GAMMA RAY CCL
CEMENT BOND
SECTOR VDL

Company CRESTONE PEAK RESOURCES OPERATING
Well SHELTON 25W-25-15
Field WATTENBERG
County WELD
State COLORADO

Company CRESTONE PEAK RESOURCES OPERATING
Well SHELTON 25W-25-15
Field WATTENBERG
County WELD State COLORADO
Location: API # : 05-123-51892
NE/SE
SEC 25 TWP 4N RGE 65W
Other Services

Permanent Datum	GL	Elevation	4836
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4861
D.F.
G.L. 4836

Date	MARCH 13, 2023
Run Number	ONE
Depth Driller	20,552
Depth Logger	7510
Bottom Logged Interval	7510
Top Log Interval	SURFACE
Open Hole Size	8-1/2
Type Fluid	WATER
Density / Viscosity	N/A
Max. Recorded Temp.	253°F
Estimated Cement Top	SURFACE
Time Well Ready	ROA
Time Logger on Bottom	10:00
Equipment Number	802
Location	KERSEY, CO
Recorded By	GREG NOLAN
Witnessed By	FRANK KINNEY

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9-5/8	36# J-55	SURFACE	1750
Prot. String				
Production String	5-1/2	20# P-110	SURFACE	20,552
Liner				

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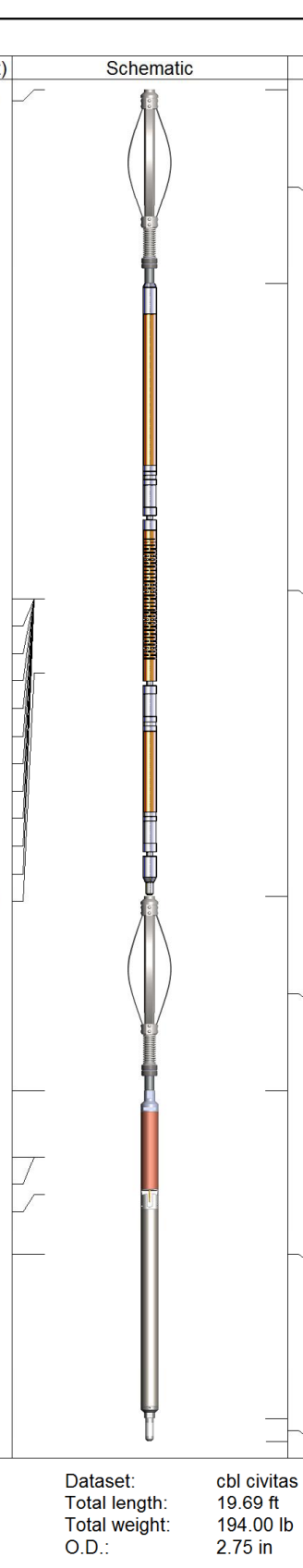
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

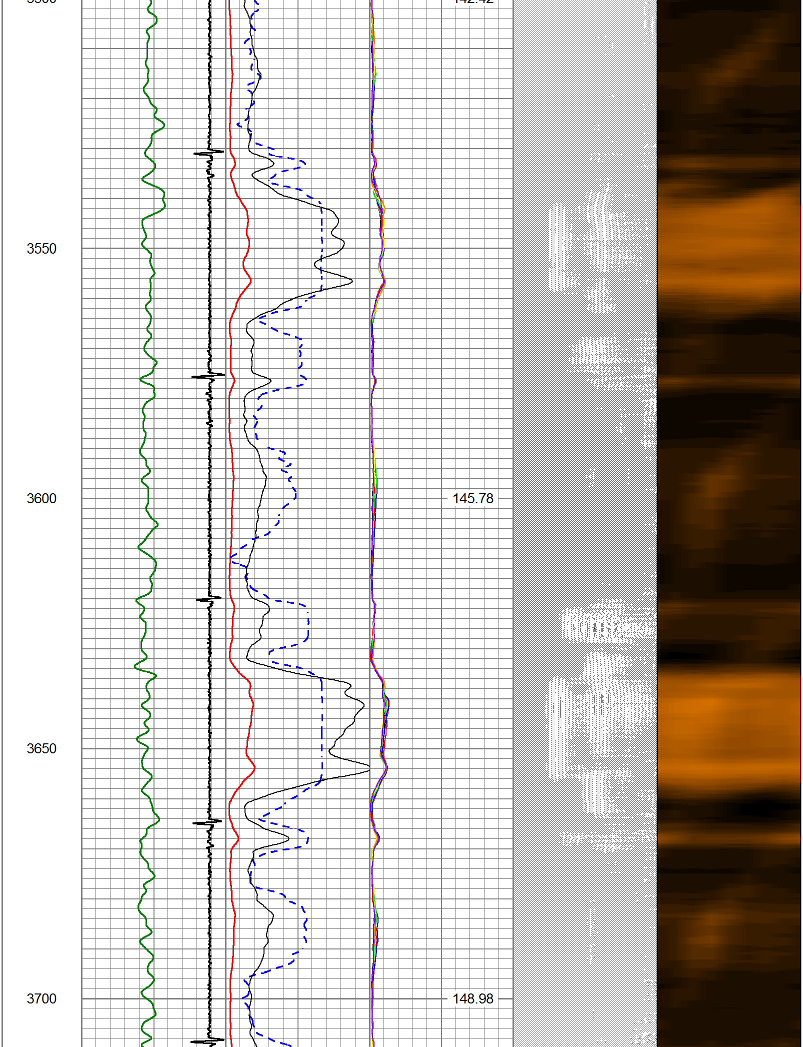
THANK YOU FOR CHOOSING SUREFIRE WIRELINE WEST!!!
LOG RECORDED USING 25' KB
S< O X O O O O O O O O O O O O O O O >N
X= SHELTON 25W-25-15



Sensor	Offset (ft)	Description	Length (ft)	O.D. (in)	Weight (lb
ErrCt	19.69				
		CENT-BC275-0000 Probe 2.75" Bowspring Centralizer	2.83	2.75	24.00
WVFSYNC	12.27	RBT-Probe (FW1905-055) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
WVFS8	12.27				
WVFS7	12.27				
WVFS6	12.27				
WVFS5	12.27				
WVFS4	12.27				
WVFS3	12.27				
WVFS2	12.27				
WVFS1	12.27				
WVFCAL	12.27				
WVF3FT	12.27				
WVF5FT	11.19				
		CENT-BC275-0000 Probe 2.75" Bowspring Centralizer	2.83	2.75	24.00
GCT_HV	5.10				
CCL$2	4.14				
CCL$1	4.14				
GCT_Temp	3.59				
GR	2.72	GC-GCT275-0000 (FW1905-098) Probe Gamma Ray - CCL w/ Temp	4.77	2.75	55.00
		Plug-FA108-0000 1.38" Bull Plug	0.33	1.38	1.00

Dataset:	cbl civitas shelton 25w-25-15.db: field/well/run1/pass3
Total length:	19.69 ft
Total weight:	194.00 lb
O.D.:	2.75 in

