

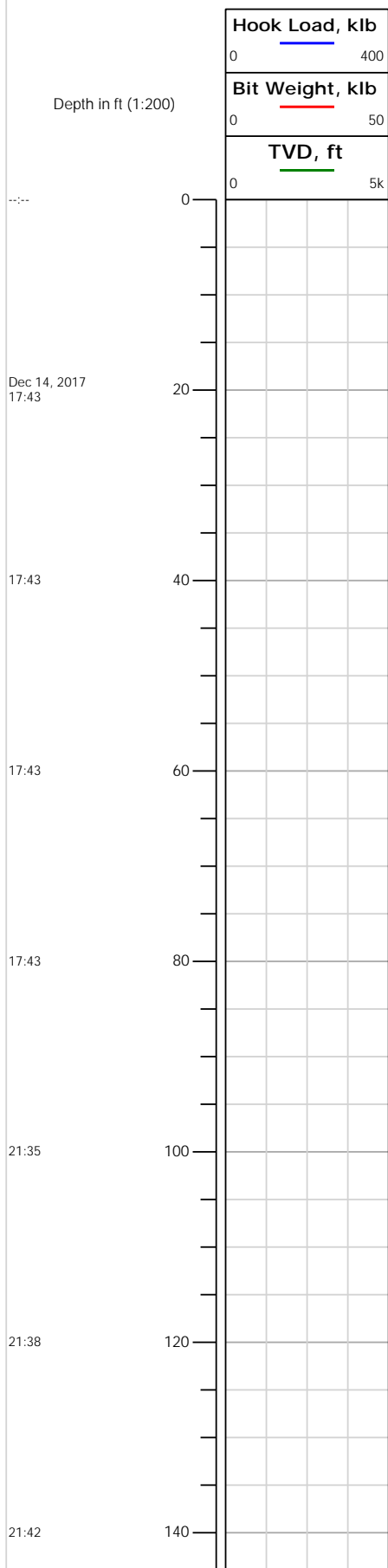


**Operator:** Laramie Energy  
**Contractor:** Helmerich & Payne Drlg Co

# Electronic Drilling Recorder

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**





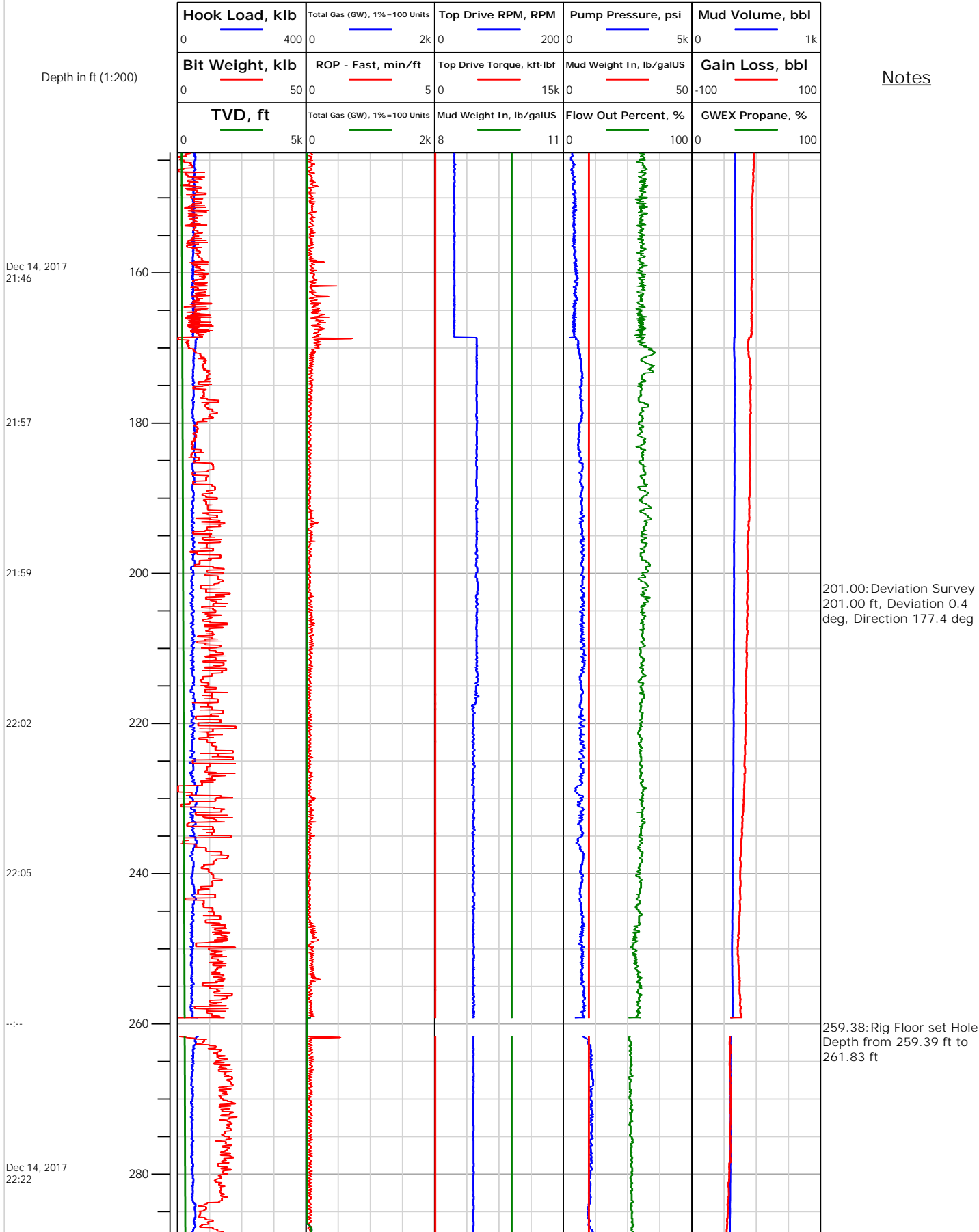
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes







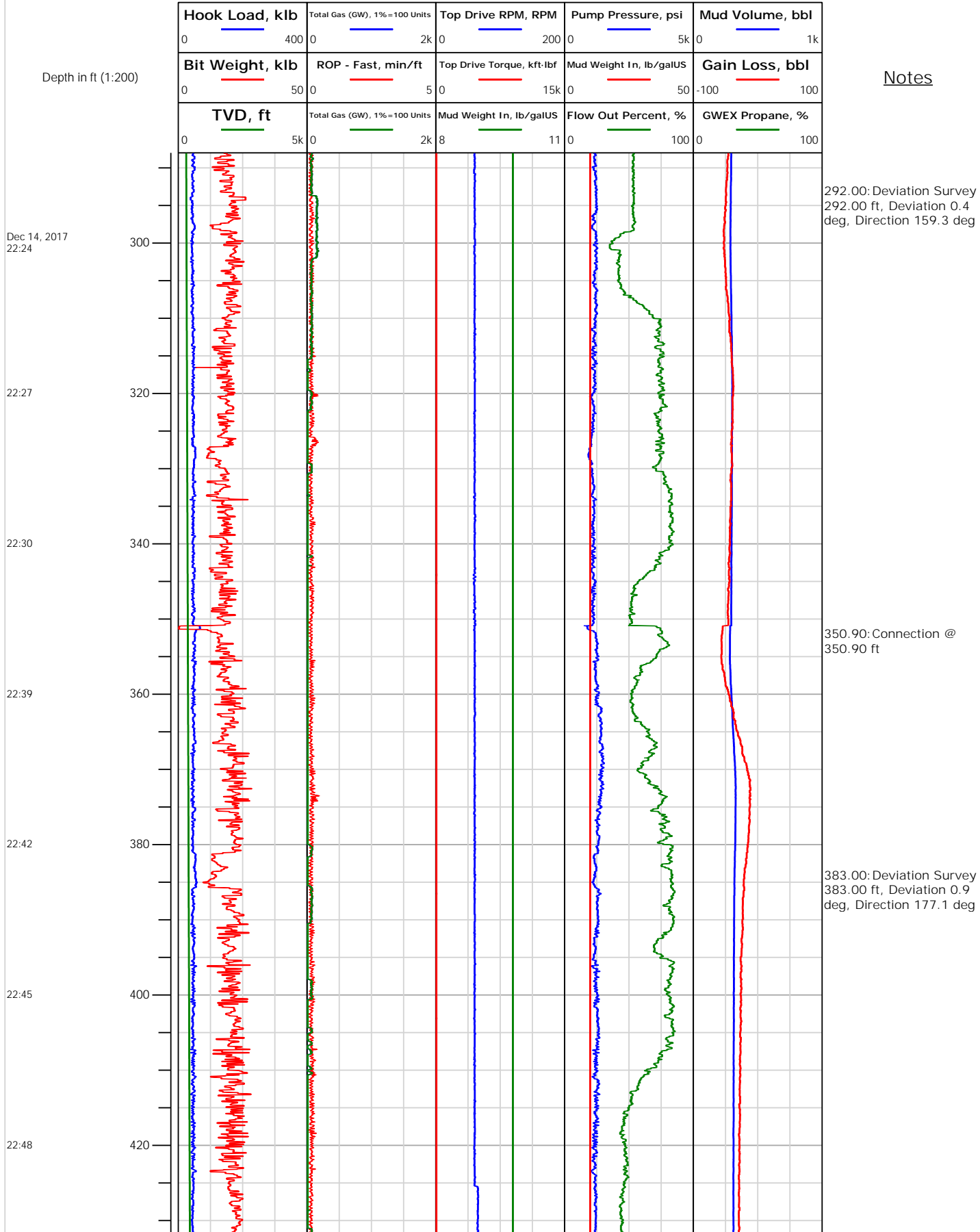
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

## Notes





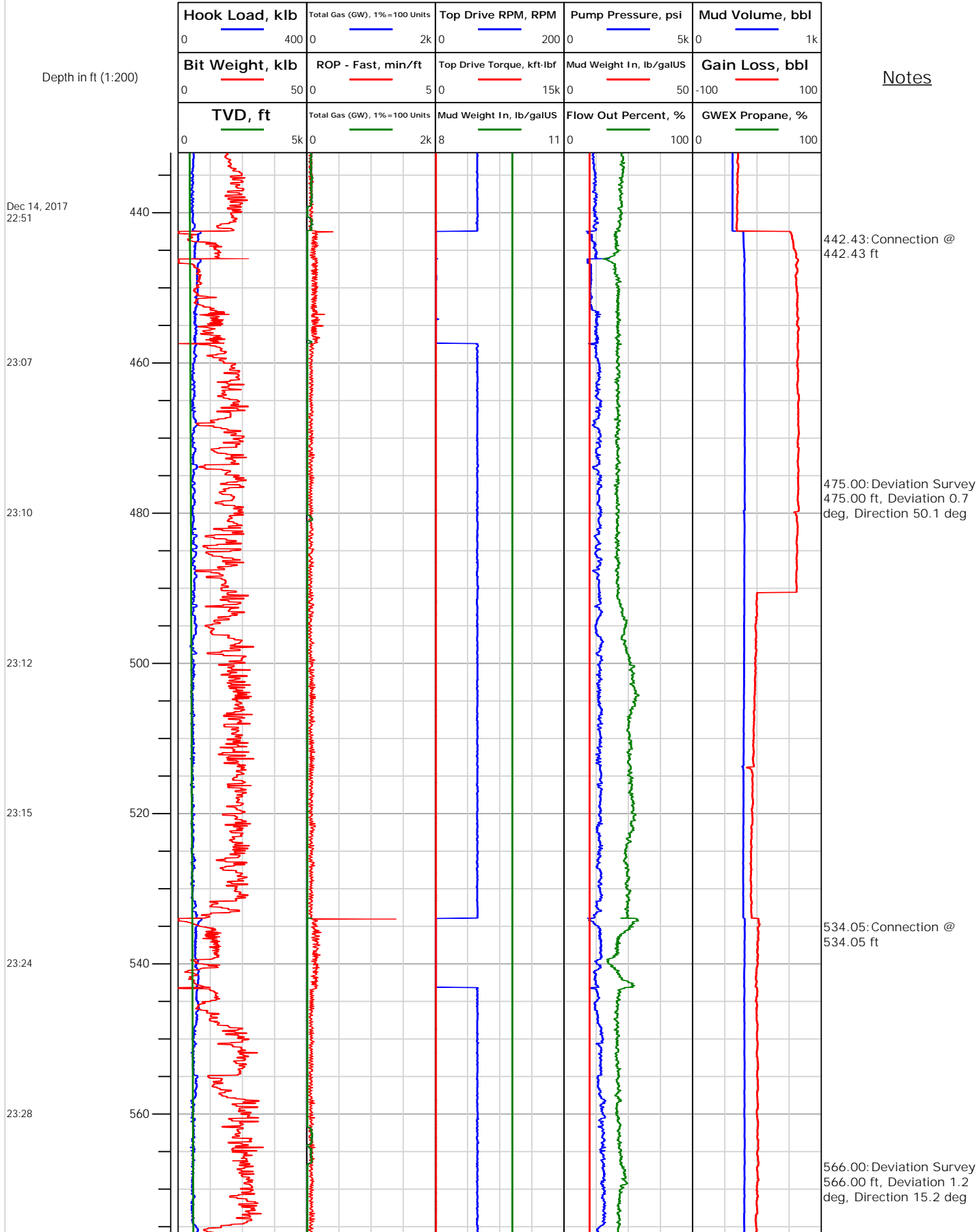
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





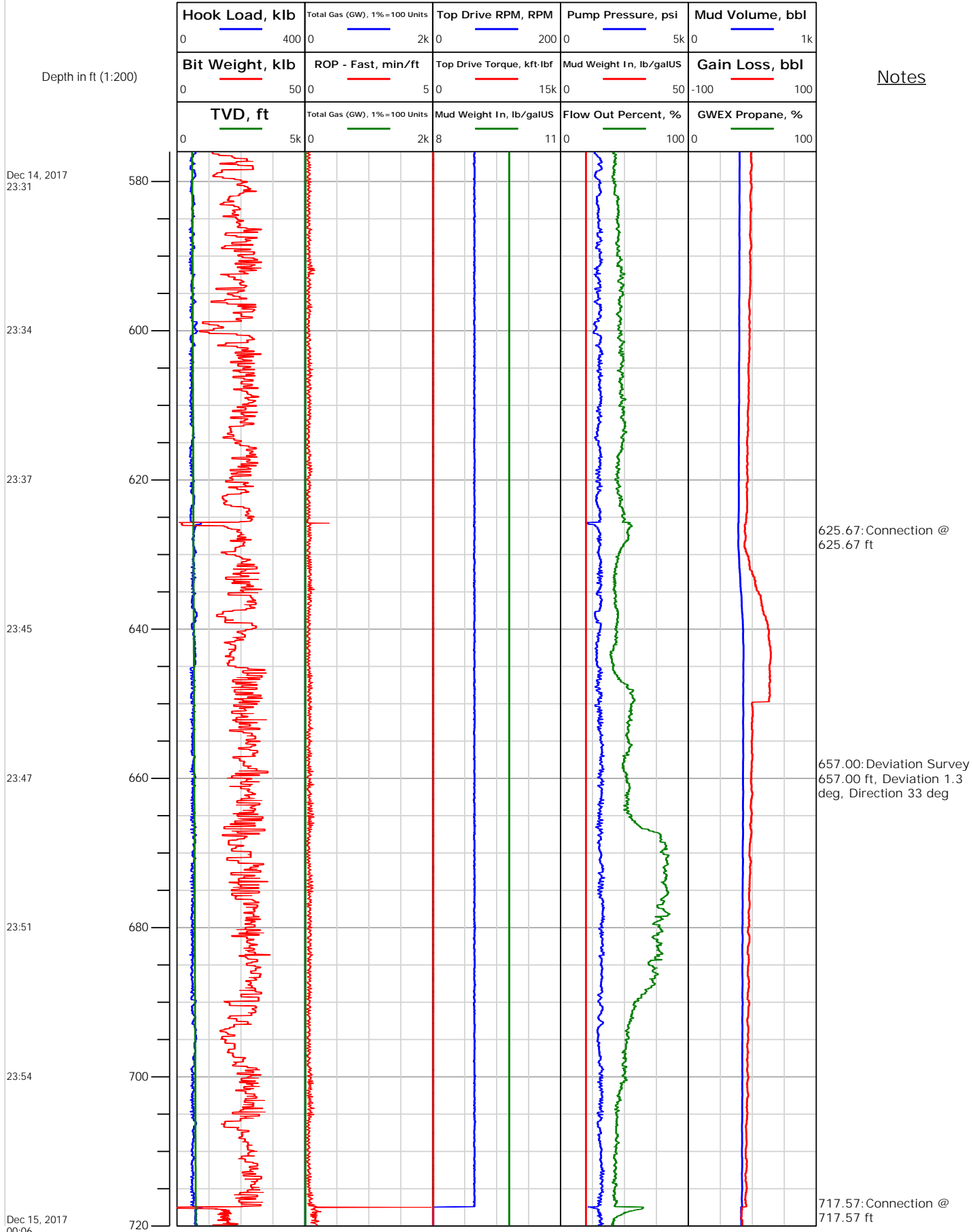
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





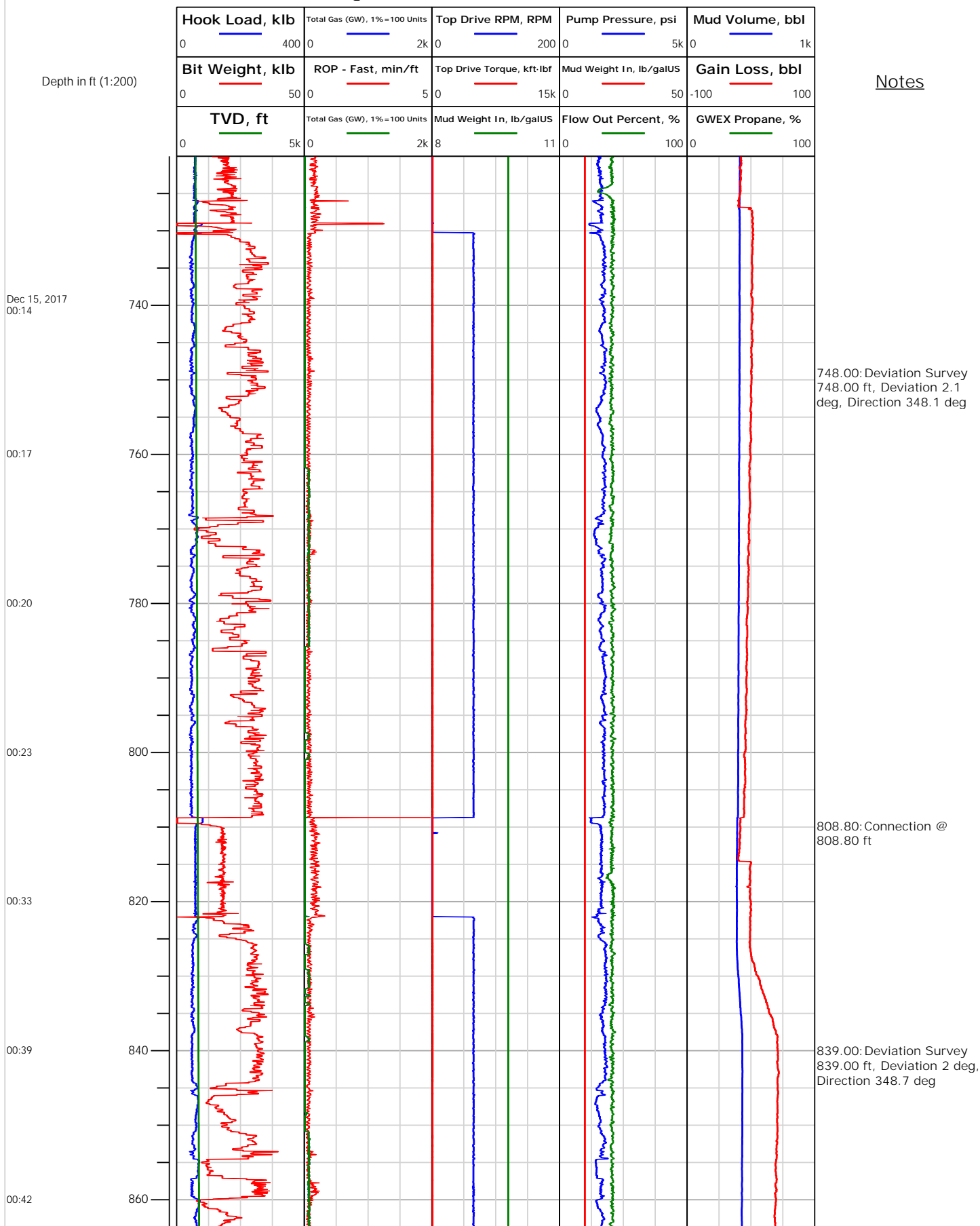
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





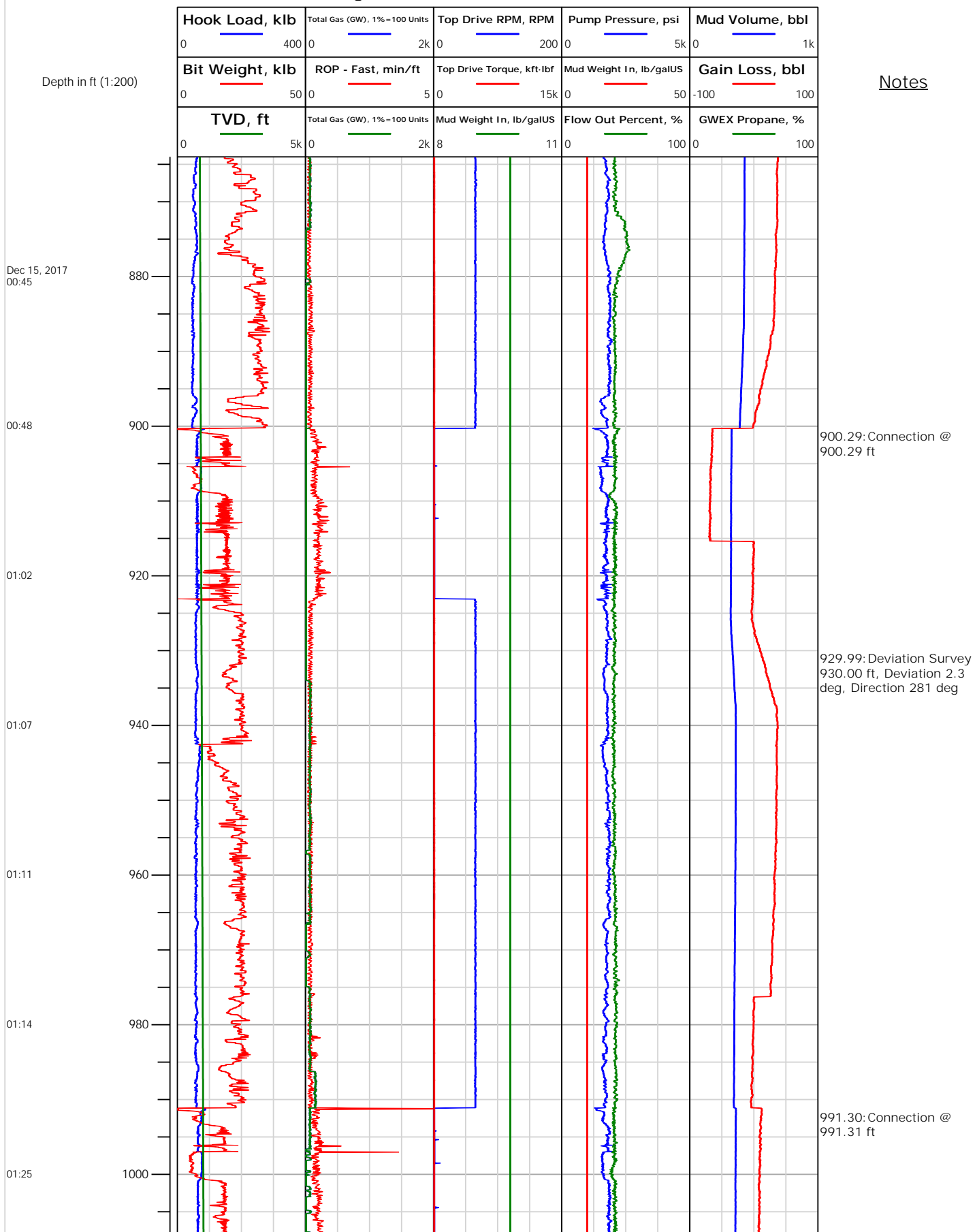
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





