Radial Cement
Bond Log
Gamma Ray/CCL
Temperature

Company Occidental Petroleum Corp.
Well HSR-Bacanskas 13-35
Field Wattenberg
County Weld
State Colorado
Country USA

Company	Occidental Petroleum Corp.
Well	HSR-Bacanskas 13-35
Field	Wattenberg
County	Weld
State	Colorado

Country USA

Location: API # : 05-123-16074

SW SW
Lat: 40.2625147 Long: -104.7509833
SEC 35 TWP 4N RGE 66W

Other Services

Permanent Datum	Ground Level	Elevation	4853'
Log Measured From	KB=10'		
Drilling Measured From	Kelly Bushing		

Elevation
K.B. 4863'
D.F. 4862'
G.L. 4853'

Date	12 March 2025		
Run Number	One		
Depth Driller	7474'		
Depth Logger	5000'		
Bottom Logged Interval	5000'		
Top Log Interval	Surface		
Open Hole Size	7.875"		
Type Fluid	H2O		
Density / Viscosity	~8.3#		
Max. Recorded Temp.	174*F		
Estimated Cement Top	See Log		
Time Well Ready	ROA		
Time Logger on Bottom	1320		
Equipment Number	8049		
Location	Windsor		
Recorded By	McDaniel		
Witnessed By	Brandon Rivera		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
One	12.25"	KB	438'	2.38"	4.7#	KB	7268'
Two	7.875"	438'	7474'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8.63"	24# J-55	KB	429'
Prot. String				
Production String	4.50"	11.6# I-80	KB	7445'
Liner				

<<< Fold Here >>>

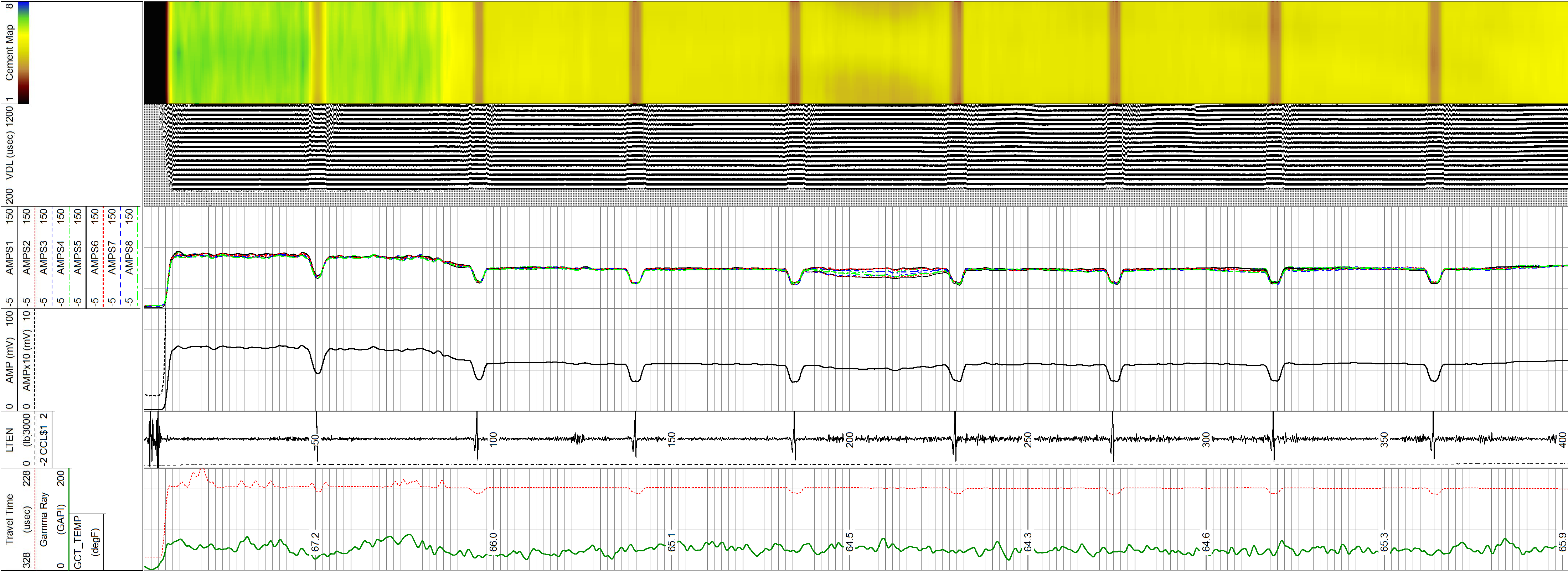
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

