



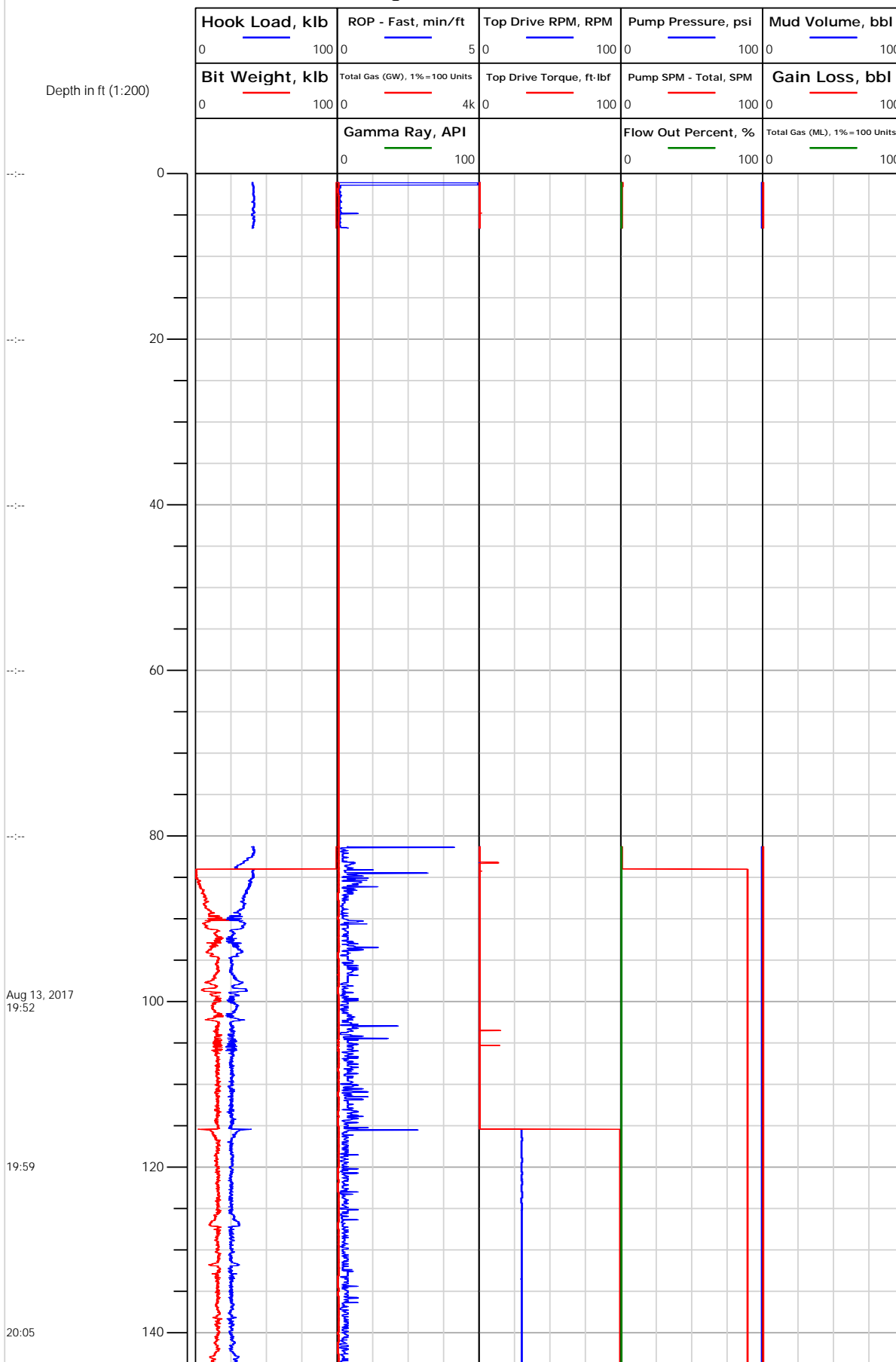
# Electronic Drilling Recorder

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

**Well Name:** Bruton 0993-19-02W  
**Rig:** 290

**Location:** SE/4 of NW/4

## Notes



0.00: Deviation Survey  
 0.00 ft, Deviation 0 deg,  
 Direction 0 deg  
 6.44: Rig Floor set Bit  
 Position from 1.00 ft to  
 81.28 ft

Aug 13, 2017  
 19:52

19:59

20:05

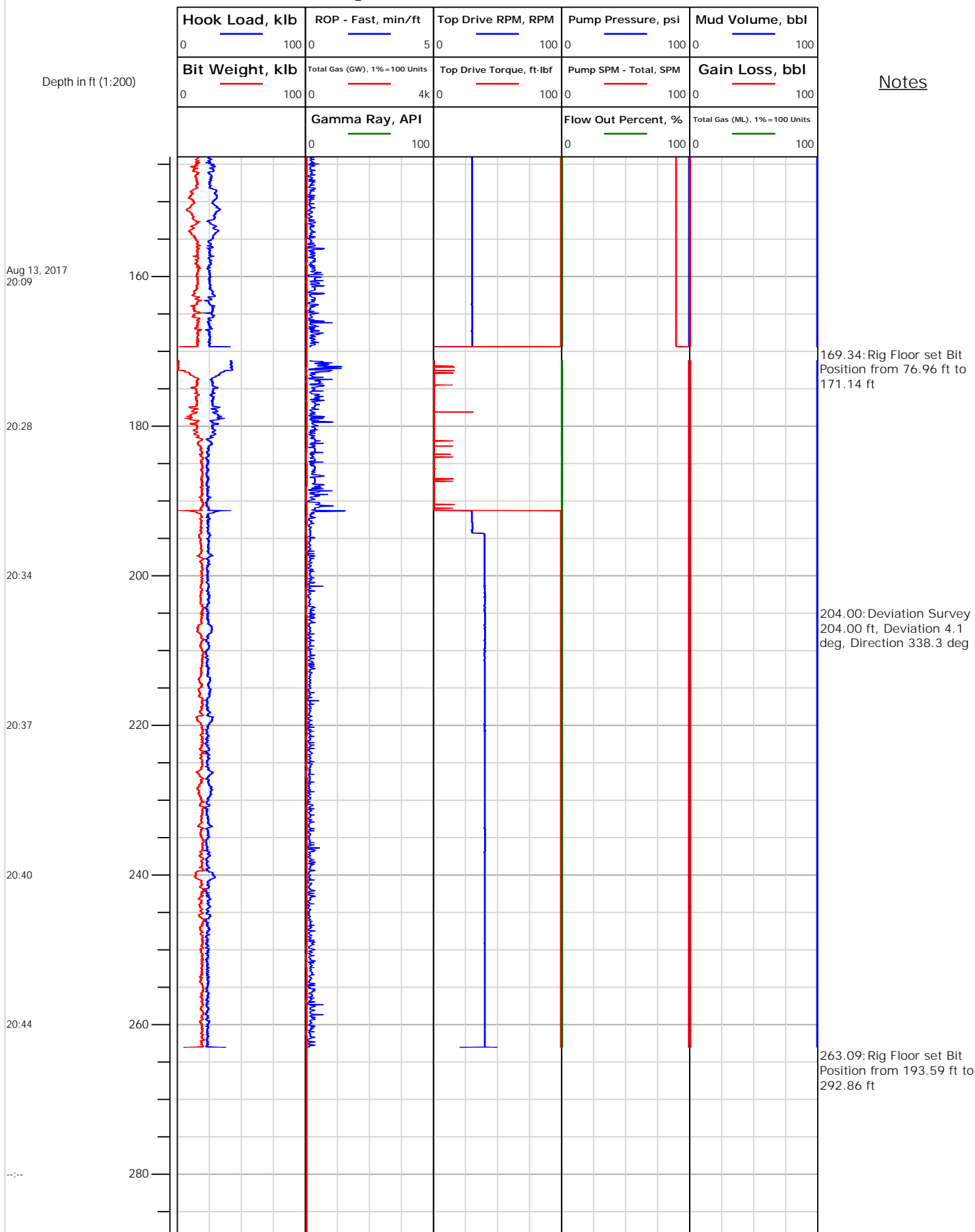


# Electronic Drilling Recorder

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**Well Name:** Bruton 0993-19-02W  
**Rig:** 290

**Location:** SE/4 of NW/4







# Electronic Drilling Recorder

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**Well Name:** Bruton 0993-19-02W  
**Rig:** 290

**Location:** SE/4 of NW/4

## Notes

Depth in ft (1:200)

Aug 13, 2017  
21:00

21:02

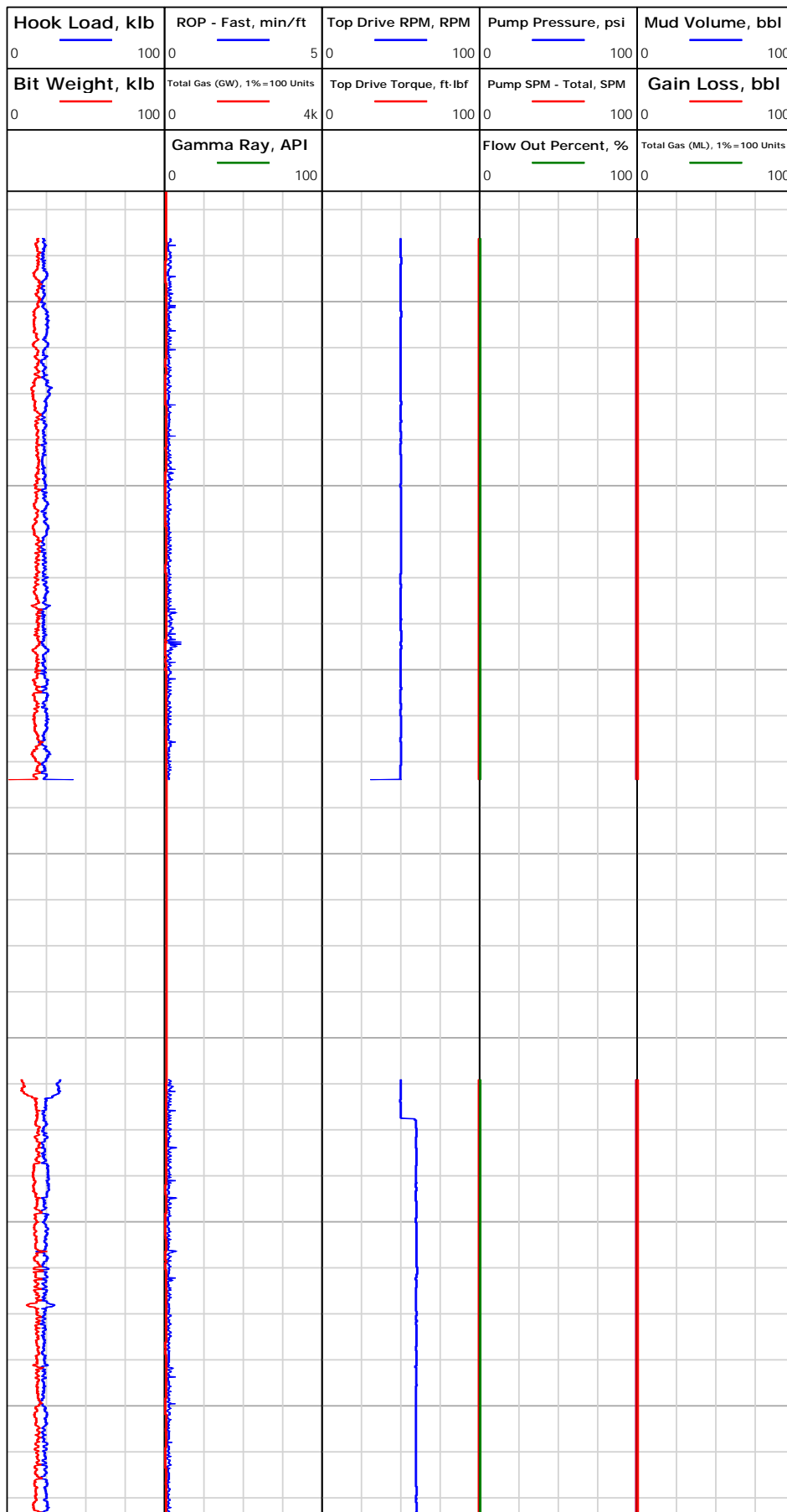
21:05

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Aug 13, 2017  
21:20

21:22



295.00: Deviation Survey  
295.00 ft, Deviation 5.7  
deg, Direction 345.9 deg

351.98: Rig Floor set Bit  
Position from 285.91 ft to  
384.48 ft

386.00: Deviation Survey  
386.00 ft, Deviation 8.4  
deg, Direction 356.7 deg



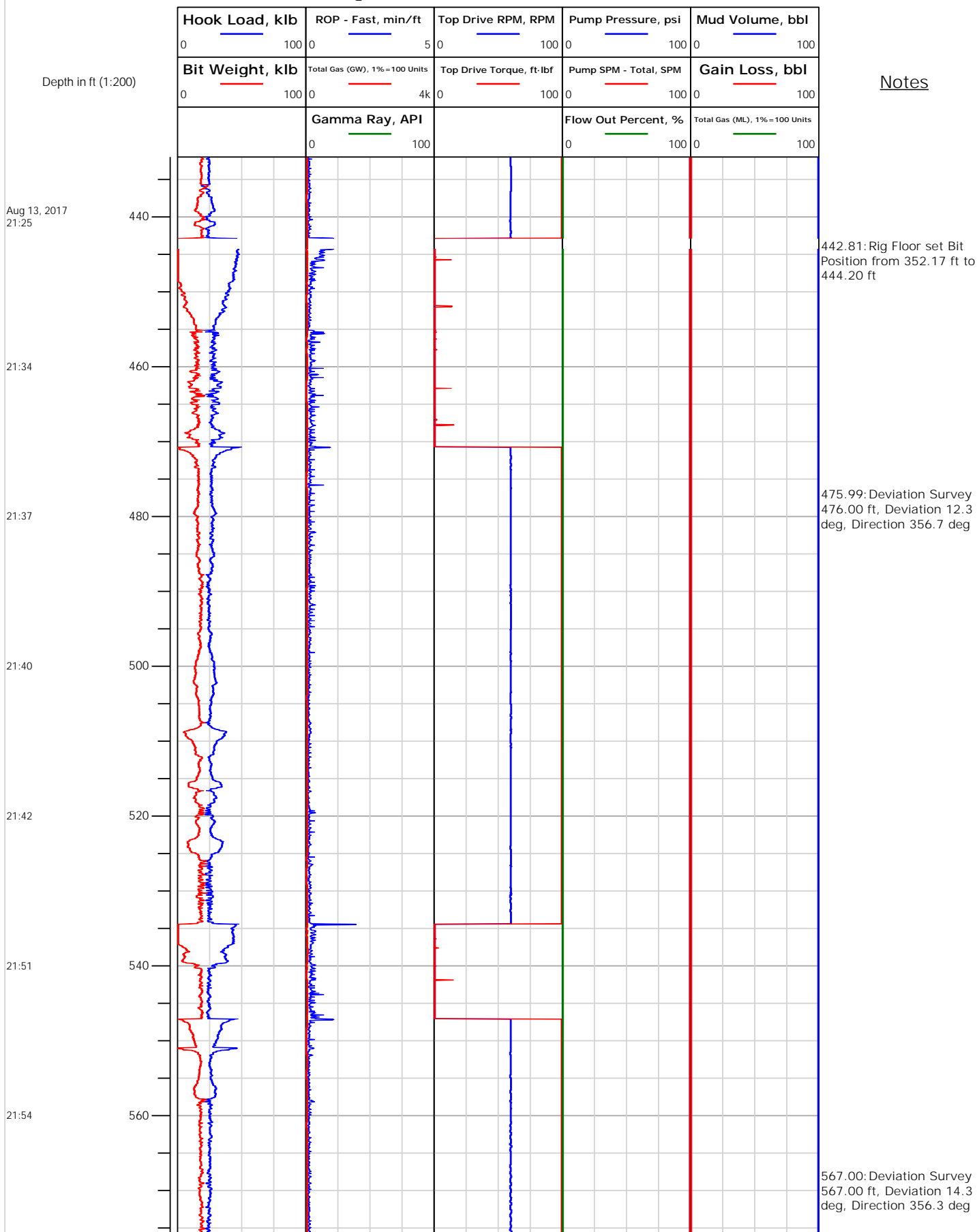
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**Well Name:** Bruton 0993-19-02W  
**Rig:** 290

**Location:** SE/4 of NW/4

## Notes





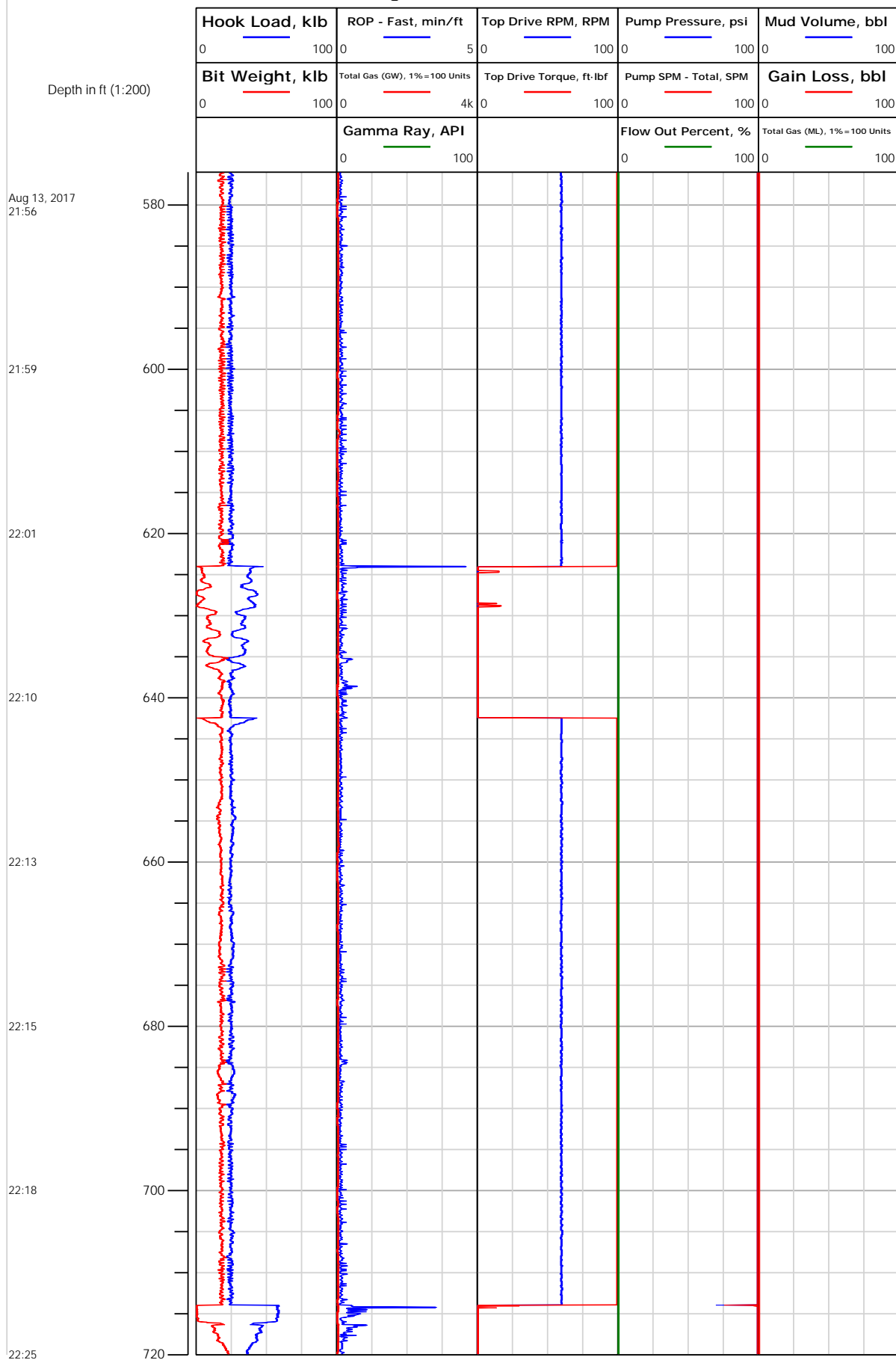
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Well Name: Bruton 0993-19-02W  
Rig: 290

Location: SE/4 of NW/4

Notes





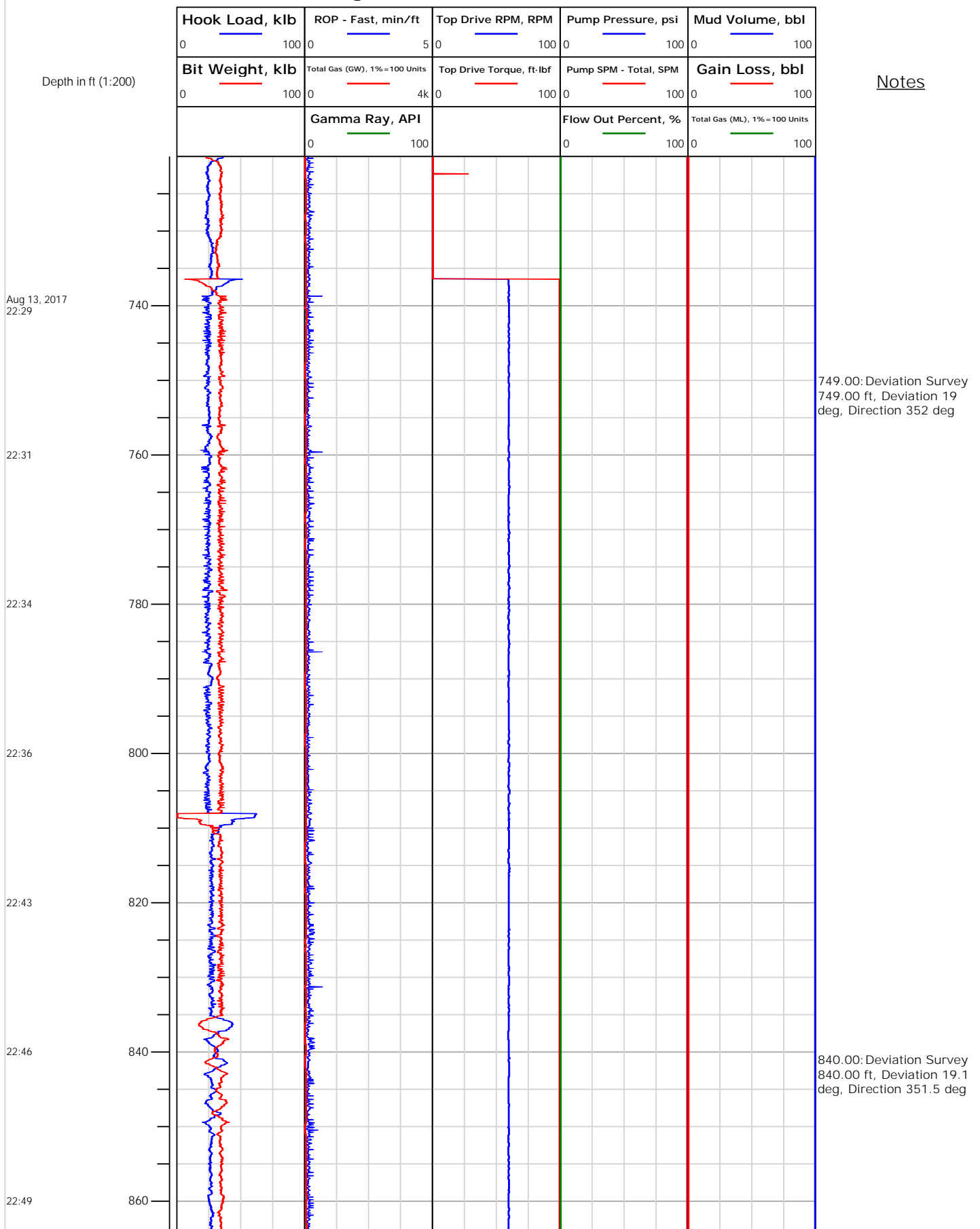
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**Well Name:** Bruton 0993-19-02W  
**Rig:** 290

**Location:** SE/4 of NW/4

## Notes





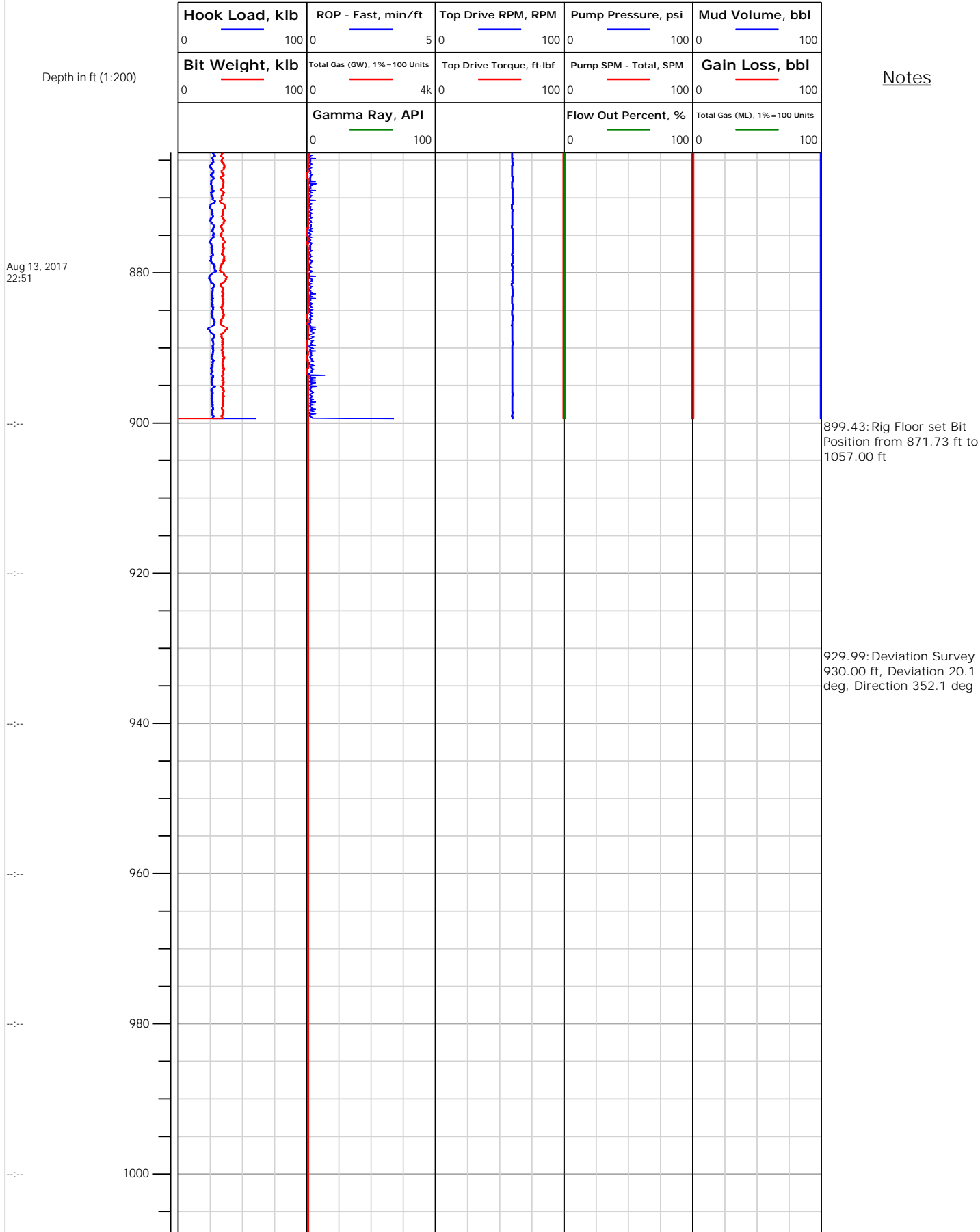
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**Rig:** 290