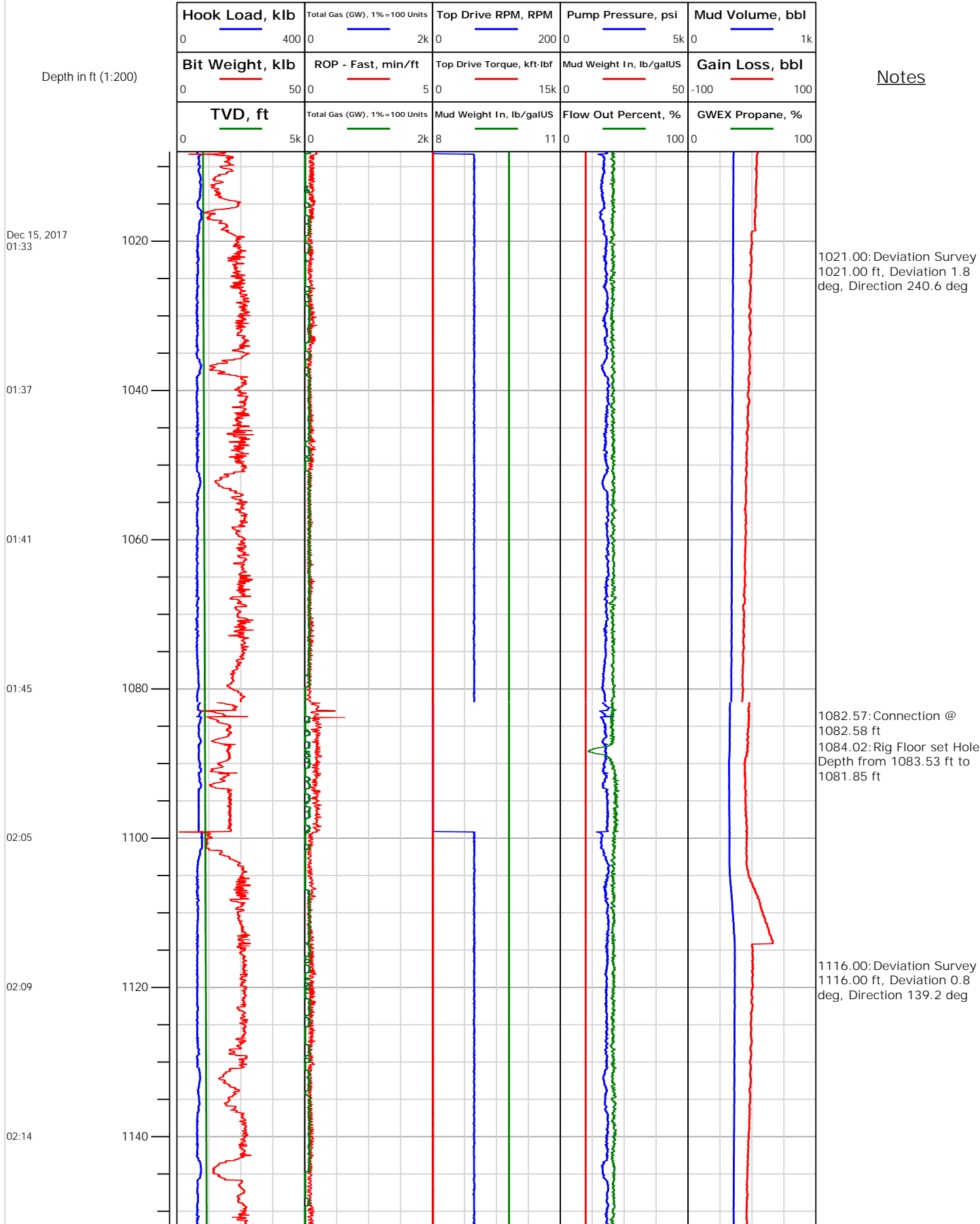
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

## Notes





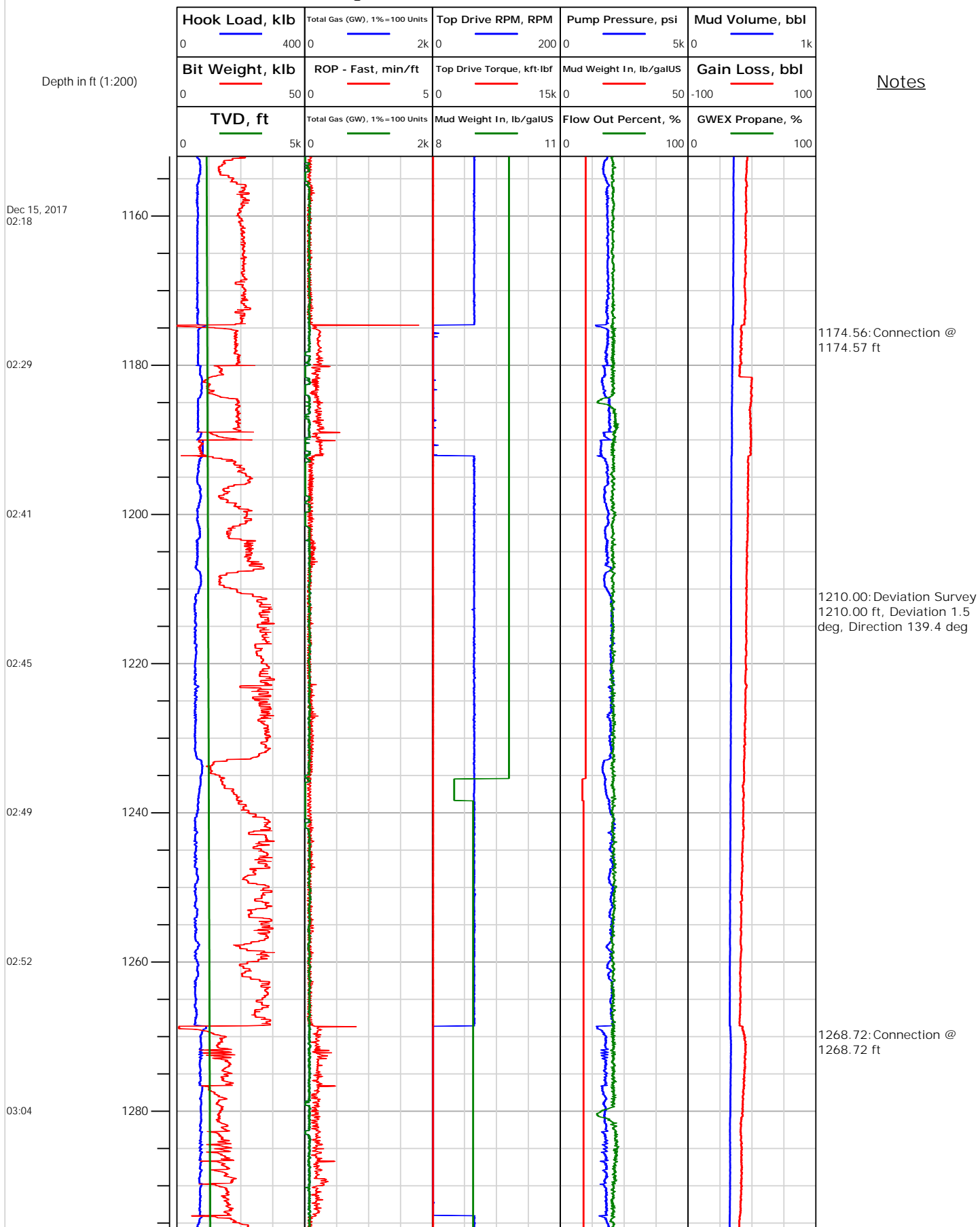
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





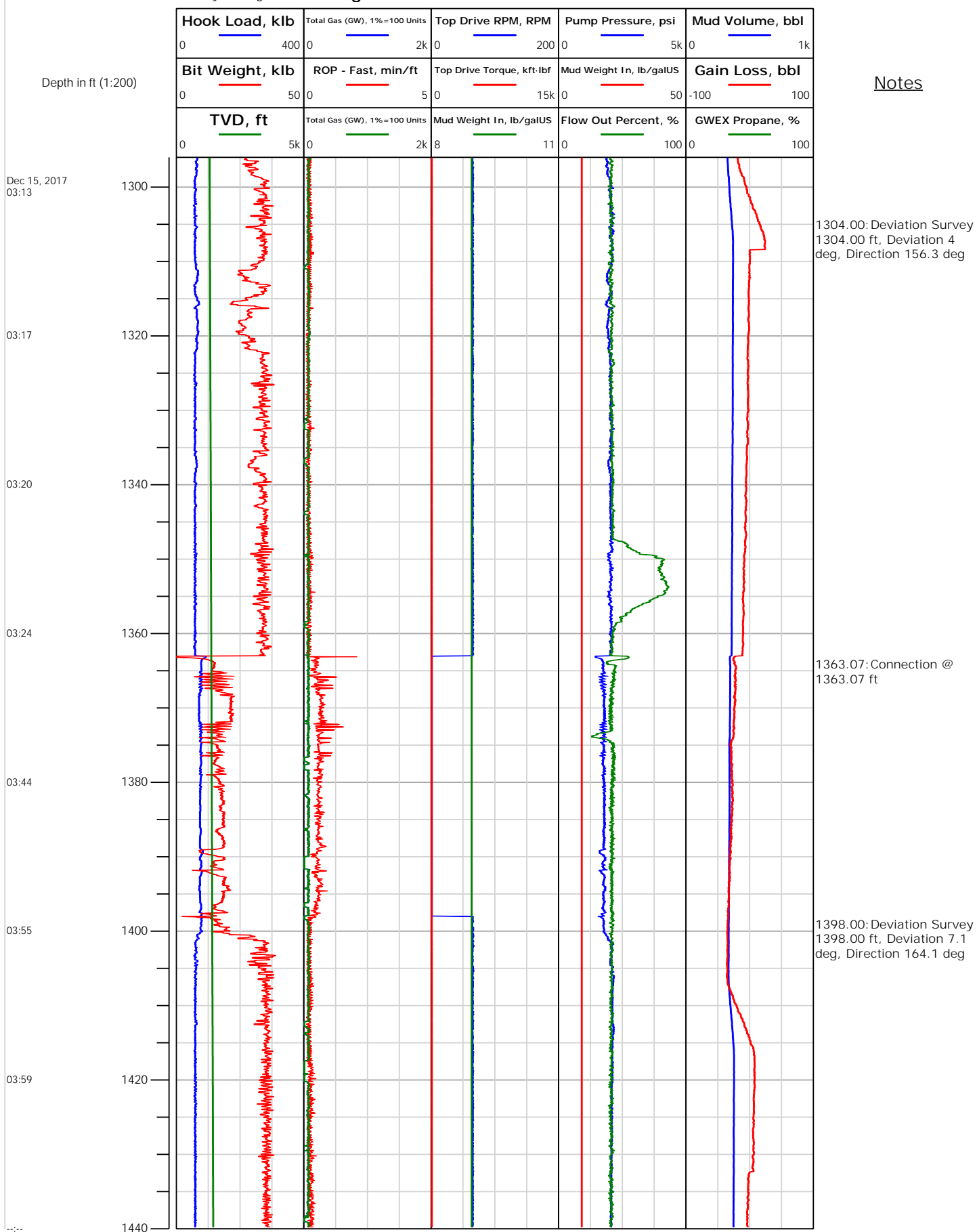
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes







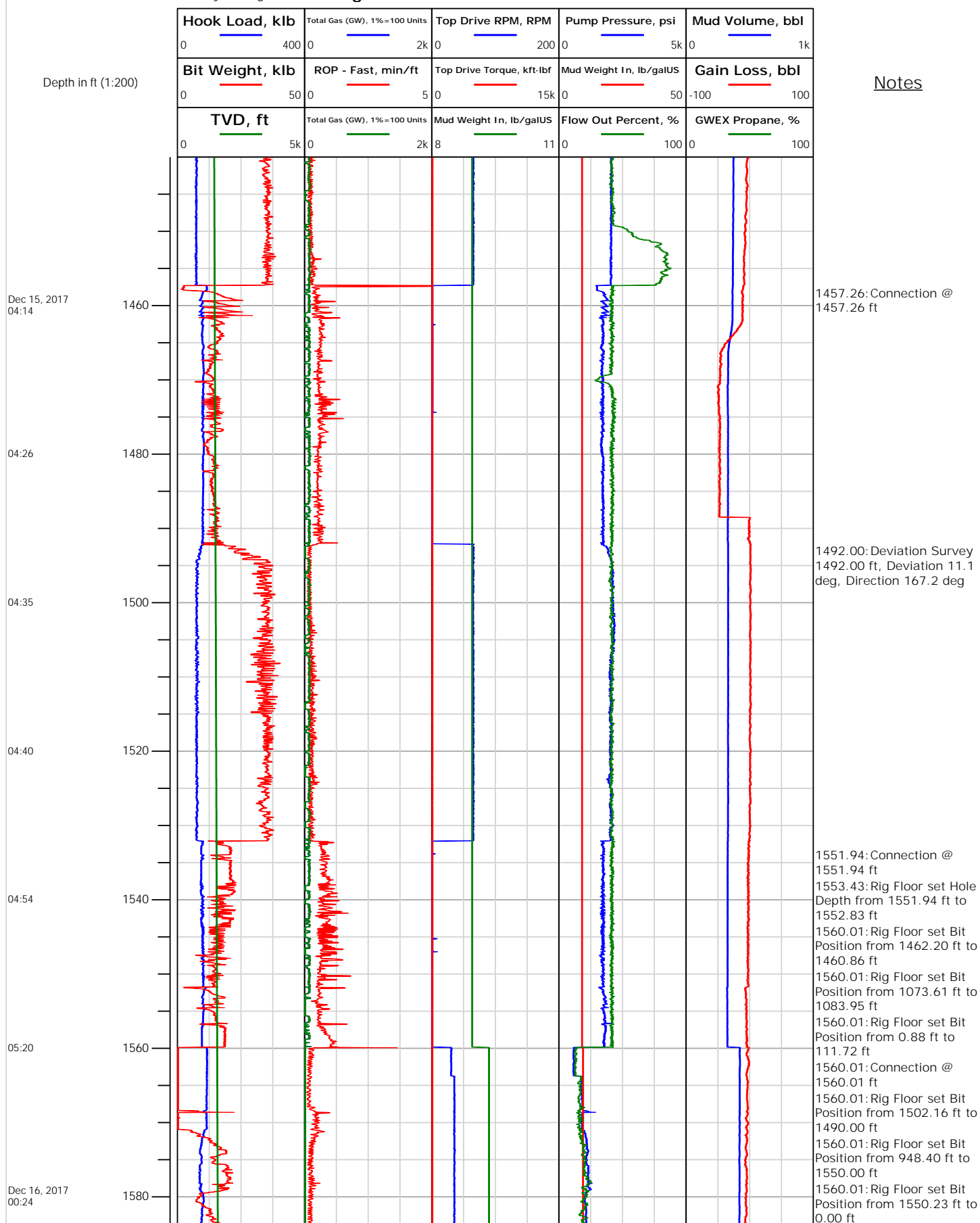
Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

# Electronic Drilling Recorder

Well Name: Bruton 30-15E  
Rig: 522

Location:

## Notes





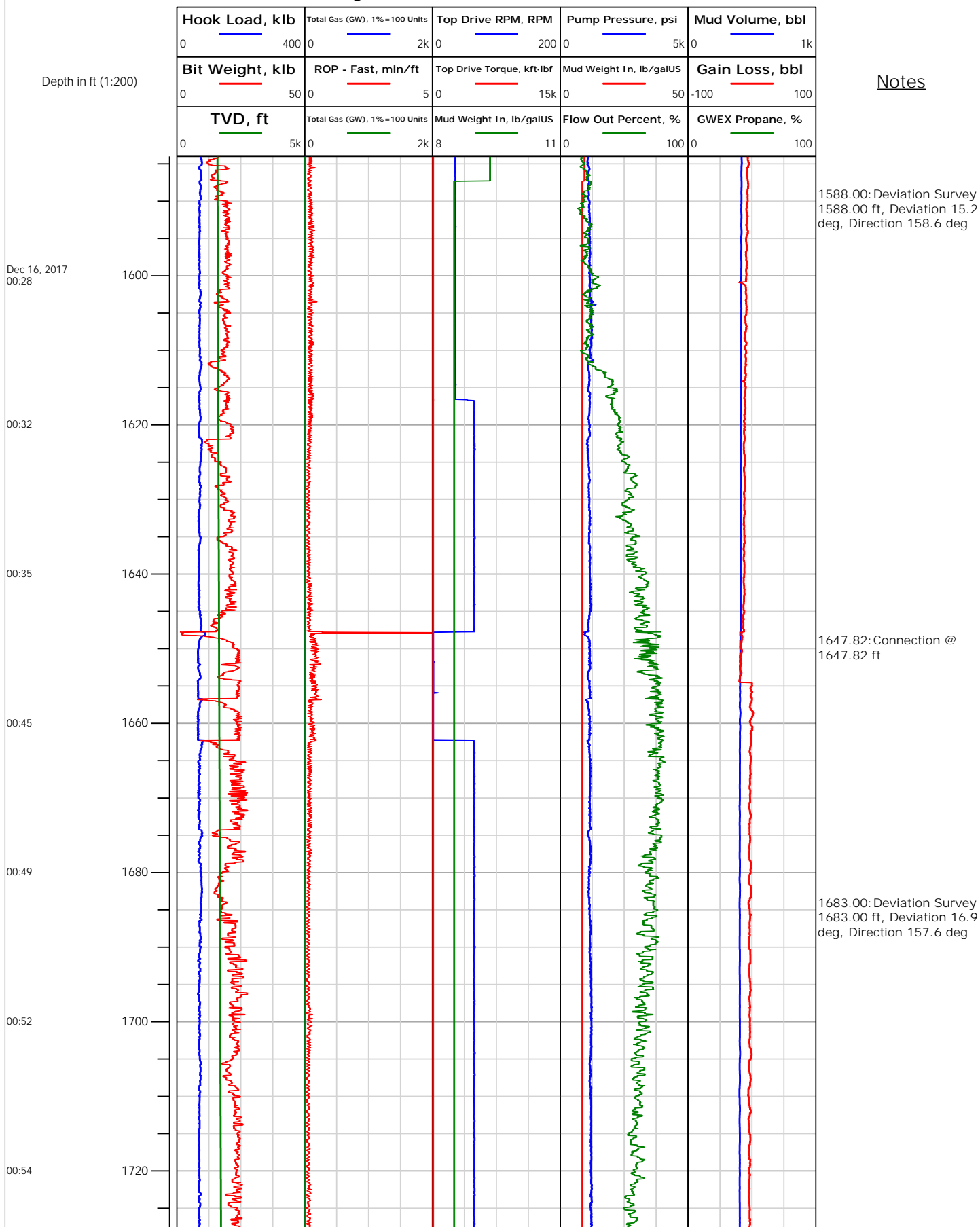
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





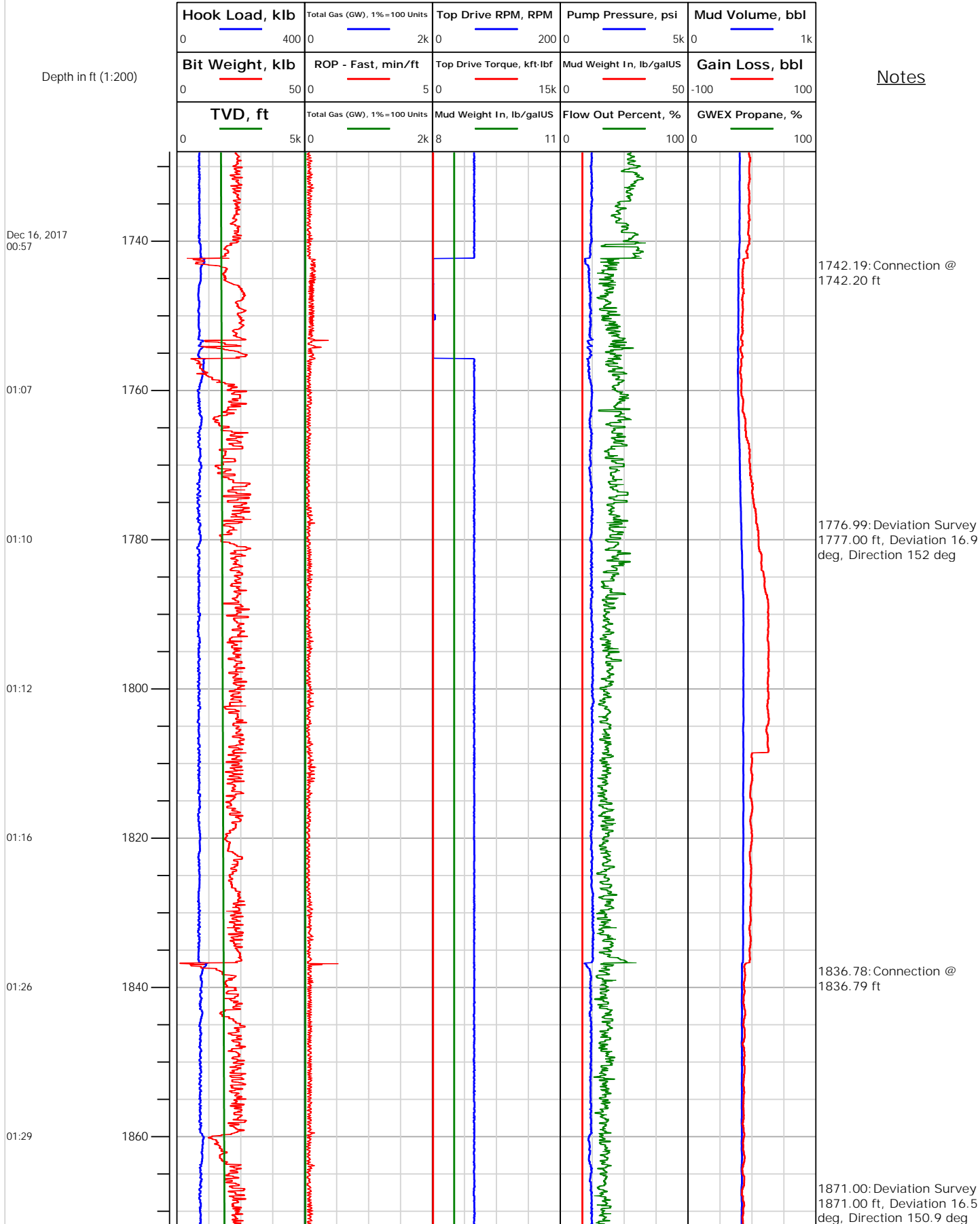
# Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-15E  
Rig: 522

Location:

Notes





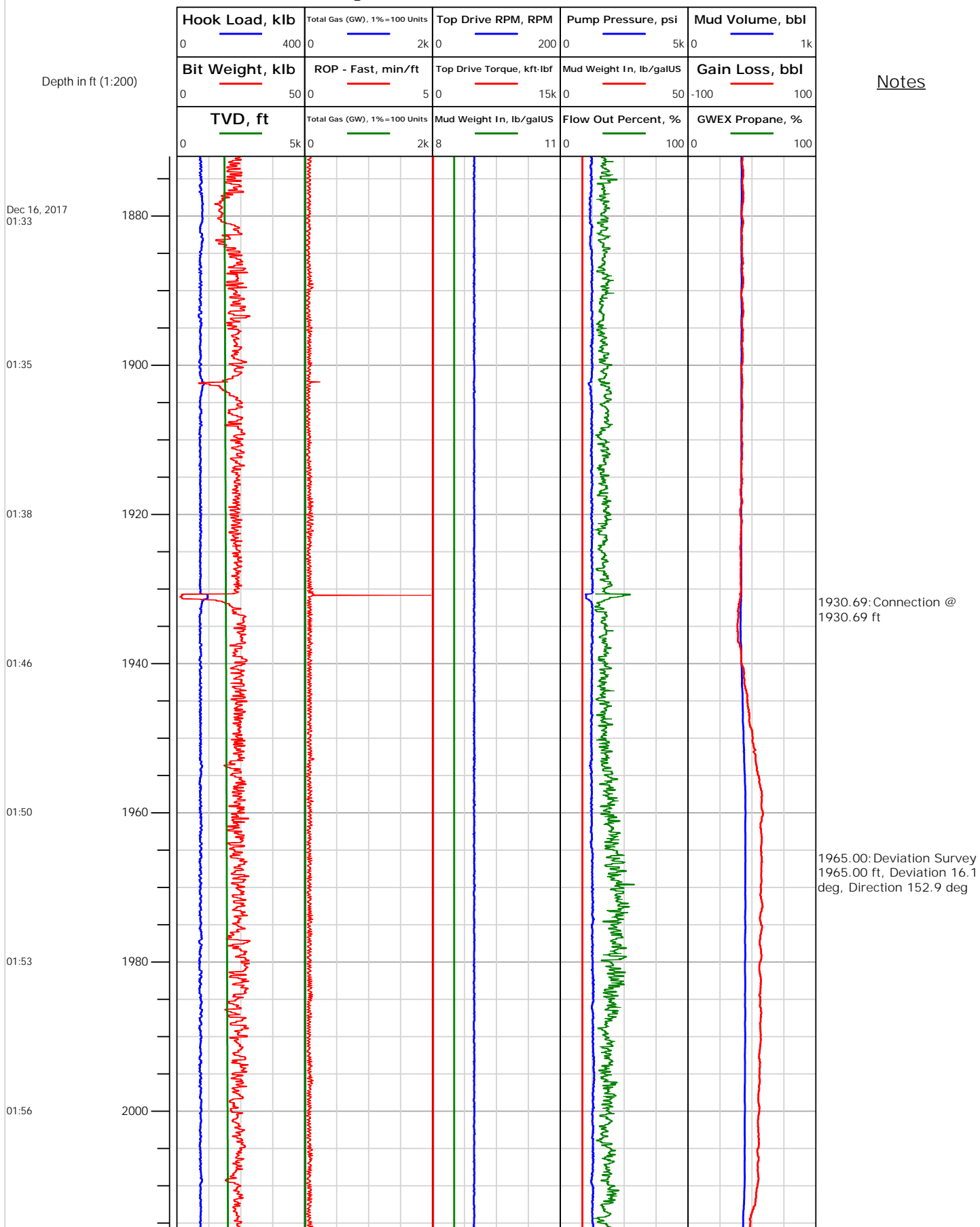
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





