AXIS ENERGY SERVICES

RADIAL BOND
GAMMA RAY
COLLAR LOG

Company CIVITAS
Well ANTELOPE 41-19
Field WATTENBERG
County WELD
State CO

Company	**CIVITAS**
Well	**ANTELOPE 41-19**
Field	**WATTENBERG**
County	**WELD**
State	**CO**

Location: API # : 05-123-27148
NE/NE
40.386780, -104.359020
SEC 19 TWP 5N RGE 62W

Other Services

Permanent Datum	GL	Elevation	4652'
Log Measured From	KB 14'		
Drilling Measured From	KB 14'		

Elevation
K.B. 4664'
D.F. 4663'
G.L. 4652'

Date	DECEMBER 18 2025		
Run Number	1		
Depth Driller	6875'		
Depth Logger	6372'		
Bottom Logged Interval	6368'		
Top Log Interval	SURFACE		
Open Hole Size	7.875"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	ROA		
Time Logger on Bottom	NA		
Equipment Number	9028		
Location	PLATTEVILLE CO		
Recorded By	MICHAEL RAMSEY		
Witnessed By	ROBIE DAMPIER		

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	443'
Prot. String				
Production String	4.5"	11.6#	SURFACE	6827'
Liner				

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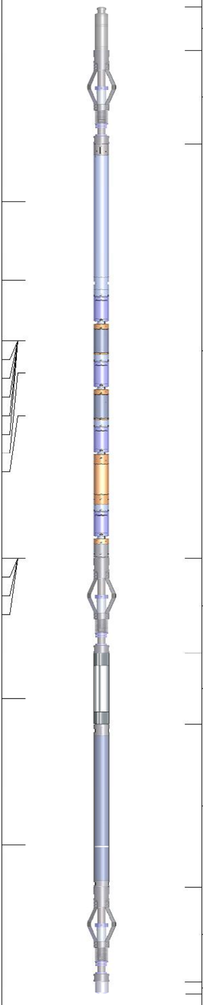
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

WELL LOADED UPON ARRIVAL
LOG CORRELATED TO KB 14'
LOG RECORDED UNDER 500PSI SURFACE INDUCED PRESSURE
VOID IN ANNULUS INDICATED 178' - SURFACE

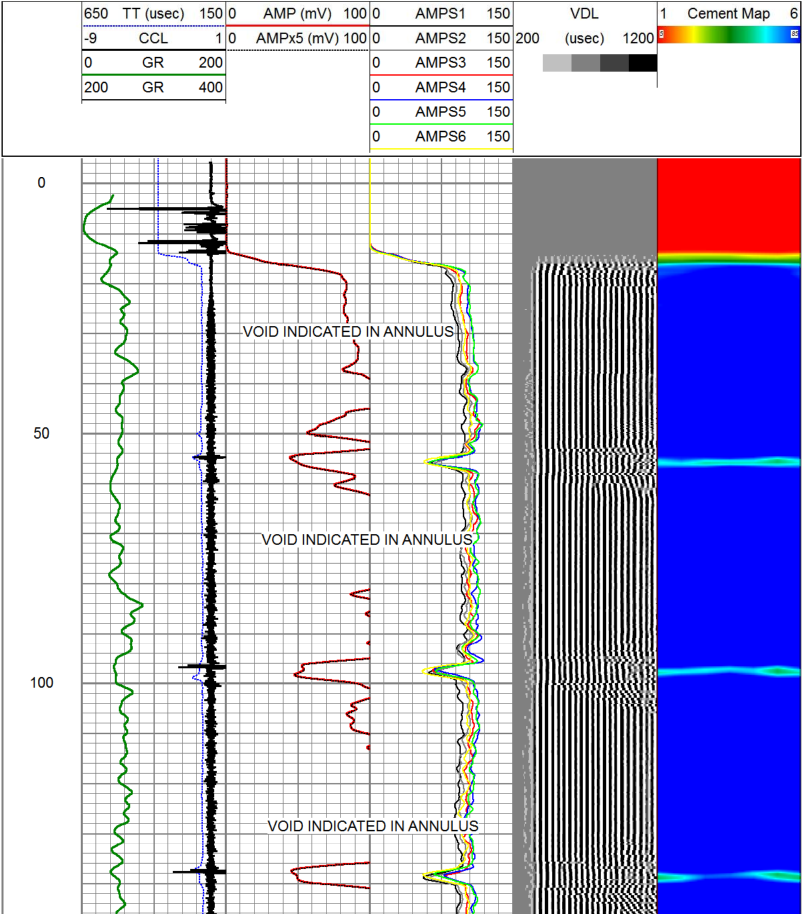


Sensor	Offset (ft)
T_INT	18.51
TEMP	16.67
WVFS6	15.26
WVFS5	15.26
WVFS4	15.26
WVFS3	15.26
WVFS2	15.26
WVFS1	15.26
WVF3FT	14.51
WVF5FT	13.51
WVFSYNC	10.17
WVFTEMP	10.17
WVFMEAS2	10.17
WVFCAL	10.17
CCL	6.90
GR	3.48

Description	Length (ft)	O.D. (in)	Weight (lb)
Cable_Head-1_7/16 Titan 1 7/16" Cable Head	1.02	1.44	3.31
Centralizers-8037-1686-200 Titan 1 11/16" Adjustable Anchor Centralizer for MOT & GOT	2.21	1.69	10.00
SCBLTEKSLIM-Titan-8110-1686NPE (IEHN3-03) Hunting Titan 375 deg F RIB w I/E Temp	9.68	1.69	52.00
Centralizers-8037-1686-200 Titan 1 11/16" Adjustable Anchor Centralizer for MOT & GOT	2.21	1.69	10.00
CCL-Titan-8030-16892 (8030-16892-XXXX) Hunting Titan 1 11/16" 450 Deg. F Logging CCL	1.67	1.69	10.00
GR-Titan-8000-16892 (8000-16892-XXXX) Hunting Titan 1 11/16" 450° F Logging Gamma Ray	3.82	1.69	18.00
Centralizers-8037-1686-200 Titan 1 11/16" Adjustable Anchor Centralizer for MOT & GOT	2.21	1.69	10.00
Bull_Plug-1_7/16_GO Titan 1 7/16" Female Bull Plug	0.27	1.44	1.00

Dataset:	antelope 41-19 rbl civitas .db: field/well/run1/pass12
Total length:	23.08 ft
Total weight:	114.31 lb
O.D.:	1.69 in

Database File	antelope 41-19 rbl civitas .db
Dataset Pathname	pass12
Presentation Format	ips_rbtcolorcivitasslim
Dataset Creation	Thu Dec 18 15:07:03 2025
Charted by	Depth in Feet scaled 1:240



VOID INDICATED IN ANNULUS

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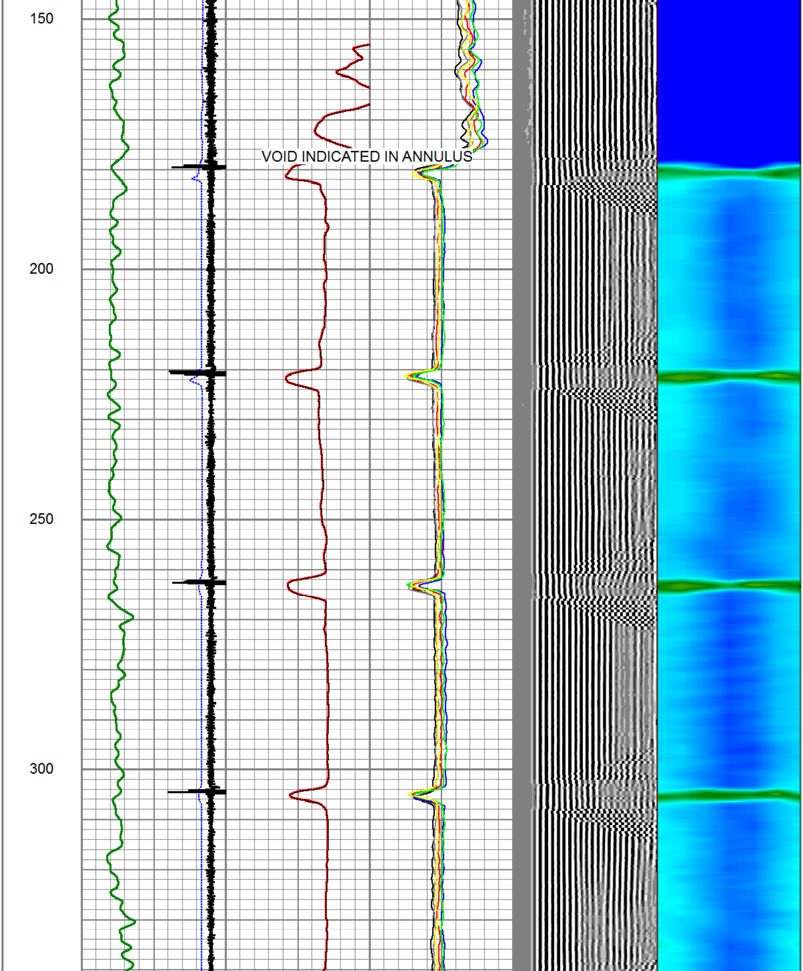

