Company Occidental Petroleum Corp.
Well Hickory 34-4HZ
Field Wattenberg
County Weld
State Colorado
Country USA

Radial Cement Bond Log

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Company	Occidental Petroleum Corp.
Well	Hickory 34-4HZ
Field	Wattenberg
County	Weld
State	Colorado
Country	USA

Location: API # : 0512352729
SHL: 2264' FSL & 1576' FEL NWSE
Lat/Long: 40.180831 / -104.872752
SEC 34 TWP 3N RGE 67W

Other Services
Gauge ring

Permanent Datum GL Elevation 4872'
Log Measured From KB 26' above GL
Drilling Measured From KB

Elevation
K.B. 4898'
D.F. N/A
G.L. 4872'

Date	8 June 2025		
Run Number	One		
Depth Driller	22000'		
Depth Logger	6650'		
Bottom Logged Interval	6648'		
Top Log Interval	Surface		
Open Hole Size	7.875"		
Type Fluid	Fresh water		
Density / Viscosity	8.3#		
Max. Recorded Temp.	220* F		
Estimated Cement Top	See log		
Time Well Ready	On arrival		
Time Logger on Bottom	14:15		
Equipment Number	8048		
Location	Windsor, CO		
Recorded By	Schuman		
Witnessed By	Kyle Carver		

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8.625"	28ppf L80 8Rd	Surface	1869'
Prot. String				
Production String	5.5"	17ppf P110 ICY TPN	Surface	21988'
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

Correlated to casing tally marker joint top at 6615'
Log ran under 2800 PSI surface-induced pressure.
Thank you for choosing The Wireline Group!!!