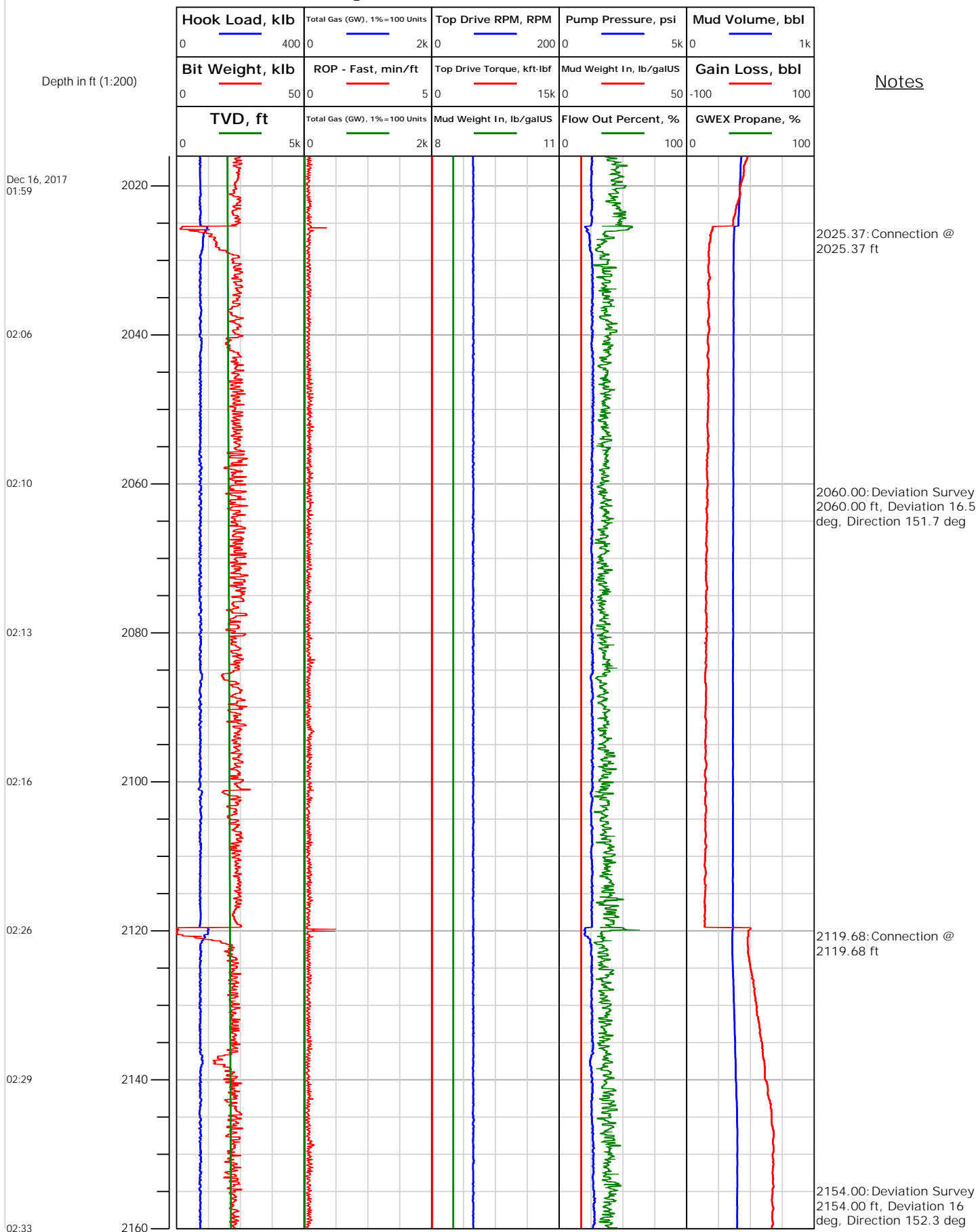
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





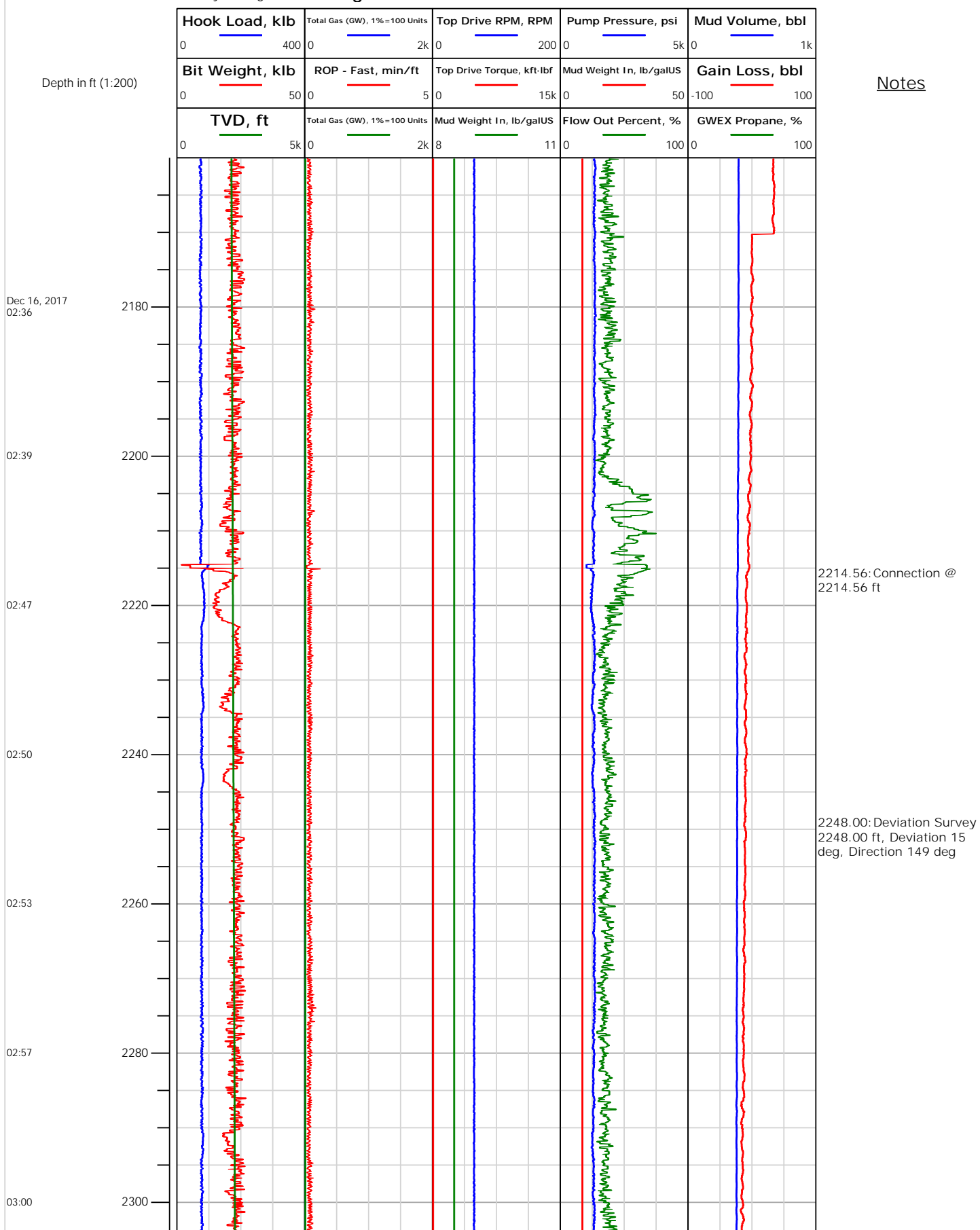
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





# Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-15E  
Rig: 522

Location:

Notes

Depth in ft (1:200)

Dec 16, 2017  
03:09

03:13

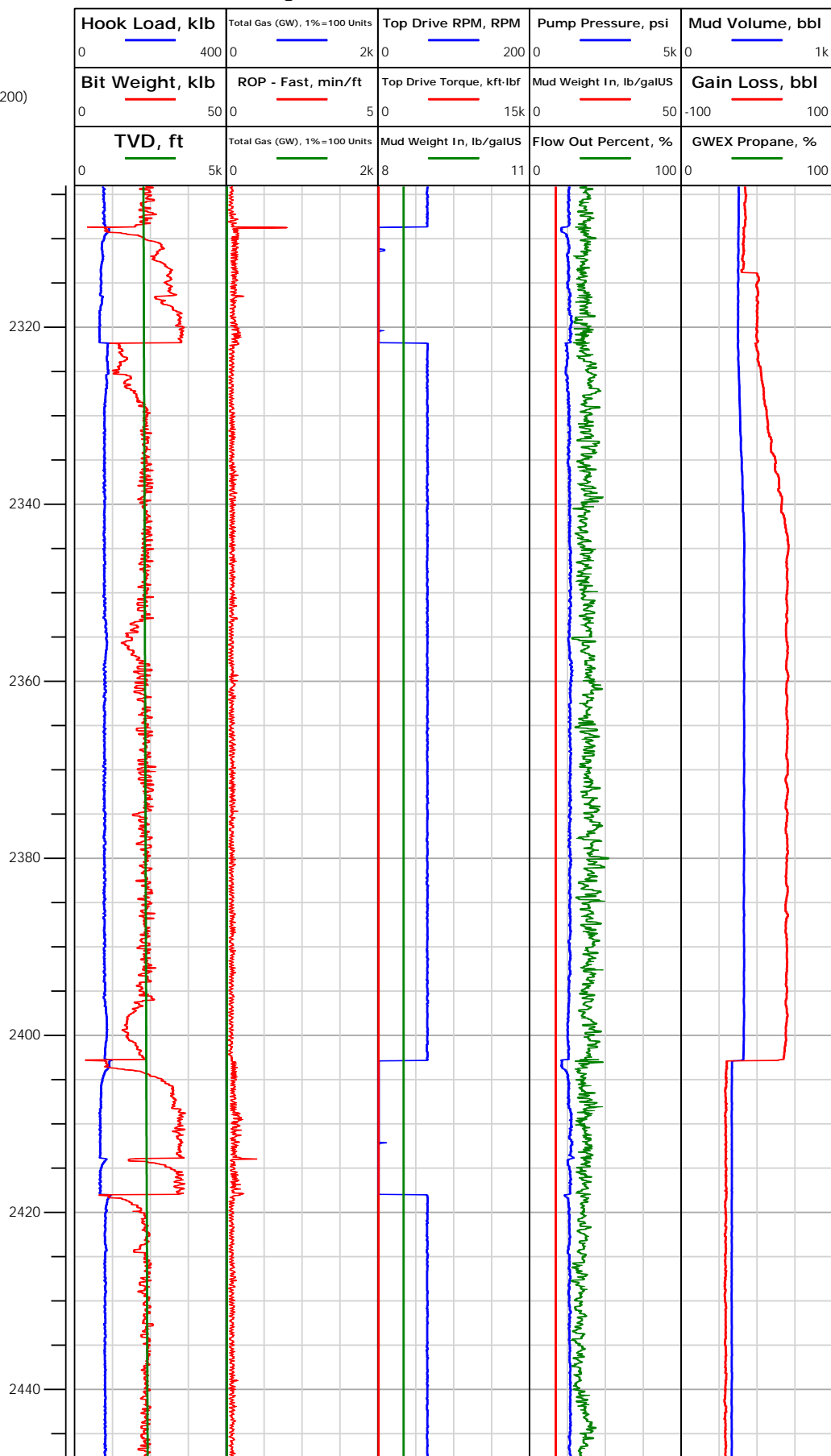
03:17

03:20

03:23

03:36

03:40



2308.56: Connection @  
2308.56 ft

2342.00: Deviation Survey  
2342.00 ft, Deviation 15.5  
deg, Direction 151.6 deg

2402.86: Connection @  
2402.86 ft

2436.00: Deviation Survey  
2436.00 ft, Deviation 16  
deg, Direction 152.8 deg



# Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-15E  
Rig: 522

Location:

Notes

Depth in ft (1:200)

Dec 16, 2017  
03:43

03:47

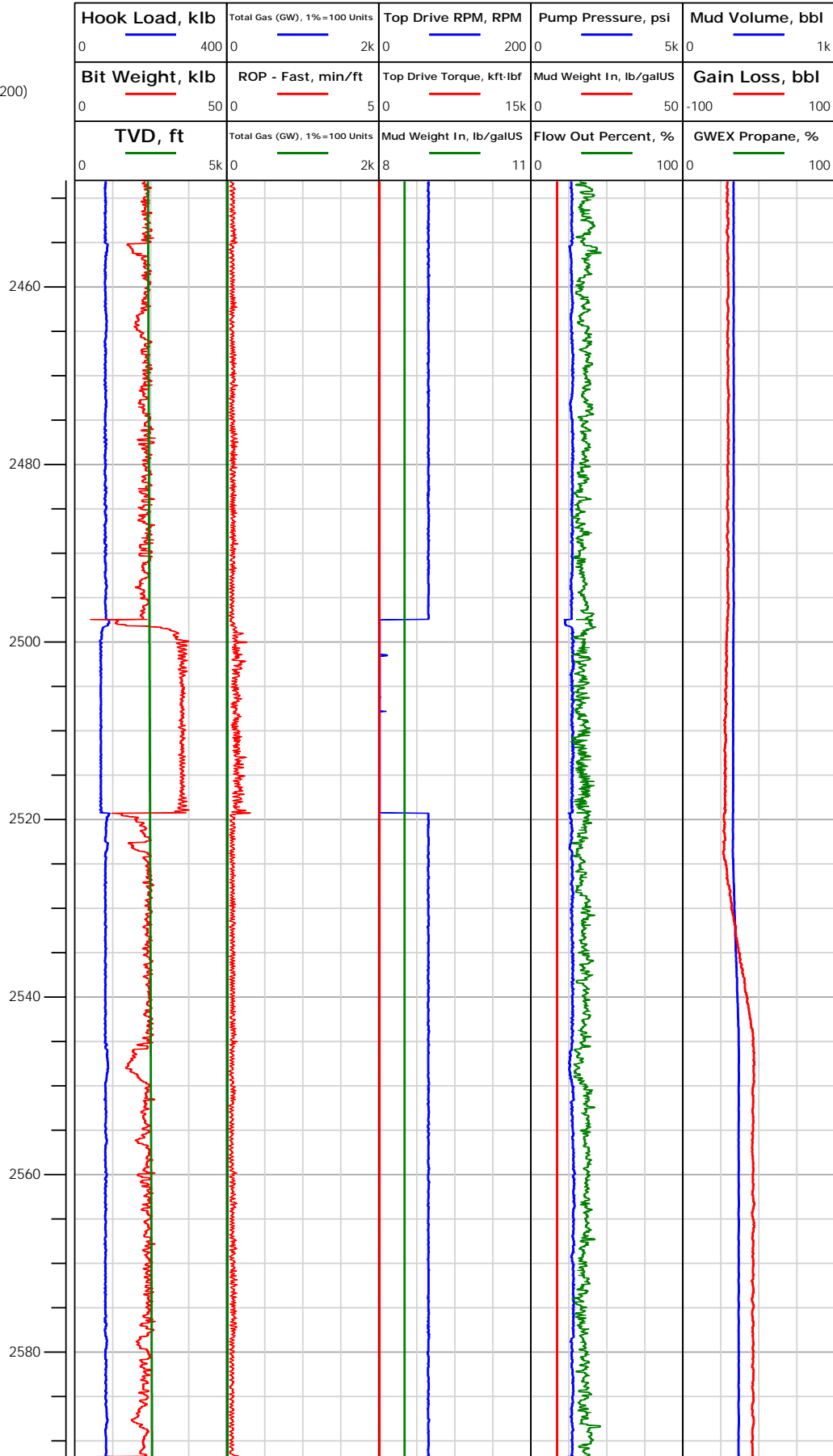
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04:03

04:06

04:09

04:13







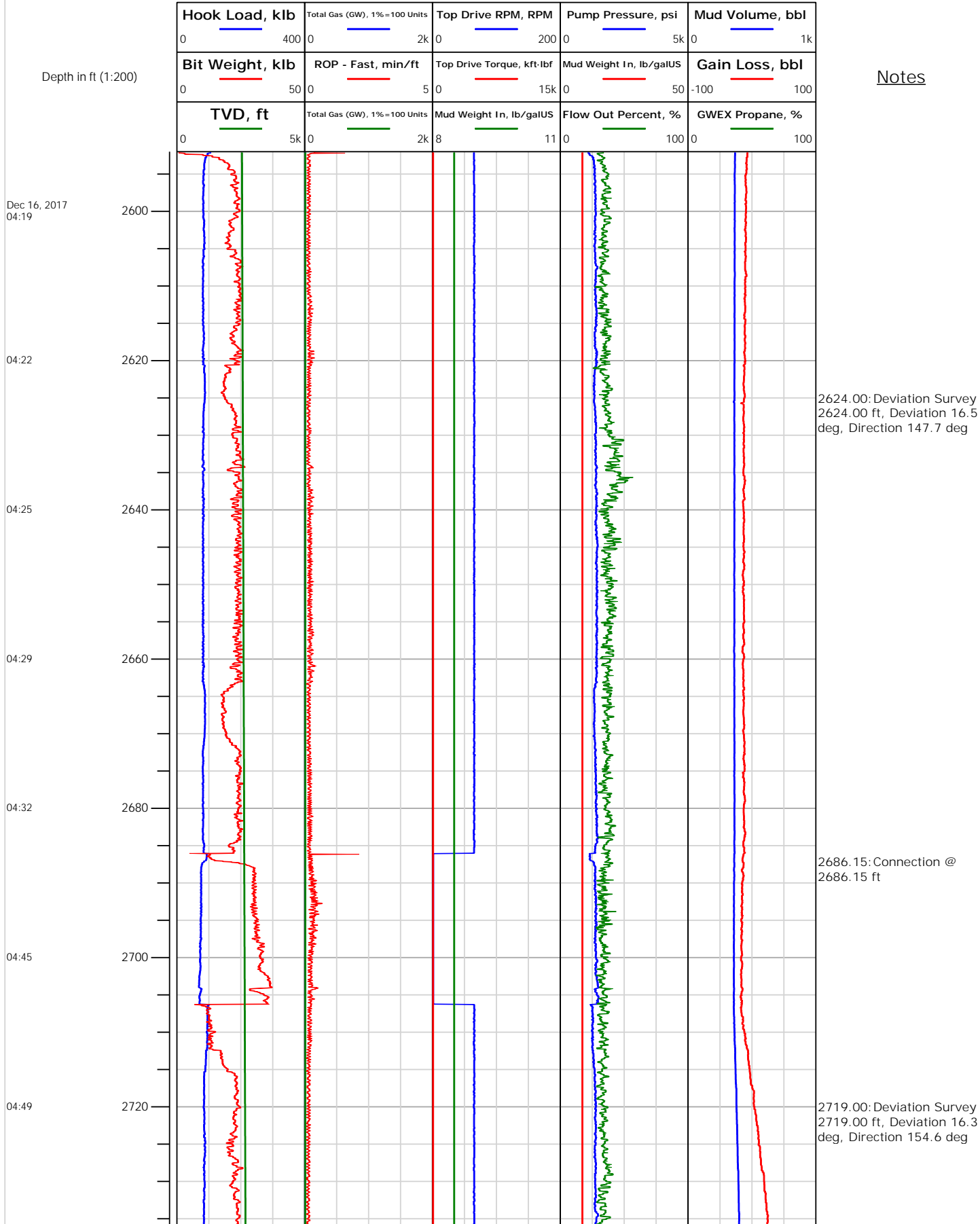
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





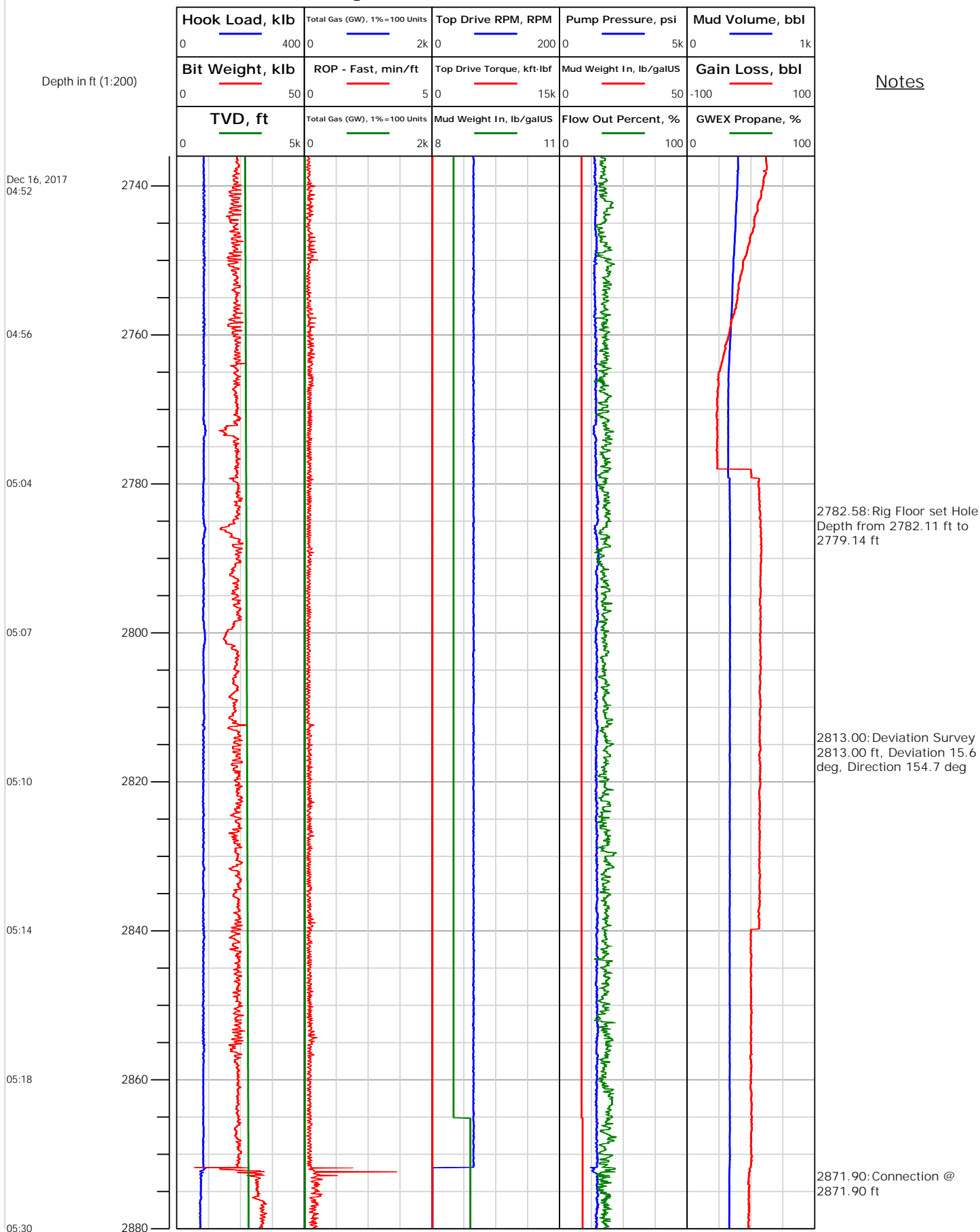
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





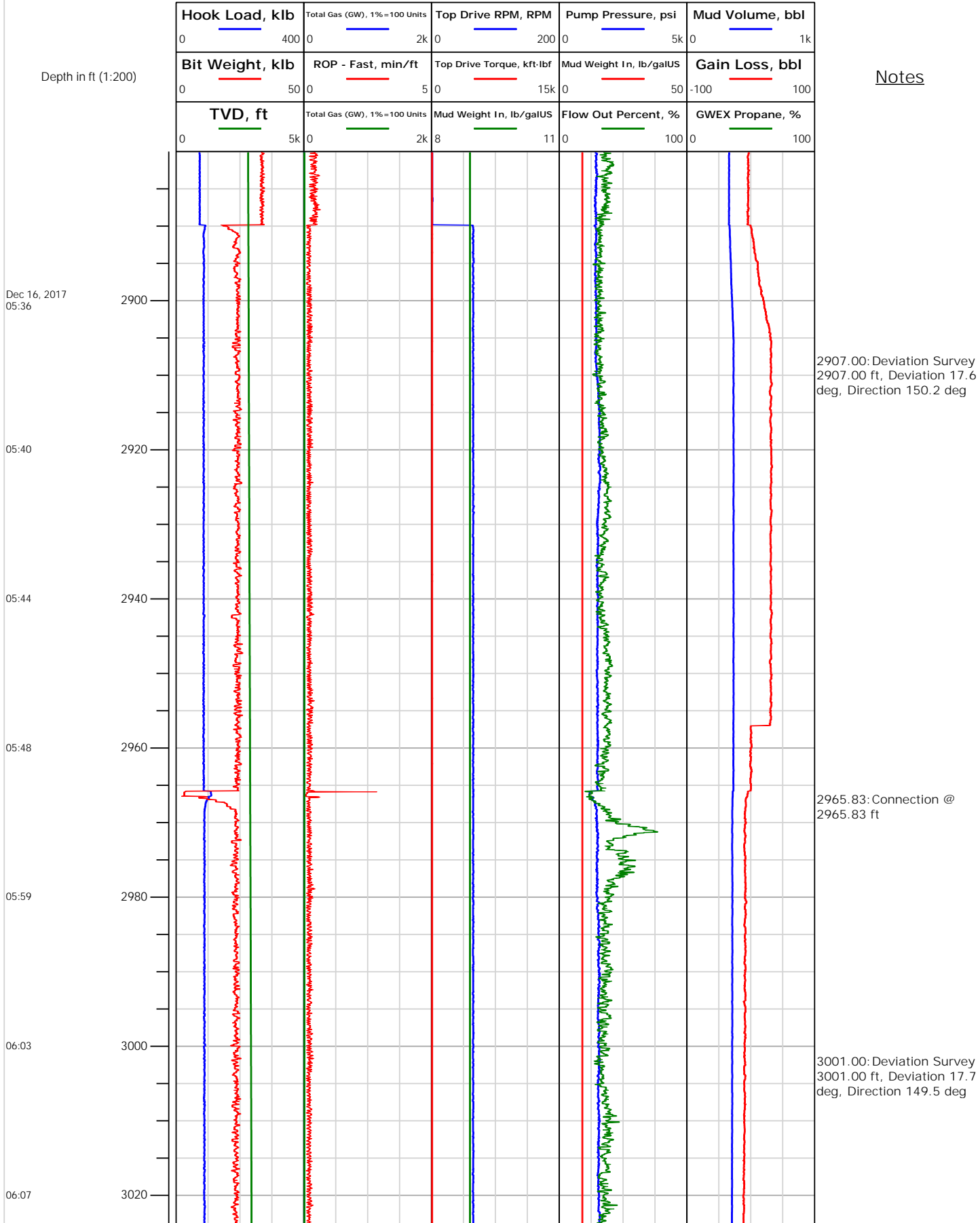
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