**Location:** SE/4 of NW/4

## Notes





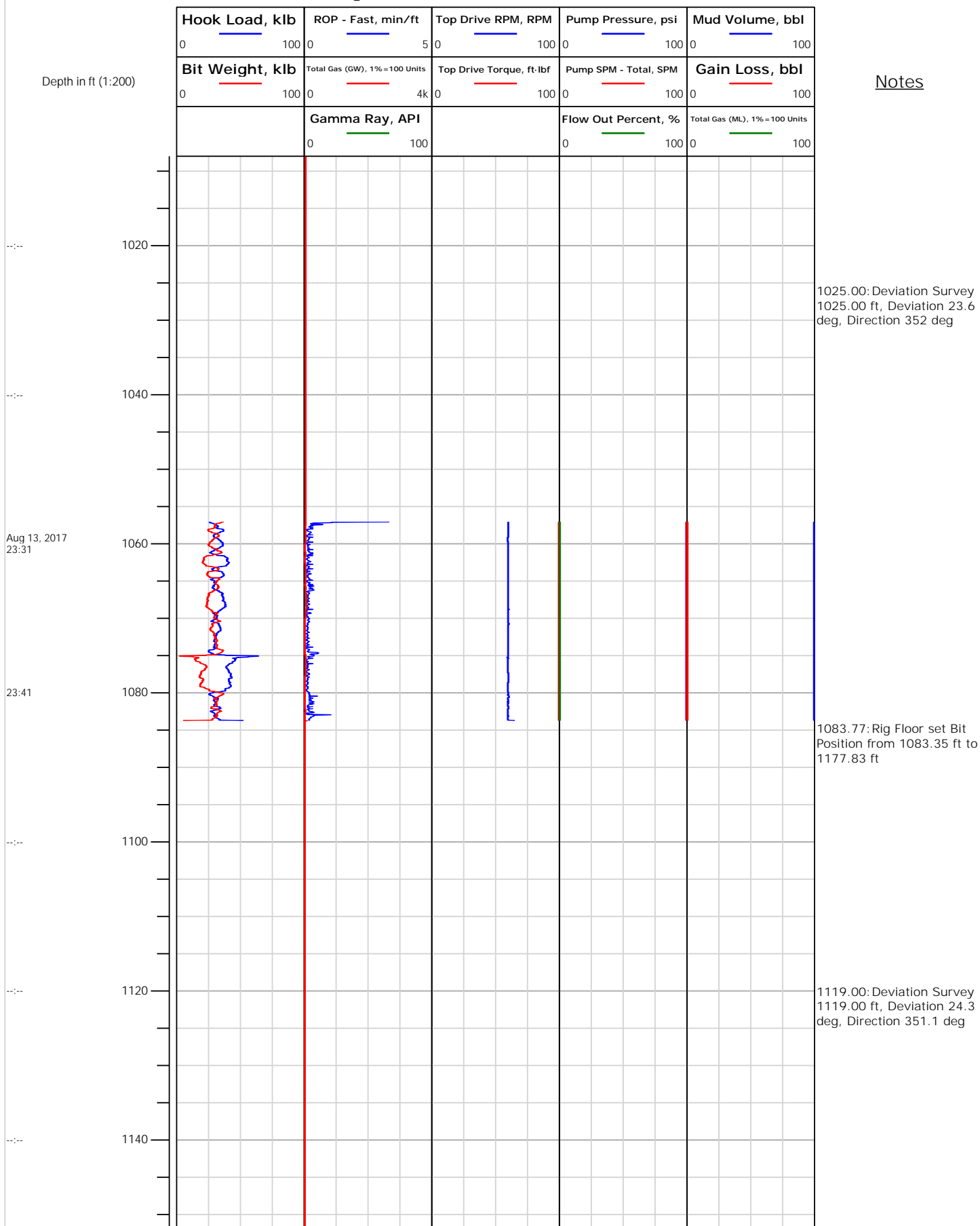
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**Rig:** 290

**Location:** SE/4 of NW/4

## Notes





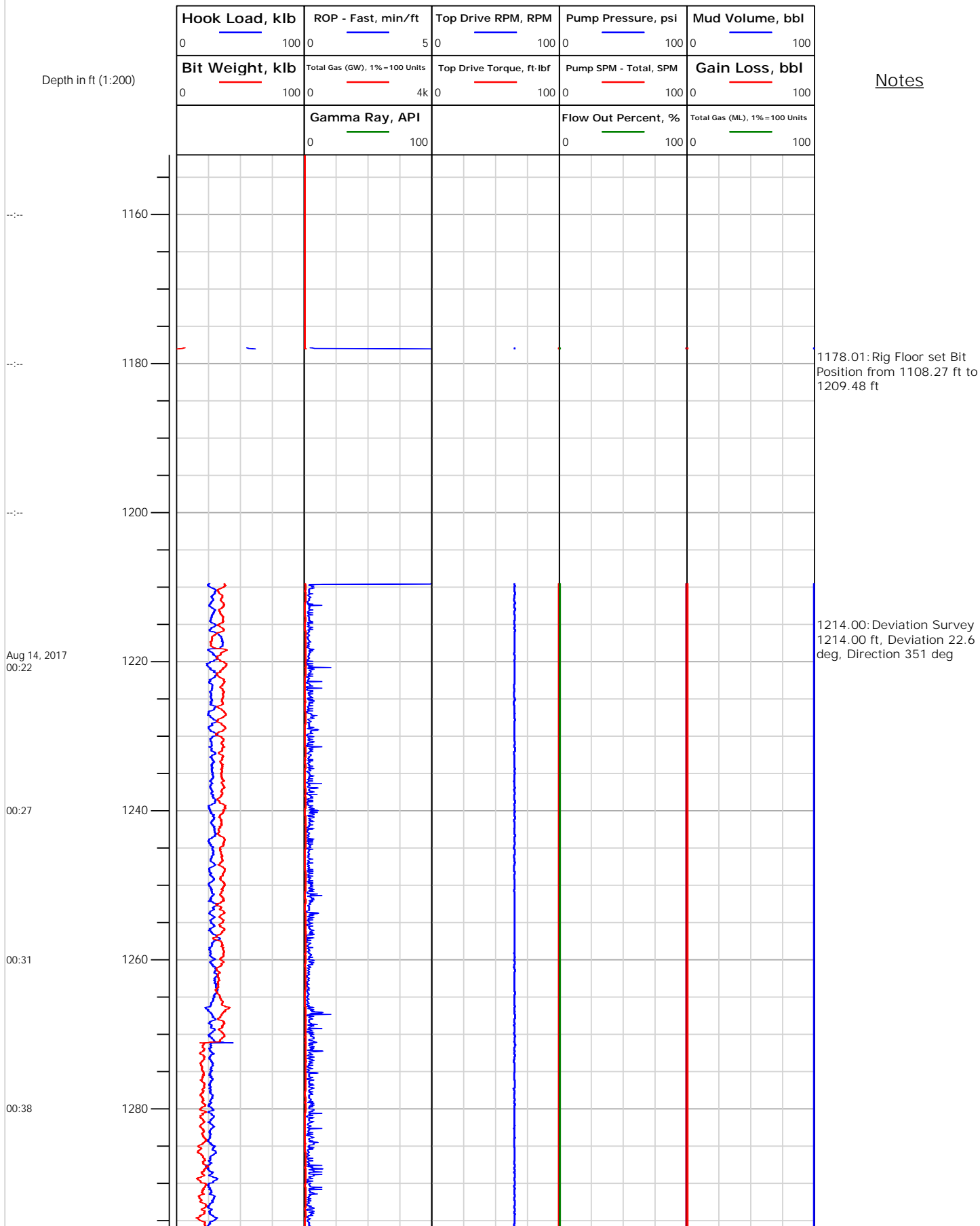
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**Location:** SE/4 of NW/4

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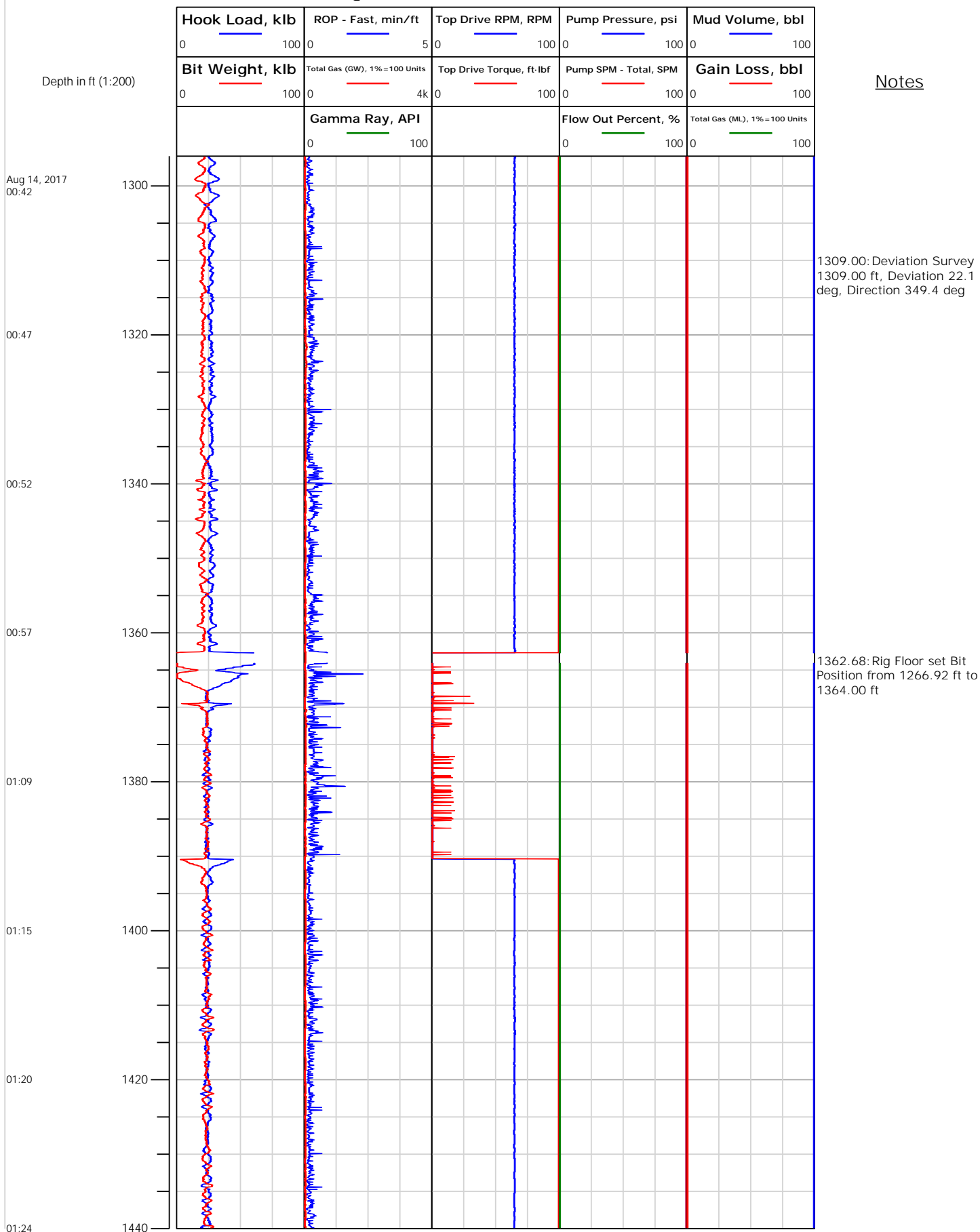


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**Rig:** 290

**Location:** SE/4 of NW/4







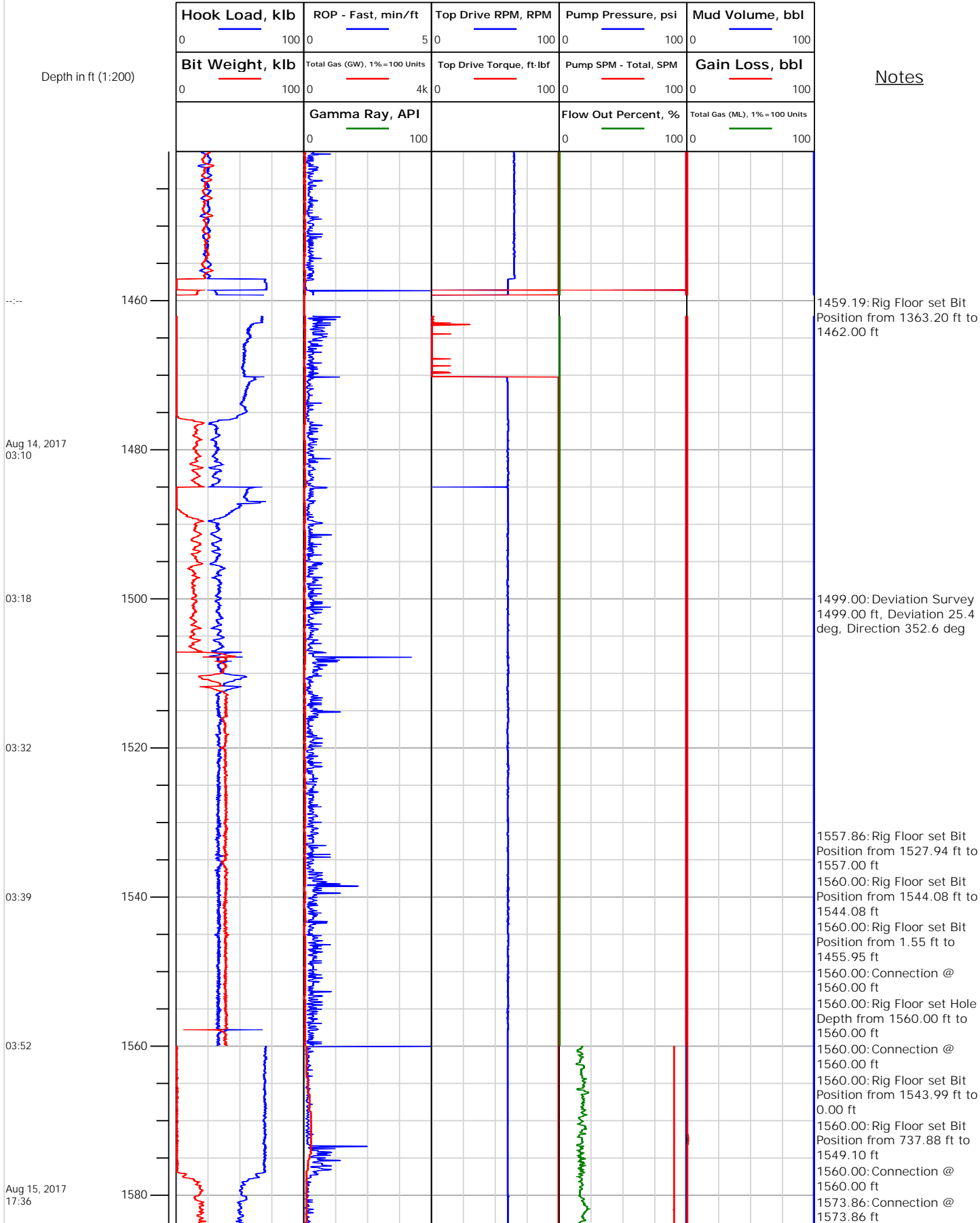
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**Location:** SE/4 of NW/4

## Notes



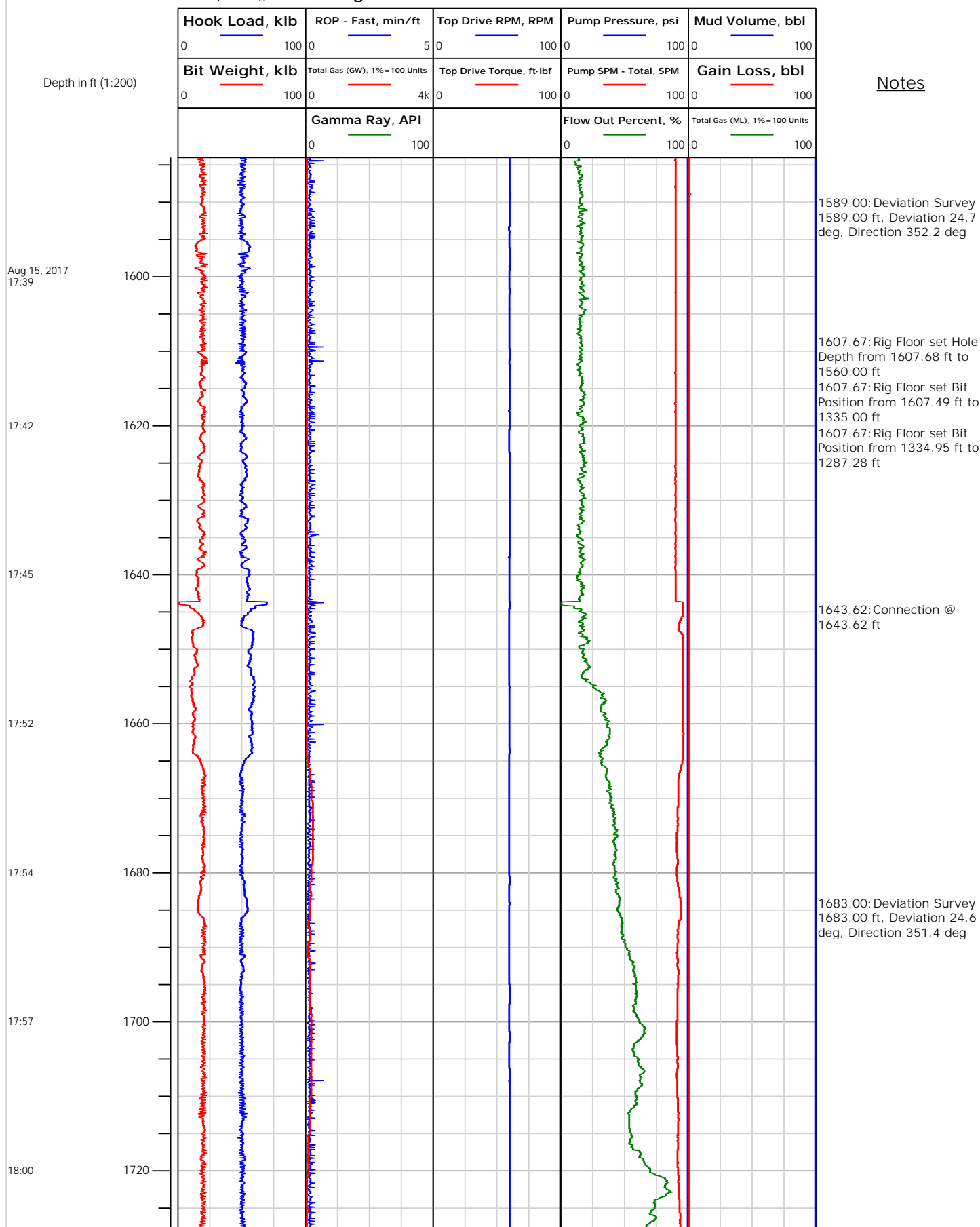


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Well Name: Bruton 0993-19-02W  
Rig: 290

Location: SE/4 of NW/4





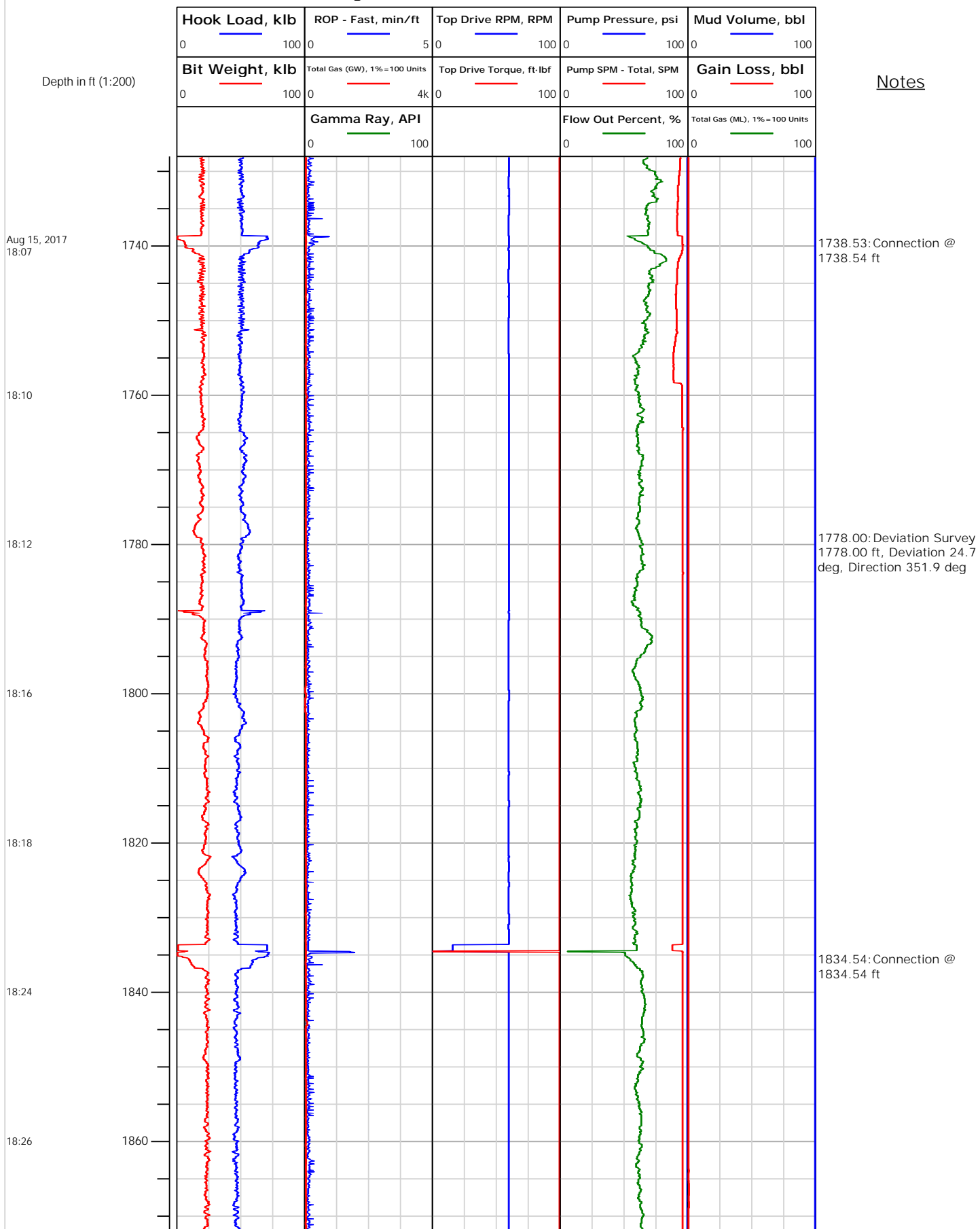
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## Notes





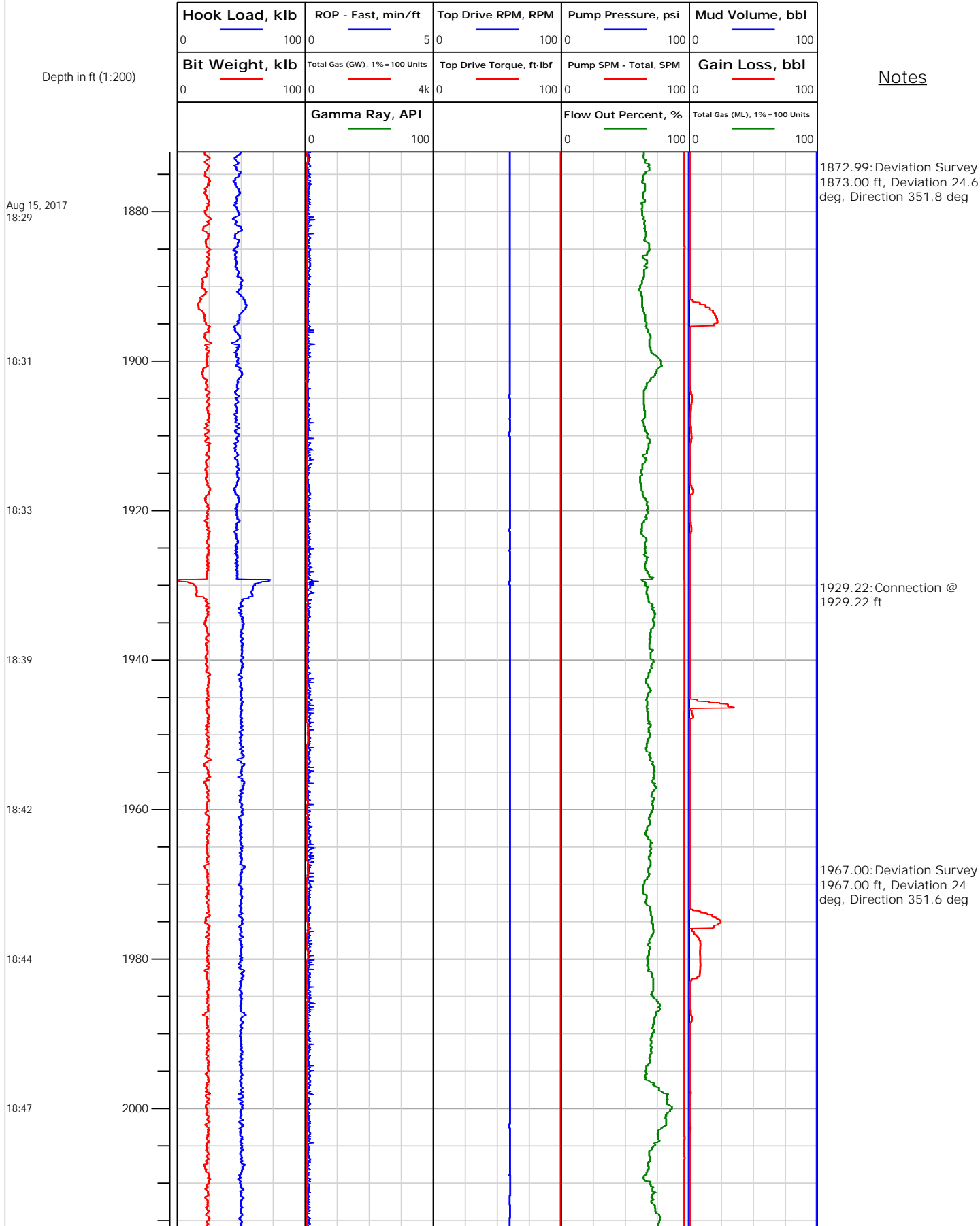
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## Notes





