Radial Cement Bond
Gamma Ray / Temperature
Casing Collar Log

Company	Fundare Resources Oprating Company LLC
Well	Wildhorse #04-0401
Field	DJ HORIZONTAL NIOBRARA - #16950
County	Weld
State	CO

Company Fundare Resources Oprating Company LLC
Well Wildhorse #04-0401
Field DJ HORIZONTAL NIOBRARA - #16950
County Weld State CO

Location: API # : 05-123-52889
Lat/Long: 40.786015 / -103.988373
303" FNL & 1080' FWL
SEC 4 TWP 9N RGE 59W

Other Services
None

Permanent Datum	Ground Level	Elevation	5108'	Elevation
Log Measured From	Kelly Bushing	21 FT		K.B. 5129' D.F. 5128' G.L. 5108'
Drilling Measured From	Kelly Bushing			

Date	28-APR-2025
Run Number	One
Depth Driller	11419 FT
Depth Logger	6565 FT
Bottom Logged Interval	6546 FT
Top Log Interval	Surface
Open Hole Size	8.5"
Type Fluid	Water
Density / Viscosity	8.34 lbm/gal
Max. Recorded Temp.	225°F
Estimated Cement Top	986 FT
Time Well Ready	8:00
Time Logger on Bottom	14:32
Equipment Number	836
Location	Greeley, CO
Recorded By	E. Decker
Witnessed By	Chuck Halstead

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	16	--	Surface	80 FT
Prot. String	9 5/8	--	Surface	2100 FT
Production String	5 1/2	20	Surface	11166 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.

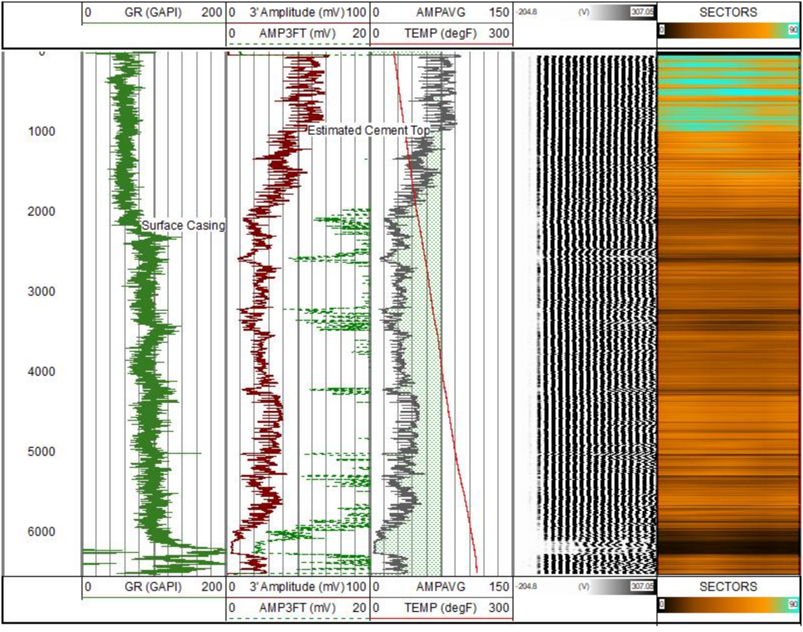
Comments

Log ran as per customer request
Adjusted log 7 FT to correlate with Well Head
Log ran from 6546 FT to Surface
Log ran with 0 PSI surface induced pressure

Main Pass

Database File	fundare\wildhorse_04_0401_04282025_final\wildhorse_04_0401_04282025_final.db
Dataset Pathname	pass4.1
Presentation Format	rbl_1inch_2020_t
Dataset Creation	Mon Apr 28 15:42:18 2025
Charted by	Depth in Feet scaled 1:15000