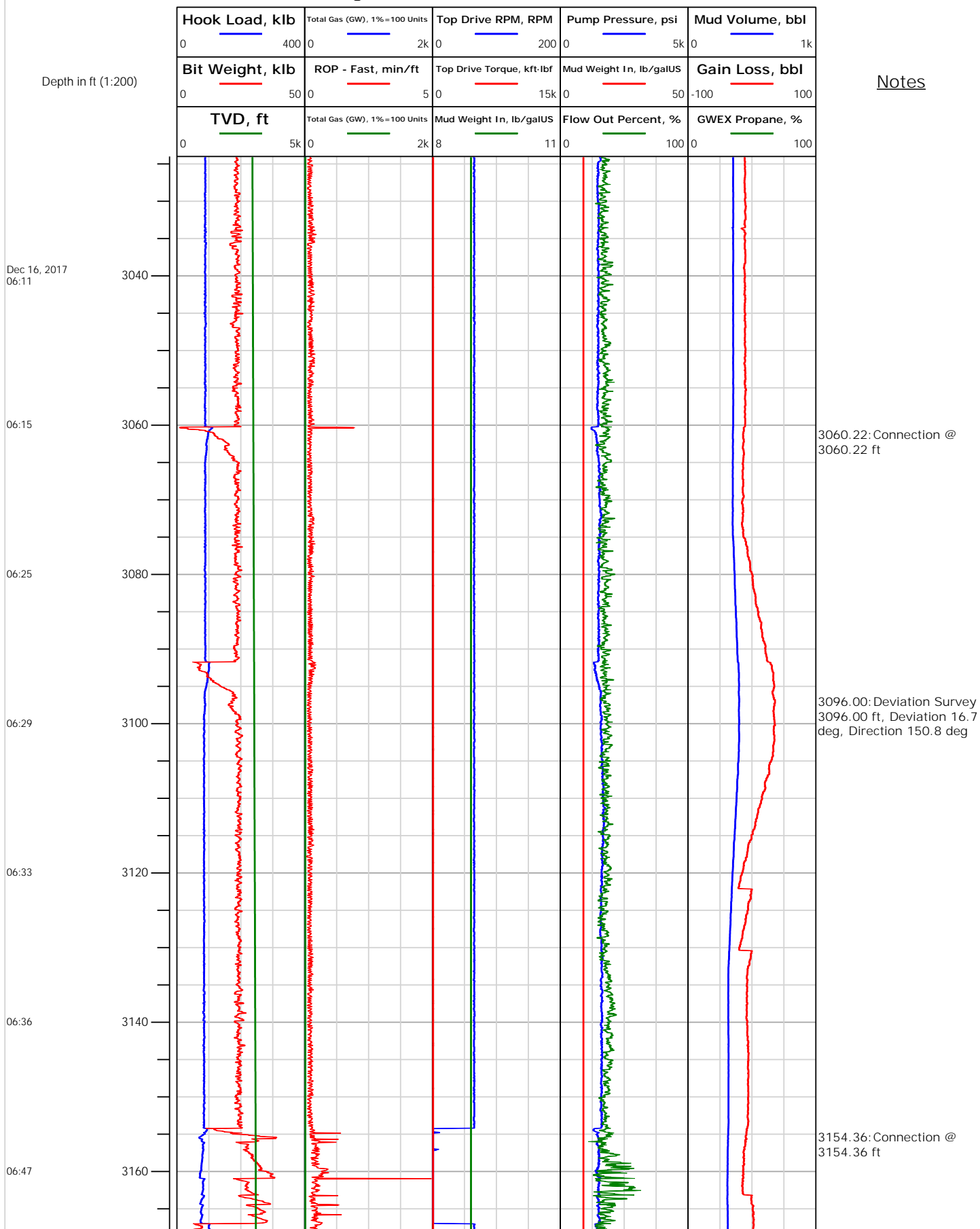
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





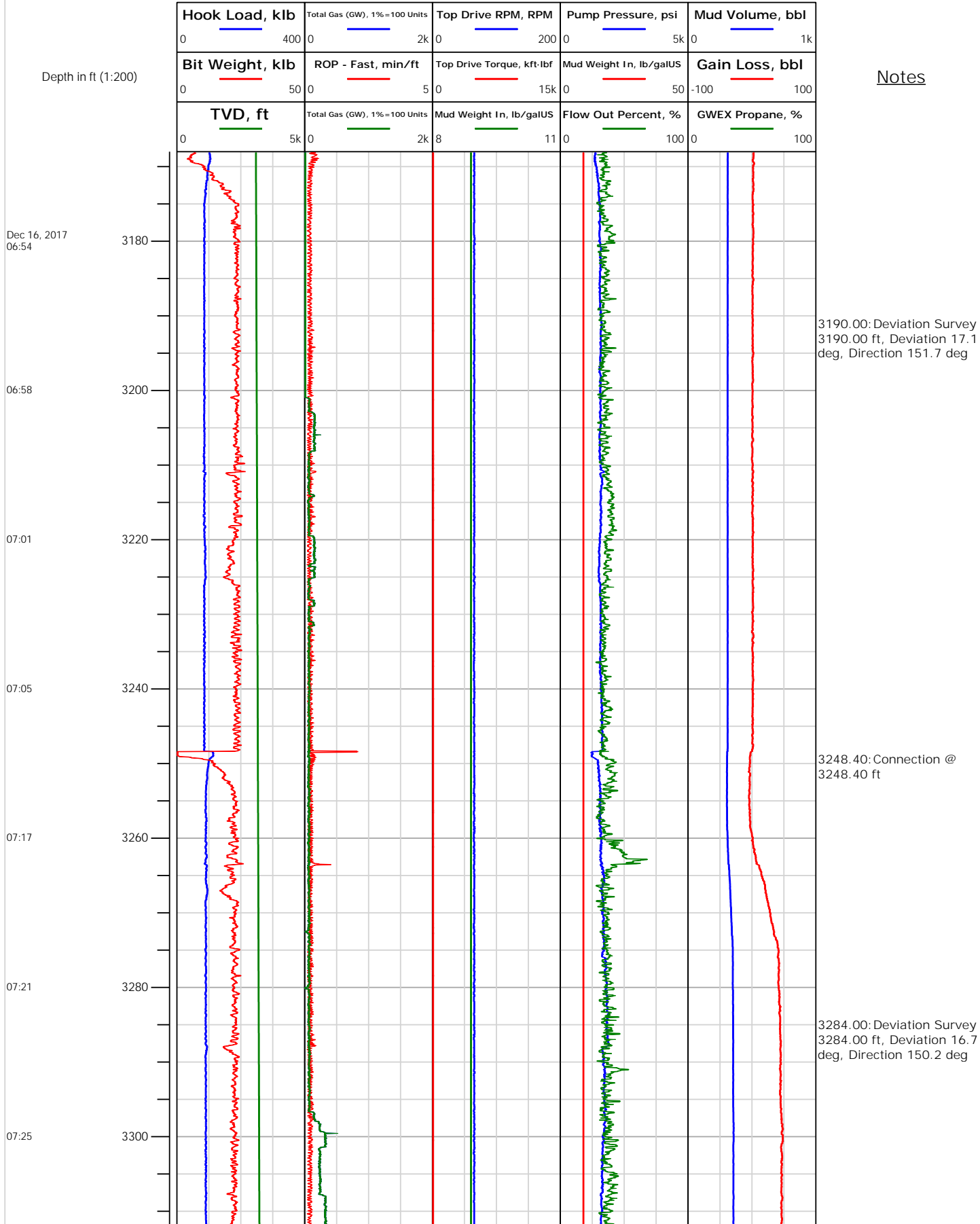
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





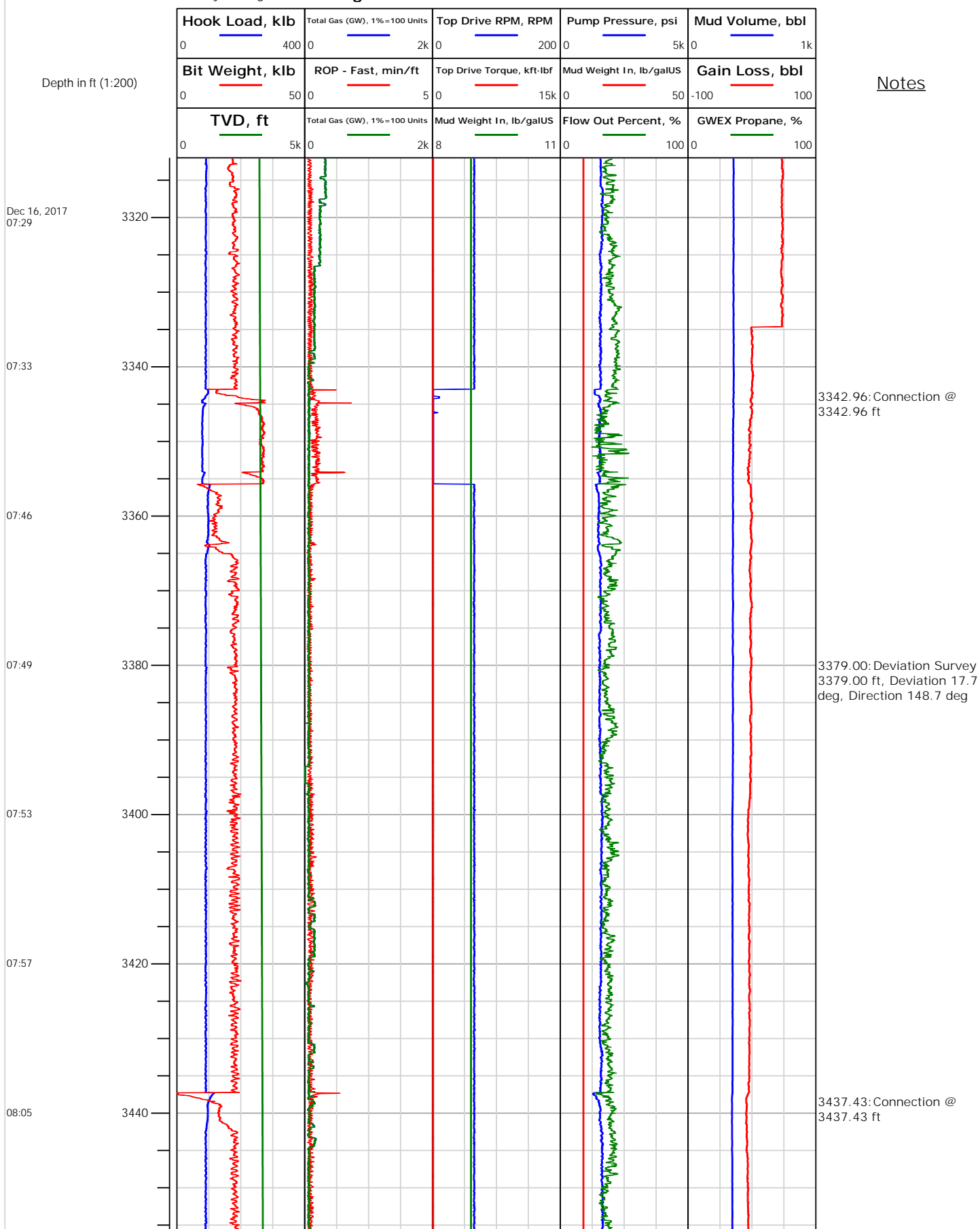
# Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-15E  
Rig: 522

Location:

Notes





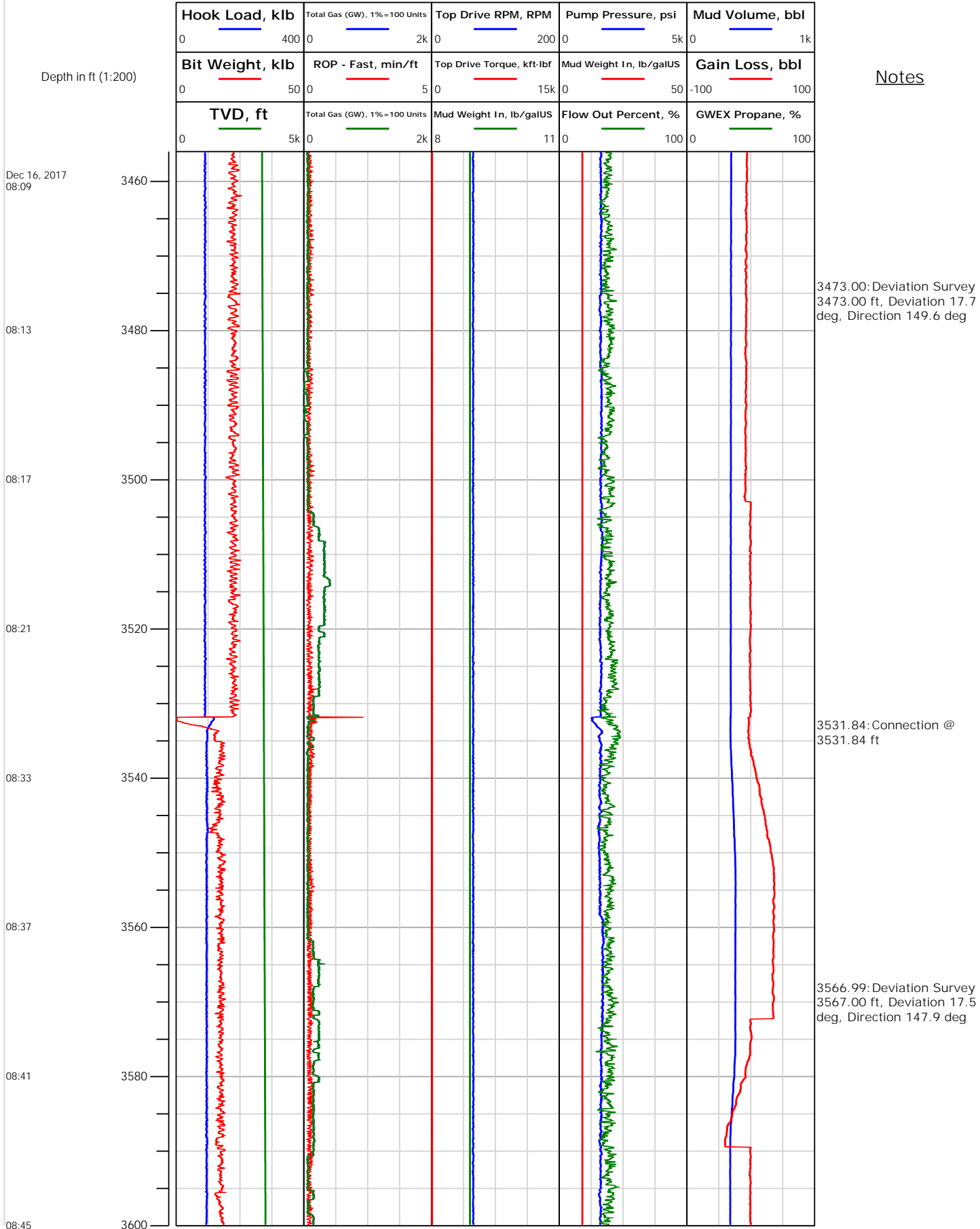
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





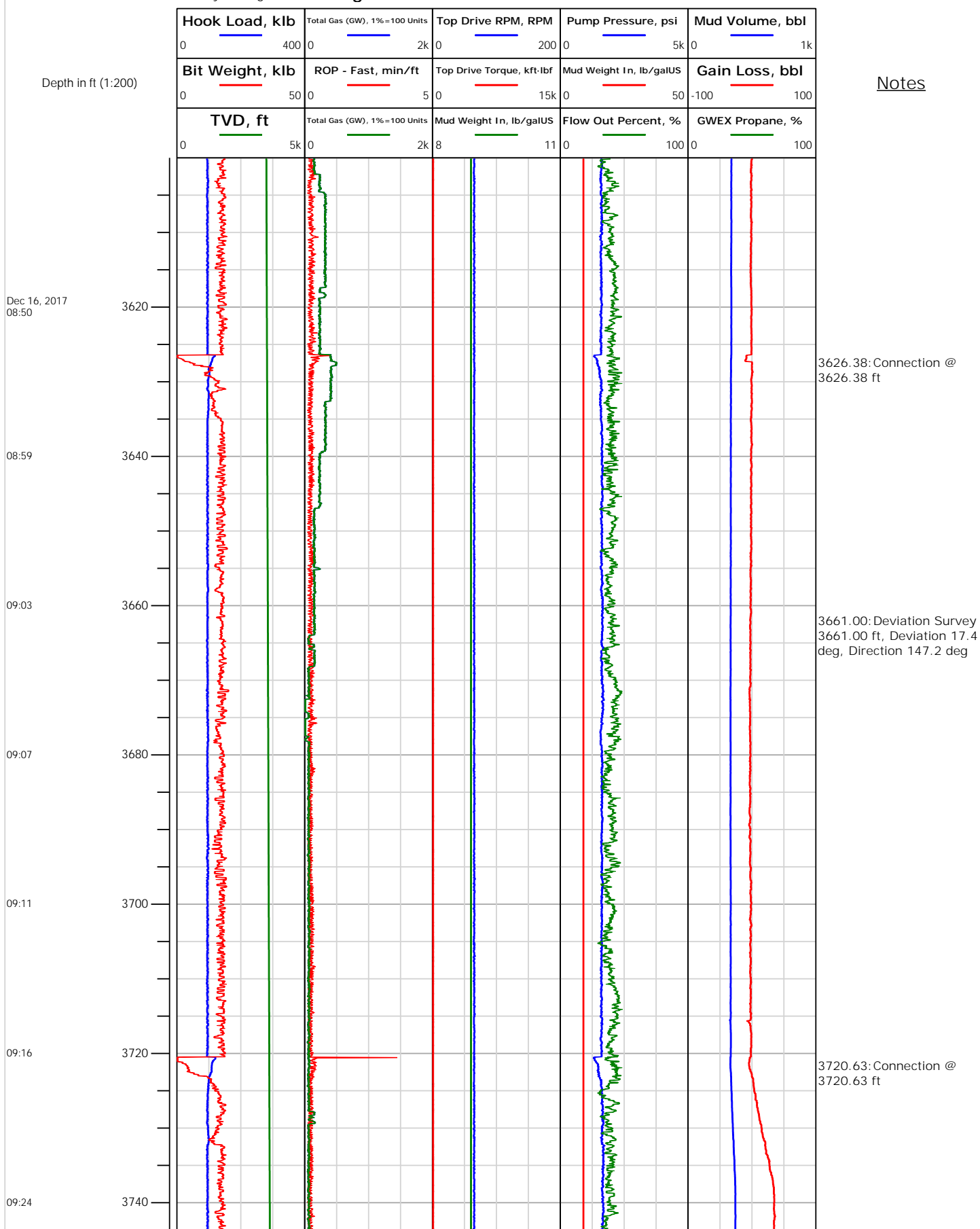
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes







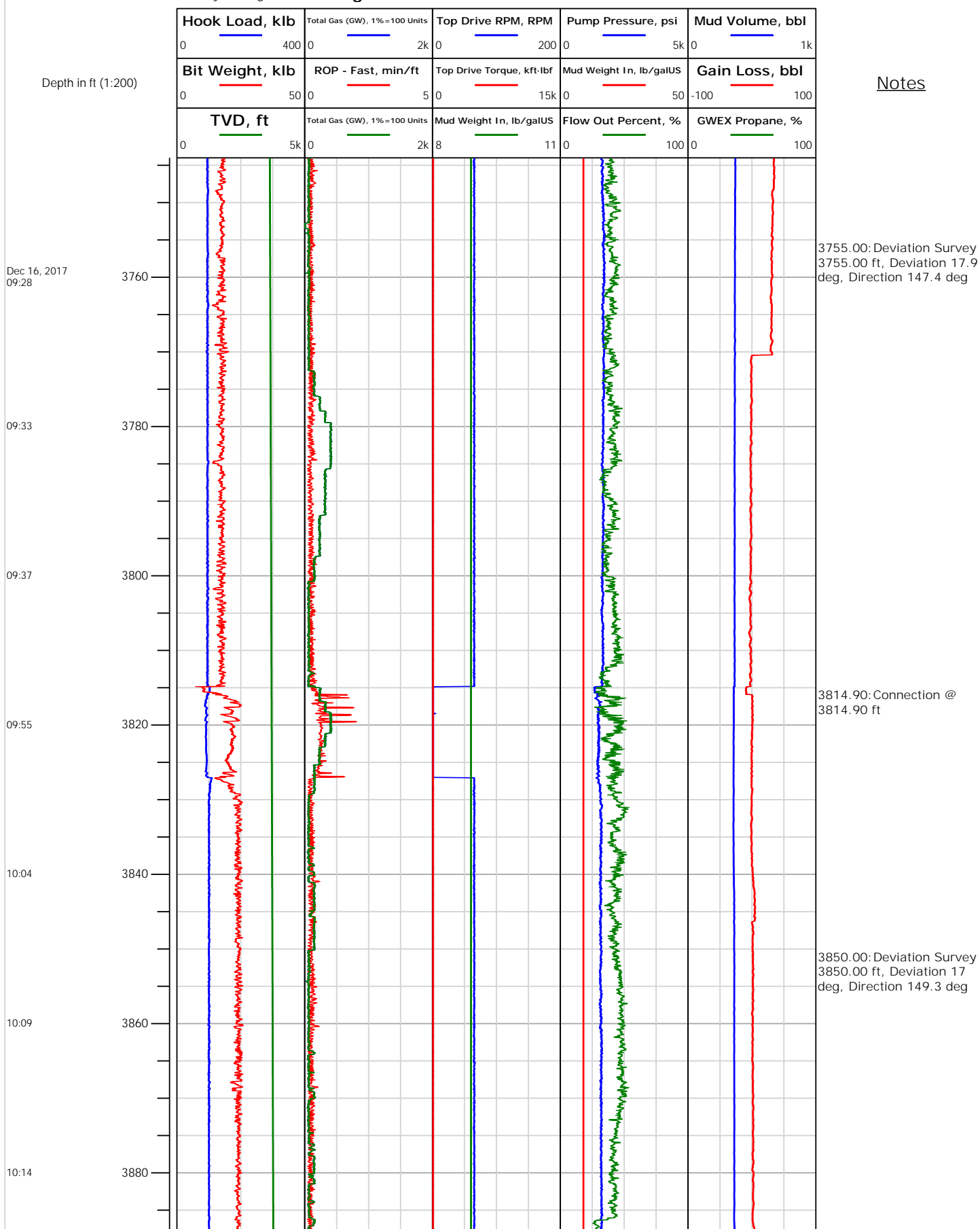
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