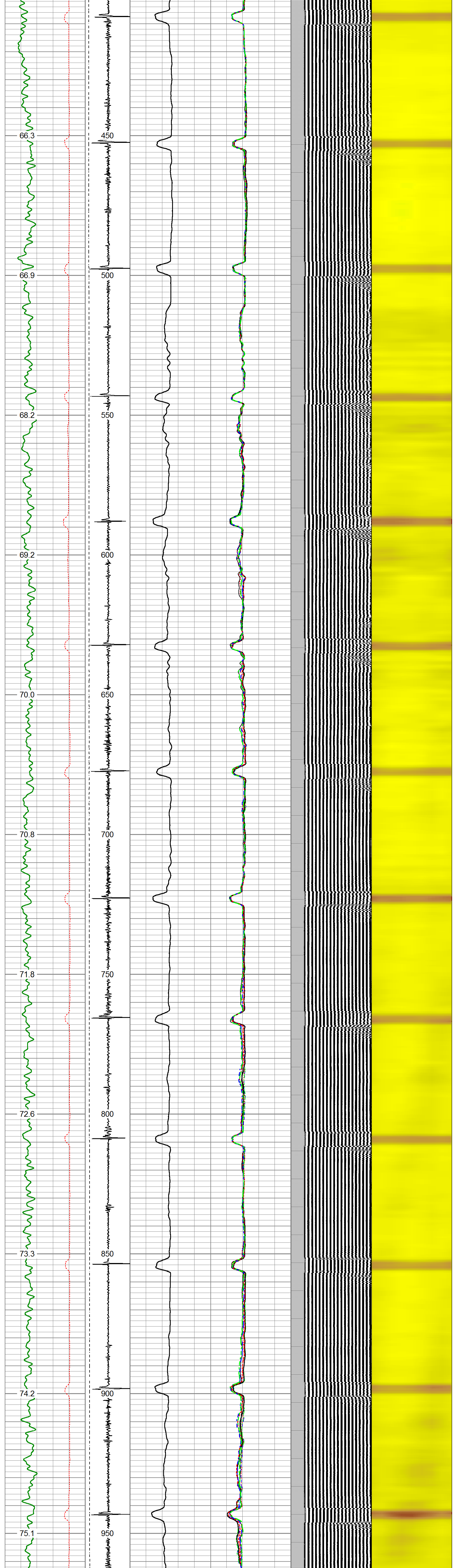
Comments

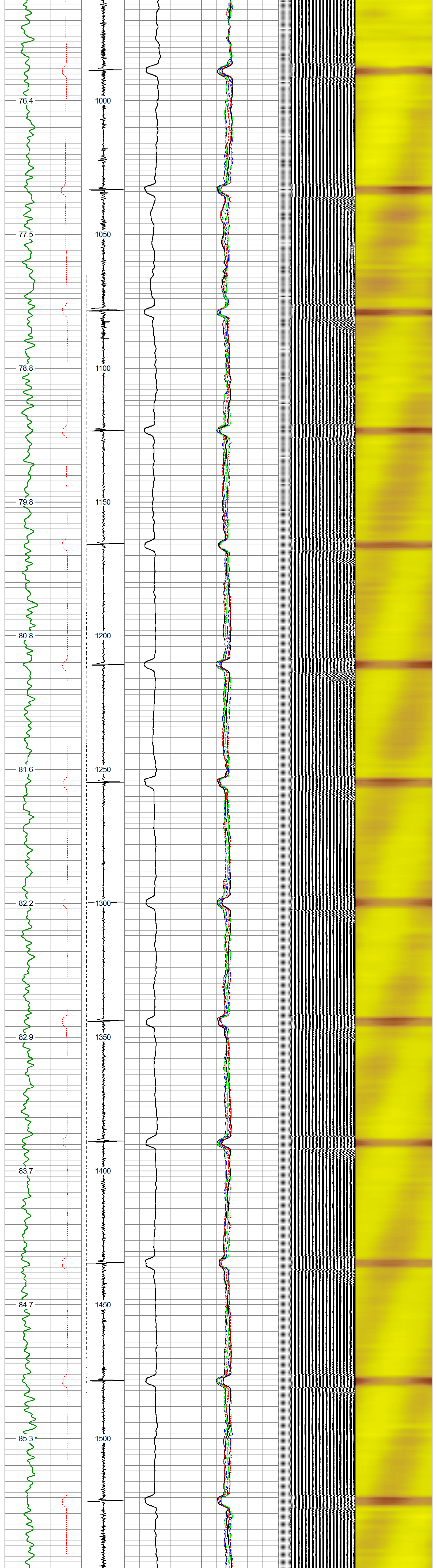
Log not correlated to any other log
Log ran w/ 0PSI applied @ surface
!!!!!!!!! Thank you for choosing The Wireline Group !!!!!!!!!