Database File	cbl civitas shelton 25w-25-15.db
Dataset Pathname	pass3
Presentation Format	civitas
Dataset Creation	Mon Mar 13 10:17:13 2023
Charted by	Depth in Feet scaled 1:240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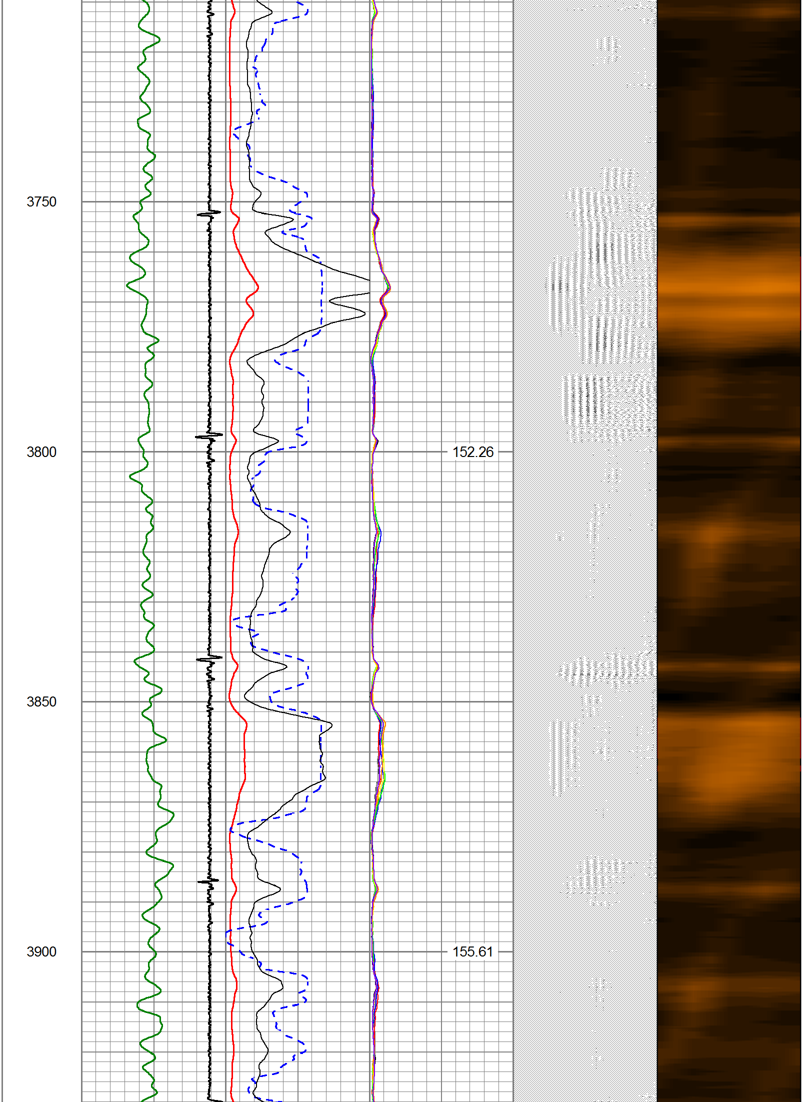
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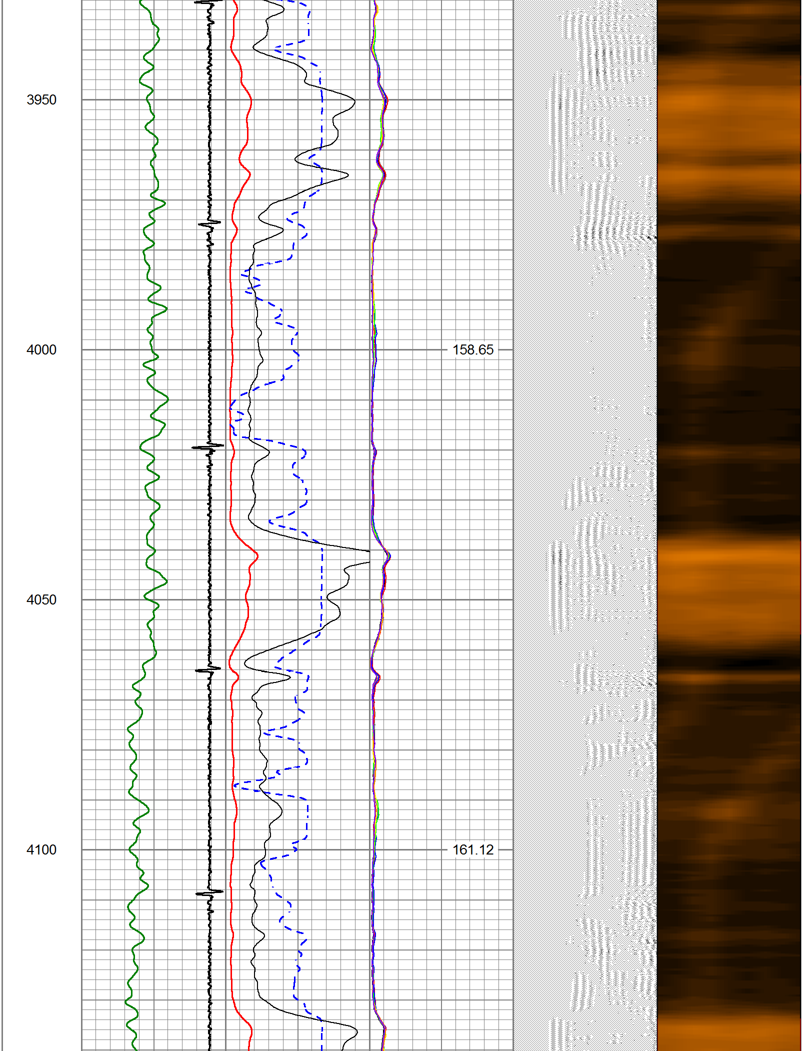