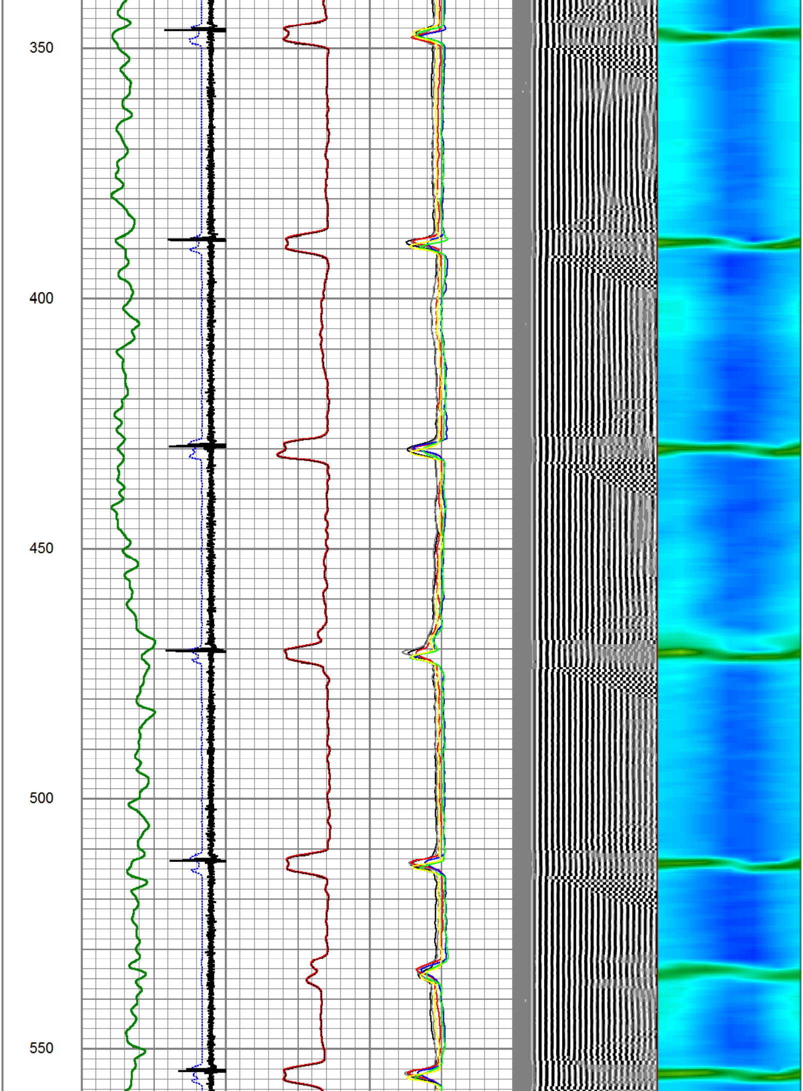

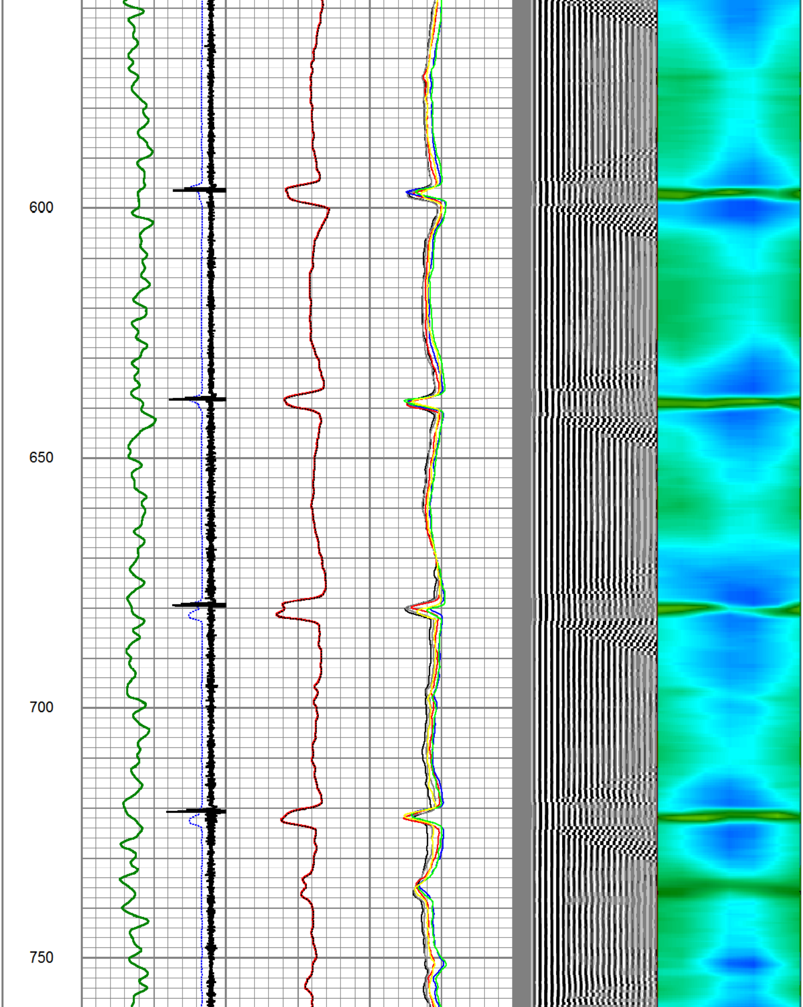

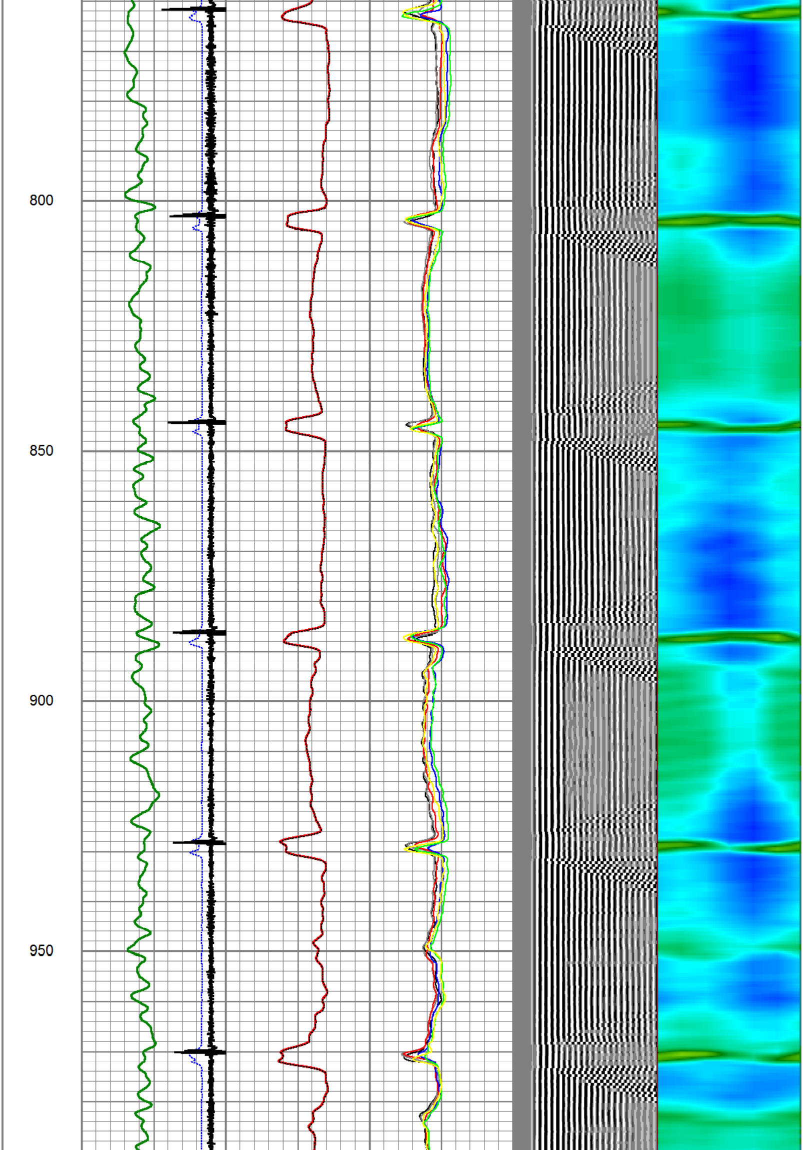

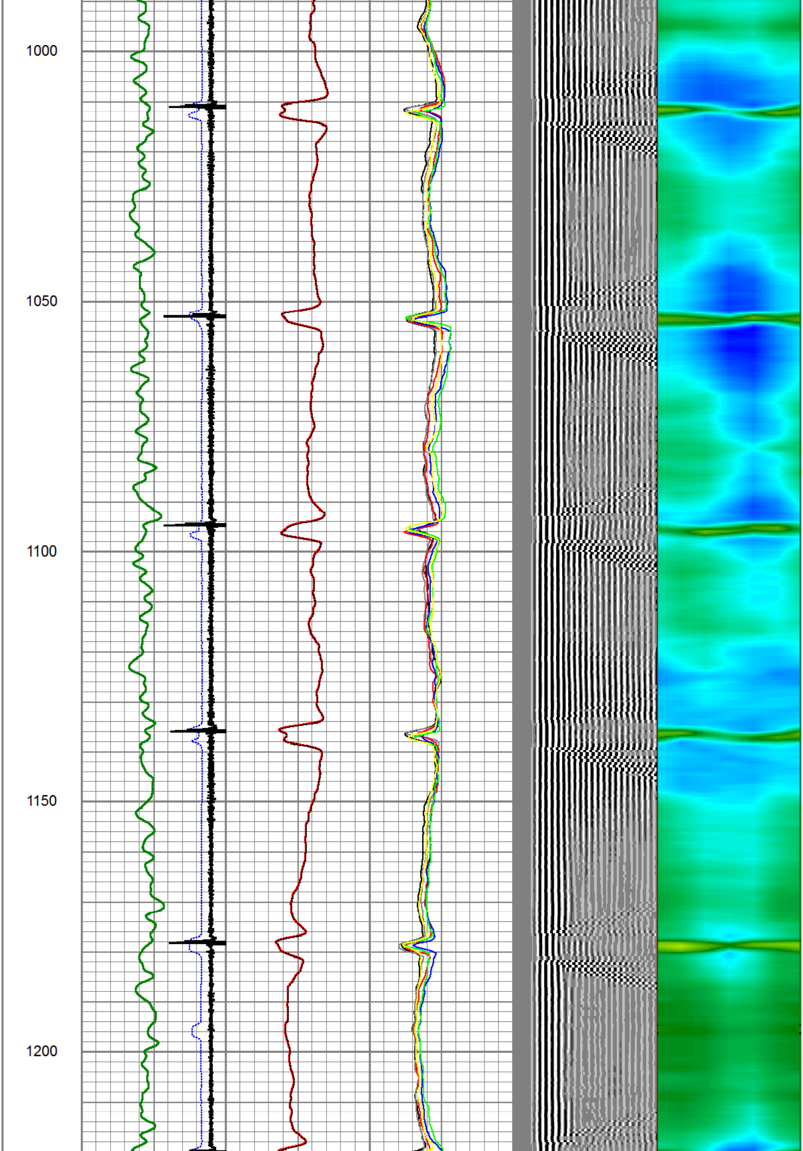

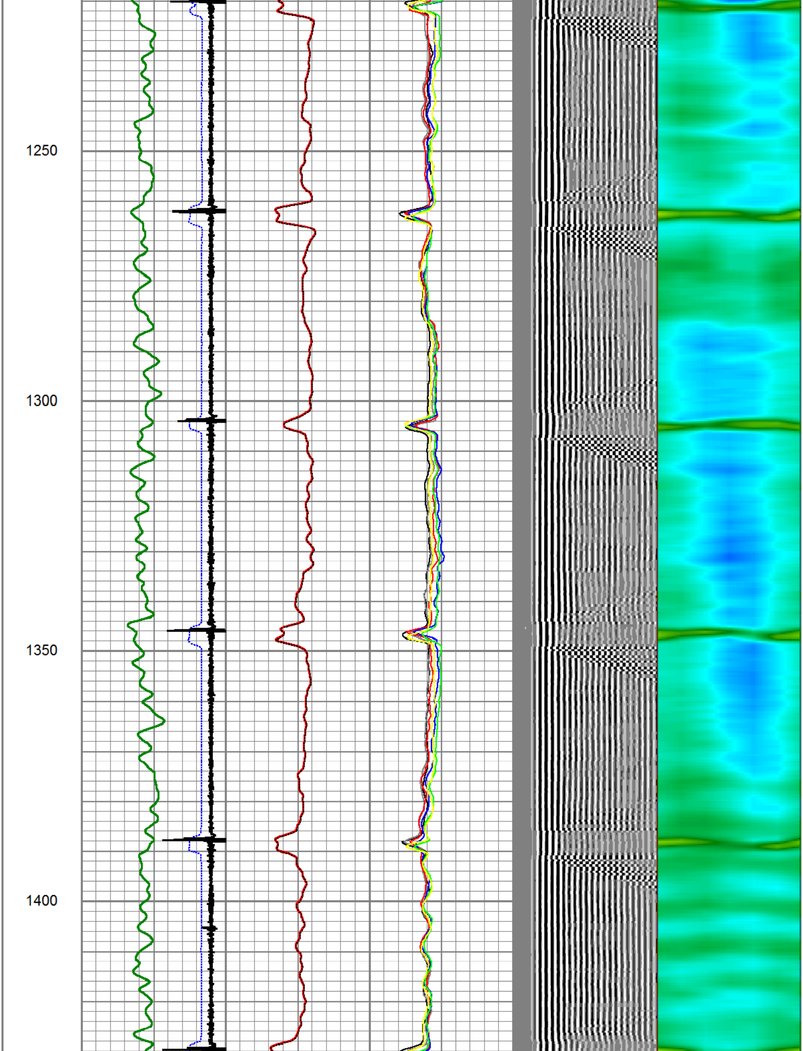

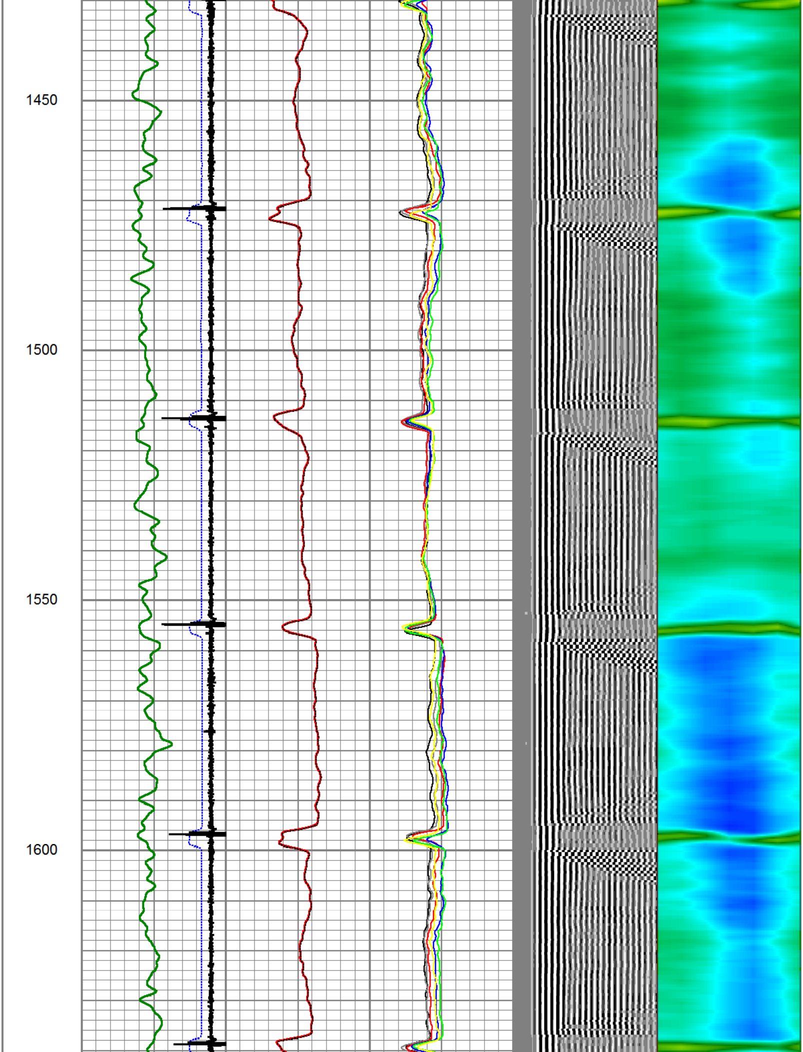

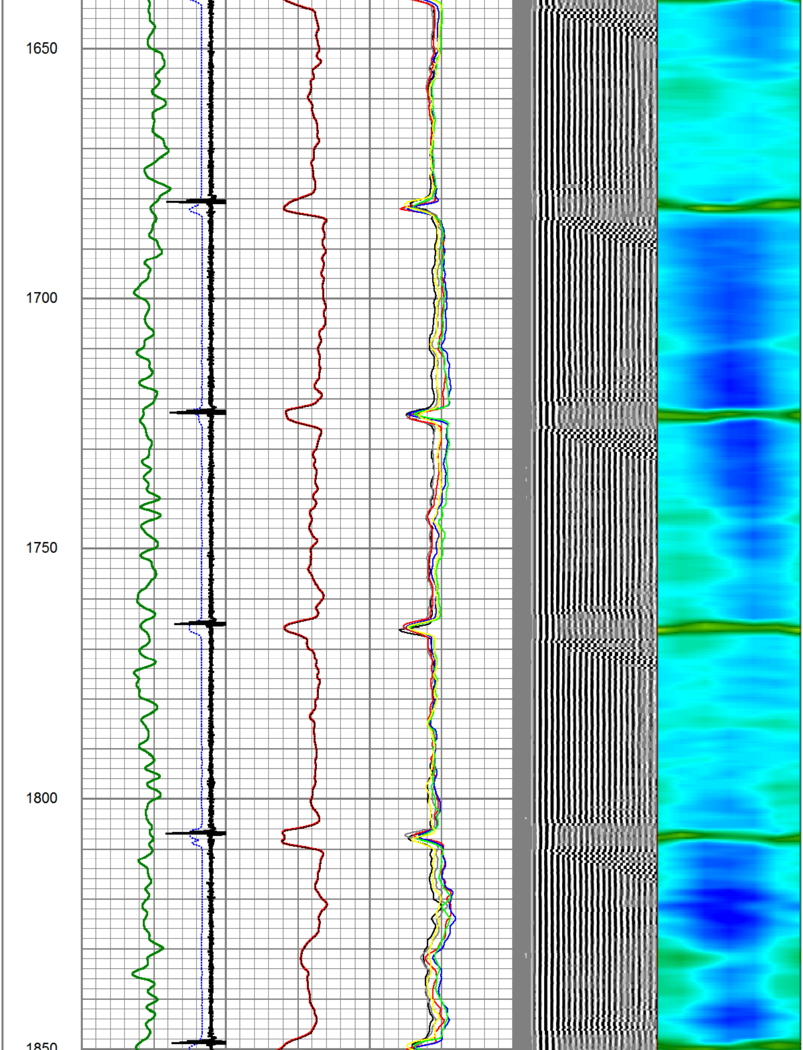

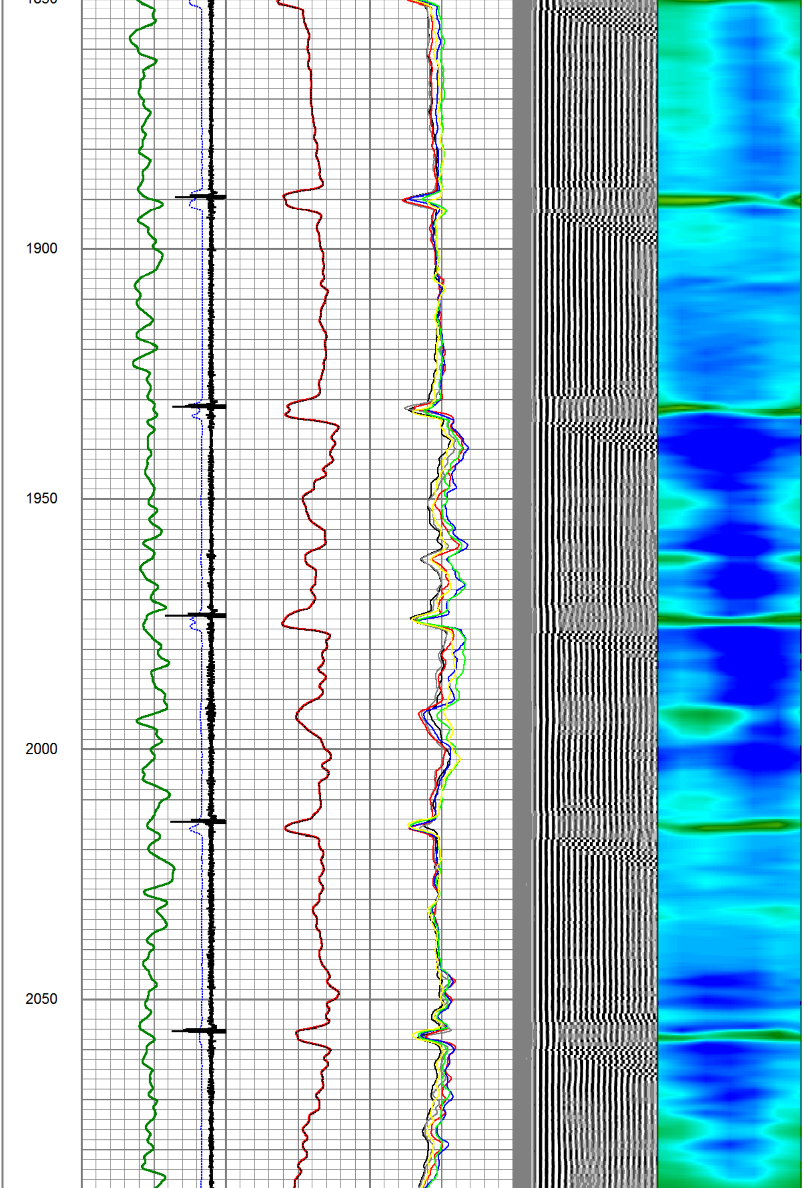

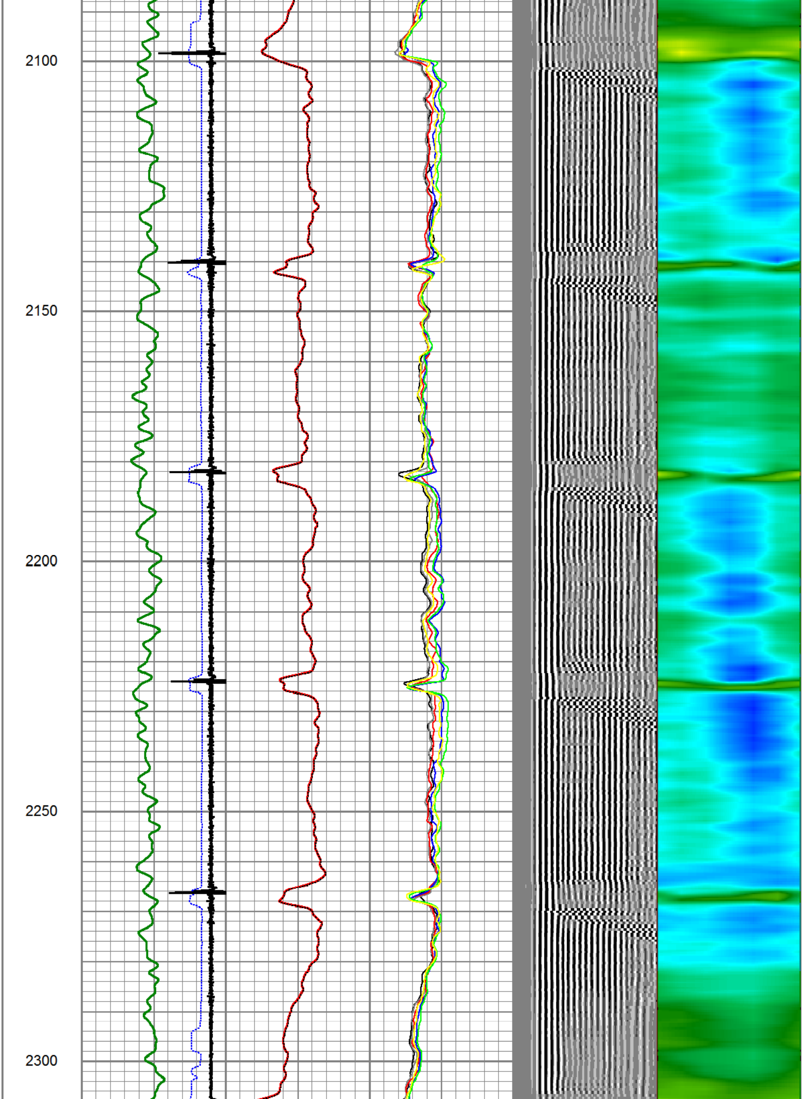

