KLX Energy Services

GAMMA RAY CCL
CEMENT BOND VDL

Company Great Western Oil & Gas
Well UPRR 60 PAN AM F2
Field WATTENBERG
County ADAMS
State COLO Country USA

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Well UPRR 60 PAN AM F2
Field WATTENBERG
County ADAMS
State COLO **Country** USA

Location: API # : 05-001-07936

SENW

SEC 11 TWP 1S RGE 64W

Other Services

Permanent Datum	GL	Elevation
Log Measured From	KB 11'	
Drilling Measured From	KB	

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

Date	19-DEC-2018		
Run Number	1		
Depth Driller	7800		
Depth Logger	7401		
Bottom Logged Interval	7400		
Top Log Interval	SURFACE		
Open Hole Size	N/A		
Type Fluid	WATER		
Density / Viscosity	8.34 PPG		
Max. Recorded Temp.	N/A		
Estimated Cement Top	SEE LOG		
Time Well Ready	ROA		
Time Logger on Bottom	AM		
Equipment Number	61		
Location	STERLING		
Recorded By	L. UNREIN		
Witnessed By	T. COLLINS		

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	5.5	15.5		
Liner				

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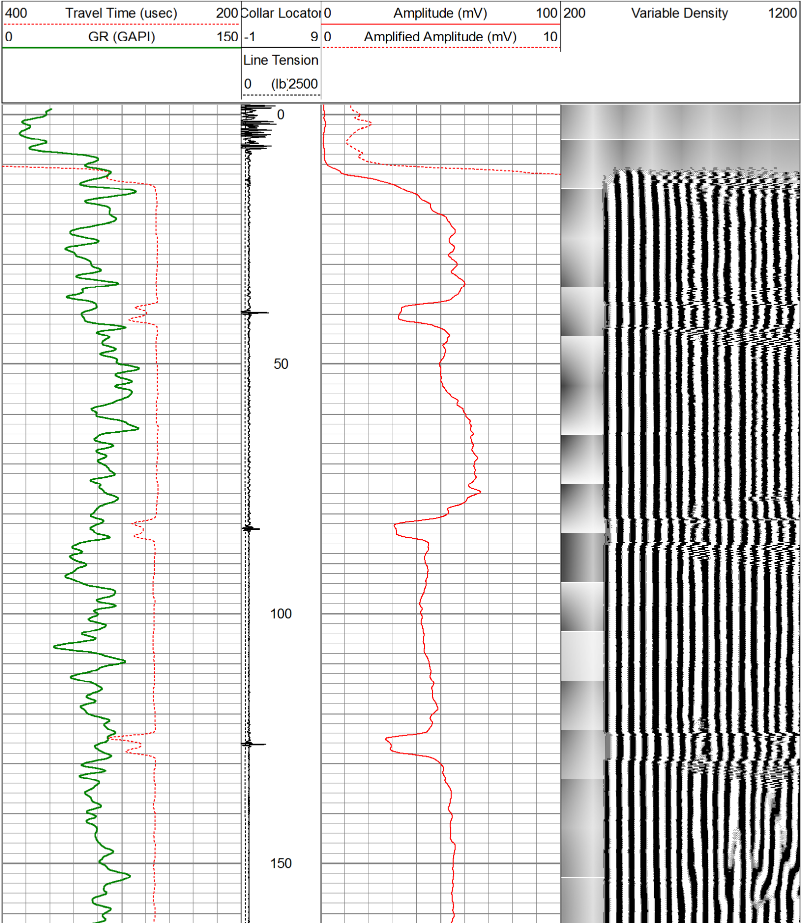
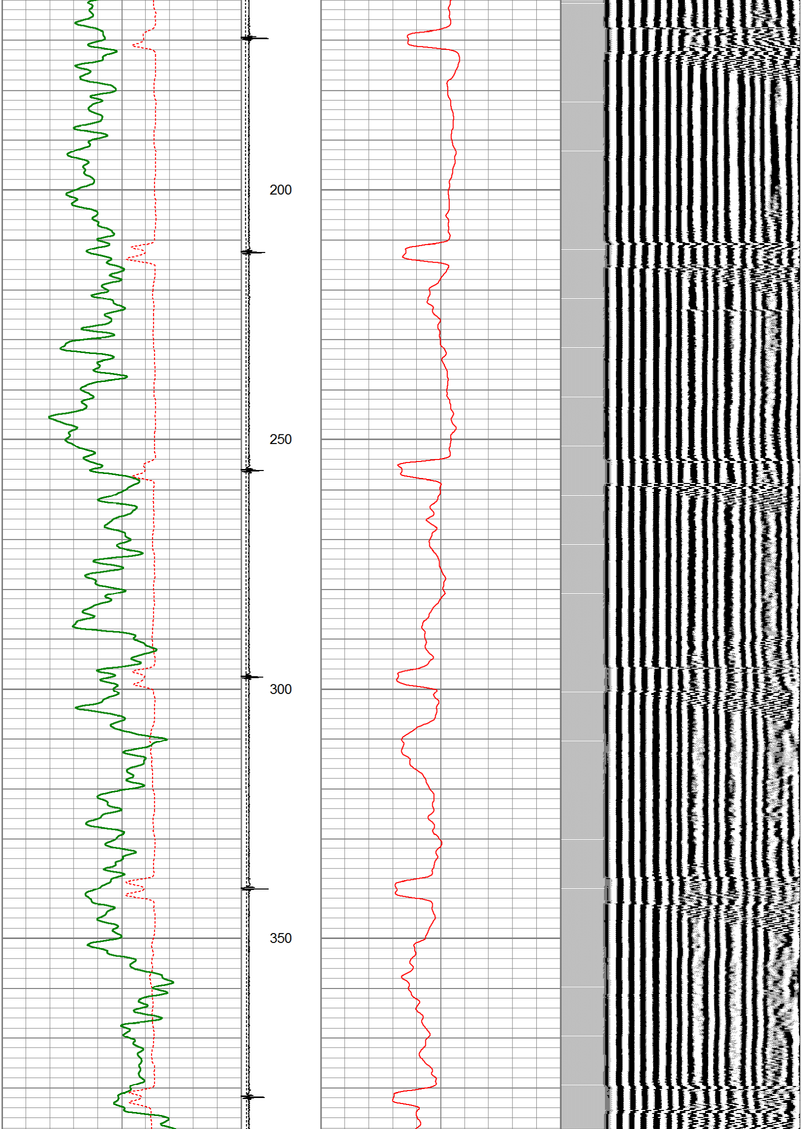
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

