Company PDC Energy
Well Ottenhoff 29U - 343
Field Wattenberg
County Weld
State CO

# GAMMA RAY C.C.L.
# CEMENT BOND V.D.L.

Company PDC Energy
Well Ottenhoff 29U - 343
Field Wattenberg
County Weld State CO

Location: API #: 05-123-43644

560' FNL & 930' FEL
NE / NE

SEC 29 TWP 5N RGE 64W

Other Services

| | | | |
|---|---|---|---|
| Permanent Datum | GL | Elevation 4662' | Elevation<br>K.B.<br>D.F.<br>G.L. 4662' |
| Log Measured From | GL | | |
| Drilling Measured From | KB | | |

| | |
|---|---|
| Date | September 27, 2018 |
| Run Number | 1 |
| Depth Driller | 14,124' |
| Depth Logger | 6800' |
| Bottom Logged Interval | 6800'-0' |
| Top Log Interval | |
| Casing Size | |
| Type Fluid | WATER |
| Max. Recorded Temp. | 231° |
| Estimated Cement Top | |
| Time Well Ready | |
| Time Logger On Bottom | |
| Unit Number | 923856 |
| Tool Size / ID Number | 2-3/4" Probe Radii |
| Location | WCRs52+53,N9/10,Winto |
| Recorded By | Meisner |
| Witnessed By | Gardella |

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

| Casing Record | Size | Wgt/Ft | Top | Bottom |
|---|---|---|---|---|
| Surface String | | | | |
| Prot. String | | | | |
| Production String | 5.5" | | | |
| 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.