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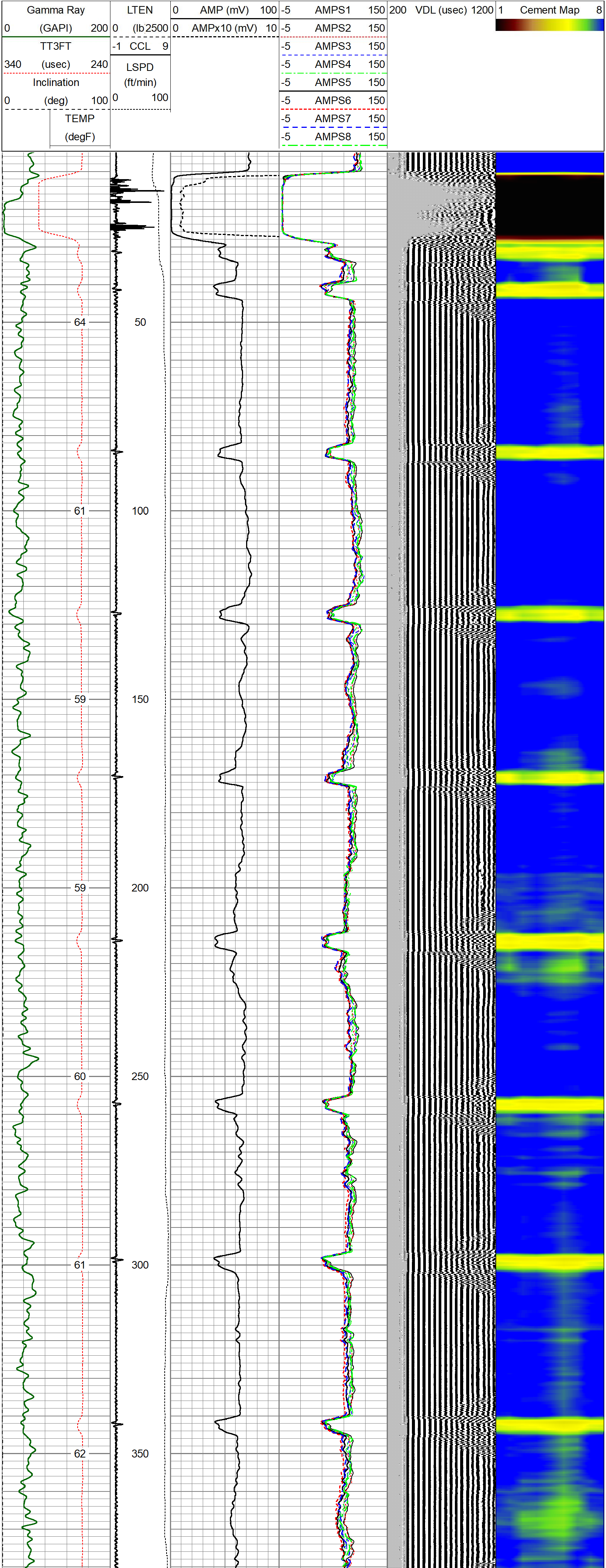
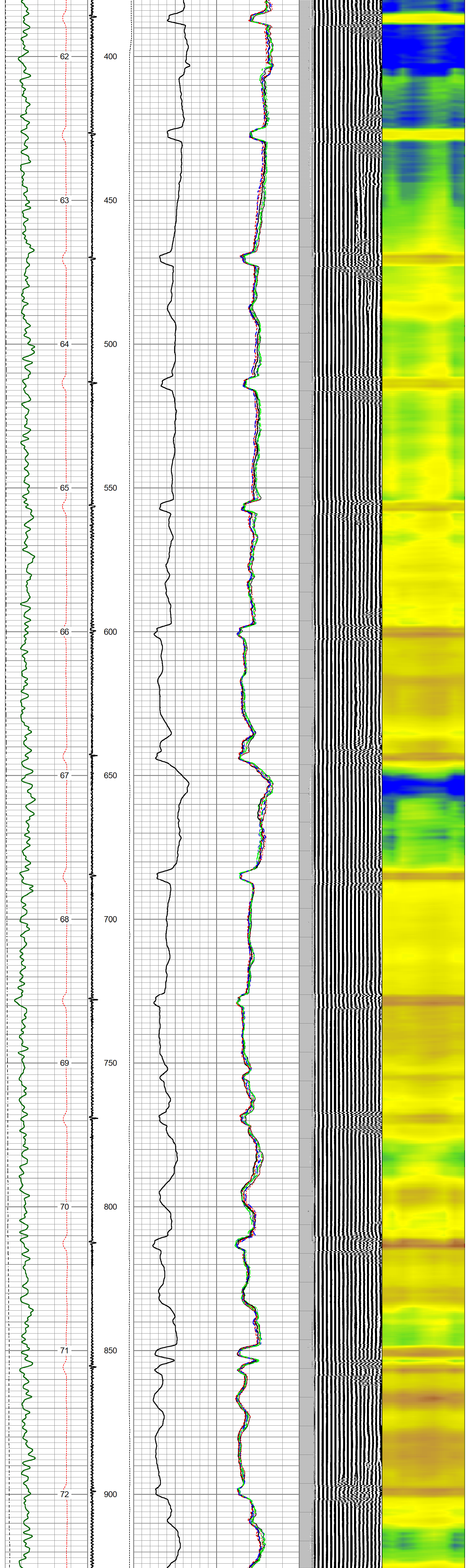
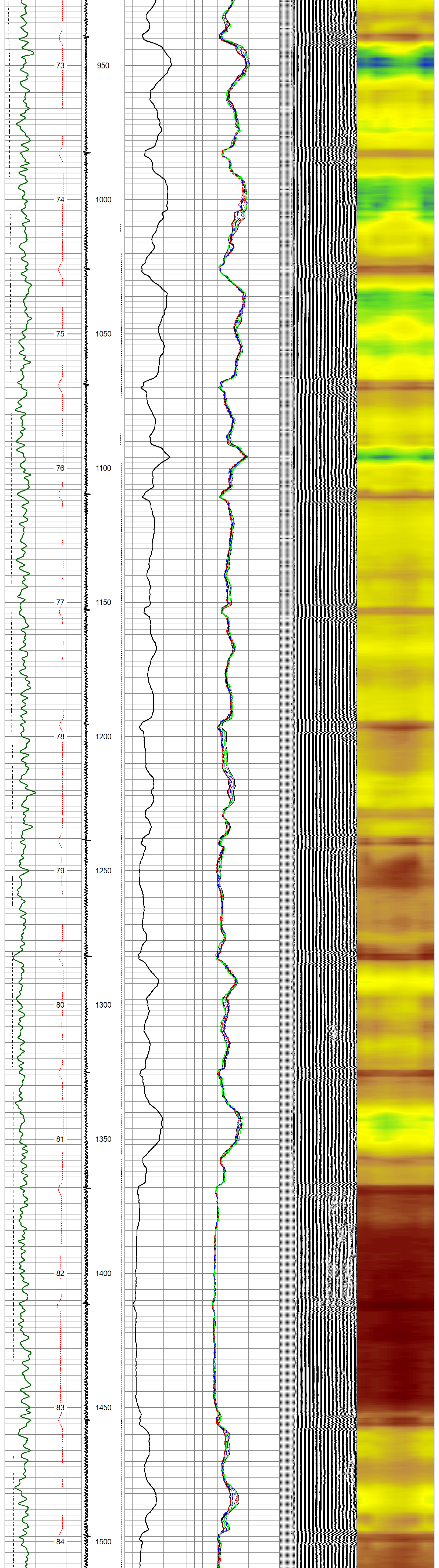
Main Pass