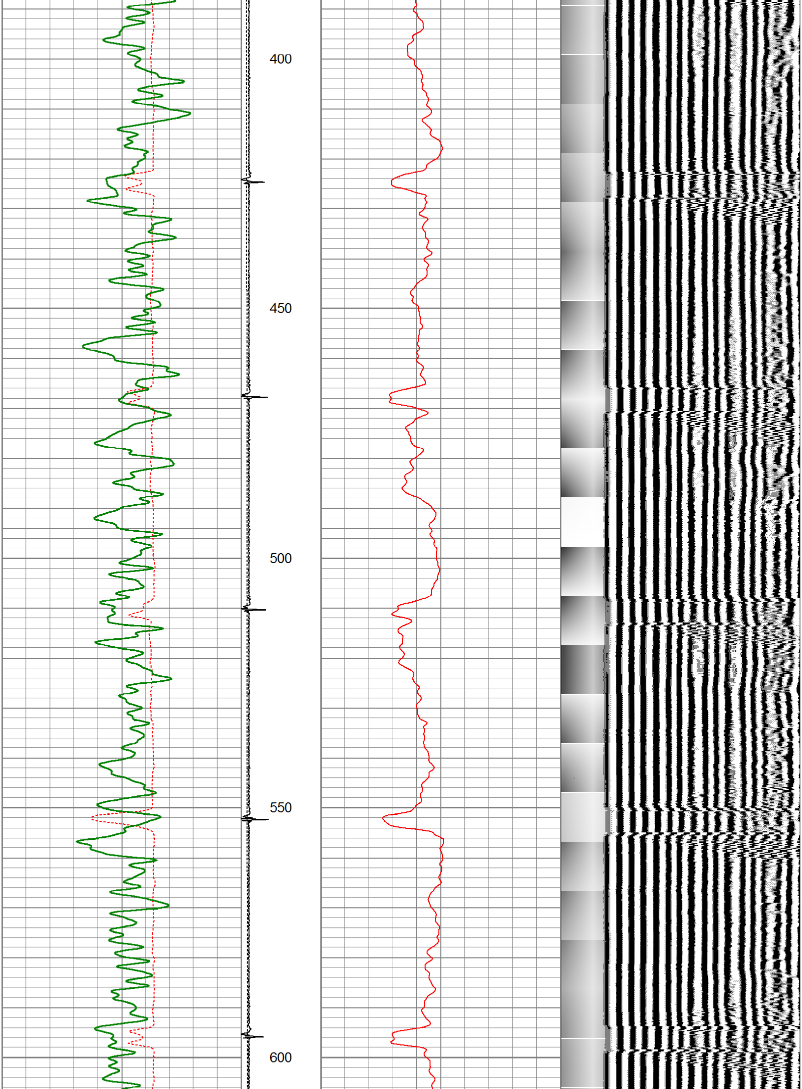
Comments

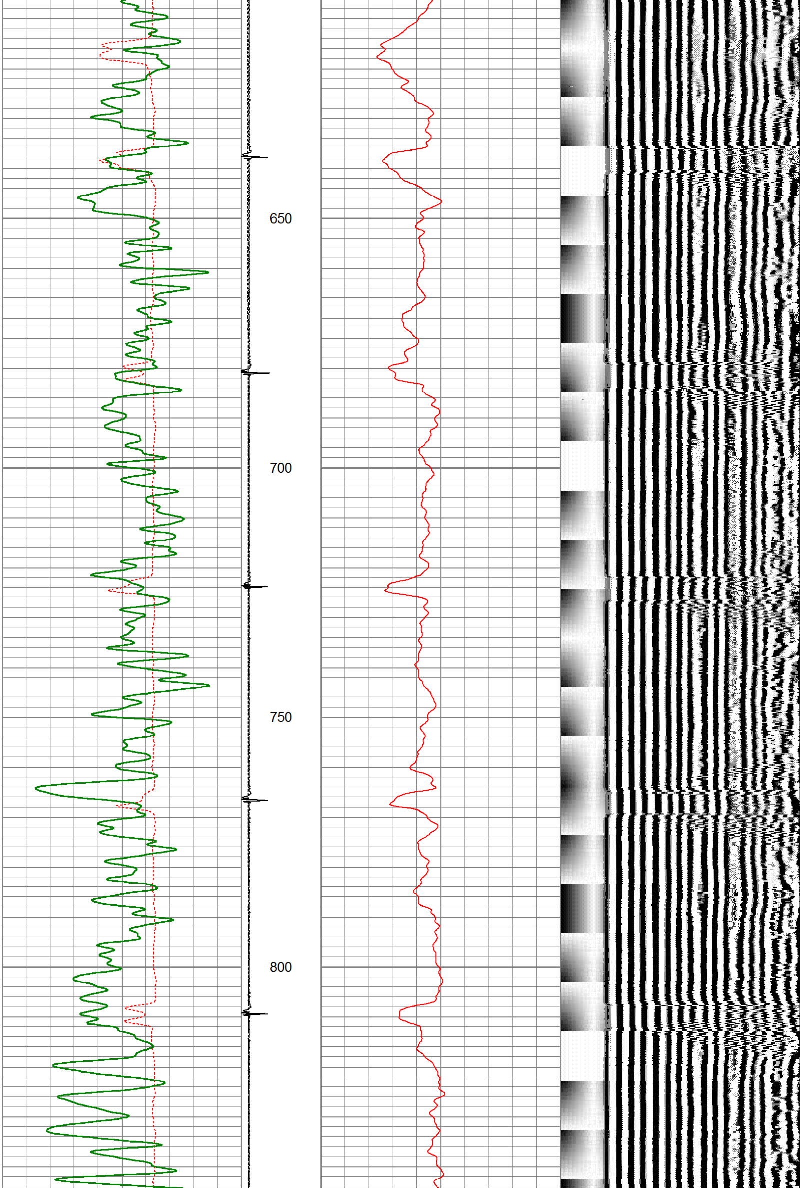
THANK YOU FOR CHOOSING KLX ENERGY
RAN LOG UNDER 0 PSI

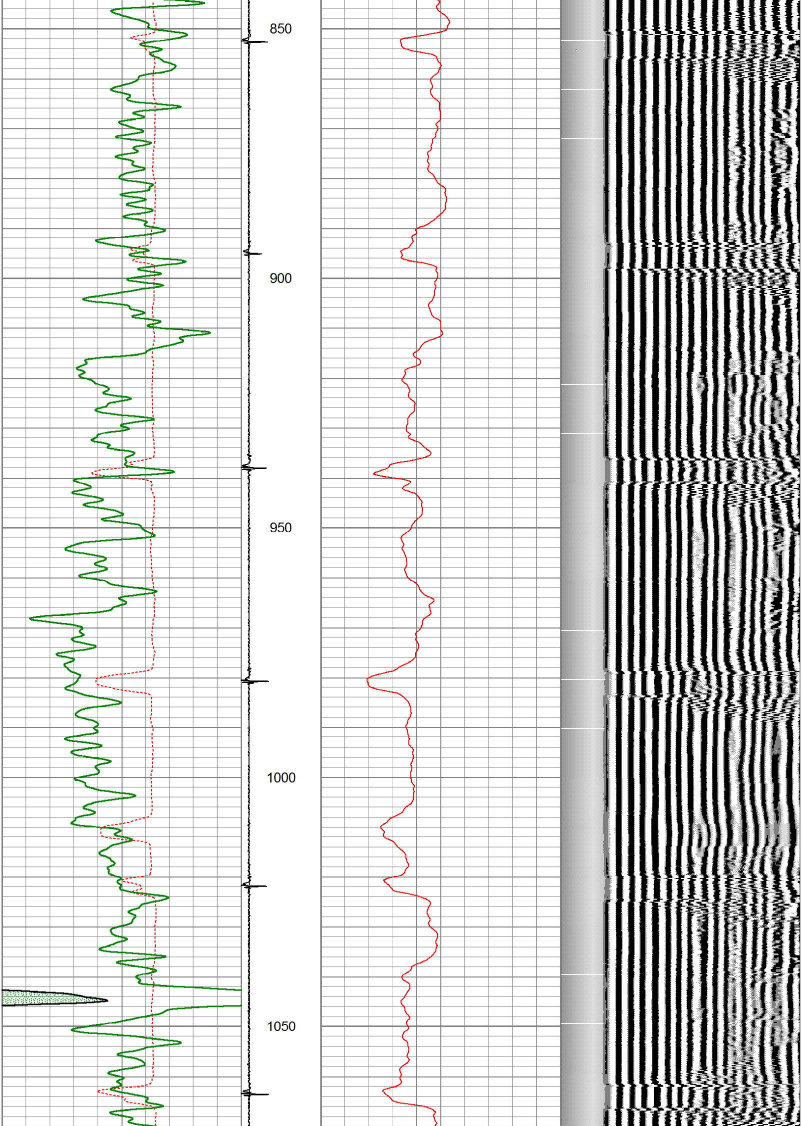
Database File: uprr60panam_f_2.db
Dataset Pathname: pass1
Presentation Format: cbldig
Dataset Creation: Wed Dec 19 08:43:09 2018 by Log Std Casedhole 10081
Charted by: Depth in Feet scaled 1:240