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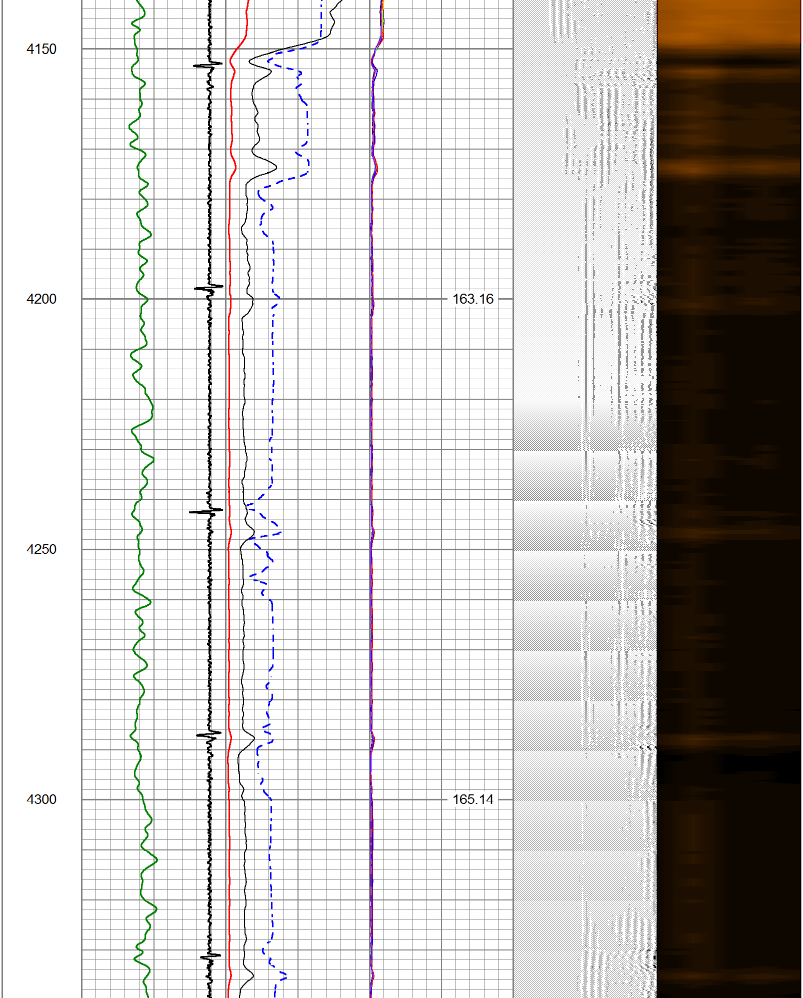
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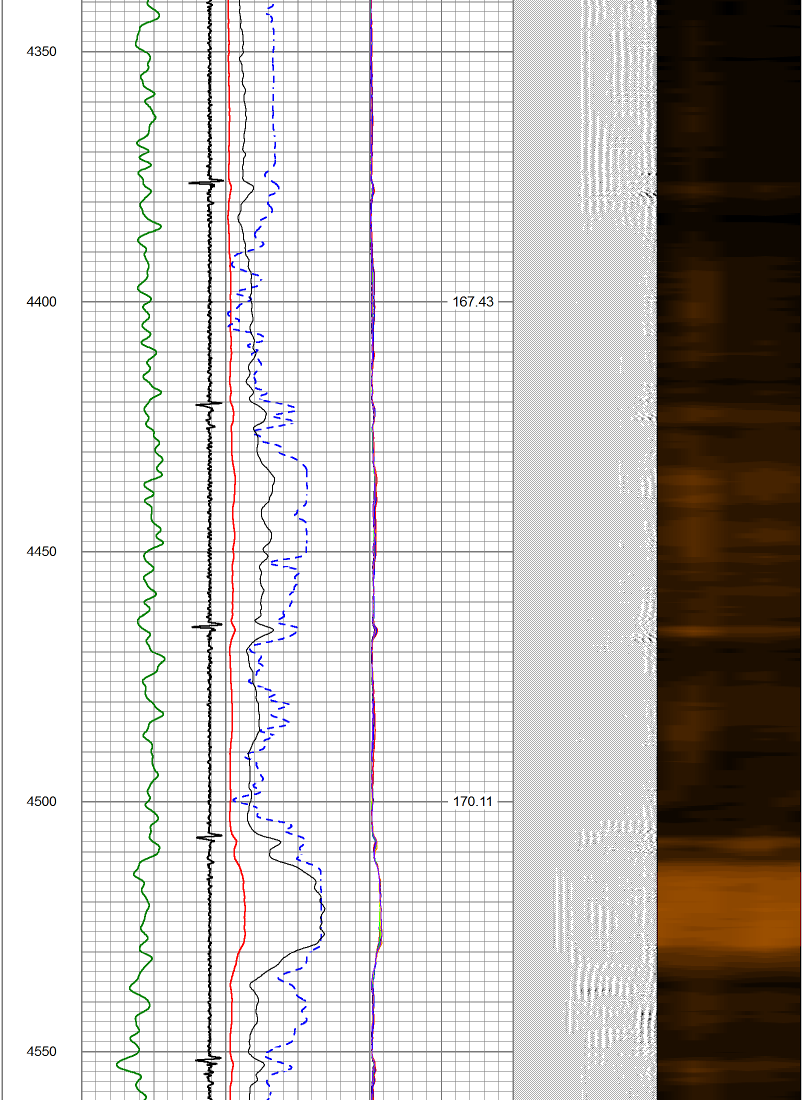
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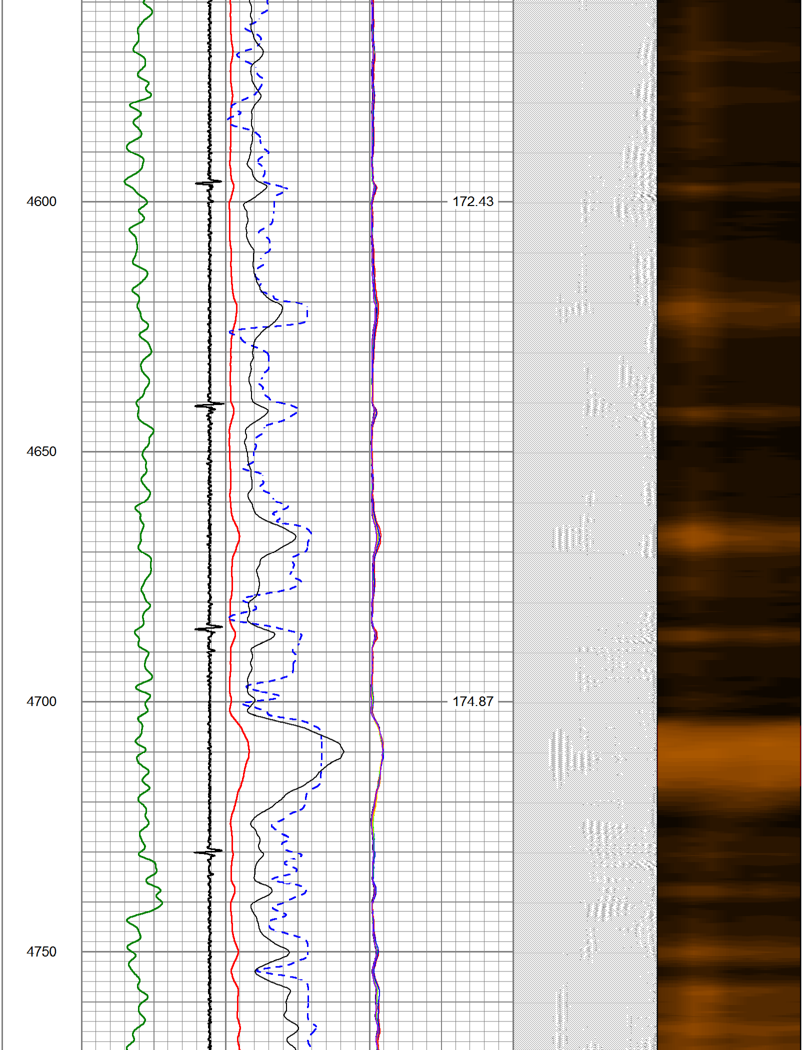
