Cement Bond Log

Company	Occidental Petroleum Corp
Well	Ralph Nix Produce 28-1L
Field	Wattenberg
County	Weld
State	CO
Country	USA

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Location: API # : 0512317495

SHL: 659' FNL & 647' FEL NENE
Lat/Long: 40.201751 / -104.888511

SEC 28 TWP 3N RGE 67W

Other Services: Sqz Gun

Permanent Datum: Ground Level — Elevation 4785'
Log Measured From: Kelly Bushing 13' APD
Drilling Measured From: Kelly Bushing

Elevation
K.B. 4798'
D.F. 4797'
G.L. 4785'

Date	6 June 2024
Run Number	One
Depth Driller	7328'
Depth Logger	5063'
Bottom Logged Interval	5058'
Top Log Interval	Surface
Open Hole Size	7.875"
Type Fluid	Water
Density / Viscosity	8.3#
Max. Recorded Temp.	N/A
Estimated Cement Top	See log
Time Well Ready	On arrival
Time Logger on Bottom	08:30
Equipment Number	8045
Location	Windsor, CO
Recorded By	Schuman
Witnessed By	Mr Brandon Rivera

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8.625"	24 ppf	Surafce	509'
Prot. String				
Production String	3.5"	7.7 ppf	Surface	7320'
Liner	2.375"	4.7 ppf	6790'	7728'

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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.

