Company PDC Energy
Well George 02N
Field Wattenberg
County Weld
State Colorado

Radial Cement
Gamma Ray
CCL, Temp

Company	PDC Energy
Well	George 02N
Field	Wattenberg
County	Weld
State	Colorado

Location: API #: 05-123-51765
1783' FNL & 2386' FEL
SEC 21 TWP 4N RGE 64W

Other Services: None

			Elevation
Permanent Datum	GL	Elevation 4717'	K.B. 4742'
Log Measured From	KB	25FT	D.F. 4741'
Drilling Measured From	KB		G.L. 4717'

Date	13-June-2024
Run Number	One
Depth Driller	18012 FT
Depth Logger	7734 FT
Bottom Logged Interval	7731 FT
Top Log Interval	Surface
Open Hole Size	8.5"
Type Fluid	Water
Density / Viscosity	8.34 PPG
Max. Recorded Temp.	222°
Estimated Cement Top	1905 FT
Time Well Ready	ROA
Time Logger on Bottom	13:30
Equipment Number	836
Location	Greeley, CO
Recorded By	G. Lueck
Witnessed By	Garret

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9.625"	36#	Surface	2032 FT
Prot. String				
Production String	5.5"	20#	Surface	17983 FT
Liner				

Final Copy

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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

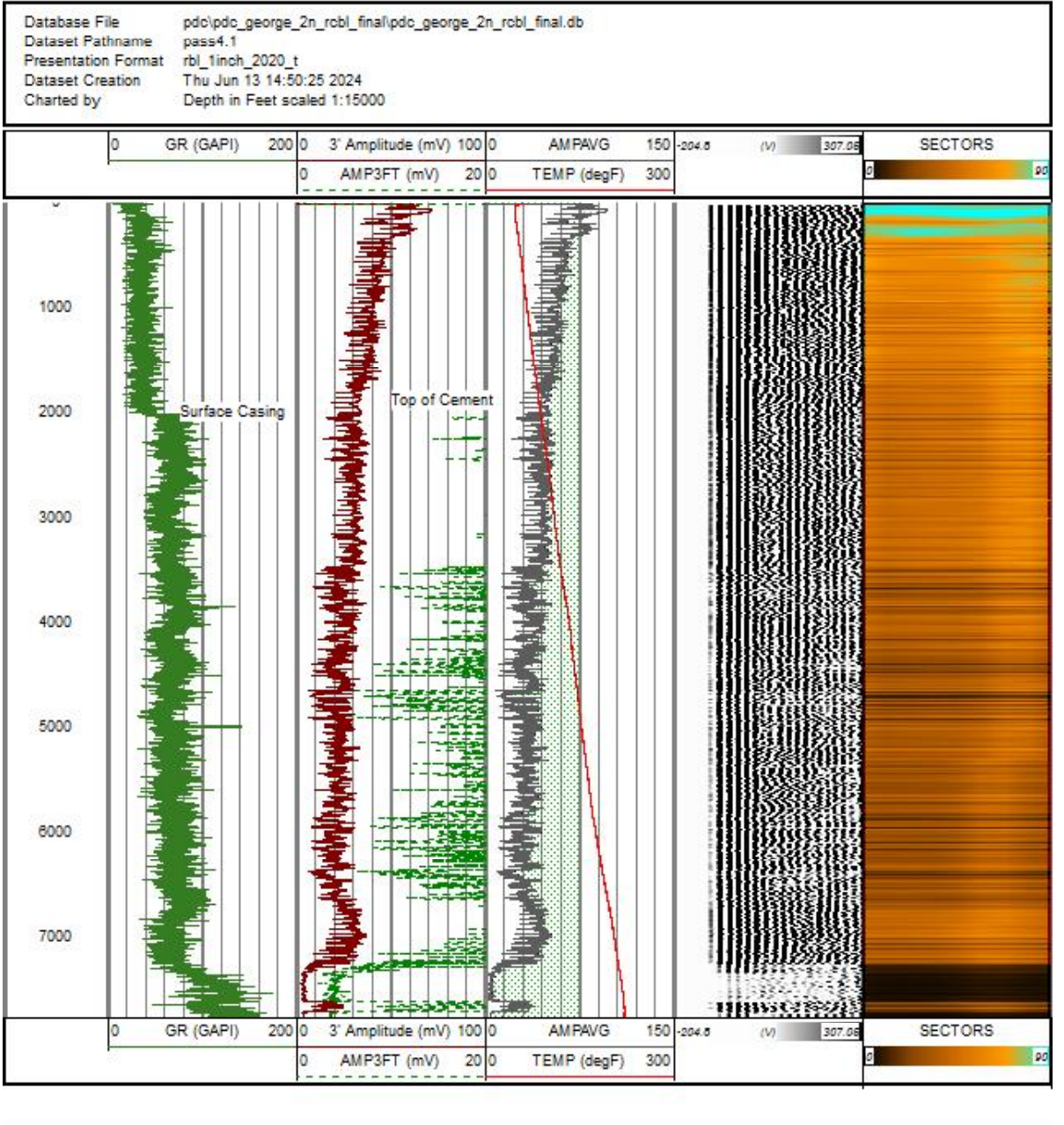
Marker Joint at 6455-6475 FT

Log Ran Under 0 PSI Surface Induced Pressure
Tools were Clean and Clear of Debris

Thank You For Using Go Wireline!

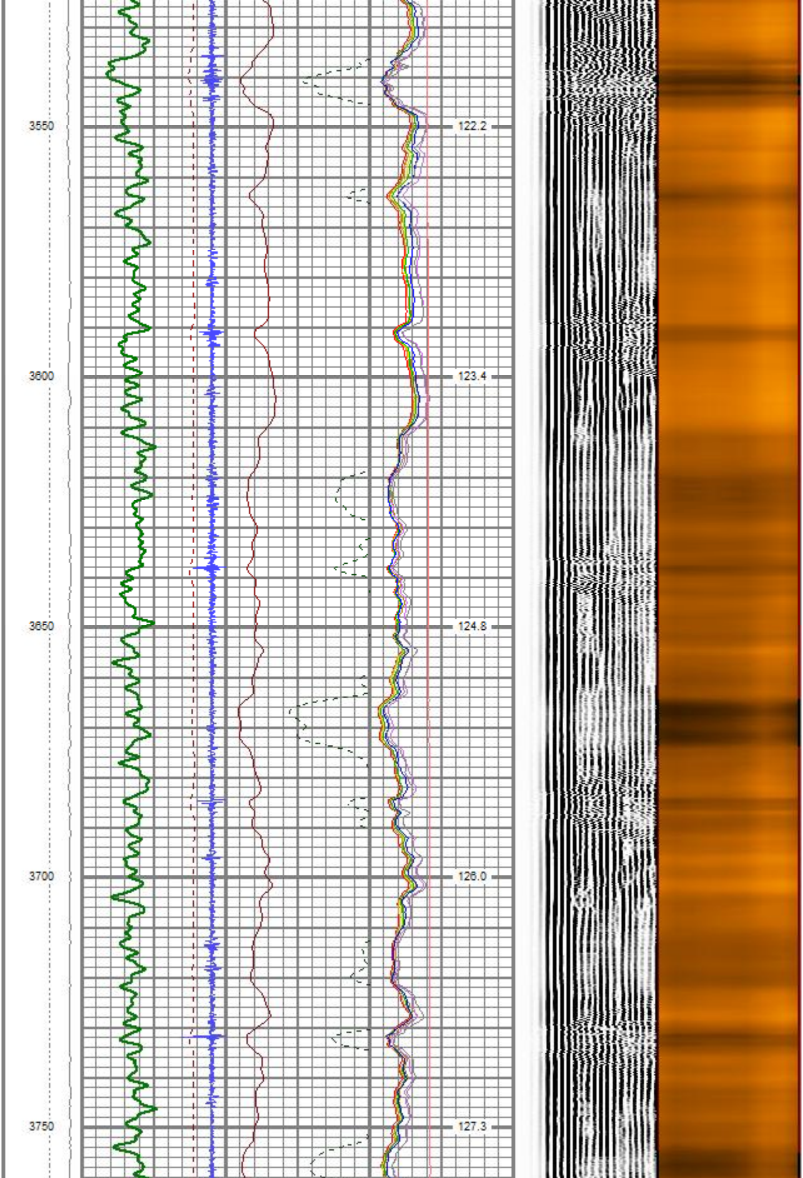
Main Pass

Database File	pdc\pdc_george_2n_rcbl_final\pdc_george_2n_rcbl_final.db
Dataset Pathname	pass4.1
Presentation Format	rbl_1inch_2020_t
Dataset Creation	Thu Jun 13 14:50:25 2024
Charted by	Depth in Feet scaled 1:15000