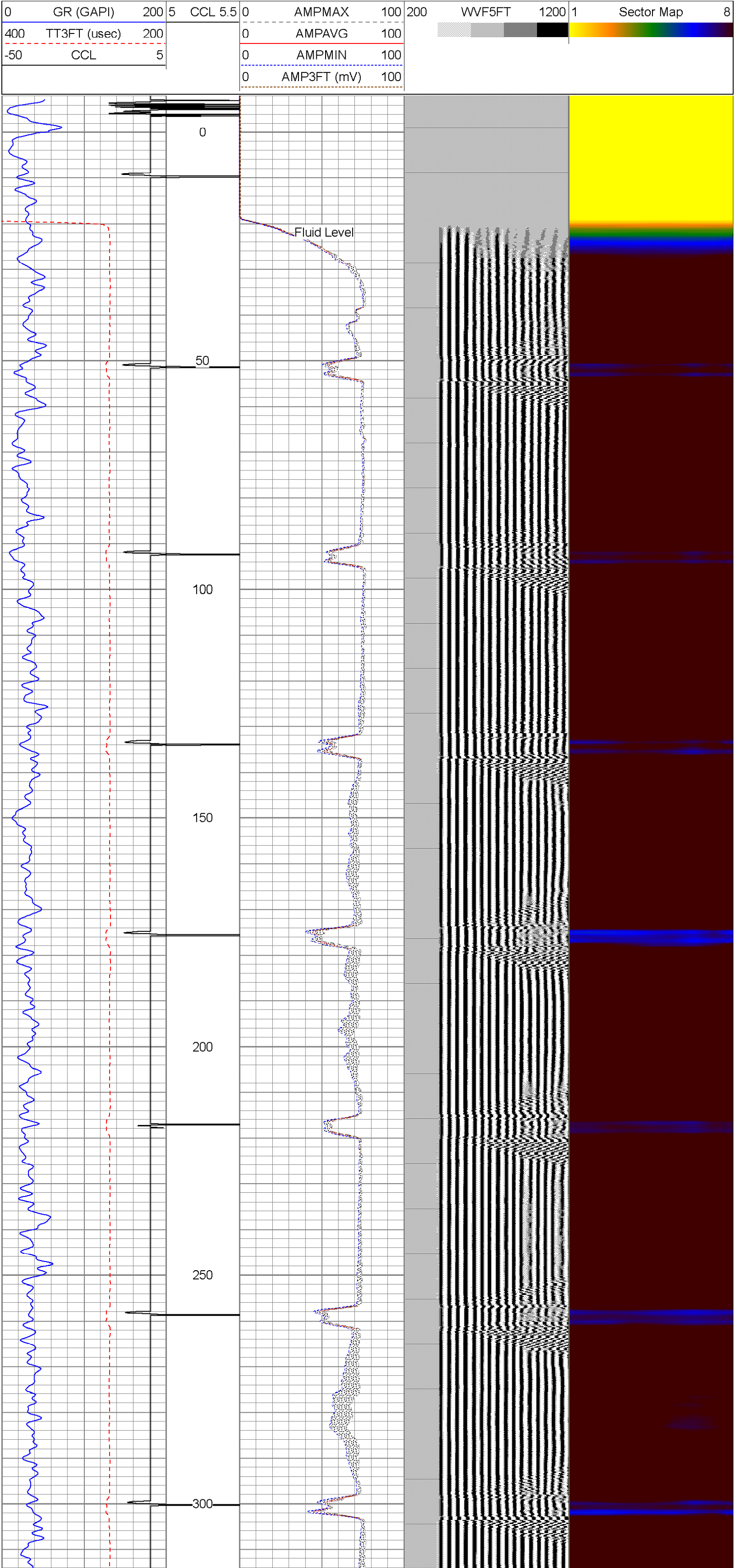
Comments

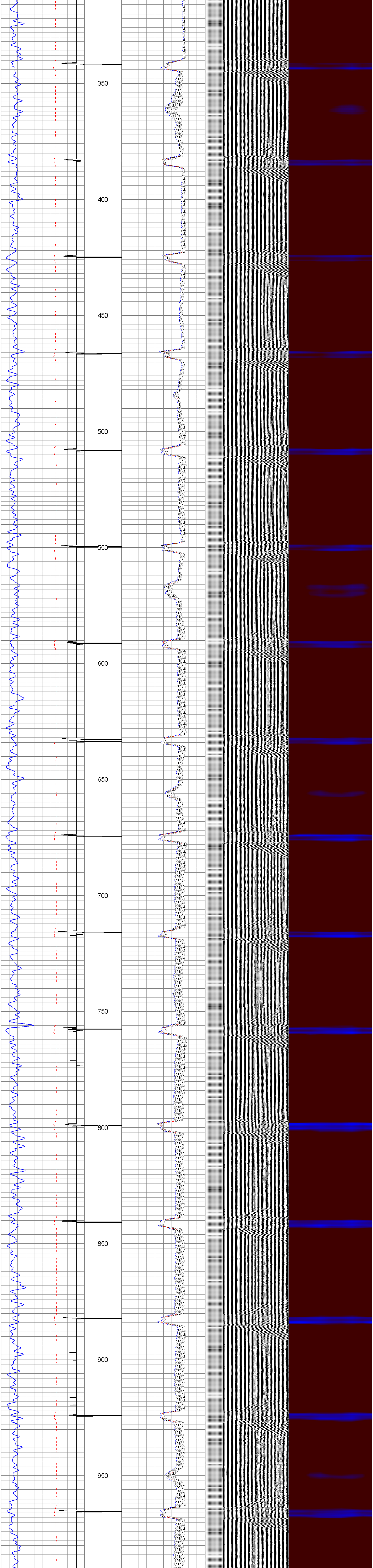
Ottenhoff 10 Well Pad

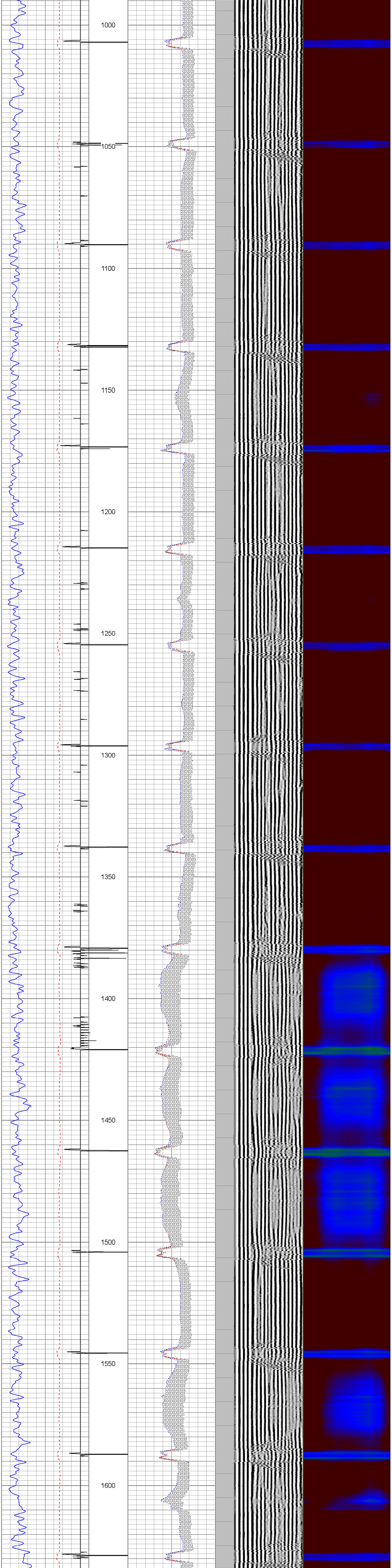
<WEST> O O O O O O O O O X <EAST>

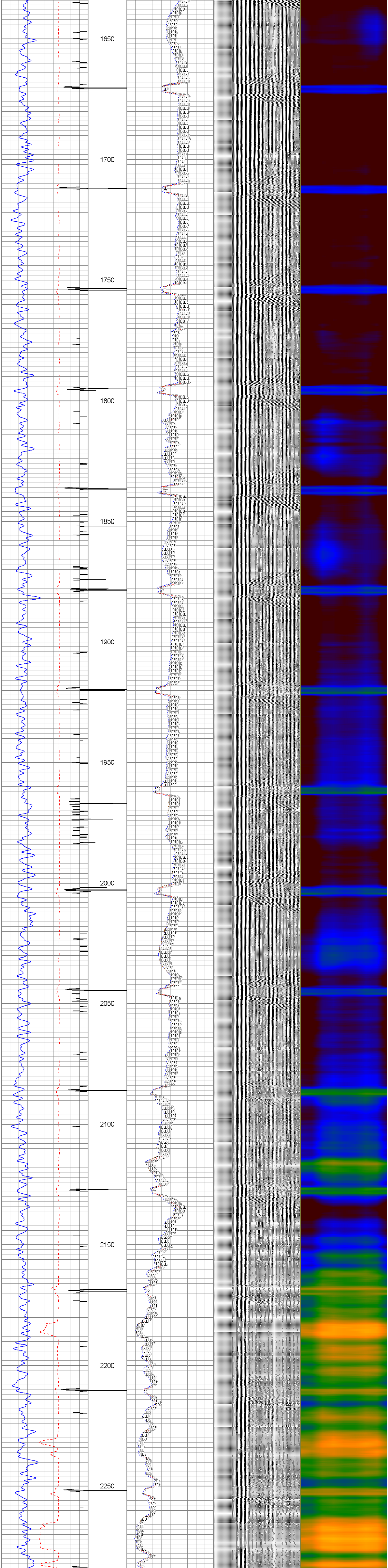
X = Ottenhoff 29U - 343