0 GR (GAPI) 200	0 3' Amplitude (mV) 100	0 AMPAVG 150	-204.8 (V) 307.05	SECTORS
	0 AMP3FT (mV) 20	0 TEMP (degF) 300		0 90

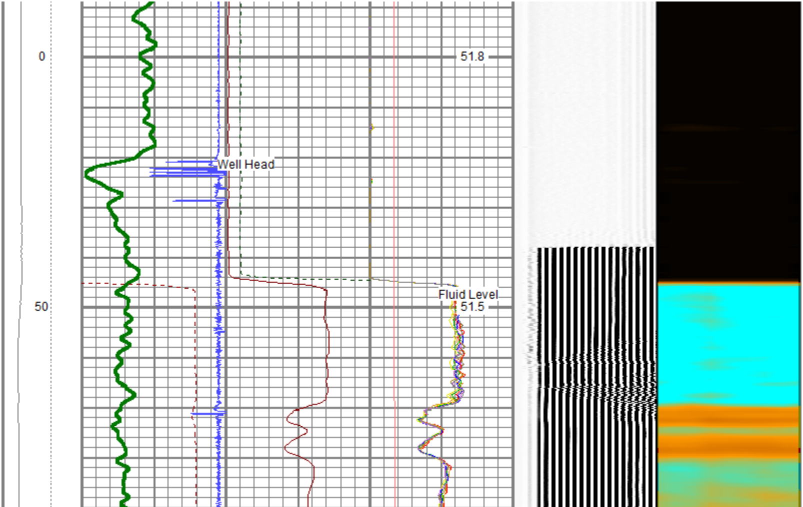


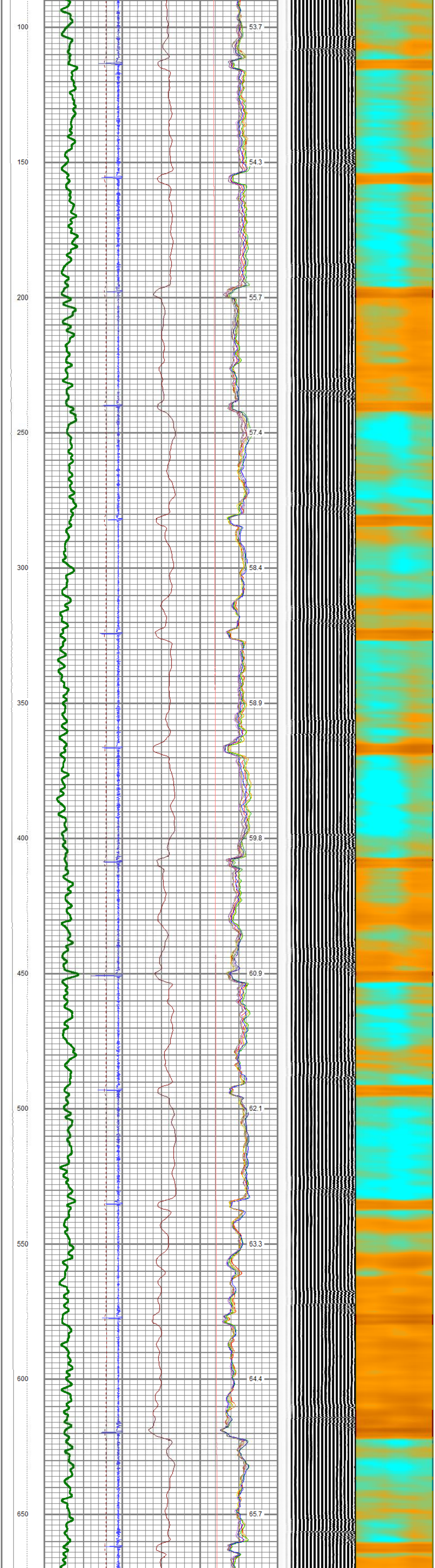
0 GR (GAPI) 200	0 3' Amplitude (mV) 100	0 AMPAVG 150	-204.8 (V) 307.05	SECTORS
	0 AMP3FT (mV) 20	0 TEMP (degF) 300		0 90