## Notes





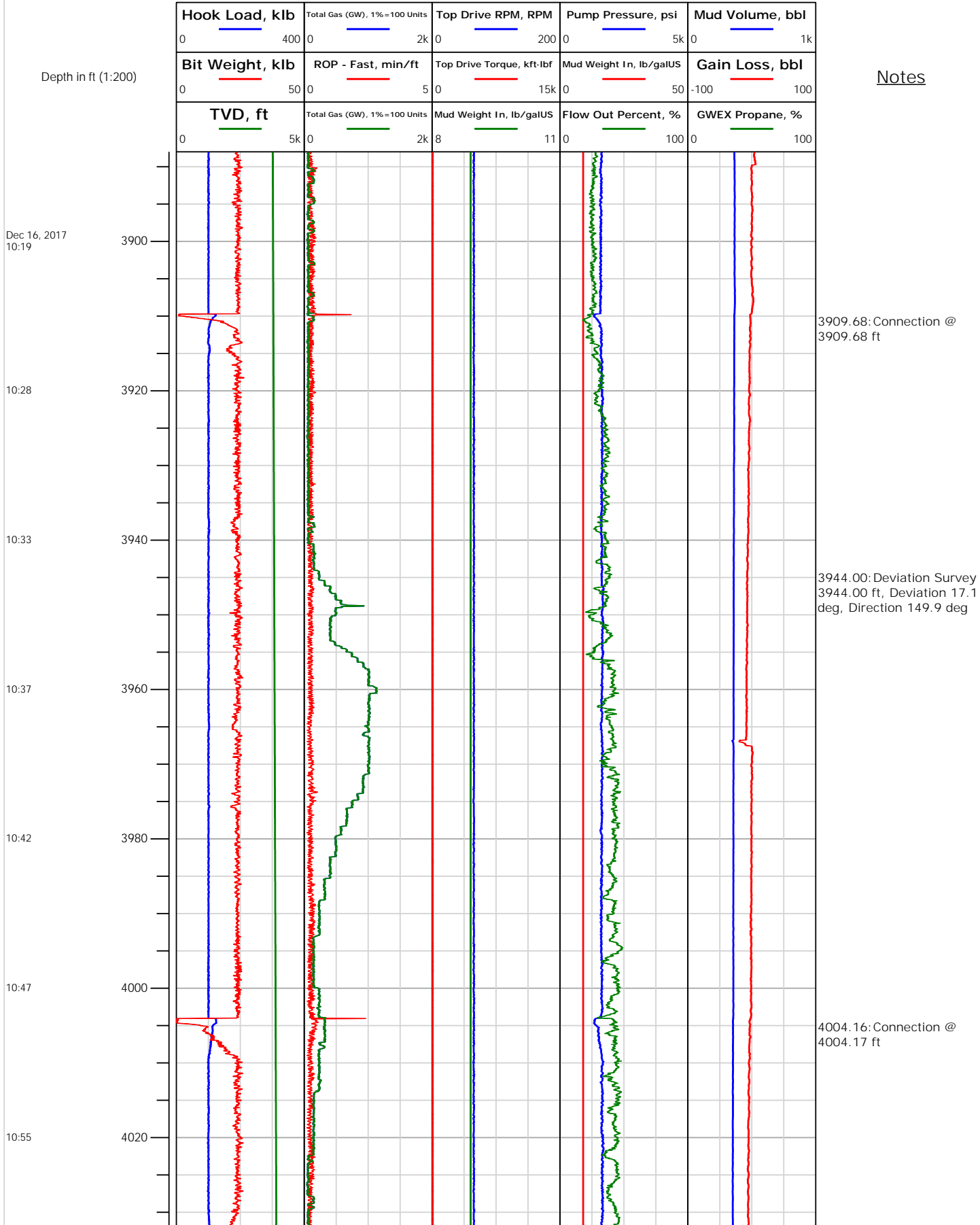
# Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-15E  
Rig: 522

Location:

Notes





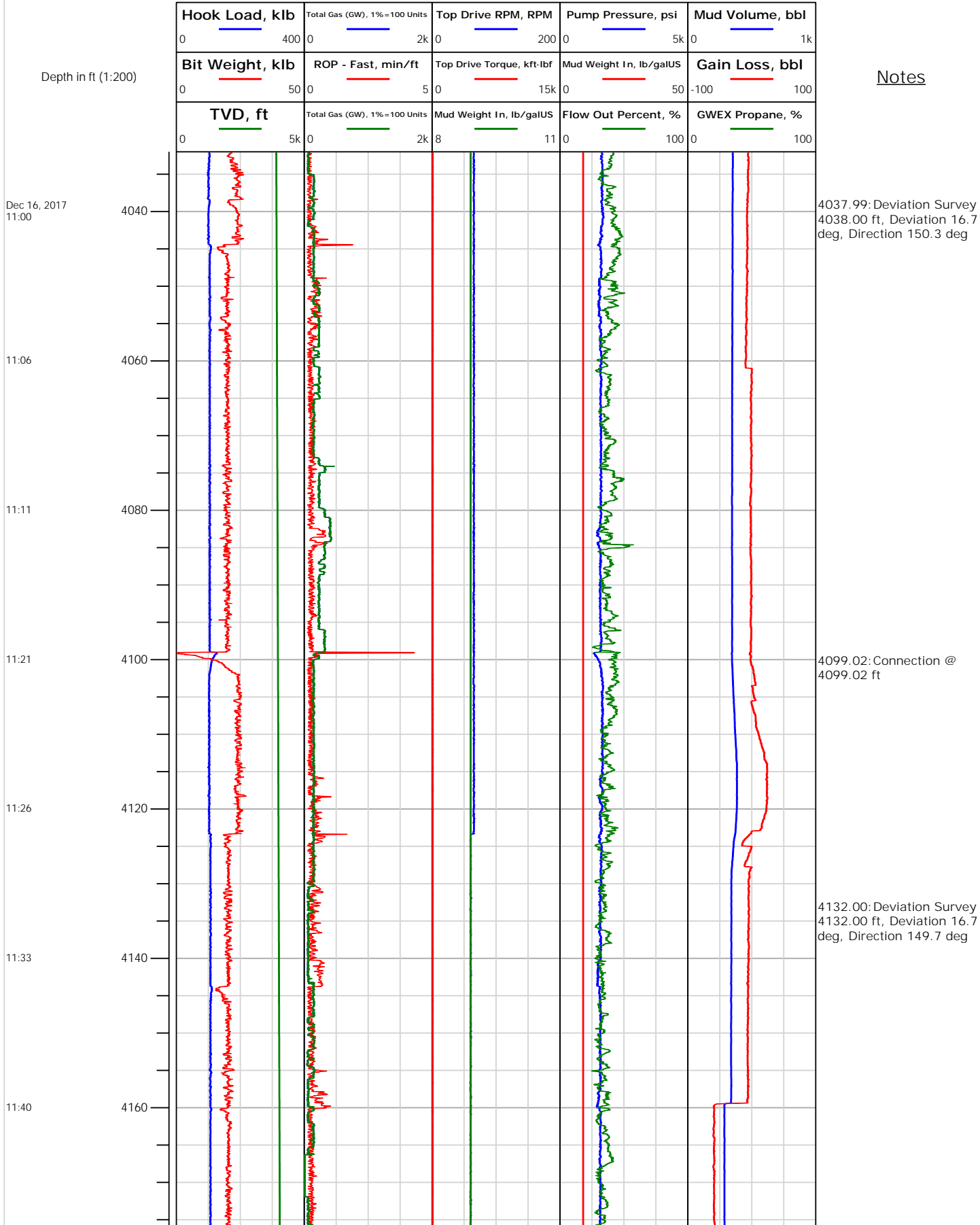
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





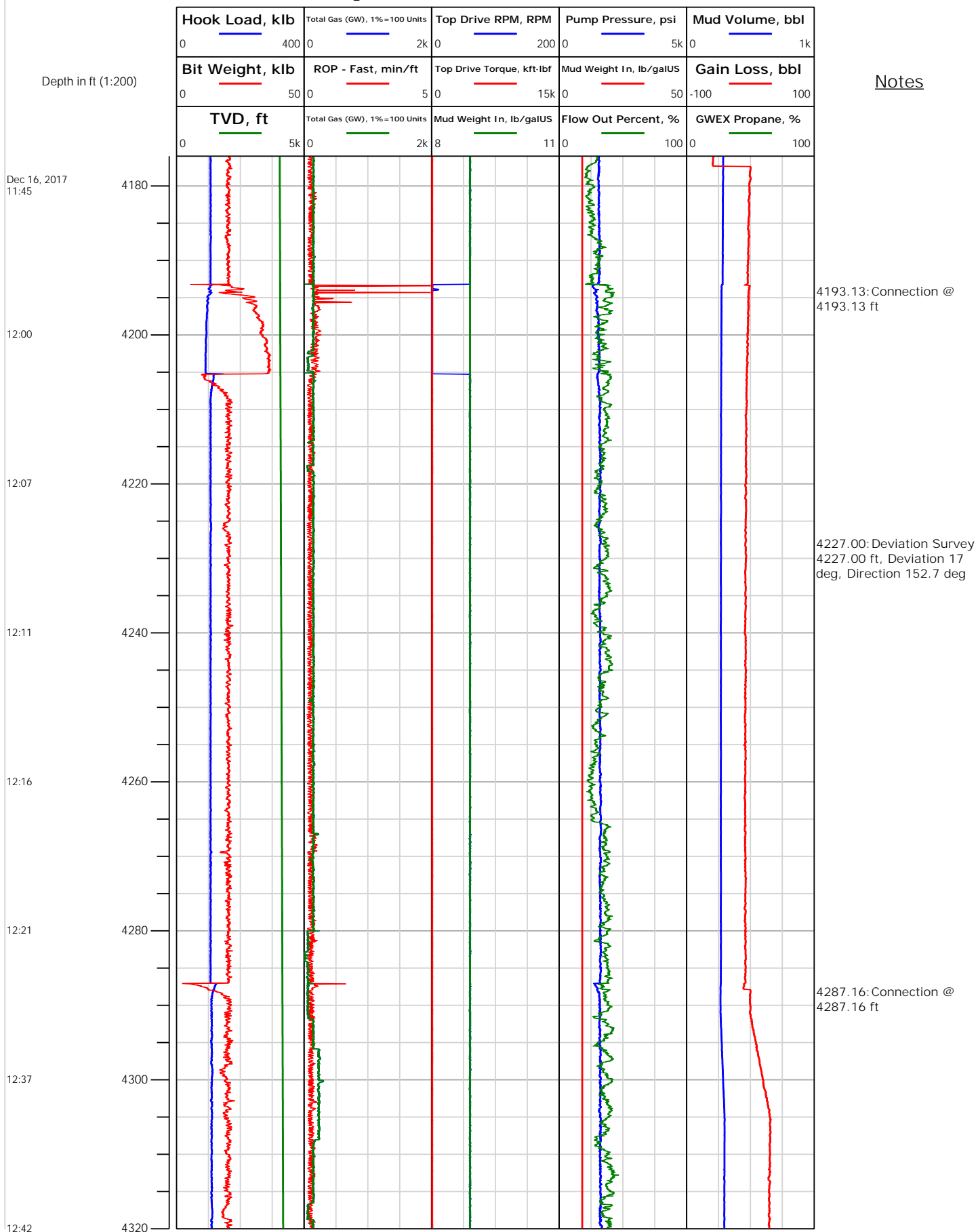
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





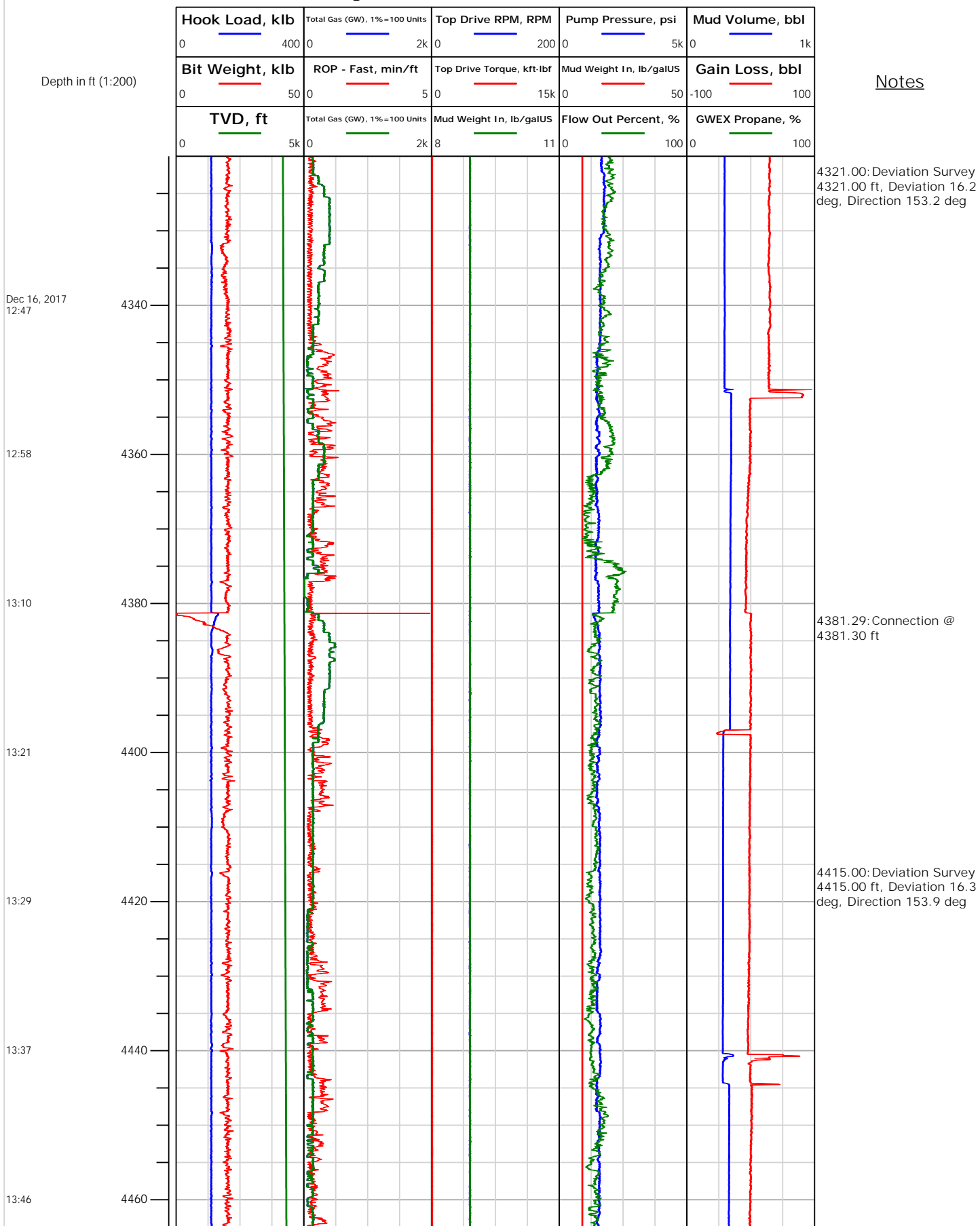
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

## Notes





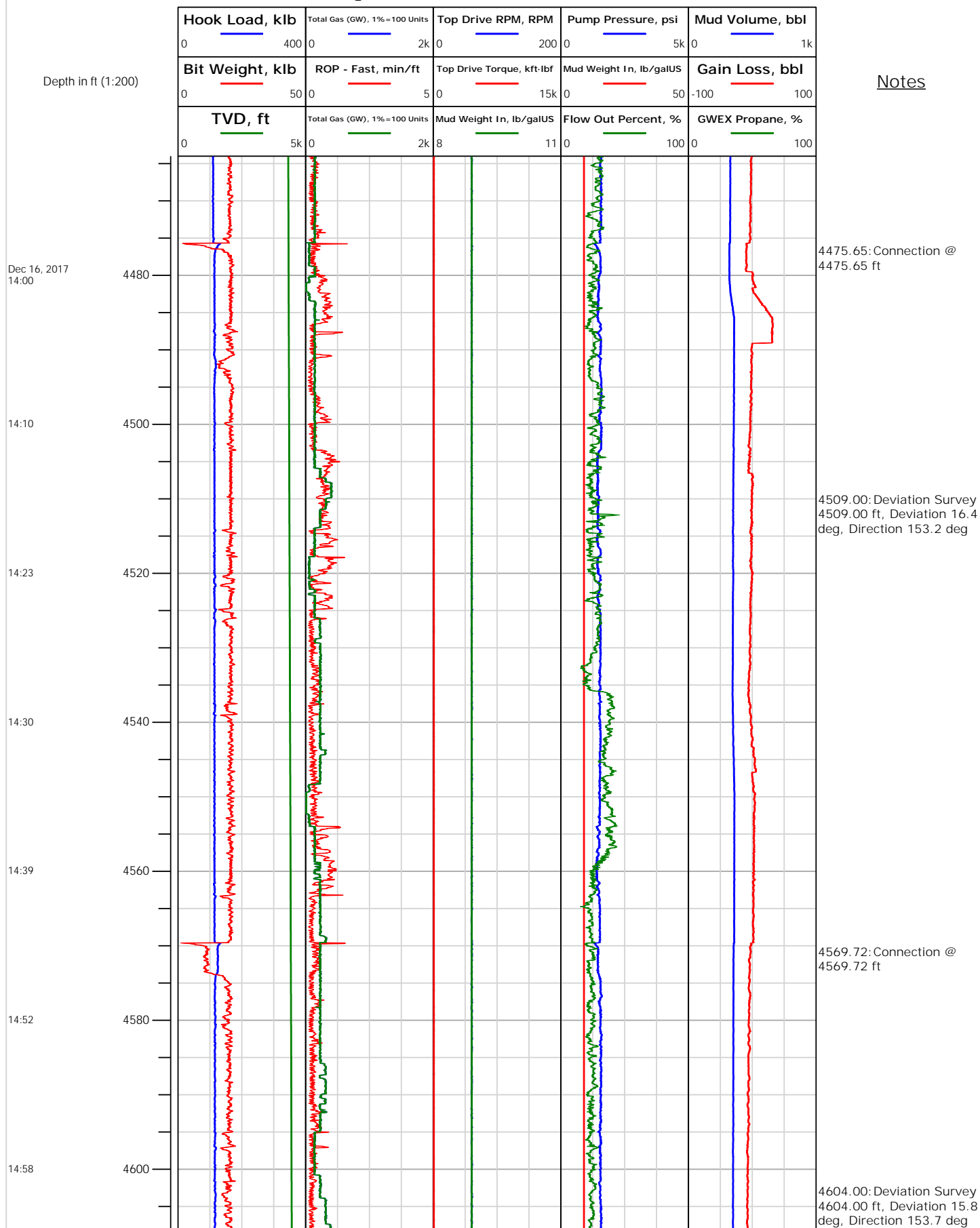
## Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-15E  
Rig: 522

Location:

Notes





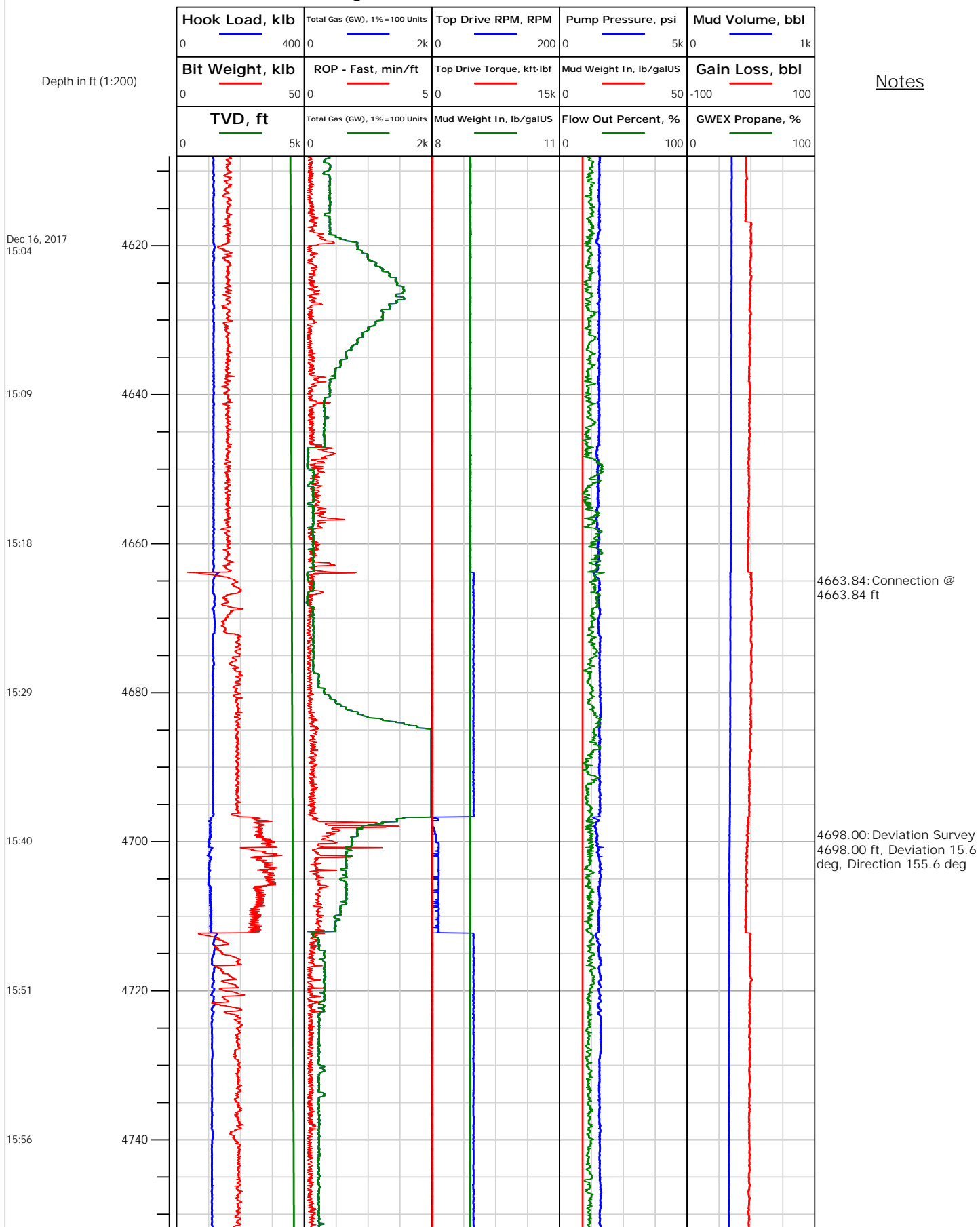
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





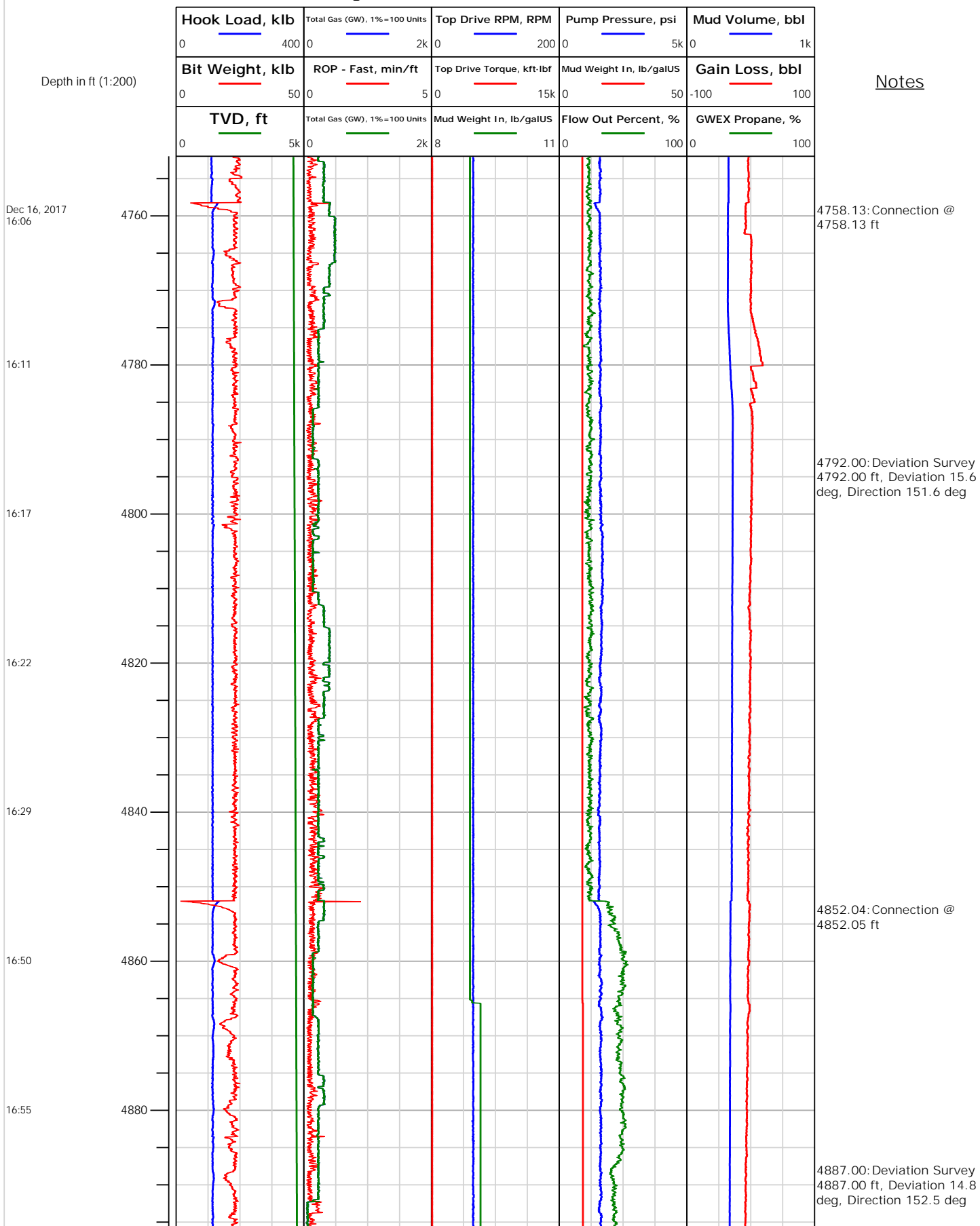
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes