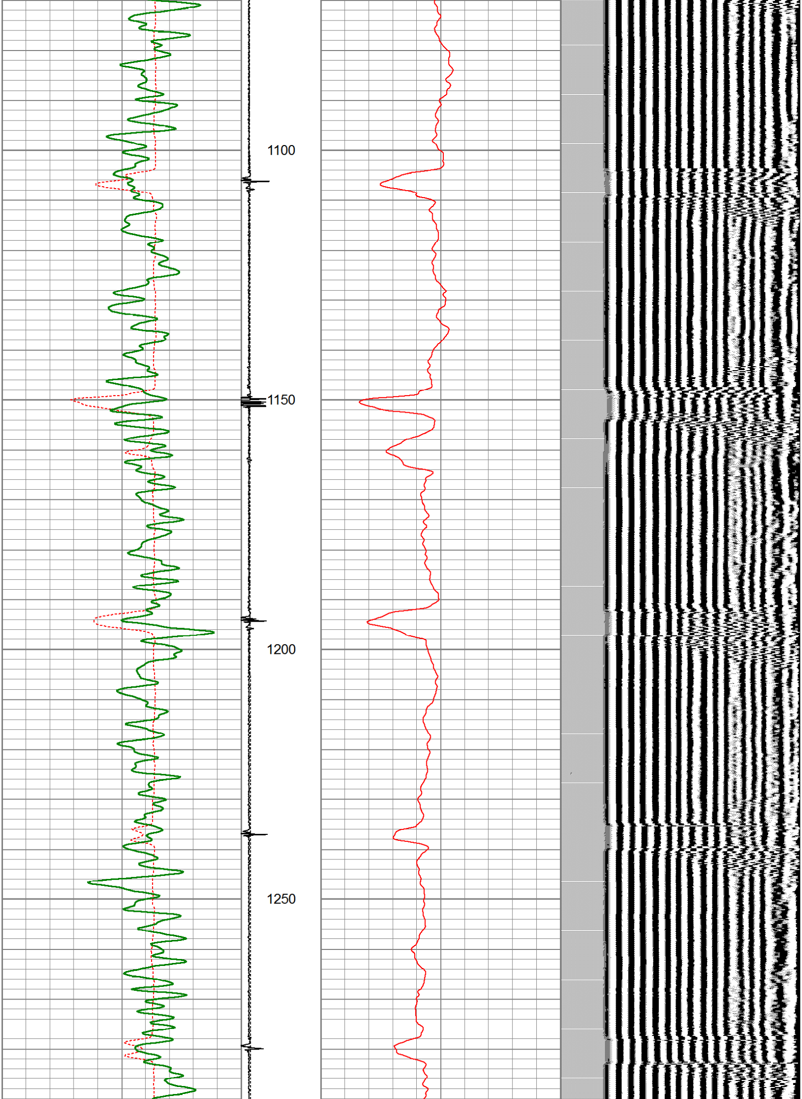


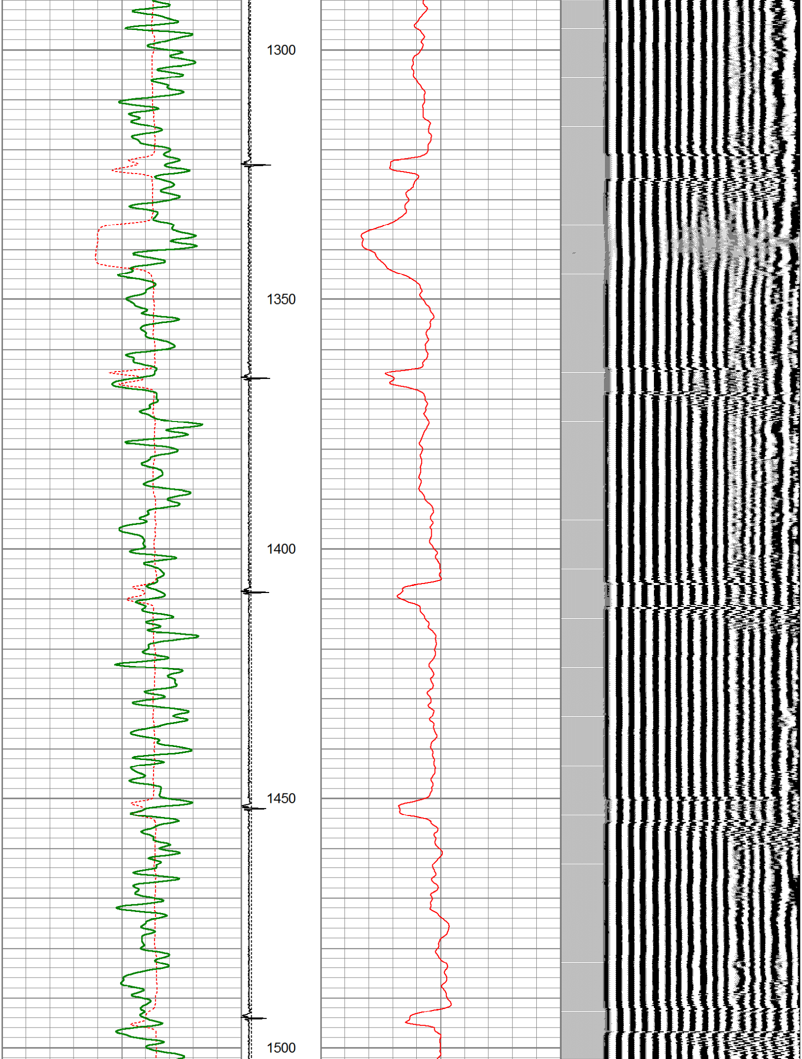


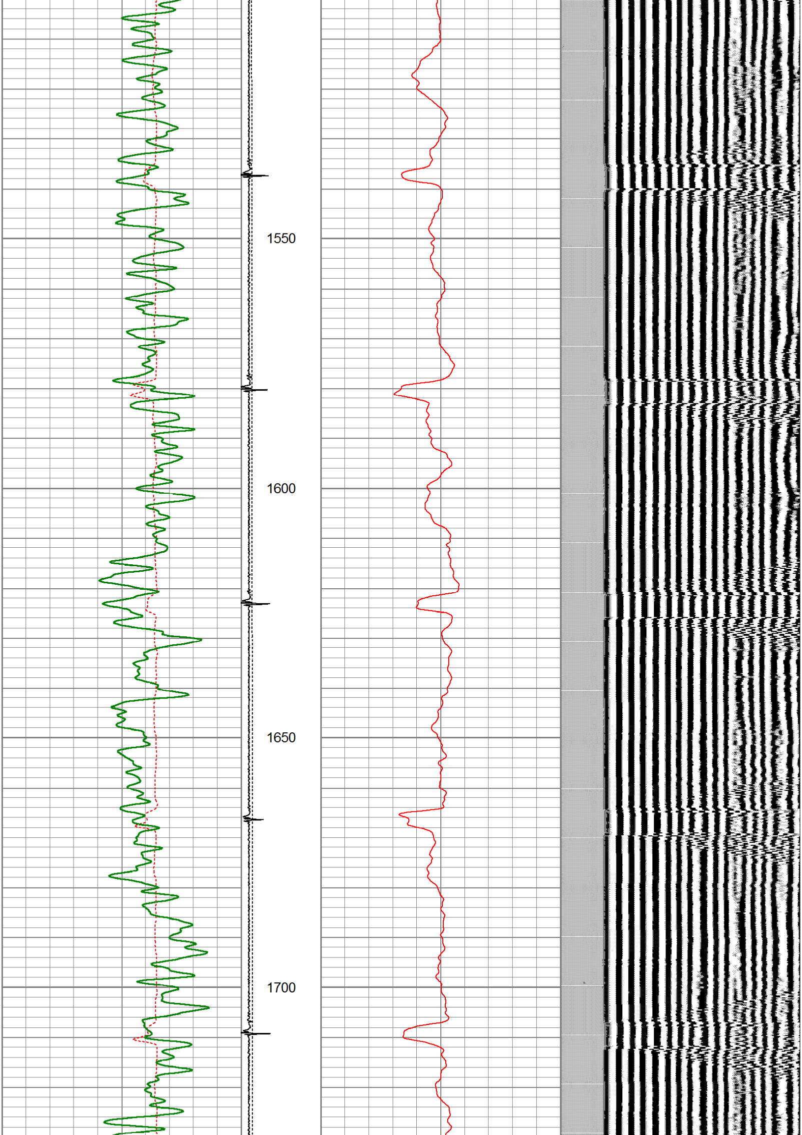


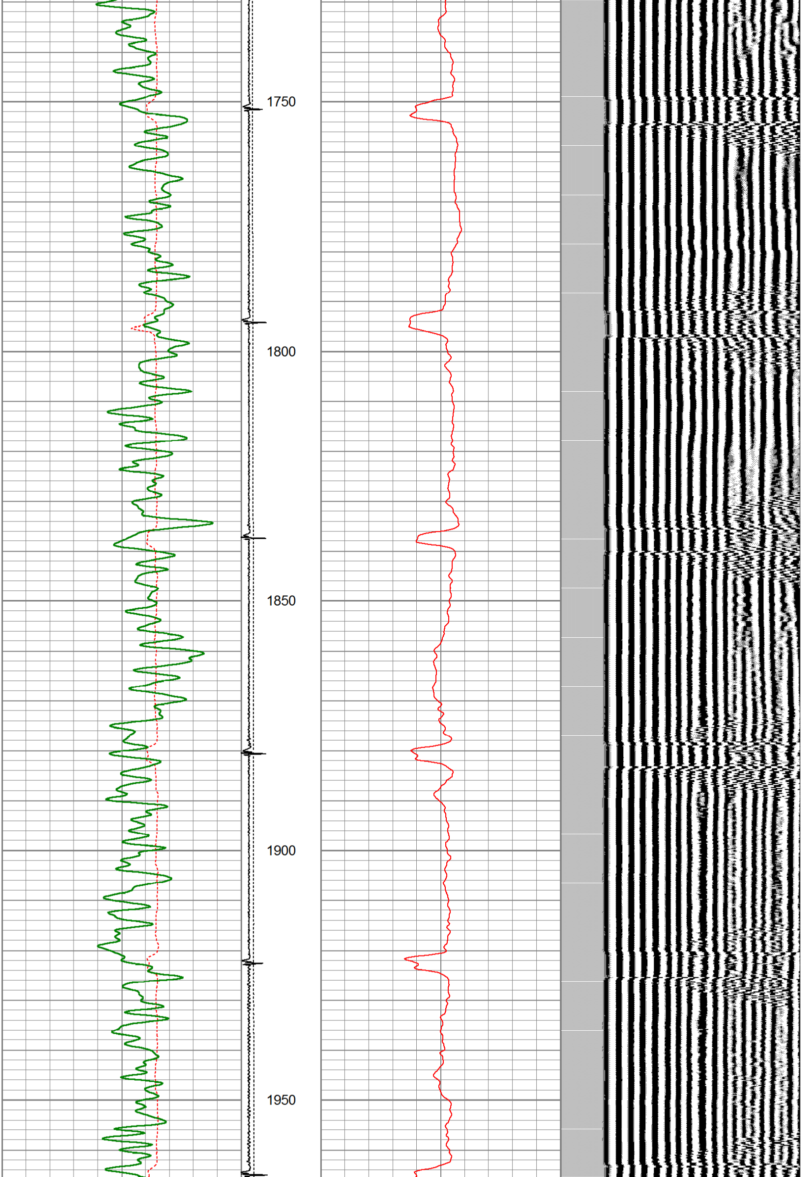


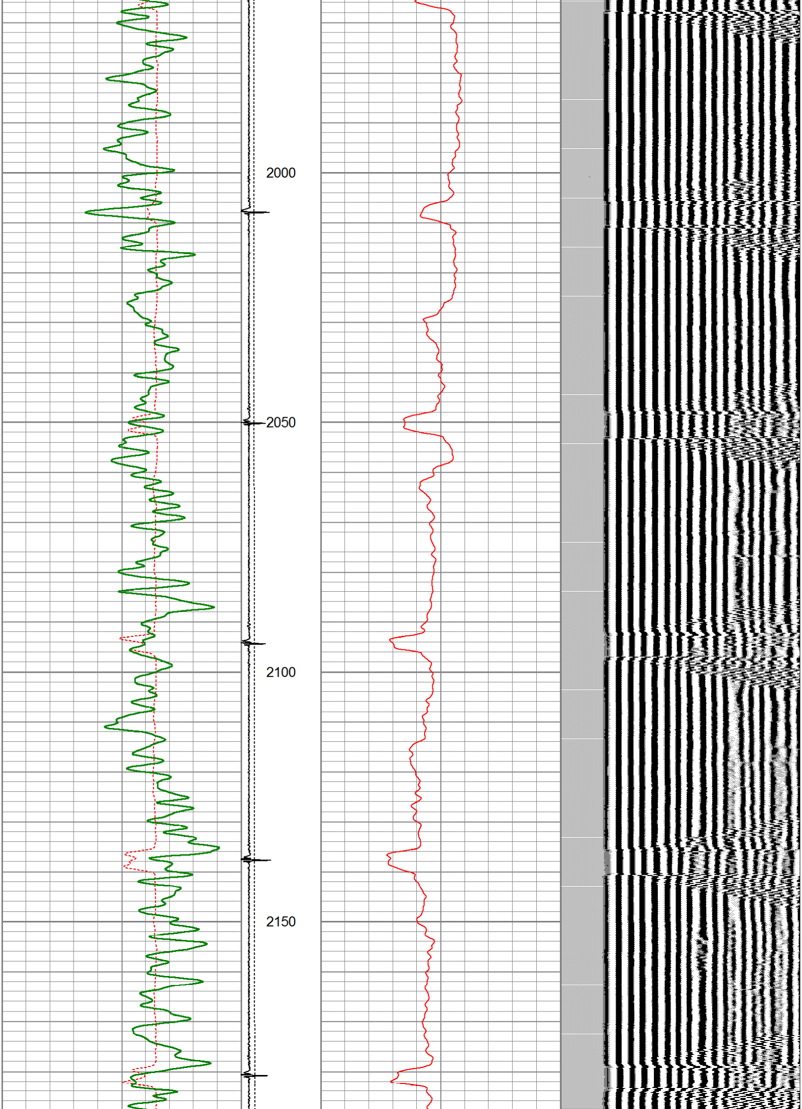


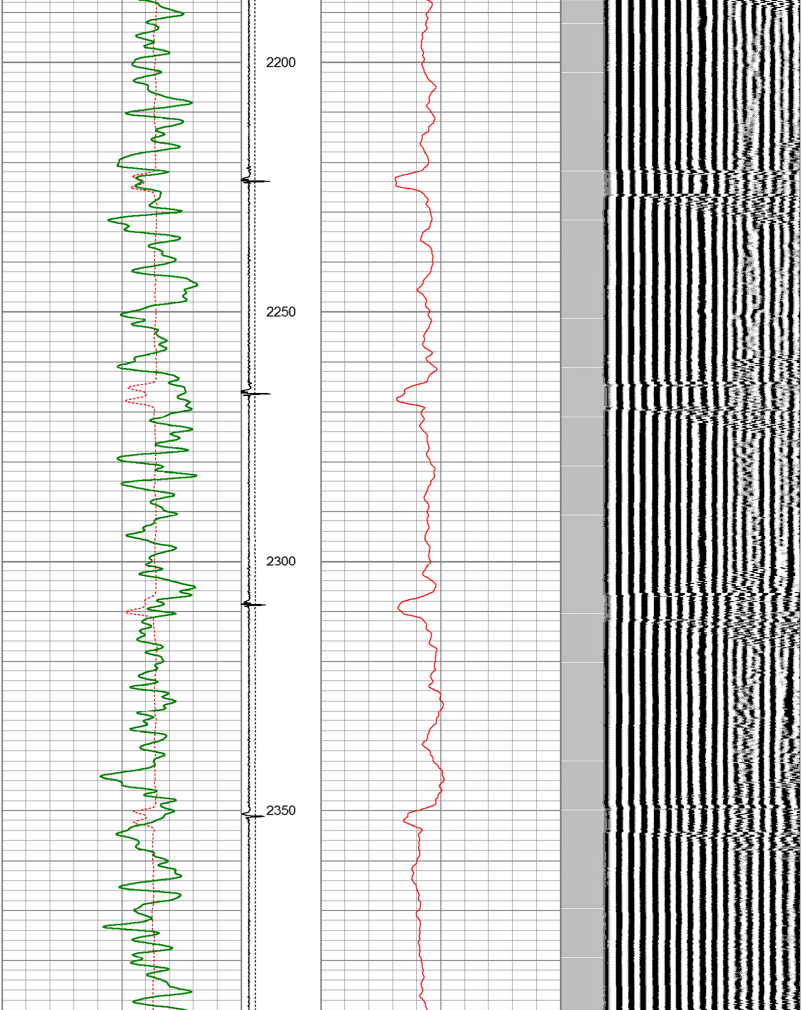


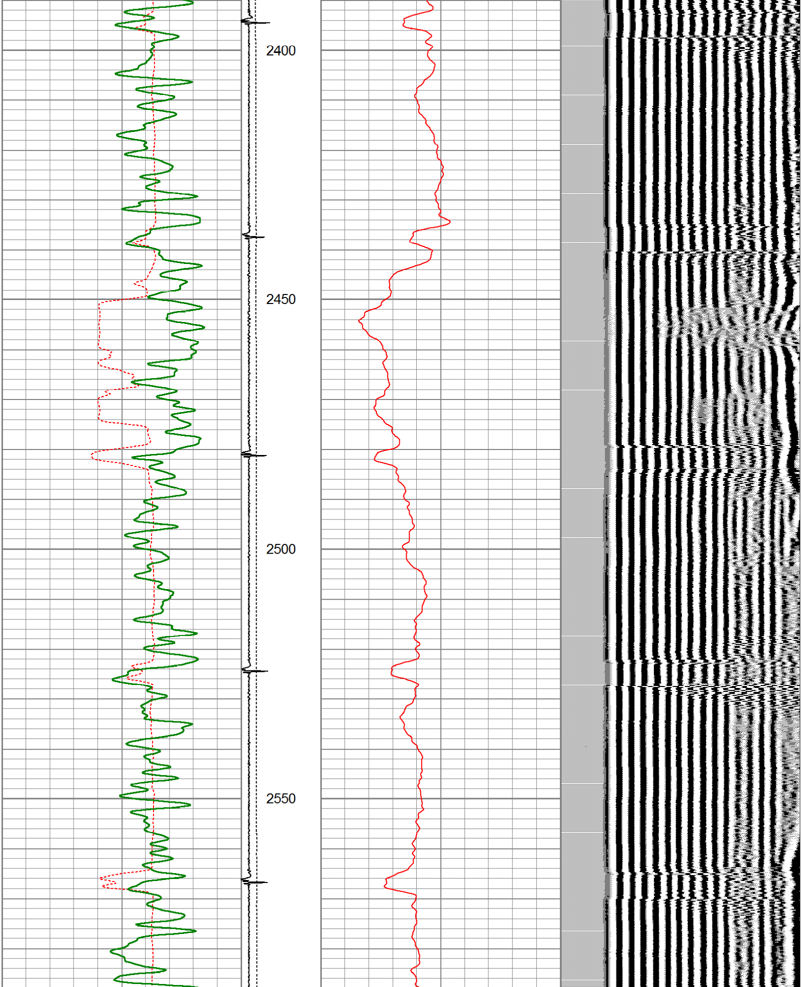


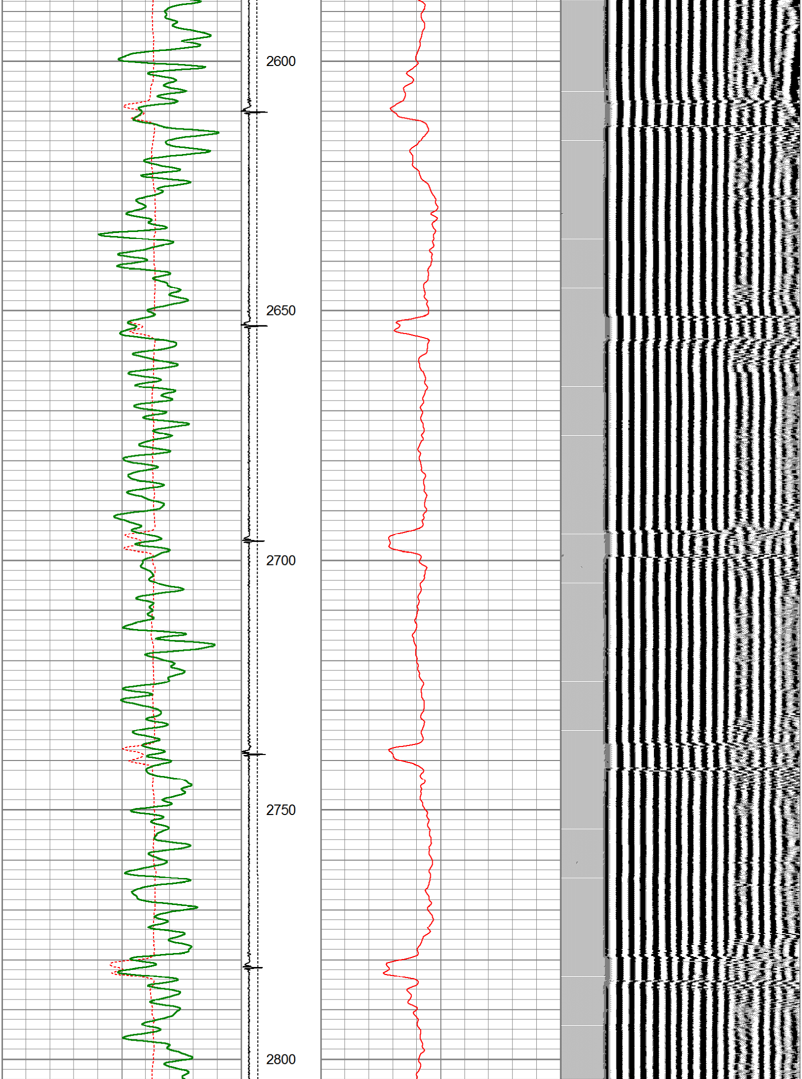


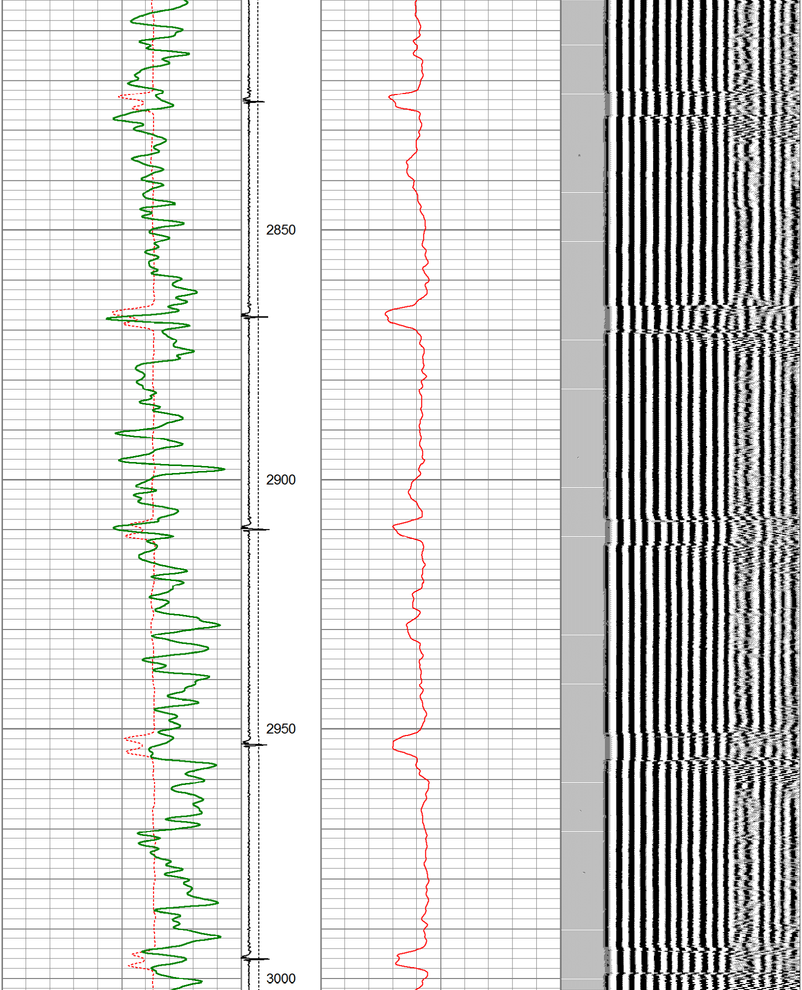


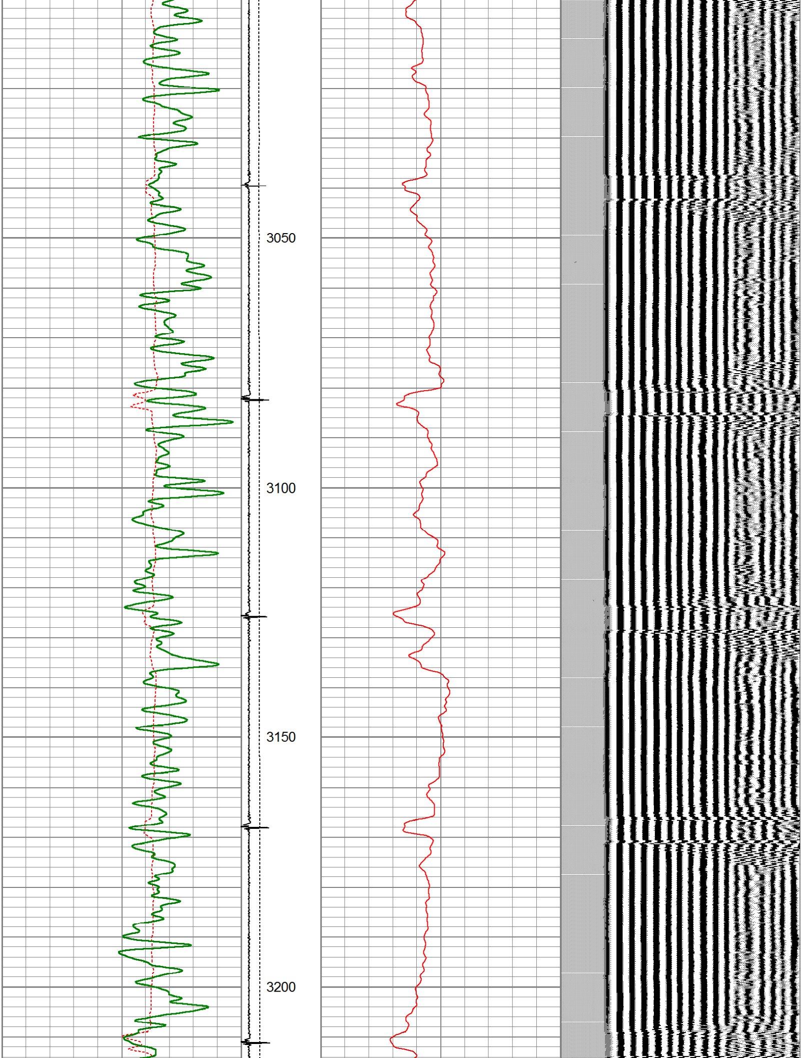


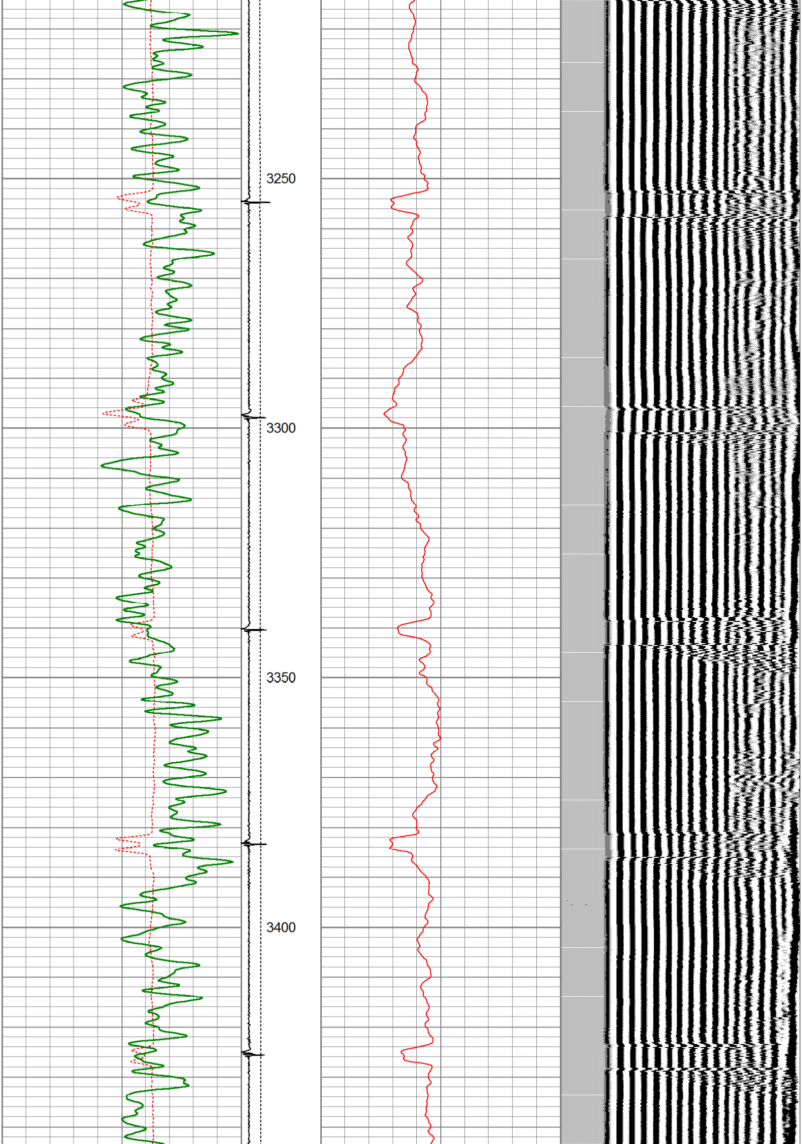


