



# Electronic Drilling Recorder

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

**Well Name:** GUNDERSON 0994-13-12W  
**Rig:** 522

**Location:**

## Notes

Mar 20, 2018  
 11:57

12:00

12:02

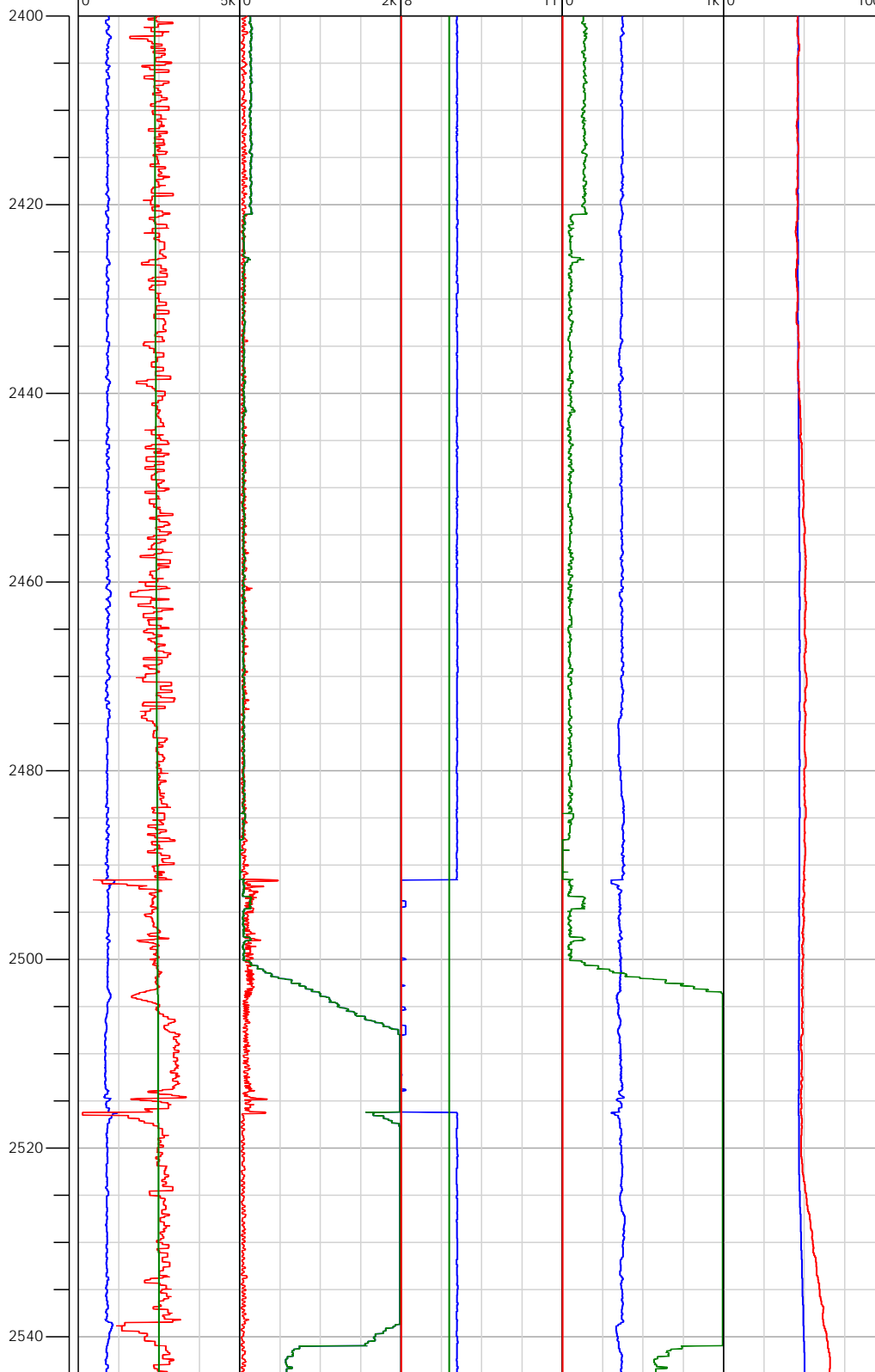
12:05

12:07

12:15

12:20

12:22



2433.00: Deviation Survey  
 2433.00 ft, Deviation 8.7  
 deg, Direction 353.1 deg

2491.63: Connection @  
 2491.64 ft

2527.00: Deviation Survey  
 2527.00 ft, Deviation 10  
 deg, Direction 356.3 deg



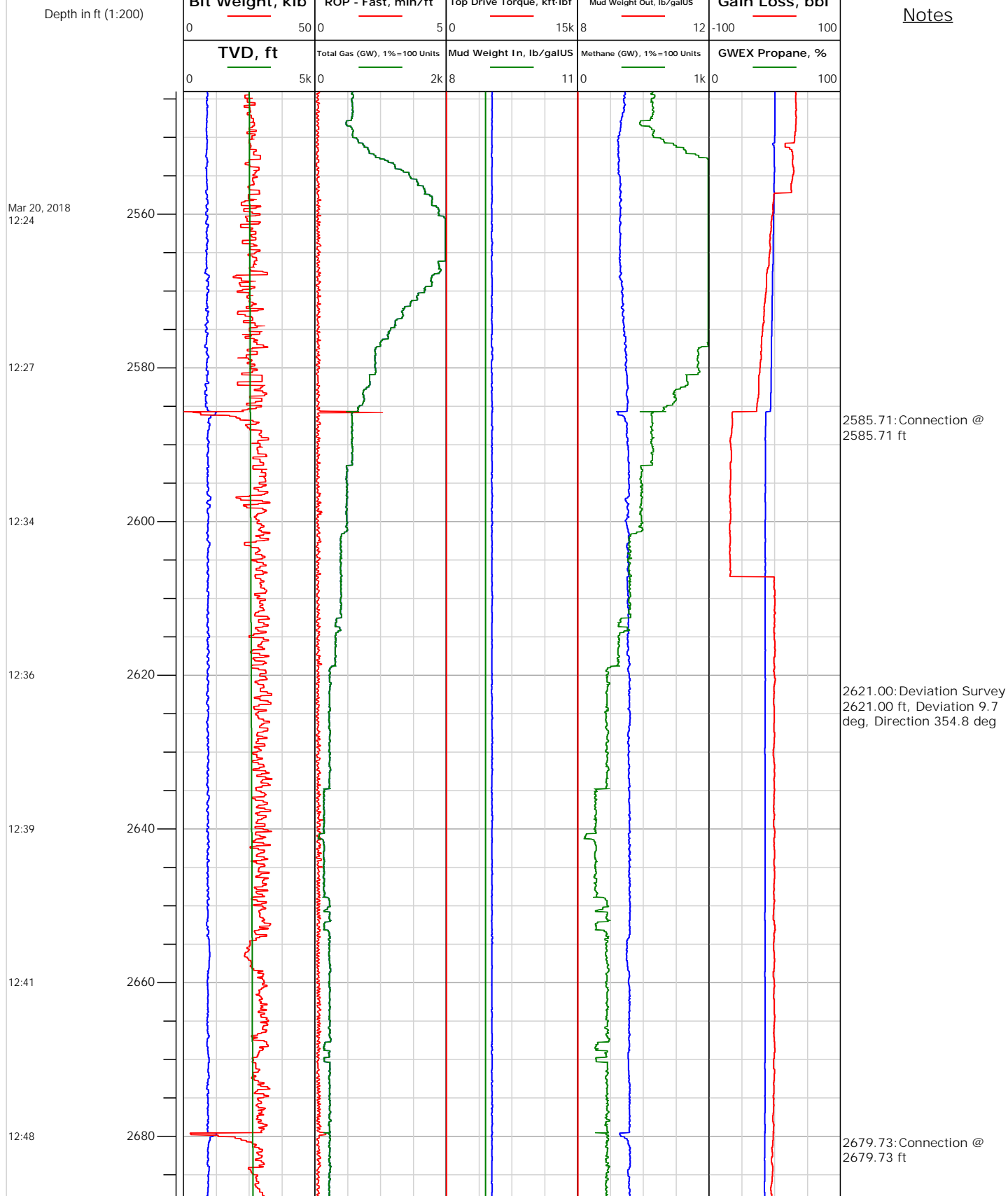
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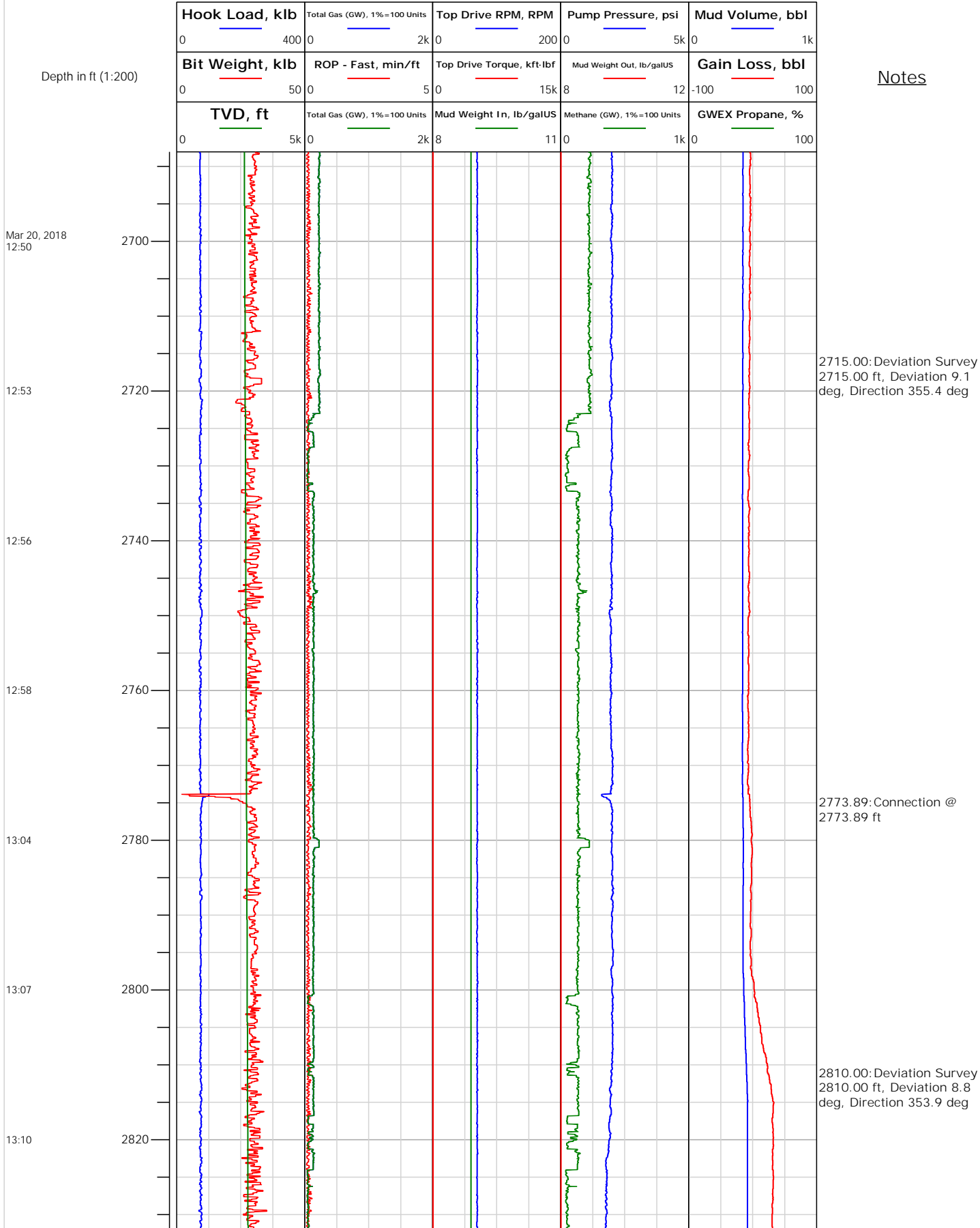
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**Location:**

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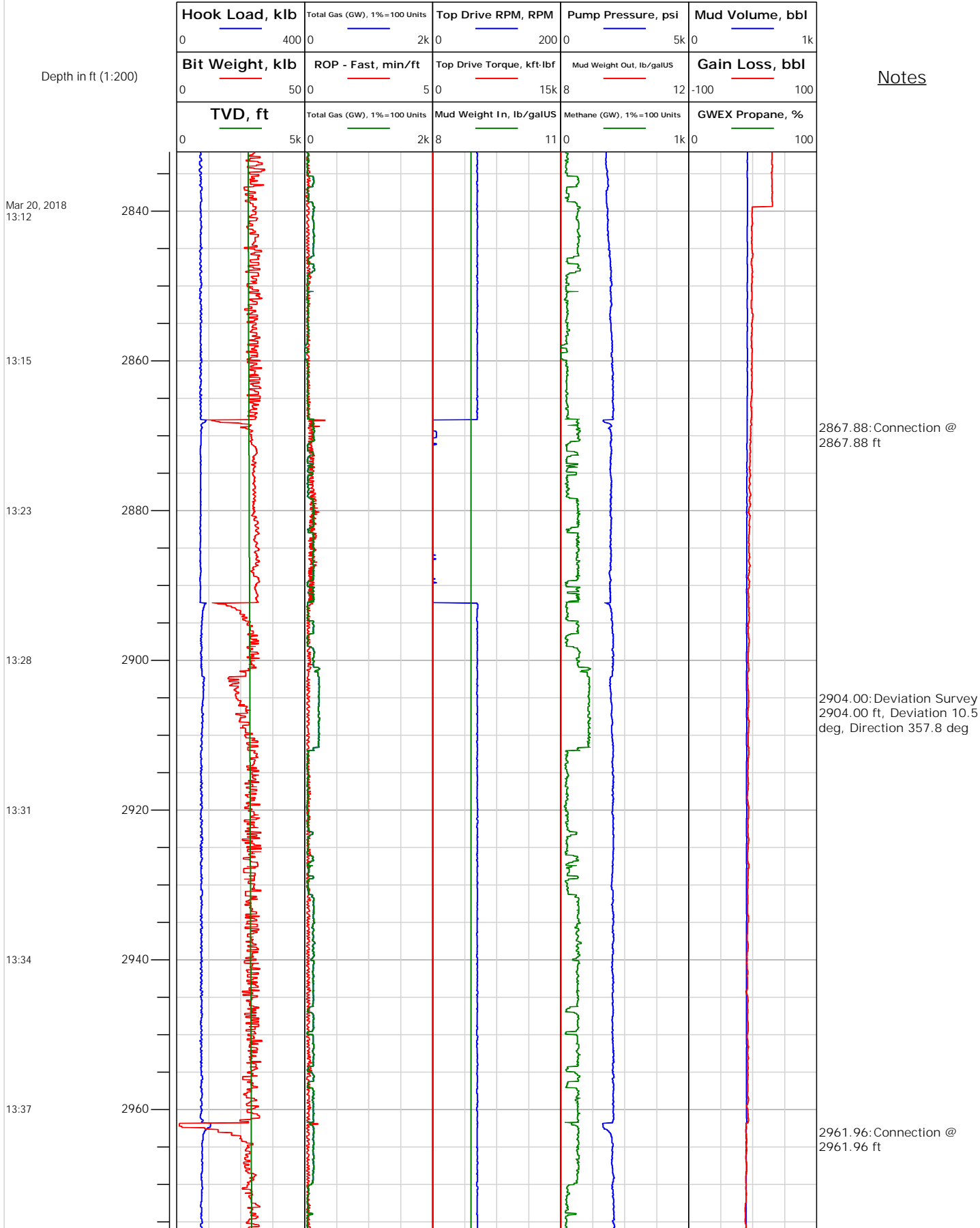
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**Location:**