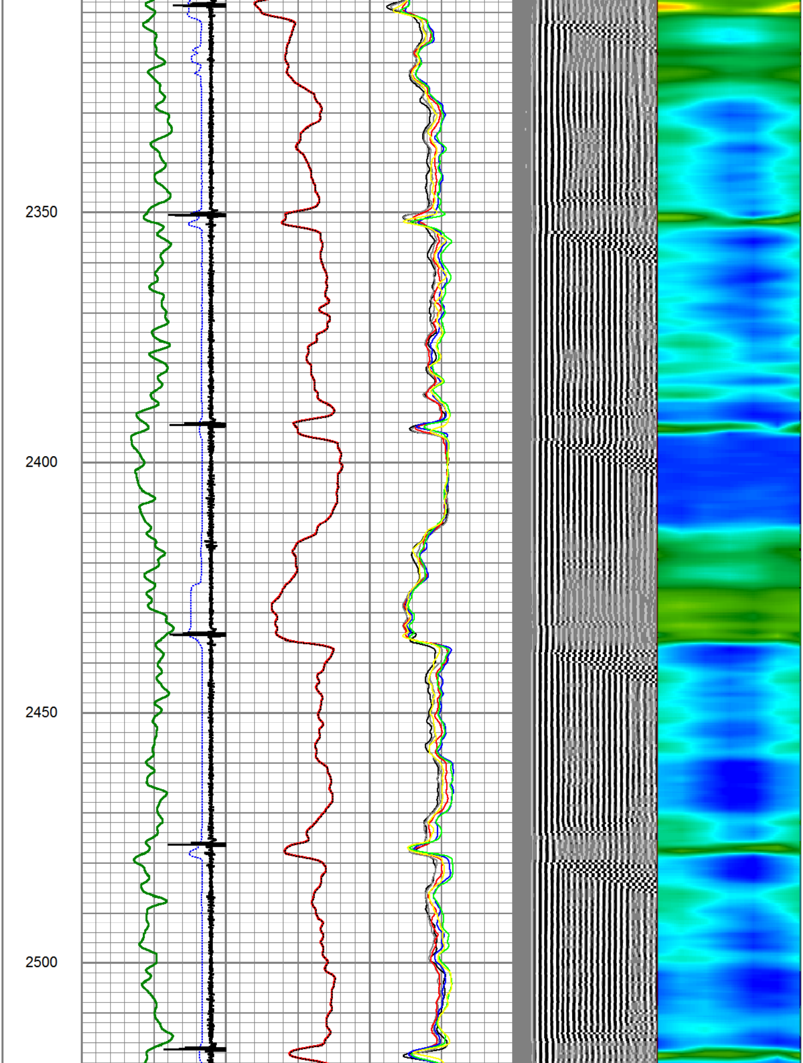

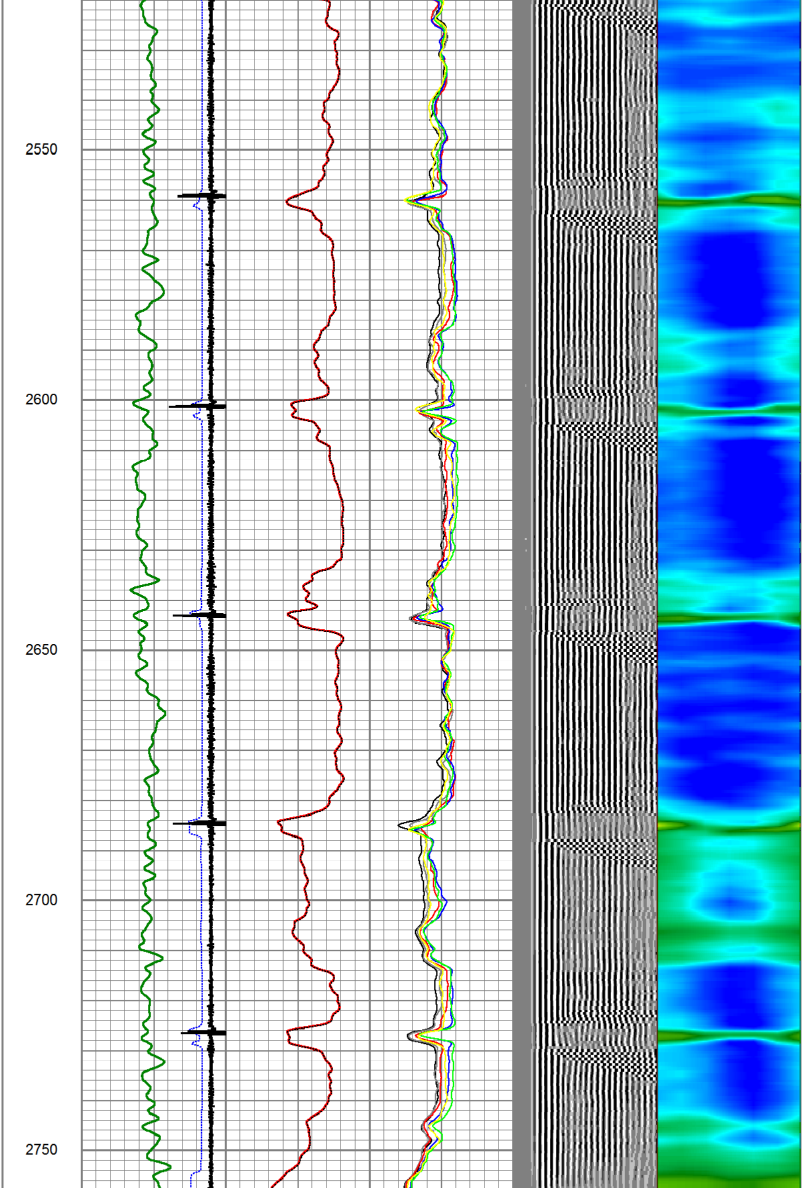

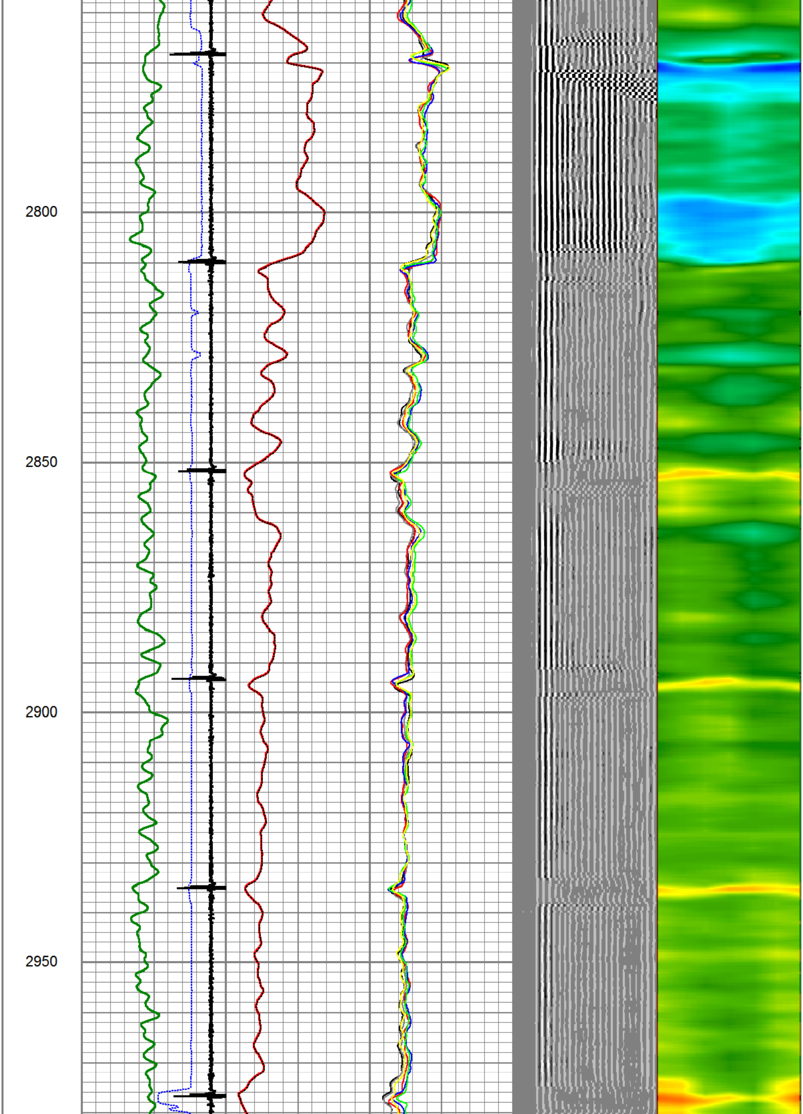

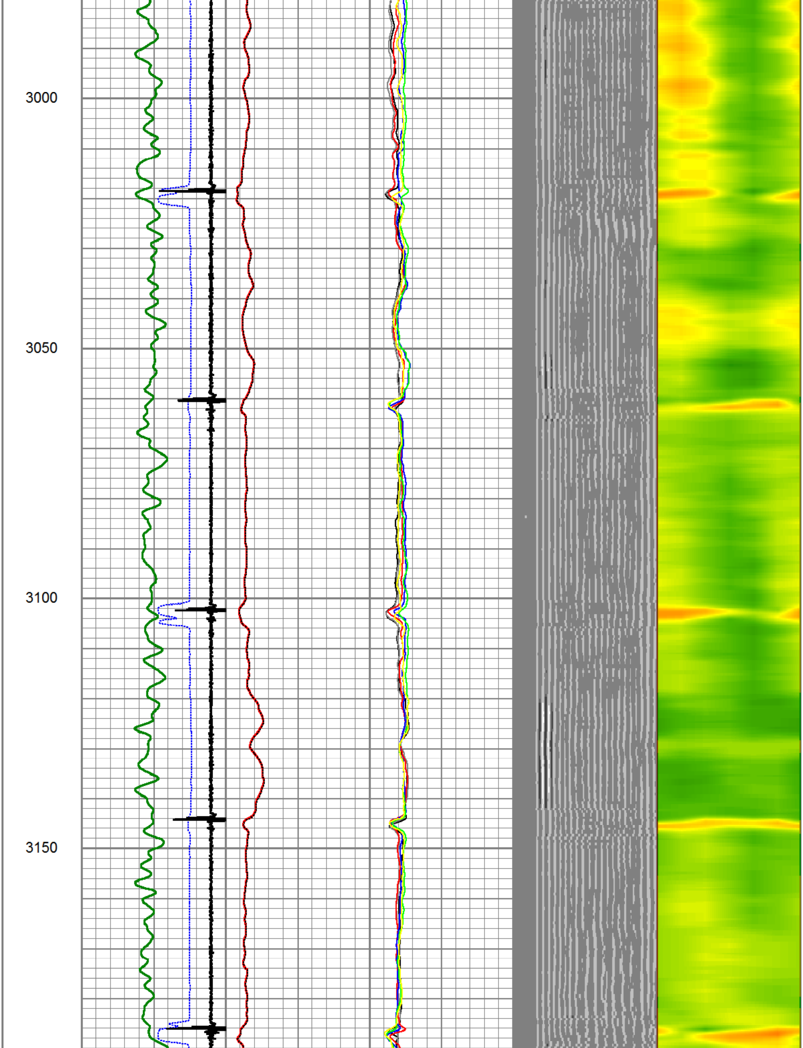

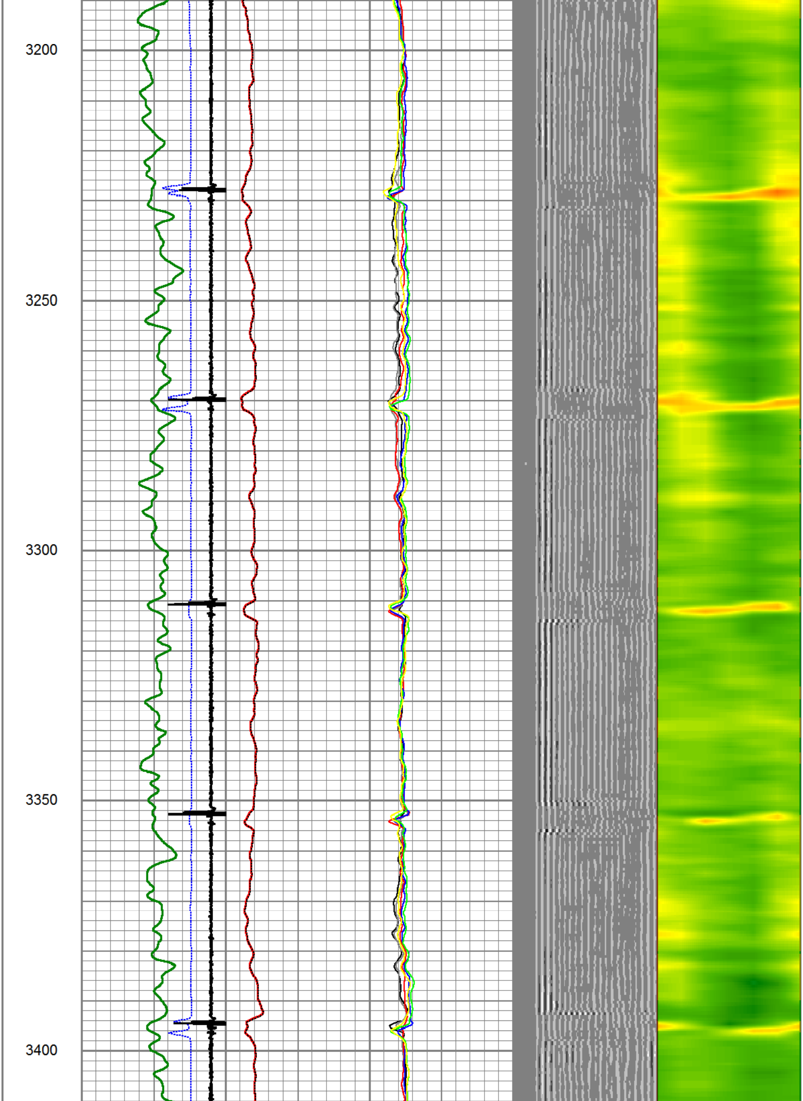

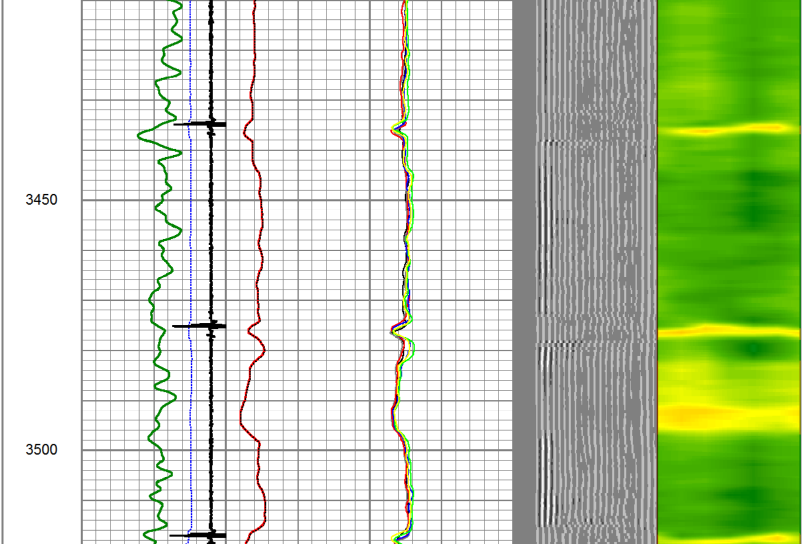

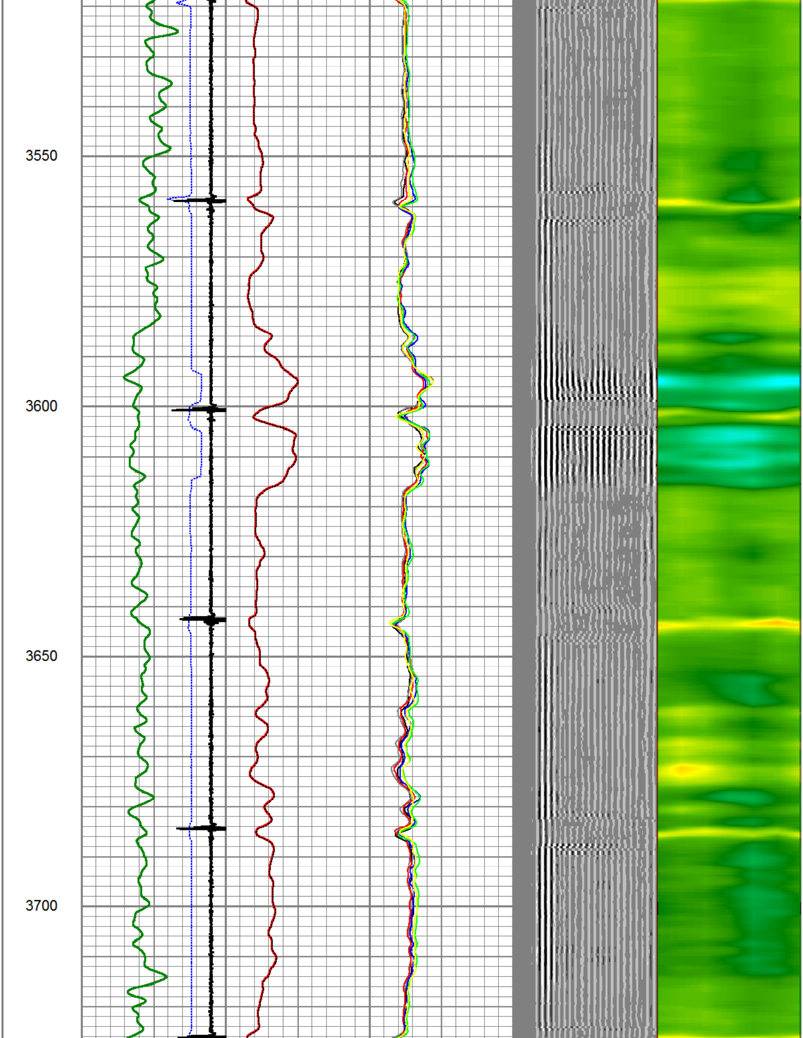

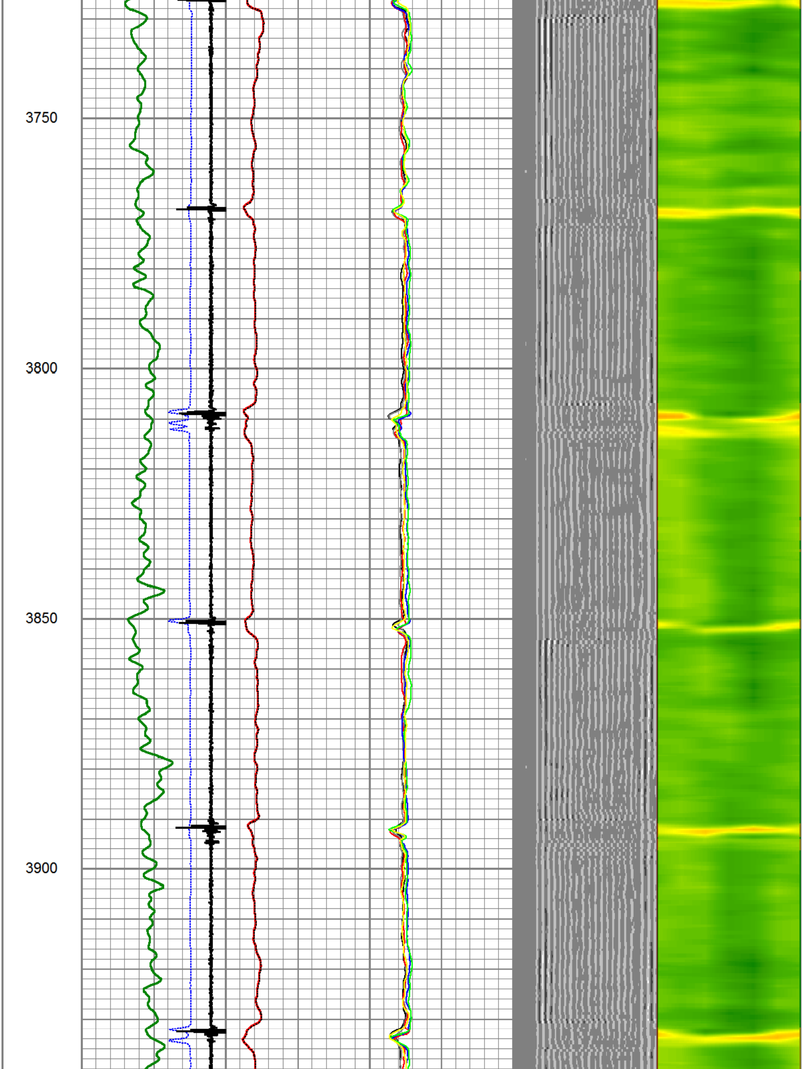

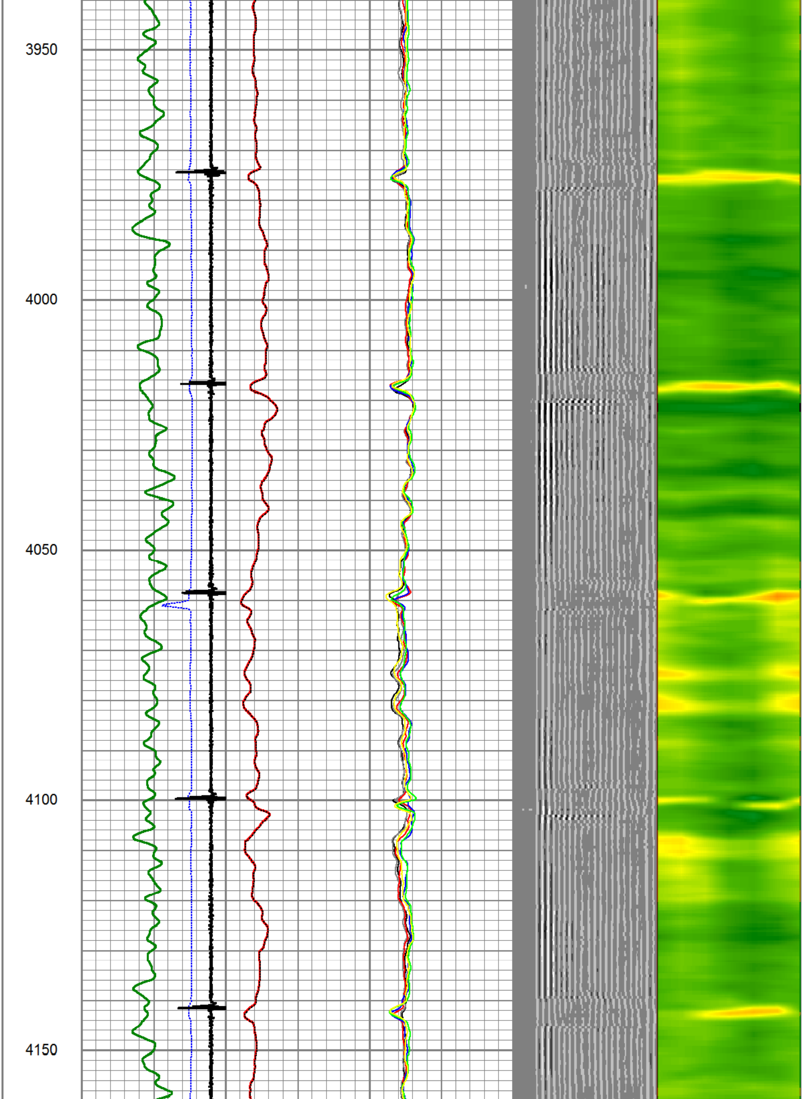

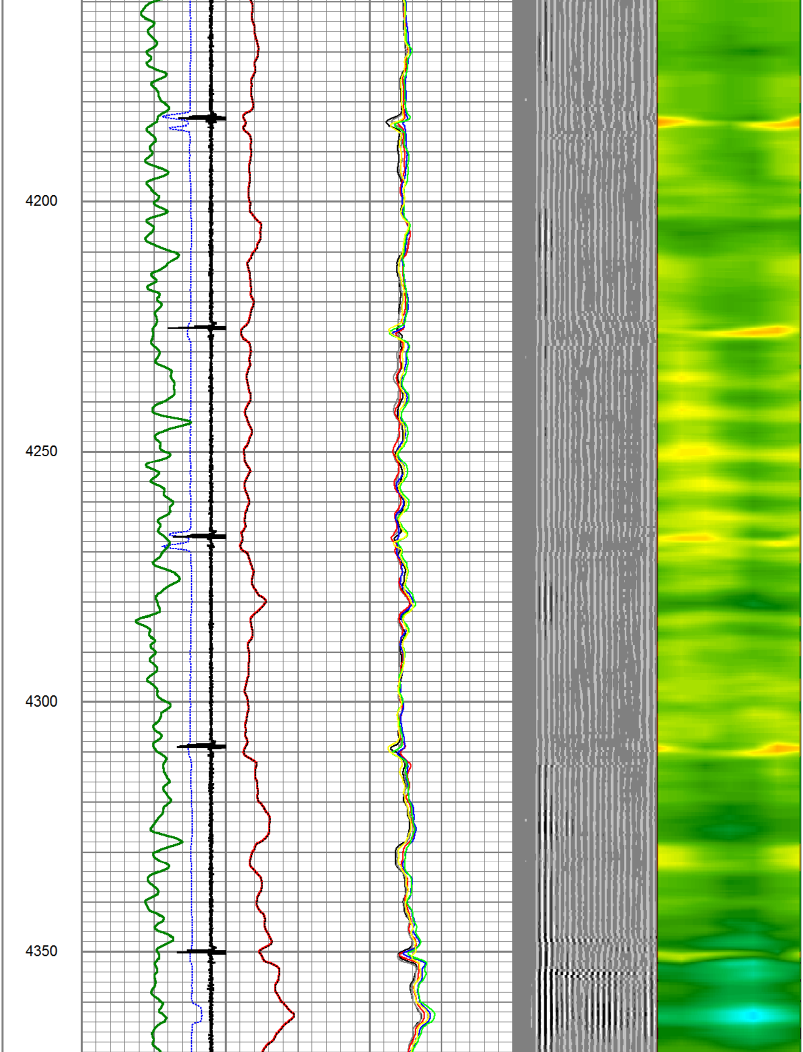

