RADIAL CEMENT BOND LOG
GAMMA RAY/CCL
TEMPERATURE

Company	OCCIDENTAL PETROLEUM CORP.
Well	STRONG FARMS INC 28-10L
Field	WATTENBERG
County	WELD
State	COLORADO
Country	USA

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Location: API # : 05-123-15298
NW SE
LAT: 40.19460 LOG:-104.89320
SEC 28 TWP 3N RGE 67W

Other Services

Permanent Datum GROUND LEVEL Elevation 4793'
Log Measured From KB=11'
Drilling Measured From KB

Elevation
K.B. 4804'
D.F. 4803'
G.L. 4793'

Date	10 MARCH 2022
Run Number	ONE
Depth Driller	7824'
Depth Logger	6920'
Bottom Logged Interval	6915'
Top Log Interval	SURFACE
Open Hole Size	7.875"
Type Fluid	H2O
Density / Viscosity	~8.3#
Max. Recorded Temp.	222*F
Estimated Cement Top	SEE LOG
Time Well Ready	ROA
Time Logger on Bottom	1515
Equipment Number	8049
Location	WINDSOR
Recorded By	MCDANIEL
Witnessed By	RAUL REYES

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12.25"	KB	515'				
TWO	7.875"	515'	7351'				
TRHEE	3.875"	7160'	7823'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8.63"	24# WC-50	KB	513'
Prot. String				
Production String	4.50"	11.6# M-75	KB	7350'
Liner	2.875"	6.5# N-80	7063'	7823'

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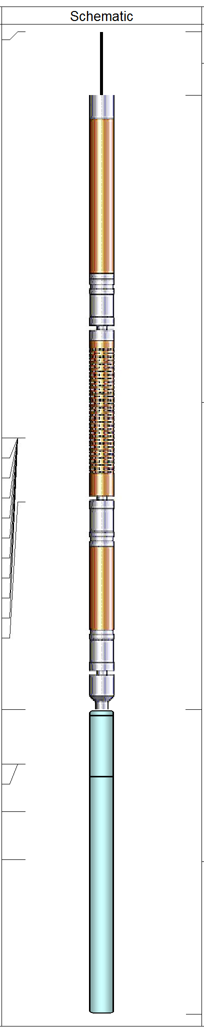
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 NOT CORRELATED TO ANY OTHER LOG
LOG RAN W/ 0PSI @ SURFACE
FREE PIPE CAL PERFORMED @ 492'
SHOP CAL PERFORMED ON 3/1/22
!!!!!!!!!!!!!!!!1 THANK YOU FOR CHOOSING THE WIRELINE GROUP !!!!!!!!!!!!!!!!!