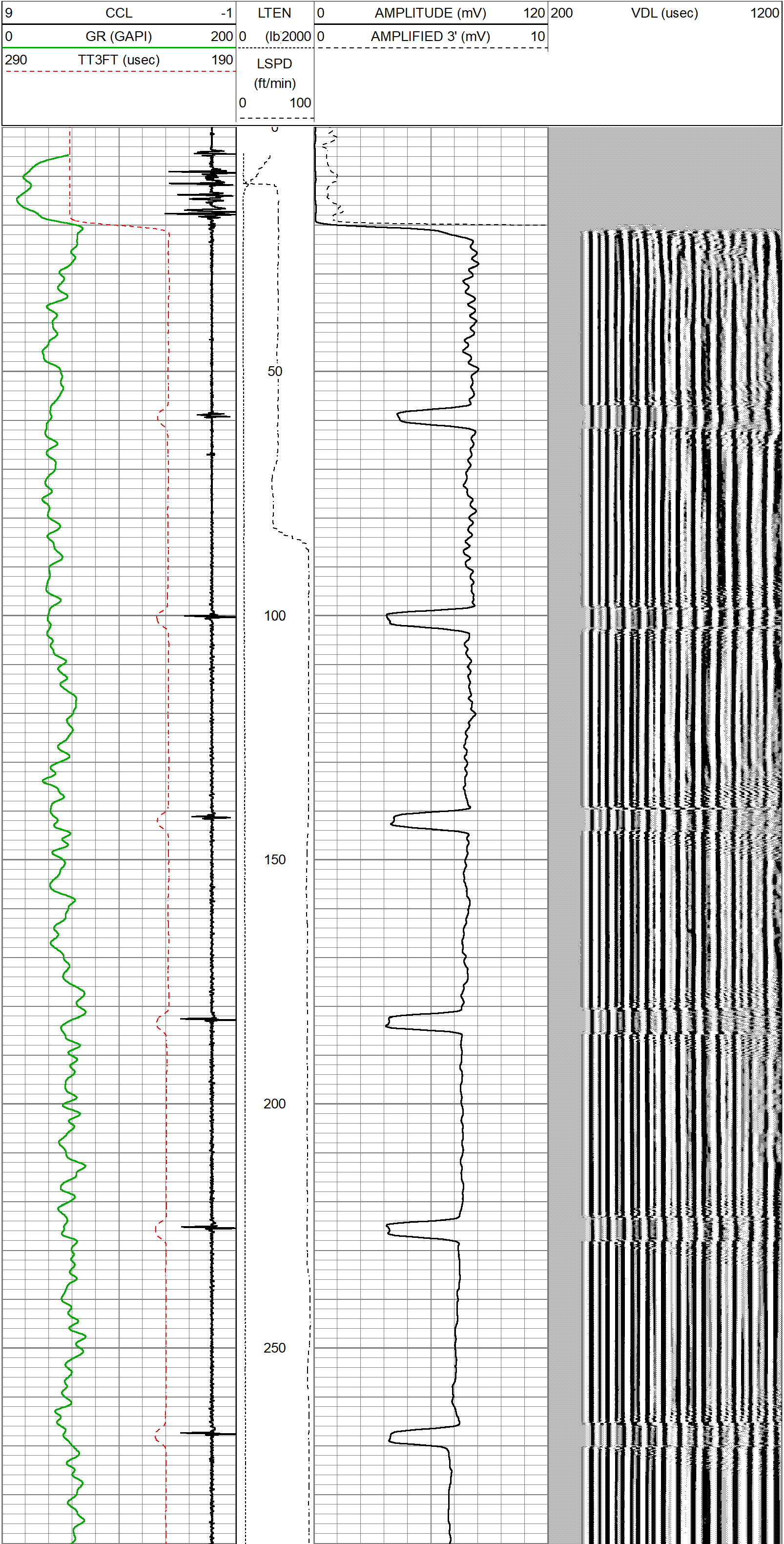
Comments

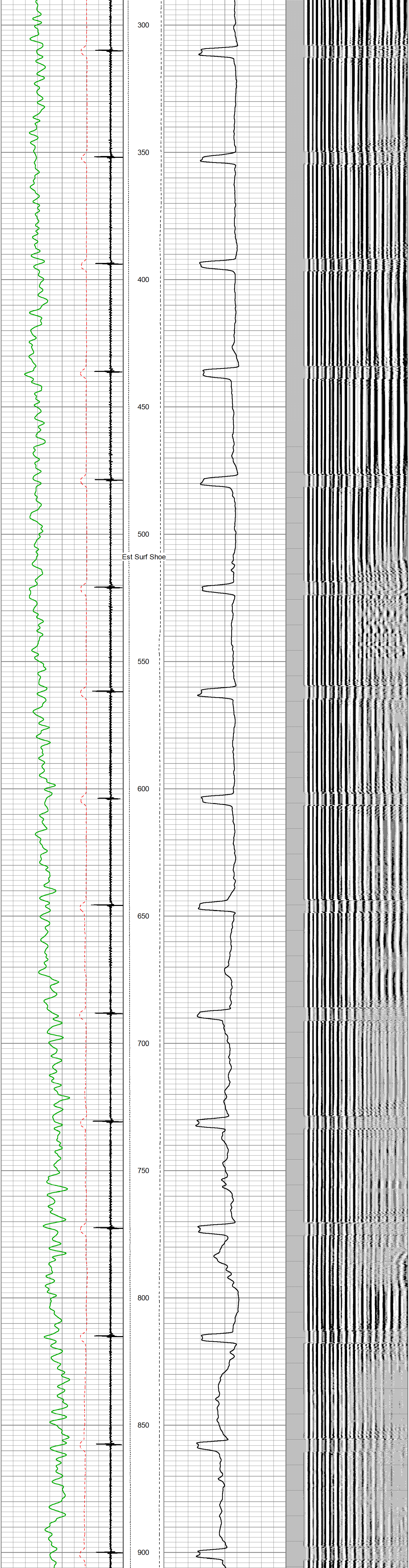
Correlated to Atlas DIL dated 10/17/1993
Log ran with 0 PSI surface-induced pressure.
Thank you for using The Wireline Group!!!

