Cutters Wireline Service, Inc.
A Cased Hole Wireline Company

RADIAL CEMENT BOND LOG

Company	ANADARKO PETROELUM CORP
Well	CAVEY U24-2J
Field	WATTENBERG
County	WELD
State	CO

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Well	CAVEY U24-2J		
Field	WATTENBERG		
County	WELD	State	CO

Location: API # : 0512315598

1650' FNL & 1650' FWL SENW
40.126855 / -104.955076
SEC 24 TWP 2N RGE 68W

Other Services
CIBP

Permanent Datum	GROUND LEVEL	Elevation	4961'
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4972'
D.F. 4971'
G.L. 4961'

Date	21 APRIL 2021		
Run Number	1		
Depth Driller	8140'		
Depth Logger	6002'		
Bottom Logged Interval	6000'		
Top Log Interval	SURFACE		
Open Hole Size	8.625"		
Type Fluid	WATER		
Density / Viscosity	8.3 #		
Max. Recorded Temp.	185 F		
Estimated Cement Top	SEE LOG		
Time Well Ready	ROA		
Time Logger on Bottom	13:30		
Equipment Number	8045		
Location	WINDSOR, CO		
Recorded By	SCHUMAN		
Witnessed By	MR D GOMEZ		

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8.625"	24#	SURFACE	560'
Prot. String				
Production String	4.5"	11.6#	SURFACE	8125'
Liner				

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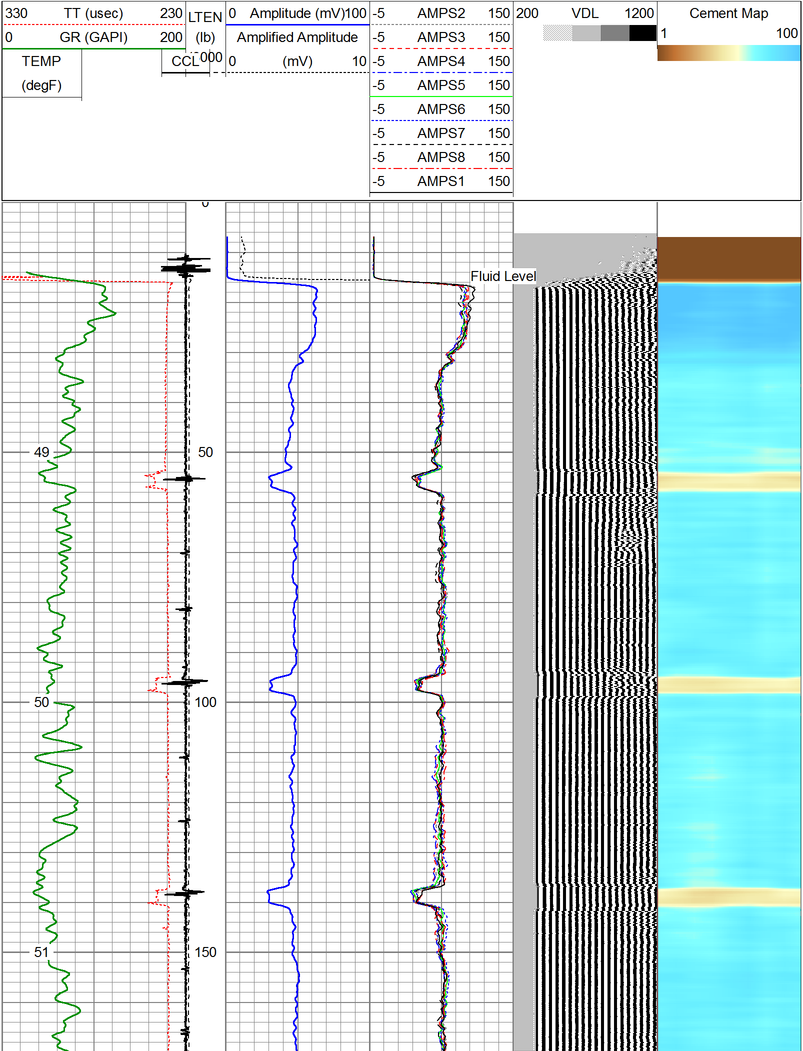
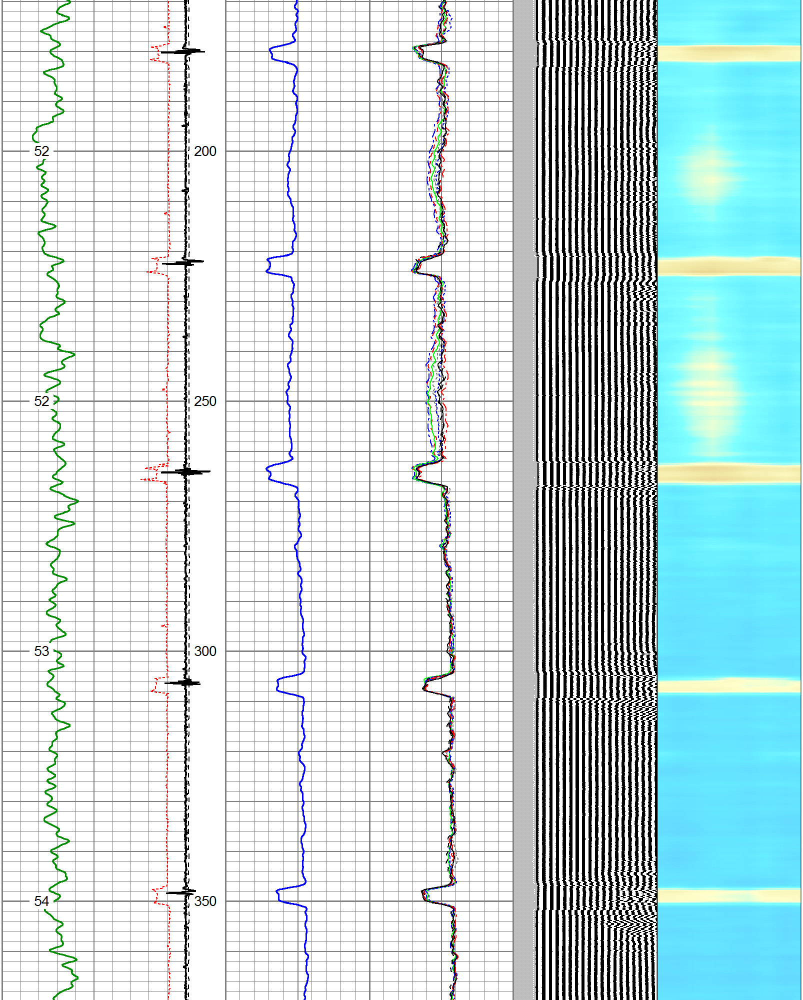
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

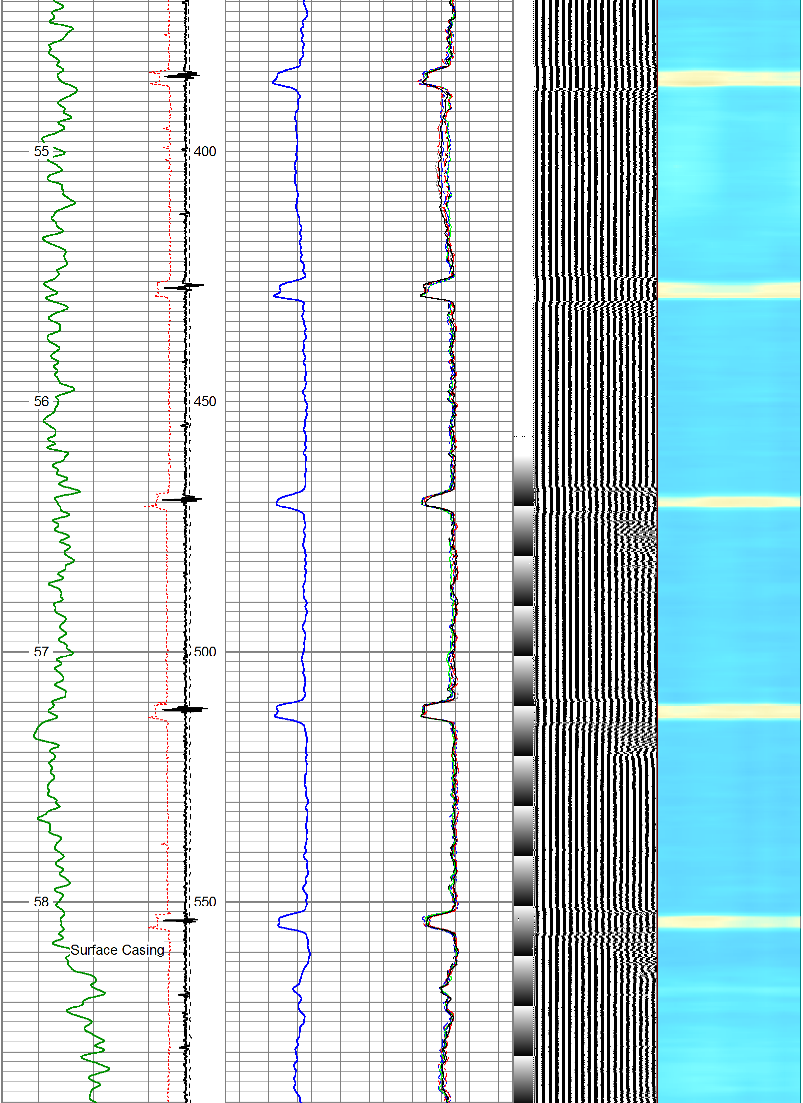
Comments

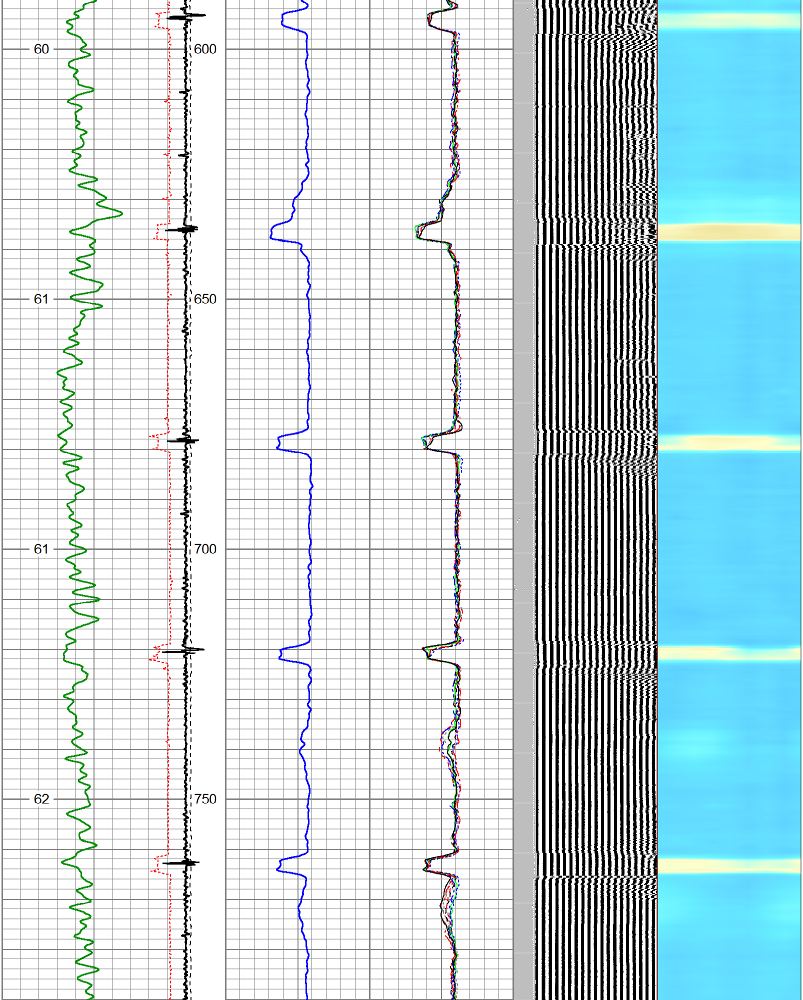
CORRELATED TO KB.
500 PSI APPLIED AT SURFACE.
TOOL CALIBRATION AT 3492'
THANK YOU FOR USING CUTTERS WIRELINE SERVICE!