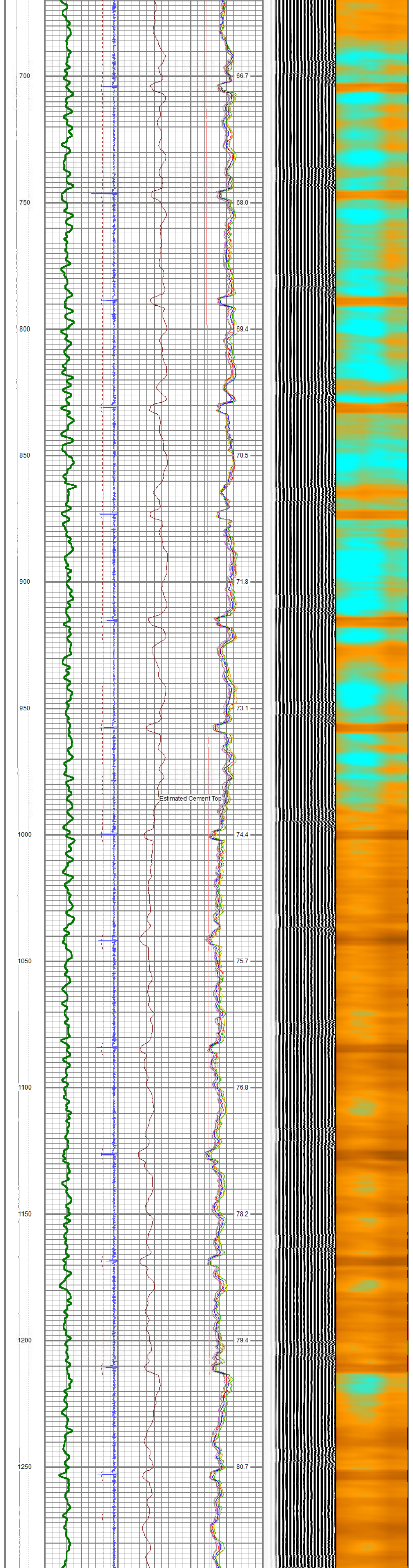
Main Pass

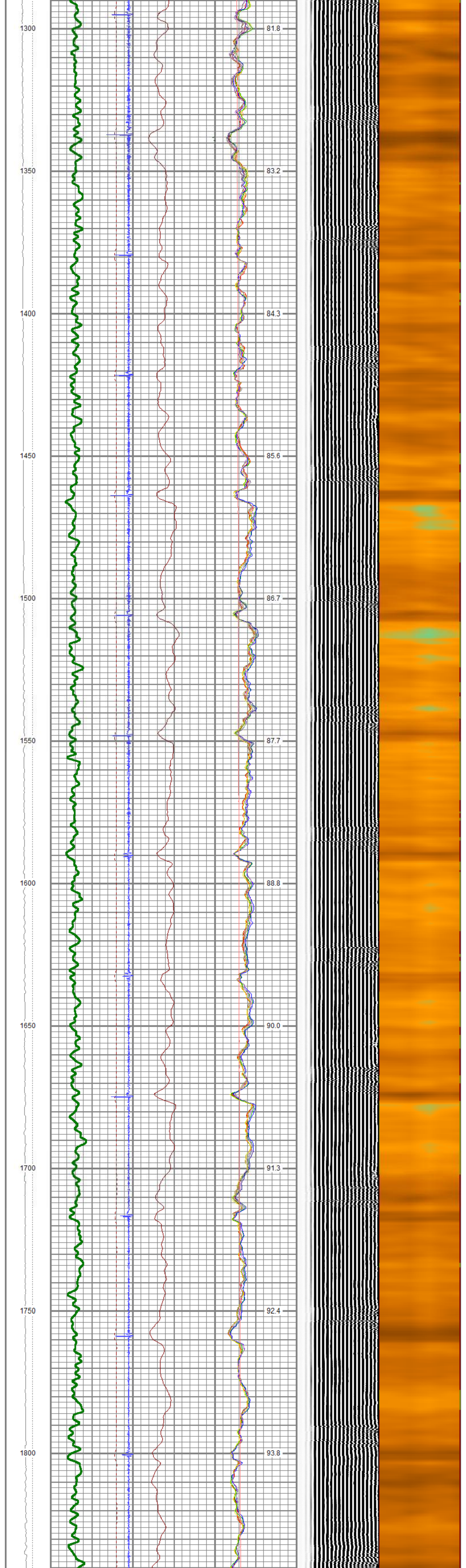
Database File	fundare\wildhorse_04_0401_04282025_final\wildhorse_04_0401_04282025_final.db
Dataset Pathname	pass4.1
Presentation Format	rbl_all_8_2020_t
Dataset Creation	Mon Apr 28 15:42:18 2025
Charted by	Depth in Feet scaled 1:240

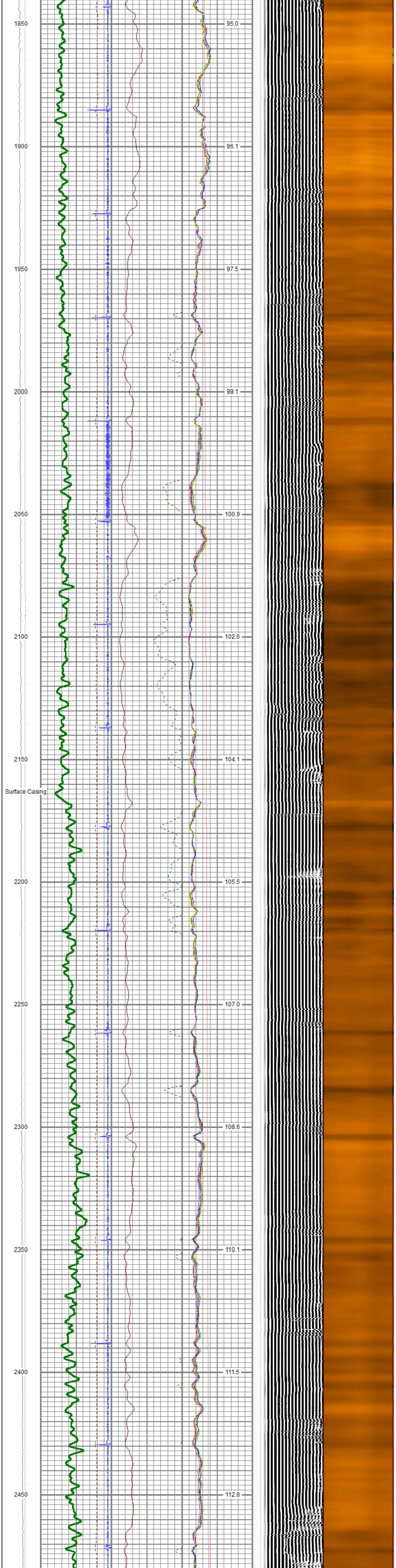
LTEN 0 (lb) 1000	Gamma Ray 0 (GAPI) 200	0 3' Amplitude (mV) 100 3 'Amplified Amplitude 0 (mV) 20	0 AMPS1 150	WVF5FT 200 (usec) 1200	SECTORS 0 90
LSPD (ft/min) 500 -500	420 TT3FT (usec) 220		0 AMPS2 150	(V)	
	CCL		0 AMPS3 150		
			0 AMPS4 150		
			0 AMPS5 150		
			0 AMPS6 150		
			0 AMPS7 150		
			0 AMPS8 150		
			0 TEMP (degF) 300		
			TEMP (degF)		