Main Pass

Database File	pdc\pdc_george_2n_rcbl_final\pdc_george_2n_rcbl_final.db
Dataset Pathname	pass4.1
Presentation Format	rbl_all_8_2020_t
Dataset Creation	Thu Jun 13 14:50:25 2024
Charted by	Depth in Feet scaled 1:240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3650
124.8
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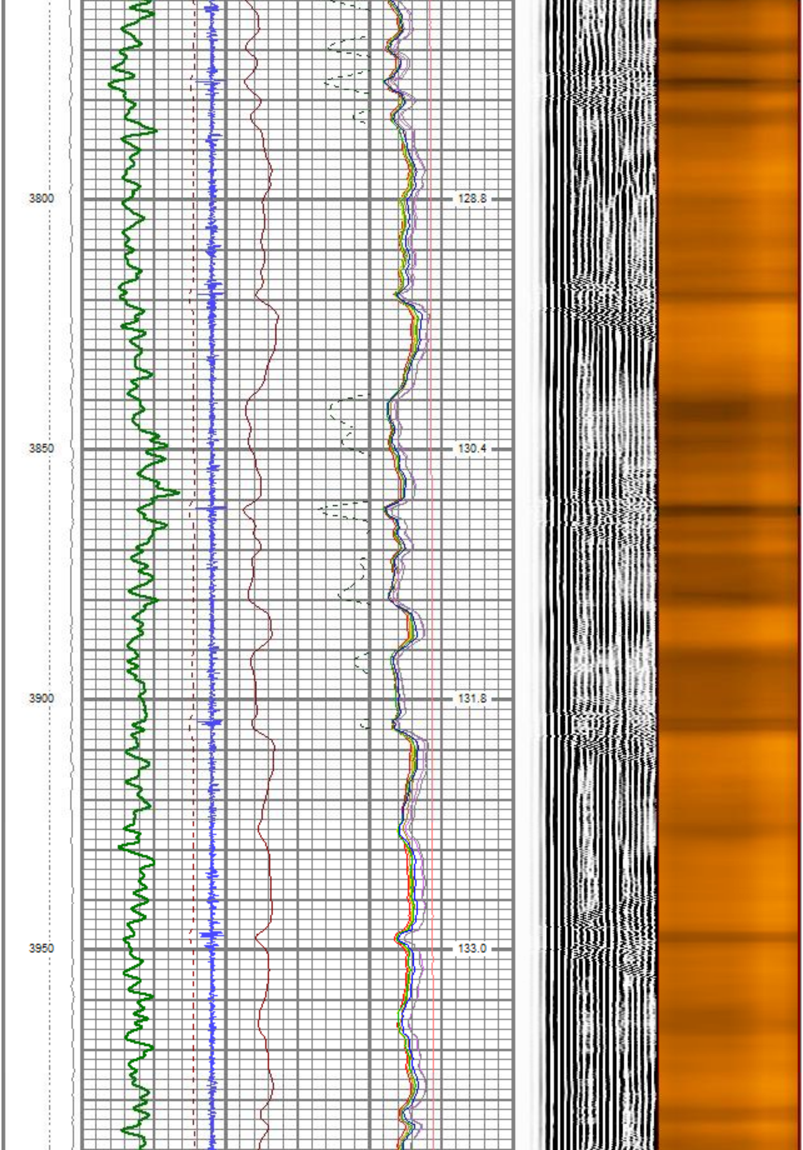
