



# Electronic Drilling Recorder

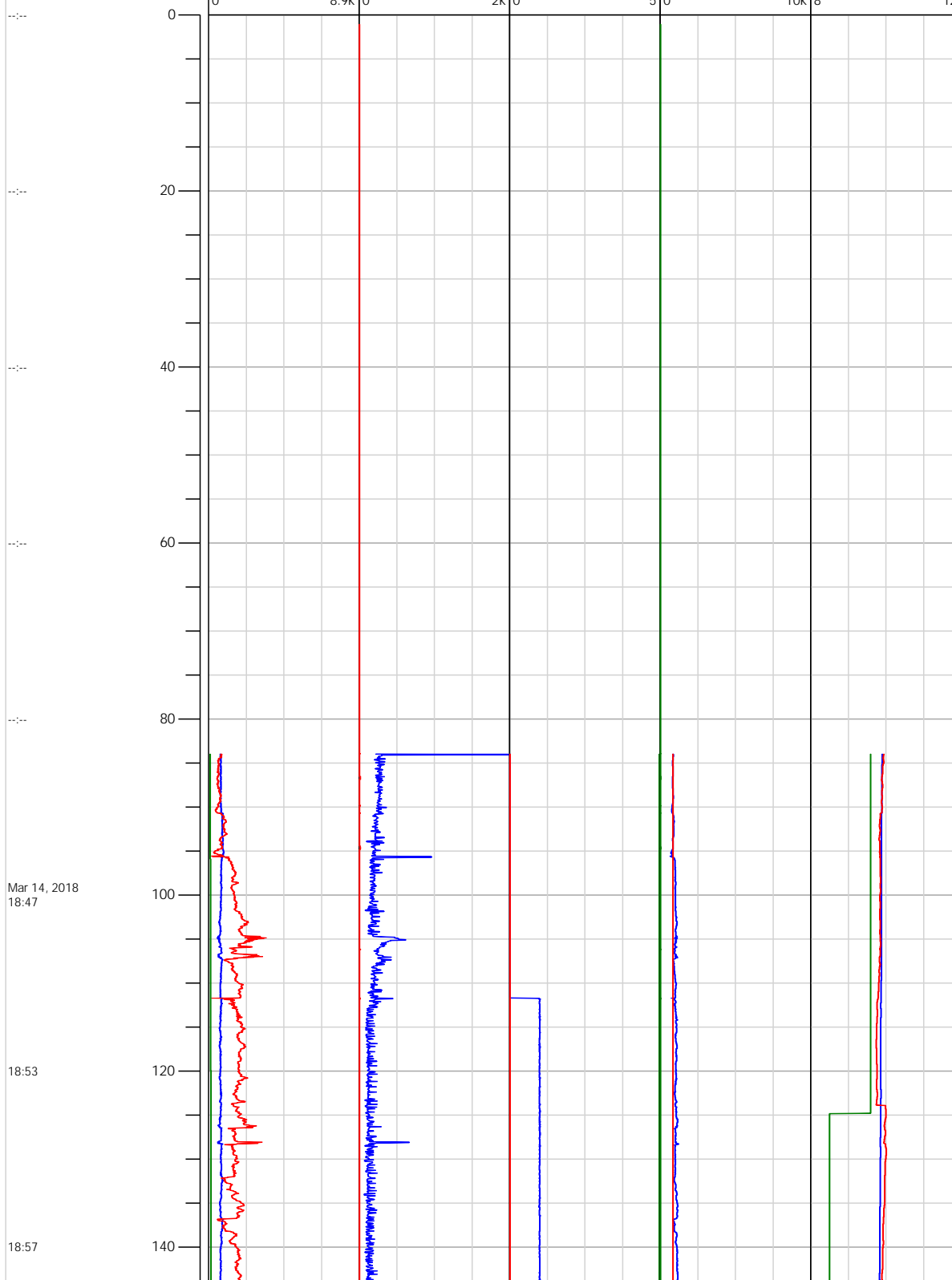
**Operator:** Laramie Energy  
**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Nichols 24-12W  
**Rig:** 290

**Location:**

Depth in ft (1:200)

Notes



0.00: Deviation Survey  
 0.00 ft, Deviation 0 deg,  
 Direction 0 deg  
 1.00: Rig Floor set Hole  
 Depth from 1.00 ft to  
 84.00 ft  
 1.00: Rig Floor set Bit  
 Position from 1.00 ft to  
 84.00 ft  
  
 84.00: Rig Floor set Bit  
 Position from 84.00 ft to  
 75.00 ft

Mar 14, 2018  
 18:47

18:53

18:57



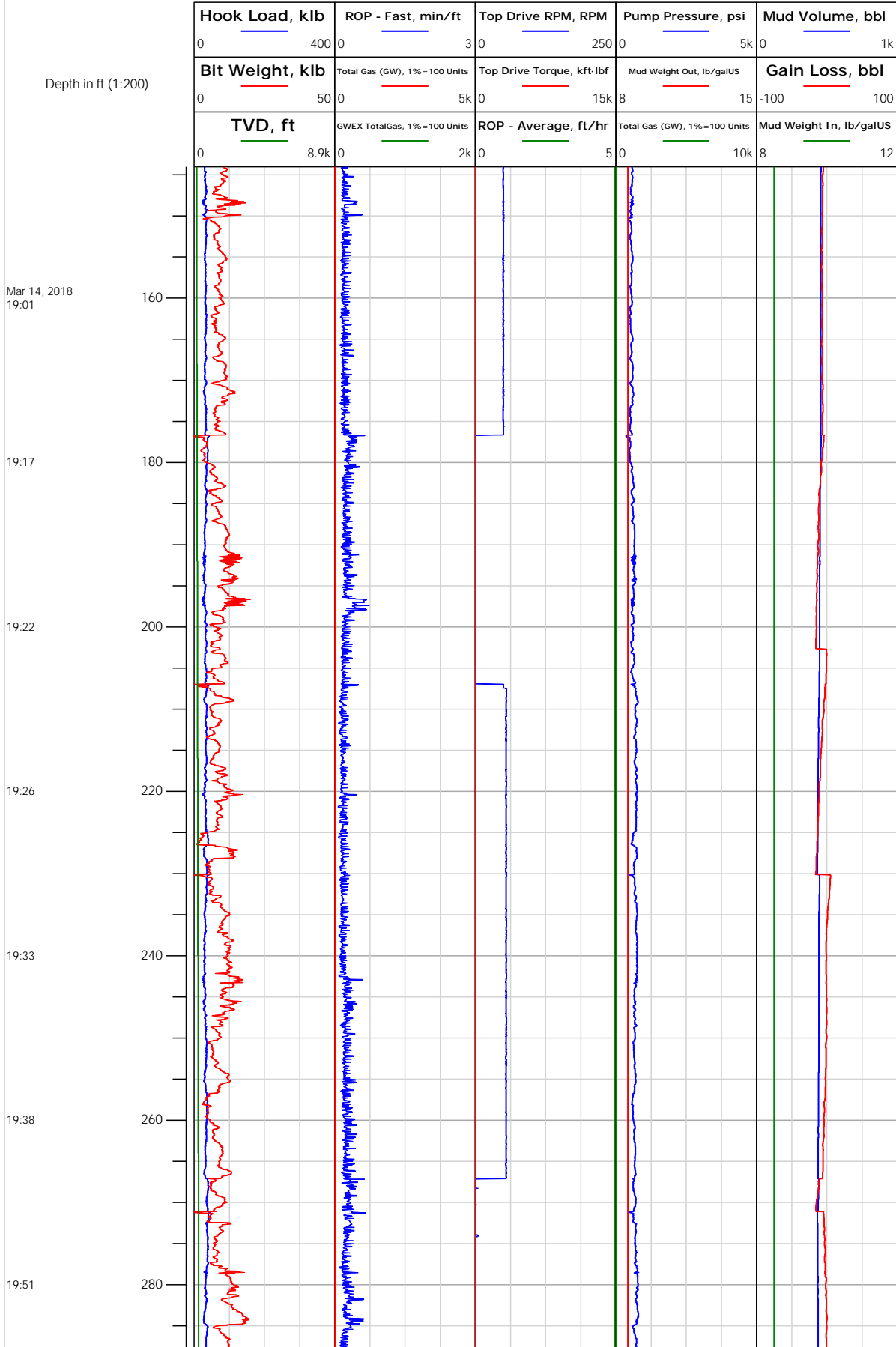
## Electronic Drilling Recorder

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Well Name: Nichols 24-12W  
Rig: 290

Location:

Notes







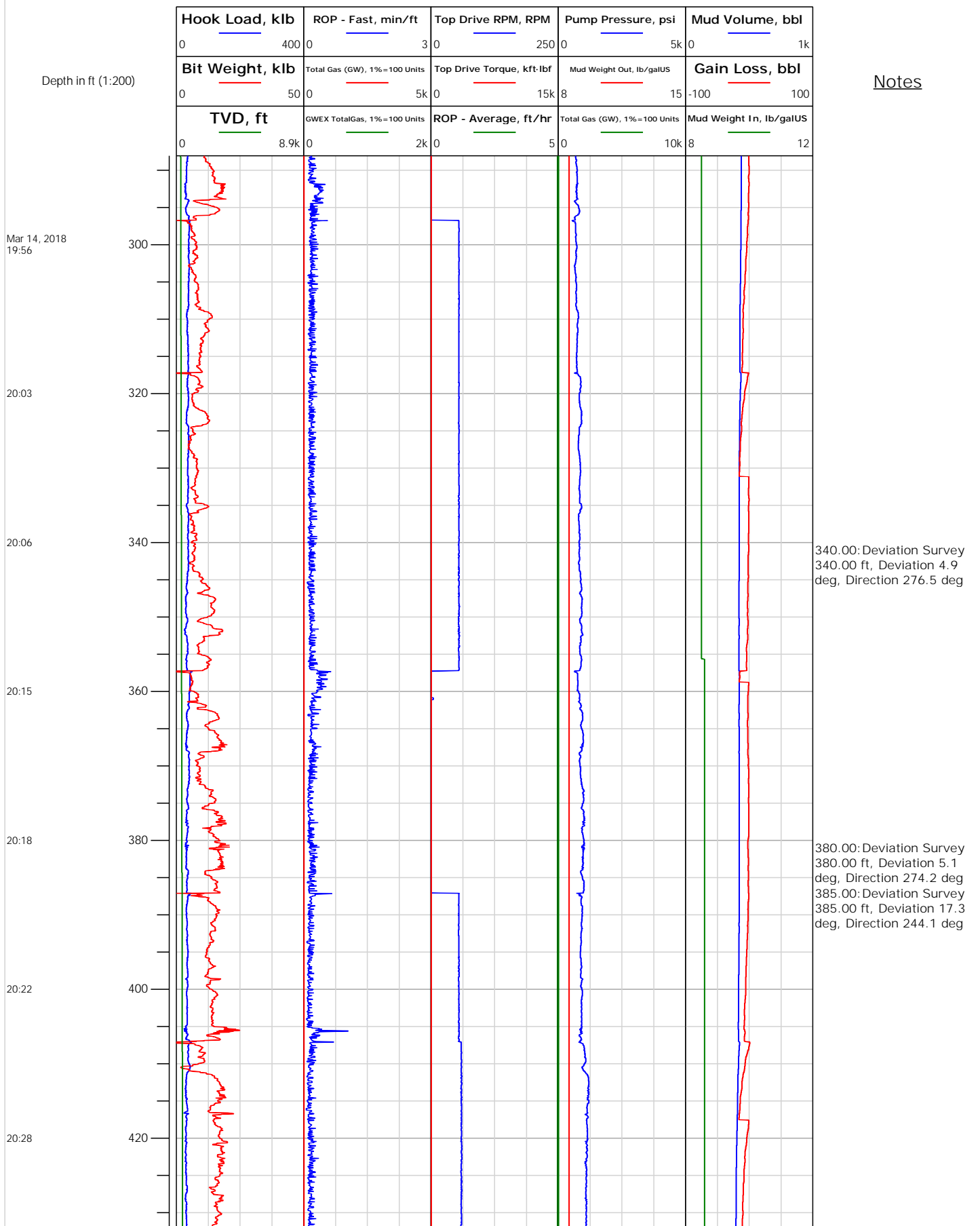
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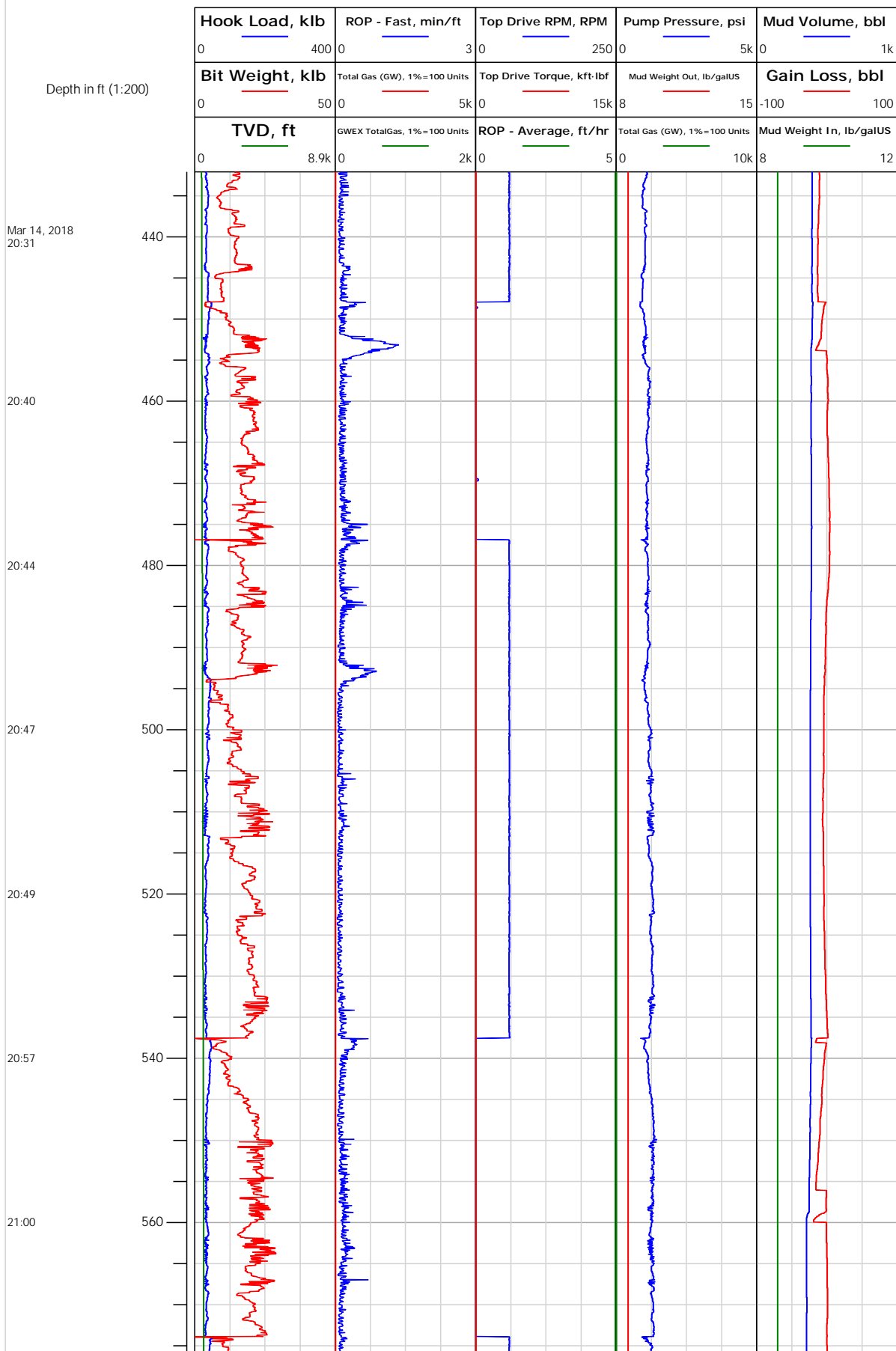
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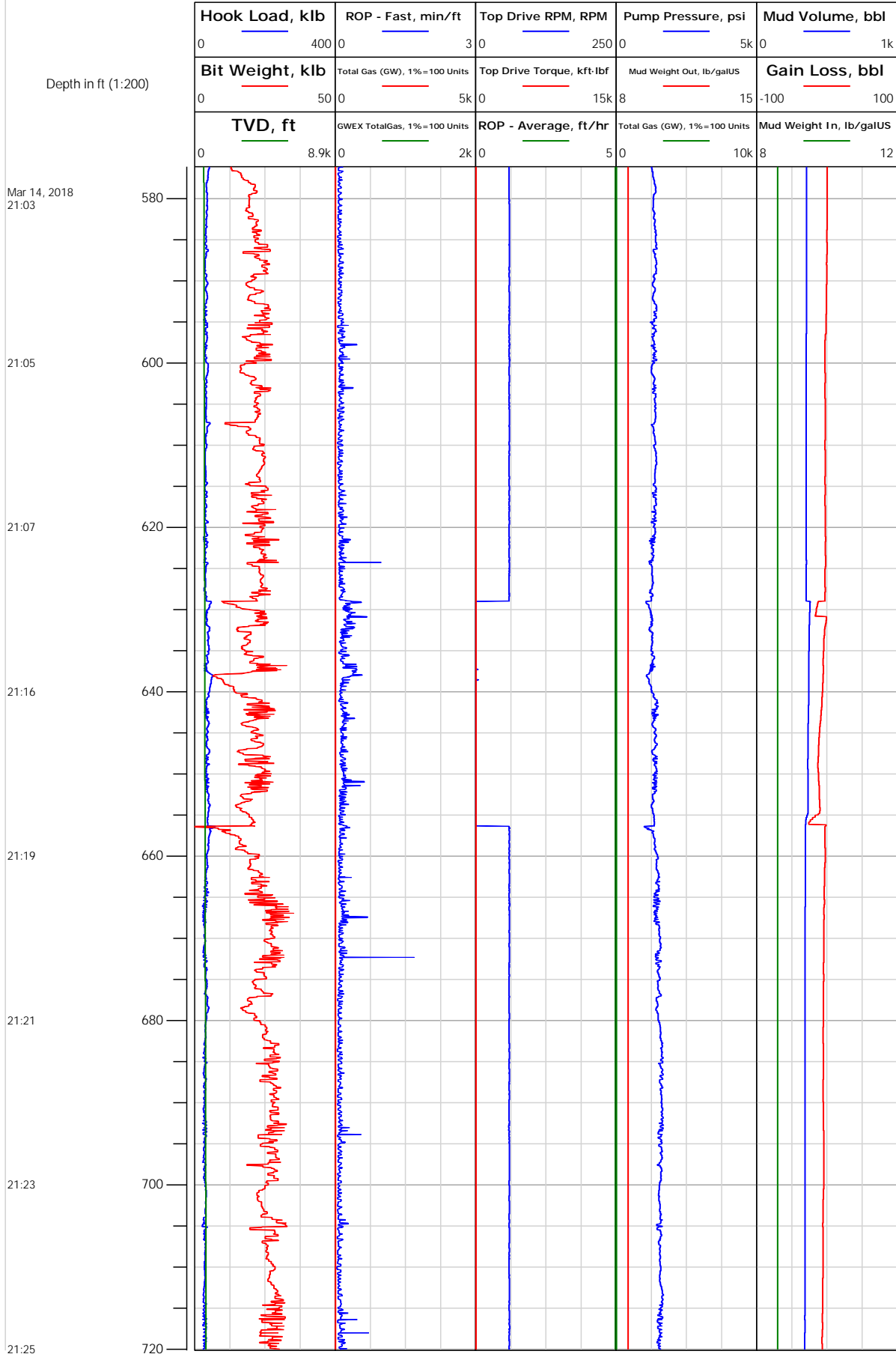
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**Location:**

## Notes

Depth in ft (1:200)