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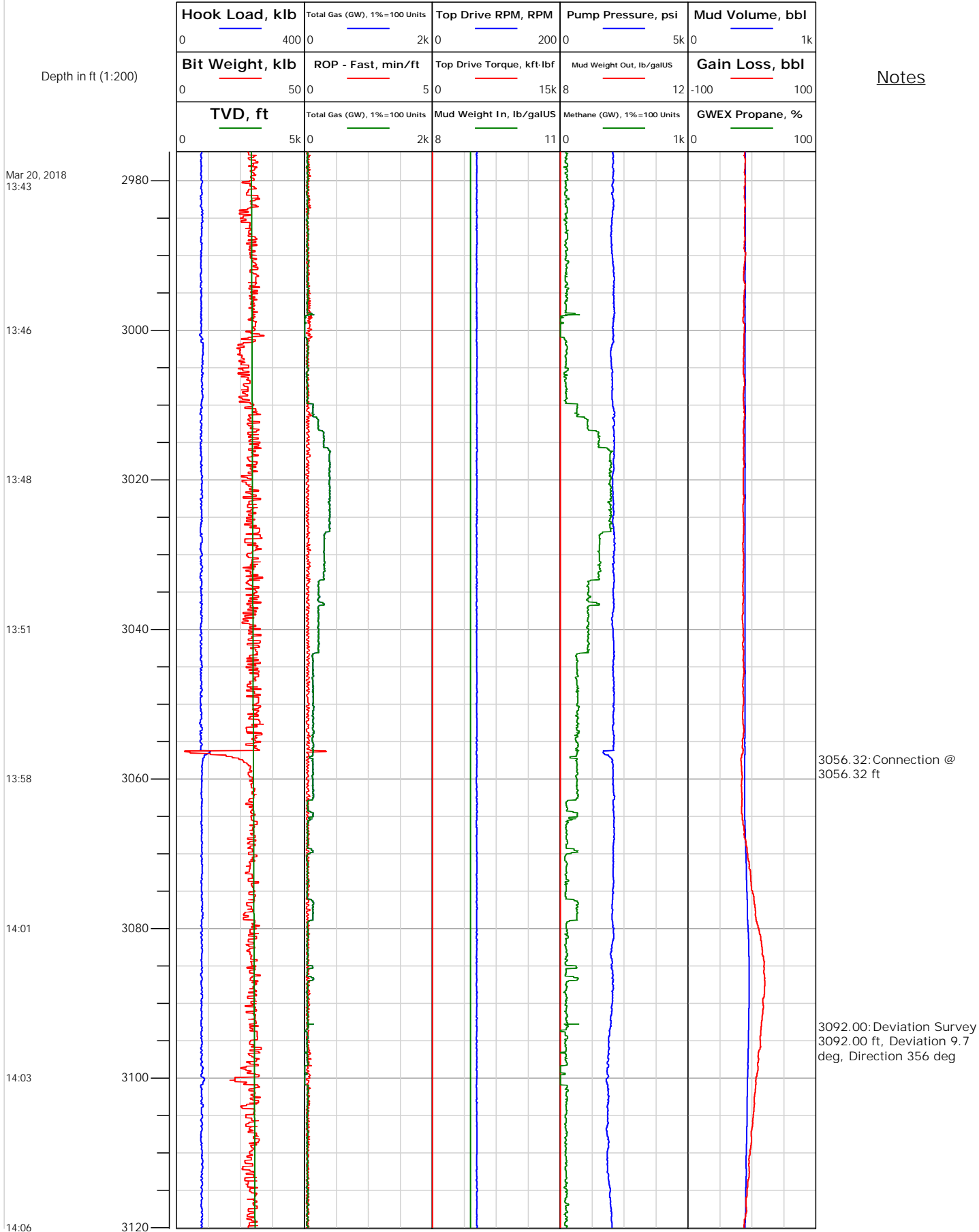
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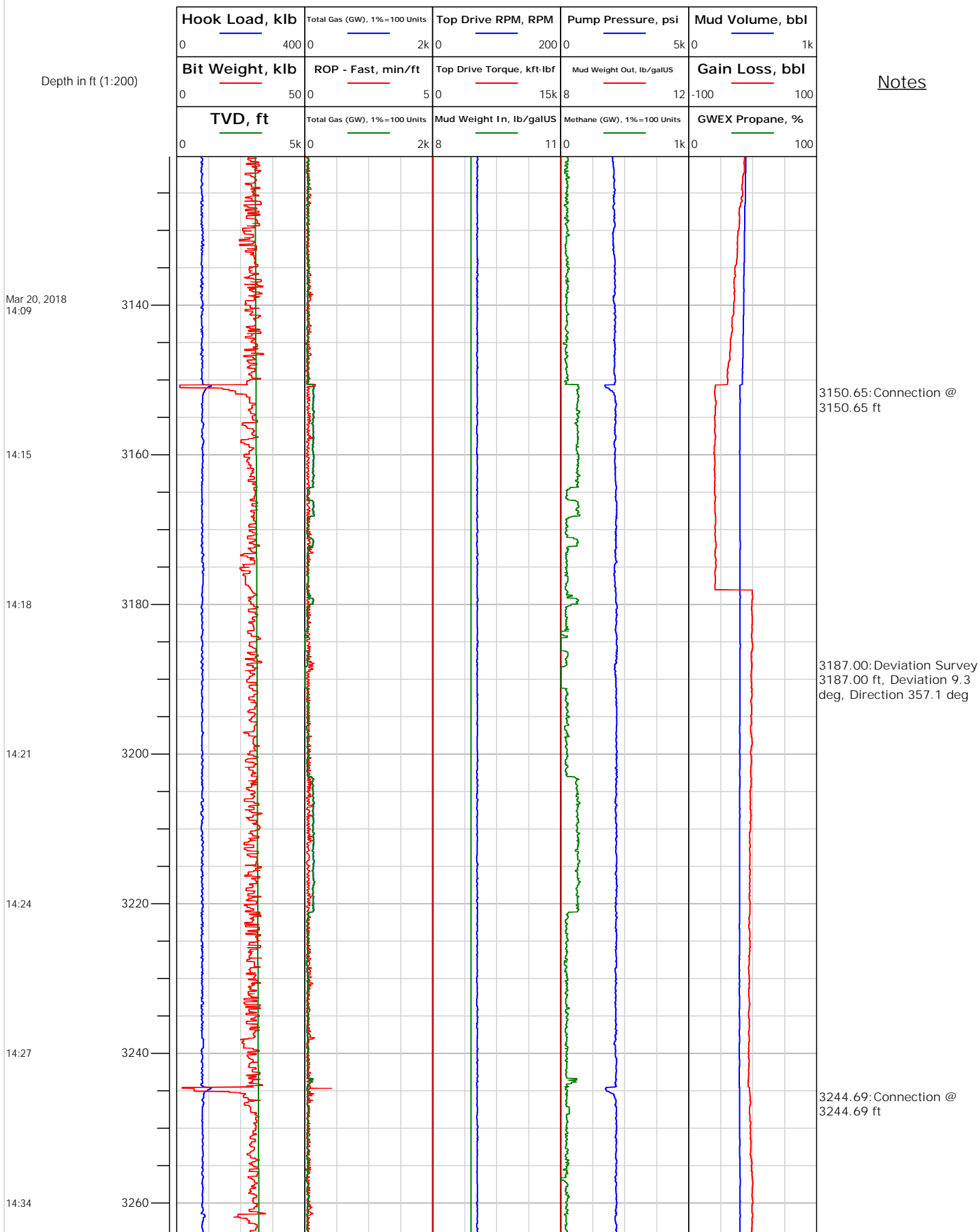
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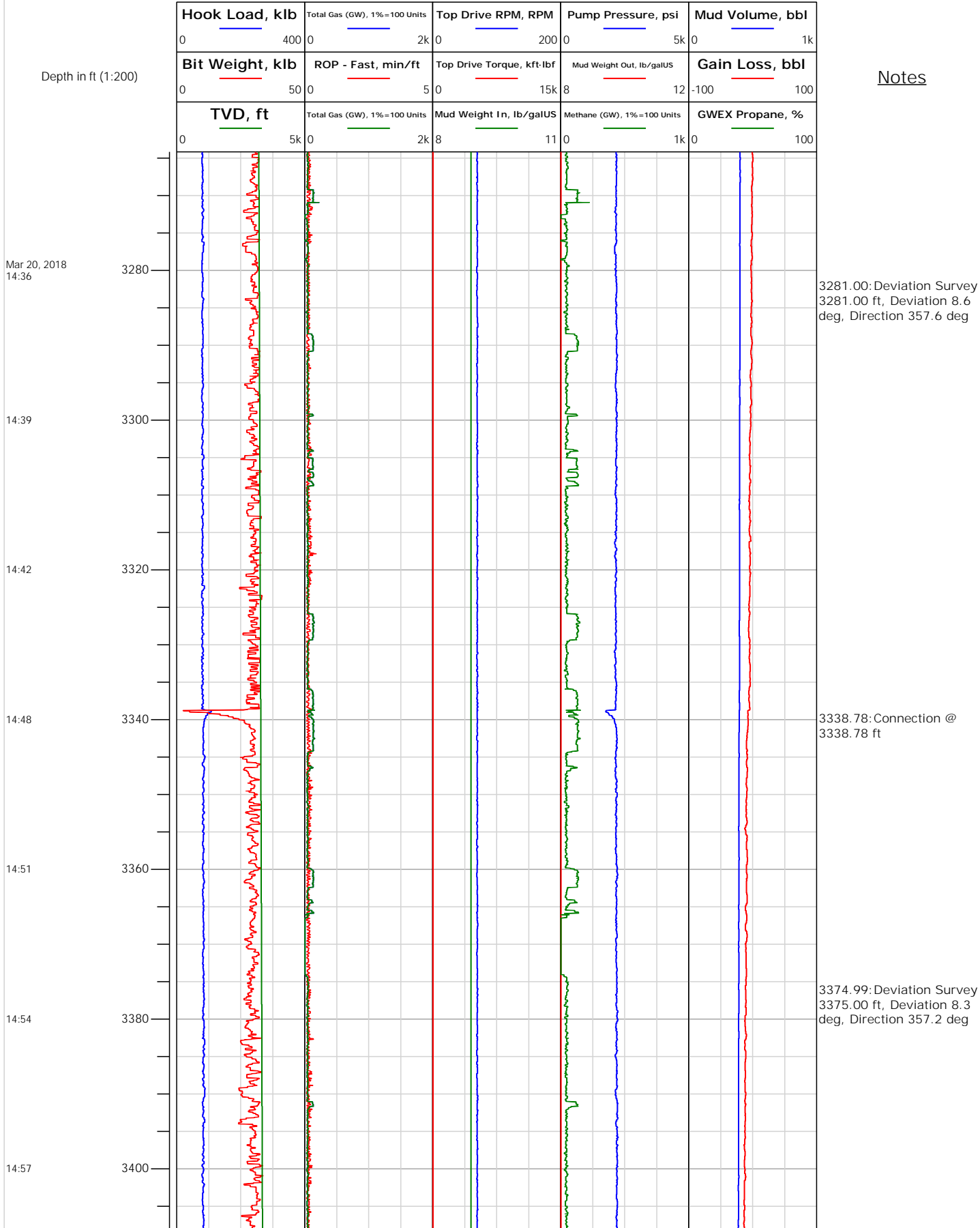
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**Location:**

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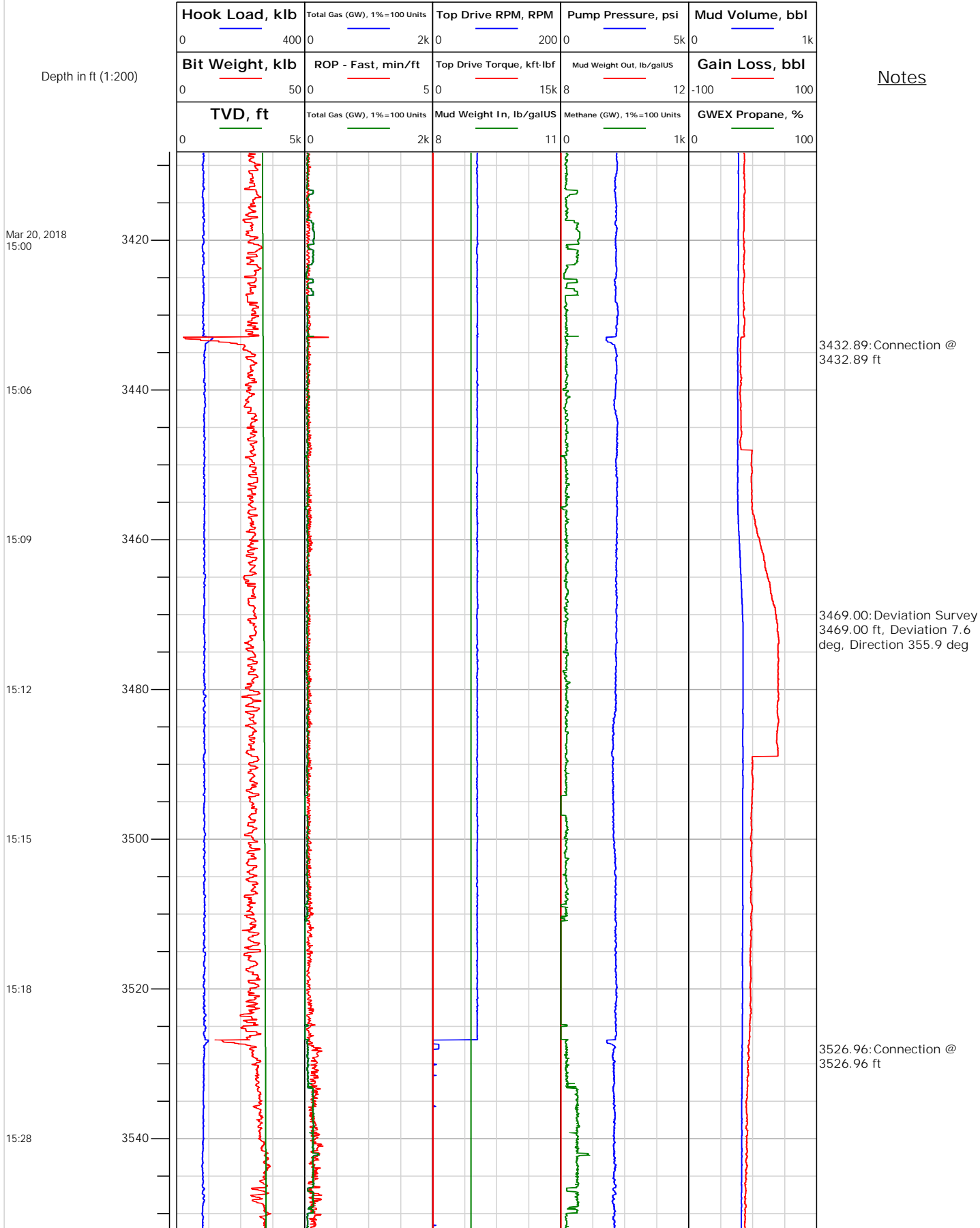
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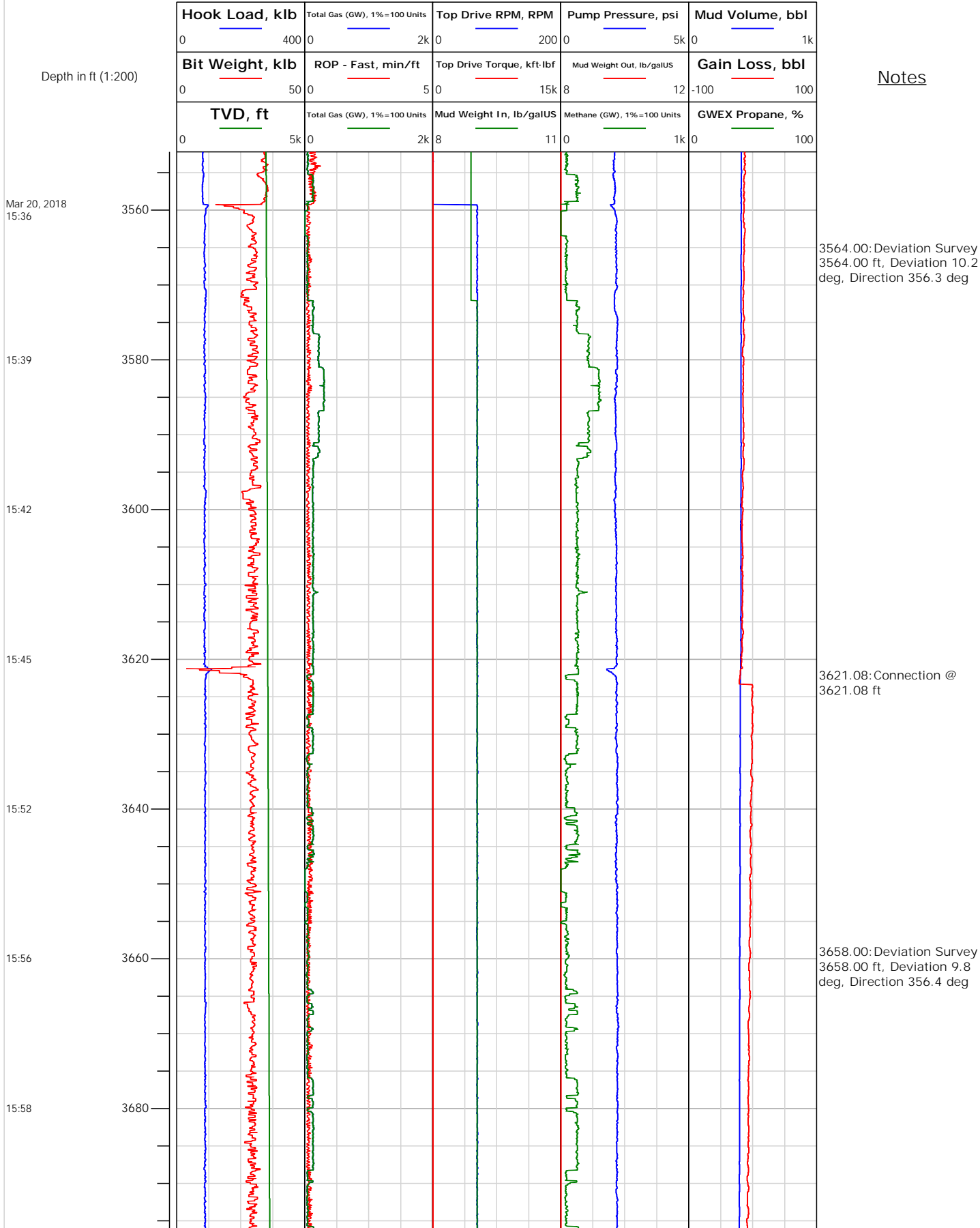
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**Rig:** 522