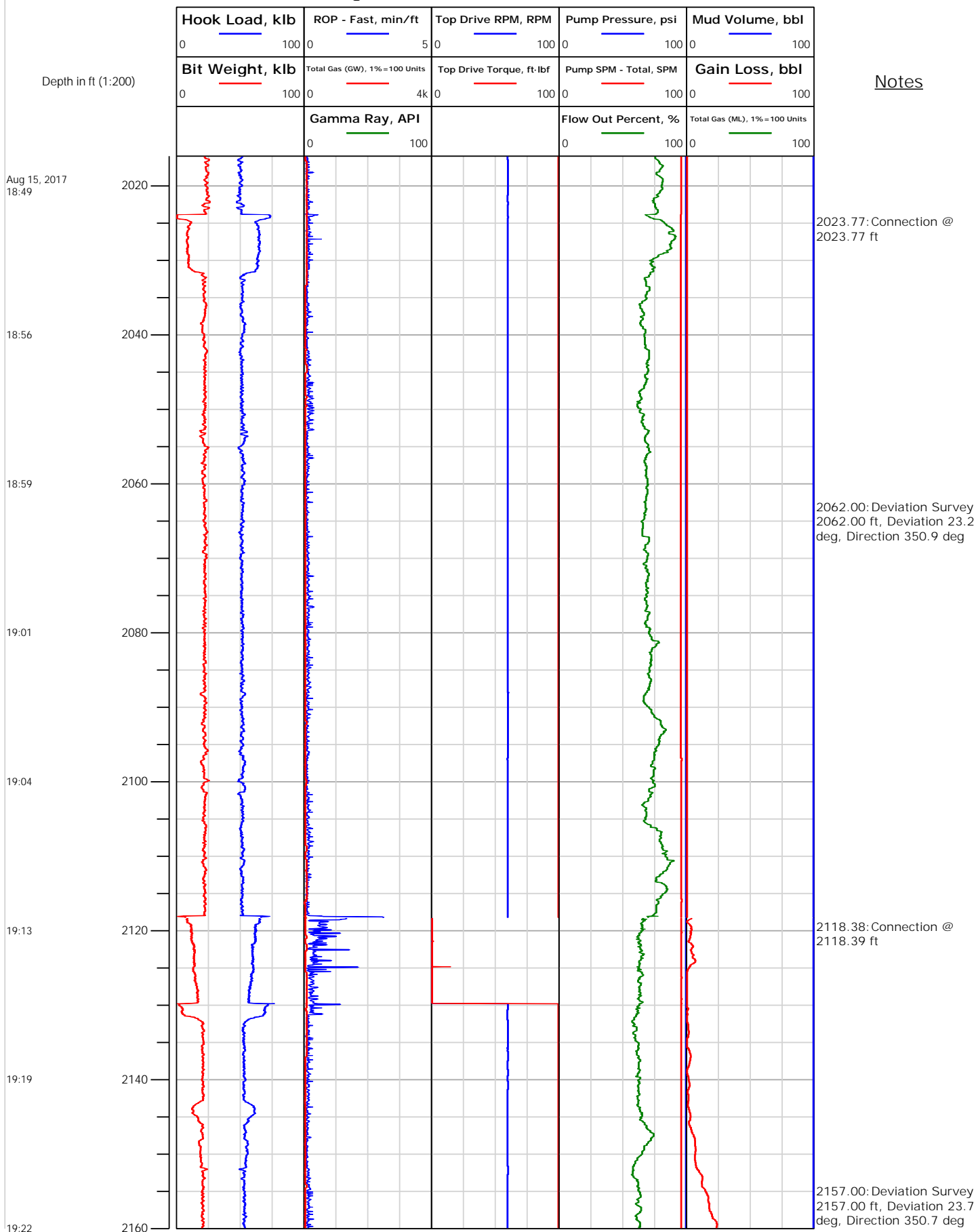
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## Notes





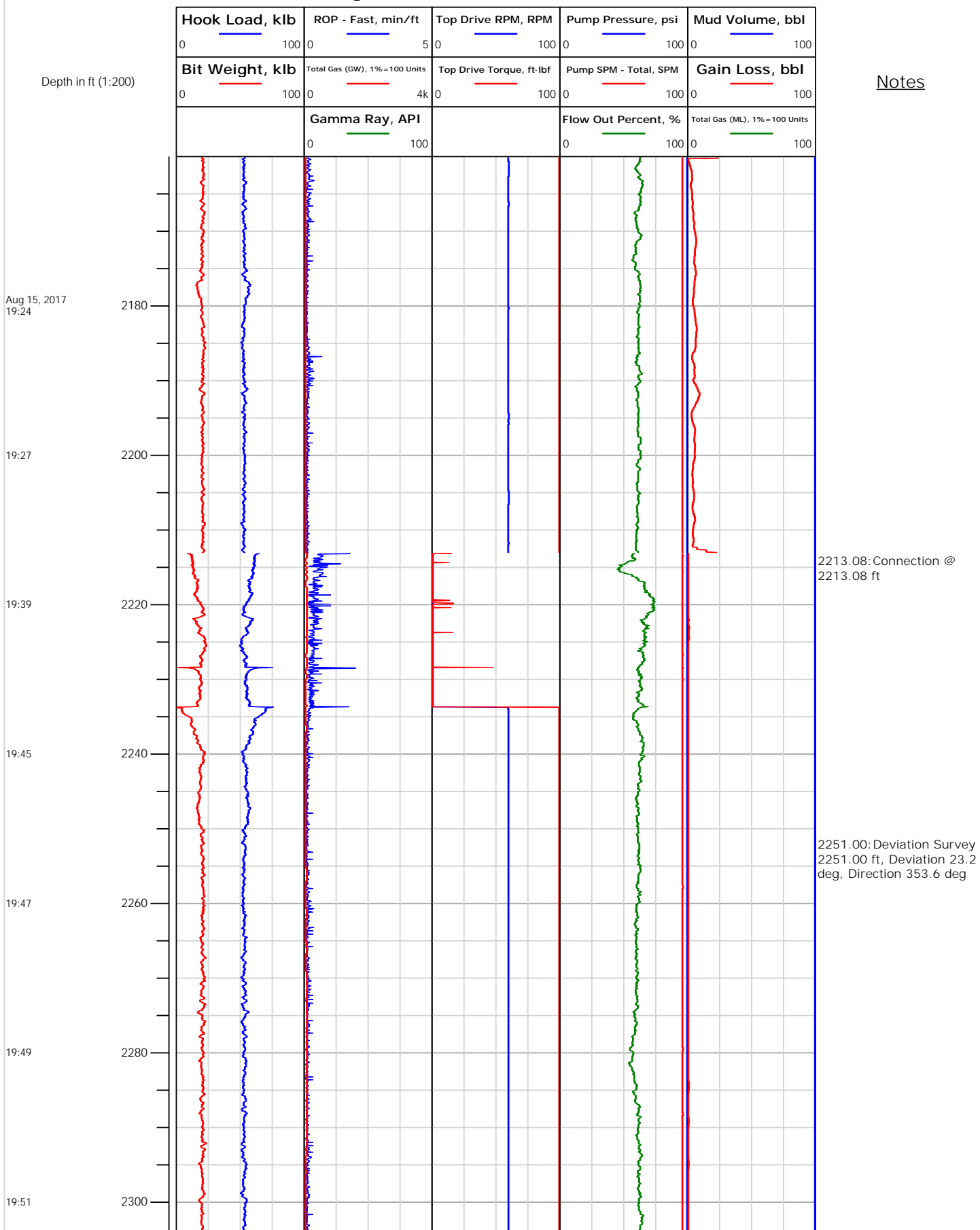
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**Rig:** 290

**Location:** SE/4 of NW/4

Notes





# Electronic Drilling Recorder

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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Bruton 0993-19-02W  
**Rig:** 290

**Location:** SE/4 of NW/4

## Notes

Depth in ft (1:200)

Aug 15, 2017  
19:57

19:59

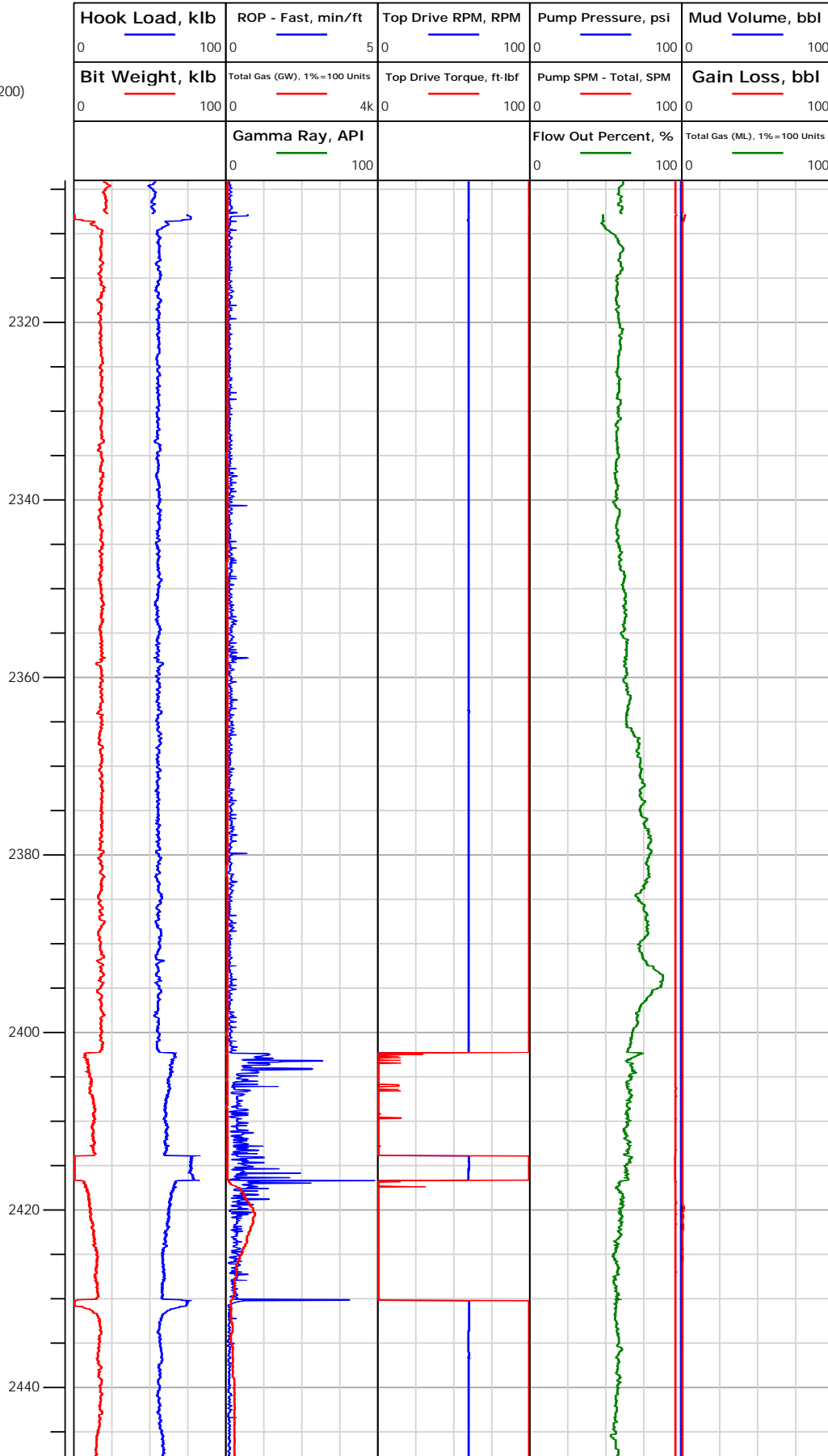
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20:05

20:08

20:31

20:36





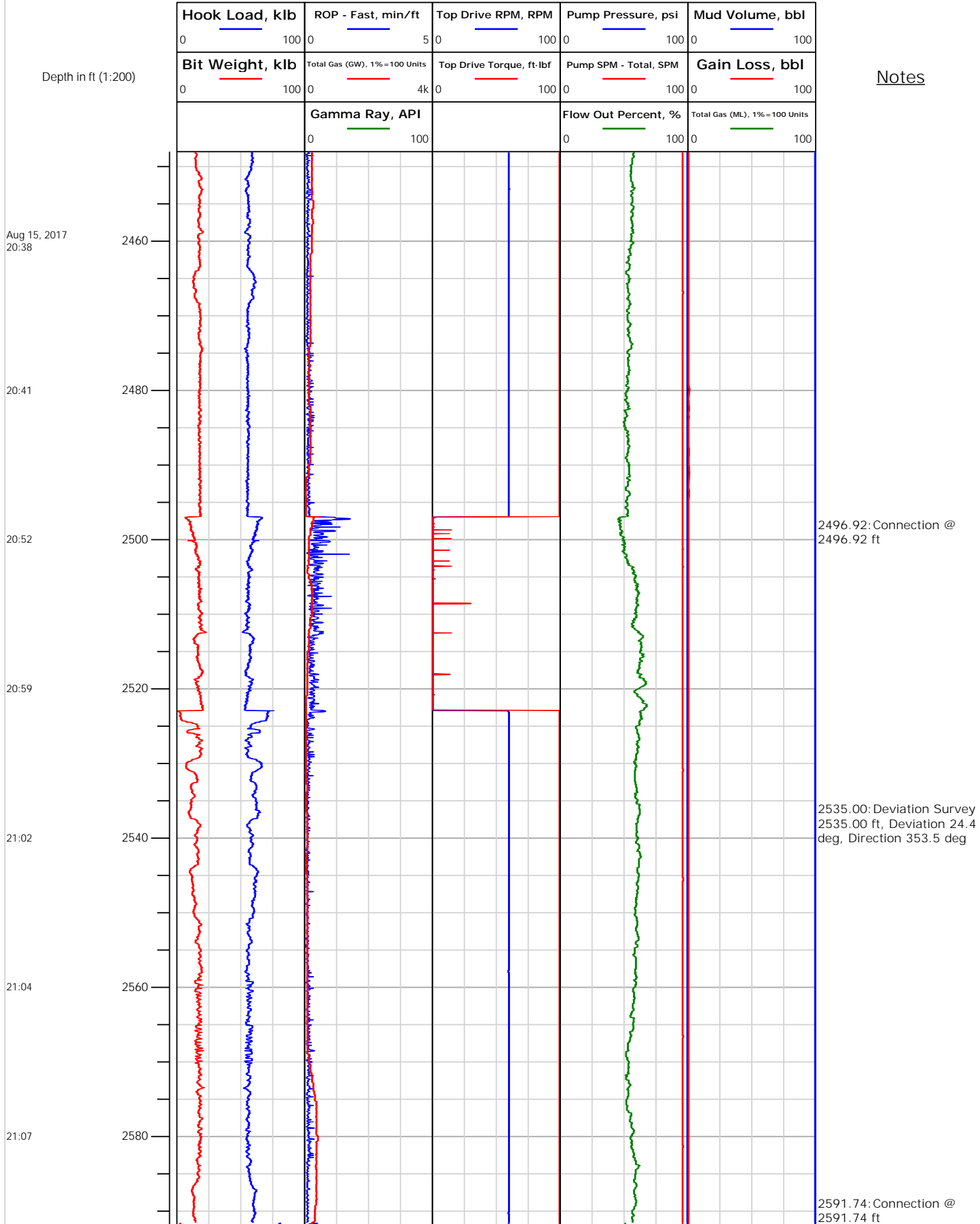
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**Rig:** 290

**Location:** SE/4 of NW/4

Notes







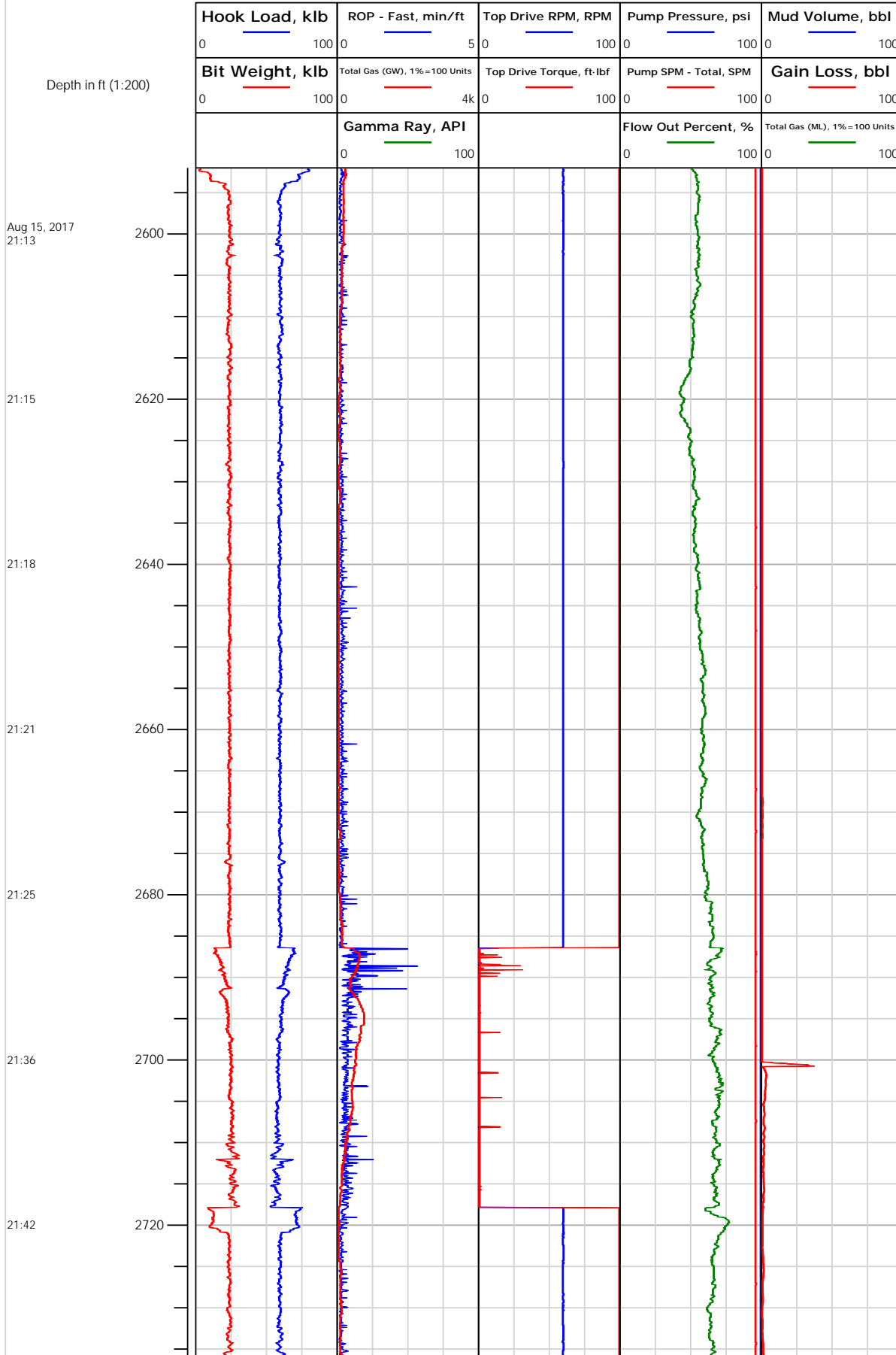
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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Bruton 0993-19-02W  
**Rig:** 290

**Location:** SE/4 of NW/4

Notes



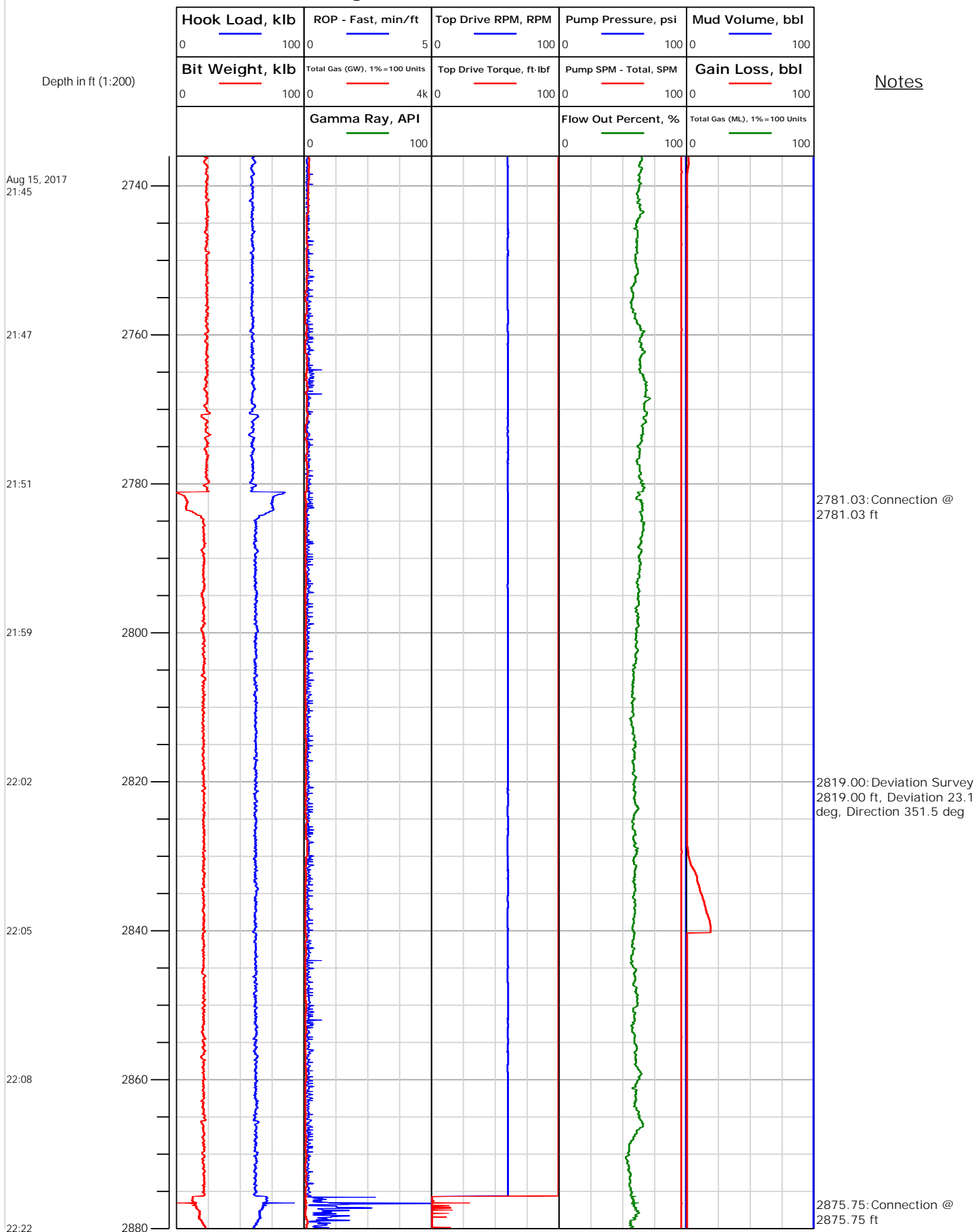


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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Bruton 0993-19-02W  
**Rig:** 290

