C&J ENERGY SERVICES

GAMMA RAY CCL CEMENT BOND VDL

Company	BAYSWATER EXPLORATION &
Well	KTC FARMS B-35-36HC
Field	WATTENBERG
County	WELD
State	COLORADO

Company BAYSWATER EXPLORATION & PRODUCTION LLC
Well KTC FARMS B-35-36HC
Field WATTENBERG
County WELD State COLORADO

Location: API #: 05-123-47271
NW/NW
SEC 35 TWP 7N RGE 66W

Other Services

Permanent Datum	GL	Elevation	4861	Elevation
Log Measured From	KB			K.B. 4886
Drilling Measured From	KB			D.F. G.L. 48614861

Date	OCTOBER 26, 2018
Run Number	ONE
Depth Driller	7524
Depth Logger	7524
Bottom Logged Interval	
Top Log Interval	SURFACE
Open Hole Size	
Type Fluid	WATER
Density / Viscosity	N/A
Max. Recorded Temp.	271°F
Estimated Cement Top	
Time Well Ready	ROA
Time Logger on Bottom	12:30
Equipment Number	200099
Location	FORT LUPTON
Recorded By	GREG NOLAN
Witnessed By	BRAD BIVENS

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	5-1/2			
Liner				

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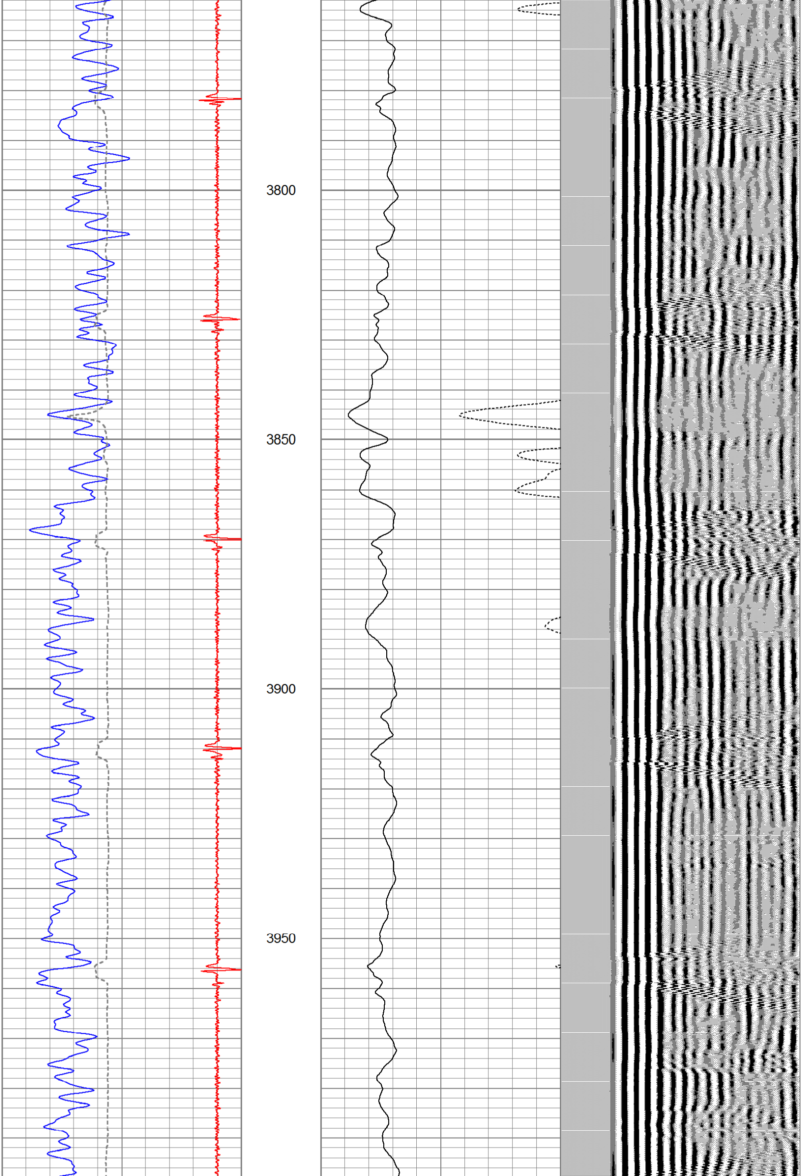
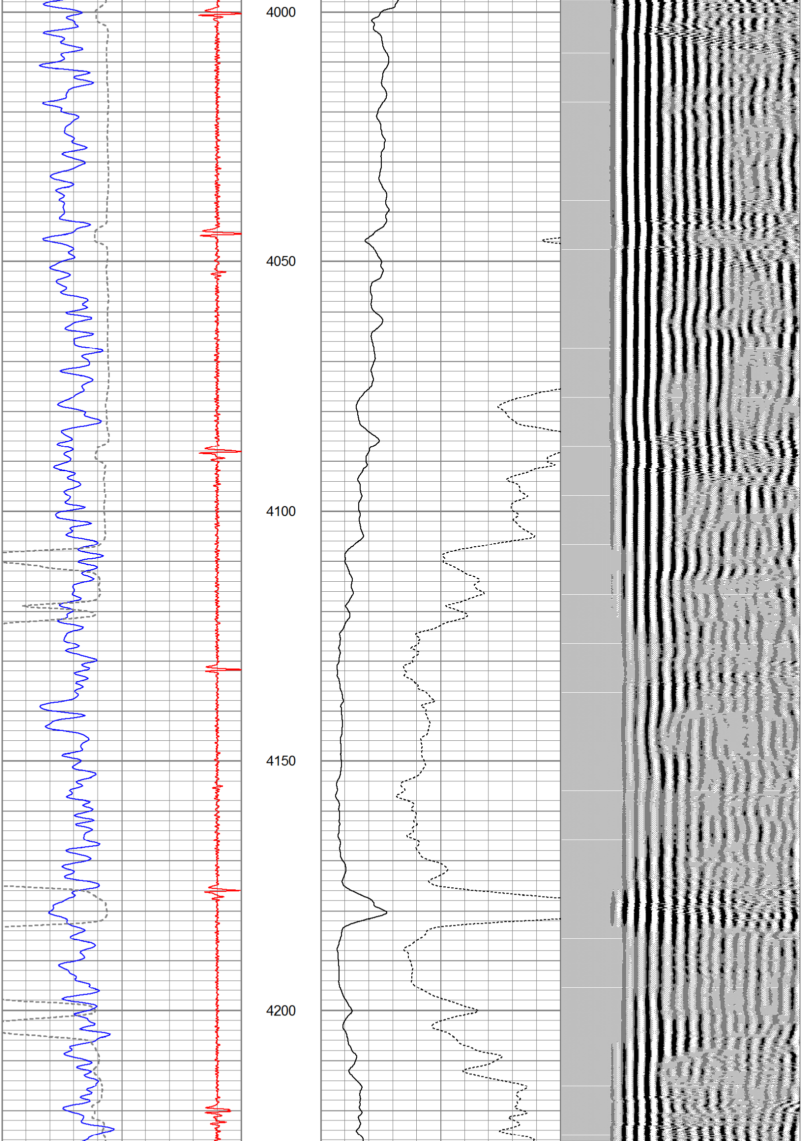
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