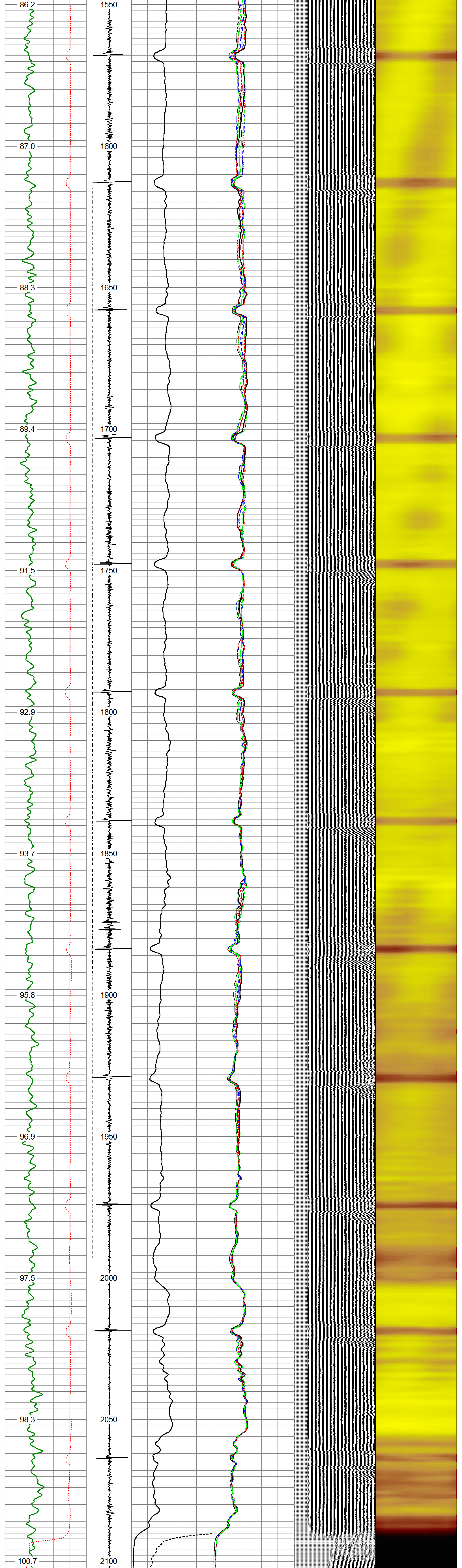
Main Pass 5"=100' (0PSI)