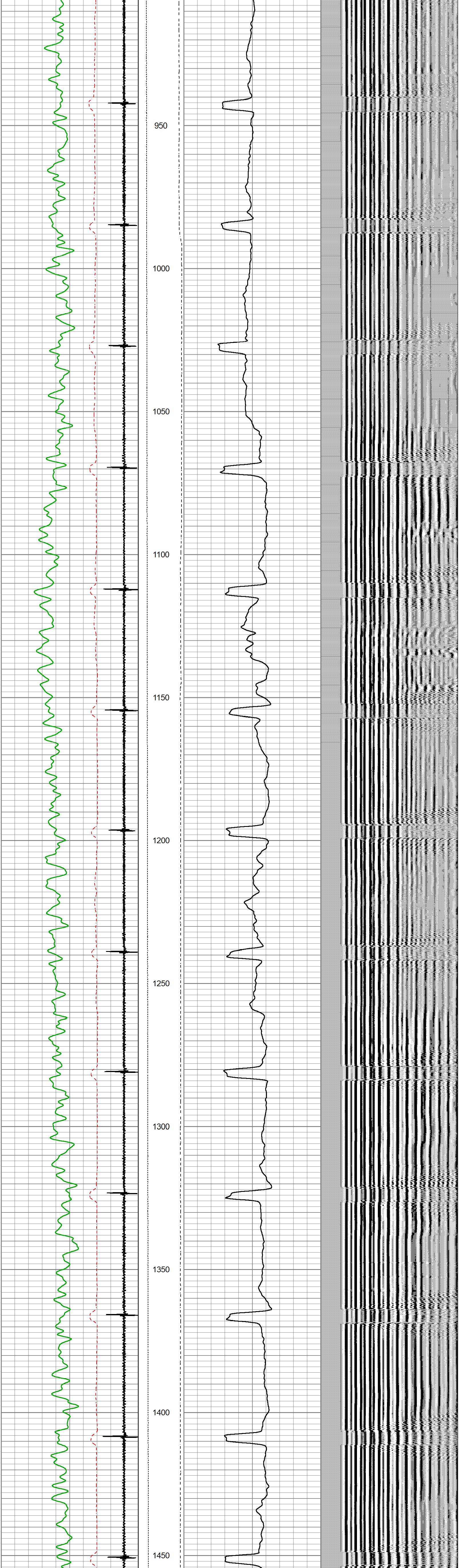
Main Pass

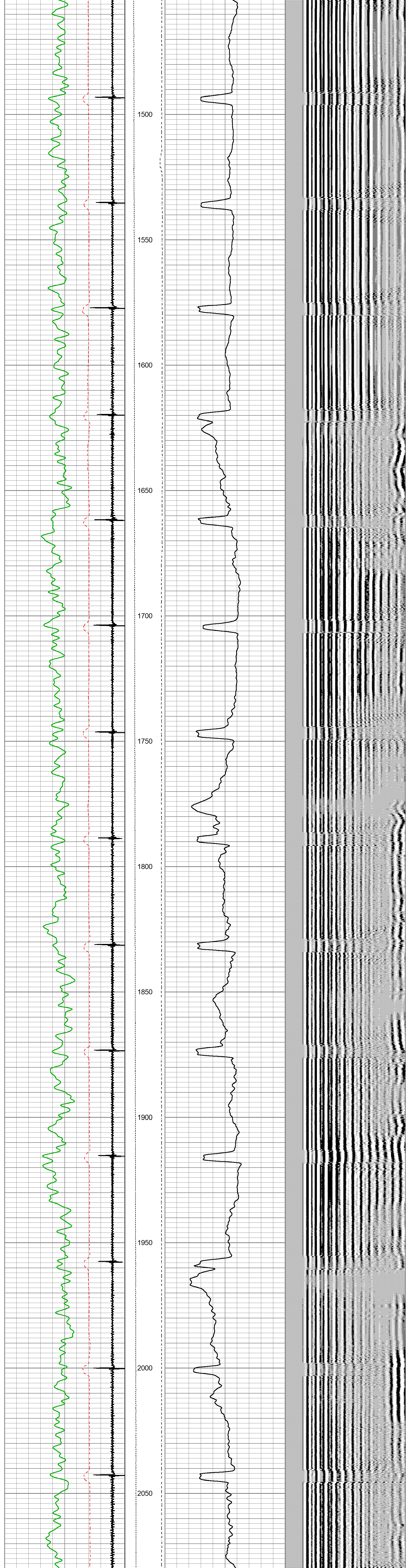
Log ran under 0 PSI surface-induced pressure
5"=100'