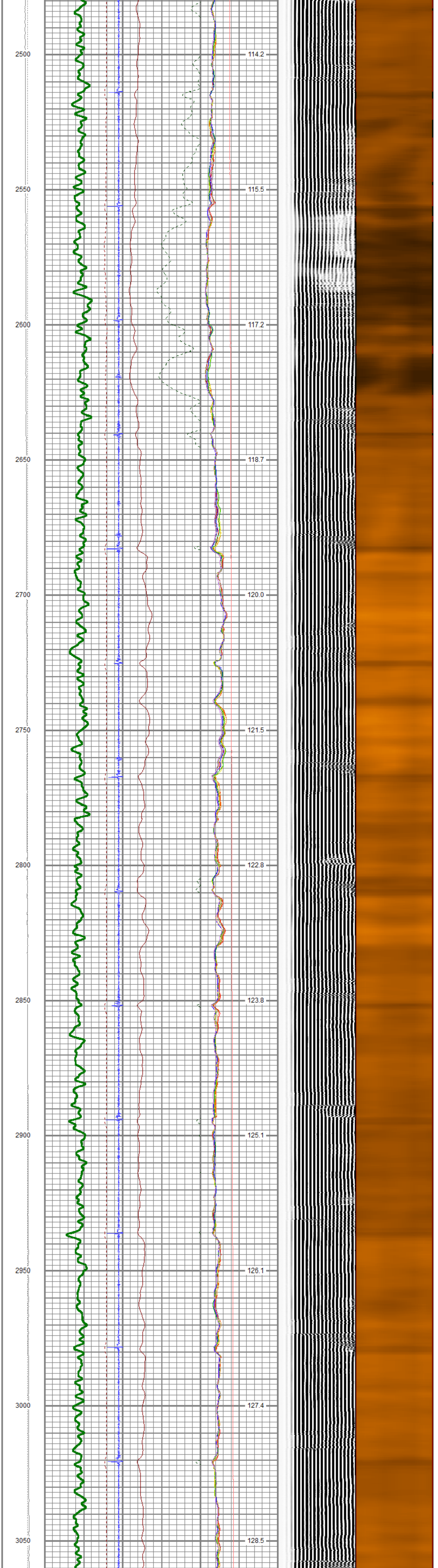


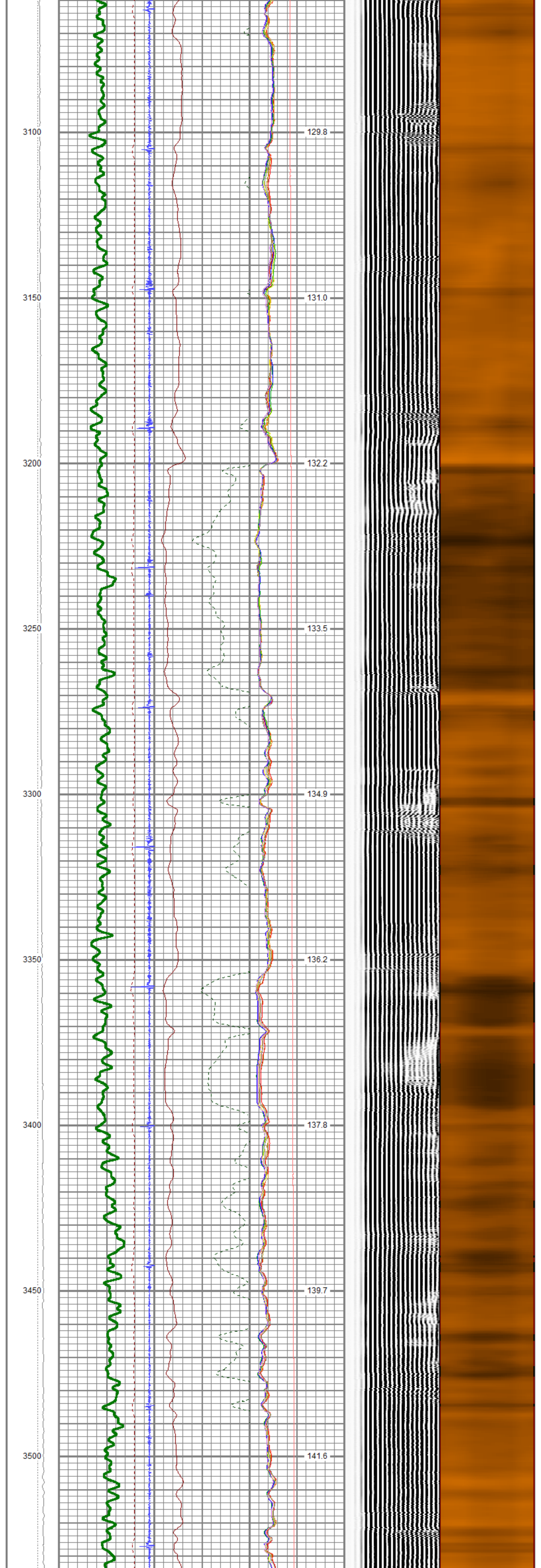


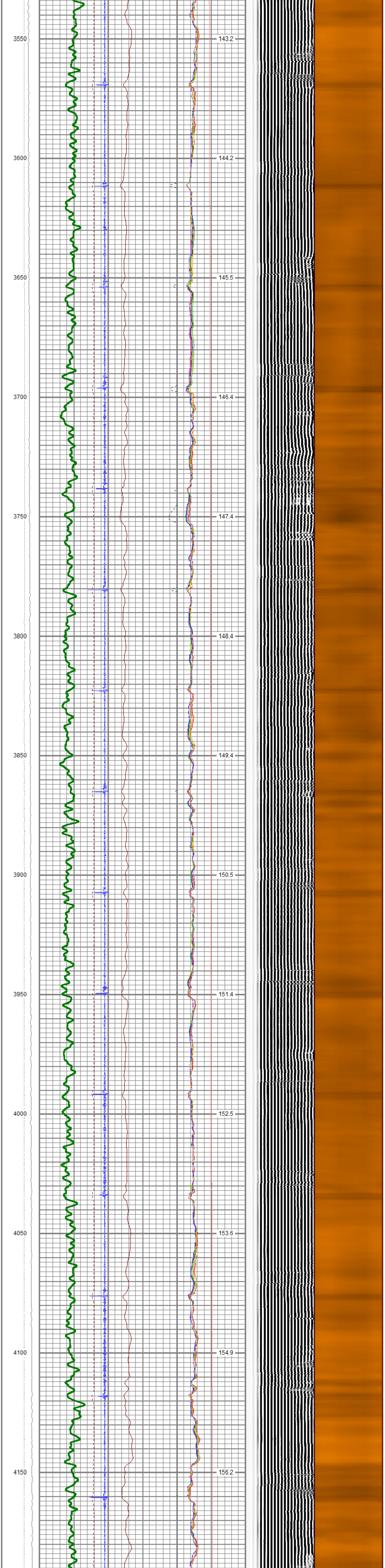


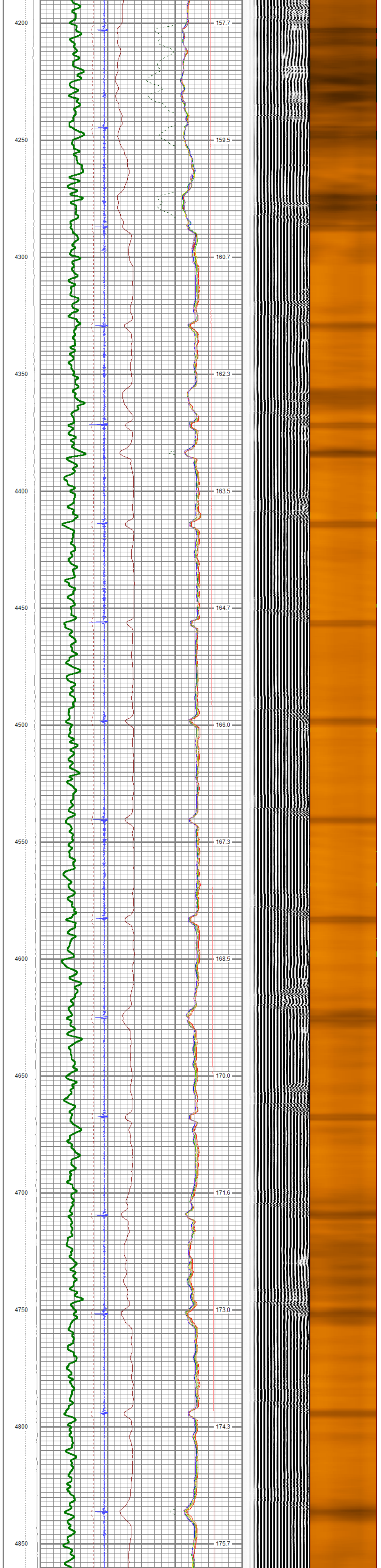


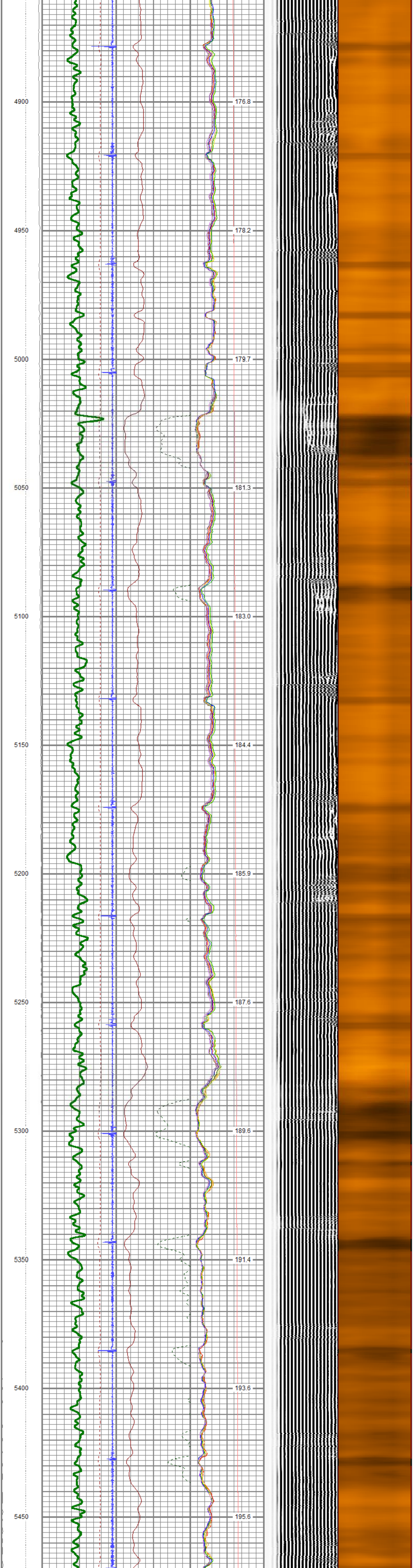


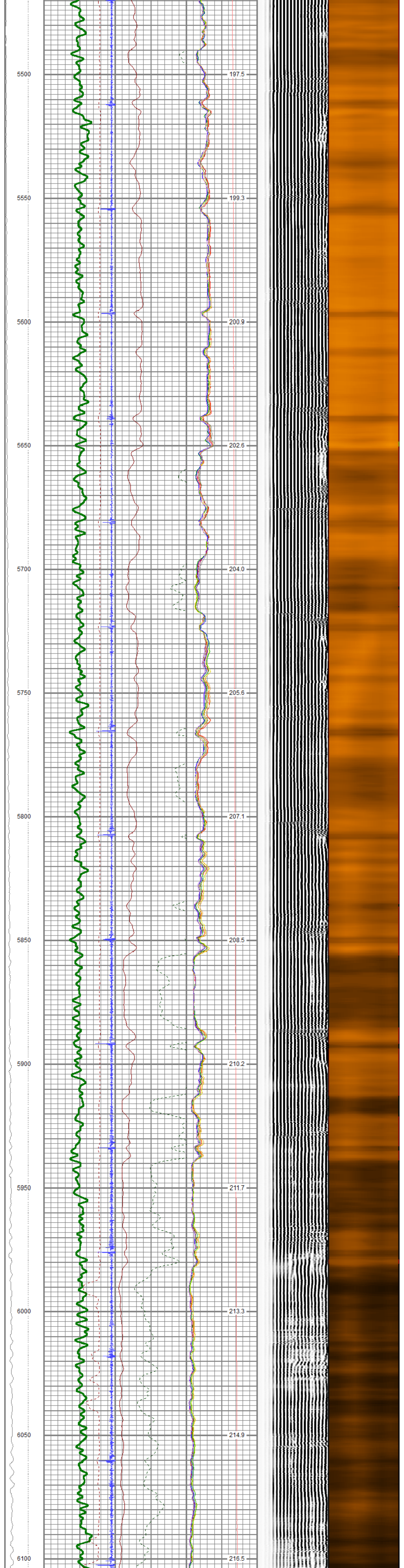