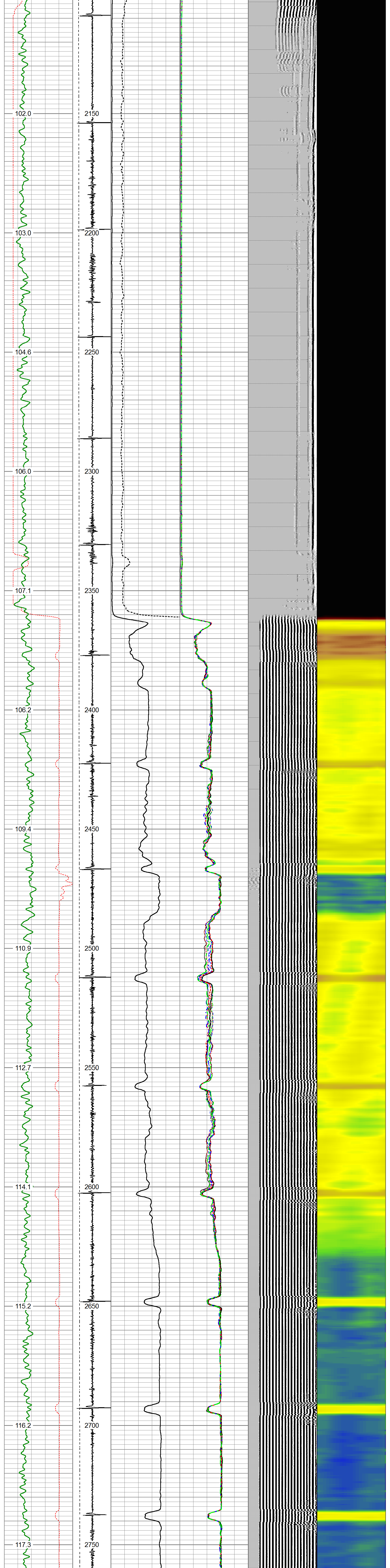
Database File	0512316074_hsr-bacanskas13-35_oxy.db
Dataset Pathname	pass5
Presentation Format	rbt-gct8acc
Dataset Creation	Wed Mar 12 13:22:59 2025
Charted by	Depth in Feet scaled 1:240

