



**1 : 1000**

## Sperry Drilling Services

[illegible]

|  |                  |                    |                    |                    |                    |
|--|------------------|--------------------|--------------------|--------------------|--------------------|
| <b>MWD Run Number</b>                  | 200              | 300                | 400                | 500                | 600                |
| <b>Date run completed</b>              | 03-Aug-06        | 06-Aug-06          | 13-Aug-06          | 15-Aug-06          | 16-Aug-06          |
| <b>Rig Bit Number</b>                  | 3                | 4                  | 7                  | 8                  | 8RR                |
| <b>Bit Size (in)</b>                   | 12.25            | 12.25              | 8.5                | 8.5                | 8.5                |
| <b>Tool Nominal OD (in)</b>            | 8.00             | 8.00               | 6.75               | 6.75               | 6.75               |
| <b>Log Start Depth (MD, m)</b>         | 320.00           | 636.00             | 1,620.00           | 1,660.00           | 1,680.00           |
| <b>Log End Depth (MD, m)</b>           | 636.00           | 1,606.00           | 1,660.00           | 1,680.00           | 1,881.00           |
| <b>Drill or Wipe</b>                   | Drilling         | Drilling           | Drilling           | Drilling           | Drilling           |
| <b>Drill/Wipe Start Date and Time</b>  | 02-Aug-06 22:42  | 04-Aug-06 12:19    | 12-Aug-06 02:08    | 13-Aug-06 13:12    | 15-Aug-06 09:35    |
| <b>Drill/Wipe End Date and Time</b>    | 03-Aug-06 14:45  | 06-Aug-06 02:19    | 12-Aug-06 14:24    | 14-Aug-06 20:52    | 16-Aug-06 06:41    |
| <b>Min Inc (deg) @ Depth (MD, m)</b>   | 22.40 @ 325.11   | 70.35 @ 712.75     | 69.84 @ 1,647.79   | N/A @ N/A          | 47.98 @ 1,851.05   |
| <b>Max Inc (deg) @ Depth (MD, m)</b>   | 70.37 @ 622.25   | 73.81 @ 799.62     | 71.72 @ 1,620.16   | N/A @ N/A          | 67.72 @ 1,677.35   |
| <b>Bit TFA(in2) / Bit Type</b>         | 1.03 / Reed T11C | 1.37 / ReedRSX516S | 90 / ReedRSX616MB1 | 90 / ReedRSX616MB1 | 49 / ReedRSX616MB1 |
| <b>Flow Rate (gpm)</b>                 | 701              | 770                | 580                | 554                | 600                |
| <b>Max AV (mpm) / CV (mpm) @ MWD</b>   | 76.1 / 127.0     | 96.1 / 64.0        | 162.4 / 167.0      | 164.8 / 167.0      | 168.0 / 162.0      |
| <b>Fluid Type</b>                      | Polymer          | Polymer            | Polymer            | Polymer            | Polymer            |
| <b>Density (sg) / Viscosity (spqt)</b> | 1.09 / 45        | 1.13 / 58          | 1.15 / 53          | 1.17 / 55          | 1.25 / 51          |
| <b>Filtrate CL (ppm)</b>               | 25,307           | 34,742             | 30,062             | 30,062             | 36,602             |
| <b>pH / Fluid Loss (mptm)</b>          | 10.00 / 5.6      | 9.00 / 5.8         | 9.50 / 5           | 9.50 / 5.9         | 9.00 / 9.0         |
| <b>PV (cP) / YP (lbf2)</b>             | 12 / 14          | 22 / 40            | 12 / 21            | 16 / 24            | 21 / 29            |
| <b>% Solids / % Sand</b>               | 3.4 / 0.75       | 4.6 / 1            | 6.5 / 0.1          | 6.6 / 0.3          | 8.6 / 0.2          |
| <b>% Oil / Oil:Water Ratio</b>         | 0 / 0:100        | 0 / 0:100          | 0 / 0:100          | 0 / 0:100          | 0 / 0:100          |
| <b>Rm @ Measured Temp (degC)</b>       | N/A @ N/A        | N/A @ N/A          | 0.15 @ 22.00       | 0.14 @ 21.00       | 0.10 @ 22.00       |
| <b>Rmf @ Measured Temp (degC)</b>      | N/A @ N/A        | 0 @ N/A            | 0.12 @ 24.00       | 0.12 @ 20.00       | 0.09 @ 20.00       |
| <b>Rmc @ Measured Temp (degC)</b>      | N/A @ N/A        | N/A @ N/A          | 0.3 @ 24.00        | 0.25 @ 26.00       | 0.18 @ 22.00       |
| <b>Max Tool Temp (degC) / Source</b>   | 51.00 / HCIM     | 67.00 / HCIM       | 47.00 / EWR-P4     | 52.00 / EWR-P4     | 67.00 / EWR-P4     |
| <b>Rm @ Max Tool Temp (degC)</b>       | N/A @ 51.00      | N/A @ 67.00        | 0.10 @ 47.00       | 0.09 @ 52.00       | 0.03 @ 67.00       |
| <b>Lead MWD Engineer</b>               | A. Rule          | A. Rule            | M. Lee             | M. Lee             | M. Lee             |
| <b>Customer Representative</b>         | T. Reid          | T. Reid            | T. Reid            | T. Reid            | T. Reid            |

## SENSOR INFORMATION

| Downhole Processor Information |                 |                 |                 |                 |                    |
|--------------------------------|-----------------|-----------------|-----------------|-----------------|--------------------|
| Tool Type                      | HCIM            | HCIM            | HCIM            | HCIM            | HCIM               |
| Software Version               | 72.13           | 72.13           | 72.13           | 72.13           | 72.13              |
| Sub Serial Number              | 078516          | 078516          | 145273          | 145273          | 145273             |
| Insert Serial Number           | 076895          | 076895          | 81832           | 81832           | 81832              |
| Date and Time Initialized      | 02-Aug-06 15:32 | 04-Aug-06 00:49 | 11-Aug-06 14:53 | 13-Aug-06 21:32 | 15-Aug-06 04:48:08 |
| Date and Time Read             | 03-Aug-06 19:49 | 06-Aug-06 16:25 | 13-Aug-06 00:04 | 15-Aug-06 02:05 | 16-Aug-06 14:41:15 |

| Directional Sensor Information |          |        |           |           |           |
|--------------------------------|----------|--------|-----------|-----------|-----------|
| Tool Type                      | DM       | DM     | DM        | DM        | DM        |
| Distance From Bit (m)          | 12.99    | 8.90   | 8.95      | 8.96      | 8.96      |
| Software Version               | 3.15     | 3.15   | 3.15      | 3.15      | 3.15      |
| Sub Serial Number              | 10603354 | CP5763 | CP1004338 | CP1004338 | CP1004338 |
| Sonde Serial Number            | 85268    | 85267  | 85268     | 85268     | 85268     |
| Sensor ID Number               | N/A      | N/A    | N/A       | N/A       | N/A       |
| Toolface Offset (deg)          | 168      | Rotary | Rotary    | Rotary    | Rotary    |

| Gamma Ray Sensor Information |          |          |        |        |        |
|------------------------------|----------|----------|--------|--------|--------|
| Tool Type                    | DGR      | DGR      | DGR    | DGR    | DGR    |
| Distance From Bit (m)        | 16.34    | 11.99    | 11.42  | 11.43  | 11.43  |
| Recorded Sample Period (sec) | 12       | 12       | 12     | 12     | 12     |
| Software Version             | N/A      | N/A      | N/A    | N/A    | N/A    |
| Sub Serial Number            | 177739   | 177739   | 176027 | 176027 | 176027 |
| Insert/Sonde Serial Number   | 10602972 | 10602972 | 16131  | 16131  | 16131  |

| Resistivity Sensor Information   |  |  |        |        |        |
|----------------------------------|--|--|--------|--------|--------|
| Tool Type                        |  |  | EWR-P4 | EWR-P4 | EWR-P4 |
| Distance From Bit (m)            |  |  | 13.78  | 13.79  | 13.79  |
| Recorded Sample Period (sec)     |  |  | 12     | 12     | 12     |
| Software Version                 |  |  | 1.38   | 1.38   | 1.38   |
| Sub Serial Number                |  |  | 226818 | 226818 | 226818 |
| Receiver Insert Serial Number    |  |  | 225217 | 225217 | 225217 |
| Transmitter Insert Serial Number |  |  | 225154 | 225154 | 225154 |
| Receiver Orientation             |  |  | Down   | Down   | Down   |

| Neutron Sensor Information   |  |  |          |          |          |
|------------------------------|--|--|----------|----------|----------|
| Tool Type                    |  |  | CTN      | CTN      | CTN      |
| Distance From Bit (m)        |  |  | 26.16    | 26.75    | 26.75    |
| Recorded Sample Period (sec) |  |  | 12       | 12       | 12       |
| Sub Serial Number            |  |  | 10603697 | 10603696 | 10603696 |
| Insert Serial Number         |  |  | 192981   | 10508914 | 10508914 |
| Source Serial Number         |  |  | 0044NN   | 0044NN   | 0044NN   |
| Source Factor                |  |  | N/A      | N/A      | N/A      |
| Pin Orientation              |  |  | Up       | Up       | Up       |

| Density Sensor Information   |  |  |          |        |        |
|------------------------------|--|--|----------|--------|--------|
| Tool Type                    |  |  | ALD      | ALD    | ALD    |
| Distance From Bit (m)        |  |  | 22.10    | 22.69  | 22.69  |
| Recorded Sample Period (sec) |  |  | 16       | 16     | 16     |
| Software Version             |  |  | 2.13     | 2.13   | 2.13   |
| Sub Serial Number            |  |  | 96941    | 174401 | 174401 |
| Insert Serial Number         |  |  | 10640614 | 215917 | 215917 |
| Sensor ID Number             |  |  | 12024    | 32001  | 32001  |
| Source Serial Number         |  |  | 2615GW   | 2852GW | 2852GW |
| Pin Orientation              |  |  | Up       | Up     | Up     |
| Stabilizer Blade O.D. (in)   |  |  | 8.250    | 8.250  | 8.250  |
| DPA Offset                   |  |  | 100.00   | 250.00 | 250.00 |

| Caliper Sensor Information |  |  |       |  |  |
|----------------------------|--|--|-------|--|--|
| Tool Type                  |  |  | ACAL  |  |  |
| Distance From Bit (m)      |  |  | 25.10 |  |  |
| Software Version           |  |  | 4.00  |  |  |

|                      |  |  |          |  |  |
|----------------------|--|--|----------|--|--|
| Software Version     |  |  | 4.20     |  |  |
| Sub Serial Number    |  |  | 10603697 |  |  |
| Insert Serial Number |  |  | 192981   |  |  |

| WELL INFORMATION                |                    |  |  |  |  |
|---------------------------------|--------------------|--|--|--|--|
| MWD Run Number                  | 700                |  |  |  |  |
| Date run completed              | 21-Aug-06          |  |  |  |  |
| Rig Bit Number                  | 9                  |  |  |  |  |
| Bit Size (in)                   | 8.50               |  |  |  |  |
| Tool Nominal OD (in)            | 6.75               |  |  |  |  |
| Log Start Depth (MD, m)         | 1,881.00           |  |  |  |  |
| Log End Depth (MD, m)           | 2,315.00           |  |  |  |  |
| Drill or Wipe                   | Drilling           |  |  |  |  |
| Drill/Wipe Start Date and Time  | 17-Aug-06 11:25    |  |  |  |  |
| Drill/Wipe End Date and Time    | 20-Aug-06 15:32    |  |  |  |  |
| Min Inc (deg) @ Depth (MD, m)   | 0.92 @ 2,284.10    |  |  |  |  |
| Max Inc (deg) @ Depth (MD, m)   | 44.71 @ 1,880.03   |  |  |  |  |
| Bit TFA(in2) / Bit Type         | 0.921 / Reed TC11P |  |  |  |  |
| Flow Rate (gpm)                 | 570                |  |  |  |  |
| Max AV (mpm) / CV (mpm) @ MWD   | 157.0 / 205.0      |  |  |  |  |
| Fluid Type                      | Polymer            |  |  |  |  |
| Density (sg) / Viscosity (spqt) | 1.26 / 60          |  |  |  |  |
| Filtrate CL (ppm)               | 34,742             |  |  |  |  |
| pH / Fluid Loss (mptm)          | 9.00 / 9.0         |  |  |  |  |
| PV (cP) / YP (Ihf2)             | 25 / 36            |  |  |  |  |
| % Solids / % Sand               | 10.3 / 0.3         |  |  |  |  |
| % Oil / Oil:Water Ratio         | 0 / 0:100          |  |  |  |  |
| Rm @ Measured Temp (degC)       | 0.09 @ 28.00       |  |  |  |  |
| Rmf @ Measured Temp (degC)      | 0.06 @ 20.00       |  |  |  |  |
| Rmc @ Measured Temp (degC)      | 0.27 @ 26.00       |  |  |  |  |
| Max Tool Temp (degC) / Source   | 63.00 / EWR-P4     |  |  |  |  |
| Rm @ Max Tool Temp (degC)       | 0.04 @ 63.00       |  |  |  |  |
| Lead MWD Engineer               | M. Lee             |  |  |  |  |
| Customer Representative         | T. Reid            |  |  |  |  |

## SENSOR INFORMATION

| Downhole Processor Information |                    |  |  |  |  |
|--------------------------------|--------------------|--|--|--|--|
| Tool Type                      | HCIM               |  |  |  |  |
| Software Version               | 72.13              |  |  |  |  |
| Sub Serial Number              | 145273             |  |  |  |  |
| Insert Serial Number           | 81832              |  |  |  |  |
| Date and Time Initialized      | 16-Aug-06 17:02:11 |  |  |  |  |
| Date and Time Read             | 21-Aug-06 01:32    |  |  |  |  |

| Directional Sensor Information |           |  |  |  |  |
|--------------------------------|-----------|--|--|--|--|
| Tool Type                      | DM        |  |  |  |  |
| Distance From Bit (m)          | 9.18      |  |  |  |  |
| Software Version               | 3.15      |  |  |  |  |
| Sub Serial Number              | CP1004338 |  |  |  |  |
| Sonde Serial Number            | 85268     |  |  |  |  |
| Sensor ID Number               | N/A       |  |  |  |  |
| Toolface Offset (deg)          | Rotary    |  |  |  |  |

| Gamma Ray Sensor Information |        |  |  |  |  |
|------------------------------|--------|--|--|--|--|
| Tool Type                    | DGR    |  |  |  |  |
| Distance From Bit (m)        | 11.65  |  |  |  |  |
| Recorded Sample Period (sec) | 12     |  |  |  |  |
| Software Version             | N/A    |  |  |  |  |
| Sub Serial Number            | 176027 |  |  |  |  |
| Insert/Sonde Serial Number   | 16131  |  |  |  |  |

## Resistivity Sensor Information

**Resistivity Sensor Information**

|                                  |        |  |  |  |  |
|----------------------------------|--------|--|--|--|--|
| Tool Type                        | EWR-P4 |  |  |  |  |
| Distance From Bit (m)            | 14.01  |  |  |  |  |
| Recorded Sample Period (sec)     | 12     |  |  |  |  |
| Software Version                 | 1.38   |  |  |  |  |
| Sub Serial Number                | 226818 |  |  |  |  |
| Receiver Insert Serial Number    | 225217 |  |  |  |  |
| Transmitter Insert Serial Number | 225154 |  |  |  |  |
| Receiver Orientation             | Down   |  |  |  |  |

**Neutron Sensor Information**

|                              |          |  |  |  |  |
|------------------------------|----------|--|--|--|--|
| Tool Type                    | CTN      |  |  |  |  |
| Distance From Bit (m)        | 26.97    |  |  |  |  |
| Recorded Sample Period (sec) | 12       |  |  |  |  |
| Sub Serial Number            | 10603696 |  |  |  |  |
| Insert Serial Number         | 10508914 |  |  |  |  |
| Source Serial Number         | 0044NN   |  |  |  |  |
| Source Factor                | N/A      |  |  |  |  |
| Pin Orientation              | Up       |  |  |  |  |

**Density Sensor Information**

|                              |        |  |  |  |  |
|------------------------------|--------|--|--|--|--|
| Tool Type                    | ALD    |  |  |  |  |
| Distance From Bit (m)        | 22.91  |  |  |  |  |
| Recorded Sample Period (sec) | 16     |  |  |  |  |
| Software Version             | 2.13   |  |  |  |  |
| Sub Serial Number            | 174401 |  |  |  |  |
| Insert Serial Number         | 215917 |  |  |  |  |
| Sensor ID Number             | 32001  |  |  |  |  |
| Source Serial Number         | 2852GW |  |  |  |  |
| Pin Orientation              | Up     |  |  |  |  |
| Stabilizer Blade O.D. (in)   | 8.250  |  |  |  |  |
| DPA Offset                   | 250.00 |  |  |  |  |

**Caliper Sensor Information**

|                       |  |  |  |  |  |
|-----------------------|--|--|--|--|--|
| Tool Type             |  |  |  |  |  |
| Distance From Bit (m) |  |  |  |  |  |
| Software Version      |  |  |  |  |  |
| Sub Serial Number     |  |  |  |  |  |
| Insert Serial Number  |  |  |  |  |  |

**REMARKS**

1.) All depths are bit depths and are referenced to the driller's pipe tally unless otherwise noted.

2.) AV/CV values are calculated at the LWD collar using the Bingham Law for oil based mud, measured in m/min.

3.) Curve Mnemonics used are:

|         |        |   |  |
|---------|--------|---|--|
| Time    | . sec  | - | Time   |
| SGRC    | . api  | - | Smoothed Gamma Ray Combined (Sperry)                                       |
| SR0P    | . m/hr | - | Smoothed Rate of Penetration (Sperry)                                      |
| BLK_POS | . m    | - | Smoothed Block Position (Sperry)   |
| SAAX    | . g    | - | Smoothed X-Axis Average Acceleration (Sperry)                              |
| SAAY    | . g    | - | Smoothed Y-Axis Average Acceleration (Sperry)                              |
| SAAZ    | . g    | - | Smoothed Z-Axis Average Acceleration (Sperry)                              |
| SPAX    | . g    | - | Smoothed X-Axis Peak Acceleration (Sperry)                                 |
| SPAY    | . g    | - | Smoothed Y-Axis Peak Acceleration (Sperry)                                 |
| SPAZ    | . g    | - | Smoothed Z-Axis Peak Acceleration (Sperry)                                 |
| WOB     | . kl b | - | Smoothed Weight on Bit (Geoservices)                                       |
| TORQUE  | . f-kp | - | Smoothed Surface Torque (Geoservices)                                      |
| RPM     | . rpm  | - | Smoothed Surface Drillstring Revolutions per Minute from GeoPilot (Sperry) |

4.) SDL Data presented as supplied by Geoservices.

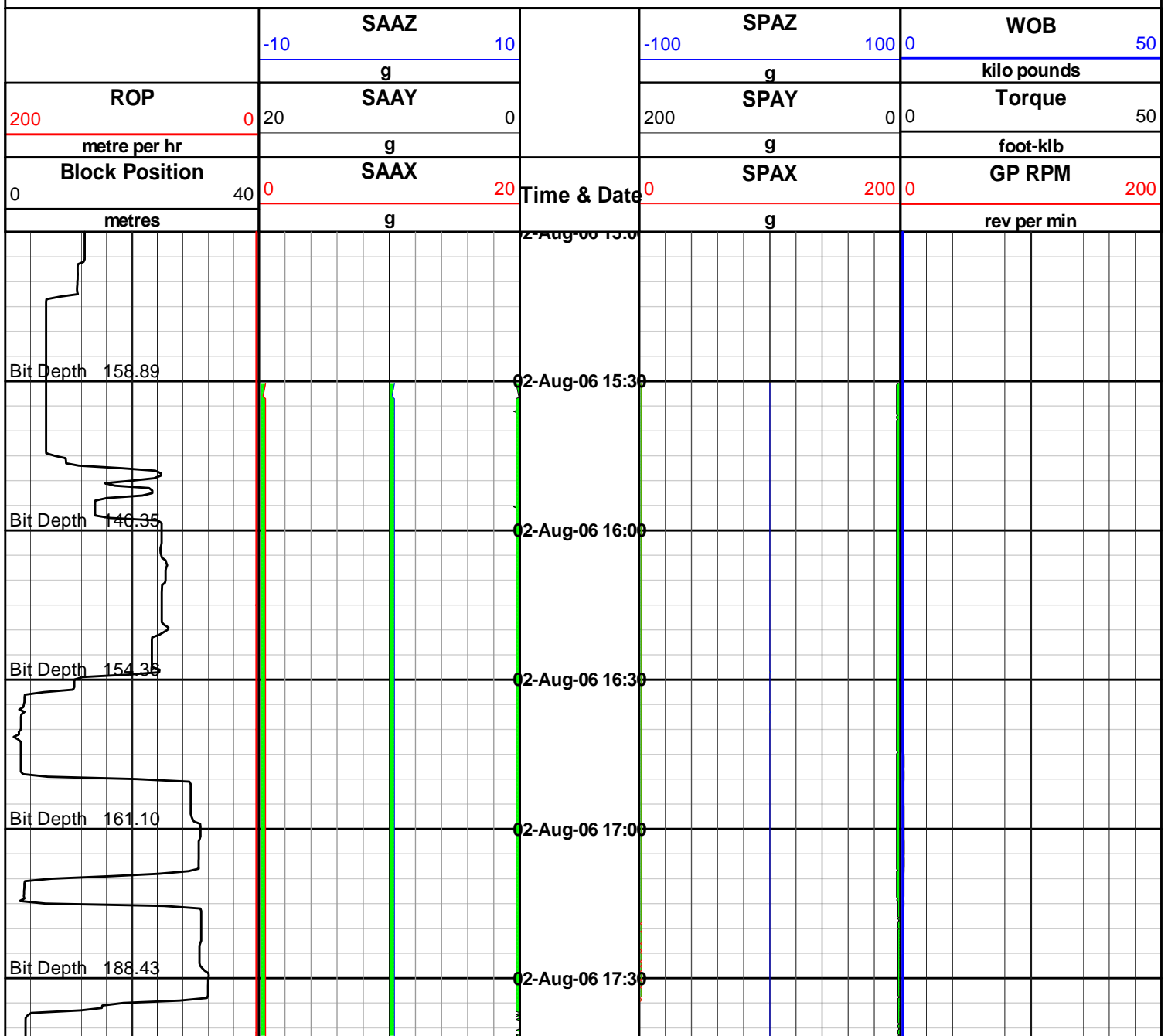
# WARRANTY

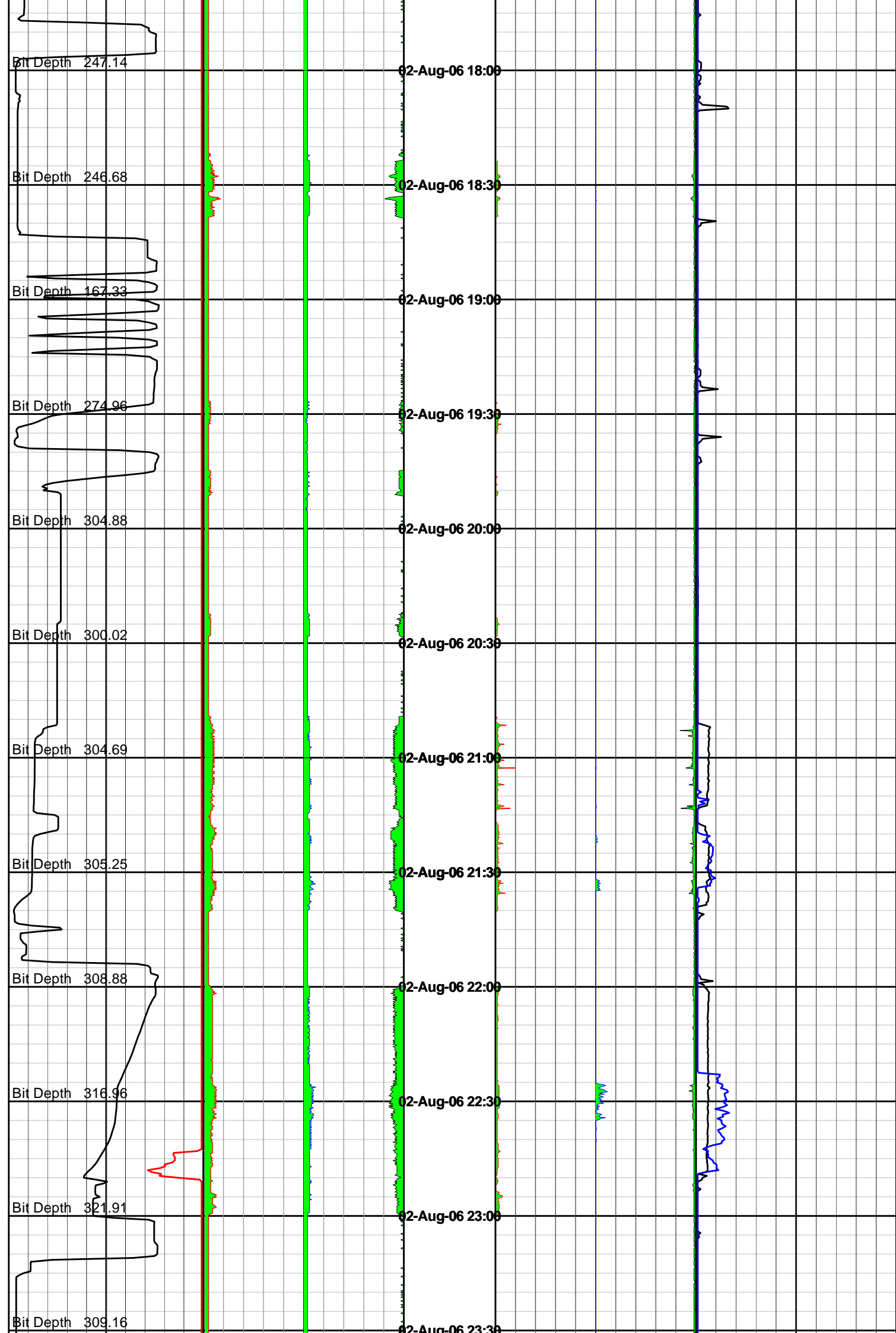
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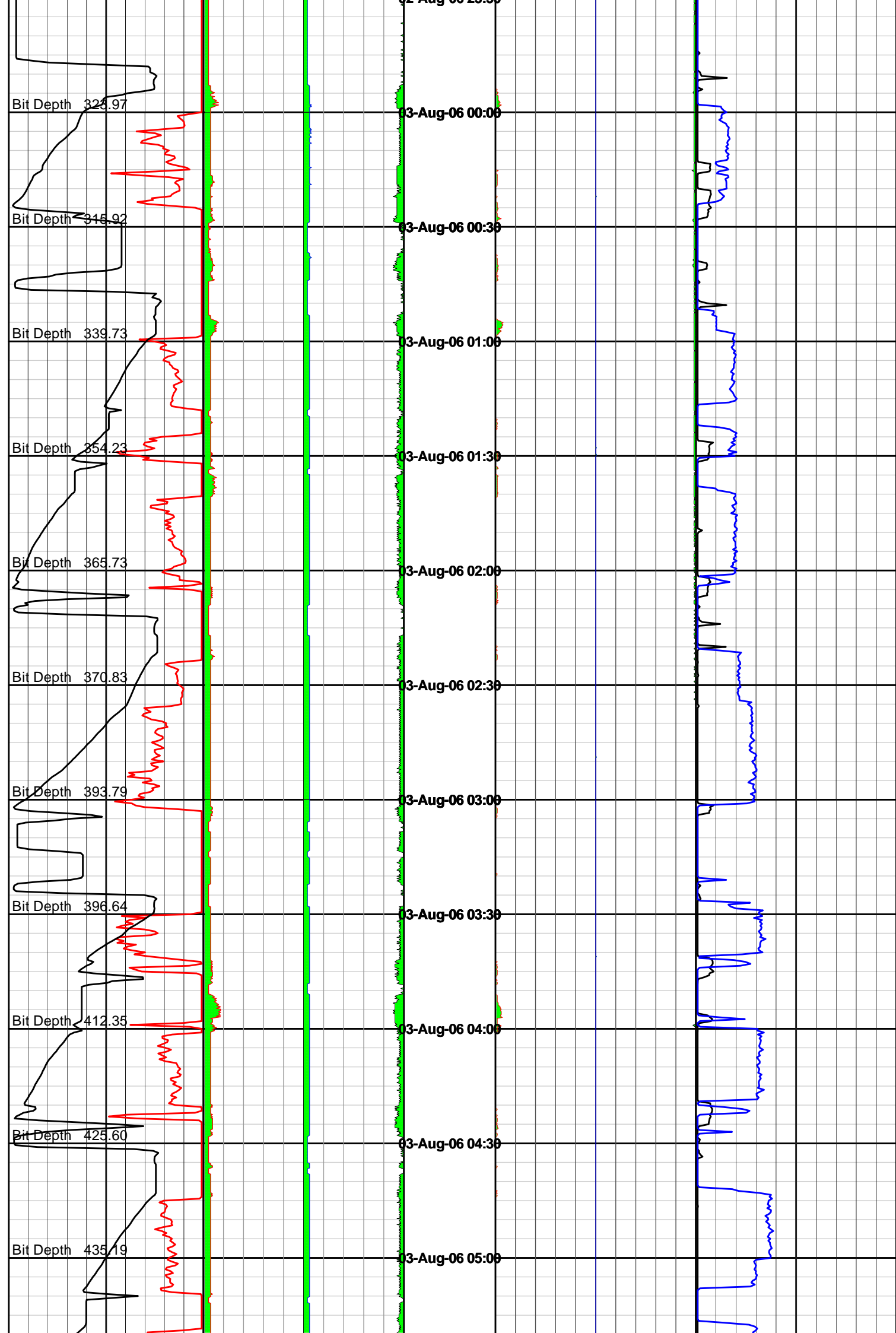
## DDS Log Run 200