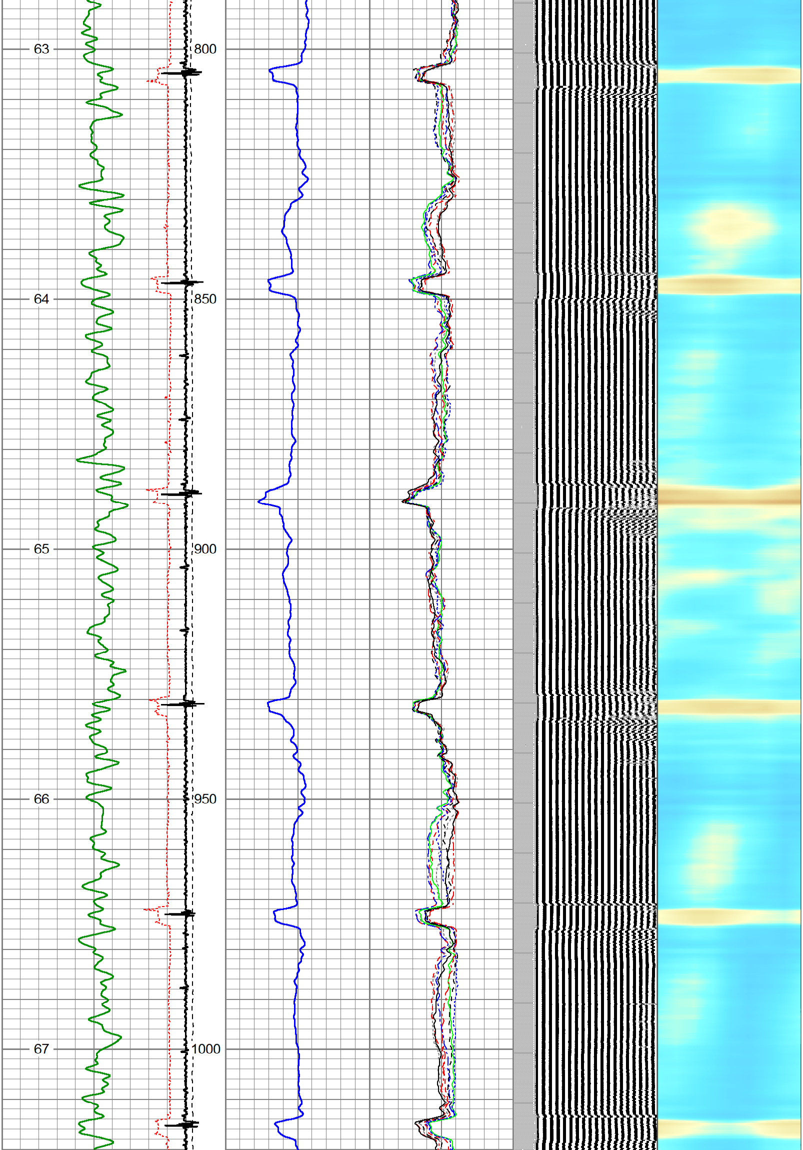
Database File: cavey u24-2j.db
Dataset Pathname: cbl/pass7.2
Presentation Format: rbl55
Dataset Creation: Wed Apr 21 15:09:31 2021 by Calc 7.0 B1
Charted by: Depth in Feet scaled 1:240