3750
127.3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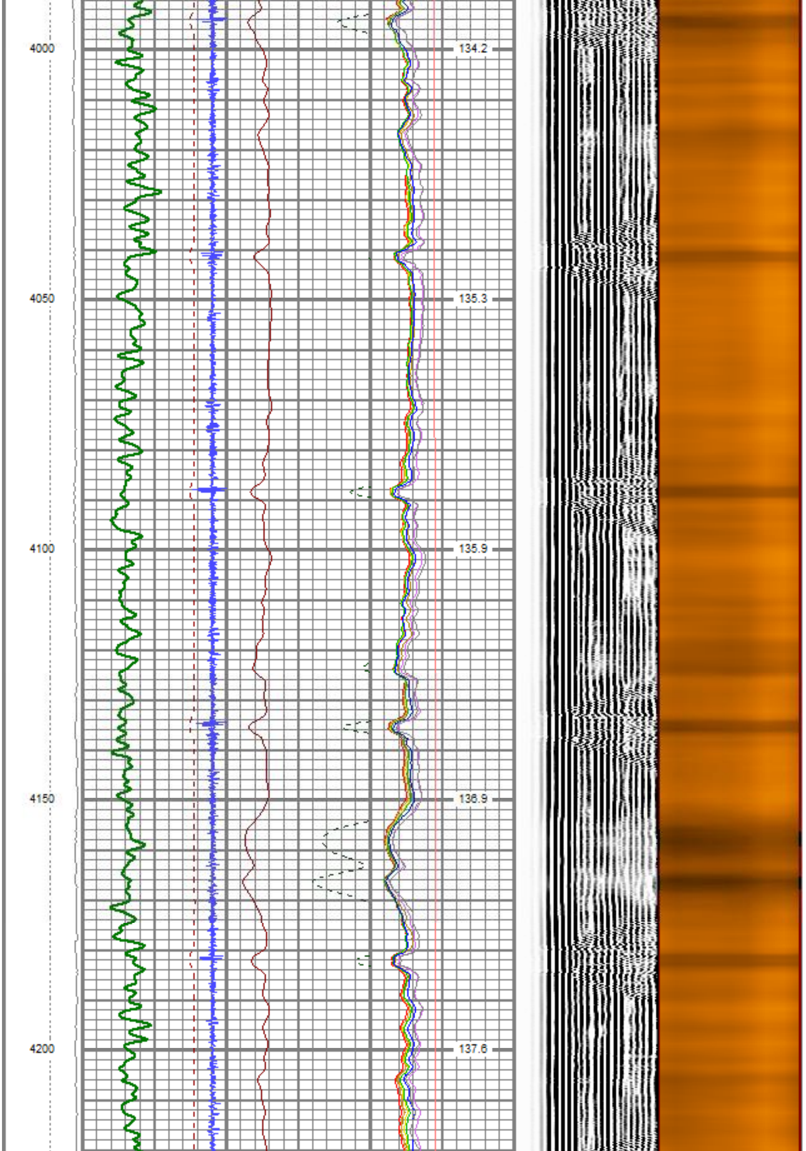
133.0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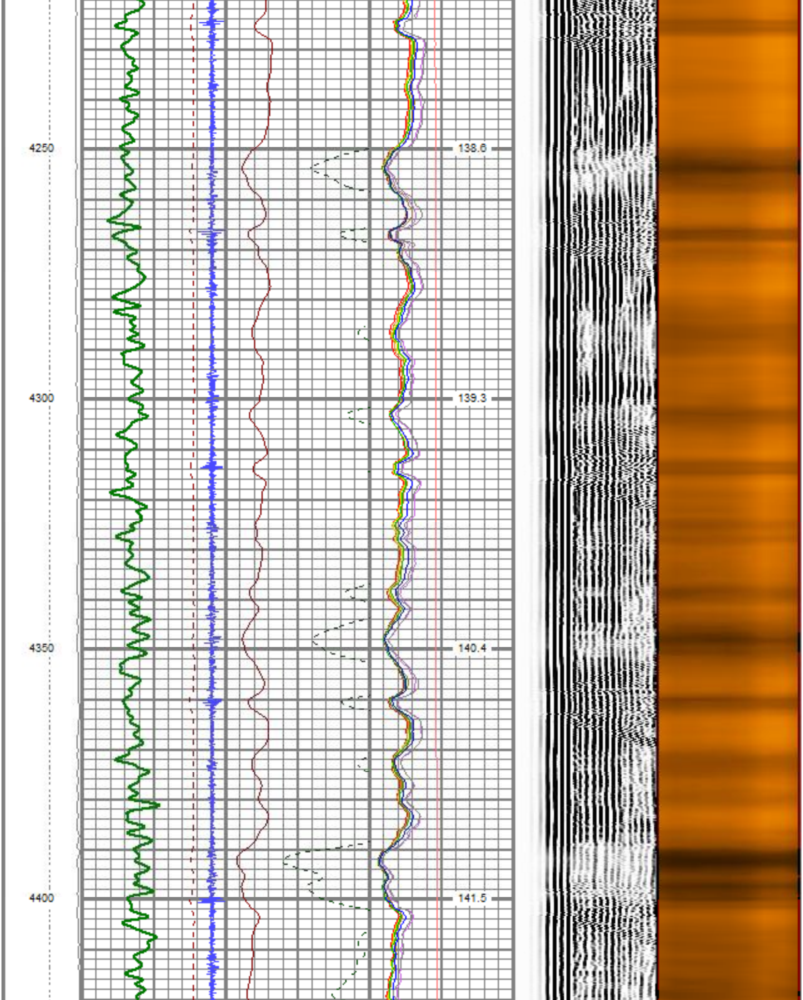
137.6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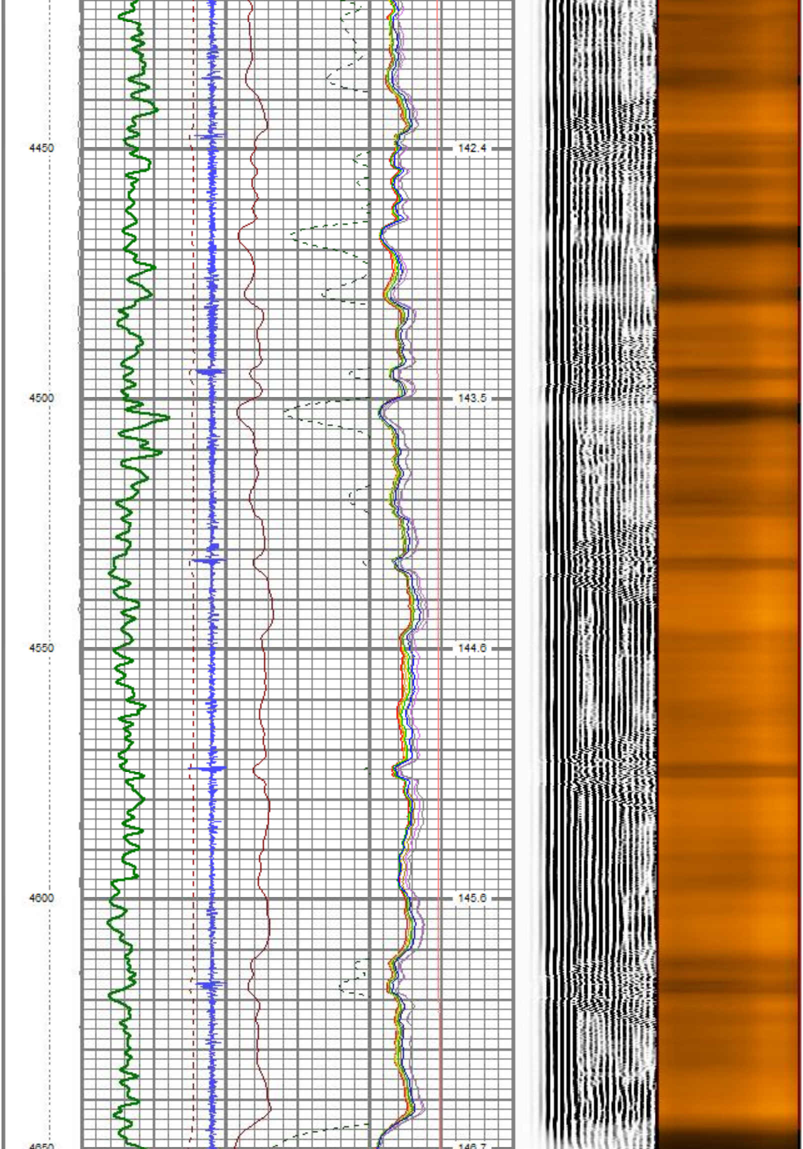
4300
139.3
4350
140.4
4400