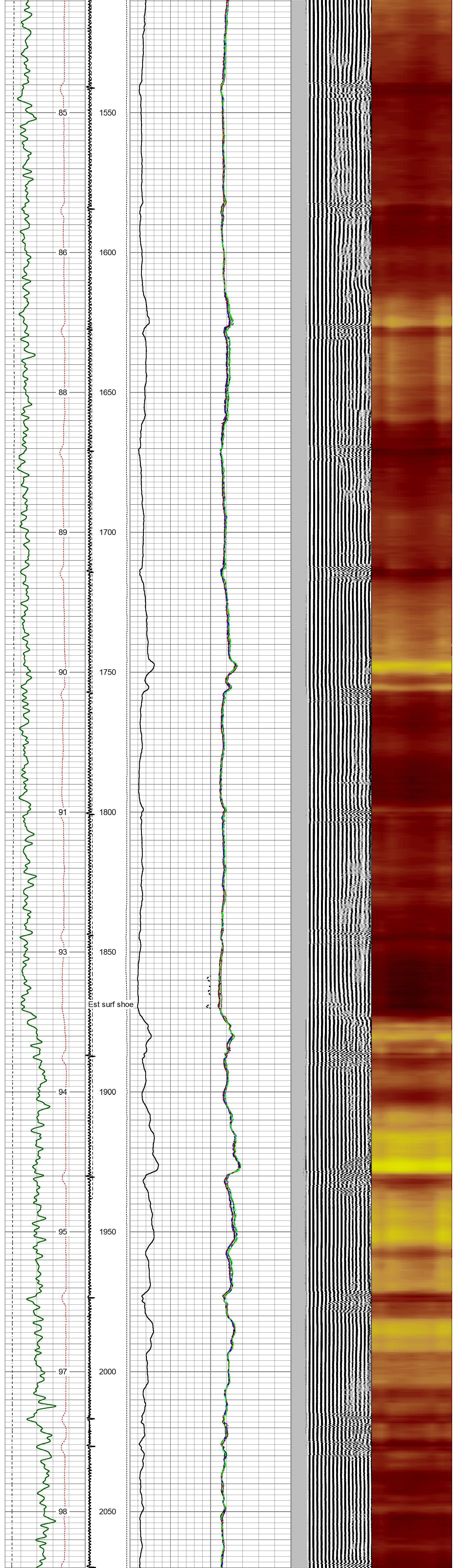
Log ran under 2800 PSI surface-induced pressure
5"=100'

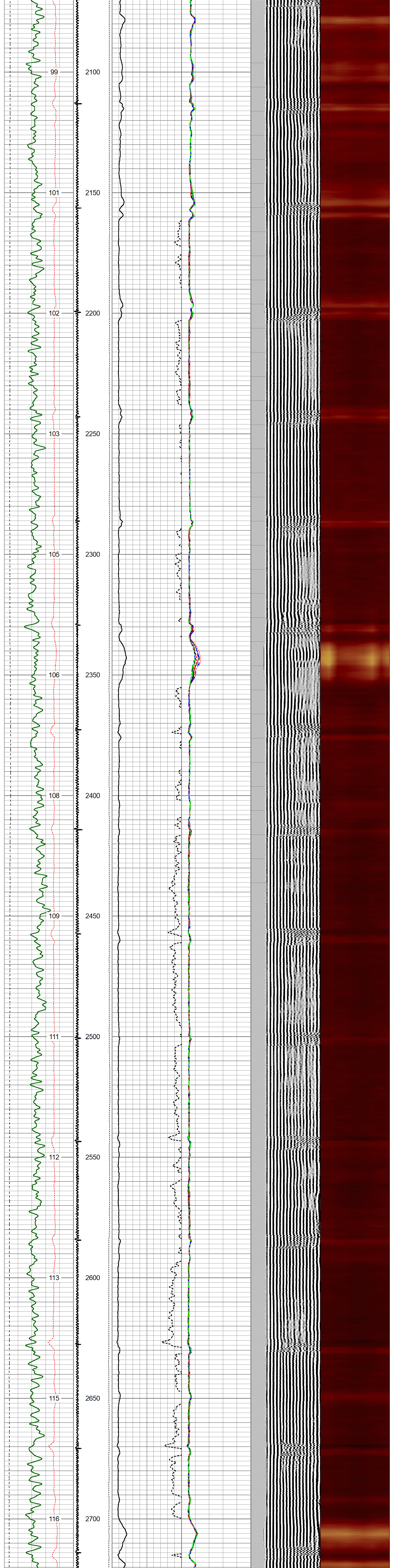
Database File	0512352729_hickory 34-4hz_oxy.db
Dataset Pathname	cbl/main
Presentation Format	rbt-gct8acc
Dataset Creation	Sun Jun 08 15:35:35 2025
Charted by	Depth in Feet scaled 1:240