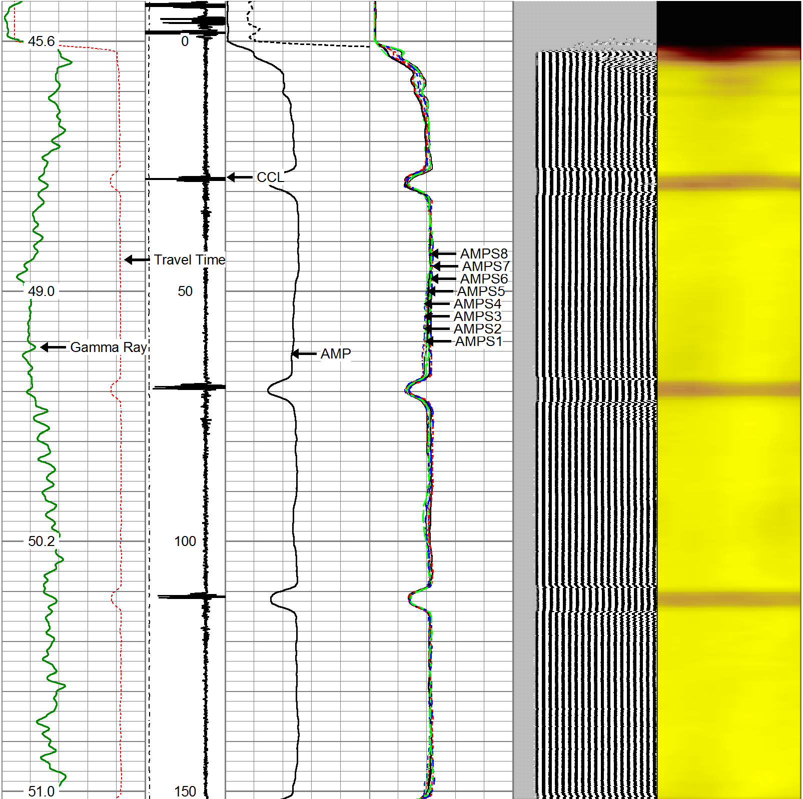


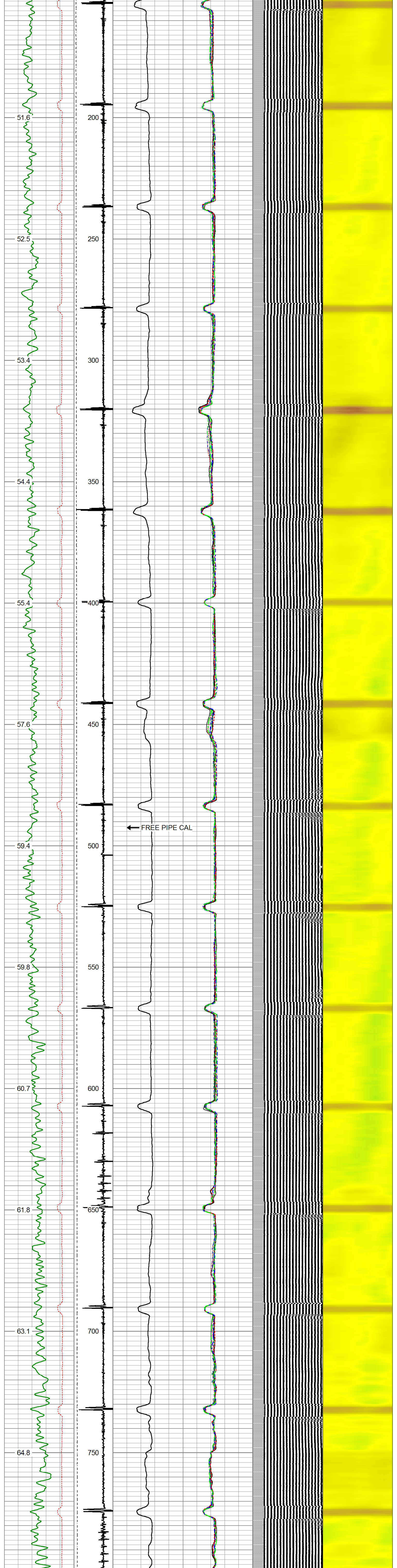
Sensor	Offset (ft)	Description	Length (ft)	O.D. (in)	Weight (lb)
ErrCt	15.39	Cable_Head-Standard Standard Cable Head	1.00	1.69	1.00
		RBT-RBTC3 (FW1905-150)	9.62	2.75	90.00
WVFS8	9.02				
WVFS7	9.02				
WVFS6	9.02				
WVFS5	9.02				
WVFS4	9.02				
WVFS3	9.02				
WVFS2	9.02				
WVFS1	9.02				
WVFCAL	9.02				
WVF3FT	9.02				
WVF5FT	8.02				
WVFSYNC	4.77				
DCCL	3.92				
CCL	3.92				
TEMP	3.17				
GR	2.42	GCT-Probe275 (FW1304-53) Probe 2 3/4" Gamma Ray CCL w/Temperature	4.77	2.75	40.00

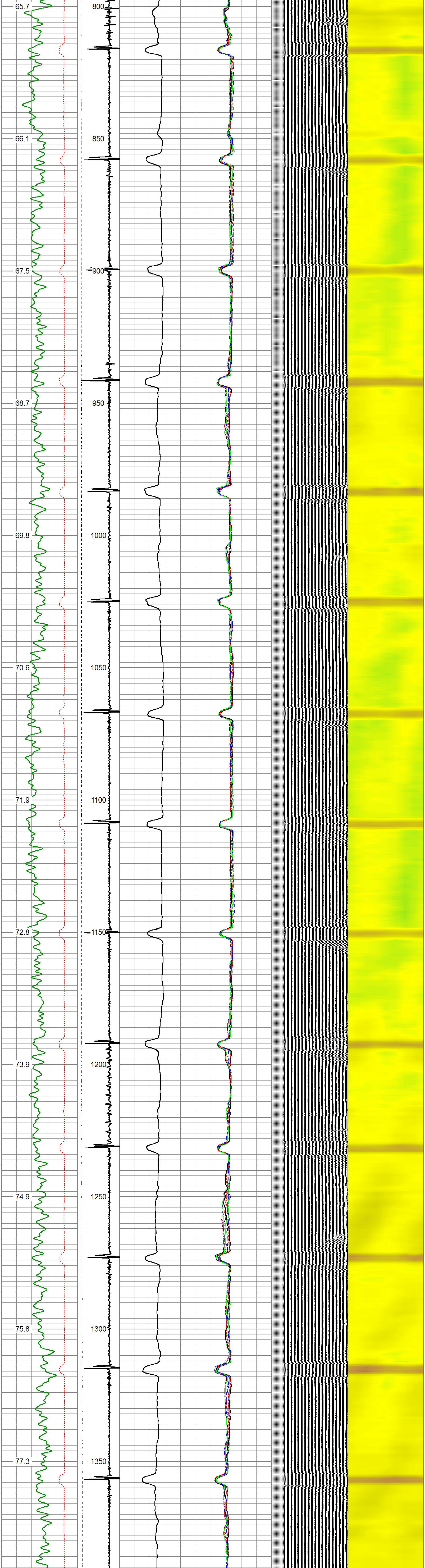
Dataset: 0512315298_strongfarmsinc28-10l_oxy.db: field/well/run1/pass20.1
Total length: 15.39 ft
Total weight: 131.00 lb
O.D.: 2.75 in