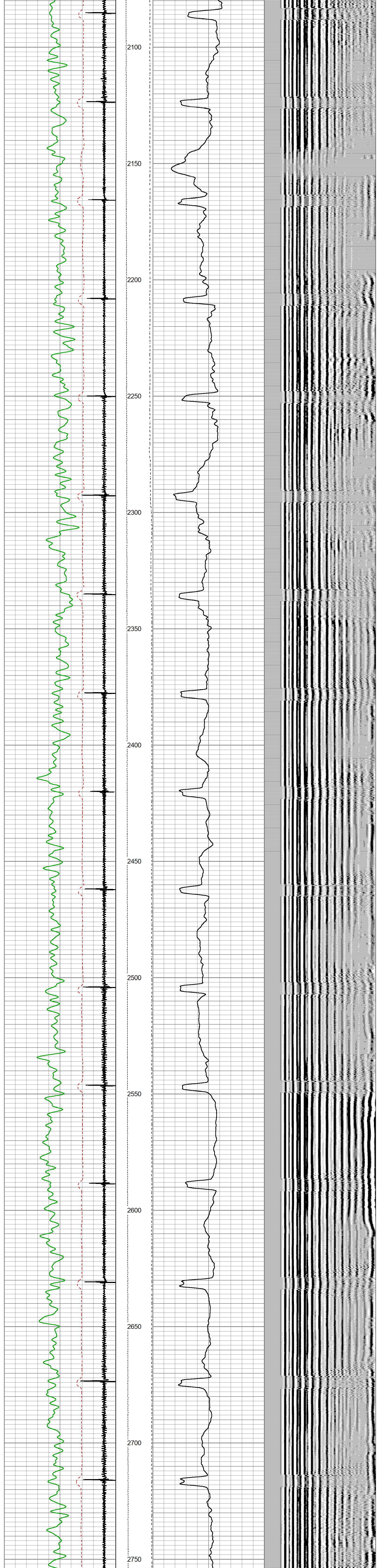
Database File	0512317495_ralph nix produce 28-1l_oxy.db
Dataset Pathname	cbl/main
Presentation Format	cbl3x5
Dataset Creation	Thu Jun 06 09:11:36 2024
Charted by	Depth in Feet scaled 1:240