Mar 14, 2018  
21:33

21:36

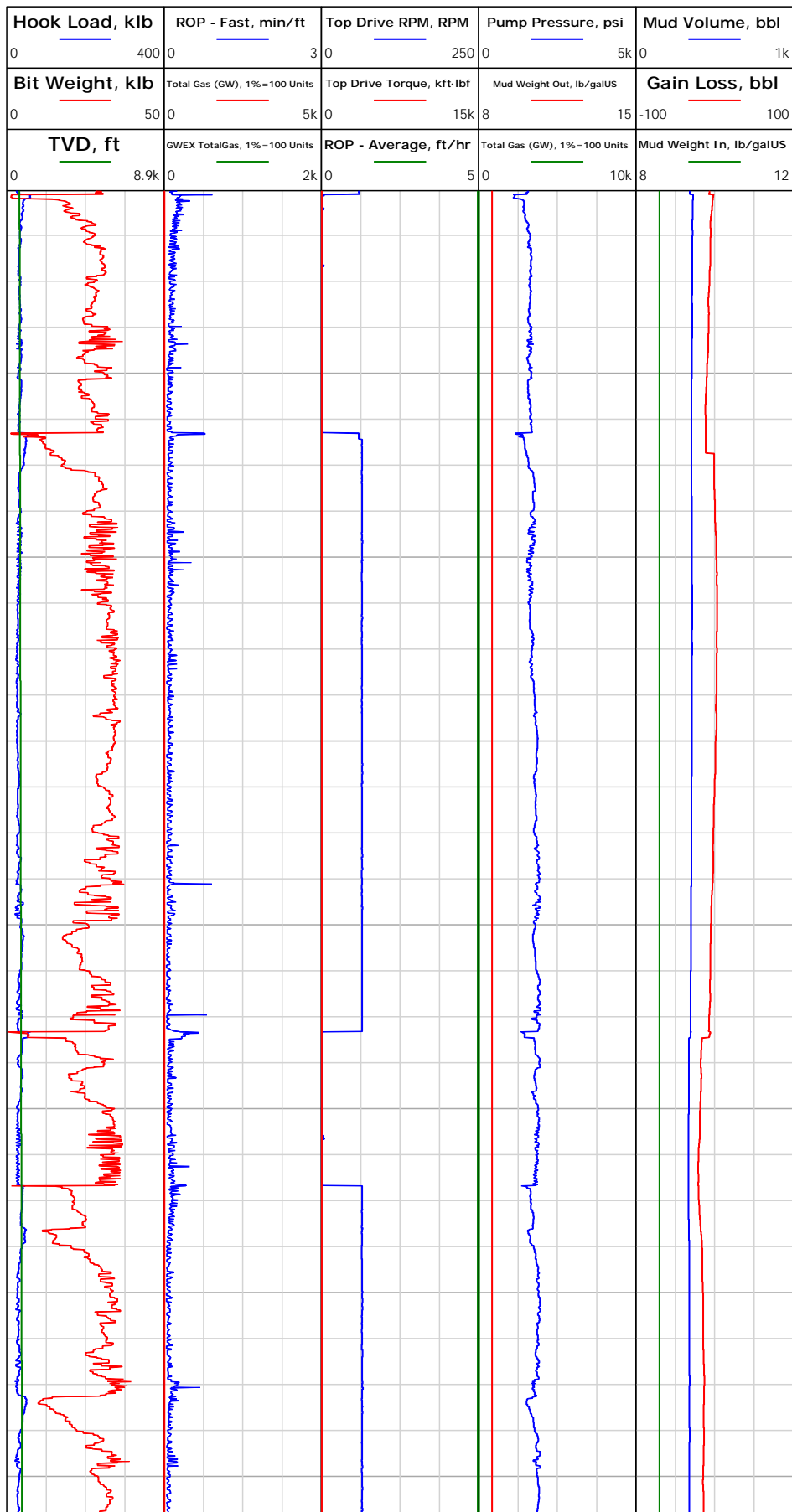
21:38

21:40

21:47

21:50

21:52





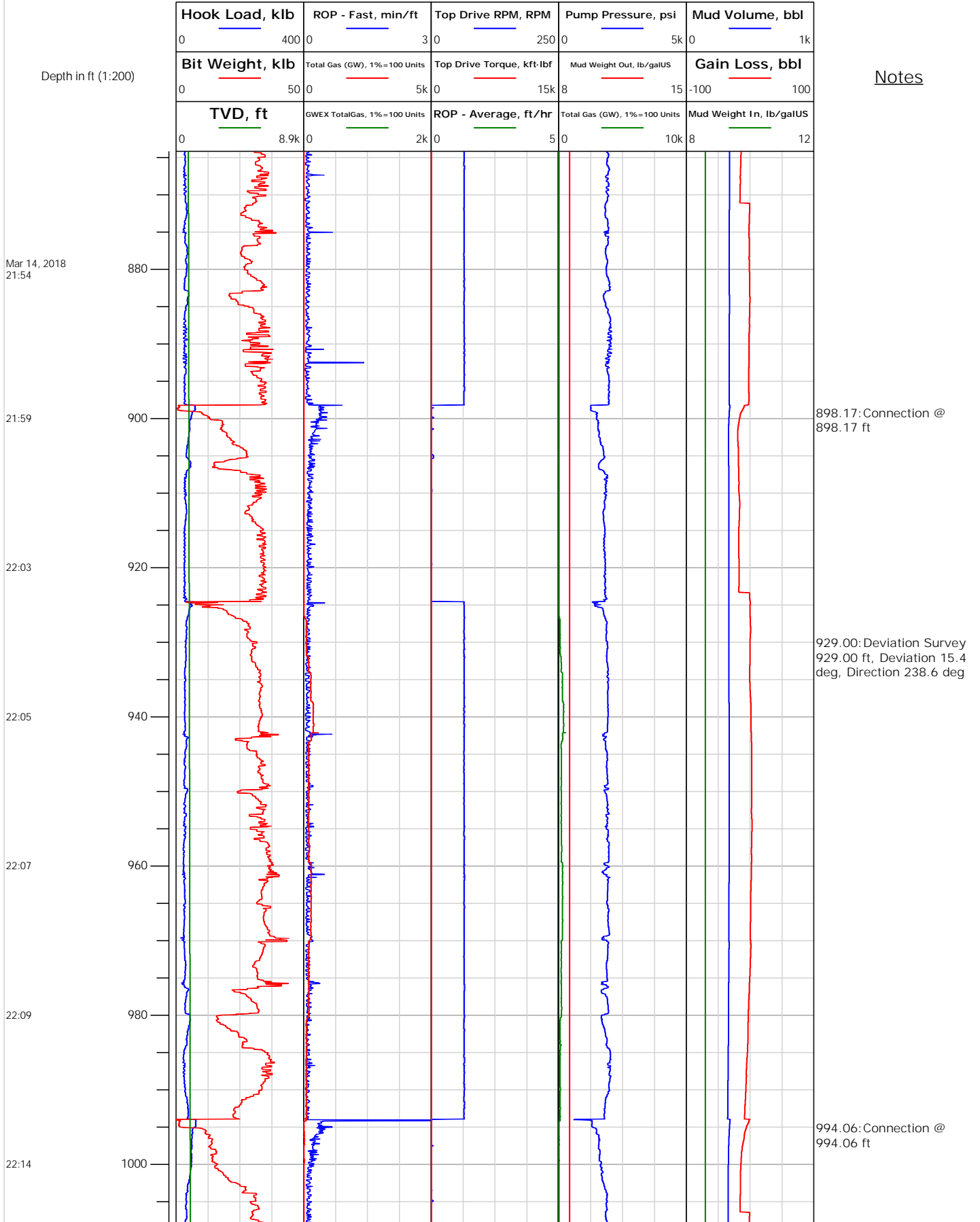
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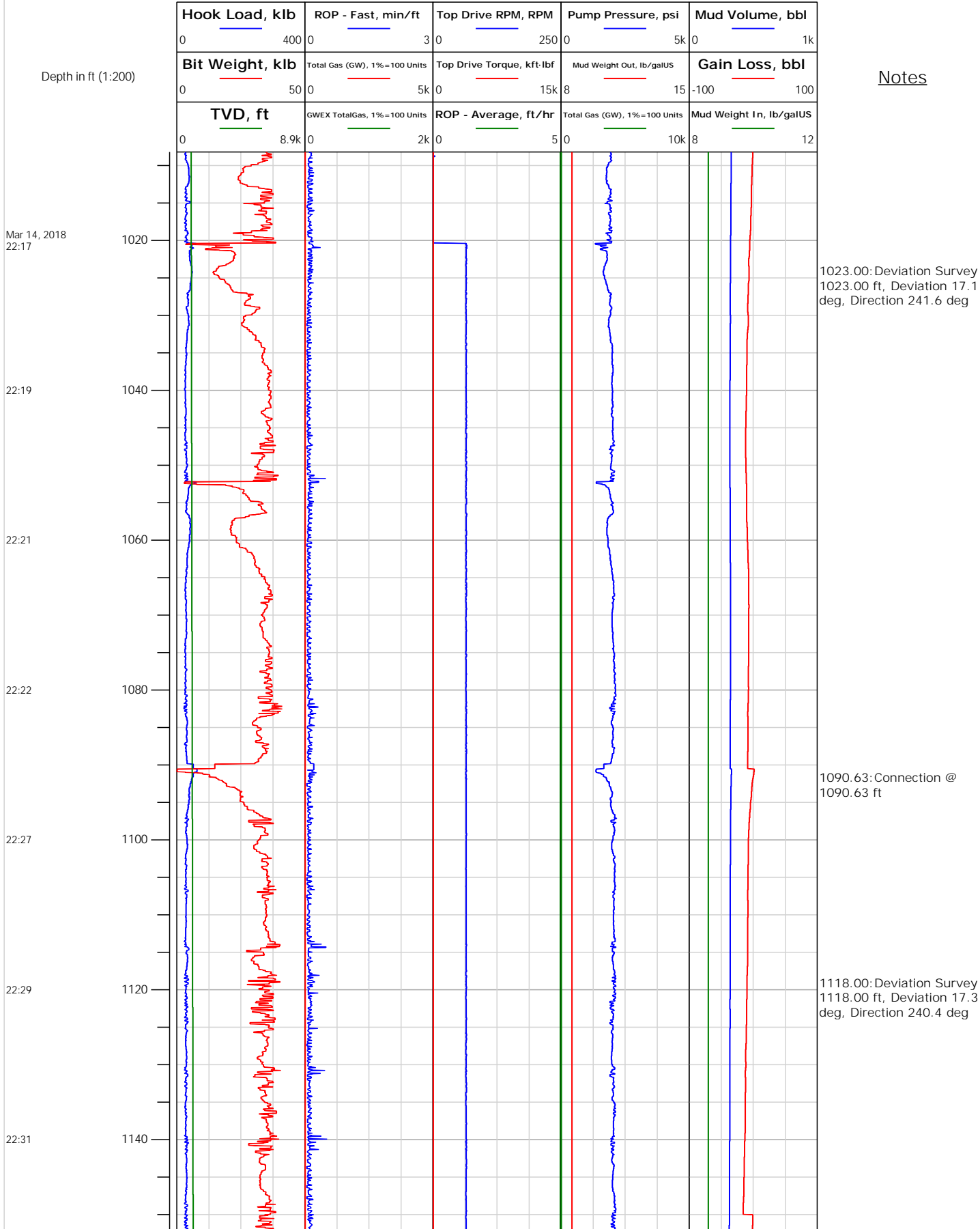
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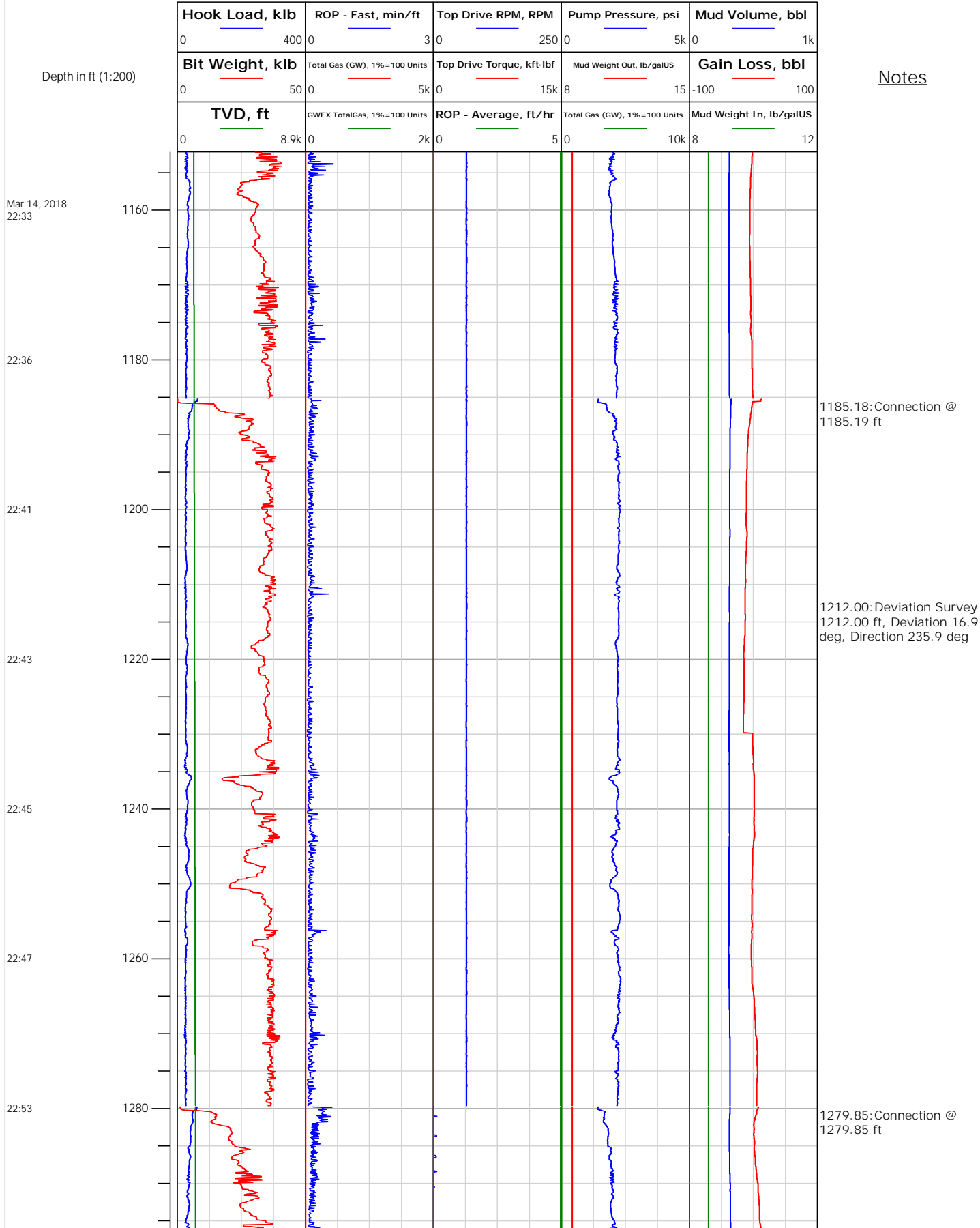
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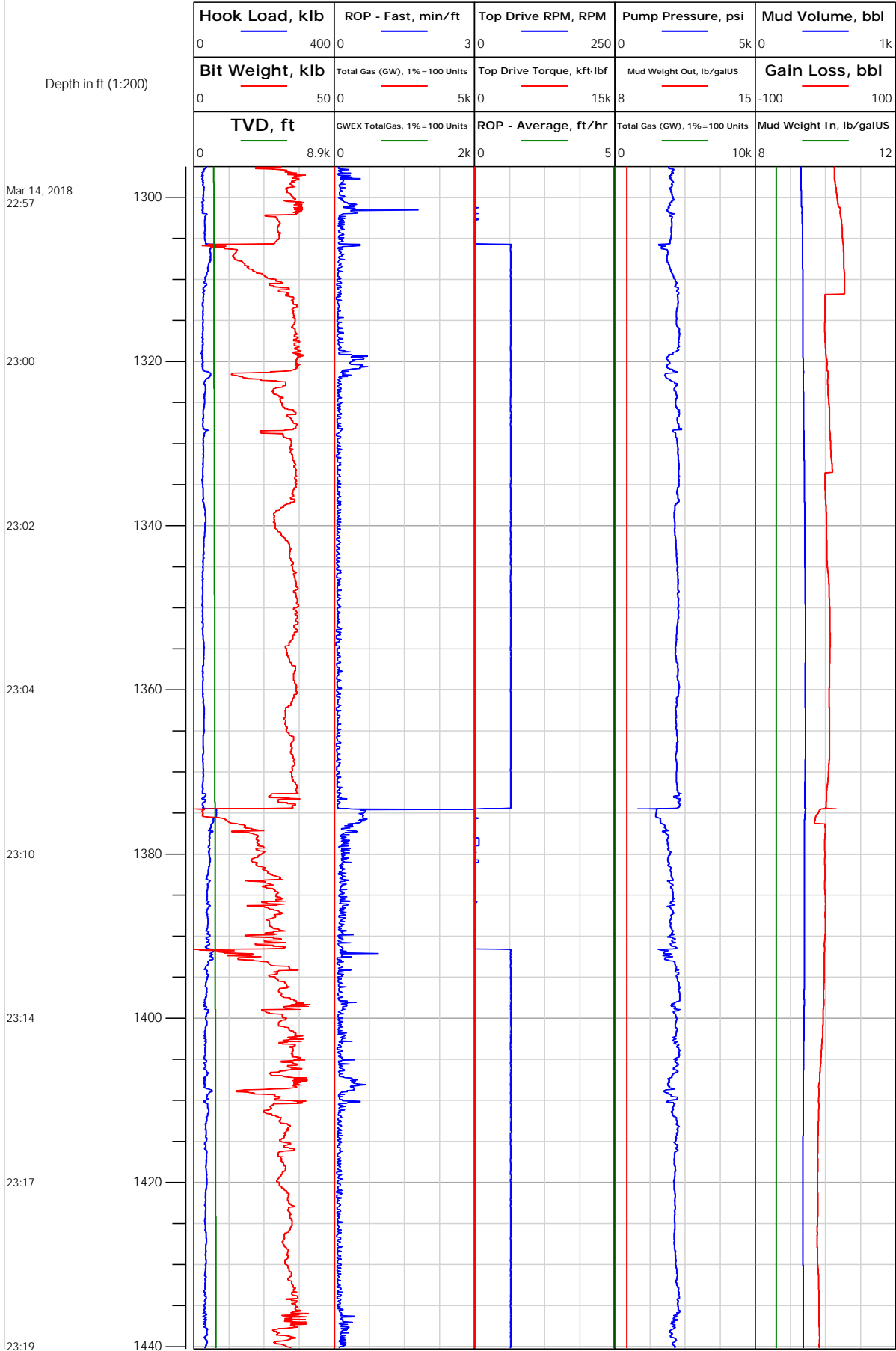
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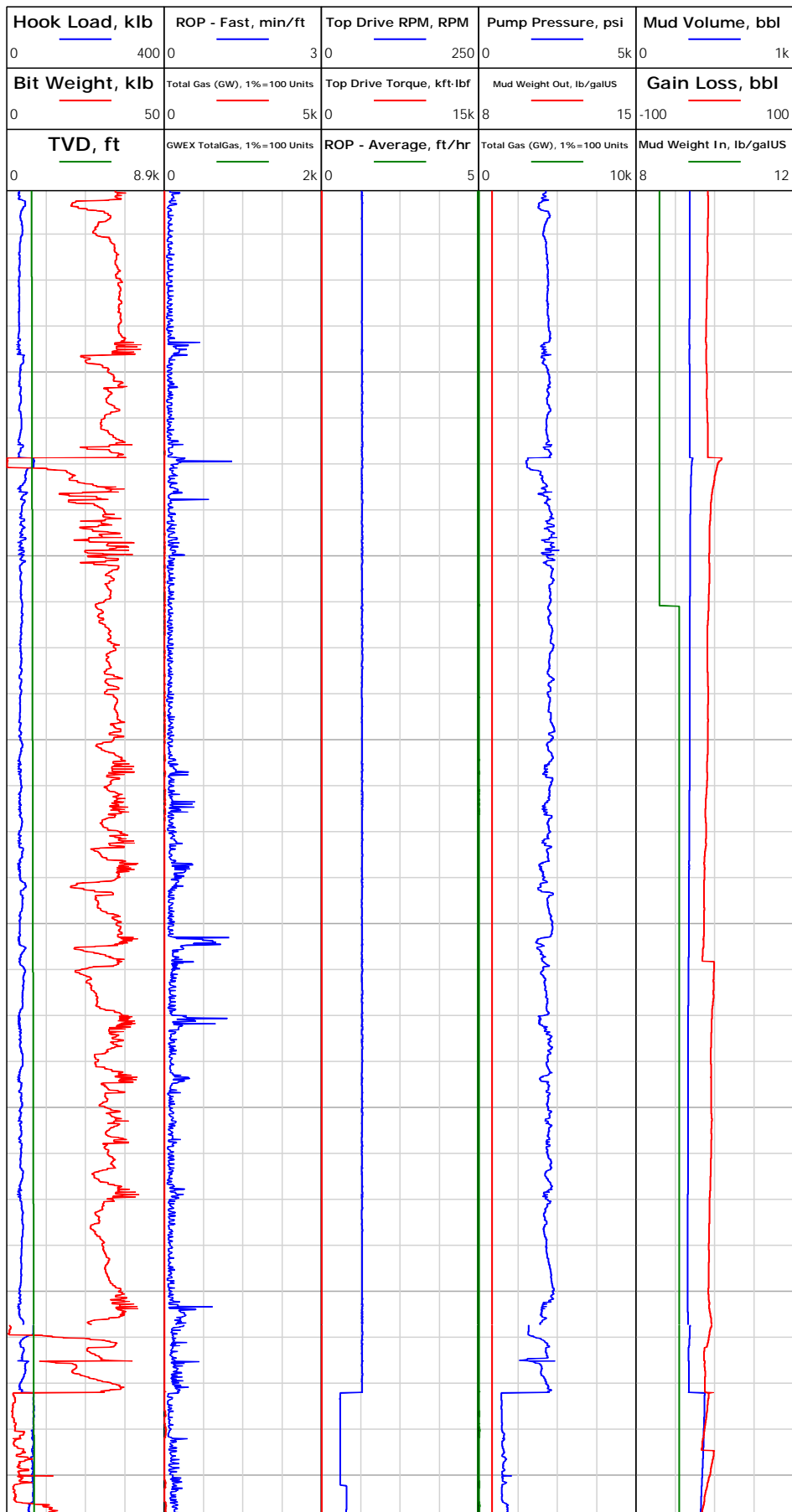
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**Rig:** 290

**Location:**

## Notes

Depth in ft (1:200)



Mar 14, 2018  
23:21

23:27

23:29

23:32

23:36

23:39

Mar 15, 2018  
19:31



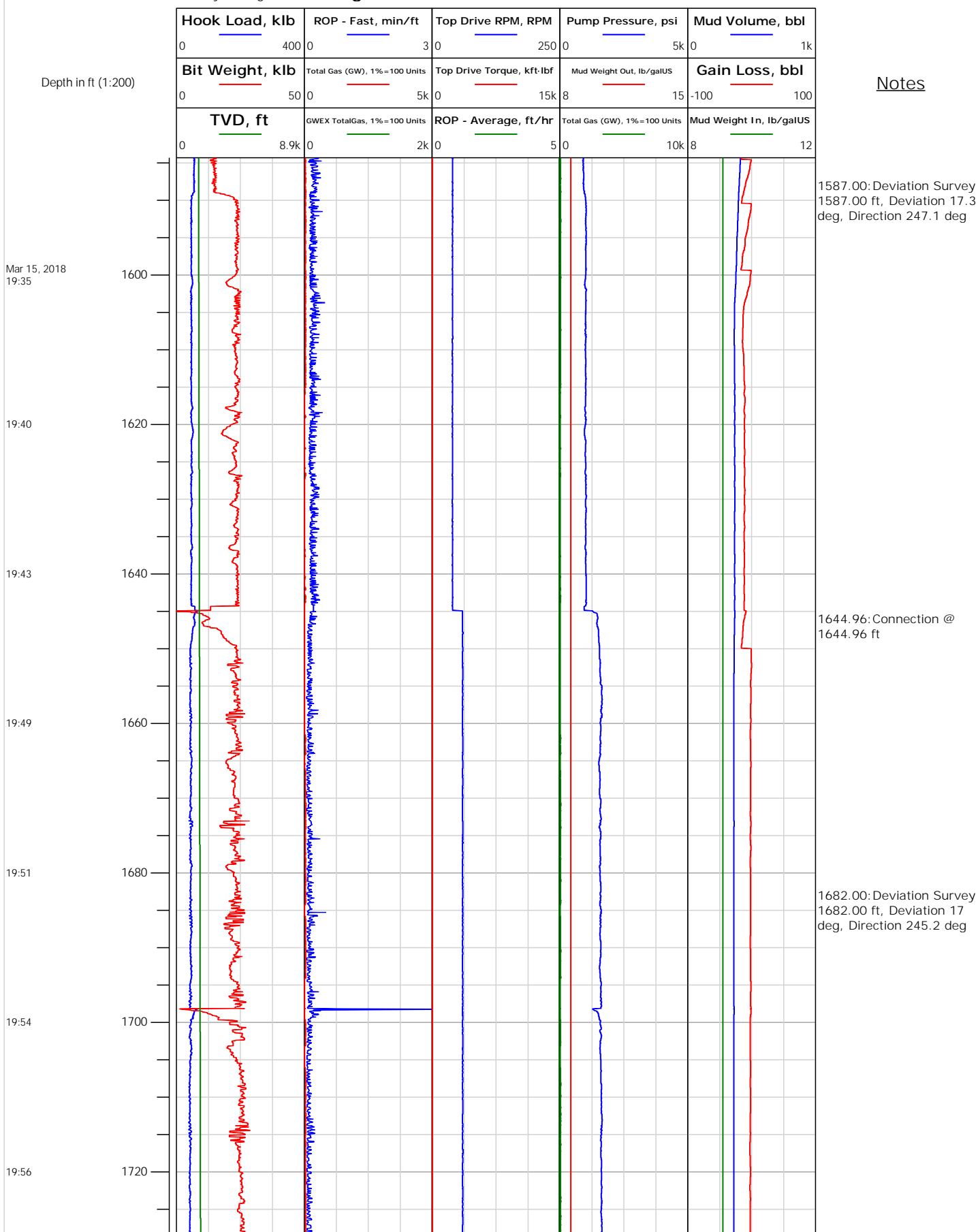
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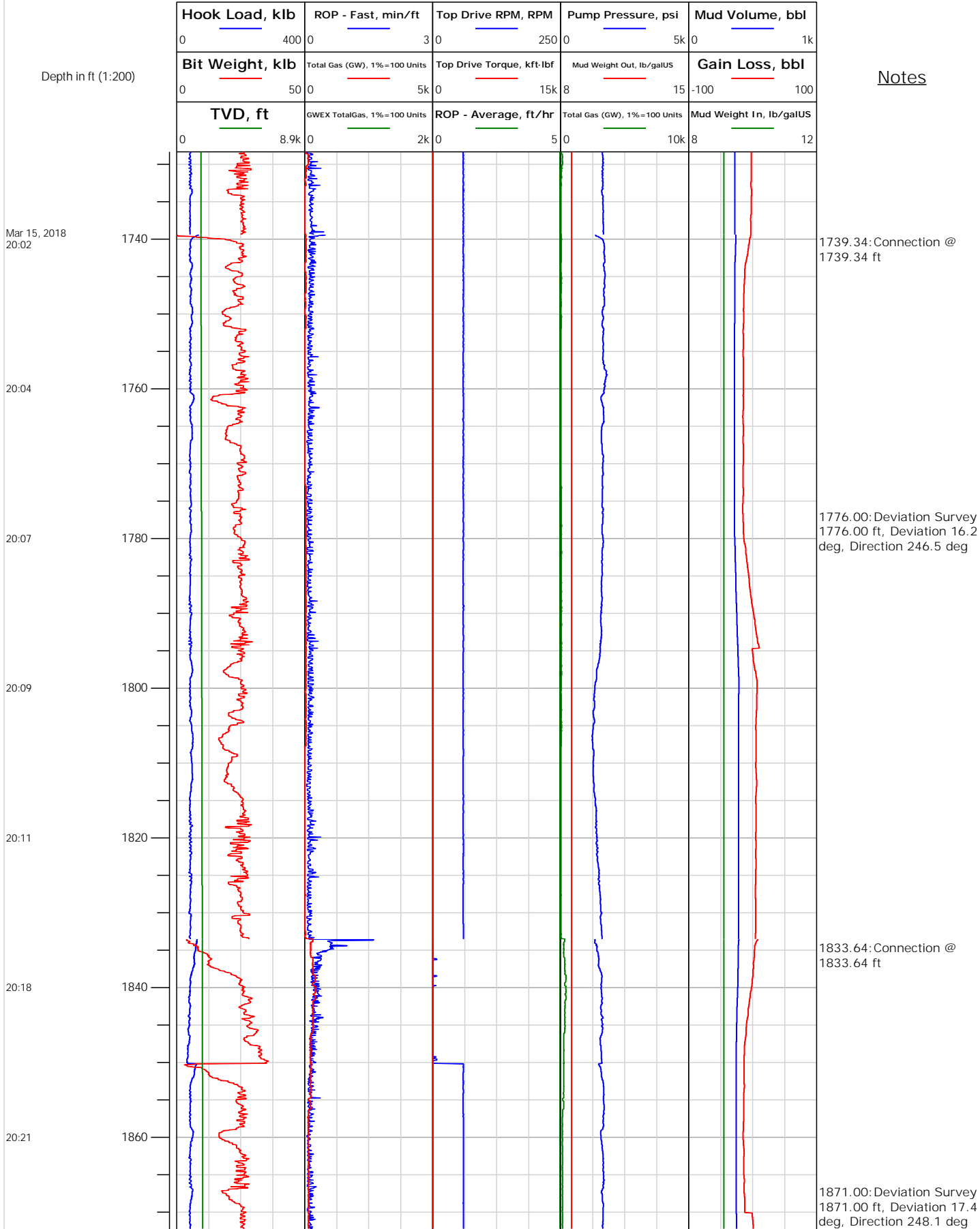
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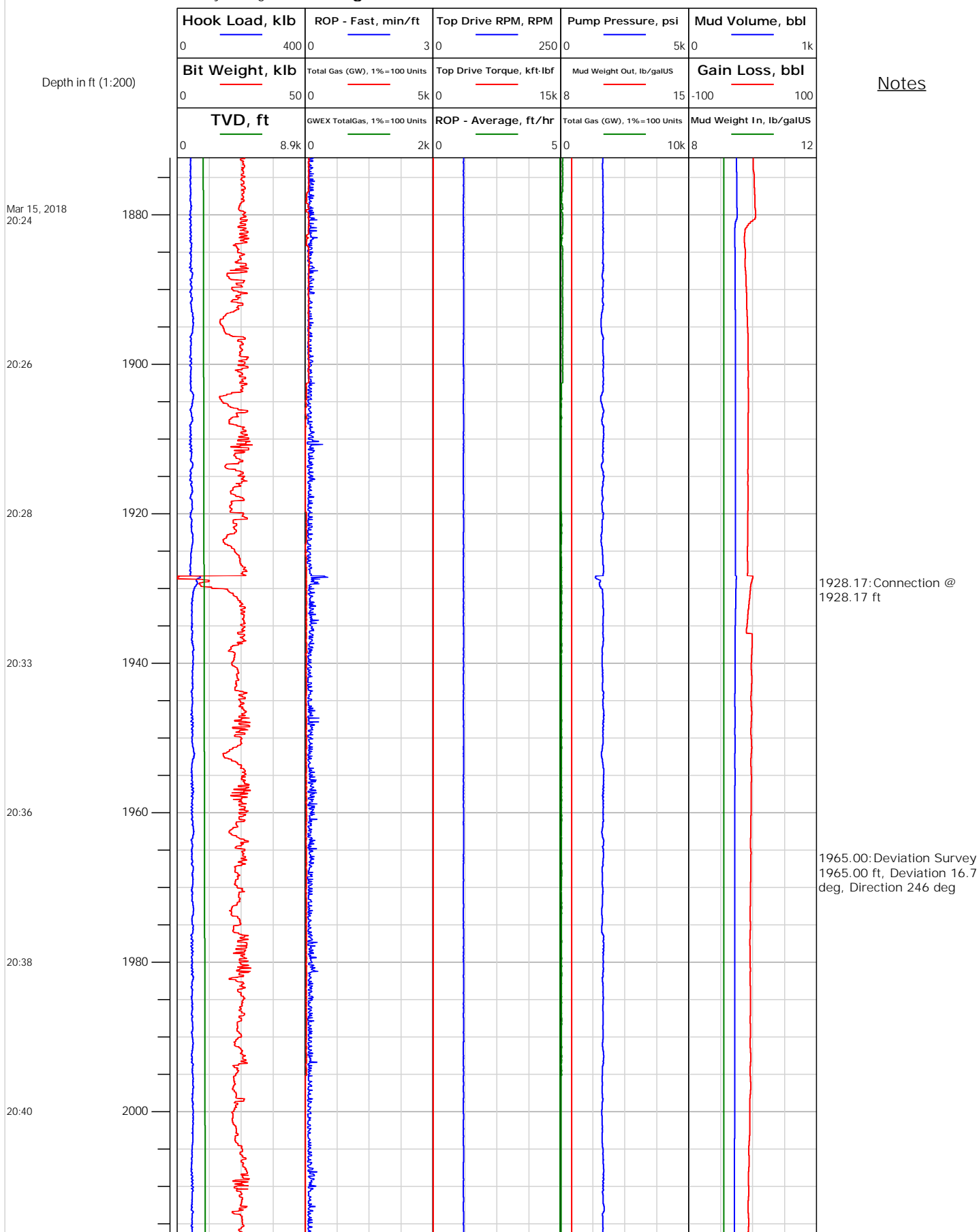
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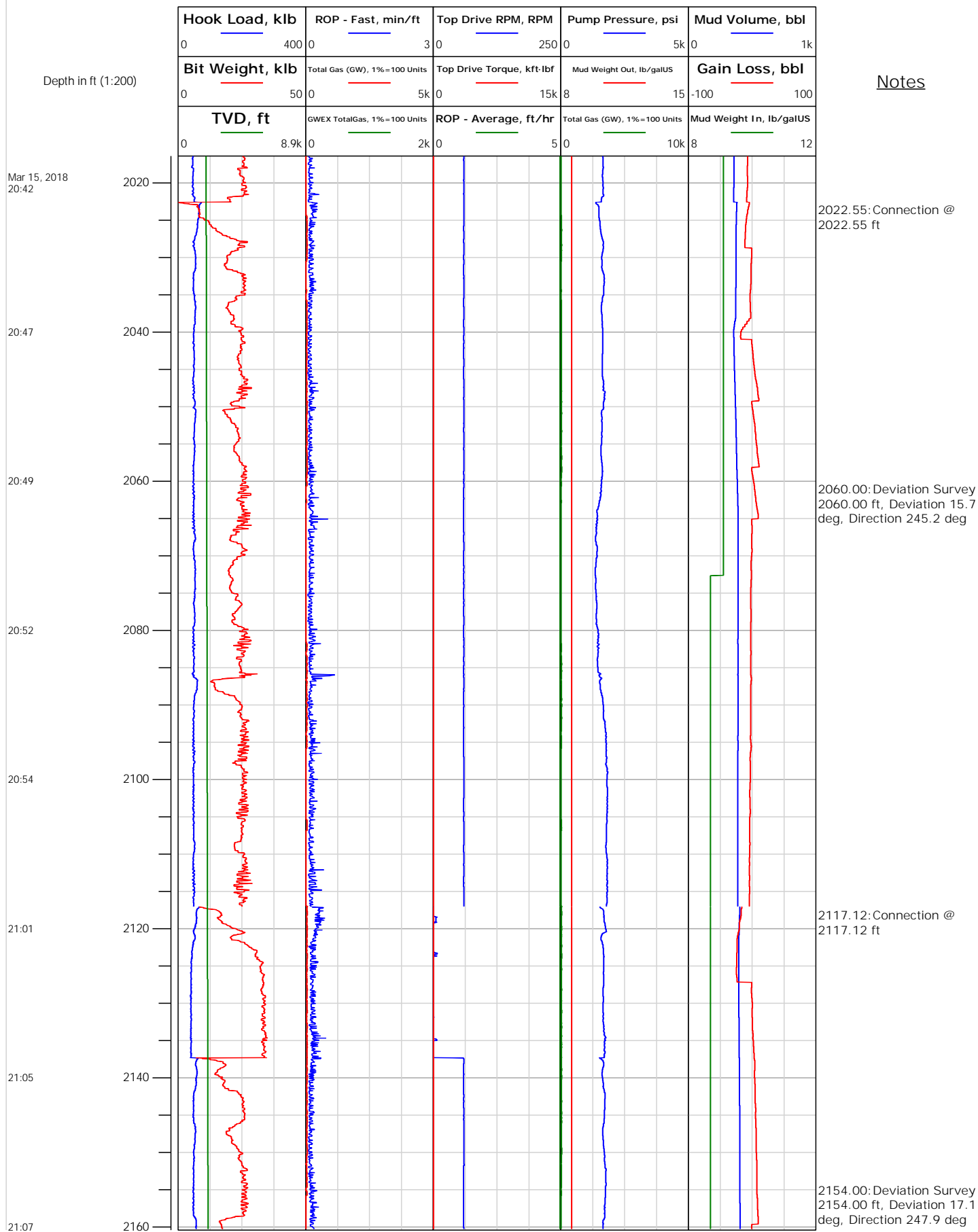
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Well Name: Nichols 24-12W  
Rig: 290