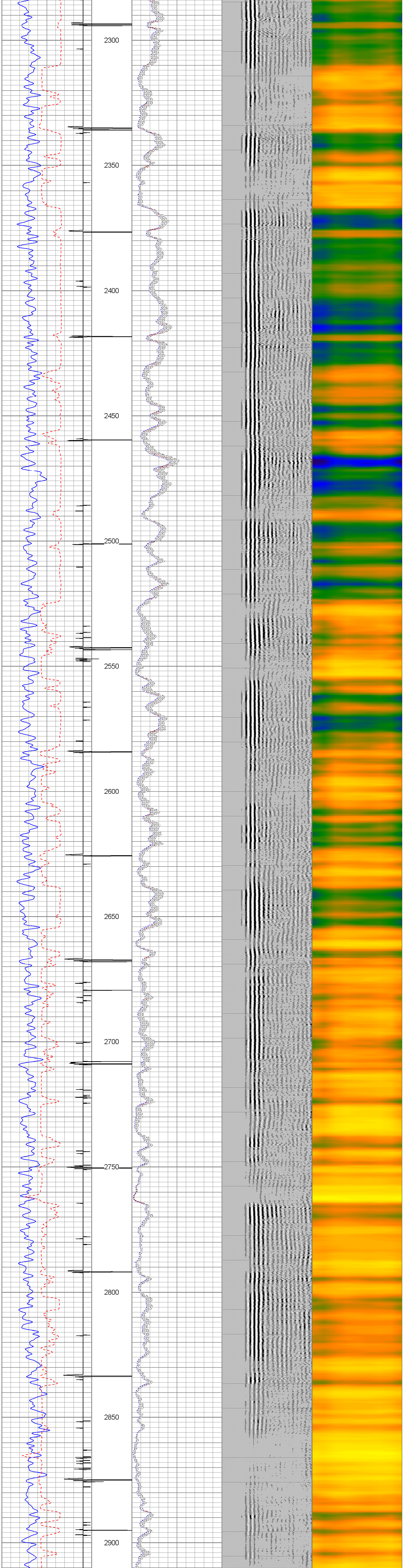
| | |
|---|---|
| Database File: | pdco29u343.db |
| Dataset Pathname: | pass2 |
| Presentation Format: | sector2 |
| Dataset Creation: | Thu Sep 27 07:50:51 2018 by Log 7.0 B1 |
| Charted by: | Depth in Feet scaled 1:240 |

