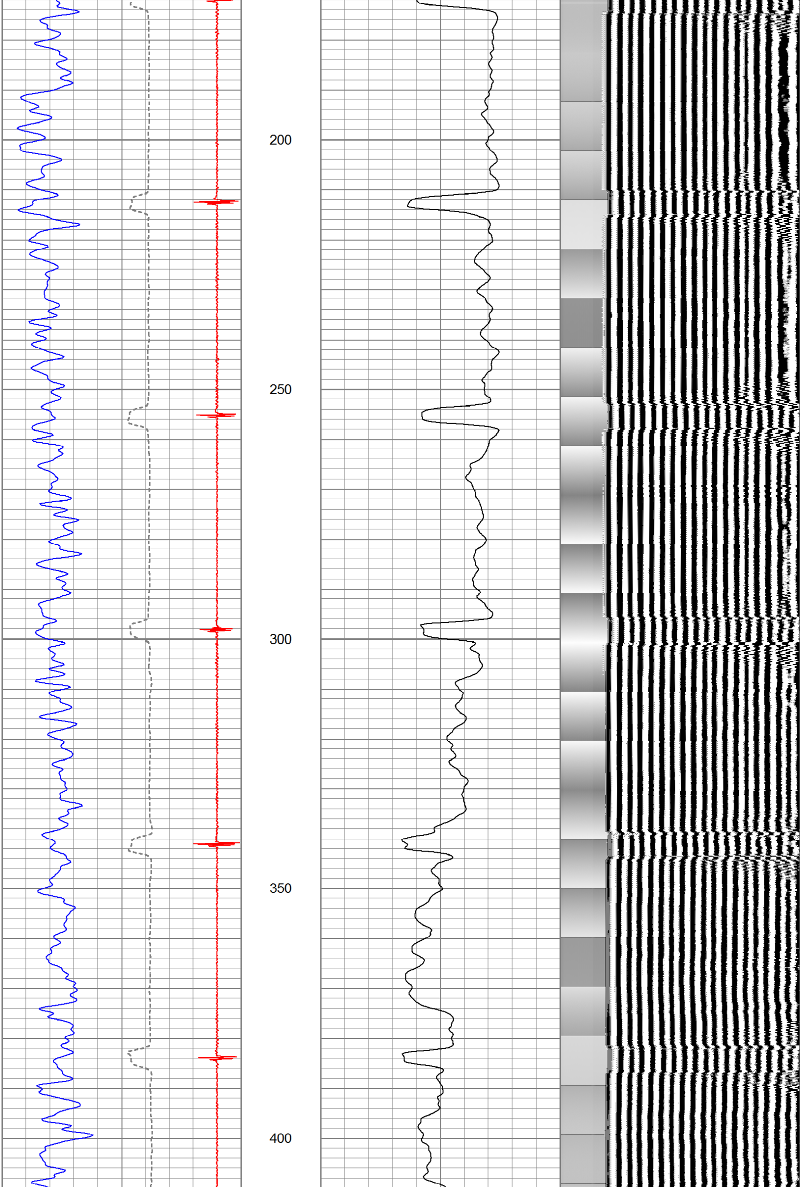
Database File:	cbl anadarko megan state h21-28d.db
Dataset Pathname:	pass4
Presentation Format:	sec 3-5
Dataset Creation:	Mon Jun 18 11:02:16 2018 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

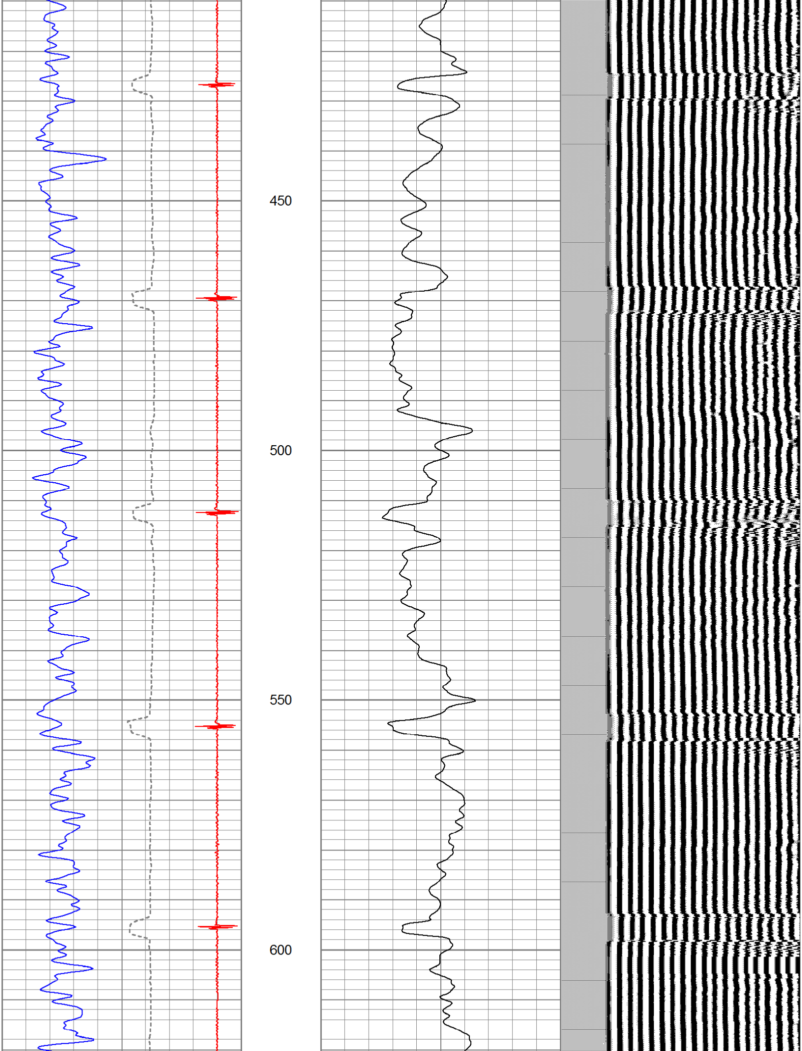
50	CCL	-5.5
0	Gamma Ray (GAPI)	200
340	TT3 (usec)	240

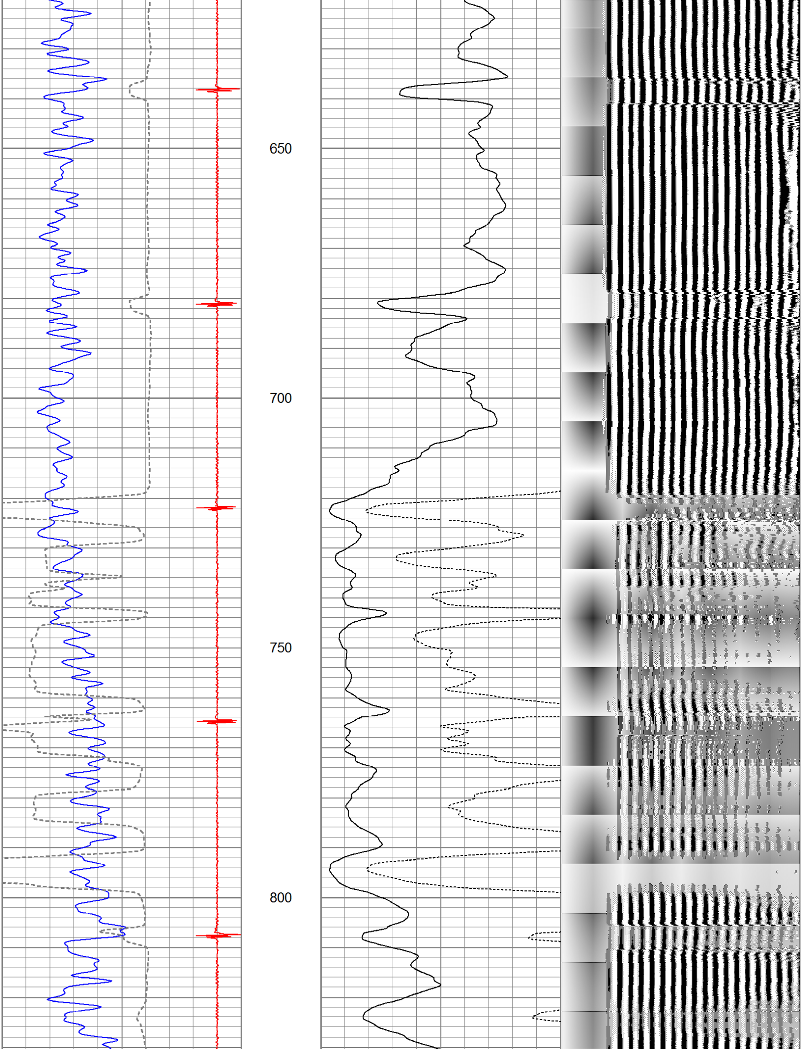
0	Amplified Amplitude (mV)	20
0	Amplitude (mV)	100