**Location:** SE/4 of NW/4





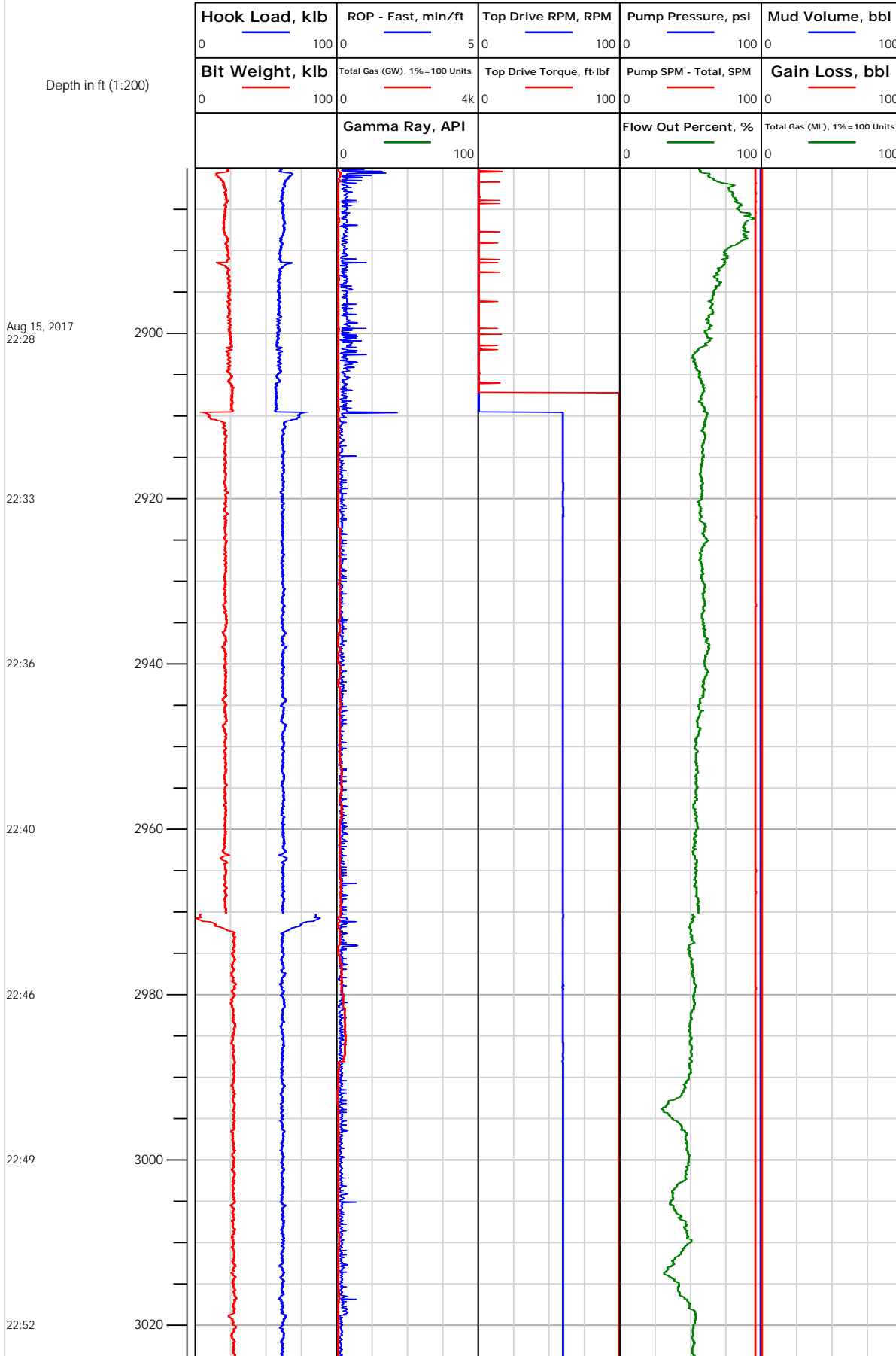
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**Rig:** 290

**Location:** SE/4 of NW/4

## Notes





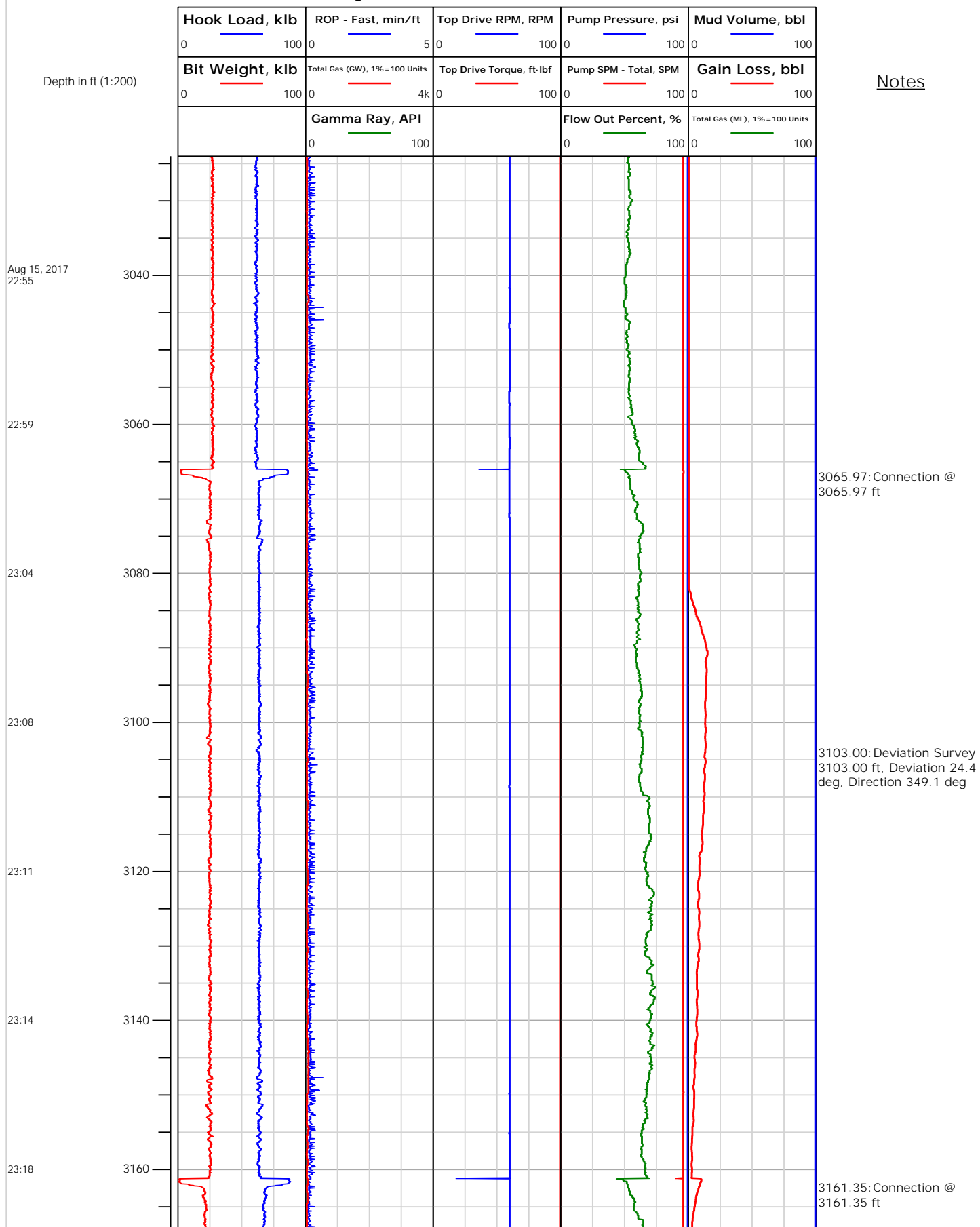
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Well Name: Bruton 0993-19-02W  
Rig: 290

Location: SE/4 of NW/4

## Notes





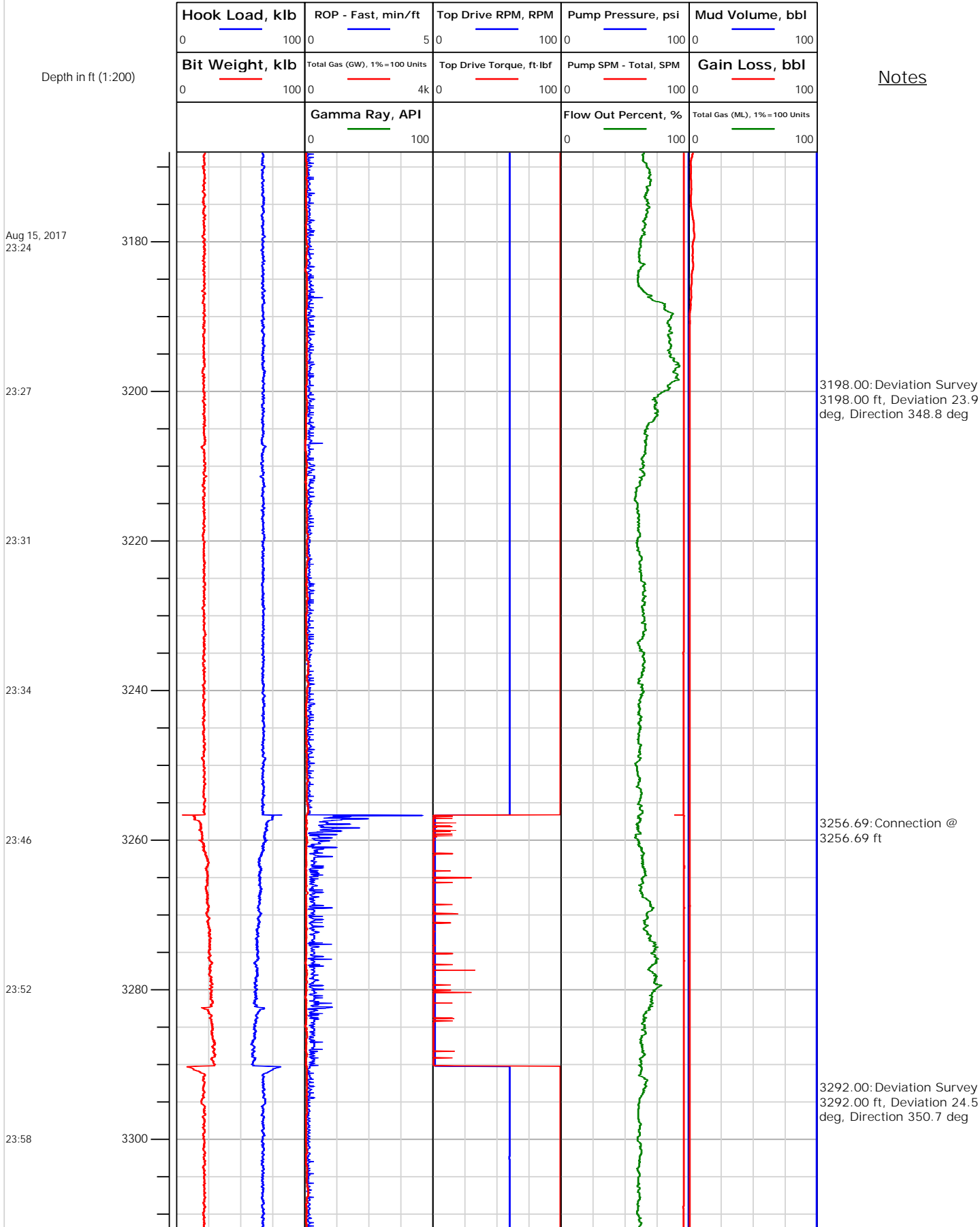
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**Rig:** 290

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## Notes





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**Well Name:** Bruton 0993-19-02W  
**Rig:** 290

**Location:** SE/4 of NW/4

Notes



3386.99: Deviation Survey  
 3387.00 ft, Deviation 24.7 deg, Direction 355.9 deg



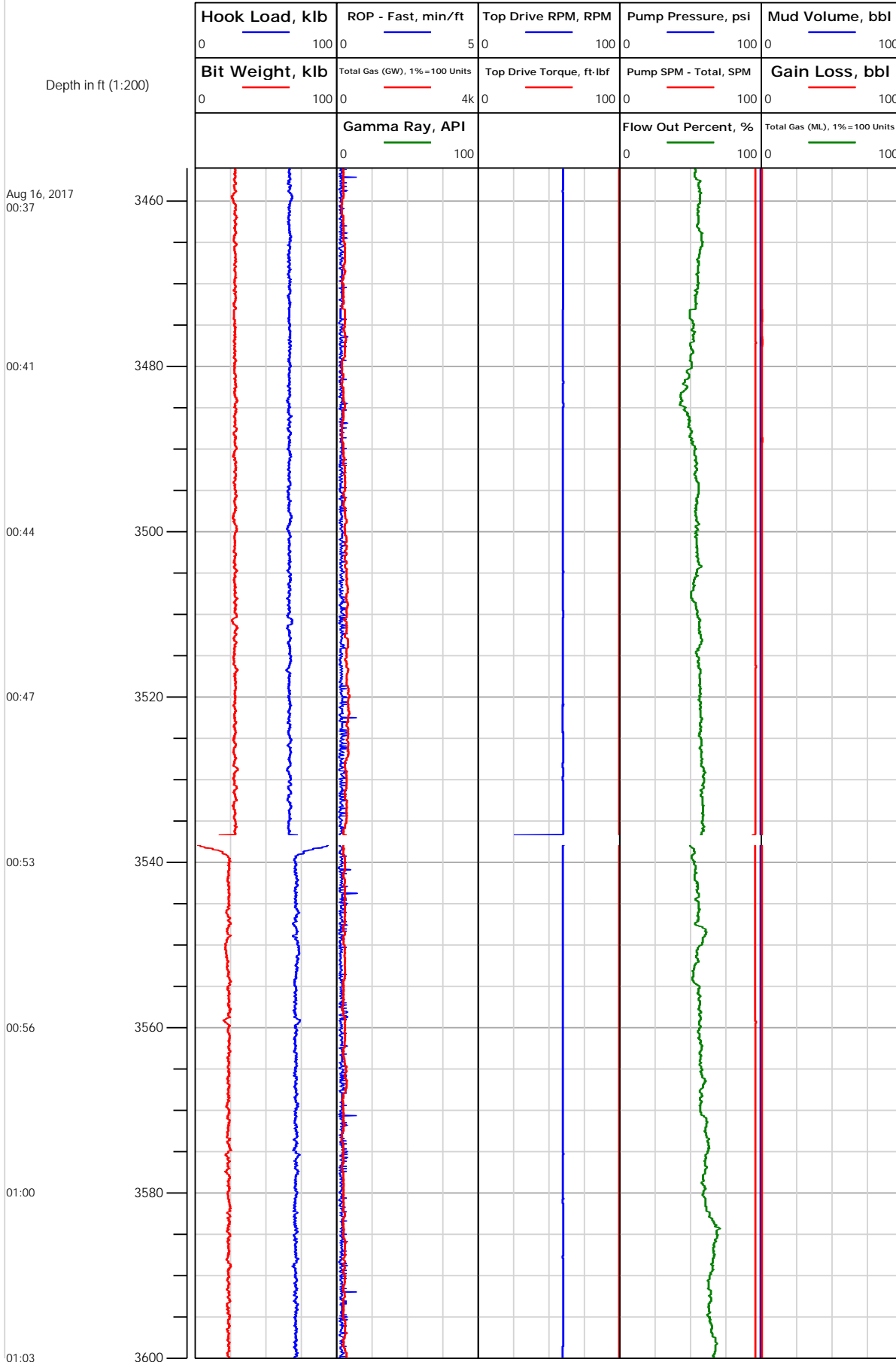
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**Well Name:** Bruton 0993-19-02W  
**Rig:** 290

**Location:** SE/4 of NW/4

## Notes



3472.78: Rig Floor set Bit Position from 3472.26 ft to 3170.00 ft  
3473.01: Rig Floor set Bit Position from 3175.54 ft to 3474.00 ft  
3481.00: Deviation Survey 3481.00 ft, Deviation 24.2 deg, Direction 355.3 deg

3537.90: Connection @ 3537.90 ft

3576.00: Deviation Survey 3576.00 ft, Deviation 23.9 deg, Direction 354.9 deg



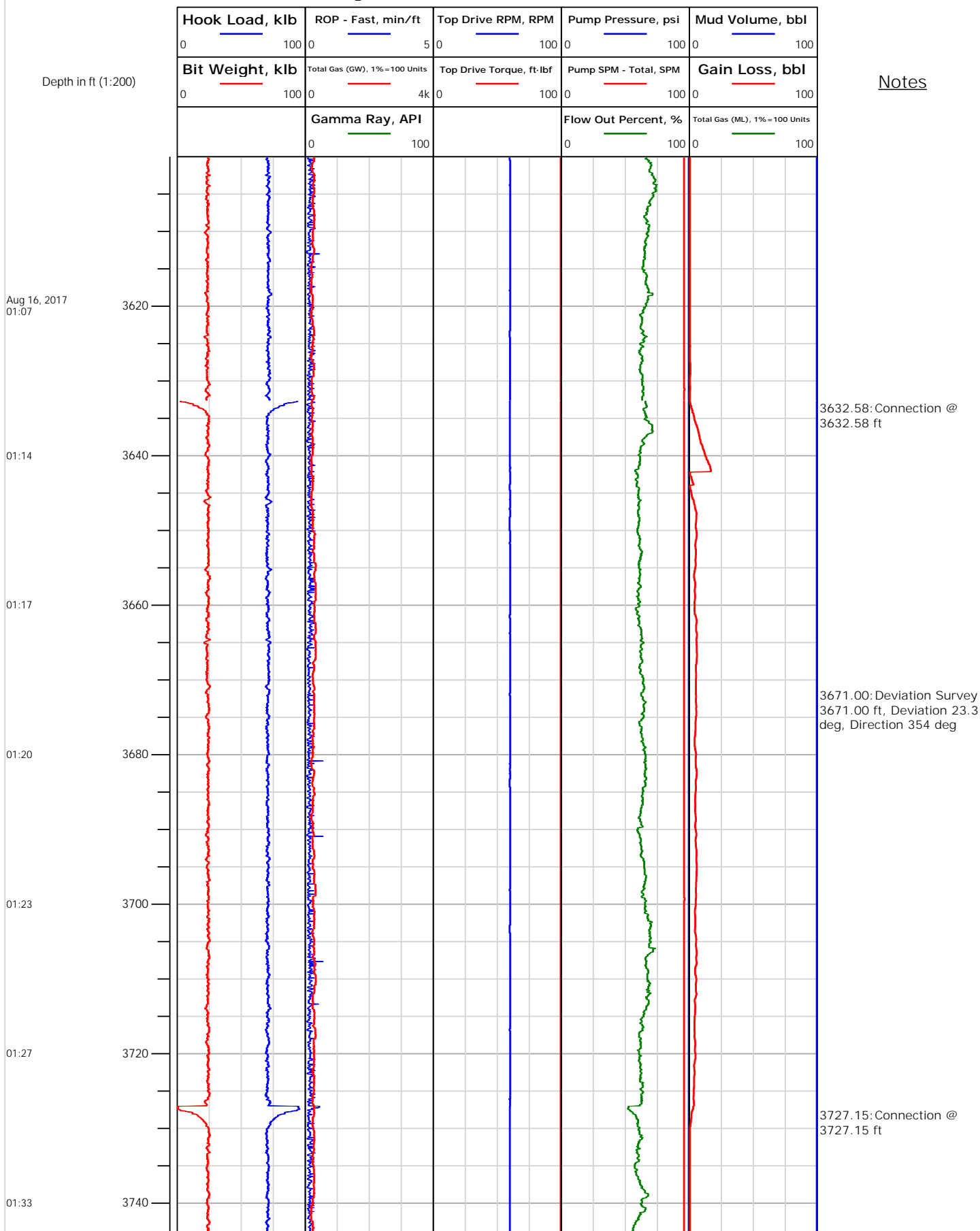
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**Rig:** 290

**Location:** SE/4 of NW/4

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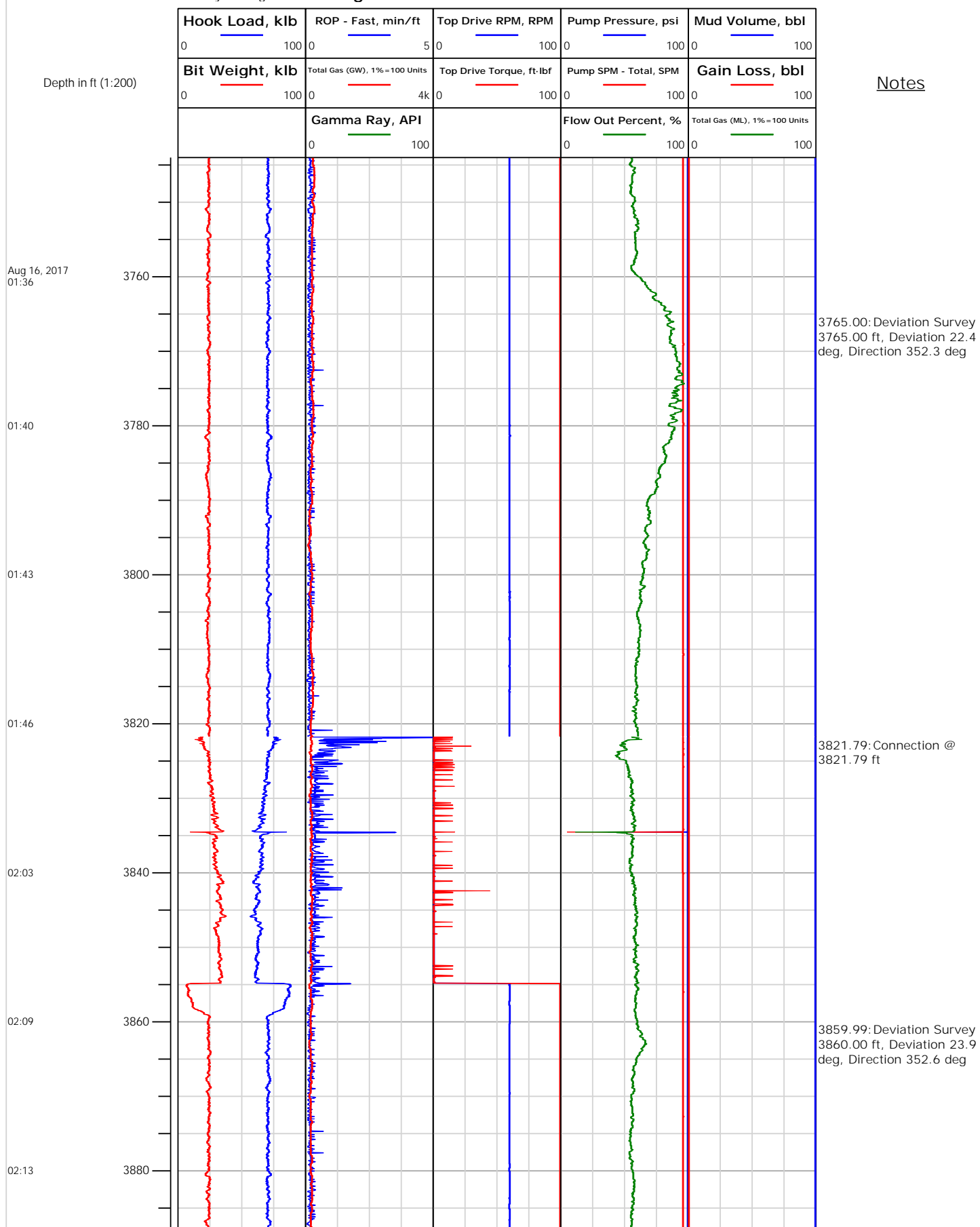
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Location: SE/4 of NW/4

## Notes





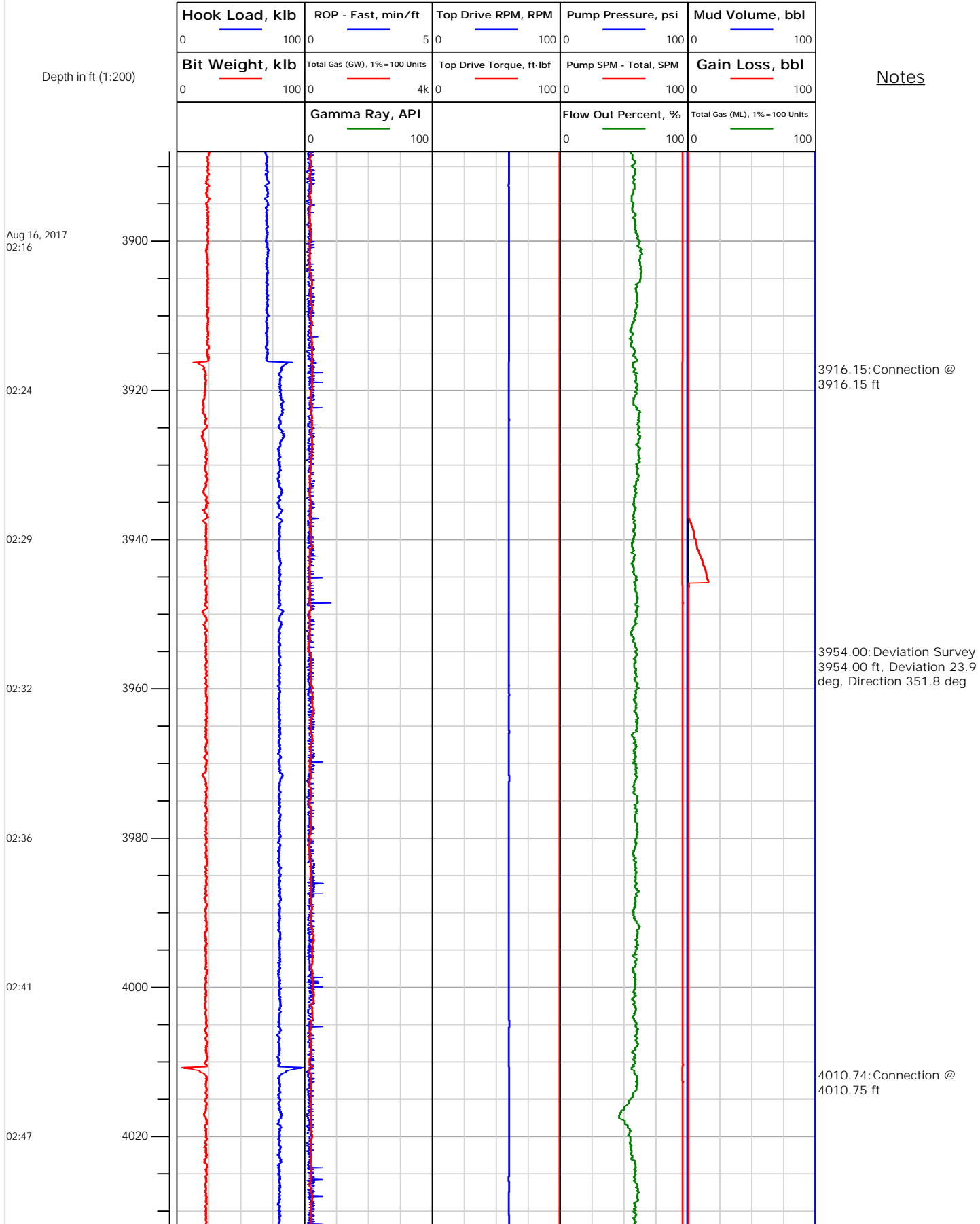
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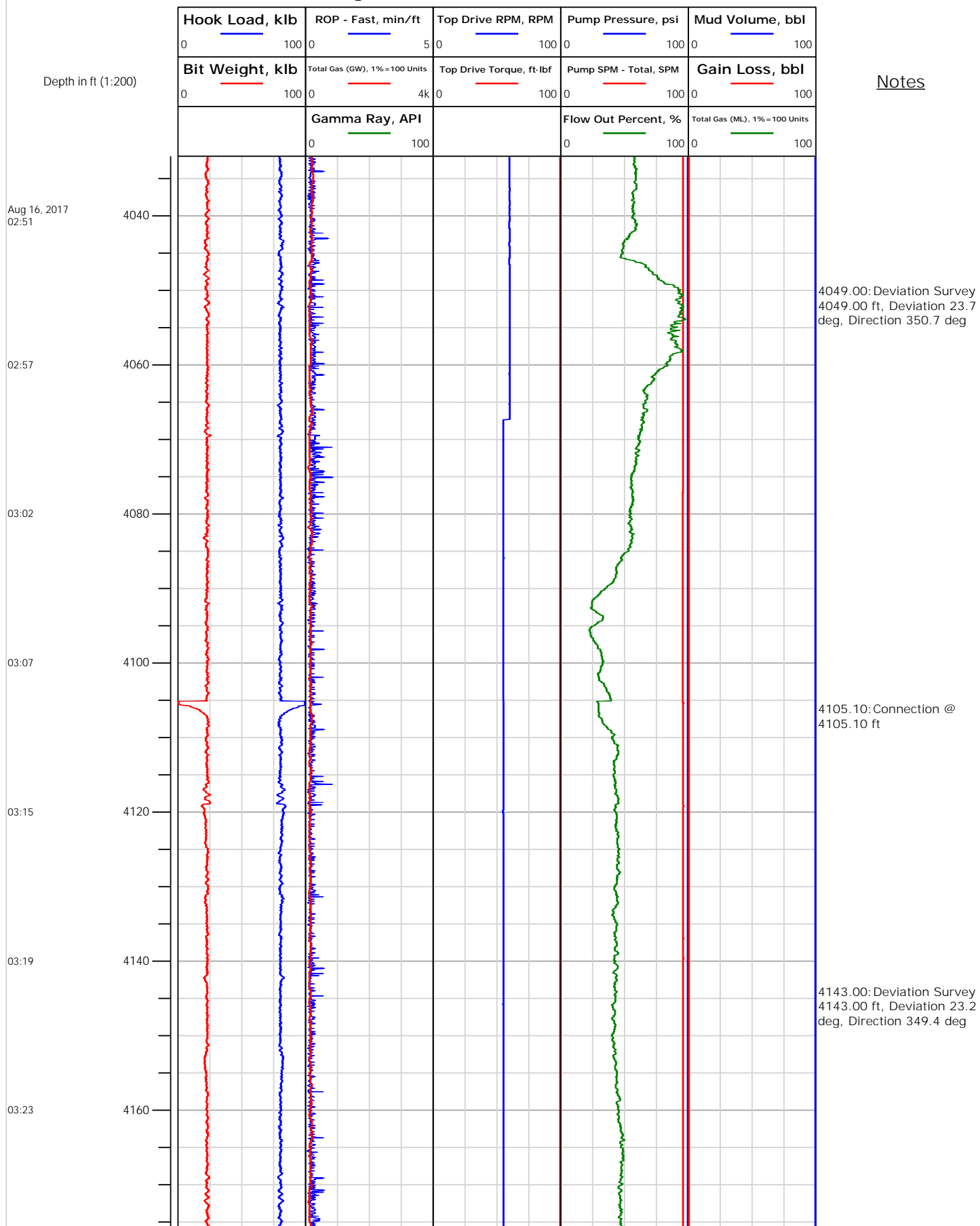
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Well Name: Bruton 0993-19-02W  
Rig: 290