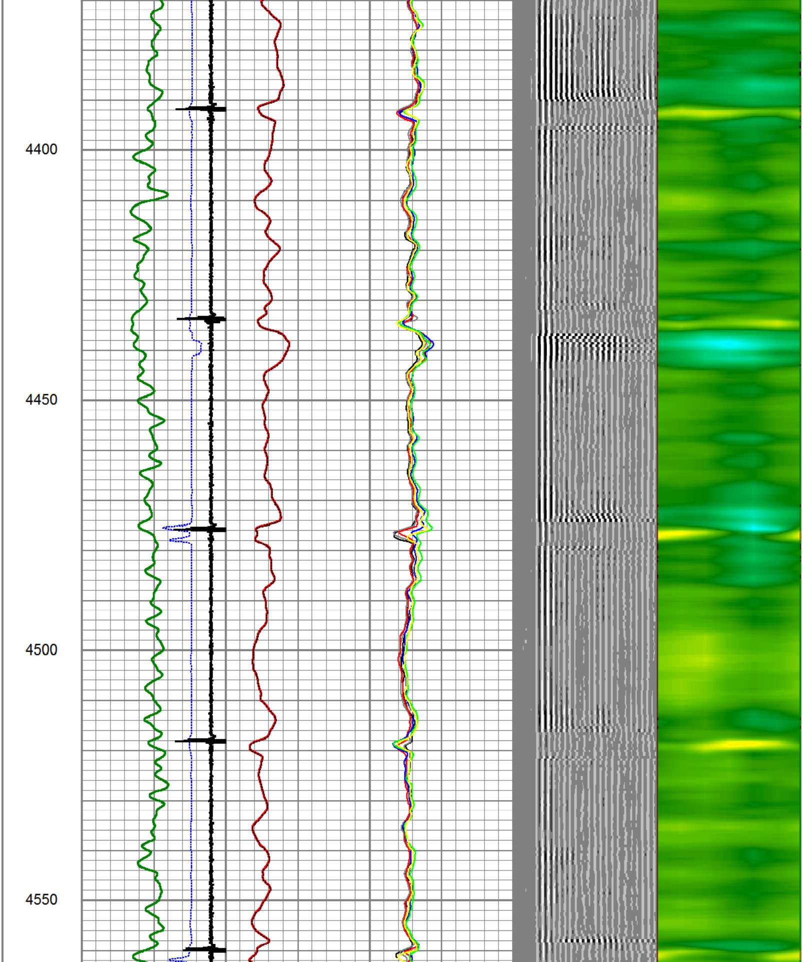

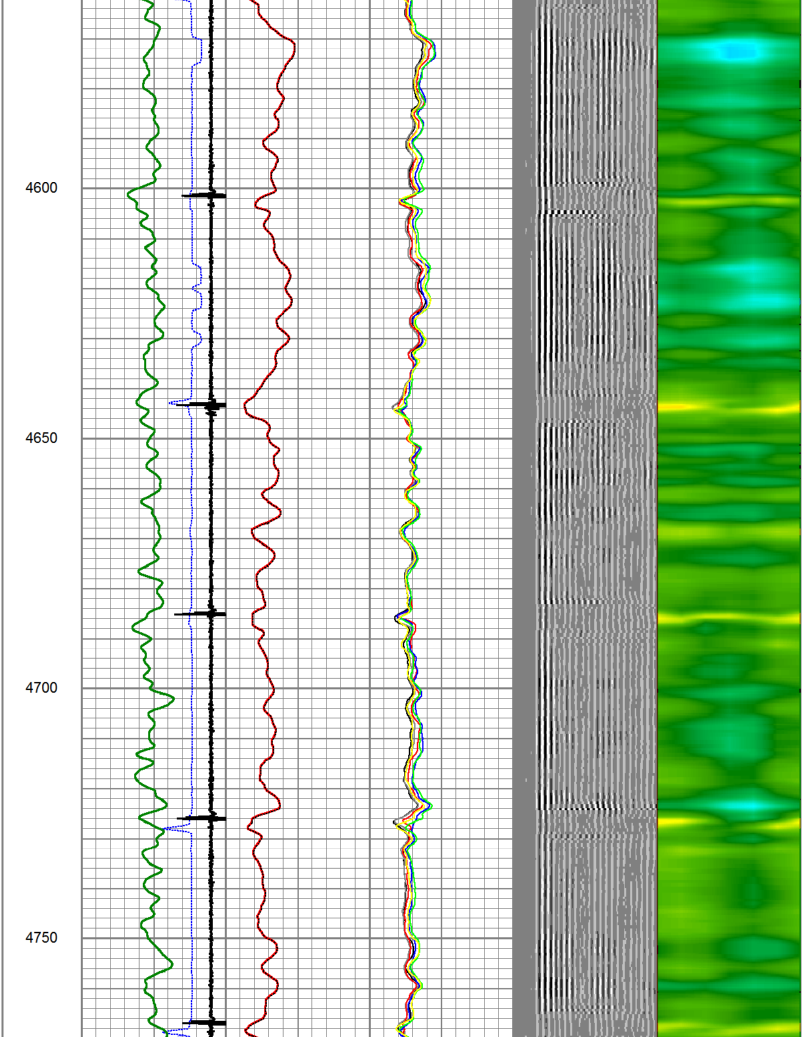

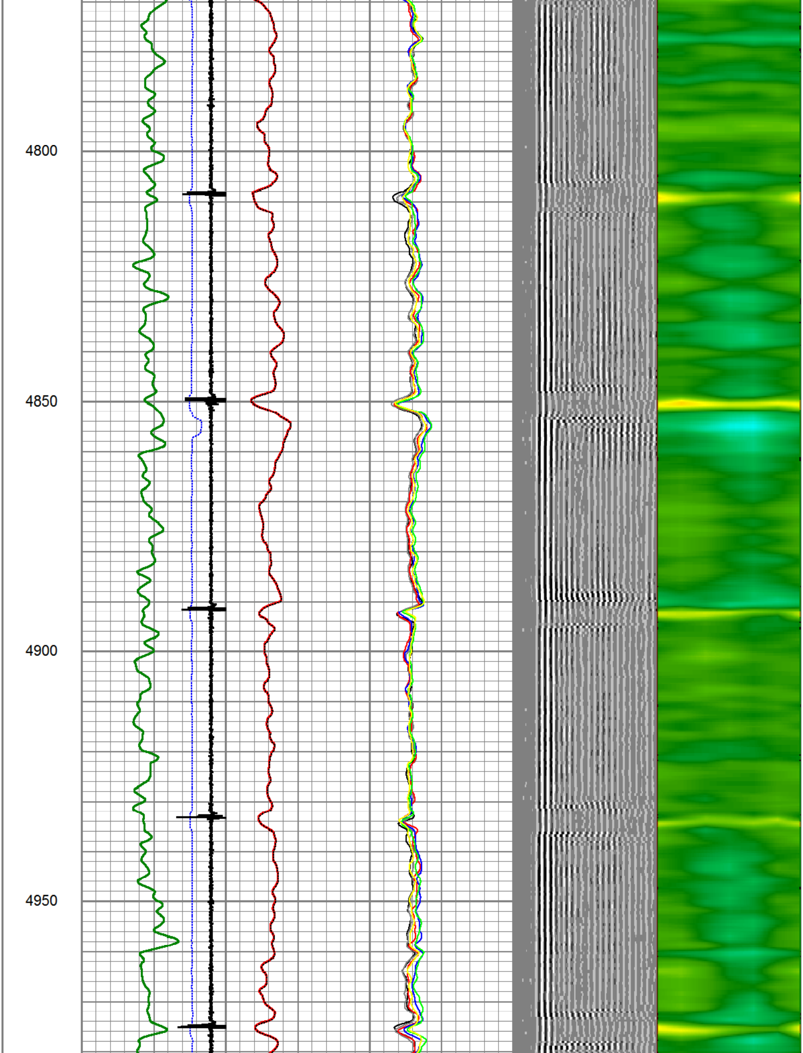

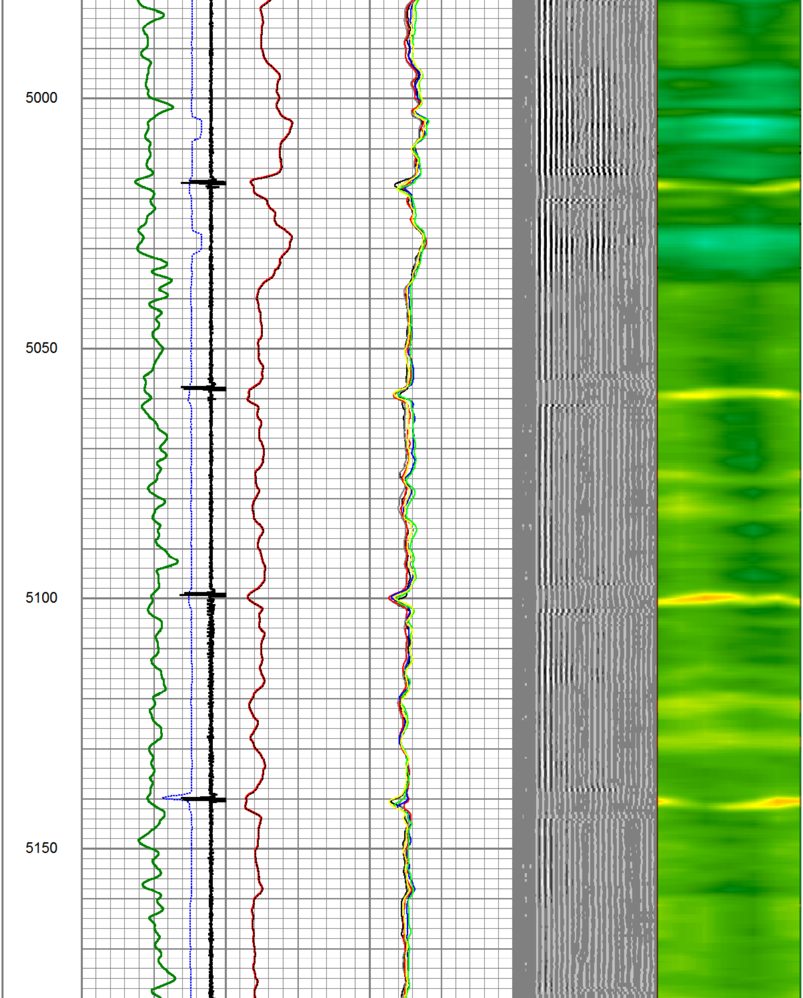

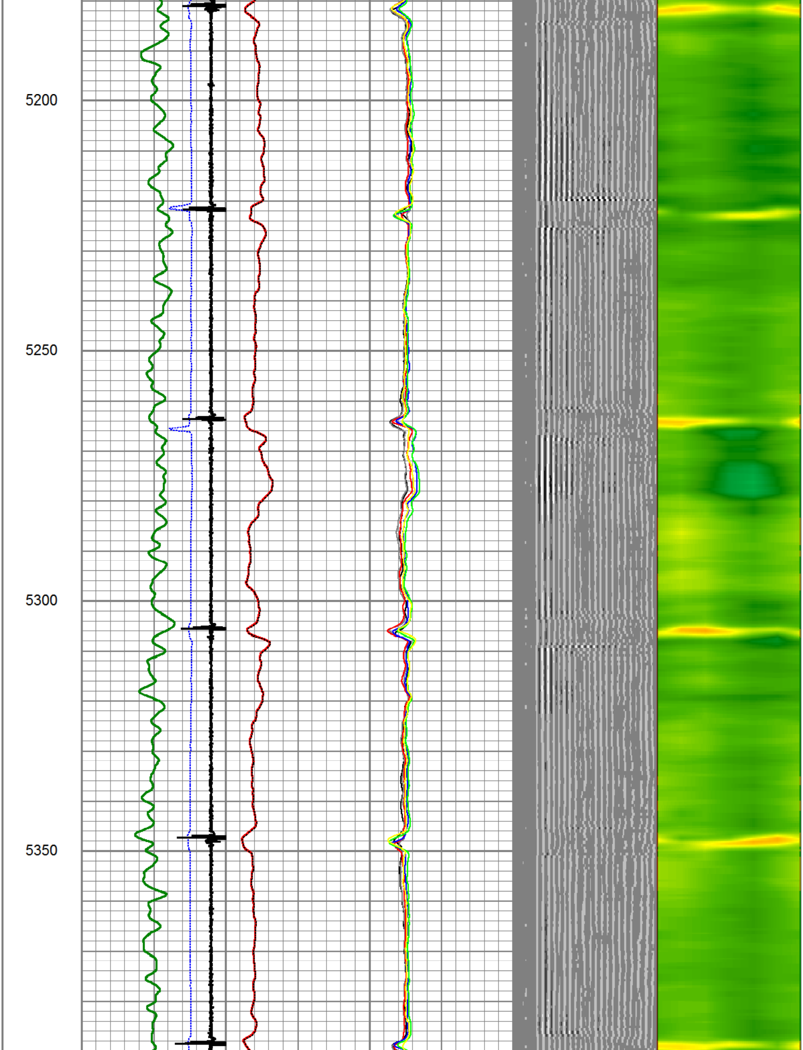

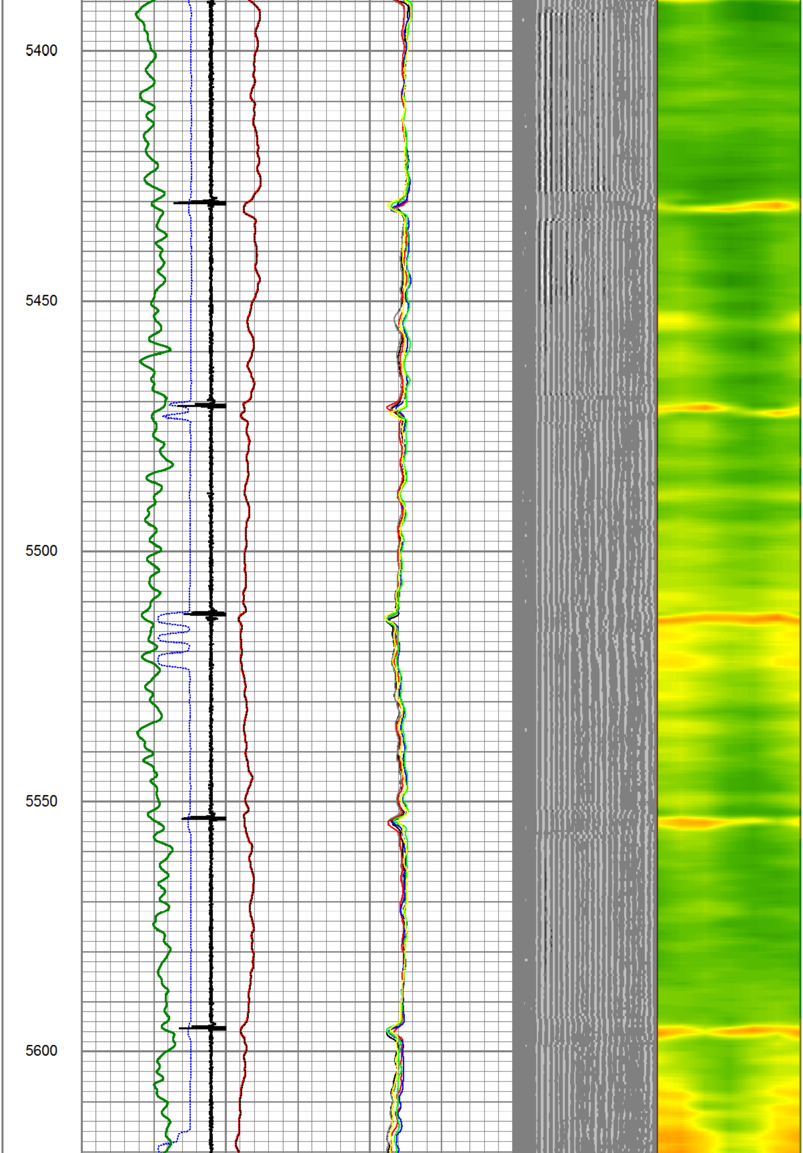

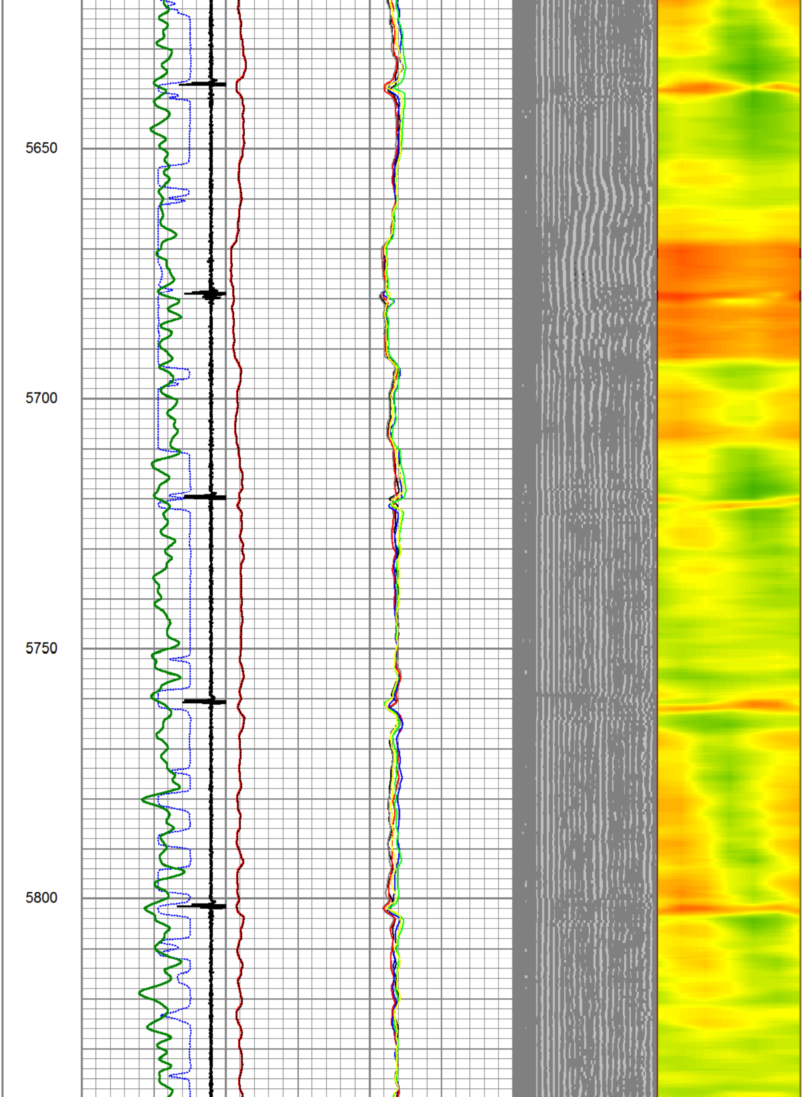

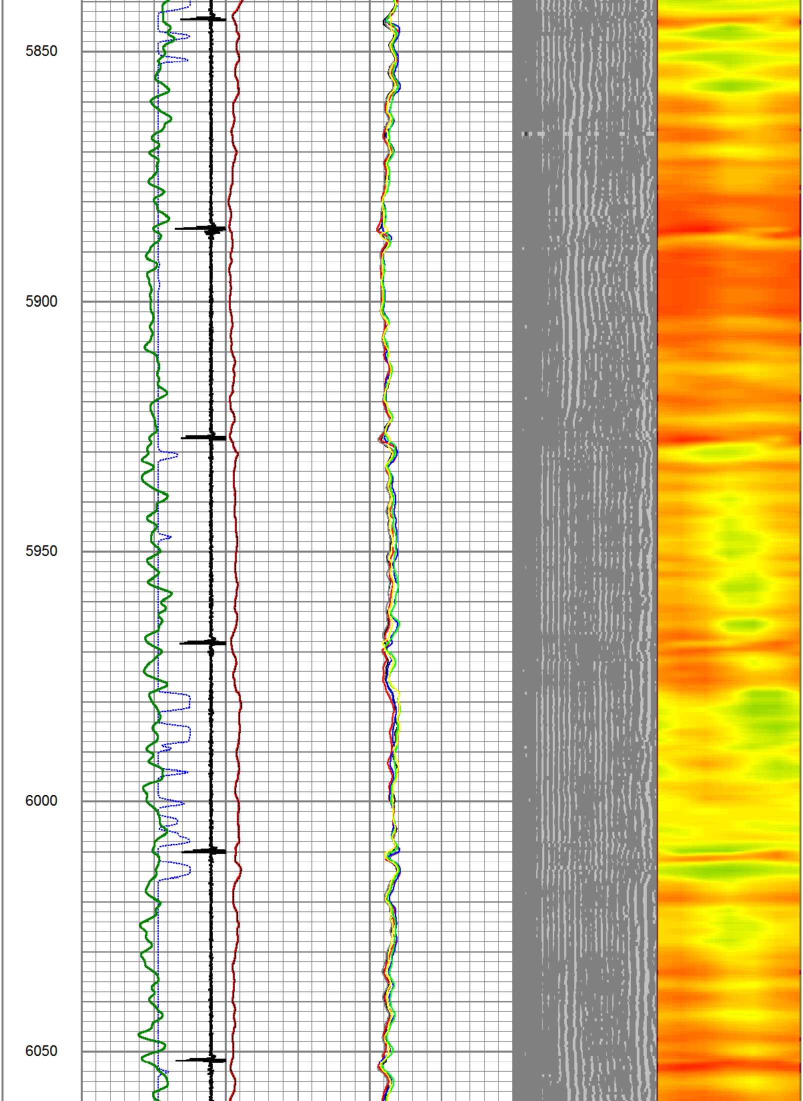

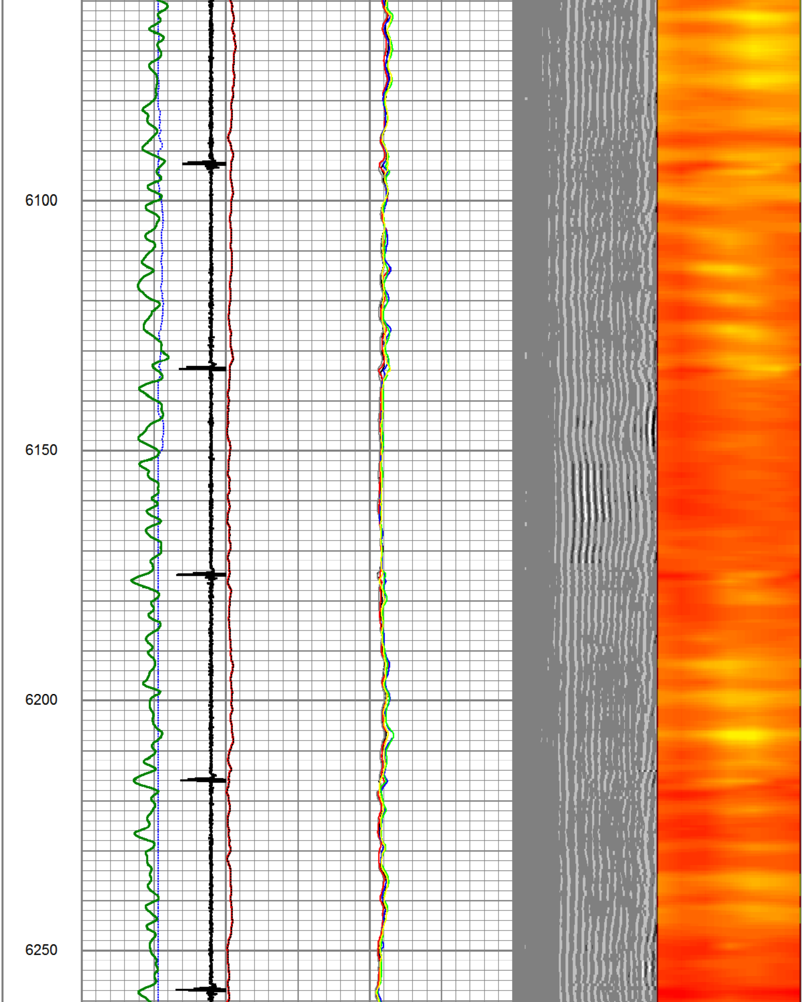