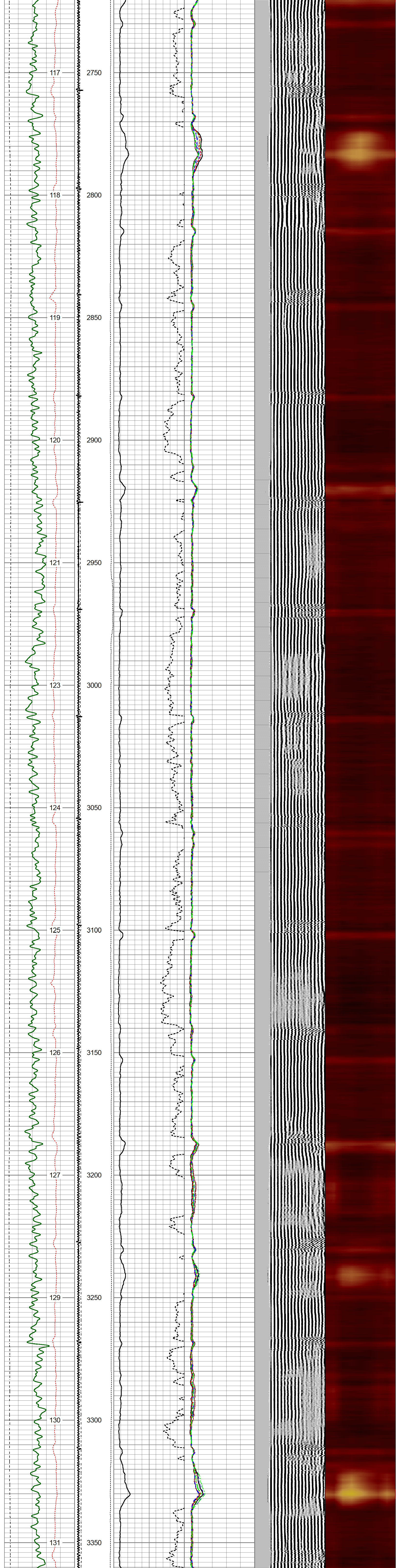


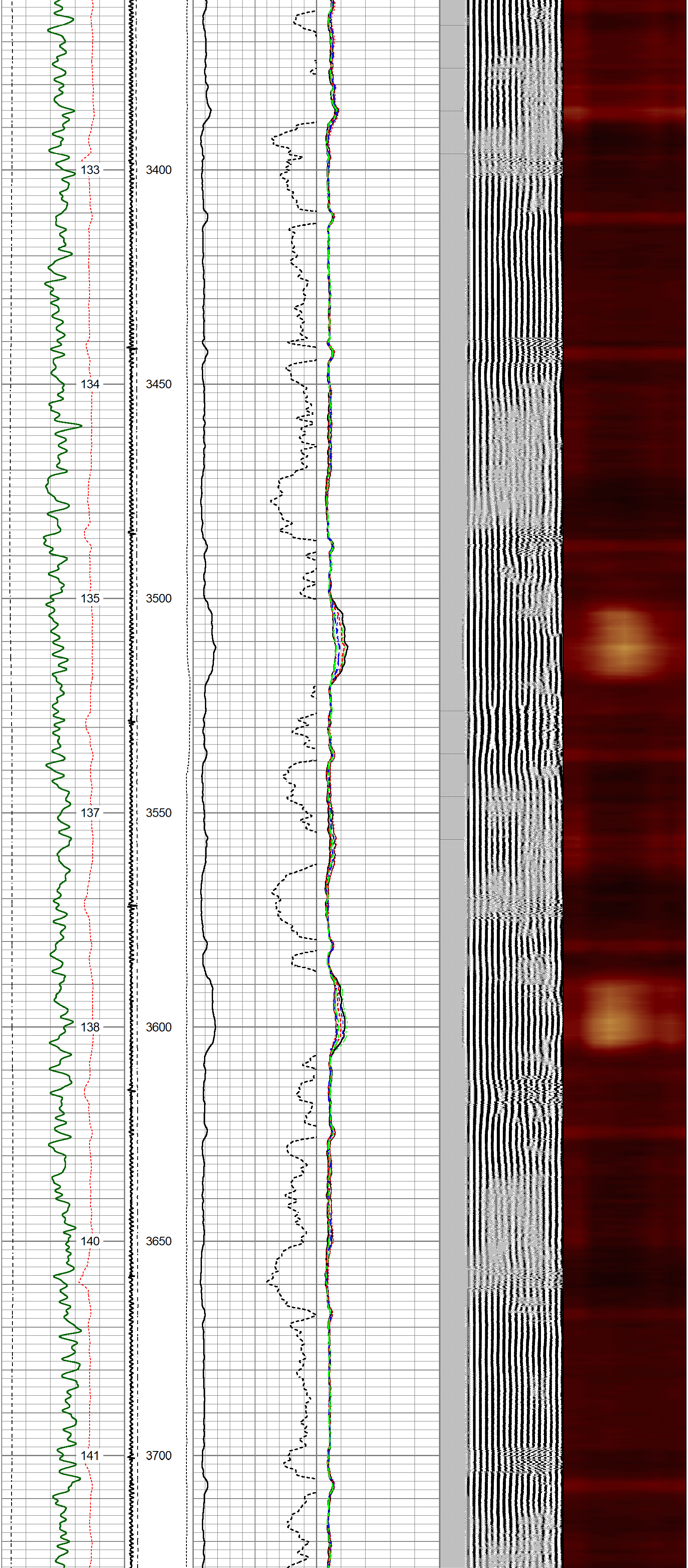


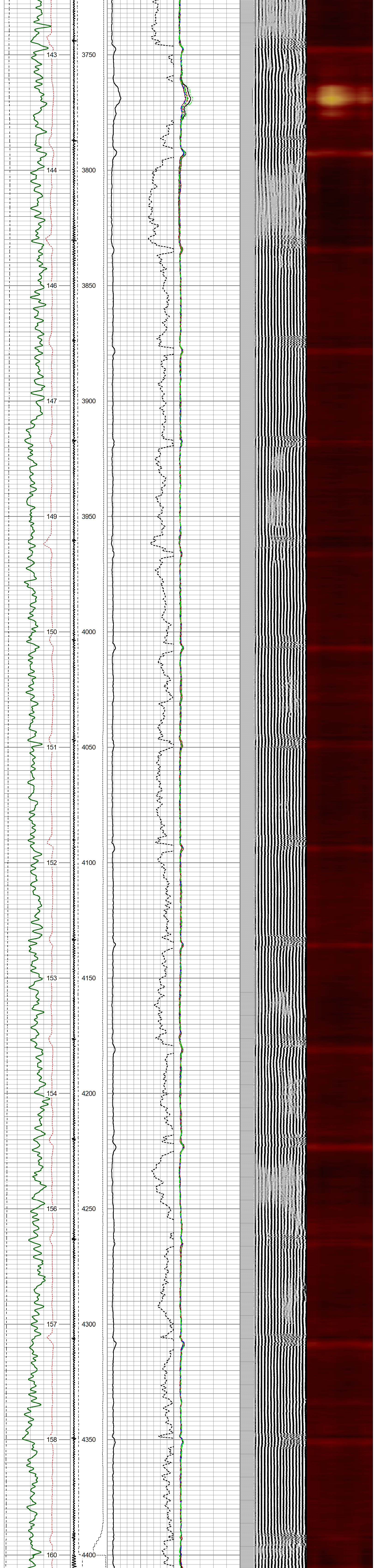