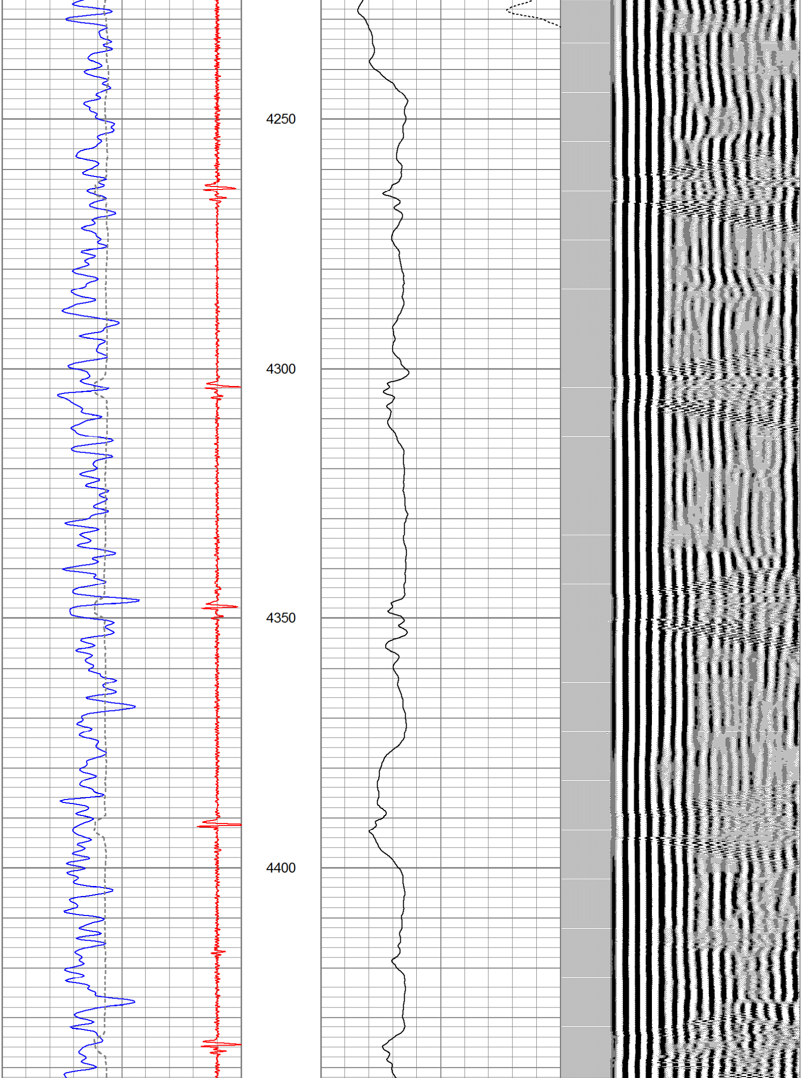
Comments

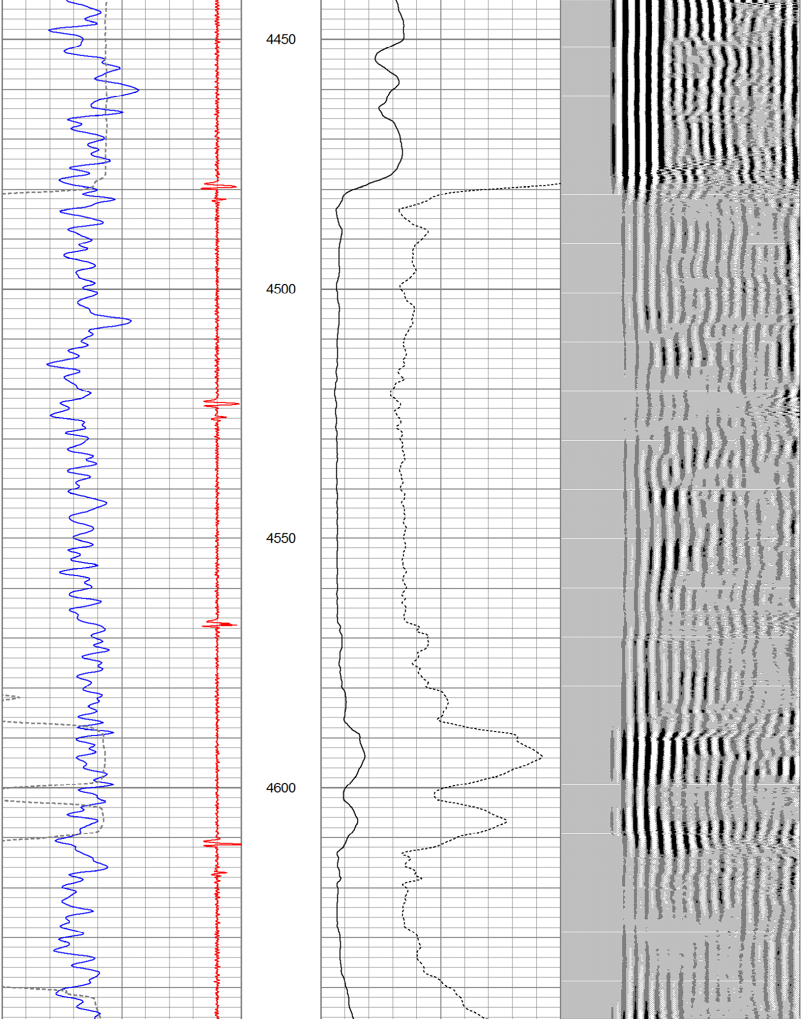
THANK YOU FOR CHOOSING CHS!!!!!
LOG NOT CORRELATED
SECOND WELL FROM THE NORTH OF AN 8 WELL PAD
N<O X O O O O O O O>S