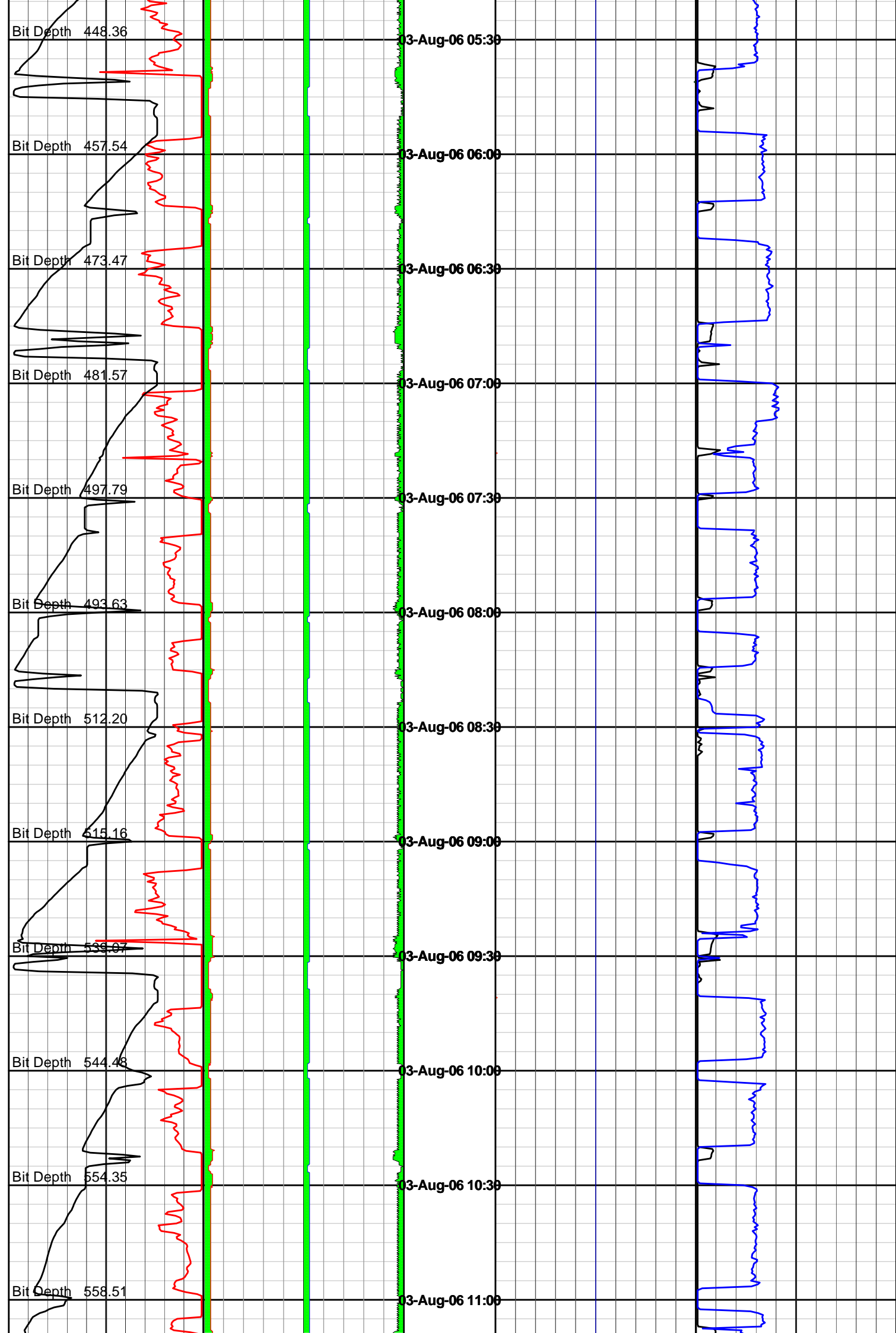
1500 hrs 2nd August 2006 - 1830 hrs 3rd August 2006

No RPM data available from Geoservices for this run.

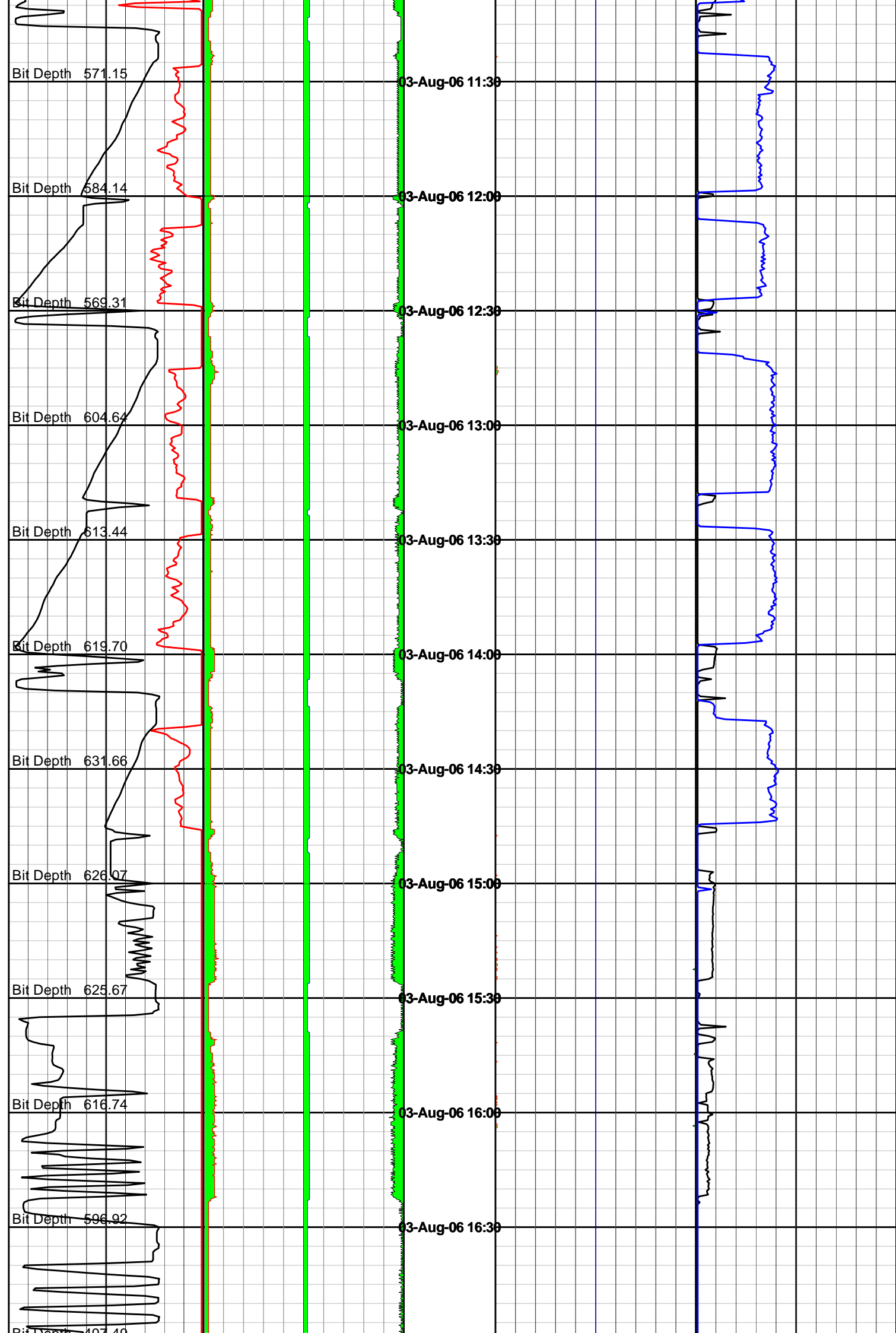


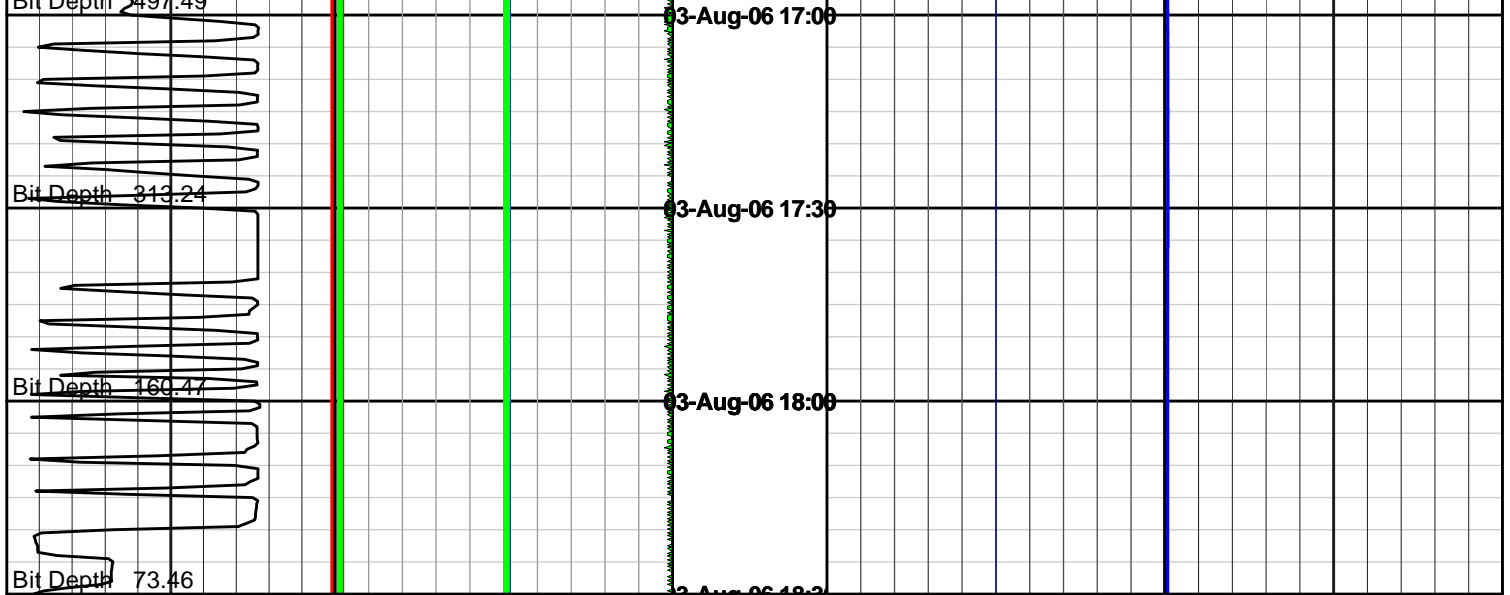








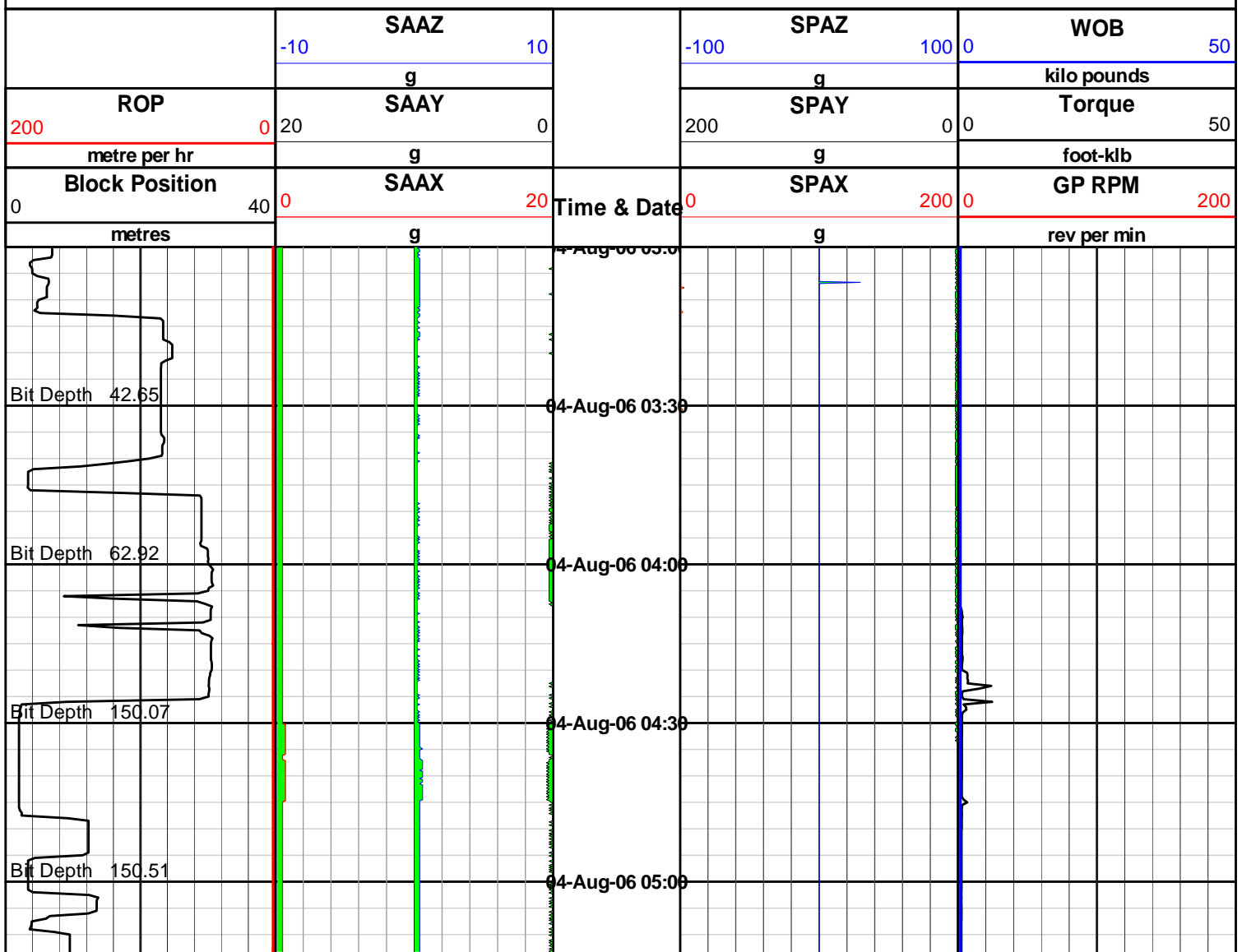


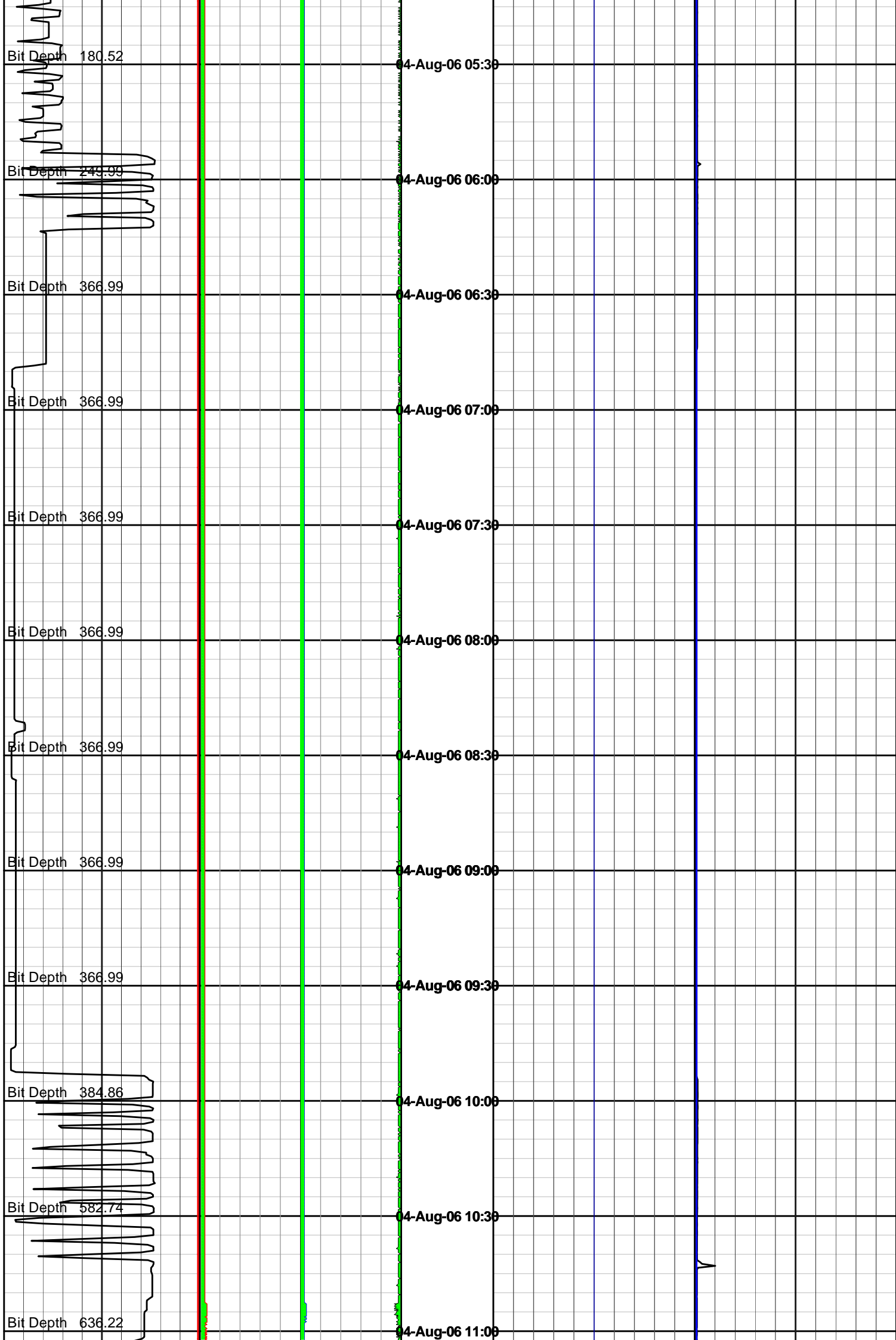


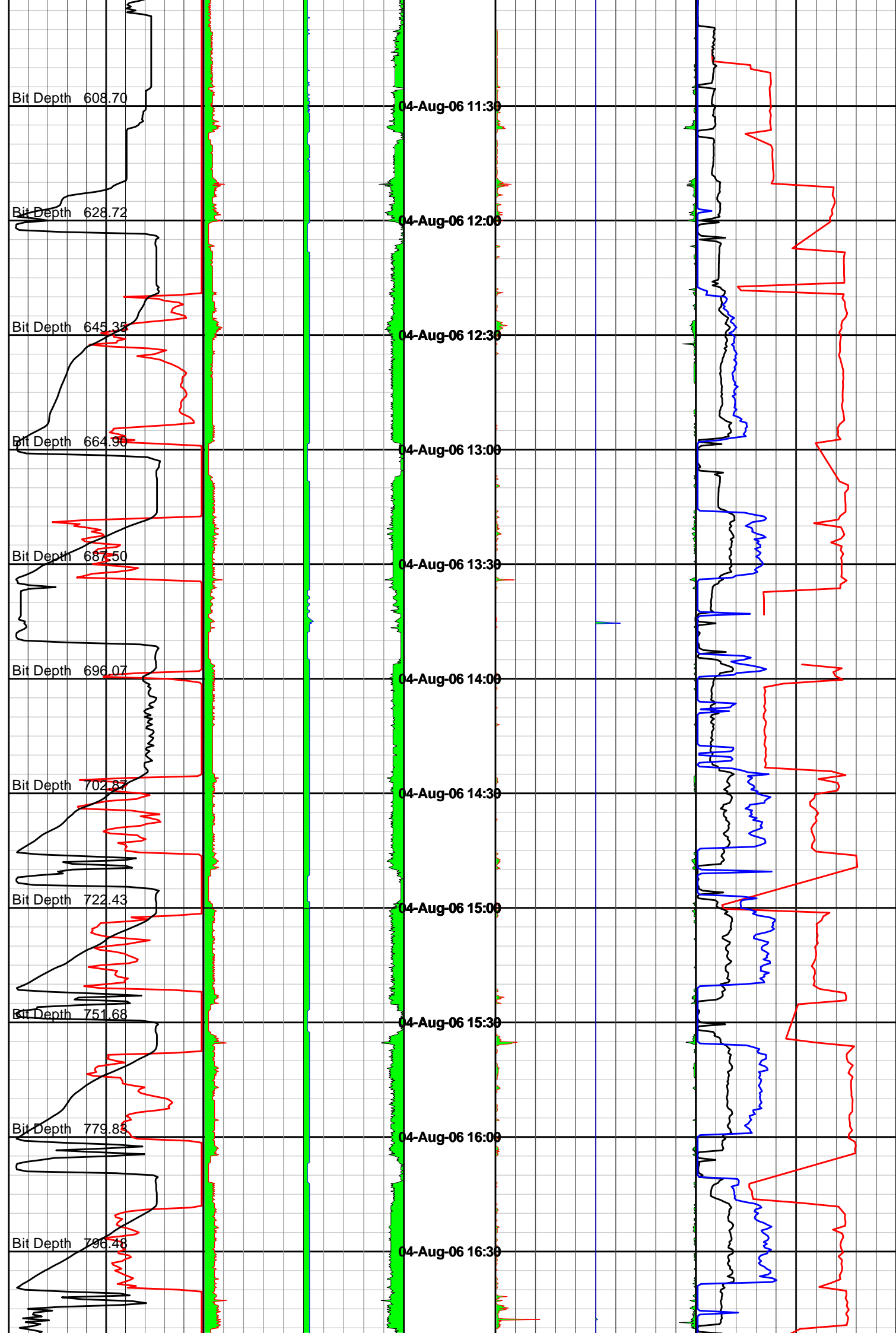
|     |                       |    |     |             |    |                        |      |             |     |   |               |     |
|-----|-----------------------|----|-----|-------------|----|------------------------|------|-------------|-----|---|---------------|-----|
| 0   | <b>Block Position</b> | 40 | 0   | <b>SAAX</b> | 20 | <b>Time &amp; Date</b> | 0    | <b>SPAX</b> | 200 | 0 | <b>GP RPM</b> | 200 |
|     | metres                |    |     | g           |    |                        |      | g           |     |   | rev per min   |     |
| 200 | <b>ROP</b>            | 0  | 20  | <b>SAAY</b> | 0  |                        | 200  | <b>SPAY</b> | 0   | 0 | <b>Torque</b> | 50  |
|     | metre per hr          |    |     | g           |    |                        |      | g           |     |   | foot-klb      |     |
|     |                       |    | -10 | <b>SAAZ</b> | 10 |                        | -100 | <b>SPAZ</b> | 100 | 0 | <b>WOB</b>    | 50  |
|     |                       |    |     | g           |    |                        |      | g           |     |   | kilo pounds   |     |