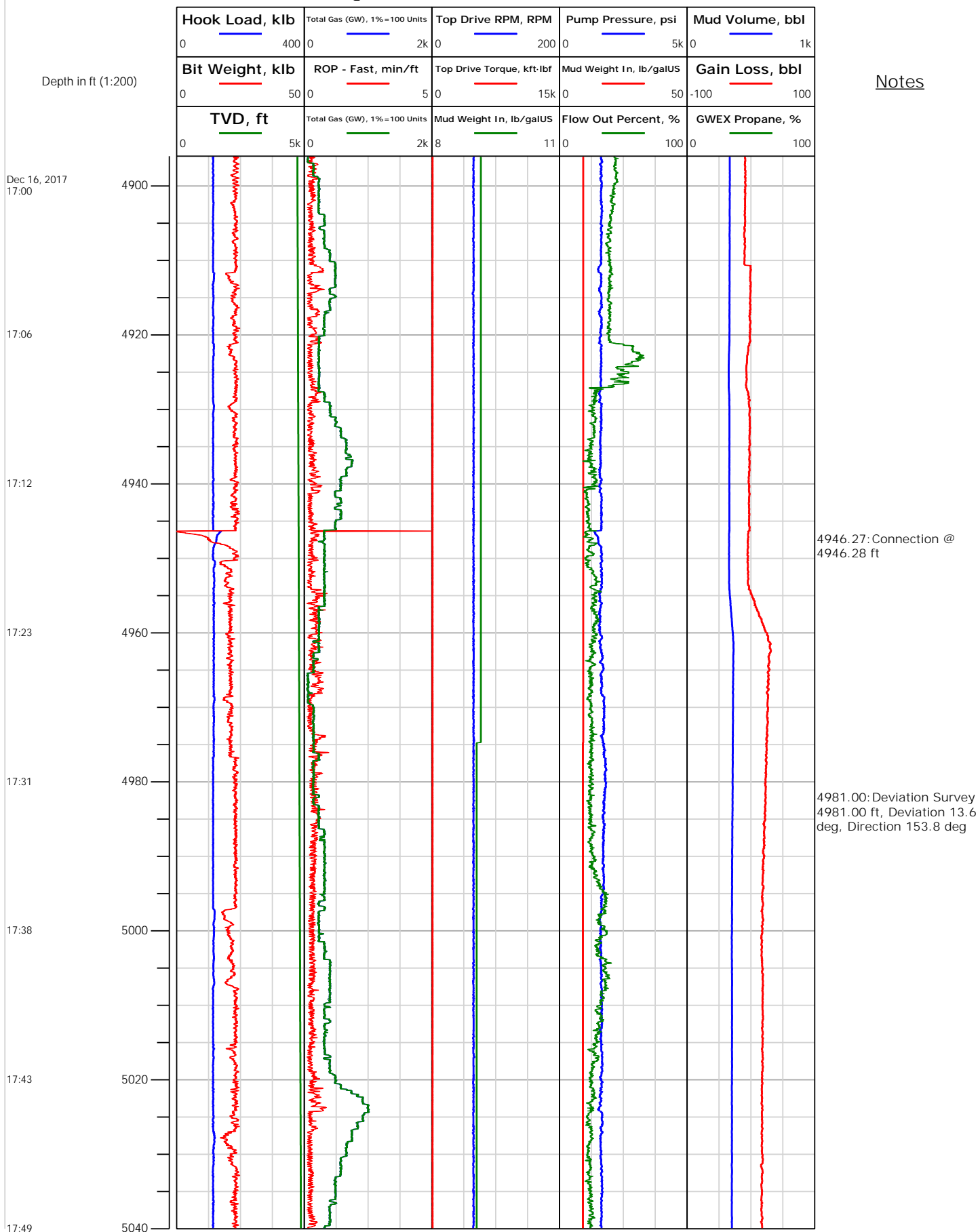
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





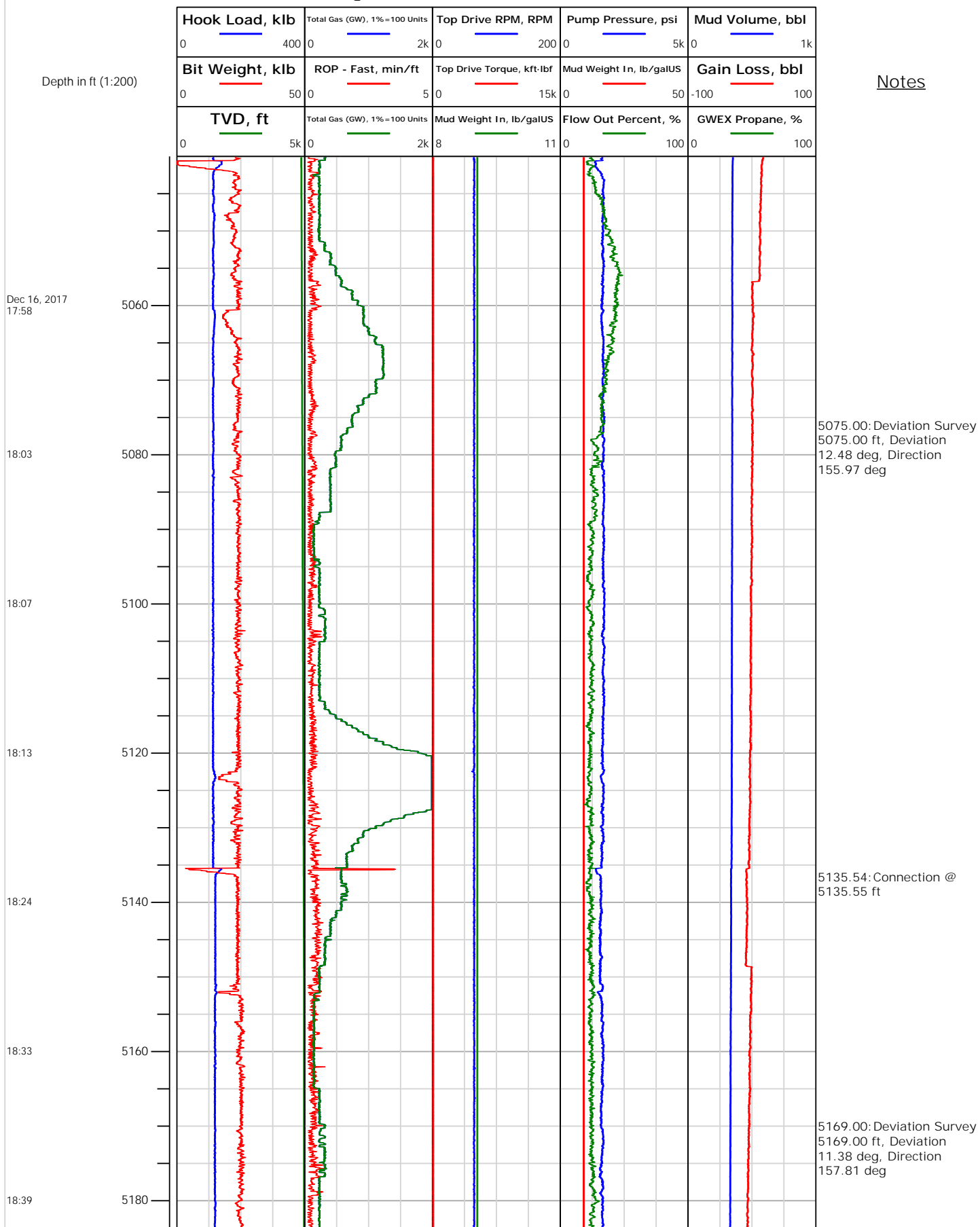
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





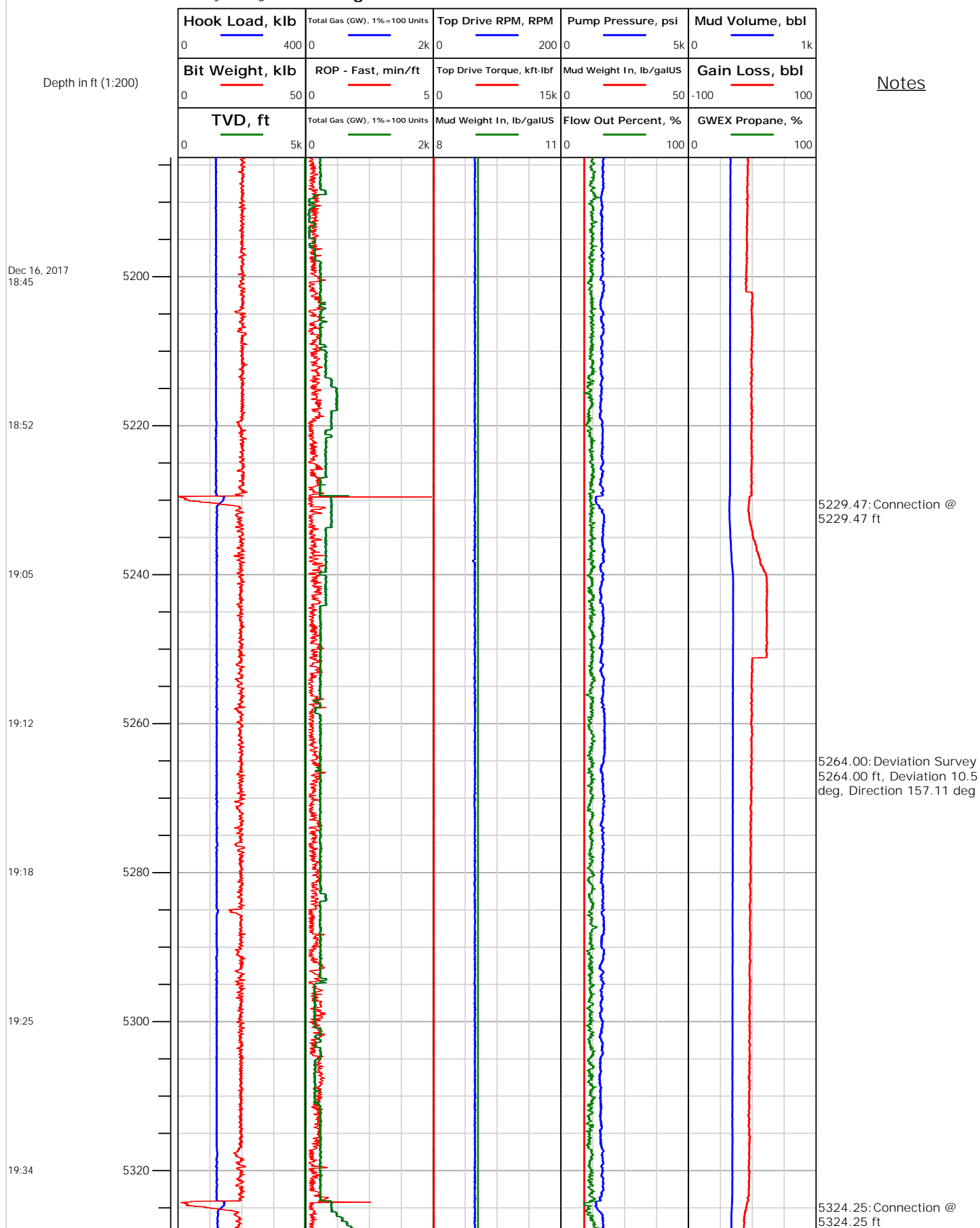
## Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-15E  
Rig: 522

Location:

Notes





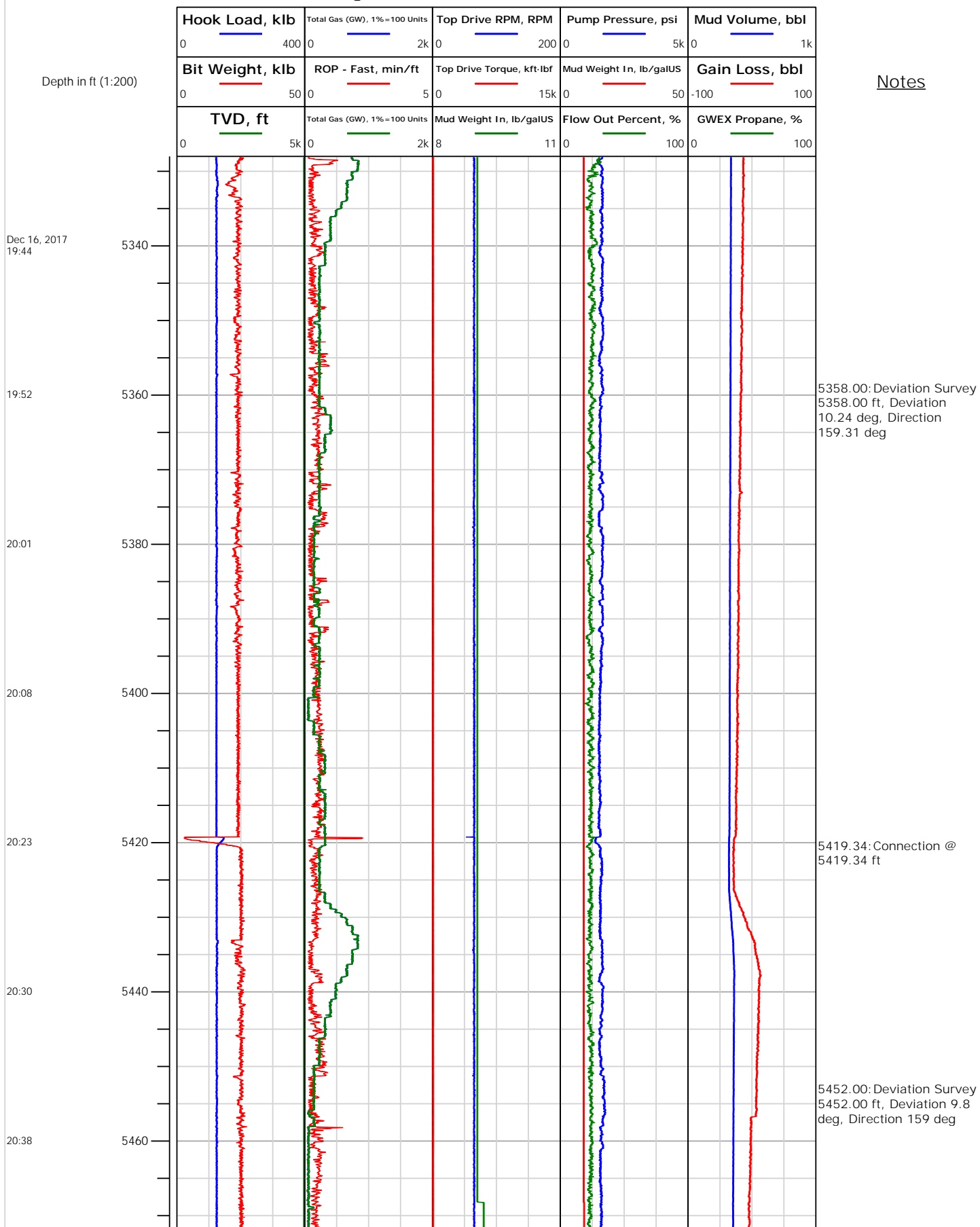
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





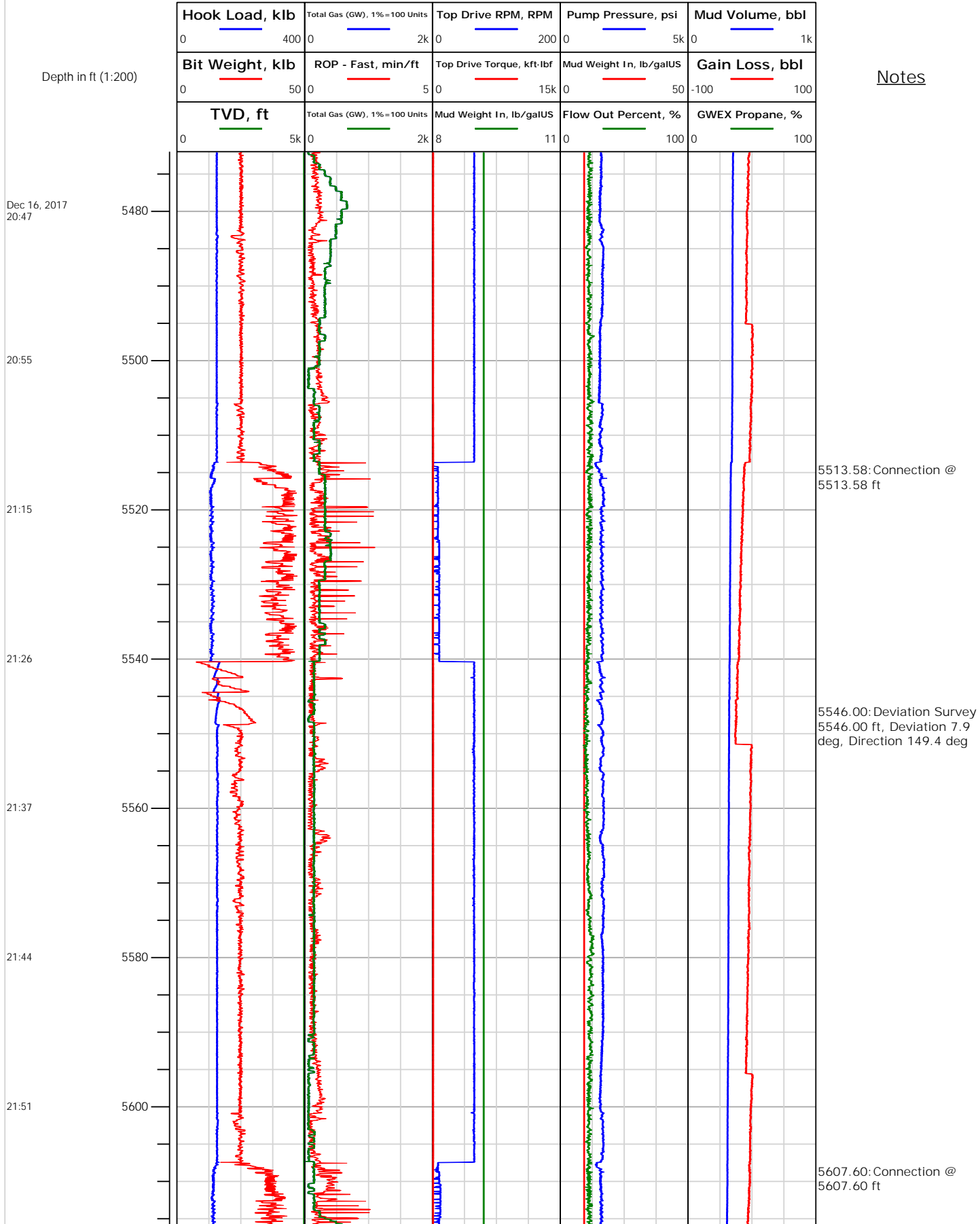
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**Operator:** Laramie Energy  
**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





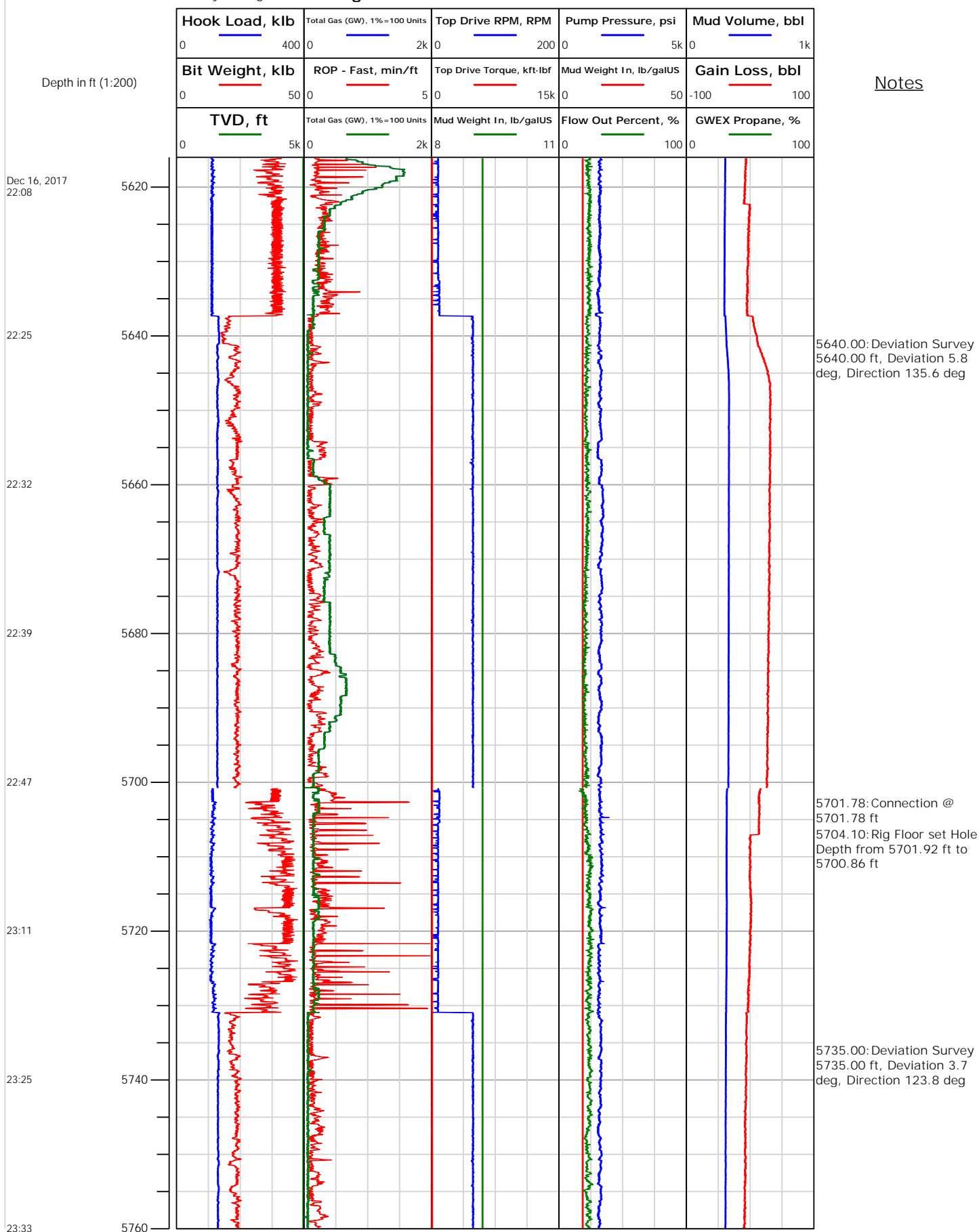
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





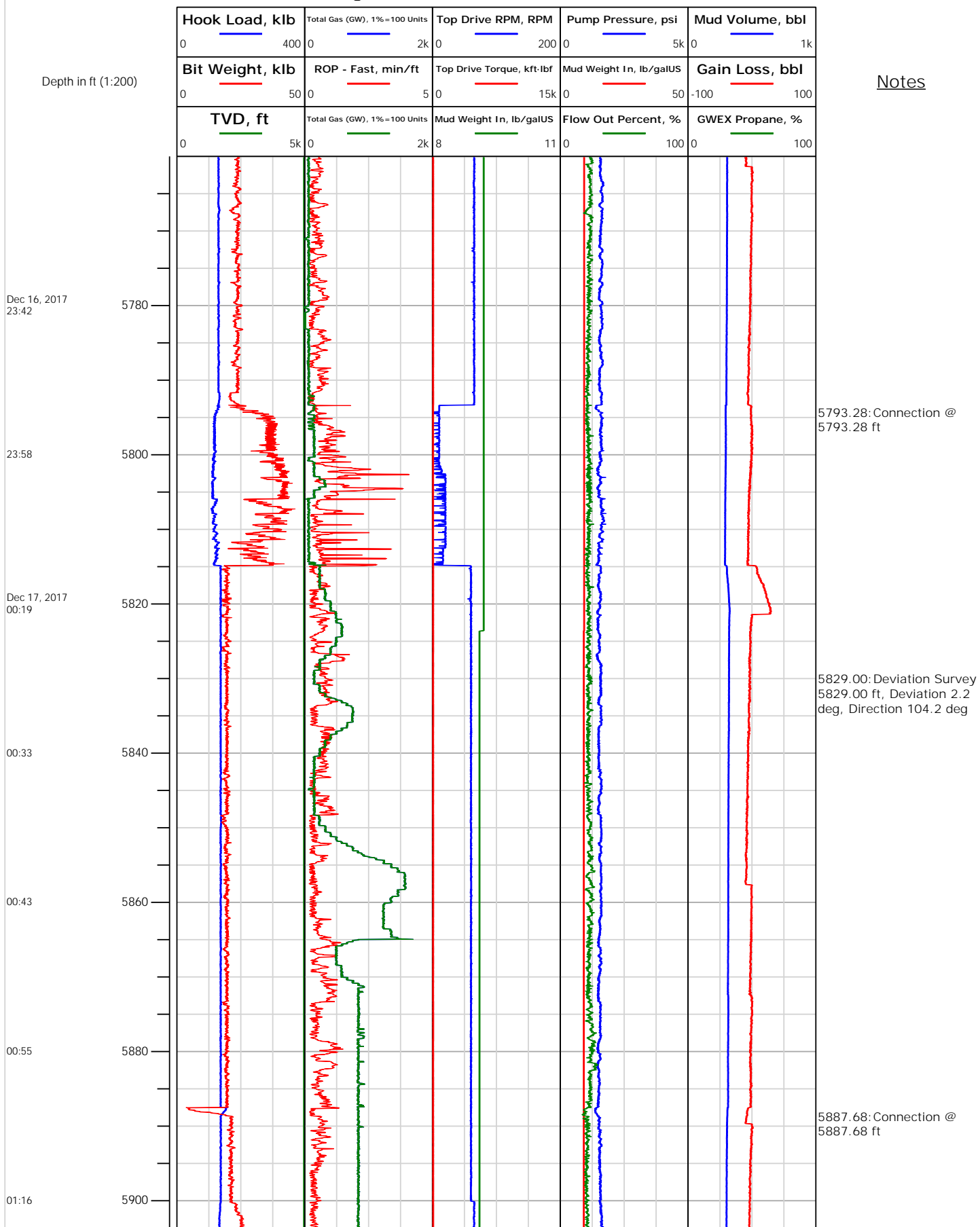
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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