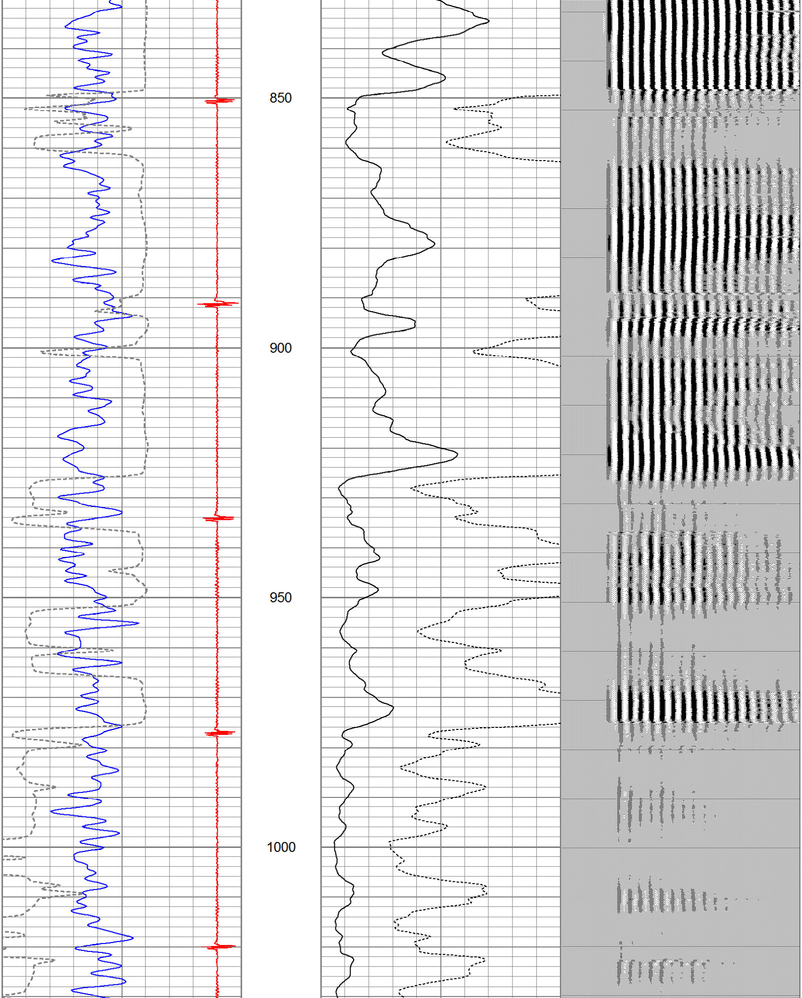
200	Variable Density	1200

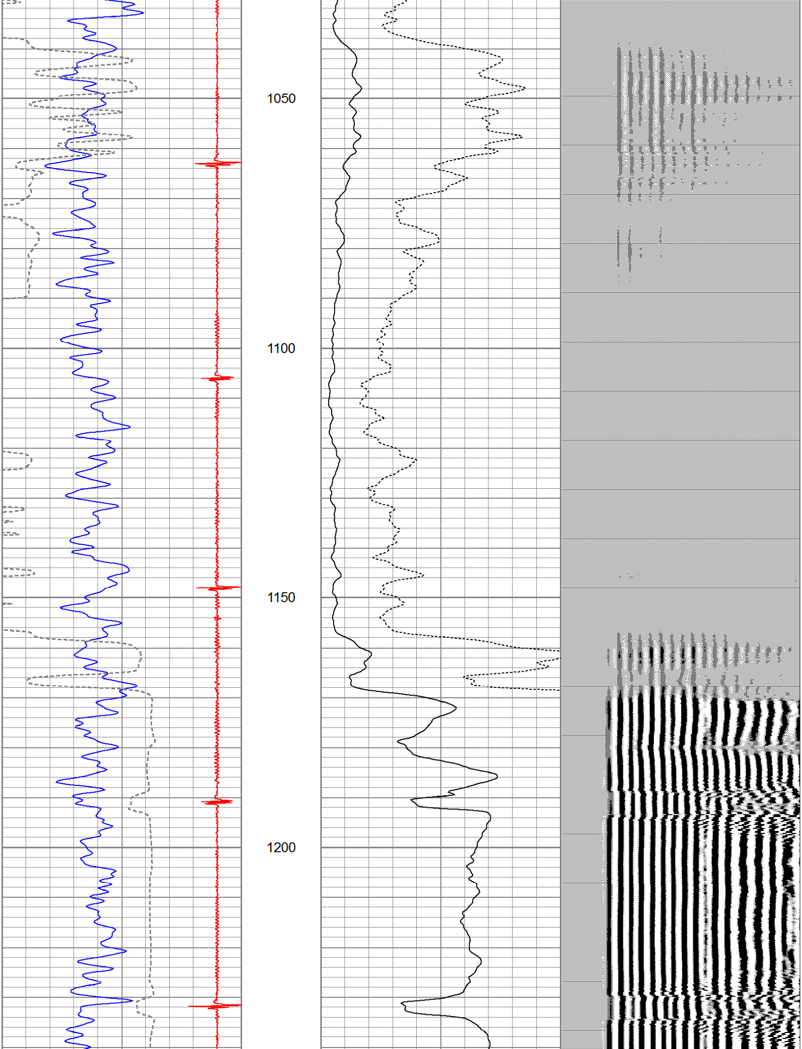


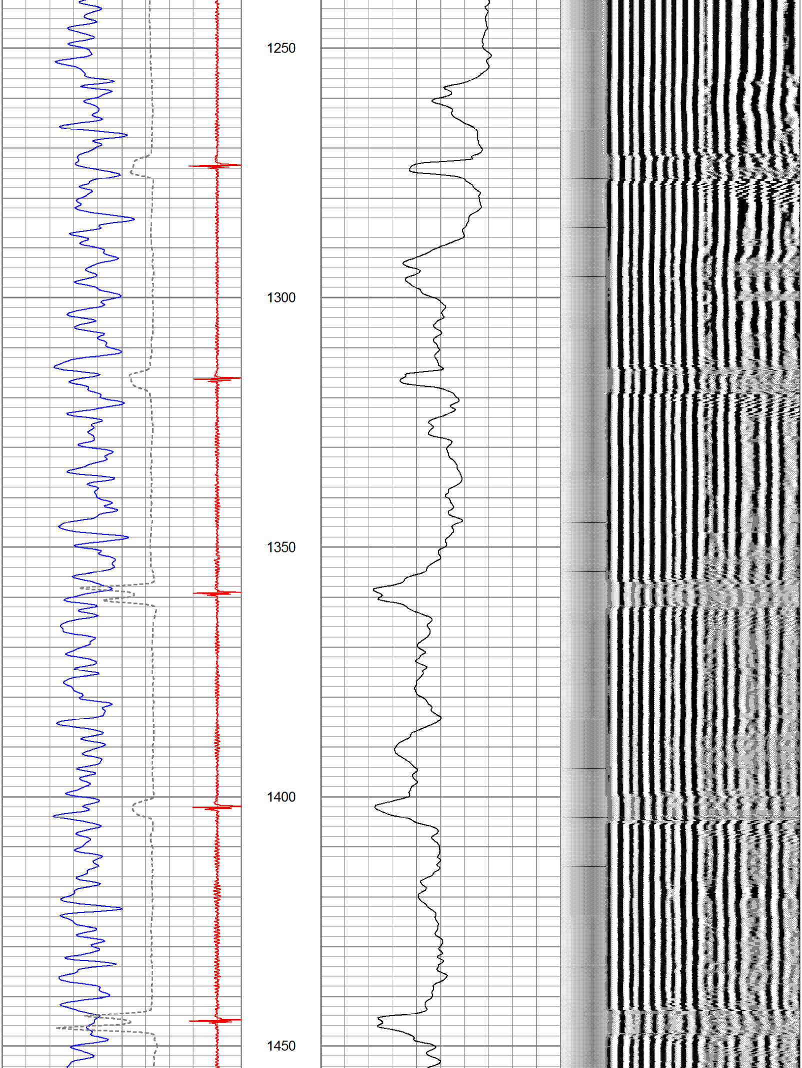


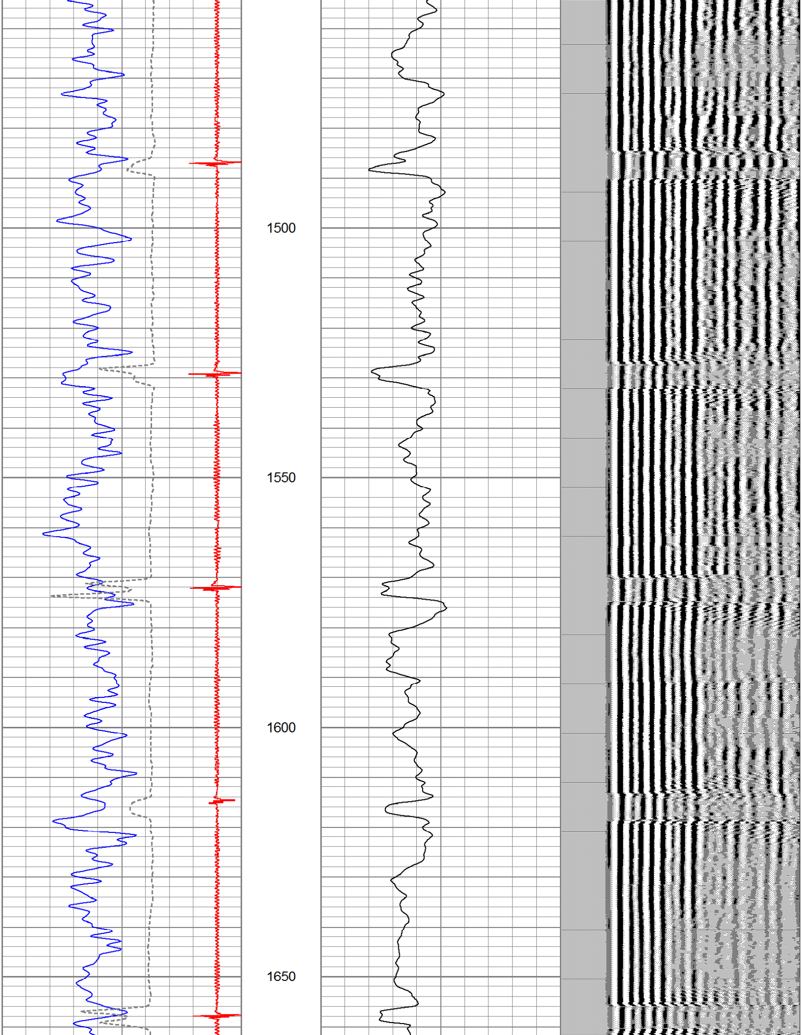


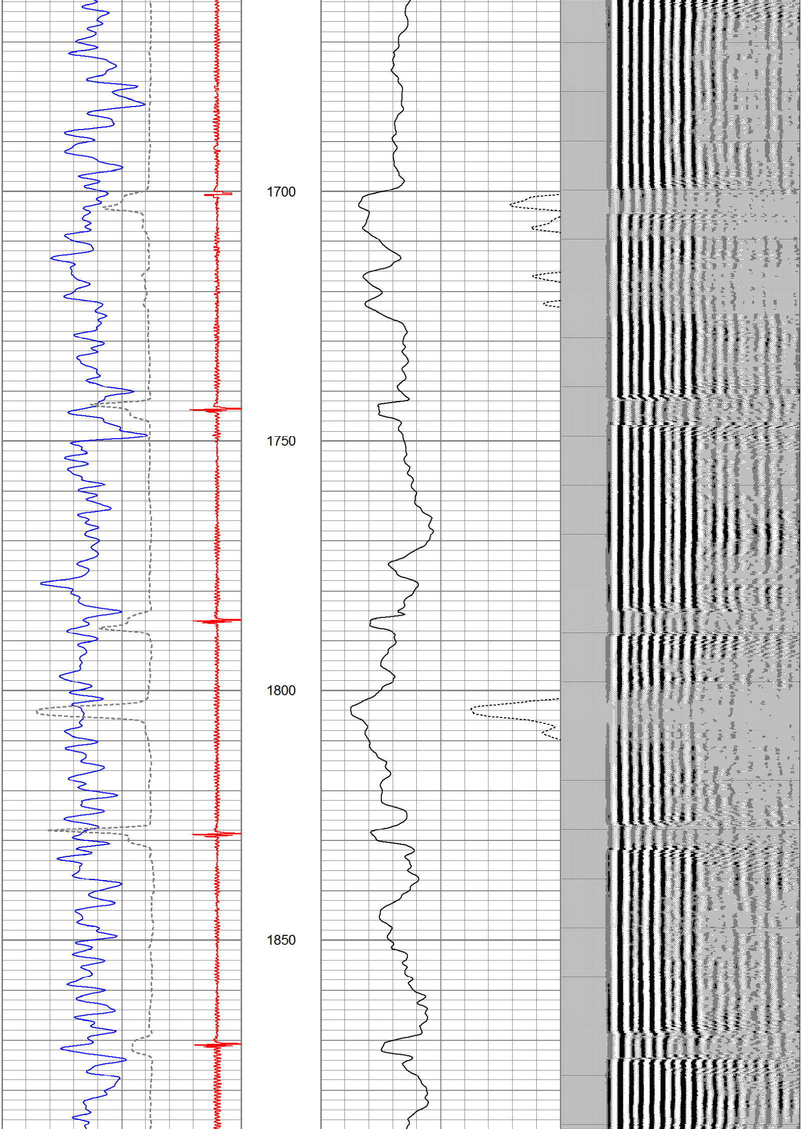


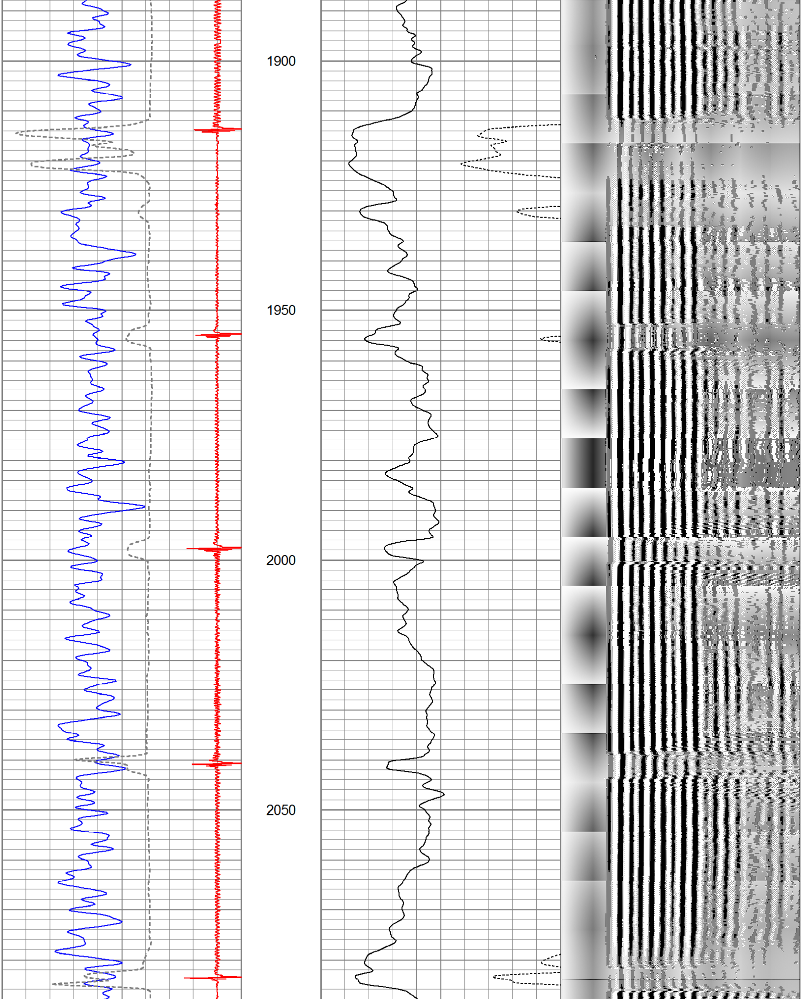


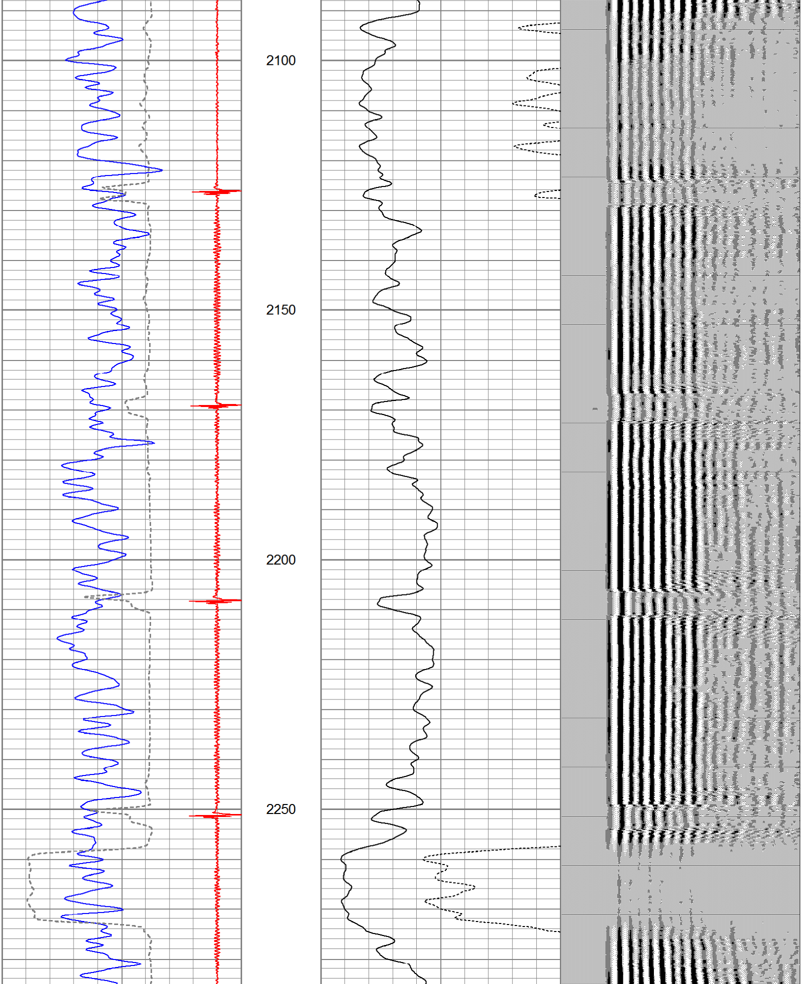


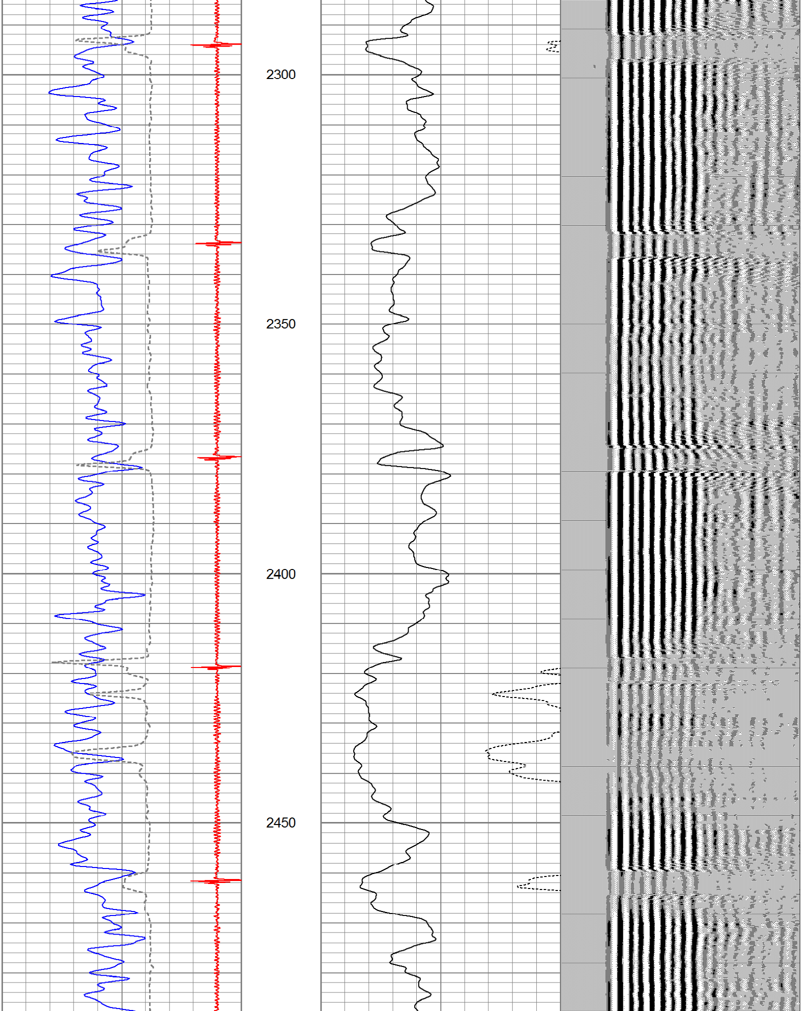


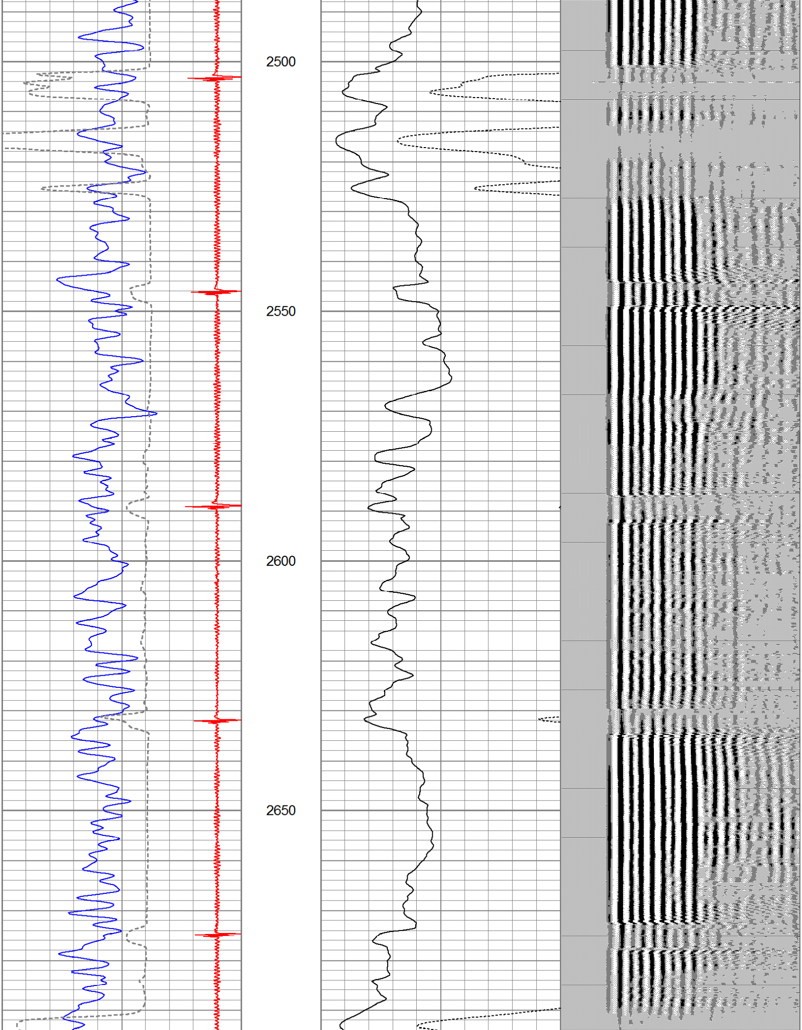


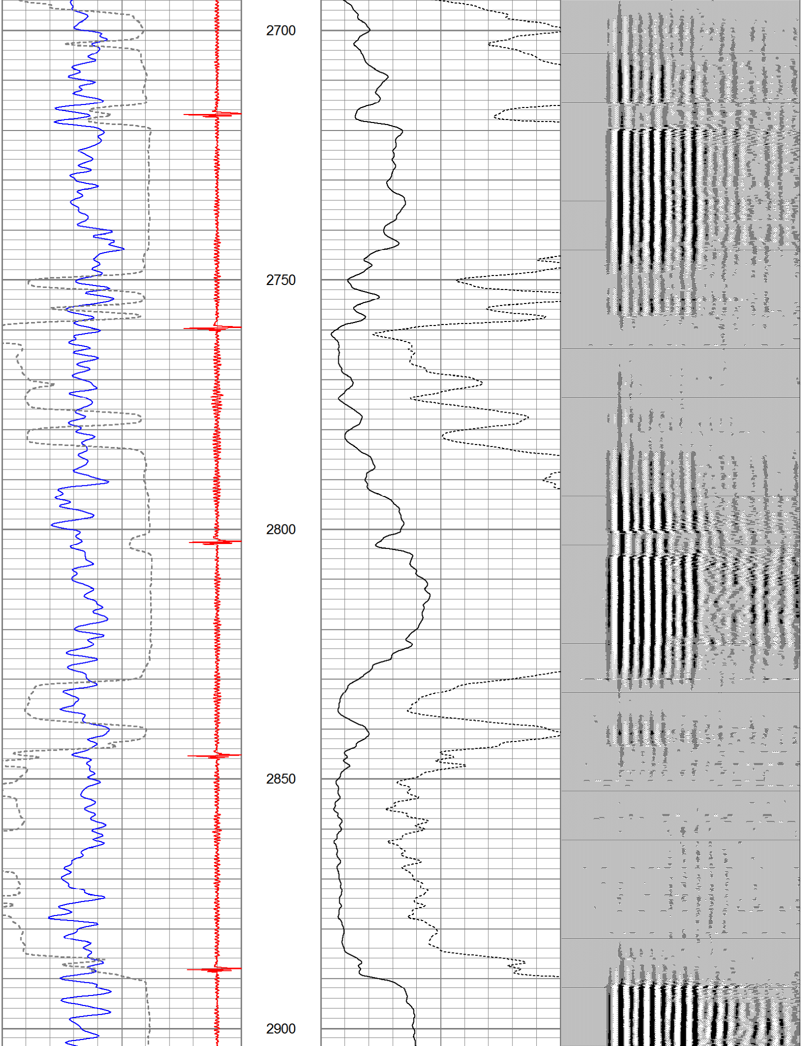


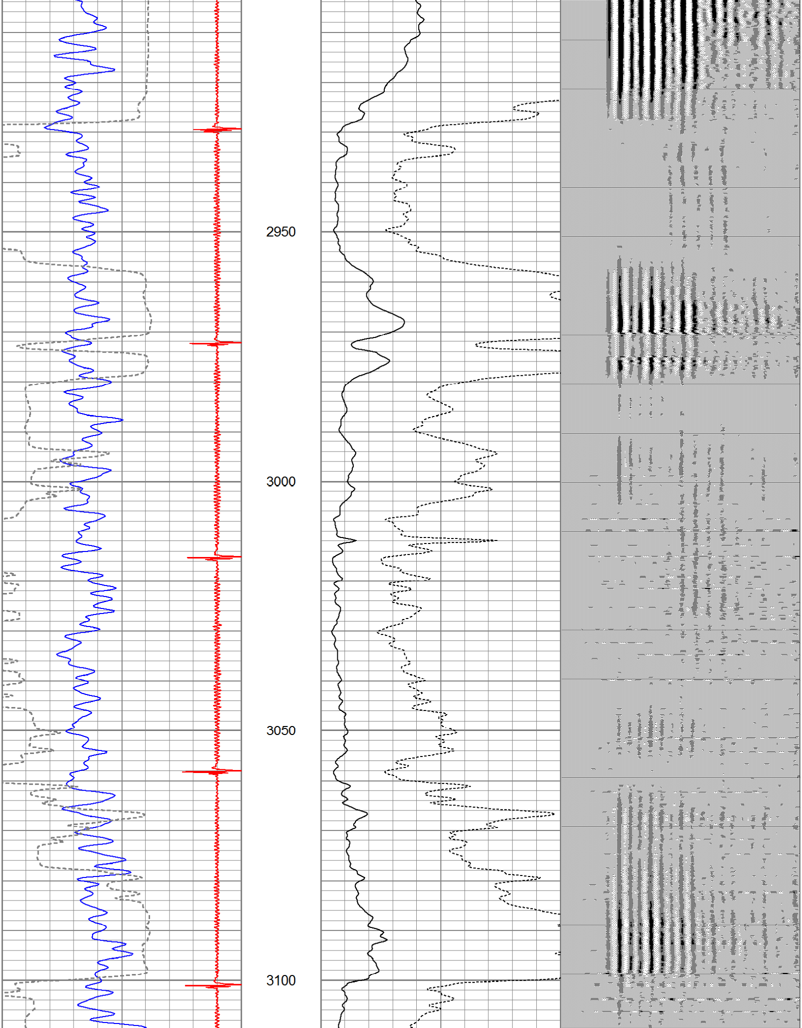


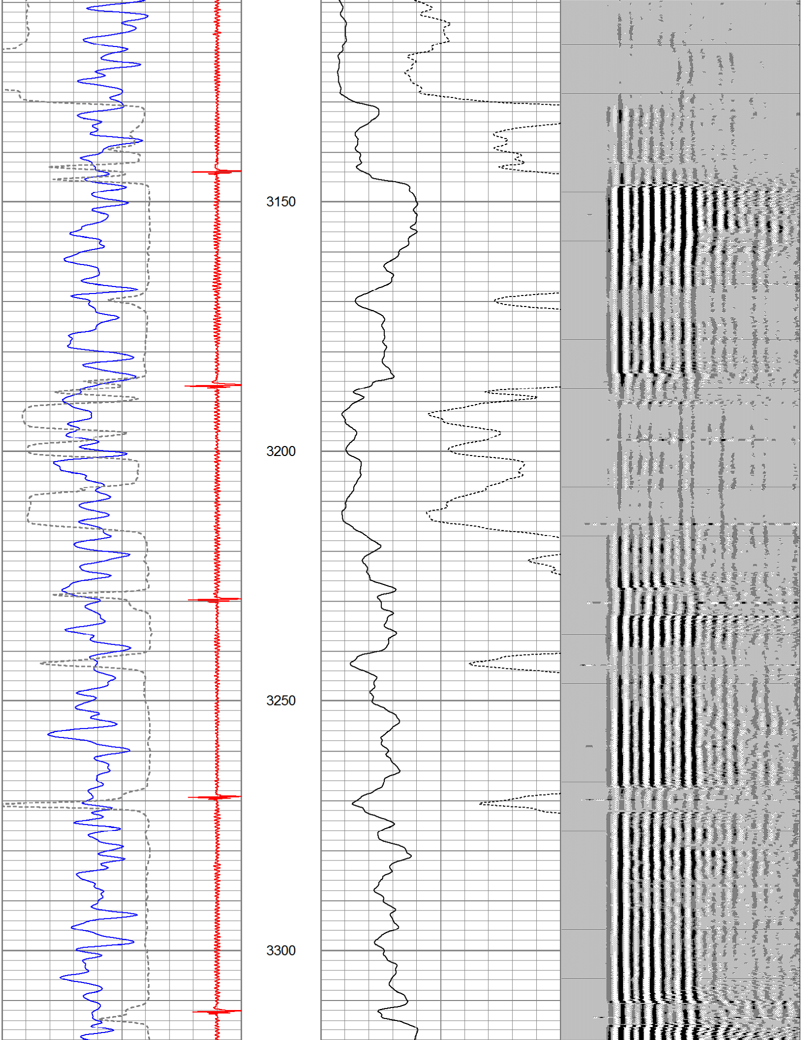


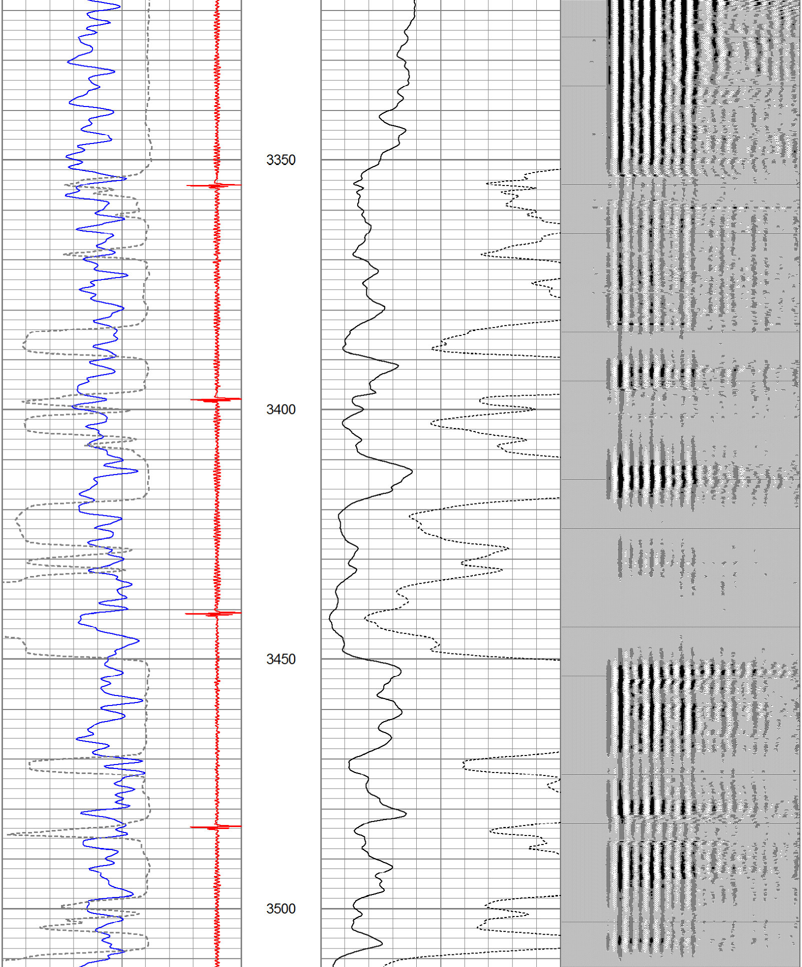