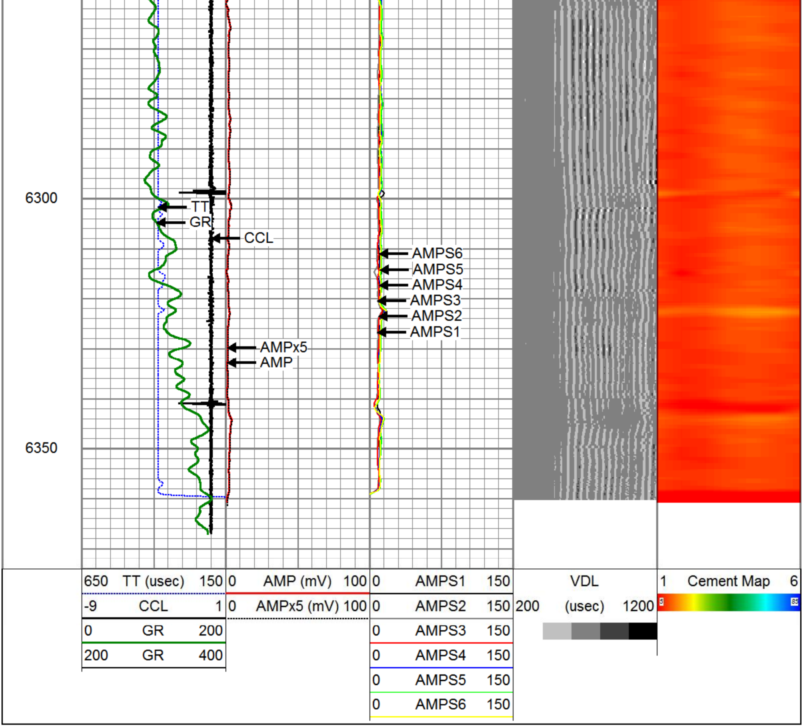

Calibration Report

Database File antelope 41-19 rbl civitas .db
Dataset Pathname pass12
Dataset Creation Thu Dec 18 15:07:03 2025

Gamma Ray Calibration Report

Serial Number: 8000-16892-XXXX
Tool Model: Titan-8000-16892
Performed: (Not Performed)

Calibrator Value: 1.0

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 /cps