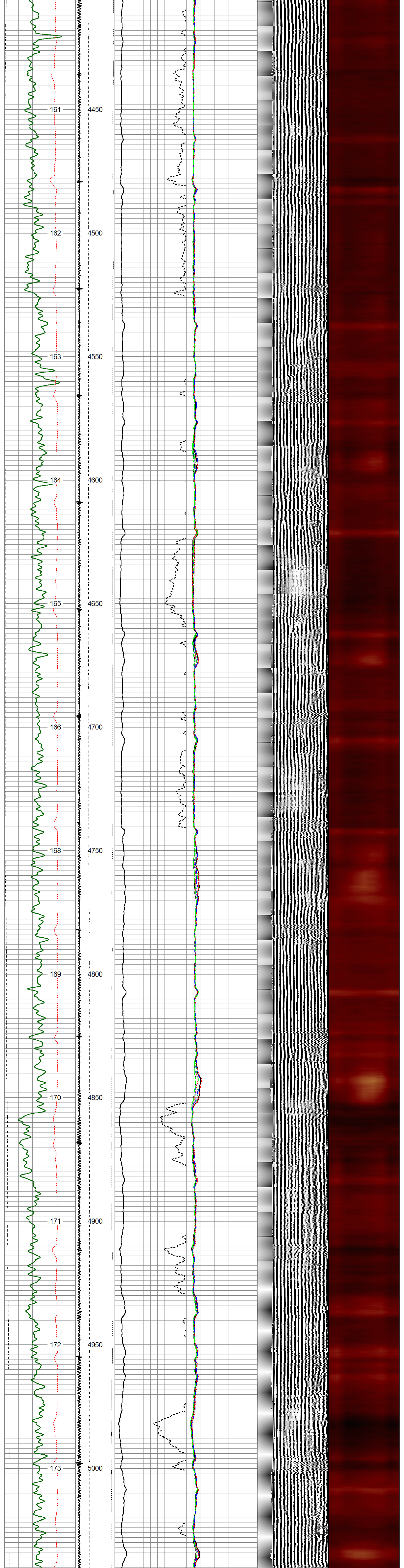


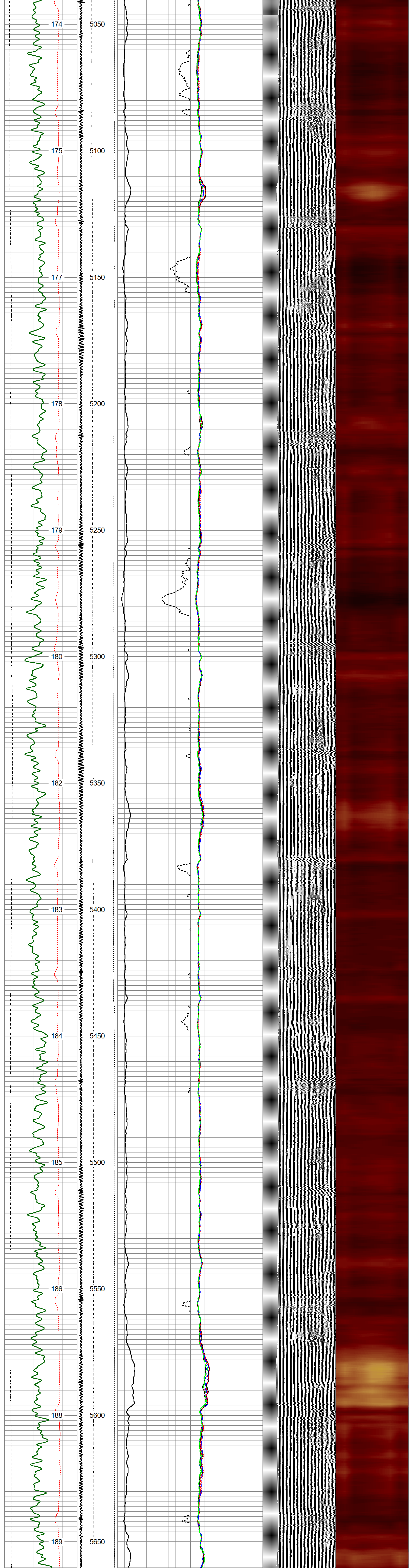