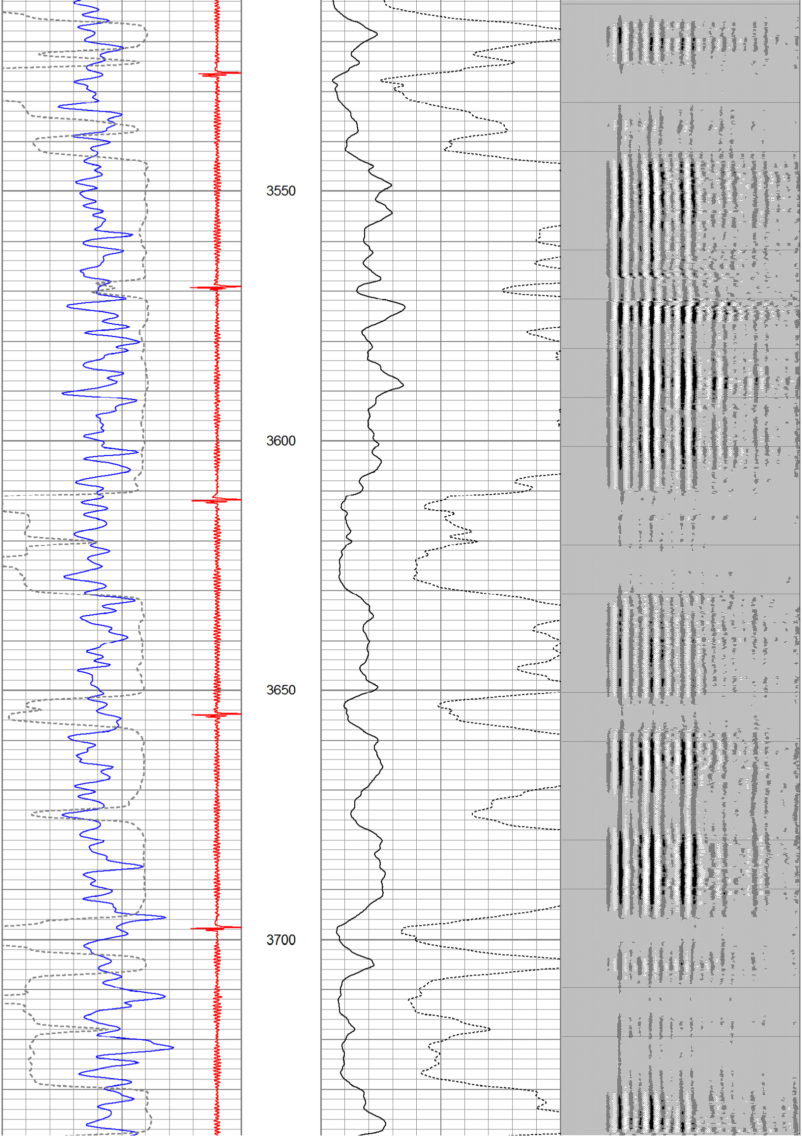


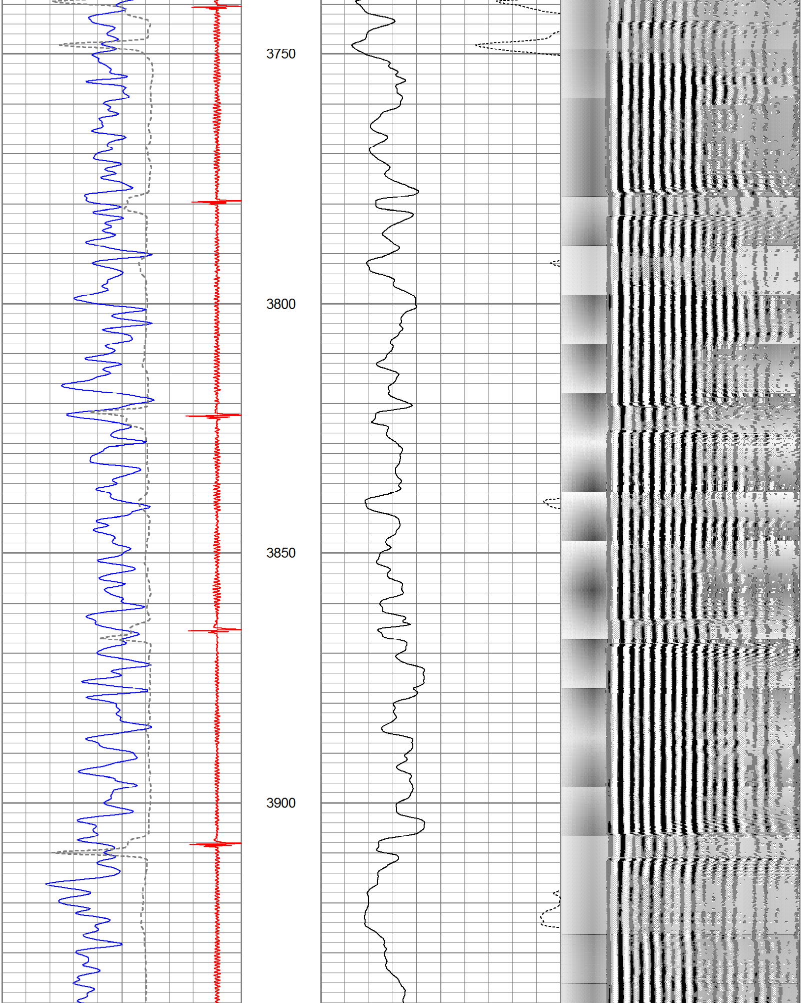


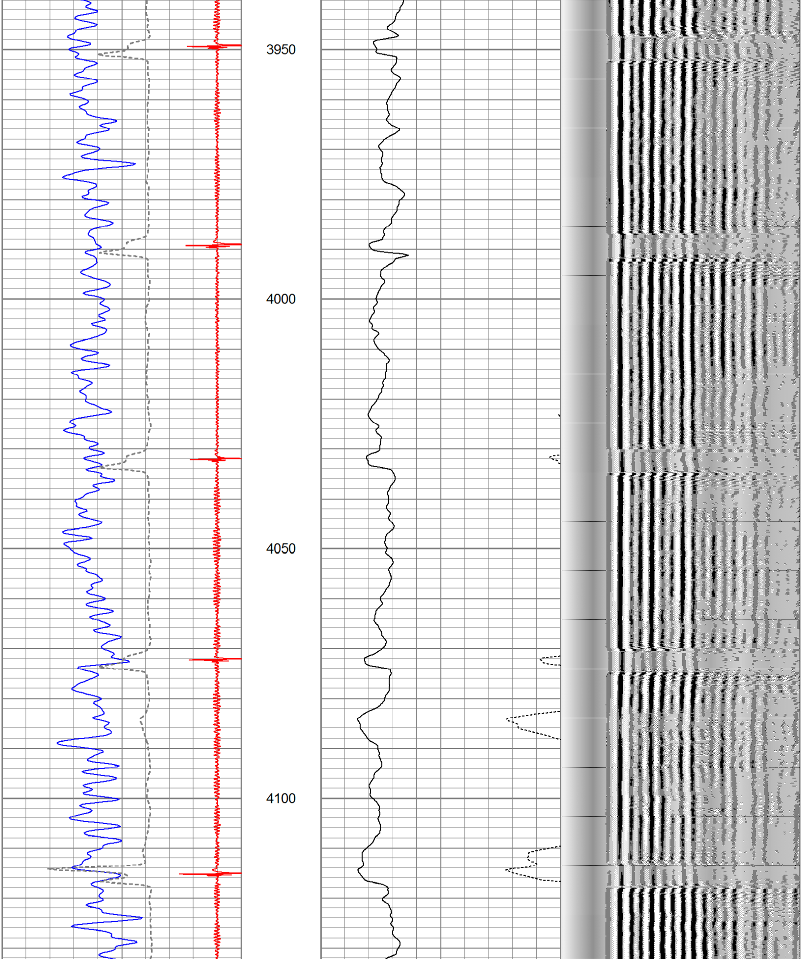


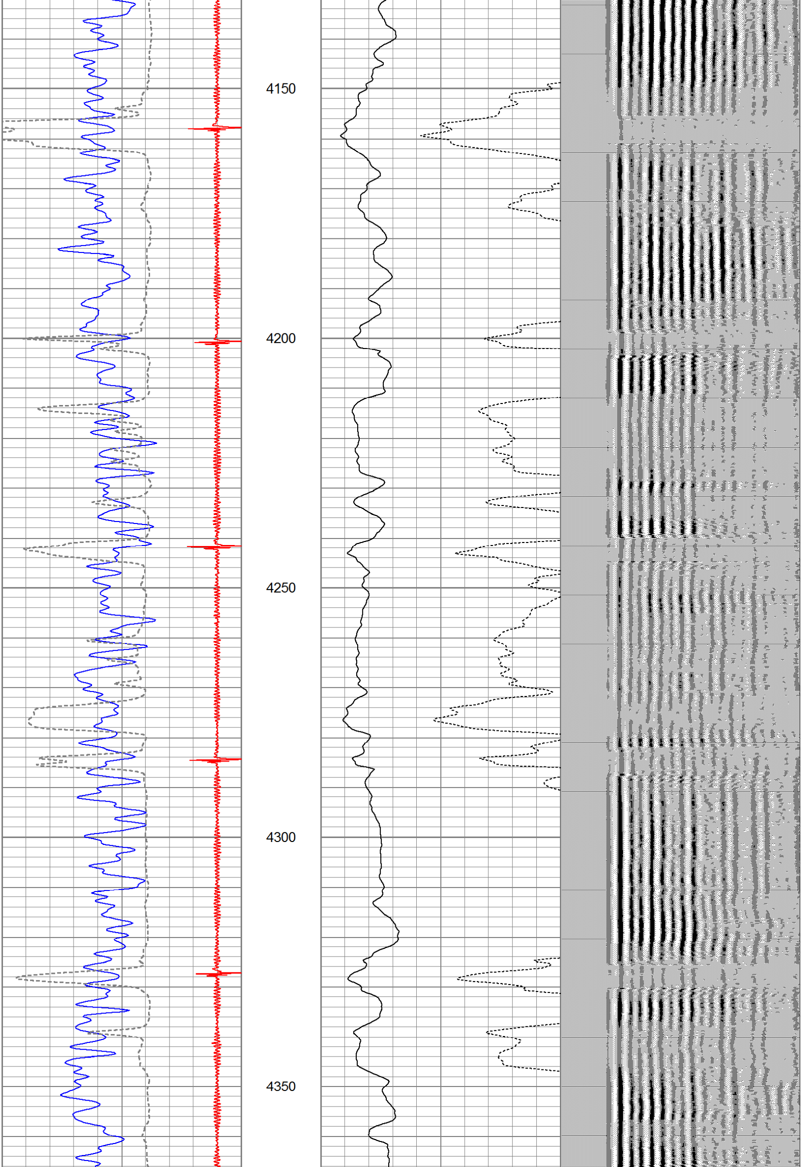


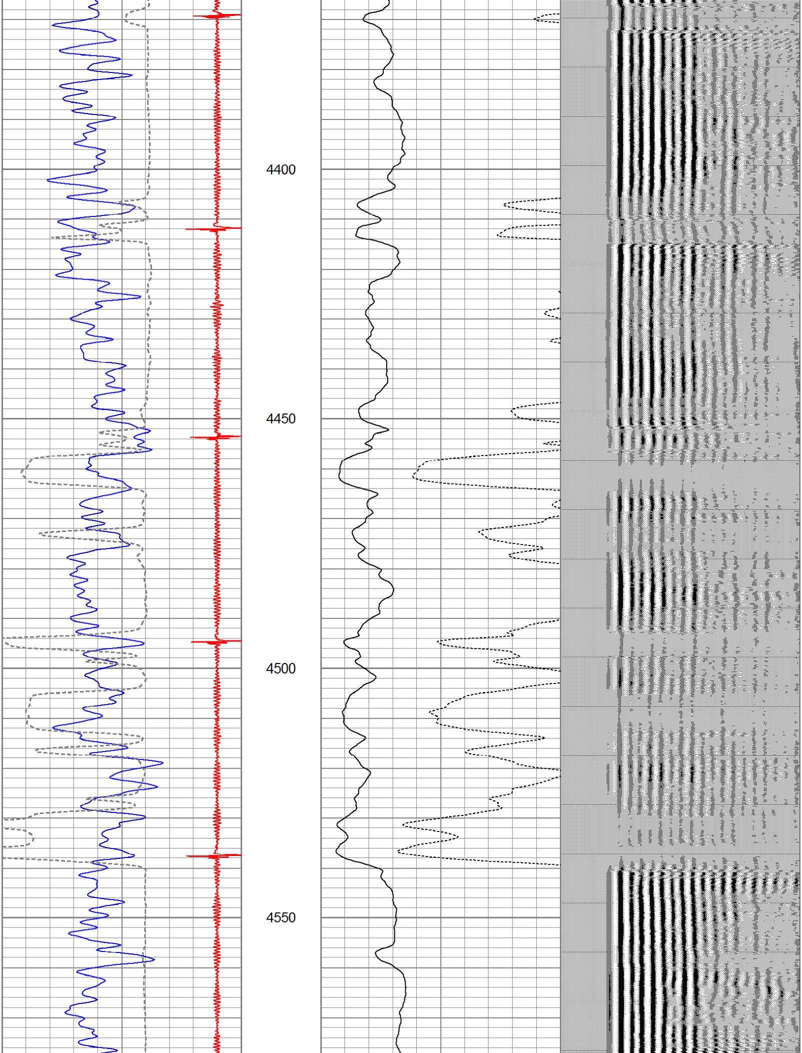


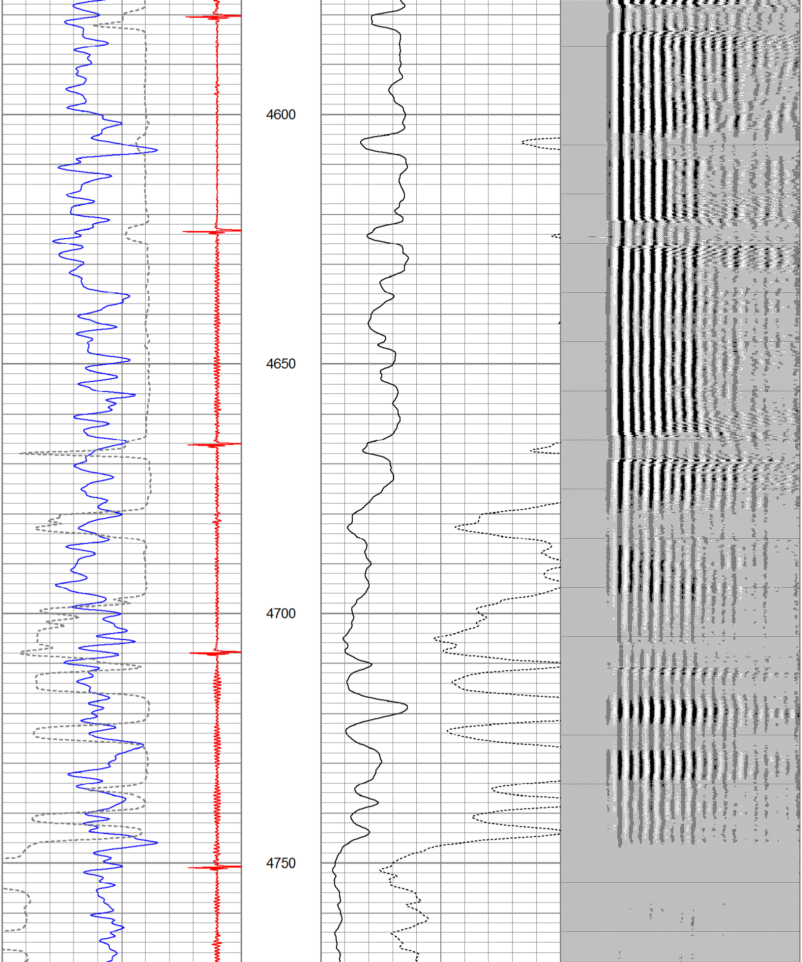


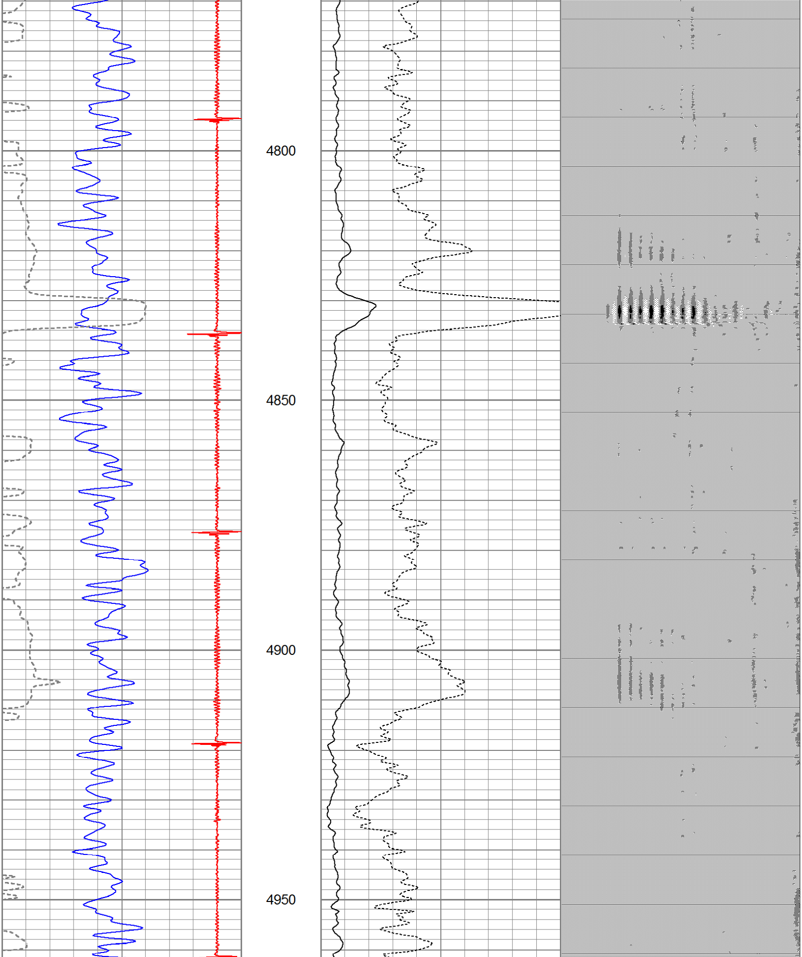


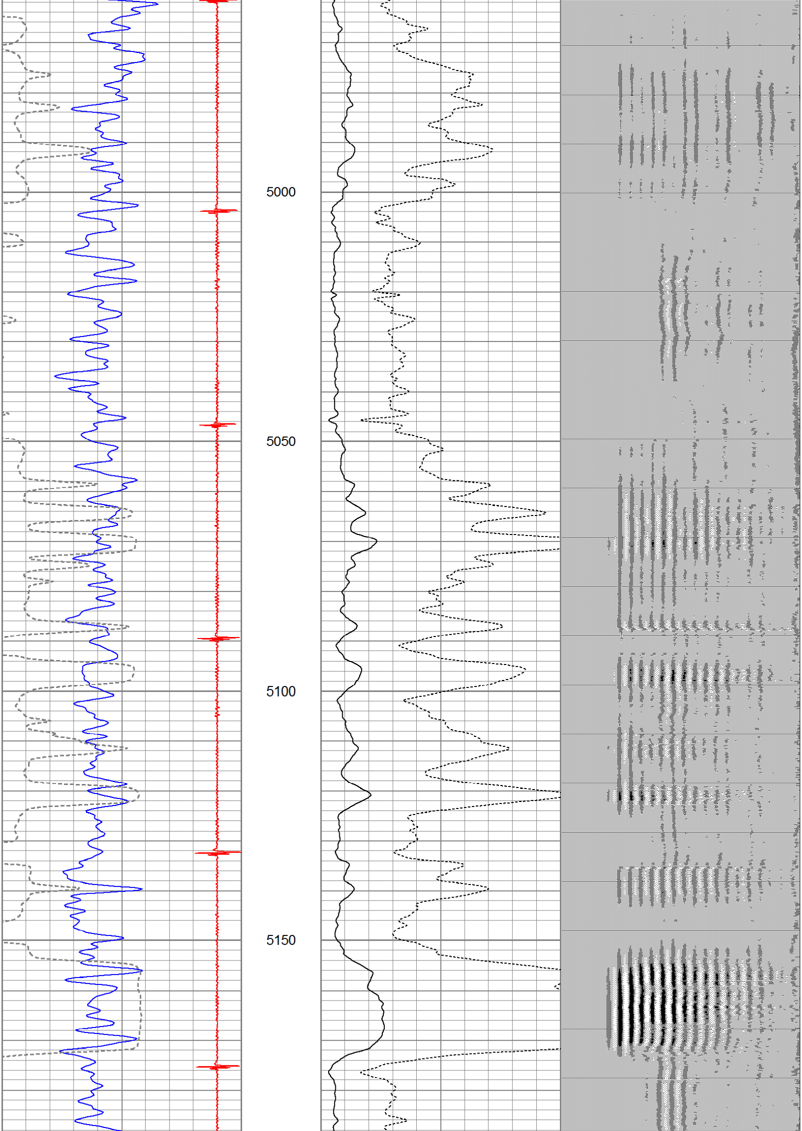


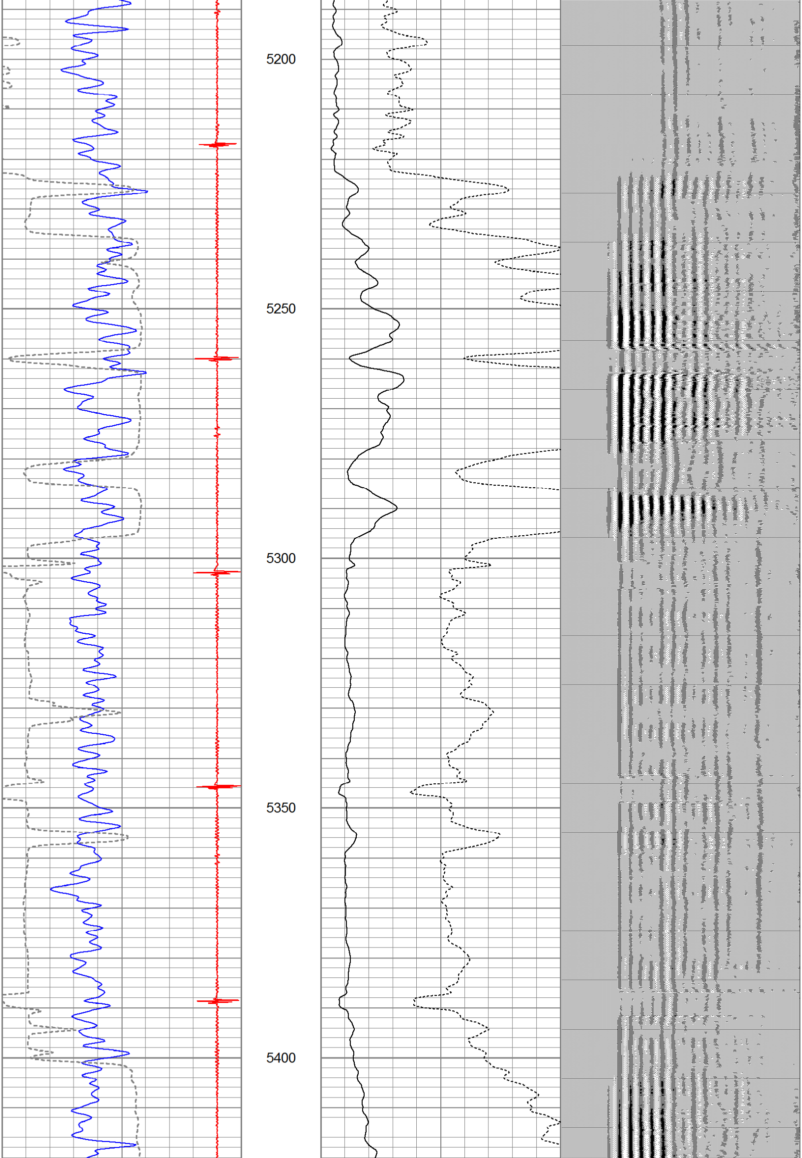


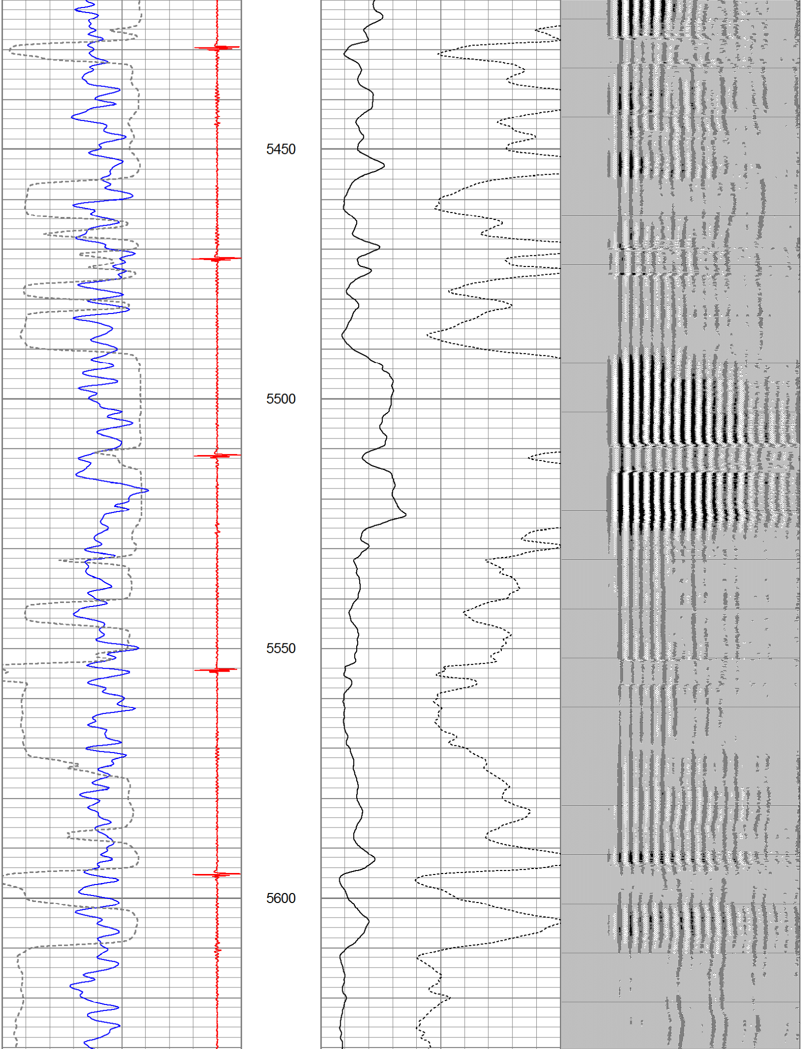


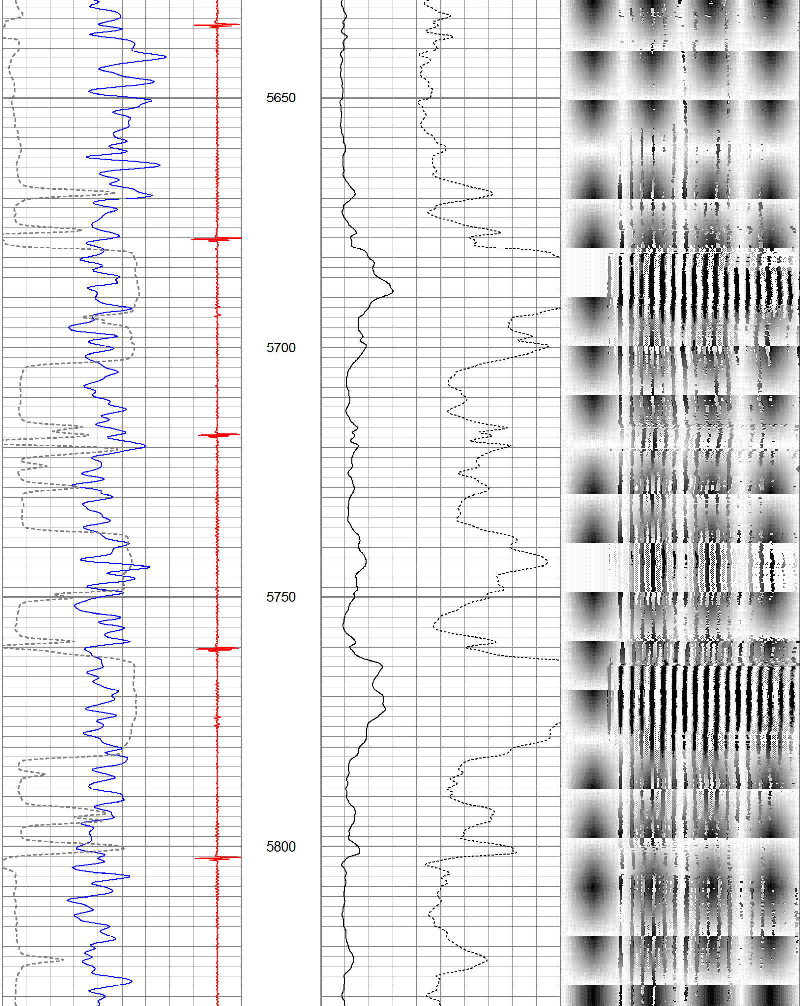


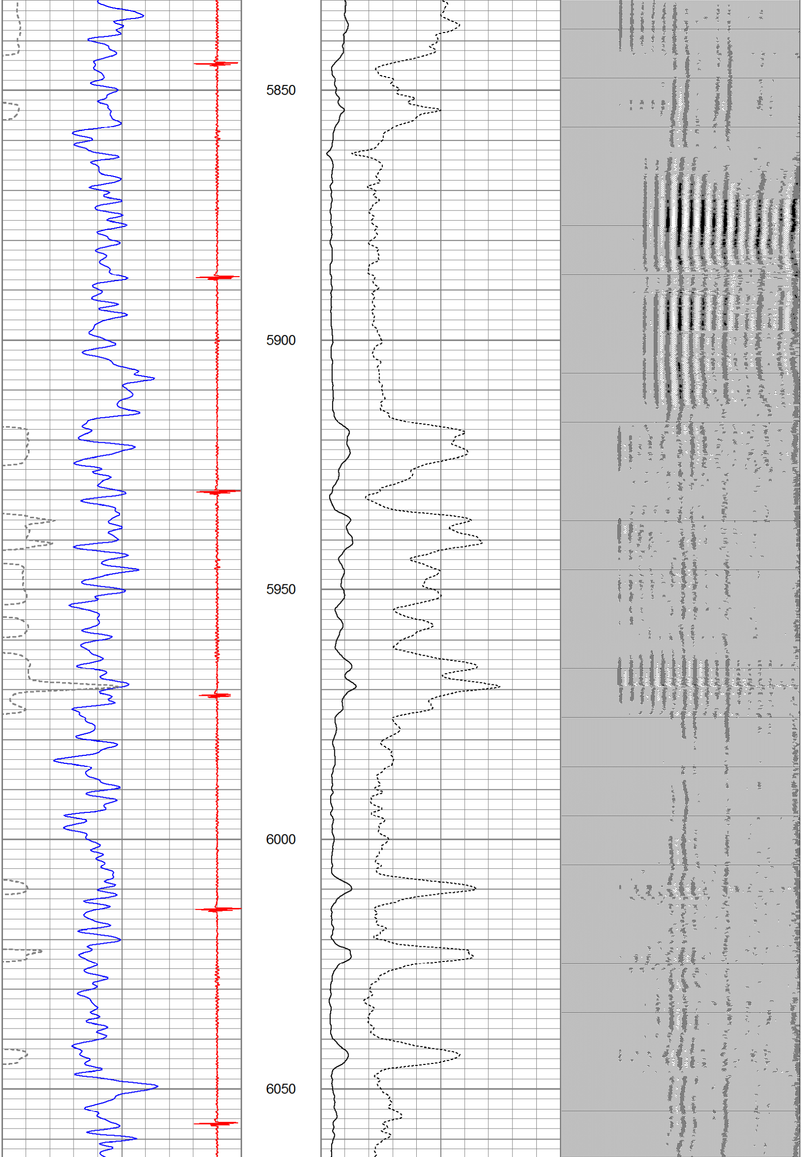


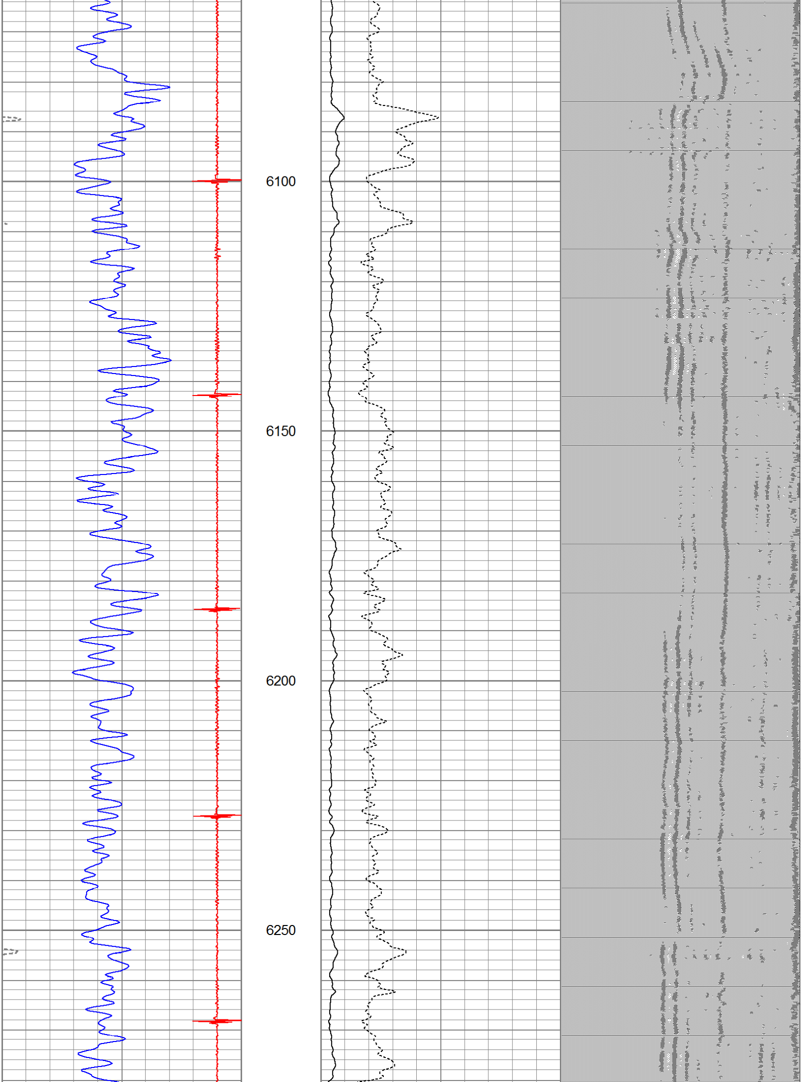