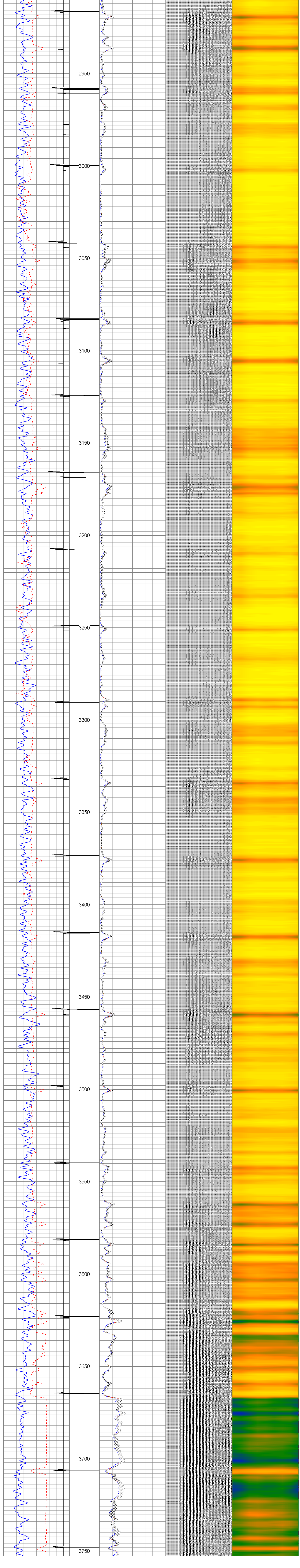


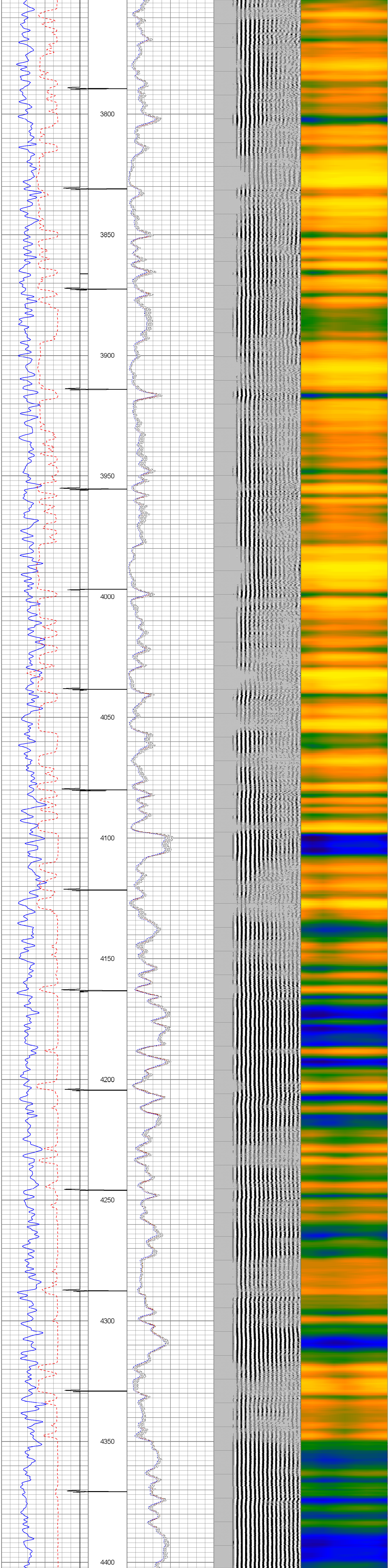








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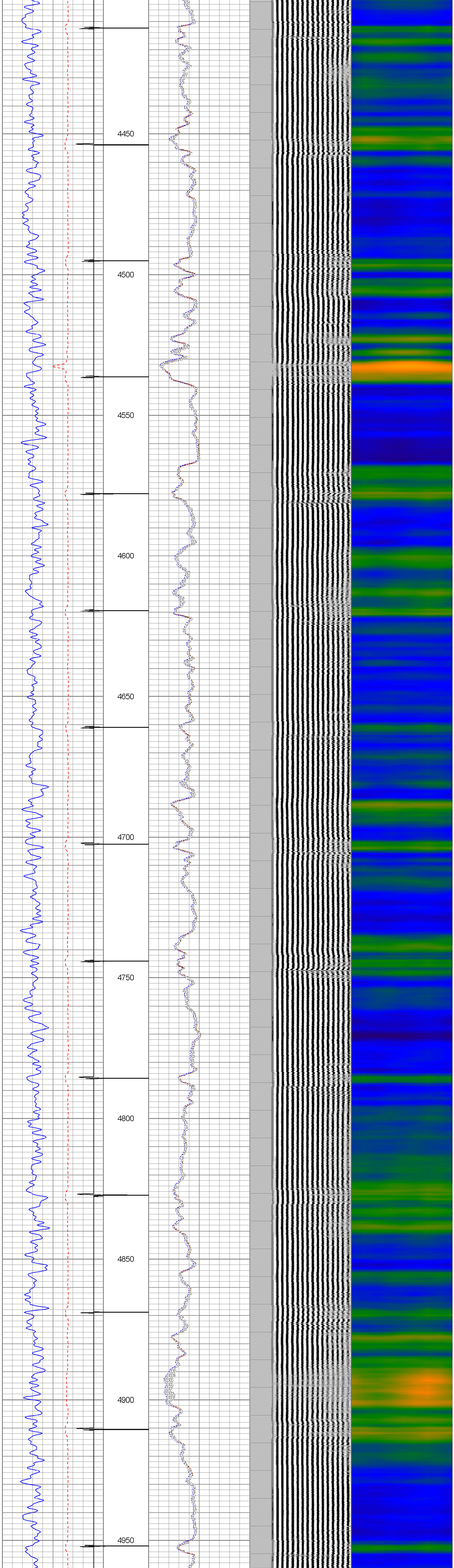