Location:

Depth in ft (1:200)

Notes

Mar 15, 2018  
21:10

21:11

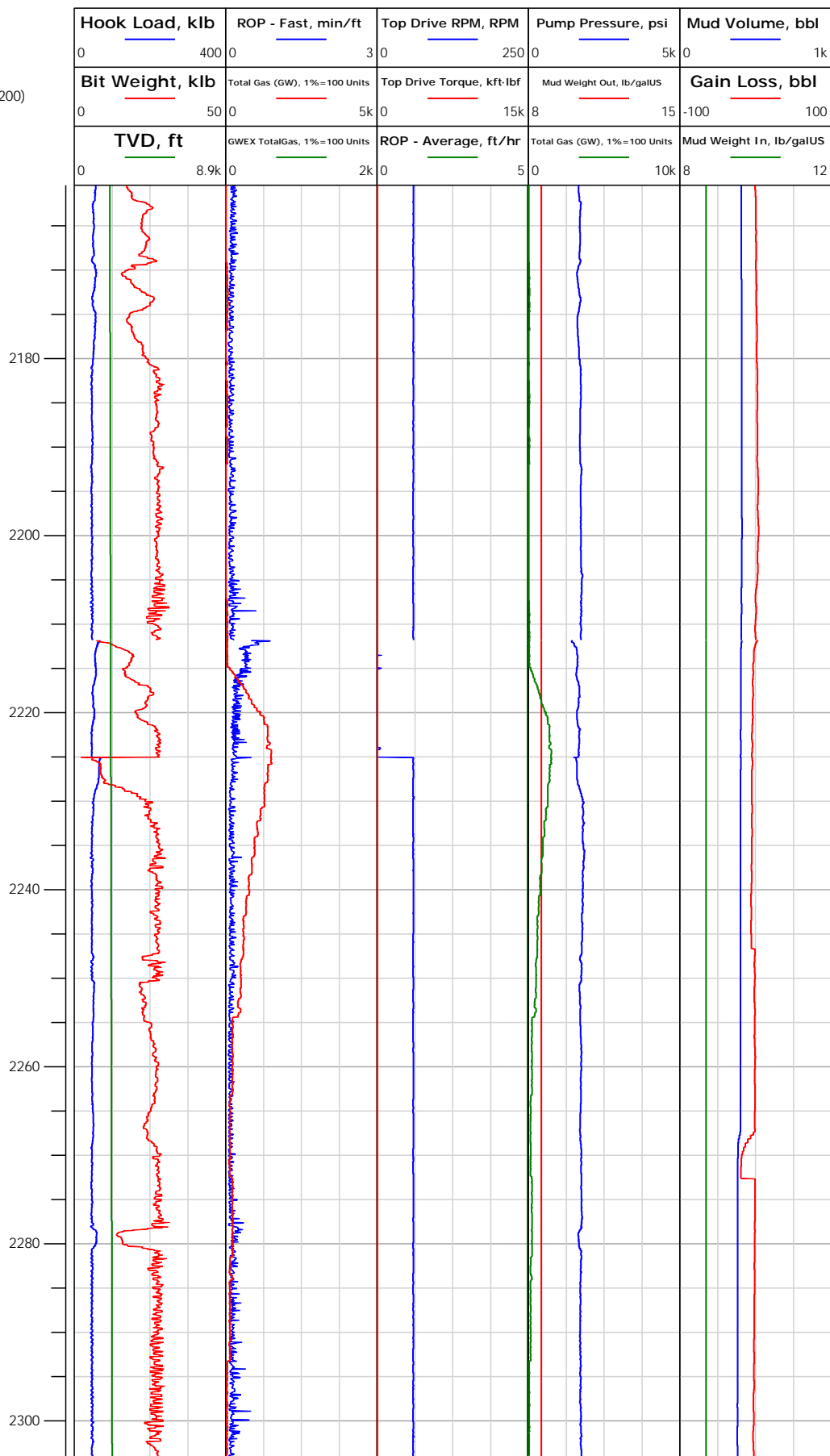
21:18

21:21

21:23

21:25

21:28



2211.82: Connection @  
2211.82 ft

2249.00: Deviation Survey  
2249.00 ft, Deviation 17.7  
deg, Direction 245.4 deg



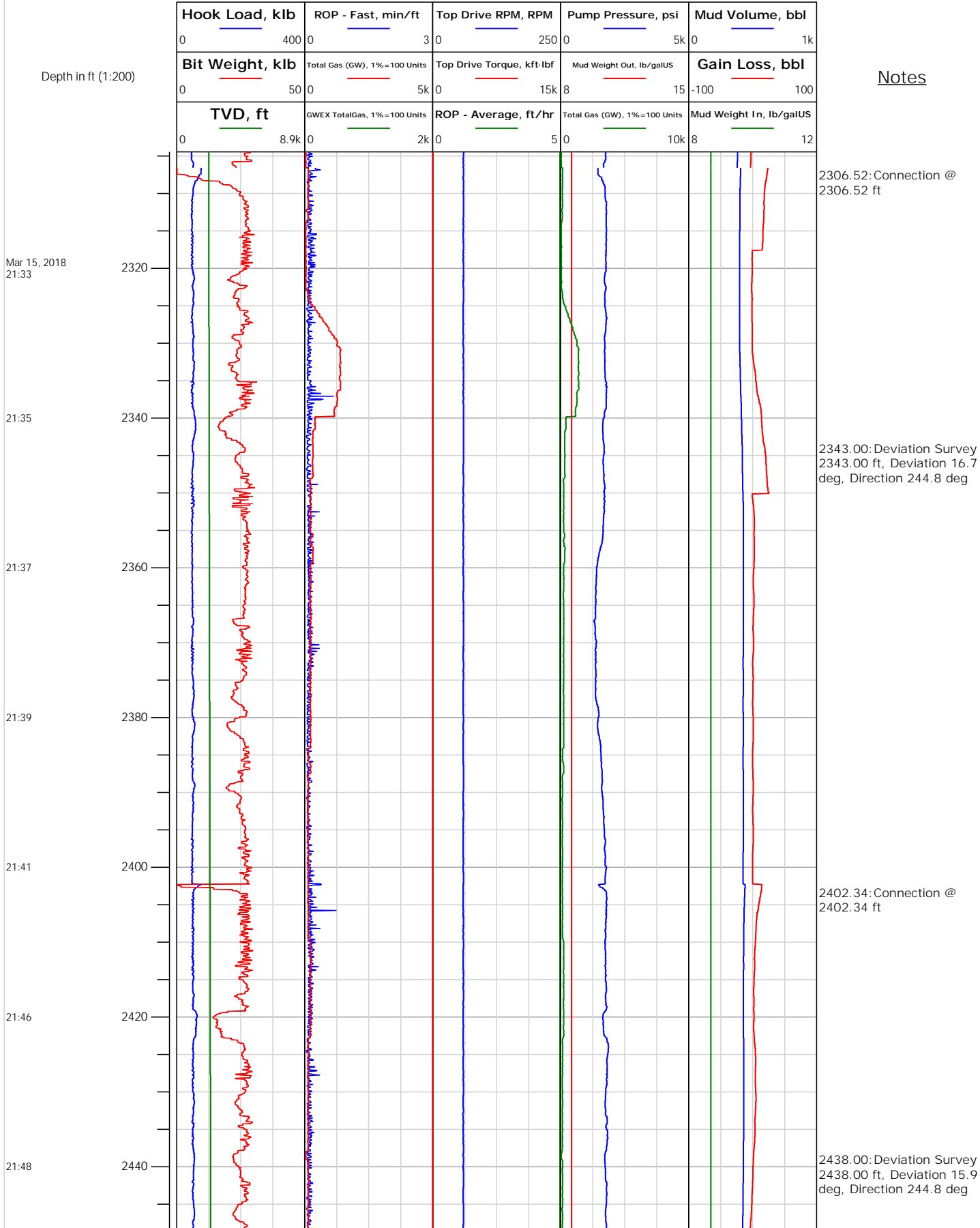
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**Location:**

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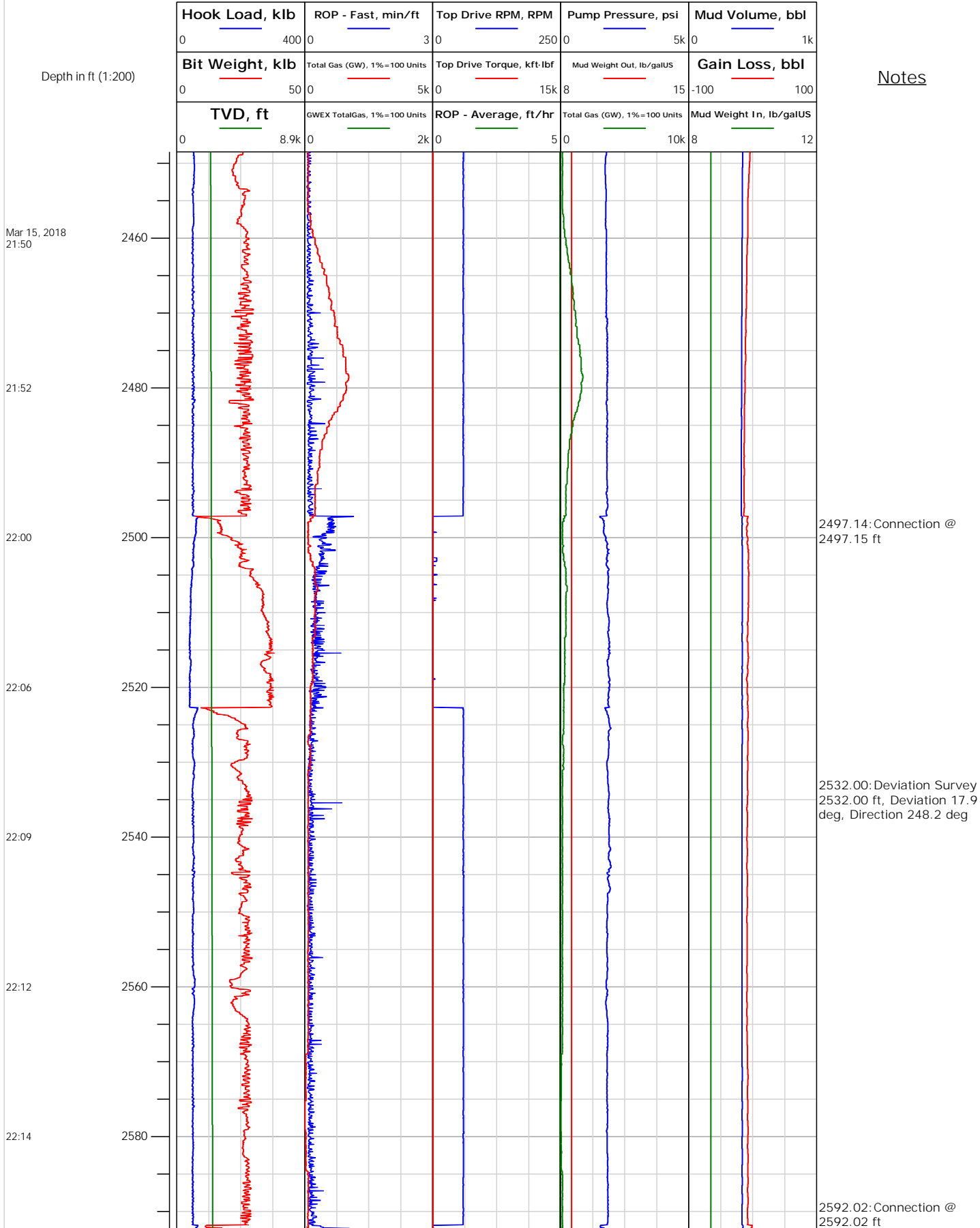
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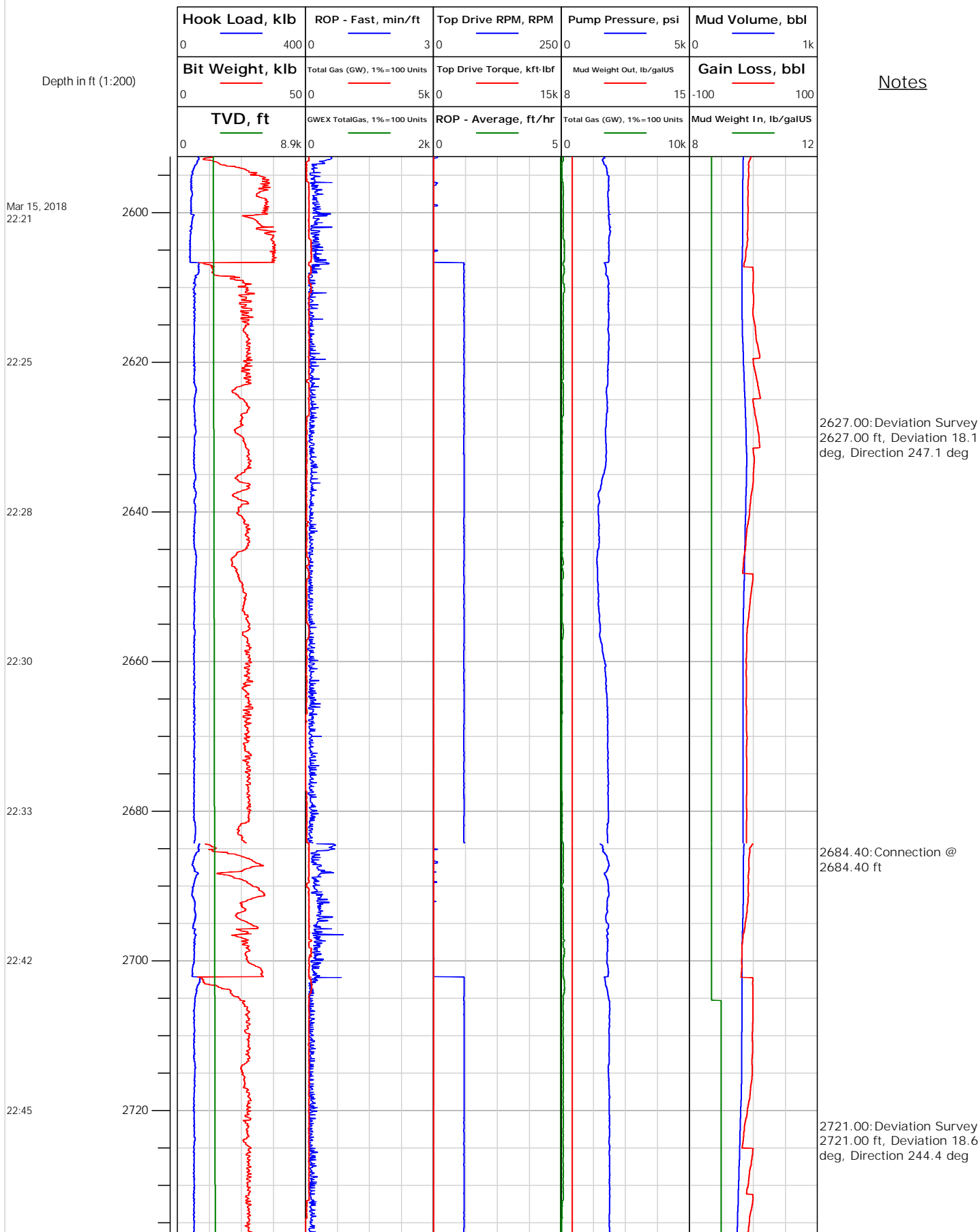
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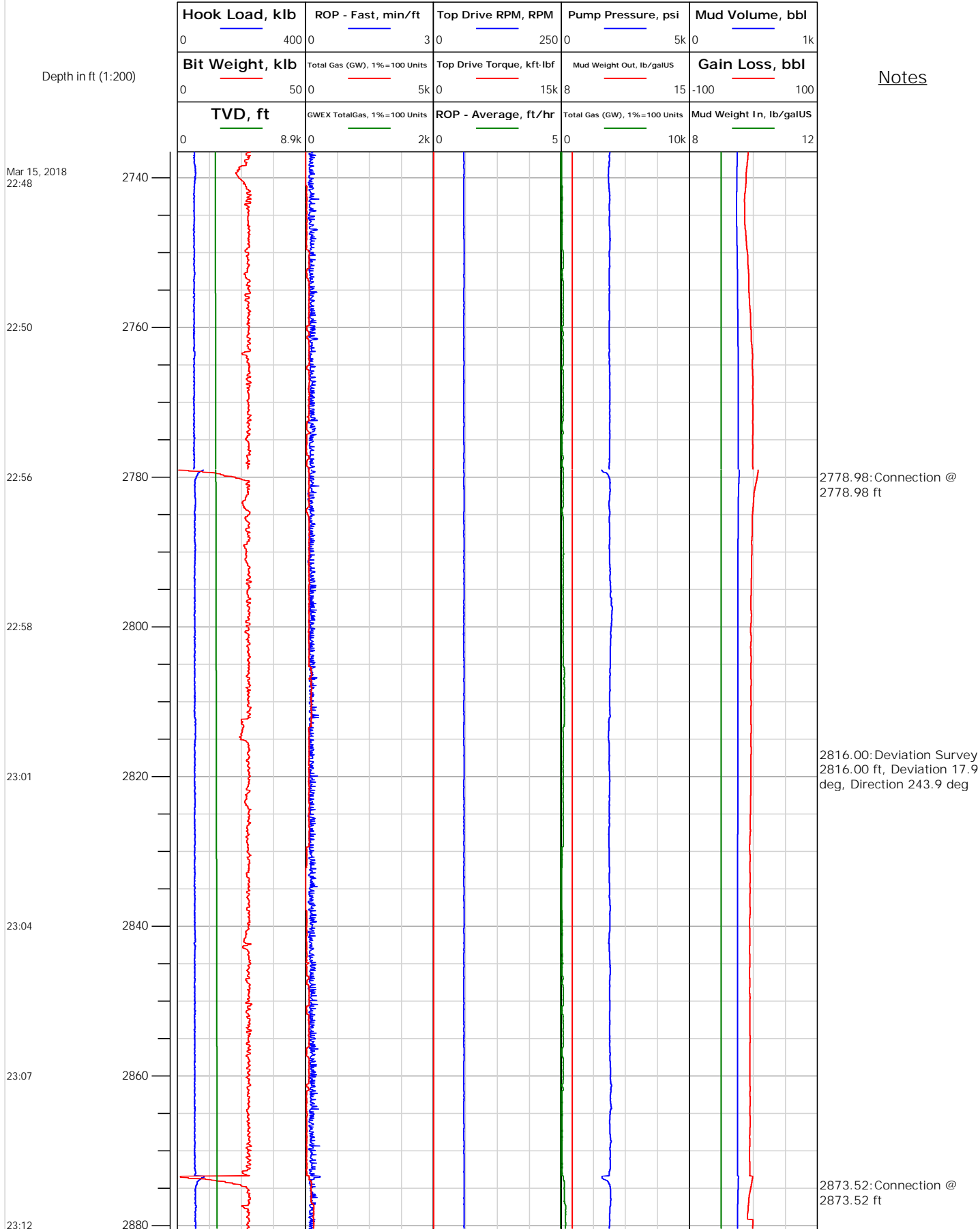
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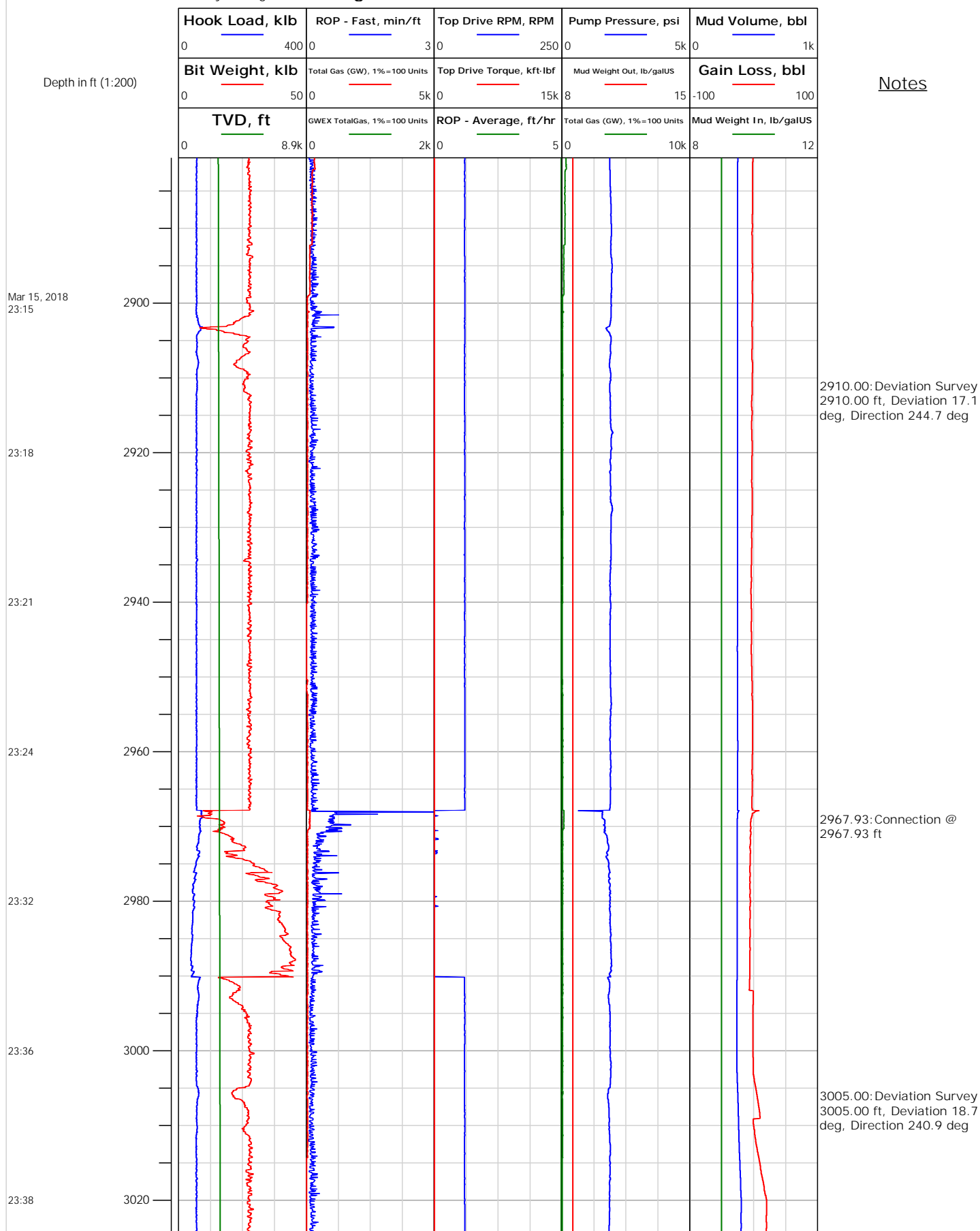
Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