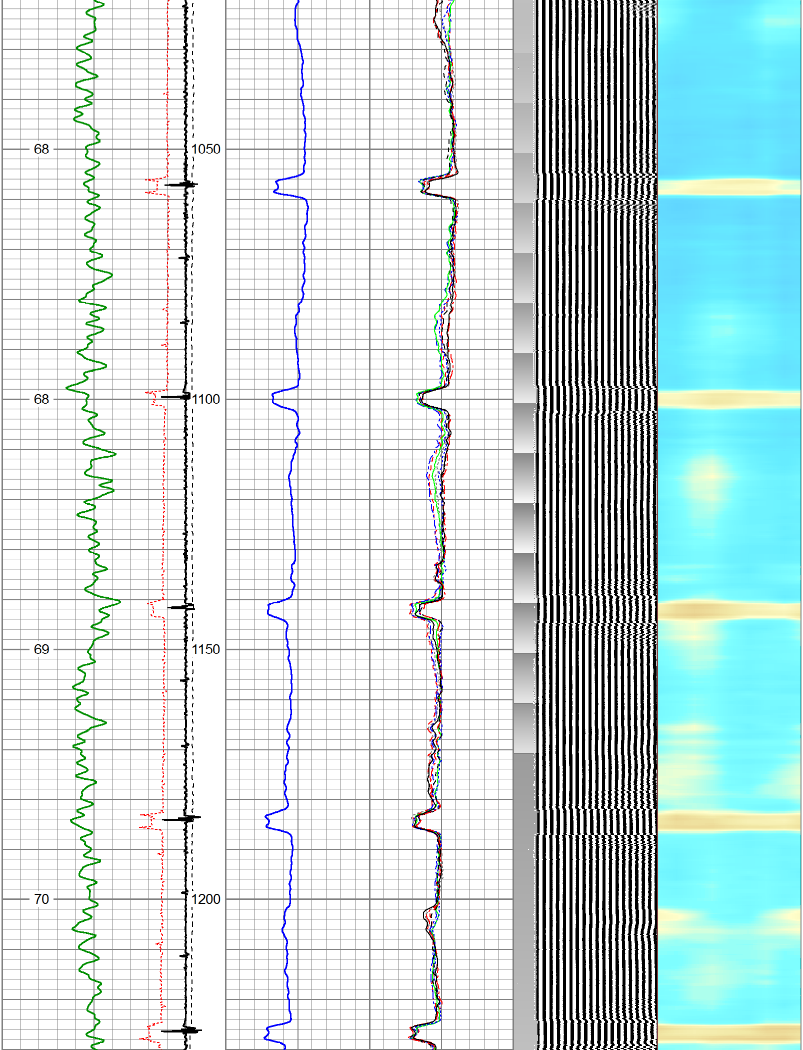


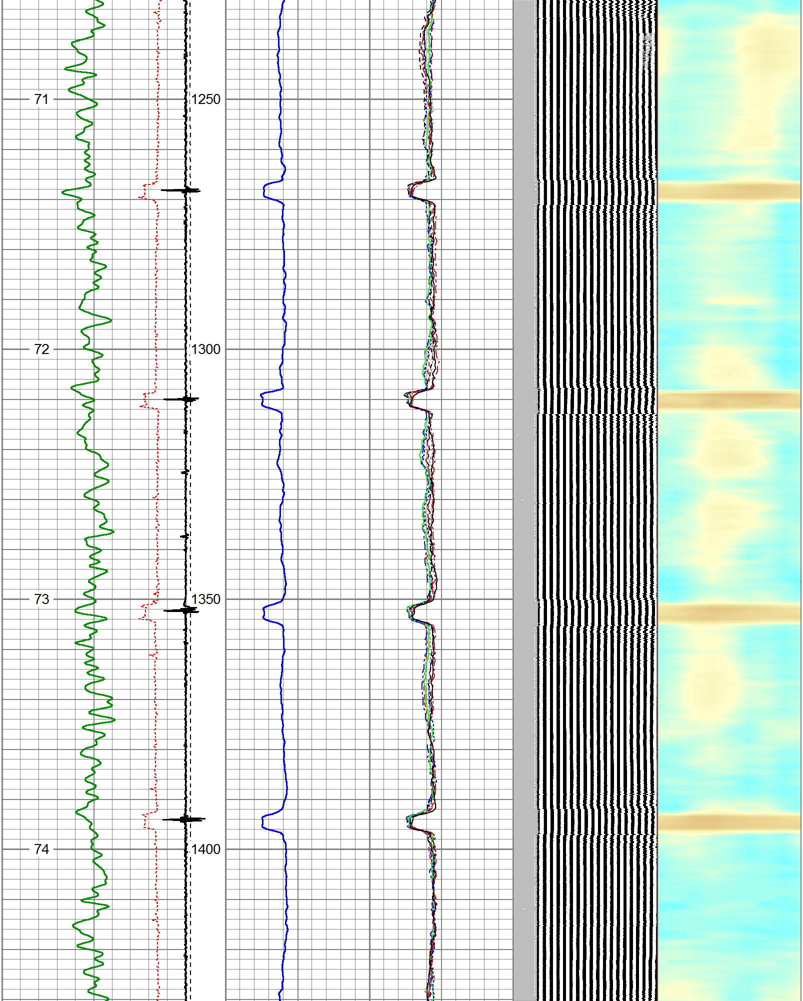


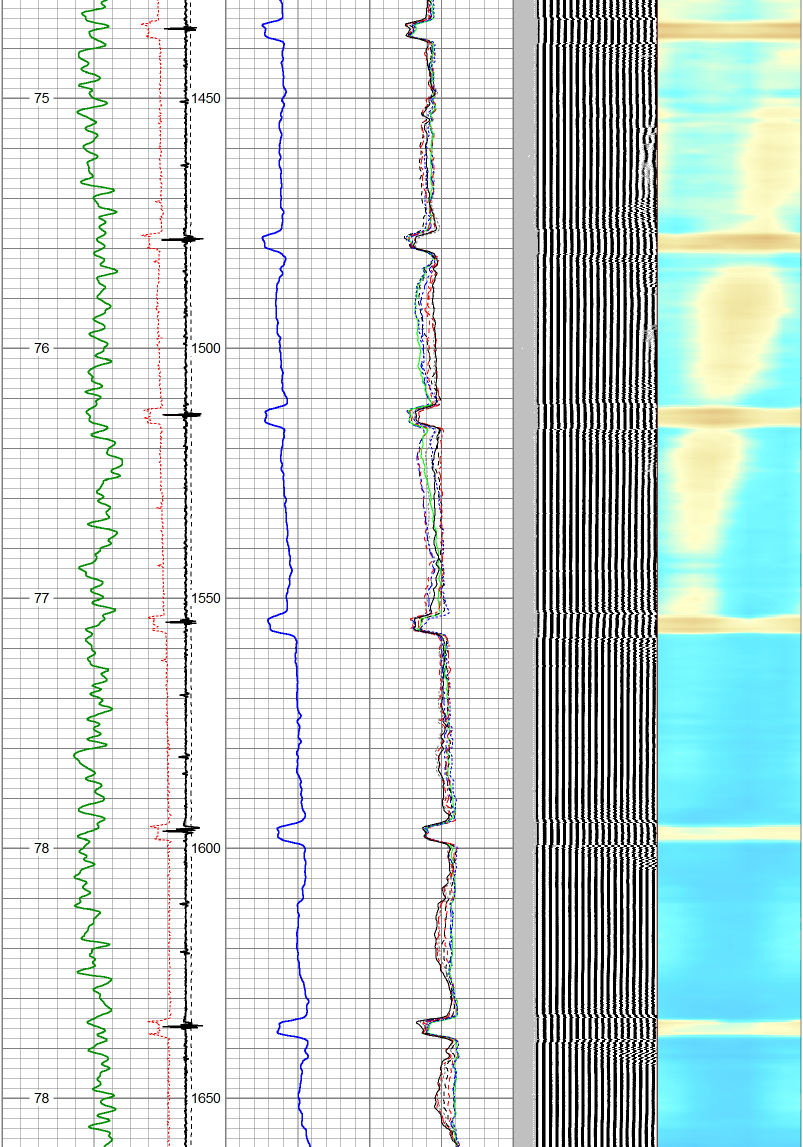


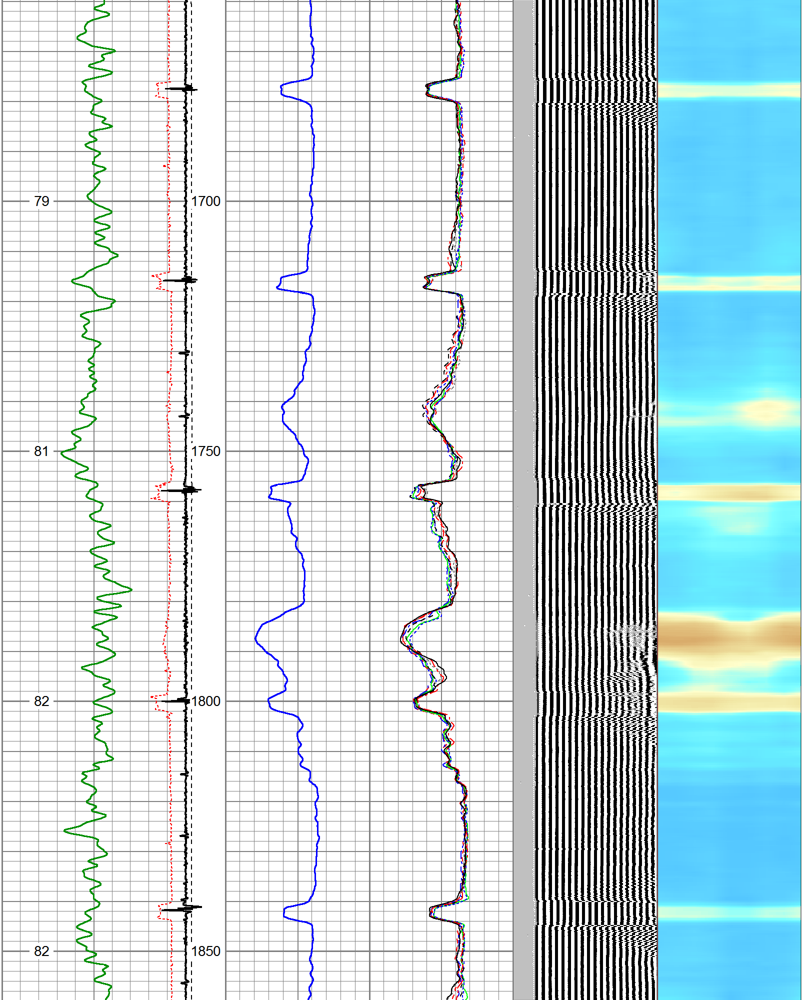


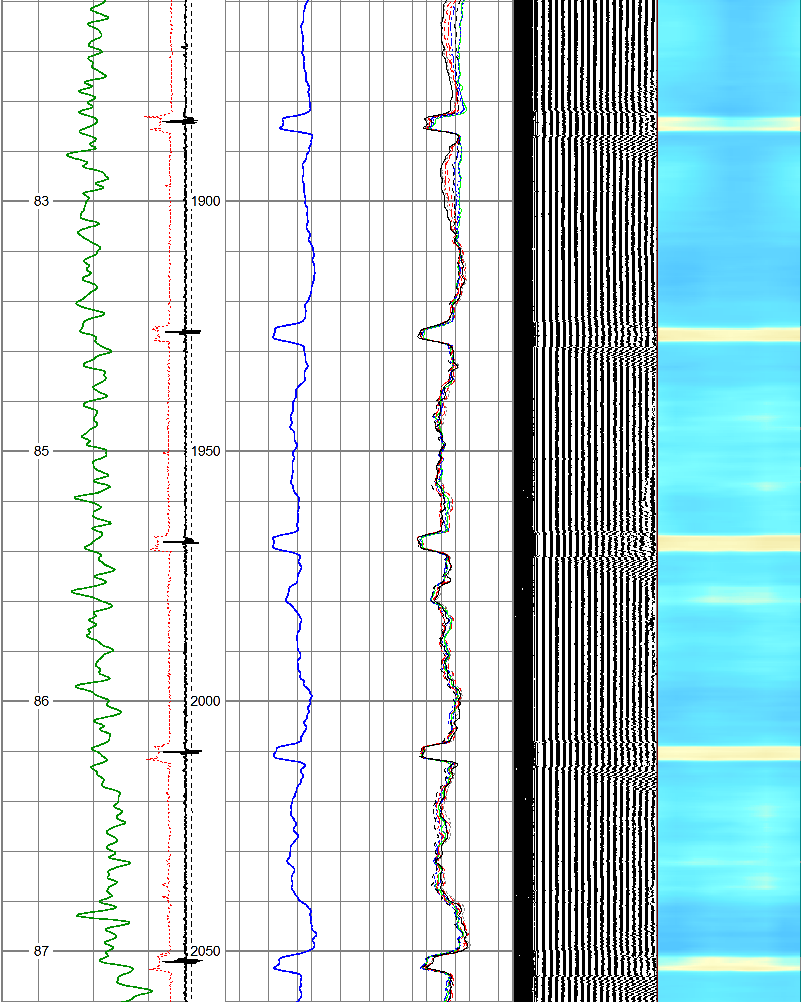


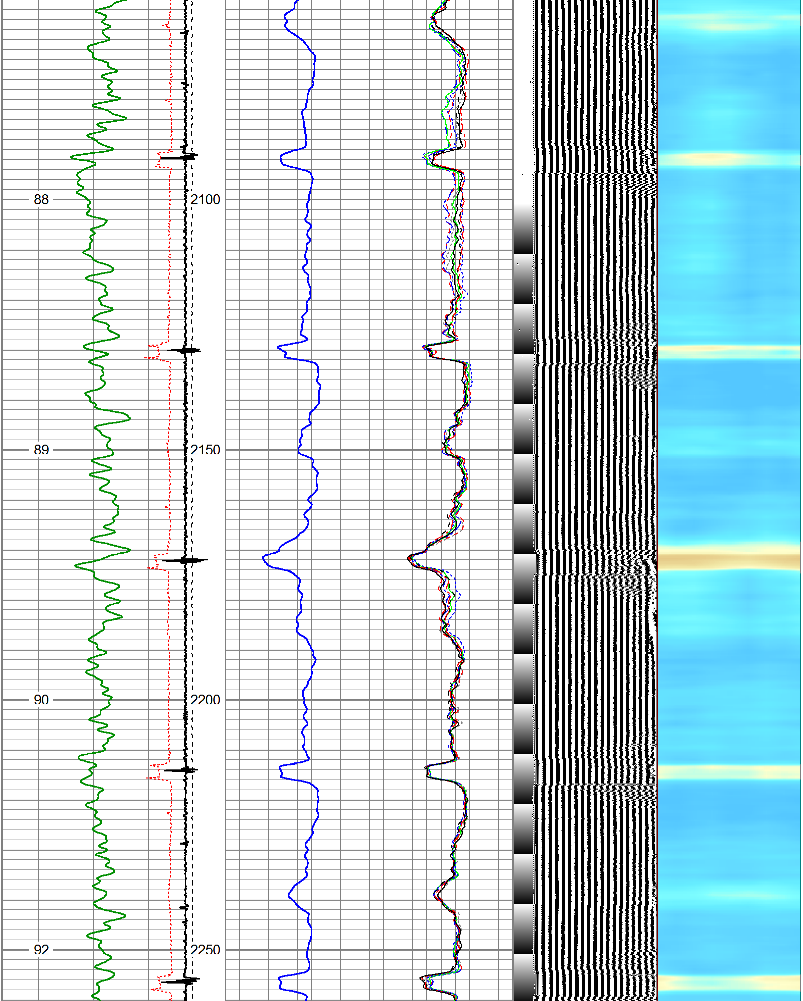


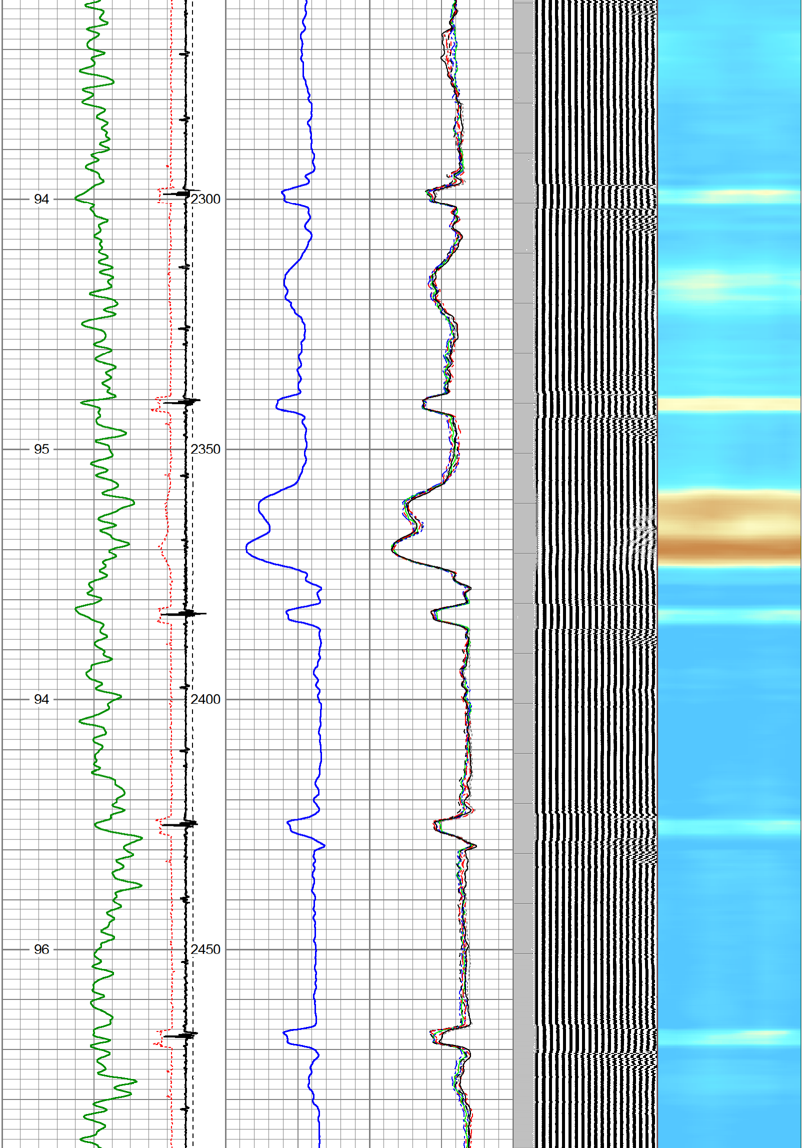


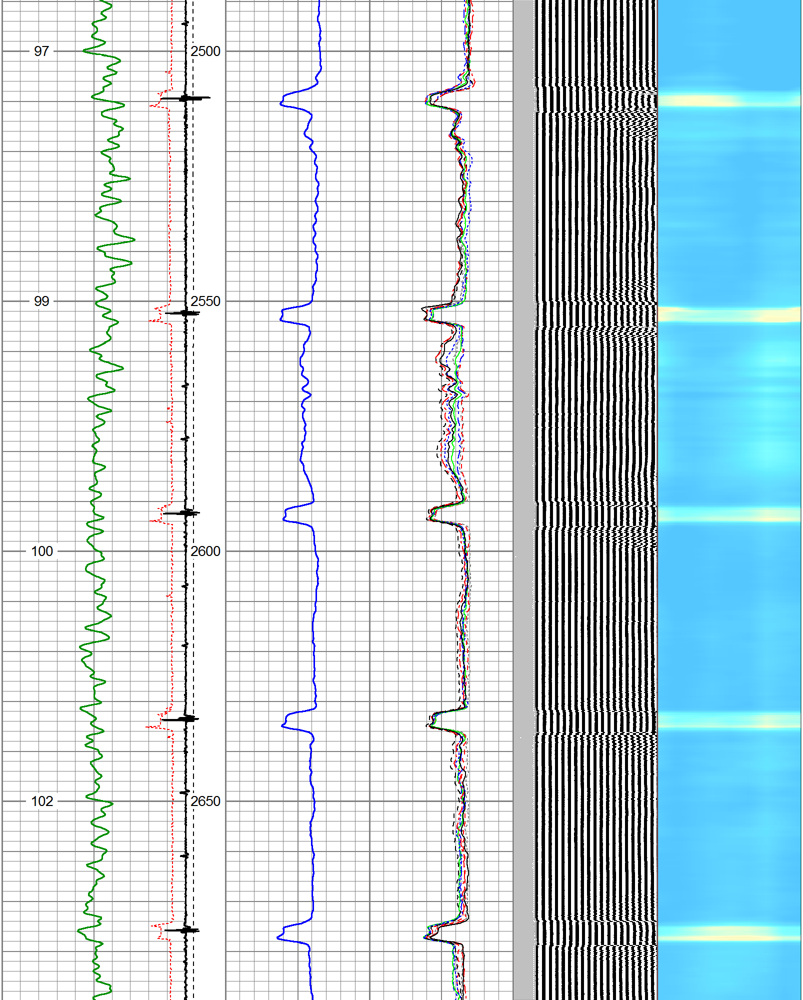


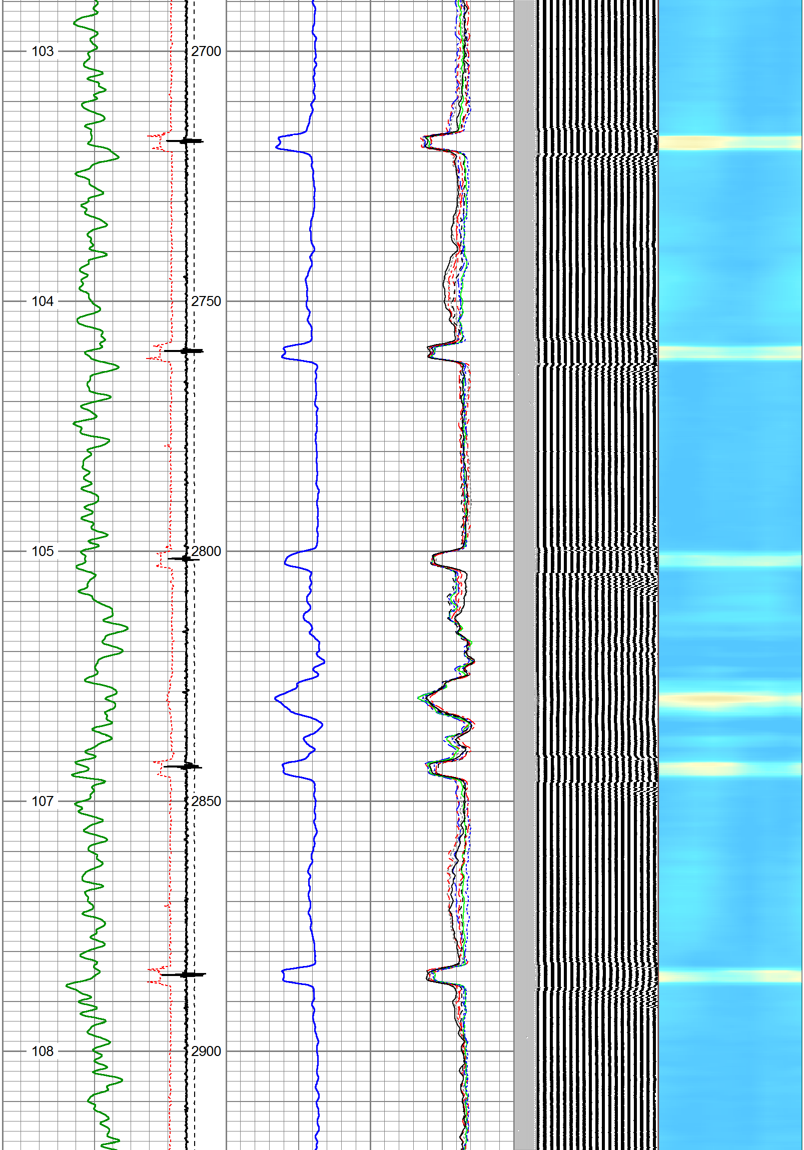


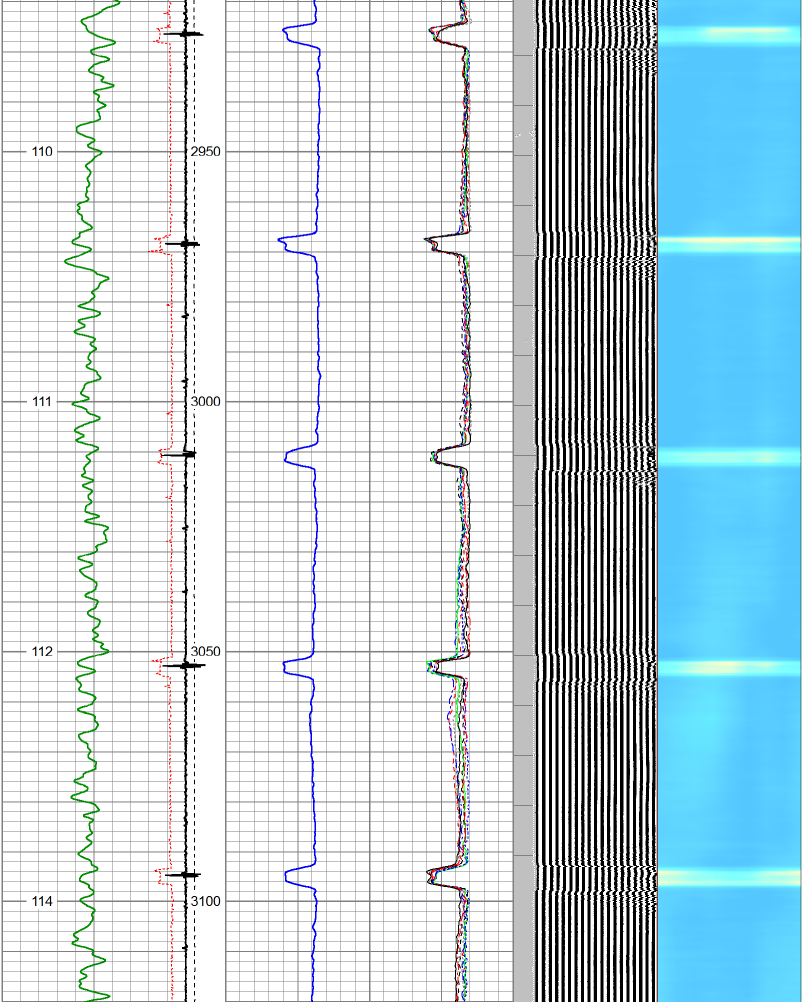


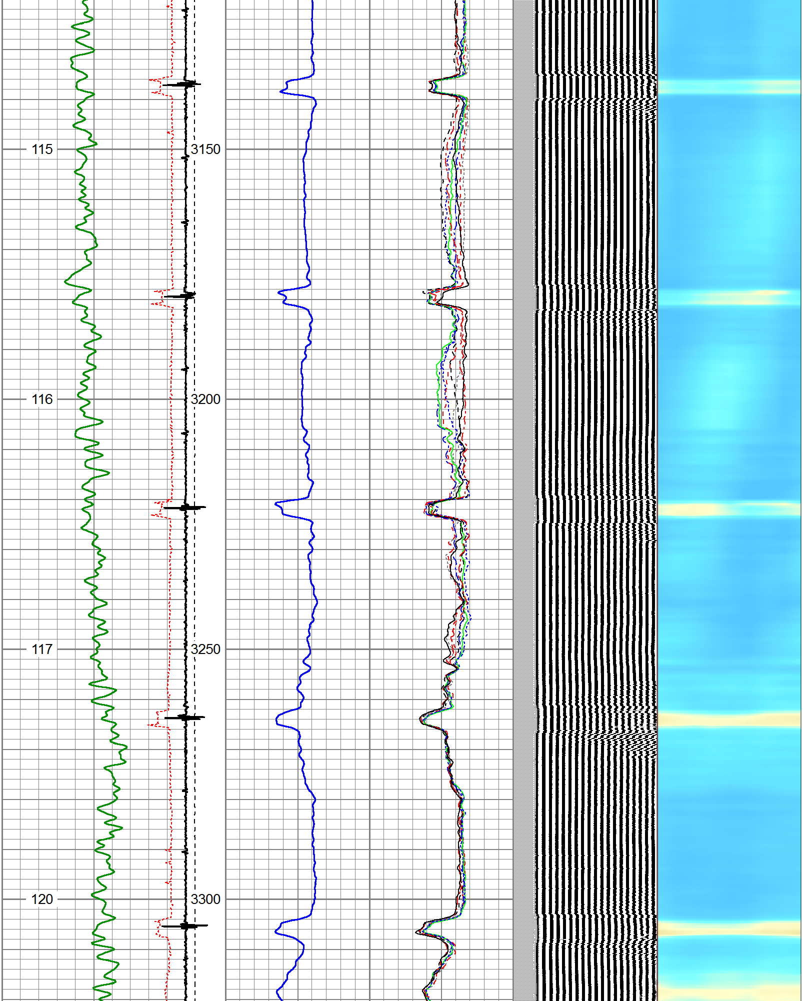


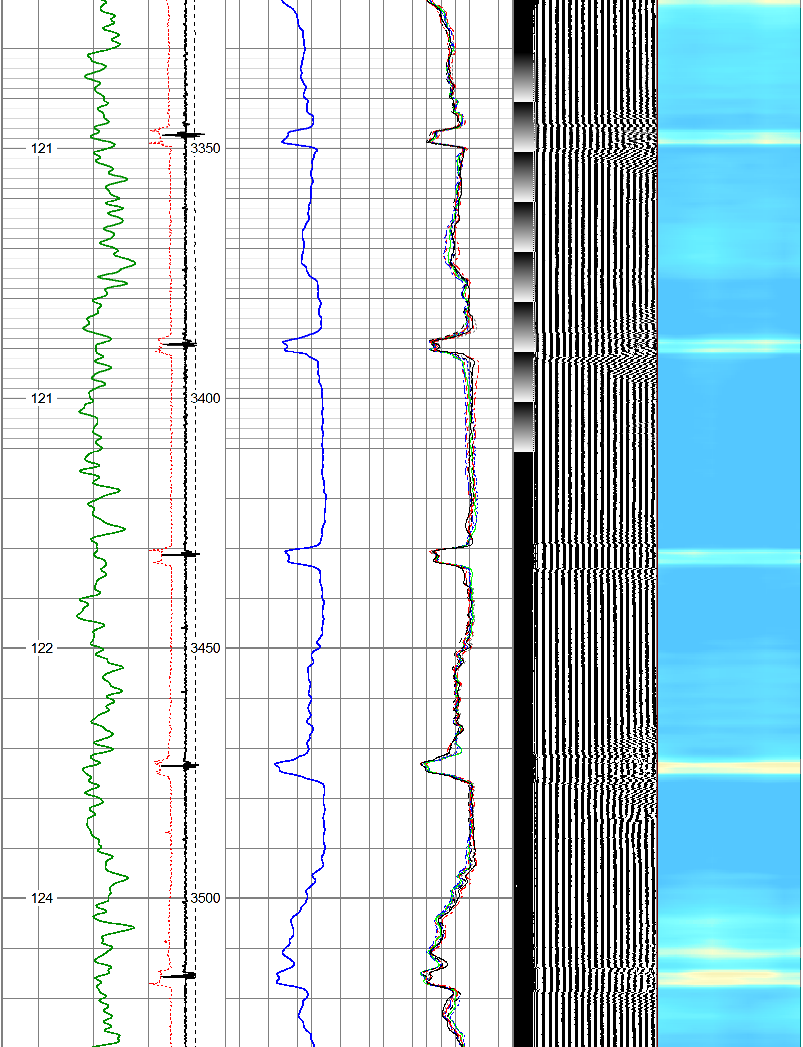


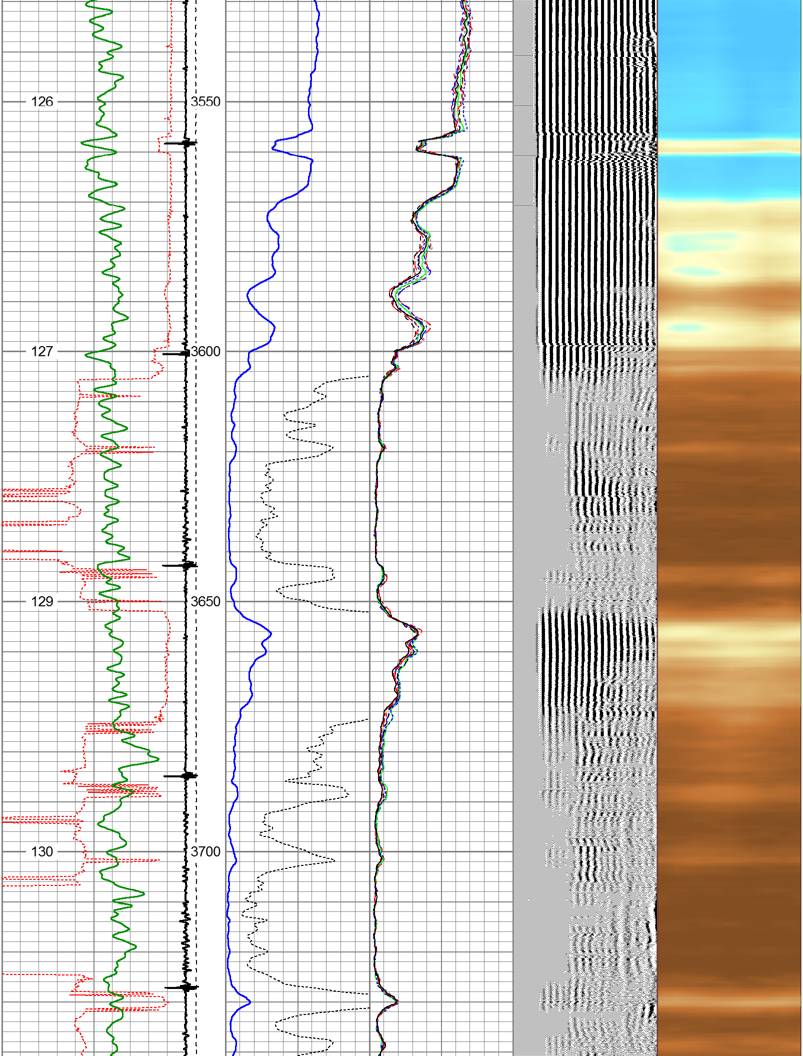


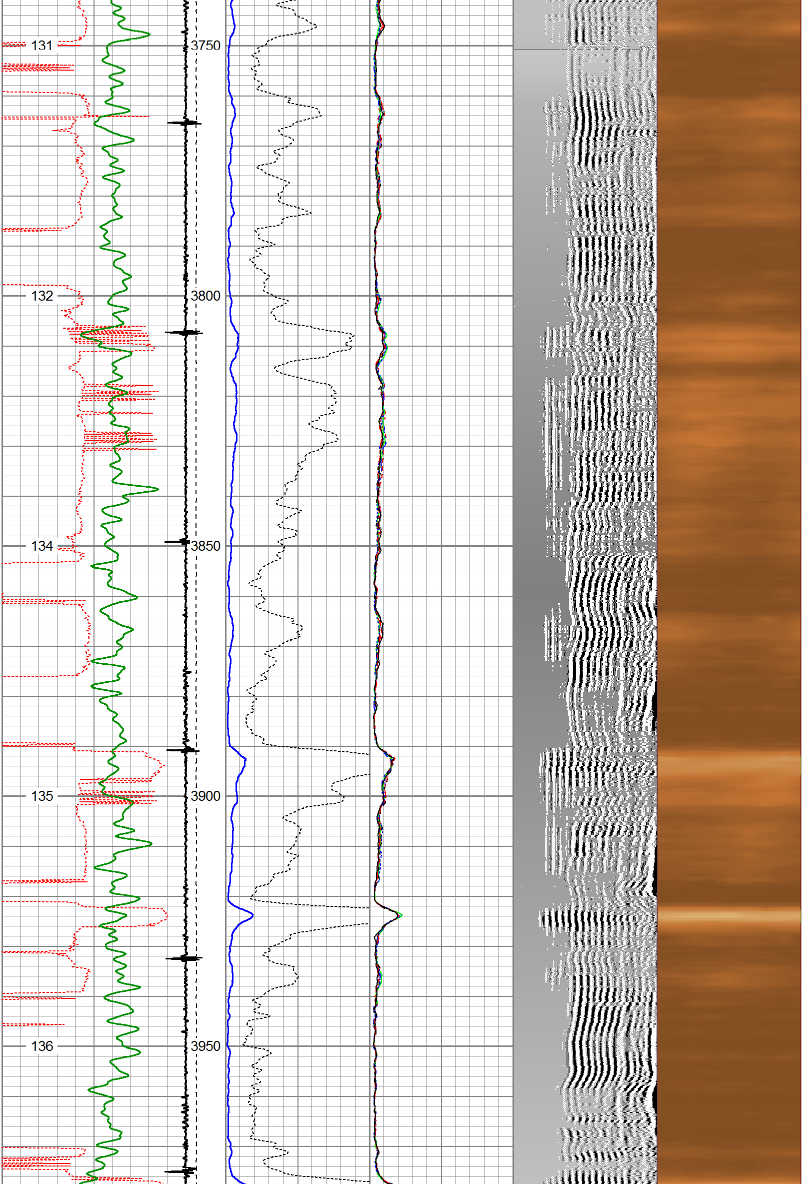


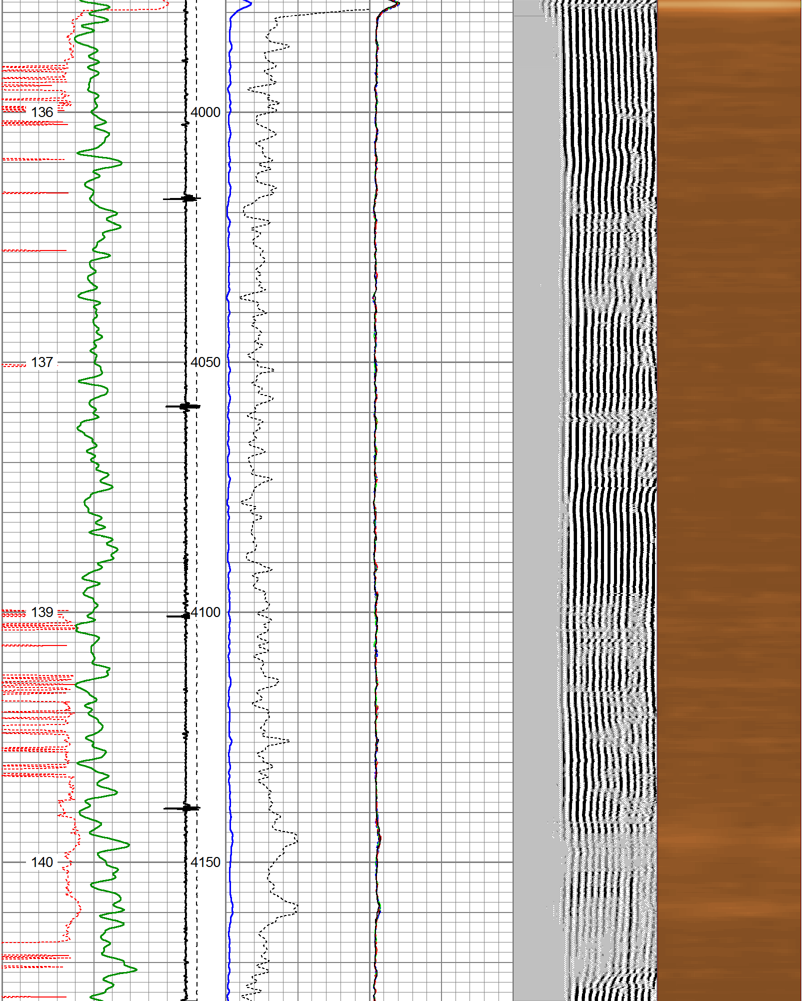


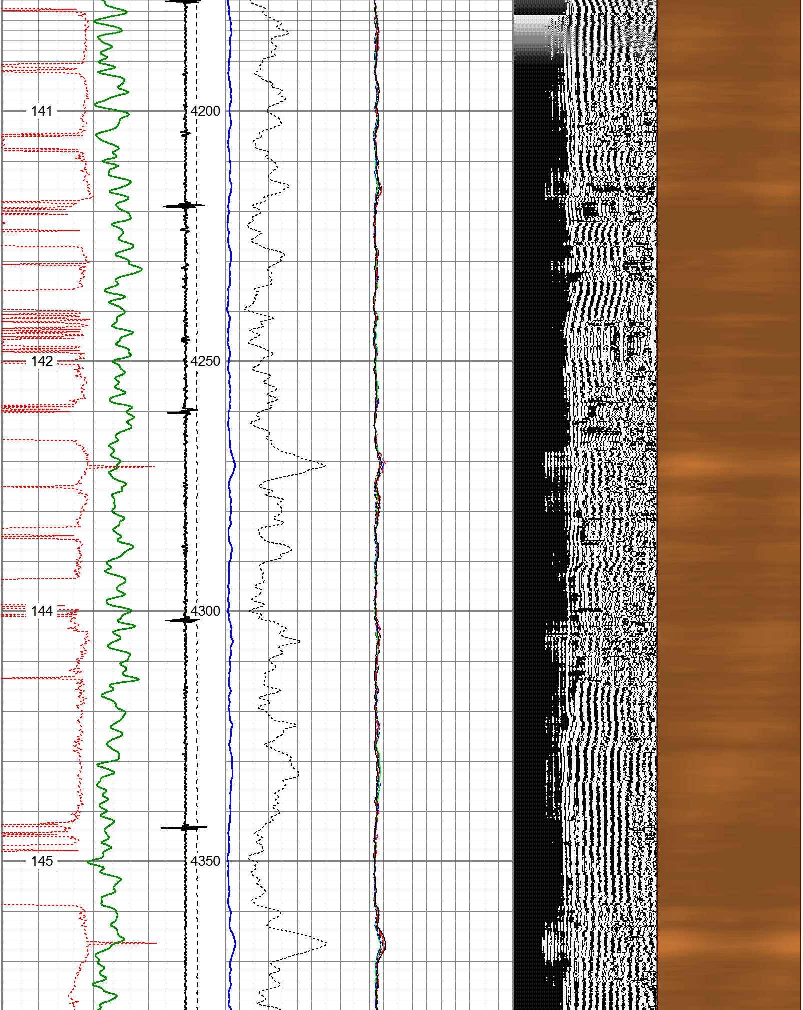