Location: SE/4 of NW/4

## Notes





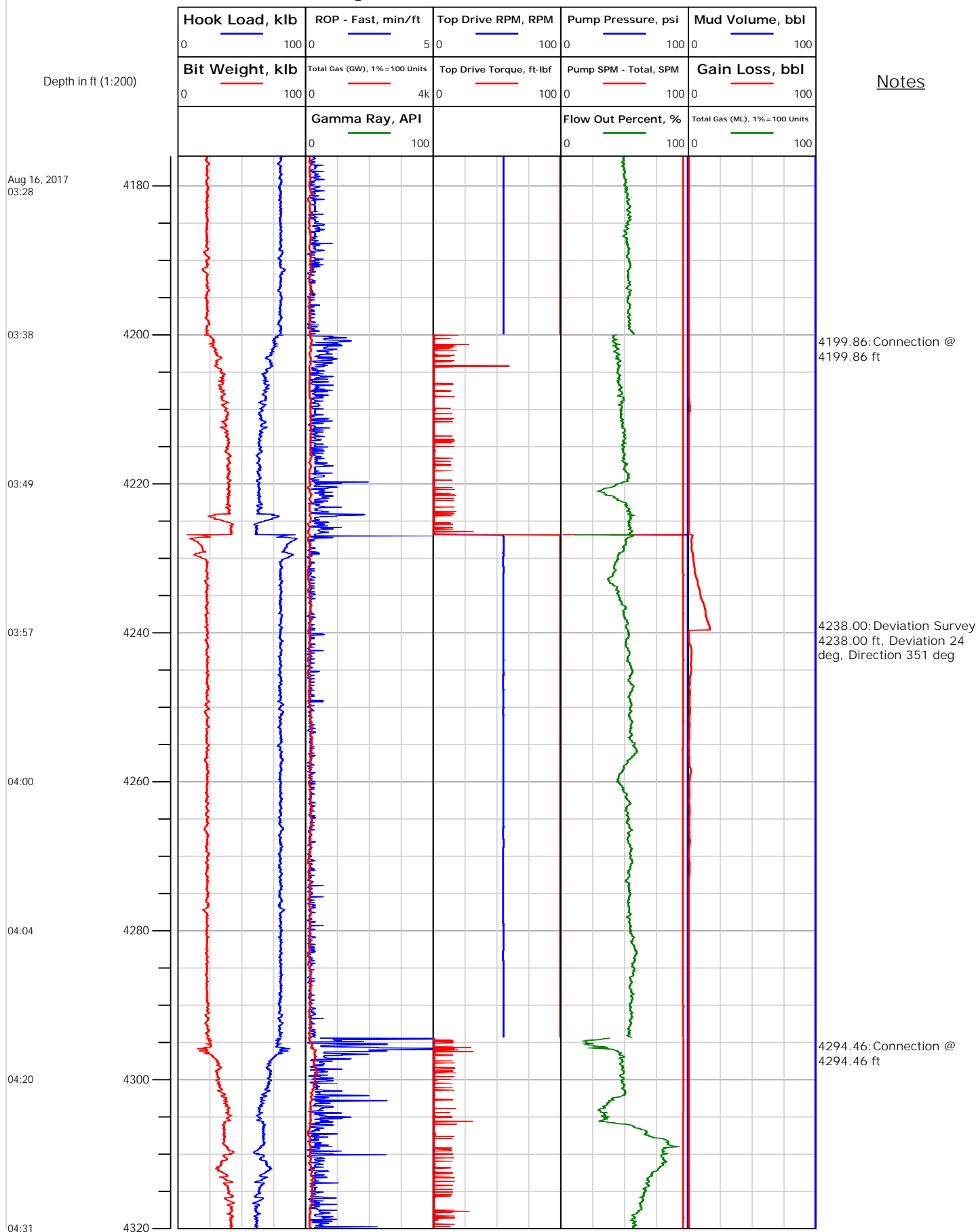
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**Location:** SE/4 of NW/4

Notes





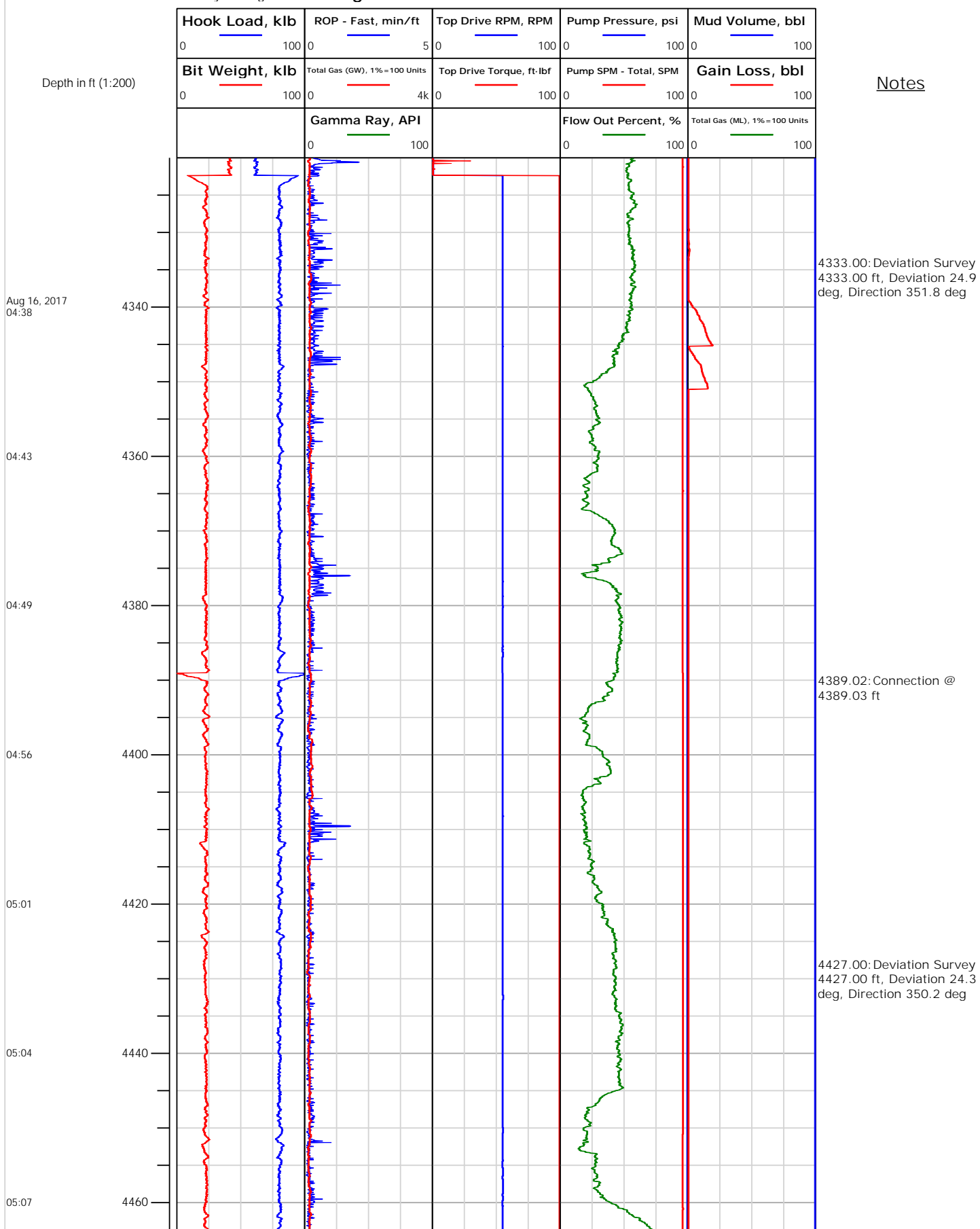
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**Location:** SE/4 of NW/4

## Notes





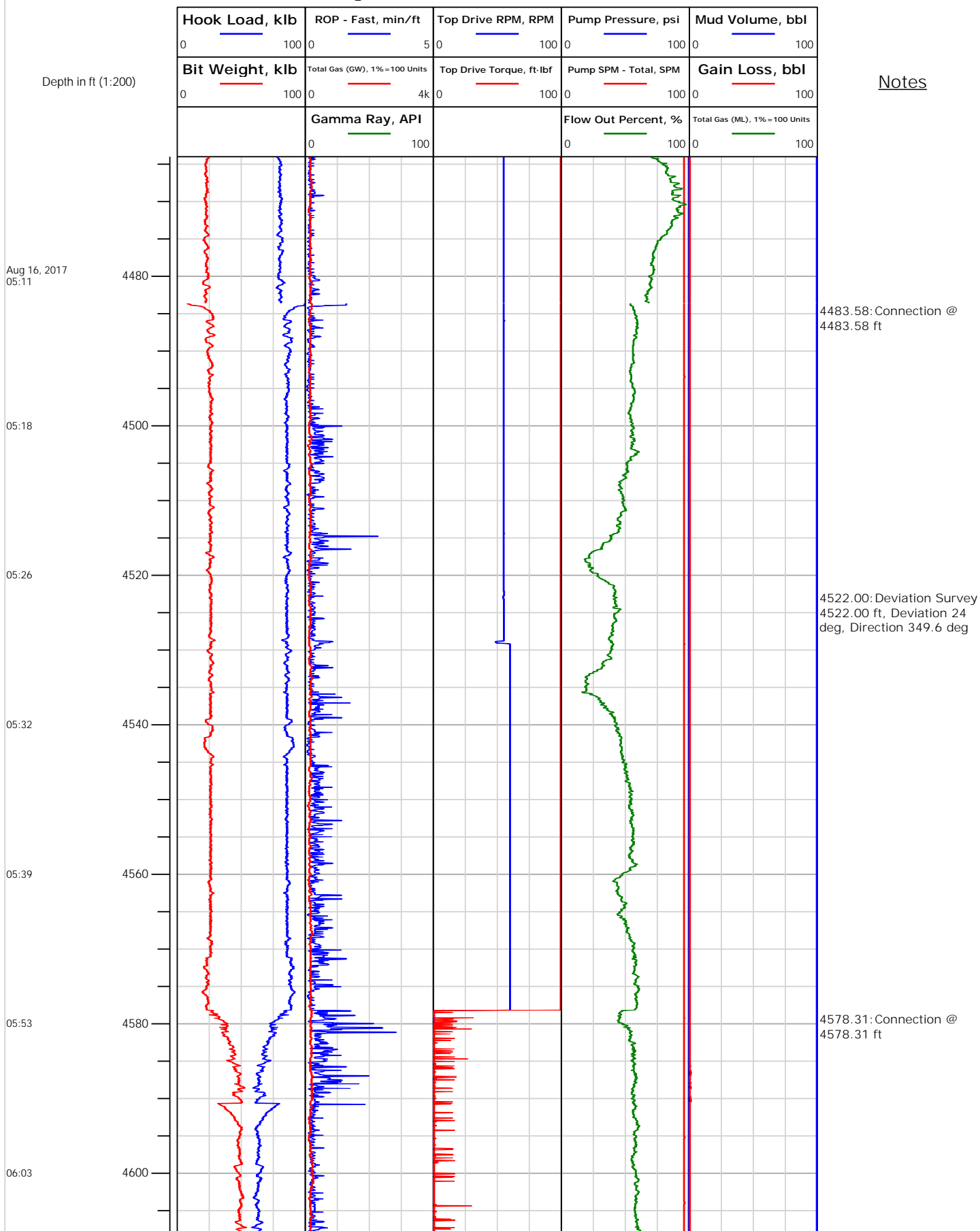
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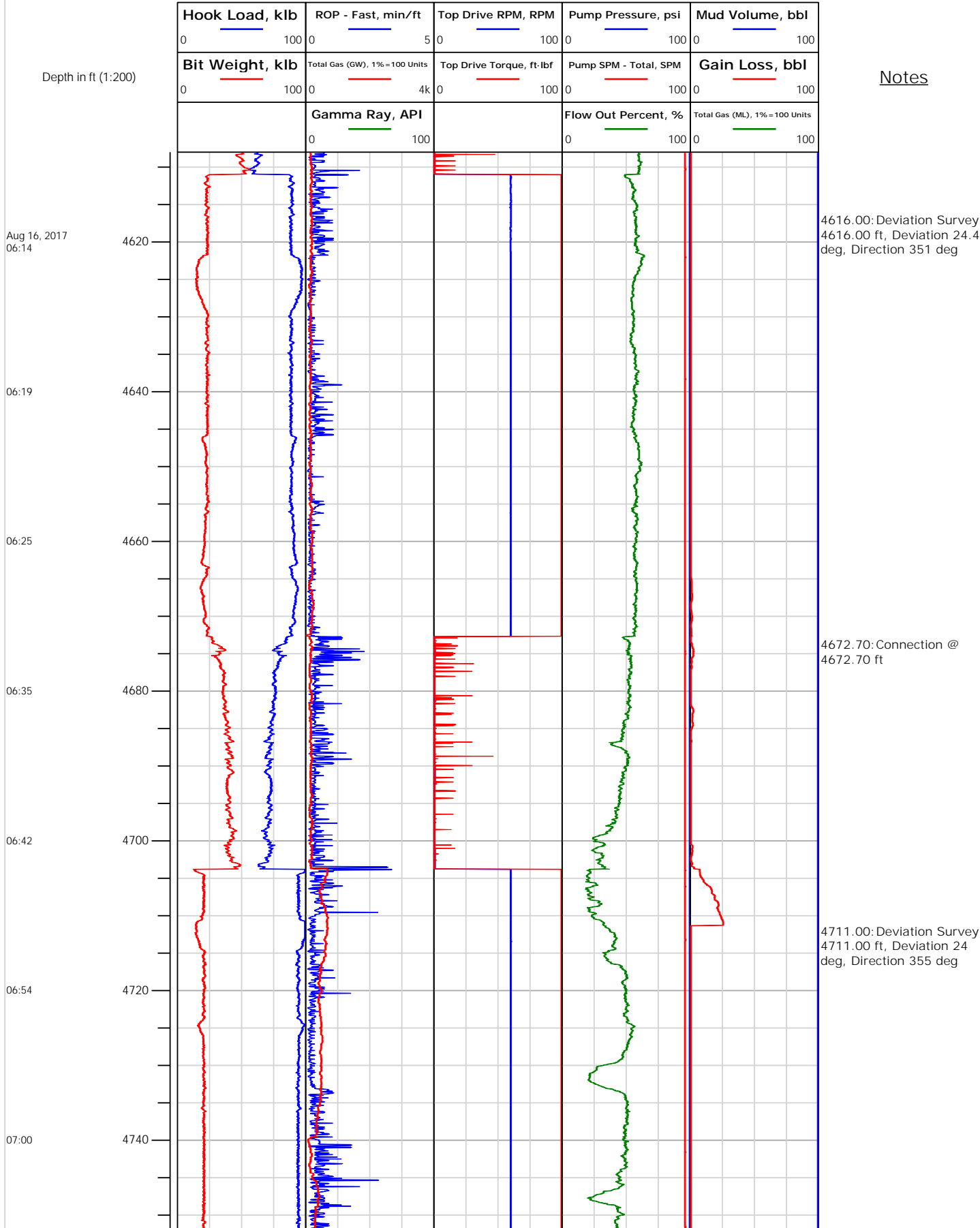
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## Notes





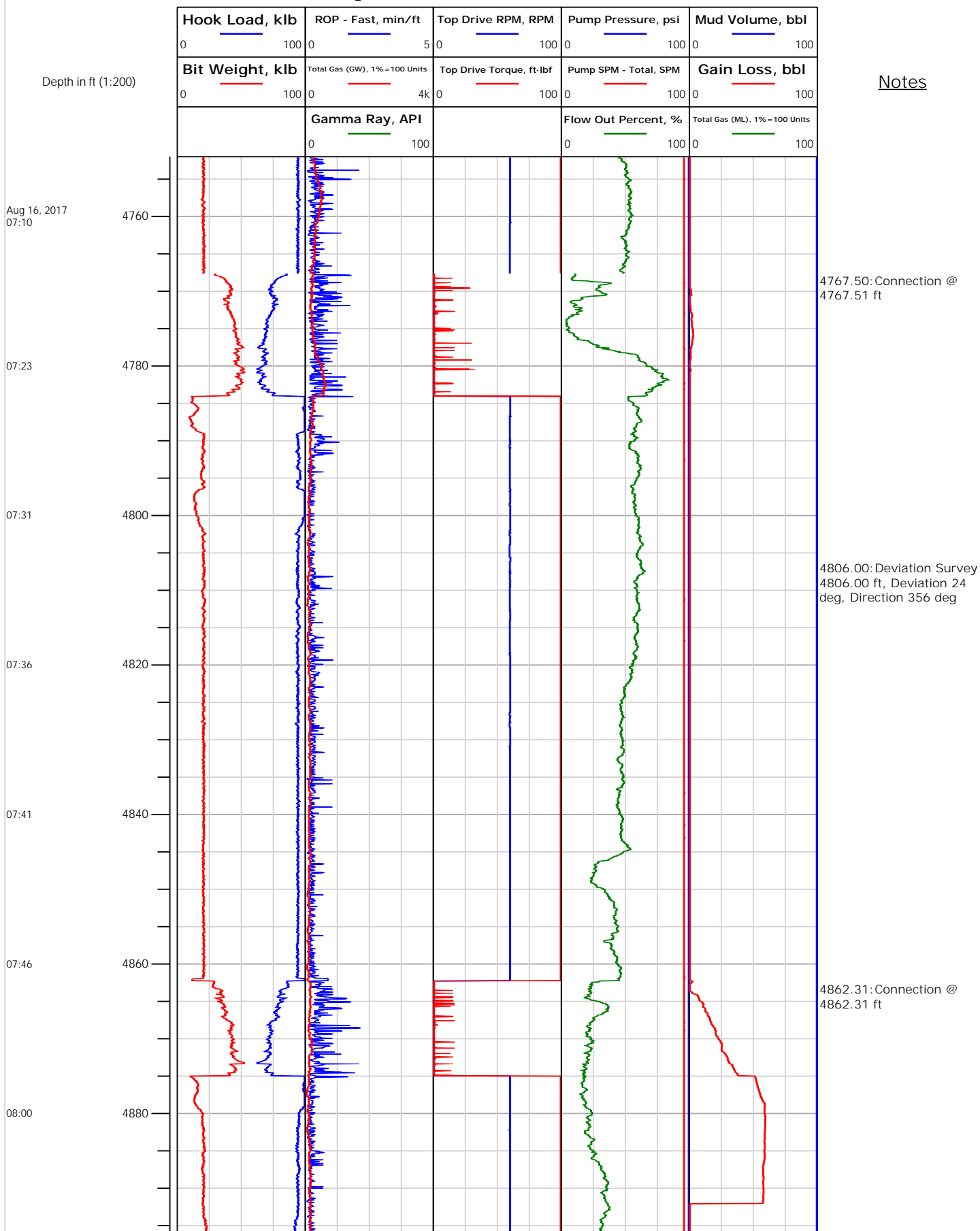
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**Location:** SE/4 of NW/4

## Notes







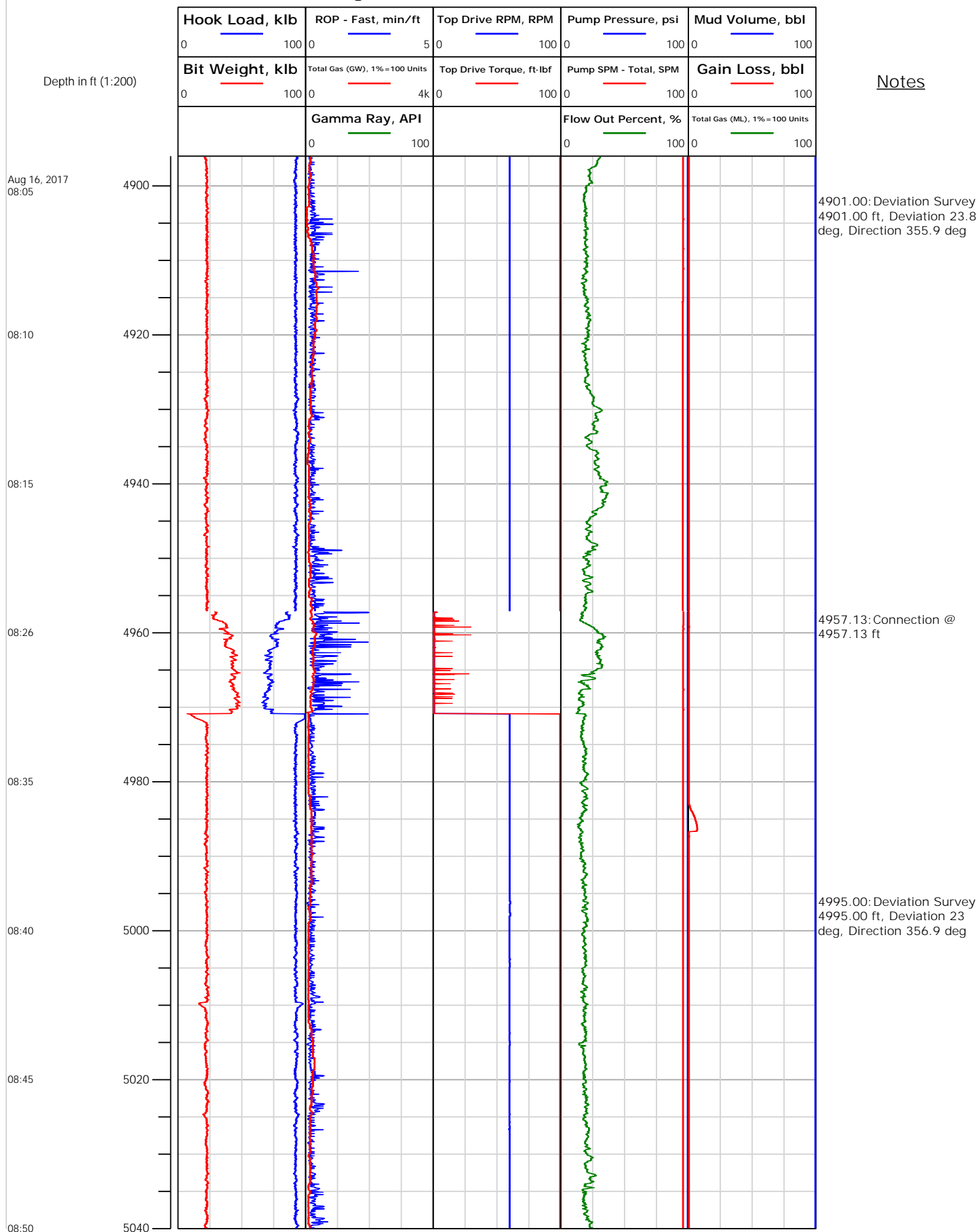
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## Notes