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Rig: 290

Location:

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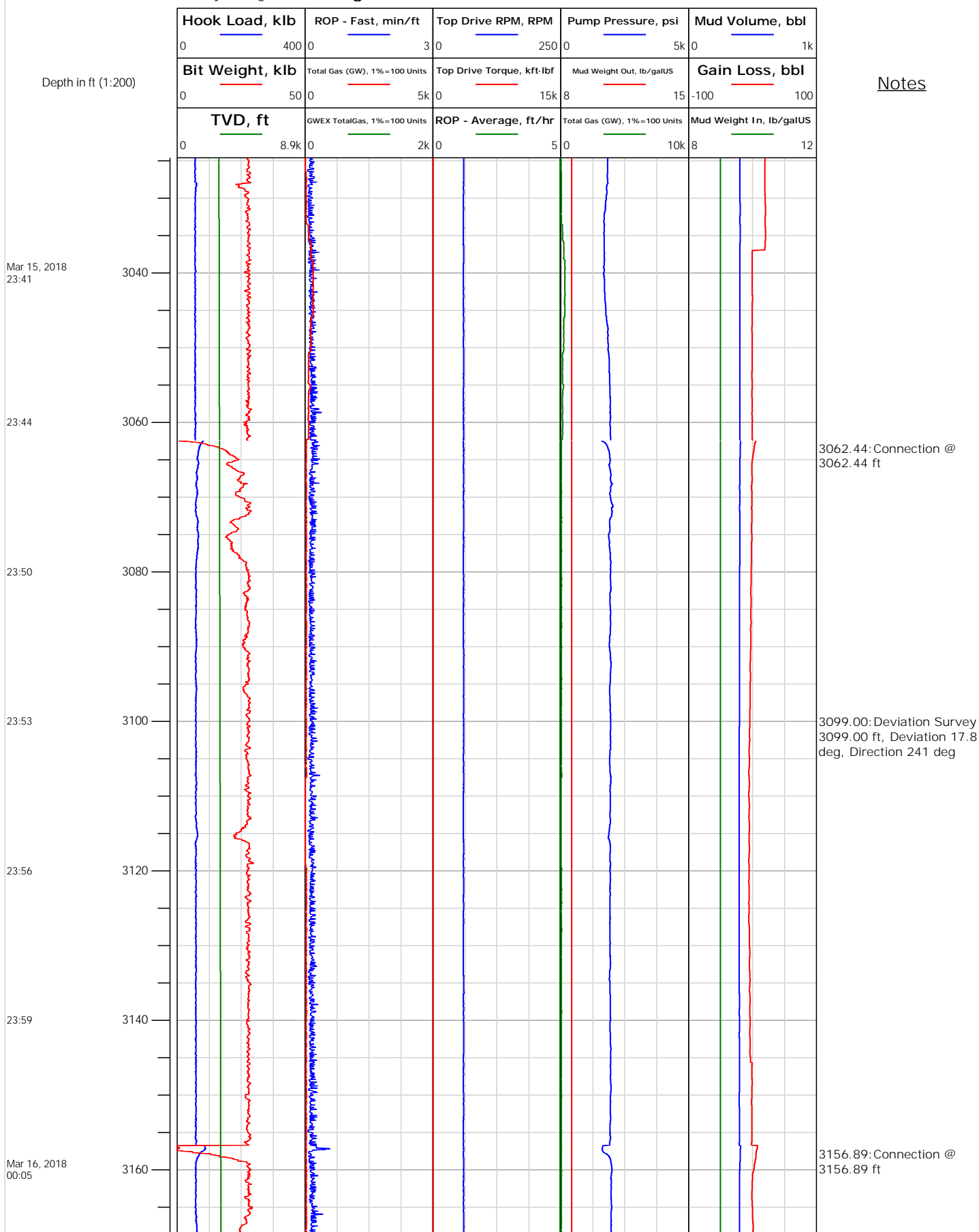
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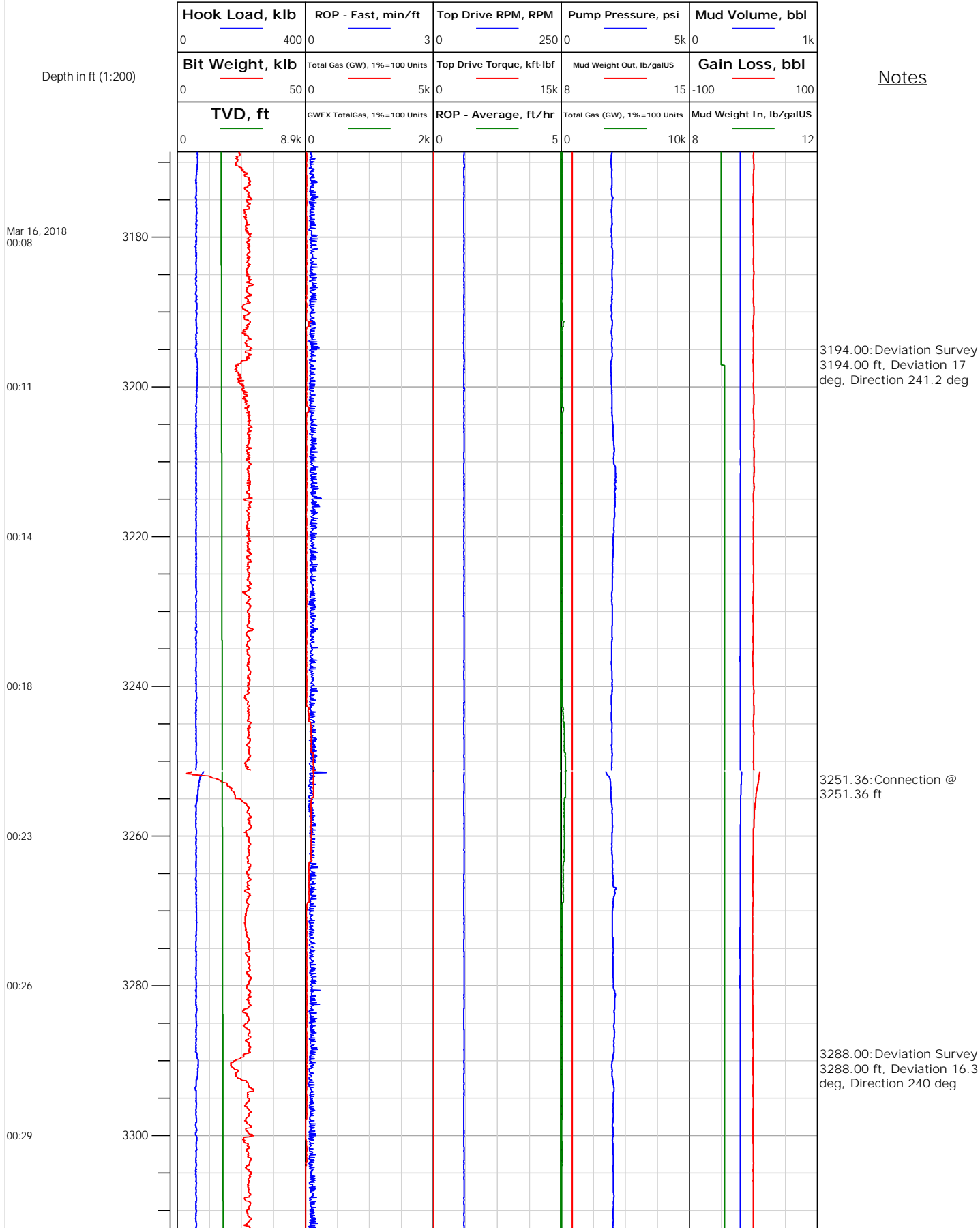
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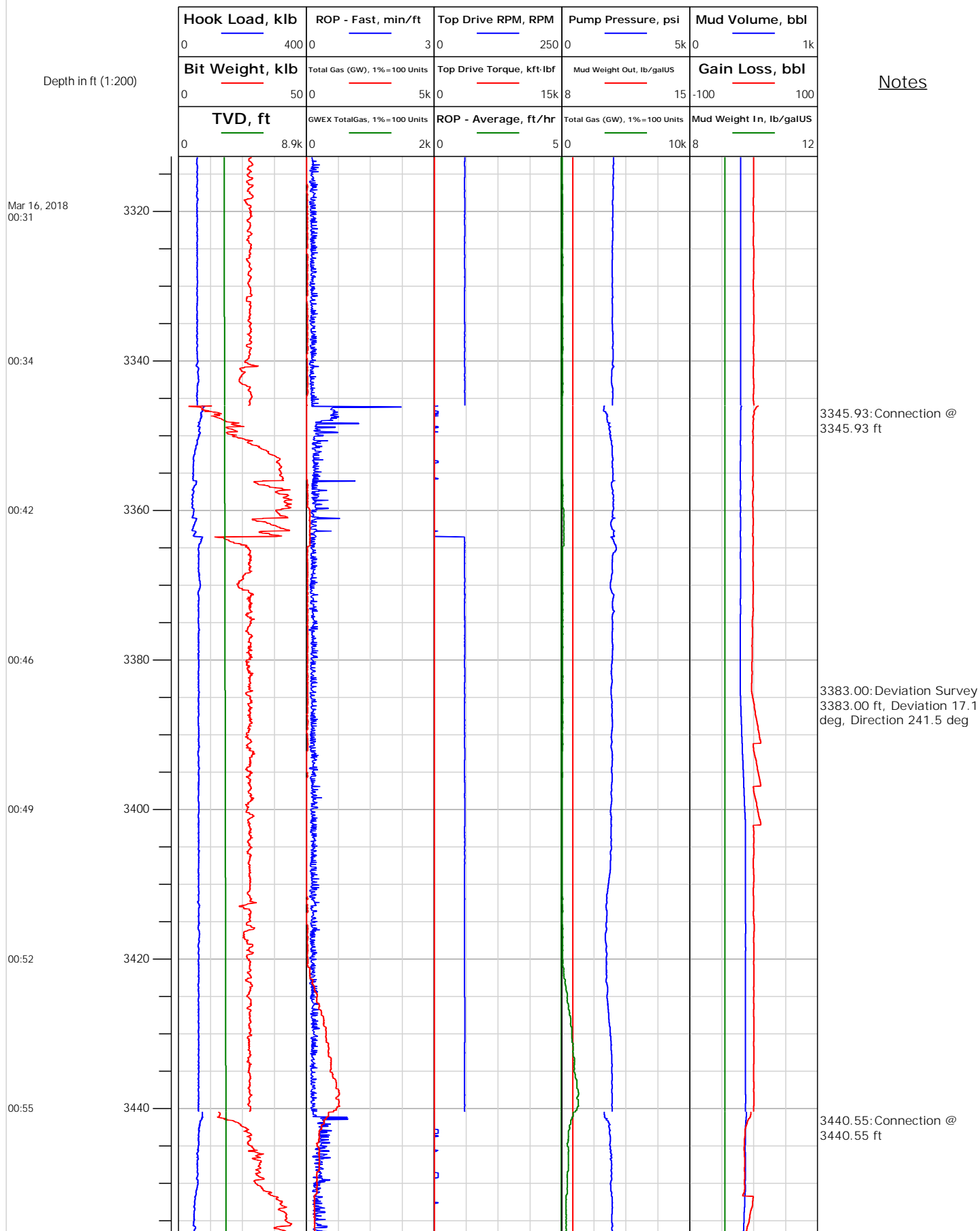
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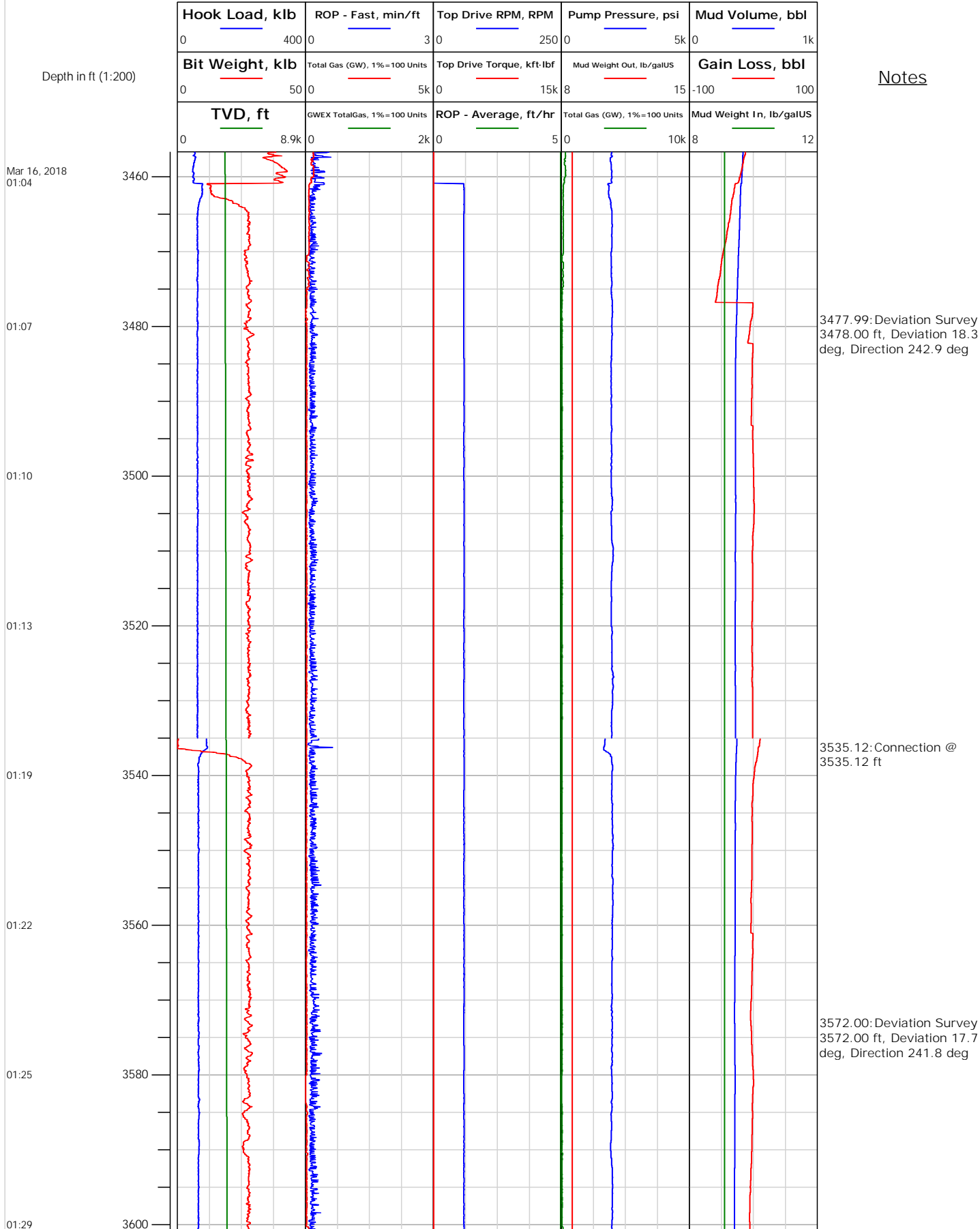
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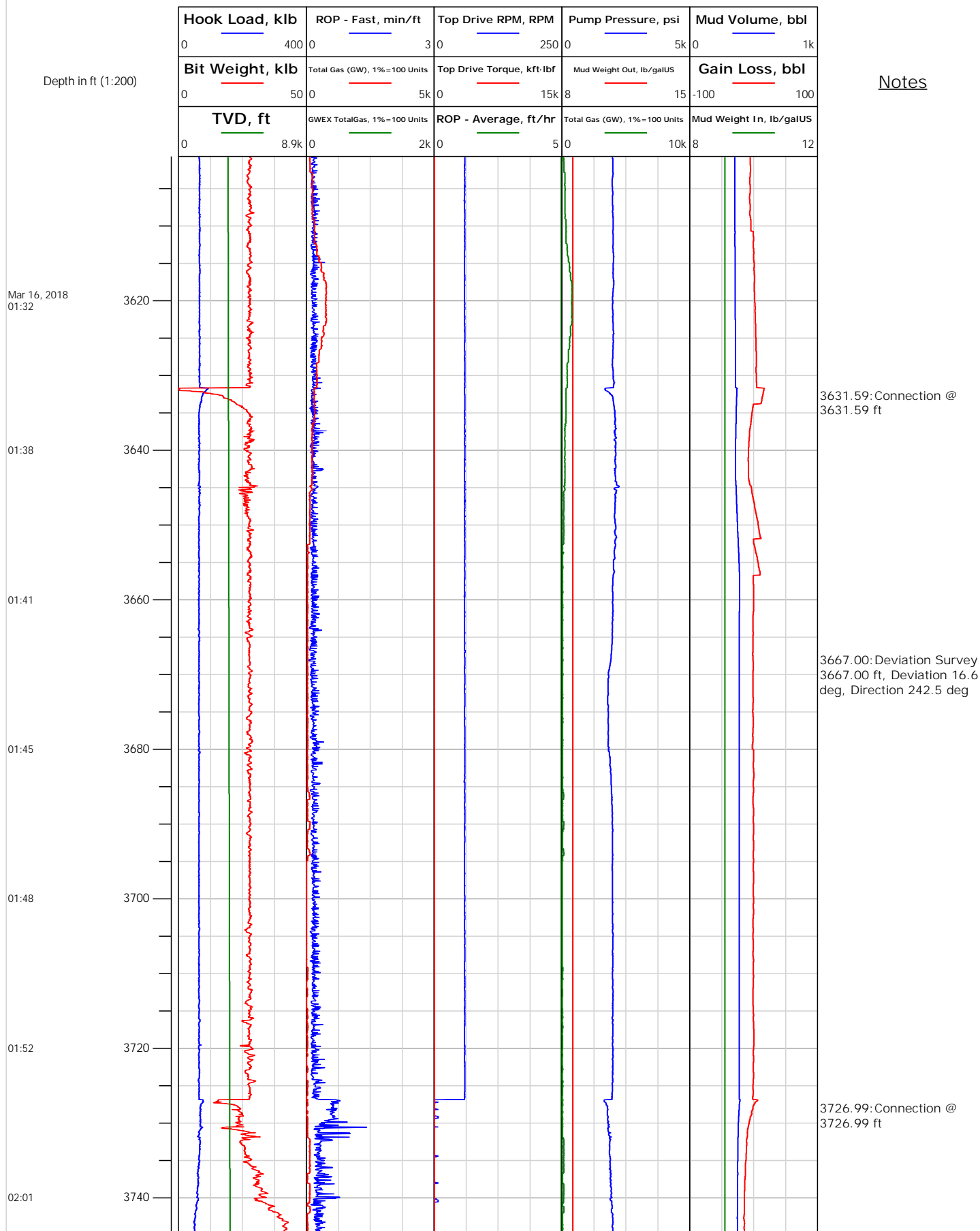
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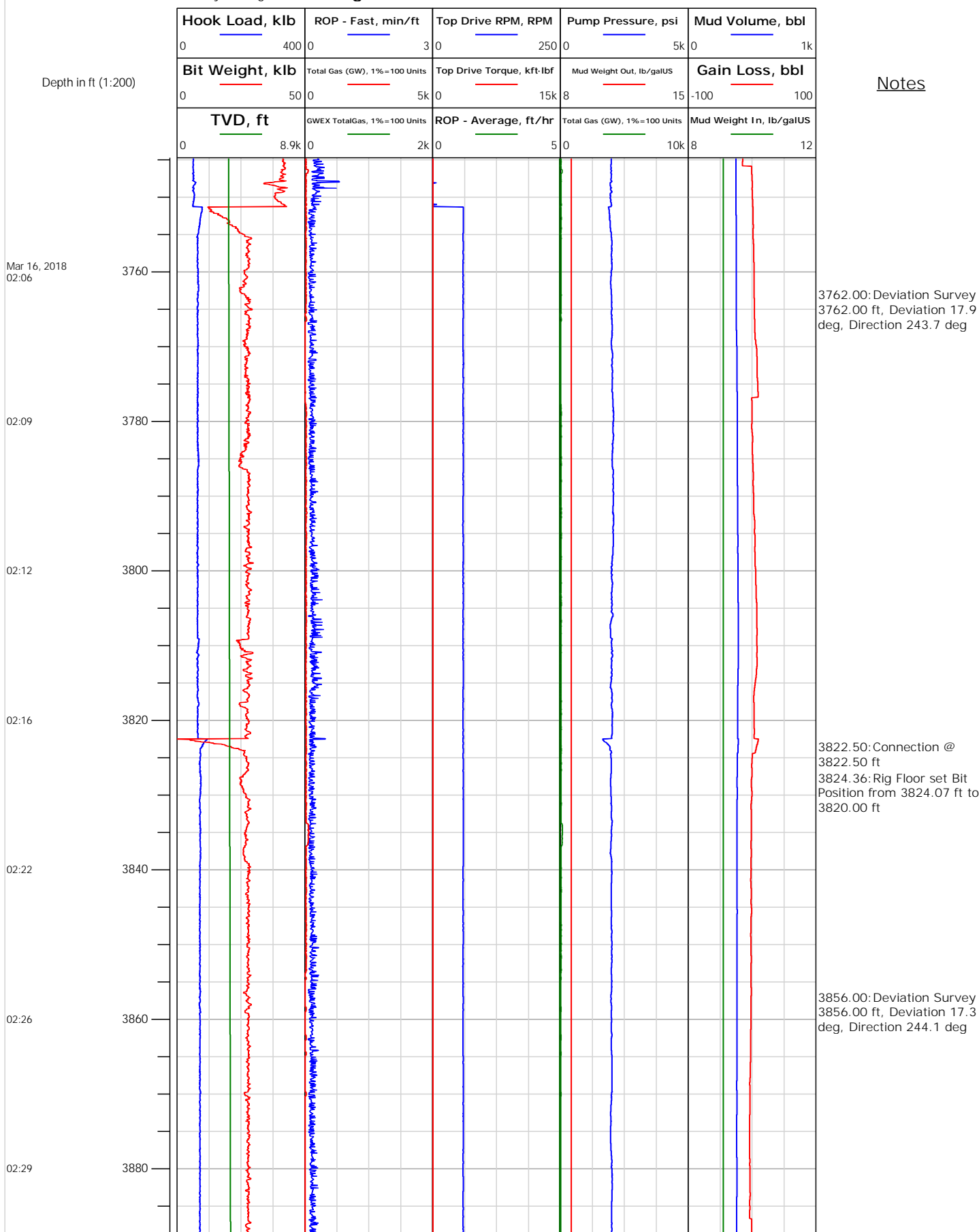
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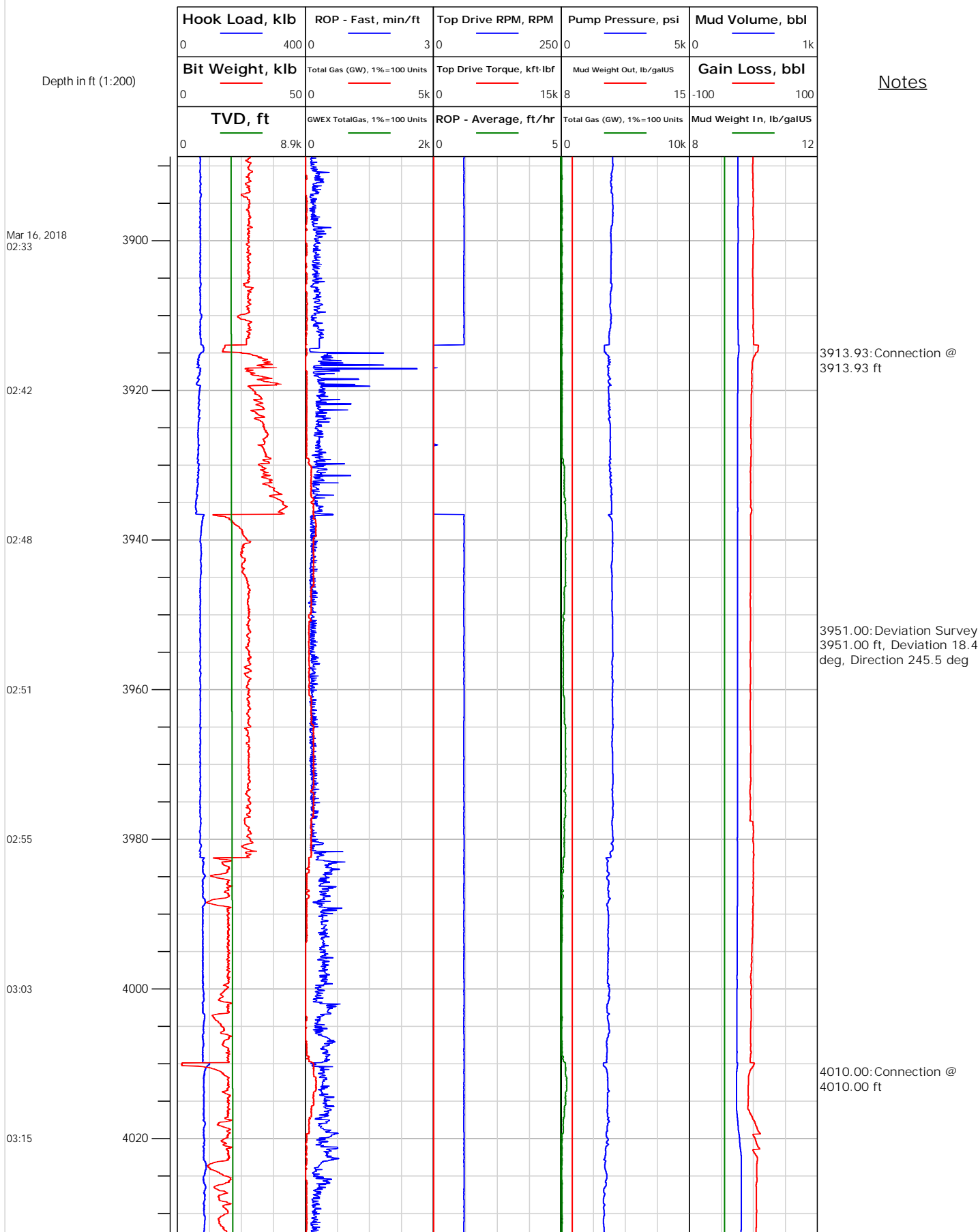
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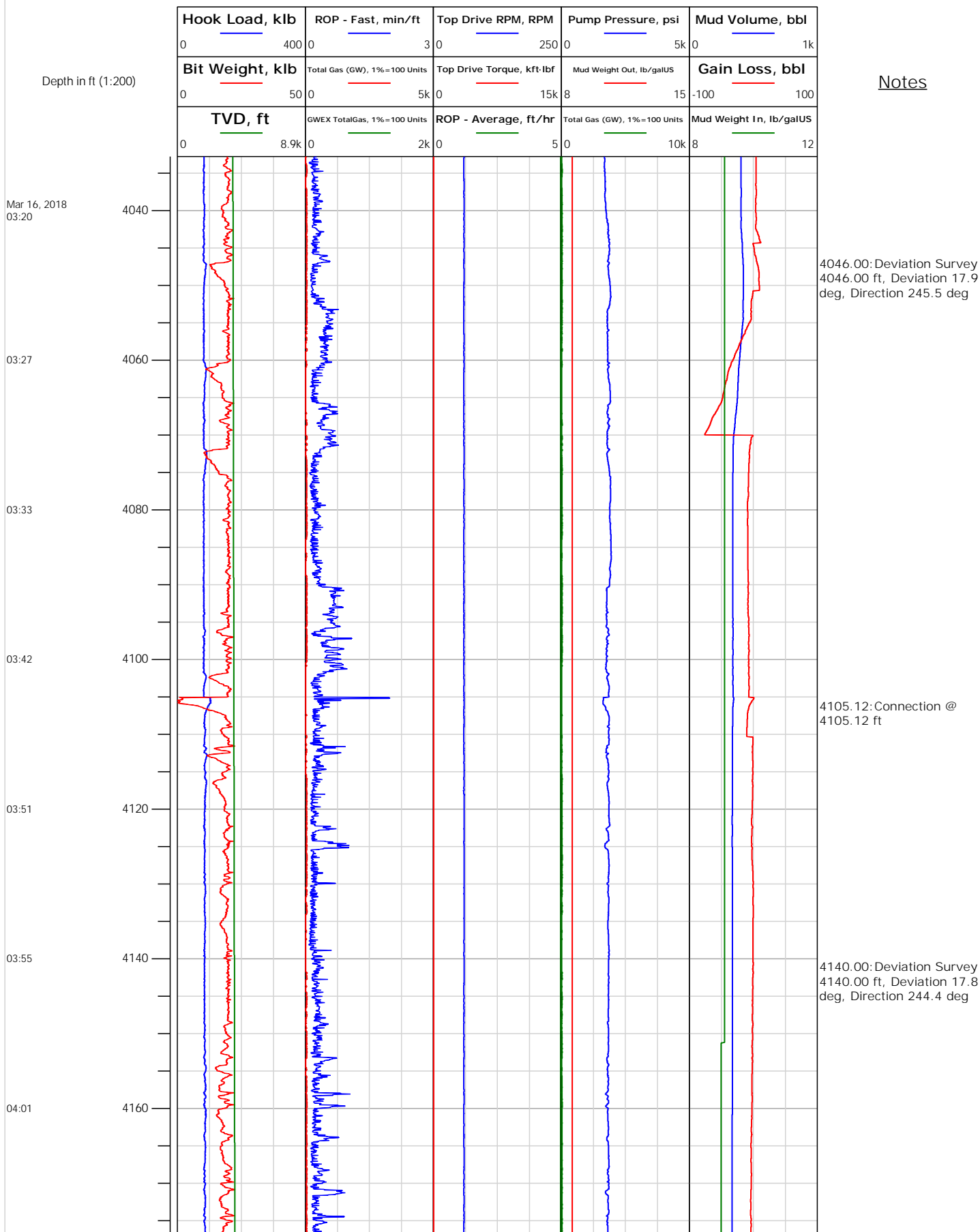
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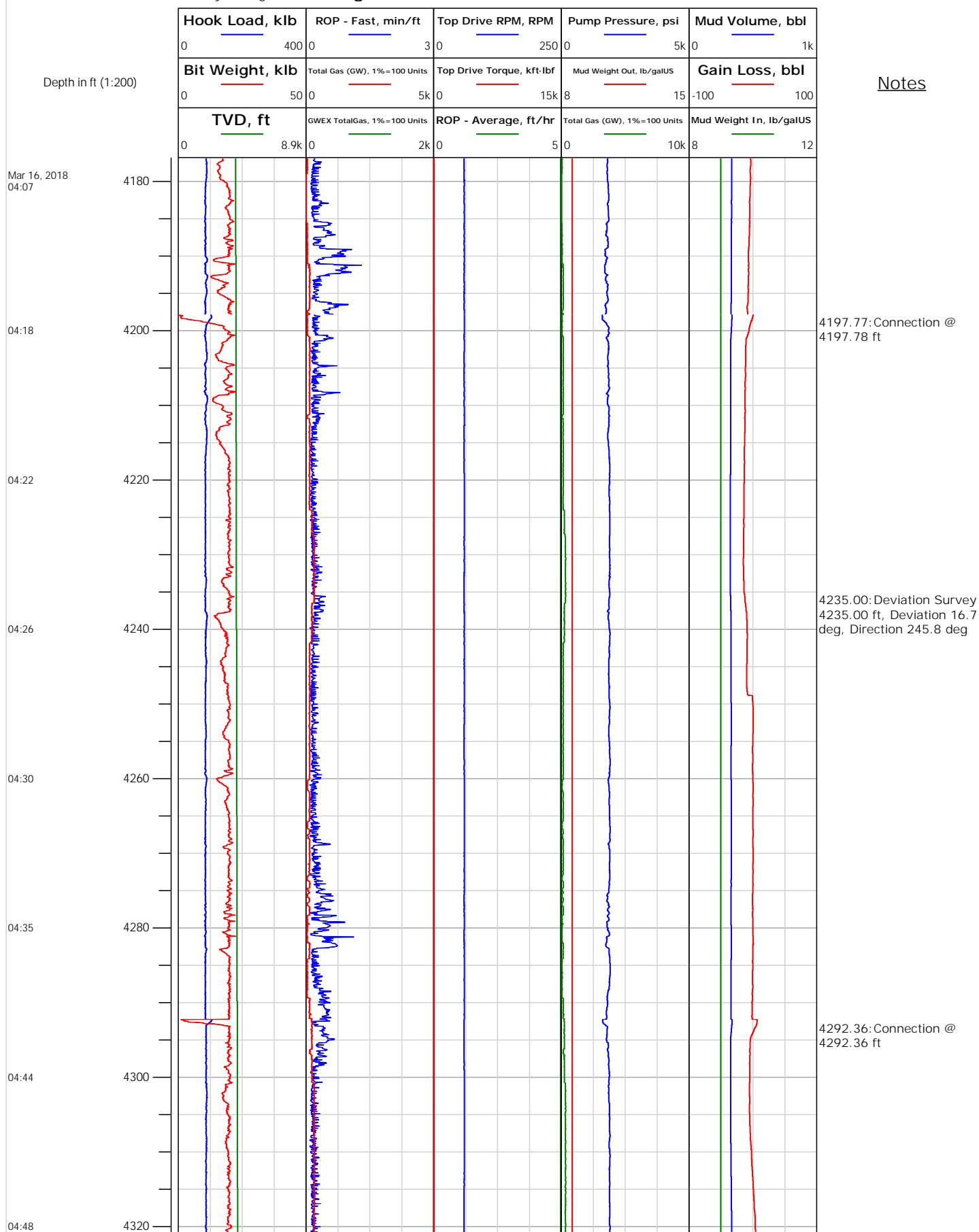
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Location:

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**Rig:** 290

**Location:**

## Notes

Depth in ft (1:200)

Mar 16, 2018  
04:55

05:02

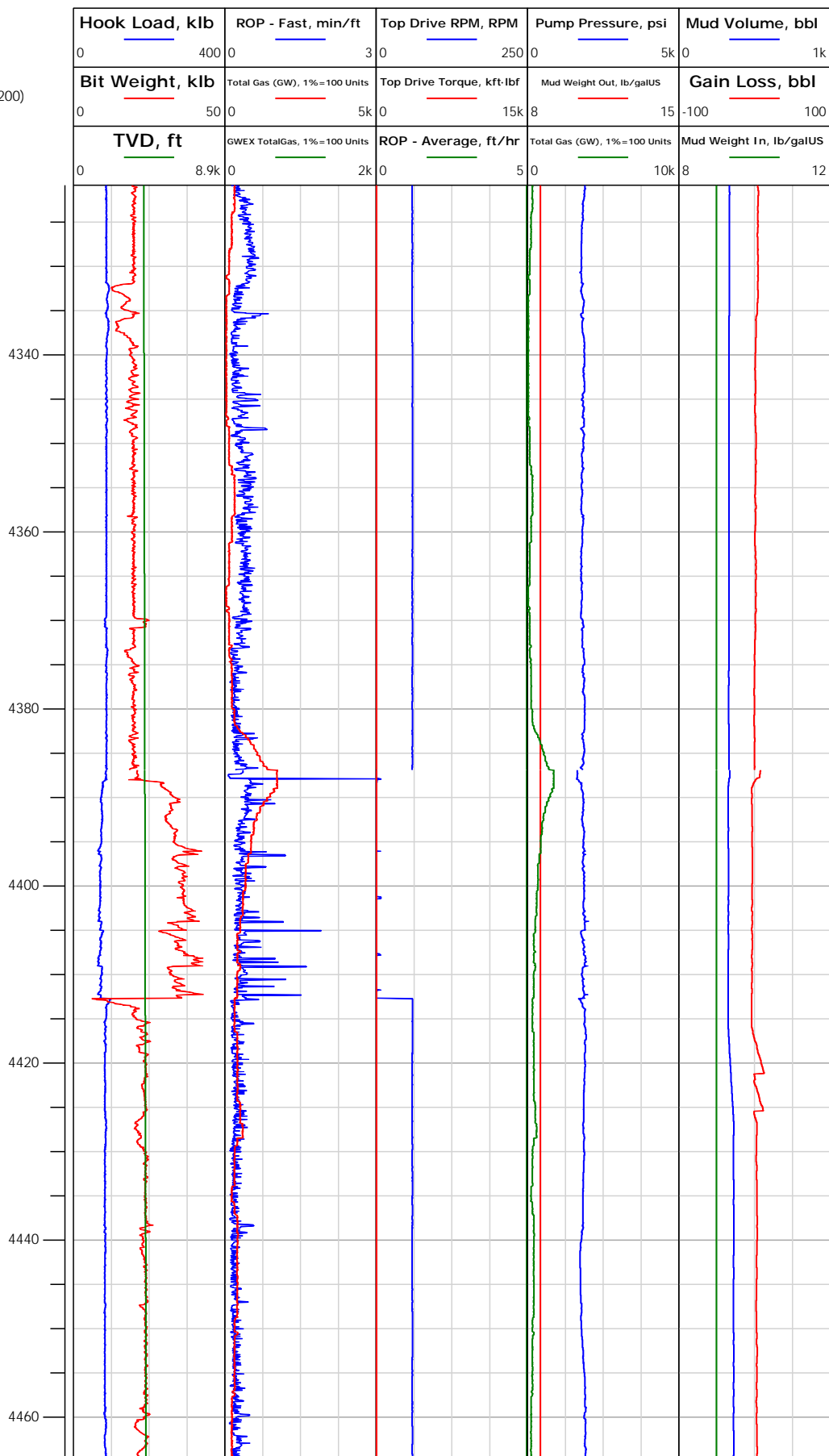
05:08

05:17

05:24

05:29

05:33





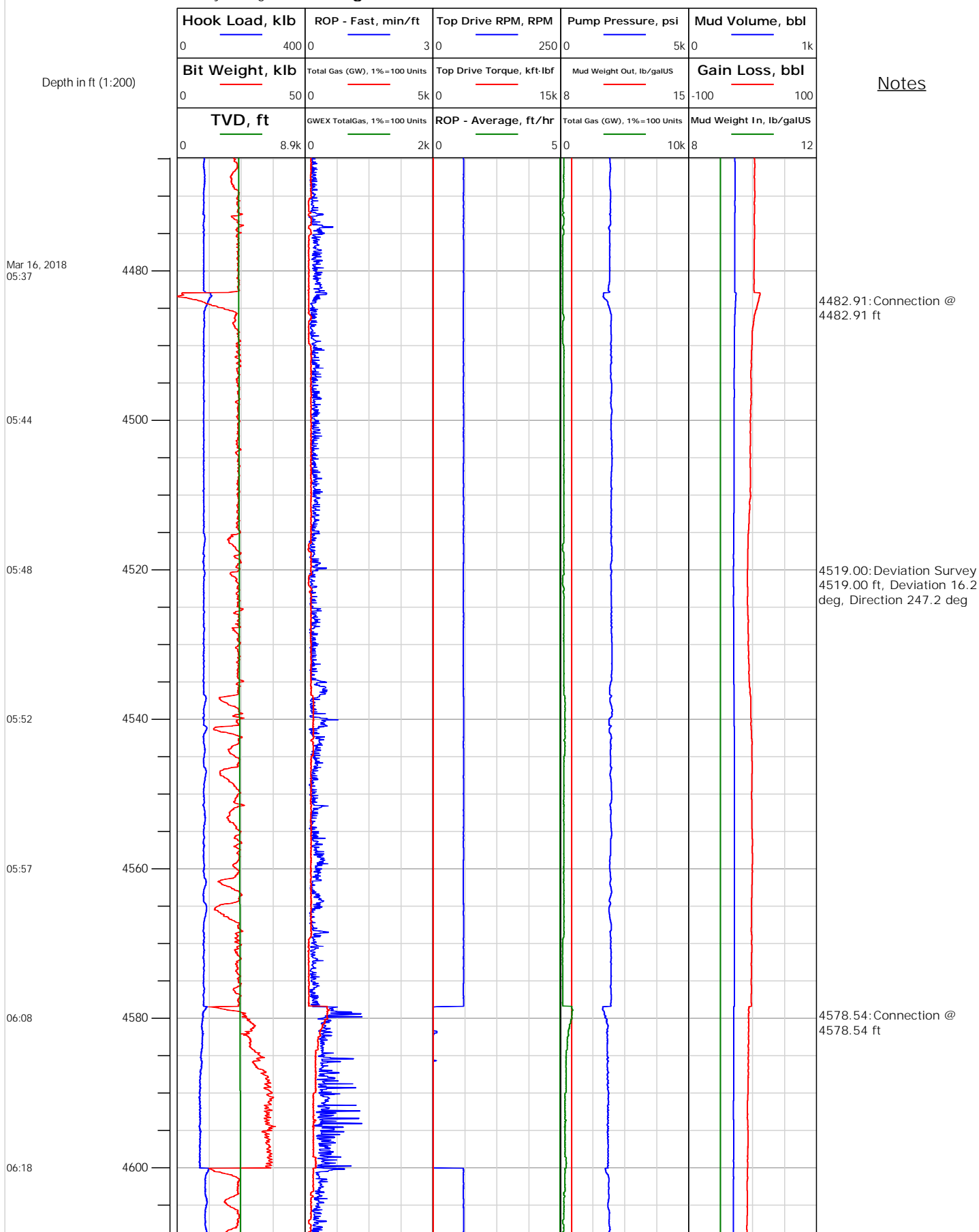
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**Rig:** 290

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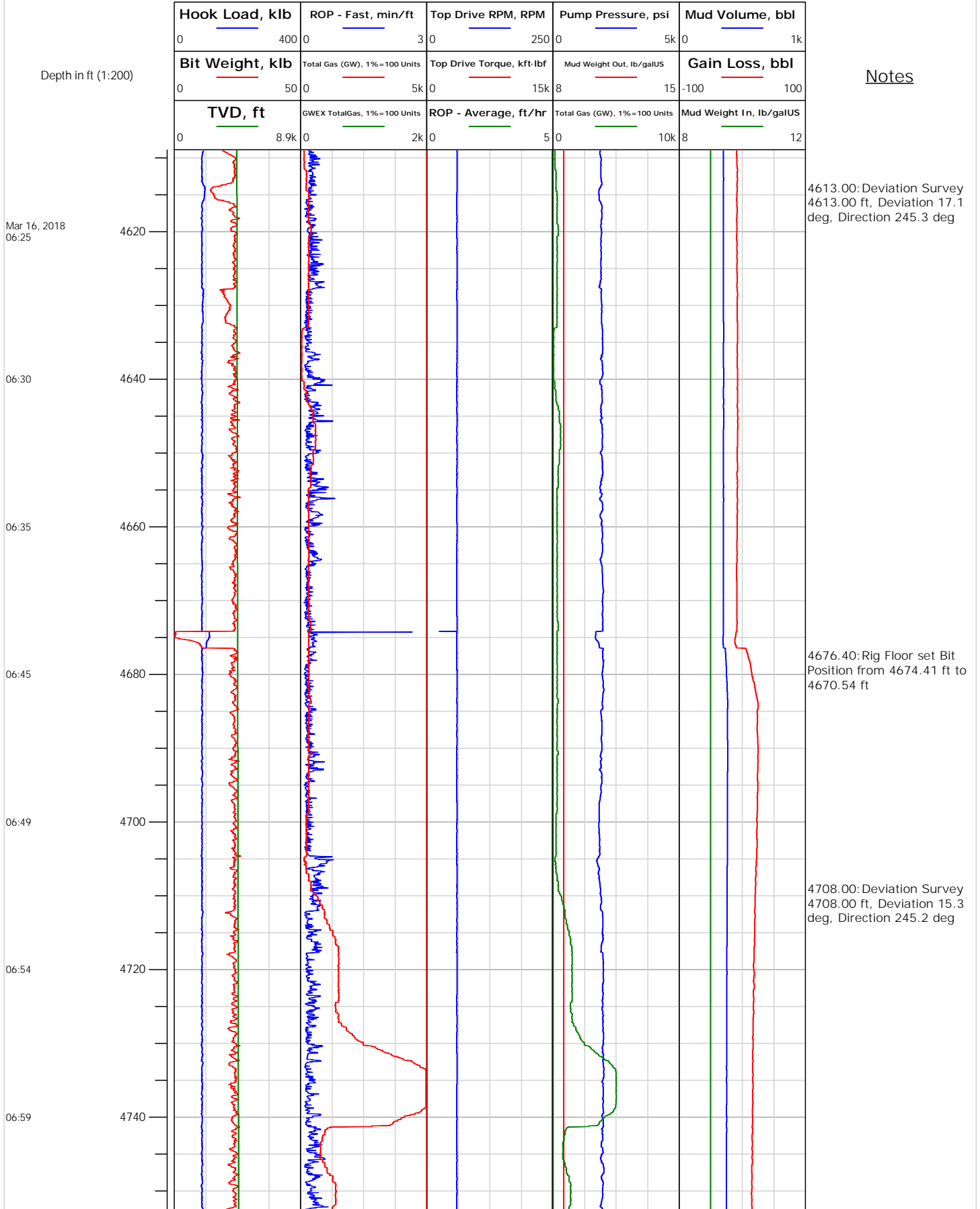
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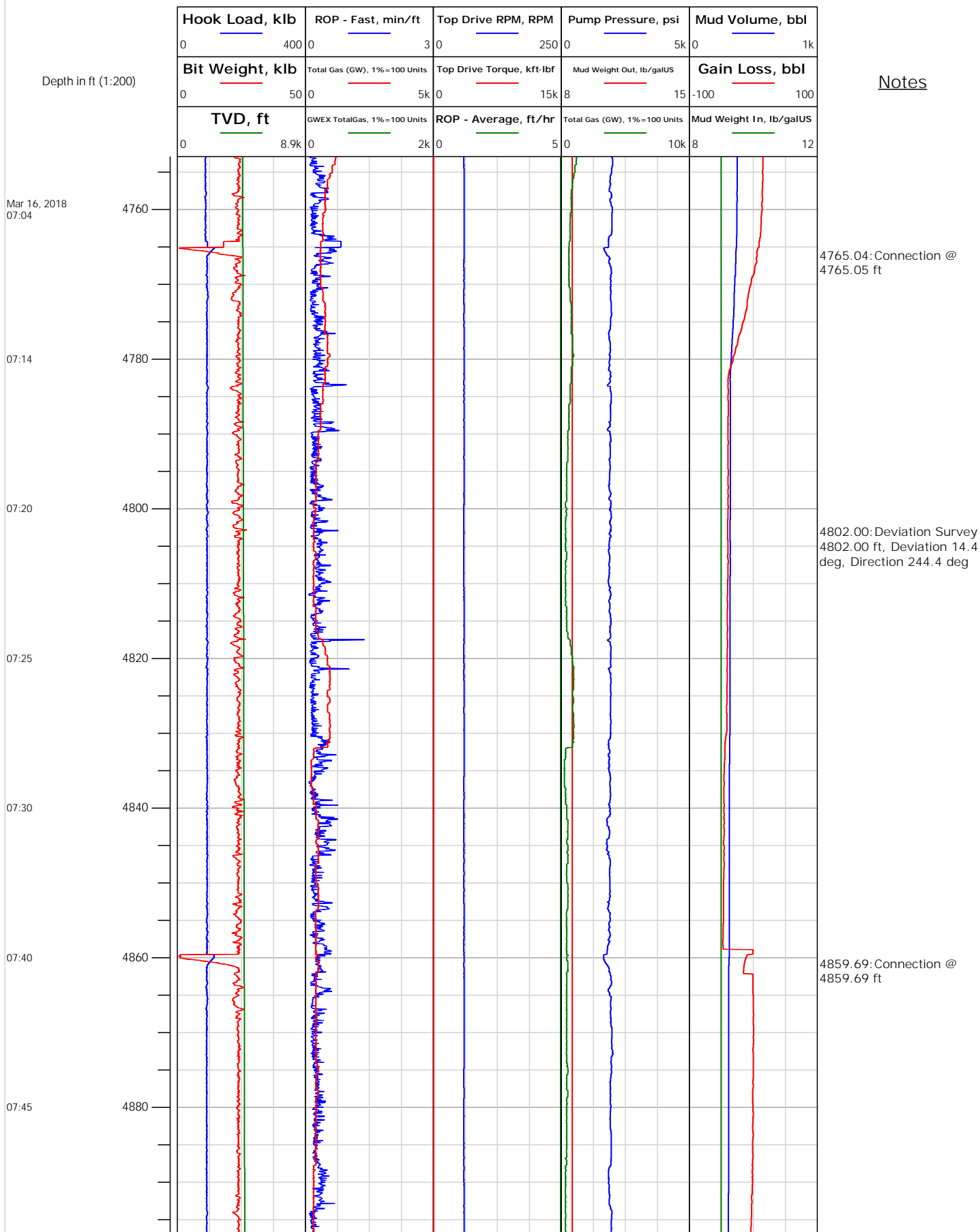
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**Rig:** 290