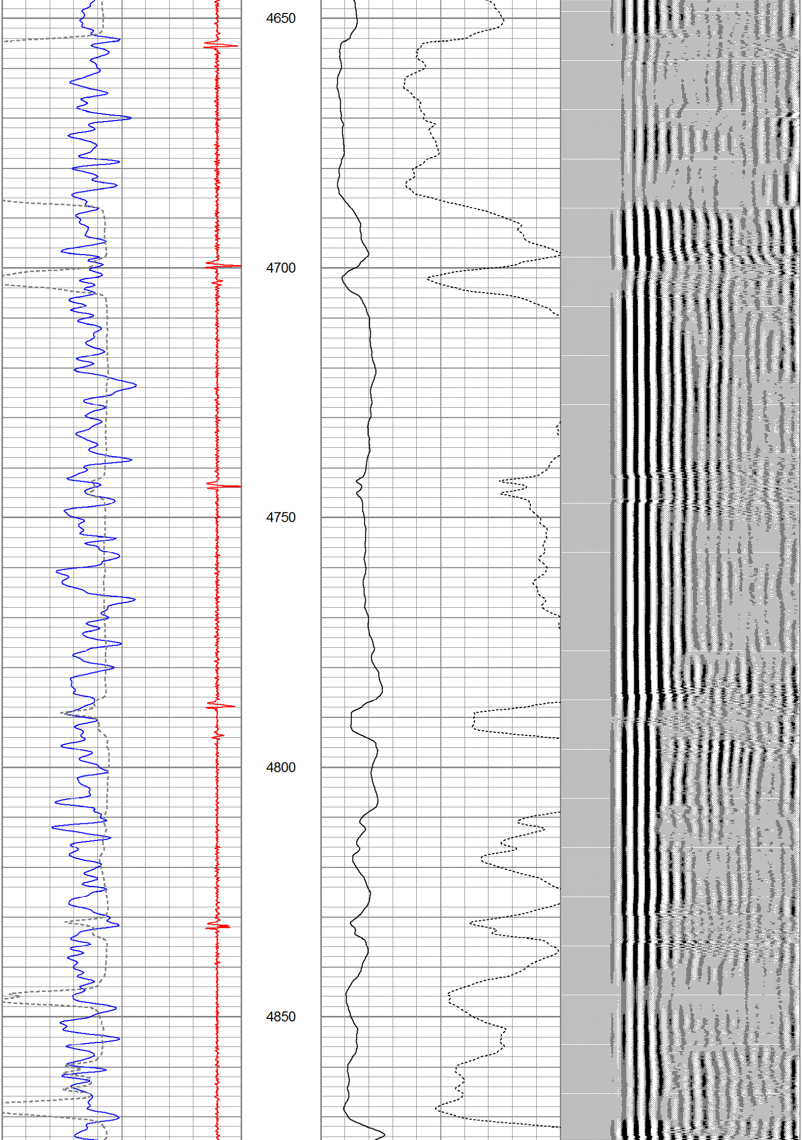
Database File:	cbl bayswater ktc farms b 35-36hc.db
Dataset Pathname:	pass2
Presentation Format:	sec 3-5
Dataset Creation:	Fri Oct 26 12:07:50 2018 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