**Location:**

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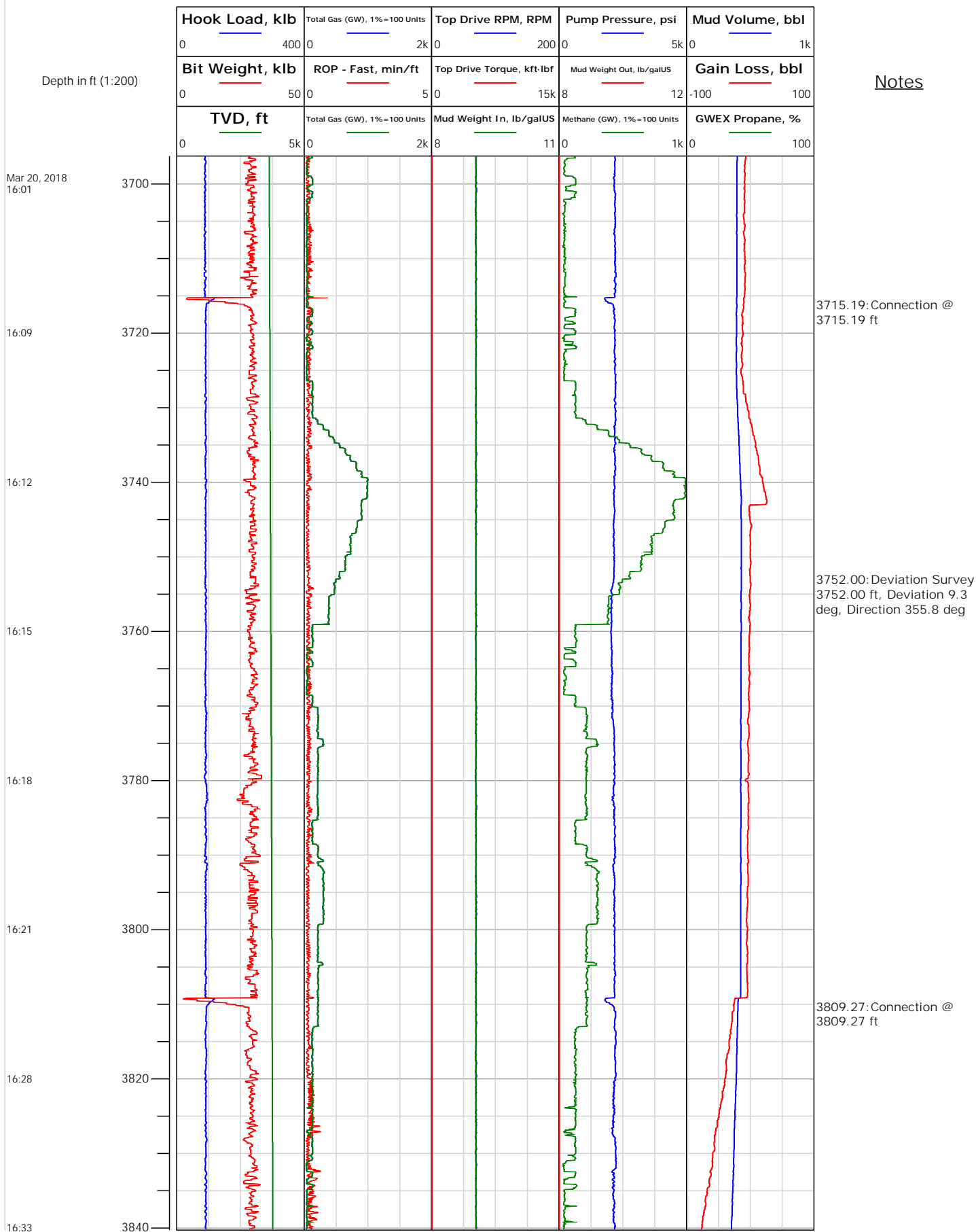


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**Rig:** 522

**Location:**







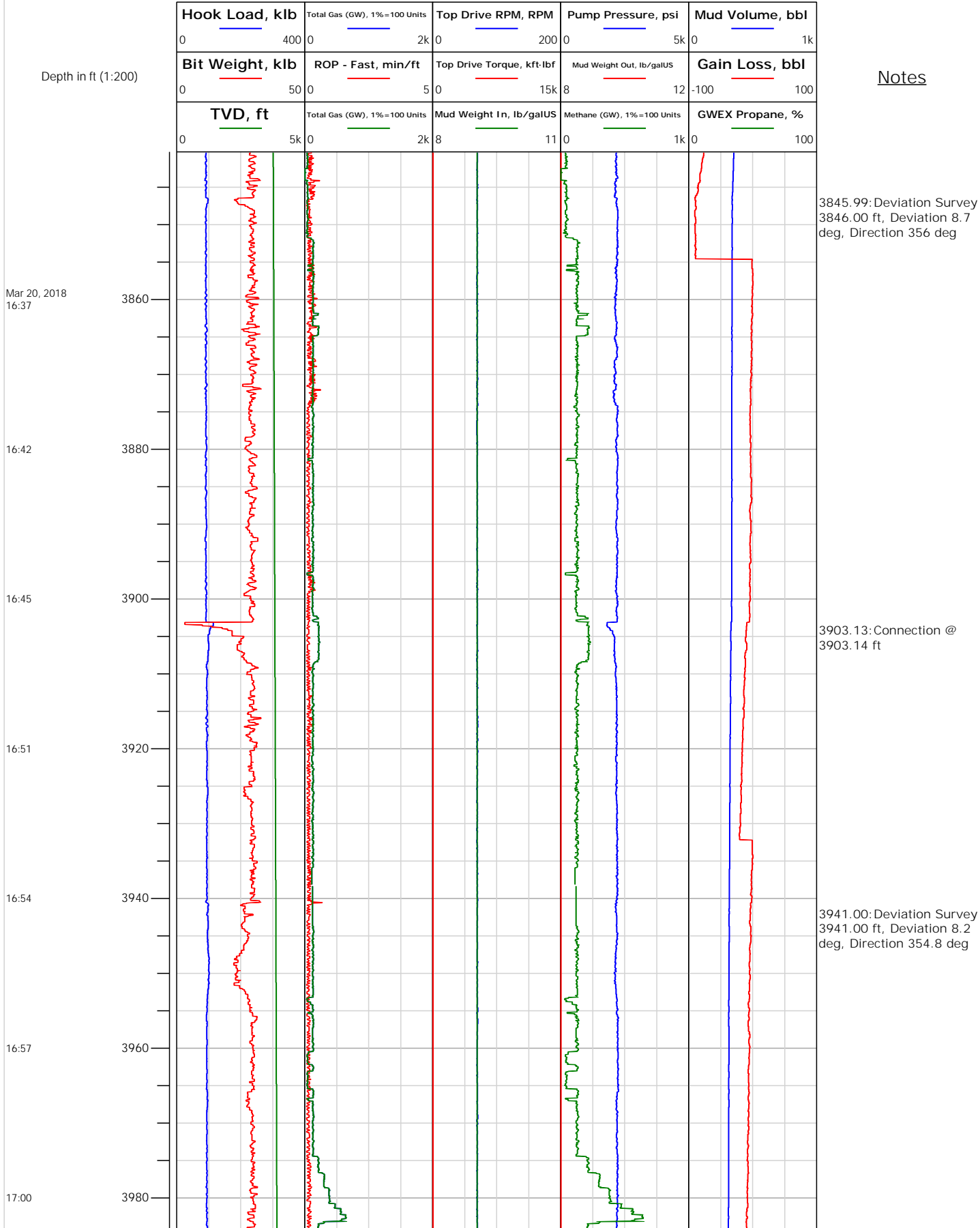
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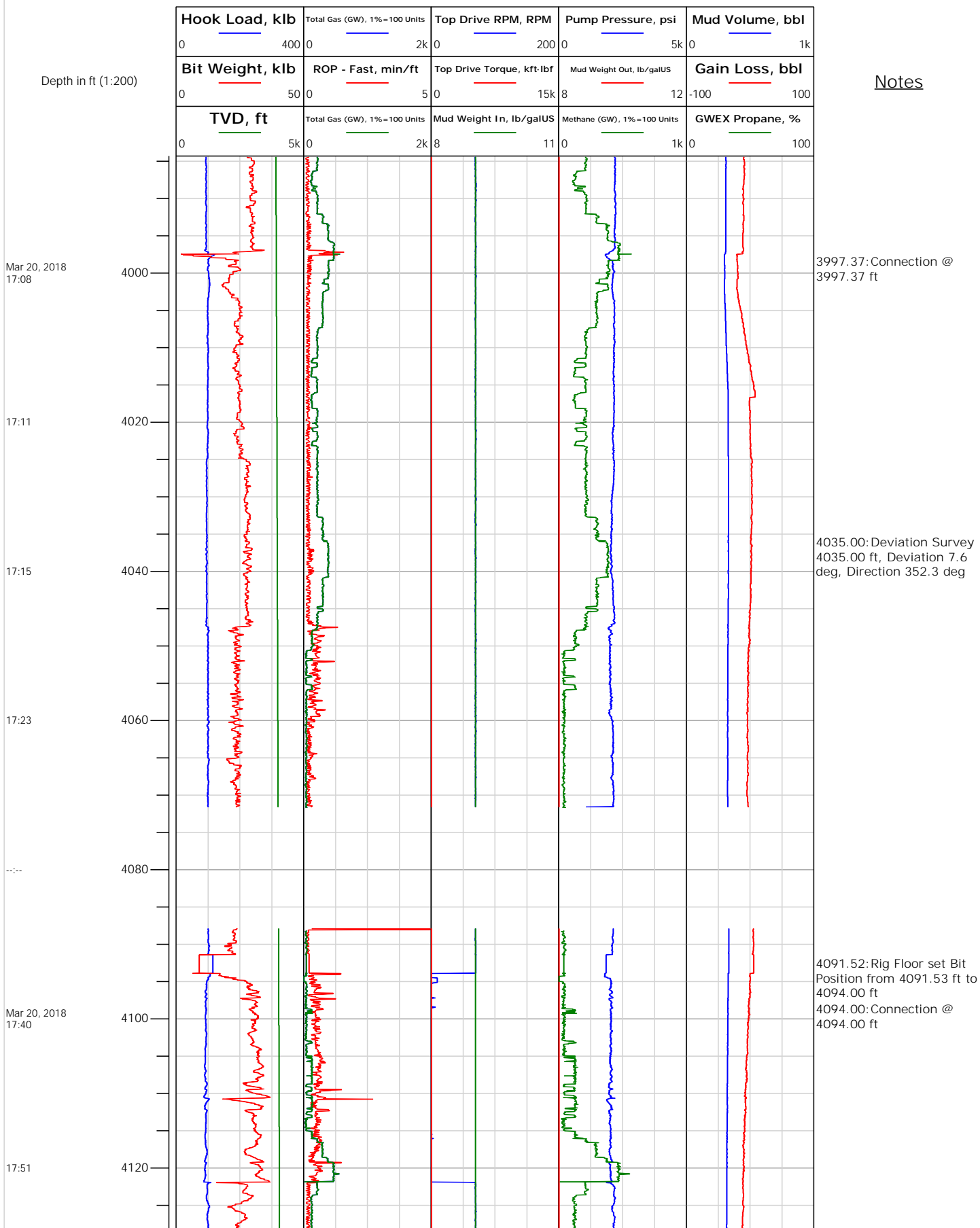
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Rig: 522

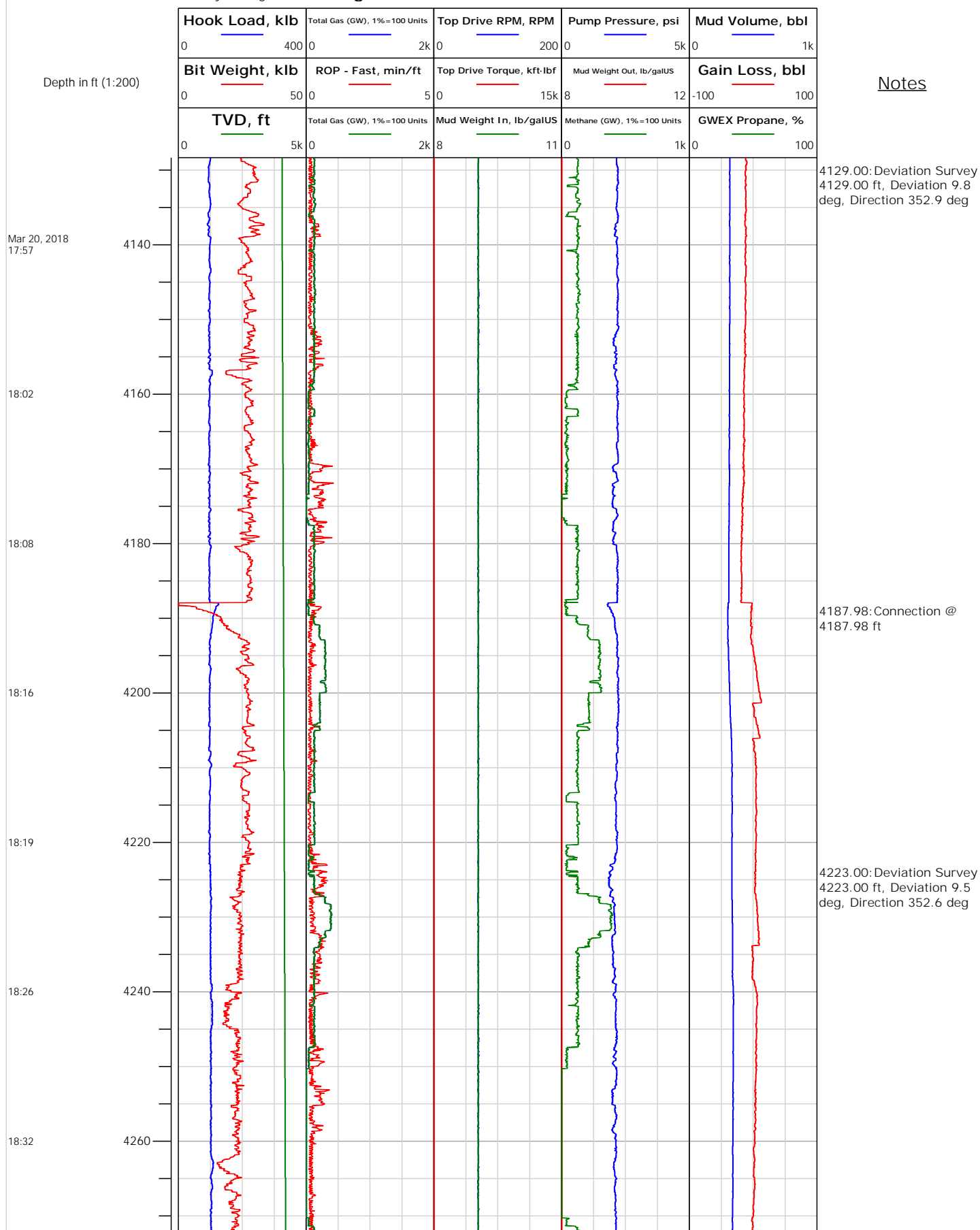
Location:

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# Electronic Drilling Recorder