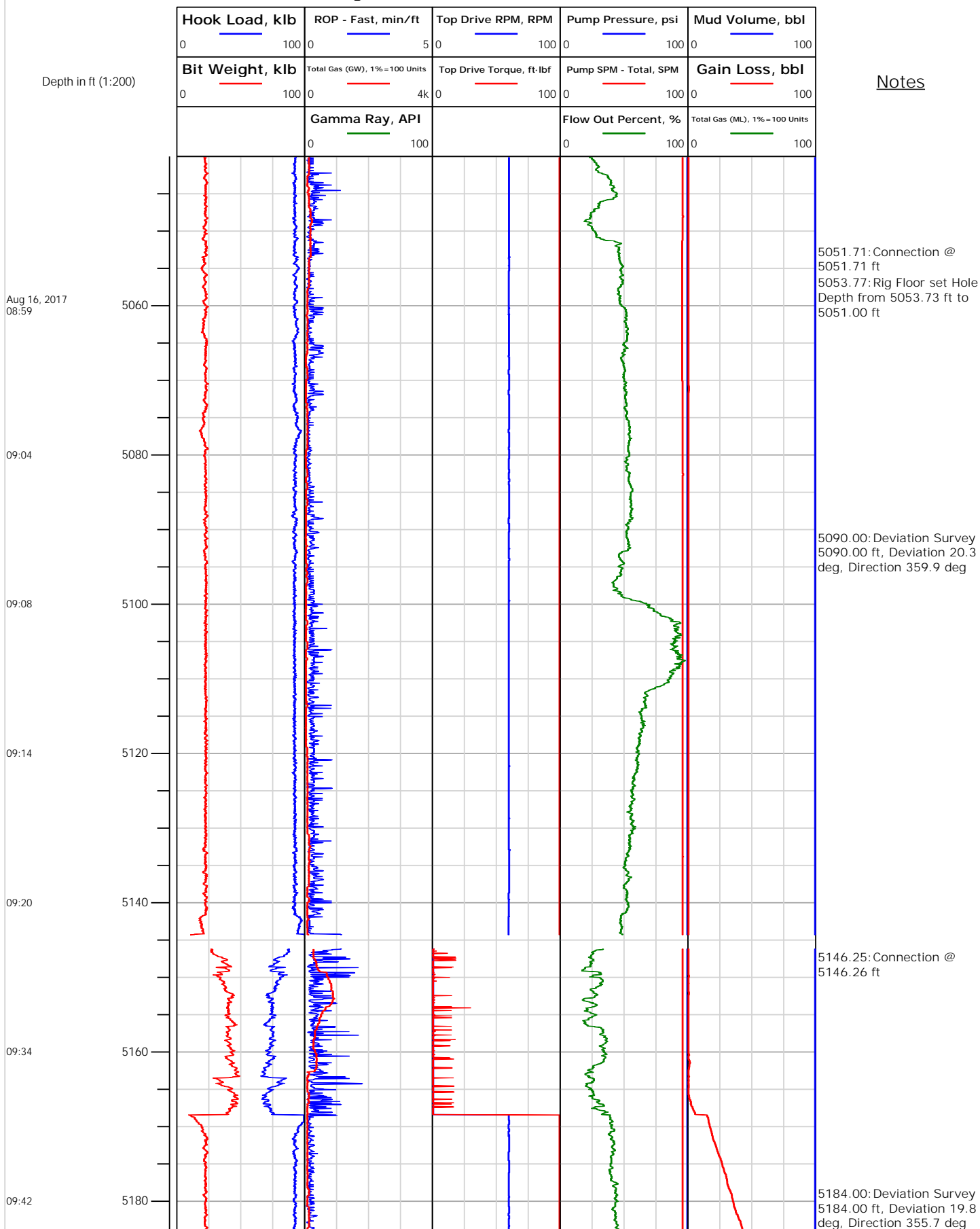
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## Notes





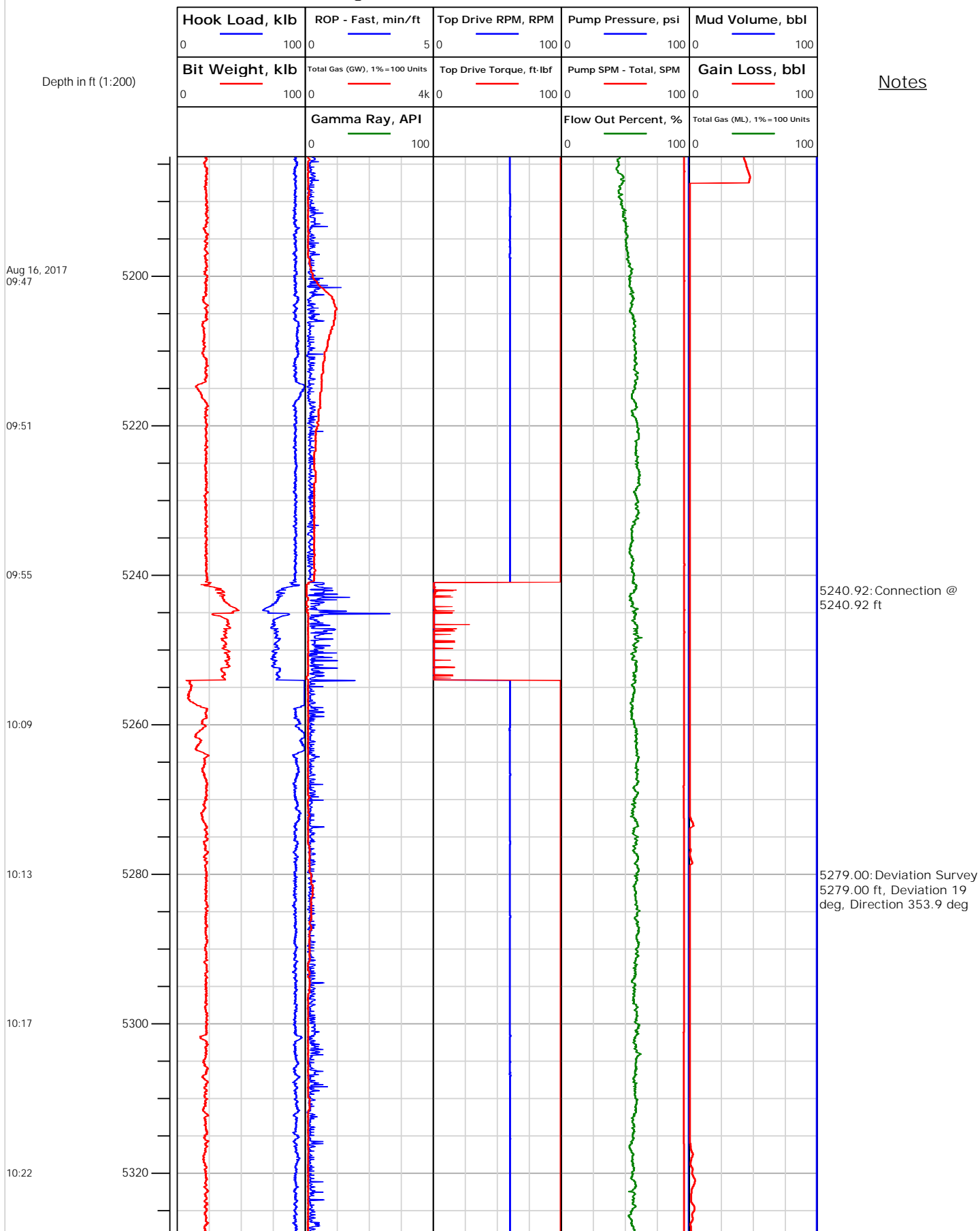
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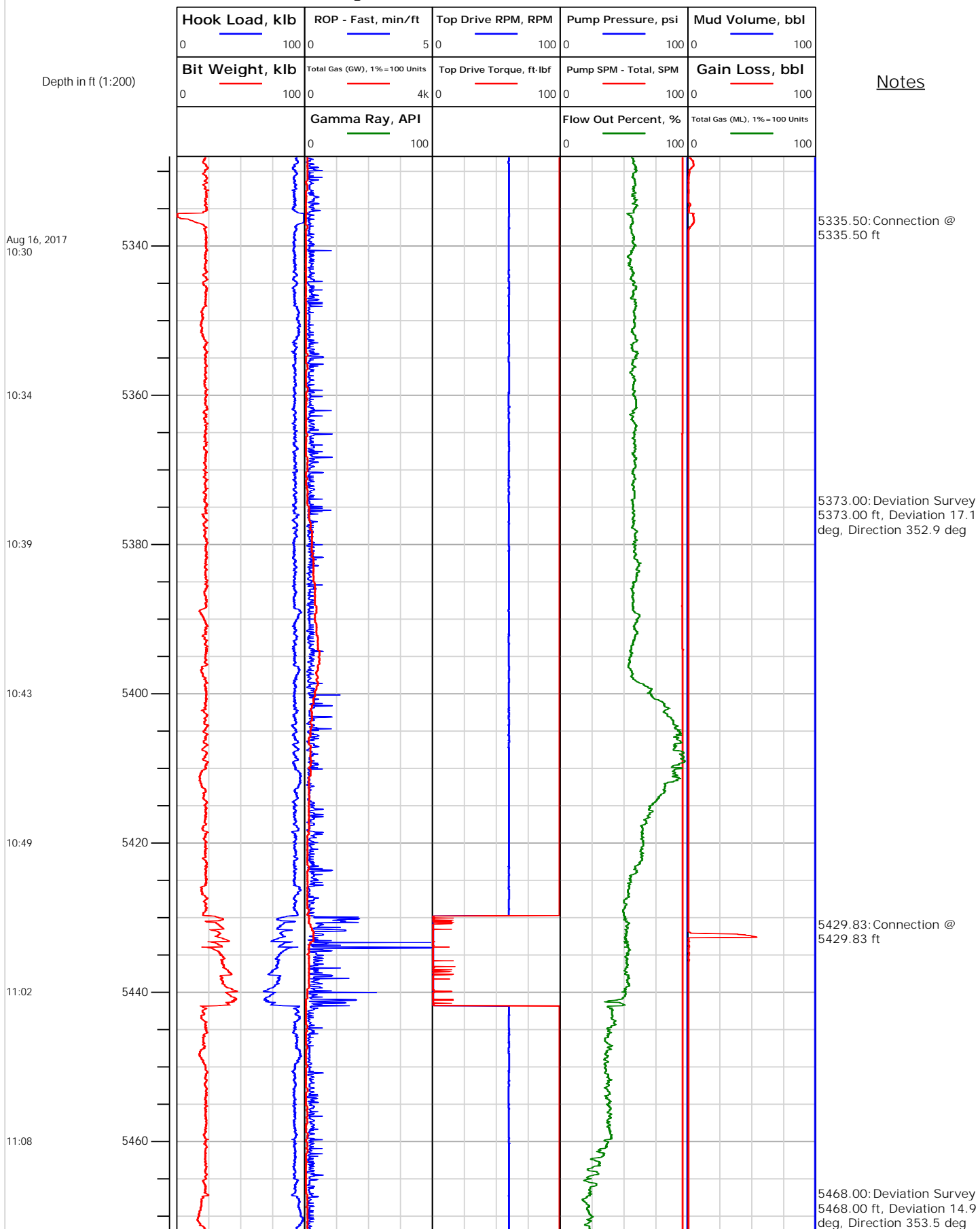
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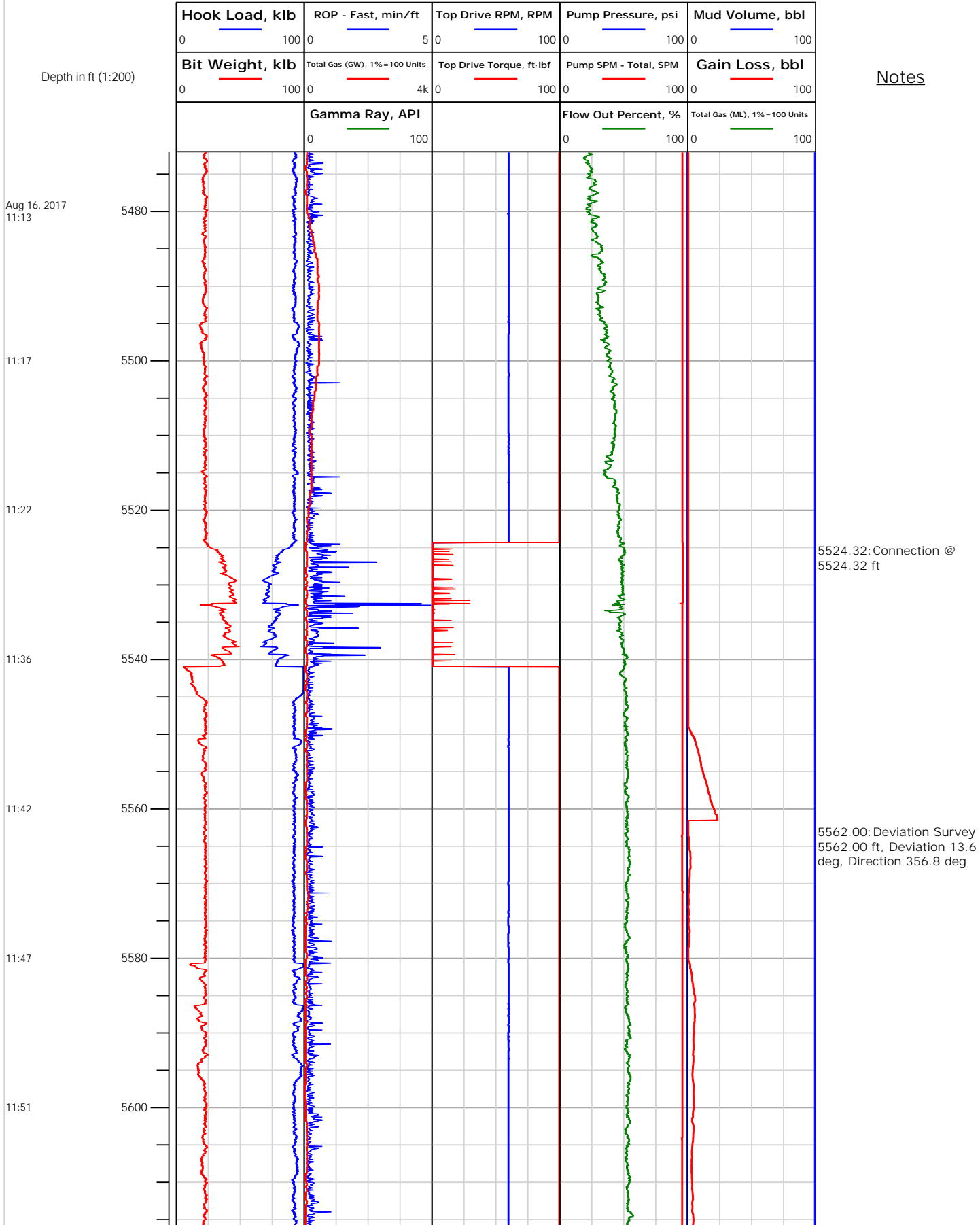
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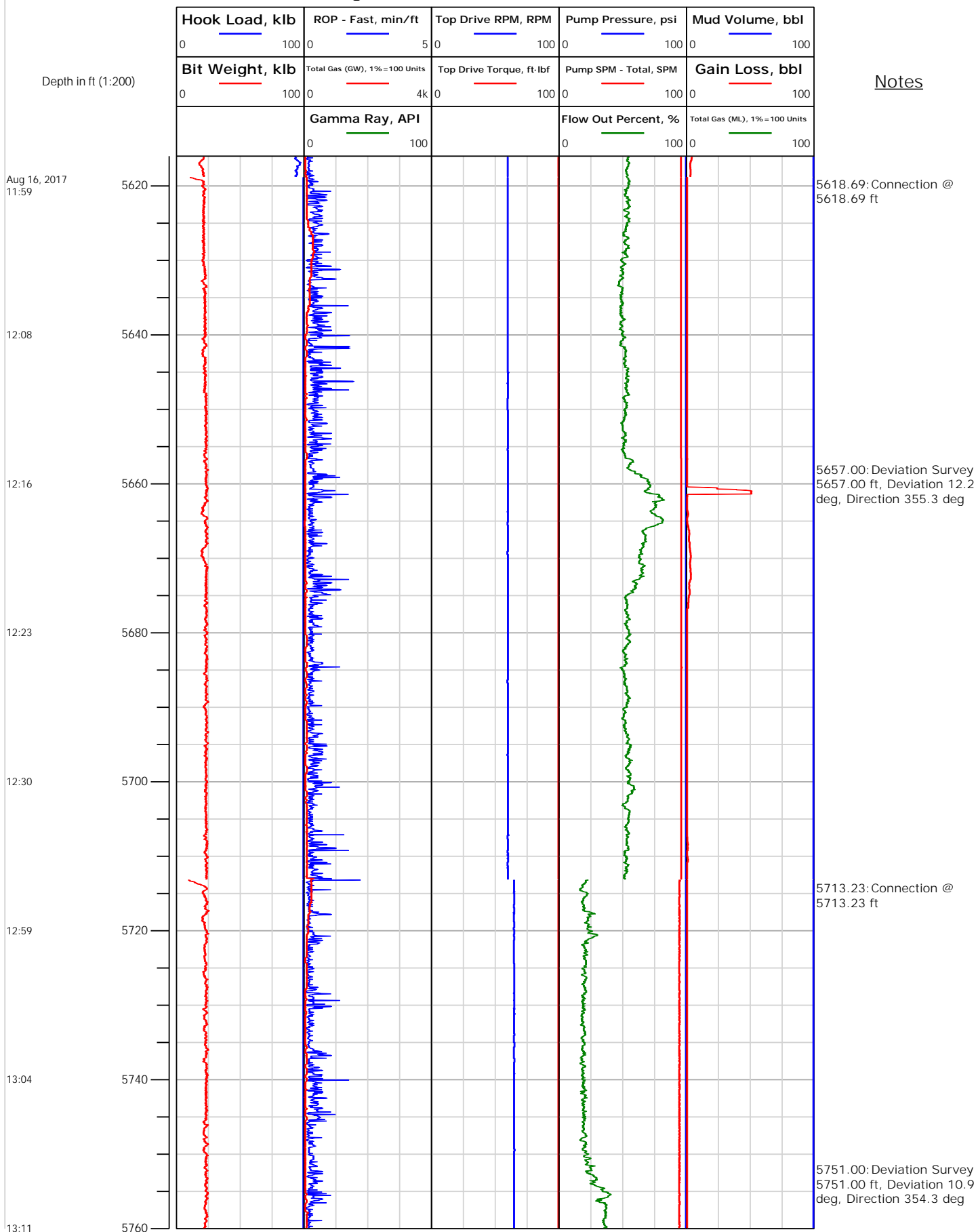
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## Notes