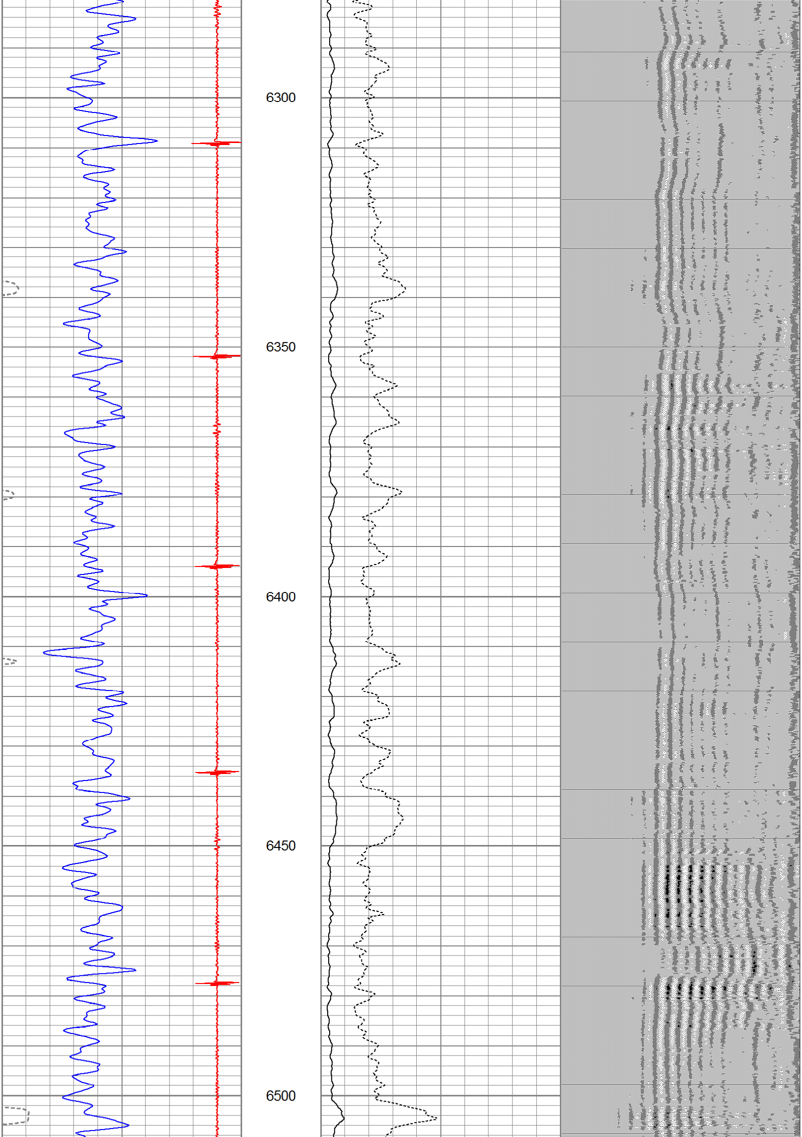


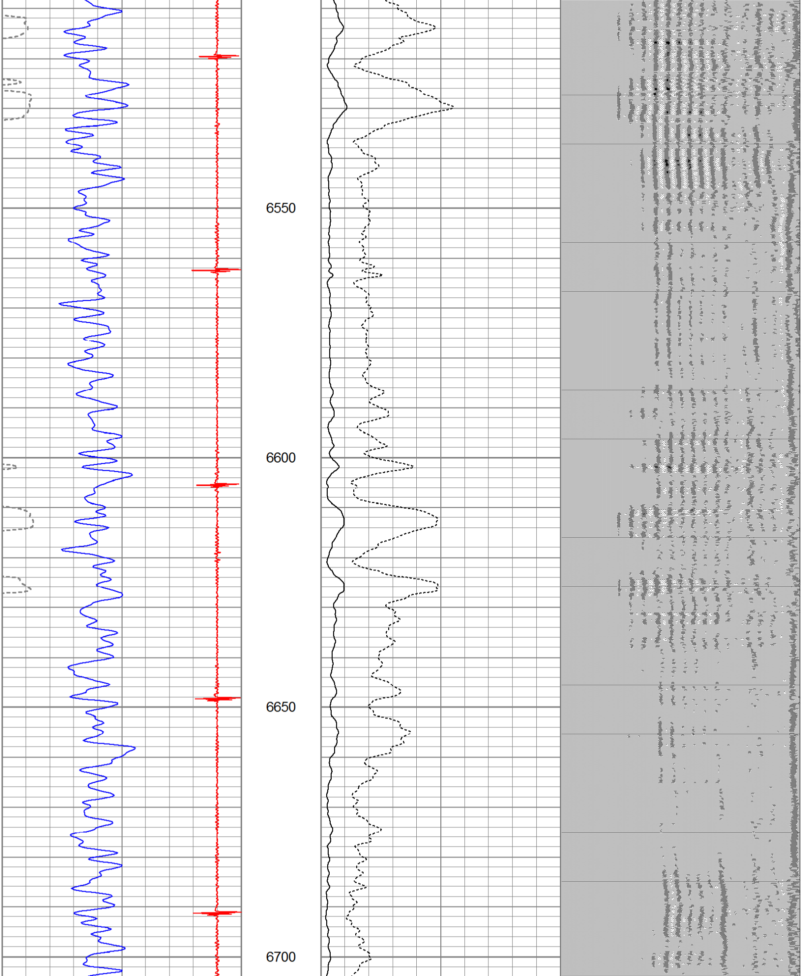


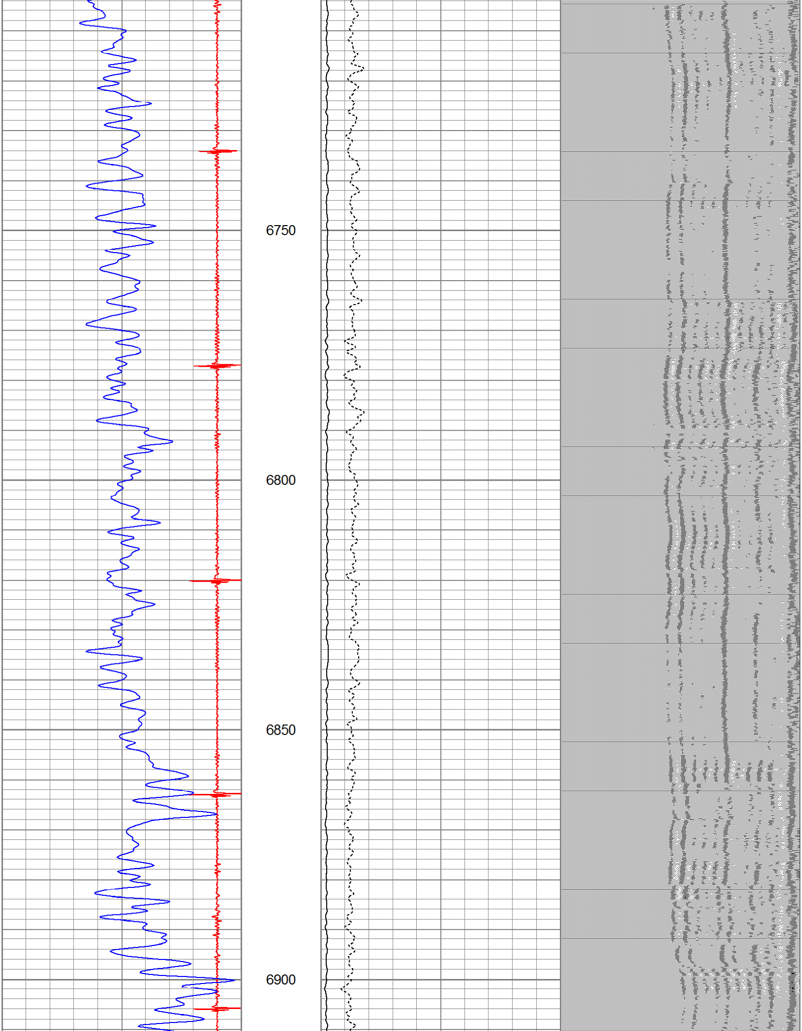


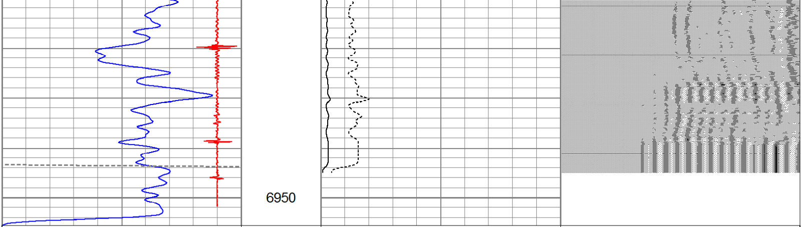












50 CCL -5.5
0 Gamma Ray (GAPI) 200
340 TT3 (usec) 240

0 Amplified Amplitude (mV) 20
0 Amplitude (mV) 100

200 Variable Density 1200

C&J ENERGY SERVICES

LOG PASS RAN UNDER O PSI

JUNE 18, 2018

Database File: cbl anadarko megan state h21-28d.db
Dataset Pathname: pass3
Presentation Format: sec 3-5
Dataset Creation: Mon Jun 18 10:03:43 2018 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