**Location:**





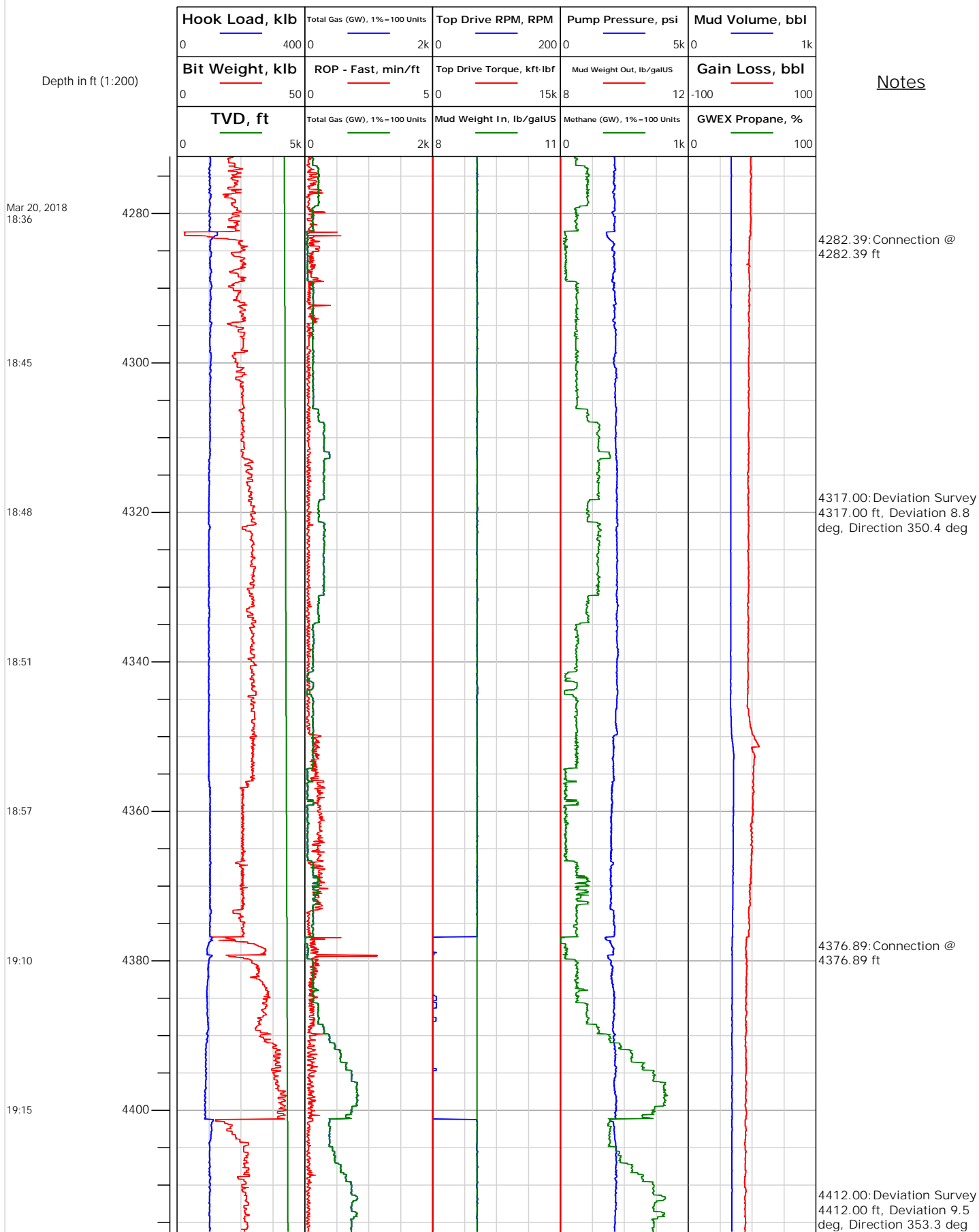
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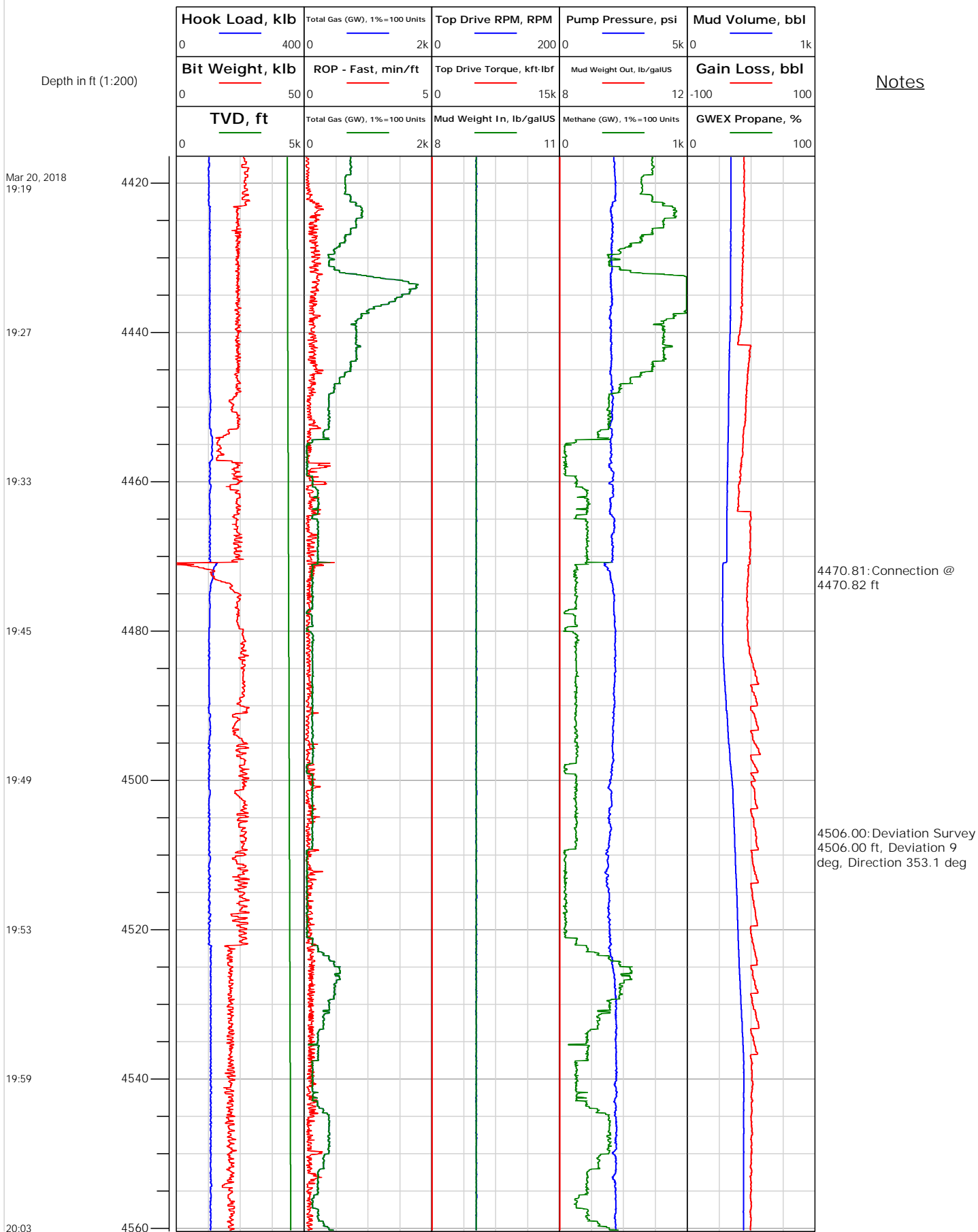
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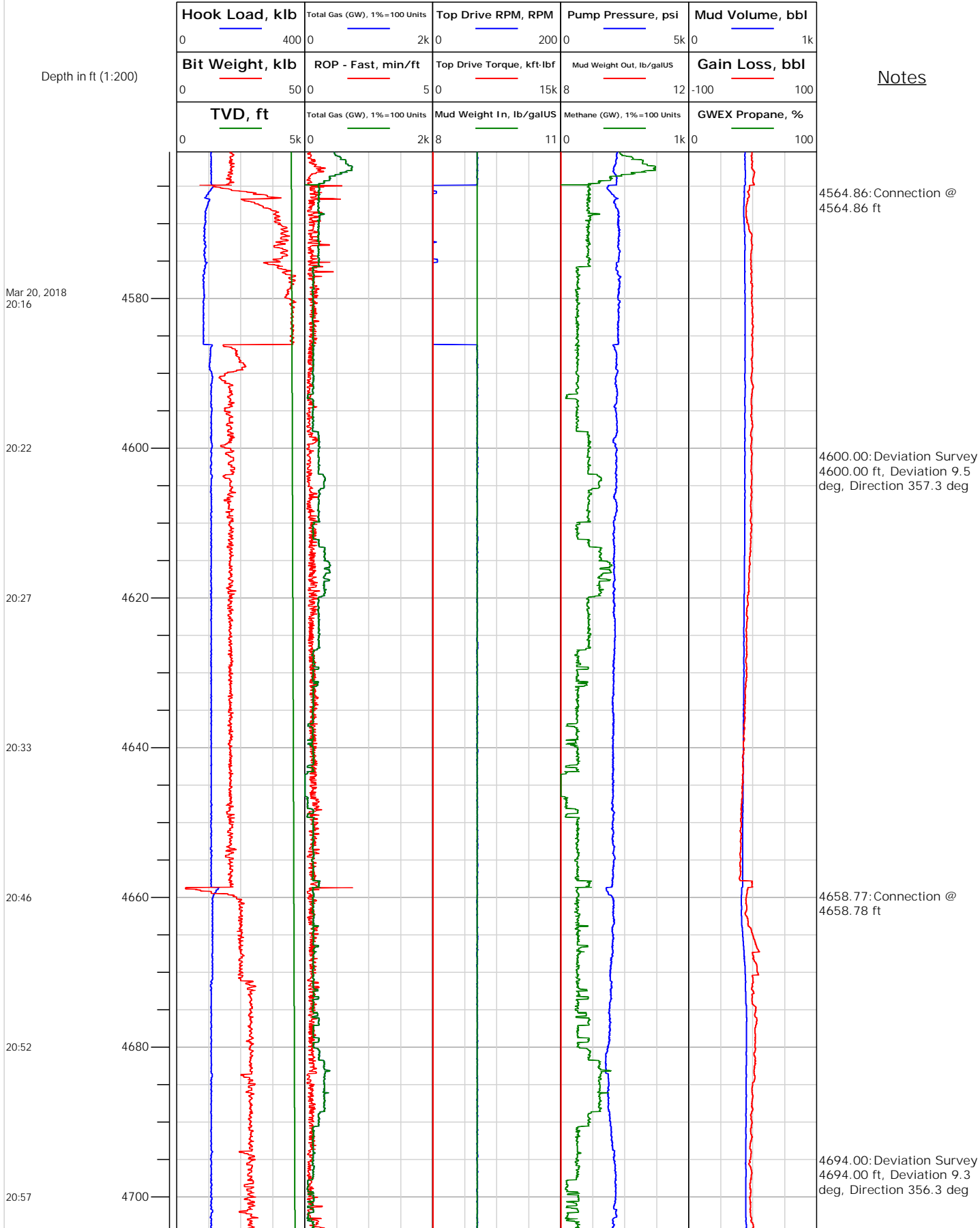
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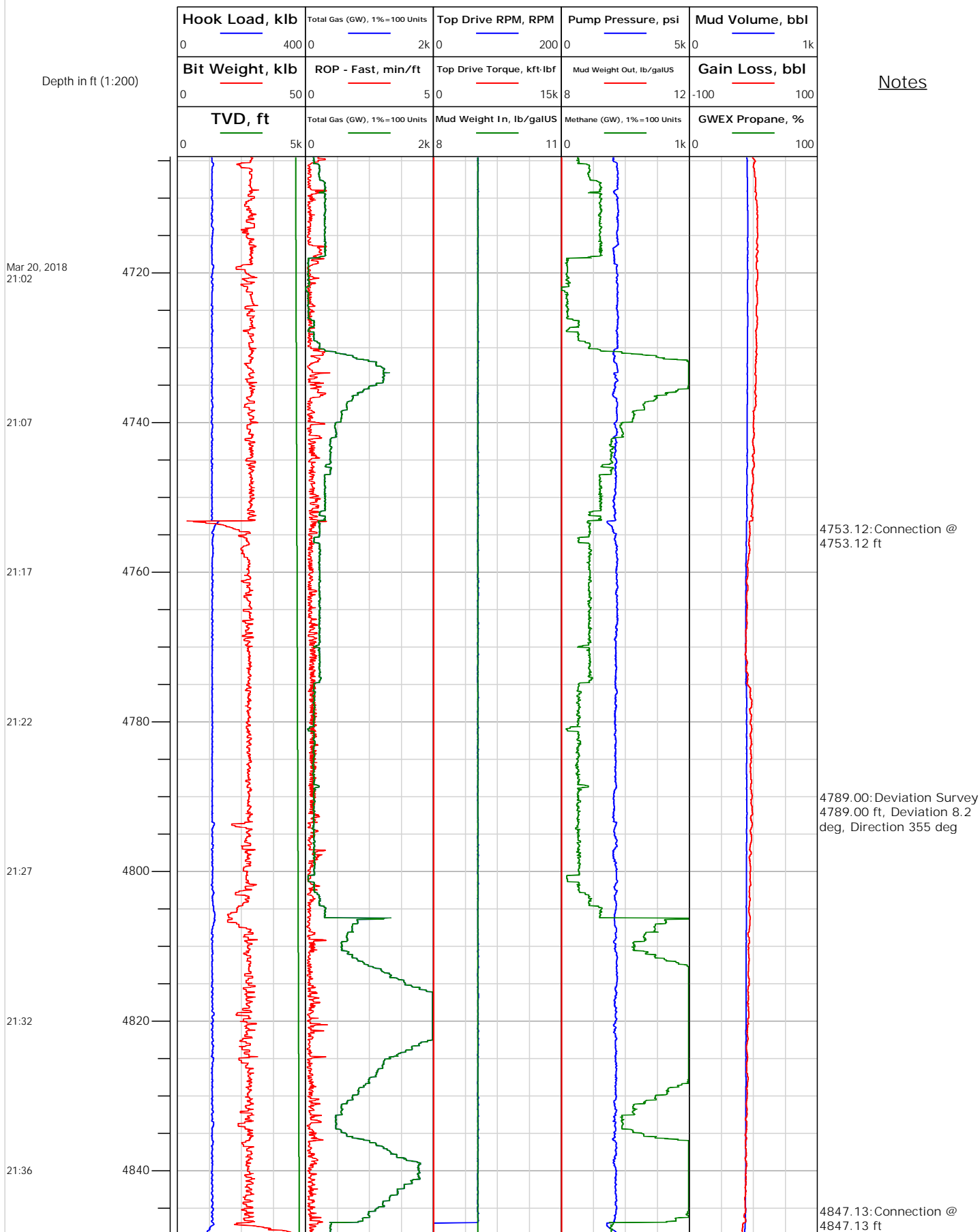
**Location:**

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# Electronic Drilling Recorder

**Location:**





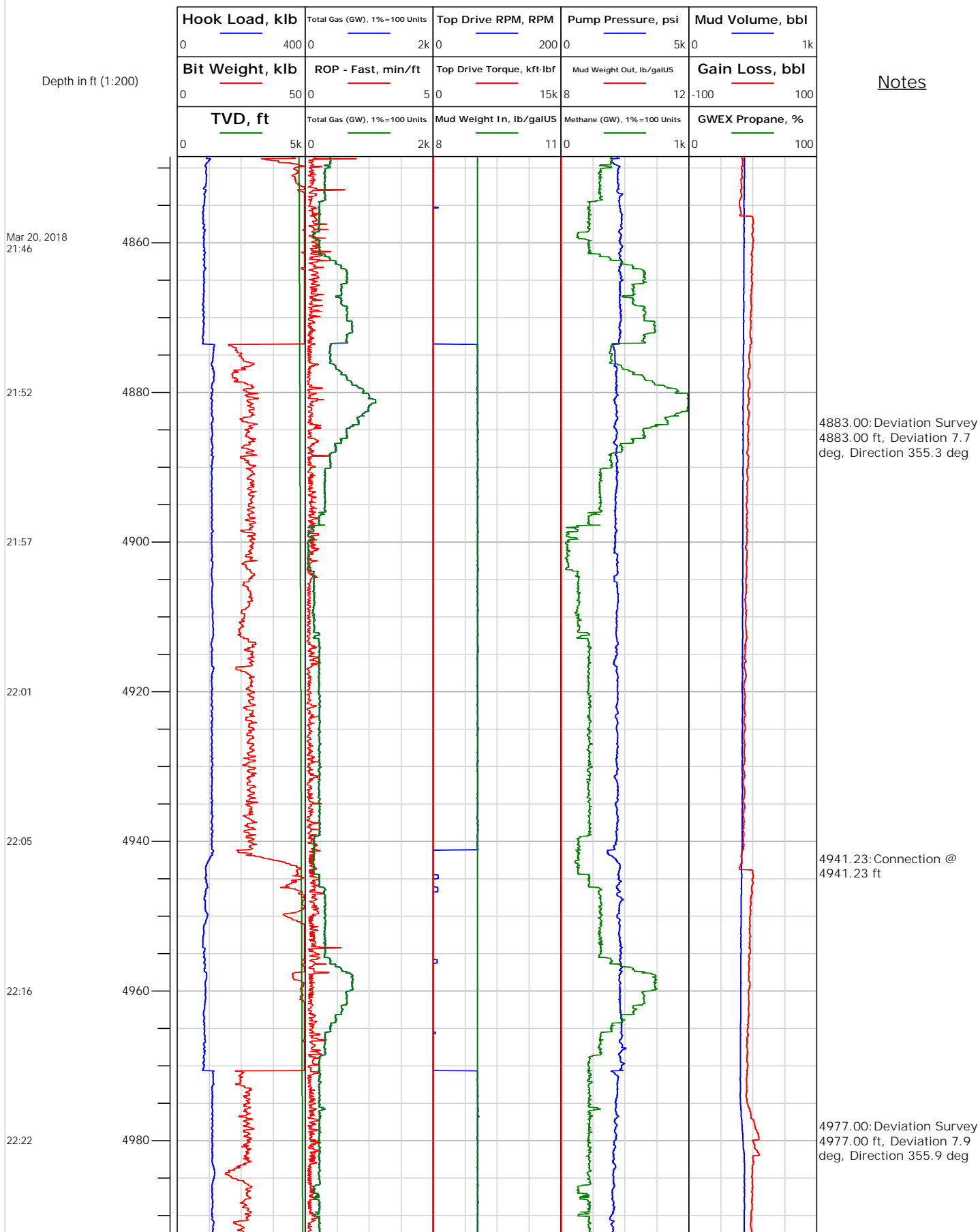
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**Location:**