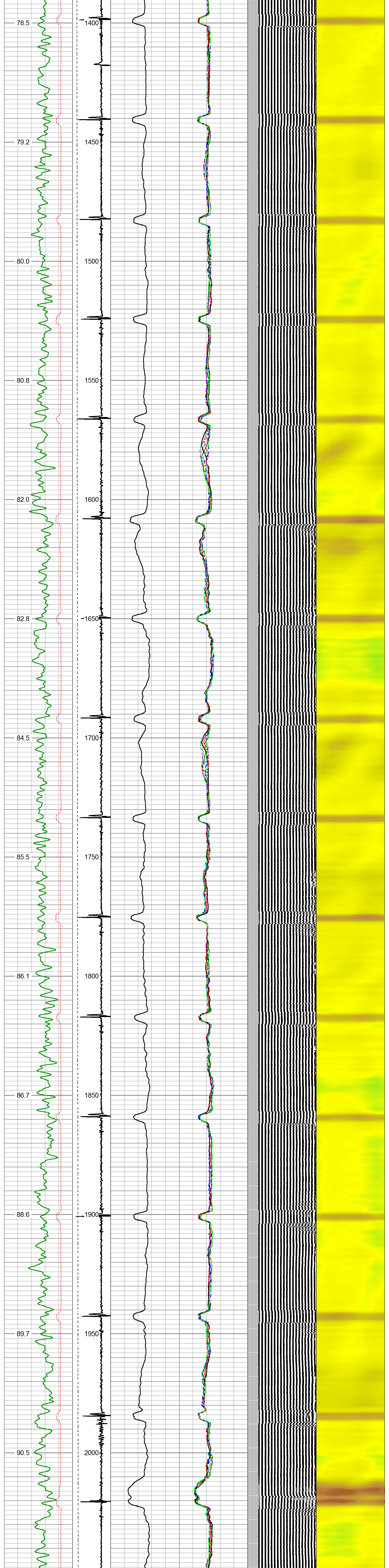
Database File	0512315298_strongfarmsinc28-10l_oxy.db
Dataset Pathname	pass20.1
Presentation Format	rbt-gct8acc
Dataset Creation	Thu Mar 10 16:36:20 2022
Charted by	Depth in Feet scaled 1:240