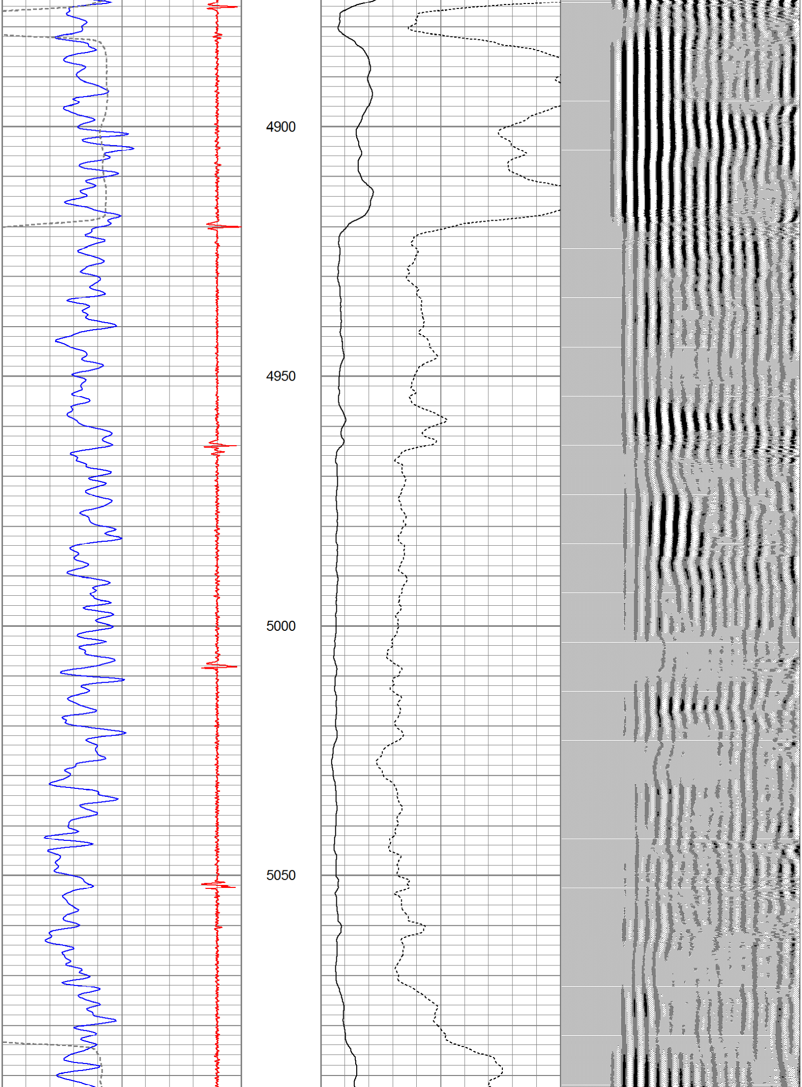


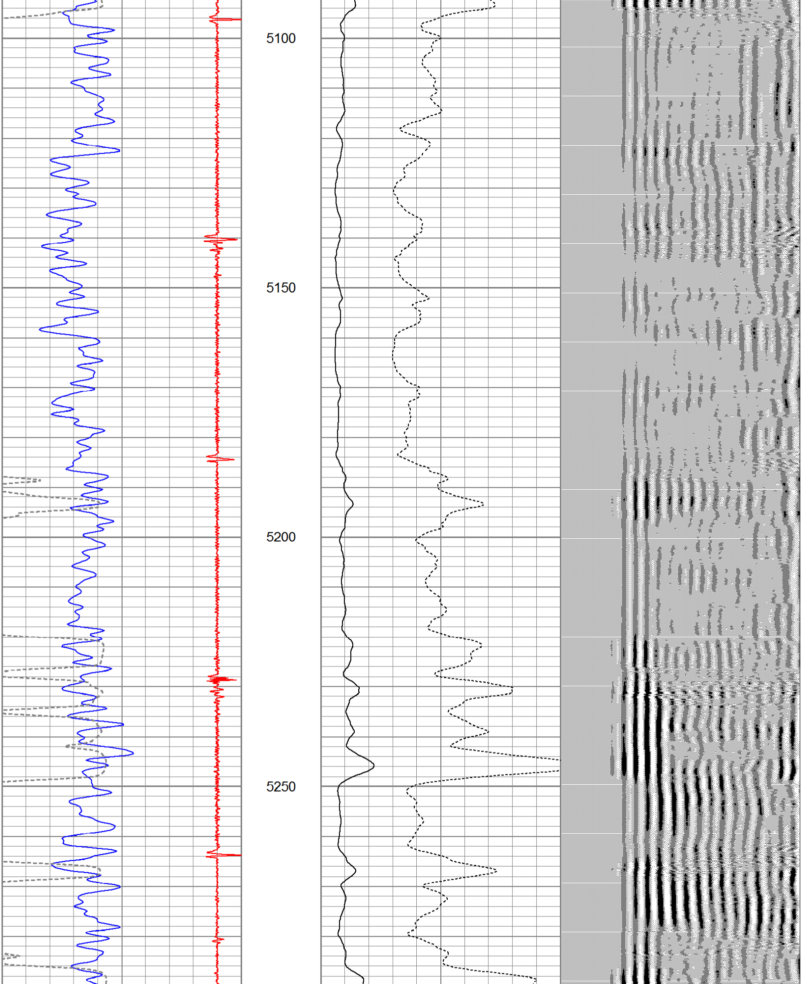


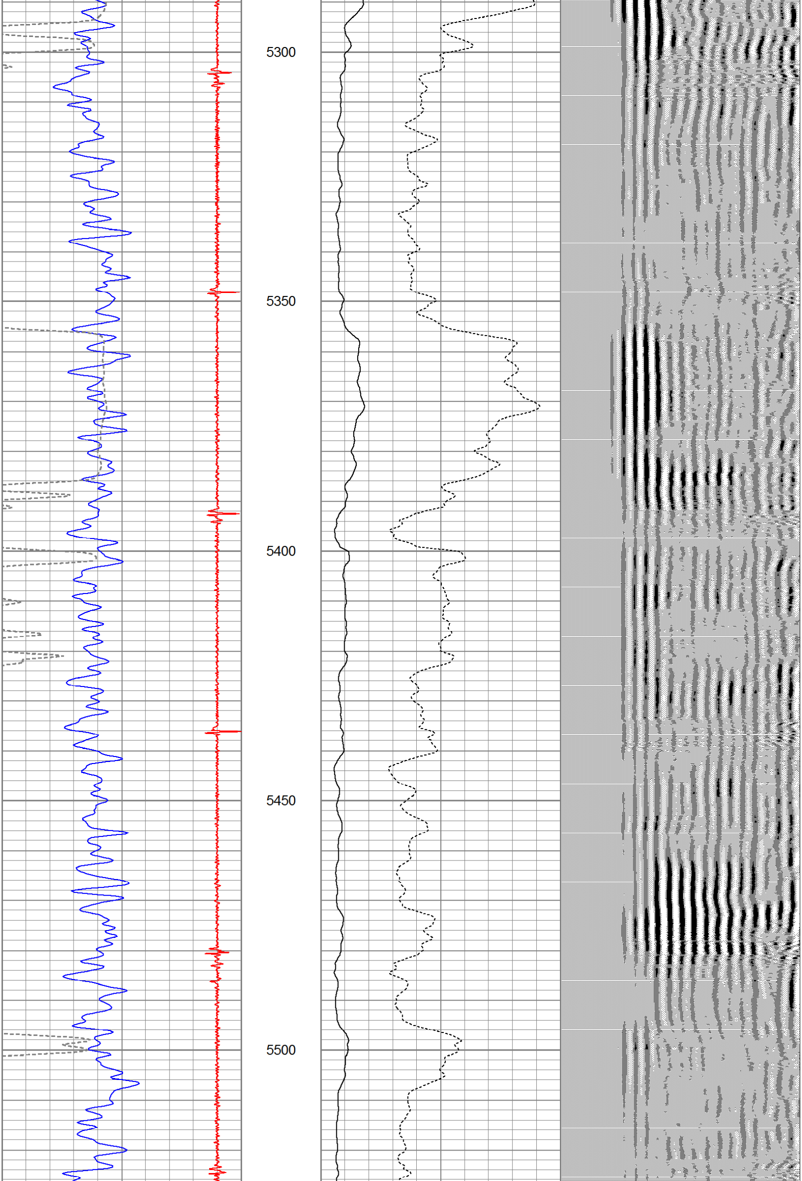


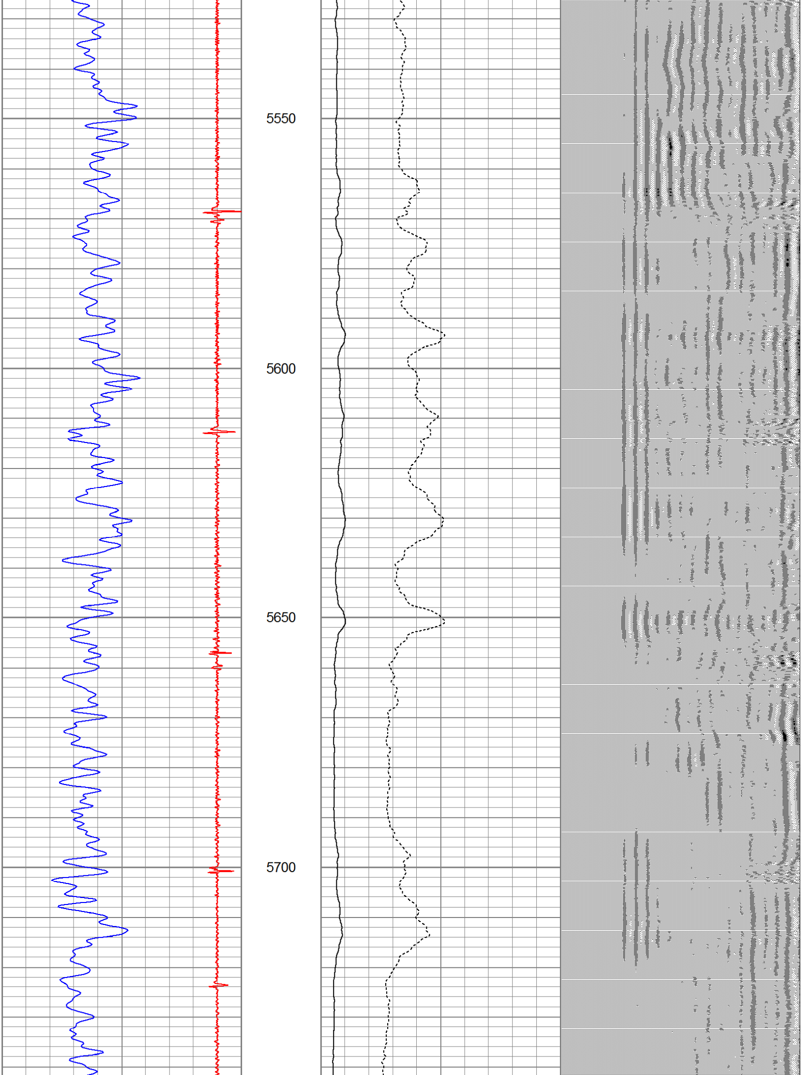


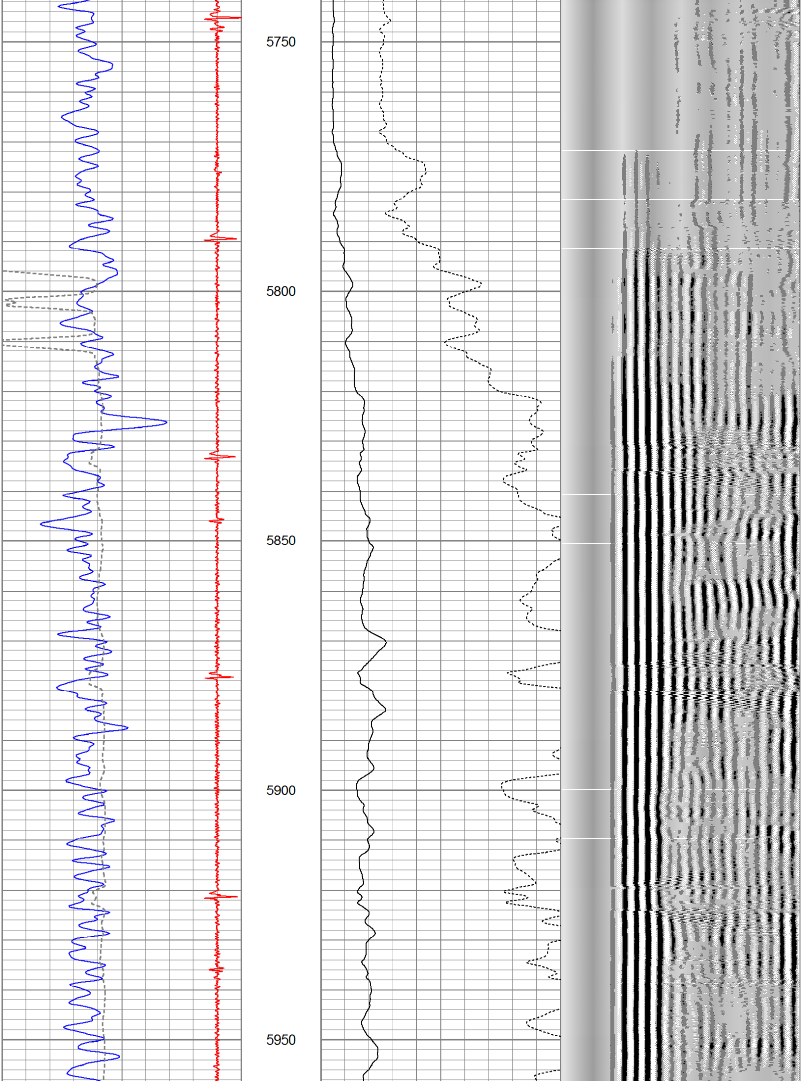


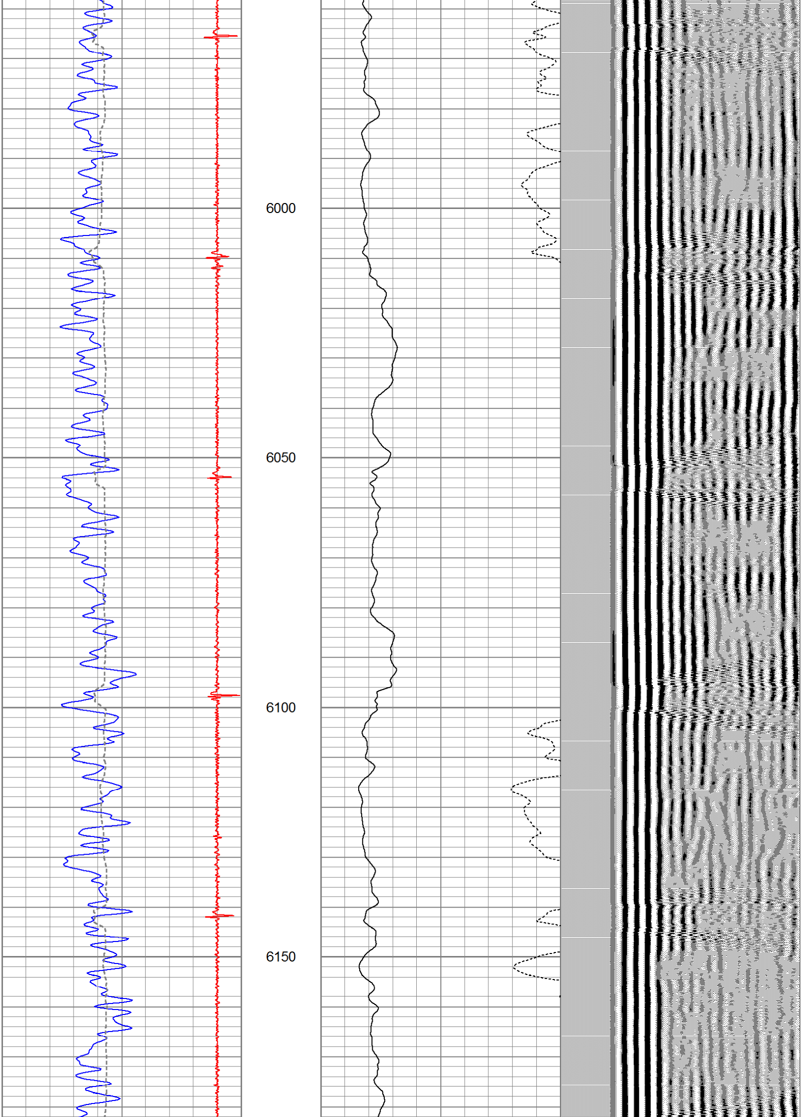


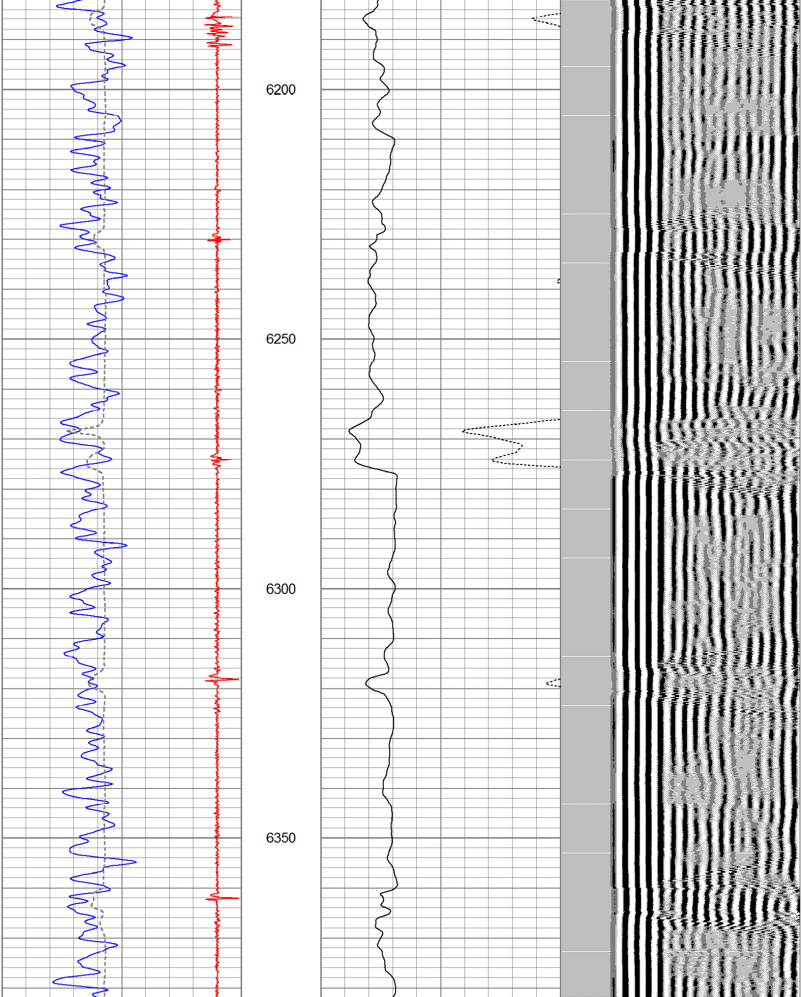


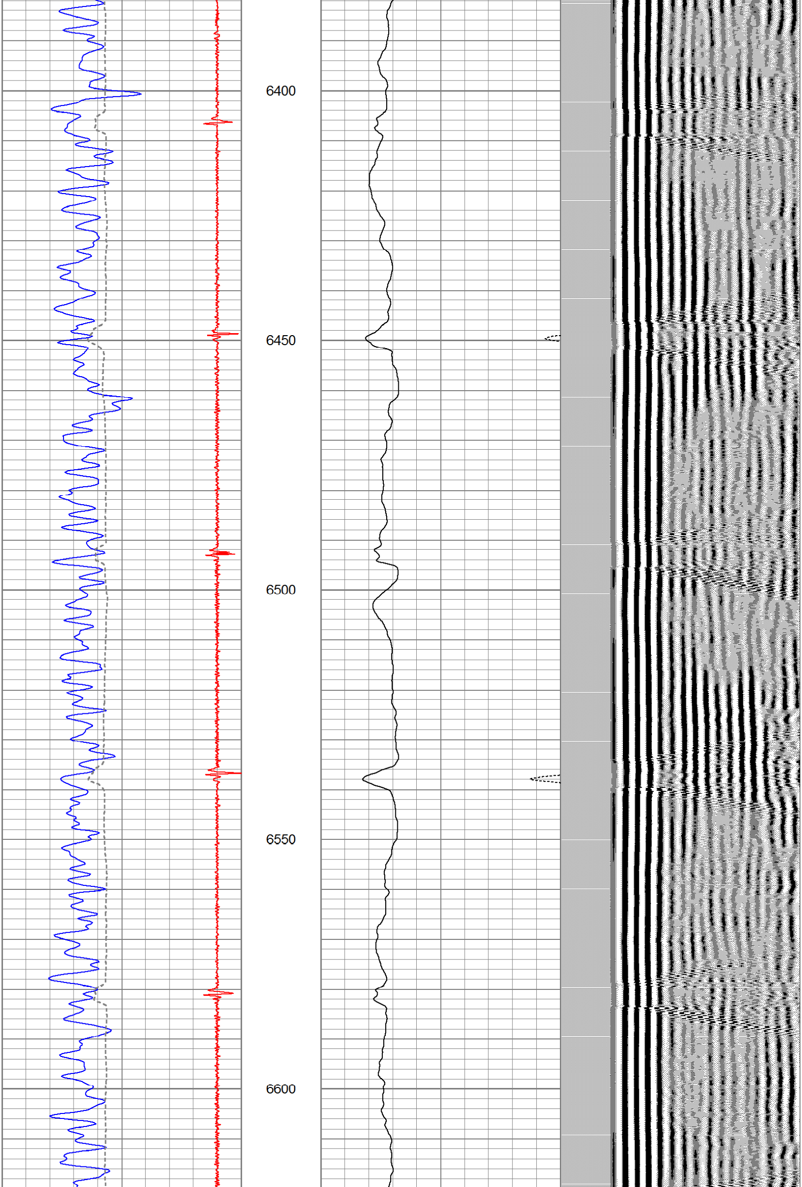


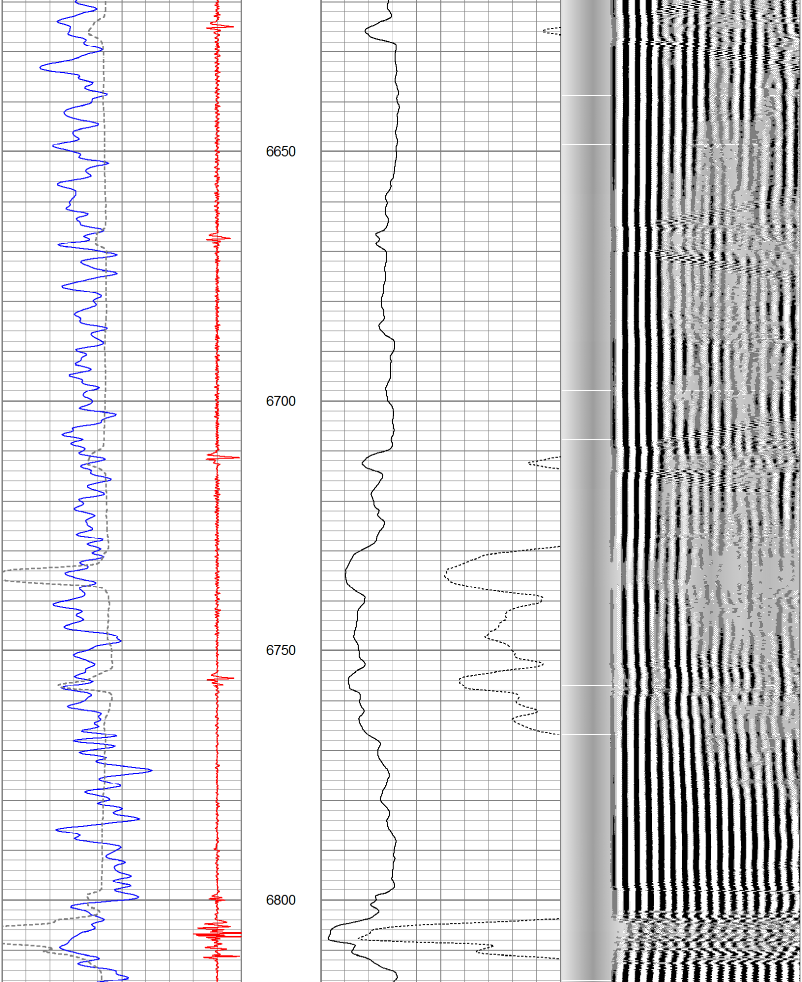