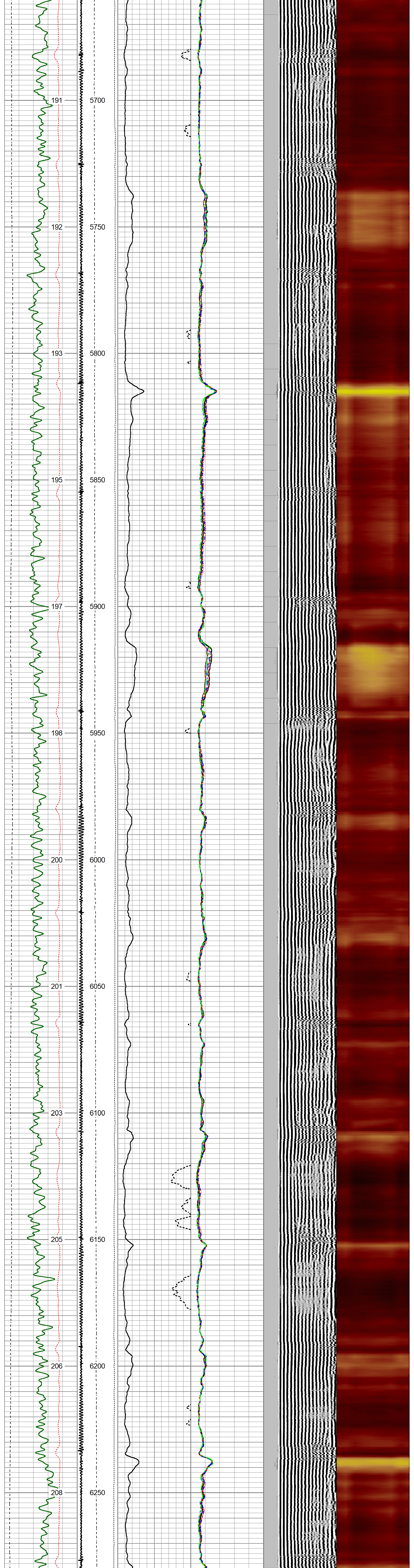


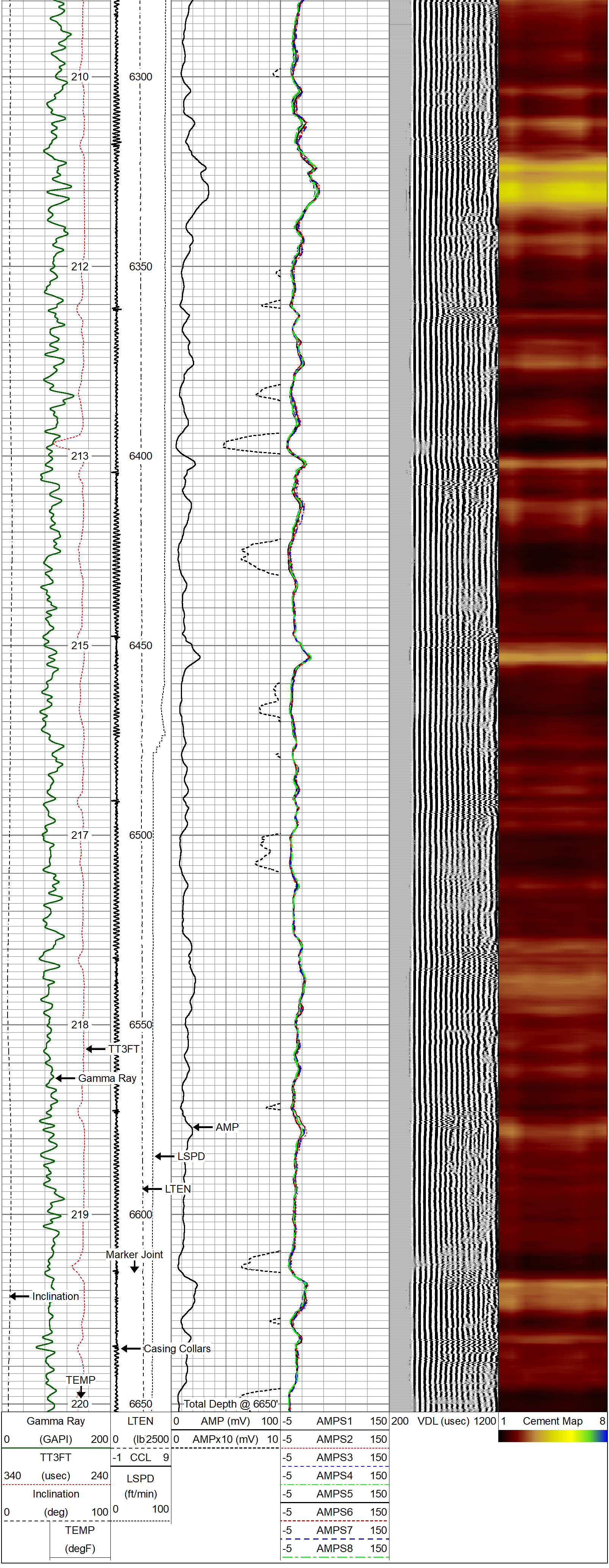












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