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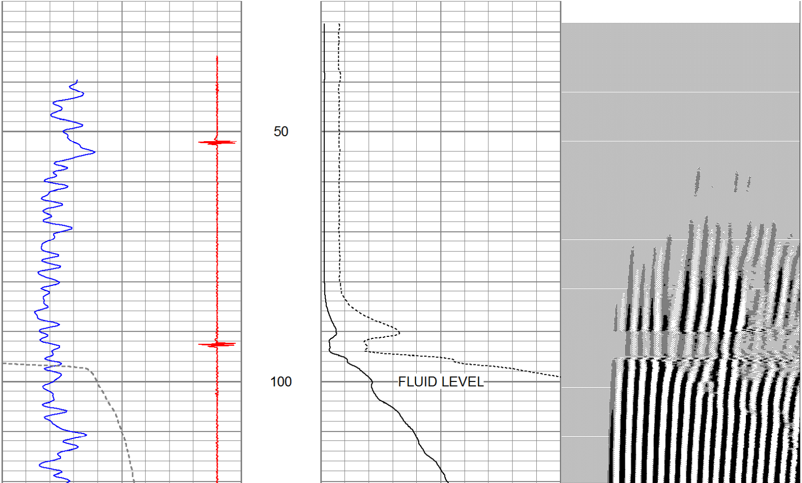
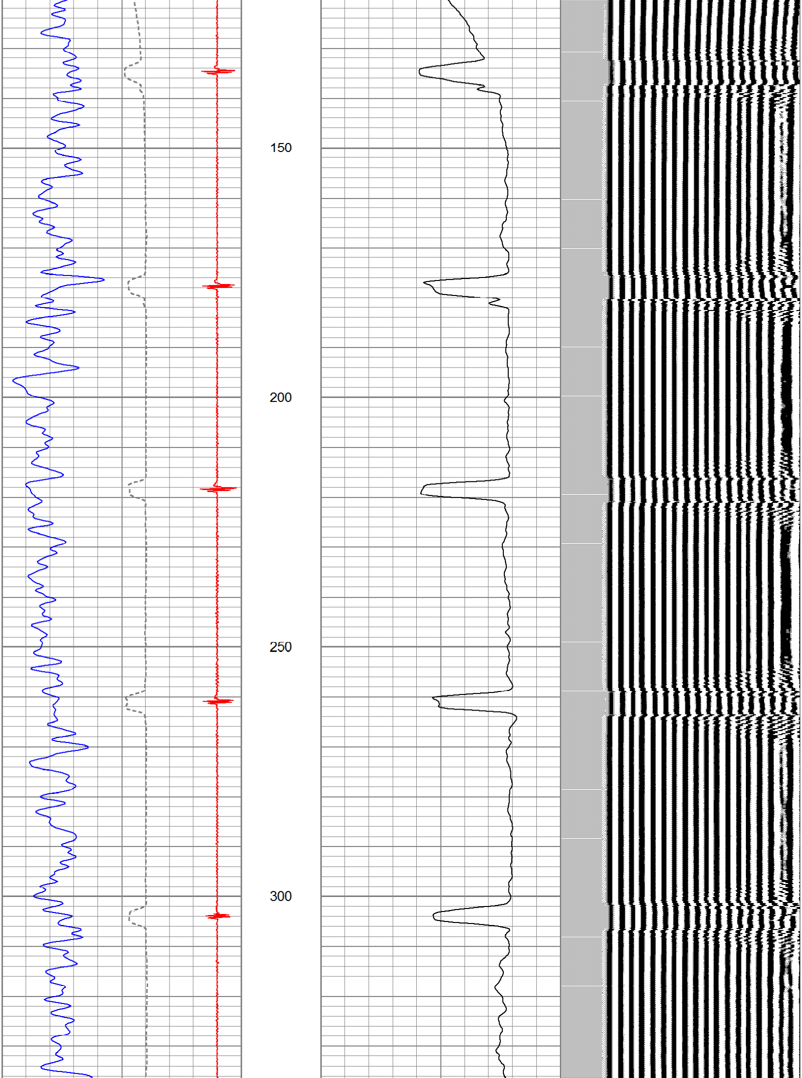
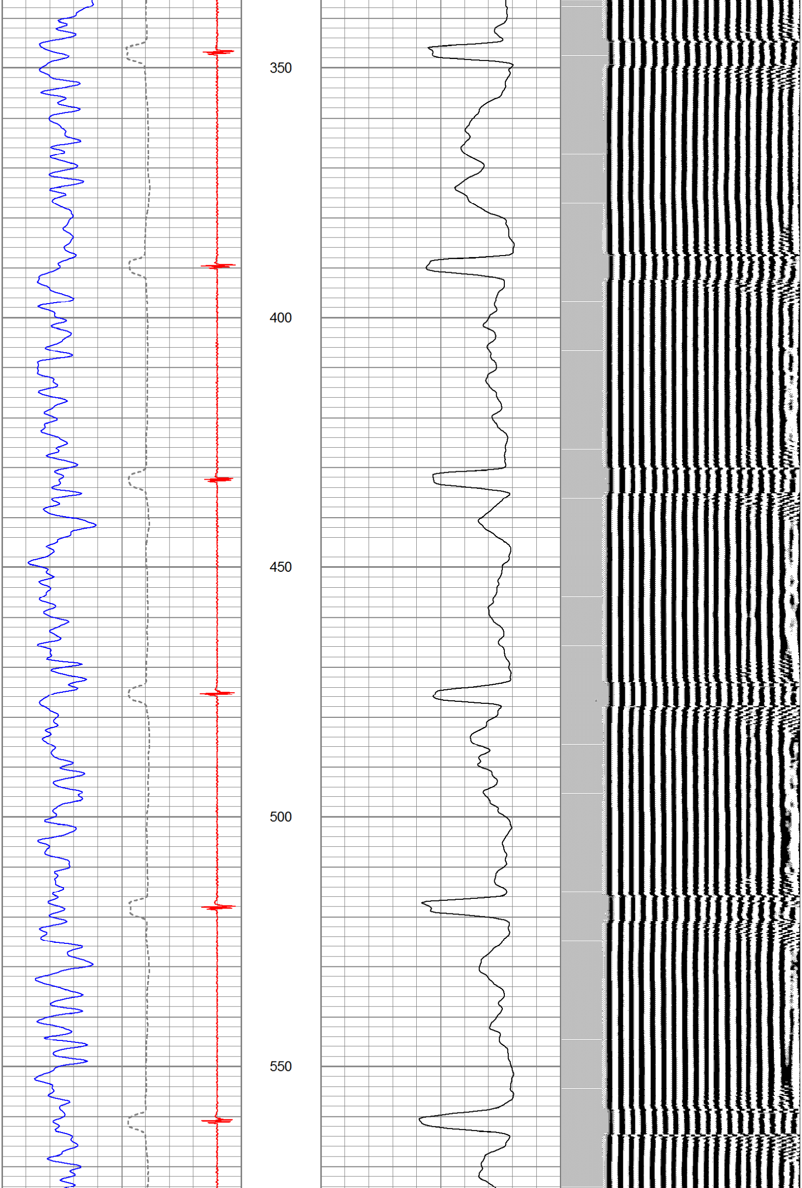
0 Gamma Ray (GAPI) 200
340 TT3 (usec) 240

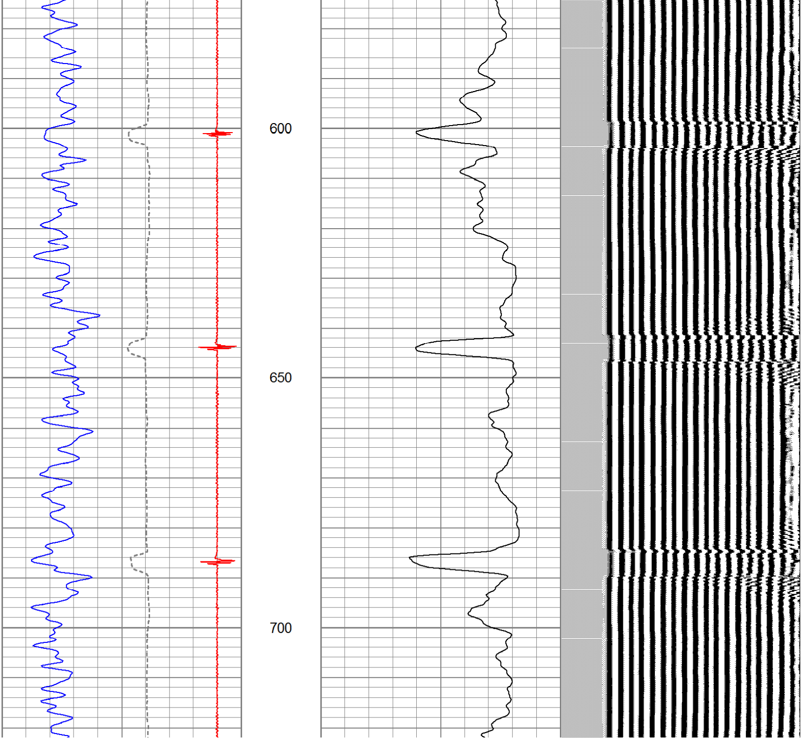
0 Amplified Amplitude (mV) 20
0 Amplitude (mV) 100