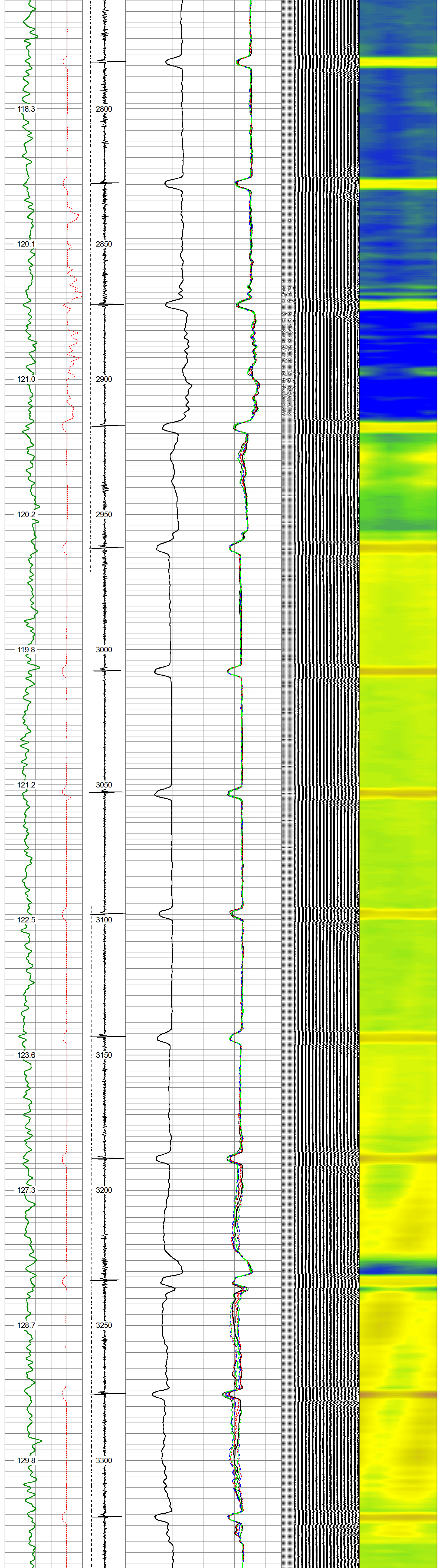


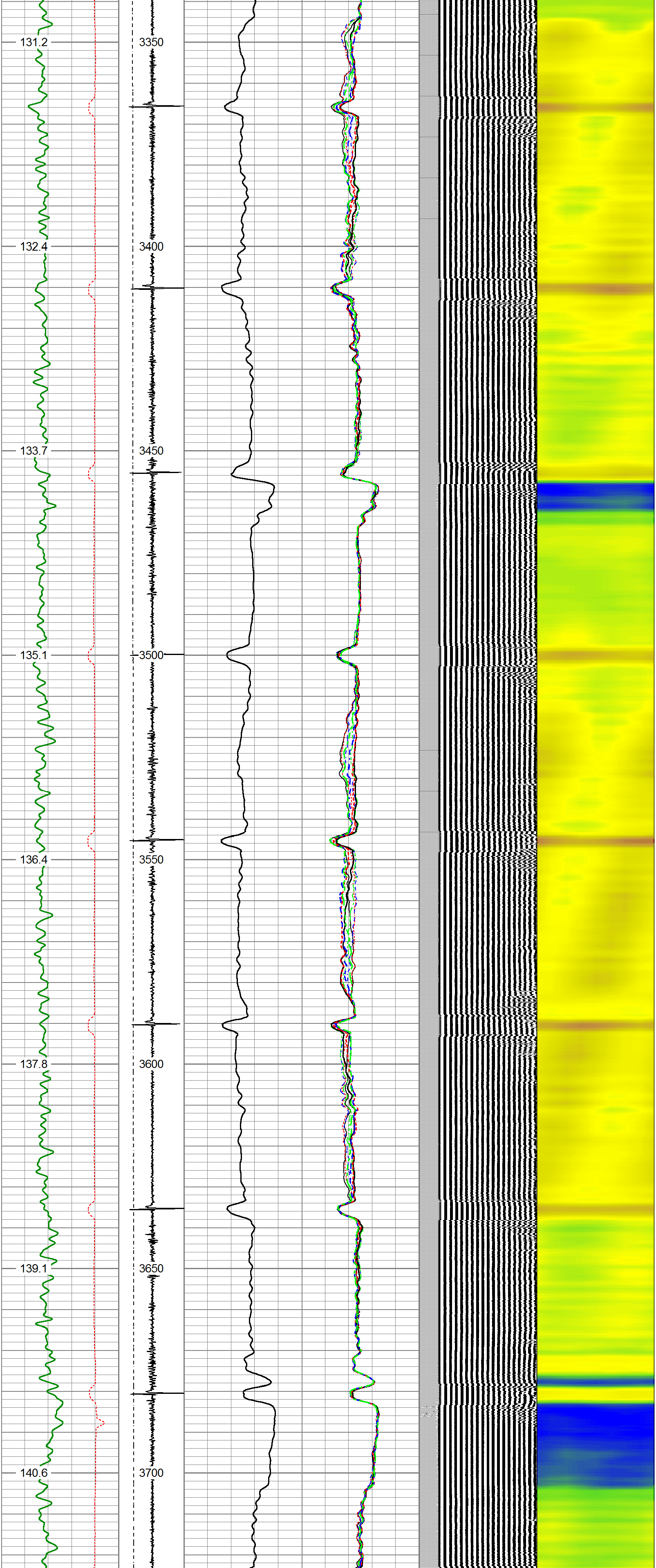


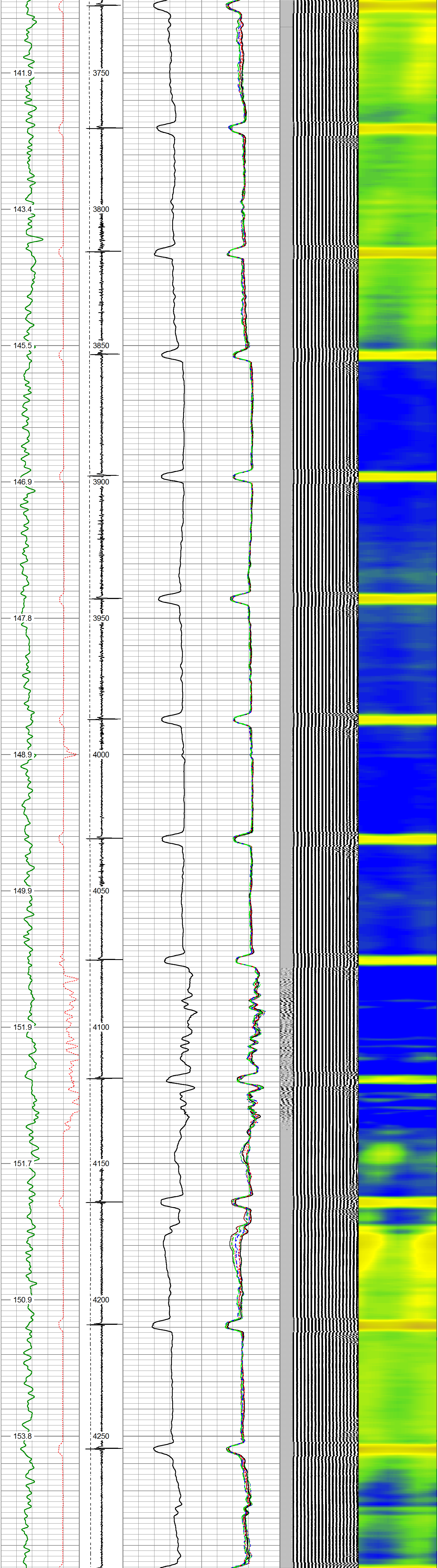


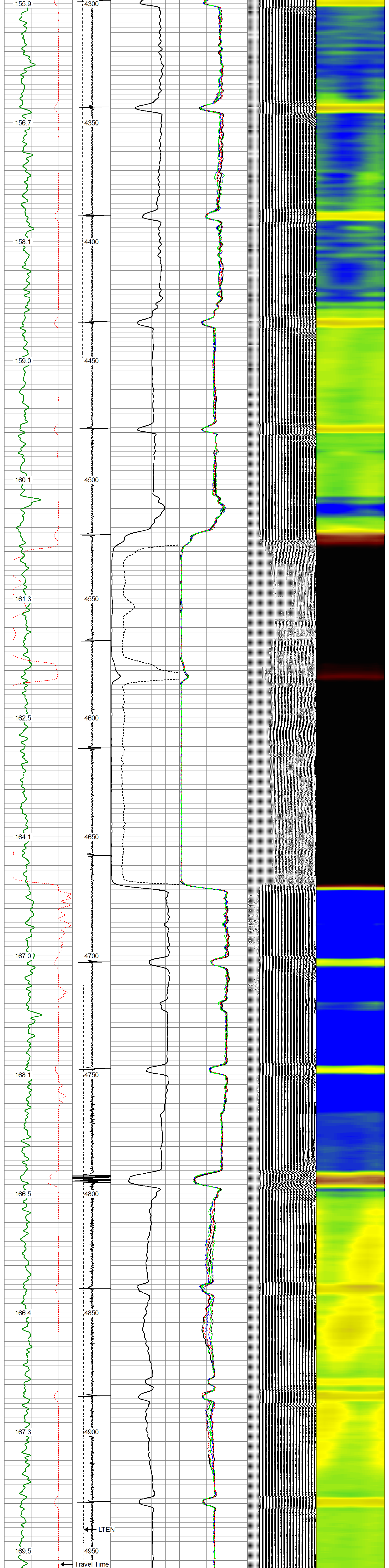


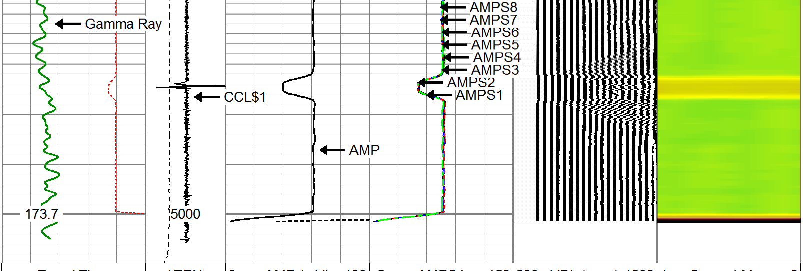












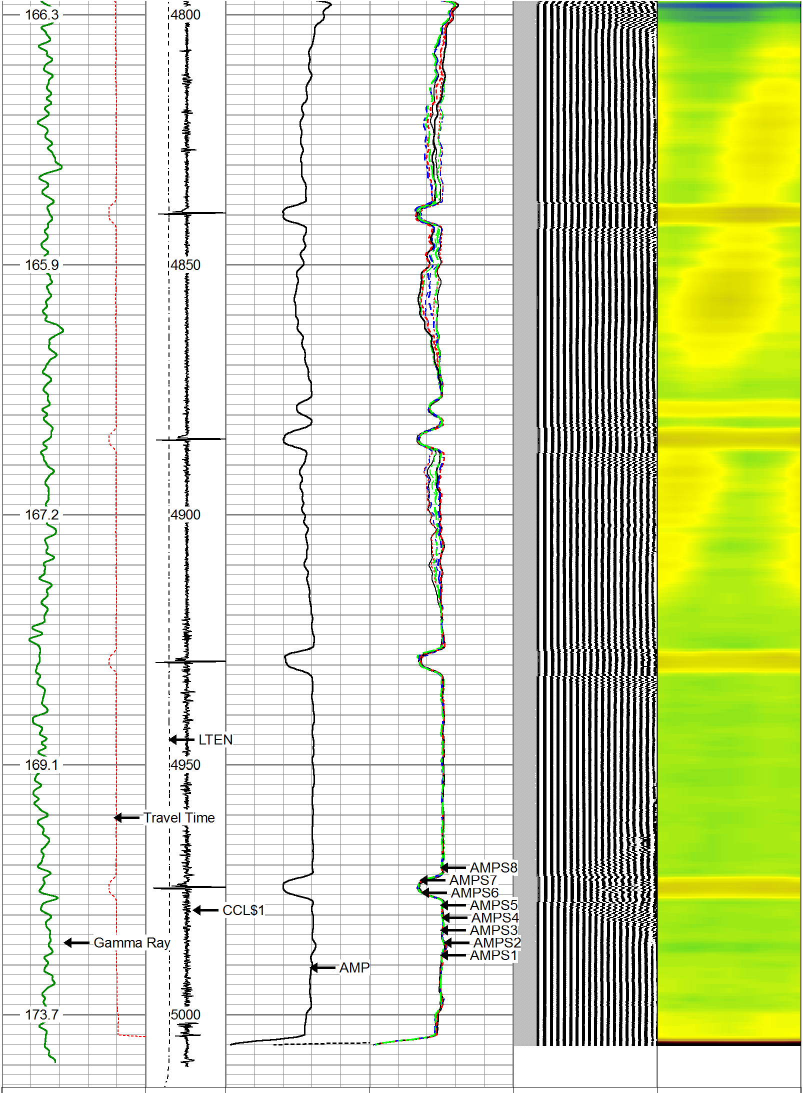
Travel Time	LTEN	0 AMP (mV) 100	-5 AMPS1 150	200 VDL (usec) 1200	1 Cement Map 8
328 (usec) 228	0 (lb 3000	0 AMPx10 (mV) 10	-5 AMPS2 150		