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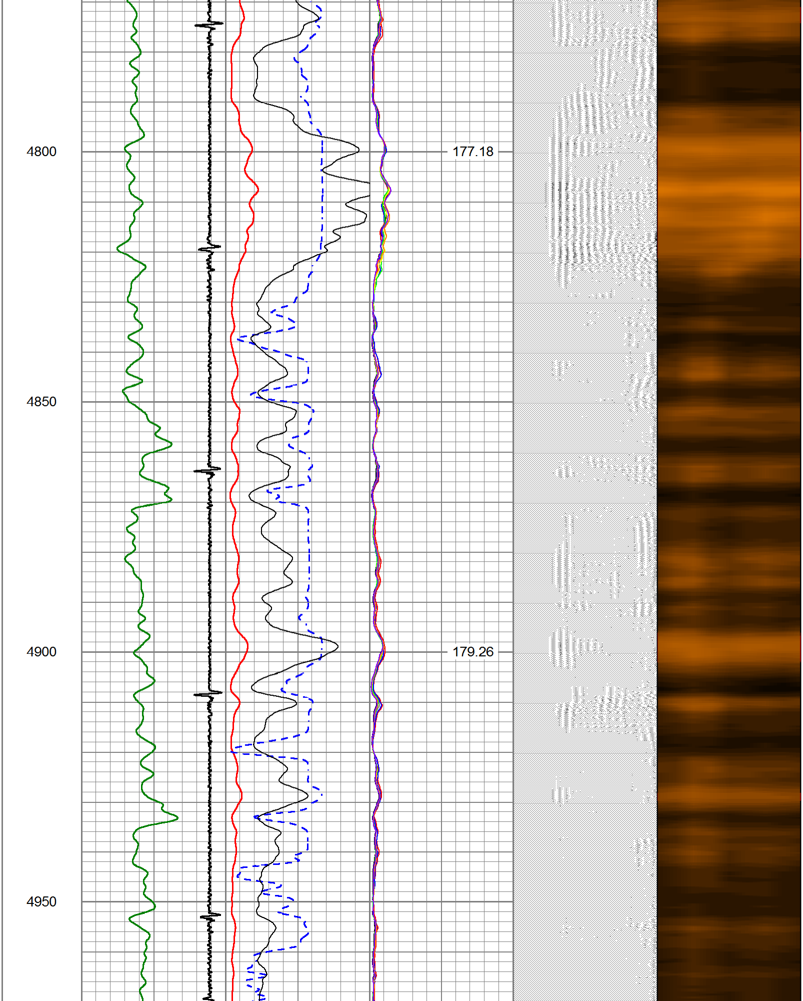
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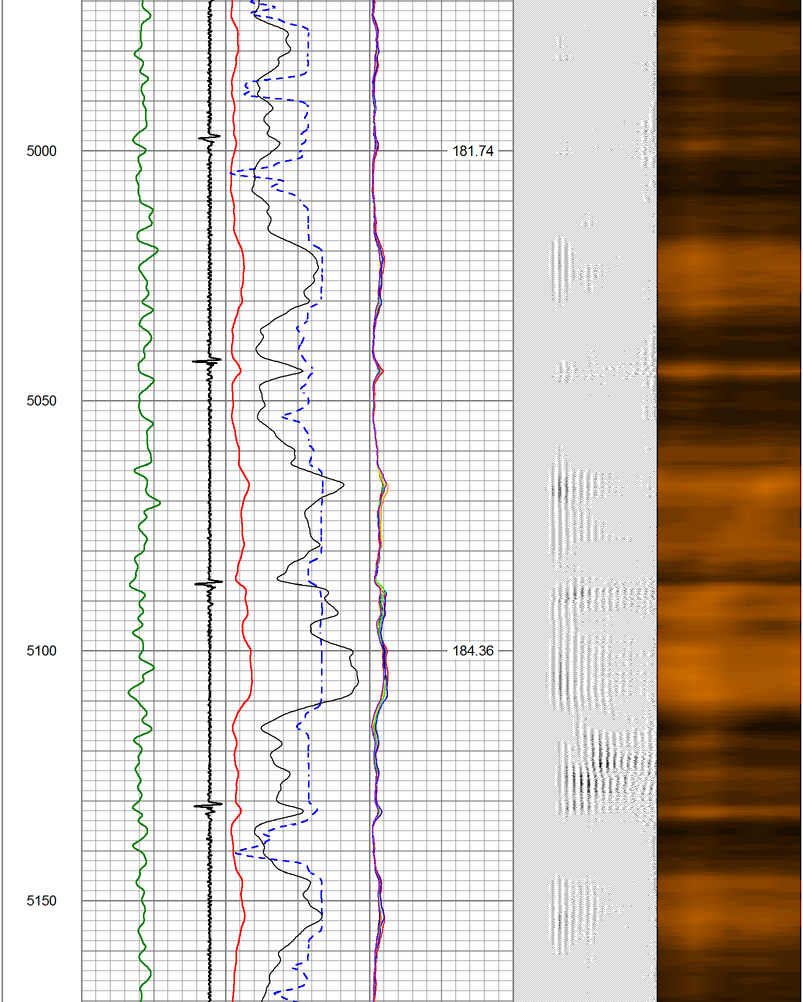
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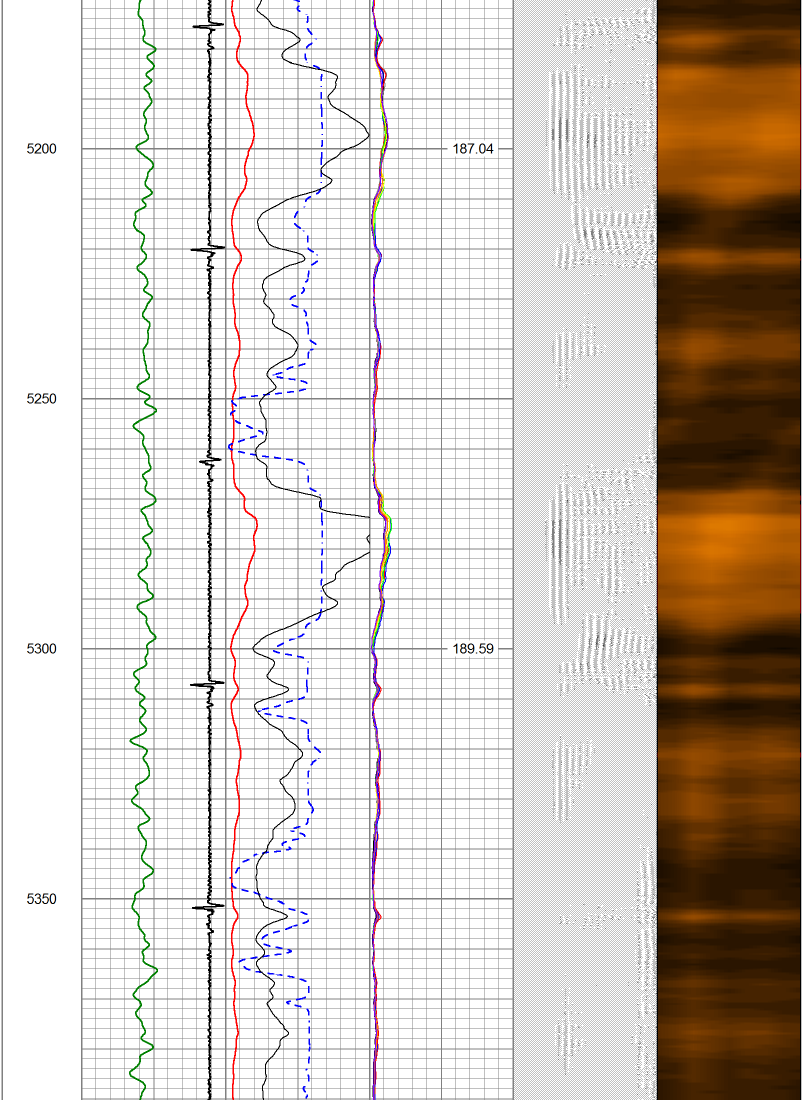
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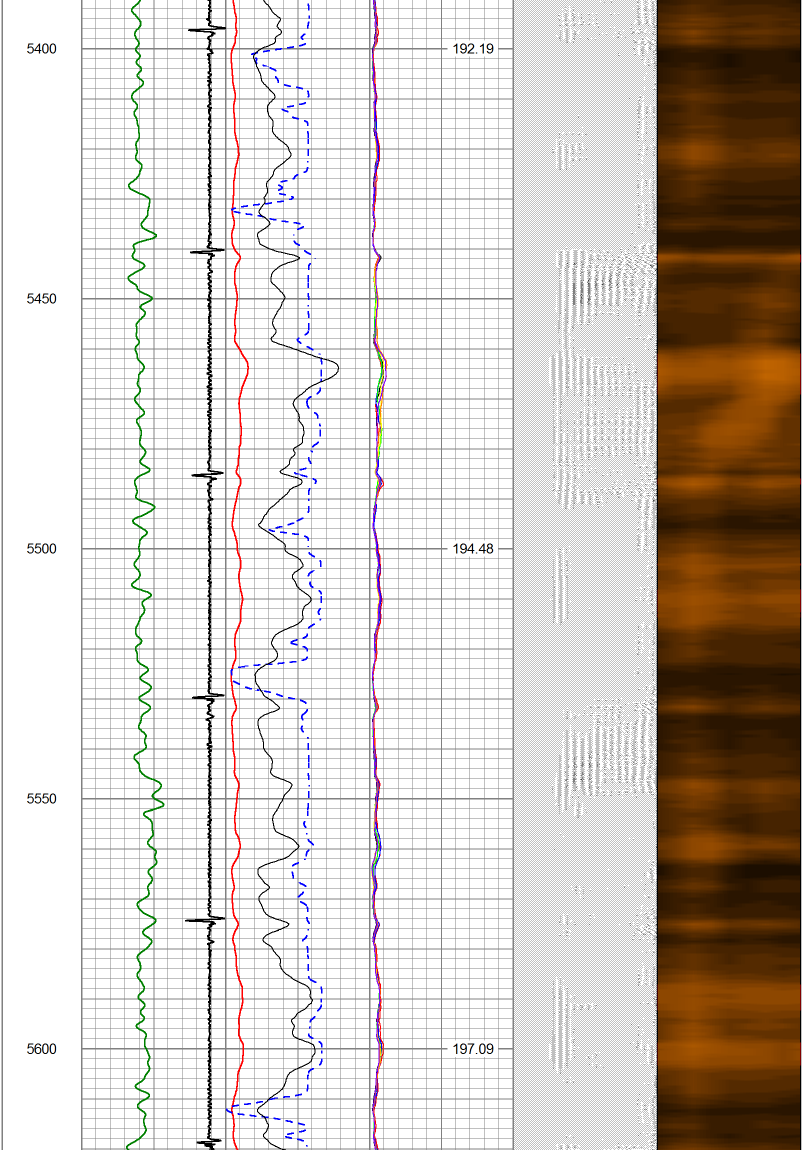