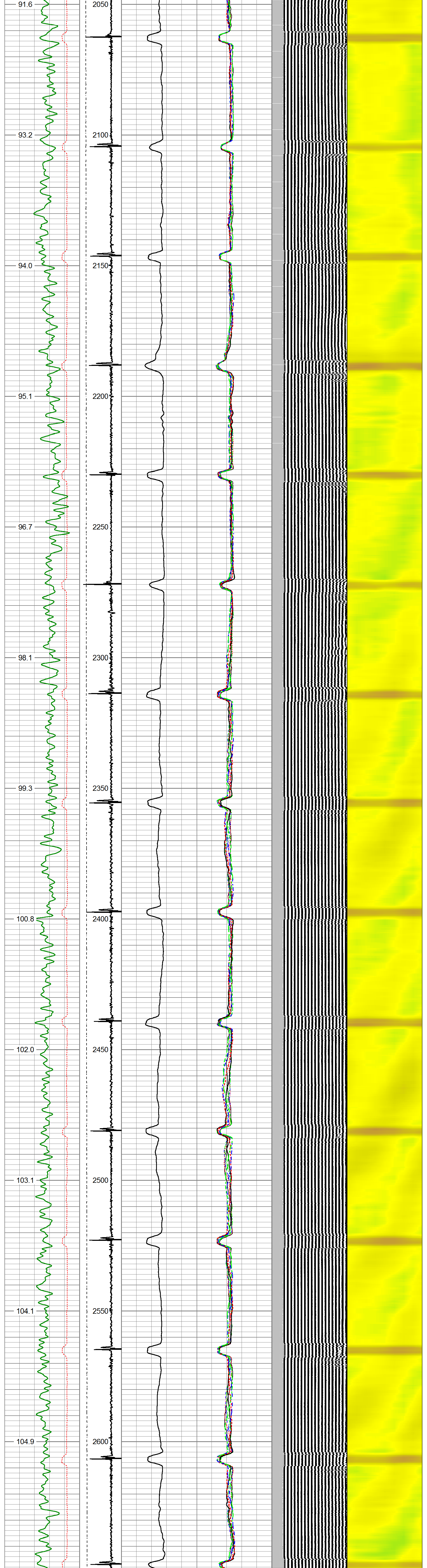
Travel Time	CCL	AMP	AMPS	VDL	Cement Map
330 (usec) 230	-3 CCL 1	0 AMP (mV) 100	-5 AMPS1 150	200 VDL (usec) 1200	1 Cement Map 8
Gamma Ray 0 (GAPI) 200	LTEN 0 (lb 3000	0 AMPx10 (mV) 10	-5 AMPS2 150		
TEMP (degF)			-5 AMPS3 150		
			-5 AMPS4 150		
			-5 AMPS5 150		
			-5 AMPS6 150		
			-5 AMPS7 150		
			-5 AMPS8 150		