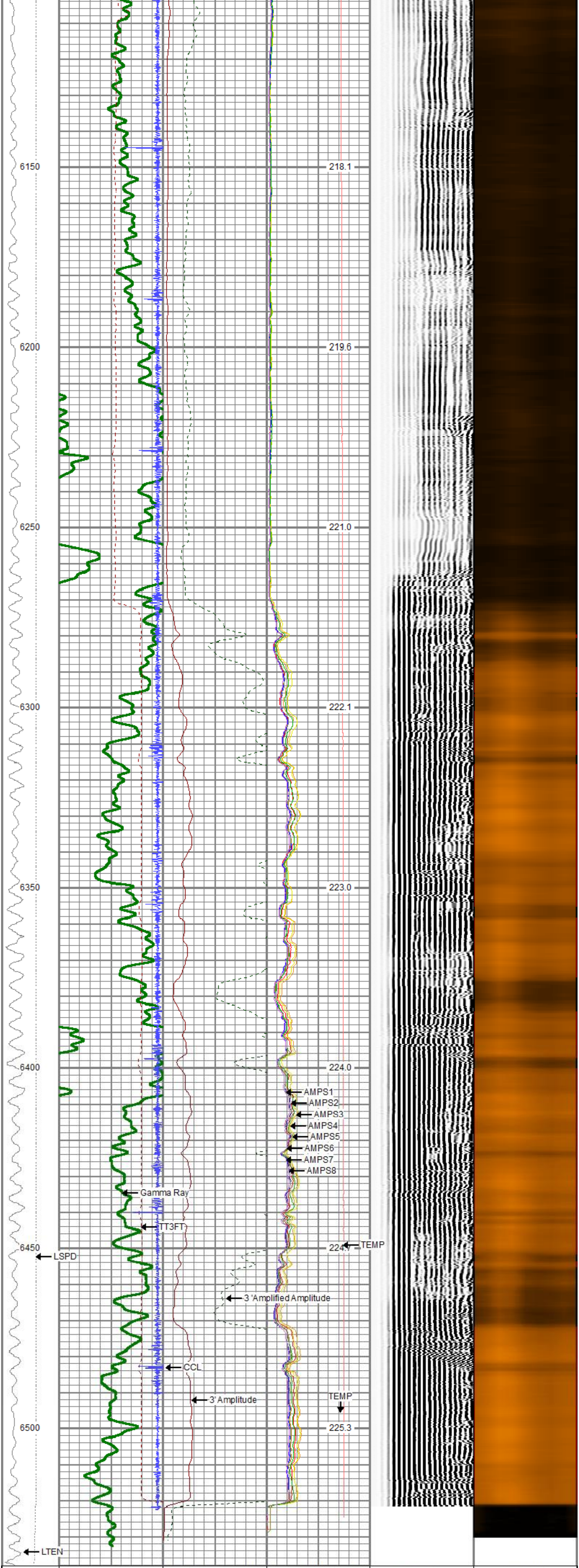












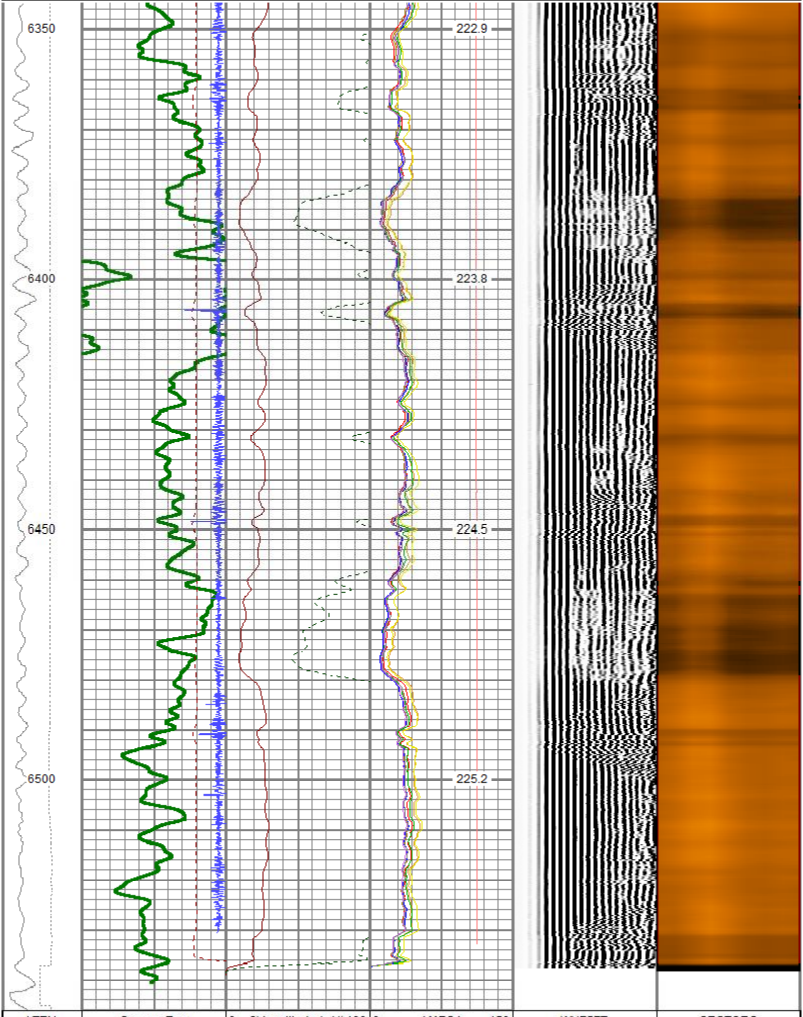
LTEN	Gamma Ray	0 3' Amplitude (mV) 100	0 AMPS1 150	WVF5FT	SECTORS
0 (lb) 1000	0 (GAPI) 200	3 'Amplified Amplitude	0 AMPS2 150	200 (usec) 1200	0 90
LSPD (ft/min)	420 TT3FT (usec) 220	0 (mV) 20	0 AMPS3 150	(V)	
500 -500	CCL		0 AMPS4 150		
			0 AMPS5 150		
			0 AMPS6 150		
			0 AMPS7 150		
			0 AMPS8 150		
			0 TEMP (degF) 300		
			TEMP (degF)		

GO WIRELINE LLC

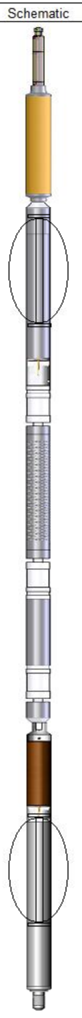
Repeat Pass

Database File	fundare\wildhorse_04_0401_04282025_final\wildhorse_04_0401_04282025_final.db
Dataset Pathname	pass2
Presentation Format	rbl_all_8_2020_t
Dataset Creation	Mon Apr 28 14:31:59 2025
Charted by	Depth in Feet scaled 1:240