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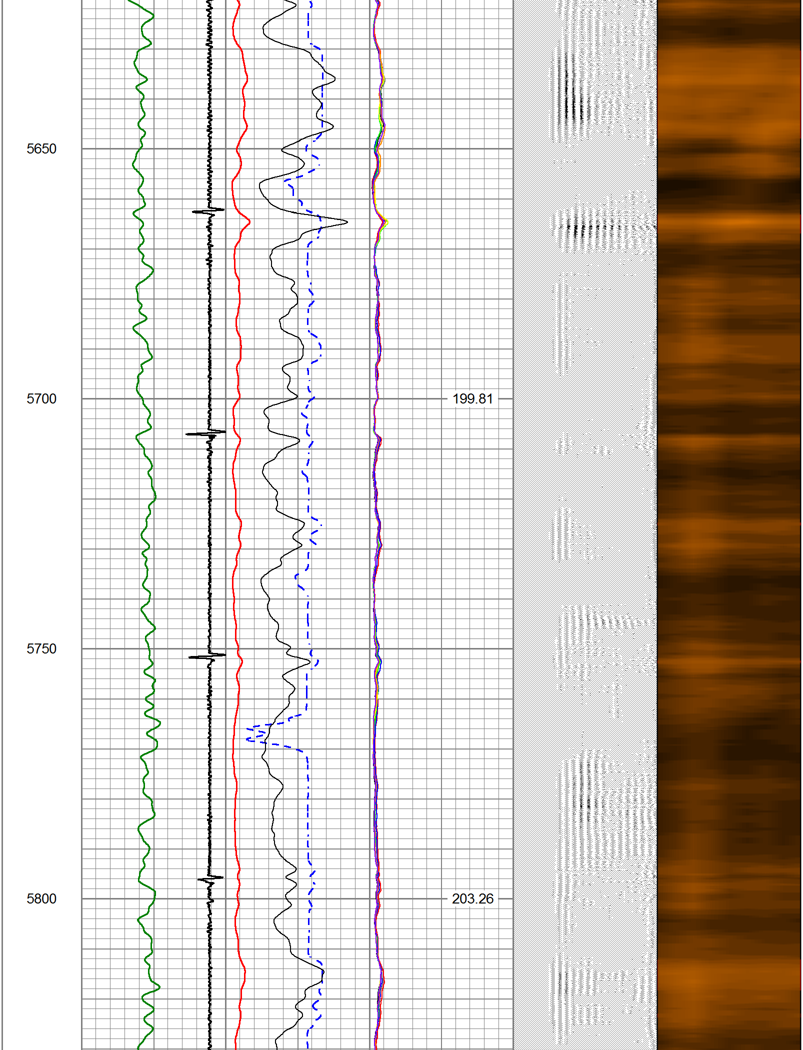
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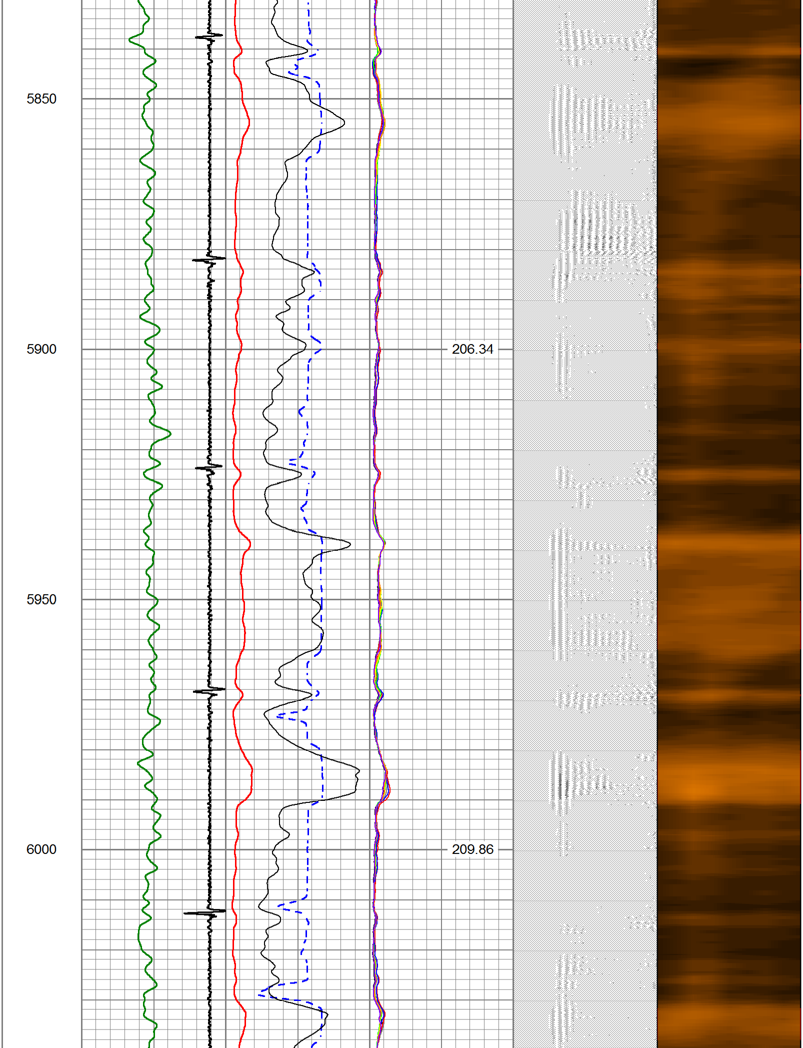
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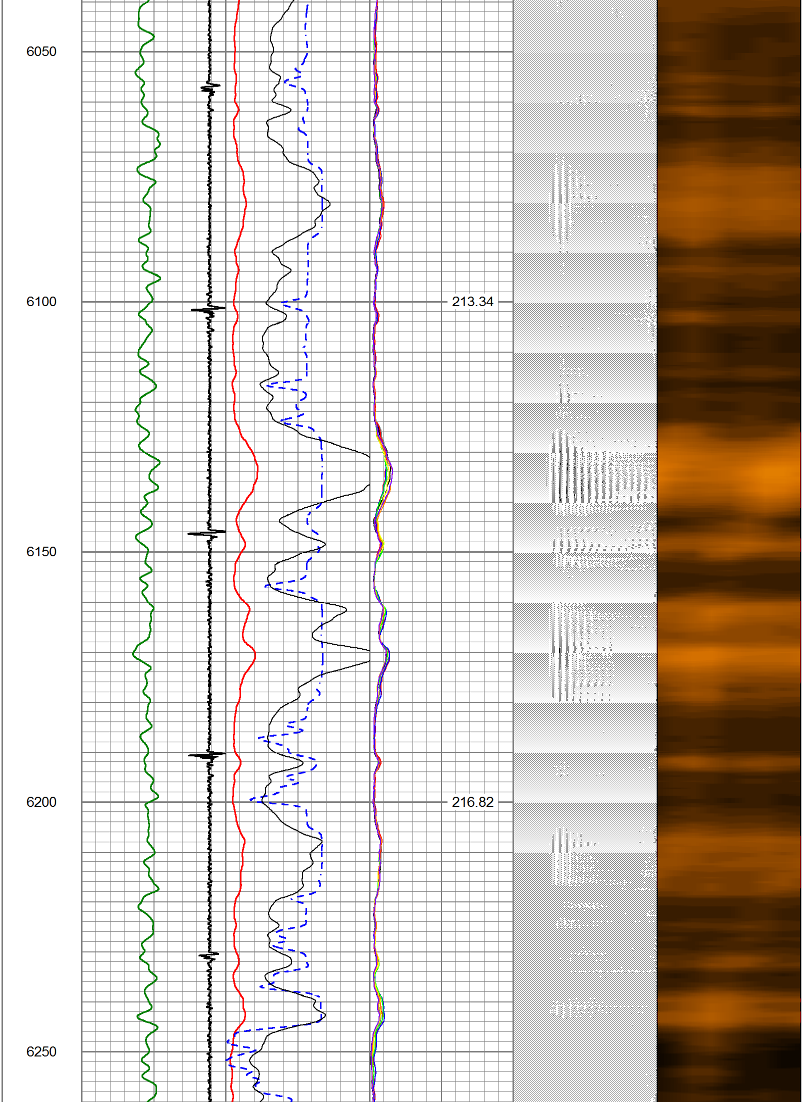