Segmented Cement Bond Log Calibration Report

Serial Number:	IEHN3-03	
Tool Model:	Titan-8110-1686NPE	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	2730.967	ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.005	1.084	0.800	81.196	73.825	1.142
CAL	1.797	1.085				
5'	-0.004	0.988	0.800	81.196	81.079	1.095
SUM						
S1	0.074	1.475	0.000	81.196	57.962	-4.295
S2	0.089	1.467	0.000	81.196	58.888	-5.212
S3	0.079	1.423	0.000	81.196	60.388	-4.752
S4	0.071	1.356	0.000	81.196	63.160	-4.475
S5	0.063	1.289	0.000	81.196	66.229	-4.181
S6	0.078	1.419	0.000	81.196	60.523	-4.702
S7						
S8						

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	1.797	1.085	1.000	0.000

Air Zero Calibration, performed Tue Sep 16 09:22:09 2025:

	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			
S8			

Temperature Calibration Report

Serial Number:	IEHN3-03
Tool Model:	Titan-8110-1686NPE
Performed:	Fri Apr 25 14:57:38 2025

	Reference		Reading	
Low Reference:	0.00	degF	0.00	usec
High Reference:	1.00	degF	1.00	usec

Gain:	0.30
Offset:	0.00
Delta Spacing	1

Company	**CIVITAS**		
Well	**ANTELOPE 41-19**		
Field	**WATTENBERG**		
Parish		**State**	**CO**

RADIAL BOND
GAMMA RAY
COLLAR LOG