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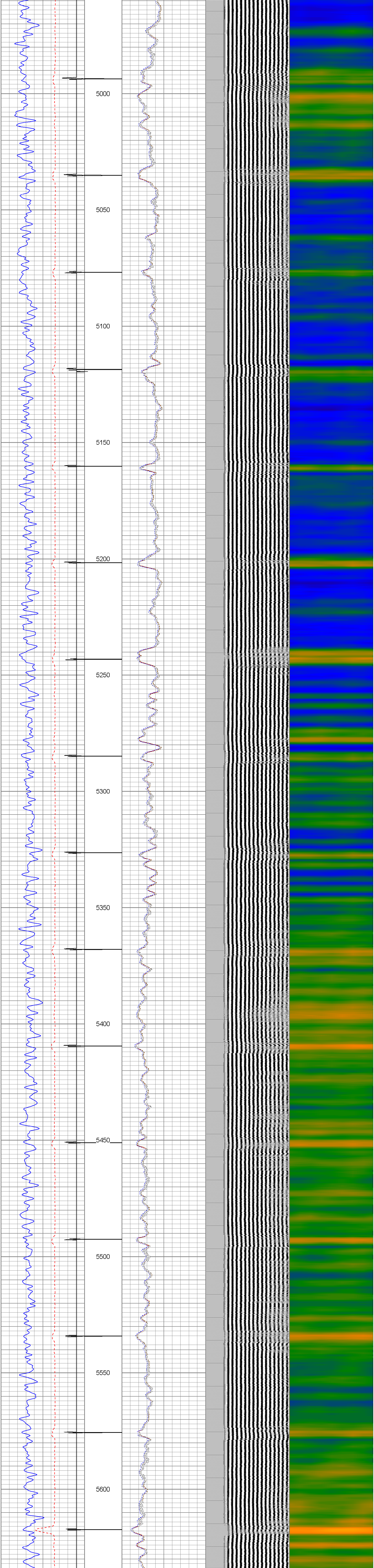
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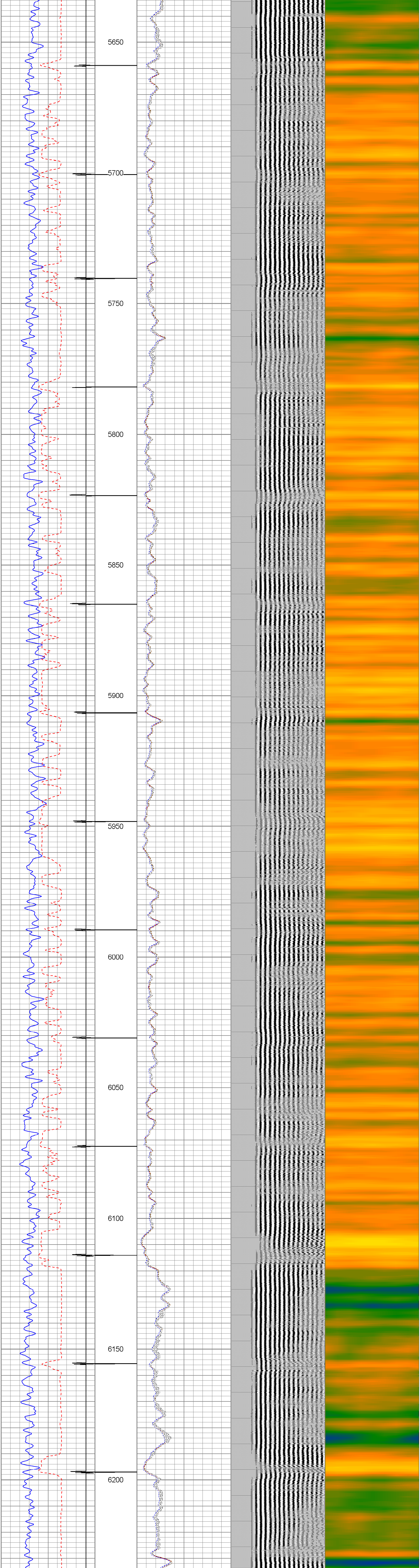
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