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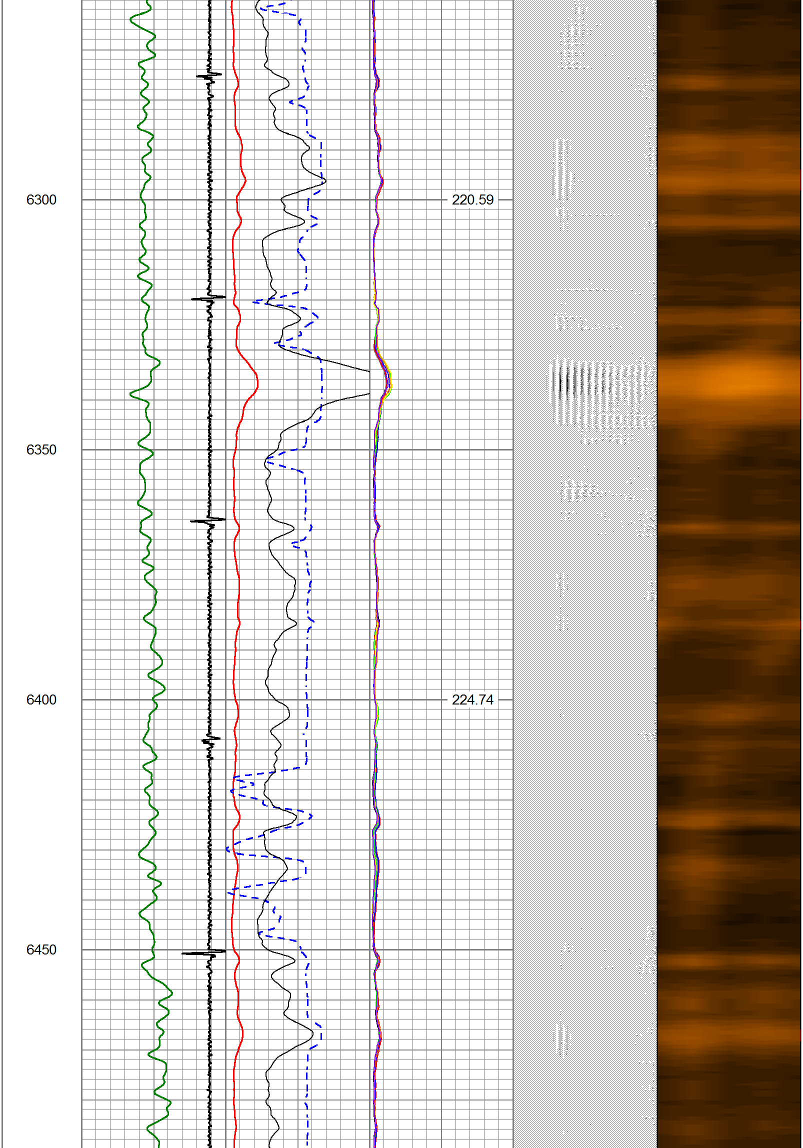
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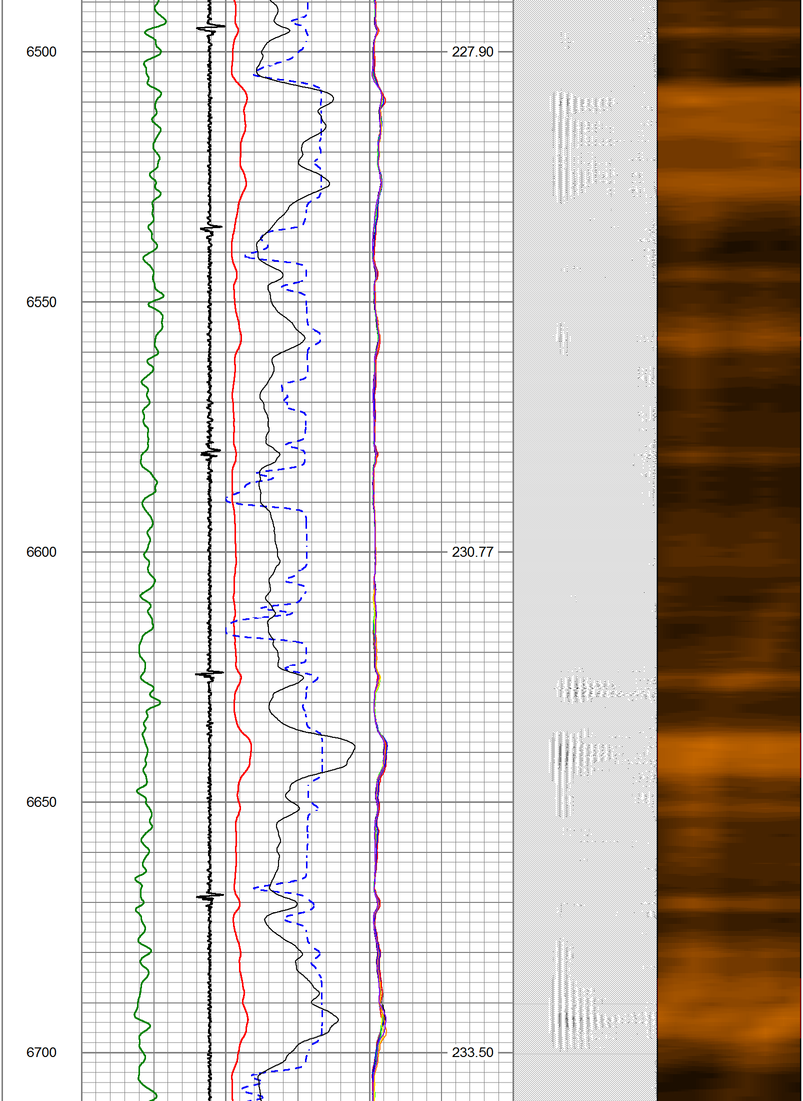
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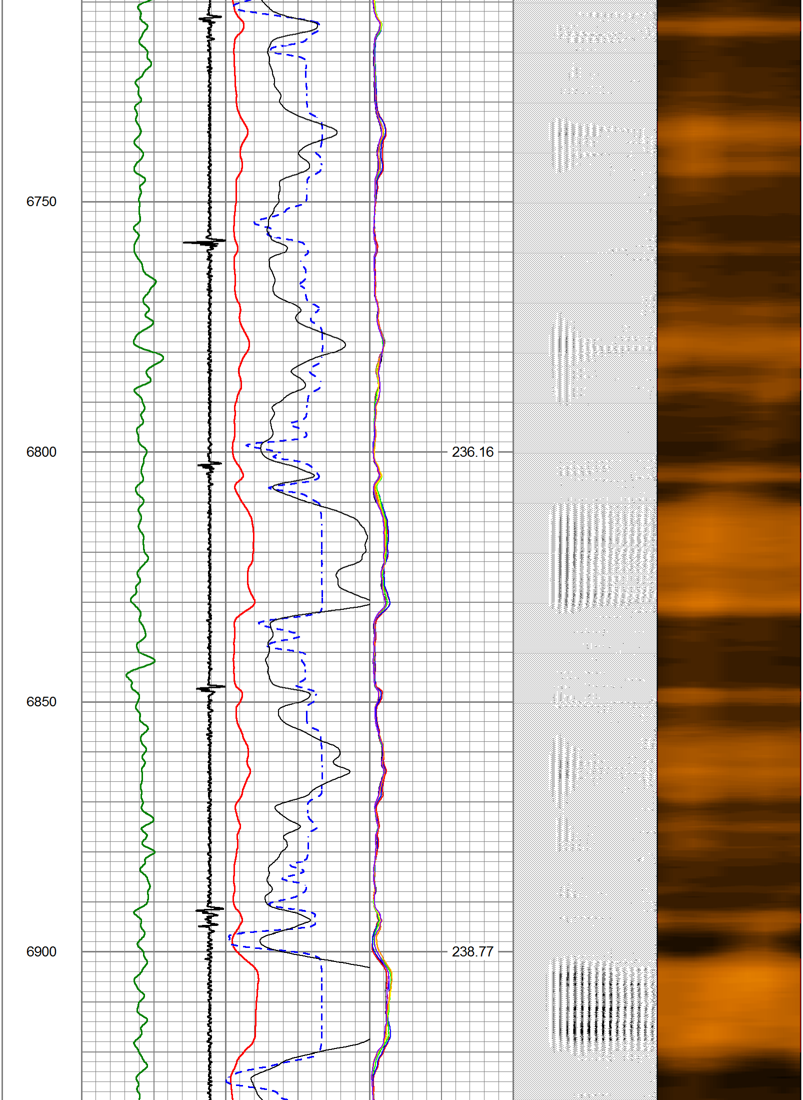
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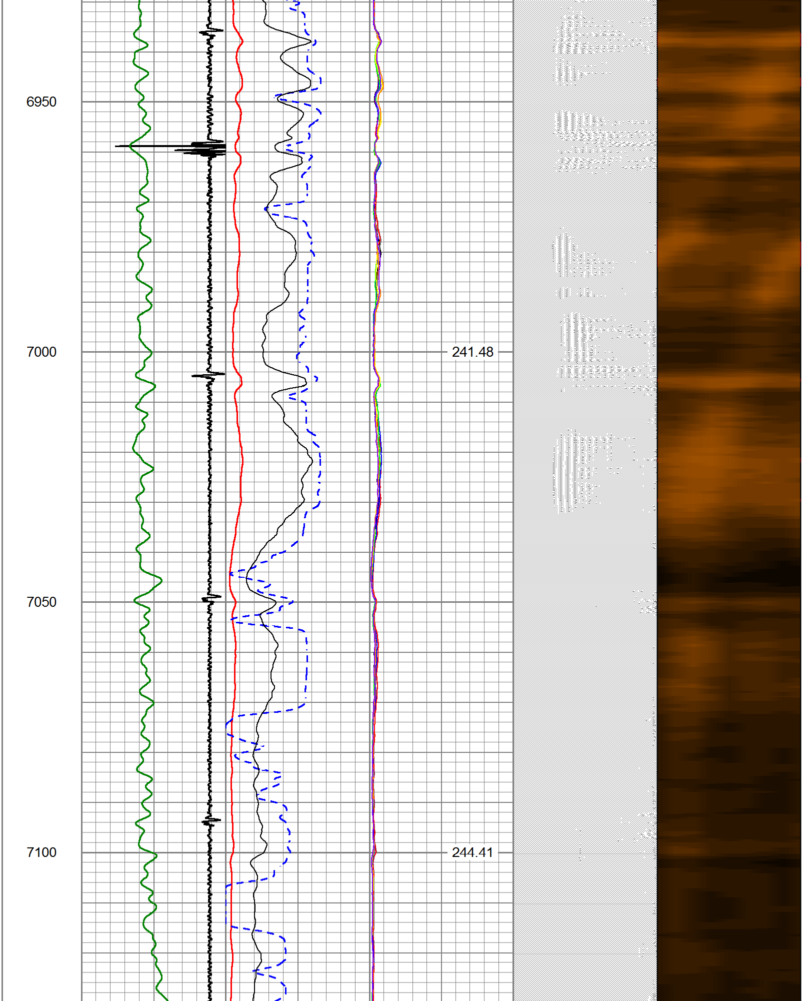