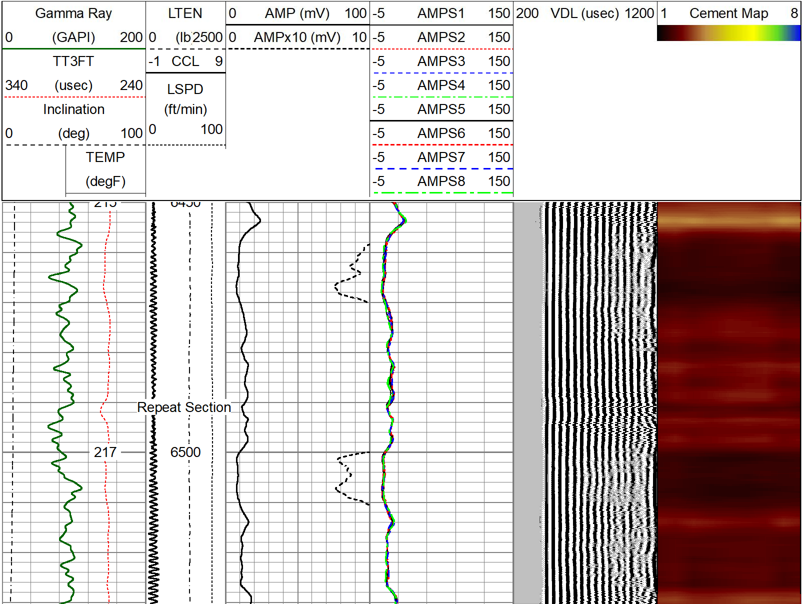
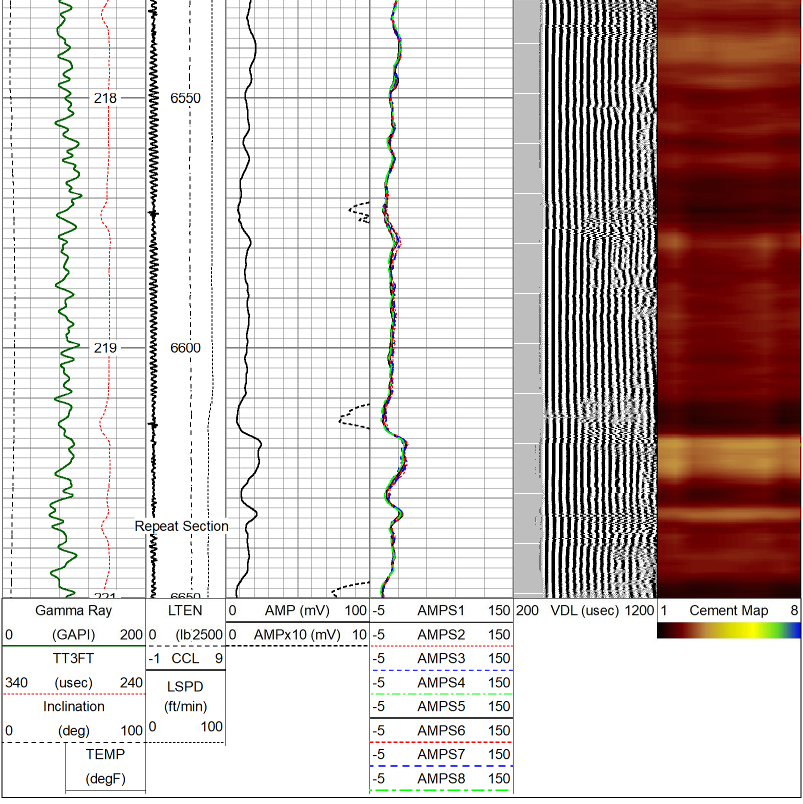
Repeat Section