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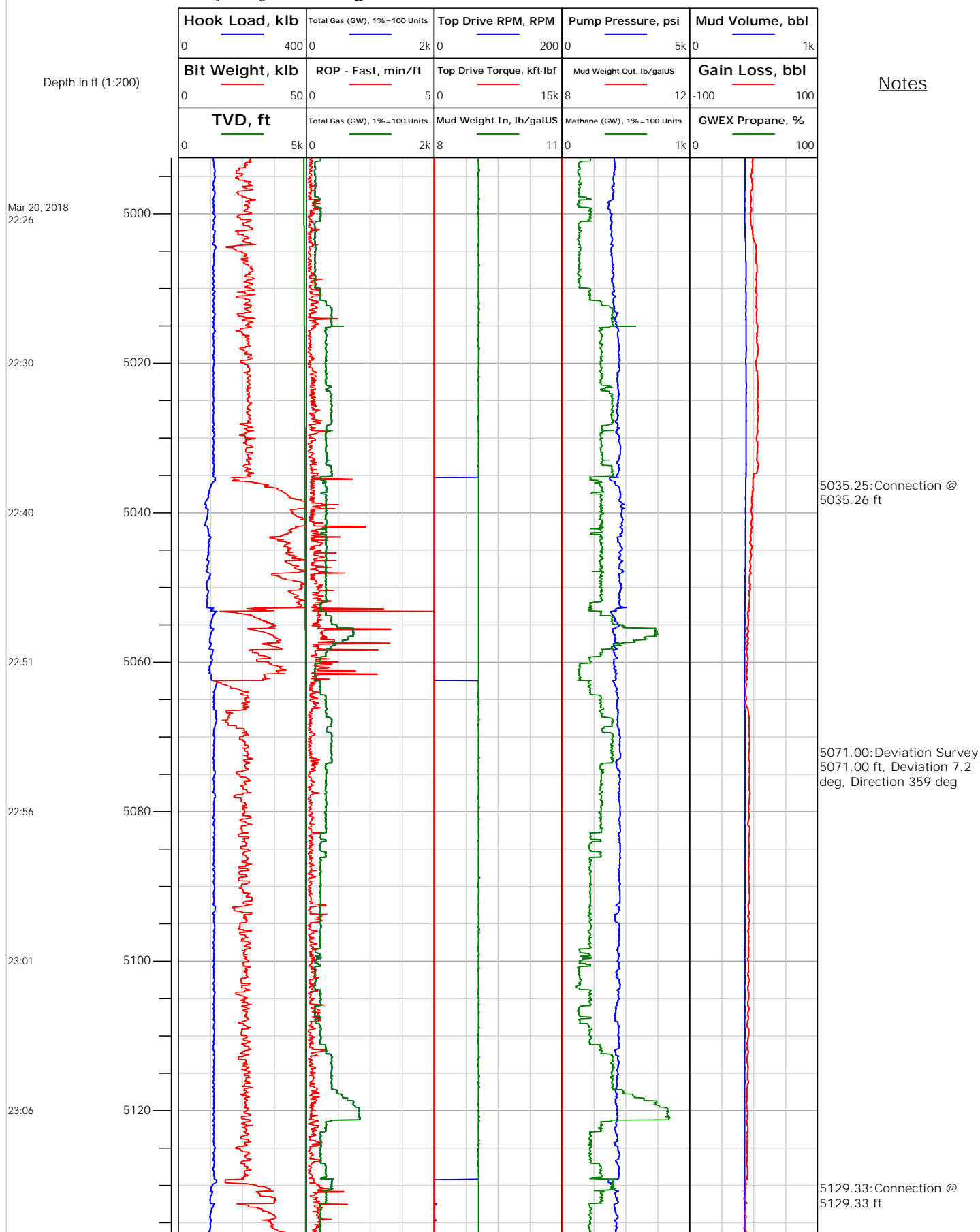
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Location:

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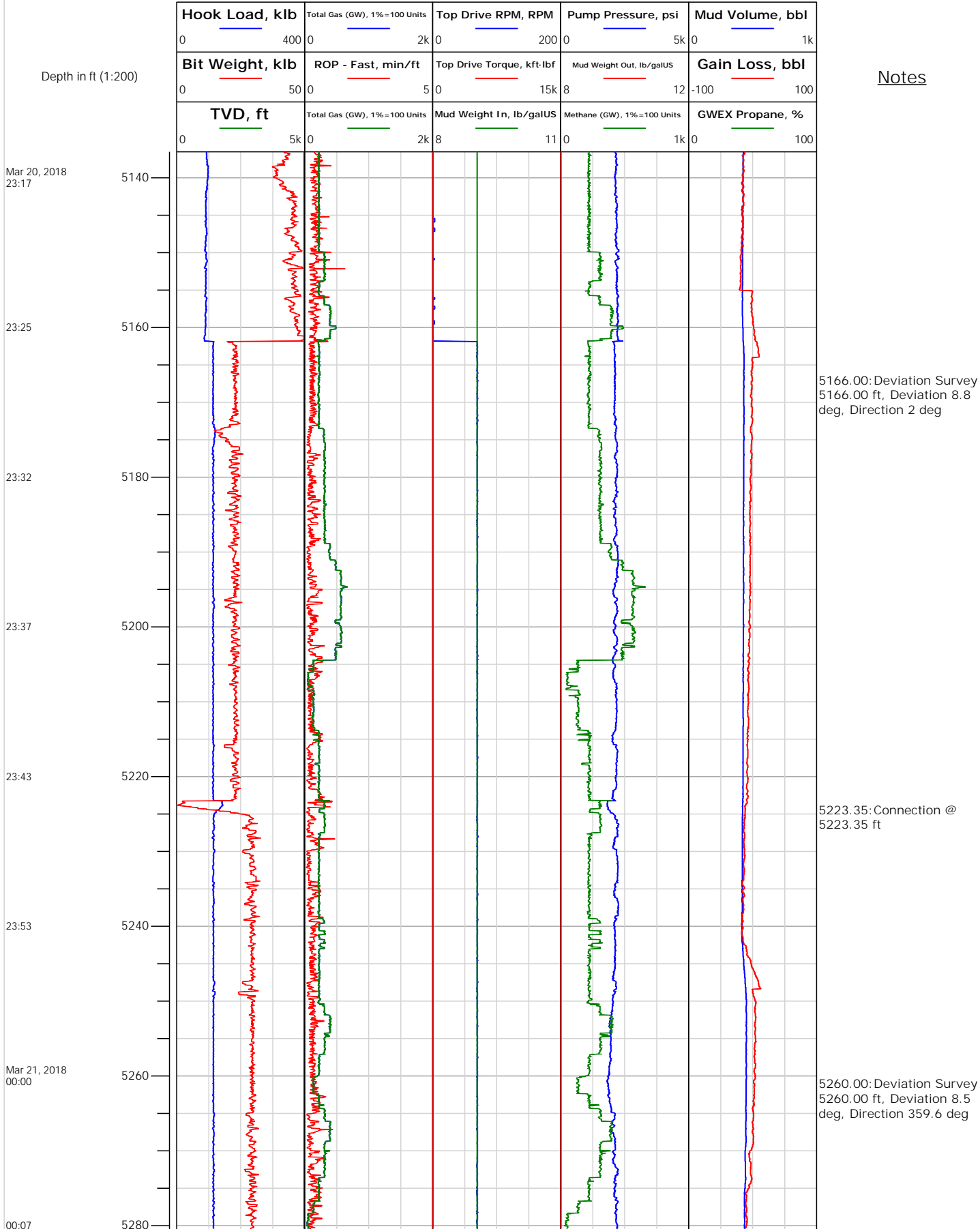
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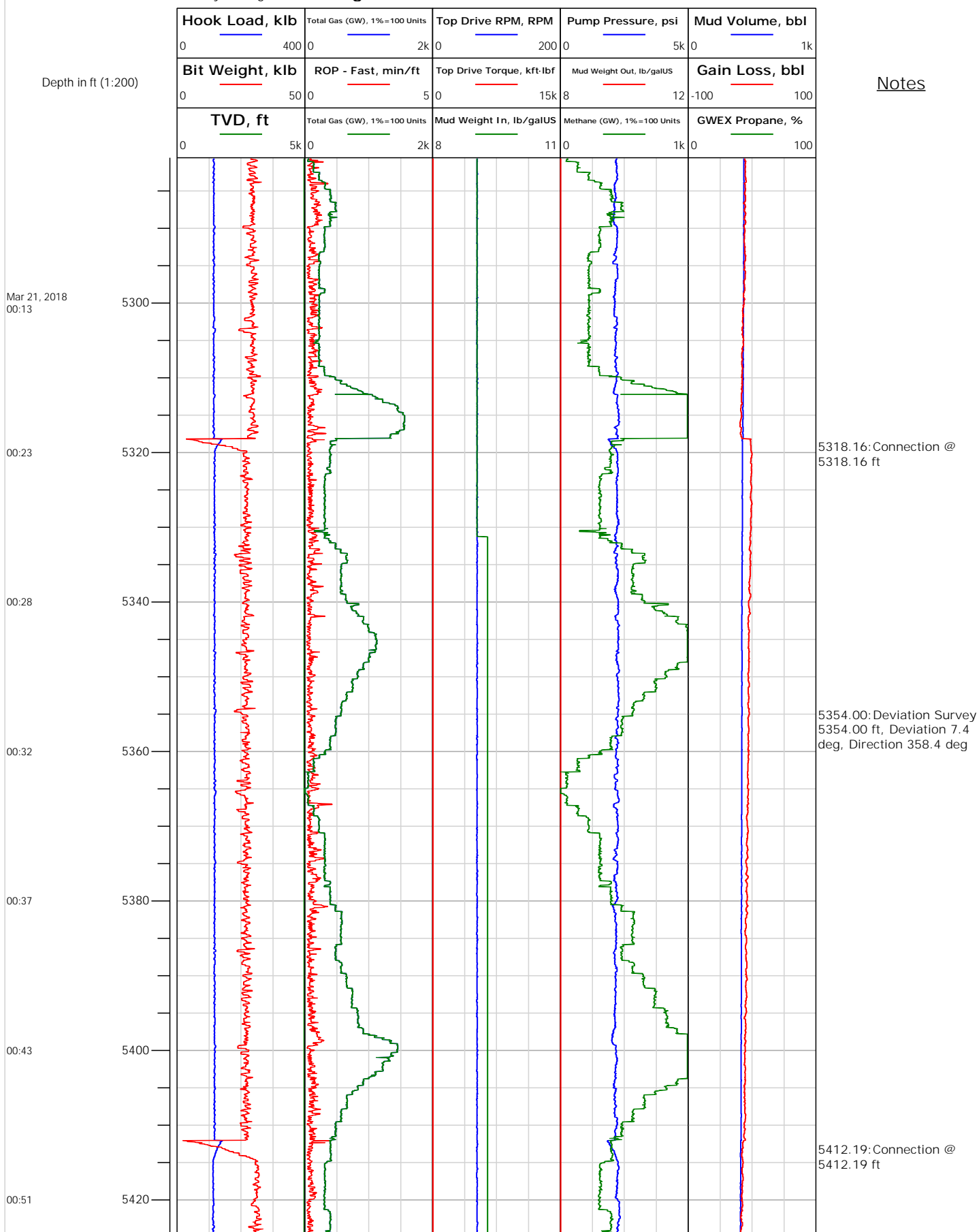
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**Location:**

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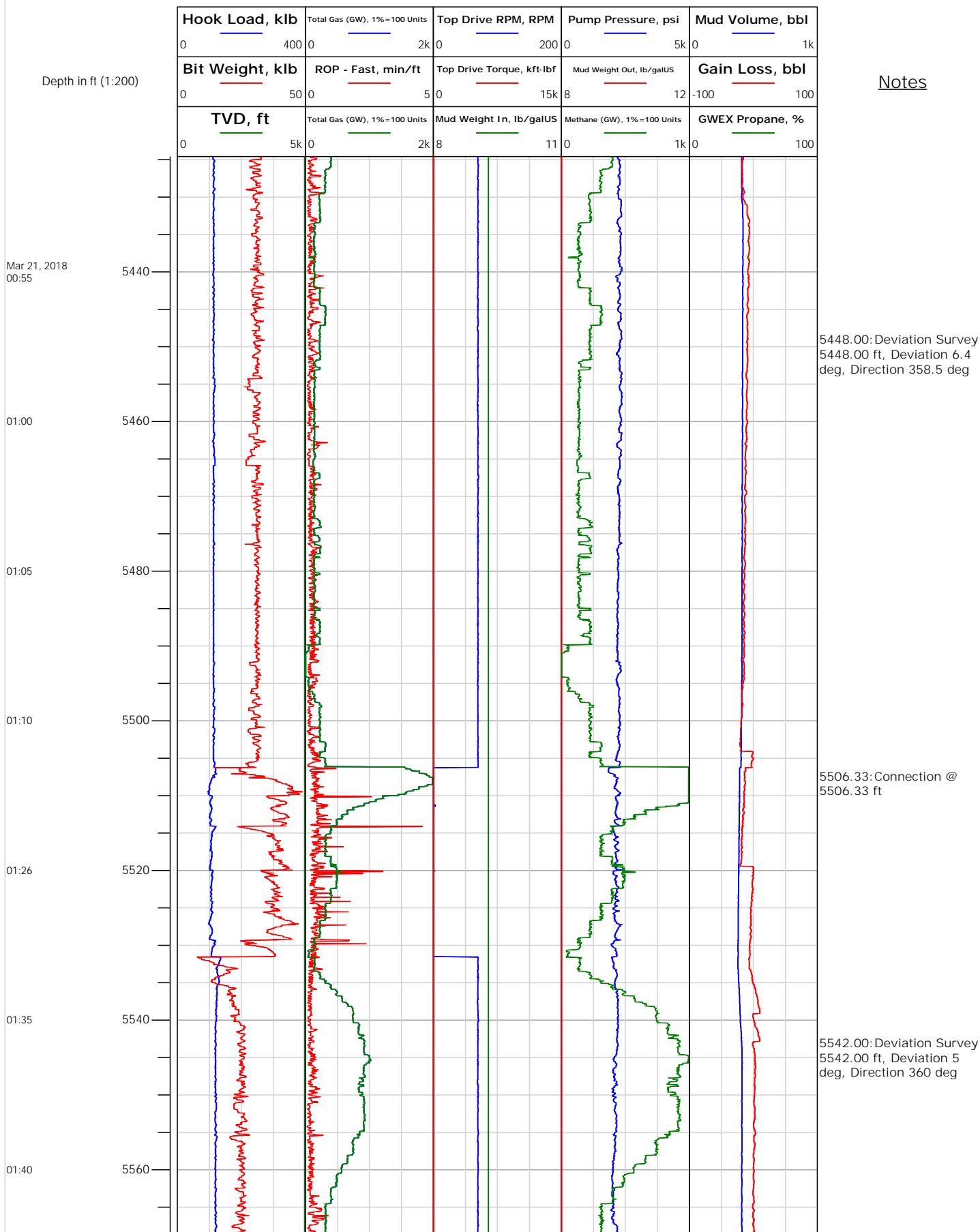
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**Location:**