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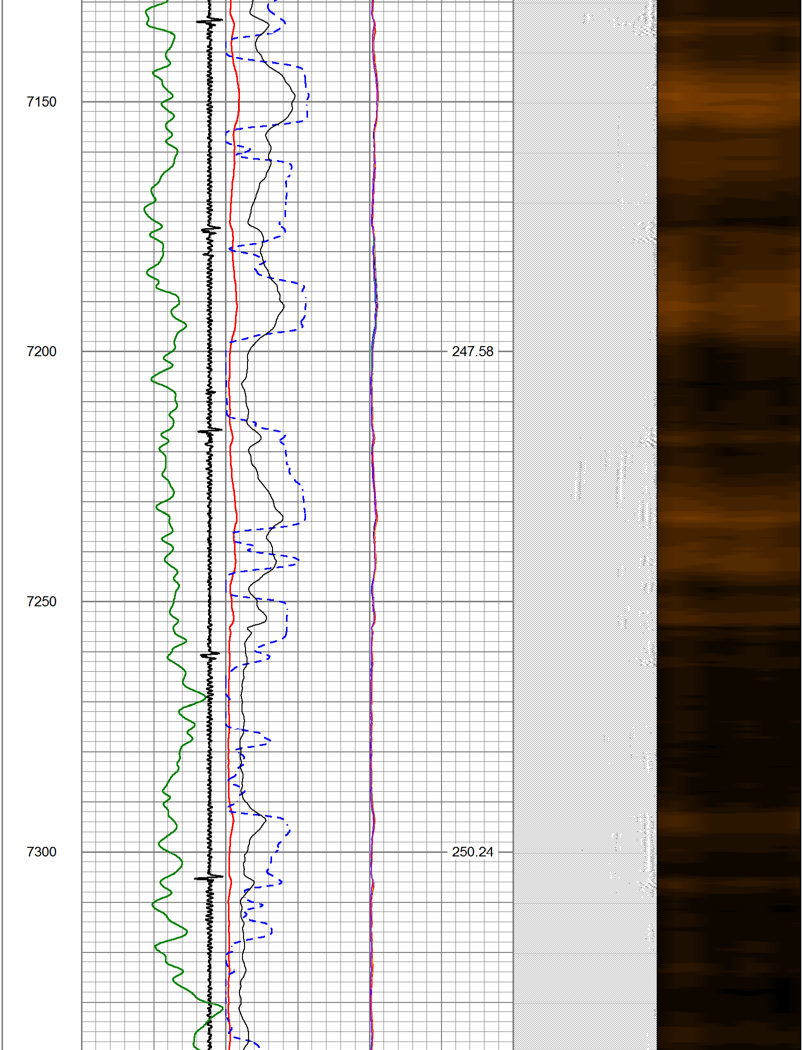
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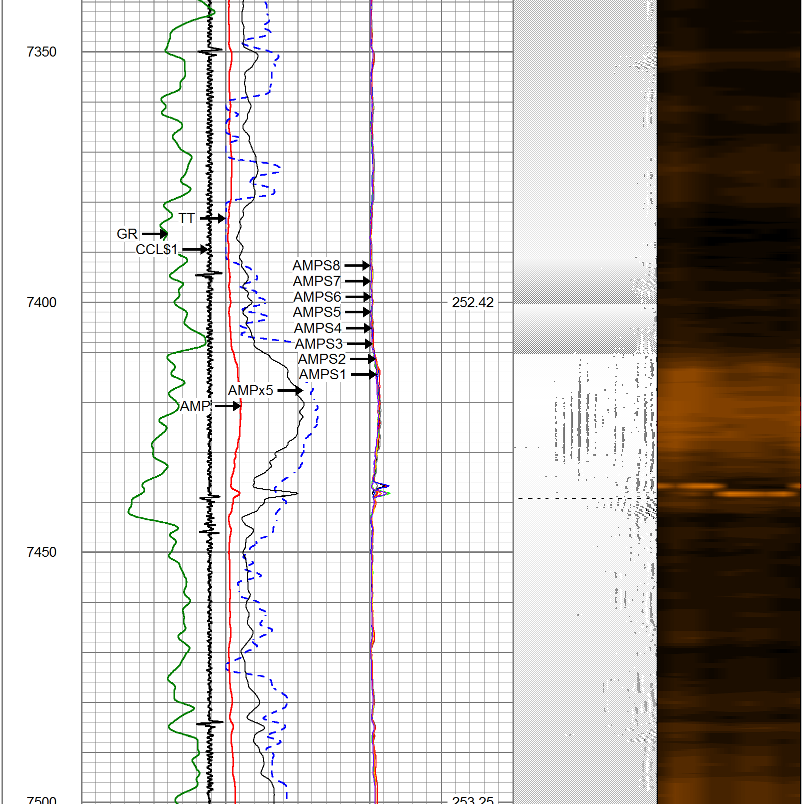
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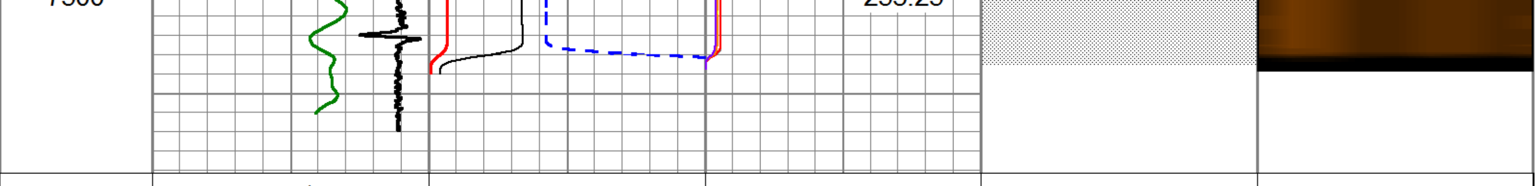
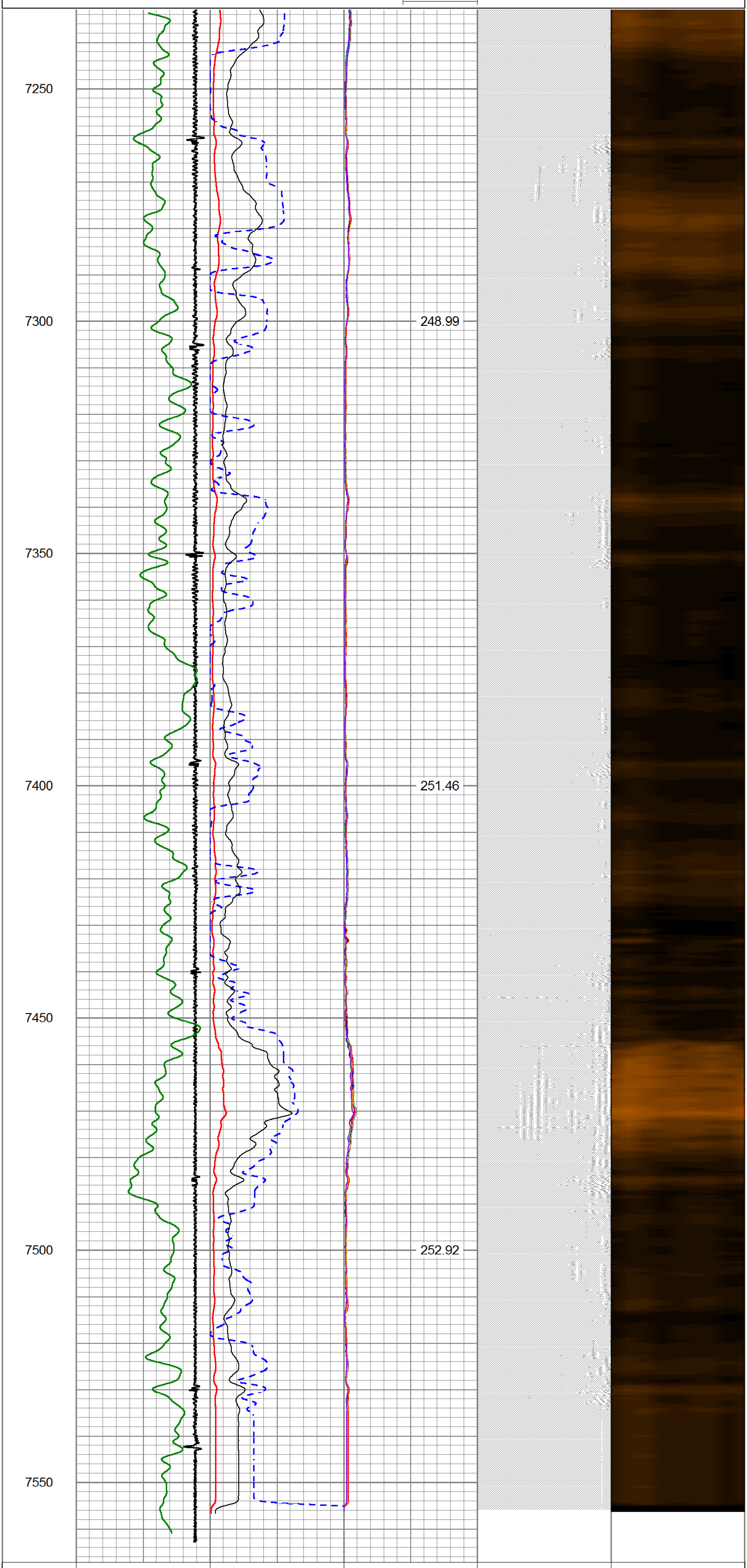