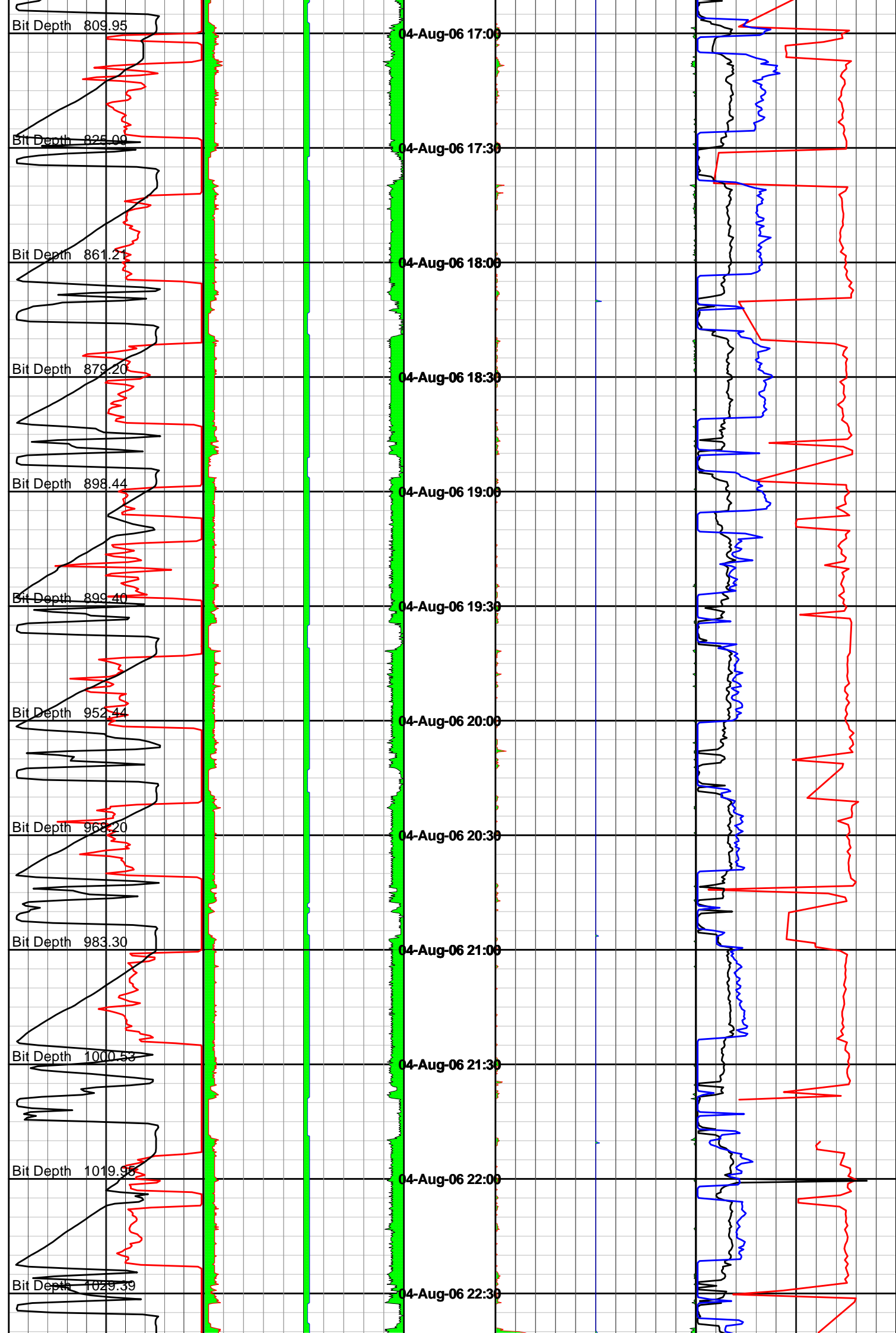
# DDS Log Run 300

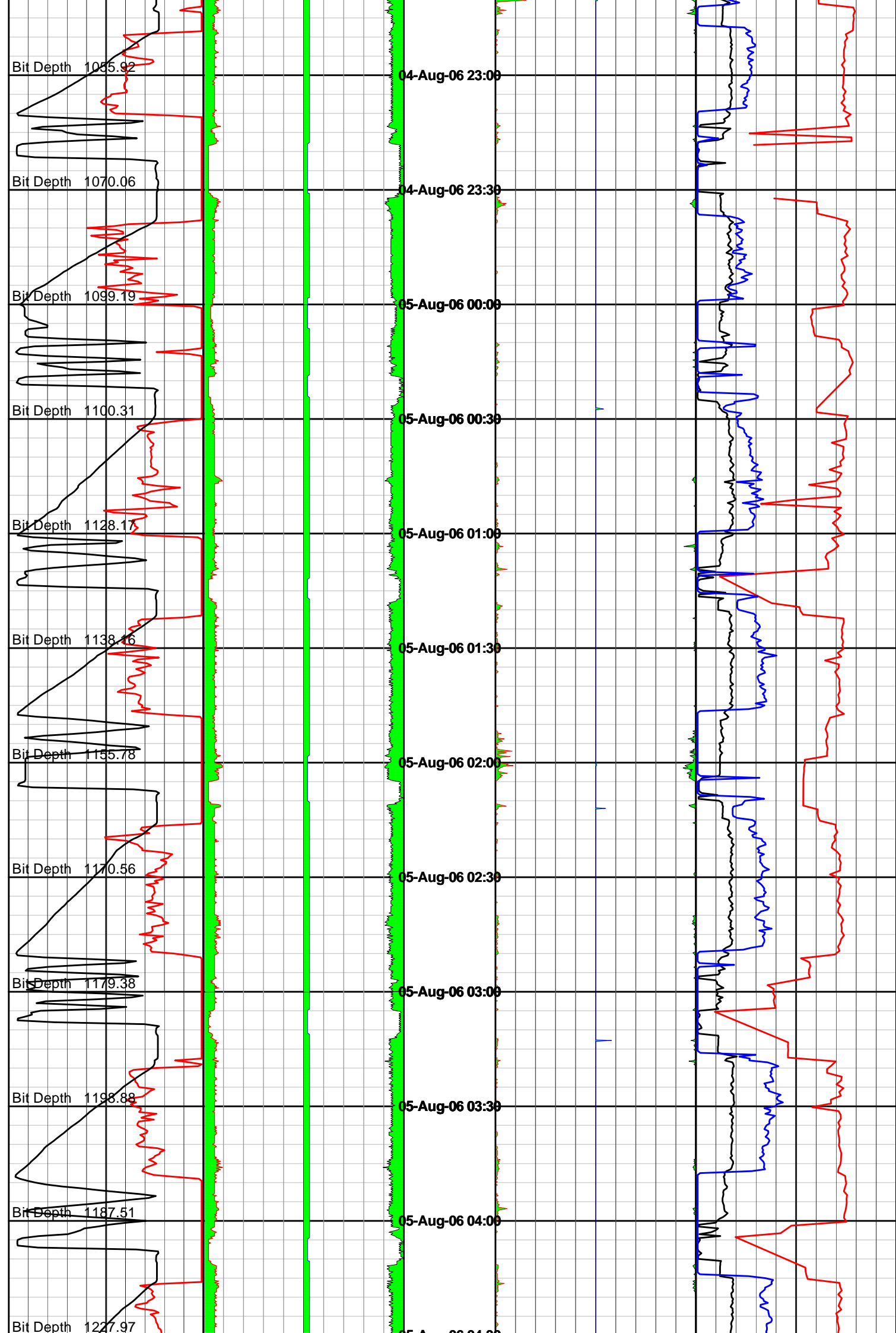
## 0300 hrs 4th August 2006 - 1630 hrs 6th August 2006