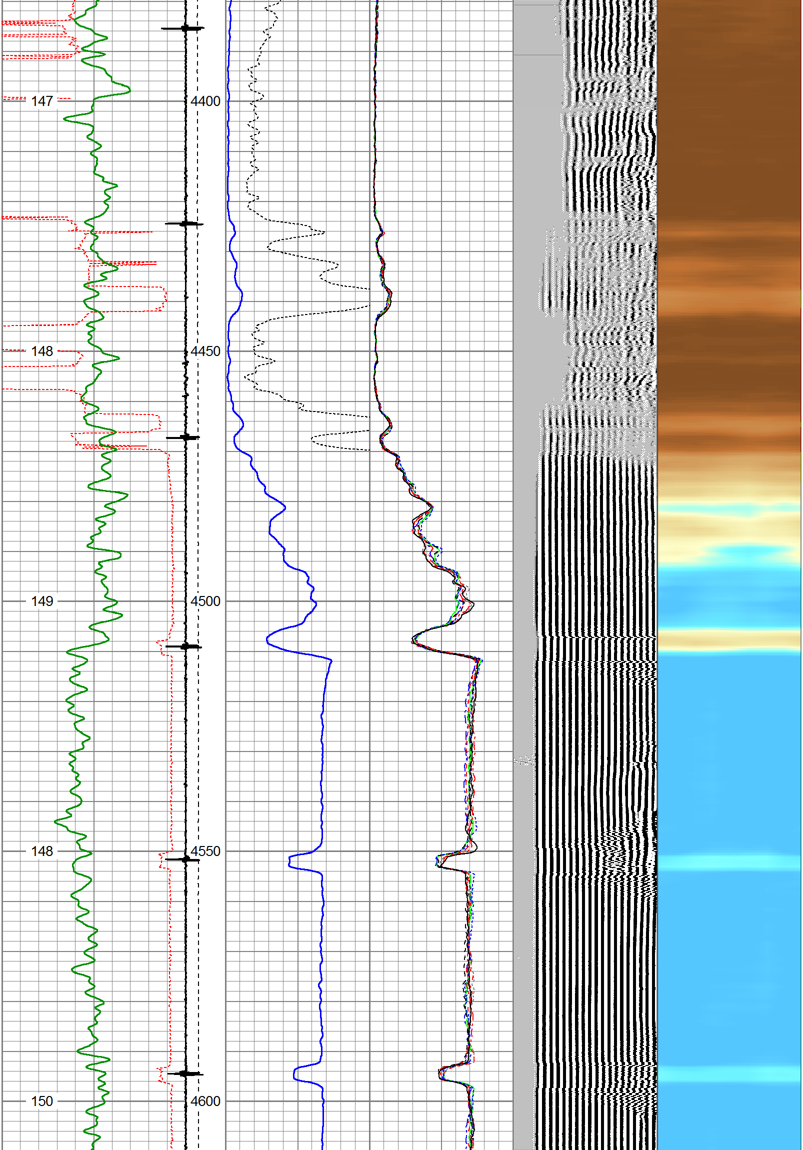


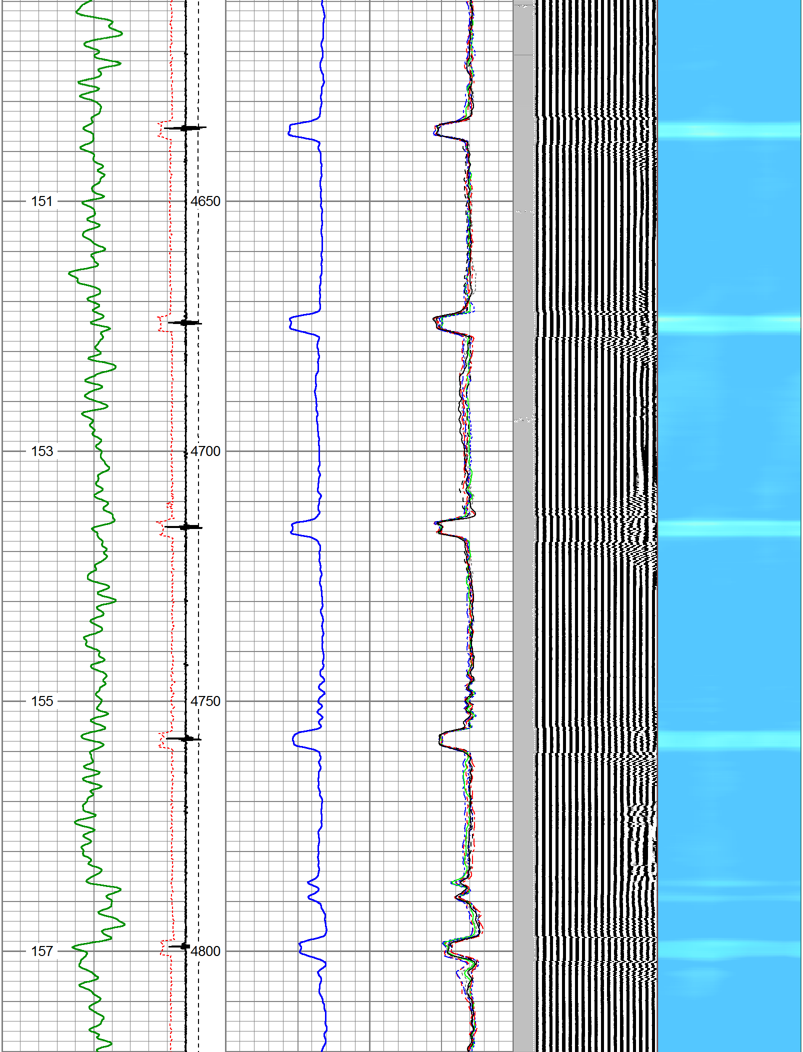


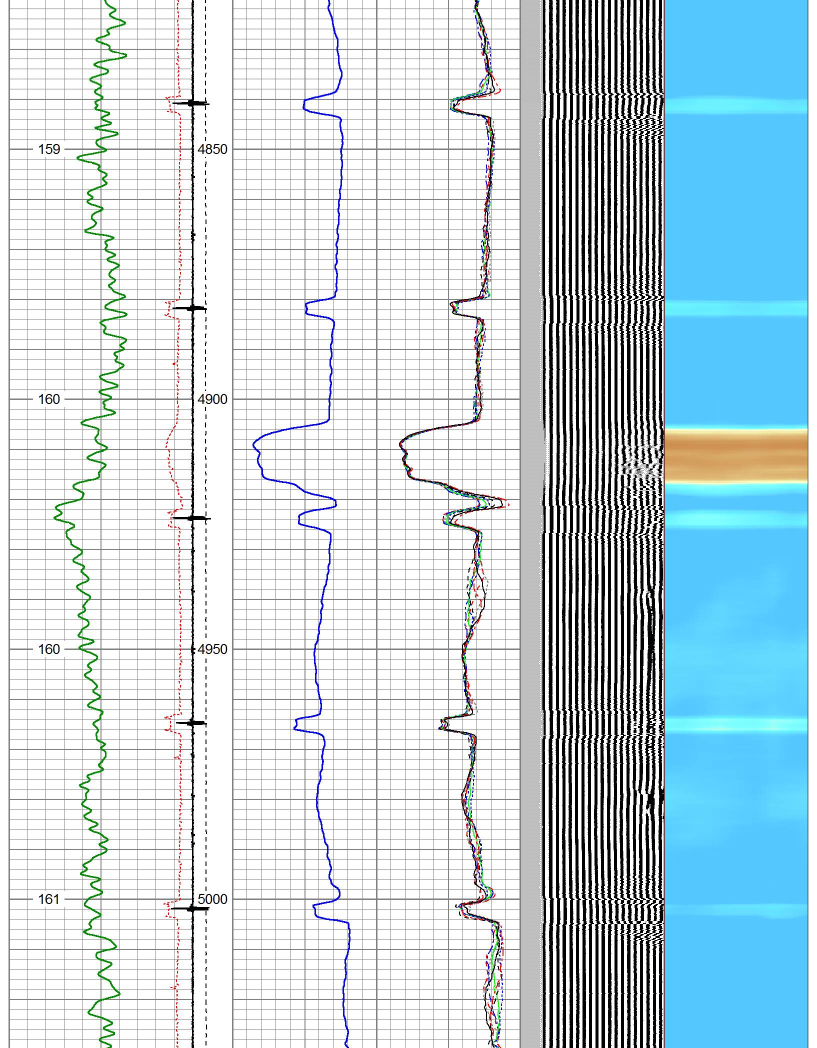


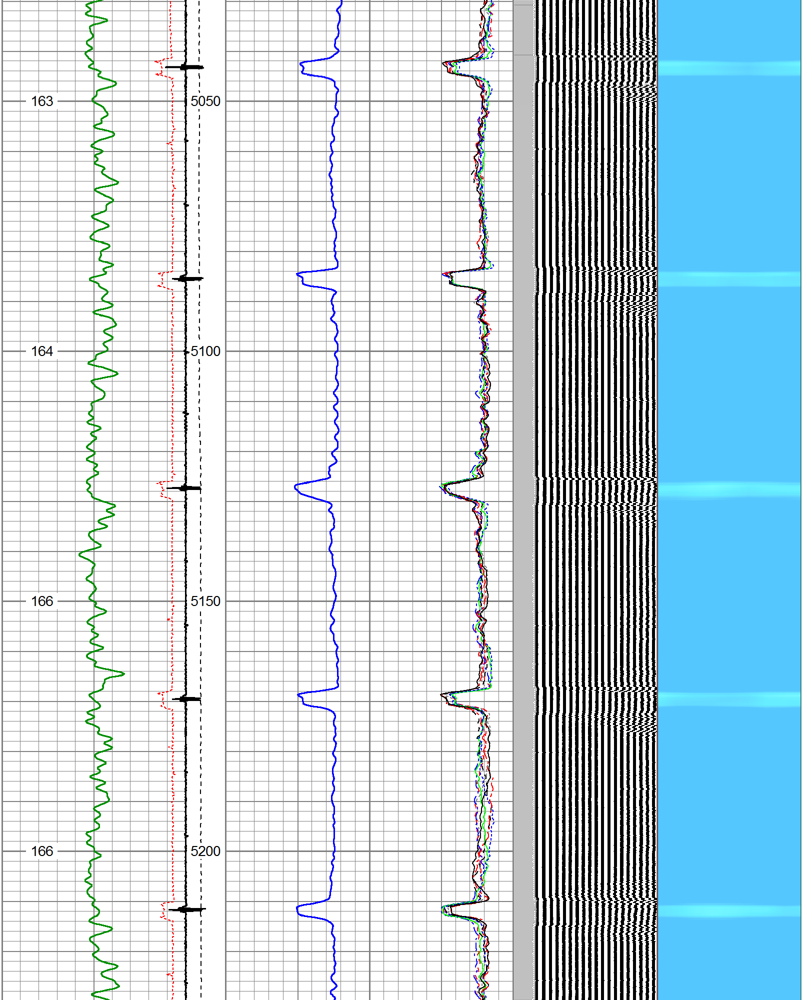


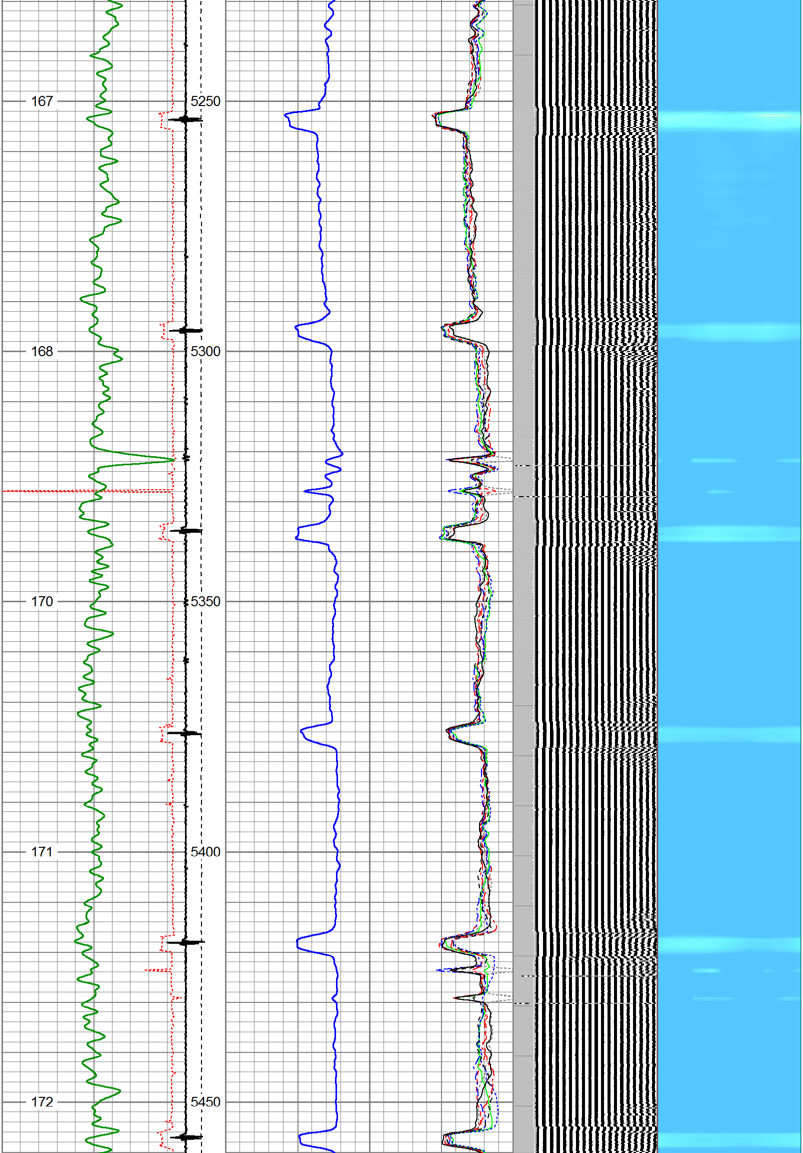


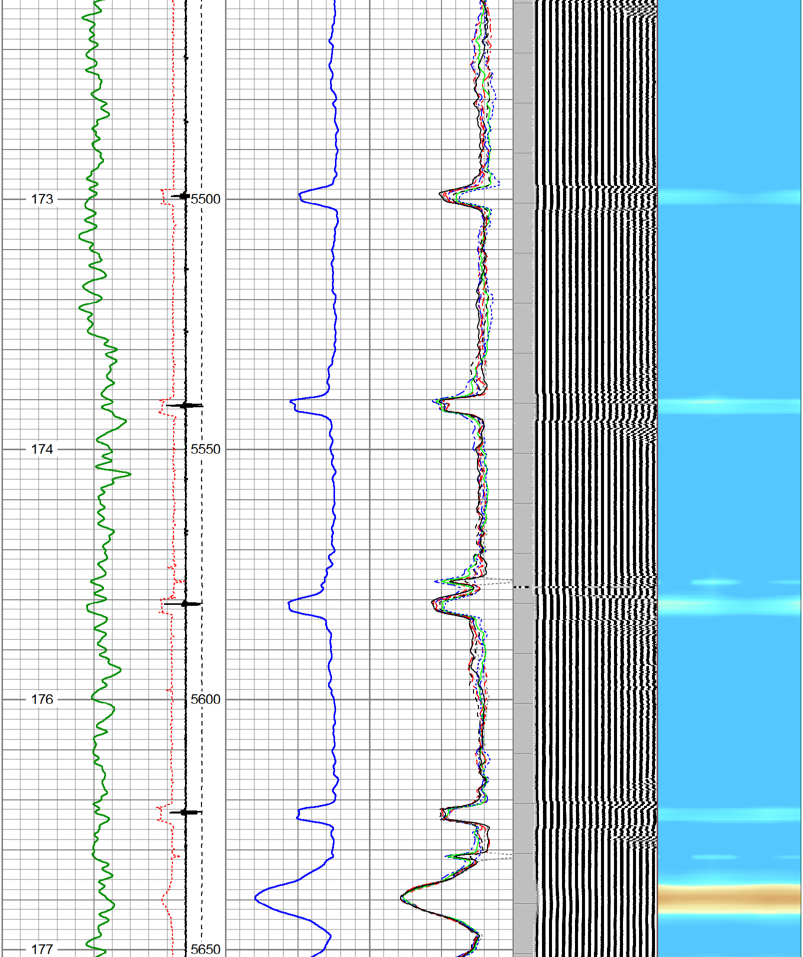


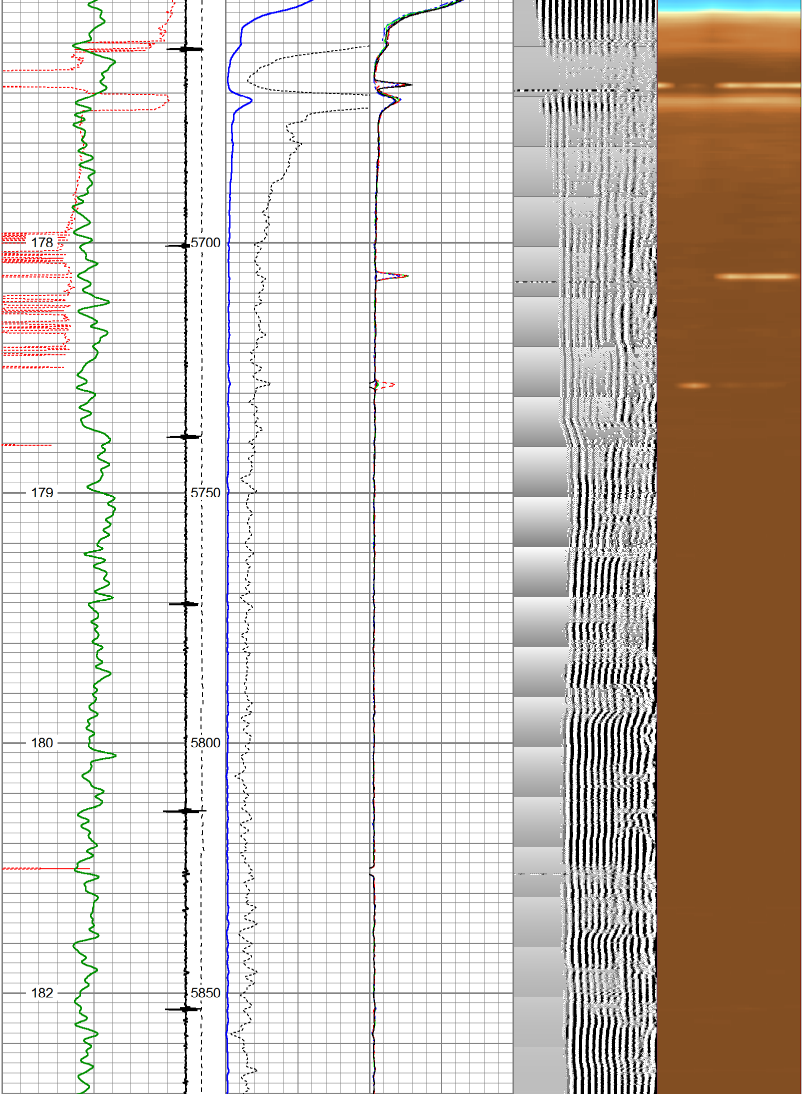


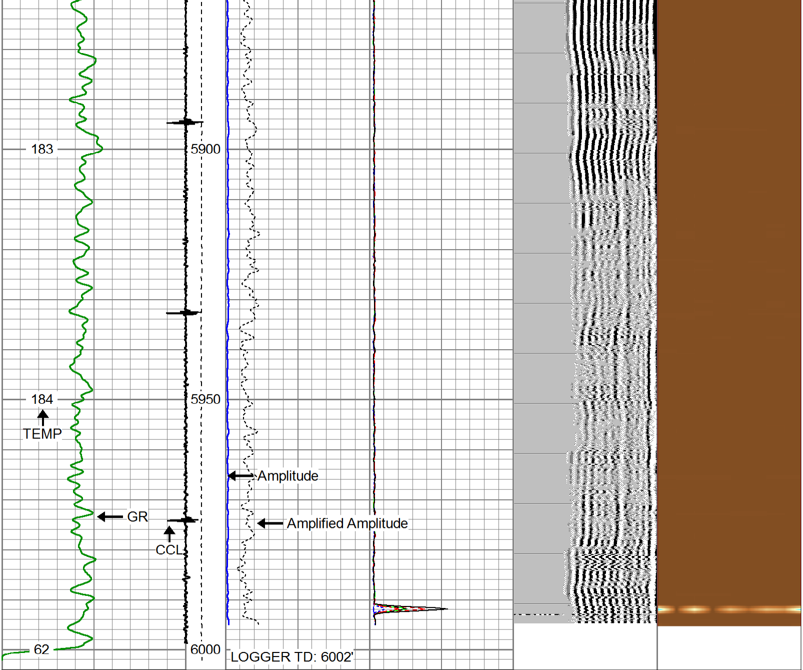












330 TT (usec) 230	LTEN	0 Amplitude (mV) 100	-5 AMPS2 150	200 VDL 1200	Cement Map
0 GR (GAPI) 200	(lb)	Amplified Amplitude	-5 AMPS3 150		1 100
TEMP (degF)	CCL 000	0 (mV) 10	-5 AMPS4 150		
			-5 AMPS5 150		
			-5 AMPS6 150		
			-5 AMPS7 150		
			-5 AMPS8 150		
			-5 AMPS1 150		