Gamma Ray	-2 CCL$1 2		-5 AMPS3 150		
0 (GAPI) 200			-5 AMPS4 150		
GCT_TEMP			-5 AMPS5 150		
(degF)			-5 AMPS6 150		
			-5 AMPS7 150		
			-5 AMPS8 150		

TWG
THE WIRELINE
GROUP

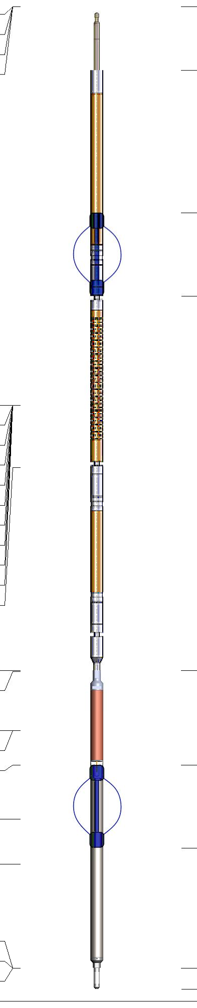
Repeat Pass 5"=100' (0PSI)

Database File	0512316074_hsr-bacanskas13-35_oxy.db
Dataset Pathname	pass3
Presentation Format	rbt-gct8acc
Dataset Creation	Wed Mar 12 13:18:30 2025
Charted by	Depth in Feet scaled 1:240

Travel Time	LTEN	0 AMP (mV) 100	-5 AMPS1 150	200 VDL (usec) 1200	1 Cement Map 8
328 (usec) 228	0 (lb 3000	0 AMPx10 (mV) 10	-5 AMPS2 150		
Gamma Ray	-2 CCL$1 2		-5 AMPS3 150		
0 (GAPI) 200			-5 AMPS4 150		
GCT_TEMP			-5 AMPS5 150		
(degF)			-5 AMPS6 150		
			-5 AMPS7 150		
			-5 AMPS8 150		