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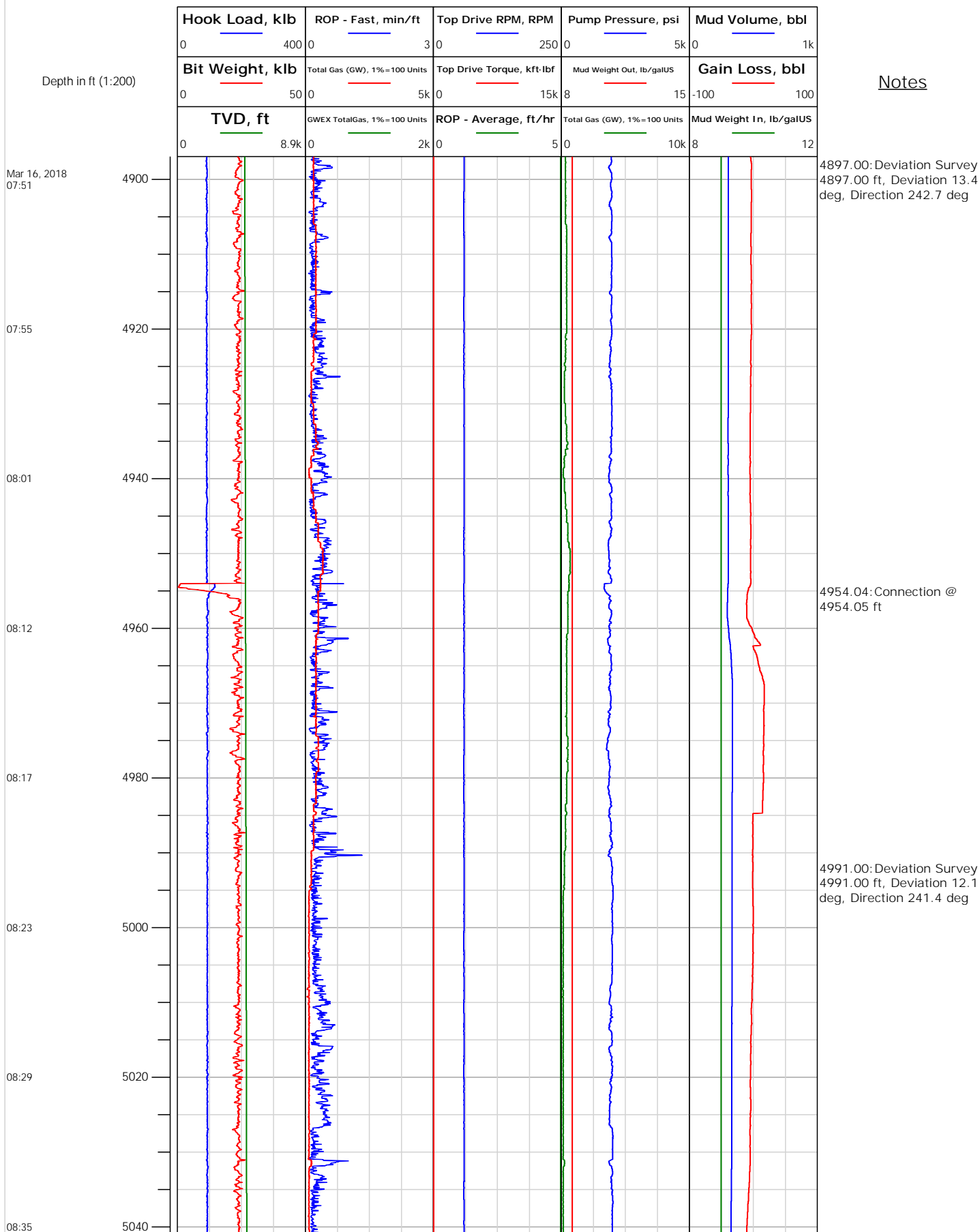
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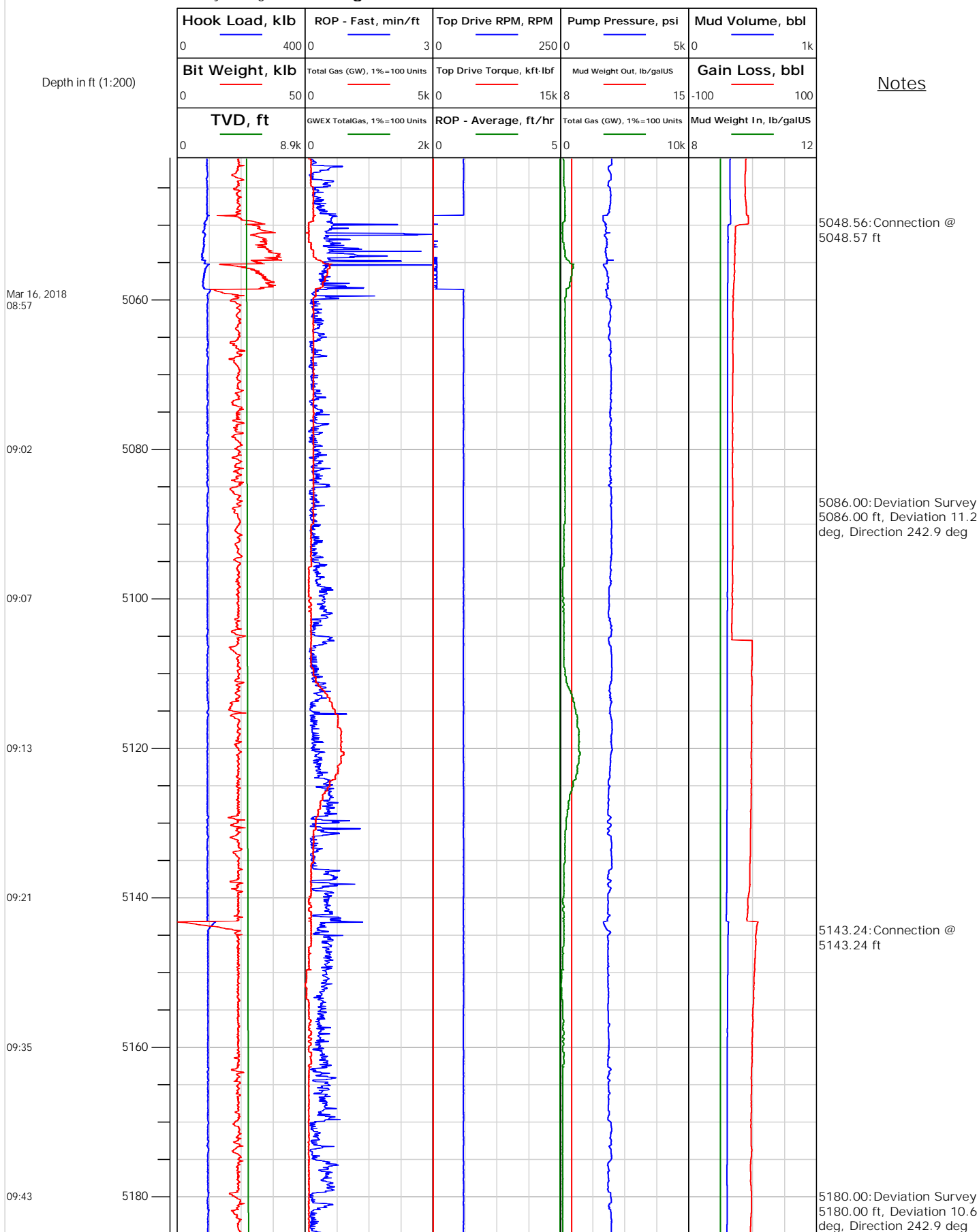
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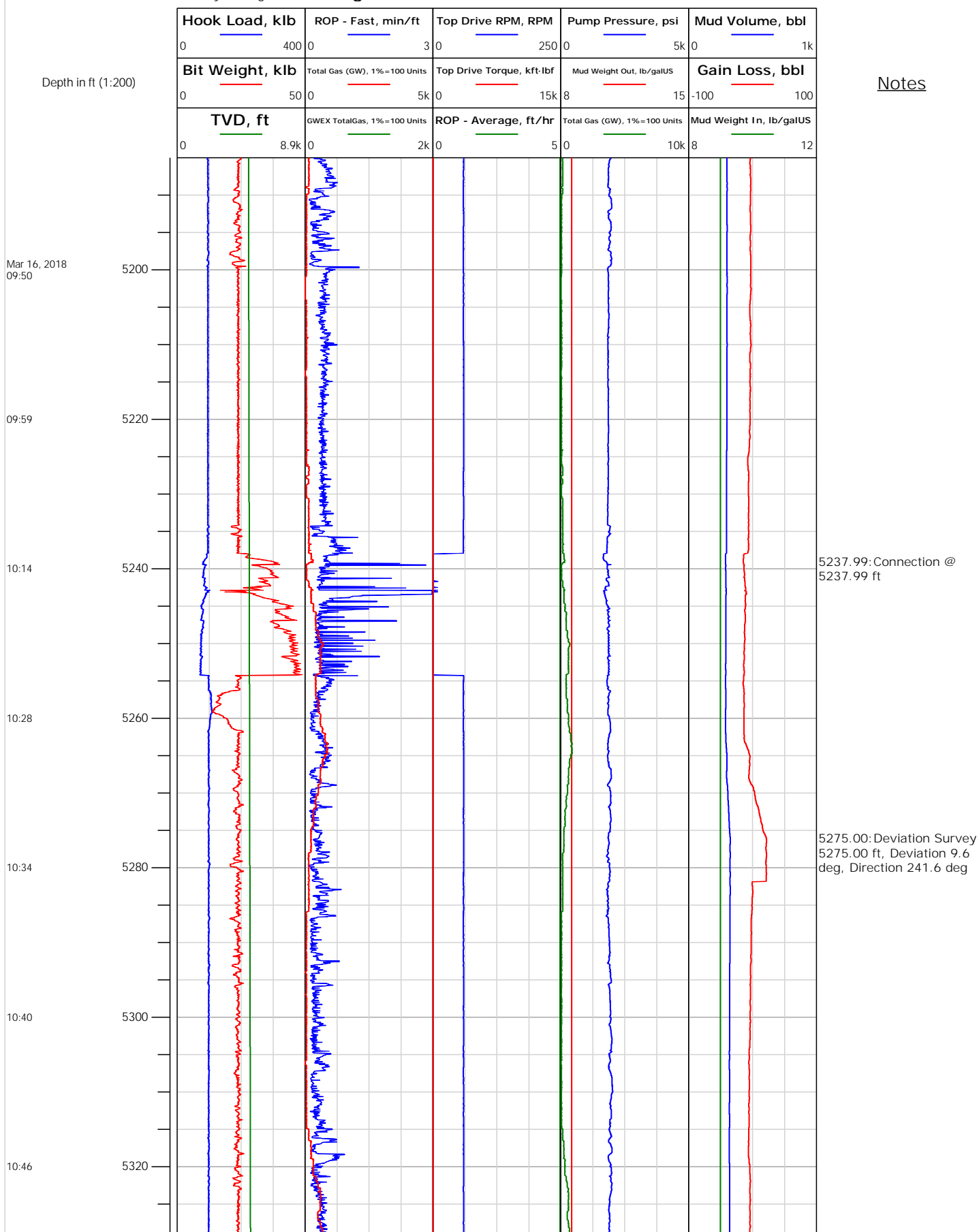
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**Rig:** 290

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Depth in ft (1:200)