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REPEAT PASS

LOGGED WITH 500 PSI APPLIED AT SURFACE

Database File:	cavey u24-2j.db
Dataset Pathname:	cbl/pass5
Presentation Format:	rbl55
Dataset Creation:	Wed Apr 21 13:29:04 2021 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

330 TT (usec) 230
0 GR (GAPI) 200
TEMP
(degF)

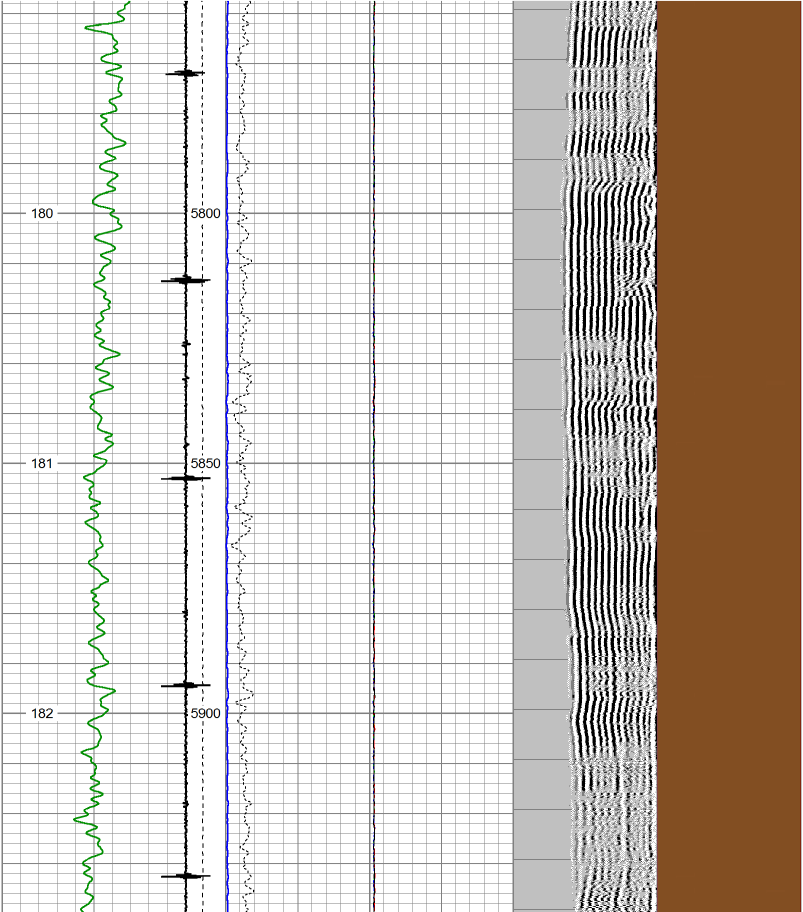
LTEN
(lb)
CCL
000

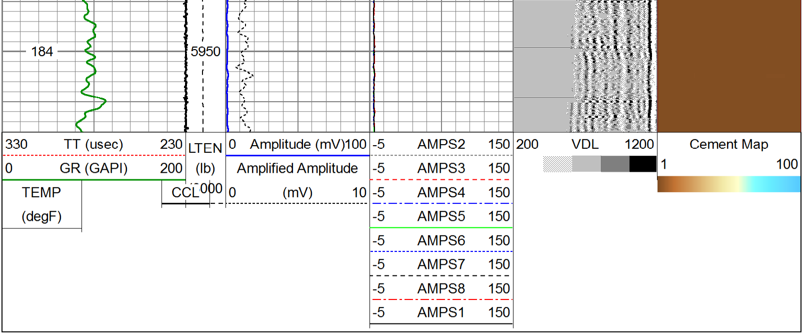
0 Amplitude (mV)100
Amplified Amplitude
0 (mV) 10

-5 AMPS2 150
-5 AMPS3 150
-5 AMPS4 150
-5 AMPS5 150
-5 AMPS6 150
-5 AMPS7 150
-5 AMPS8 150
-5 AMPS1 150

200 VDL 1200

Cement Map
1 100





Calibration Report

Database File: cavey u24-2j.db