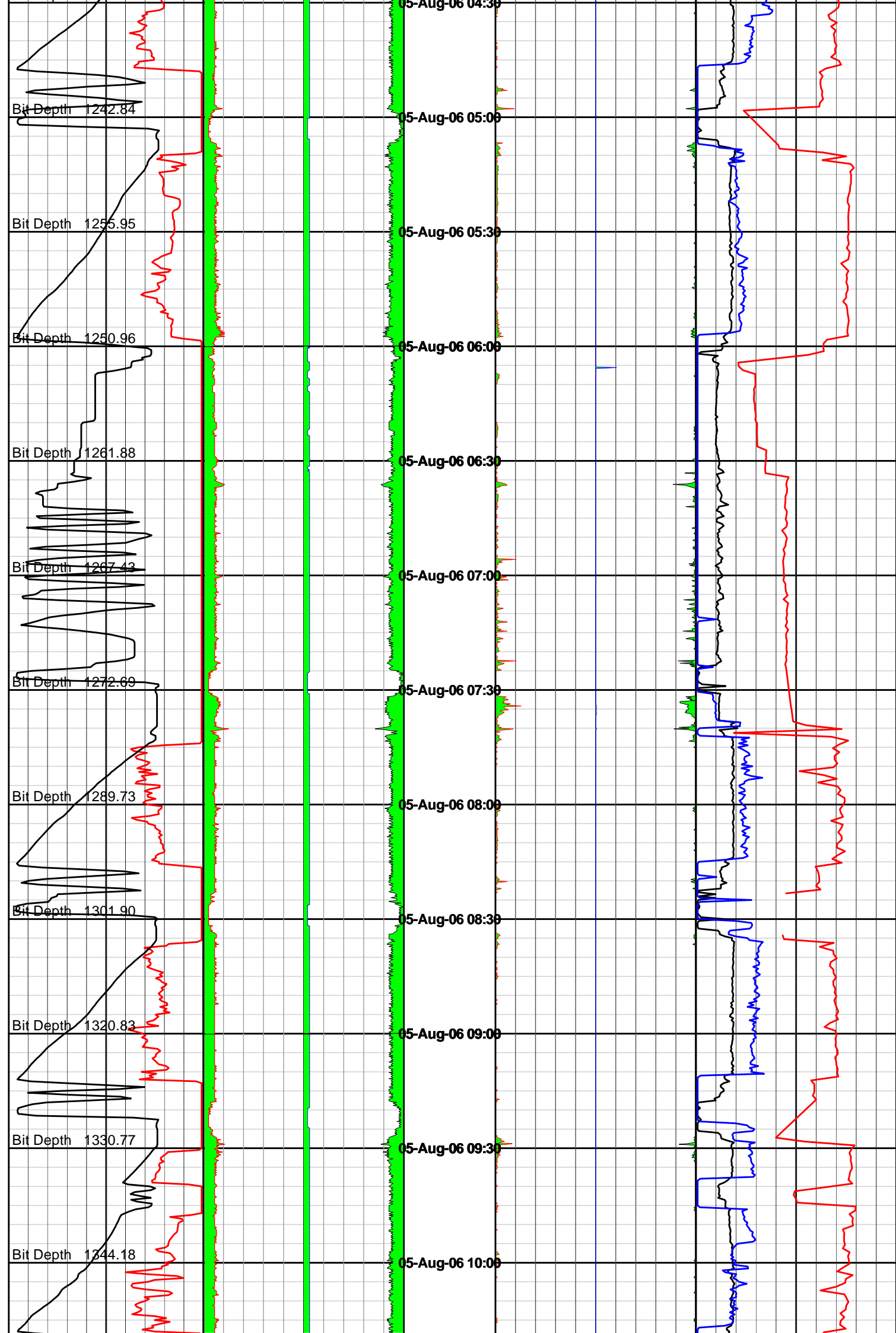


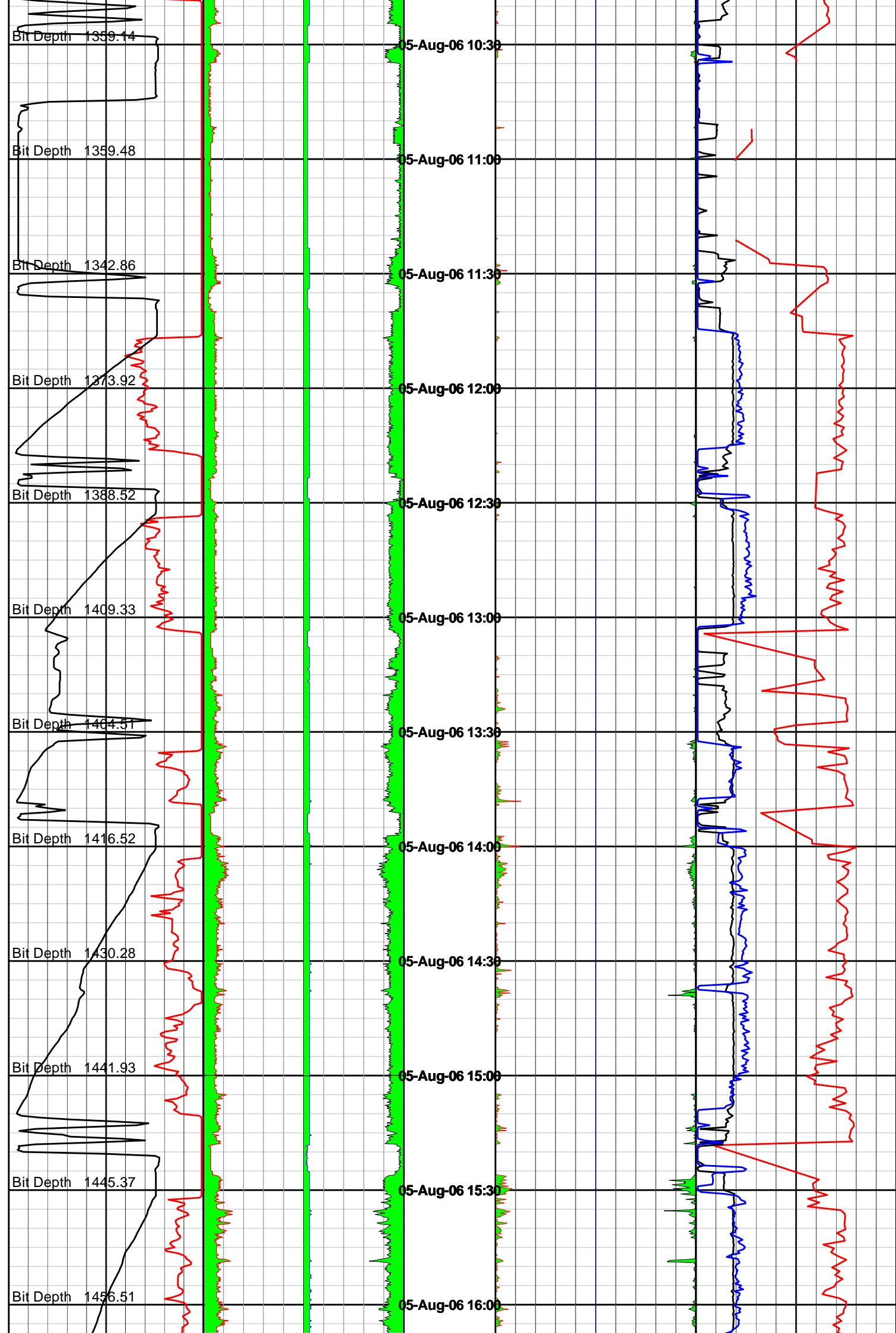




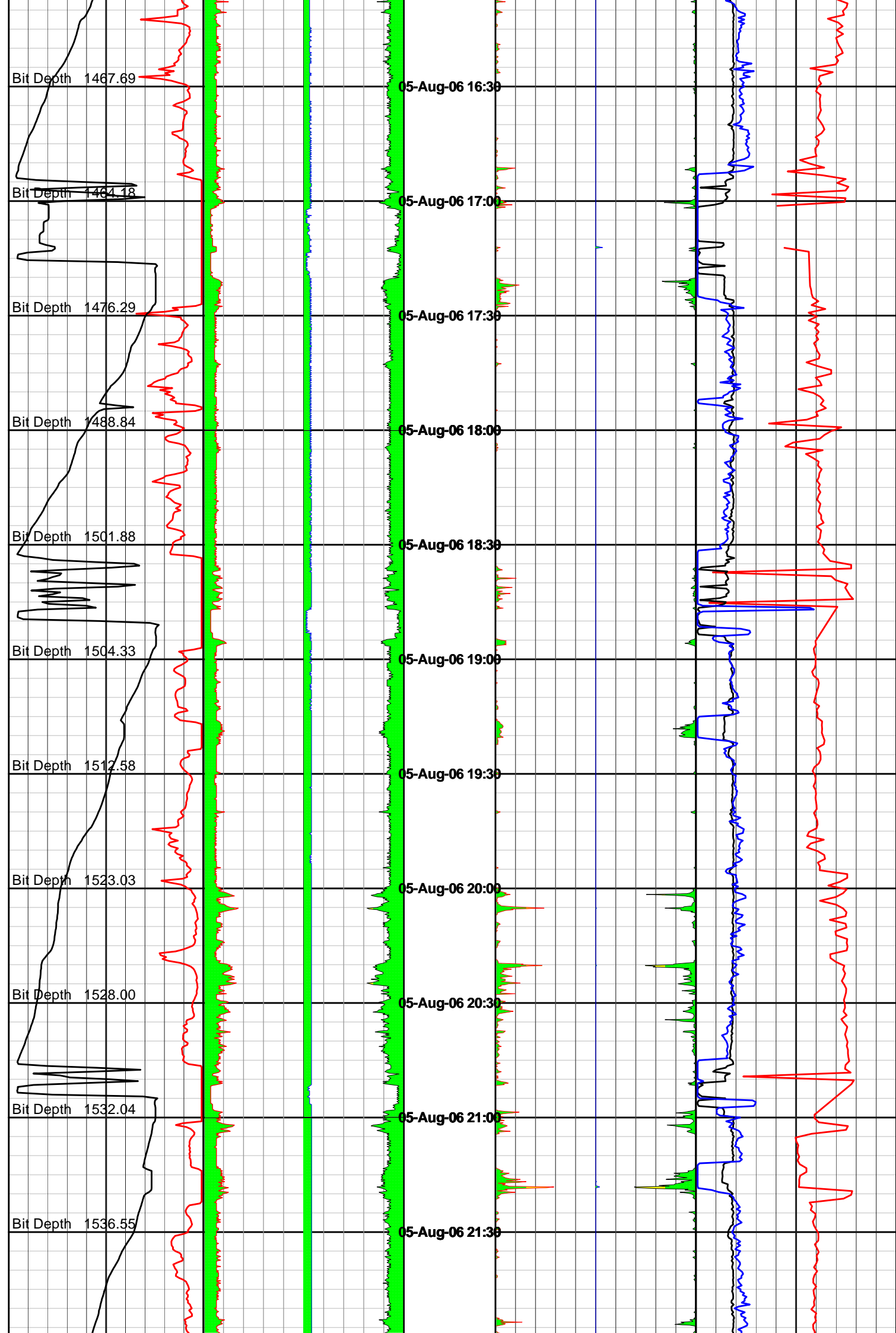


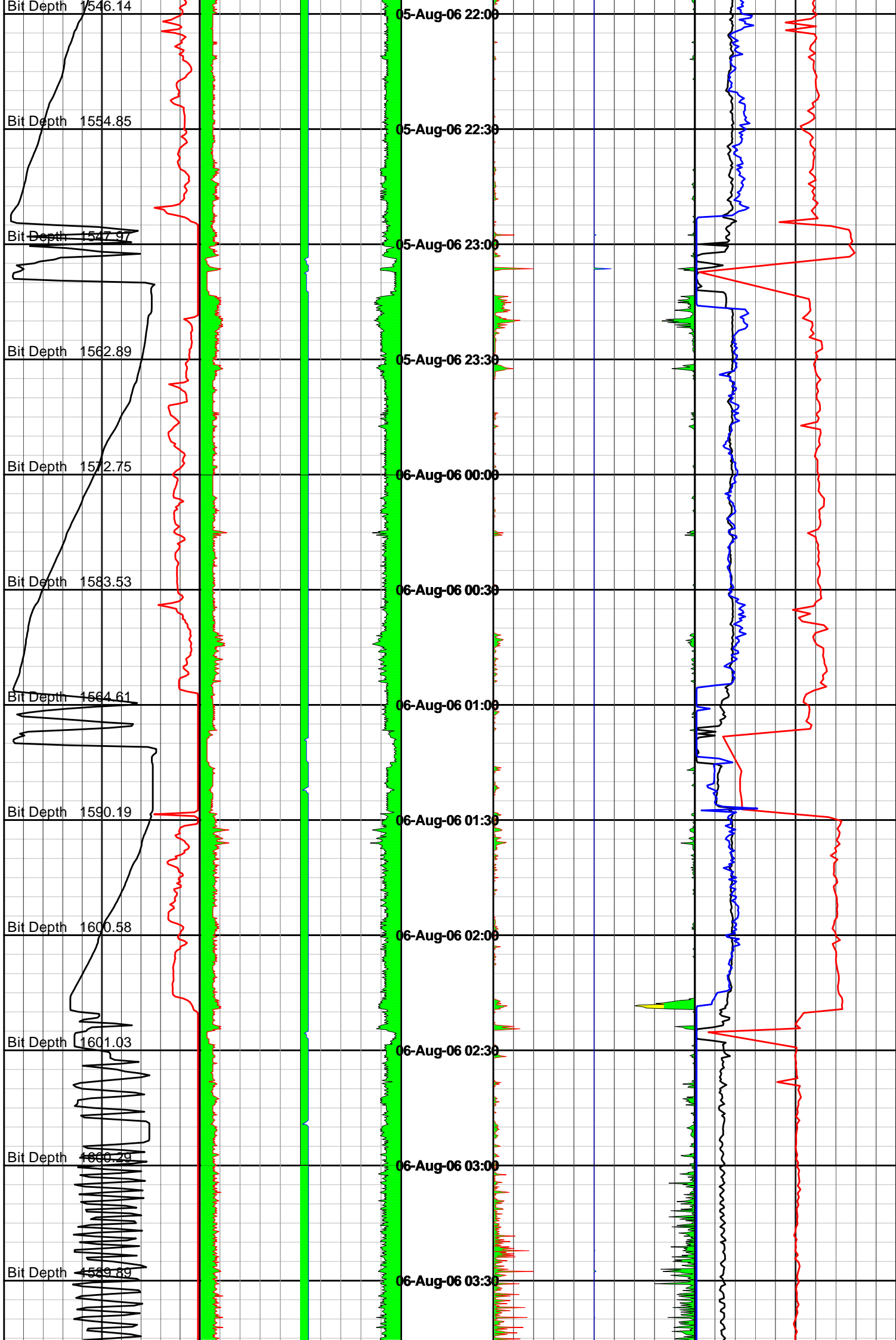


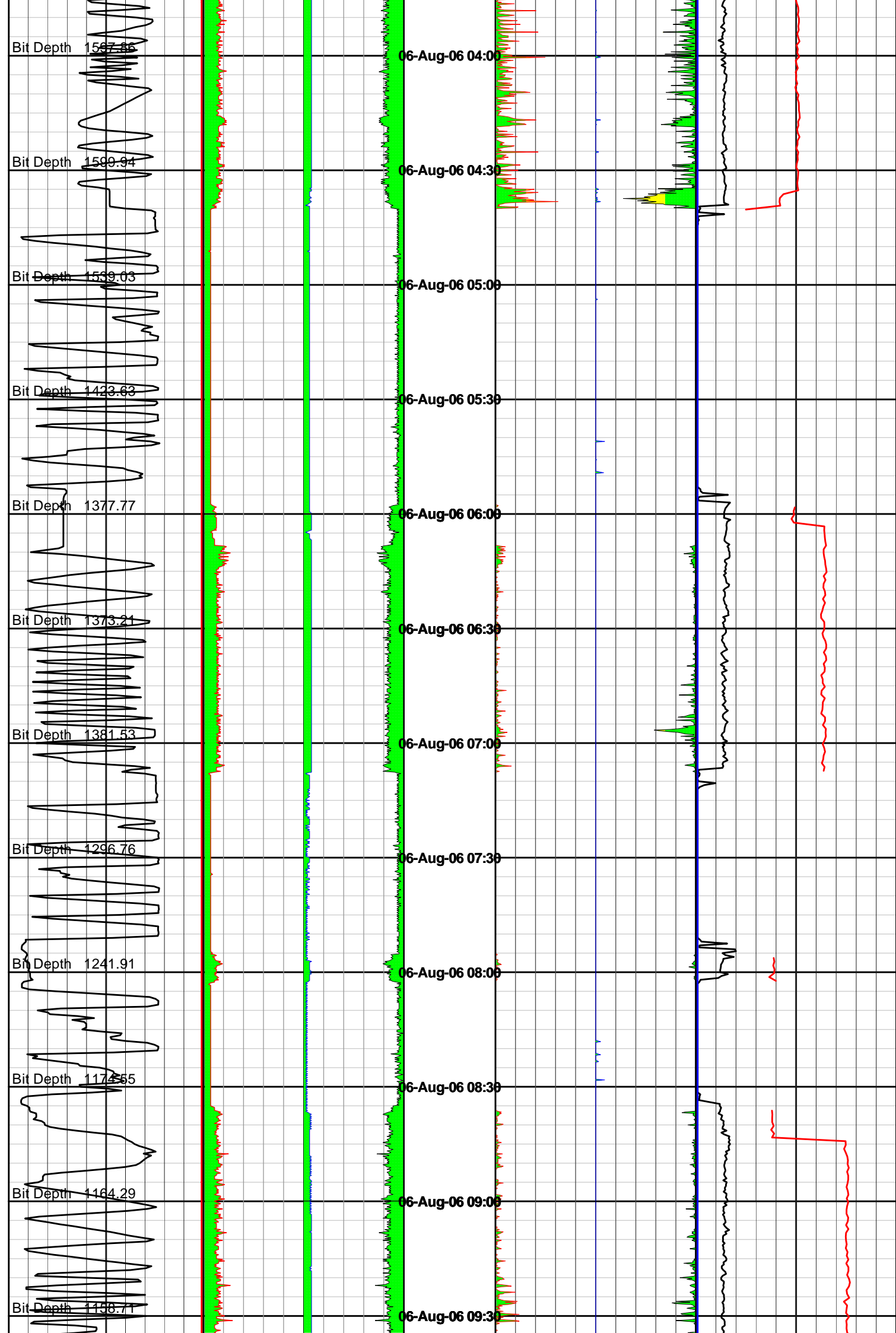


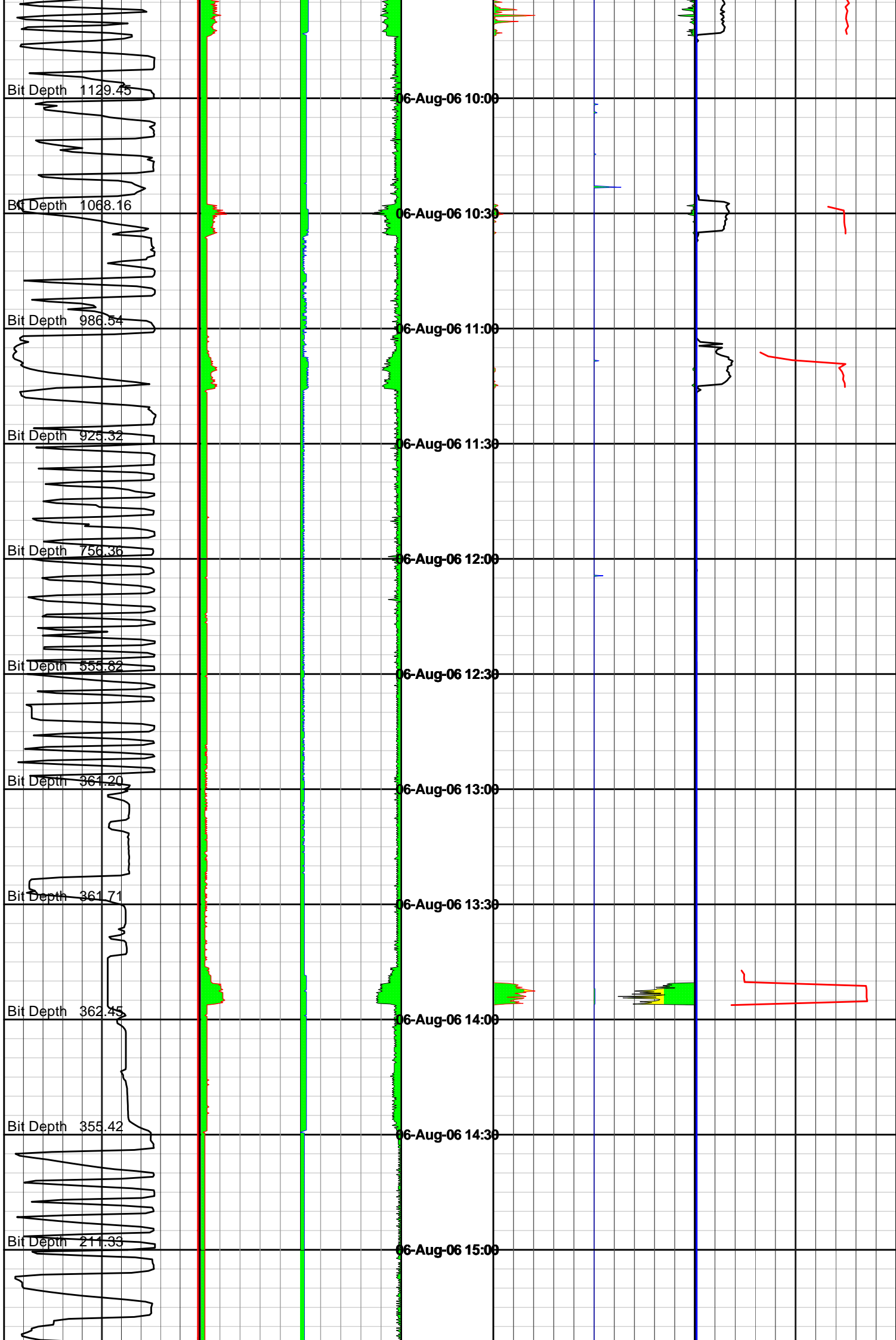


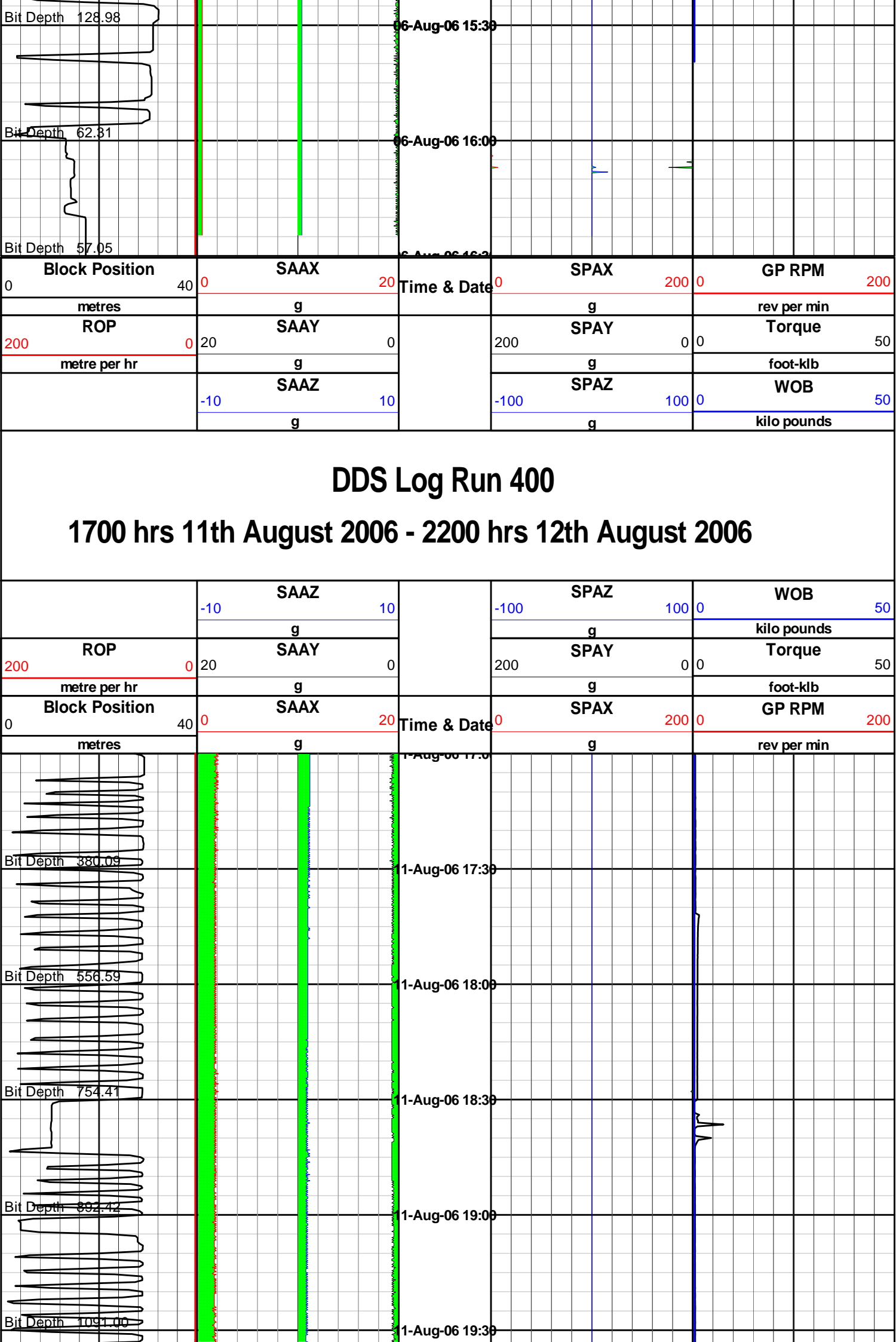


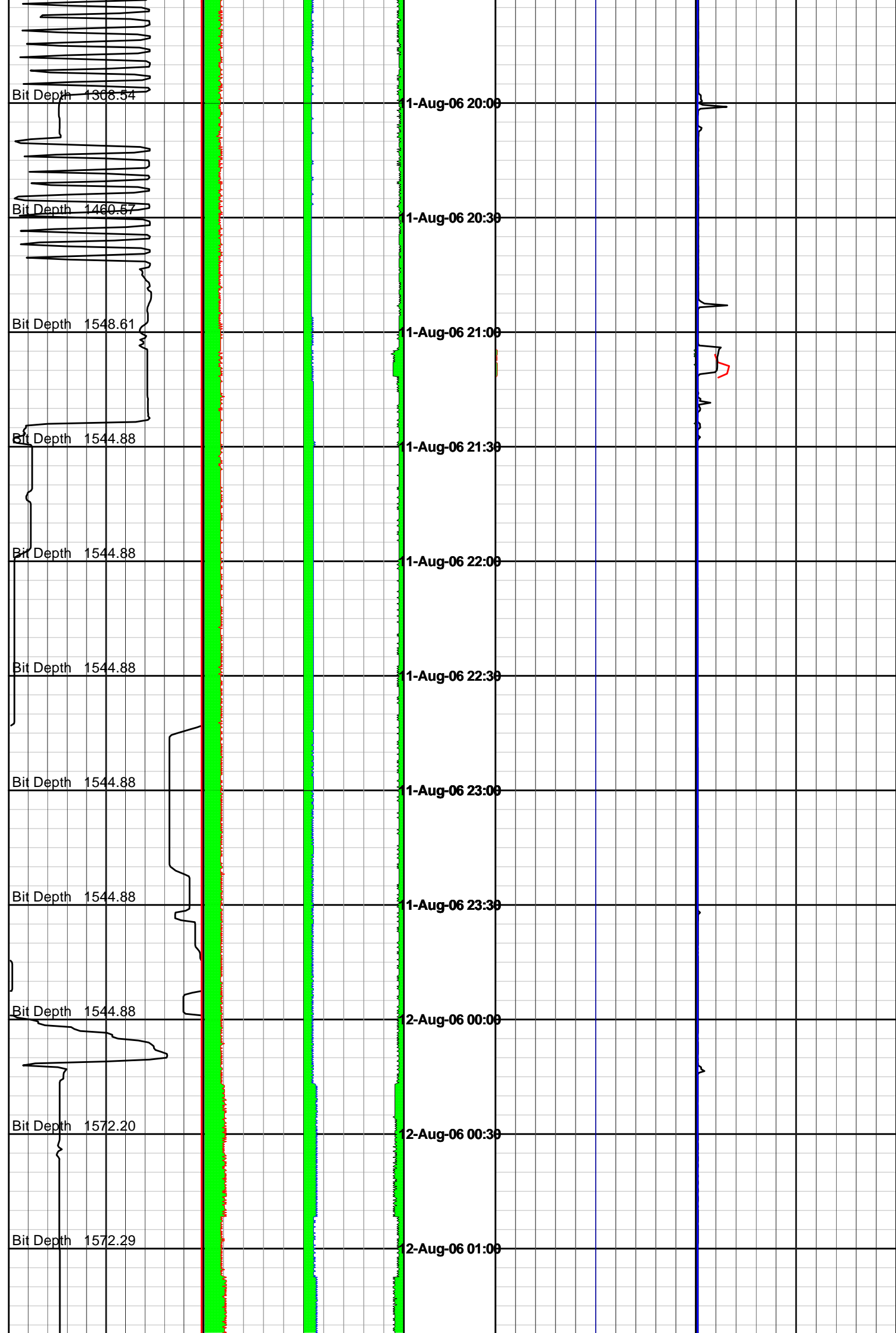


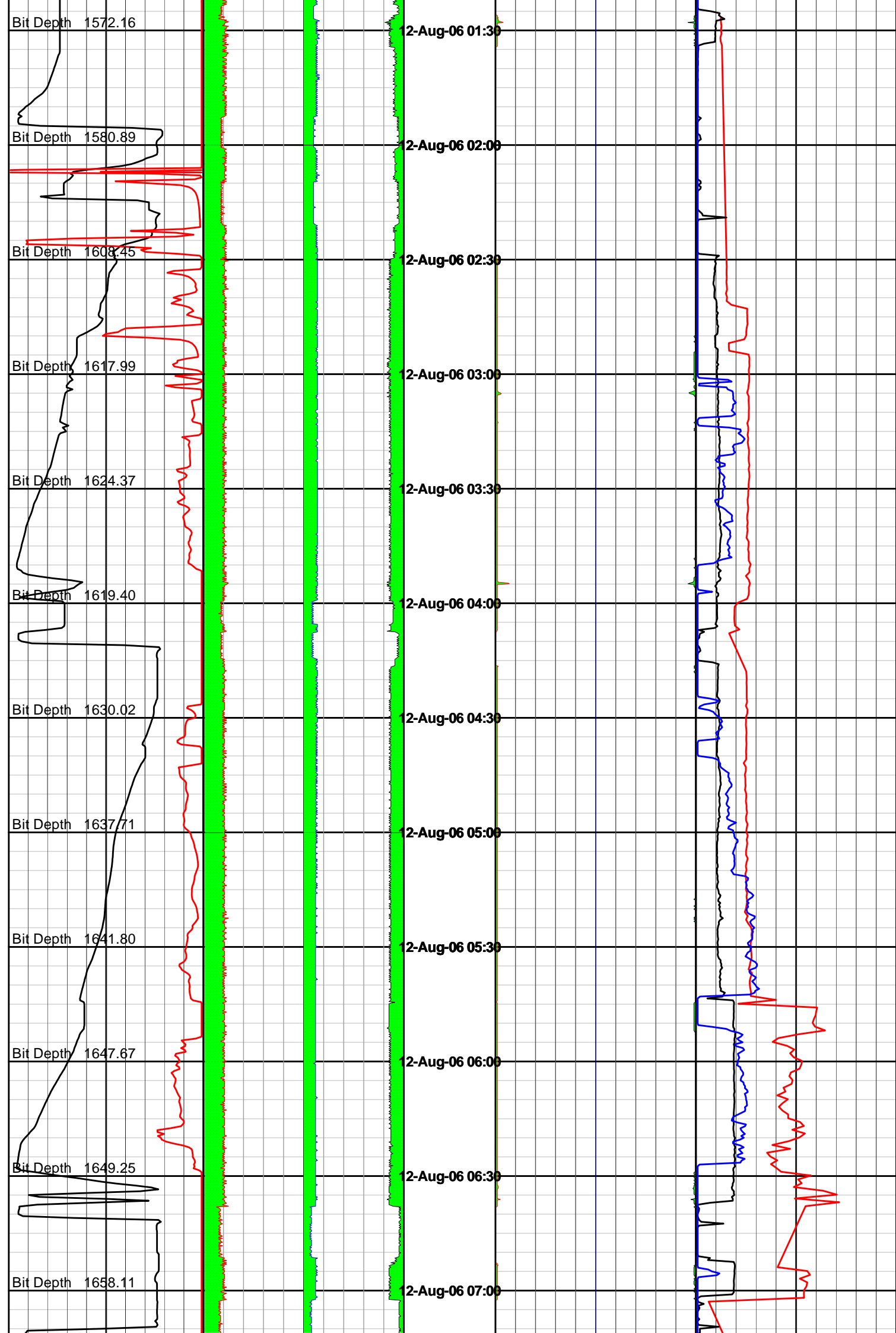


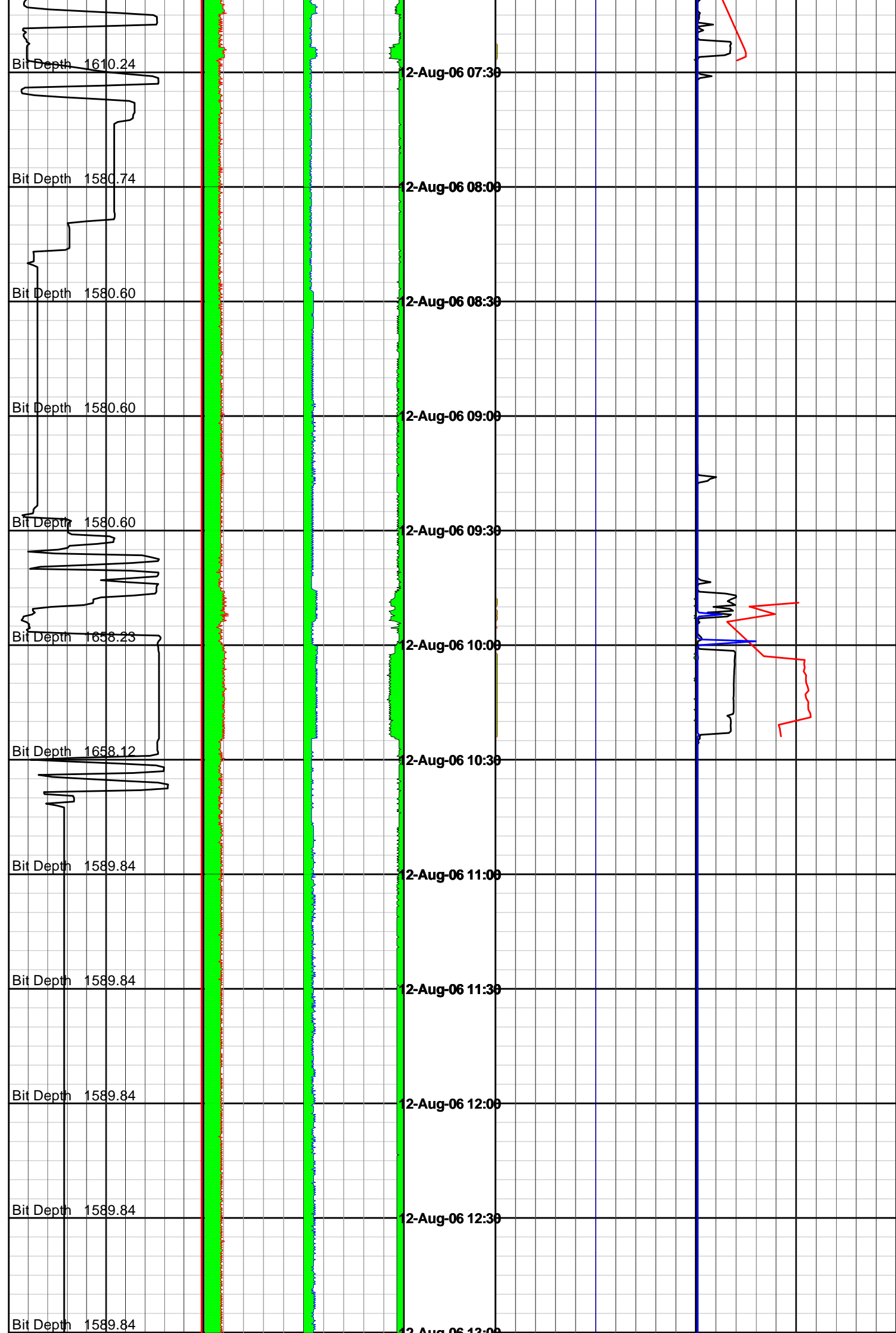




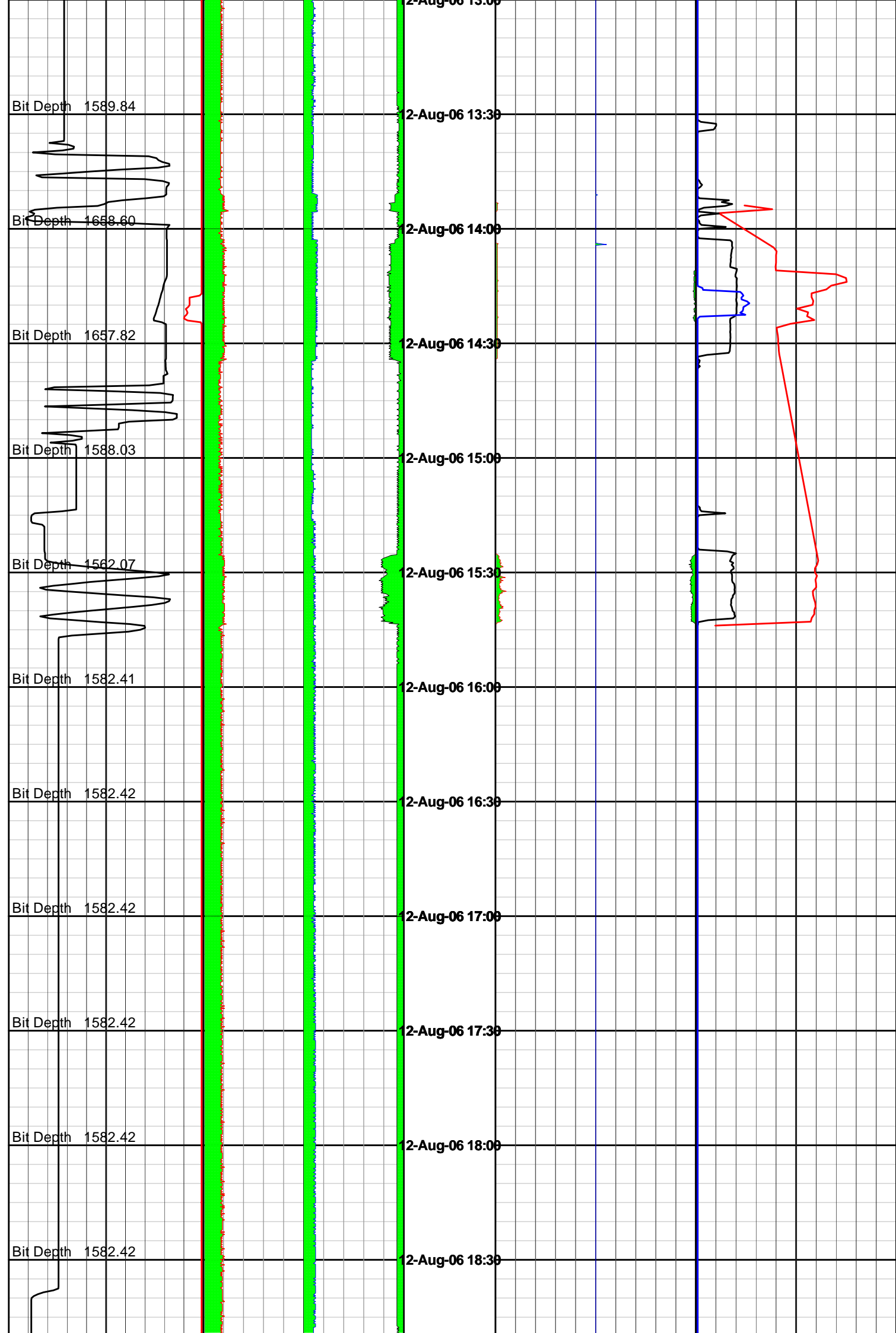


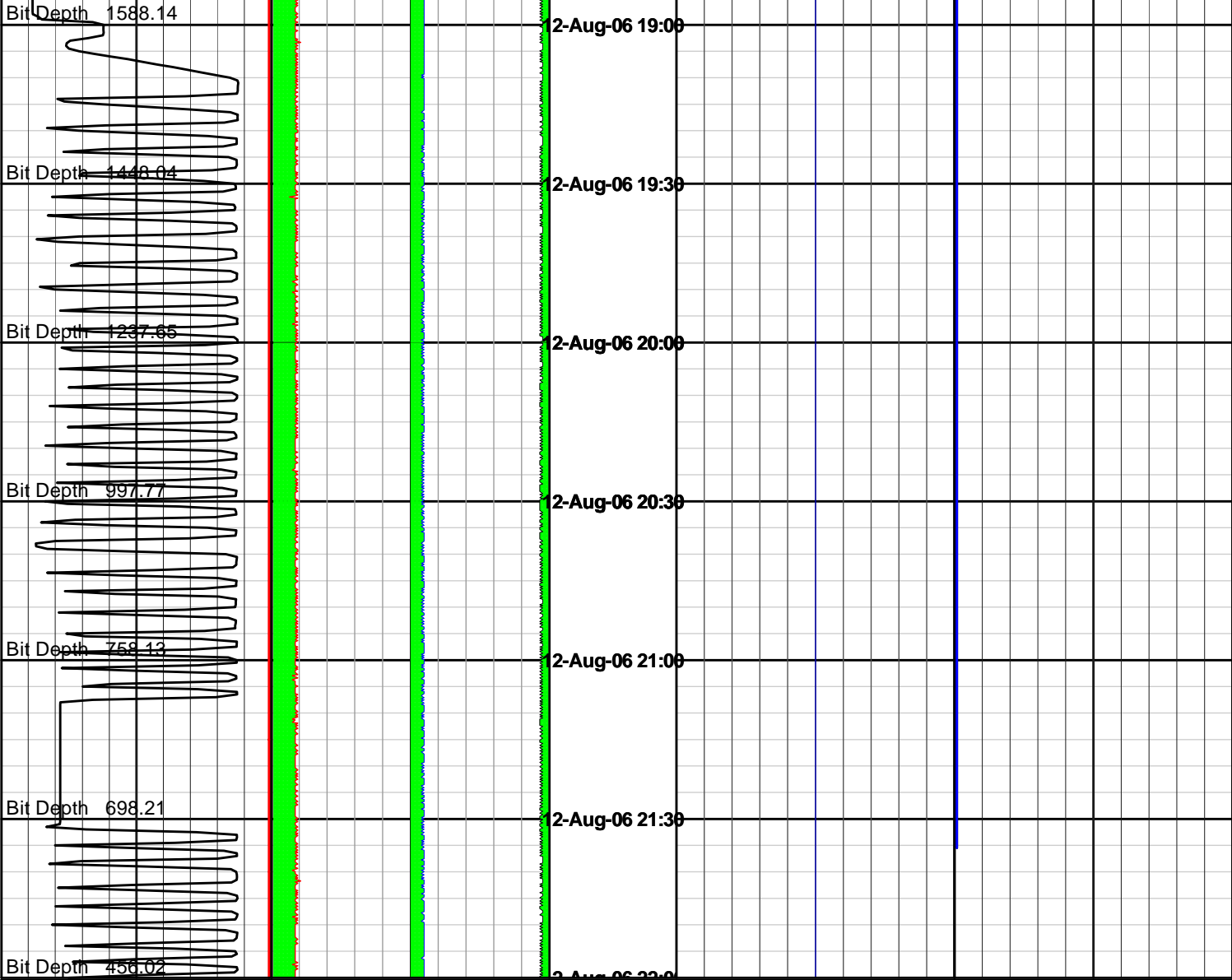












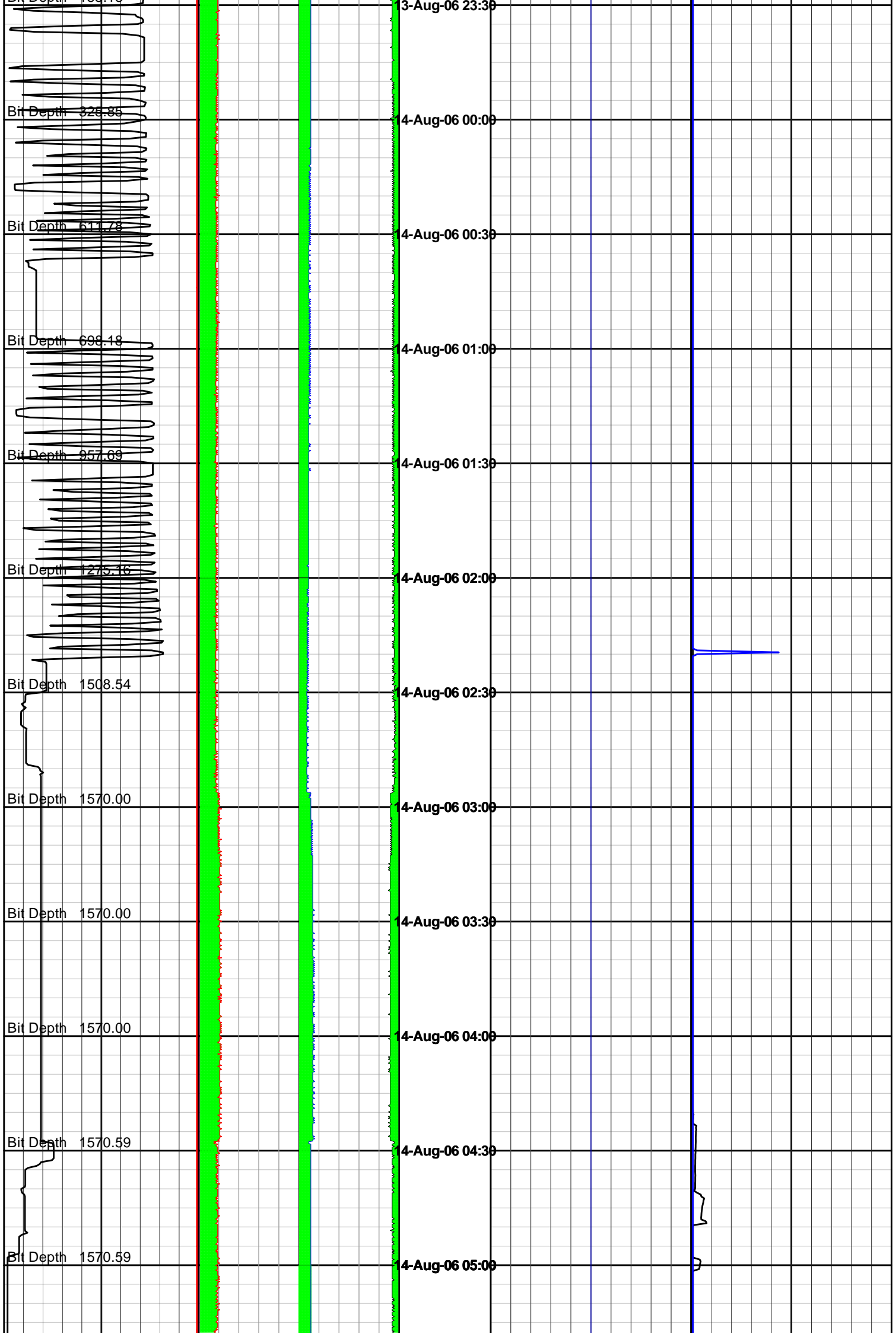
|                |        |             |            |             |
|----------------|--------|-------------|------------|-------------|
| Block Position | SAAX   | Time & Date | SPAX       | GP RPM      |
| 0 40           | 0 20   | 0           | 200 0      | 200         |
| metres         | g      |             | g          | rev per min |
| ROP            | SAAY   |             | SPAY       | Torque      |
| 200 0          | 20 0   |             | 200 0      | 50          |
| metre per hr   | g      |             | g          | foot-klb    |
|                | SAAZ   |             | SPAZ       | WOB         |
|                | -10 10 |             | -100 100 0 | 50          |
|                | g      |             | g          | kilo pounds |