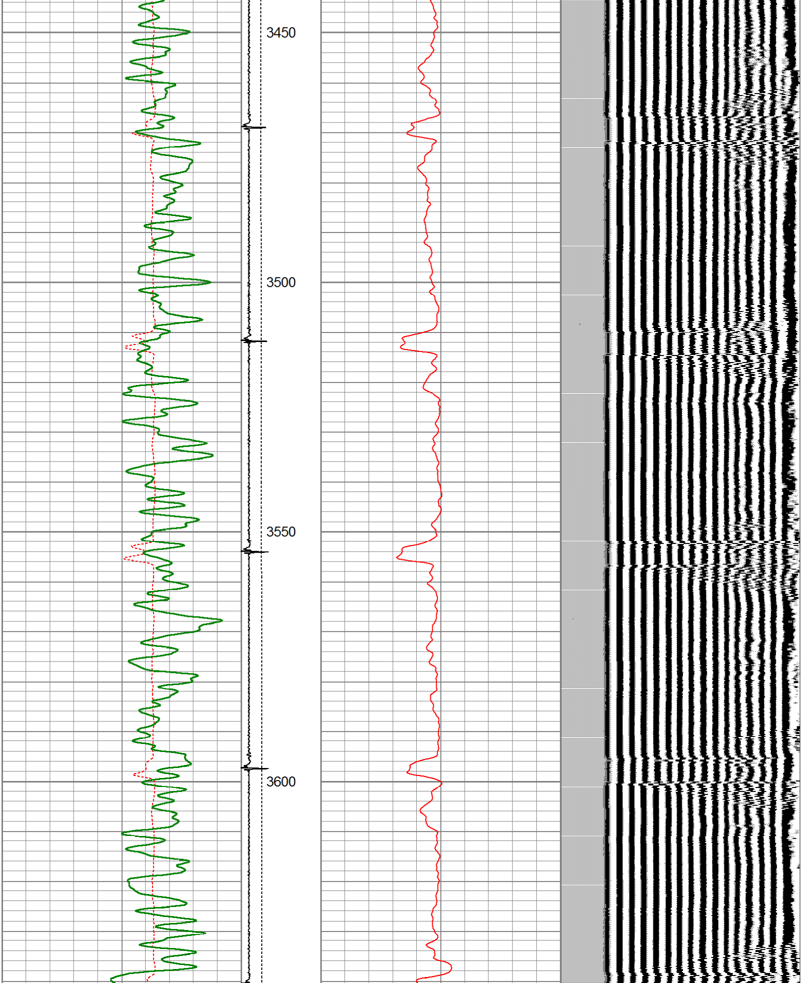


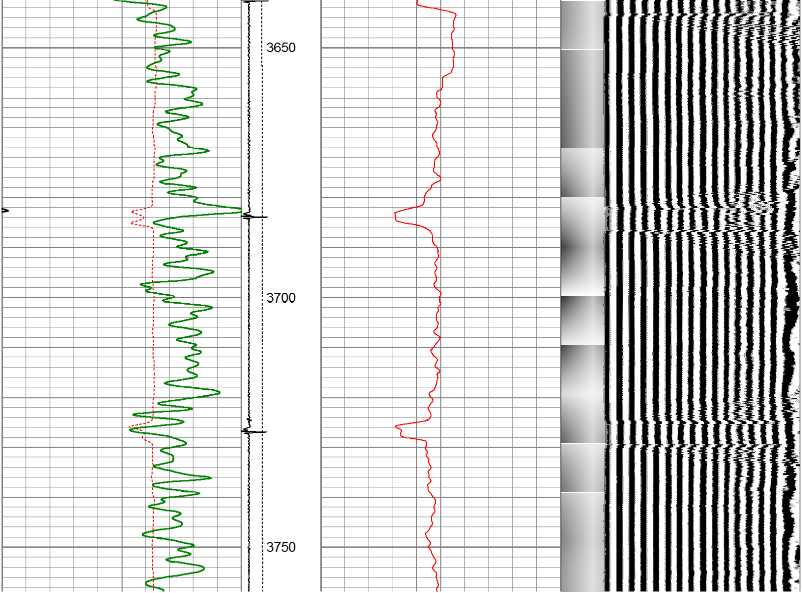


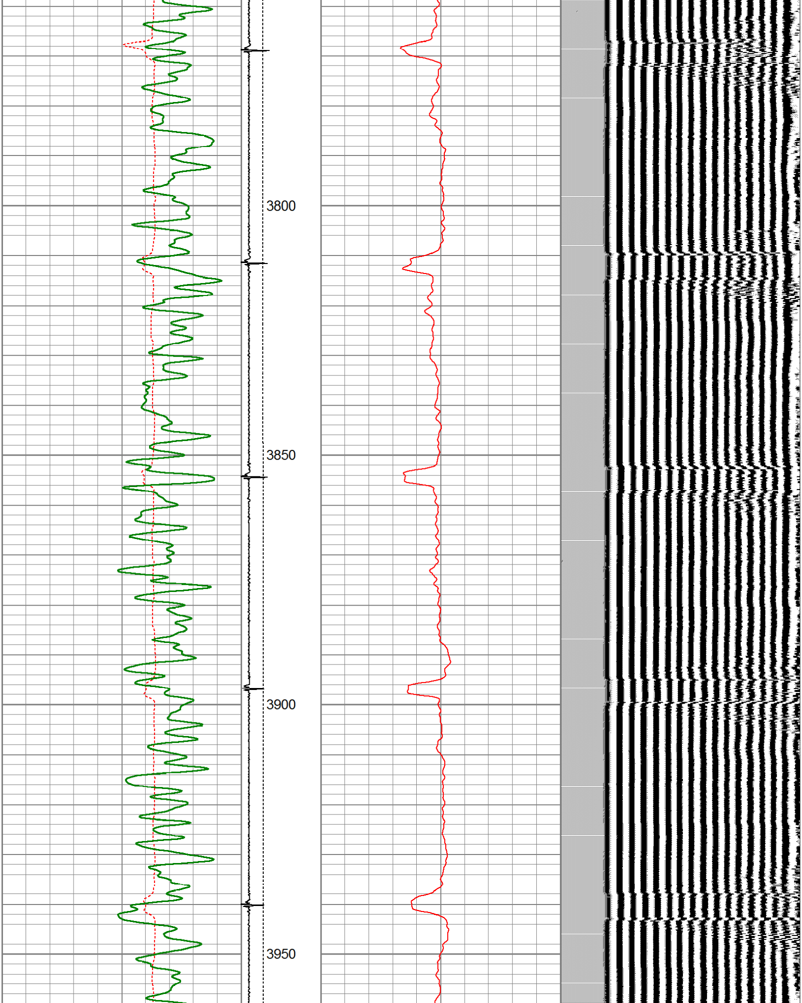


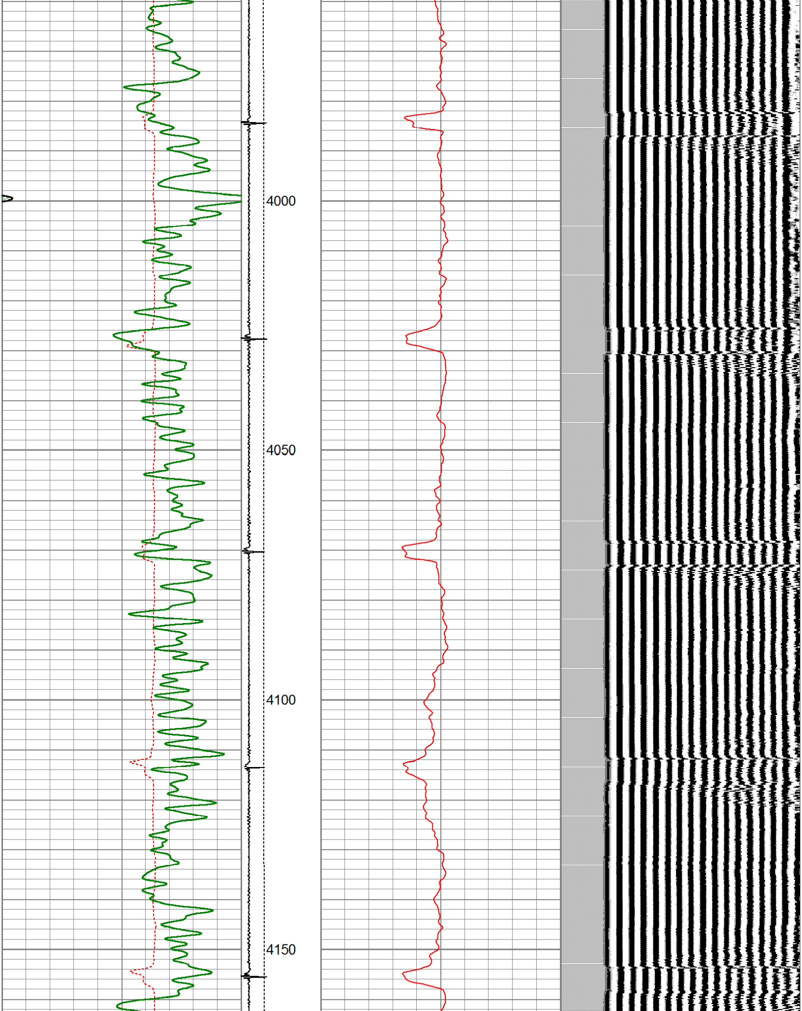


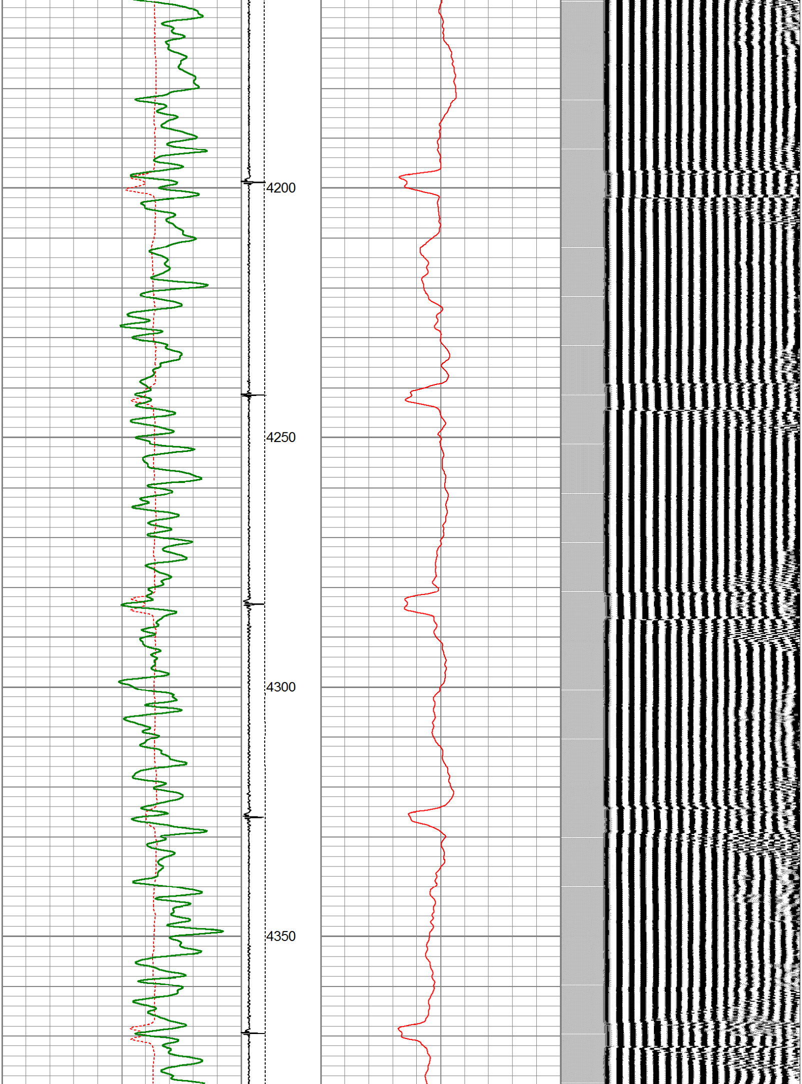


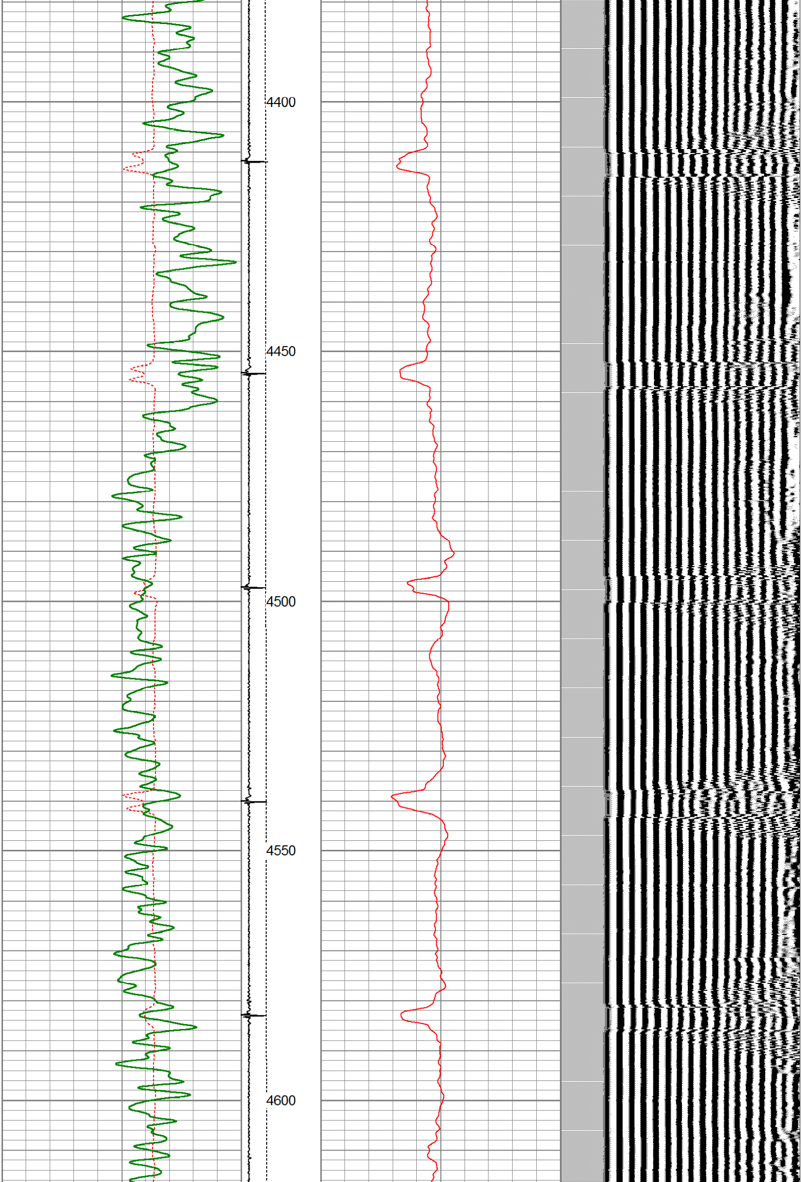


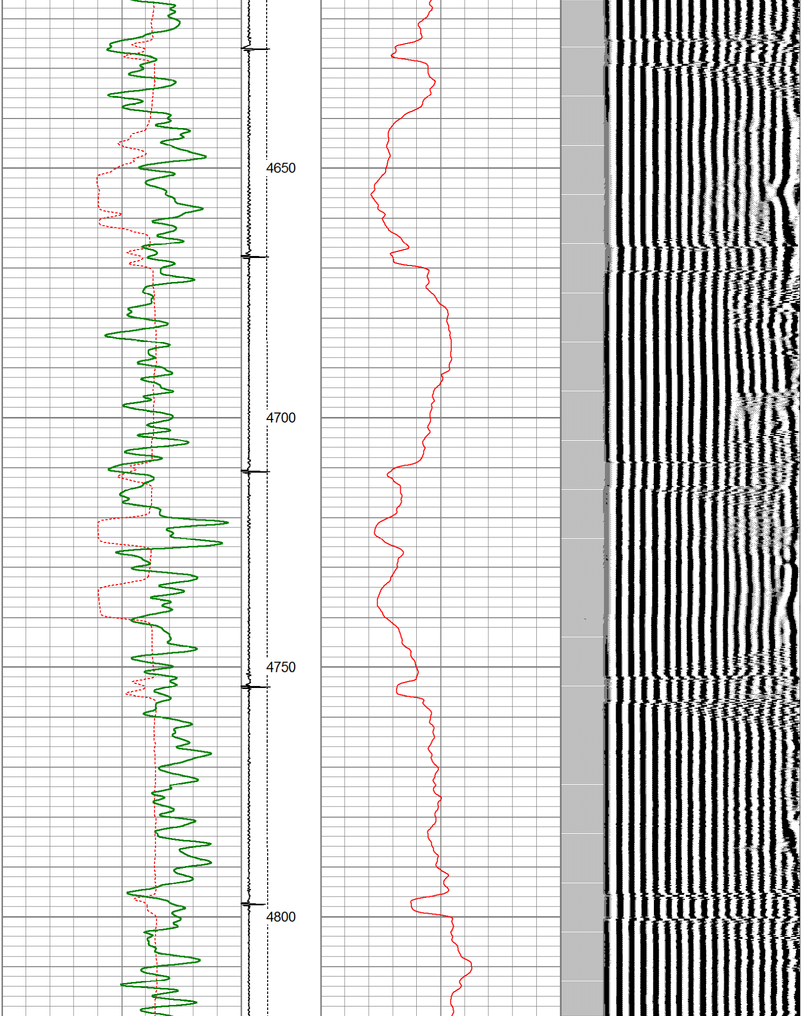


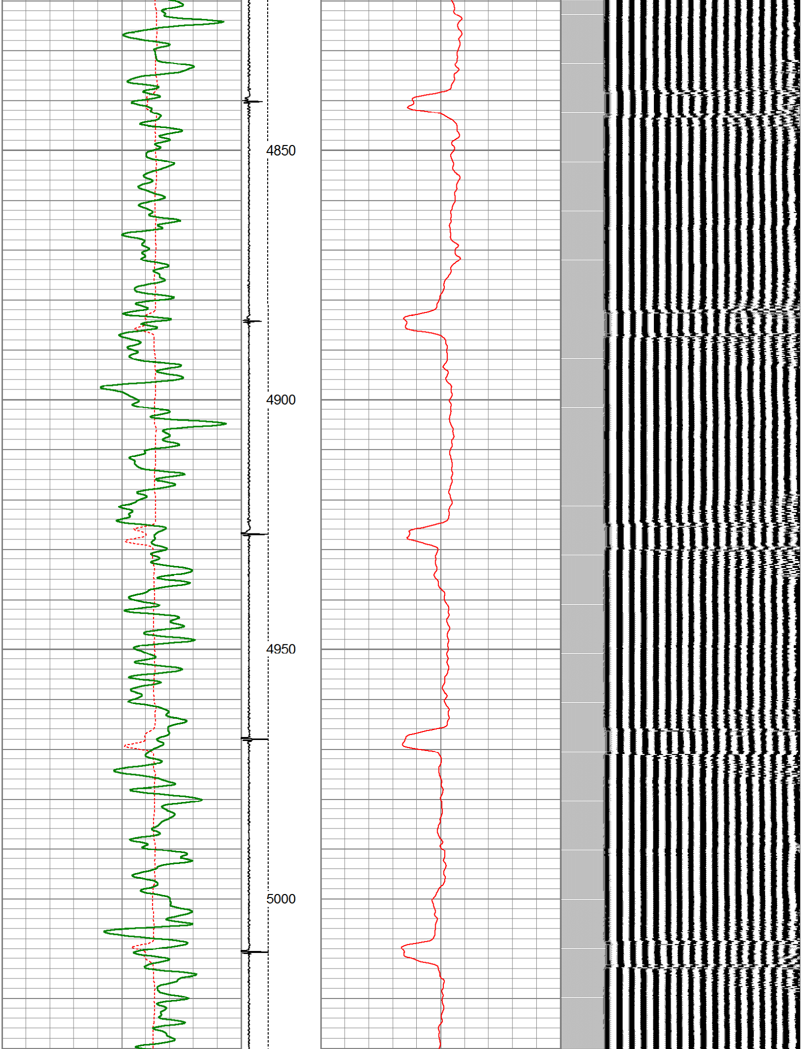


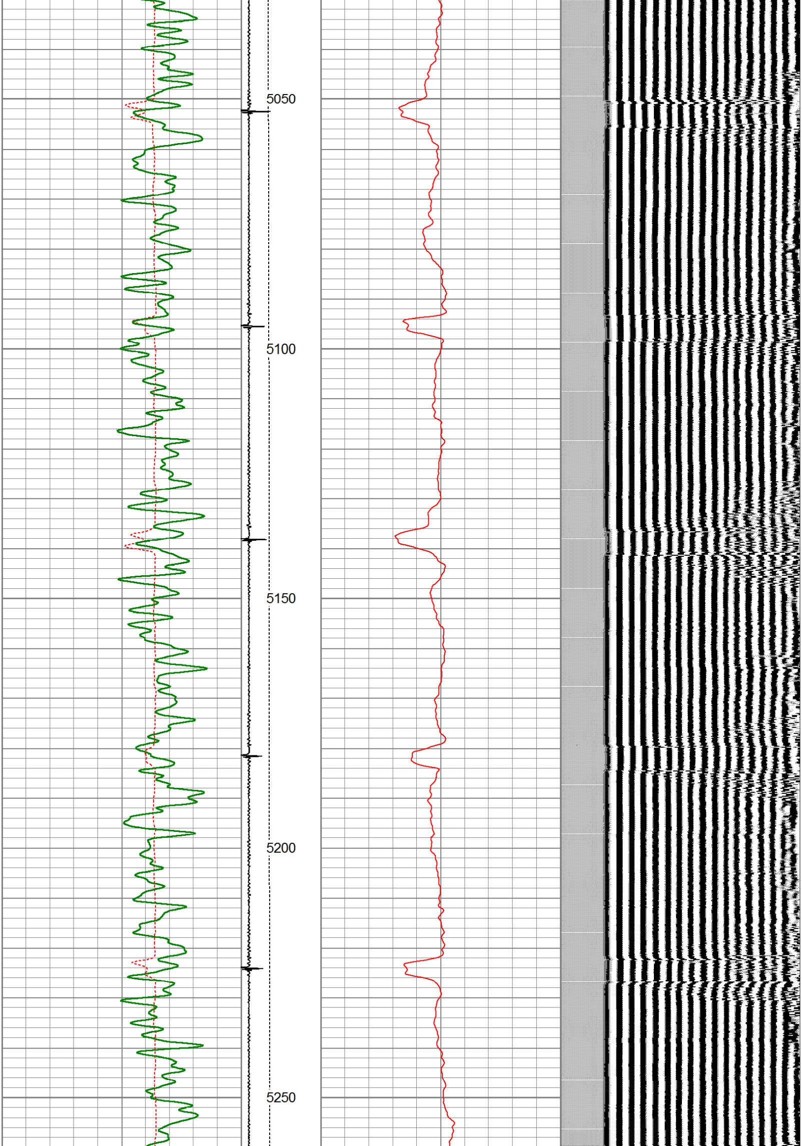


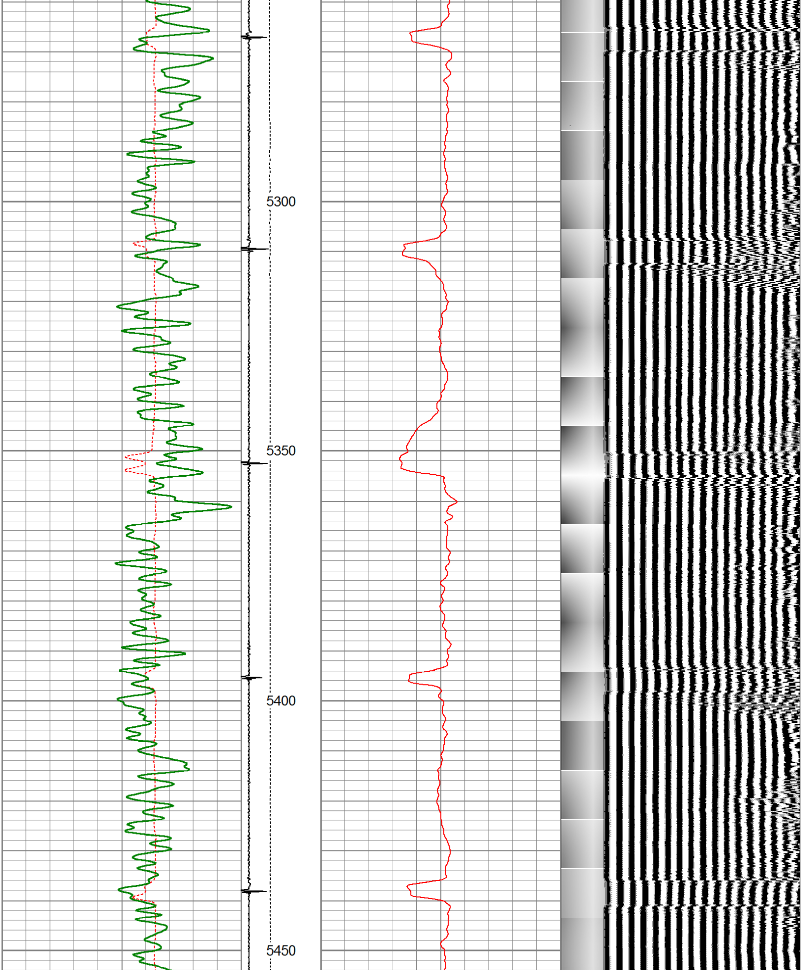