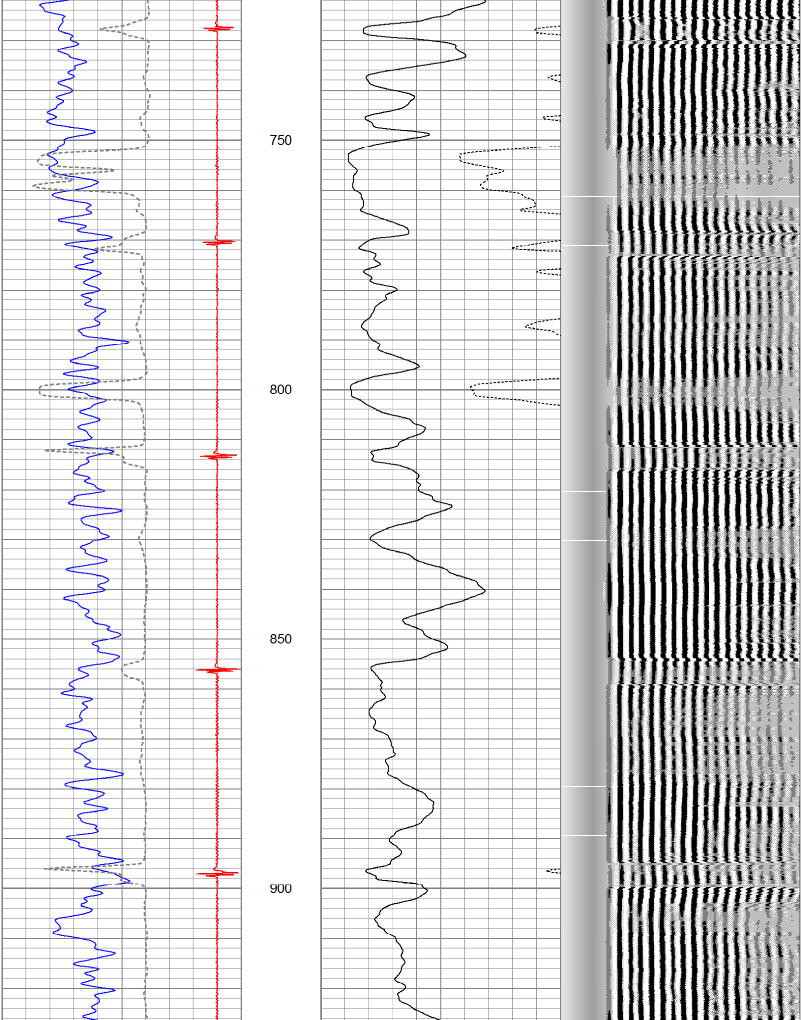
200 Variable Density 1200







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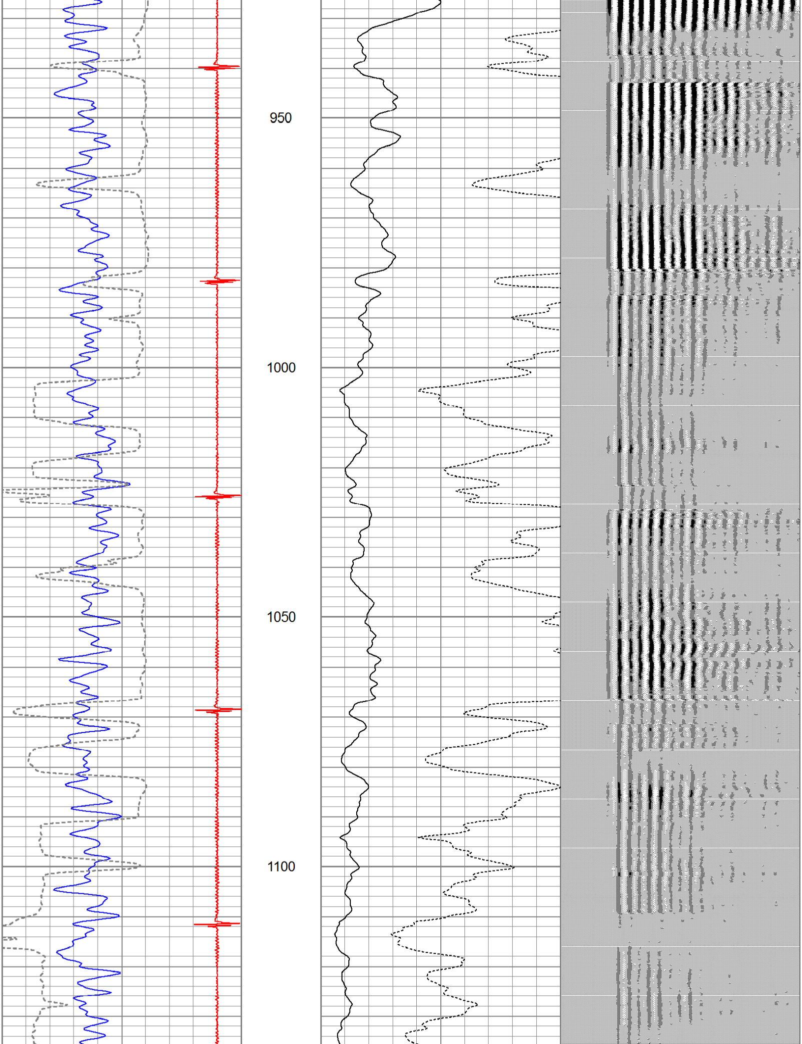
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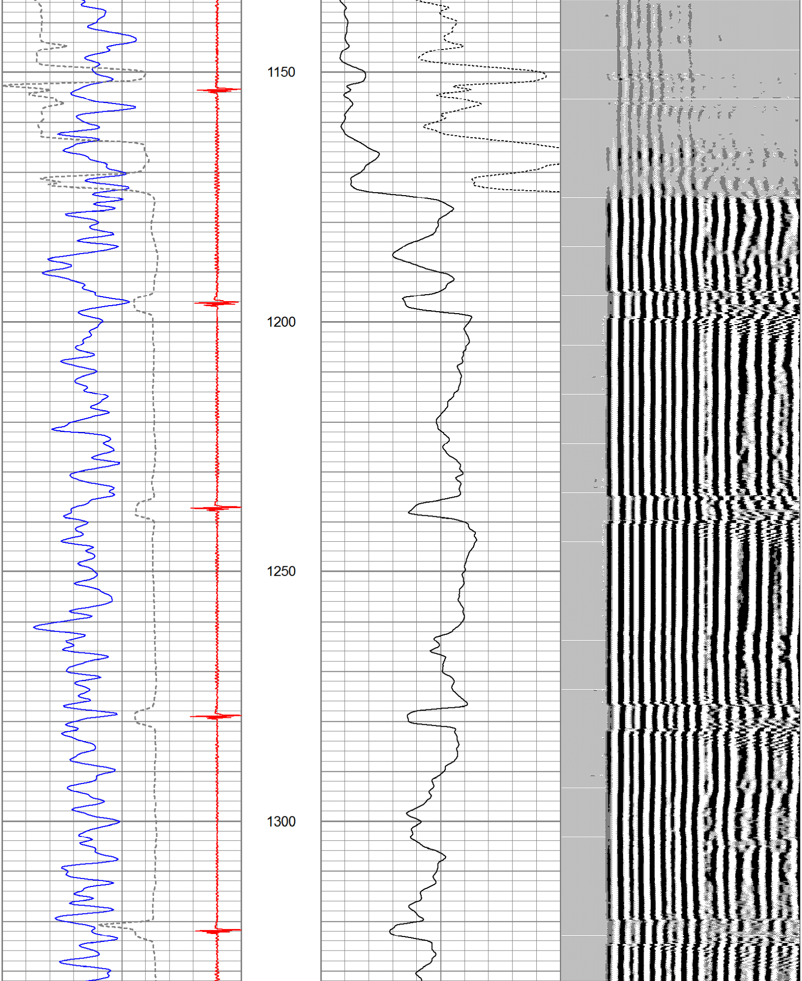
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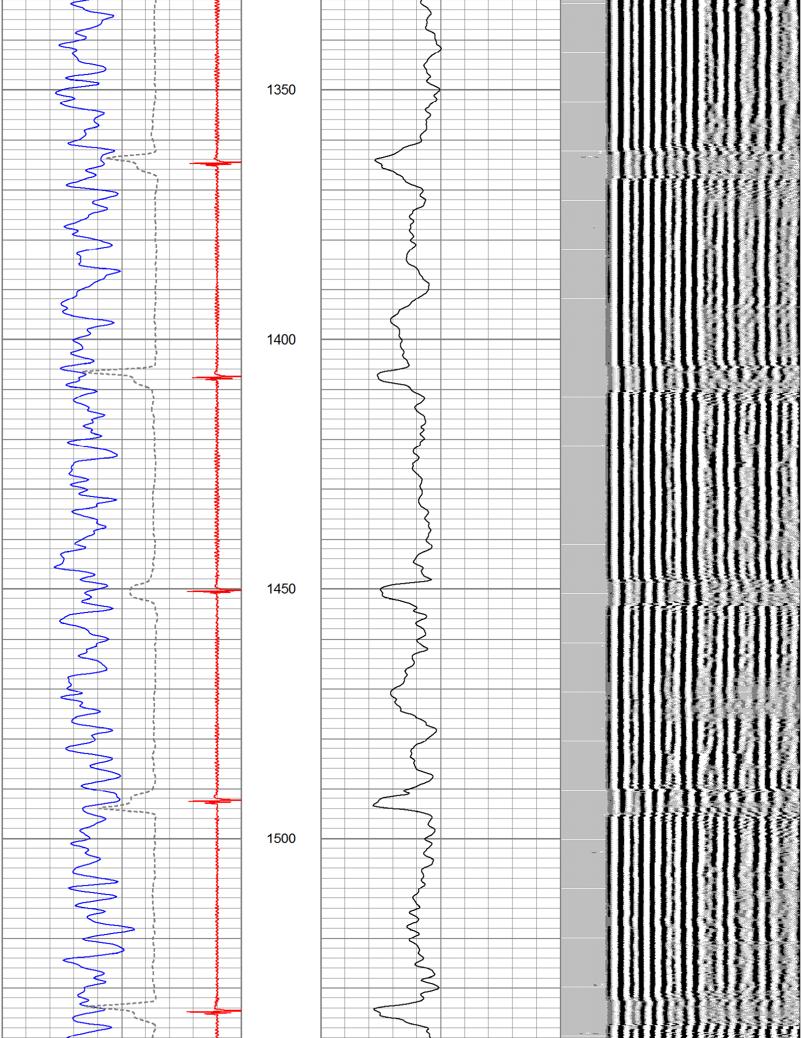
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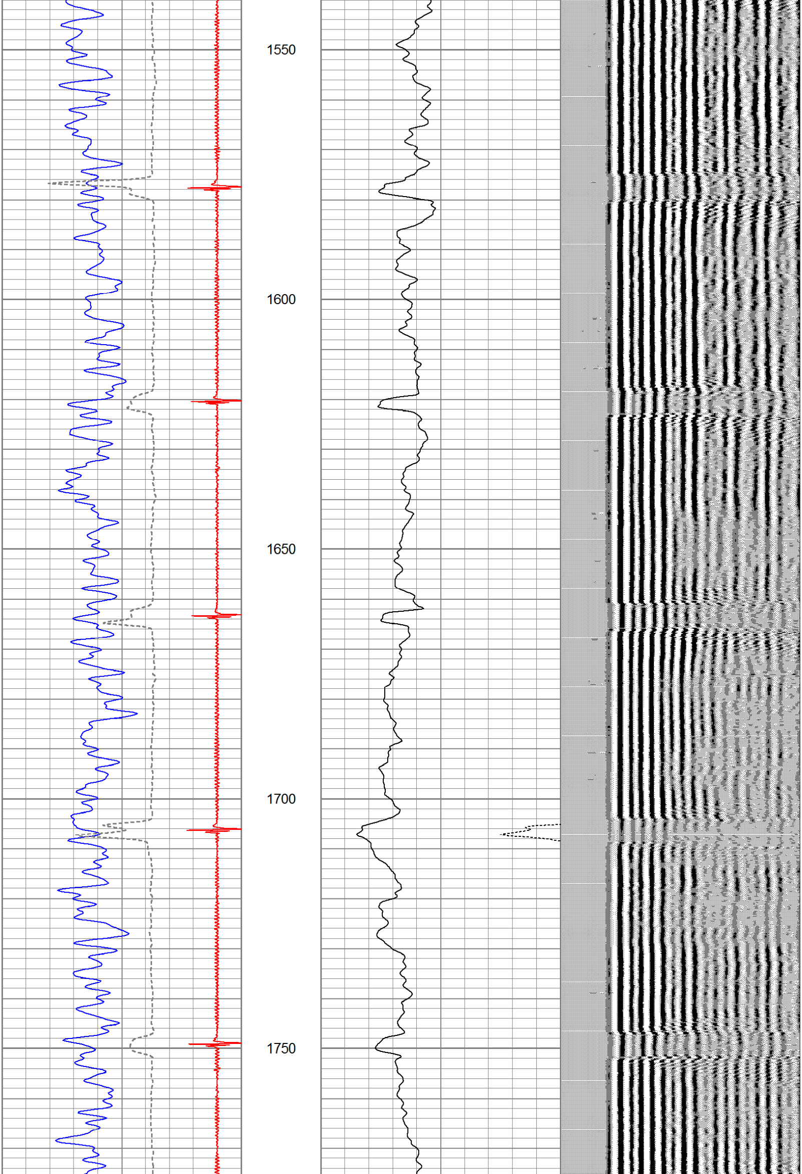
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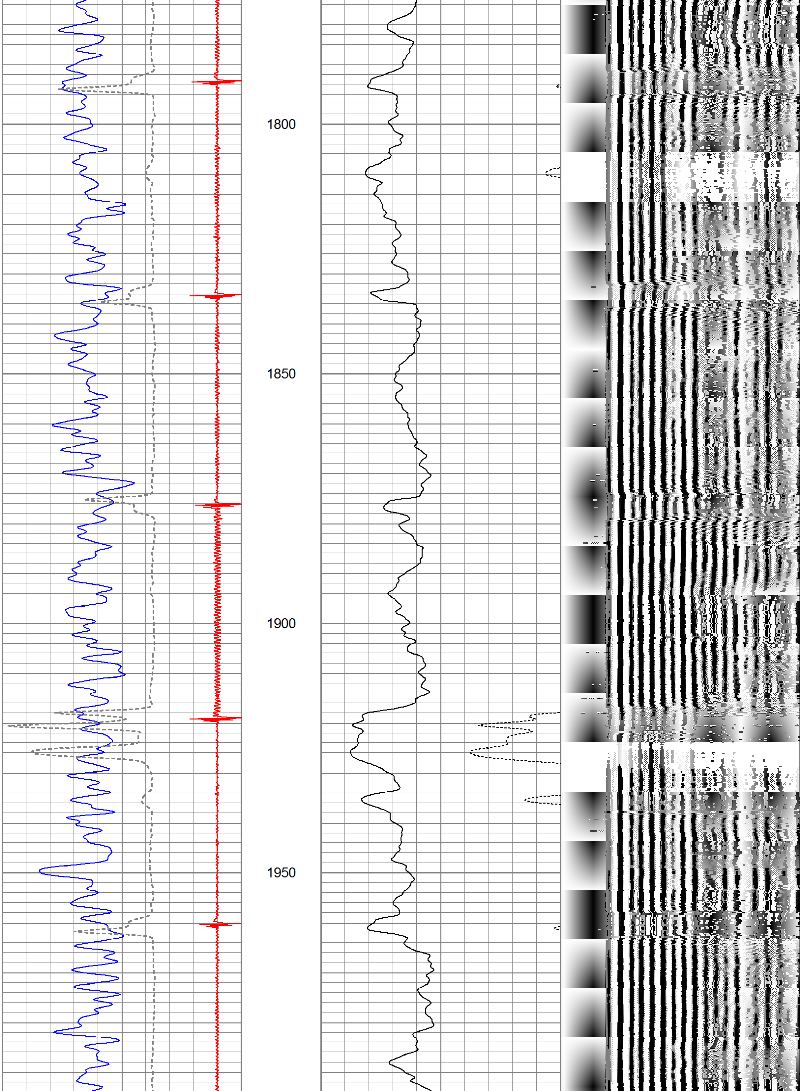
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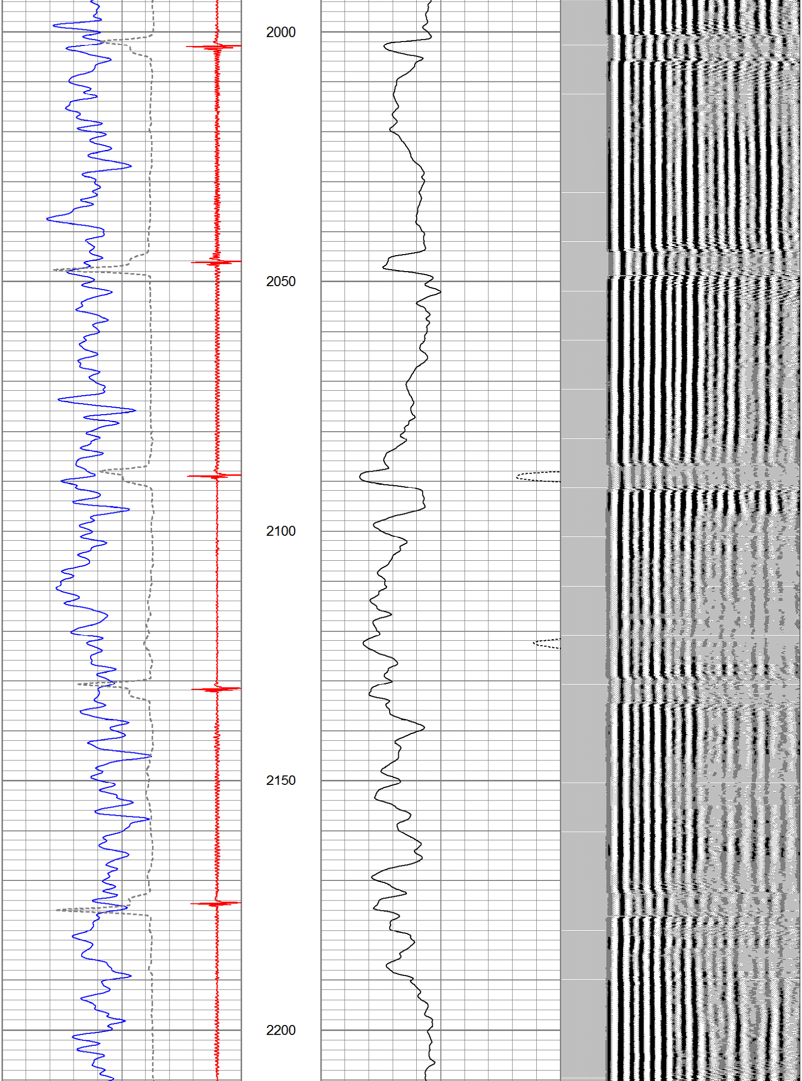
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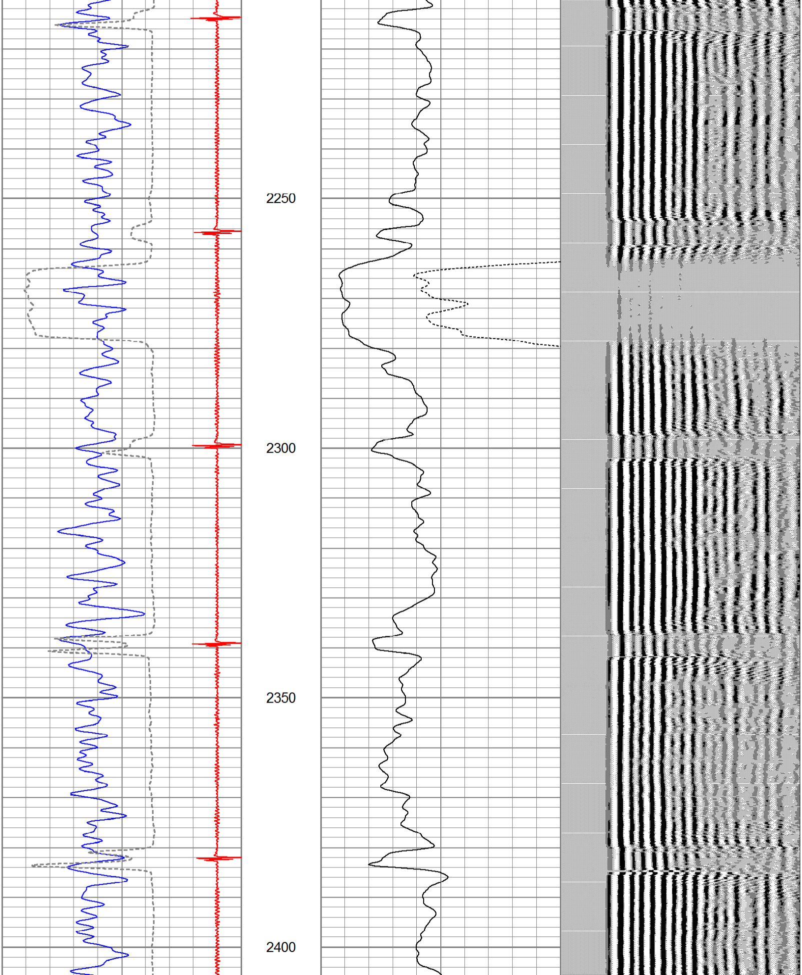
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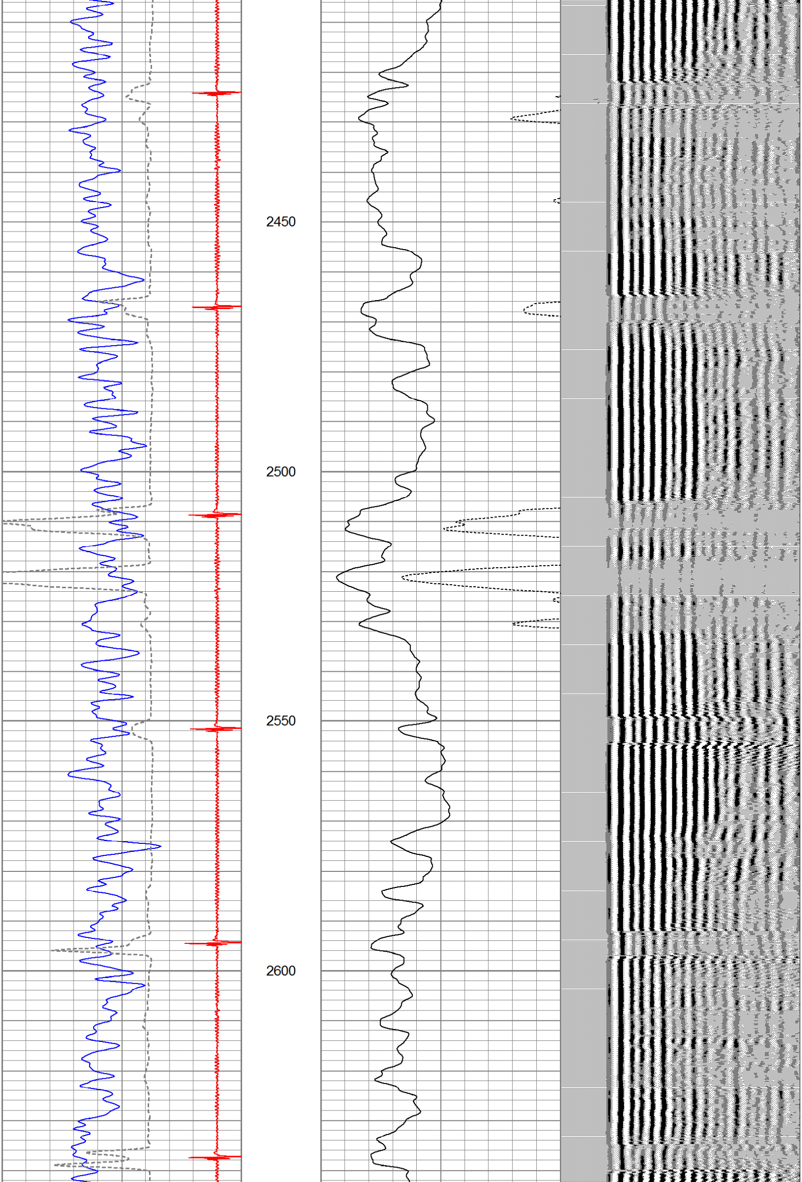
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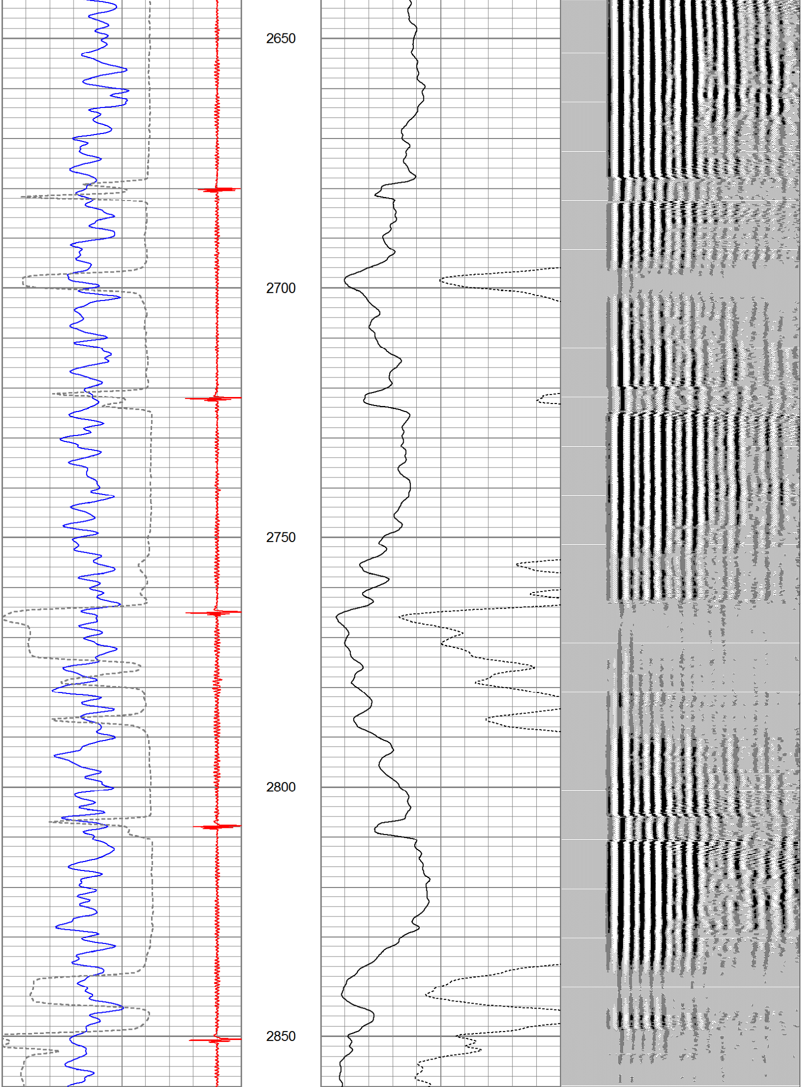