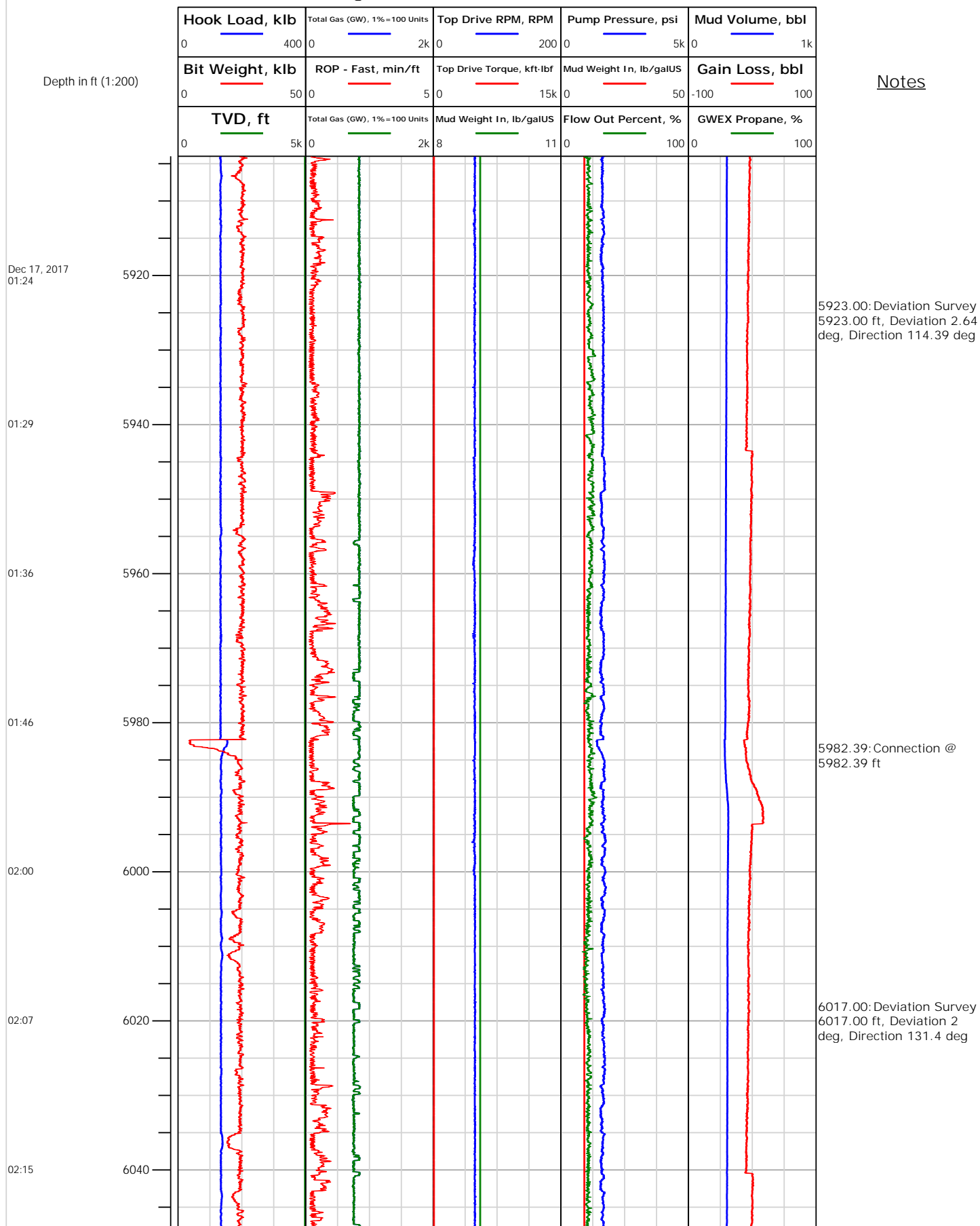
## Electronic Drilling Recorder

Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-15E  
Rig: 522

Location:

Notes







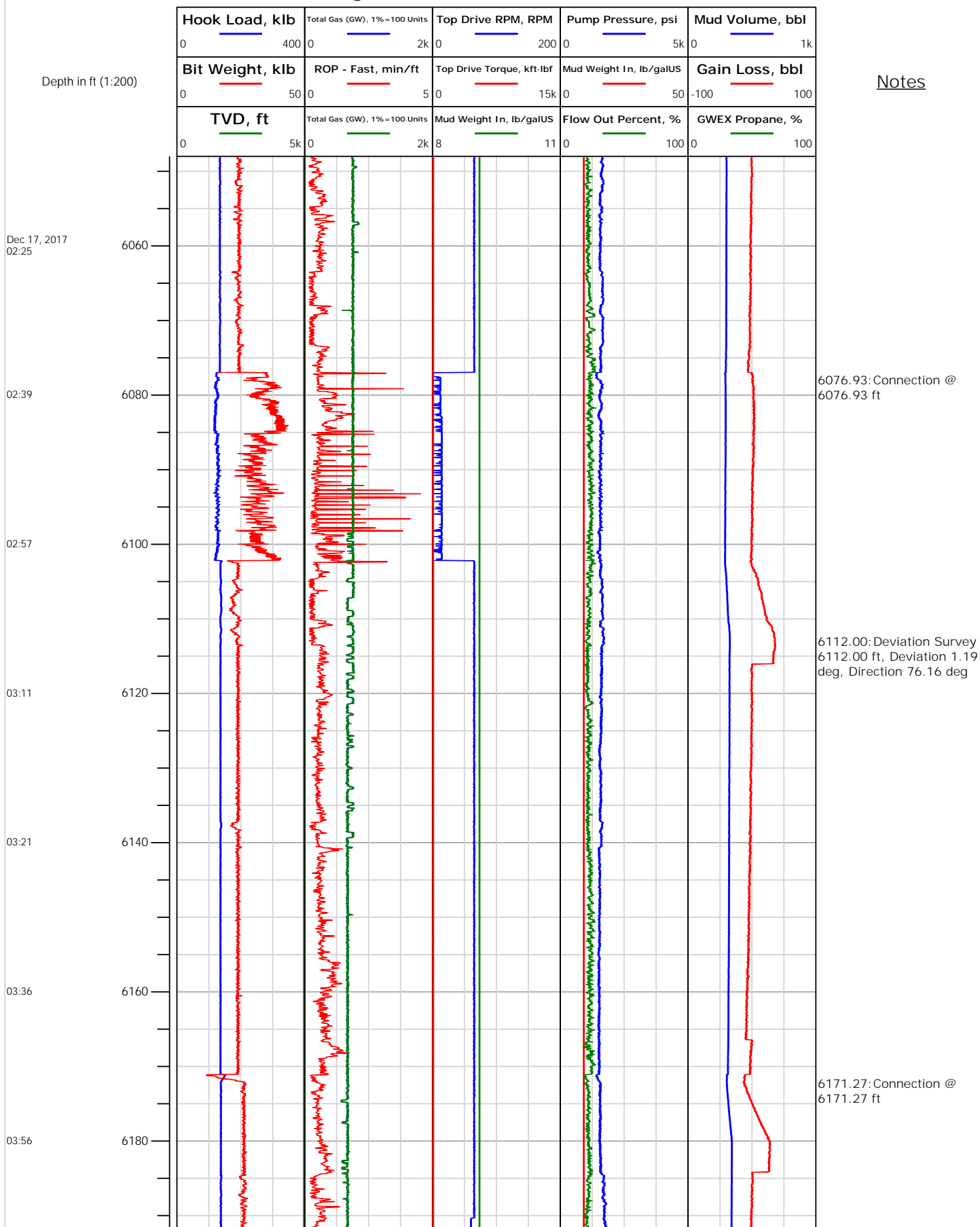
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**Operator:** Laramie Energy  
**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





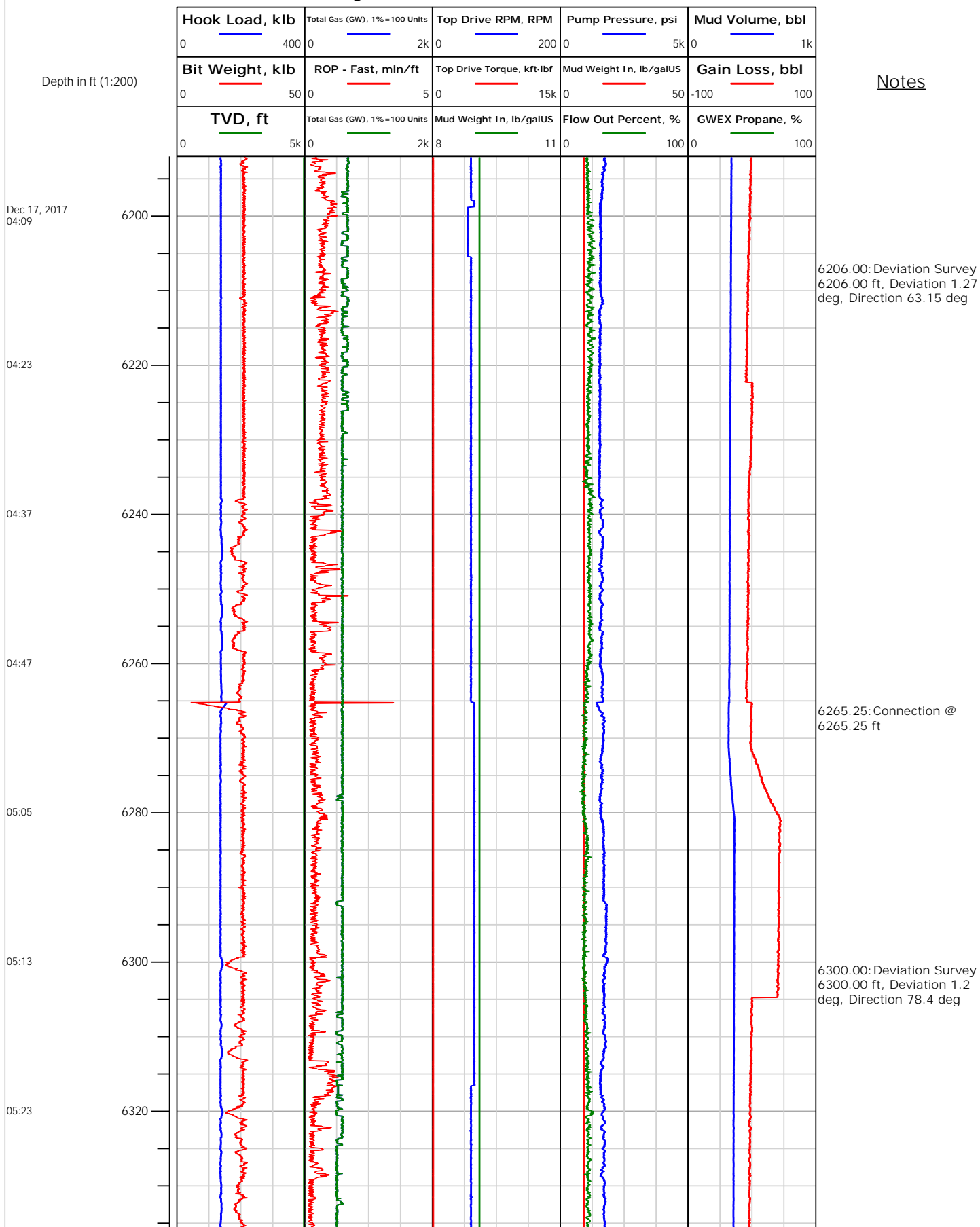
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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





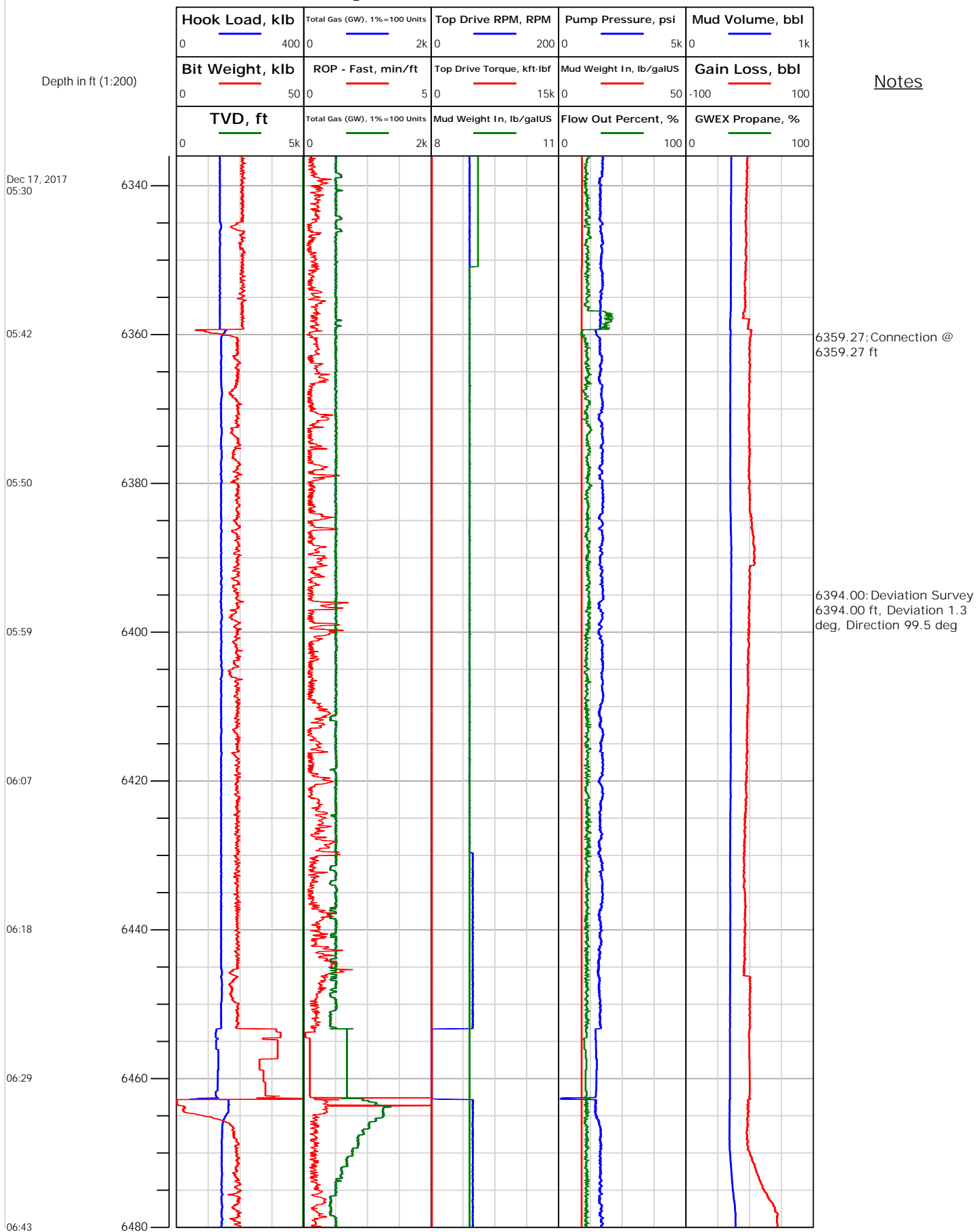
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**Contractor:** Helmerich & Payne Drlg Co

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





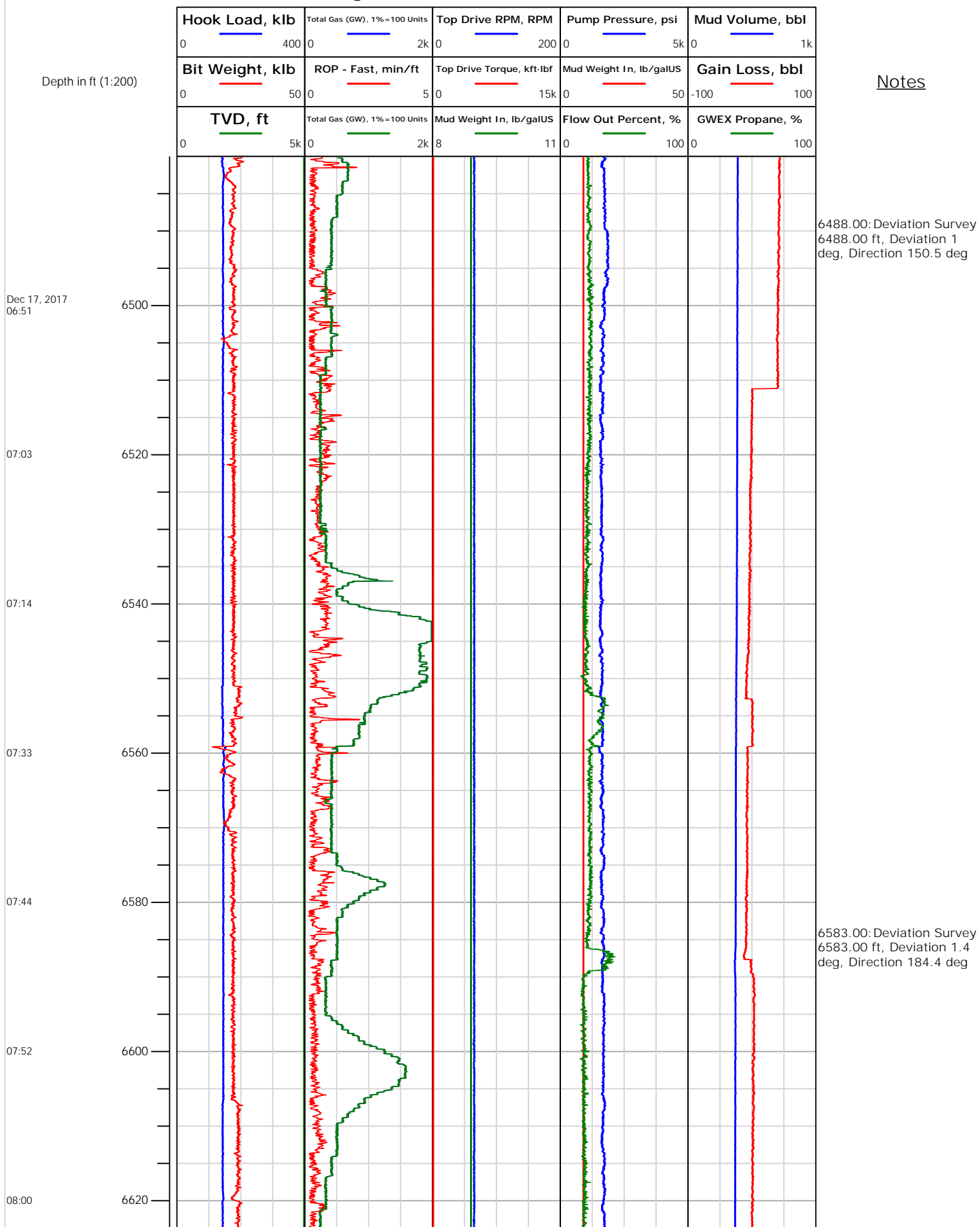
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





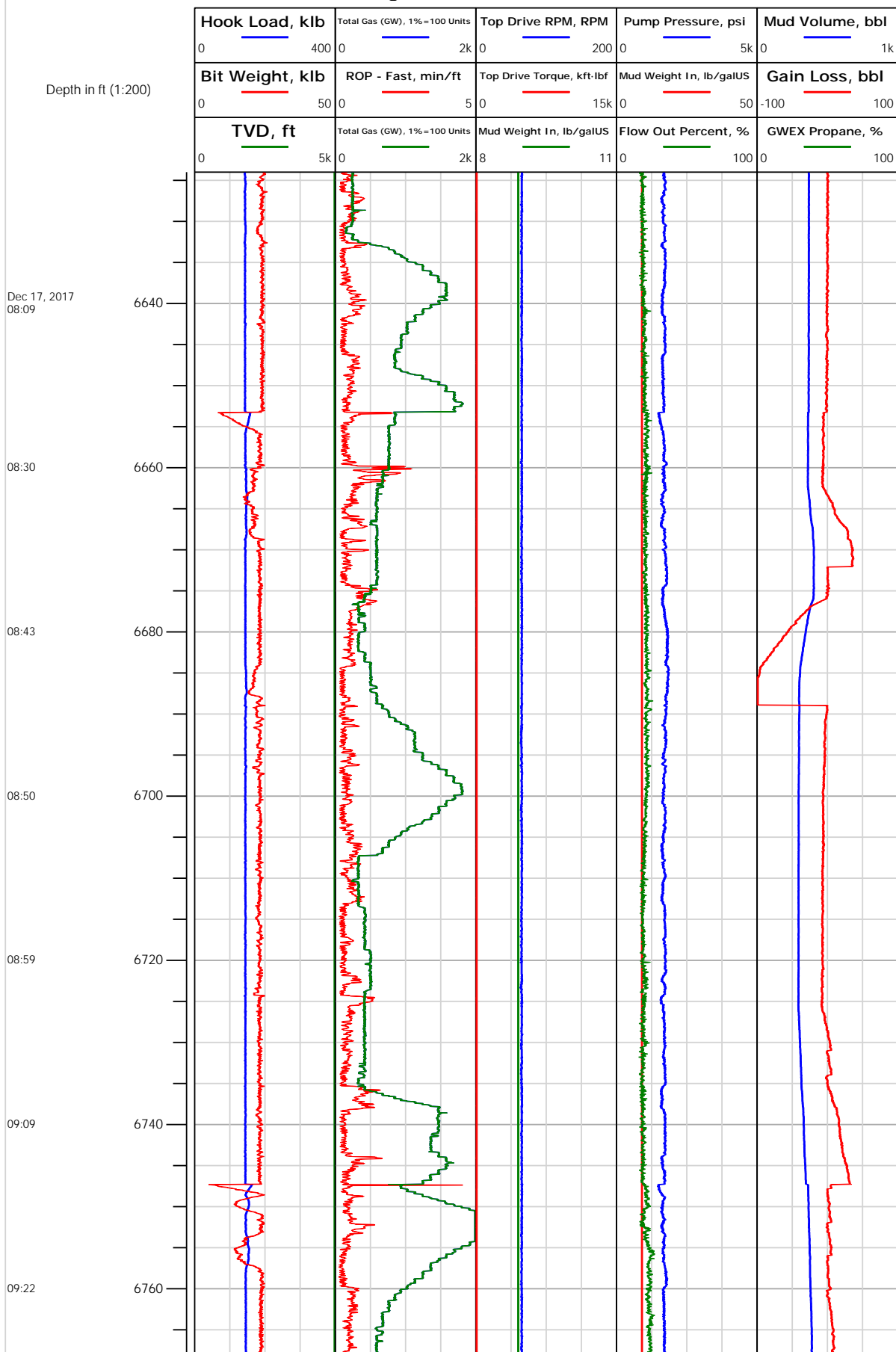
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