Mar 16, 2018  
11:01

11:14

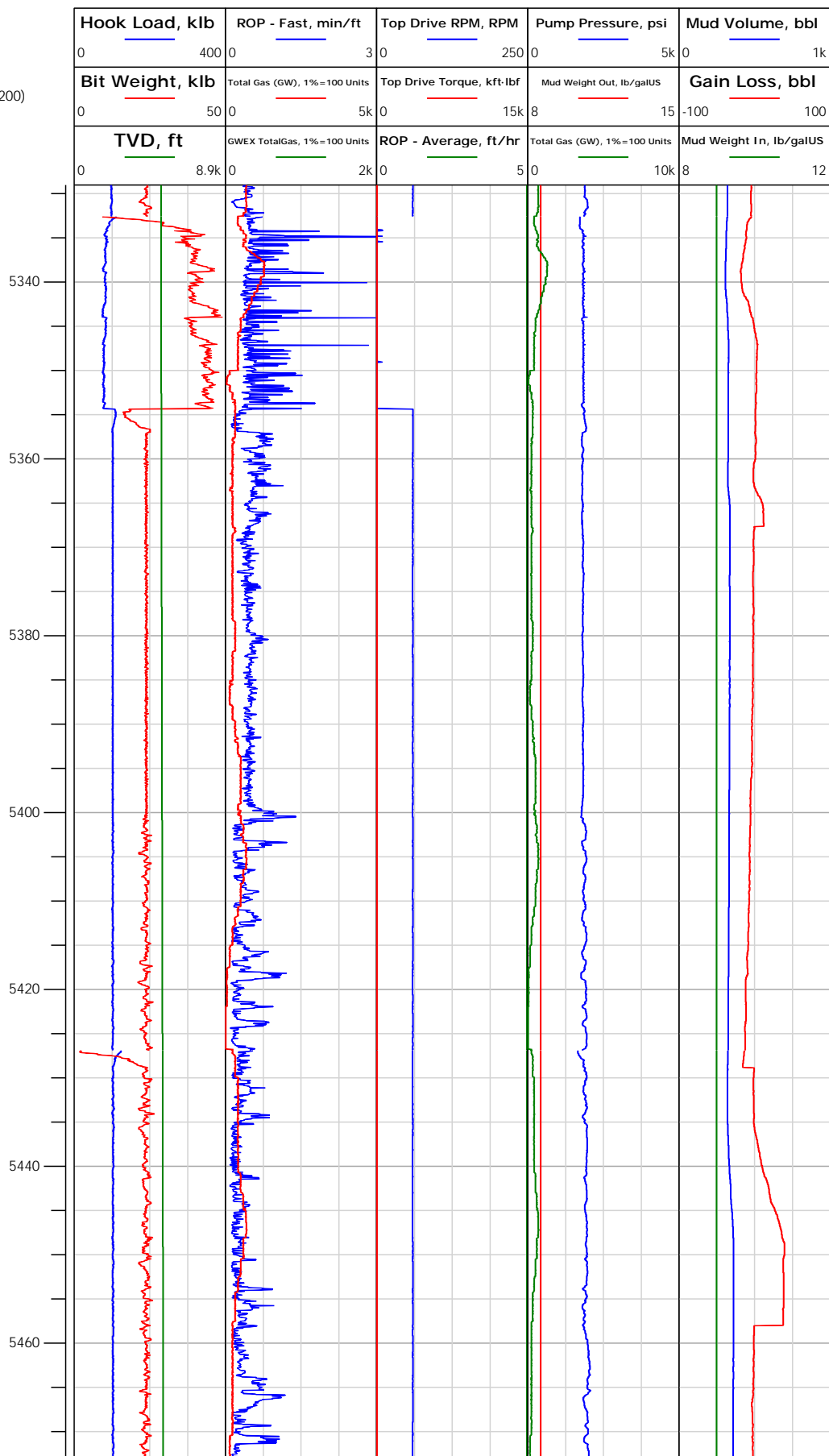
11:24

11:34

11:43

11:54

12:00





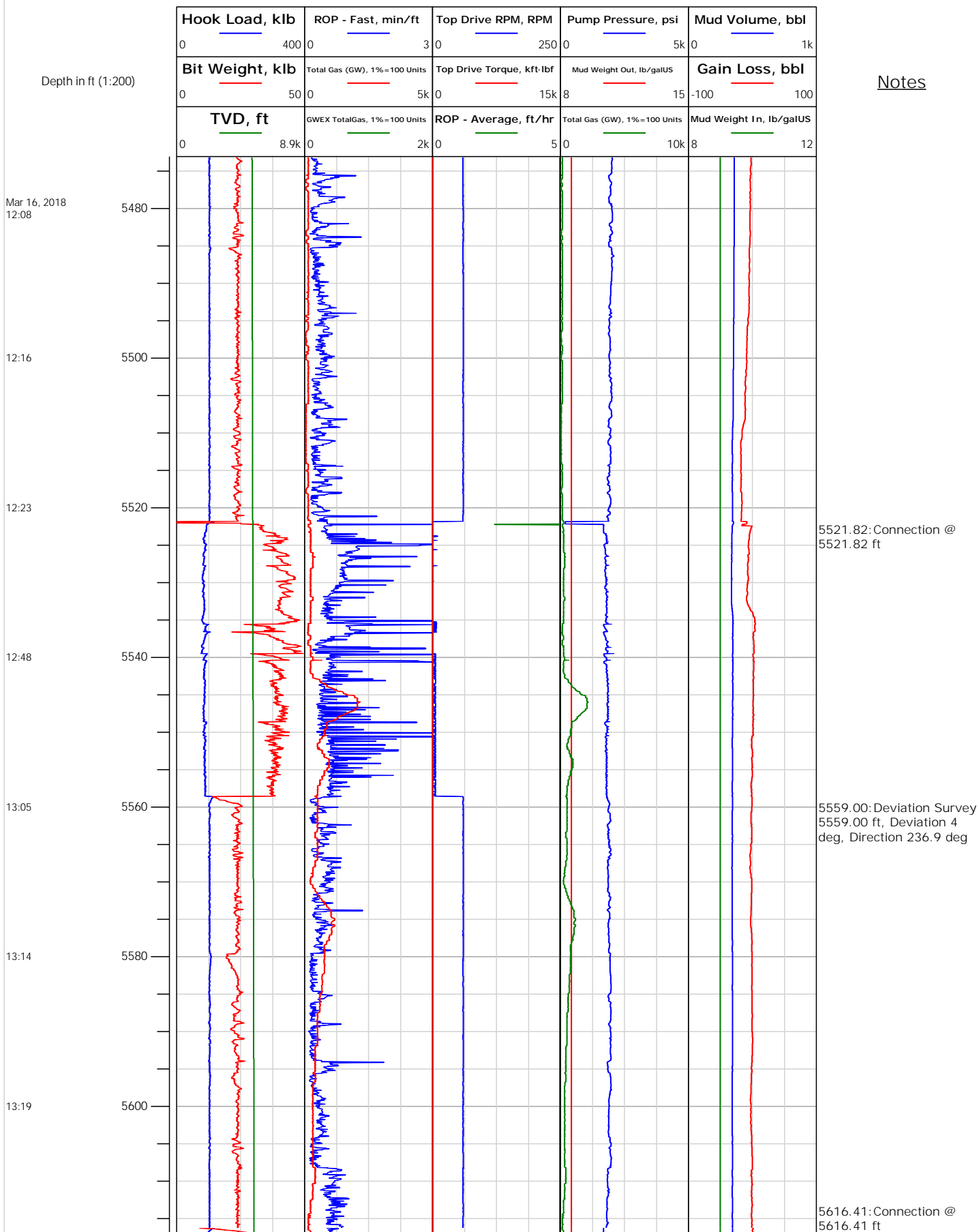
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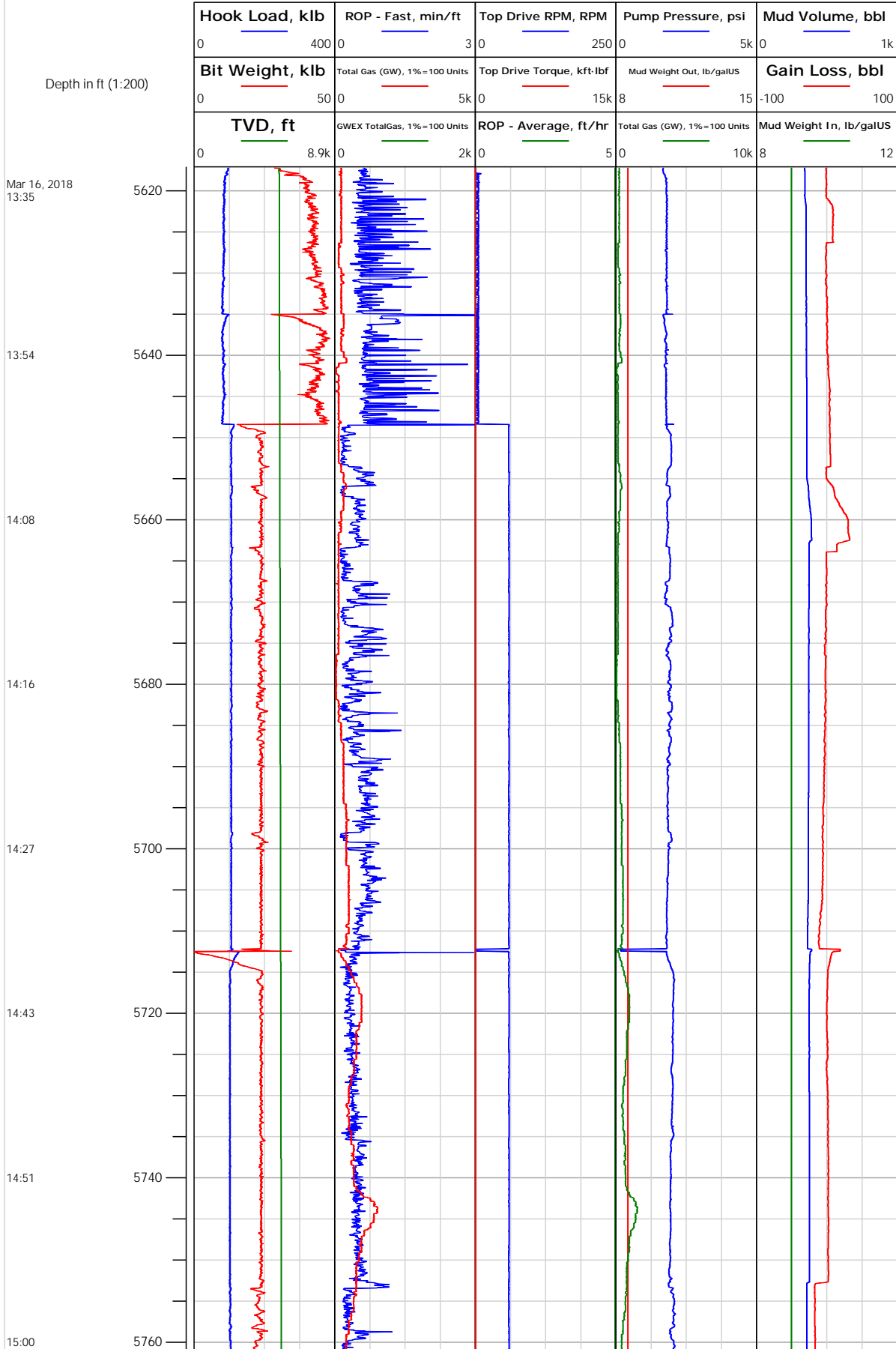
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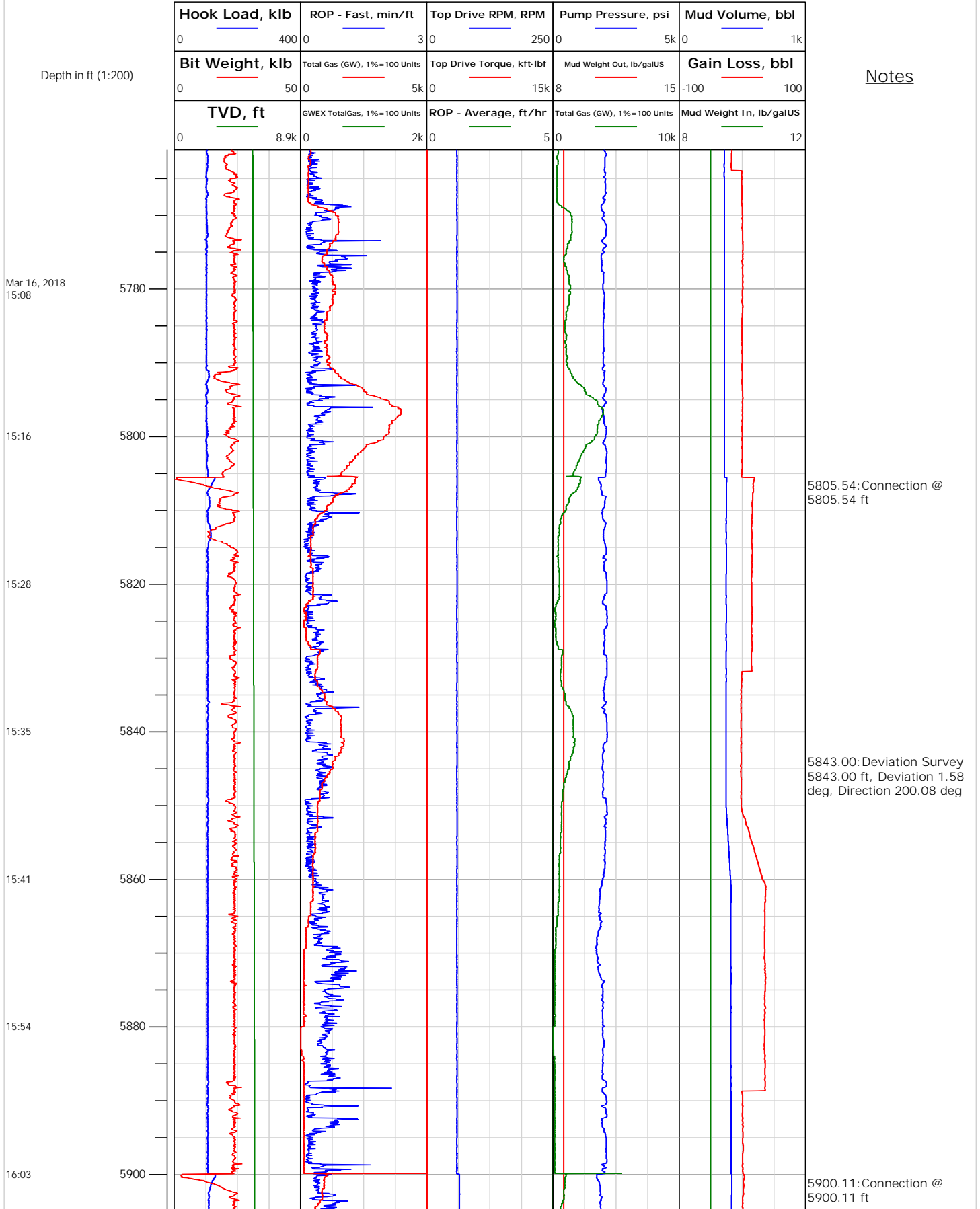
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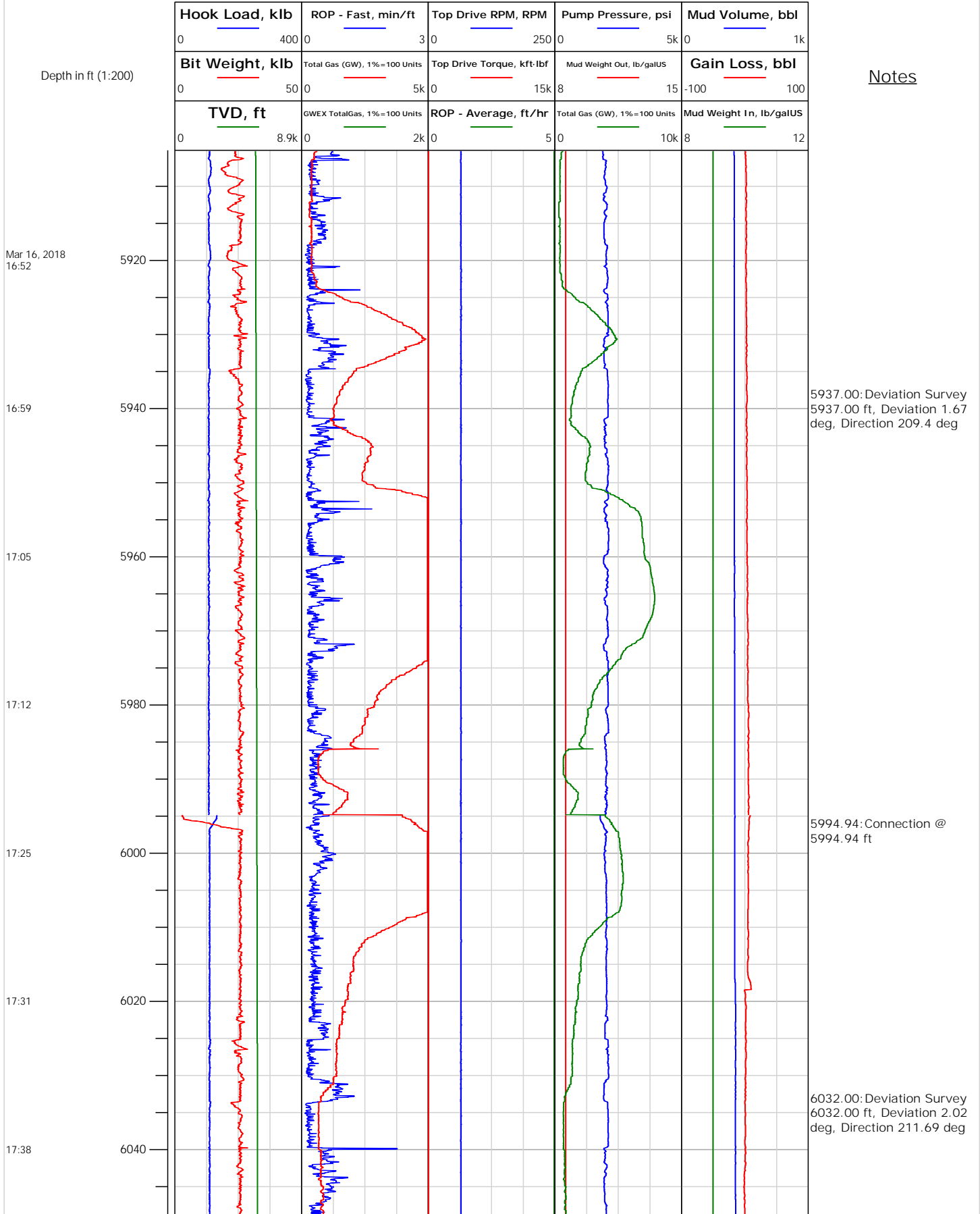
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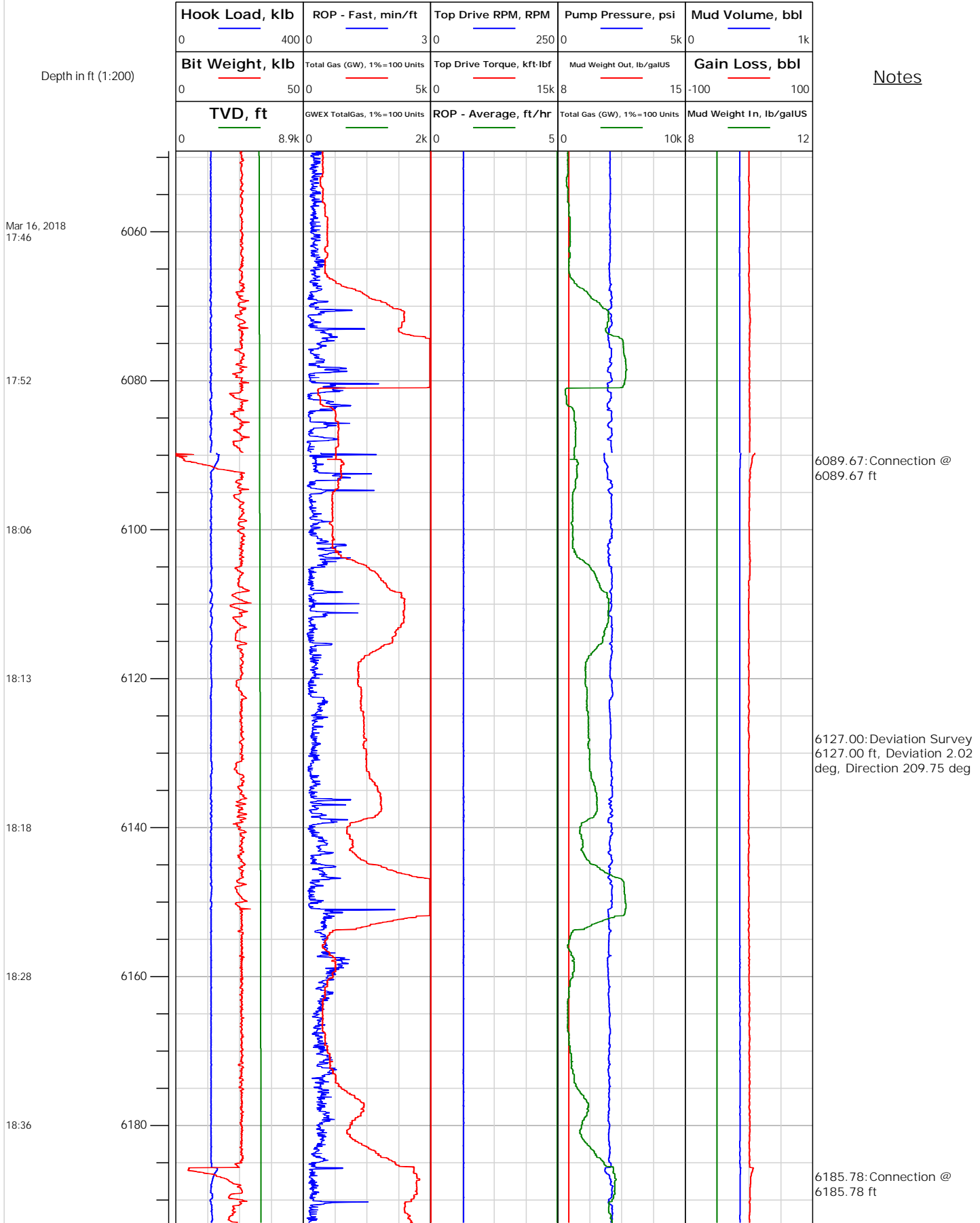
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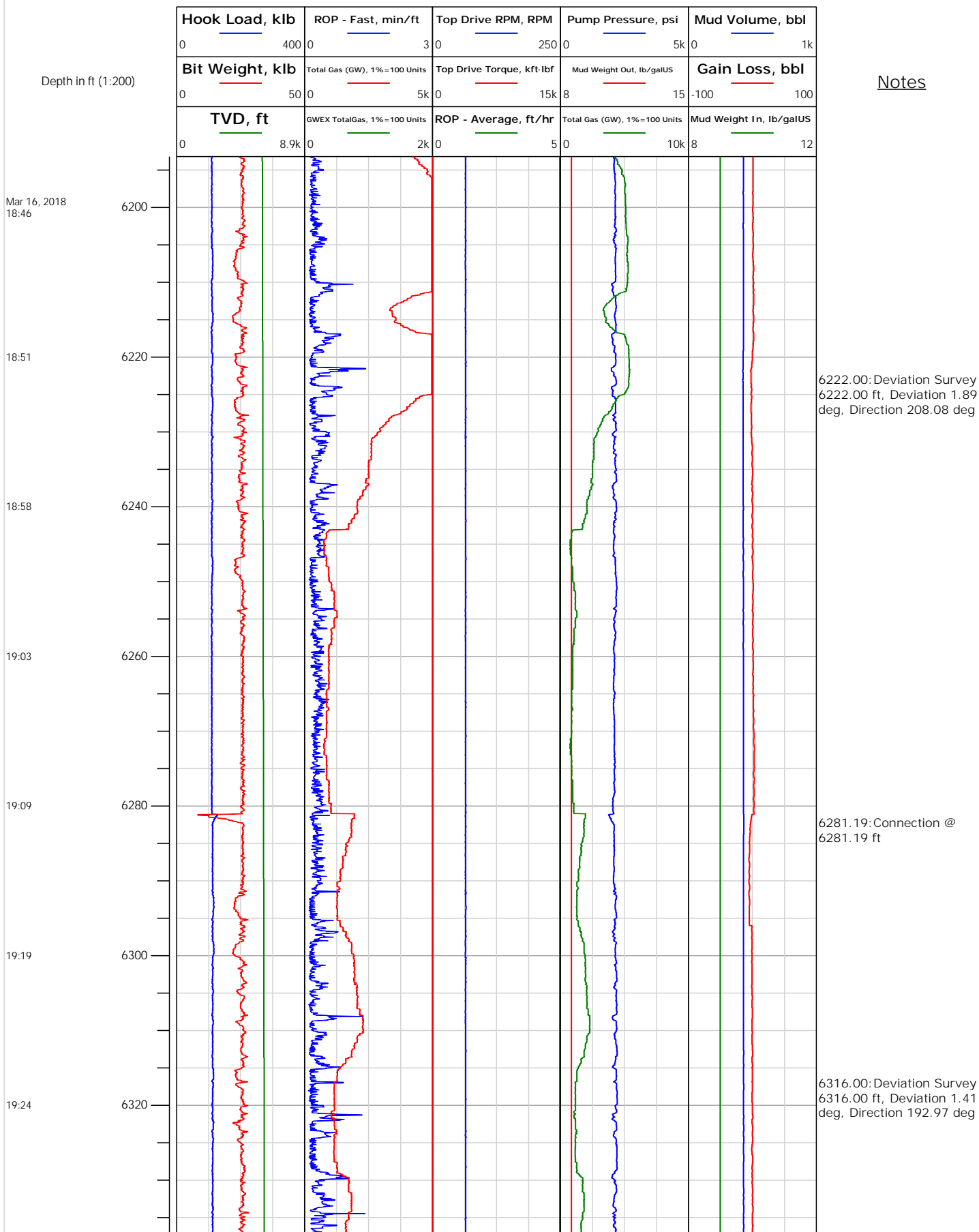
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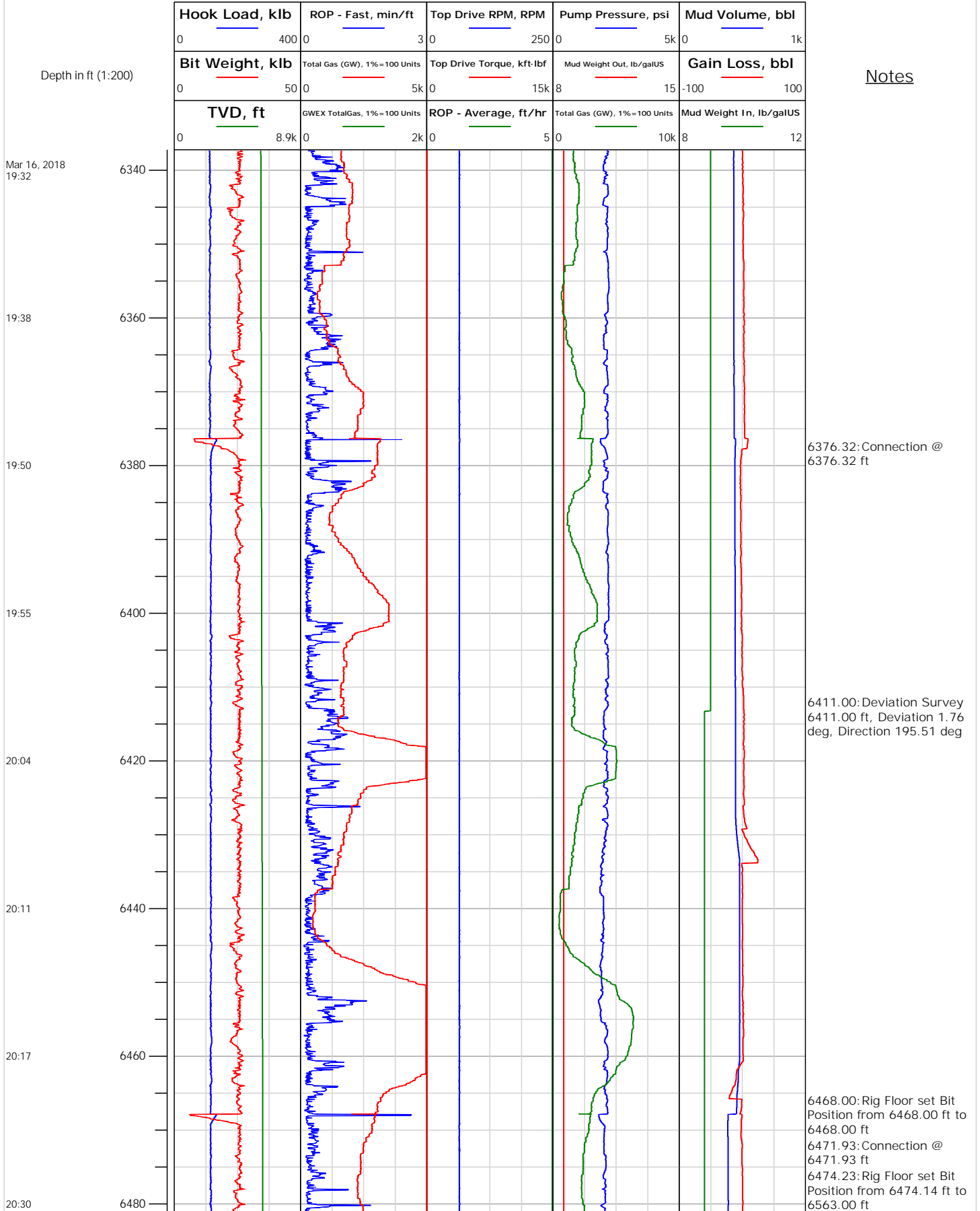
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Notes

Depth in ft (1:200)

Mar 16, 2018  
20:39

20:44

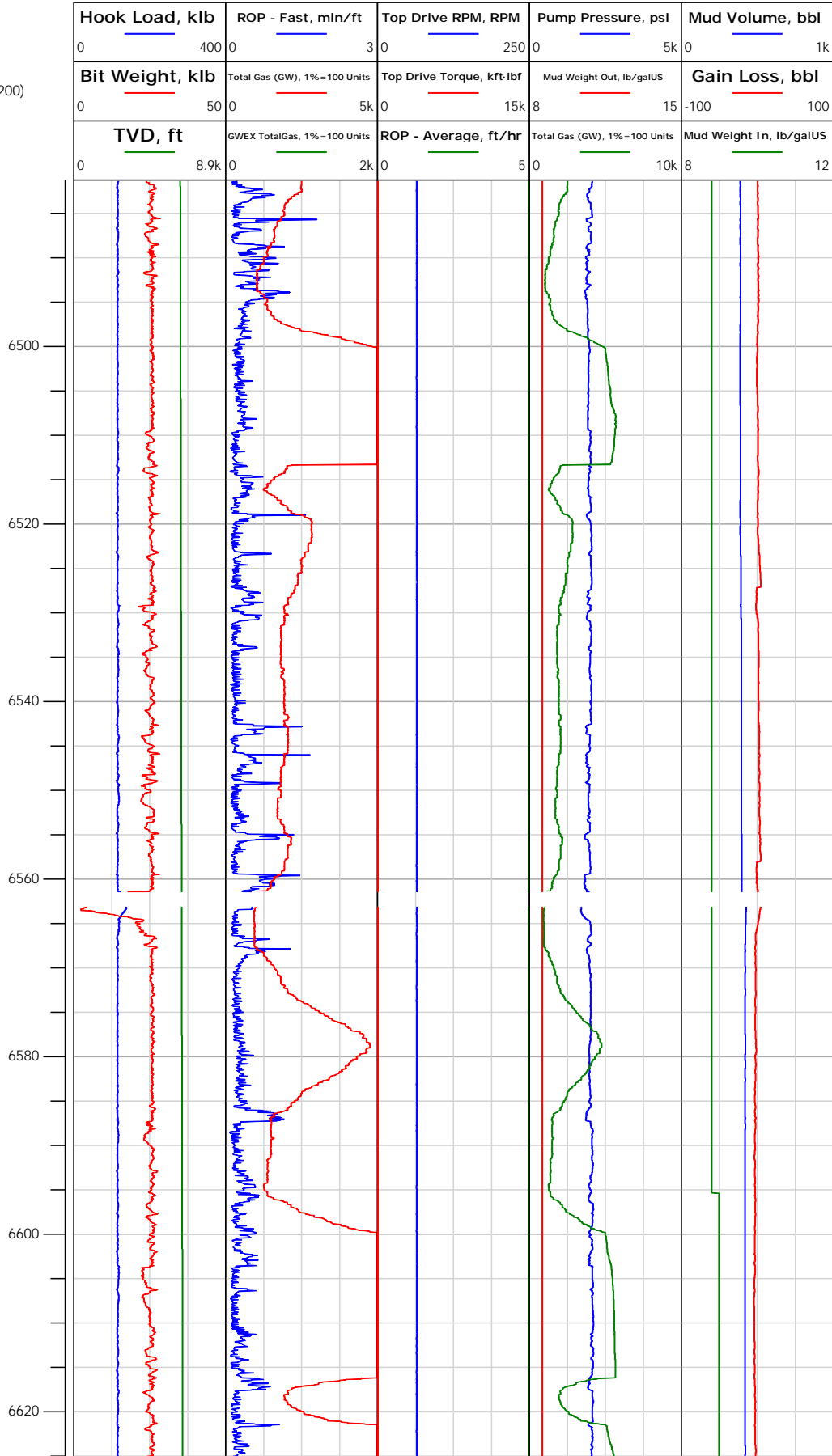
20:49

20:56

21:06

21:12

21:17





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**Rig:** 290

**Location:**

Notes

Depth in ft (1:200)

Mar 16, 2018  
21:22

21:33

21:39

21:45

21:53

21:59

22:09

6640

6660

6680

6700

6720

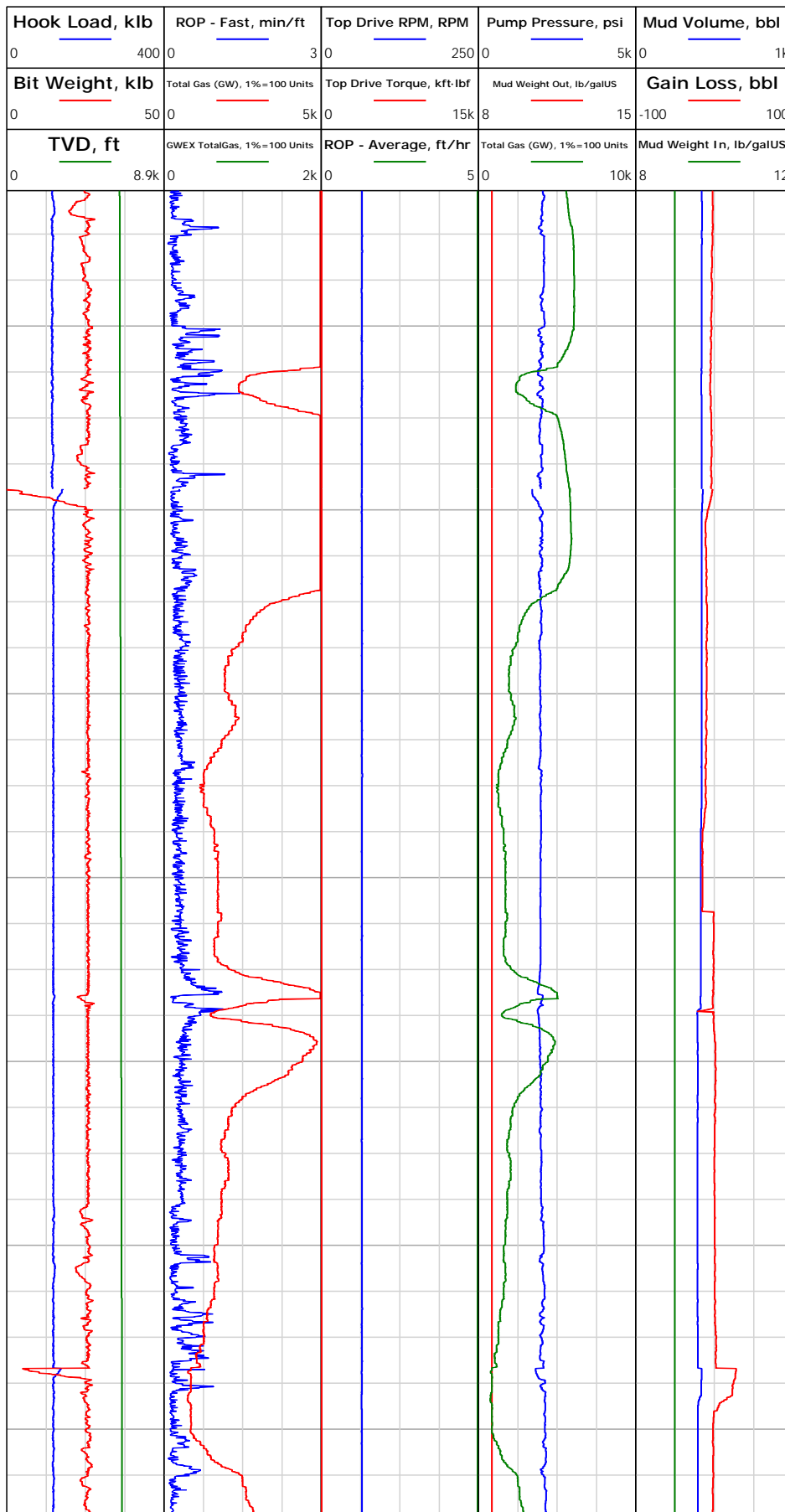
6740

6760

6657.75: Connection @  
6657.75 ft

6695.00: Deviation Survey  
6695.00 ft, Deviation 2.46  
deg, Direction 224.43 deg