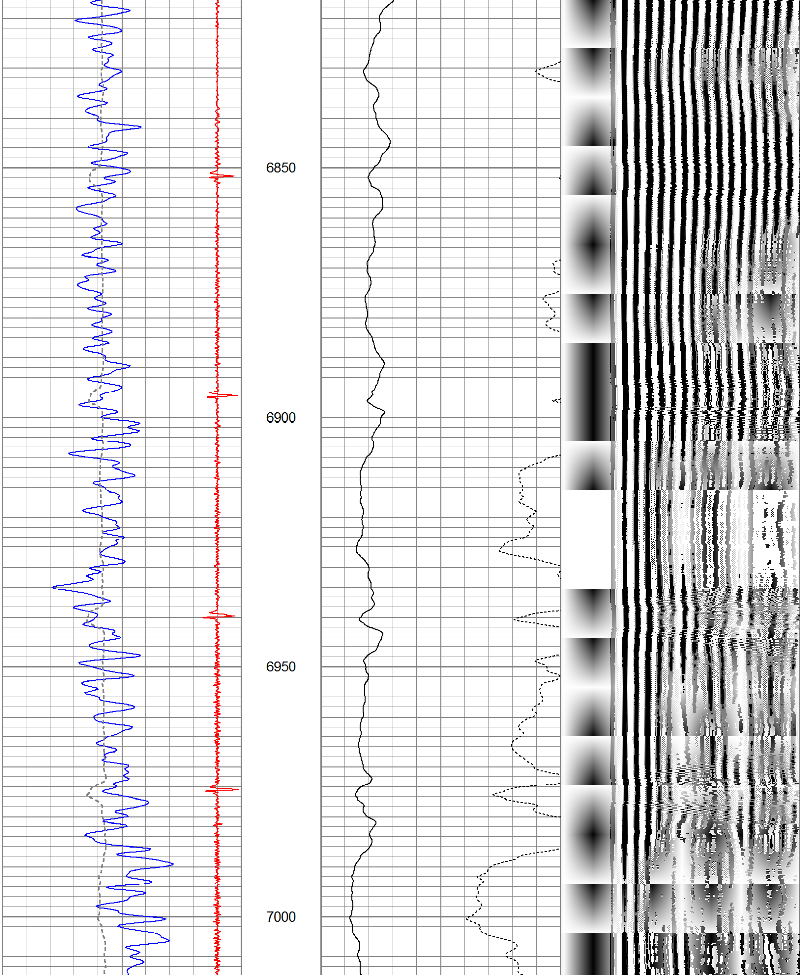


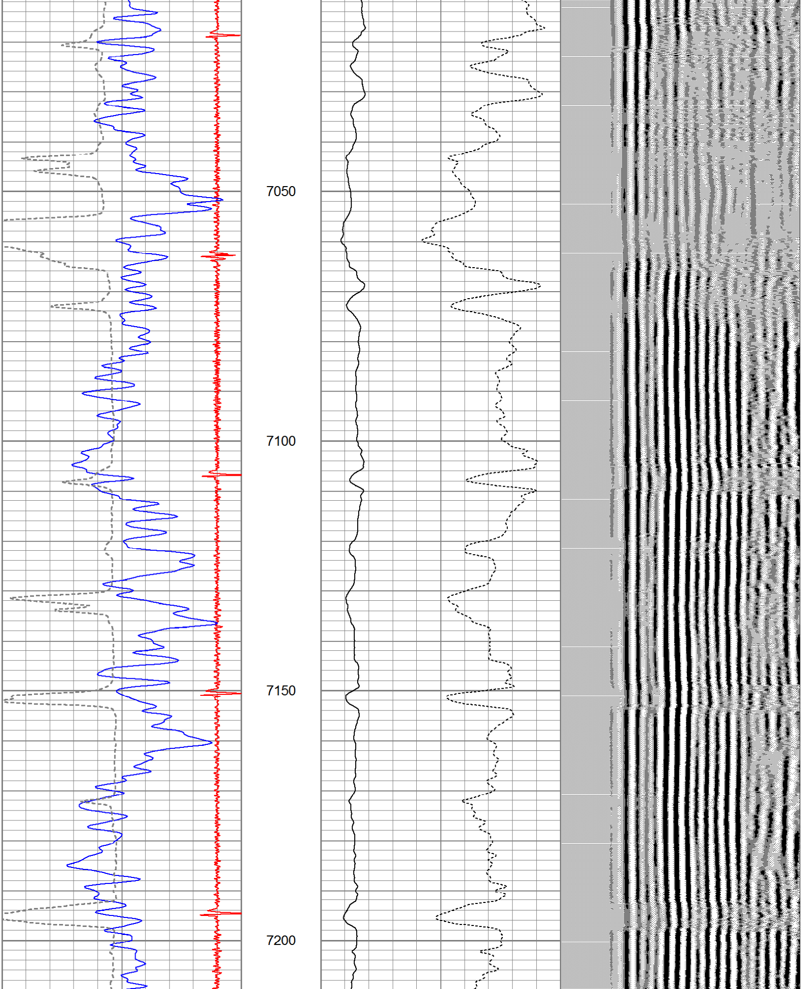


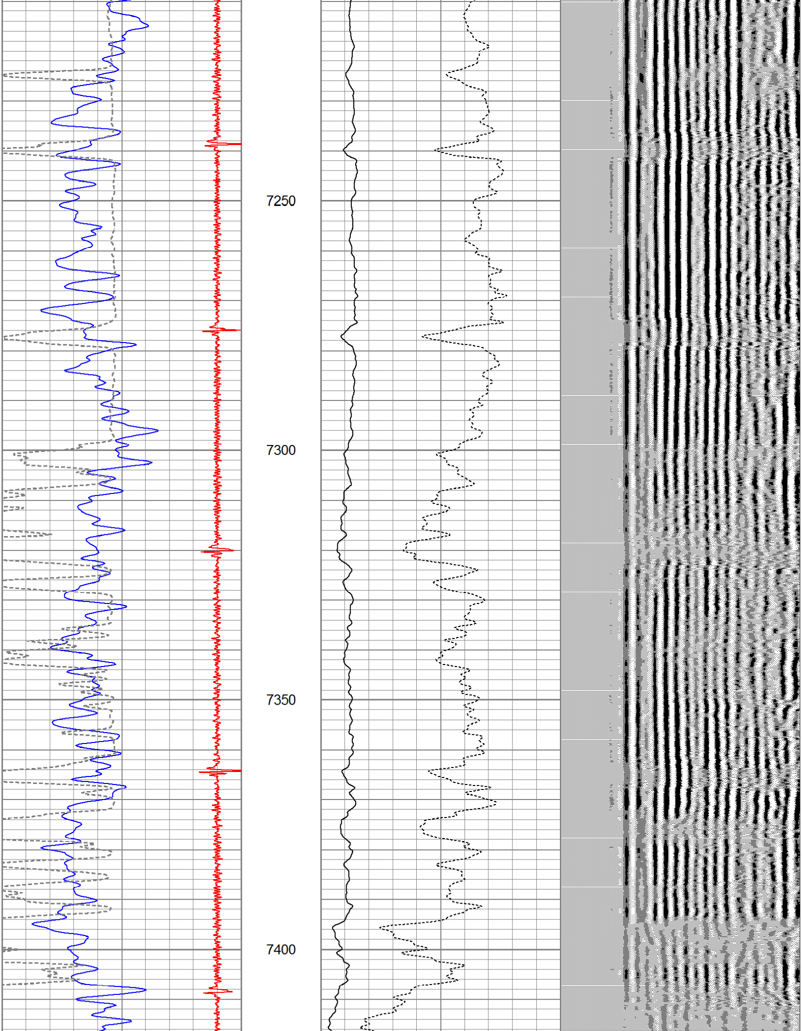


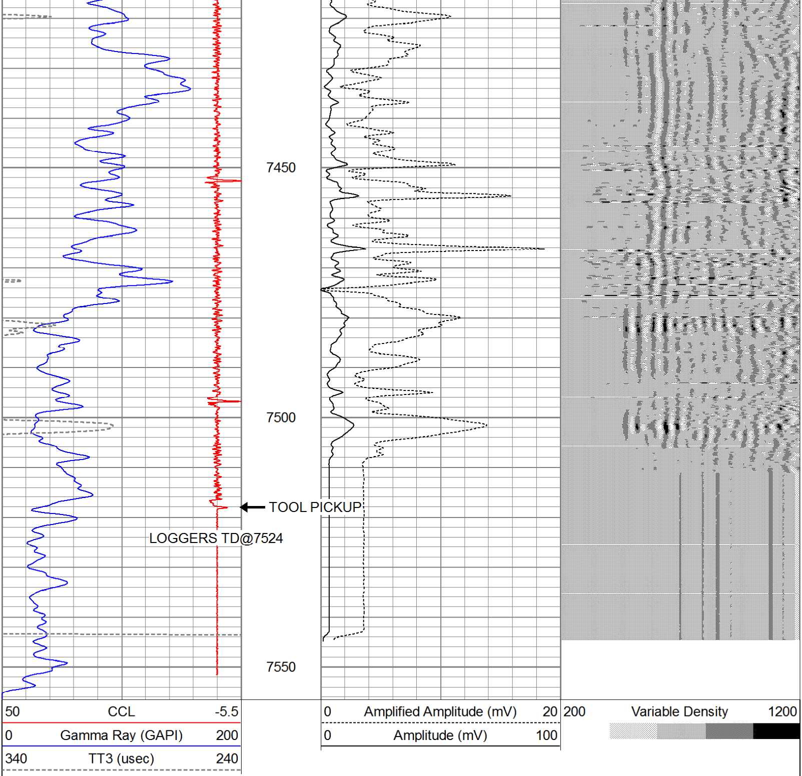












Calibration Report

Database File:	cbl bayswater ktc farms b 35-36hc.db
Dataset Pathname:	pass2
Dataset Creation:	Fri Oct 26 12:07:50 2018 by Log 7.0 B1

Gamma Ray Calibration Report

Type / Serial: Probe275dig / 110785