141.5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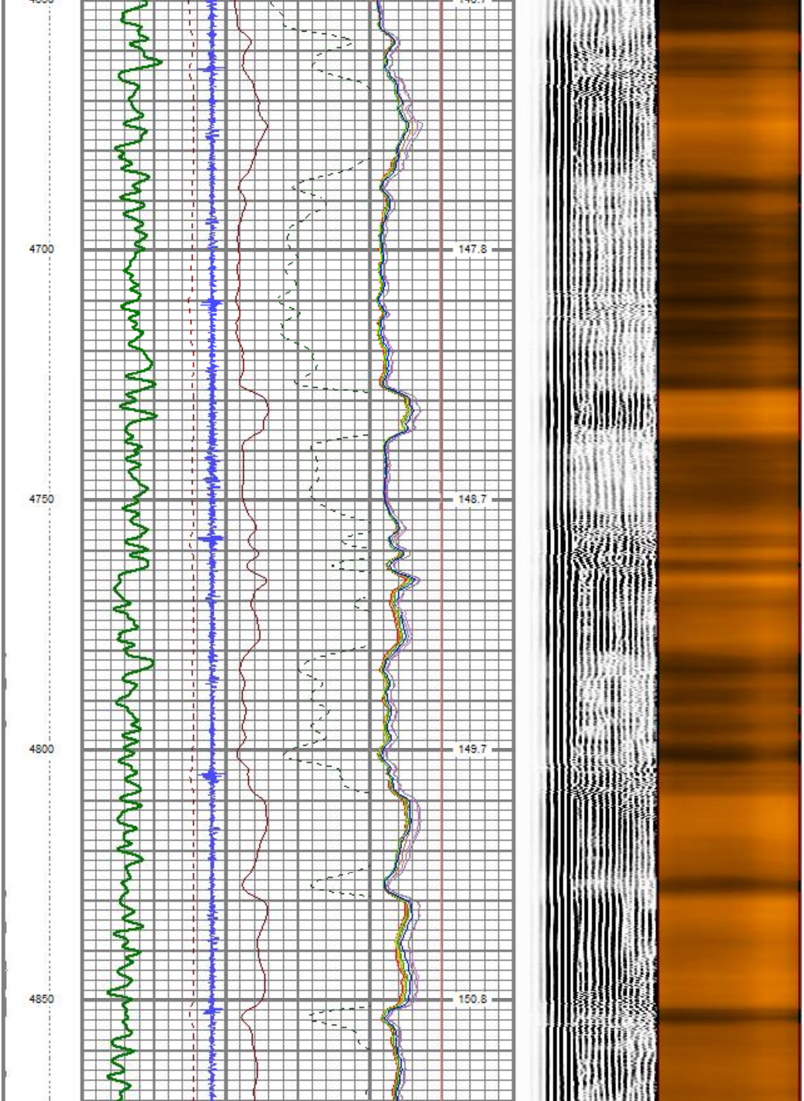
146.7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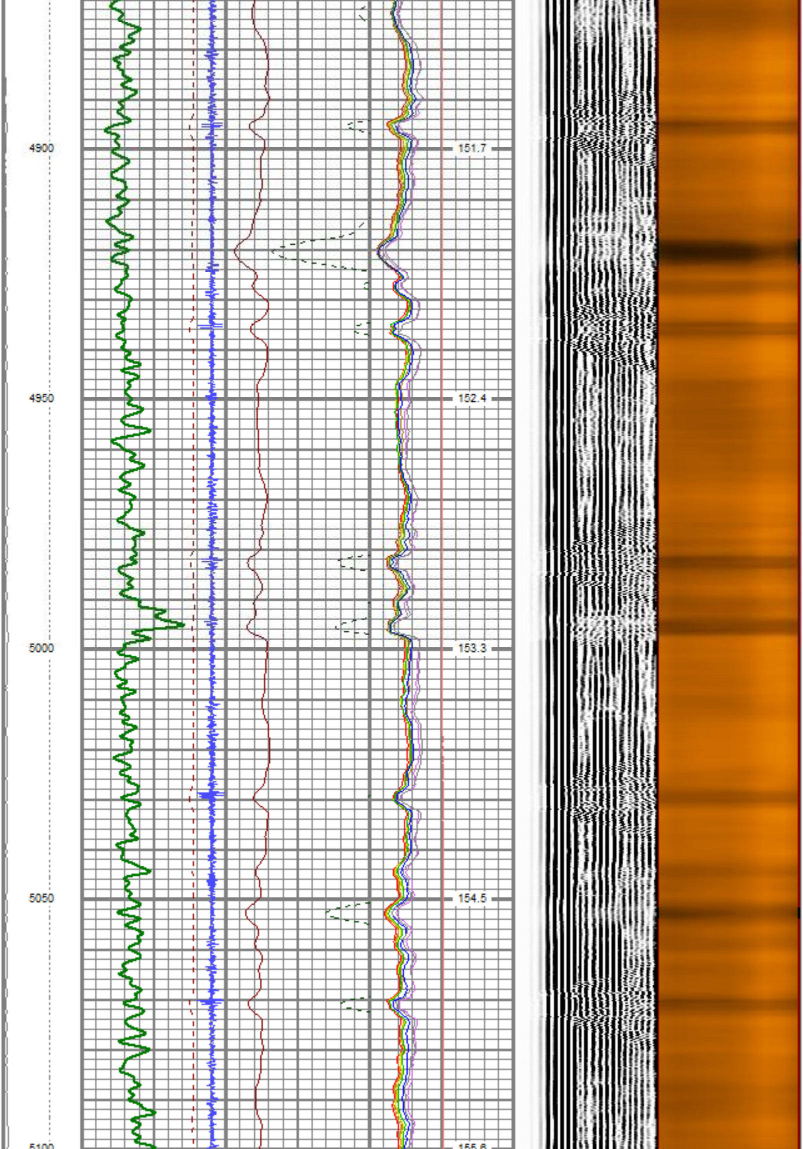
150.8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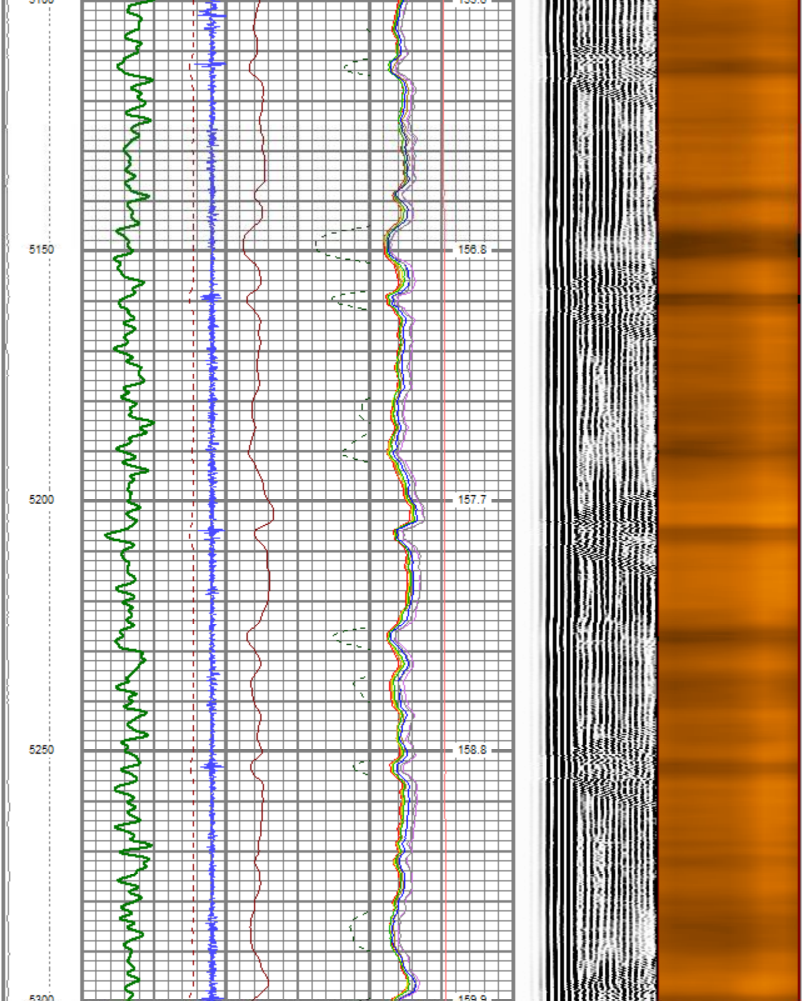
5100
155.6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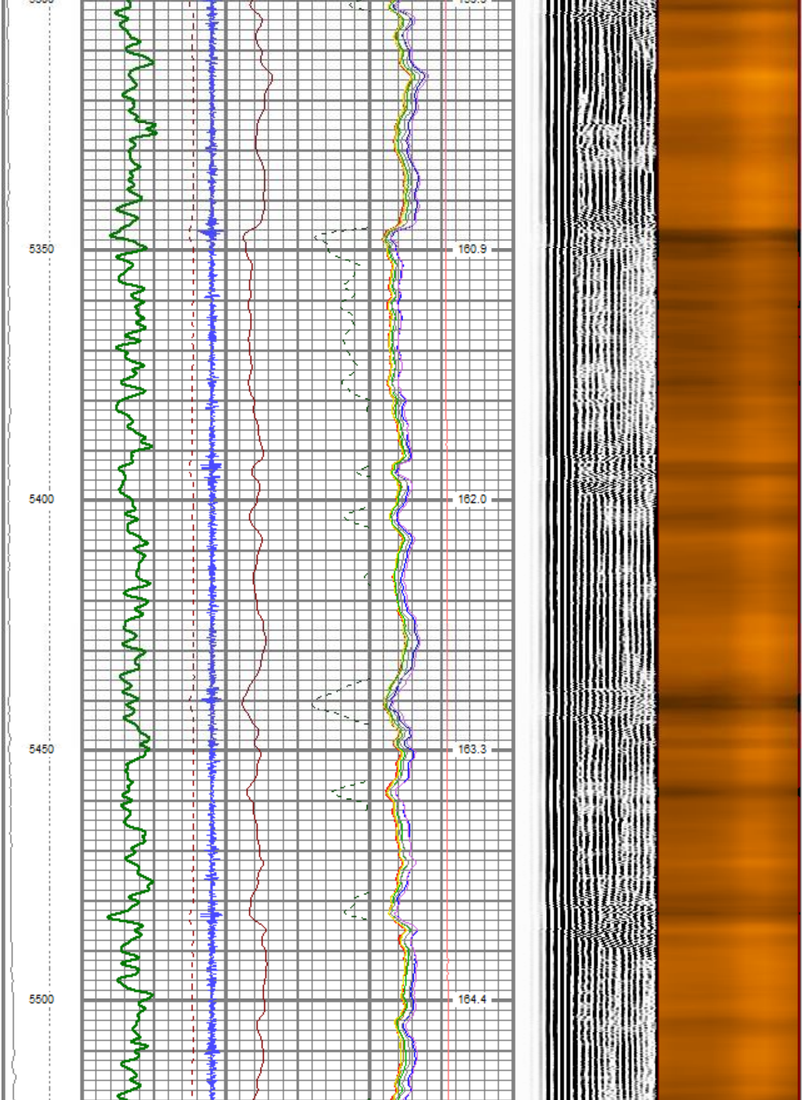