LTEN	Gamma Ray	0 3' Amplitude (mV) 100	0 AMPS1 150	WVF5FT	SECTORS
0 (lb) 1000	0 (GAPI) 200	3 'Amplified Amplitude	0 AMPS2 150	200 (usec) 1200	0 90
LSPD (ft/min)	420 TT3FT (usec) 220	0 (mV) 20	0 AMPS3 150	(V)	
500 -500	CCL		0 AMPS4 150		
			0 AMPS5 150		
			0 AMPS6 150		
			0 AMPS7 150		
			0 AMPS8 150		
			0 TEMP (degF) 300		
			TEMP (degF)		



LTEN 0 (lb) 1000	Gamma Ray 0 (GAPI) 200	0 3' Amplitude (mV) 100	0 AMPS1 150	WVF5FT 200 (usec) 1200	SECTORS 0 90
LSPD (ft/min) 500 -500	420 TT3FT (usec) 220	3 'Amplified Amplitude 0 (mV) 20	0 AMPS2 150	(V)	
	CCL		0 AMPS3 150		
			0 AMPS4 150		
			0 AMPS5 150		
			0 AMPS6 150		
			0 AMPS7 150		
			0 AMPS8 150		
			0 TEMP (degF) 300		
			TEMP (degF)		

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Cable Head-Titan_144 1 7/16" Titan Cable Head	1.03	1.44	2.00
CCL	15.20		PROBE-CCL-ANALOG-CCL-A (Probe-CCL-A1) Probe 2 3/4" Logging CCL	2.04	2.75	10.00
			Overbody-tekco	2.00	2.25	5.00
TEMP	11.56					
WVFS8 WVFS7 WVFS6 WVFS5 WVFS4 WVFS3 WVFS2 WVFS1 WVFCAL WVF3FT WVF5FT	9.27 9.27 9.27 9.27 9.27 9.27 9.27 9.27 9.27 9.27 8.27		PROBE-RBT-DIGITAL-RBL-DCT (130373) Probe 2 3/4" Radii Bond with Temp-Corrosion Package	9.21	2.75	105.00
DCCL	4.20					
GCT_TEMP	3.41					
GR	2.72		PROBE-GR/CCL-DIGITAL-275 Probe GCT (2107026) Probe 2 3/4" Gamma Ray/Temp/CCL 6 Pin	4.75	2.75	60.00
			Overbody-tekco	2.00	2.25	5.00
			Bullnose-PROBE Probe Go Pin Pressure Cap	0.33	1.38	1.00

Dataset:	Wildhorse_04_0401_04282025_Final.db: field/well/run1/pass4.1
Total length:	17.36 ft
Total weight:	188.00 lb
O.D.:	2.75 in

Calibration Report

Database File	C:\ProgramData\Warrior\Data\Fundare\Wildhorse_04_0401_04282025_Final\Wildhorse_04_0401_04282025_Final.db
Dataset Pathname	pass4.1
Dataset Creation	Mon Apr 28 15:42:18 2025

Gamma Ray Calibration Report

Serial Number:	2107026	
Tool Model:	275 Probe GCT	
Performed:	Wed Sep 21 08:38:08 2022	
Calibrator Value:	200.0	GAPI
Background Reading:	43.9	cps
Calibrator Reading:	269.1	cps
Sensitivity:	0.8881	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	130373	
Tool Model:	RBL-DCT	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	-124.150	ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	1.033	1.000	71.921	68.671	0.999
CAL	1.026	1.026				
5'	0.000	1.206	1.000	71.921	58.794	0.999
SUM						
S1	0.000	1.059	0.000	100.000	94.420	-0.003
S2	0.000	1.014	0.000	100.000	98.664	-0.003
S3	0.000	1.012	0.000	100.000	98.811	-0.004
S4	0.000	1.102	0.000	100.000	90.788	-0.004
S5	0.000	1.132	0.000	100.000	88.316	-0.003
S6	0.000	1.164	0.000	100.000	85.896	-0.003
S7	0.000	1.178	0.000	100.000	84.914	-0.003
S8	0.000	1.127	0.000	100.000	88.724	-0.003

Air Zero Calibration, performed Mon Apr 28 07:57:55 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	0.000	0.000	0.000
S8	0.000	0.000	0.000

Temperature Calibration Report

Serial Number:	130373			
Tool Model:	RBL-DCT			
Performed:	Fri Jan 26 11:10:23 2024			
	Reference		Reading	
Low Reference:	0.00	degF	0.00	degF
High Reference:	1.00	degF	1.00	degF
Gain:	0.90			
Offset:	0.00			
Delta Spacing	1			

Company	Fundare Resources Oprating Company LLC	
Well	Wildhorse #04-0401	
Field	Wattenberg	
County	Weld	
State	CO	Country