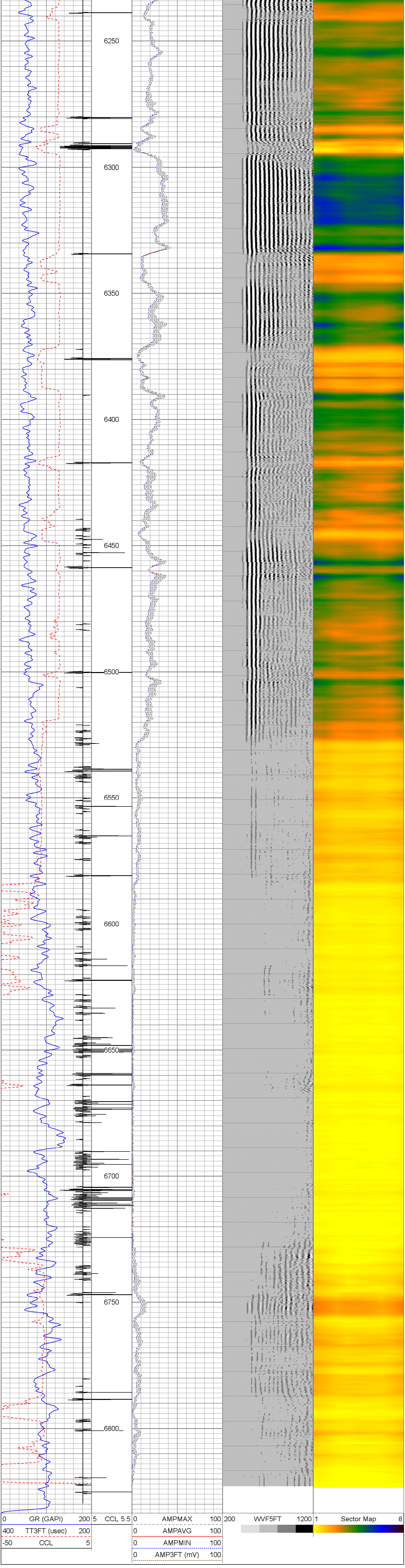
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-50 CCL 5
5 CCL 5.5
0 AMPMAX 100
0 AMPAVG 100
0 AMPMIN 100
0 AMP3FT (mV) 100
200 WVF5FT 1200
1 Sector Map 8