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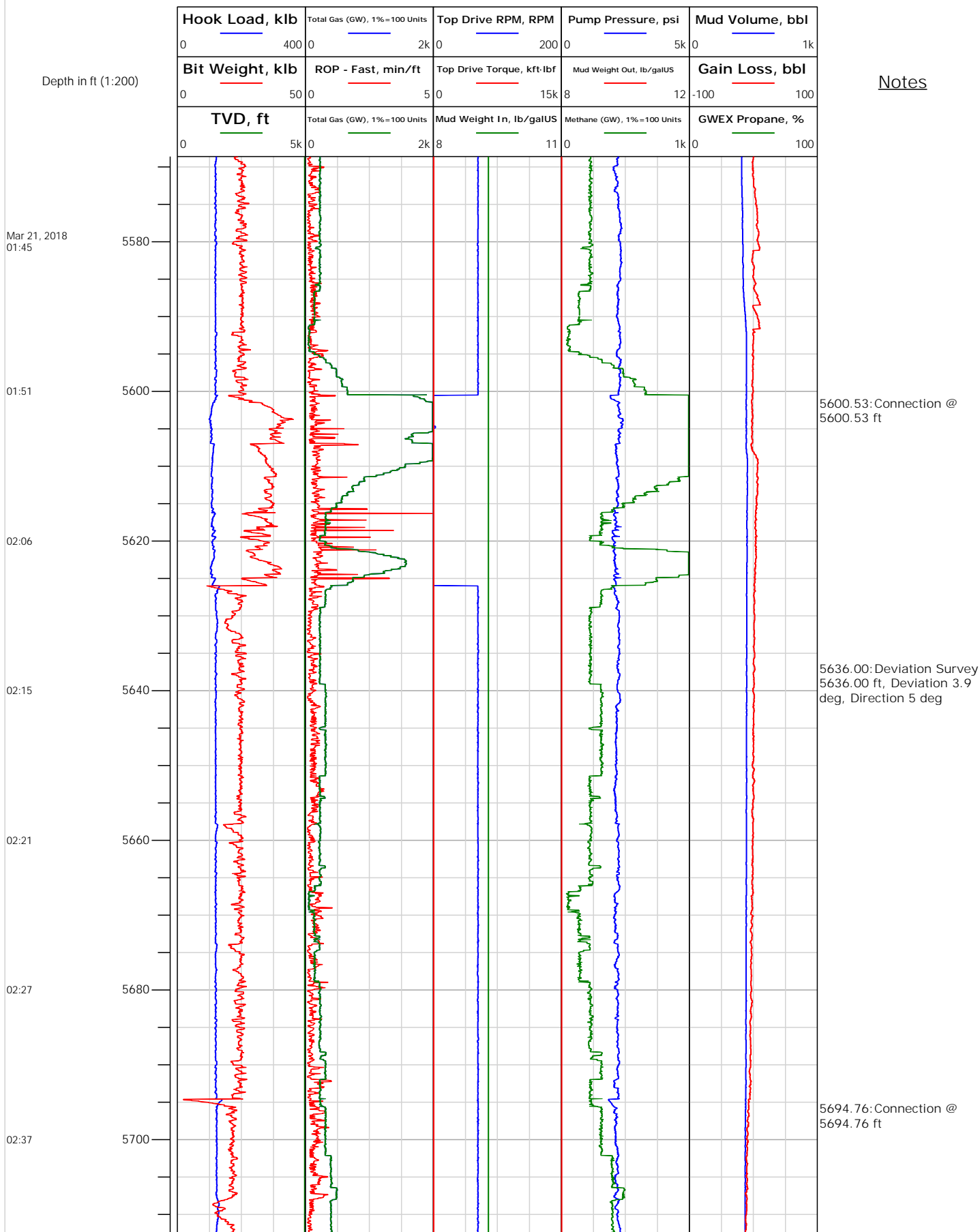
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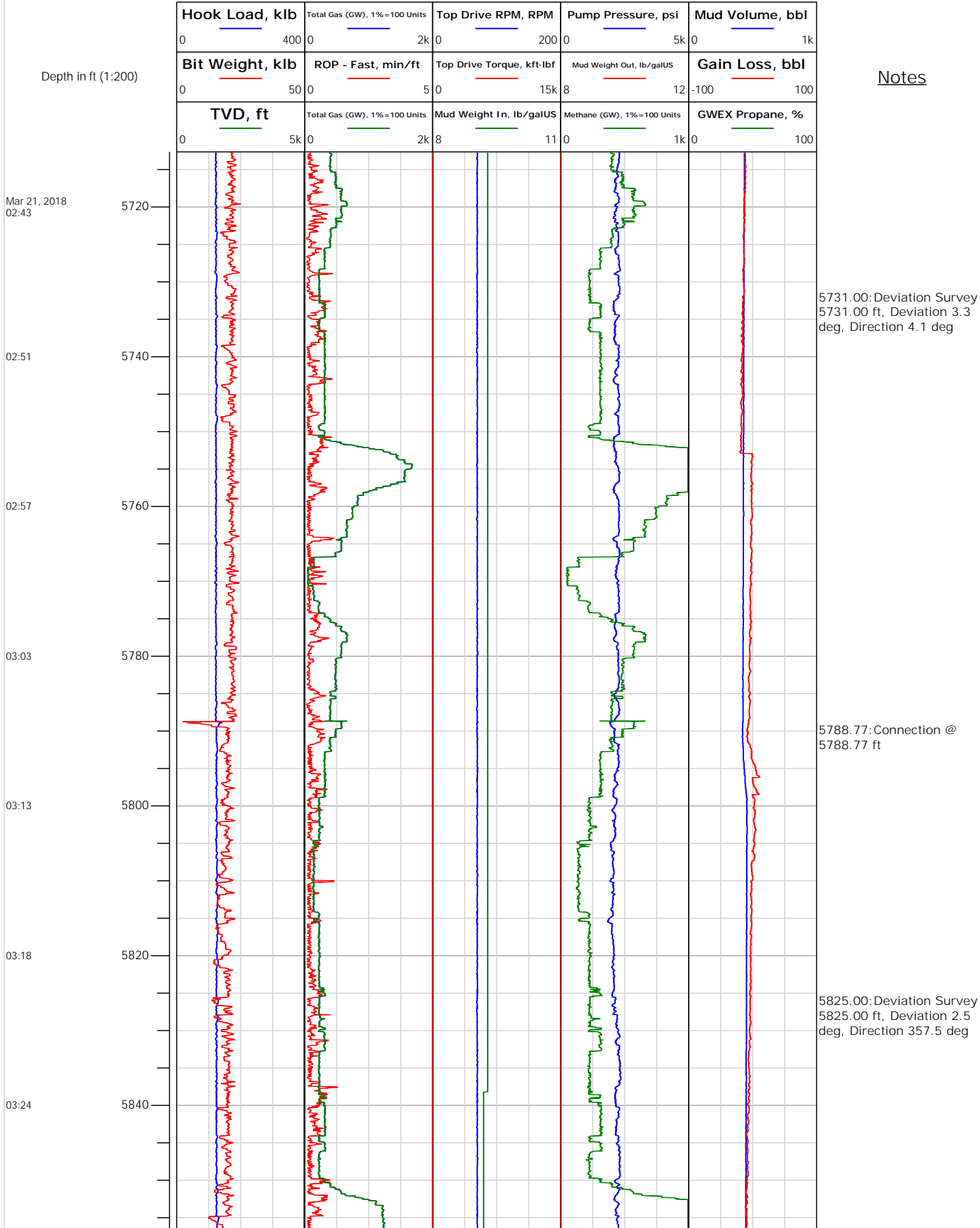
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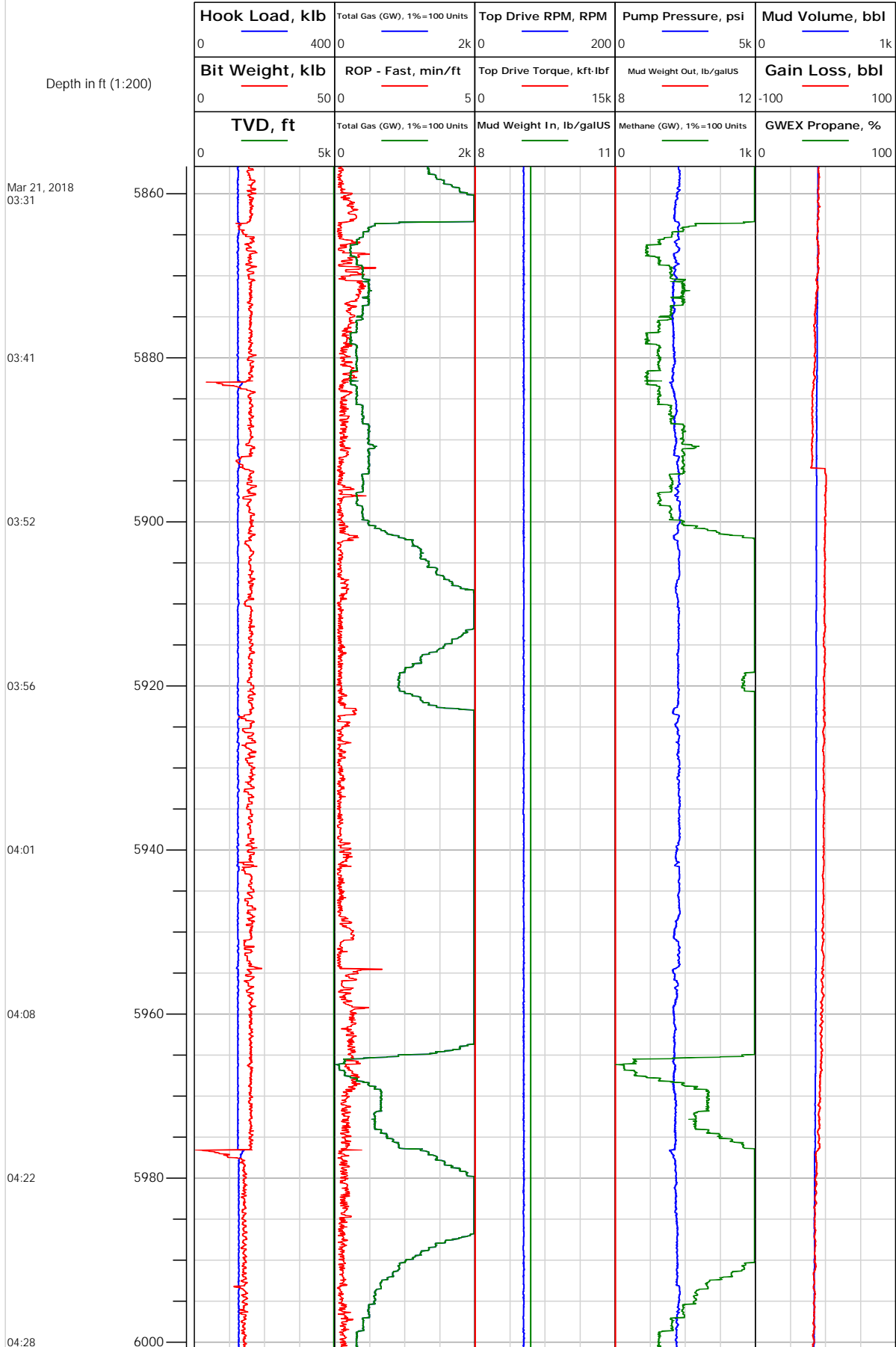
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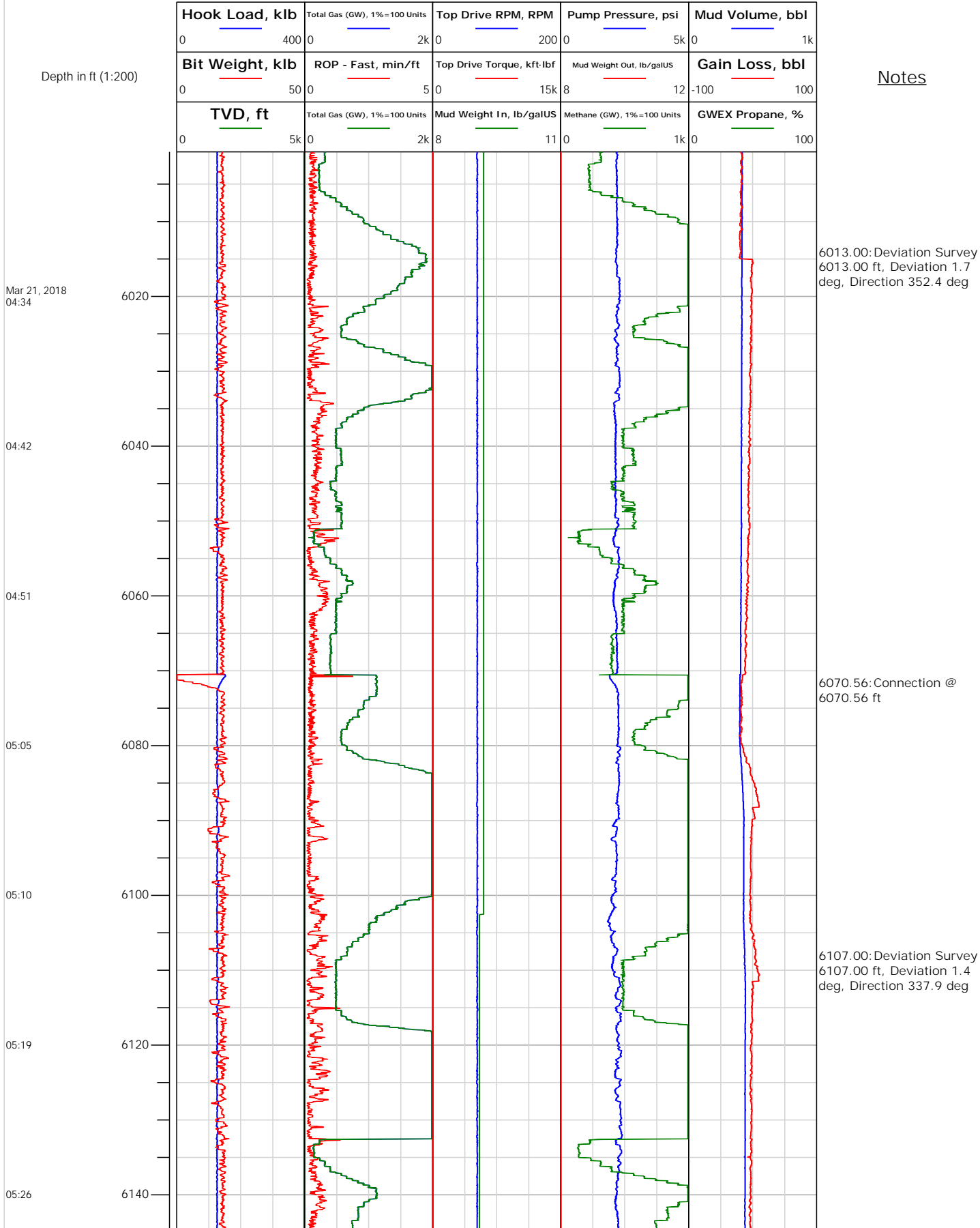
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**Rig:** 522

**Location:**

## Notes







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Contractor: Helmerich & Payne Drlg Co

Well Name: GUNDERSON 0994-13-12W  
Rig: 522

Location:

Depth in ft (1:200)

Notes

Mar 21, 2018  
05:34

05:44

05:50

05:57

06:04

06:15

06:22

6160

6180

6200

6220

6240

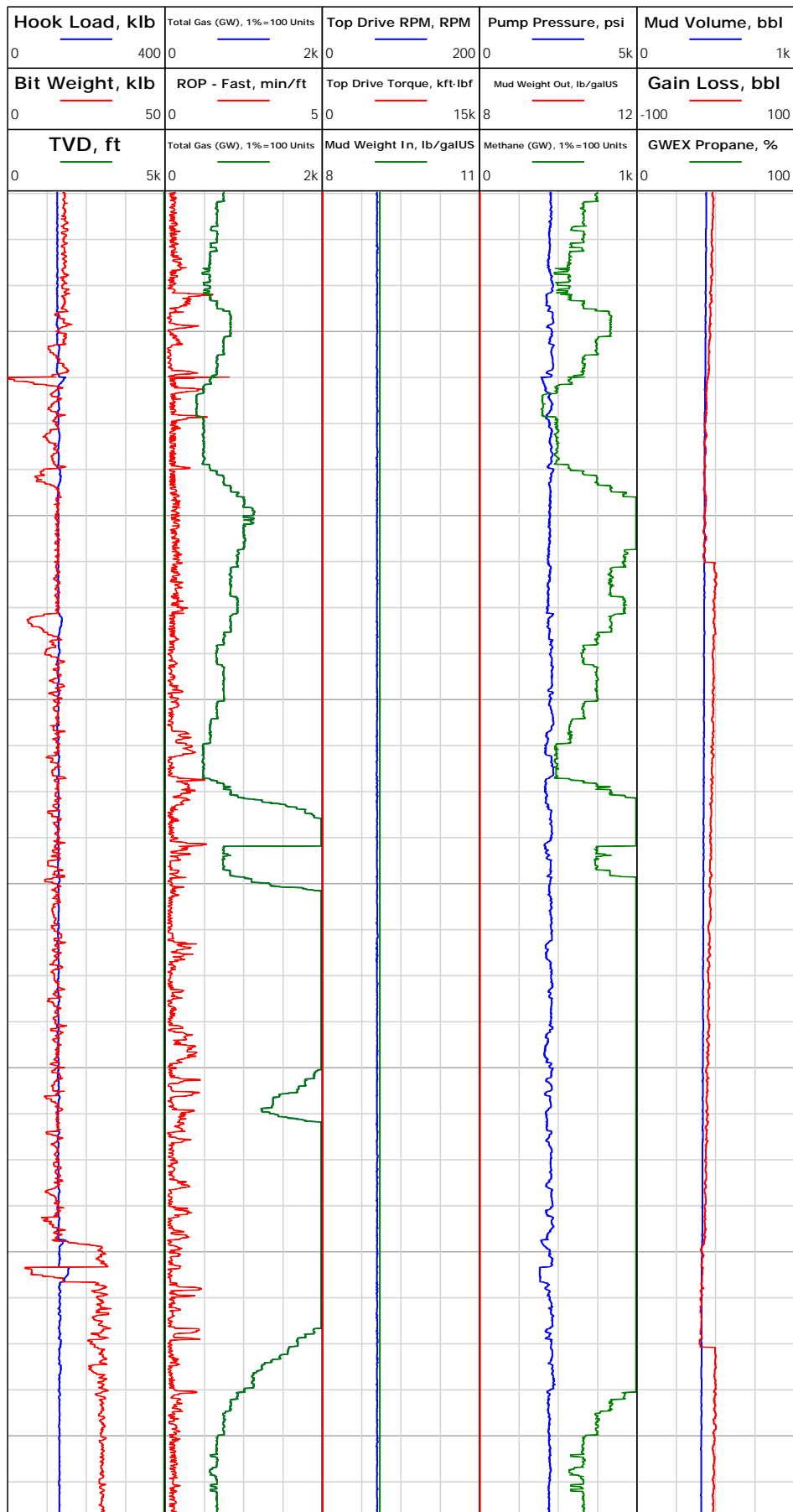
6260

6280

6164.91: Connection @  
6164.91 ft

6201.00: Deviation Survey  
6201.00 ft, Deviation 1.2  
deg, Direction 332.4 deg

6258.80: Connection @  
6258.80 ft  
6261.83: Rig Floor set Bit  
Position from 6260.12 ft to  
6261.70 ft