Log ran under 2800 PSI surface-induced pressure
5"=100'

Database File	0512352729_hickory 34-4hz_oxy.db
Dataset Pathname	cbl/pass2
Presentation Format	rbt-gct8acc
Dataset Creation	Sun Jun 08 14:07:38 2025
Charted by	Depth in Feet scaled 1:240





Calibration Report

Database File	0512352729_hickory 34-4hz_oxy.db
Dataset Pathname	cbl/pass2
Dataset Creation	Sun Jun 08 14:07:38 2025

Gamma Ray Calibration Report

Serial Number:	FW1905-206	
Tool Model:	50-GCT275-0000	
Performed:	Mon May 12 08:42:36 2025	
Calibrator Value:	168.0	GAPI
Background Reading:	82.9	cps
Calibrator Reading:	321.1	cps
Sensitivity:	0.8647	GAPI/cps

Segmented Cement Bond Log Calibration Report

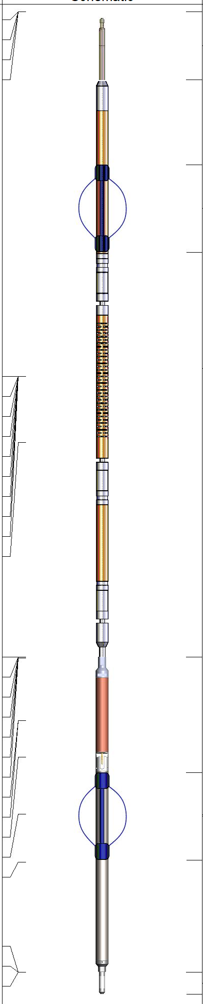
Serial Number:	131230_5.5	
Tool Model:	Probe275acc	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	001.206	ft

Master Calibration, performed Sun May 11 11:29:15 2025:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.010	0.996	1.000	71.921	71.902	0.305
CAL	0.007	1.007				
5'	0.013	0.909	1.000	71.921	79.118	0.007
SUM						
S1	0.013	1.012	0.000	100.000	100.117	-1.310
S2	0.012	1.074	0.000	100.000	94.147	-1.131
S3	0.011	0.959	0.000	100.000	105.506	-1.178
S4	0.010	0.949	0.000	100.000	106.560	-1.115
S5	0.012	0.996	0.000	100.000	101.633	-1.227
S6	0.011	1.023	0.000	100.000	98.770	-1.071
S7	0.012	1.050	0.000	100.000	96.313	-1.129
S8	0.015	0.950	0.000	100.000	107.002	-1.624

Sensor	Offset (ft)
GCT_FMWR	14.89
mSec_Count	14.89
RBT_Status	14.89
Error_Ct	14.89
WVFS8	9.35
WVFS7	9.35
WVFS6	9.35
WVFS5	9.35
WVFS4	9.35
WVFS3	9.35
WVFS2	9.35
WVFS1	9.35
WVF3FT	9.35
WVF5FT	8.35
RBT_HV	5.10
RBT_ACCZ	5.10
RBT_ACCY	5.10
RBT_ACCX	5.10
WVFSYNC	5.10
WVFCAL	5.10
GCT_HV	5.09
CCL$2	4.14
CCL$1	4.14
GCT_Temp	3.59
GR	2.72
GCT_IntTemp	2.00
GCT_ACCZ	0.33
GCT_ACCY	0.33
GCT_ACCX	0.33

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
SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow Spring Centralizer	1.33	4.80	10.00
RBT8acc-Probe275acc (131230_5.5) 2.75" Radial Corrosion with accelerometer	8.75	2.75	110.00
GCT_acc-50-GCT275-0000 (FW1905-206) Probe 2.75" Gamma Ray - CCL w/Temp (Single Pin)	4.77	2.75	55.00
SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow Spring Centralizer	1.33	4.80	10.00
Plug-FA108-0000 1.38" Bull Plug	0.33	1.38	1.00

Dataset:	0512352729_hickory 34-4hz_oxy.db: field/well/cbl/pass2
Total length:	14.89 ft
Total weight:	208.00 lb
O.D.:	4.80 in

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Company	Occidental Petroleum Corp.		
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Field	Wattenberg		
County	Weld		
State	Colorado	Country	USA