SHOP CALIBRATION Fri Oct 26 07:37:47 2018

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0				cps
		0.6800			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:	5.500	in
Calibration Depth:	399.725	ft

Master Calibration, performed Fri Oct 26 10:29:09 2018:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.006	1.508	1.500	71.921	46.894	1.196
CAL	0.007	0.487				
5'	0.007	1.450	1.500	71.921	48.828	1.143
SUM						
S1	0.007	1.628	0.000	71.196	43.942	-0.320
S2	0.007	1.610	0.000	71.196	44.436	-0.324
S3	0.007	1.536	0.000	71.196	46.567	-0.338

S4	0.007	1.507	0.000	71.196	47.466	-0.346
S5	0.007	1.522	0.000	71.196	47.000	-0.345
S6	0.007	1.505	0.000	71.196	47.550	-0.347
S7	0.007	1.509	0.000	71.196	47.409	-0.345
S8	0.007	1.574	0.000	71.196	45.435	-0.322

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	0.487	1.000	0.000

Air Zero Calibration, performed Fri Oct 26 11:45:02 2018:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.008	0.000	-0.002
5'	0.009	0.000	-0.002
SUM			
S1	0.018	0.000	-0.011
S2	0.008	0.000	-0.000
S3	0.008	0.000	-0.001
S4	0.009	0.000	-0.001
S5	0.008	0.000	-0.001
S6	0.008	0.000	-0.001
S7	0.008	0.000	-0.001
S8	0.008	0.000	-0.001