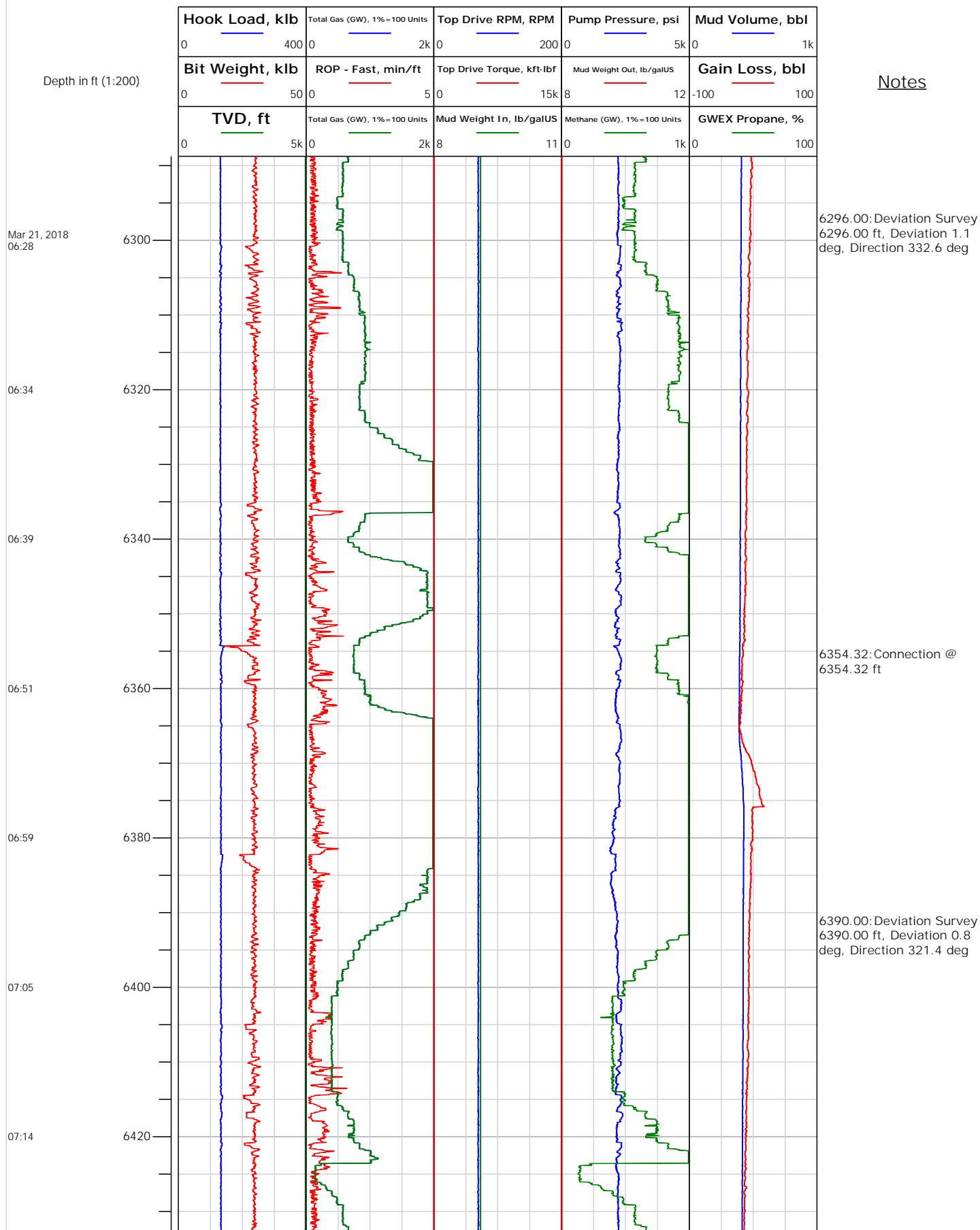
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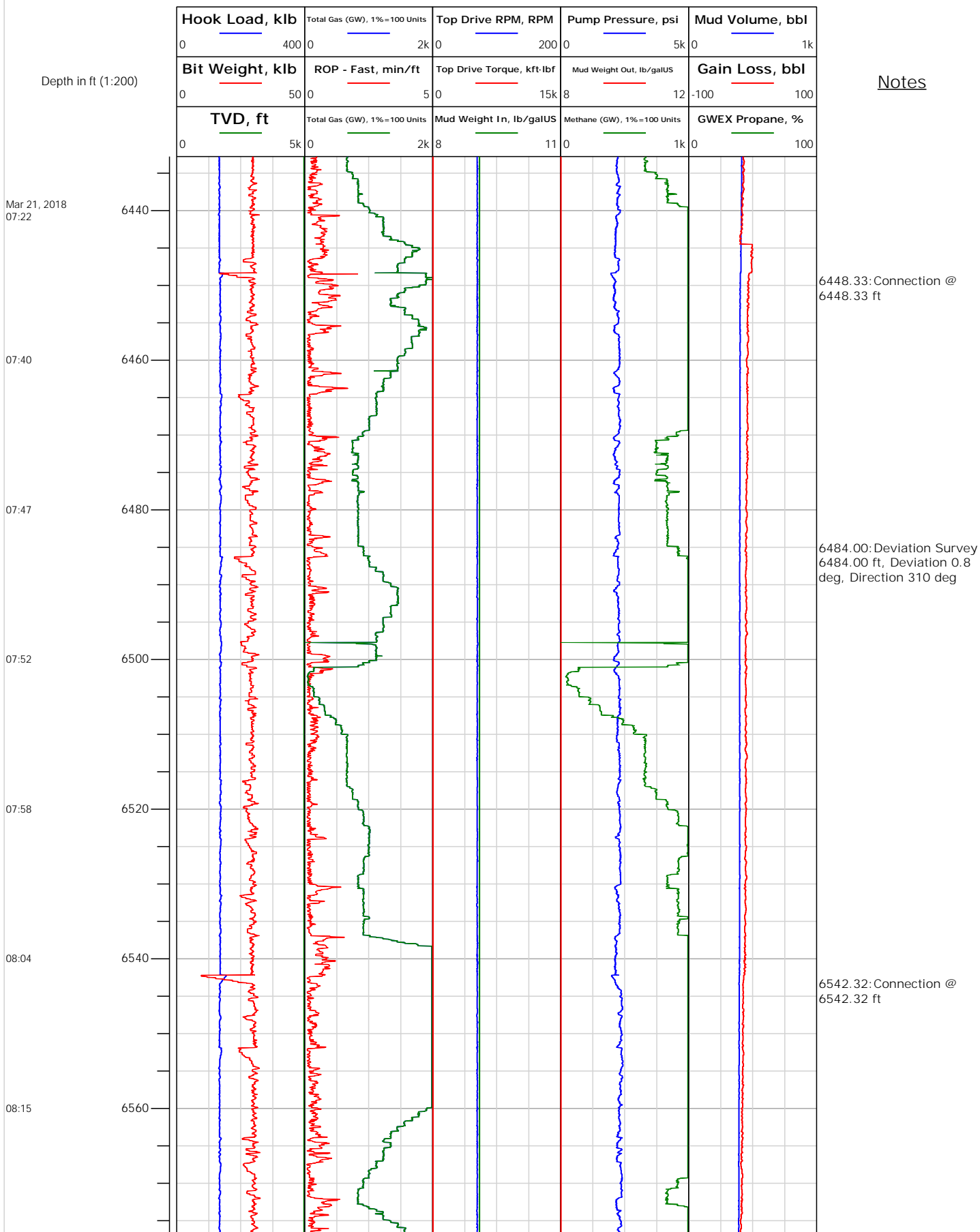
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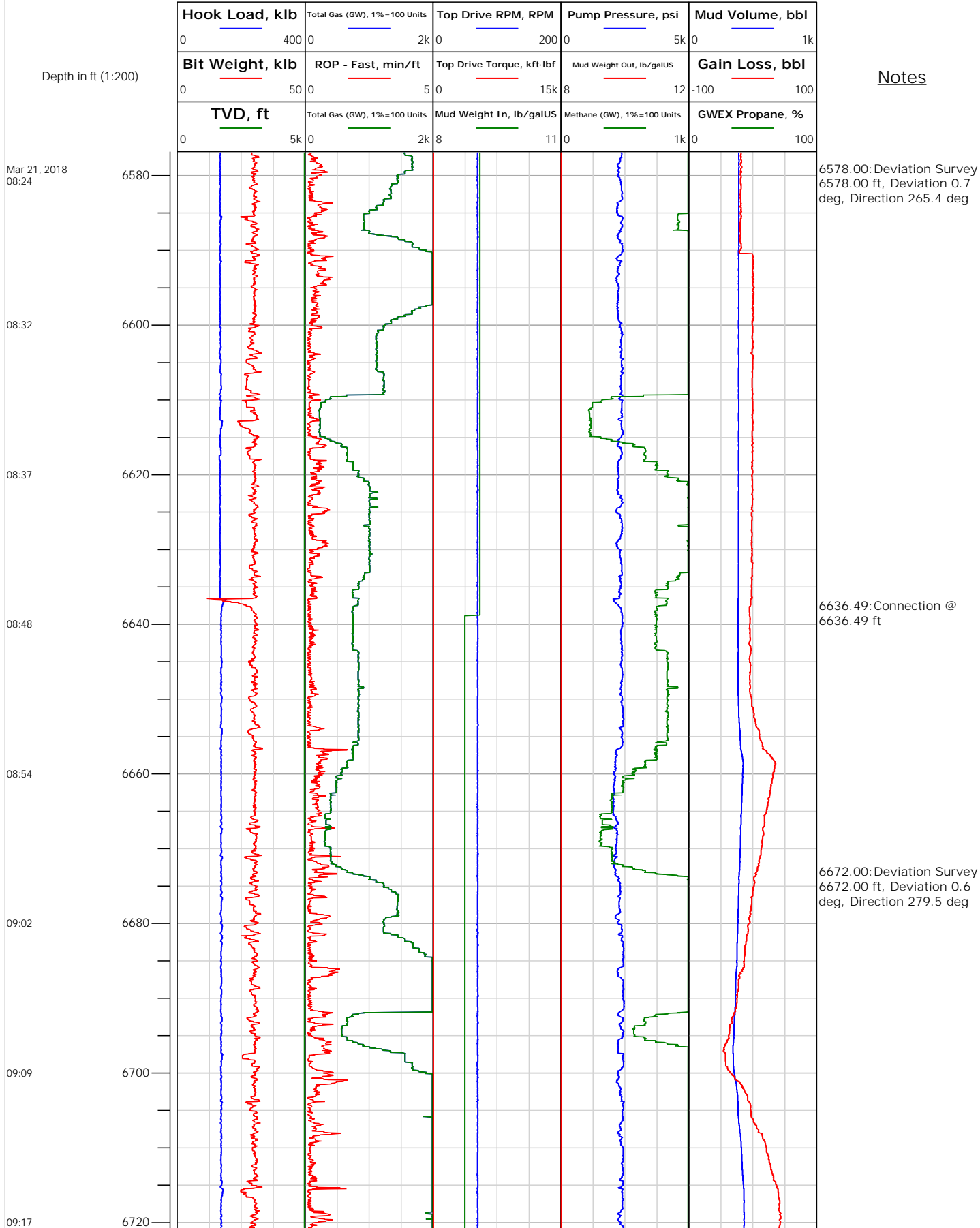
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Rig: 522

Location:

## Notes

Depth in ft (1:200)