DDS Log Run 500

2300 hrs 13th August 2006 - 2300 hrs 14th August 2006

|                |        |             |            |             |
|----------------|--------|-------------|------------|-------------|
|                | SAAZ   |             | SPAZ       | WOB         |
|                | -10 10 |             | -100 100 0 | 50          |
|                | g      |             | g          | kilo pounds |
| ROP            | SAAY   |             | SPAY       | Torque      |
| 200 0          | 20 0   |             | 200 0      | 50          |
| metre per hr   | g      |             | g          | foot-klb    |
| Block Position | SAAX   | Time & Date | SPAX       | GP RPM      |
| 0 40           | 0 20   | 0           | 200 0      | 200         |
| metres         | g      |             | g          | rev per min |





Bit Depth 1570.59

14-Aug-06 05:30

Bit Depth 1570.59

14-Aug-06 06:00

Bit Depth 1570.59

14-Aug-06 06:30

Bit Depth 1570.59

14-Aug-06 07:00

Bit Depth 1570.59

14-Aug-06 07:30

Bit Depth 1570.59

14-Aug-06 08:00

Bit Depth 1570.59

14-Aug-06 08:30

Bit Depth 1571.69

14-Aug-06 09:00

Bit Depth 1571.69

14-Aug-06 09:30

Bit Depth 1571.69

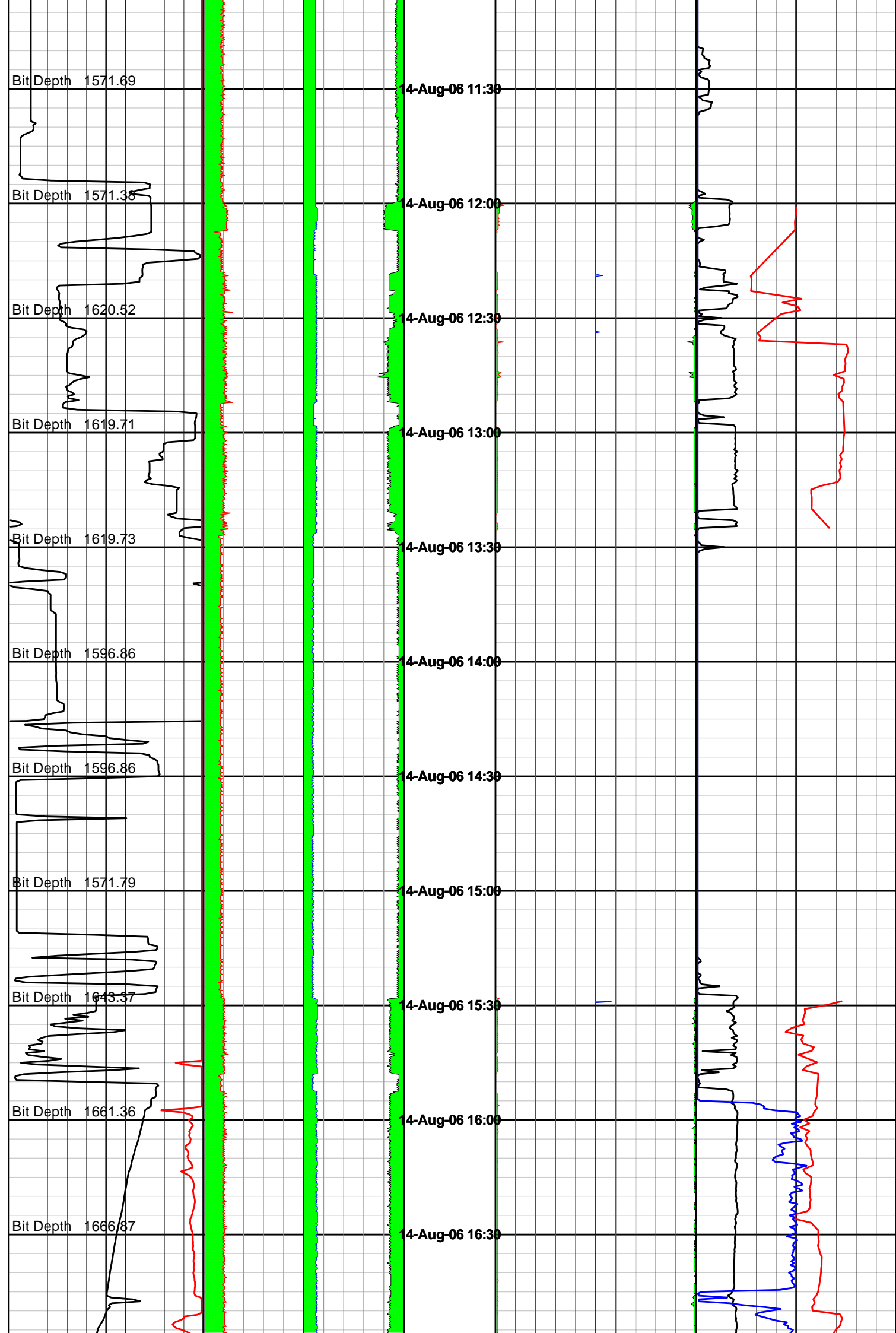
14-Aug-06 10:00

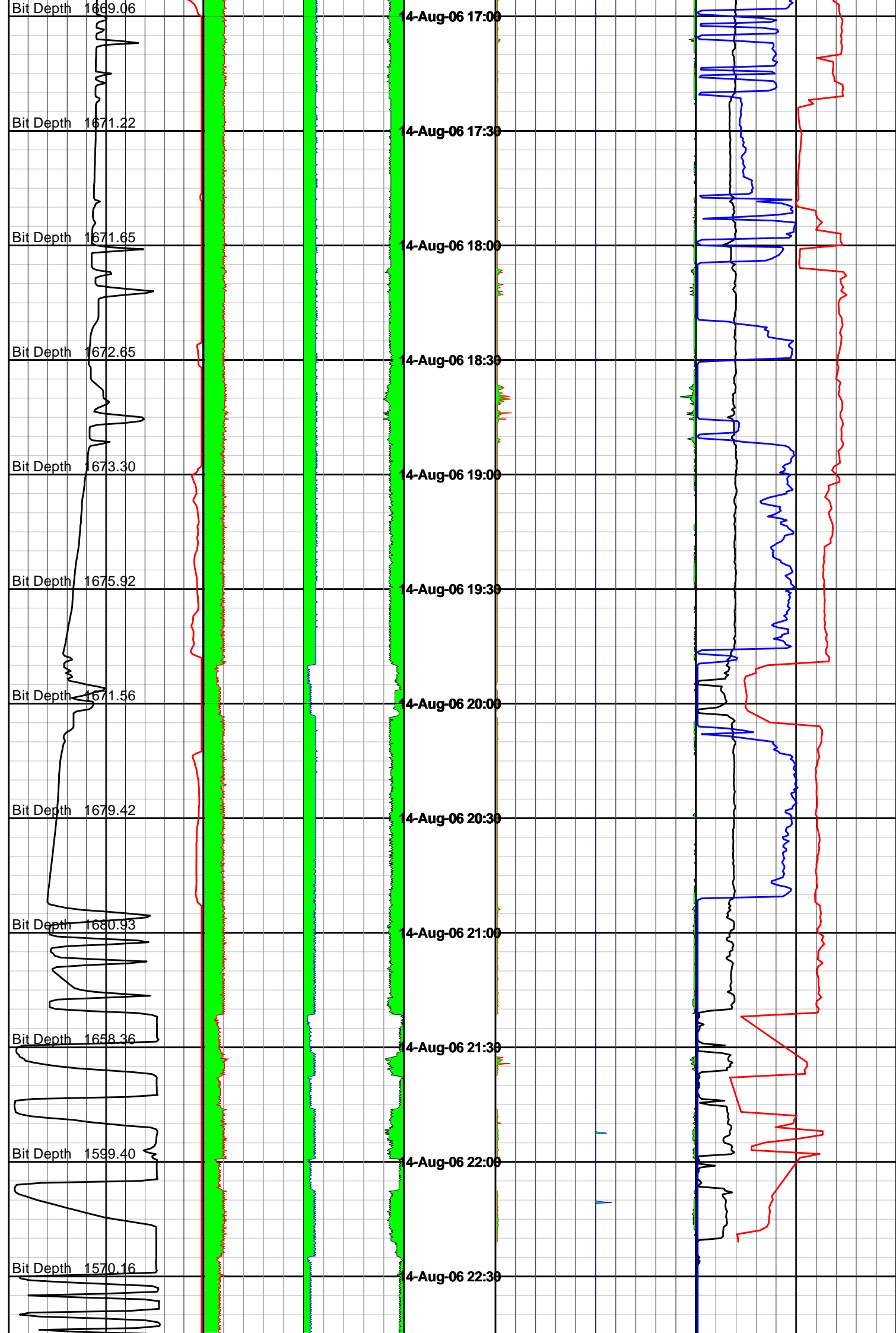
Bit Depth 1571.69

14-Aug-06 10:30

Bit Depth 1571.69

14-Aug-06 11:00

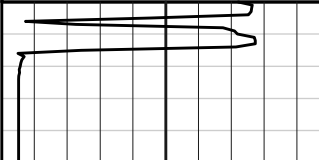
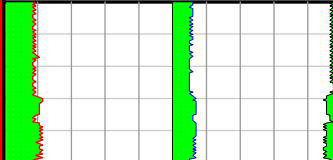
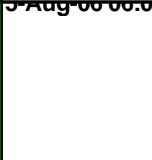
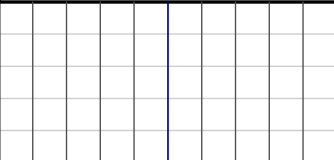
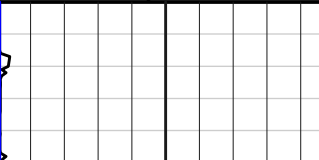


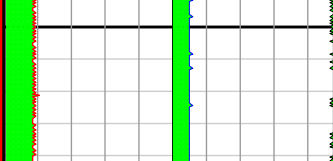
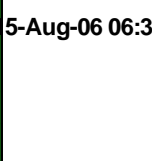

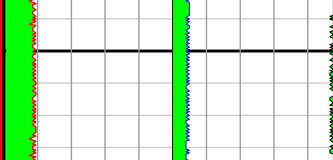
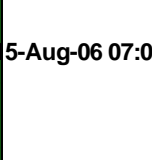
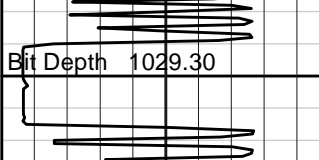
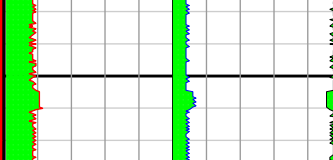
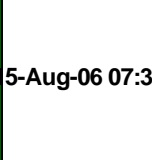

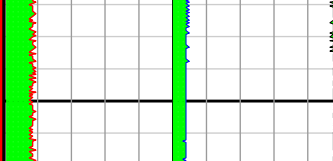
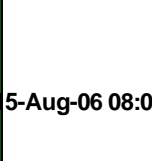
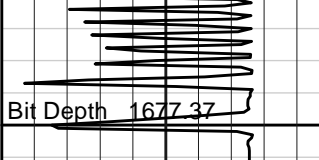
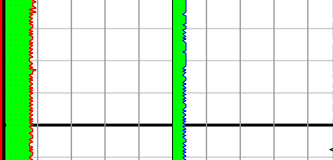
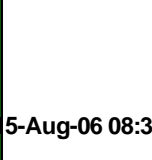
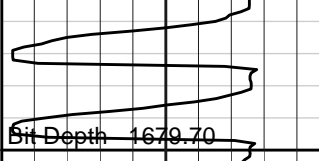
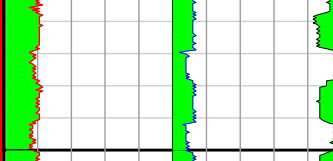


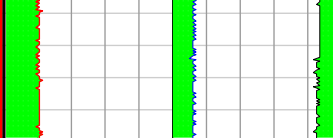



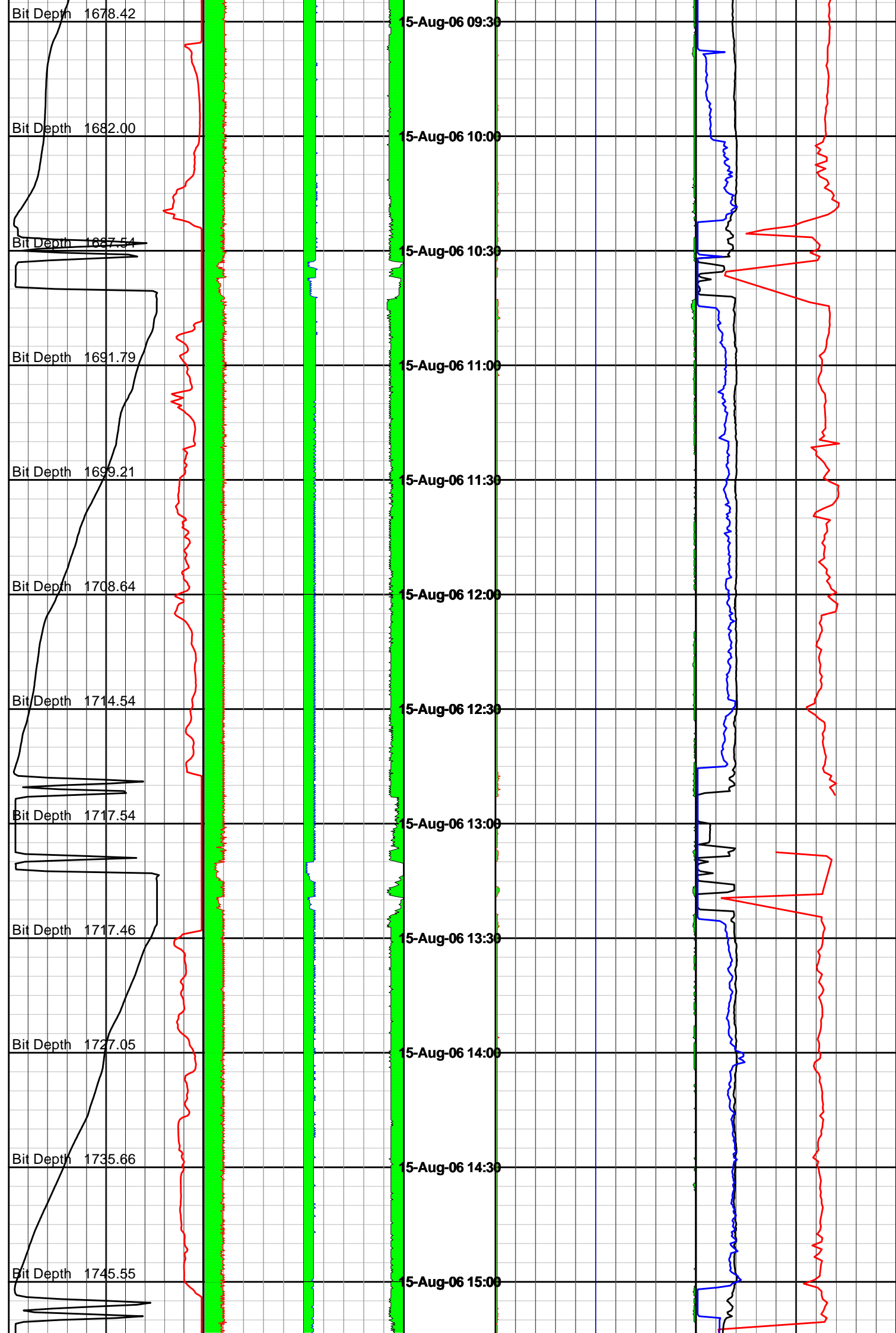


|                   |        |                |            |             |  |
|-------------------|--------|----------------|------------|-------------|--|
| Bit Depth 1328.69 |        | 4 Aug 06 23:00 |            |             |  |
| Block Position    | SAAX   | Time & Date    | SPAX       | GP RPM      |  |
| 0 40              | 0 20   |                | 0 200 0    | 200         |  |
| metres            | g      |                | g          | rev per min |  |
| ROP               | SAAY   |                | SPAY       | Torque      |  |
| 200 0             | 20 0   |                | 200 0 0    | 50          |  |
| metre per hr      | g      |                | g          | foot-klb    |  |
|                   | SAAZ   |                | SPAZ       | WOB         |  |
|                   | -10 10 |                | -100 100 0 | 50          |  |
|                   | g      |                | g          | kilo pounds |  |

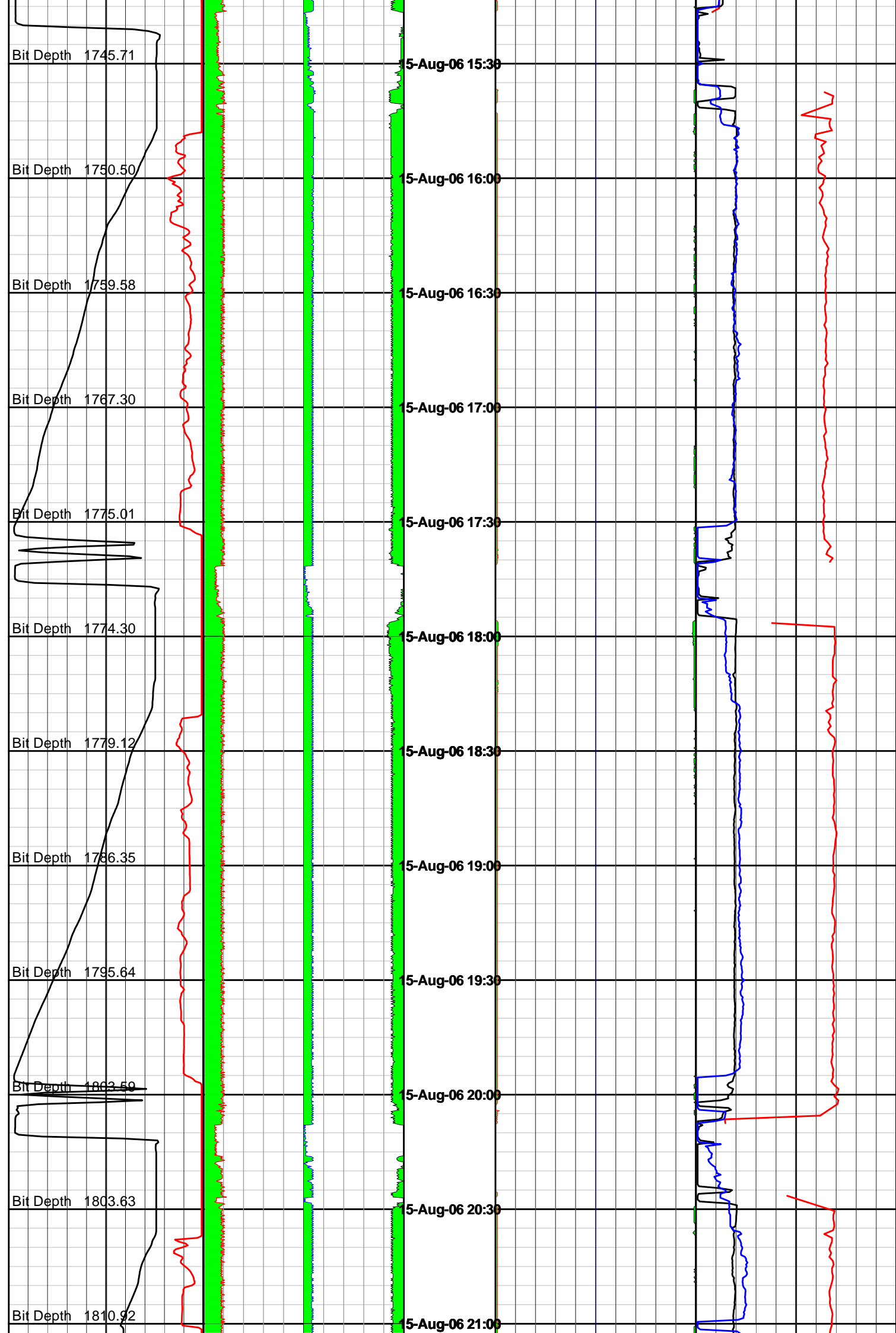
DDS Log Run 600

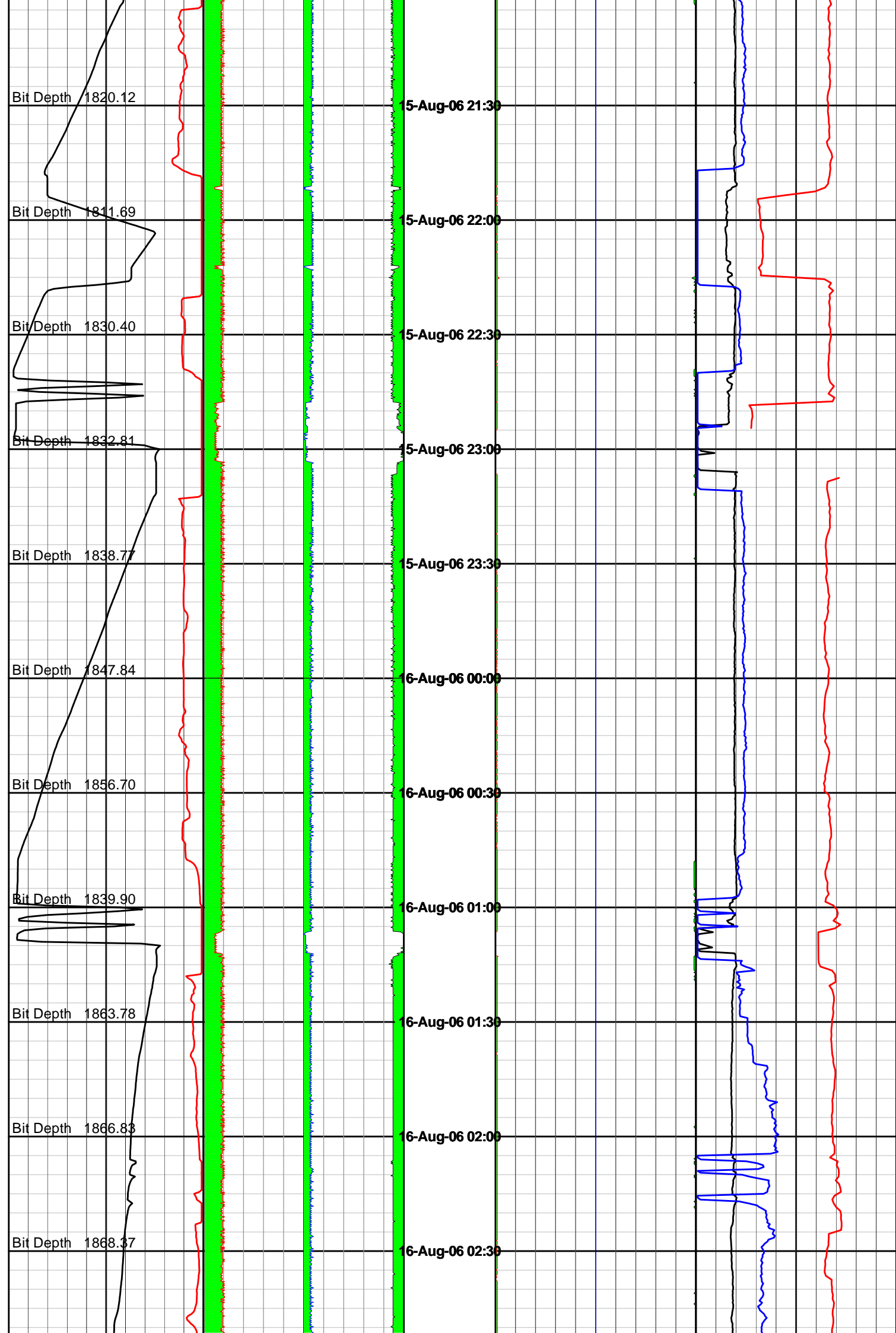
0600 hrs 15th August 2006 - 1300 hrs 16th August 2006