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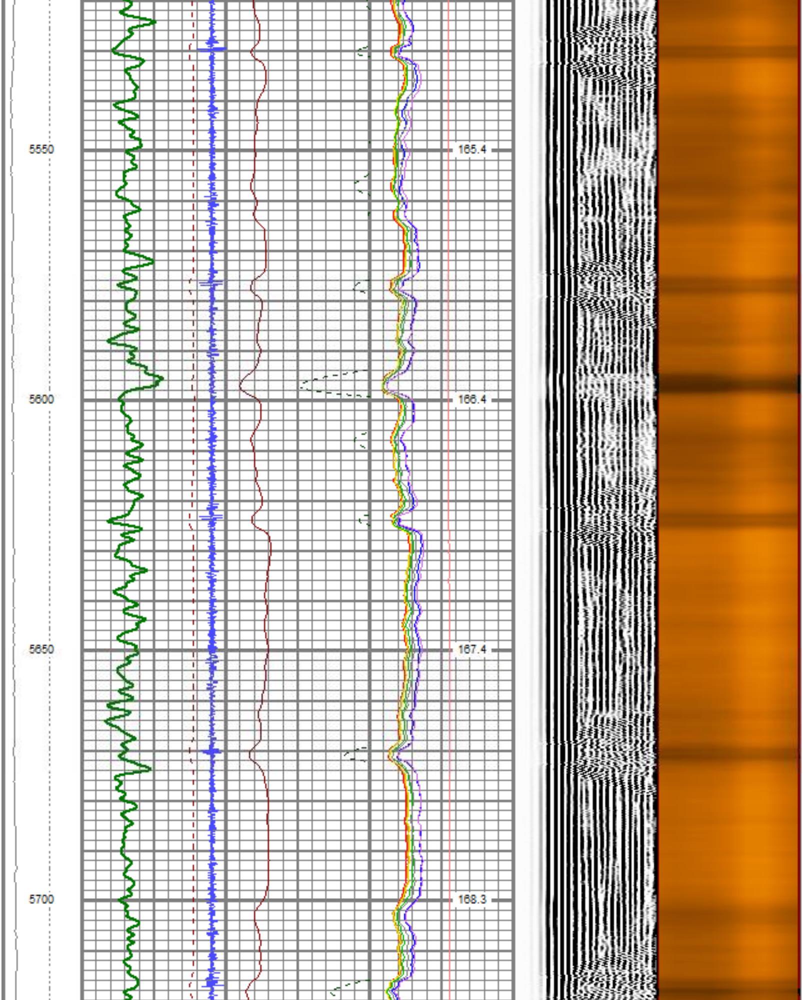
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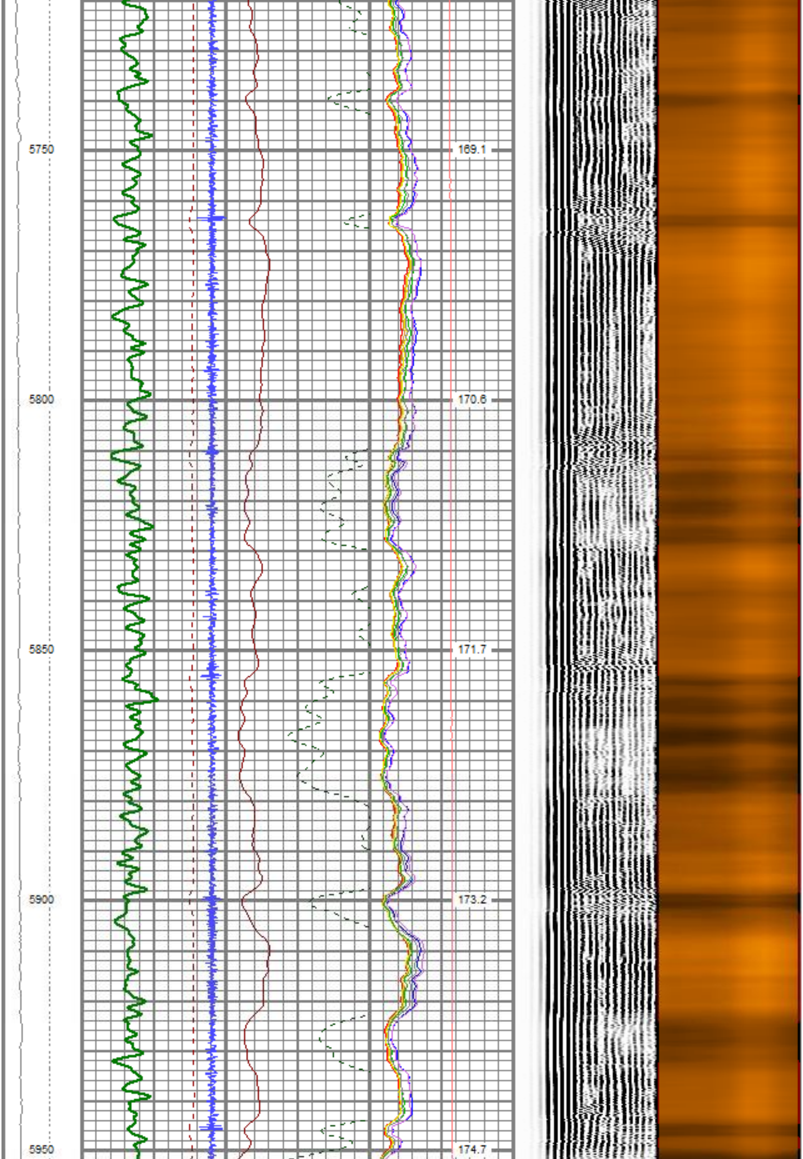
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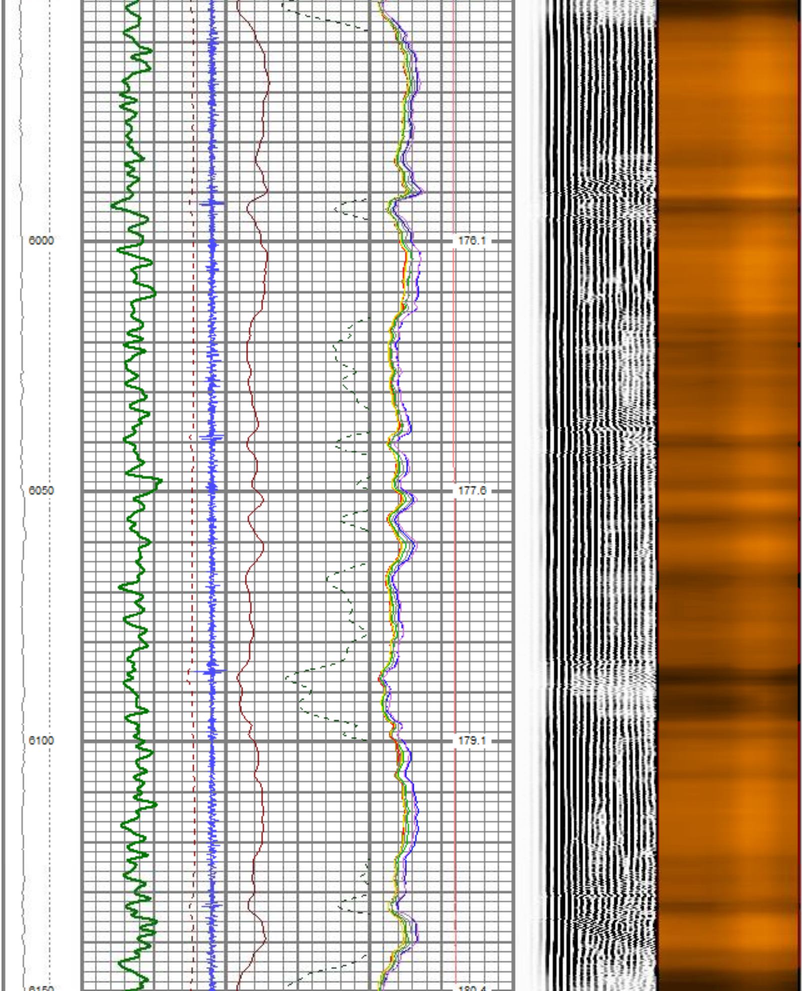
174.7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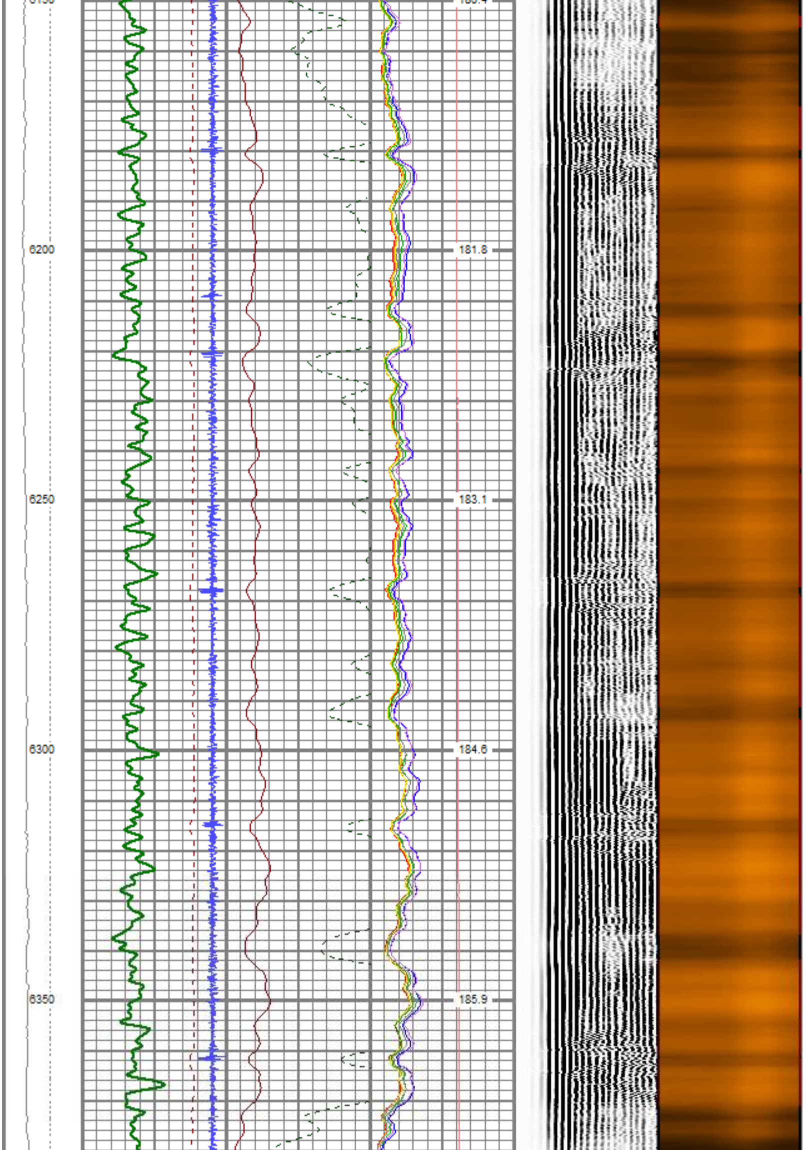