5 CCL$1 -0.625	0 AMP (mV) 100	0 AMPS1 150	200 VDL (usec) 1200	1 RADIAL MAP 8
0 GR (GAPI) 150	650 TT (usec) 150	0 AMPS2 150		
	0 AMPx5 (mV) 20	0 AMPS3 150		
		0 AMPS4 150		
		0 AMPS5 150		
		0 AMPS6 150		
		0 AMPS7 150		
		0 AMPS8 150		
		GCT_Temp (degF)		

REPEAT SECTION

Database File	cbl civitas shelton 25w-25-15.db
Dataset Pathname	pass2
Presentation Format	civitas
Dataset Creation	Mon Mar 13 10:11:32 2023
Charted by	Depth in Feet scaled 1:240

5 CCL$1 -0.625	0 AMP (mV) 100	0 AMPS1 150	200 VDL (usec) 1200	1 RADIAL MAP 8
0 GR (GAPI) 150	650 TT (usec) 150	0 AMPS2 150		
	0 AMPx5 (mV) 20	0 AMPS3 150		
		0 AMPS4 150		
		0 AMPS5 150		
		0 AMPS6 150		
		0 AMPS7 150		
		0 AMPS8 150		
		GCT_Temp (degF)		



5 CCL$1 -0.625	0 AMP (mV) 100	0 AMPS1 150	200 VDL (usec) 1200	1 RADIAL MAP 8
0 GR (GAPI) 150	650 TT (usec) 150	0 AMPS2 150		
	0 AMPx5 (mV) 20	0 AMPS3 150		
		0 AMPS4 150		
		0 AMPS5 150		
		0 AMPS6 150		
		0 AMPS7 150		
		0 AMPS8 150		
		GCT_Temp (degF)		

Calibration Report

Database File	cbl civitas shelton 25w-25-15.db
Dataset Pathname	pass3
Dataset Creation	Mon Mar 13 10:17:13 2023

Gamma Ray Calibration Report

Serial Number:	FW1905-098	
Tool Model:	GCT275-0000	
Performed:	Sat Sep 03 08:19:32 2022	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.6000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	FW1905-055	
Tool Model:	Probe	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	228.242	ft

Master Calibration, performed Mon Mar 13 07:53:59 2023:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.001	2.036	0.800	71.921	34.940	0.779
CAL	0.001	2.432				
5'	0.000	1.760	0.800	71.921	40.424	0.788
SUM						
S1	0.001	2.078	0.000	71.921	34.624	-0.022
S2	0.001	2.089	0.000	71.921	34.430	-0.019
S3	0.000	2.087	0.000	71.921	34.463	-0.011
S4	0.001	1.986	0.000	71.921	36.218	-0.020
S5	0.001	1.964	0.000	71.921	36.633	-0.021
S6	0.000	1.909	0.000	71.921	37.674	-0.012
S7	0.000	1.868	0.000	71.921	38.512	-0.013
S8	0.001	2.010	0.000	71.921	35.797	-0.020

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.001	2.432	1.000	0.000

Air Zero Calibration, performed Thu Dec 01 10:00:02 2022:

	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