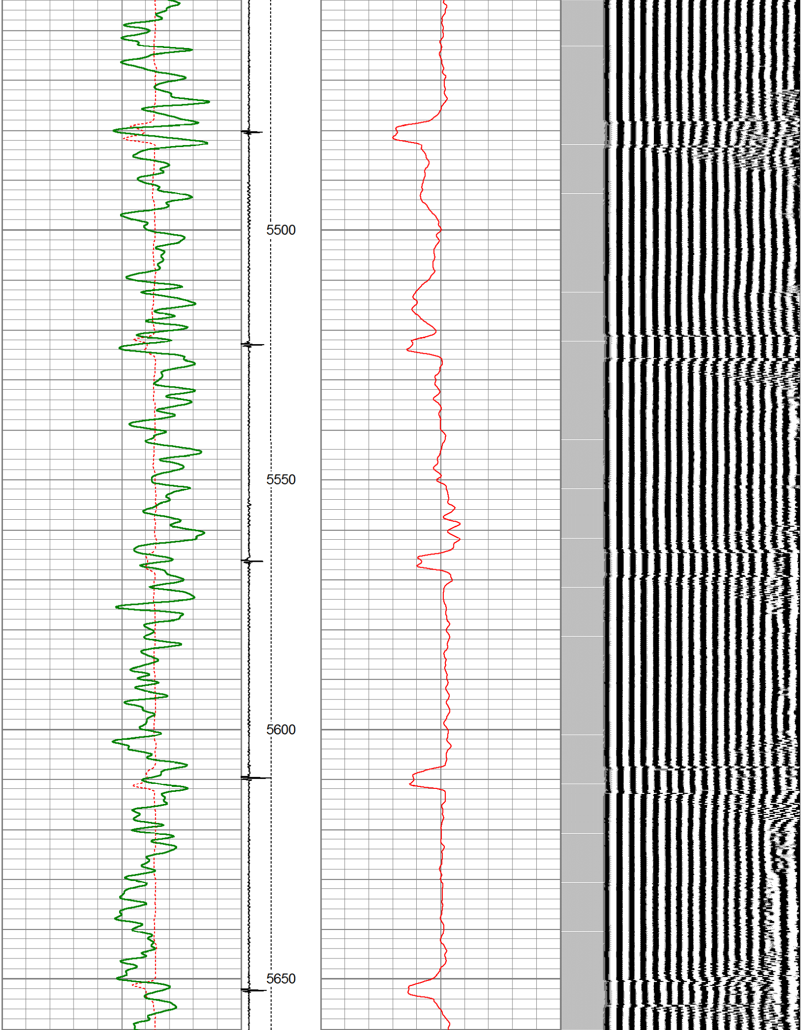


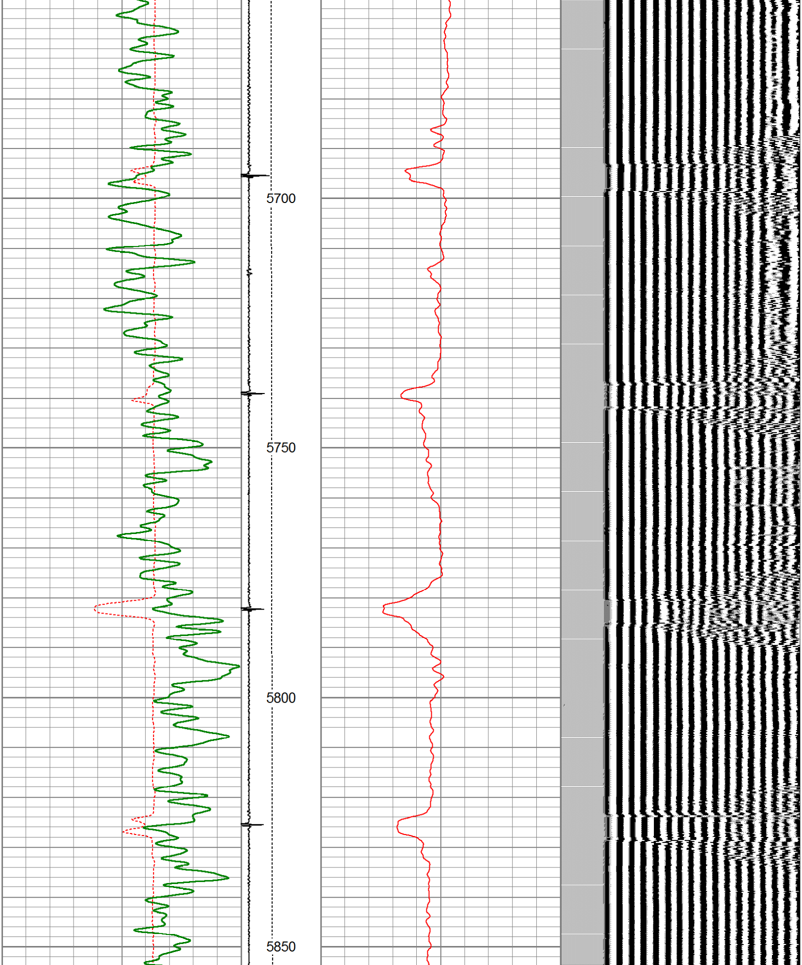


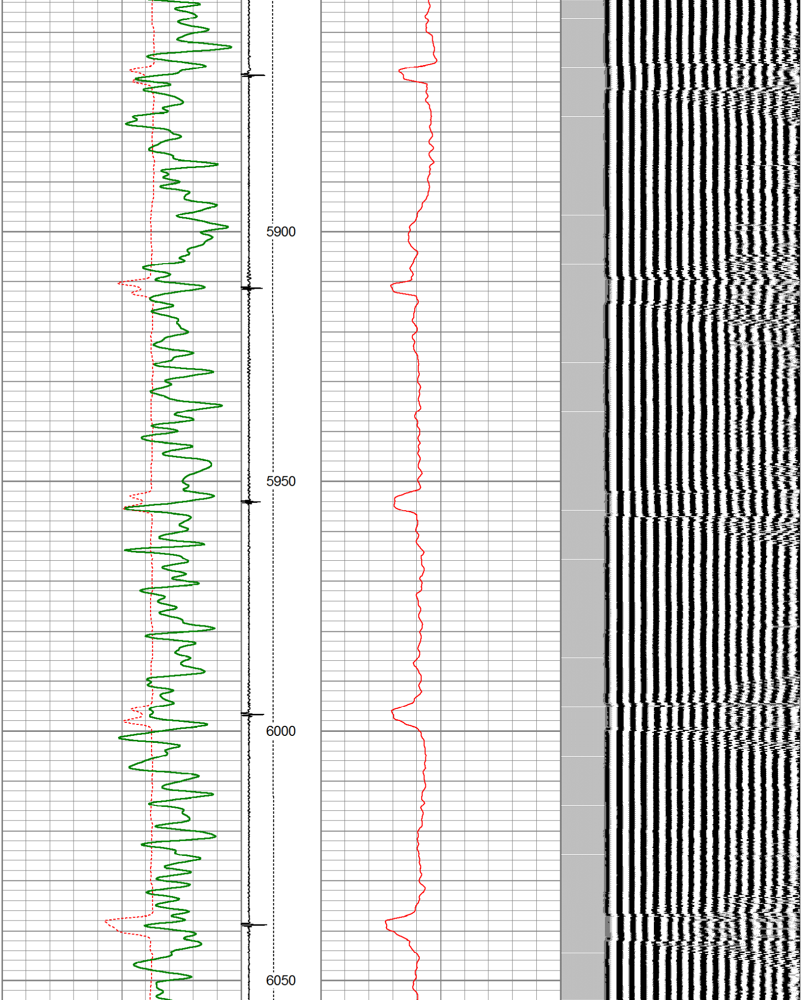


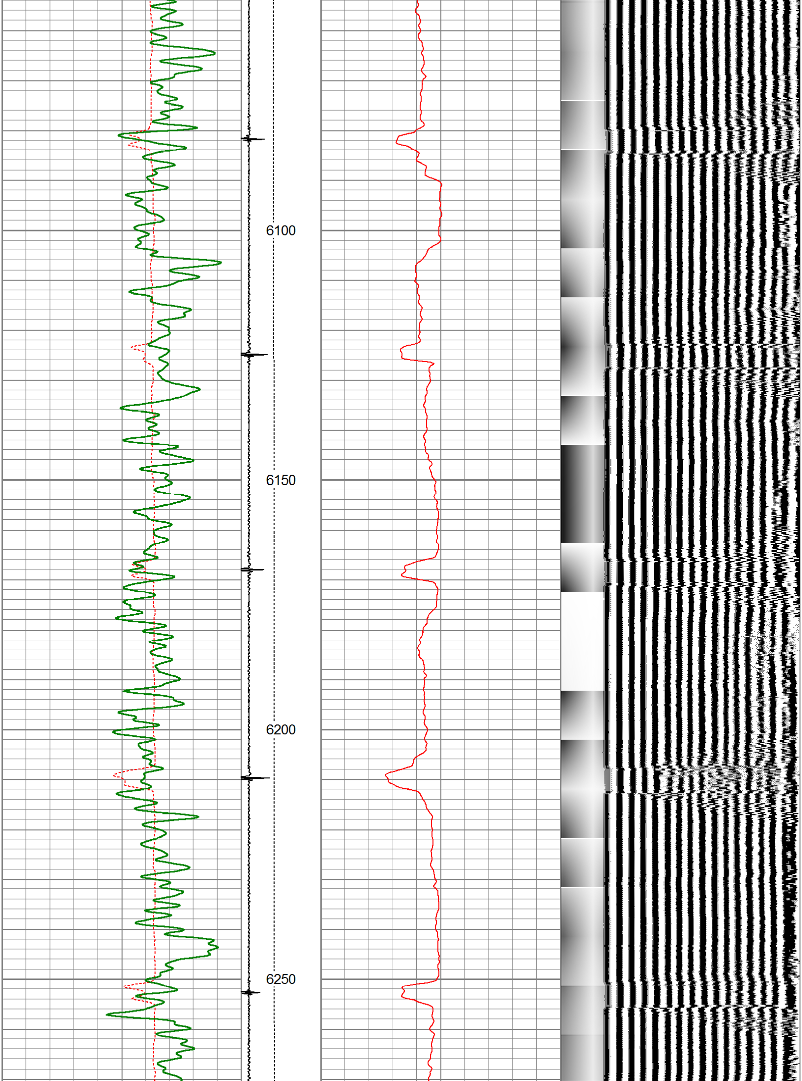


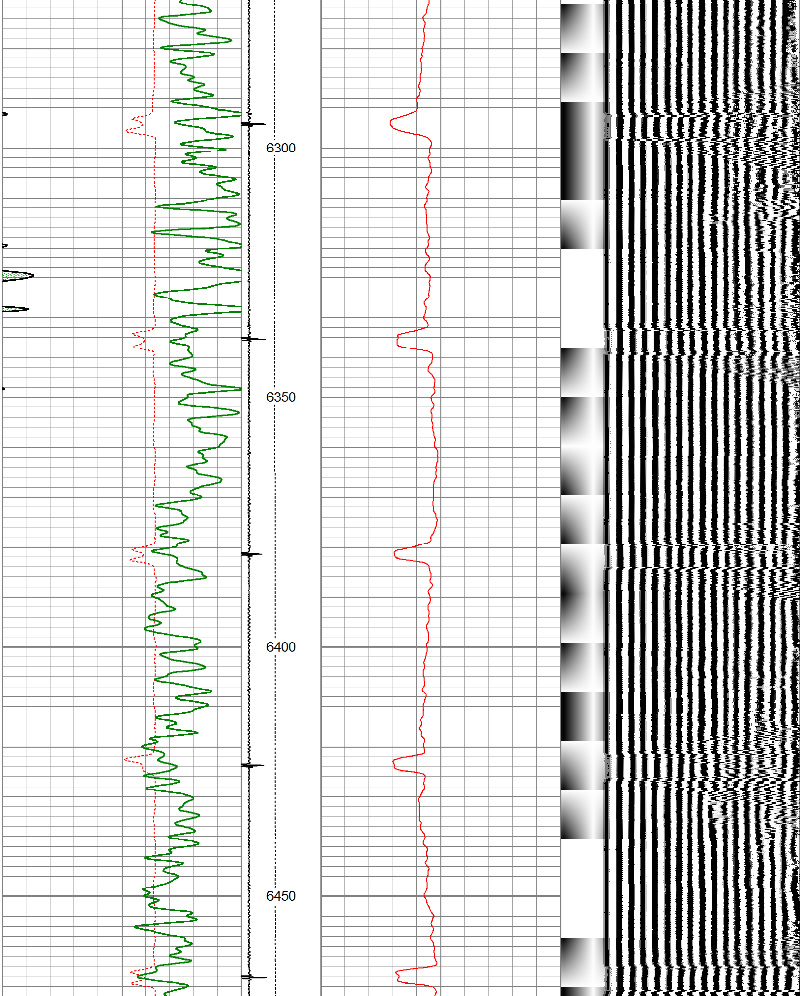


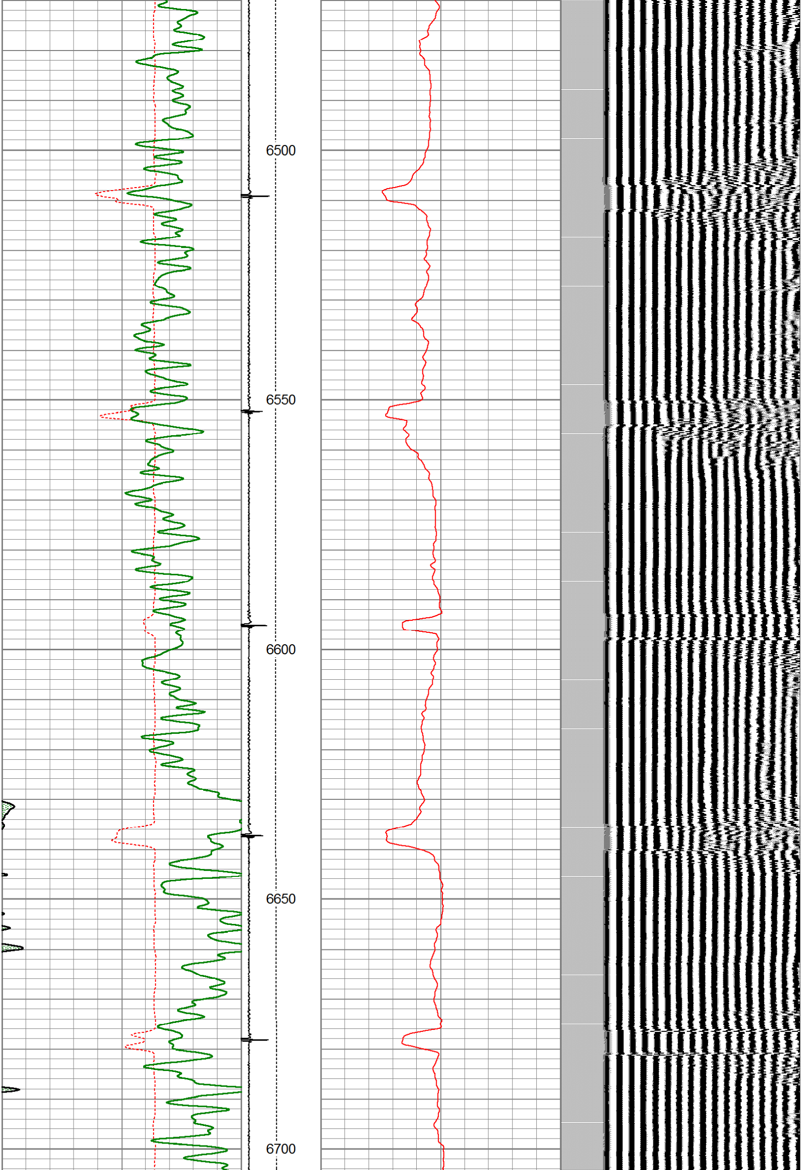


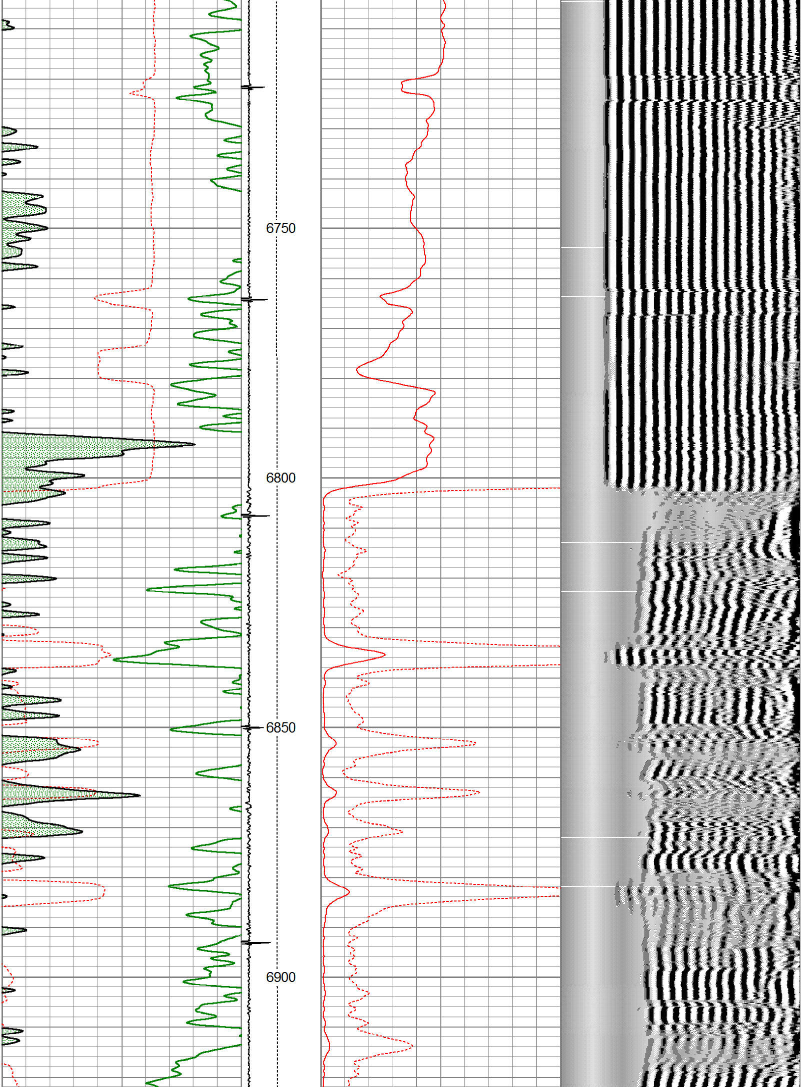


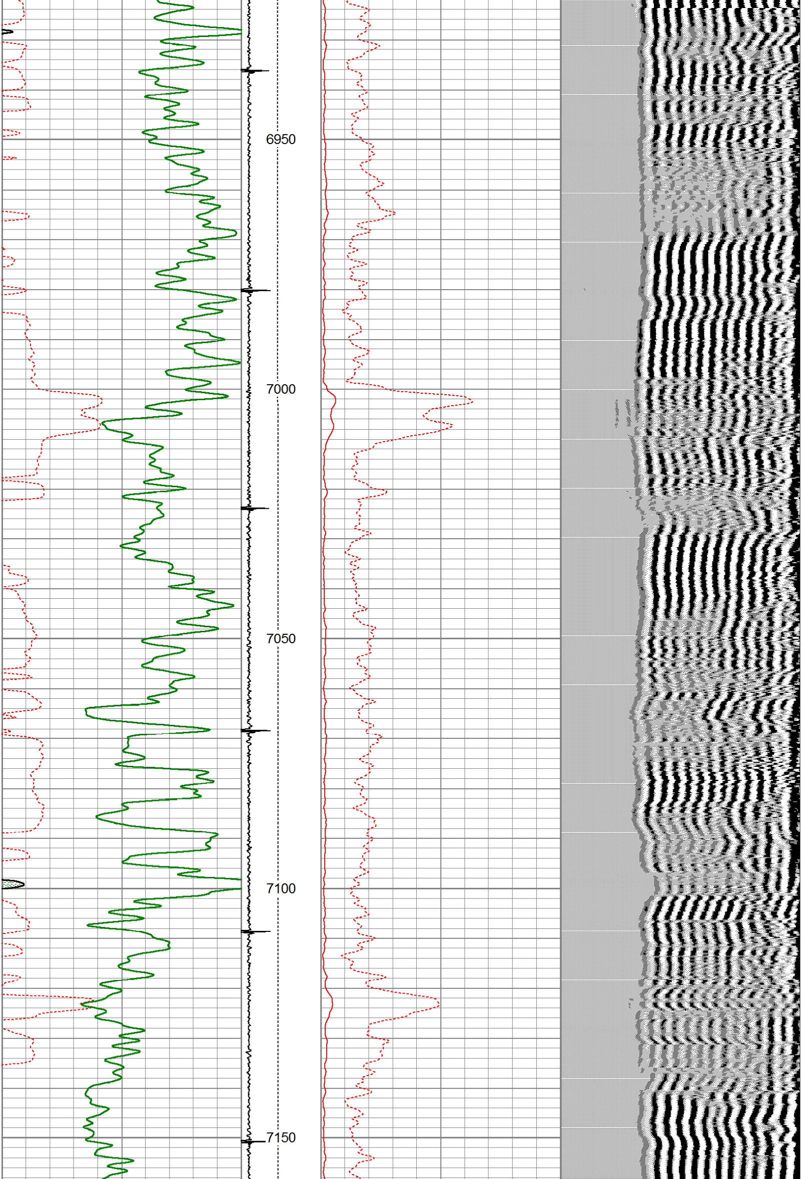


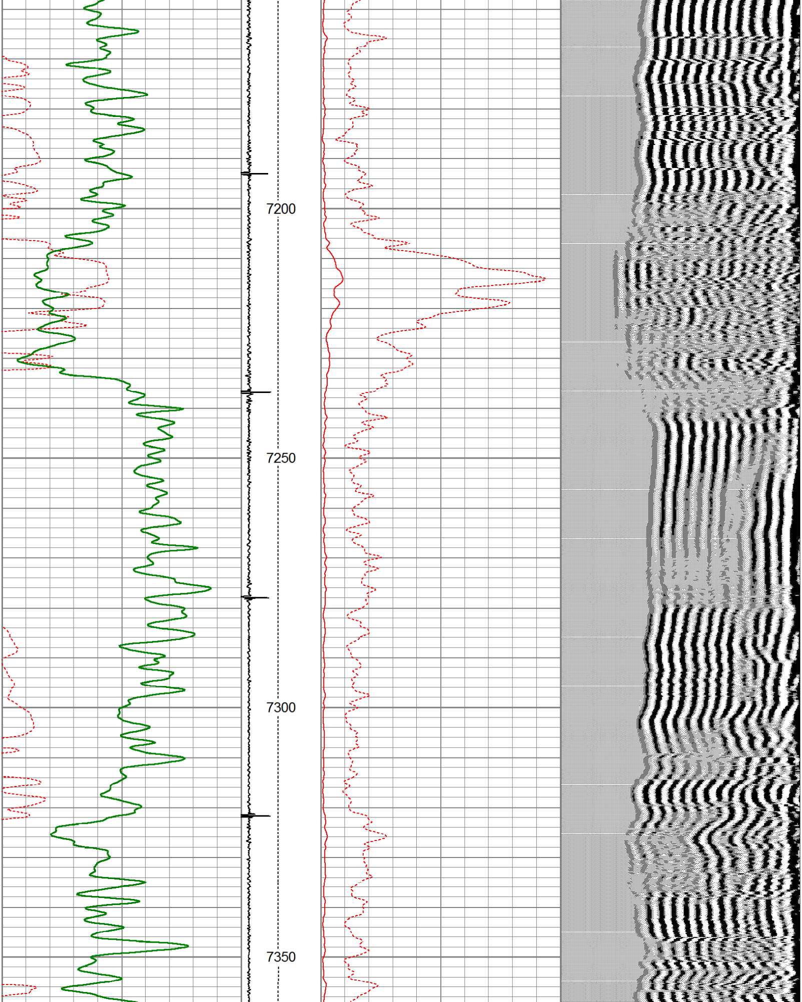


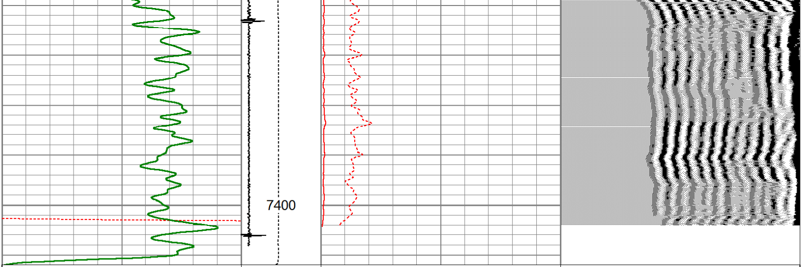




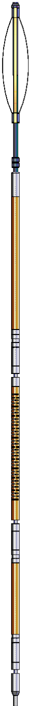