Travel Time	LTEN	0 AMP (mV) 100	-5 AMPS1 150	200 VDL (usec) 1200	1 Cement Map 8
328 (usec) 228	0 (lb 3000	0 AMPx10 (mV) 10	-5 AMPS2 150		
Gamma Ray	-2 CCL$1 2		-5 AMPS3 150		
0 (GAPI) 200			-5 AMPS4 150		
GCT_TEMP			-5 AMPS5 150		
(degF)			-5 AMPS6 150		
			-5 AMPS7 150		
			-5 AMPS8 150		

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
GCT_FMWR mSec_Count RBT_Status Error_Ct	15.75 15.75 15.75 15.75		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	3.25	10.00
			RBT-RBTC3 (FW1906-032)	9.62	2.75	90.00
WVFS8 WVFS7 WVFS6 WVFS5 WVFS4 WVFS3 WVFS2 WVFS1 WVFCAL WVF3FT WVF5FT	9.35 9.35 9.35 9.35 9.35 9.35 9.35 9.35 9.35 9.35 8.35					
WVFSYNC GCT_HV	5.10 5.09					
CCL$2 CCL$1 GCT_Temp	4.14 4.14 3.59					
GR	2.72		SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow Spring Centralizer	1.33	3.25	10.00
GCT_IntTemp	2.00		GCT_acc-50-GCT275-0000 (FW1905-206) Probe 2.75" Gamma Ray - CCL w/Temp (Single Pin)	4.77	2.75	55.00
GCT_ACCZ GCT_ACCY GCT_ACCX	0.33 0.33 0.33		Plug-FA108-0000 1.38" Bull Plug	0.33	1.38	1.00

Dataset:	0512316074_hsr-bacanskas13-35_oxy.db: field/well/run1/pass5
Total length:	15.75 ft
Total weight:	168.00 lb
O.D.:	3.25 in

Calibration Report

Database File	0512316074_hsr-bacanskas13-35_oxy.db
Dataset Pathname	pass5
Dataset Creation	Wed Mar 12 13:22:59 2025

Gamma Ray Calibration Report

Serial Number:	FW1905-206	
Tool Model:	50-GCT275-0000	
Performed:	Thu Feb 29 09:50:44 2024	
Calibrator Value:	163.2	GAPI
Background Reading:	70.0	cps
Calibrator Reading:	318.1	cps
Sensitivity:	0.6579	GAPI/cps

Inclinometer Calibration Report

Performed: Thu Mar 16 16:41:53 2023

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-906.00	896.00	-1.00	1.00	gee
Y Accelerometer	-943.00	900.00	-1.00	1.00	gee
Z Accelerometer	1.47	-896.93	0.00	1.00	gee

Segmented Cement Bond Log Calibration Report

Serial Number:	FW1906-032	
Tool Model:	RBTC3	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	304.154	ft

Master Calibration, performed Wed Mar 12 12:57:15 2025:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.008	0.753	2.000	81.196	106.365	1.129
CAL	0.008	0.888				
5'	0.014	0.733	2.000	81.196	110.240	0.421
SUM						
S1	0.032	0.780	0.000	100.000	133.686	-4.338
S2	0.009	0.753	0.000	100.000	134.266	-1.155
S3	0.010	0.715	0.000	100.000	141.767	-1.416
S4	0.011	0.704	0.000	100.000	144.200	-1.530
S5	0.009	0.736	0.000	100.000	137.681	-1.308
S6	0.009	0.777	0.000	100.000	130.212	-1.140
S7	0.011	0.789	0.000	100.000	128.526	-1.465
S8	0.009	0.799	0.000	100.000	126.547	-1.145

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.008	0.888	1.000	0.000

Air Zero Calibration, performed Wed Mar 12 12:53:14 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

TWG
THE WIRELINE
GROUP

Company	Occidental Petroleum Corp.		
Well	HSR-Bacanskas 13-35		
Field	Wattenberg		
County	Weld		
State	Colorado	Country	USA