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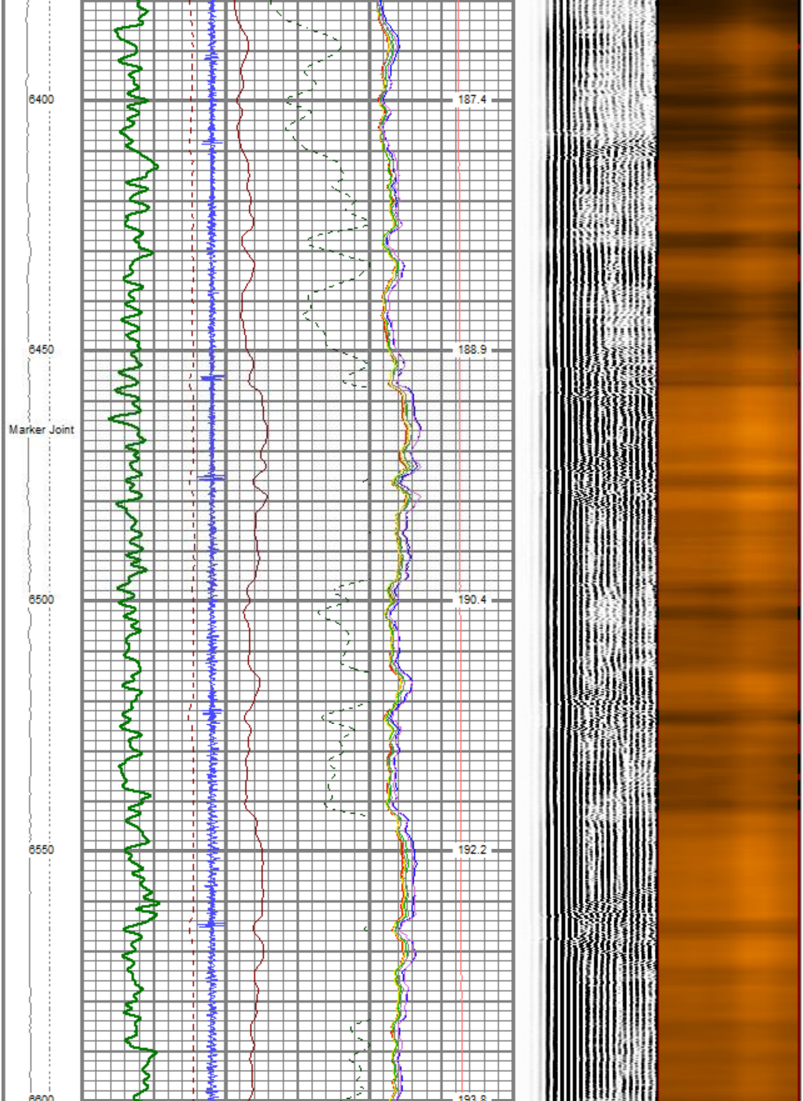
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Marker Joint
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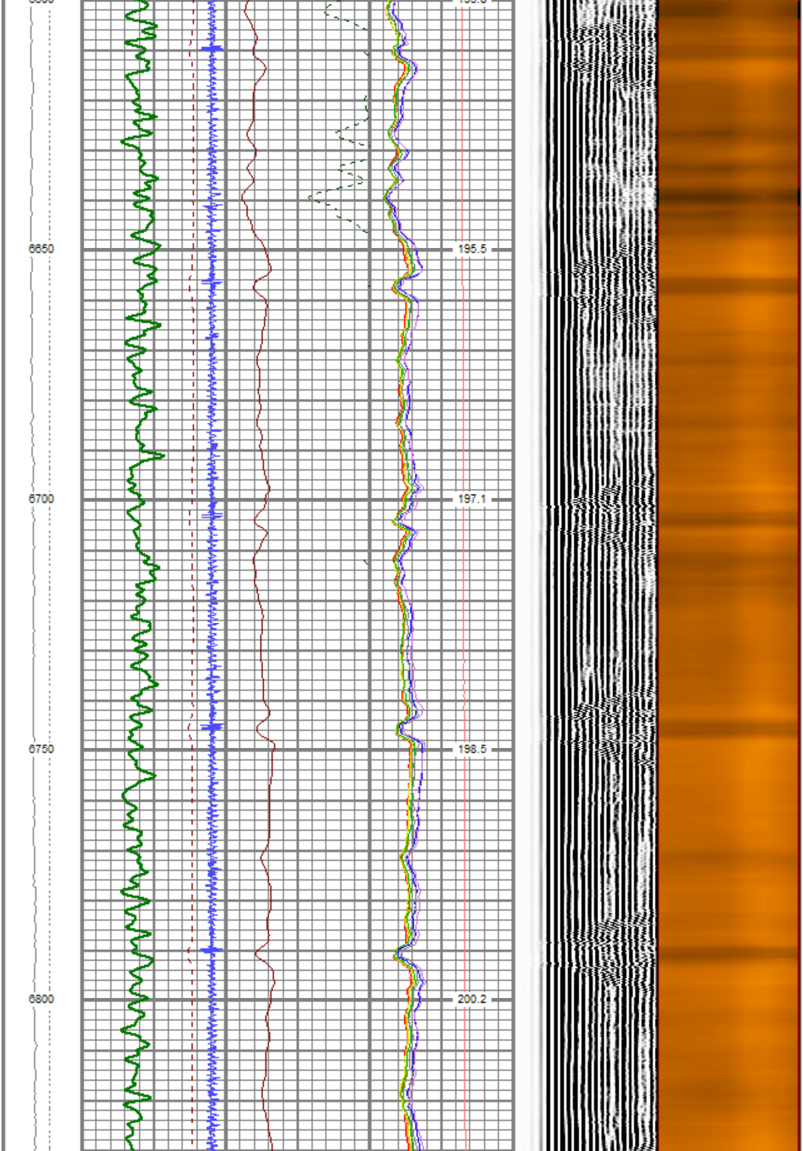
190.4
6550
192.2
6600
193.8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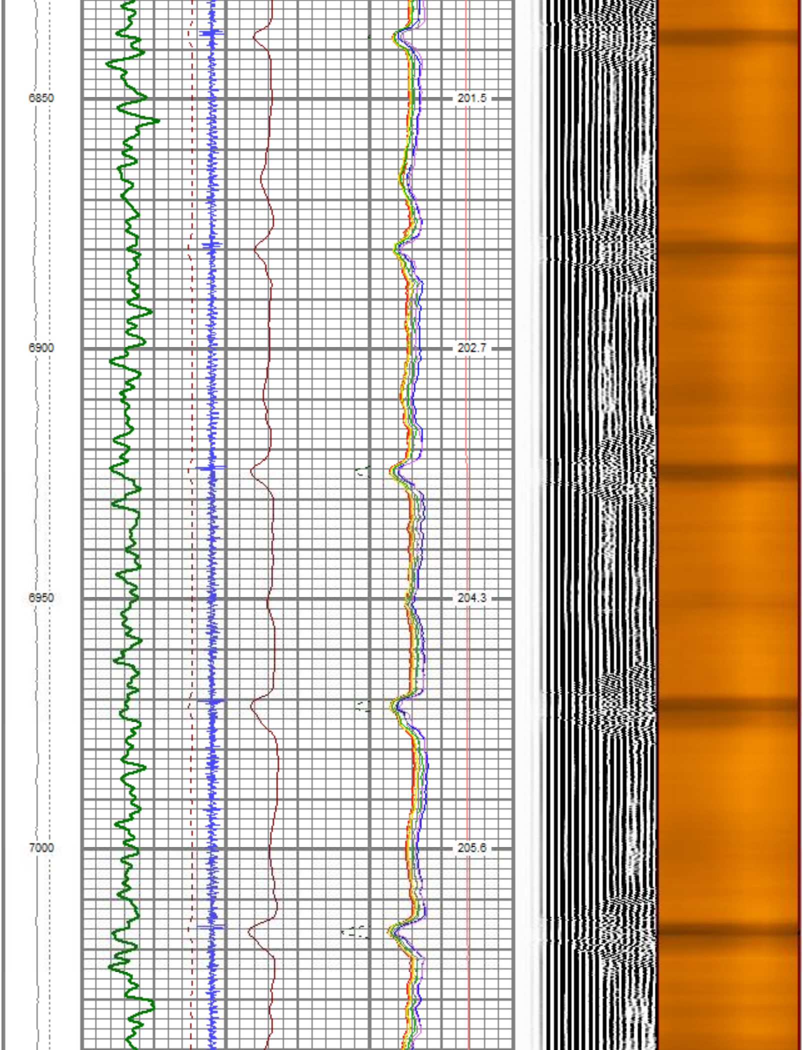