6753.53: Connection @  
6753.53 ft





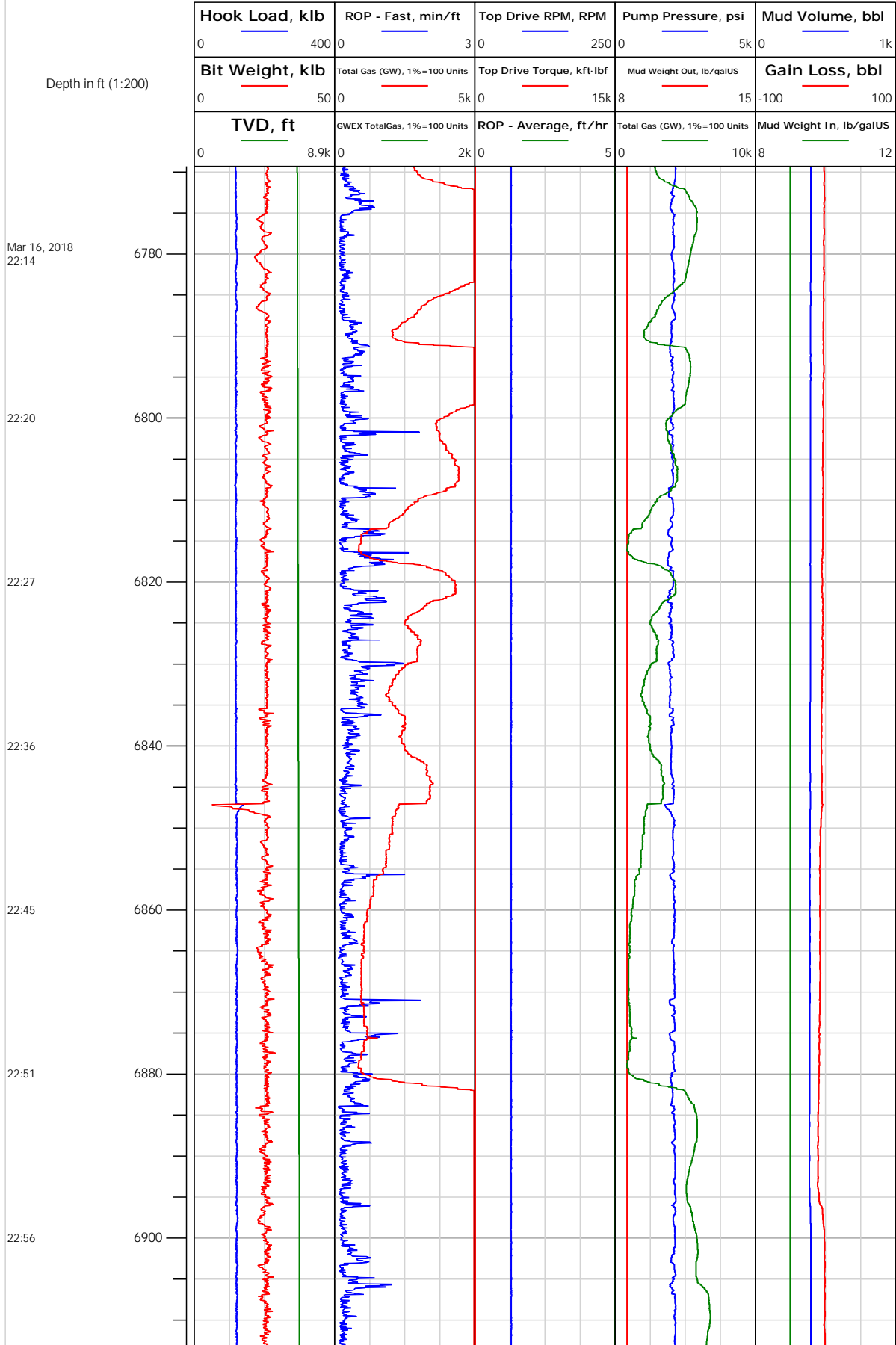
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Notes

Depth in ft (1:200)

Mar 16, 2018  
23:02

23:12

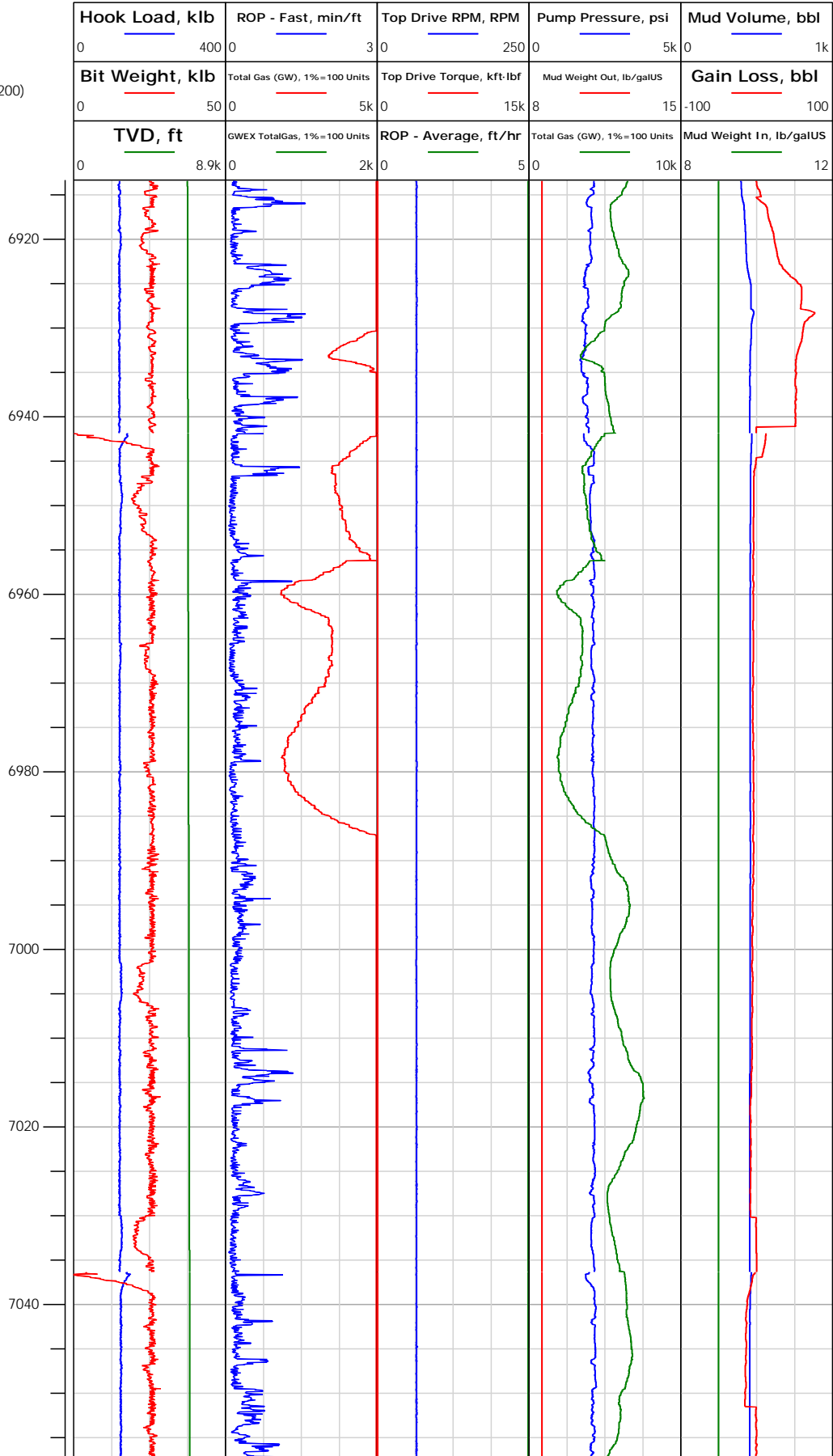
23:21

23:26

23:30

23:36

23:44



6941.79: Connection @  
6941.79 ft

6979.00: Deviation Survey  
6979.00 ft, Deviation 2.55  
deg, Direction 208.61 deg

7036.45: Connection @  
7036.45 ft



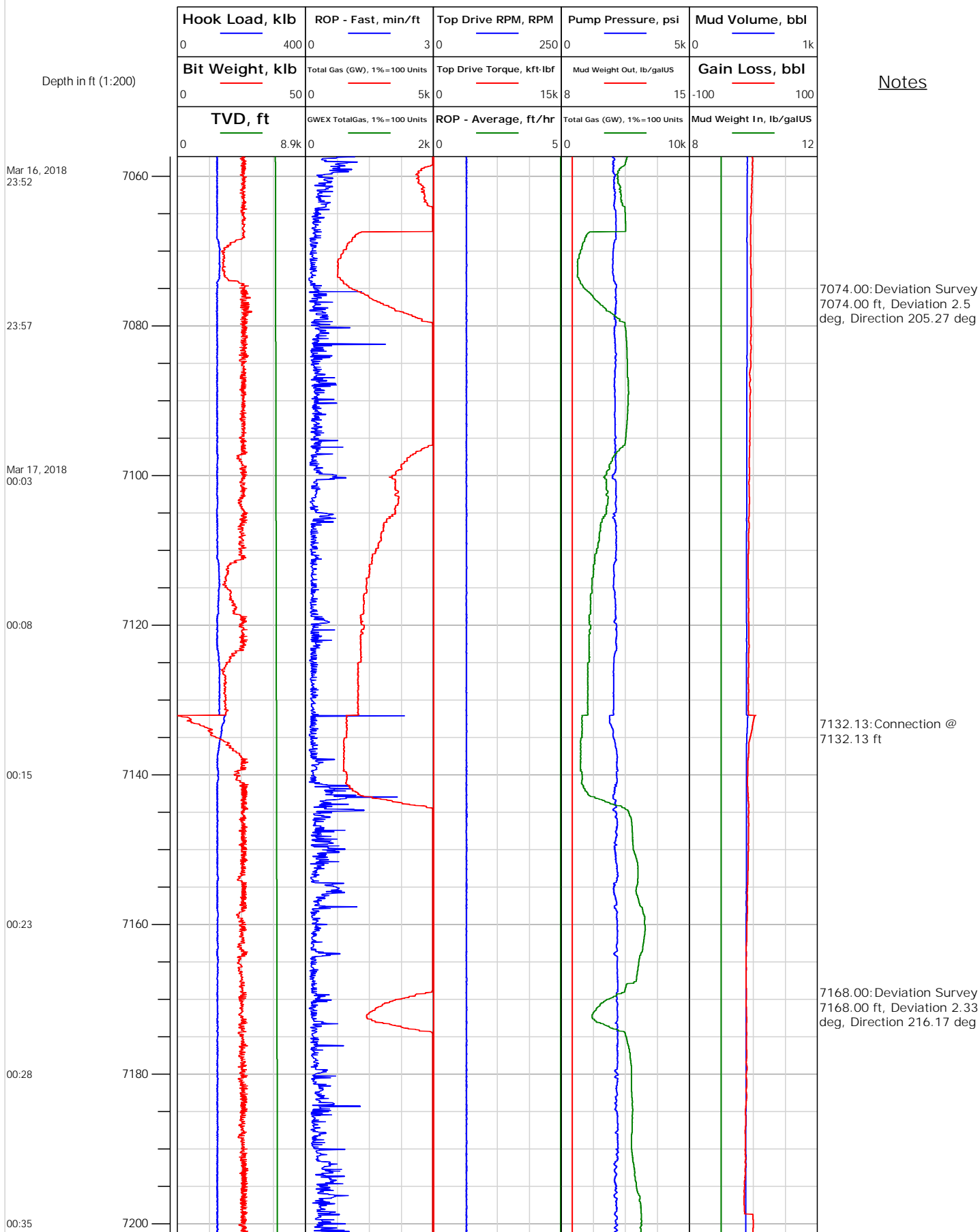
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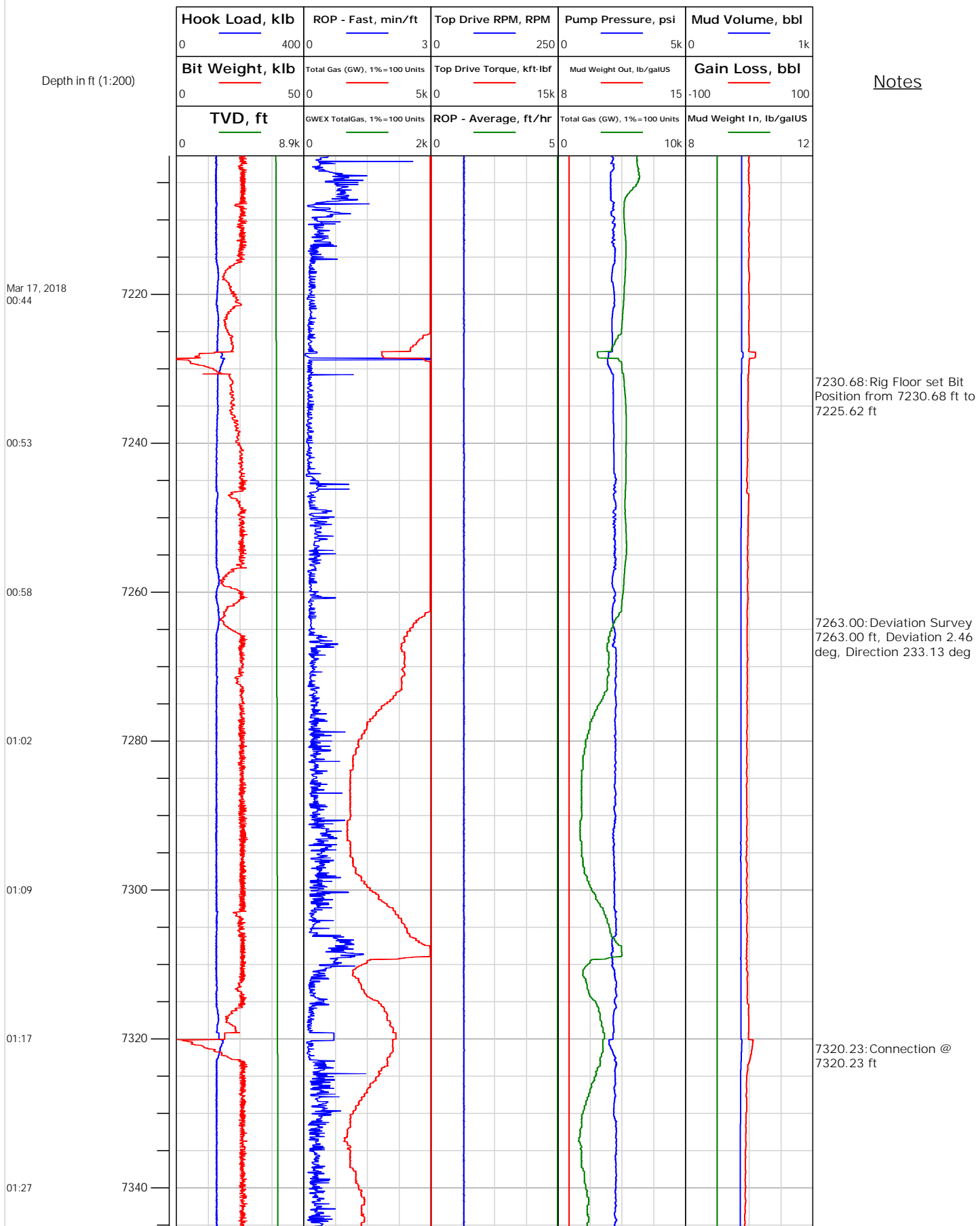
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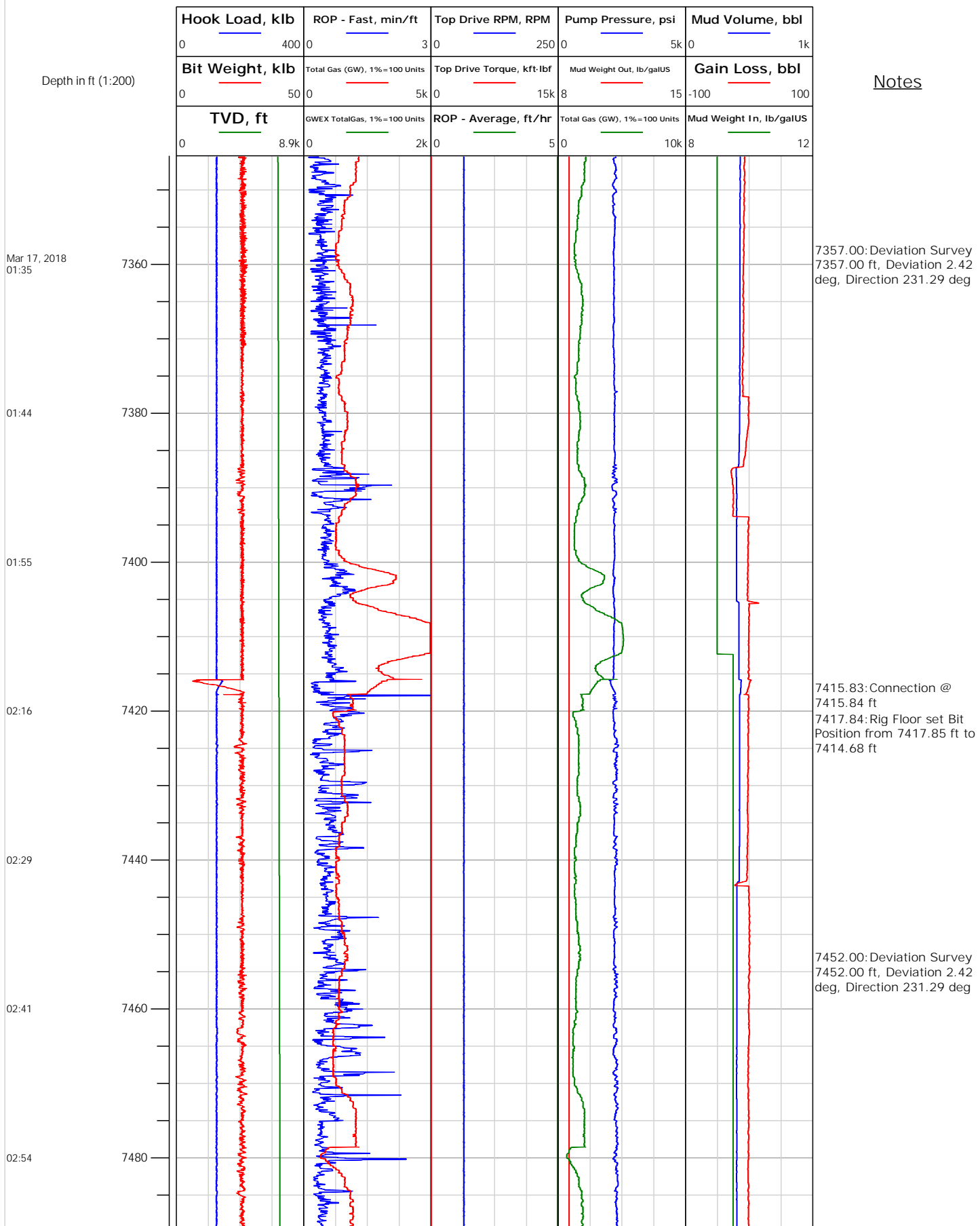
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Depth in ft (1:200)

Mar 17, 2018  
03:03

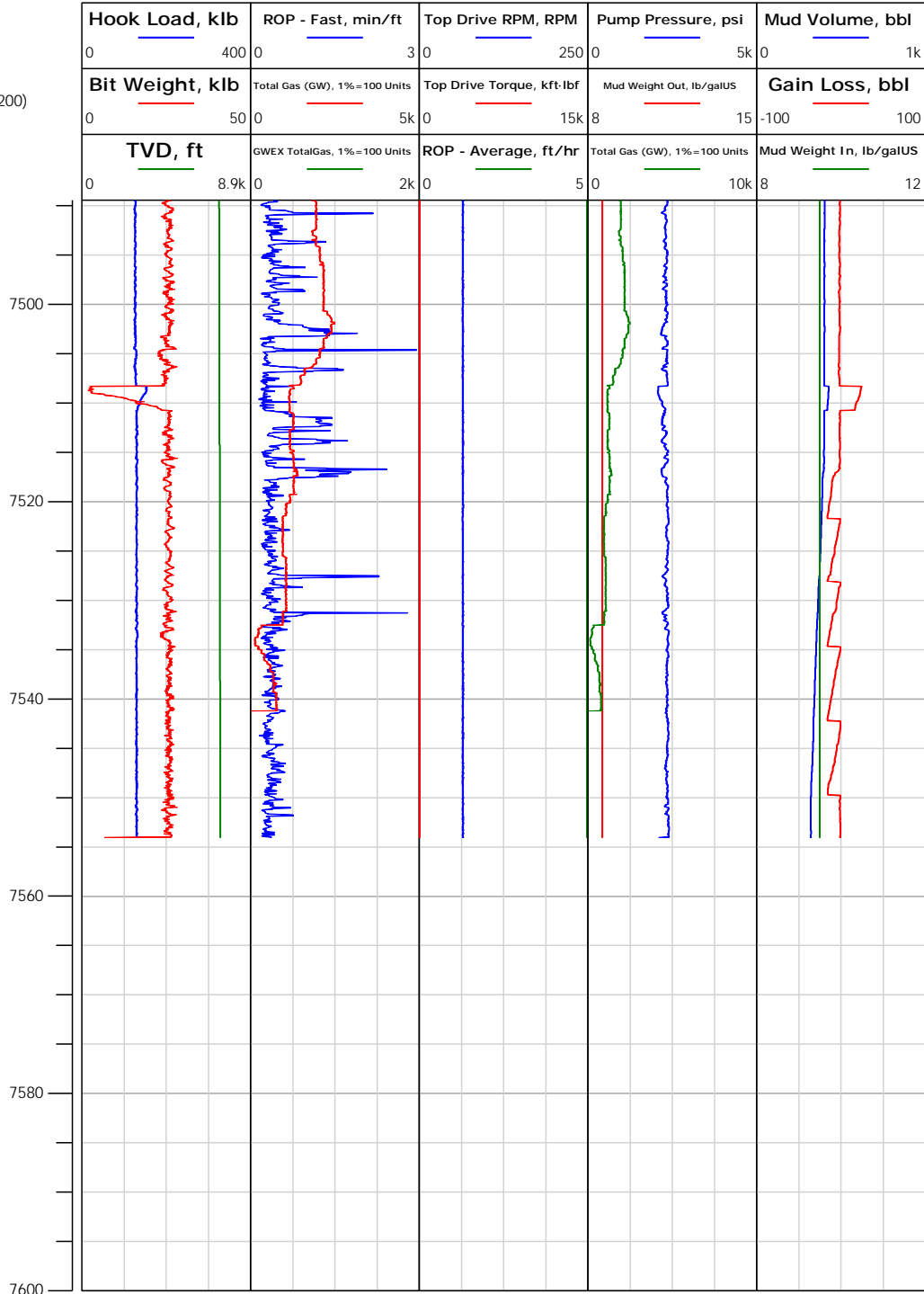
03:21

03:29

03:34

03:34

03:34



7497.00: Deviation Survey  
7497.00 ft, Deviation 2.5  
deg, Direction 230.76 deg

7508.26: Connection @  
7508.26 ft  
7510.74: Rig Floor set Bit  
Position from 7509.94 ft to  
7509.00 ft

7554.00: Deviation Survey  
7554.00 ft, Deviation 2.5  
deg, Direction 230.76 deg