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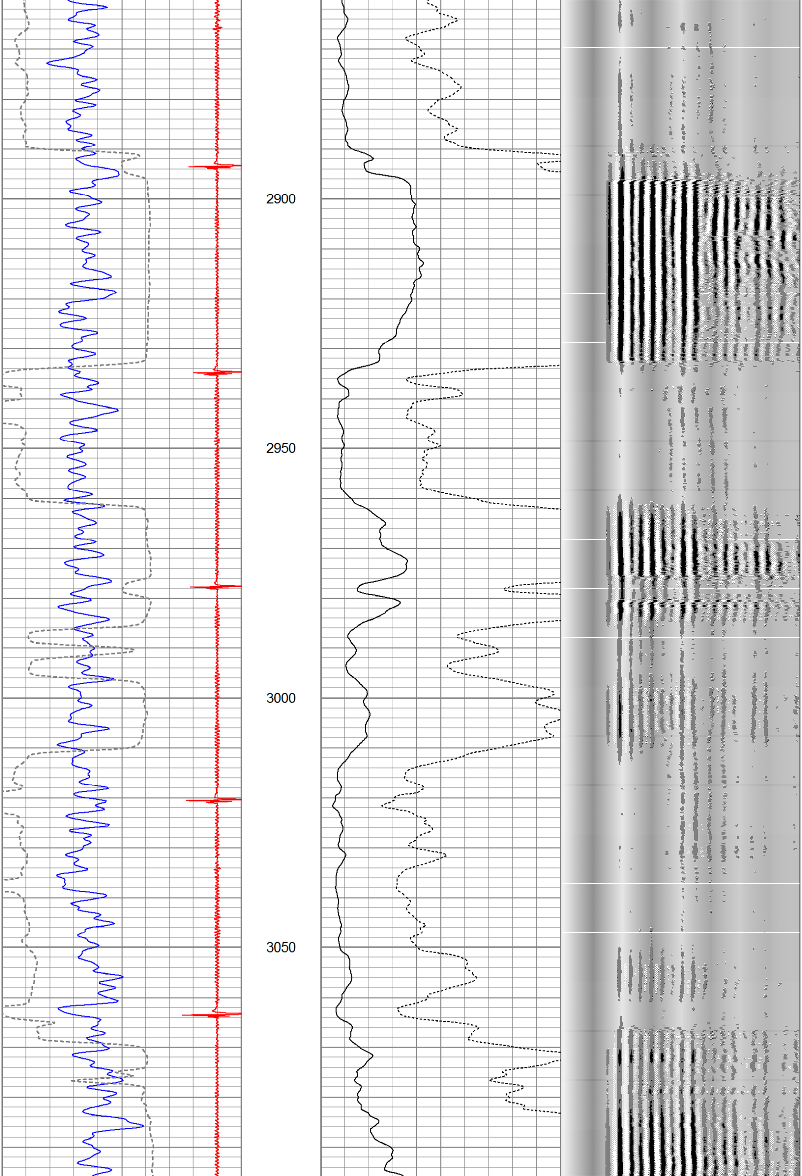
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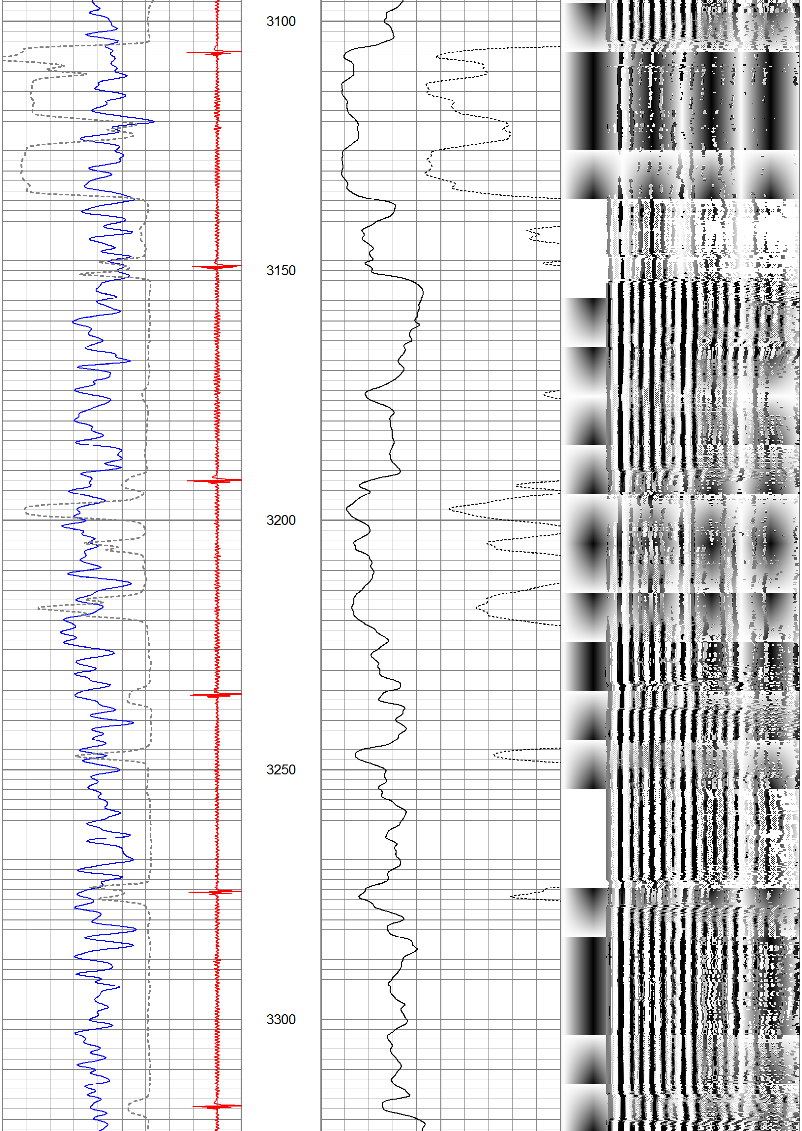
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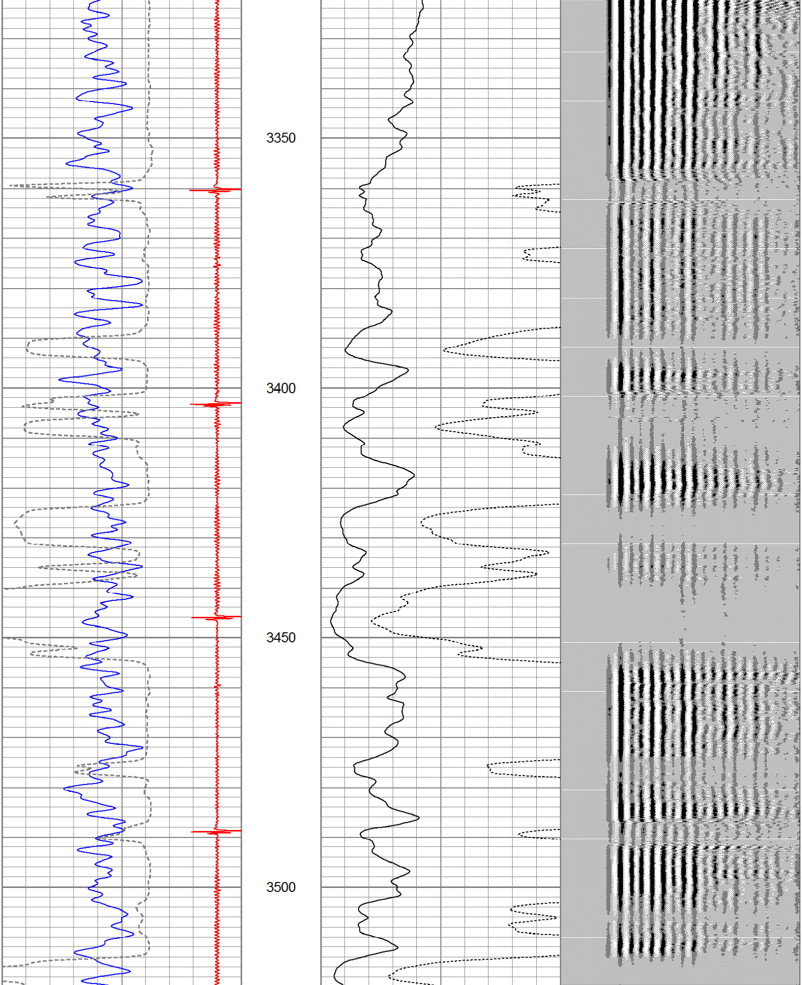
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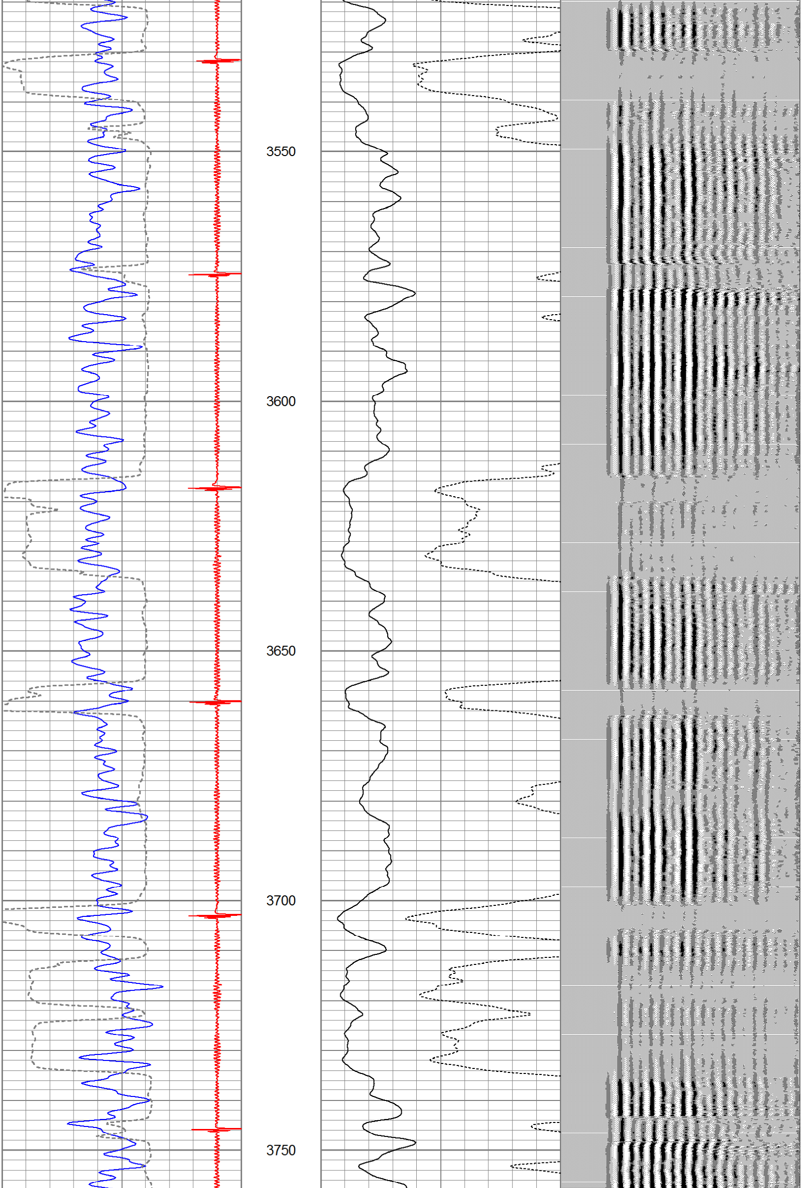
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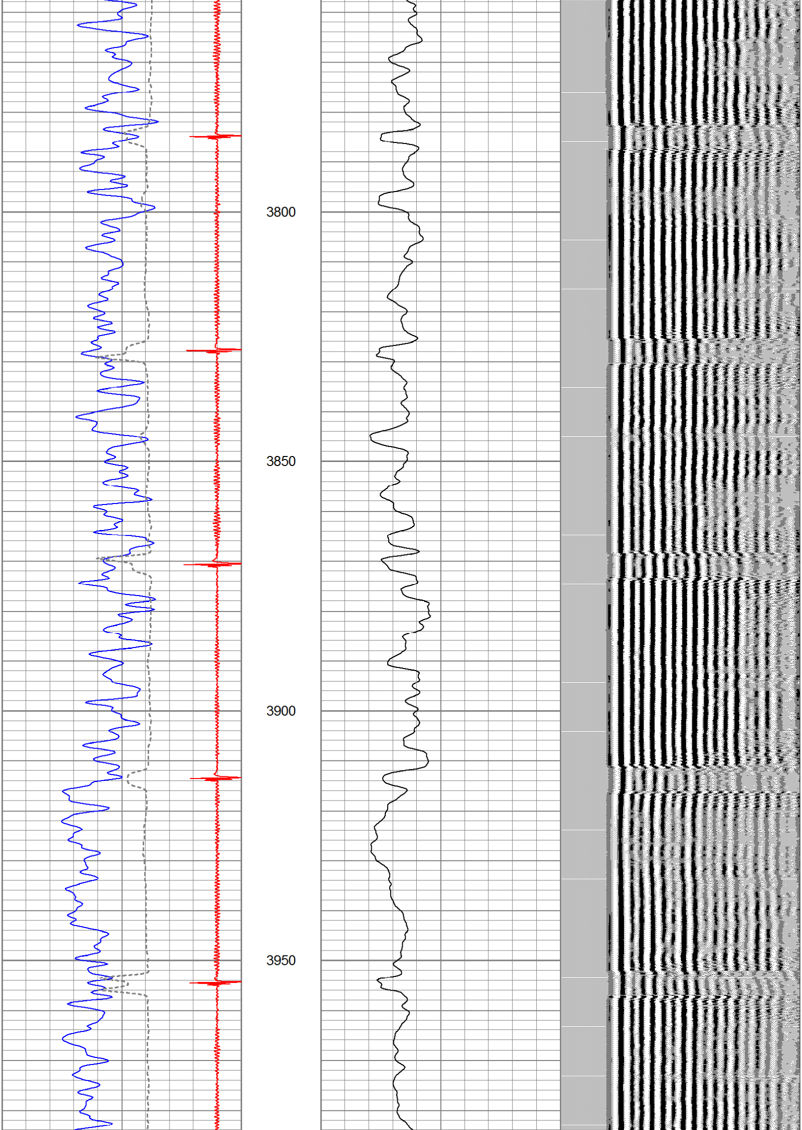
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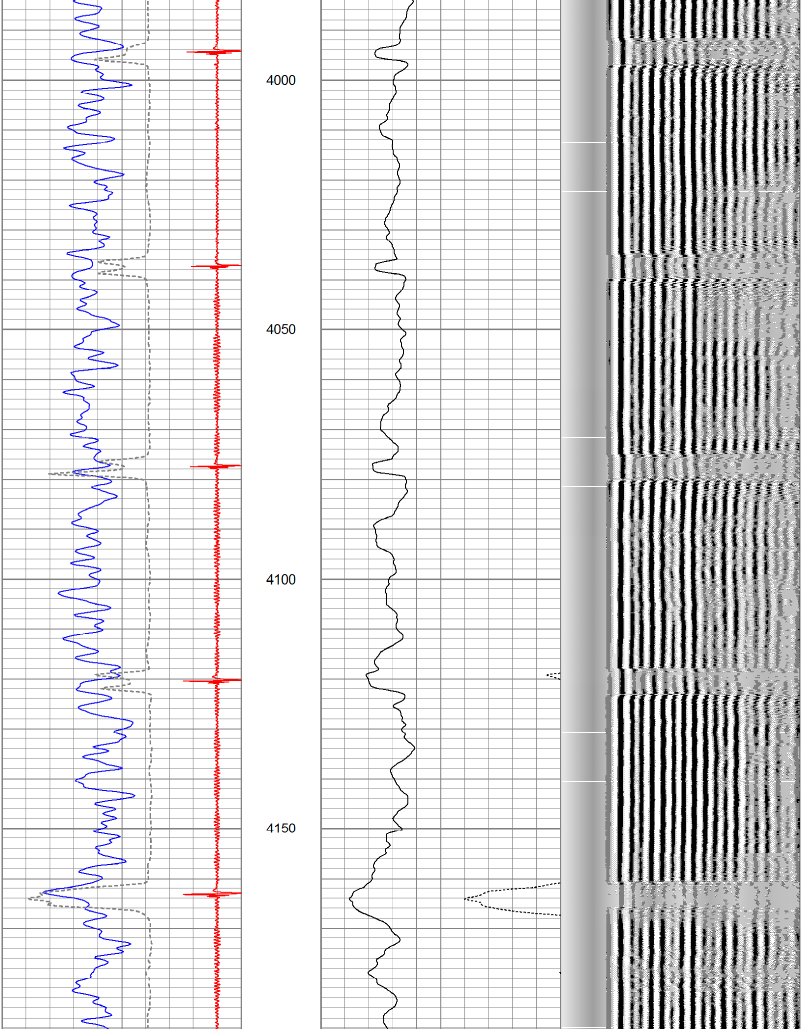
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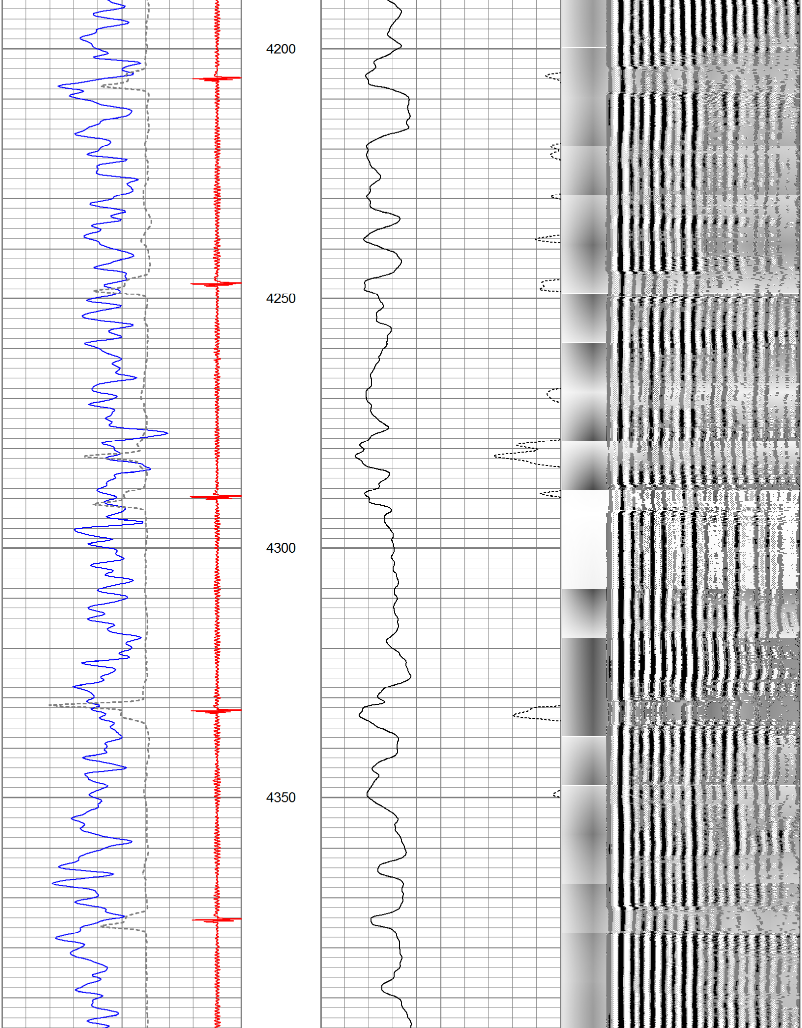
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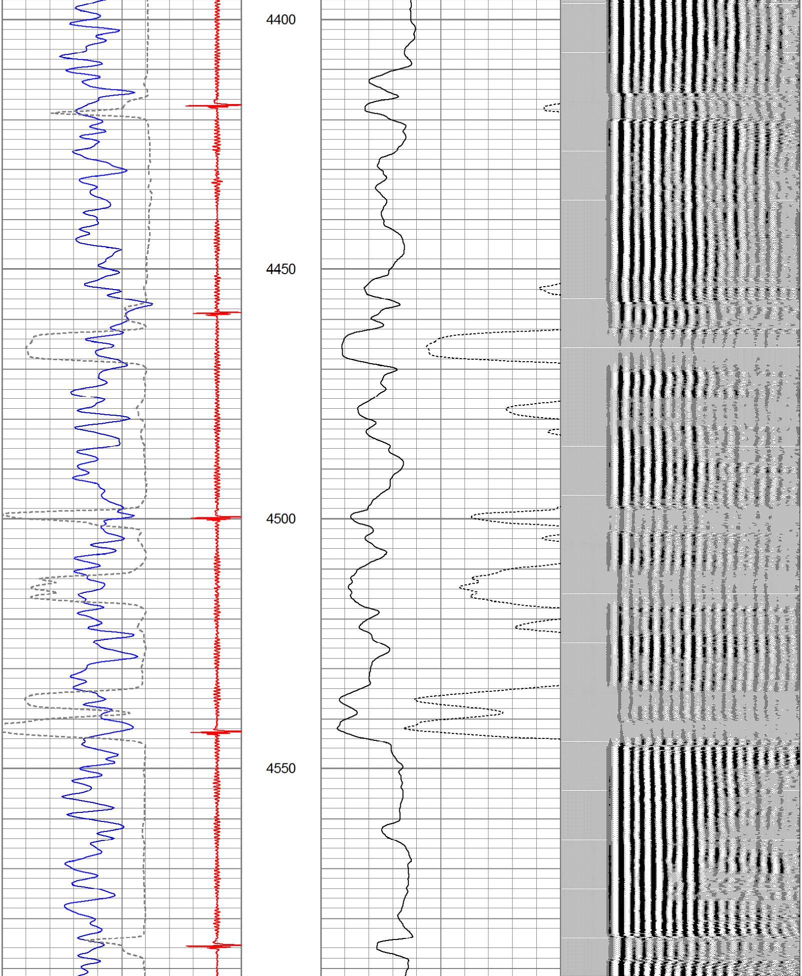
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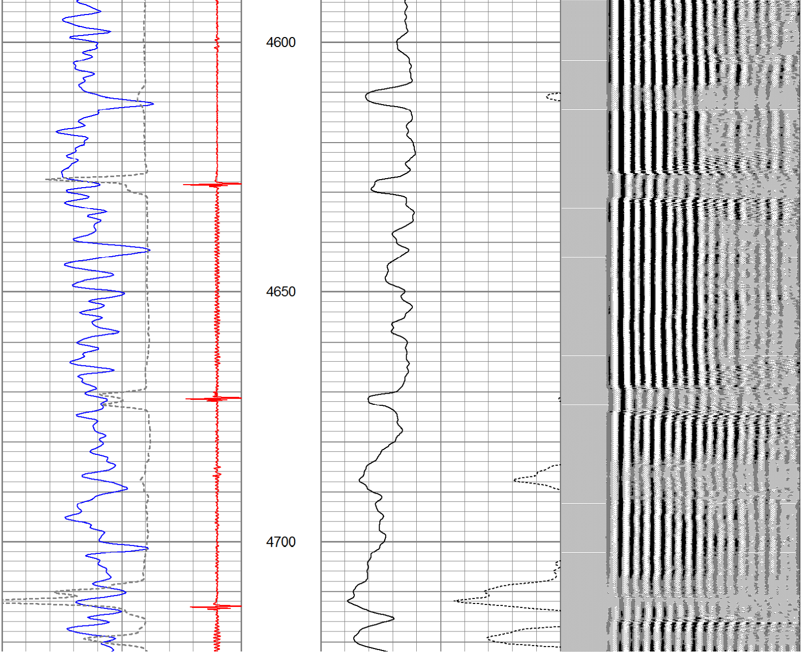
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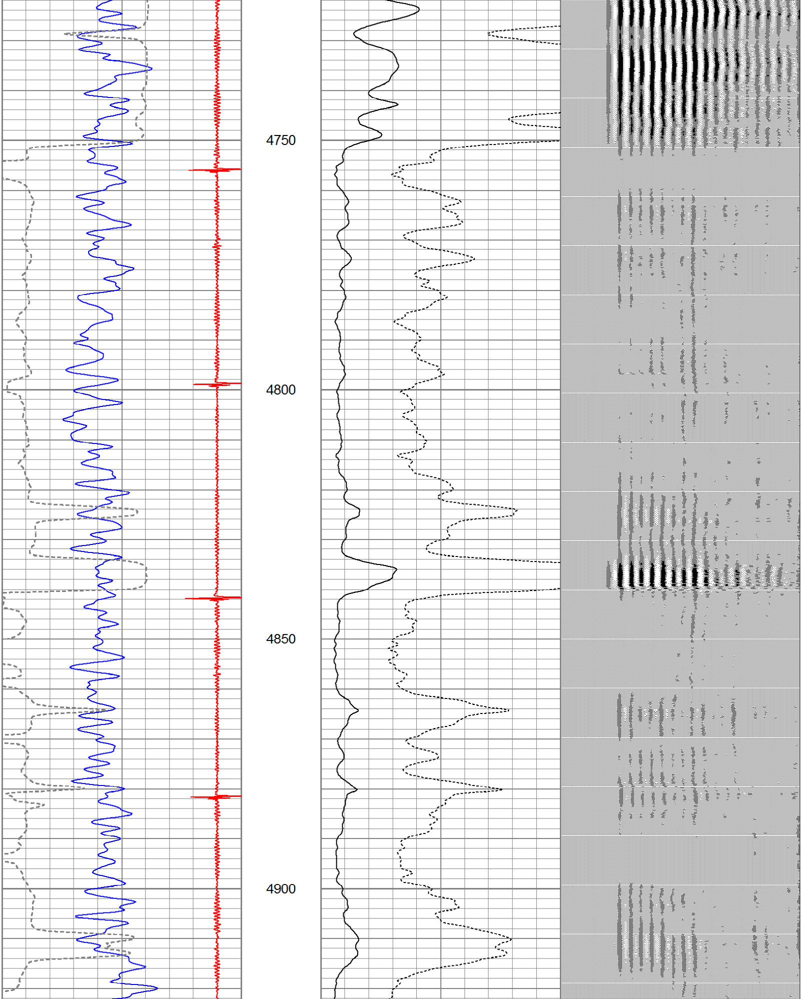