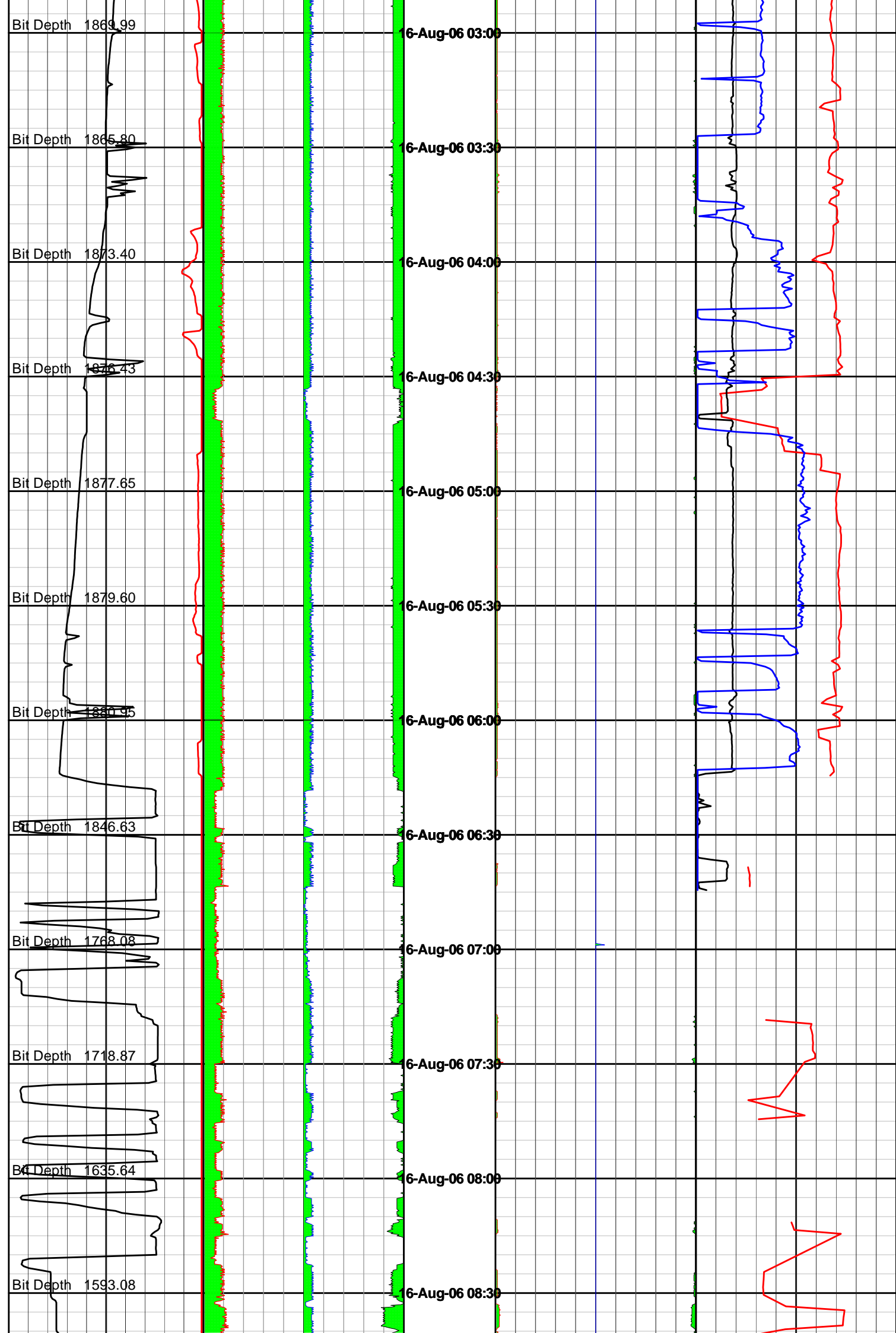
|  | SAAZ  |   | Time & Date   | SPAZ   |  | WOB         |     |
|--|---|---|---|--|--|-------------|-----|
|  | -10   | 10  |   | -100   | 100  | 0           | 50  |
|  | g   |   |   | g  |  | kilo pounds |     |
| ROP  | SAAY  |   |   | SPAY   |  | Torque      |     |
| 200  | 0   | 20  | 0   | 200  | 0  | 0           | 50  |
| metre per hr   | g   |   | g   |  | foot-klb   |             |     |
| Block Position   | SAAX  |   | SPAX  |  | GP RPM   |             |     |
| 0  | 40  | 0   | 20  | 0  | 200  | 0           | 200 |
| metres   | g   |   | g   |  | rev per min  |             |     |
|   |   |   |  |  |  |             |     |
| Bit Depth 290.87   |   |   | 5-Aug-06 06:00  |  |  |             |     |
|  |  |  | 5-Aug-06 06:30  |  |  |             |     |
| Bit Depth 706.72   |   |   | 5-Aug-06 07:00  |  |  |             |     |
|  |  |  | 5-Aug-06 07:30  |  |  |             |     |
| Bit Depth 1029.30  |   |   | 5-Aug-06 08:00  |  |  |             |     |
|  |  |  | 5-Aug-06 08:30  |  |  |             |     |
| Bit Depth 1326.65  |   |   | 5-Aug-06 09:00  |  |  |             |     |
|  |  |  | 5-Aug-06 09:30  |  |  |             |     |
| Bit Depth 1677.37  |   |   | 5-Aug-06 10:00  |  |  |             |     |
|  |  |  | 5-Aug-06 10:30  |  |  |             |     |
| Bit Depth 1679.70  |   |   | 5-Aug-06 11:00  |  |  |             |     |
|  |  |  | 5-Aug-06 11:30  |  |  |             |     |
|  |  |  | 5-Aug-06 12:00  |  |  |             |     |

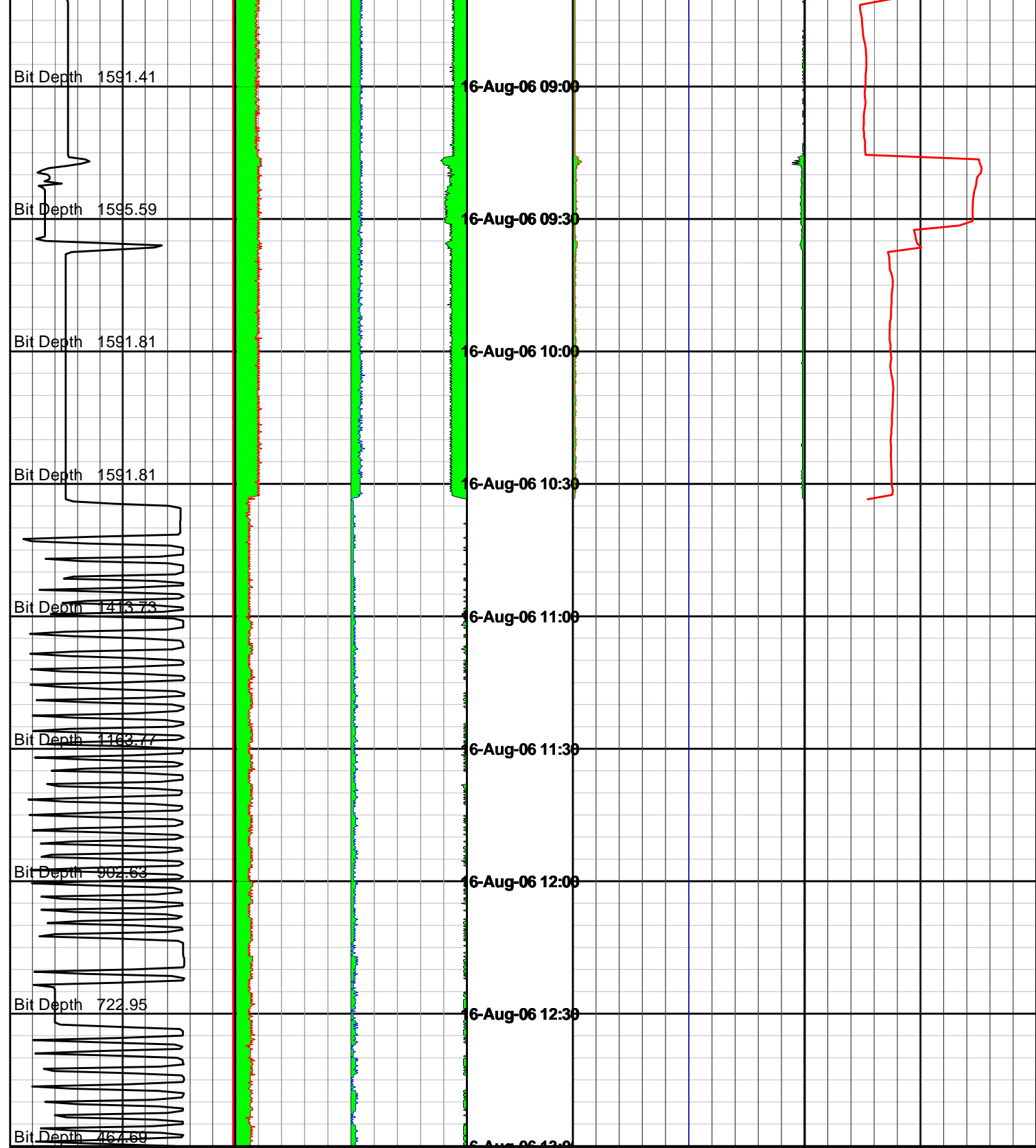










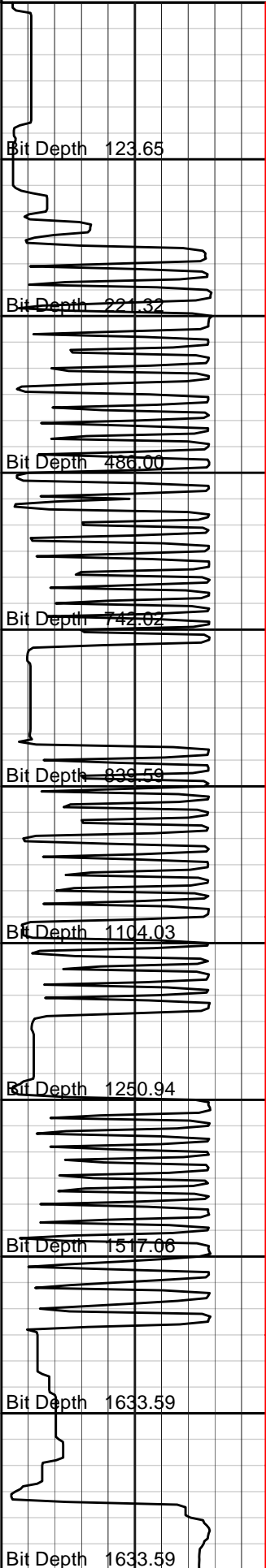
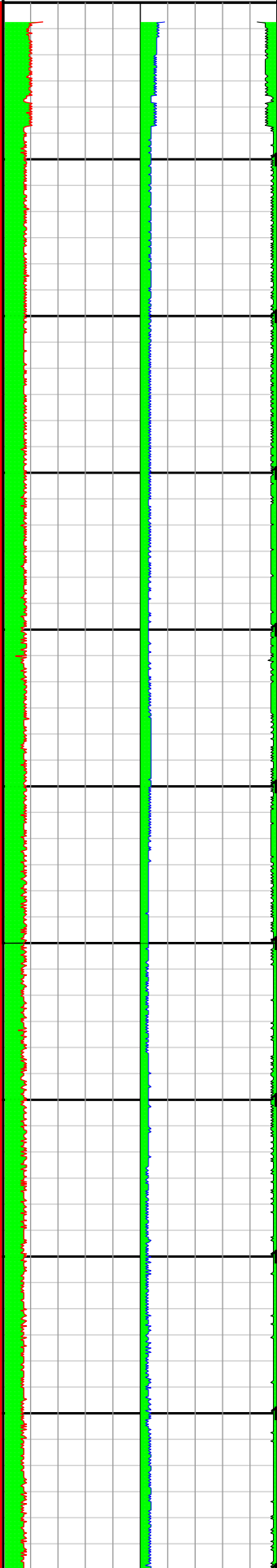
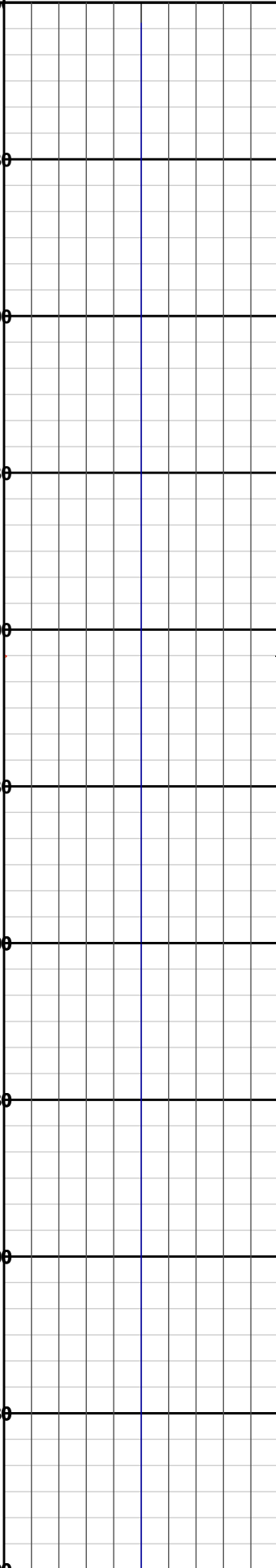
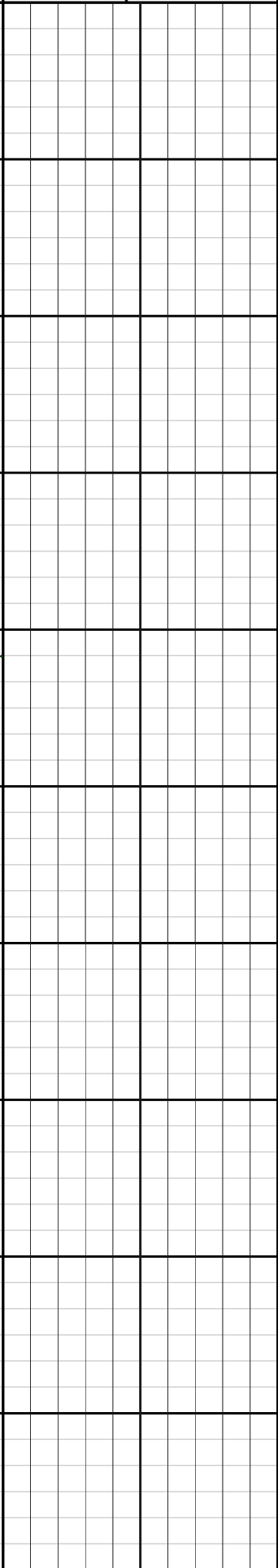
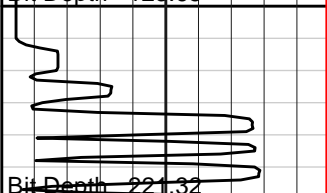
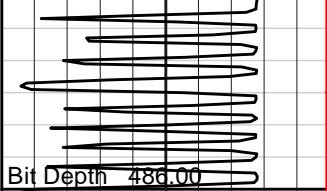
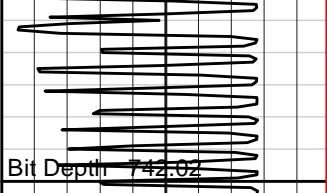
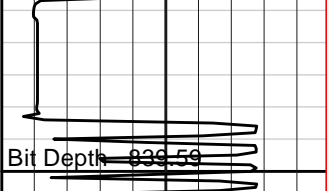
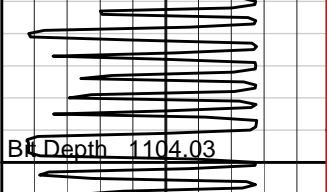
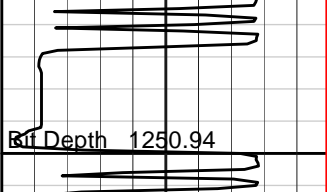
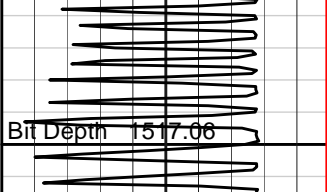
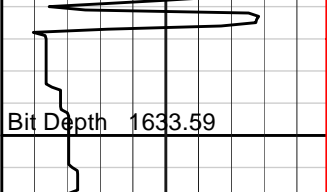
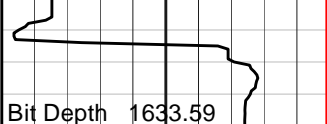


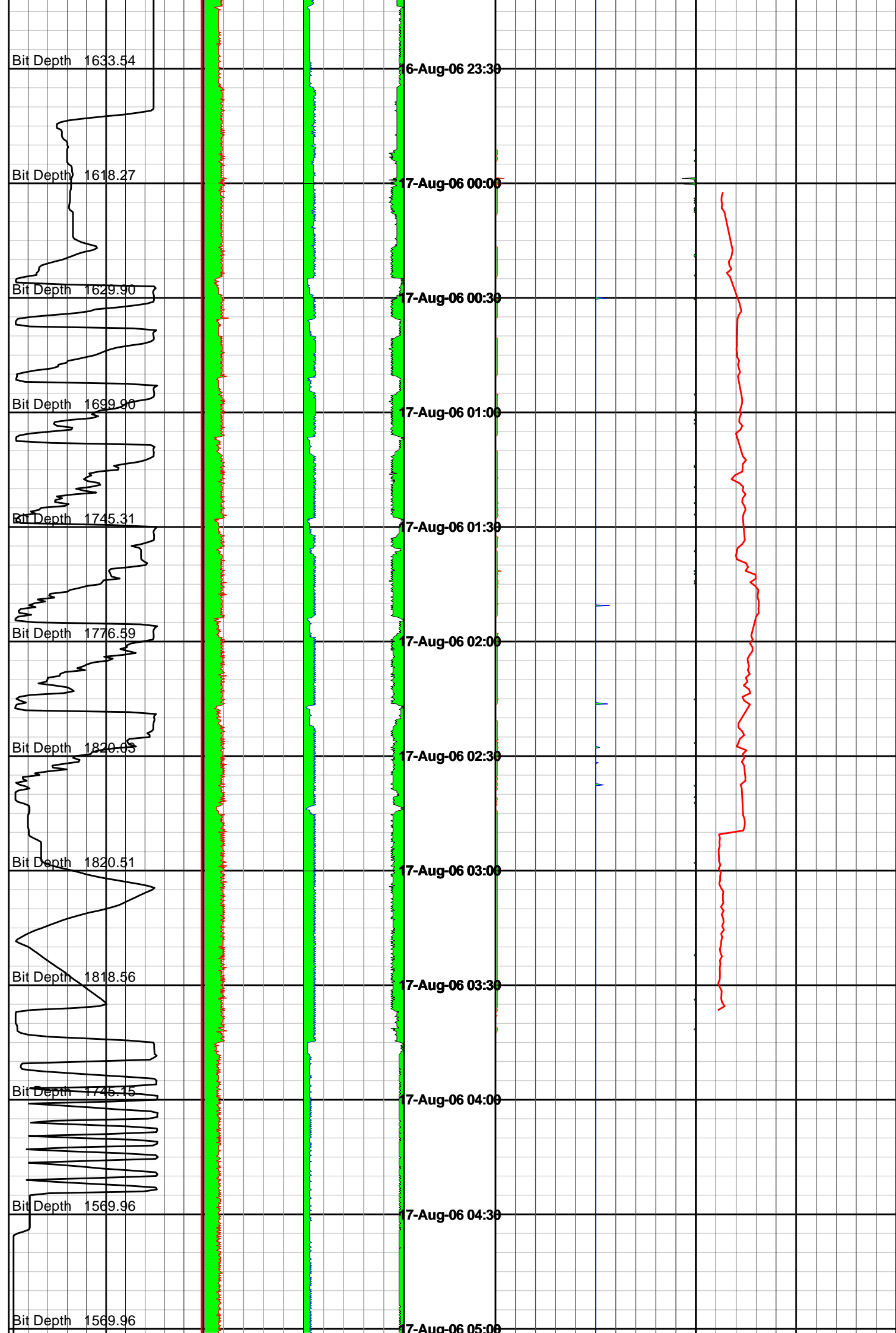
|                |    |      |    |             |      |     |             |     |
|----------------|----|------|----|-------------|------|-----|-------------|-----|
| Block Position |    | SAAX |    | Time & Date | SPAX |     | GP RPM      |     |
| 0              | 40 | 0    | 20 |             | 0    | 200 | 0           | 200 |
| metres         |    | g    |    |             | g    |     | rev per min |     |
| ROP            |    | SAAY |    |             | SPAY |     | Torque      |     |
| 200            | 0  | 20   | 0  |             | 200  | 0   | 0           | 50  |
| metre per hr   |    | g    |    |             | g    |     | foot-klb    |     |
|                |    | SAAZ |    |             | SPAZ |     | WOB         |     |
|                |    | -10  | 10 |             | -100 | 100 | 0           | 50  |
|                |    | g    |    |             | g    |     | kilo pounds |     |

DDS Log Run 700

1800 hrs 16th August 2006 - 2200 hrs 20th August 2006

|  |  |      |    |  |      |     |     |    |
|--|--|------|----|--|------|-----|-----|----|
|  |  | SAAZ |    |  | SPAZ |     | WOB |    |
|  |  | -10  | 10 |  | -100 | 100 | 0   | 50 |

| ROP  |  | g  |  |                | g   |  | kilo pounds  |  |
|--|--|--|--|----------------|---|--|--|--|
| 200  |  | SAAY   |  |                | SPAY  |  | Torque   |  |
| metre per hr   |  | g  |  |                | g   |  | foot-klb   |  |
| Block Position   |  | SAAX   |  | Time & Date    | SPAX  |  | GP RPM   |  |
| metres   |  | g  |  |                | g   |  | rev per min  |  |
|   |  |  |  | 6-Aug-06 18:00 |  |  |  |  |
| Bit Depth 123.65   |  |  |  | 6-Aug-06 18:30 |   |  |  |  |
|    |  |  |  | 6-Aug-06 19:00 |   |  |  |  |
| Bit Depth 221.32   |  |  |  | 6-Aug-06 19:30 |   |  |  |  |
|    |  |  |  | 6-Aug-06 19:30 |   |  |  |  |
| Bit Depth 486.00   |  |  |  | 6-Aug-06 20:00 |   |  |  |  |
|   |  |  |  | 6-Aug-06 20:00 |   |  |  |  |
| Bit Depth 742.02   |  |  |  | 6-Aug-06 20:30 |   |  |  |  |
|  |  |  |  | 6-Aug-06 20:30 |   |  |  |  |
| Bit Depth 839.59   |  |  |  | 6-Aug-06 21:00 |   |  |  |  |
|  |  |  |  | 6-Aug-06 21:00 |   |  |  |  |
| Bit Depth 1104.03  |  |  |  | 6-Aug-06 21:30 |   |  |  |  |
|  |  |  |  | 6-Aug-06 21:30 |   |  |  |  |
| Bit Depth 1250.94  |  |  |  | 6-Aug-06 22:00 |   |  |  |  |
|  |  |  |  | 6-Aug-06 22:00 |   |  |  |  |
| Bit Depth 1517.06  |  |  |  | 6-Aug-06 22:30 |   |  |  |  |
|  |  |  |  | 6-Aug-06 22:30 |   |  |  |  |
| Bit Depth 1633.59  |  |  |  | 6-Aug-06 23:00 |   |  |  |  |
|  |  |  |  | 6-Aug-06 23:00 |   |  |  |  |
| Bit Depth 1633.59  |  |  |  |                |   |  |  |  |