Dataset Pathname: cbl/pass4
Dataset Creation: Wed Apr 21 13:13:32 2021 by Log 7.0 B1

Gamma Ray Calibration Report

Serial Number:	FW1401-17	
Tool Model:	GCT	
Performed:	Wed Apr 07 09:17:57 2021	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	120663	
Tool Model:	Probe275acc	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	3492.043	ft

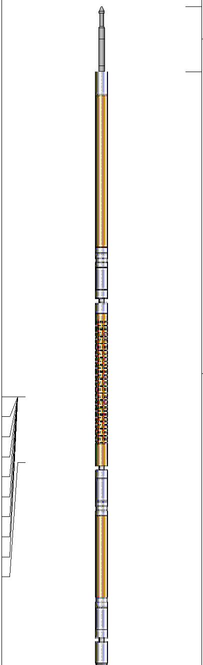
Master Calibration, performed Wed Apr 21 13:12:21 2021:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.014	0.825	1.000	81.196	94.502	2.301
CAL	-0.015	1.030				
5'	-0.013	0.687	1.000	81.196	114.638	2.495
SUM						
S1	-0.017	0.821	0.000	100.000	119.290	2.020
S2	-0.013	0.827	0.000	100.000	119.108	1.518
S3	-0.014	0.836	0.000	100.000	117.622	1.640
S4	-0.013	0.817	0.000	100.000	120.435	1.597
S5	-0.013	0.763	0.000	100.000	128.910	1.635
S6	-0.011	0.723	0.000	100.000	136.299	1.433
S7	-0.014	0.747	0.000	100.000	131.352	1.818
S8	-0.014	0.779	0.000	100.000	126.143	1.715

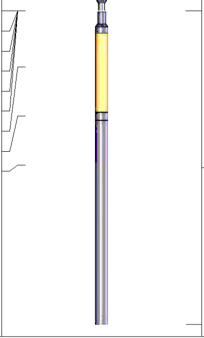
Inclinometer Calibration Report

Performed: Wed Mar 03 10:29:52 2021

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-912.00	918.00	-1.00	1.00	gee
Y Accelerometer	-921.00	915.00	-1.00	1.00	gee
Z Accelerometer	-3.00	915.00	0.00	1.00	gee

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			1.4375CHD Titan Cable Head 1 7/16	1.00	1.44	10.00
			RBT8acc-Probe275acc (120663) 2.75" Radial Corrosion with accelerometer	9.20	2.75	110.00
WVF3FT	9.02					
WVFS1	9.02					
WVFS2	9.02					
WVFS3	9.02					
WVFS4	9.02					
WVFS5	9.02					
WVFS6	9.02					
WVFS7	9.02					
WVFS8	9.02					
WVF5FT	8.02					

WVFCAL	4.77
WVFSYNC	4.77
RBT_HV	4.77
ACCX	4.77
ACCY	4.77
ACCZ	4.77
CCL	3.92
GCT_Temp	3.17
GR	2.42



GR-GCT (FW1401-17) Gamma Corrosion Temperature	4.77	2.75	35.00

Dataset:	cavey u24-2j.db: field/well/cbl/pass4
Total Length:	14.97 ft
Total Weight:	155.00 lb
O.D.	2.75 in

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Company	ANADARKO PETROELUM CORP
Well	CAVEY U24-2J
Field	WATTENBERG
County	WELD
State	CO