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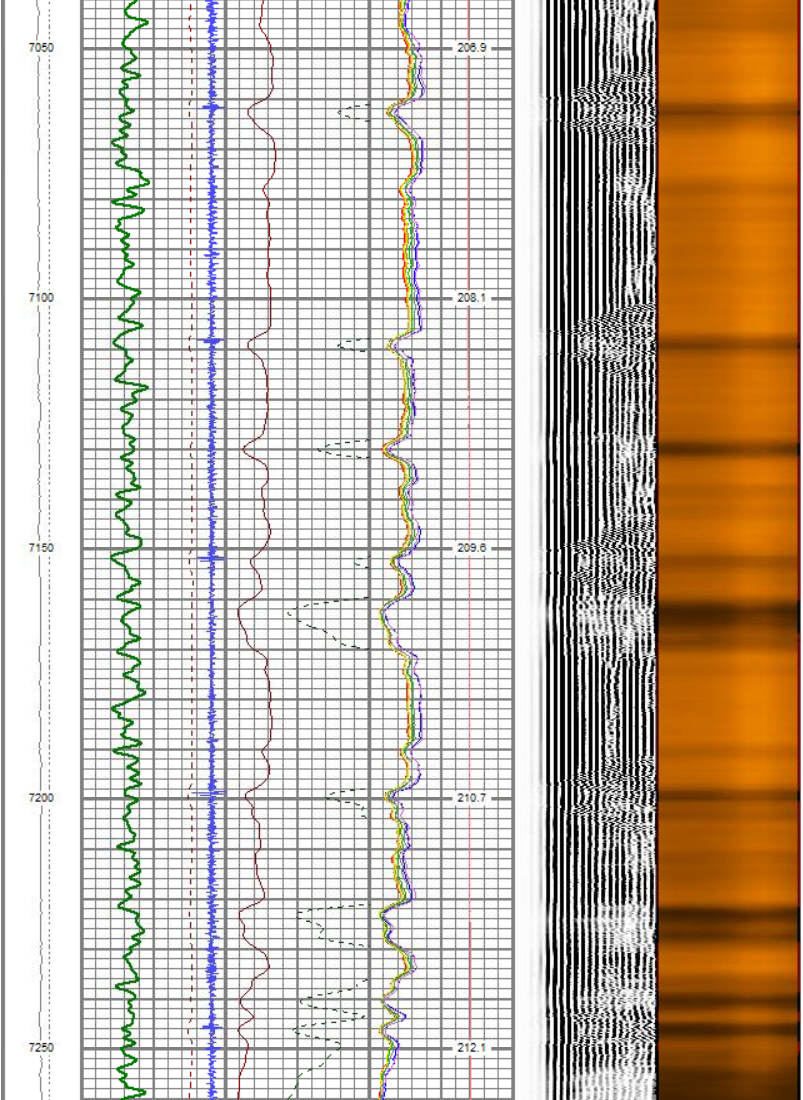
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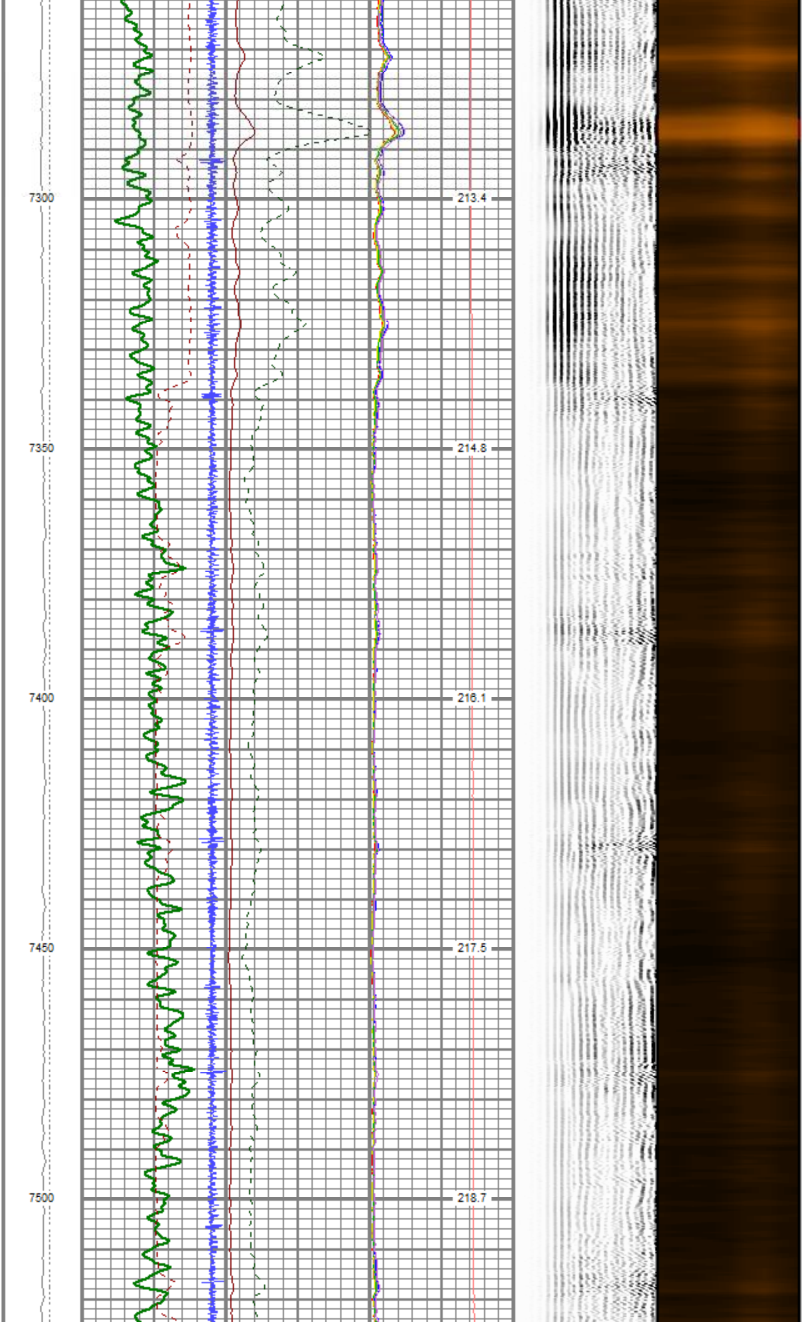
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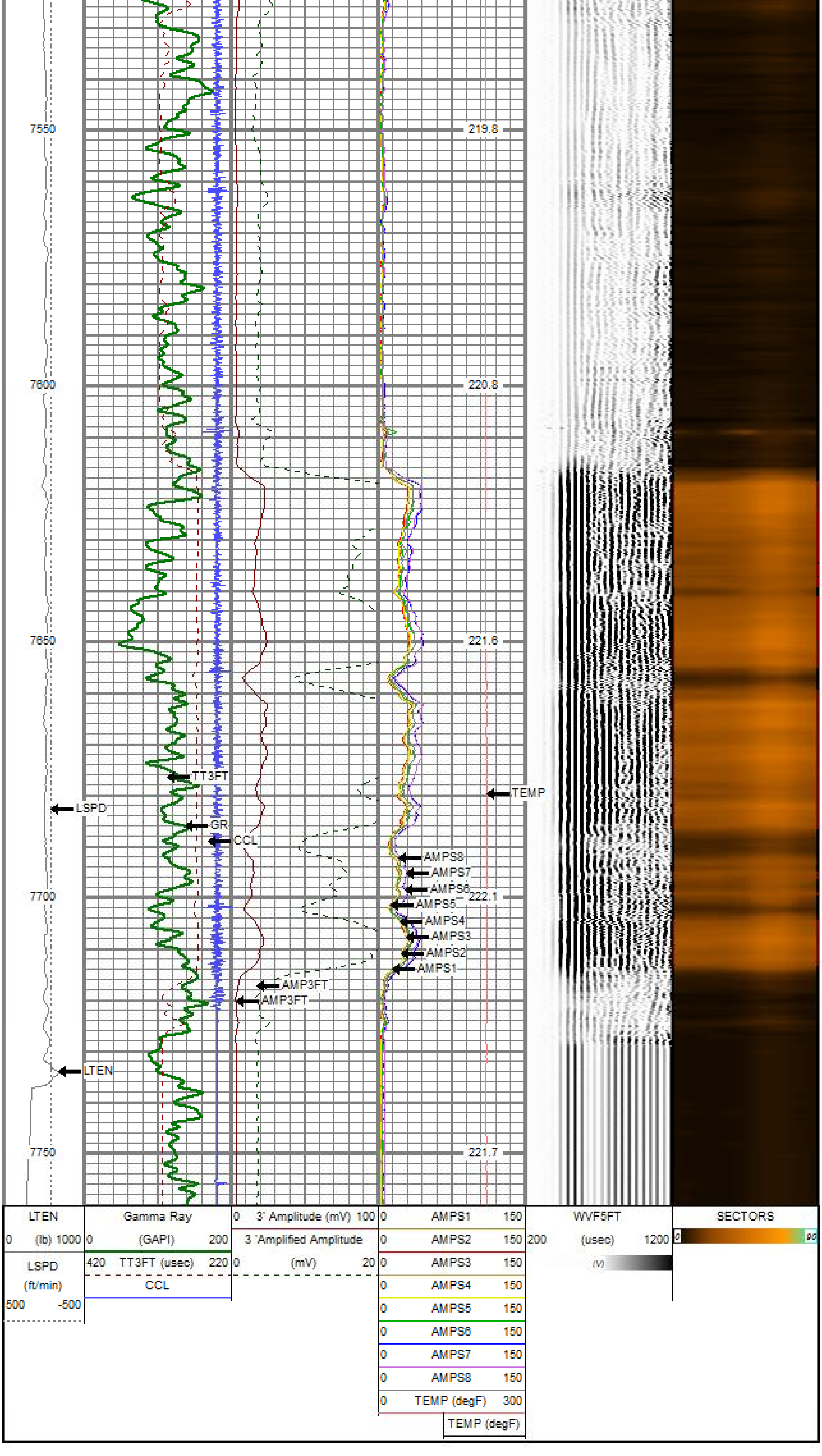
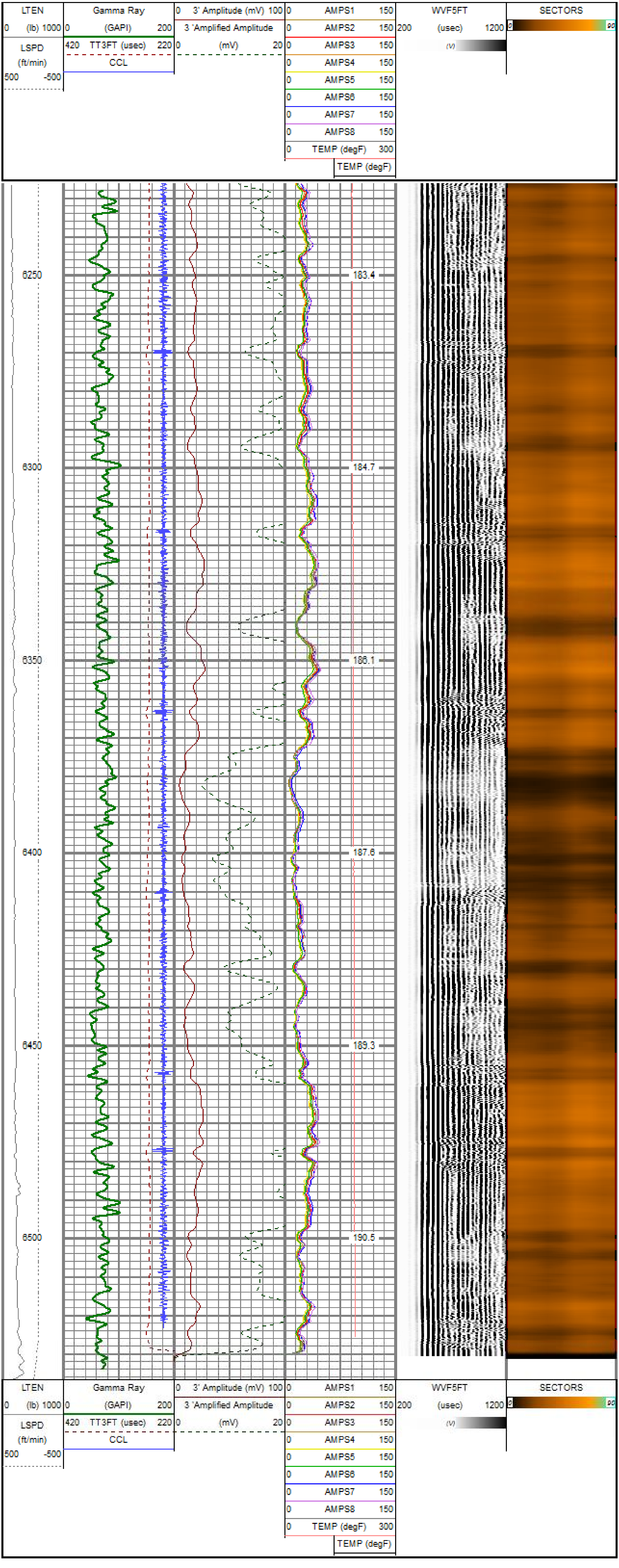
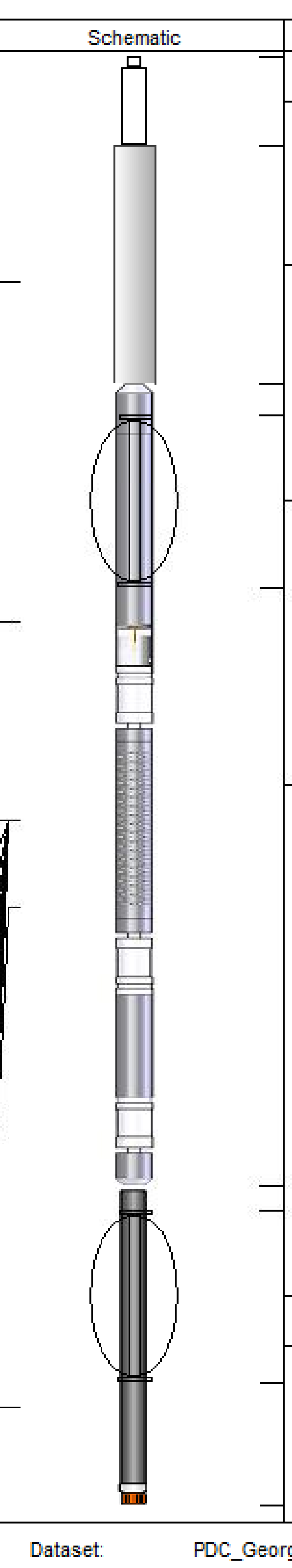