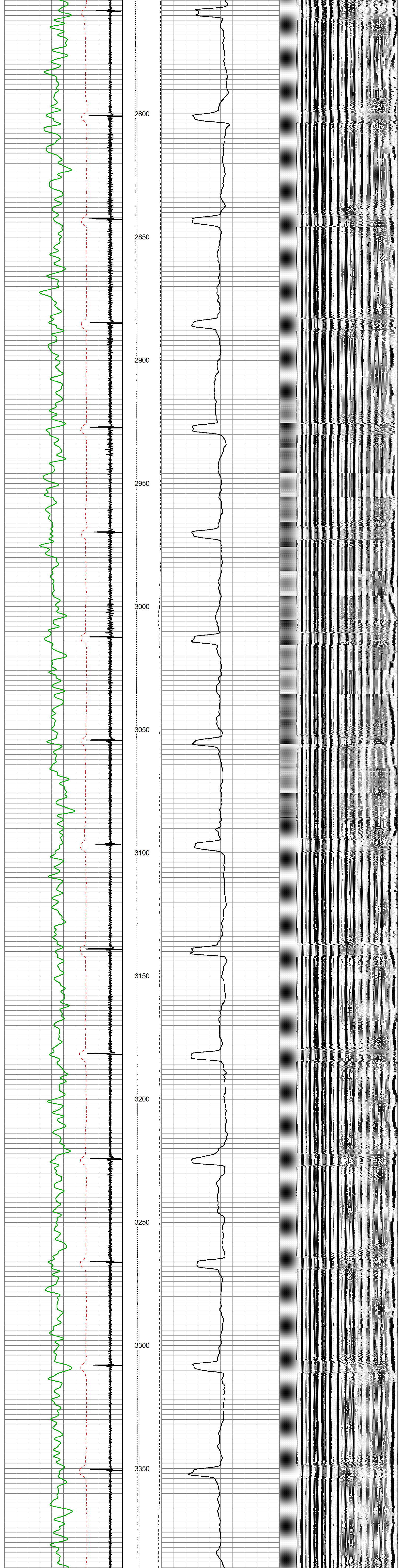


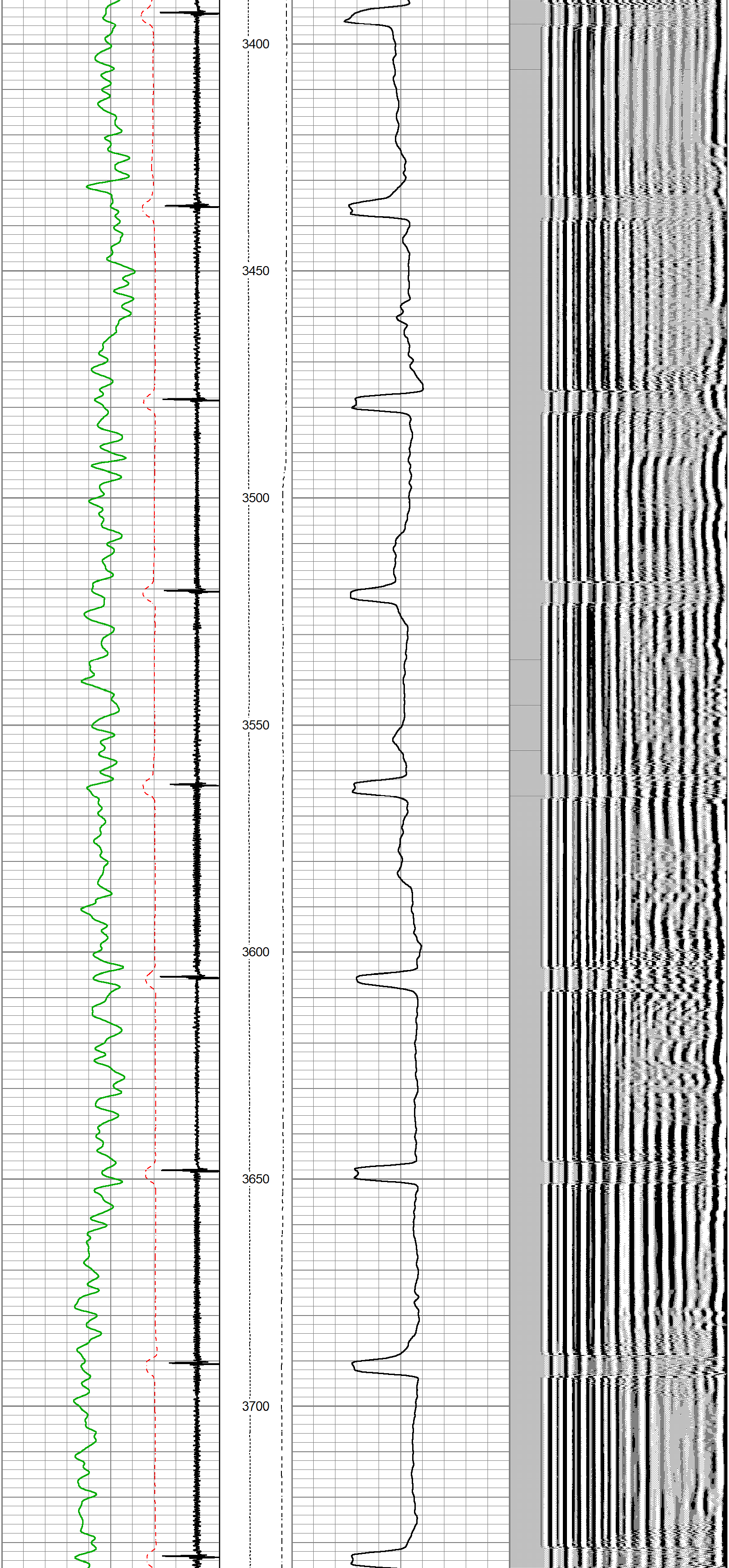


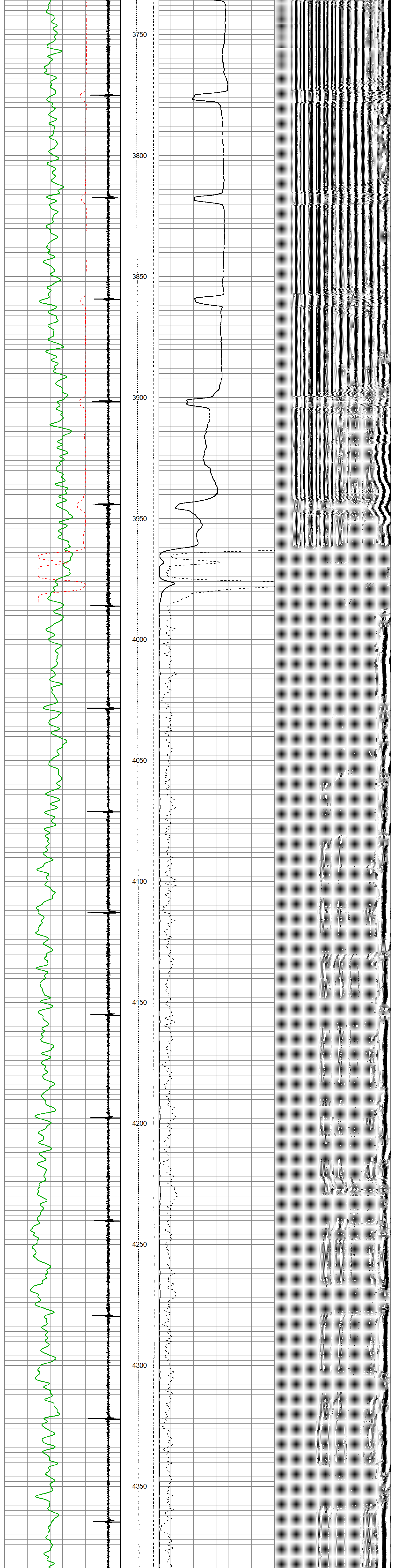


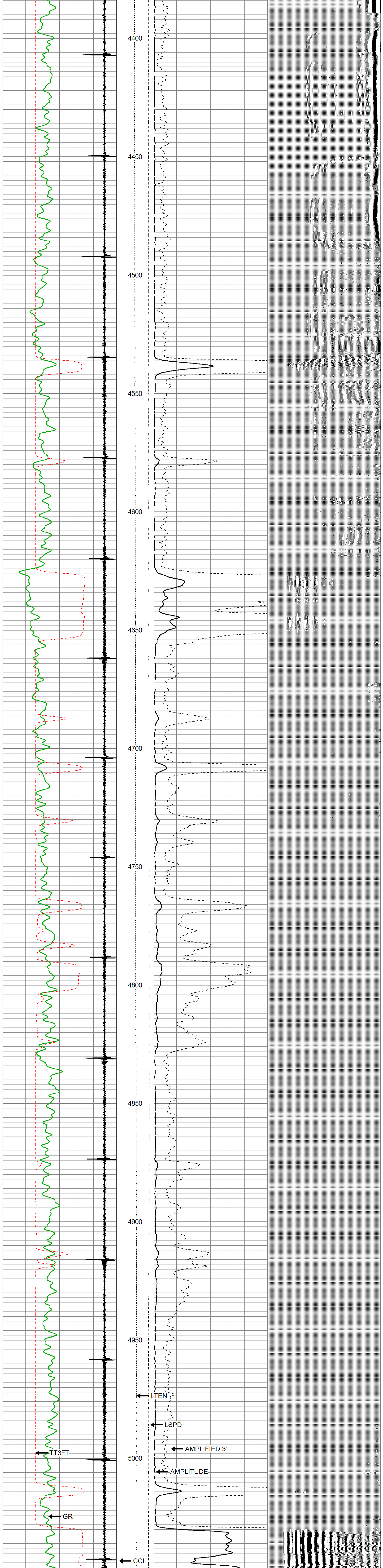


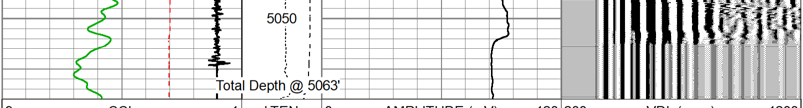












9 CCL -1 | LTEN | 0 AMPLITUDE (mV) 120 | 200 VDL (usec) 1200
0 GR (GAPI) 200 | 0 (lb 2000 | 0 AMPLIFIED 3' (mV) 10
290 TT3FT (usec) 190 | LSPD (ft/min) 0 100