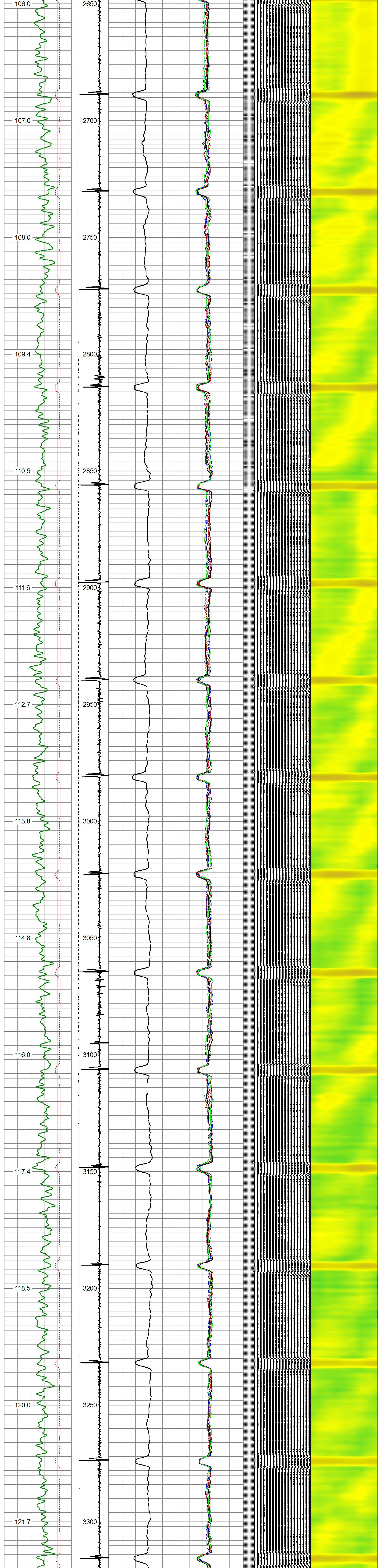


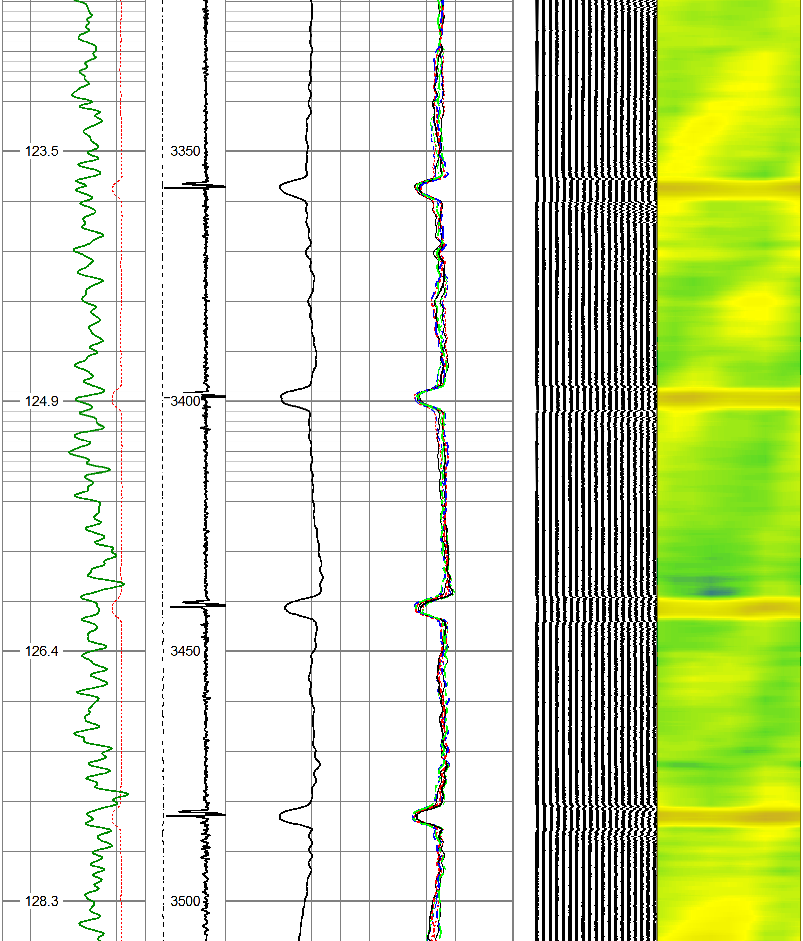


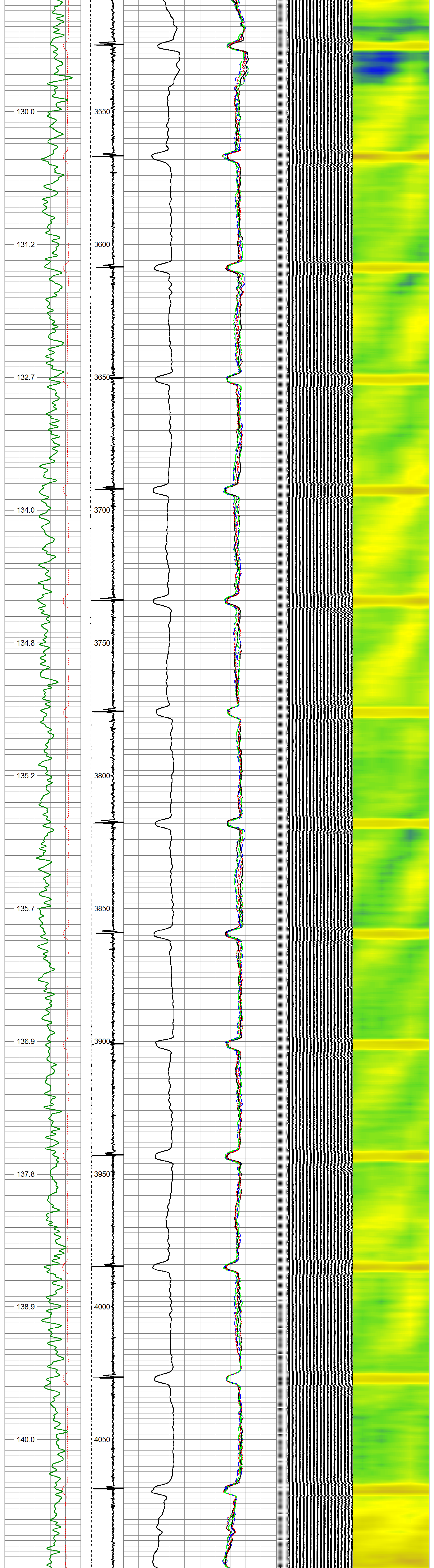


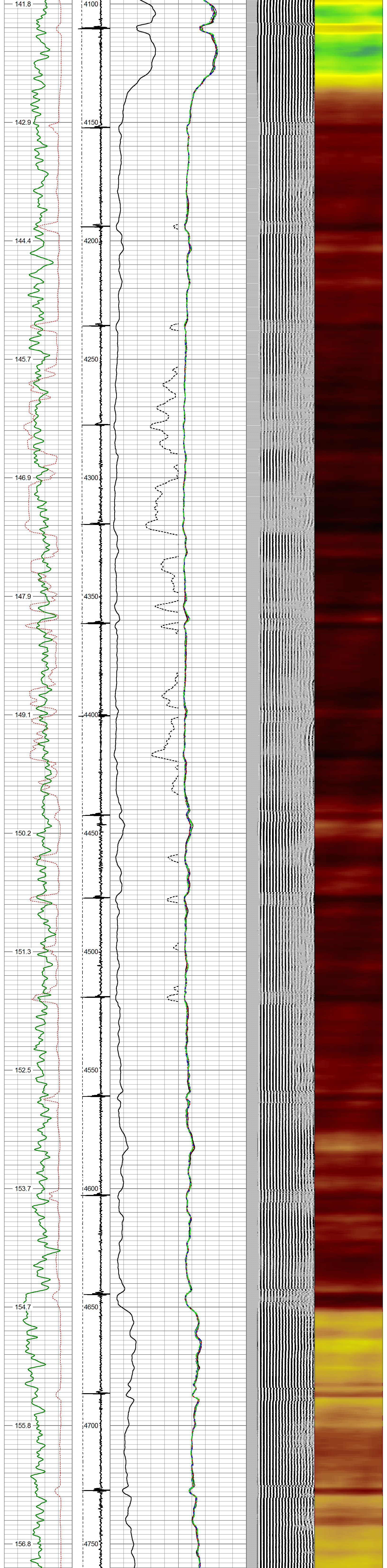


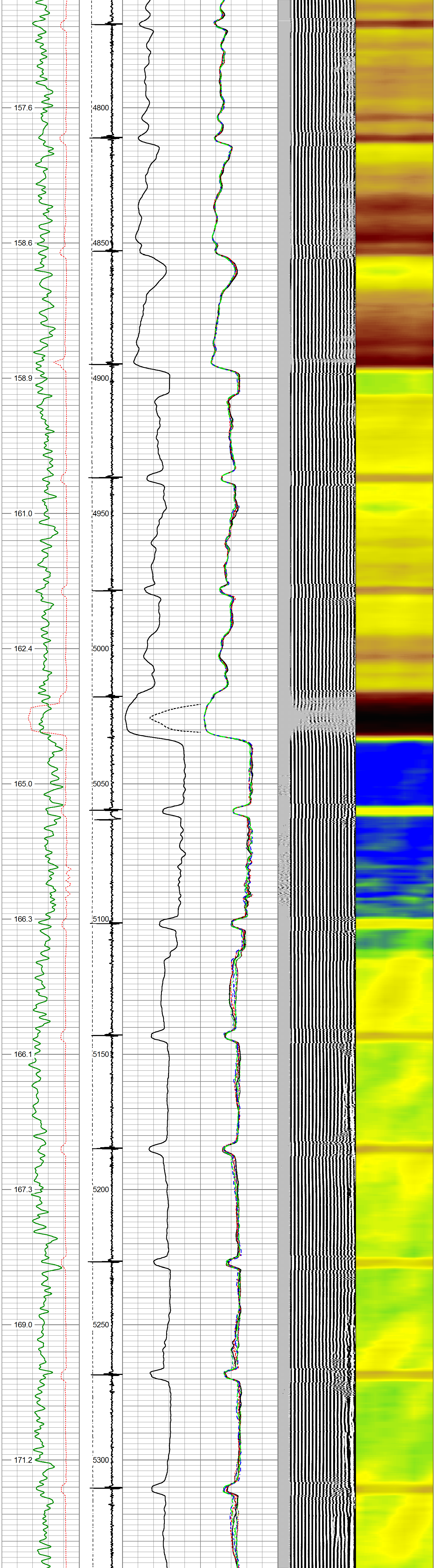


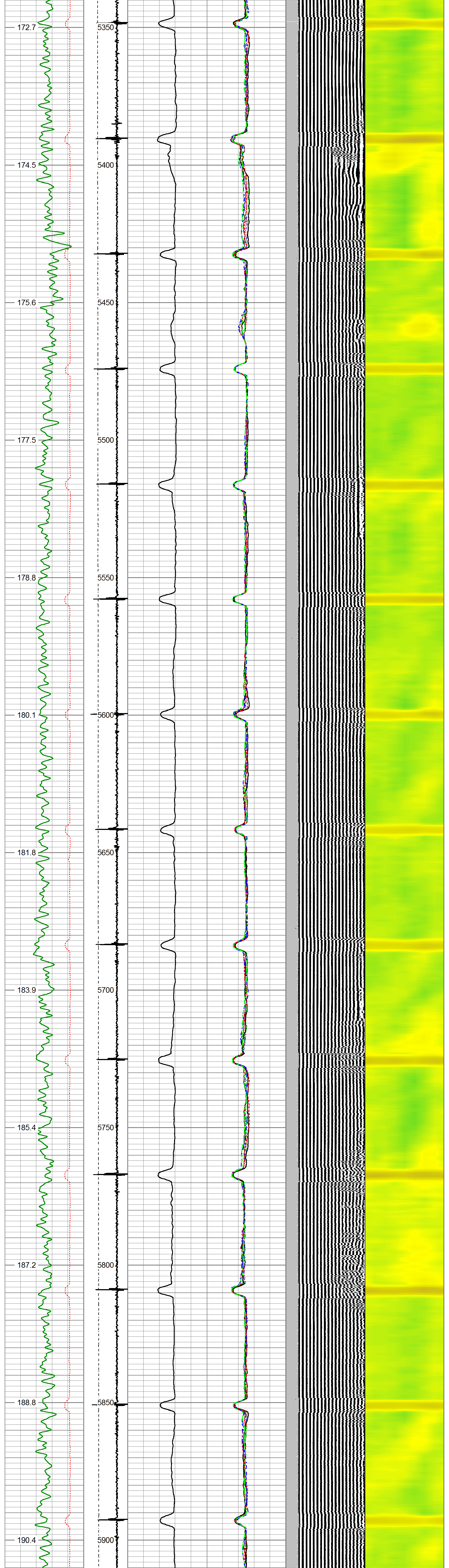


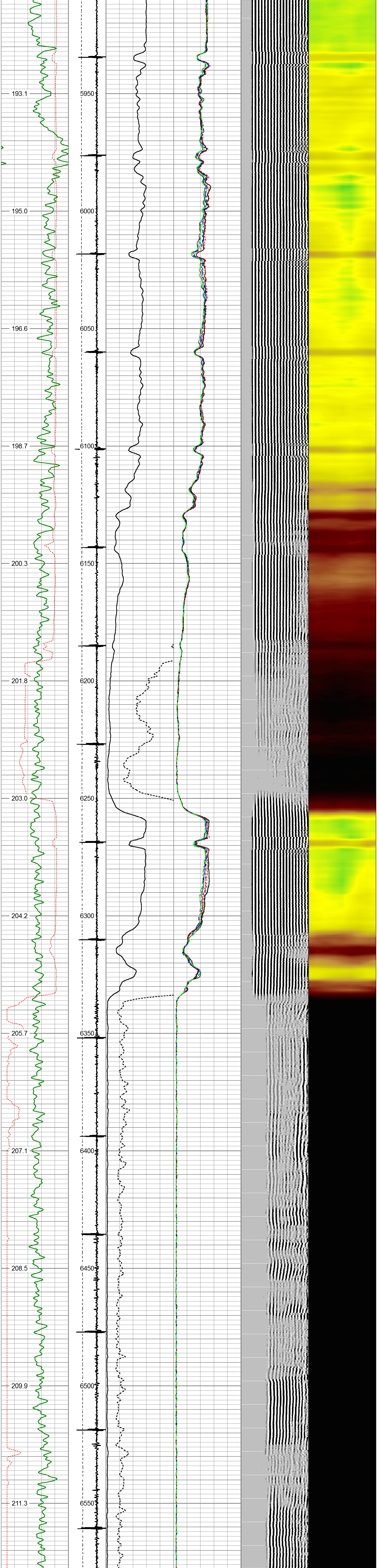


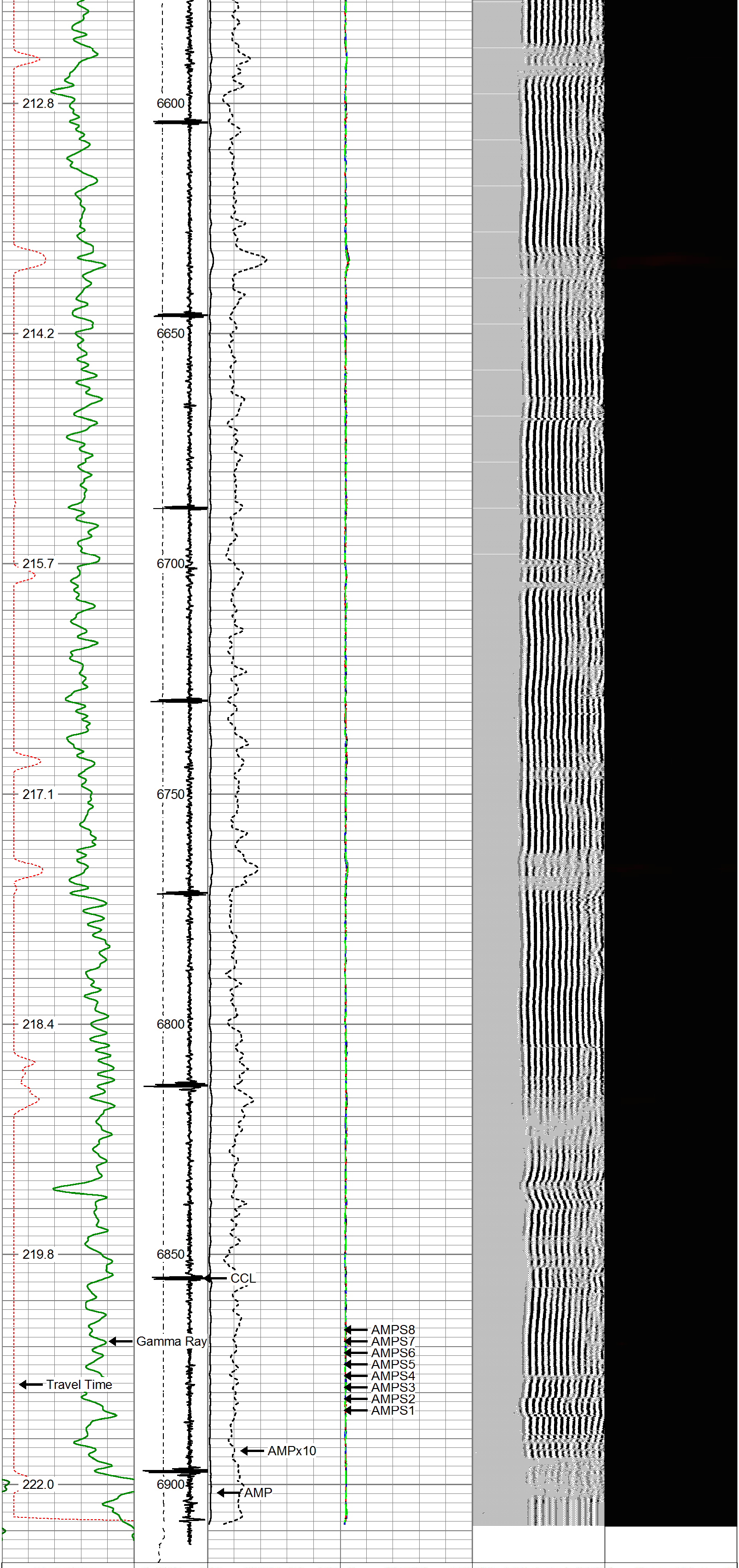












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Gamma Ray	0 (lb 3000		-5 AMPS3 150		
0 (GAPI) 200			-5 AMPS4 150		
TEMP			-5 AMPS5 150		
(degF)			-5 AMPS6 150		