Repeat Pass

Database File pdc\pdc_george_2n_rcbl_final\pdc_george_2n_rcbl_final.db
Dataset Pathname pass2
Presentation Format rbl_all_8_2020_t
Dataset Creation Thu Jun 13 13:22:26 2024
Charted by Depth in Feet scaled 1:240



Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-AES (000001) Cable Head	1.04	1.69	2.00
CCL	14.04		CCL-CC275-0100 (CC275-0100_base) Probe 6 MAGNET CCL	2.72	2.75	30.00
			CENT-Overbody	2.00	4.50	3.00
TEMP	10.15					
			PROBE-RBT-DIGITAL-RBL-DCT (140139_DD1) Probe 2 3/4" Radii Bond with Temp-Corrosion Package	9.21	2.75	105.00
WVFS8	7.85					
WVFS7	7.85					
WVFS6	7.85					
WVFS5	7.85					
WVFS4	7.85					
WVFS3	7.85					
WVFS2	7.85					
WVFS1	7.85					
WVFCAL	7.85					
WVF3FT	7.85					
WVF5FT	6.85					
			CENT-Overbody	2.00	4.50	3.00
			GR-probe 2.75 (080632)	3.67	2.75	100.00
GR	1.13					

Dataset: PDC_George_2N_RCBL_Final.db: field/well/run1/pass4.1
Total length: 16.63 ft
Total weight: 243.00 lb
O.D.: 4.50 in

Calibration Report

Database File C:\ProgramData\Warrior\Data\PDC\PDC_George_2N_RCBL_Final\PDC_George_2N_RCBL_Final.db
Dataset Pathname pass4.1
Dataset Creation Thu Jun 13 14:50:25 2024

Gamma Ray Calibration Report

Serial Number: 080632
Tool Model: probe 2.75
Performed: Wed Aug 30 13:58:17 2023

Calibrator Value: 207.0 GAPI

Background Reading: 112.3 cps
Calibrator Reading: 404.7 cps

Sensitivity: 0.7080 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: 140139_DD1
Tool Model: RBL-DCT

Calibration Casing Diameter: 5.500 in
Calibration Depth: 151.208 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	0.835	0.500	71.921	85.565	0.500
CAL	0.014	1.025				
5'	0.000	0.806	0.500	71.921	88.563	0.500
SUM						
S1	-0.008	0.963	0.000	100.000	102.906	0.869
S2	-0.001	0.996	0.000	100.000	100.362	0.089
S3	-0.001	0.923	0.000	100.000	108.169	0.109
S4	0.000	0.852	0.000	100.000	117.349	-0.000
S5	-0.000	0.796	0.000	100.000	125.528	0.018
S6	-0.000	0.787	0.000	100.000	127.084	0.028
S7	0.000	0.816	0.000	100.000	122.601	-0.001
S8	0.000	0.892	0.000	100.000	112.107	-0.000

Air Zero Calibration, performed Wed Jun 12 13:22:55 2024:

	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

Temperature Calibration Report

Serial Number: 140139_DD1
Tool Model: RBL-DCT
Performed: Sun Nov 19 10:23:30 2023

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

Gain: 0.82
Offset: 0.00
Delta Spacing 1

Company	PDC Energy
Well	George 02N
Field	Wattenberg
County	Weld
State	Colorado
Country	