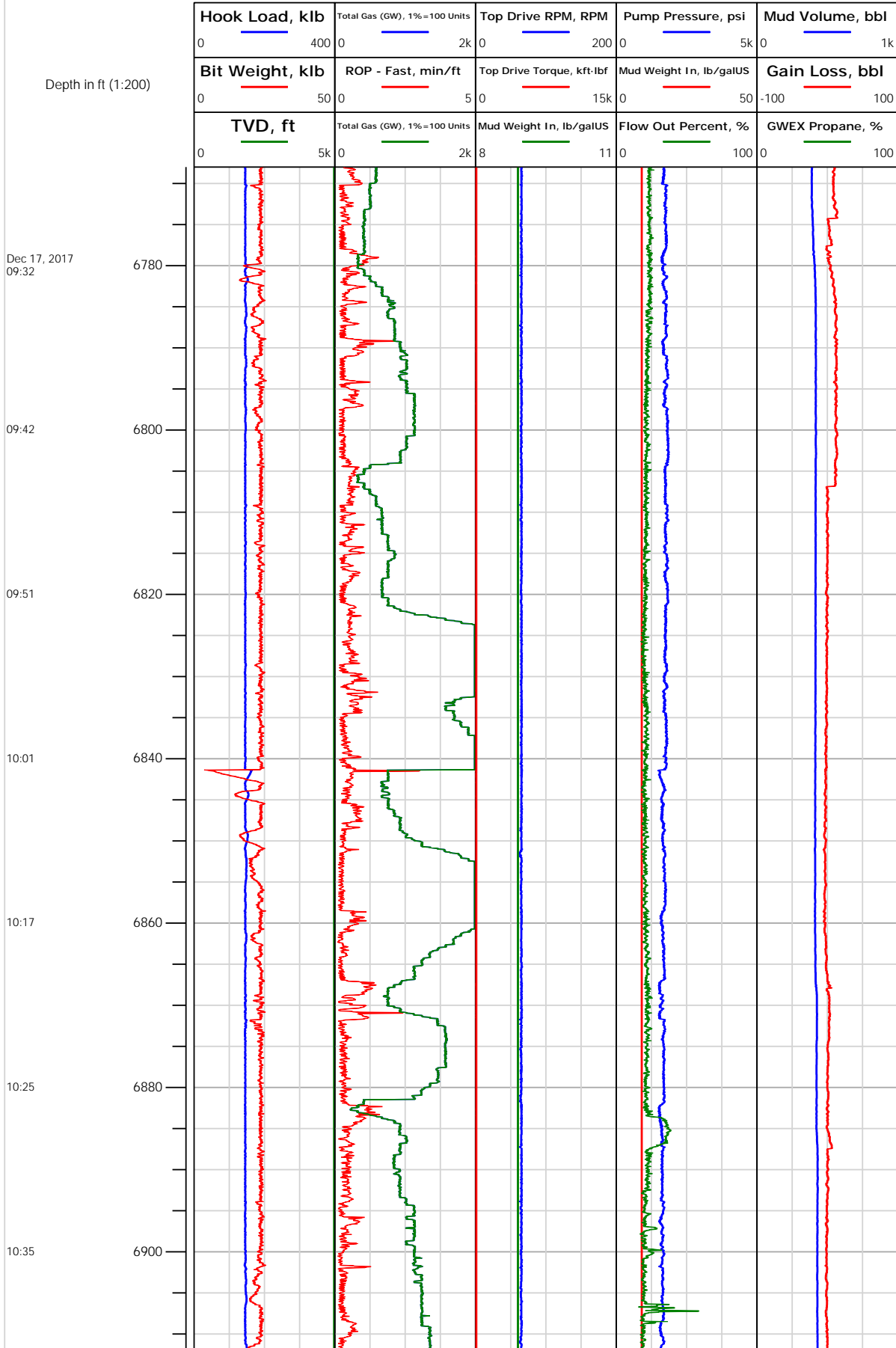
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes



6771.00: Deviation Survey  
 6771.00 ft, Deviation 2.2 deg, Direction 186.4 deg

6864.99: Deviation Survey  
 6865.00 ft, Deviation 1.8 deg, Direction 189.1 deg



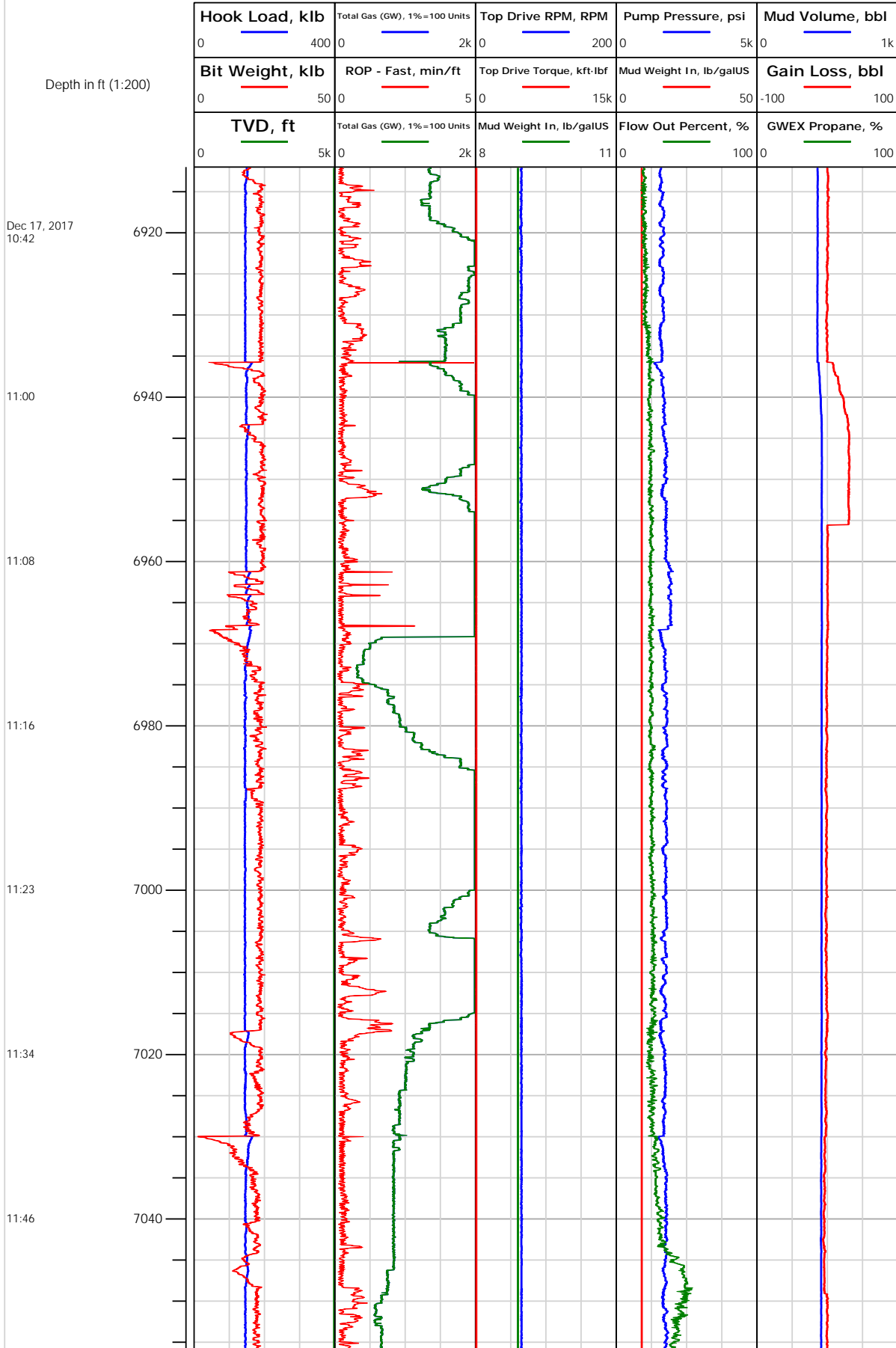
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





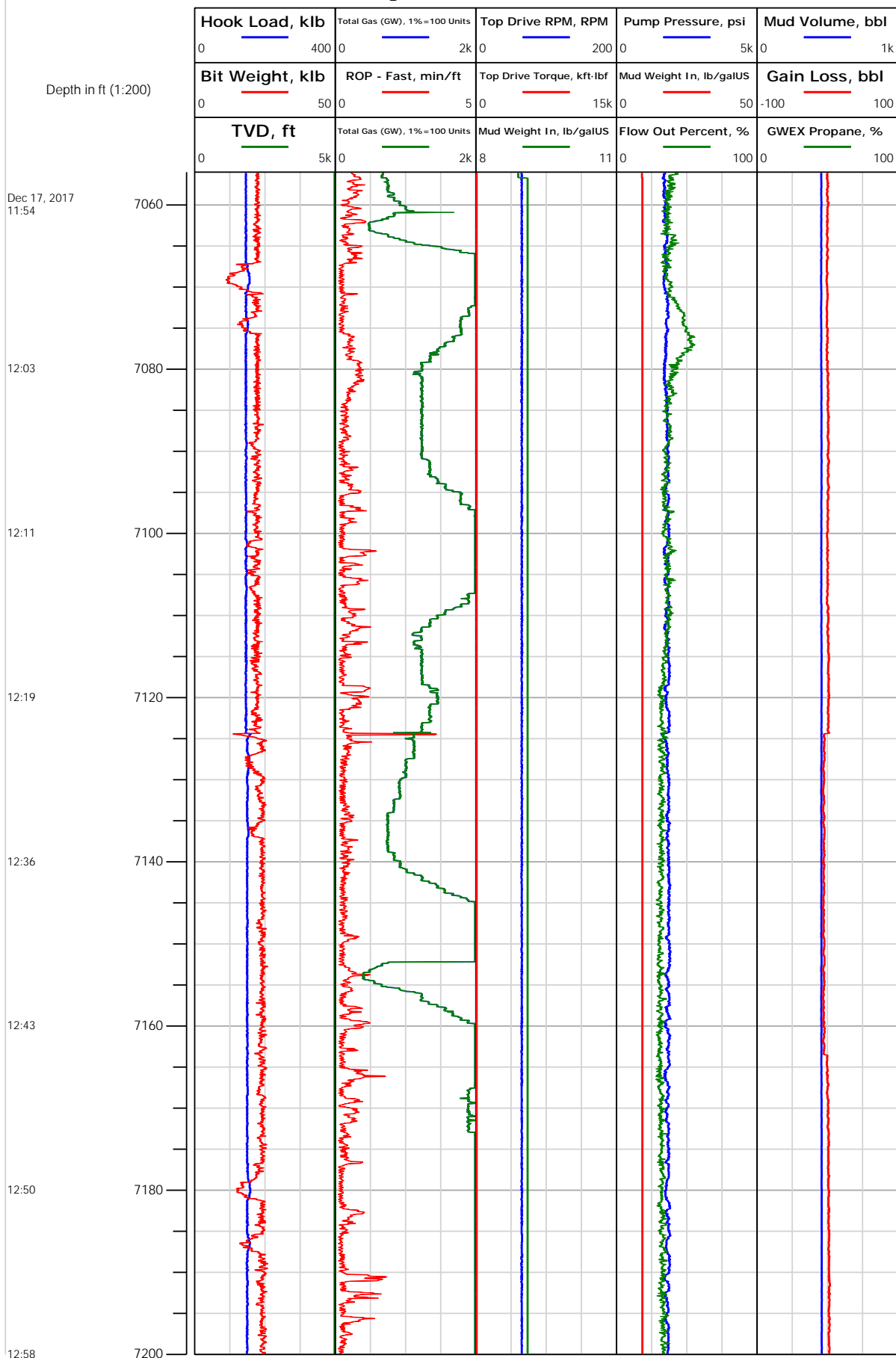
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes



7148.00: Deviation Survey  
 7148.00 ft, Deviation 2.2  
 deg, Direction 215.7 deg





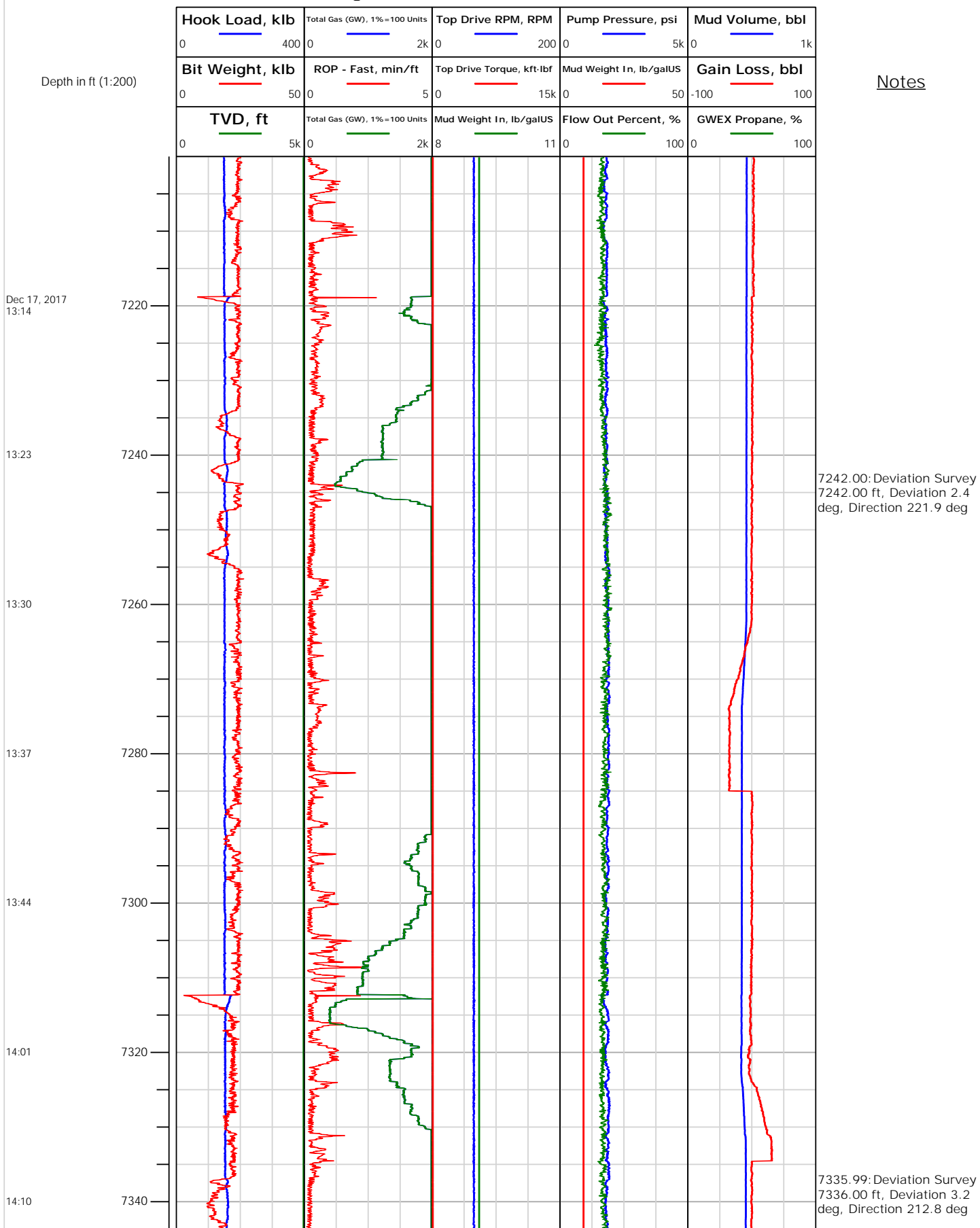
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





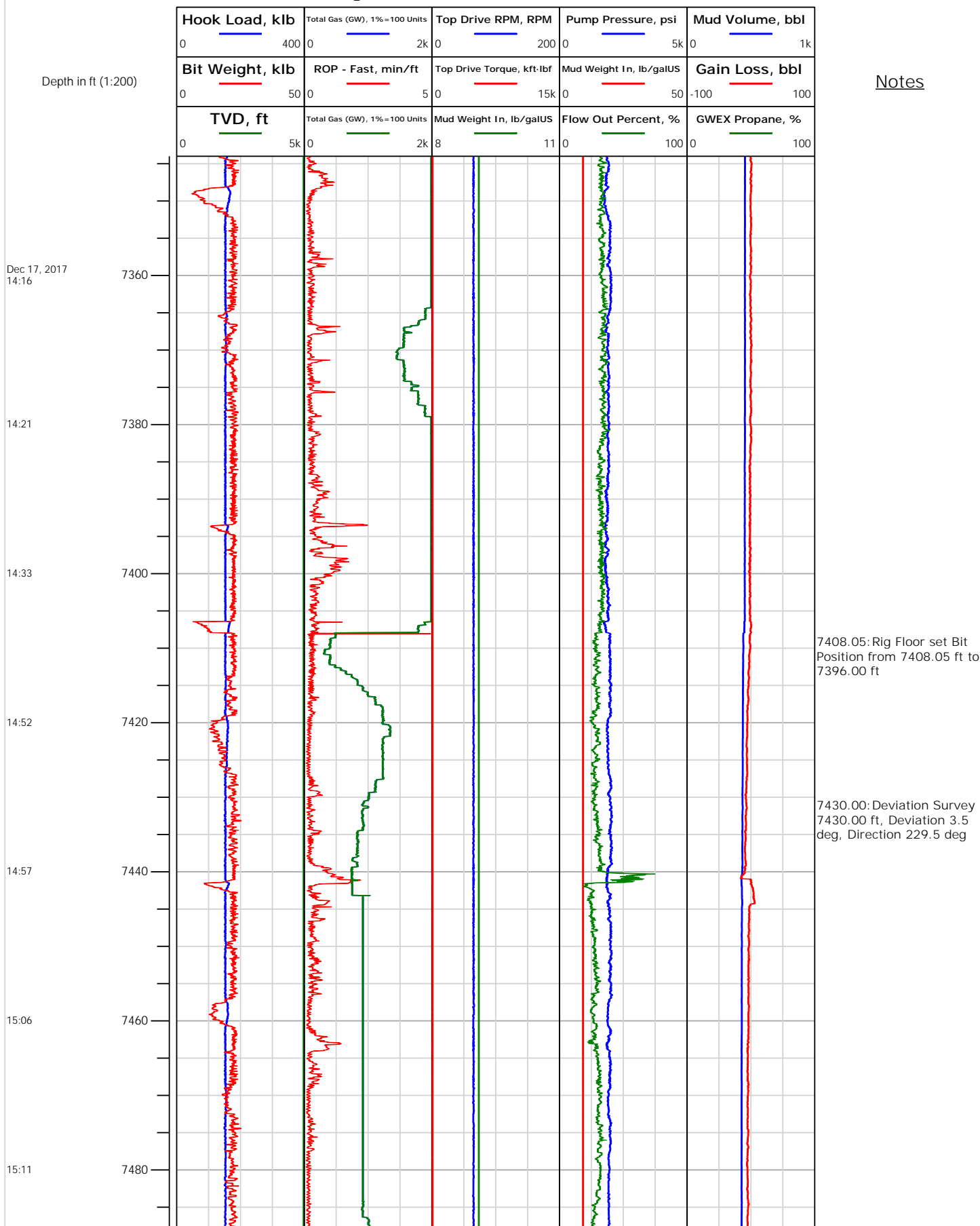
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





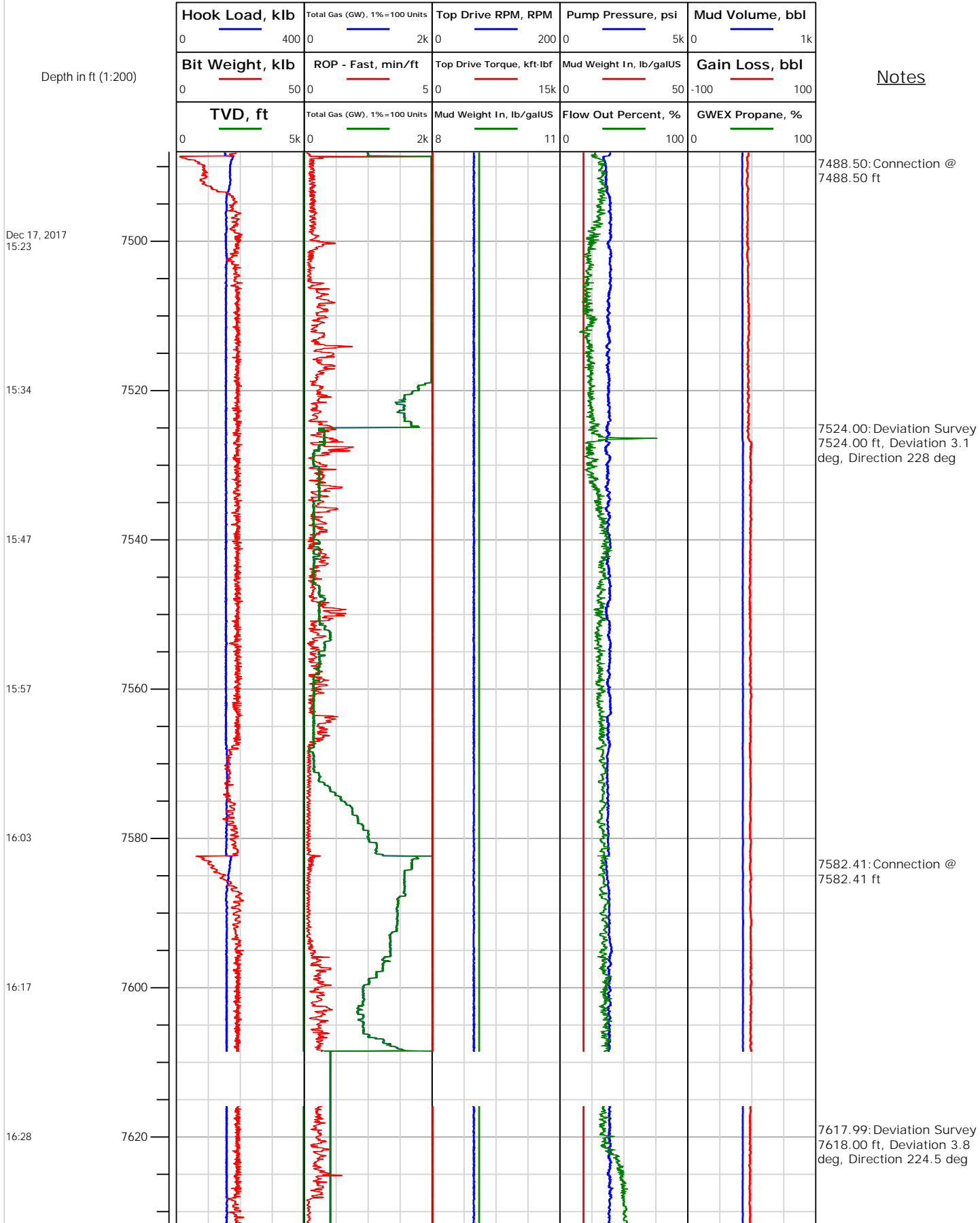
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Operator: Laramie Energy  
Contractor: Helmerich & Payne Drlg Co

Well Name: Bruton 30-15E  
Rig: 522

Location:

Notes





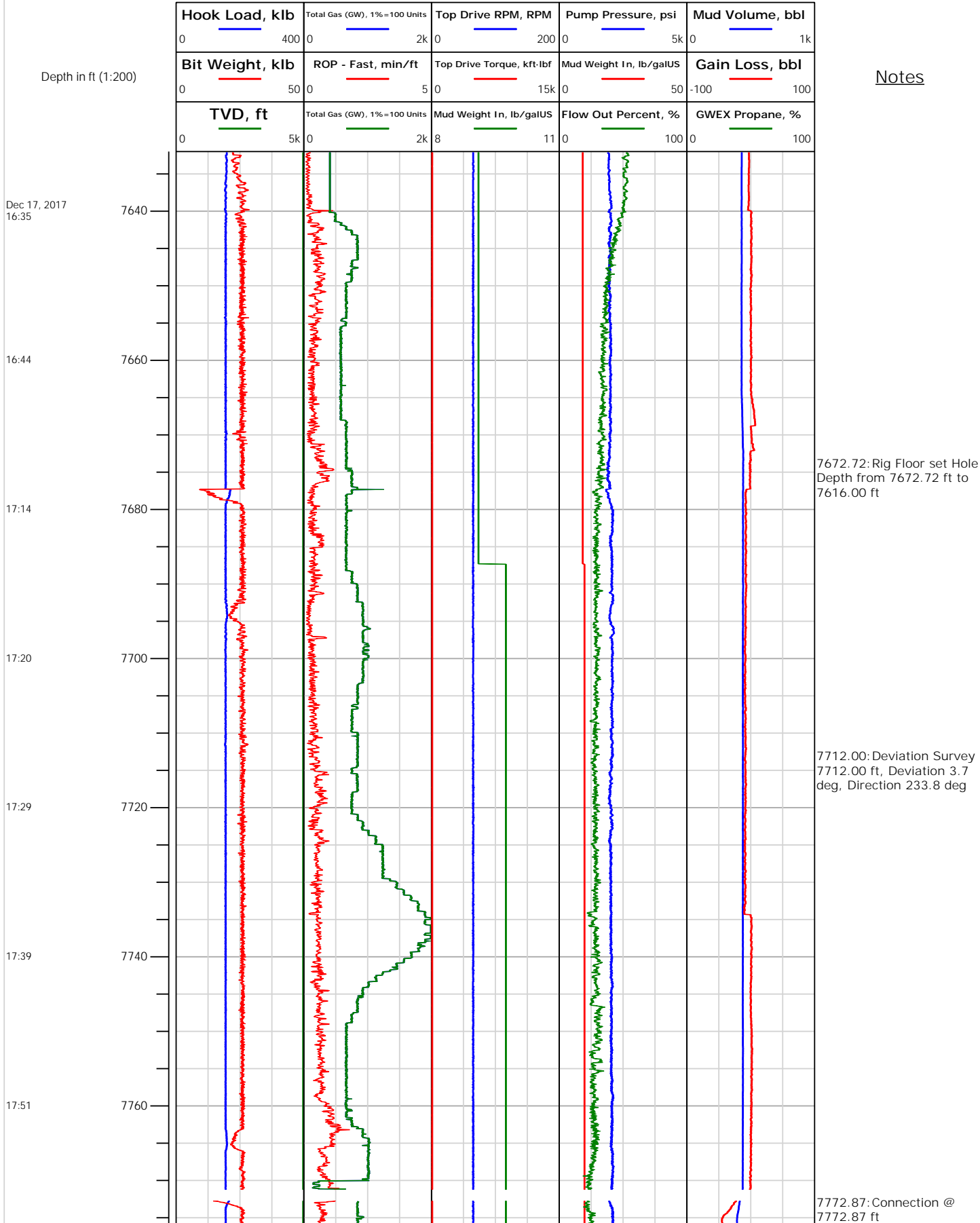
# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes





# Electronic Drilling Recorder

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

**Well Name:** Bruton 30-15E  
**Rig:** 522

**Location:**

Notes