Bit Depth 1569.96

17-Aug-06 05:30

Bit Depth 1569.96

17-Aug-06 06:00

Bit Depth 1569.92

17-Aug-06 06:30

Bit Depth 1668.34

17-Aug-06 07:00

Bit Depth 1783.53

17-Aug-06 07:30

Bit Depth 1862.53

17-Aug-06 08:00

Bit Depth 1878.13

17-Aug-06 08:30

Bit Depth 1878.54

17-Aug-06 09:00

Bit Depth 1880.32

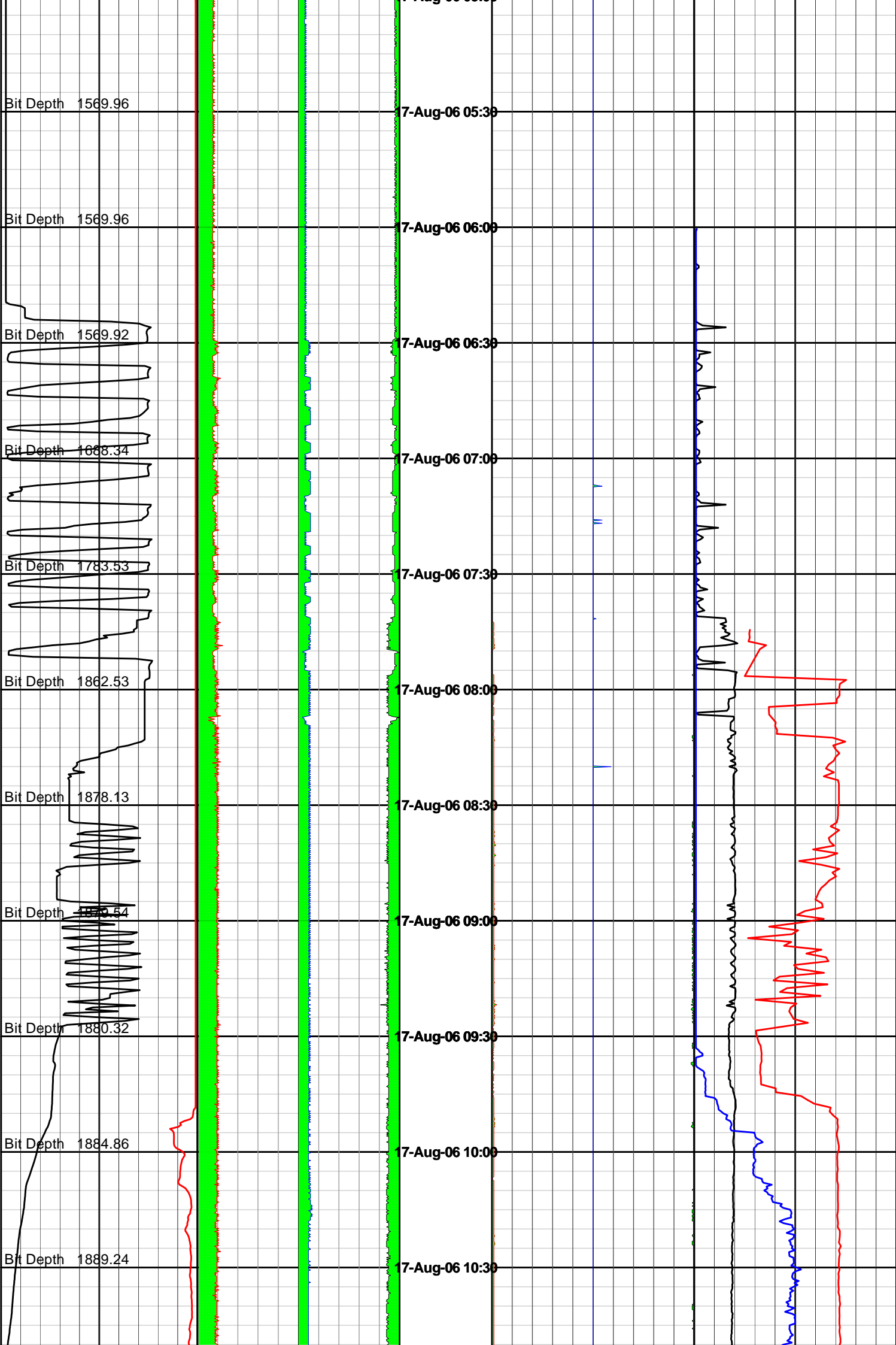
17-Aug-06 09:30

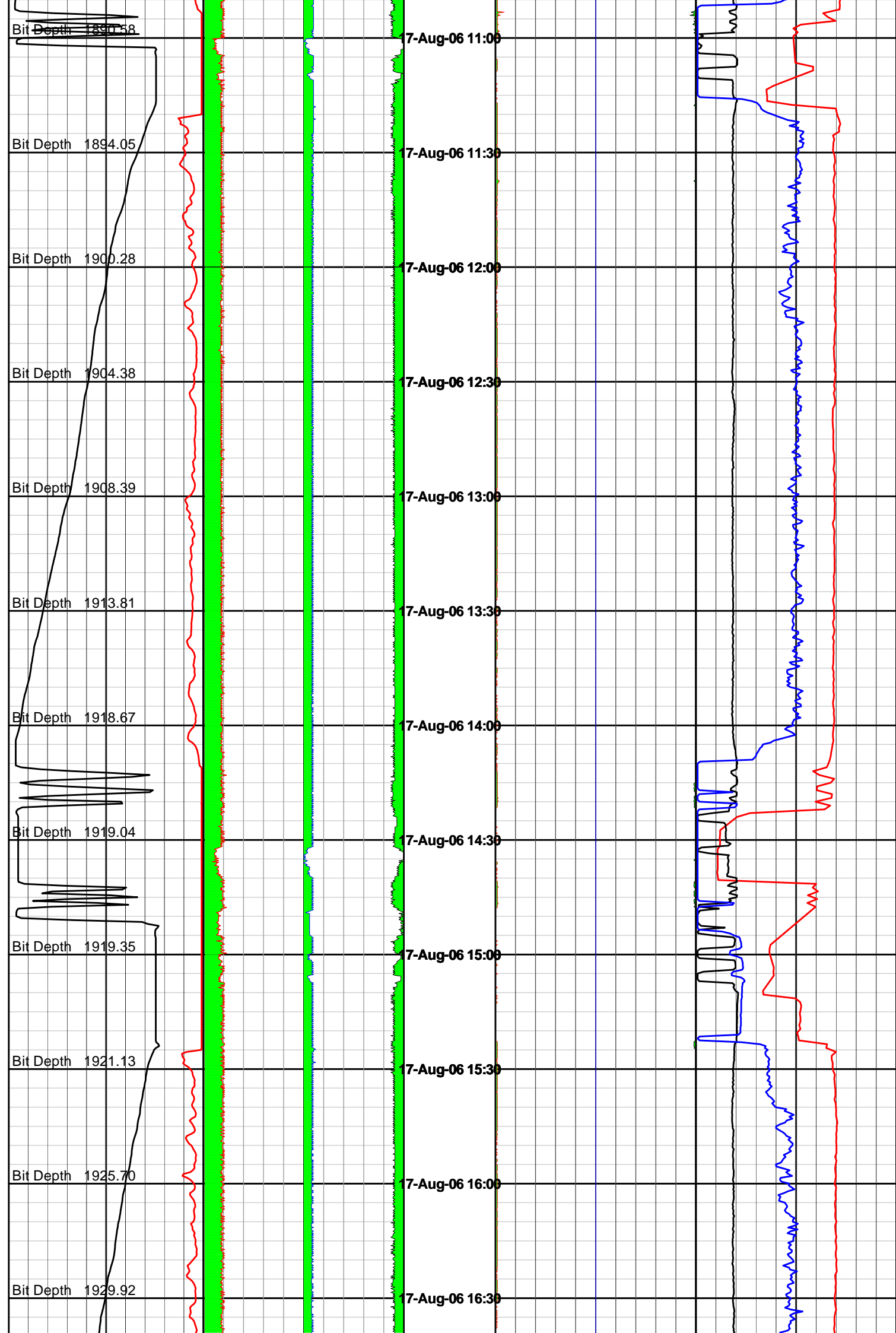
Bit Depth 1884.86

17-Aug-06 10:00

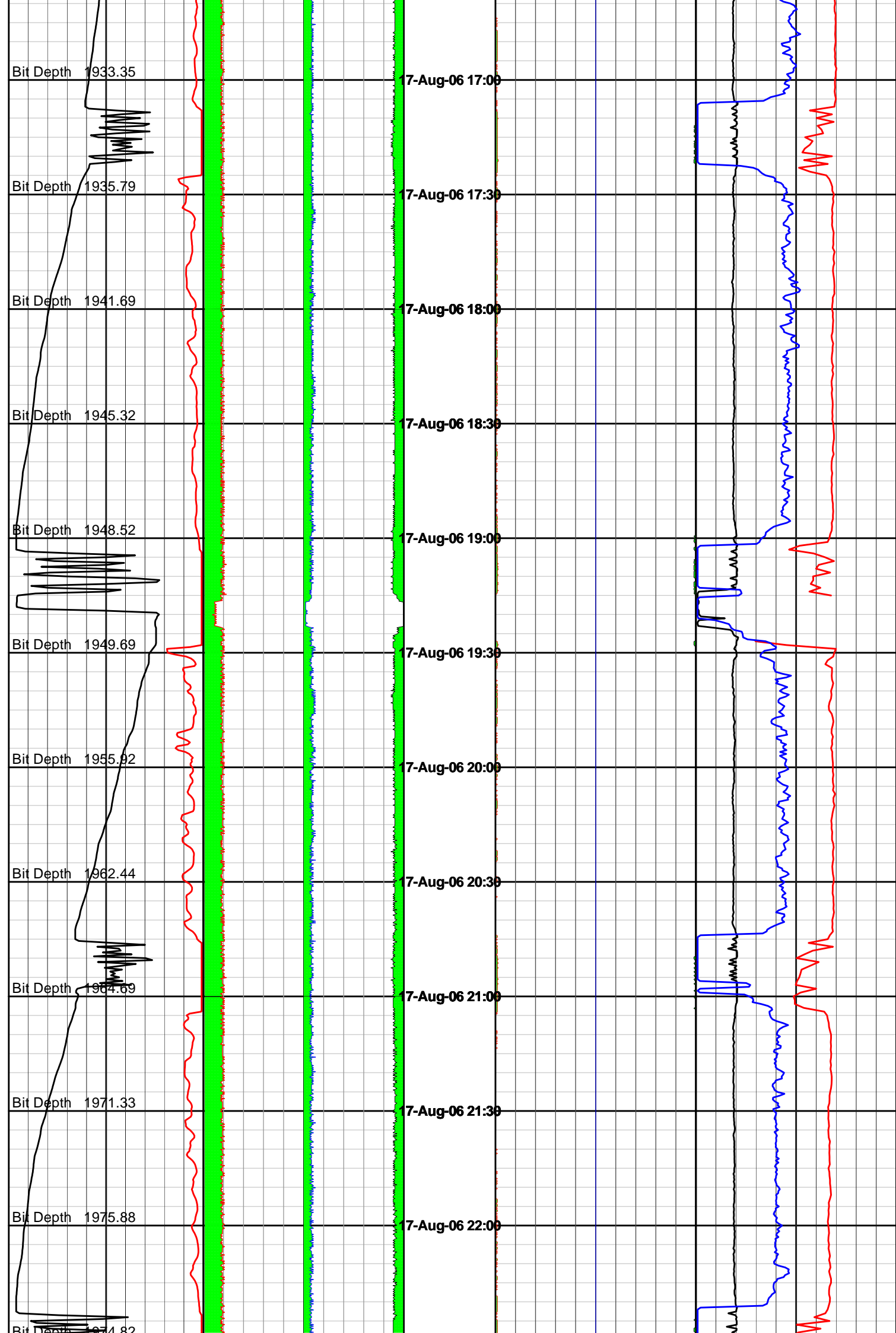
Bit Depth 1889.24

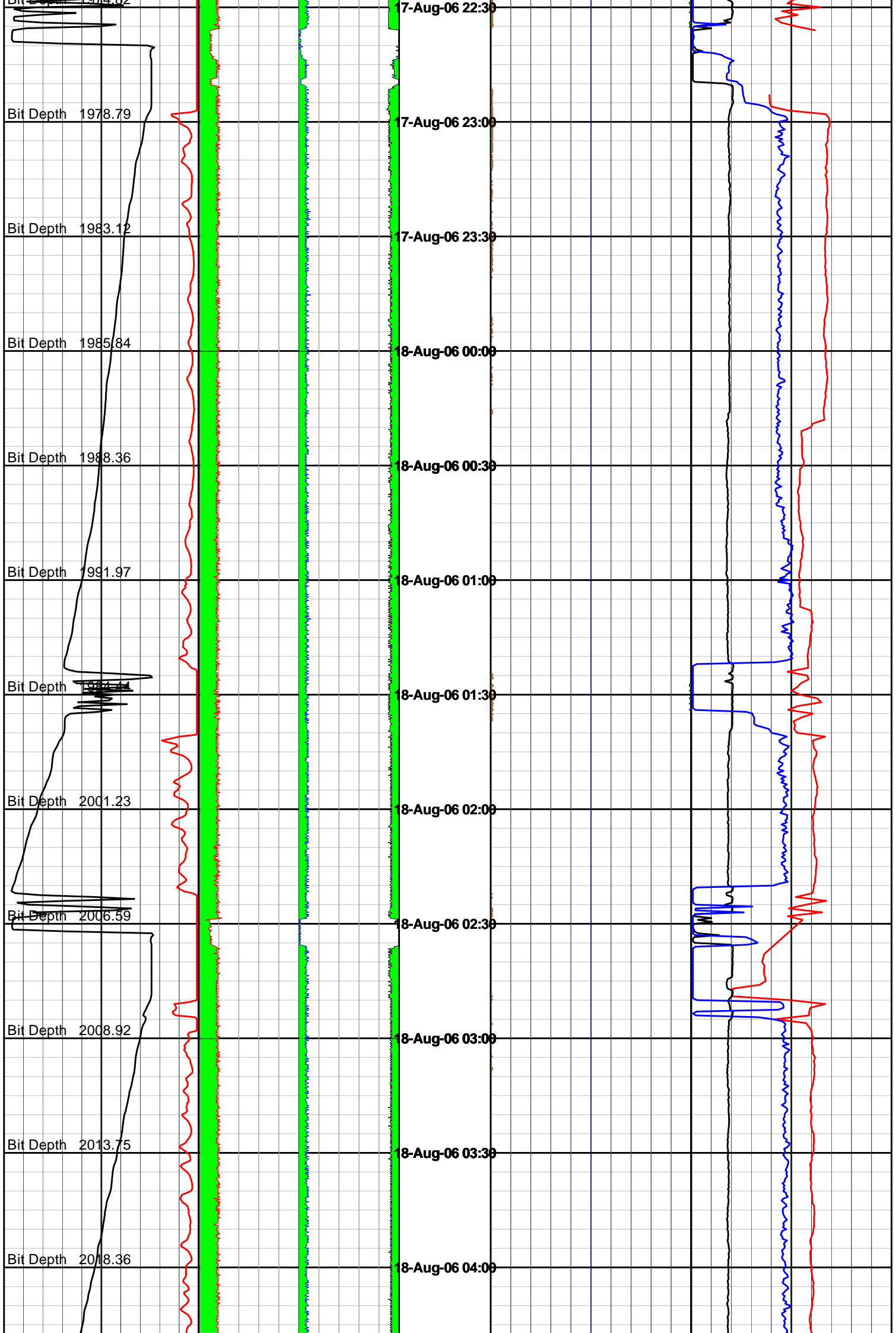
17-Aug-06 10:30

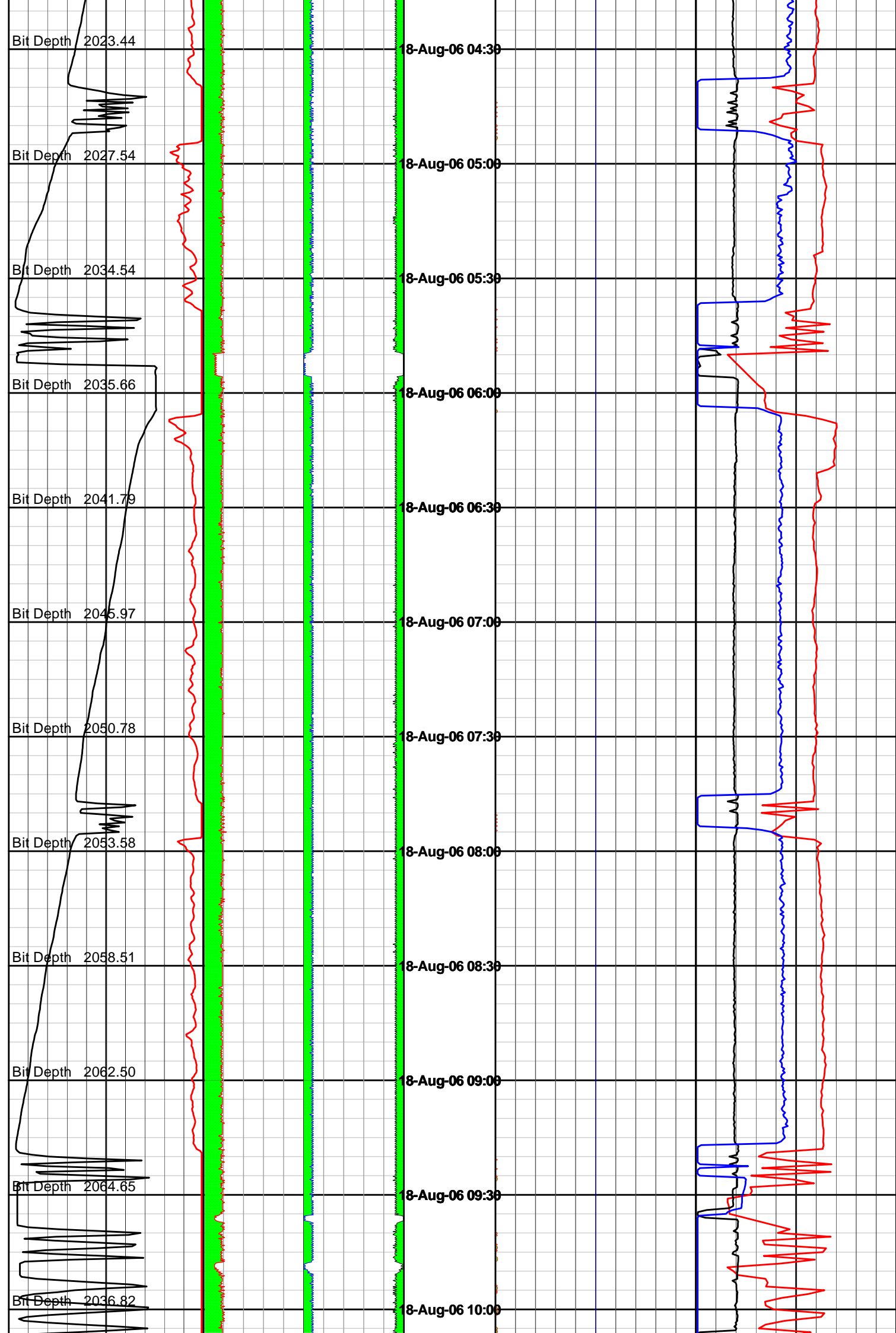


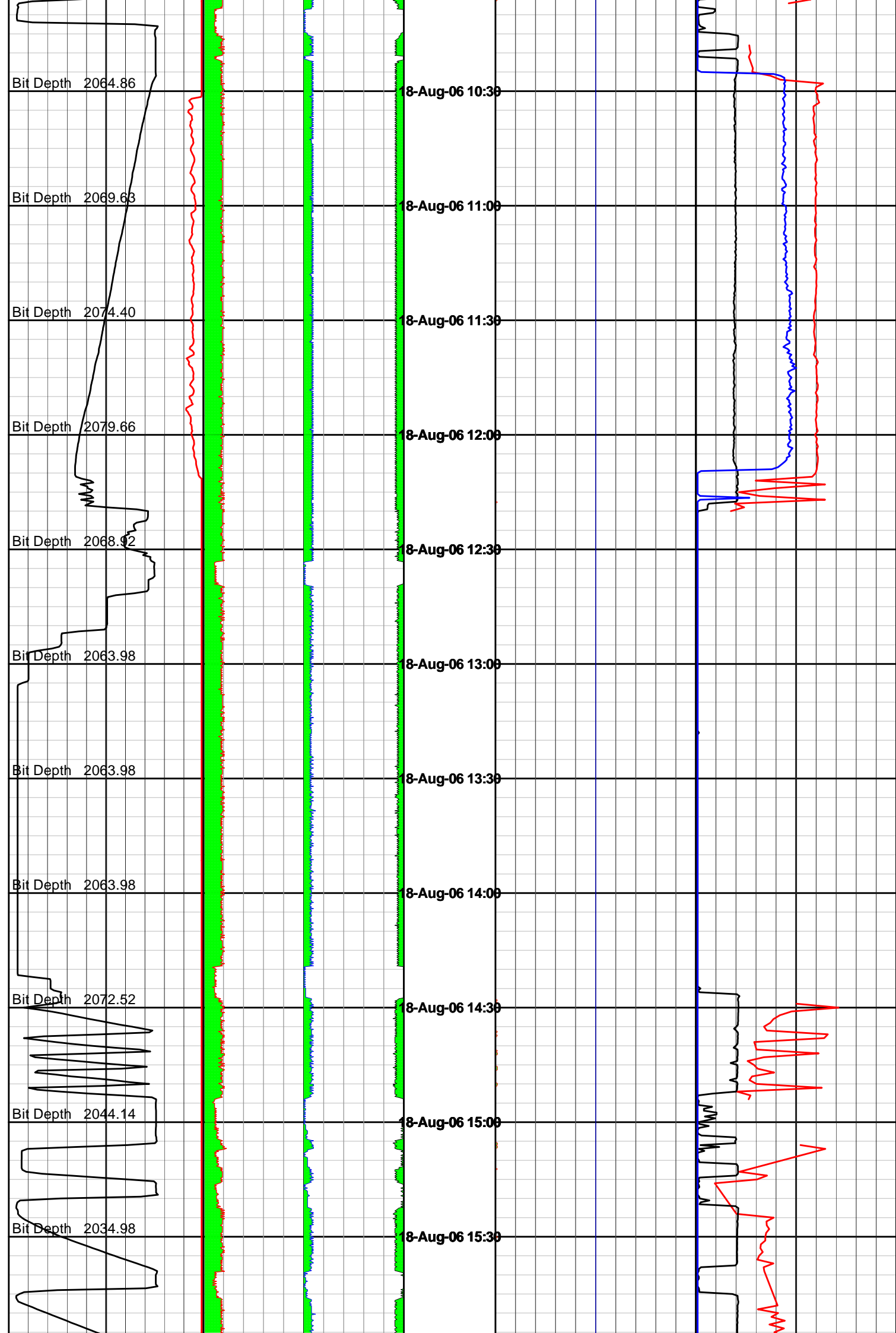


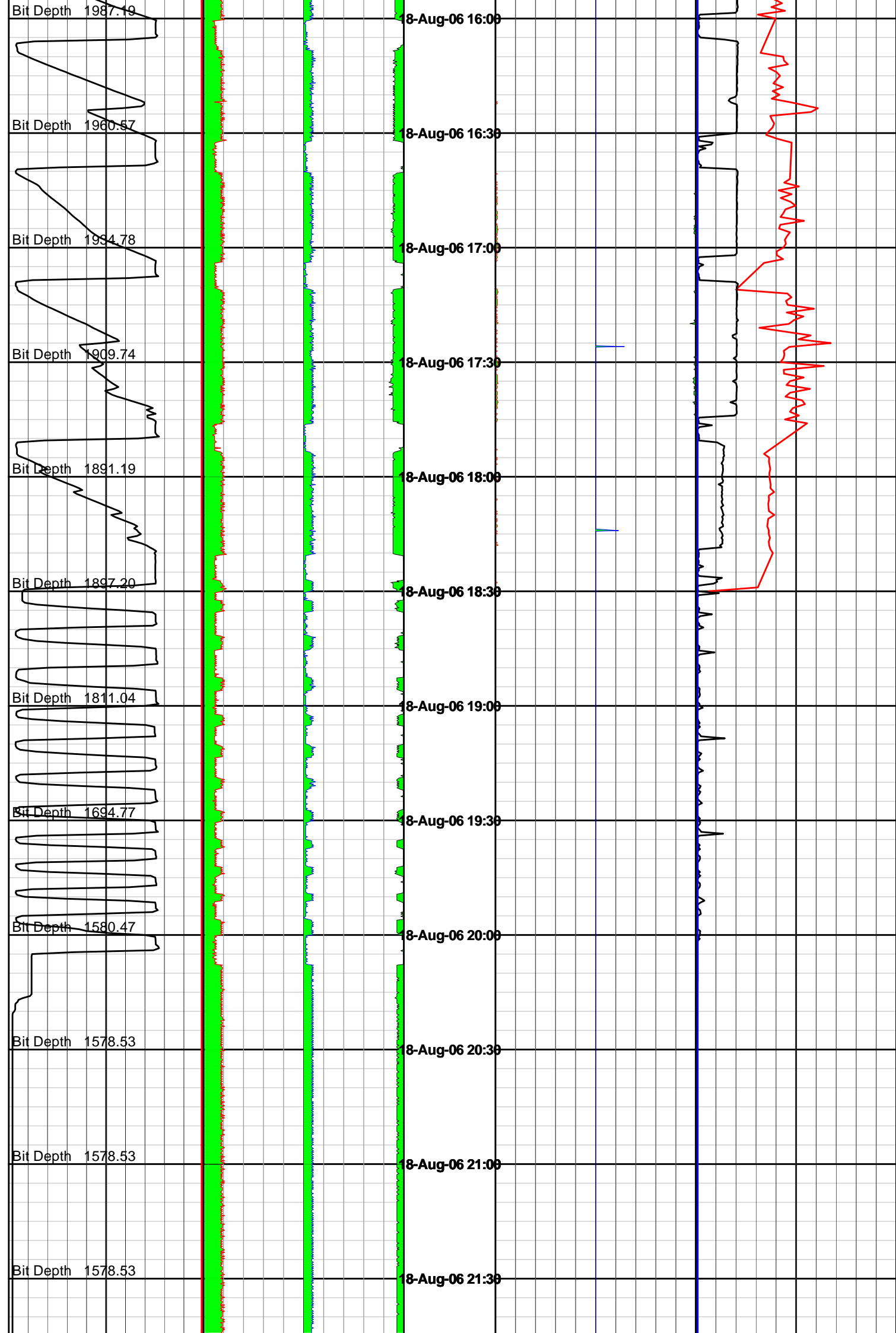












Bit Depth 1578.53

18-Aug-06 22:00

Bit Depth 1578.53

18-Aug-06 22:30

Bit Depth 1578.53

18-Aug-06 23:00

Bit Depth 1578.53

18-Aug-06 23:30

Bit Depth 1578.53

19-Aug-06 00:00

Bit Depth 1578.53

19-Aug-06 00:30

Bit Depth 1578.53

19-Aug-06 01:00

Bit Depth 1597.40

19-Aug-06 01:30

Bit Depth 1568.28

19-Aug-06 02:00

Bit Depth 1568.28

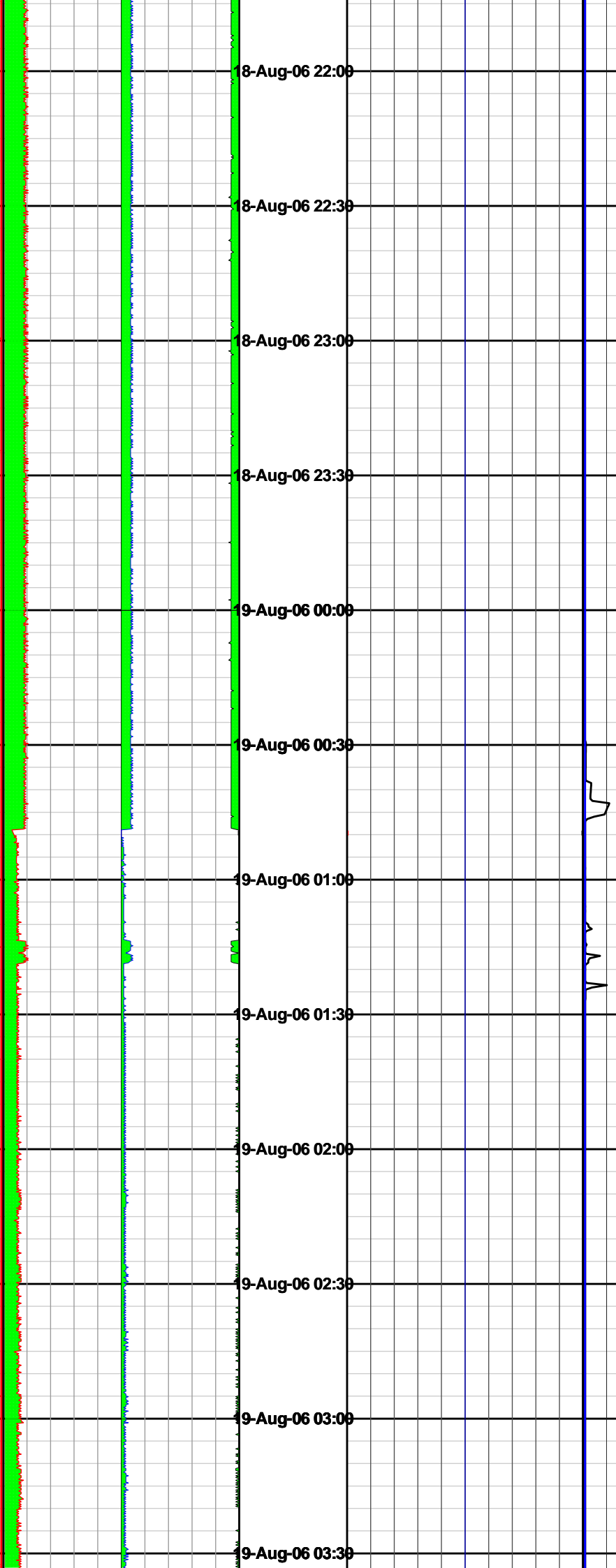
19-Aug-06 02:30

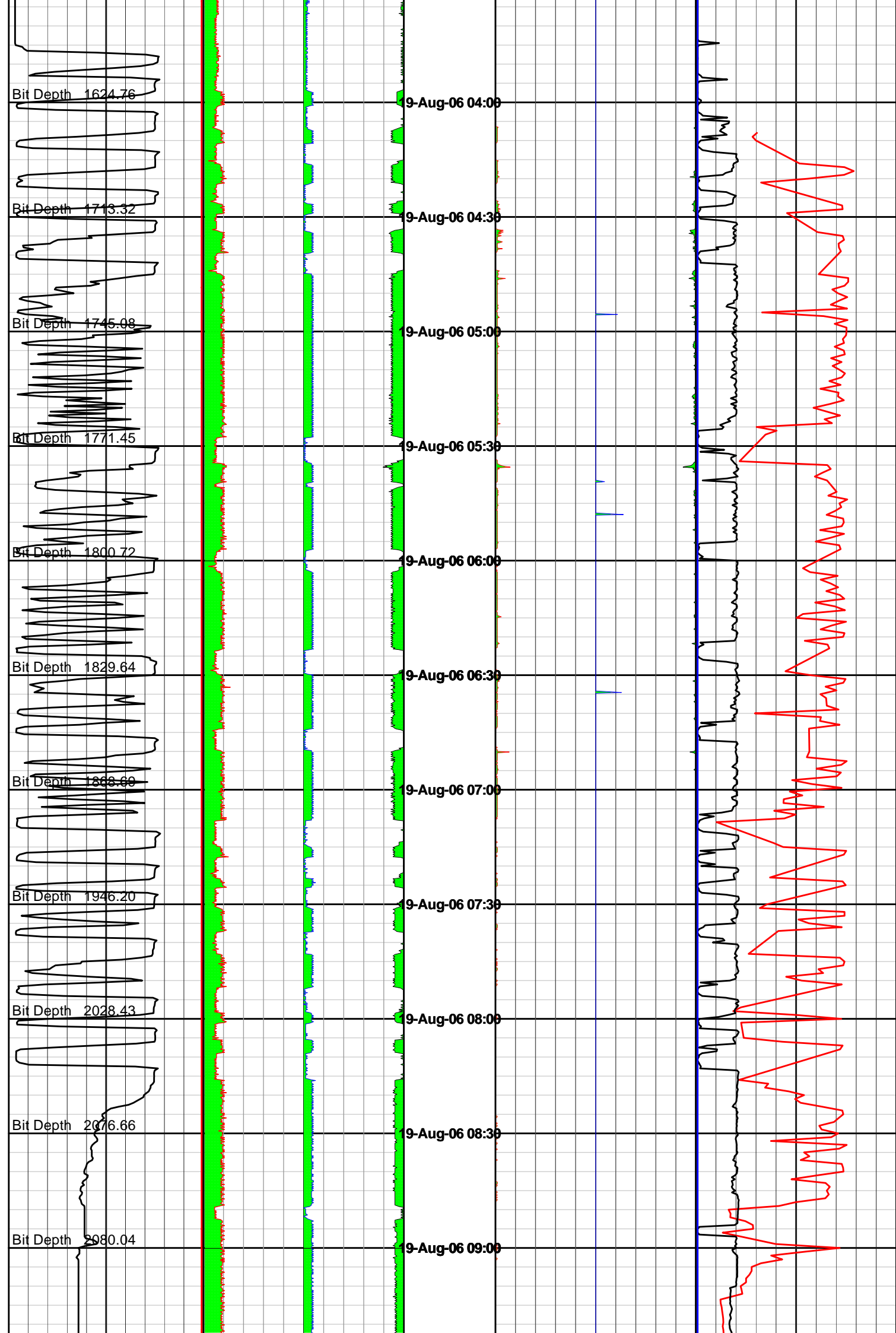
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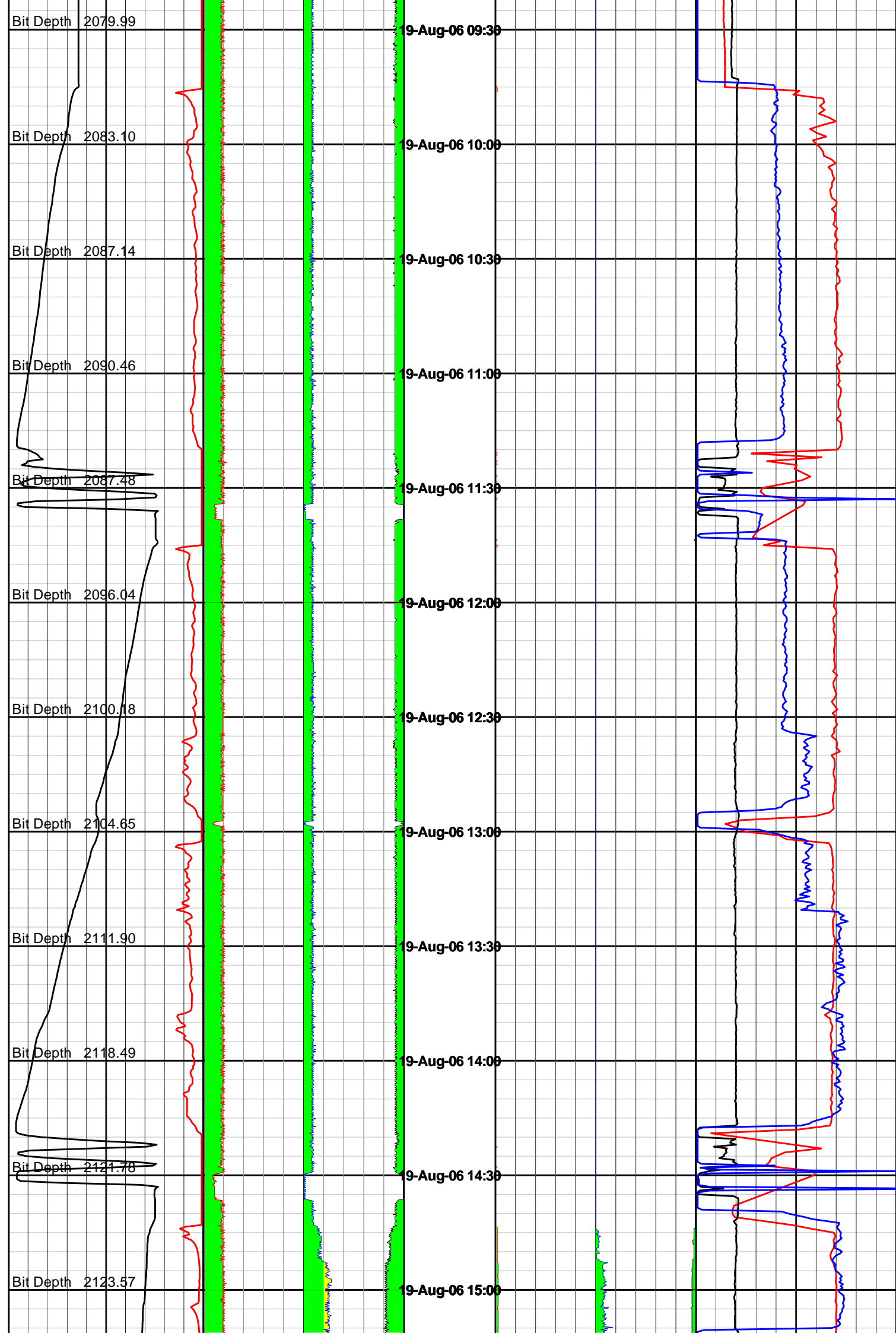
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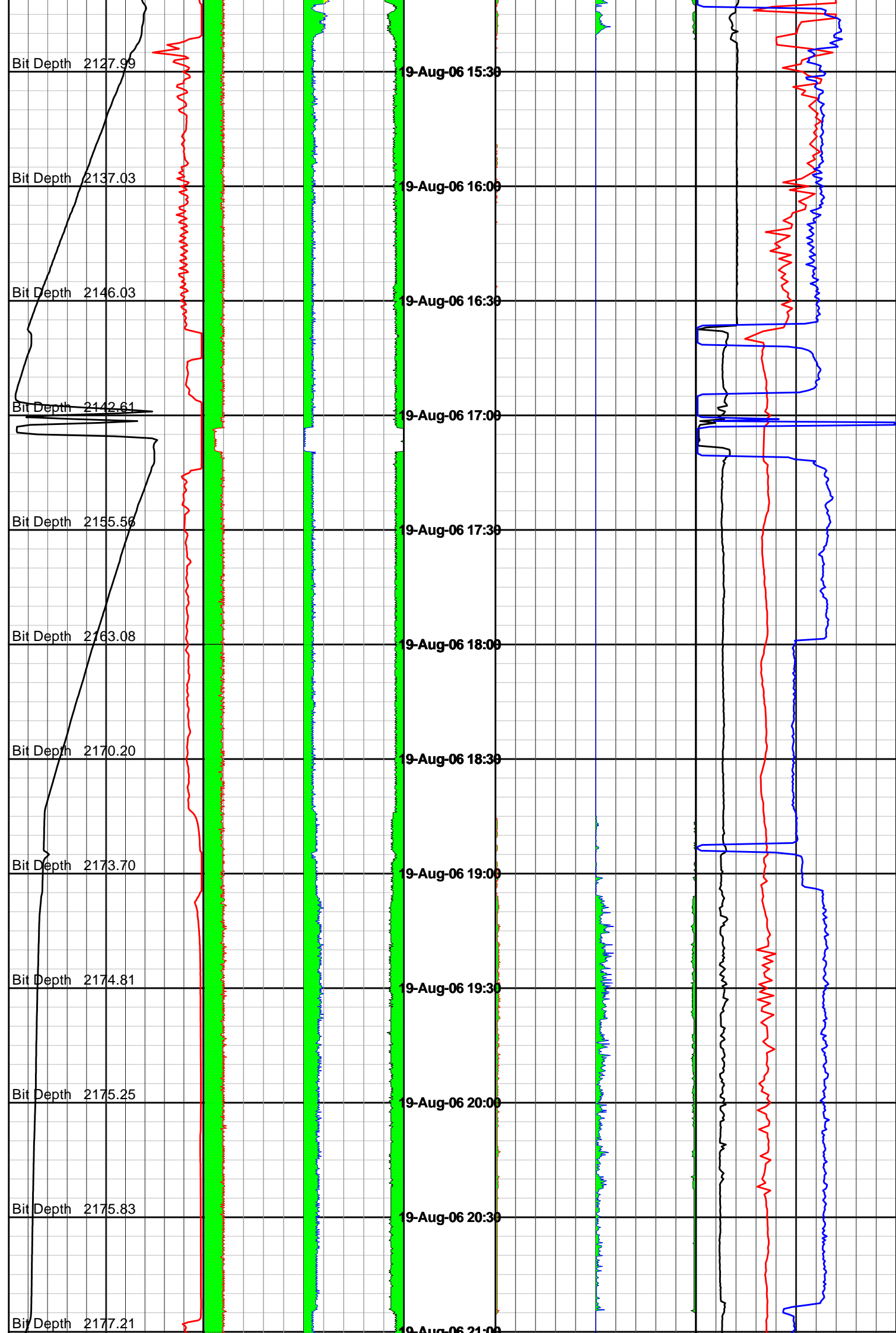