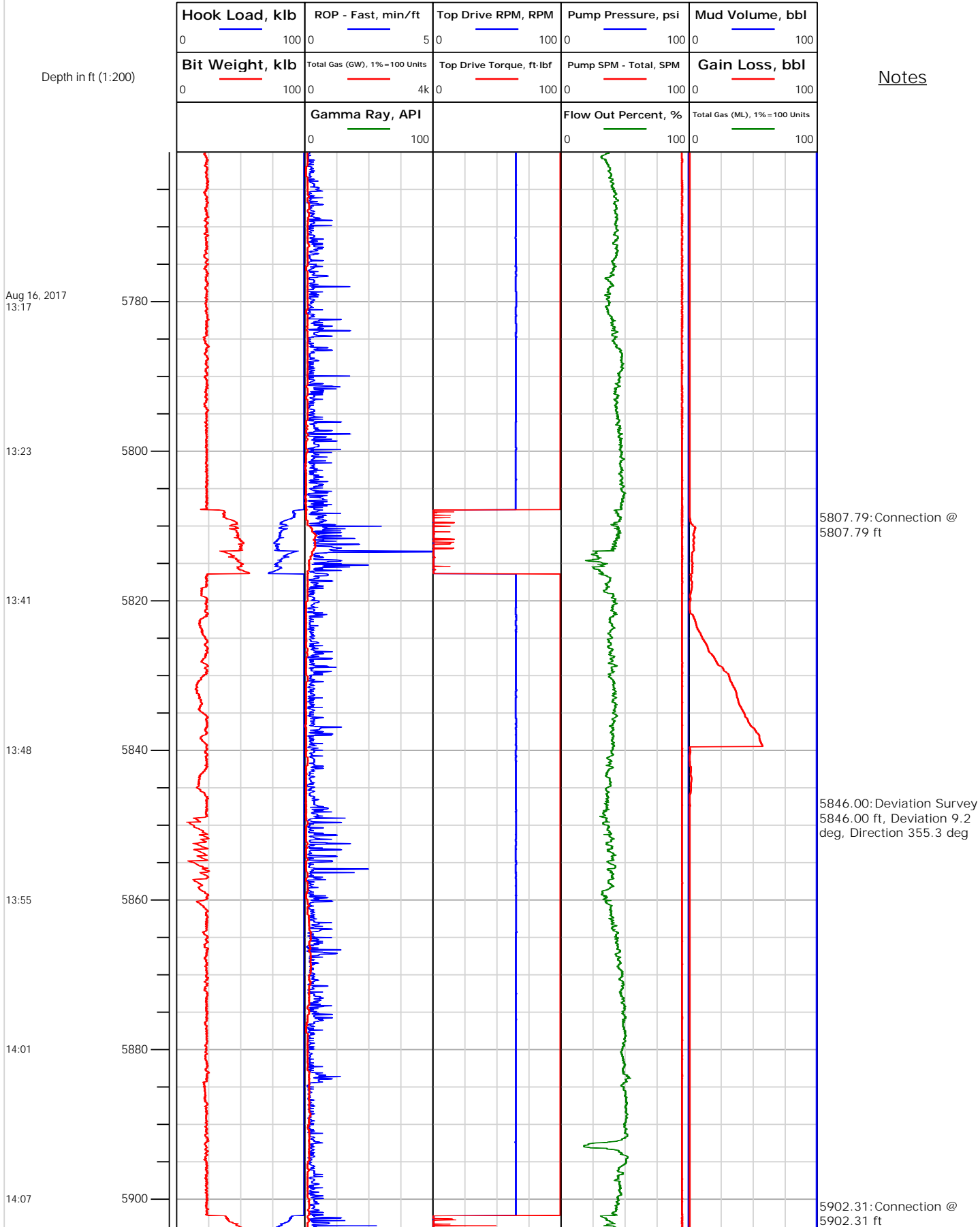
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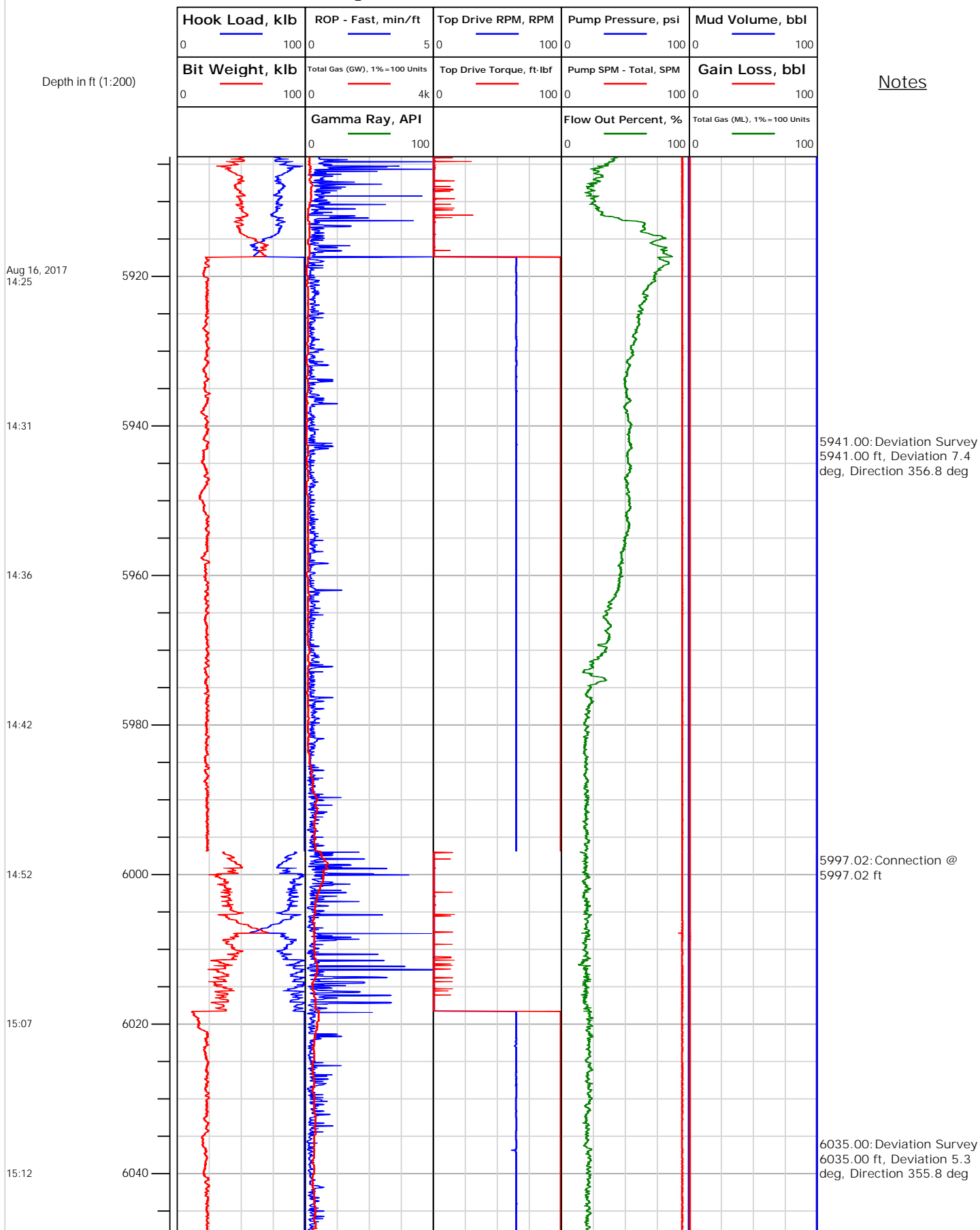
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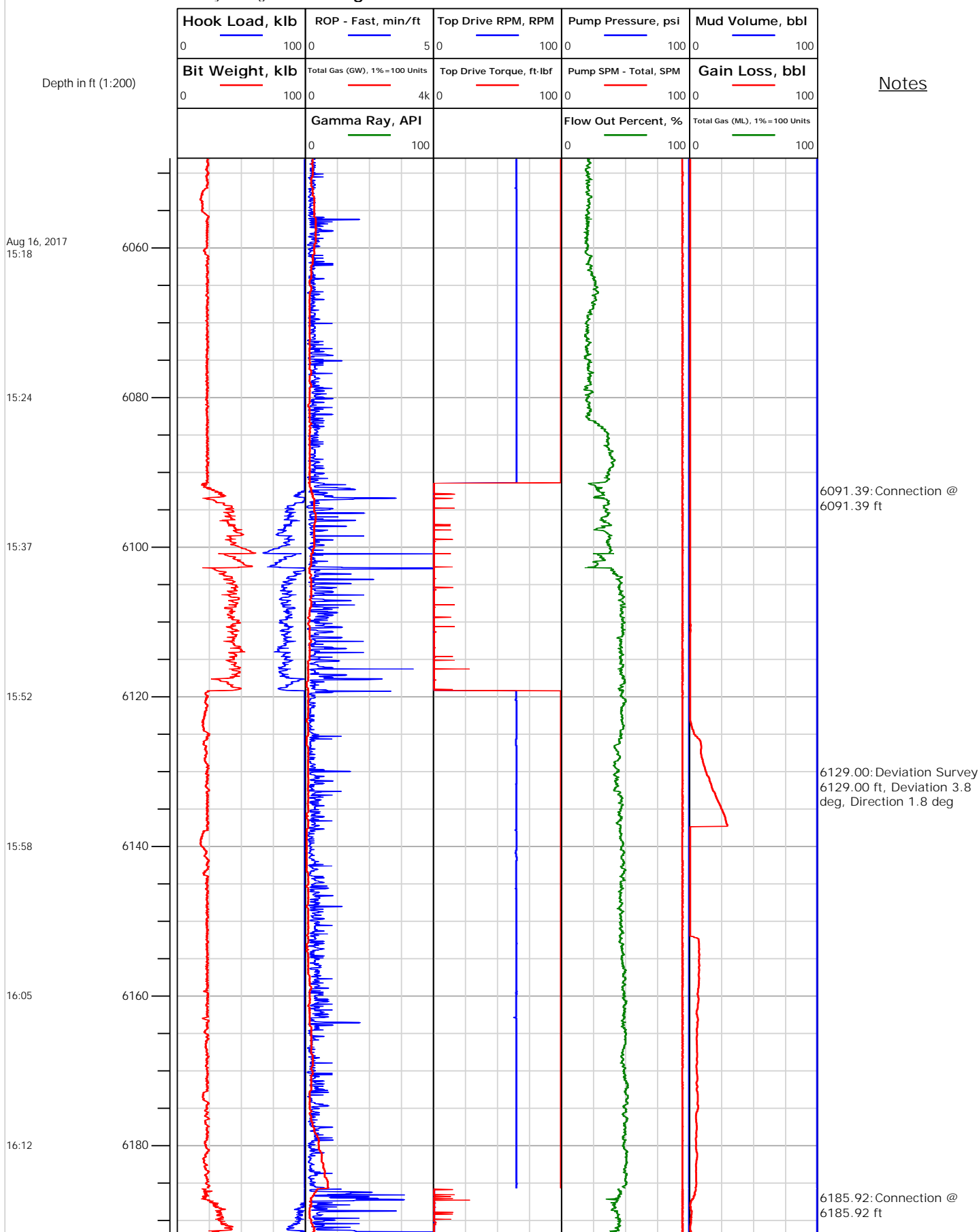
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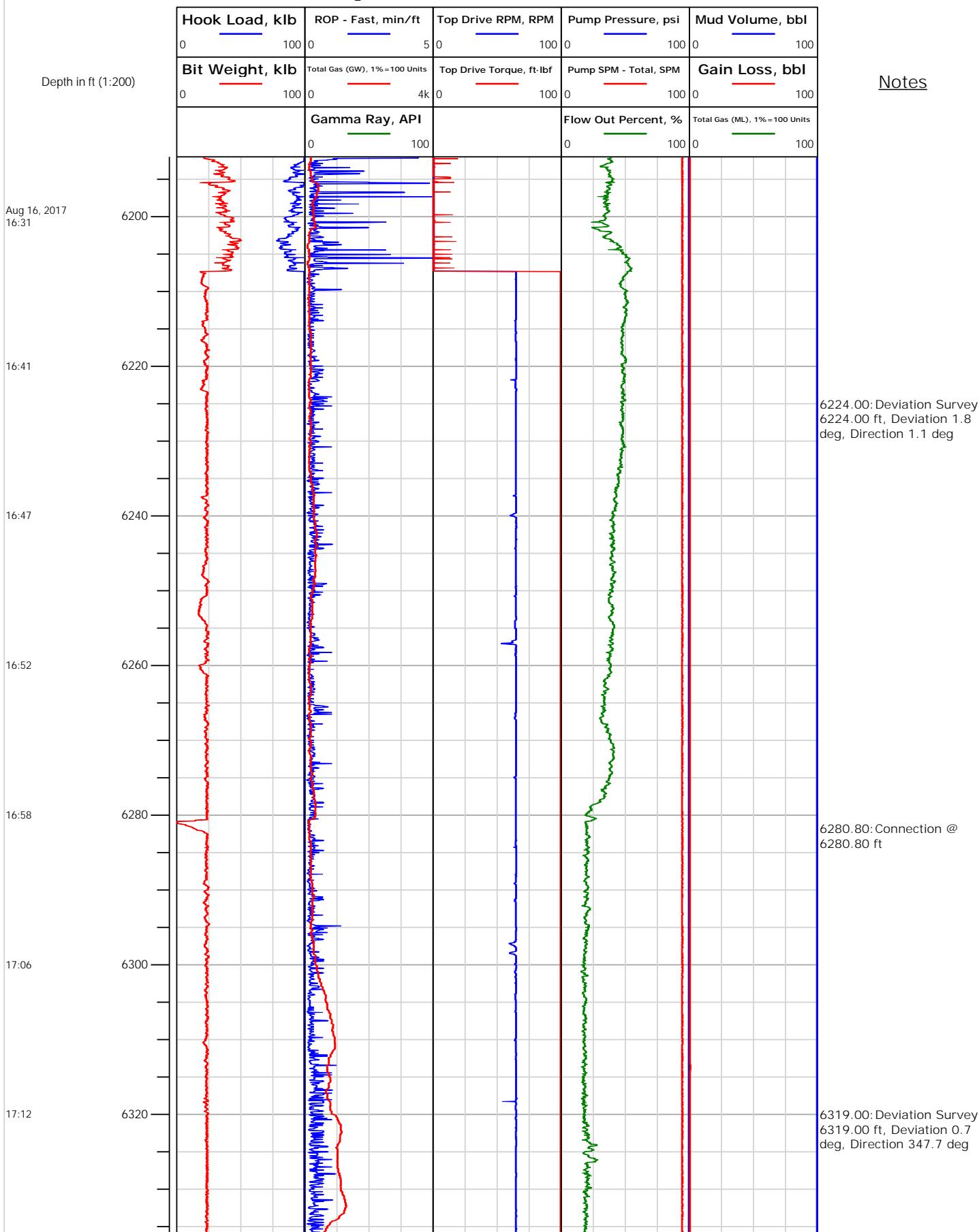
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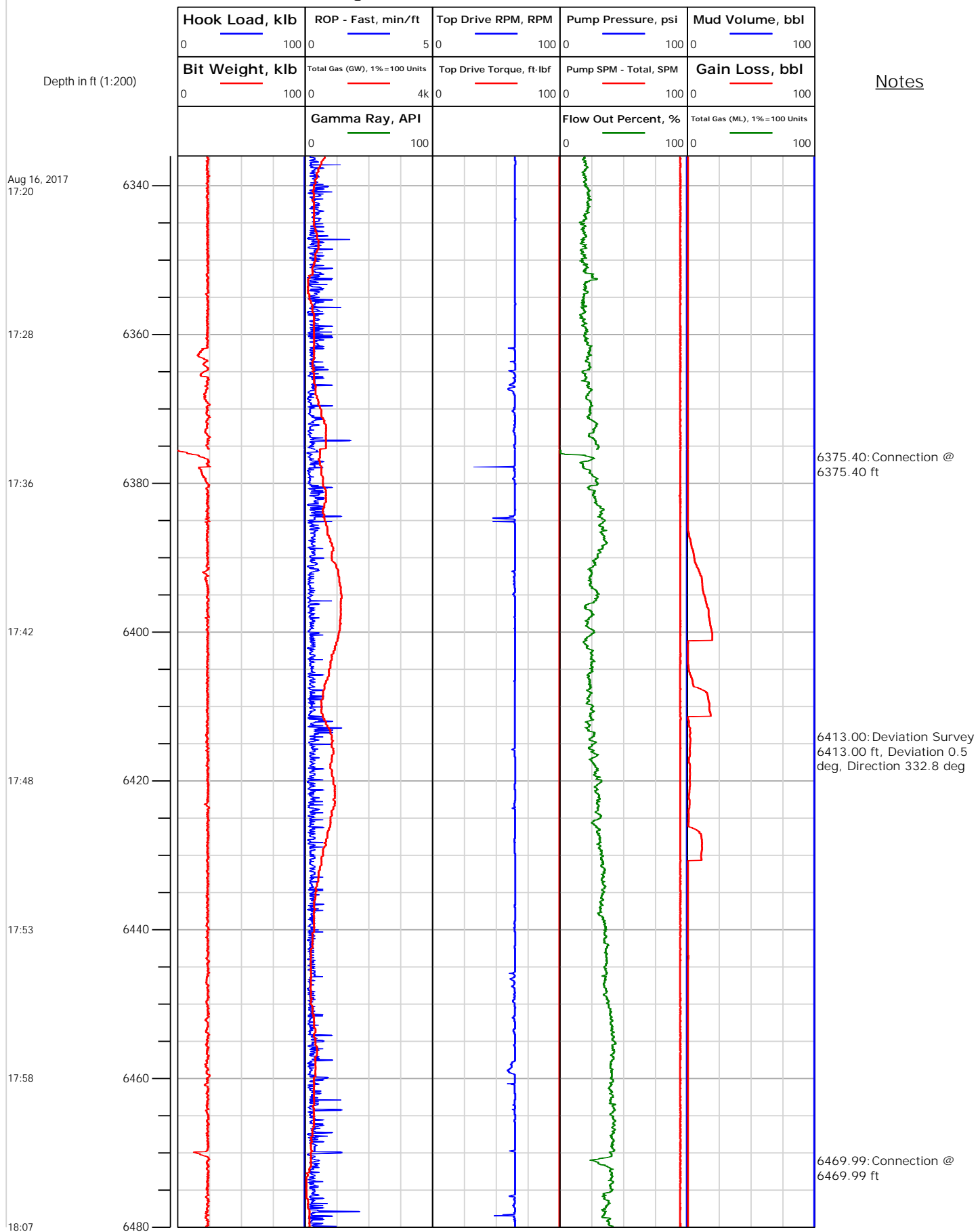
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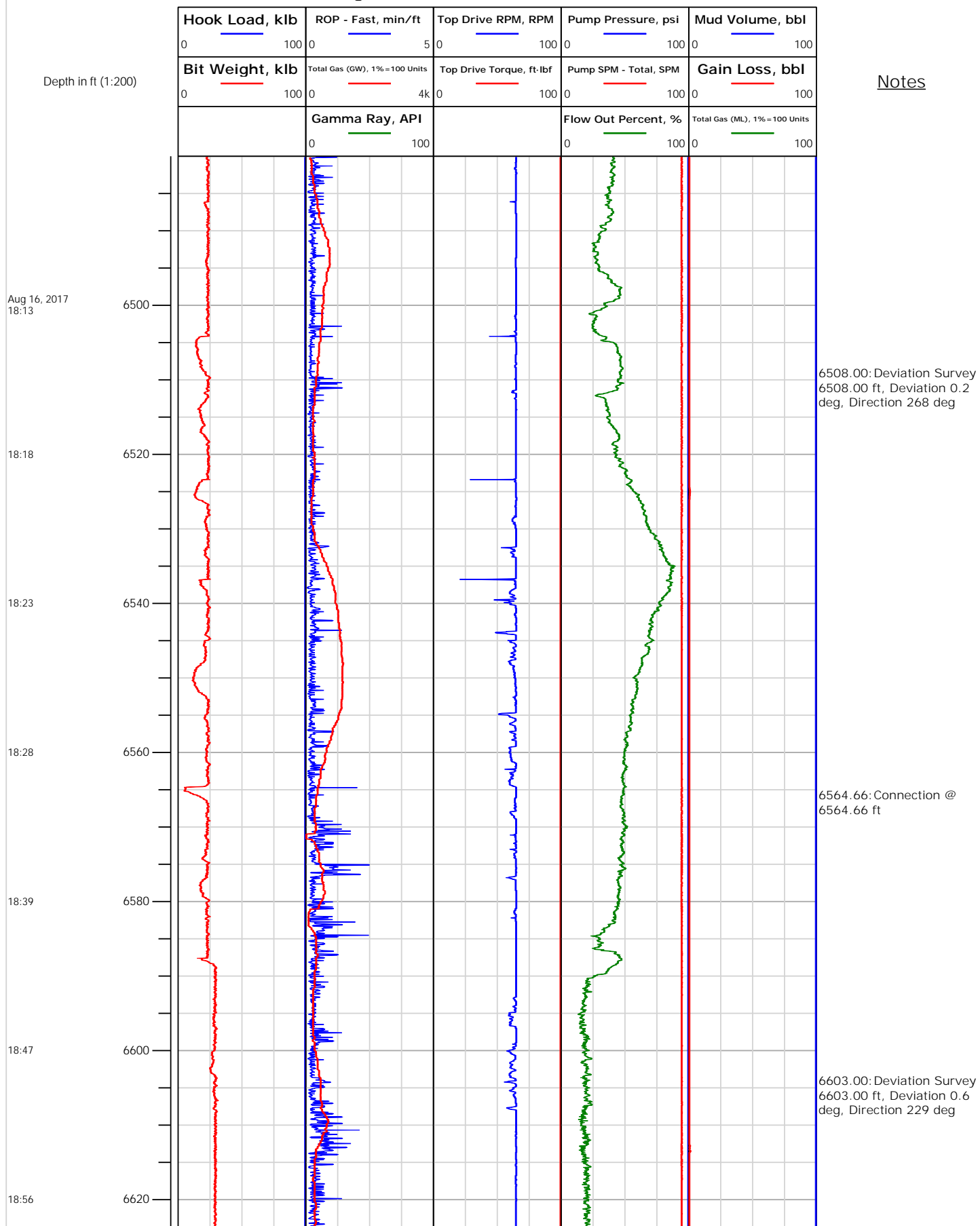
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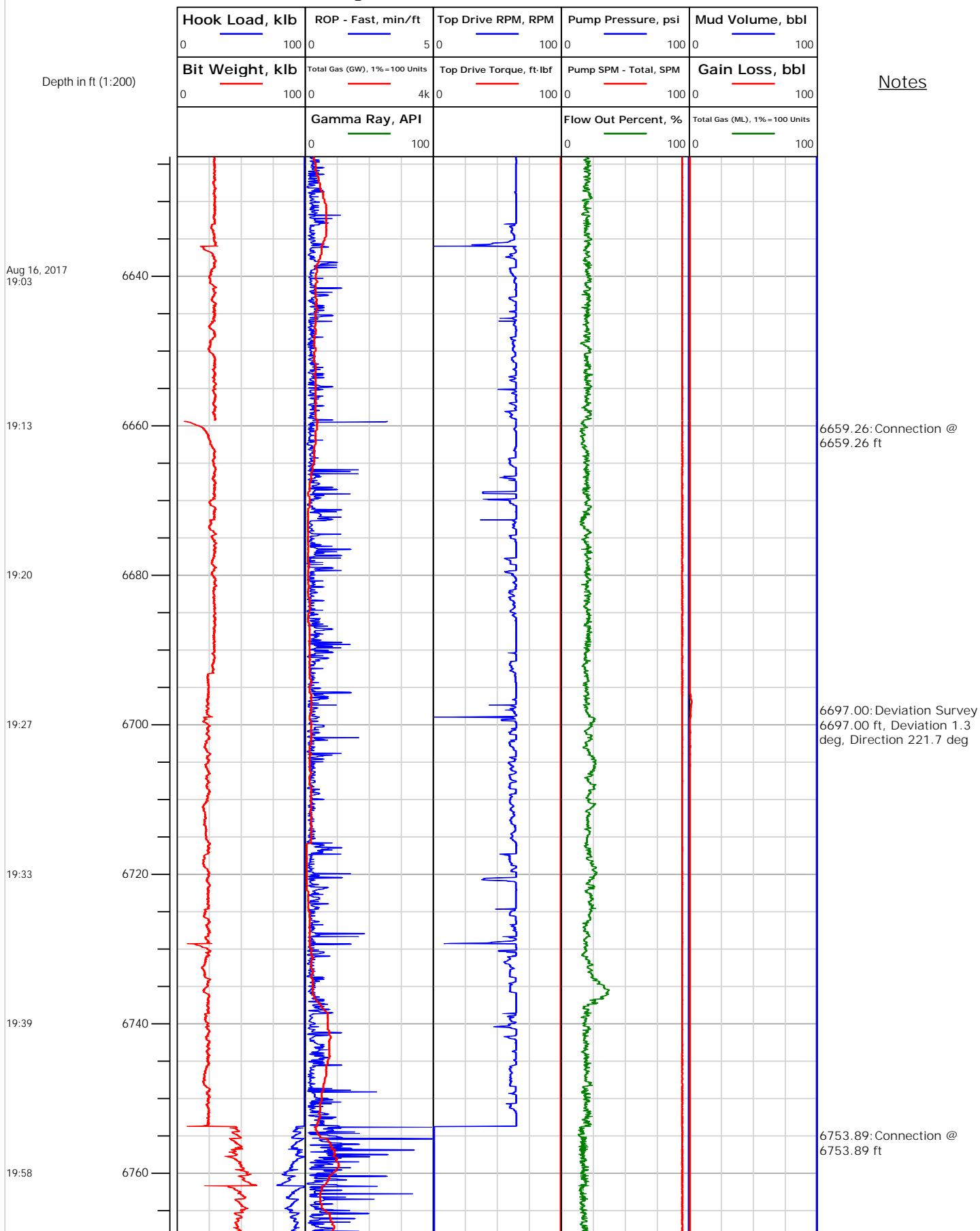
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## Notes





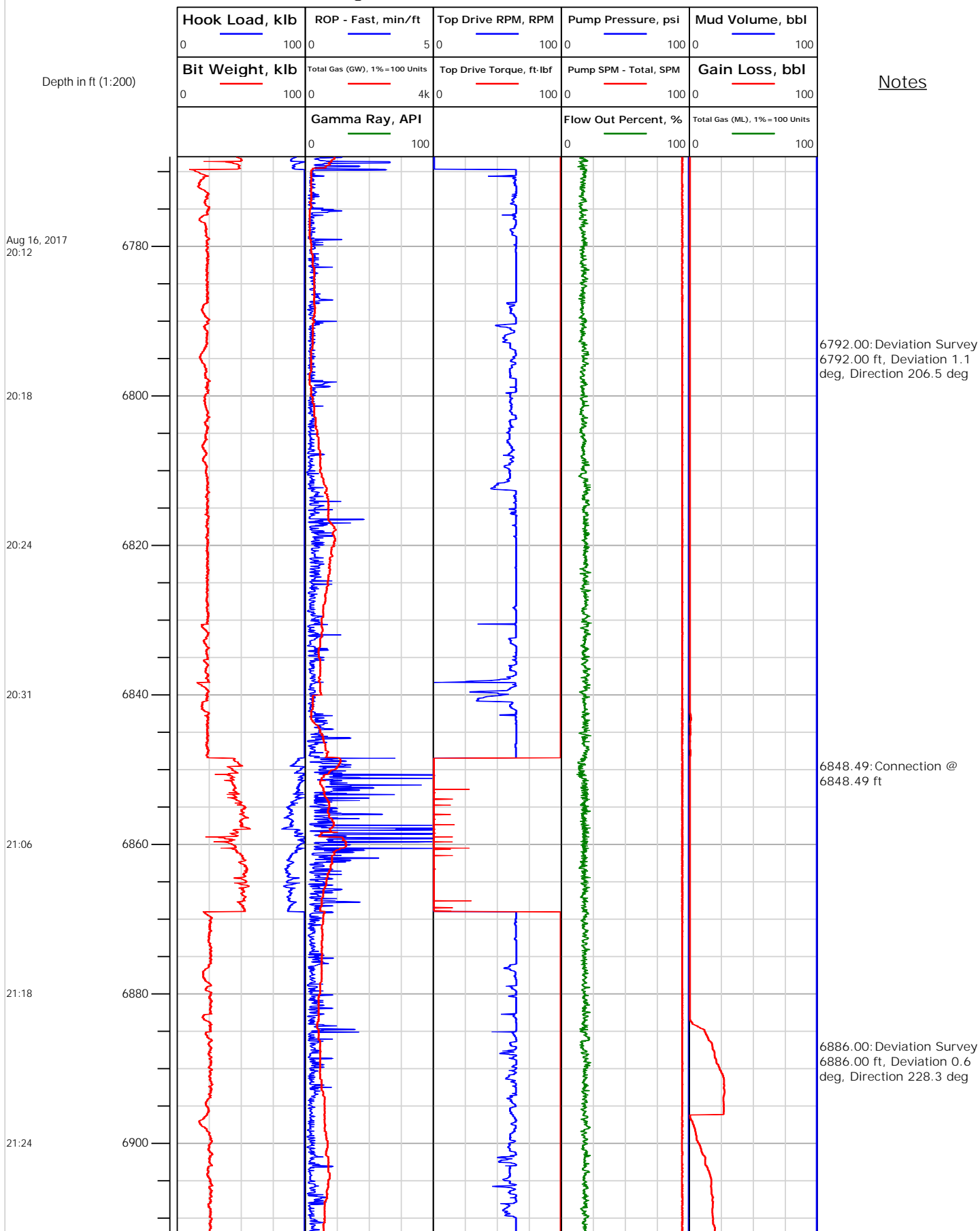
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## Notes





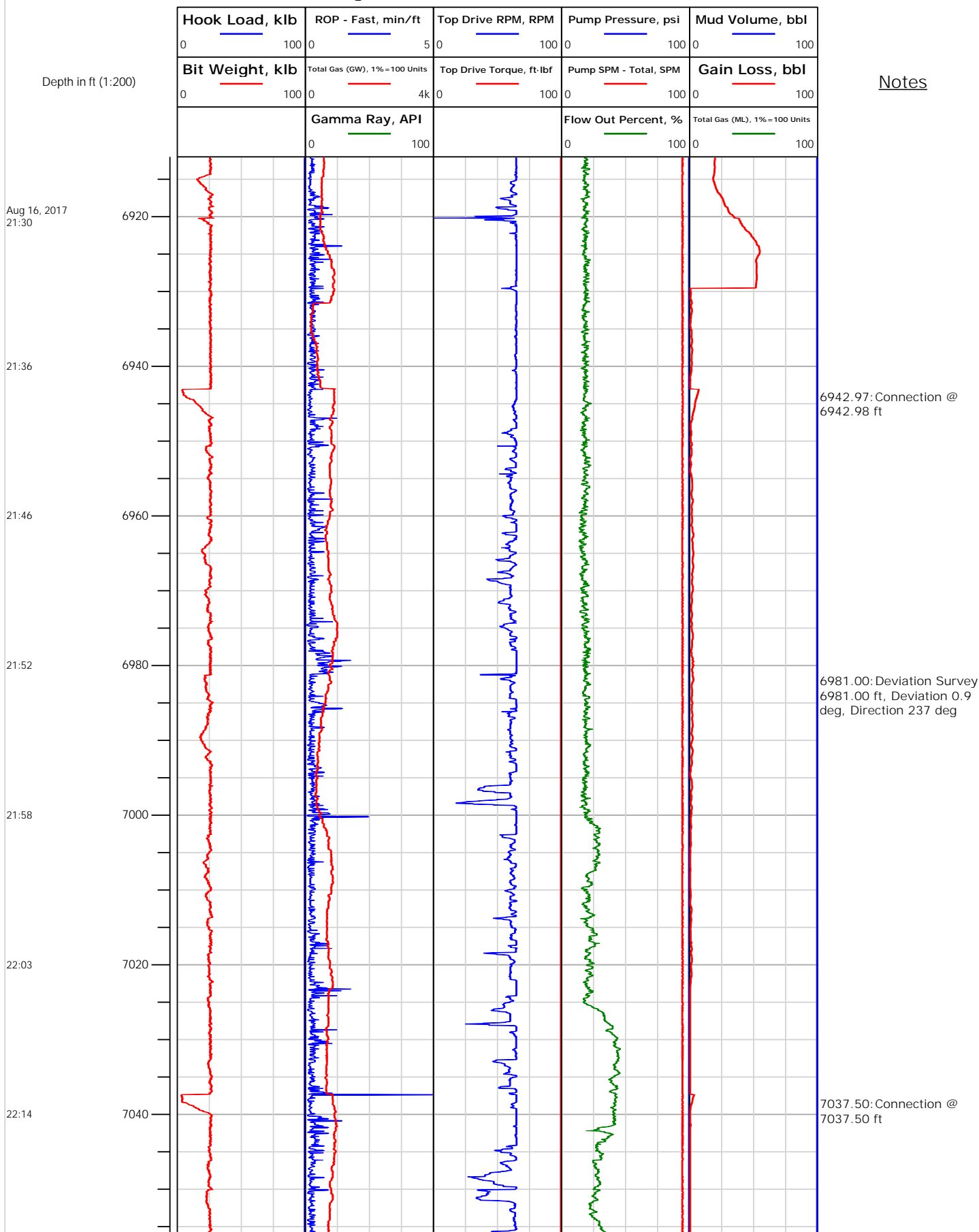
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## Notes