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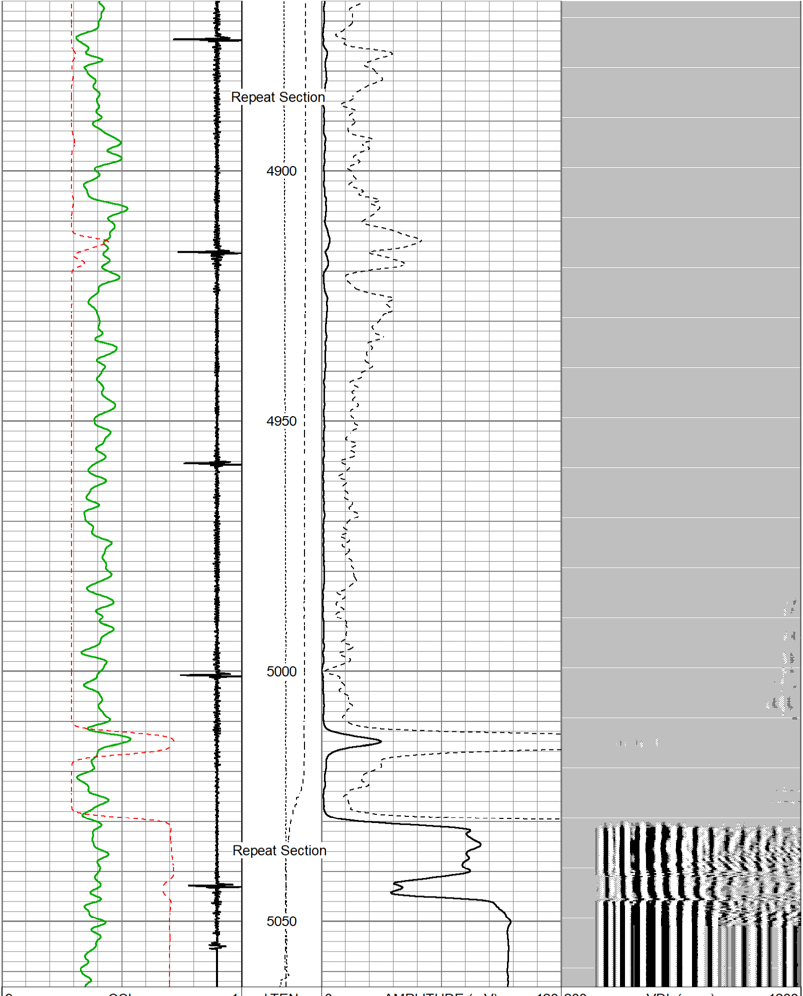
Repeat Section

Log ran under 0 PSI surface-induced pressure
5"=100'

Database File	0512317495_ralph nix produce 28-1l_oxy.db
Dataset Pathname	cbl/pass1.2
Presentation Format	cbl3x5
Dataset Creation	Thu Jun 06 08:48:34 2024
Charted by	Depth in Feet scaled 1:240

9 CCL -1 | LTEN | 0 AMPLITUDE (mV) 120 | 200 VDL (usec) 1200
0 GR (GAPI) 200 | 0 (lb 2000 | 0 AMPLIFIED 3' (mV) 10
290 TT3FT (usec) 190 | LSPD (ft/min) 0 100



9 CCL -1 | LTEN | 0 AMPLITUDE (mV) 120 | 200 VDL (usec) 1200
0 GR (GAPI) 200 | 0 (lb 2000 | 0 AMPLIFIED 3' (mV) 10
290 TT3FT (usec) 190 | LSPD (ft/min) 0 100

Calibration Report

Database File	0512317495_ralph nix produce 28-1l_oxy.db
Dataset Pathname	cbl/pass1
Dataset Creation	Thu Jun 06 08:02:18 2024

Gamma Ray Calibration Report

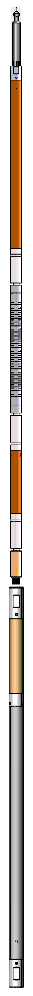
Serial Number:	T011	
Tool Model:	TaylorGRCCL	
Performed:	Tue Apr 16 12:33:10 2024	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.8500	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	070701	
Tool Model:	Probe168	
Calibration Casing Diameter:	3.500	in
Calibration Depth:	5049.145	ft

Master Calibration, performed Thu Jun 6 07:47:45 2024:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.036	0.657	0.400	94.517	135.615	-4.055
CAL						
5'	-0.016	0.480	0.400	94.517	190.001	3.366
SUM						
S1						
S2						
S3						
S4						
S5						
S6						
S7						
S8						

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
			Cable-Head-Titan 1 7/16" Cable Head	1.00	1.44	1.00
WVF3FT	10.86		CBL-Probe168 (070701) Probe 1 11/16 Analog CBL	8.60	1.68	75.00
WVF5FT	9.86					
CCL	5.79					
			GR-TaylorGRCCL (T011) Taylor Gamma Ray CCL	6.66	1.69	30.00
GR	2.13					

Dataset:	0512317495_ralph nix produce 28-1l_oxy.db: field/well/cbl/pass1
Total length:	16.26 ft
Total weight:	106.00 lb
O.D.:	1.69 in

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Company	Occidental Petroleum Corp
Well	Ralph Nix Produce 28-1L
Field	Wattenberg
County	Weld
State	CO
Country	USA