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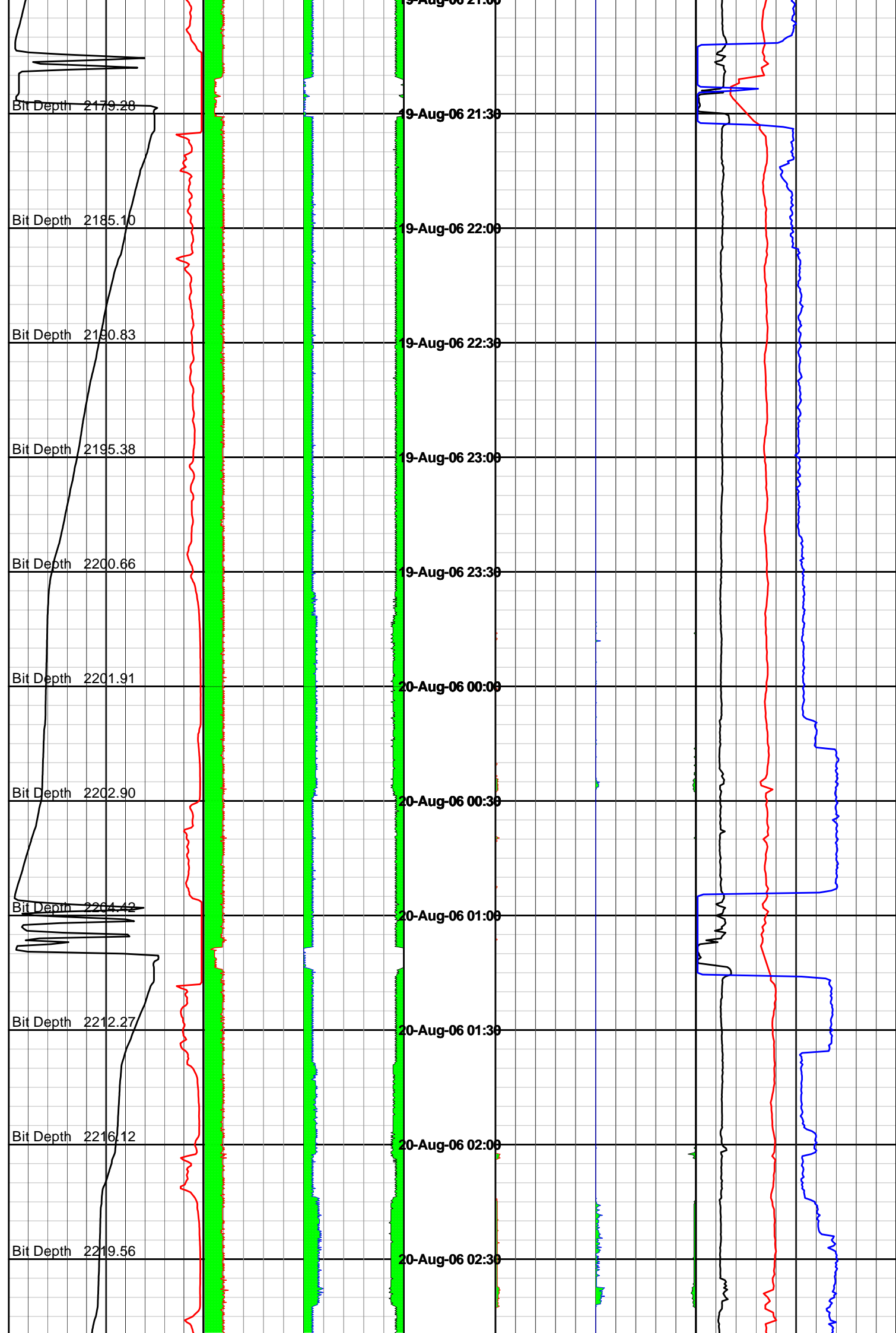


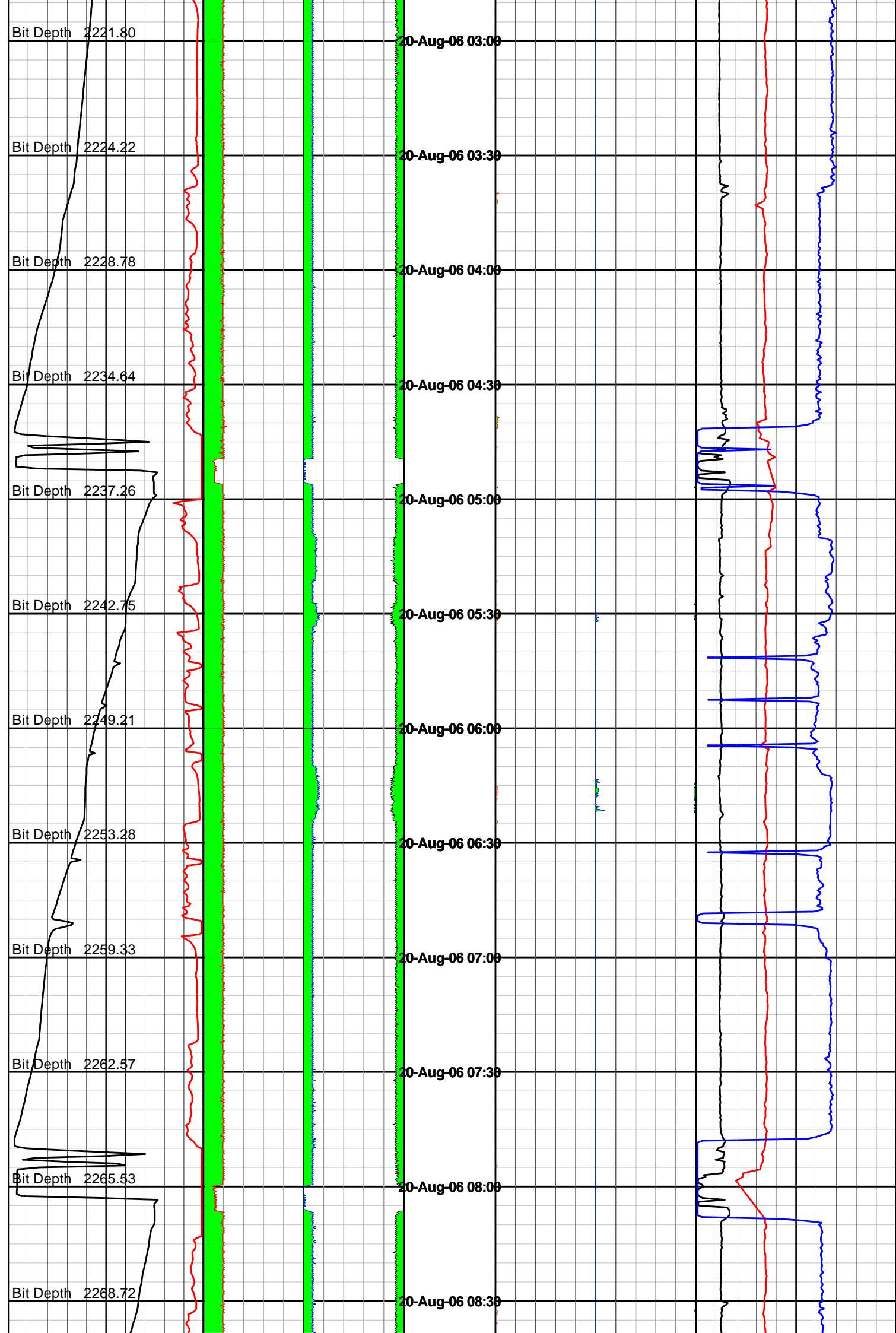


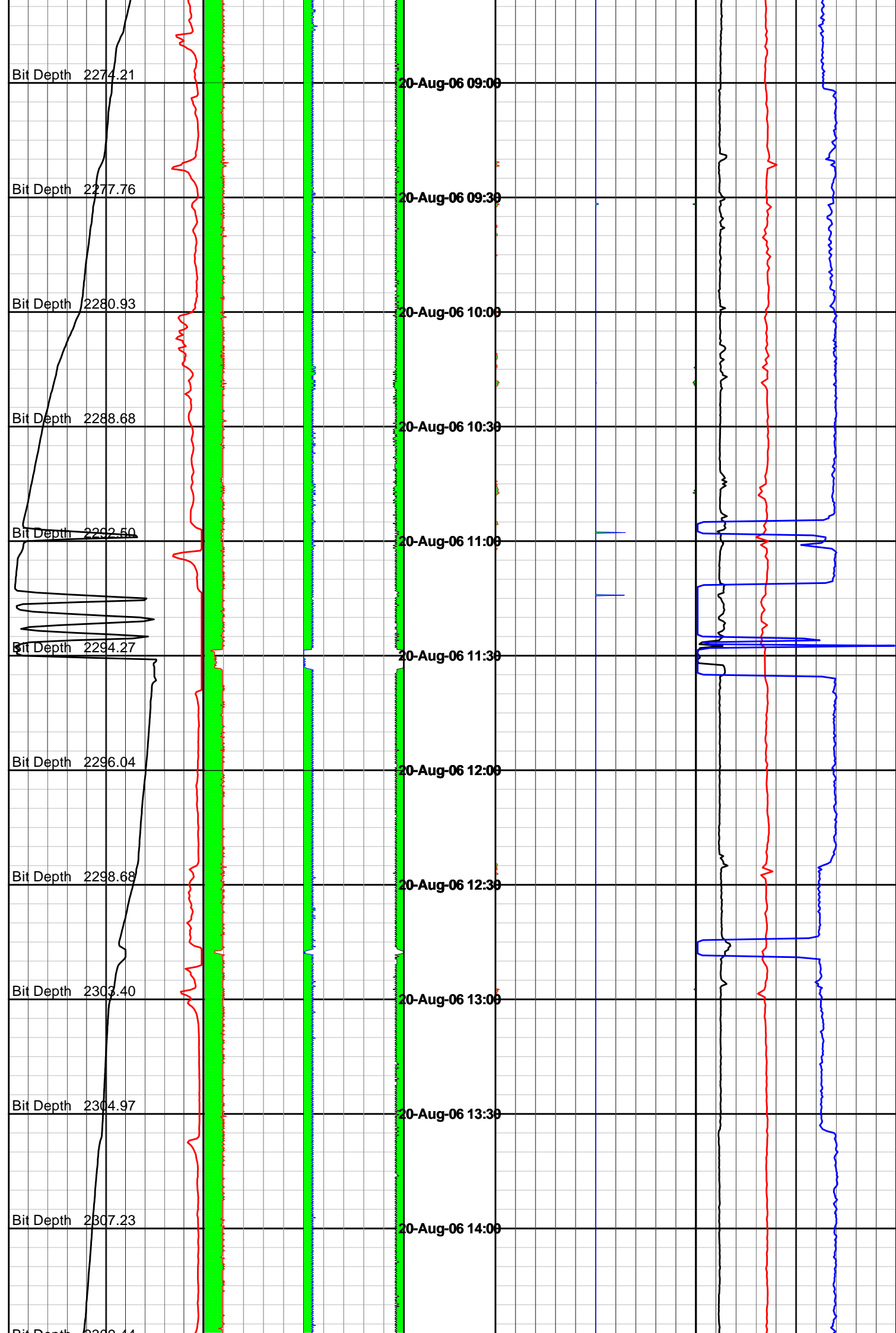


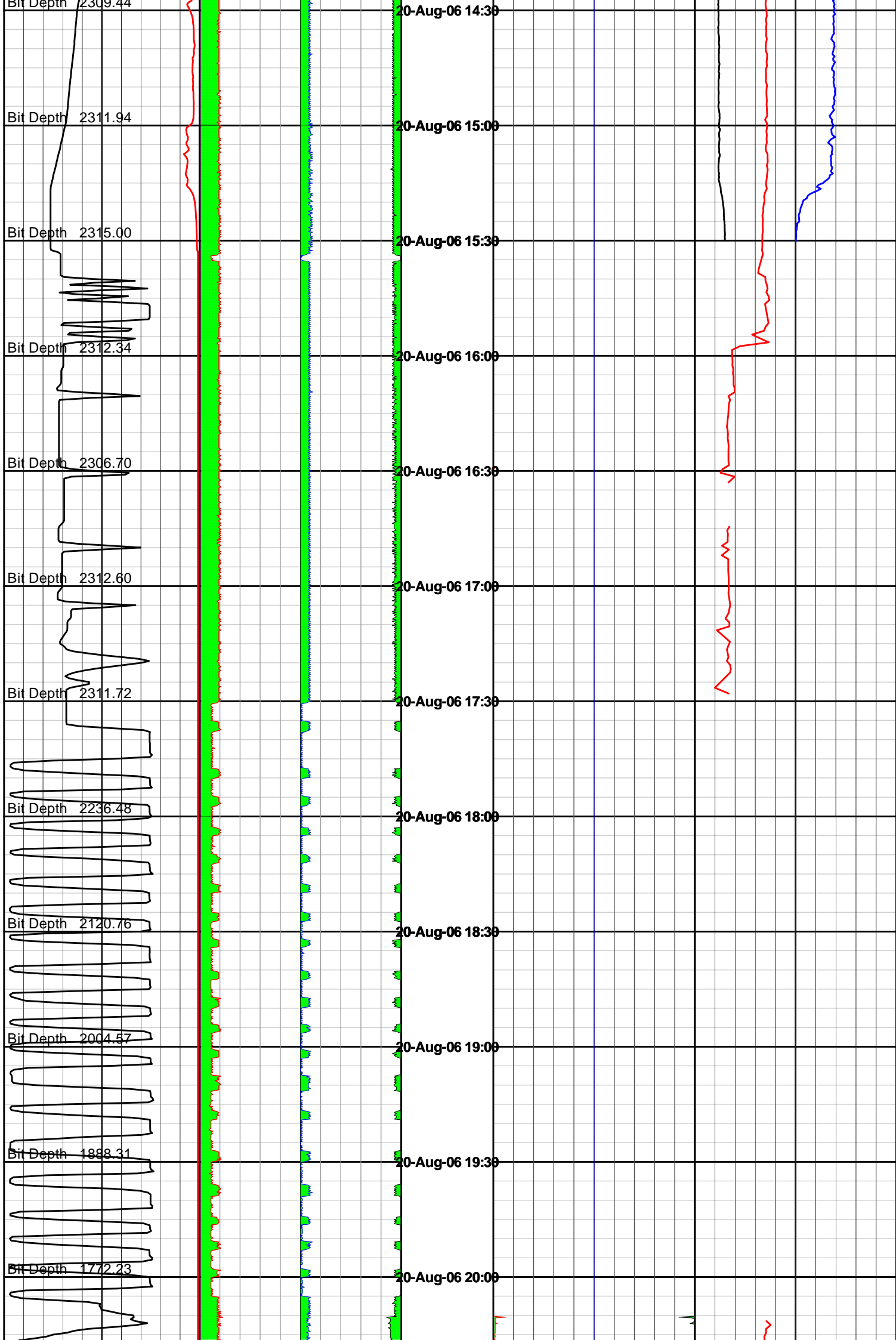


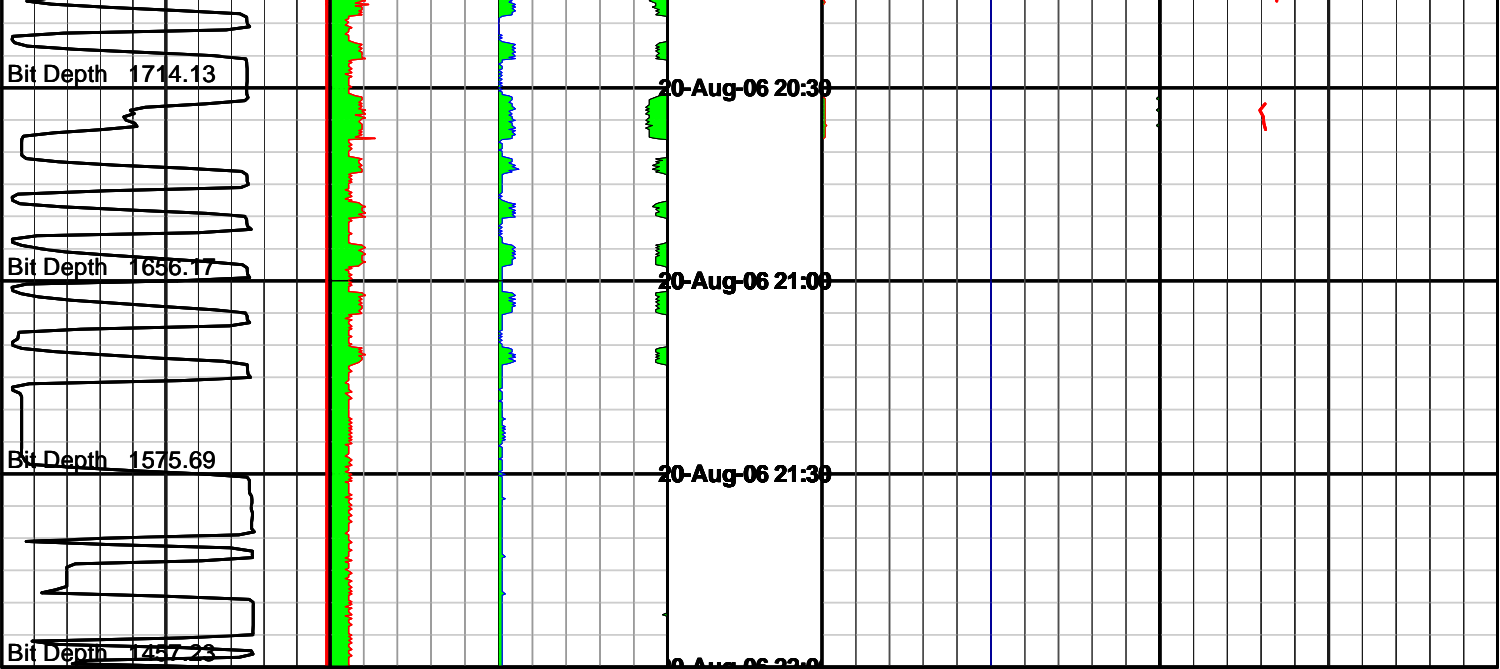












|                |    |      |    |             |      |             |             |     |
|----------------|----|------|----|-------------|------|-------------|-------------|-----|
| Block Position |    | SAAX |    | Time & Date | SPAX |             | GP RPM      |     |
| 0              | 40 | 0    | 20 |             | 0    | 200         | 0           | 200 |
| metres         |    | g    |    |             | g    |             | rev per min |     |
| ROP            |    | SAAY |    |             | SPAY |             | Torque      |     |
| 200            | 0  | 20   | 0  |             | 200  | 0           | 0           | 50  |
| metre per hr   |    | g    |    |             | g    |             | foot-klb    |     |
|                |    | SAAZ |    |             | SPAZ |             | WOB         |     |
|                |    | -10  | 10 |             | -100 | 100         | 0           | 50  |
|                |    | g    |    | g           |      | kilo pounds |             |     |