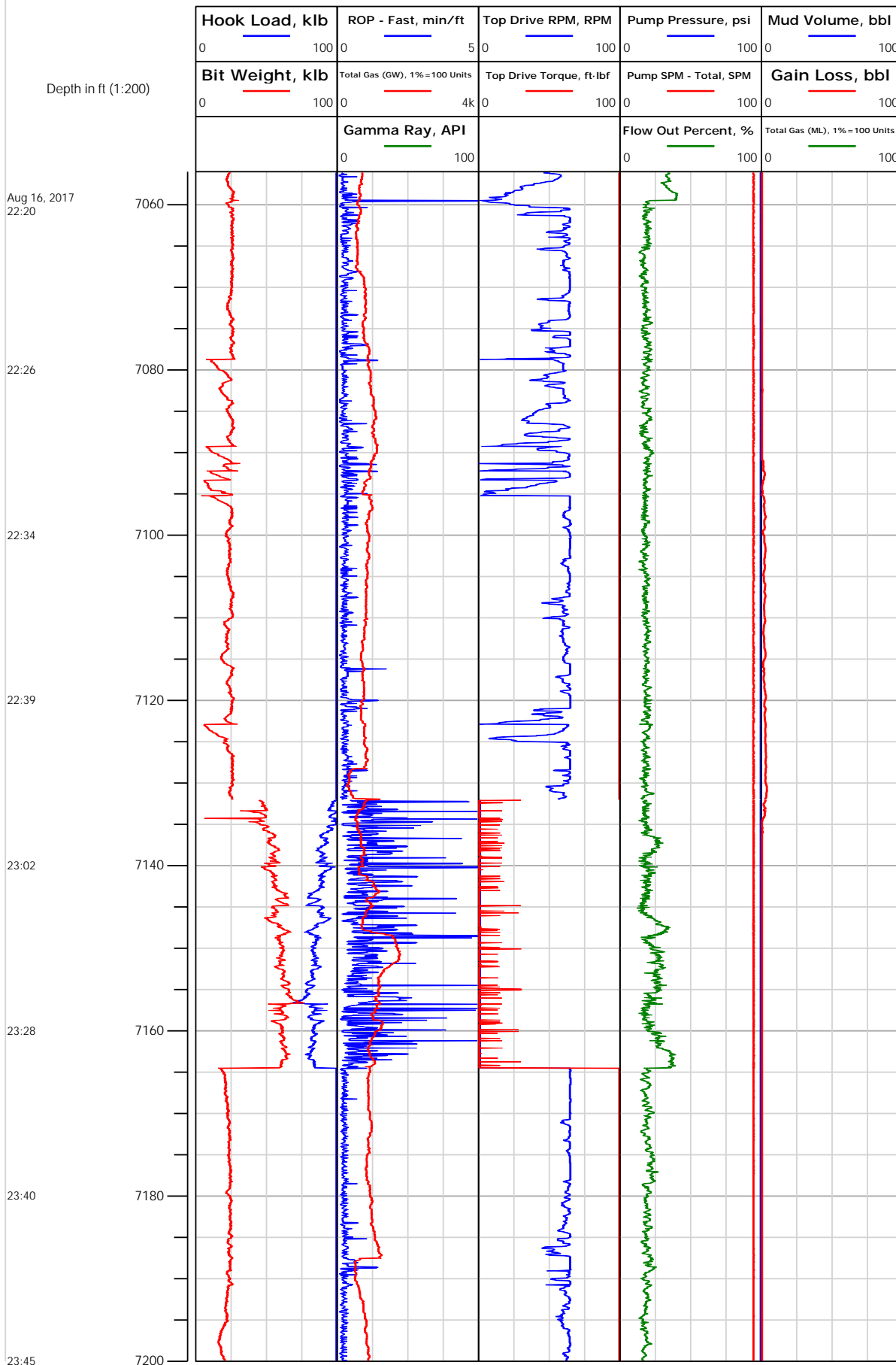
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**Rig:** 290

**Location:** SE/4 of NW/4

Notes







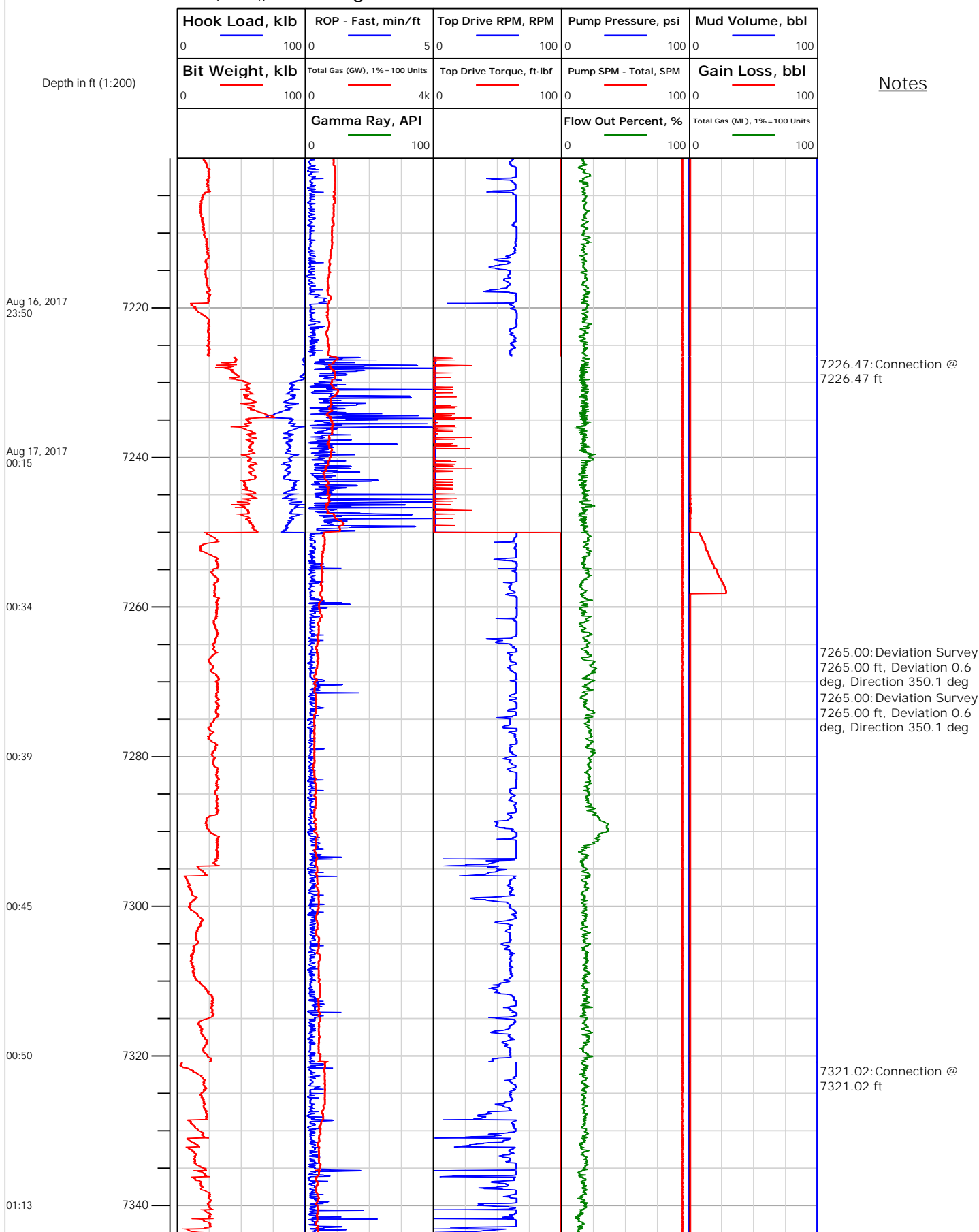
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**Location:** SE/4 of NW/4

## Notes





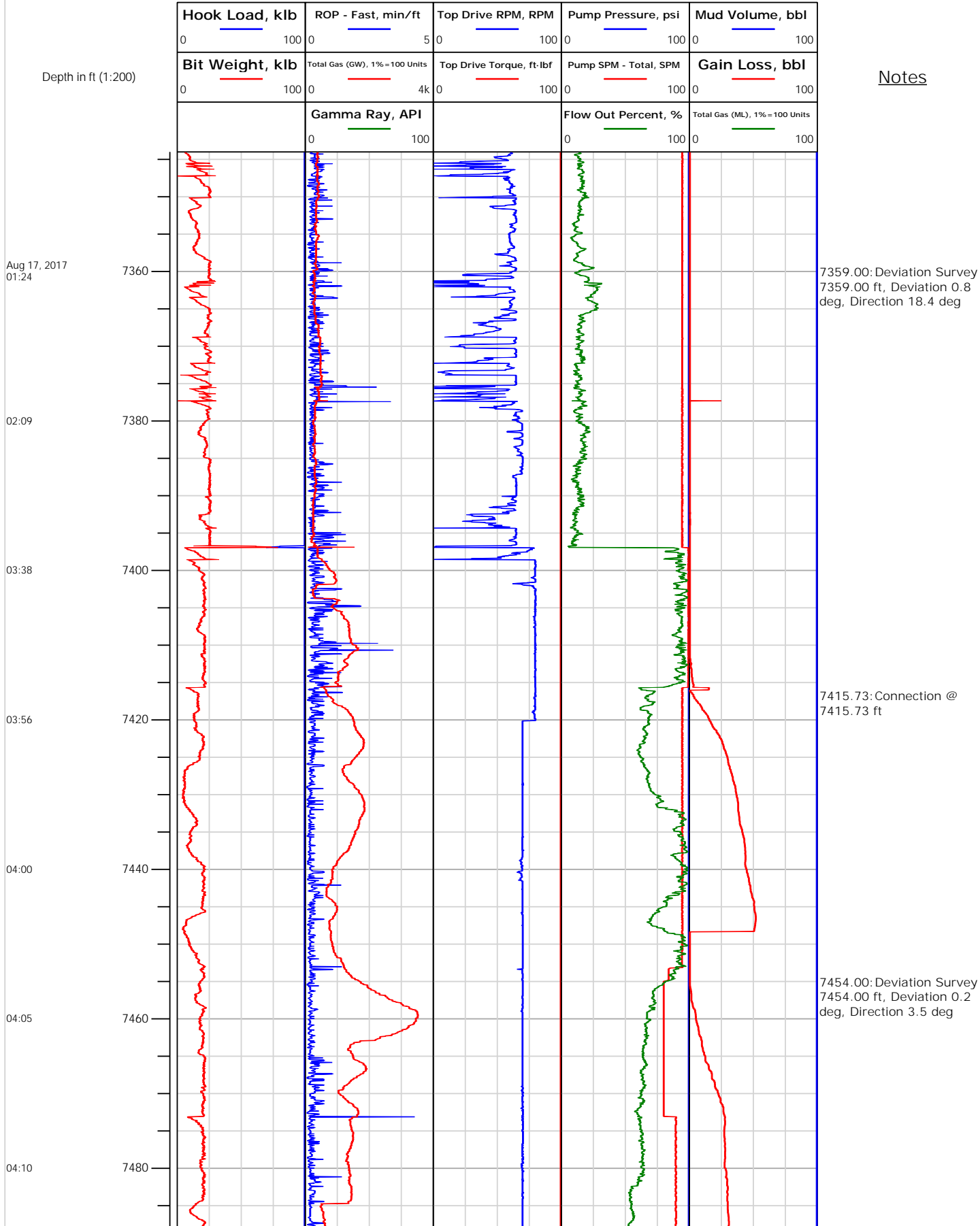
# Electronic Drilling Recorder

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

**Well Name:** Bruton 0993-19-02W  
**Rig:** 290

**Location:** SE/4 of NW/4

## Notes





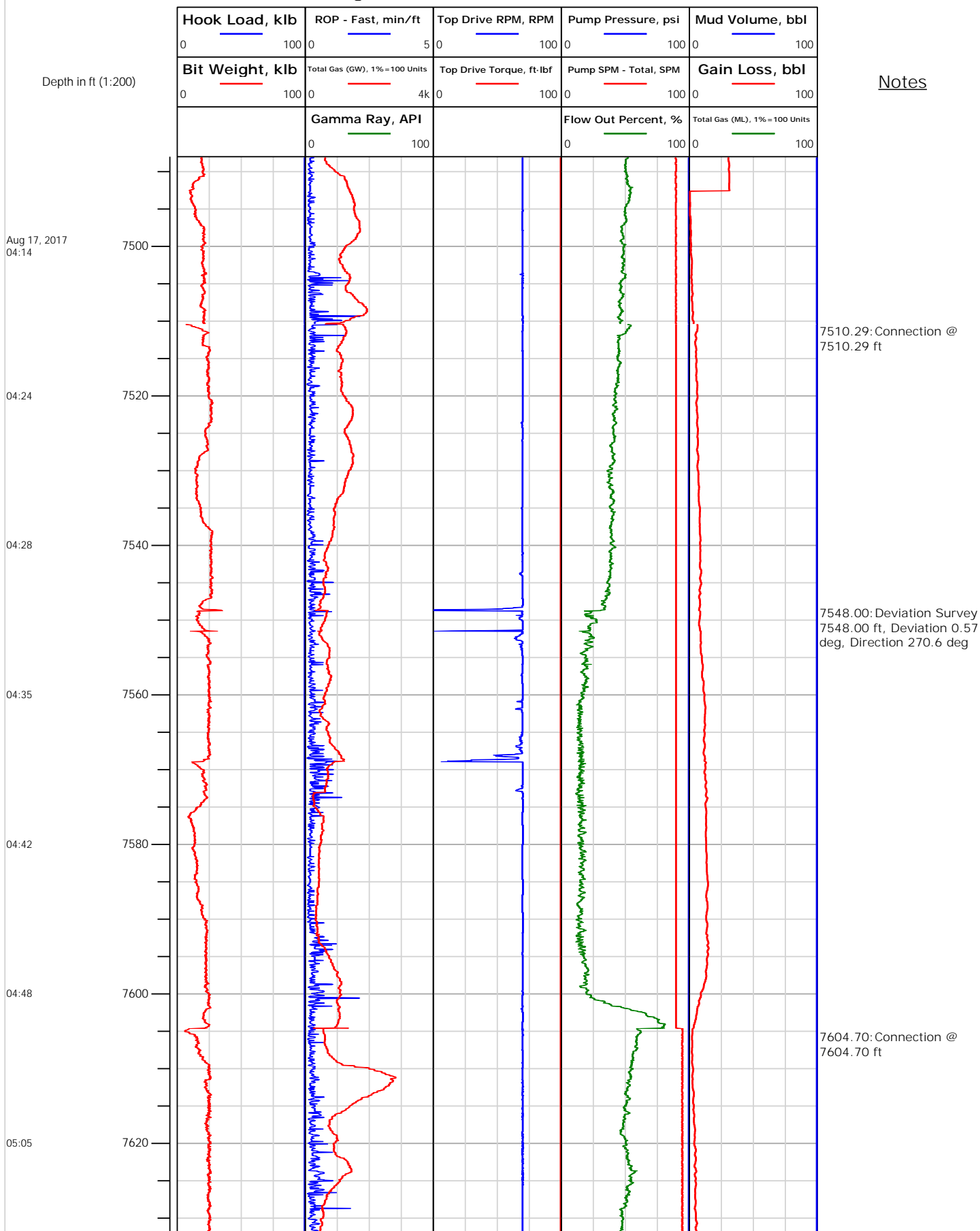
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**Well Name:** Bruton 0993-19-02W  
**Rig:** 290

**Location:** SE/4 of NW/4

Notes





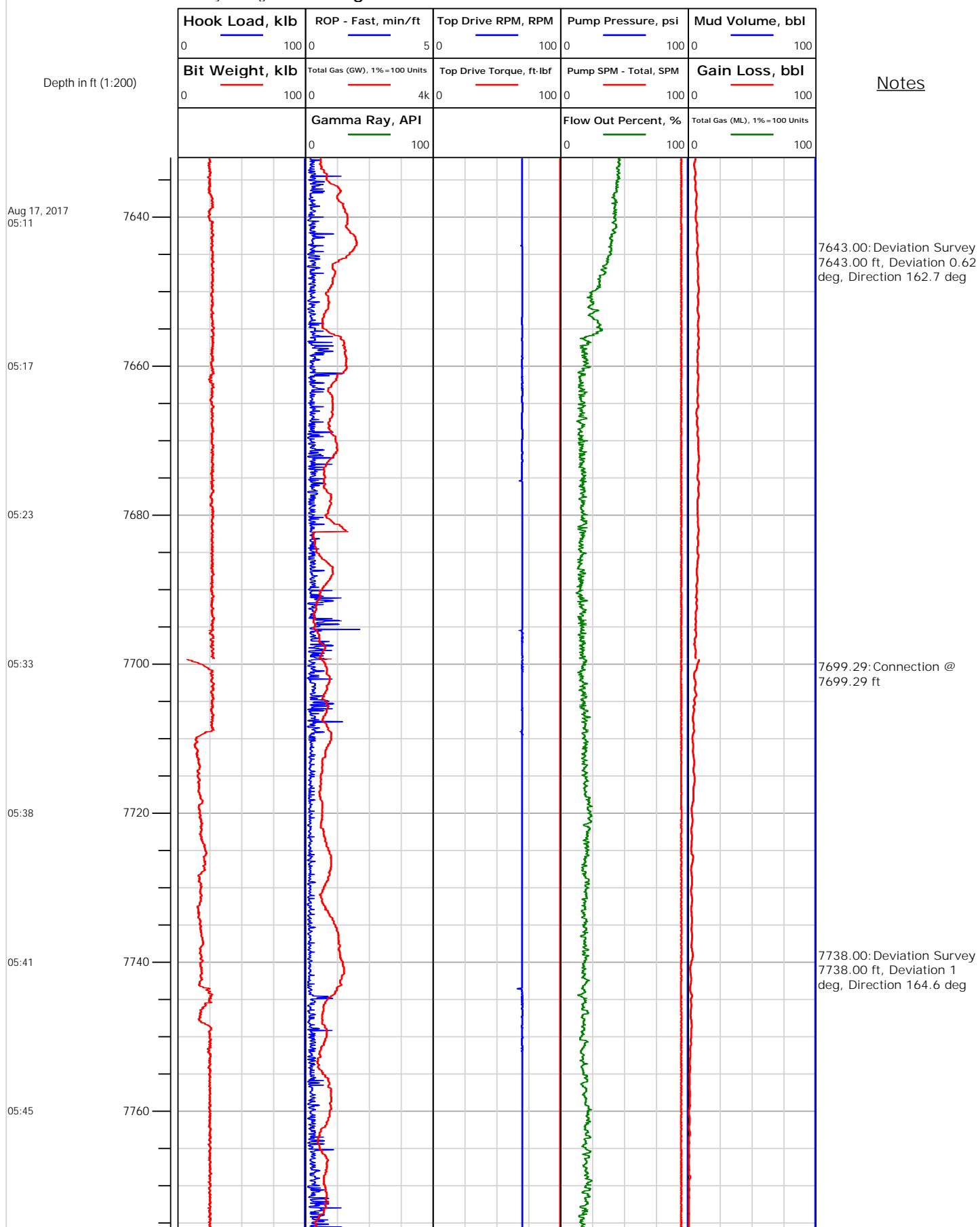
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Rig: 290

Location: SE/4 of NW/4

## Notes





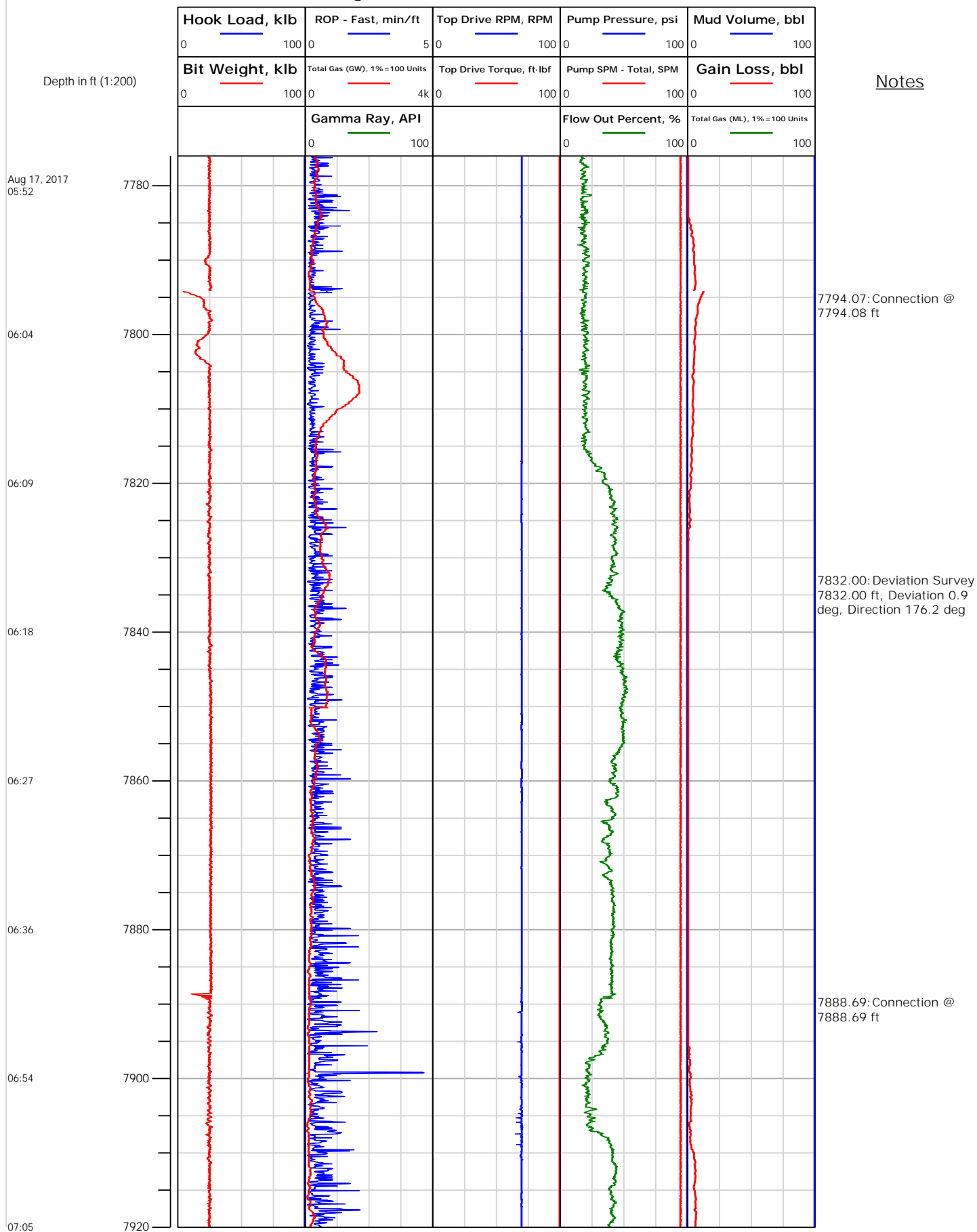
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## Notes



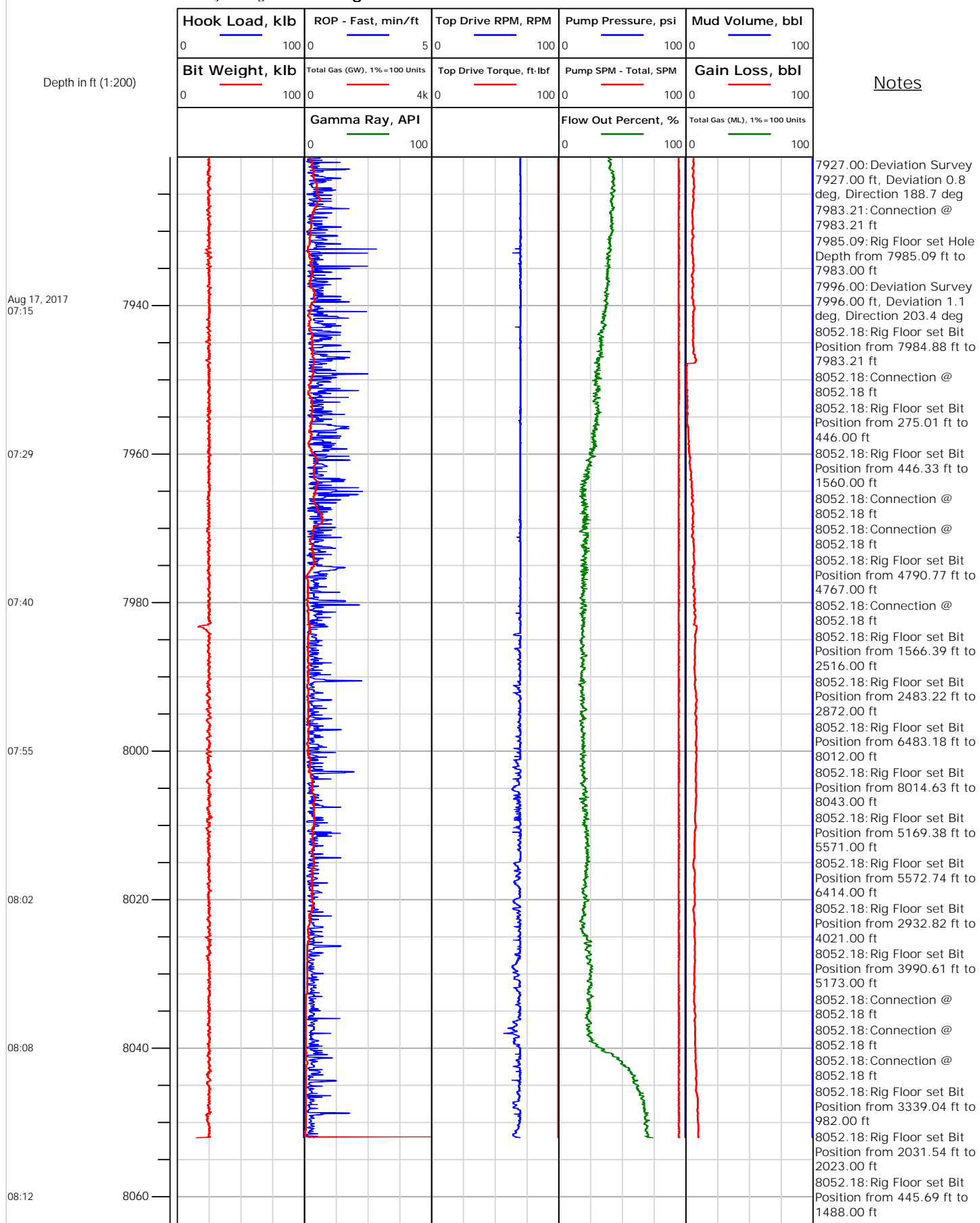


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Well Name: Bruton 0993-19-02W  
Rig: 290

Location: SE/4 of NW/4



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

**Well Name:** Bruton 0993-19-02W  
**Rig:** 290

Depth in ft (1:200)

[illegible]

## Notes