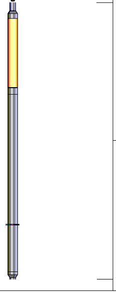






400 Travel Time (usec) 200	Collar Locator	0 Amplitude (mV) 100	200 Variable Density 1200
0 GR (GAPI) 150	-1 9	0 Amplified Amplitude (mV) 10	
	Line Tension		
	0 (lb 2500		

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			PTS275	2.83	2.75	
WVF3 WVF5	8.83 7.83		CBL-Digital HT (Probe 275 CBL) (080424) Probe 275 CBL HT	8.92	2.75	130.00

CCL	3.64		GR-Probe (275) Probe 2.75" 4 Channel Pulse	4.58	2.75	30.00
GR	0.90					

Dataset: uprr60panam_f_2.db: field/well/run1/pass1
Total Length: 16.33 ft
Total Weight: 160.00 lb
O.D. 2.75 in

Calibration Report

Database File: uprr60panam_f_2.db
Dataset Pathname: pass1
Dataset Creation: Wed Dec 19 08:43:09 2018 by Log Std Casedhole 10081

Gamma Ray Calibration Report

Serial Number: 275
Tool Model: Probe
Performed: Thu Aug 07 08:00:19 2008

Calibrator Value: 100.0 GAPI

Background Reading: 35.0 cps
Calibrator Reading: 160.0 cps

Sensitivity: 1.0000 GAPI/cps

Cement Bond Log Calibration Report

Serial Number: 080424
Tool Model: Digital HT (Probe 275 CBL)
Performed: Sat Dec 08 07:49:10 2018

Depth: 1046.82 ft
Casing Diameter: 4.5 in

	3' Spacing	5' Spacing	
Signal Zero:	0.8	0.8	mV

Calibra
Readin
Readin

Gain:
Offset:

ted Amplitude:
g at Signal Zero:
g in Free Pipe:

81.1961
0
1.04331

77.0586
0.8

81.1961
0
0.92749

86.6813
0.8

mV
V
V