			-5 AMPS7 150		
			-5 AMPS8 150		

Calibration Report

Database File 0512315298_strongfarmsinc28-10l_oxy.db
Dataset Pathname pass20
Dataset Creation Thu Mar 10 15:15:25 2022

Gamma Ray Calibration Report

Serial Number: FW1304-53
Tool Model: Probe275
Performed: Thu Jan 7 13:45:20 2021

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 GAPI/cps

Temperature Calibration Report

Serial Number: FW1304-53
Tool Model: Probe275
Performed: Fri Jan 8 11:49:42 2021

	Reference	Reading
Low Reference:	100.00 degF	6258.73
High Reference:	350.00 degF	26472.00

Gain: 0.01
Offset: 22.59
Delta Spacing 2

Segmented Cement Bond Log Calibration Report

Serial Number: FW1905-150
Tool Model: RBTC3

Calibration Casing Diameter: 4.500 in
Calibration Depth: 492.932 ft

Master Calibration, performed Thu Mar 10 14:40:15 2022:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.003	0.546	1.000	81.196	147.676	0.510
CAL	0.010	0.970				
5'	0.003	0.530	1.000	81.196	152.005	0.577
SUM						
S1	-0.000	0.516	0.000	100.000	193.614	0.057
S2	0.004	0.522	0.000	100.000	192.885	-0.706
S3	0.002	0.519	0.000	100.000	193.463	-0.472
S4	0.002	0.533	0.000	100.000	188.348	-0.441
S5	0.003	0.561	0.000	100.000	179.437	-0.596
S6	0.003	0.600	0.000	100.000	167.632	-0.540
S7	0.003	0.612	0.000	100.000	164.191	-0.457
S8	0.002	0.550	0.000	100.000	182.531	-0.437

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.010	0.970	1.000	0.000

Air Zero Calibration, performed Thu Mar 10 14:32:02 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

TWG
THE WIRELINE GROUP

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