Mar 21, 2018  
09:32

09:38

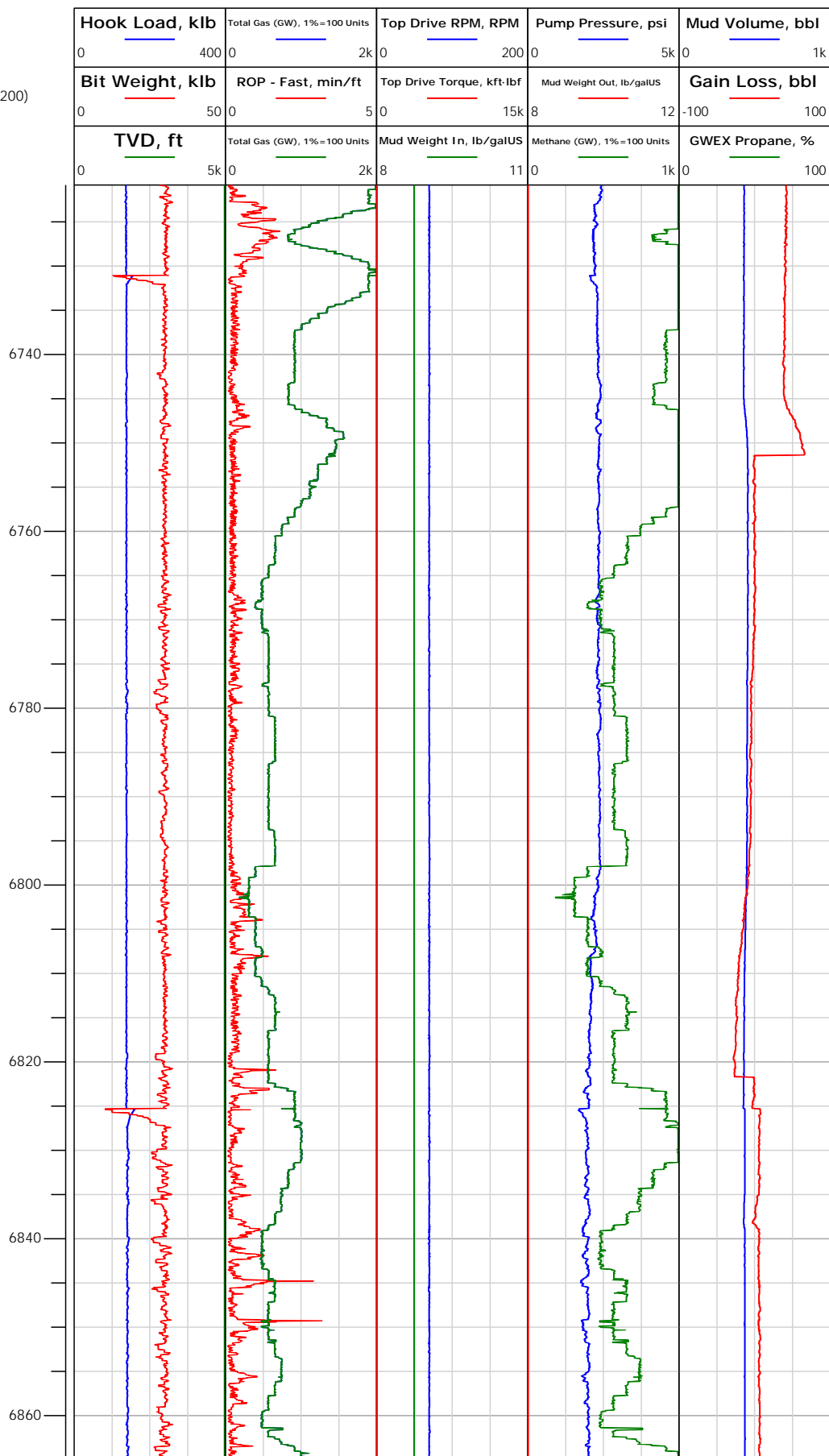
09:43

09:47

09:55

10:06

10:14





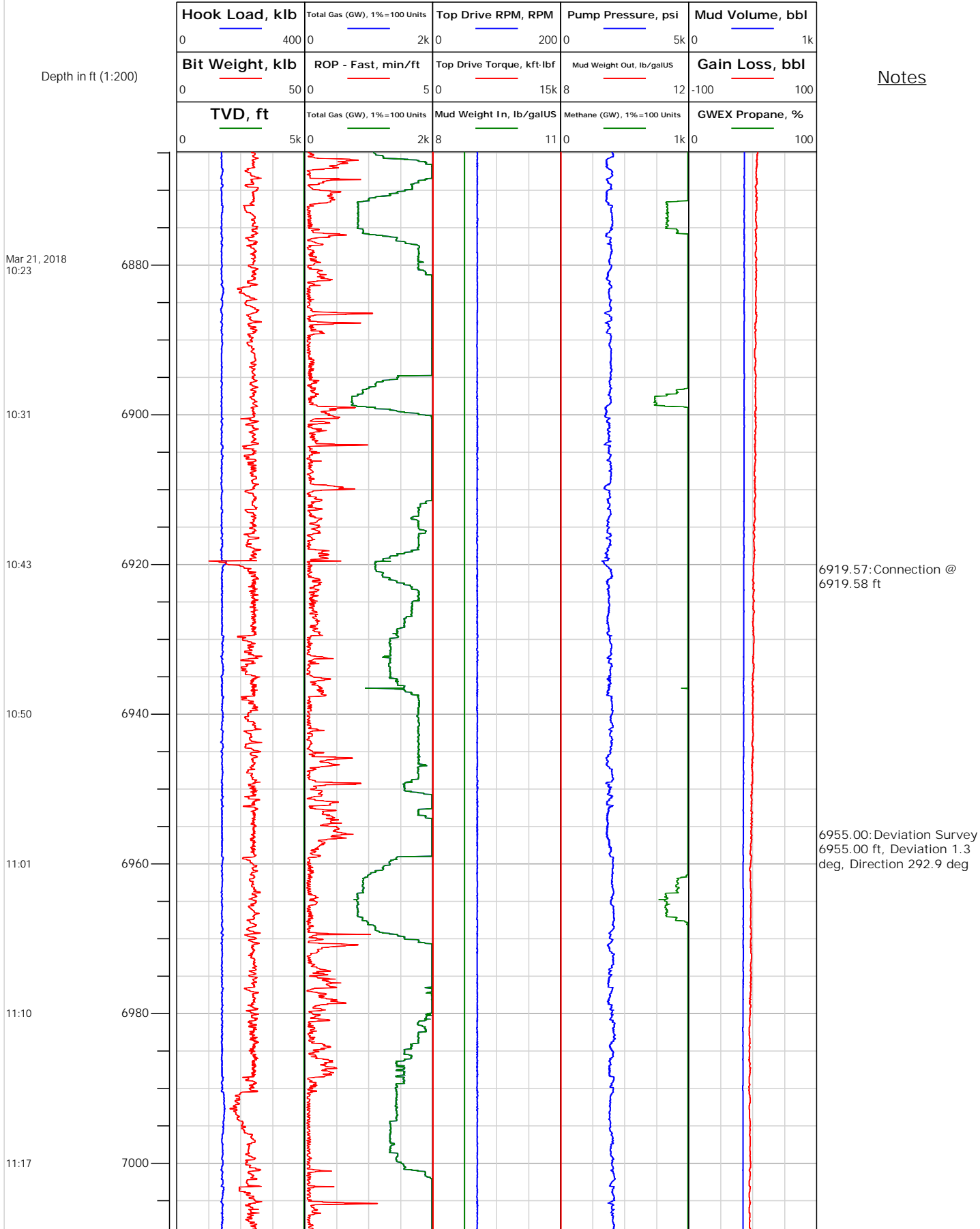
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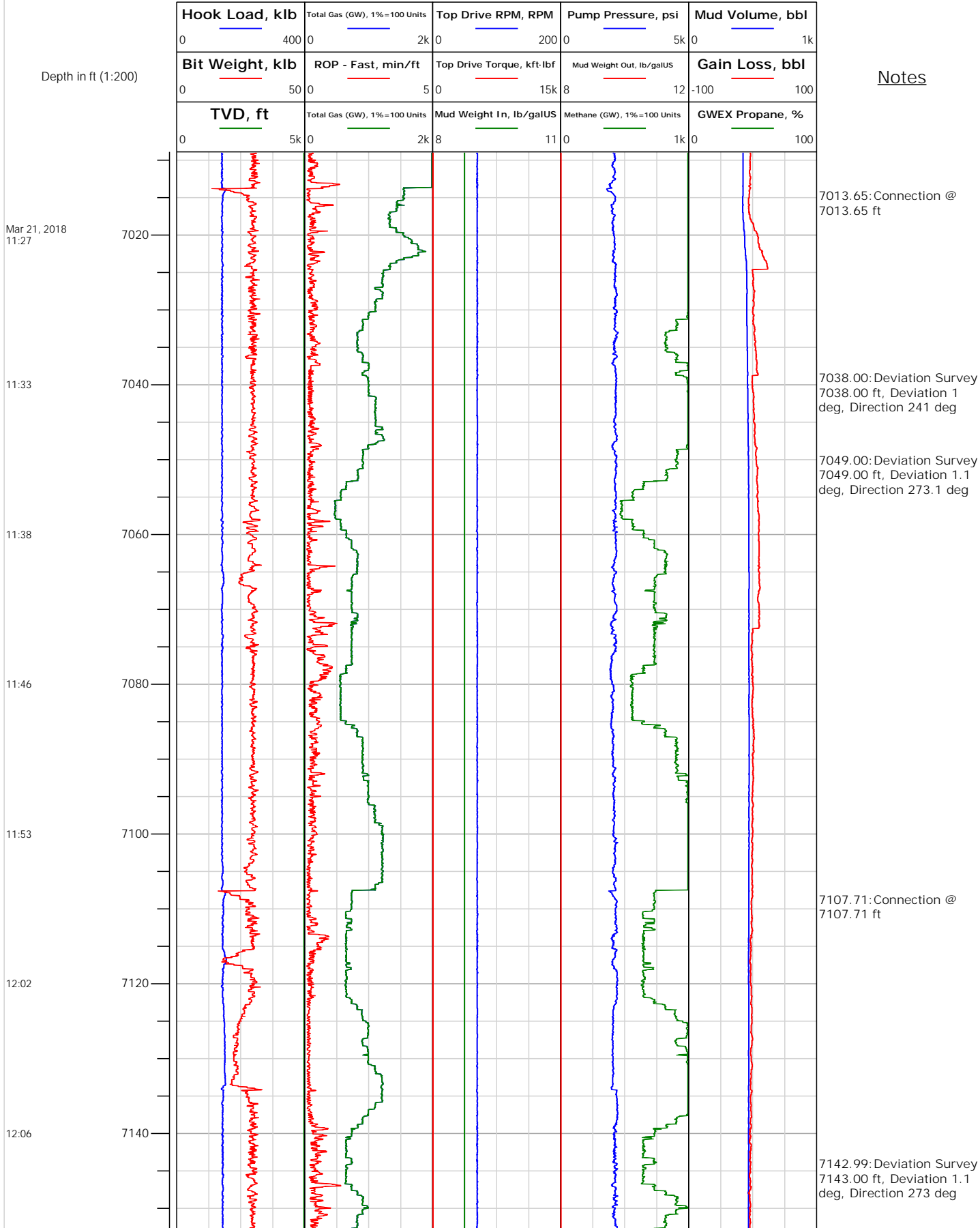
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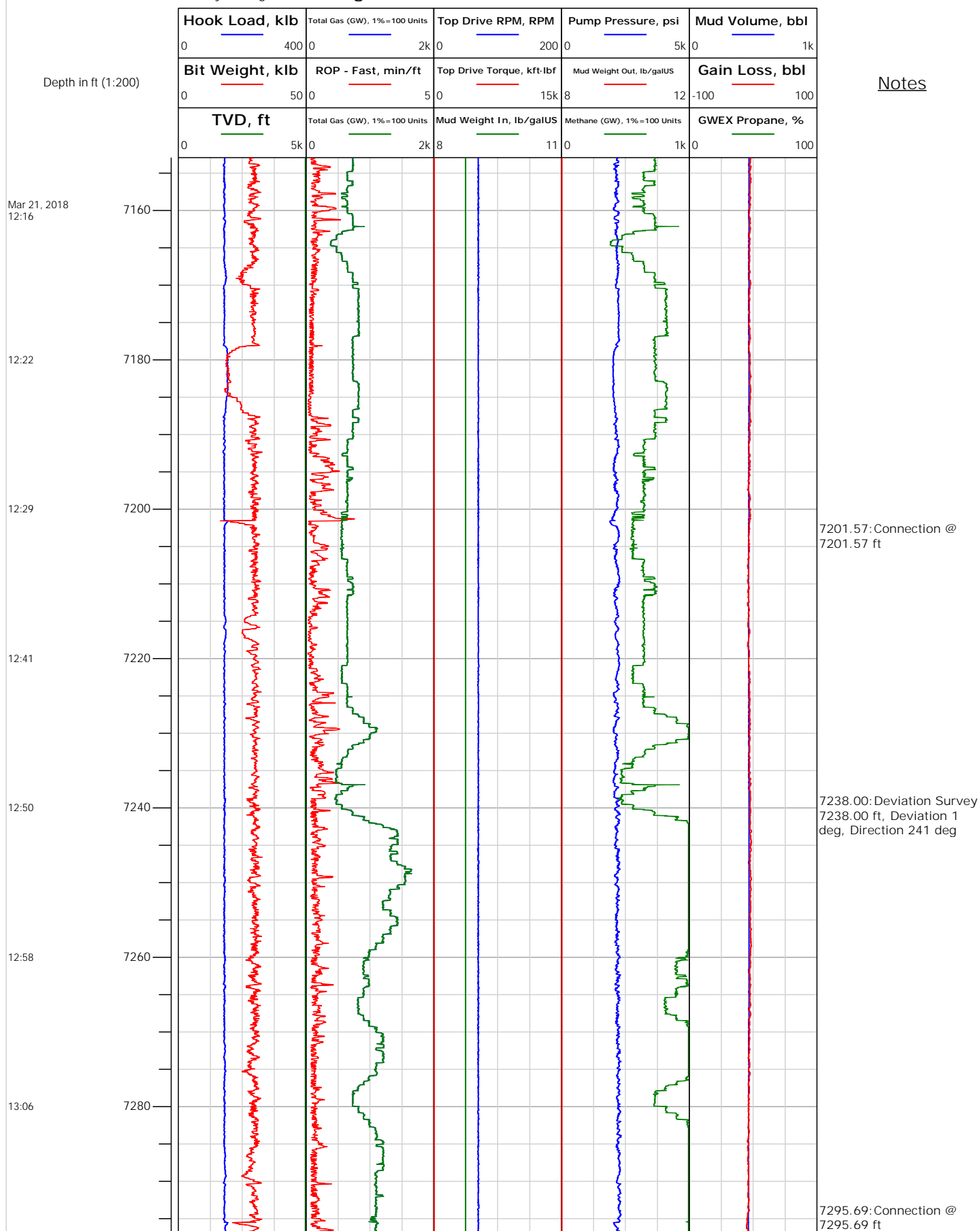
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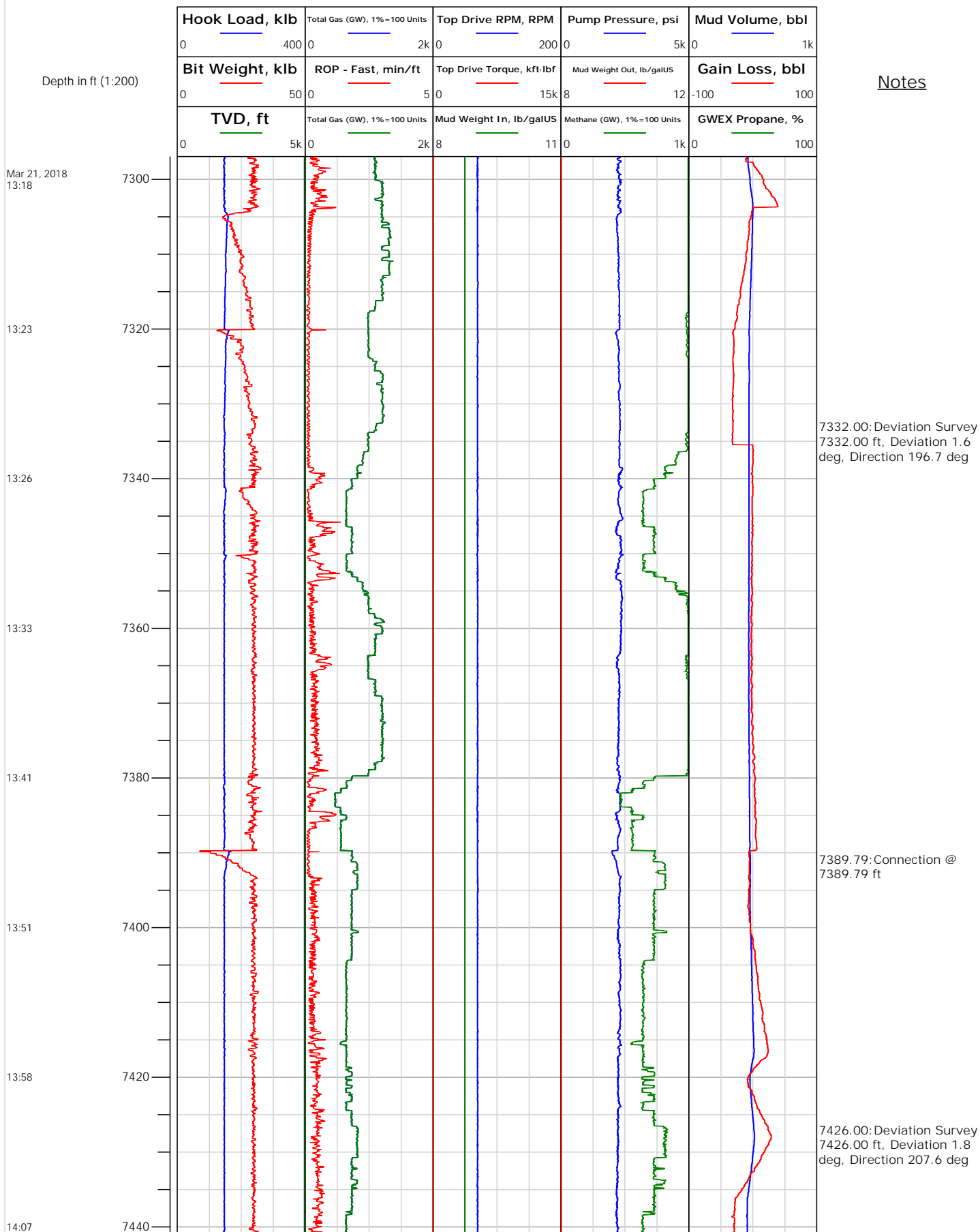
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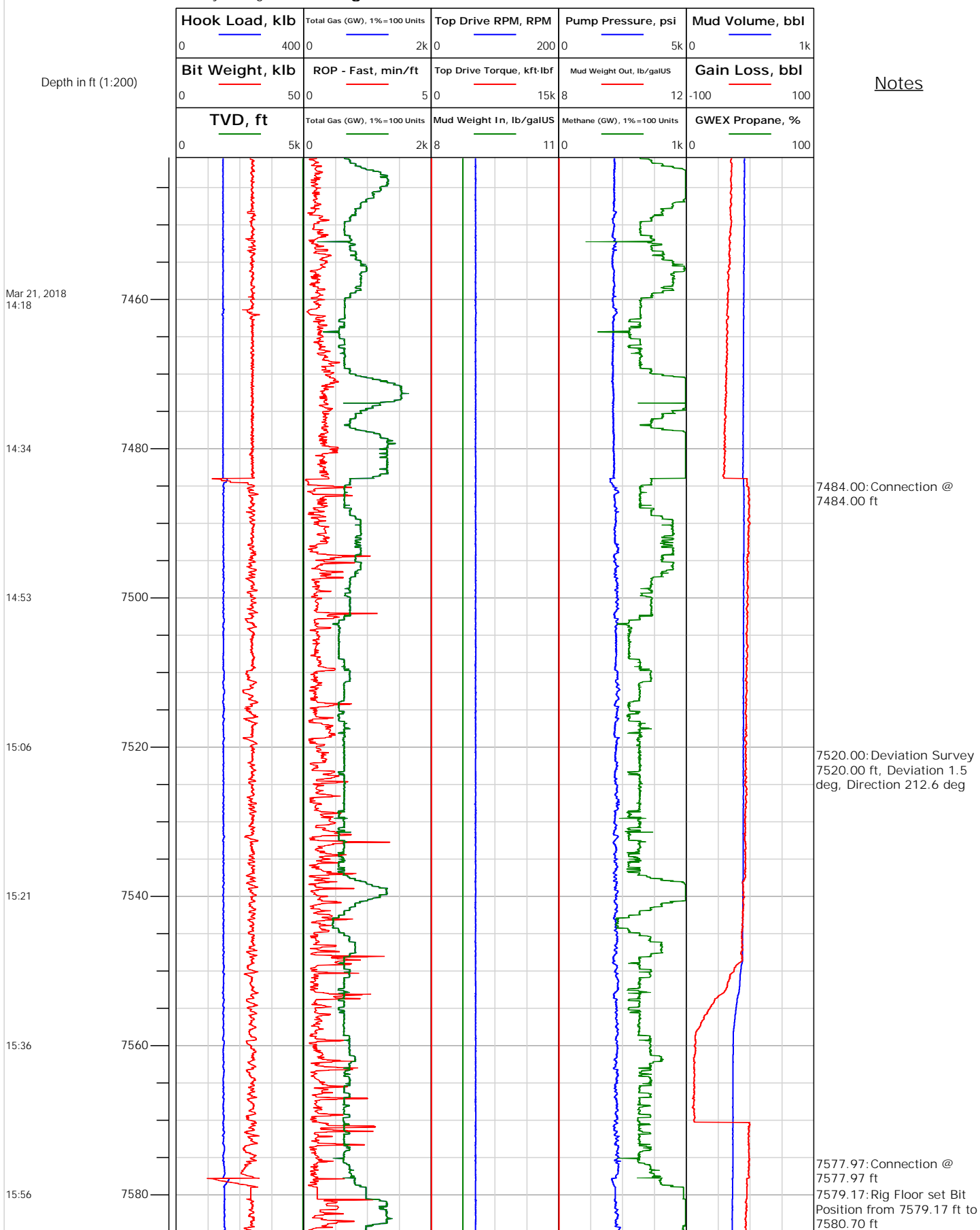
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