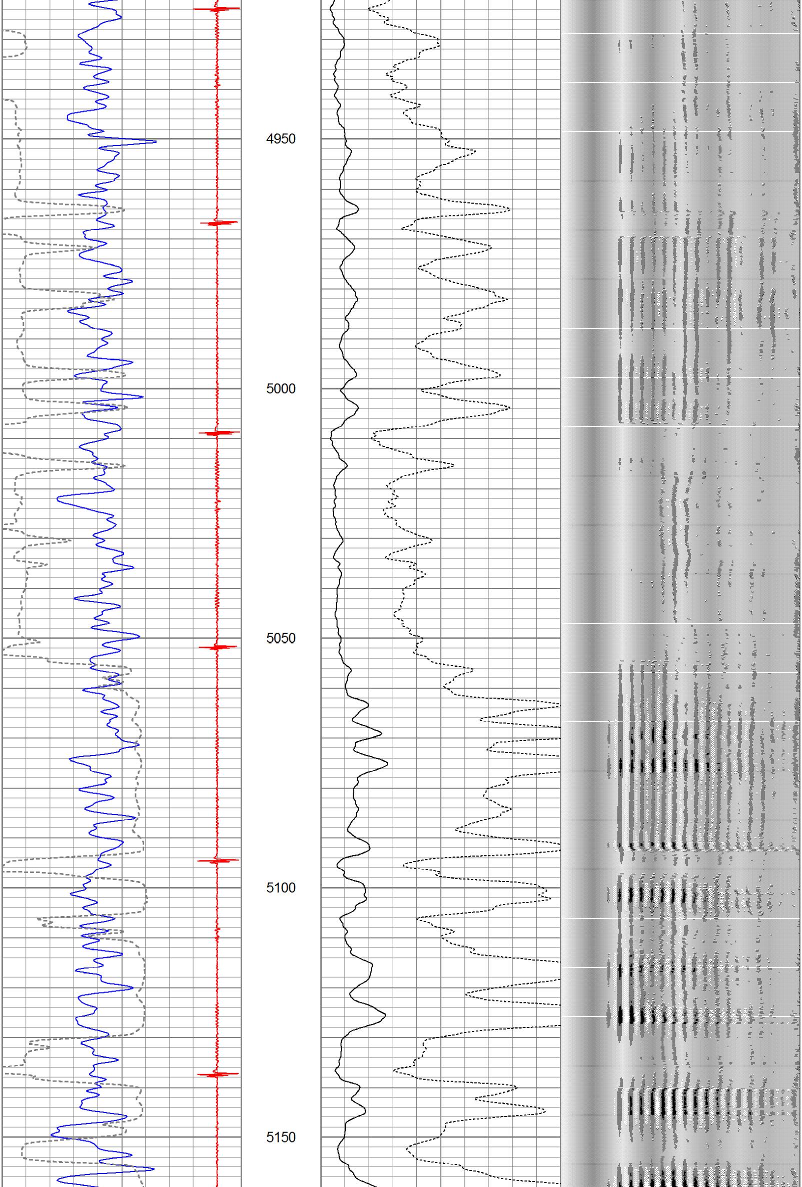

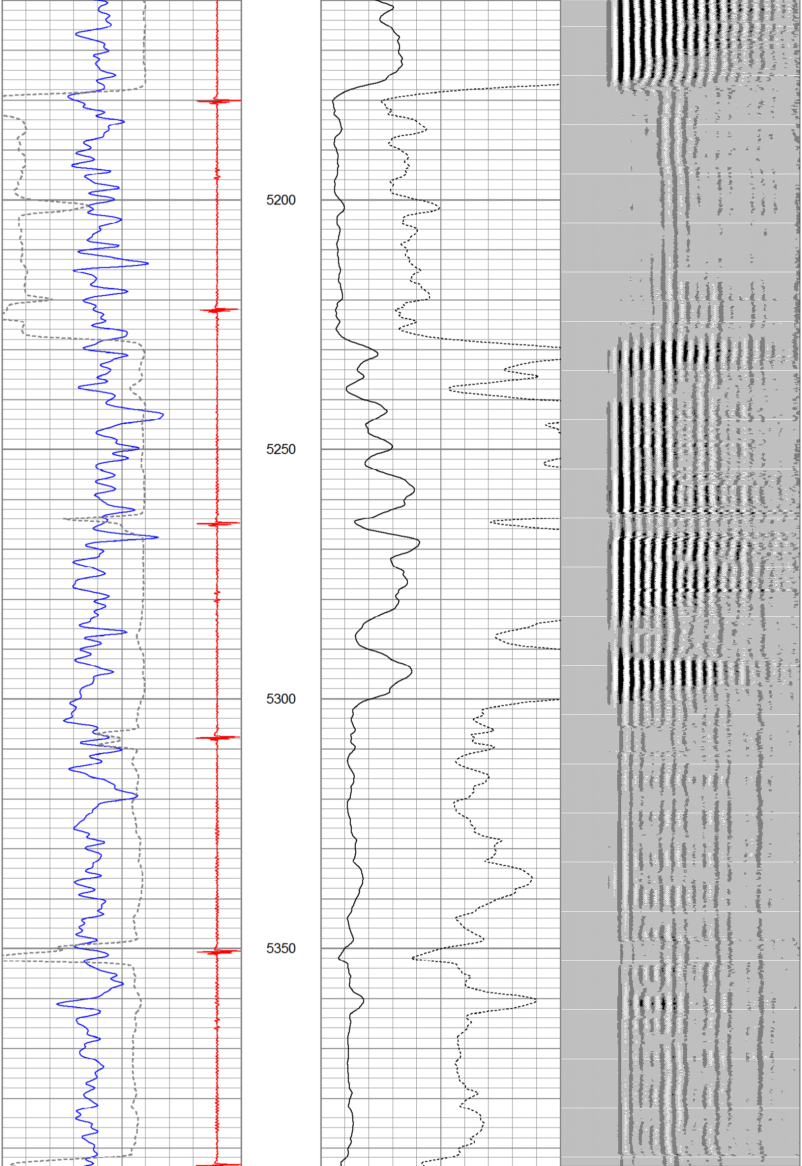

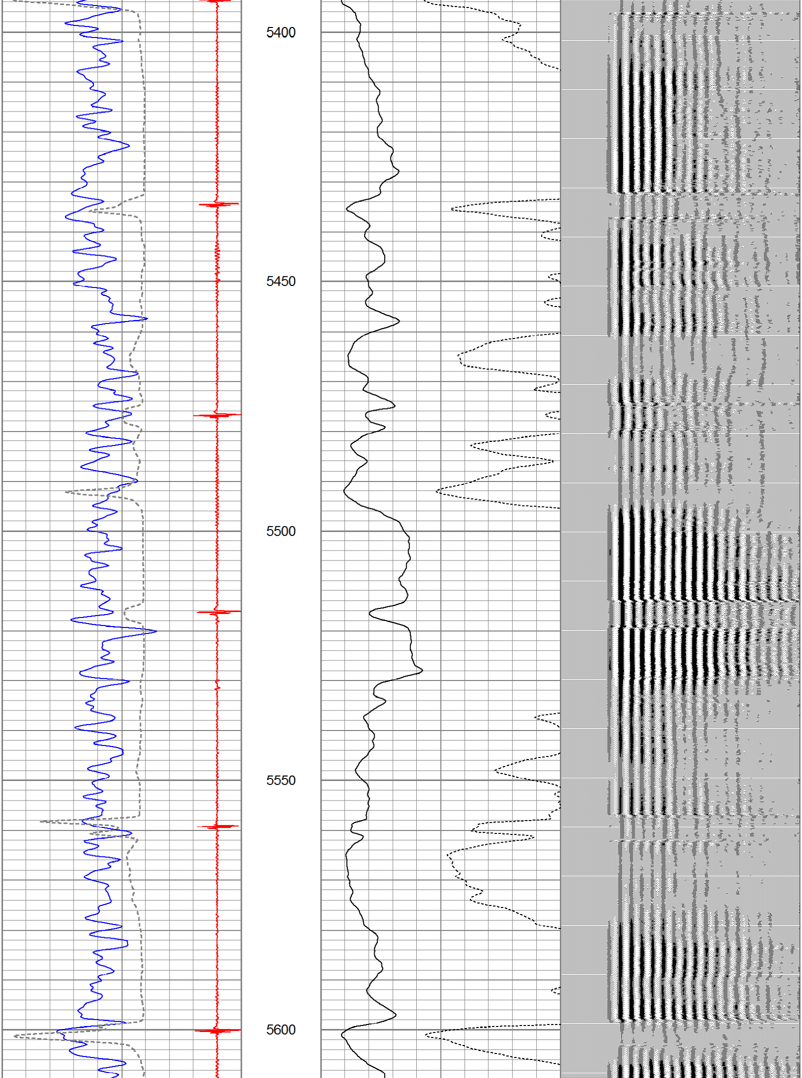

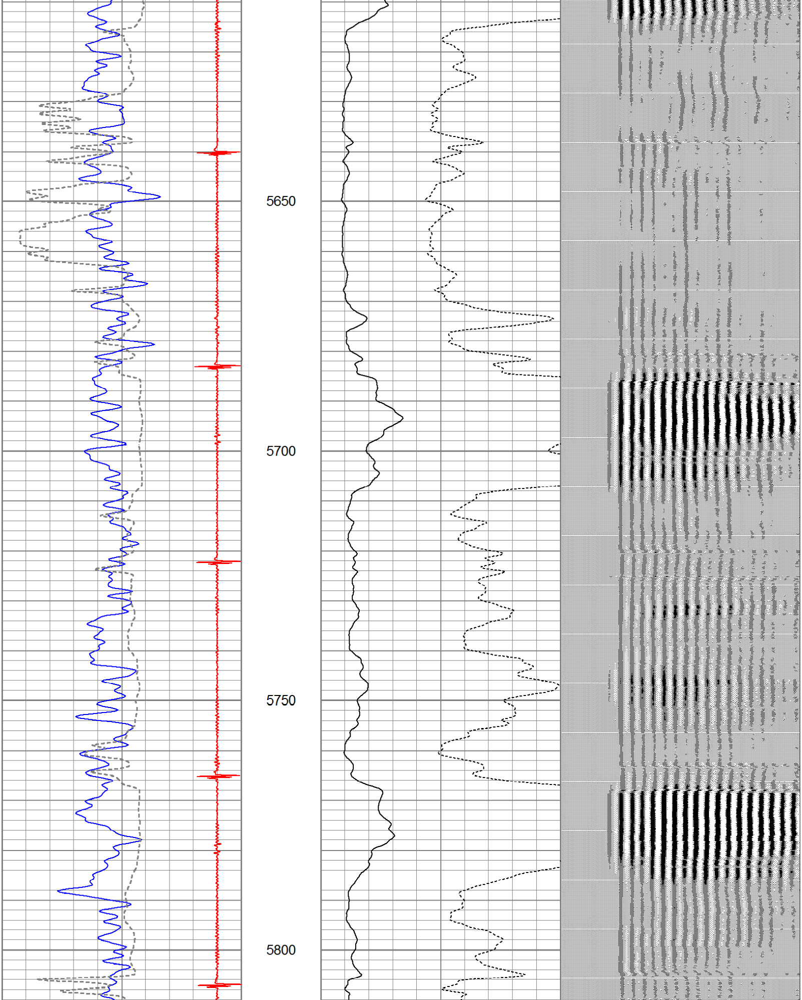

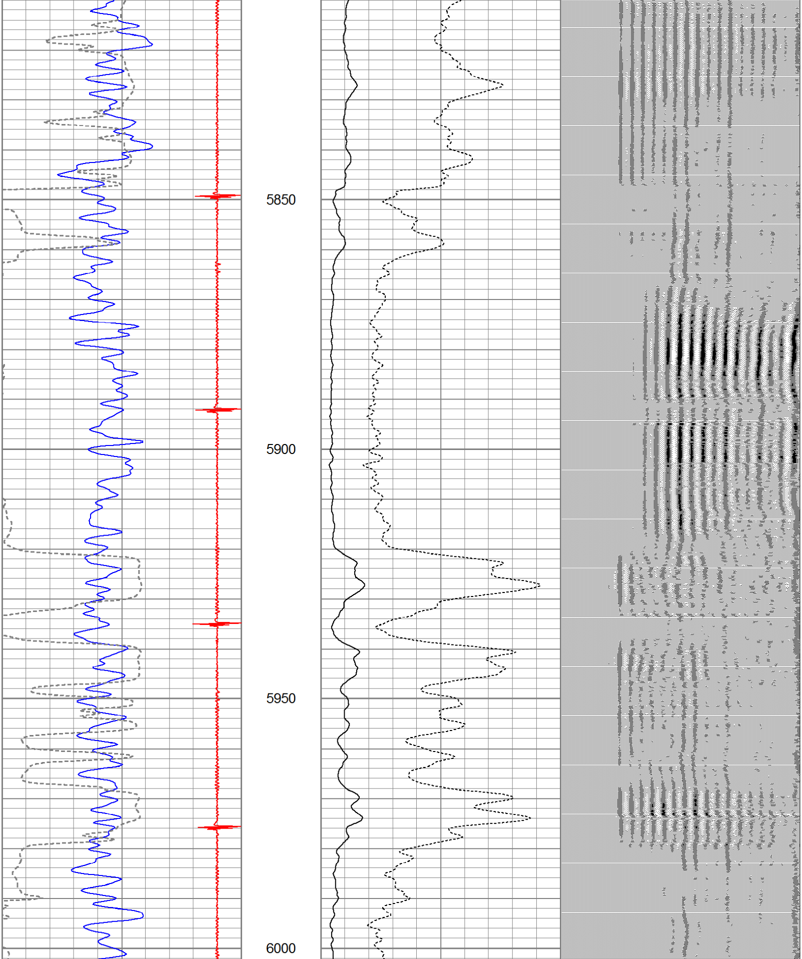

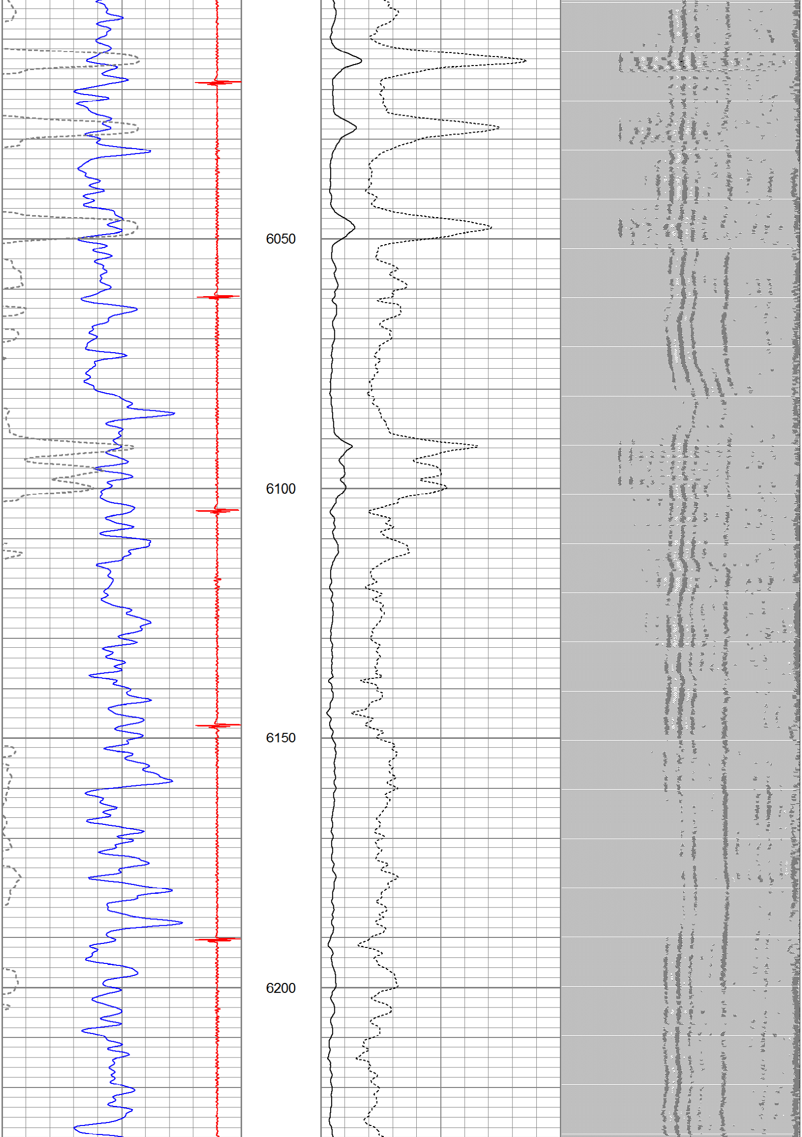

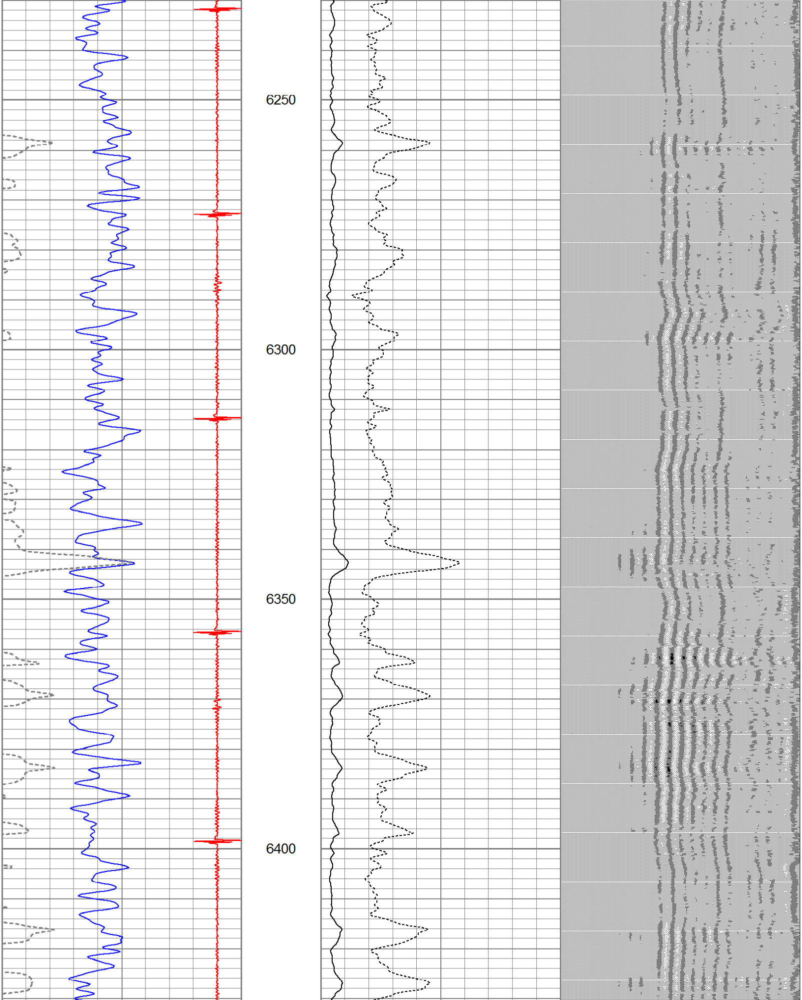

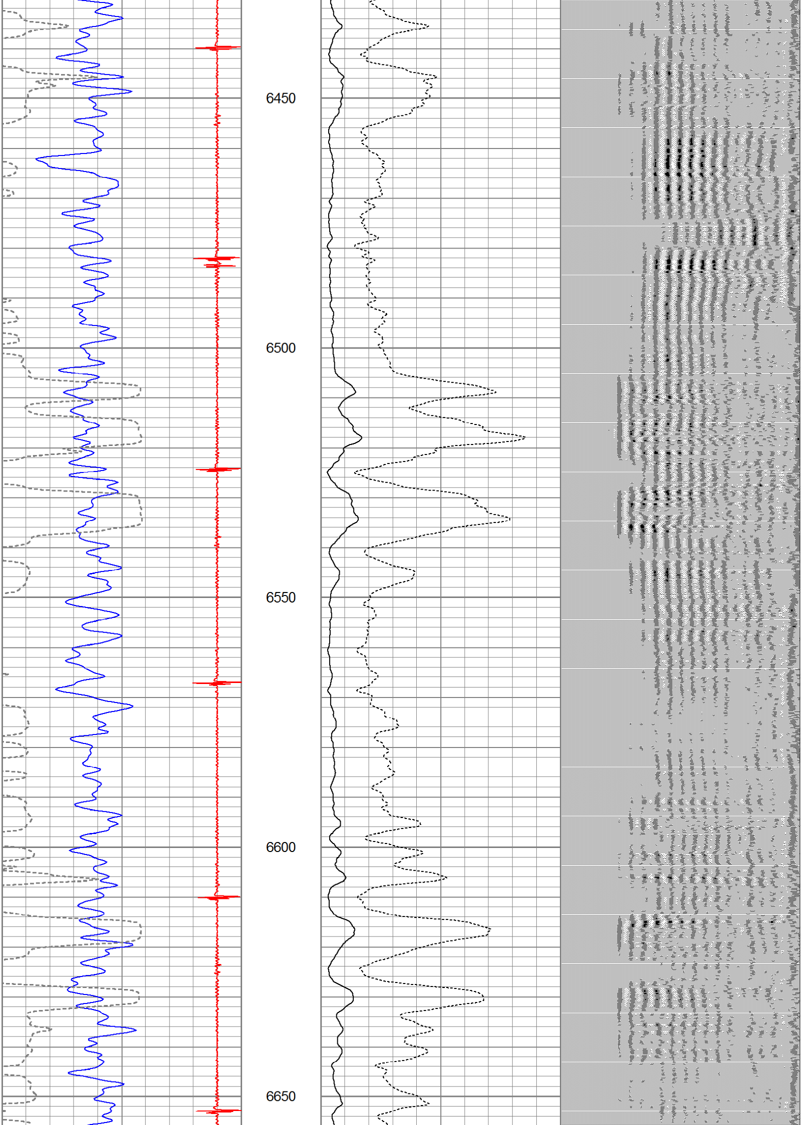

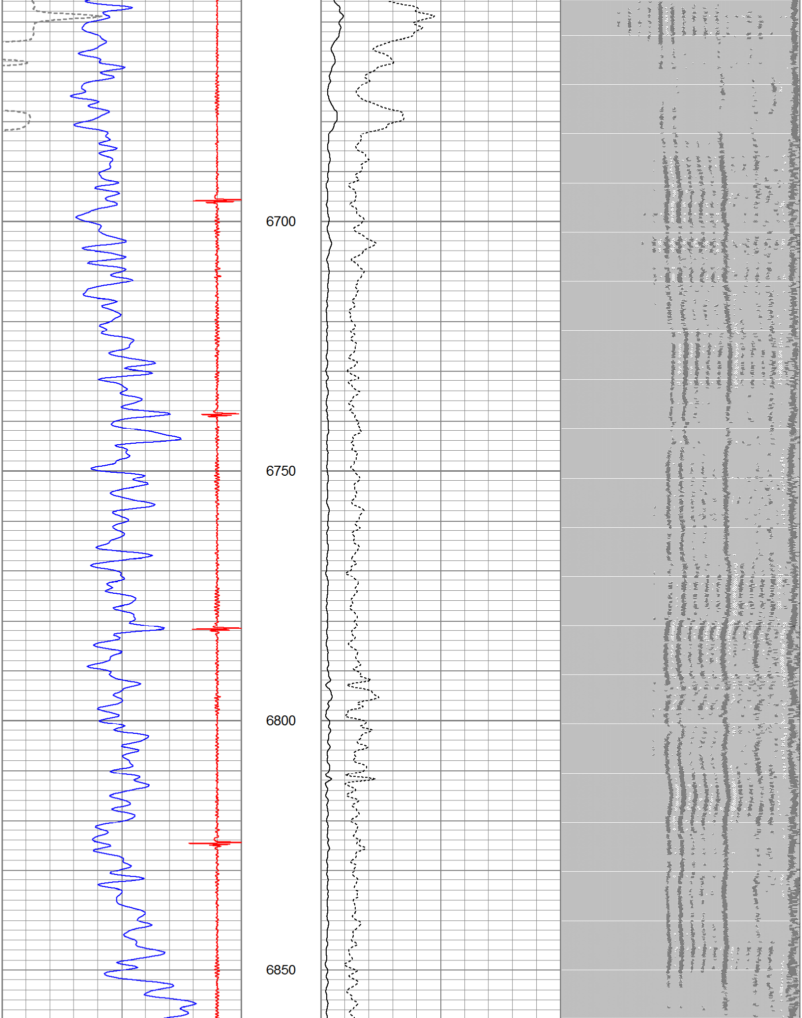

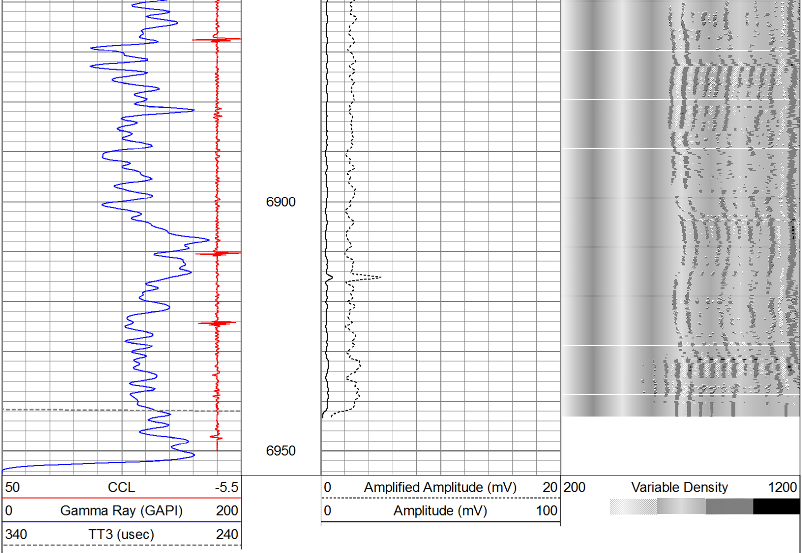

Calibration Report

Database File: cbl anadarko megan state h21-28d.db
Dataset Pathname: pass4
Dataset Creation: Mon Jun 18 11:02:16 2018 by Log 7.0 B1

Gamma Ray Calibration Report

Type / Serial: Probe275dig / 110785

SHOP CALIBRATION

Tue Mar 27 07:56:41 2018

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0				cps
		0.6500			GAPI/cps

PRIMARY VERIFICATION

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

BEFORE SURVEY VERIFICATION

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

AFTER SURVEY VERIFICATION

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

Segmented Cement Bond Log Calibration Report

Serial Number: 101020
Tool Model: Probe

Calibration Casing Diameter: 4.500 in
Calibration Depth: 400.050 ft

Master Calibration, performed Mon Jun 18 09:49:13 2018:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.007	1.036	1.500	81.196	77.464	0.920
CAL	0.007	0.312				
5'	0.007	1.028	1.500	81.196	78.055	0.943
SUM						
S1	0.007	1.071	0.000	81.196	76.360	-0.551
S2	0.007	1.059	0.000	81.196	77.231	-0.568
S3	0.006	1.013	0.000	81.196	80.641	-0.512
S4	0.007	0.999	0.000	81.196	81.845	-0.582
S5	0.007	0.999	0.000	81.196	81.868	-0.606
S6	0.007	1.015	0.000	81.196	80.562	-0.594
S7	0.007	1.045	0.000	81.196	78.217	-0.580
S8	0.007	1.032	0.000	81.196	79.236	-0.584

Internal Reference Calibration, performed Fri Jan 13 14:30:16 2012:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.007	0.312	1.000	0.000

Air Zero Calibration, performed Thu Jun 14 10:16:22 2018:

	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